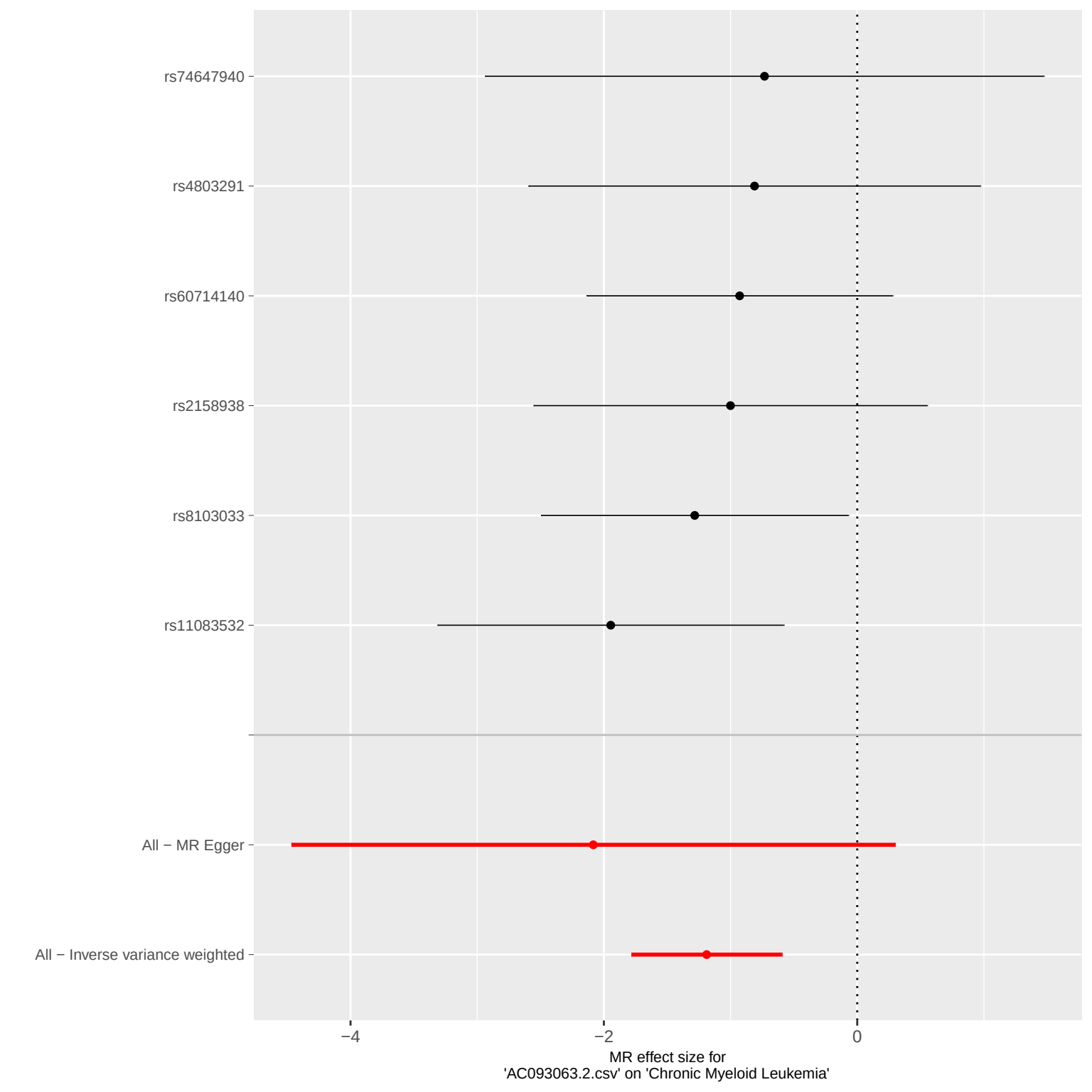
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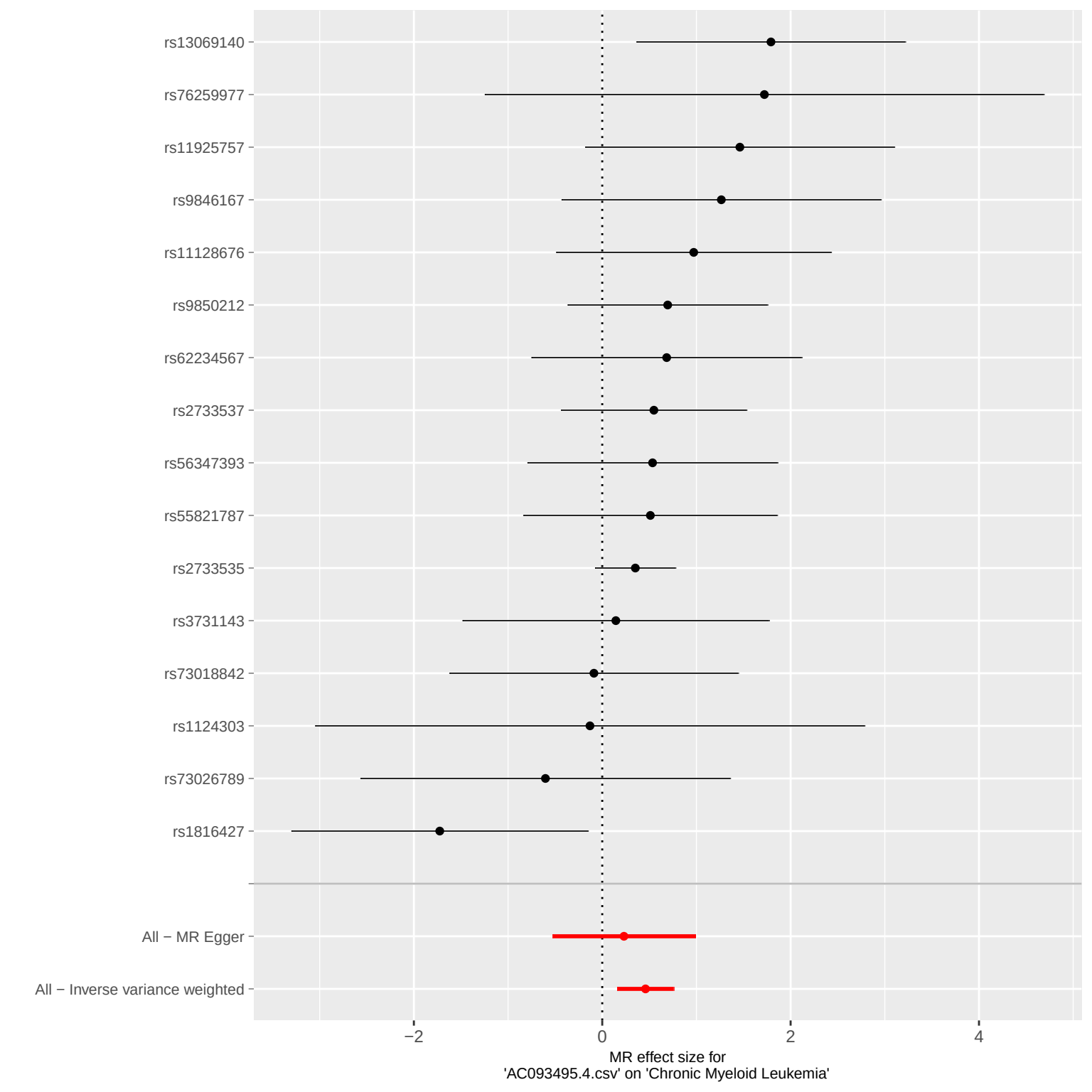
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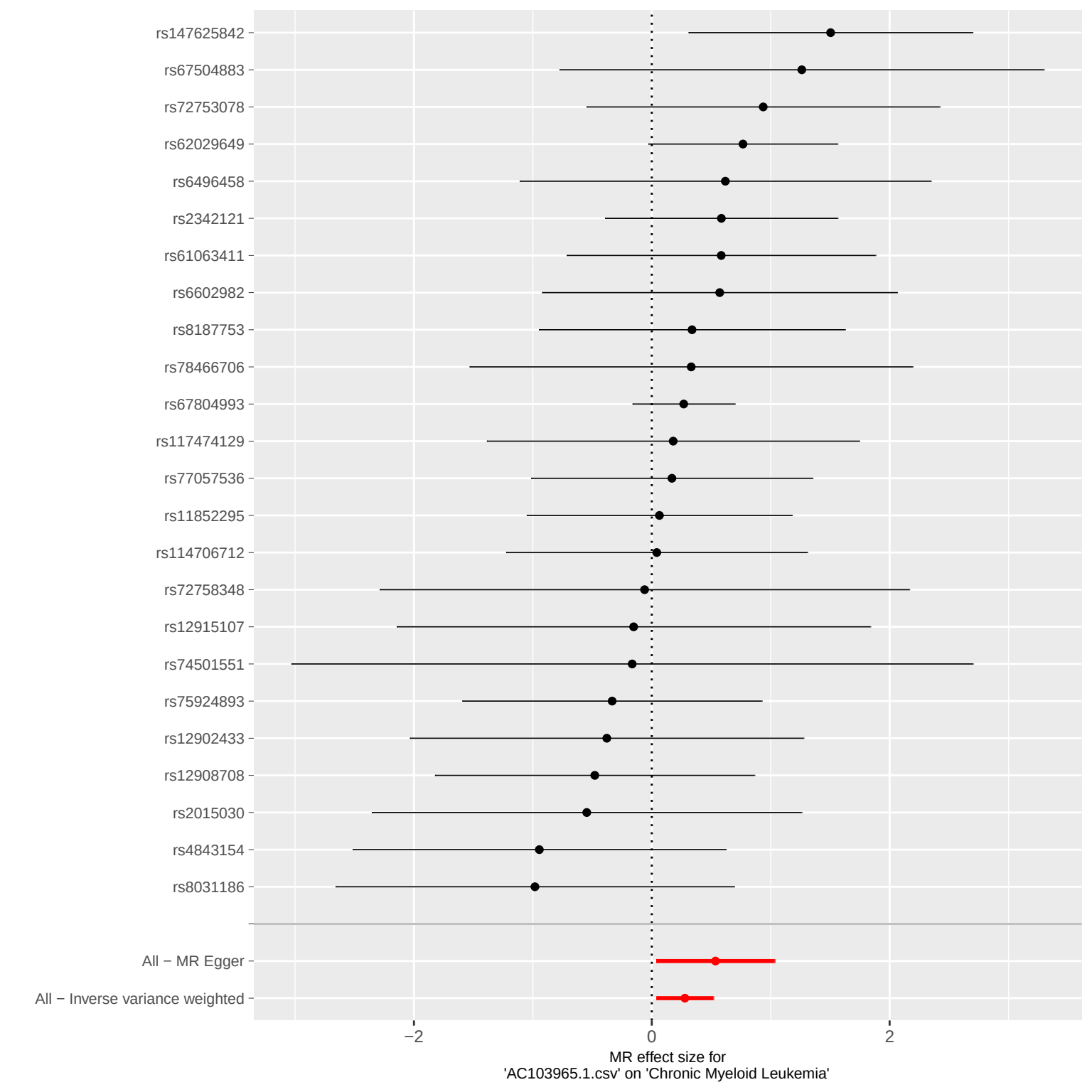
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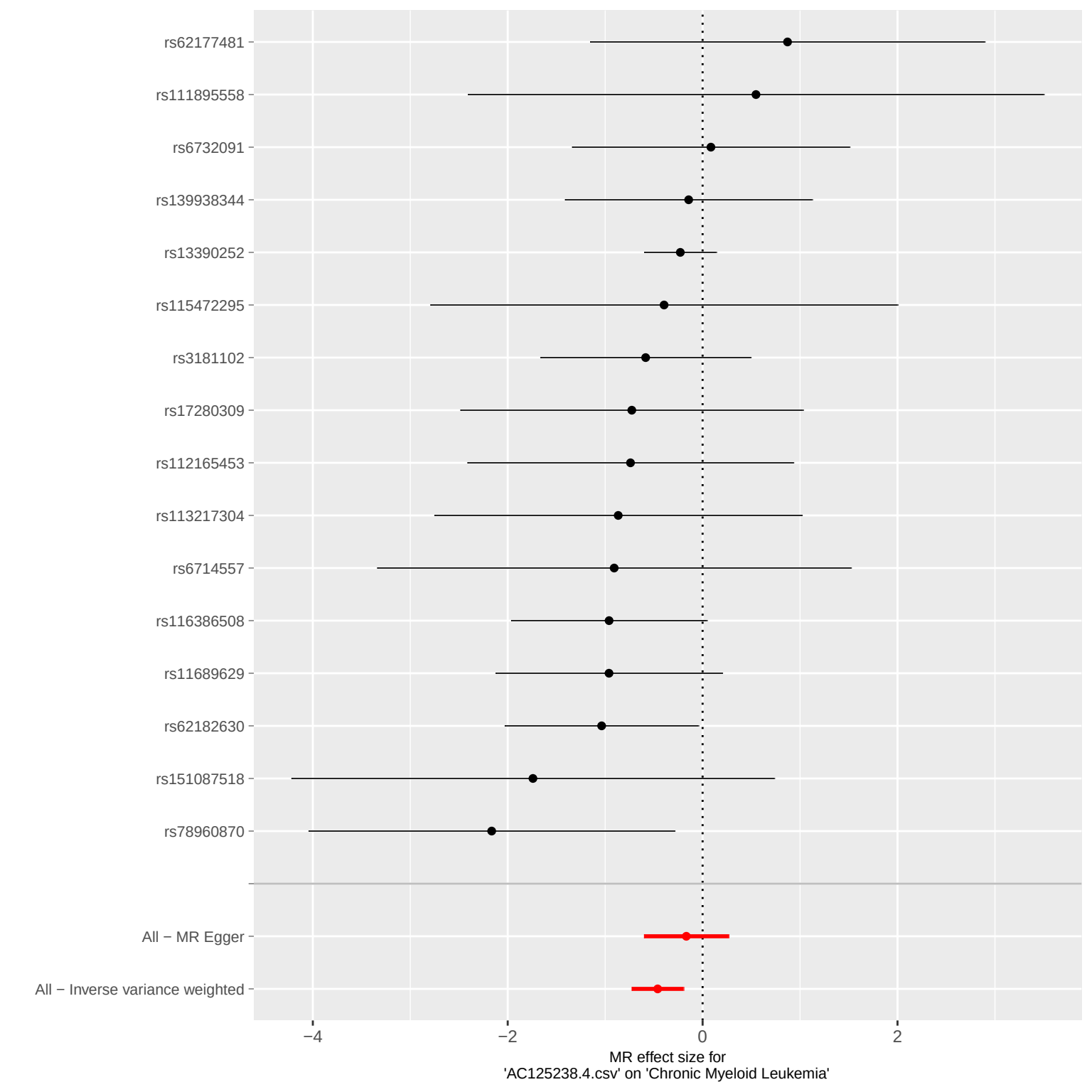
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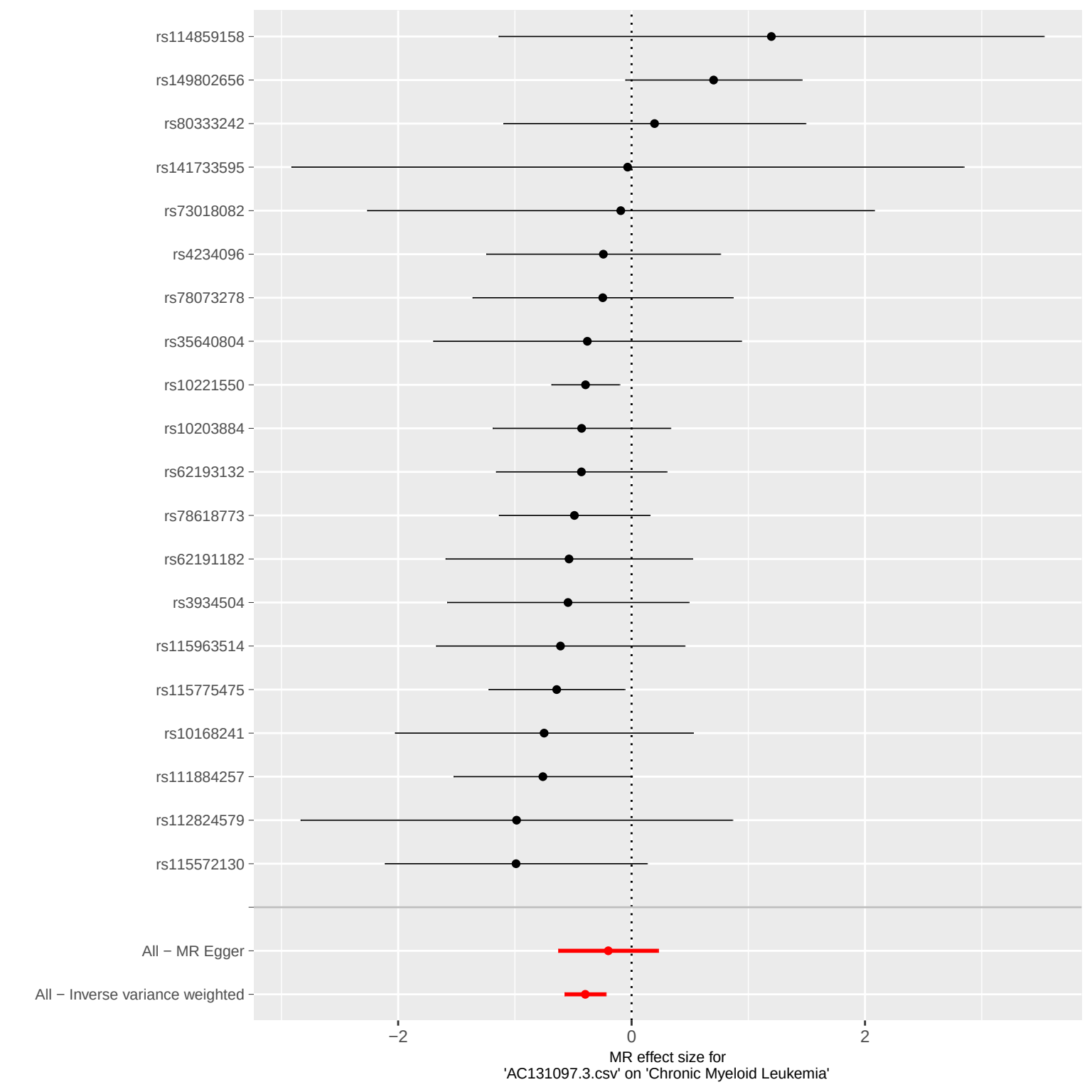
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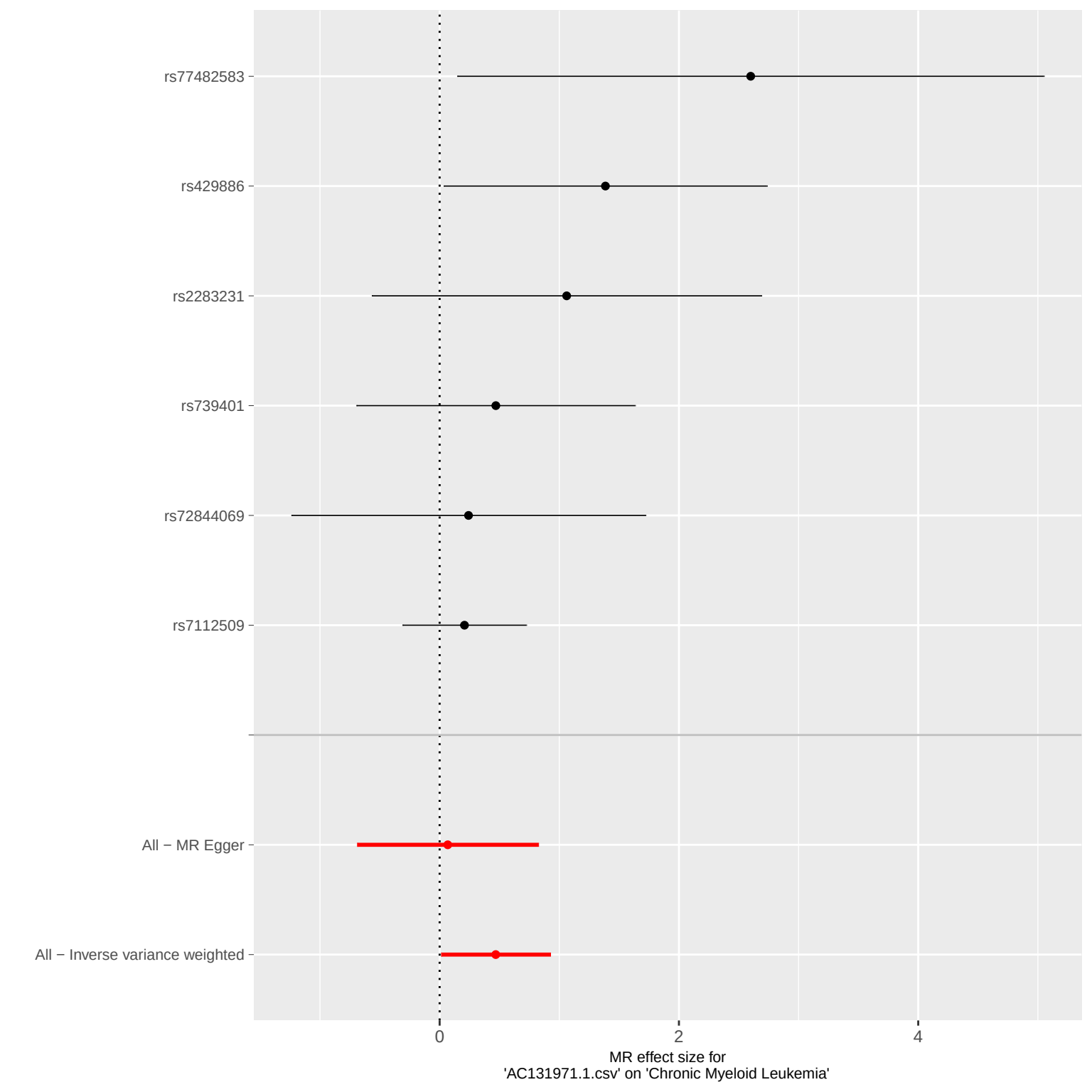
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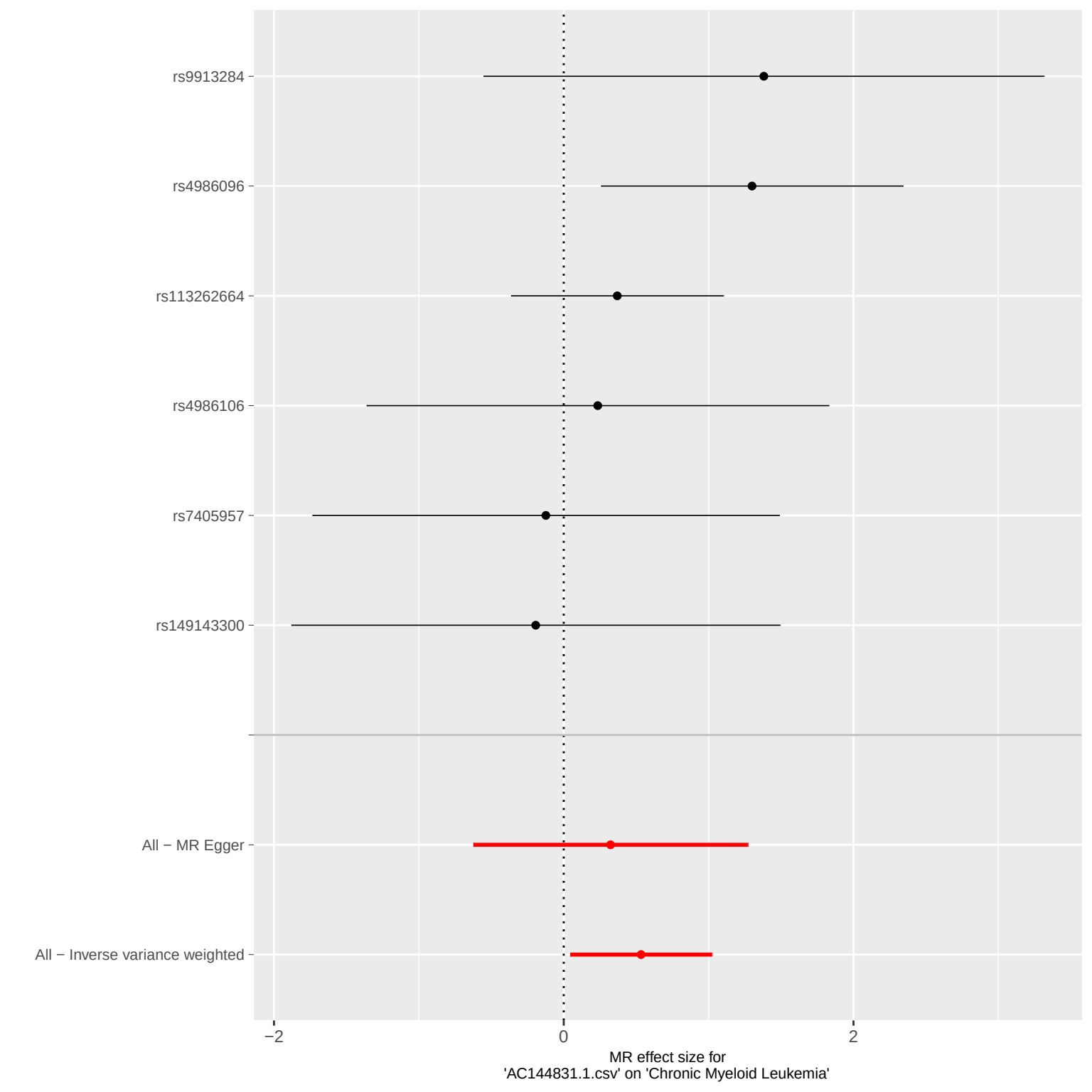
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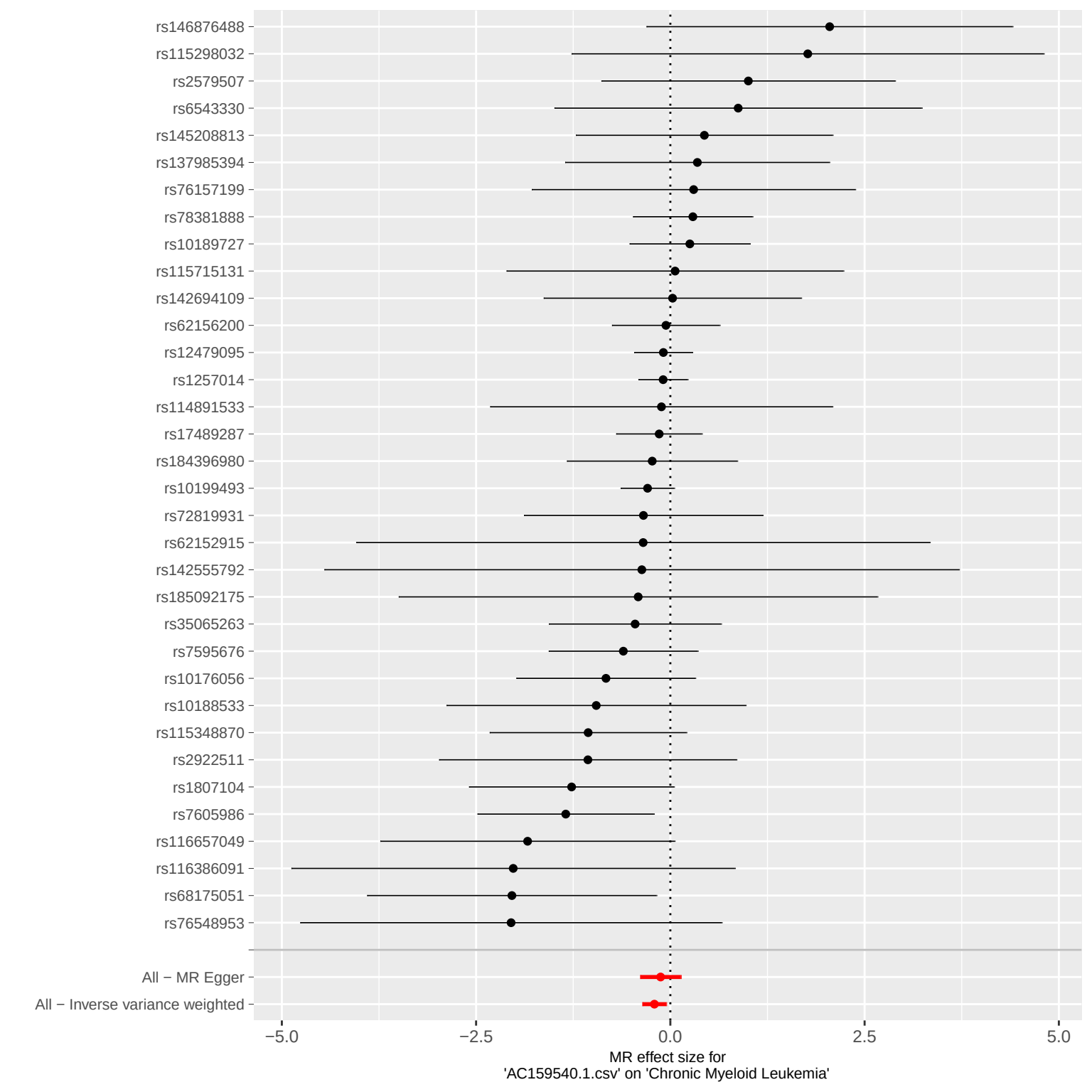
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All − Inverse variance weighted
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2.5
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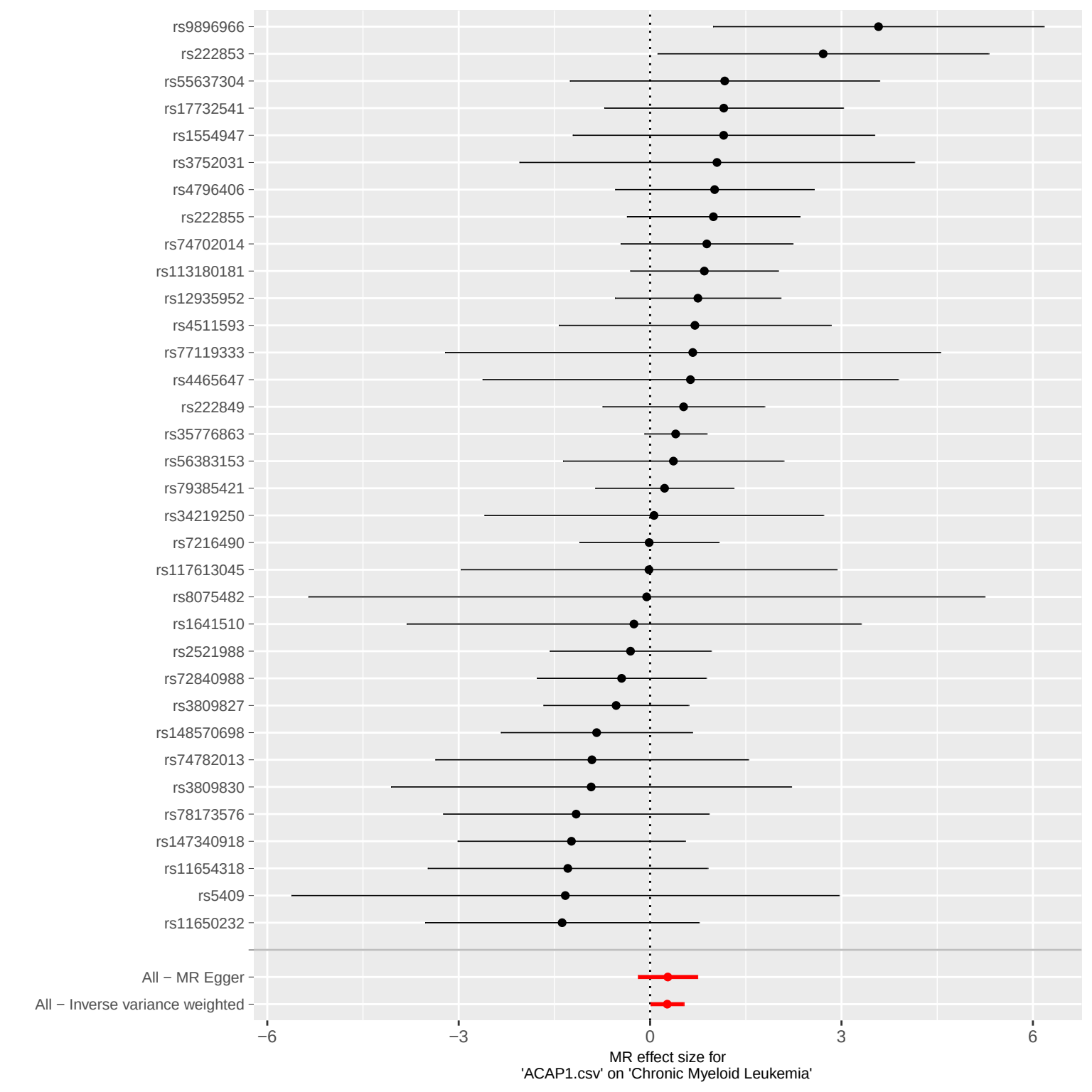
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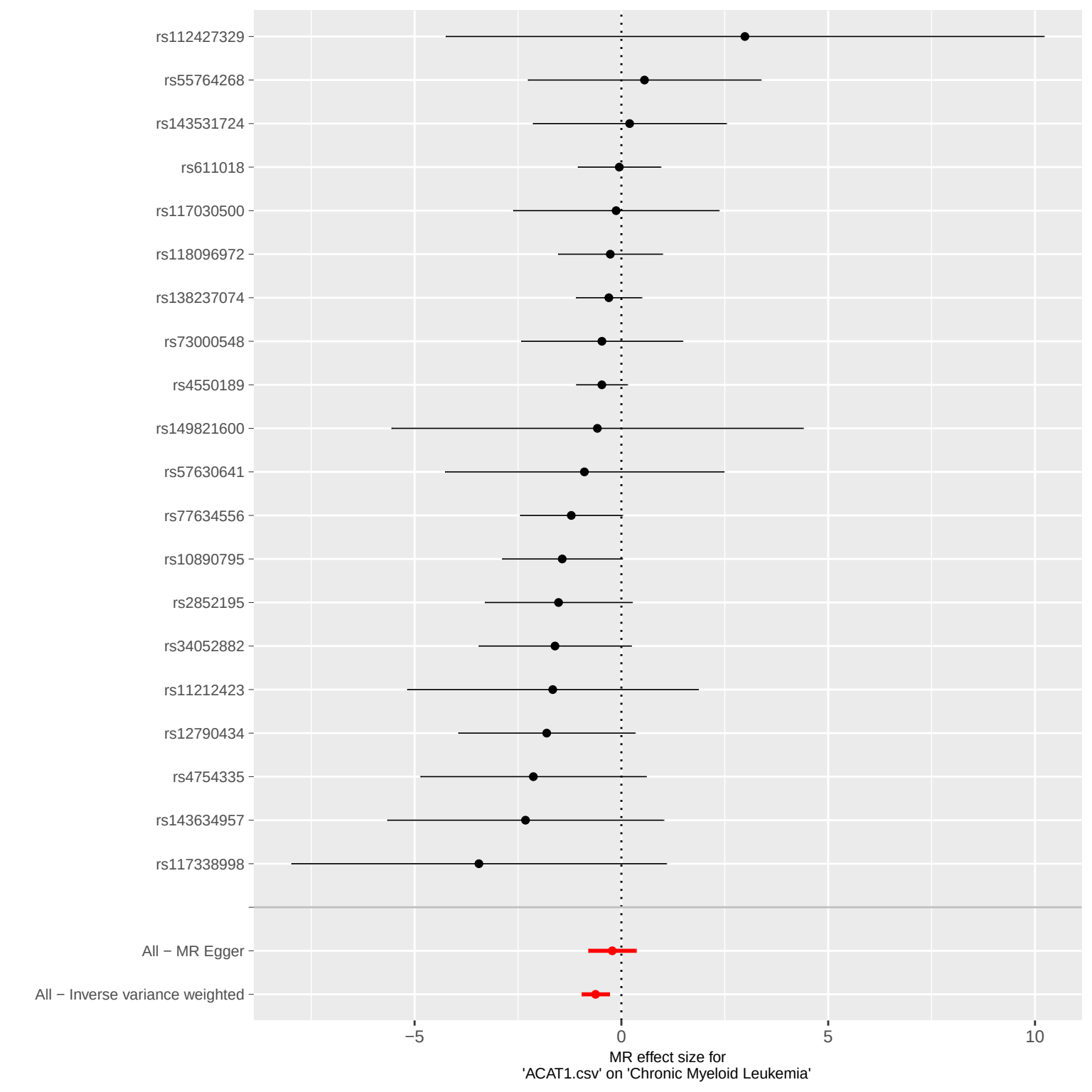
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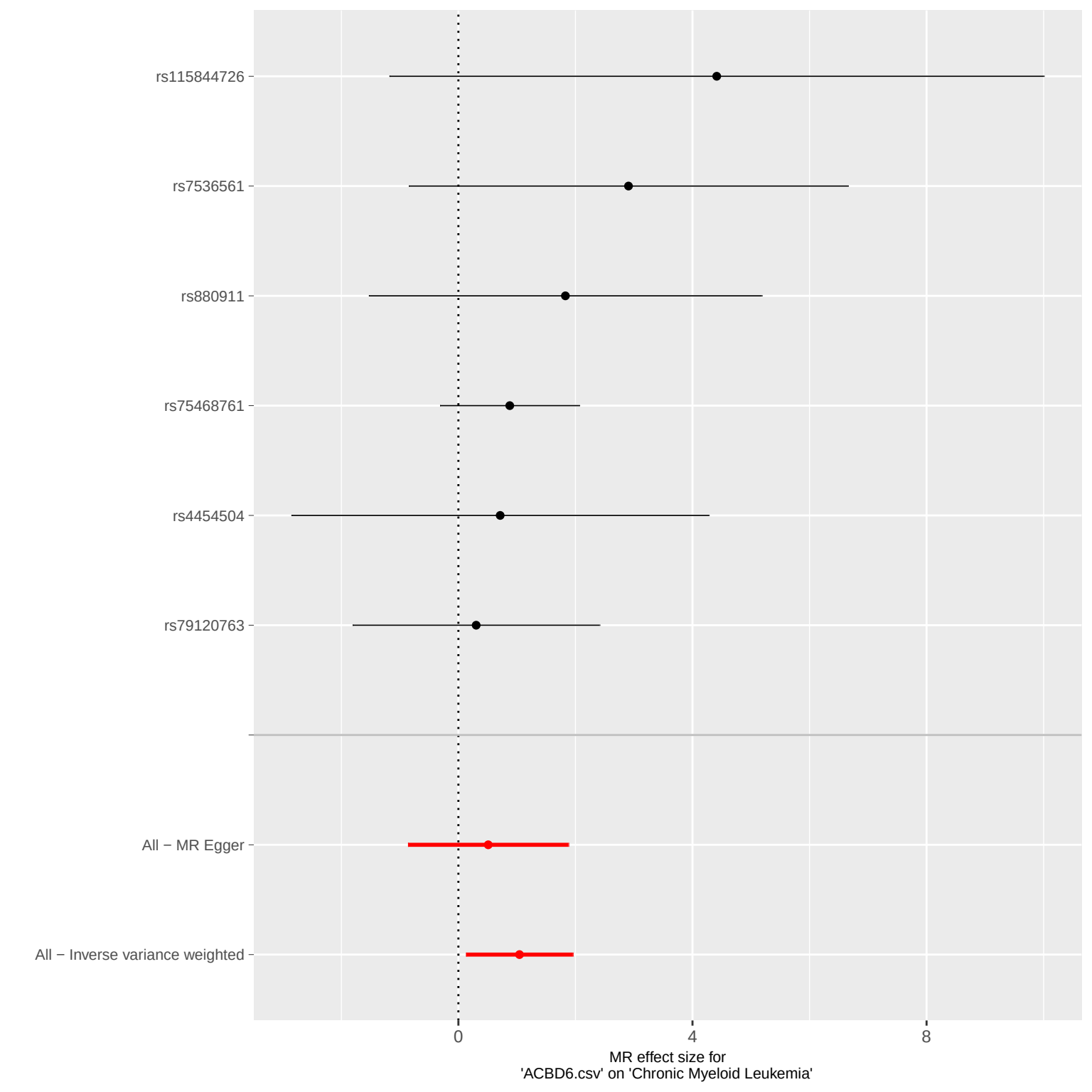
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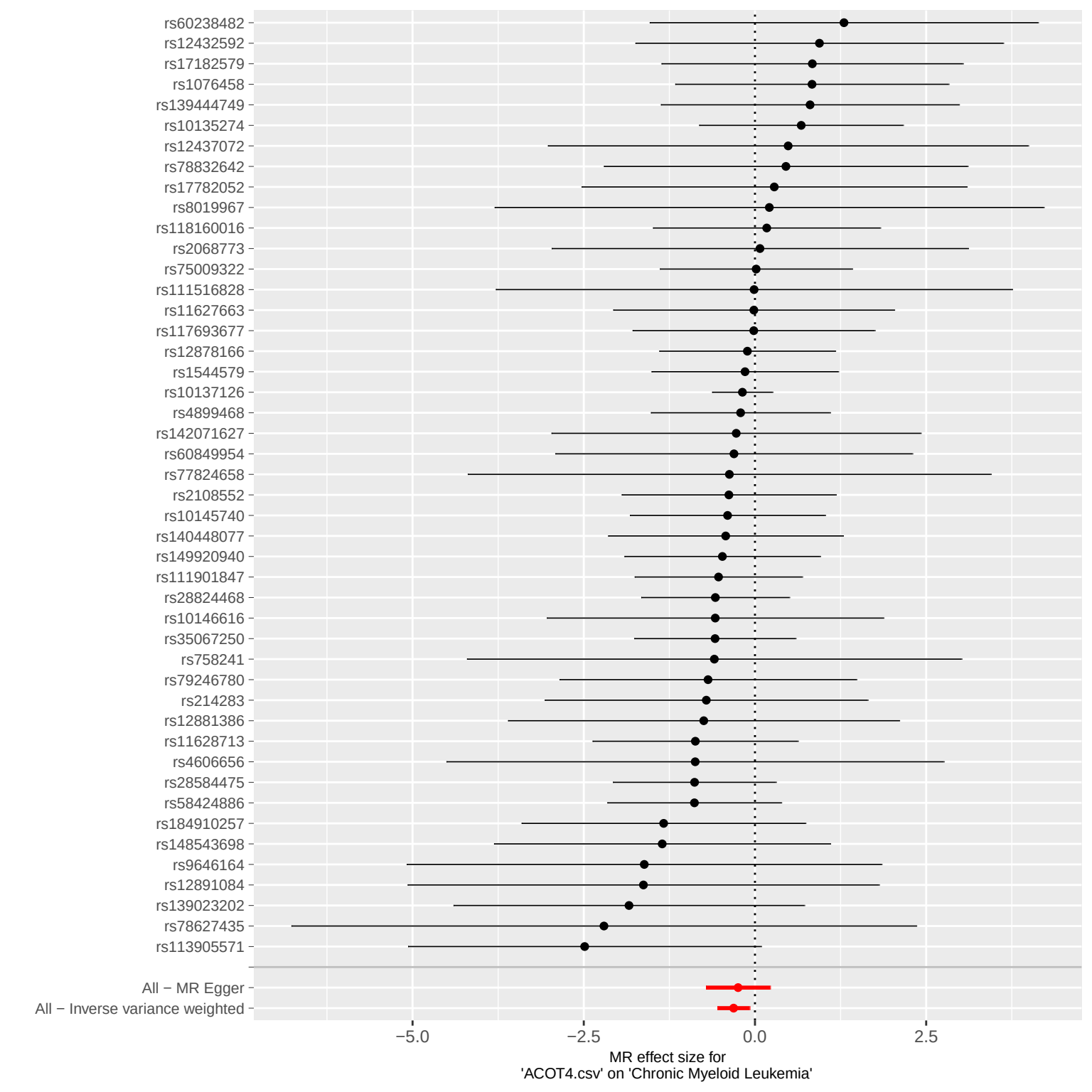
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MR effect size for
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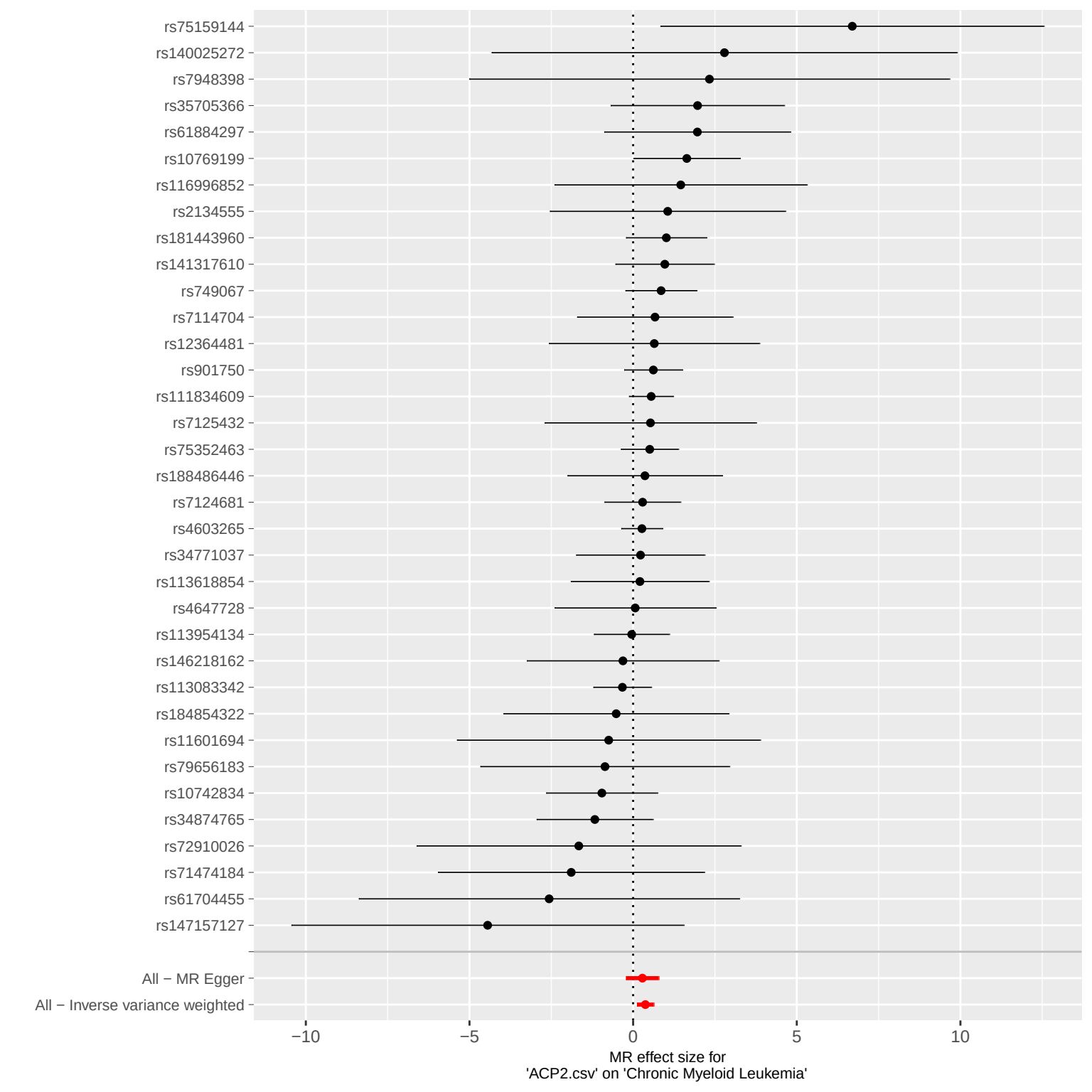
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All − Inverse variance weighted
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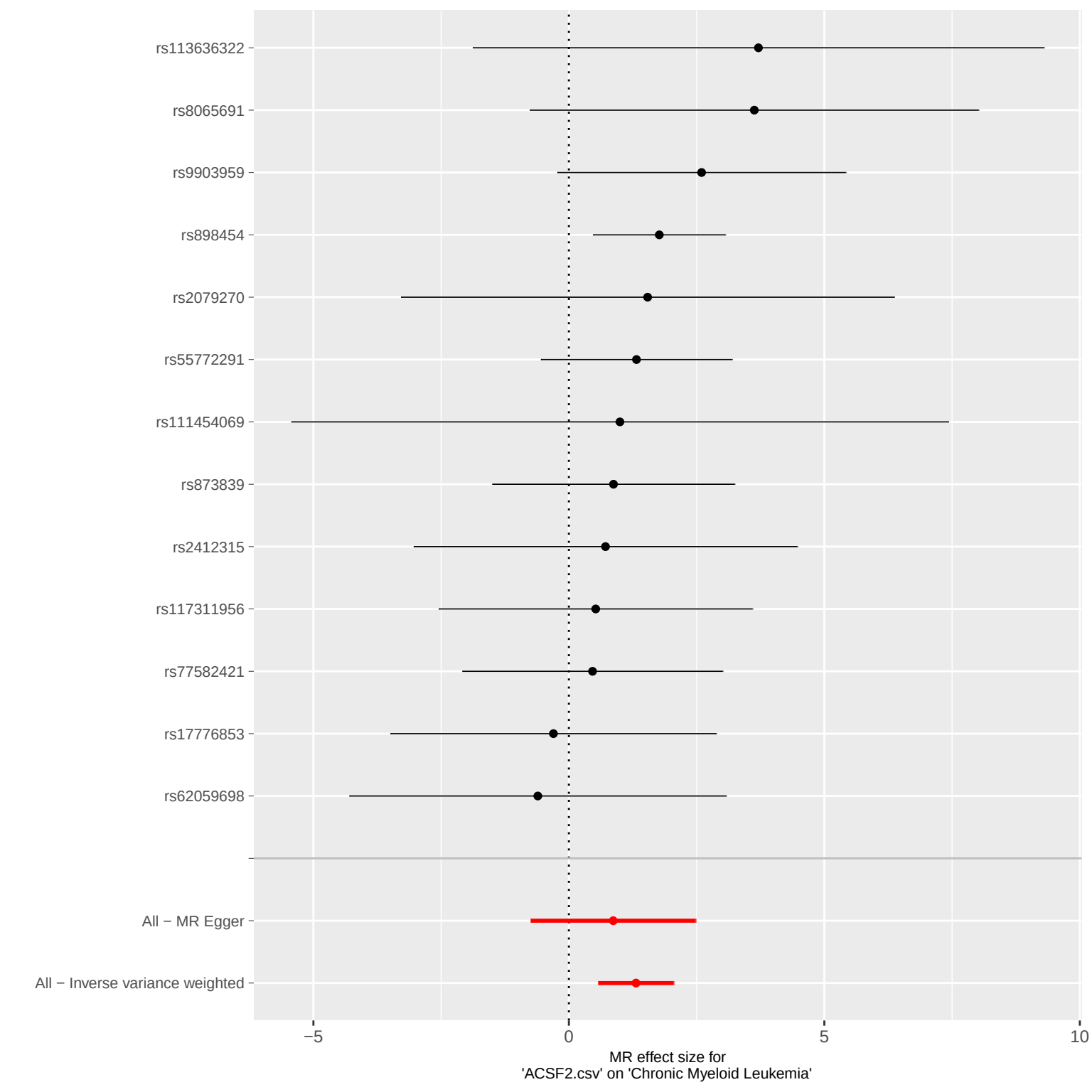
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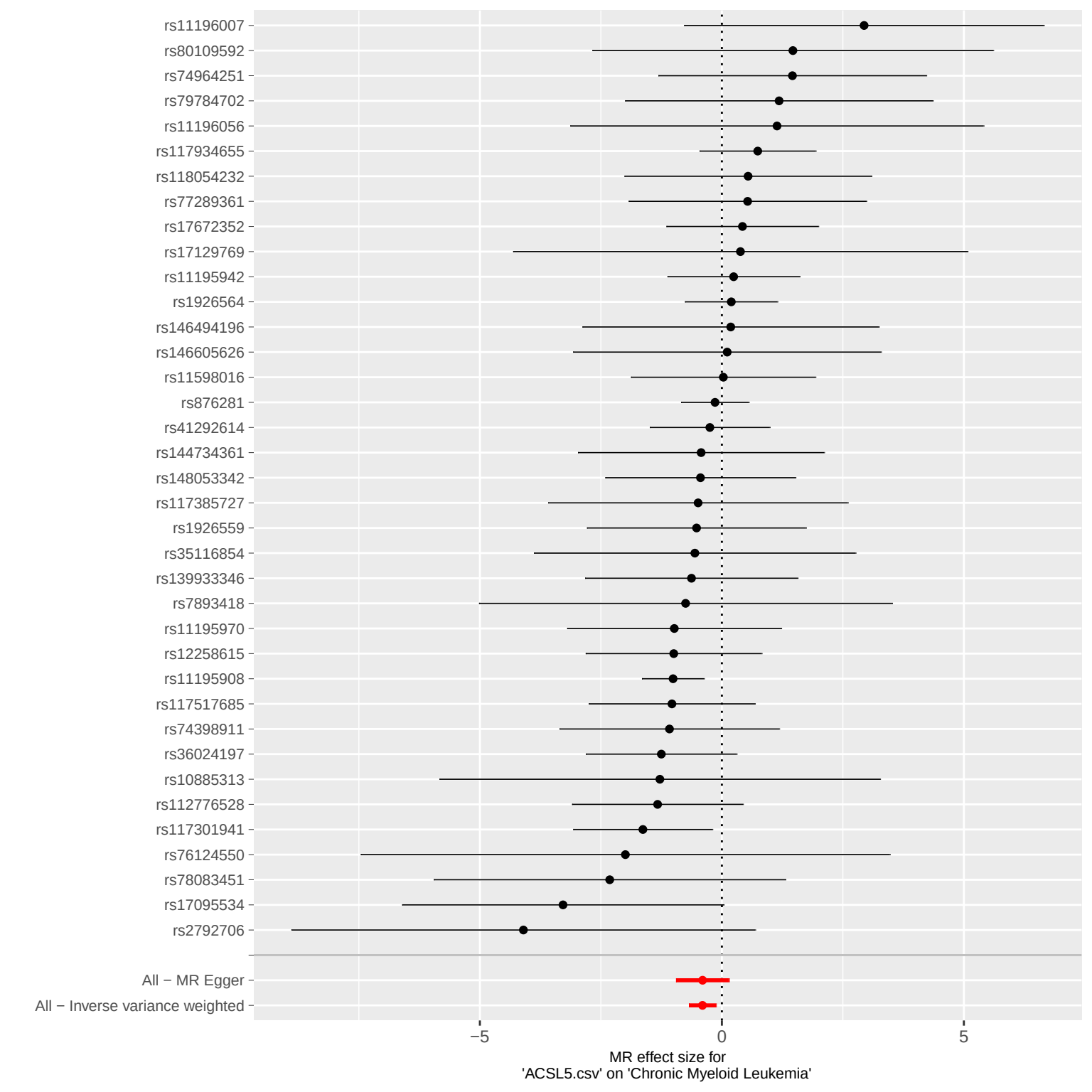
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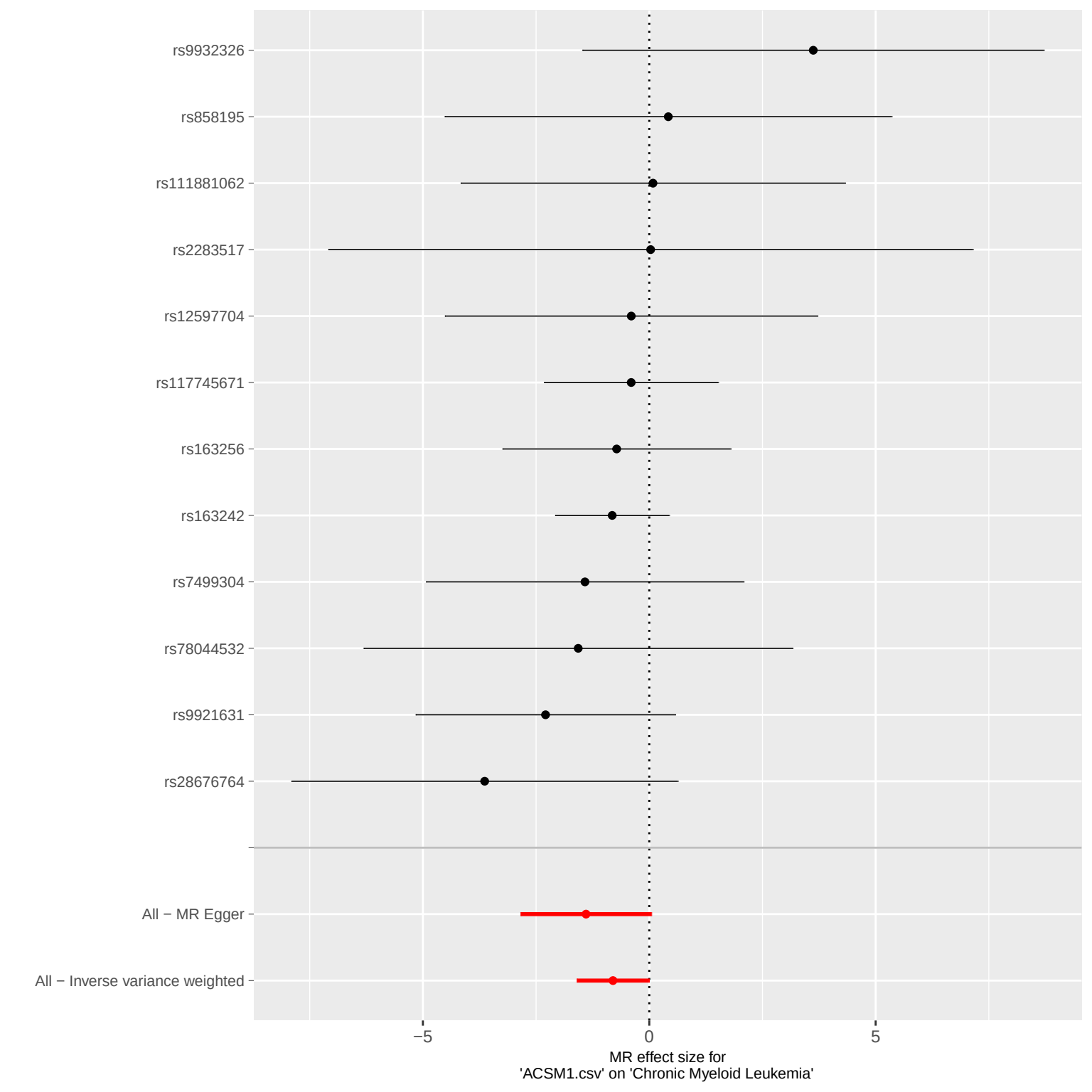
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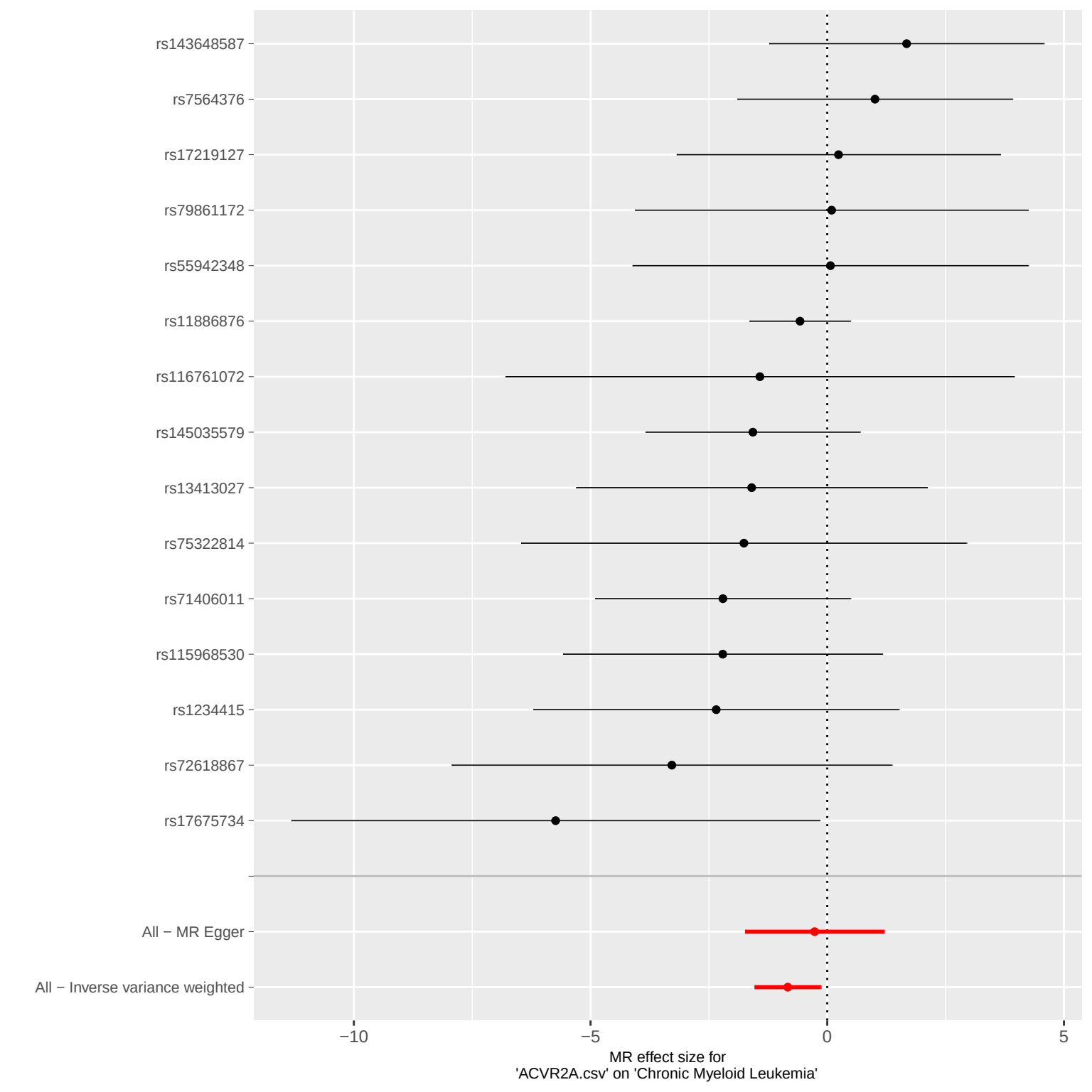
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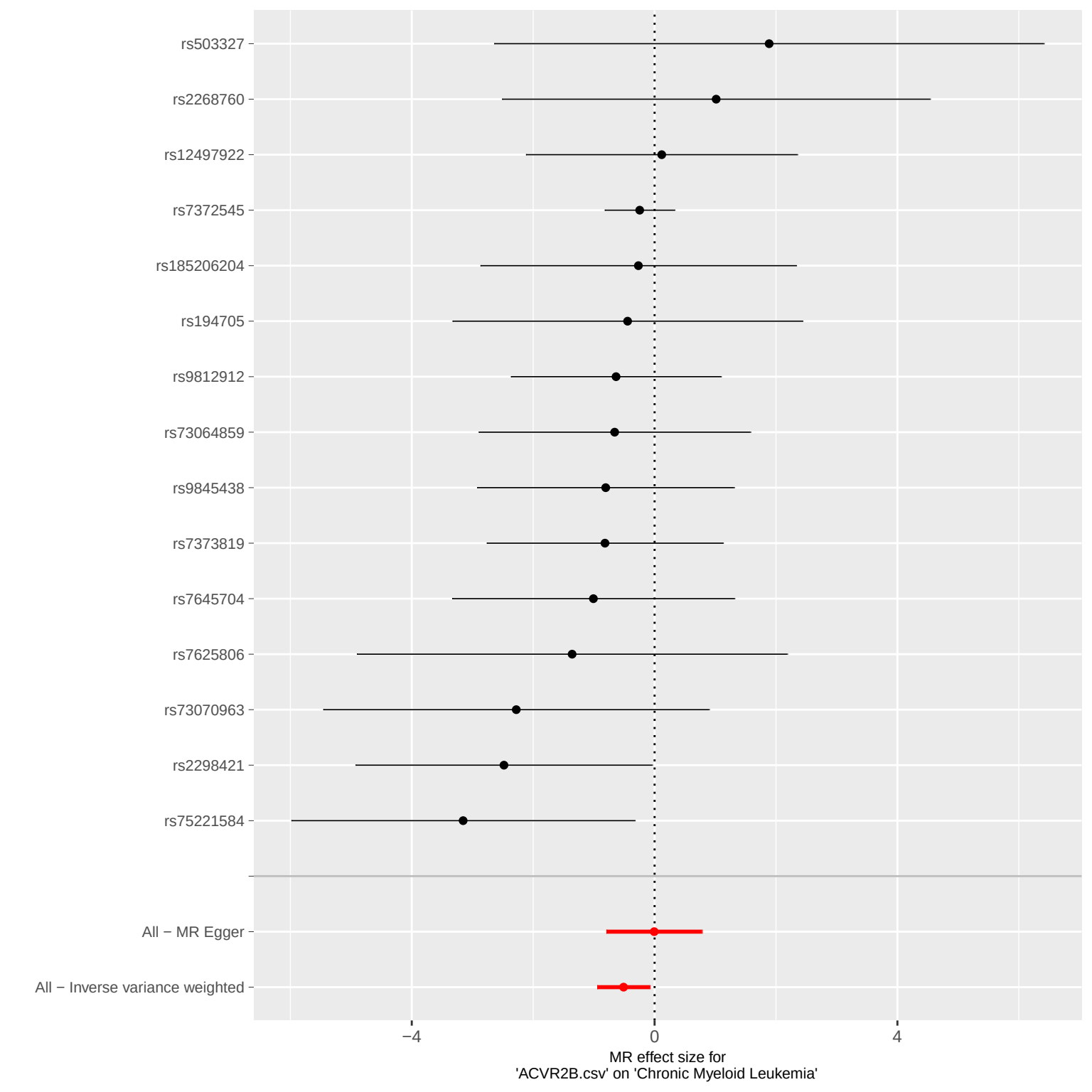
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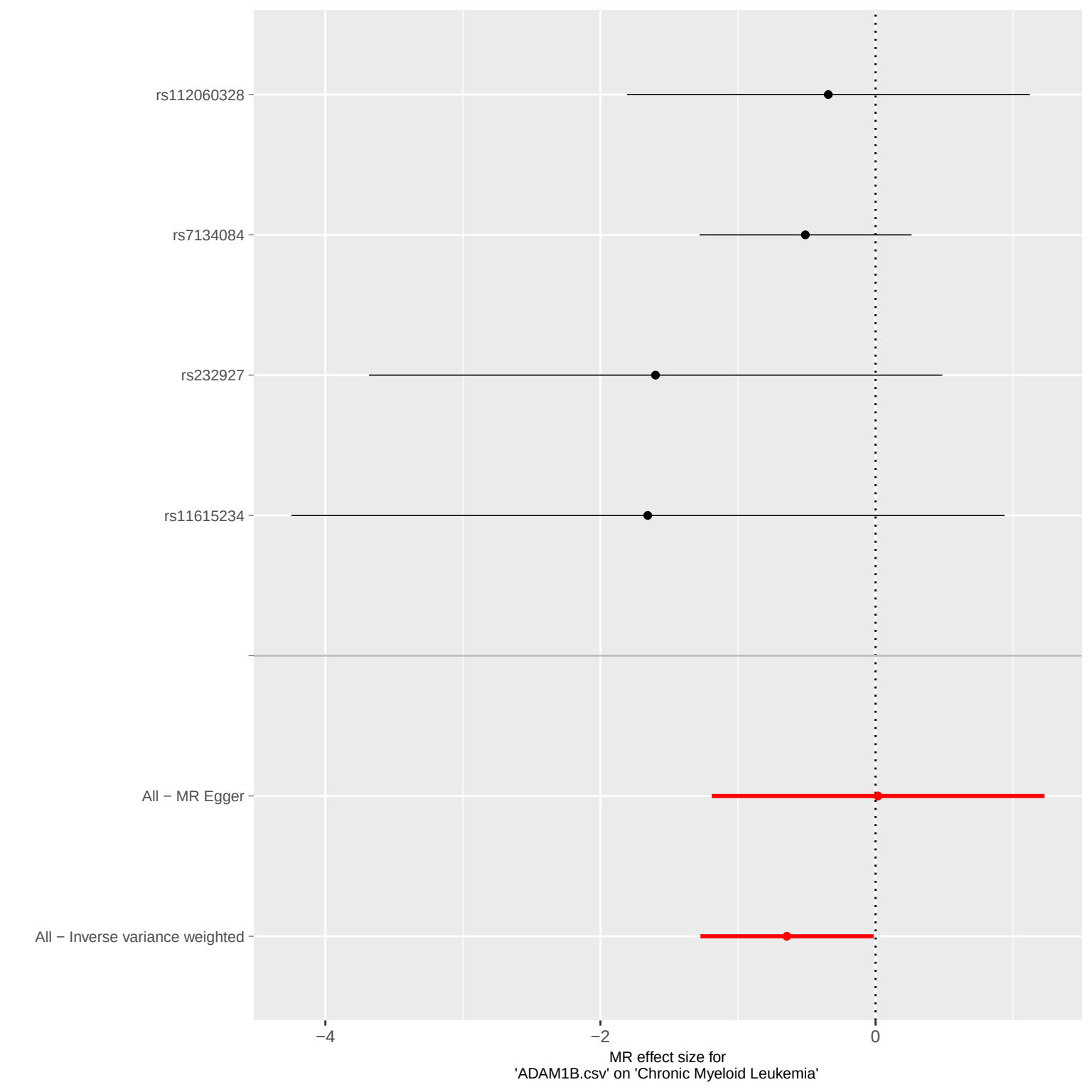
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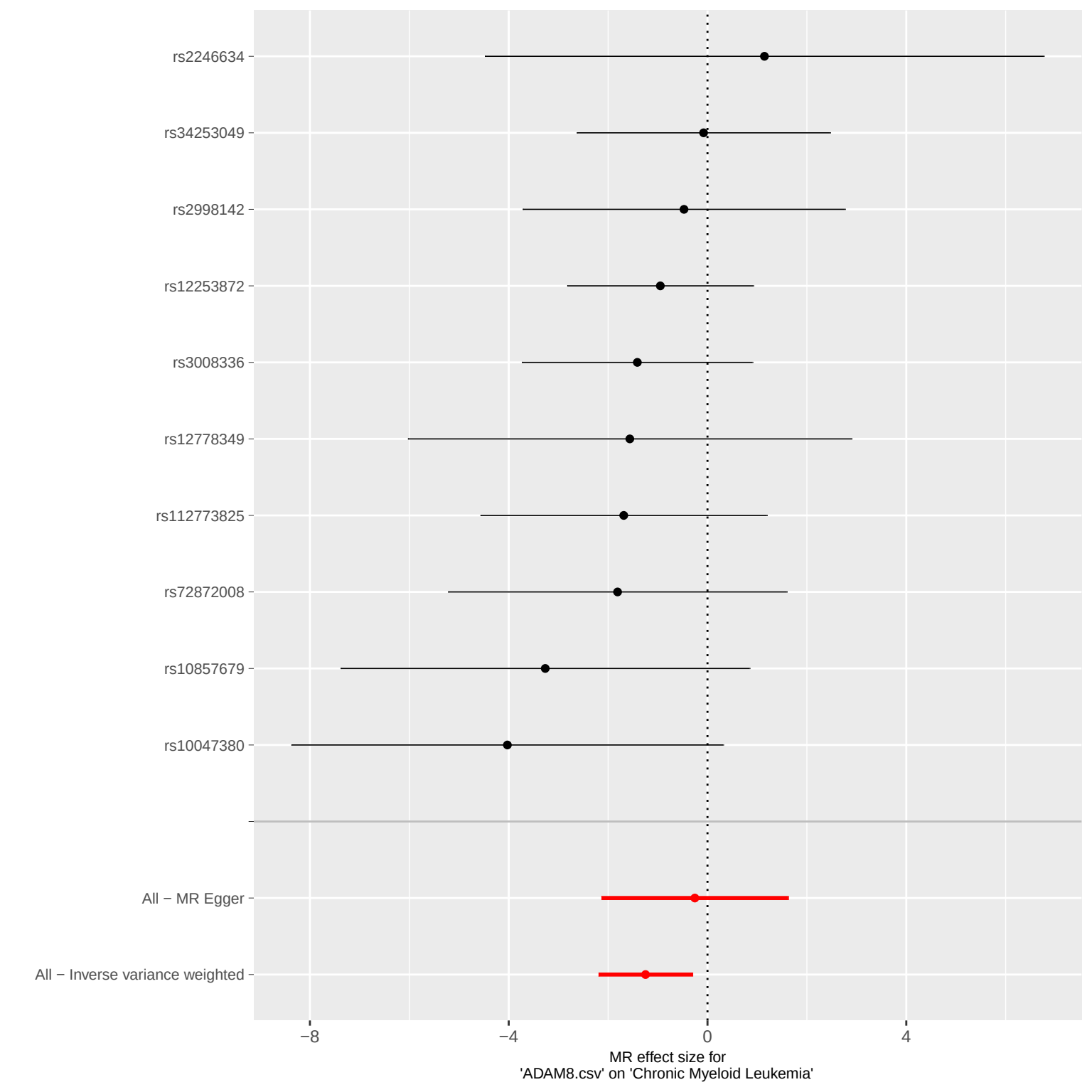
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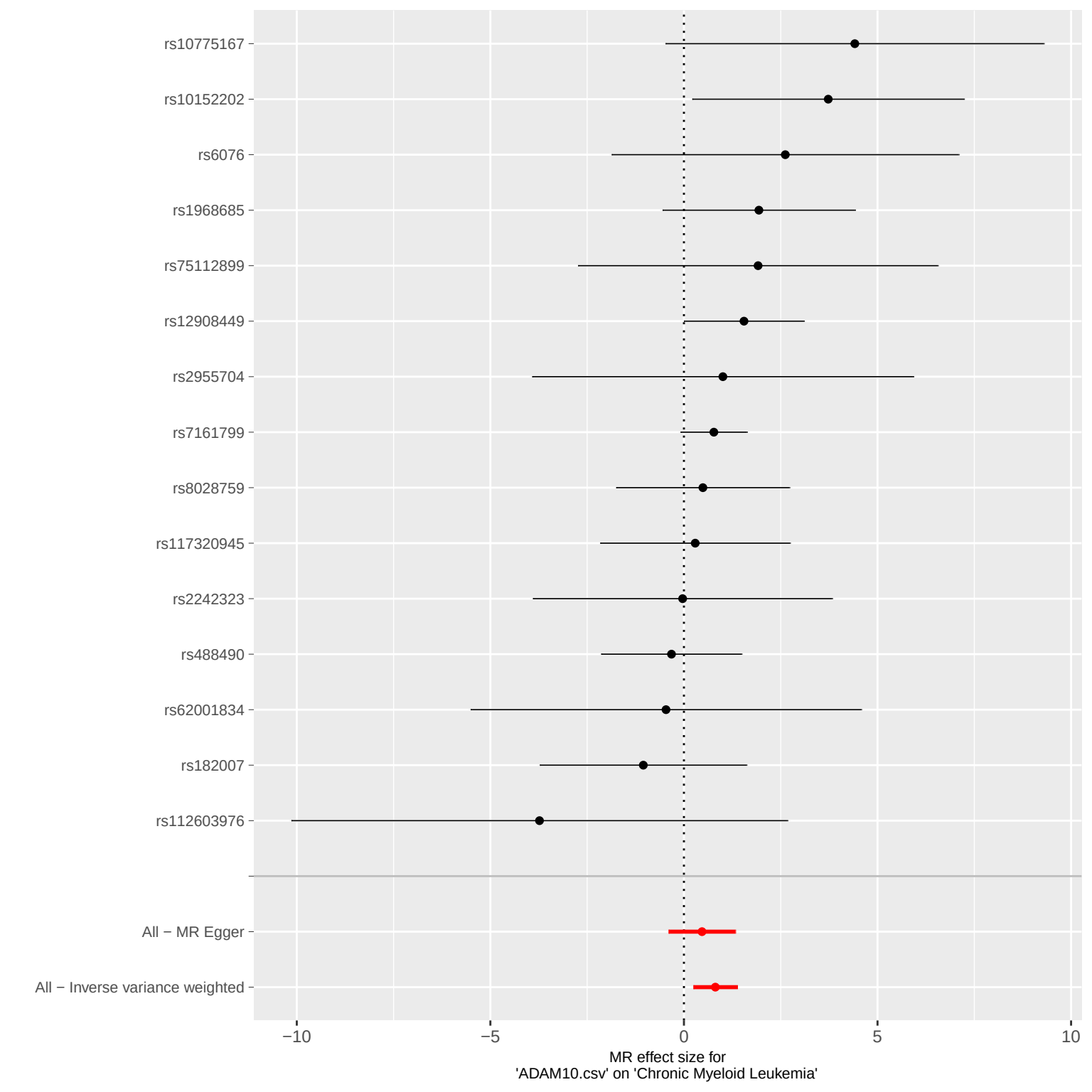
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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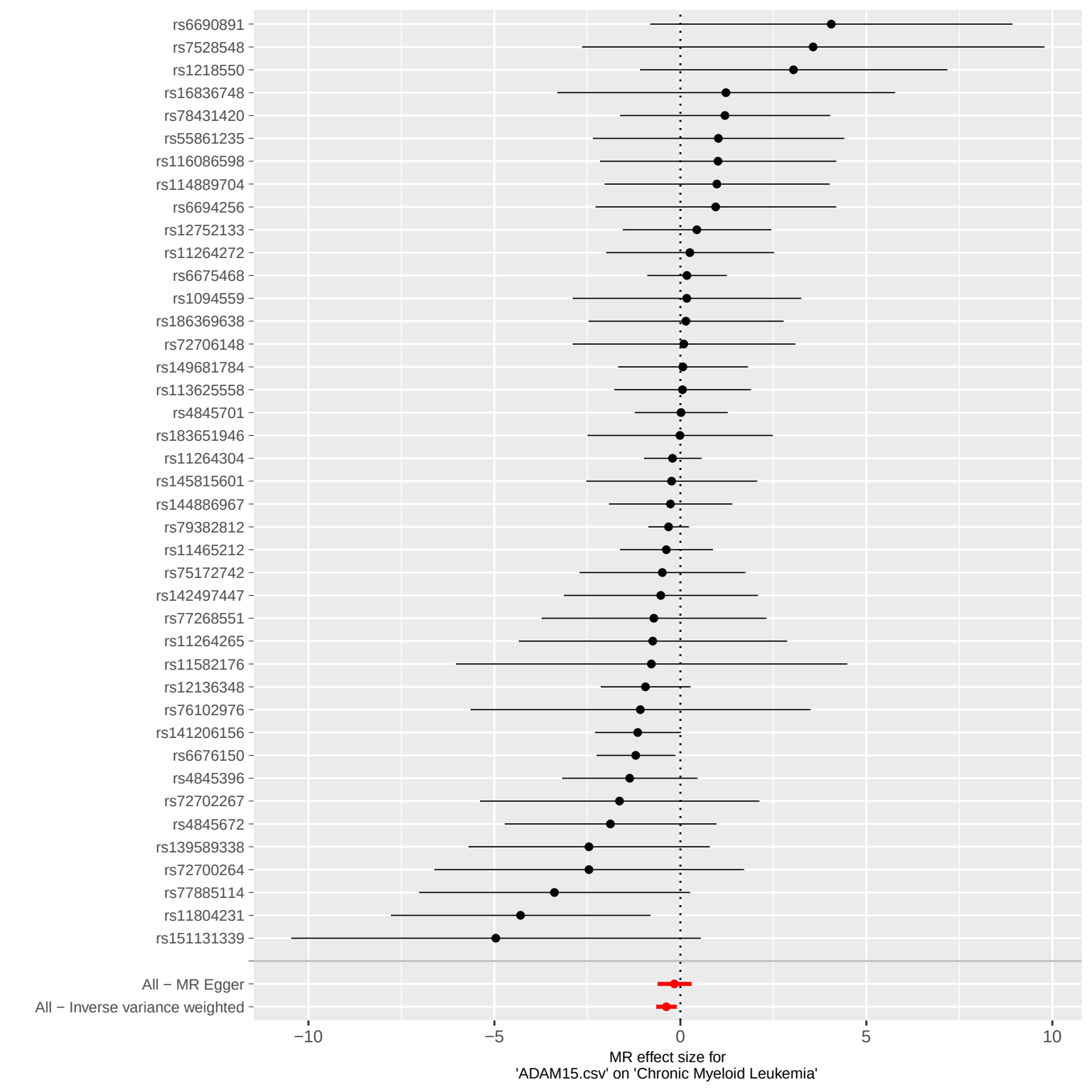
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MR effect size for
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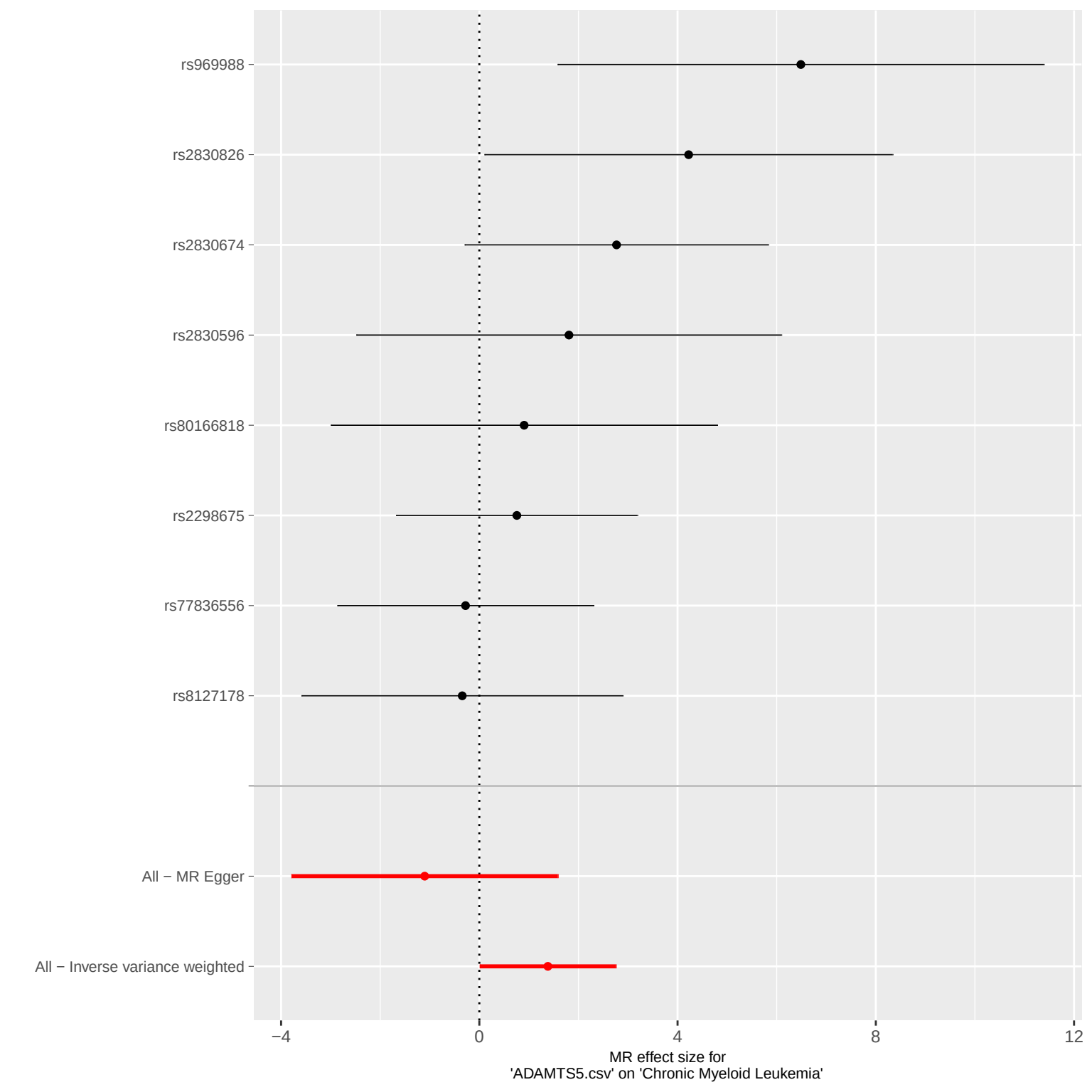
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4
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MR effect size for
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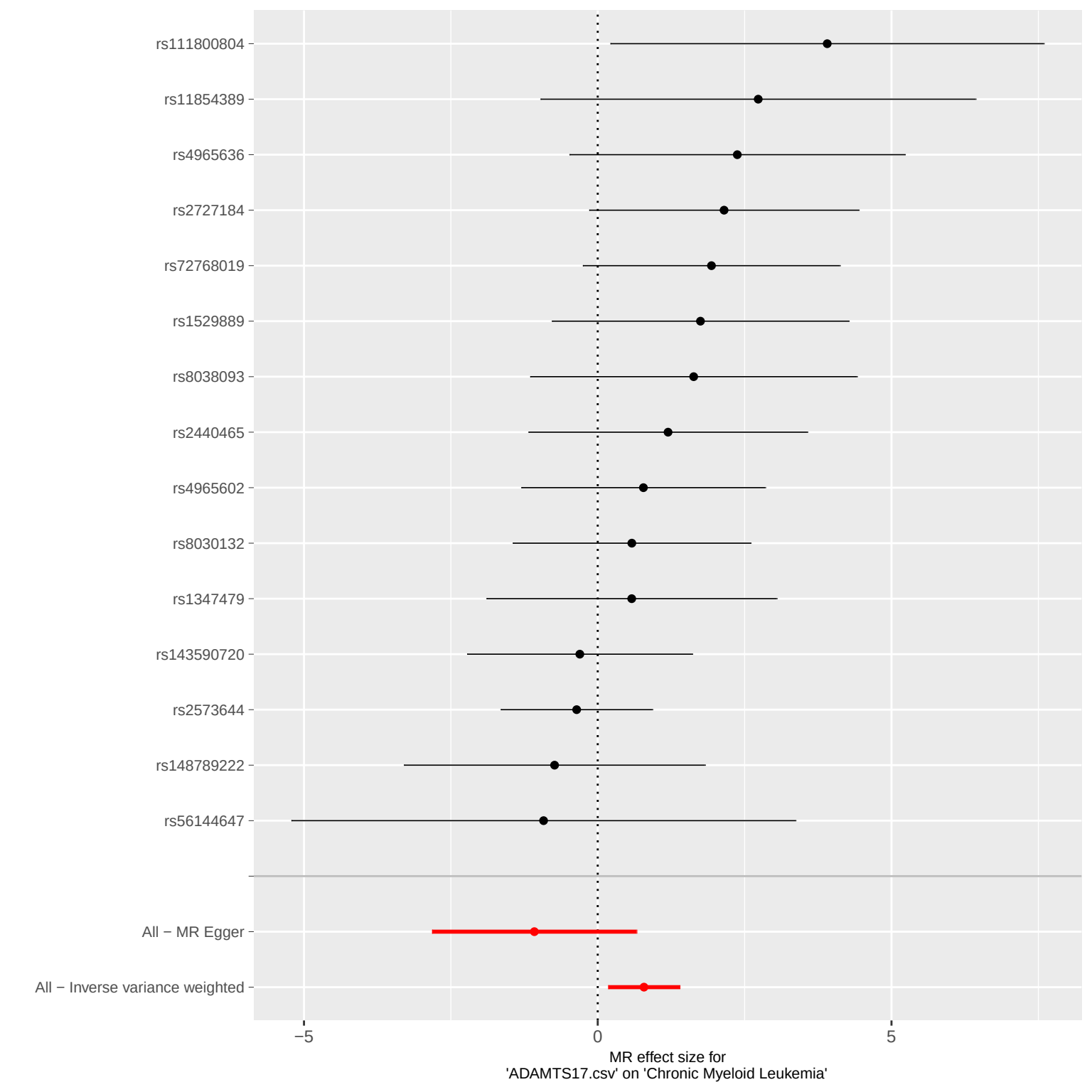
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All − Inverse variance weighted
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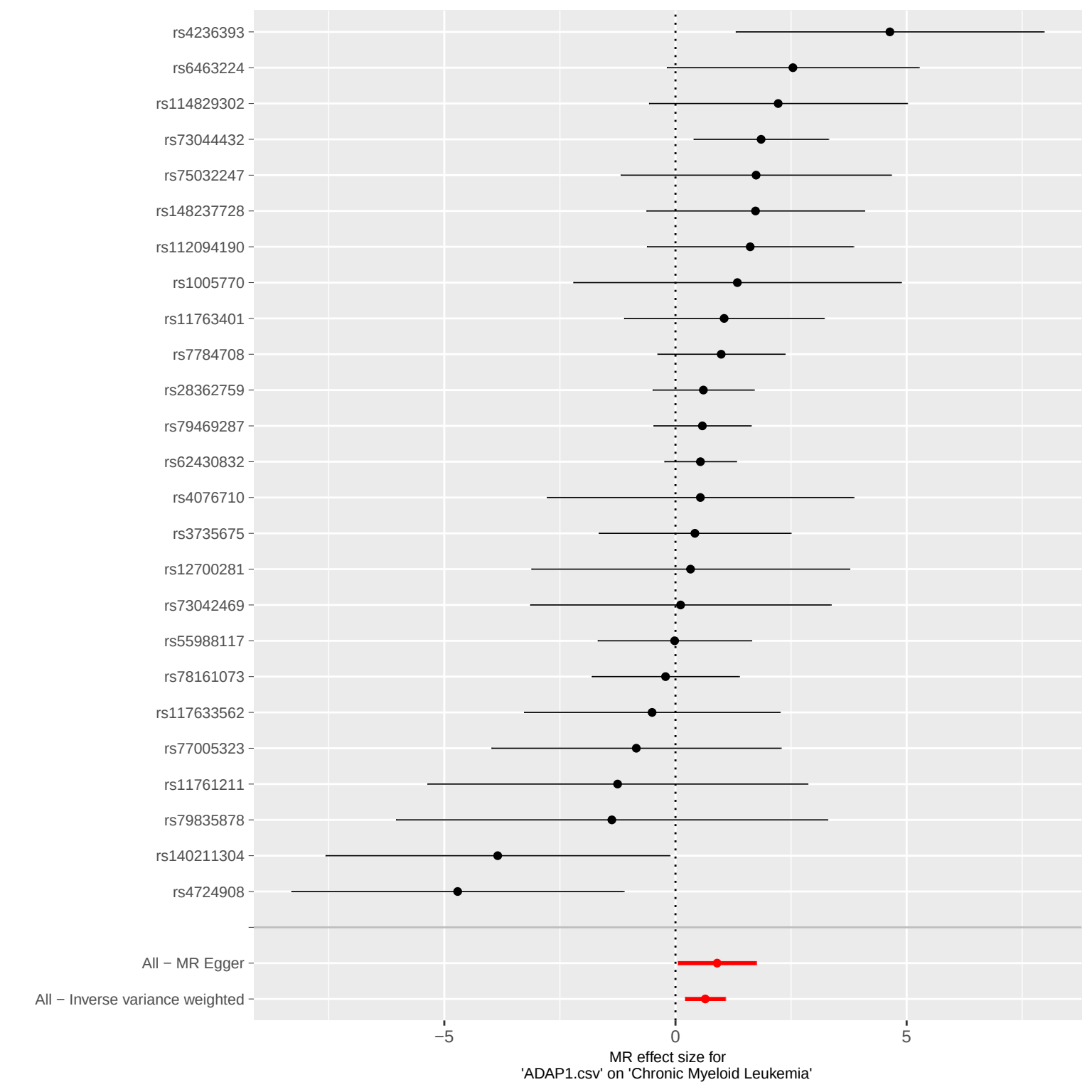
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All − Inverse variance weighted
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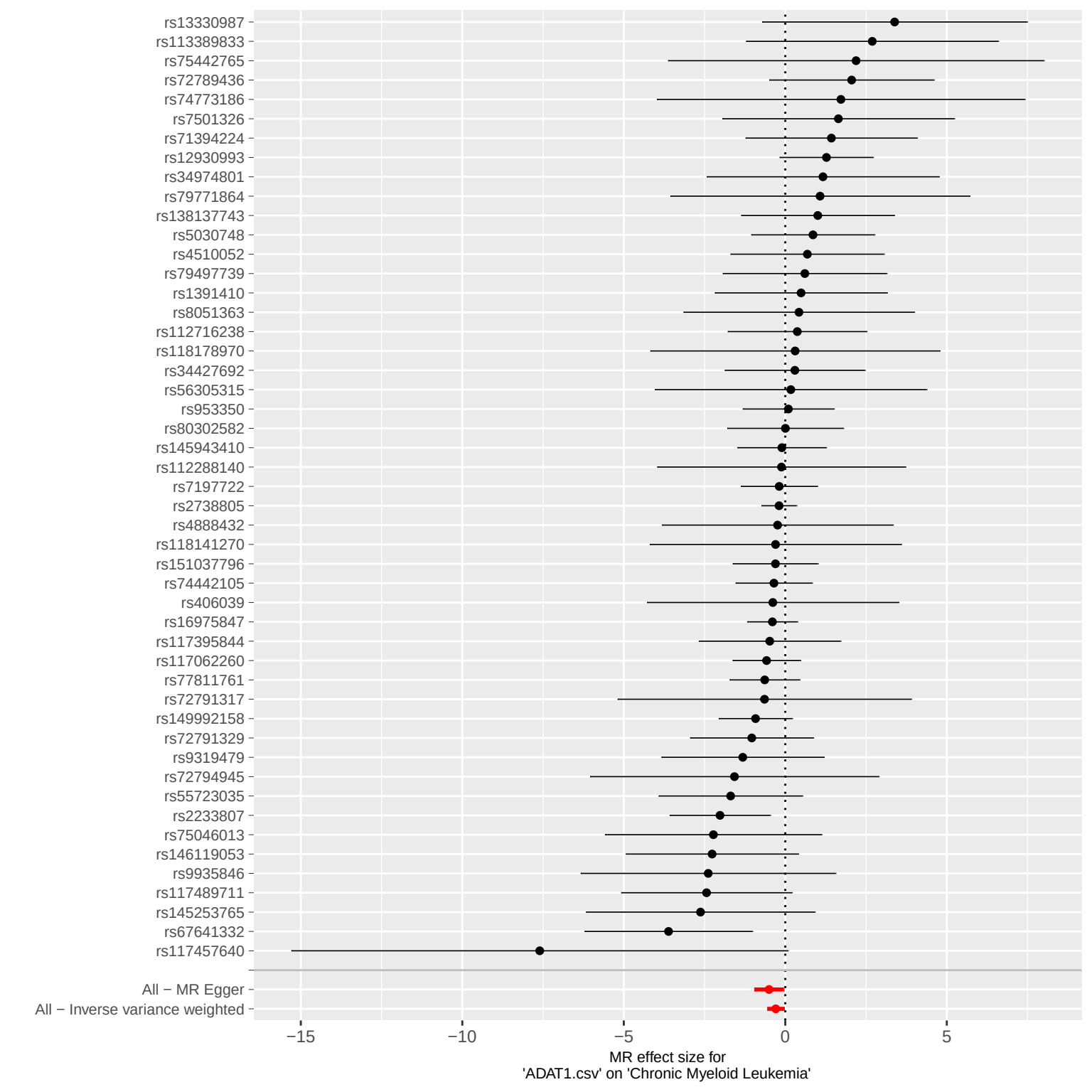
MR effect size for
'ADAP1.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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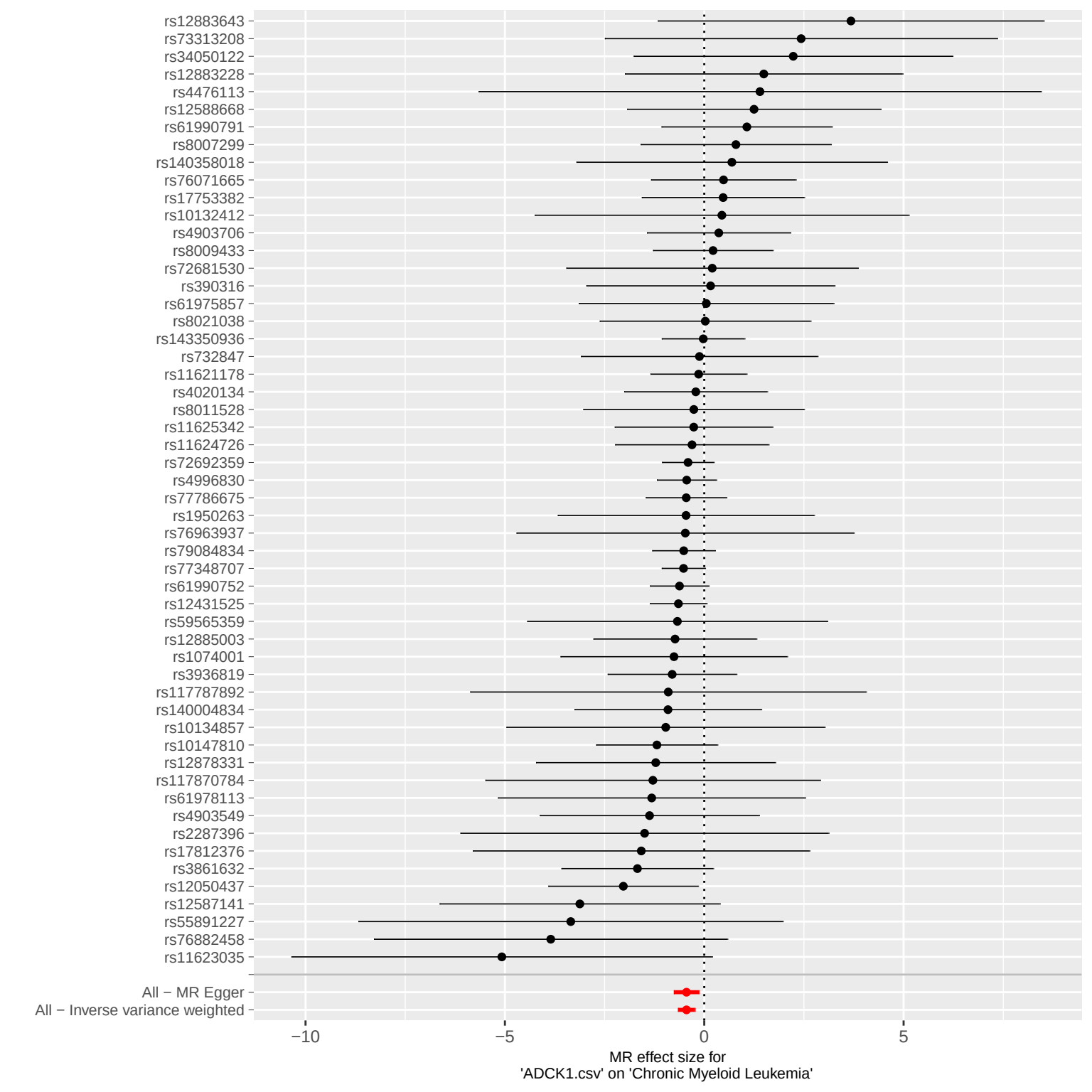
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MR effect size for
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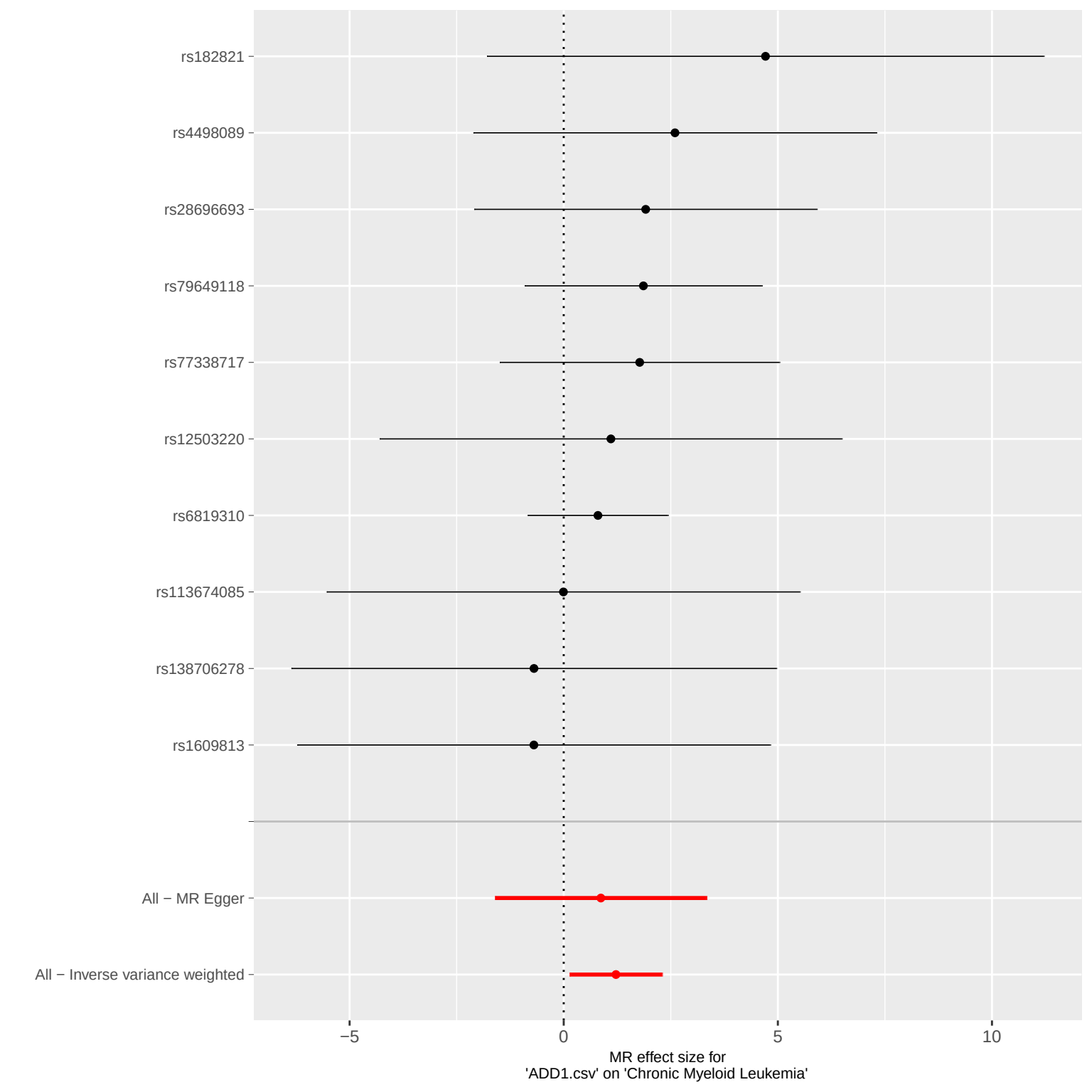
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All − Inverse variance weighted
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MR effect size for
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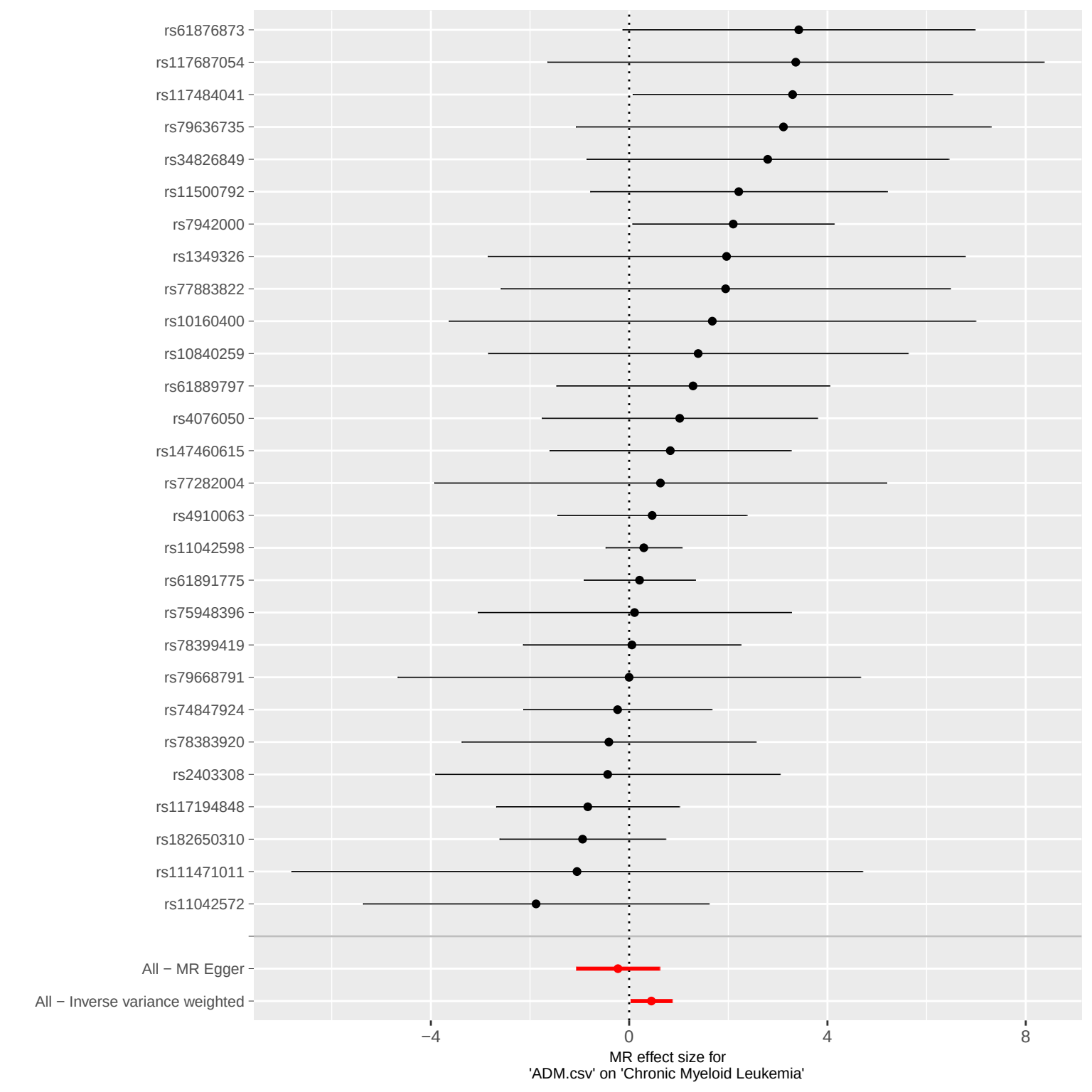
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All − Inverse variance weighted
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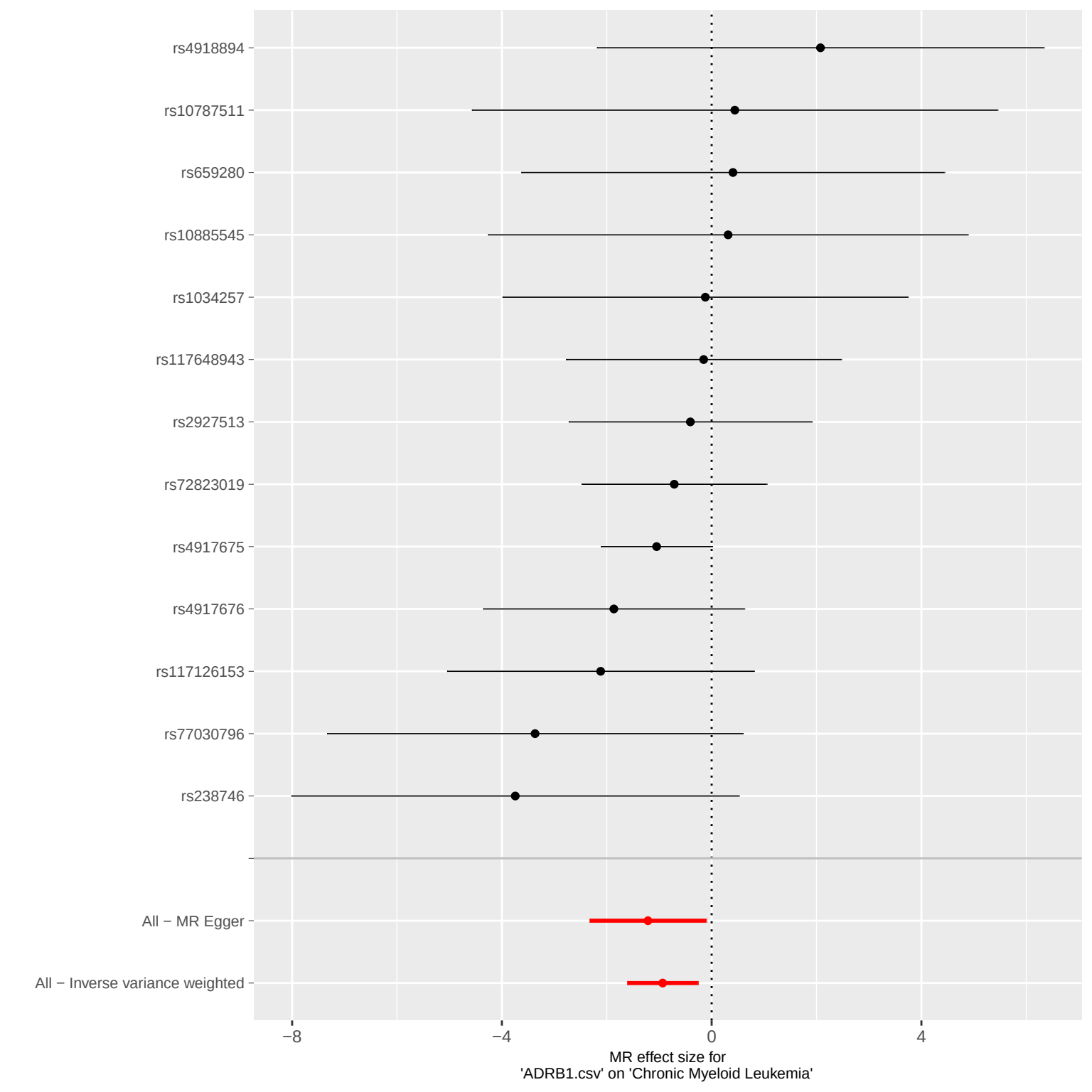
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All − Inverse variance weighted
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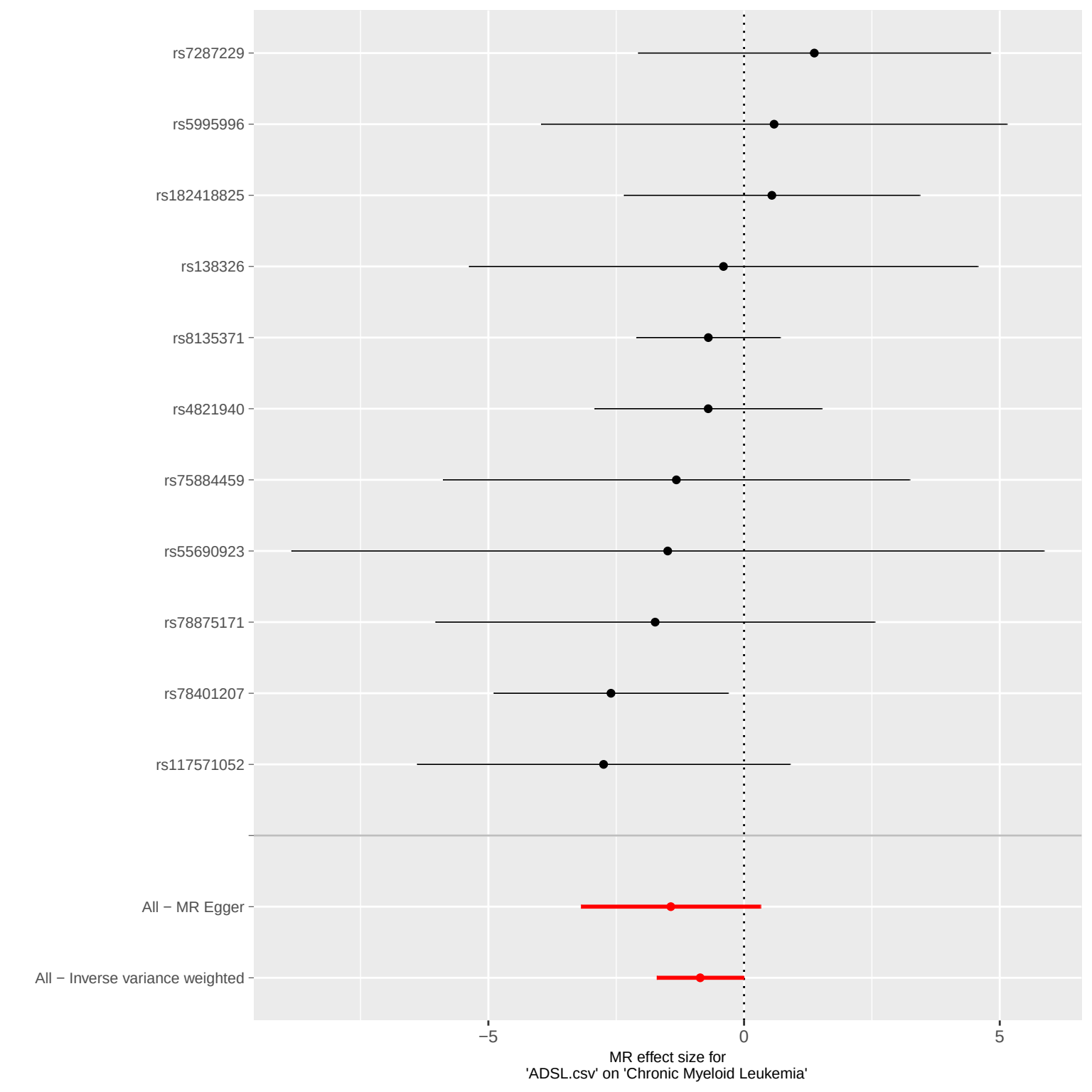
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All − Inverse variance weighted
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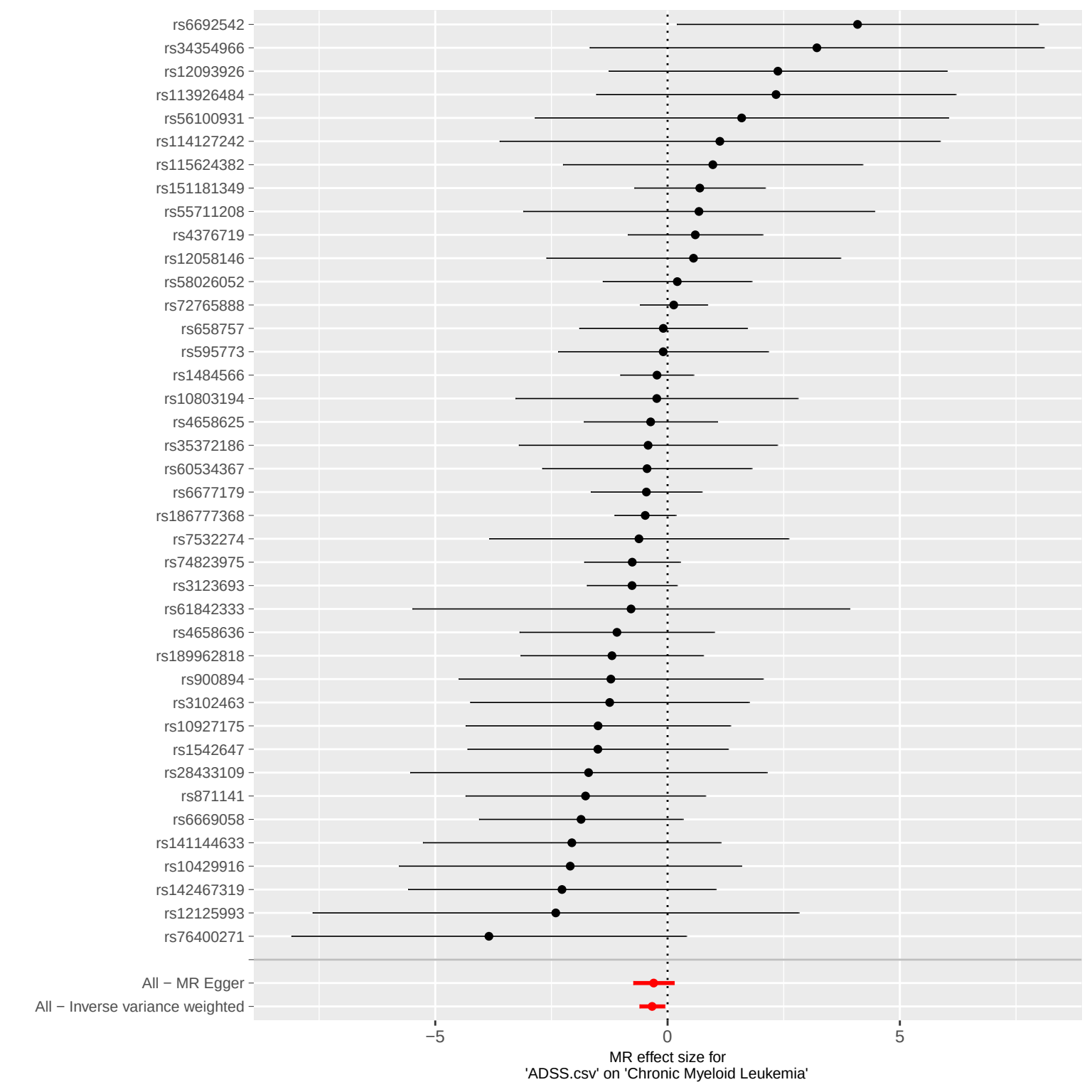
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All − Inverse variance weighted
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MR effect size for
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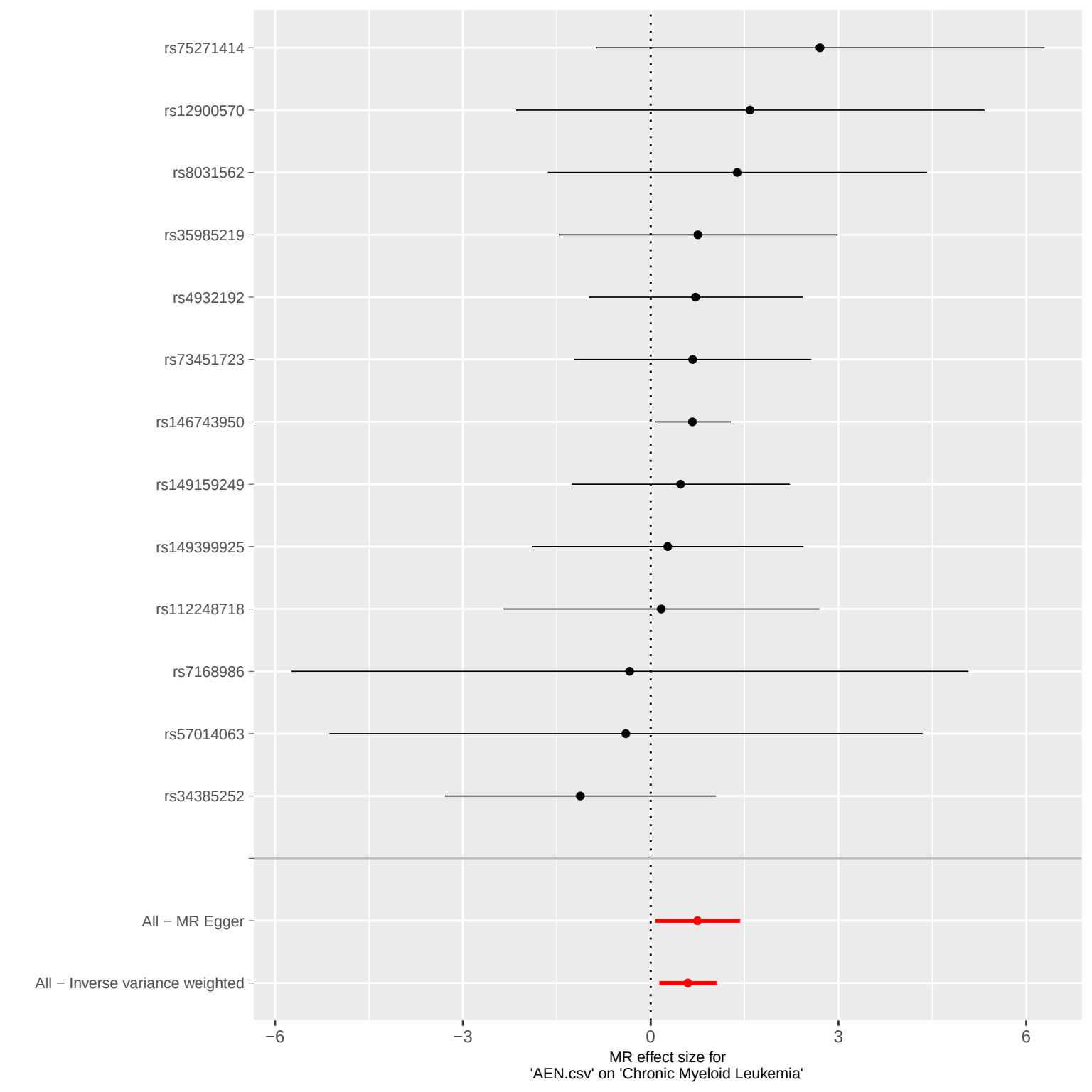
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rs57014063
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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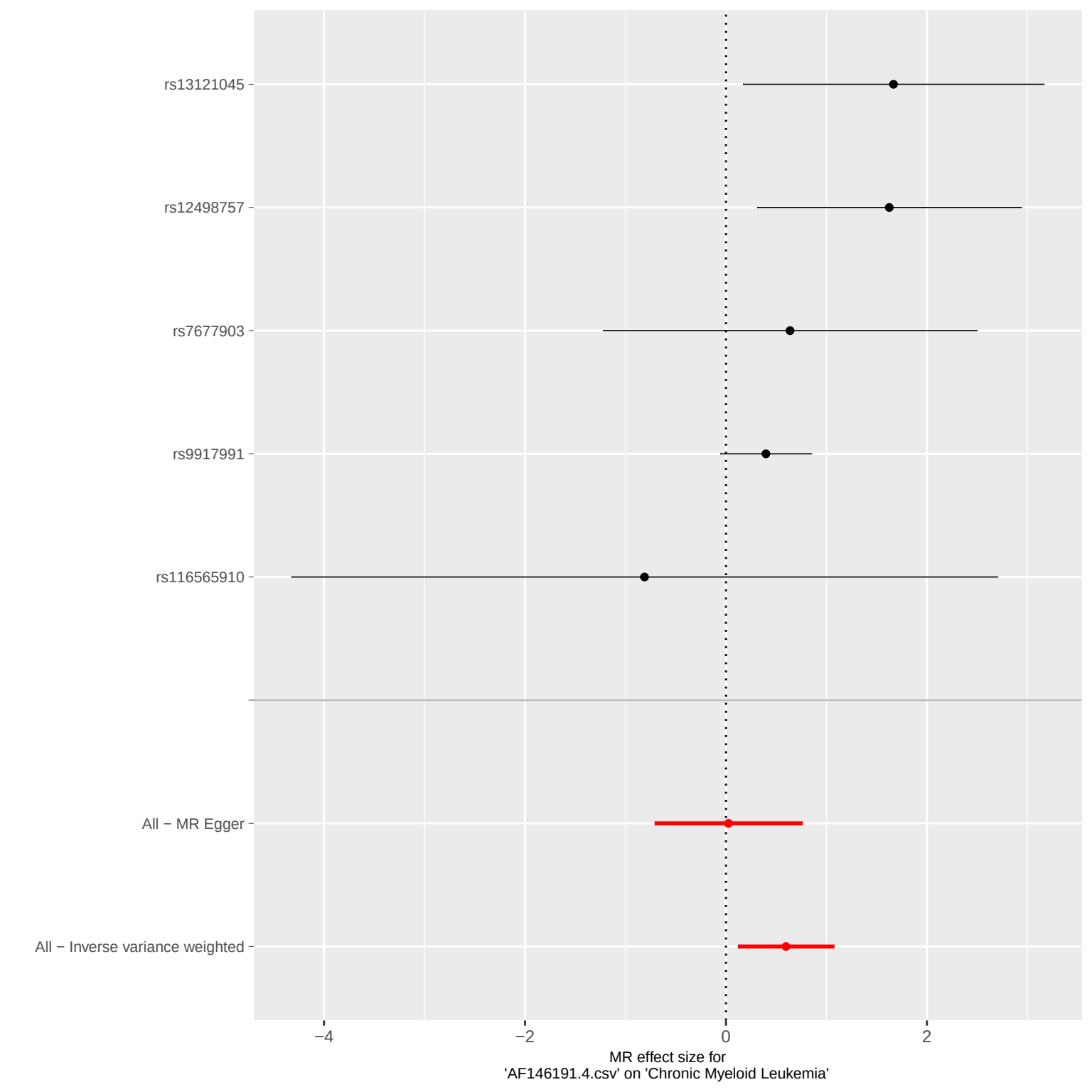
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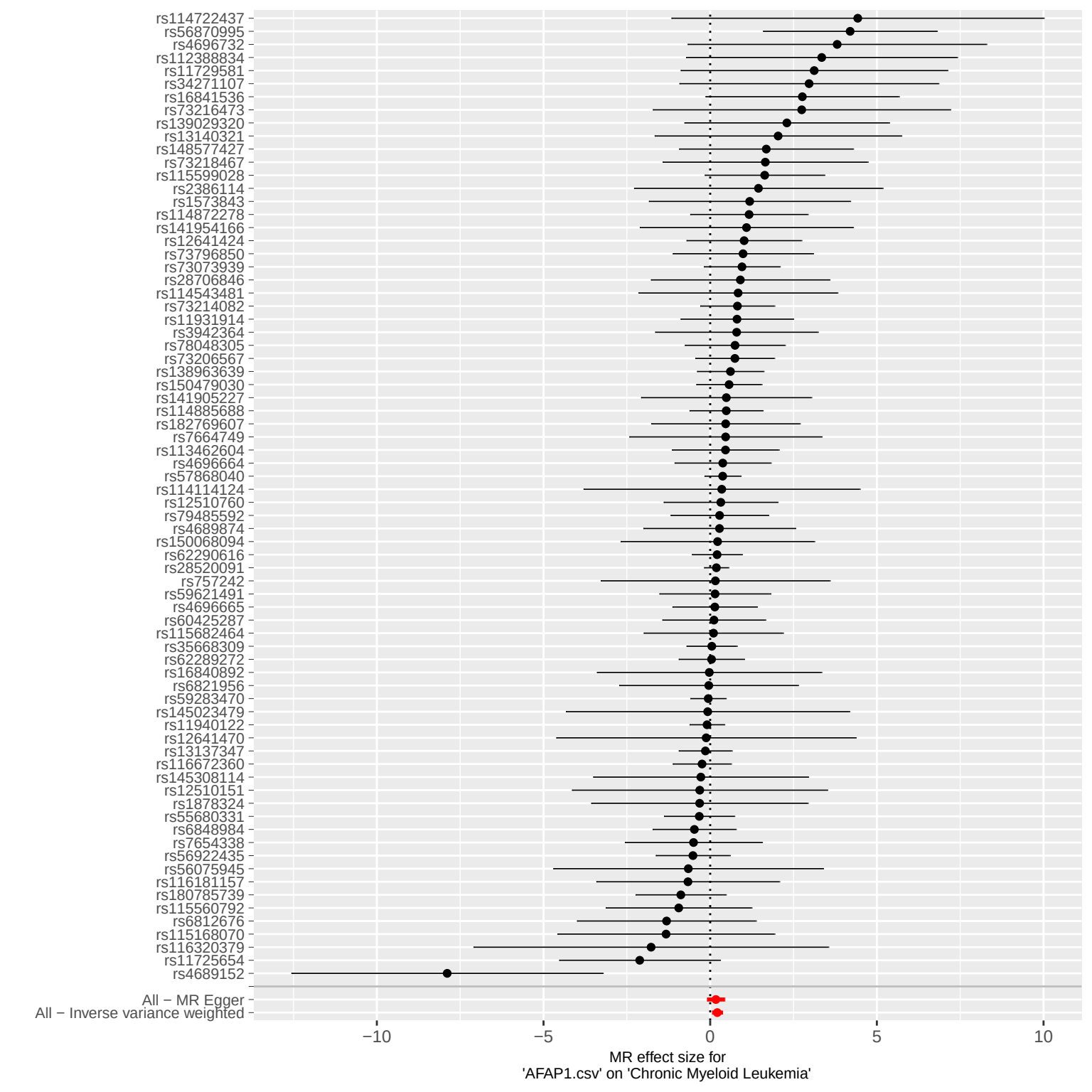
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All − Inverse variance weighted
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MR effect size for
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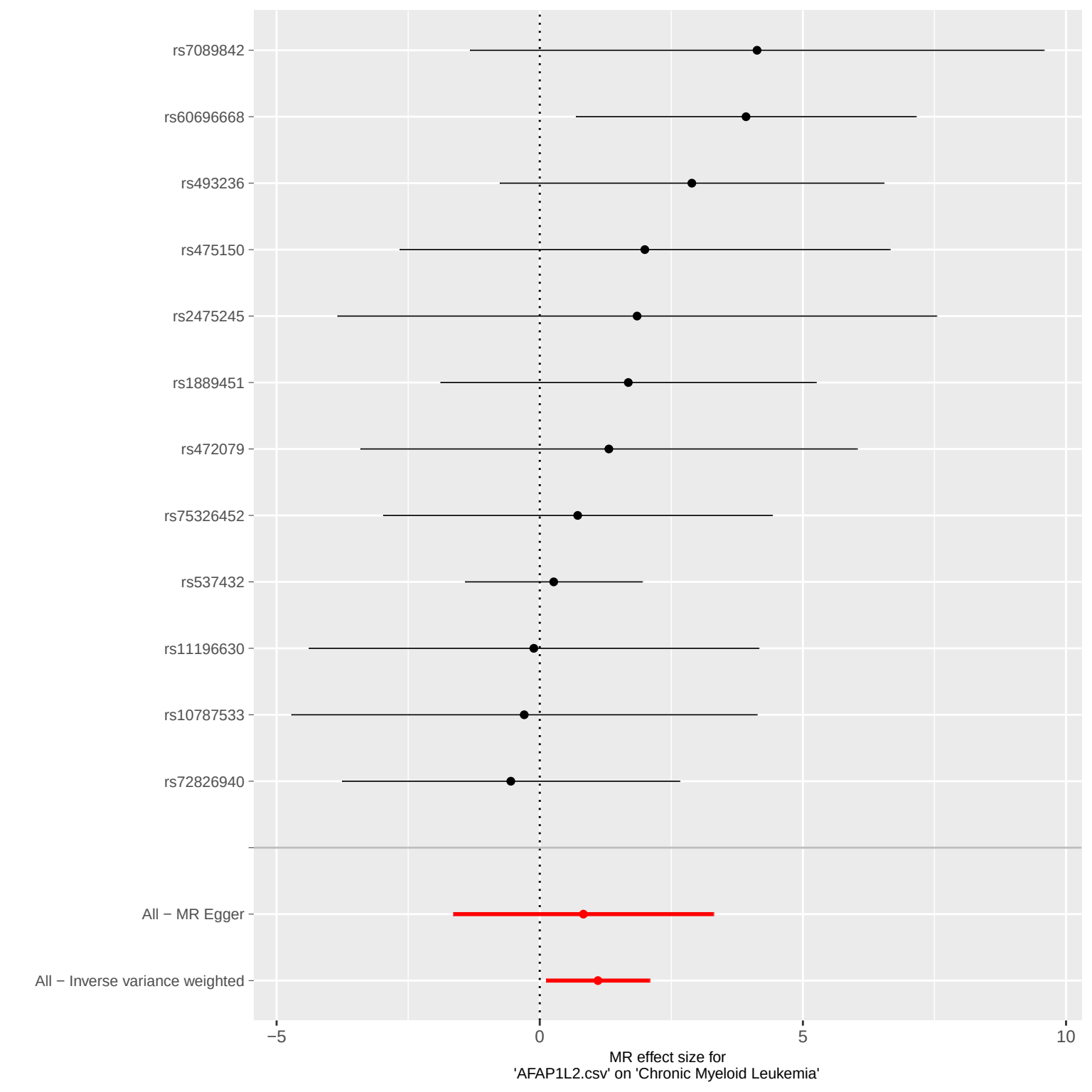
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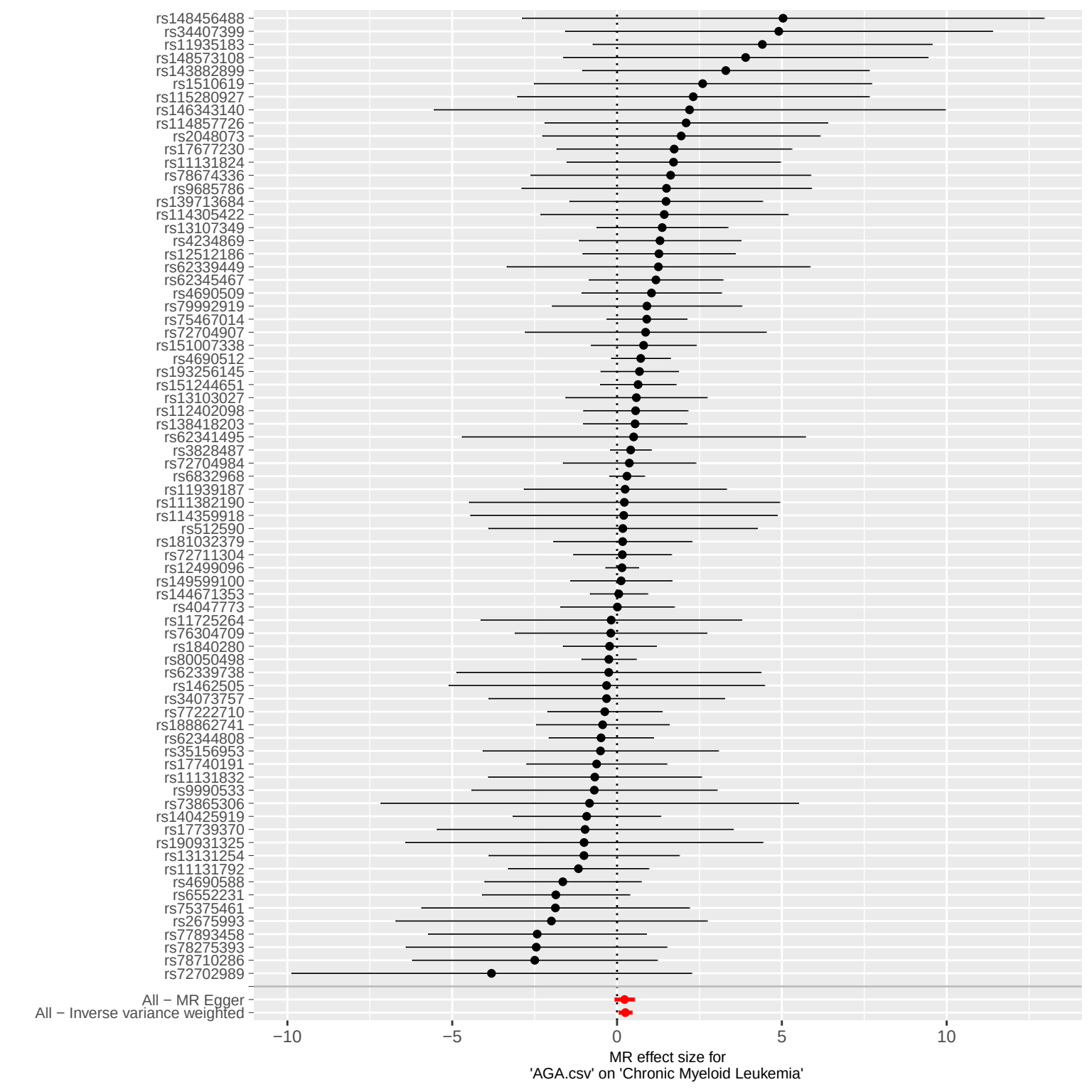
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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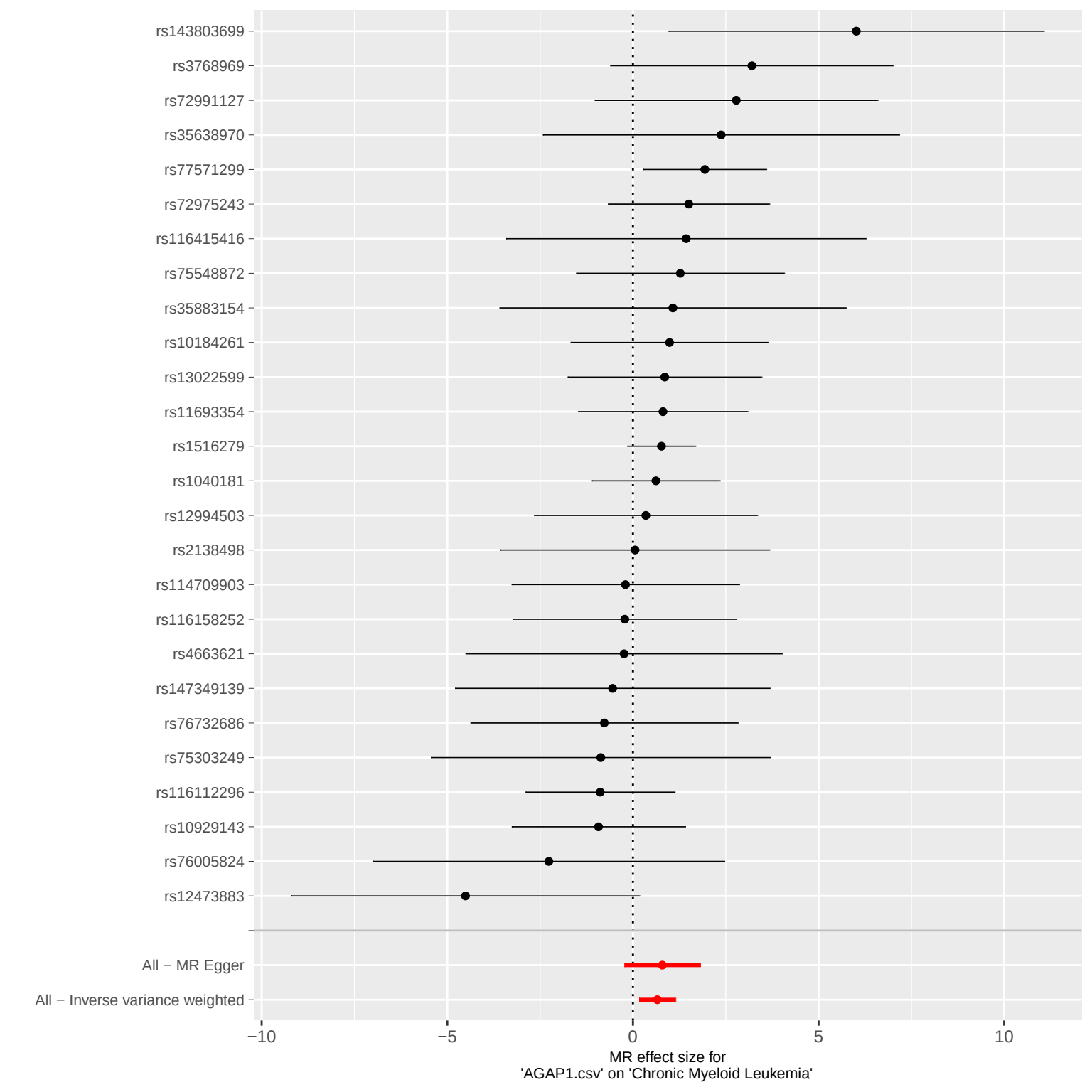
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MR effect size for
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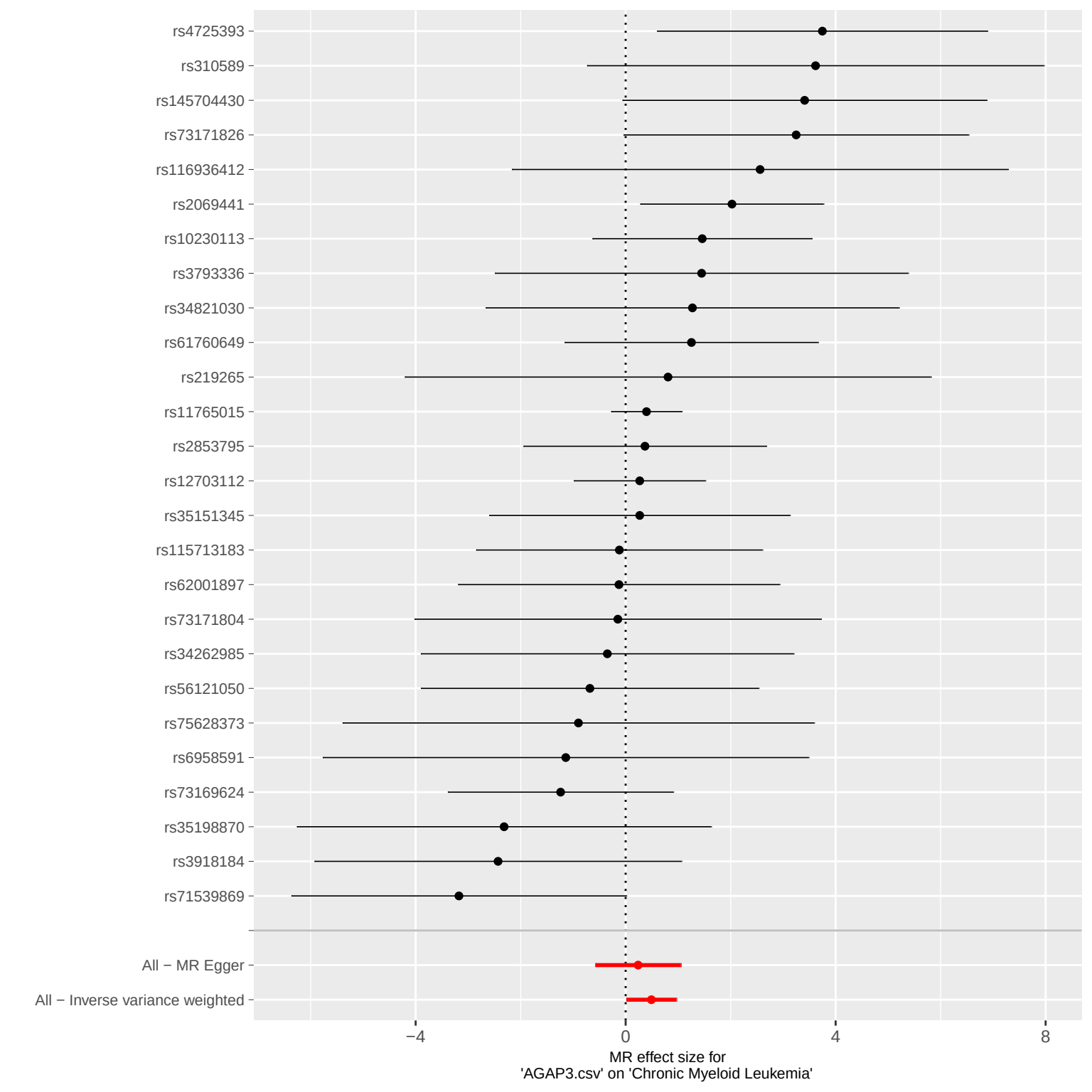
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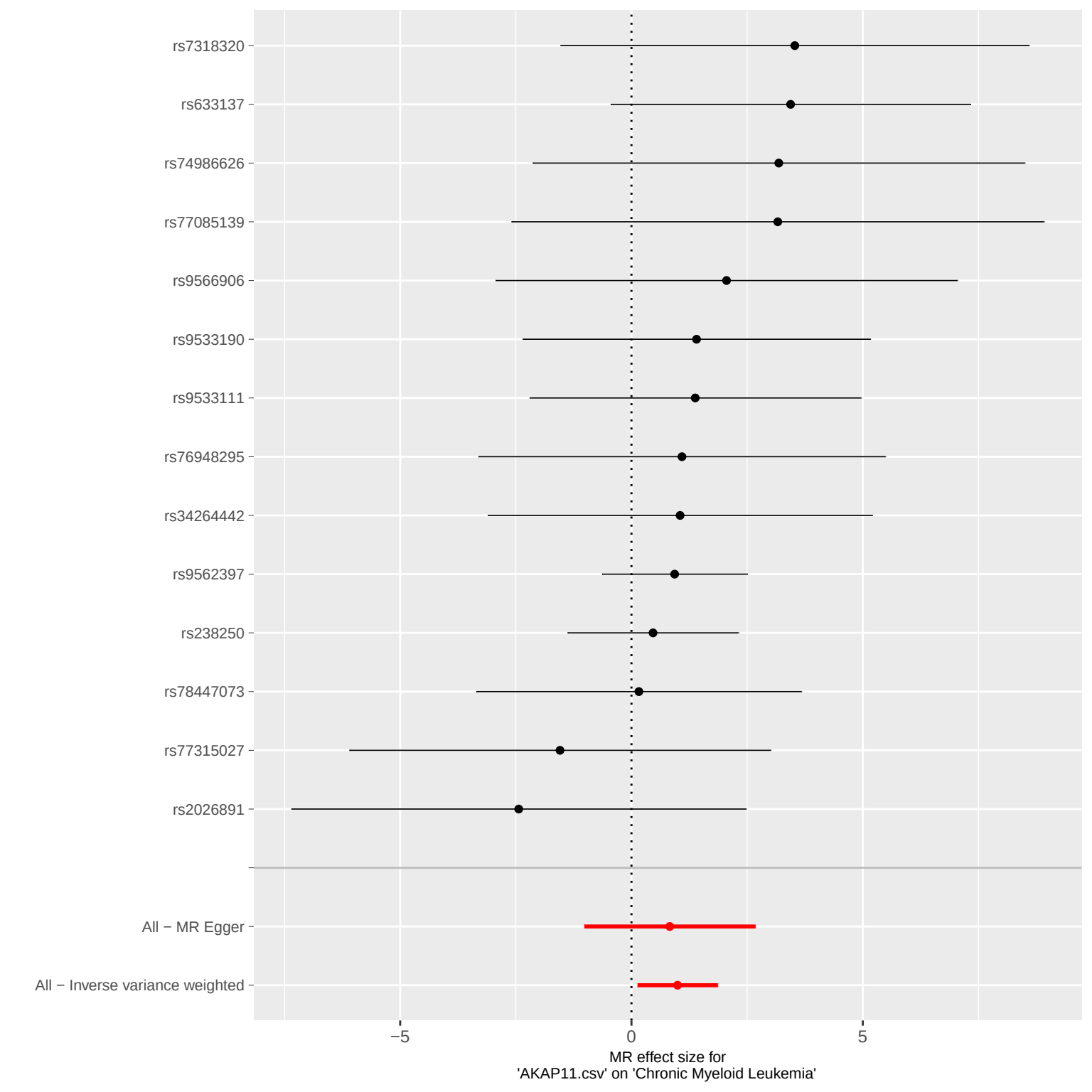
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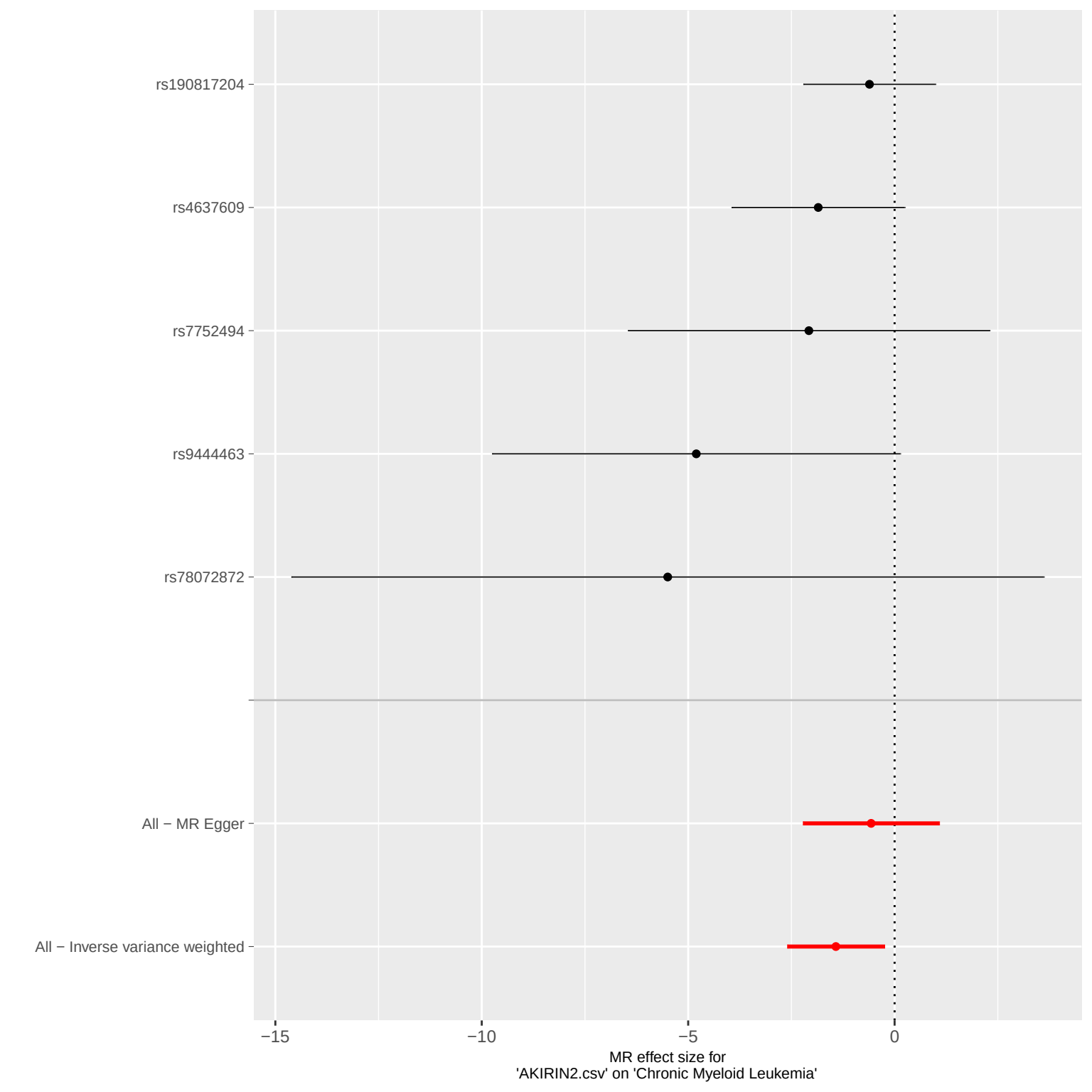
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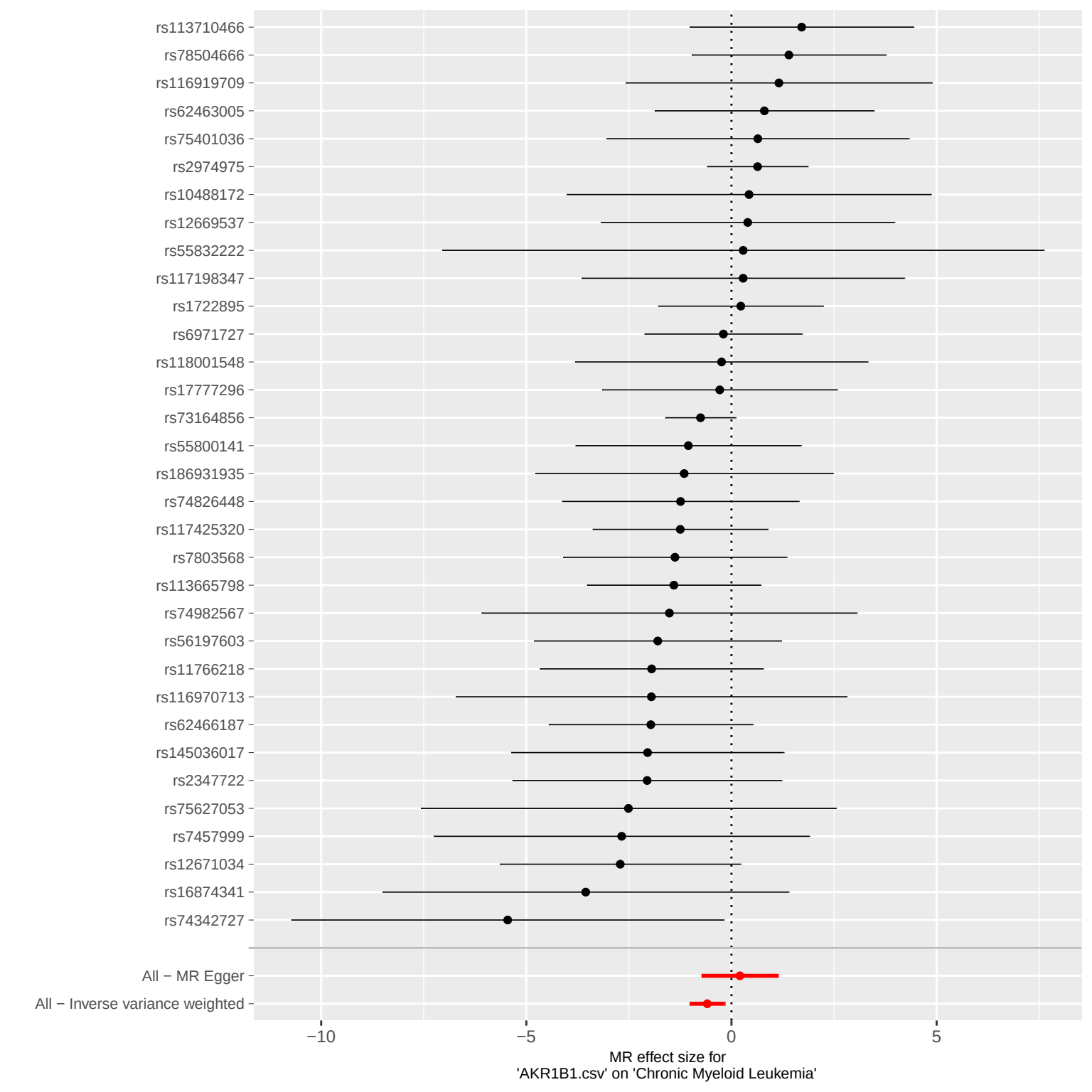
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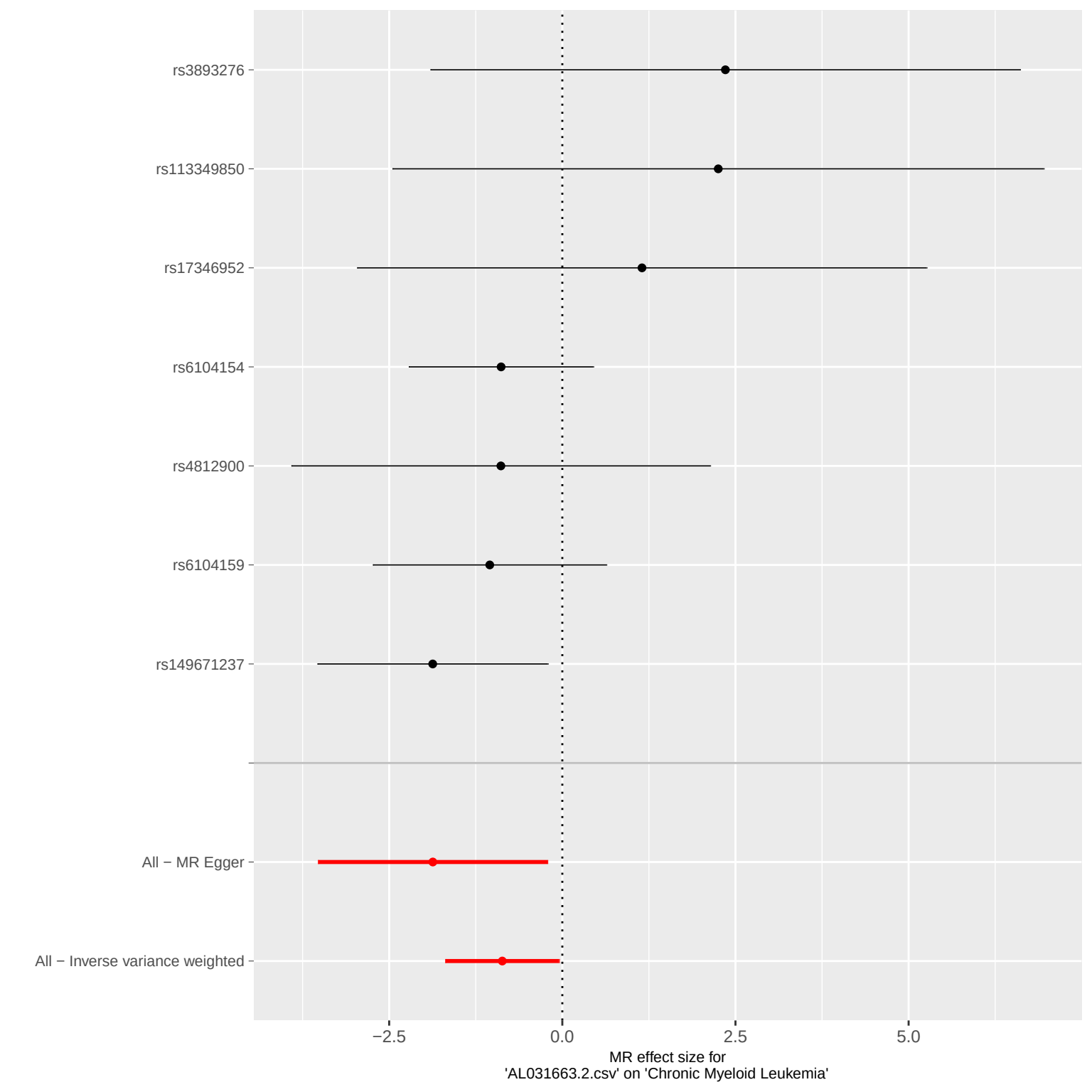
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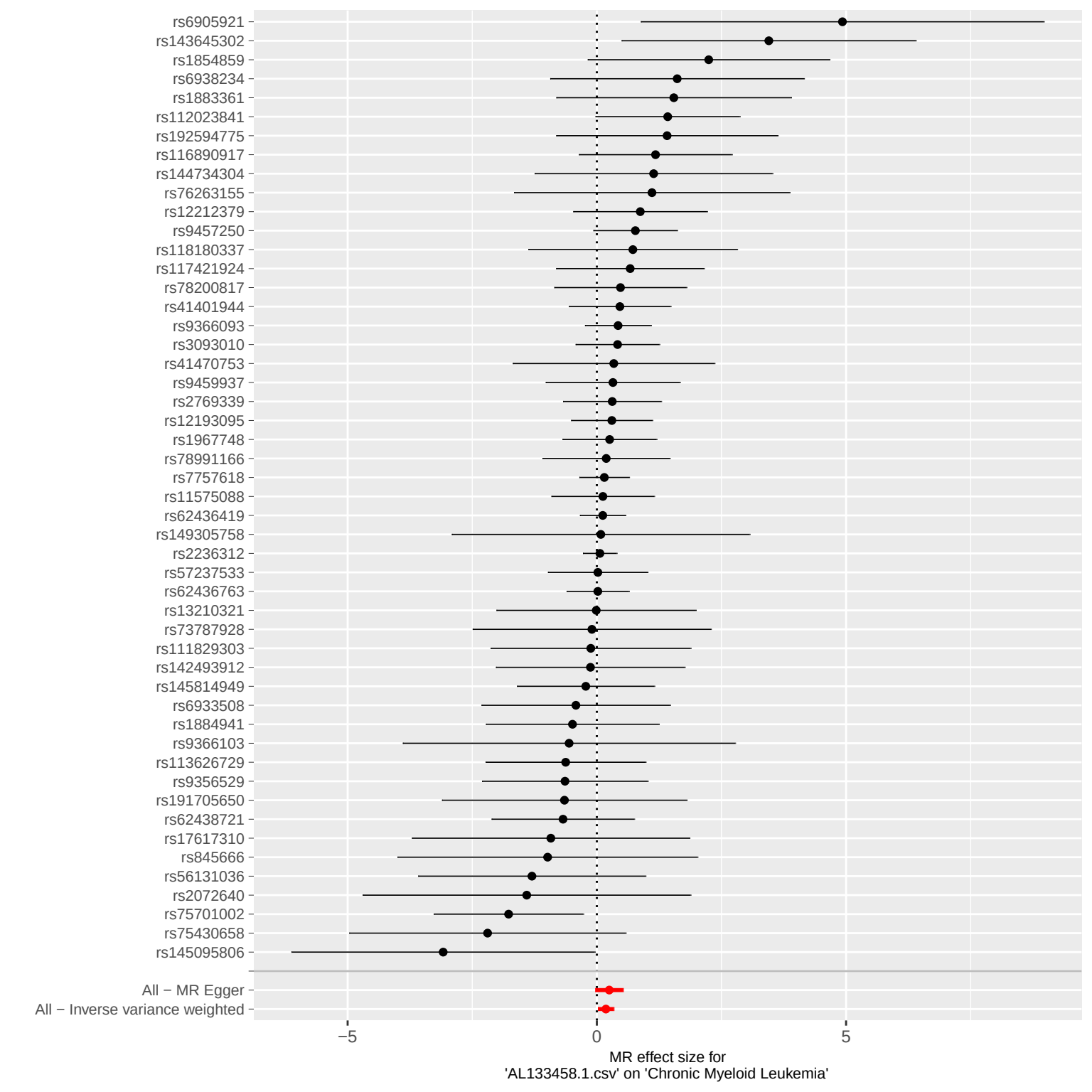
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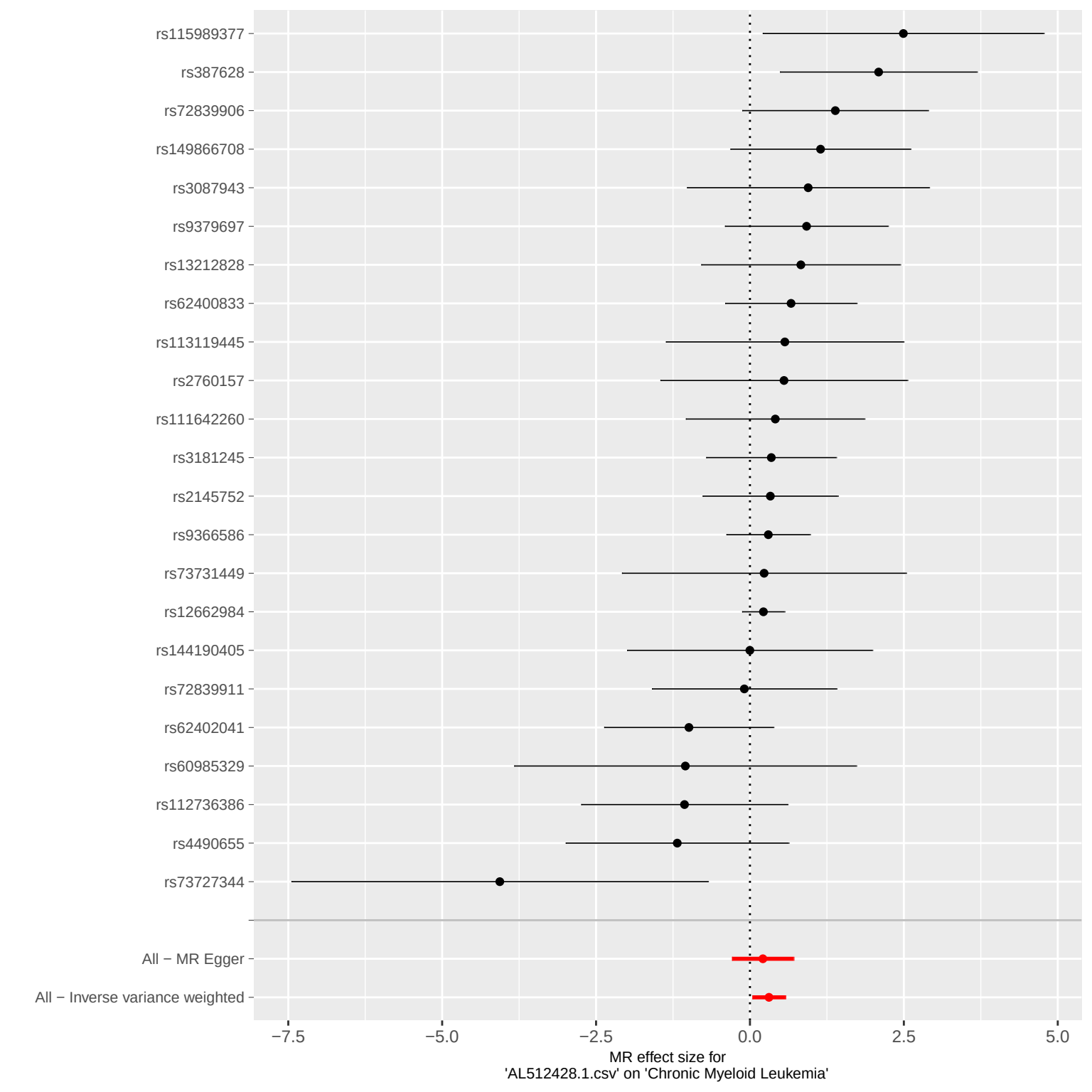
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All − MR Egger
All − Inverse variance weighted
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2.5
5.0
MR effect size for
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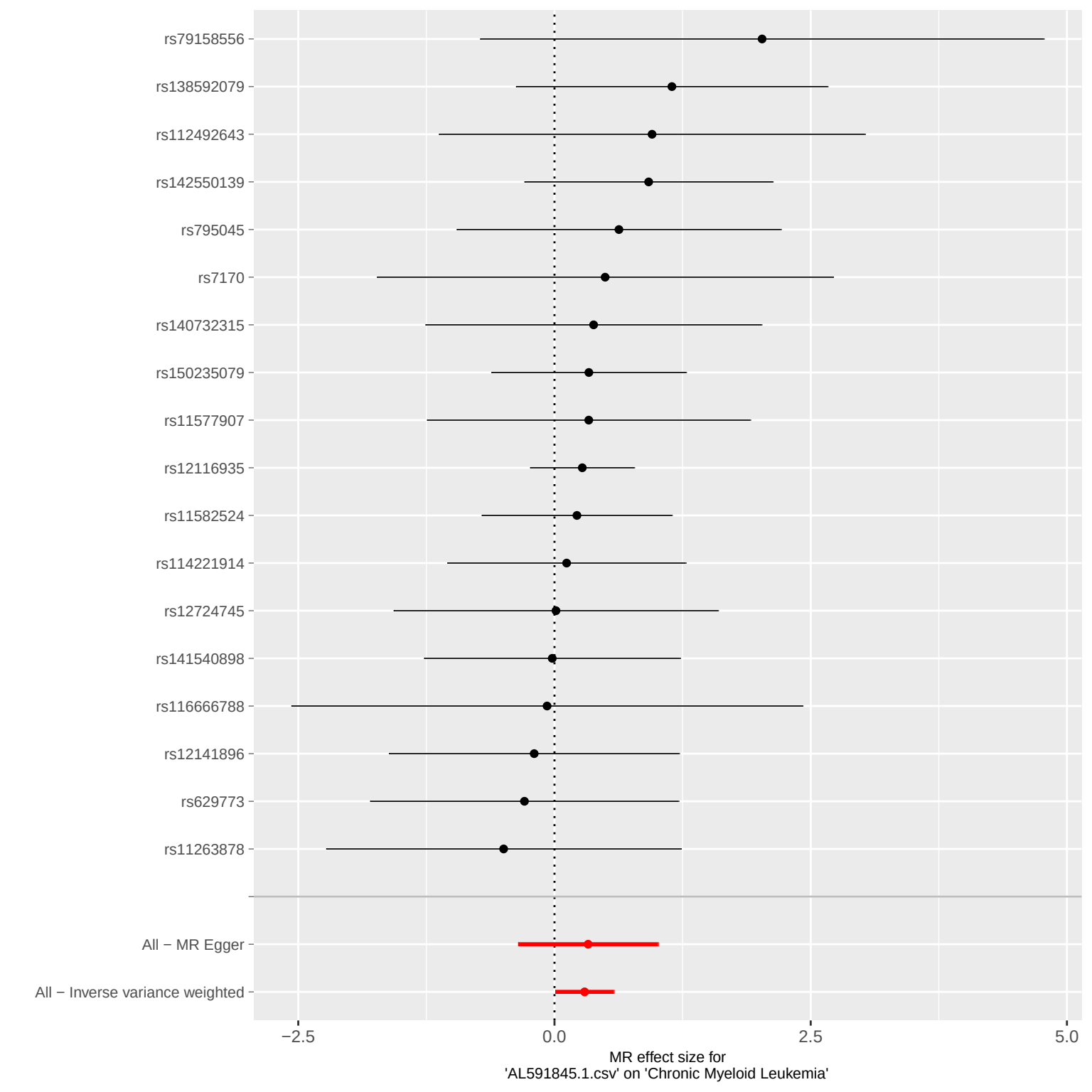
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5.0
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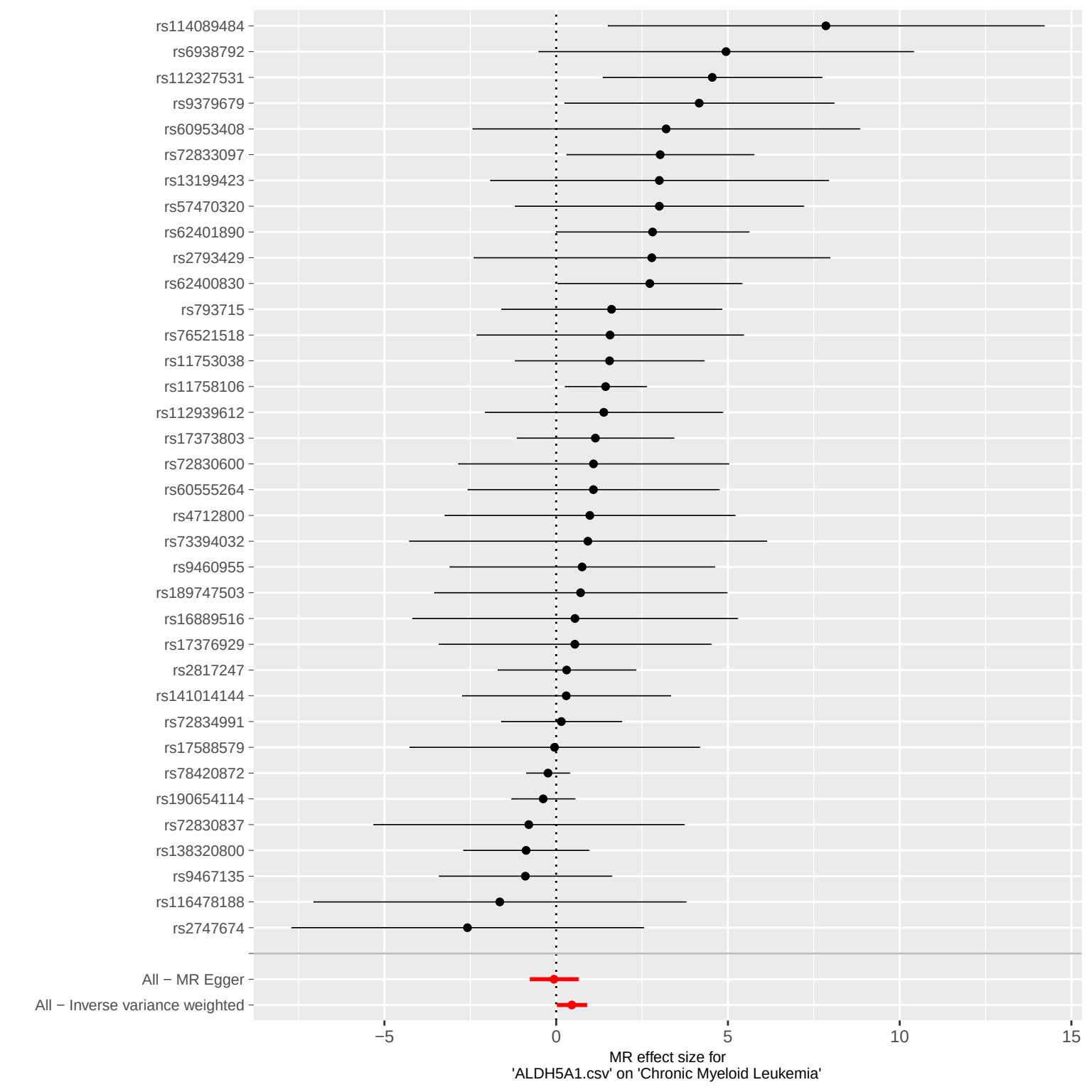
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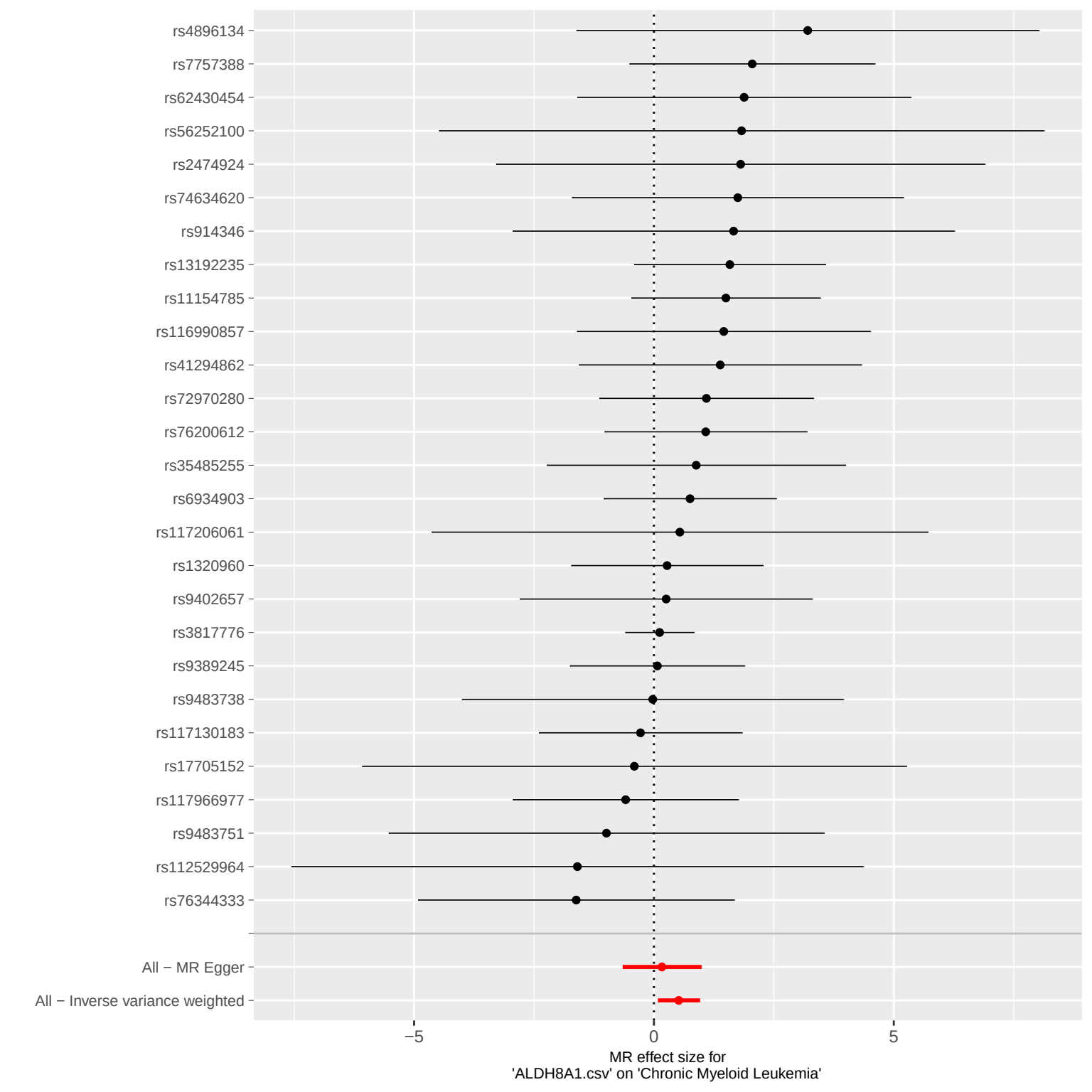
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rs9483751
rs112529964
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All − MR Egger
All − Inverse variance weighted
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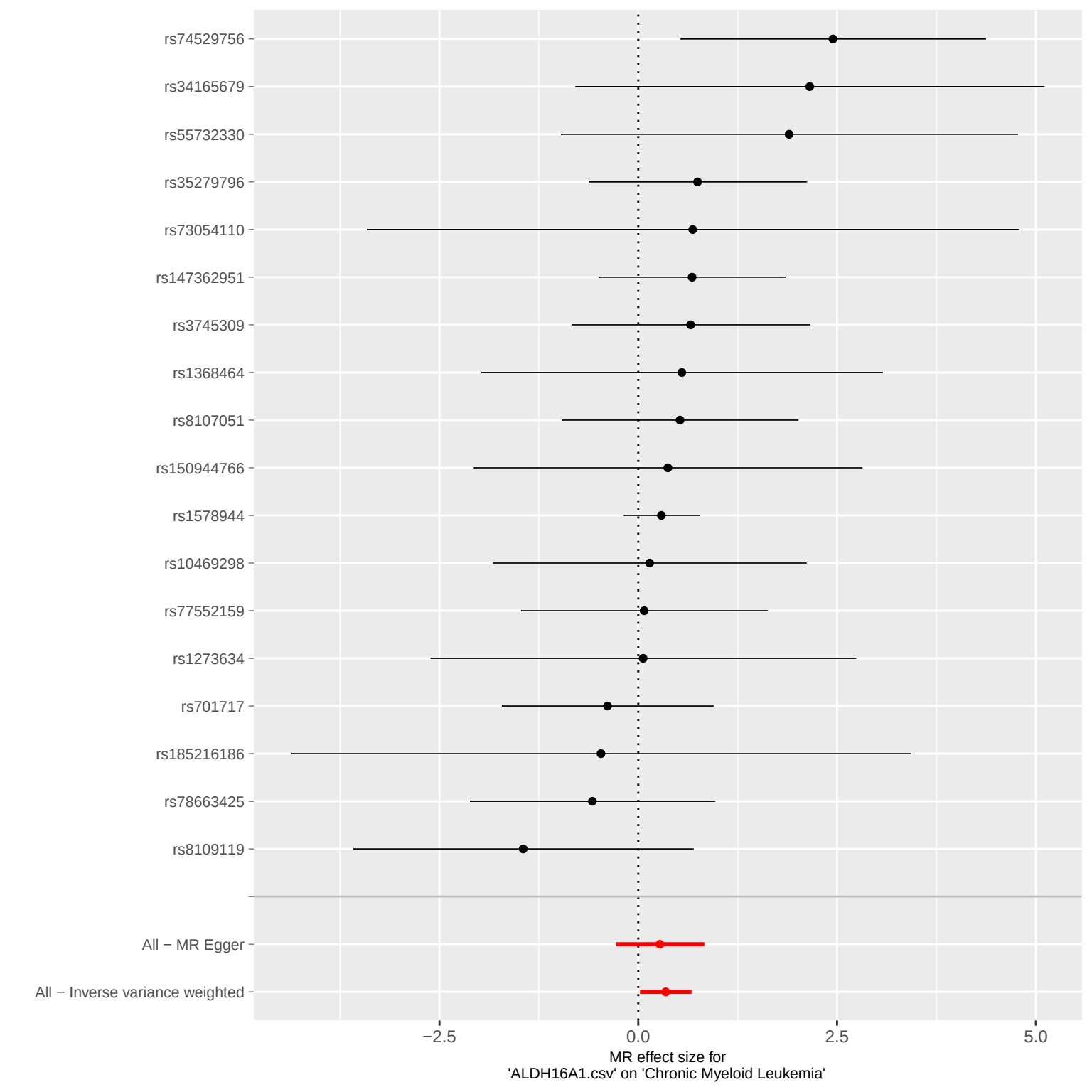
MR effect size for
'ALDH8A1.csv' on 'Chronic Myeloid Leukemia'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rs8109119
All − MR Egger
All − Inverse variance weighted
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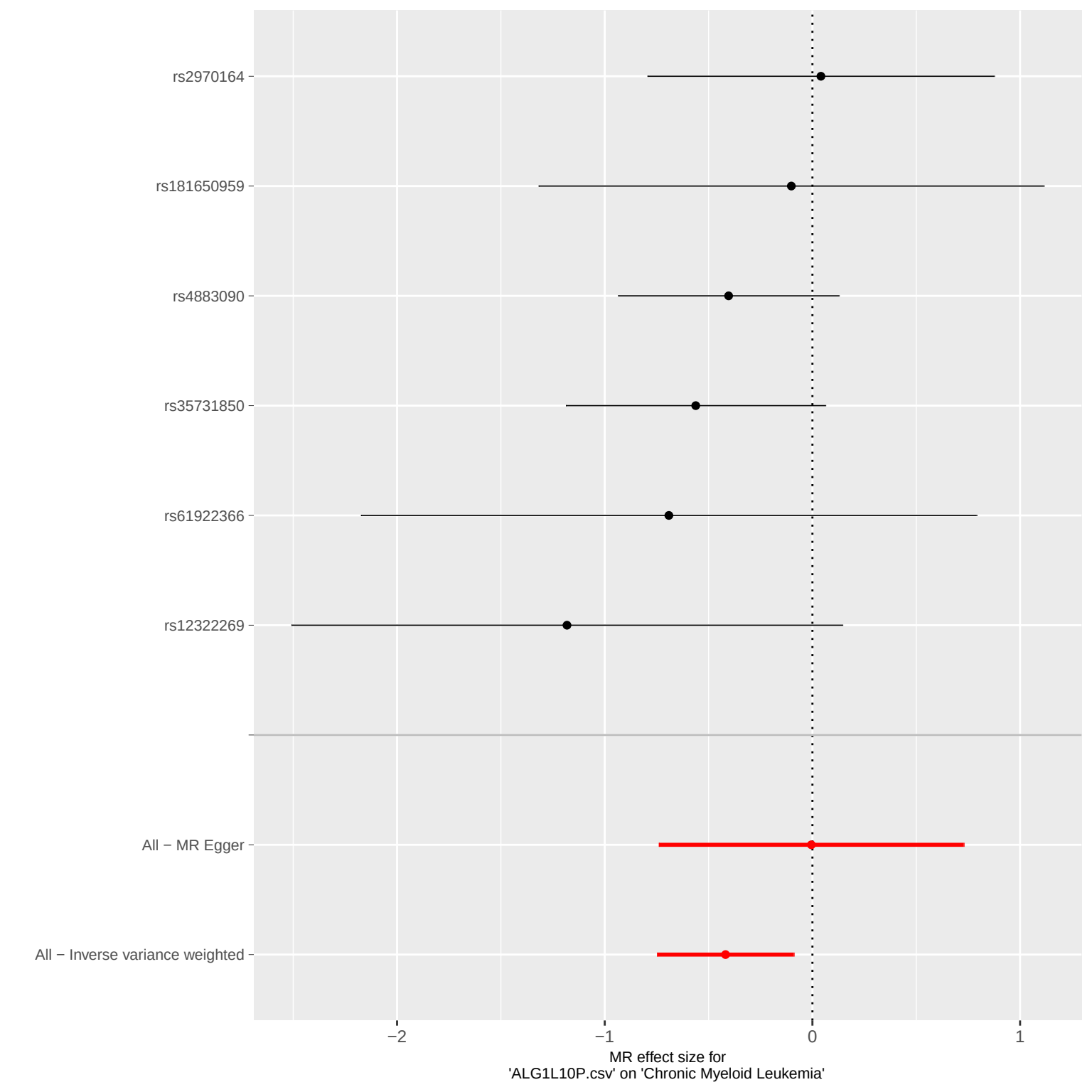
5.0
MR effect size for
'ALDH16A1.csv' on 'Chronic Myeloid Leukemia'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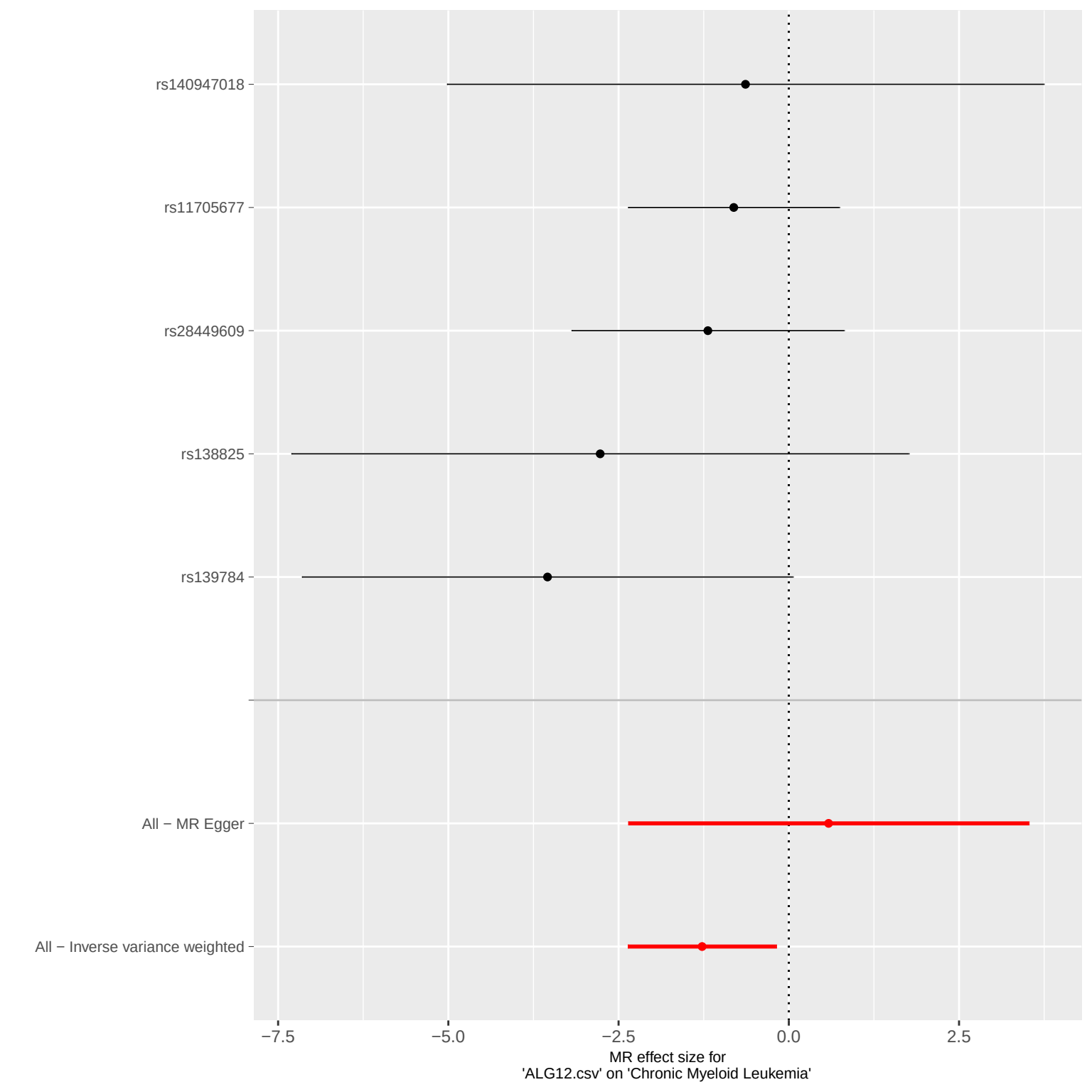
rs181650959
rs4883090
rs35731850
rs61922366
rs12322269
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'ALG1L10P.csv' on 'Chronic Myeloid Leukemia'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rs11705677
rs28449609
rs138825
rs139784
All − MR Egger
All − Inverse variance weighted
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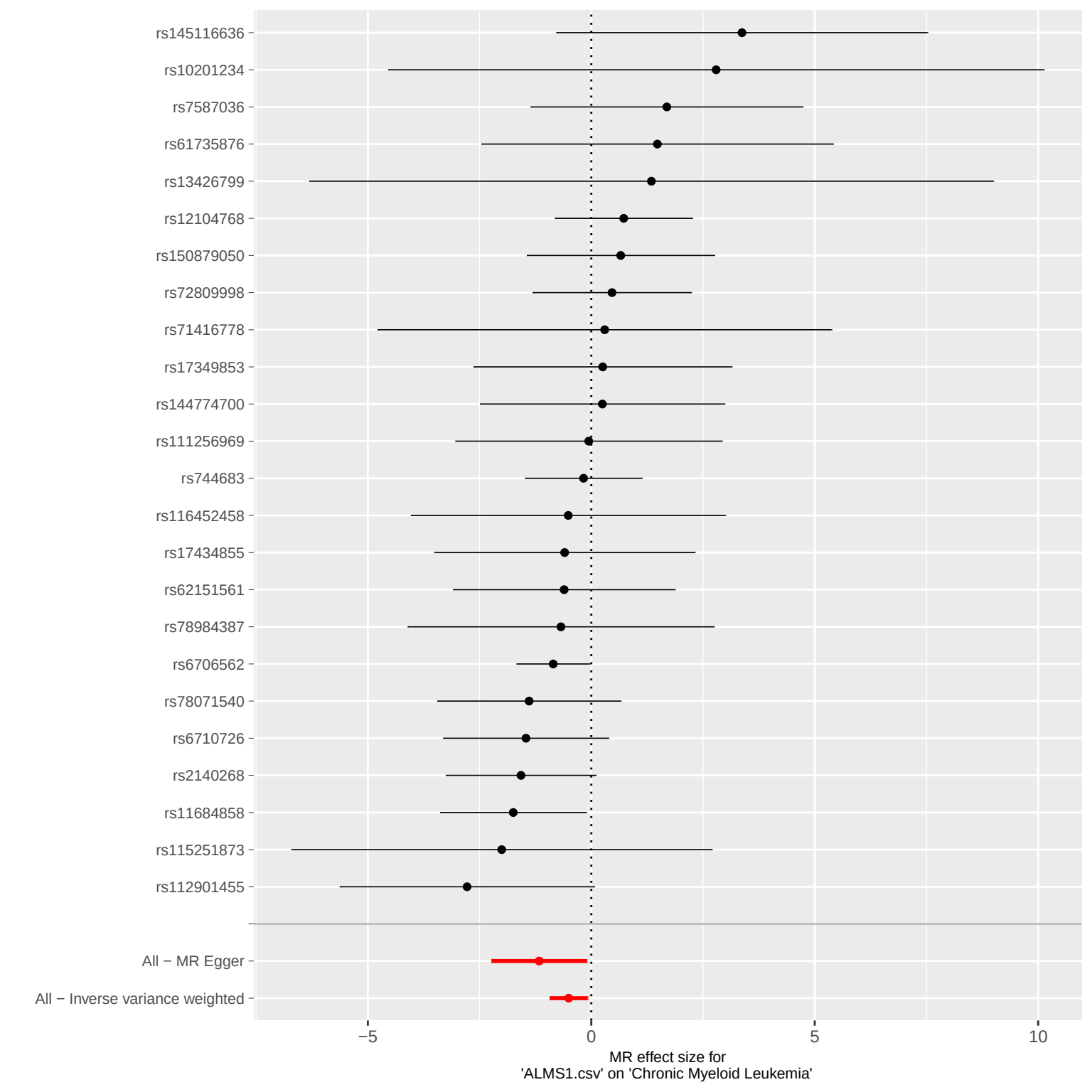
−2.5
0.0
2.5
MR effect size for
'ALG12.csv' on 'Chronic Myeloid Leukemia'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rs17434855
rs62151561
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rs6706562
rs78071540
rs6710726
rs2140268
rs11684858
rs115251873
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All − MR Egger
All − Inverse variance weighted
−5
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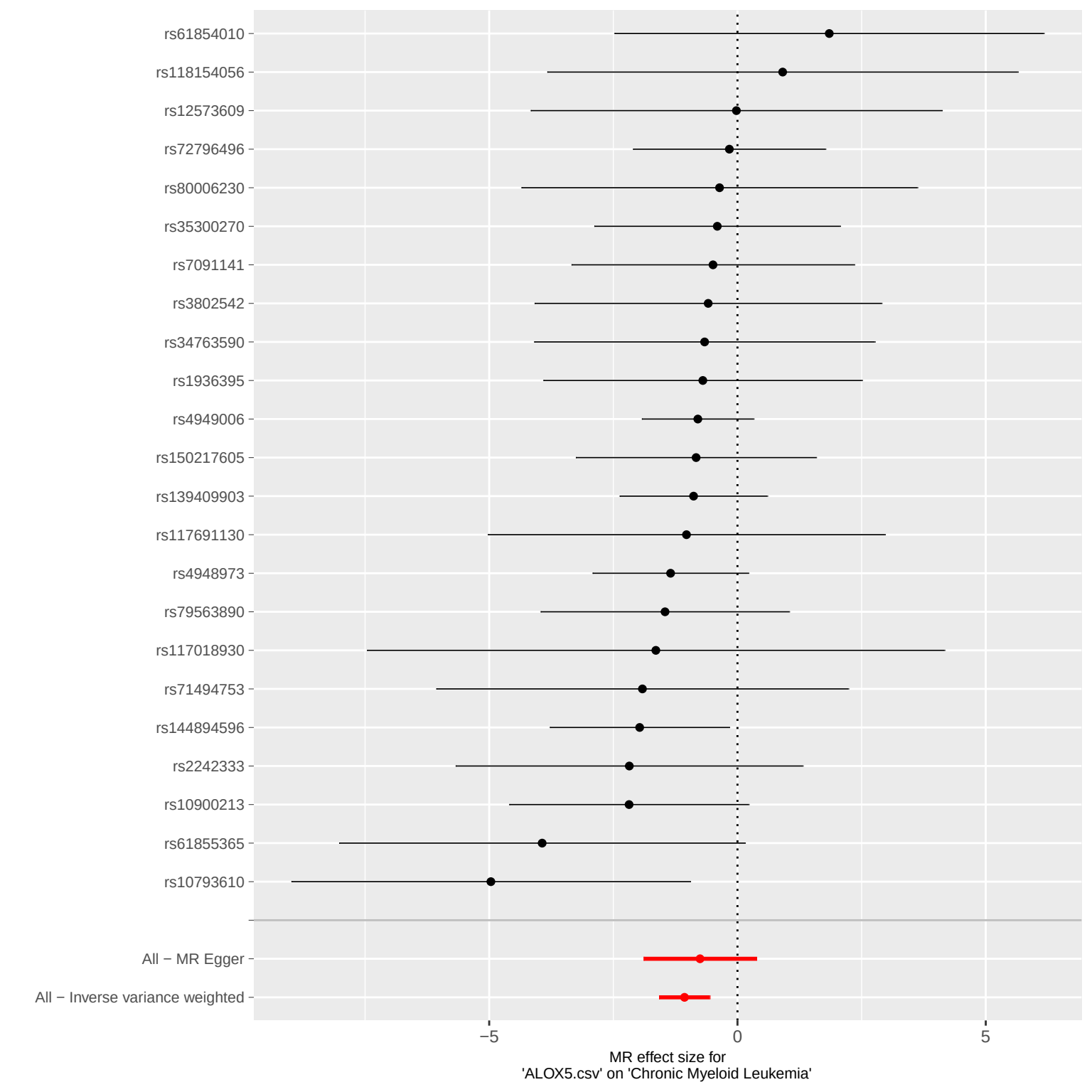
10
MR effect size for
'ALMS1.csv' on 'Chronic Myeloid Leukemia'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rs144894596
rs2242333
rs10900213
rs61855365
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All − MR Egger
All − Inverse variance weighted
−5
0
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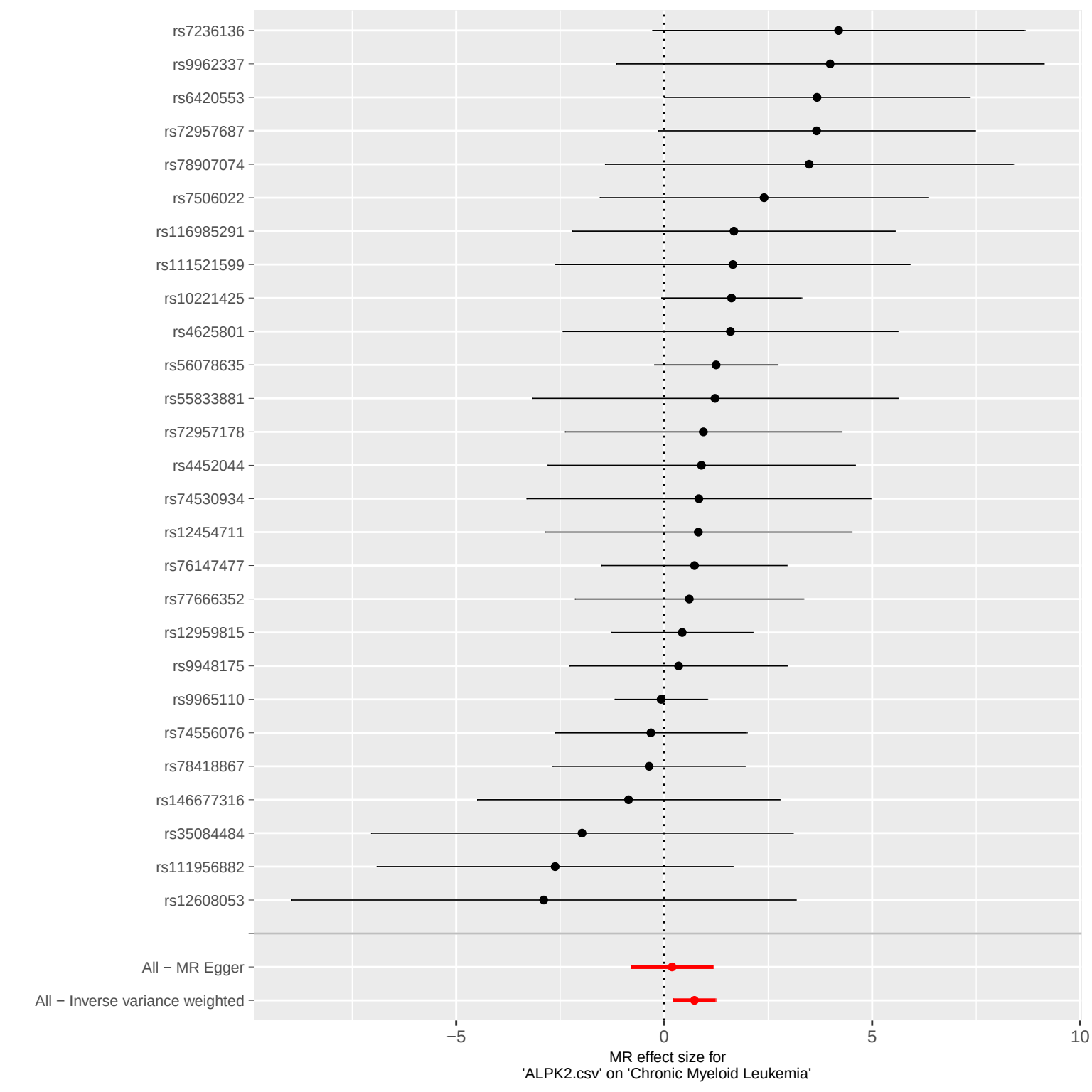
MR effect size for
'ALOX5.csv' on 'Chronic Myeloid Leukemia'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rs72957178
rs4452044
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rs77666352
rs12959815
rs9948175
rs9965110
rs74556076
rs78418867
rs146677316
rs35084484
rs111956882
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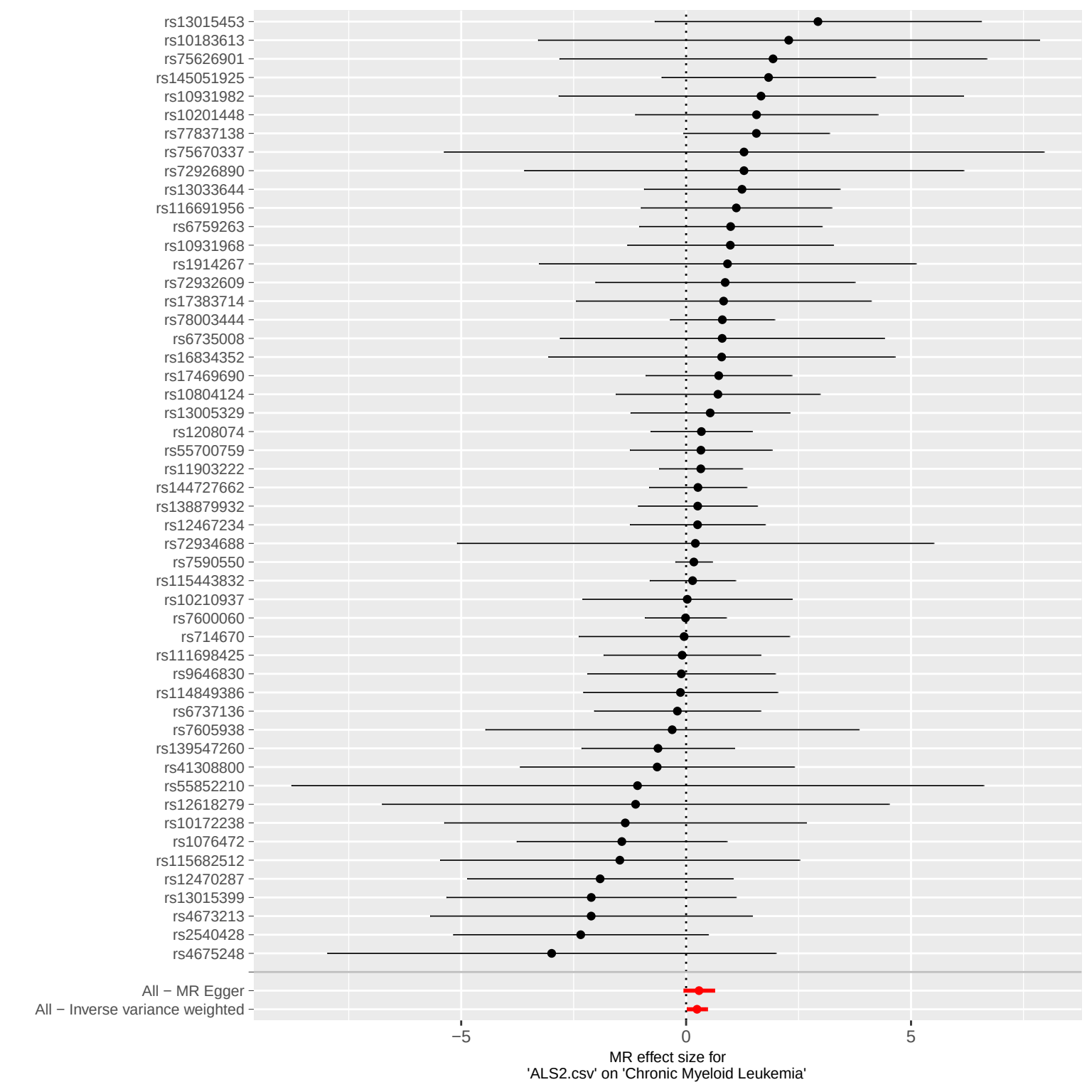
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ALPK2.csv' on 'Chronic Myeloid Leukemia'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rs10931968
rs1914267
rs72932609
rs17383714
rs78003444
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rs16834352
rs17469690
rs10804124
rs13005329
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rs55852210
rs12618279
rs10172238
rs1076472
rs115682512
rs12470287
rs13015399
rs4673213
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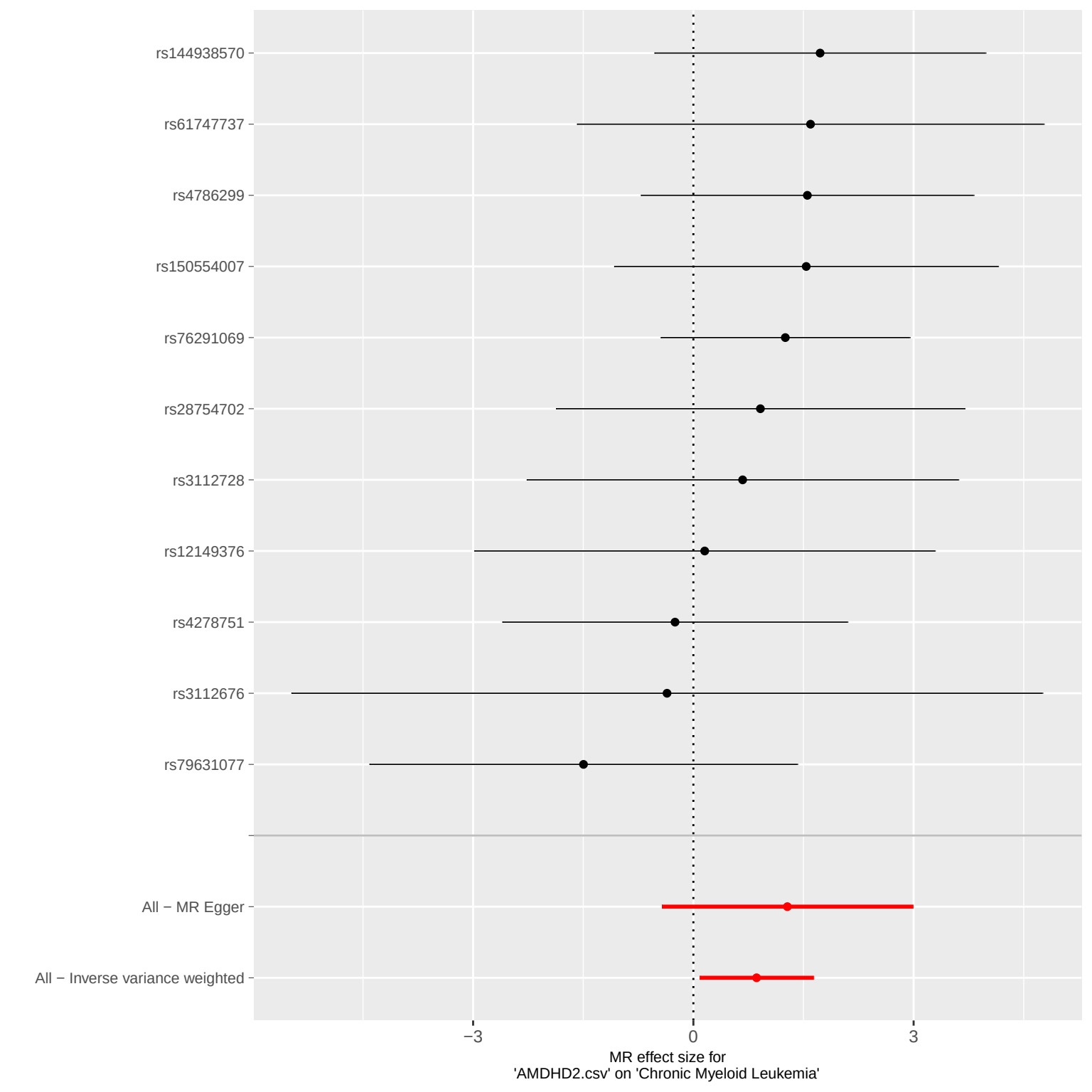
rs4675248
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ALS2.csv' on 'Chronic Myeloid Leukemia'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rs3112676
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All − MR Egger
All − Inverse variance weighted
−3
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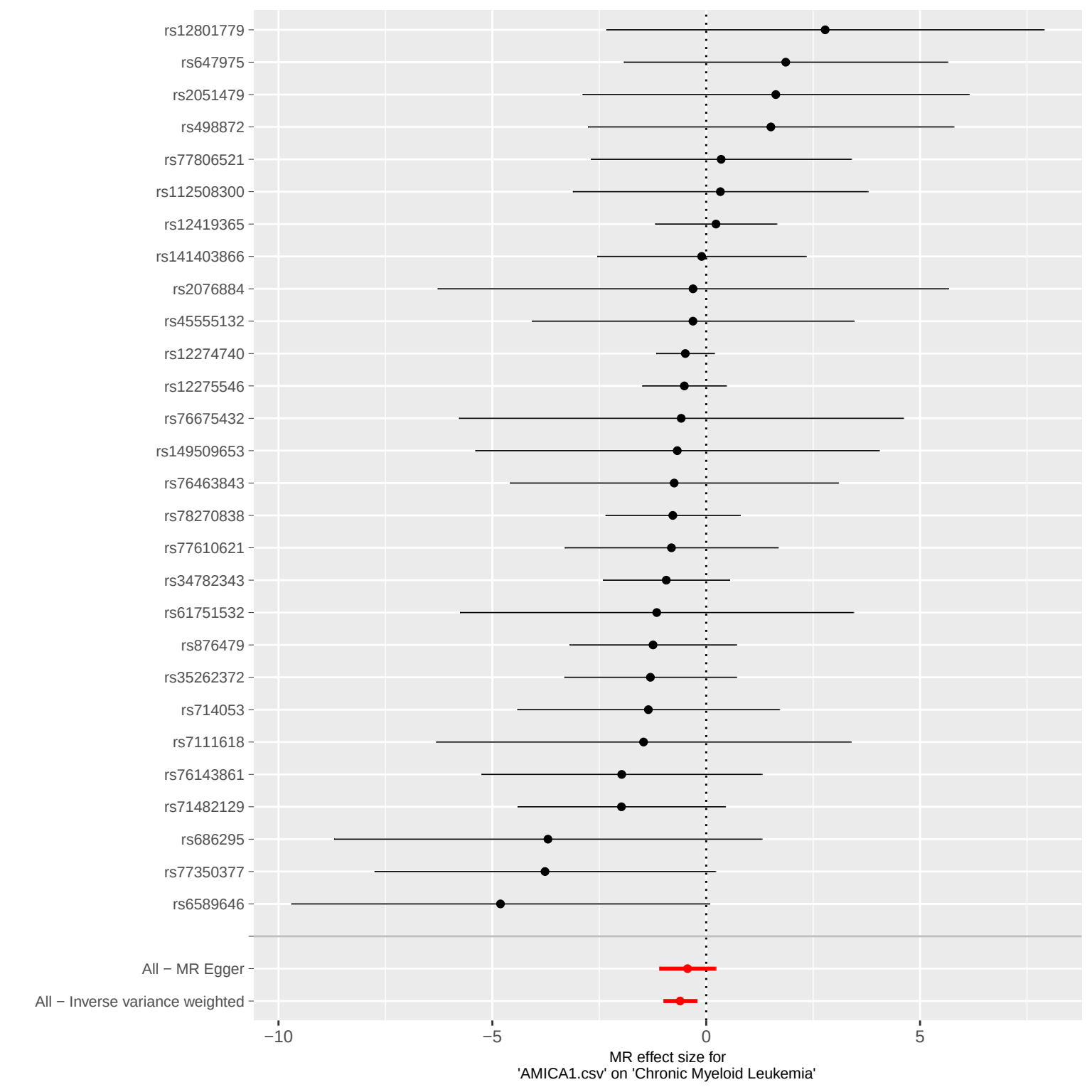
MR effect size for
'AMDHD2.csv' on 'Chronic Myeloid Leukemia'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rs149509653
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rs78270838
rs77610621
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rs61751532
rs876479
rs35262372
rs714053
rs7111618
rs76143861
rs71482129
rs686295
rs77350377
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All − MR Egger
All − Inverse variance weighted
−10
−5
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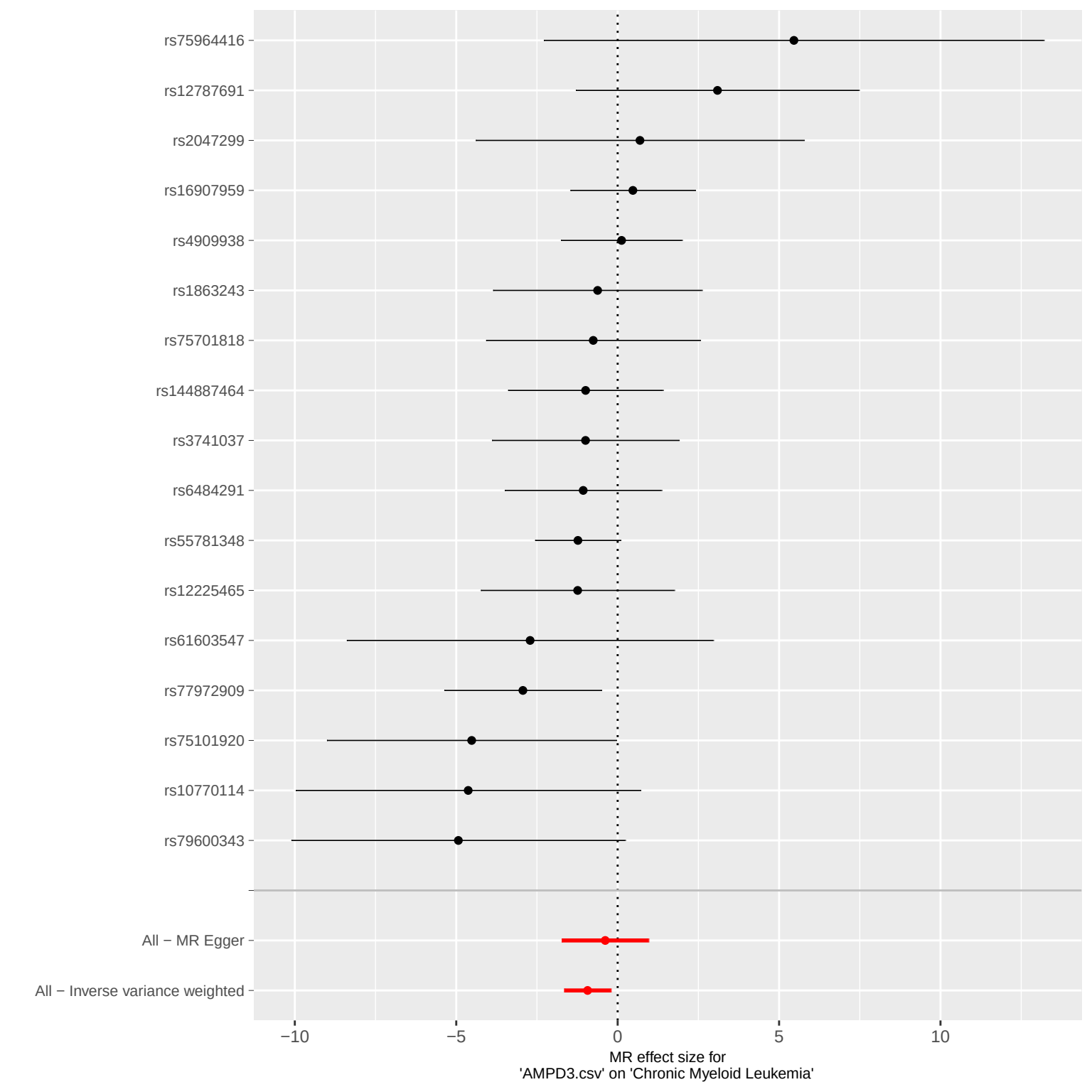
MR effect size for
'AMICA1.csv' on 'Chronic Myeloid Leukemia'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rs12225465
rs61603547
rs77972909
rs75101920
rs10770114
rs79600343
All − MR Egger
All − Inverse variance weighted
−10
−5
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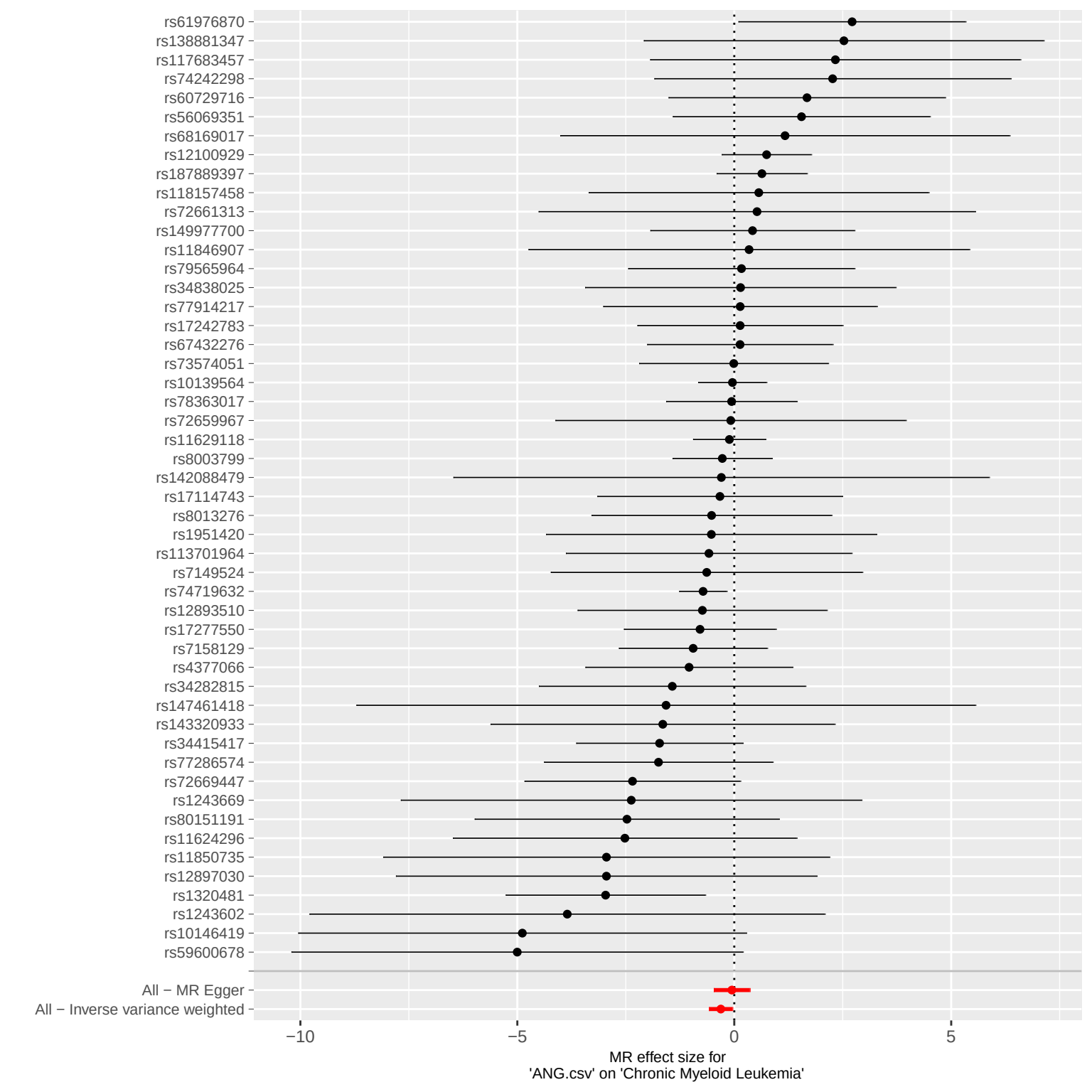
MR effect size for
'AMPD3.csv' on 'Chronic Myeloid Leukemia'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rs72669447
rs1243669
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rs1243602
rs10146419
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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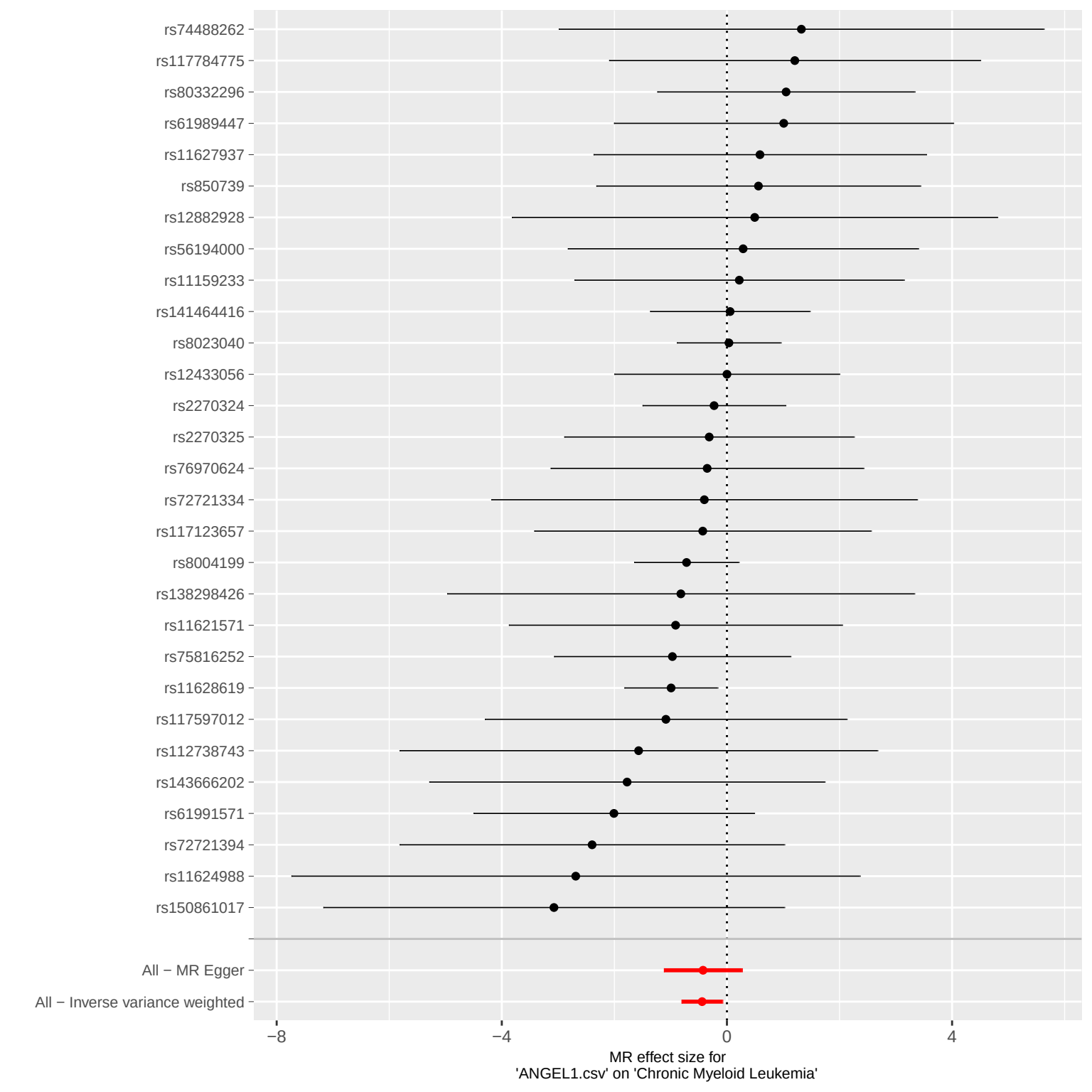
MR effect size for
'ANG.csv' on 'Chronic Myeloid Leukemia'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rs75816252
rs11628619
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rs112738743
rs143666202
rs61991571
rs72721394
rs11624988
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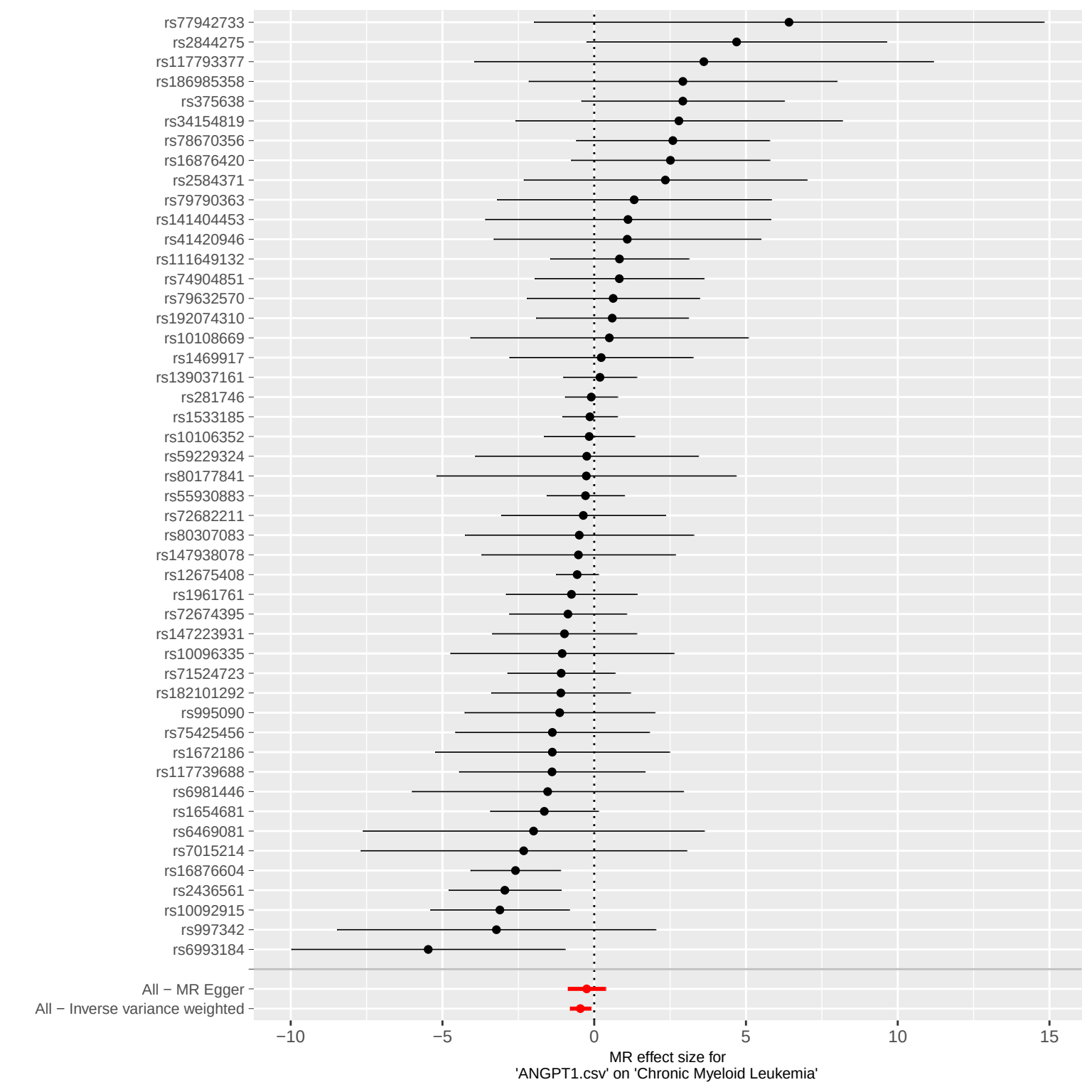
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ANGEL1.csv' on 'Chronic Myeloid Leukemia'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rs281746
rs1533185
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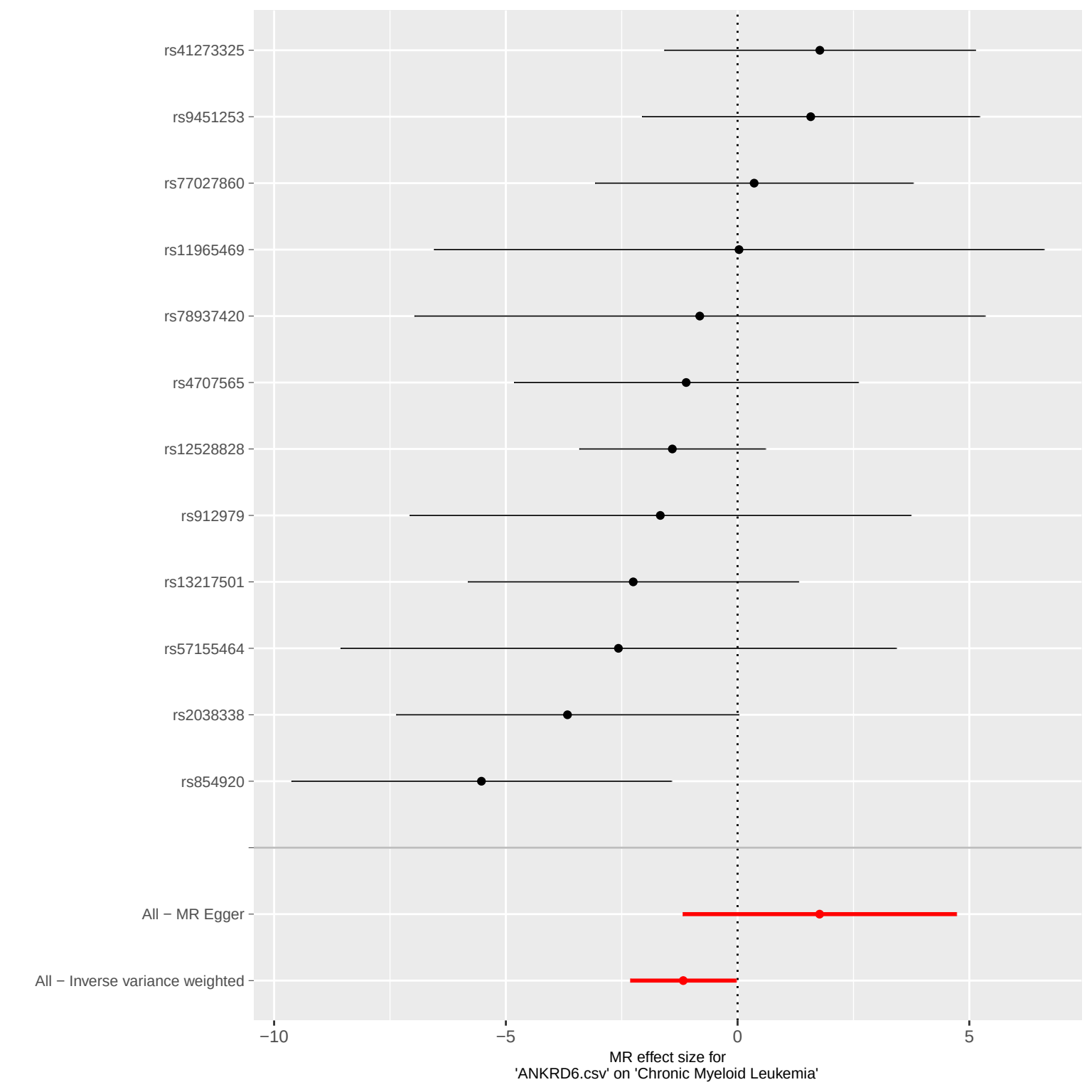
rs1654681
rs6469081
rs7015214
rs16876604
rs2436561
rs10092915
rs997342
rs6993184
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
15
MR effect size for
'ANGPT1.csv' on 'Chronic Myeloid Leukemia'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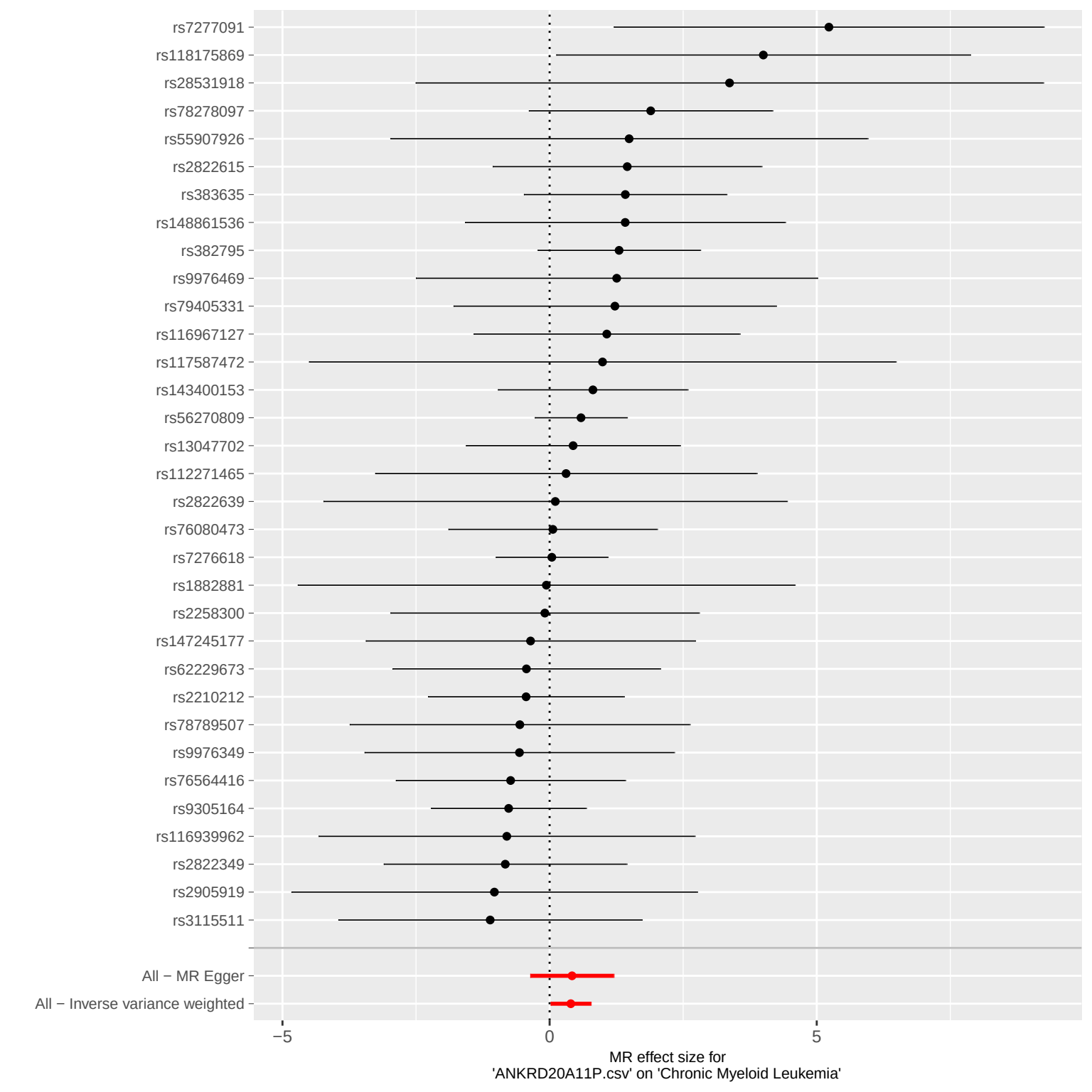
rs12528828
rs912979
rs13217501
rs57155464
rs2038338
rs854920
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ANKRD6.csv' on 'Chronic Myeloid Leukemia'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rs62229673
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rs78789507
rs9976349
rs76564416
rs9305164
rs116939962
rs2822349
rs2905919
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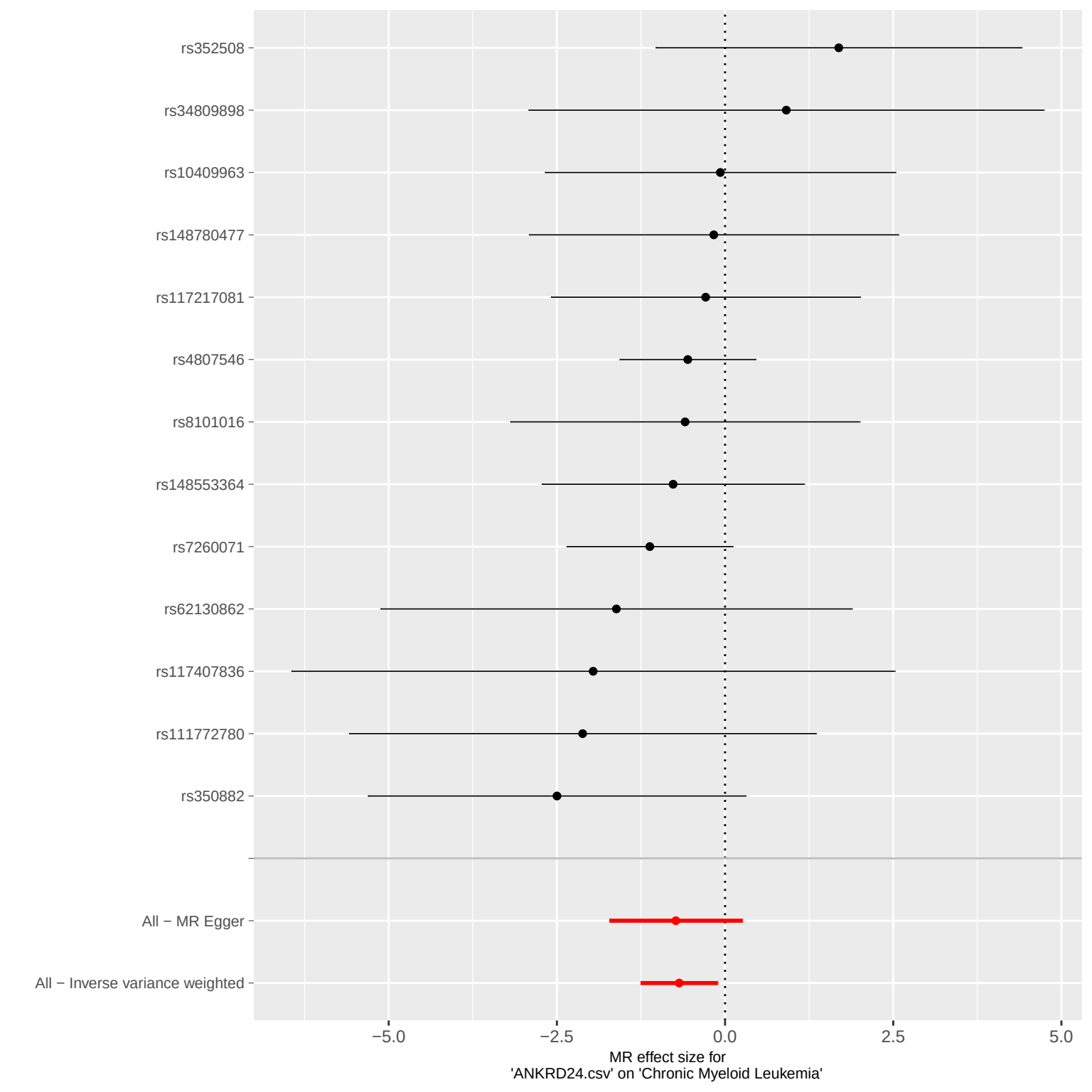
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ANKRD20A11P.csv' on 'Chronic Myeloid Leukemia'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rs117217081
rs4807546
rs8101016
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rs7260071
rs62130862
rs117407836
rs111772780
rs350882
All − MR Egger
All − Inverse variance weighted
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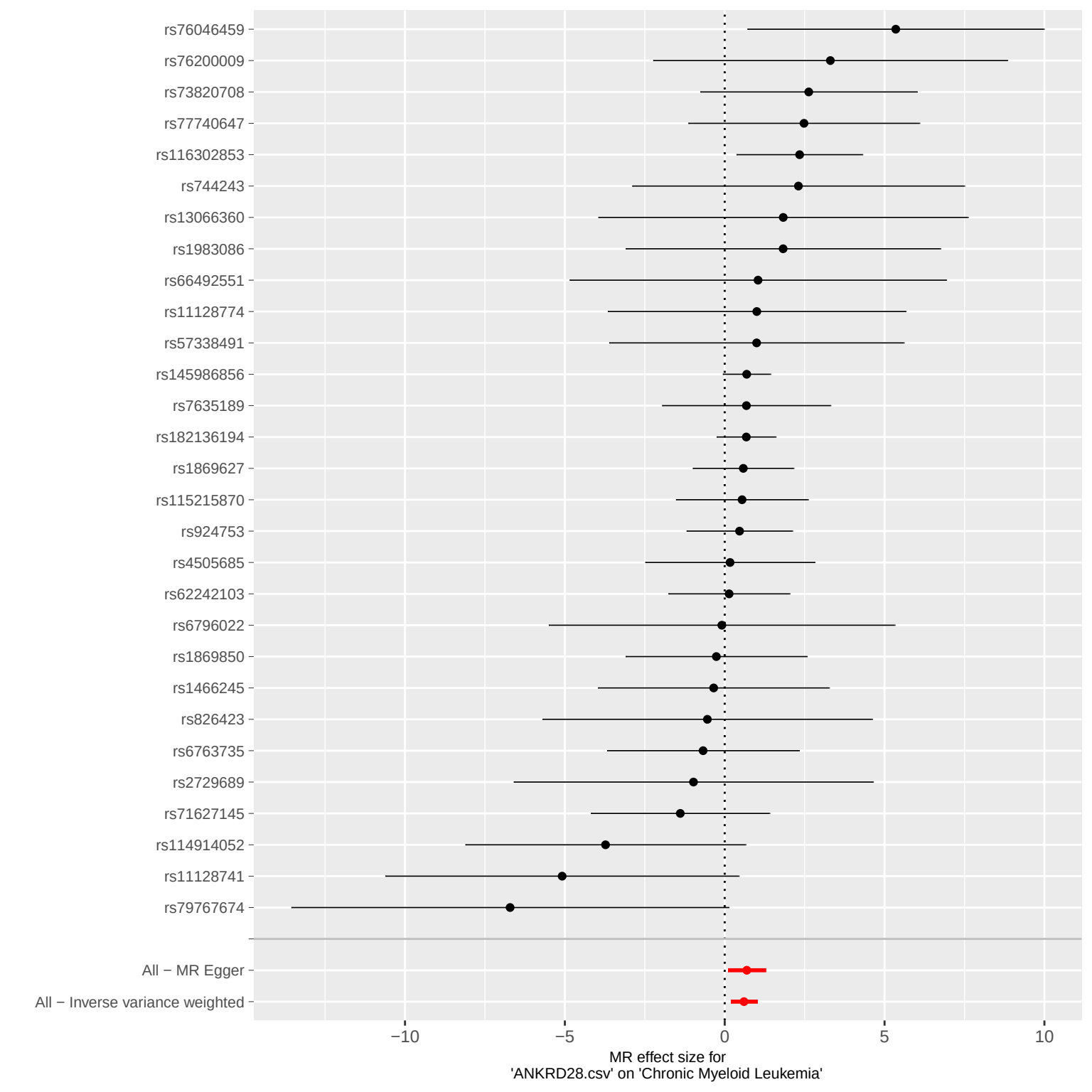
−2.5
0.0
2.5
5.0
MR effect size for
'ANKRD24.csv' on 'Chronic Myeloid Leukemia'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rs2729689
rs71627145
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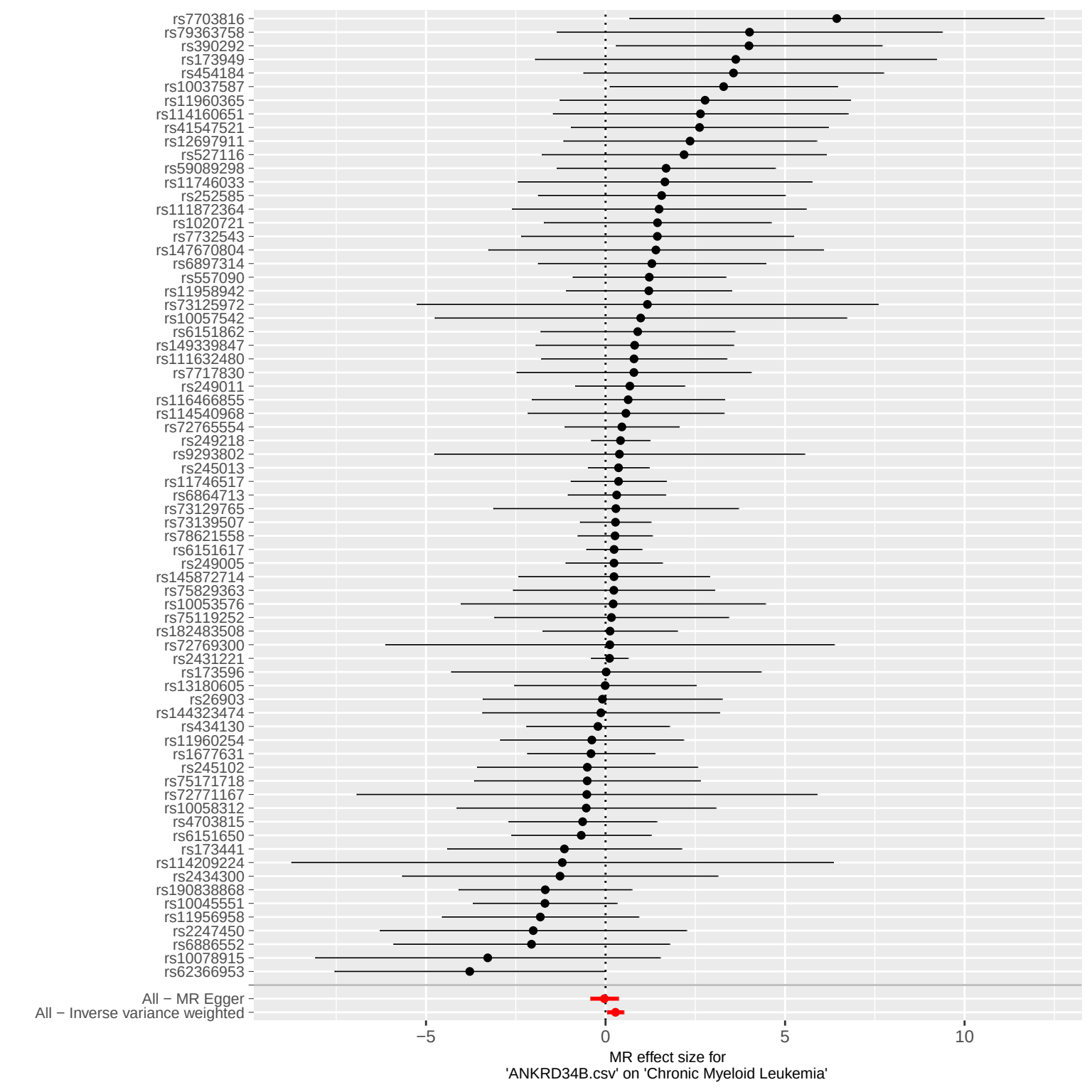
rs79767674
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ANKRD28.csv' on 'Chronic Myeloid Leukemia'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rs2247450
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rs10078915
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All − MR Egger
All − Inverse variance weighted
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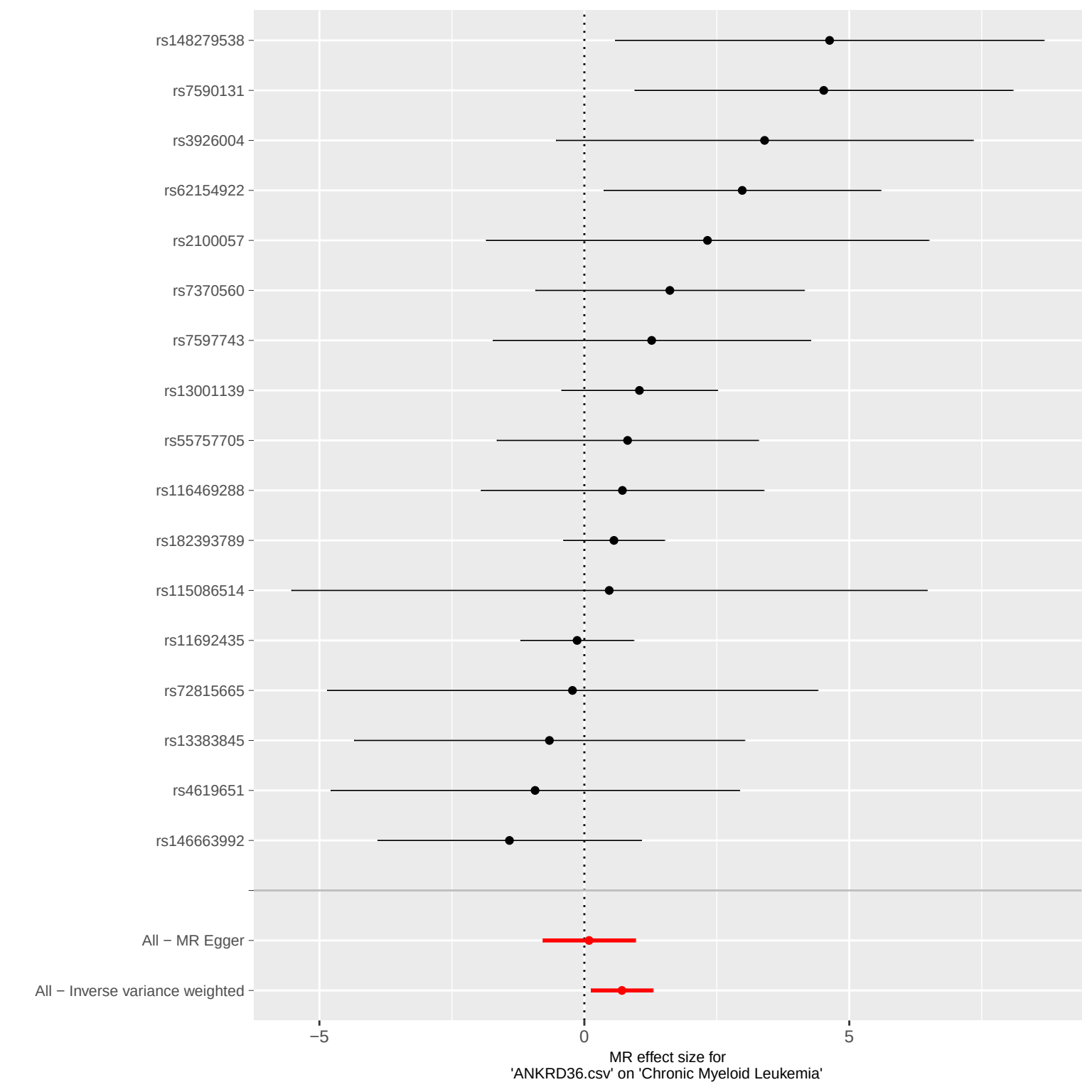
10
MR effect size for
'ANKRD34B.csv' on 'Chronic Myeloid Leukemia'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rs55757705
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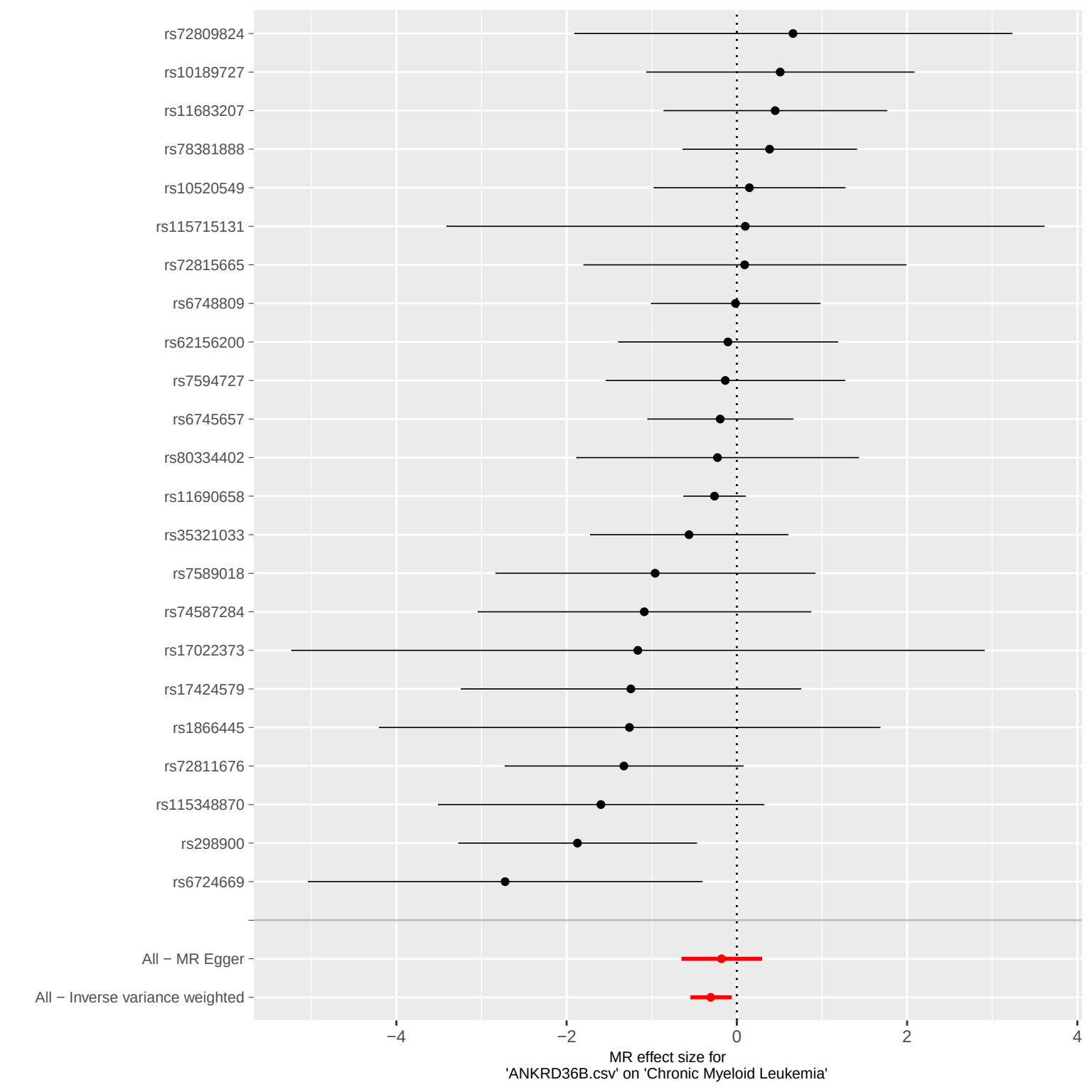
rs115086514
rs11692435
rs72815665
rs13383845
rs4619651
rs146663992
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ANKRD36.csv' on 'Chronic Myeloid Leukemia'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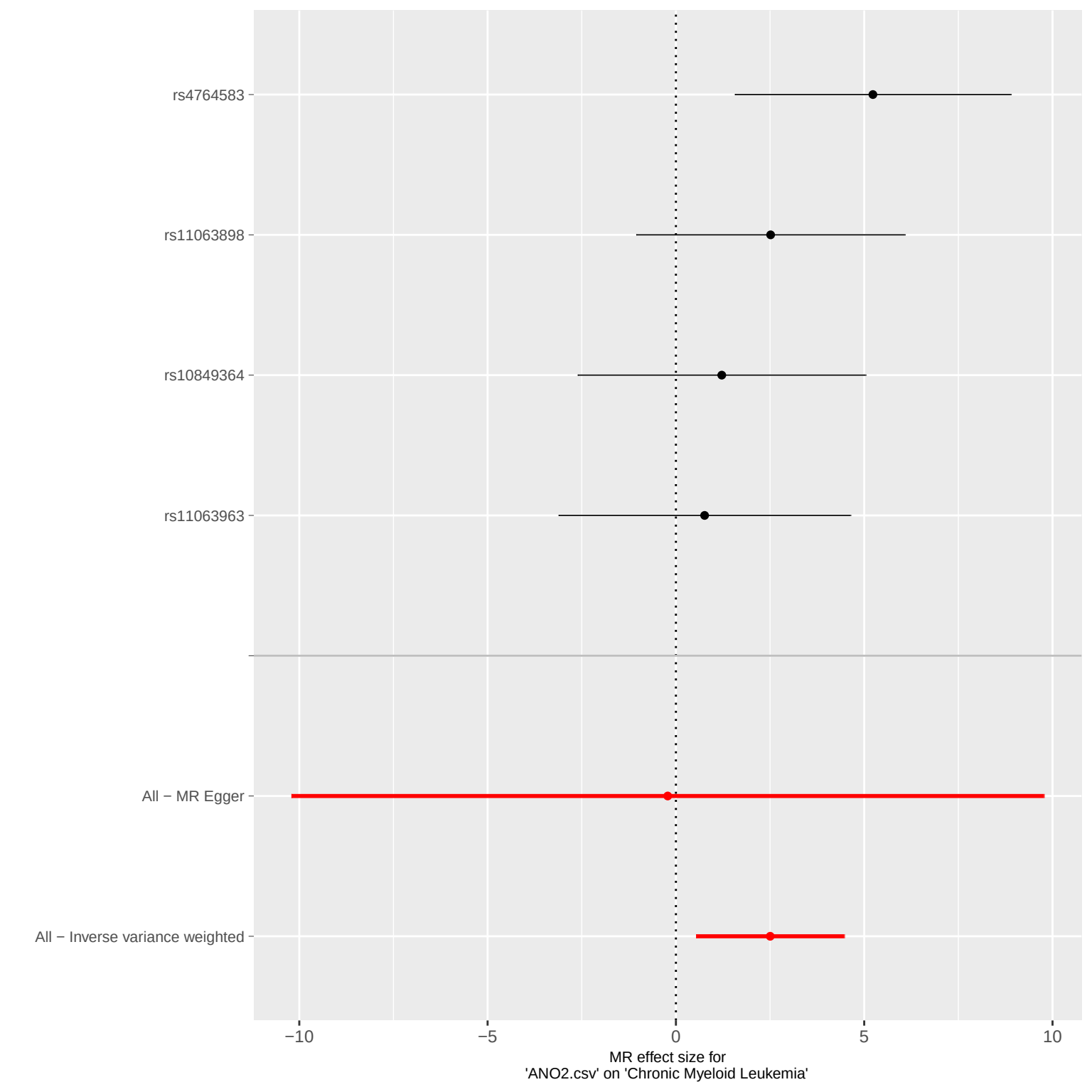
rs35321033
rs7589018
rs74587284
rs17022373
rs17424579
rs1866445
rs72811676
rs115348870
rs298900
rs6724669
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ANKRD36B.csv' on 'Chronic Myeloid Leukemia'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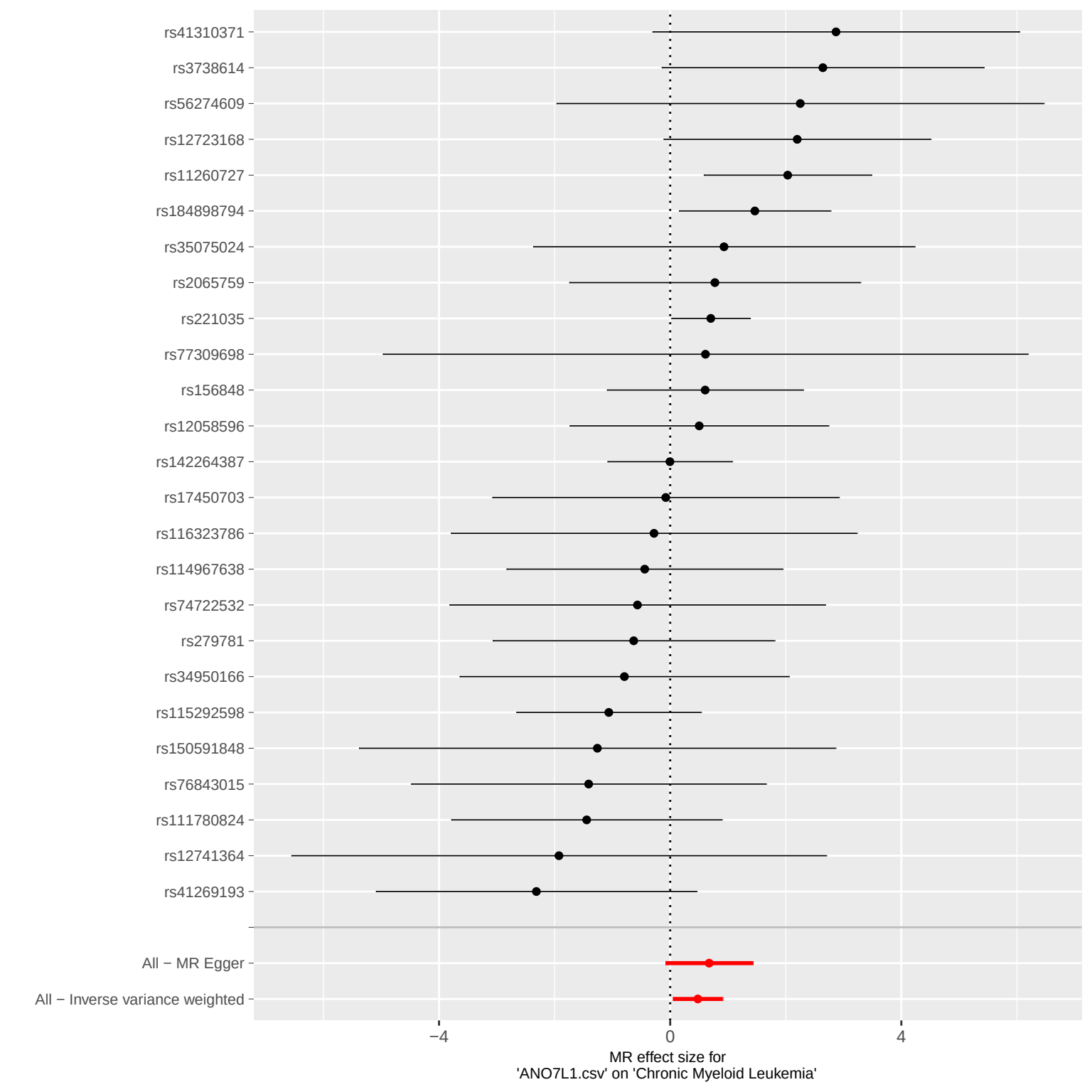
rs10849364
rs11063963
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ANO2.csv' on 'Chronic Myeloid Leukemia'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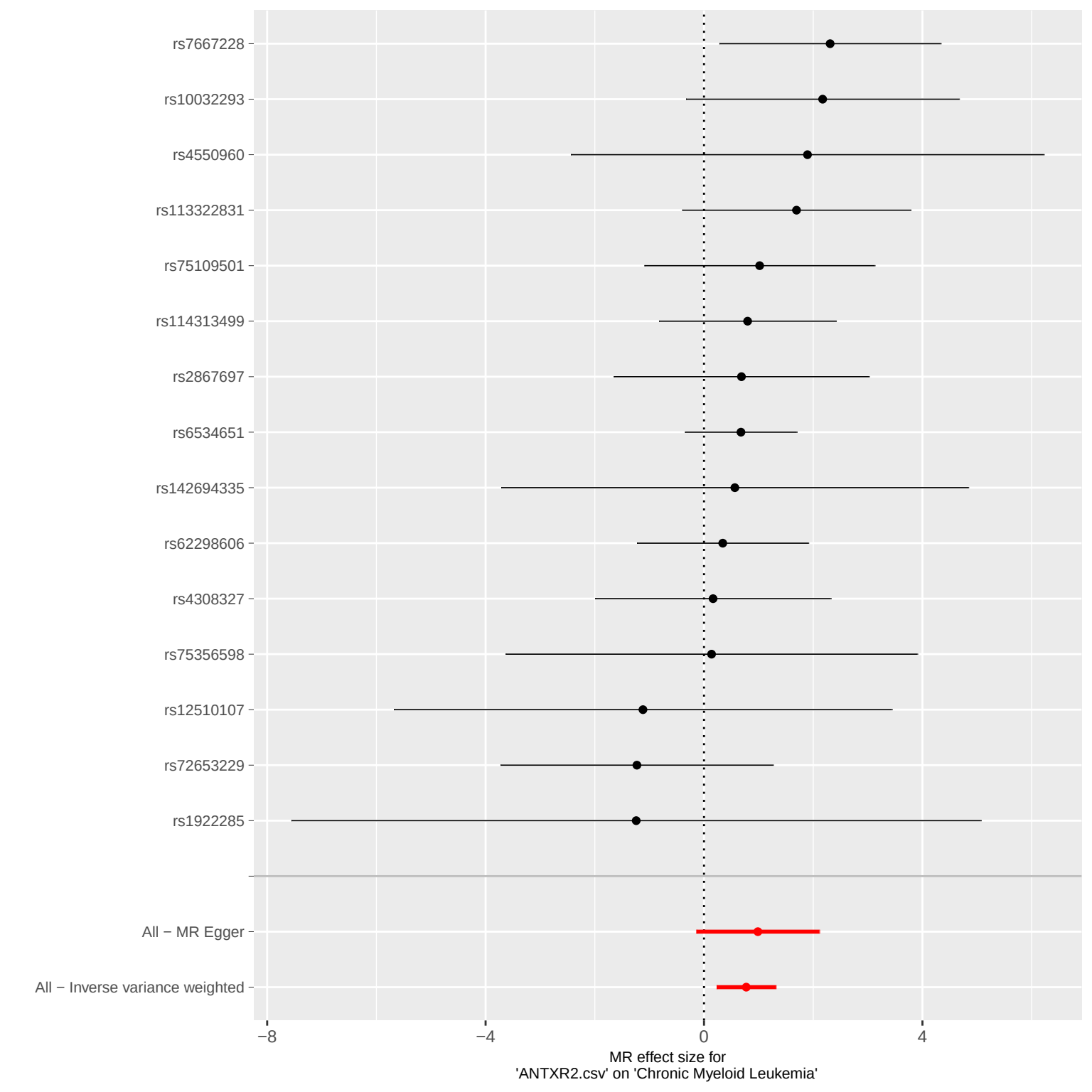
rs74722532
rs279781
rs34950166
rs115292598
rs150591848
rs76843015
rs111780824
rs12741364
rs41269193
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ANO7L1.csv' on 'Chronic Myeloid Leukemia'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rs4308327
rs75356598
rs12510107
rs72653229
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All − MR Egger
All − Inverse variance weighted
−8
−4
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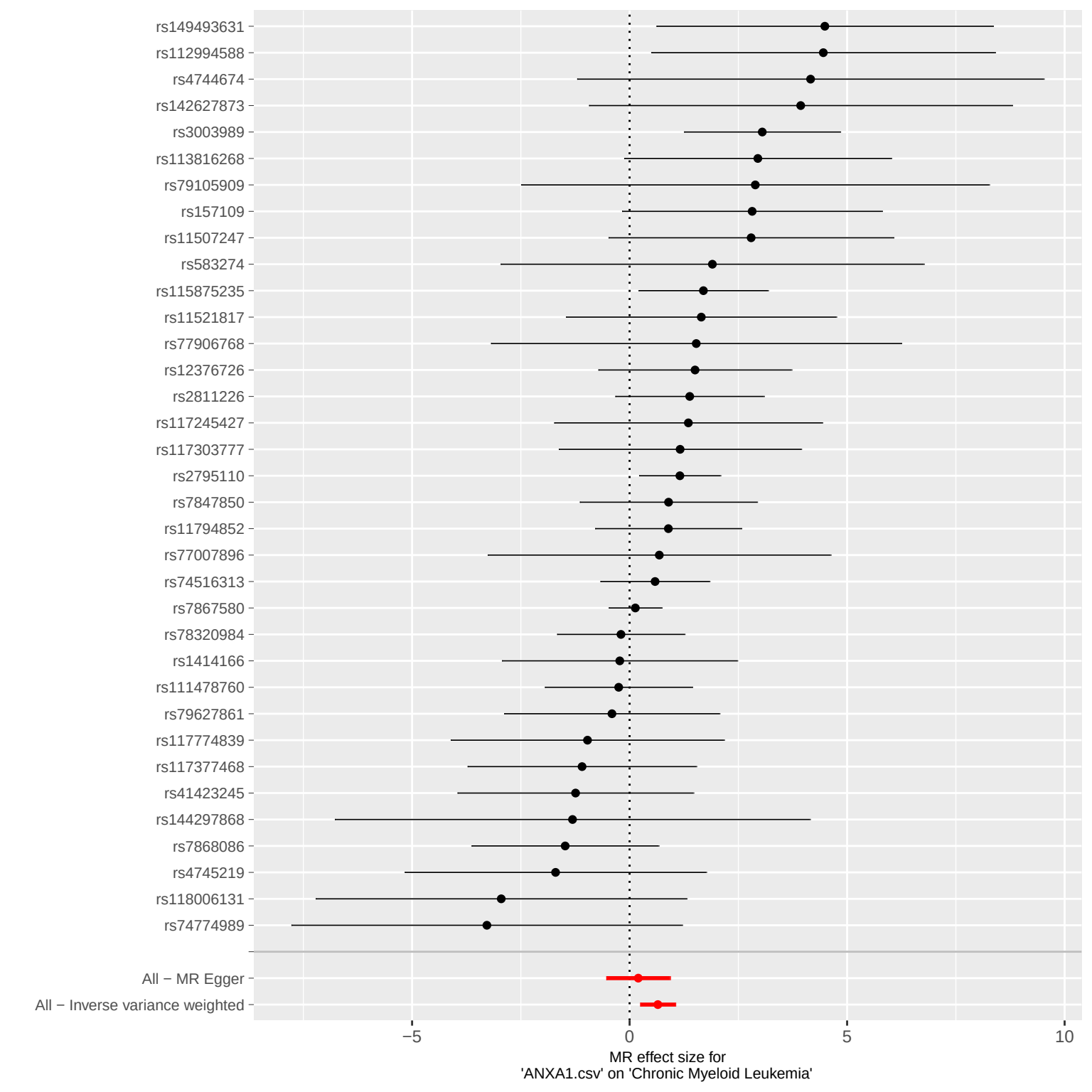
MR effect size for
'ANTXR2.csv' on 'Chronic Myeloid Leukemia'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rs78320984
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rs79627861
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rs117377468
rs41423245
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rs7868086
rs4745219
rs118006131
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All − MR Egger
All − Inverse variance weighted
−5
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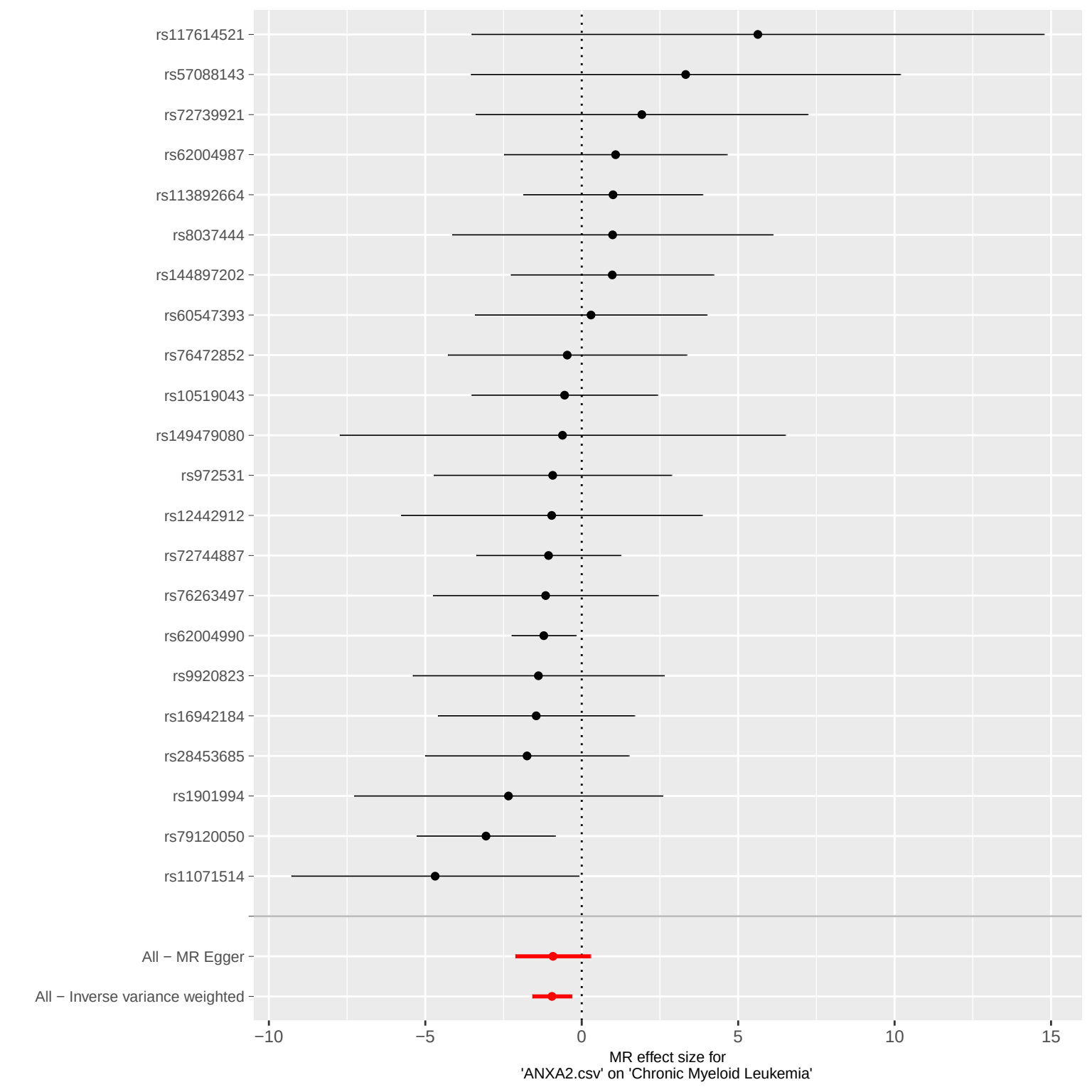
10
MR effect size for
'ANXA1.csv' on 'Chronic Myeloid Leukemia'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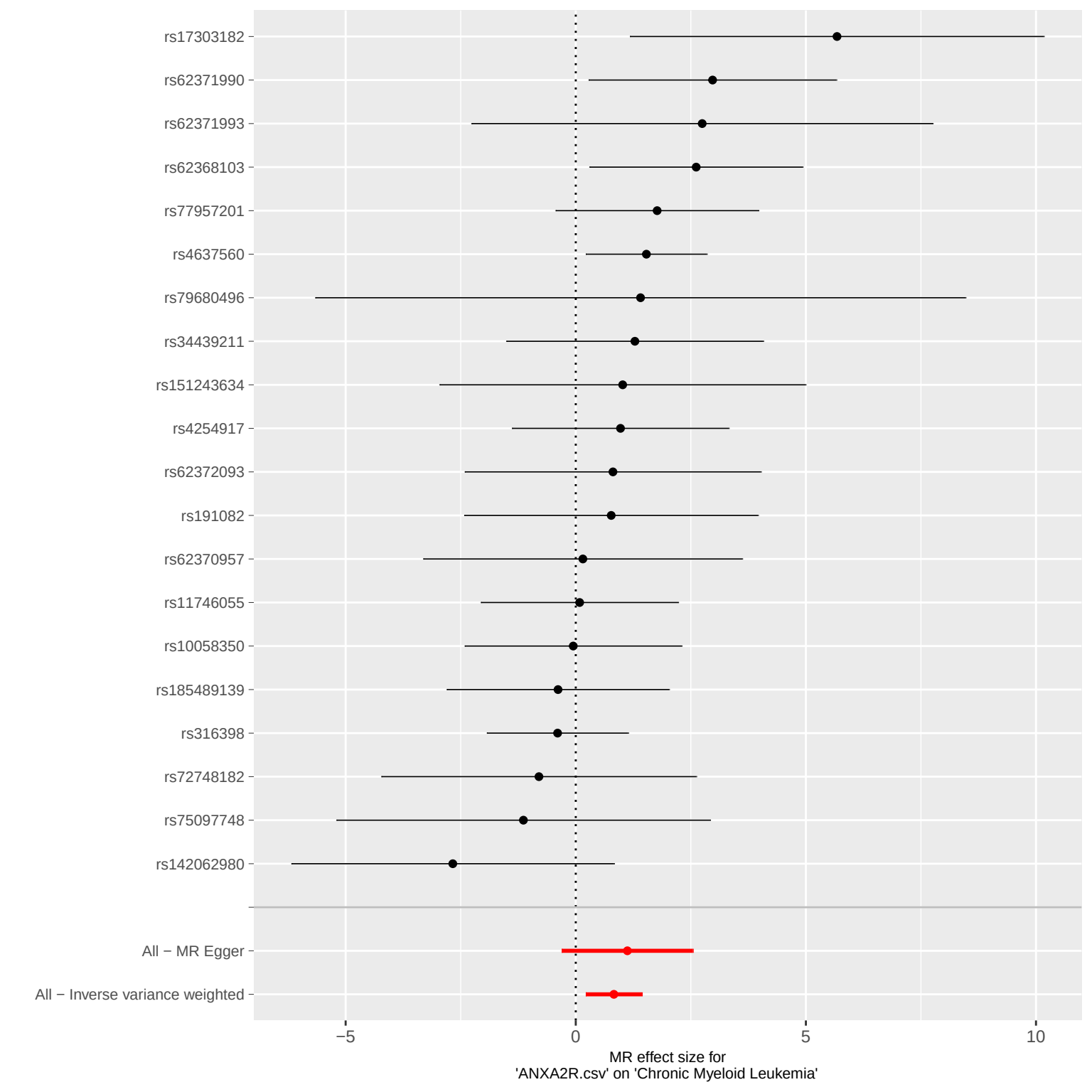
rs16942184
rs28453685
rs1901994
rs79120050
rs11071514
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
15
MR effect size for
'ANXA2.csv' on 'Chronic Myeloid Leukemia'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rs62370957
rs11746055
rs10058350
rs185489139
rs316398
rs72748182
rs75097748
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All − MR Egger
All − Inverse variance weighted
−5
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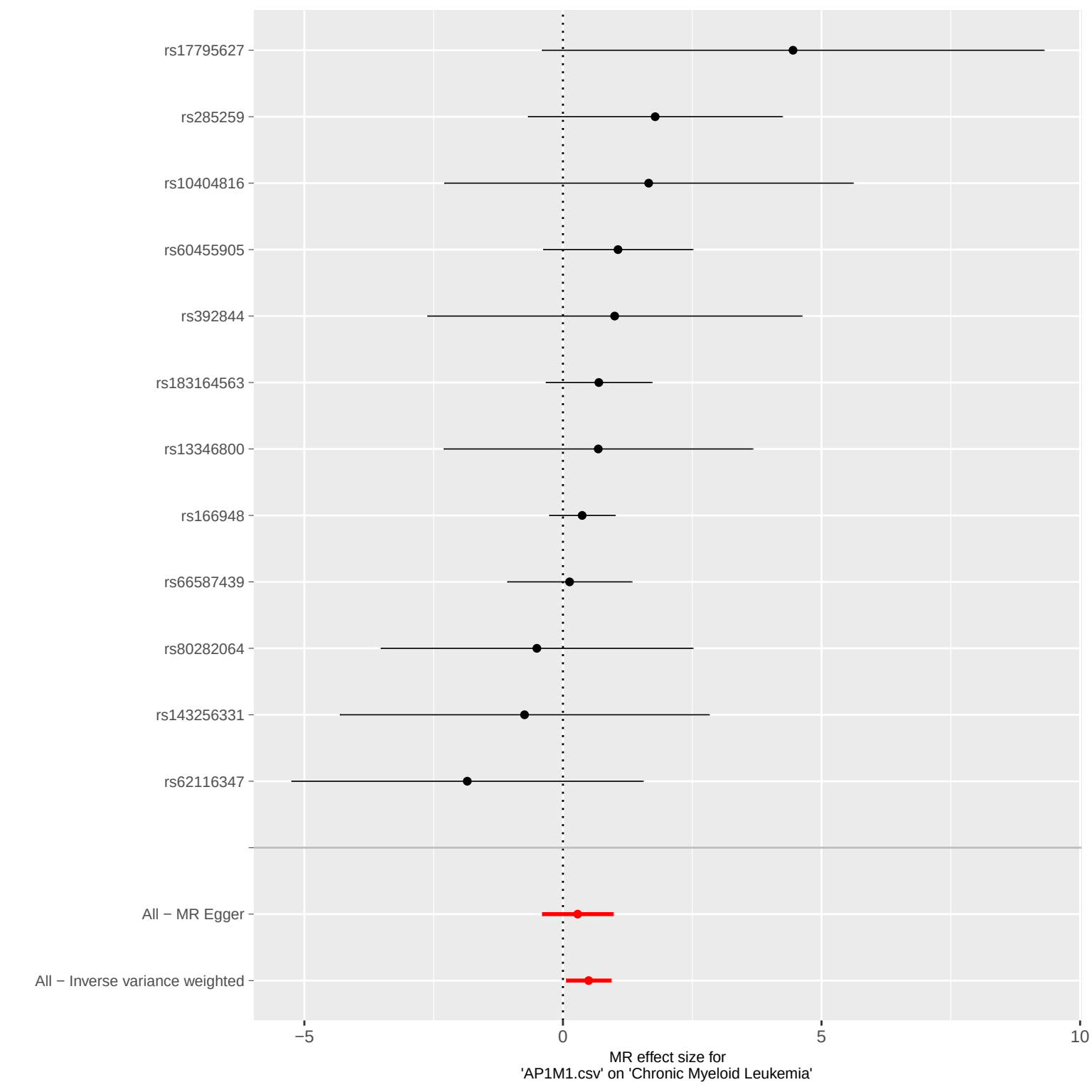
10
MR effect size for
'ANXA2R.csv' on 'Chronic Myeloid Leukemia'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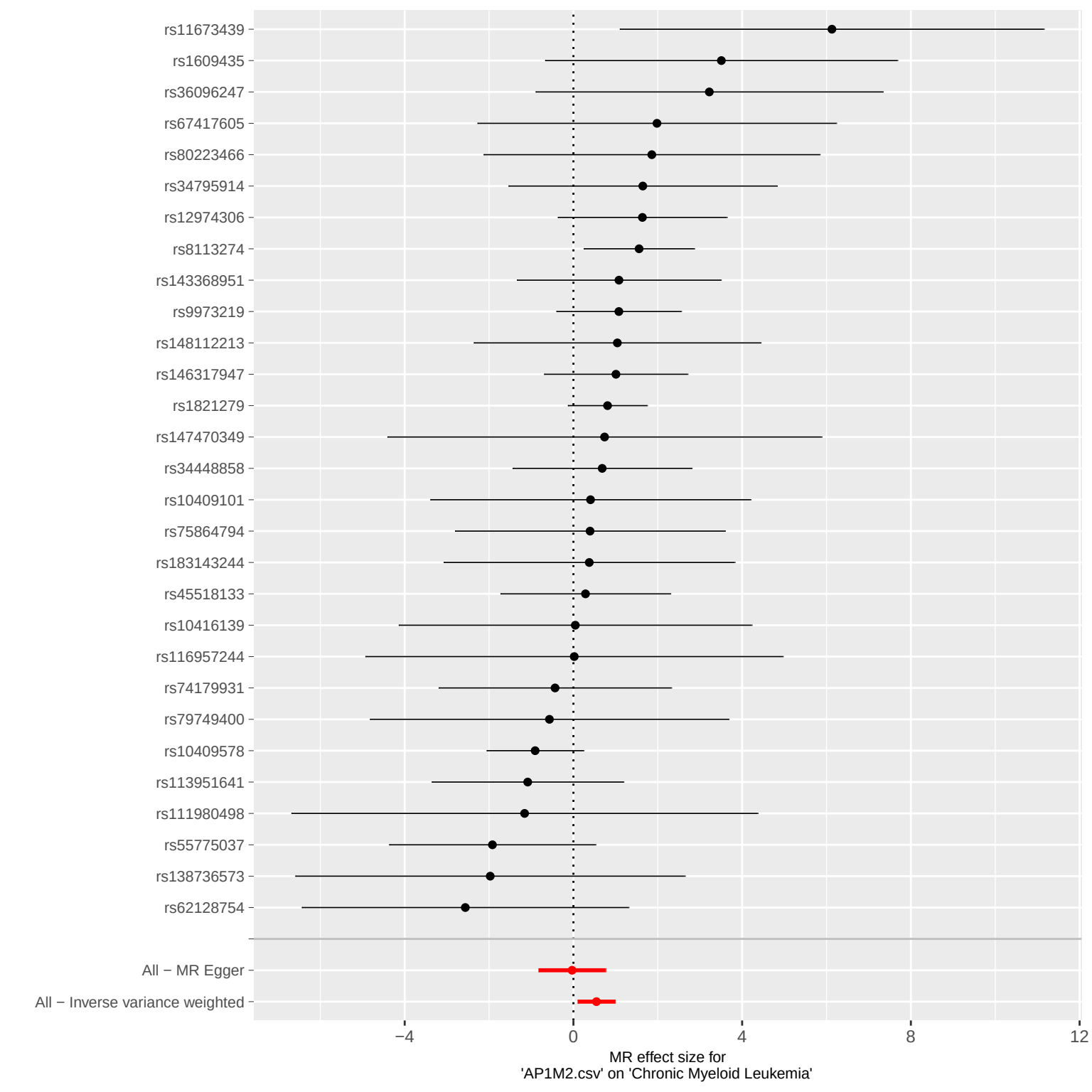
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'AP1M1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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4
8
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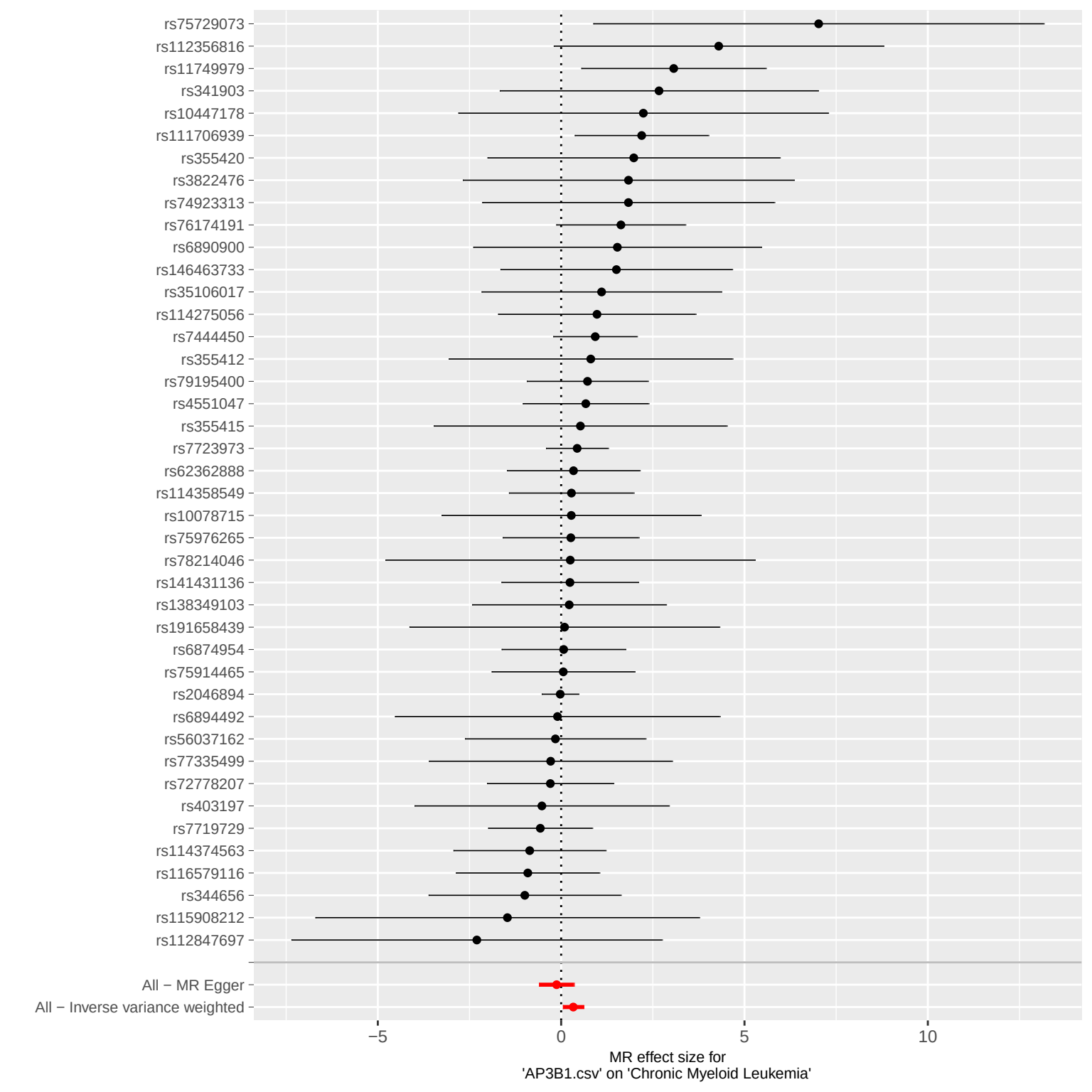
MR effect size for
'AP1M2.csv' on 'Chronic Myeloid Leukemia'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rs4551047
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rs116579116
rs344656
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All − MR Egger
All − Inverse variance weighted
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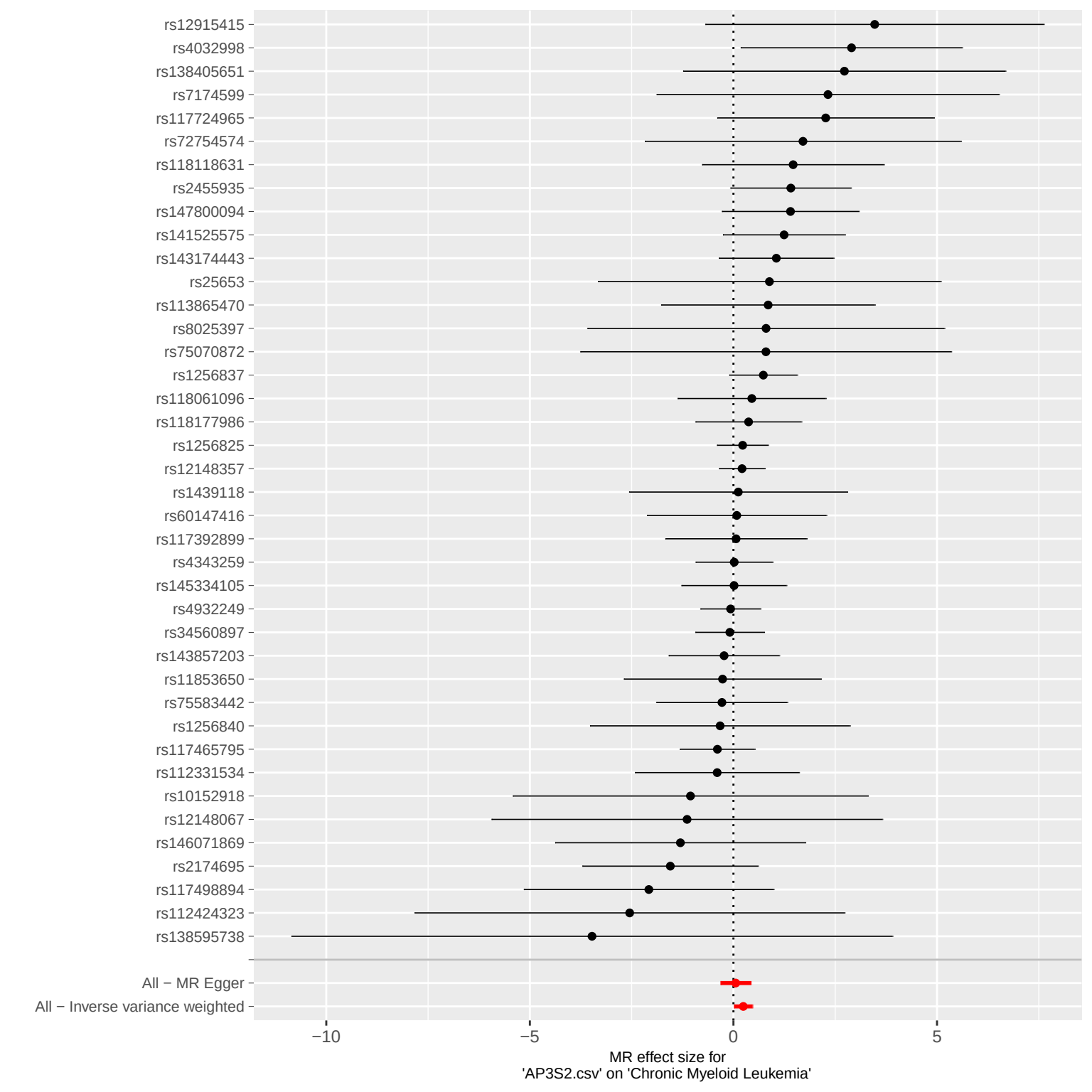
MR effect size for
'AP3B1.csv' on 'Chronic Myeloid Leukemia'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rs146071869
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rs117498894
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All − Inverse variance weighted
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−5
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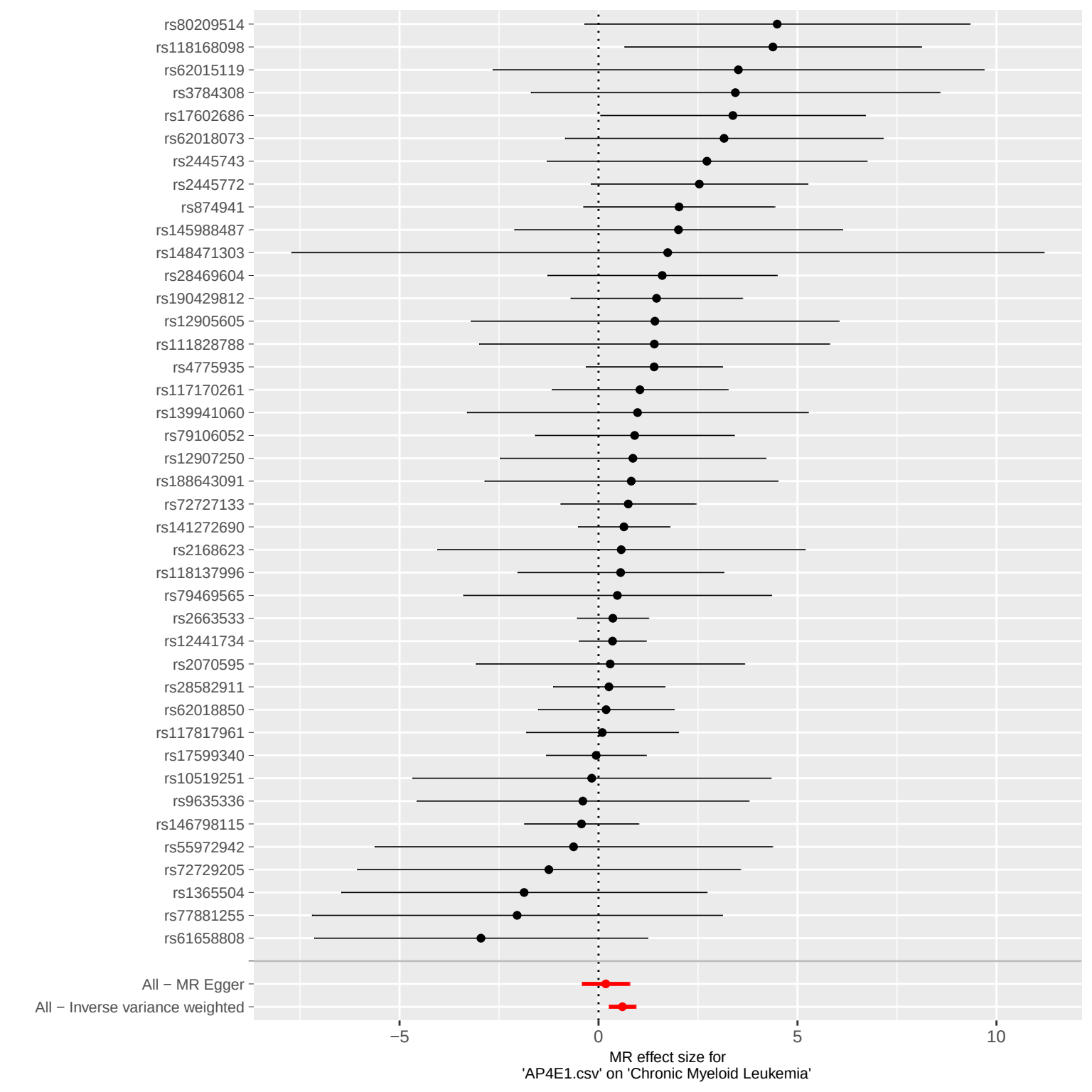
5
MR effect size for
'AP3S2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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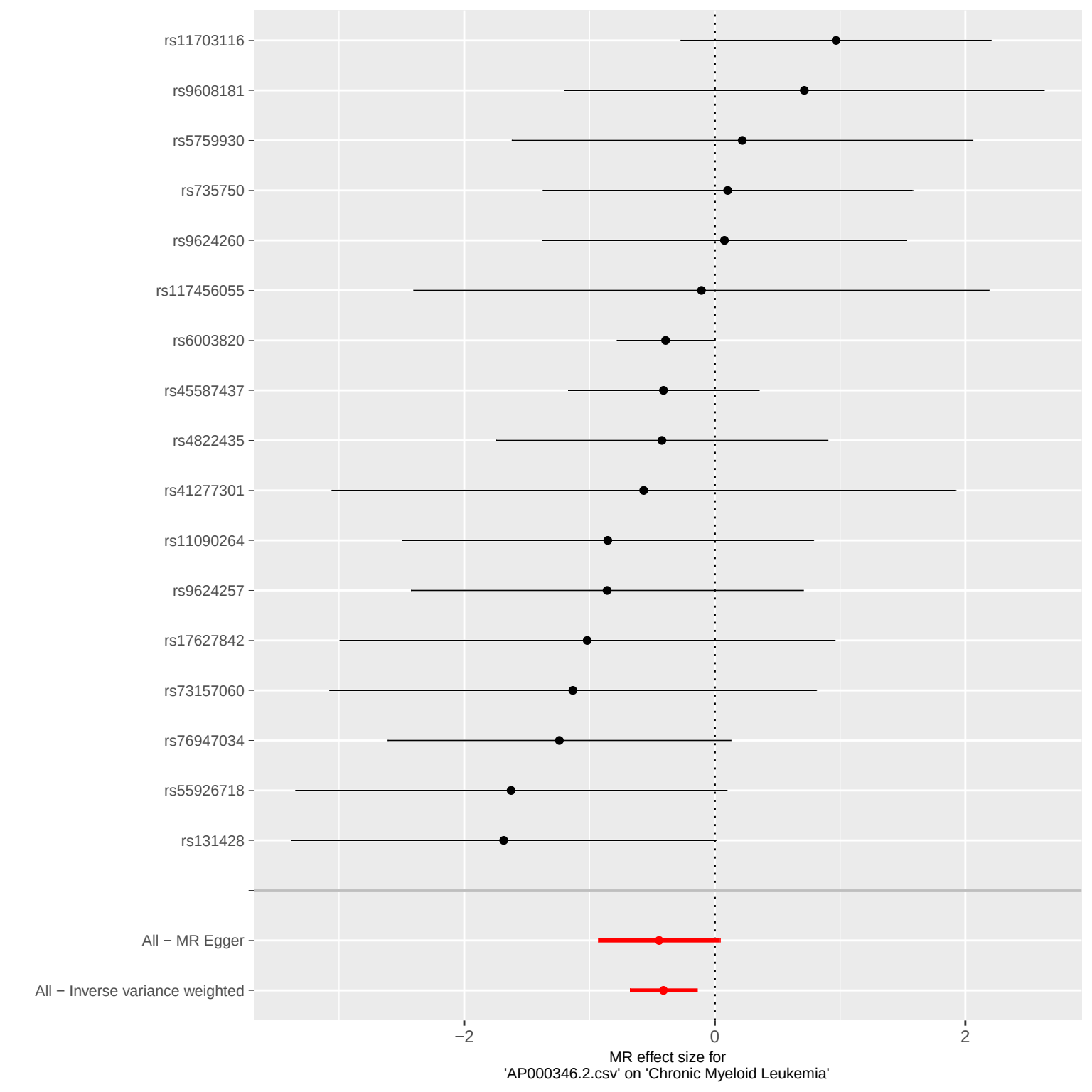
MR effect size for
'AP4E1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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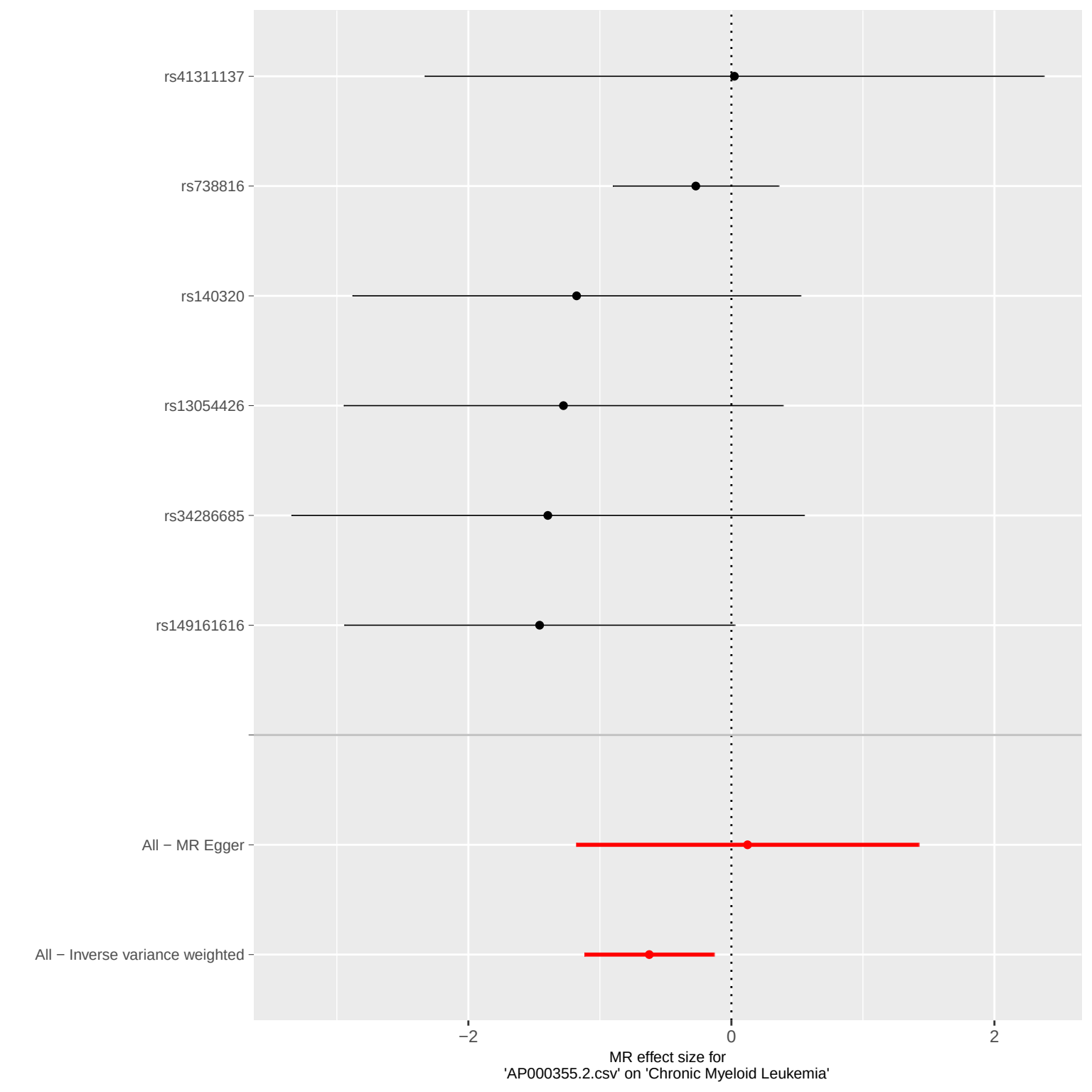
MR effect size for
'AP000346.2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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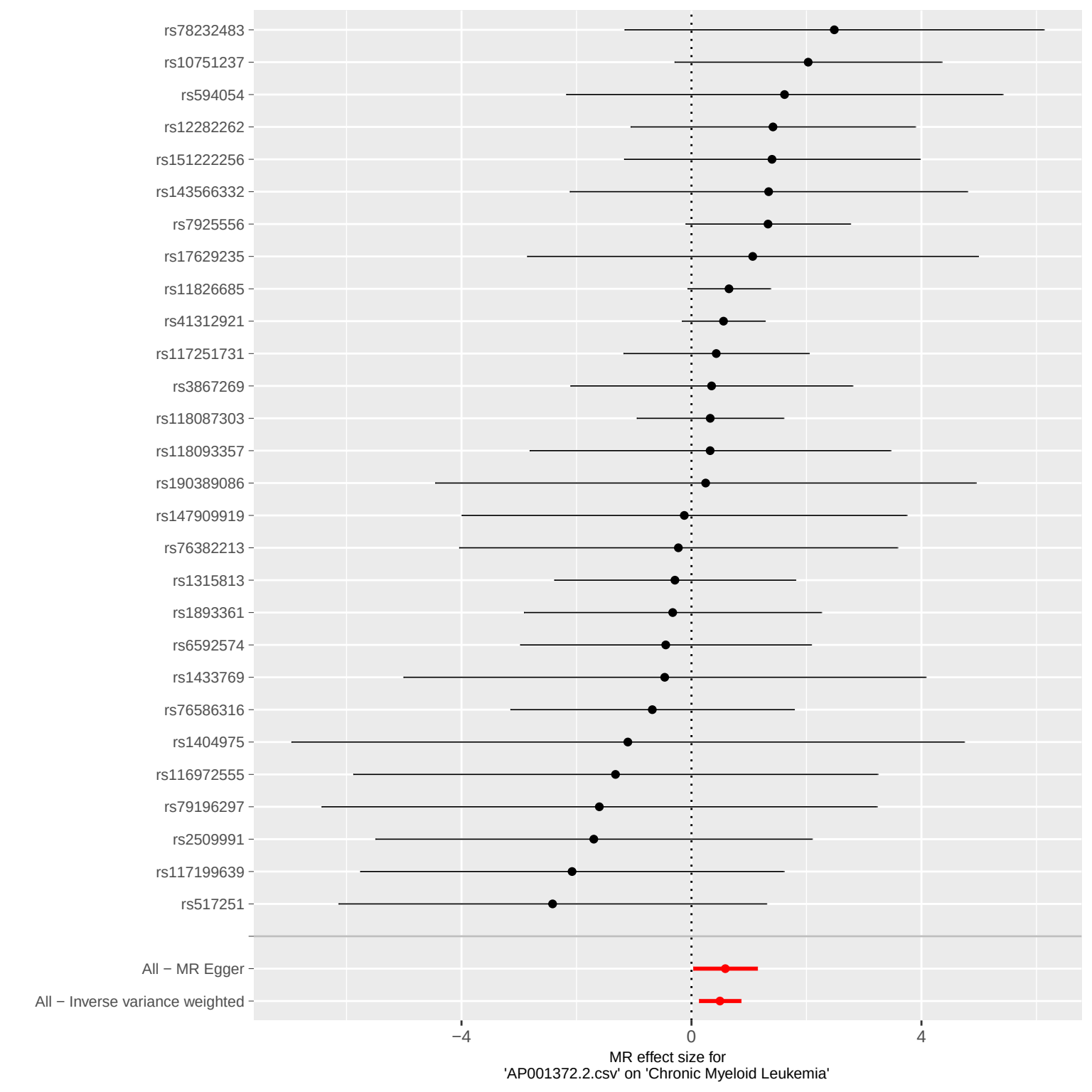
'AP000355.2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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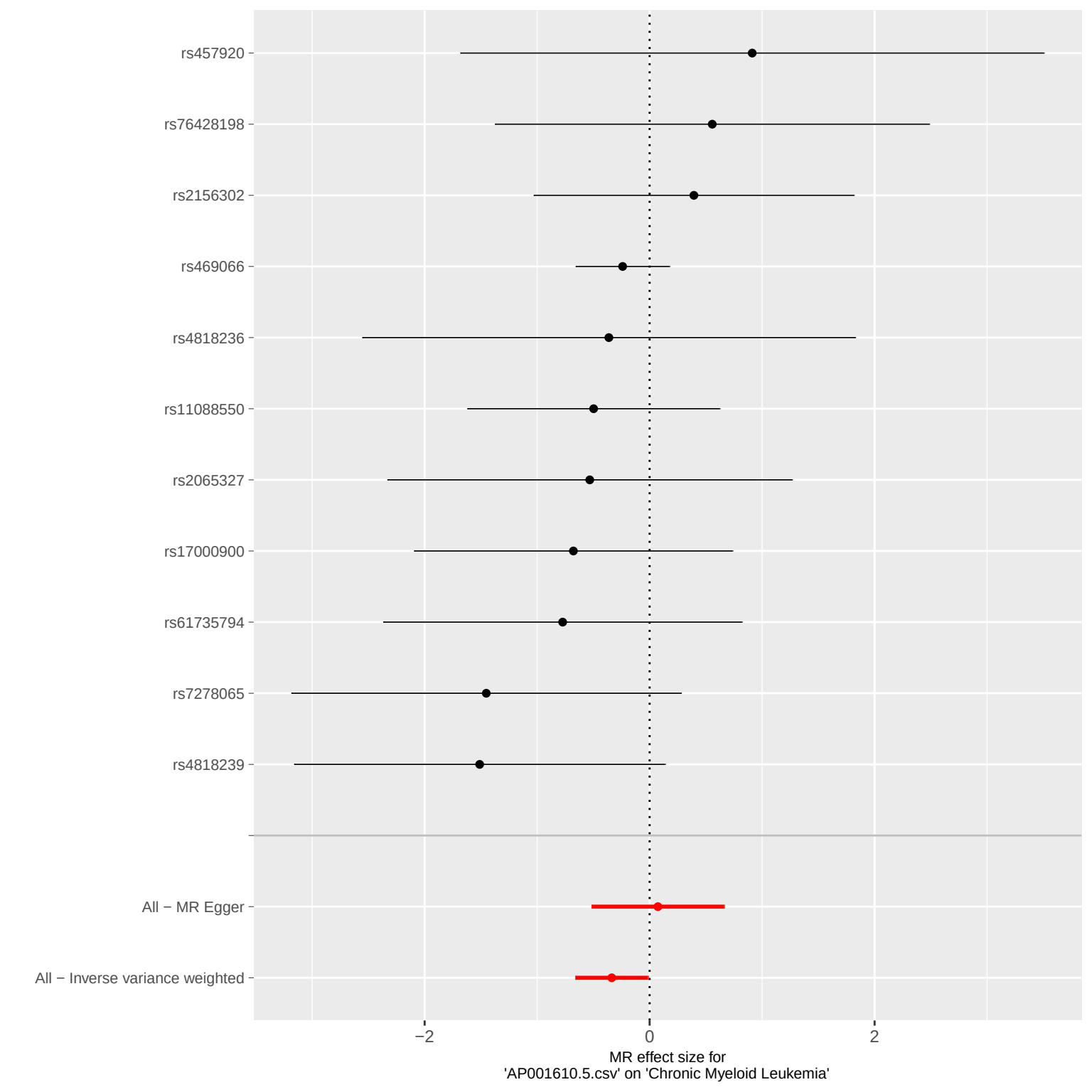
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All − Inverse variance weighted
−2
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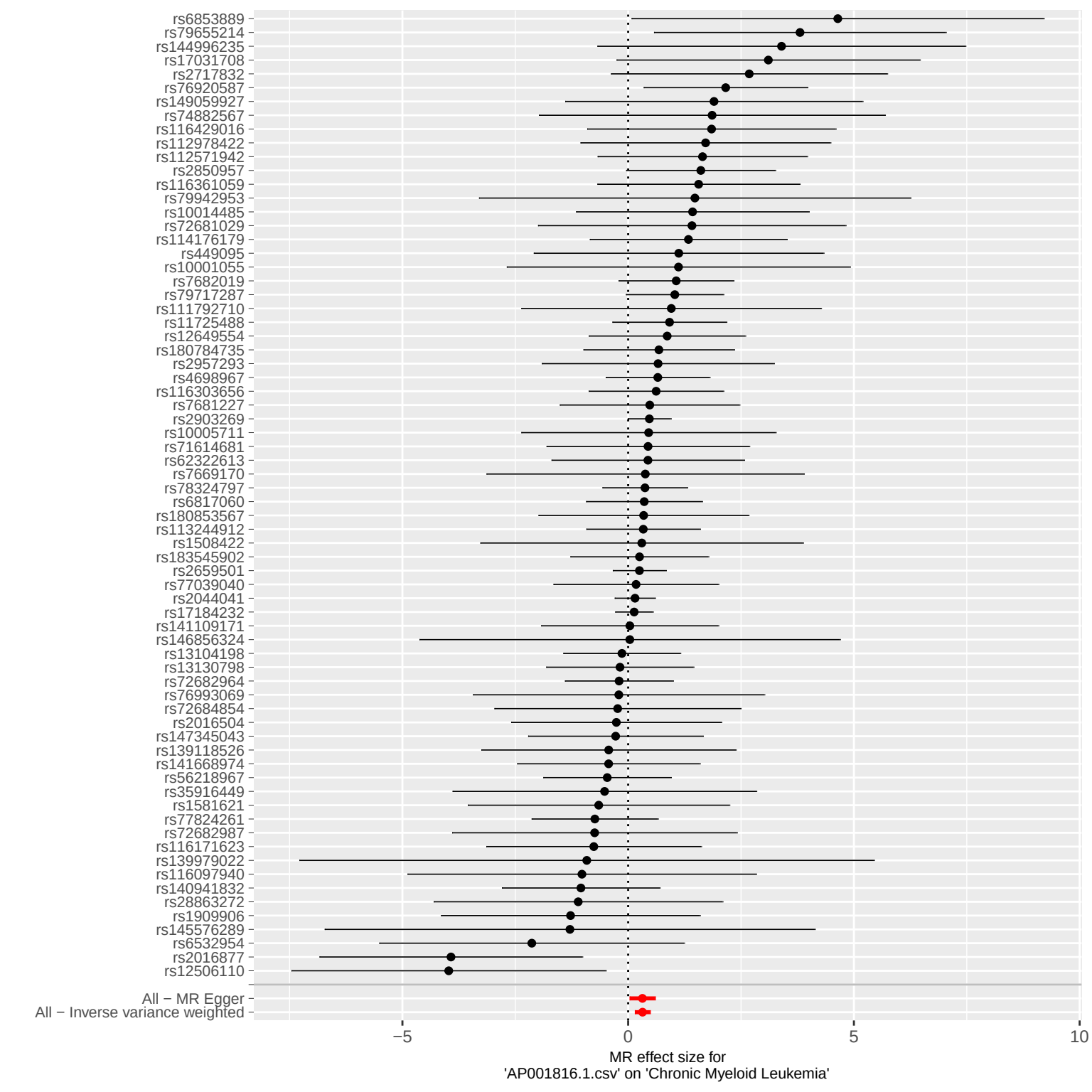
2
MR effect size for
'AP001610.5.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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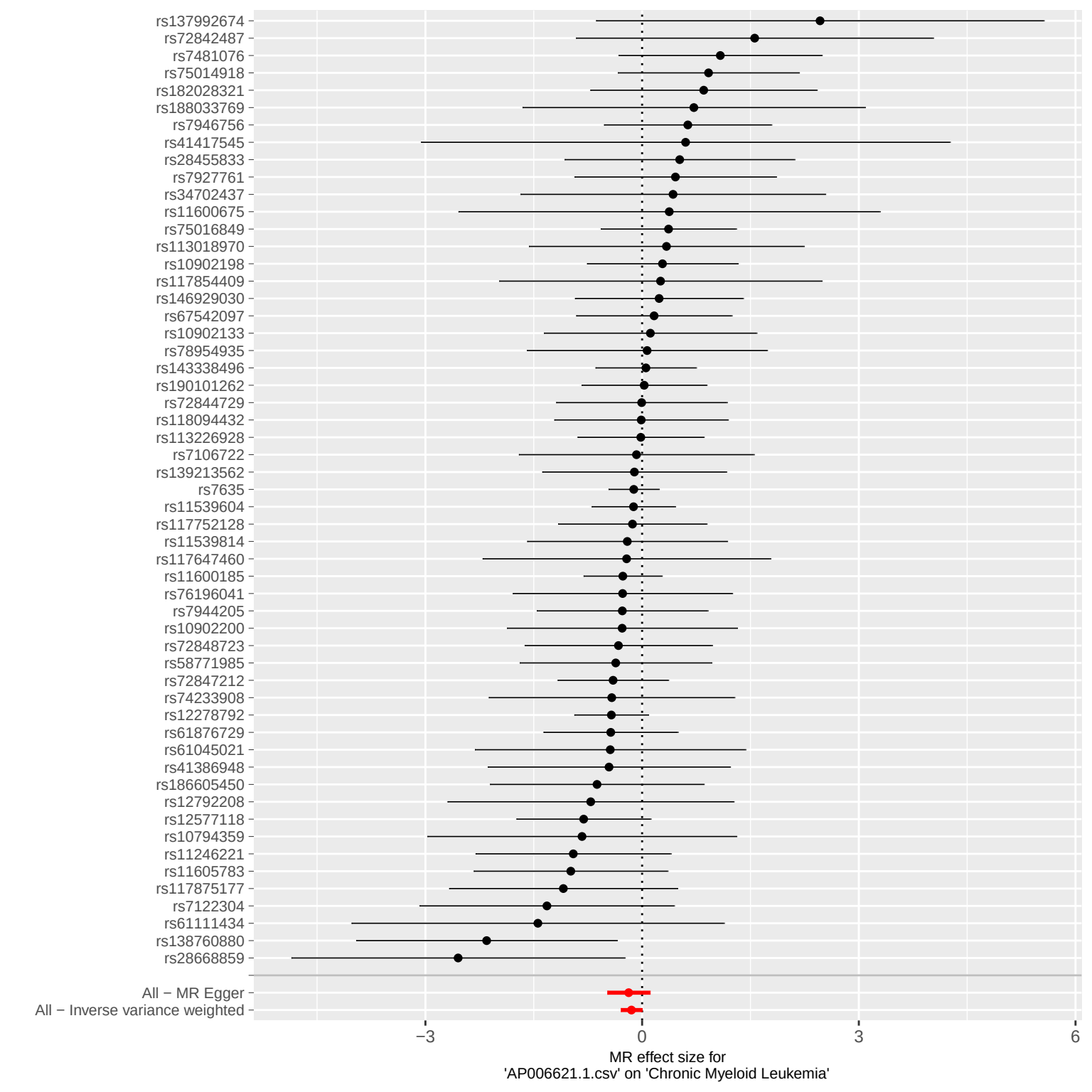
10
MR effect size for
'AP001816.1.csv' on 'Chronic Myeloid Leukemia'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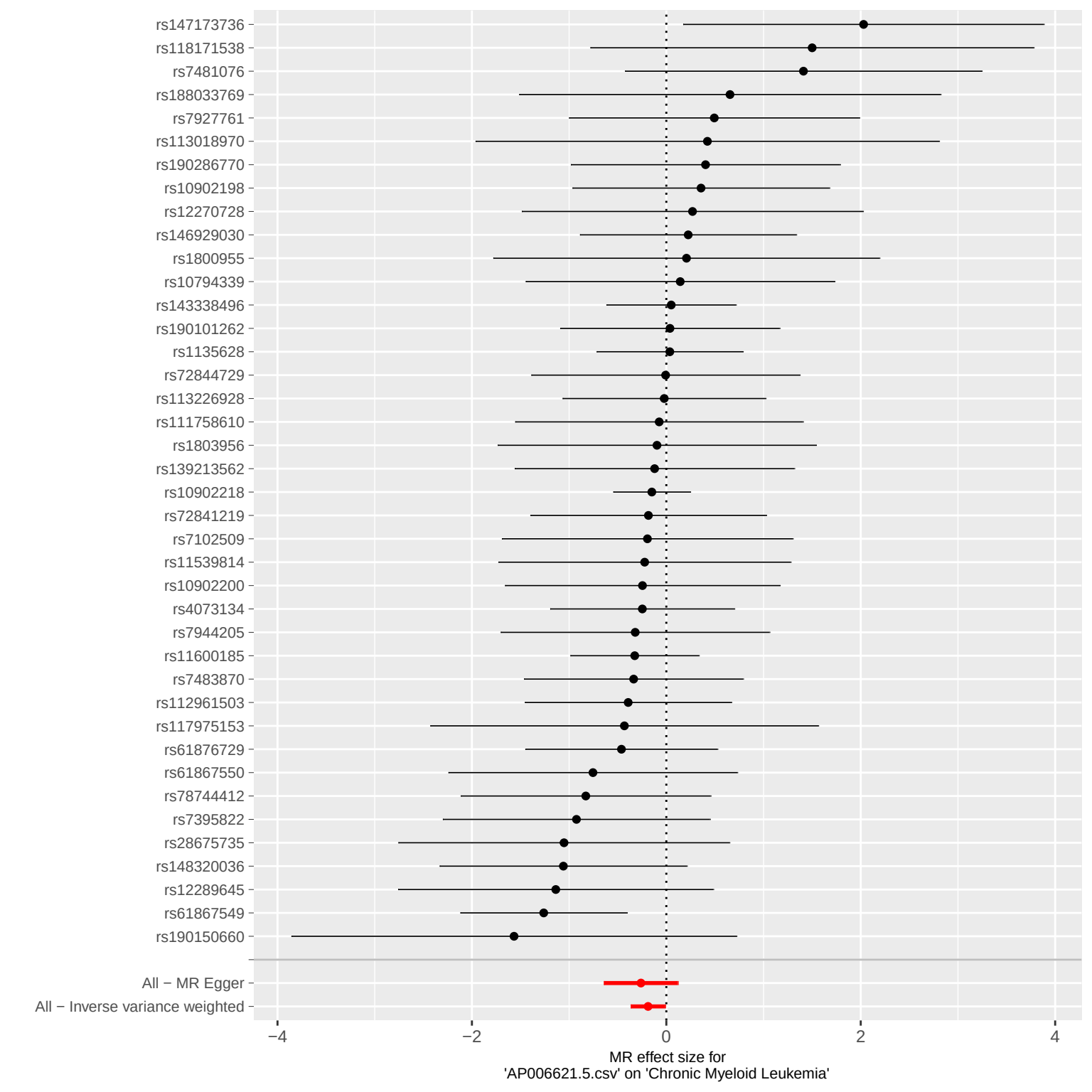
MR effect size for
'AP006621.1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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2
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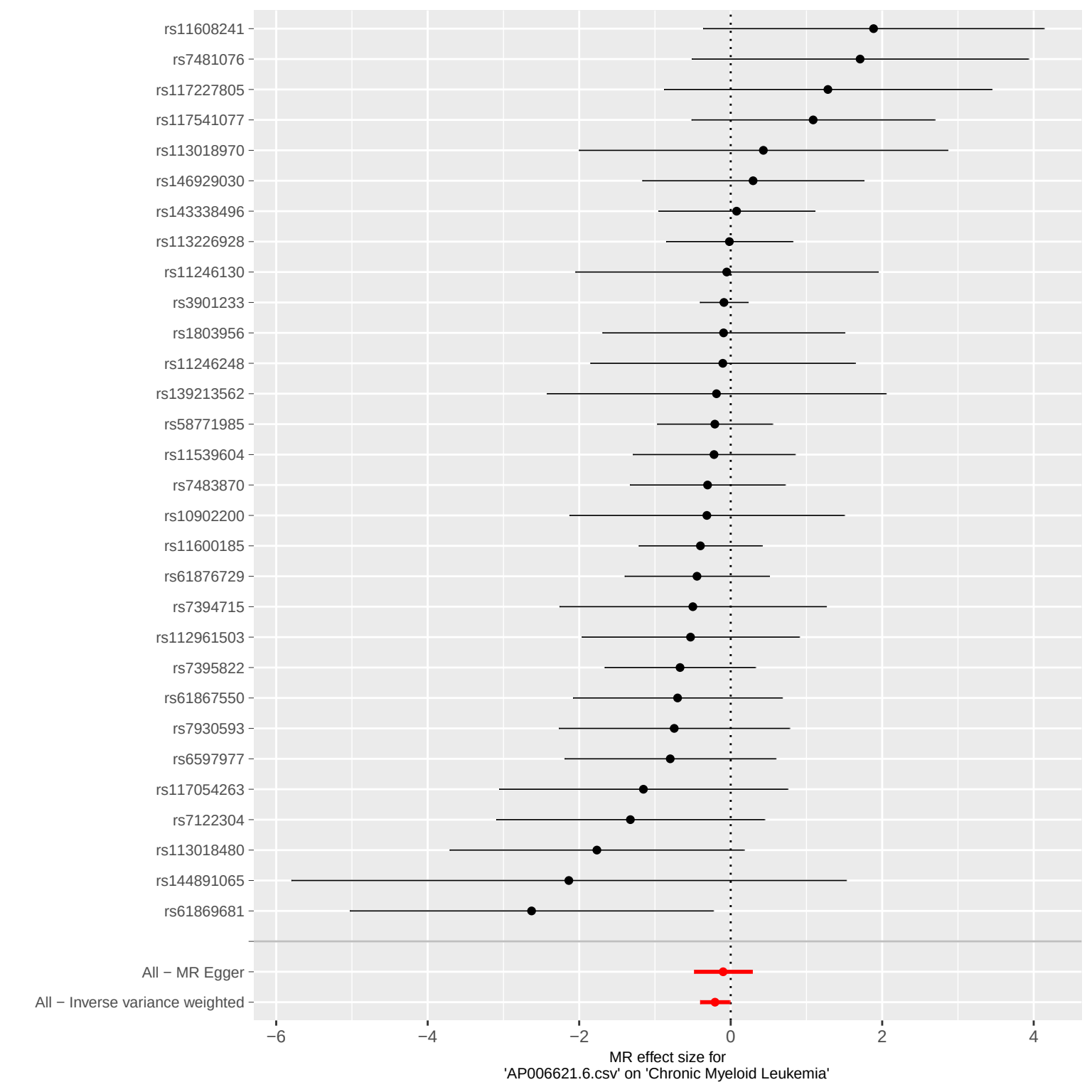
MR effect size for
'AP006621.5.csv' on 'Chronic Myeloid Leukemia'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rs112961503
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All − MR Egger
All − Inverse variance weighted
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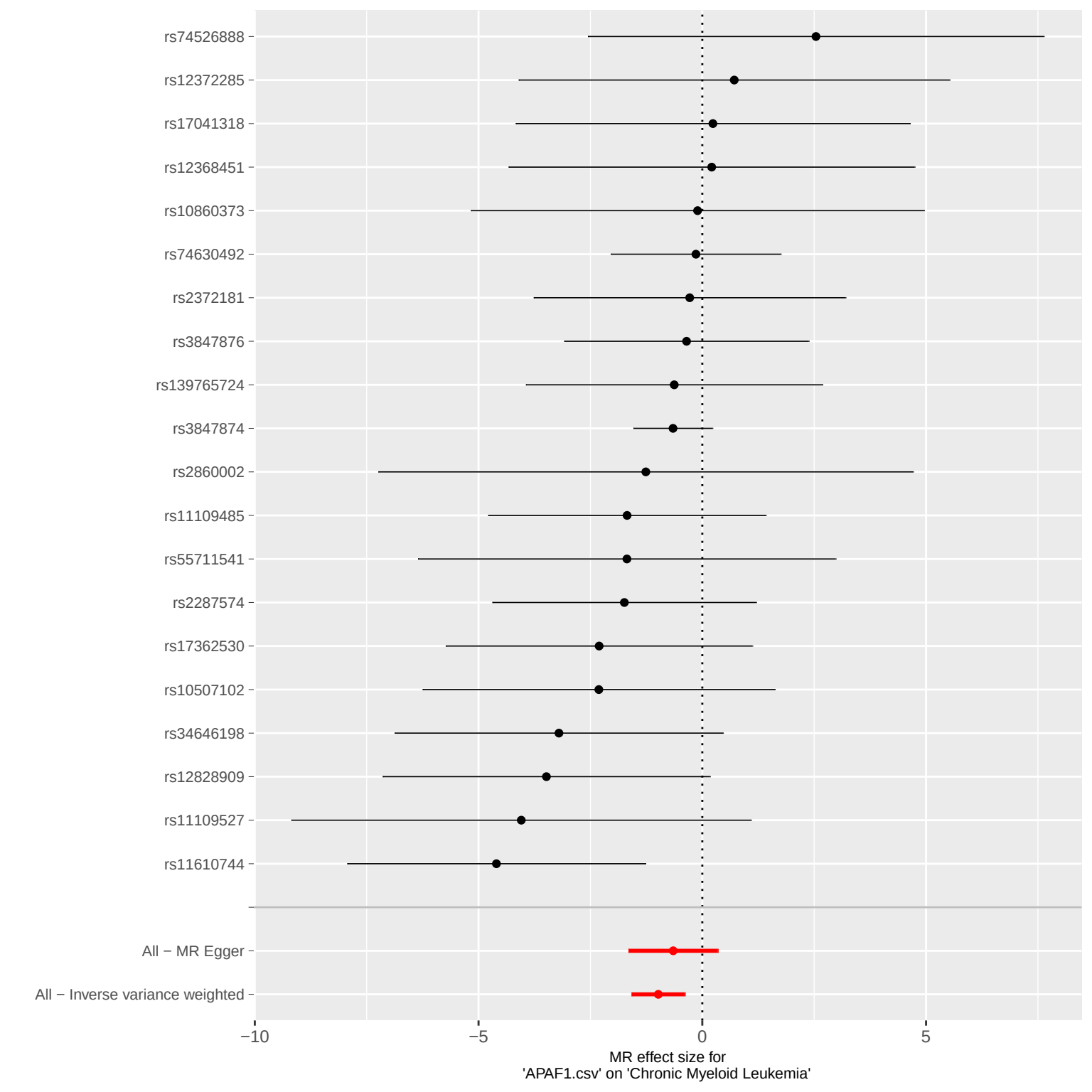
−4
−2
0
2
4
MR effect size for
'AP006621.6.csv' on 'Chronic Myeloid Leukemia'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rs17362530
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rs11109527
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All − MR Egger
All − Inverse variance weighted
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−5
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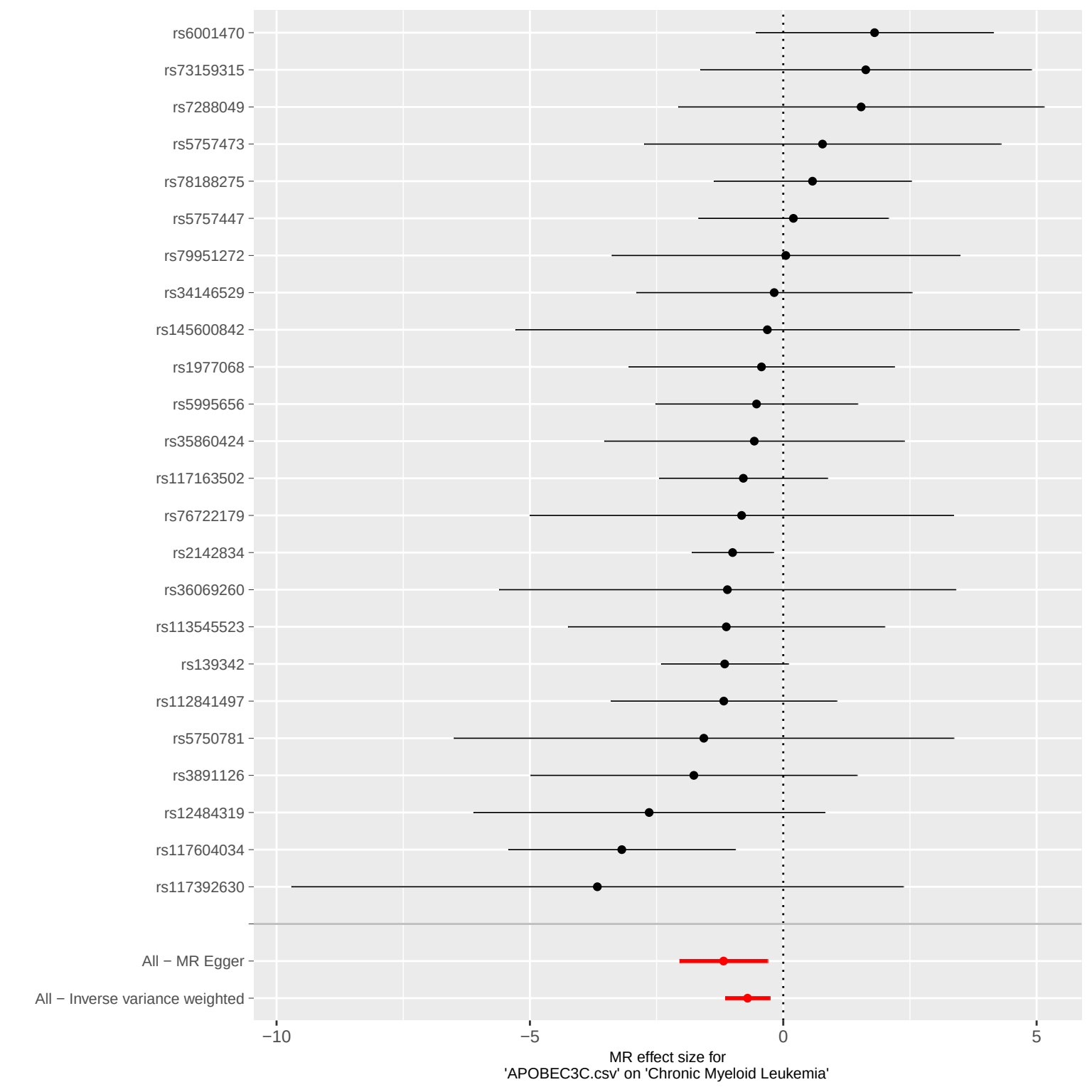
5
MR effect size for
'APAF1.csv' on 'Chronic Myeloid Leukemia'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rs5750781
rs3891126
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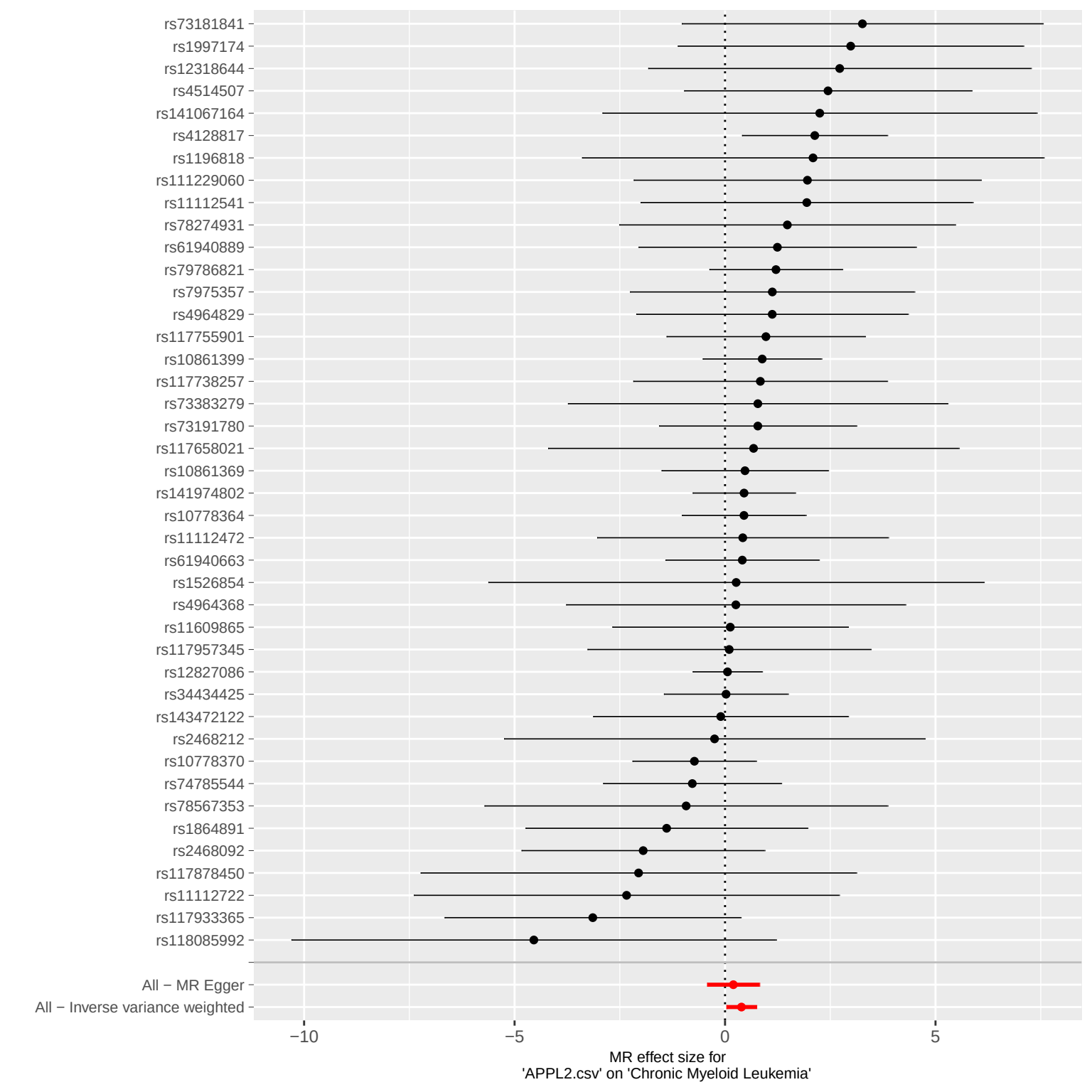
rs117392630
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'APOBEC3C.csv' on 'Chronic Myeloid Leukemia'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rs1864891
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All − MR Egger
All − Inverse variance weighted
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−5
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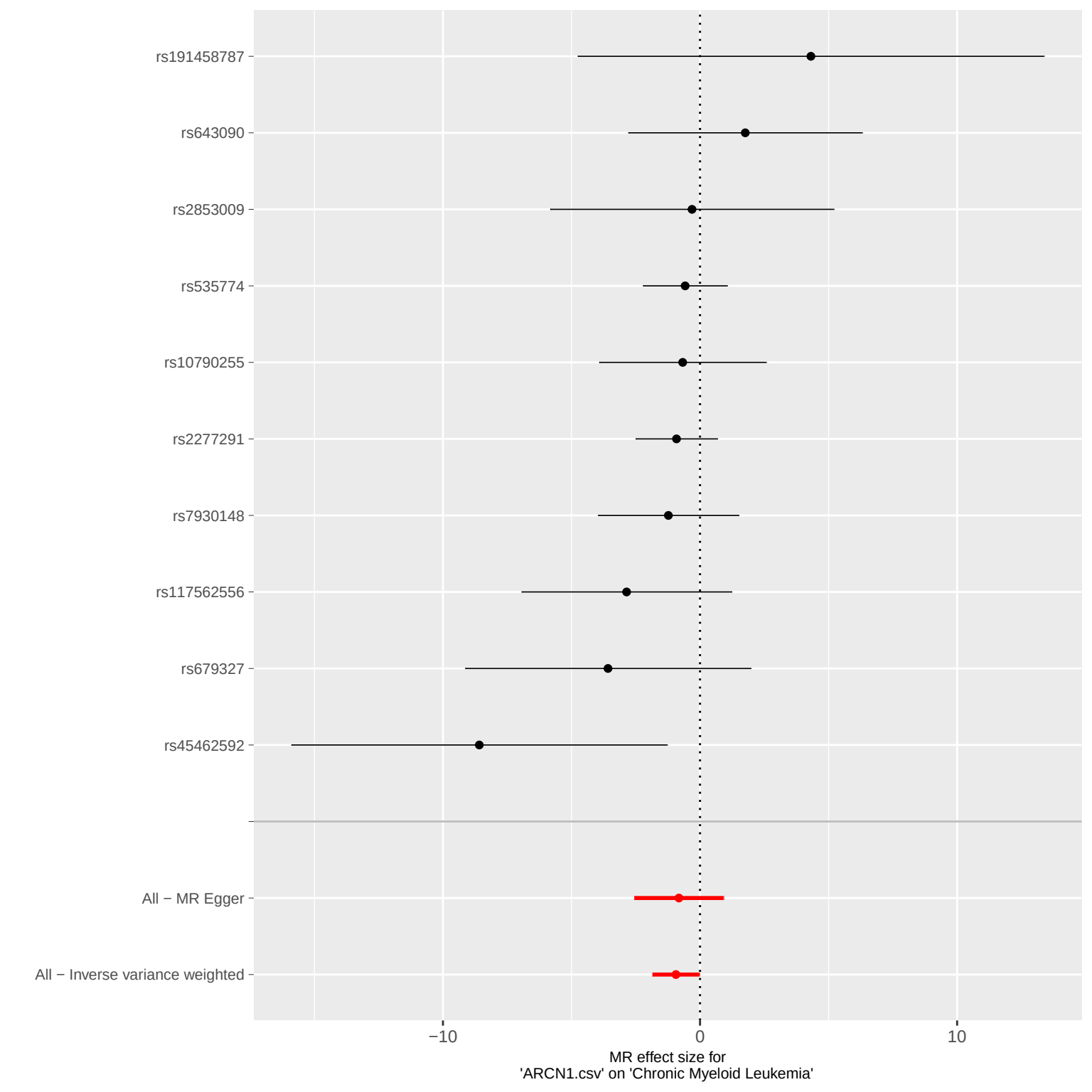
5
MR effect size for
'APPL2.csv' on 'Chronic Myeloid Leukemia'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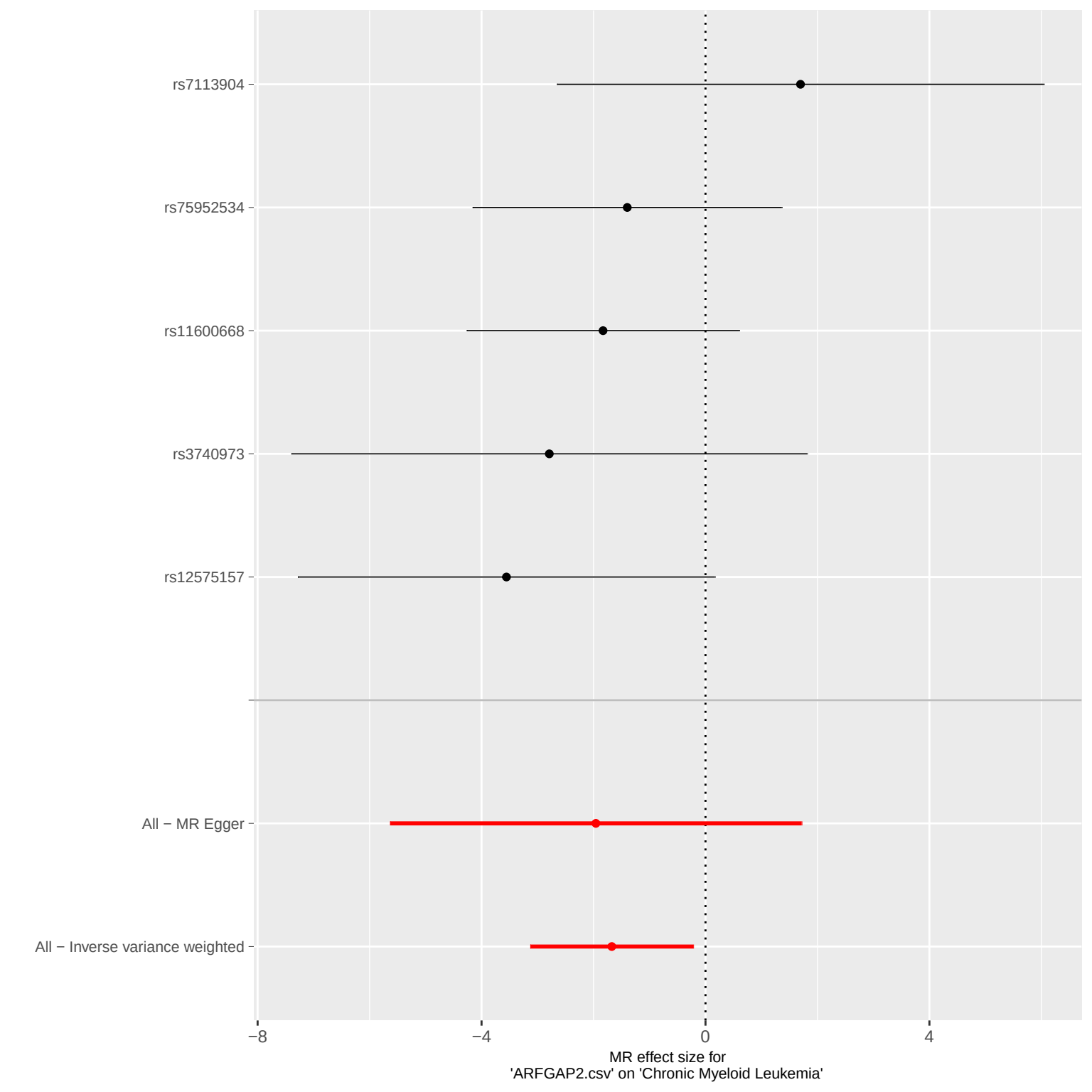
All − Inverse variance weighted
−10
0
10
MR effect size for
'ARCN1.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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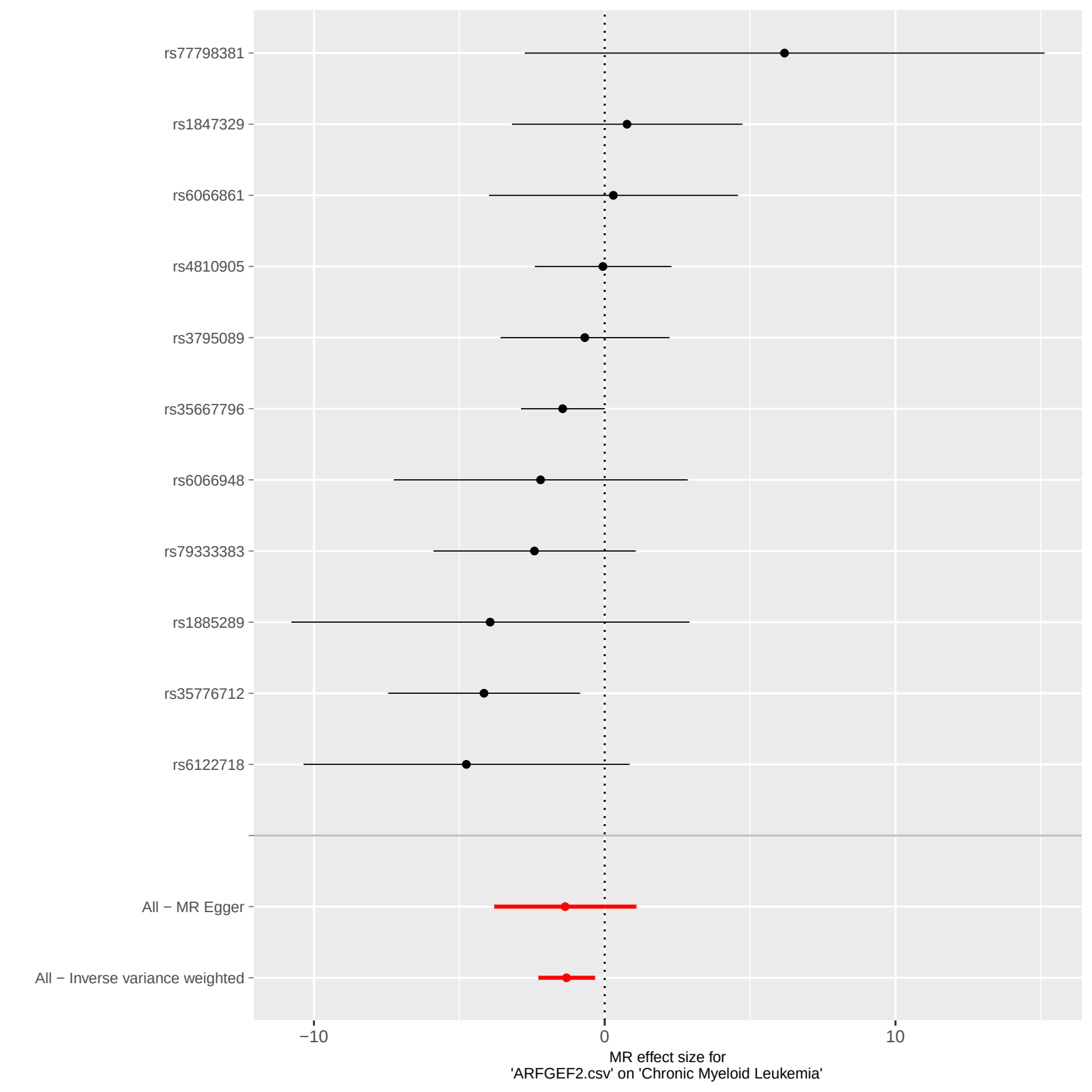
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All − Inverse variance weighted
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MR effect size for
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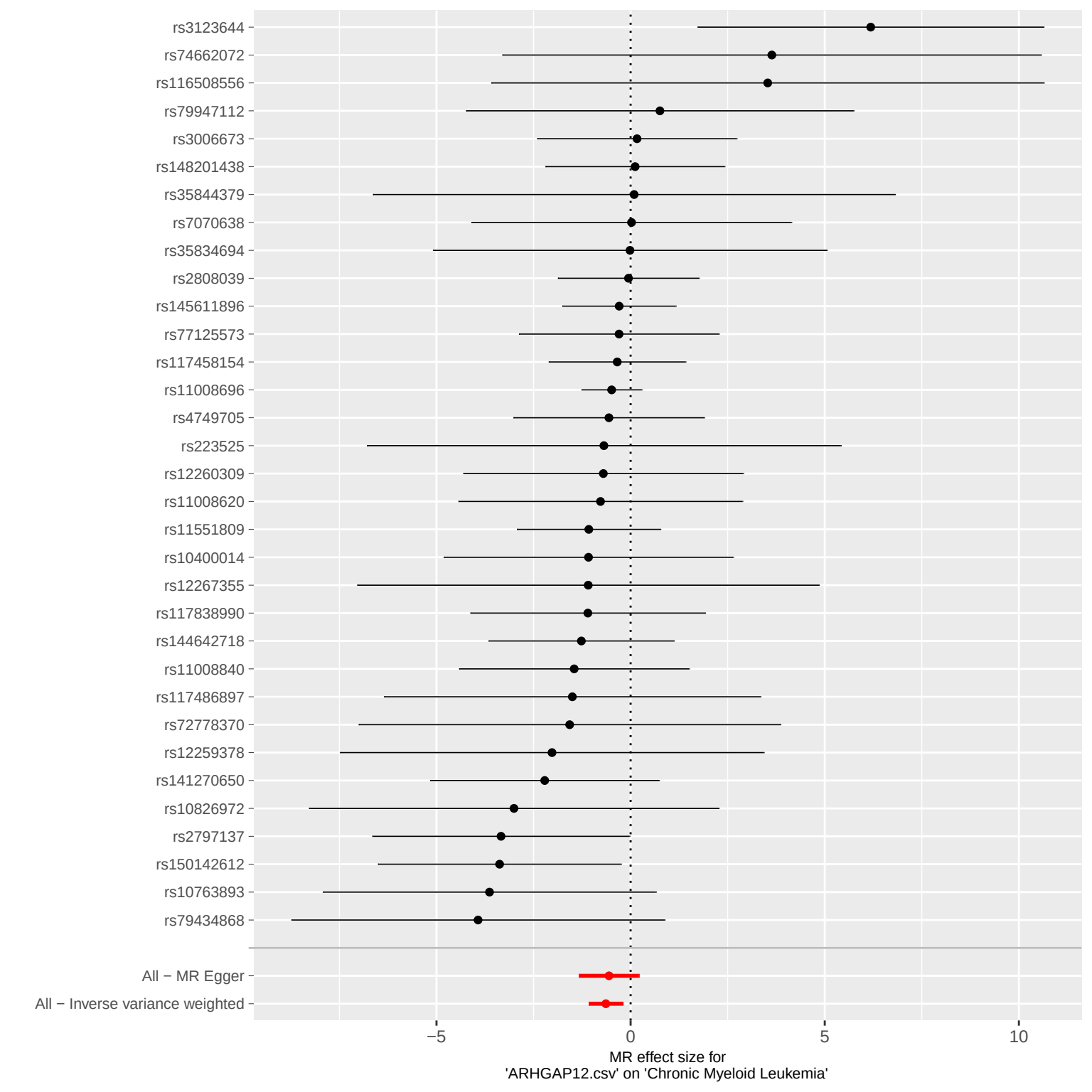
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All − Inverse variance weighted
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MR effect size for
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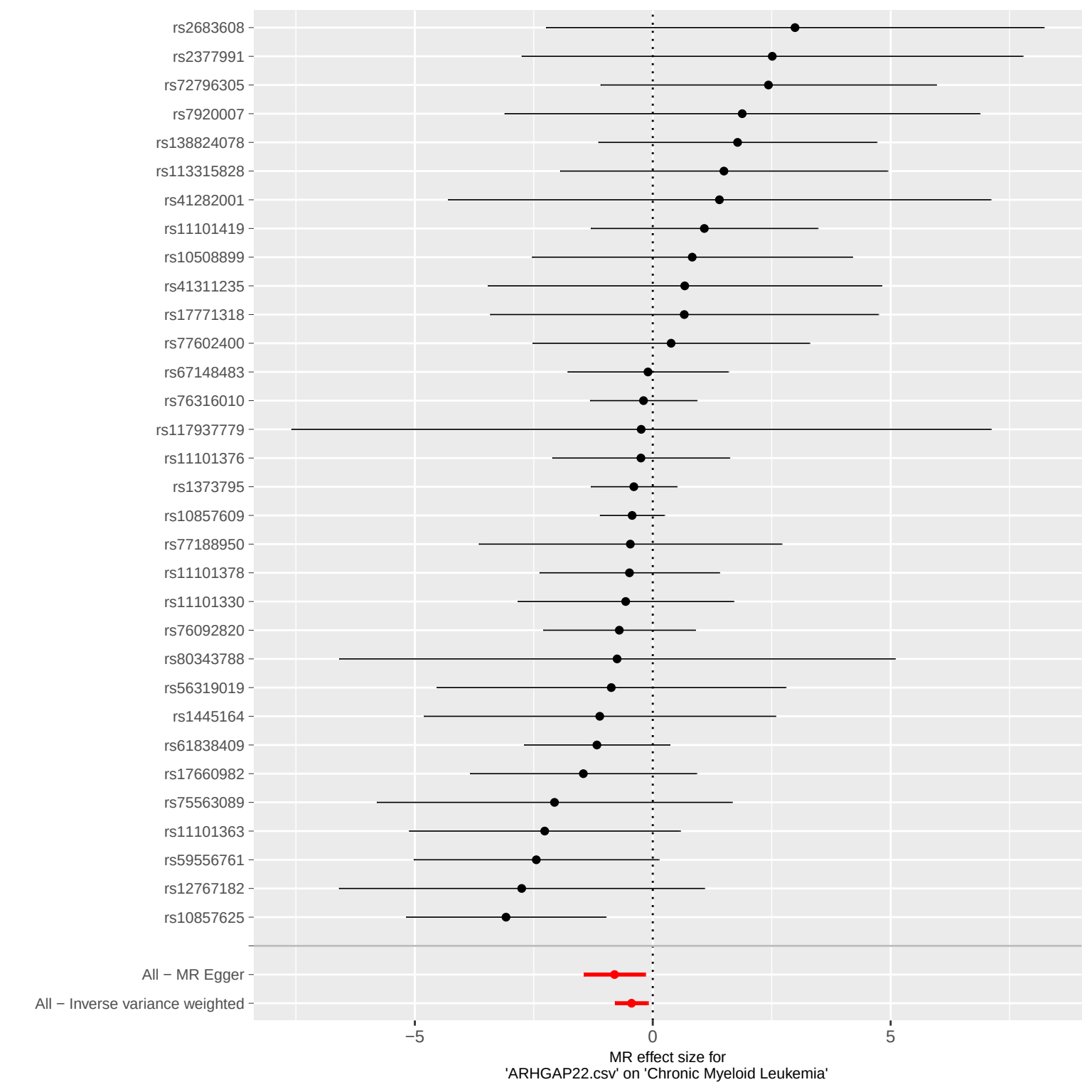
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All − Inverse variance weighted
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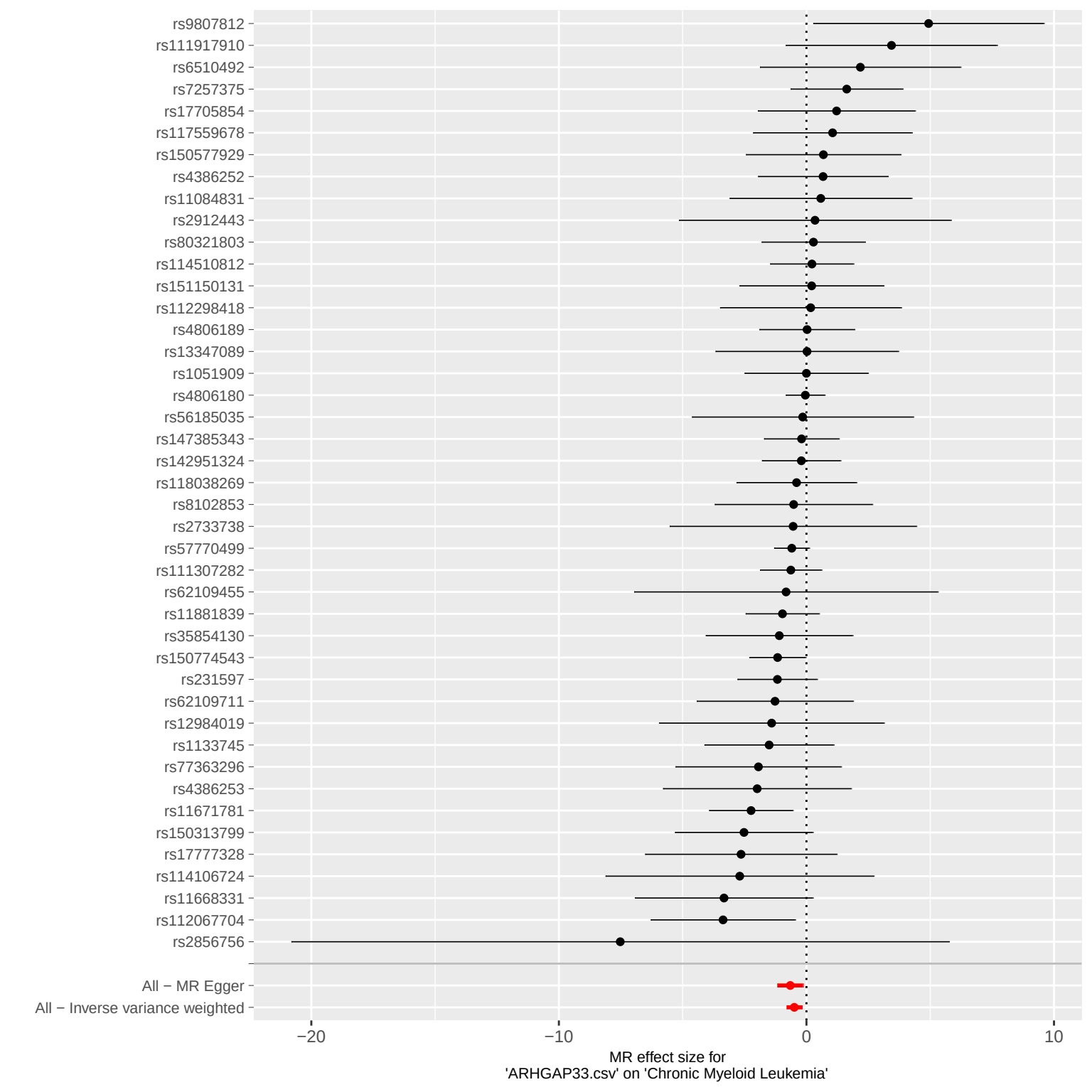
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All − MR Egger
All − Inverse variance weighted
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−10
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MR effect size for
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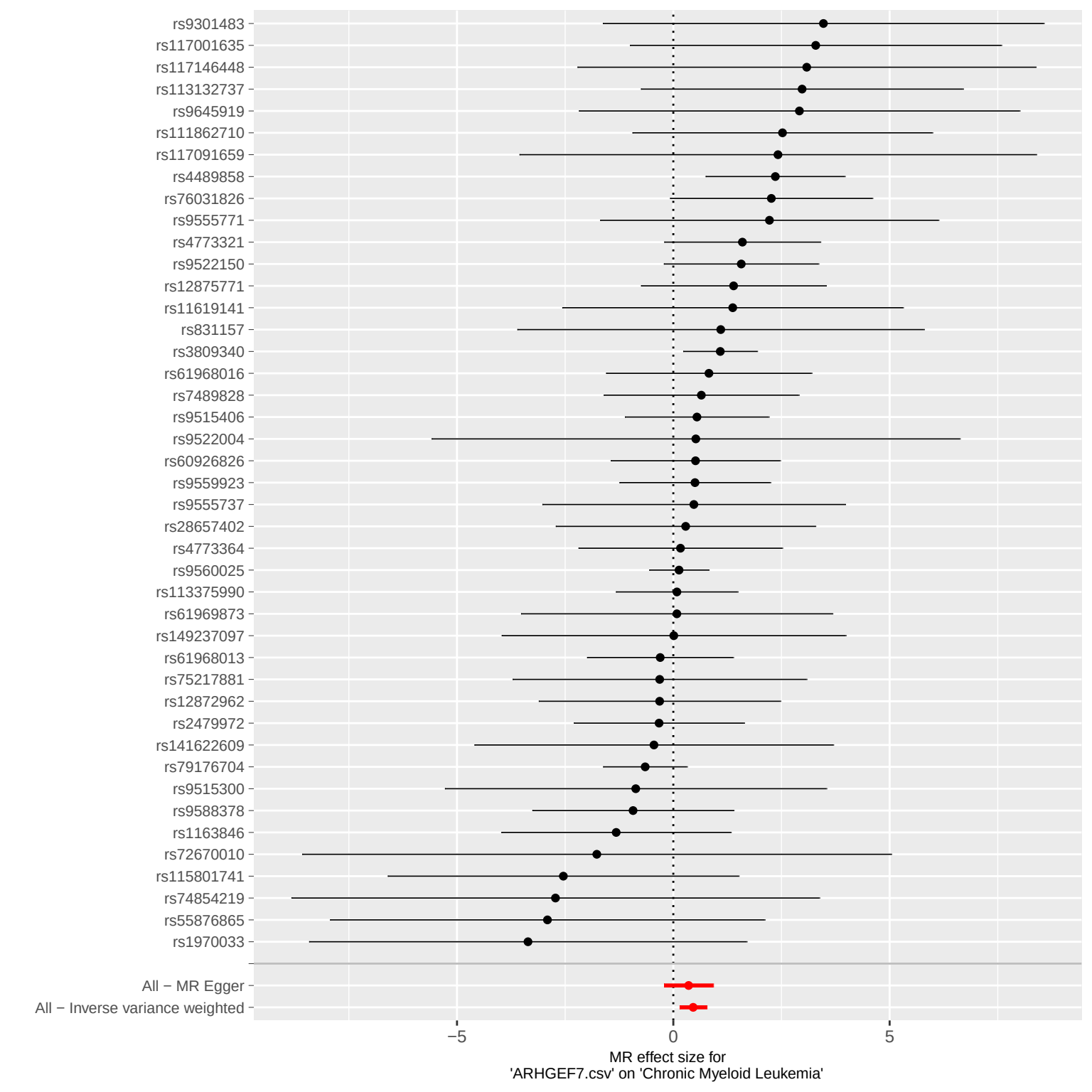
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MR effect size for
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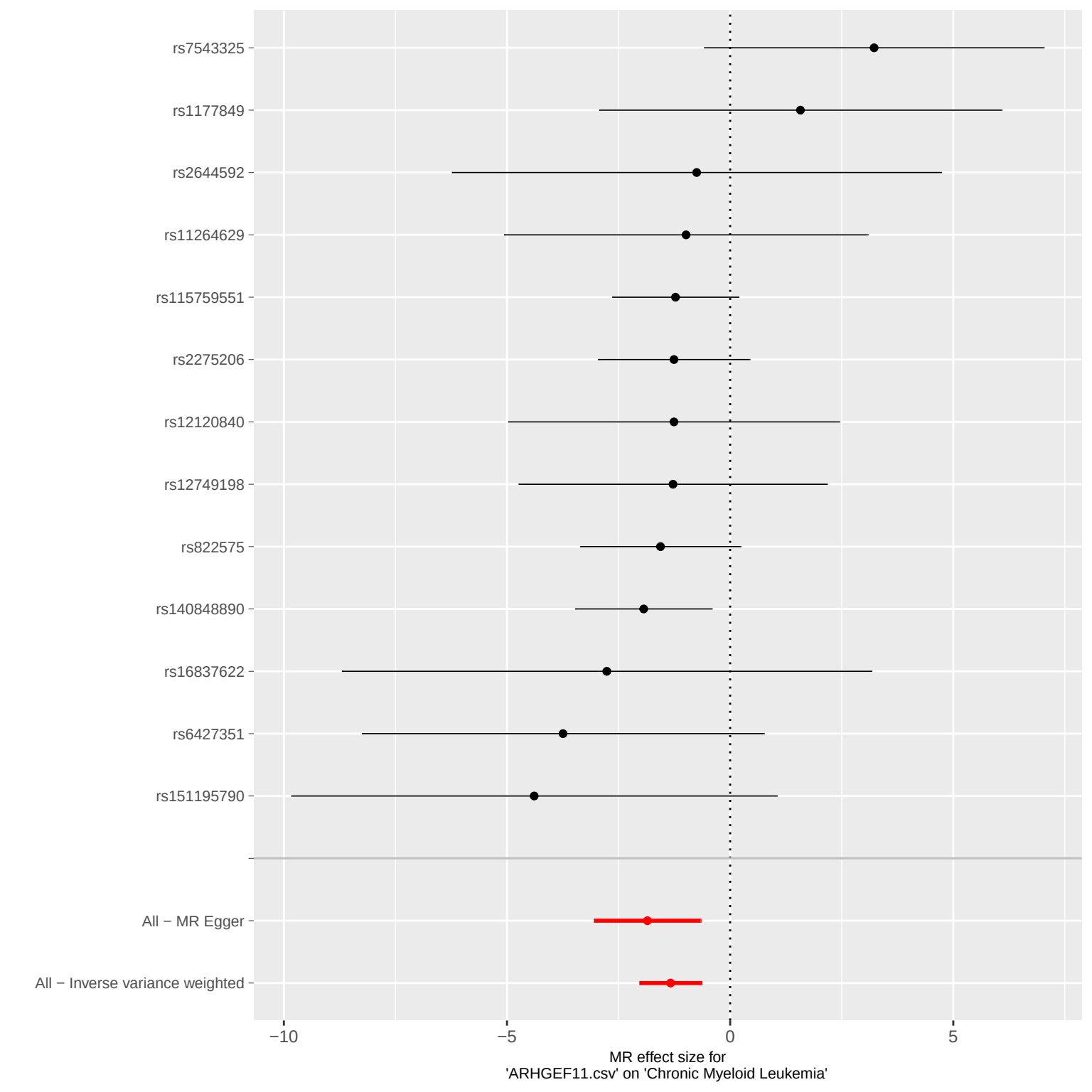
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All − MR Egger
All − Inverse variance weighted
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−5
0
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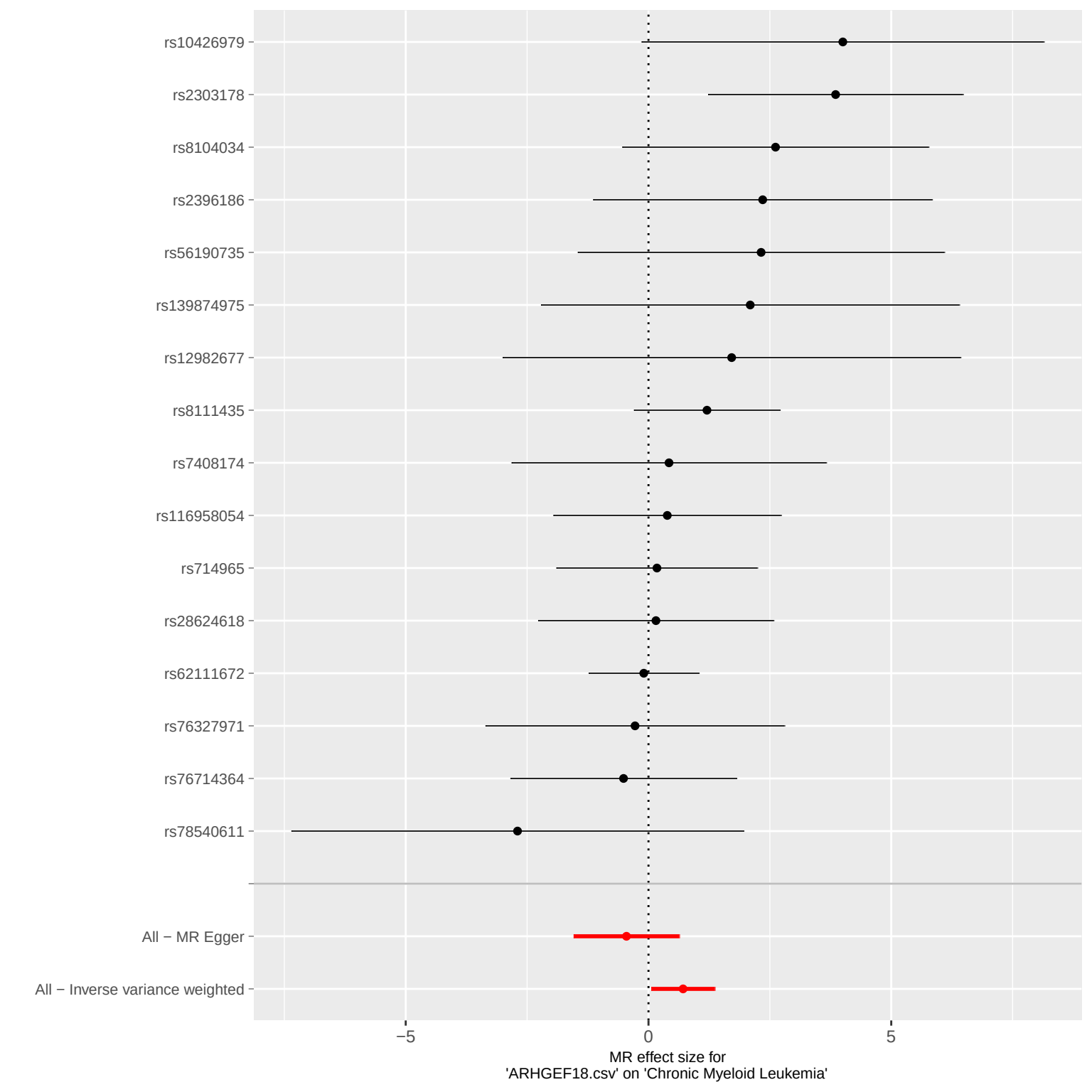
MR effect size for
'ARHGEF11.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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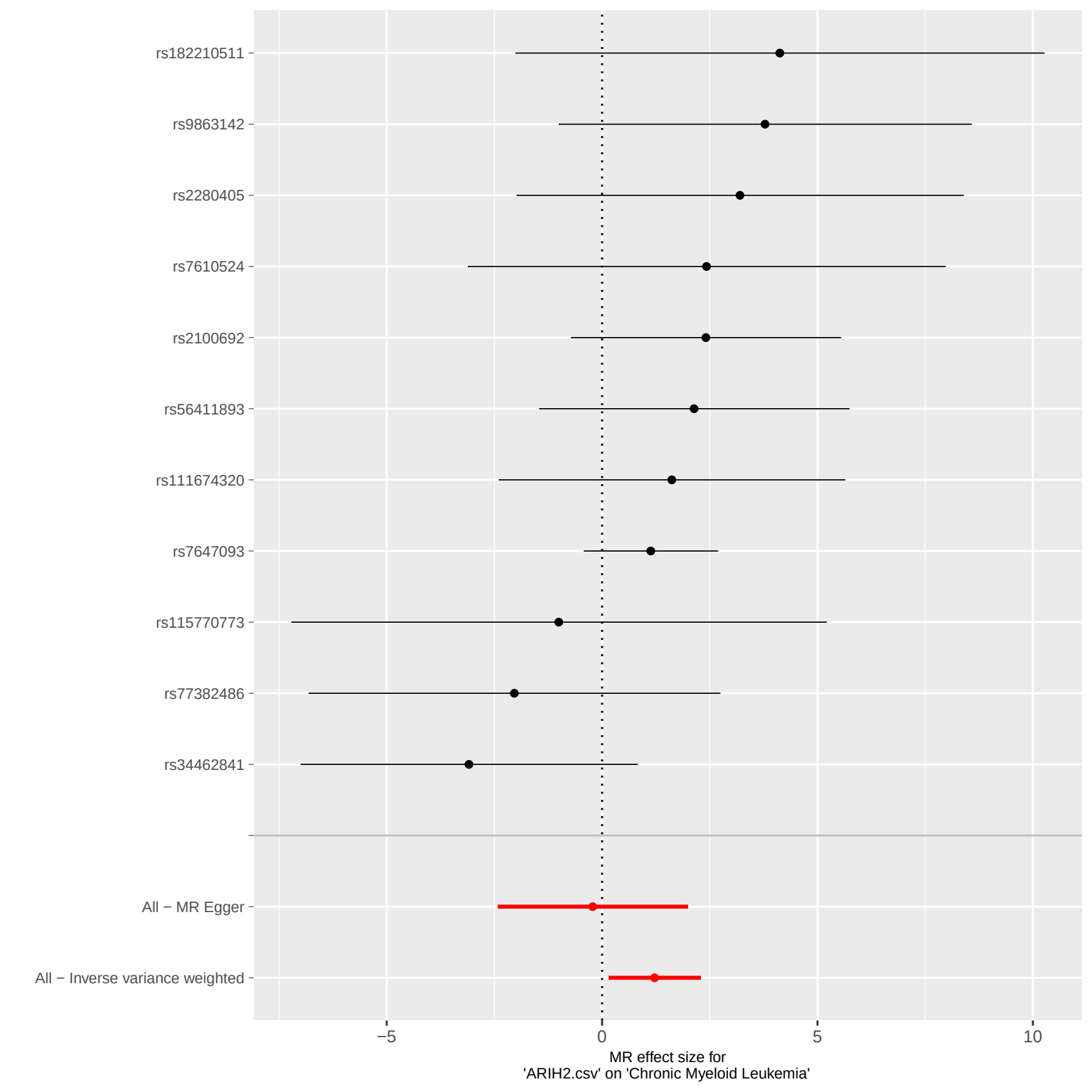
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All − Inverse variance weighted
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MR effect size for
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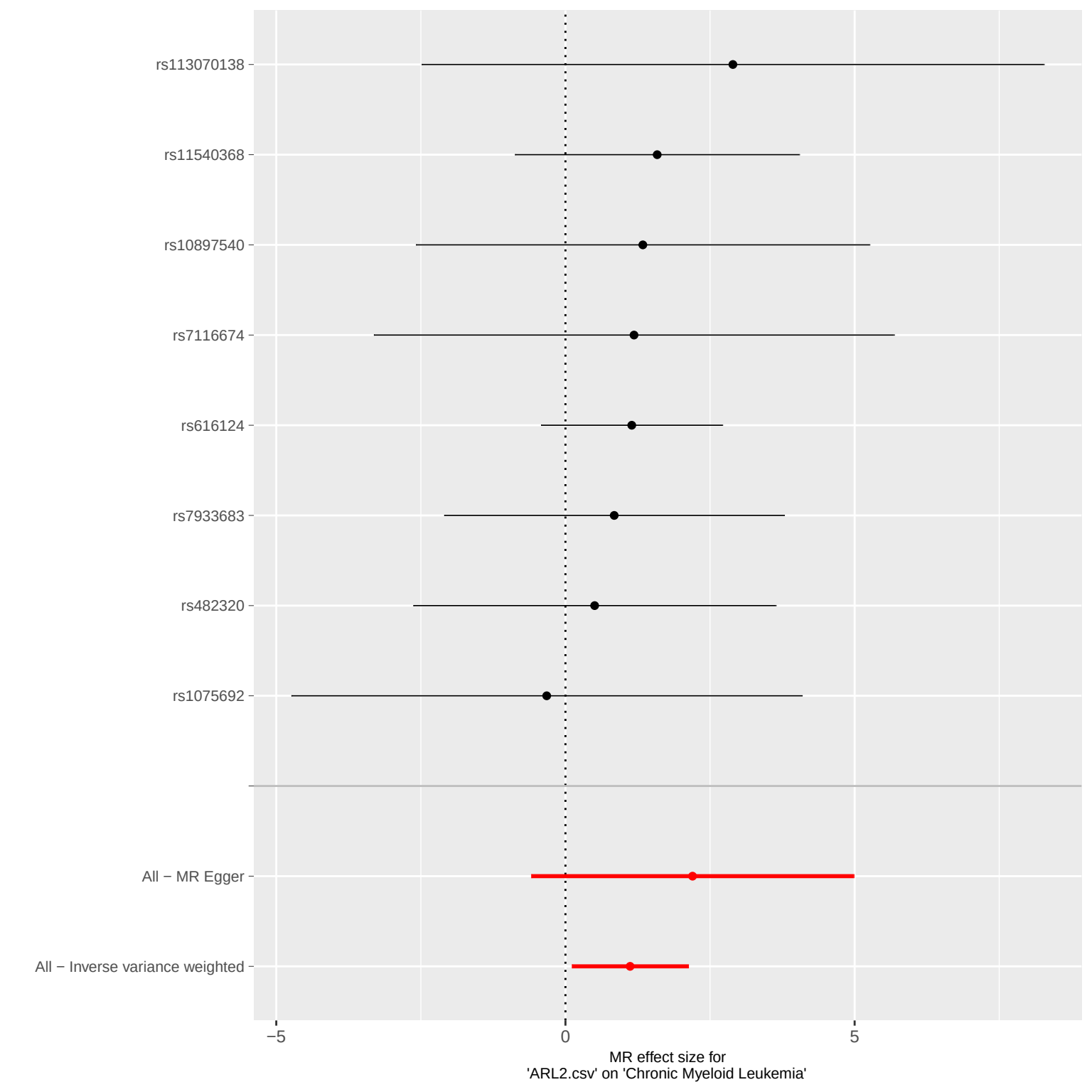
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All − Inverse variance weighted
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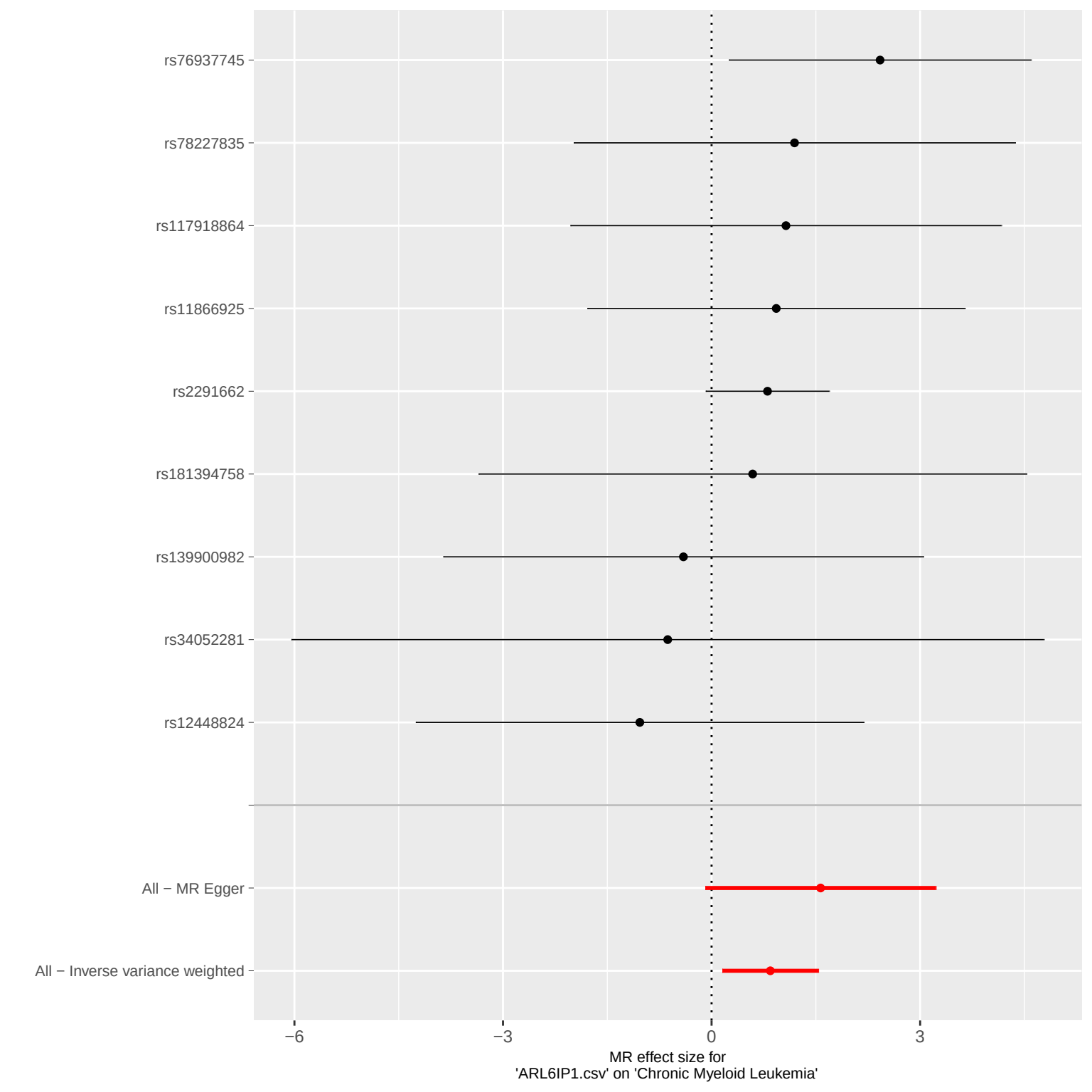
MR effect size for
'ARL2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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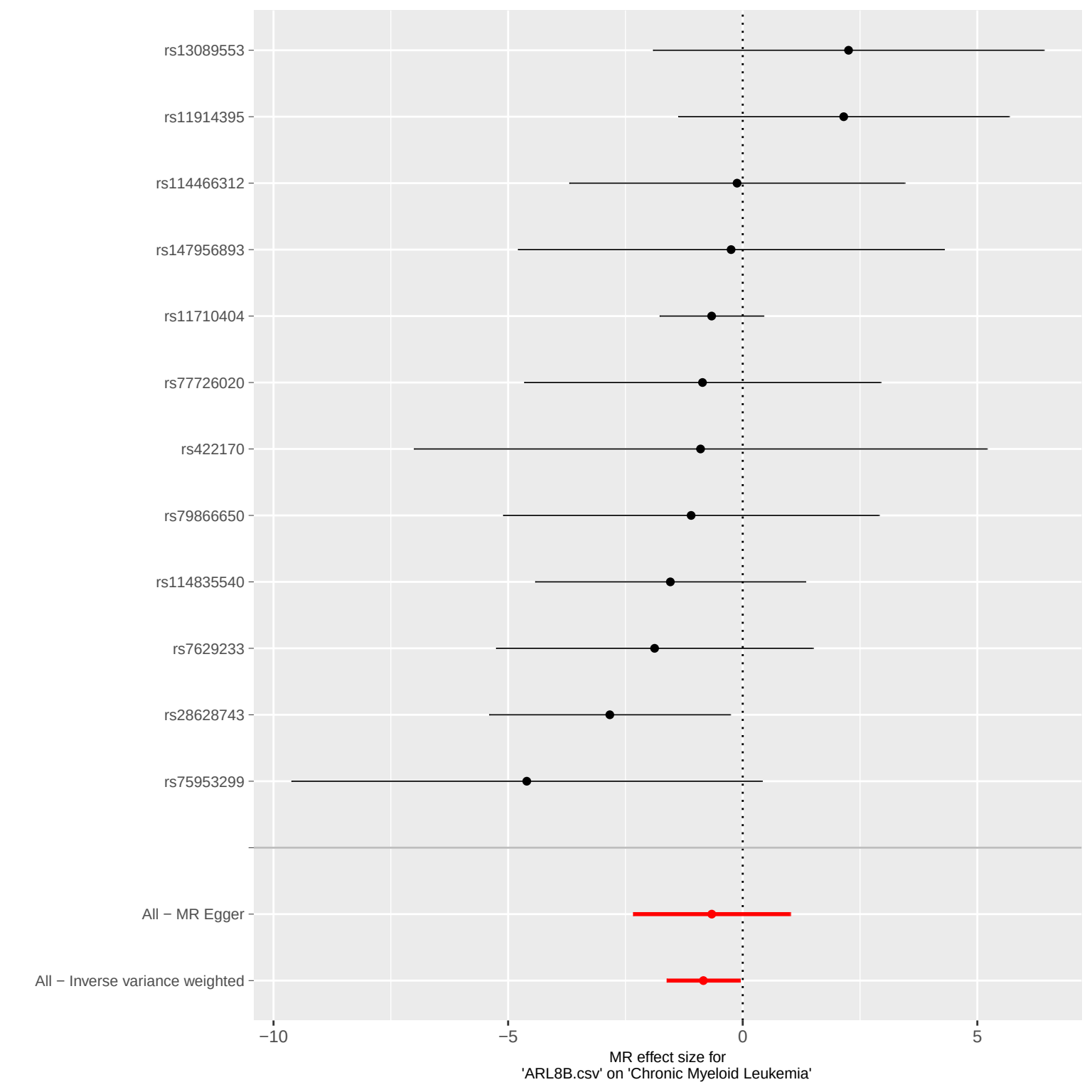
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MR effect size for
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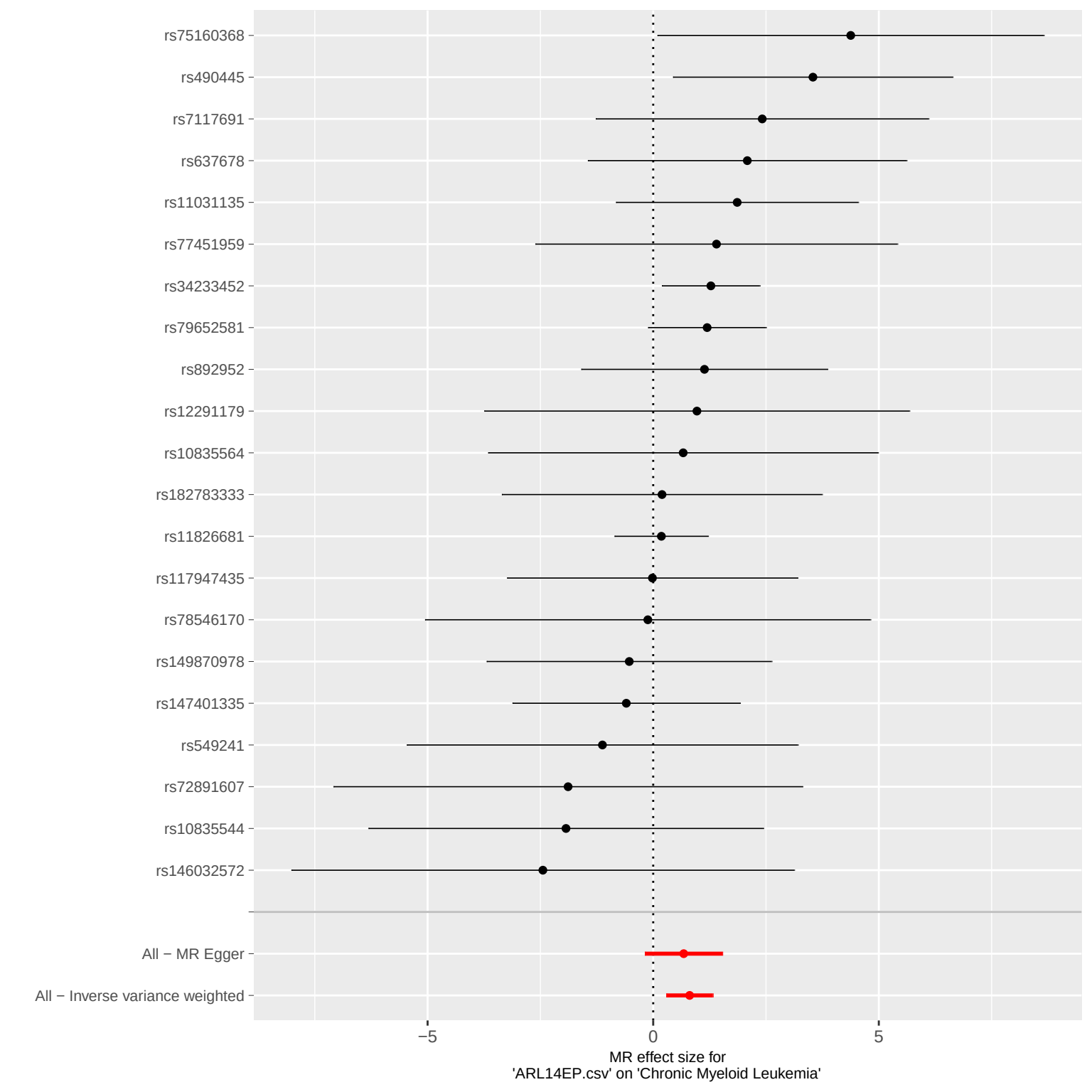
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All − Inverse variance weighted
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MR effect size for
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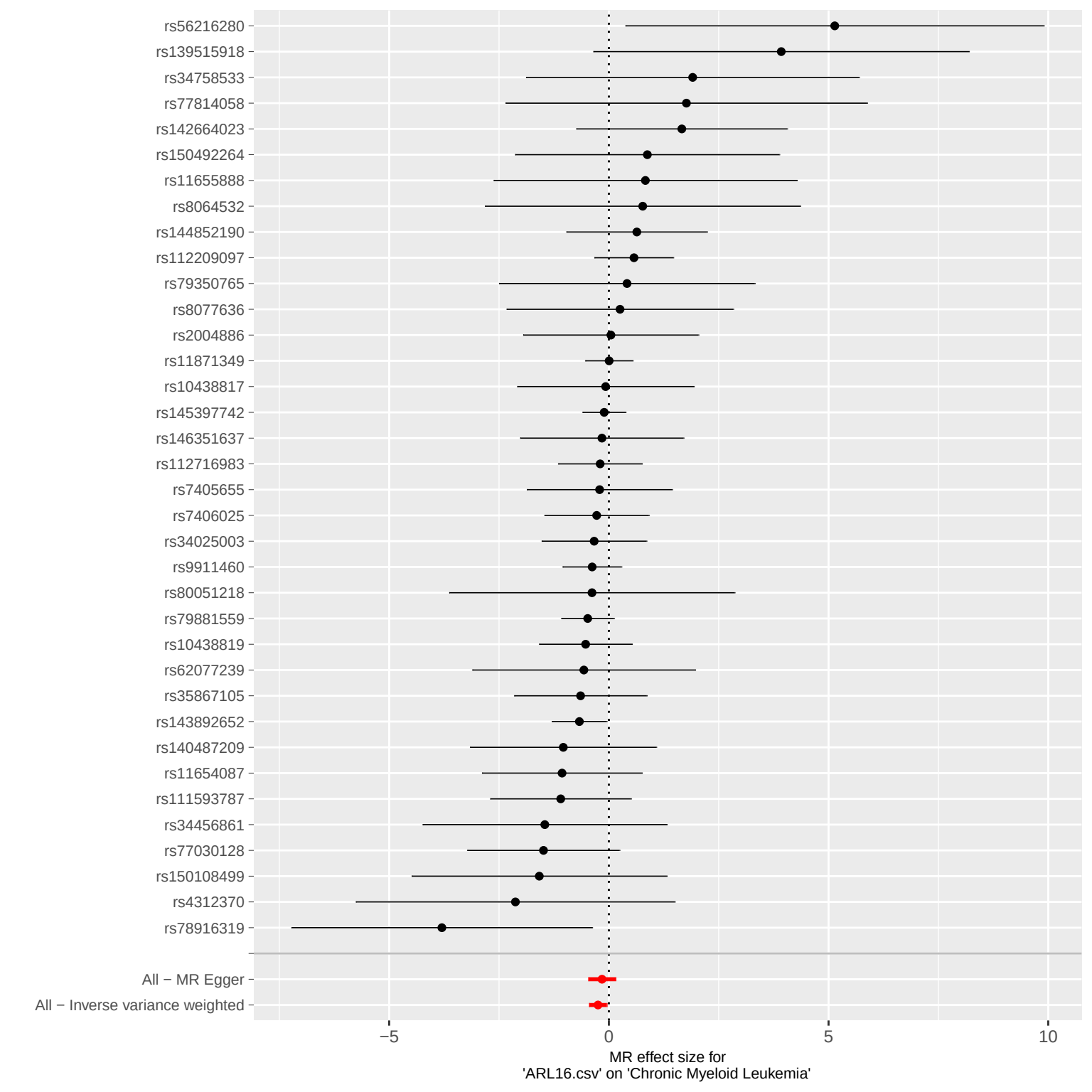
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All − Inverse variance weighted
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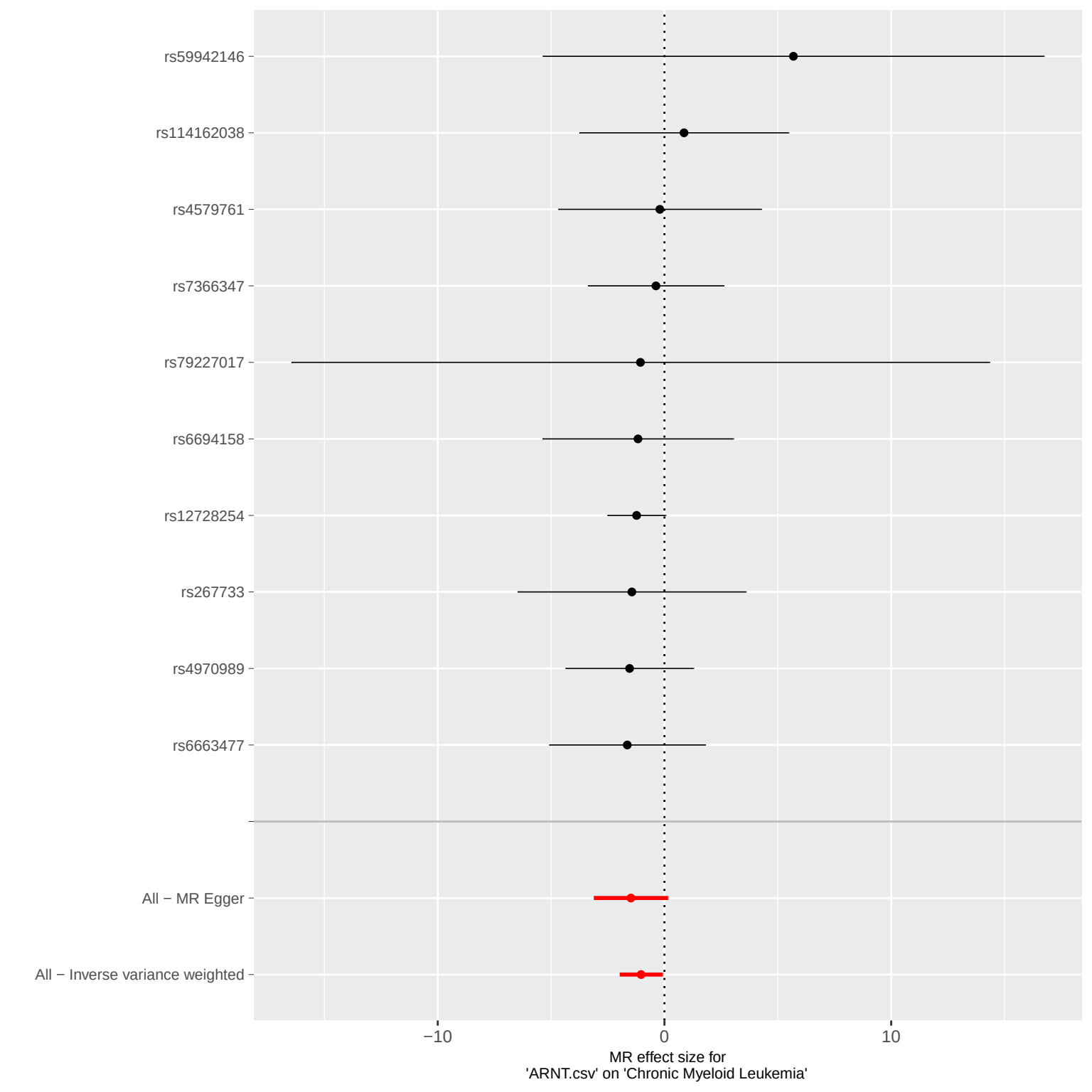
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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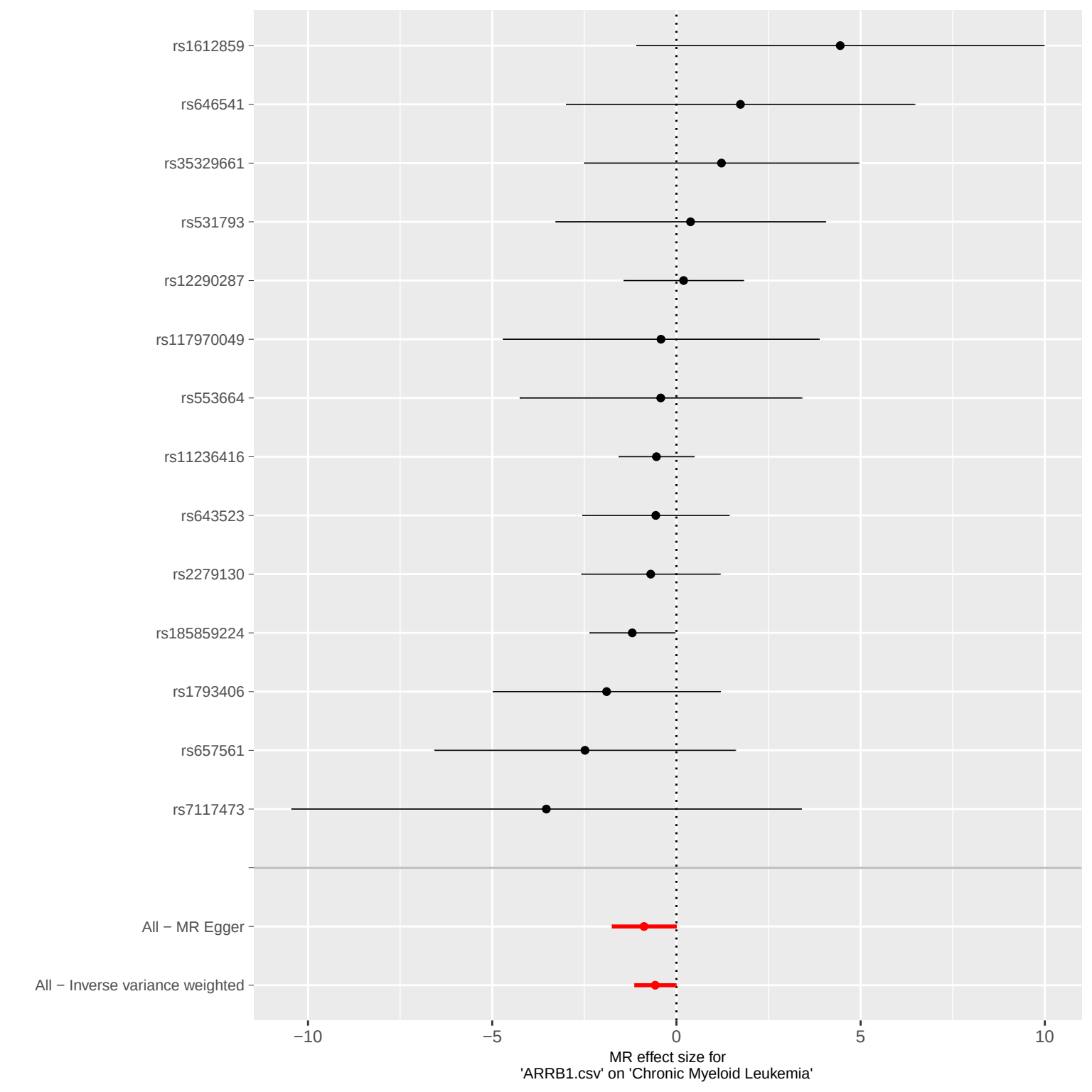
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All − Inverse variance weighted
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MR effect size for
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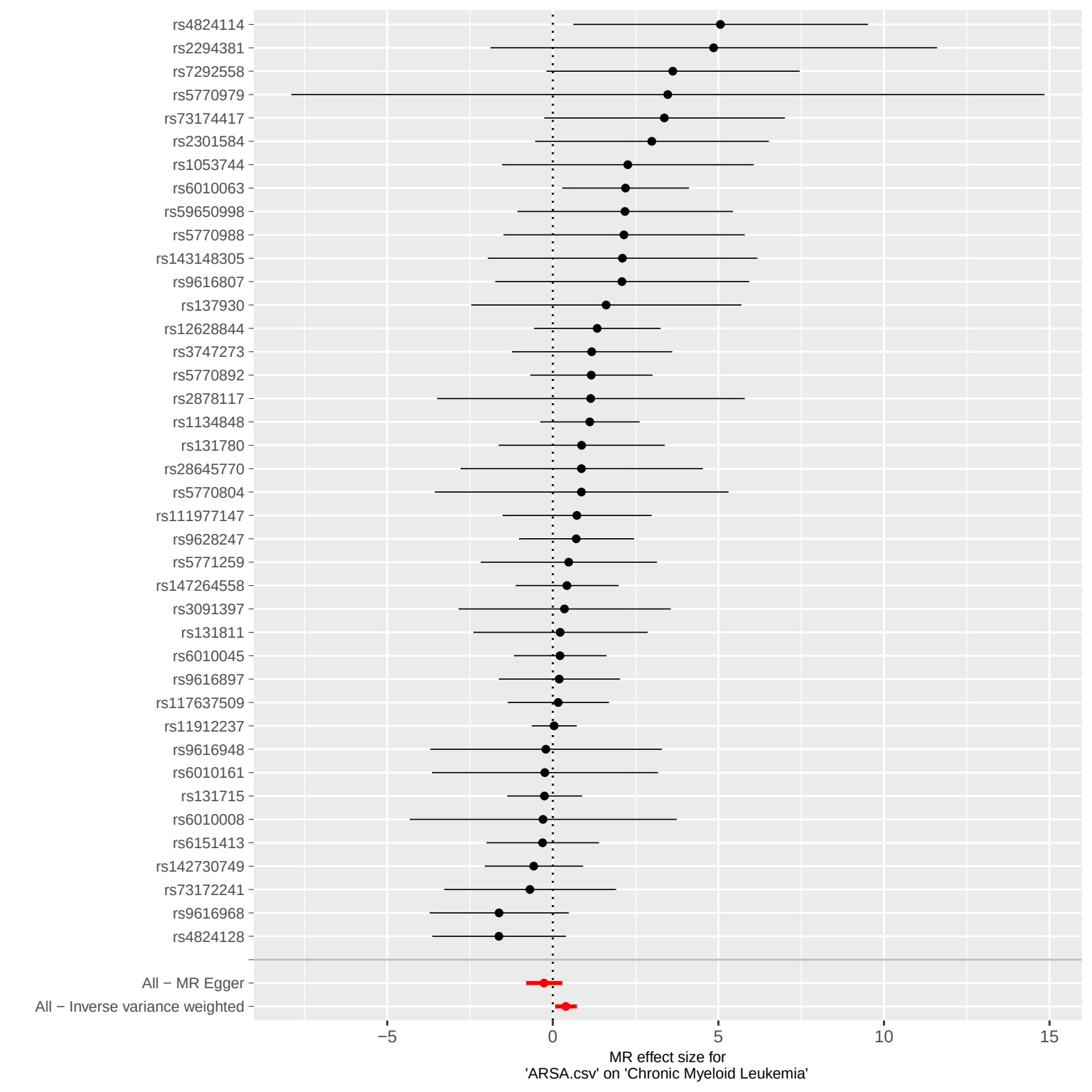
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All − Inverse variance weighted
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MR effect size for
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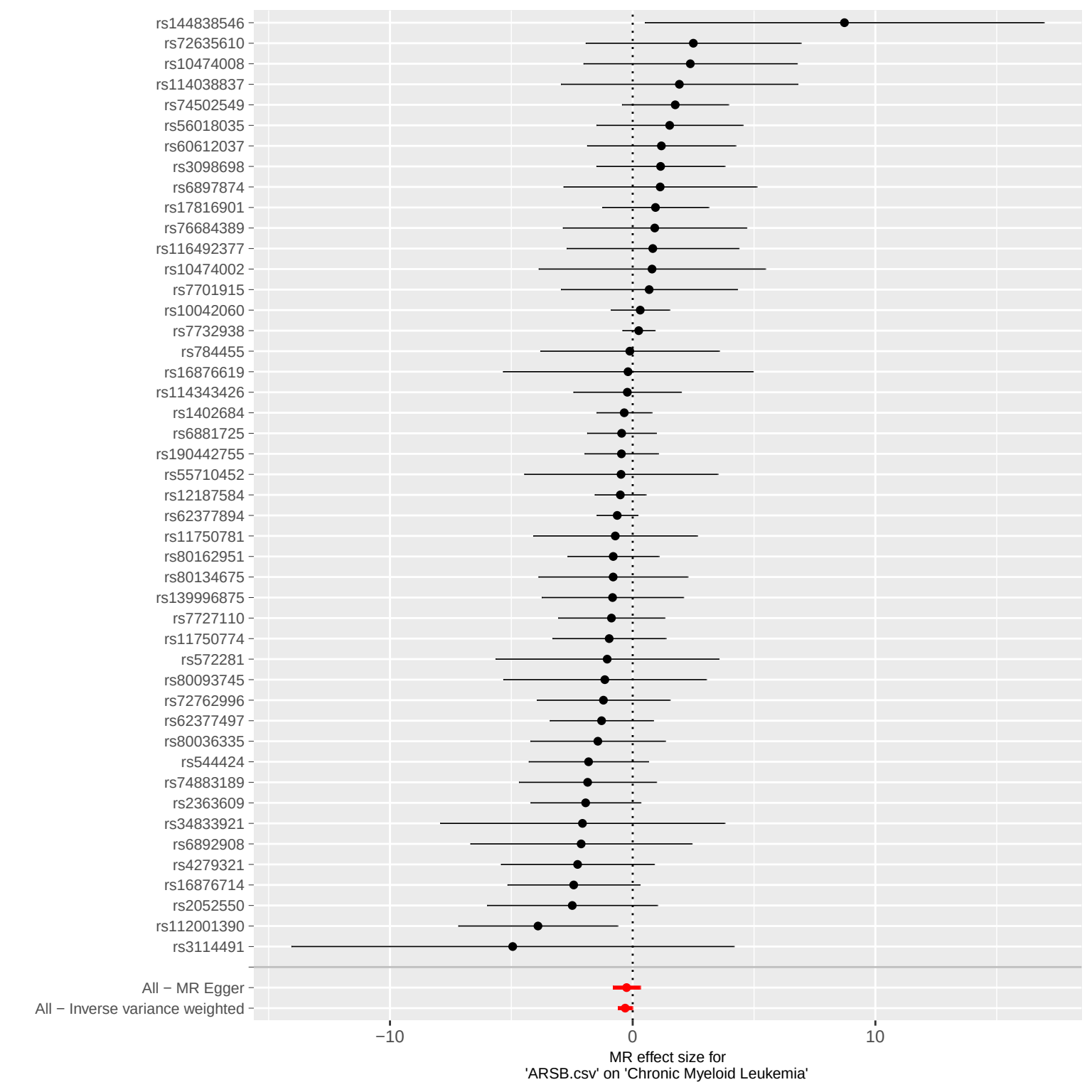
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MR effect size for
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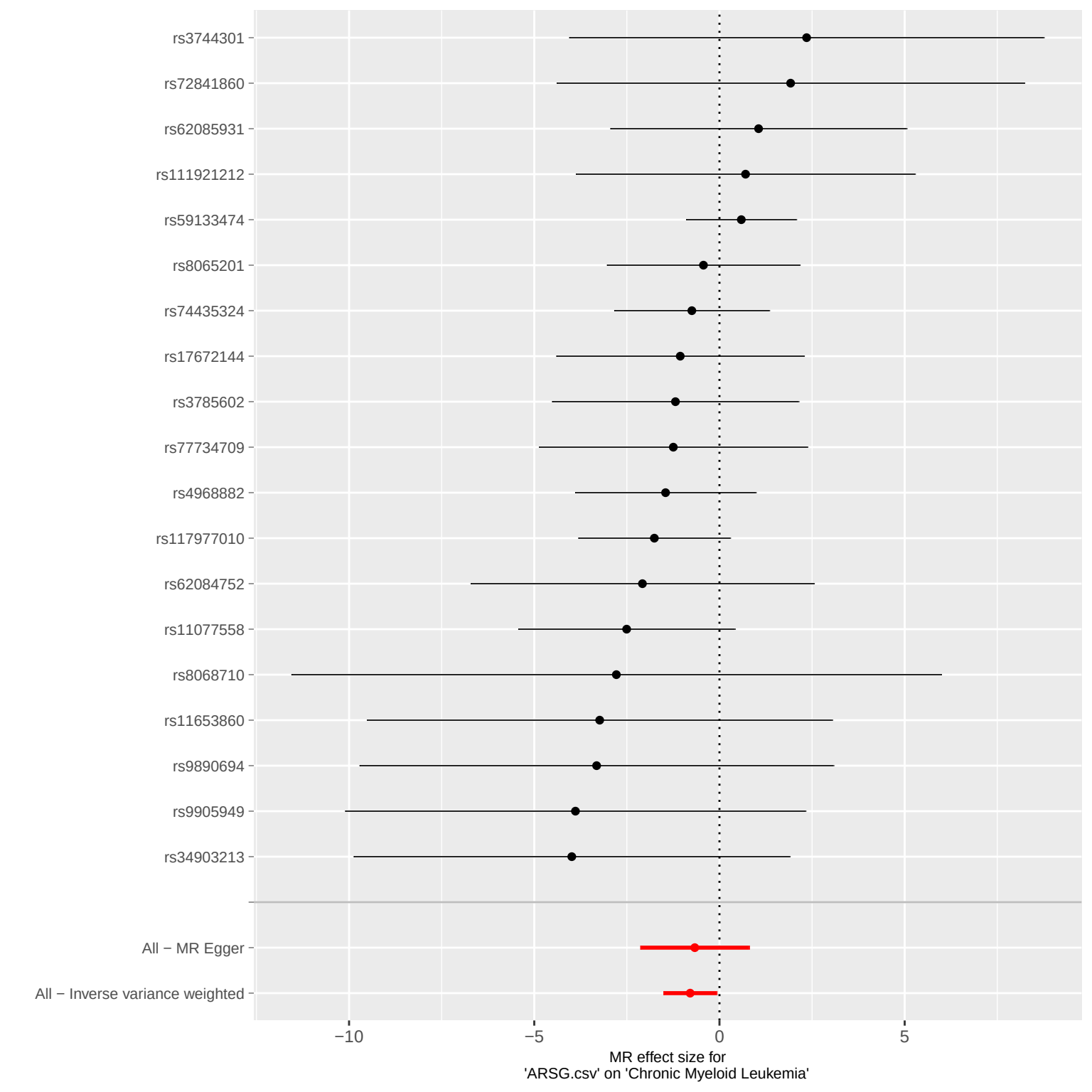
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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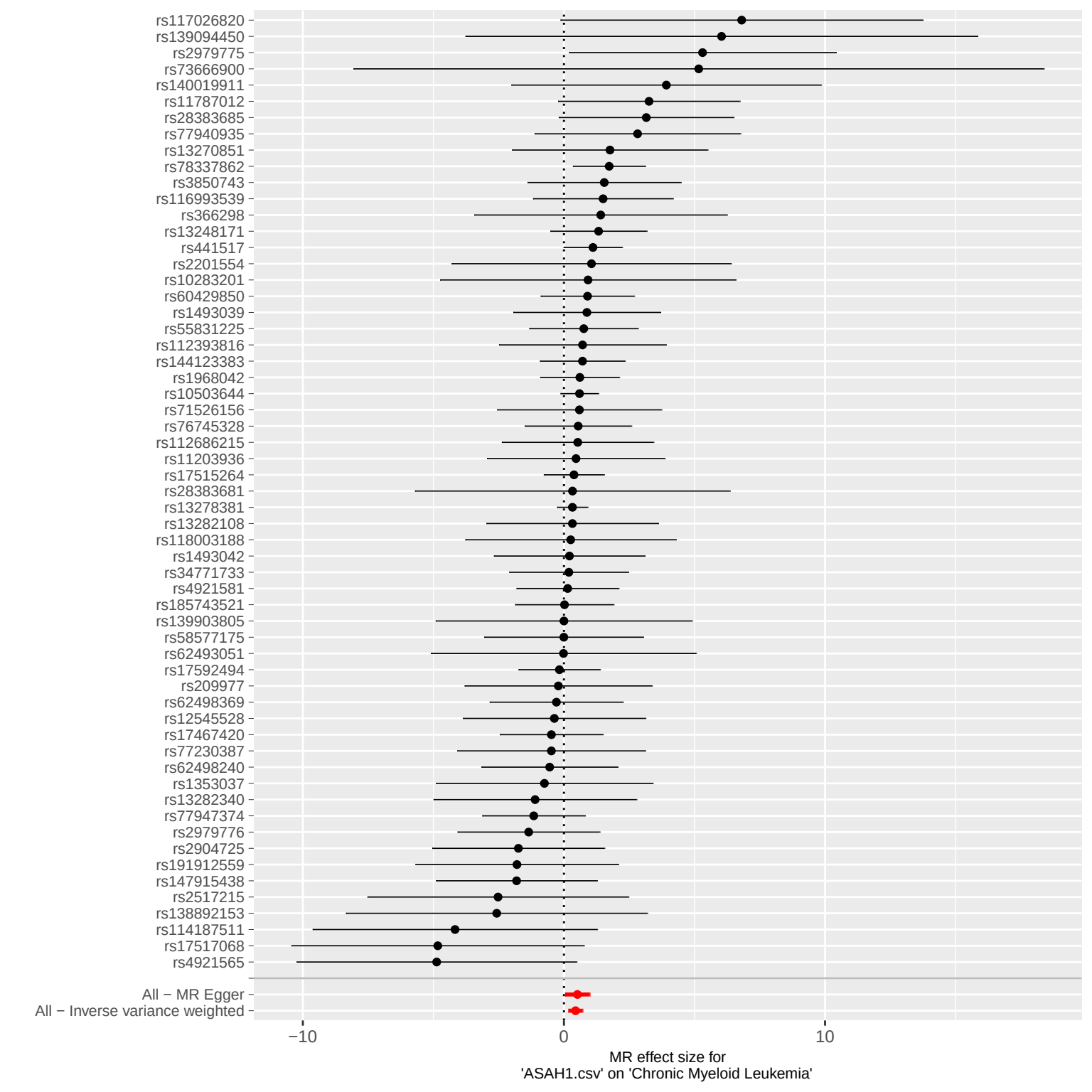
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All − Inverse variance weighted
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MR effect size for
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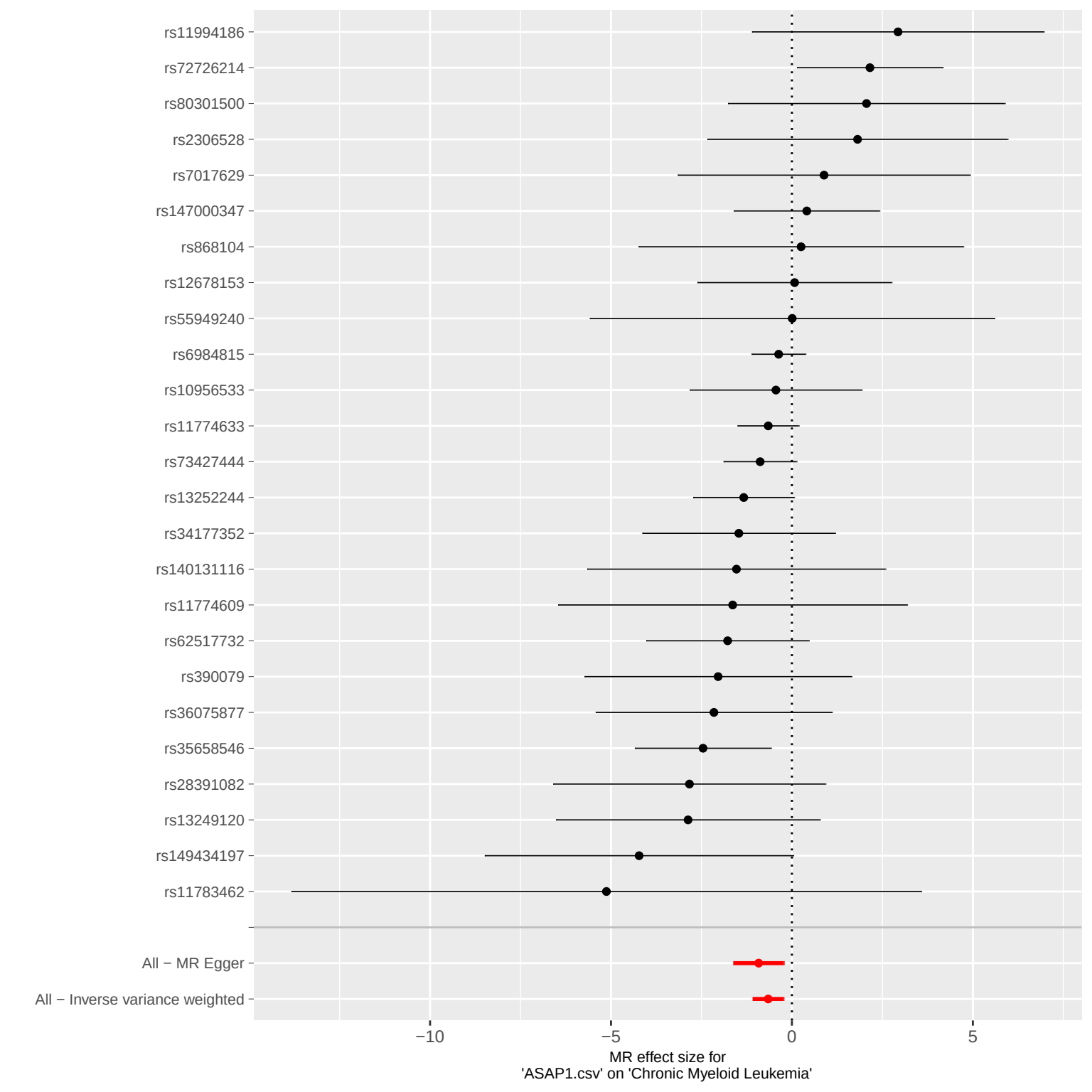
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All − Inverse variance weighted
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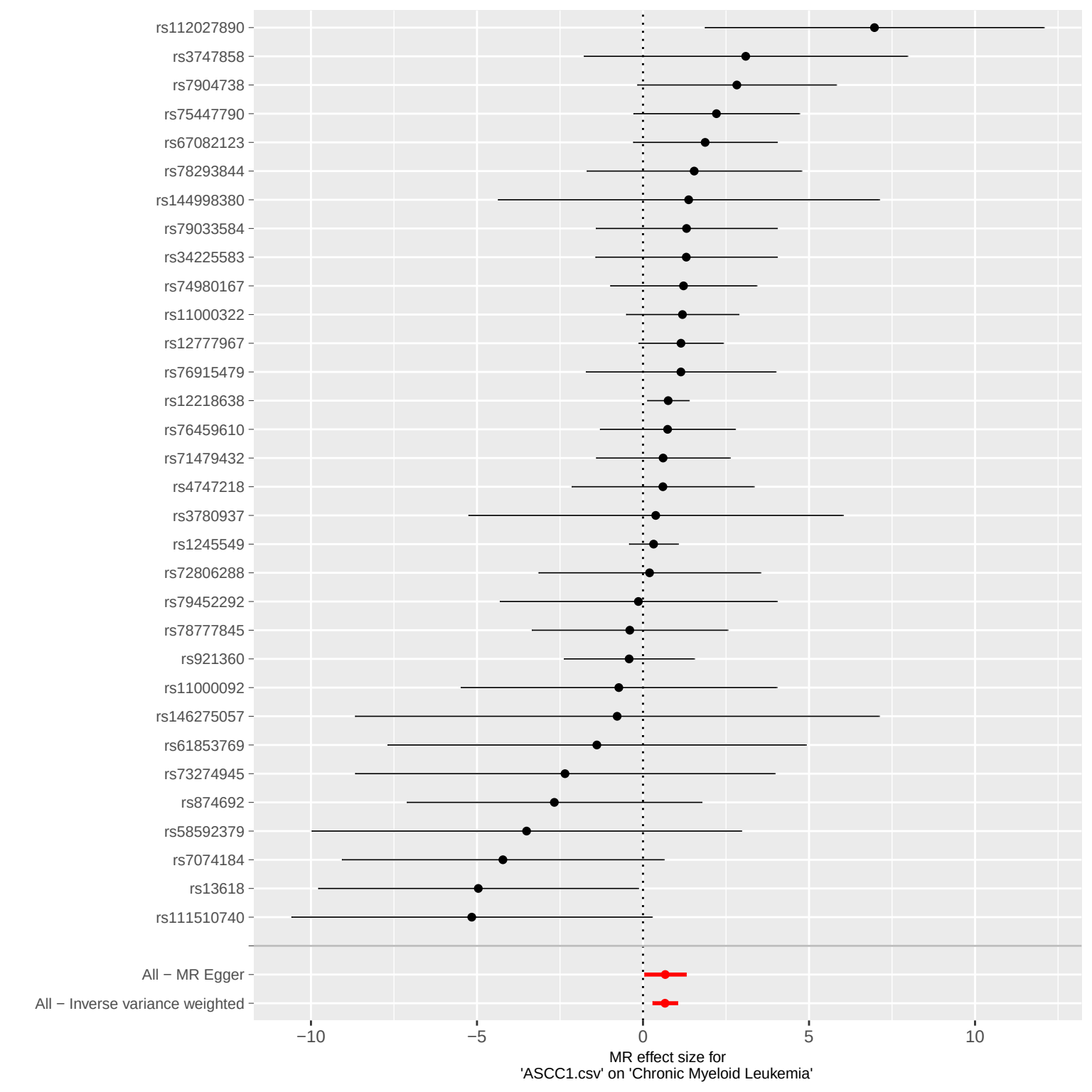
MR effect size for
'ASAP1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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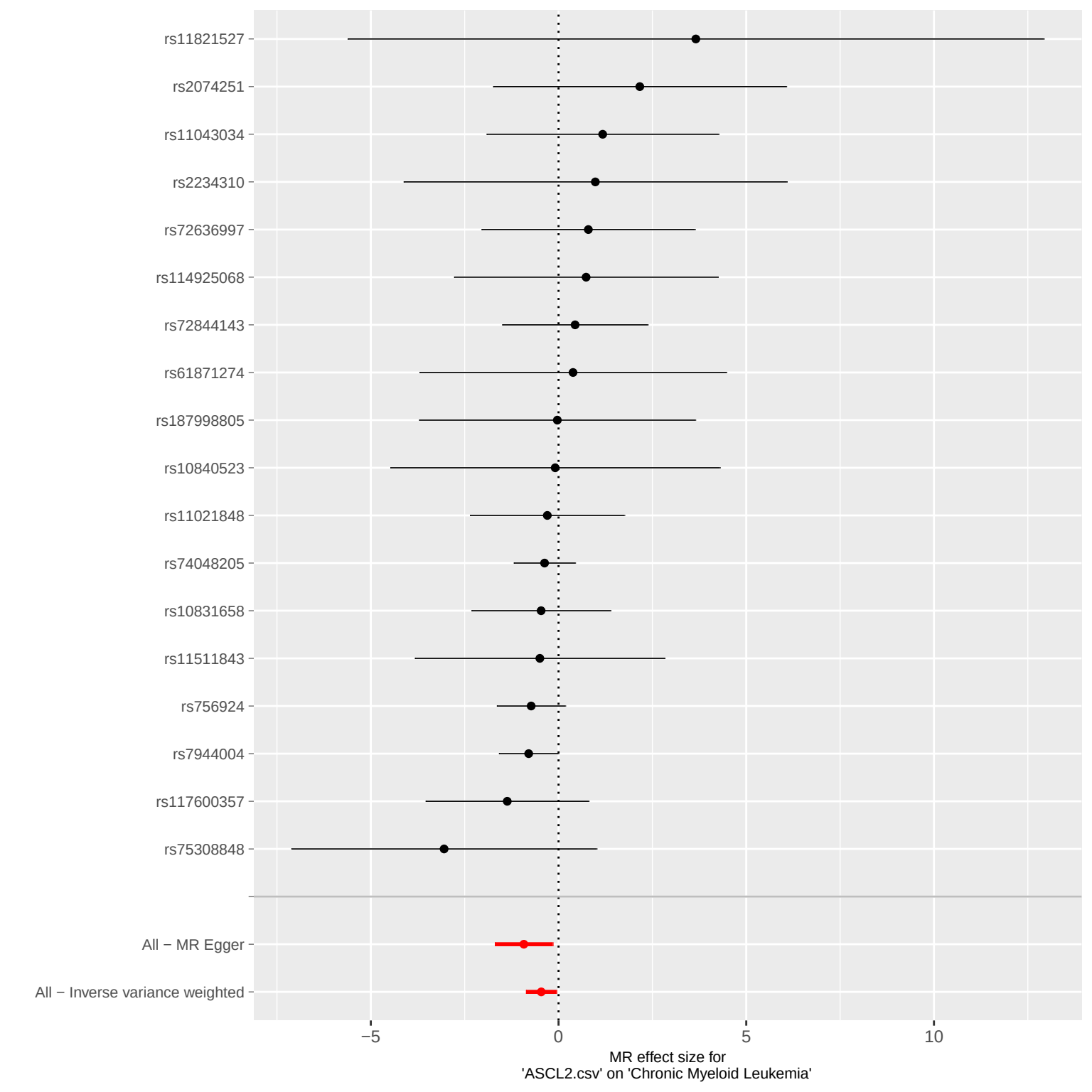
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All − Inverse variance weighted
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MR effect size for
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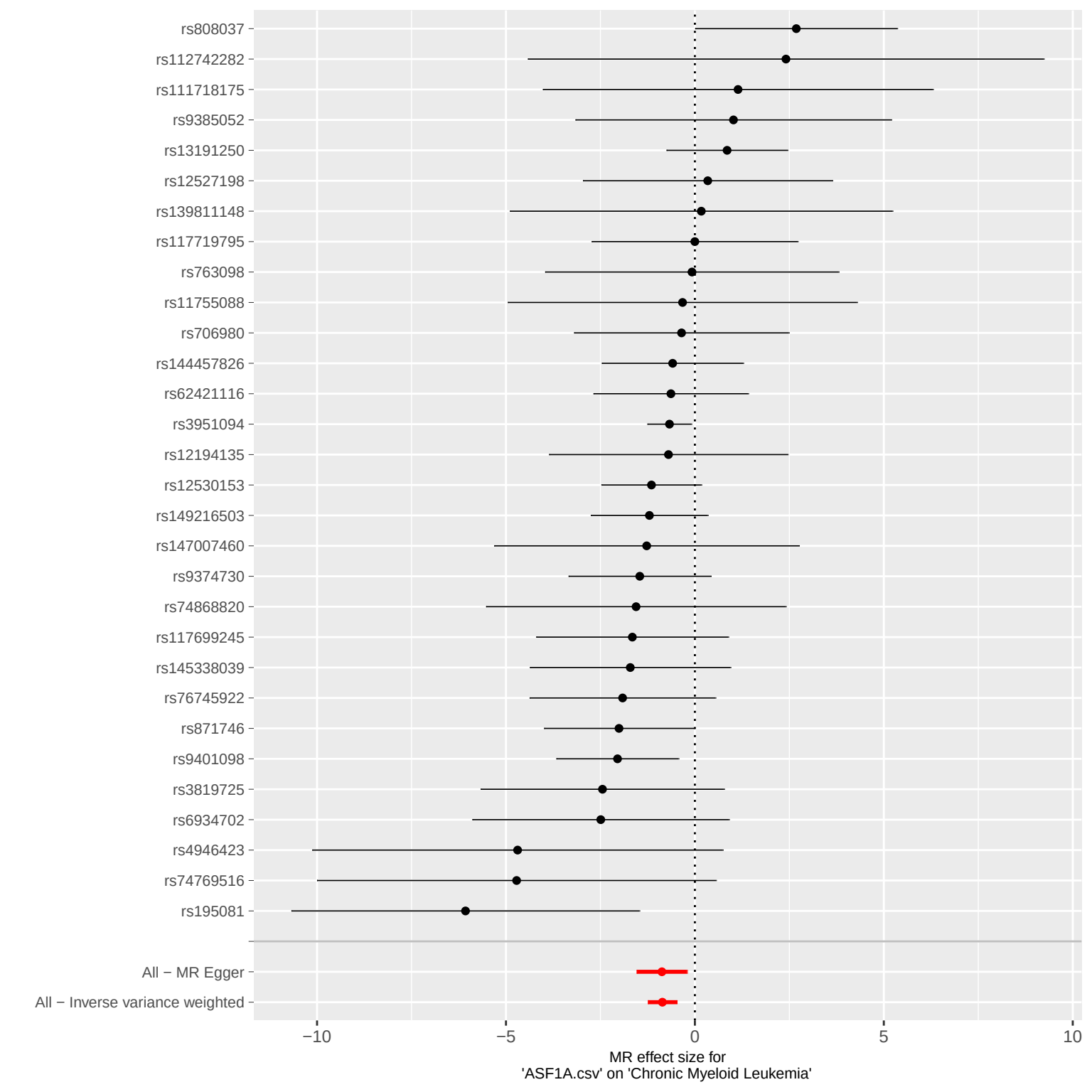
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All − Inverse variance weighted
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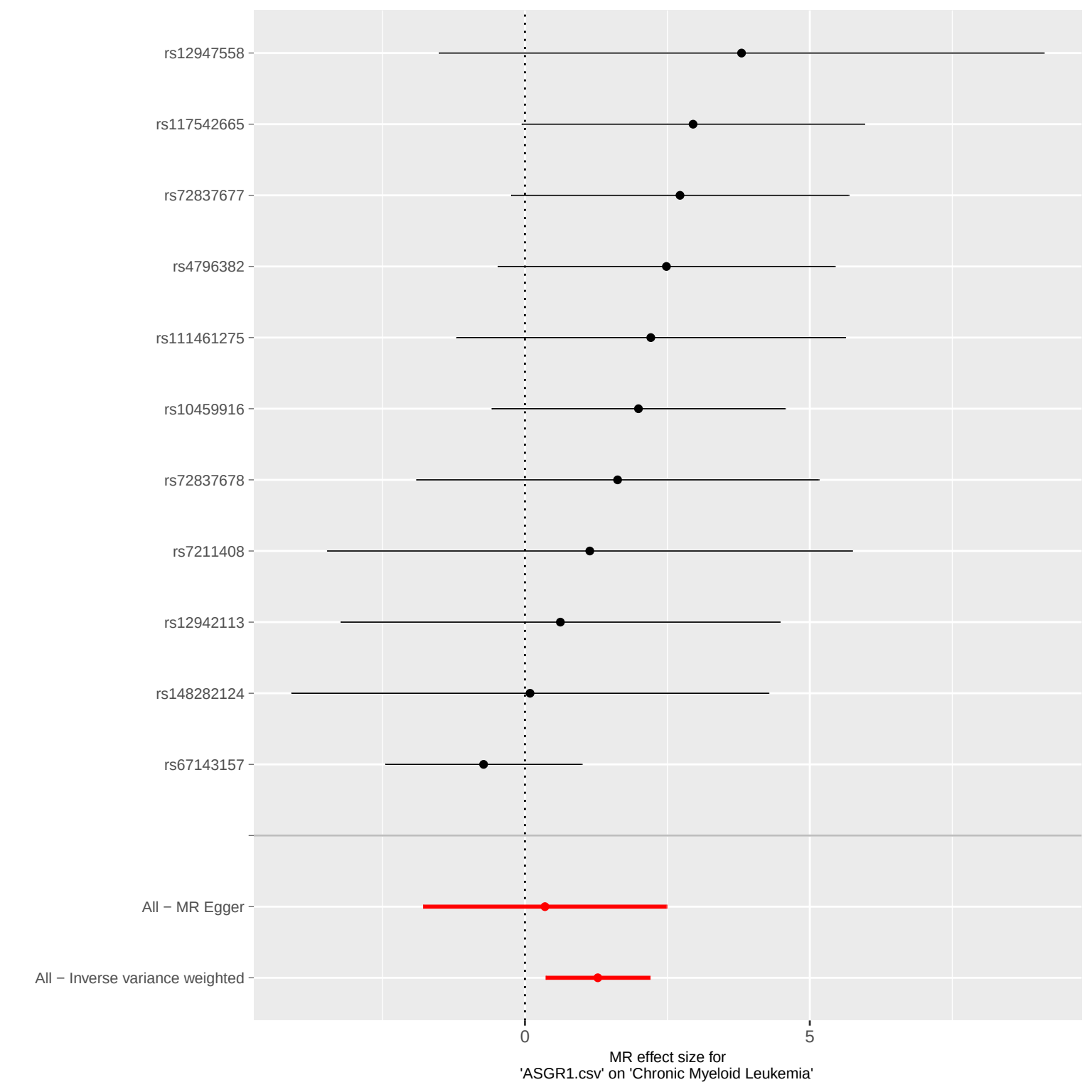
MR effect size for
'ASF1A.csv' on 'Chronic Myeloid Leukemia'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rs10459916
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rs7211408
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All − MR Egger
All − Inverse variance weighted
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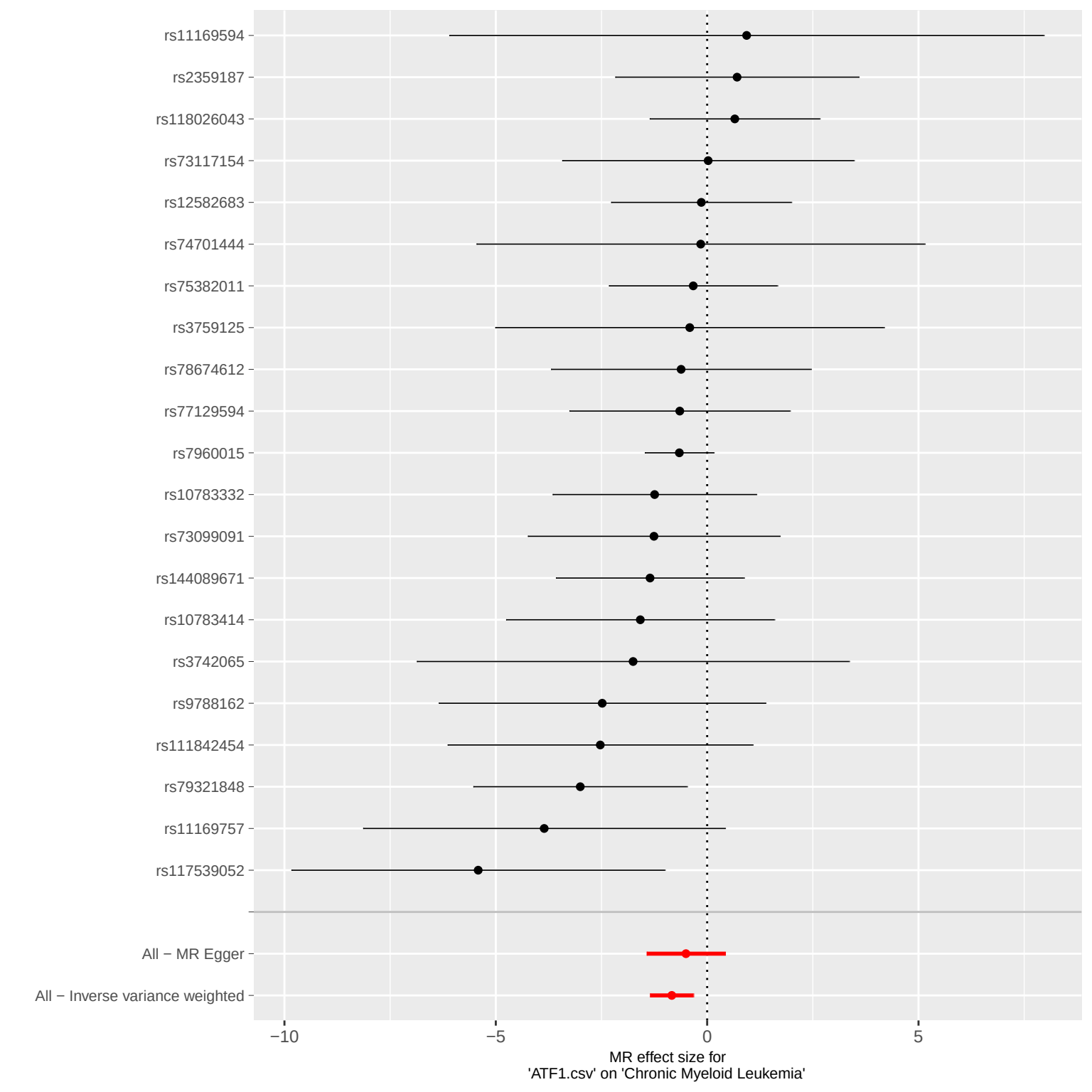
MR effect size for
'ASGR1.csv' on 'Chronic Myeloid Leukemia'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rs111842454
rs79321848
rs11169757
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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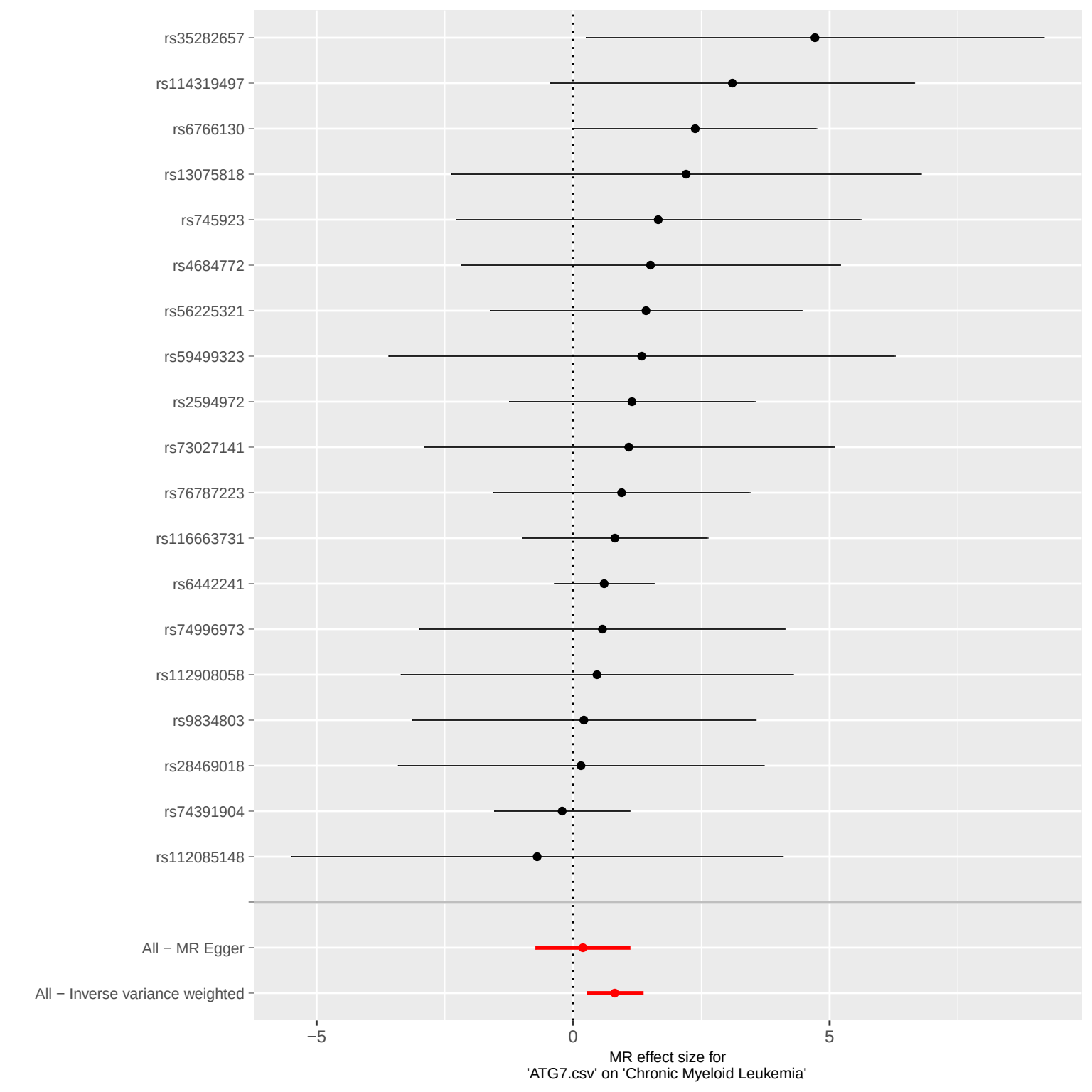
MR effect size for
'ATF1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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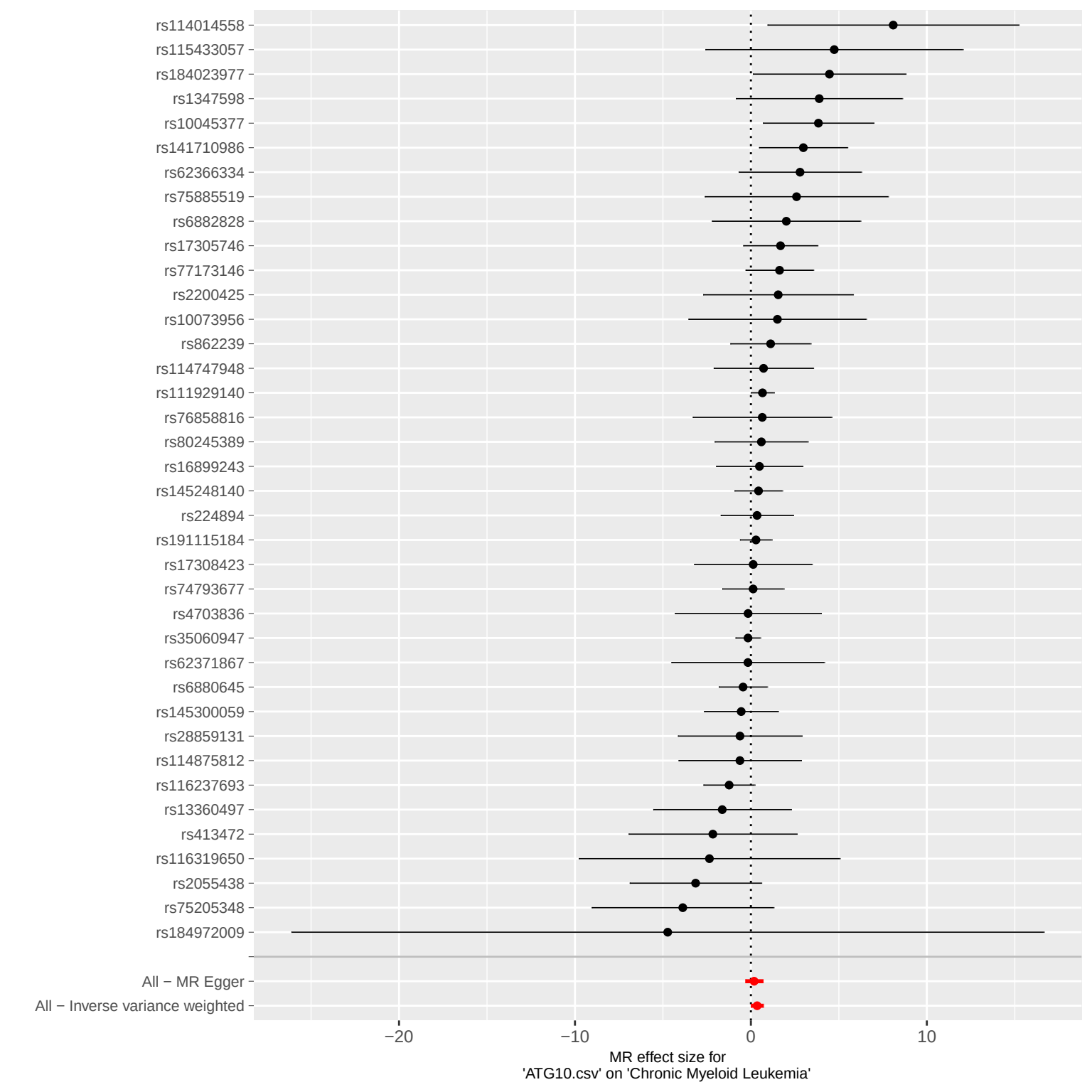
MR effect size for
'ATG7.csv' on 'Chronic Myeloid Leukemia'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rs6880645
rs145300059
rs28859131
rs114875812
rs116237693
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rs116319650
rs2055438
rs75205348
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All − MR Egger
All − Inverse variance weighted
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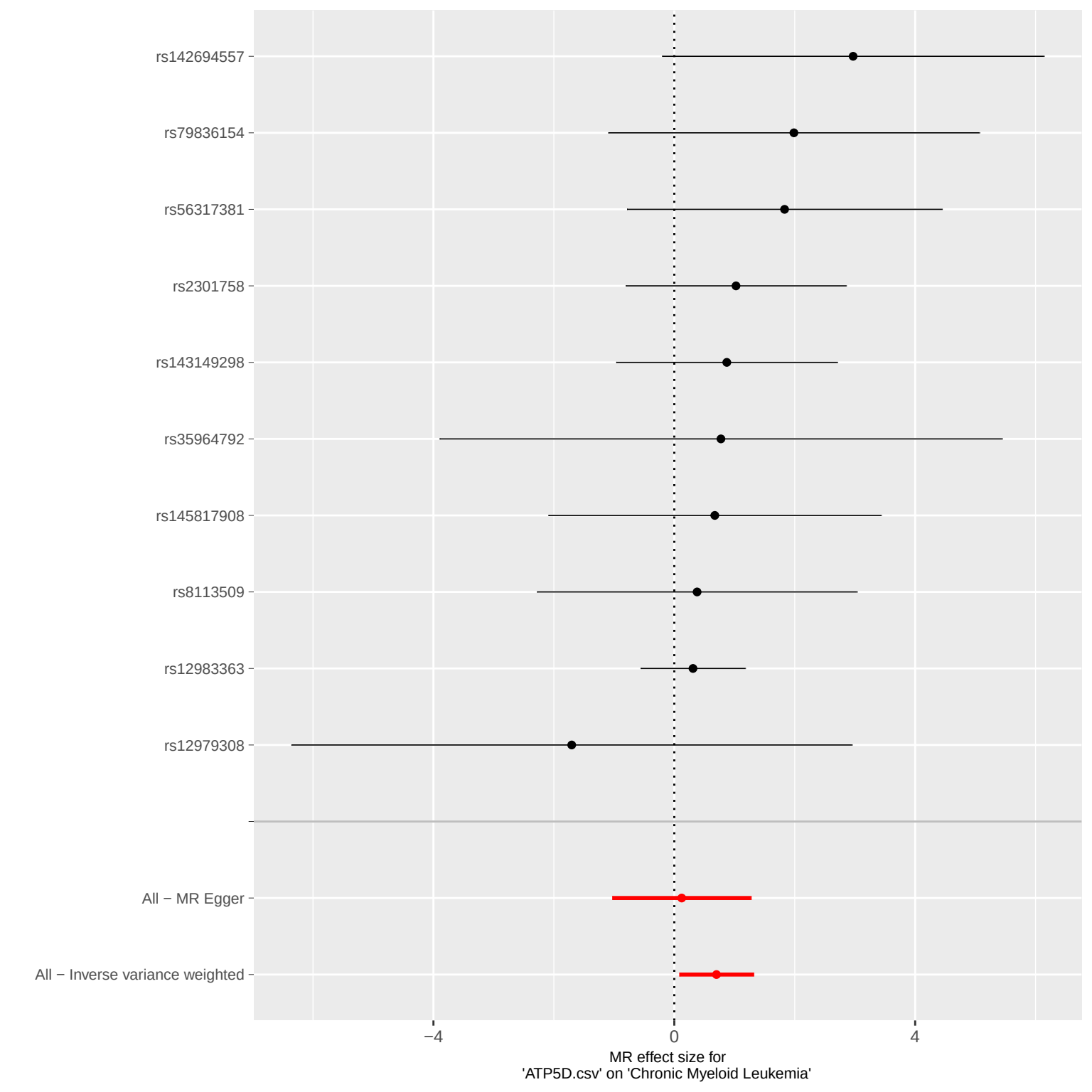
MR effect size for
'ATG10.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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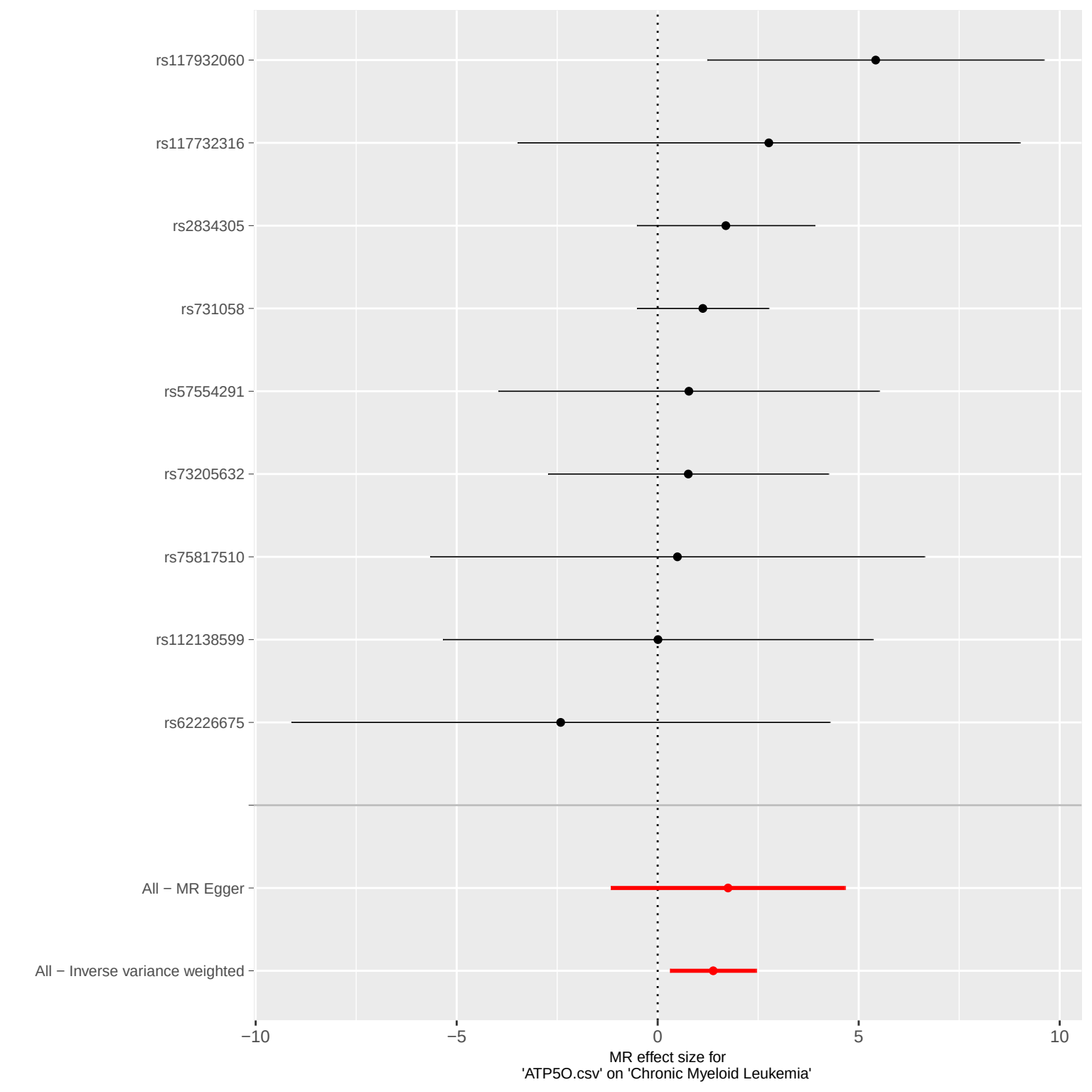
MR effect size for
'ATP5D.csv' on 'Chronic Myeloid Leukemia'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rs73205632
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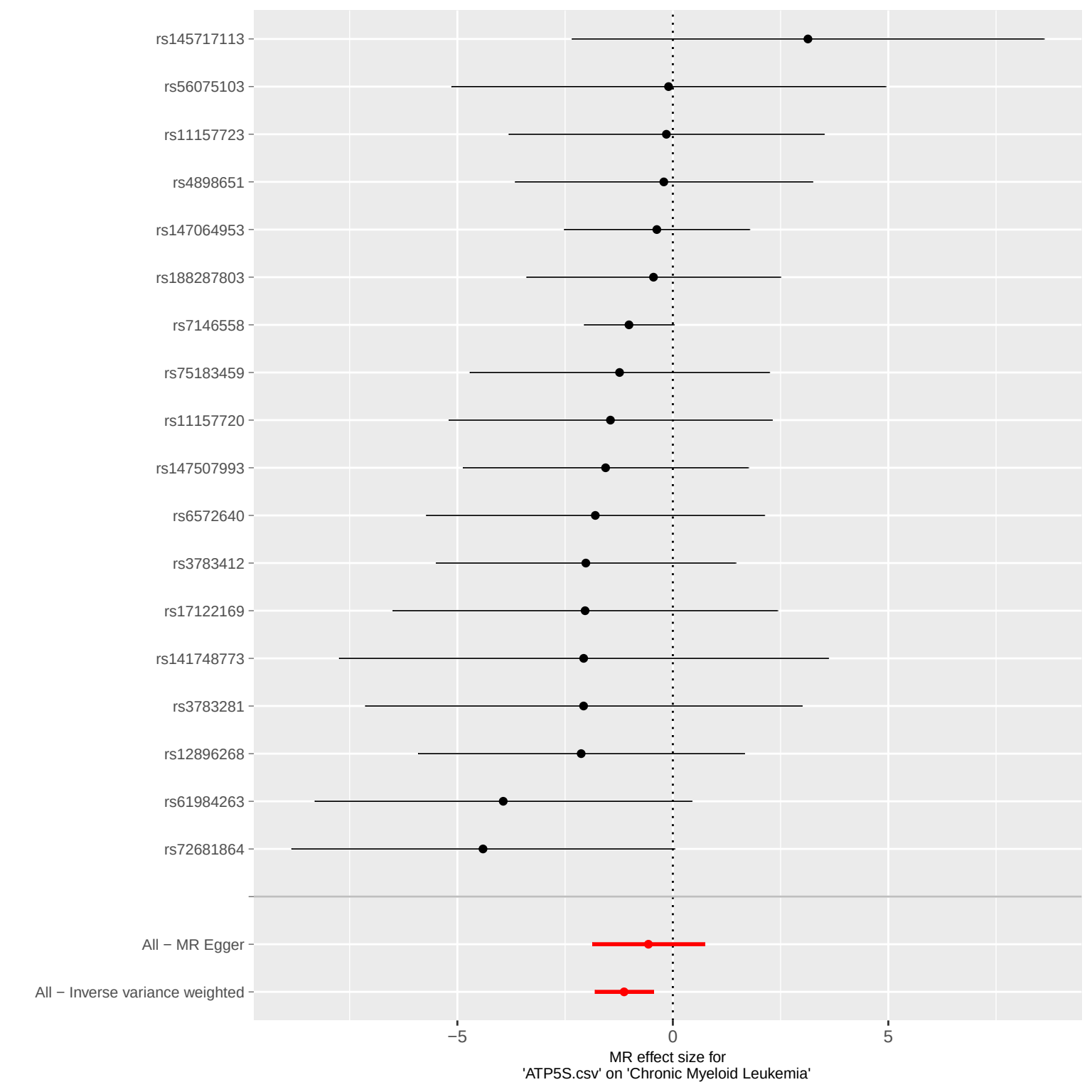
rs62226675
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ATP5O.csv' on 'Chronic Myeloid Leukemia'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rs141748773
rs3783281
rs12896268
rs61984263
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All − MR Egger
All − Inverse variance weighted
−5
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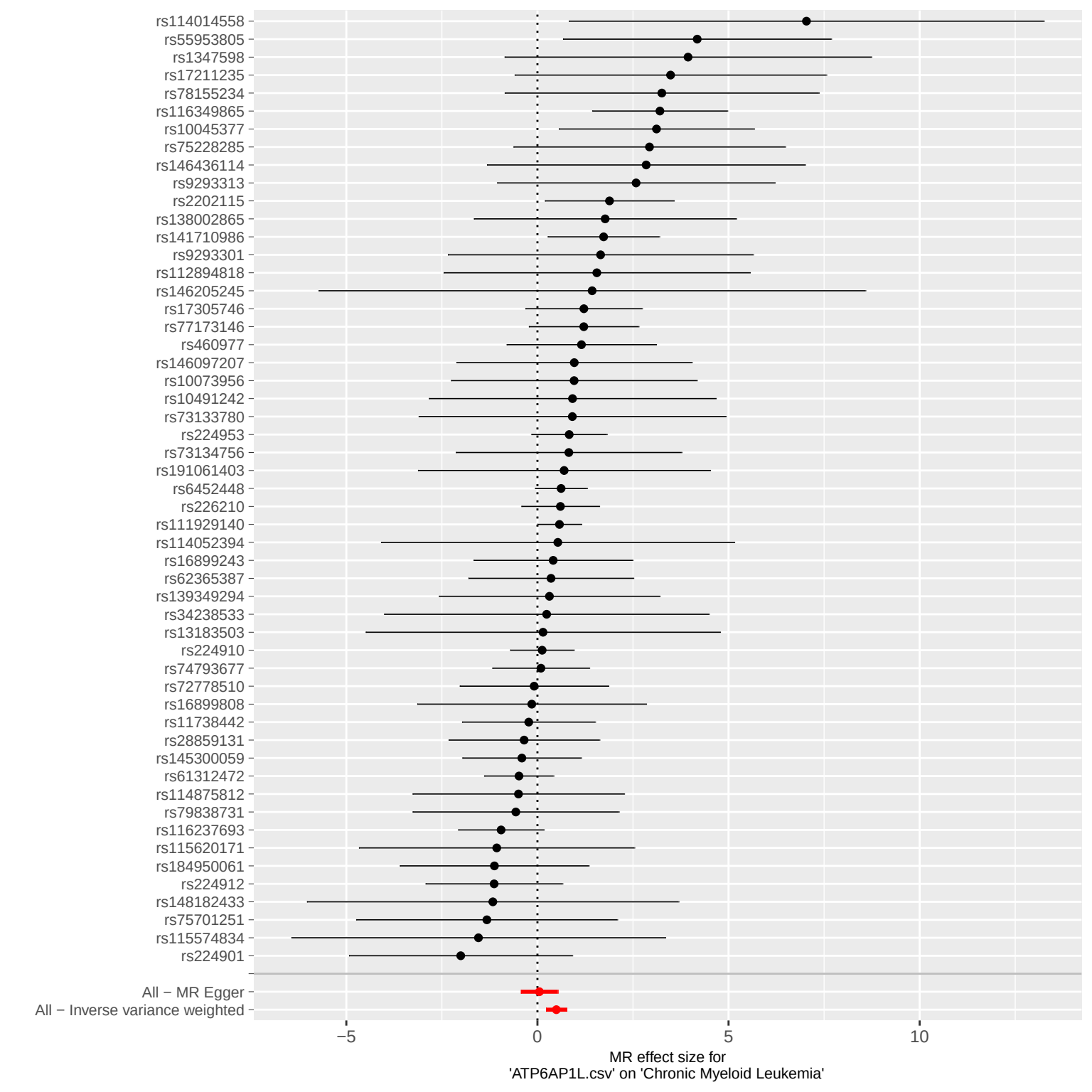
MR effect size for
'ATP5S.csv' on 'Chronic Myeloid Leukemia'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rs146097207
rs10073956
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rs62365387
rs139349294
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rs72778510
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rs61312472
rs114875812
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rs184950061
rs224912
rs148182433
rs75701251
rs115574834
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All − MR Egger
All − Inverse variance weighted
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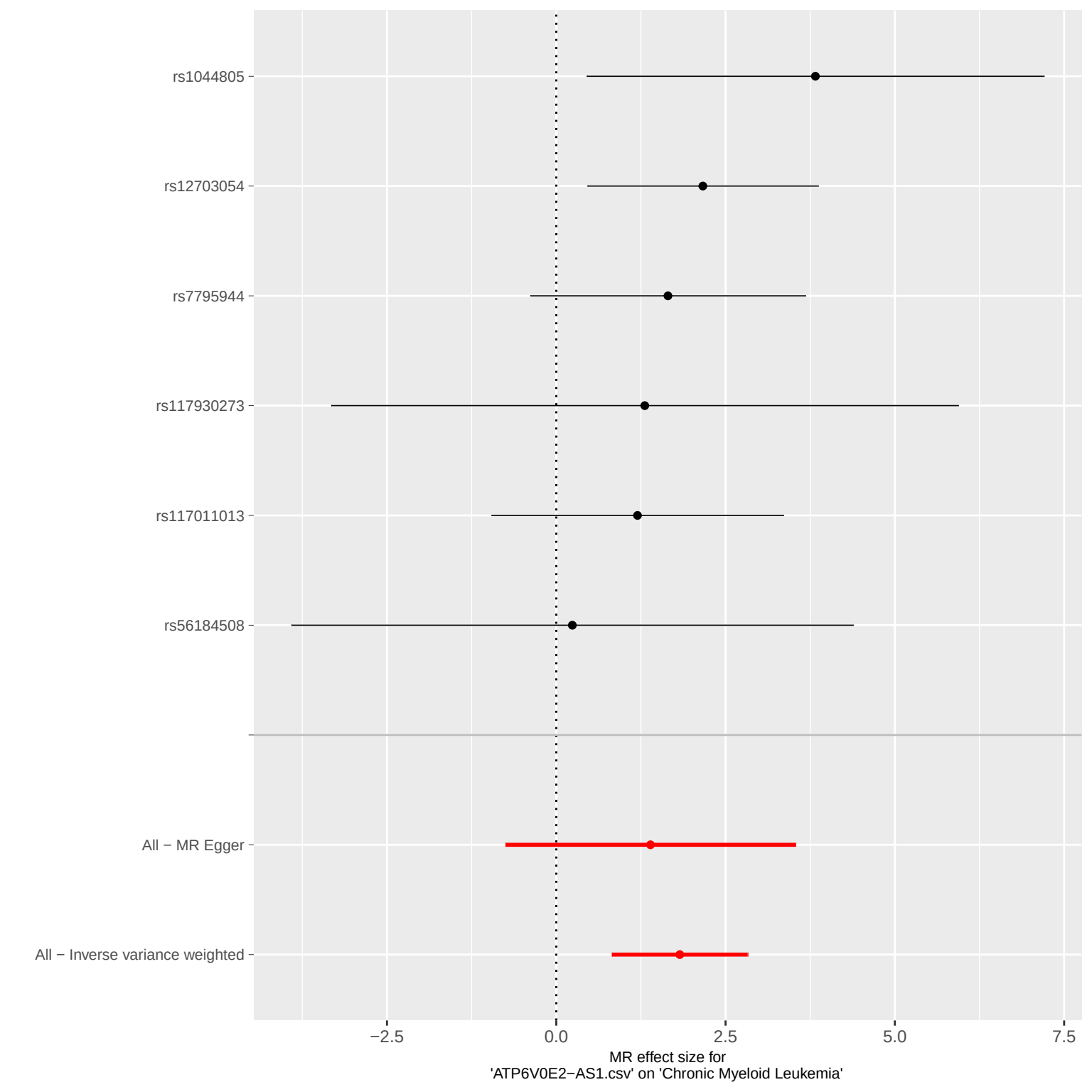
0
5
10
MR effect size for
'ATP6AP1L.csv' on 'Chronic Myeloid Leukemia'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rs12703054
rs7795944
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rs117011013
rs56184508
All − MR Egger
All − Inverse variance weighted
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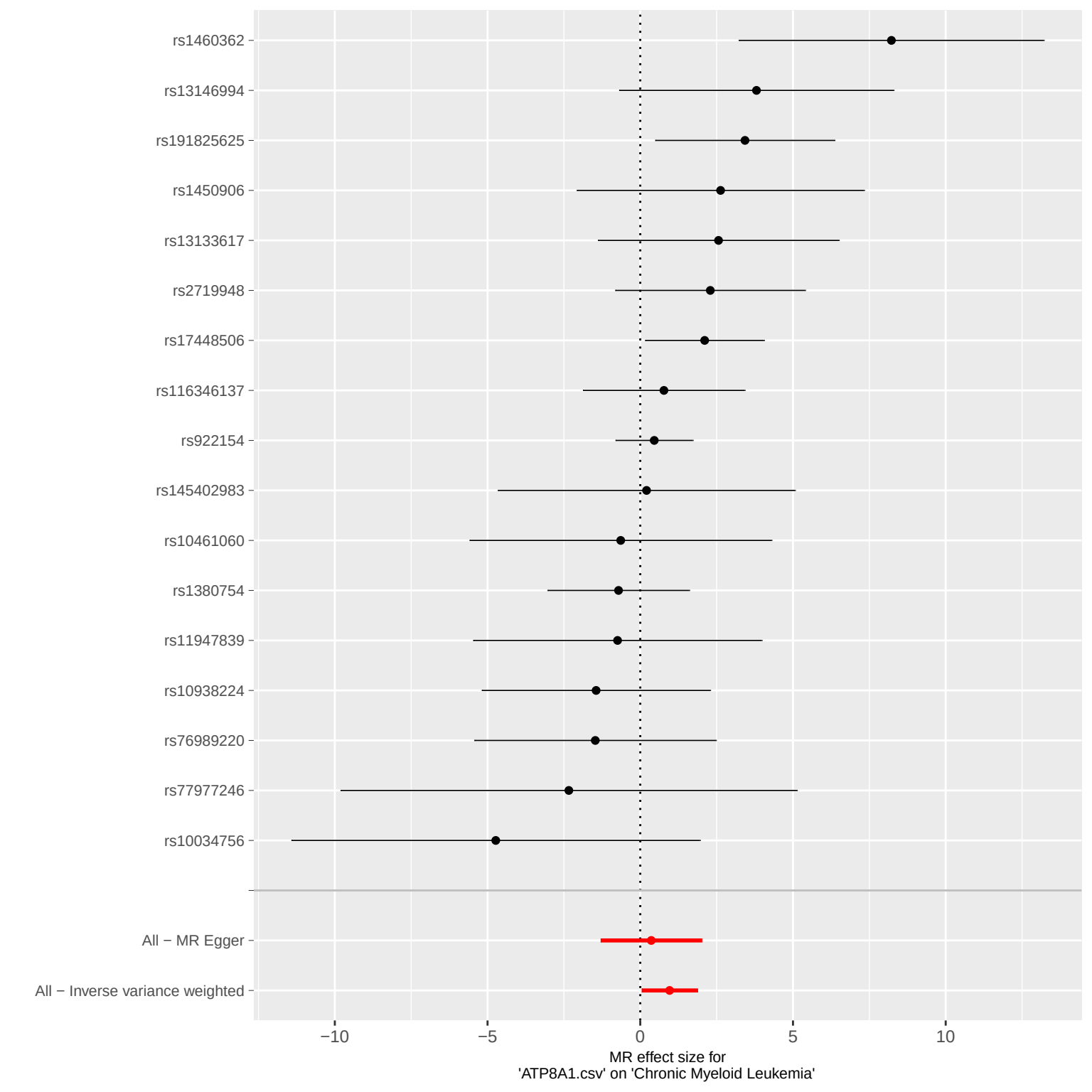
2.5
5.0
7.5
MR effect size for
'ATP6V0E2−AS1.csv' on 'Chronic Myeloid Leukemia'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rs1380754
rs11947839
rs10938224
rs76989220
rs77977246
rs10034756
All − MR Egger
All − Inverse variance weighted
−10
−5
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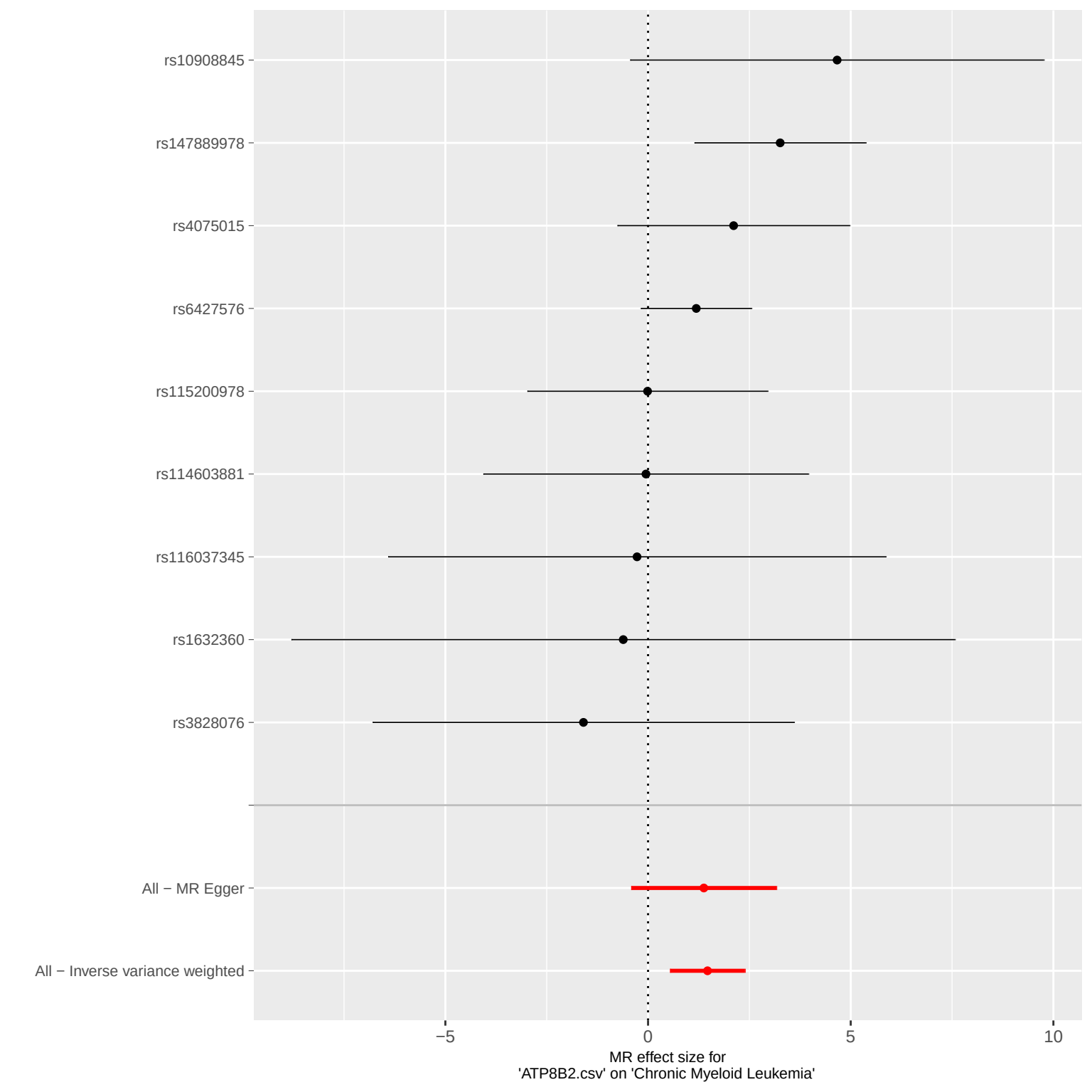
10
MR effect size for
'ATP8A1.csv' on 'Chronic Myeloid Leukemia'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rs1632360
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All − MR Egger
All − Inverse variance weighted
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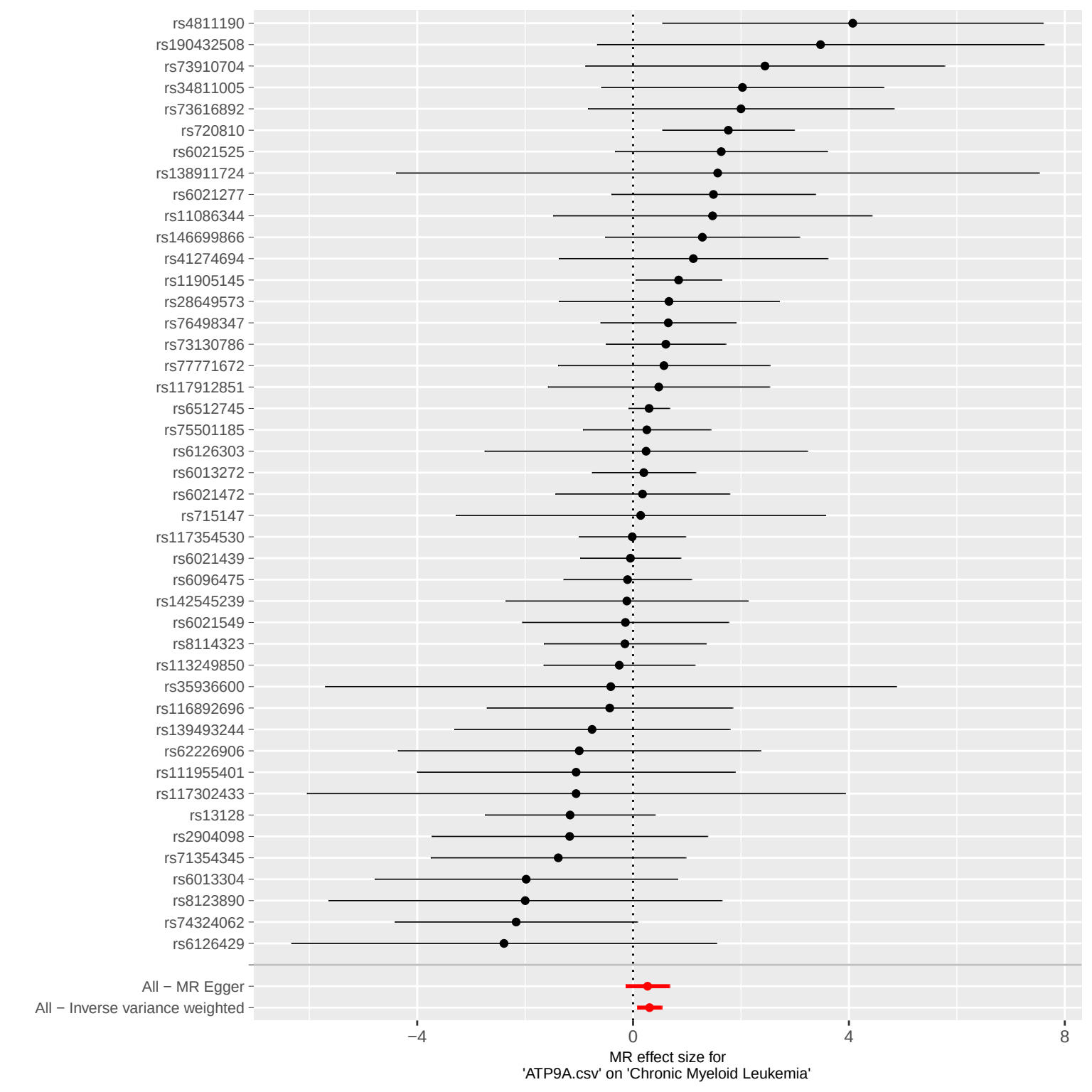
MR effect size for
'ATP8B2.csv' on 'Chronic Myeloid Leukemia'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rs62226906
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rs13128
rs2904098
rs71354345
rs6013304
rs8123890
rs74324062
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All − MR Egger
All − Inverse variance weighted
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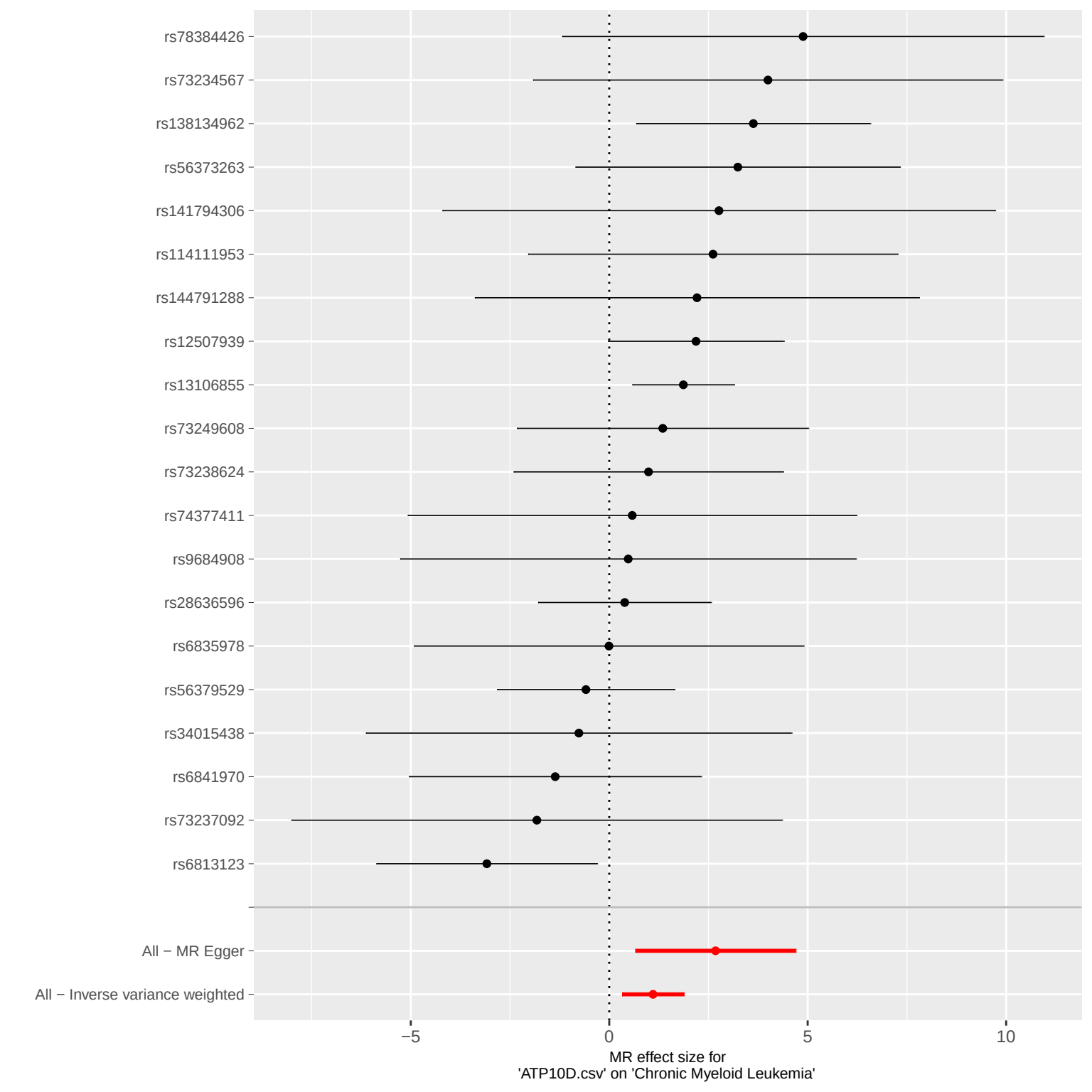
MR effect size for
'ATP9A.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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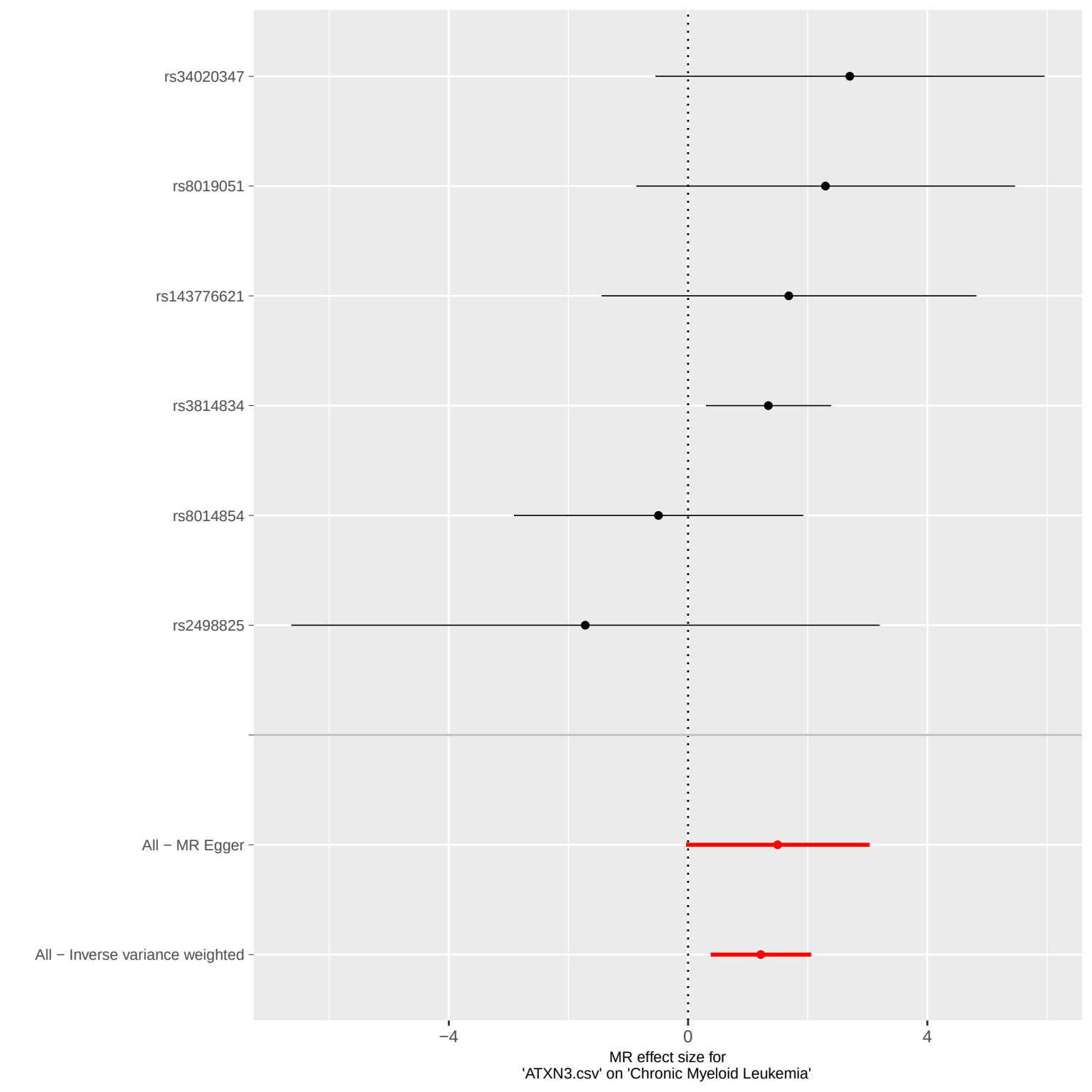
MR effect size for
'ATP10D.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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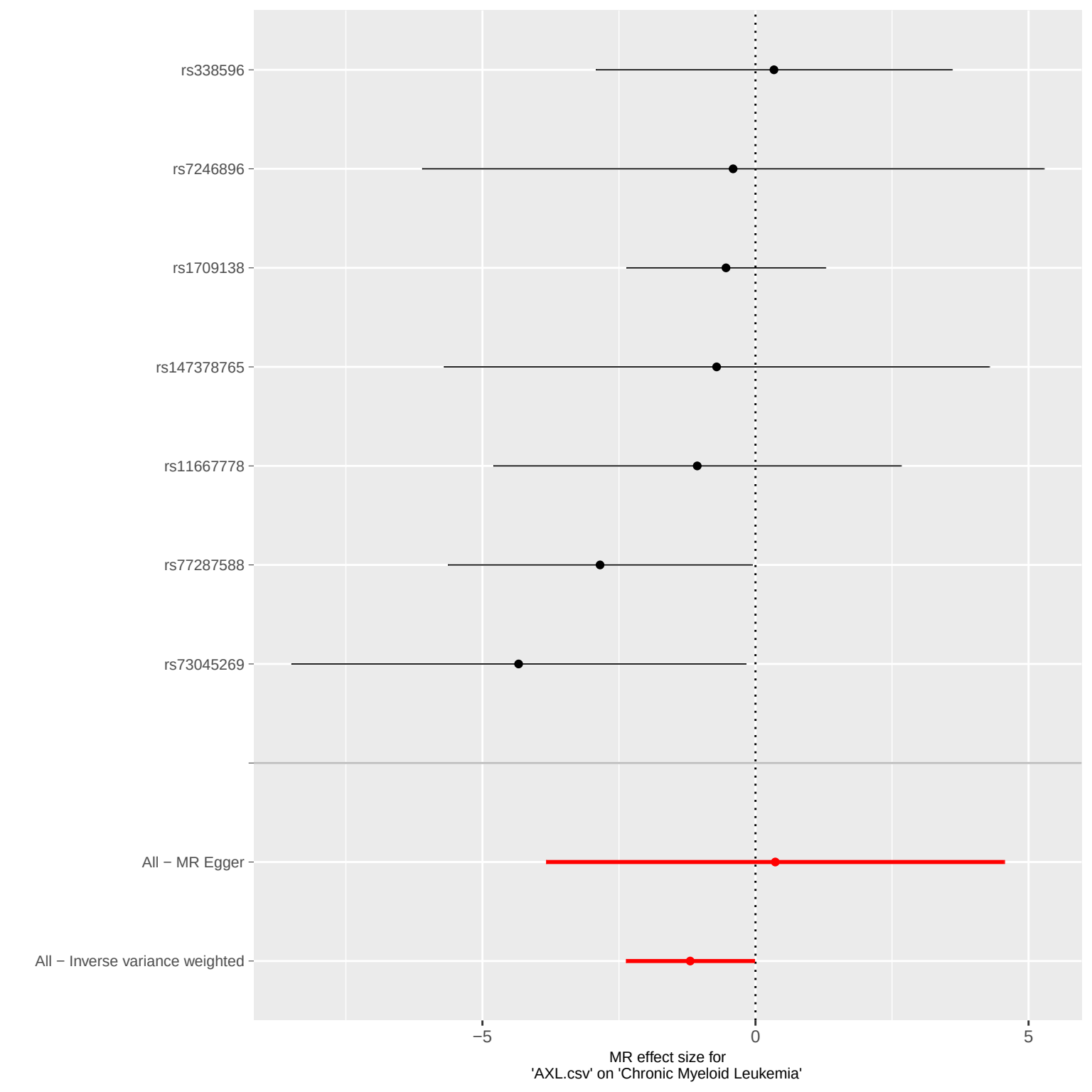
4
MR effect size for
'ATXN3.csv' on 'Chronic Myeloid Leukemia'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rs11667778
rs77287588
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All − MR Egger
All − Inverse variance weighted
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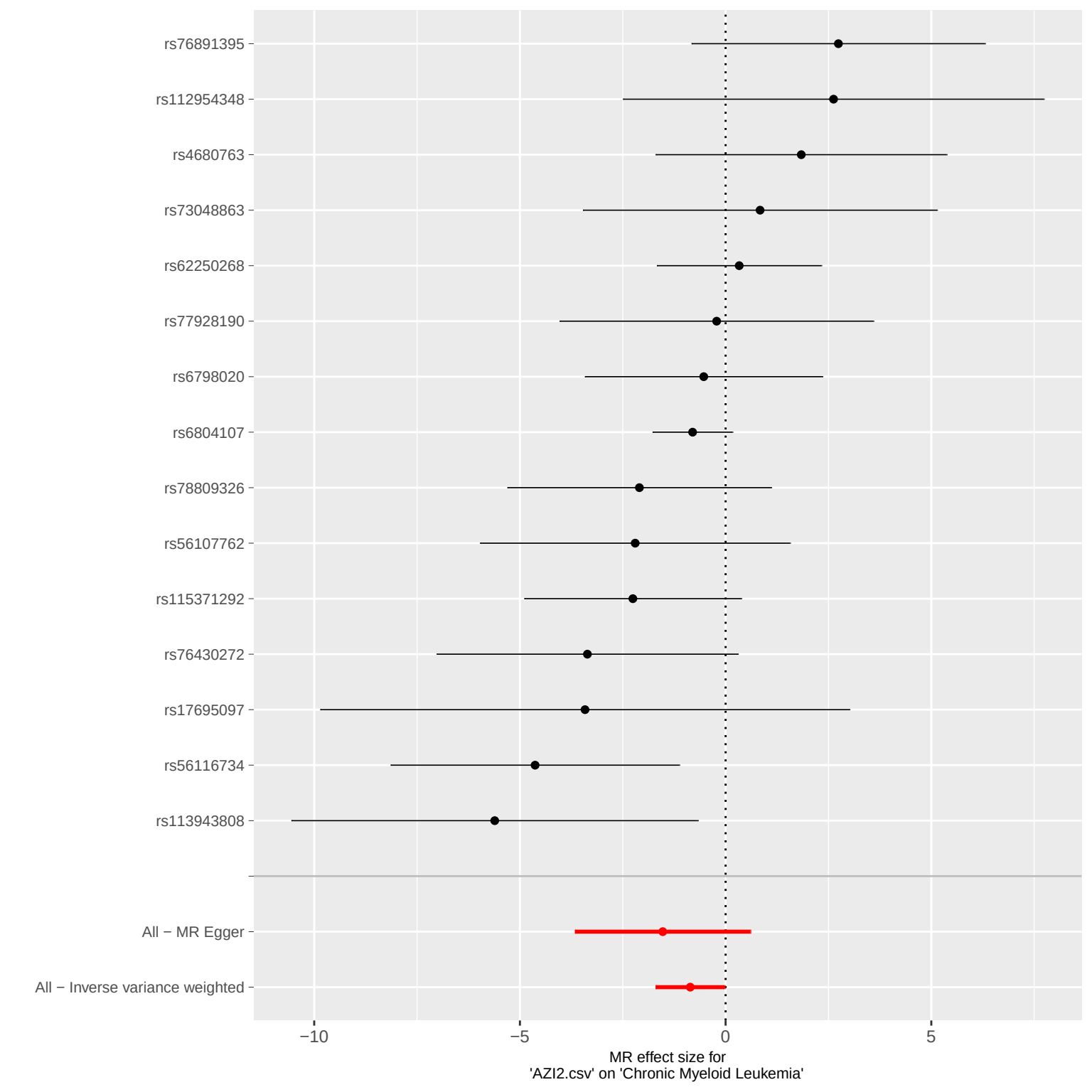
MR effect size for
'AXL.csv' on 'Chronic Myeloid Leukemia'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rs78809326
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rs115371292
rs76430272
rs17695097
rs56116734
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All − MR Egger
All − Inverse variance weighted
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−5
0
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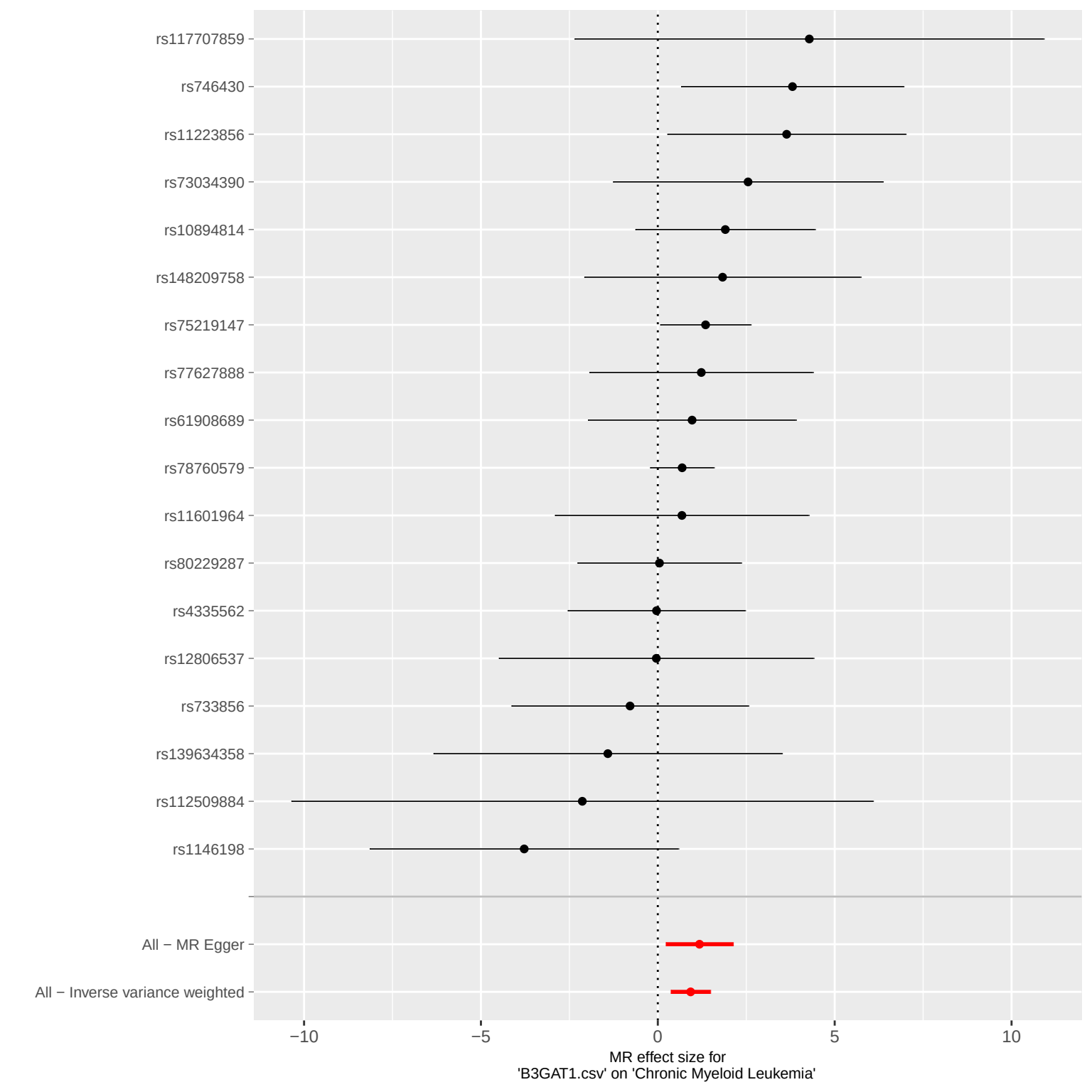
MR effect size for
'AZI2.csv' on 'Chronic Myeloid Leukemia'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rs4335562
rs12806537
rs733856
rs139634358
rs112509884
rs1146198
All − MR Egger
All − Inverse variance weighted
−10
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0
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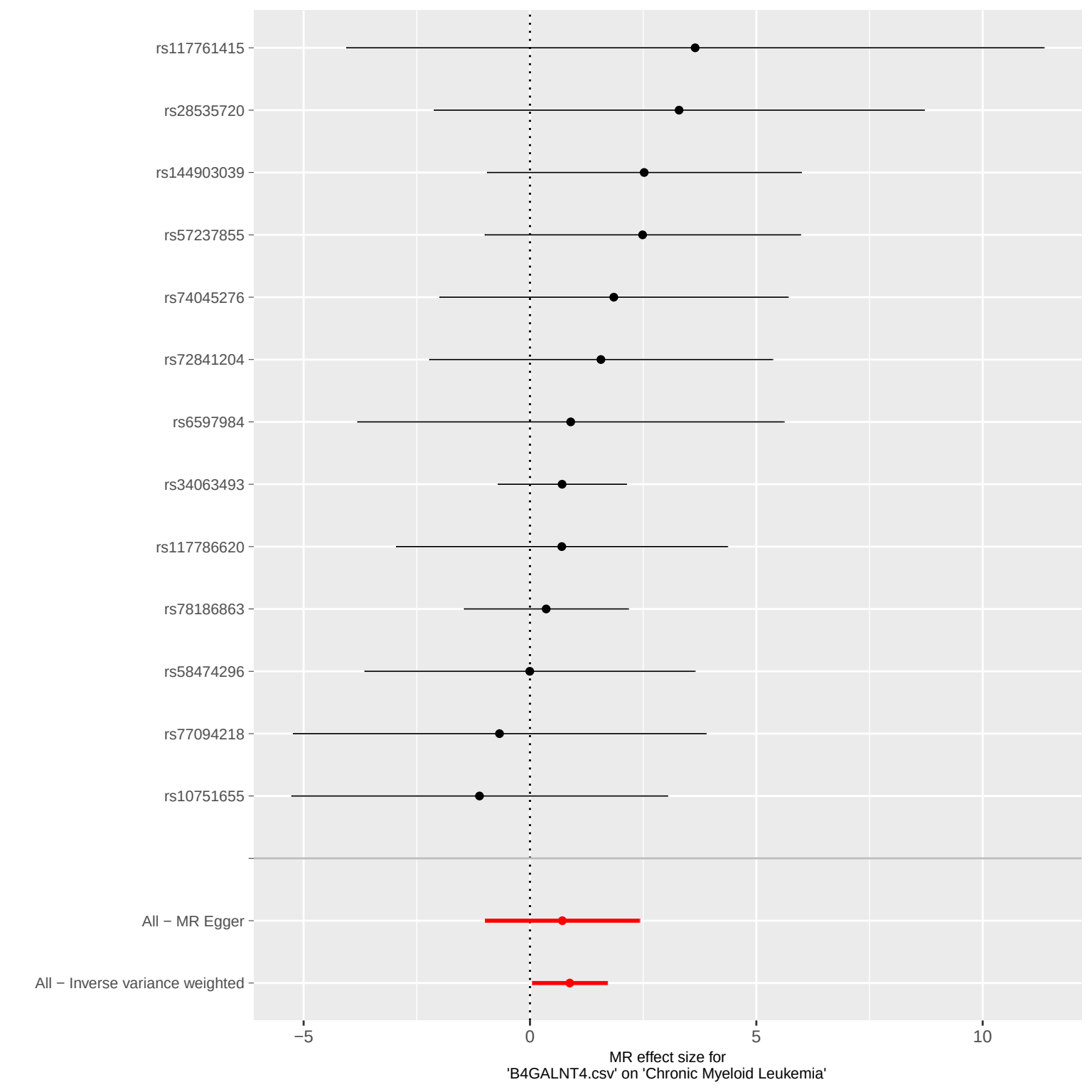
MR effect size for
'B3GAT1.csv' on 'Chronic Myeloid Leukemia'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rs78186863
rs58474296
rs77094218
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All − MR Egger
All − Inverse variance weighted
−5
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MR effect size for
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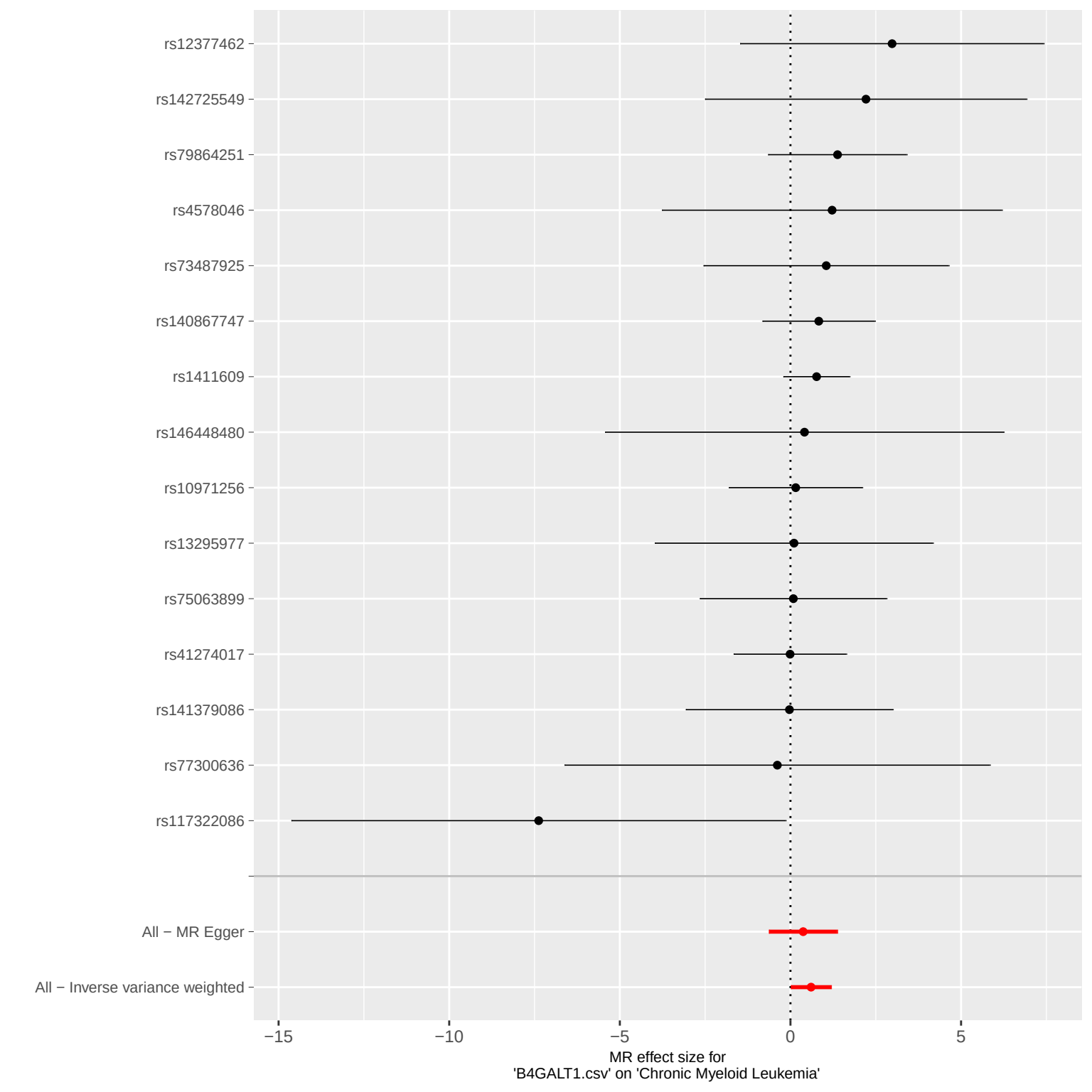
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rs41274017
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rs117322086
All − MR Egger
All − Inverse variance weighted
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−5
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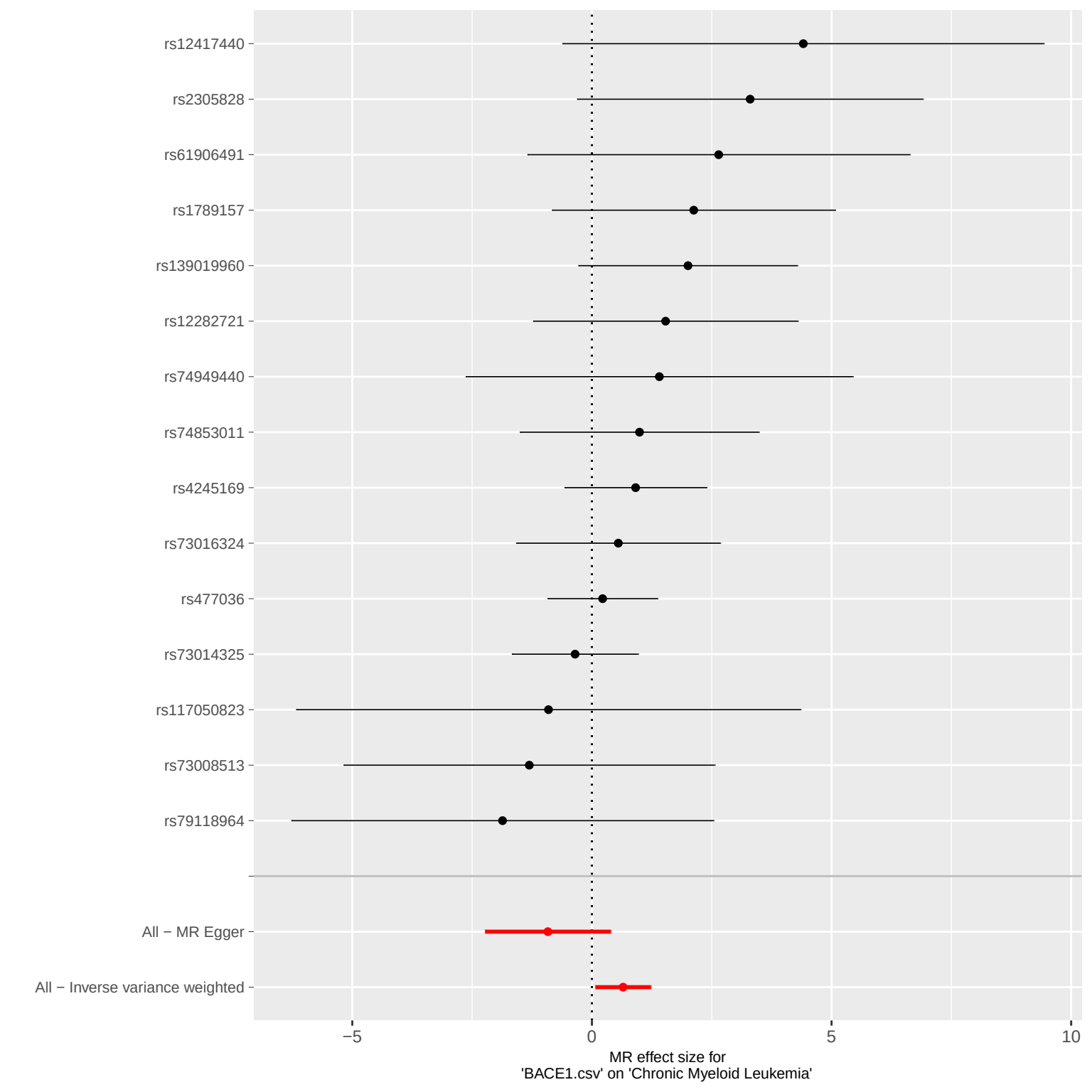
MR effect size for
'B4GALT1.csv' on 'Chronic Myeloid Leukemia'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rs477036
rs73014325
rs117050823
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All − MR Egger
All − Inverse variance weighted
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0
5
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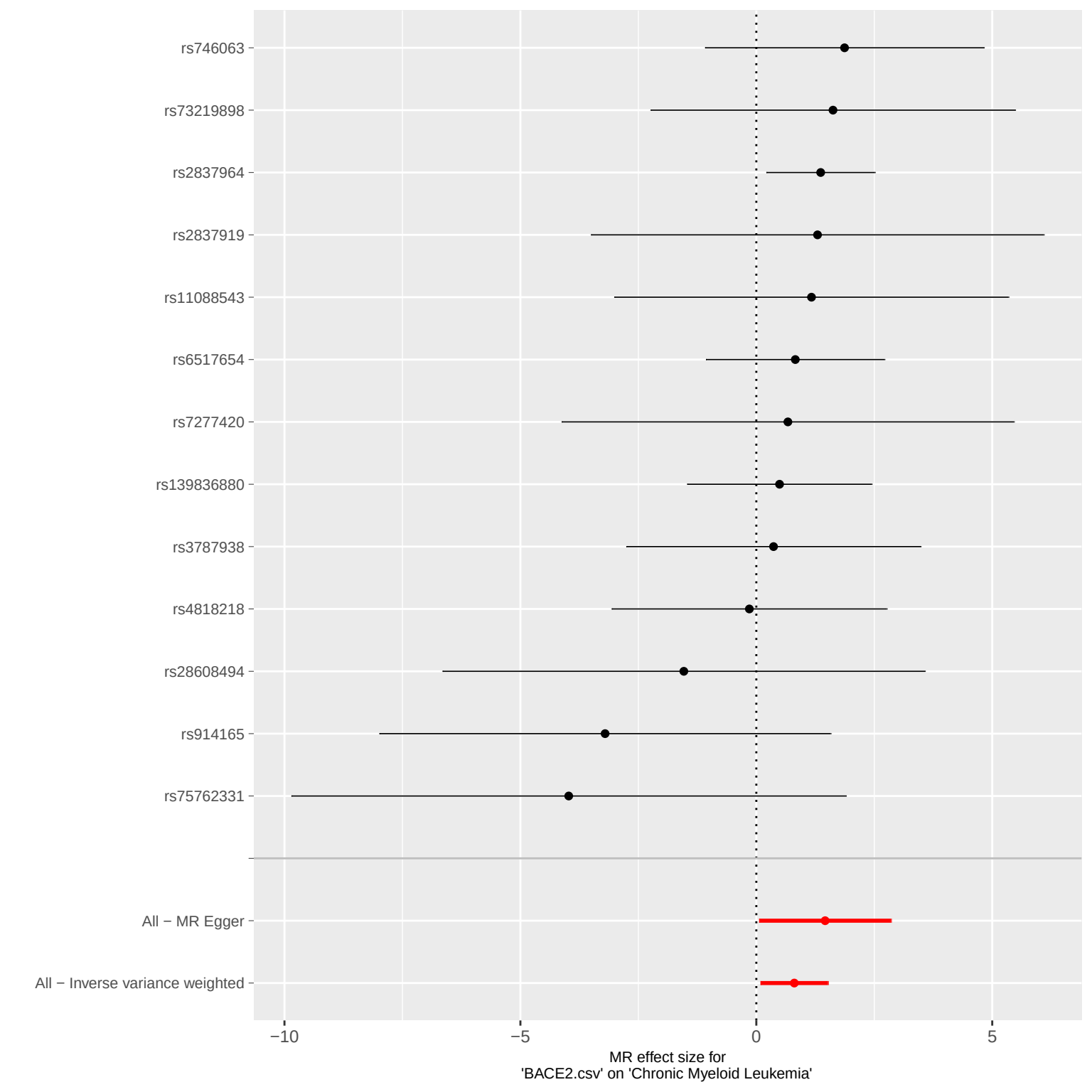
MR effect size for
'BACE1.csv' on 'Chronic Myeloid Leukemia'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rs914165
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All − MR Egger
All − Inverse variance weighted
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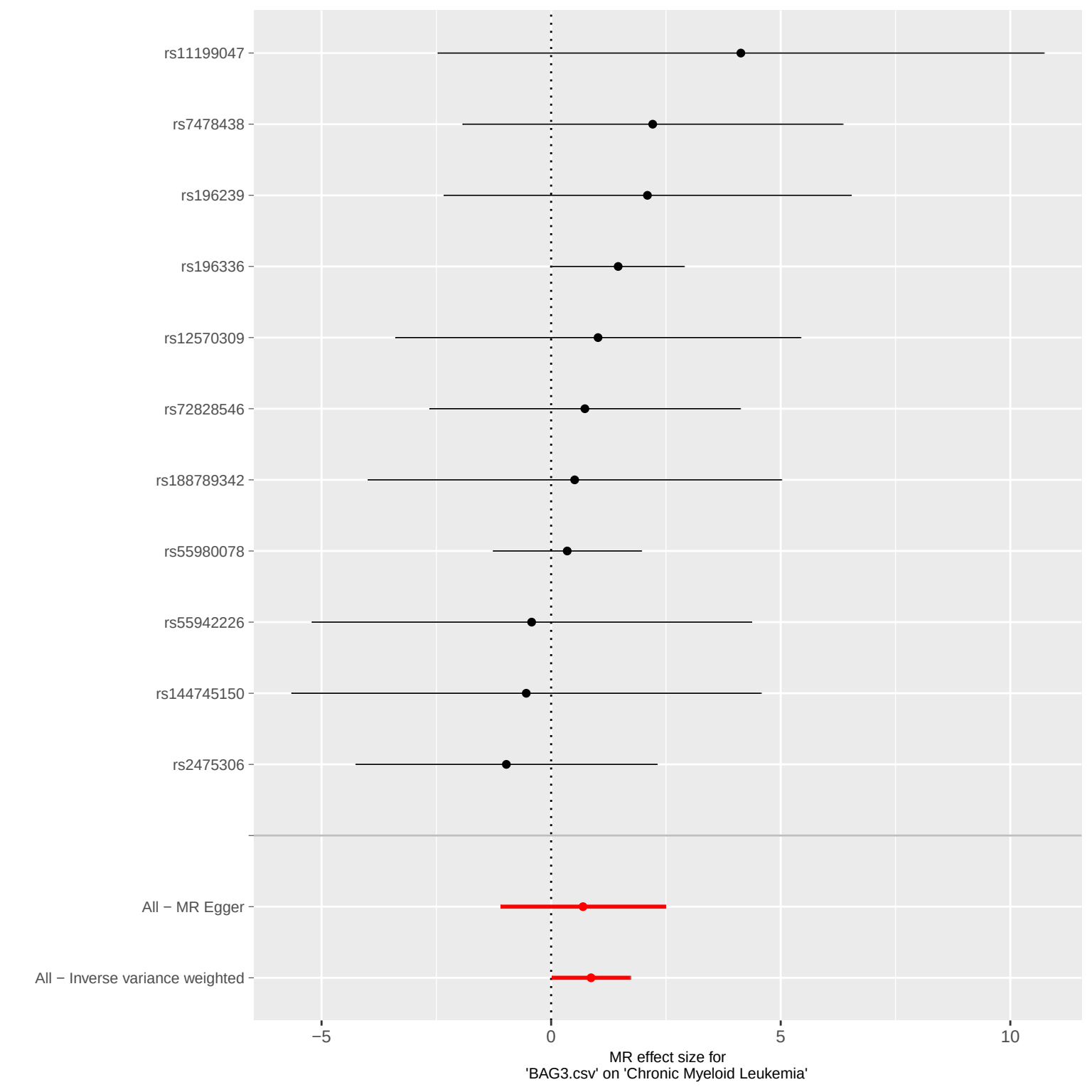
MR effect size for
'BACE2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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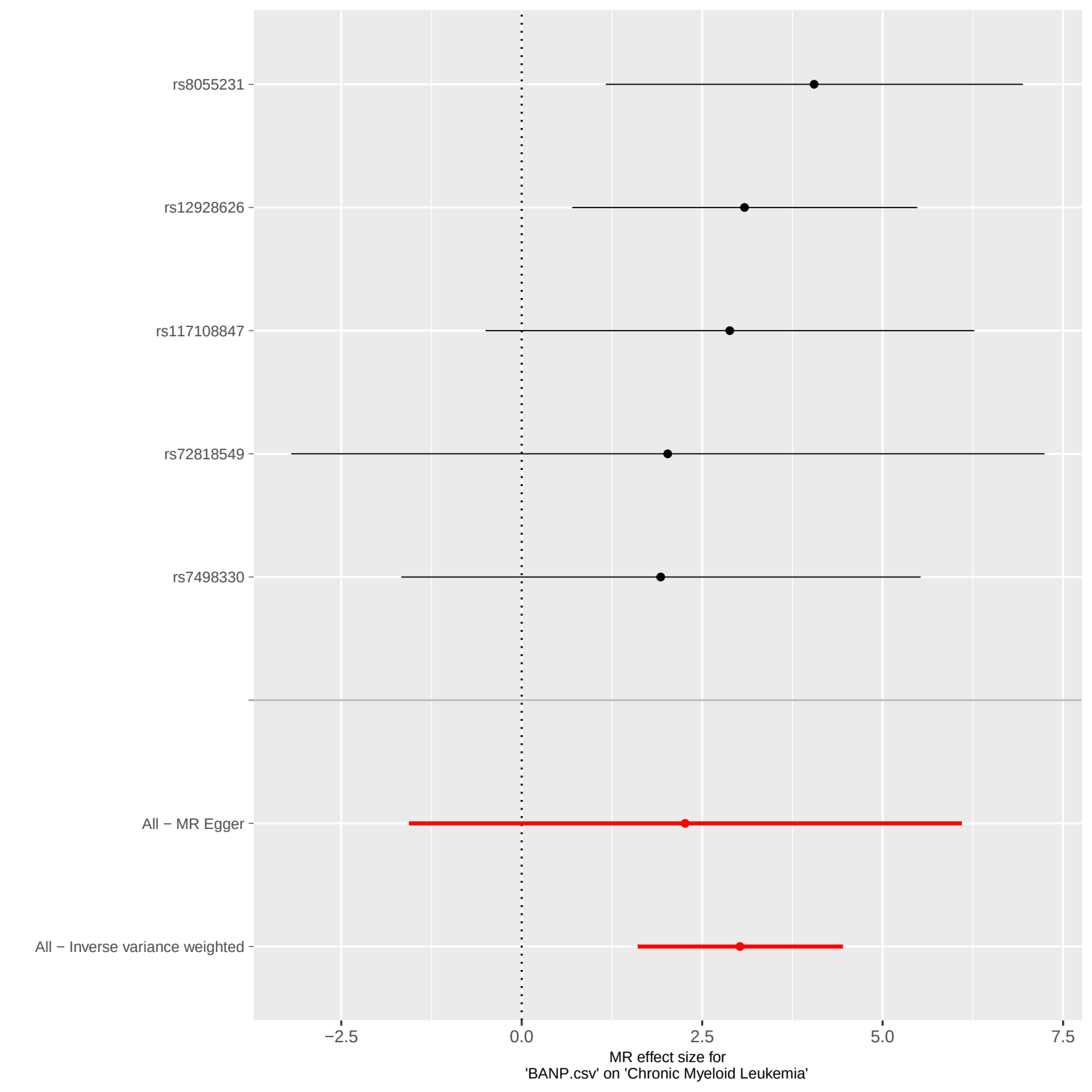
MR effect size for
'BAG3.csv' on 'Chronic Myeloid Leukemia'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rs12928626
rs117108847
rs72818549
rs7498330
All − MR Egger
All − Inverse variance weighted
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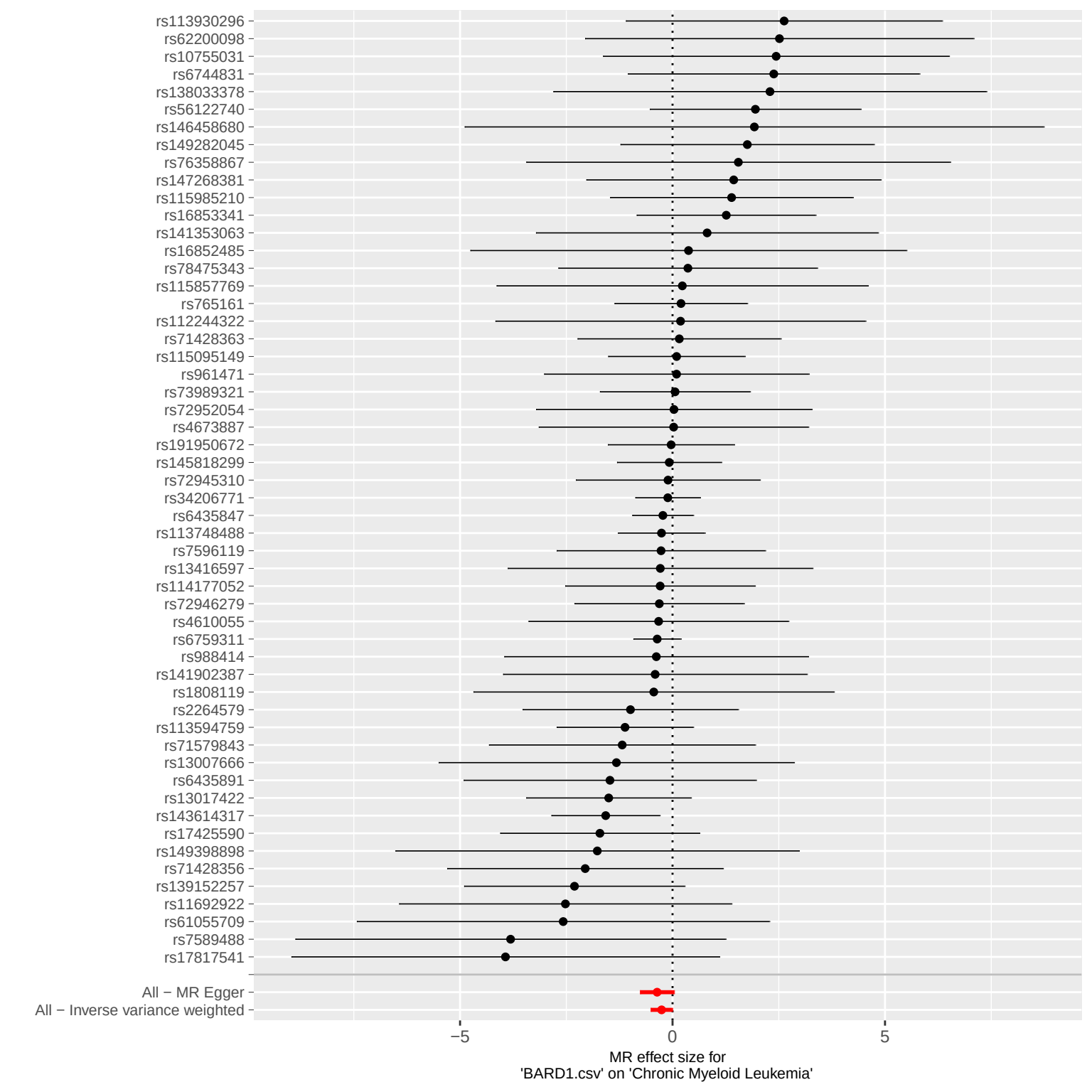
2.5
5.0
7.5
MR effect size for
'BANP.csv' on 'Chronic Myeloid Leukemia'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rs149398898
rs71428356
rs139152257
rs11692922
rs61055709
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All − MR Egger
All − Inverse variance weighted
−5
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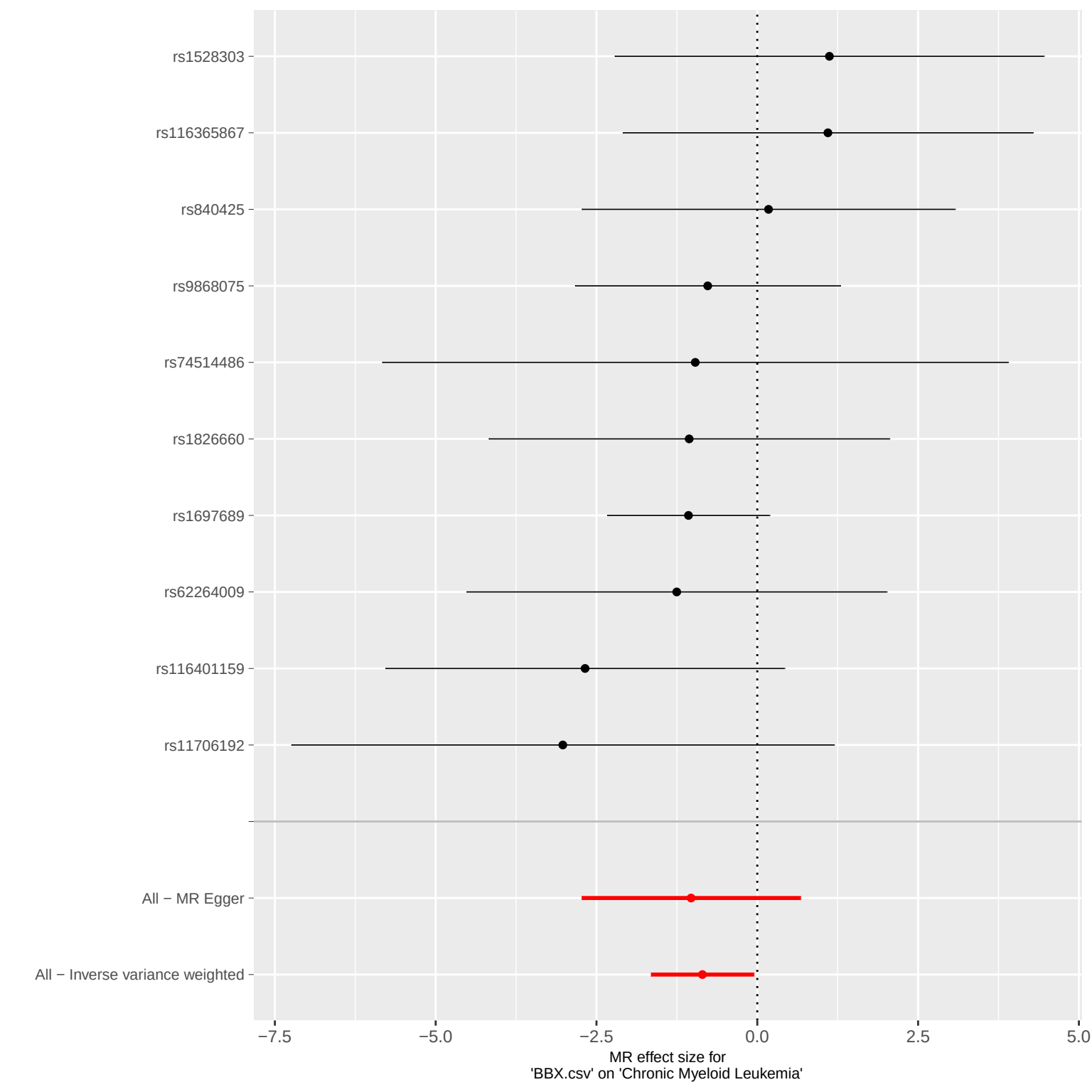
5
MR effect size for
'BARD1.csv' on 'Chronic Myeloid Leukemia'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rs840425
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rs74514486
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rs1697689
rs62264009
rs116401159
rs11706192
All − MR Egger
All − Inverse variance weighted
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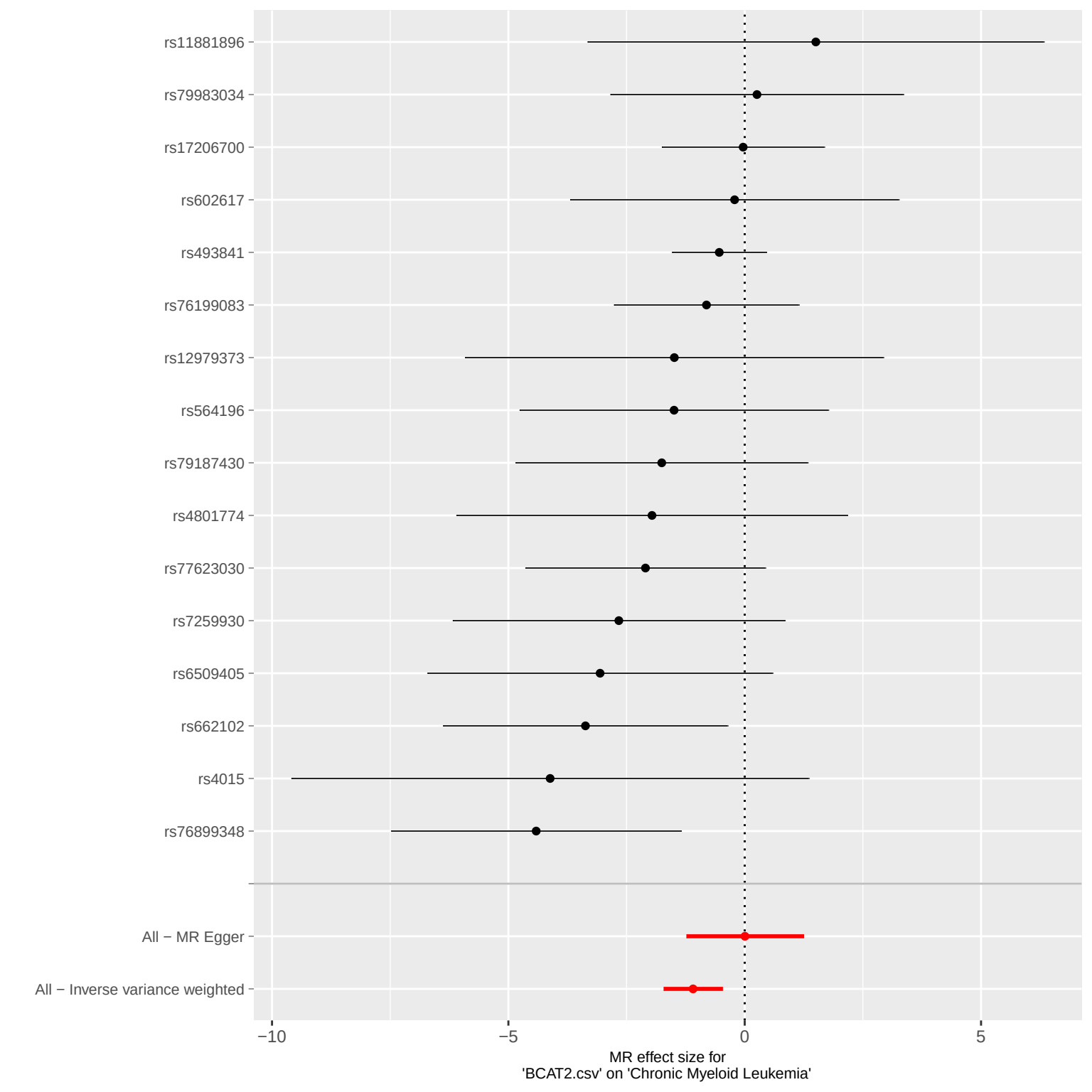
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'BBX.csv' on 'Chronic Myeloid Leukemia'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rs7259930
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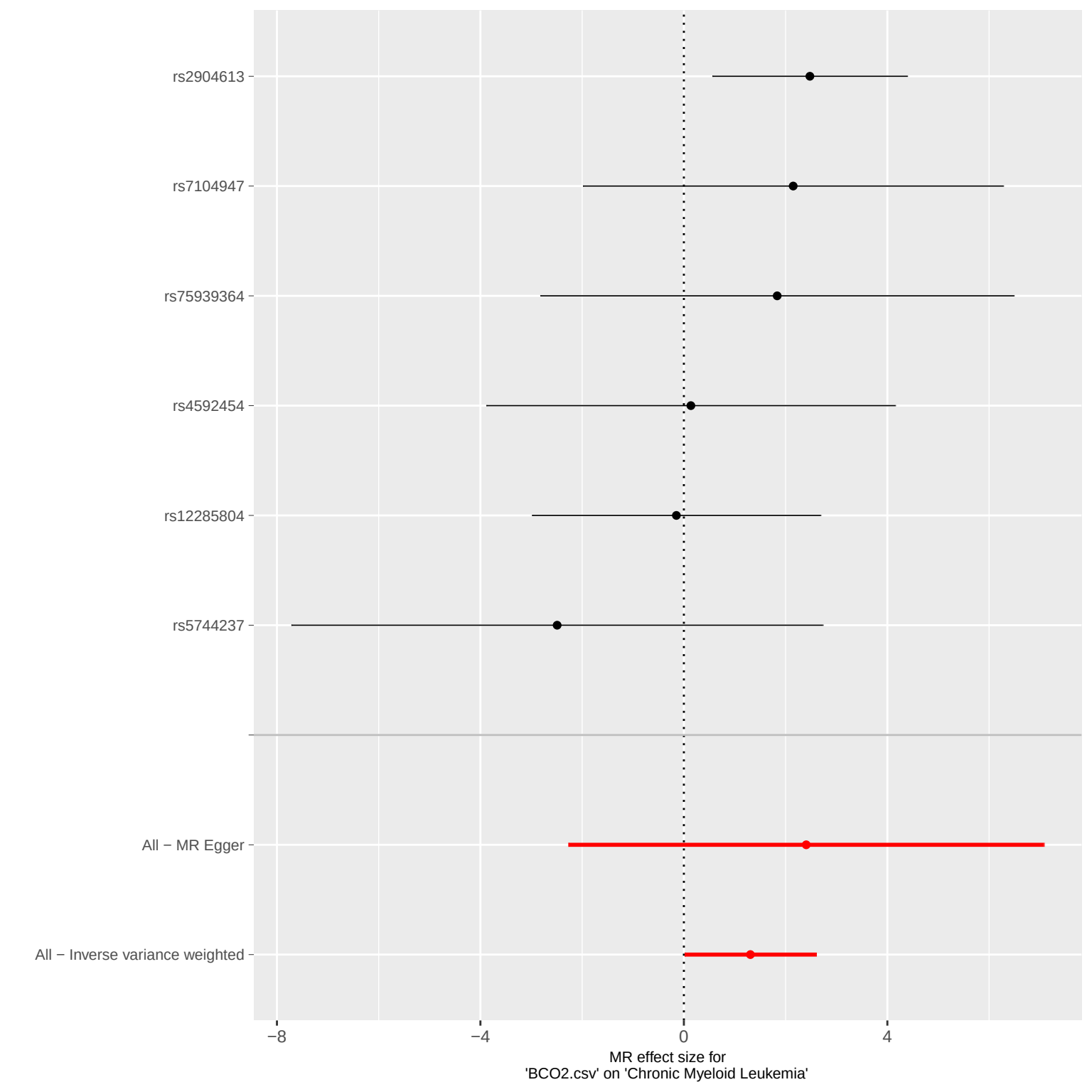
rs662102
rs4015
rs76899348
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'BCAT2.csv' on 'Chronic Myeloid Leukemia'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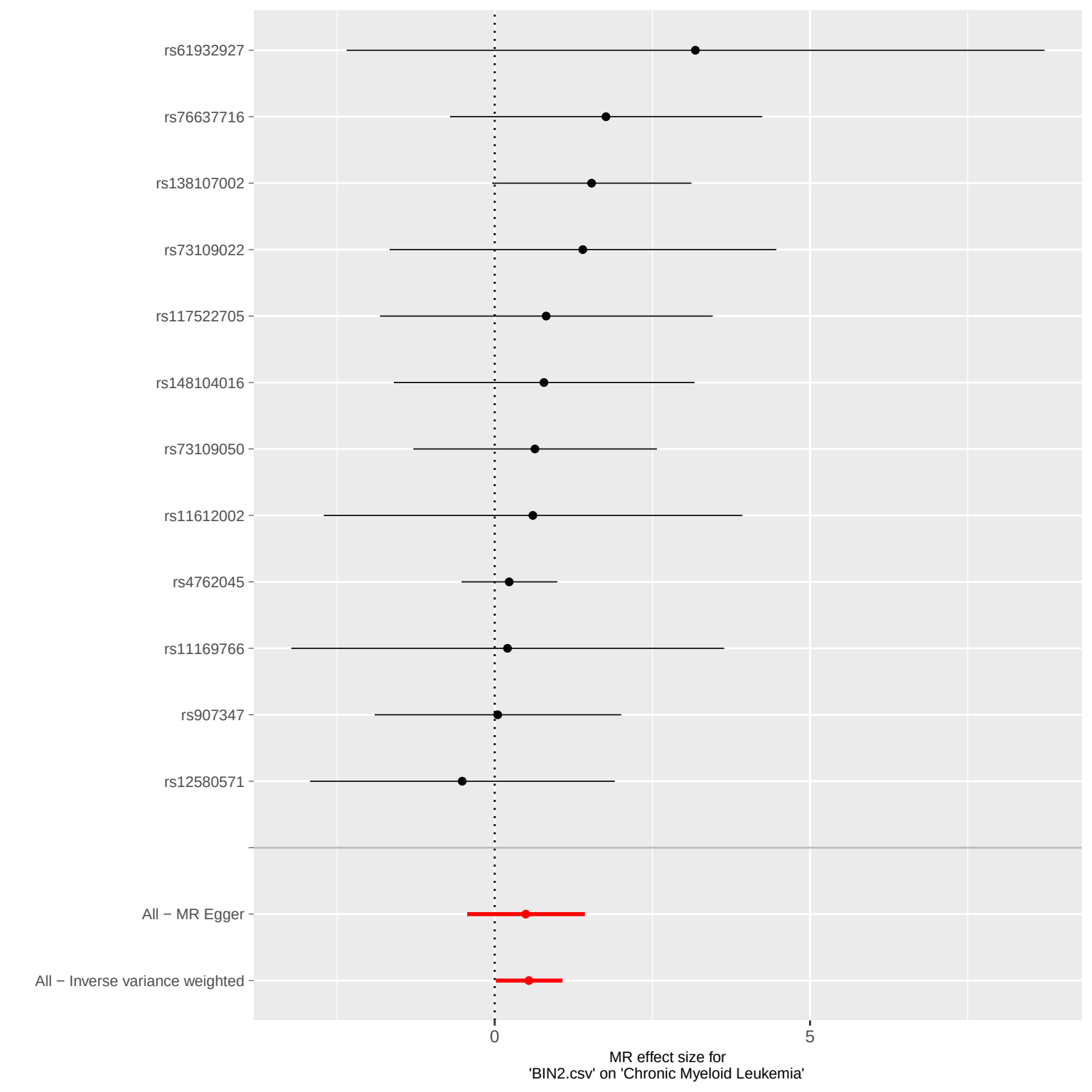
rs7104947
rs75939364
rs4592454
rs12285804
rs5744237
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'BCO2.csv' on 'Chronic Myeloid Leukemia'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rs11612002
rs4762045
rs11169766
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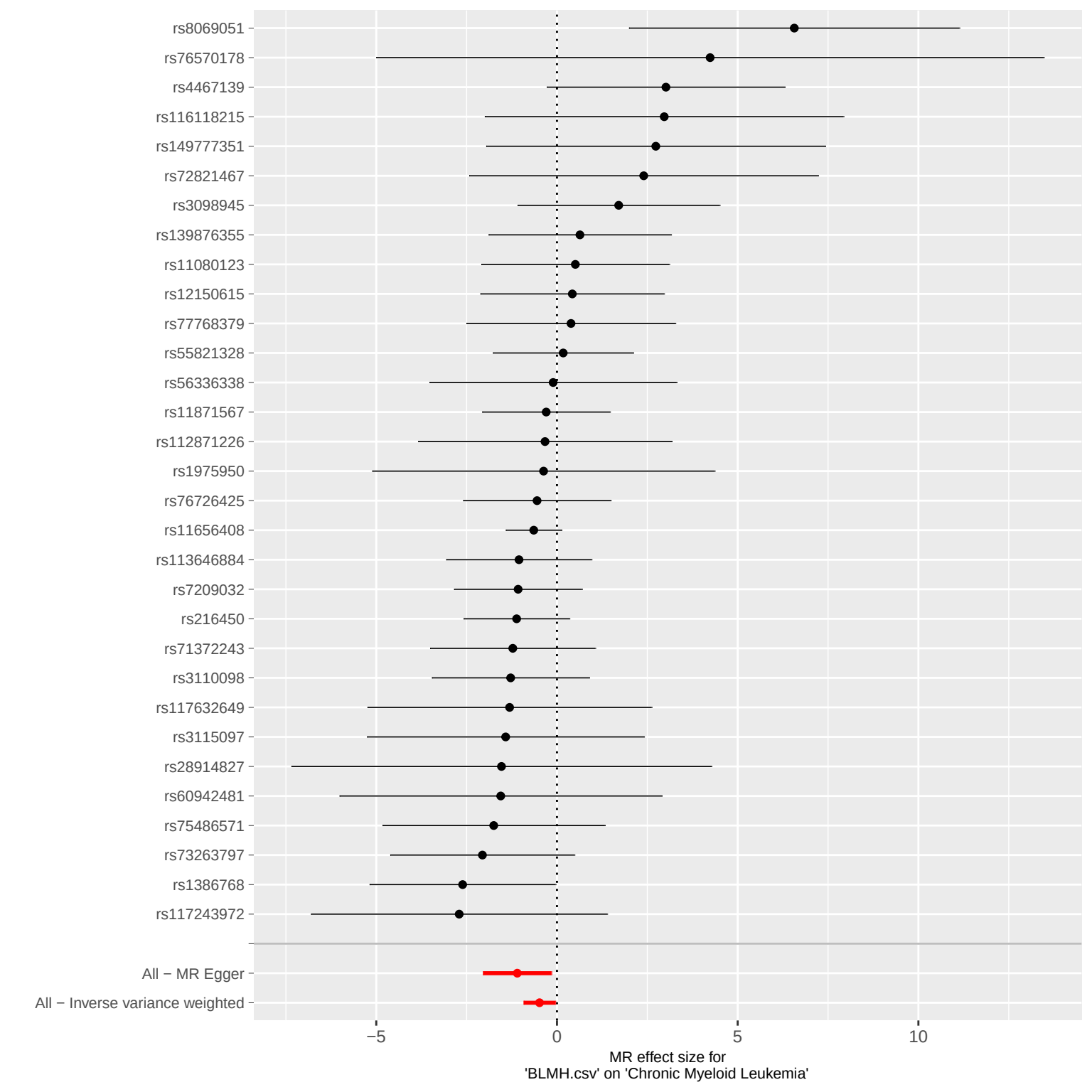
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'BIN2.csv' on 'Chronic Myeloid Leukemia'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rs55821328
rs56336338
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rs216450
rs71372243
rs3110098
rs117632649
rs3115097
rs28914827
rs60942481
rs75486571
rs73263797
rs1386768
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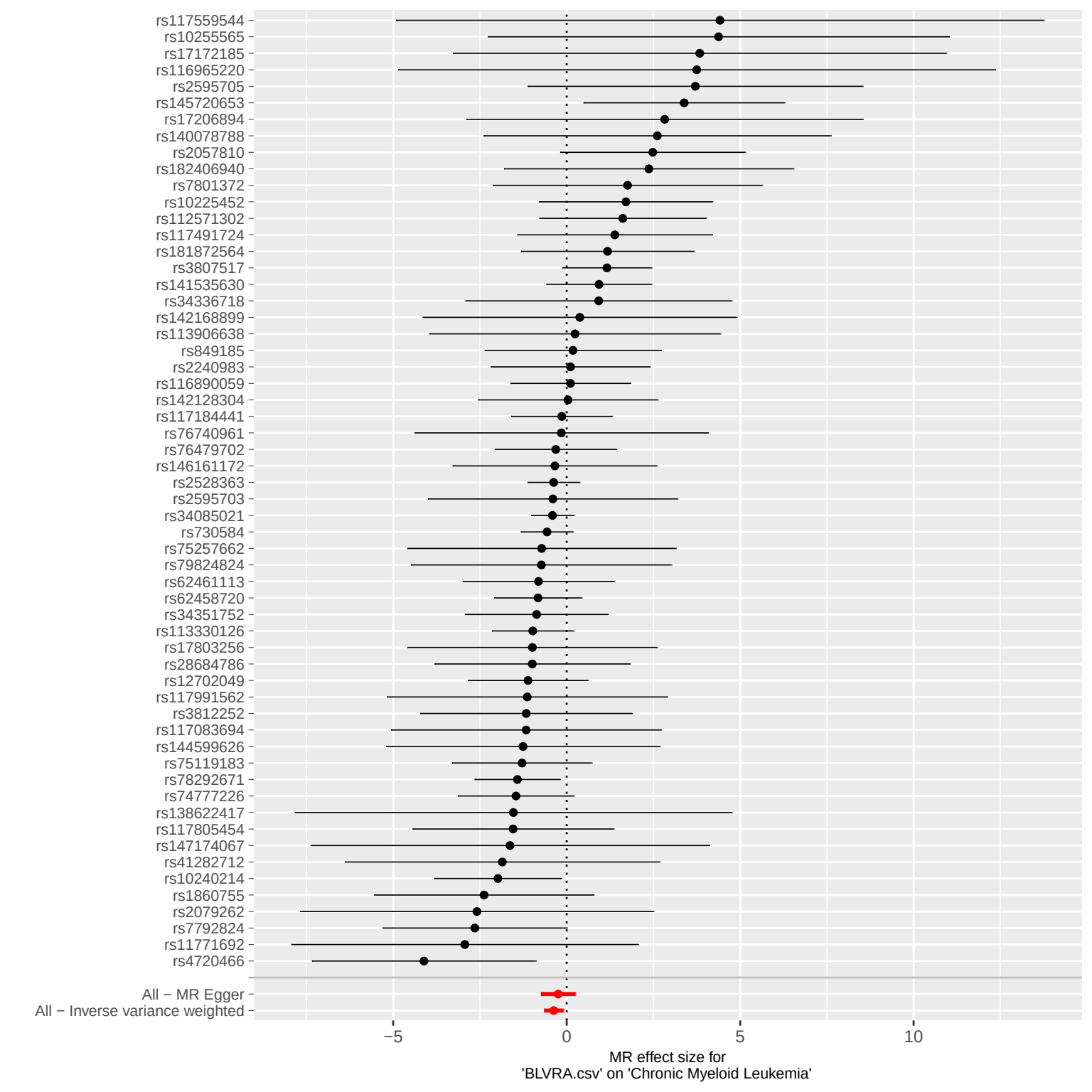
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'BLMH.csv' on 'Chronic Myeloid Leukemia'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rs2240983
rs116890059
rs142128304
rs117184441
rs76740961
rs76479702
rs146161172
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rs2595703
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rs138622417
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rs41282712
rs10240214
rs1860755
rs2079262
rs7792824
rs11771692
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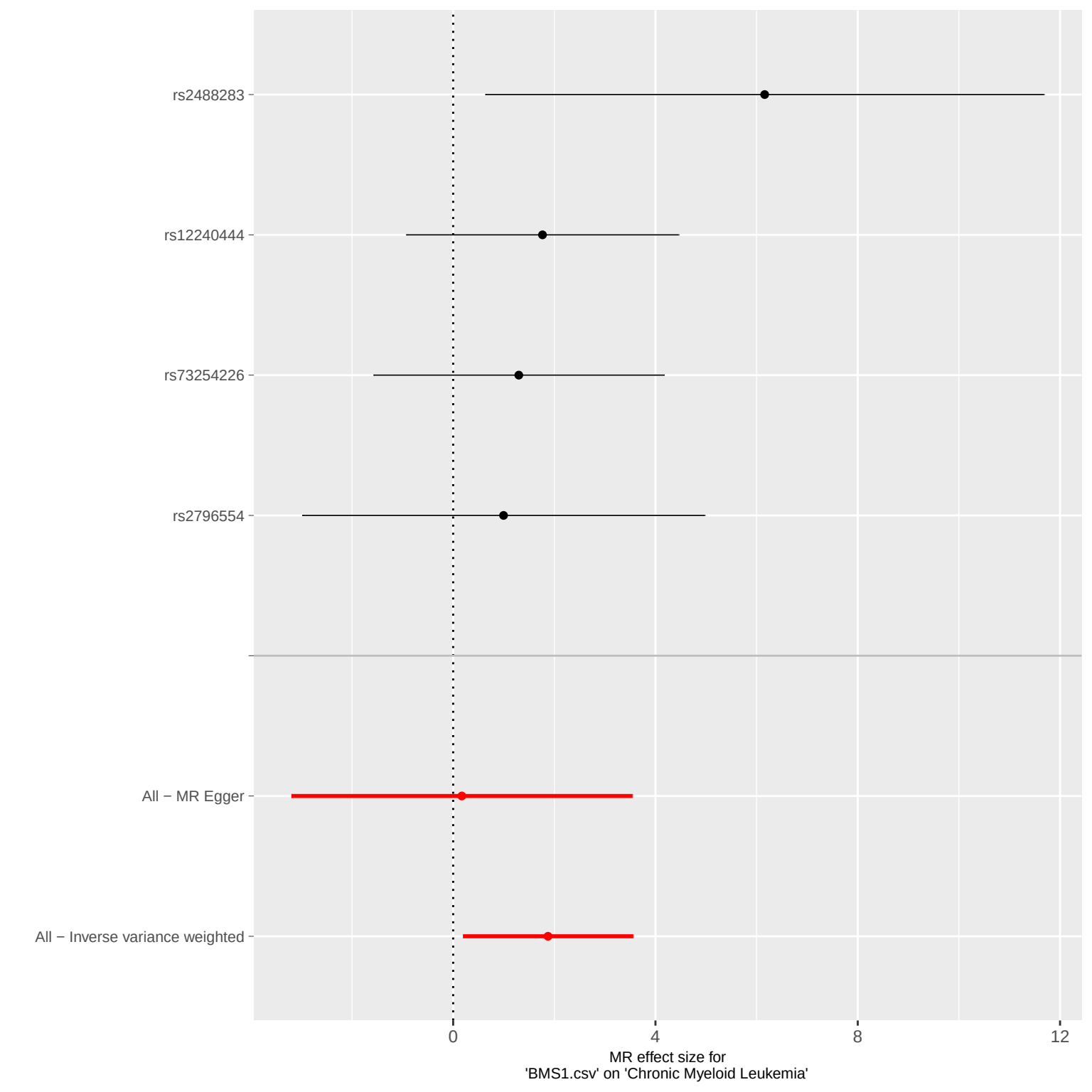
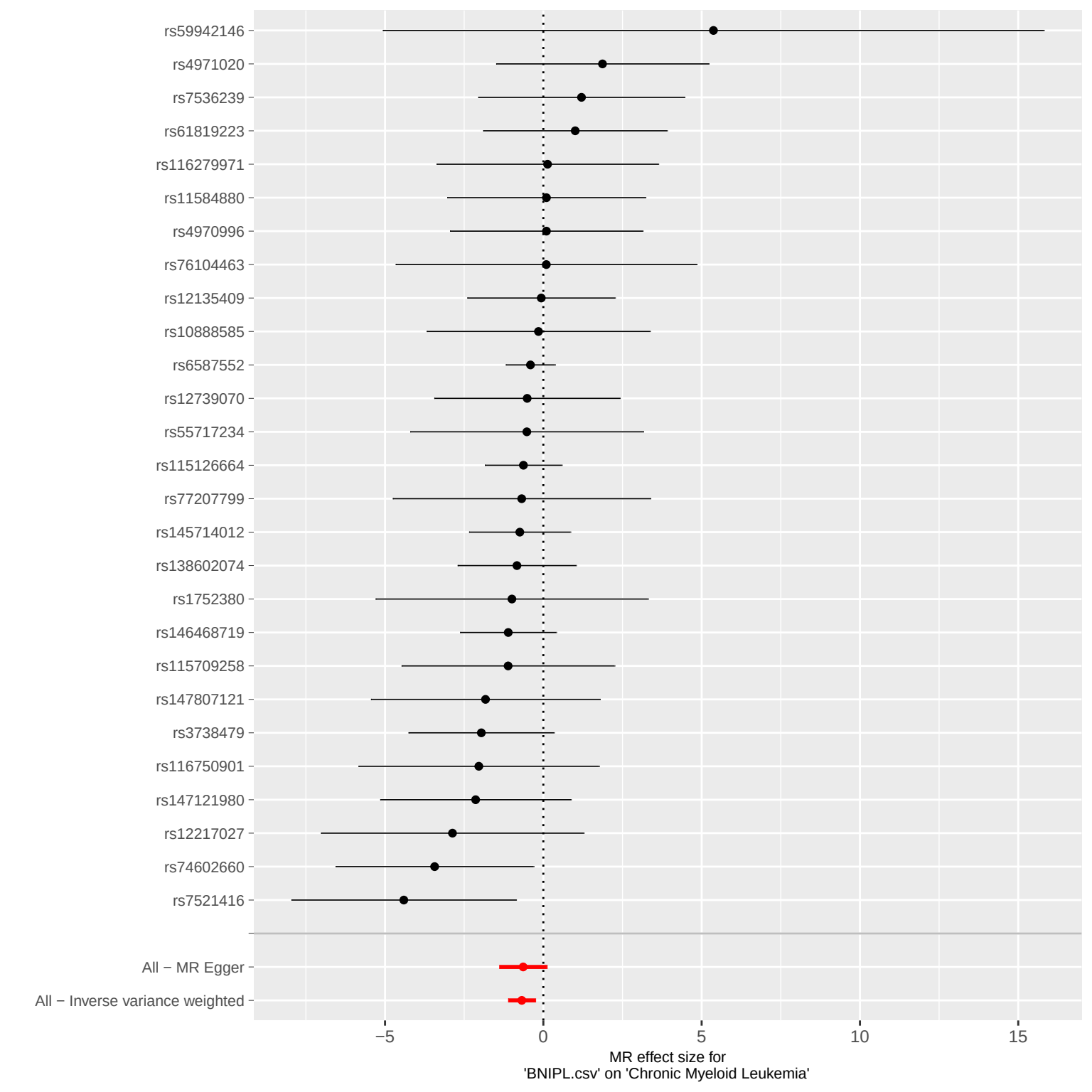
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'BLVRA.csv' on 'Chronic Myeloid Leukemia'


rs2488283
rs12240444
rs73254226
rs2796554
All − MR Egger
All − Inverse variance weighted
0
4
8
12
MR effect size for
'BMS1.csv' on 'Chronic Myeloid Leukemia'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rs7536239
rs61819223
rs116279971
rs11584880
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rs12135409
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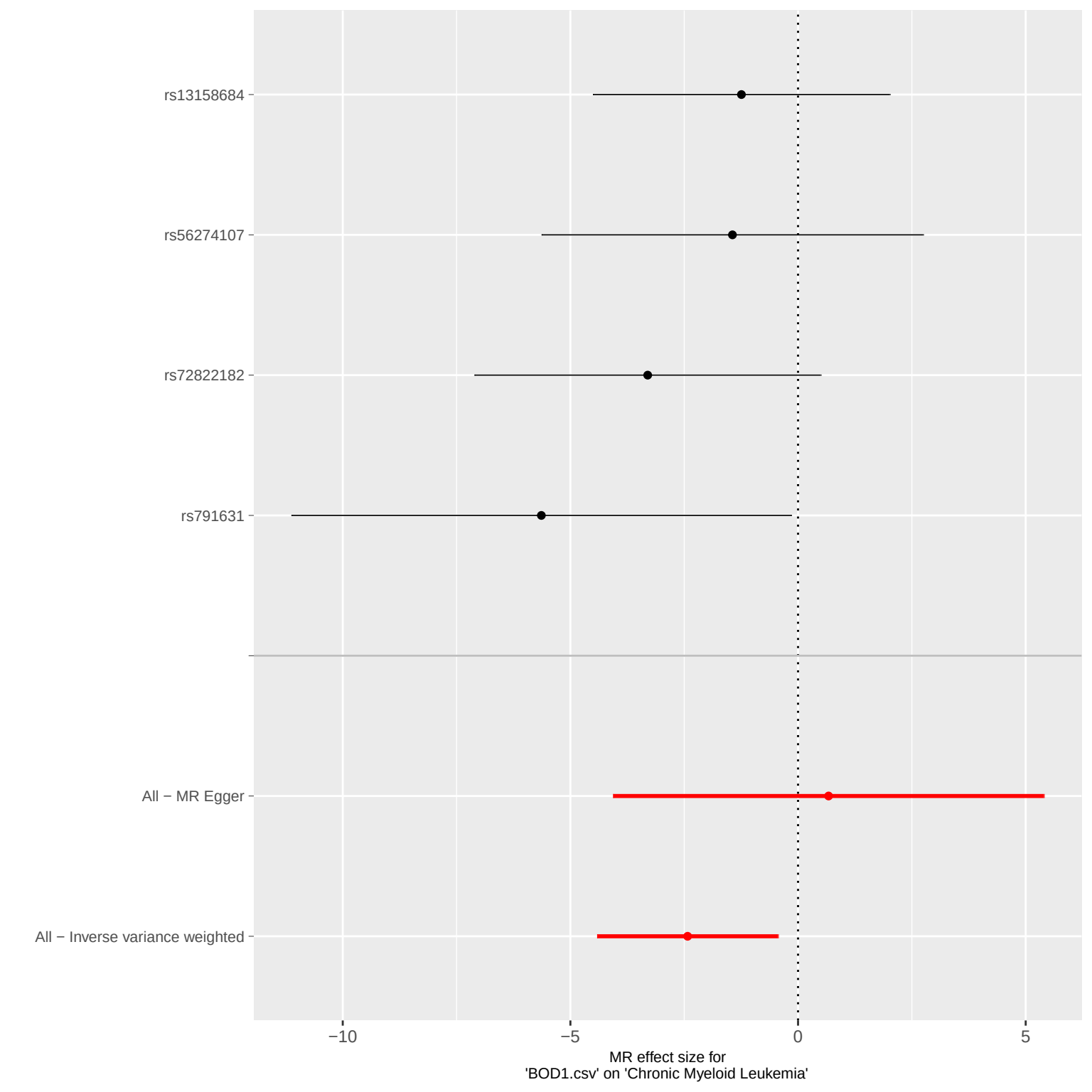
rs12739070
rs55717234
rs115126664
rs77207799
rs145714012
rs138602074
rs1752380
rs146468719
rs115709258
rs147807121
rs3738479
rs116750901
rs147121980
rs12217027
rs74602660
rs7521416
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'BNIPL.csv' on 'Chronic Myeloid Leukemia'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rs56274107
rs72822182
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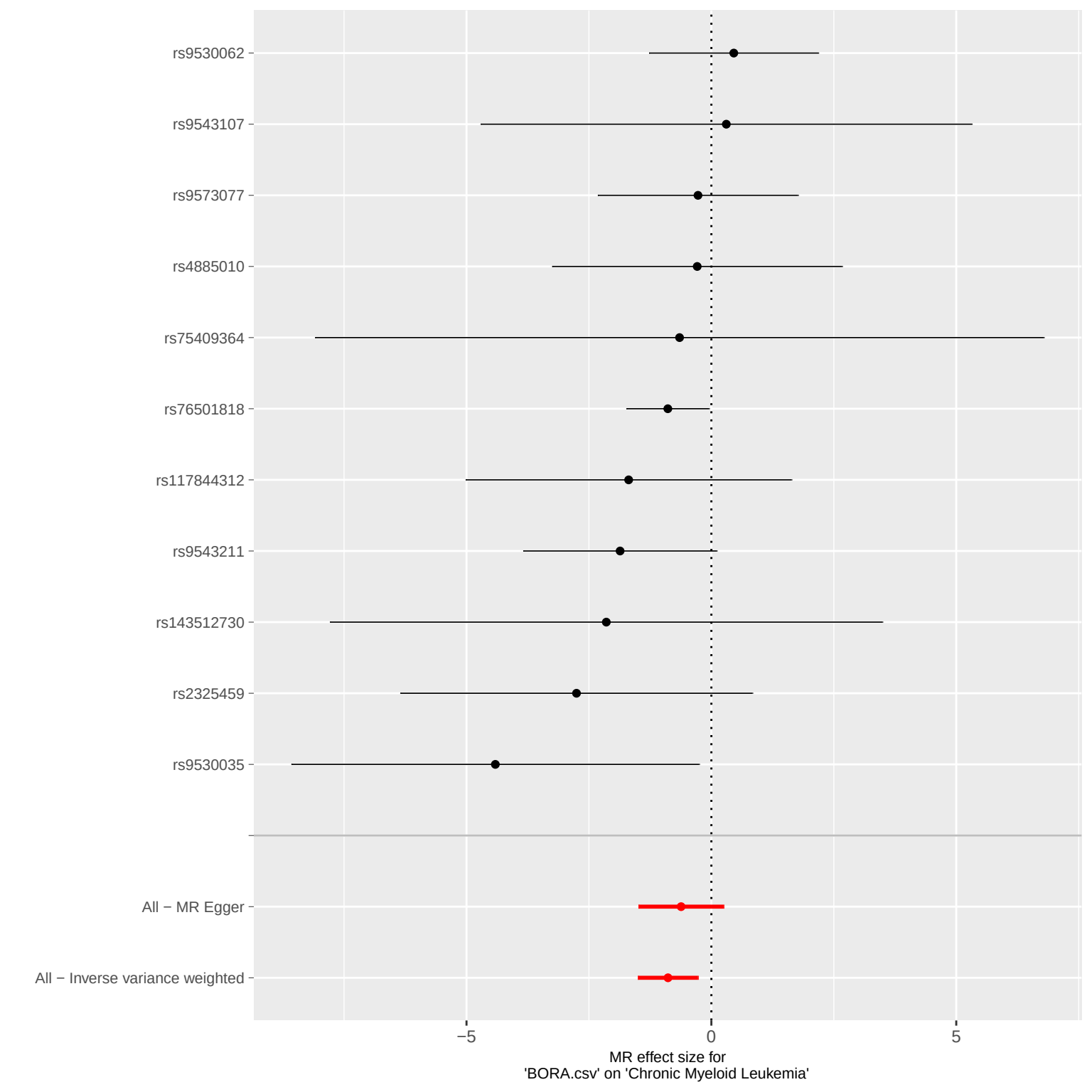
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'BOD1.csv' on 'Chronic Myeloid Leukemia'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rs76501818
rs117844312
rs9543211
rs143512730
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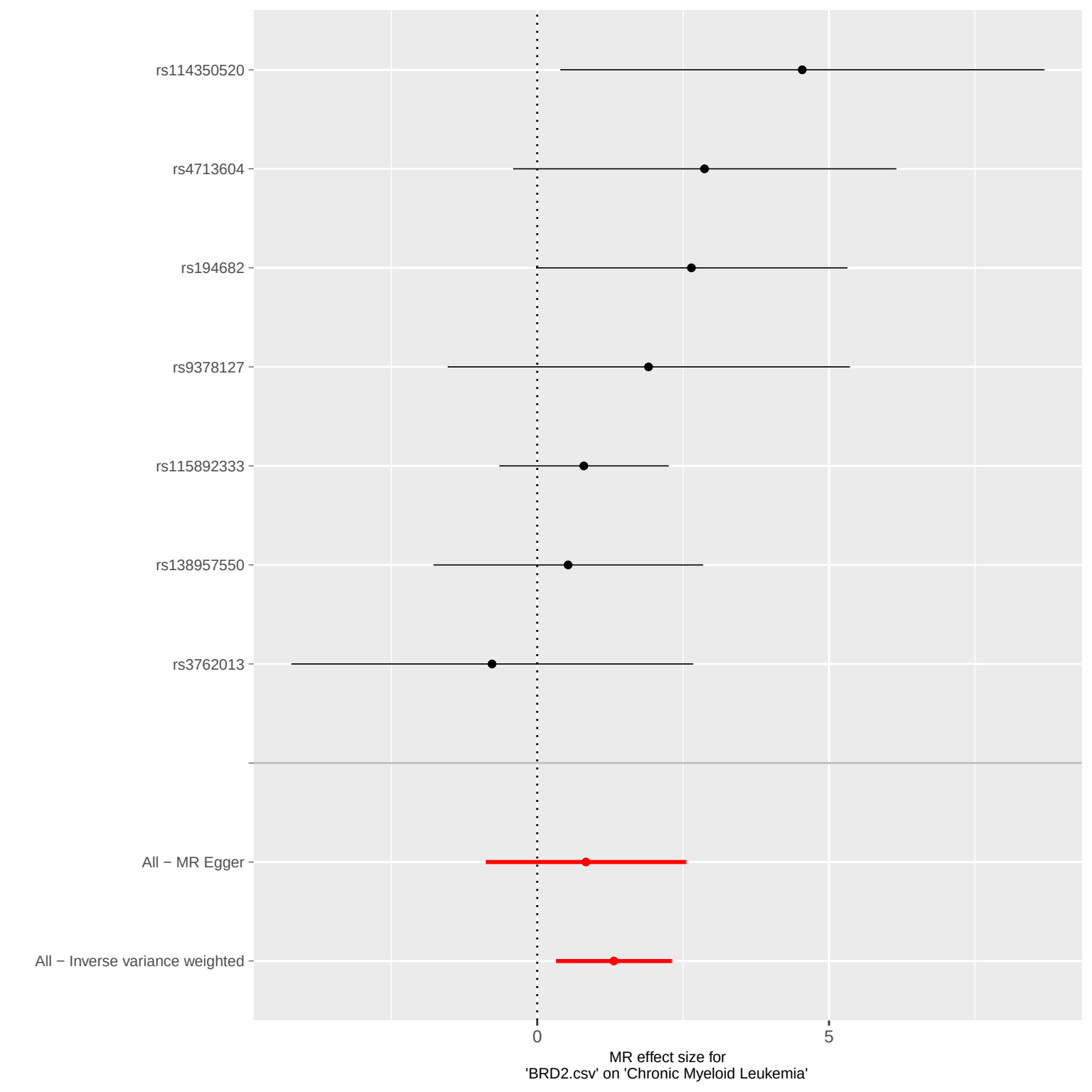
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'BORA.csv' on 'Chronic Myeloid Leukemia'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rs4713604
rs194682
rs9378127
rs115892333
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All − MR Egger
All − Inverse variance weighted
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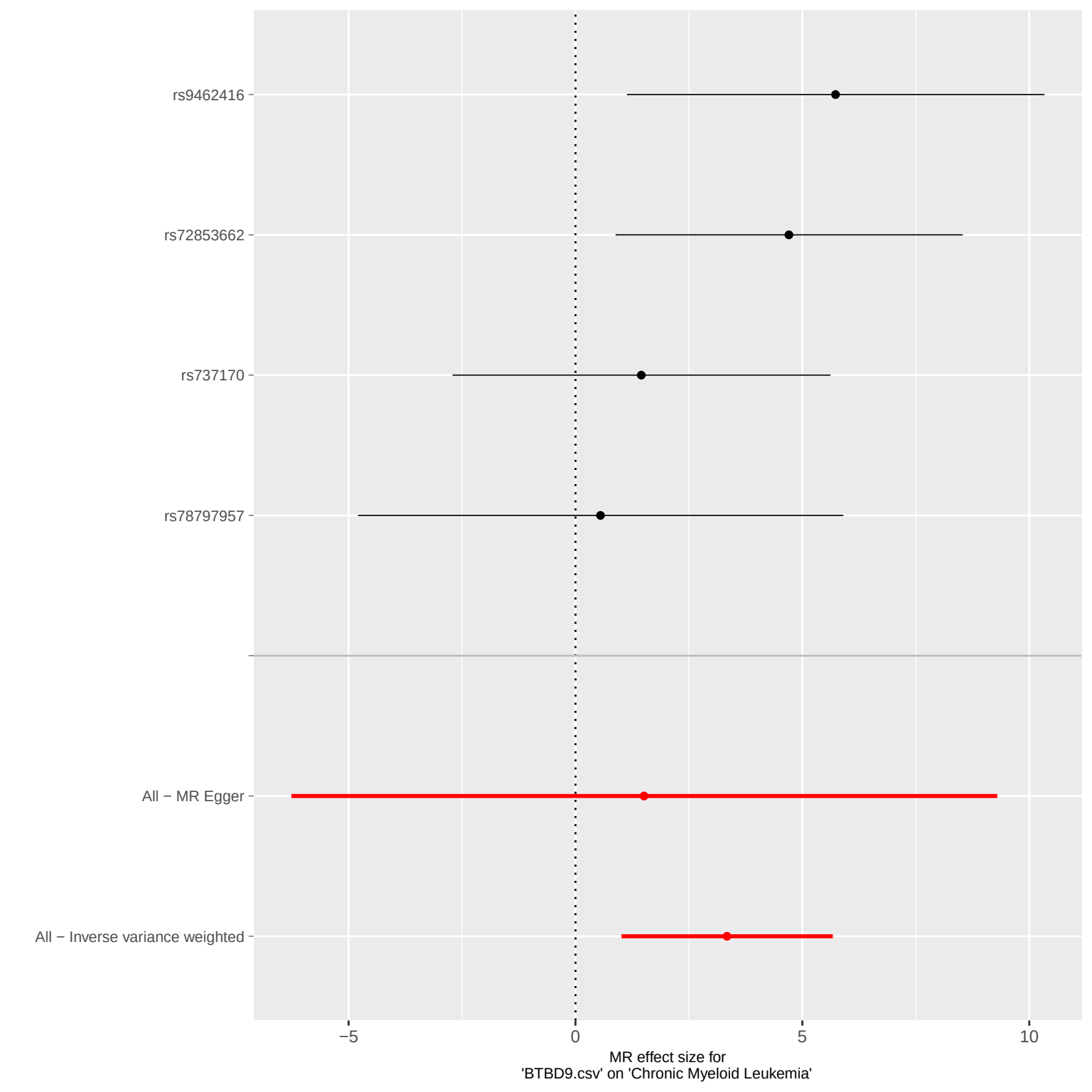
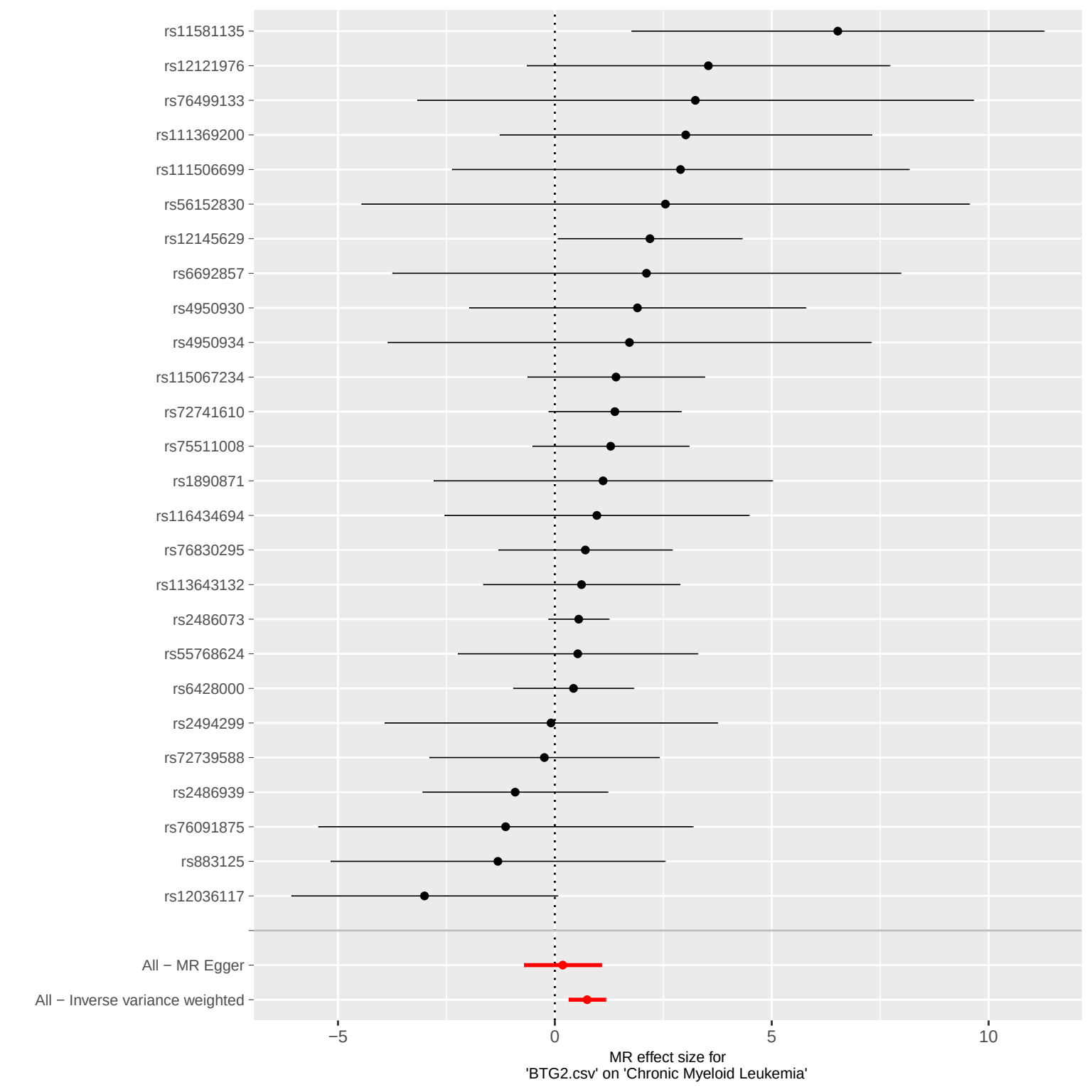
MR effect size for
'BRD2.csv' on 'Chronic Myeloid Leukemia'


rs9462416
rs72853662
rs737170
rs78797957
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'BTBD9.csv' on 'Chronic Myeloid Leukemia'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rs56152830
rs12145629
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rs72741610
rs75511008
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rs116434694
rs76830295
rs113643132
rs2486073
rs55768624
rs6428000
rs2494299
rs72739588
rs2486939
rs76091875
rs883125
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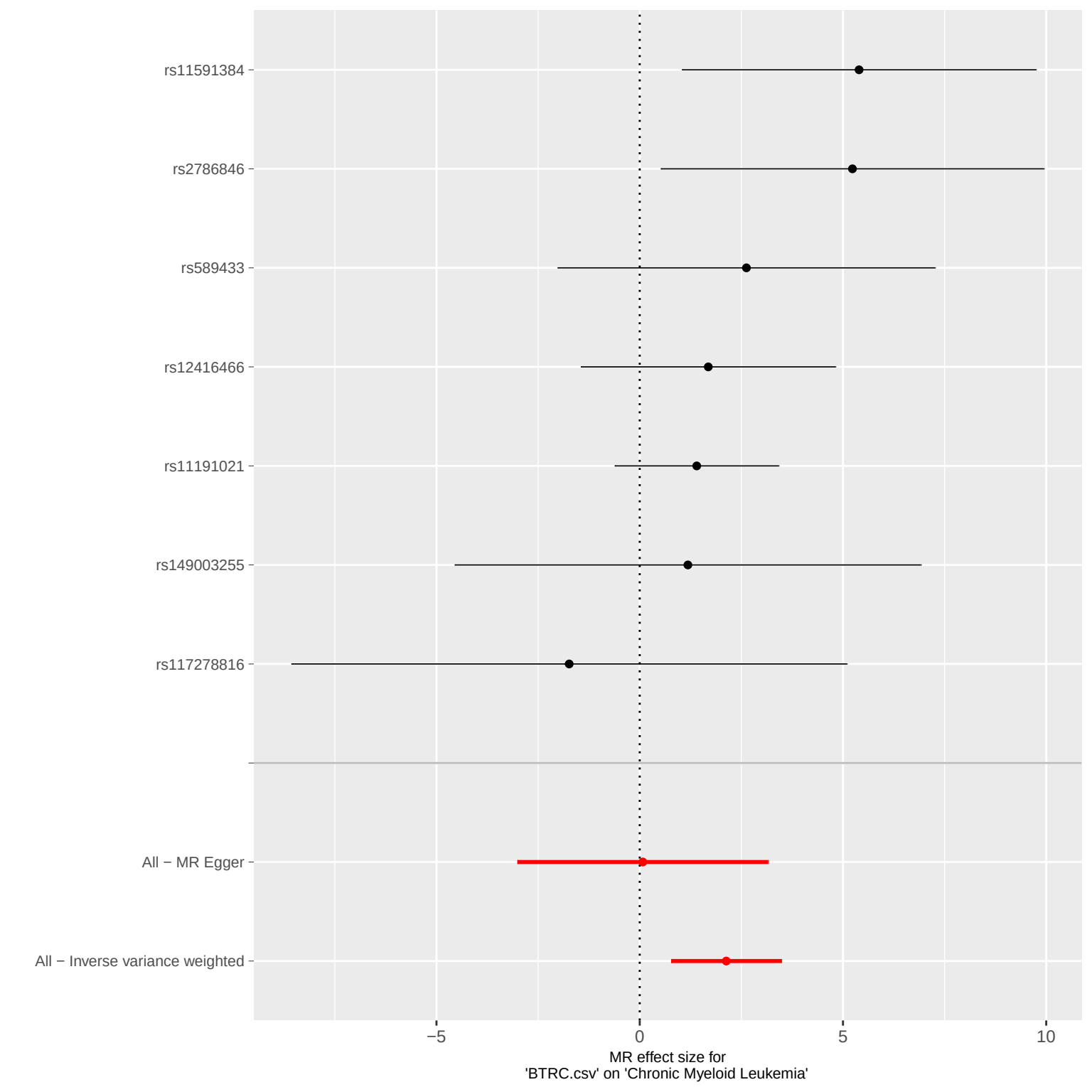
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'BTG2.csv' on 'Chronic Myeloid Leukemia'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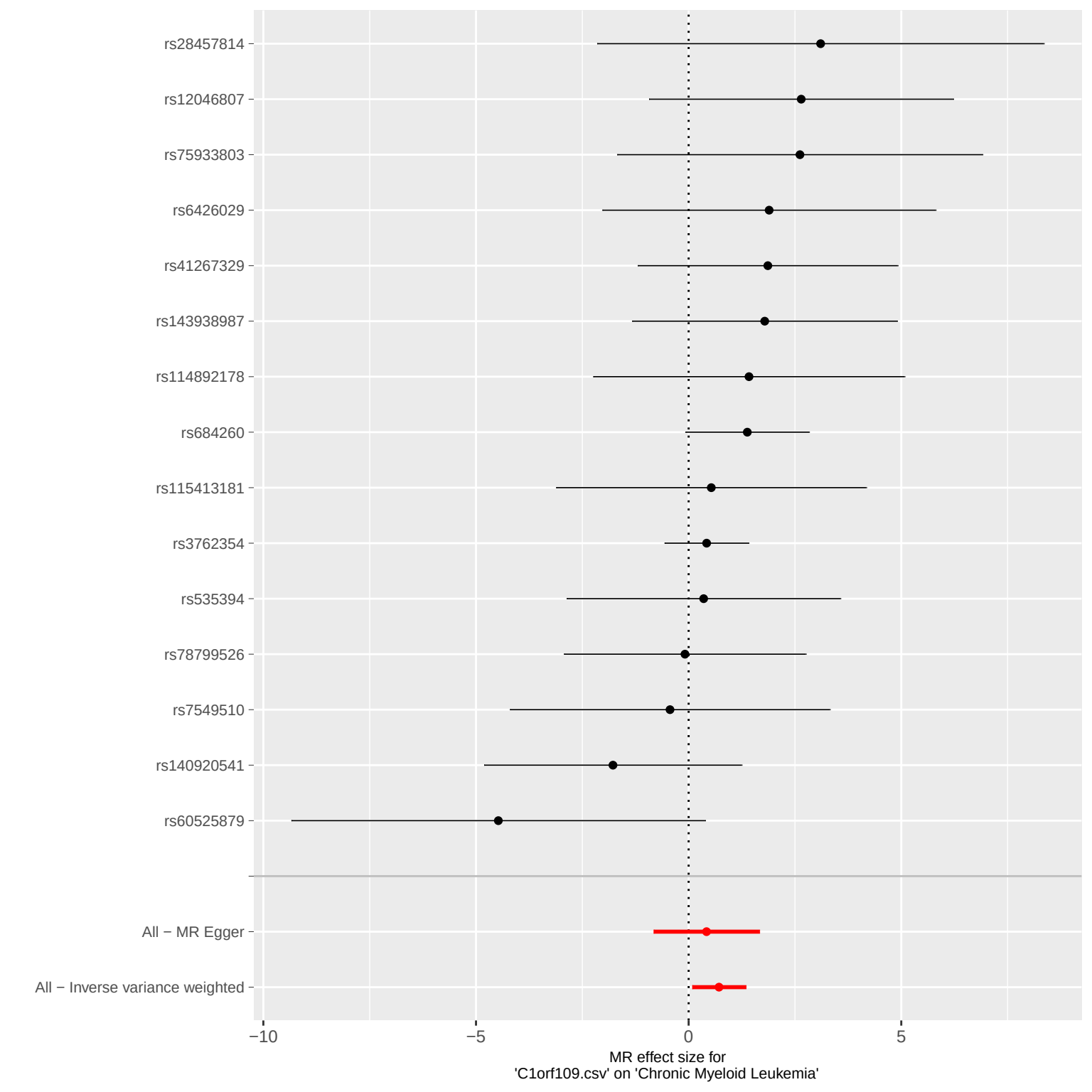
rs2786846
rs589433
rs12416466
rs11191021
rs149003255
rs117278816
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'BTRC.csv' on 'Chronic Myeloid Leukemia'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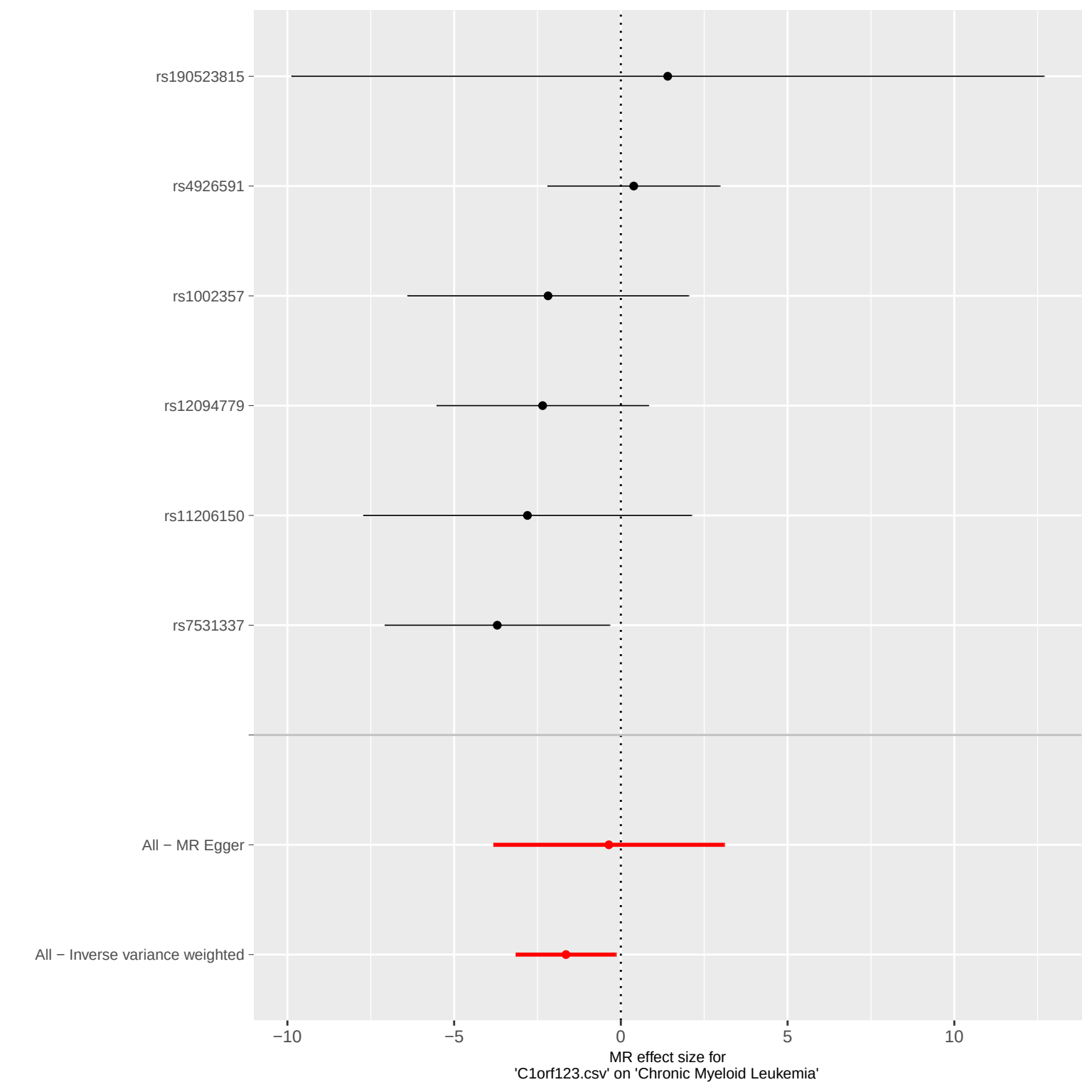
rs114892178
rs684260
rs115413181
rs3762354
rs535394
rs78799526
rs7549510
rs140920541
rs60525879
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'C1orf109.csv' on 'Chronic Myeloid Leukemia'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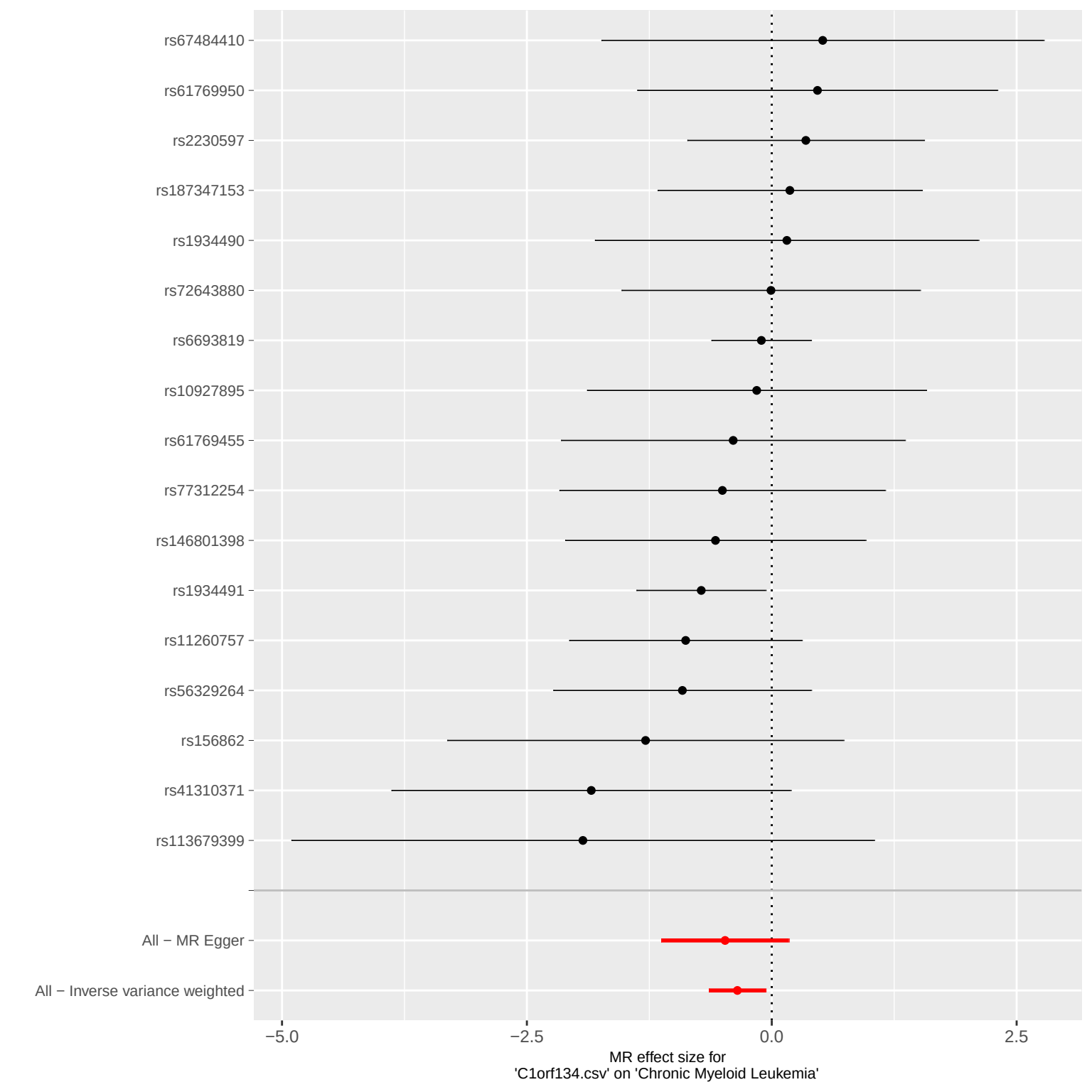
rs4926591
rs1002357
rs12094779
rs11206150
rs7531337
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'C1orf123.csv' on 'Chronic Myeloid Leukemia'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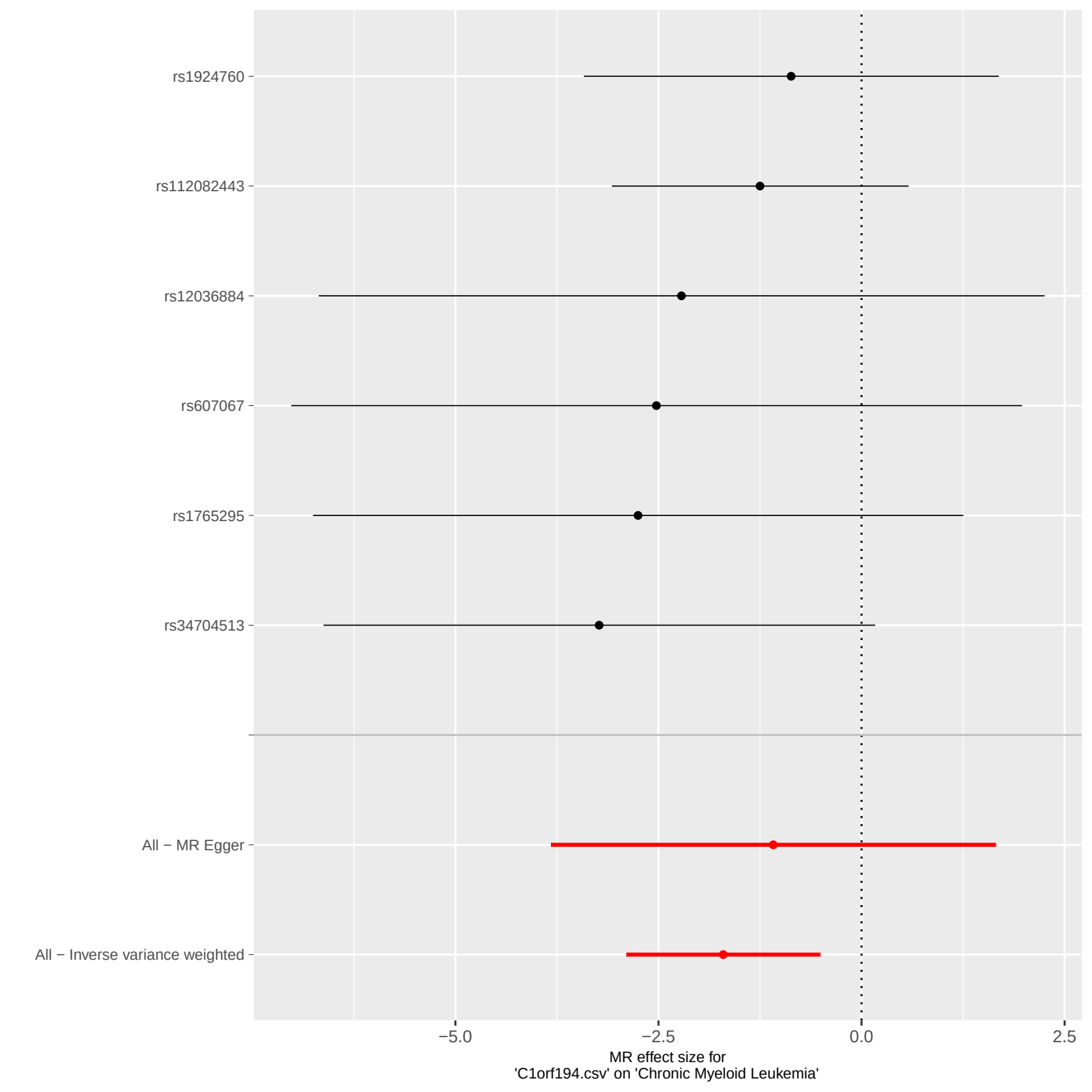
rs10927895
rs61769455
rs77312254
rs146801398
rs1934491
rs11260757
rs56329264
rs156862
rs41310371
rs113679399
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C1orf134.csv' on 'Chronic Myeloid Leukemia'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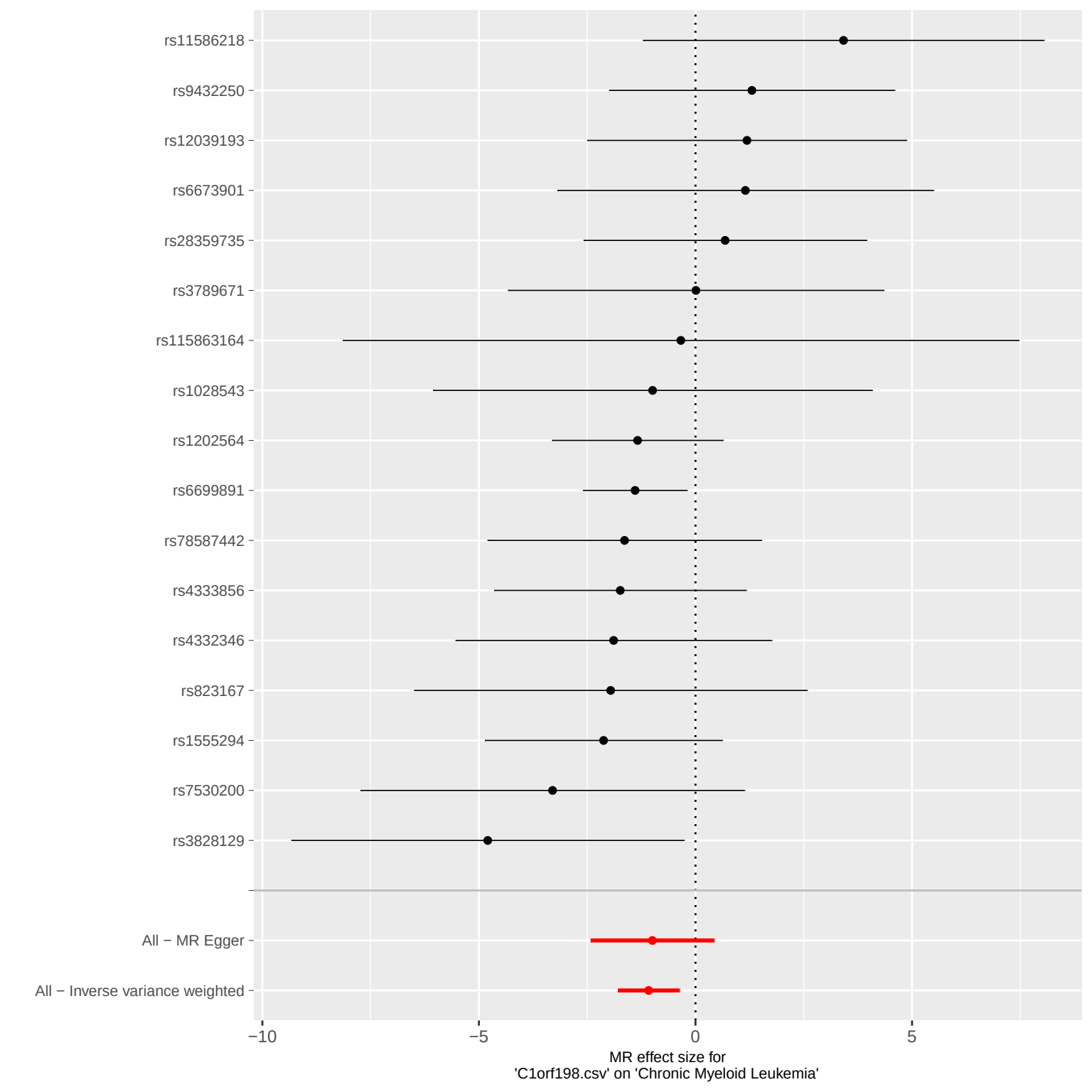
rs112082443
rs12036884
rs607067
rs1765295
rs34704513
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C1orf194.csv' on 'Chronic Myeloid Leukemia'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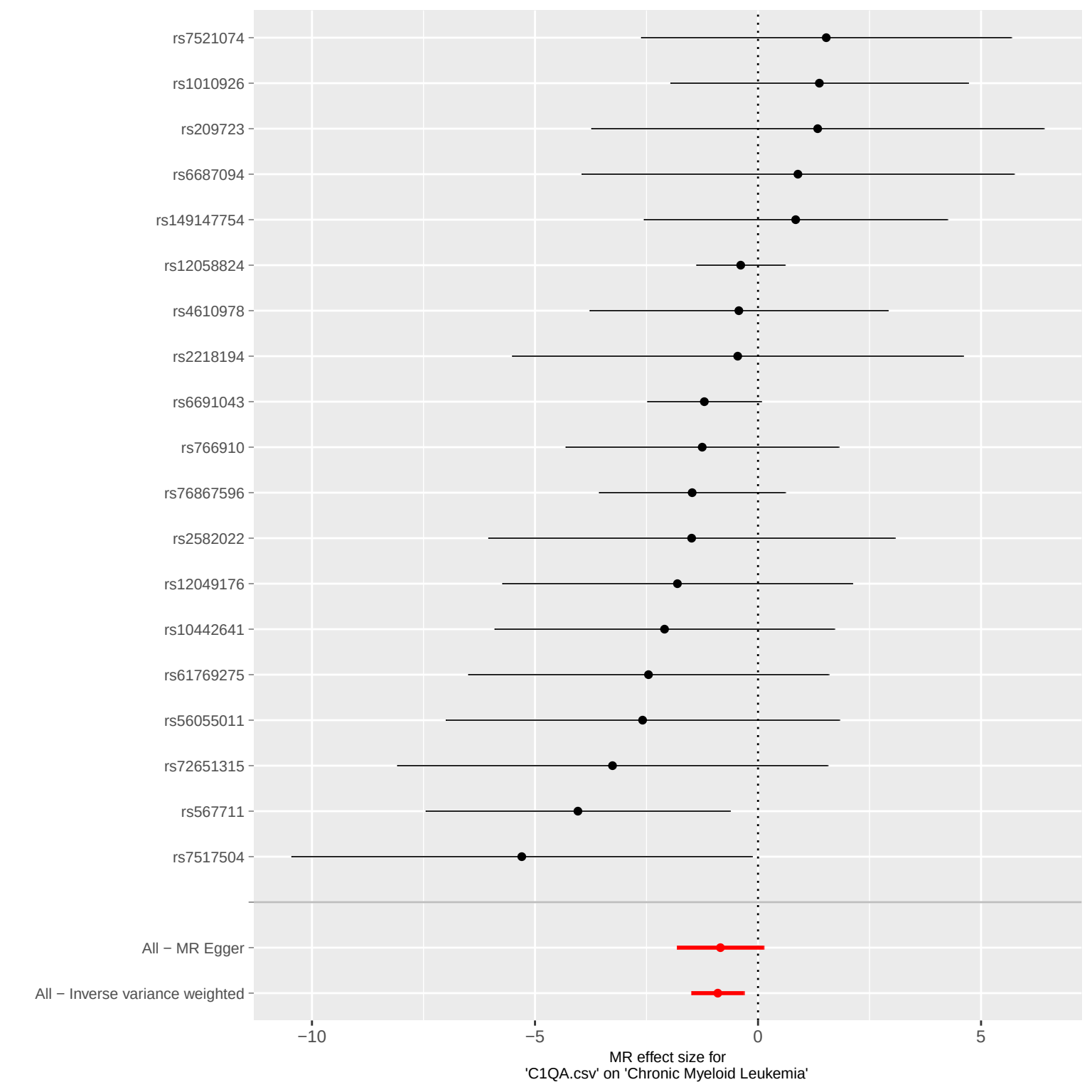
rs1028543
rs1202564
rs6699891
rs78587442
rs4333856
rs4332346
rs823167
rs1555294
rs7530200
rs3828129
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'C1orf198.csv' on 'Chronic Myeloid Leukemia'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rs76867596
rs2582022
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rs10442641
rs61769275
rs56055011
rs72651315
rs567711
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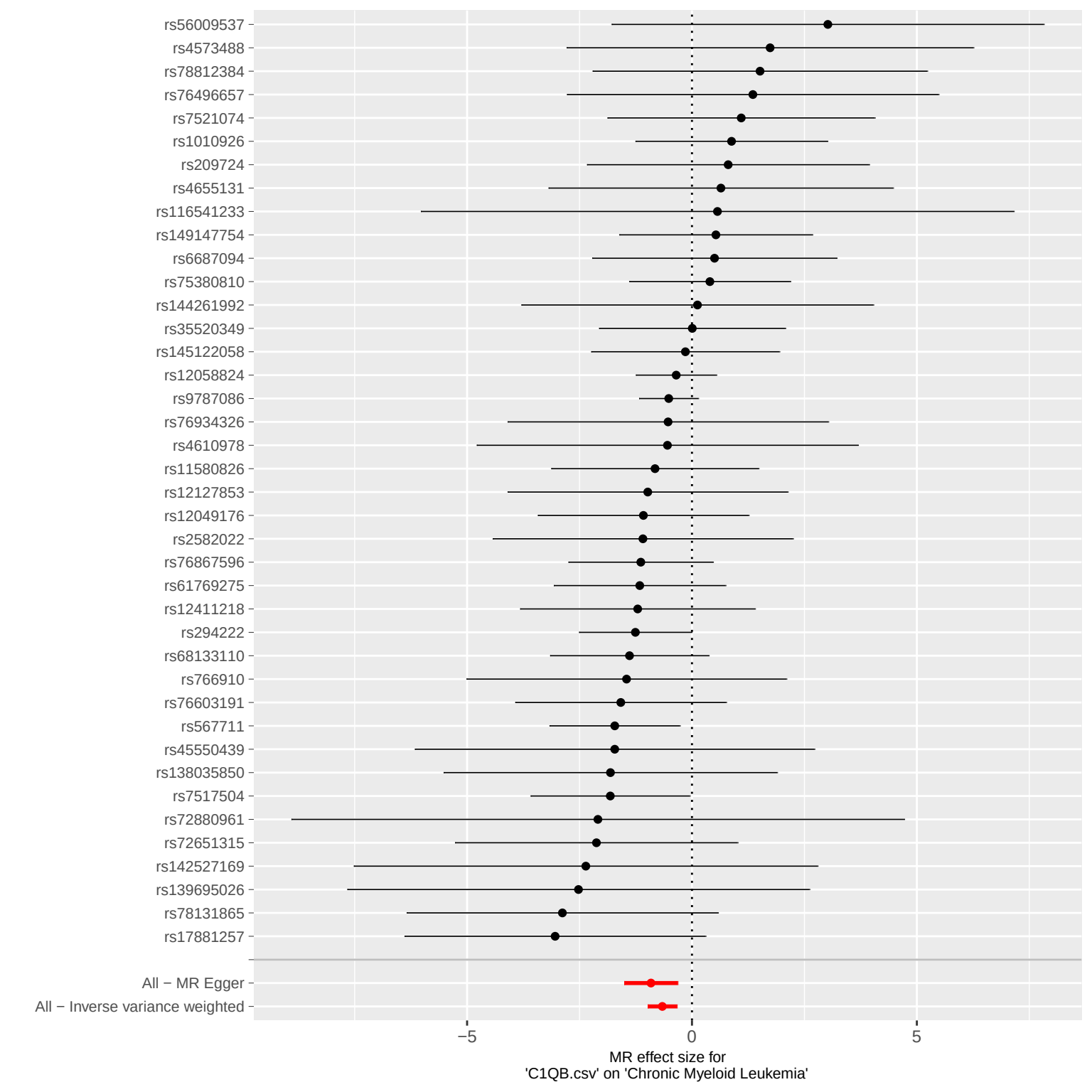
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'C1QA.csv' on 'Chronic Myeloid Leukemia'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rs45550439
rs138035850
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rs78131865
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All − MR Egger
All − Inverse variance weighted
−5
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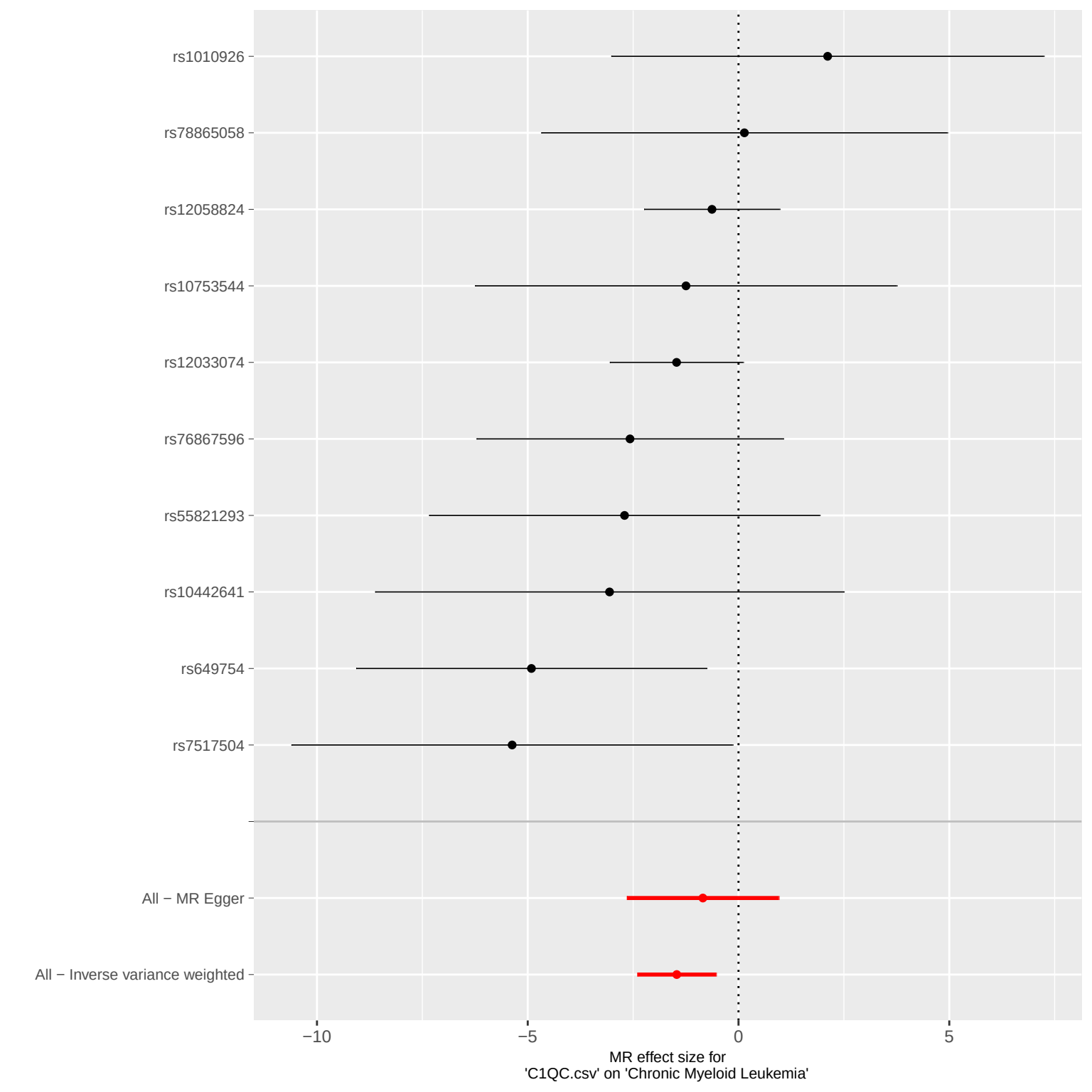
5
MR effect size for
'C1QB.csv' on 'Chronic Myeloid Leukemia'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rs649754
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All − MR Egger
All − Inverse variance weighted
−10
−5
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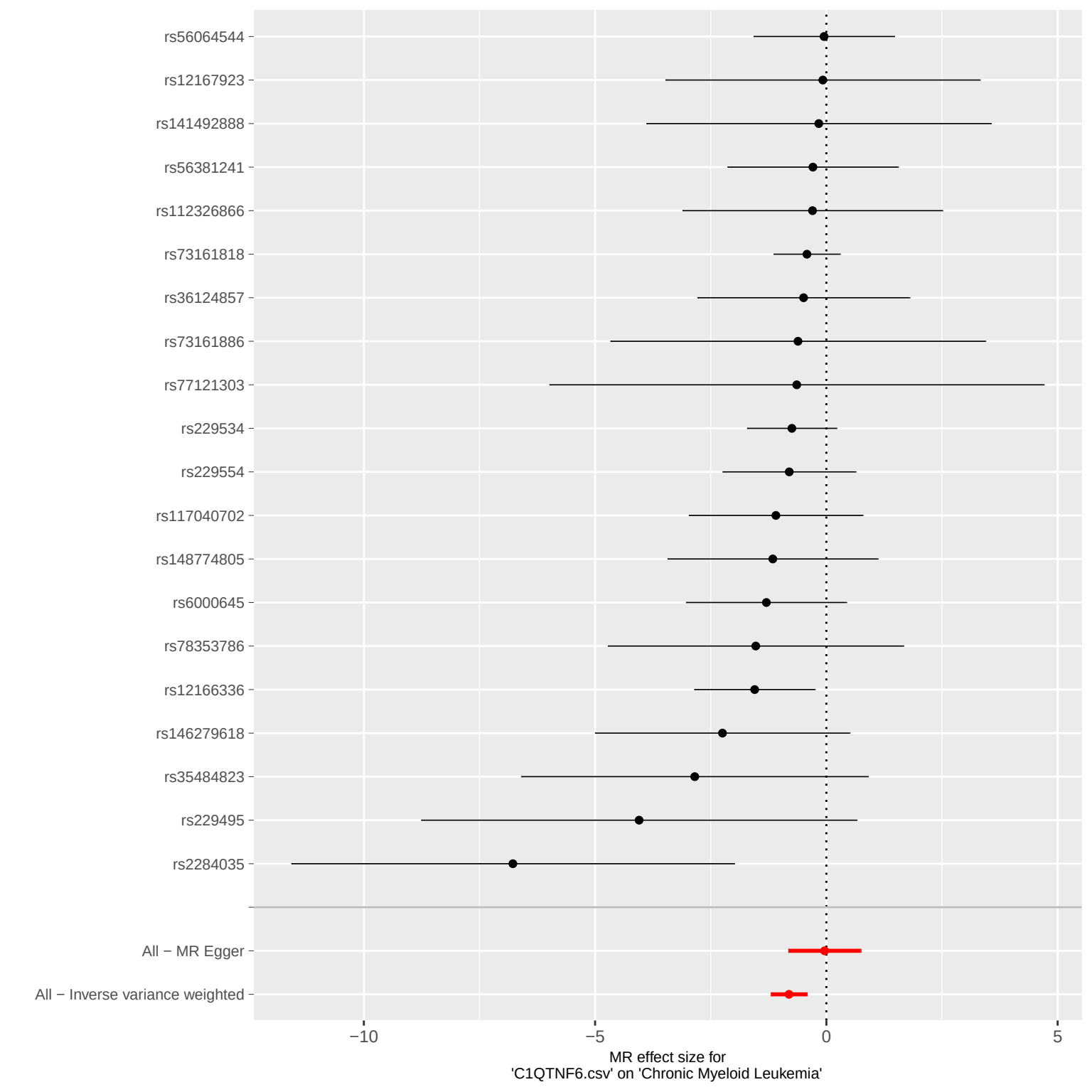
5
MR effect size for
'C1QC.csv' on 'Chronic Myeloid Leukemia'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rs229495
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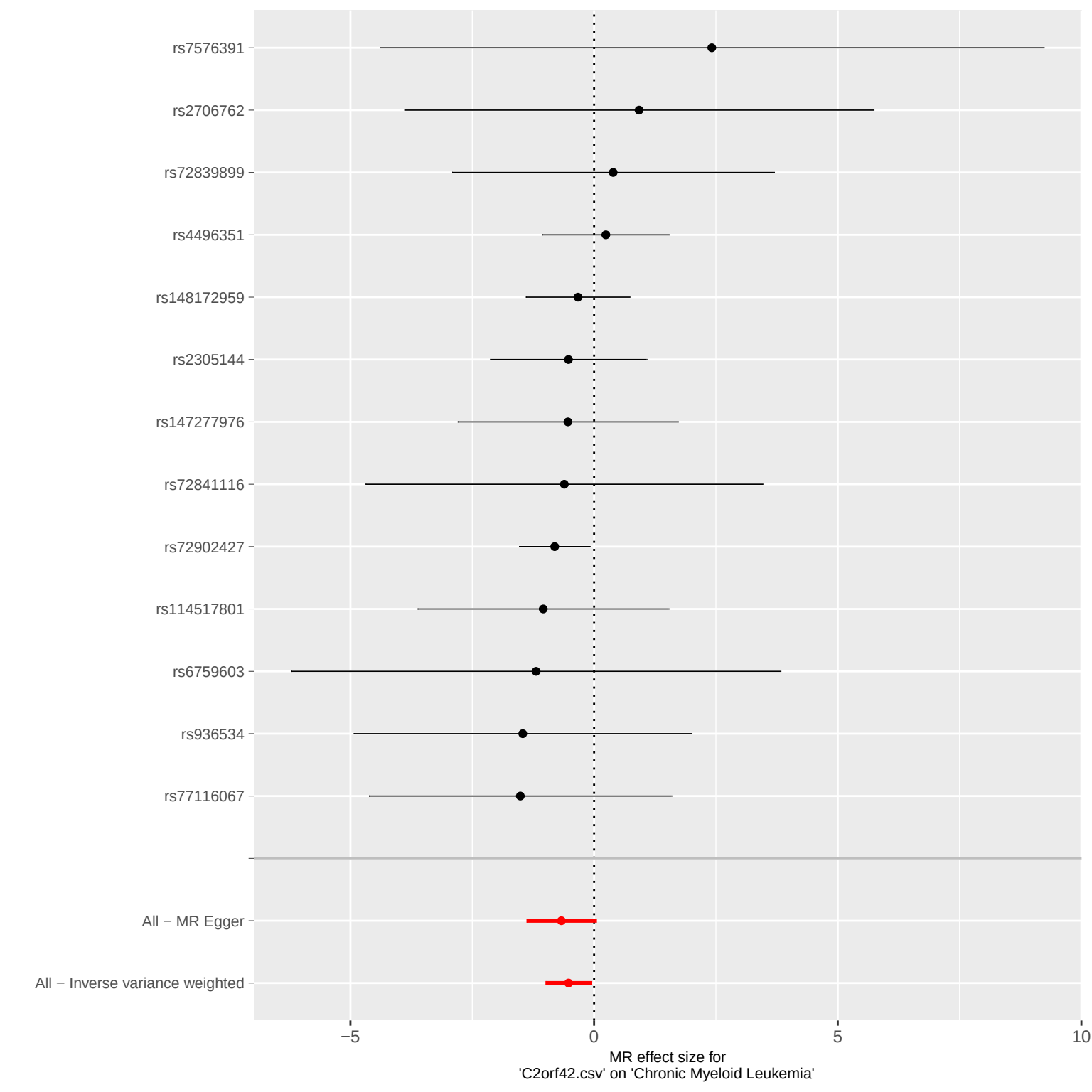
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'C1QTNF6.csv' on 'Chronic Myeloid Leukemia'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rs6759603
rs936534
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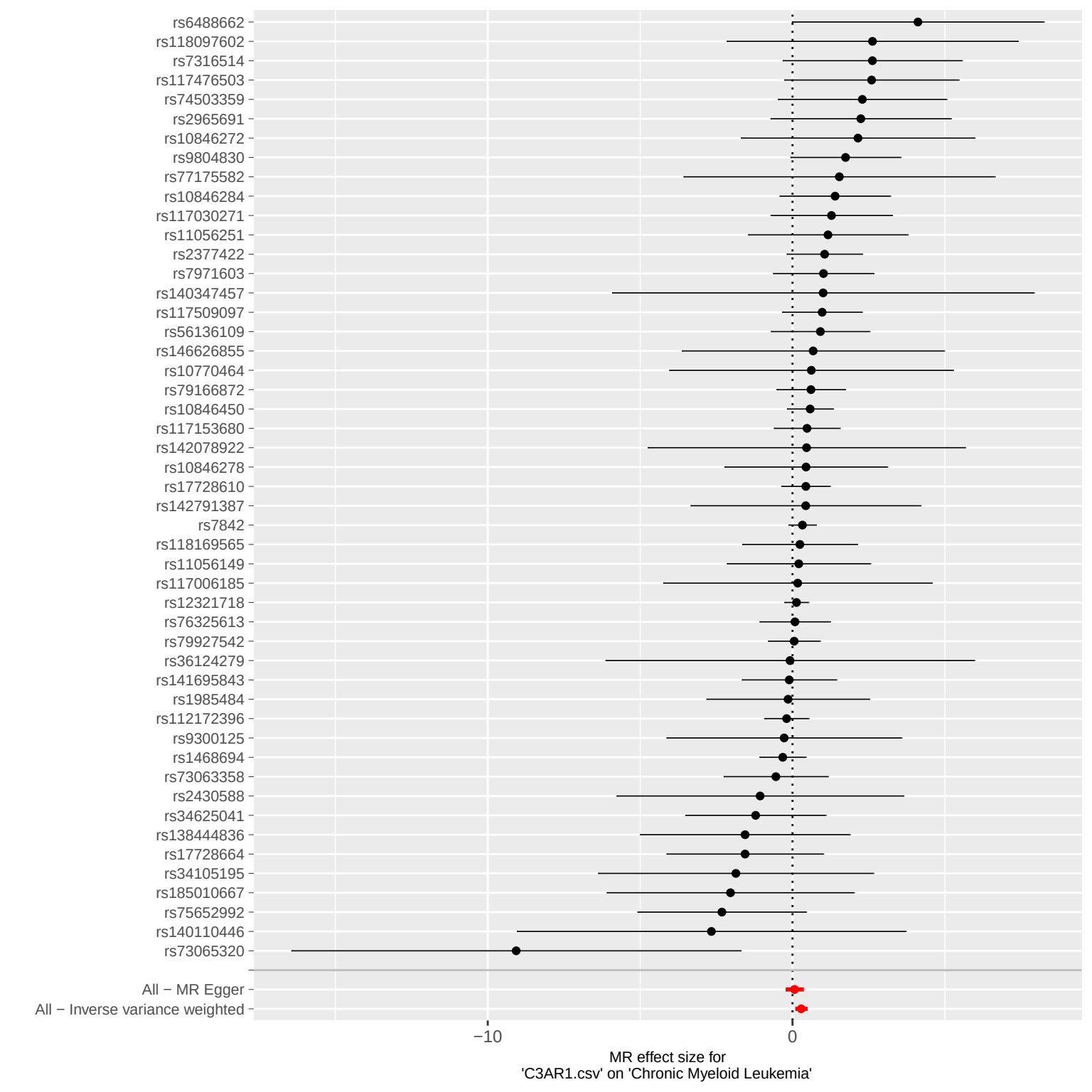
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'C2orf42.csv' on 'Chronic Myeloid Leukemia'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rs73063358
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rs34625041
rs138444836
rs17728664
rs34105195
rs185010667
rs75652992
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All − MR Egger
All − Inverse variance weighted
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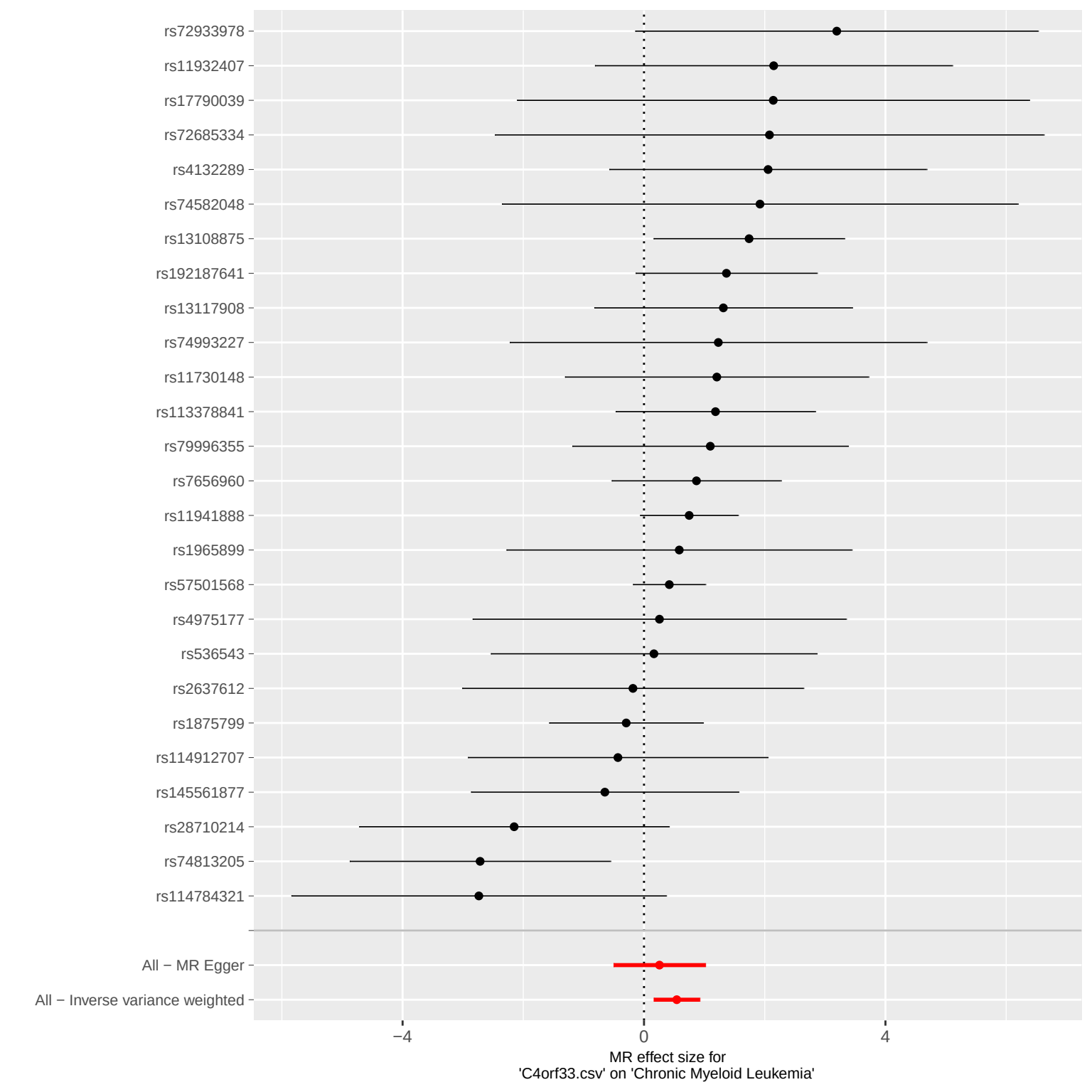
MR effect size for
'C3AR1.csv' on 'Chronic Myeloid Leukemia'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rs57501568
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rs536543
rs2637612
rs1875799
rs114912707
rs145561877
rs28710214
rs74813205
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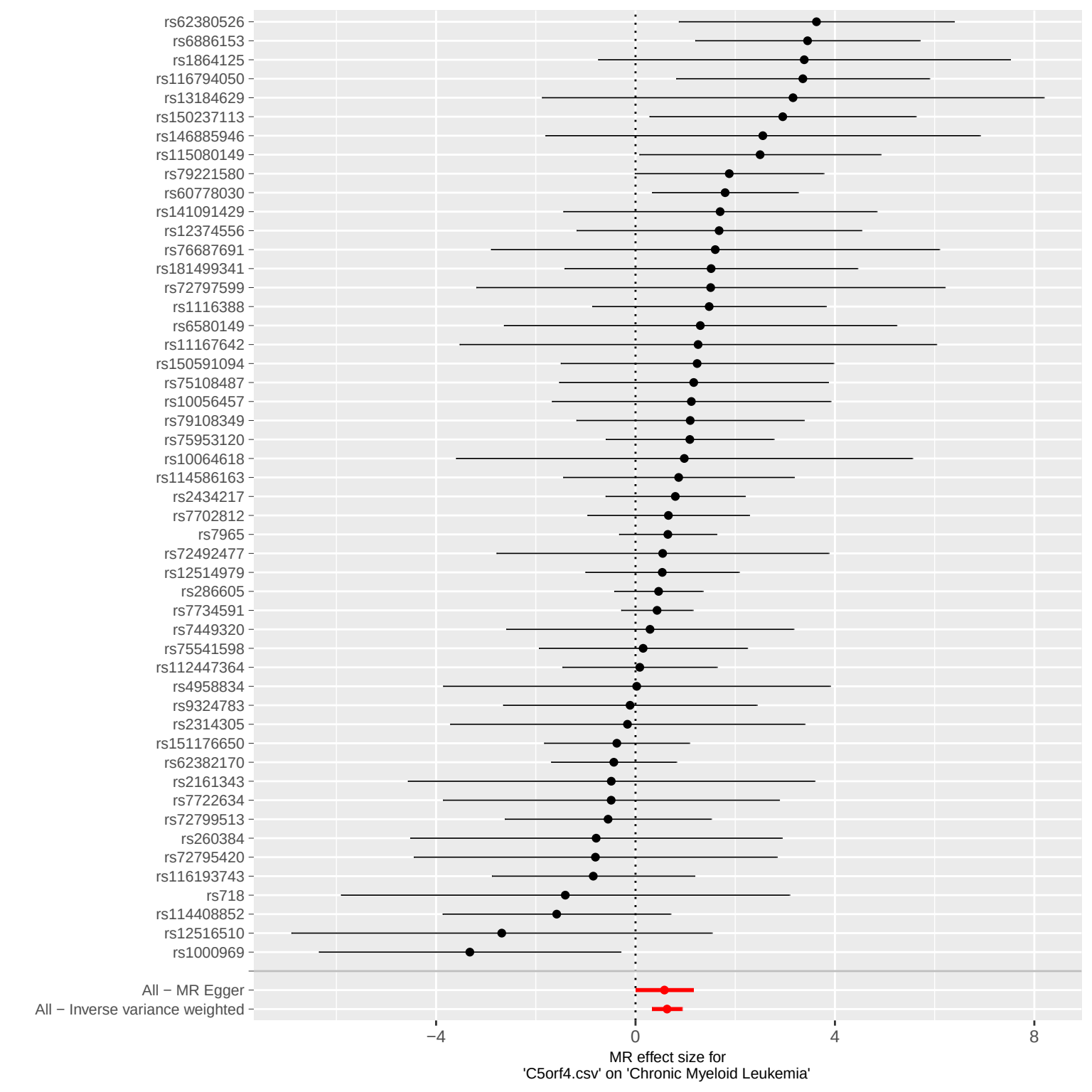
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'C4orf33.csv' on 'Chronic Myeloid Leukemia'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rs2161343
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rs260384
rs72795420
rs116193743
rs718
rs114408852
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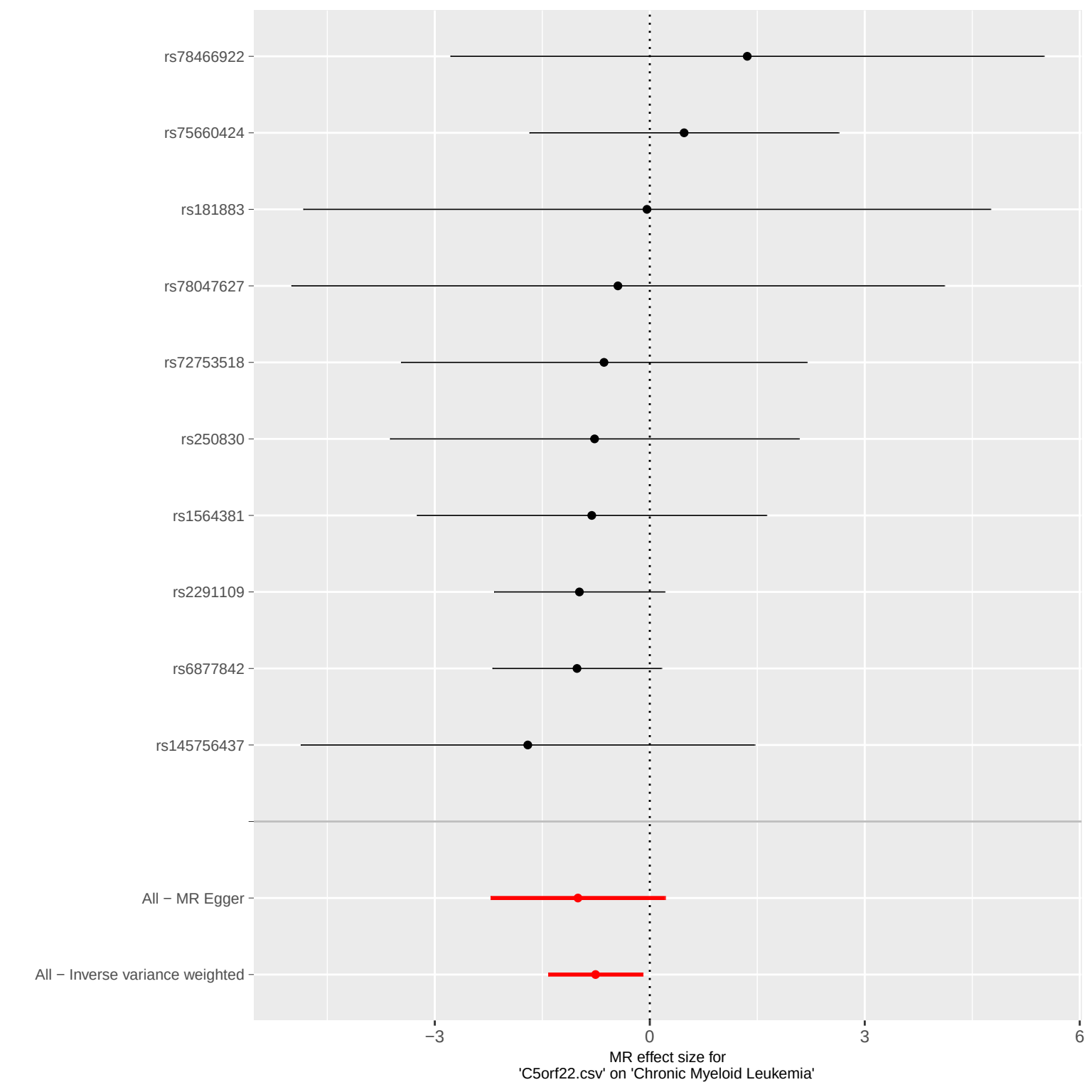
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'C5orf4.csv' on 'Chronic Myeloid Leukemia'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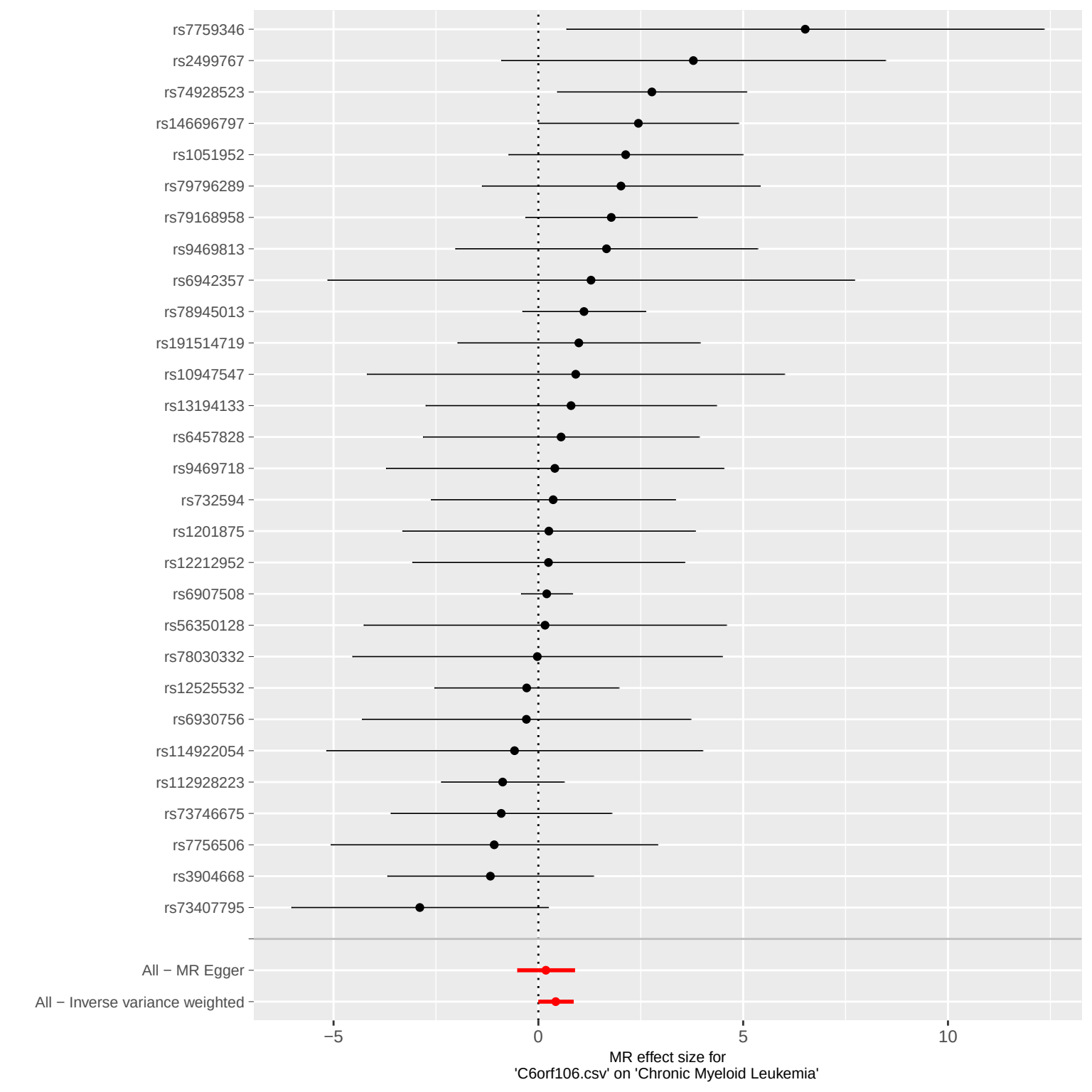
rs2291109
rs6877842
rs145756437
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'C5orf22.csv' on 'Chronic Myeloid Leukemia'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rs73746675
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rs3904668
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All − MR Egger
All − Inverse variance weighted
−5
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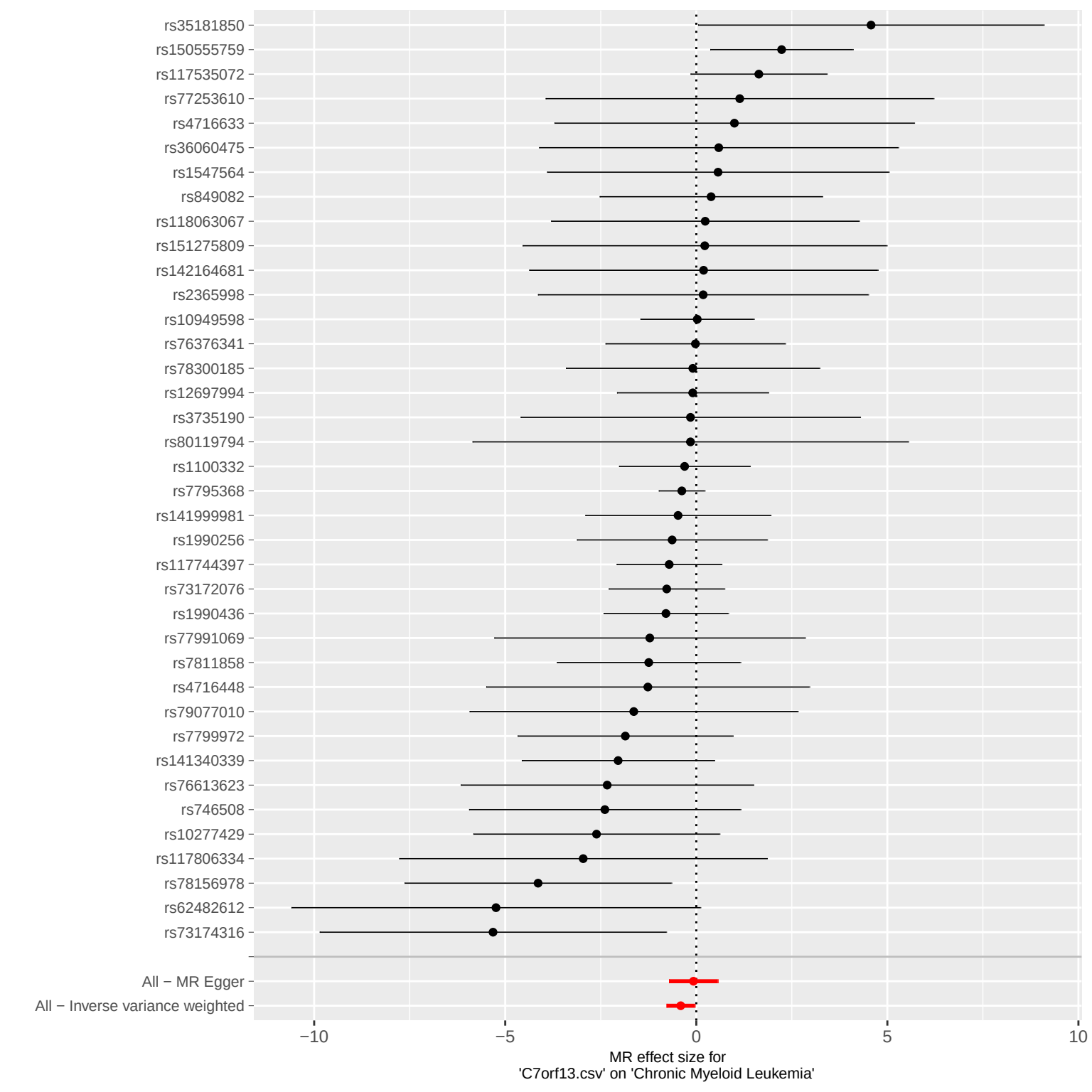
5
10
MR effect size for
'C6orf106.csv' on 'Chronic Myeloid Leukemia'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rs7795368
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rs117744397
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rs7799972
rs141340339
rs76613623
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rs10277429
rs117806334
rs78156978
rs62482612
rs73174316
All − MR Egger
All − Inverse variance weighted
−10
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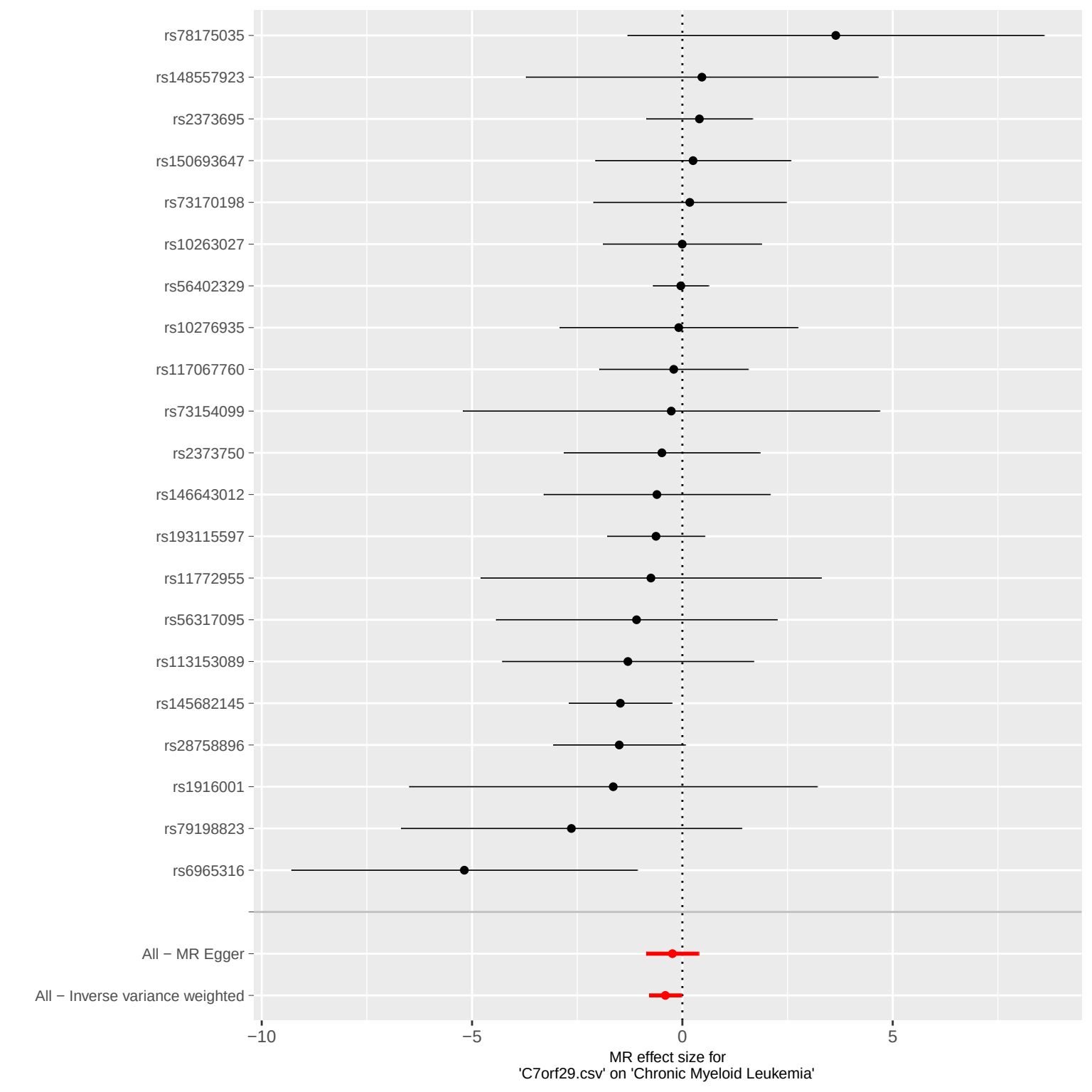
MR effect size for
'C7orf13.csv' on 'Chronic Myeloid Leukemia'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rs146643012
rs193115597
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rs56317095
rs113153089
rs145682145
rs28758896
rs1916001
rs79198823
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All − MR Egger
All − Inverse variance weighted
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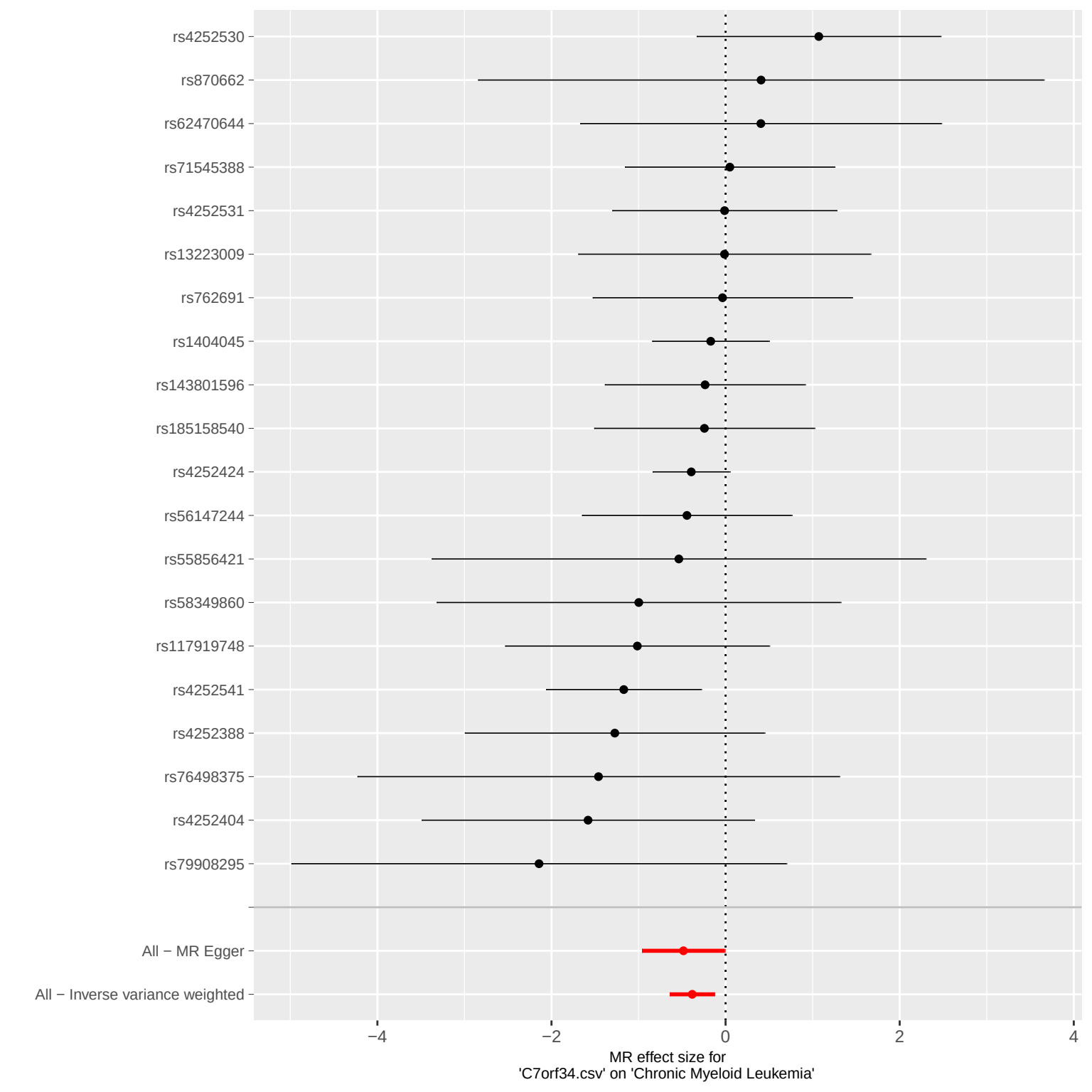
MR effect size for
'C7orf29.csv' on 'Chronic Myeloid Leukemia'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rs58349860
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rs4252541
rs4252388
rs76498375
rs4252404
rs79908295
All − MR Egger
All − Inverse variance weighted
−4
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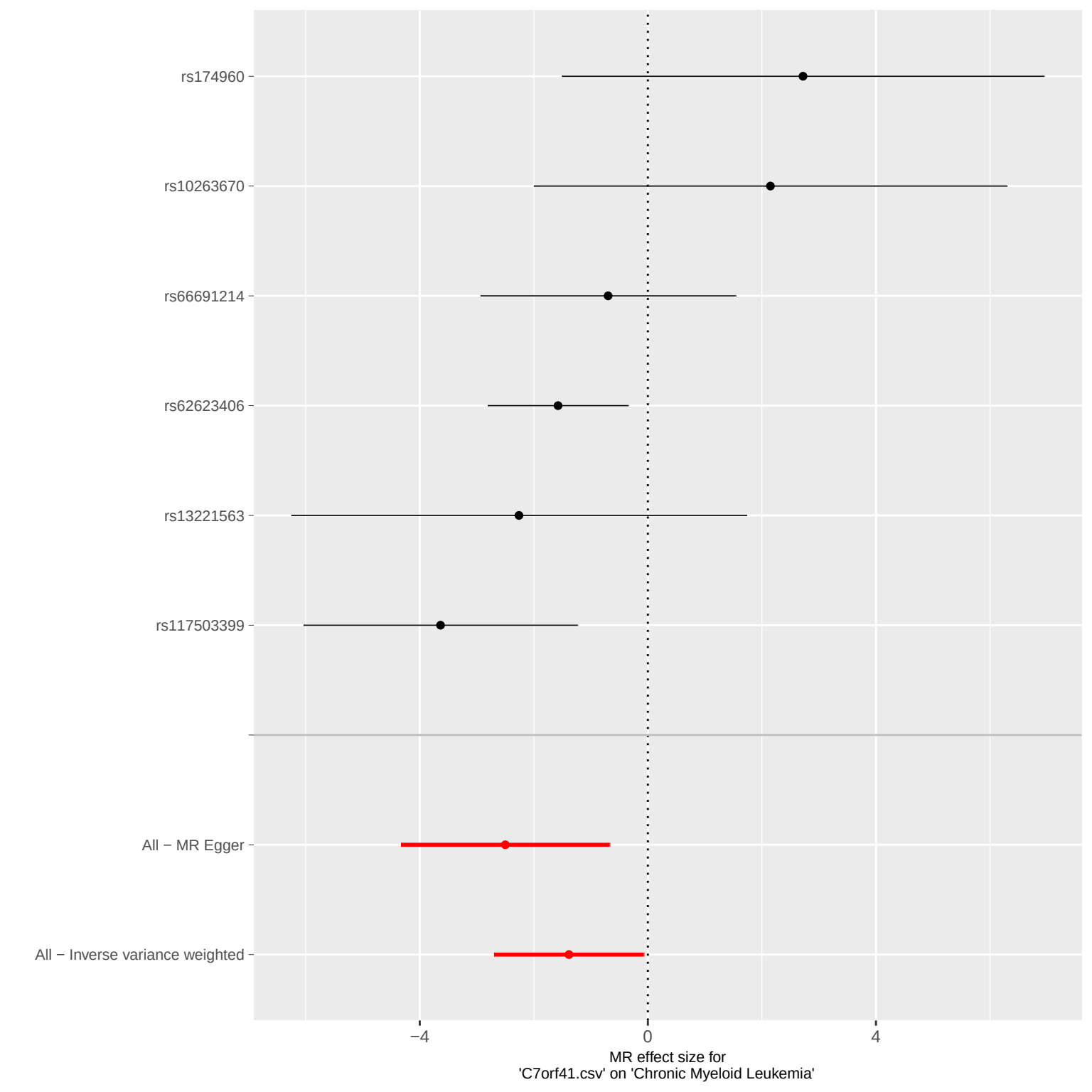
2
4
MR effect size for
'C7orf34.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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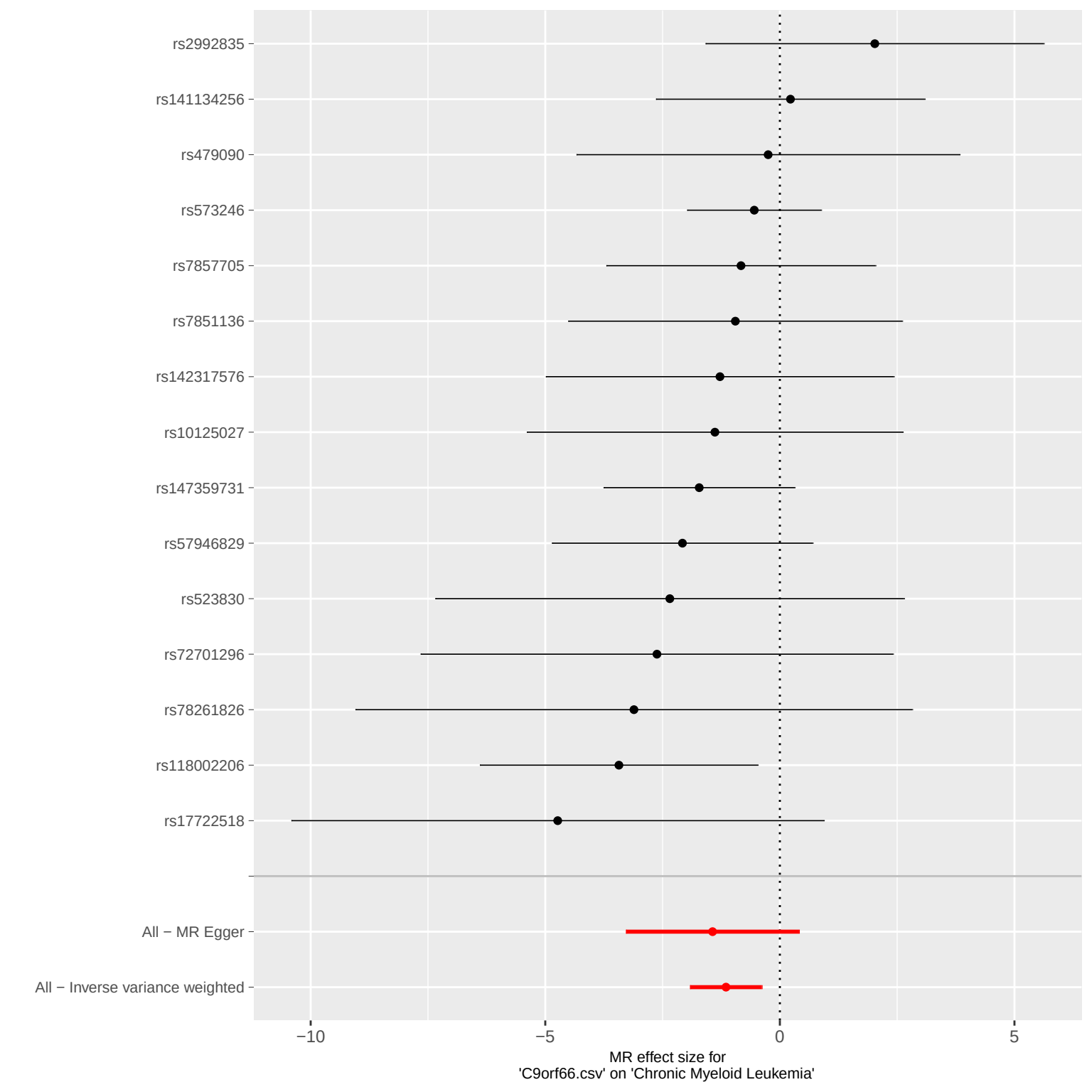
MR effect size for
'C7orf41.csv' on 'Chronic Myeloid Leukemia'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rs72701296
rs78261826
rs118002206
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All − MR Egger
All − Inverse variance weighted
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−5
0
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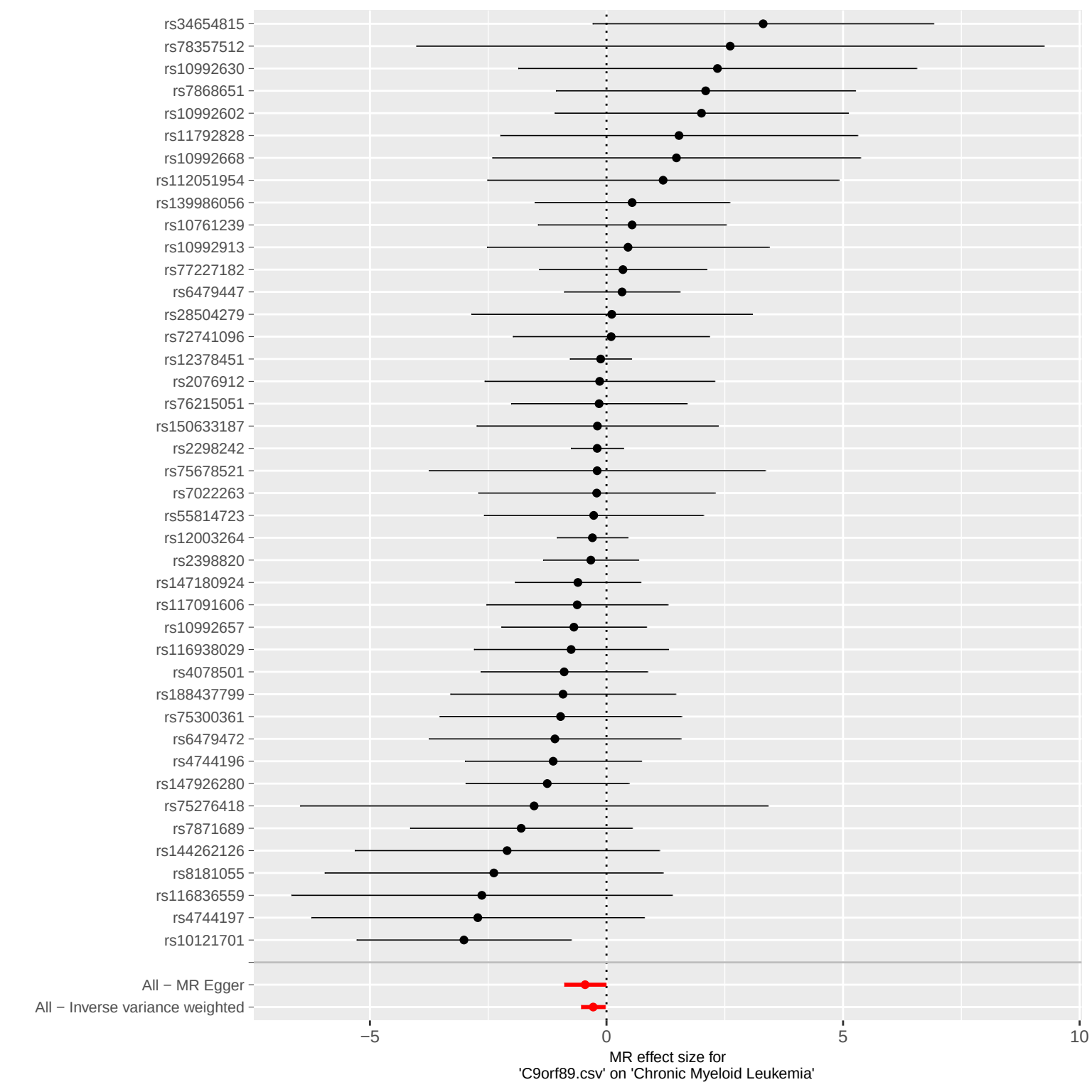
MR effect size for
'C9orf66.csv' on 'Chronic Myeloid Leukemia'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rs150633187
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rs116938029
rs4078501
rs188437799
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rs4744196
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rs8181055
rs116836559
rs4744197
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All − MR Egger
All − Inverse variance weighted
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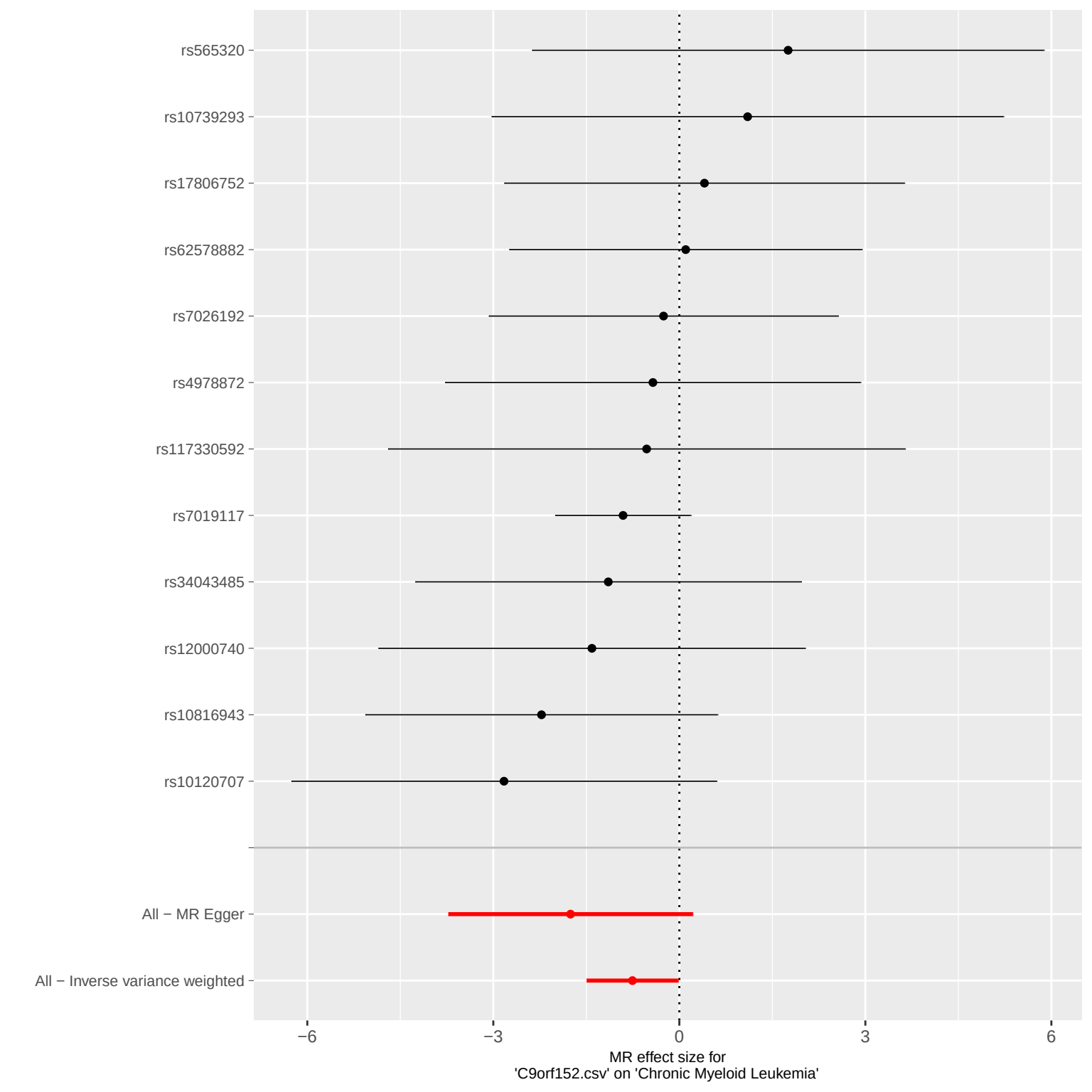
MR effect size for
'C9orf89.csv' on 'Chronic Myeloid Leukemia'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rs10816943
rs10120707
All − MR Egger
All − Inverse variance weighted
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3
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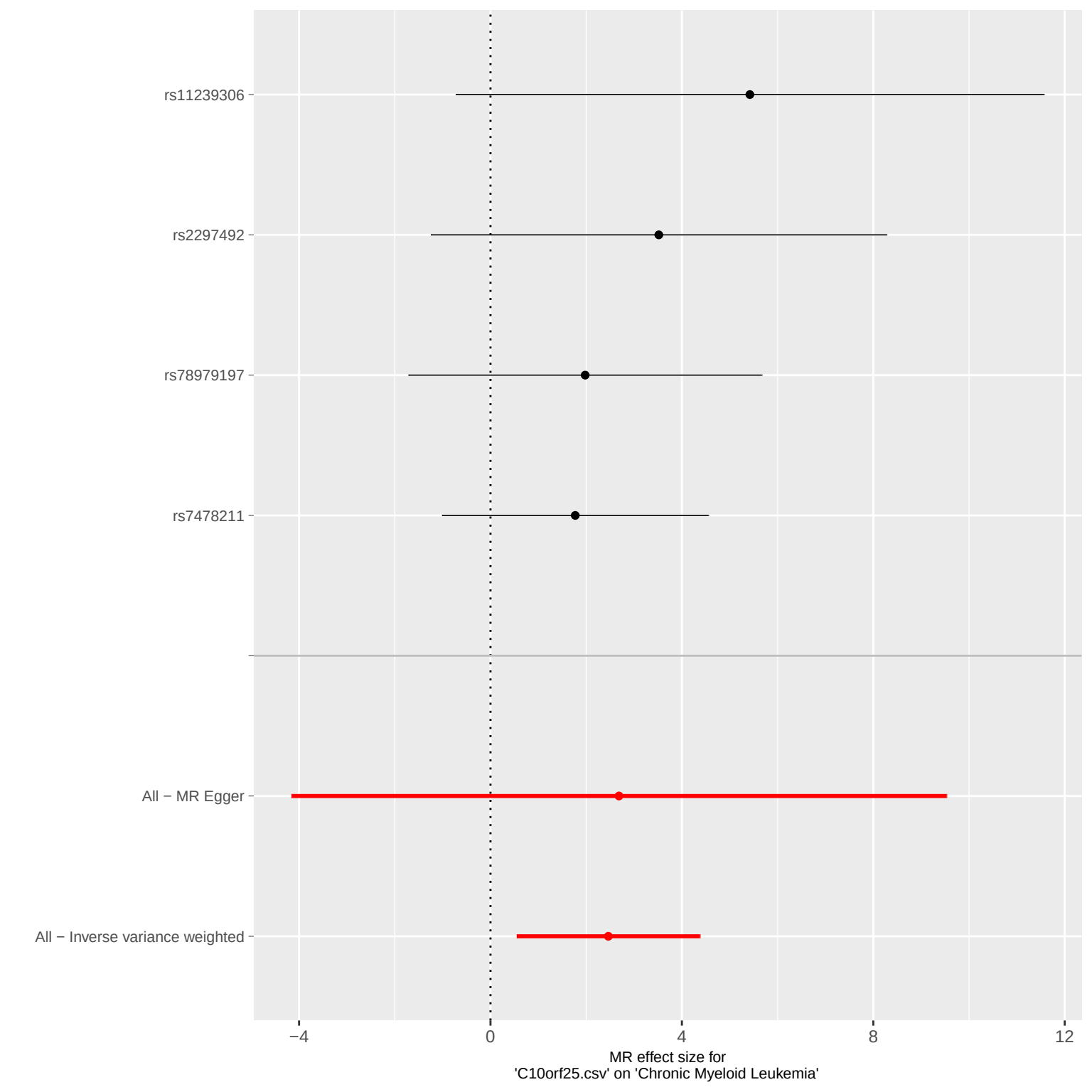
MR effect size for
'C9orf152.csv' on 'Chronic Myeloid Leukemia'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rs7478211
All − MR Egger
All − Inverse variance weighted
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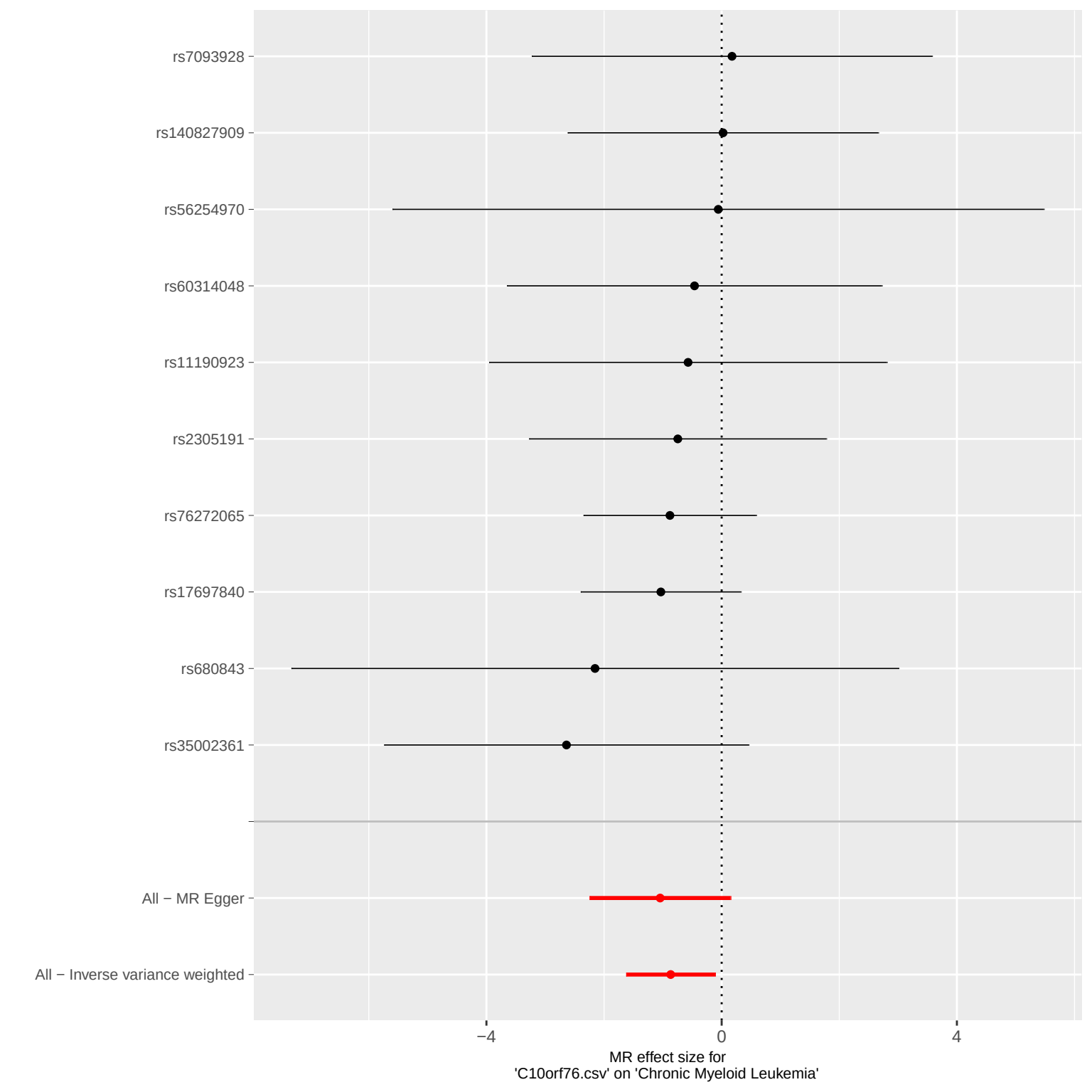
MR effect size for
'C10orf25.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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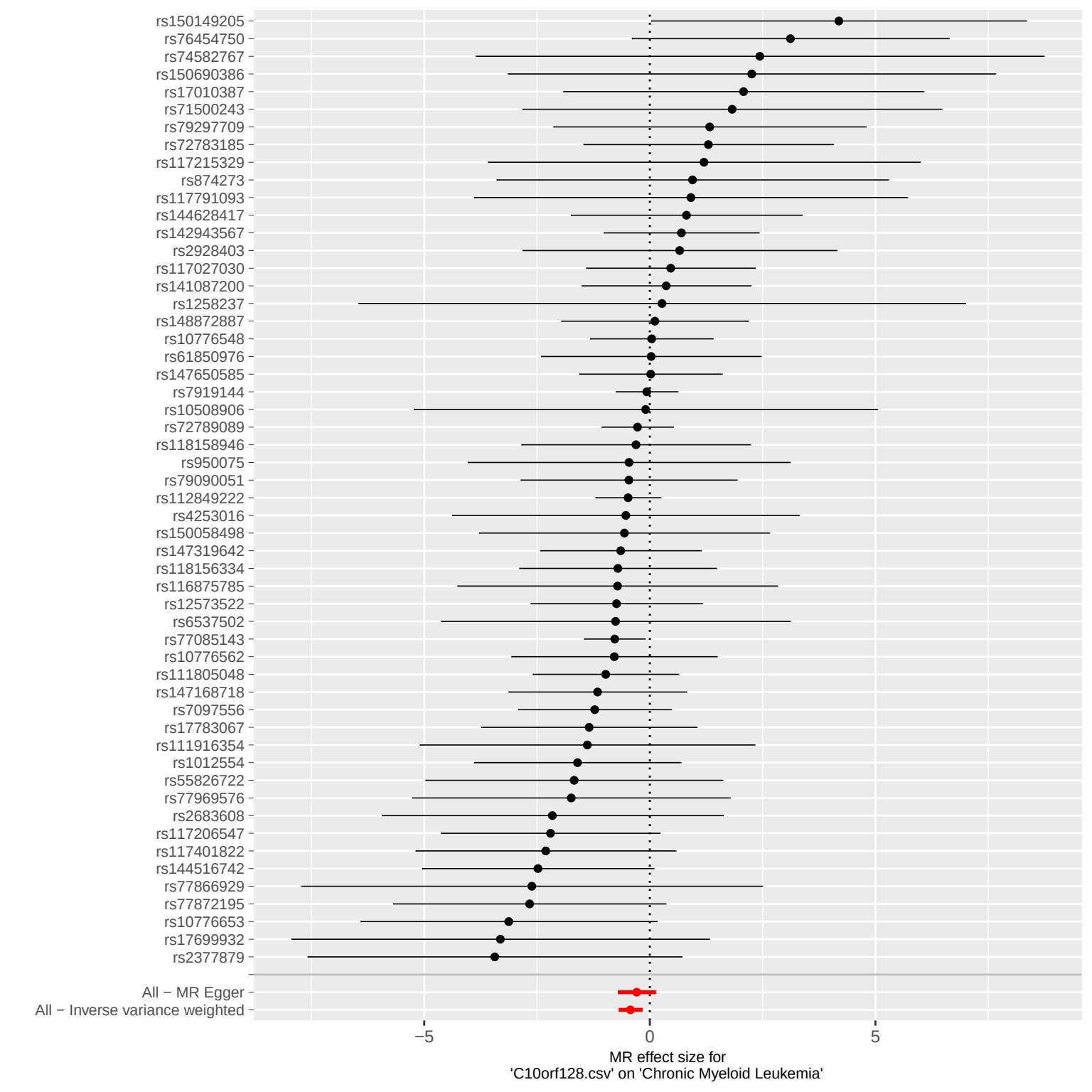
MR effect size for
'C10orf76.csv' on 'Chronic Myeloid Leukemia'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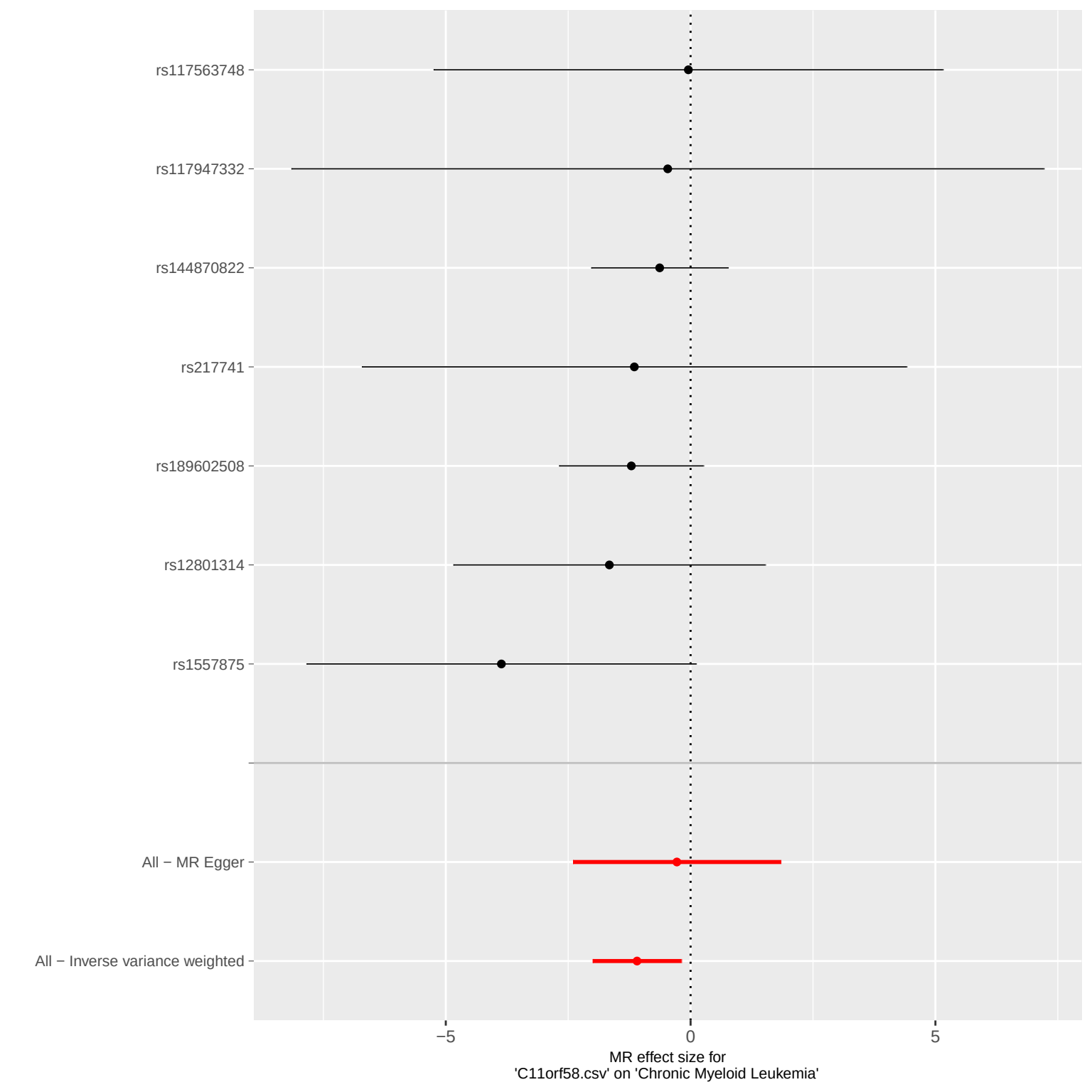
MR effect size for
'C10orf128.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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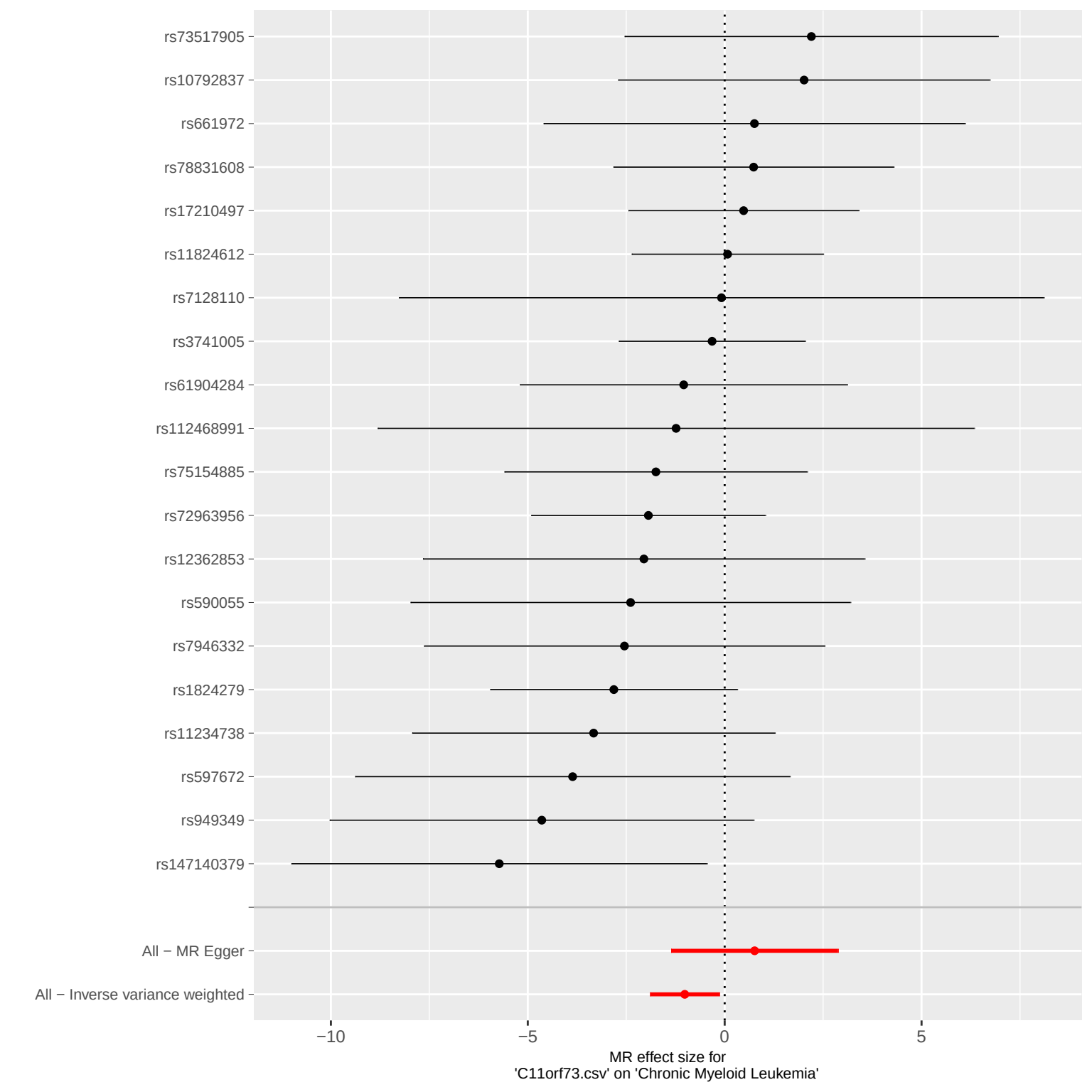
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All − Inverse variance weighted
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−5
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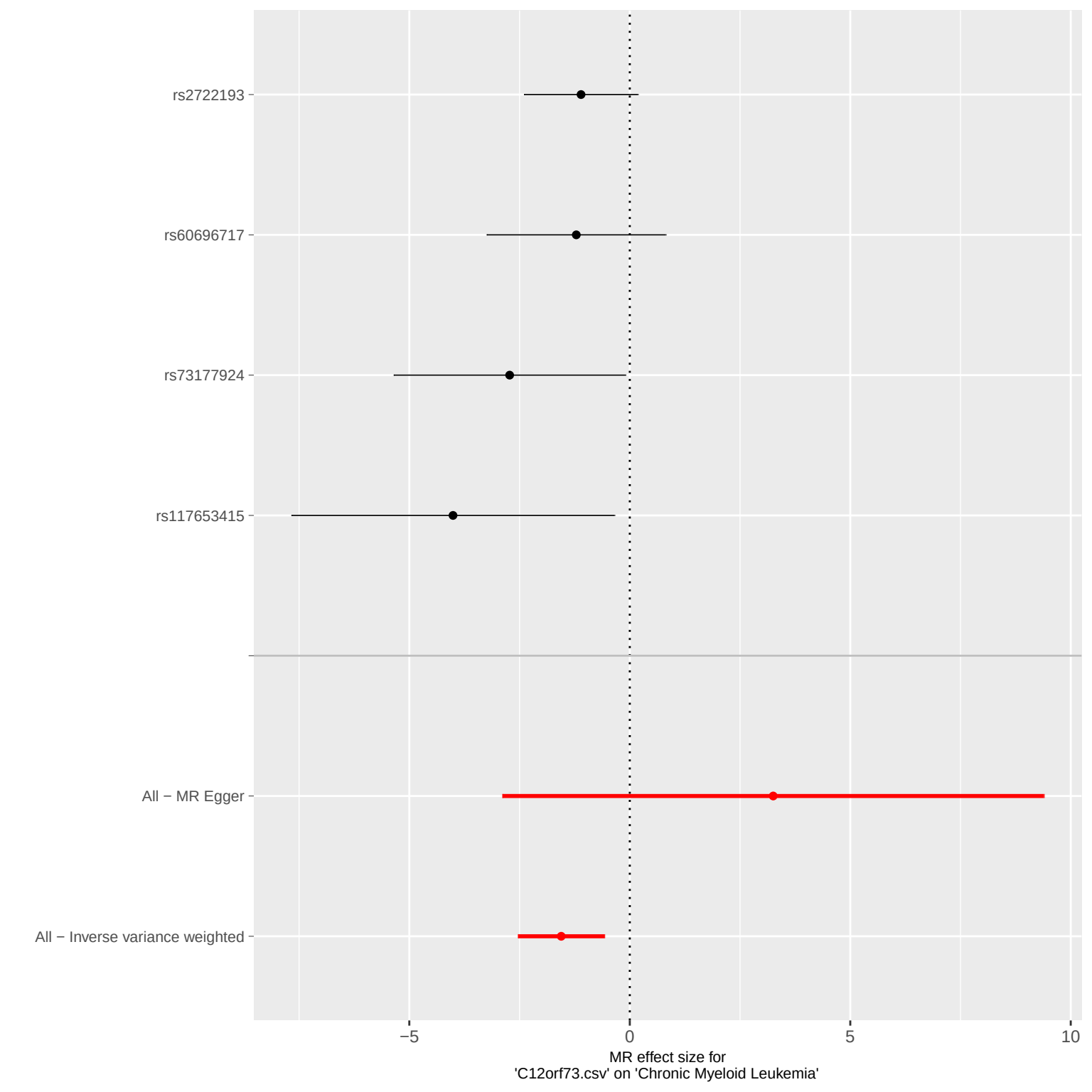
MR effect size for
'C11orf73.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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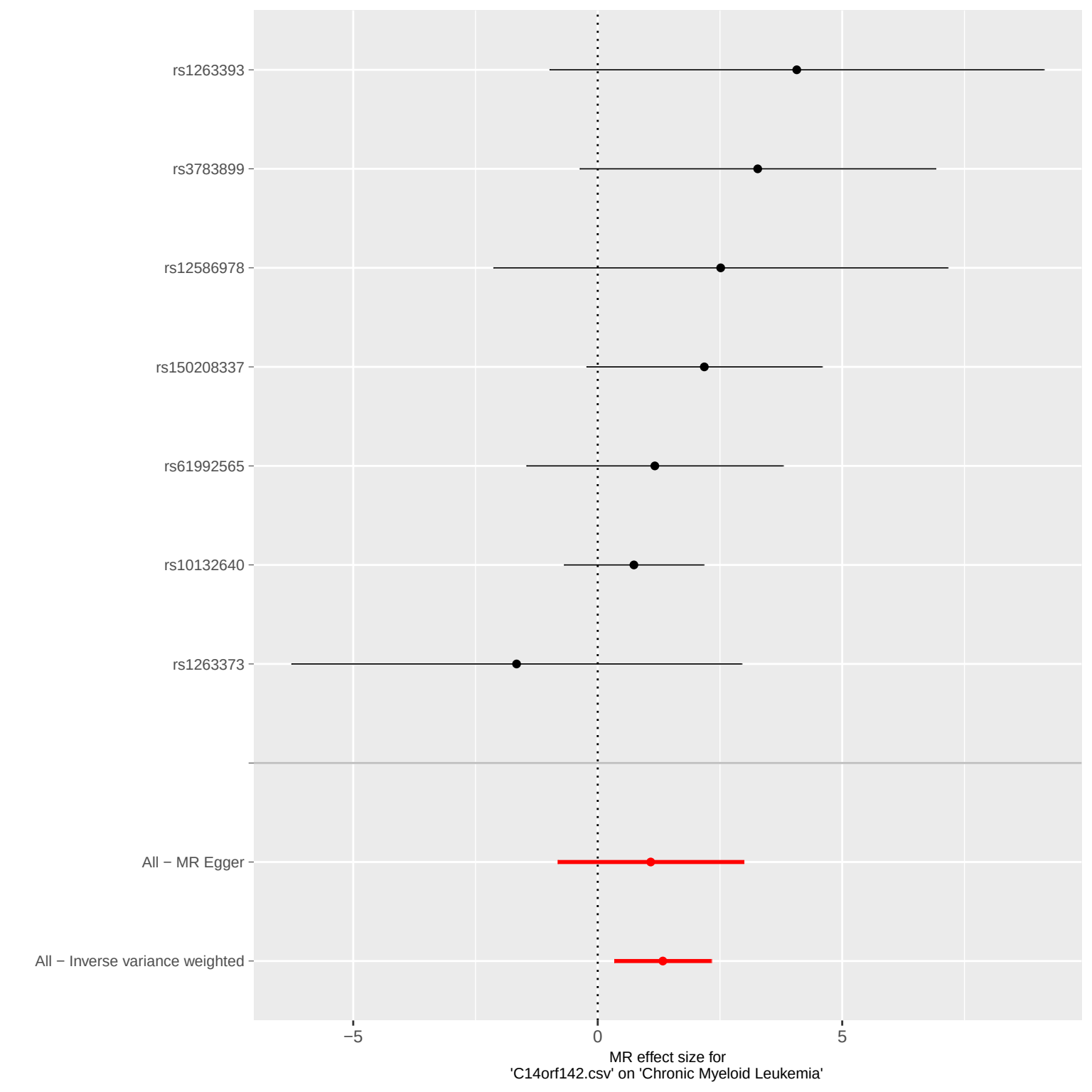
MR effect size for
'C12orf73.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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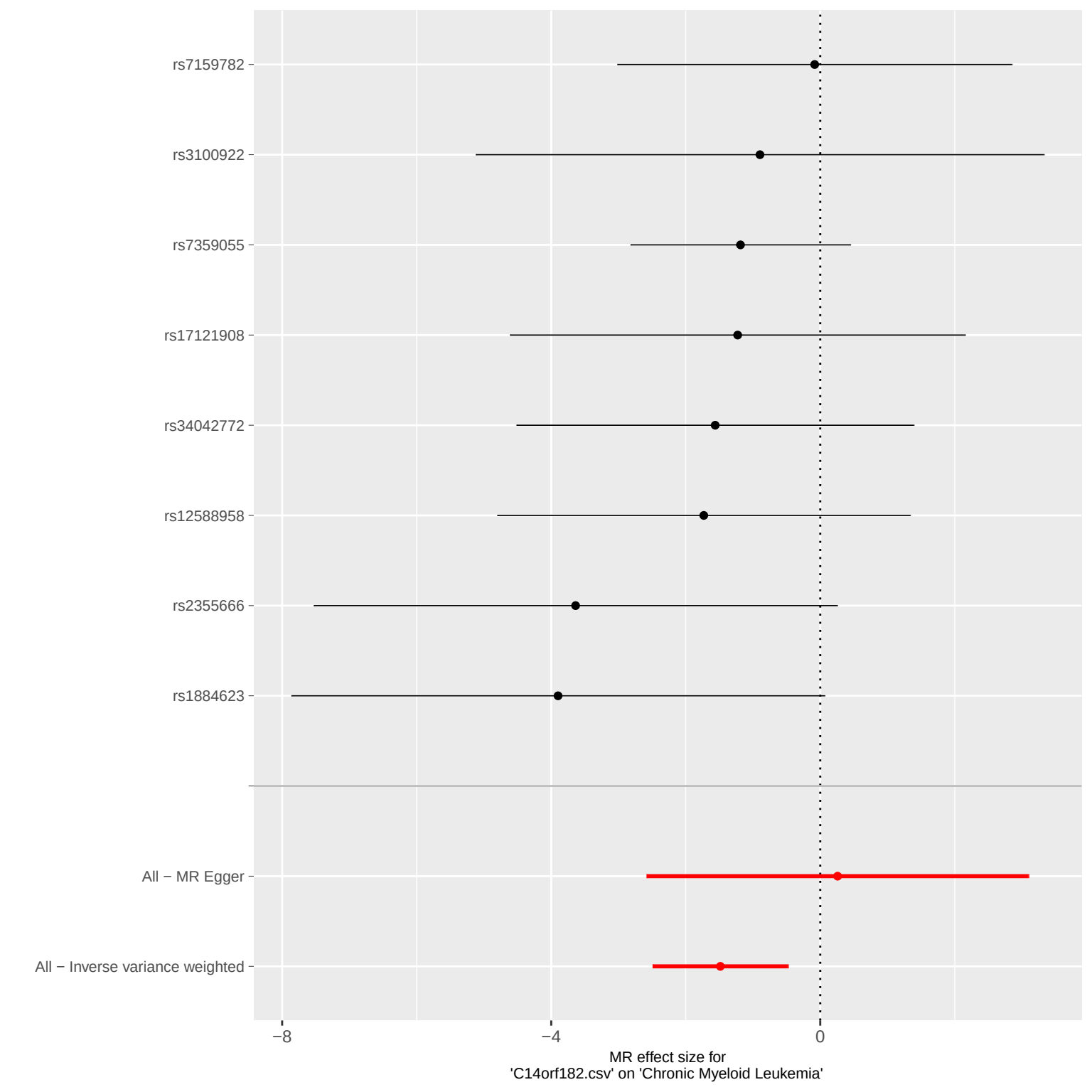
5
MR effect size for
'C14orf142.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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−4
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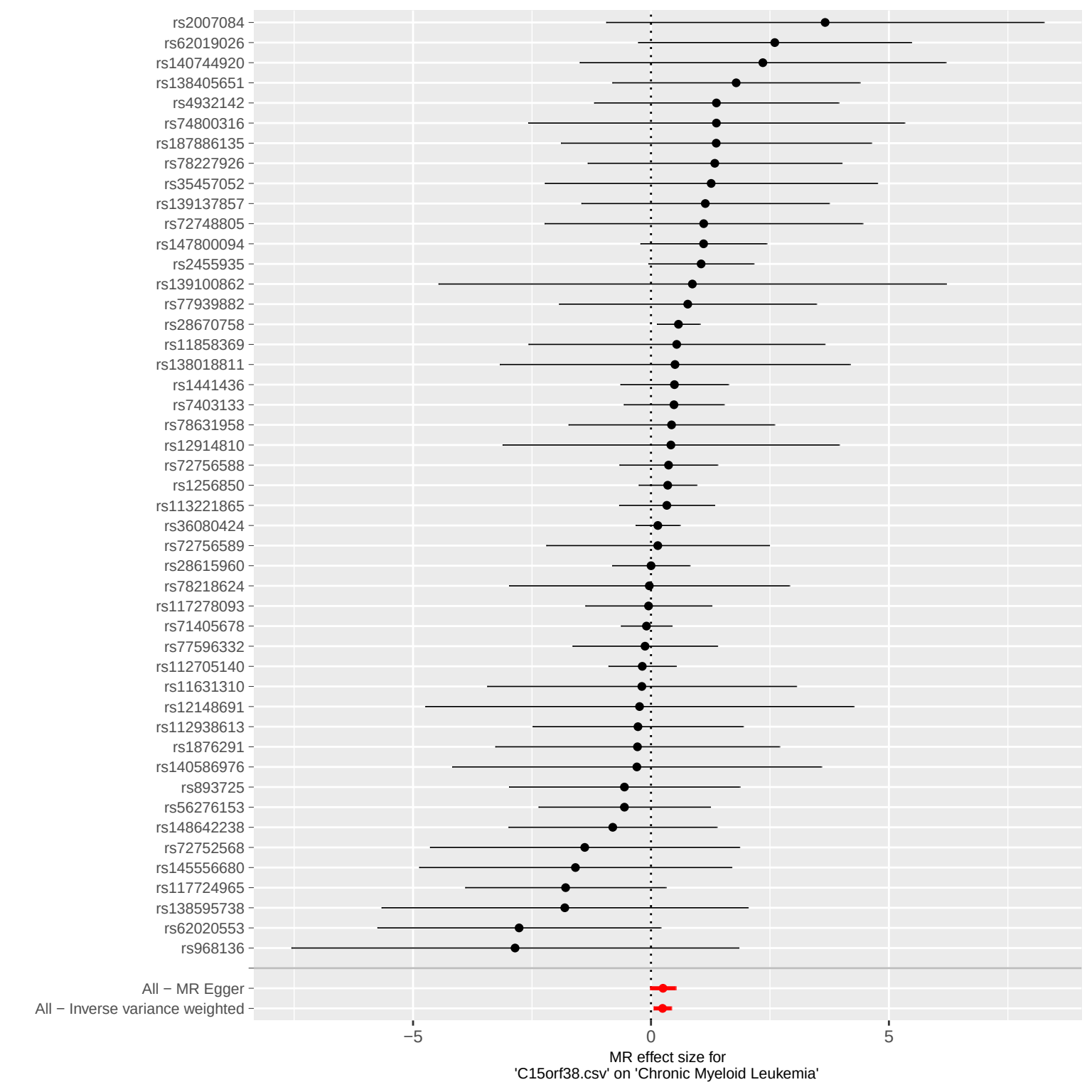
MR effect size for
'C14orf182.csv' on 'Chronic Myeloid Leukemia'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rs72752568
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All − Inverse variance weighted
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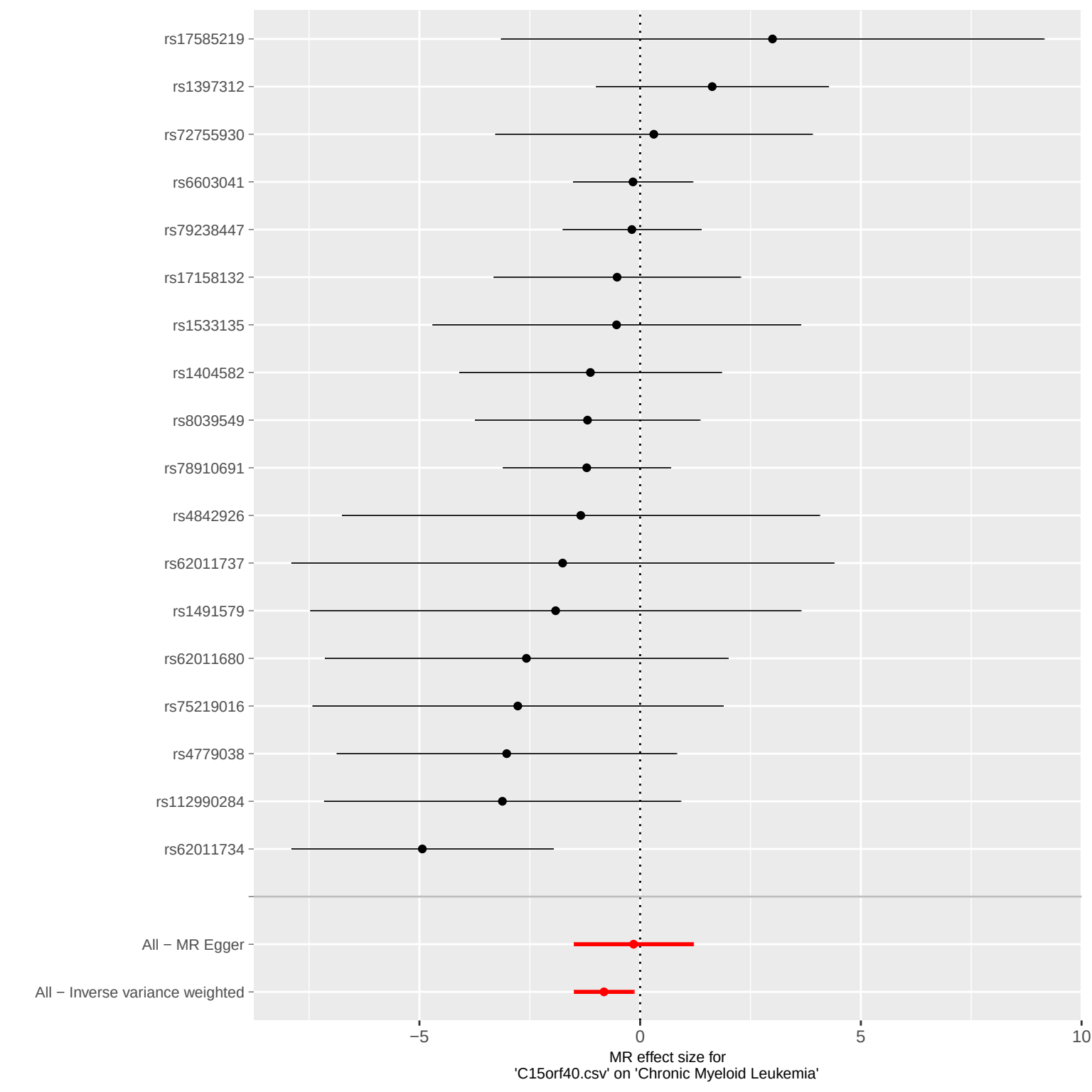
5
MR effect size for
'C15orf38.csv' on 'Chronic Myeloid Leukemia'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rs62011680
rs75219016
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All − MR Egger
All − Inverse variance weighted
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0
5
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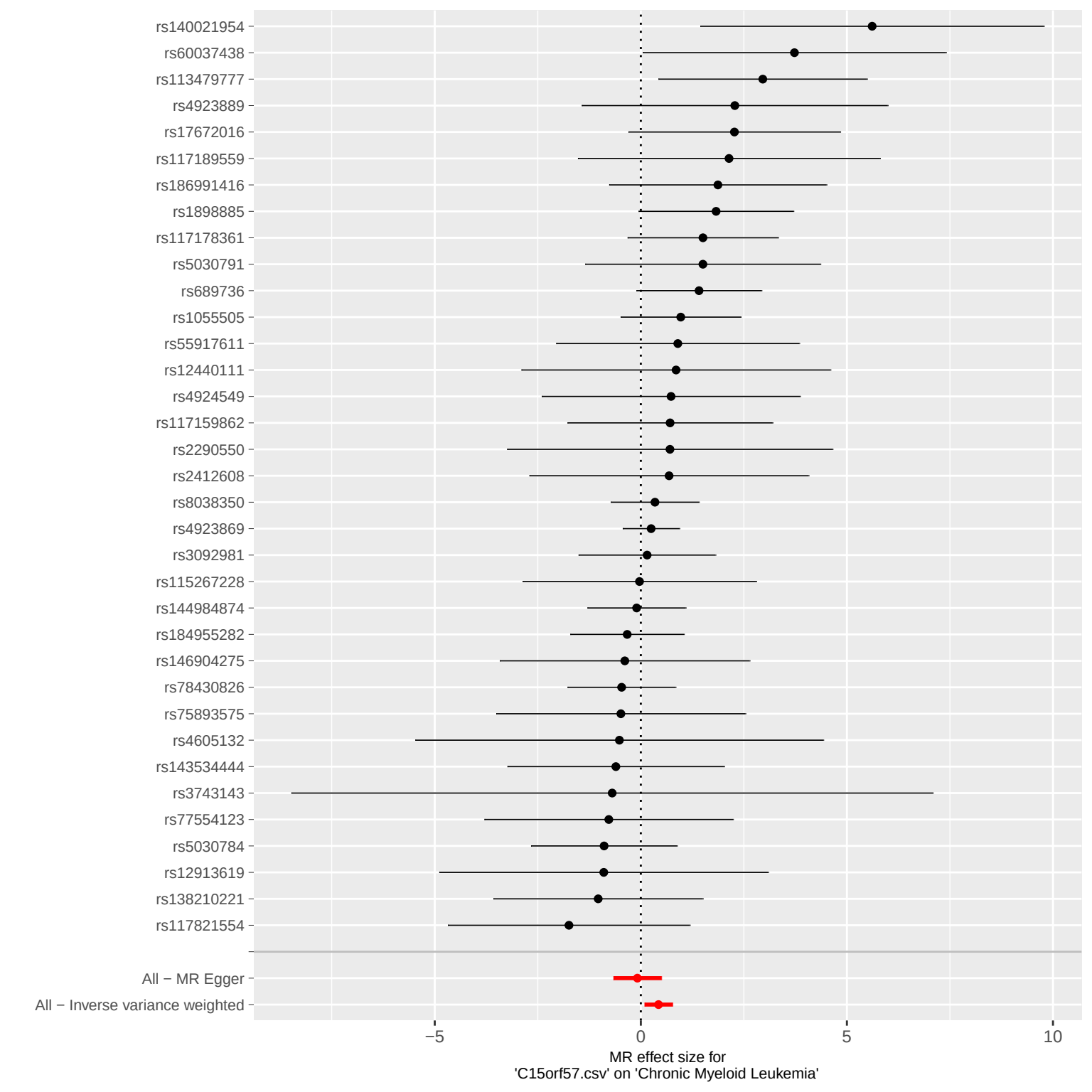
MR effect size for
'C15orf40.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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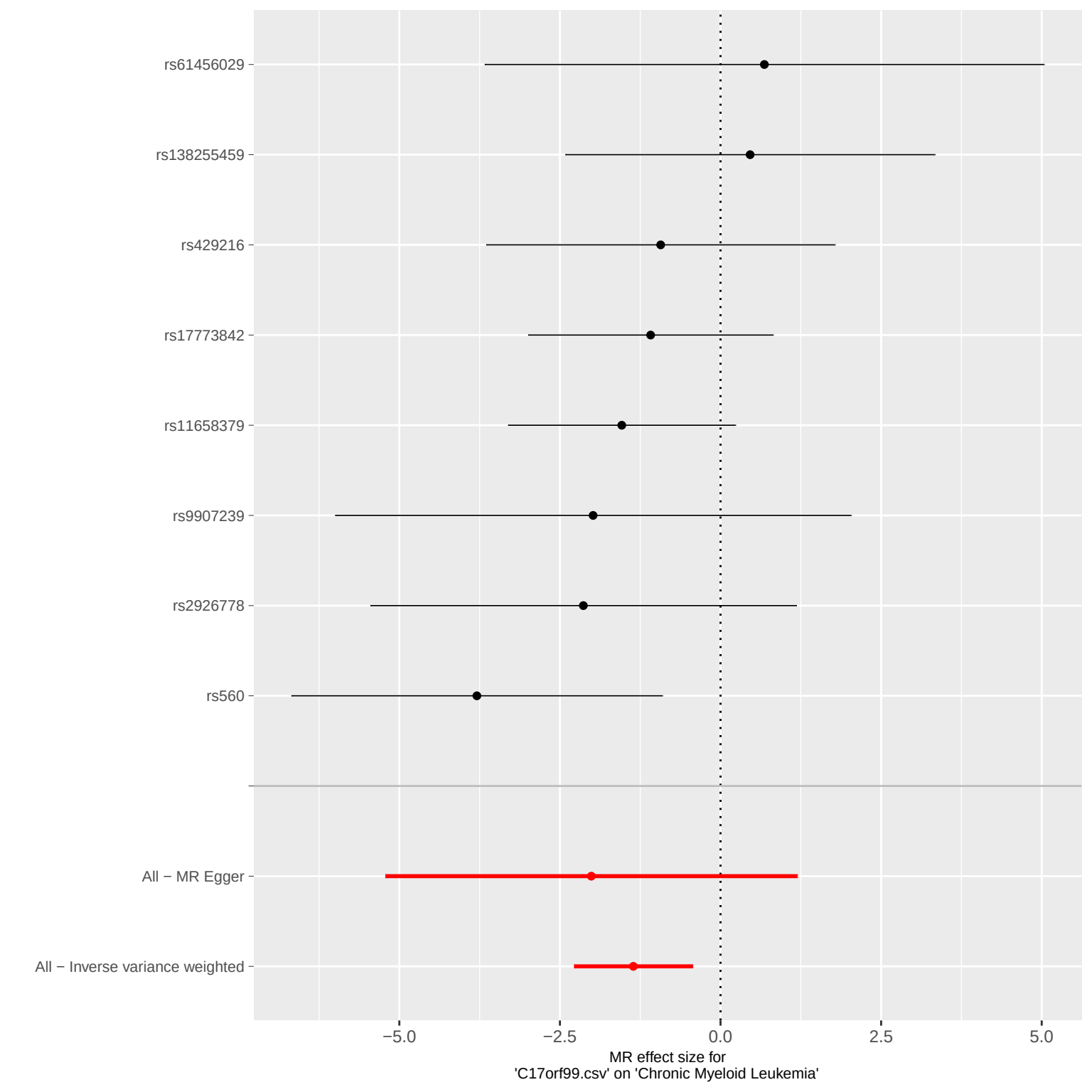
MR effect size for
'C15orf57.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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2.5
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MR effect size for
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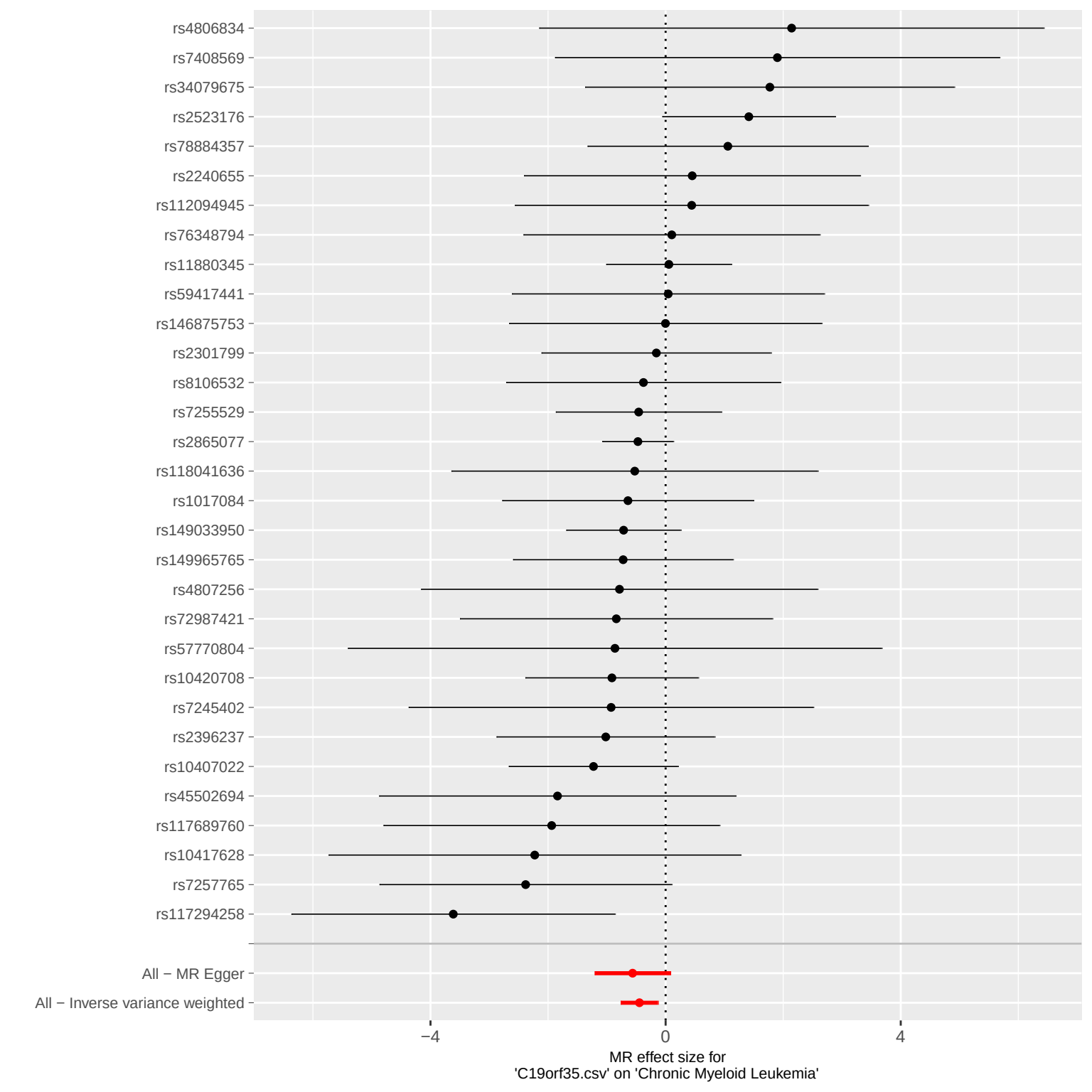
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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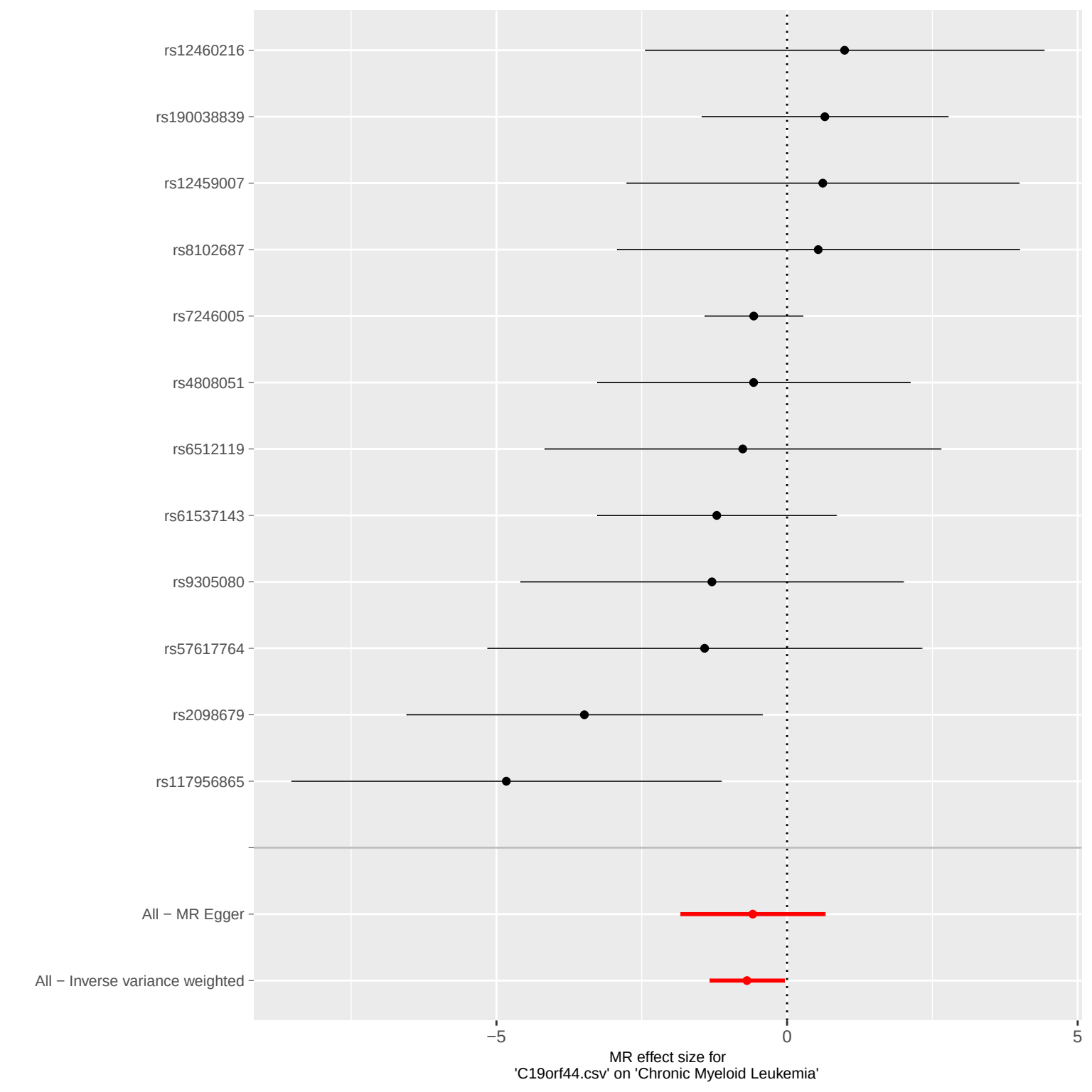
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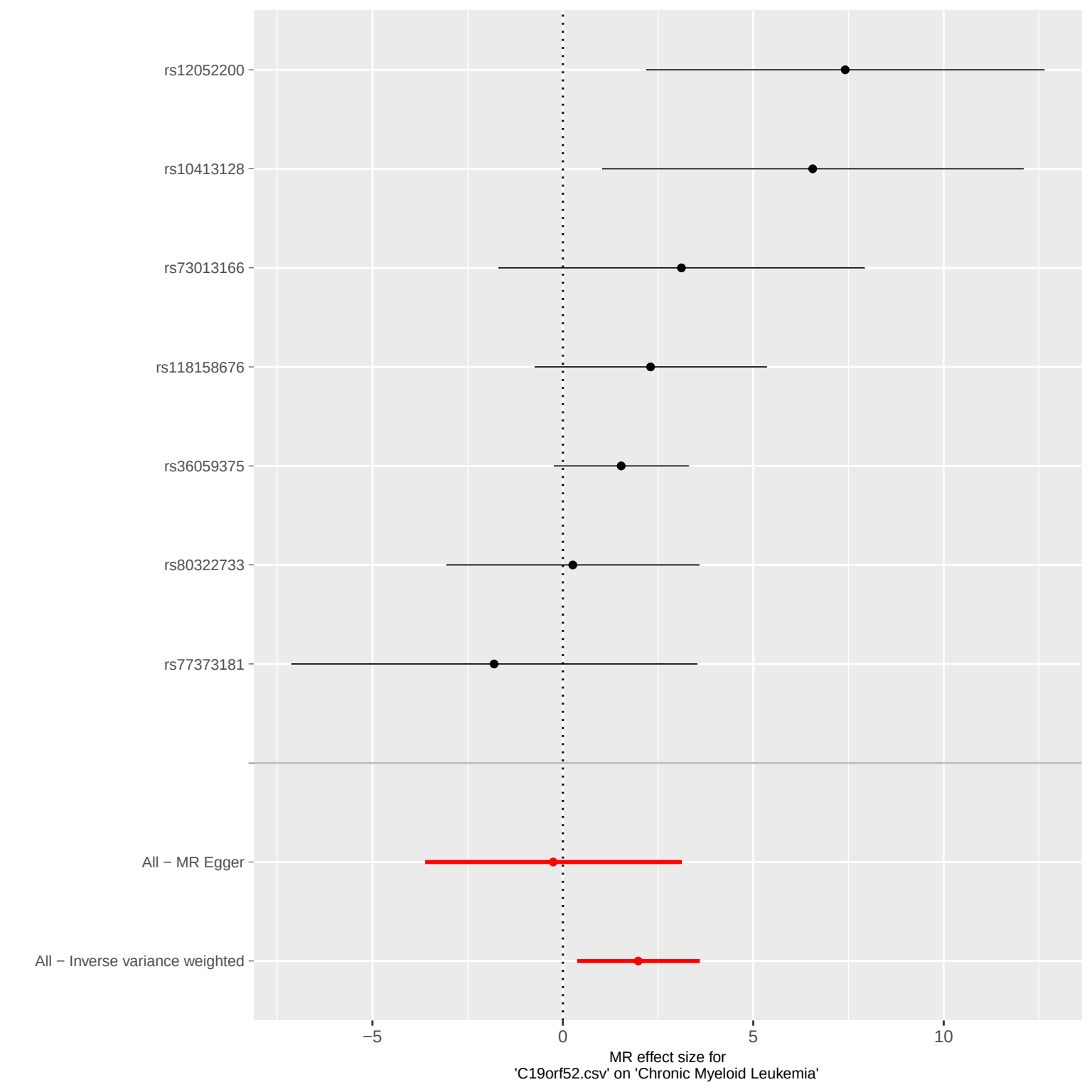
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'C19orf44.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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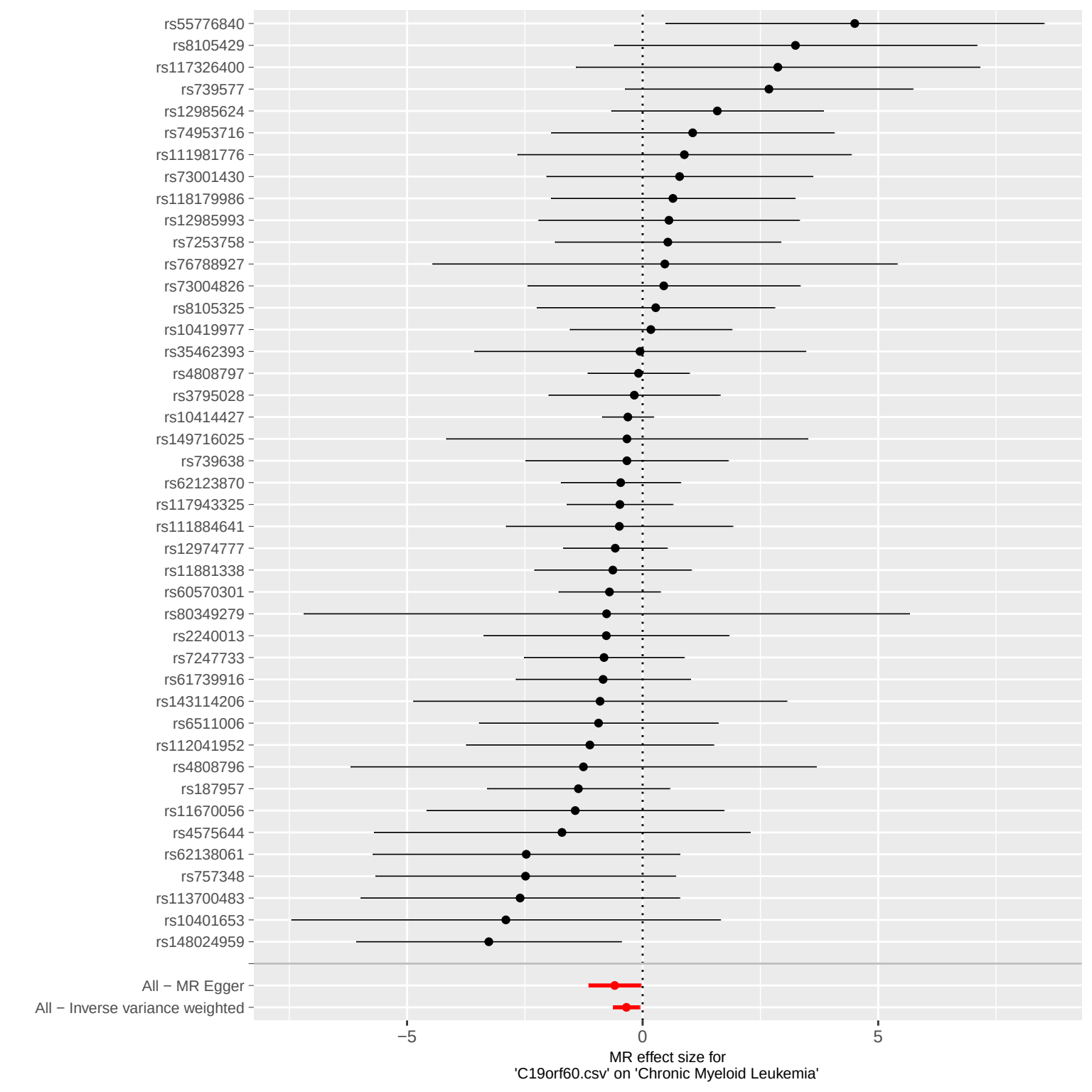
MR effect size for
'C19orf52.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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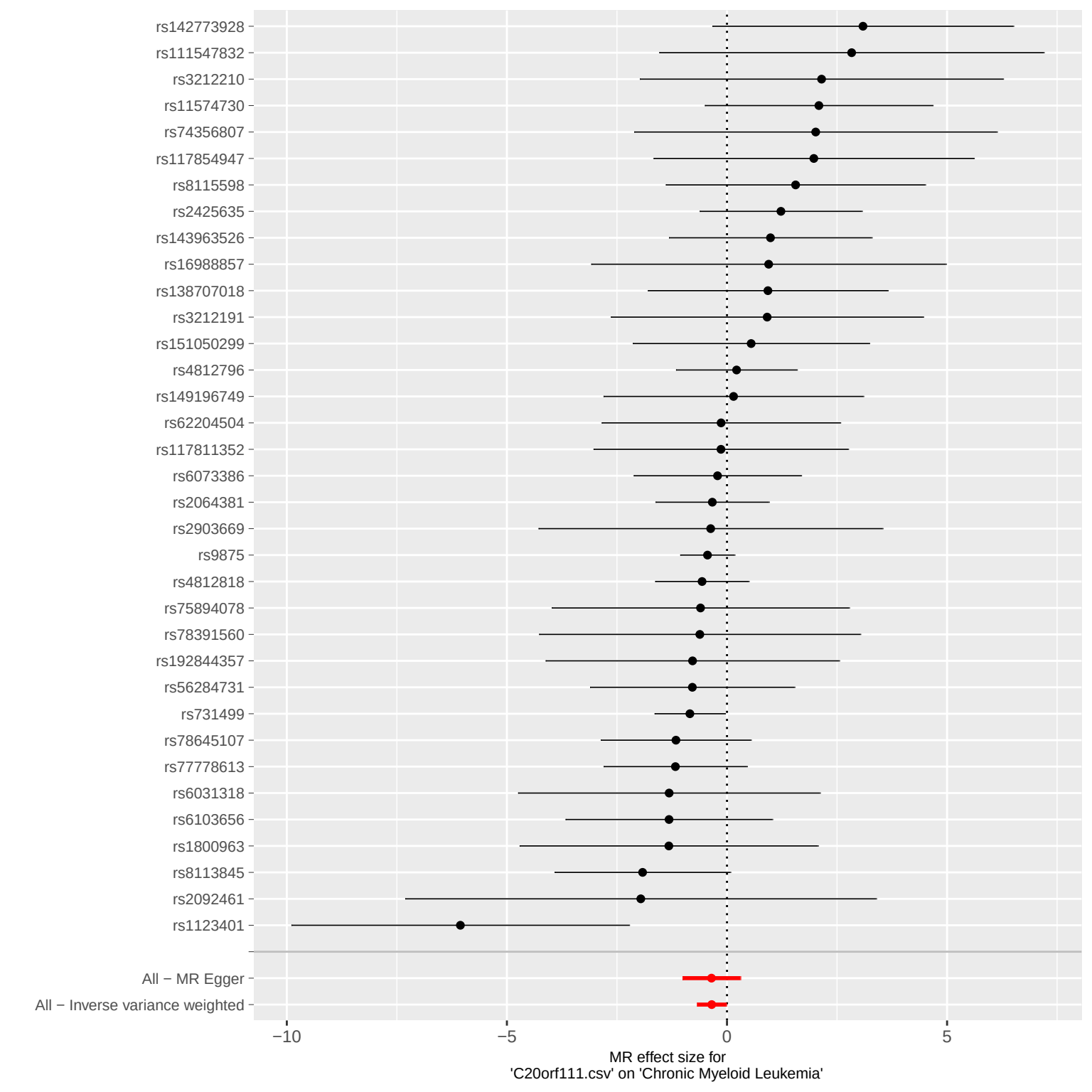
MR effect size for
'C19orf60.csv' on 'Chronic Myeloid Leukemia'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rs6103656
rs1800963
rs8113845
rs2092461
rs1123401
All − MR Egger
All − Inverse variance weighted
−10
−5
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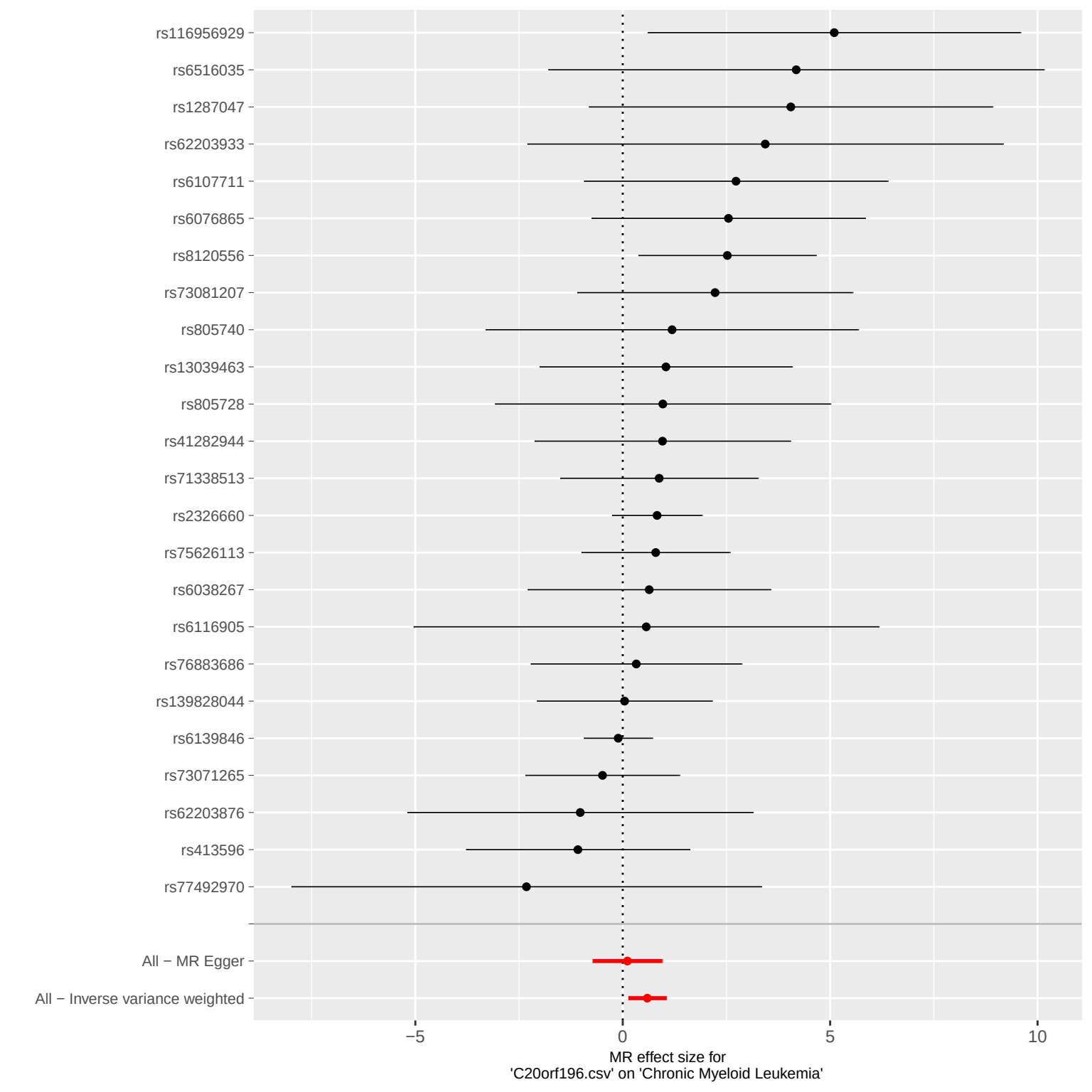
5
MR effect size for
'C20orf111.csv' on 'Chronic Myeloid Leukemia'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rs71338513
rs2326660
rs75626113
rs6038267
rs6116905
rs76883686
rs139828044
rs6139846
rs73071265
rs62203876
rs413596
rs77492970
All − MR Egger
All − Inverse variance weighted
−5
0
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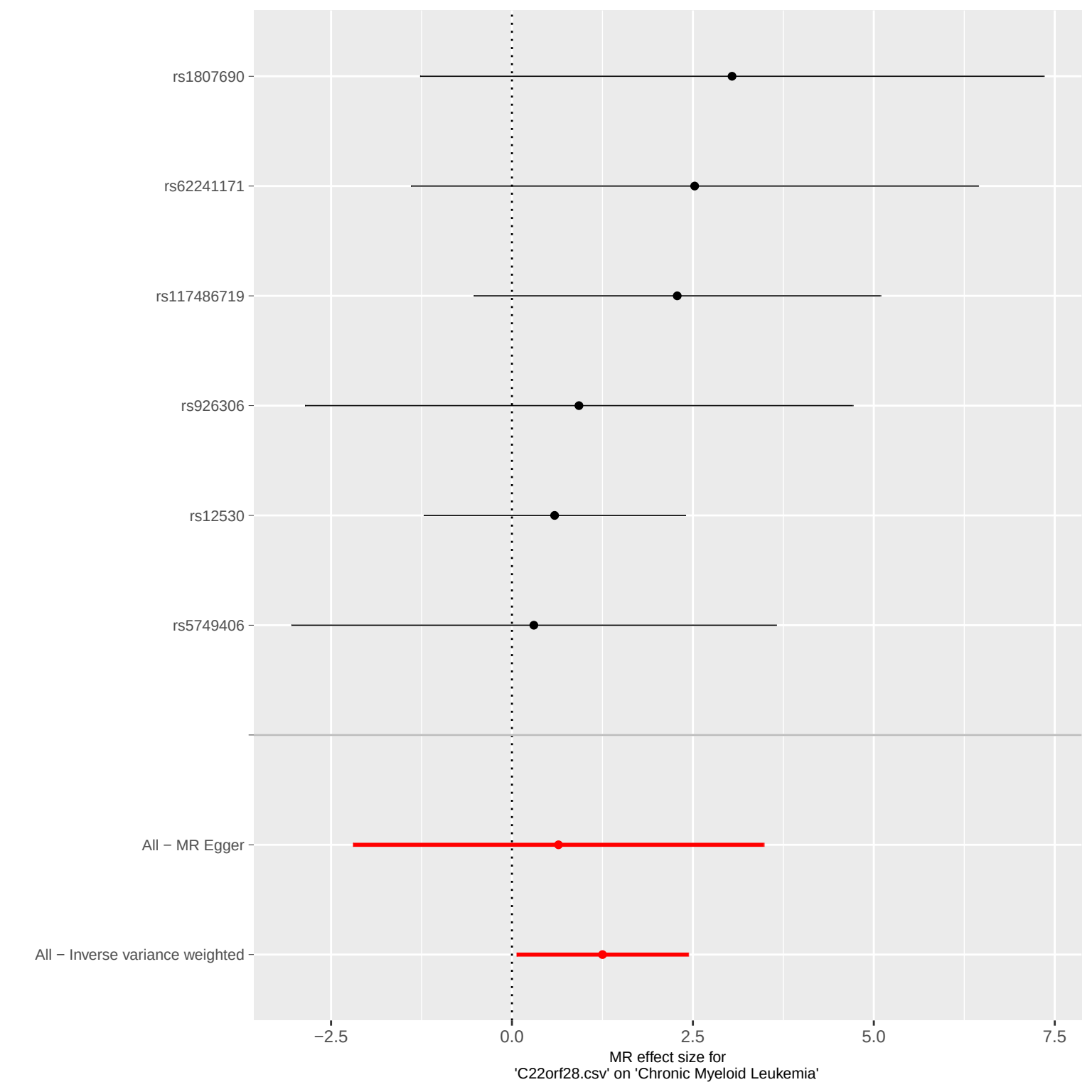
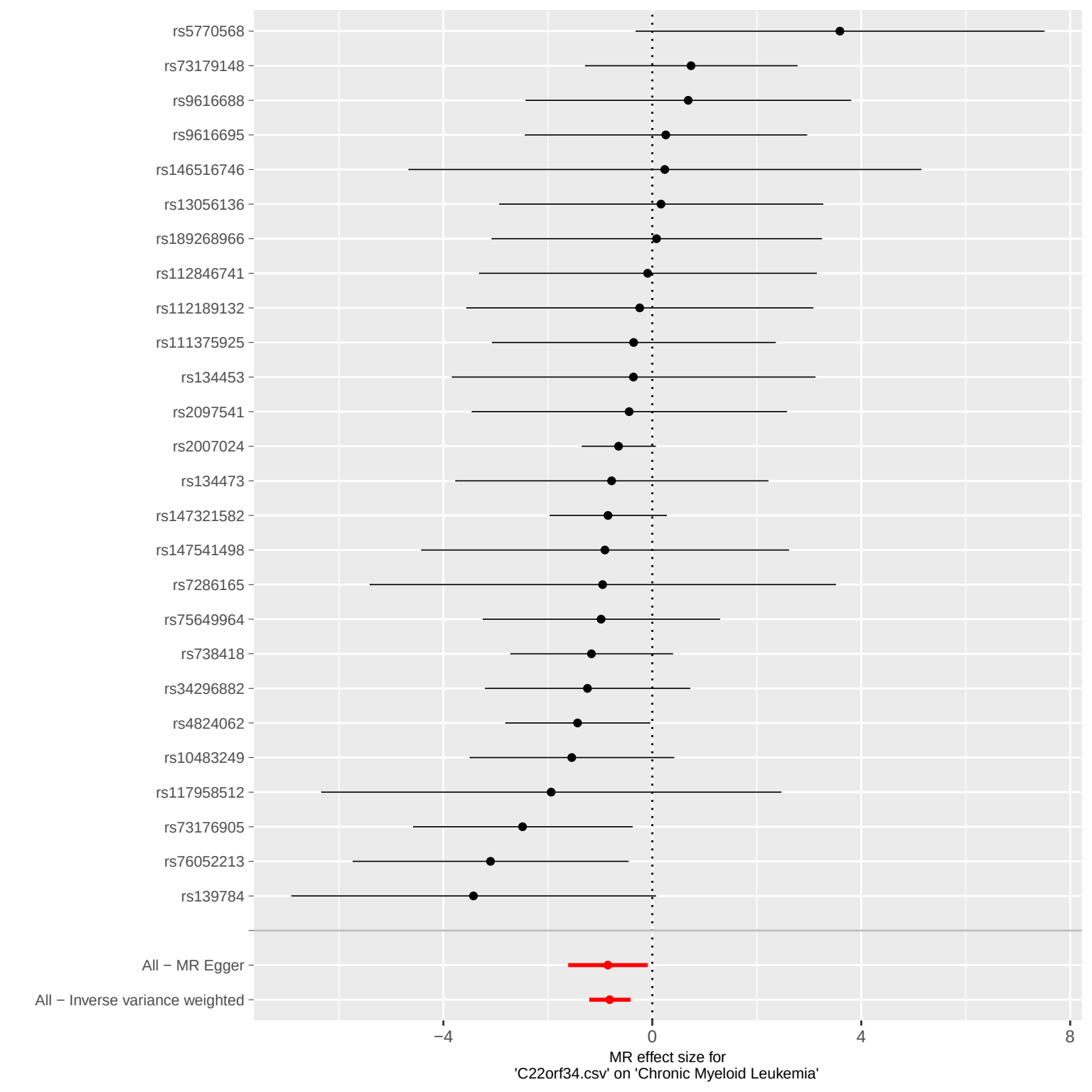
10
MR effect size for
'C20orf196.csv' on 'Chronic Myeloid Leukemia'


rs1807690
rs62241171
rs117486719
rs926306
rs12530
rs5749406
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'C22orf28.csv' on 'Chronic Myeloid Leukemia'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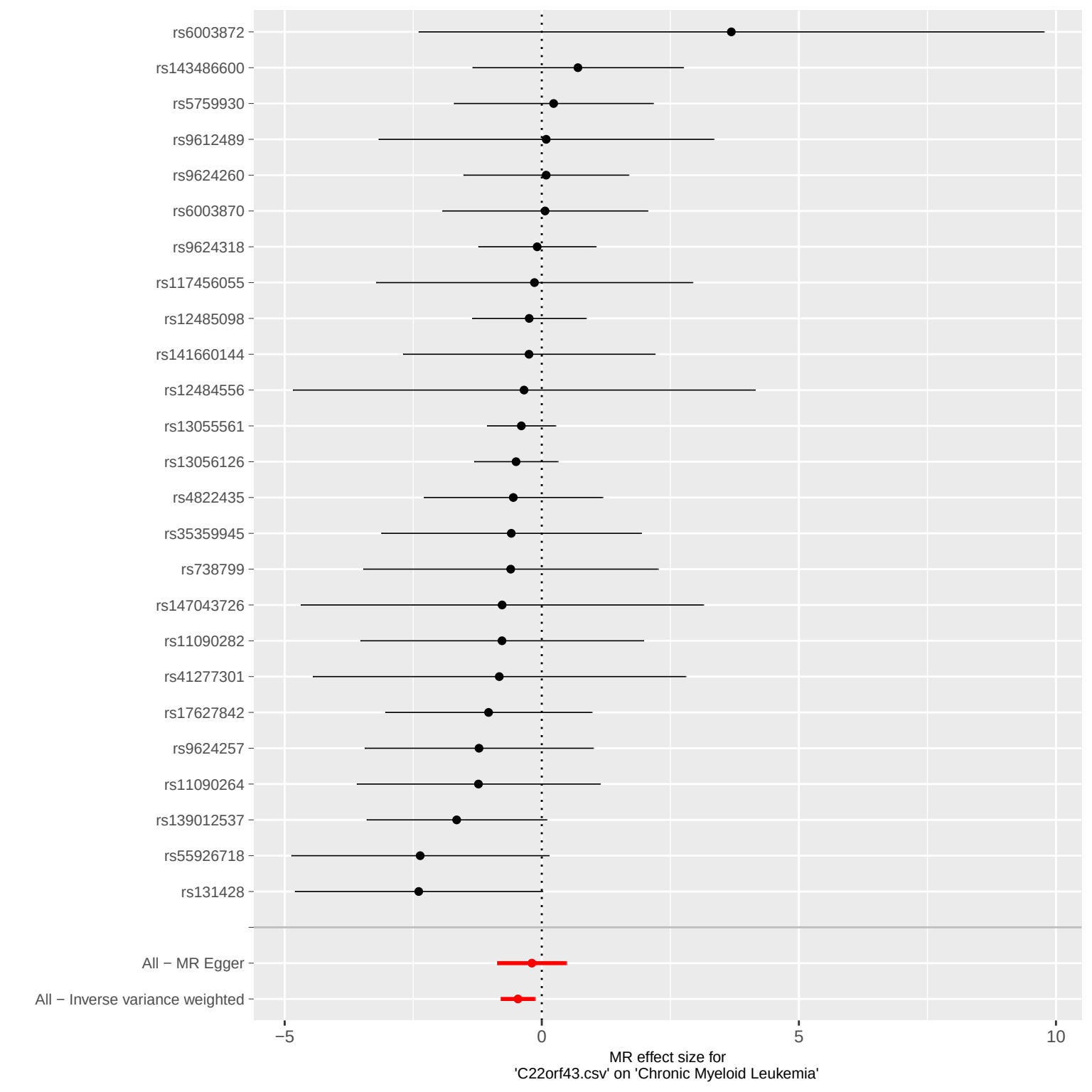
rs134453
rs2097541
rs2007024
rs134473
rs147321582
rs147541498
rs7286165
rs75649964
rs738418
rs34296882
rs4824062
rs10483249
rs117958512
rs73176905
rs76052213
rs139784
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'C22orf34.csv' on 'Chronic Myeloid Leukemia'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rs738799
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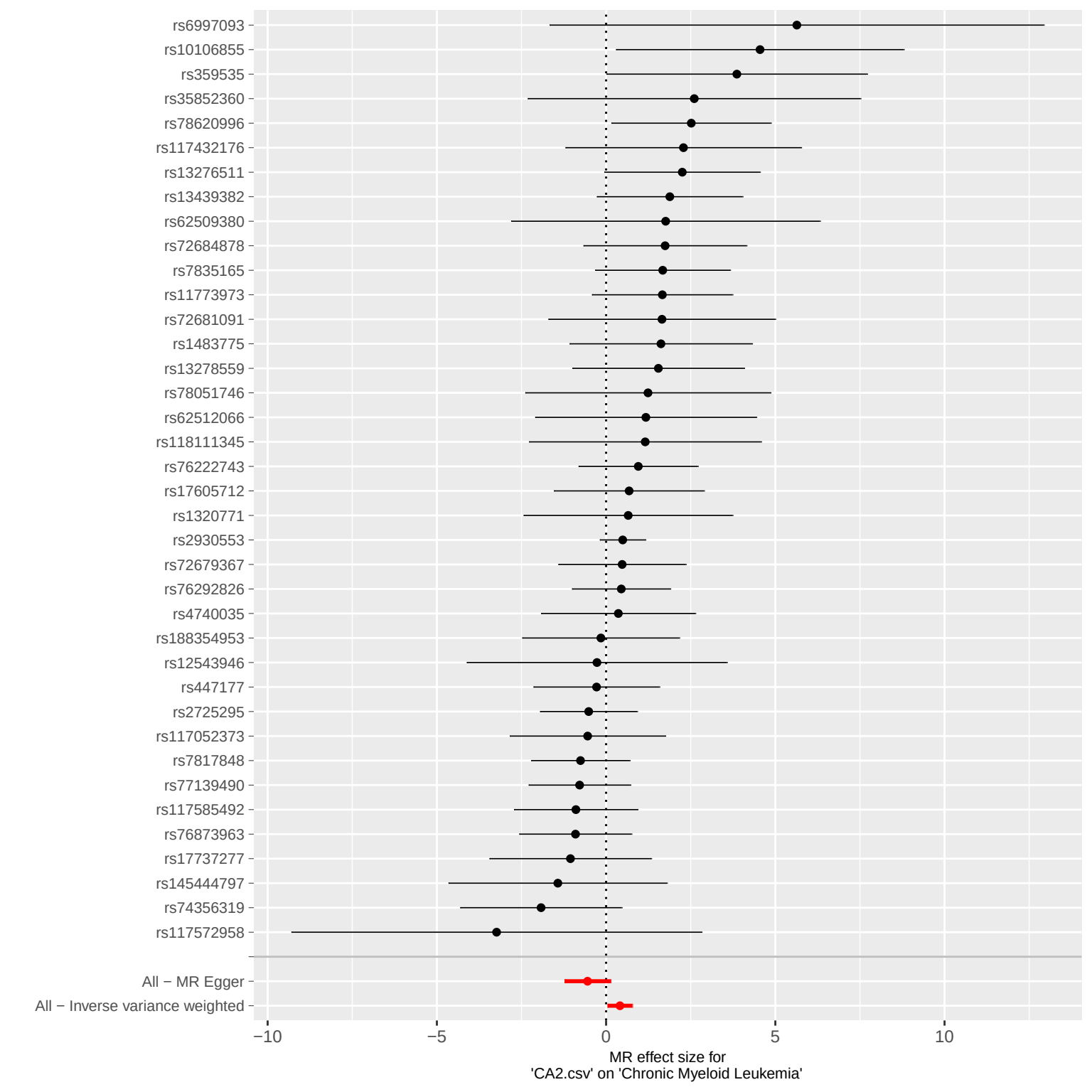
rs41277301
rs17627842
rs9624257
rs11090264
rs139012537
rs55926718
rs131428
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'C22orf43.csv' on 'Chronic Myeloid Leukemia'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rs11773973
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rs1483775
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rs2725295
rs117052373
rs7817848
rs77139490
rs117585492
rs76873963
rs17737277
rs145444797
rs74356319
rs117572958
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
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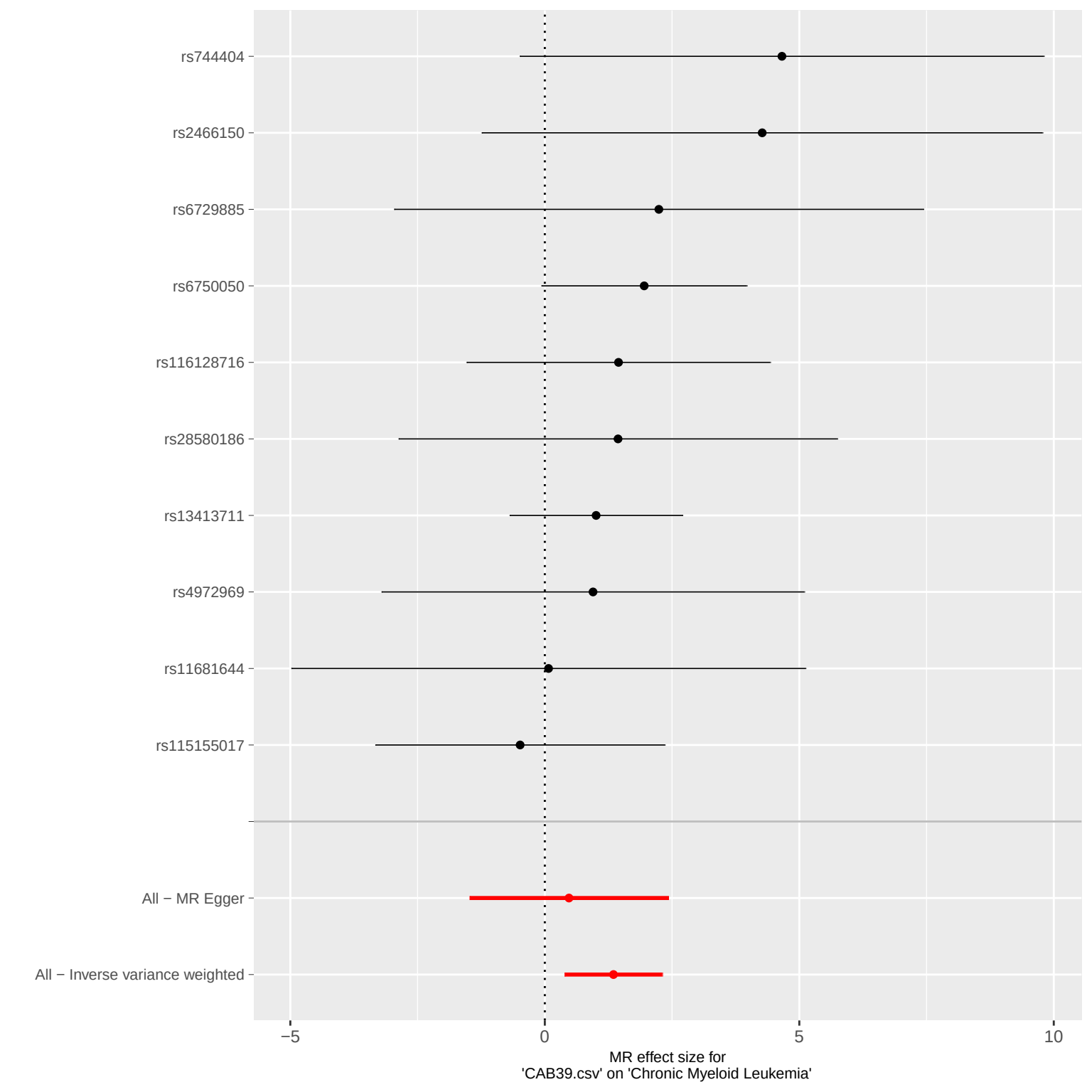
MR effect size for
'CA2.csv' on 'Chronic Myeloid Leukemia'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rs28580186
rs13413711
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rs11681644
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All − MR Egger
All − Inverse variance weighted
−5
0
5
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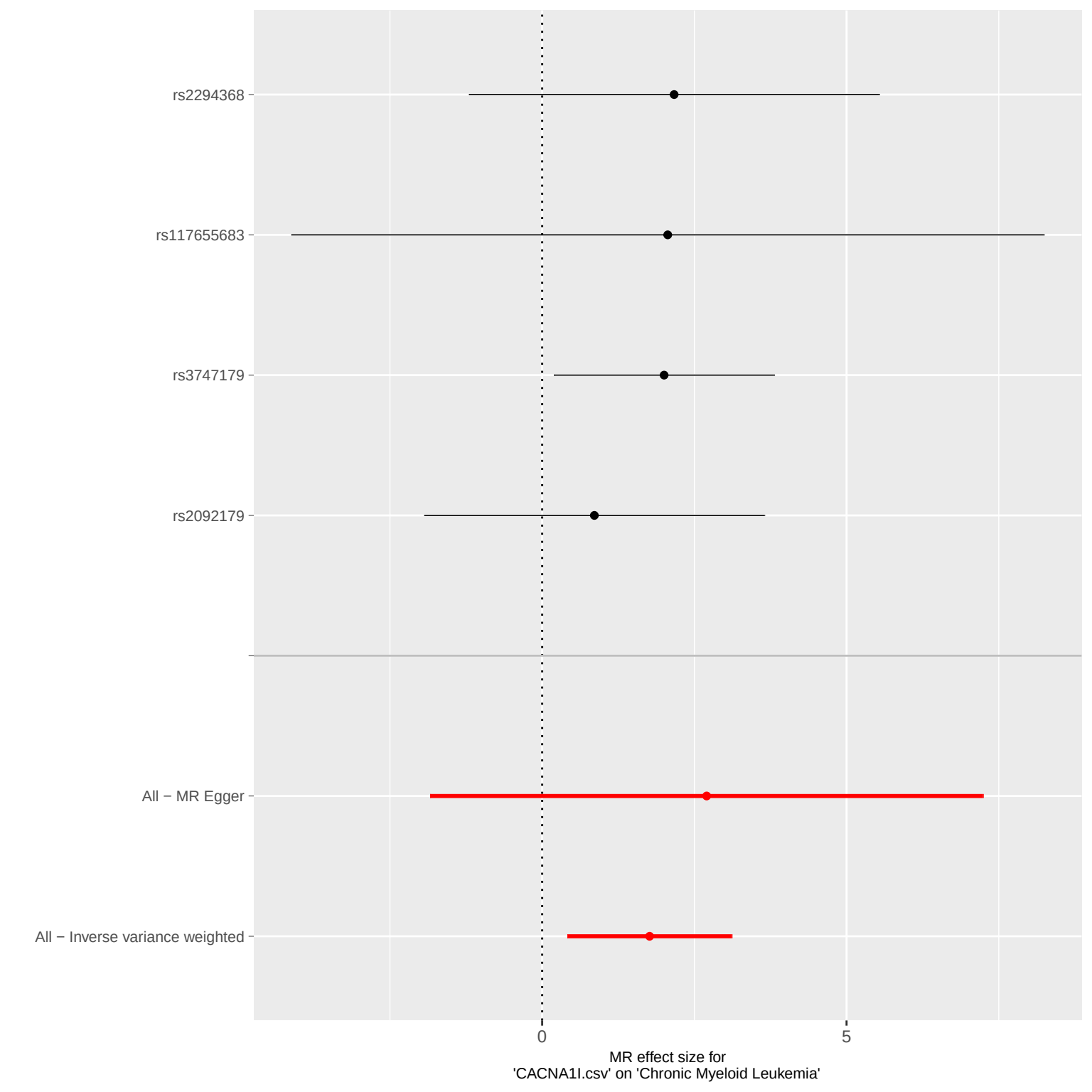
MR effect size for
'CAB39.csv' on 'Chronic Myeloid Leukemia'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rs117655683
rs3747179
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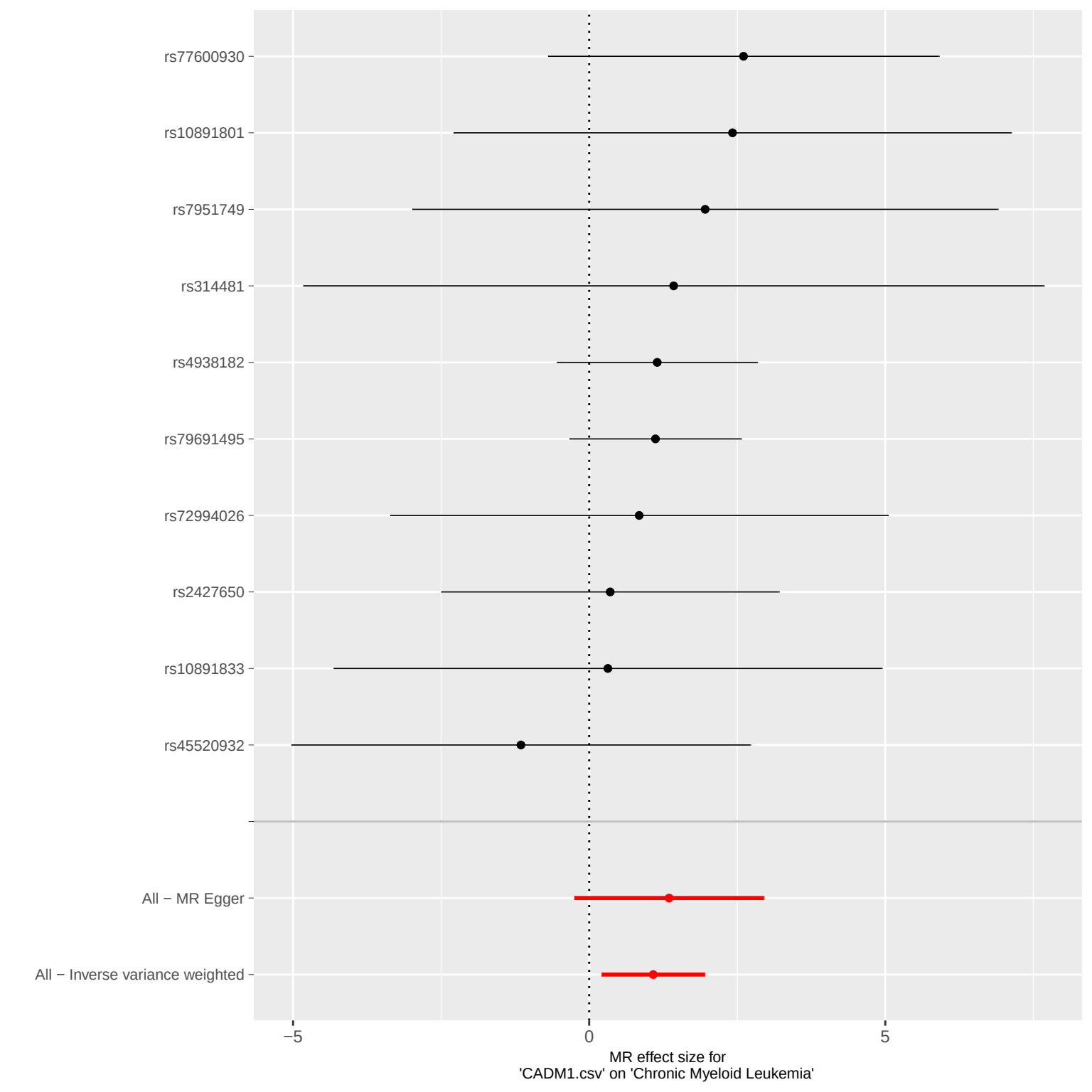
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'CACNA1I.csv' on 'Chronic Myeloid Leukemia'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rs314481
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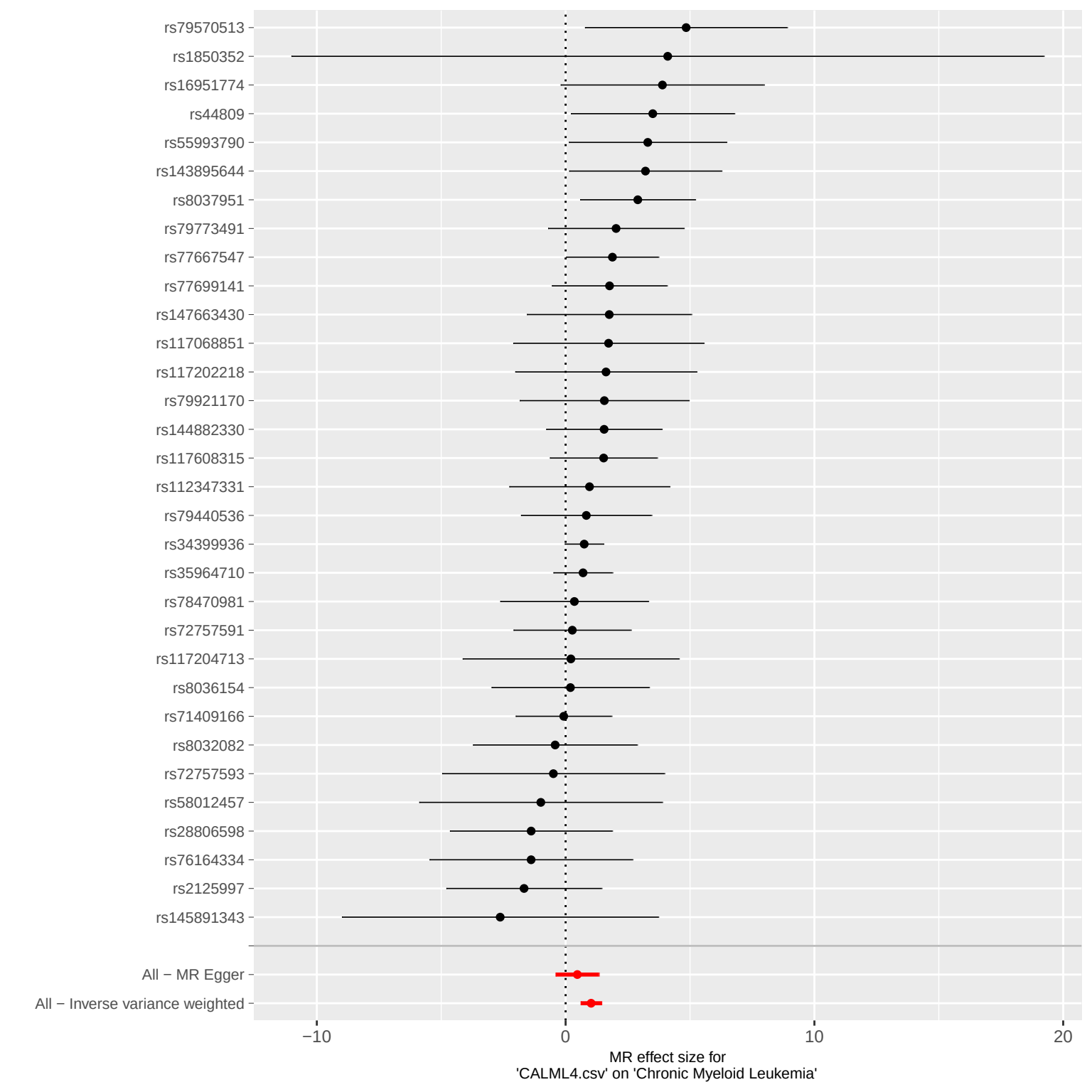
rs10891833
rs45520932
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CADM1.csv' on 'Chronic Myeloid Leukemia'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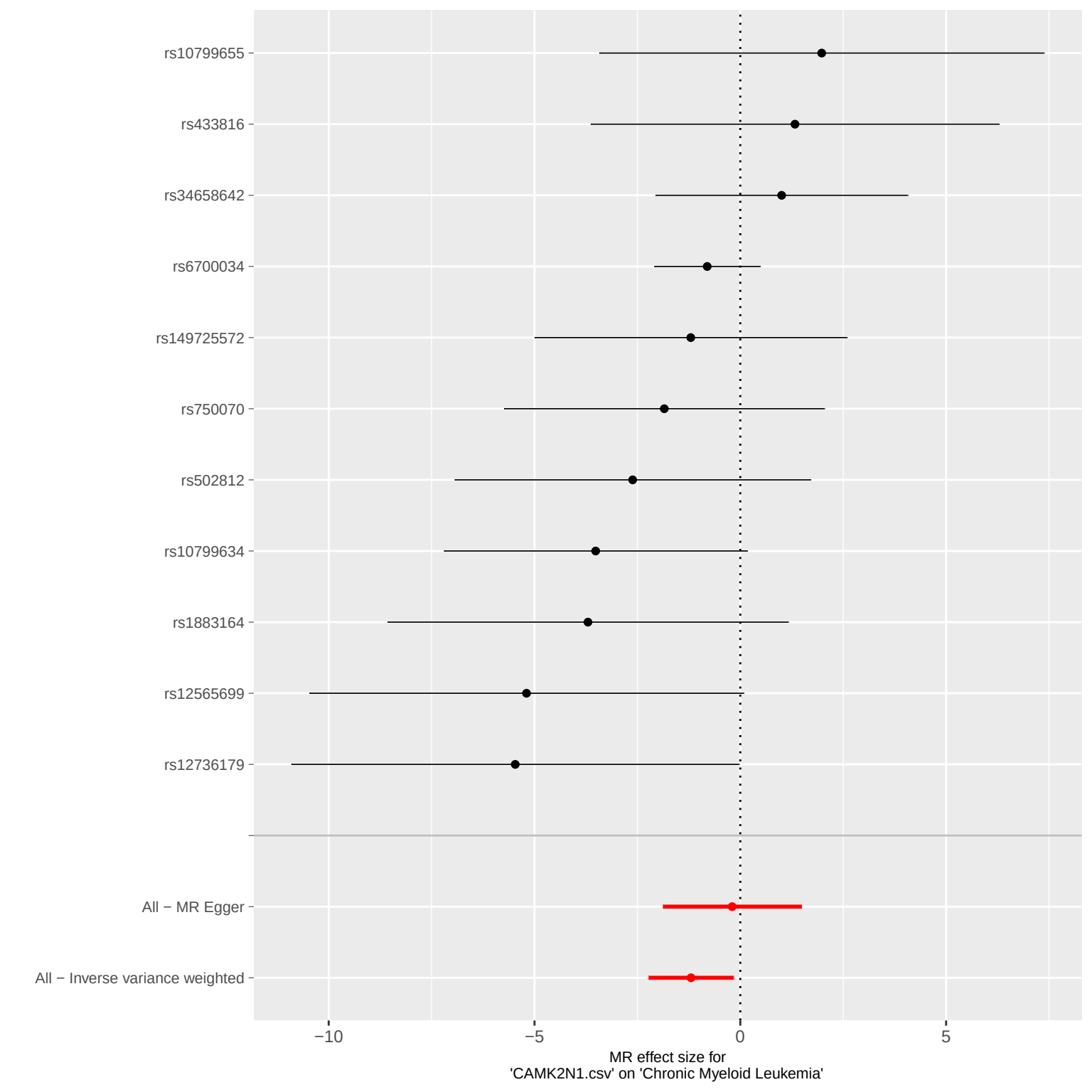
rs79921170
rs144882330
rs117608315
rs112347331
rs79440536
rs34399936
rs35964710
rs78470981
rs72757591
rs117204713
rs8036154
rs71409166
rs8032082
rs72757593
rs58012457
rs28806598
rs76164334
rs2125997
rs145891343
All − MR Egger
All − Inverse variance weighted
−10
0
10
20
MR effect size for
'CALML4.csv' on 'Chronic Myeloid Leukemia'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rs149725572
rs750070
rs502812
rs10799634
rs1883164
rs12565699
rs12736179
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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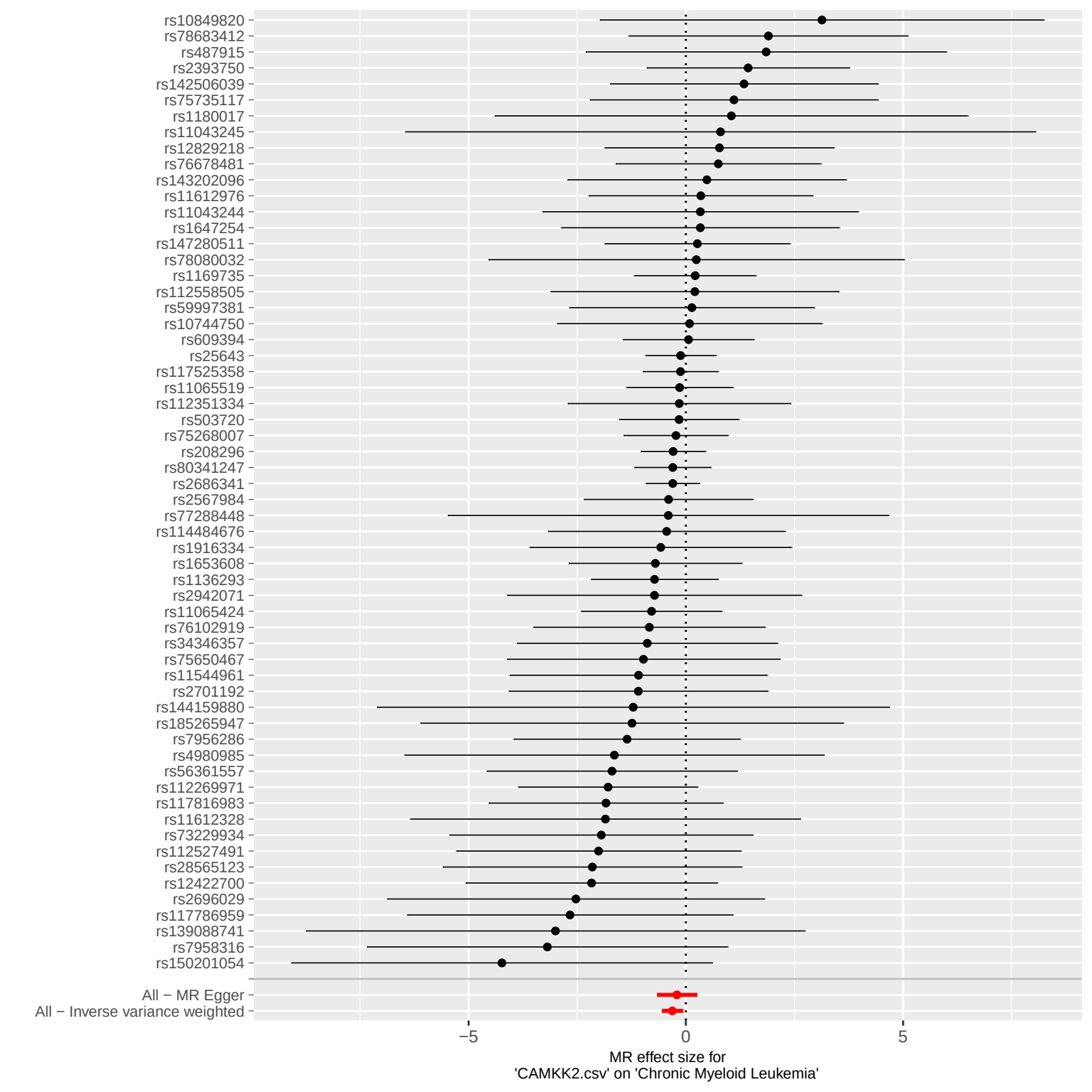
MR effect size for
'CAMK2N1.csv' on 'Chronic Myeloid Leukemia'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rs139088741
rs7958316
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All − MR Egger
All − Inverse variance weighted
−5
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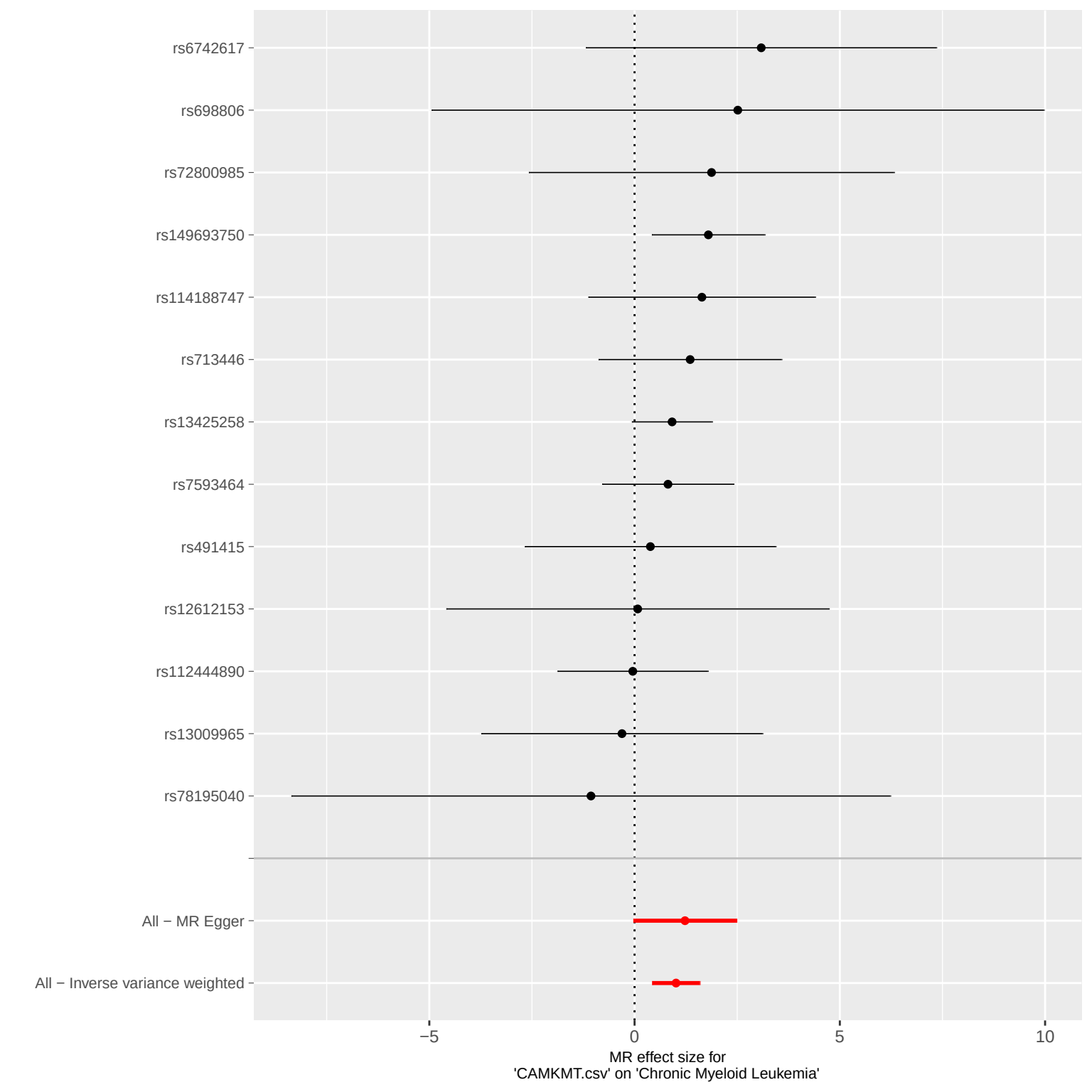
MR effect size for
'CAMKK2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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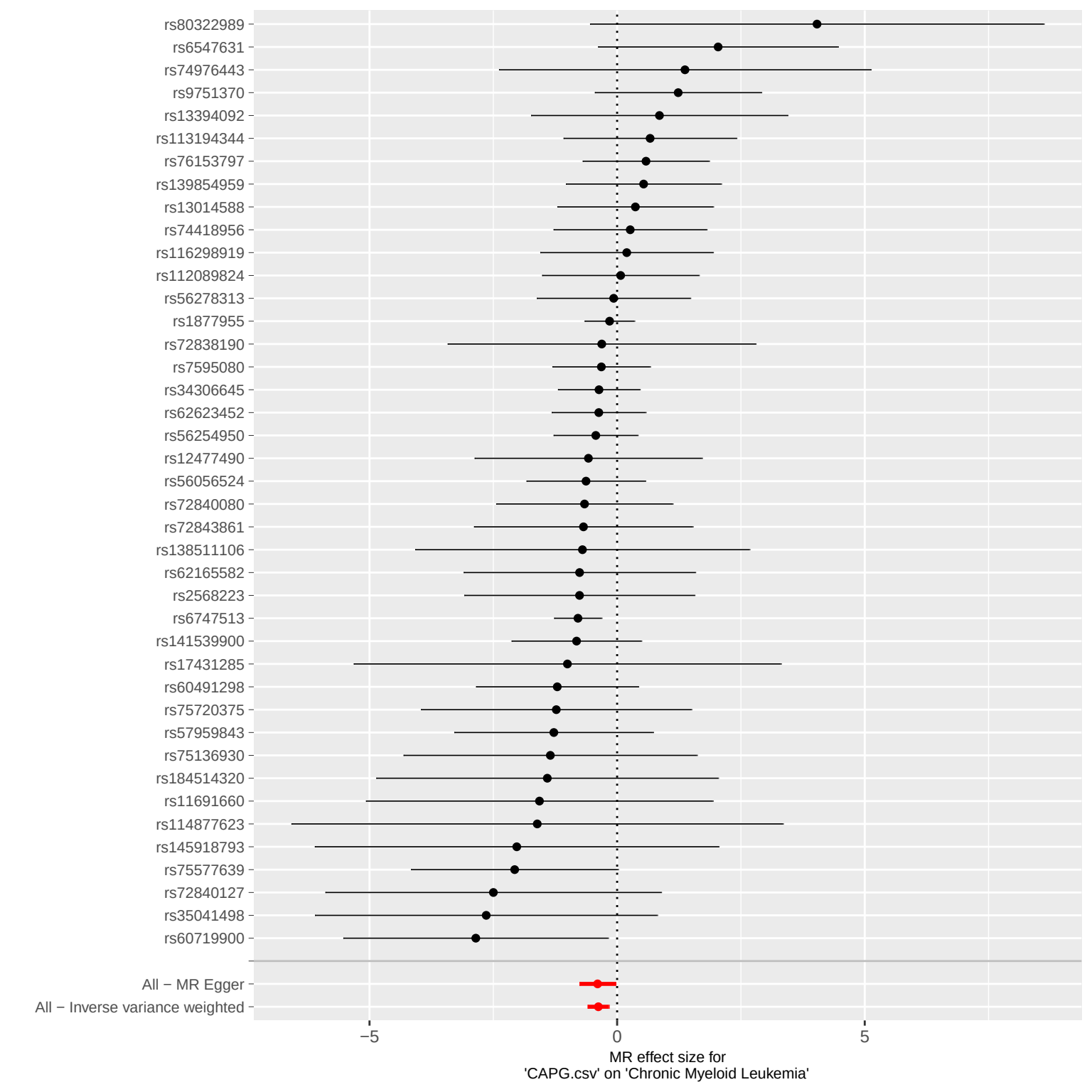
MR effect size for
'CAMKMT.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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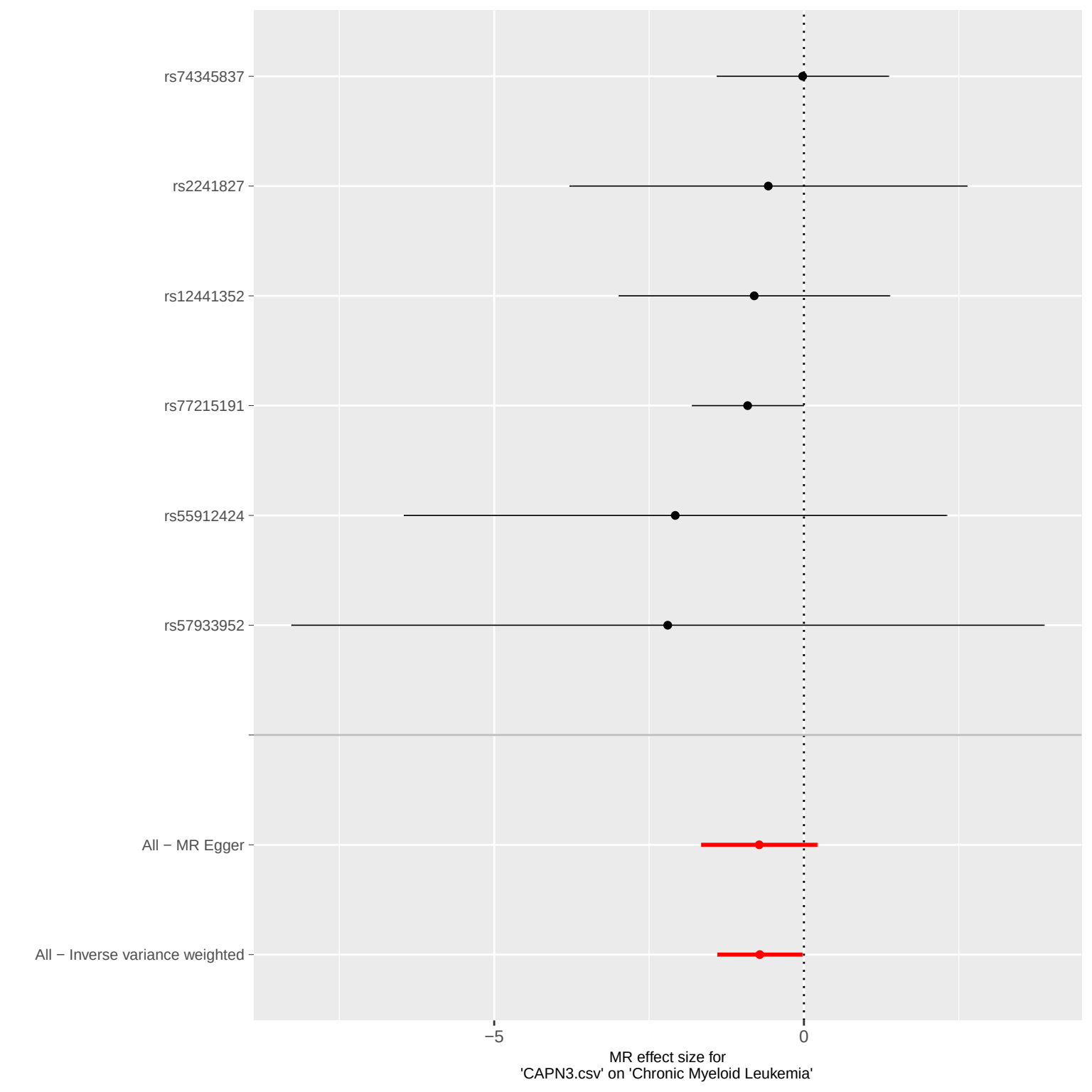
MR effect size for
'CAPG.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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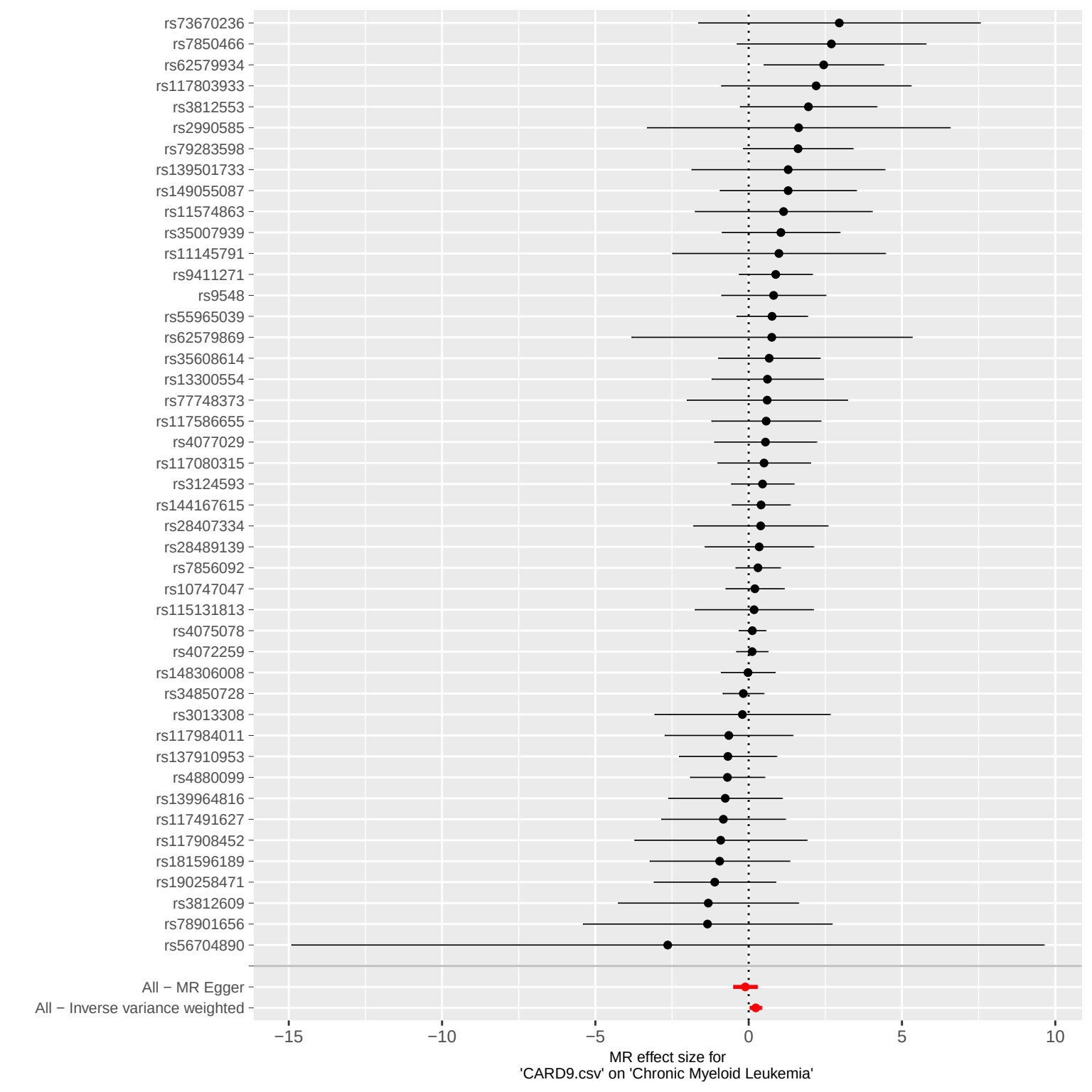
MR effect size for
'CAPN3.csv' on 'Chronic Myeloid Leukemia'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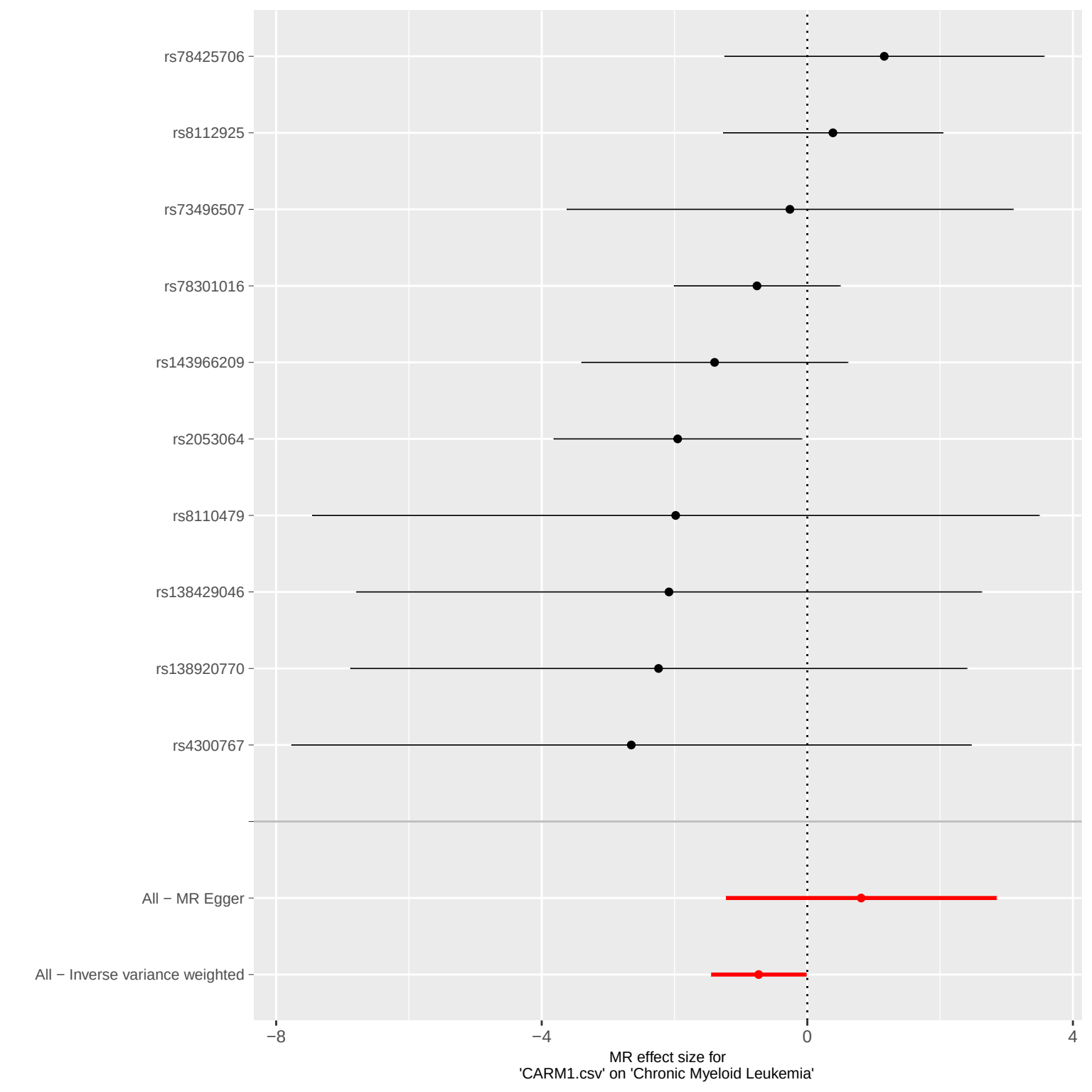
rs181596189
rs190258471
rs3812609
rs78901656
rs56704890
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
10
MR effect size for
'CARD9.csv' on 'Chronic Myeloid Leukemia'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rs78301016
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rs2053064
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rs138920770
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All − MR Egger
All − Inverse variance weighted
−8
−4
0
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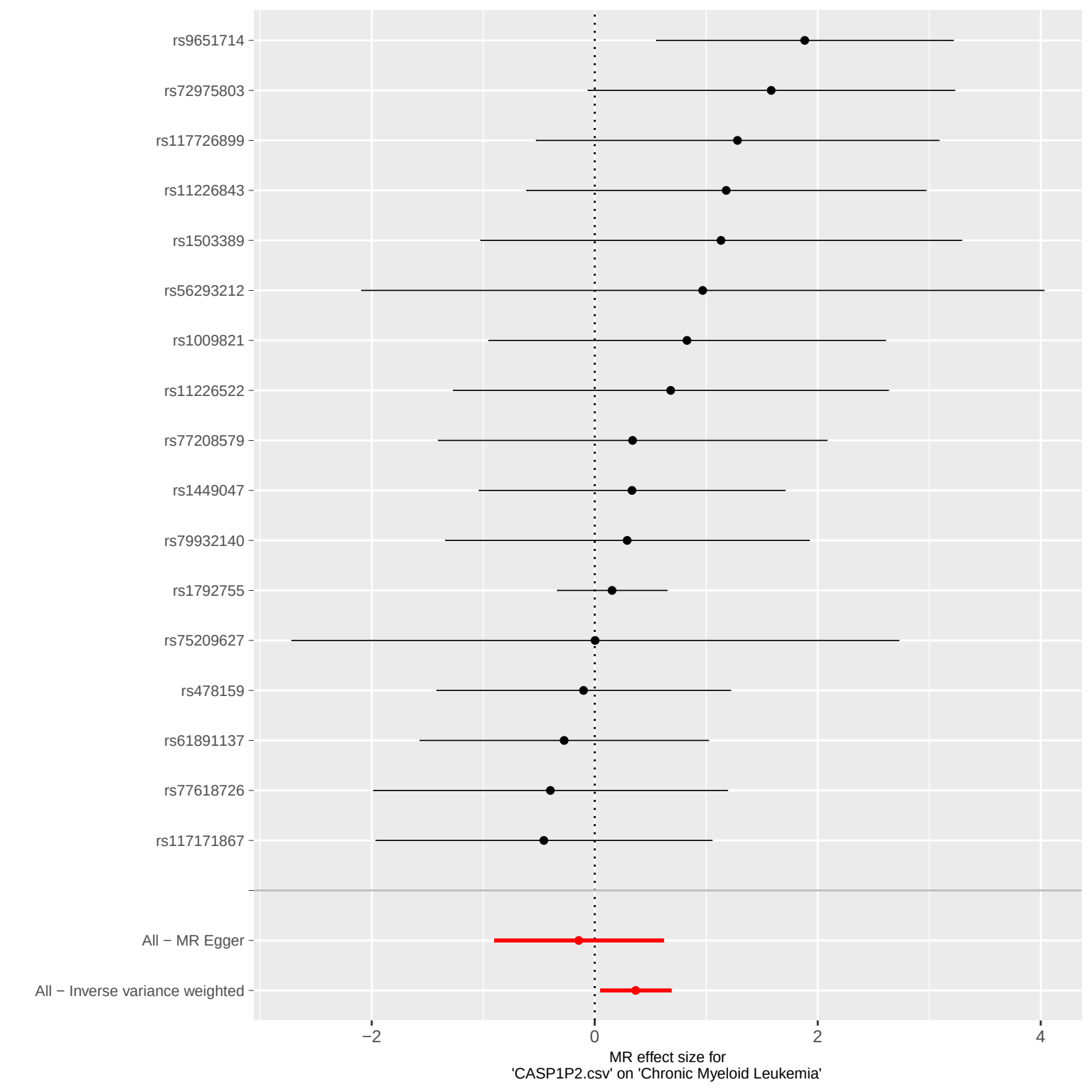
MR effect size for
'CARM1.csv' on 'Chronic Myeloid Leukemia'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rs77208579
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rs1792755
rs75209627
rs478159
rs61891137
rs77618726
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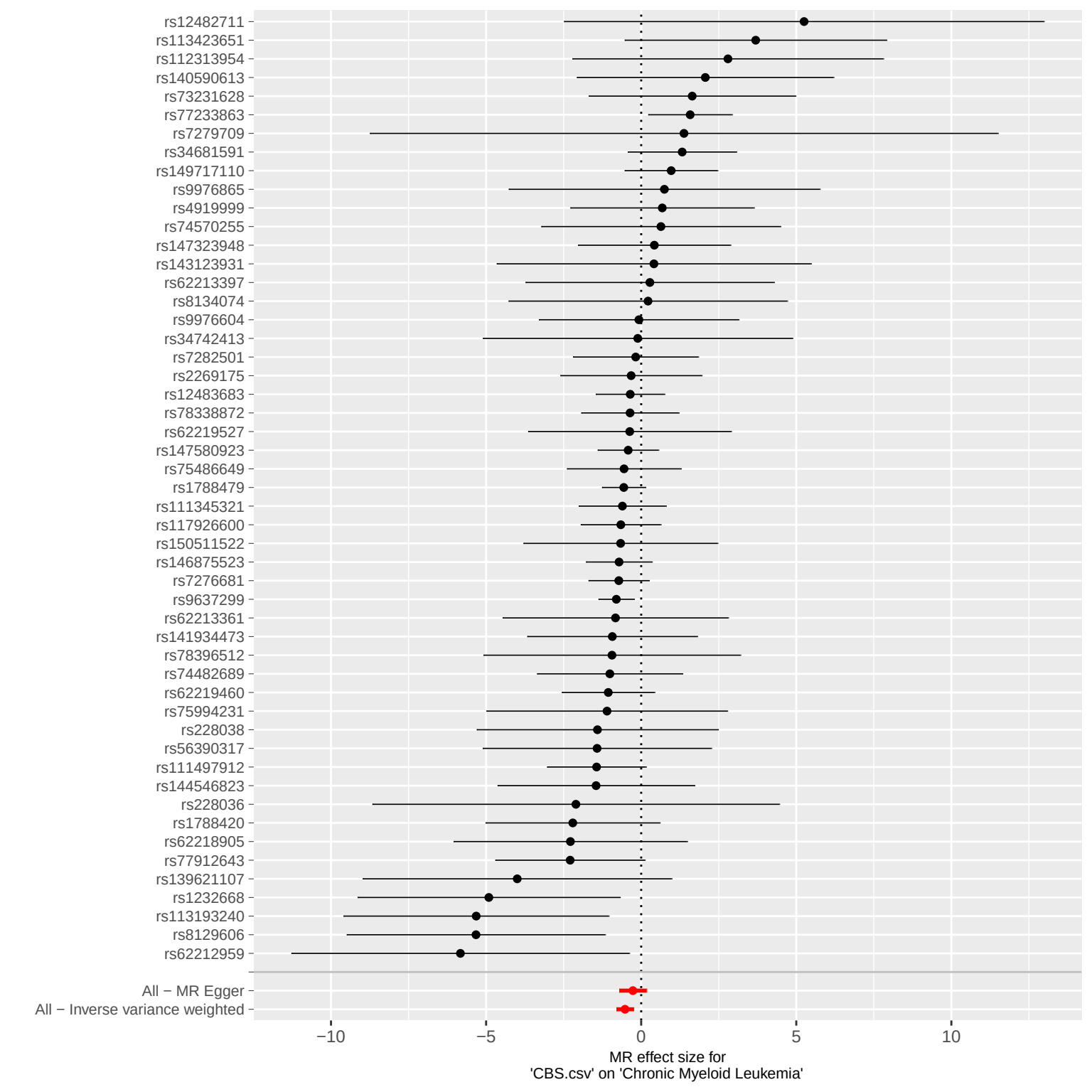
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CASP1P2.csv' on 'Chronic Myeloid Leukemia'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rs8129606
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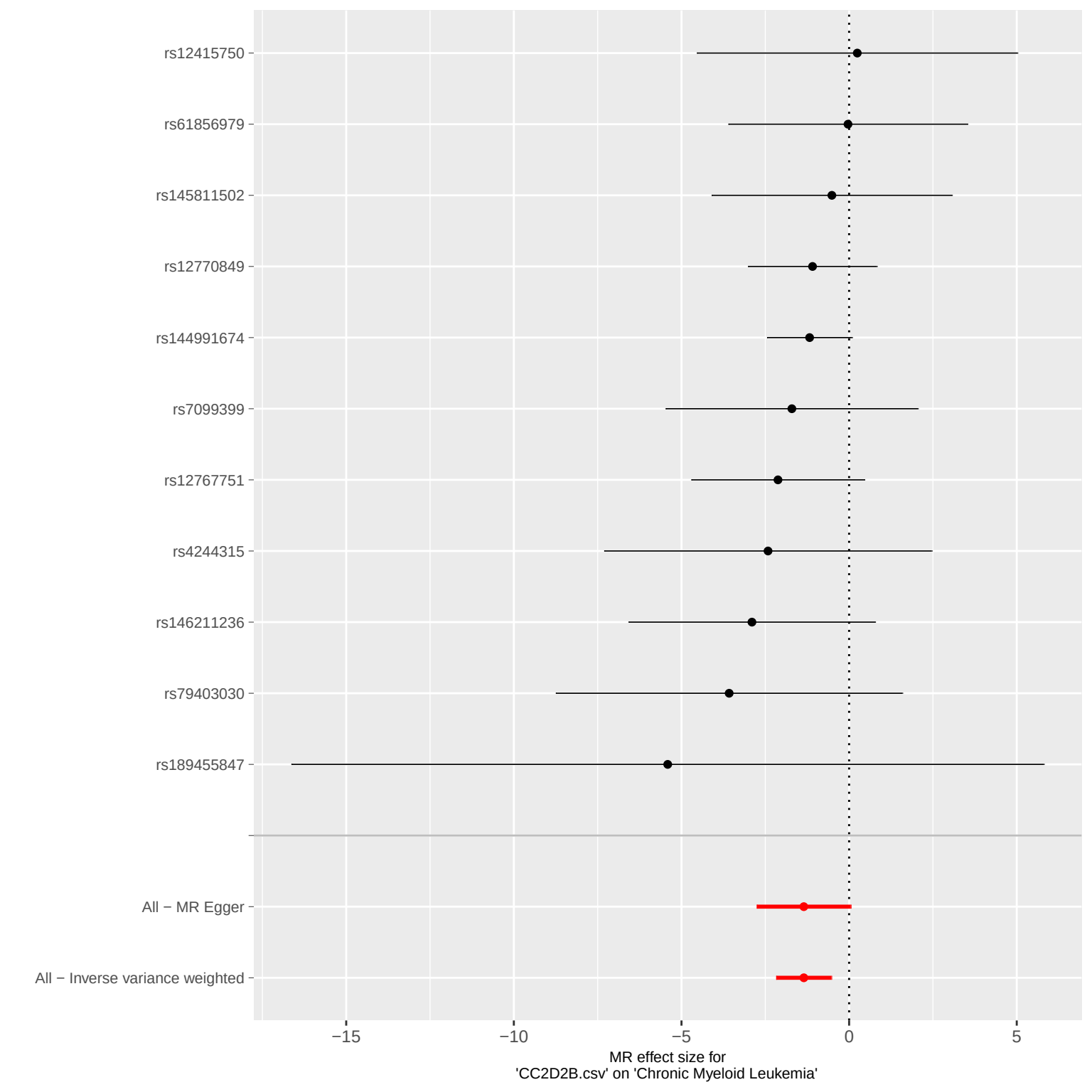
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'CBS.csv' on 'Chronic Myeloid Leukemia'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rs189455847
All − MR Egger
All − Inverse variance weighted
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−10
−5
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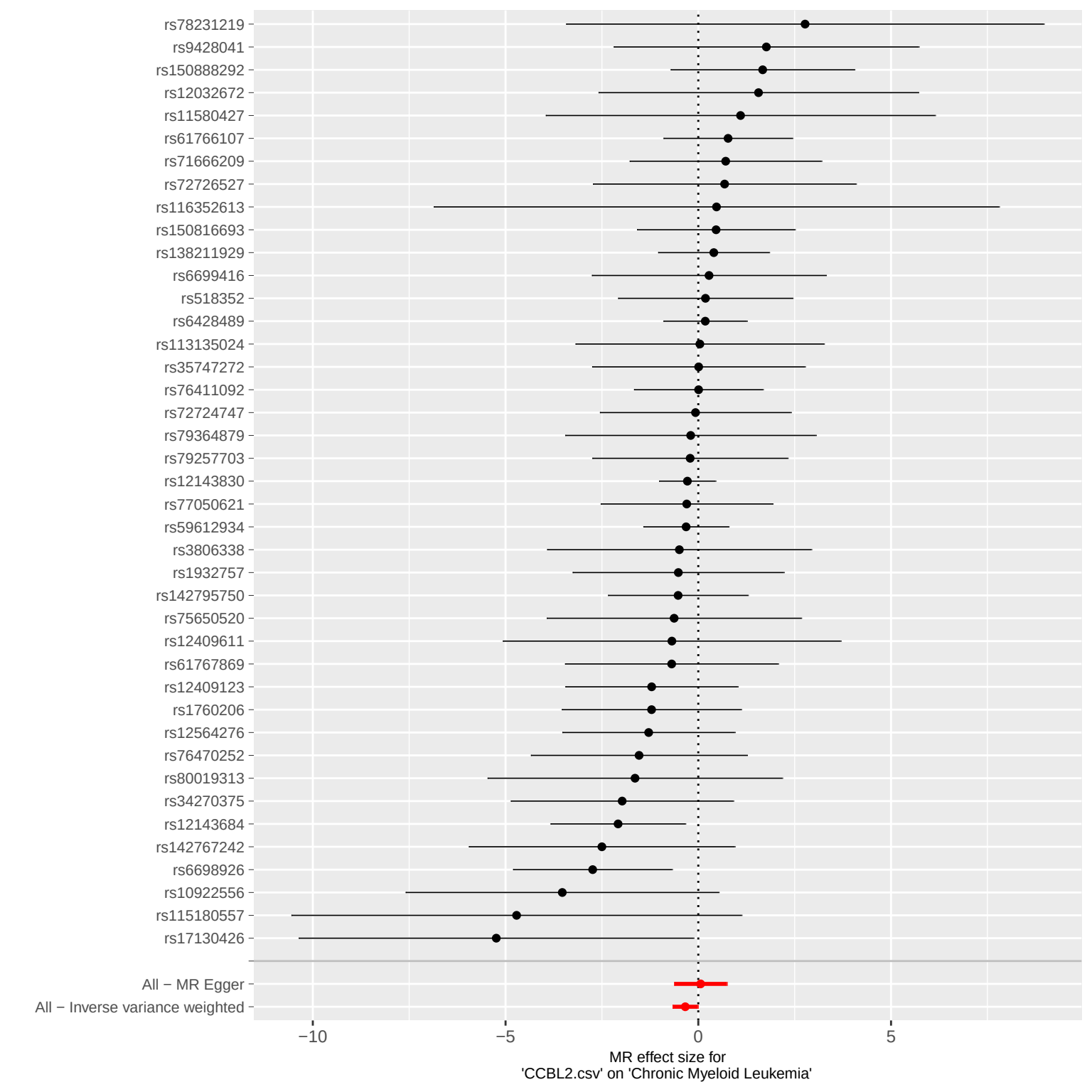
MR effect size for
'CC2D2B.csv' on 'Chronic Myeloid Leukemia'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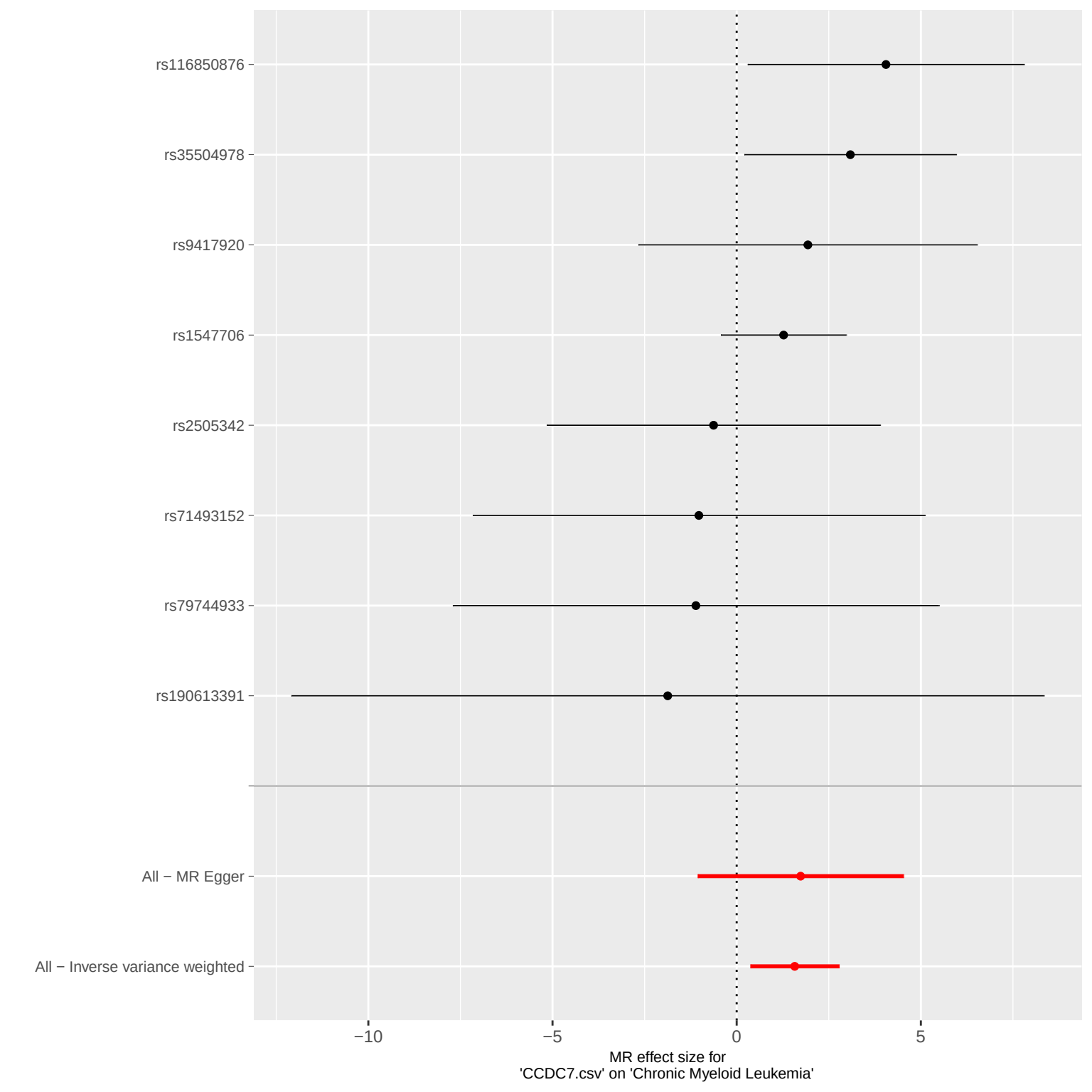
rs34270375
rs12143684
rs142767242
rs6698926
rs10922556
rs115180557
rs17130426
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CCBL2.csv' on 'Chronic Myeloid Leukemia'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rs2505342
rs71493152
rs79744933
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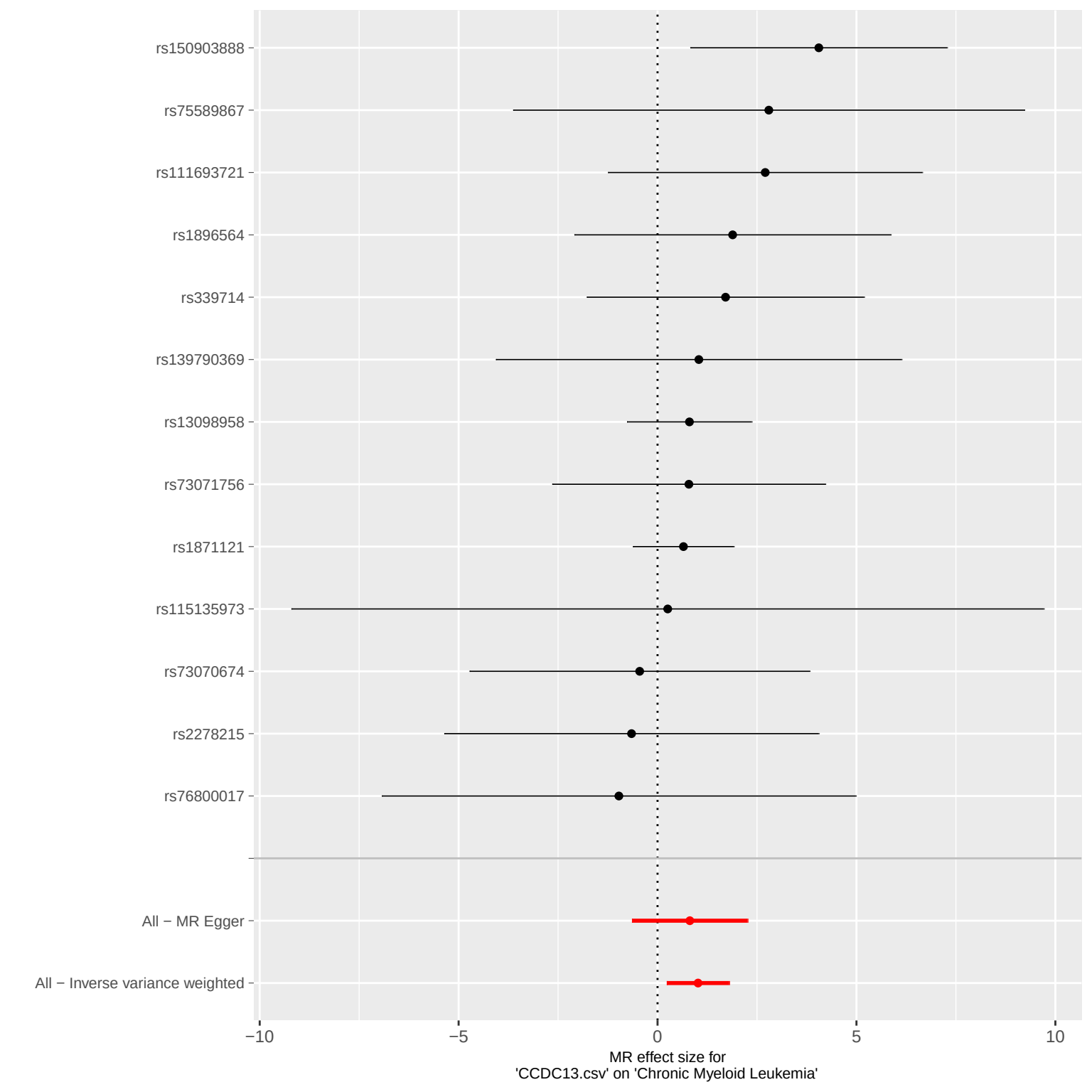
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CCDC7.csv' on 'Chronic Myeloid Leukemia'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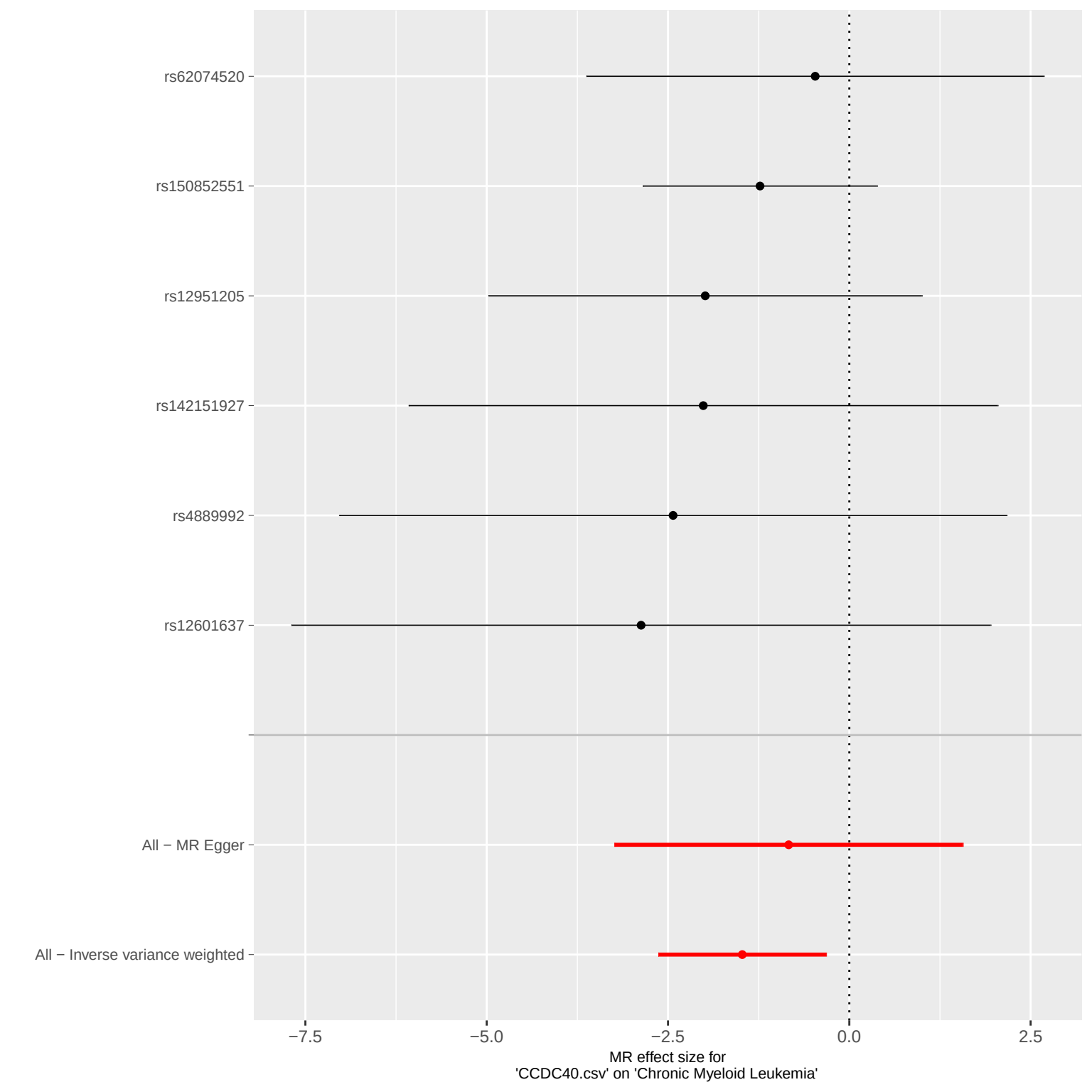
rs73071756
rs1871121
rs115135973
rs73070674
rs2278215
rs76800017
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'CCDC13.csv' on 'Chronic Myeloid Leukemia'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rs150852551
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rs4889992
rs12601637
All − MR Egger
All − Inverse variance weighted
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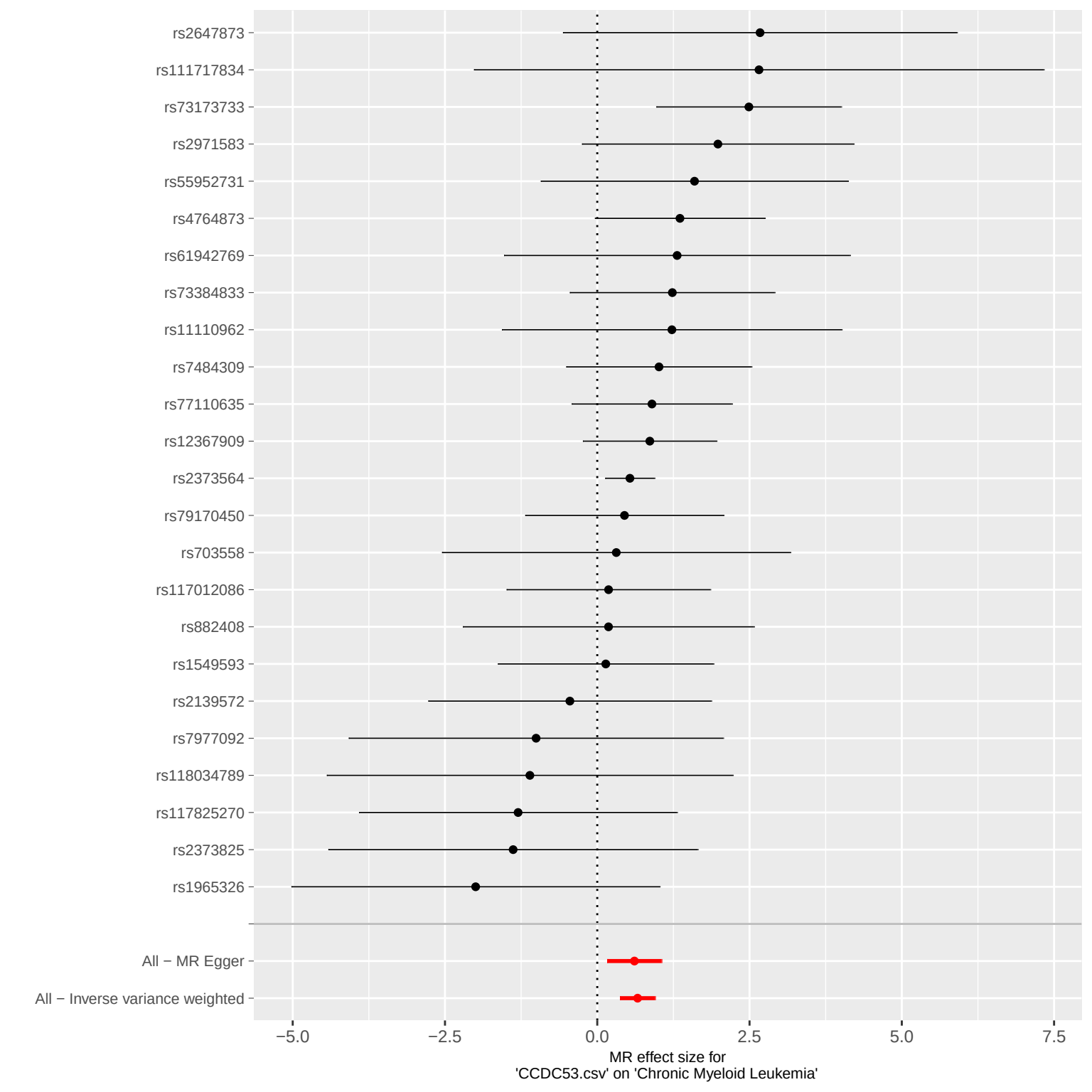
−5.0
−2.5
0.0
2.5
MR effect size for
'CCDC40.csv' on 'Chronic Myeloid Leukemia'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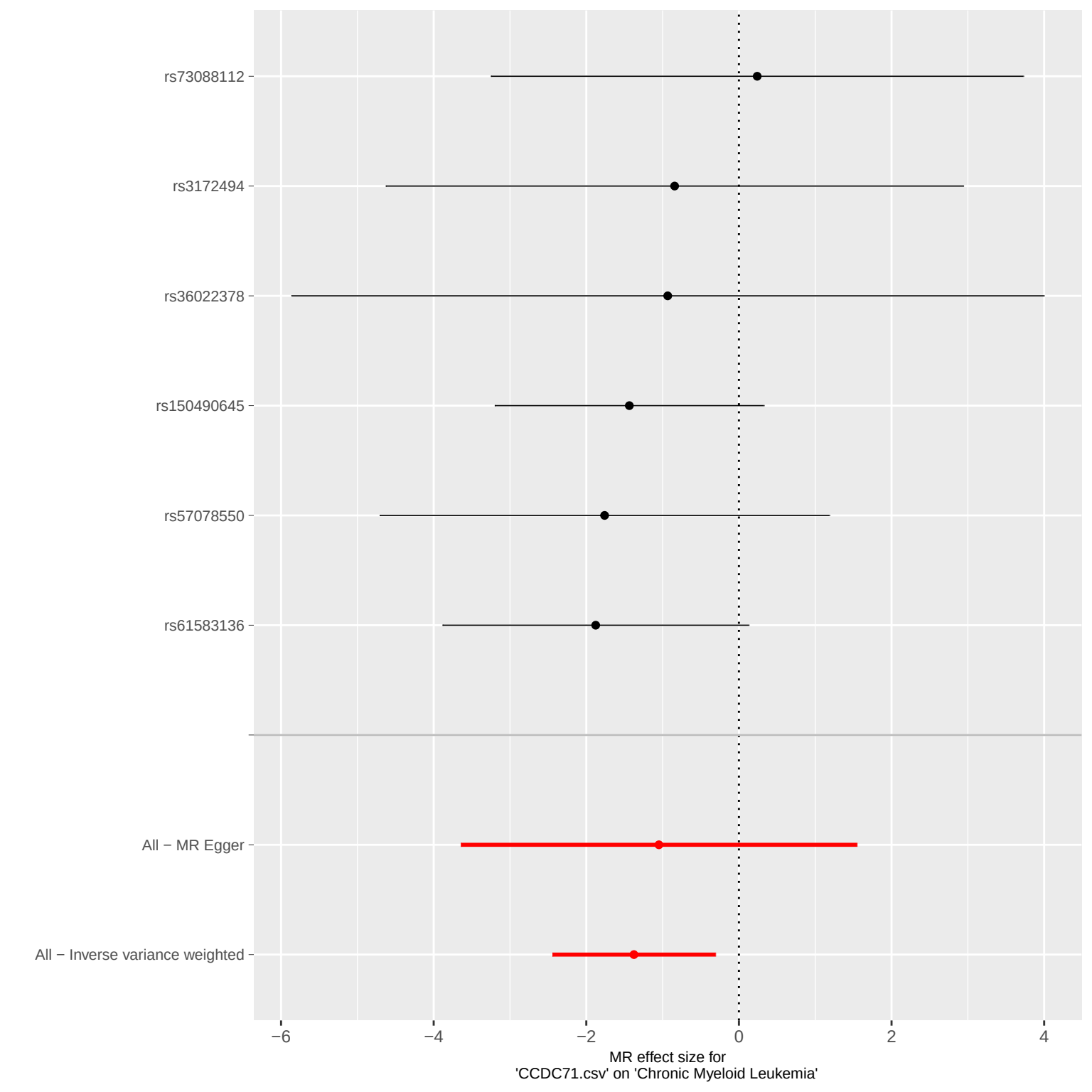
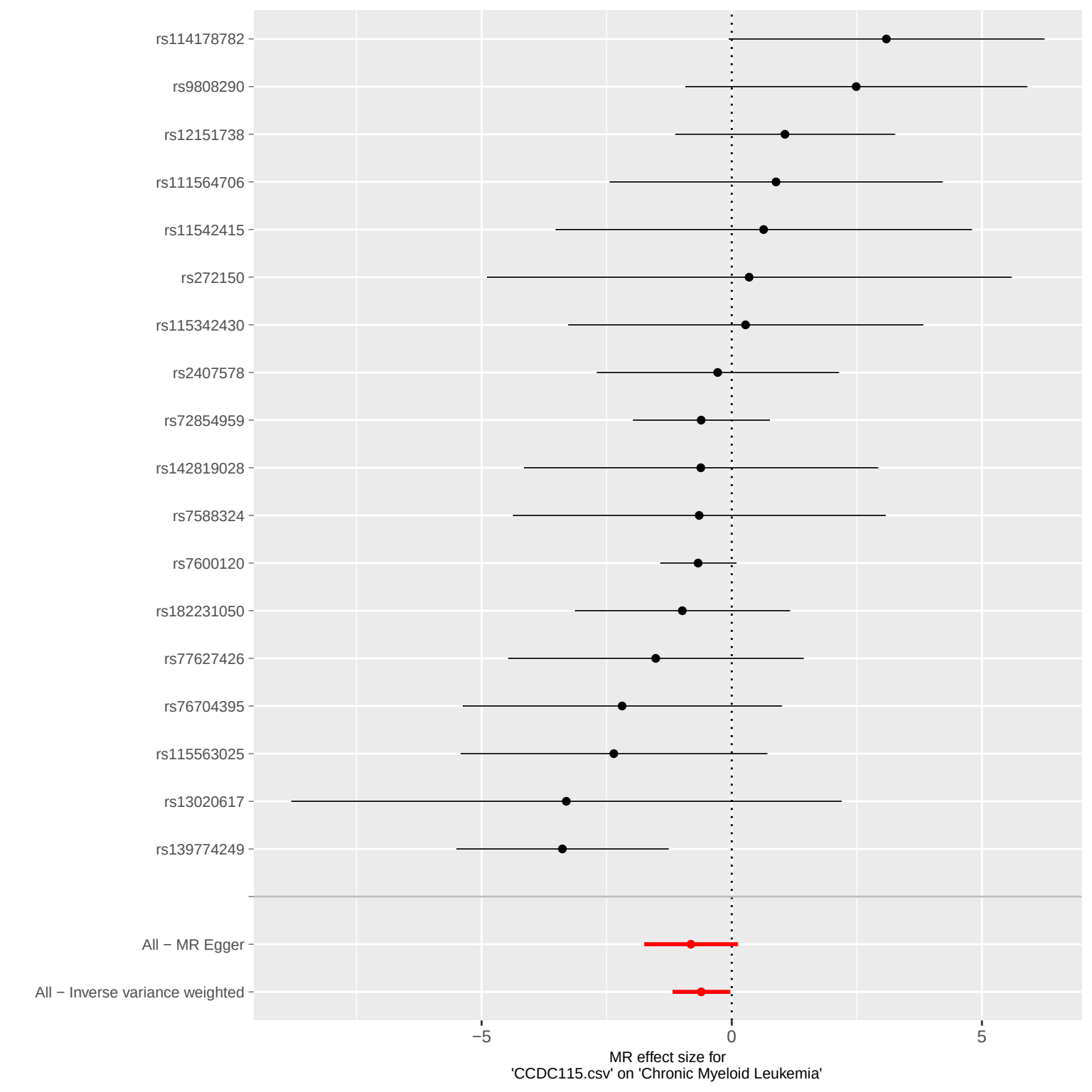
rs12367909
rs2373564
rs79170450
rs703558
rs117012086
rs882408
rs1549593
rs2139572
rs7977092
rs118034789
rs117825270
rs2373825
rs1965326
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'CCDC53.csv' on 'Chronic Myeloid Leukemia'


rs73088112
rs3172494
rs36022378
rs150490645
rs57078550
rs61583136
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'CCDC71.csv' on 'Chronic Myeloid Leukemia'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rs72854959
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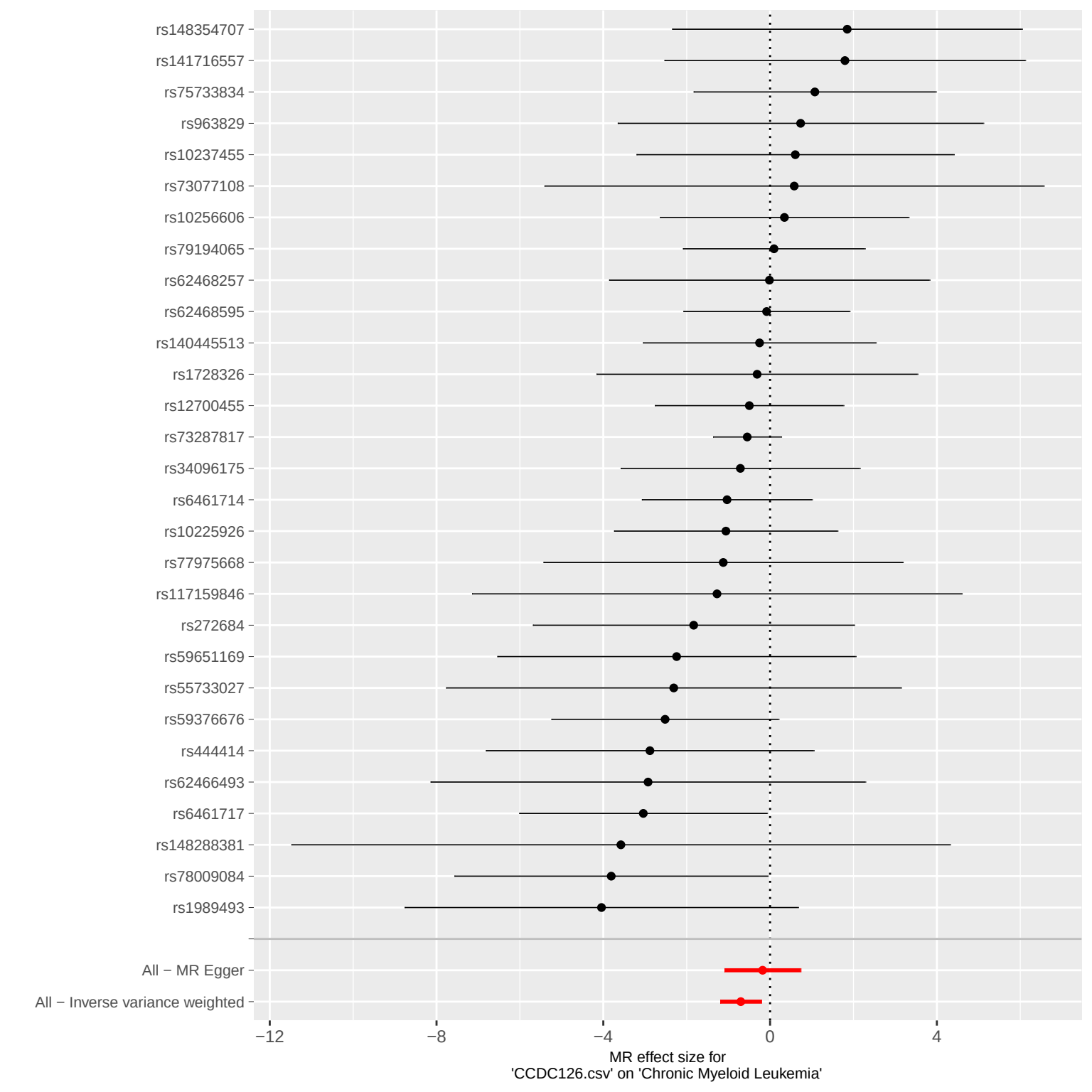
rs7588324
rs7600120
rs182231050
rs77627426
rs76704395
rs115563025
rs13020617
rs139774249
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CCDC115.csv' on 'Chronic Myeloid Leukemia'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rs272684
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rs55733027
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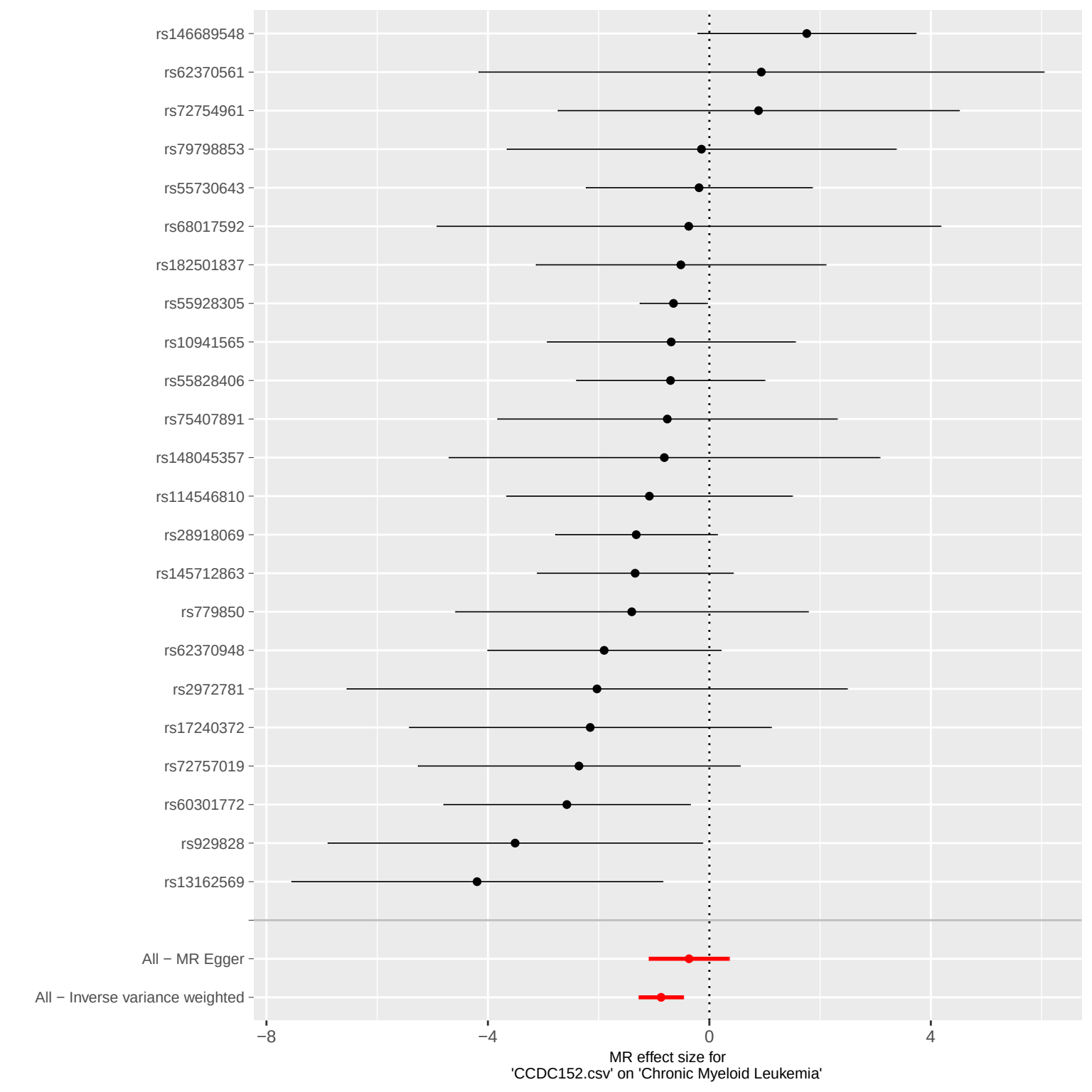
rs444414
rs62466493
rs6461717
rs148288381
rs78009084
rs1989493
All − MR Egger
All − Inverse variance weighted
−12
−8
−4
0
4
MR effect size for
'CCDC126.csv' on 'Chronic Myeloid Leukemia'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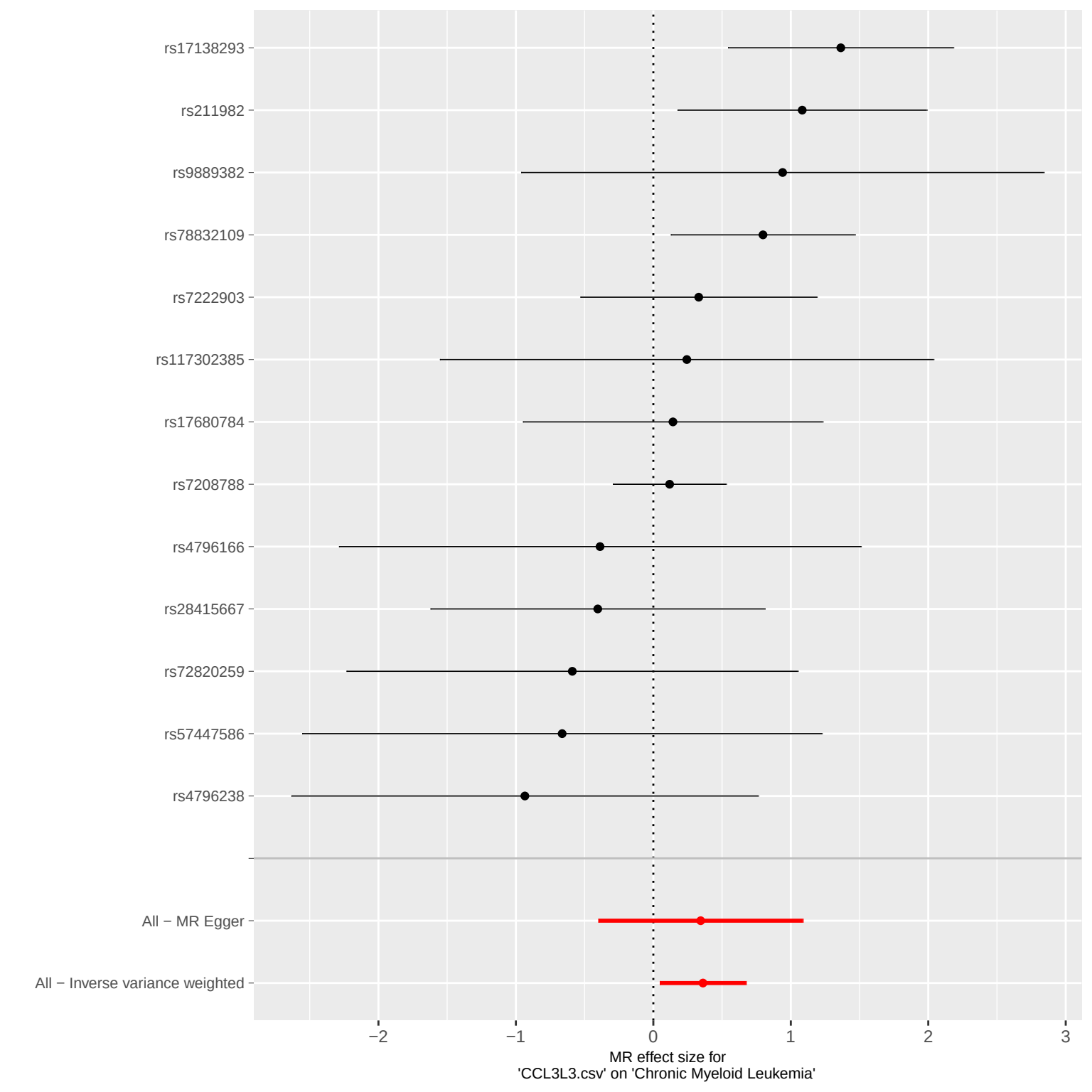
rs55828406
rs75407891
rs148045357
rs114546810
rs28918069
rs145712863
rs779850
rs62370948
rs2972781
rs17240372
rs72757019
rs60301772
rs929828
rs13162569
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'CCDC152.csv' on 'Chronic Myeloid Leukemia'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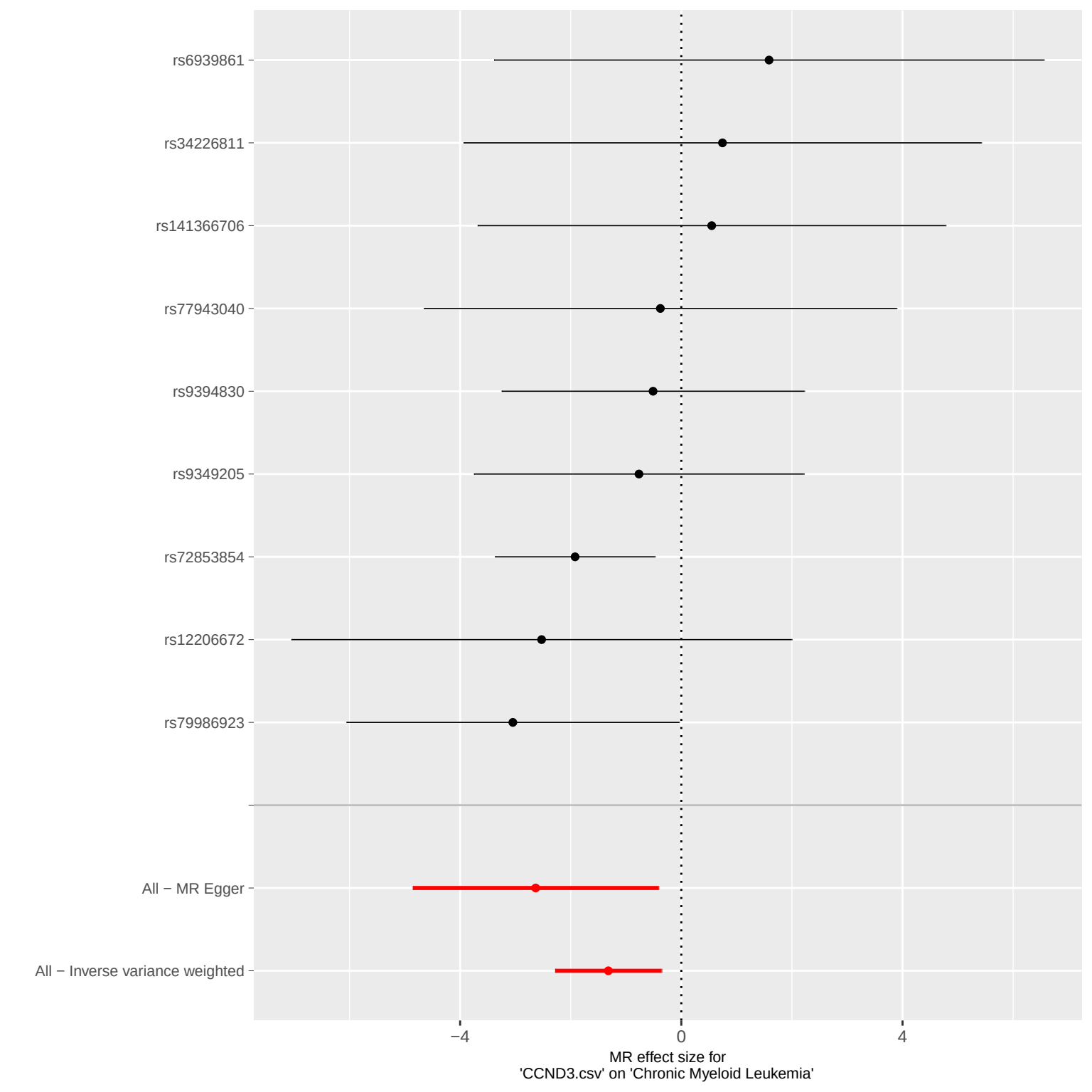
rs78832109
rs7222903
rs117302385
rs17680784
rs7208788
rs4796166
rs28415667
rs72820259
rs57447586
rs4796238
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'CCL3L3.csv' on 'Chronic Myeloid Leukemia'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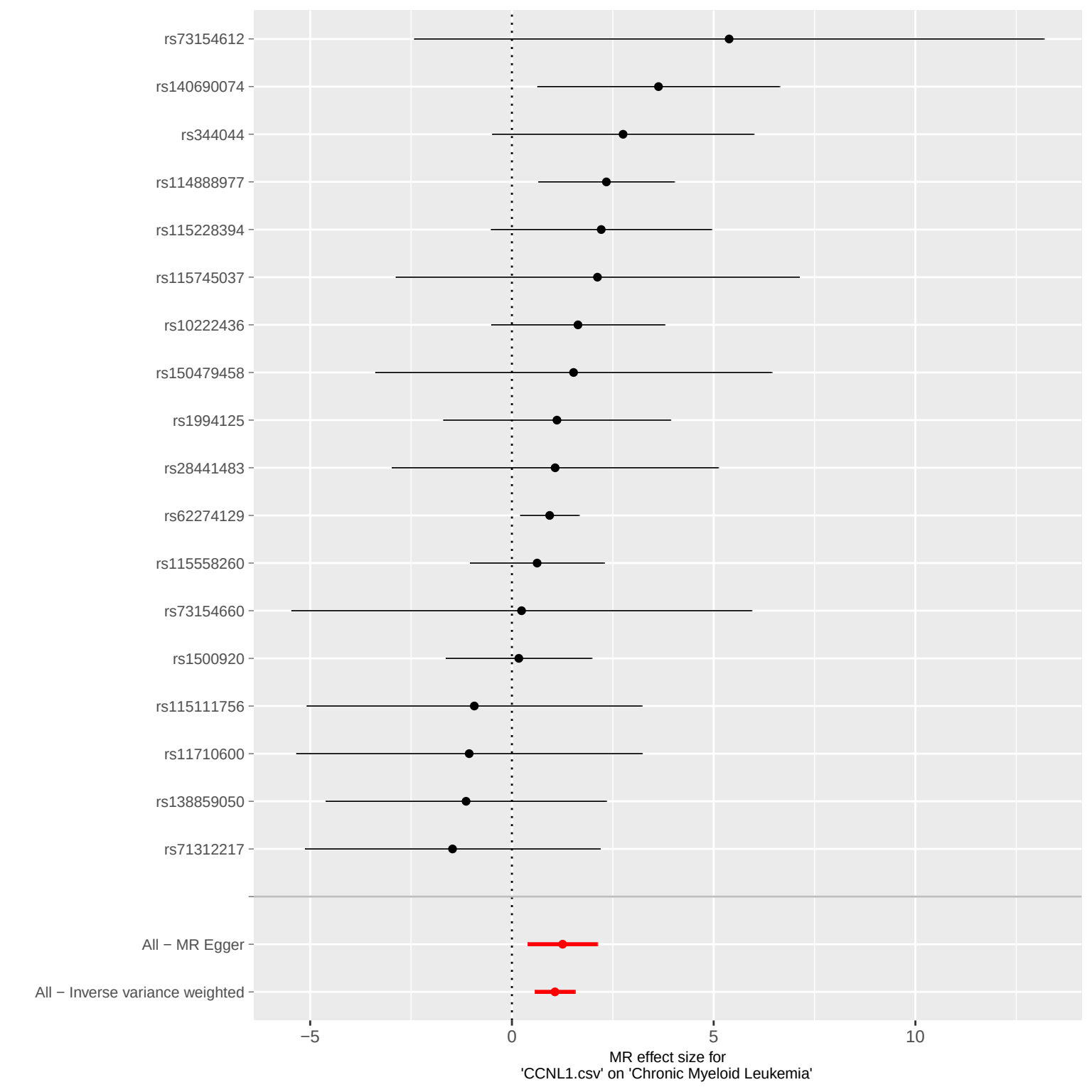
rs34226811
rs141366706
rs77943040
rs9394830
rs9349205
rs72853854
rs12206672
rs79986923
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CCND3.csv' on 'Chronic Myeloid Leukemia'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rs28441483
rs62274129
rs115558260
rs73154660
rs1500920
rs115111756
rs11710600
rs138859050
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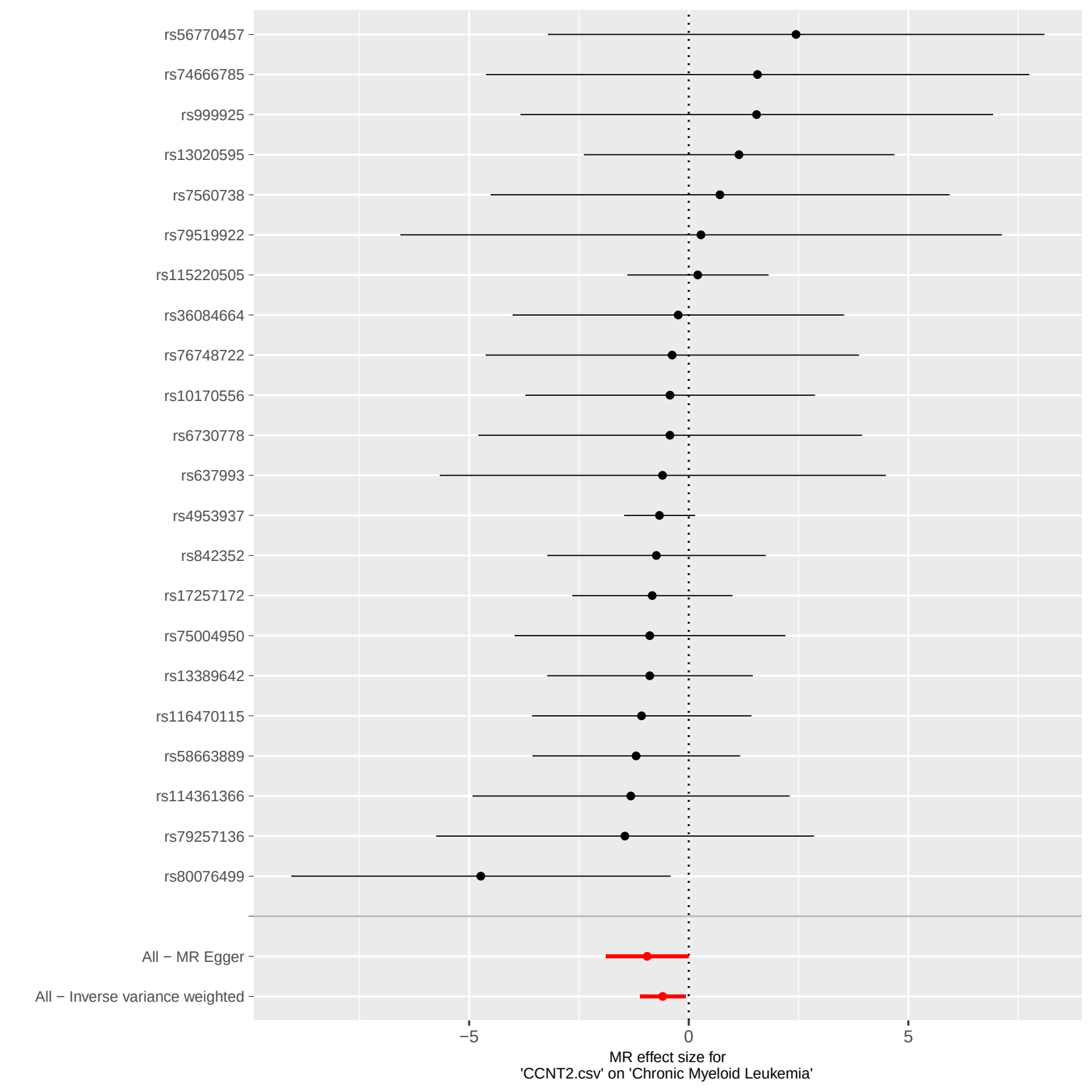
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'CCNL1.csv' on 'Chronic Myeloid Leukemia'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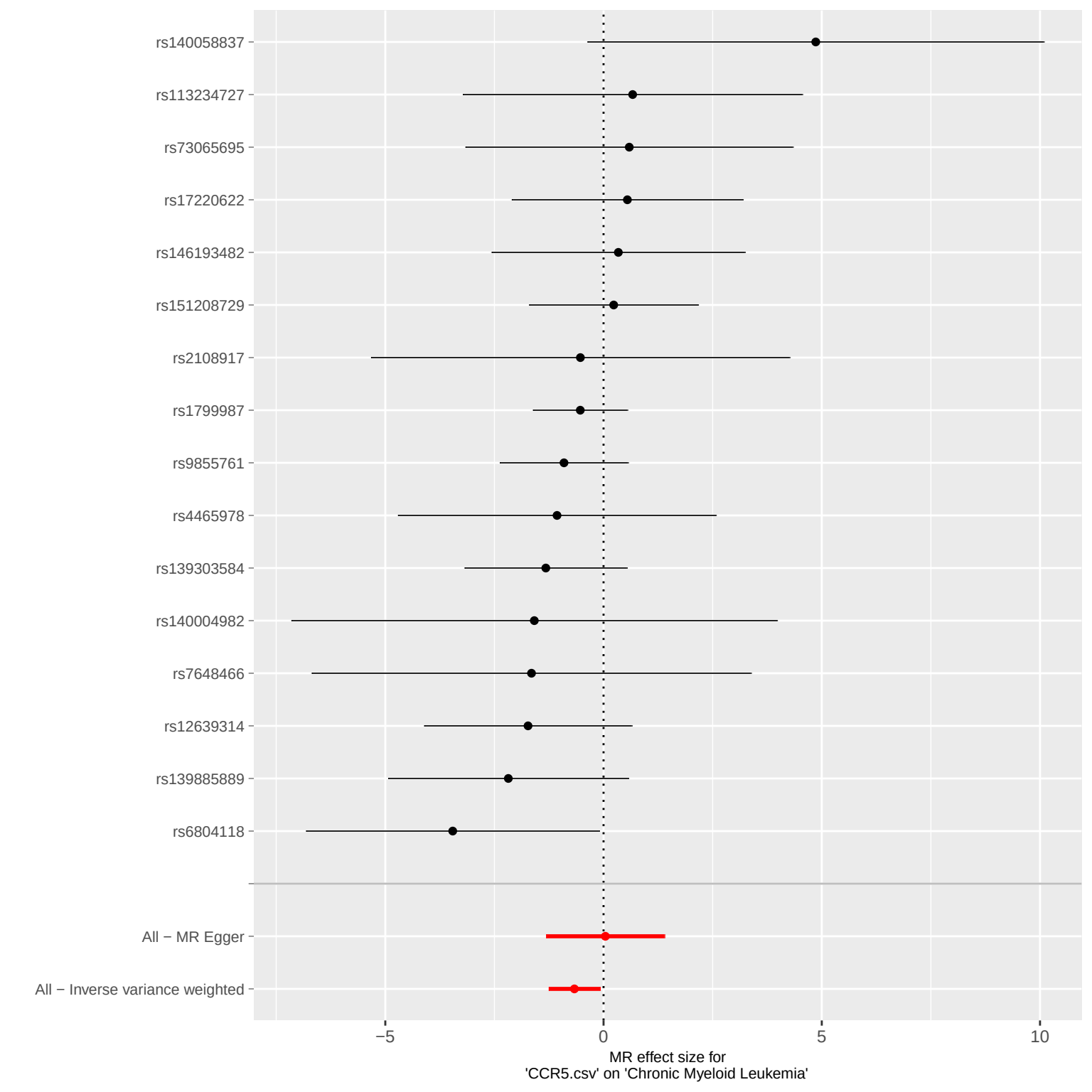
rs13020595
rs7560738
rs79519922
rs115220505
rs36084664
rs76748722
rs10170556
rs6730778
rs637993
rs4953937
rs842352
rs17257172
rs75004950
rs13389642
rs116470115
rs58663889
rs114361366
rs79257136
rs80076499
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CCNT2.csv' on 'Chronic Myeloid Leukemia'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rs151208729
rs2108917
rs1799987
rs9855761
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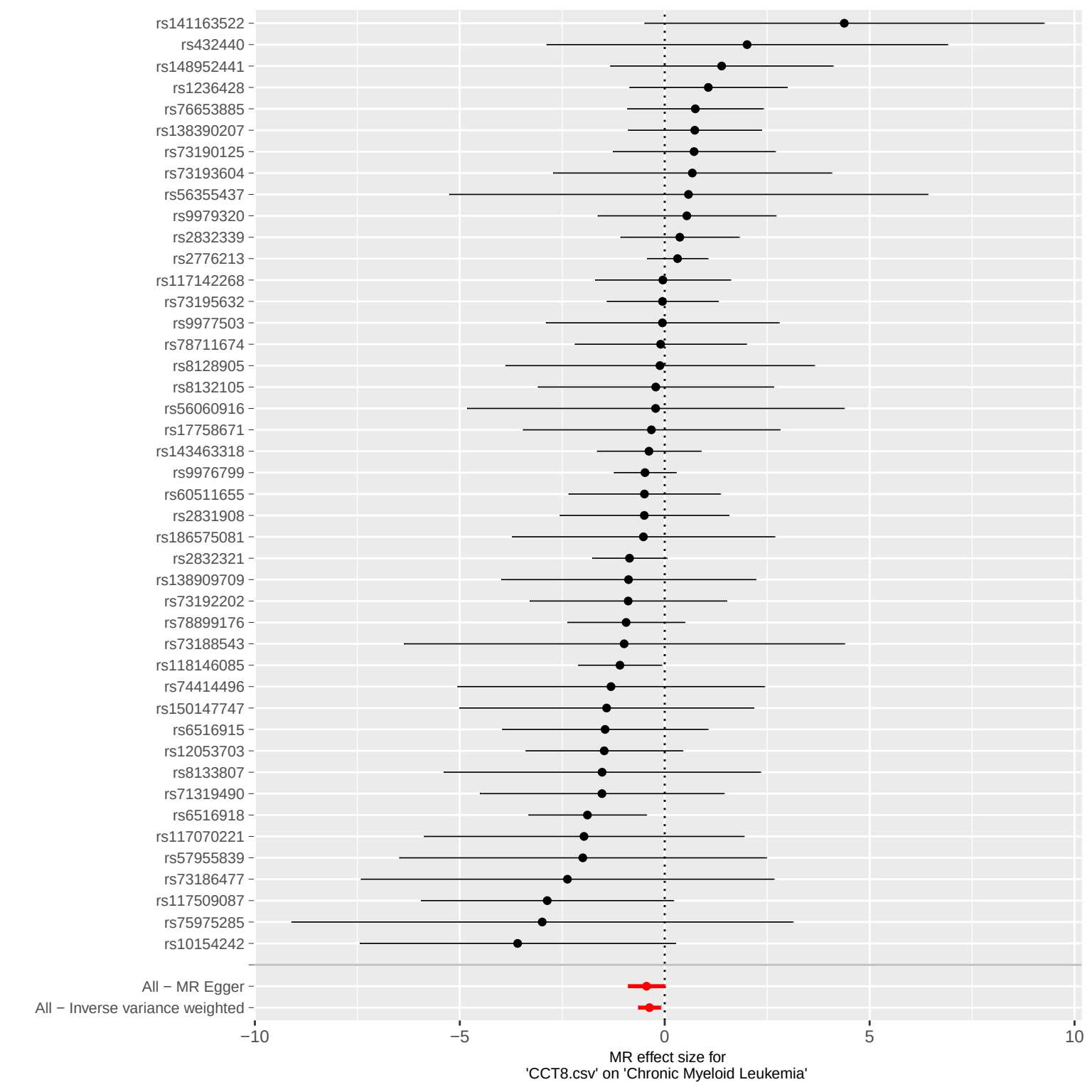
rs139303584
rs140004982
rs7648466
rs12639314
rs139885889
rs6804118
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'CCR5.csv' on 'Chronic Myeloid Leukemia'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rs2776213
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rs73195632
rs9977503
rs78711674
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rs8132105
rs56060916
rs17758671
rs143463318
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rs60511655
rs2831908
rs186575081
rs2832321
rs138909709
rs73192202
rs78899176
rs73188543
rs118146085
rs74414496
rs150147747
rs6516915
rs12053703
rs8133807
rs71319490
rs6516918
rs117070221
rs57955839
rs73186477
rs117509087
rs75975285
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All − MR Egger
All − Inverse variance weighted
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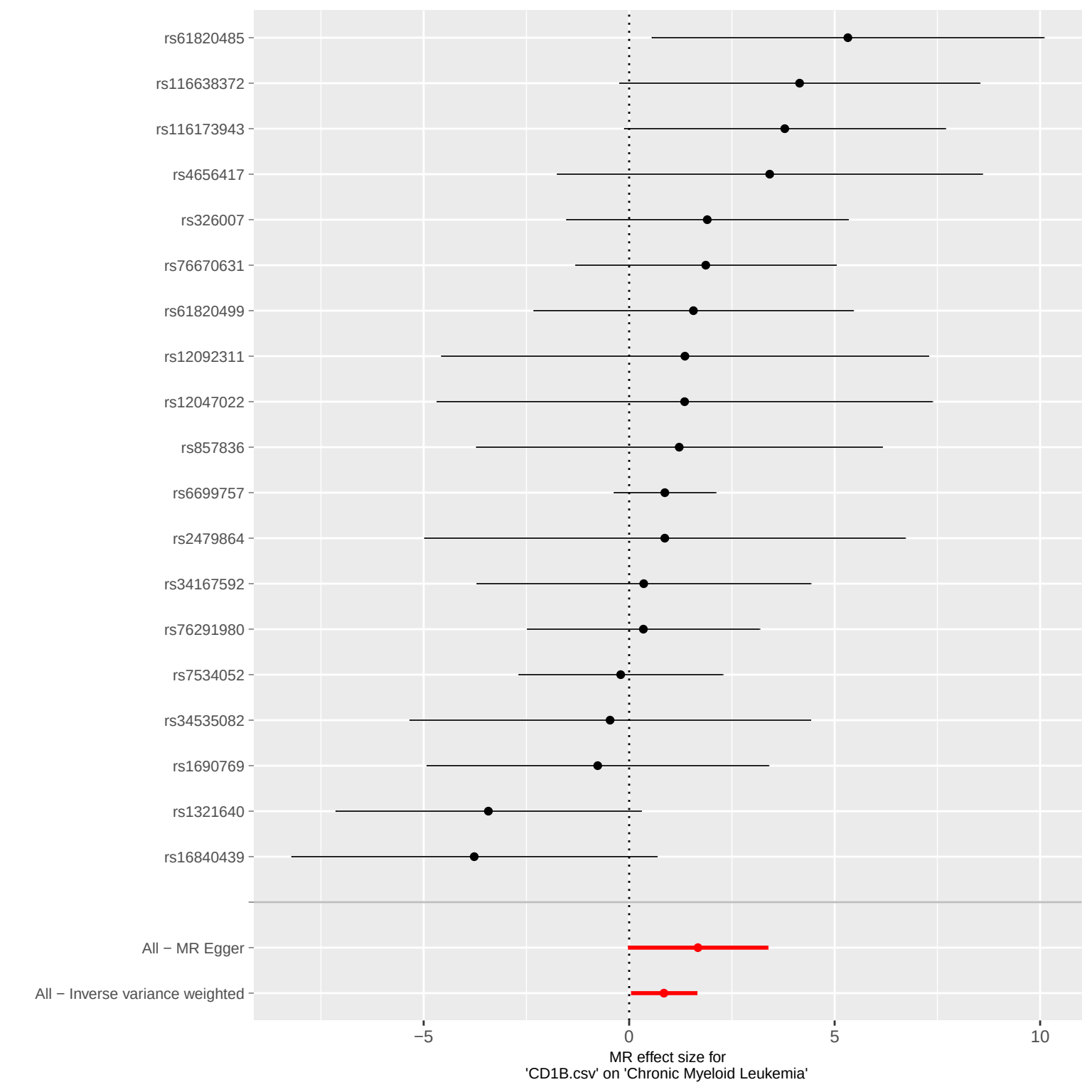
−5
0
5
10
MR effect size for
'CCT8.csv' on 'Chronic Myeloid Leukemia'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rs4656417
rs326007
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rs12092311
rs12047022
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rs34167592
rs76291980
rs7534052
rs34535082
rs1690769
rs1321640
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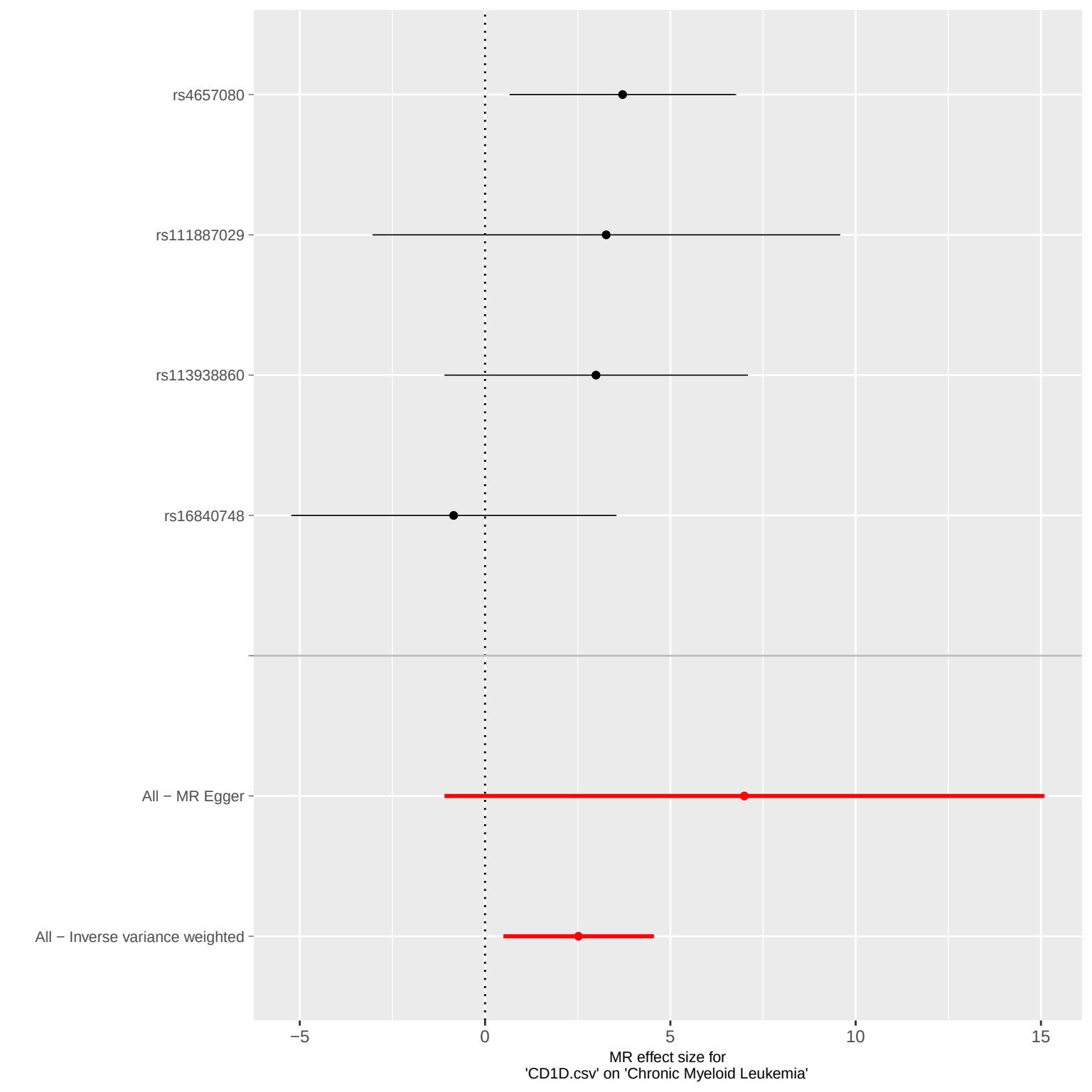
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'CD1B.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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5
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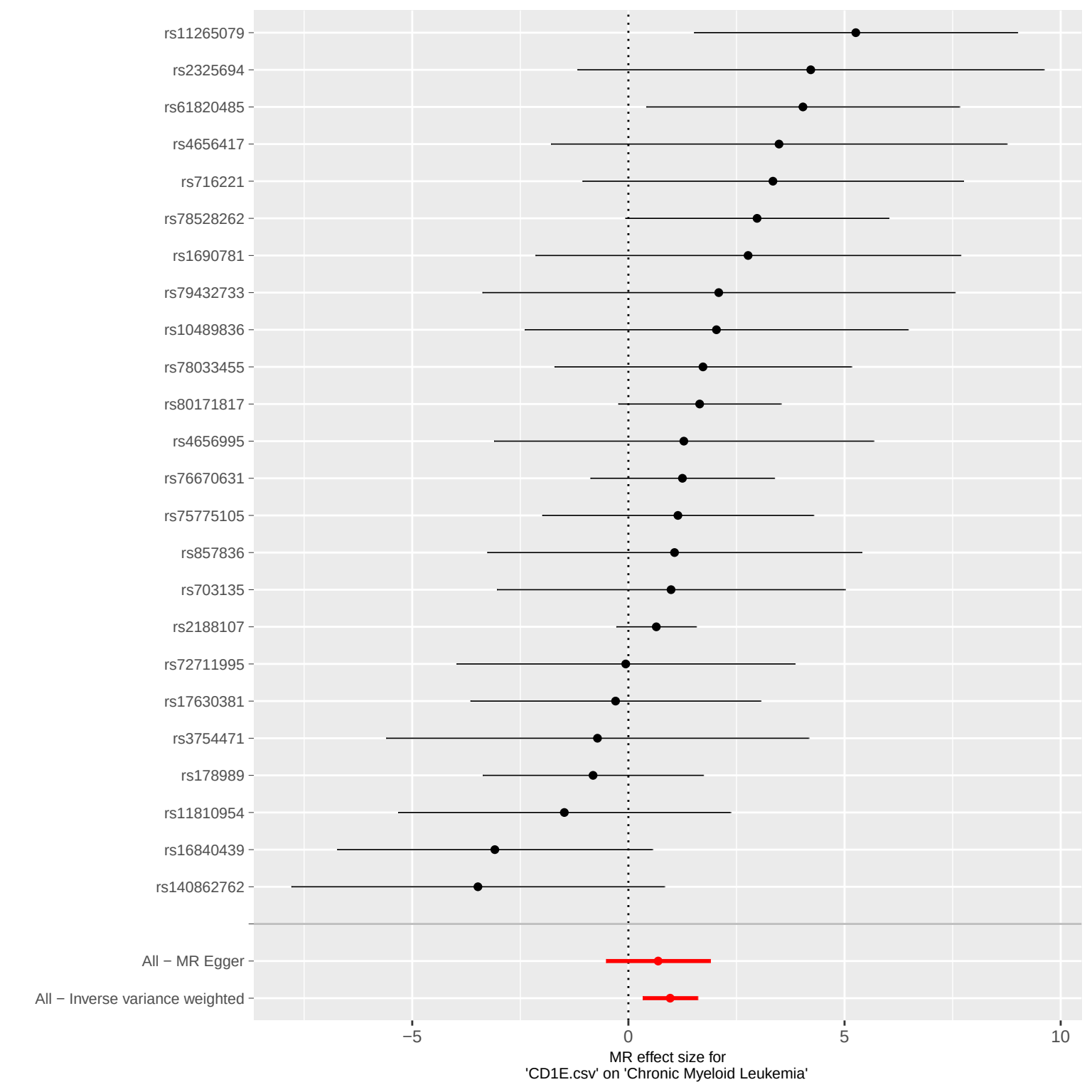
15
MR effect size for
'CD1D.csv' on 'Chronic Myeloid Leukemia'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rs76670631
rs75775105
rs857836
rs703135
rs2188107
rs72711995
rs17630381
rs3754471
rs178989
rs11810954
rs16840439
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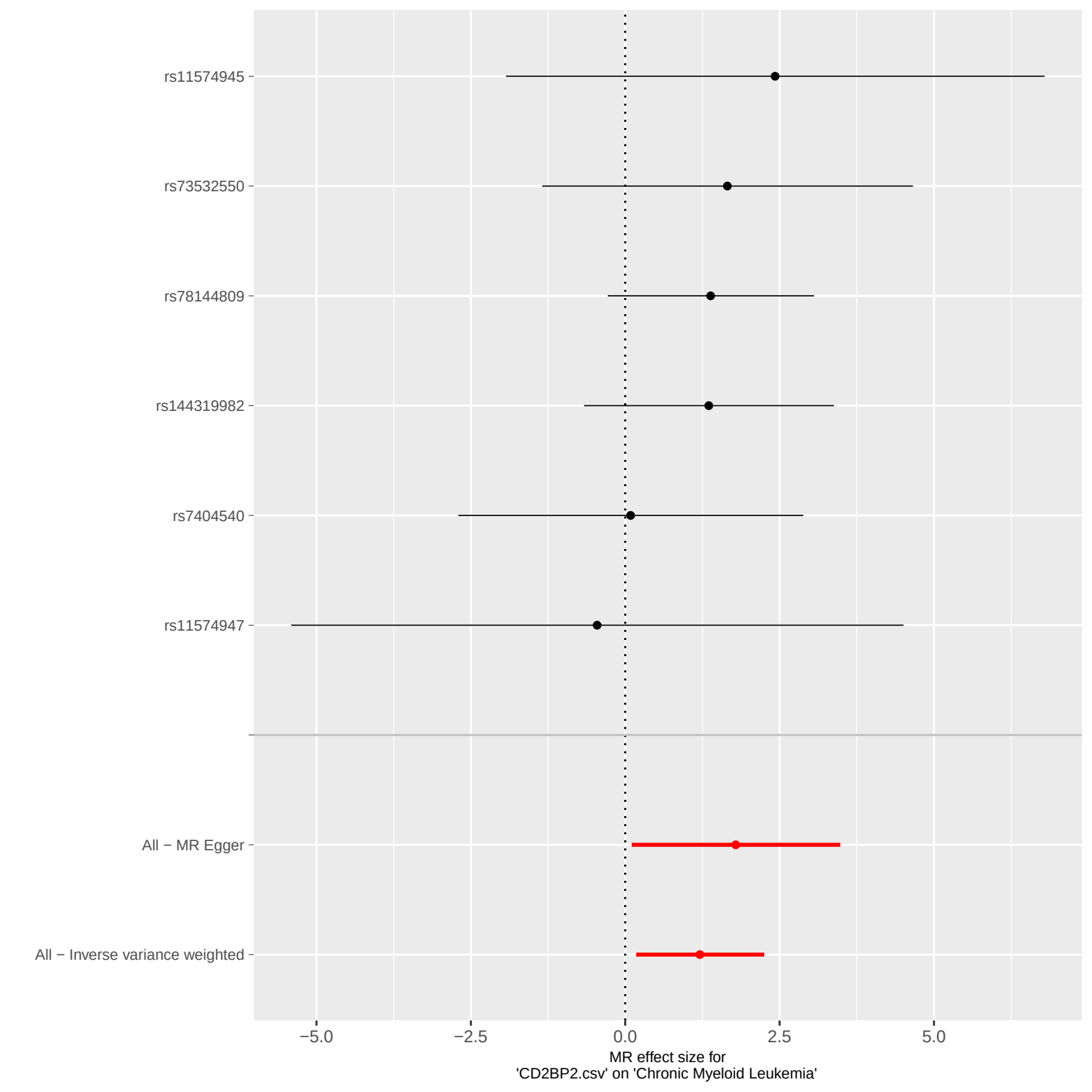
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'CD1E.csv' on 'Chronic Myeloid Leukemia'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rs7404540
rs11574947
All − MR Egger
All − Inverse variance weighted
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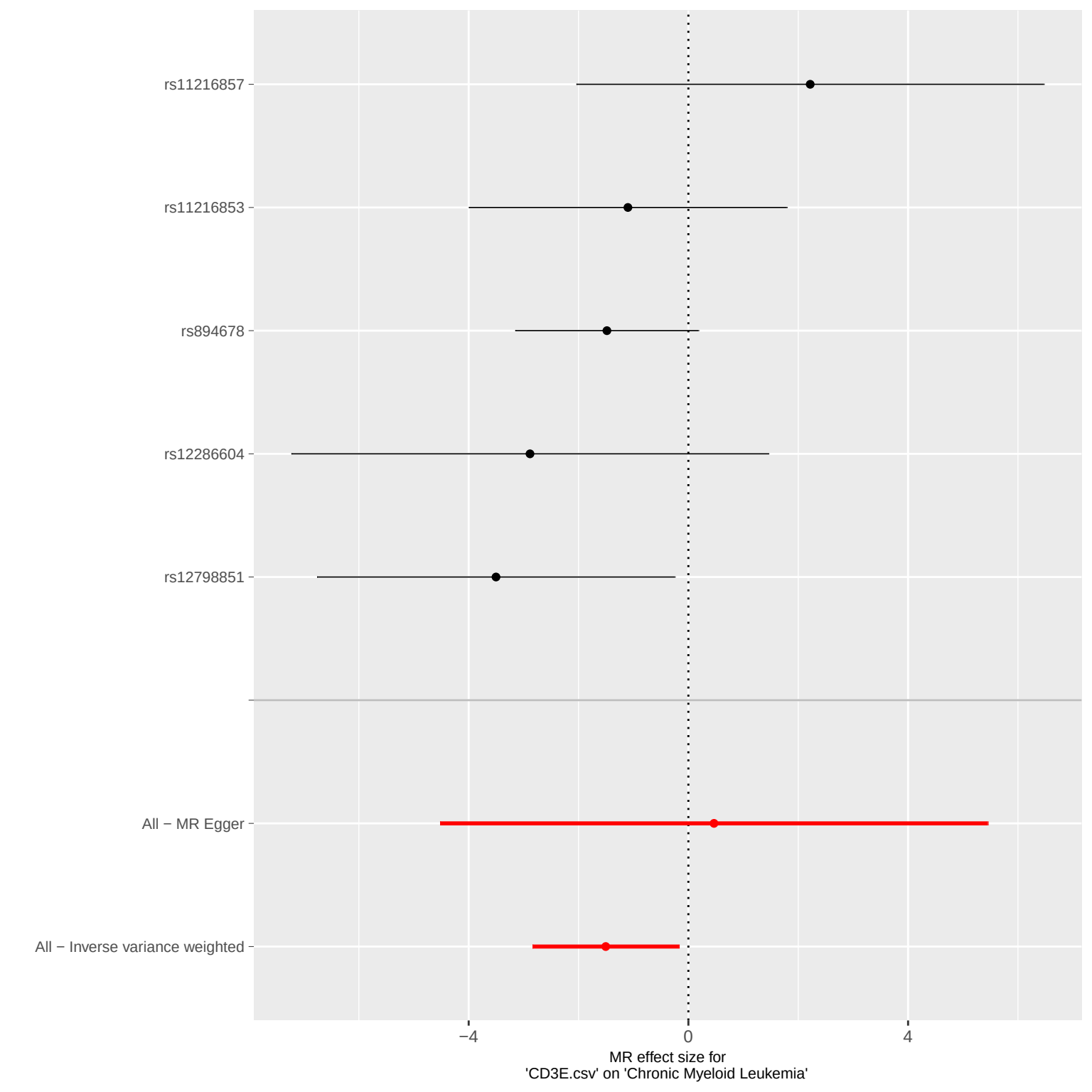
−2.5
0.0
2.5
5.0
MR effect size for
'CD2BP2.csv' on 'Chronic Myeloid Leukemia'


rs11216857
rs11216853
rs894678
rs12286604
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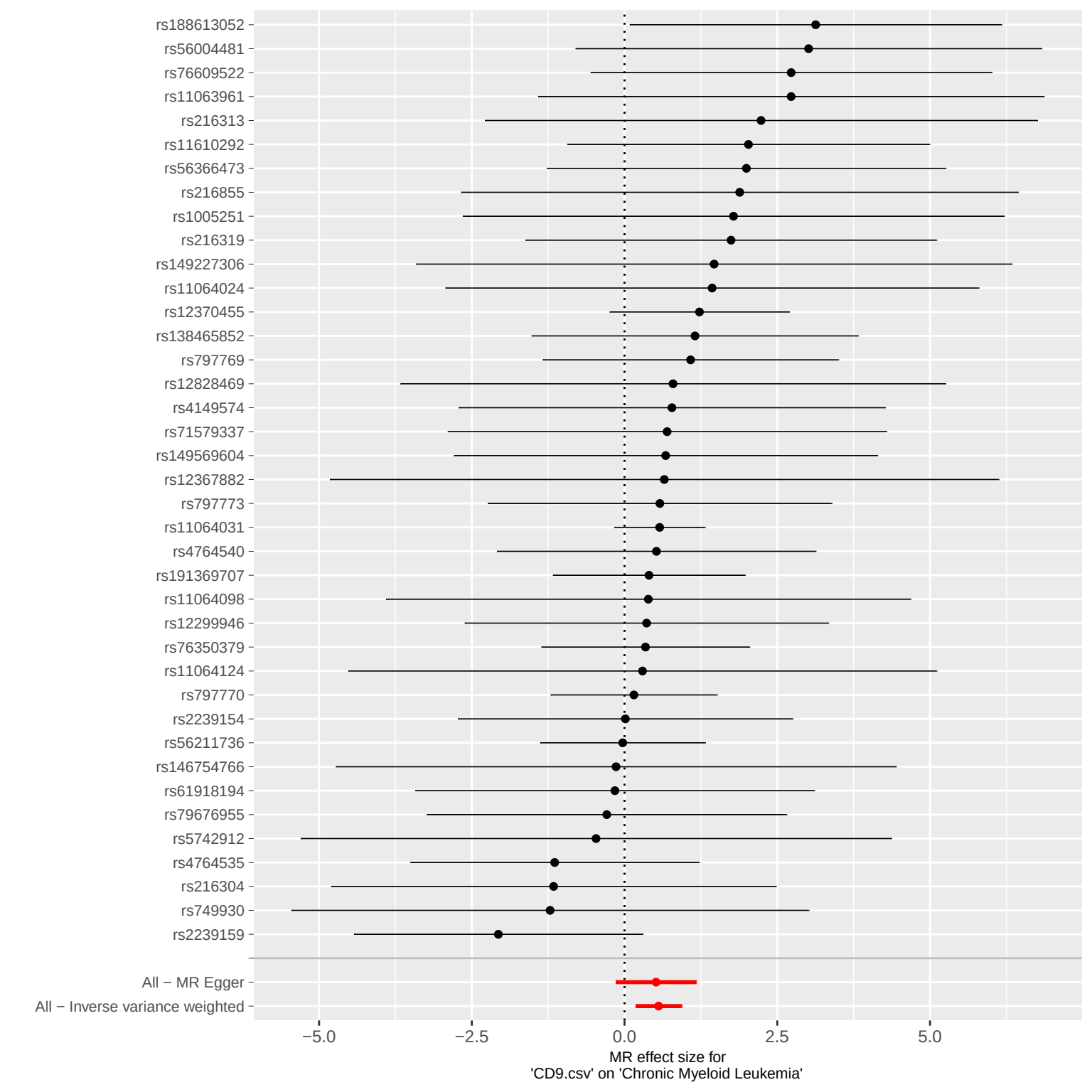
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CD3E.csv' on 'Chronic Myeloid Leukemia'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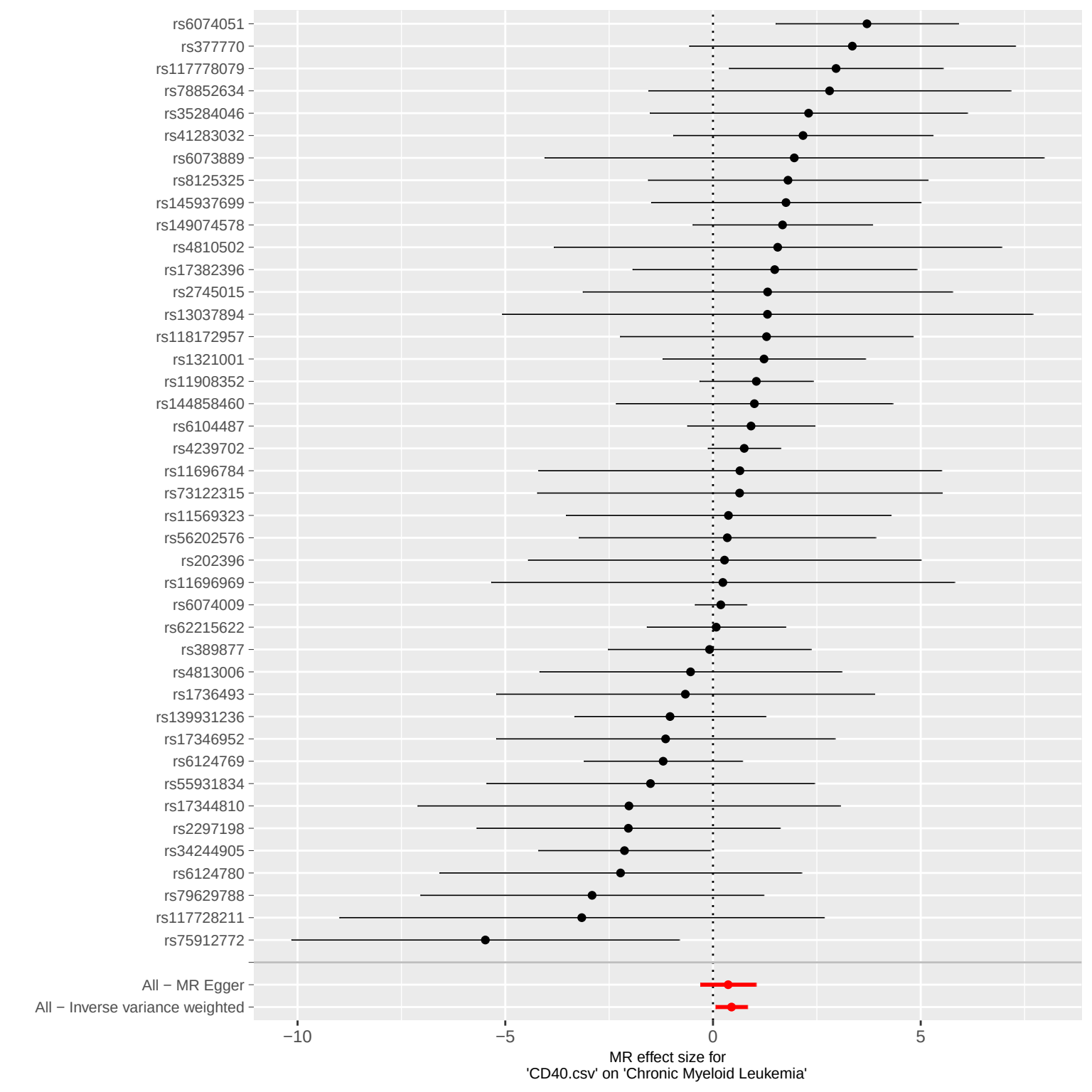
rs797773
rs11064031
rs4764540
rs191369707
rs11064098
rs12299946
rs76350379
rs11064124
rs797770
rs2239154
rs56211736
rs146754766
rs61918194
rs79676955
rs5742912
rs4764535
rs216304
rs749930
rs2239159
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CD9.csv' on 'Chronic Myeloid Leukemia'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rs17346952
rs6124769
rs55931834
rs17344810
rs2297198
rs34244905
rs6124780
rs79629788
rs117728211
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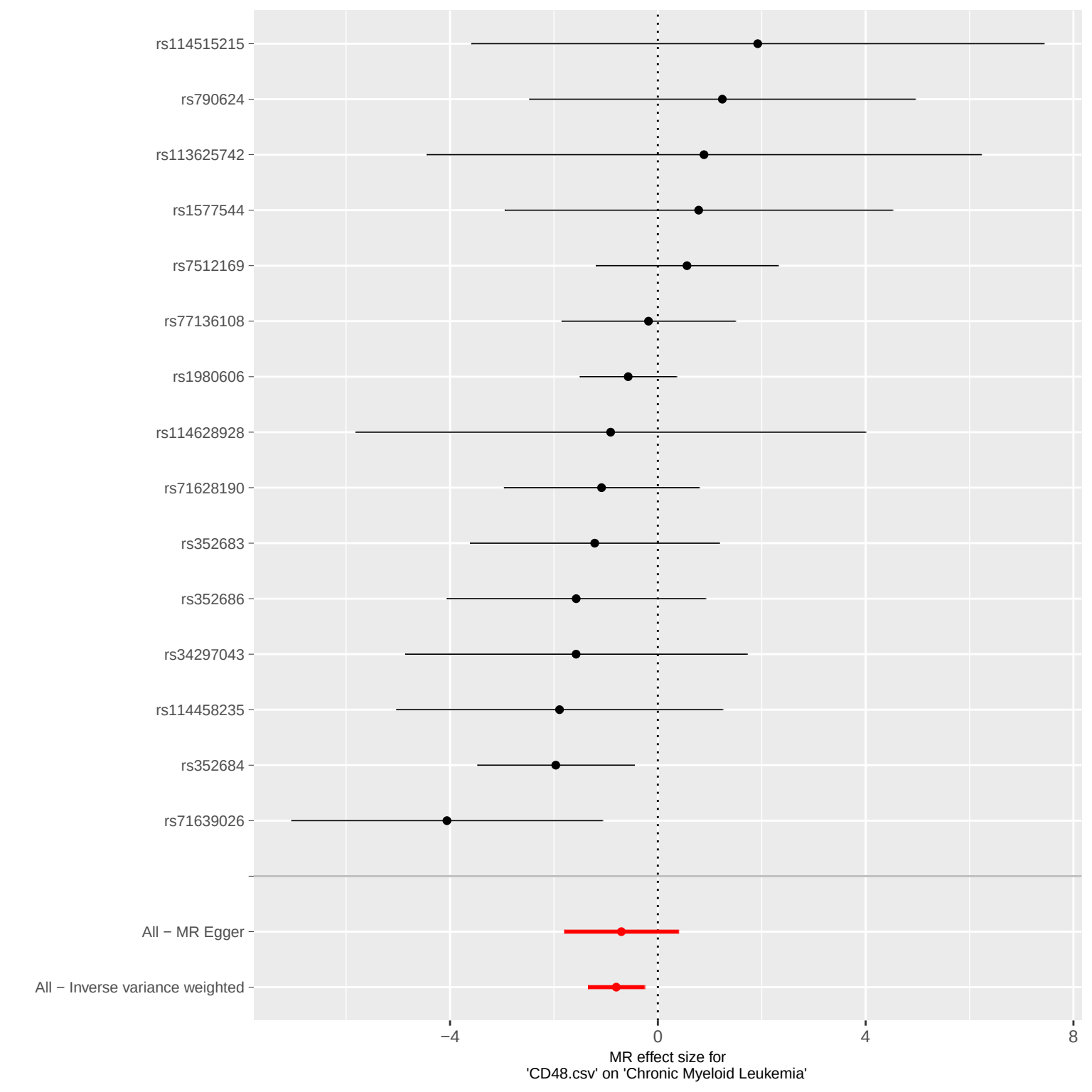
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CD40.csv' on 'Chronic Myeloid Leukemia'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rs77136108
rs1980606
rs114628928
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rs352683
rs352686
rs34297043
rs114458235
rs352684
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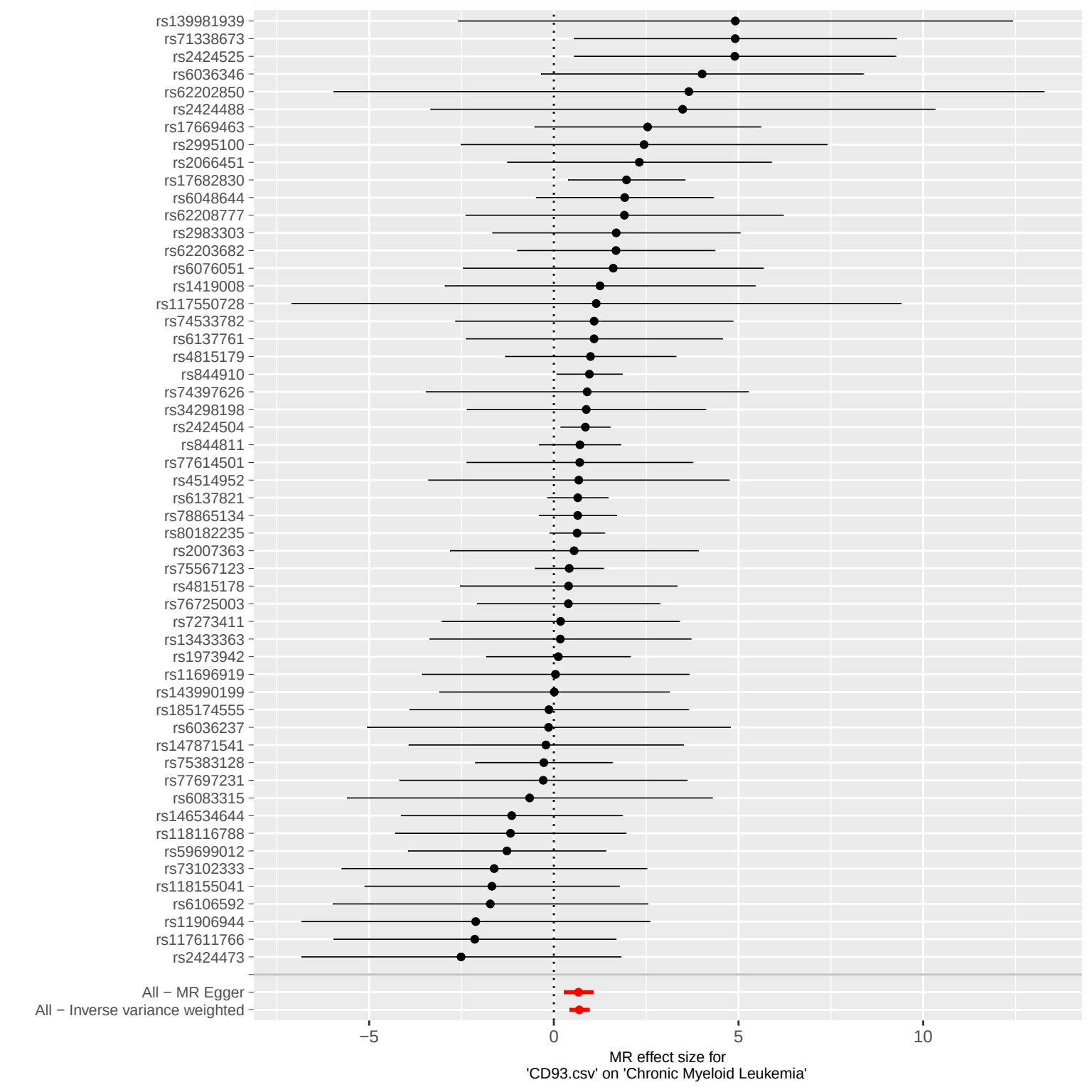
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'CD48.csv' on 'Chronic Myeloid Leukemia'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rs77697231
rs6083315
rs146534644
rs118116788
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rs73102333
rs118155041
rs6106592
rs11906944
rs117611766
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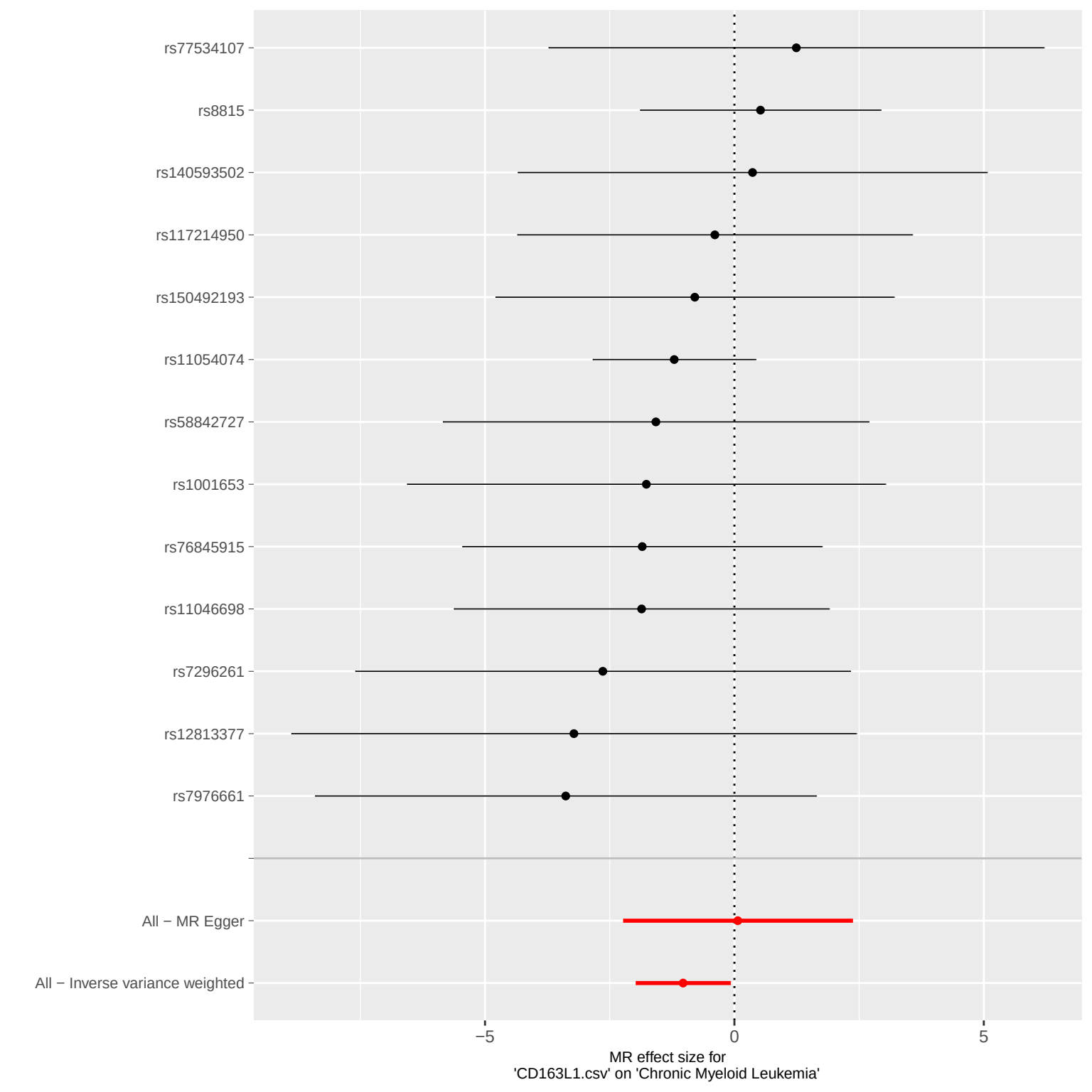
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'CD93.csv' on 'Chronic Myeloid Leukemia'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rs12813377
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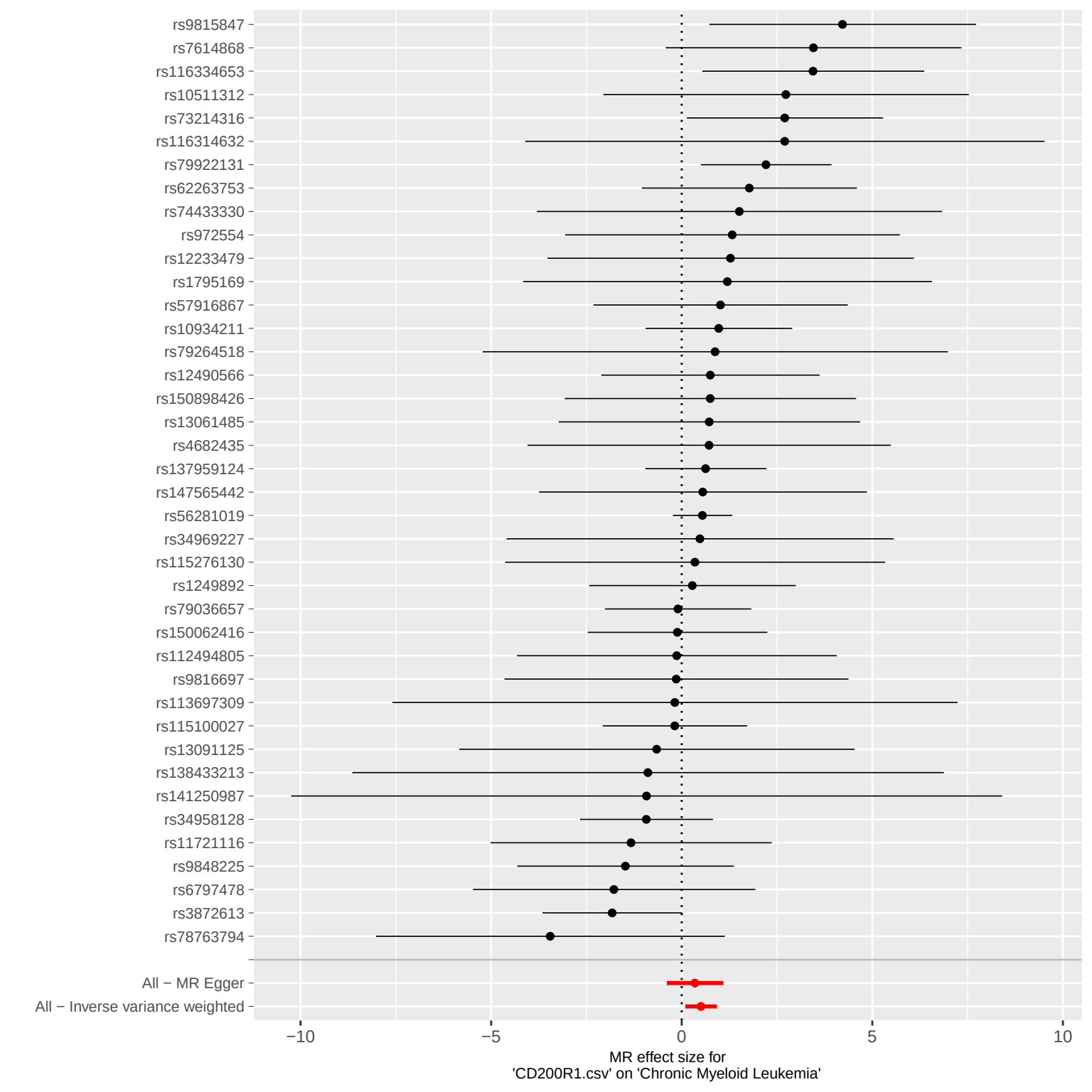
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CD163L1.csv' on 'Chronic Myeloid Leukemia'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rs115100027
rs13091125
rs138433213
rs141250987
rs34958128
rs11721116
rs9848225
rs6797478
rs3872613
rs78763794
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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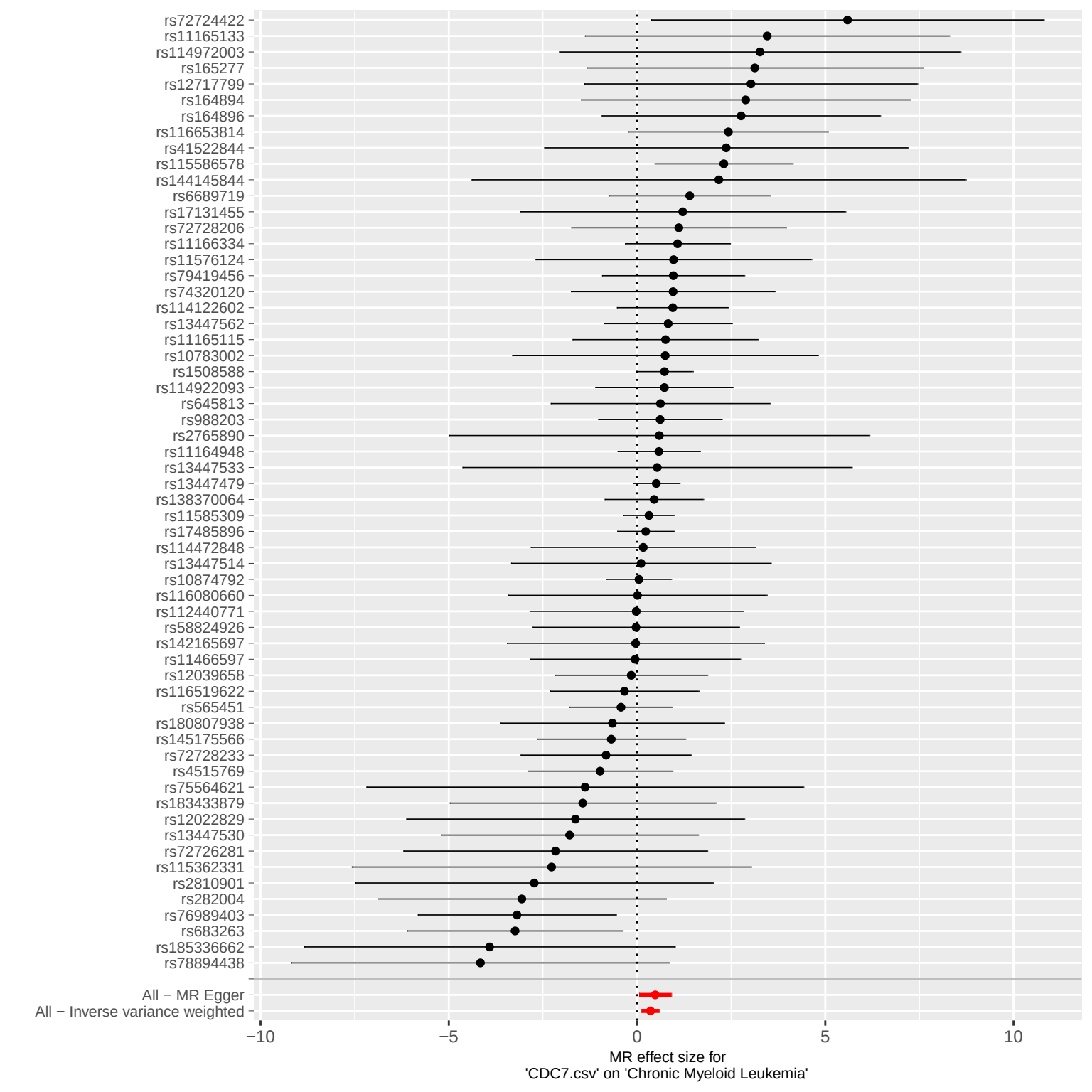
MR effect size for
'CD200R1.csv' on 'Chronic Myeloid Leukemia'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rs2810901
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rs76989403
rs683263
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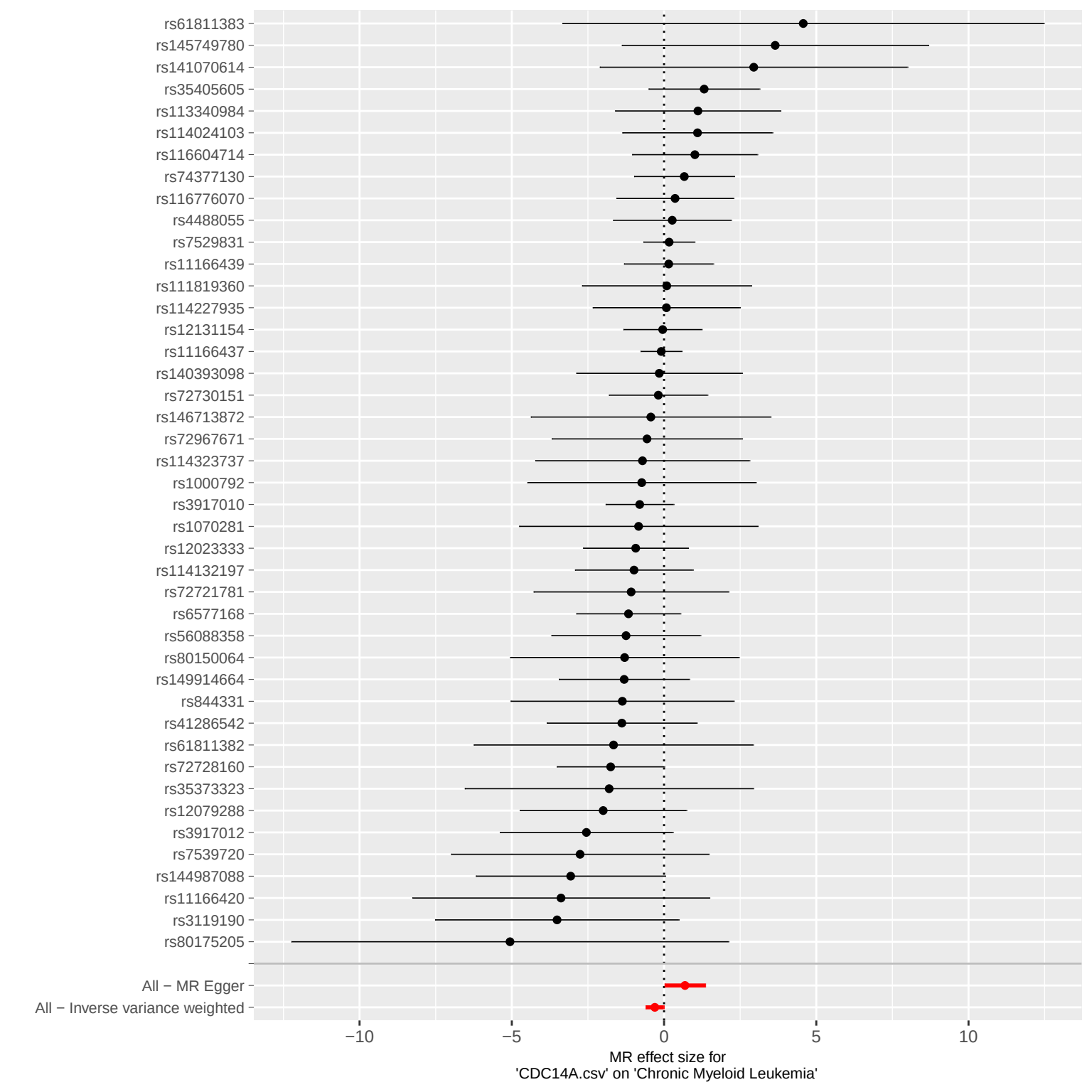
rs78894438
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'CDC7.csv' on 'Chronic Myeloid Leukemia'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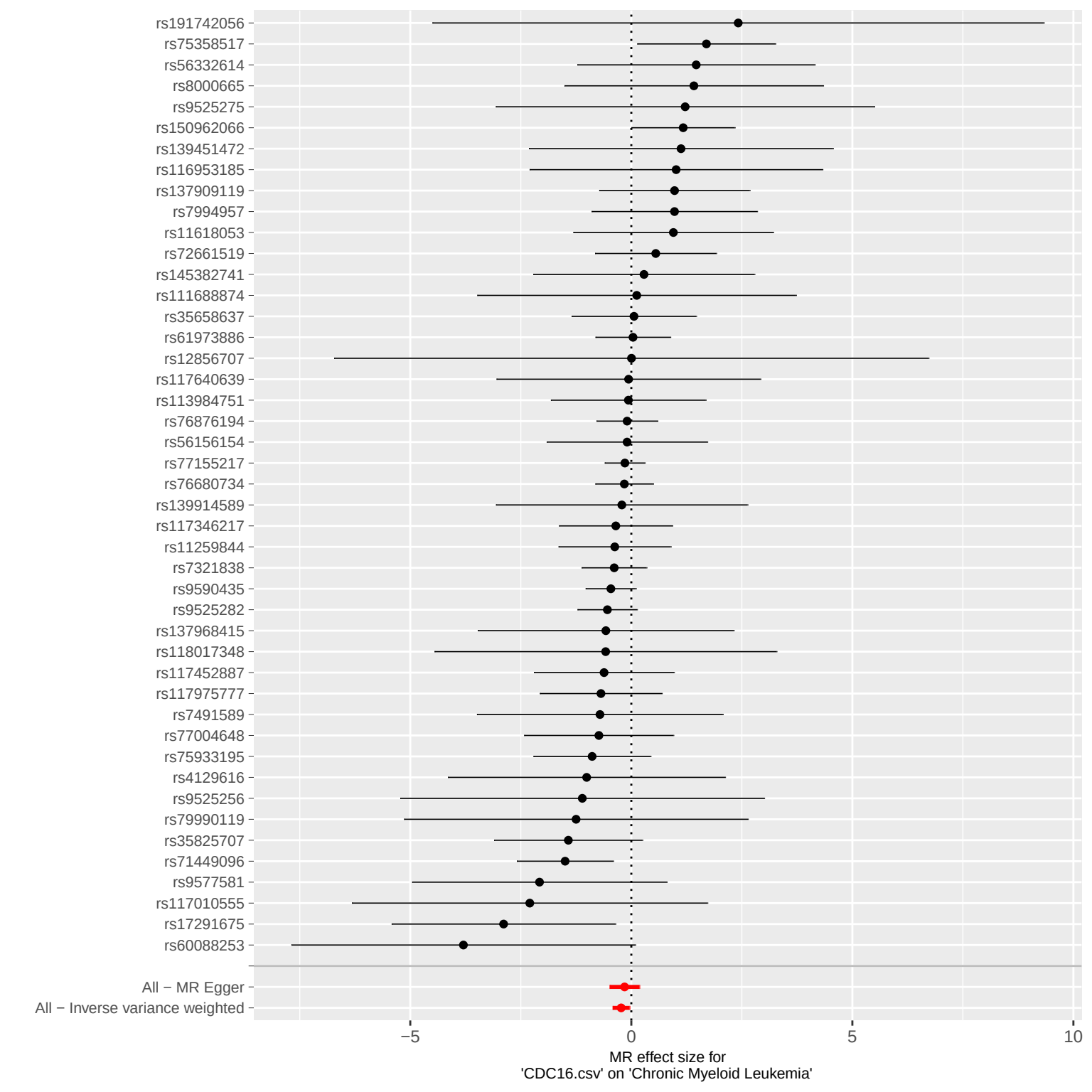
rs7539720
rs144987088
rs11166420
rs3119190
rs80175205
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'CDC14A.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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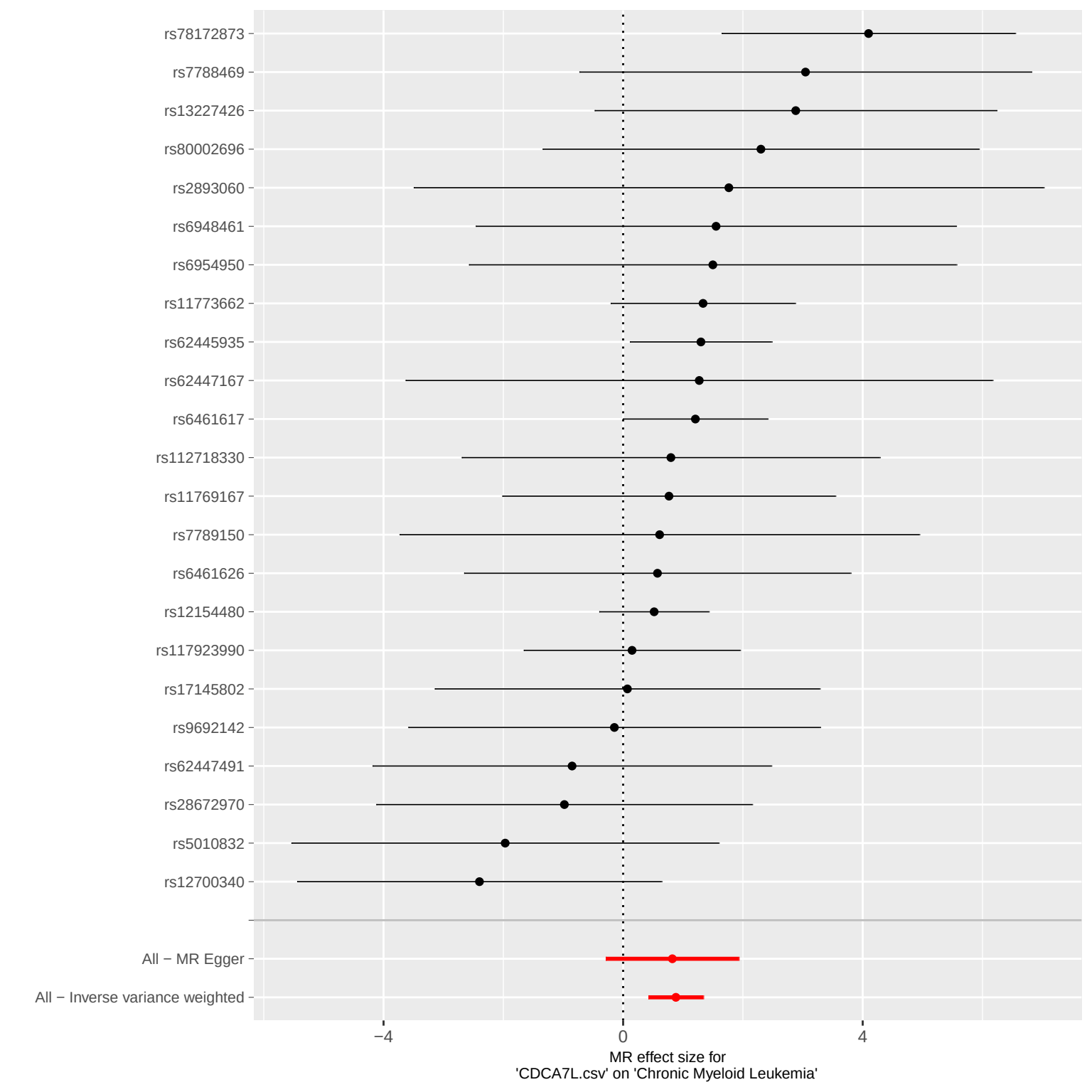
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MR effect size for
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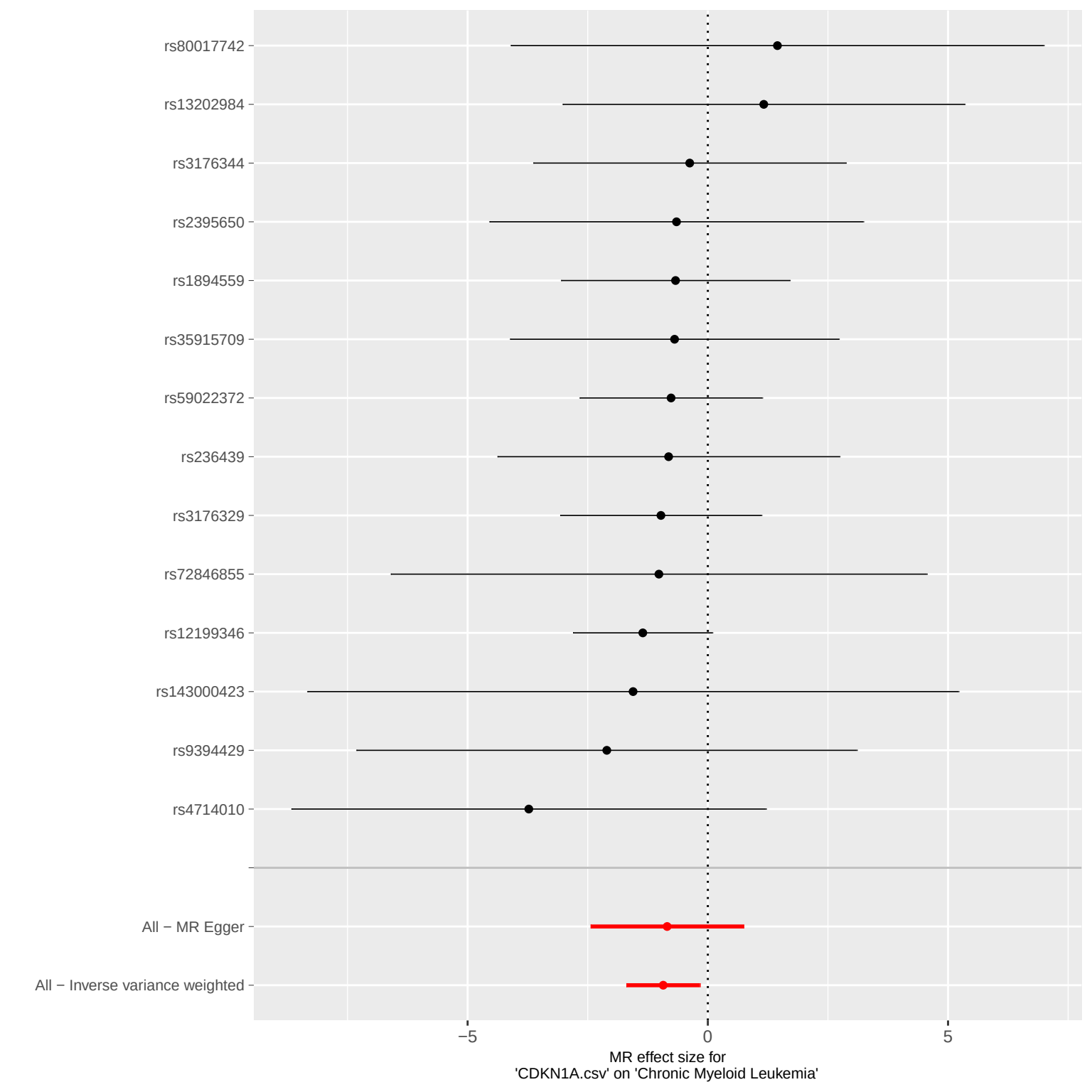
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MR effect size for
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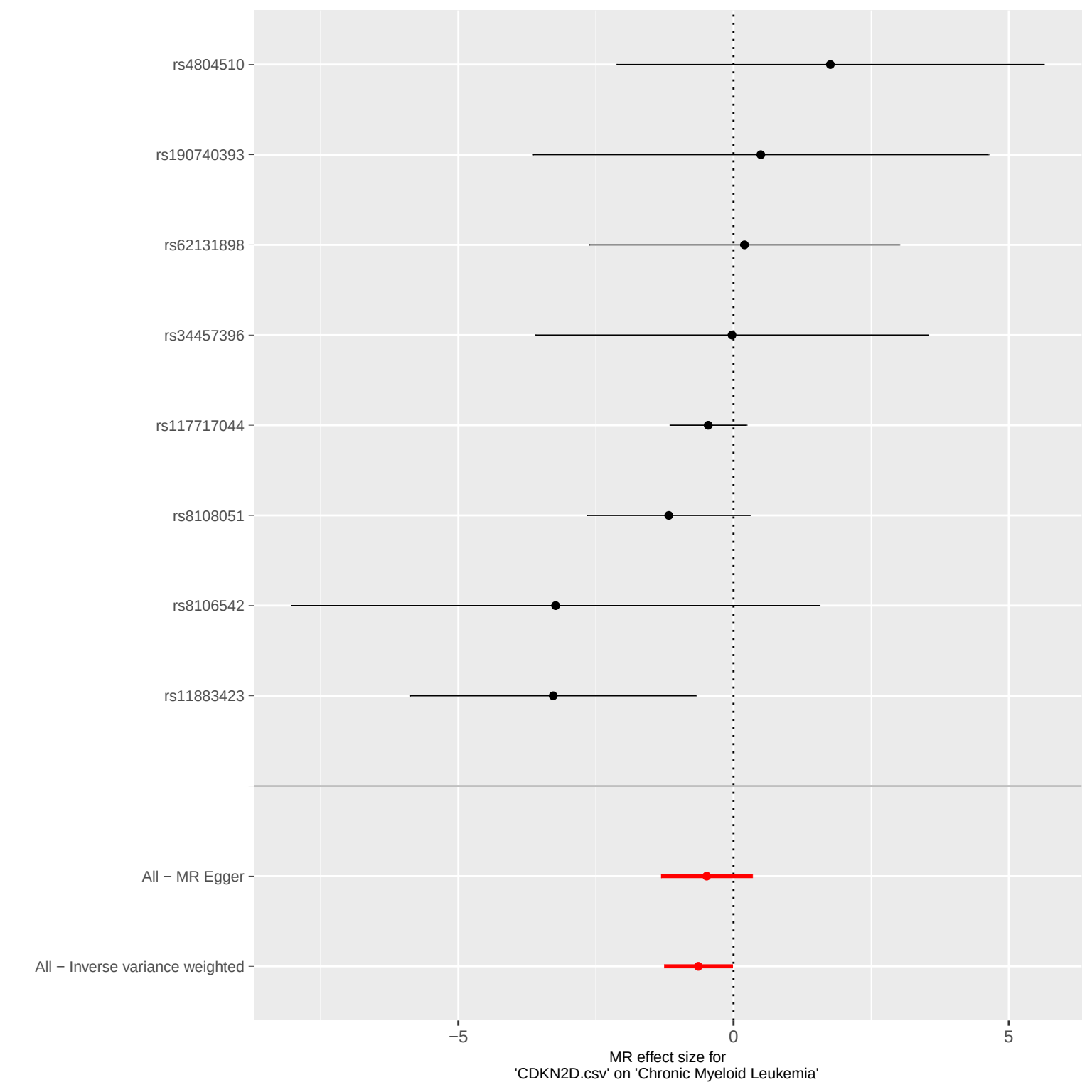
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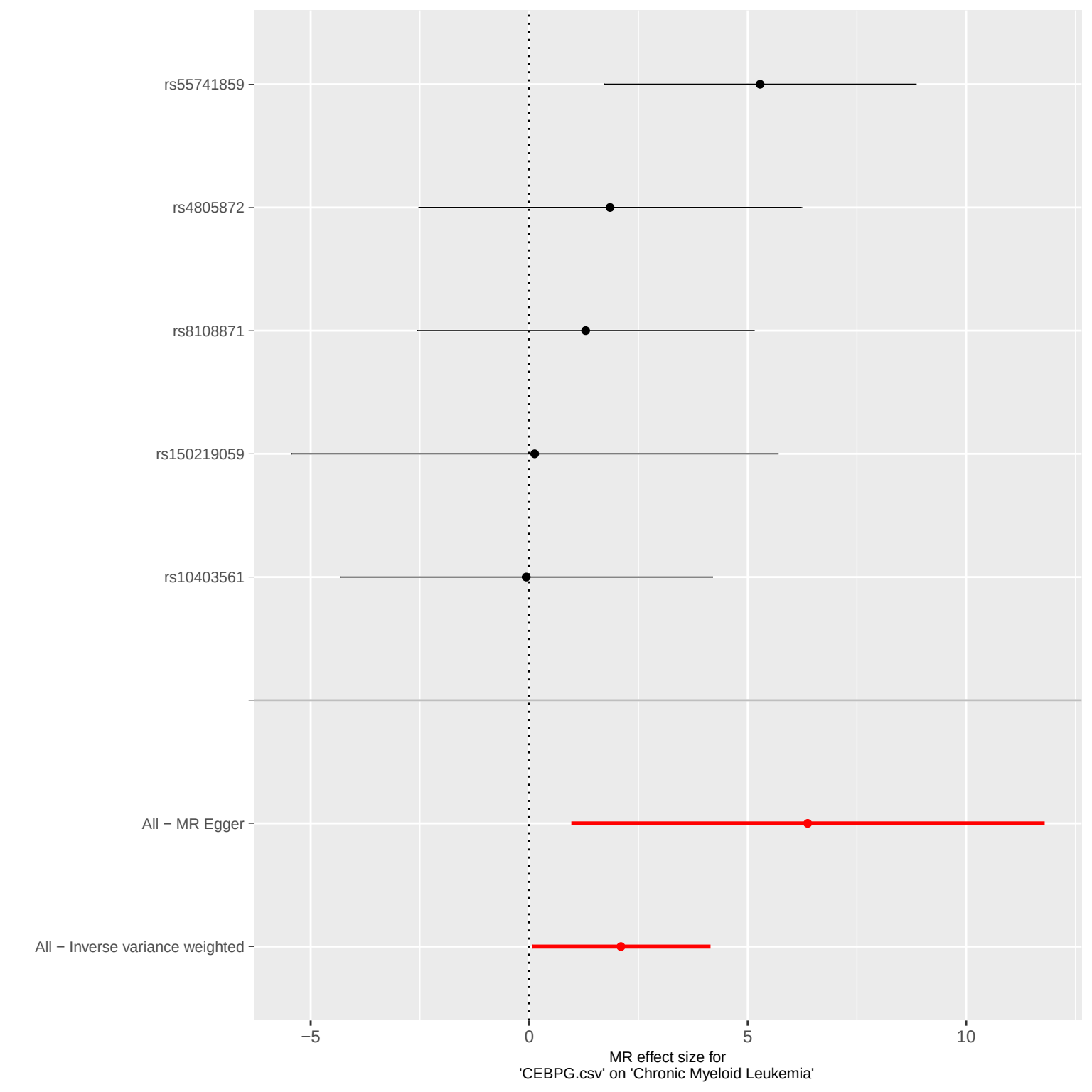
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MR effect size for
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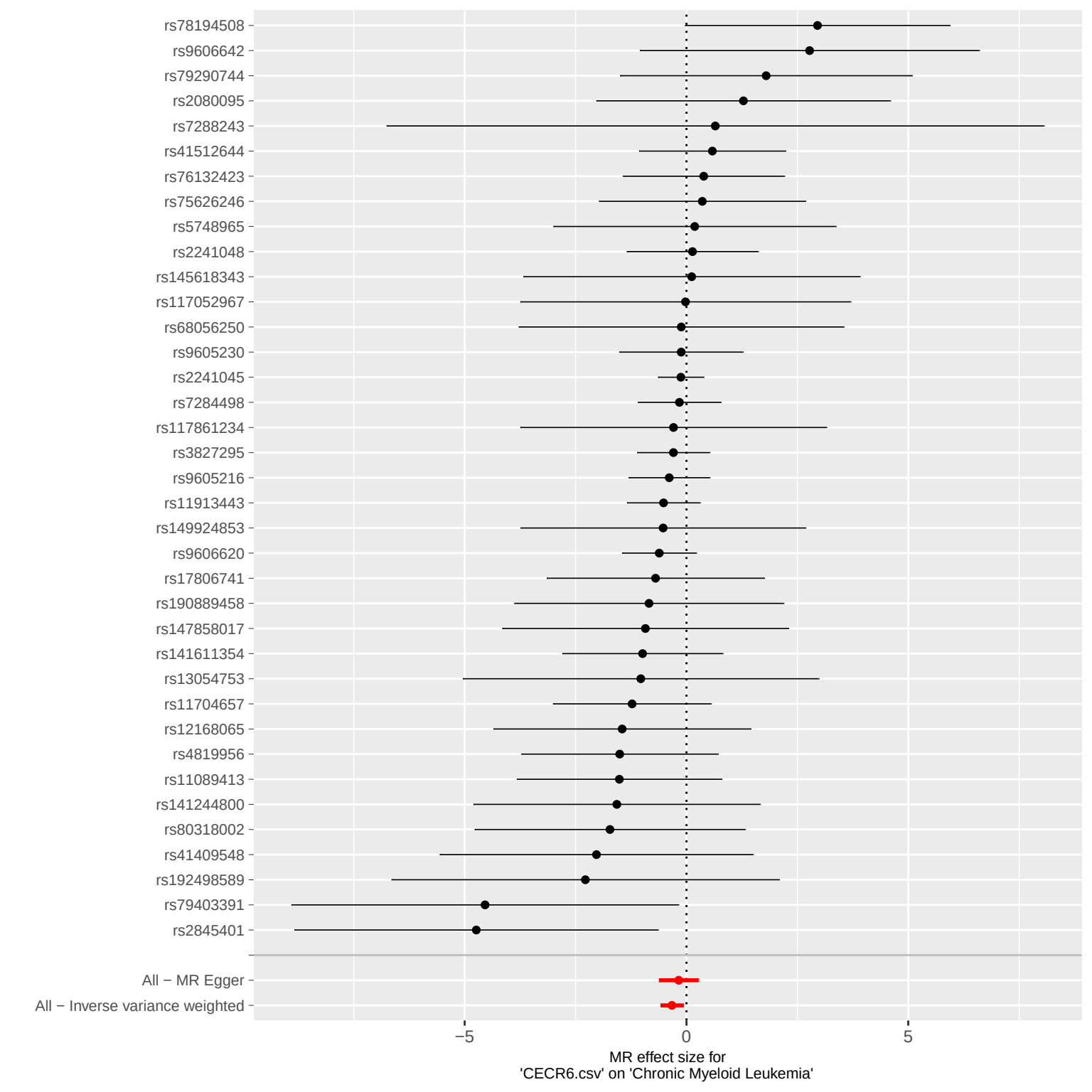
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MR effect size for
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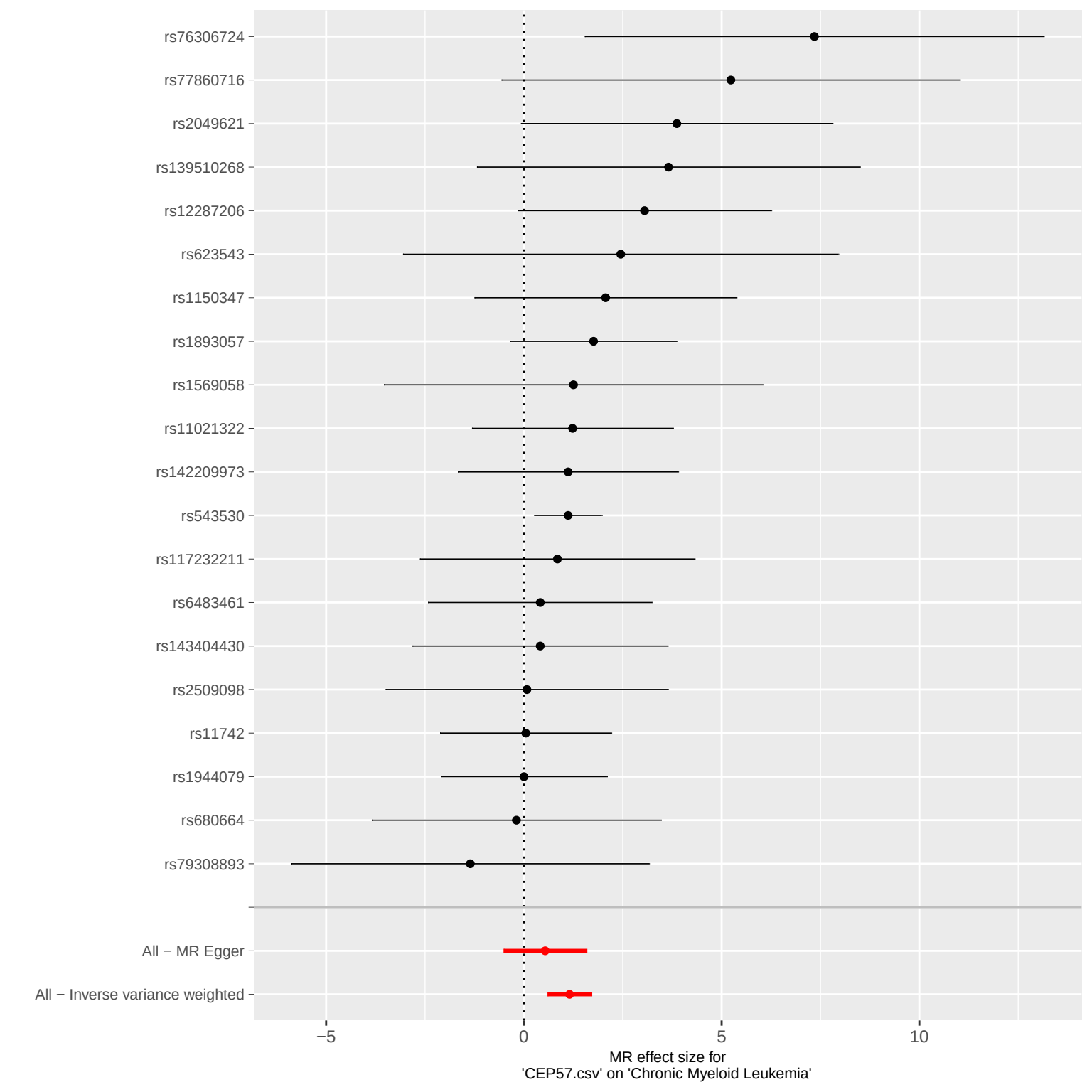
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MR effect size for
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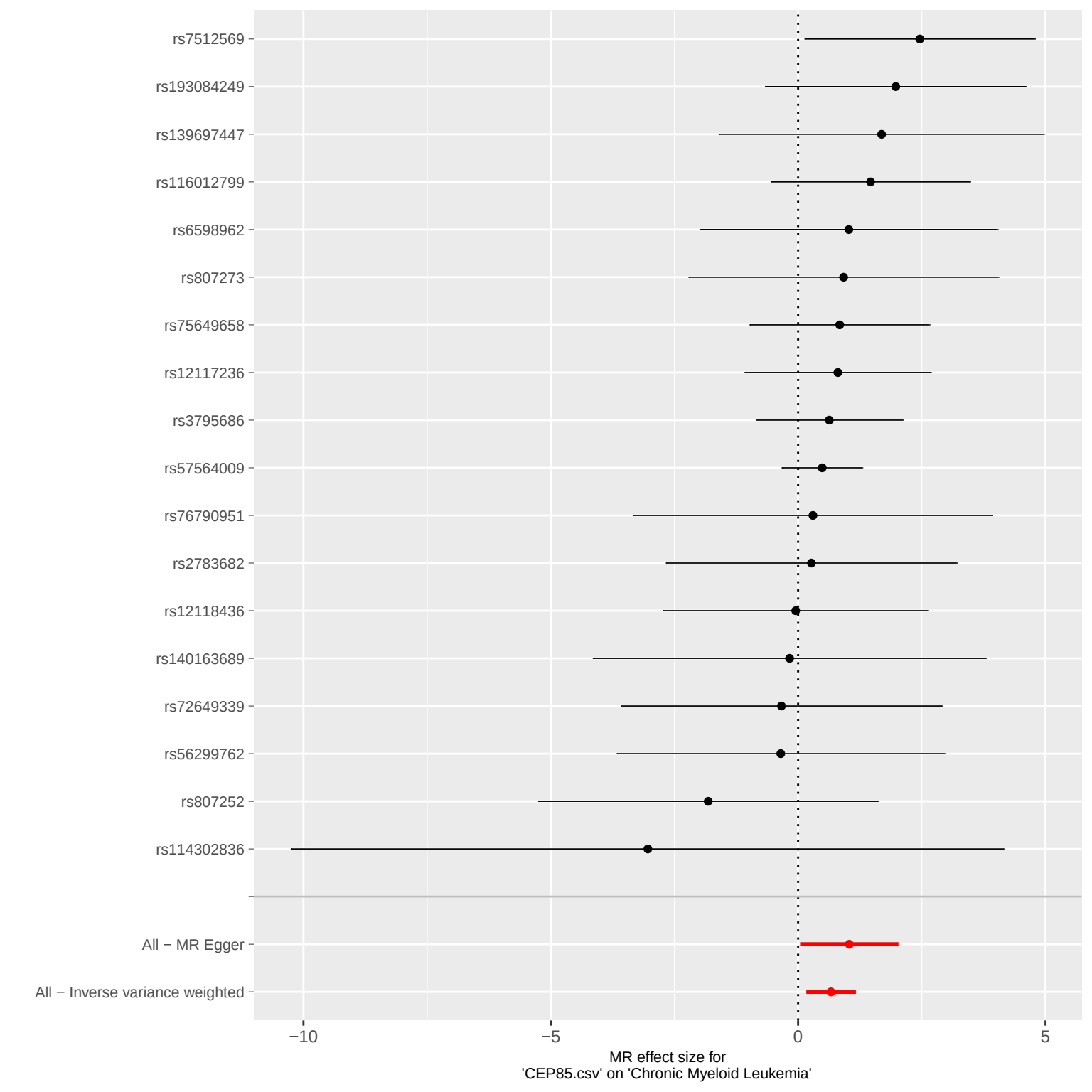
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MR effect size for
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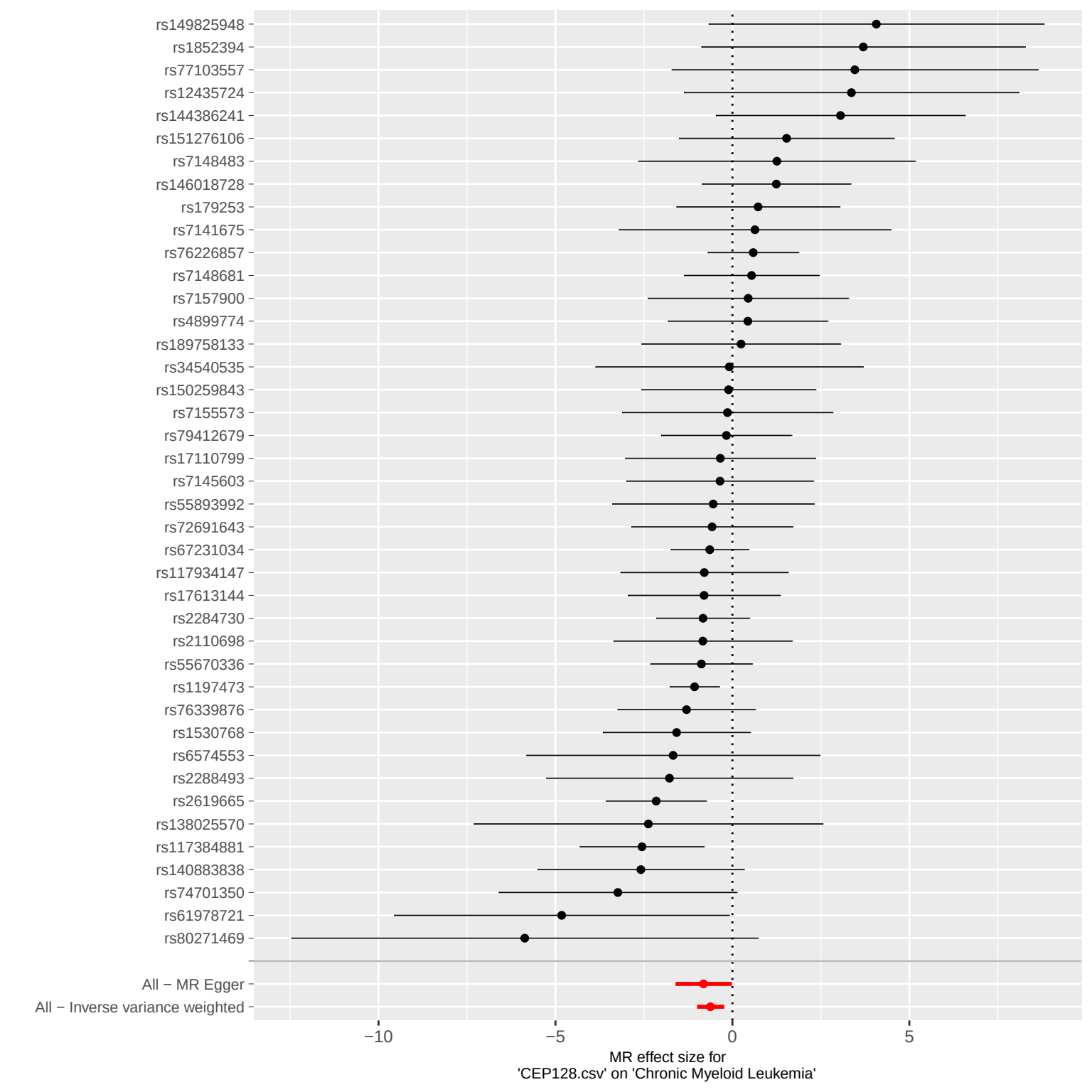
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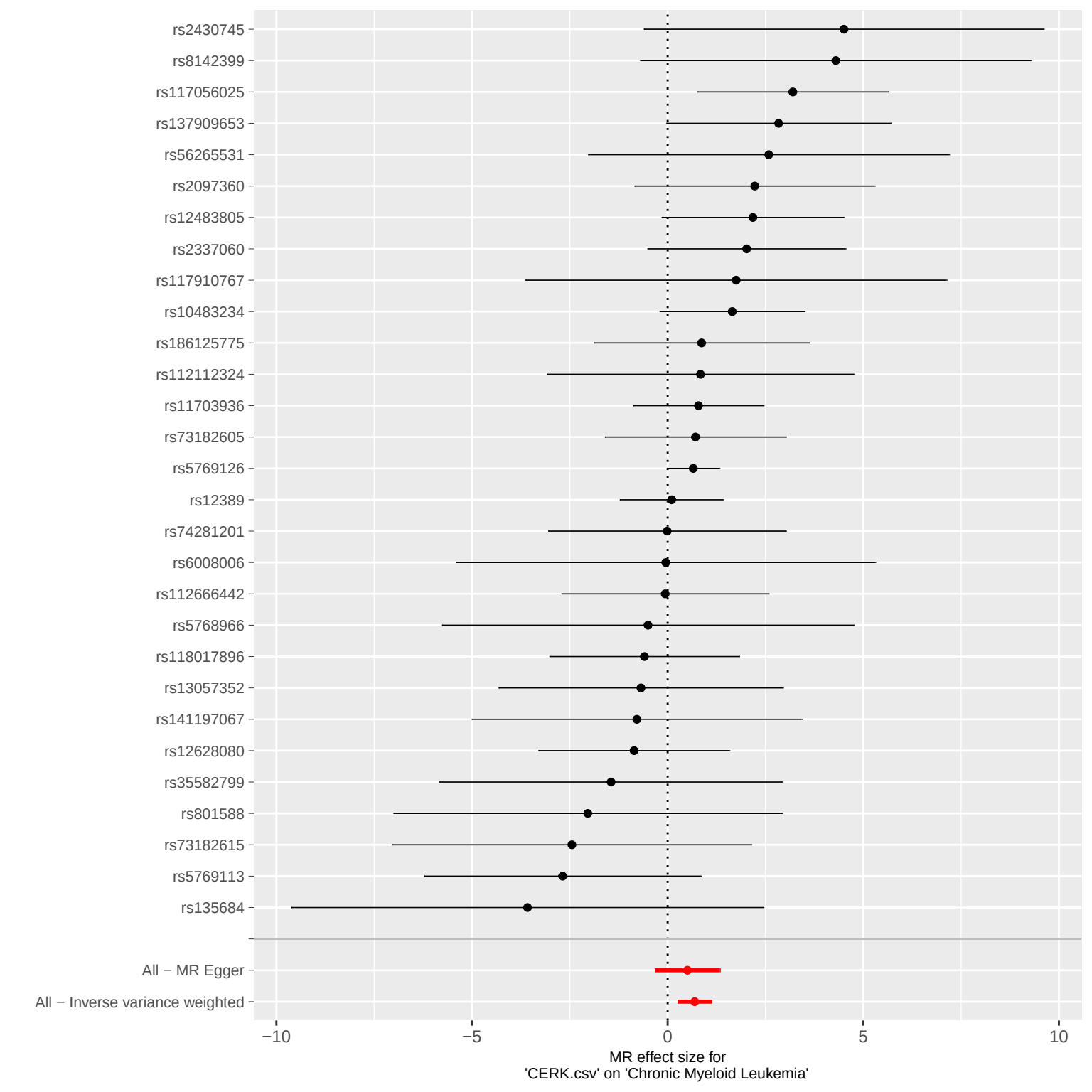
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MR effect size for
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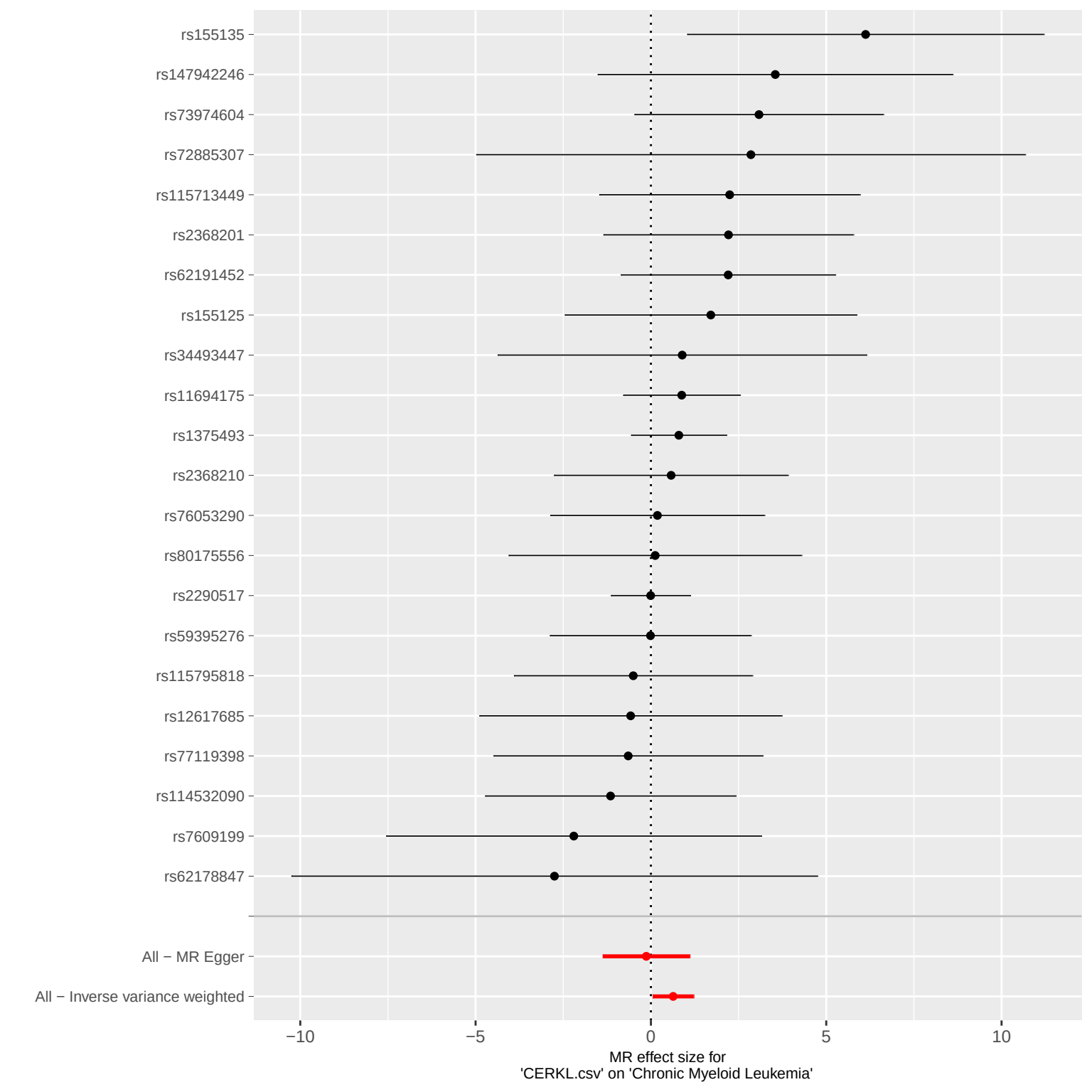
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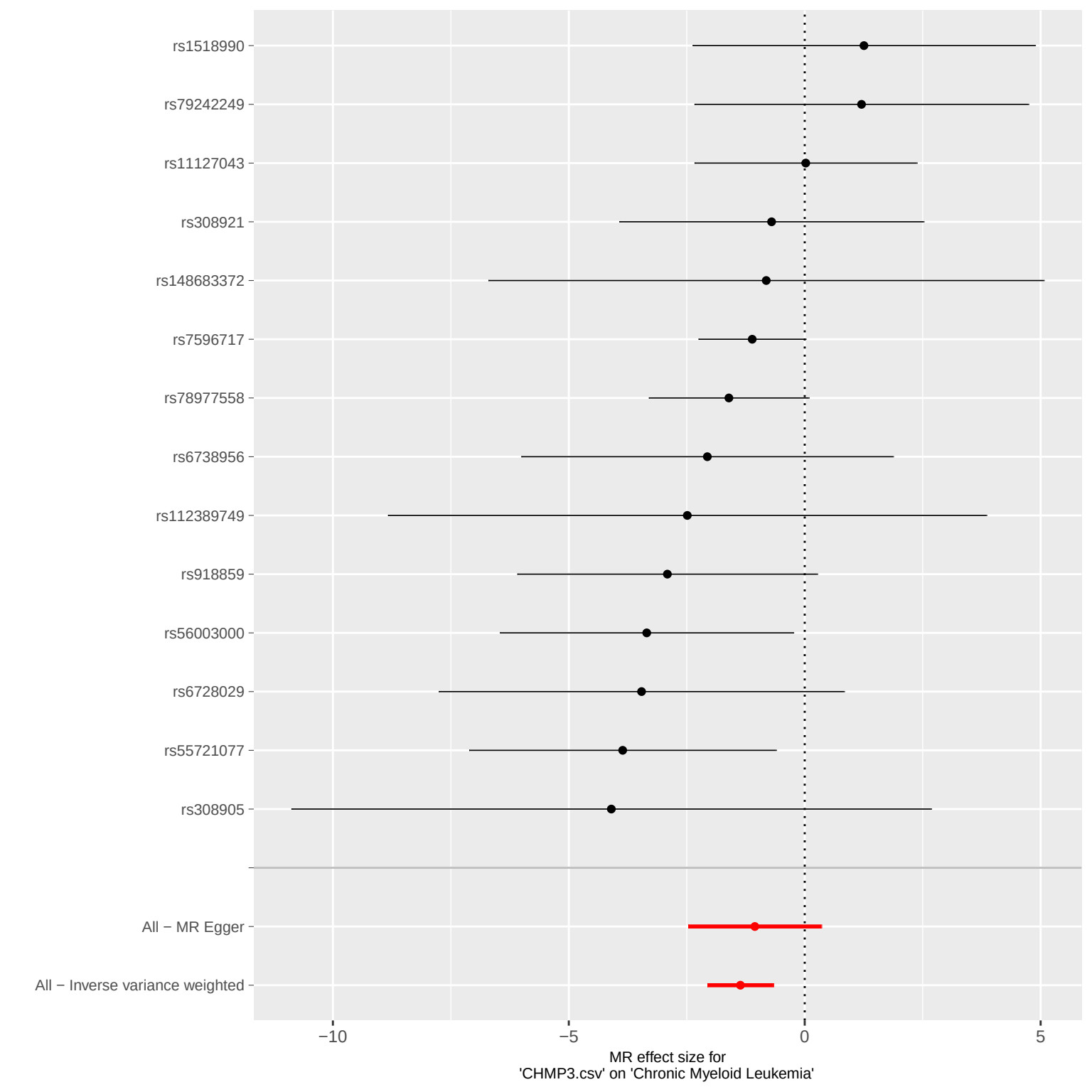
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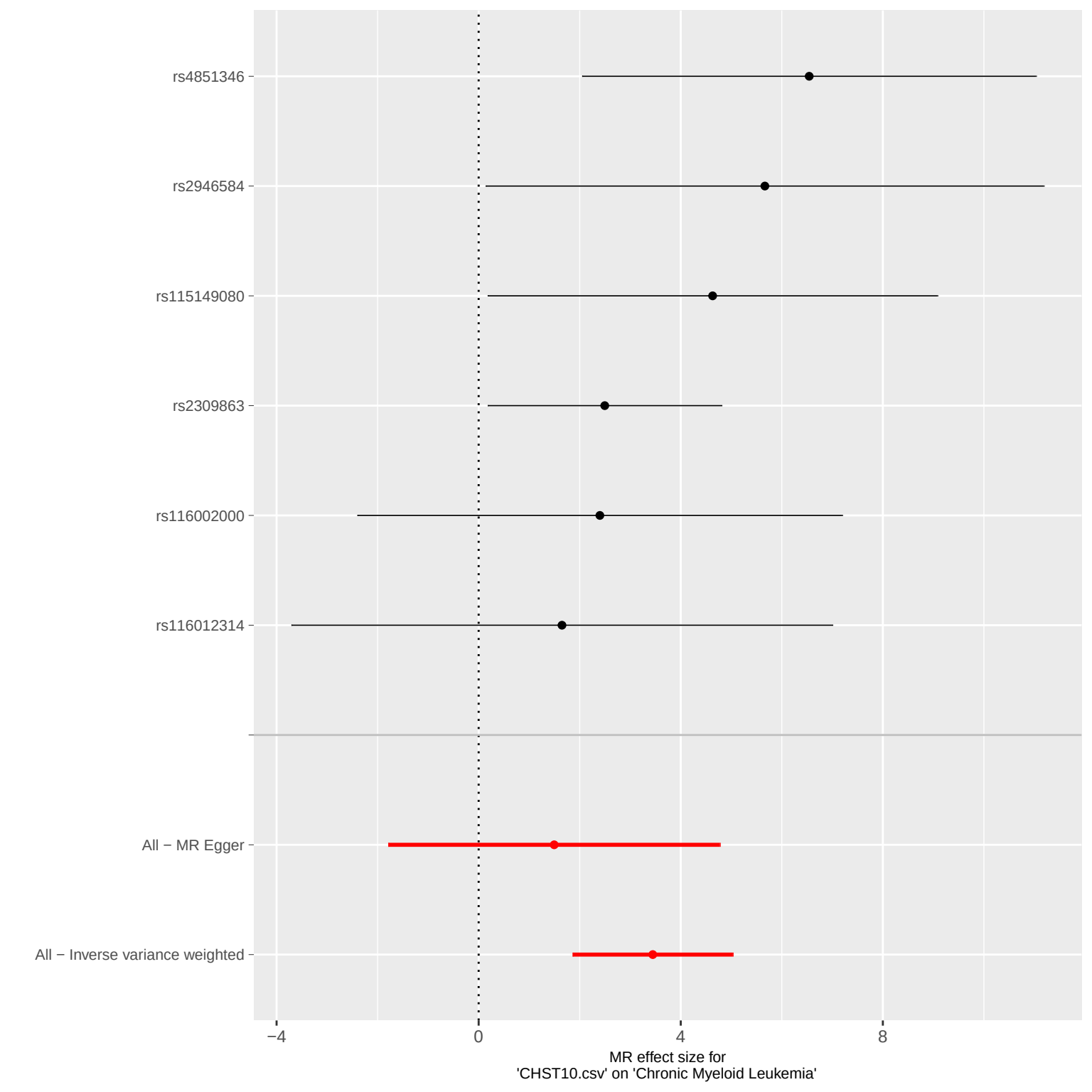
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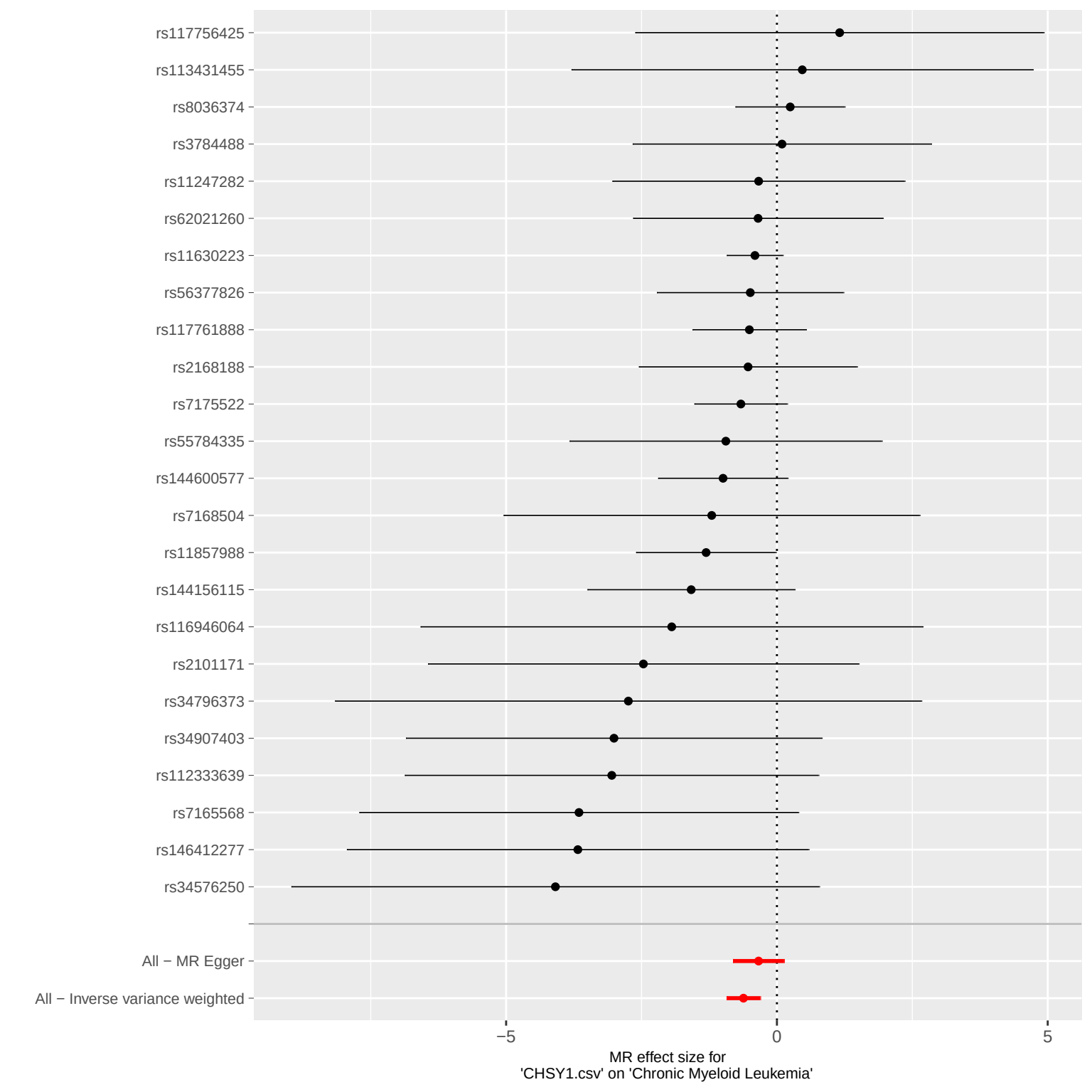
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MR effect size for
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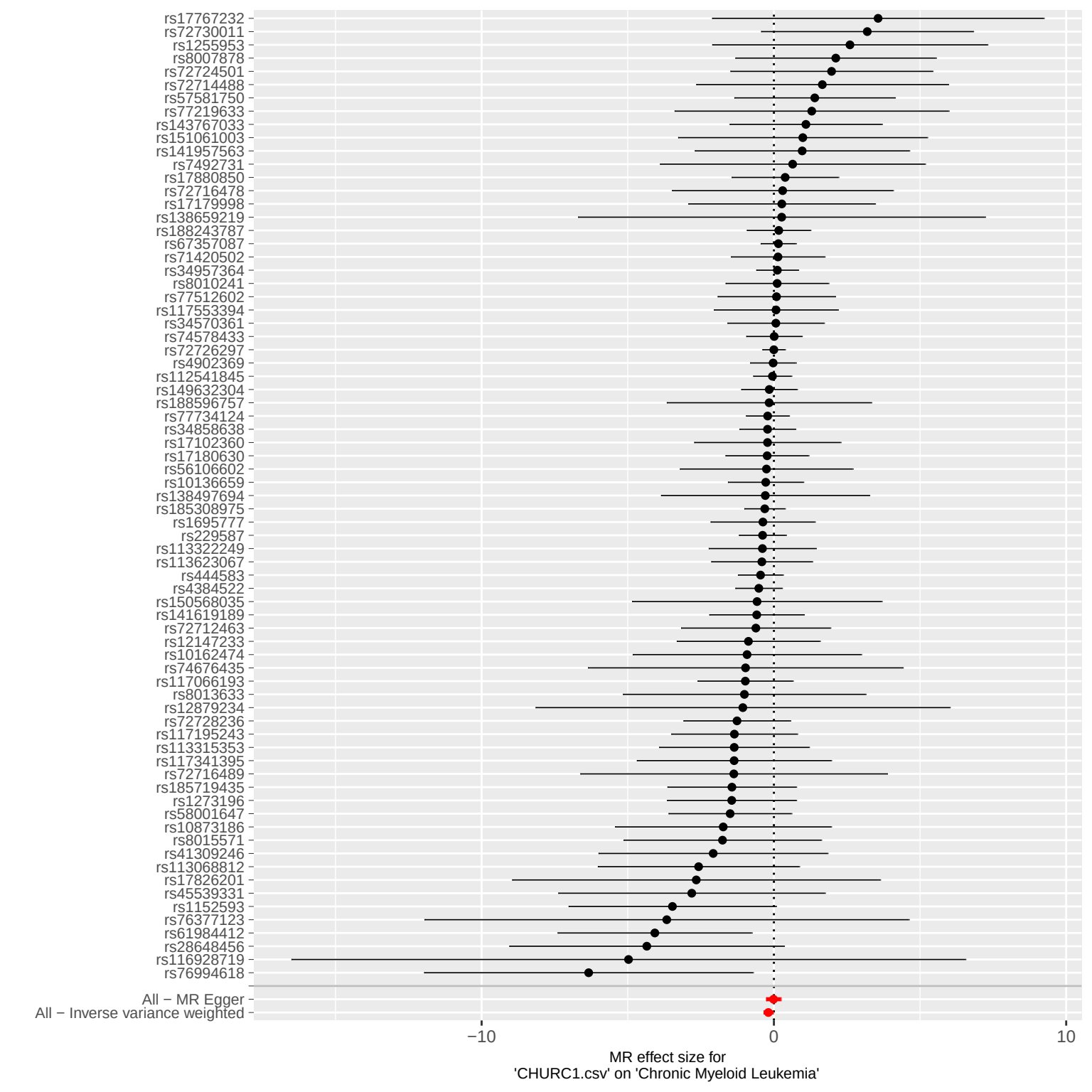
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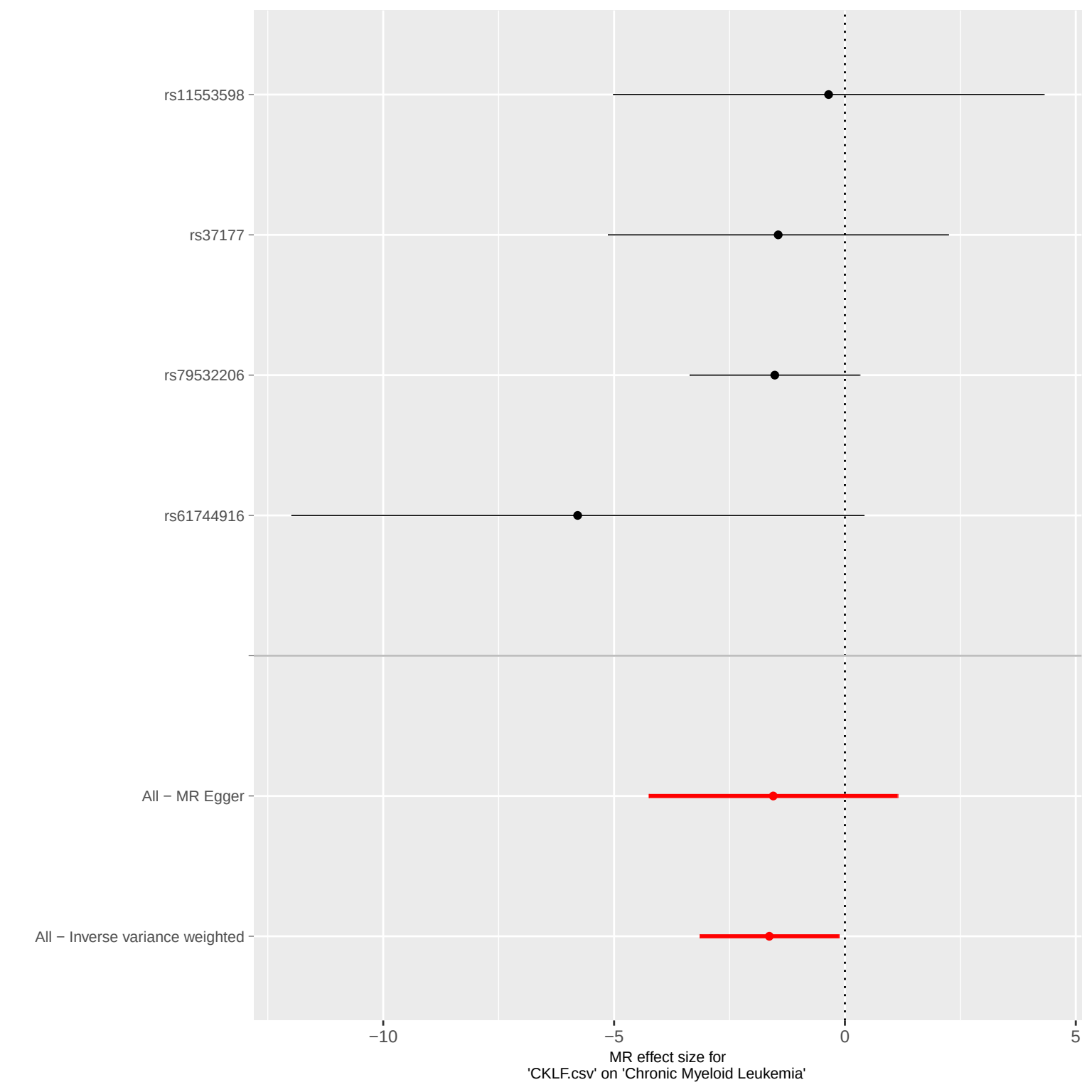
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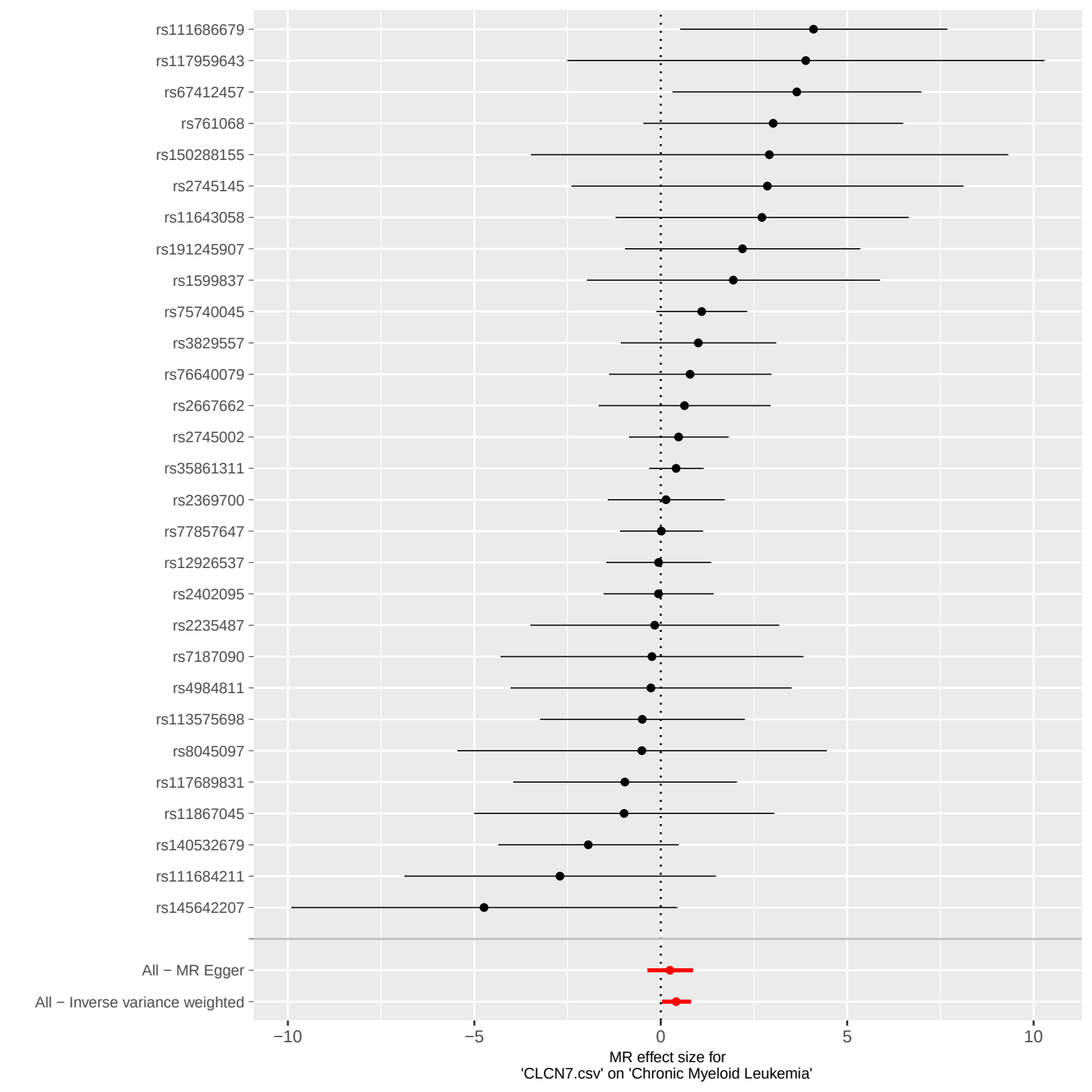
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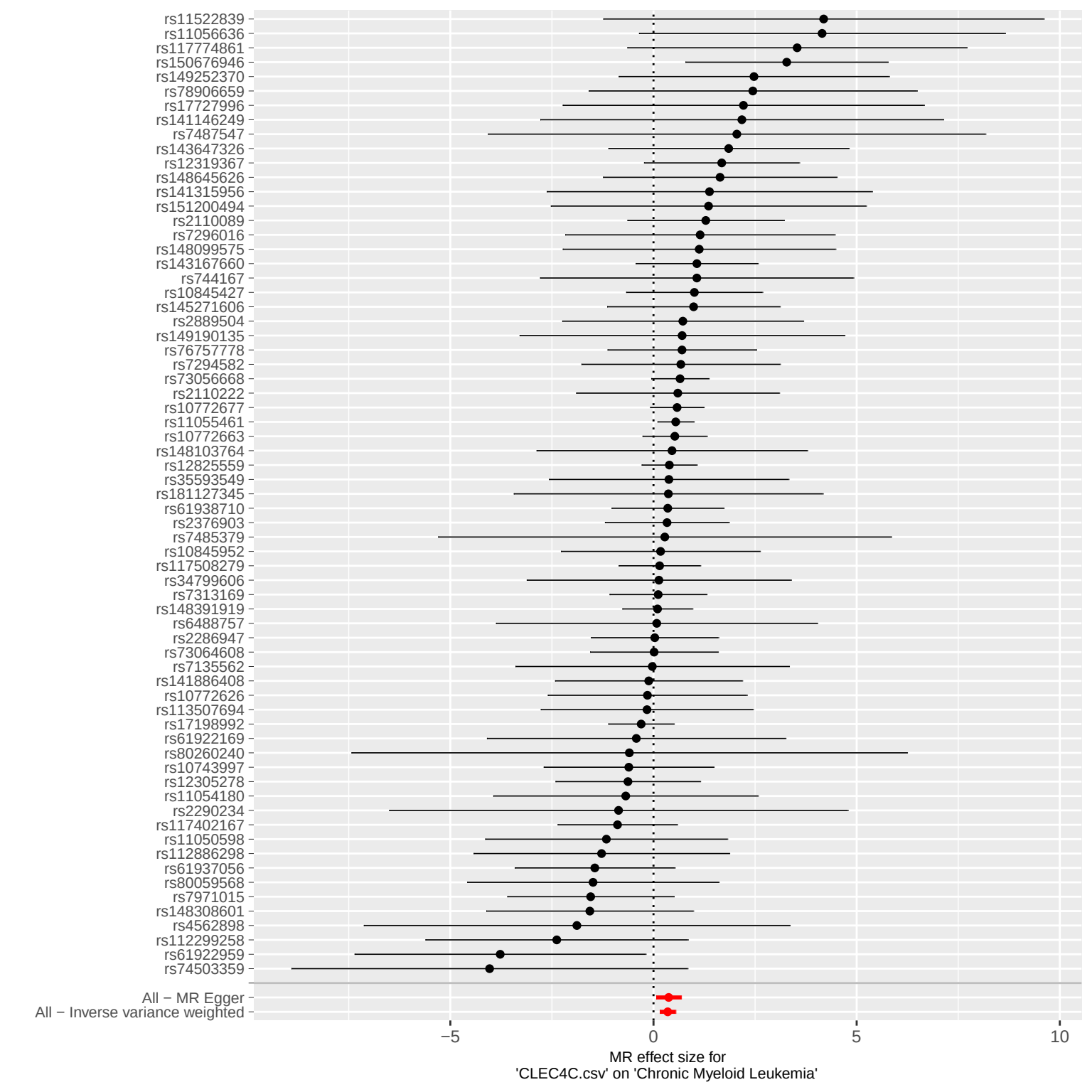
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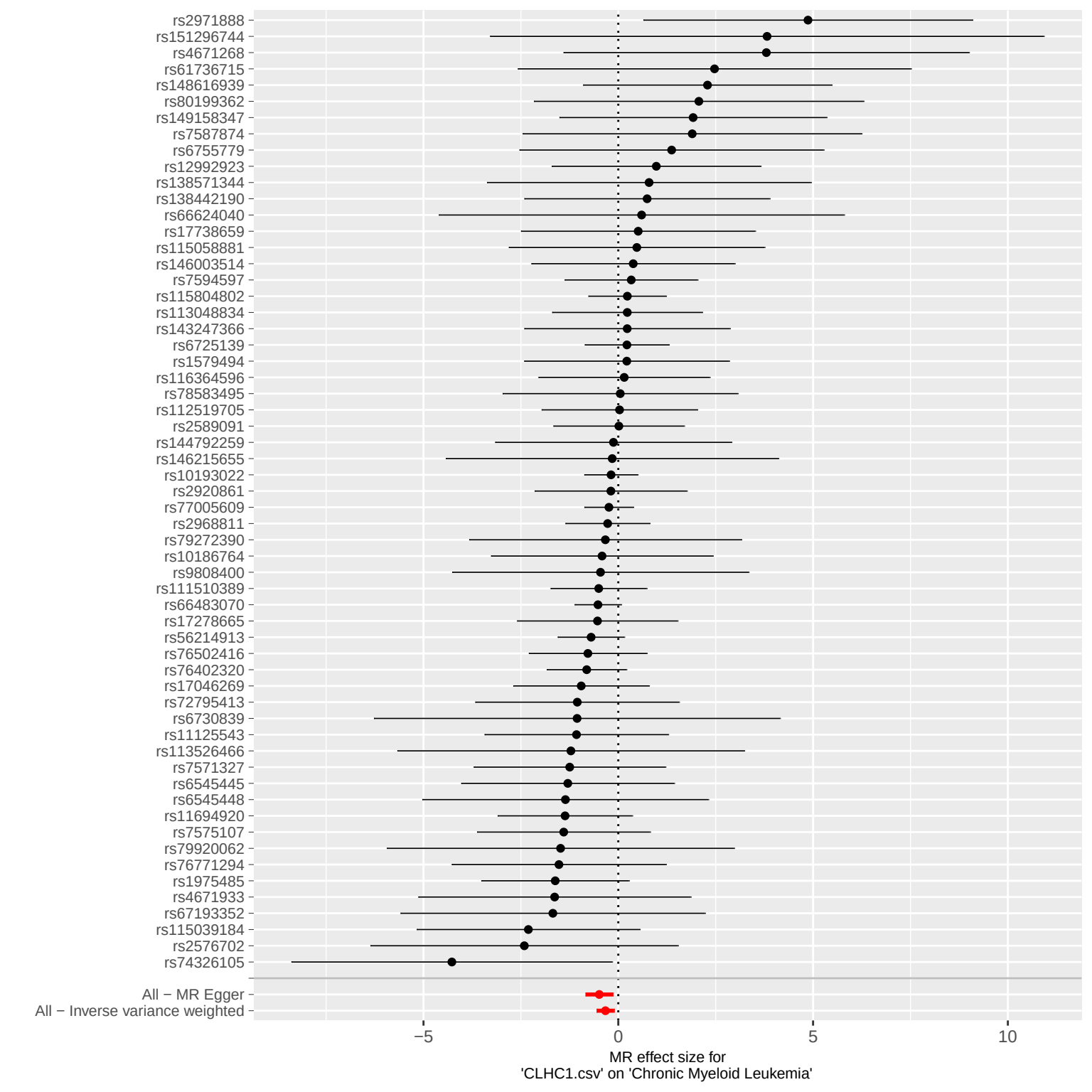
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MR effect size for
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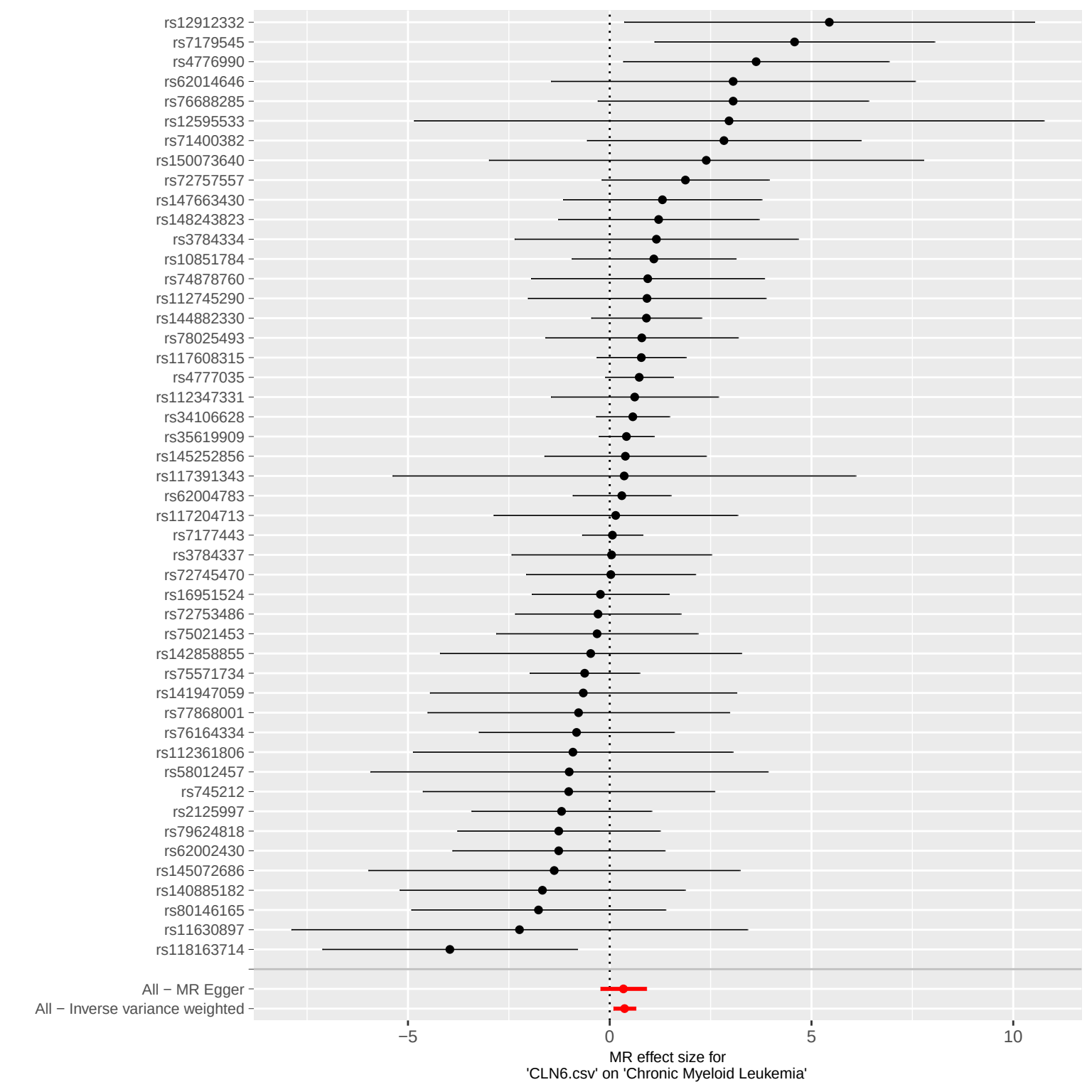
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MR effect size for
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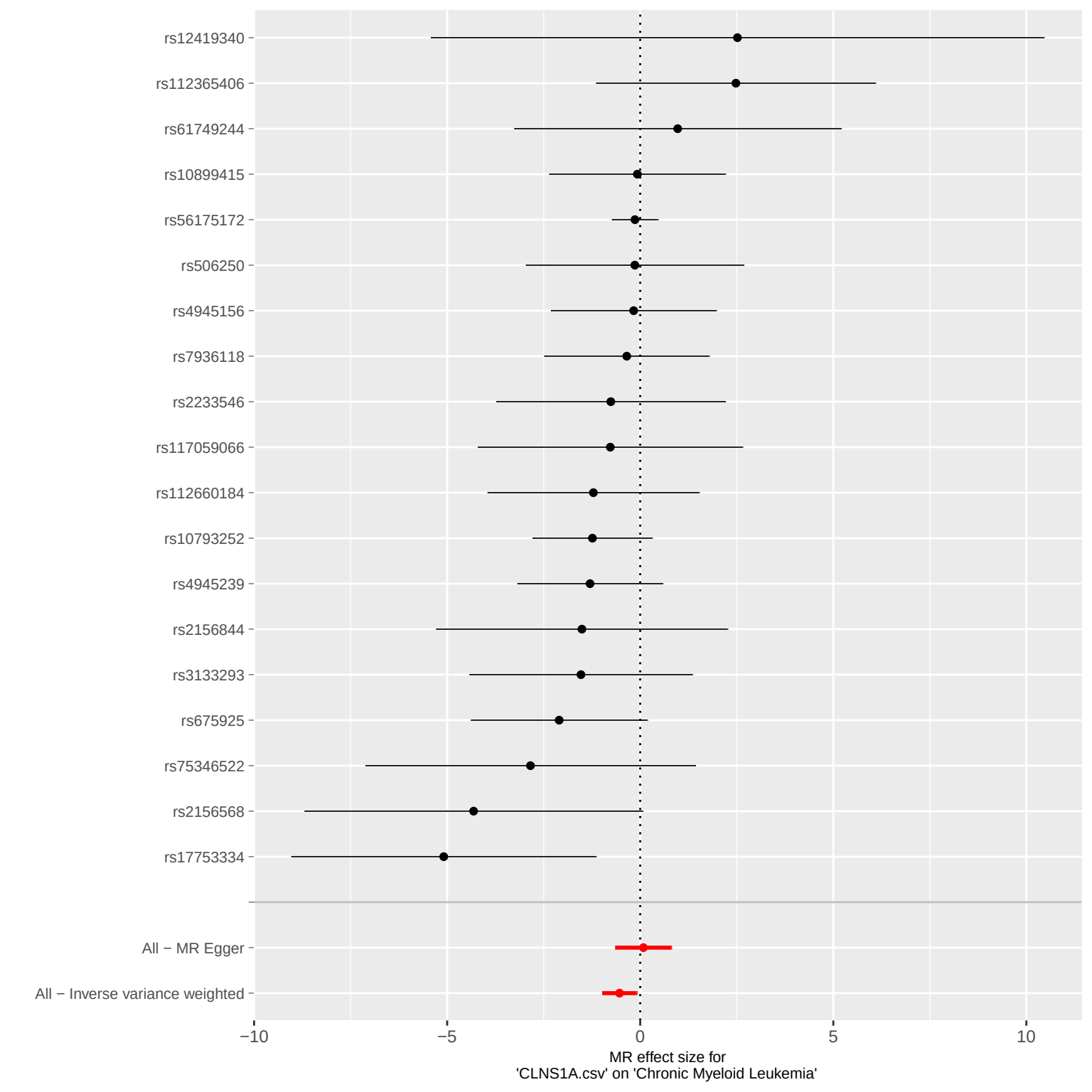
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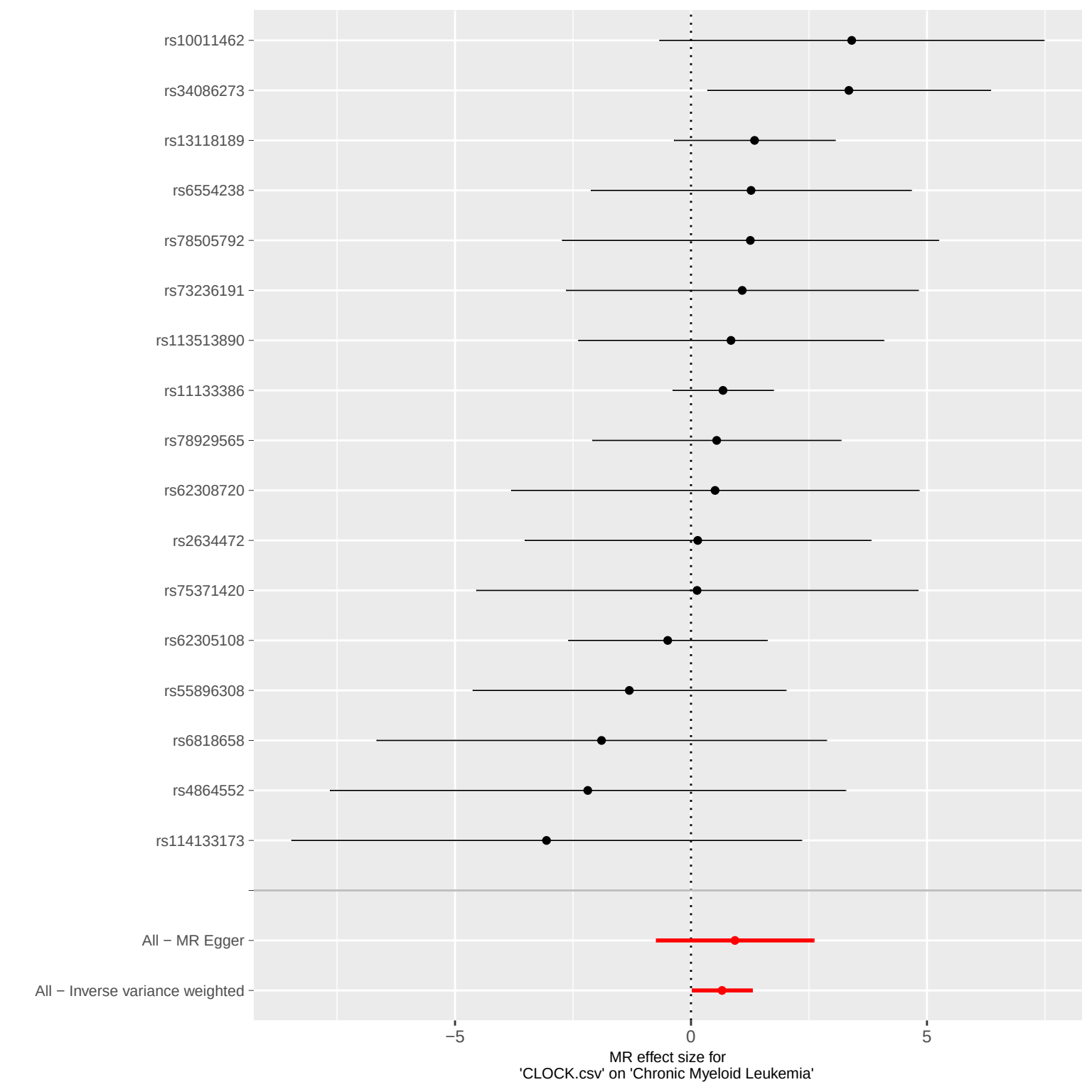
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All − MR Egger
All − Inverse variance weighted
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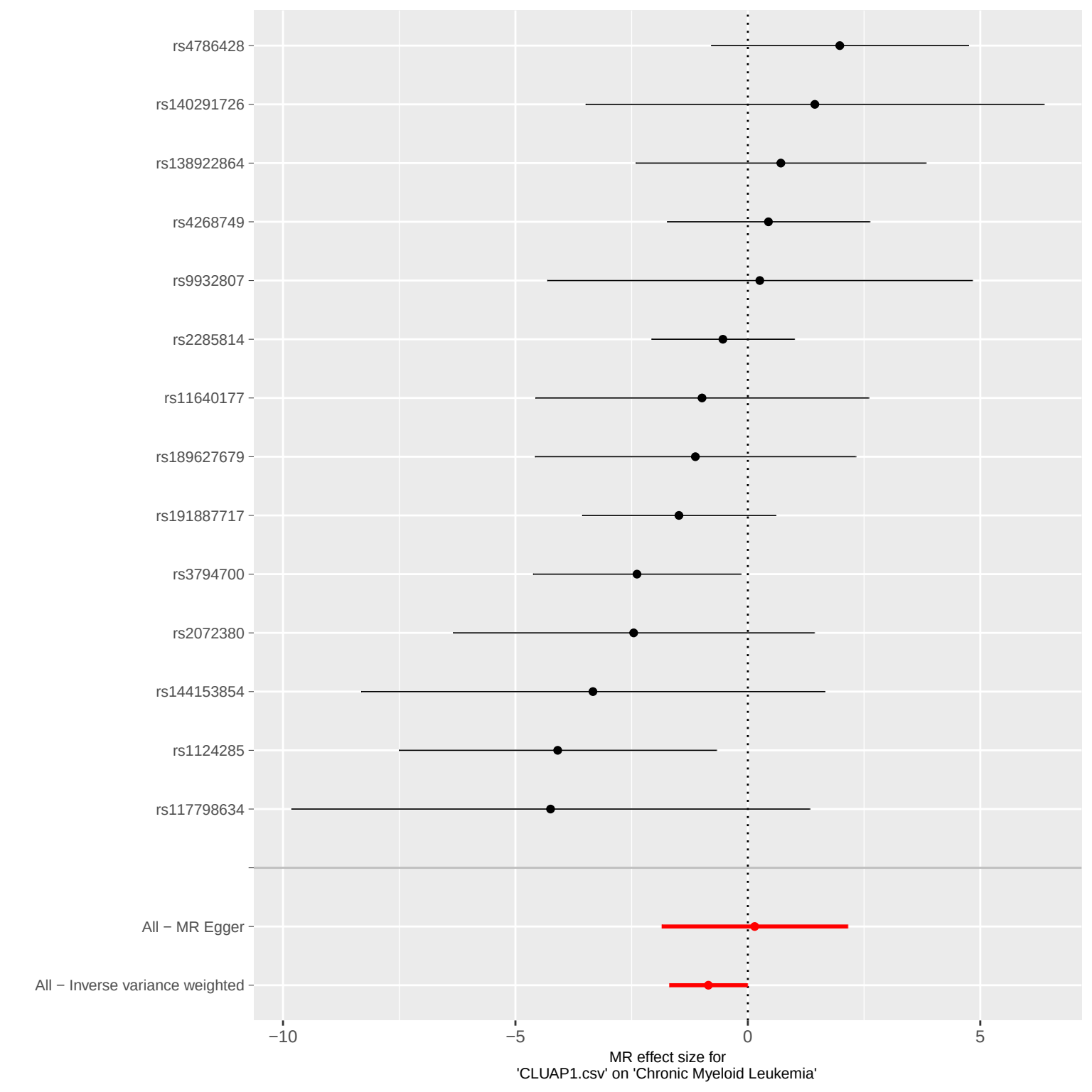
MR effect size for
'CLOCK.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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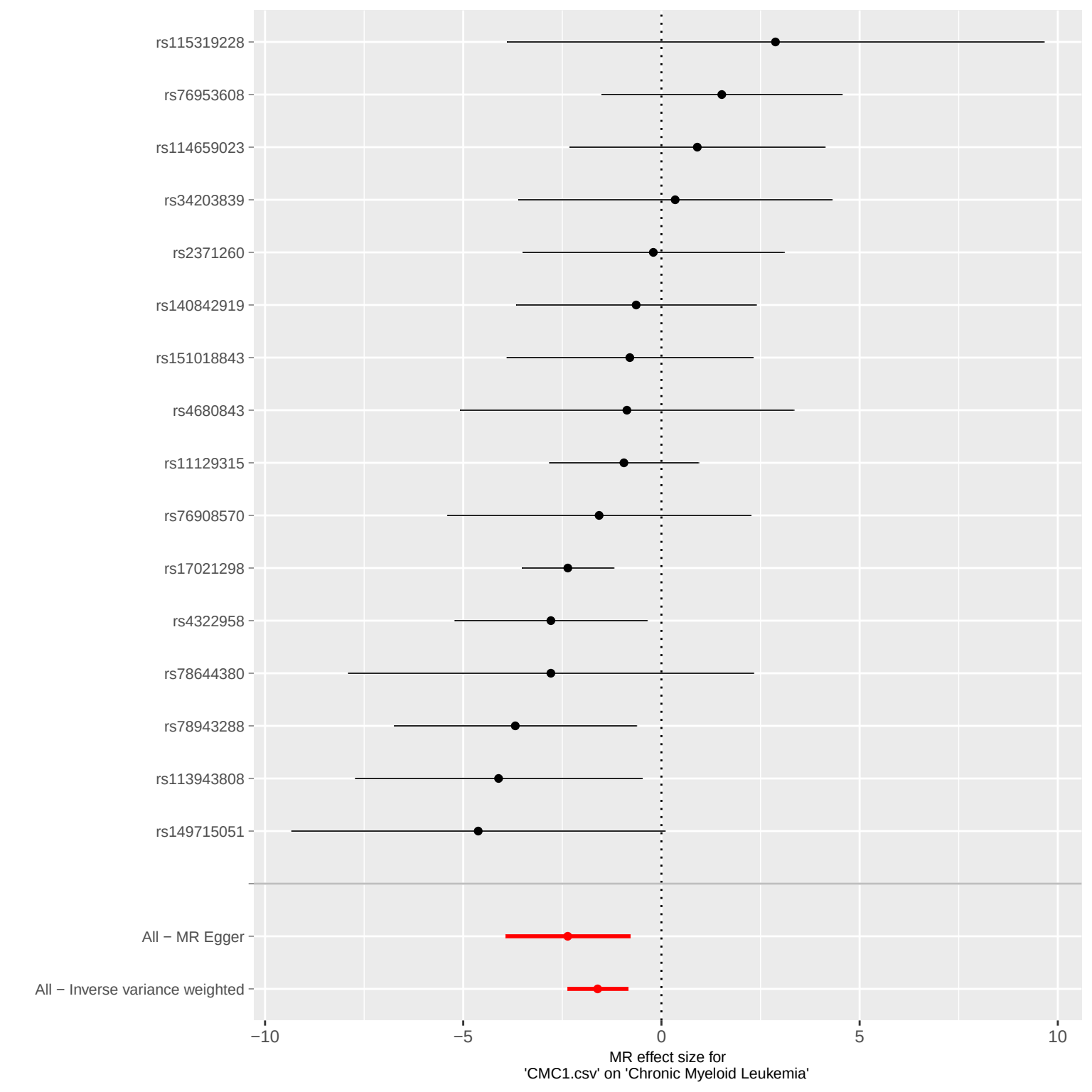
MR effect size for
'CLUAP1.csv' on 'Chronic Myeloid Leukemia'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rs78644380
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rs149715051
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
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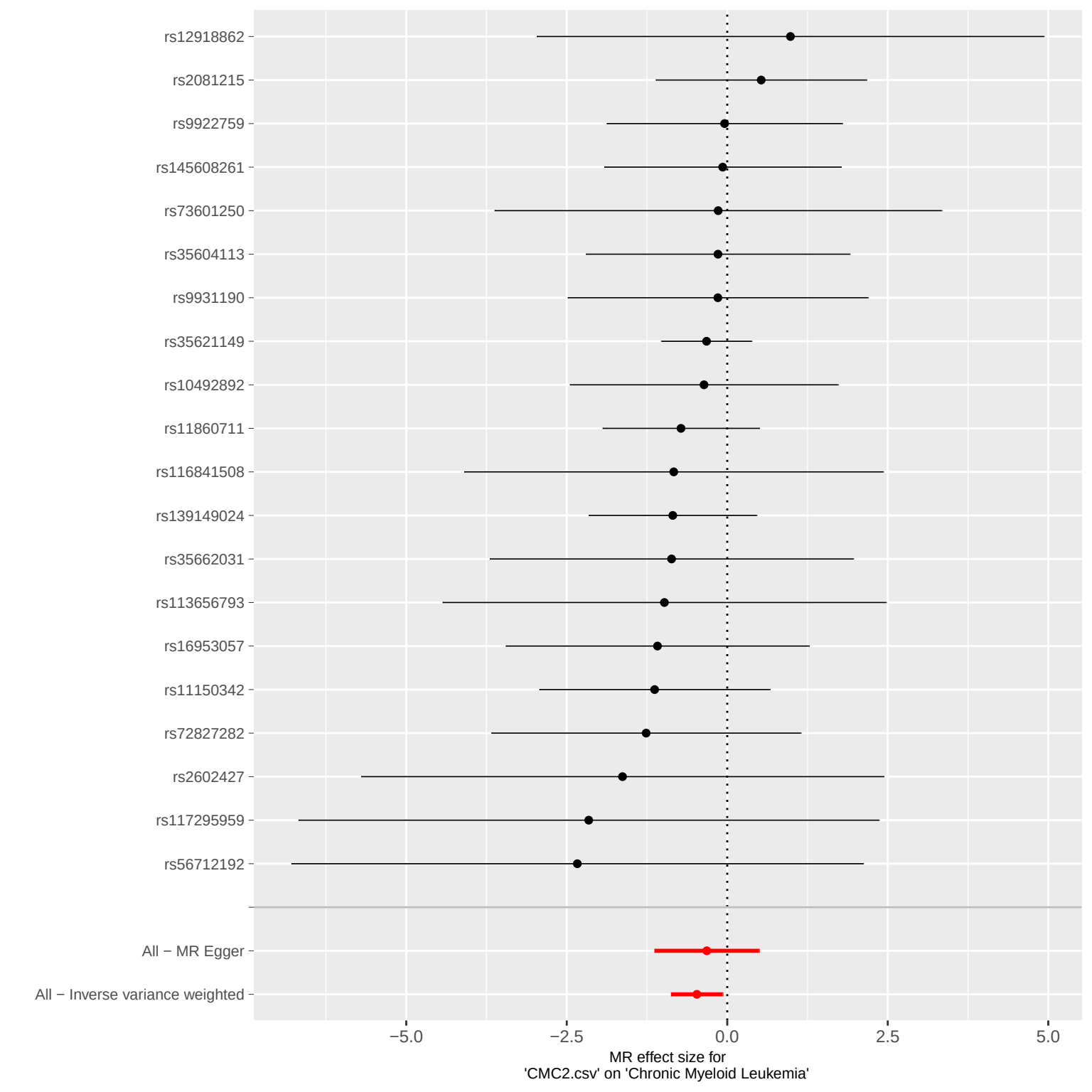
MR effect size for
'CMC1.csv' on 'Chronic Myeloid Leukemia'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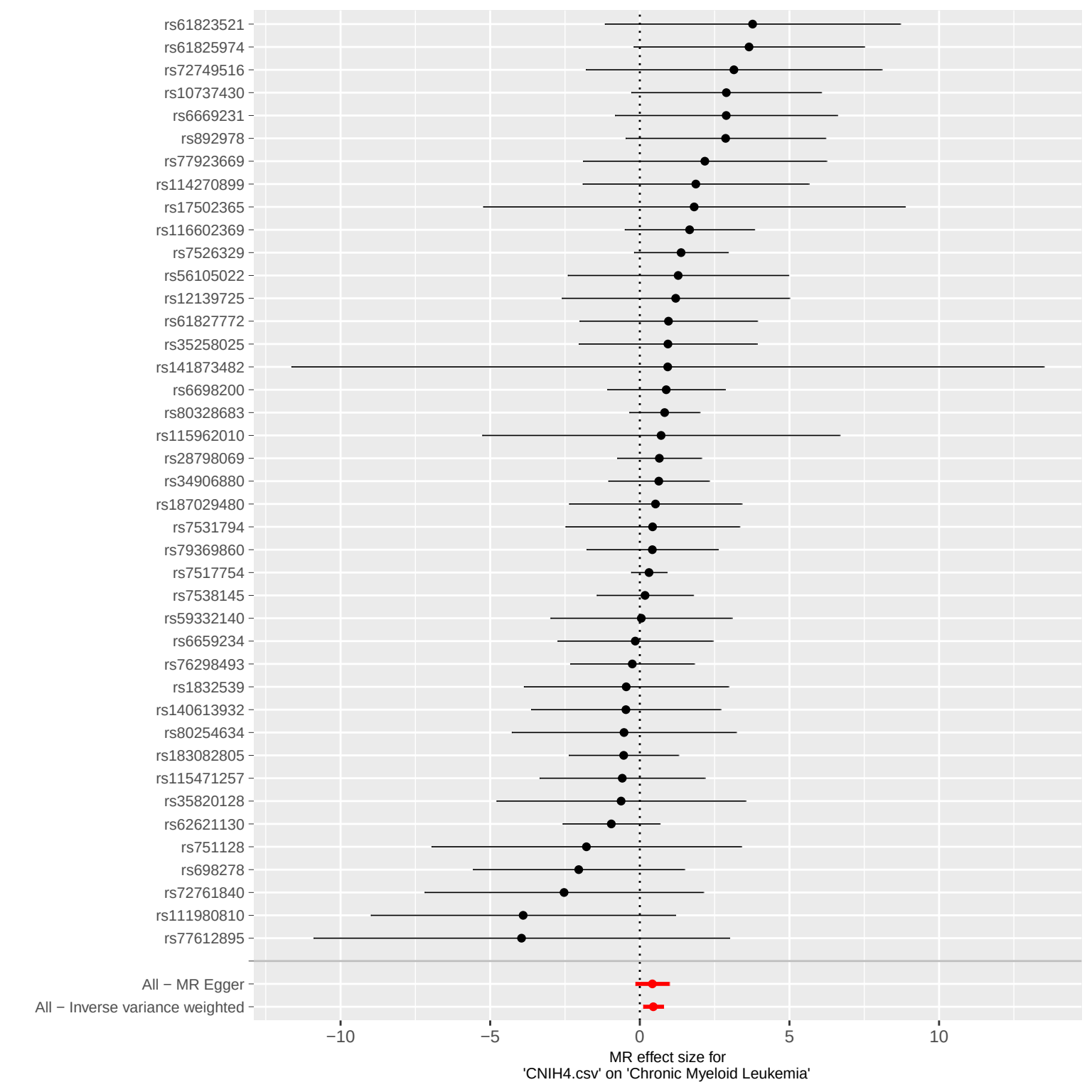
rs116841508
rs139149024
rs35662031
rs113656793
rs16953057
rs11150342
rs72827282
rs2602427
rs117295959
rs56712192
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CMC2.csv' on 'Chronic Myeloid Leukemia'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rs56105022
rs12139725
rs61827772
rs35258025
rs141873482
rs6698200
rs80328683
rs115962010
rs28798069
rs34906880
rs187029480
rs7531794
rs79369860
rs7517754
rs7538145
rs59332140
rs6659234
rs76298493
rs1832539
rs140613932
rs80254634
rs183082805
rs115471257
rs35820128
rs62621130
rs751128
rs698278
rs72761840
rs111980810
rs77612895
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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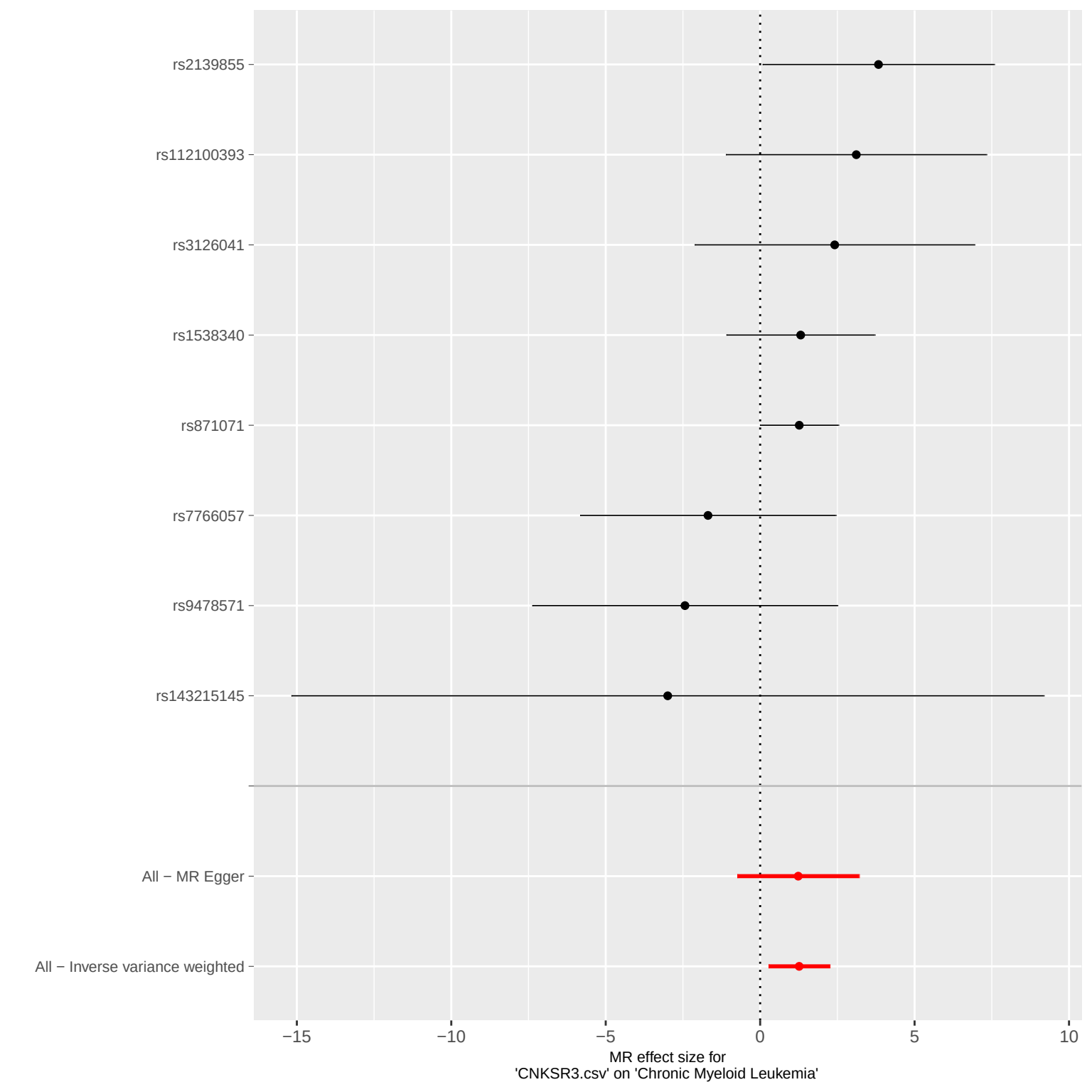
10
MR effect size for
'CNIH4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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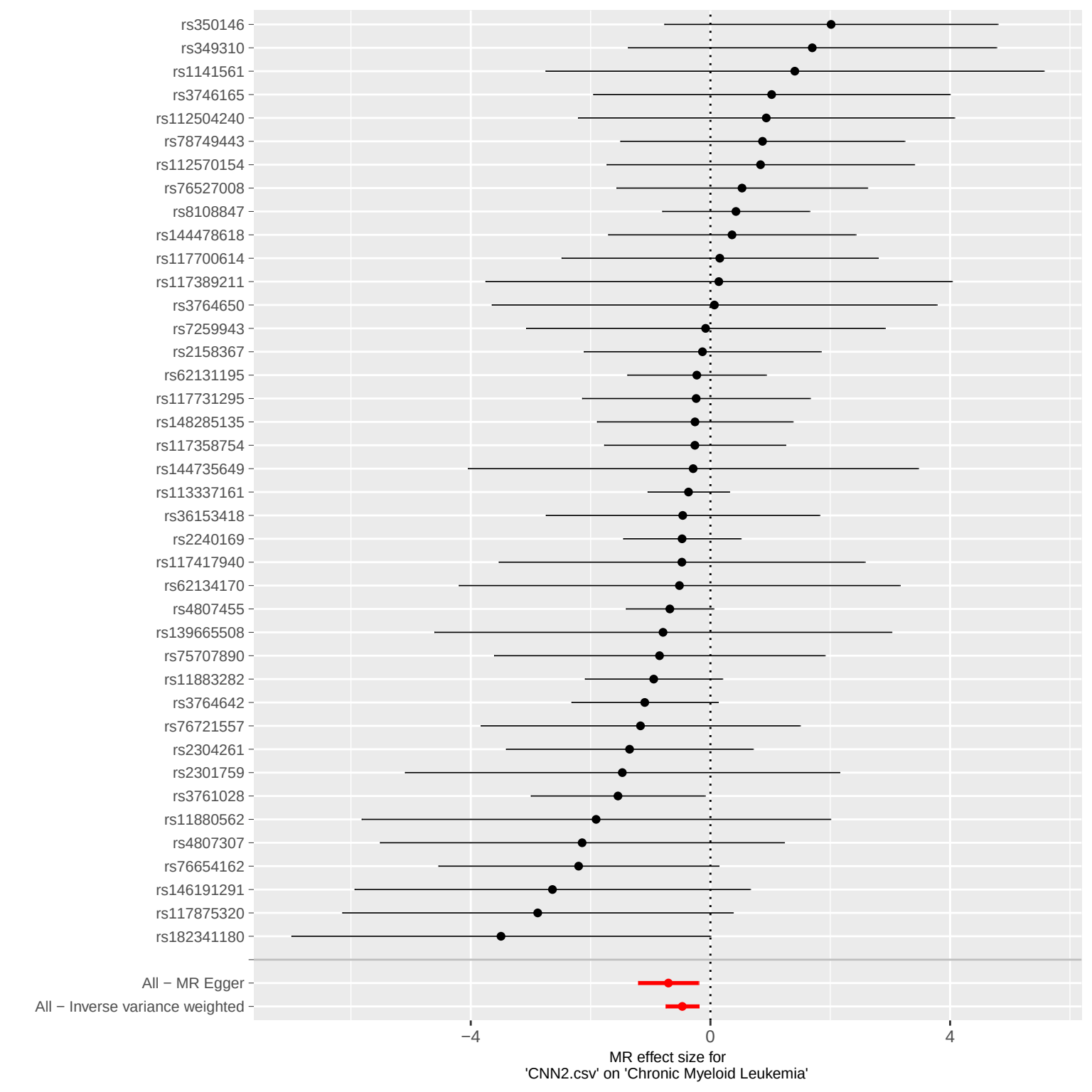
−10
−5
0
5
10
MR effect size for
'CNKSR3.csv' on 'Chronic Myeloid Leukemia'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rs7259943
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rs62131195
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rs144735649
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rs36153418
rs2240169
rs117417940
rs62134170
rs4807455
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rs75707890
rs11883282
rs3764642
rs76721557
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rs3761028
rs11880562
rs4807307
rs76654162
rs146191291
rs117875320
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All − MR Egger
All − Inverse variance weighted
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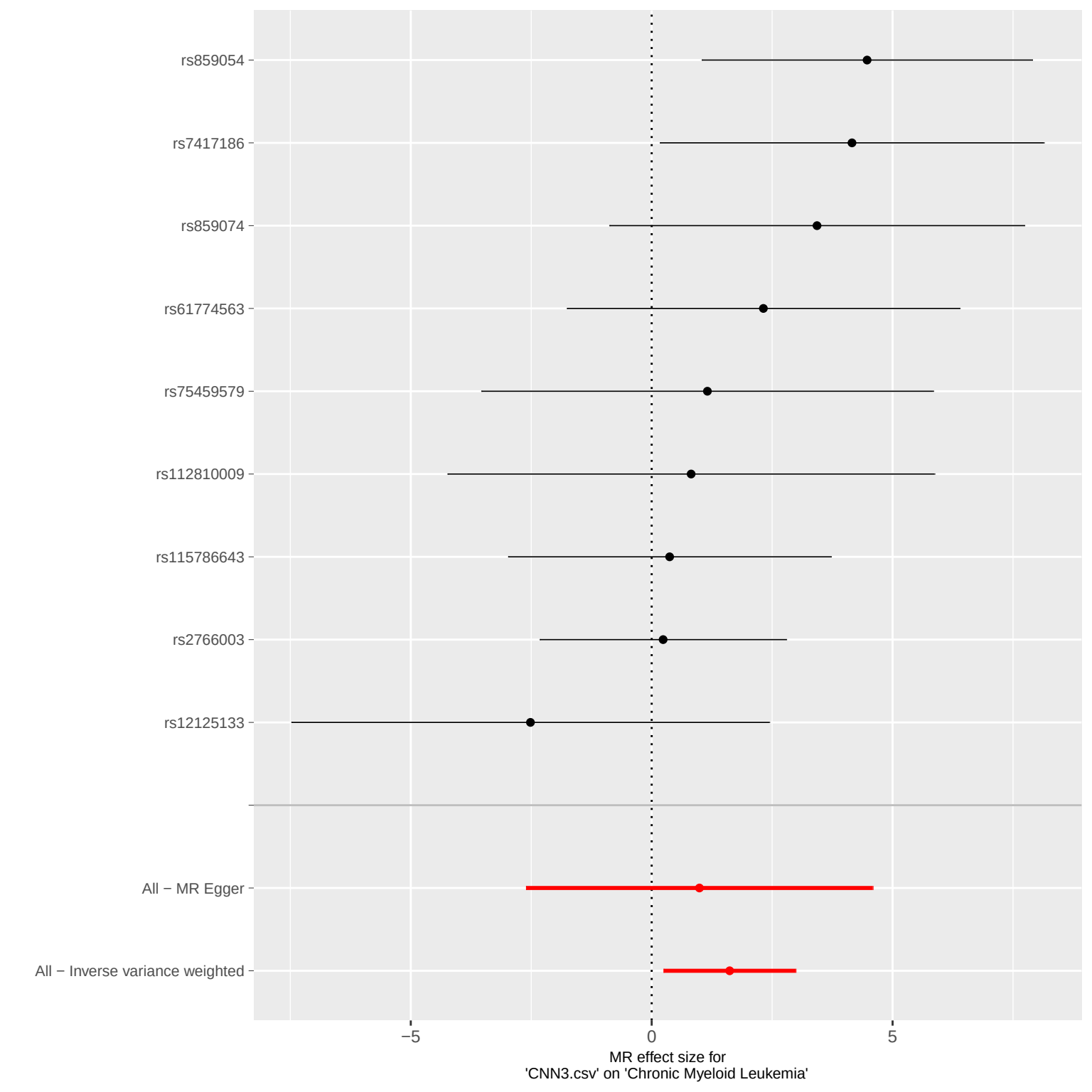
4
MR effect size for
'CNN2.csv' on 'Chronic Myeloid Leukemia'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rs7417186
rs859074
rs61774563
rs75459579
rs112810009
rs115786643
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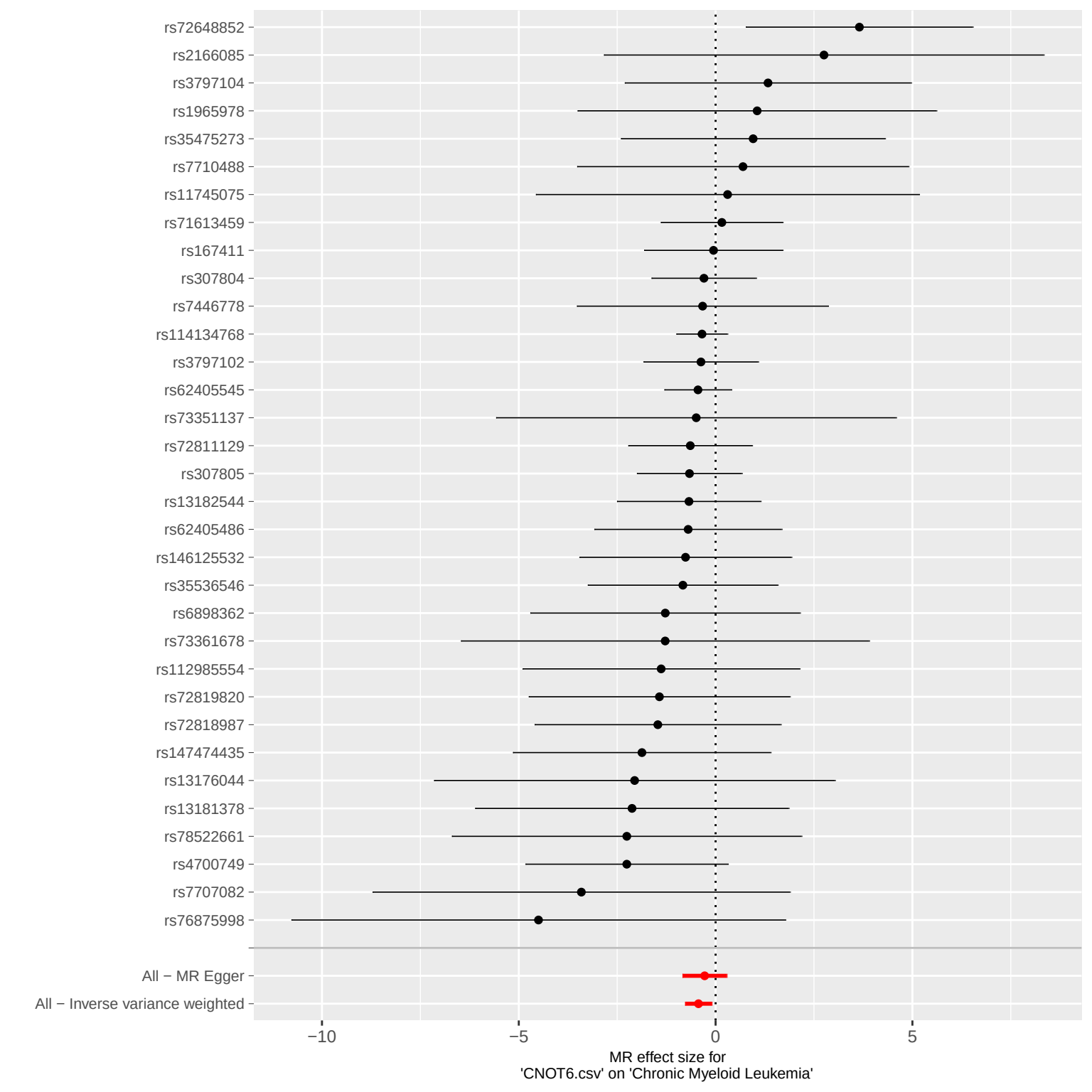
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CNN3.csv' on 'Chronic Myeloid Leukemia'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rs13176044
rs13181378
rs78522661
rs4700749
rs7707082
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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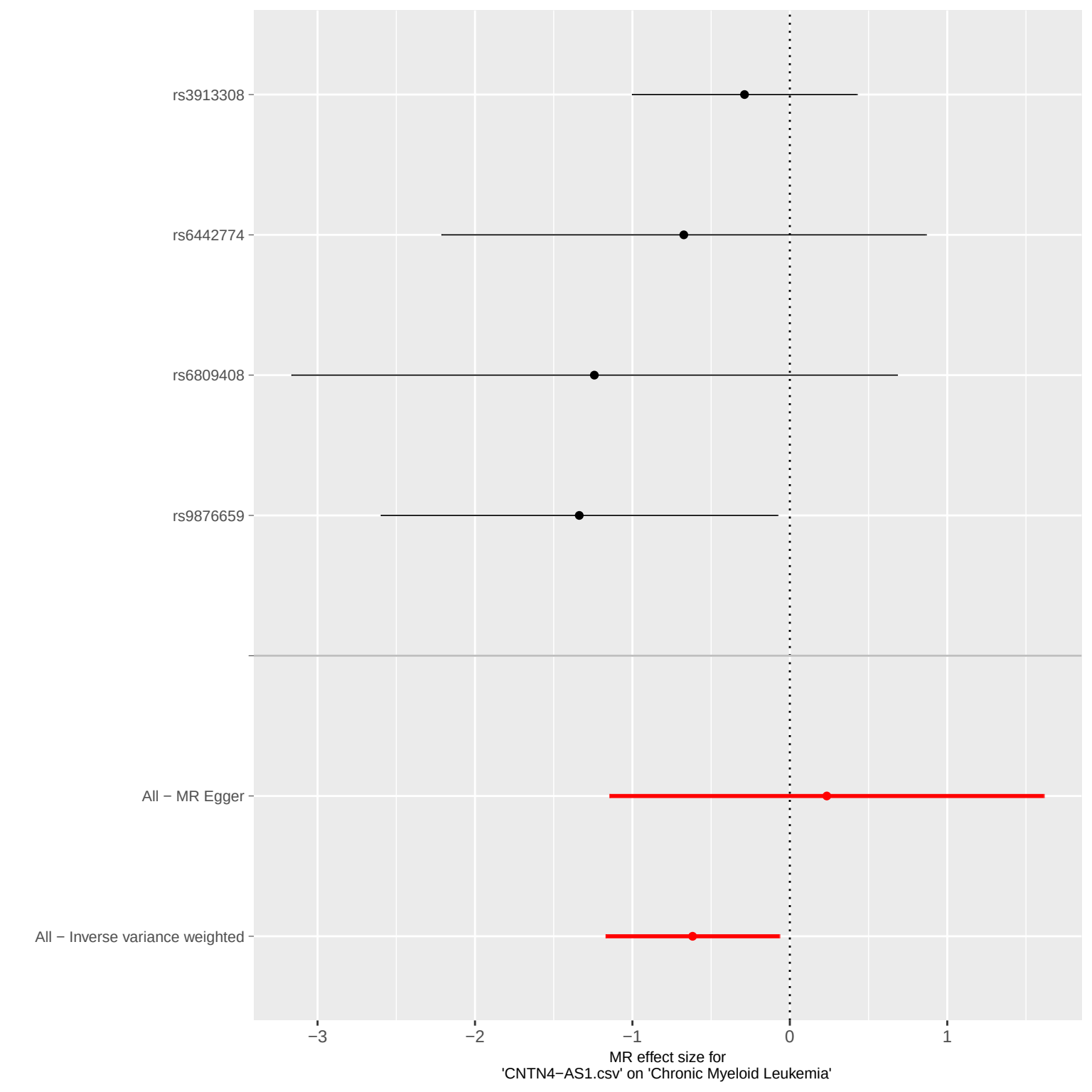
MR effect size for
'CNOT6.csv' on 'Chronic Myeloid Leukemia'


rs3913308
rs6442774
rs6809408
rs9876659
All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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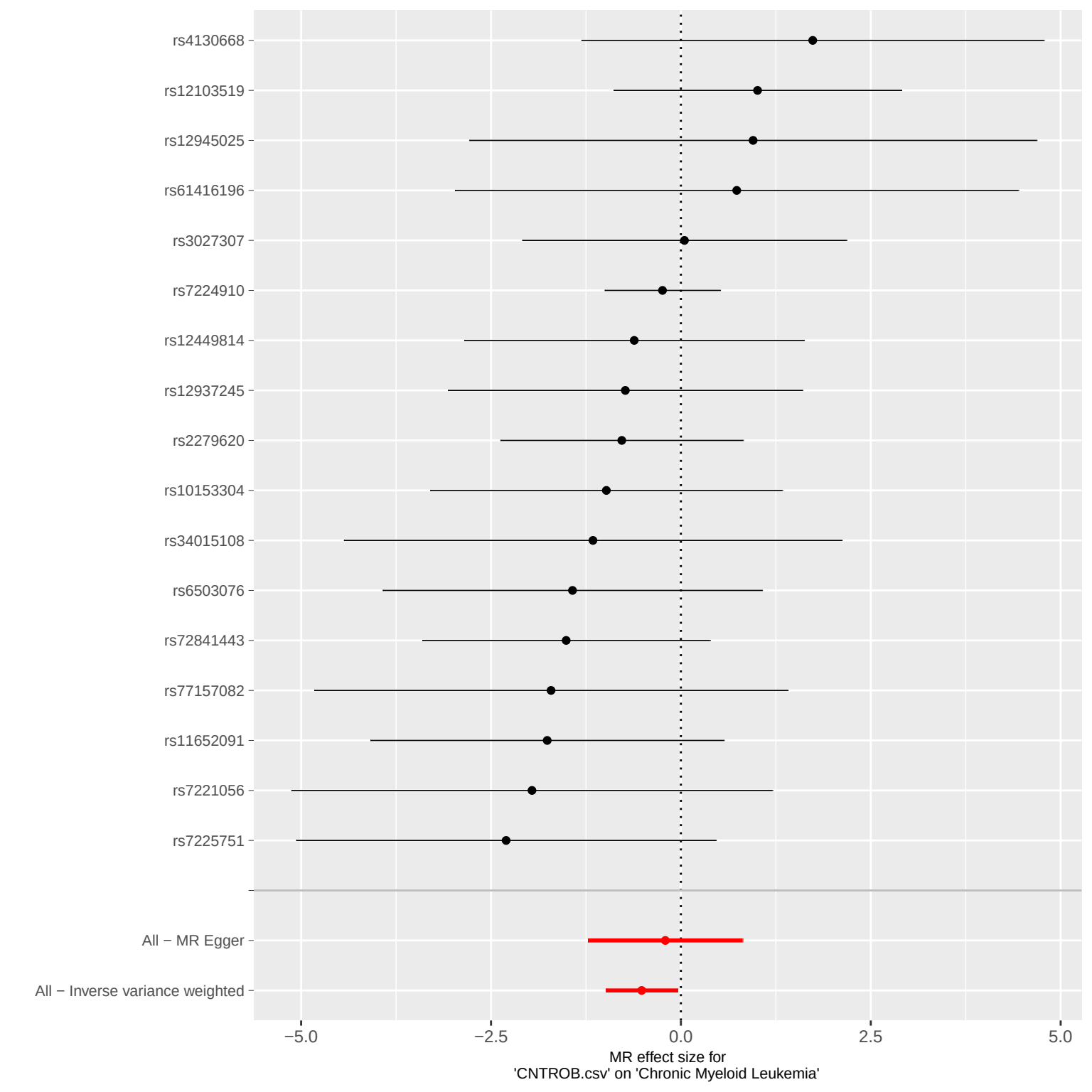
MR effect size for
'CNTN4−AS1.csv' on 'Chronic Myeloid Leukemia'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rs12103519
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rs2279620
rs10153304
rs34015108
rs6503076
rs72841443
rs77157082
rs11652091
rs7221056
rs7225751
All − MR Egger
All − Inverse variance weighted
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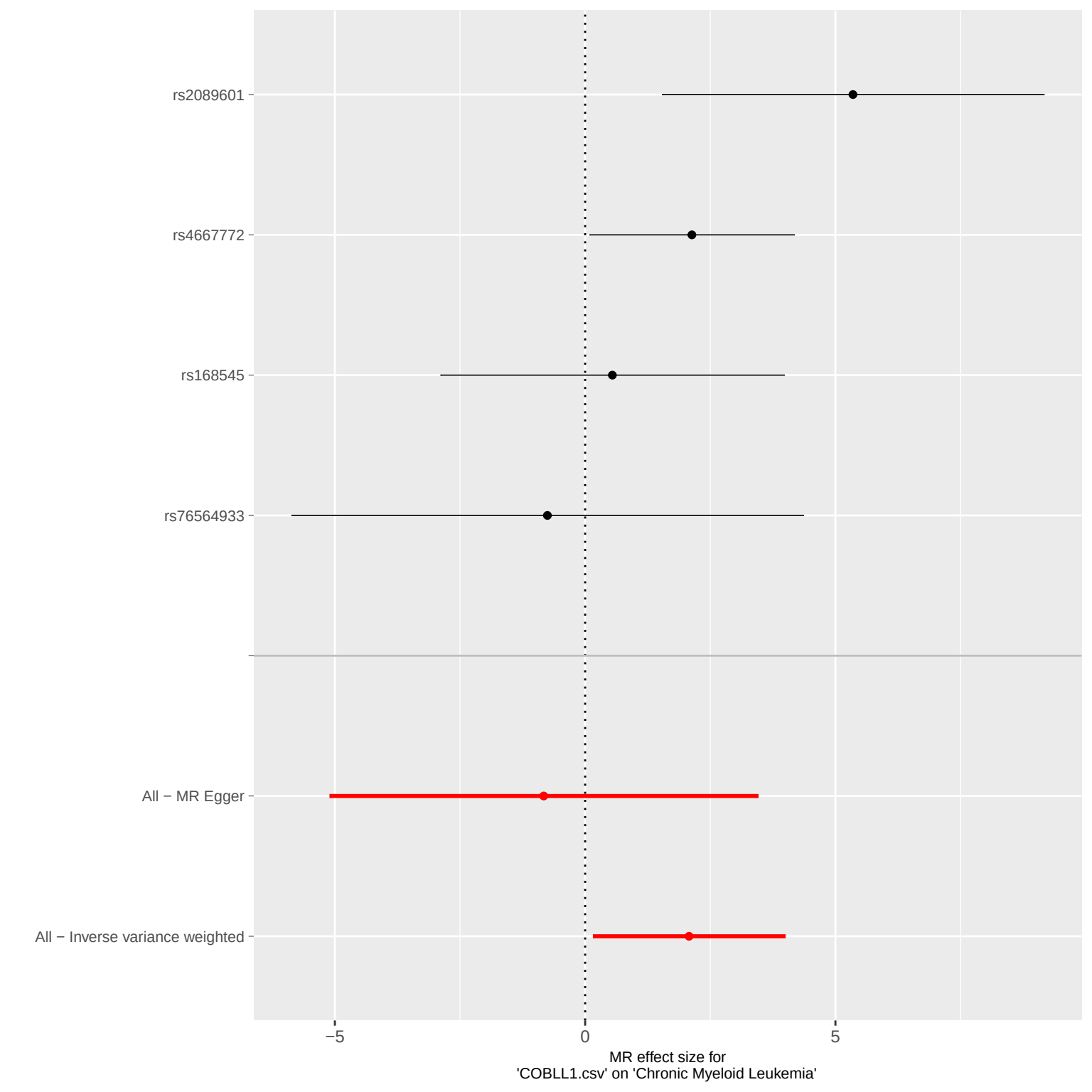
−2.5
0.0
2.5
5.0
MR effect size for
'CNTROB.csv' on 'Chronic Myeloid Leukemia'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rs4667772
rs168545
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All − MR Egger
All − Inverse variance weighted
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0
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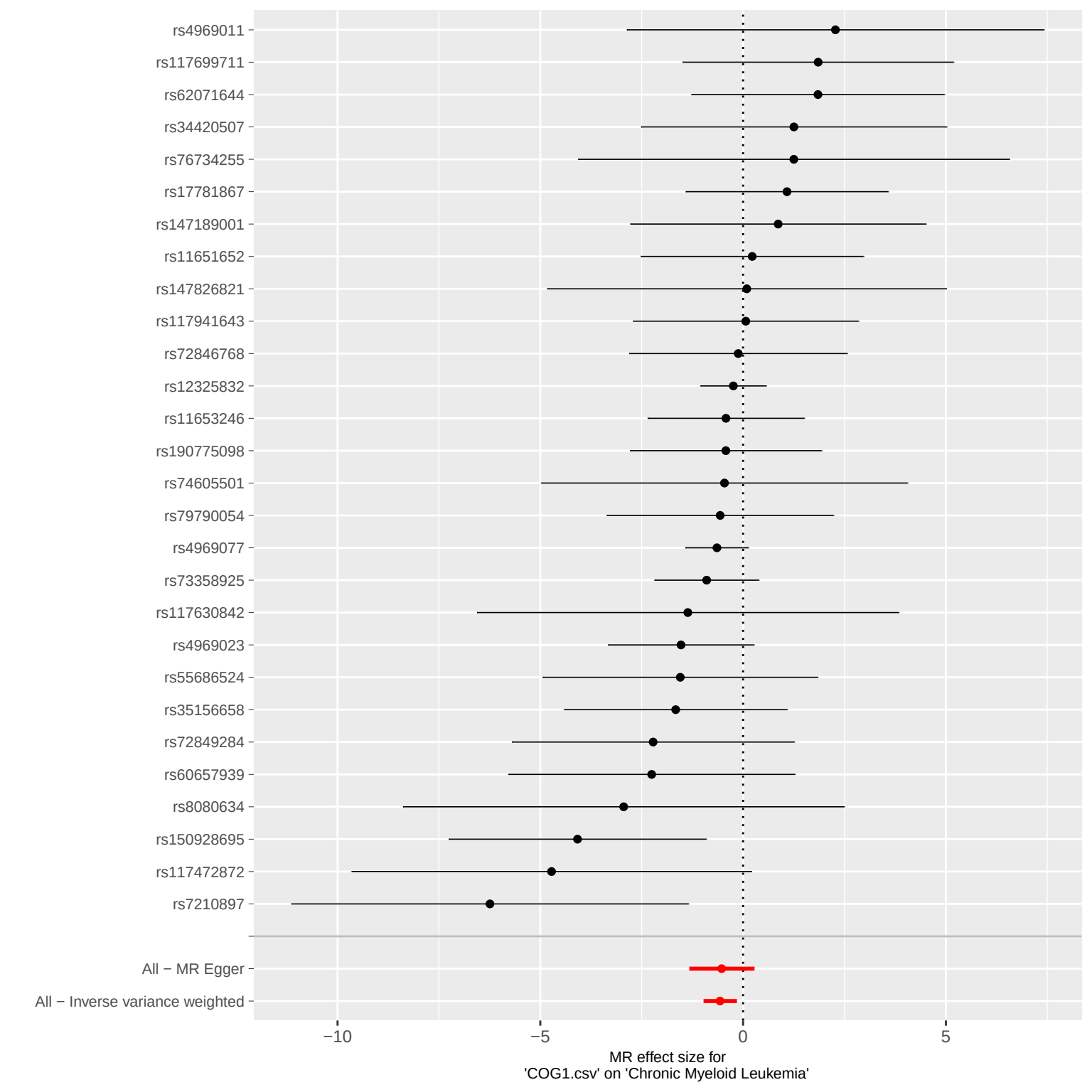
MR effect size for
'COBLL1.csv' on 'Chronic Myeloid Leukemia'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rs35156658
rs72849284
rs60657939
rs8080634
rs150928695
rs117472872
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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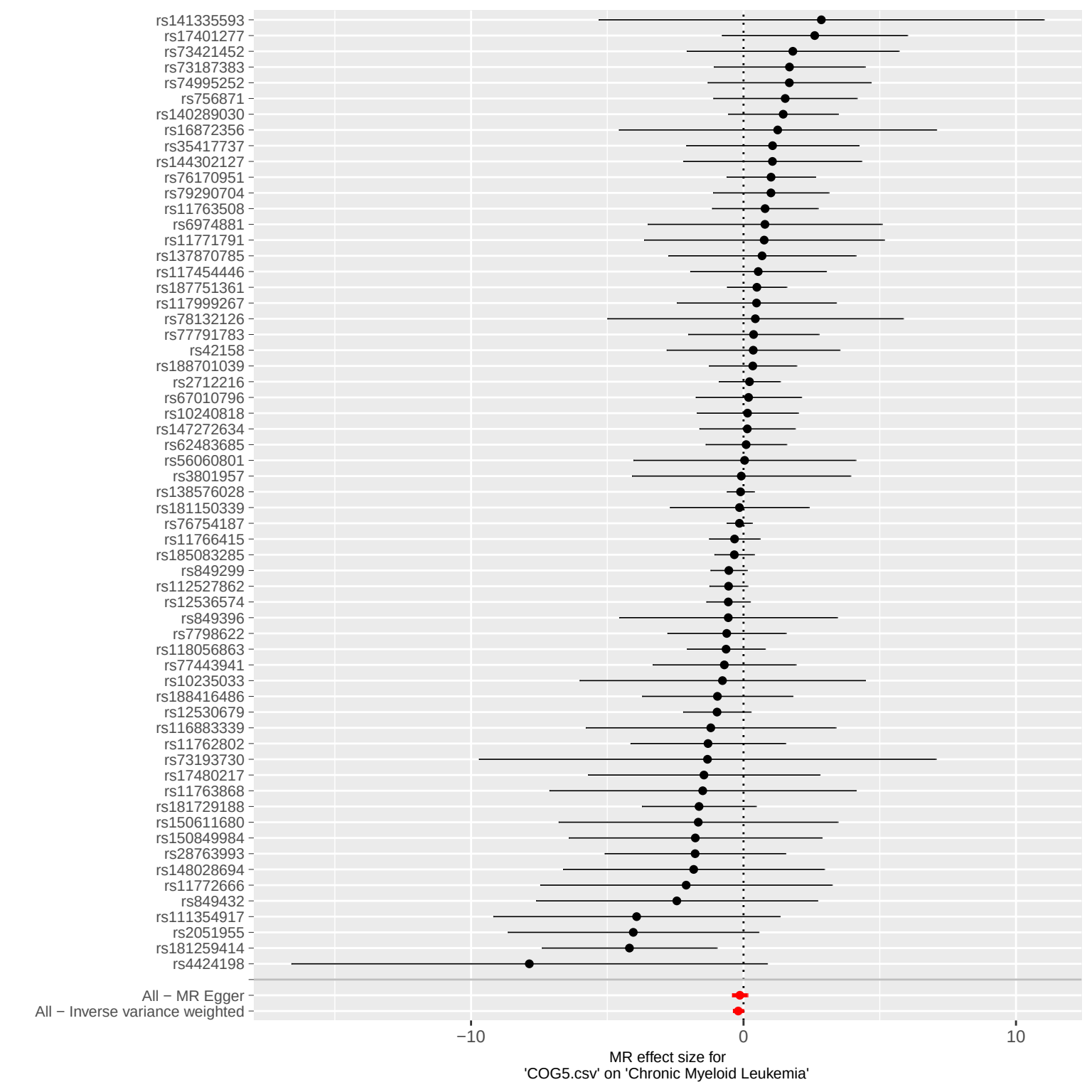
MR effect size for
'COG1.csv' on 'Chronic Myeloid Leukemia'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rs28763993
rs148028694
rs11772666
rs849432
rs111354917
rs2051955
rs181259414
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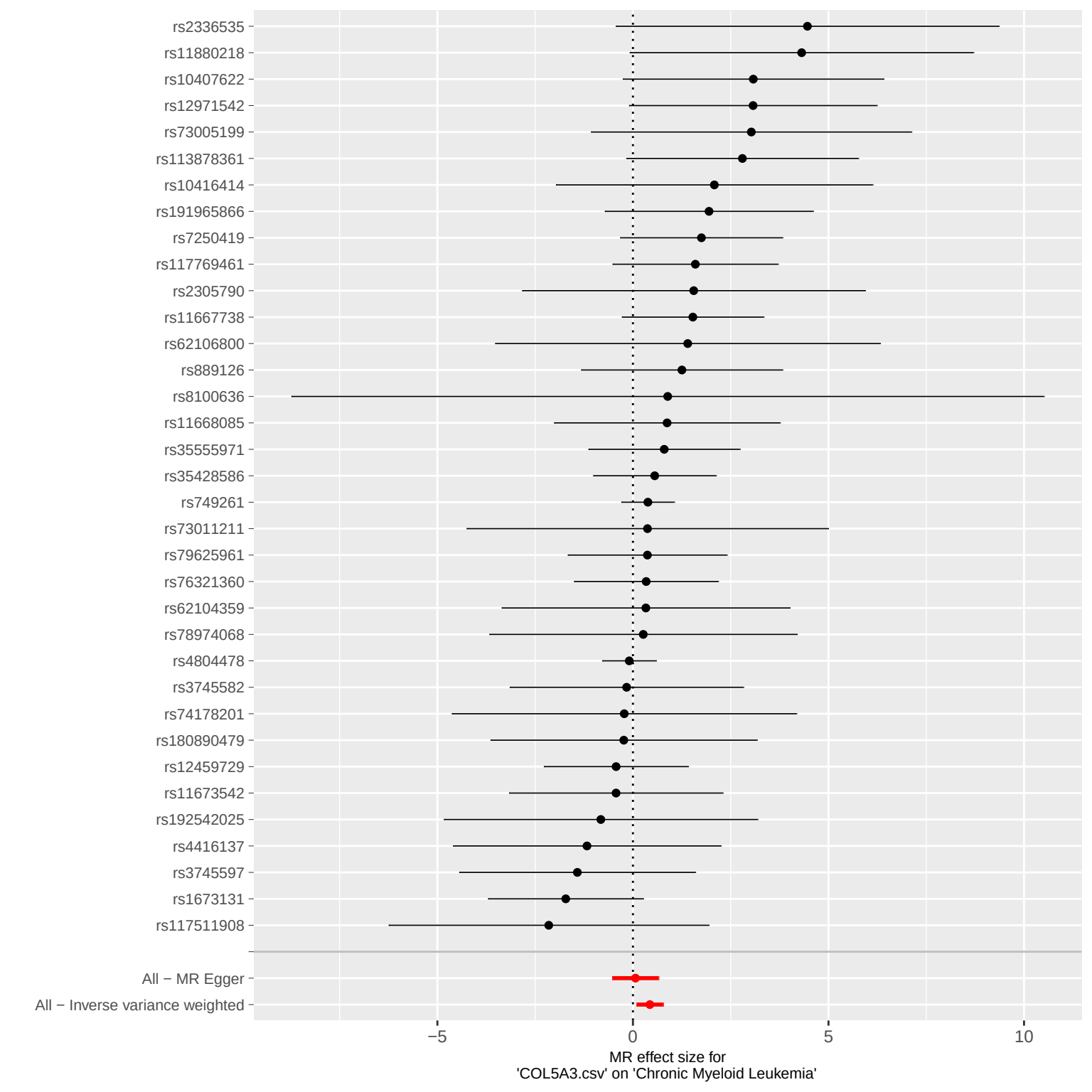
All − MR Egger
All − Inverse variance weighted
−10
0
10
MR effect size for
'COG5.csv' on 'Chronic Myeloid Leukemia'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rs3745582
rs74178201
rs180890479
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rs11673542
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rs3745597
rs1673131
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All − MR Egger
All − Inverse variance weighted
−5
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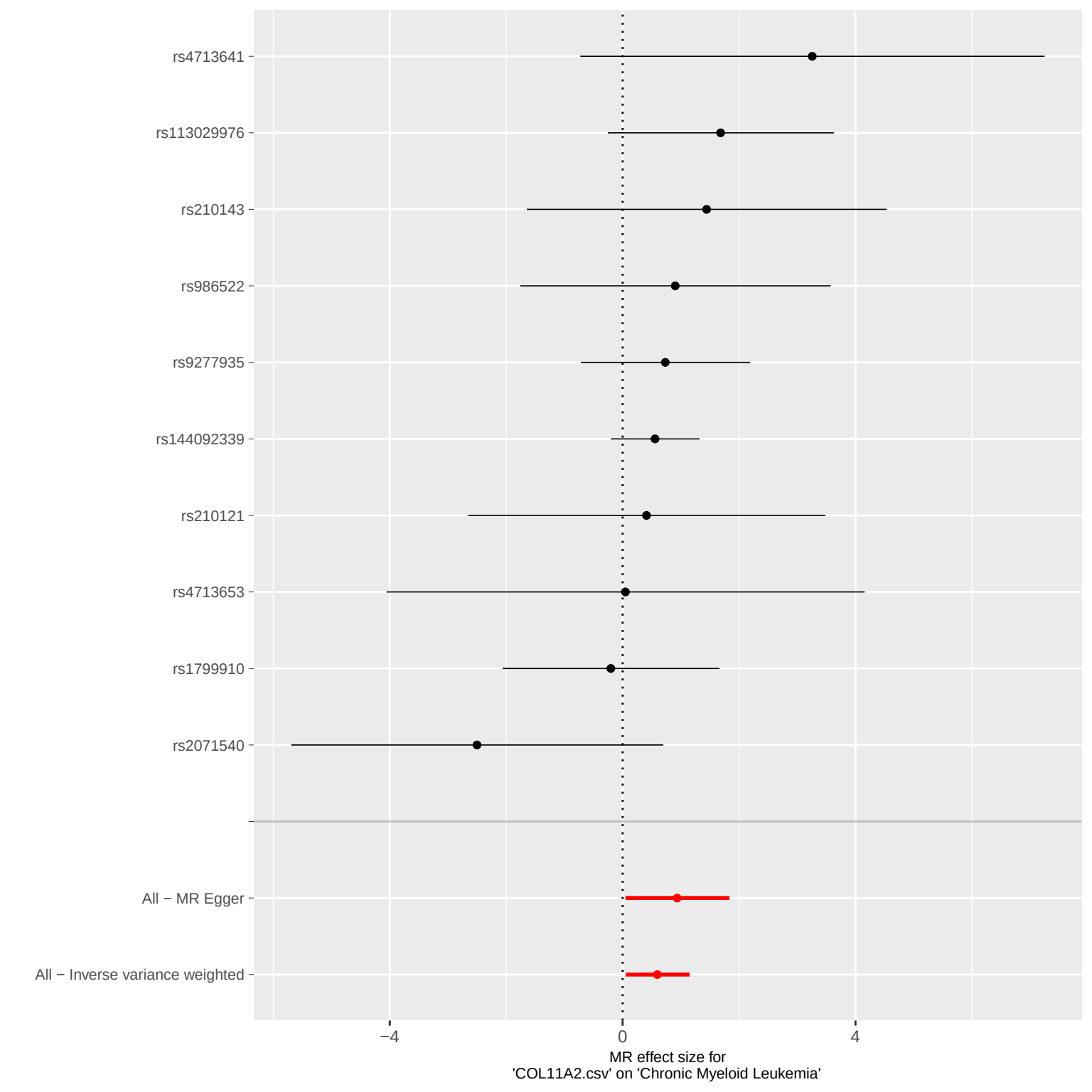
5
10
MR effect size for
'COL5A3.csv' on 'Chronic Myeloid Leukemia'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rs1799910
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All − MR Egger
All − Inverse variance weighted
−4
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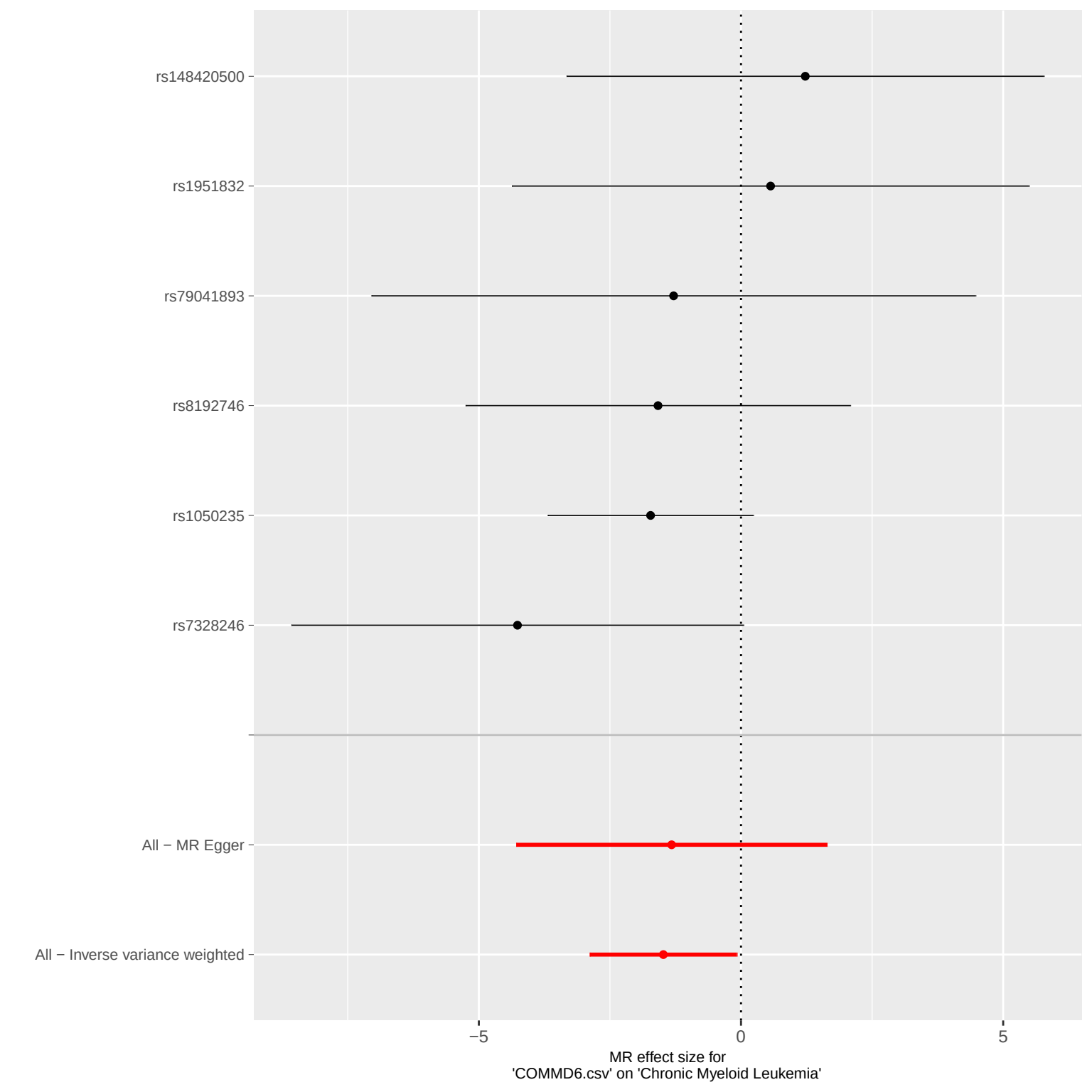
'COL11A2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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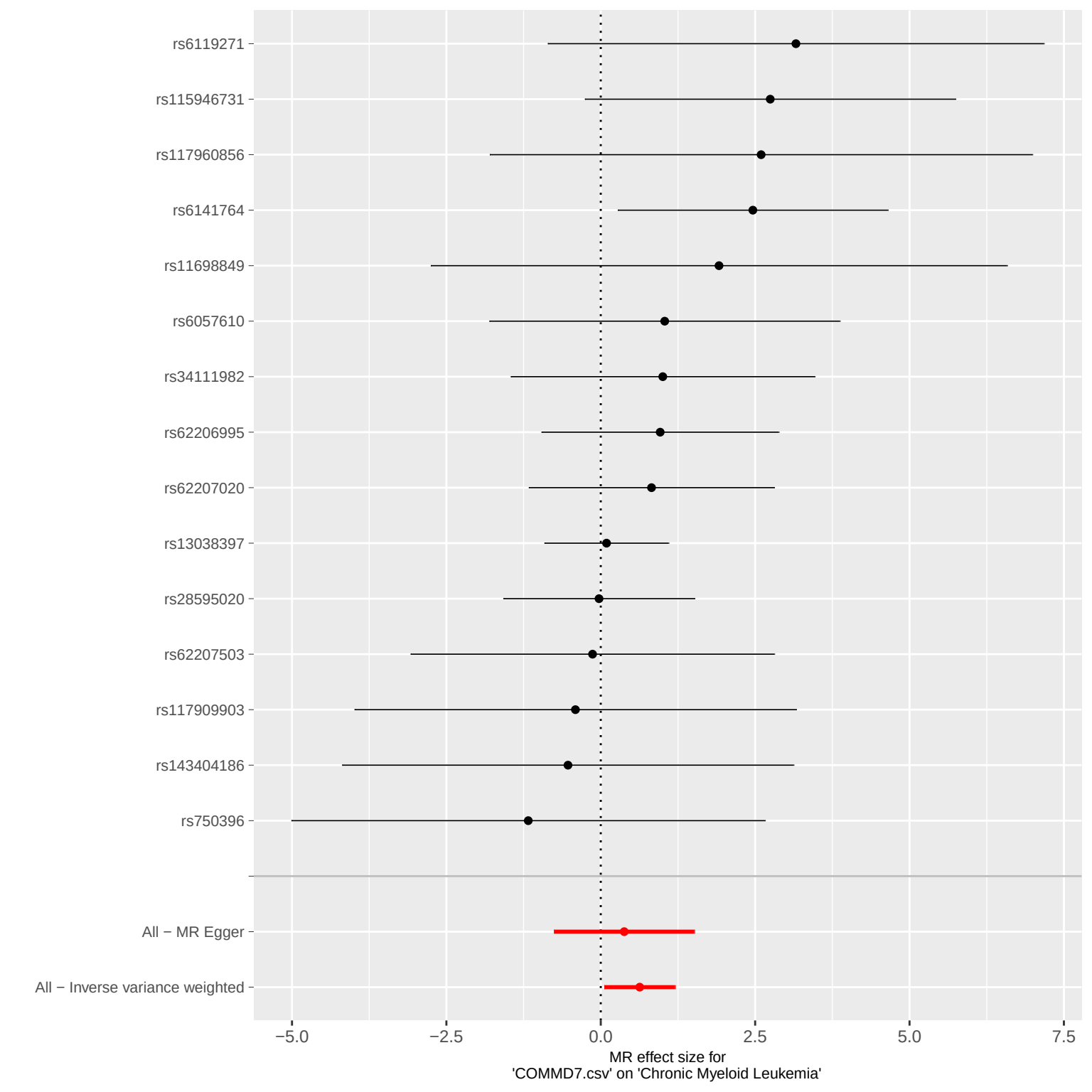
5
MR effect size for
'COMMD6.csv' on 'Chronic Myeloid Leukemia'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rs28595020
rs62207503
rs117909903
rs143404186
rs750396
All − MR Egger
All − Inverse variance weighted
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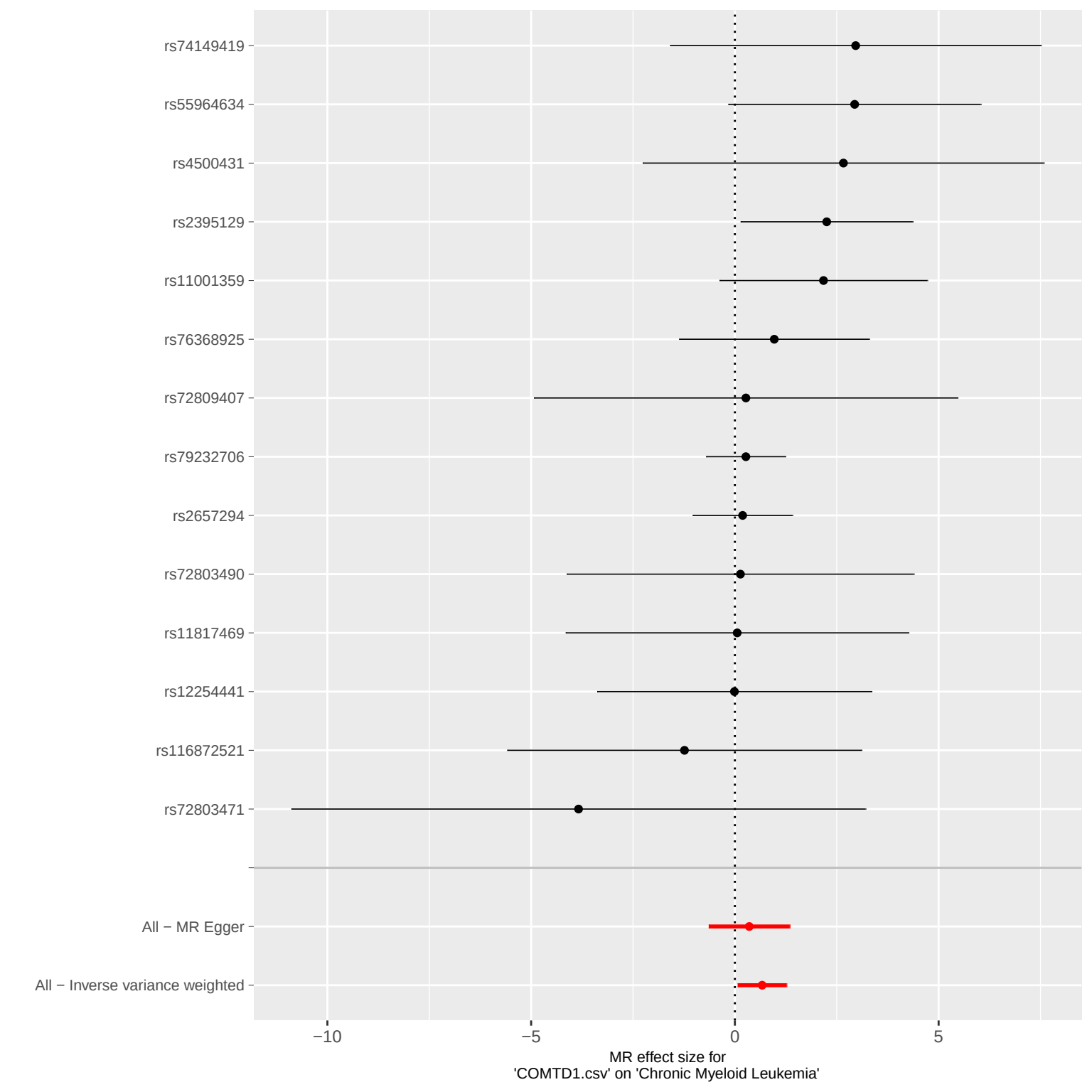
0.0
2.5
5.0
7.5
MR effect size for
'COMMD7.csv' on 'Chronic Myeloid Leukemia'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rs11817469
rs12254441
rs116872521
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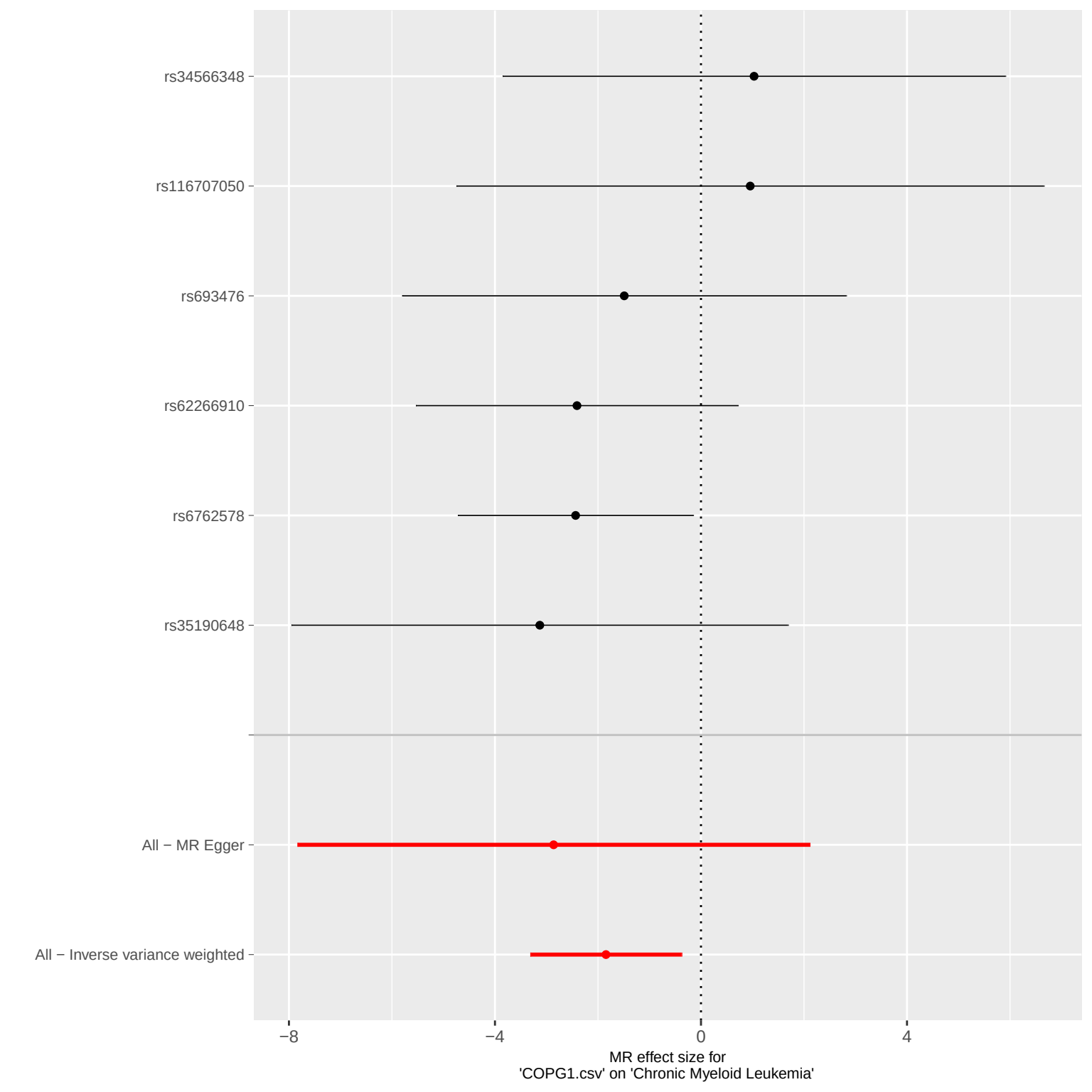
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'COMTD1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−4
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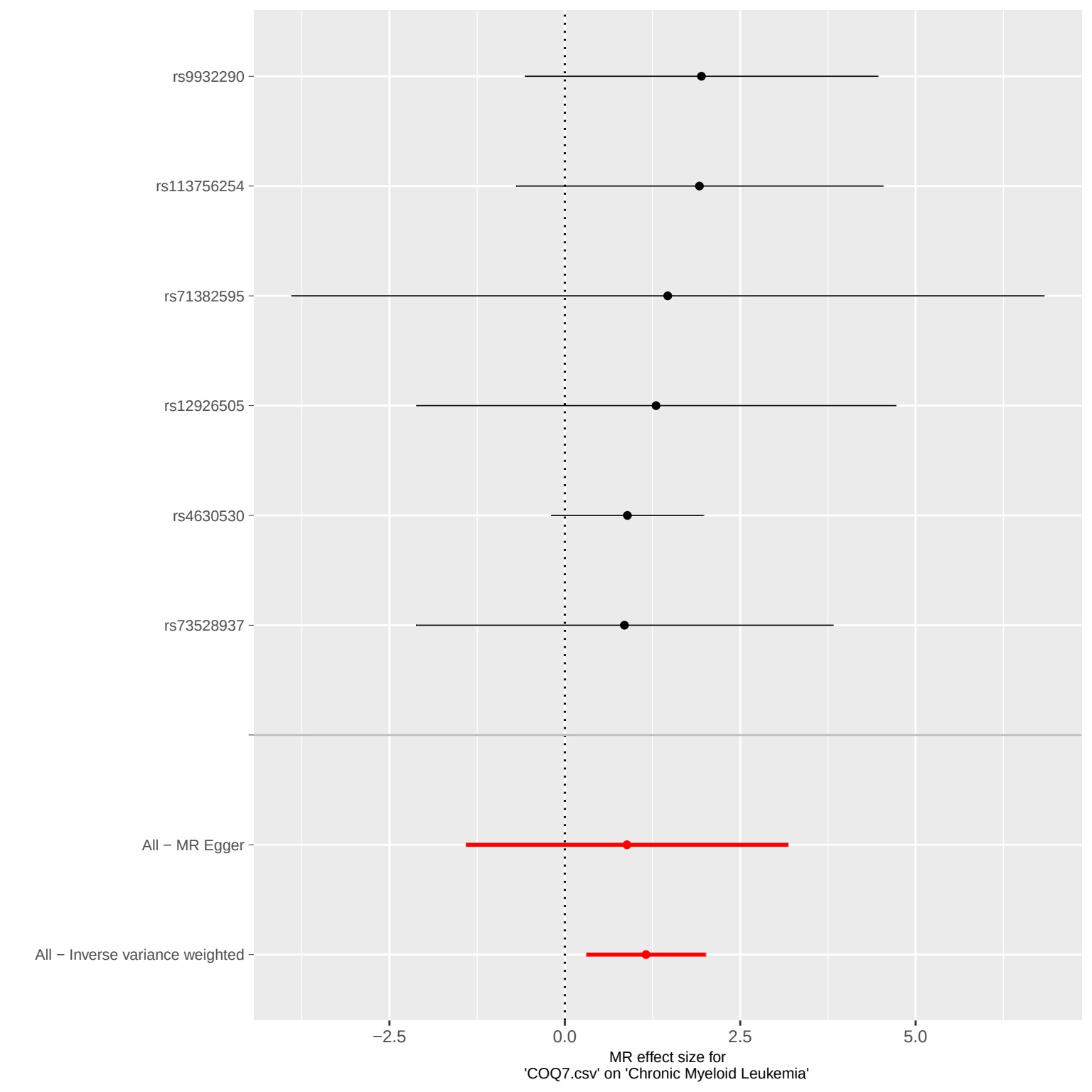
MR effect size for
'COPG1.csv' on 'Chronic Myeloid Leukemia'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rs4630530
rs73528937
All − MR Egger
All − Inverse variance weighted
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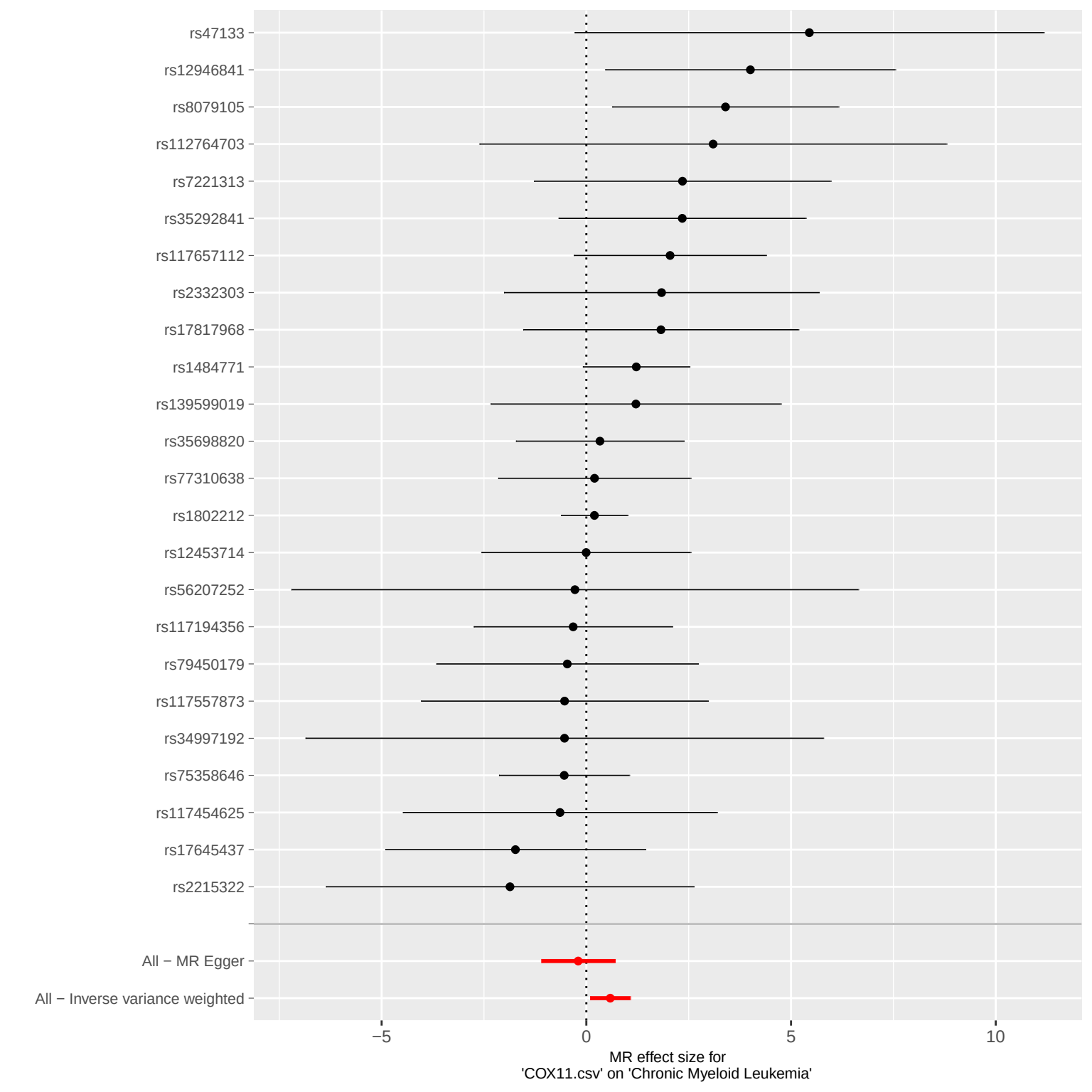
0.0
2.5
5.0
MR effect size for
'COQ7.csv' on 'Chronic Myeloid Leukemia'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rs56207252
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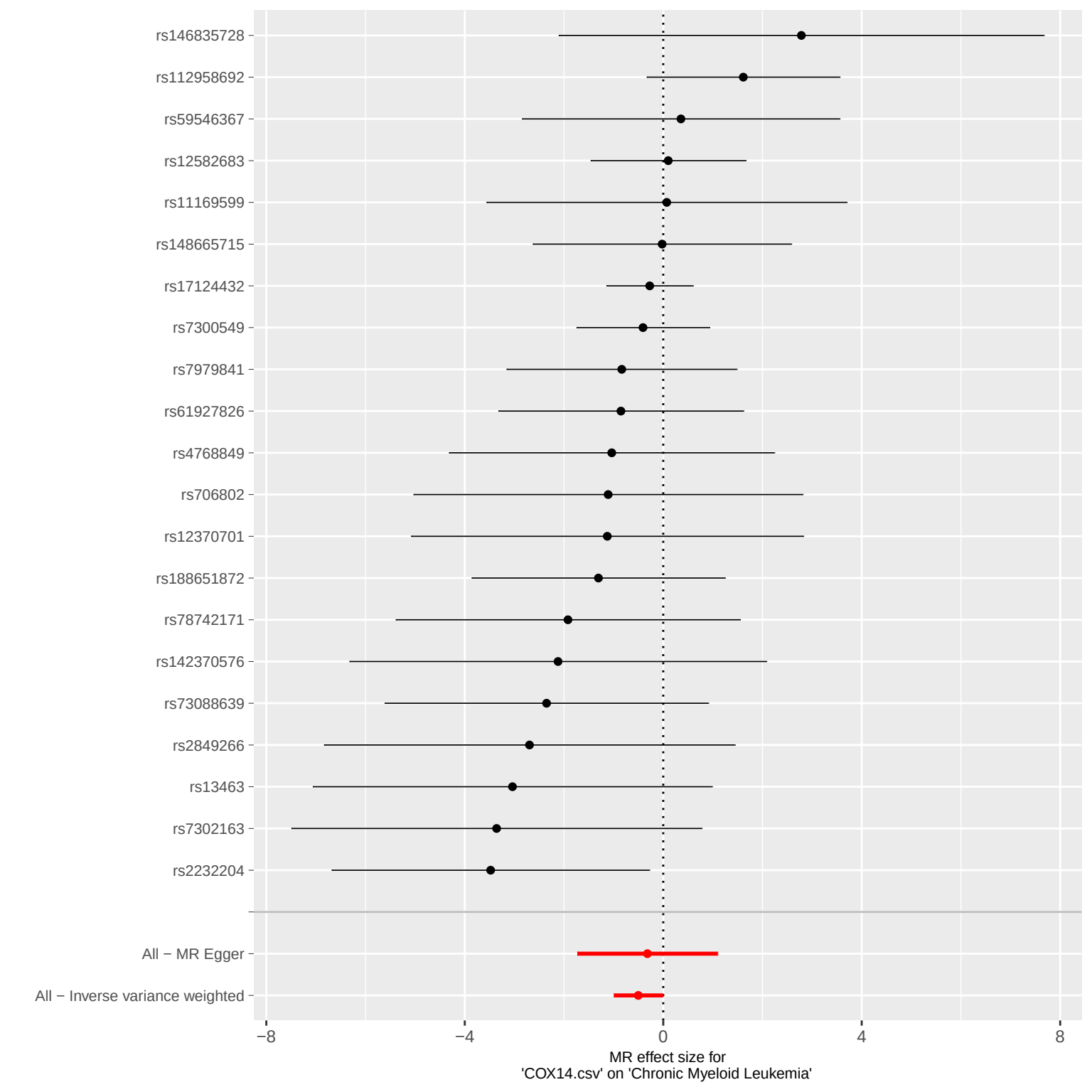
rs79450179
rs117557873
rs34997192
rs75358646
rs117454625
rs17645437
rs2215322
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'COX11.csv' on 'Chronic Myeloid Leukemia'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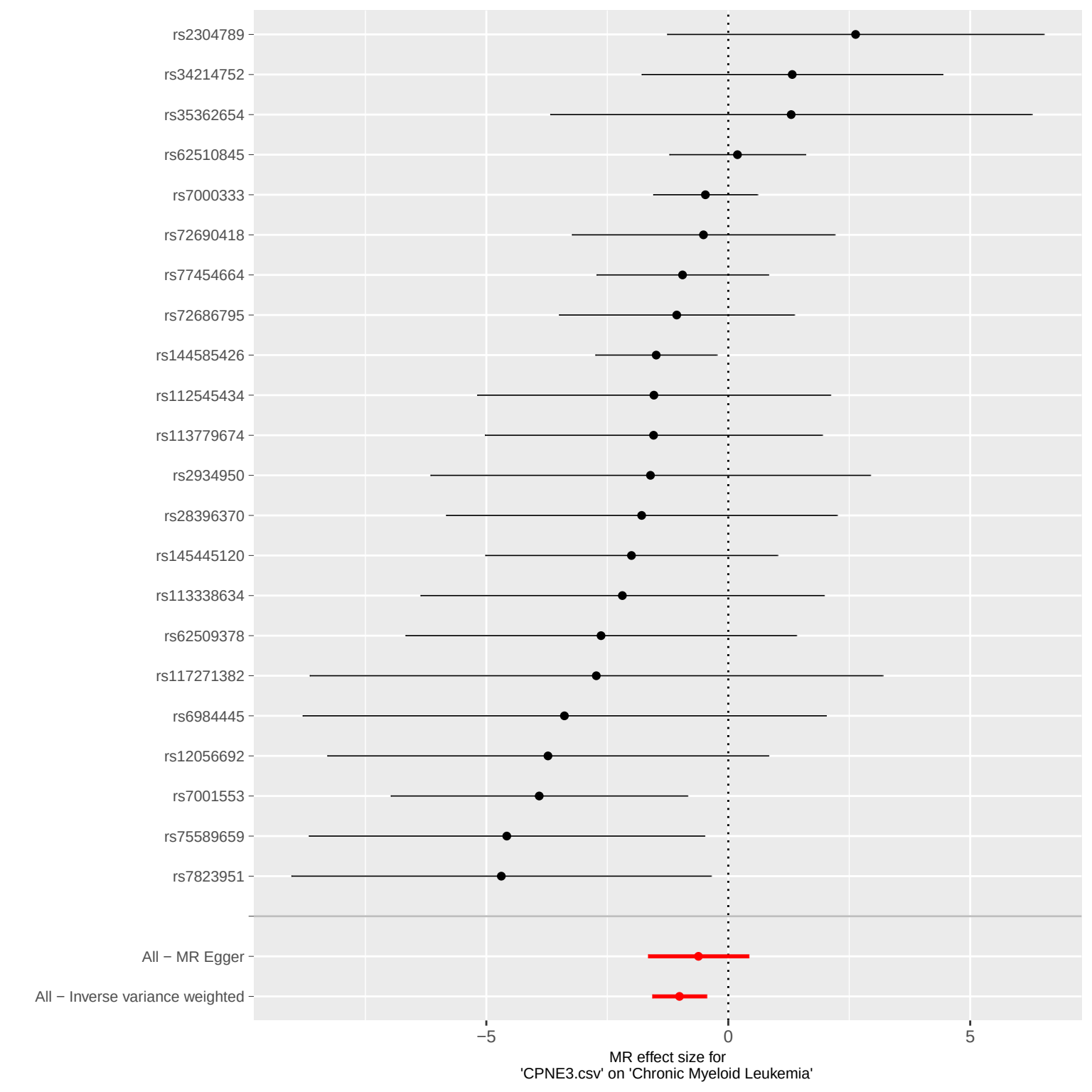
rs4768849
rs706802
rs12370701
rs188651872
rs78742171
rs142370576
rs73088639
rs2849266
rs13463
rs7302163
rs2232204
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'COX14.csv' on 'Chronic Myeloid Leukemia'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rs113338634
rs62509378
rs117271382
rs6984445
rs12056692
rs7001553
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All − MR Egger
All − Inverse variance weighted
−5
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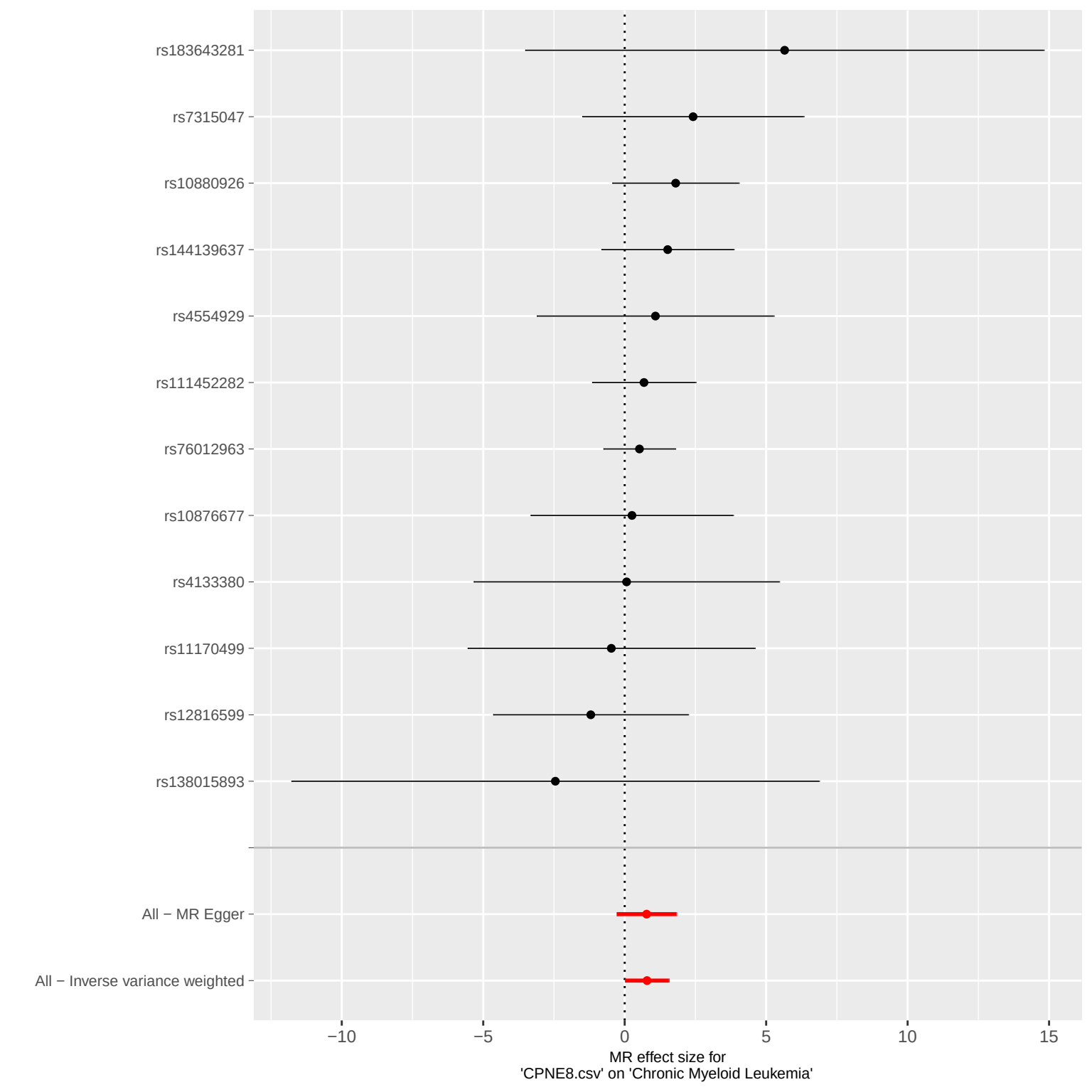
5
MR effect size for
'CPNE3.csv' on 'Chronic Myeloid Leukemia'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rs4133380
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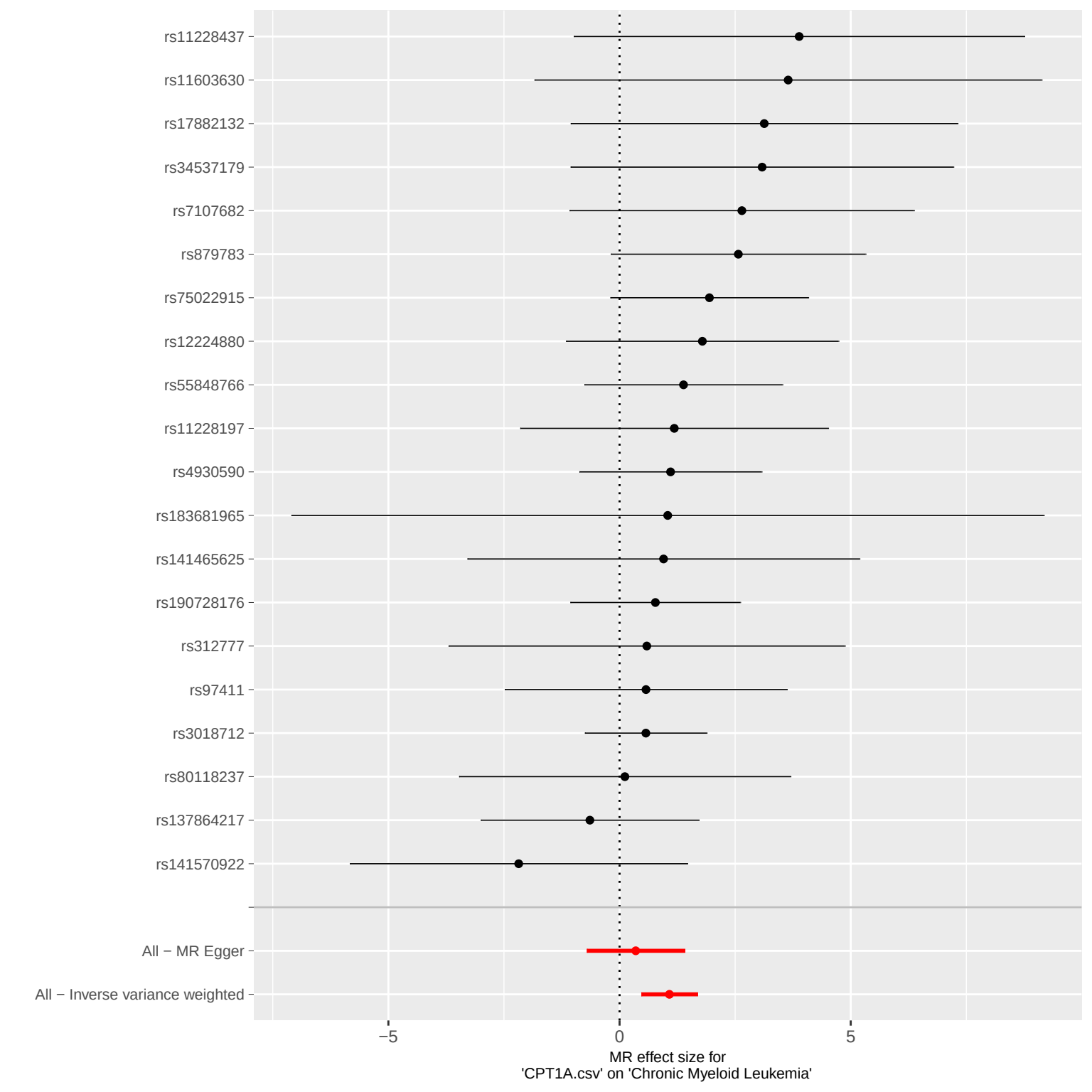
rs12816599
rs138015893
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
15
MR effect size for
'CPNE8.csv' on 'Chronic Myeloid Leukemia'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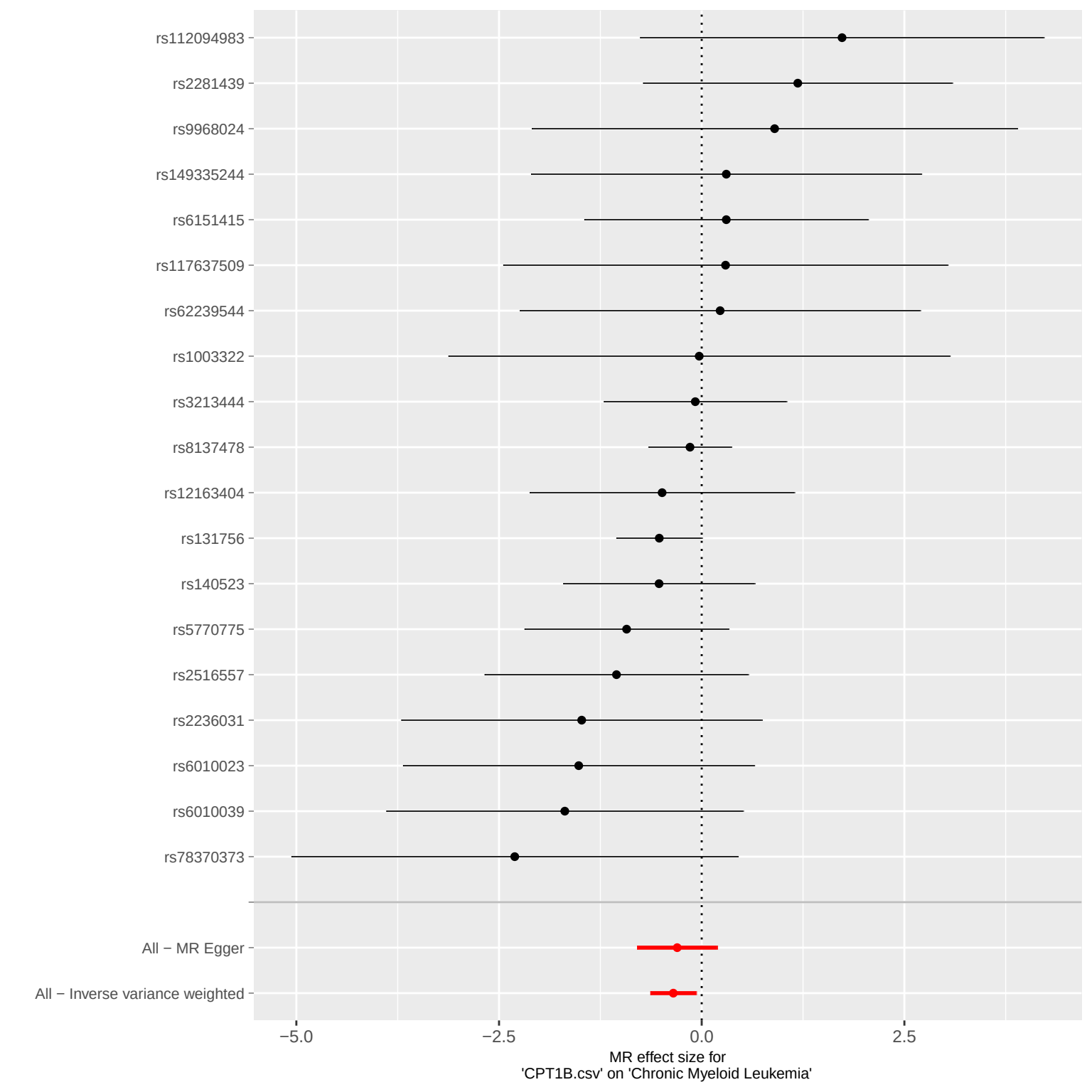
rs141465625
rs190728176
rs312777
rs97411
rs3018712
rs80118237
rs137864217
rs141570922
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CPT1A.csv' on 'Chronic Myeloid Leukemia'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rs12163404
rs131756
rs140523
rs5770775
rs2516557
rs2236031
rs6010023
rs6010039
rs78370373
All − MR Egger
All − Inverse variance weighted
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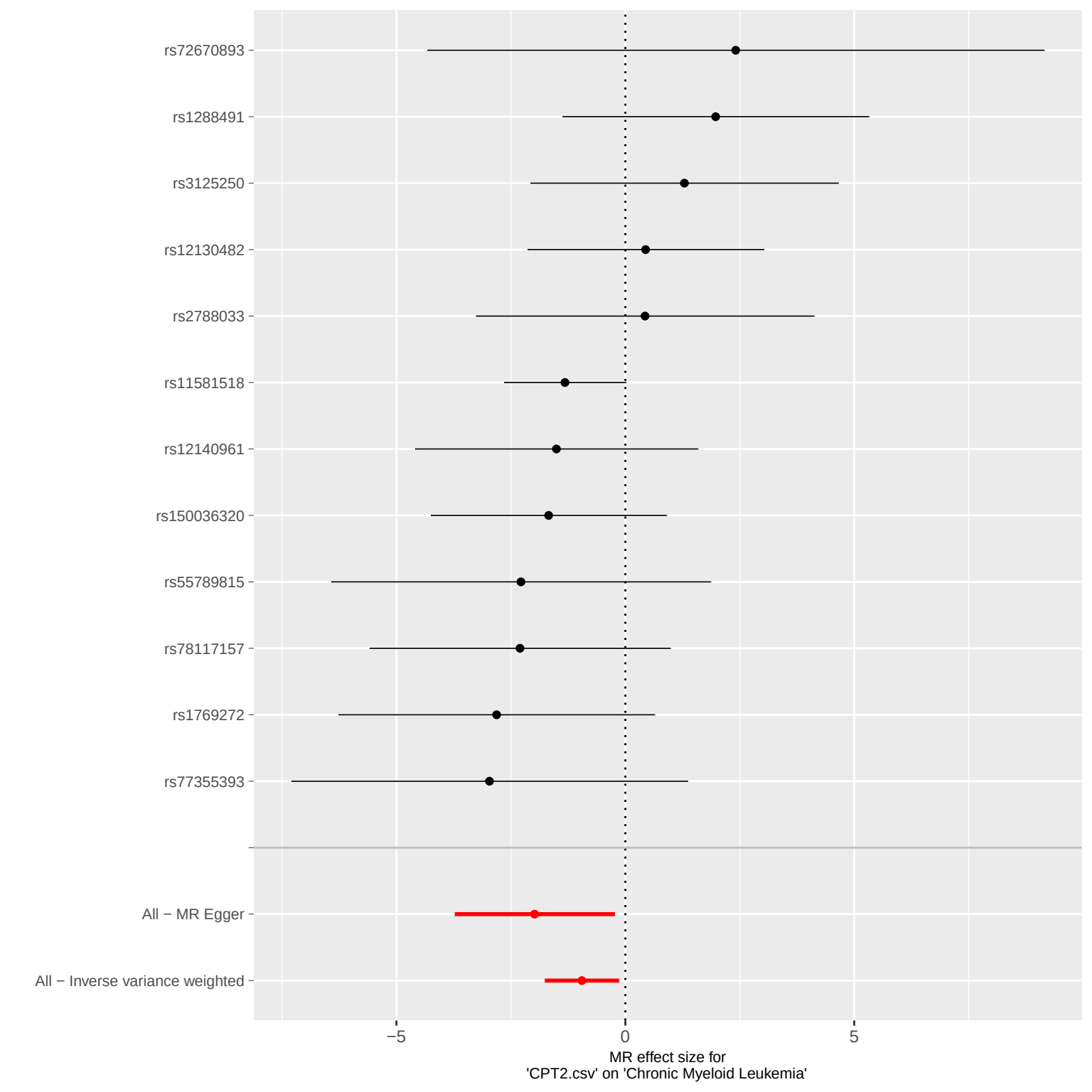
−2.5
0.0
2.5
MR effect size for
'CPT1B.csv' on 'Chronic Myeloid Leukemia'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rs55789815
rs78117157
rs1769272
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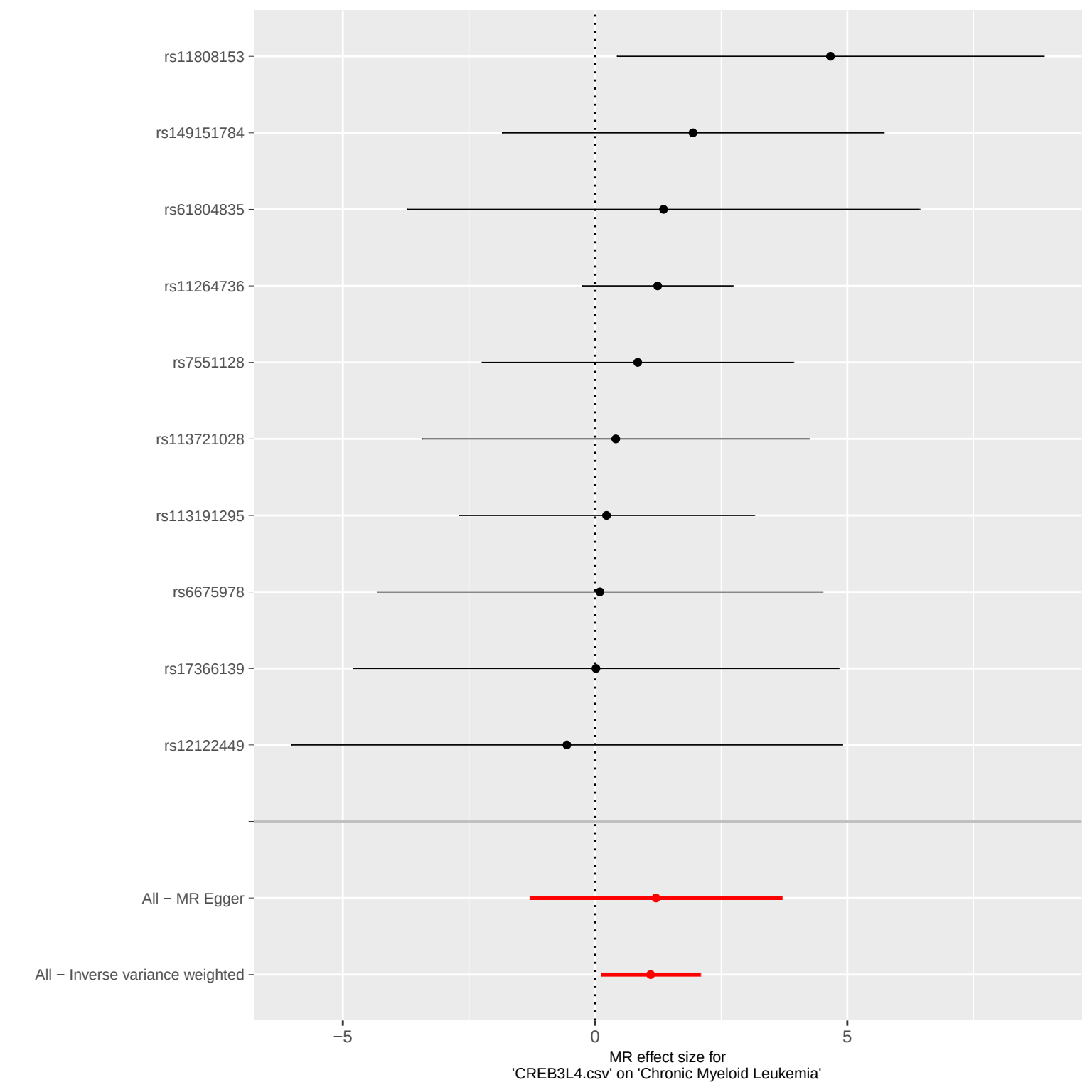
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CPT2.csv' on 'Chronic Myeloid Leukemia'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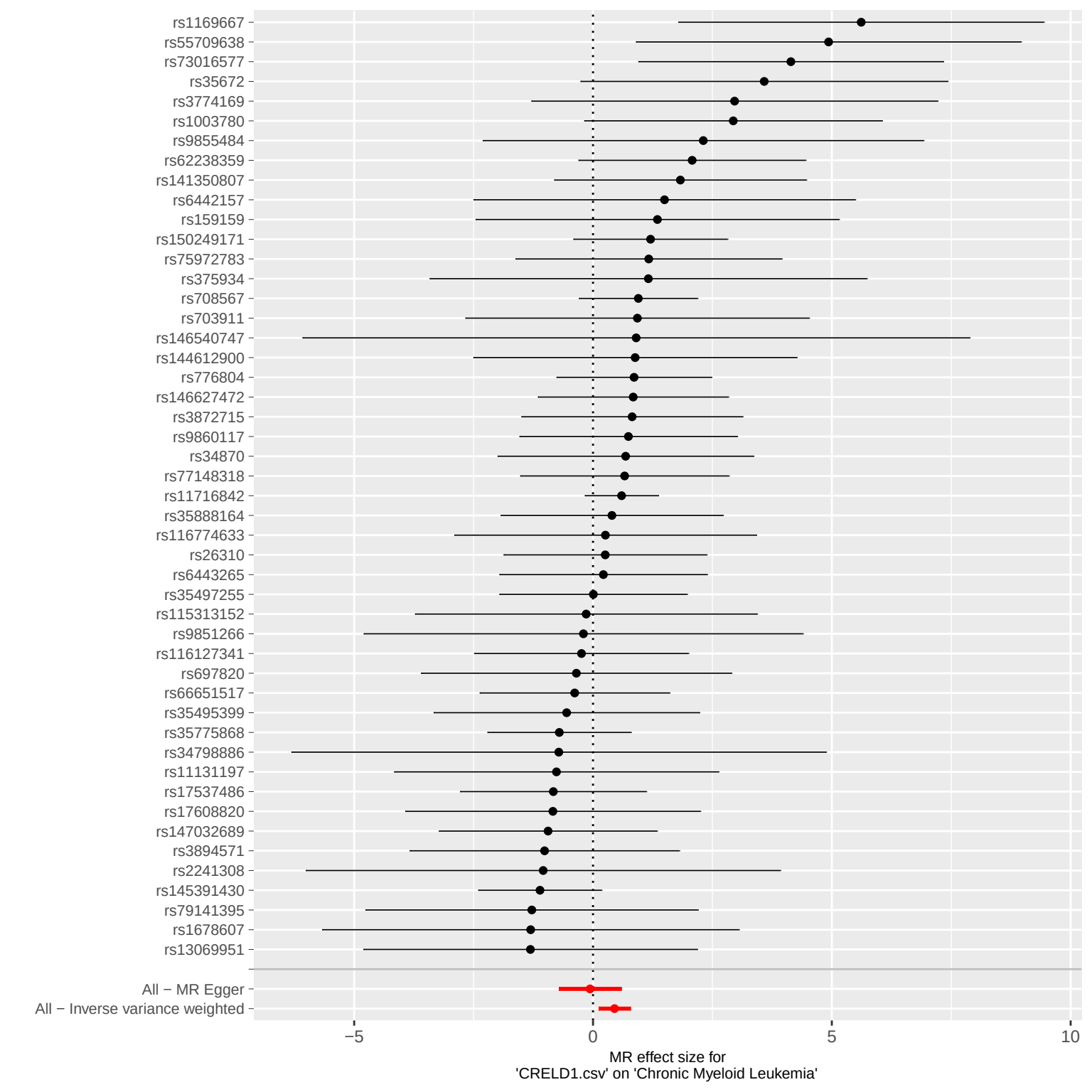
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CREB3L4.csv' on 'Chronic Myeloid Leukemia'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rs17537486
rs17608820
rs147032689
rs3894571
rs2241308
rs145391430
rs79141395
rs1678607
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All − MR Egger
All − Inverse variance weighted
−5
0
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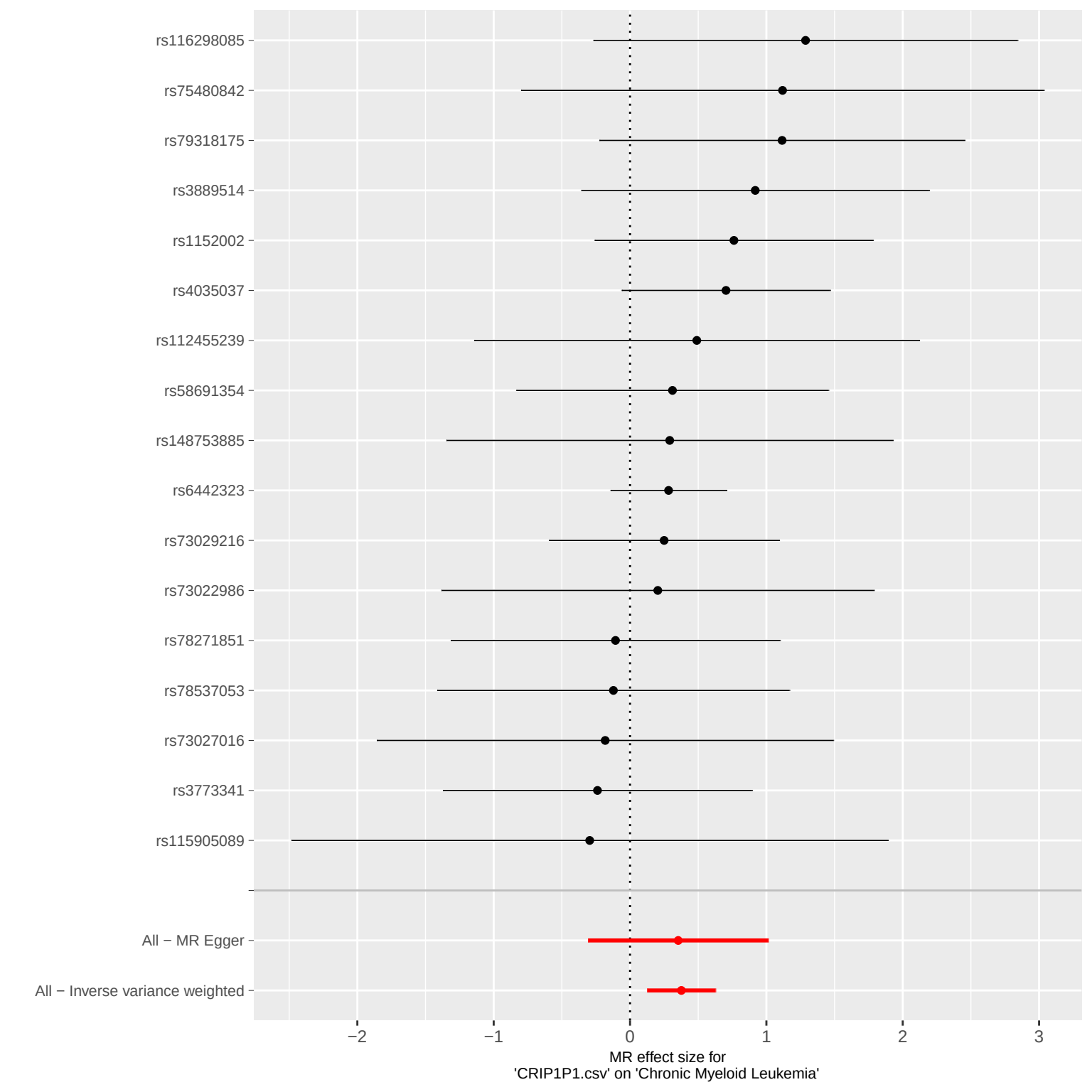
MR effect size for
'CRELD1.csv' on 'Chronic Myeloid Leukemia'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rs73027016
rs3773341
rs115905089
All − MR Egger
All − Inverse variance weighted
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−1
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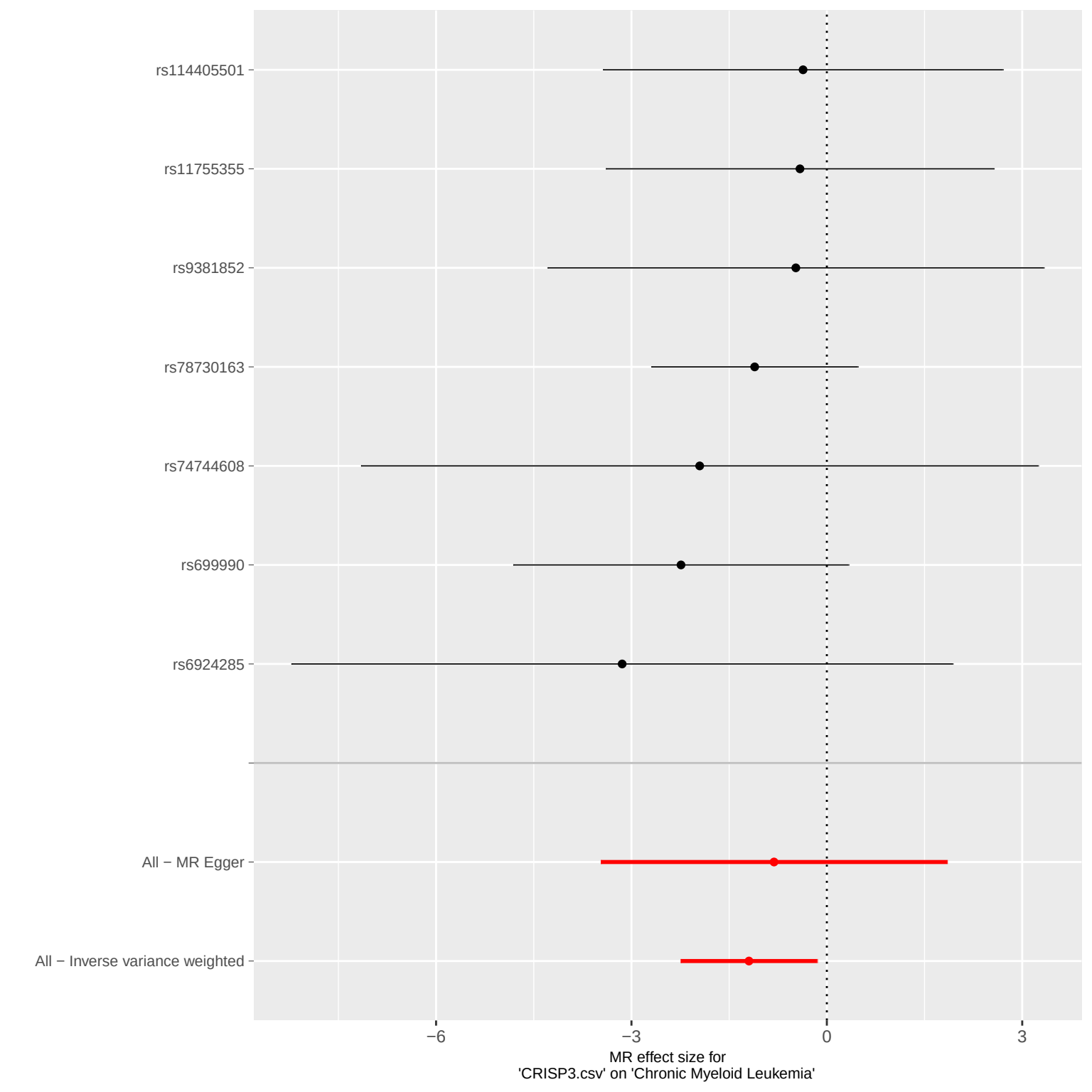
1
2
3
MR effect size for
'CRIP1P1.csv' on 'Chronic Myeloid Leukemia'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rs9381852
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rs699990
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All − MR Egger
All − Inverse variance weighted
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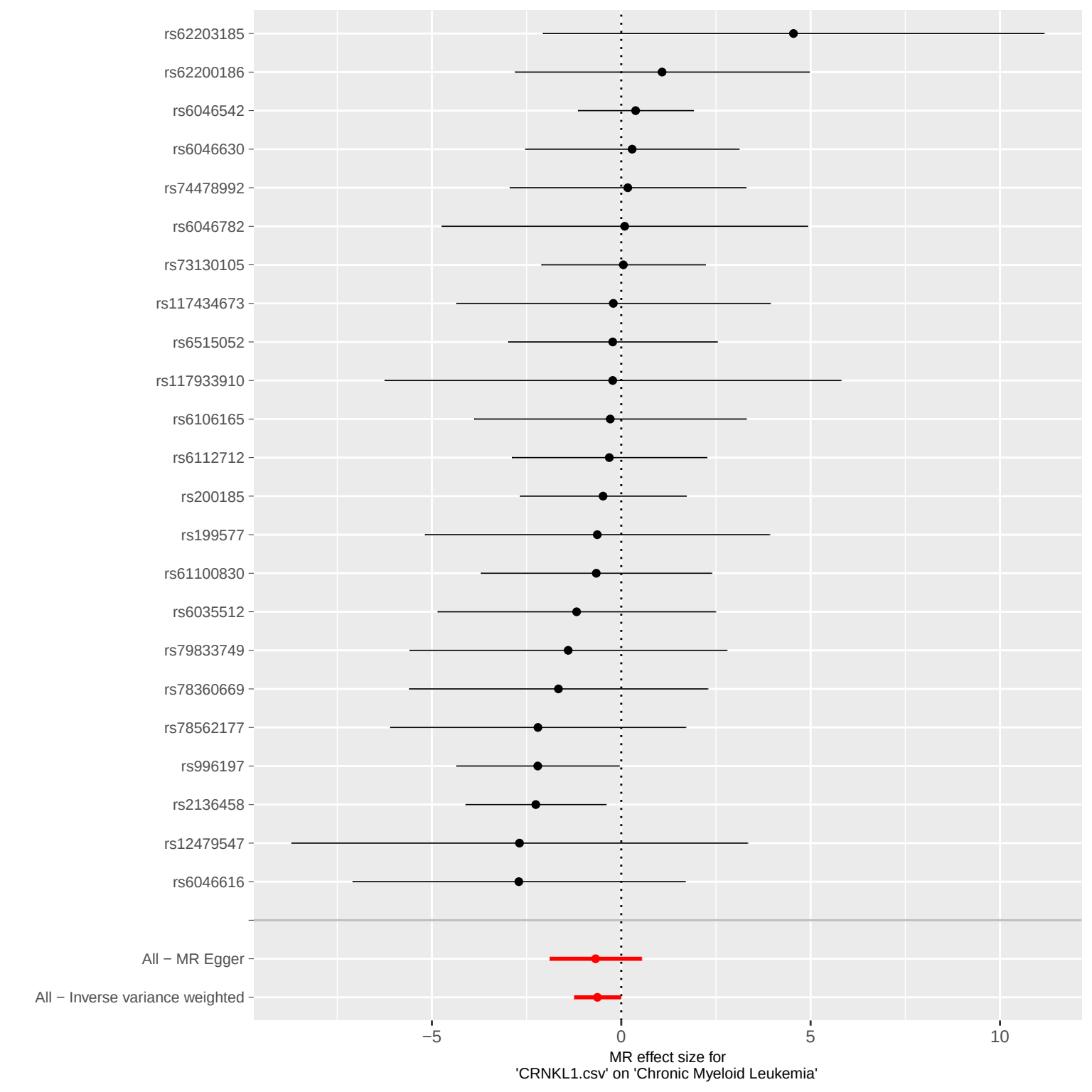
−3
0
3
MR effect size for
'CRISP3.csv' on 'Chronic Myeloid Leukemia'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rs200185
rs199577
rs61100830
rs6035512
rs79833749
rs78360669
rs78562177
rs996197
rs2136458
rs12479547
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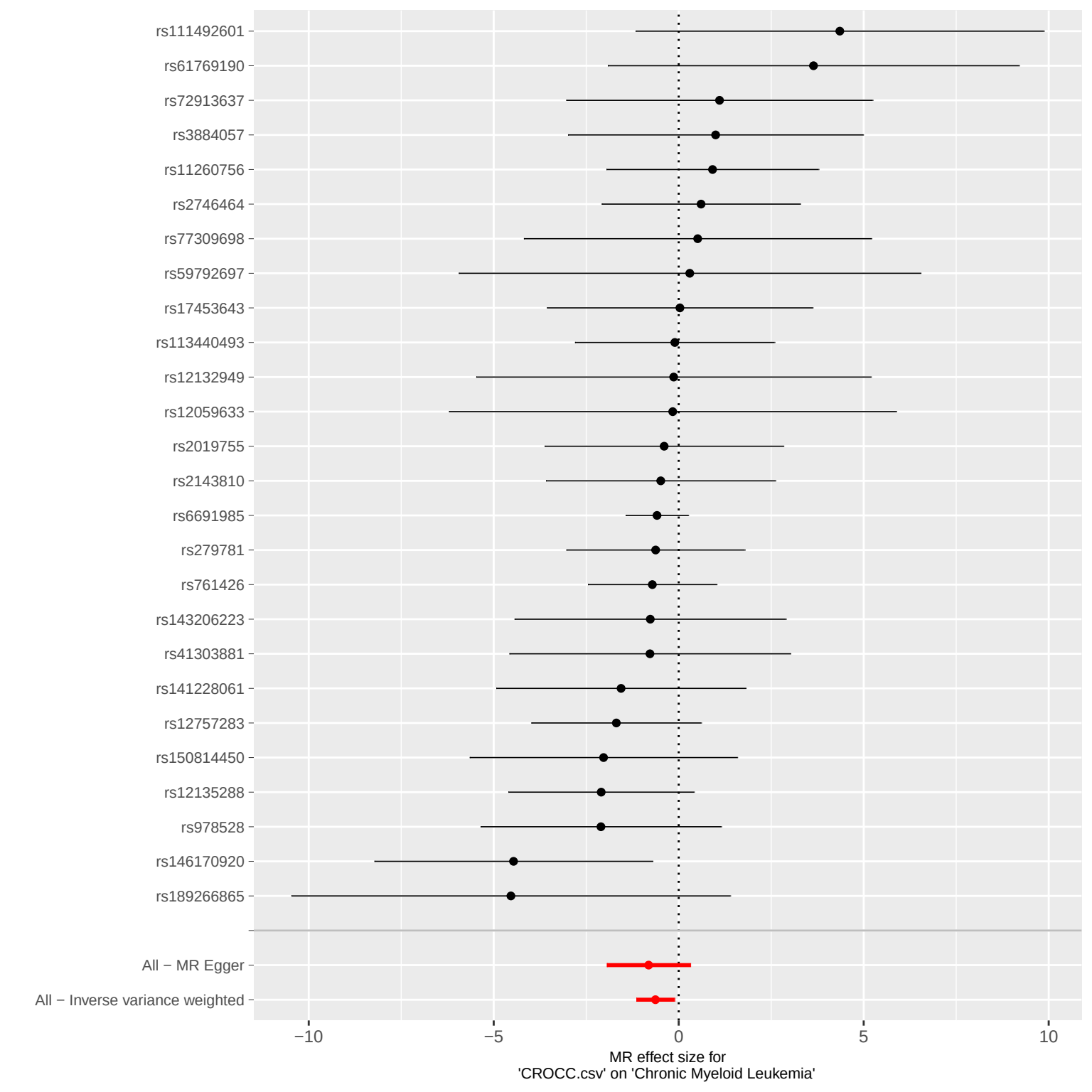
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'CRNKL1.csv' on 'Chronic Myeloid Leukemia'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rs2019755
rs2143810
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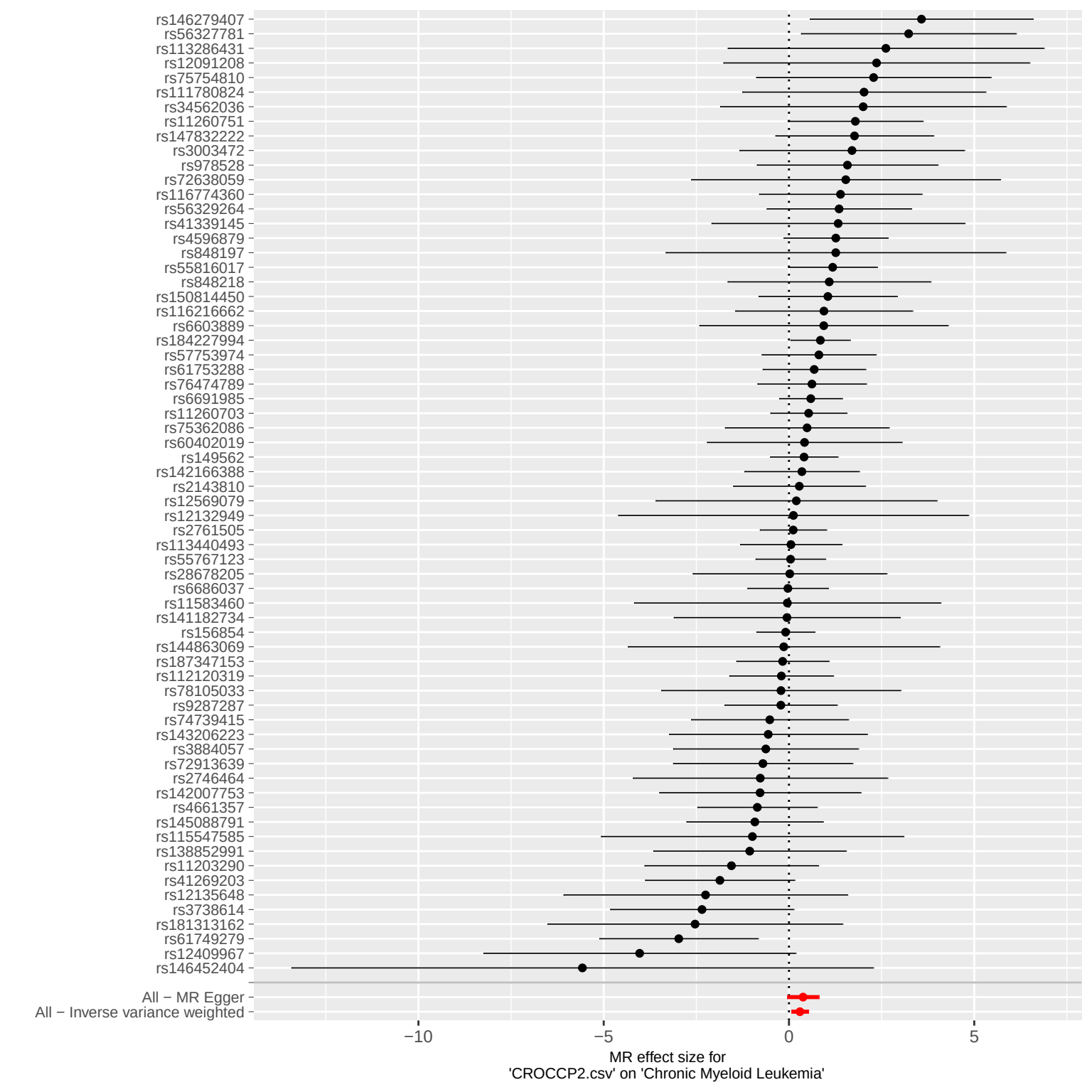
rs279781
rs761426
rs143206223
rs41303881
rs141228061
rs12757283
rs150814450
rs12135288
rs978528
rs146170920
rs189266865
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'CROCC.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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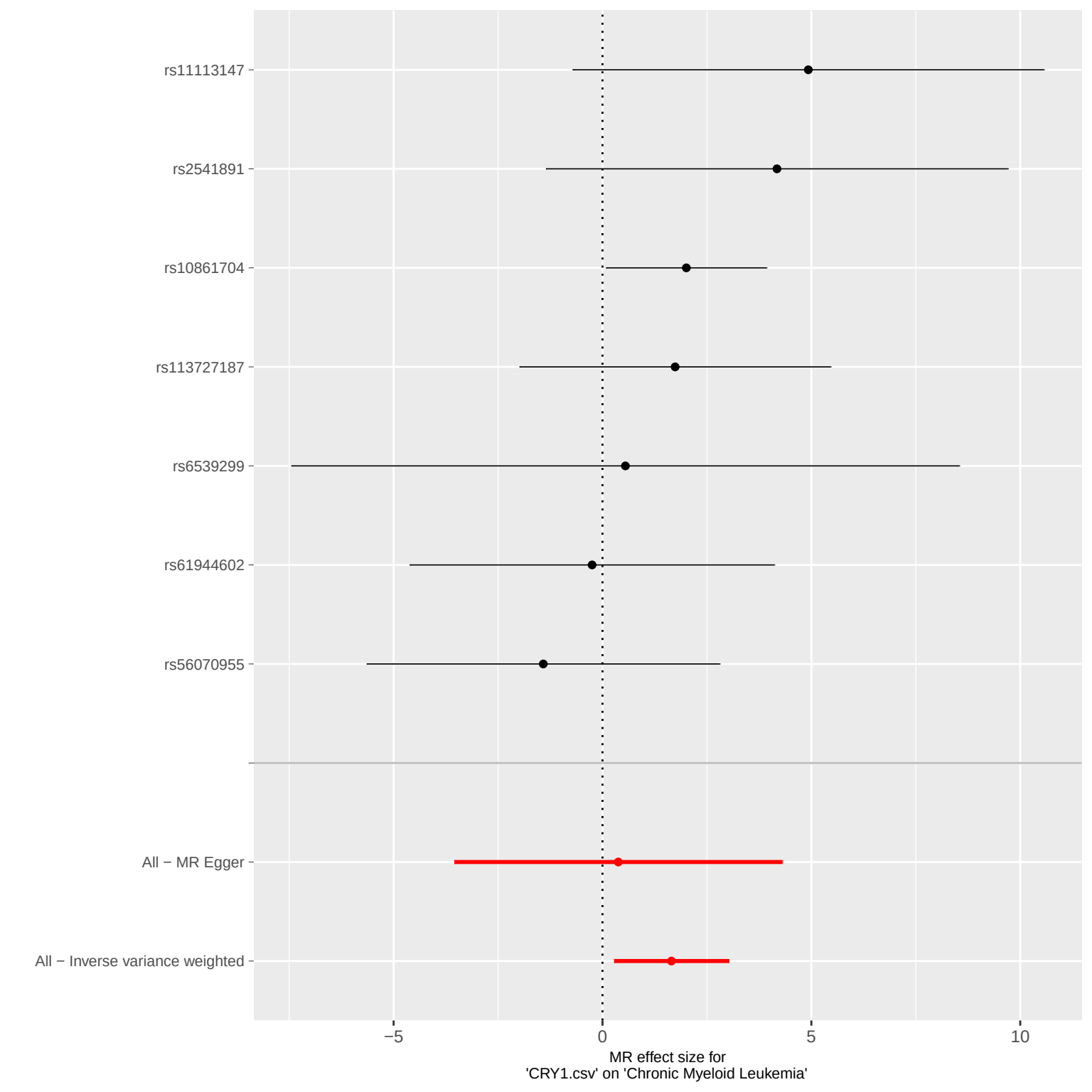
5
MR effect size for
'CROCCP2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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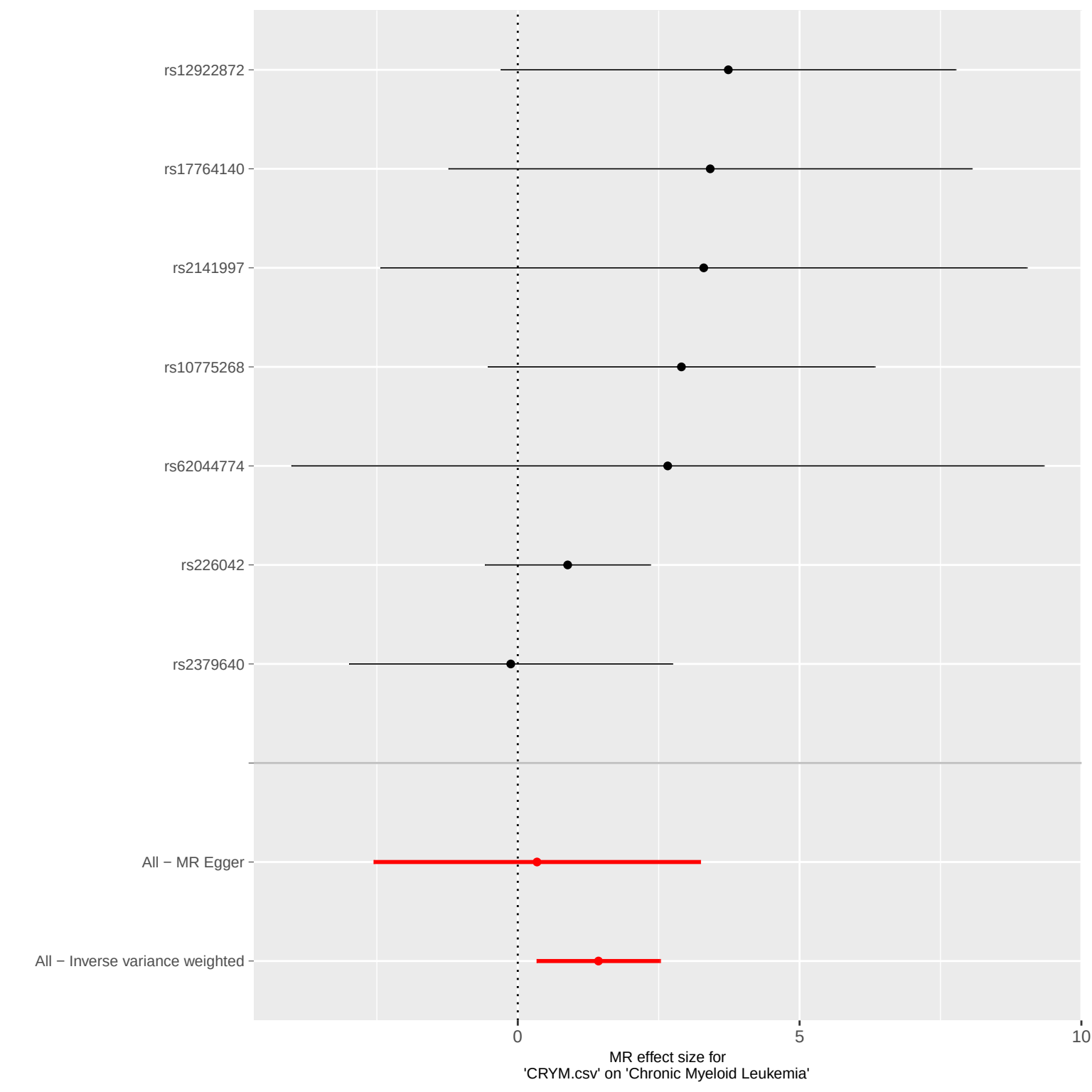
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rs10775268
rs62044774
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All − MR Egger
All − Inverse variance weighted
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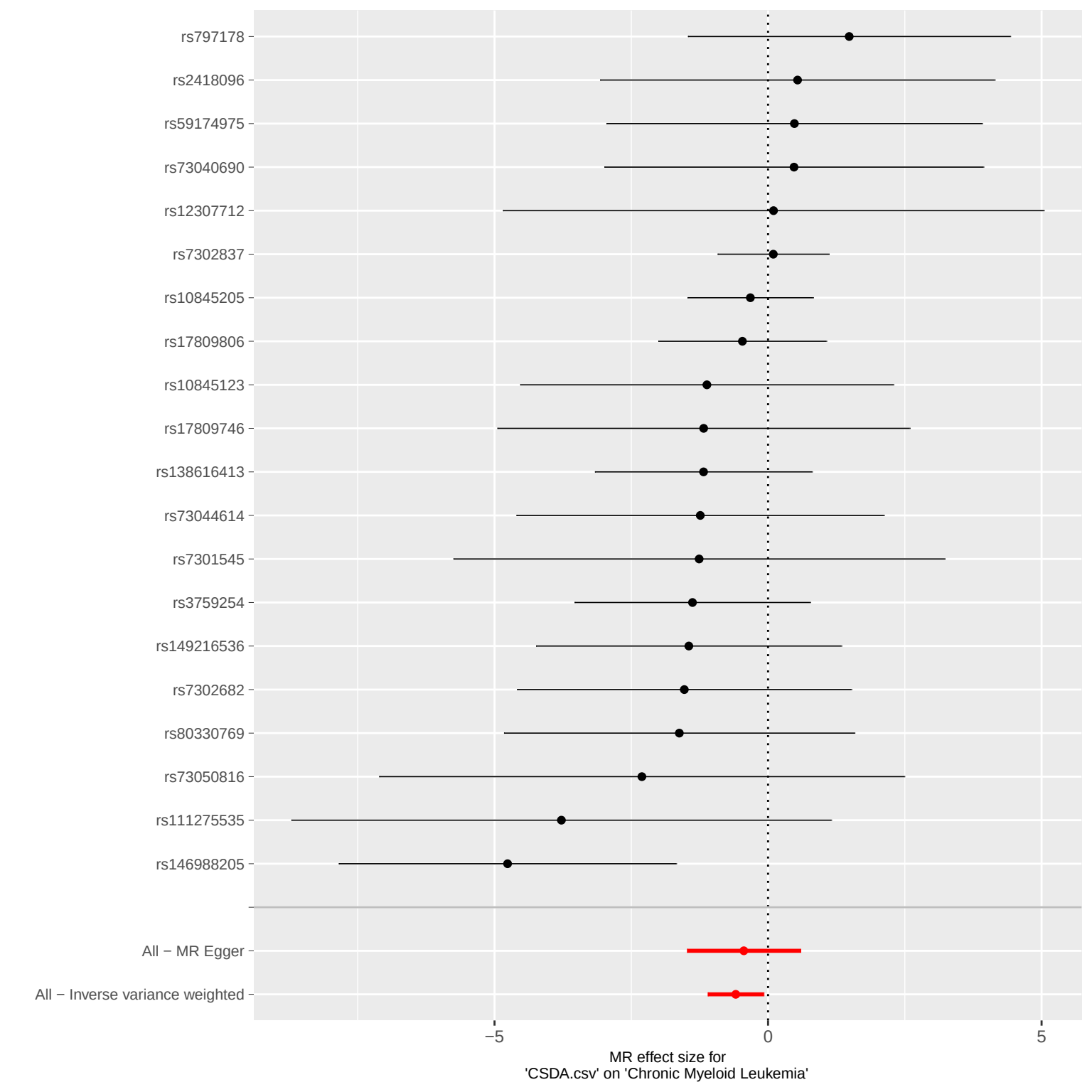
MR effect size for
'CRYM.csv' on 'Chronic Myeloid Leukemia'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rs80330769
rs73050816
rs111275535
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All − MR Egger
All − Inverse variance weighted
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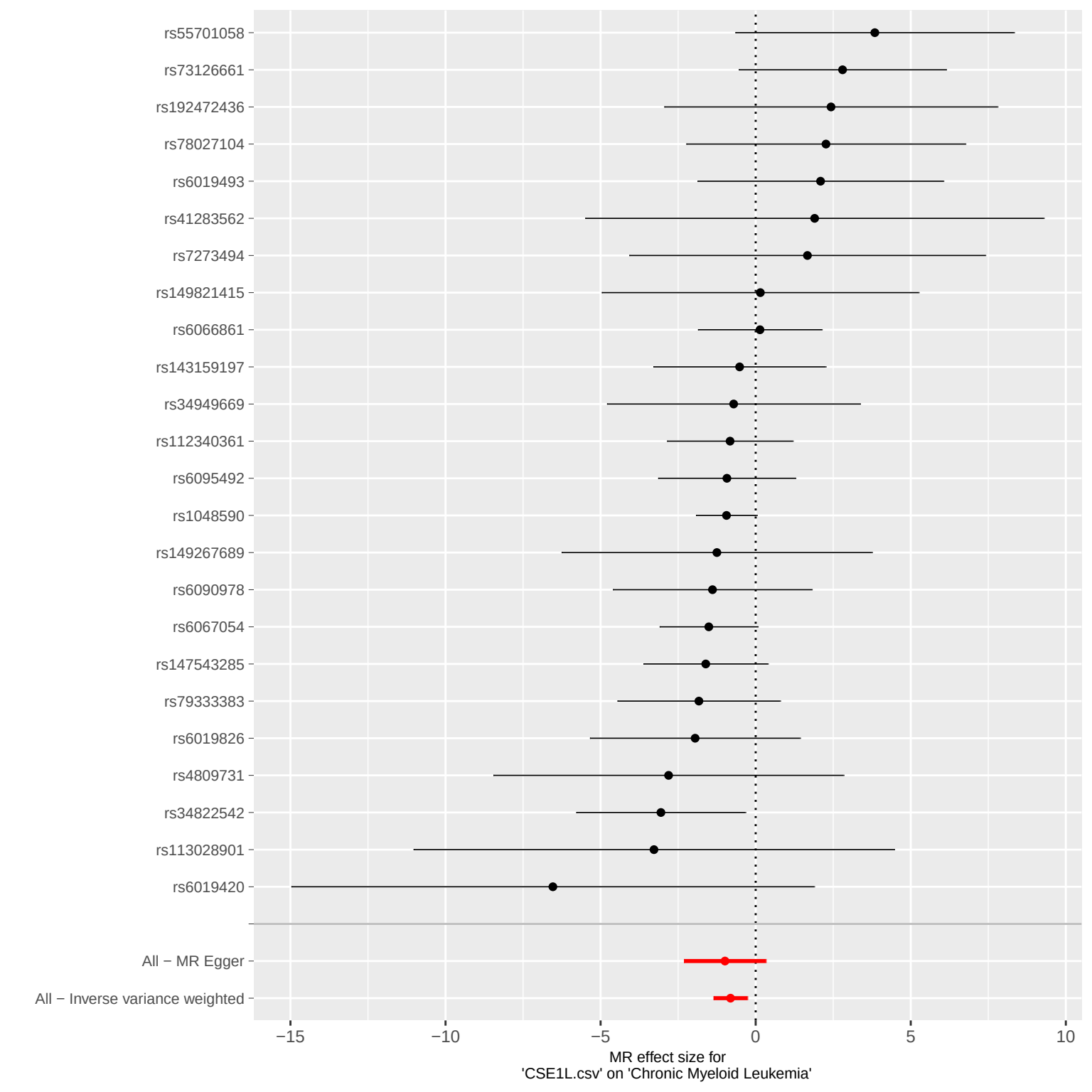
MR effect size for
'CSDA.csv' on 'Chronic Myeloid Leukemia'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rs6019420
All − MR Egger
All − Inverse variance weighted
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5
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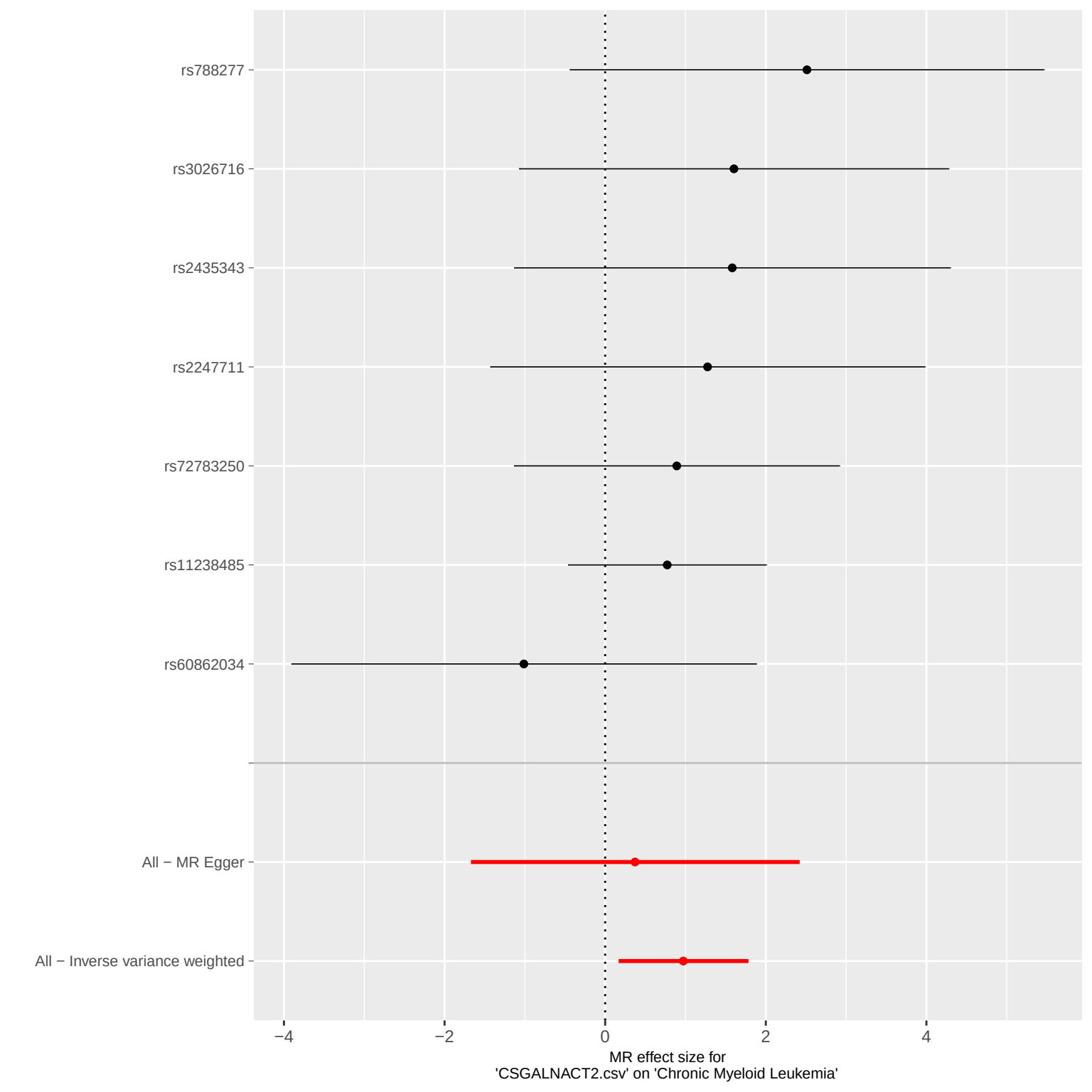
MR effect size for
'CSE1L.csv' on 'Chronic Myeloid Leukemia'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rs2247711
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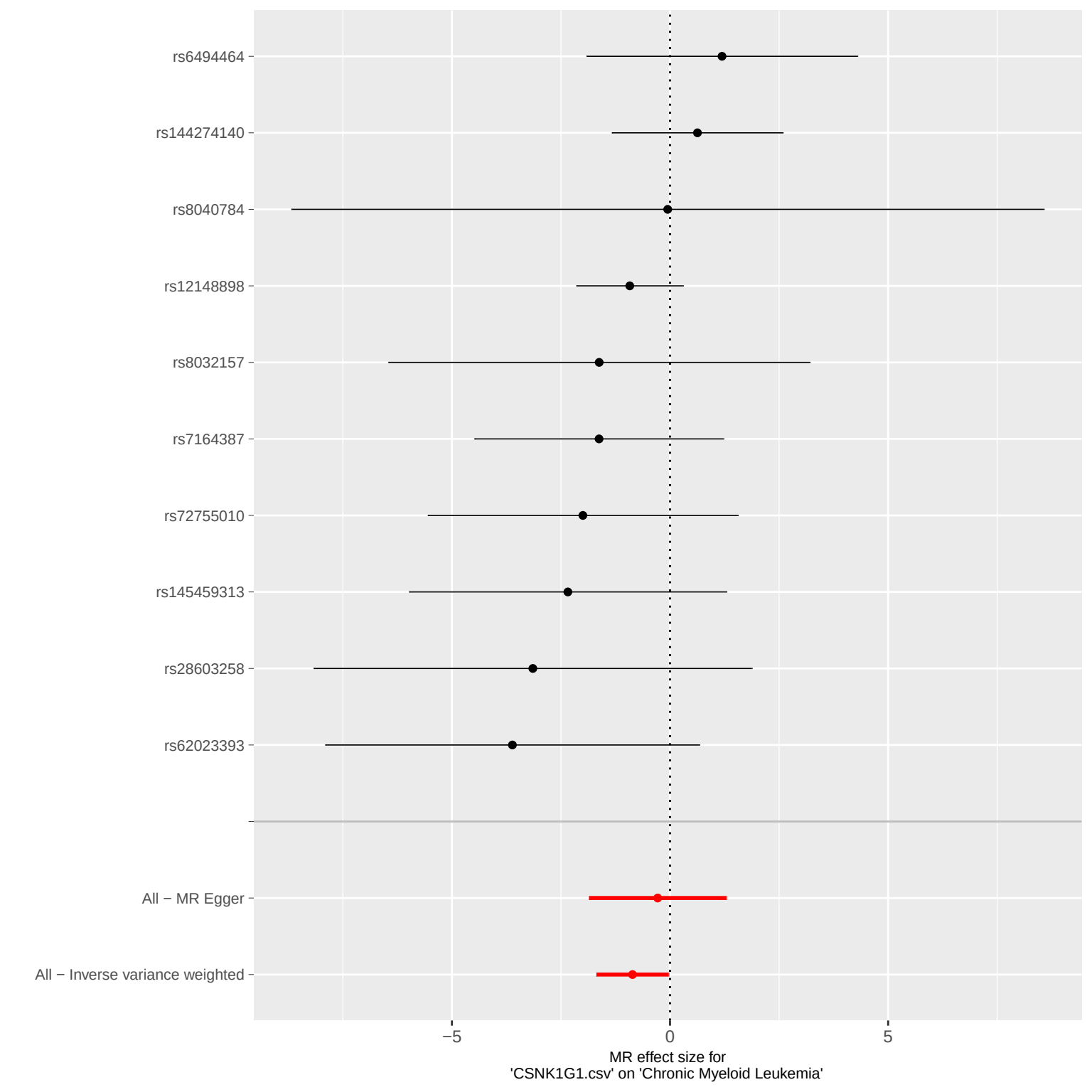
rs60862034
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CSGALNACT2.csv' on 'Chronic Myeloid Leukemia'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rs28603258
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All − MR Egger
All − Inverse variance weighted
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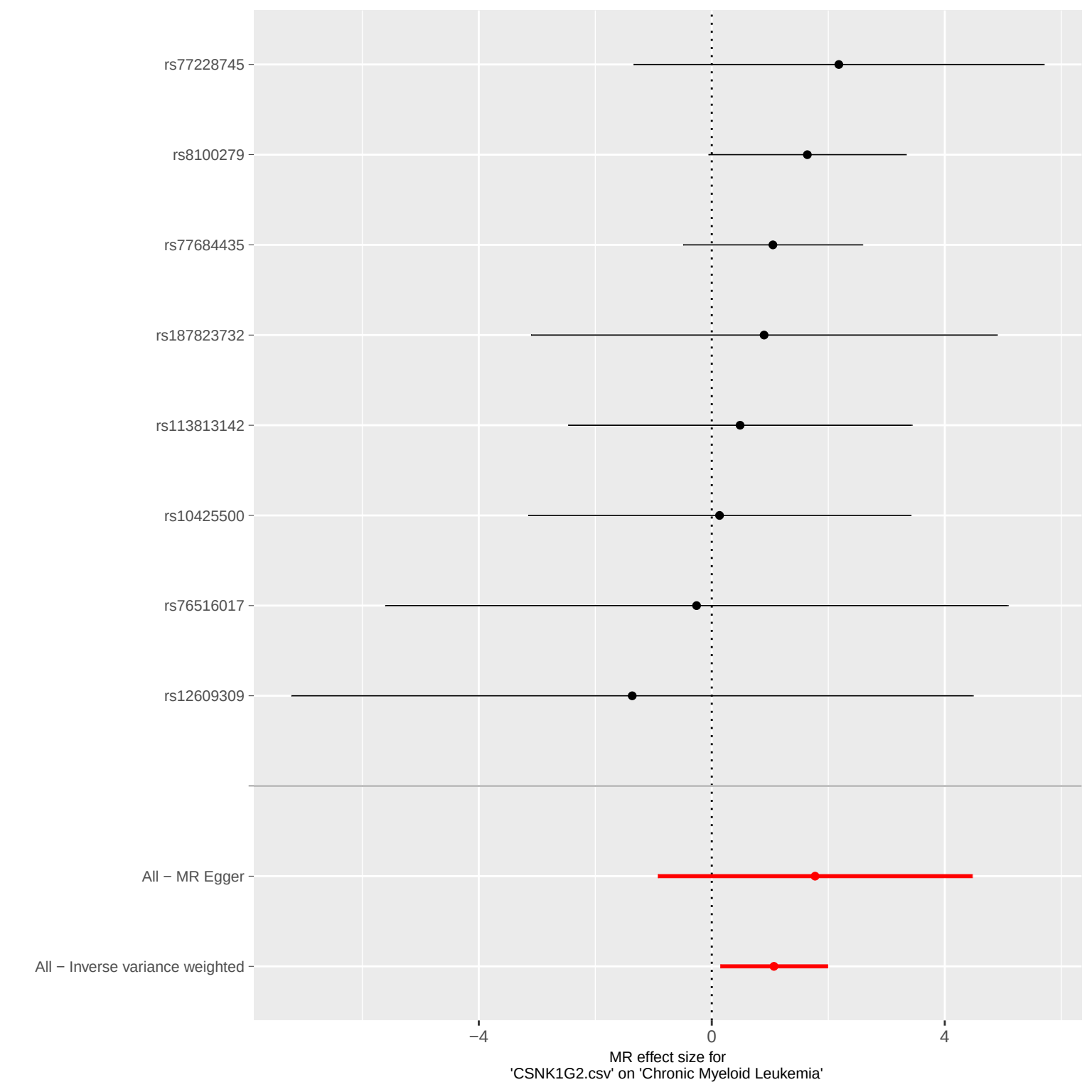
MR effect size for
'CSNK1G1.csv' on 'Chronic Myeloid Leukemia'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rs10425500
rs76516017
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All − MR Egger
All − Inverse variance weighted
−4
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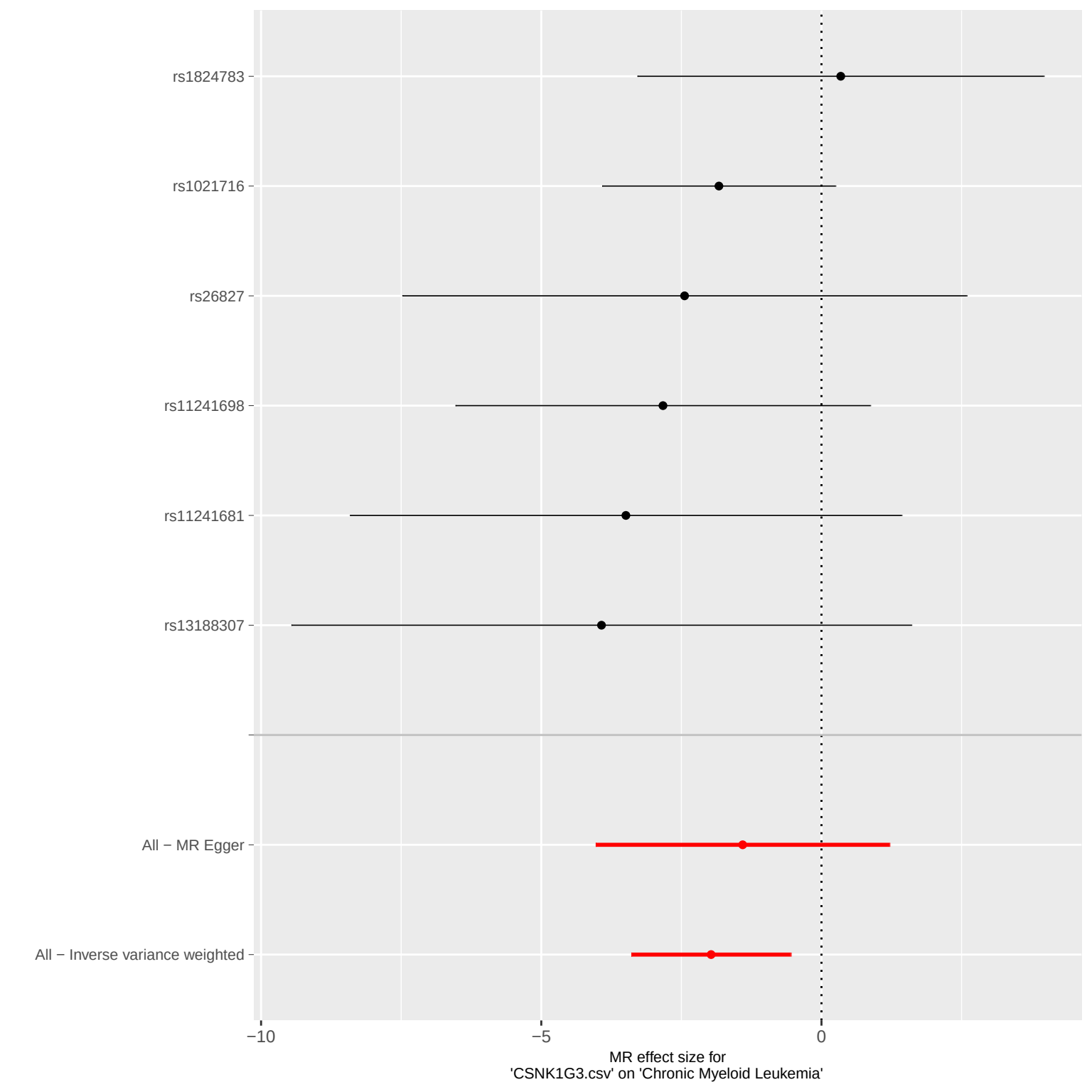
4
MR effect size for
'CSNK1G2.csv' on 'Chronic Myeloid Leukemia'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rs1021716
rs26827
rs11241698
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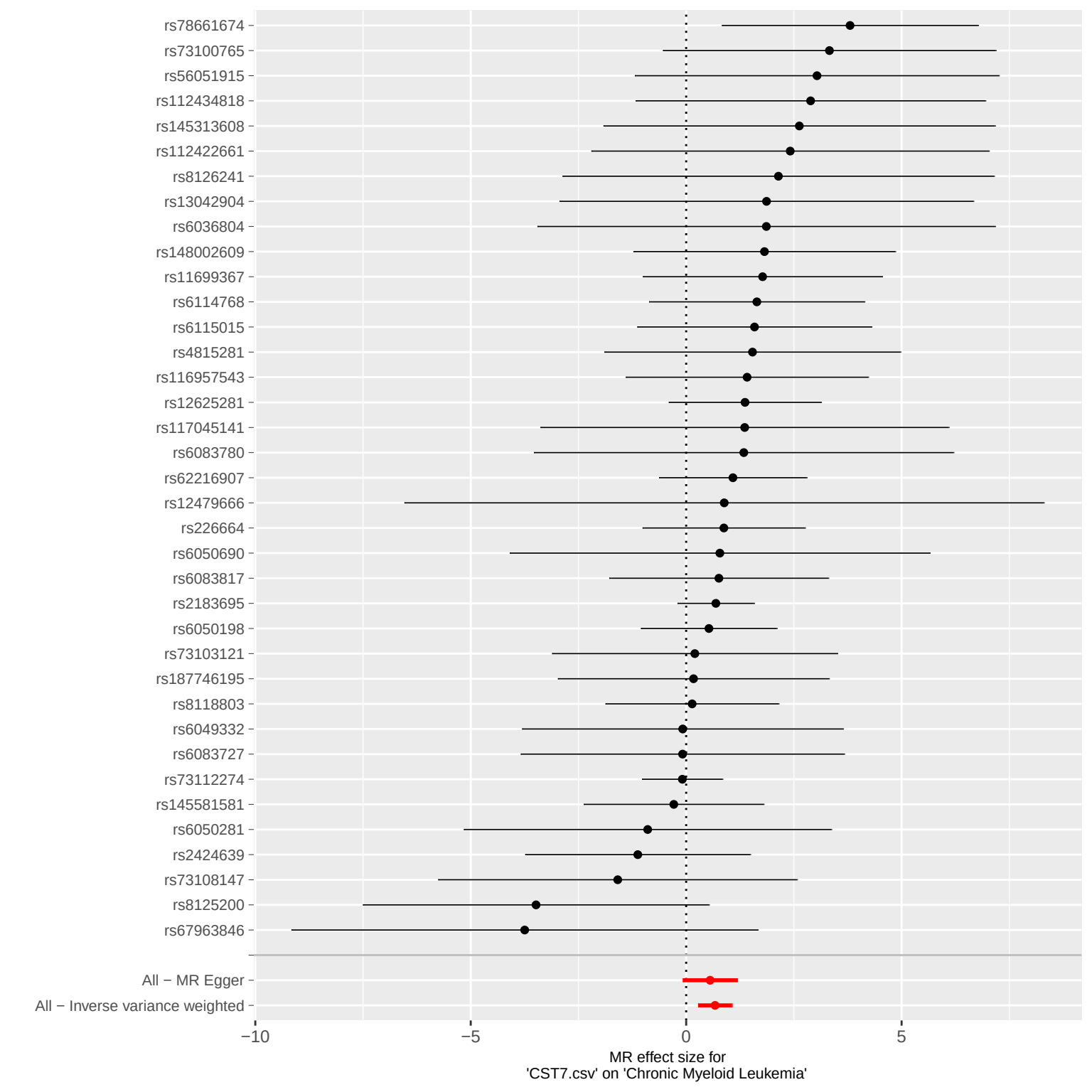
All − MR Egger
All − Inverse variance weighted
−10
−5
0
MR effect size for
'CSNK1G3.csv' on 'Chronic Myeloid Leukemia'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rs8125200
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All − MR Egger
All − Inverse variance weighted
−10
−5
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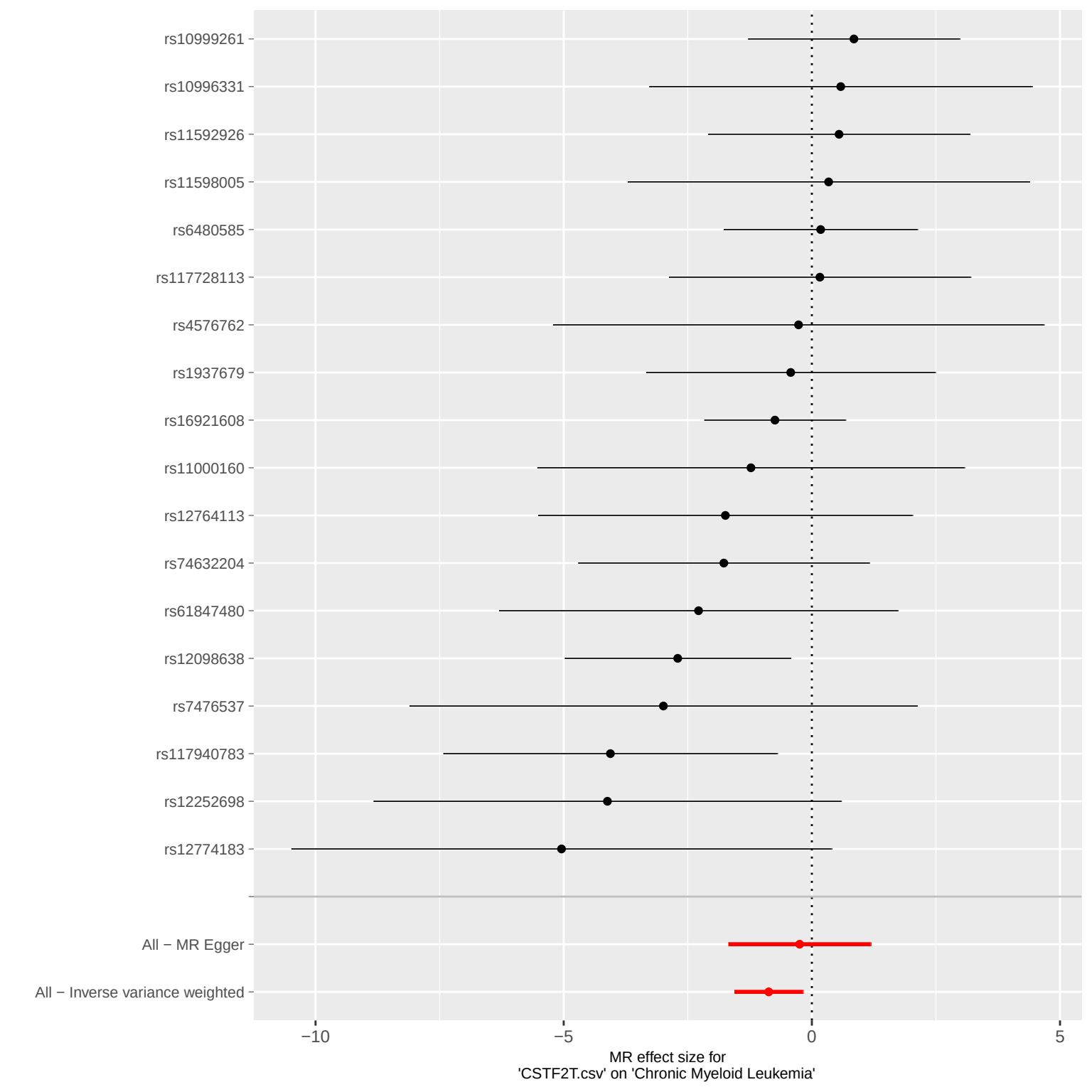
MR effect size for
'CST7.csv' on 'Chronic Myeloid Leukemia'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rs7476537
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rs12252698
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All − MR Egger
All − Inverse variance weighted
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−5
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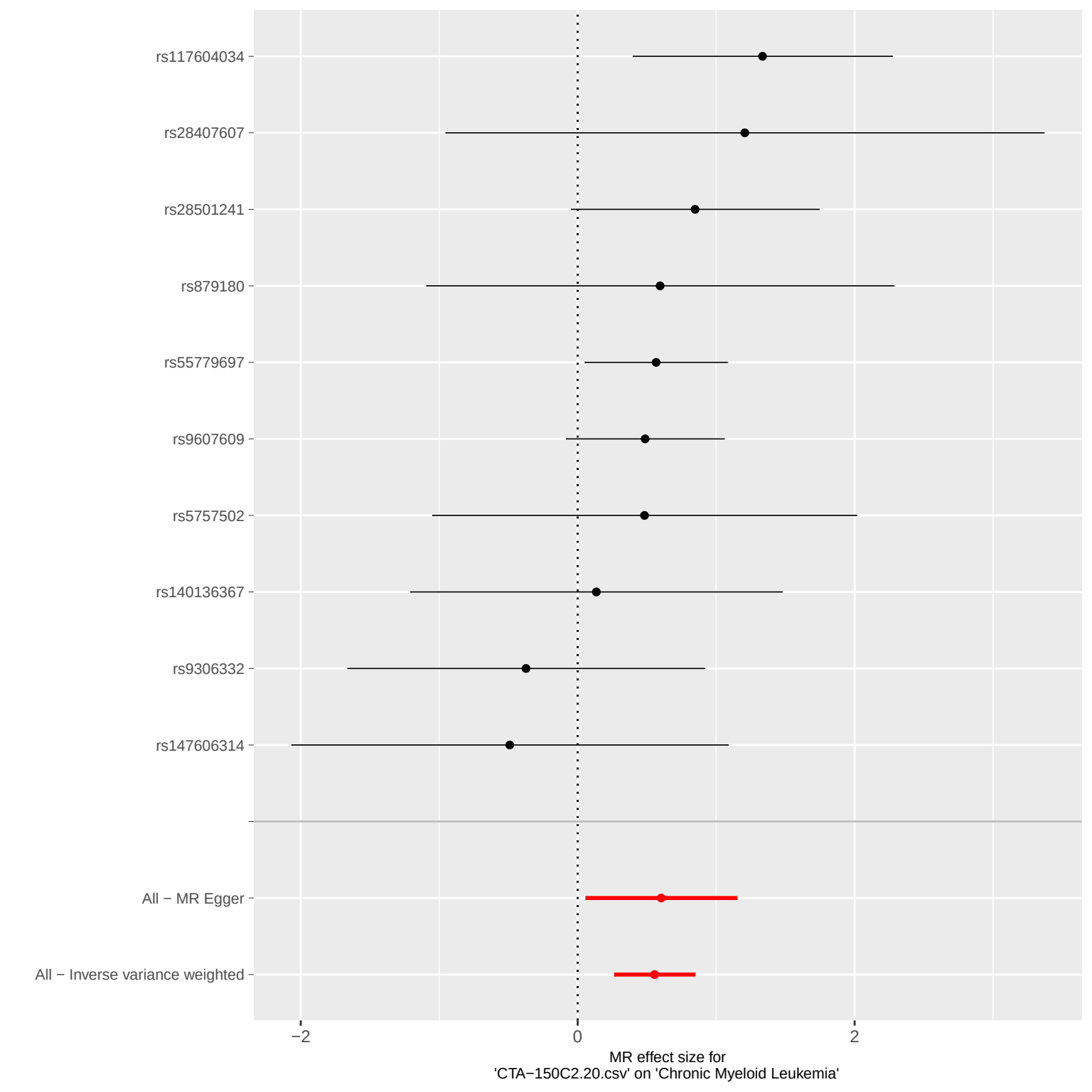
MR effect size for
'CSTF2T.csv' on 'Chronic Myeloid Leukemia'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rs5757502
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rs9306332
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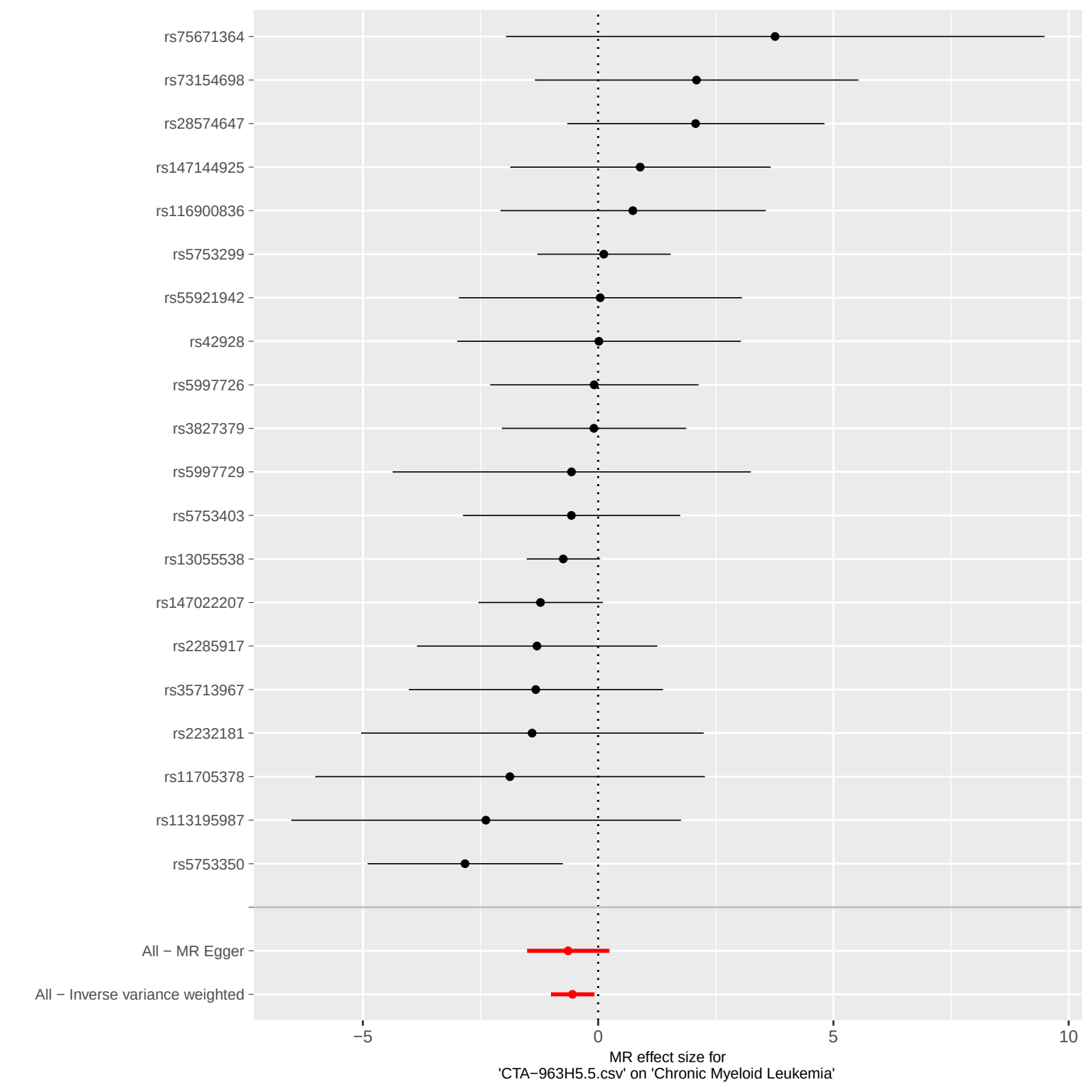
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CTA−150C2.20.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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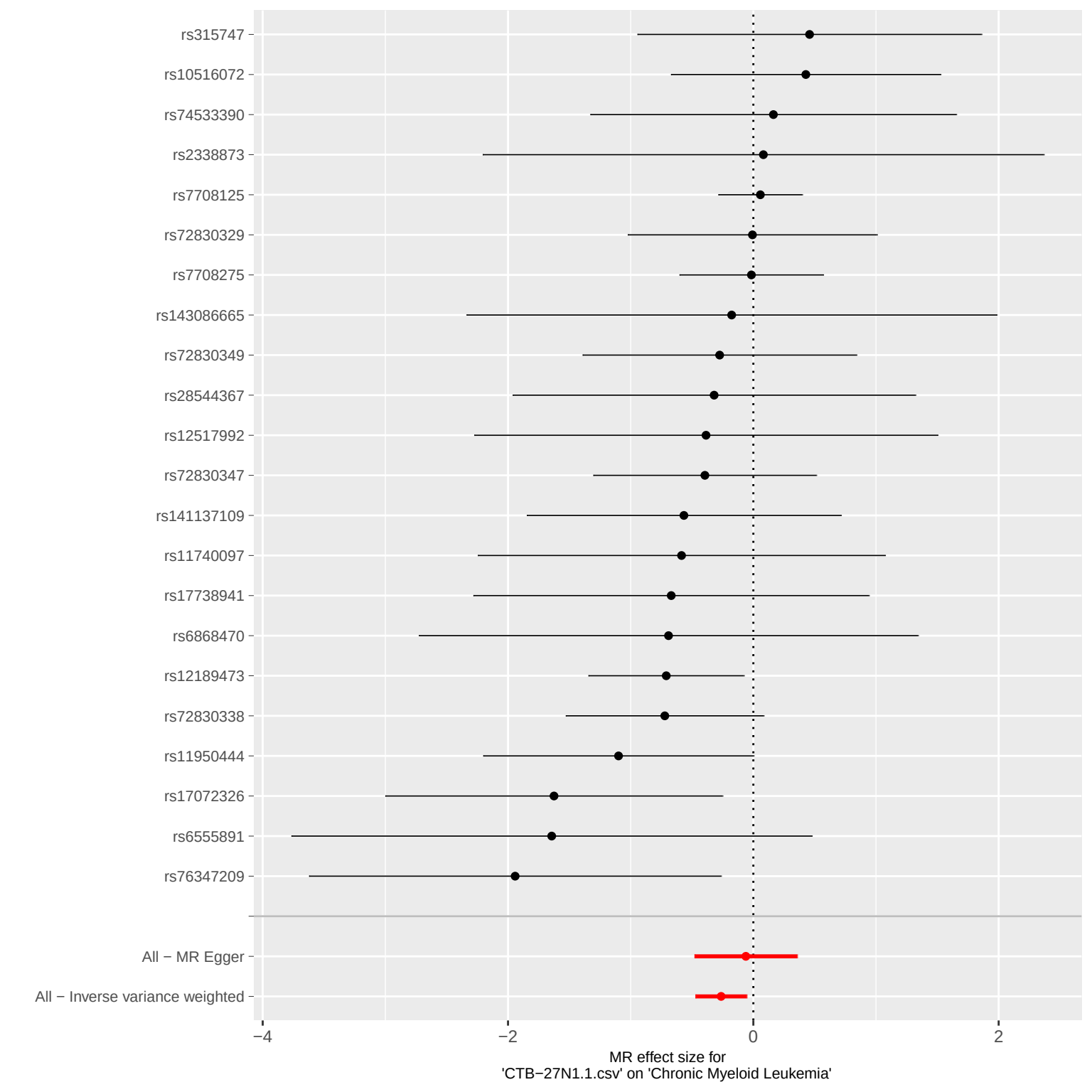
5
10
MR effect size for
'CTA−963H5.5.csv' on 'Chronic Myeloid Leukemia'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rs11950444
rs17072326
rs6555891
rs76347209
All − MR Egger
All − Inverse variance weighted
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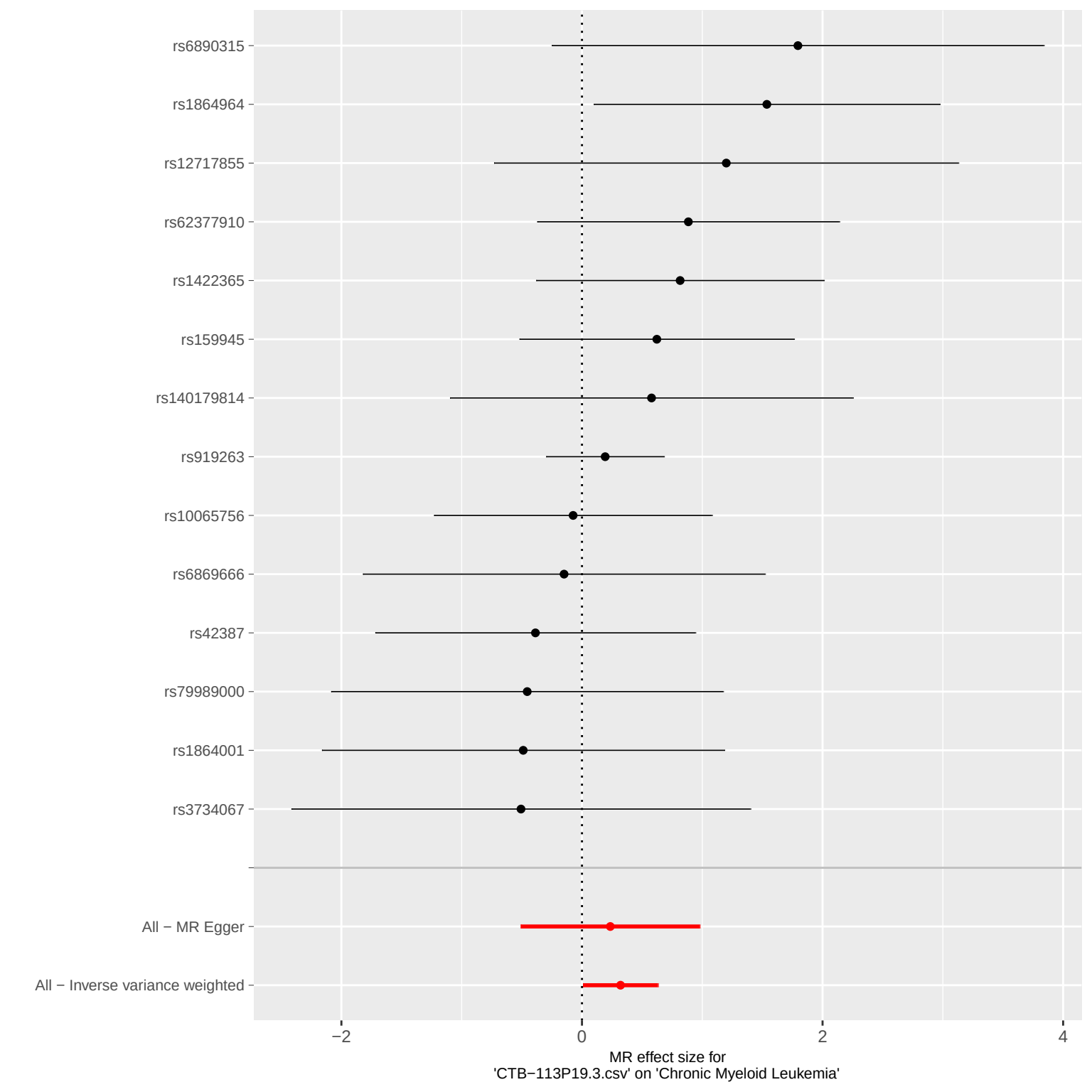
−2
0
2
MR effect size for
'CTB−27N1.1.csv' on 'Chronic Myeloid Leukemia'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rs79989000
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rs3734067
All − MR Egger
All − Inverse variance weighted
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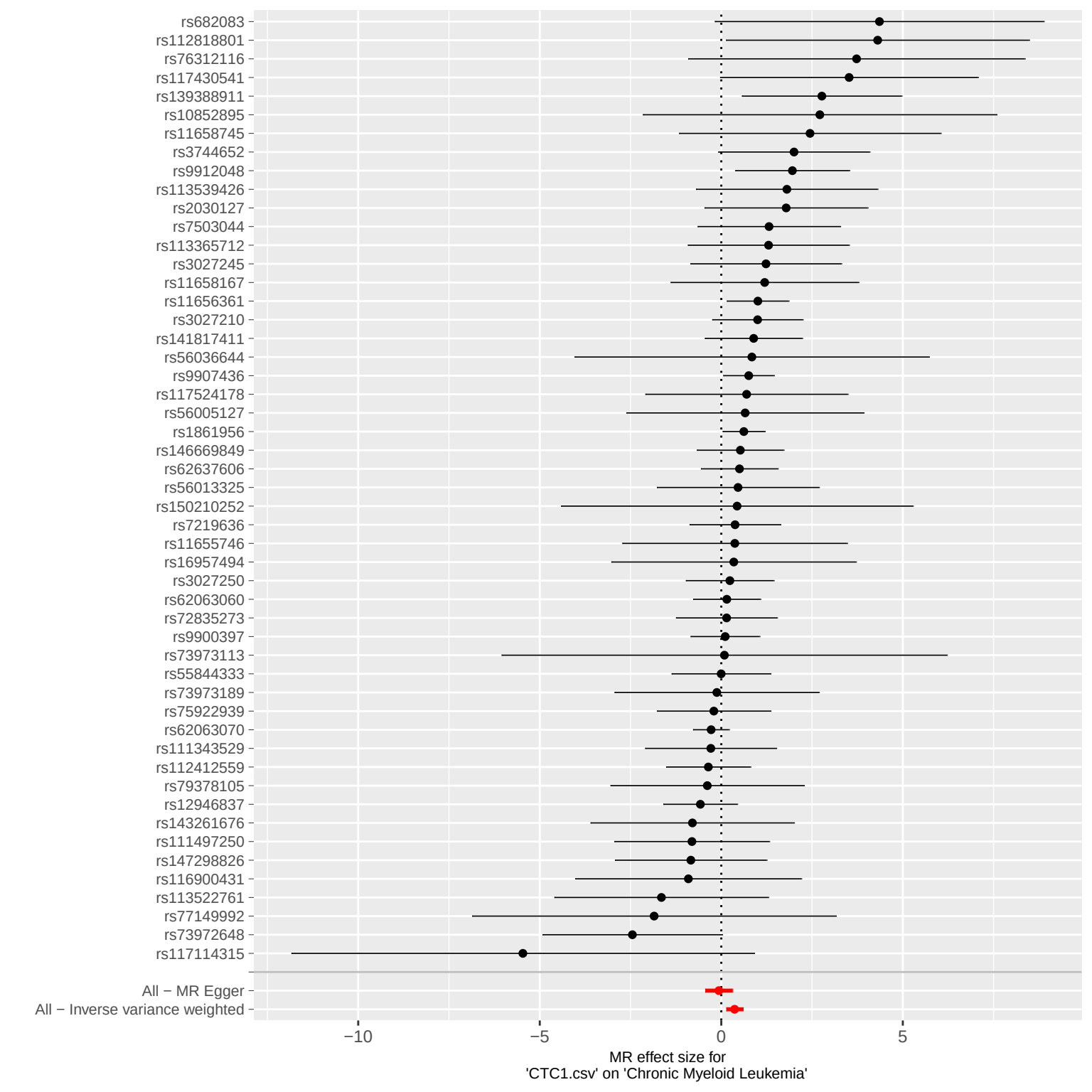
2
4
MR effect size for
'CTB−113P19.3.csv' on 'Chronic Myeloid Leukemia'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rs12946837
rs143261676
rs111497250
rs147298826
rs116900431
rs113522761
rs77149992
rs73972648
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All − MR Egger
All − Inverse variance weighted
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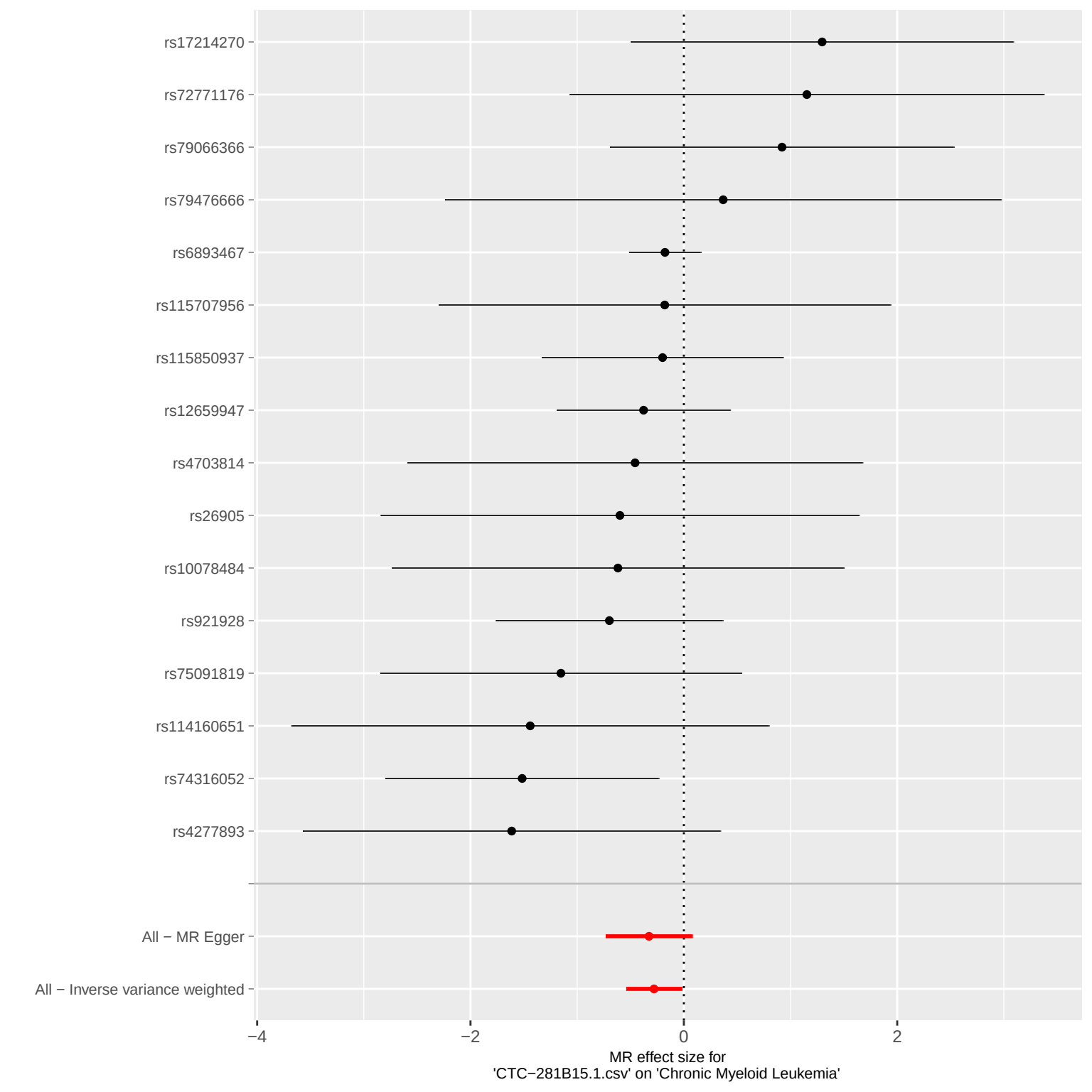
−5
0
5
MR effect size for
'CTC1.csv' on 'Chronic Myeloid Leukemia'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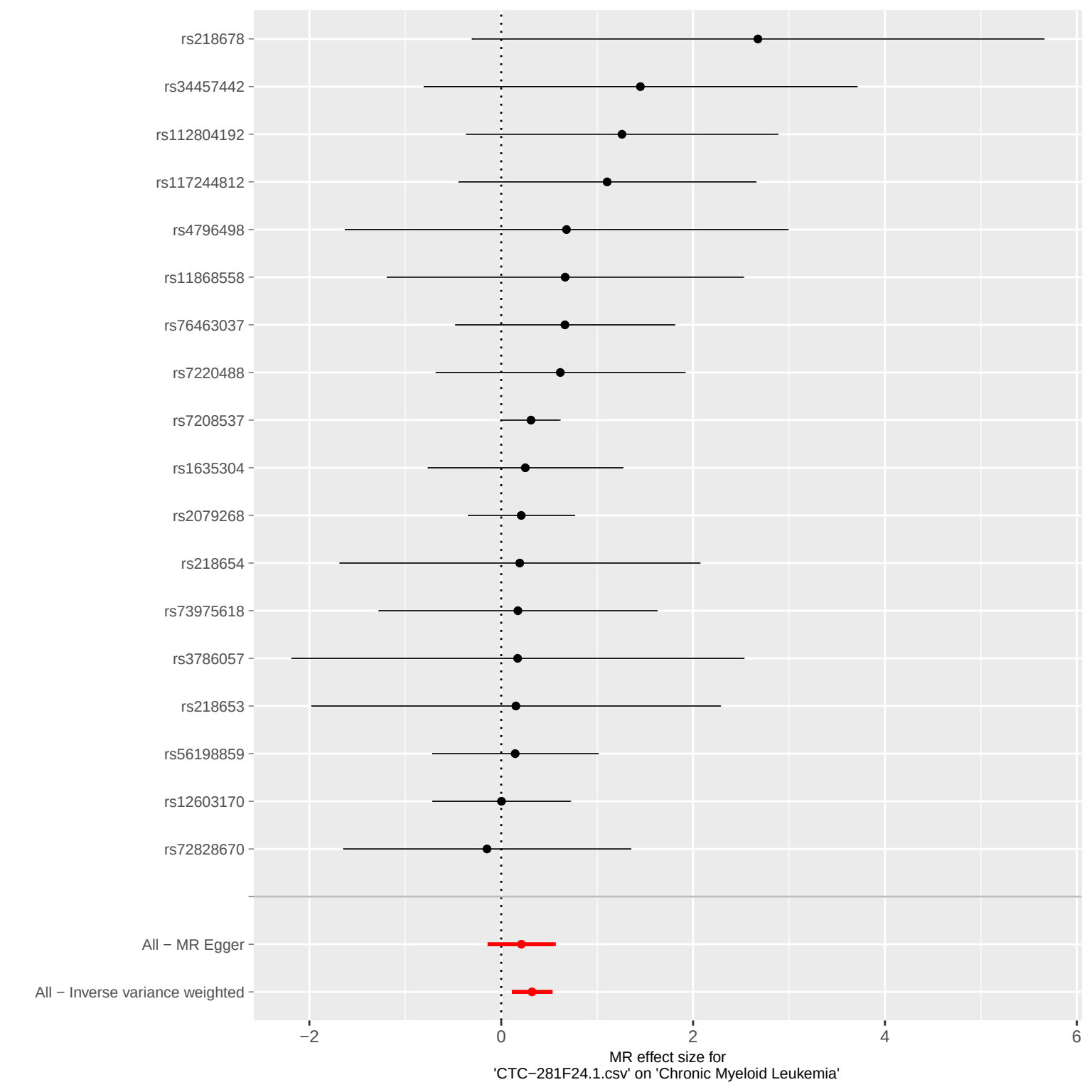
rs921928
rs75091819
rs114160651
rs74316052
rs4277893
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CTC−281B15.1.csv' on 'Chronic Myeloid Leukemia'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rs56198859
rs12603170
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All − MR Egger
All − Inverse variance weighted
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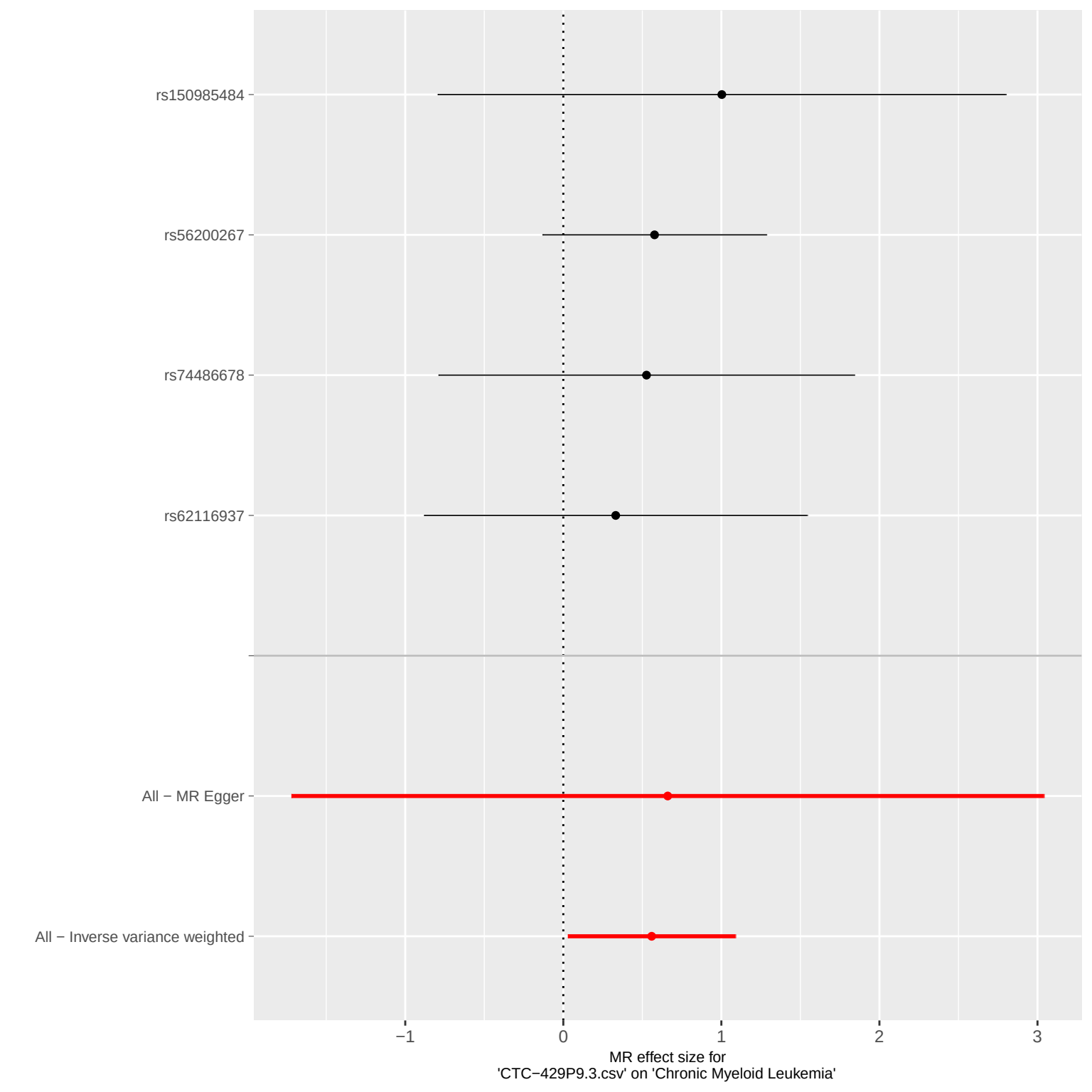
MR effect size for
'CTC−281F24.1.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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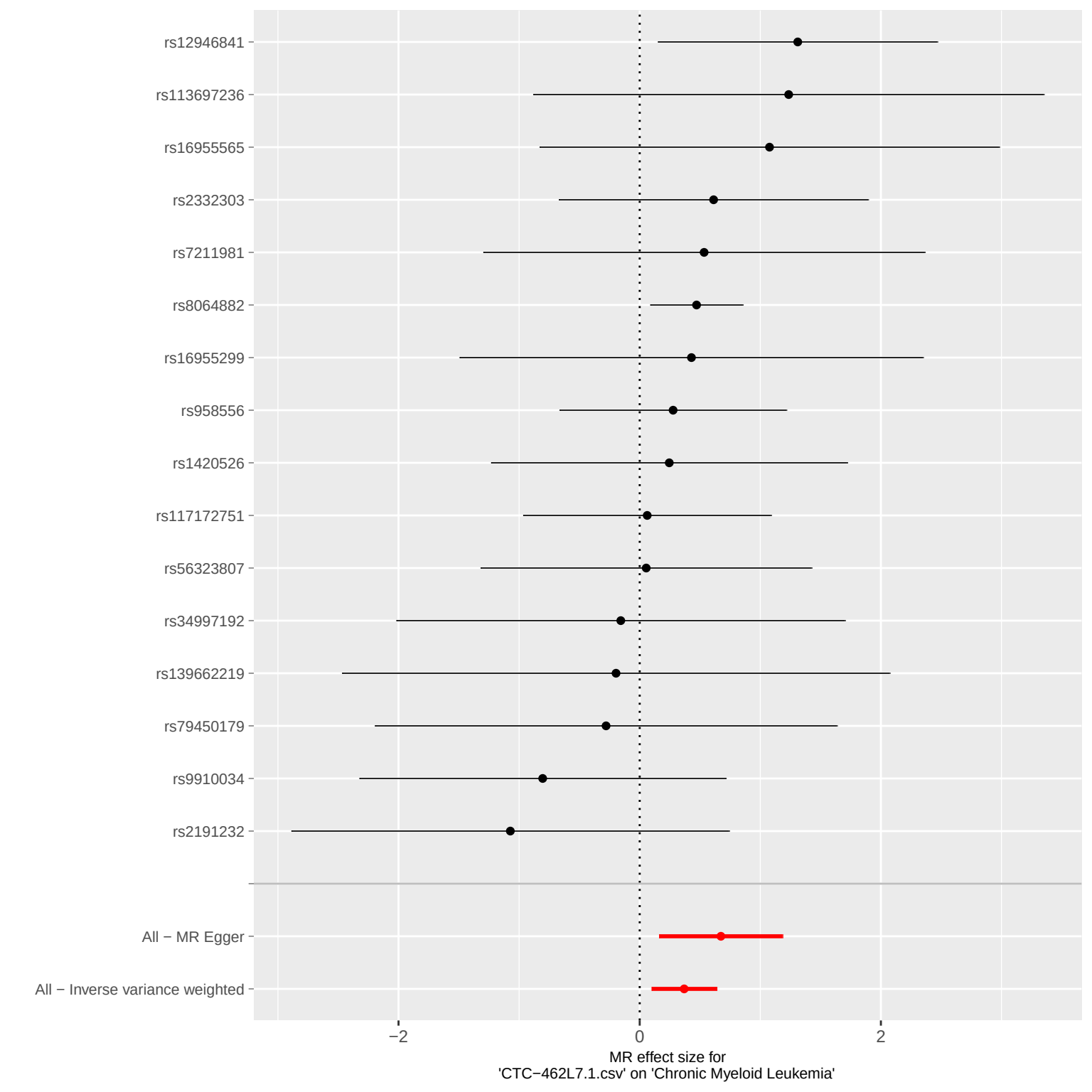
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rs139662219
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rs9910034
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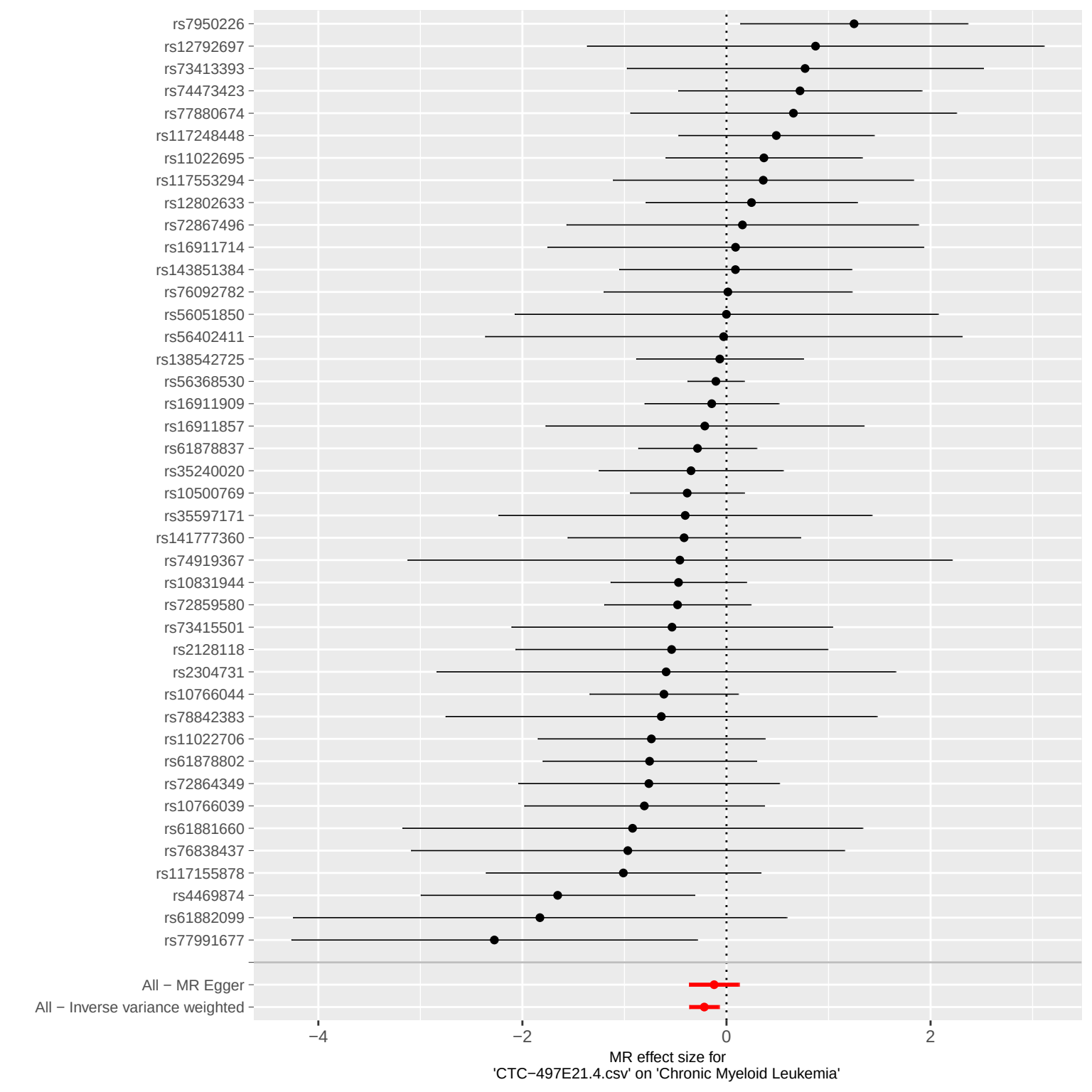
MR effect size for
'CTC−462L7.1.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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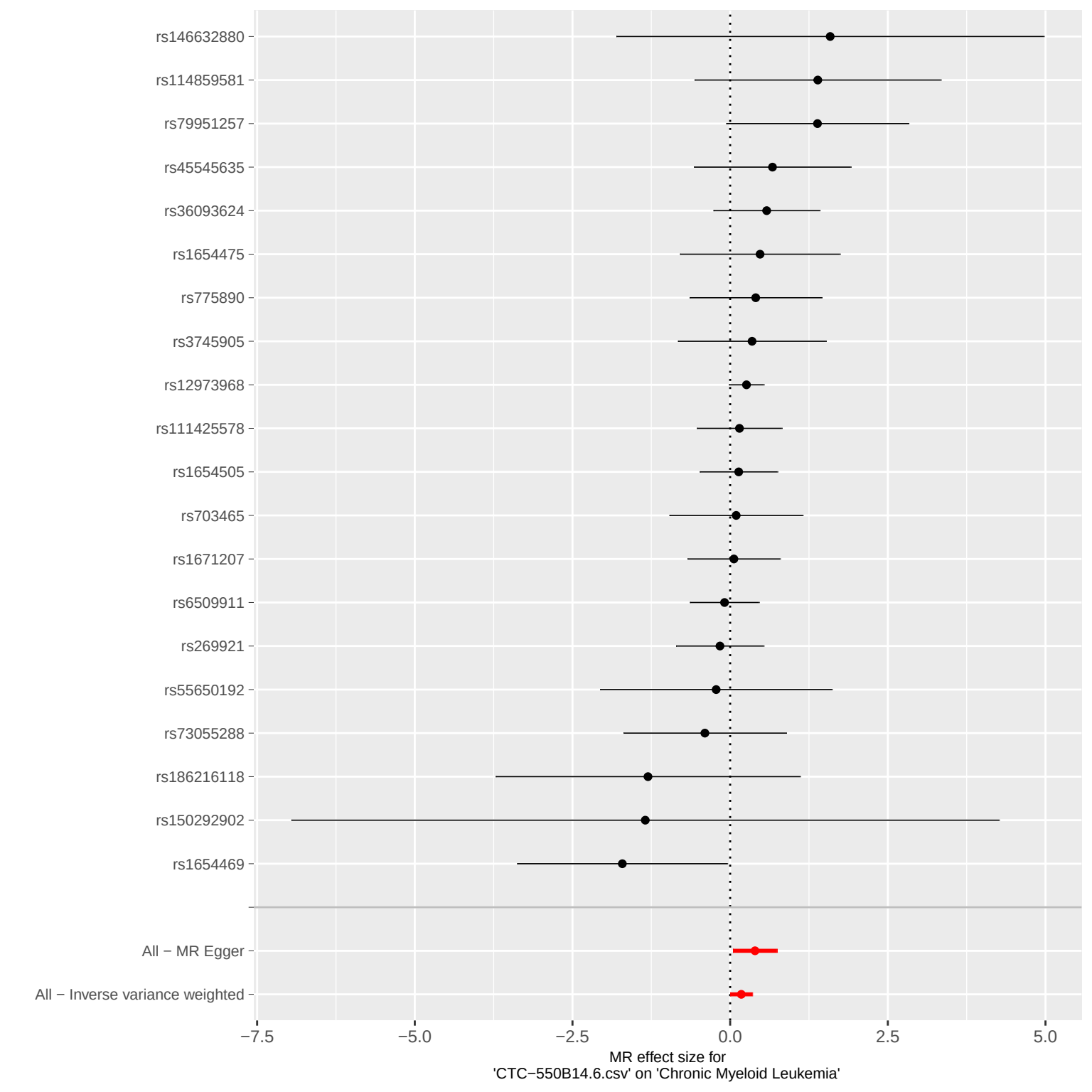
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All − MR Egger
All − Inverse variance weighted
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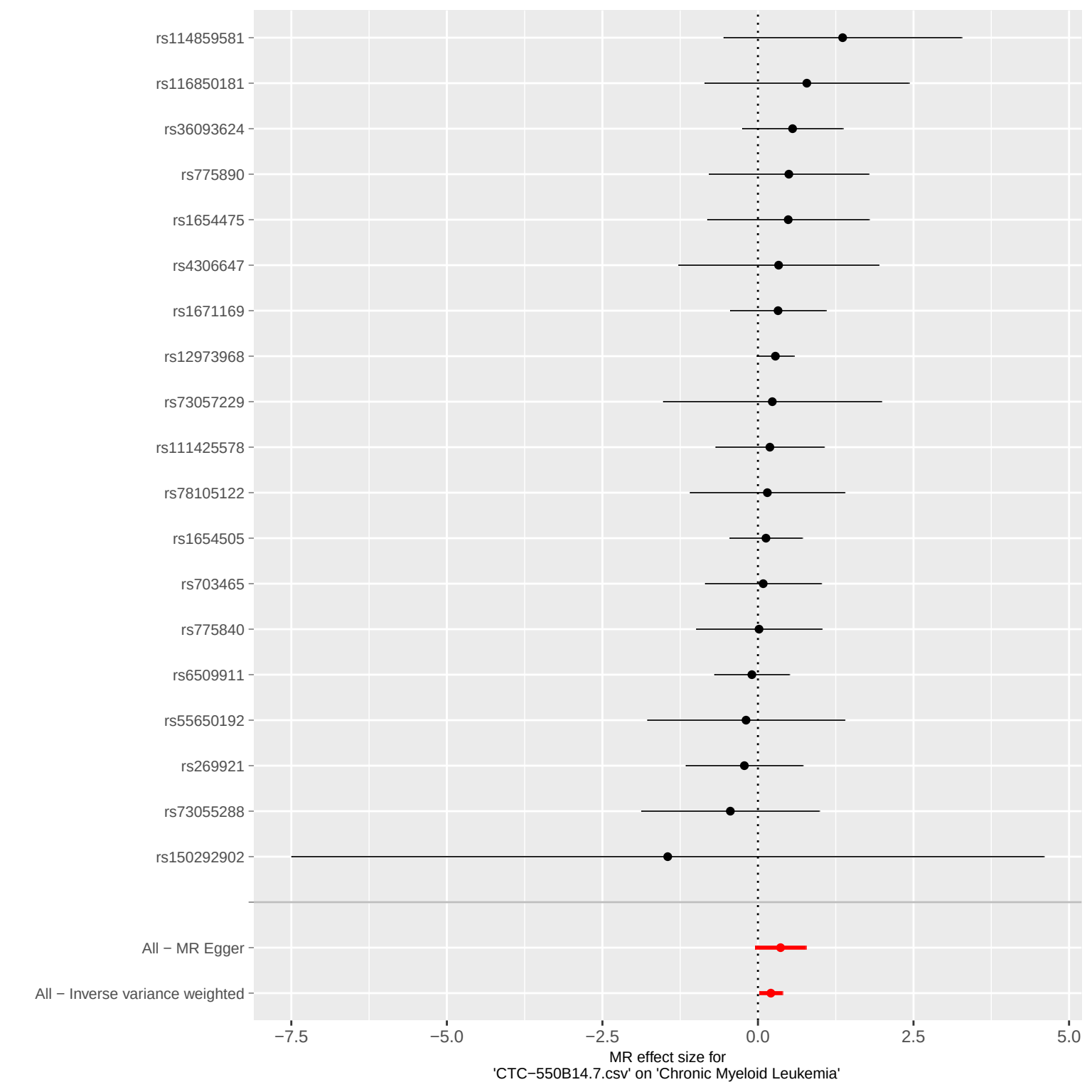
5.0
MR effect size for
'CTC−550B14.6.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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5.0
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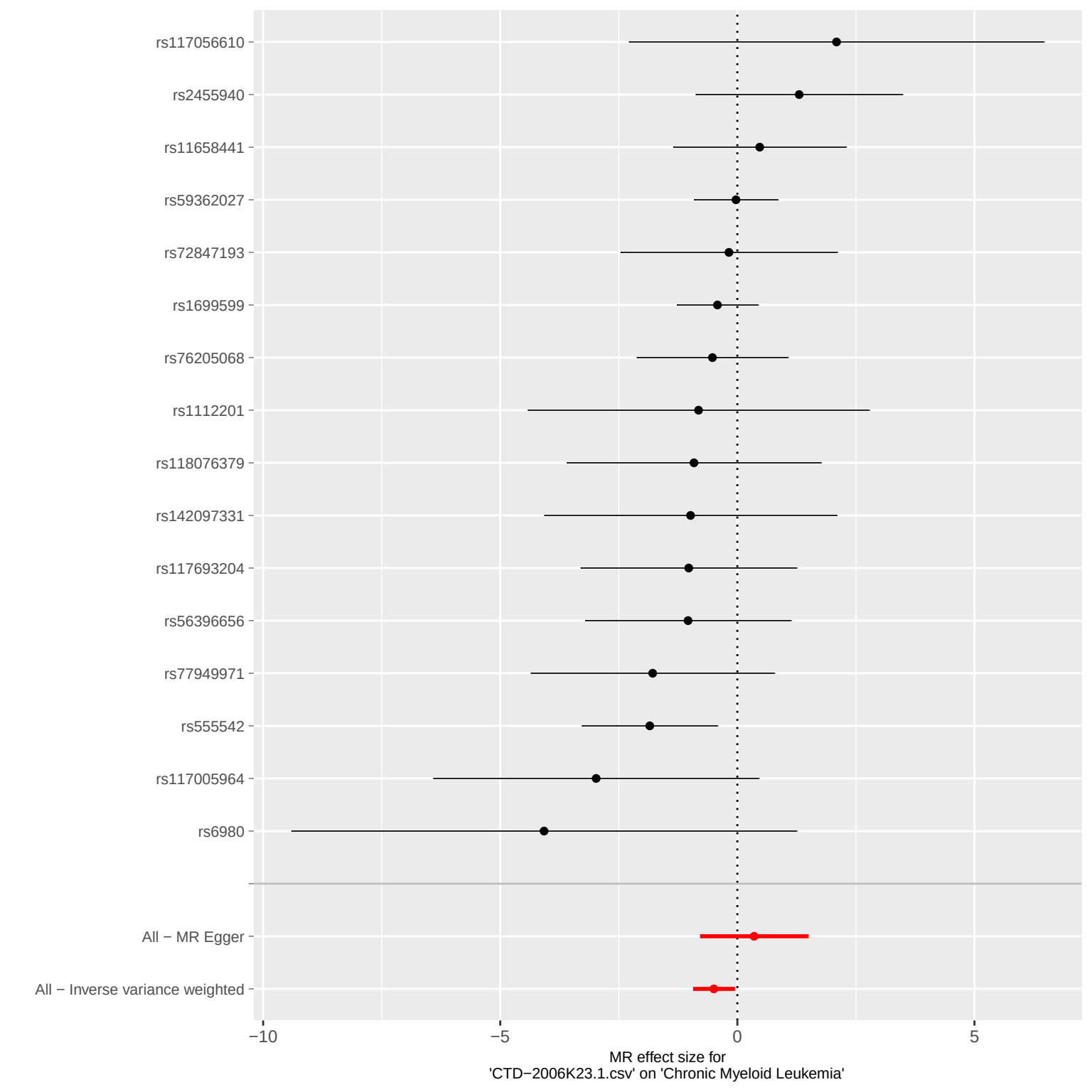
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rs77949971
rs555542
rs117005964
rs6980
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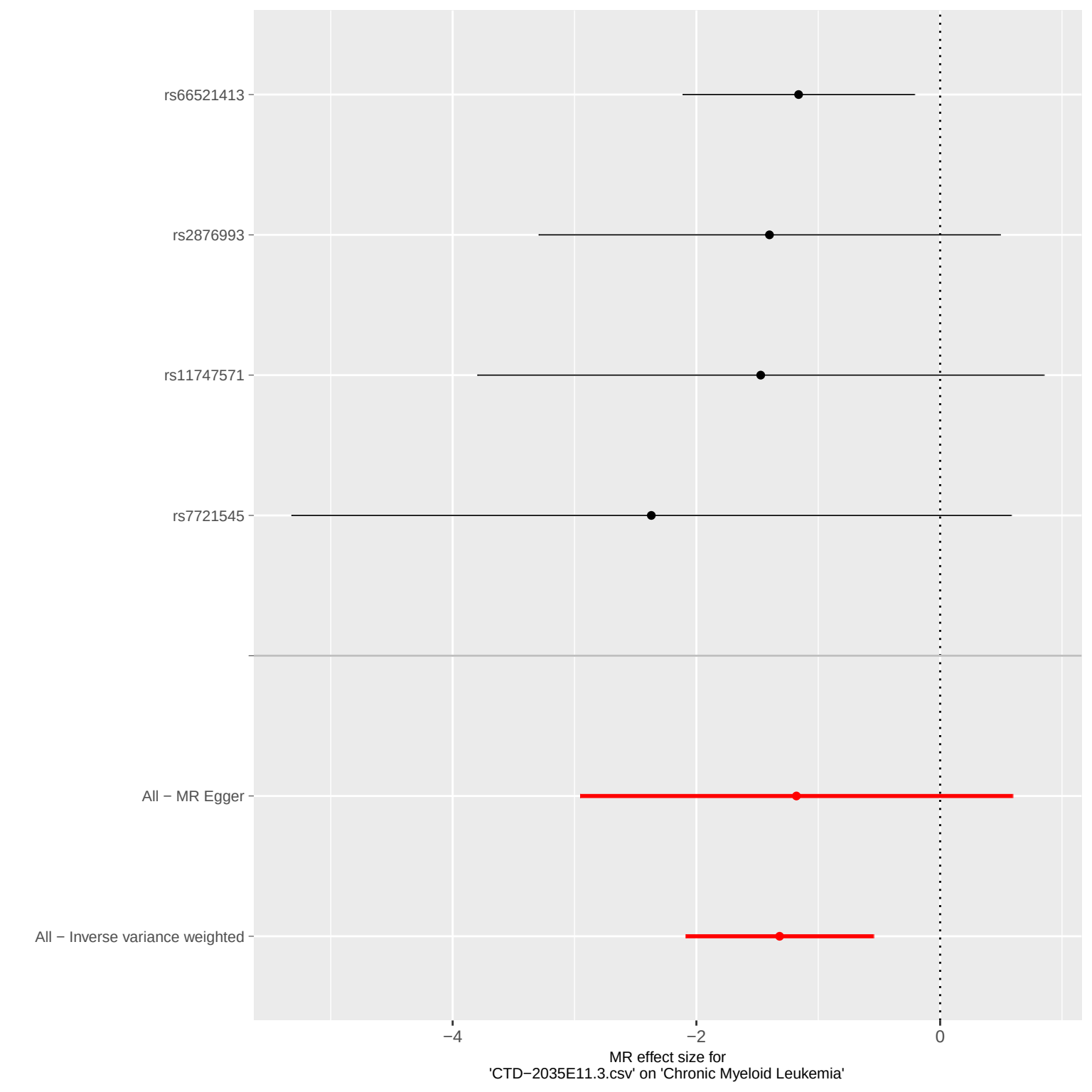
MR effect size for
'CTD−2006K23.1.csv' on 'Chronic Myeloid Leukemia'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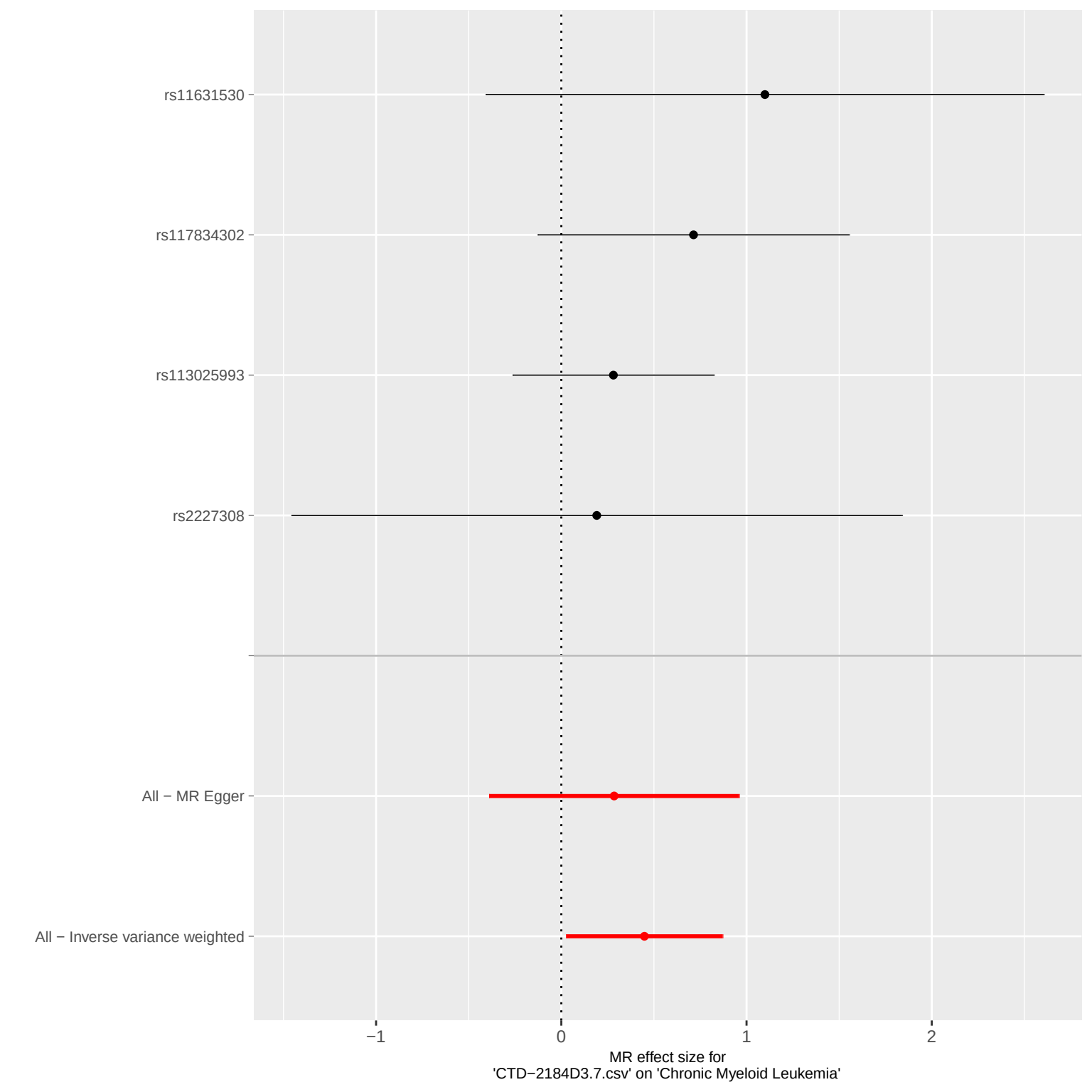
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MR effect size for
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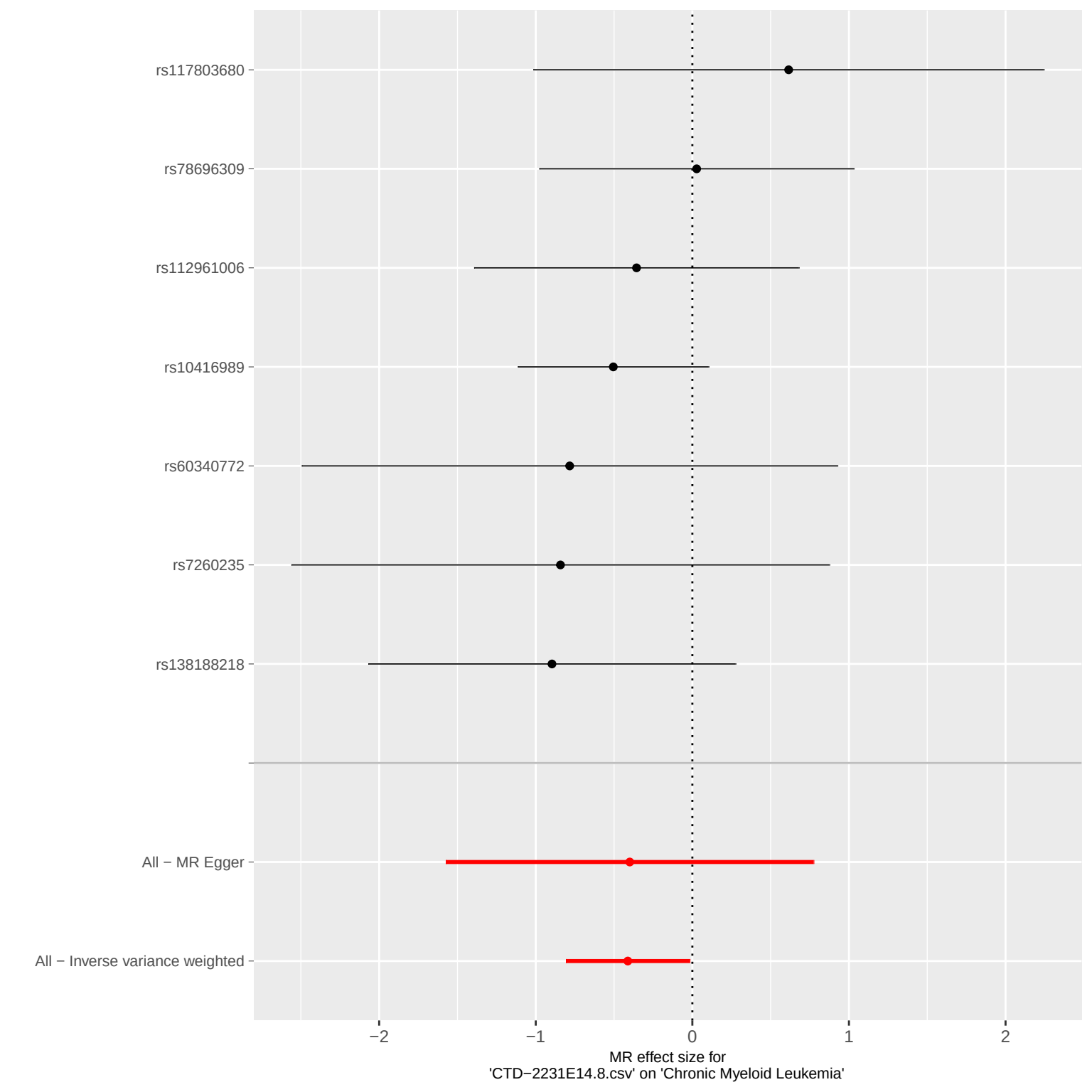
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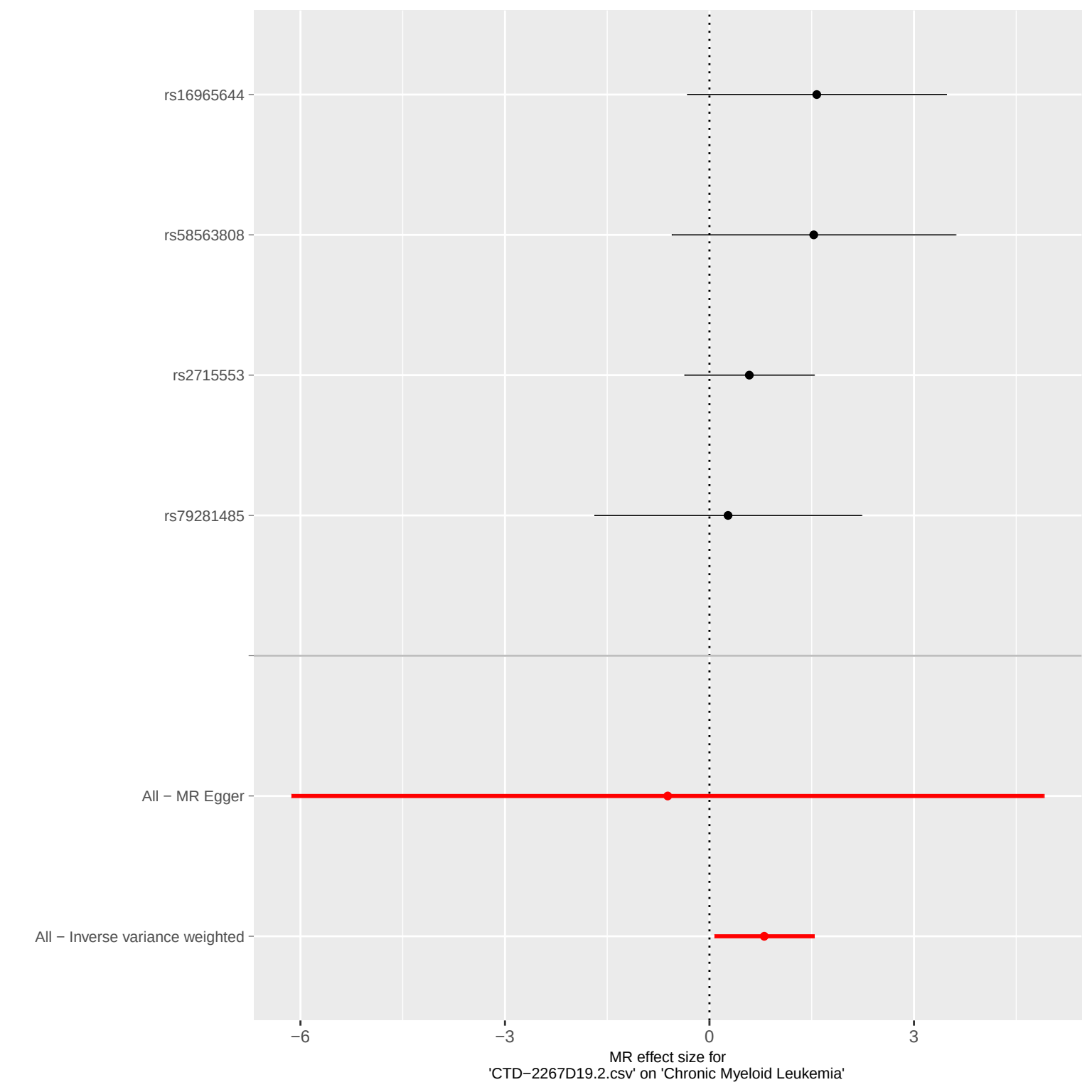
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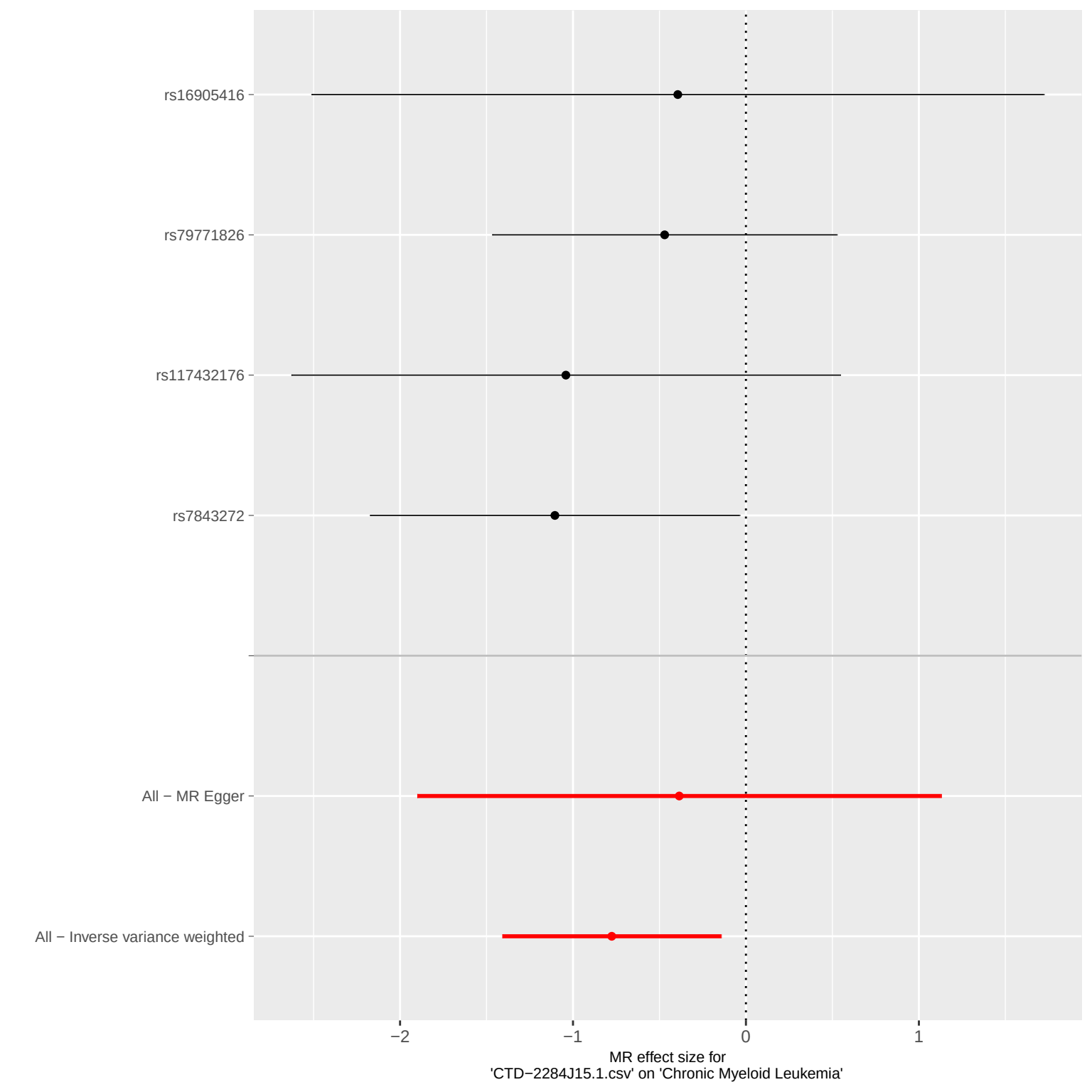
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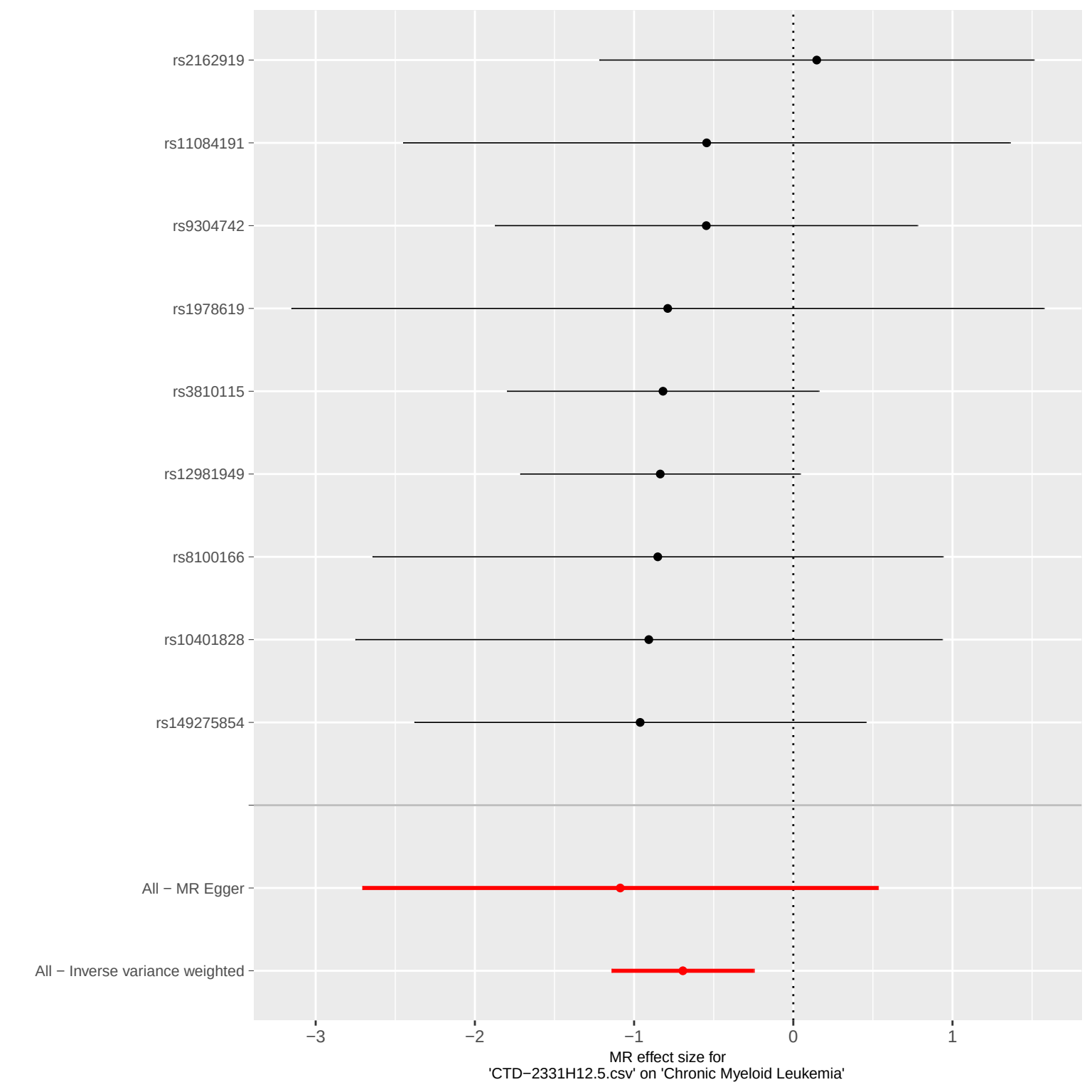
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All − MR Egger
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MR effect size for
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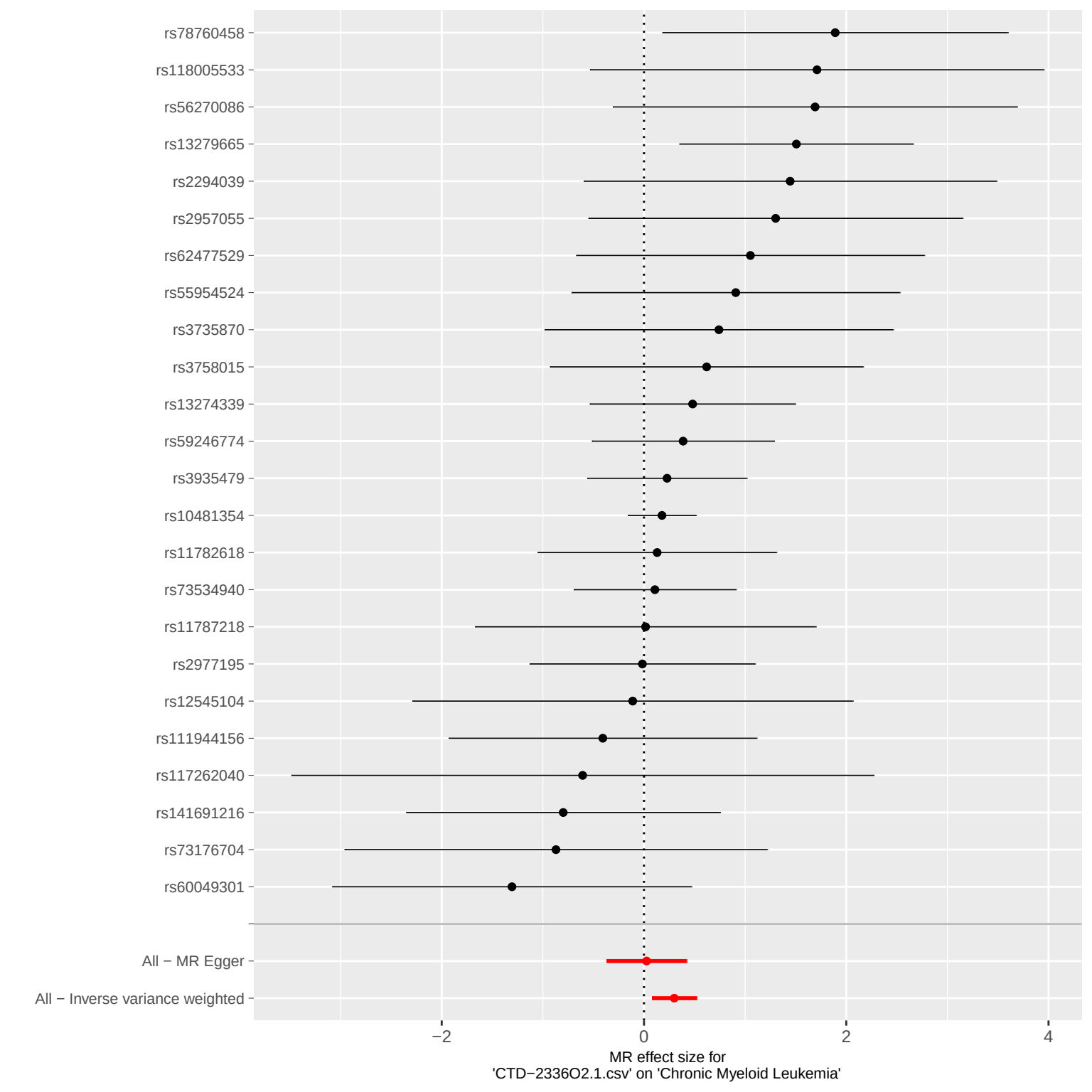
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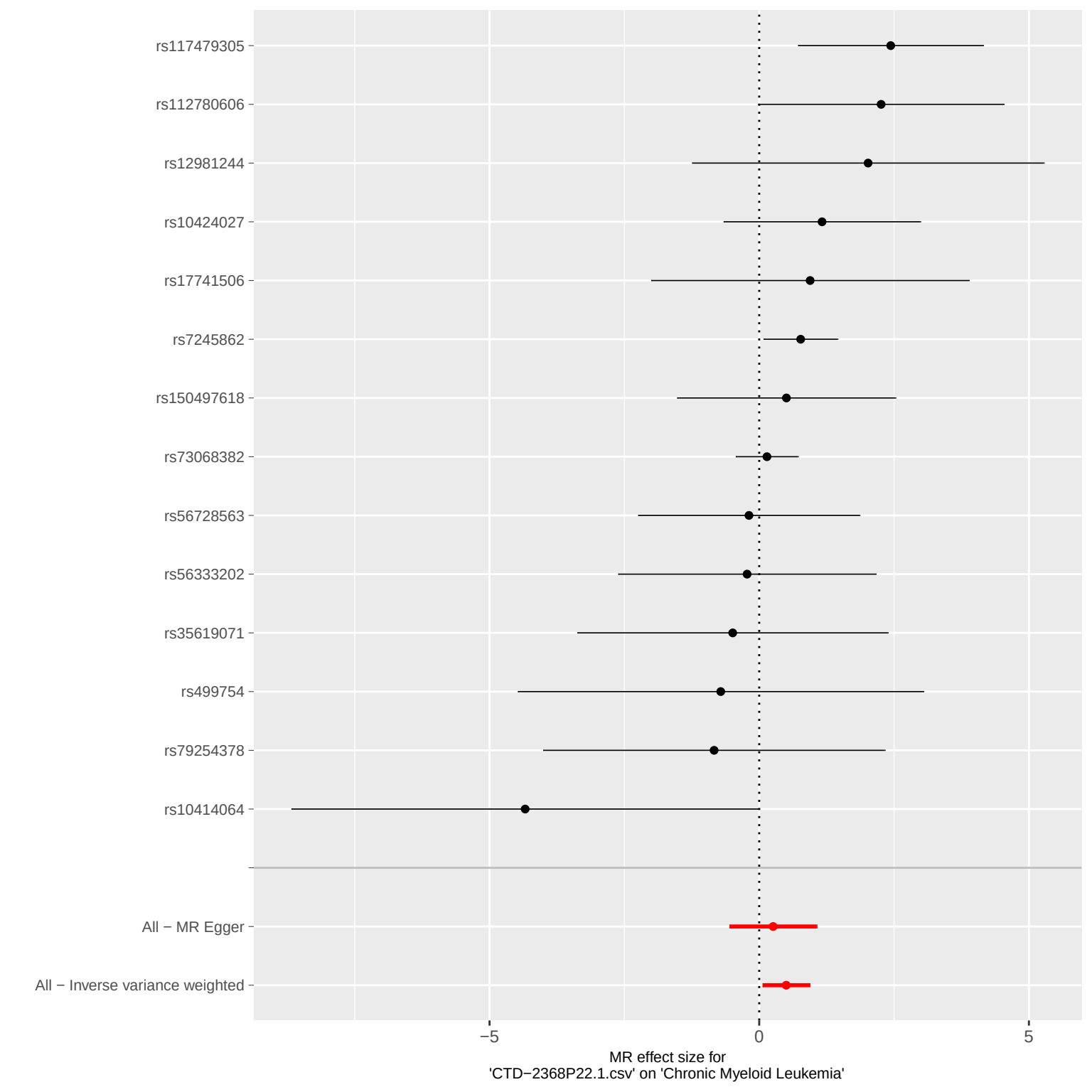
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MR effect size for
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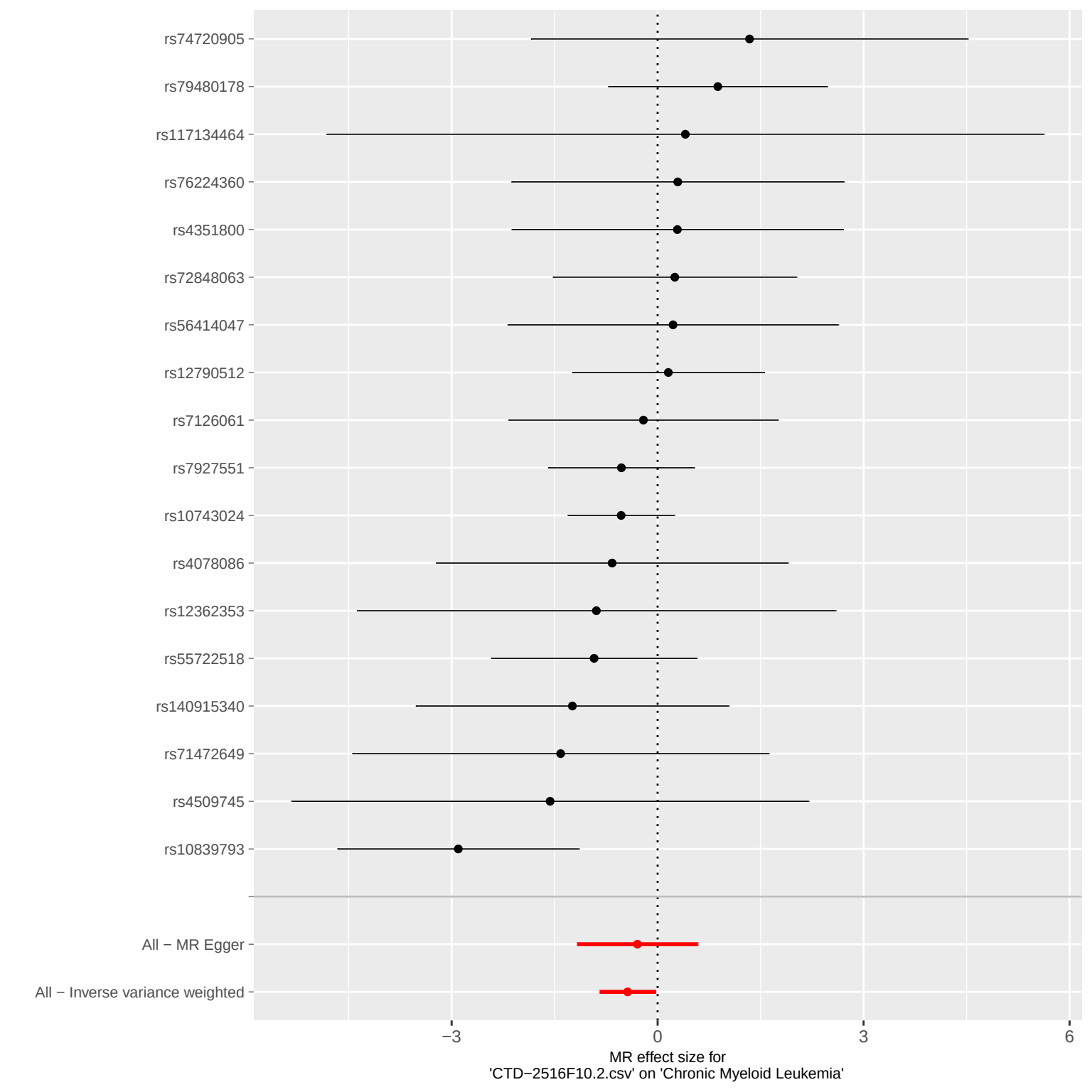
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MR effect size for
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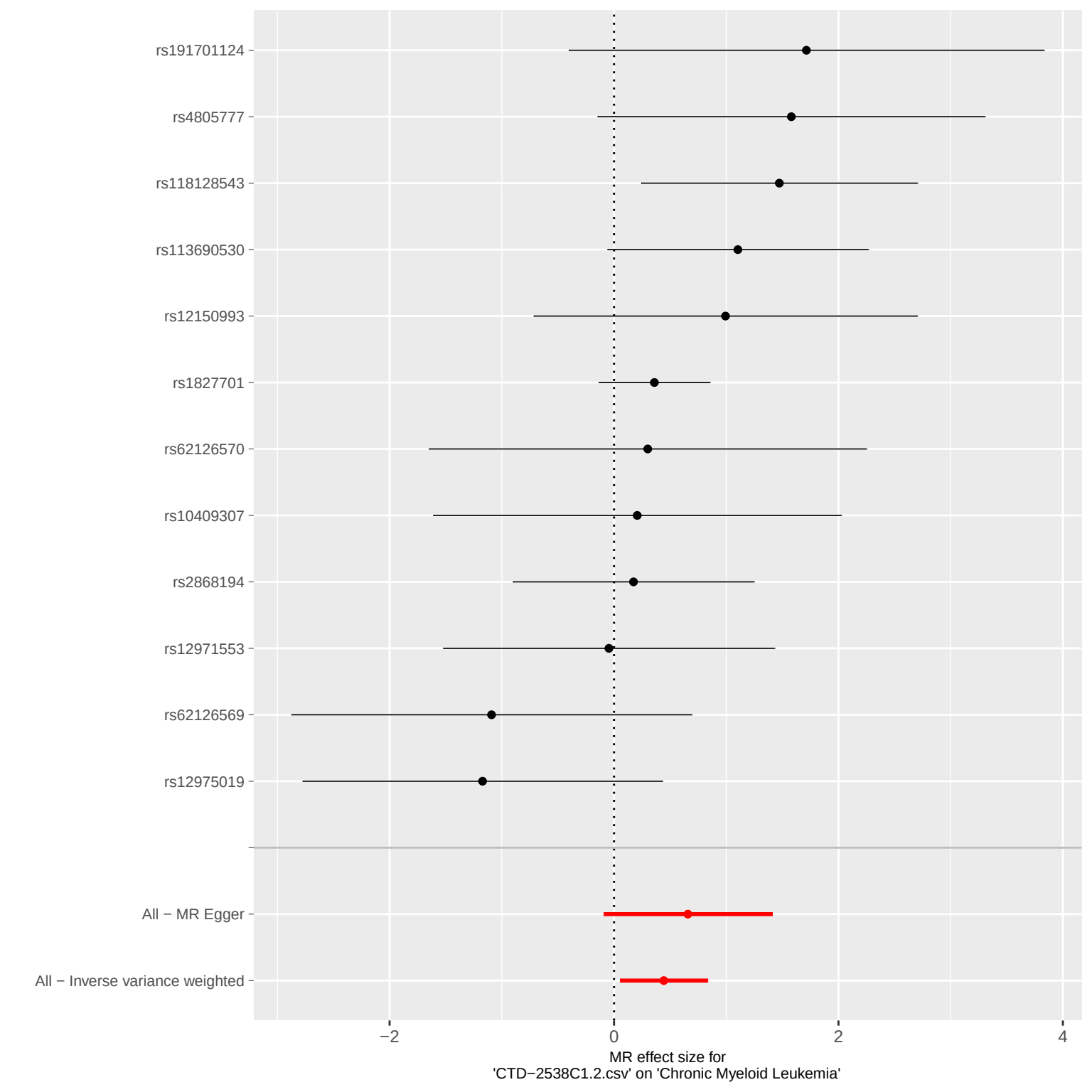
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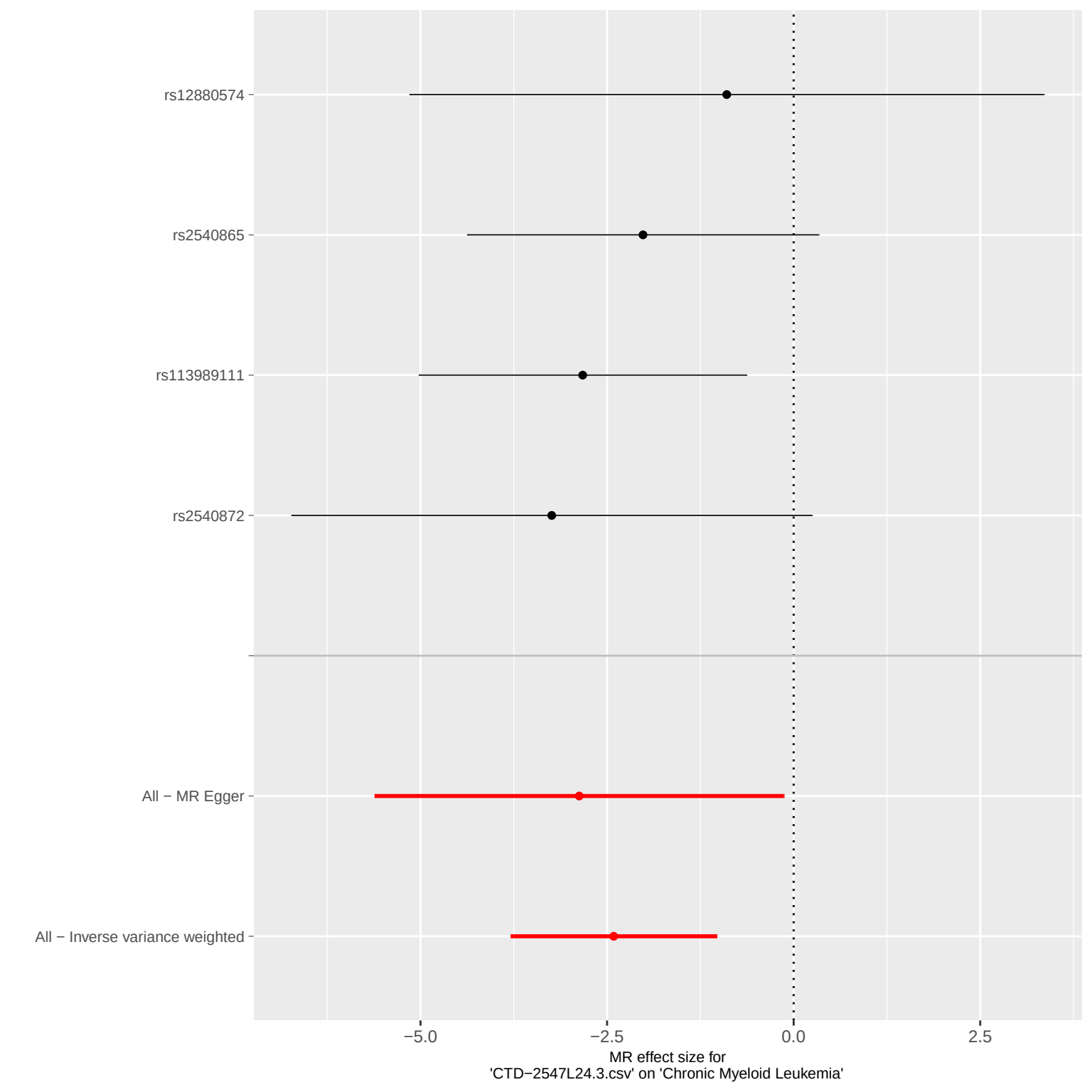
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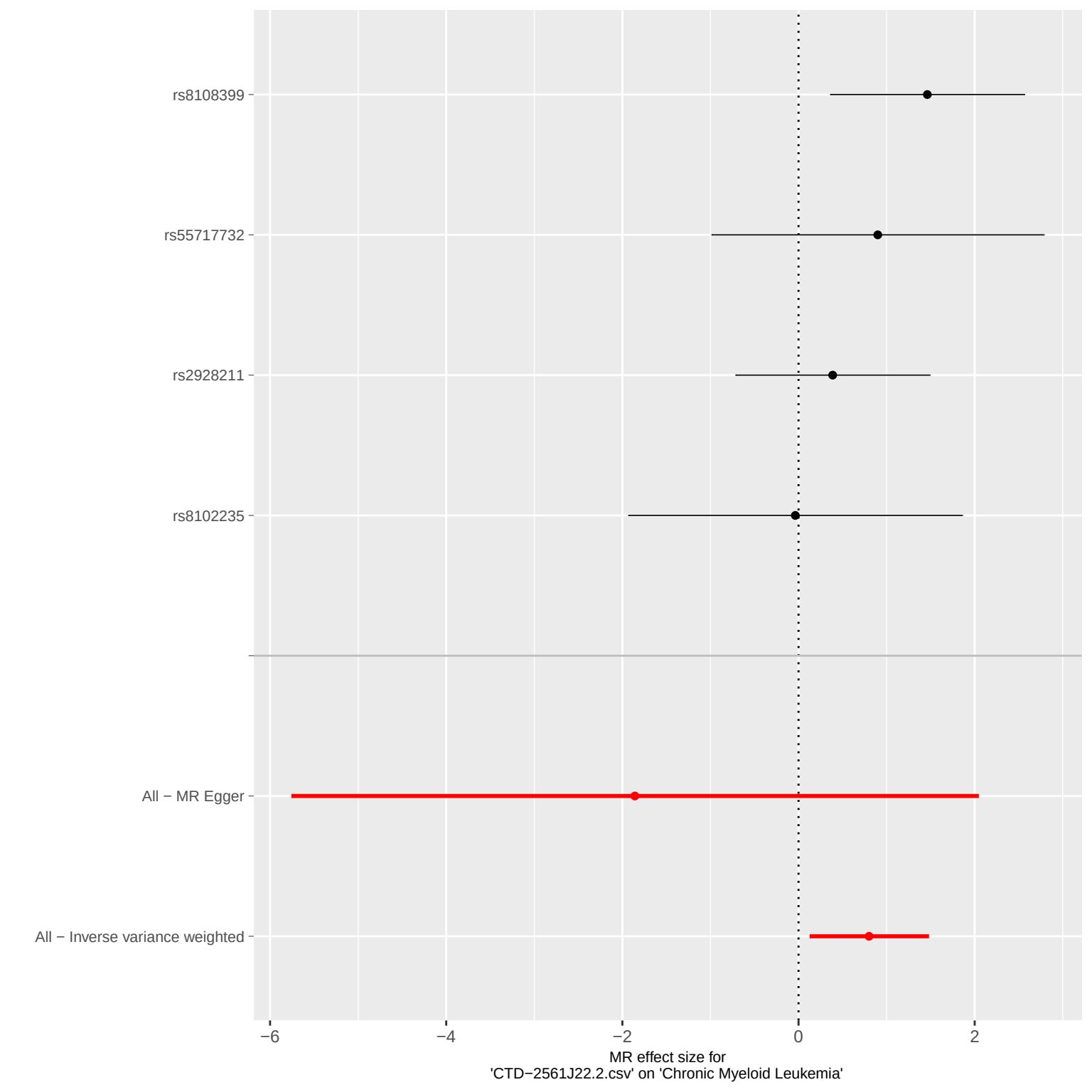
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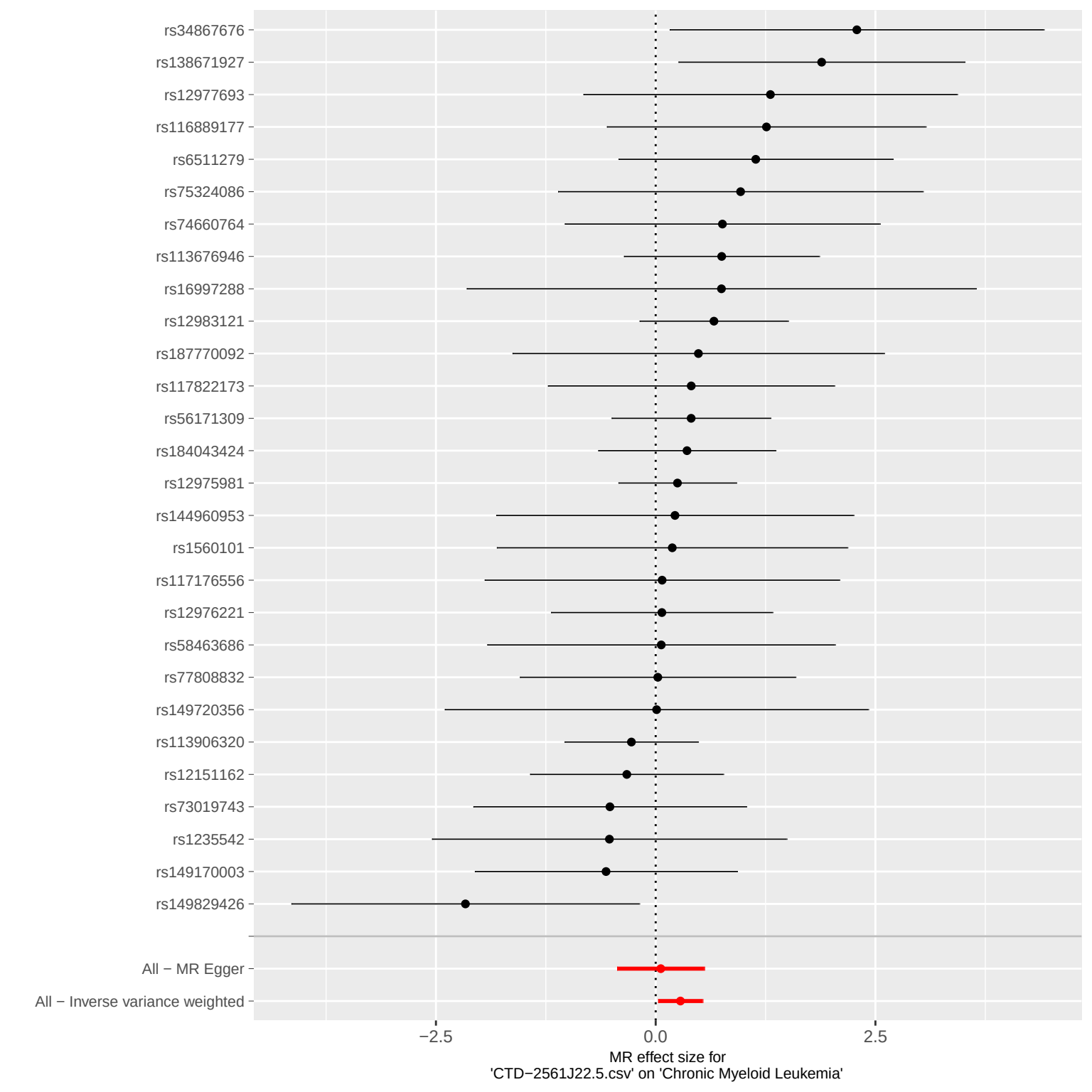
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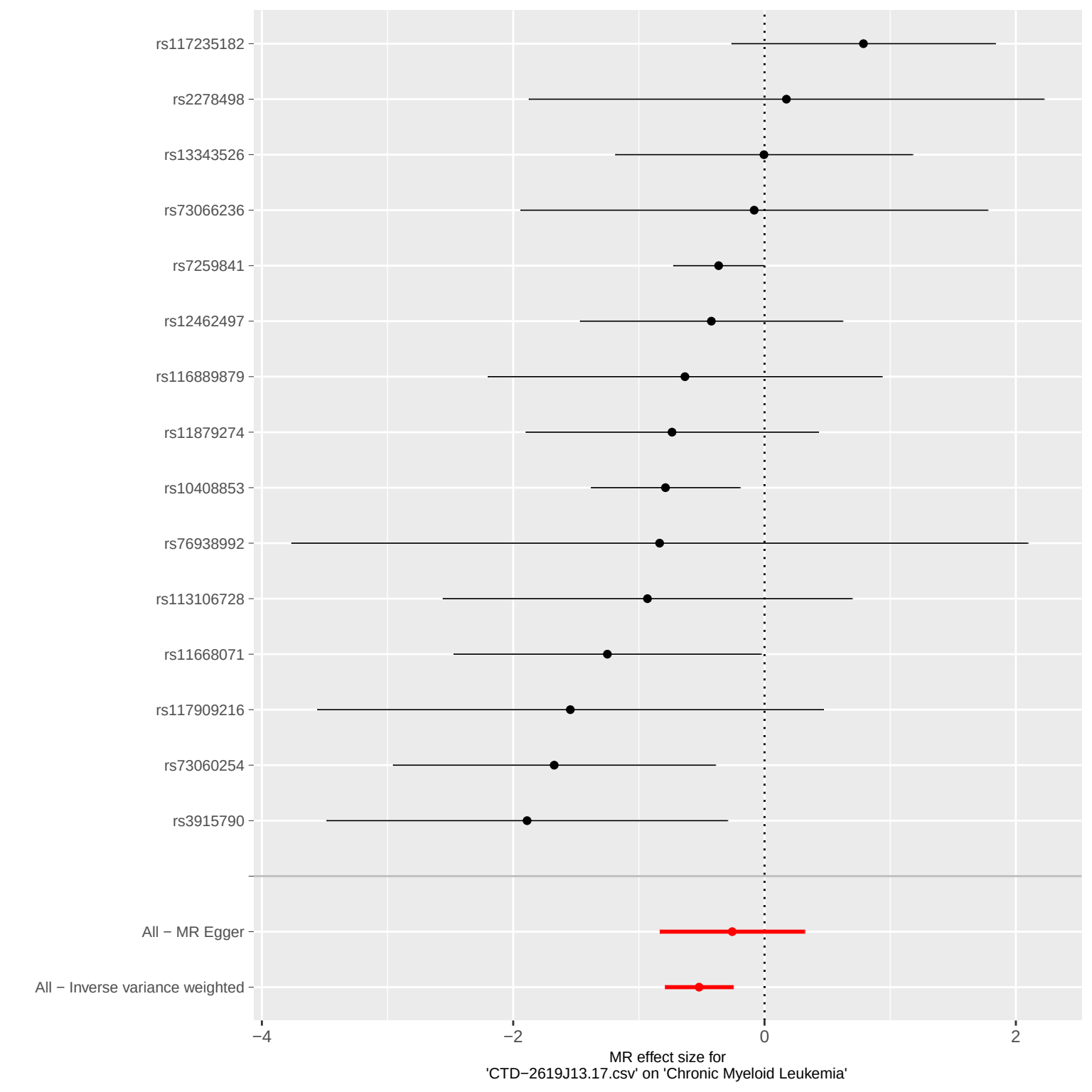
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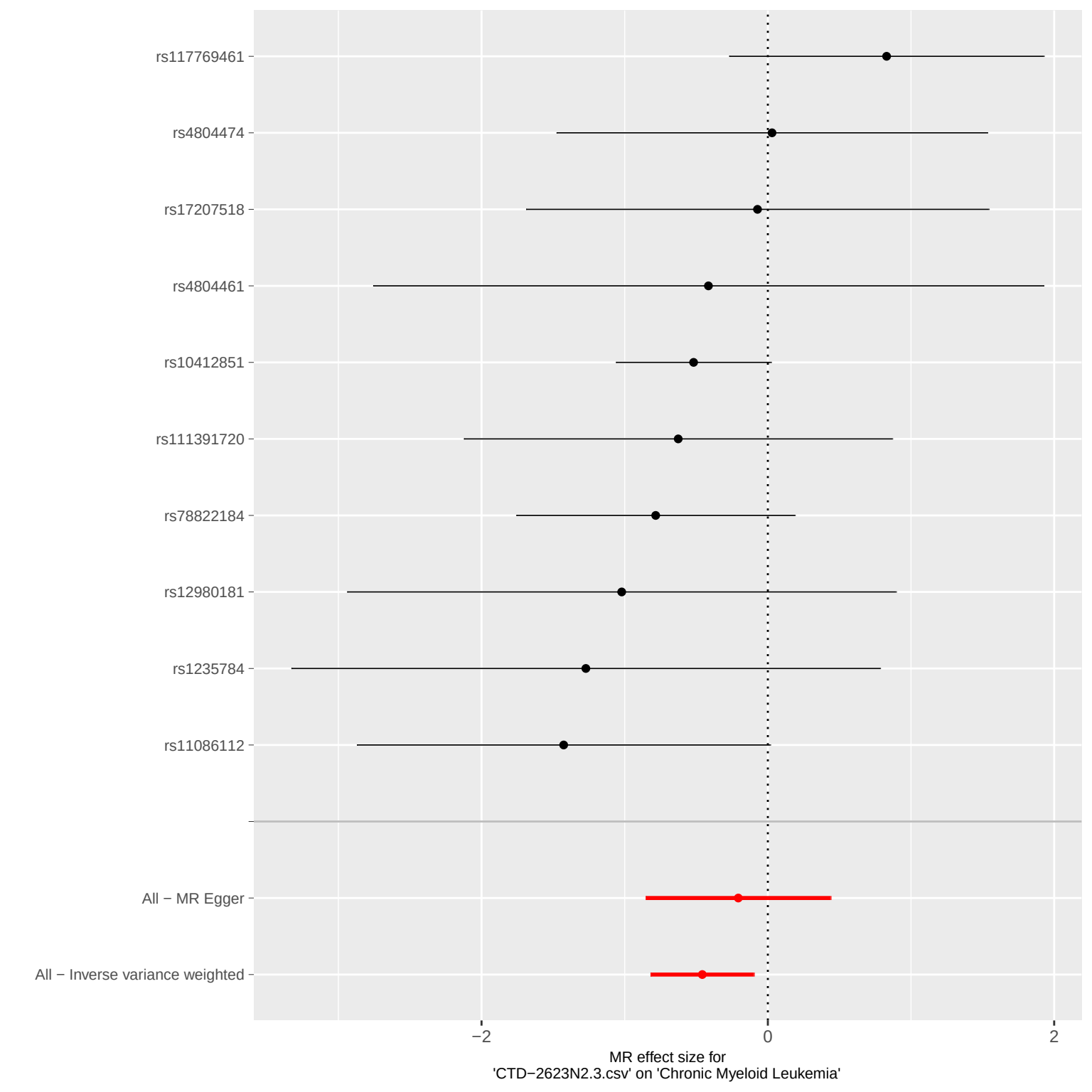
MR effect size for
'CTD−2619J13.17.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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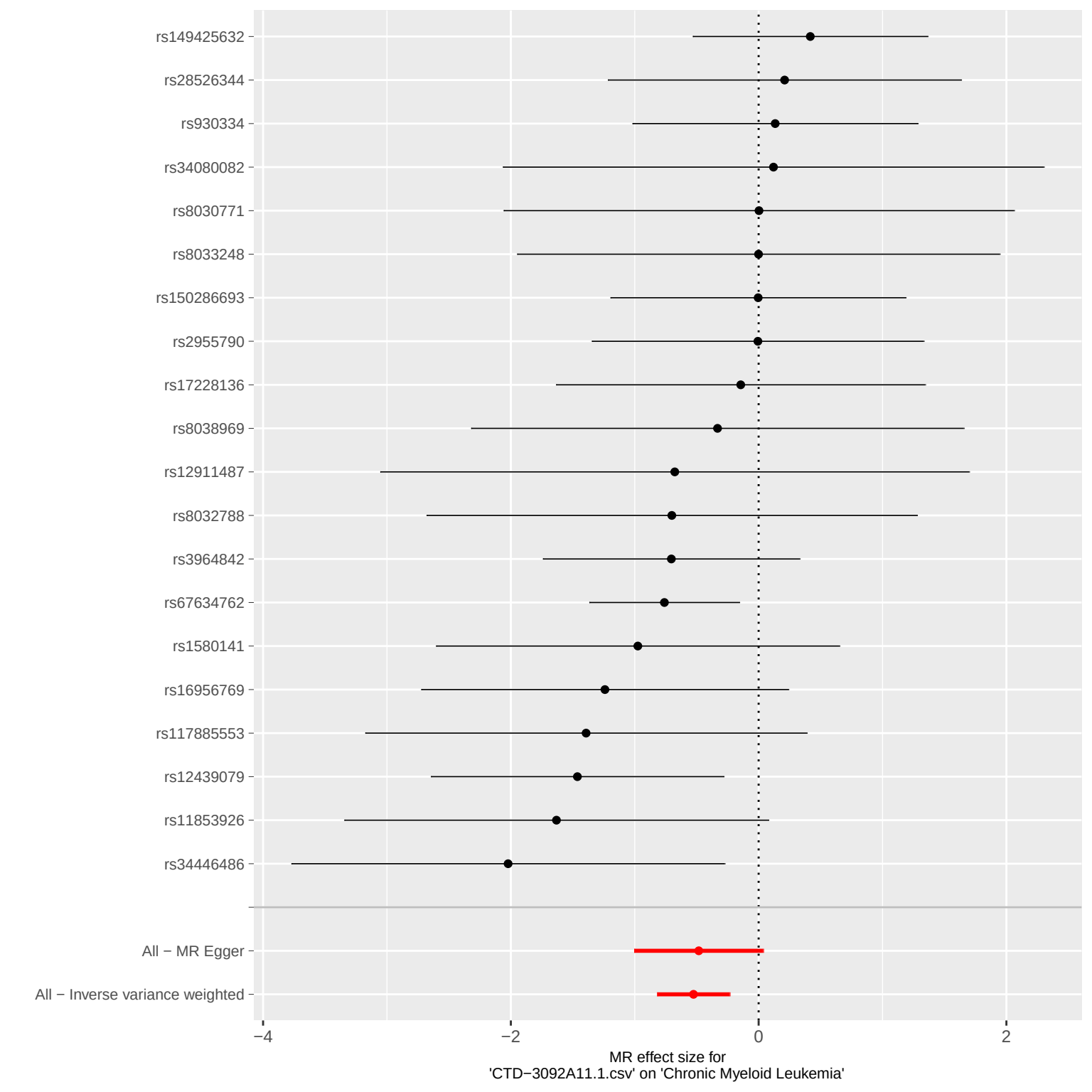
2
MR effect size for
'CTD−2623N2.3.csv' on 'Chronic Myeloid Leukemia'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rs34446486
All − MR Egger
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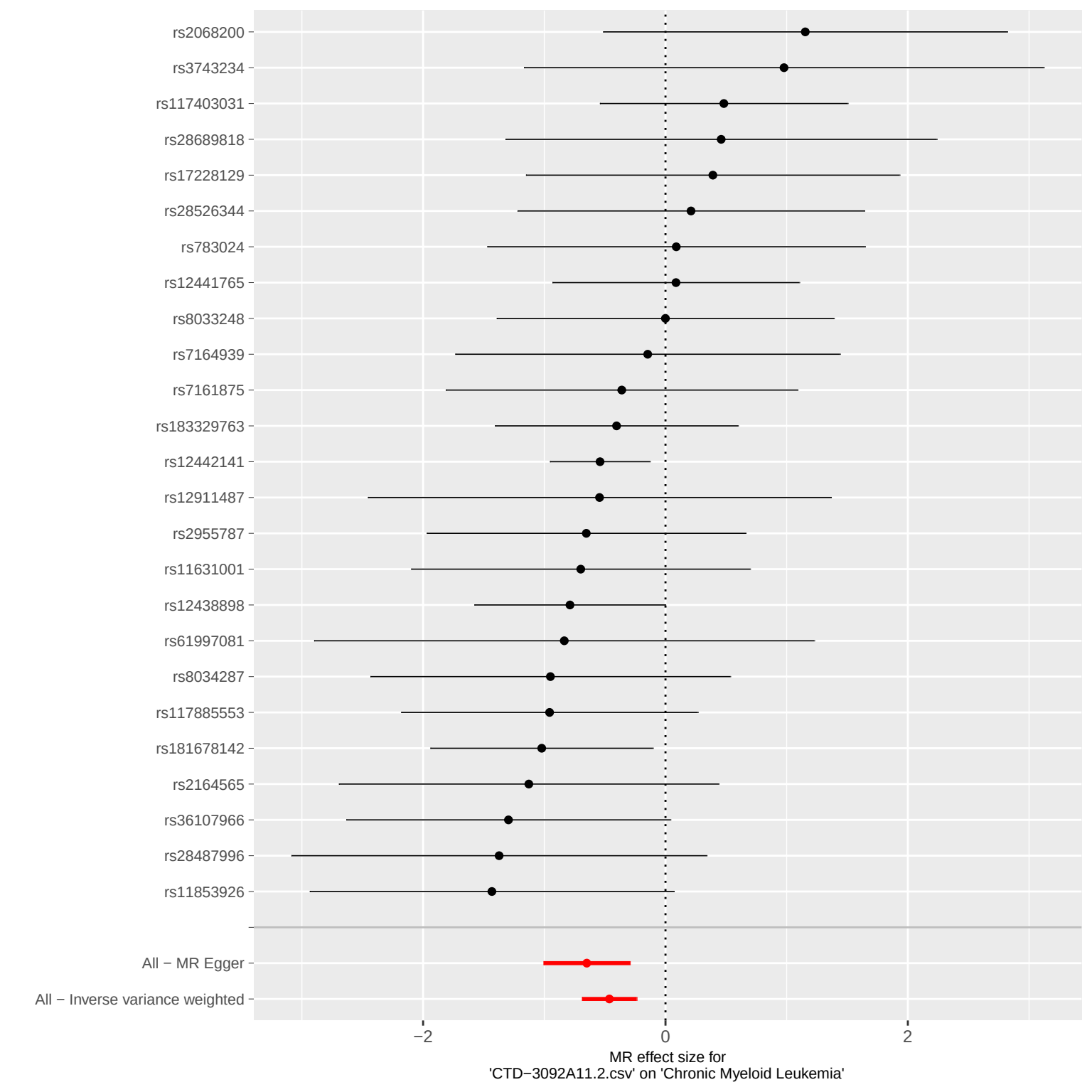
MR effect size for
'CTD−3092A11.1.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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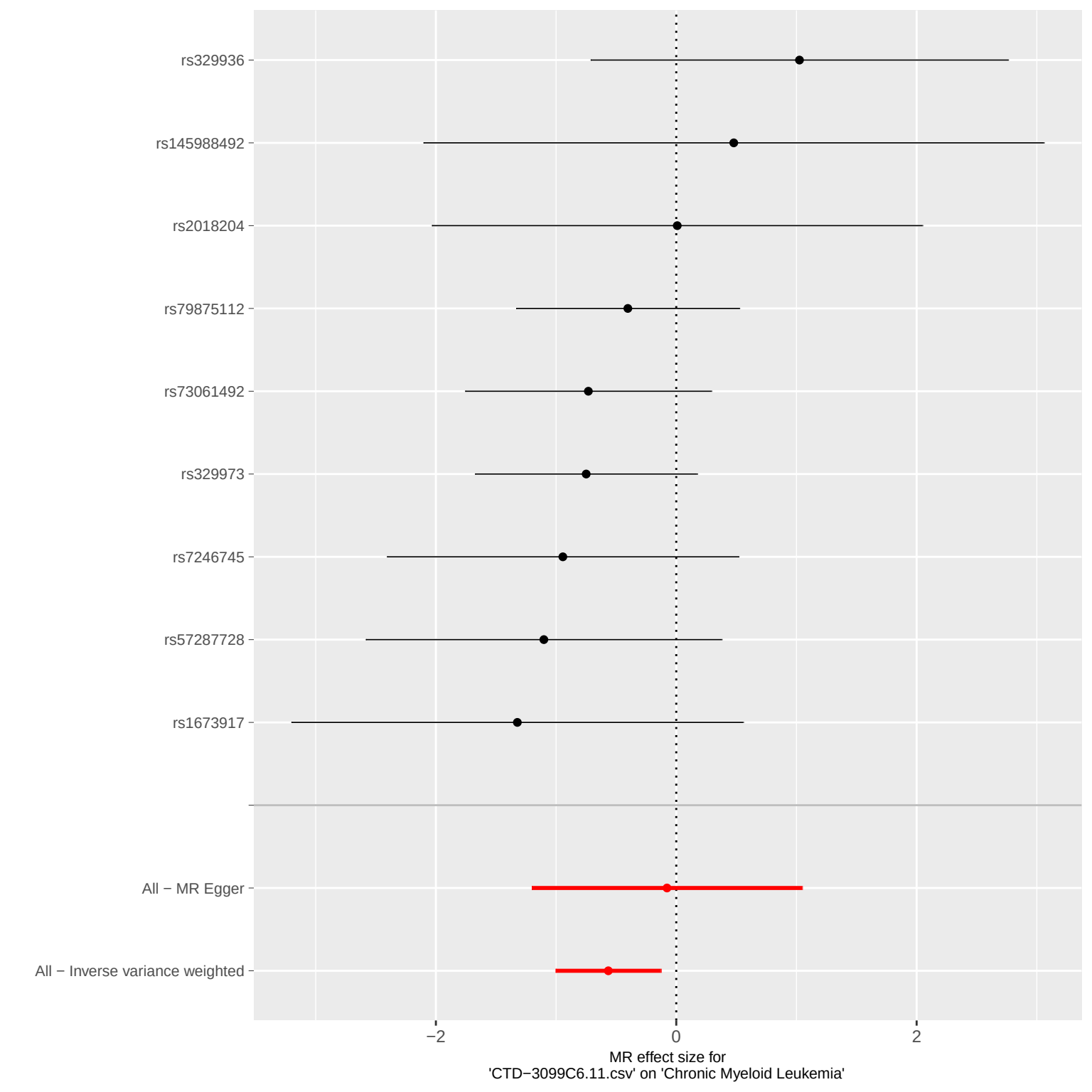
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All − Inverse variance weighted
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2
MR effect size for
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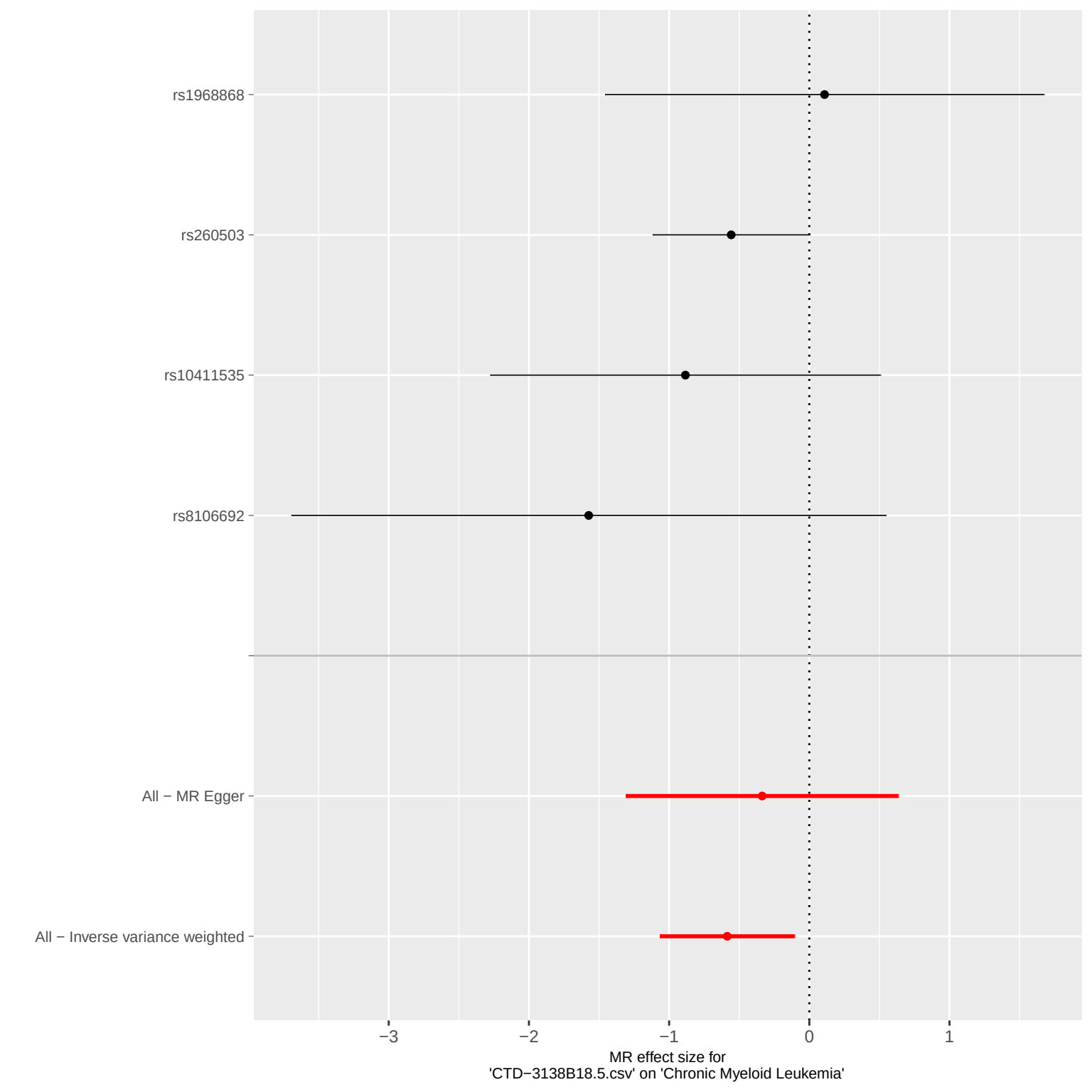
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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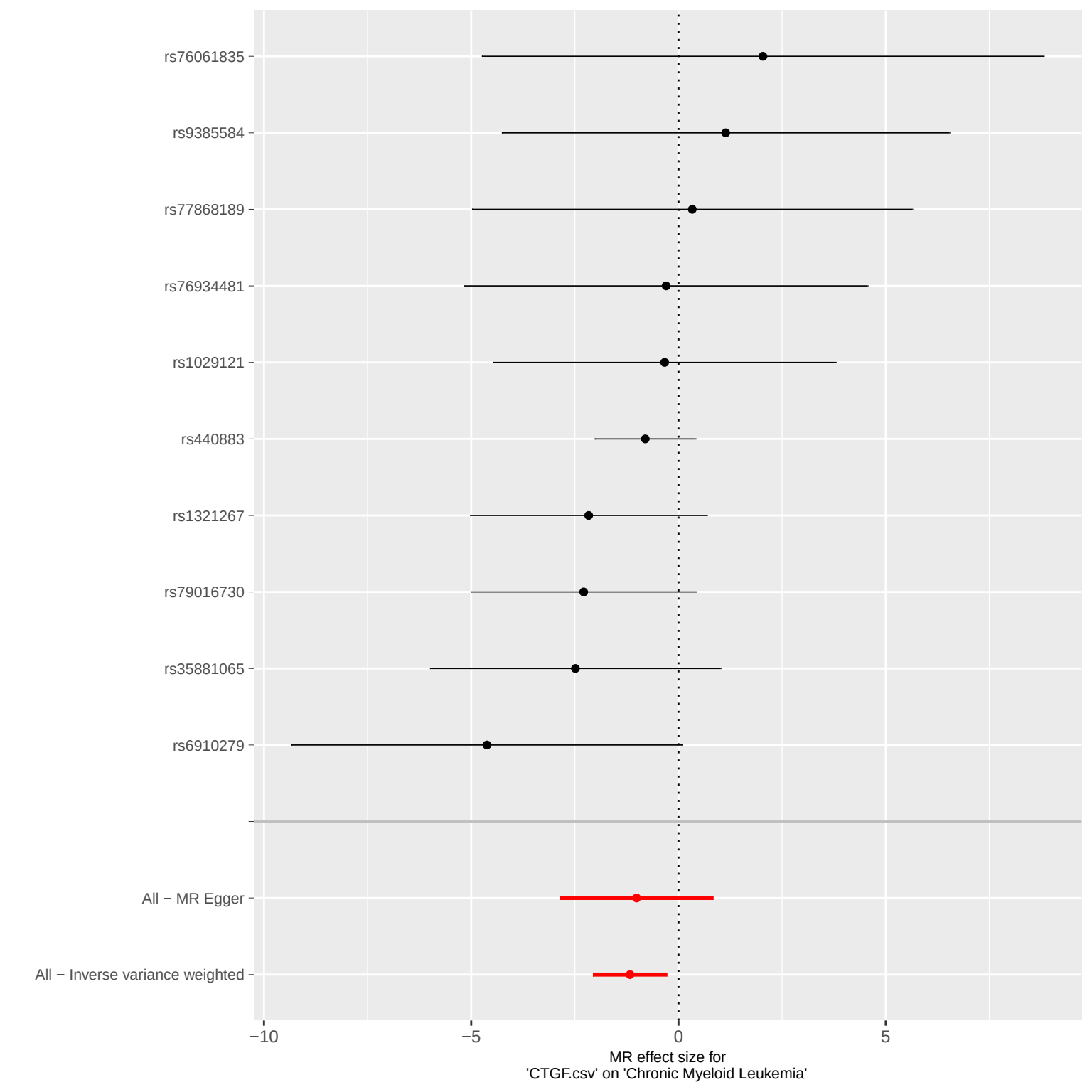
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All − Inverse variance weighted
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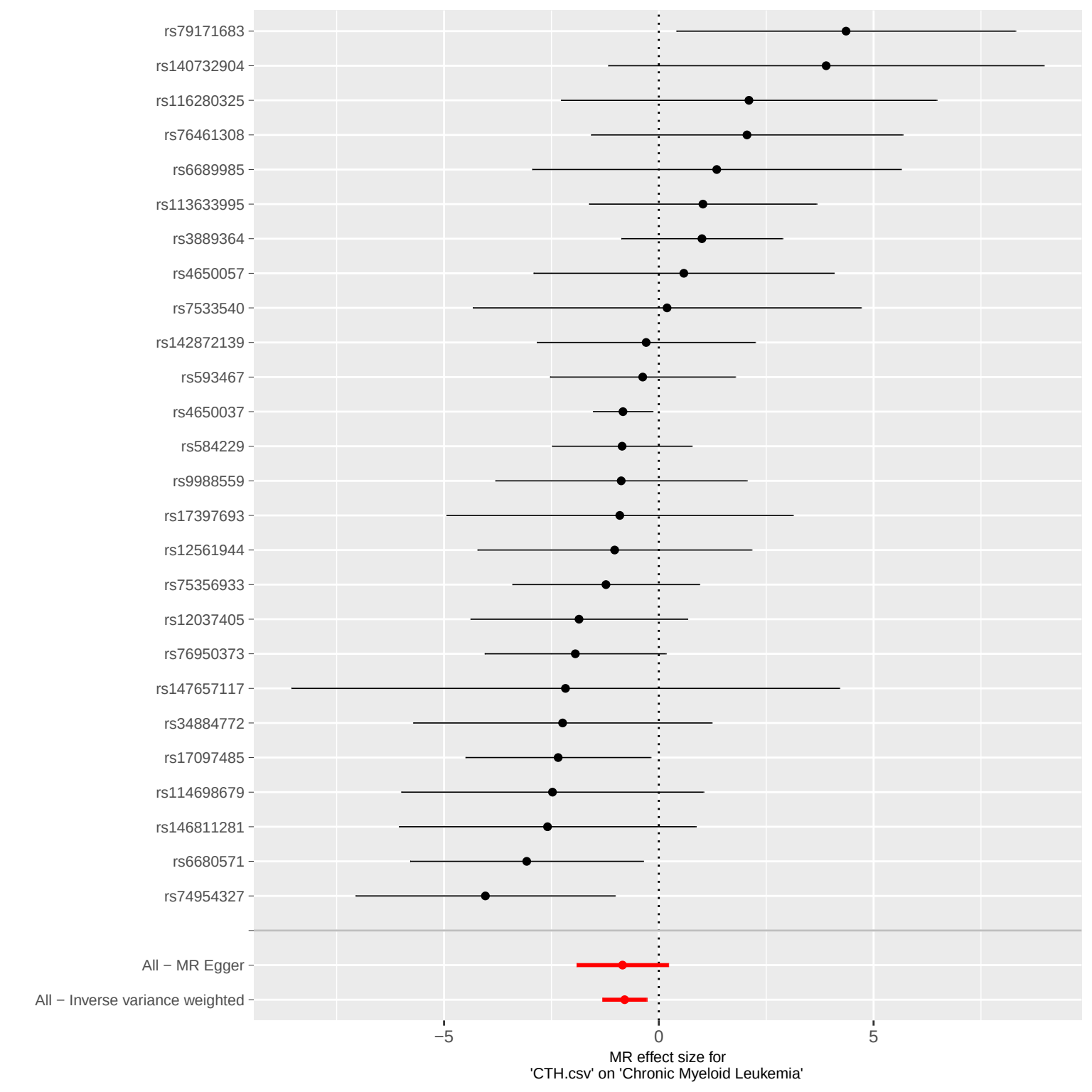
−5
0
5
MR effect size for
'CTGF.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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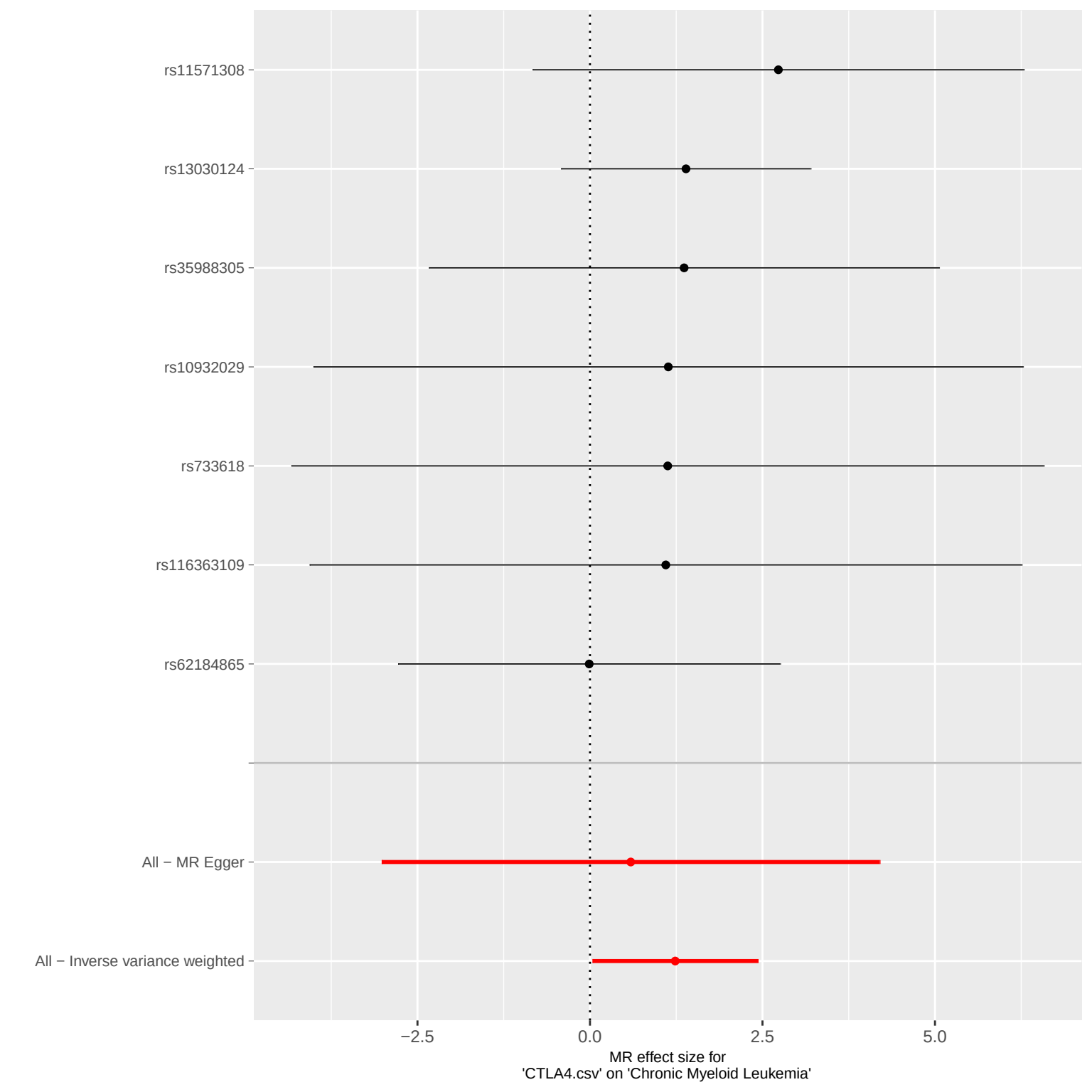
5
MR effect size for
'CTH.csv' on 'Chronic Myeloid Leukemia'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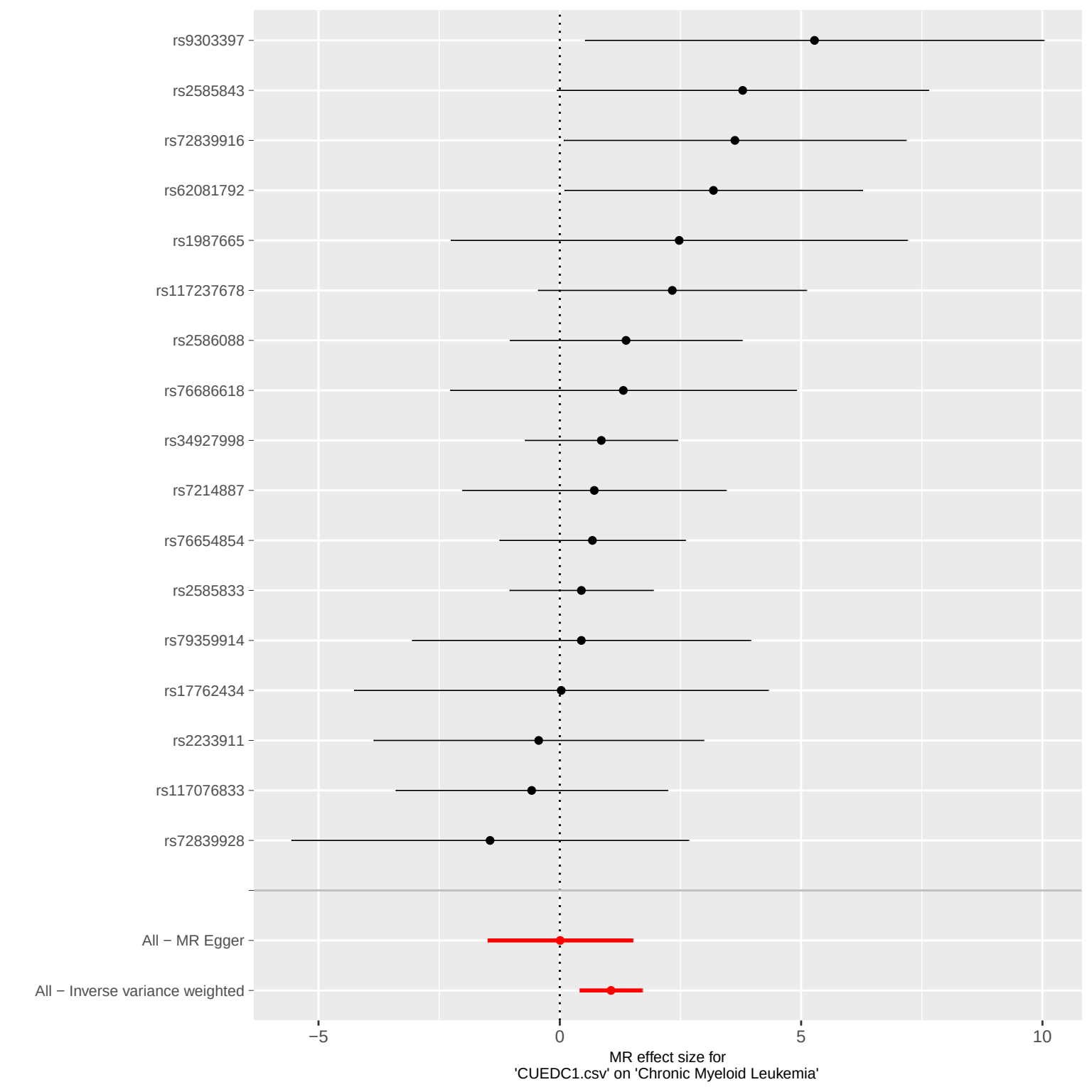
rs10932029
rs733618
rs116363109
rs62184865
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CTLA4.csv' on 'Chronic Myeloid Leukemia'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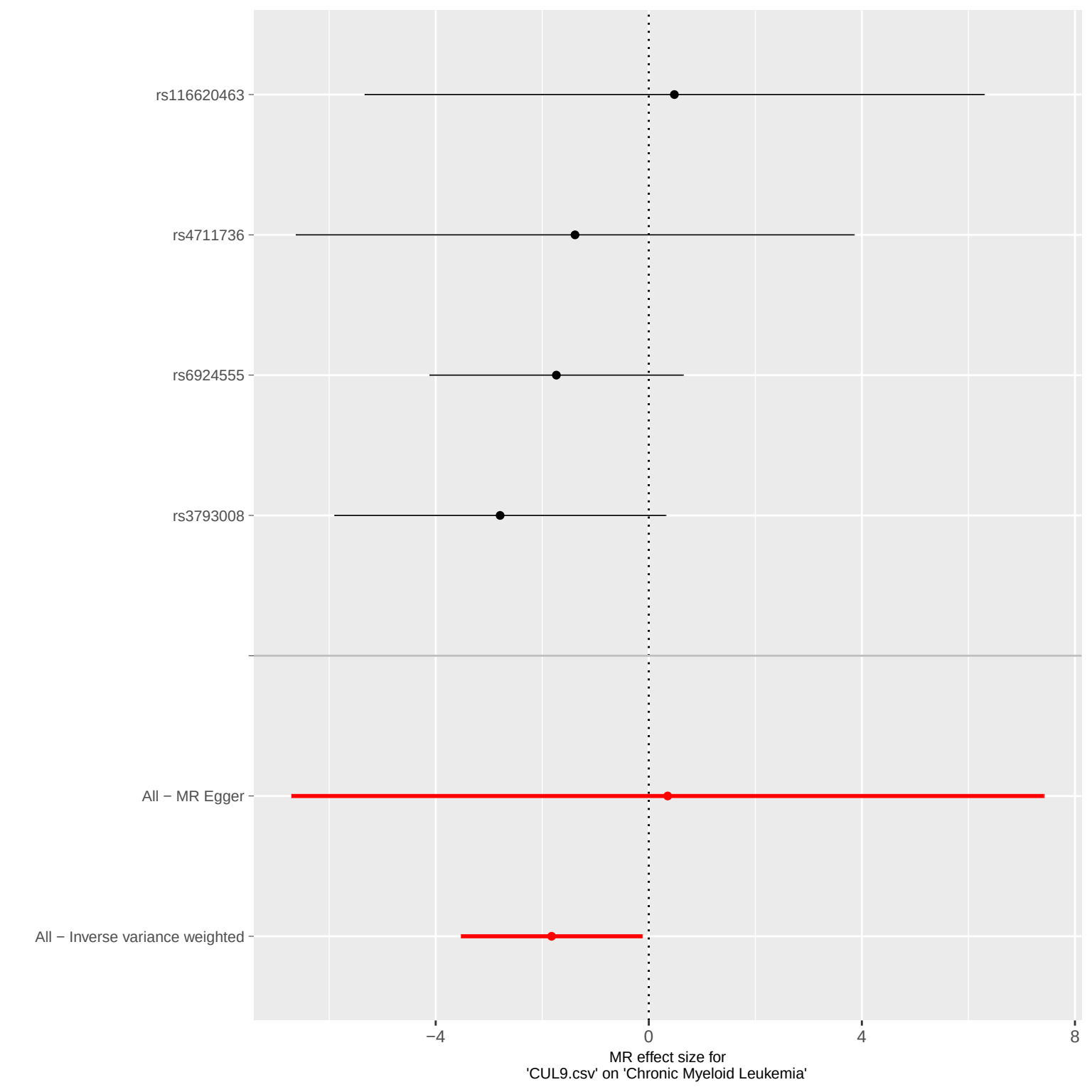
rs2585833
rs79359914
rs17762434
rs2233911
rs117076833
rs72839928
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'CUEDC1.csv' on 'Chronic Myeloid Leukemia'


rs116620463
rs4711736
rs6924555
rs3793008
All − MR Egger
All − Inverse variance weighted
−4
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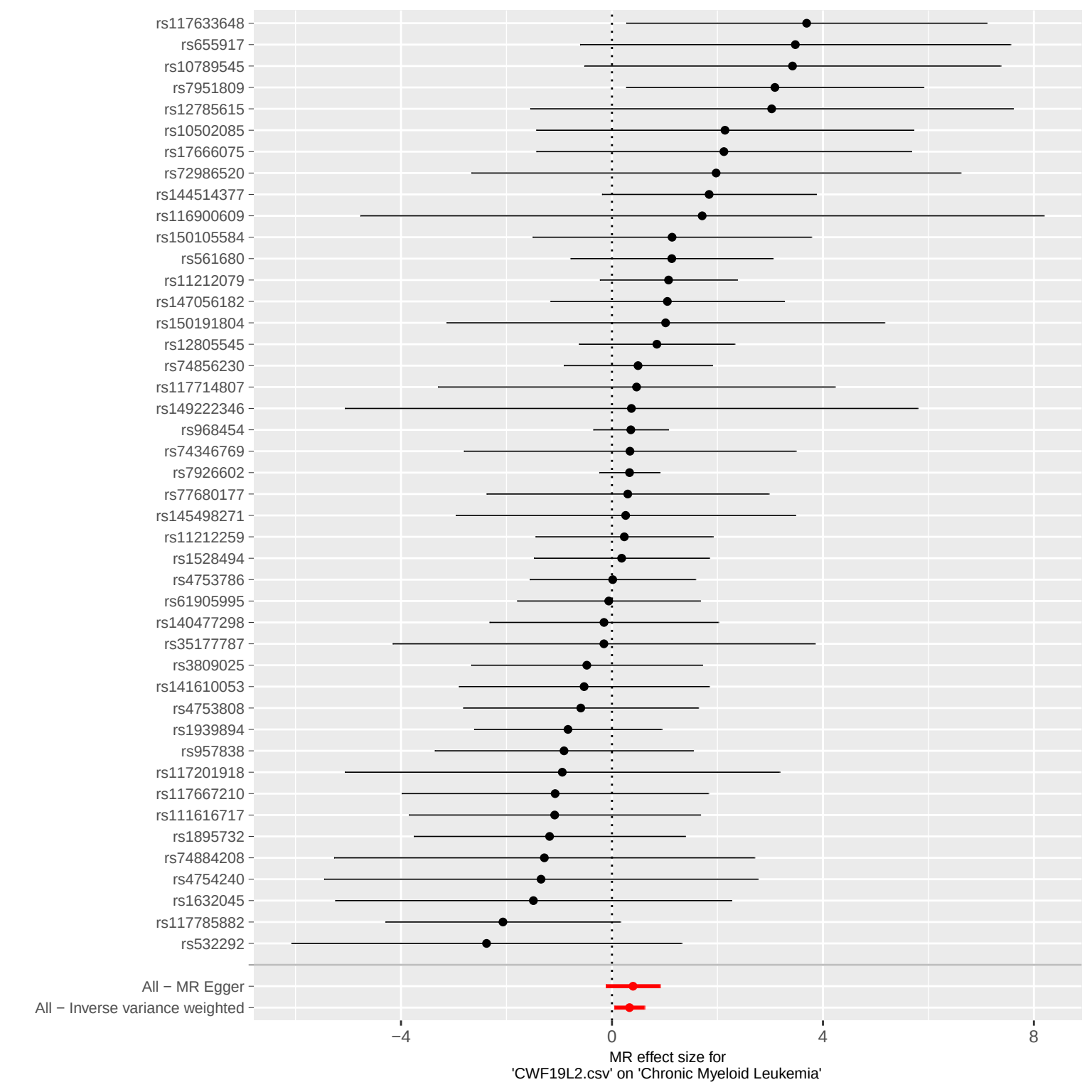
4
8
MR effect size for
'CUL9.csv' on 'Chronic Myeloid Leukemia'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rs4753808
rs1939894
rs957838
rs117201918
rs117667210
rs111616717
rs1895732
rs74884208
rs4754240
rs1632045
rs117785882
rs532292
All − MR Egger
All − Inverse variance weighted
−4
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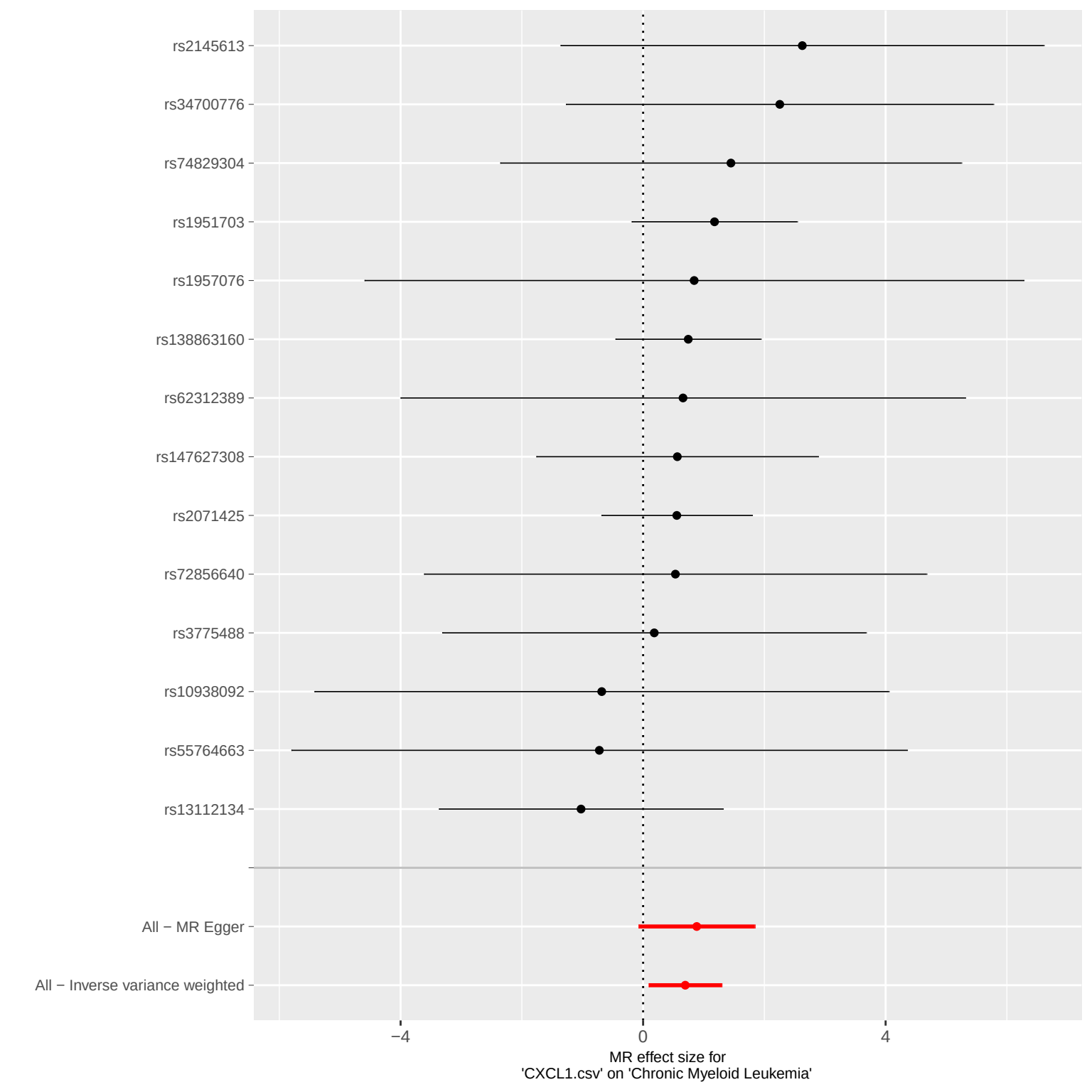
4
8
MR effect size for
'CWF19L2.csv' on 'Chronic Myeloid Leukemia'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rs72856640
rs3775488
rs10938092
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All − MR Egger
All − Inverse variance weighted
−4
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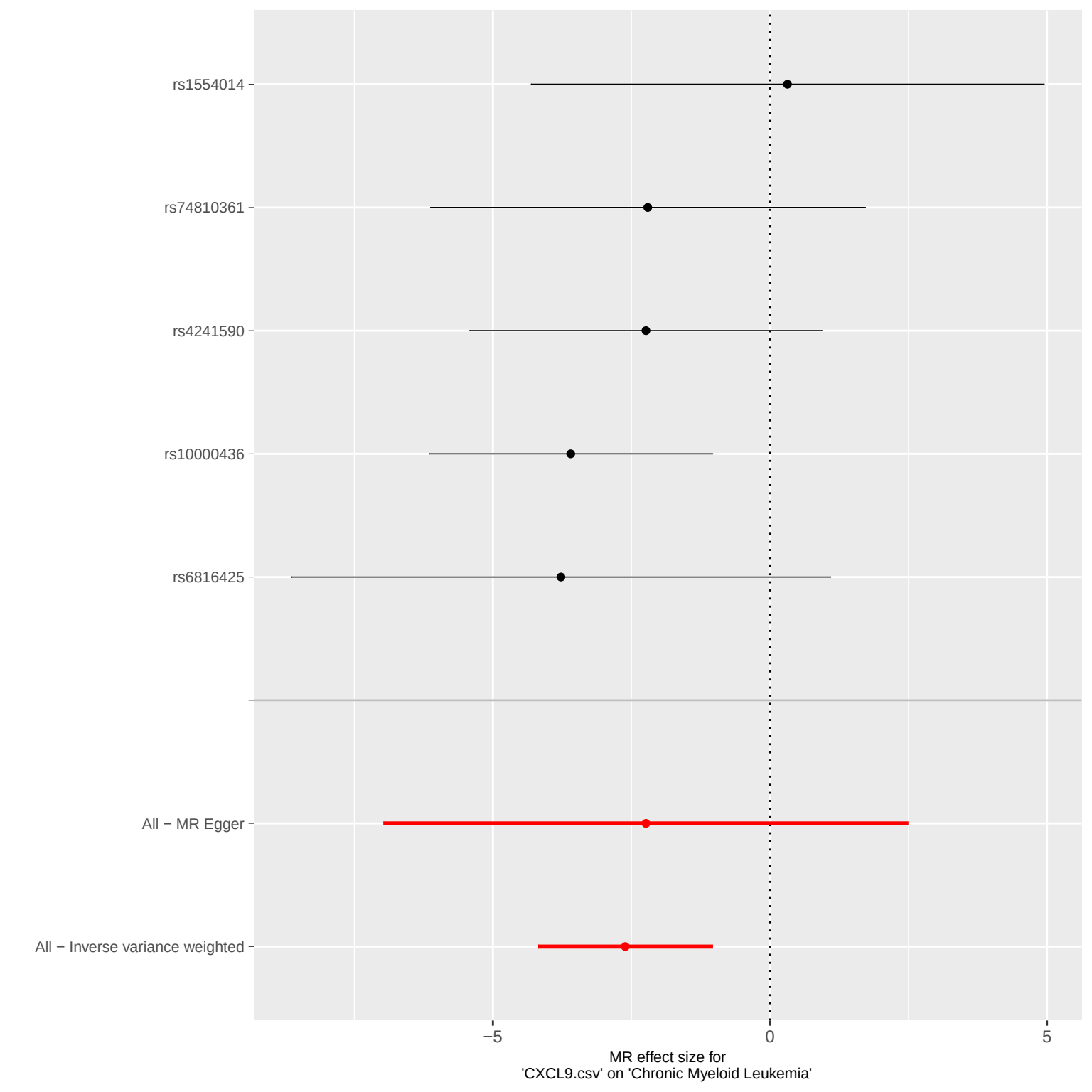
4
MR effect size for
'CXCL1.csv' on 'Chronic Myeloid Leukemia'


rs1554014
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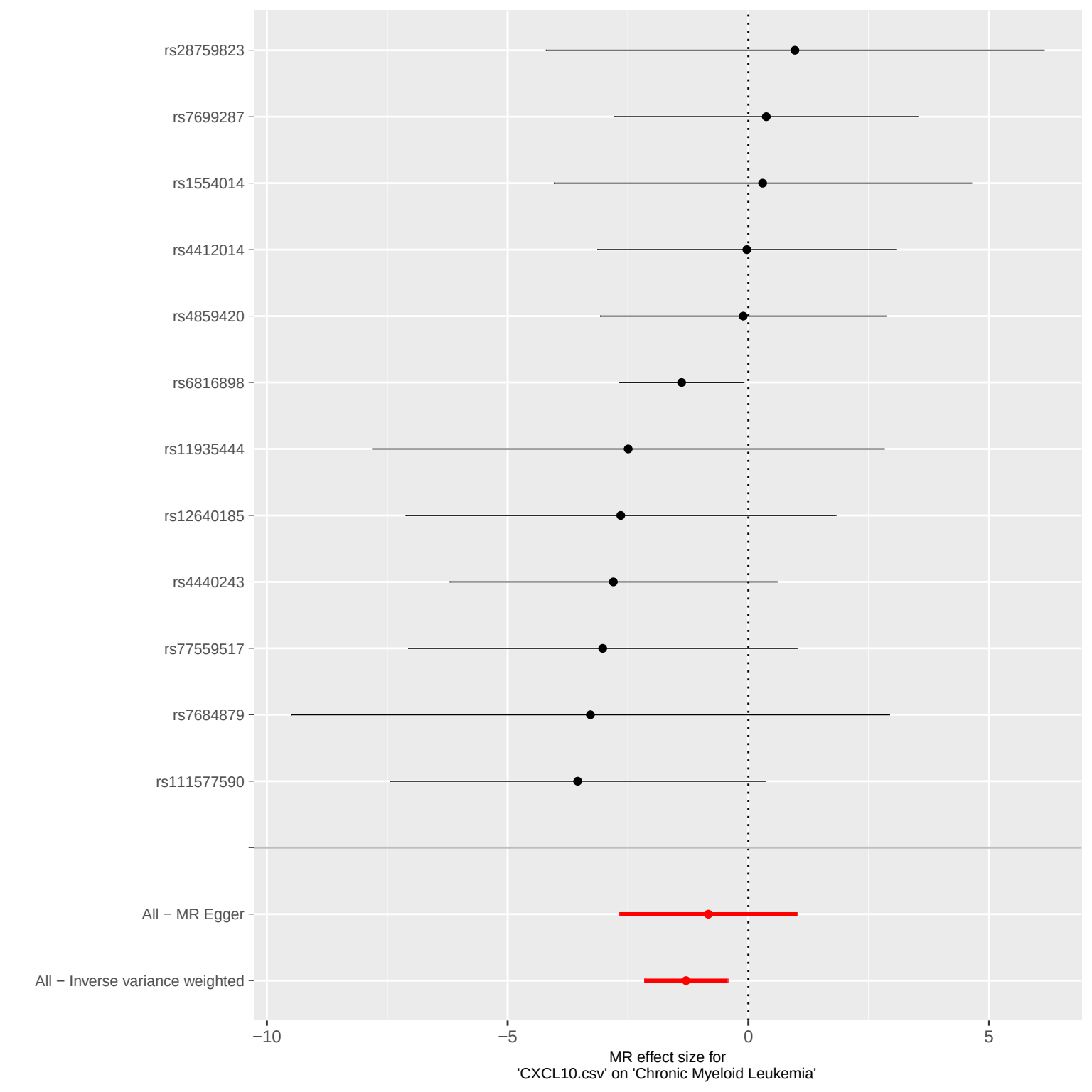
All − Inverse variance weighted
−5
0
5
MR effect size for
'CXCL9.csv' on 'Chronic Myeloid Leukemia'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rs7684879
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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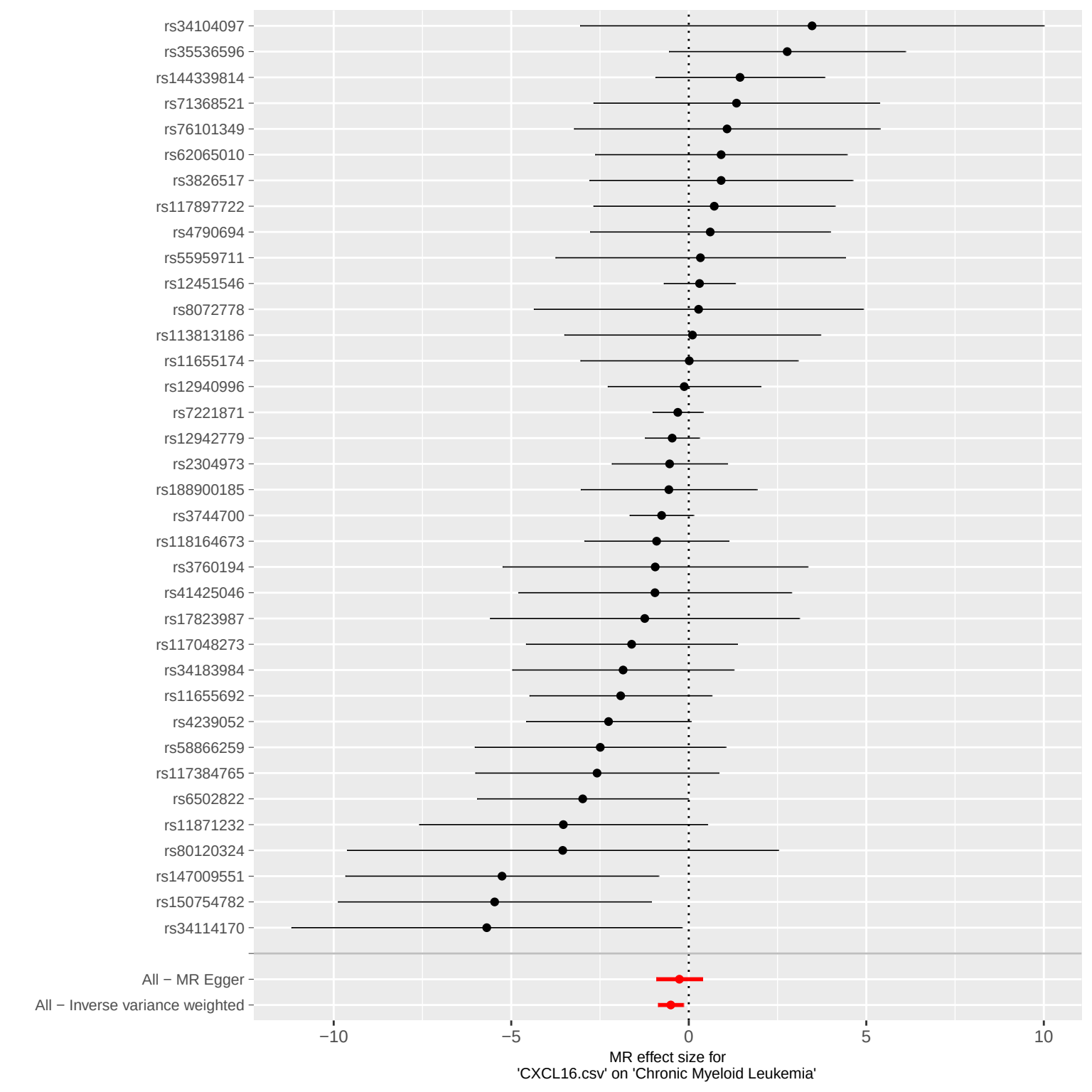
MR effect size for
'CXCL10.csv' on 'Chronic Myeloid Leukemia'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rs4239052
rs58866259
rs117384765
rs6502822
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rs147009551
rs150754782
rs34114170
All − MR Egger
All − Inverse variance weighted
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−5
0
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MR effect size for
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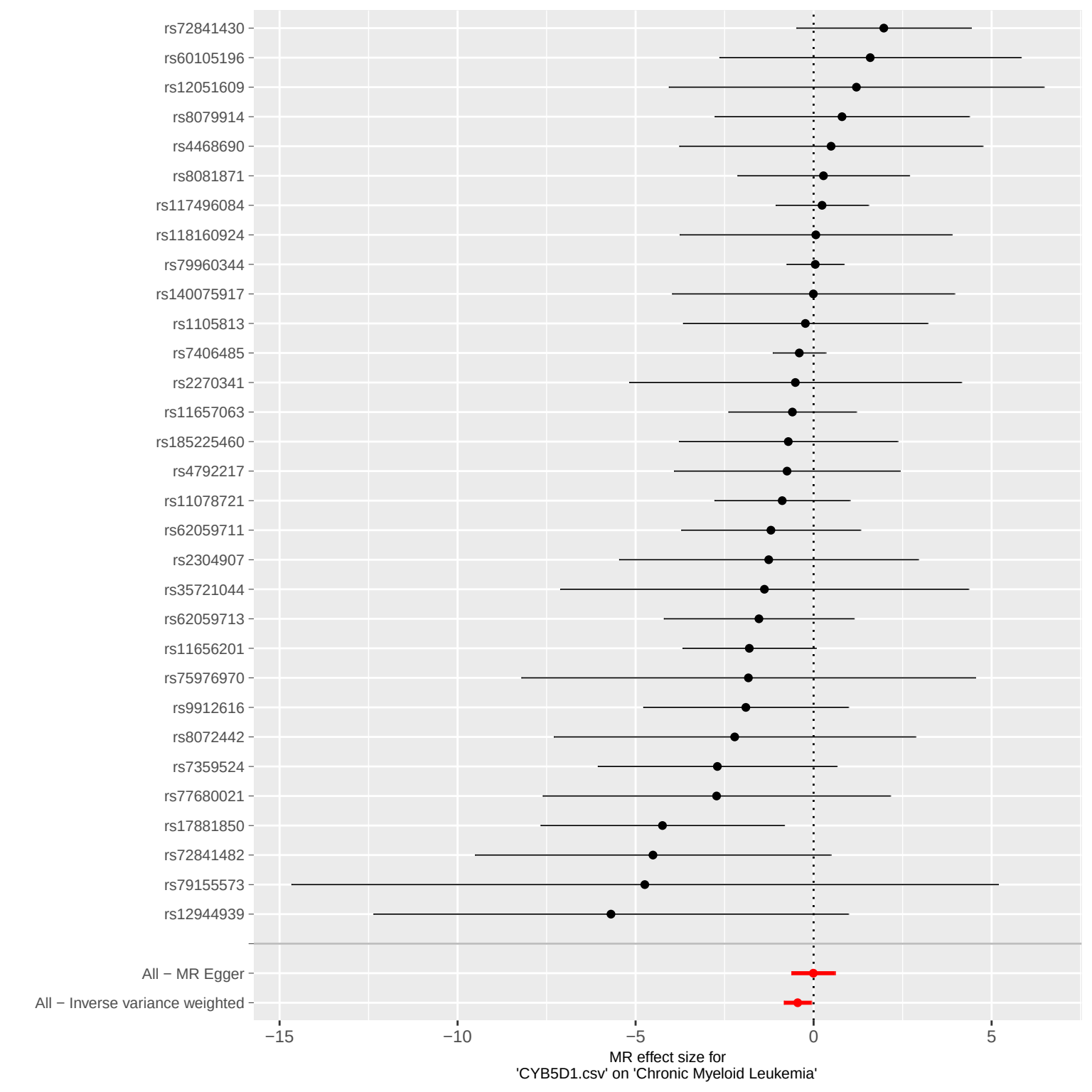
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rs77680021
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All − Inverse variance weighted
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−5
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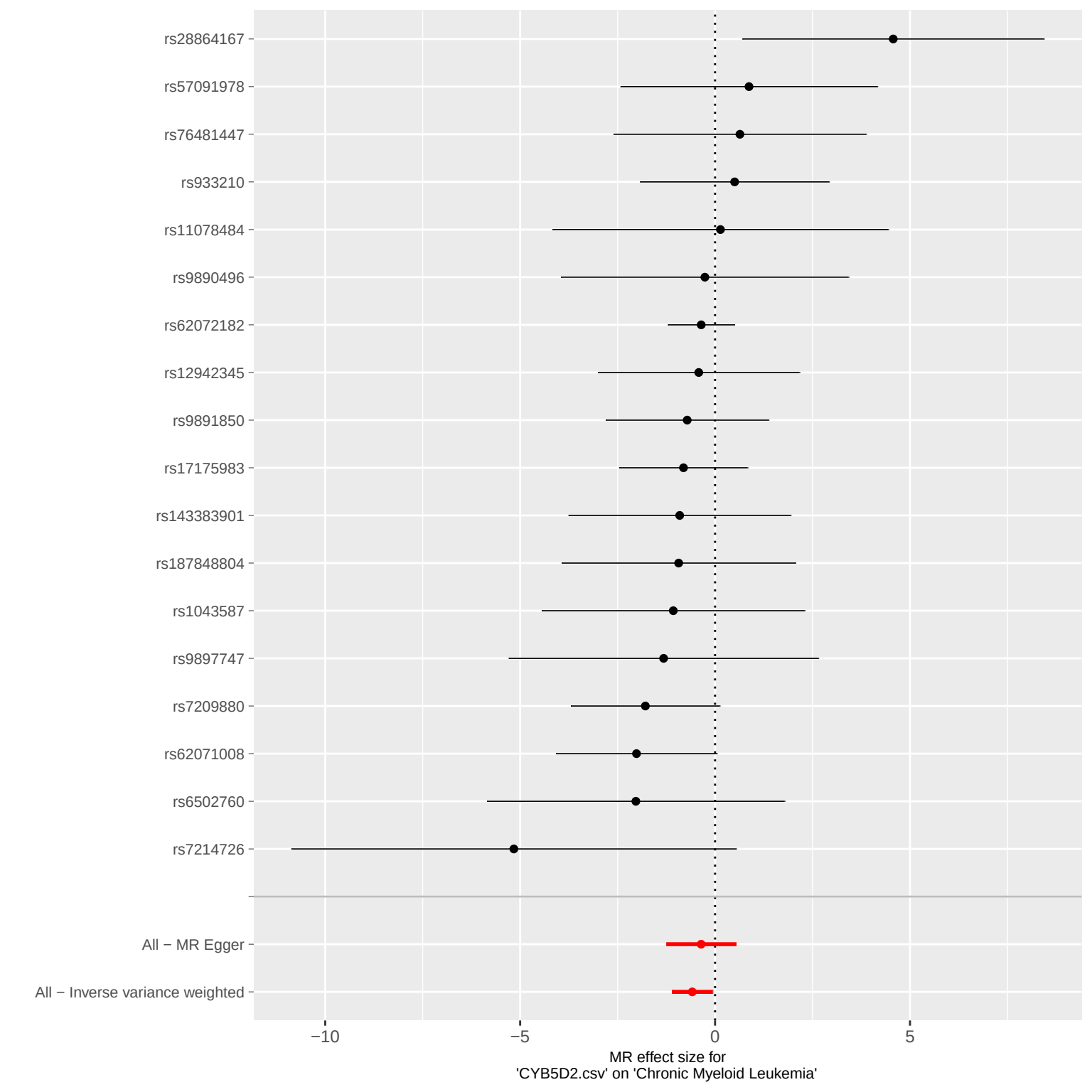
MR effect size for
'CYB5D1.csv' on 'Chronic Myeloid Leukemia'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rs1043587
rs9897747
rs7209880
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rs6502760
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All − MR Egger
All − Inverse variance weighted
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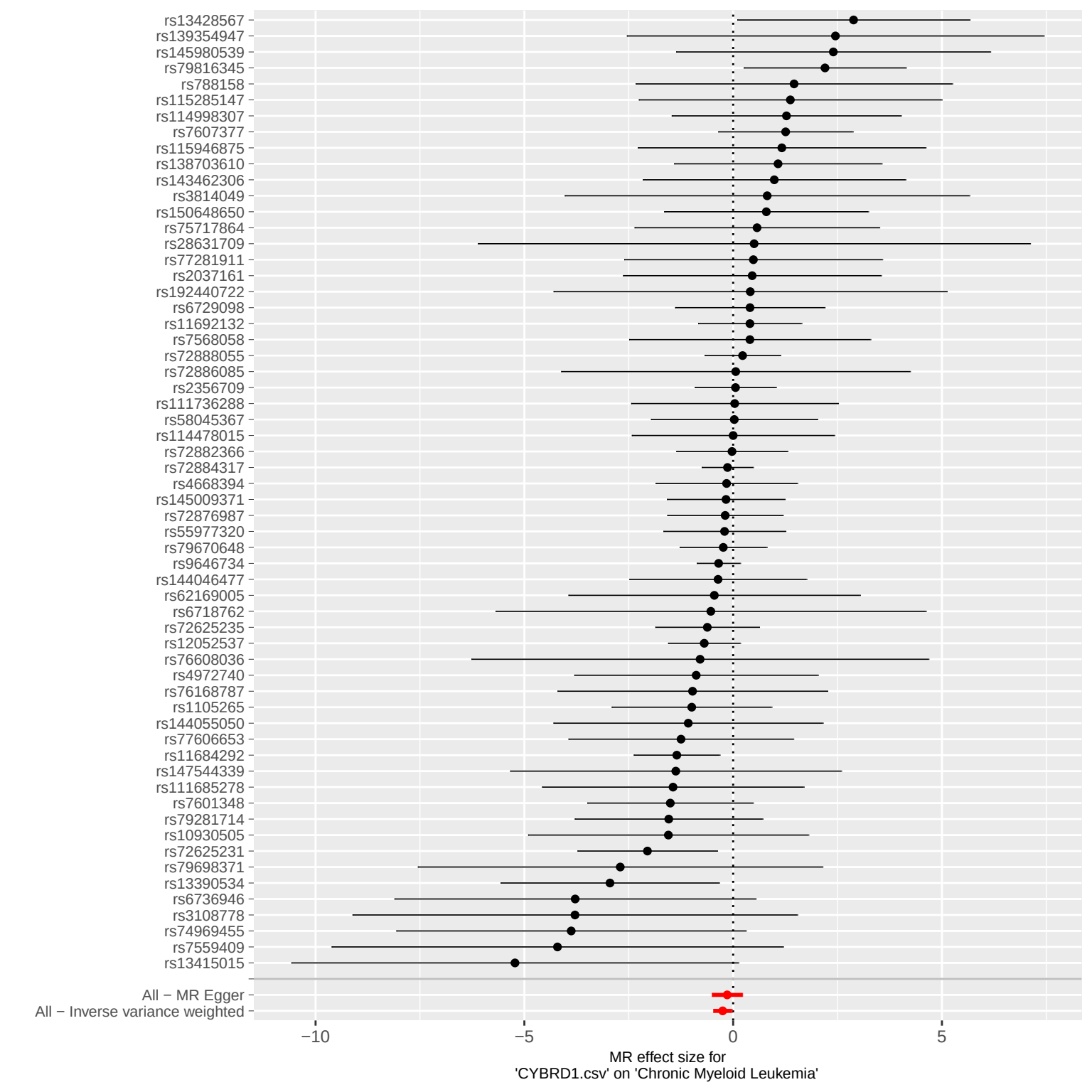
MR effect size for
'CYB5D2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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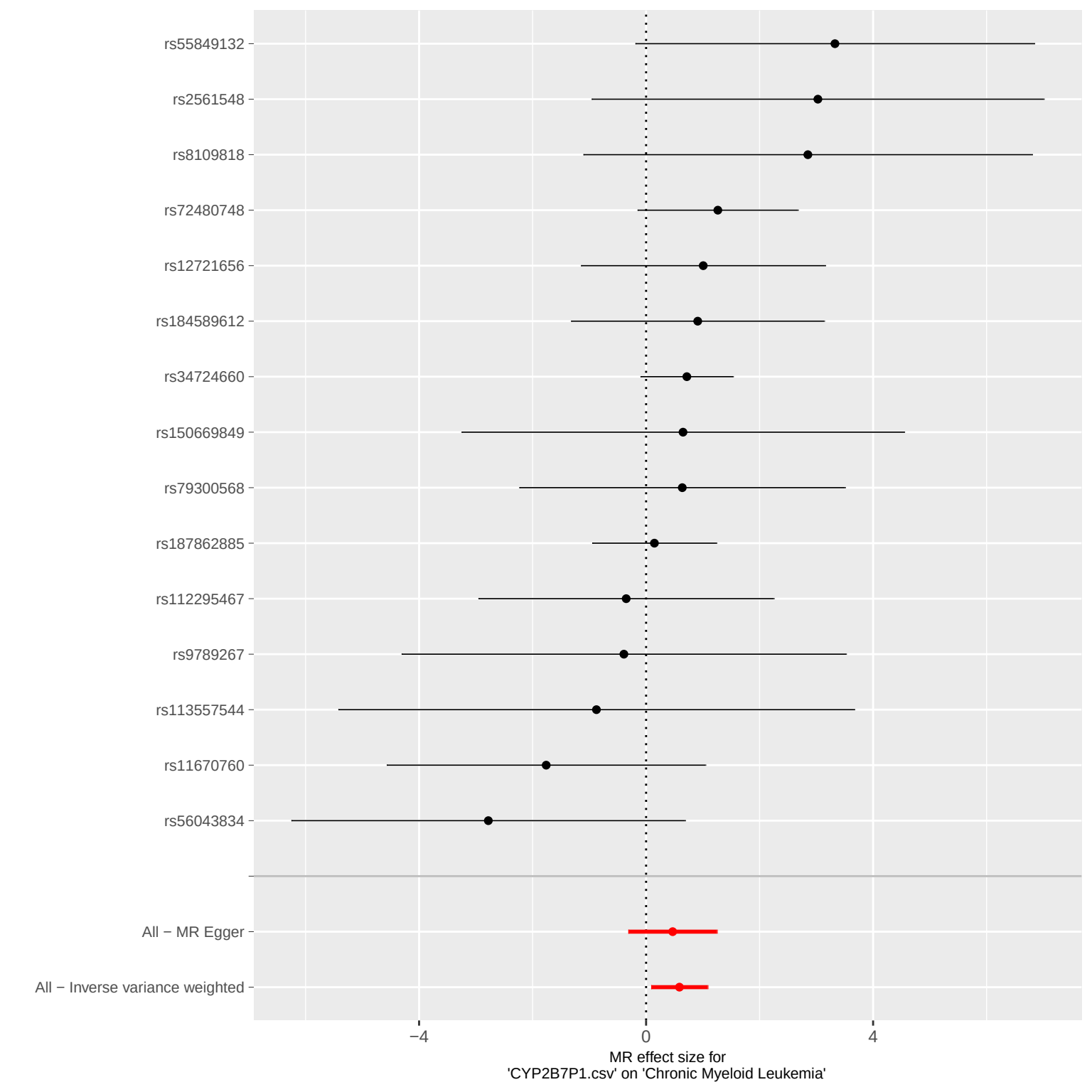
−5
0
5
MR effect size for
'CYBRD1.csv' on 'Chronic Myeloid Leukemia'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rs9789267
rs113557544
rs11670760
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All − MR Egger
All − Inverse variance weighted
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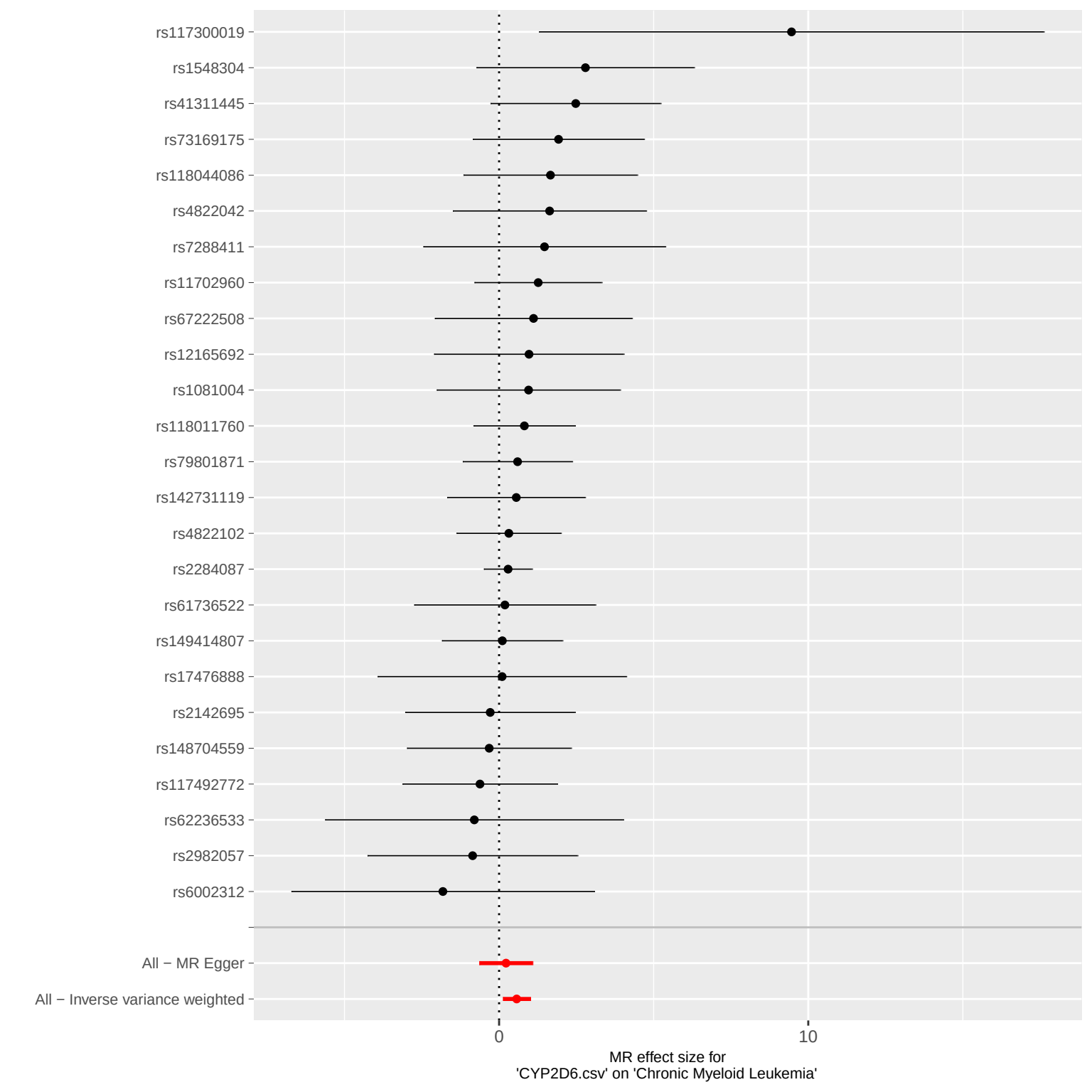
MR effect size for
'CYP2B7P1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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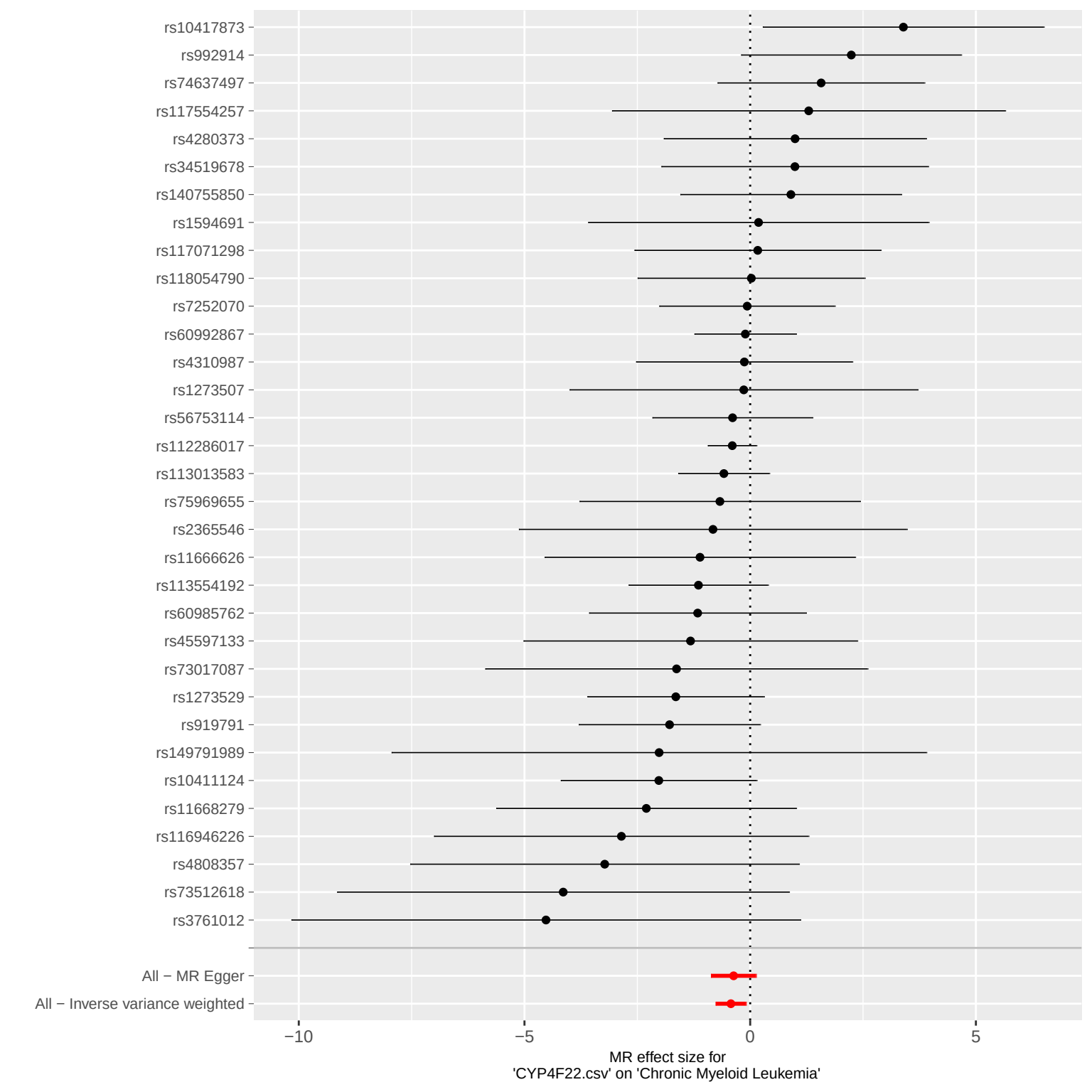
MR effect size for
'CYP2D6.csv' on 'Chronic Myeloid Leukemia'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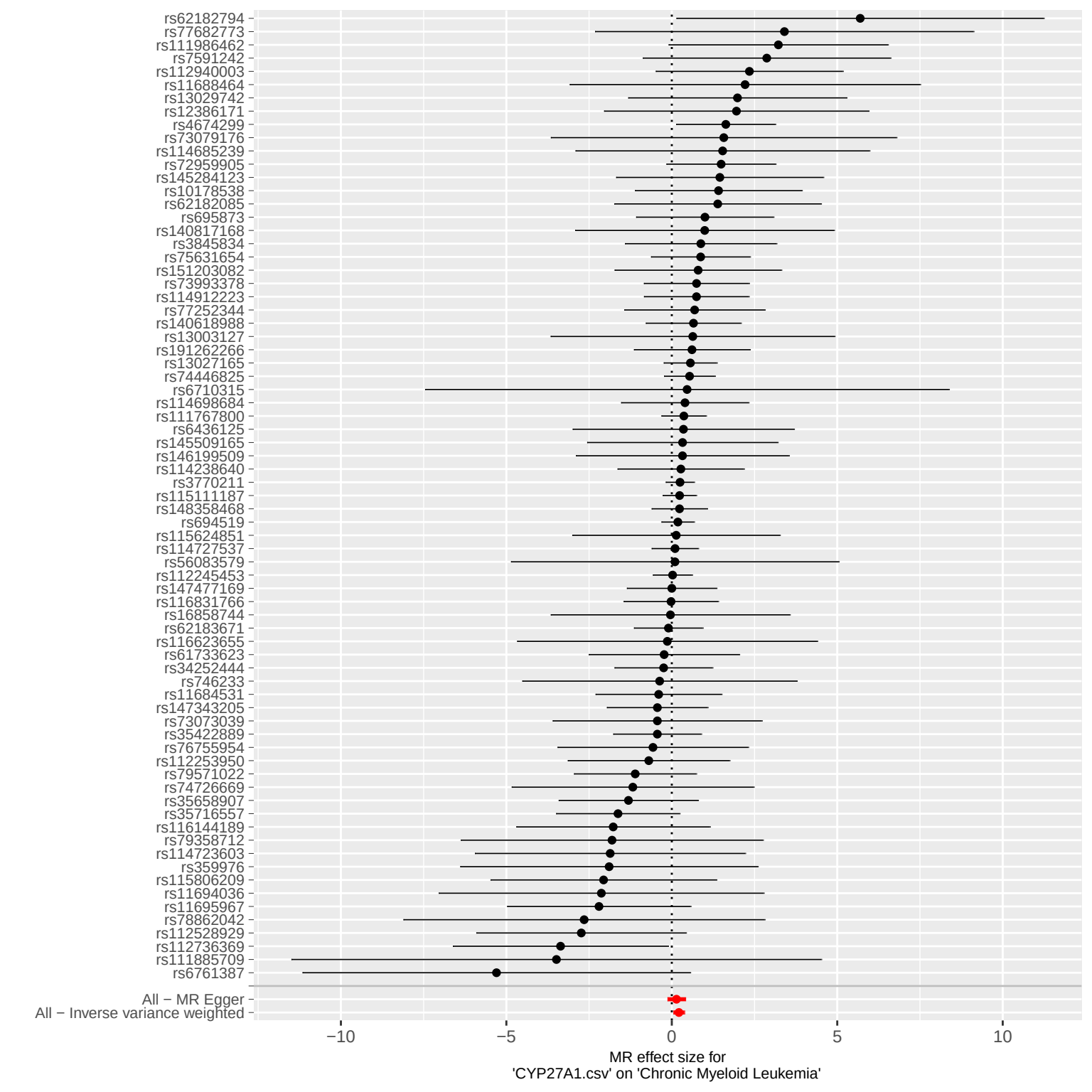
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CYP4F22.csv' on 'Chronic Myeloid Leukemia'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rs112736369
rs111885709
rs6761387
All − MR Egger
All − Inverse variance weighted
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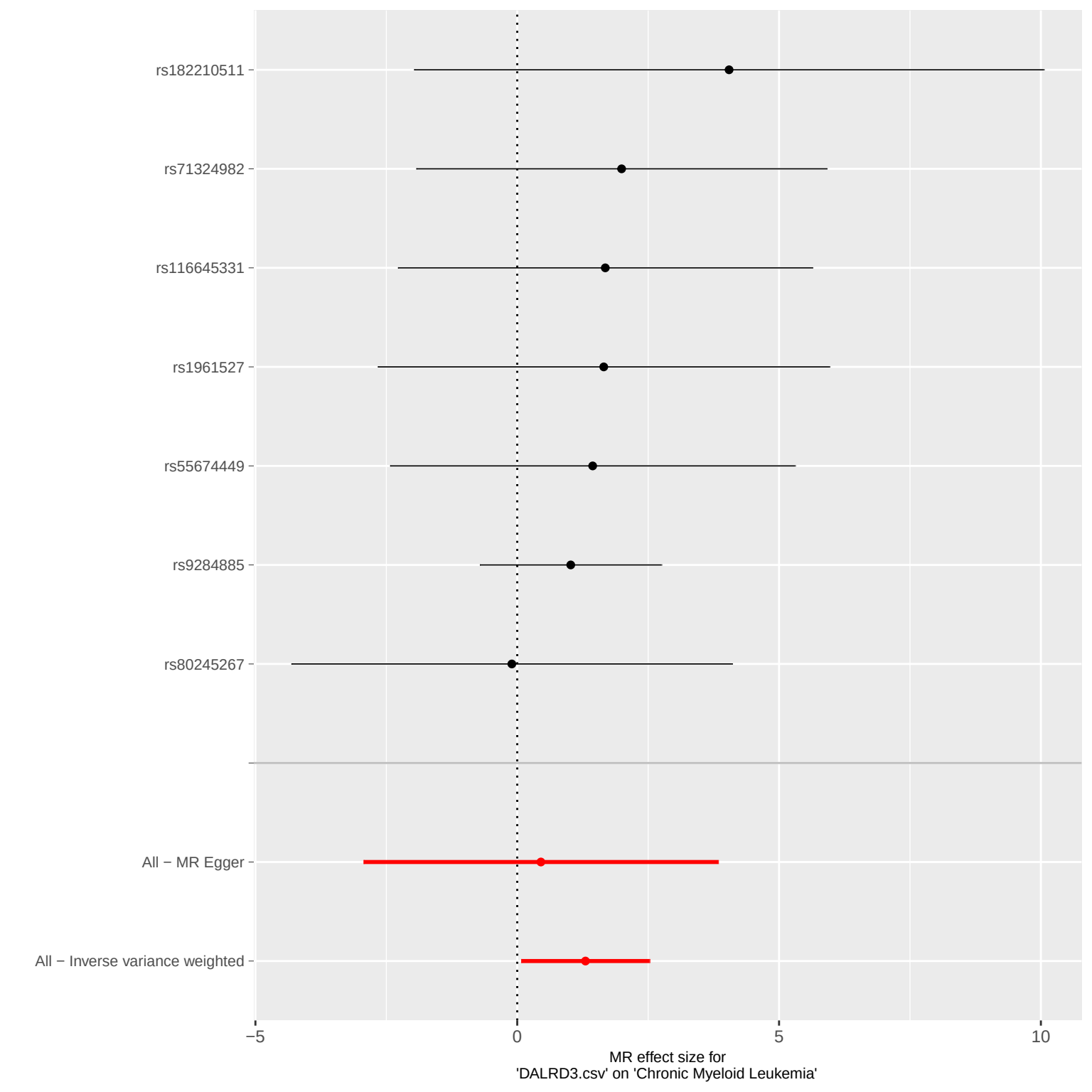
10
MR effect size for
'CYP27A1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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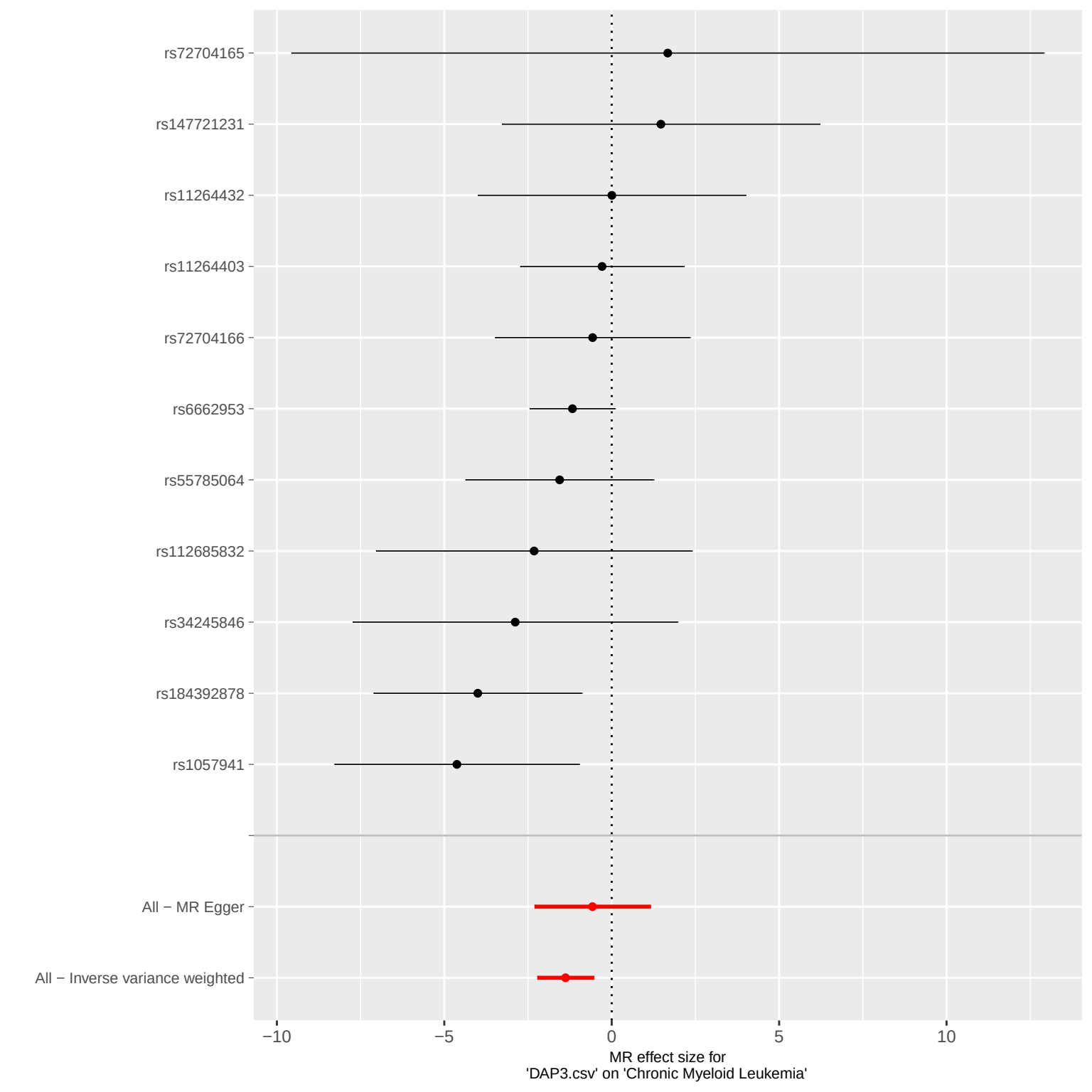
0
5
10
MR effect size for
'DALRD3.csv' on 'Chronic Myeloid Leukemia'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rs1057941
All − MR Egger
All − Inverse variance weighted
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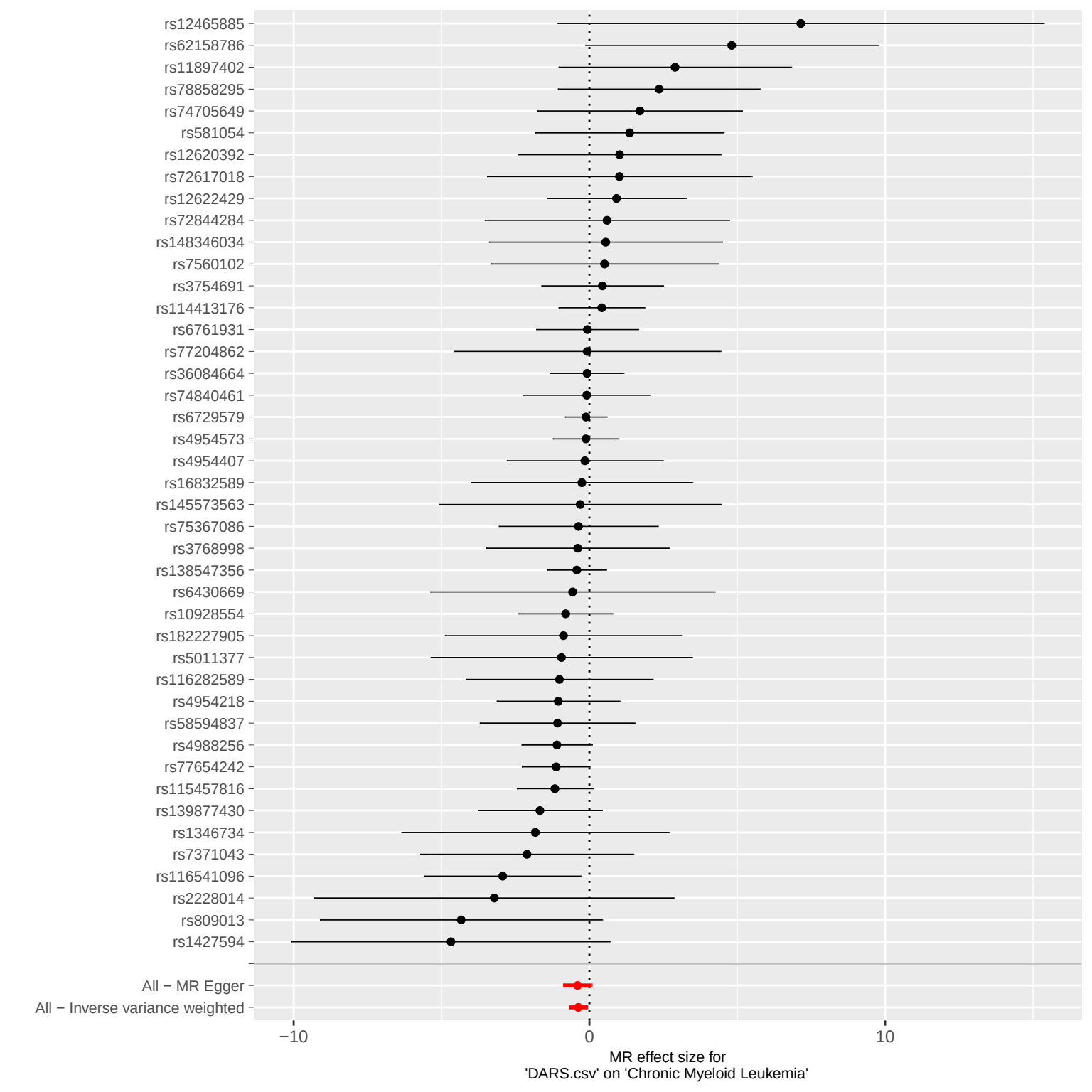
10
MR effect size for
'DAP3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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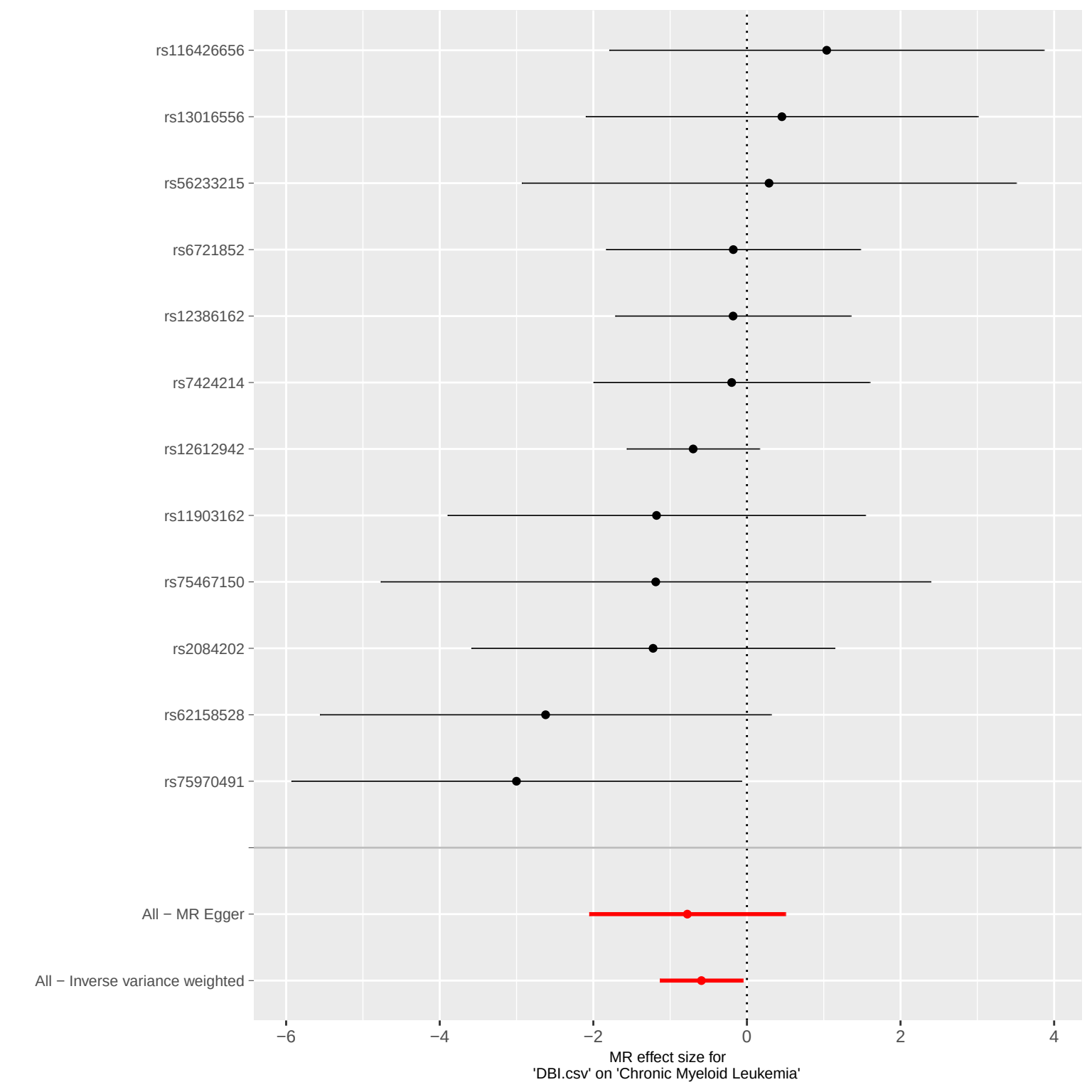
0
10
MR effect size for
'DARS.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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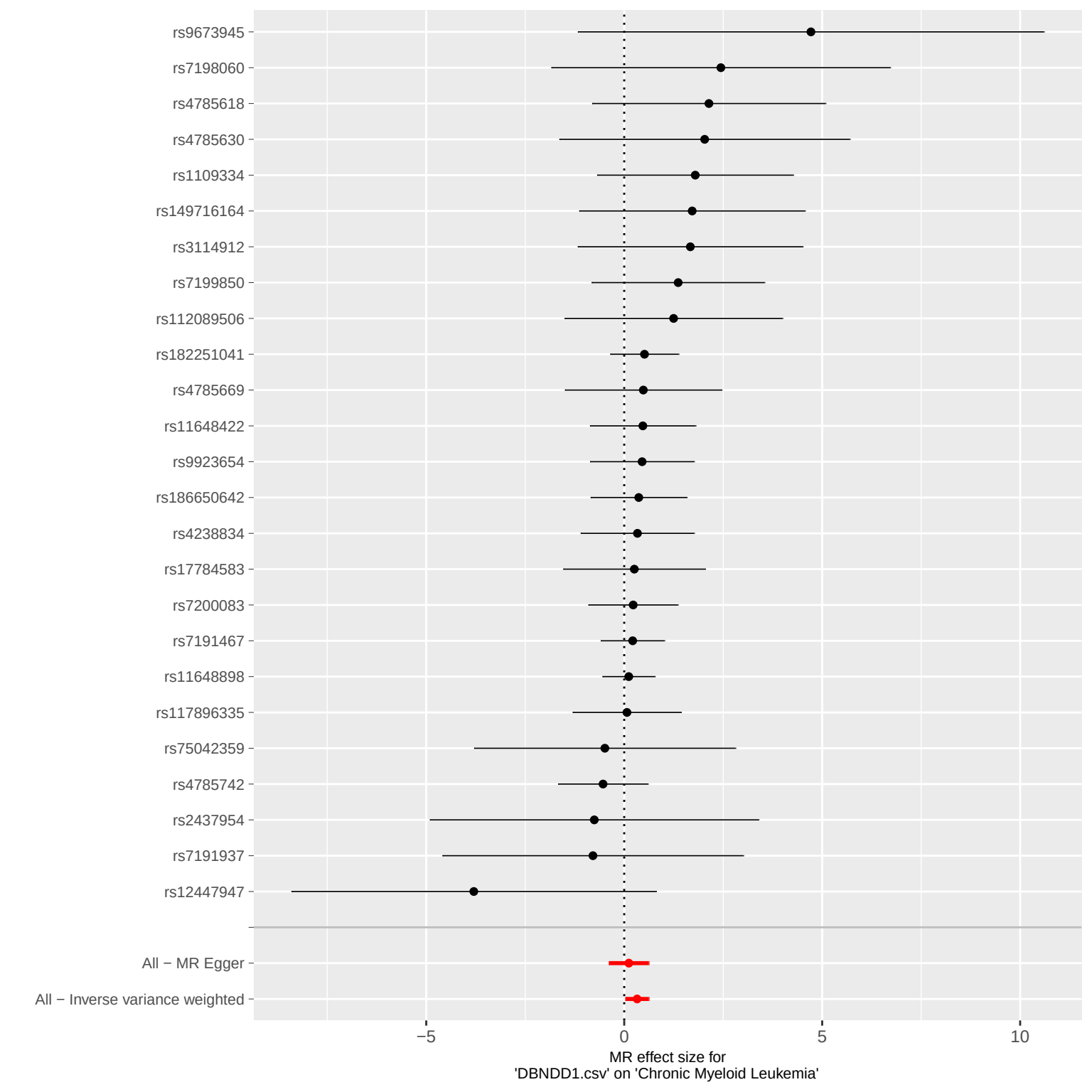
−4
−2
0
2
4
MR effect size for
'DBI.csv' on 'Chronic Myeloid Leukemia'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rs4785742
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rs7191937
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All − MR Egger
All − Inverse variance weighted
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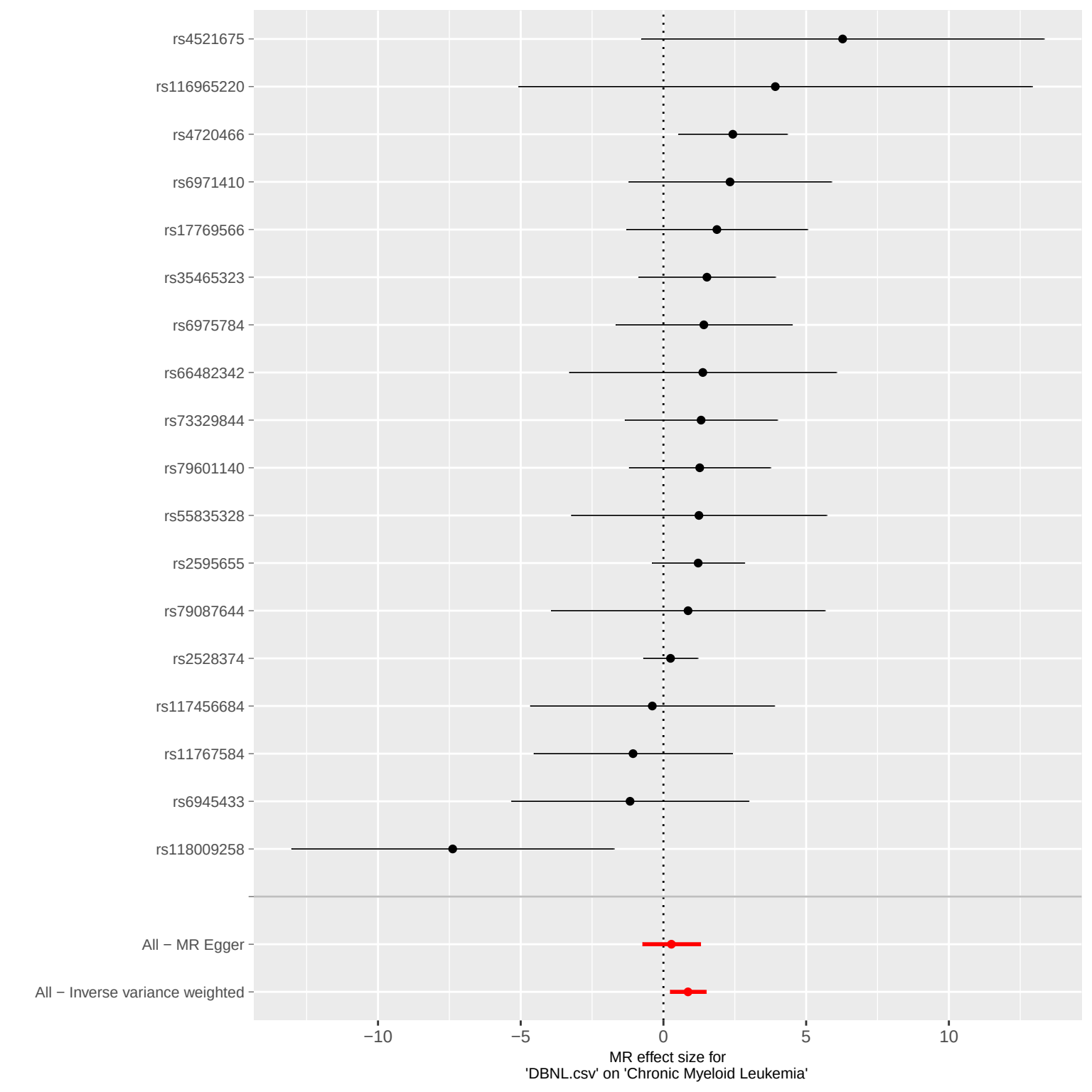
MR effect size for
'DBNDD1.csv' on 'Chronic Myeloid Leukemia'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rs79087644
rs2528374
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rs6945433
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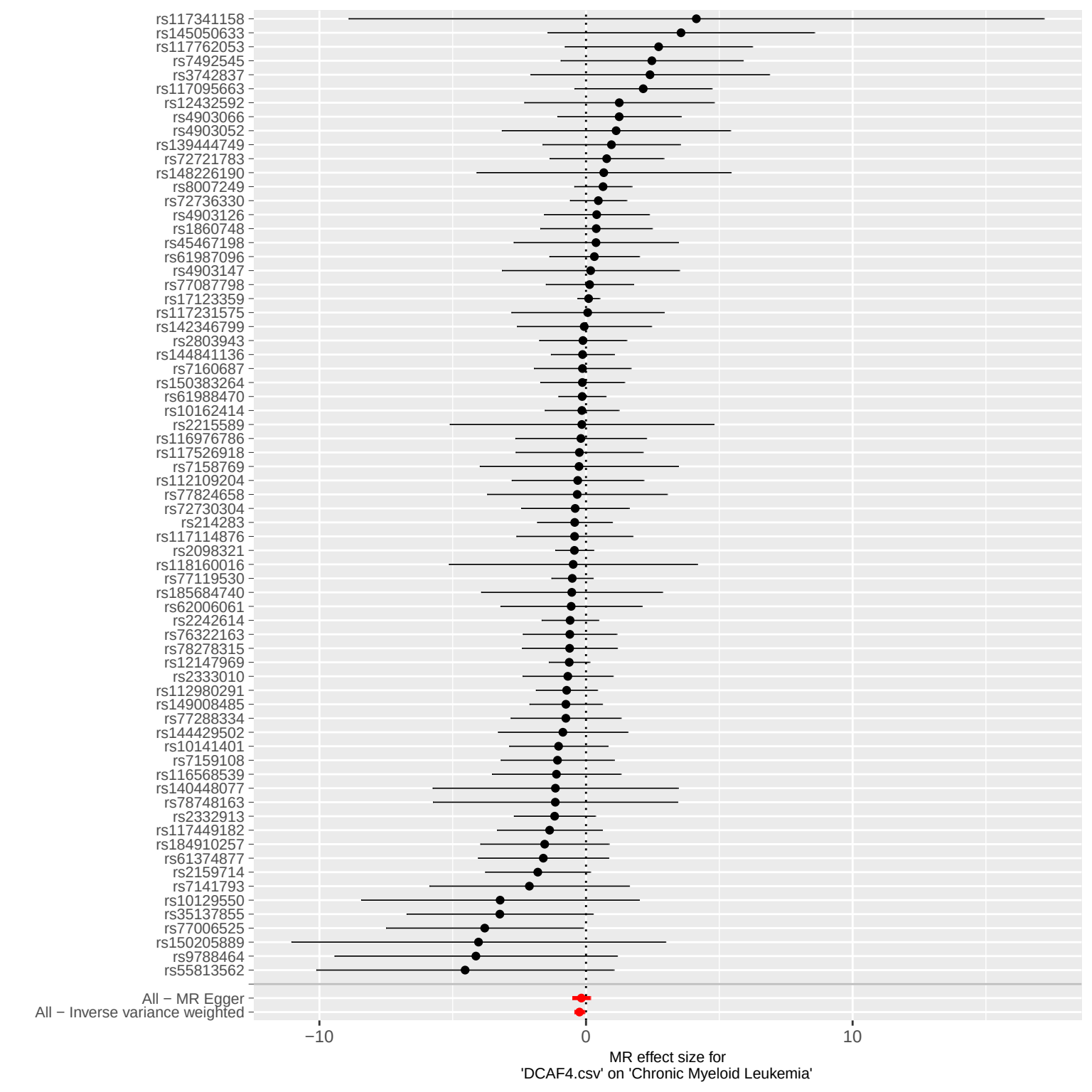
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'DBNL.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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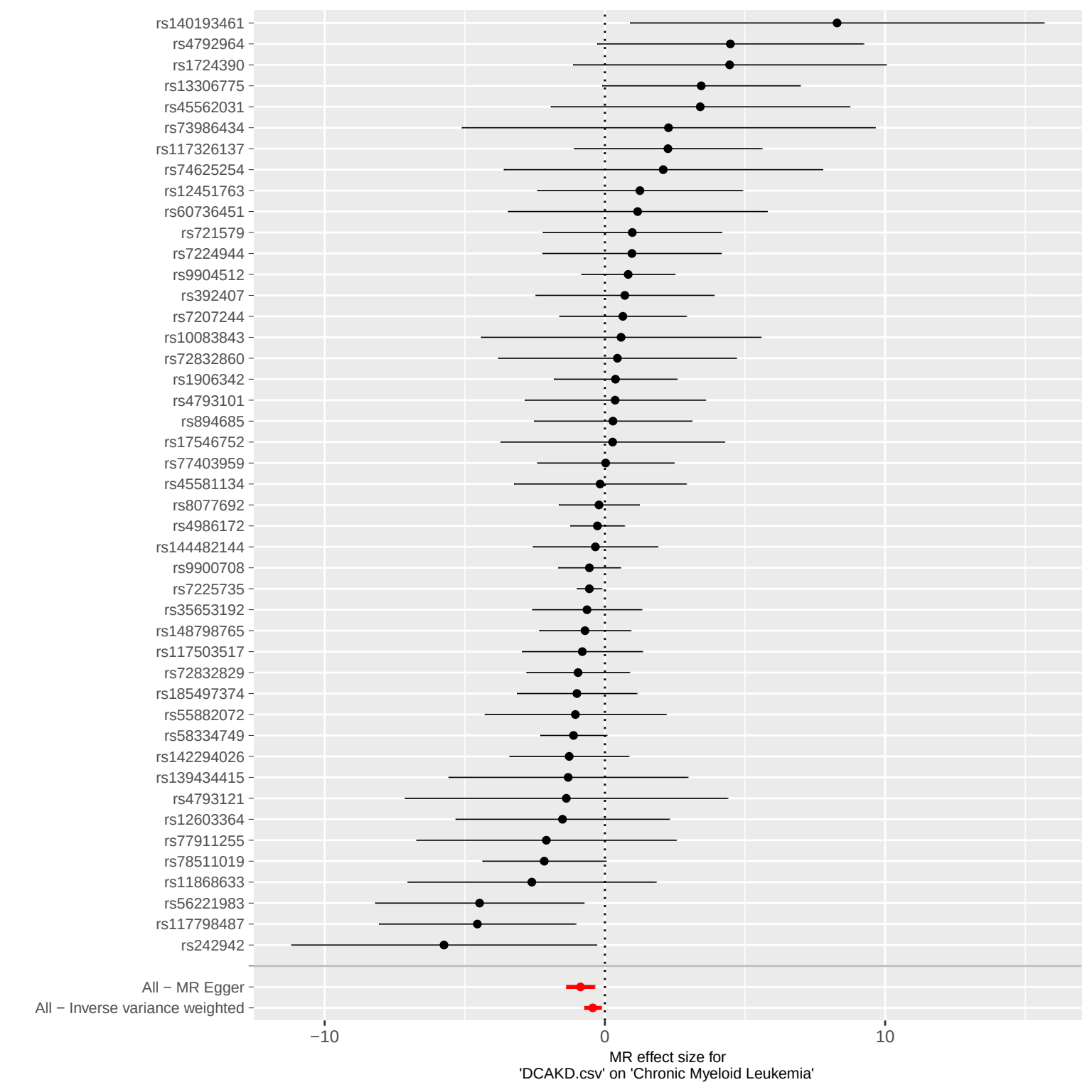
MR effect size for
'DCAF4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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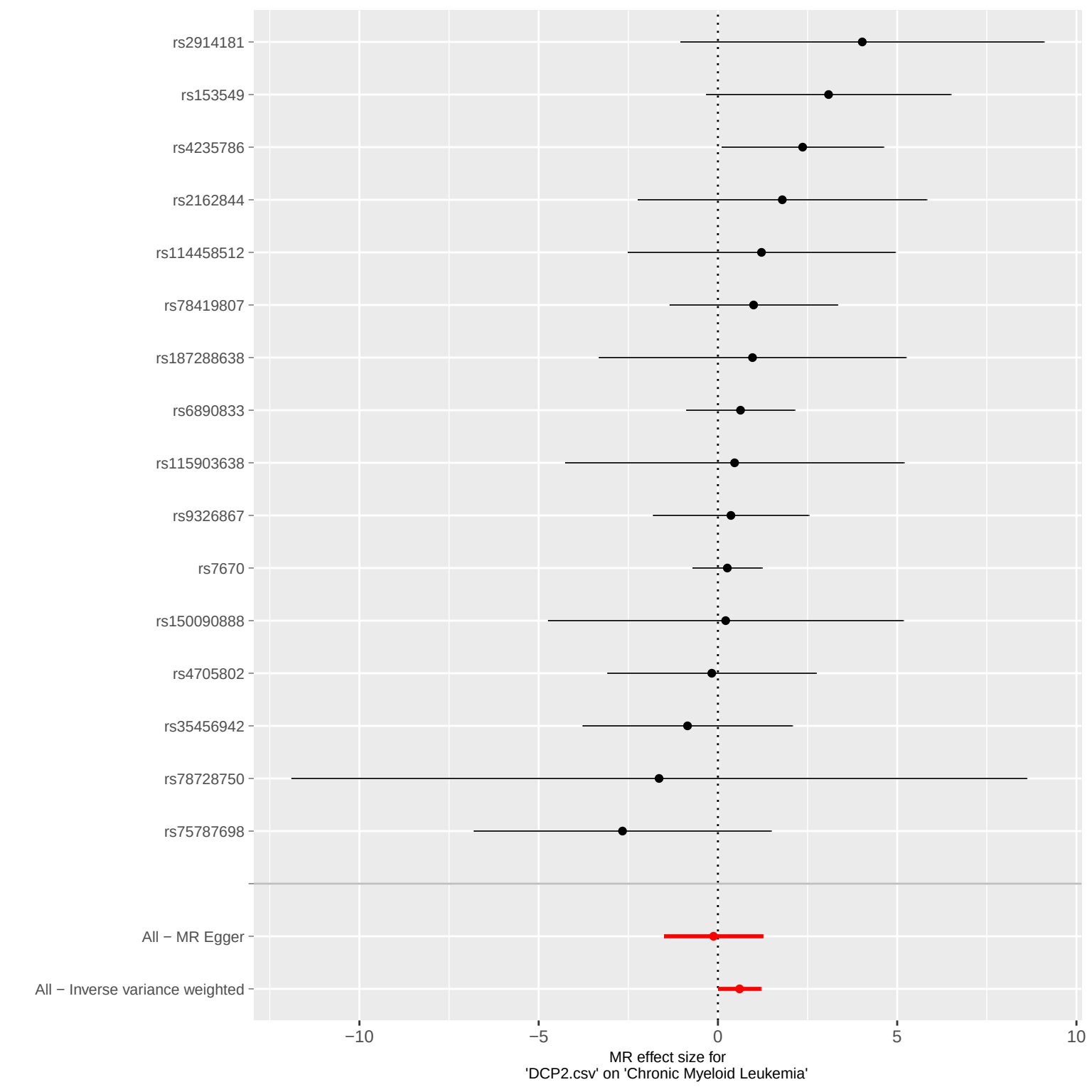
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All − MR Egger
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MR effect size for
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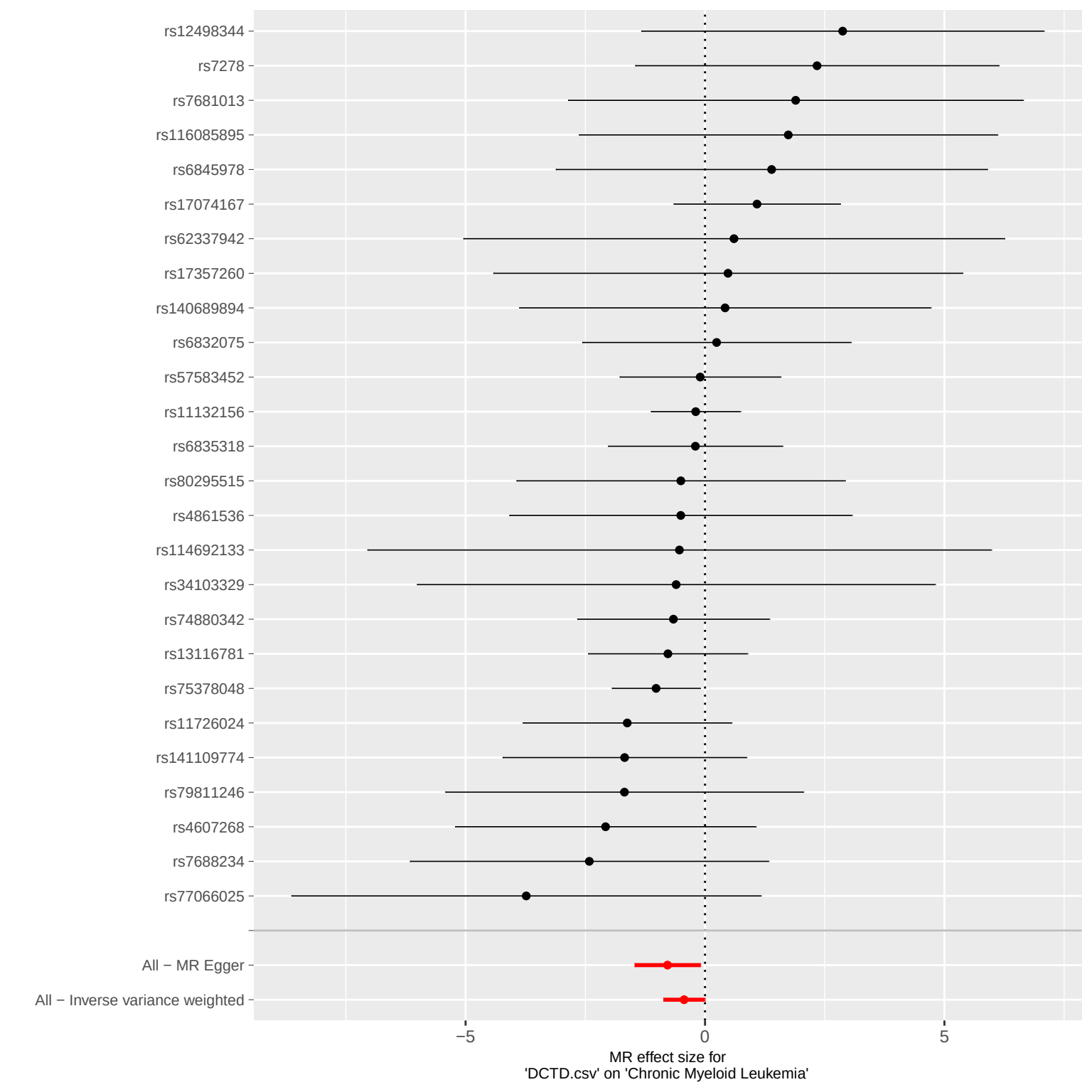
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rs4607268
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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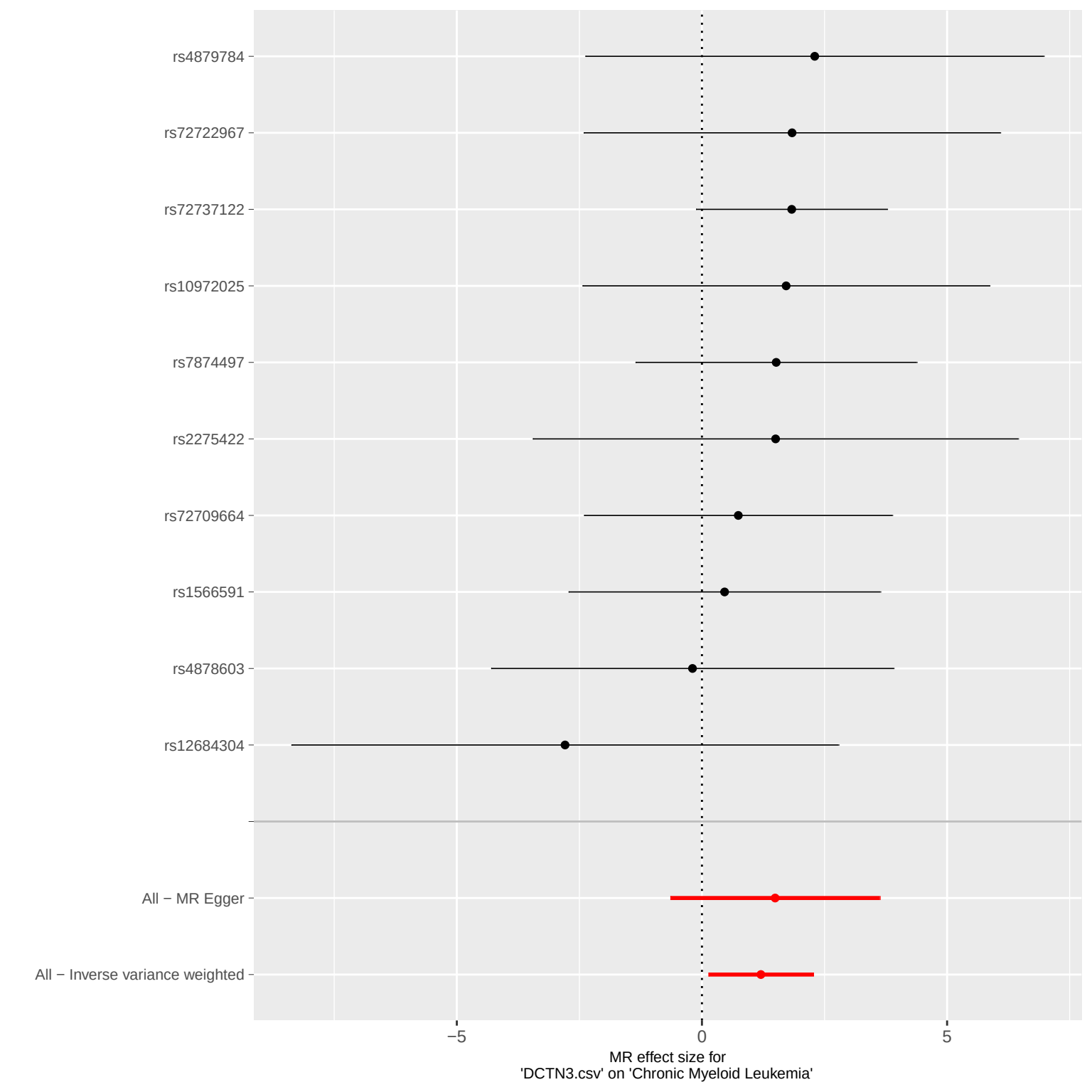
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All − Inverse variance weighted
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MR effect size for
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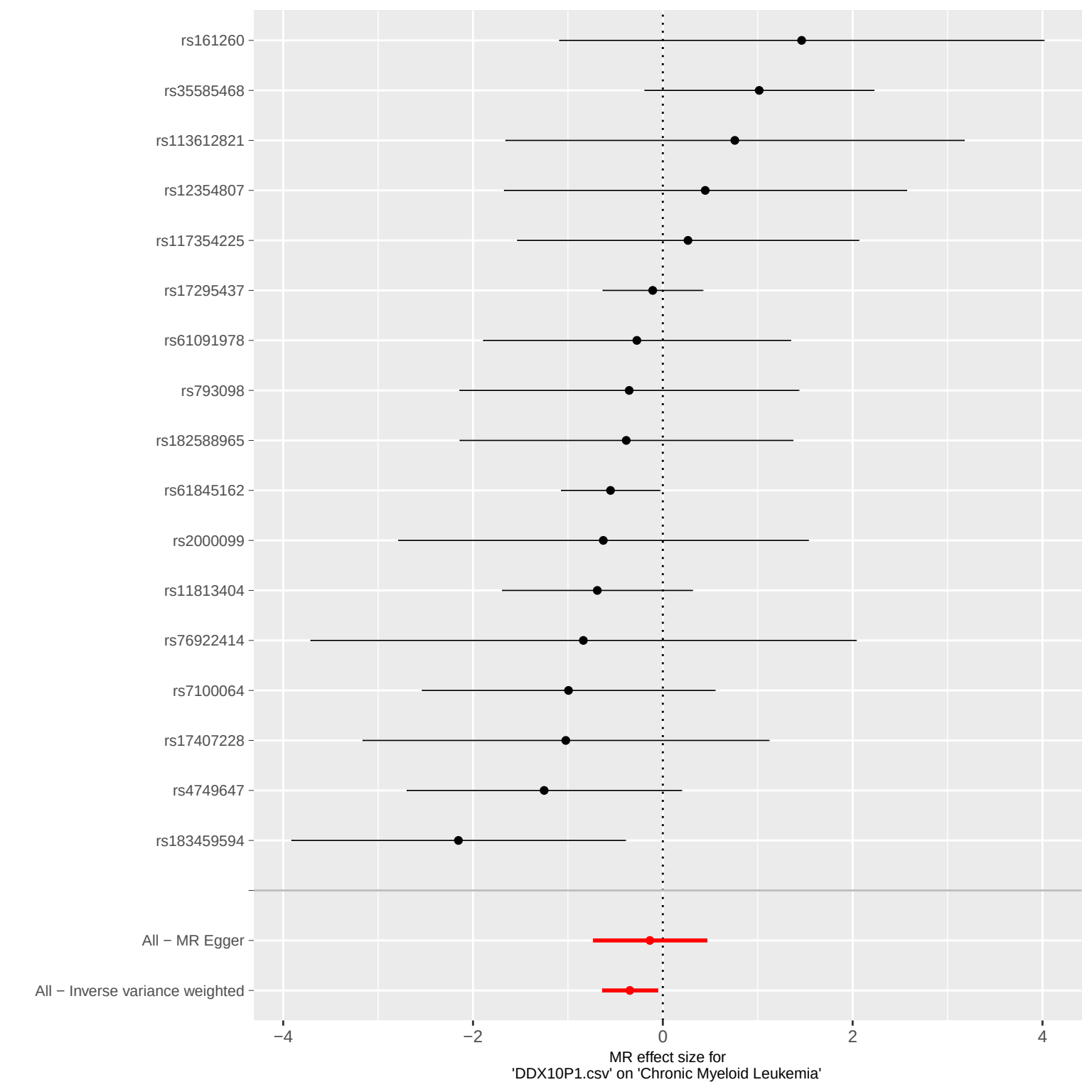
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rs183459594
All − MR Egger
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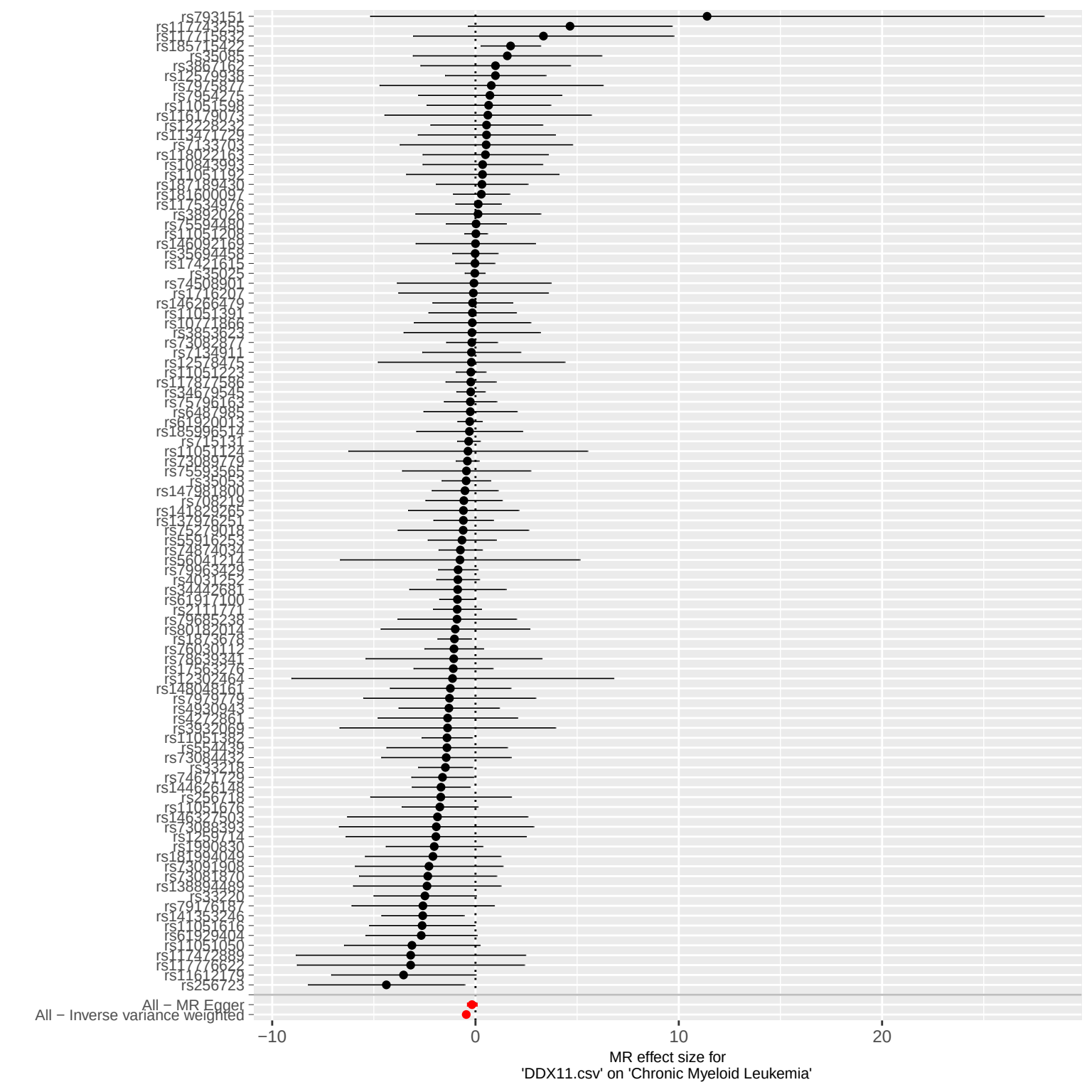
MR effect size for
'DDX10P1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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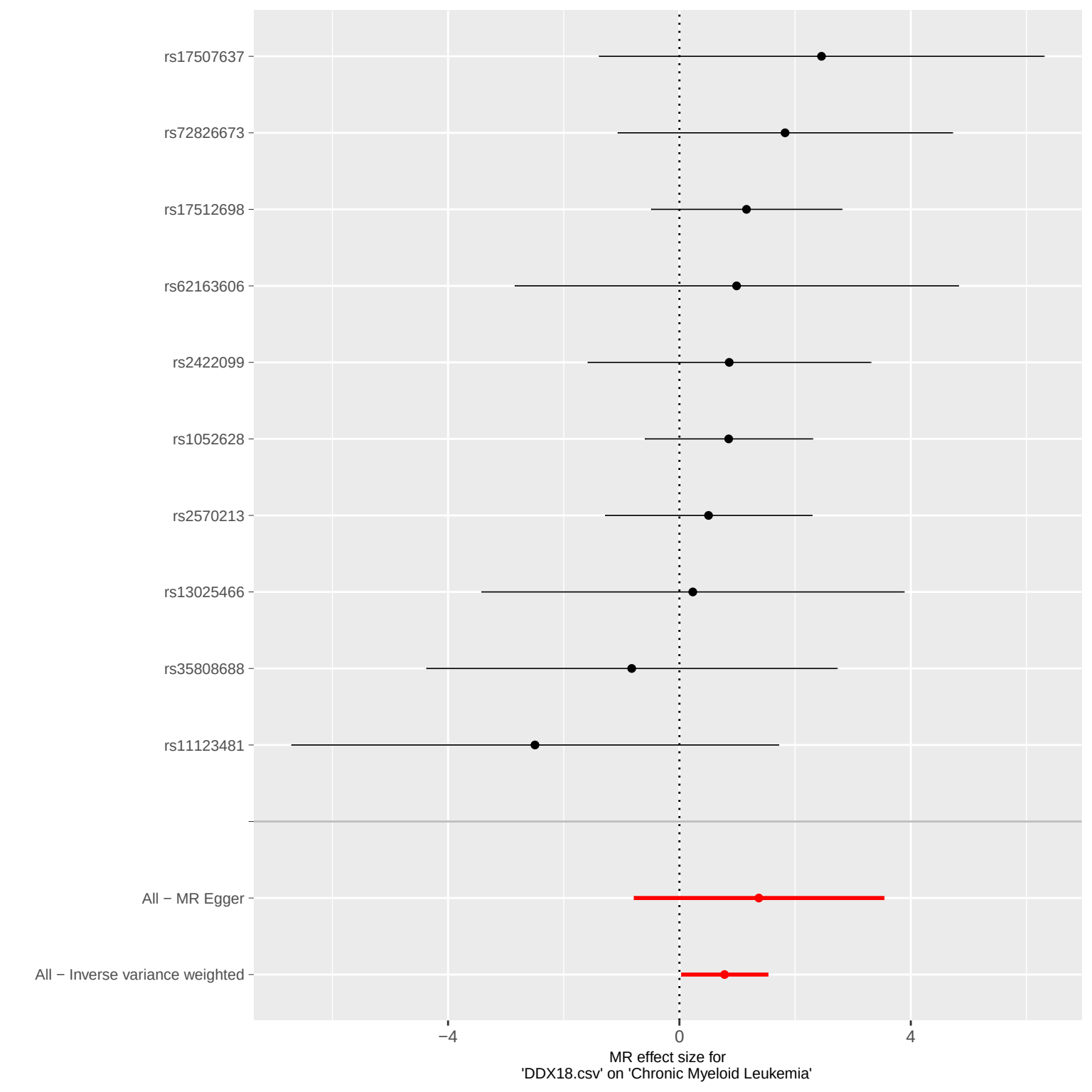
MR effect size for
'DDX11.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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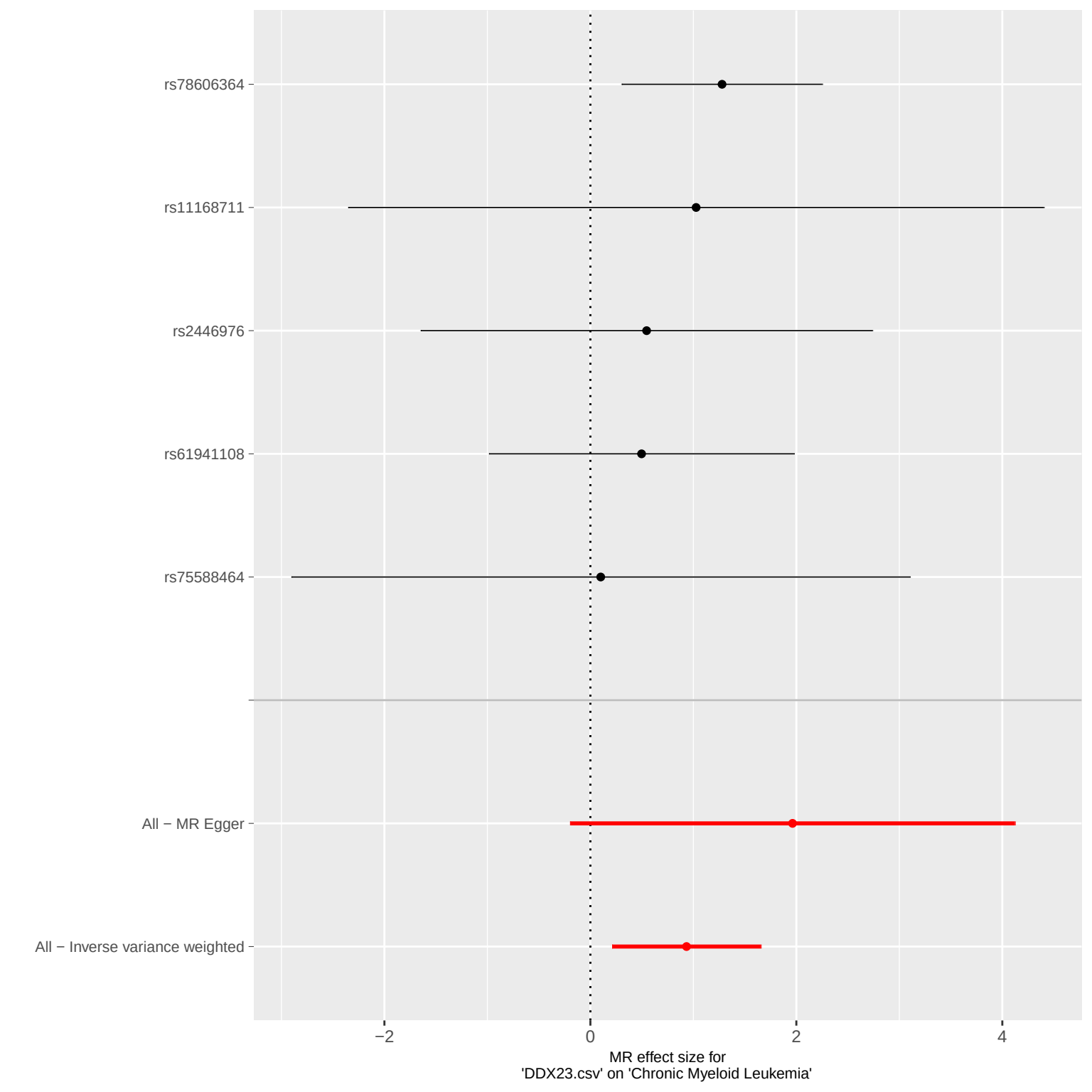
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MR effect size for
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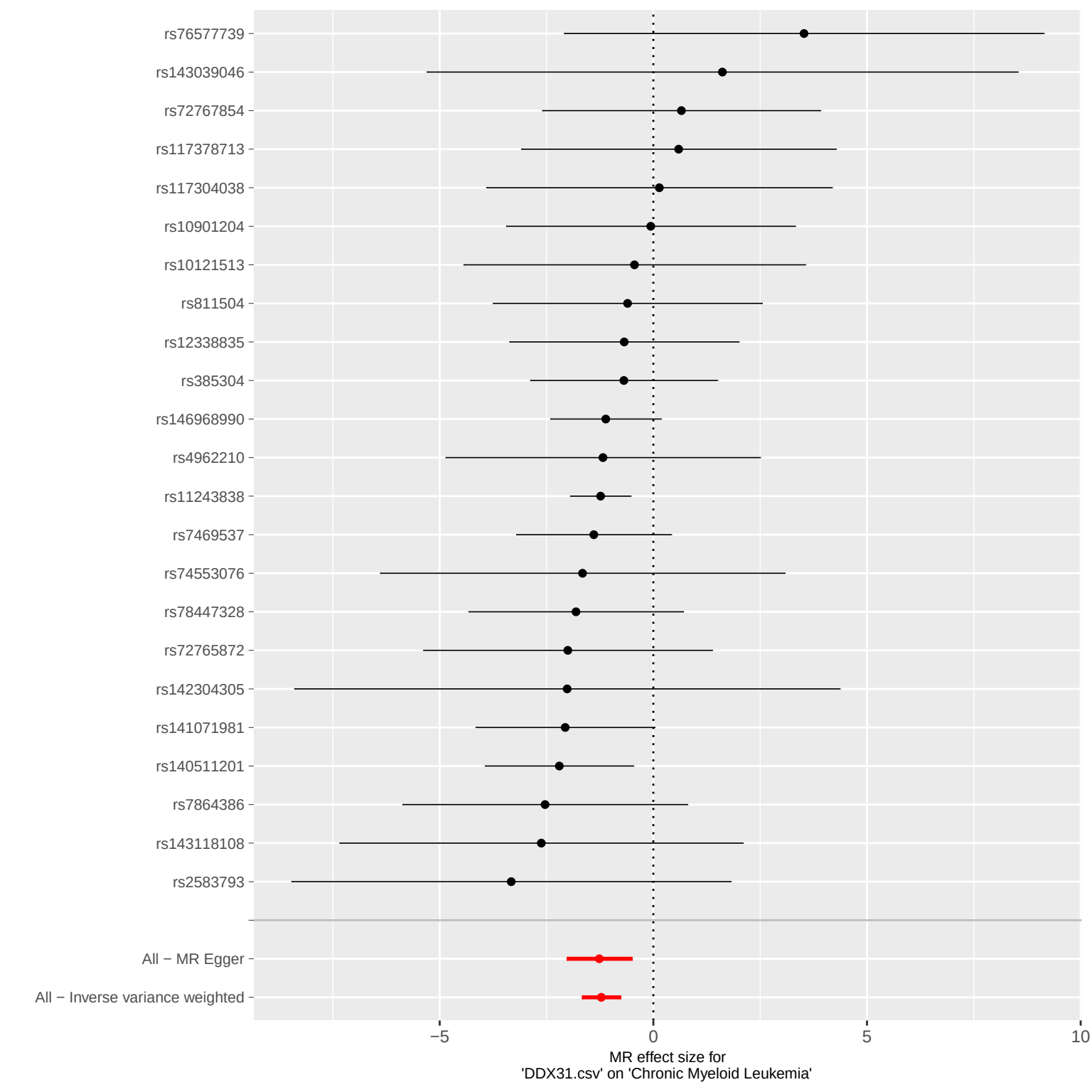
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All − Inverse variance weighted
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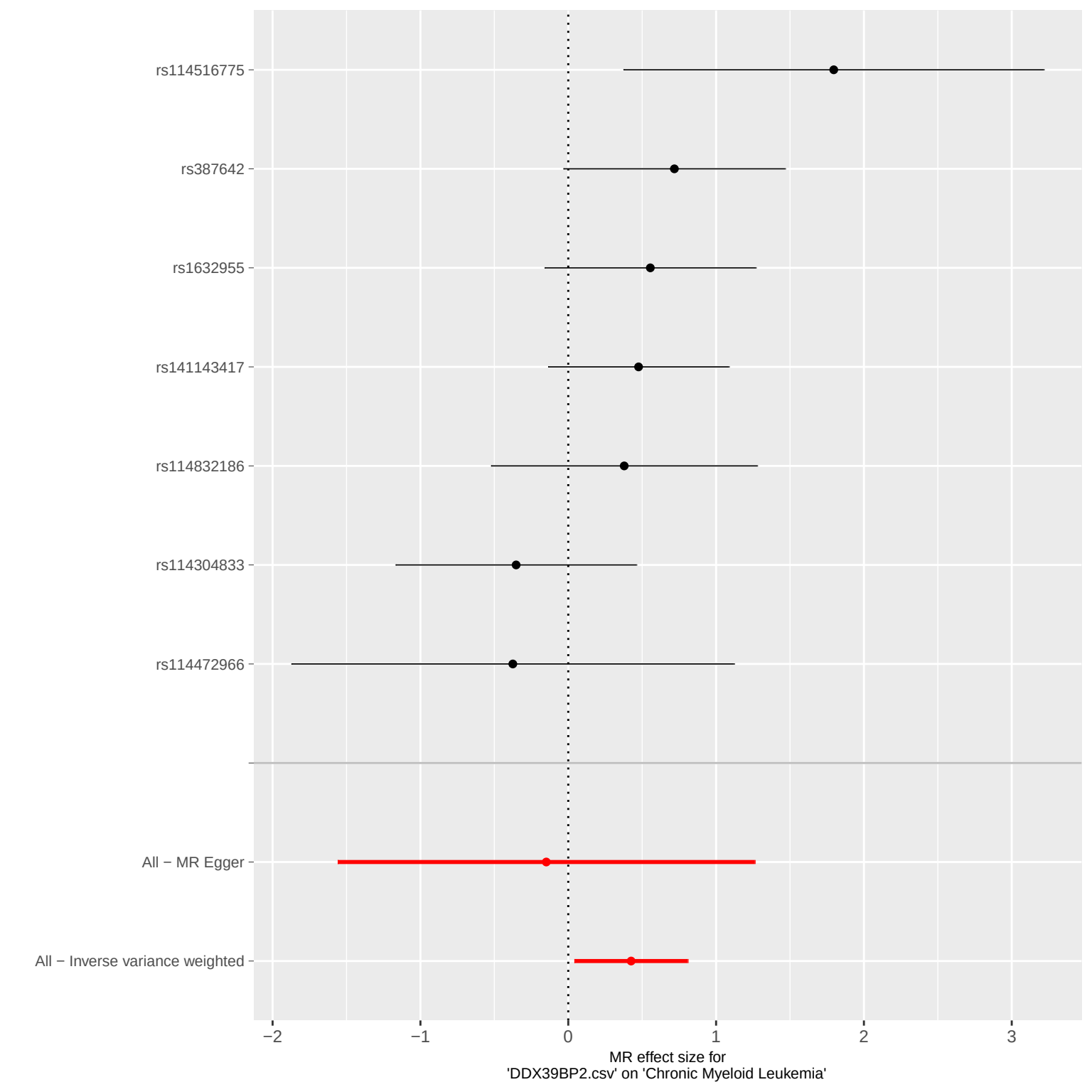
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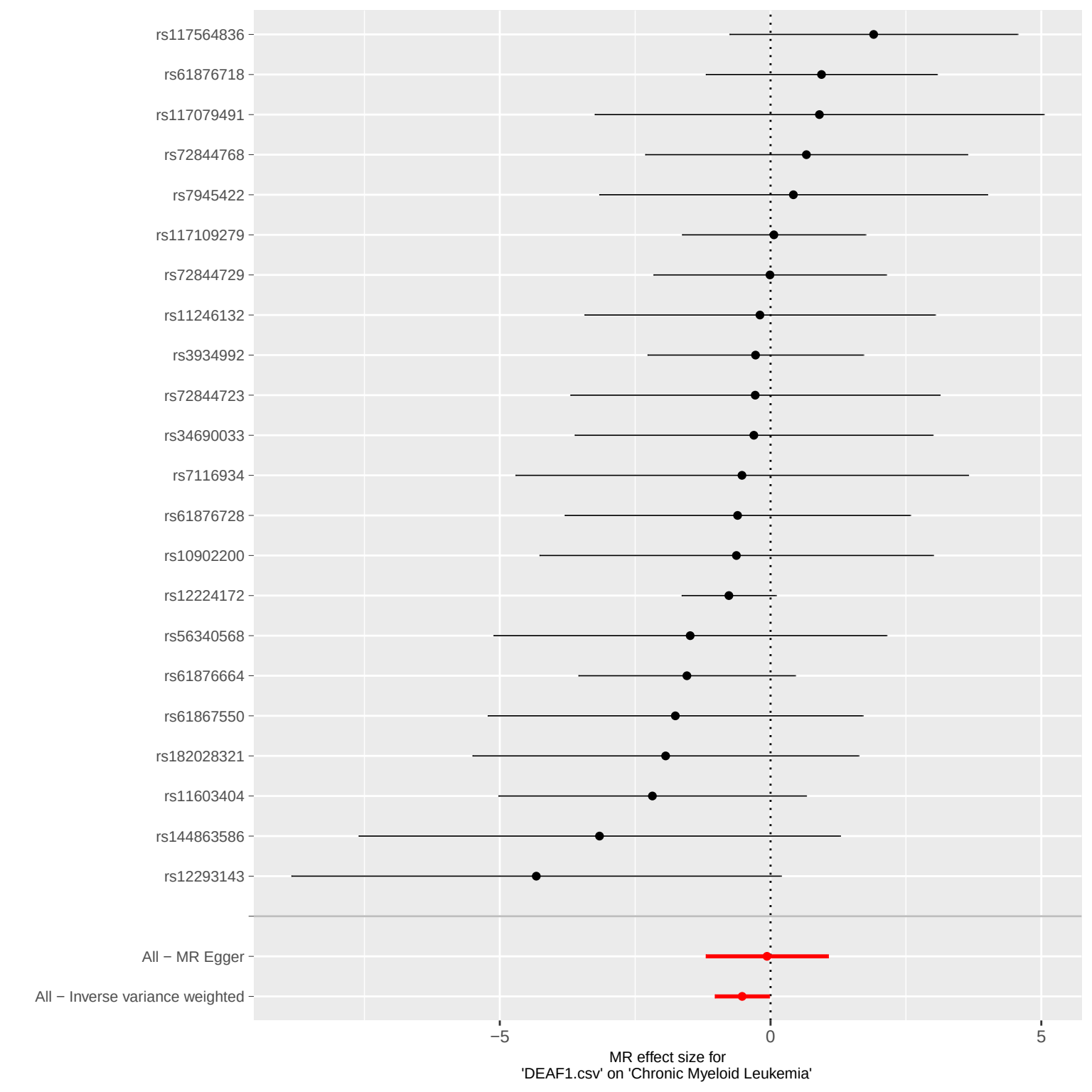
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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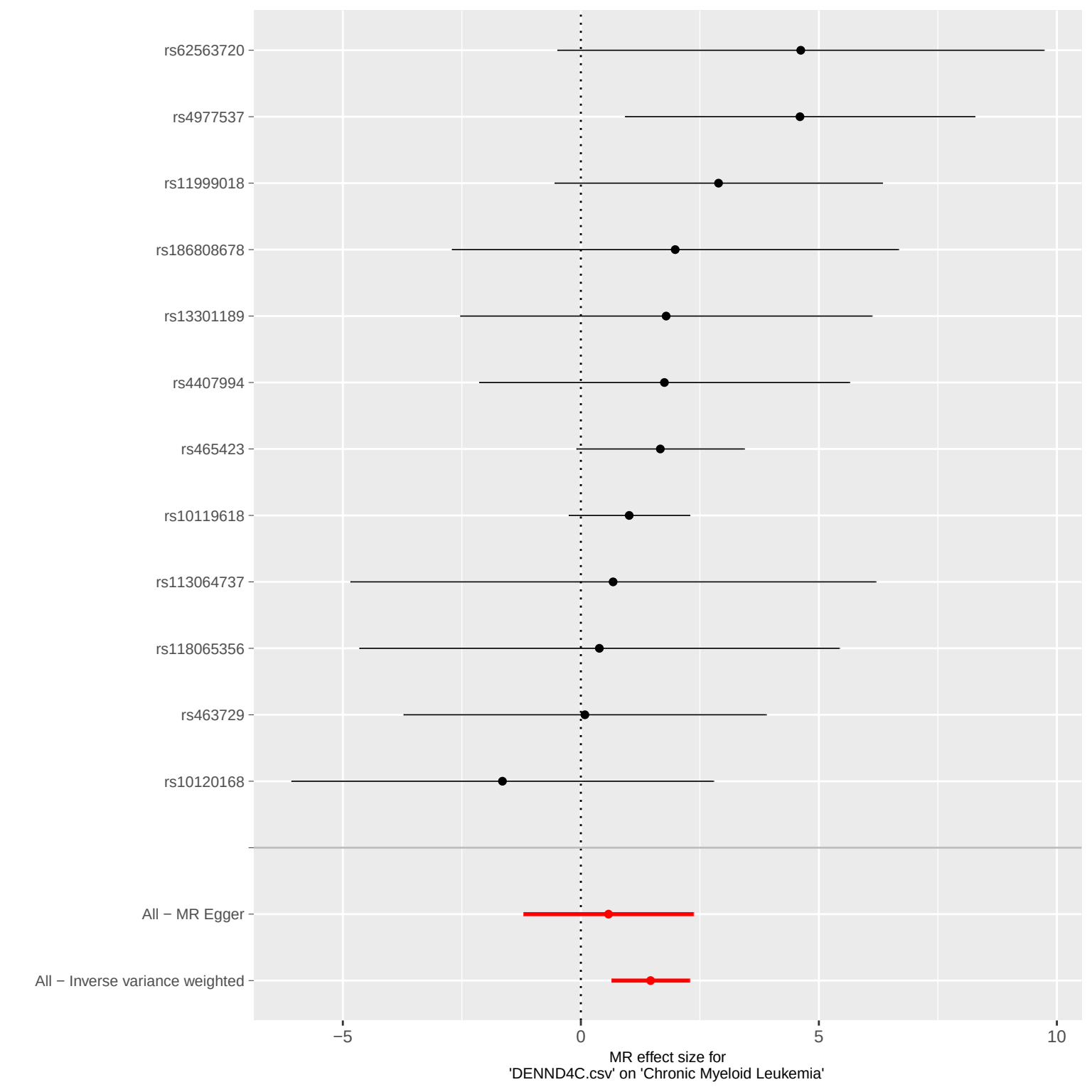
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All − Inverse variance weighted
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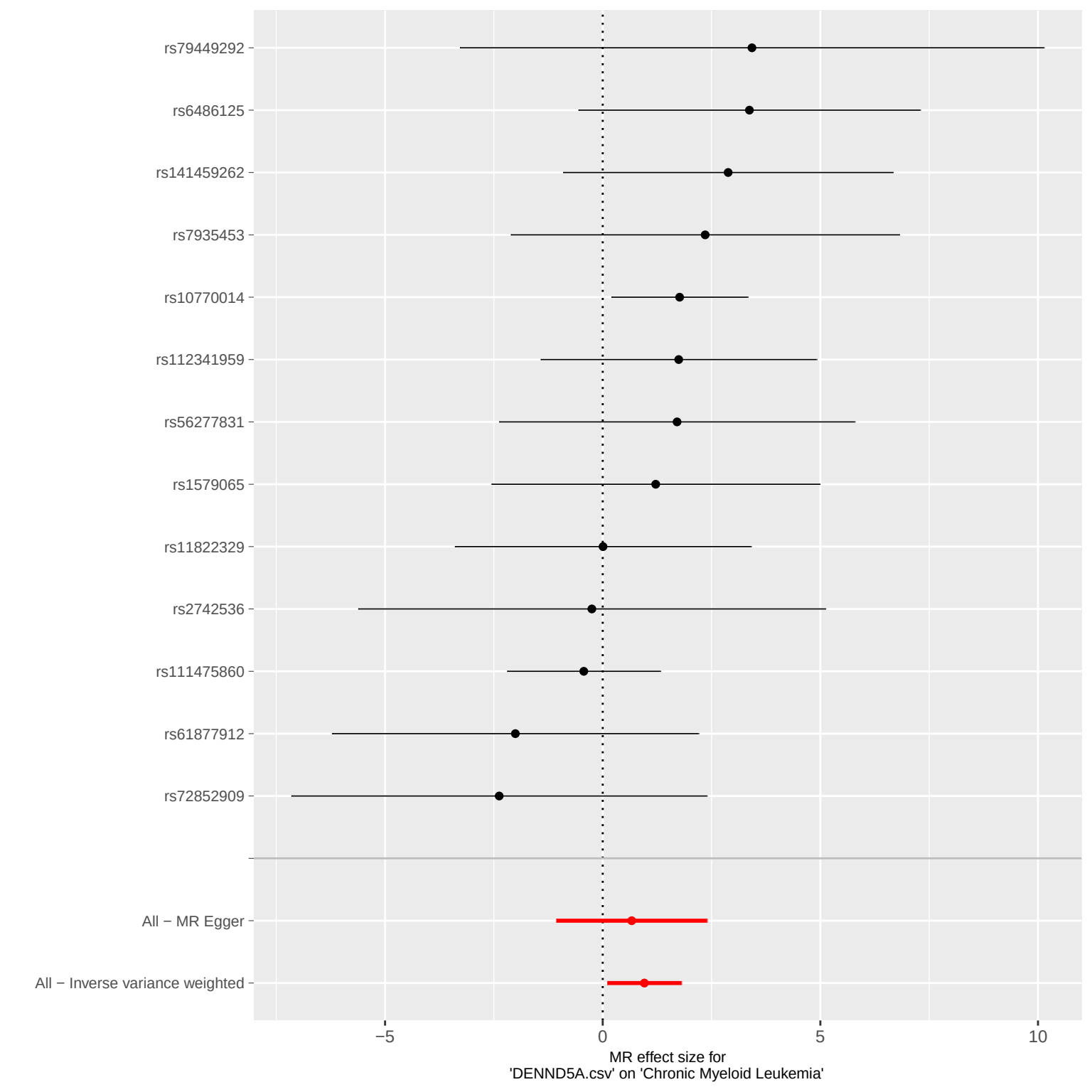
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All − MR Egger
All − Inverse variance weighted
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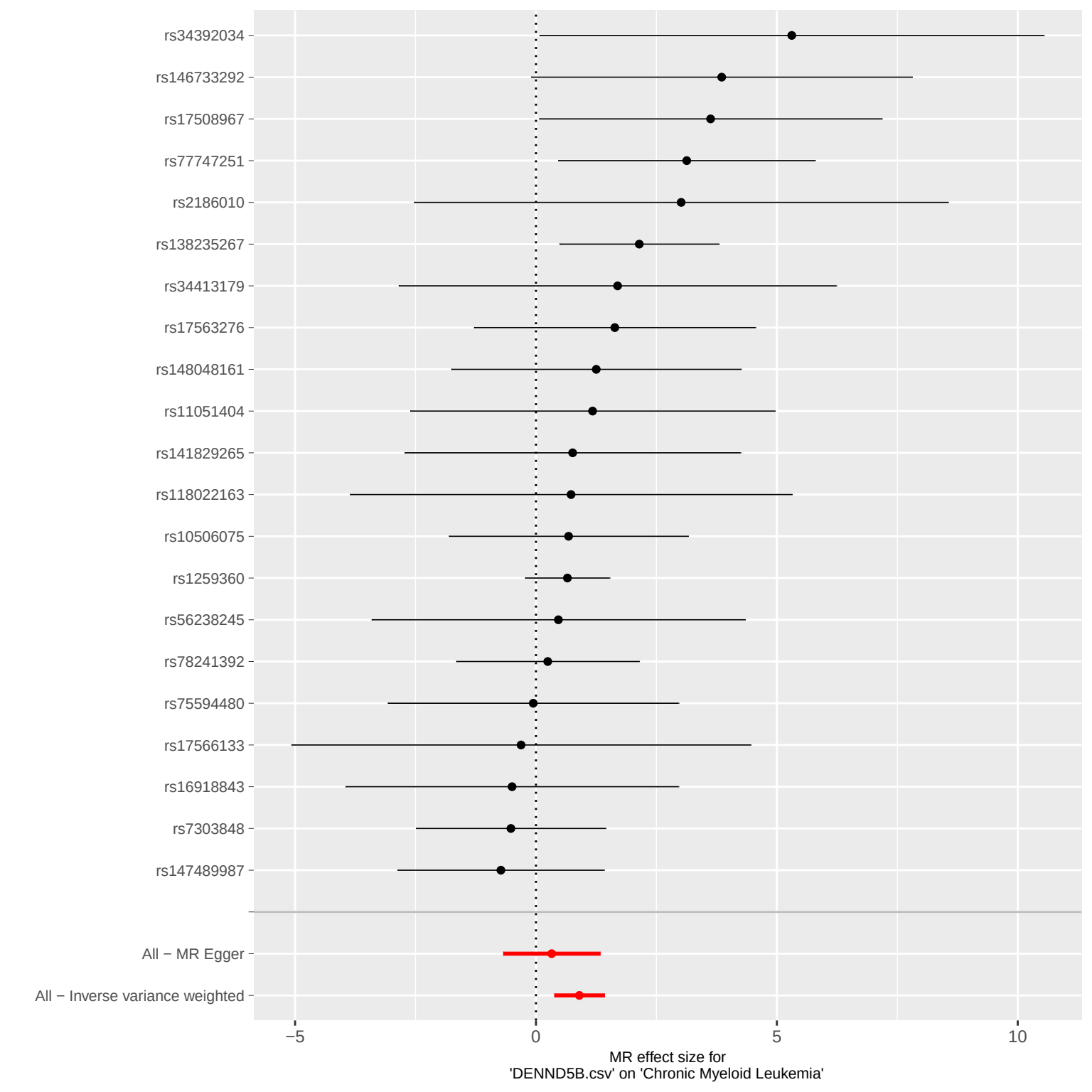
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rs56238245
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All − Inverse variance weighted
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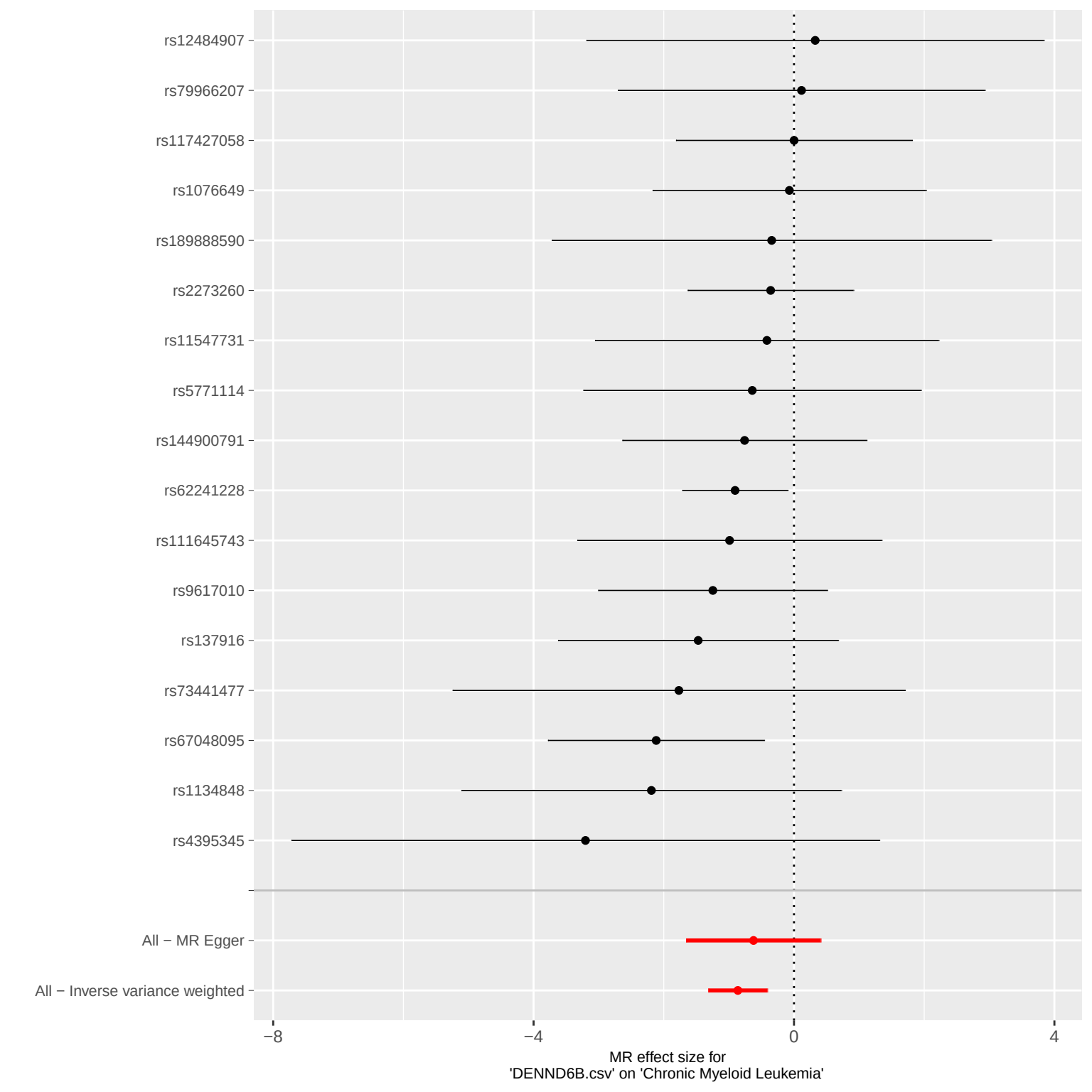
MR effect size for
'DENND5B.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
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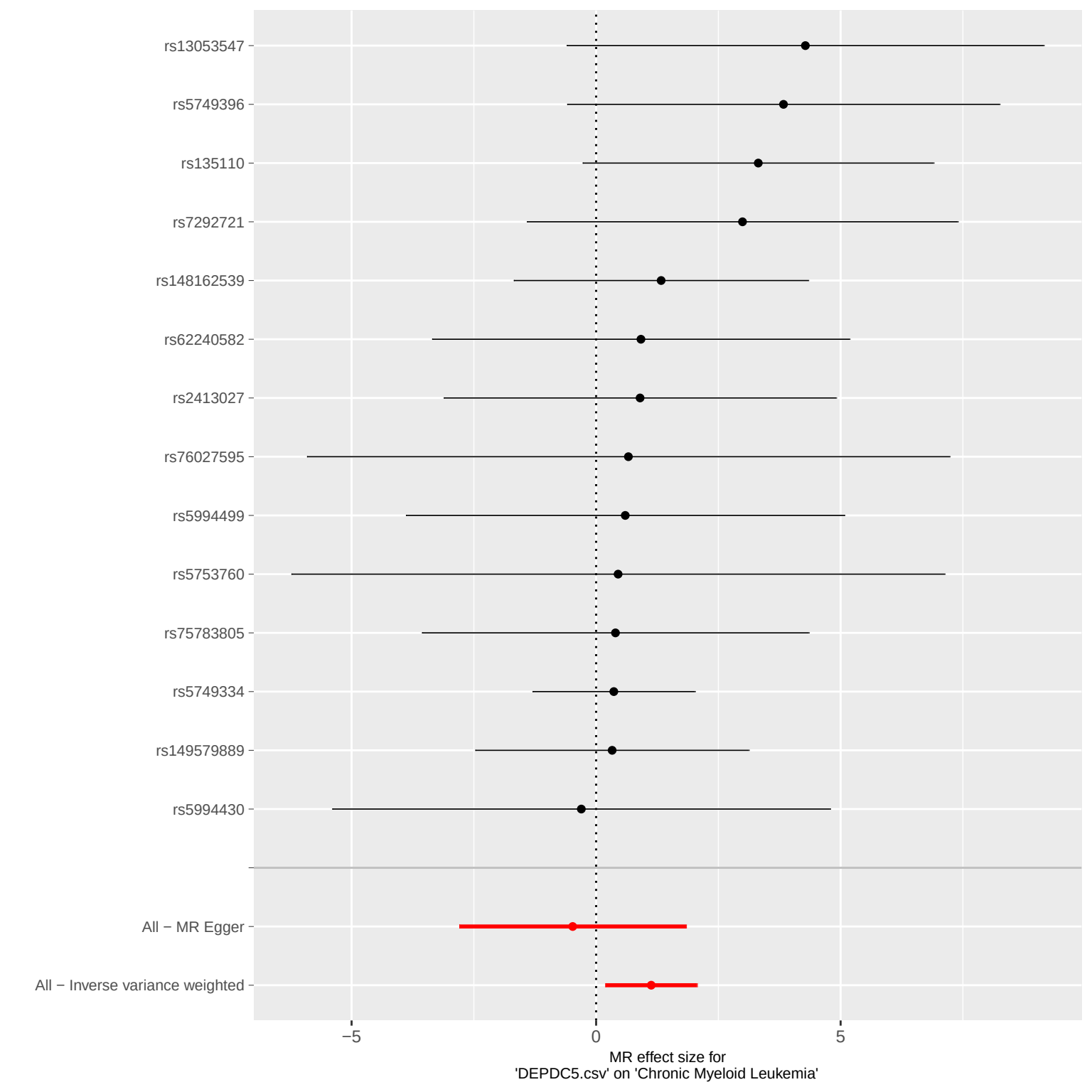
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All − Inverse variance weighted
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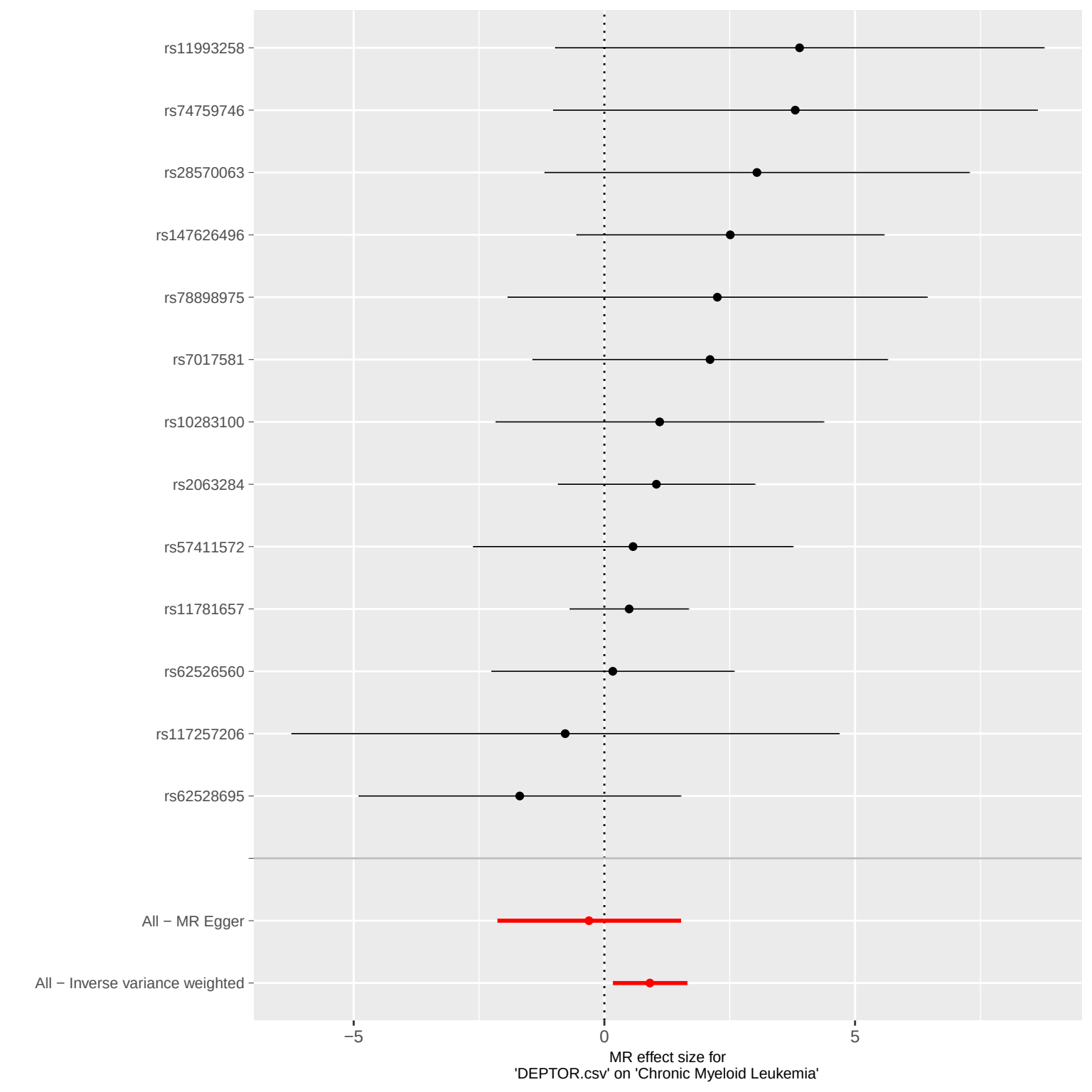
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All − Inverse variance weighted
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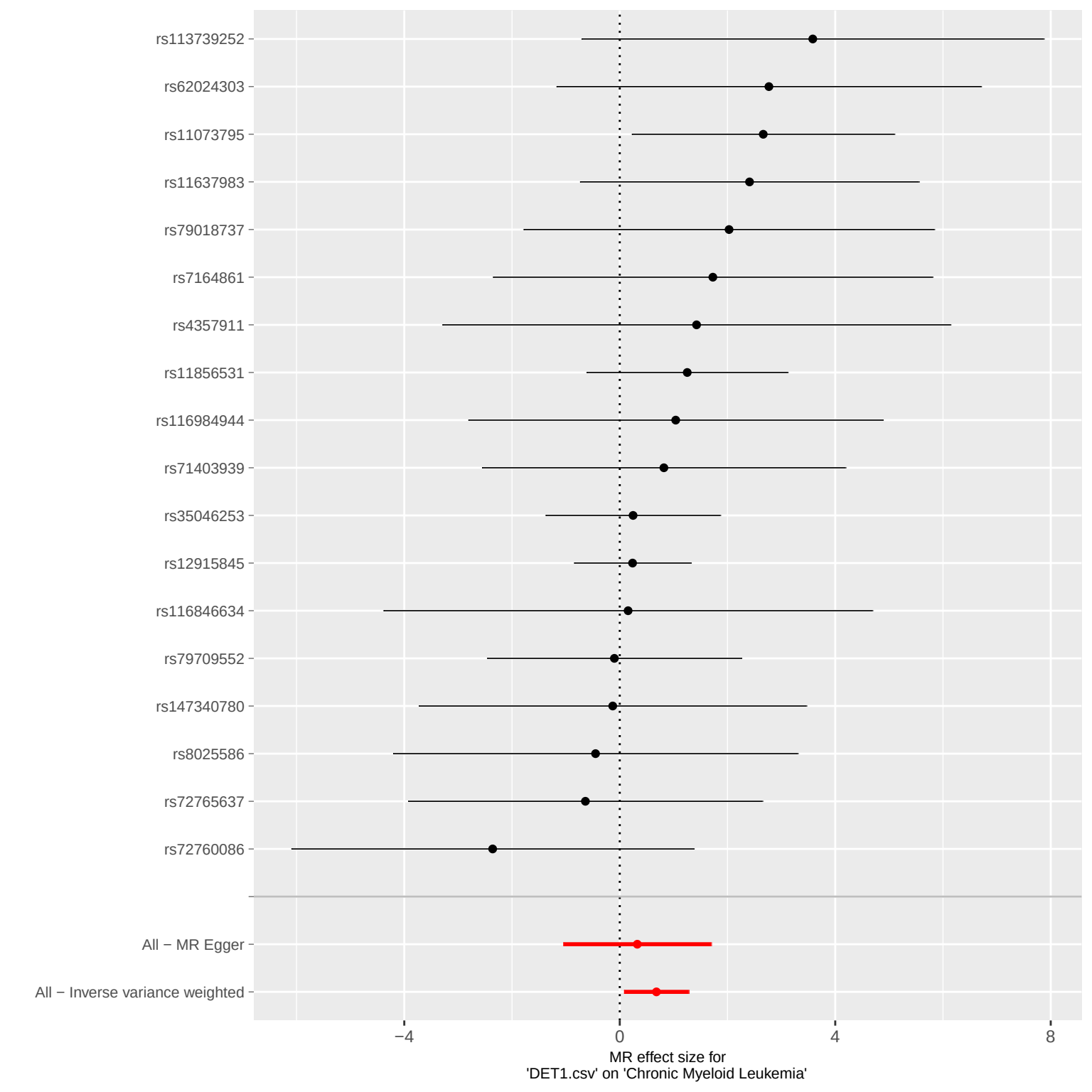
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All − Inverse variance weighted
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MR effect size for
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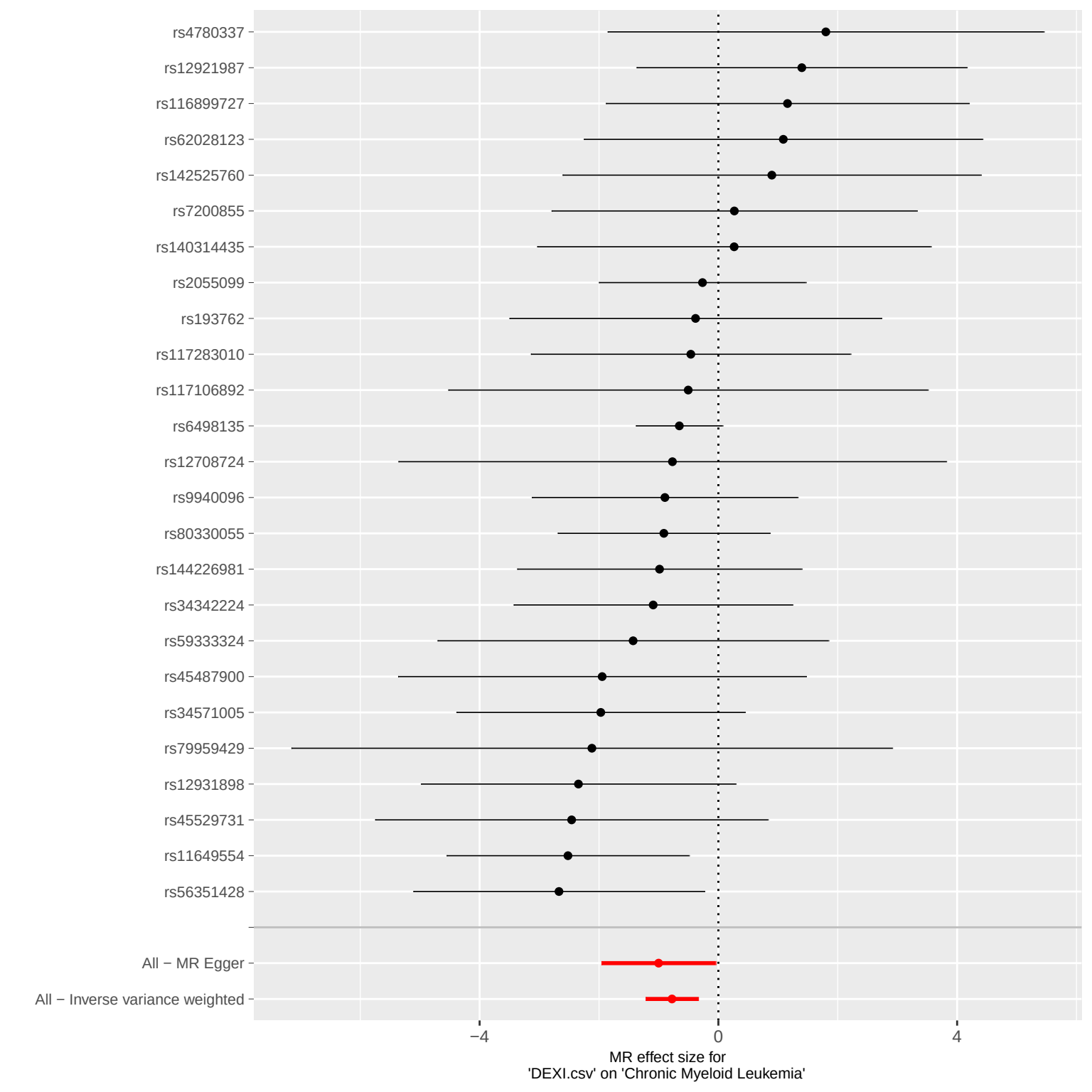
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All − MR Egger
All − Inverse variance weighted
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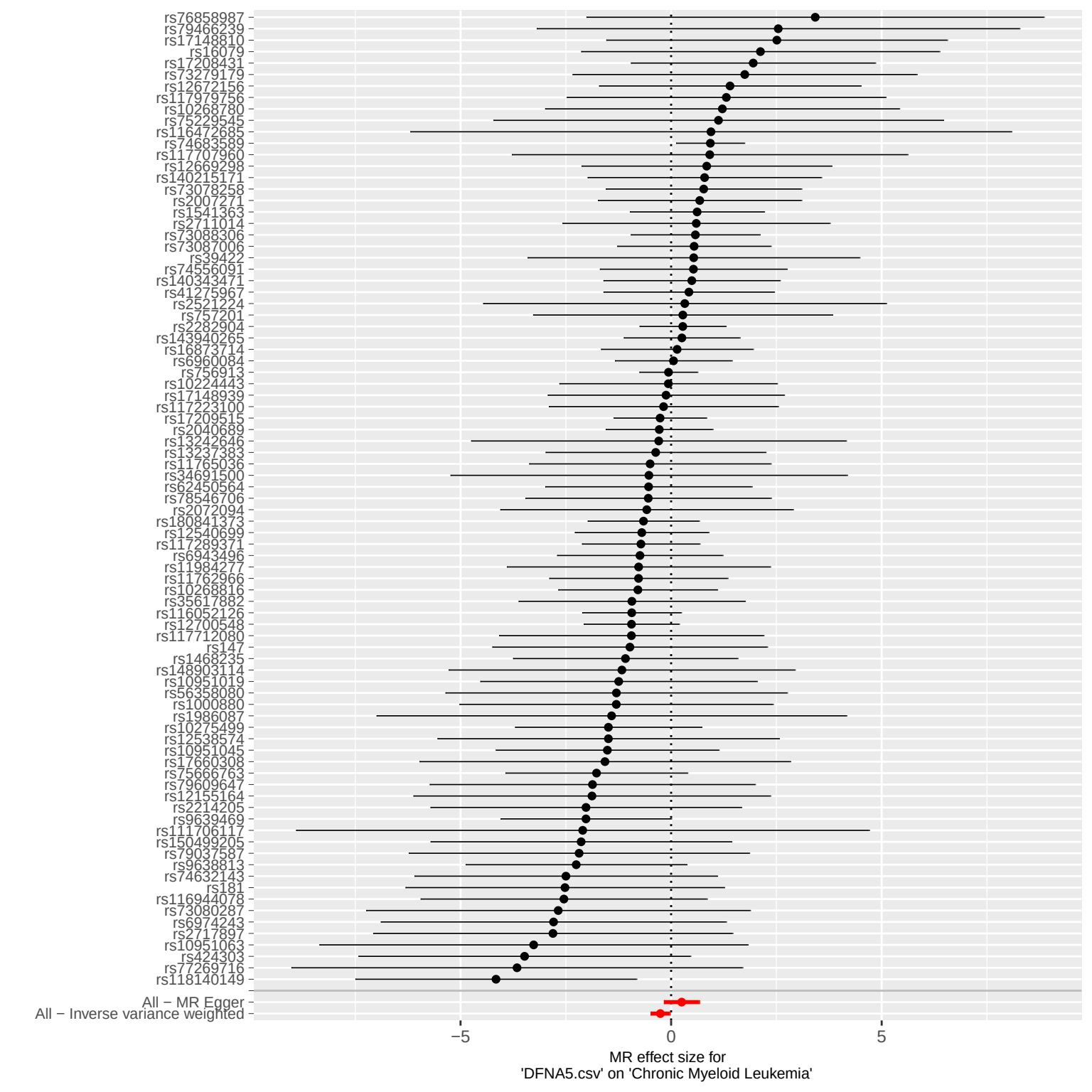
MR effect size for
'DEXI.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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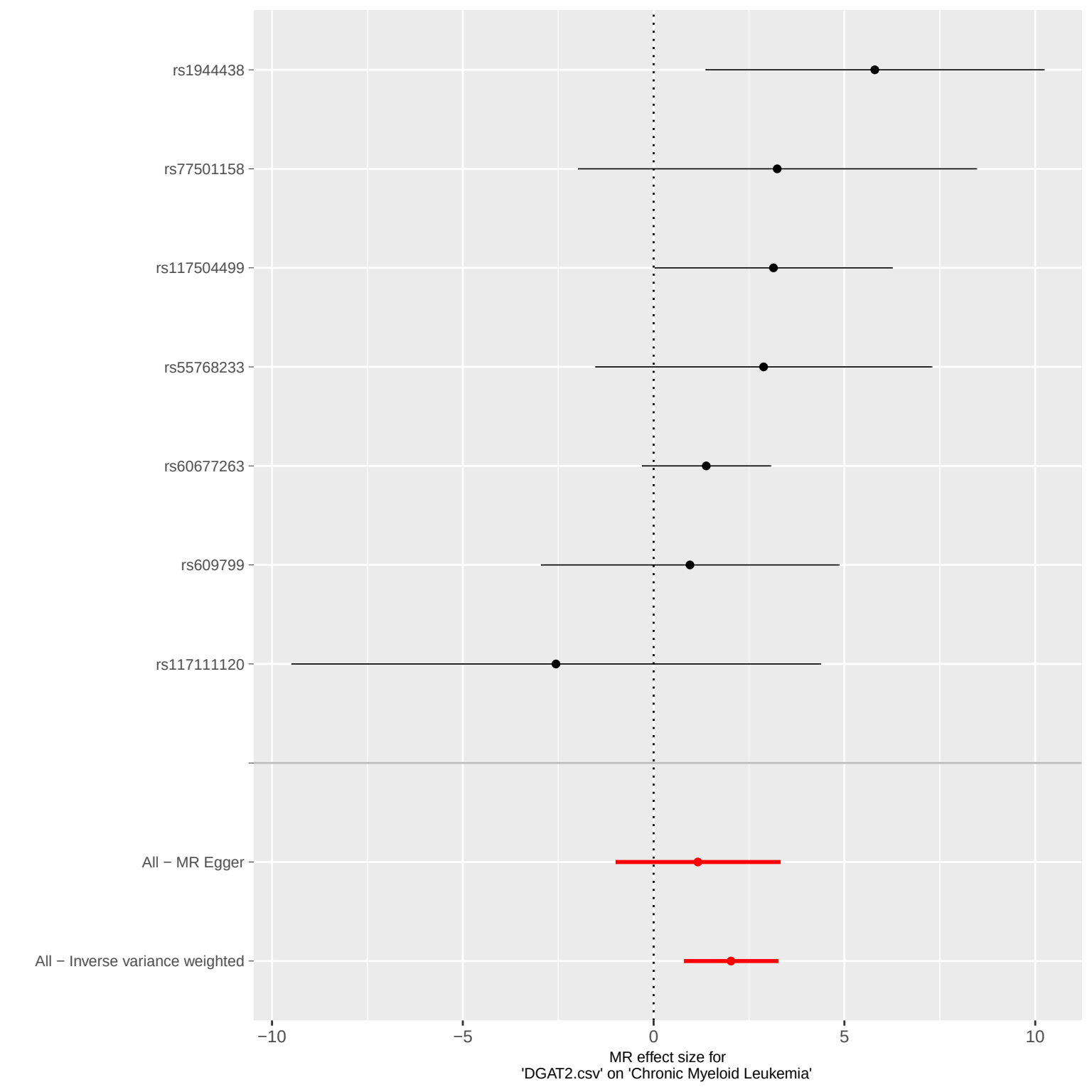
MR effect size for
'DFNA5.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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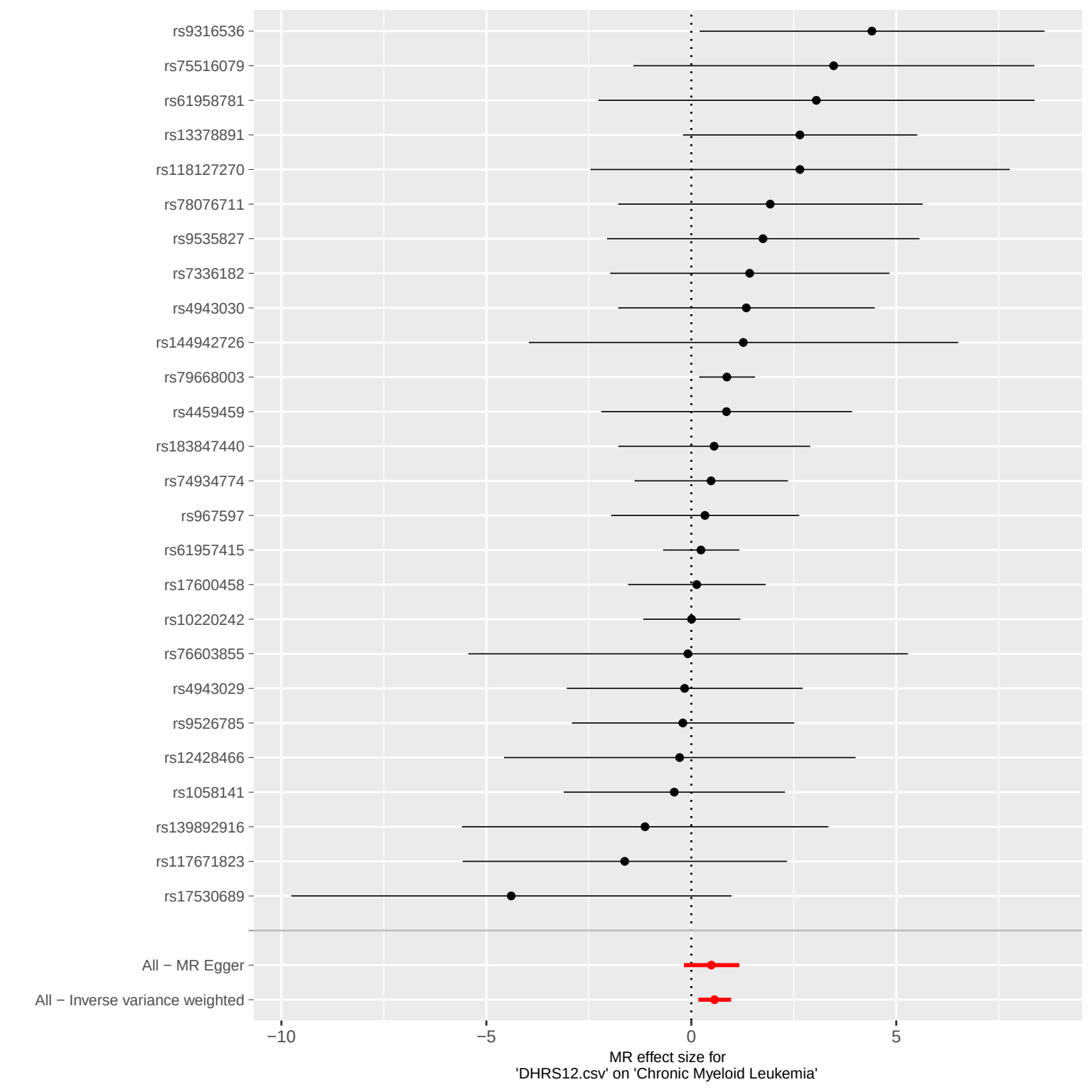
MR effect size for
'DGAT2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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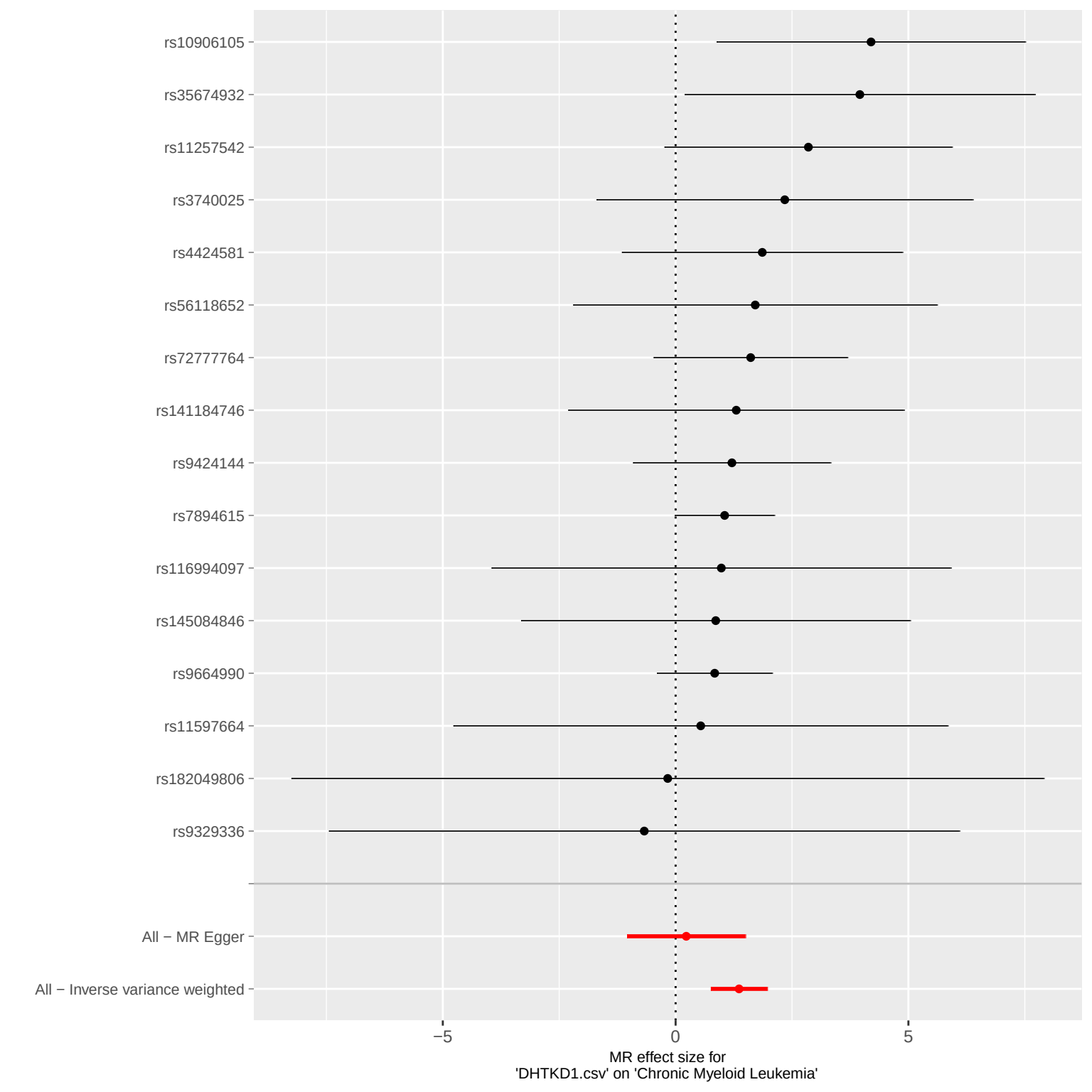
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All − MR Egger
All − Inverse variance weighted
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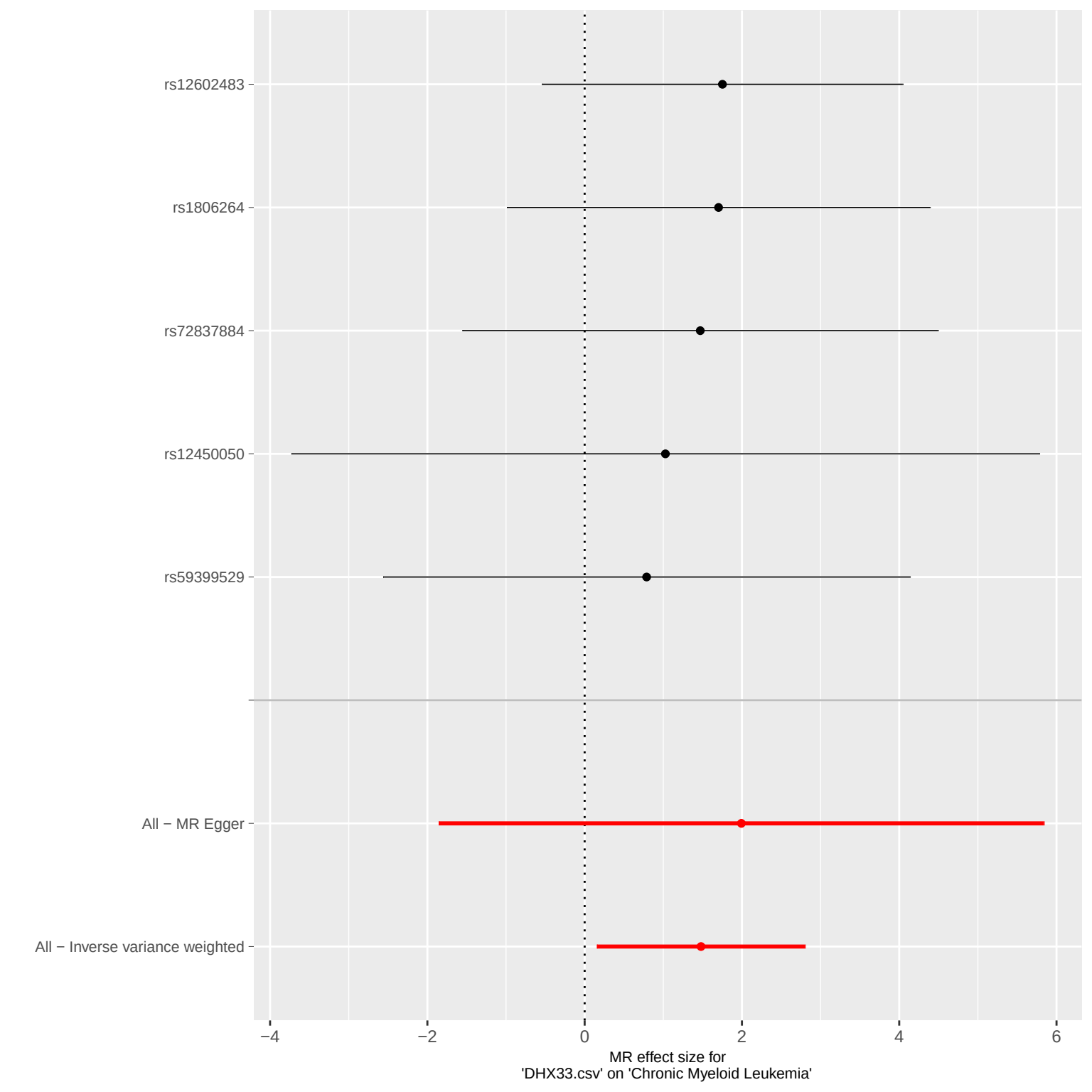
MR effect size for
'DHTKD1.csv' on 'Chronic Myeloid Leukemia'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2
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MR effect size for
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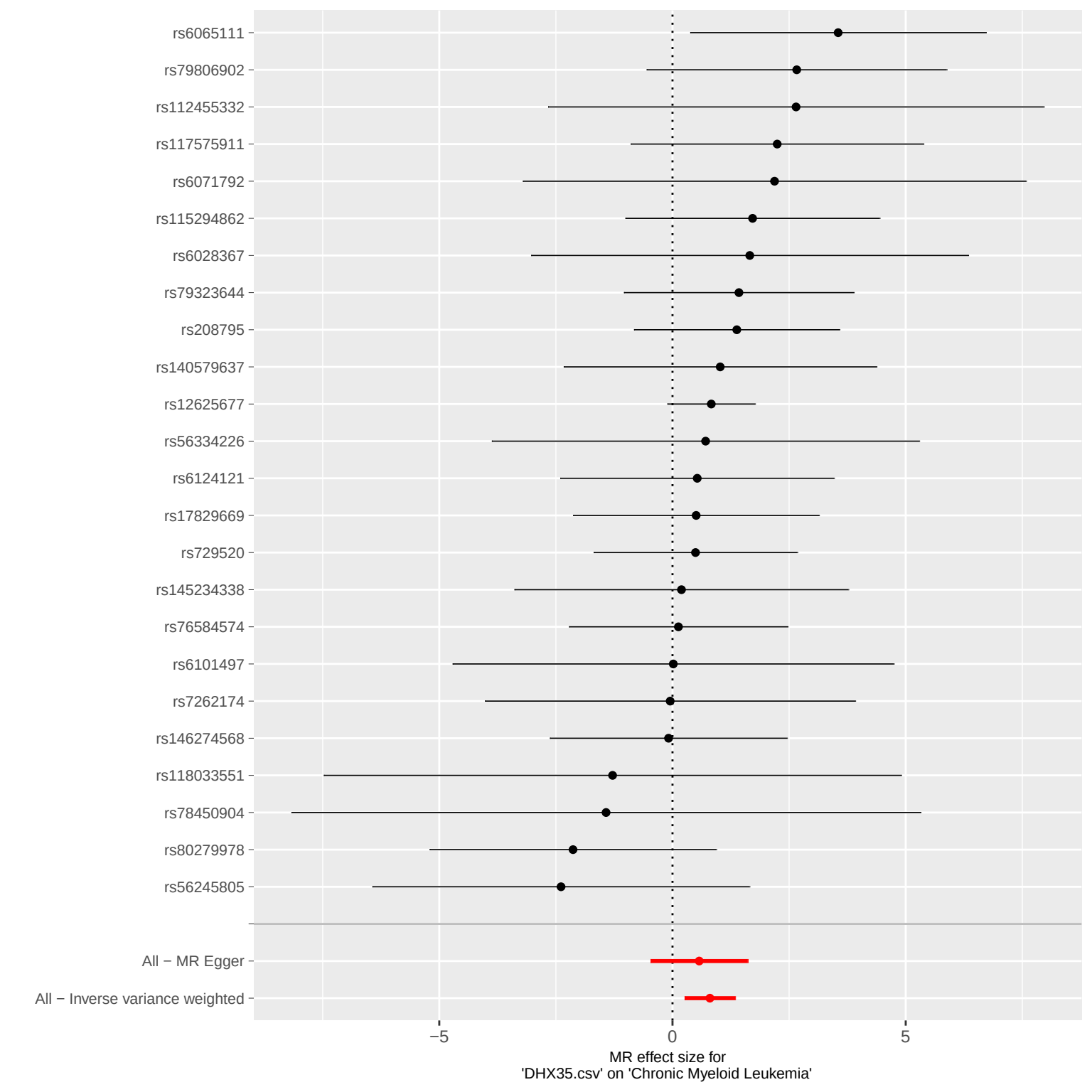
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rs78450904
rs80279978
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All − MR Egger
All − Inverse variance weighted
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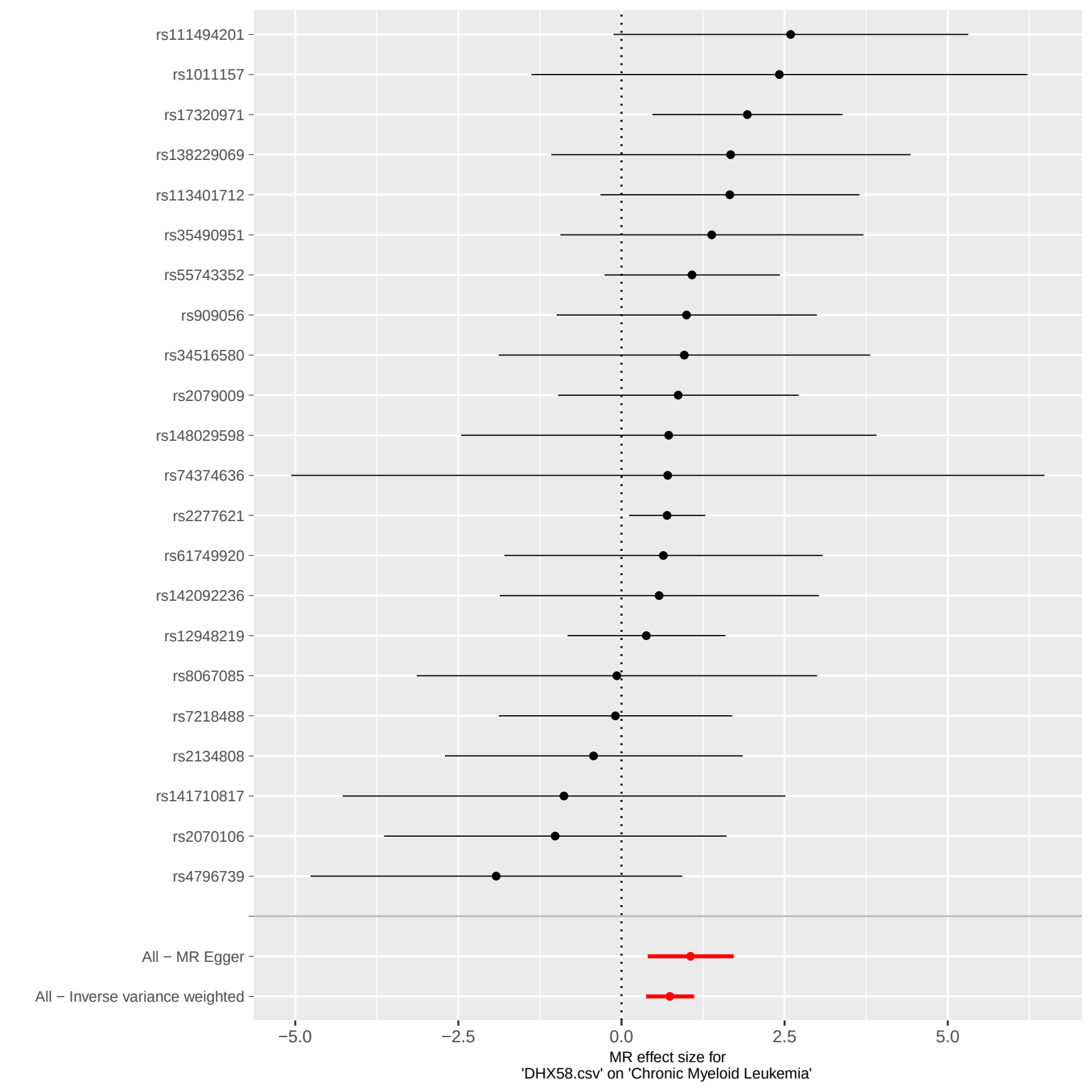
MR effect size for
'DHX35.csv' on 'Chronic Myeloid Leukemia'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rs61749920
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rs12948219
rs8067085
rs7218488
rs2134808
rs141710817
rs2070106
rs4796739
All − MR Egger
All − Inverse variance weighted
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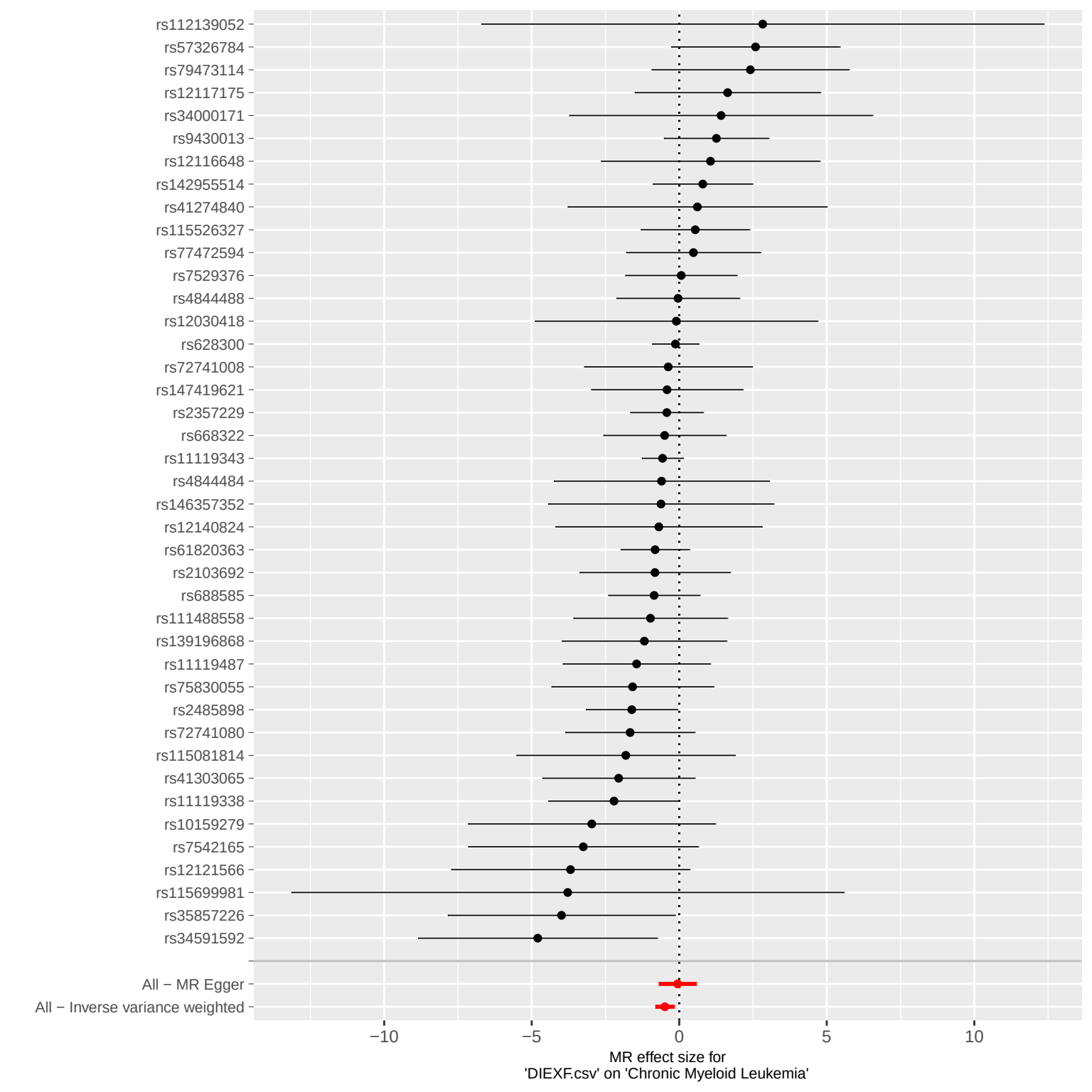
2.5
5.0
MR effect size for
'DHX58.csv' on 'Chronic Myeloid Leukemia'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rs147419621
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rs668322
rs11119343
rs4844484
rs146357352
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rs61820363
rs2103692
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rs111488558
rs139196868
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rs72741080
rs115081814
rs41303065
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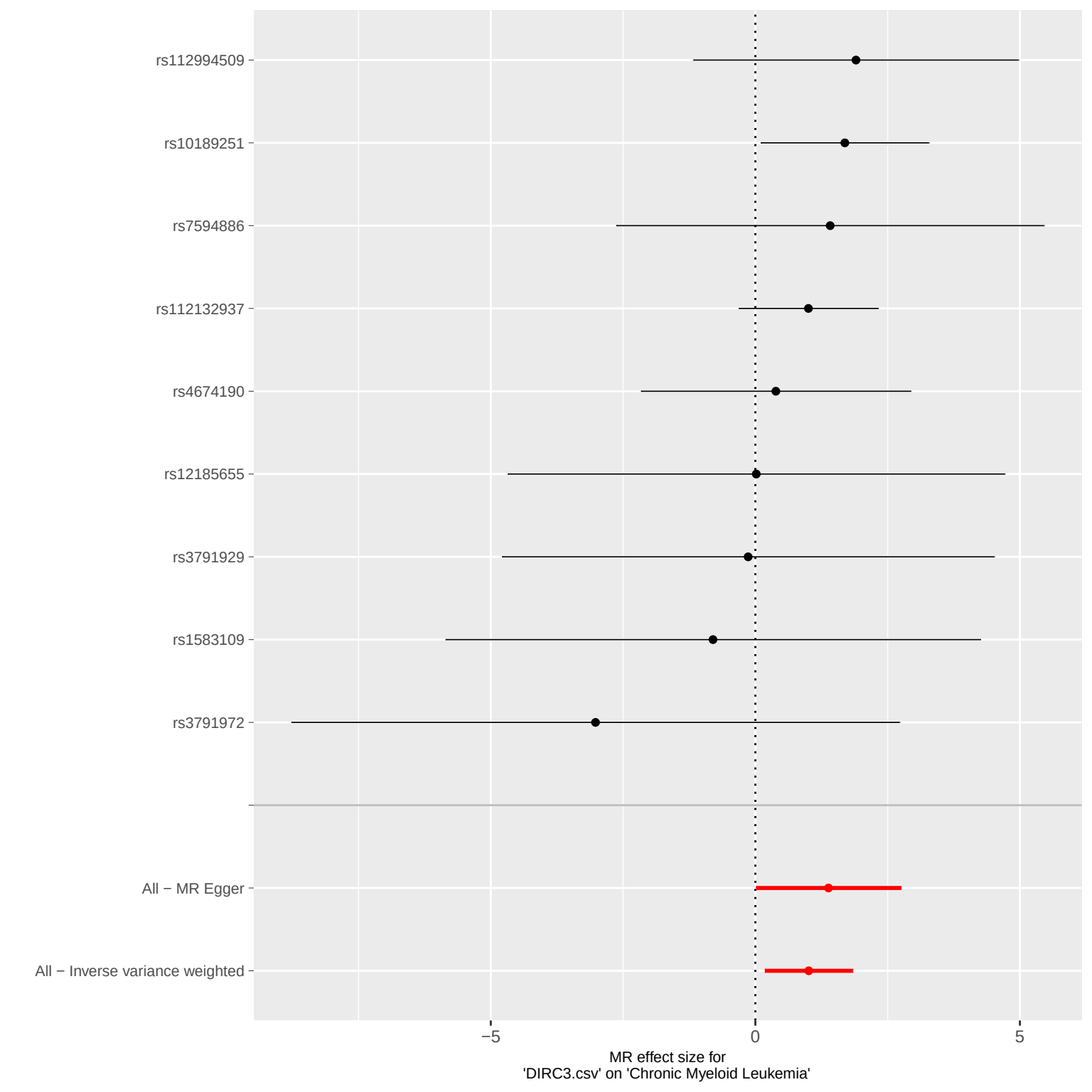
rs10159279
rs7542165
rs12121566
rs115699981
rs35857226
rs34591592
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'DIEXF.csv' on 'Chronic Myeloid Leukemia'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rs10189251
rs7594886
rs112132937
rs4674190
rs12185655
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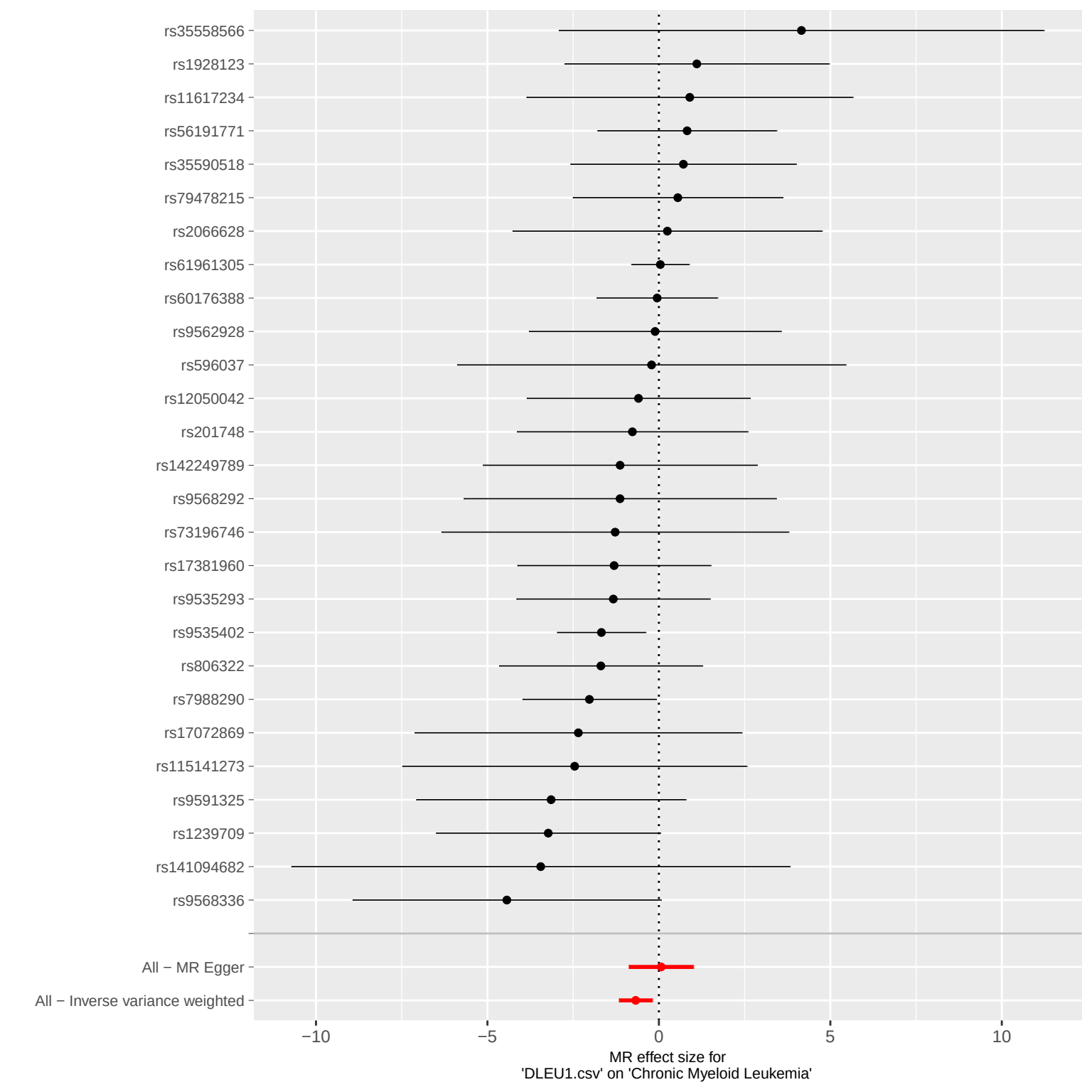
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'DIRC3.csv' on 'Chronic Myeloid Leukemia'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rs596037
rs12050042
rs201748
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rs9535293
rs9535402
rs806322
rs7988290
rs17072869
rs115141273
rs9591325
rs1239709
rs141094682
rs9568336
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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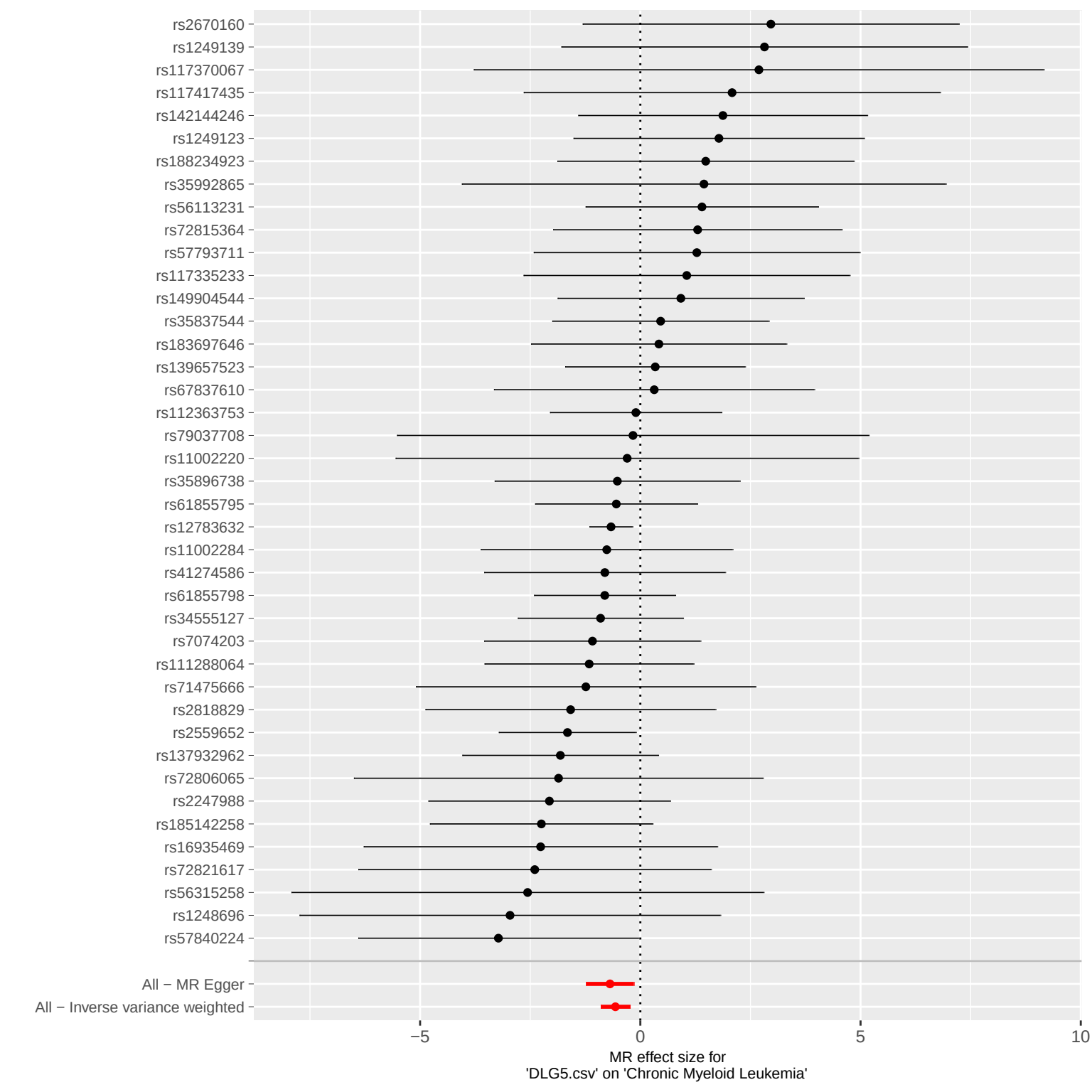
MR effect size for
'DLEU1.csv' on 'Chronic Myeloid Leukemia'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rs57793711
rs117335233
rs149904544
rs35837544
rs183697646
rs139657523
rs67837610
rs112363753
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rs35896738
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rs12783632
rs11002284
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rs61855798
rs34555127
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rs111288064
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rs2559652
rs137932962
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rs185142258
rs16935469
rs72821617
rs56315258
rs1248696
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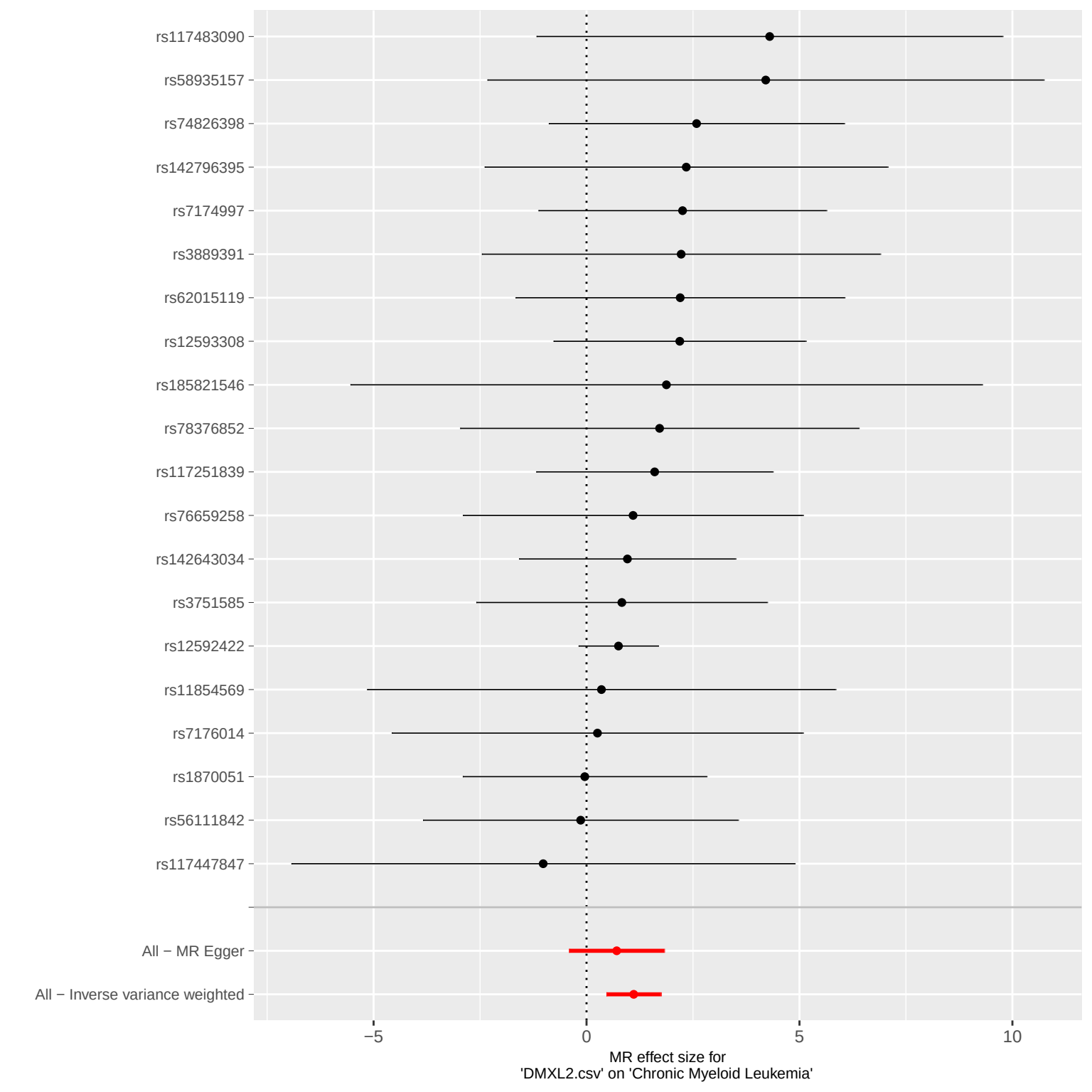
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'DLG5.csv' on 'Chronic Myeloid Leukemia'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rs117251839
rs76659258
rs142643034
rs3751585
rs12592422
rs11854569
rs7176014
rs1870051
rs56111842
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All − MR Egger
All − Inverse variance weighted
−5
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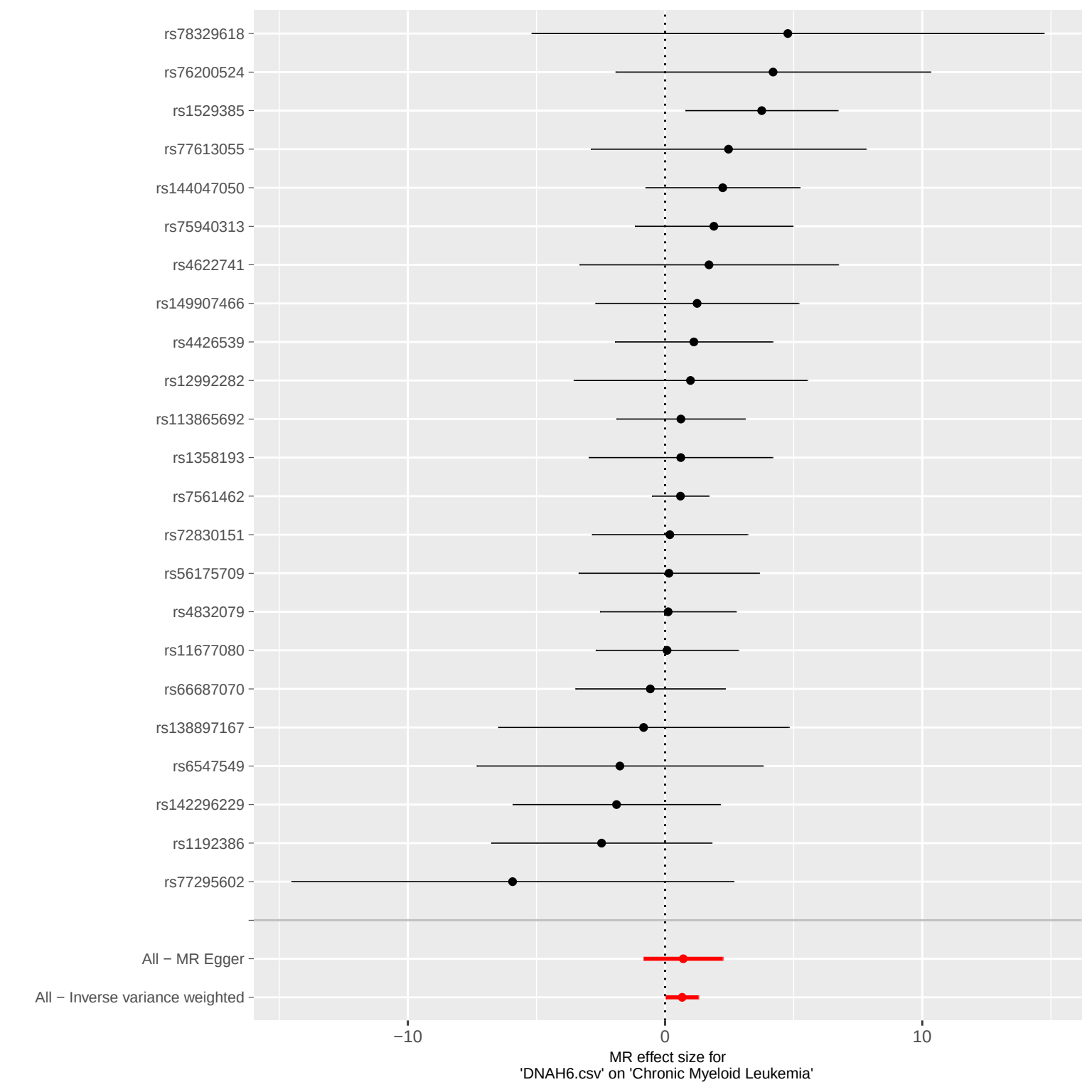
MR effect size for
'DMXL2.csv' on 'Chronic Myeloid Leukemia'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rs113865692
rs1358193
rs7561462
rs72830151
rs56175709
rs4832079
rs11677080
rs66687070
rs138897167
rs6547549
rs142296229
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All − MR Egger
All − Inverse variance weighted
−10
0
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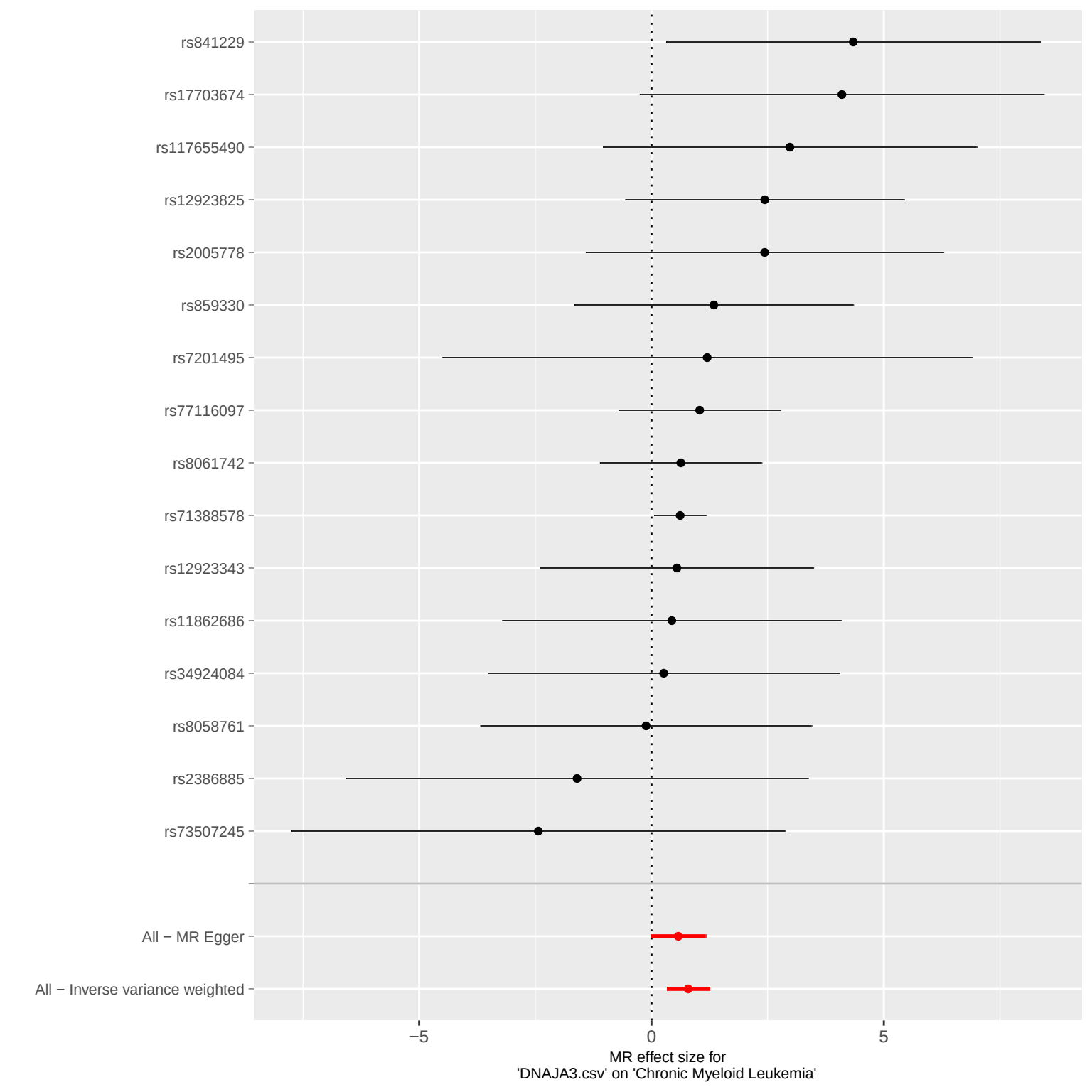
MR effect size for
'DNAH6.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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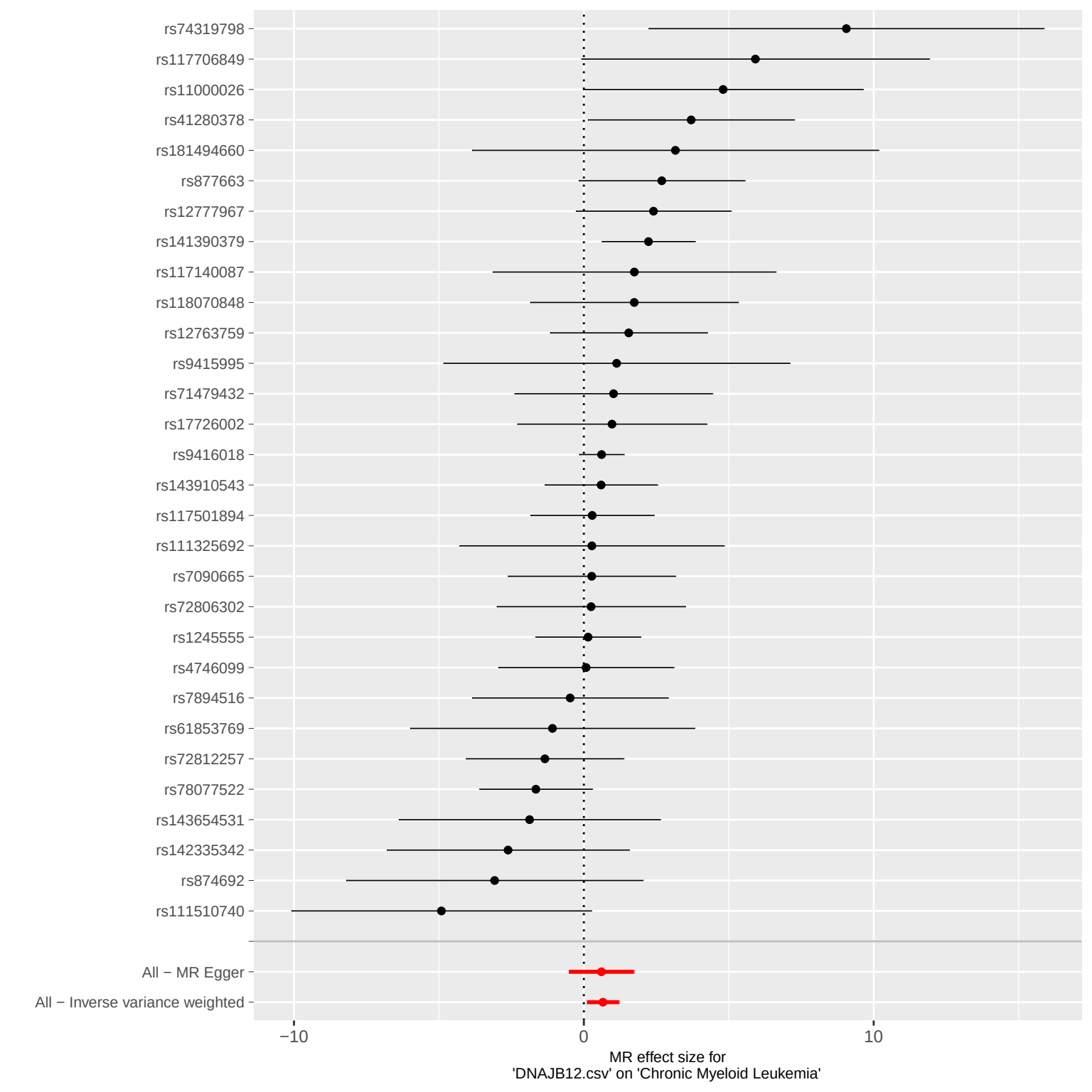
MR effect size for
'DNAJA3.csv' on 'Chronic Myeloid Leukemia'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rs1245555
rs4746099
rs7894516
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rs78077522
rs143654531
rs142335342
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All − MR Egger
All − Inverse variance weighted
−10
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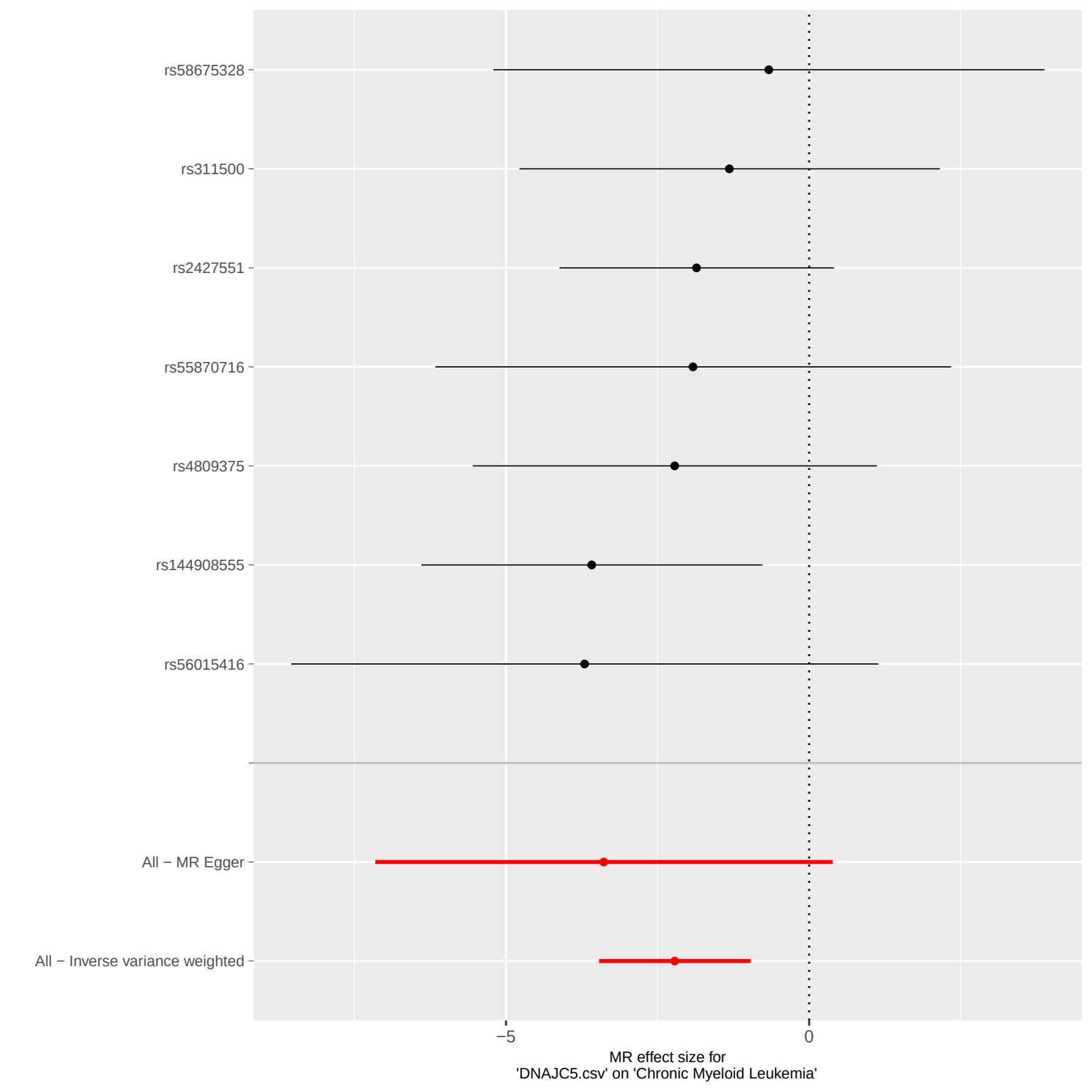
10
MR effect size for
'DNAJB12.csv' on 'Chronic Myeloid Leukemia'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rs311500
rs2427551
rs55870716
rs4809375
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All − MR Egger
All − Inverse variance weighted
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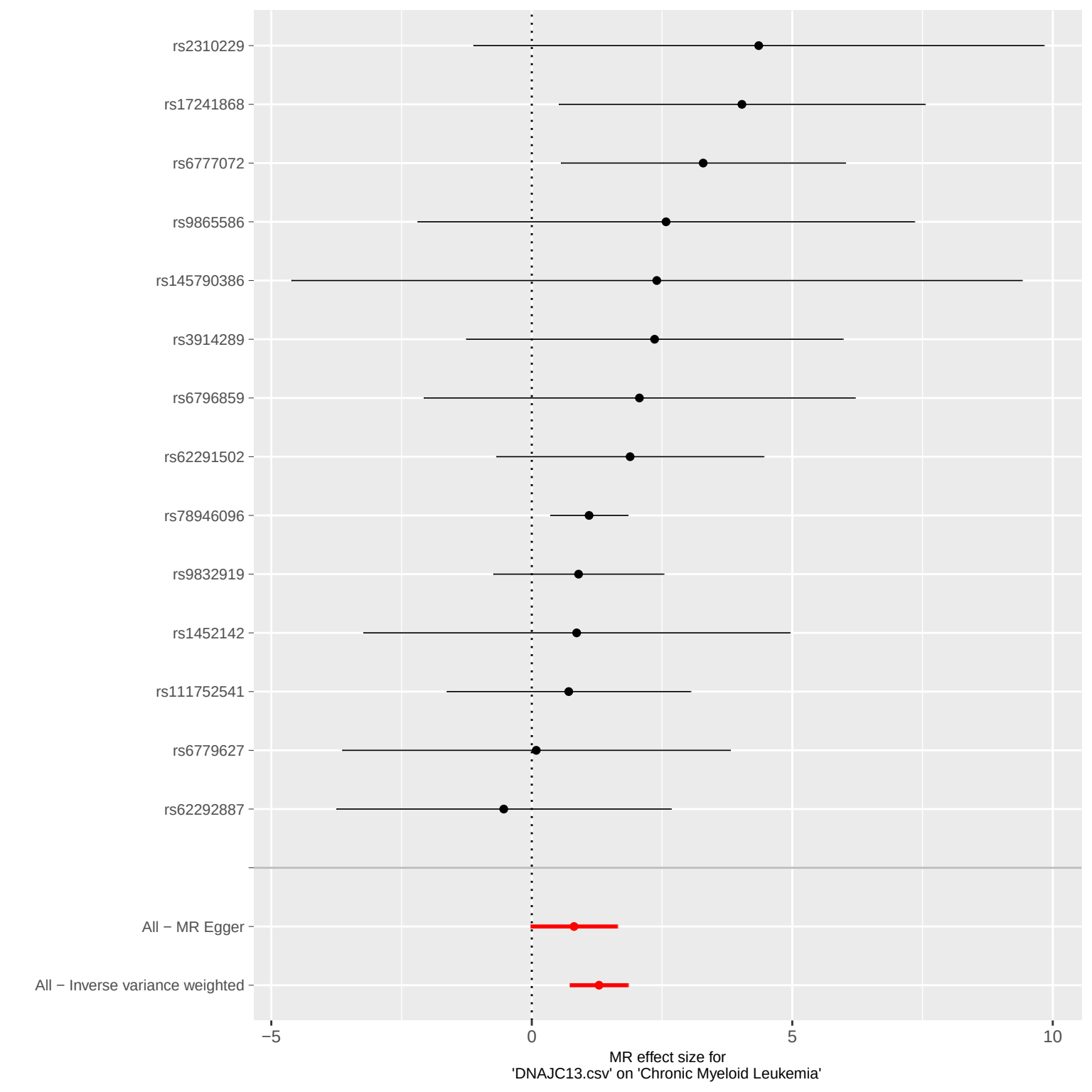
MR effect size for
'DNAJC5.csv' on 'Chronic Myeloid Leukemia'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rs111752541
rs6779627
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All − MR Egger
All − Inverse variance weighted
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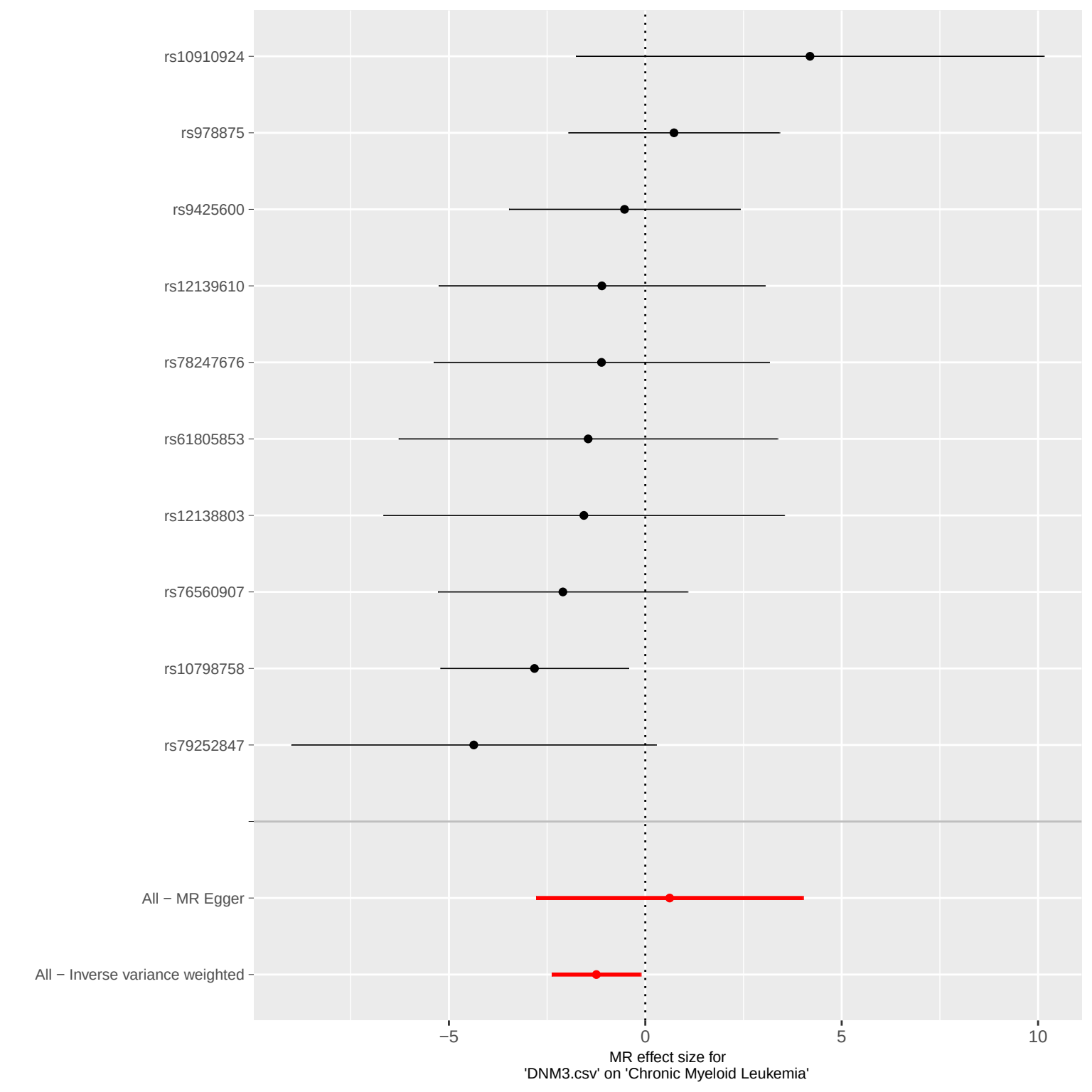
MR effect size for
'DNAJC13.csv' on 'Chronic Myeloid Leukemia'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rs10798758
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All − MR Egger
All − Inverse variance weighted
−5
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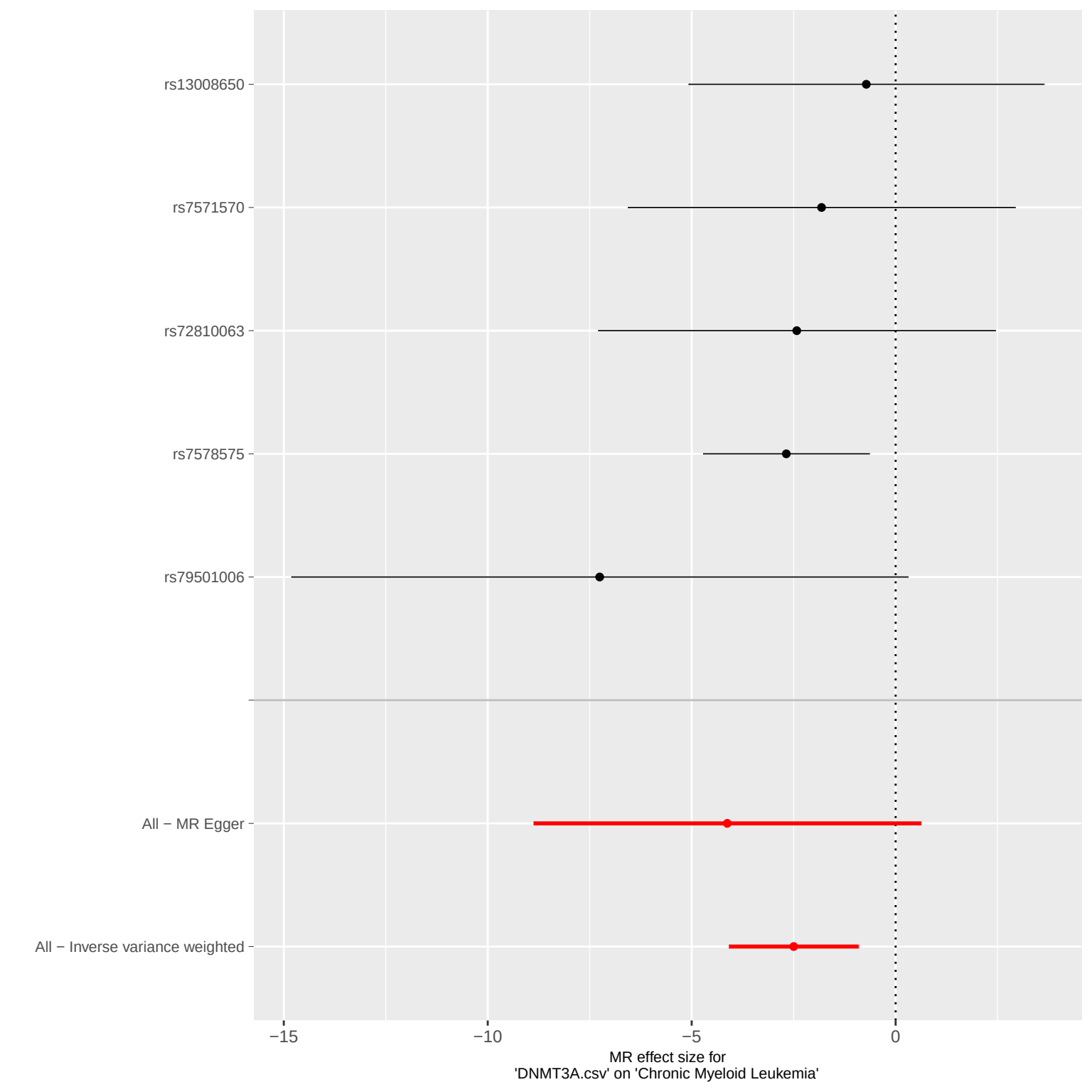
5
10
MR effect size for
'DNM3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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−5
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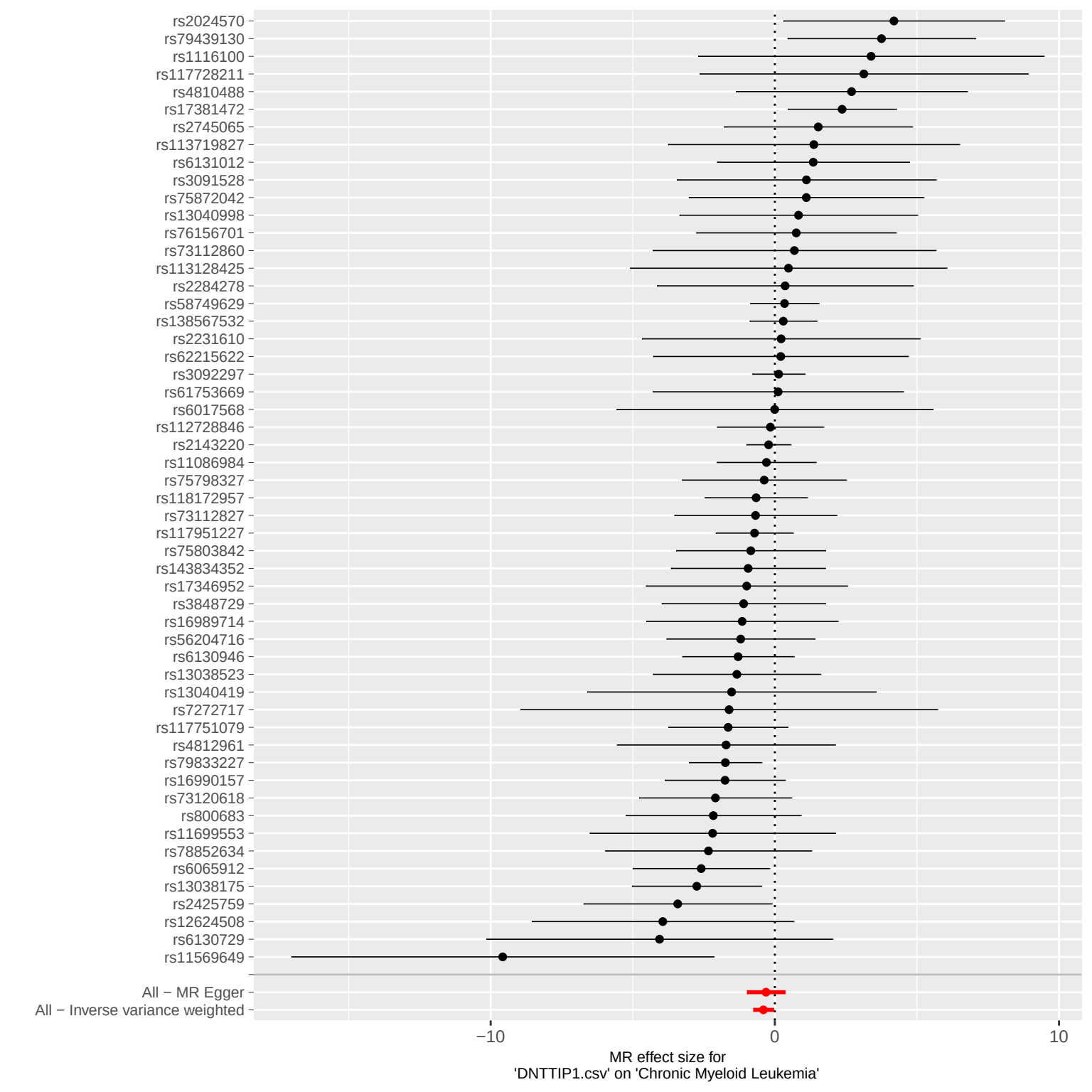
'DNMT3A.csv' on 'Chronic Myeloid Leukemia'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rs2231610
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All − MR Egger
All − Inverse variance weighted
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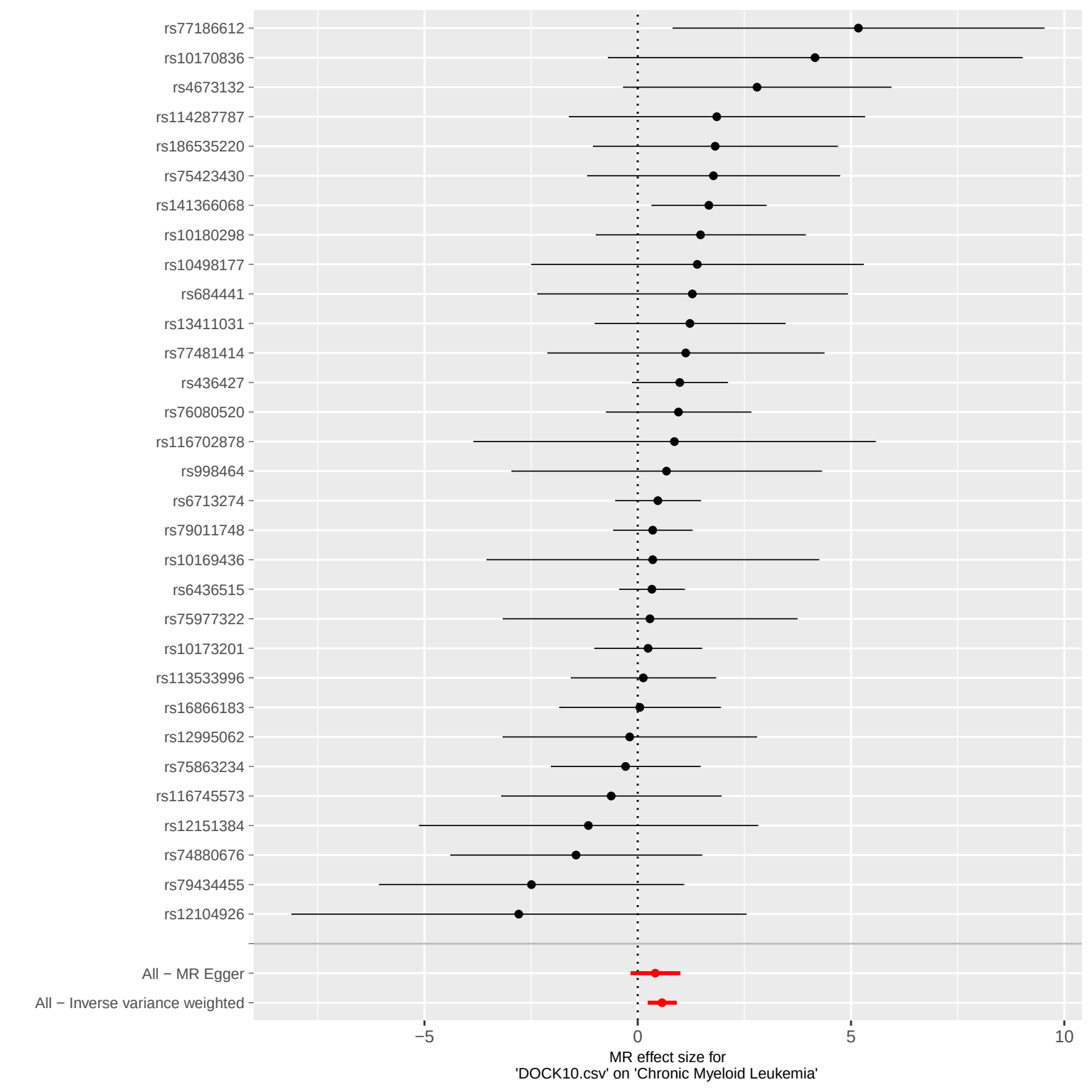
MR effect size for
'DNTTIP1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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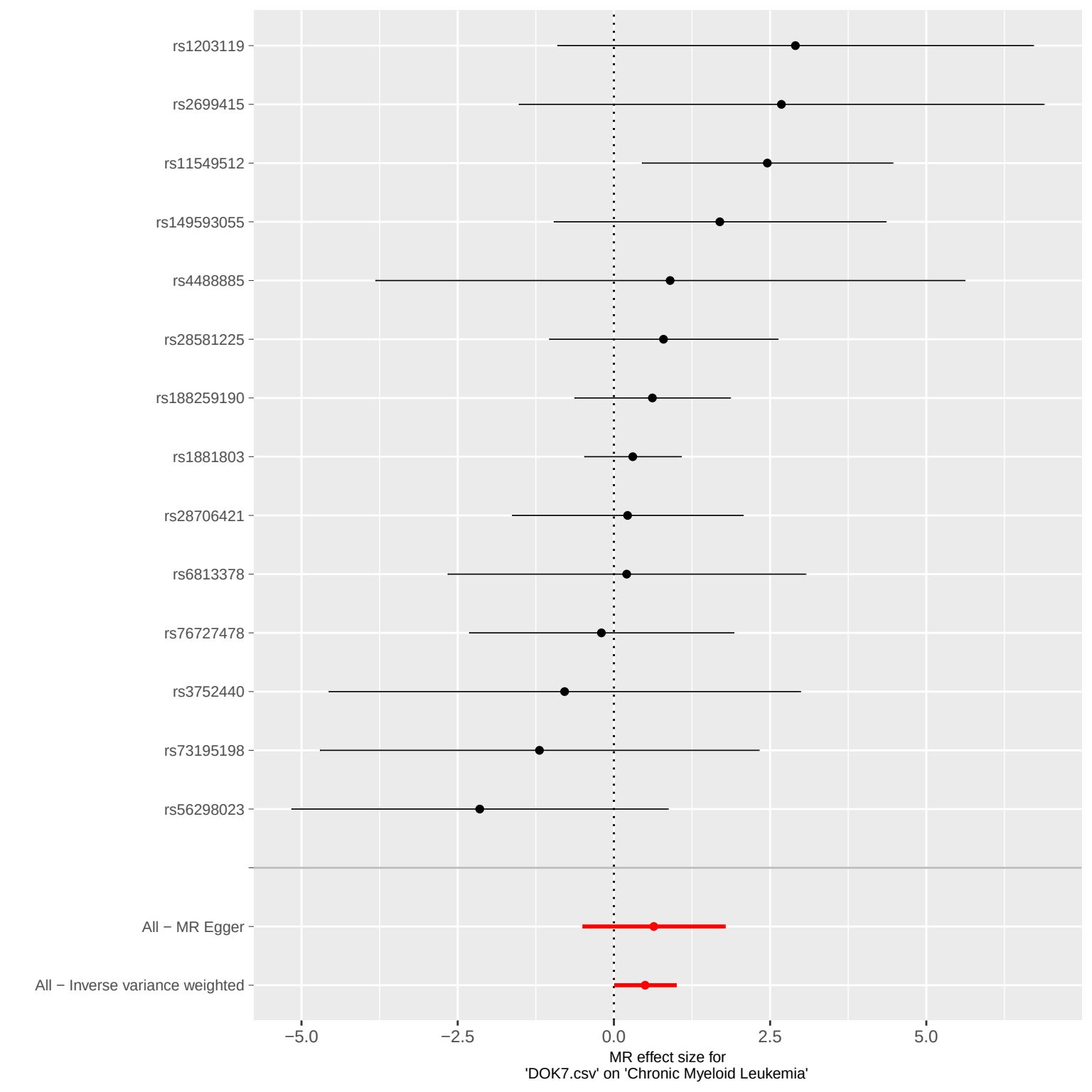
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rs56298023
All − MR Egger
All − Inverse variance weighted
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2.5
5.0
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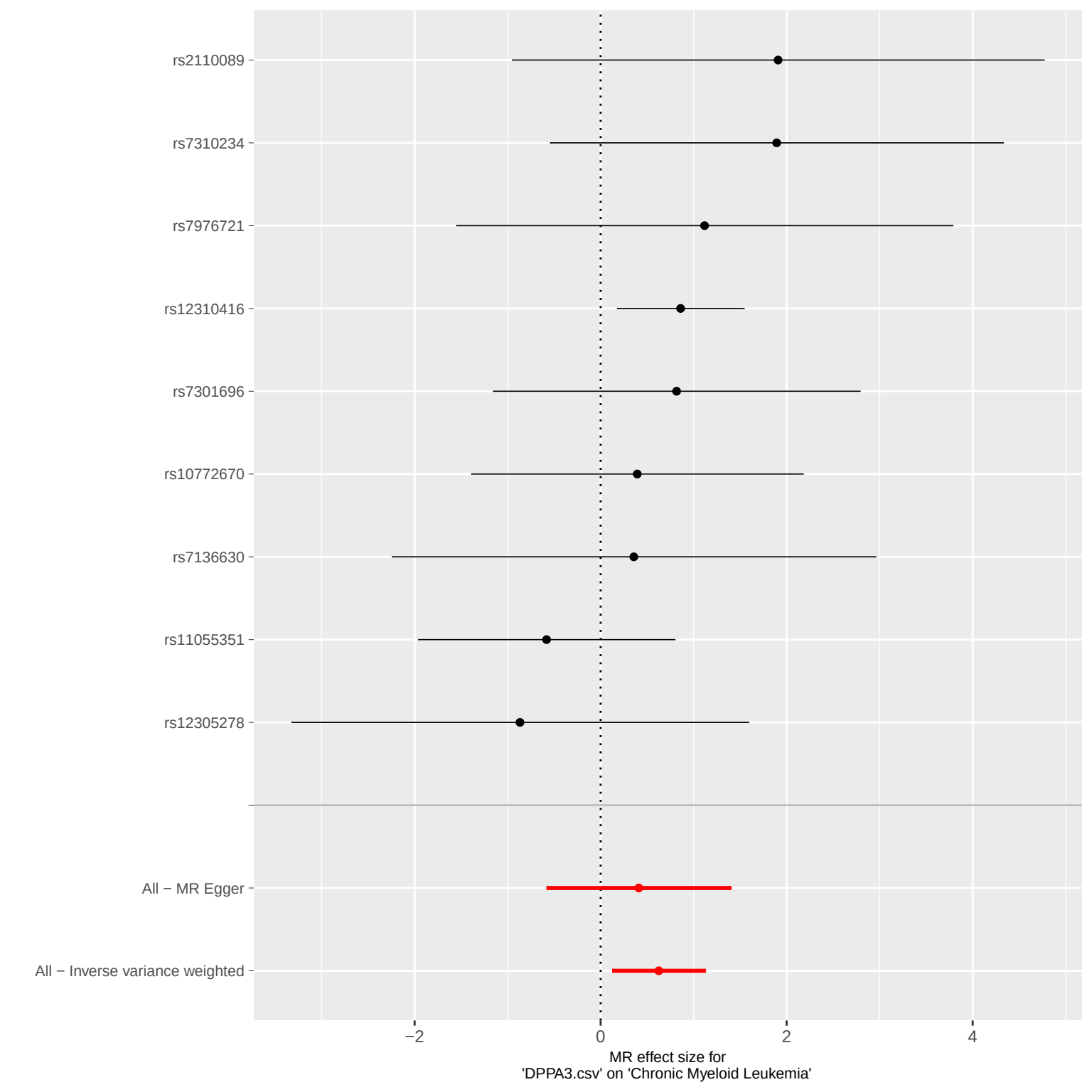
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rs7136630
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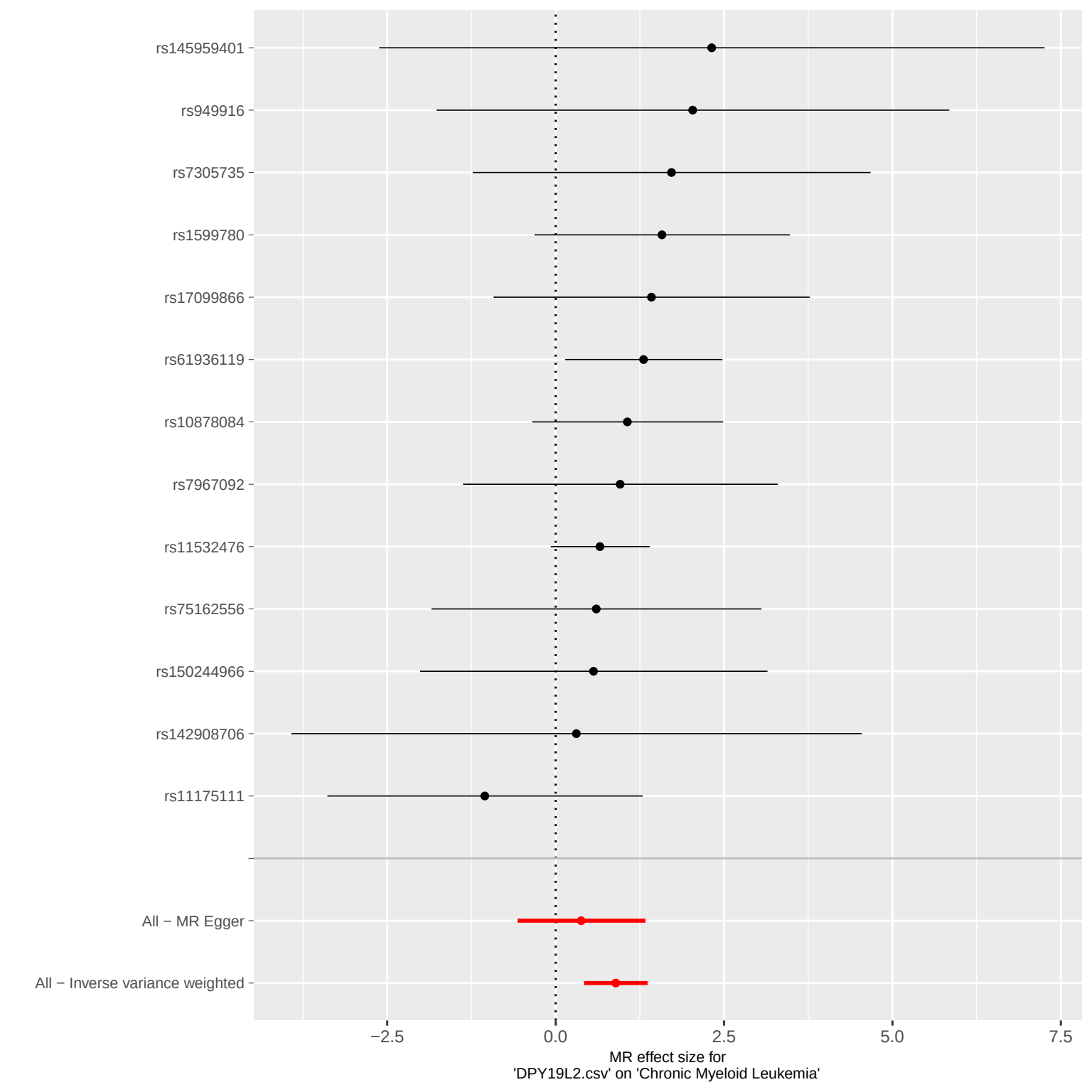
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'DPPA3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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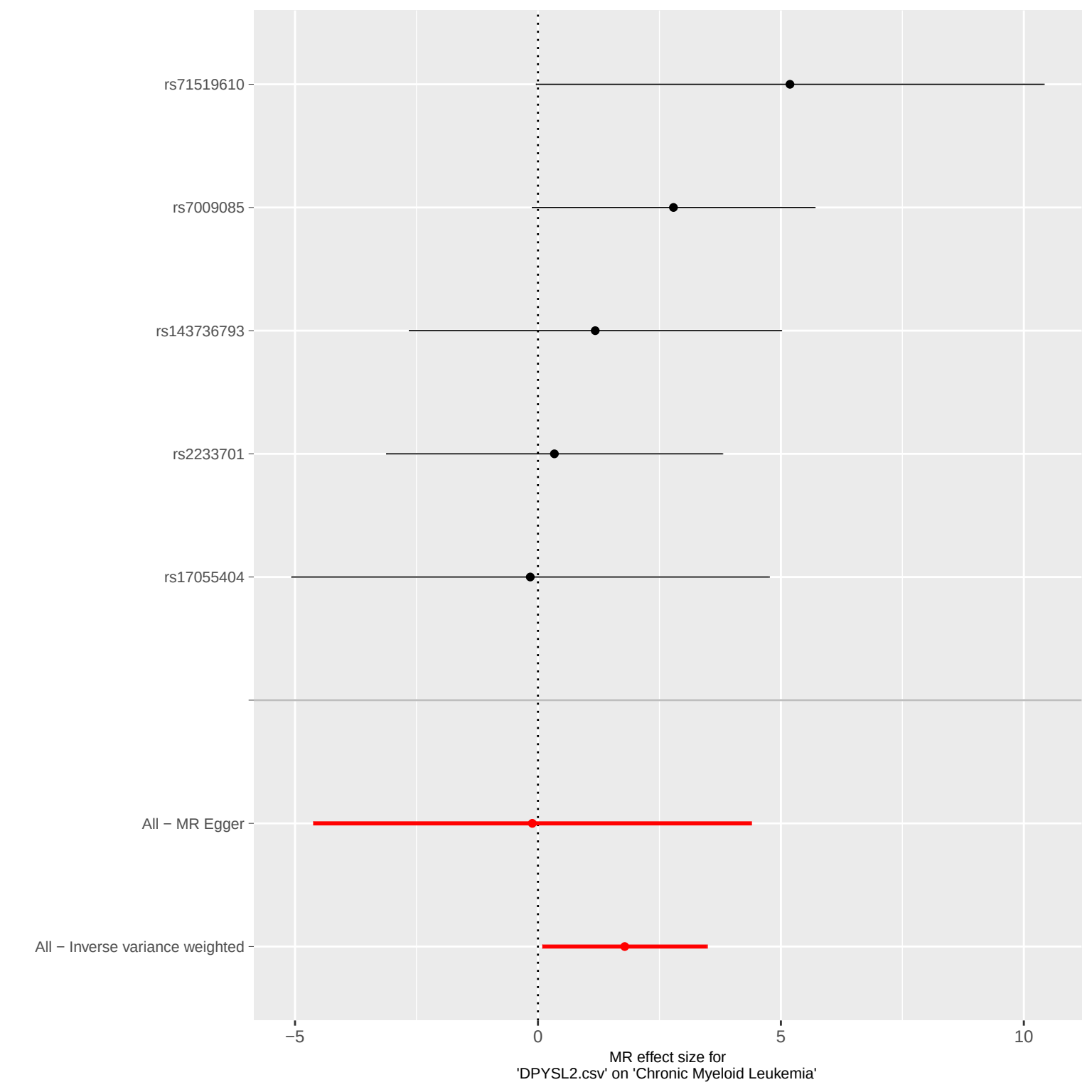
2.5
5.0
7.5
MR effect size for
'DPY19L2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
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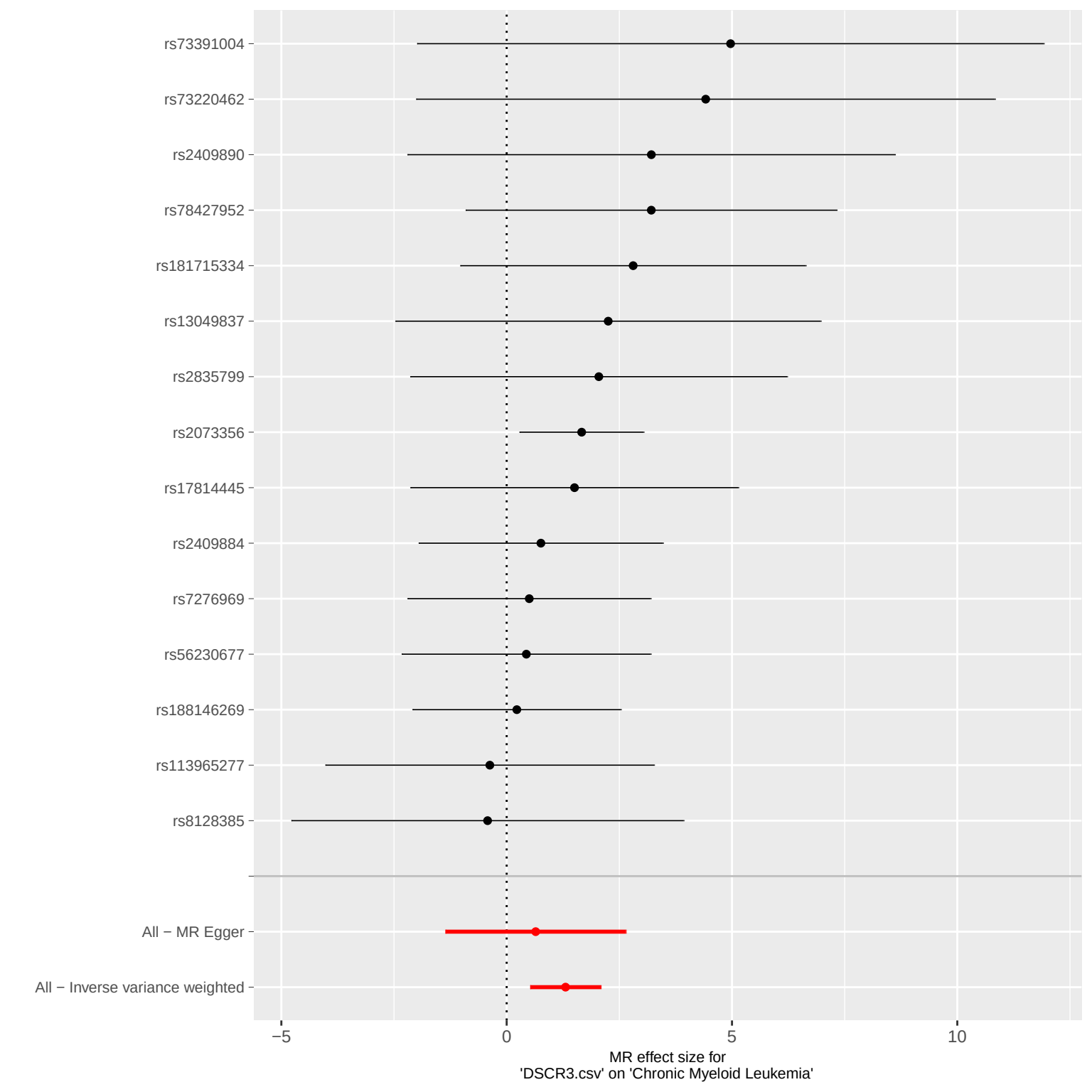
MR effect size for
'DPYSL2.csv' on 'Chronic Myeloid Leukemia'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rs188146269
rs113965277
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All − MR Egger
All − Inverse variance weighted
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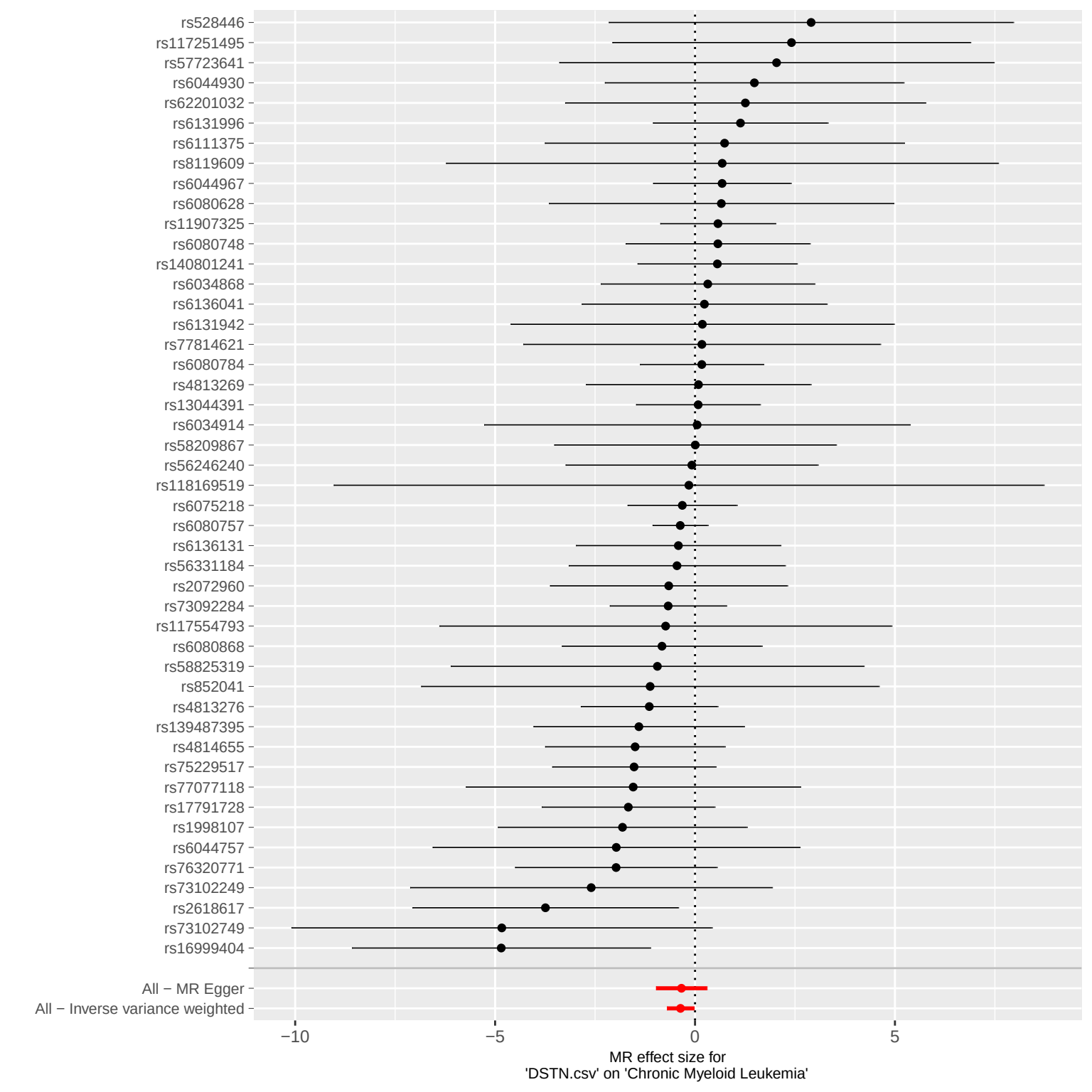
10
MR effect size for
'DSCR3.csv' on 'Chronic Myeloid Leukemia'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rs77077118
rs17791728
rs1998107
rs6044757
rs76320771
rs73102249
rs2618617
rs73102749
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All − MR Egger
All − Inverse variance weighted
−10
−5
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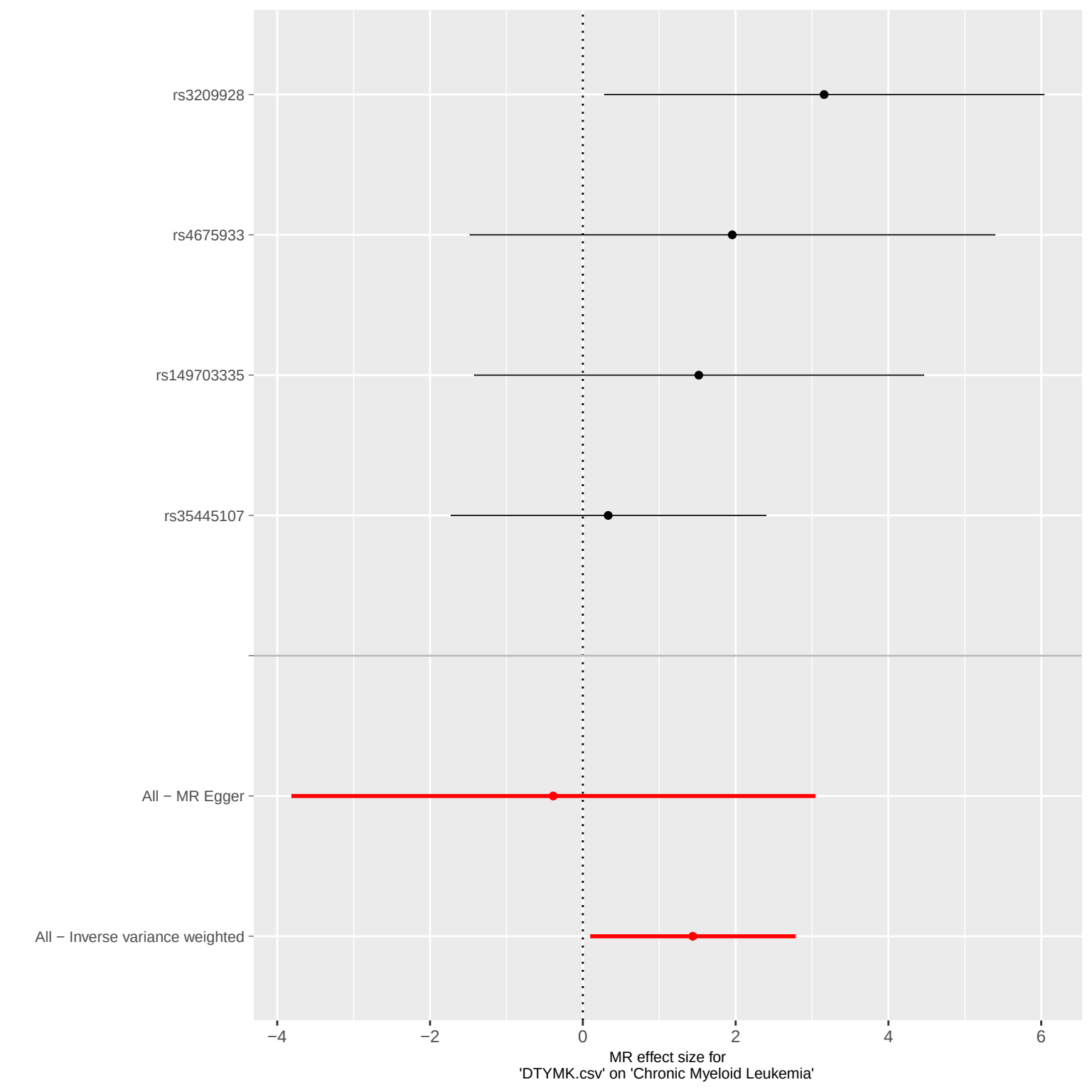
5
MR effect size for
'DSTN.csv' on 'Chronic Myeloid Leukemia'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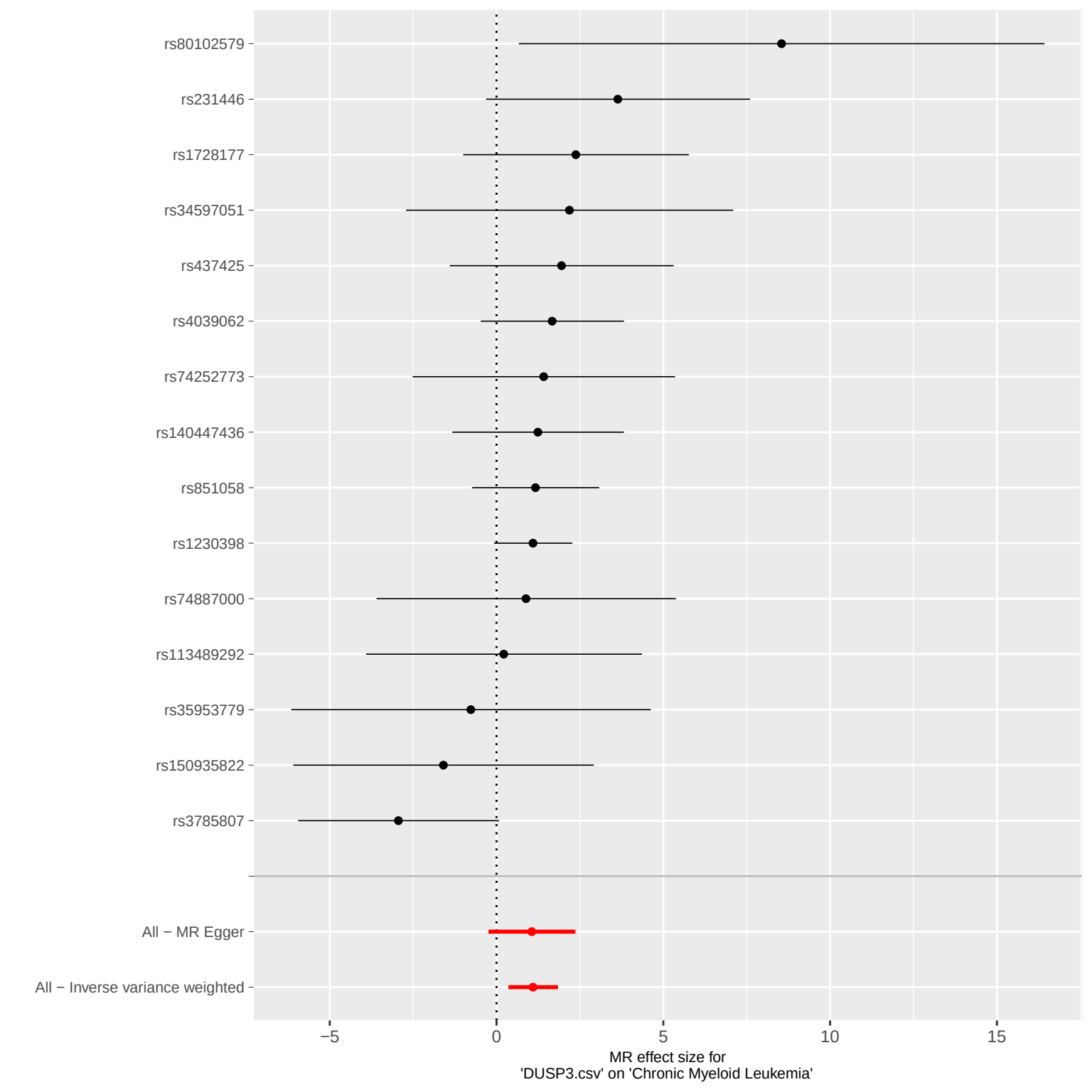
rs4675933
rs149703335
rs35445107
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'DTYMK.csv' on 'Chronic Myeloid Leukemia'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rs113489292
rs35953779
rs150935822
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All − MR Egger
All − Inverse variance weighted
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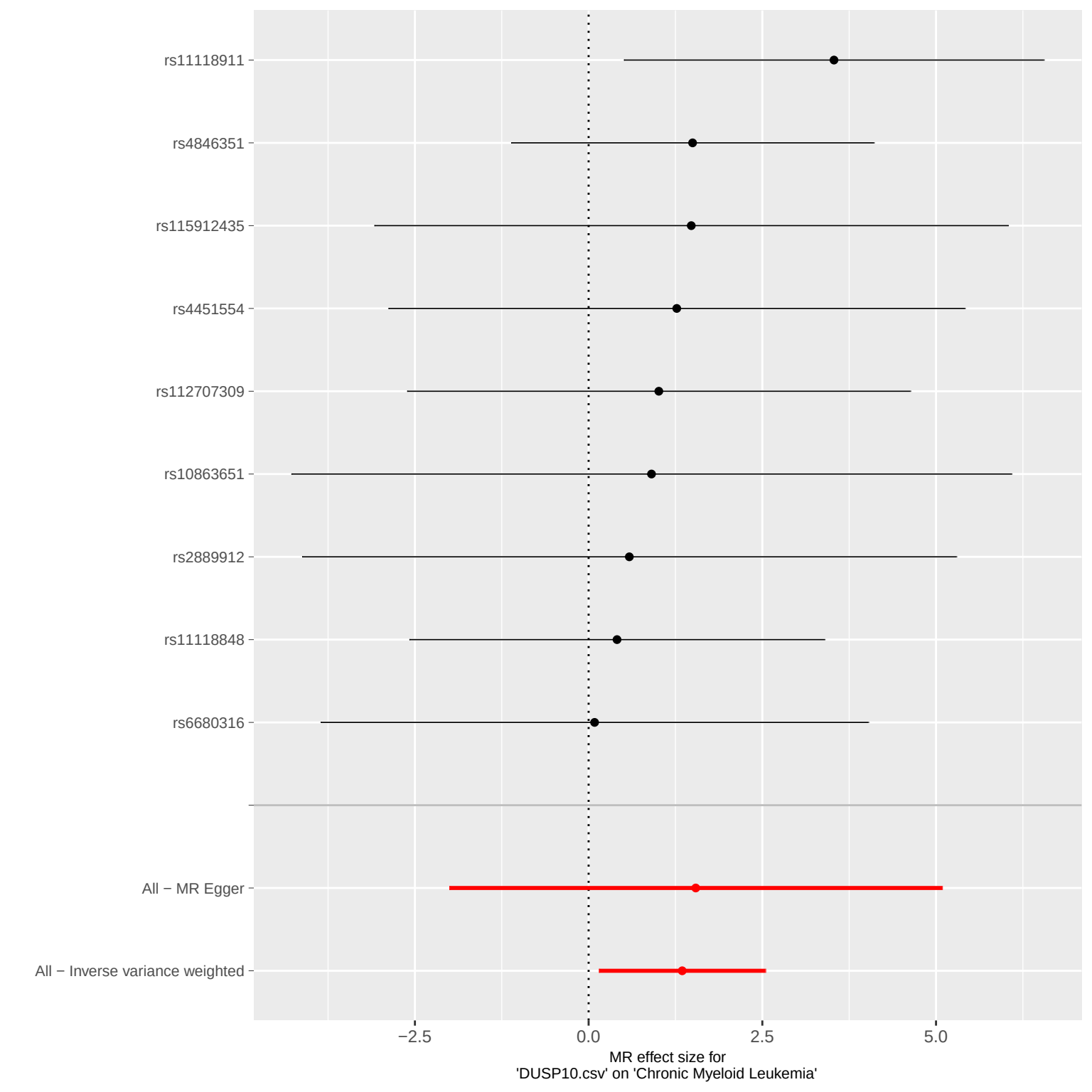
5
10
15
MR effect size for
'DUSP3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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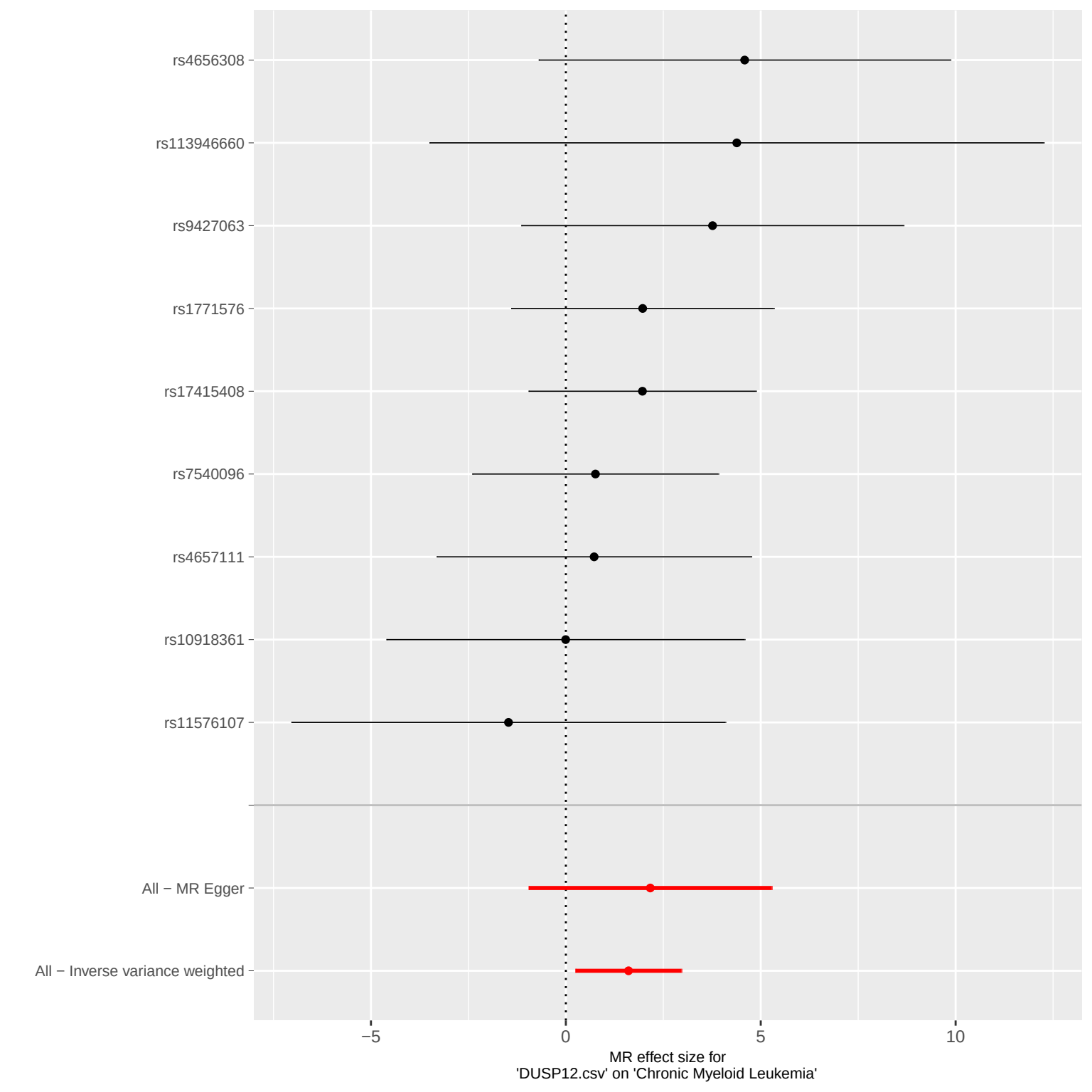
2.5
5.0
MR effect size for
'DUSP10.csv' on 'Chronic Myeloid Leukemia'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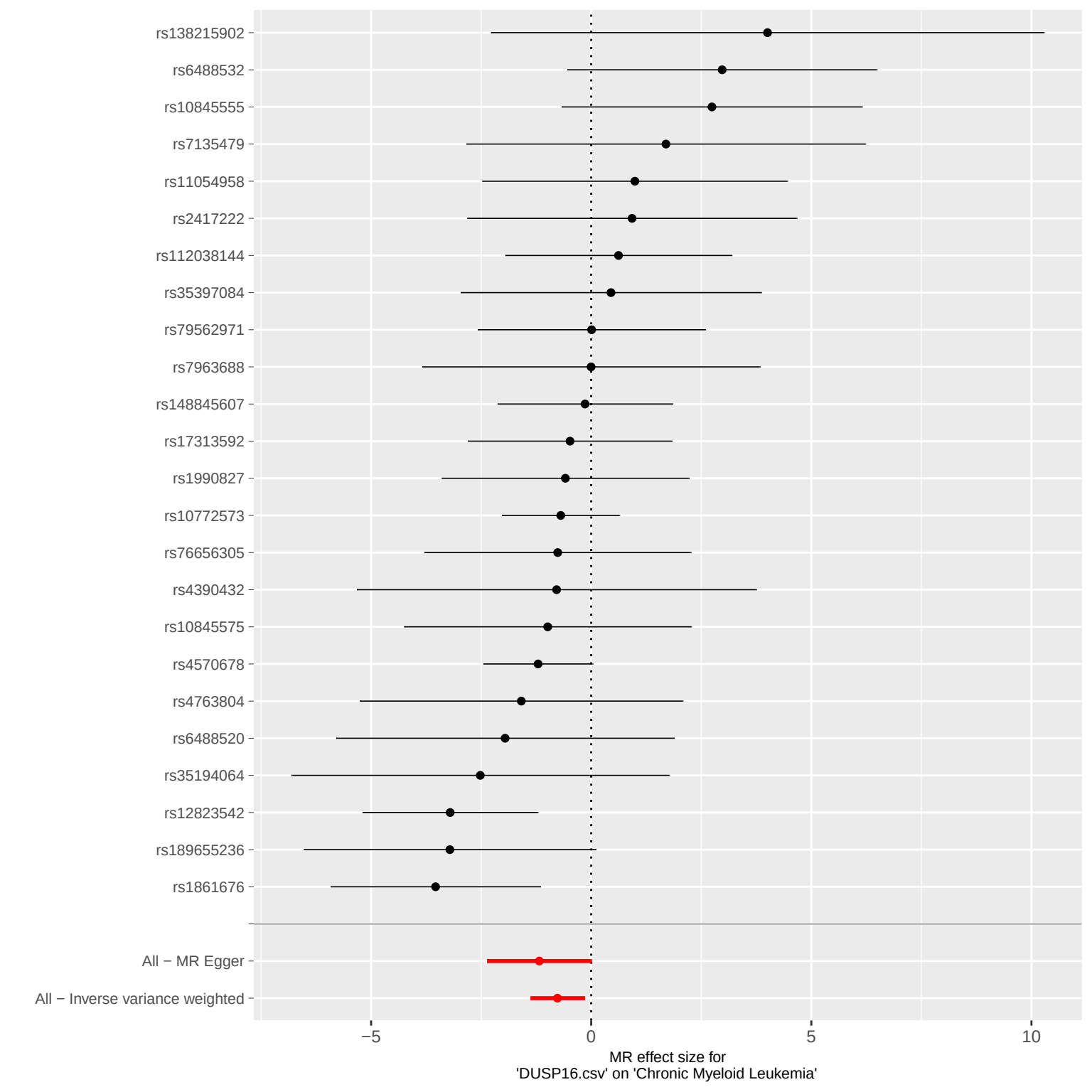
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'DUSP12.csv' on 'Chronic Myeloid Leukemia'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rs7135479
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rs2417222
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rs35397084
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rs7963688
rs148845607
rs17313592
rs1990827
rs10772573
rs76656305
rs4390432
rs10845575
rs4570678
rs4763804
rs6488520
rs35194064
rs12823542
rs189655236
rs1861676
All − MR Egger
All − Inverse variance weighted
−5
0
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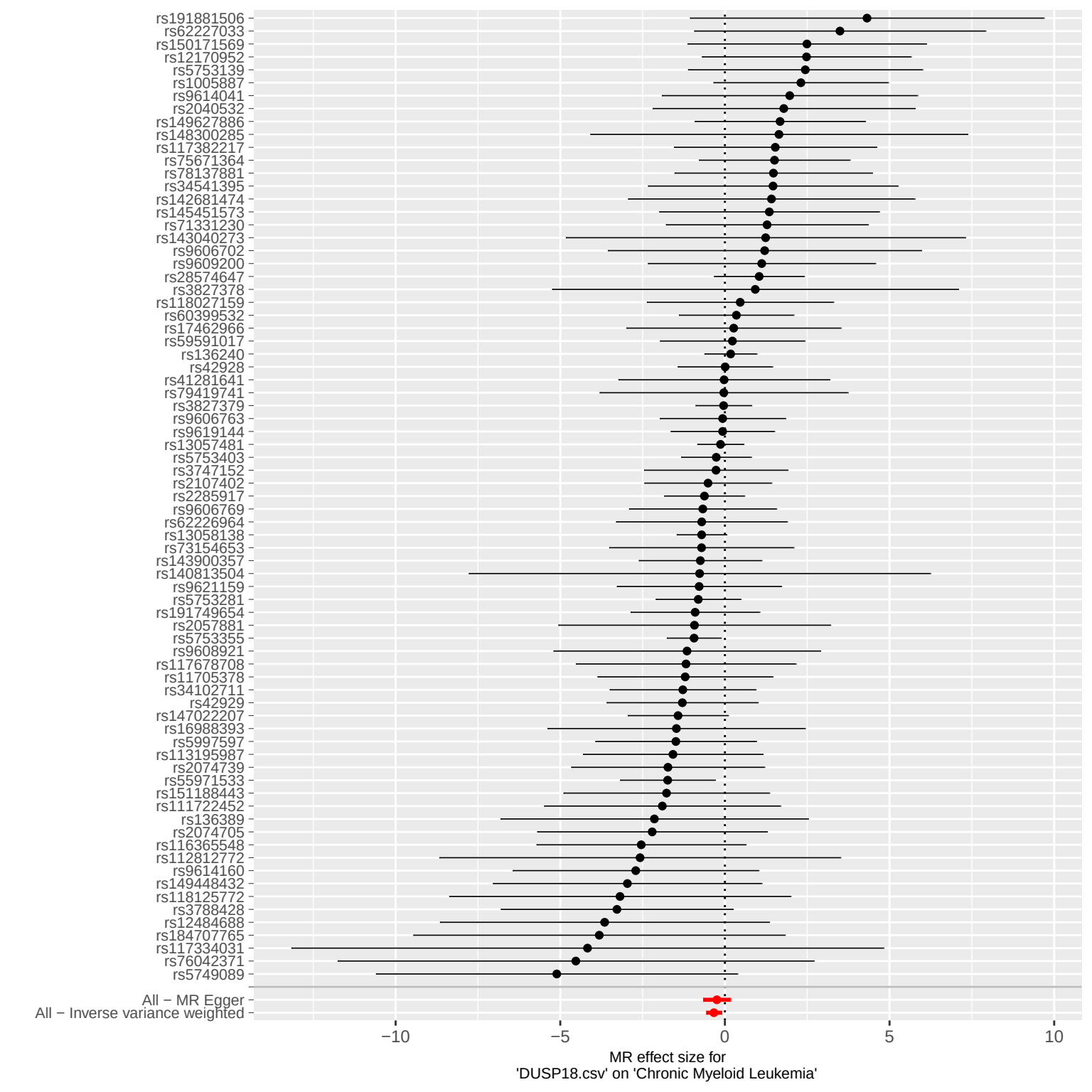
MR effect size for
'DUSP16.csv' on 'Chronic Myeloid Leukemia'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rs75671364
rs78137881
rs34541395
rs142681474
rs145451573
rs71331230
rs143040273
rs9606702
rs9609200
rs28574647
rs3827378
rs118027159
rs60399532
rs17462966
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rs136240
rs42928
rs41281641
rs79419741
rs3827379
rs9606763
rs9619144
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rs3747152
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rs9614160
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rs12484688
rs184707765
rs117334031
rs76042371
rs5749089
All − MR Egger
All − Inverse variance weighted
−10
−5
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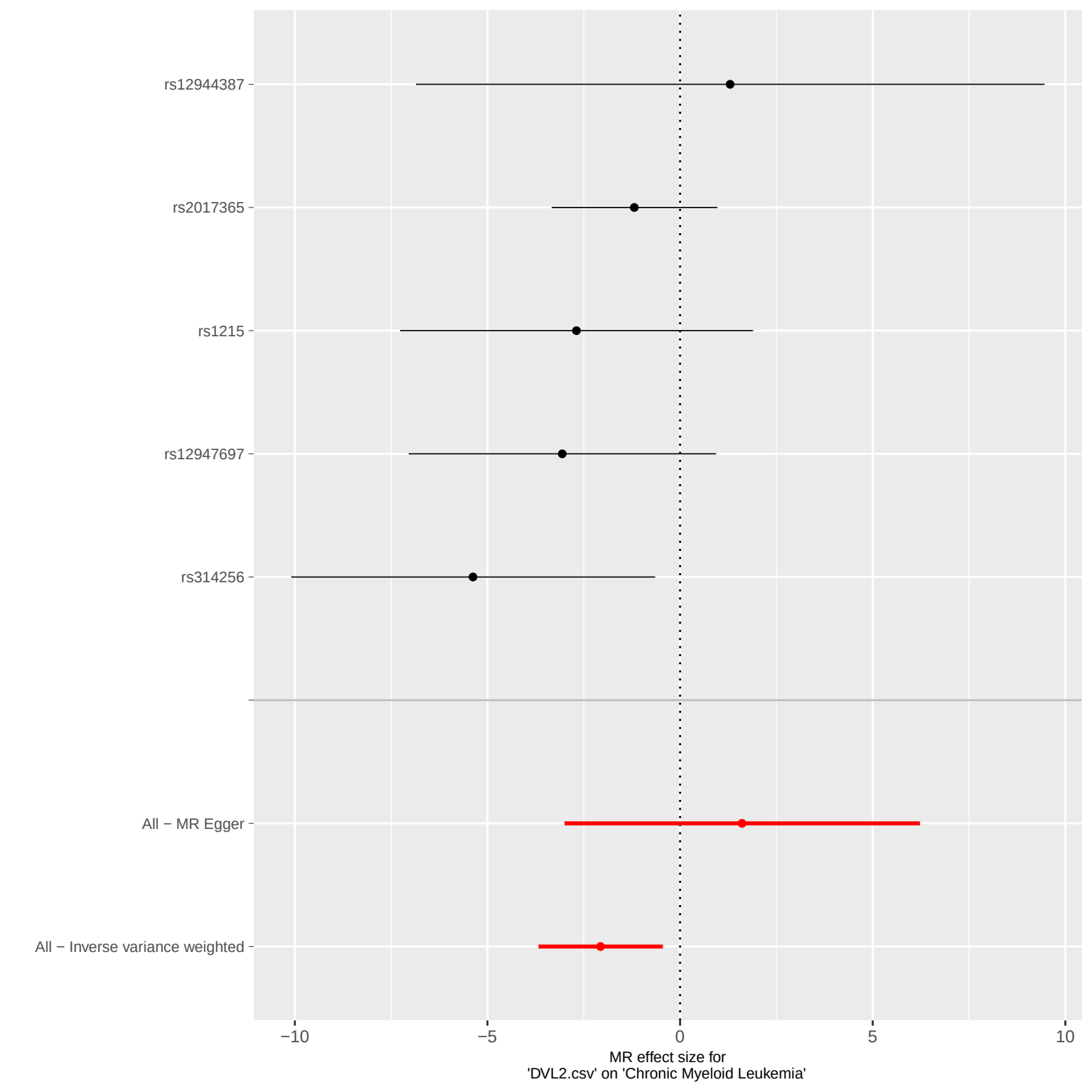
10
MR effect size for
'DUSP18.csv' on 'Chronic Myeloid Leukemia'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rs2017365
rs1215
rs12947697
rs314256
All − MR Egger
All − Inverse variance weighted
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−5
0
5
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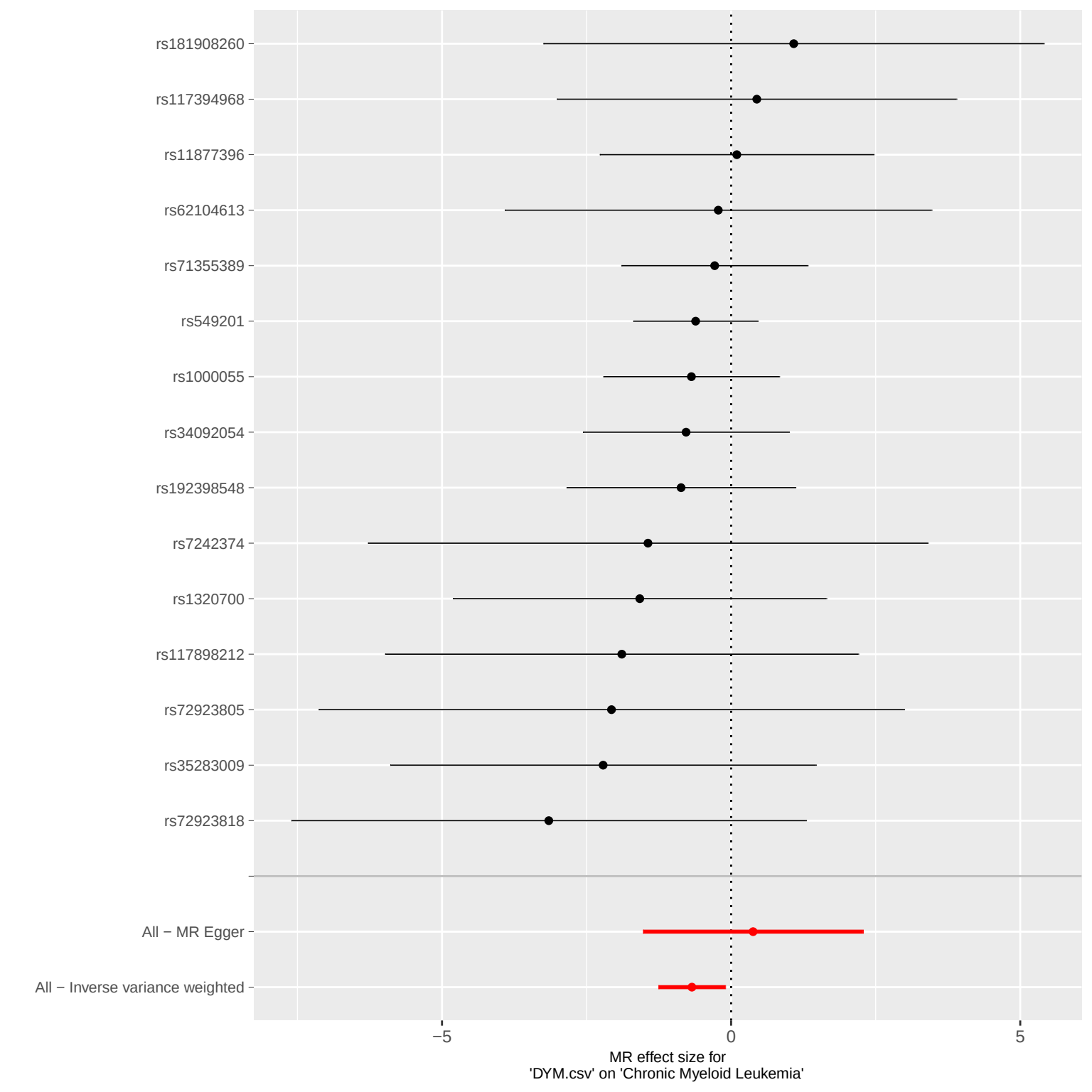
MR effect size for
'DVL2.csv' on 'Chronic Myeloid Leukemia'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rs549201
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rs34092054
rs192398548
rs7242374
rs1320700
rs117898212
rs72923805
rs35283009
rs72923818
All − MR Egger
All − Inverse variance weighted
−5
0
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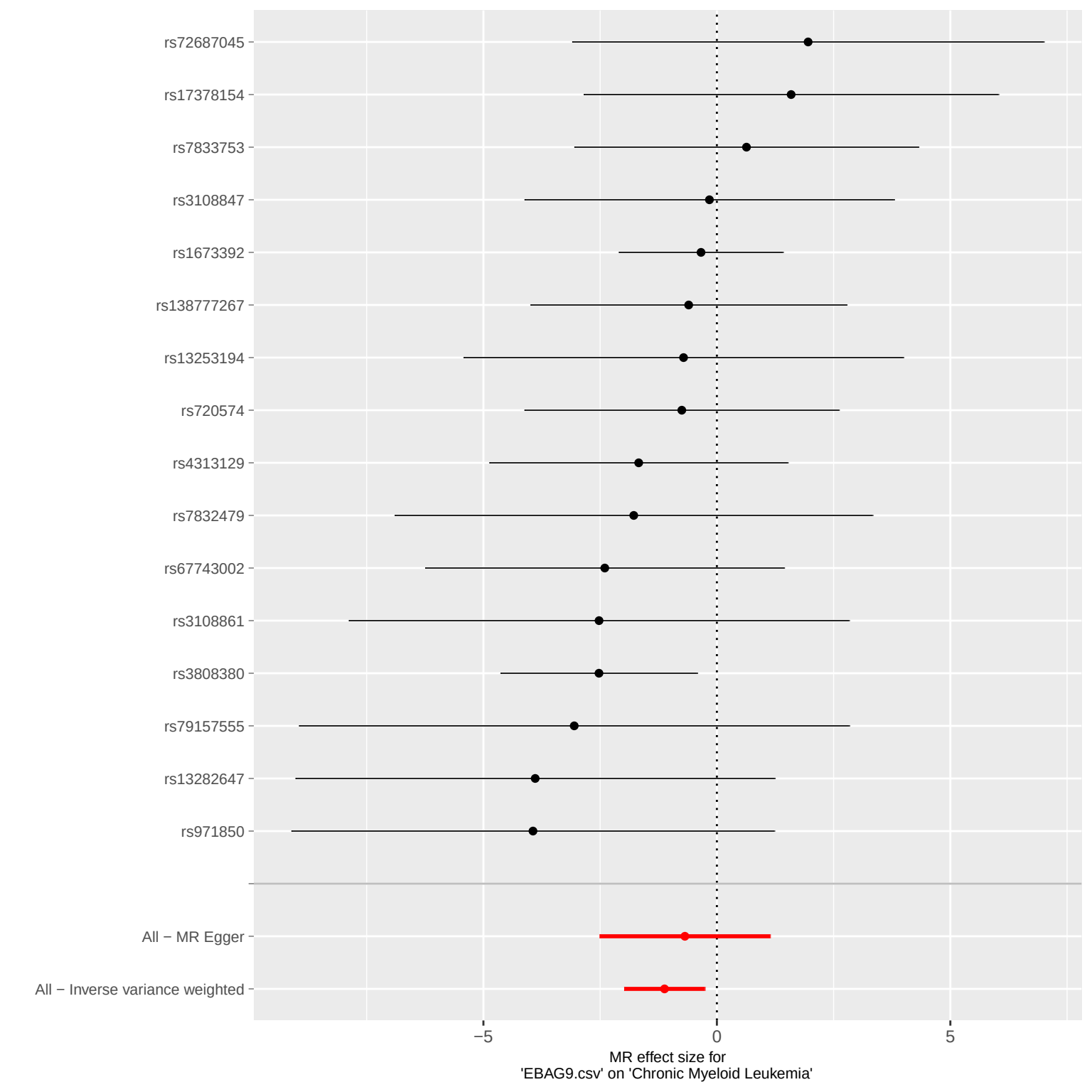
MR effect size for
'DYM.csv' on 'Chronic Myeloid Leukemia'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rs13253194
rs720574
rs4313129
rs7832479
rs67743002
rs3108861
rs3808380
rs79157555
rs13282647
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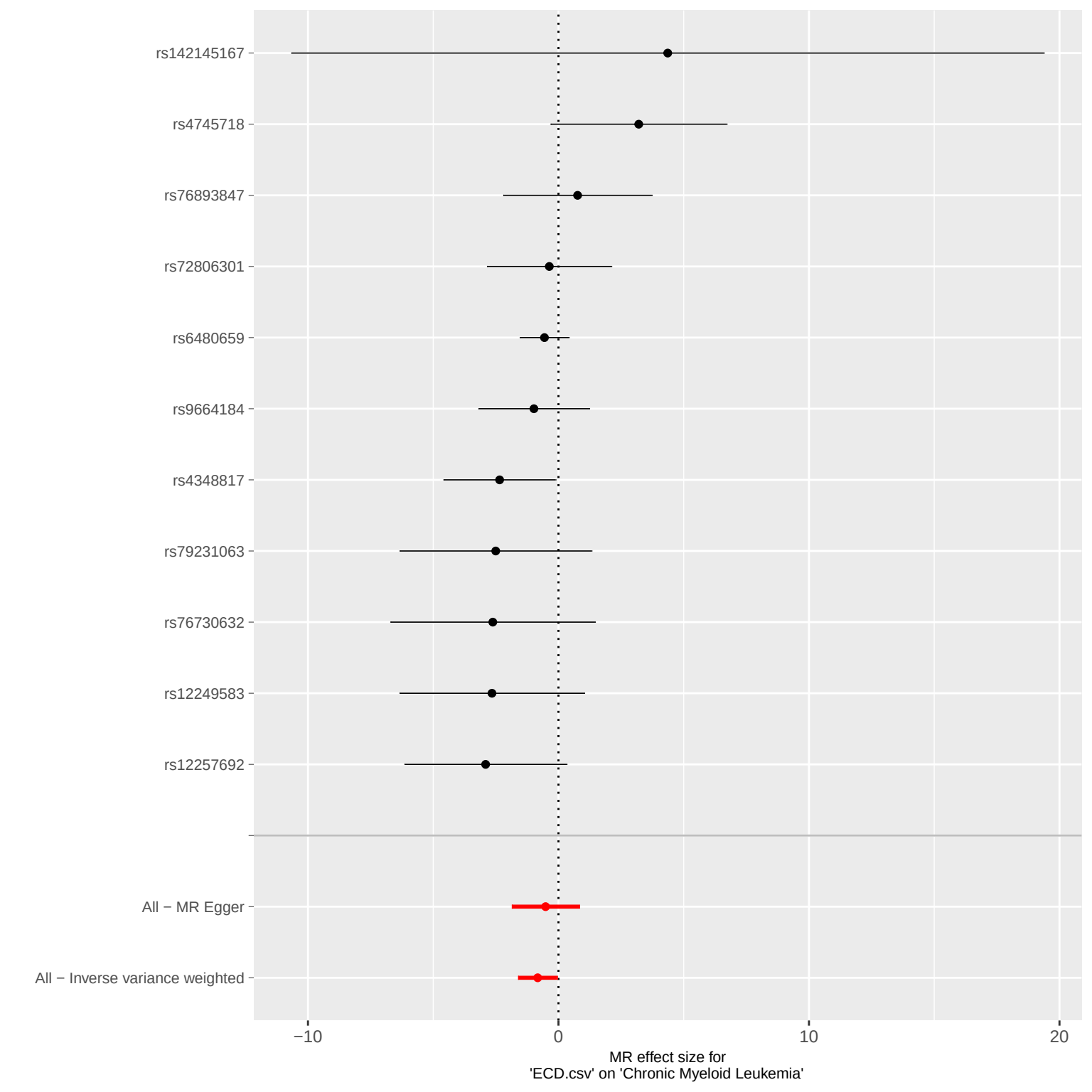
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'EBAG9.csv' on 'Chronic Myeloid Leukemia'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rs4745718
rs76893847
rs72806301
rs6480659
rs9664184
rs4348817
rs79231063
rs76730632
rs12249583
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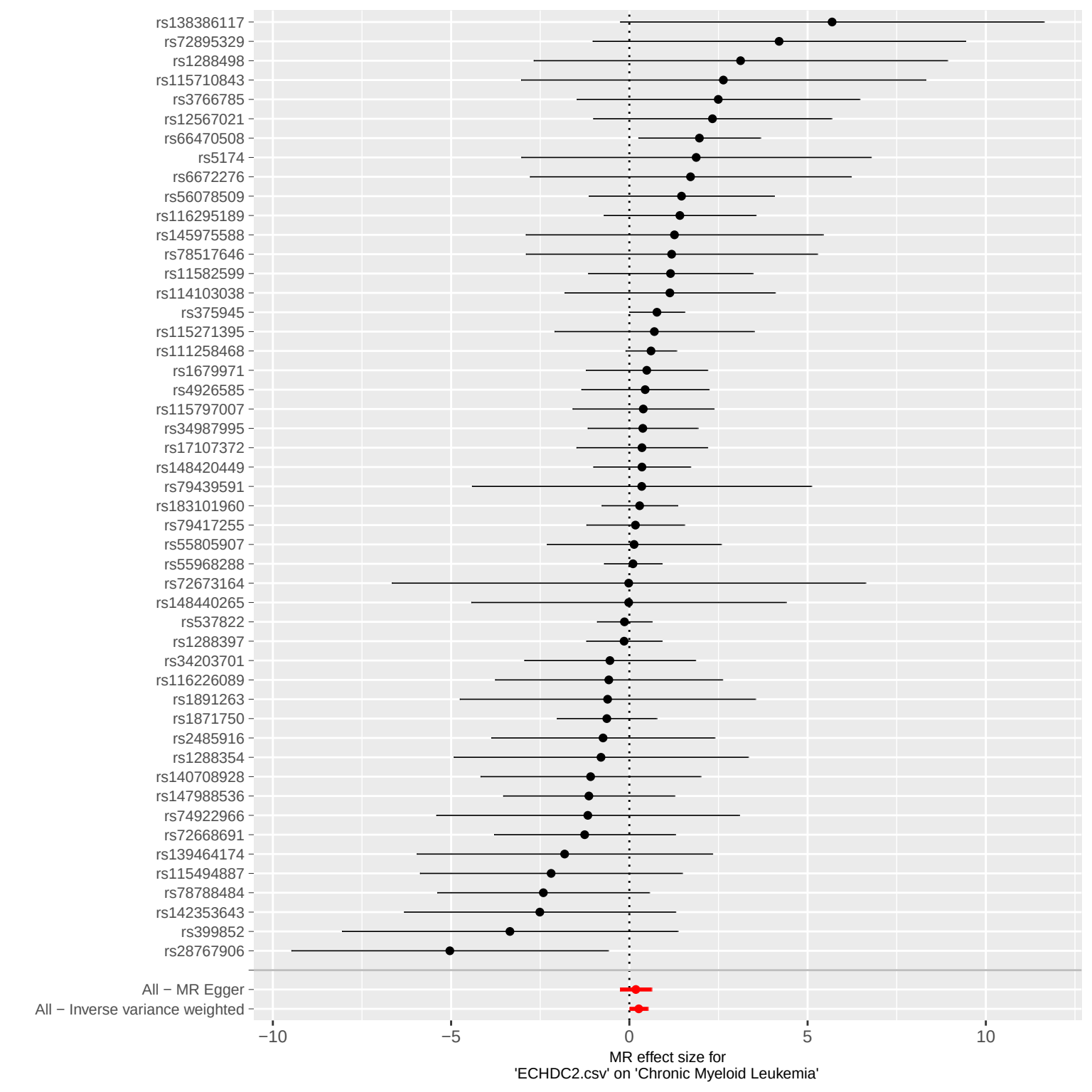
All − MR Egger
All − Inverse variance weighted
−10
0
10
20
MR effect size for
'ECD.csv' on 'Chronic Myeloid Leukemia'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rs114103038
rs375945
rs115271395
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rs1679971
rs4926585
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rs17107372
rs148420449
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rs183101960
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rs55805907
rs55968288
rs72673164
rs148440265
rs537822
rs1288397
rs34203701
rs116226089
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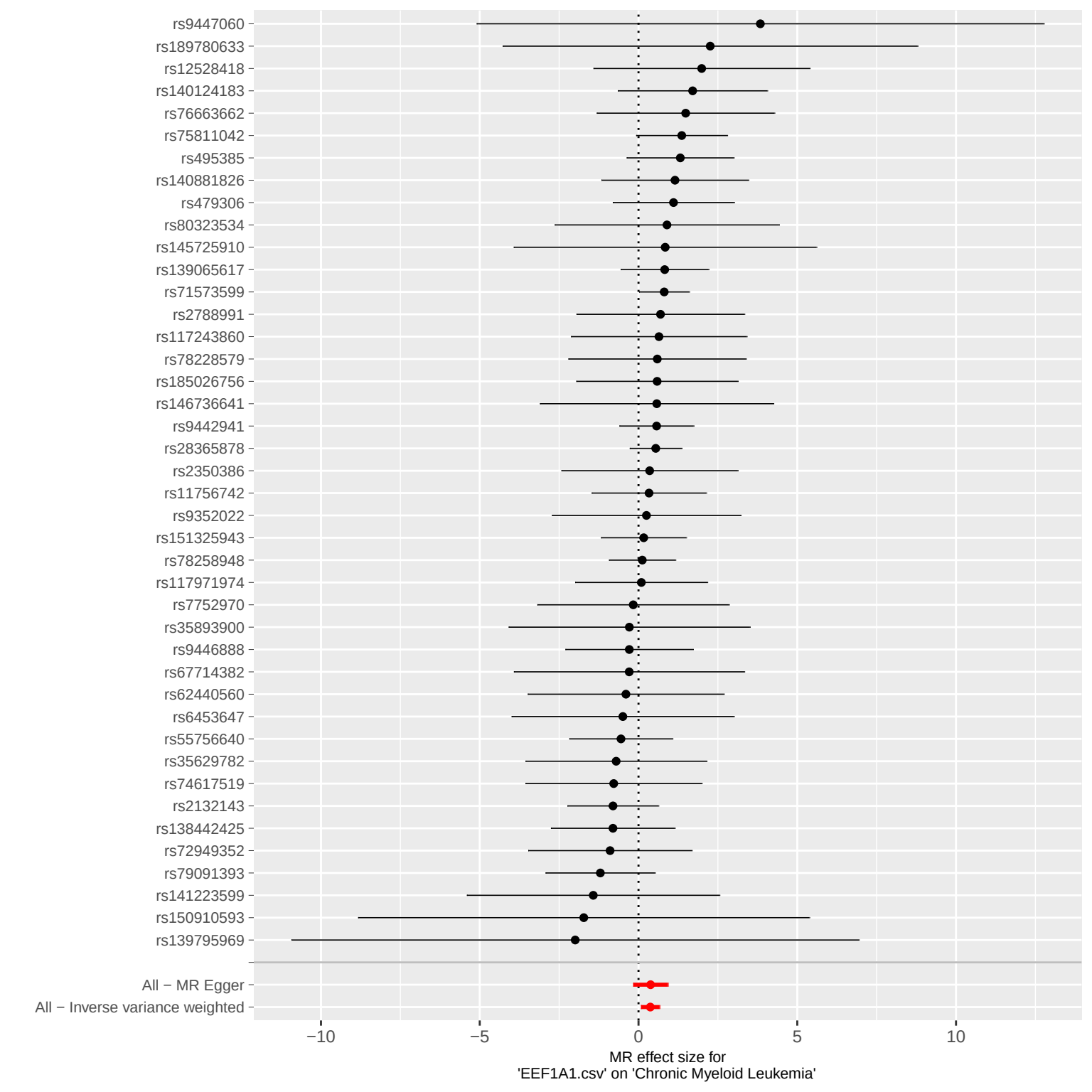
rs2485916
rs1288354
rs140708928
rs147988536
rs74922966
rs72668691
rs139464174
rs115494887
rs78788484
rs142353643
rs399852
rs28767906
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ECHDC2.csv' on 'Chronic Myeloid Leukemia'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rs2788991
rs117243860
rs78228579
rs185026756
rs146736641
rs9442941
rs28365878
rs2350386
rs11756742
rs9352022
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rs117971974
rs7752970
rs35893900
rs9446888
rs67714382
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rs6453647
rs55756640
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rs72949352
rs79091393
rs141223599
rs150910593
rs139795969
All − MR Egger
All − Inverse variance weighted
−10
−5
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5
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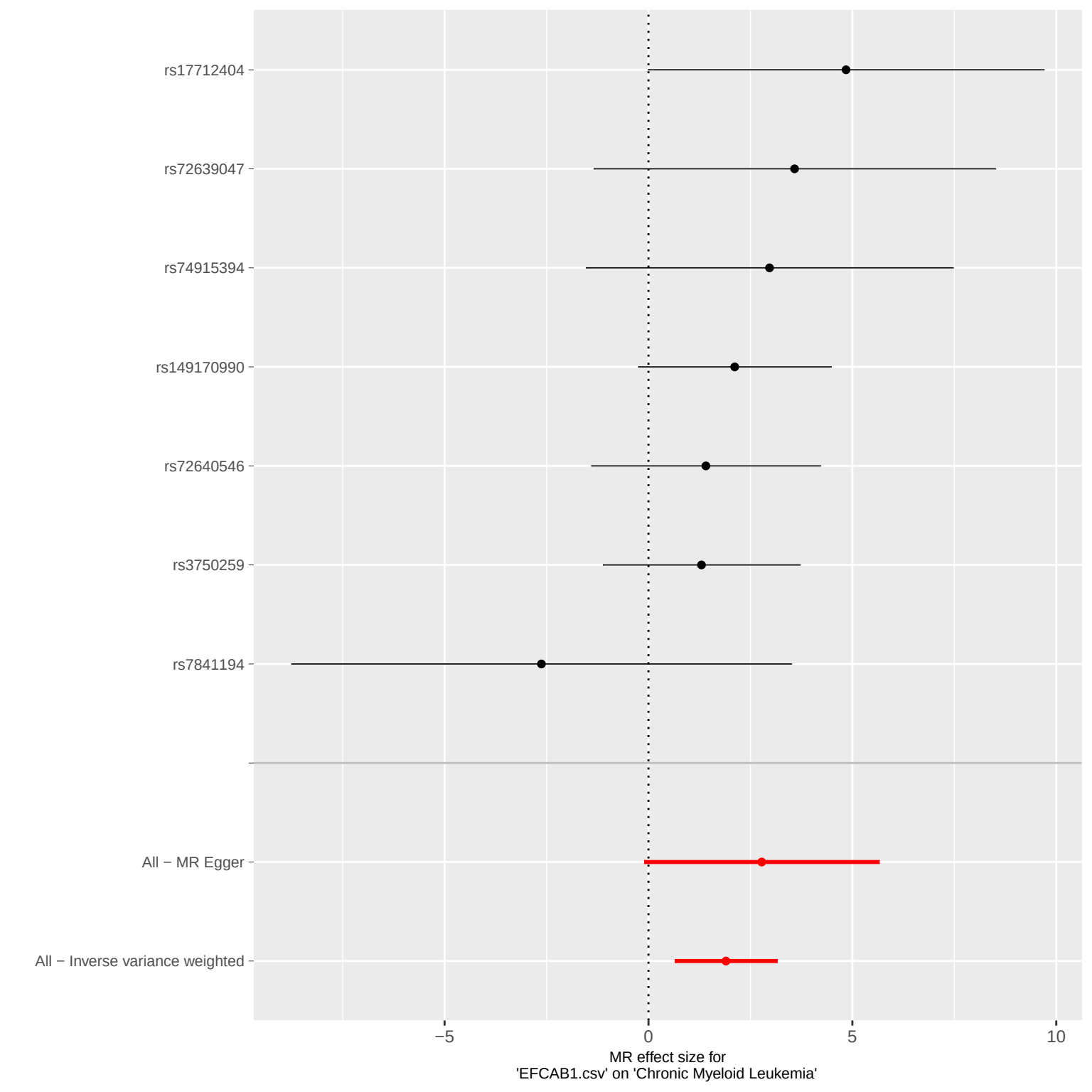
MR effect size for
'EEF1A1.csv' on 'Chronic Myeloid Leukemia'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rs3750259
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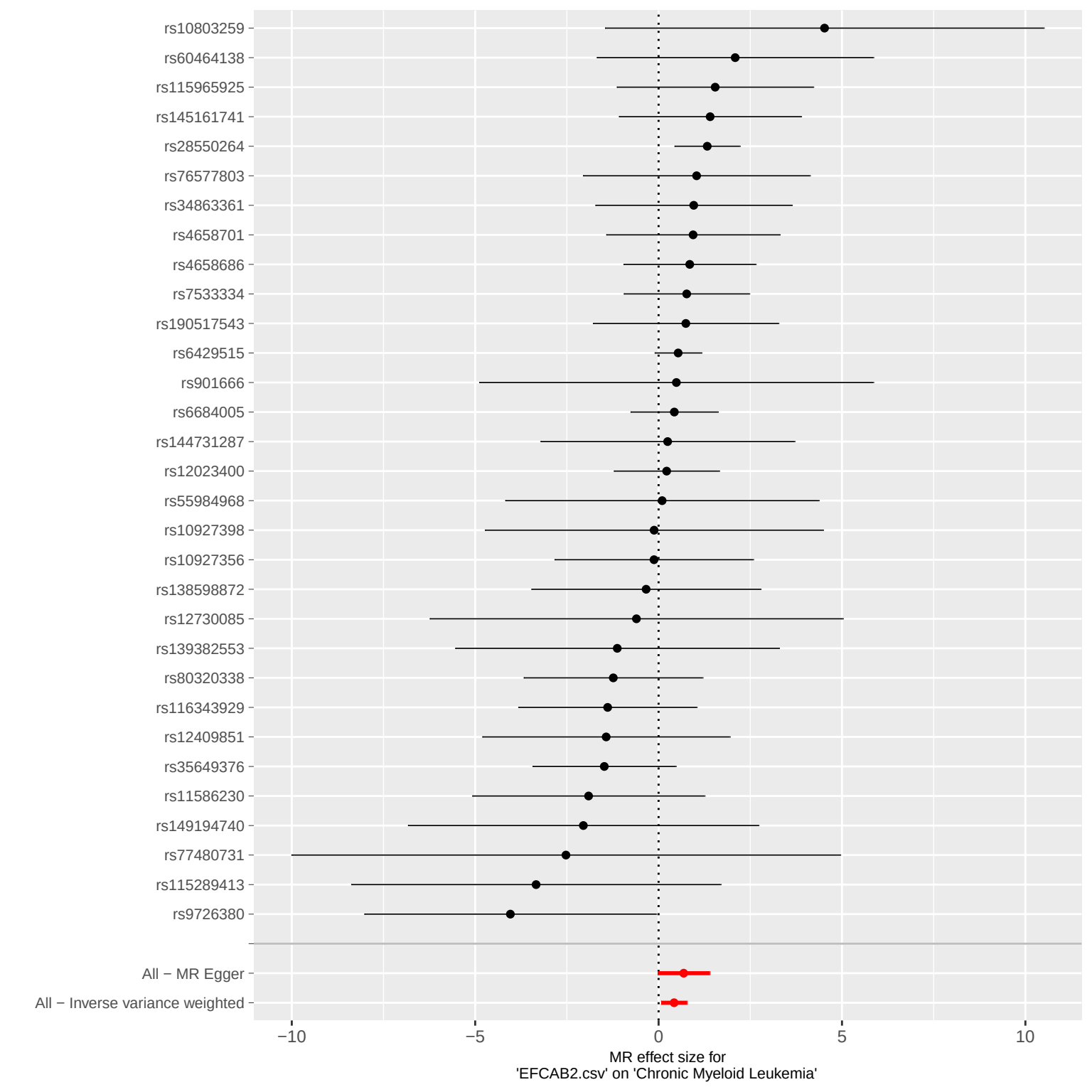
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'EFCAB1.csv' on 'Chronic Myeloid Leukemia'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rs901666
rs6684005
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rs138598872
rs12730085
rs139382553
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rs12409851
rs35649376
rs11586230
rs149194740
rs77480731
rs115289413
rs9726380
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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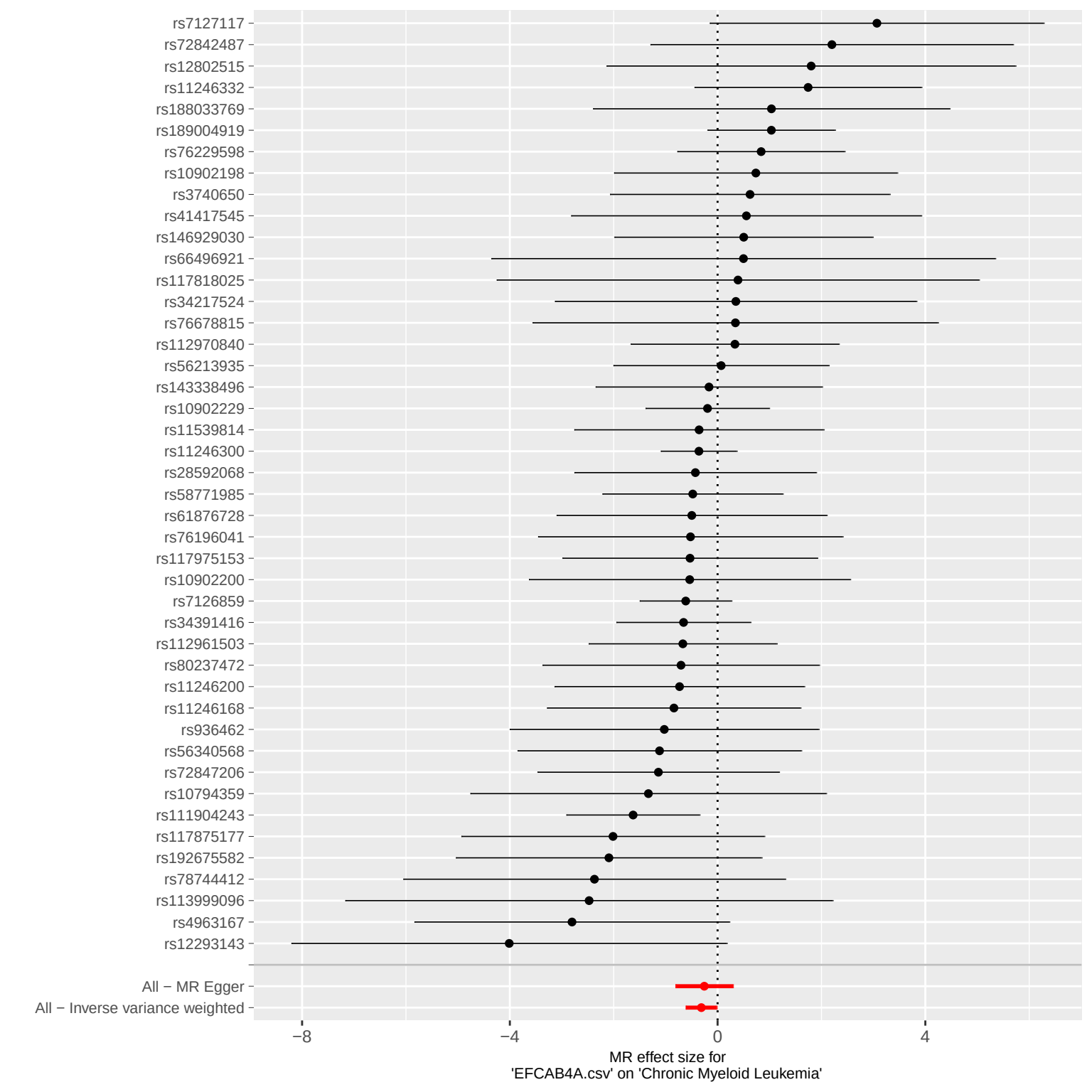
10
MR effect size for
'EFCAB2.csv' on 'Chronic Myeloid Leukemia'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rs192675582
rs78744412
rs113999096
rs4963167
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All − MR Egger
All − Inverse variance weighted
−8
−4
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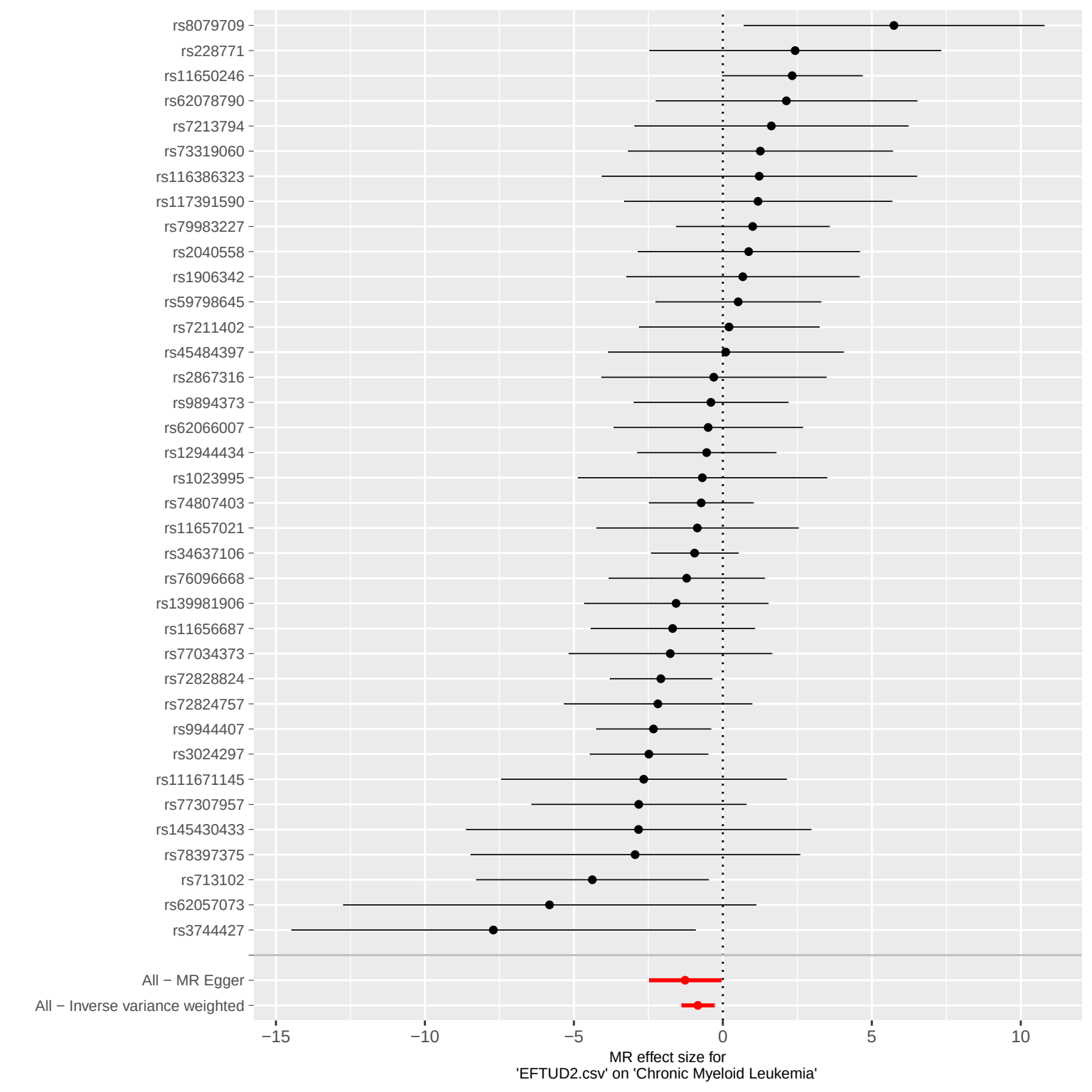
4
MR effect size for
'EFCAB4A.csv' on 'Chronic Myeloid Leukemia'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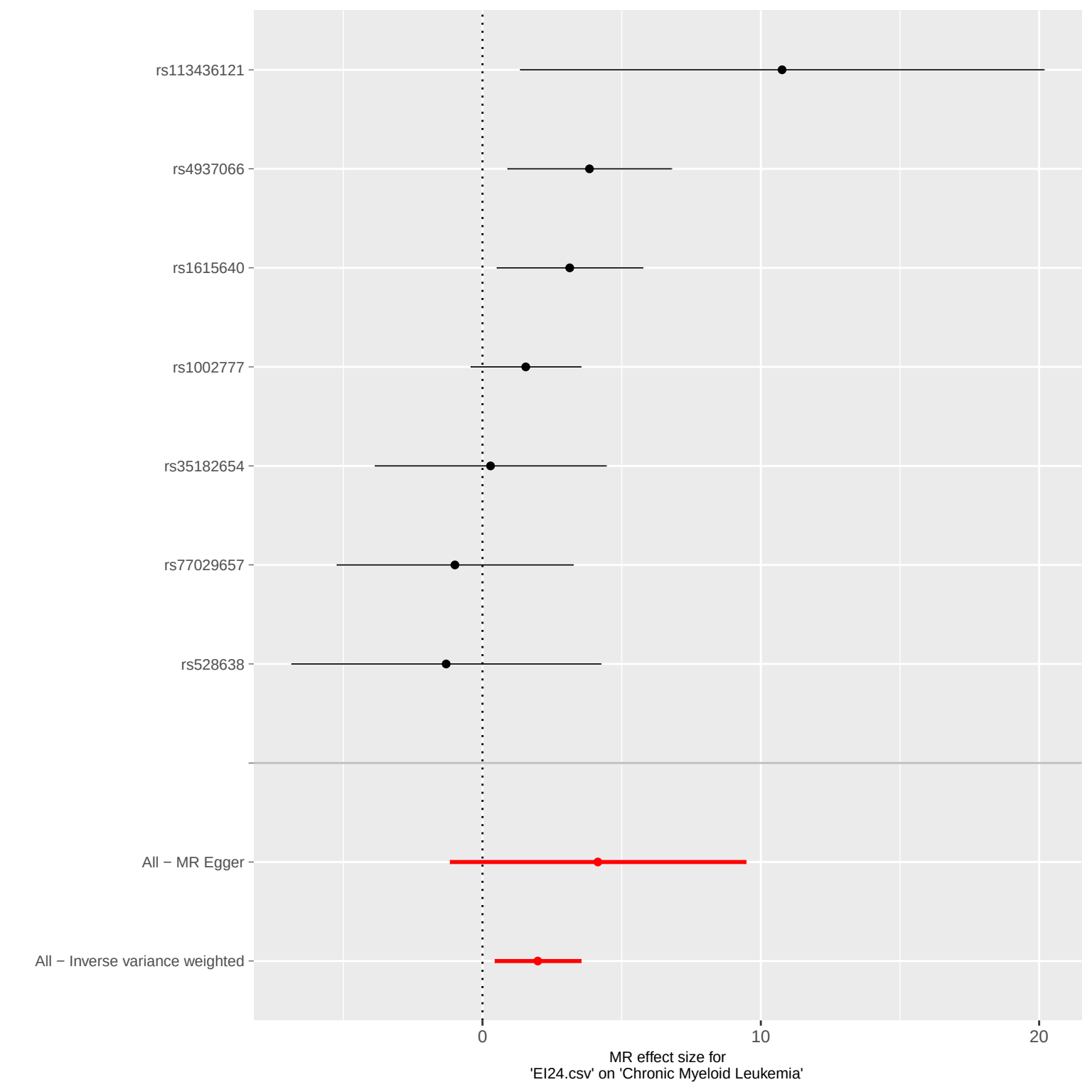
rs3024297
rs111671145
rs77307957
rs145430433
rs78397375
rs713102
rs62057073
rs3744427
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
10
MR effect size for
'EFTUD2.csv' on 'Chronic Myeloid Leukemia'


rs113436121
rs4937066
rs1615640
rs1002777
rs35182654
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All − MR Egger
All − Inverse variance weighted
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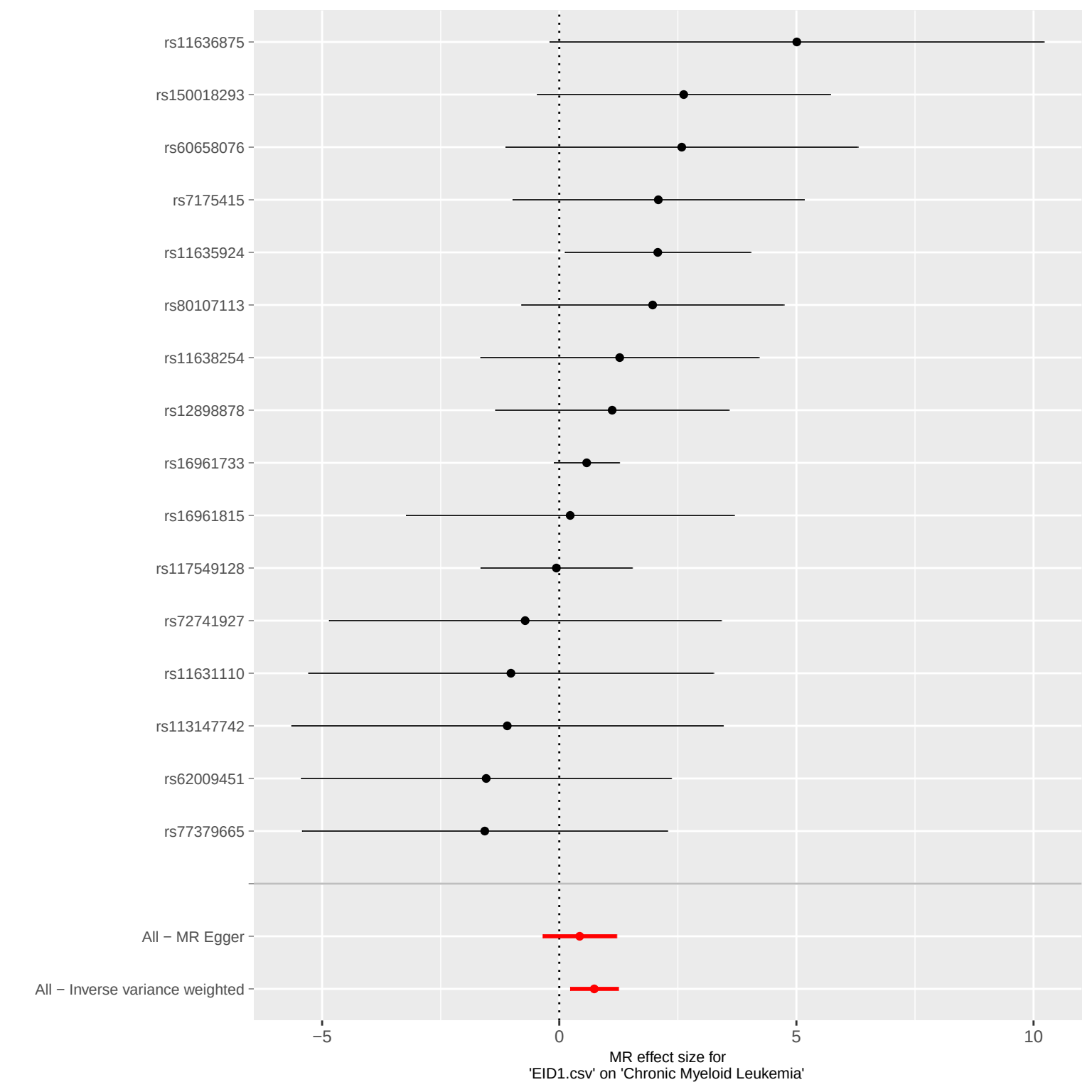
MR effect size for
'EI24.csv' on 'Chronic Myeloid Leukemia'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rs117549128
rs72741927
rs11631110
rs113147742
rs62009451
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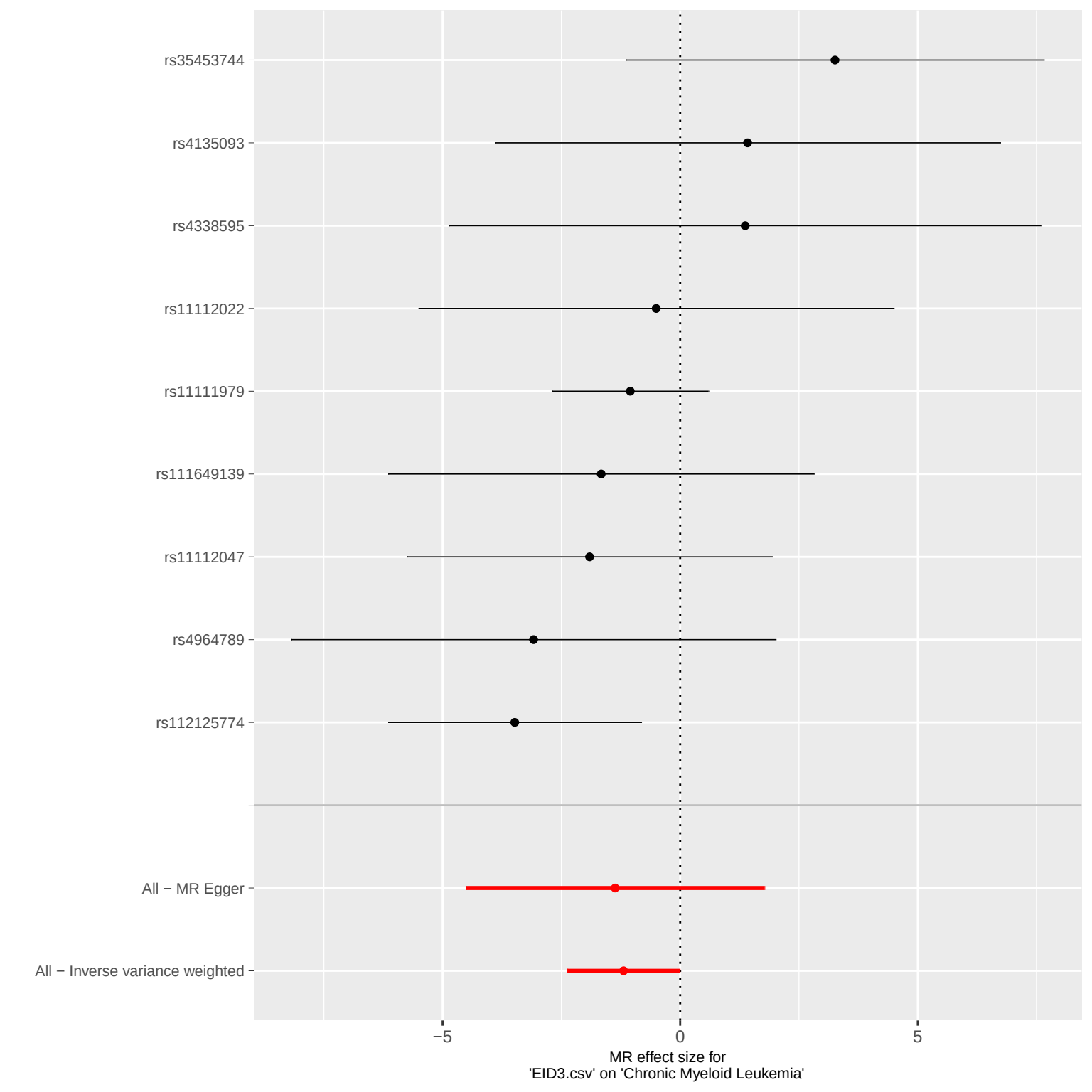
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'EID1.csv' on 'Chronic Myeloid Leukemia'


rs35453744
rs4135093
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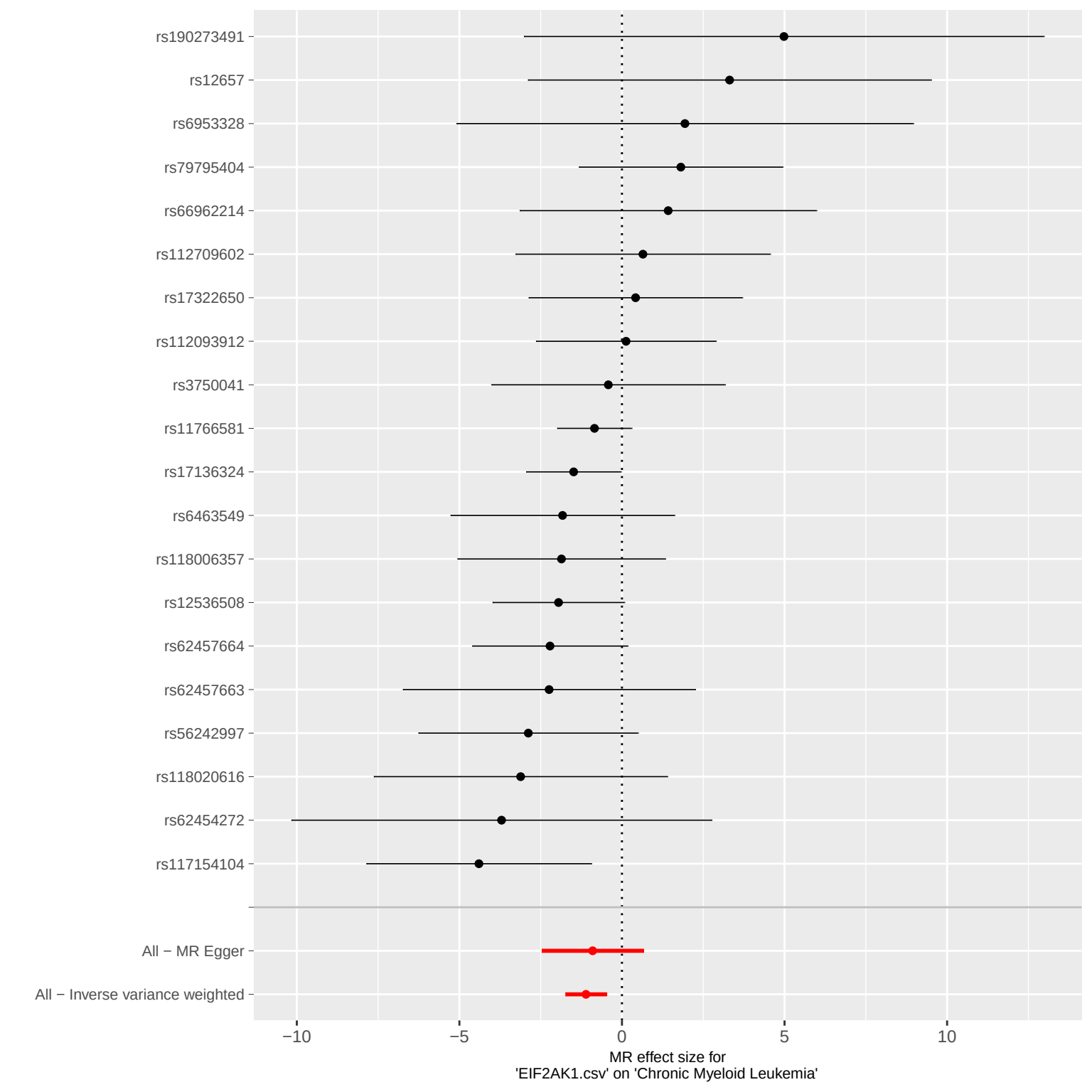
rs11112022
rs11111979
rs111649139
rs11112047
rs4964789
rs112125774
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'EID3.csv' on 'Chronic Myeloid Leukemia'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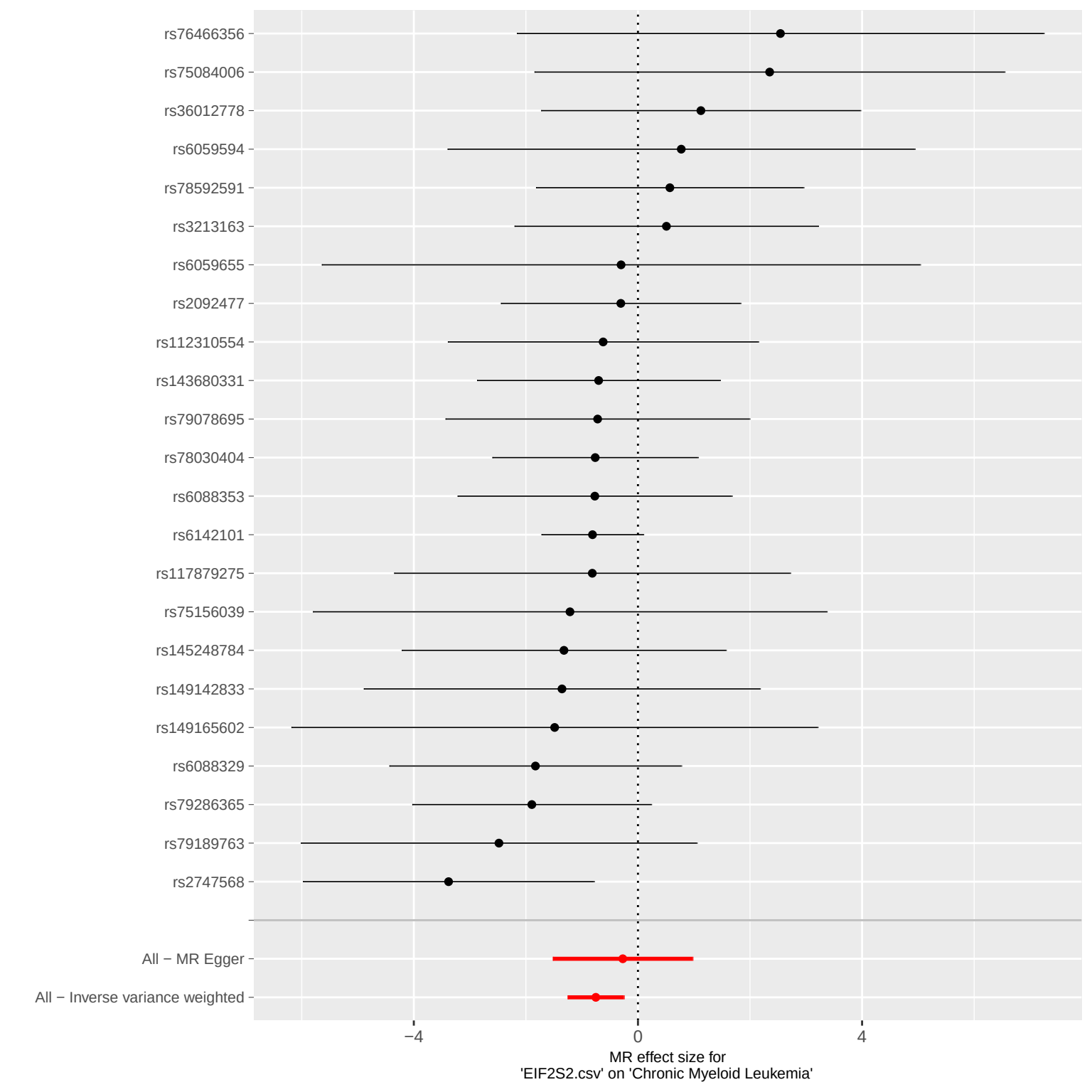
rs6463549
rs118006357
rs12536508
rs62457664
rs62457663
rs56242997
rs118020616
rs62454272
rs117154104
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'EIF2AK1.csv' on 'Chronic Myeloid Leukemia'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rs78030404
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rs6142101
rs117879275
rs75156039
rs145248784
rs149142833
rs149165602
rs6088329
rs79286365
rs79189763
rs2747568
All − MR Egger
All − Inverse variance weighted
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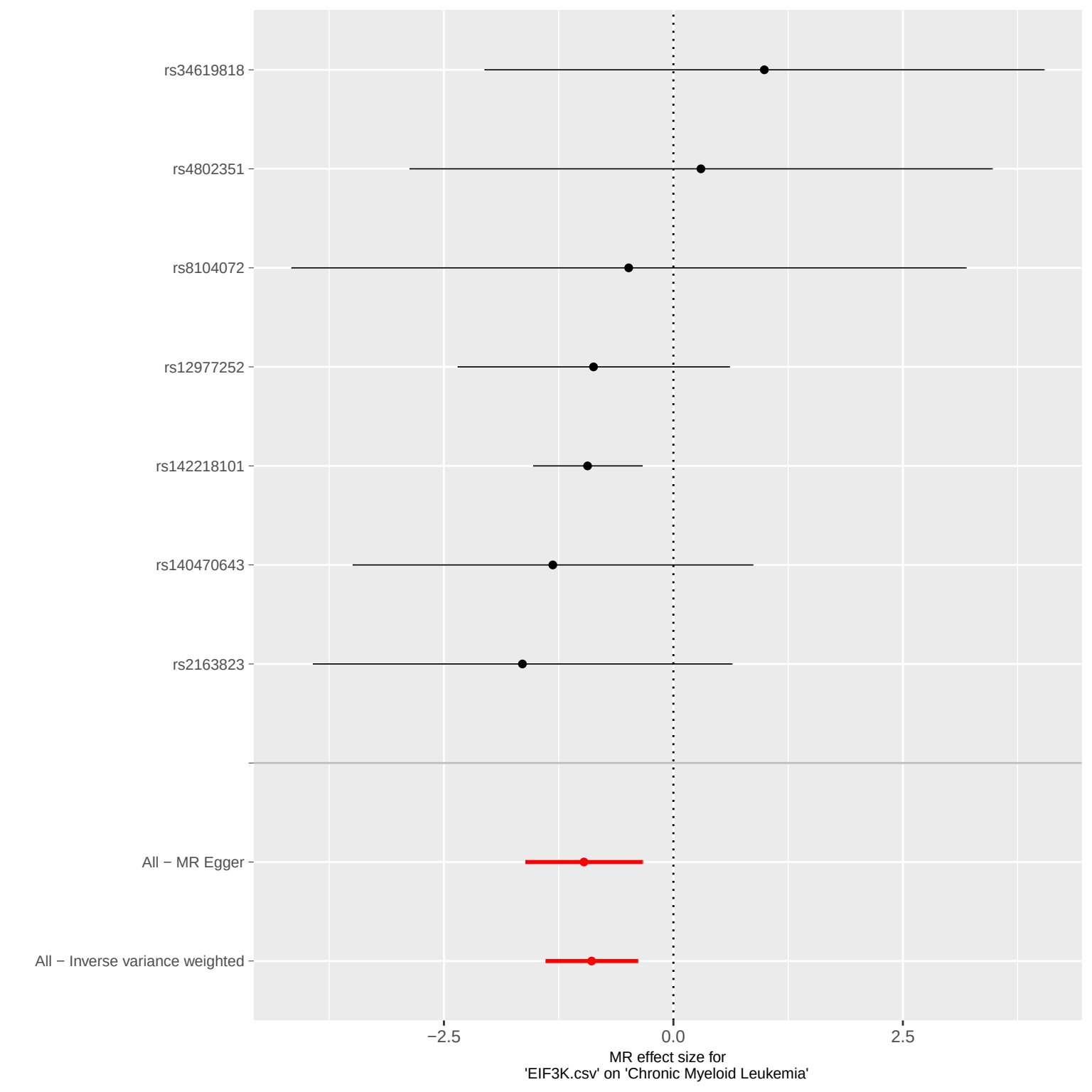
4
MR effect size for
'EIF2S2.csv' on 'Chronic Myeloid Leukemia'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rs12977252
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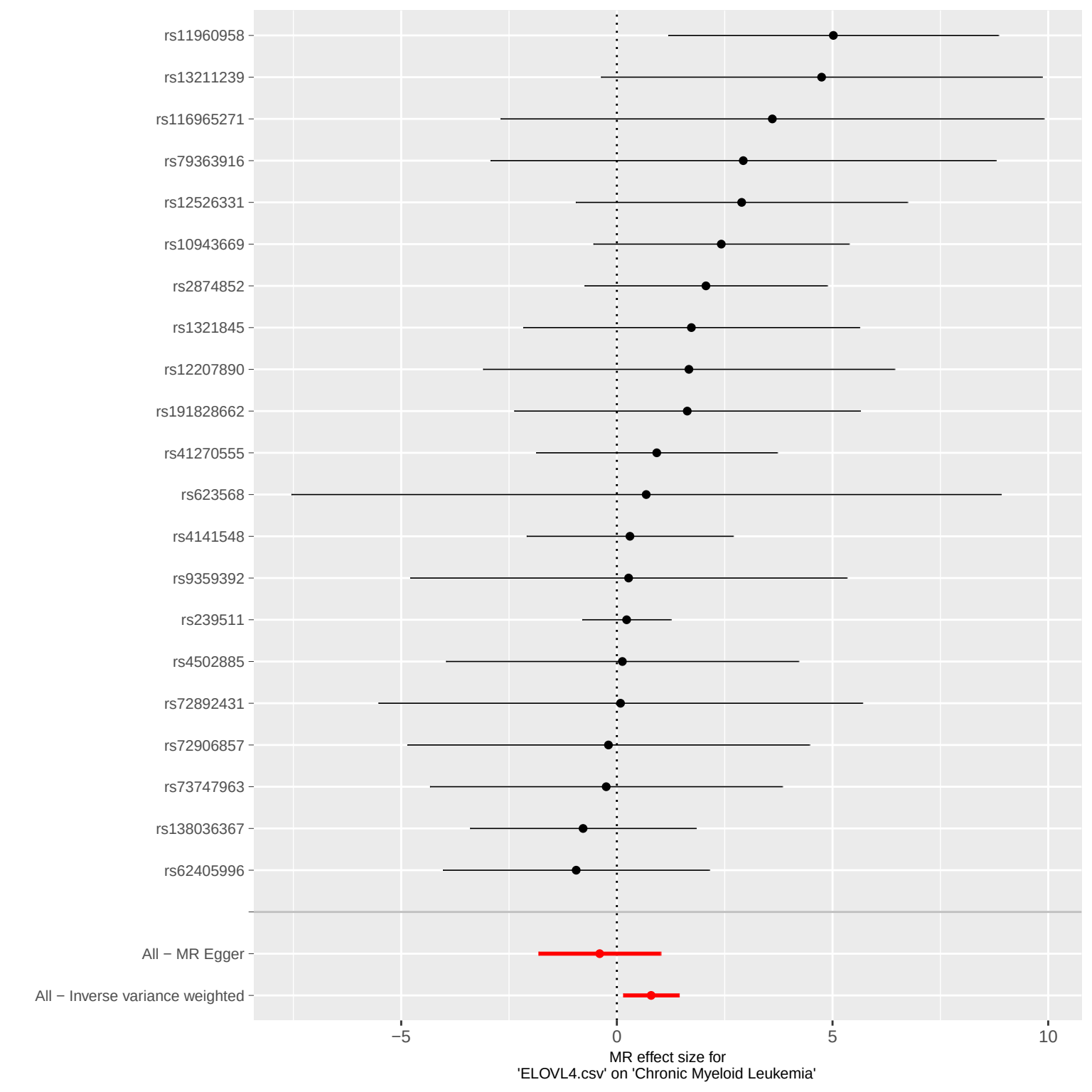
rs140470643
rs2163823
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'EIF3K.csv' on 'Chronic Myeloid Leukemia'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rs4502885
rs72892431
rs72906857
rs73747963
rs138036367
rs62405996
All − MR Egger
All − Inverse variance weighted
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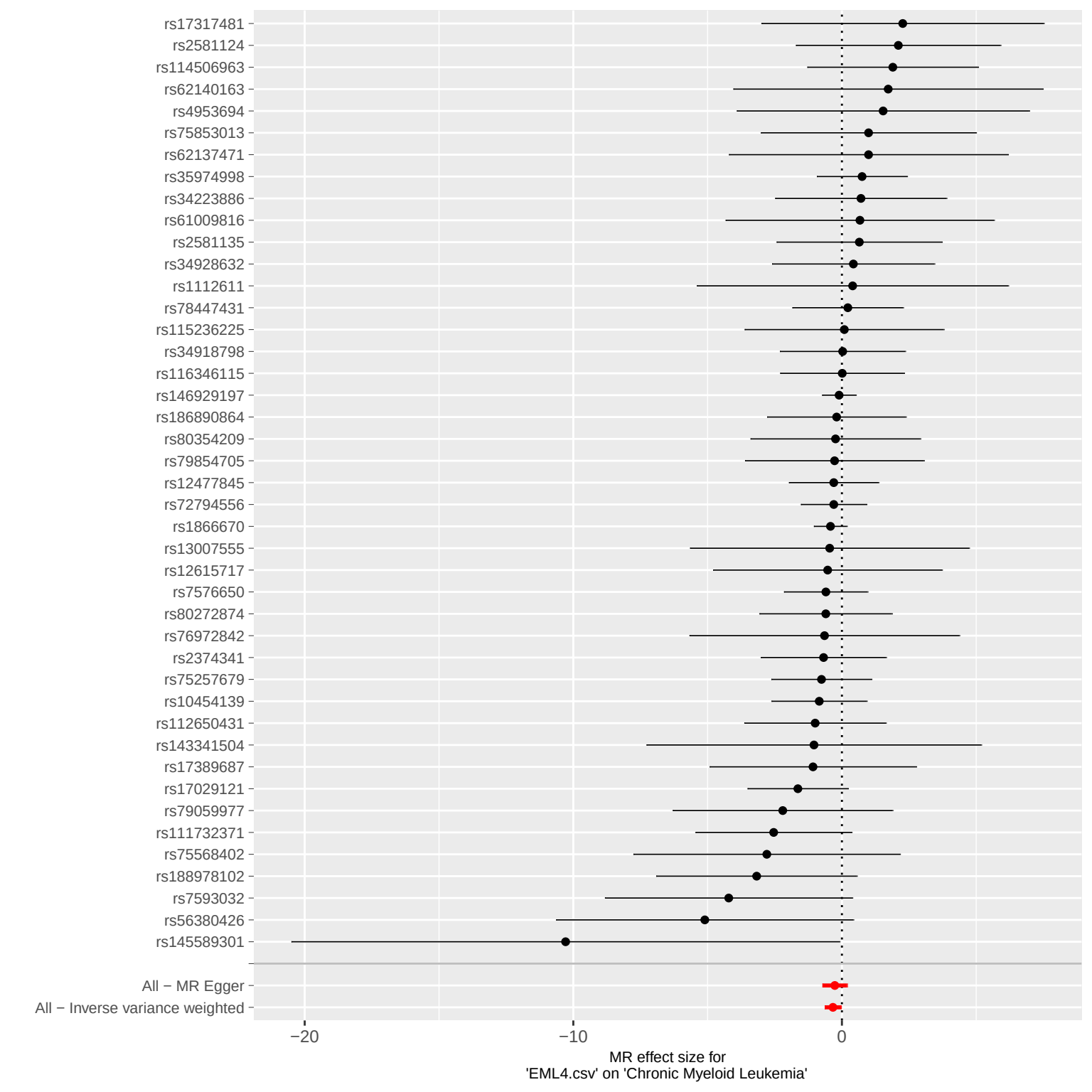
10
MR effect size for
'ELOVL4.csv' on 'Chronic Myeloid Leukemia'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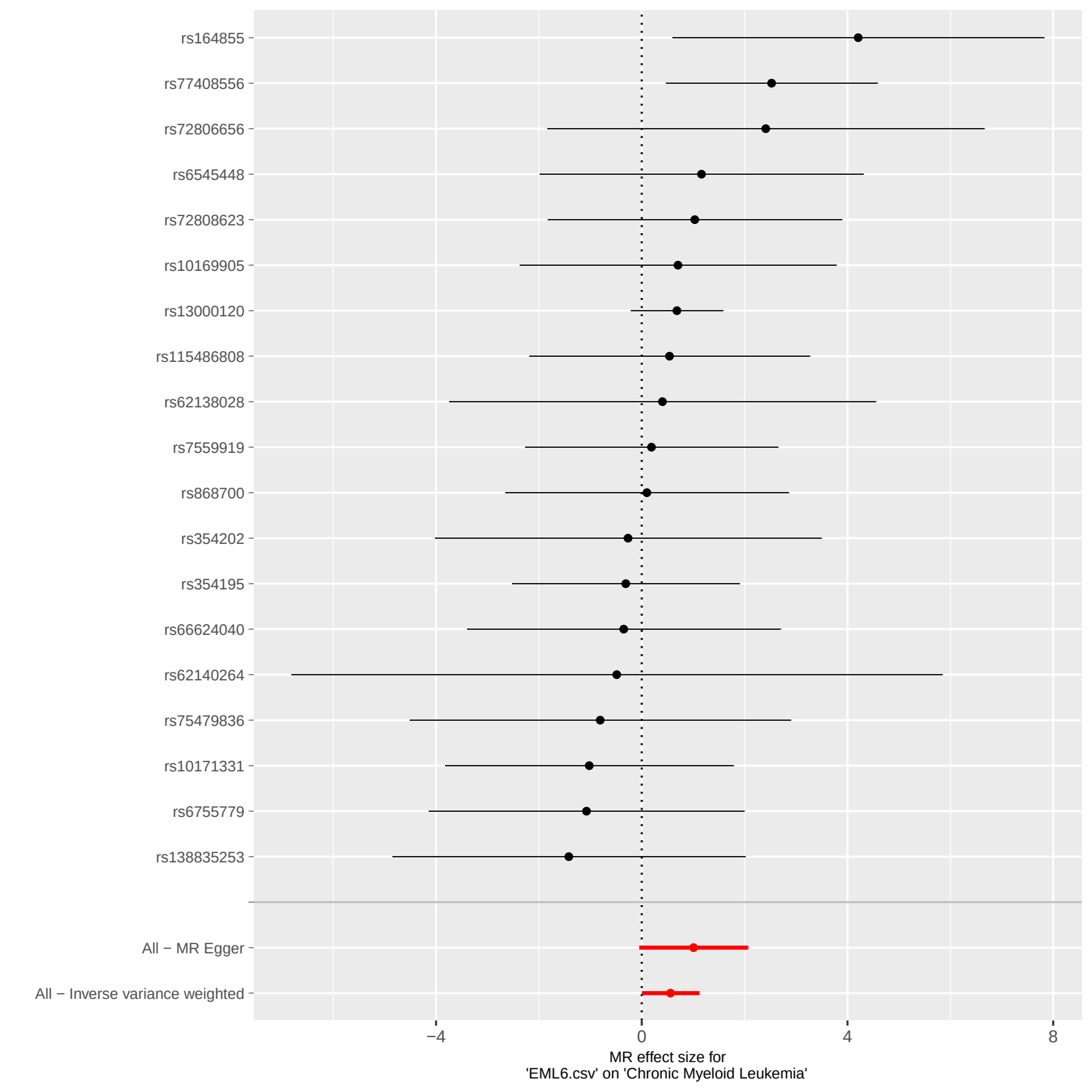
rs111732371
rs75568402
rs188978102
rs7593032
rs56380426
rs145589301
All − MR Egger
All − Inverse variance weighted
−20
−10
0
MR effect size for
'EML4.csv' on 'Chronic Myeloid Leukemia'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rs6545448
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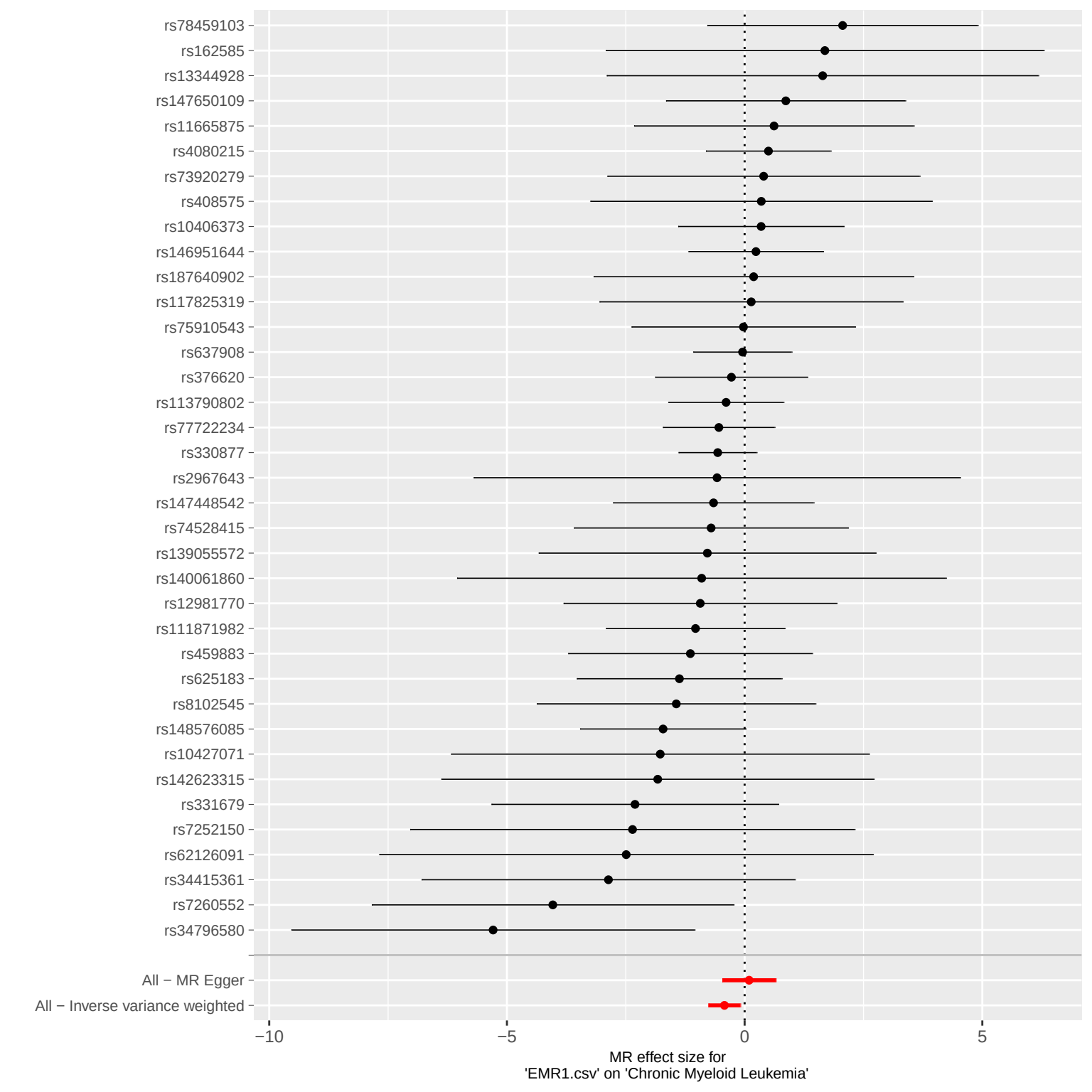
rs62138028
rs7559919
rs868700
rs354202
rs354195
rs66624040
rs62140264
rs75479836
rs10171331
rs6755779
rs138835253
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'EML6.csv' on 'Chronic Myeloid Leukemia'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rs117825319
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rs77722234
rs330877
rs2967643
rs147448542
rs74528415
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rs140061860
rs12981770
rs111871982
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rs8102545
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rs331679
rs7252150
rs62126091
rs34415361
rs7260552
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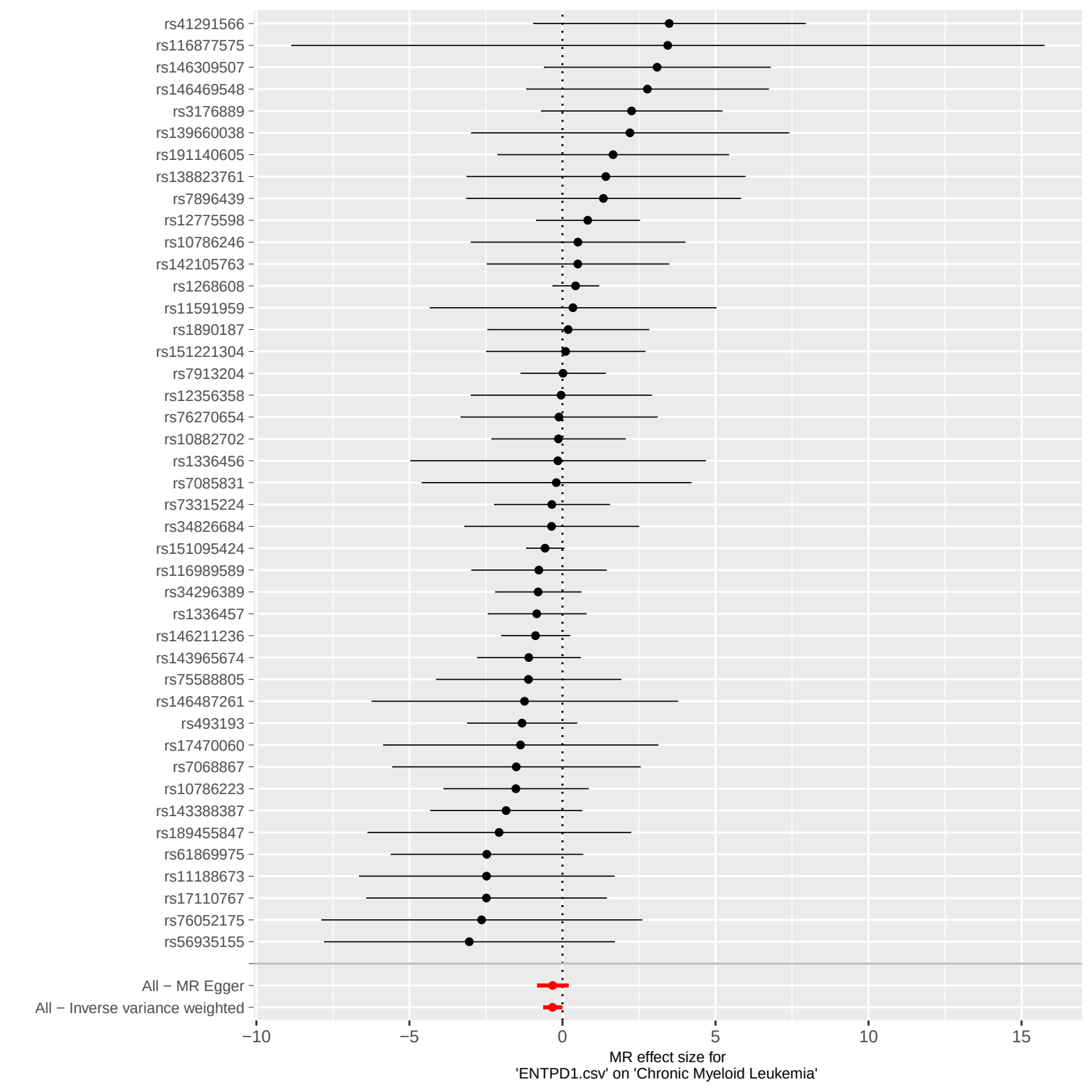
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'EMR1.csv' on 'Chronic Myeloid Leukemia'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rs76052175
rs56935155
All − MR Egger
All − Inverse variance weighted
−10
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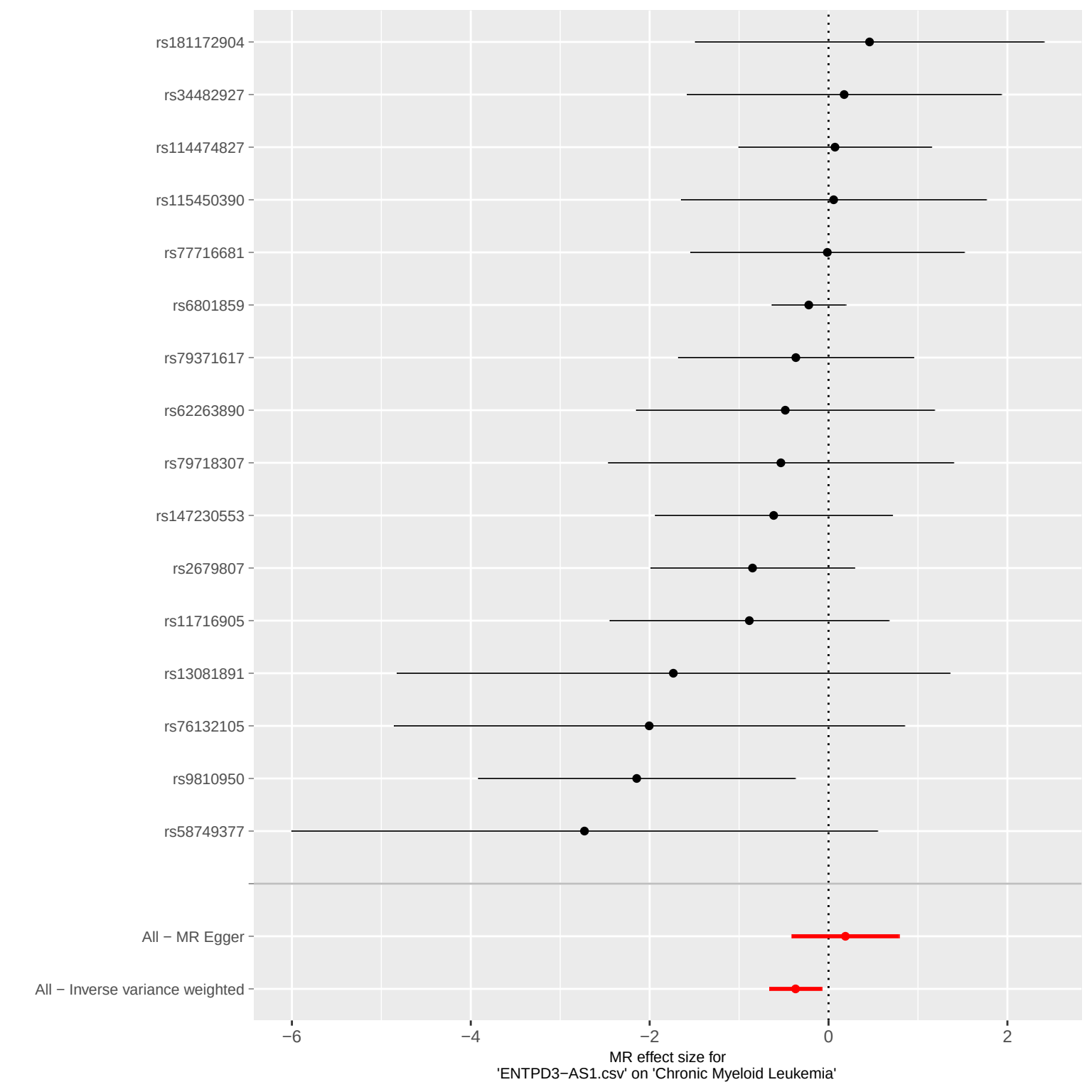
15
MR effect size for
'ENTPD1.csv' on 'Chronic Myeloid Leukemia'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rs11716905
rs13081891
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rs9810950
rs58749377
All − MR Egger
All − Inverse variance weighted
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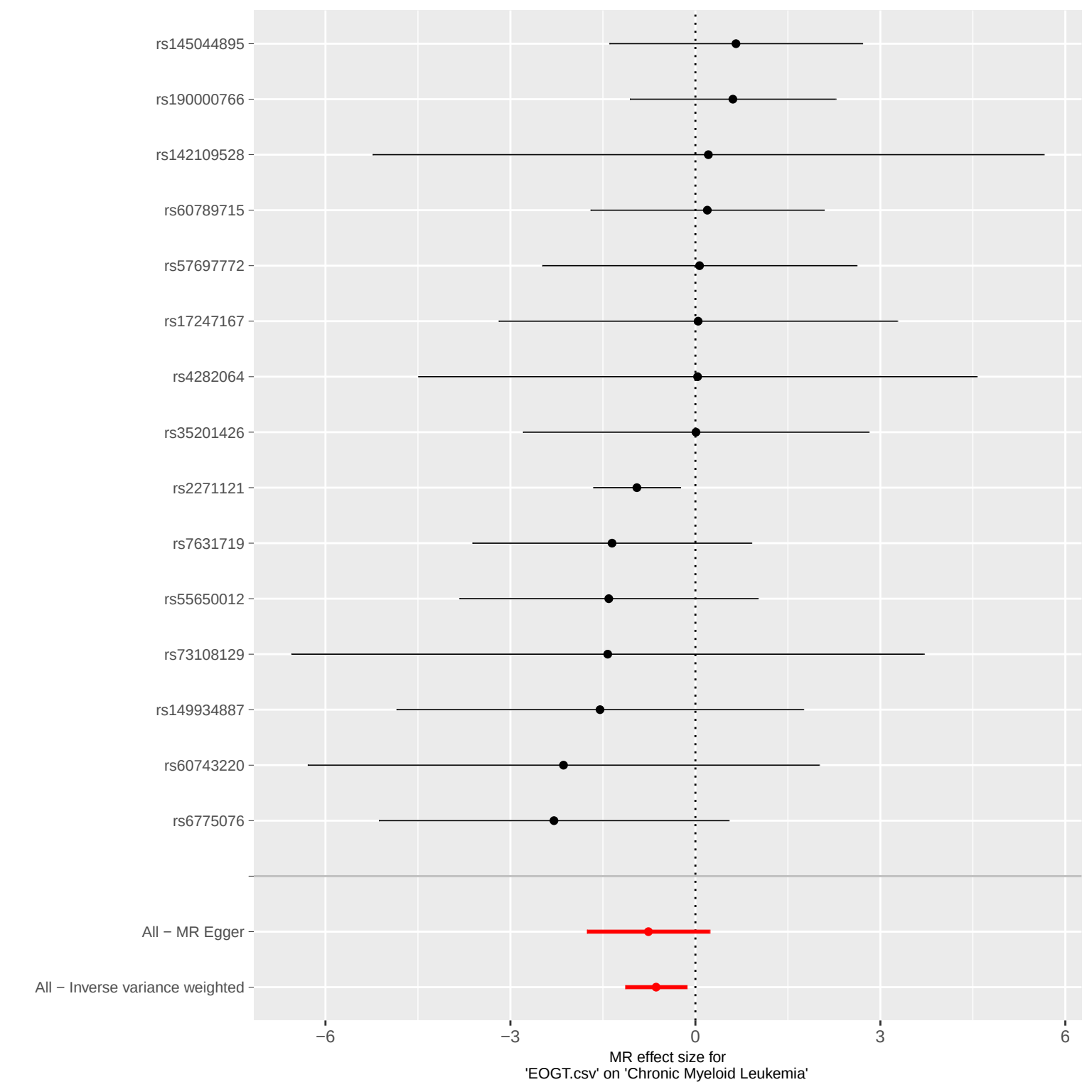
MR effect size for
'ENTPD3−AS1.csv' on 'Chronic Myeloid Leukemia'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rs73108129
rs149934887
rs60743220
rs6775076
All − MR Egger
All − Inverse variance weighted
−6
−3
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3
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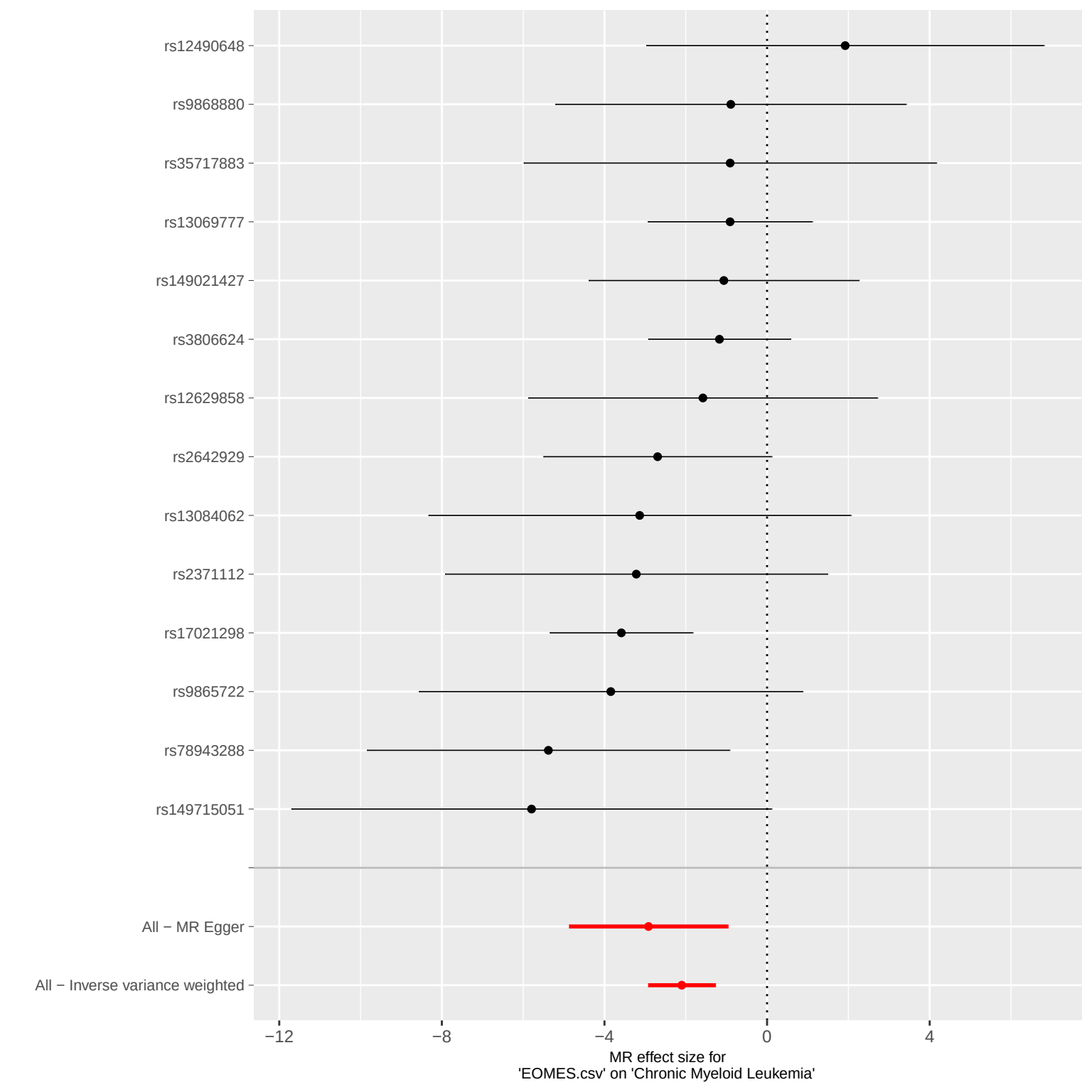
MR effect size for
'EOGT.csv' on 'Chronic Myeloid Leukemia'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rs13084062
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rs17021298
rs9865722
rs78943288
rs149715051
All − MR Egger
All − Inverse variance weighted
−12
−8
−4
0
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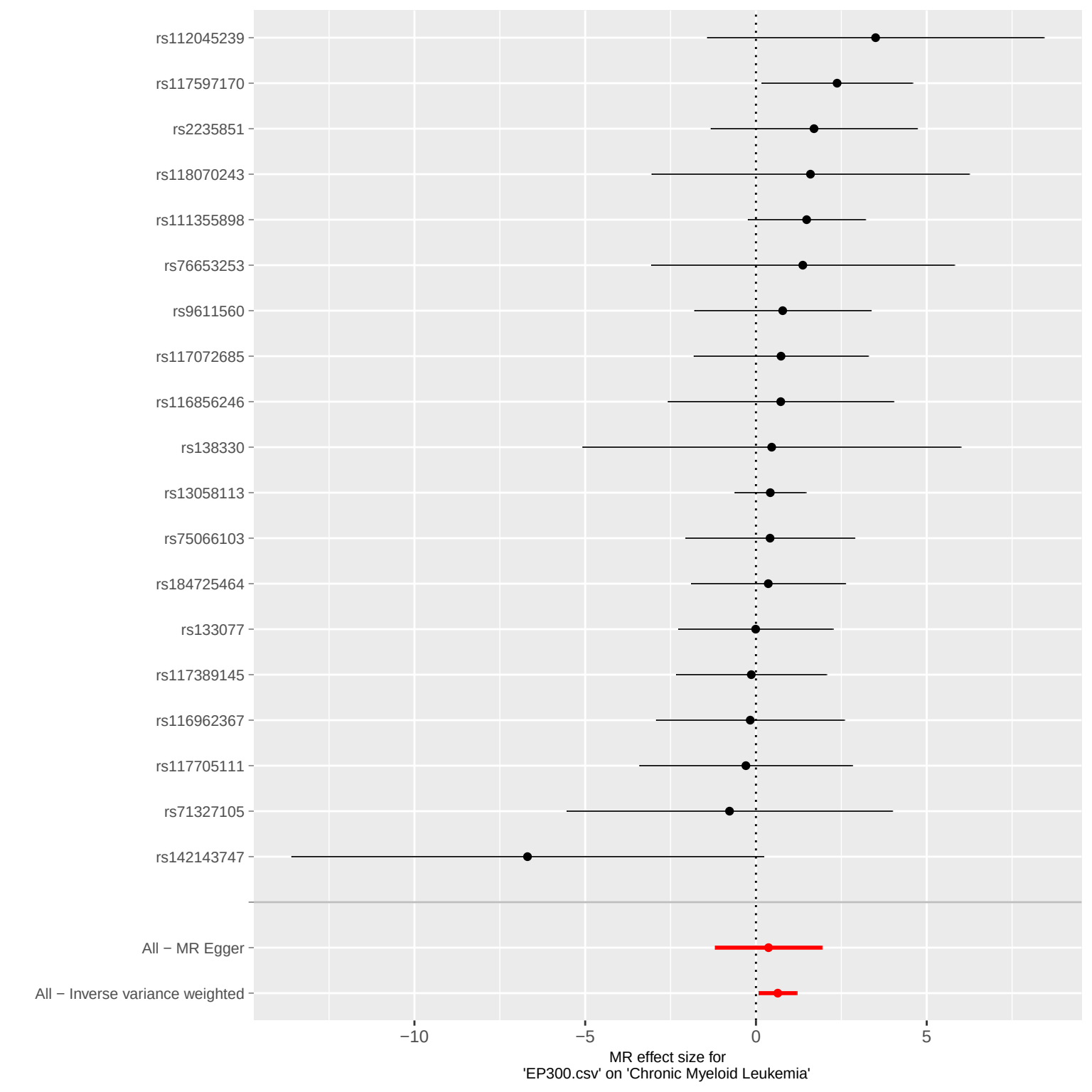
MR effect size for
'EOMES.csv' on 'Chronic Myeloid Leukemia'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rs13058113
rs75066103
rs184725464
rs133077
rs117389145
rs116962367
rs117705111
rs71327105
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All − MR Egger
All − Inverse variance weighted
−10
−5
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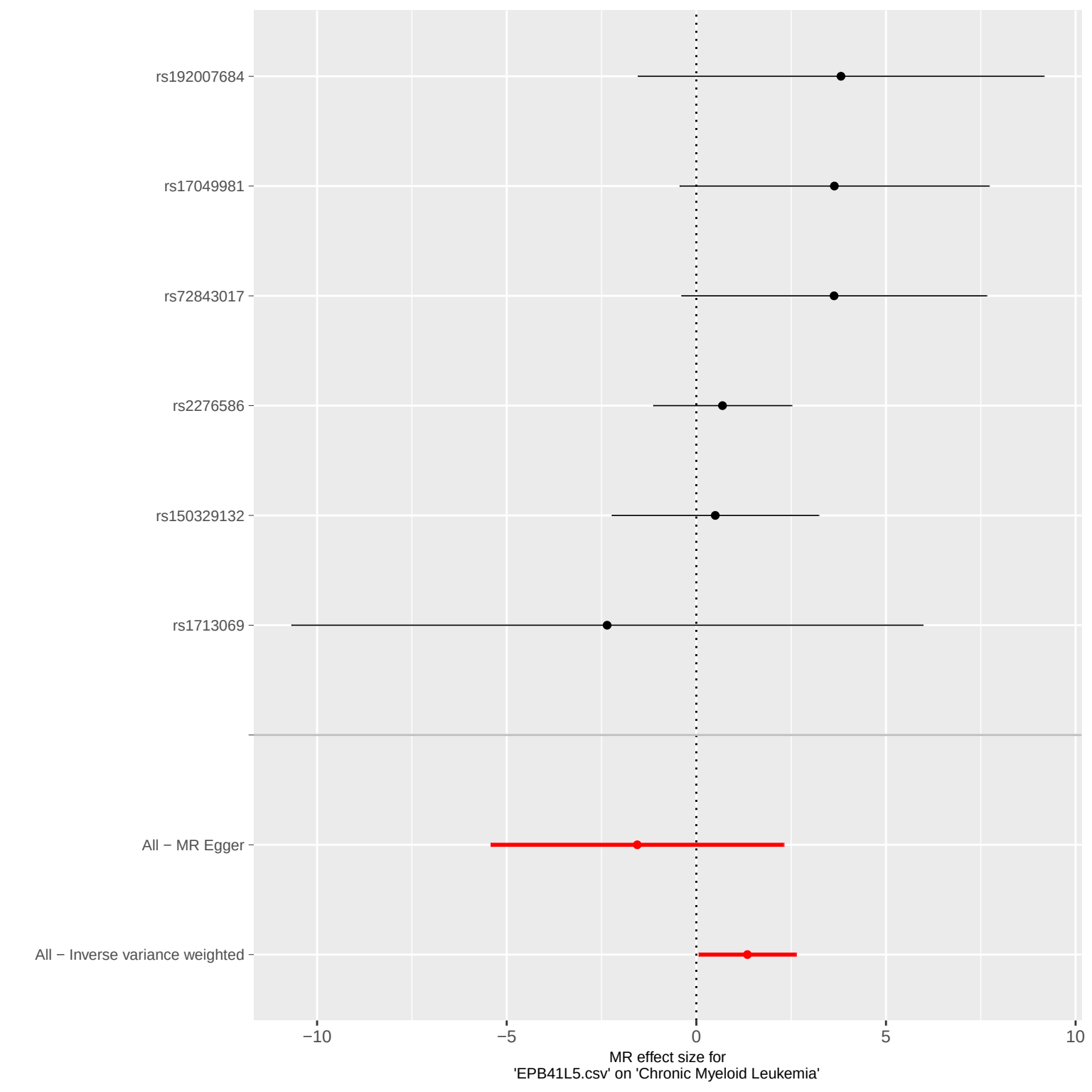
MR effect size for
'EP300.csv' on 'Chronic Myeloid Leukemia'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rs17049981
rs72843017
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rs150329132
rs1713069
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All − Inverse variance weighted
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−5
0
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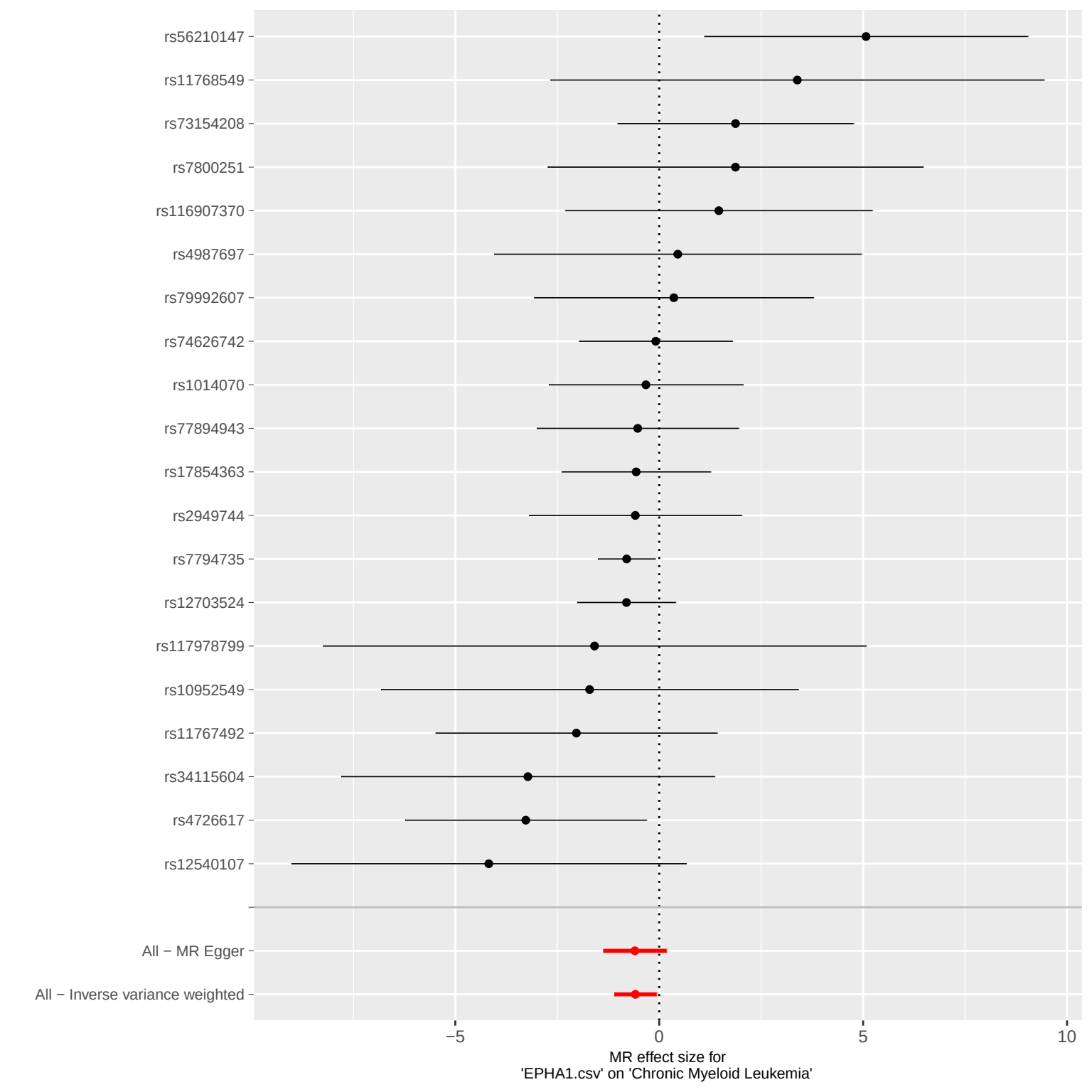
10
MR effect size for
'EPB41L5.csv' on 'Chronic Myeloid Leukemia'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rs2949744
rs7794735
rs12703524
rs117978799
rs10952549
rs11767492
rs34115604
rs4726617
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All − MR Egger
All − Inverse variance weighted
−5
0
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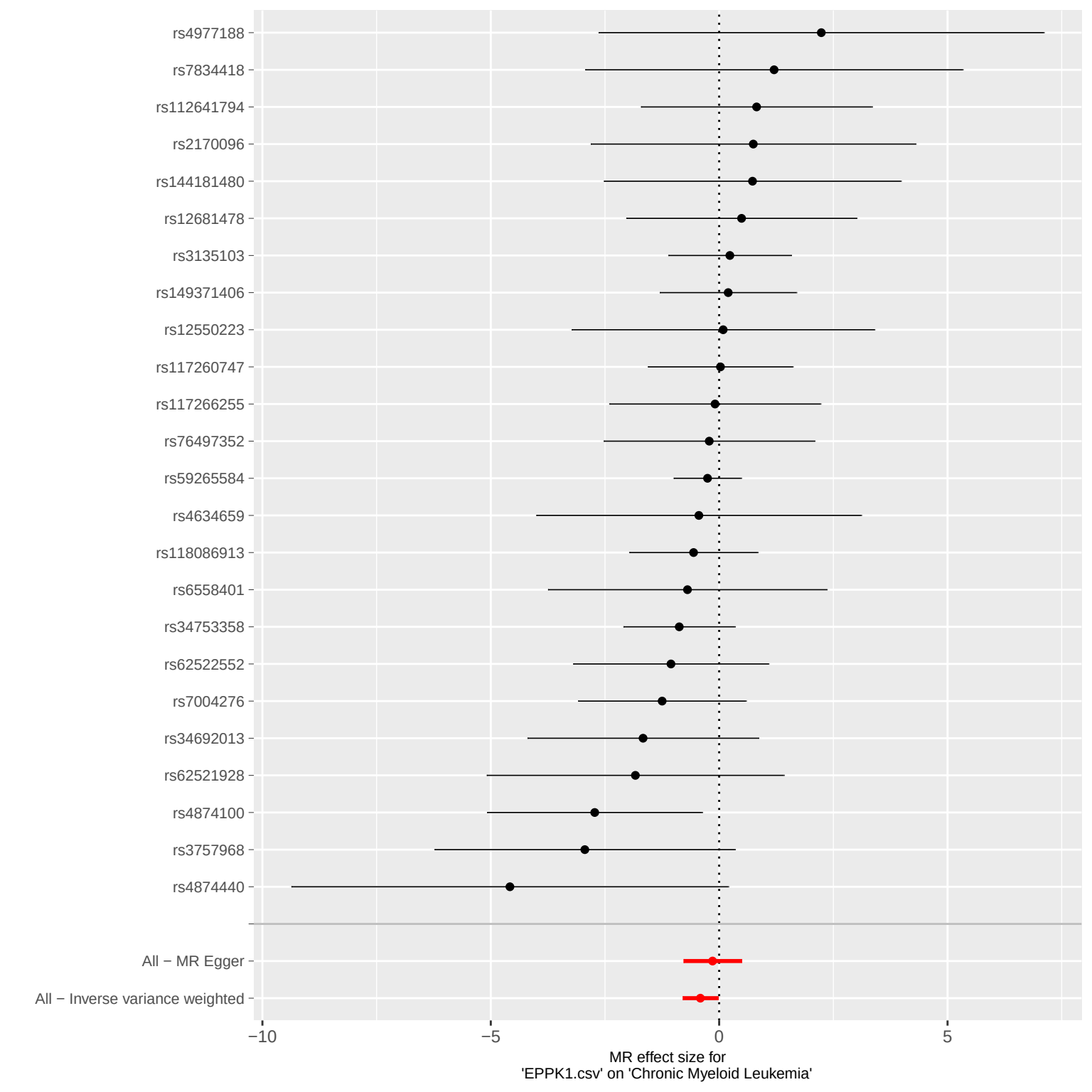
10
MR effect size for
'EPHA1.csv' on 'Chronic Myeloid Leukemia'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rs7004276
rs34692013
rs62521928
rs4874100
rs3757968
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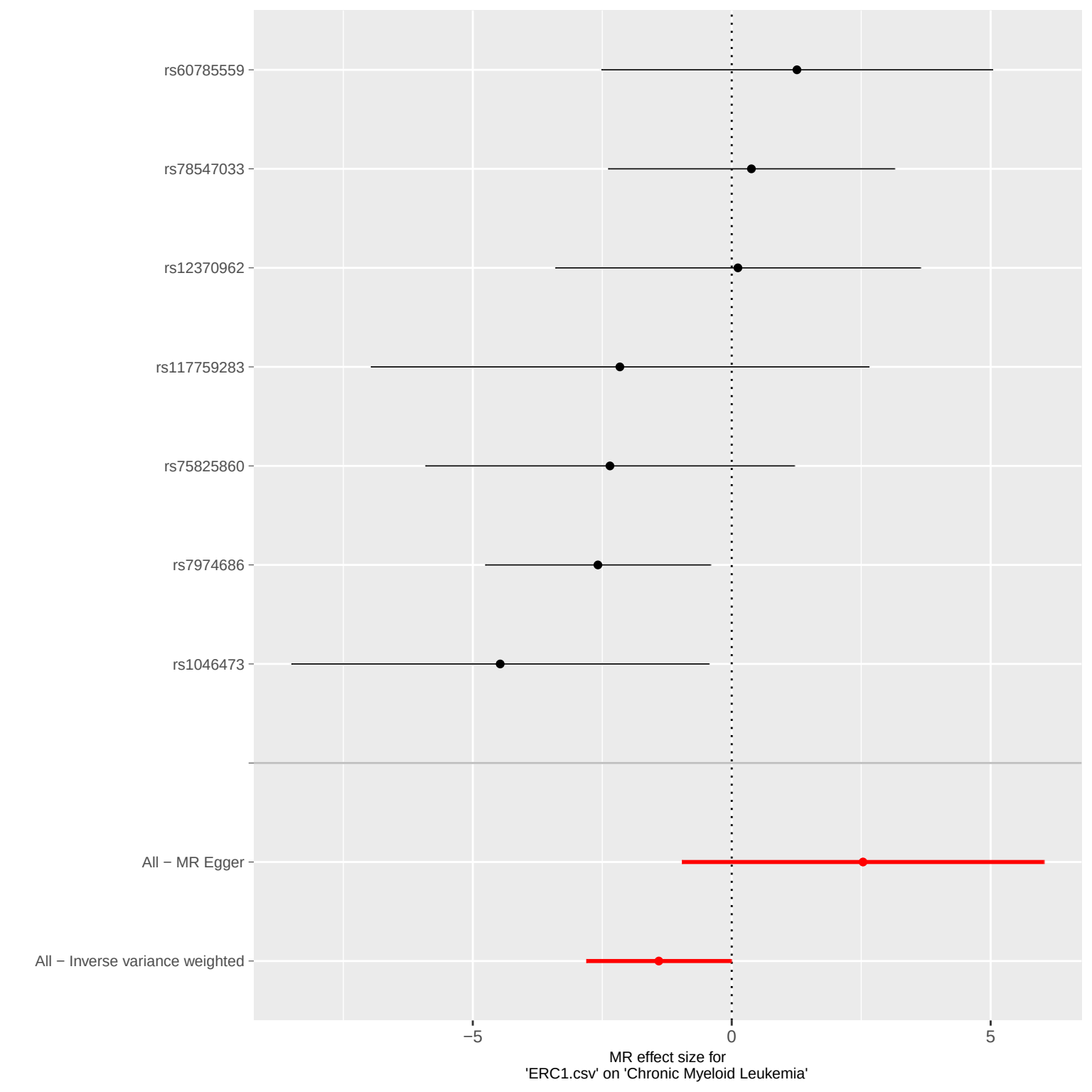
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'EPPK1.csv' on 'Chronic Myeloid Leukemia'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rs78547033
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rs117759283
rs75825860
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All − MR Egger
All − Inverse variance weighted
−5
0
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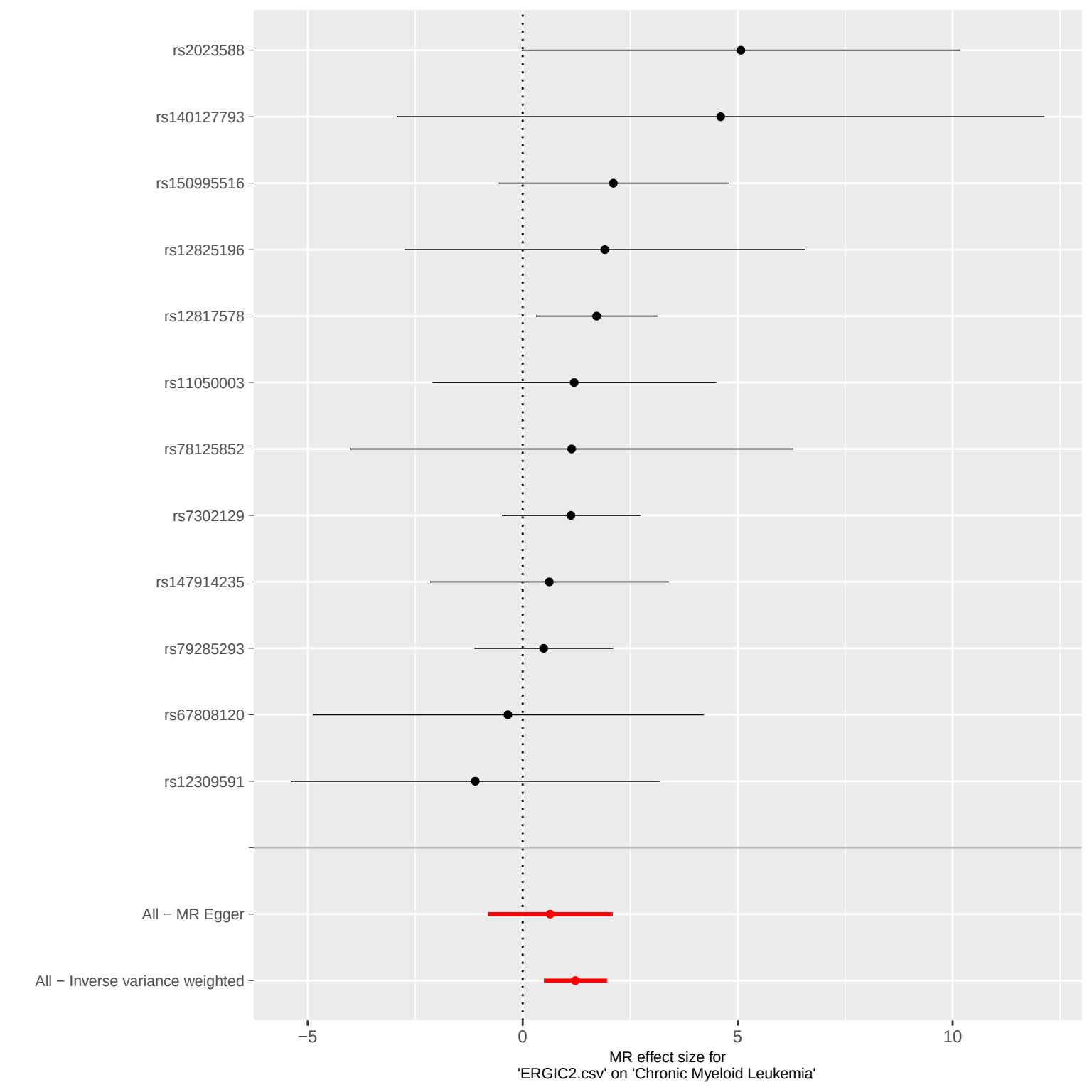
MR effect size for
'ERC1.csv' on 'Chronic Myeloid Leukemia'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rs67808120
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All − MR Egger
All − Inverse variance weighted
−5
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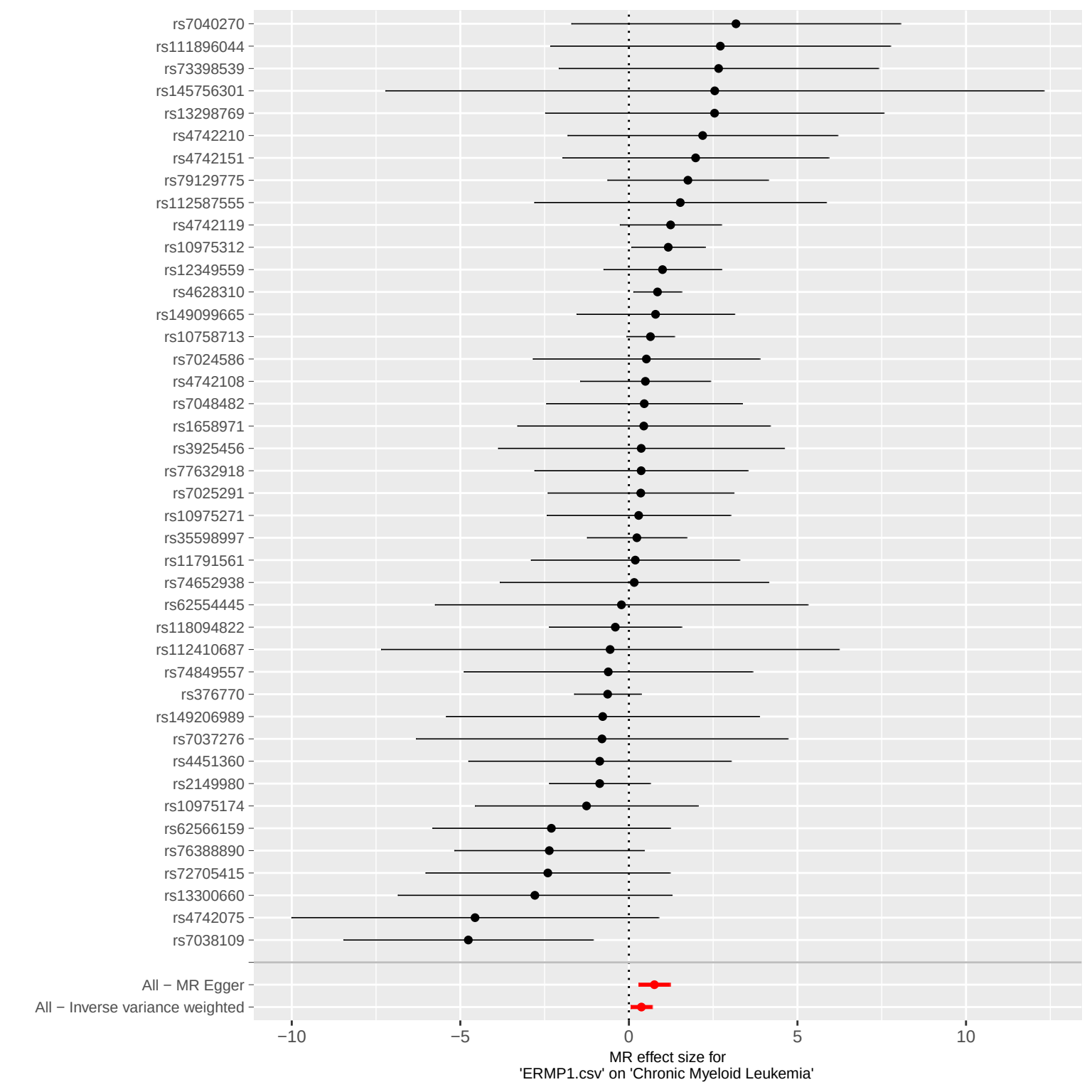
10
MR effect size for
'ERGIC2.csv' on 'Chronic Myeloid Leukemia'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rs3925456
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rs118094822
rs112410687
rs74849557
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rs7037276
rs4451360
rs2149980
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rs62566159
rs76388890
rs72705415
rs13300660
rs4742075
rs7038109
All − MR Egger
All − Inverse variance weighted
−10
−5
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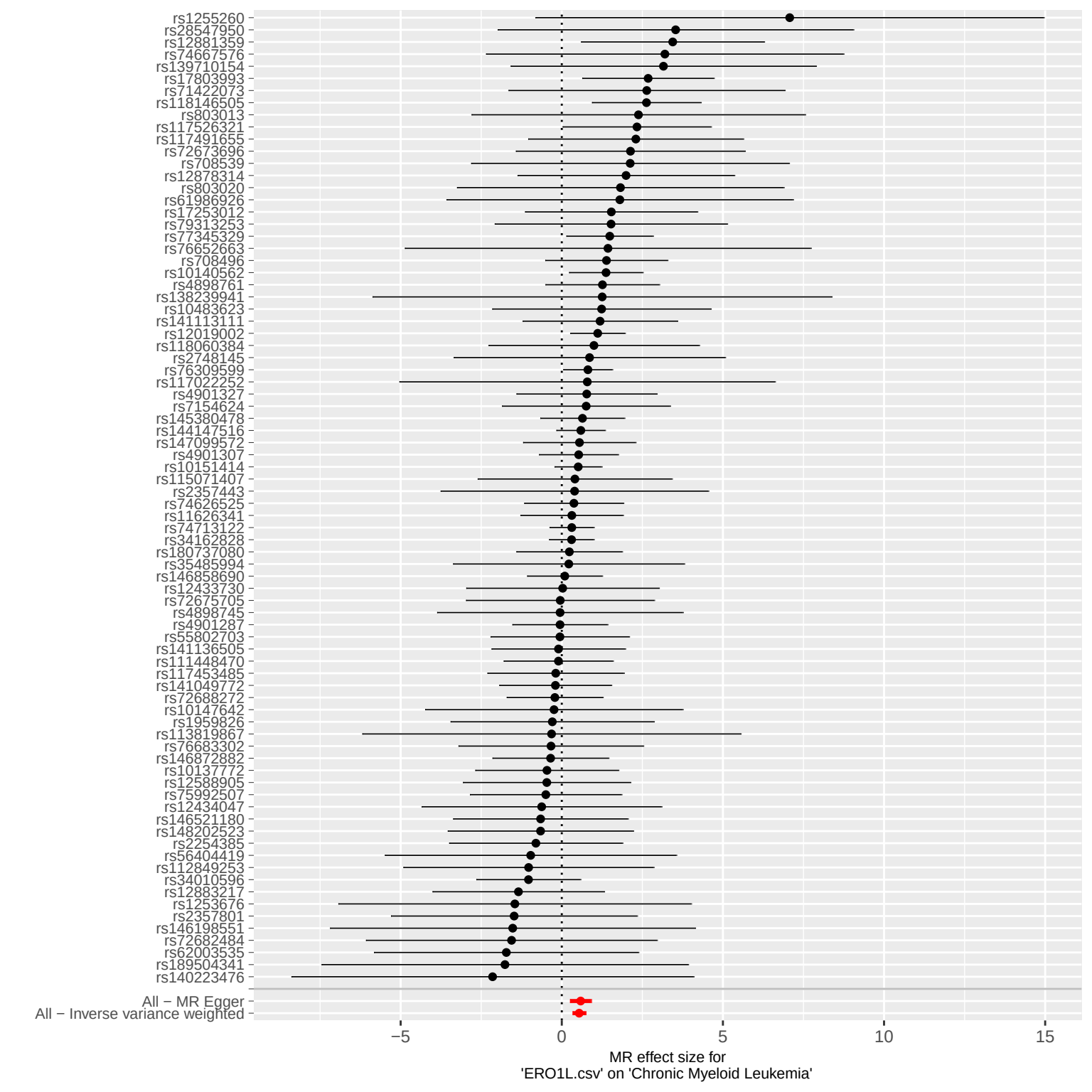
10
MR effect size for
'ERMP1.csv' on 'Chronic Myeloid Leukemia'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rs112849253
rs34010596
rs12883217
rs1253676
rs2357801
rs146198551
rs72682484
rs62003535
rs189504341
rs140223476
All − MR Egger
All − Inverse variance weighted
−5
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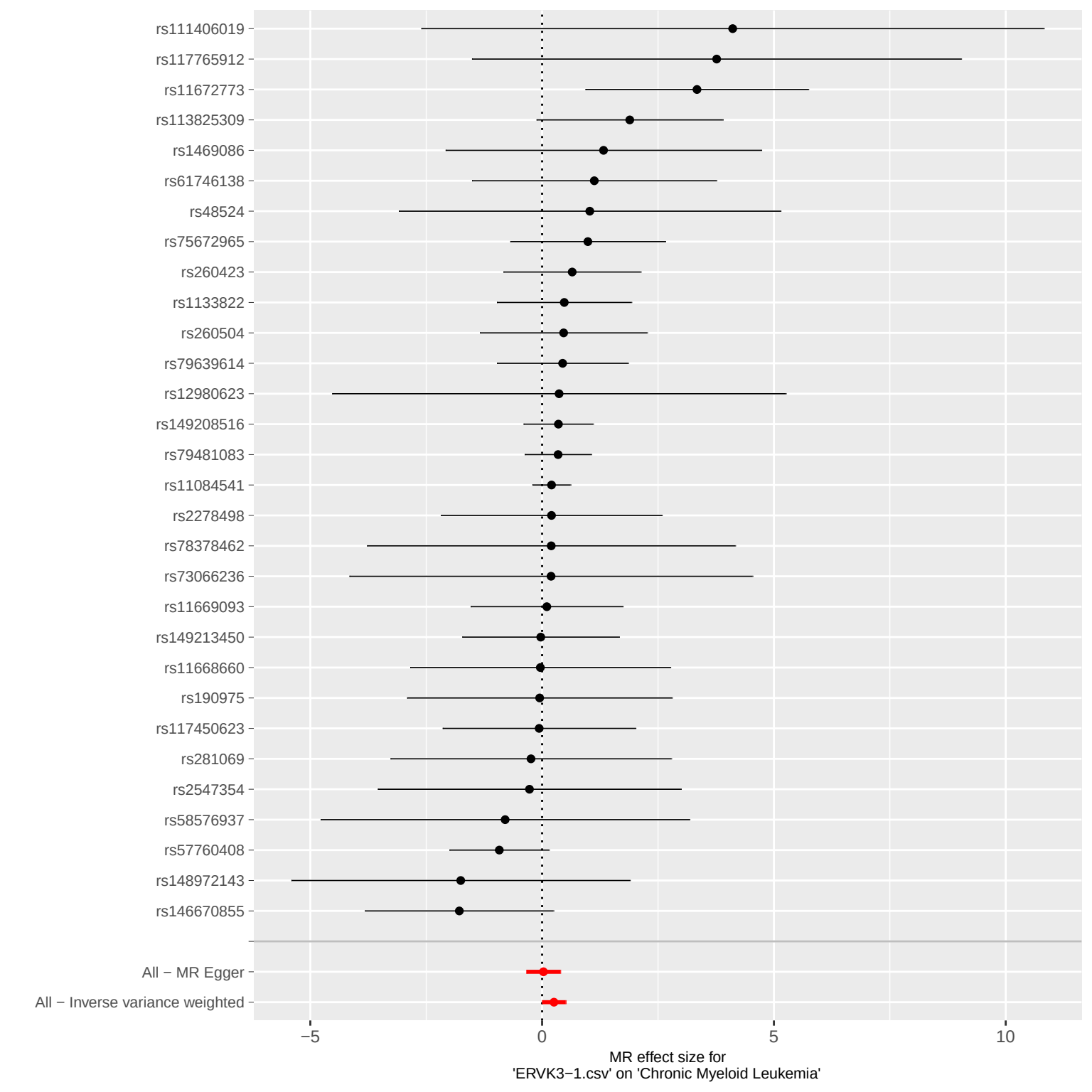
5
10
15
MR effect size for
'ERO1L.csv' on 'Chronic Myeloid Leukemia'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rs12980623
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rs190975
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rs281069
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rs58576937
rs57760408
rs148972143
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All − MR Egger
All − Inverse variance weighted
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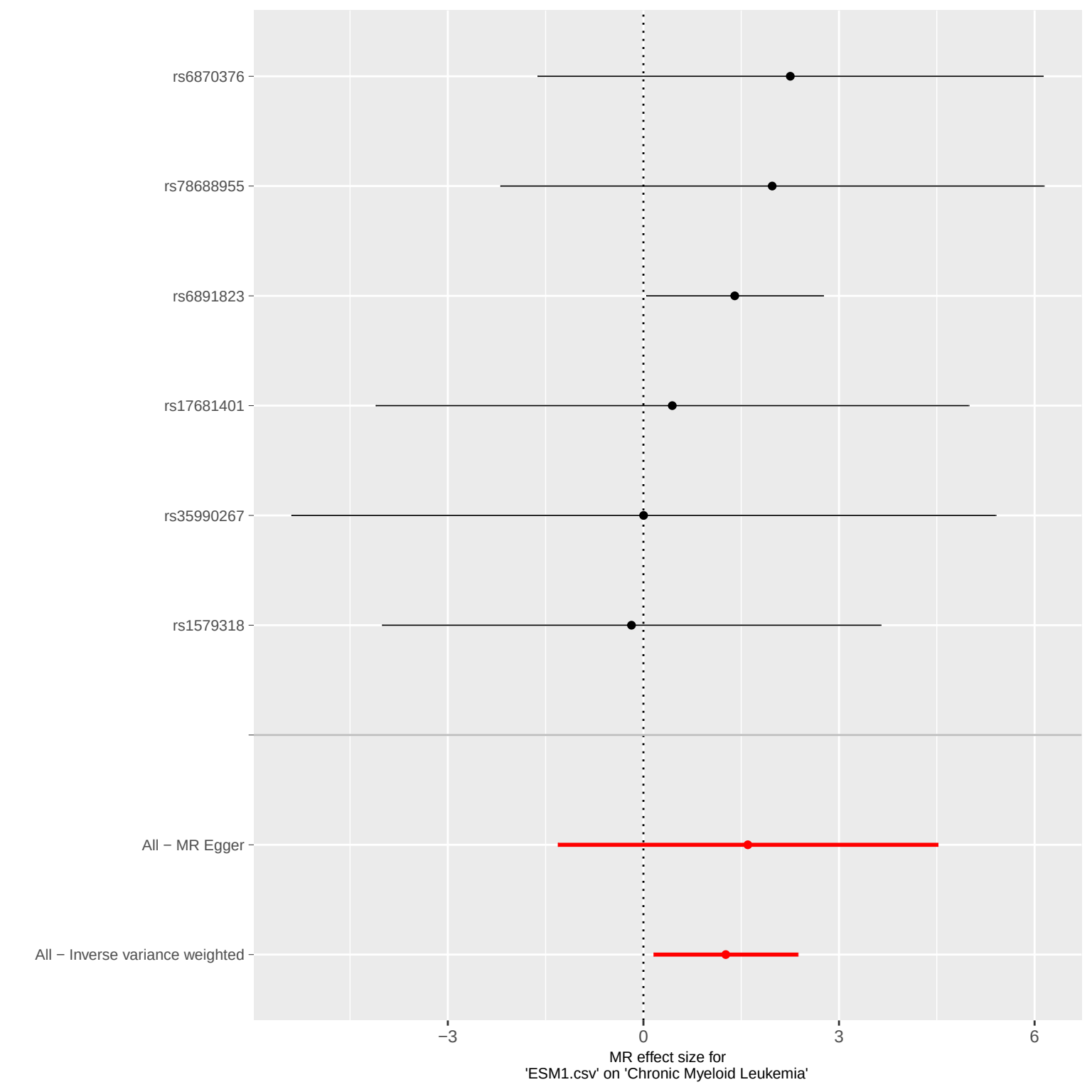
MR effect size for
'ERVK3−1.csv' on 'Chronic Myeloid Leukemia'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rs6891823
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All − MR Egger
All − Inverse variance weighted
−3
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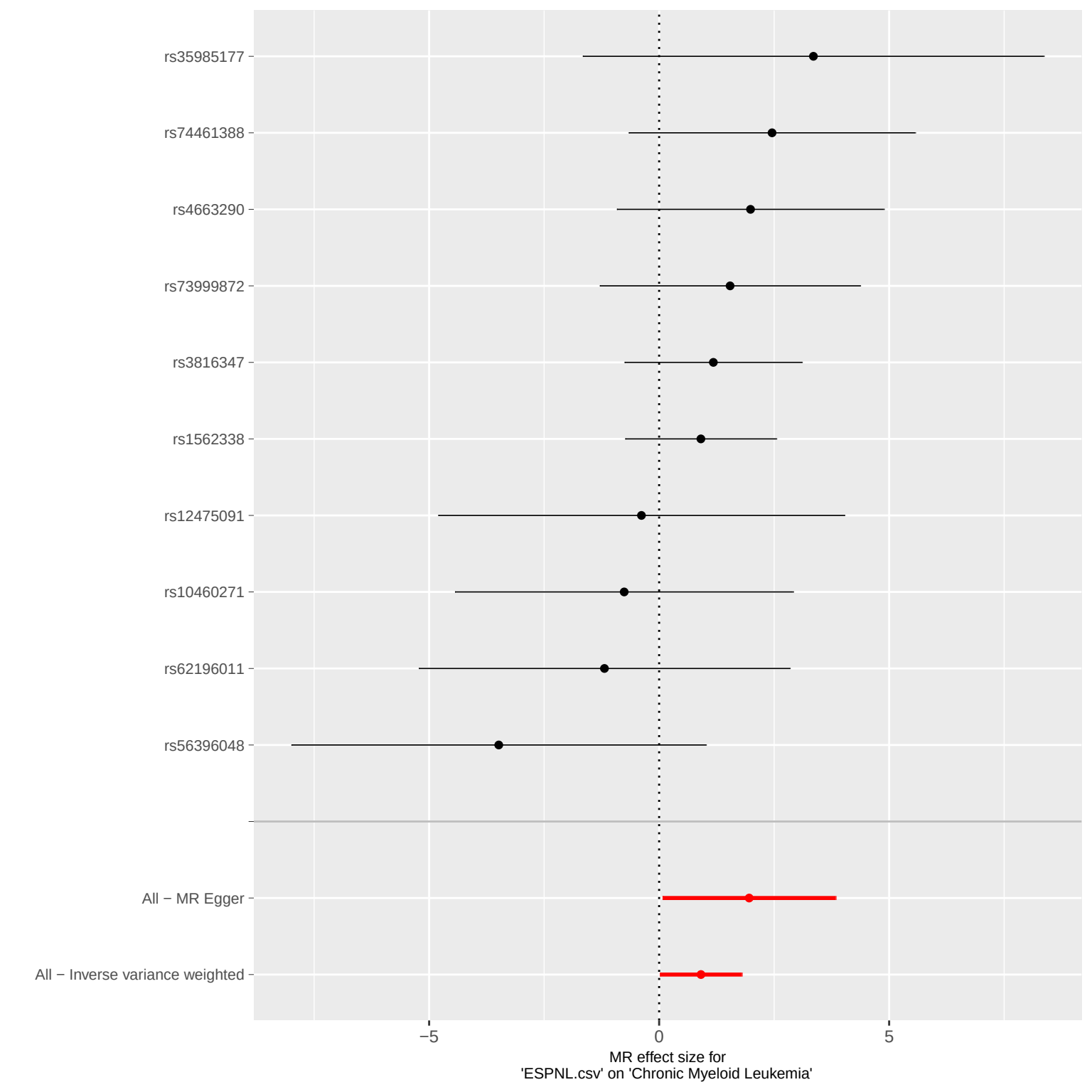
MR effect size for
'ESM1.csv' on 'Chronic Myeloid Leukemia'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rs3816347
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rs10460271
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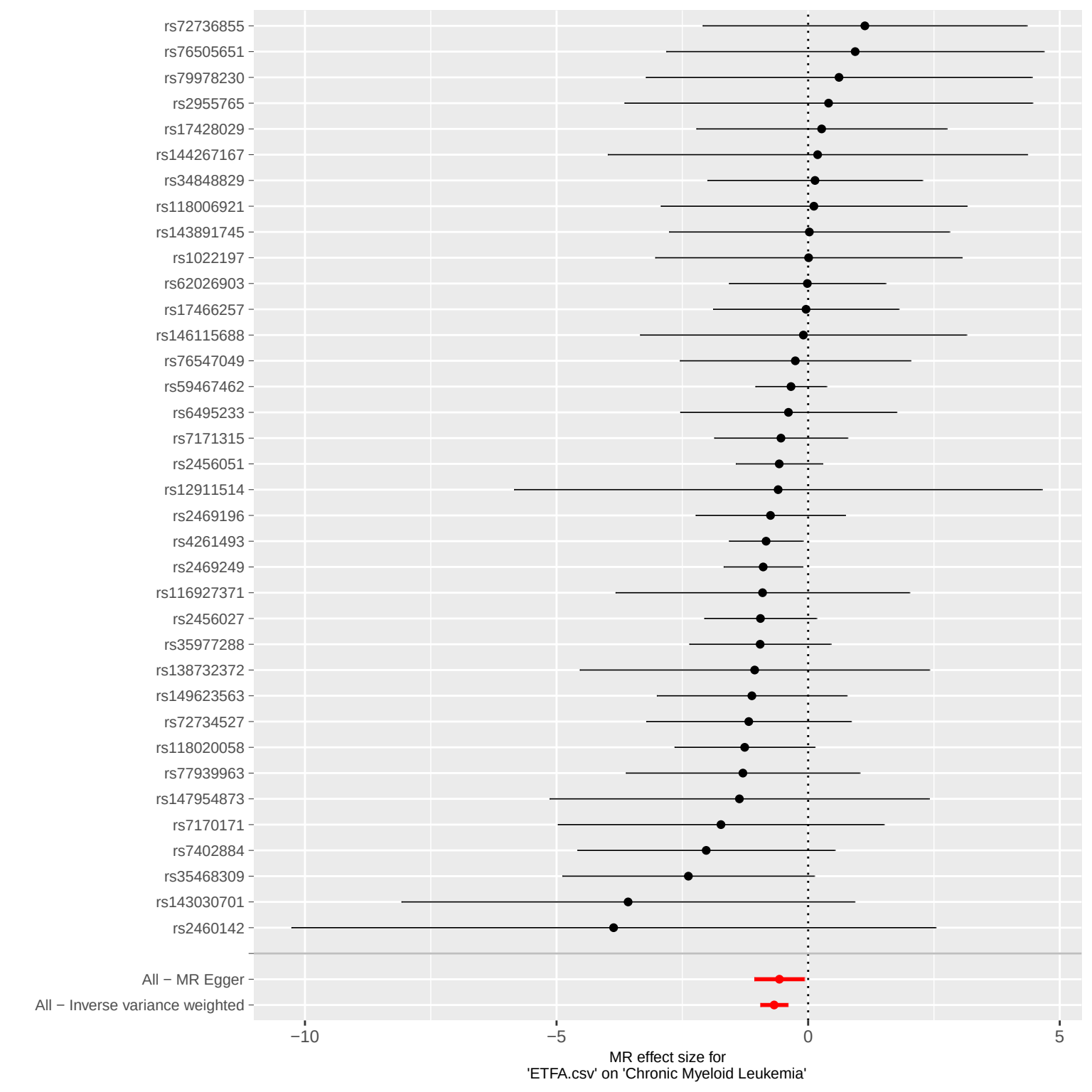
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ESPNL.csv' on 'Chronic Myeloid Leukemia'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rs147954873
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rs7402884
rs35468309
rs143030701
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All − MR Egger
All − Inverse variance weighted
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−5
0
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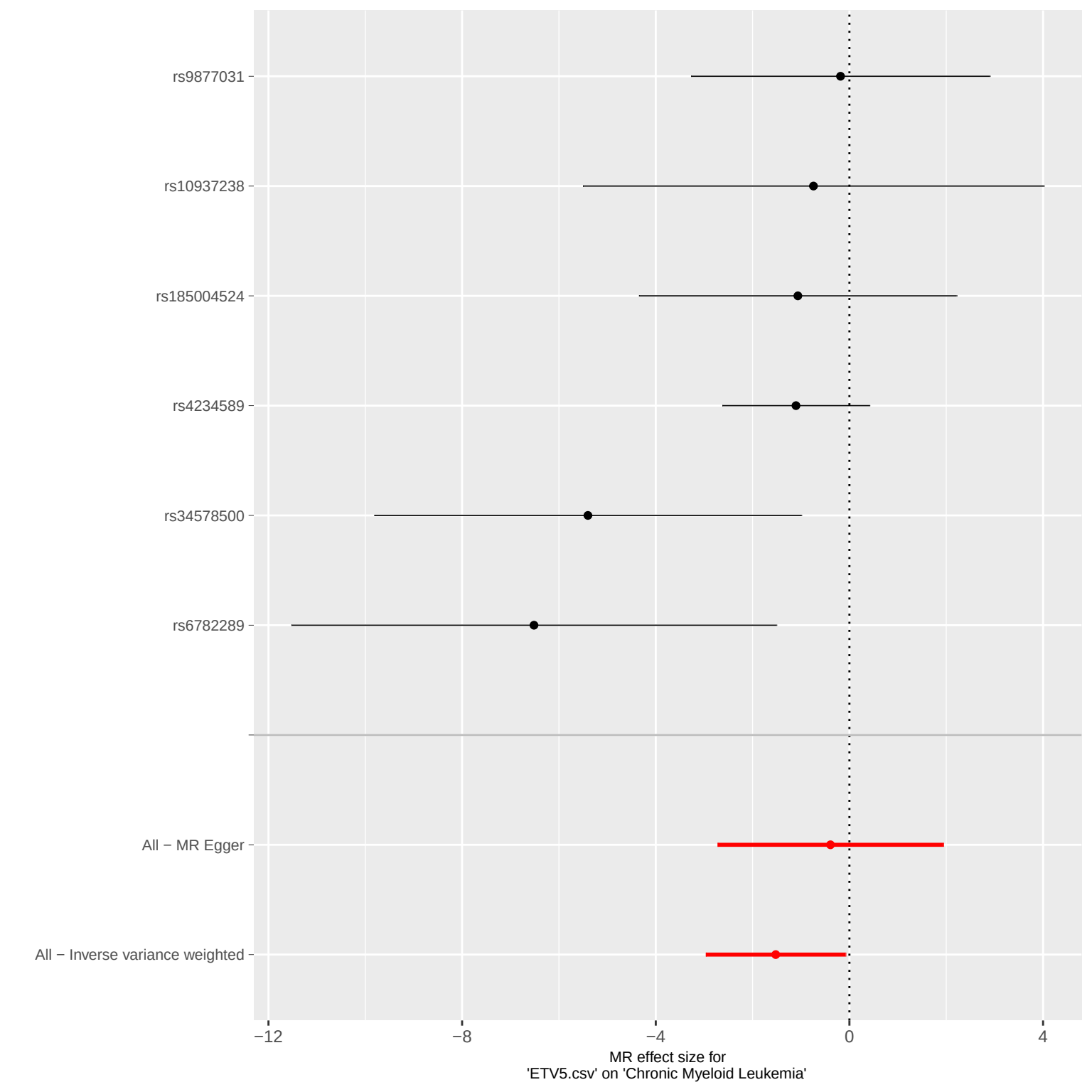
MR effect size for
'ETFA.csv' on 'Chronic Myeloid Leukemia'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rs185004524
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rs6782289
All − MR Egger
All − Inverse variance weighted
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−4
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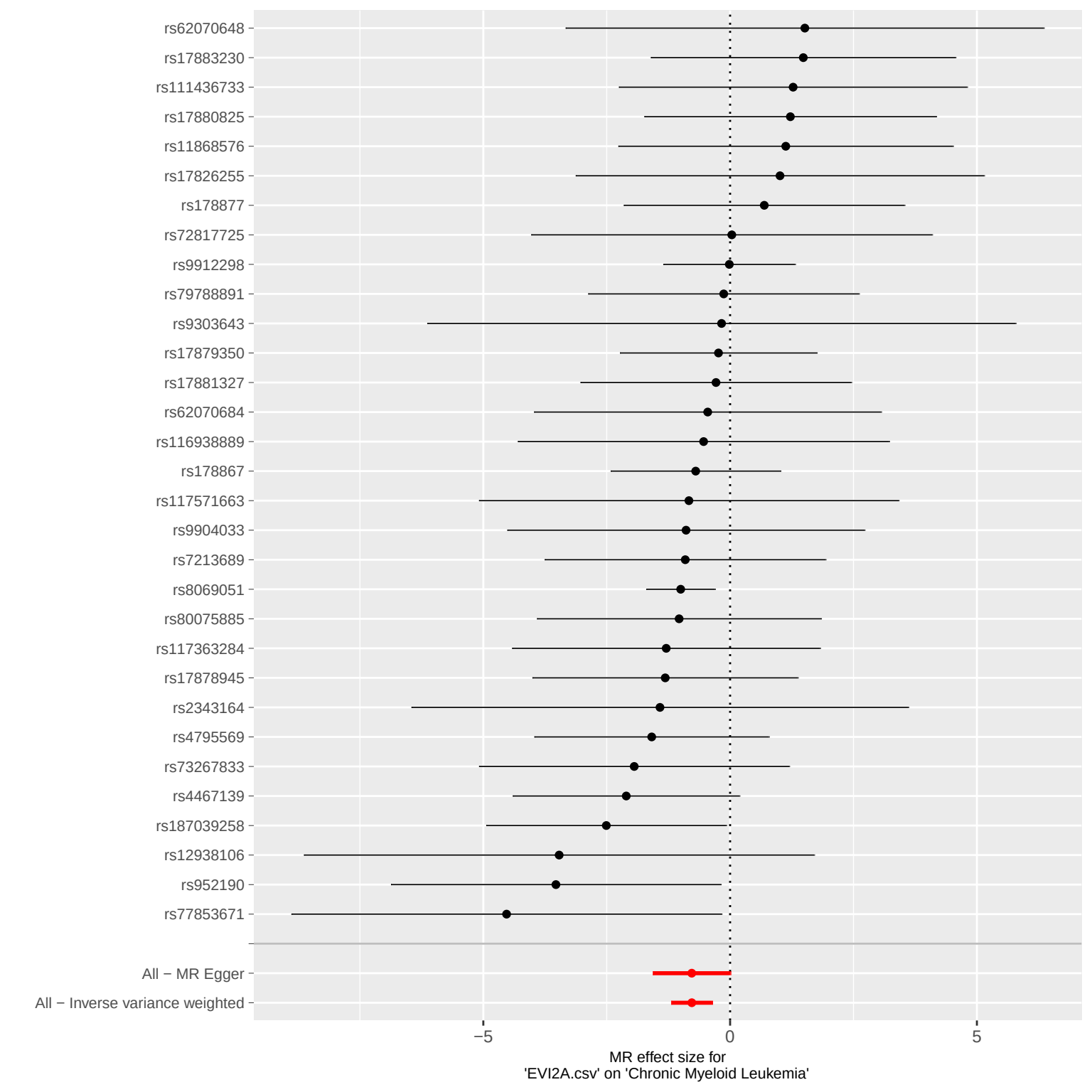
4
MR effect size for
'ETV5.csv' on 'Chronic Myeloid Leukemia'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rs17881327
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rs116938889
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rs117571663
rs9904033
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rs117363284
rs17878945
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rs4795569
rs73267833
rs4467139
rs187039258
rs12938106
rs952190
rs77853671
All − MR Egger
All − Inverse variance weighted
−5
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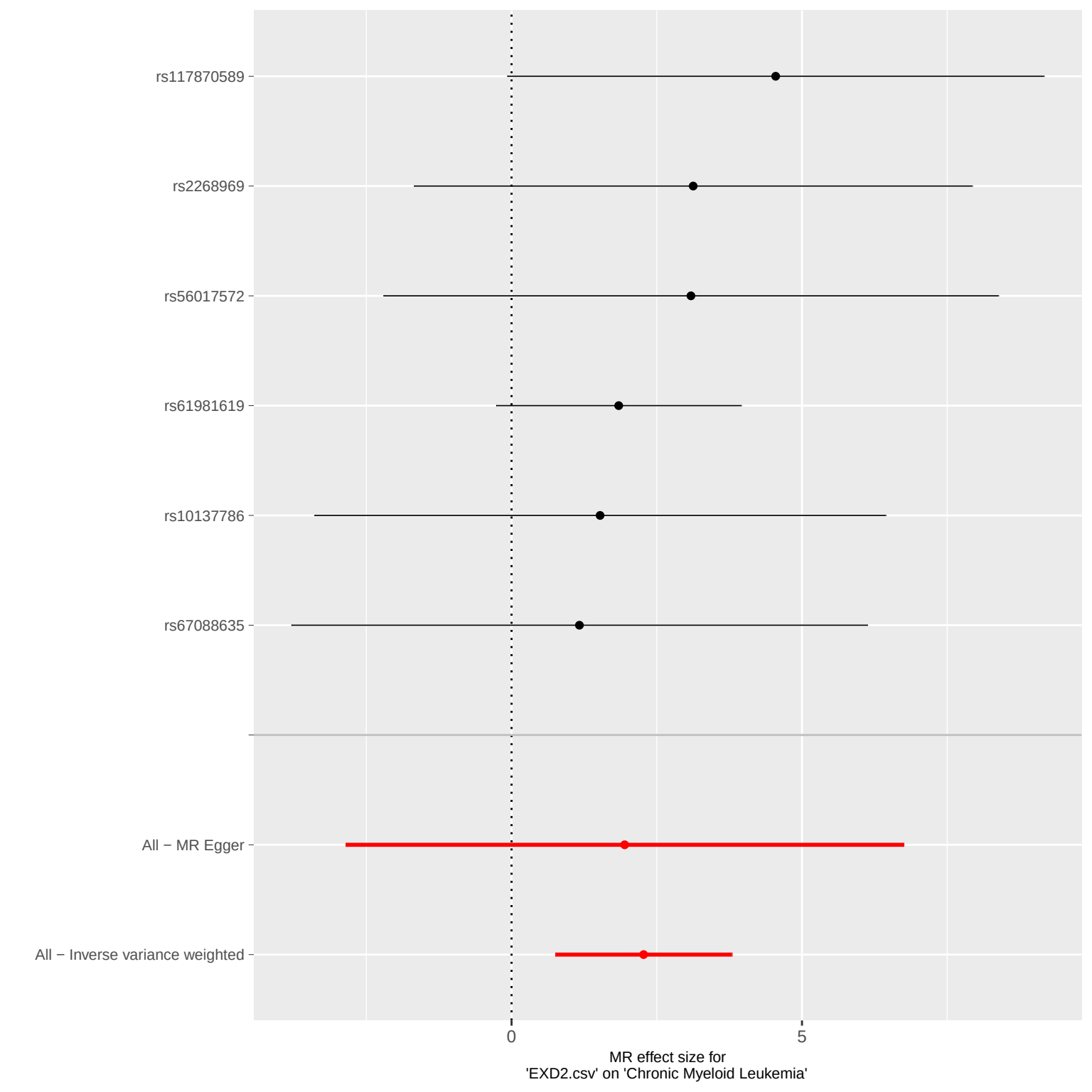
MR effect size for
'EVI2A.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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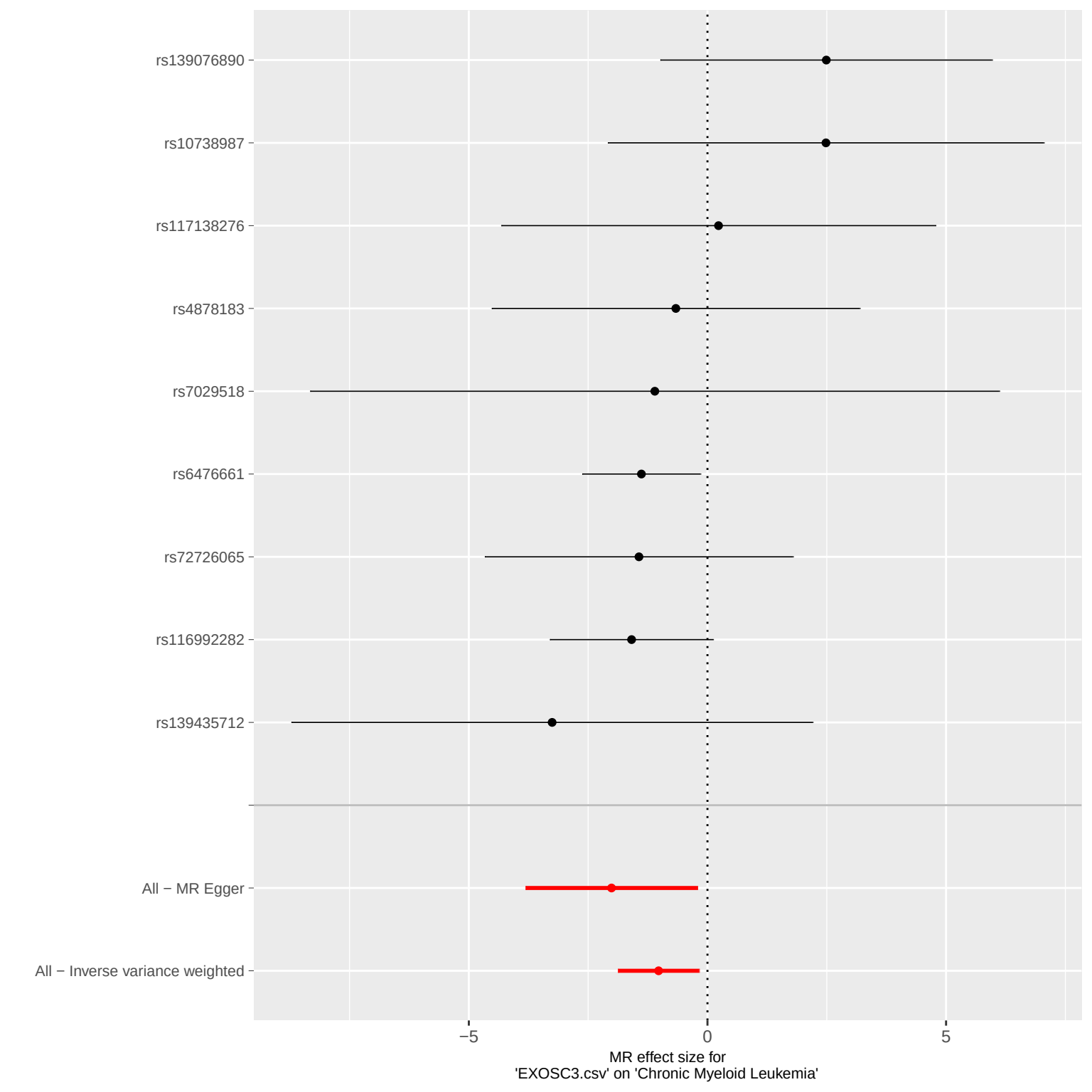
MR effect size for
'EXD2.csv' on 'Chronic Myeloid Leukemia'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rs6476661
rs72726065
rs116992282
rs139435712
All − MR Egger
All − Inverse variance weighted
−5
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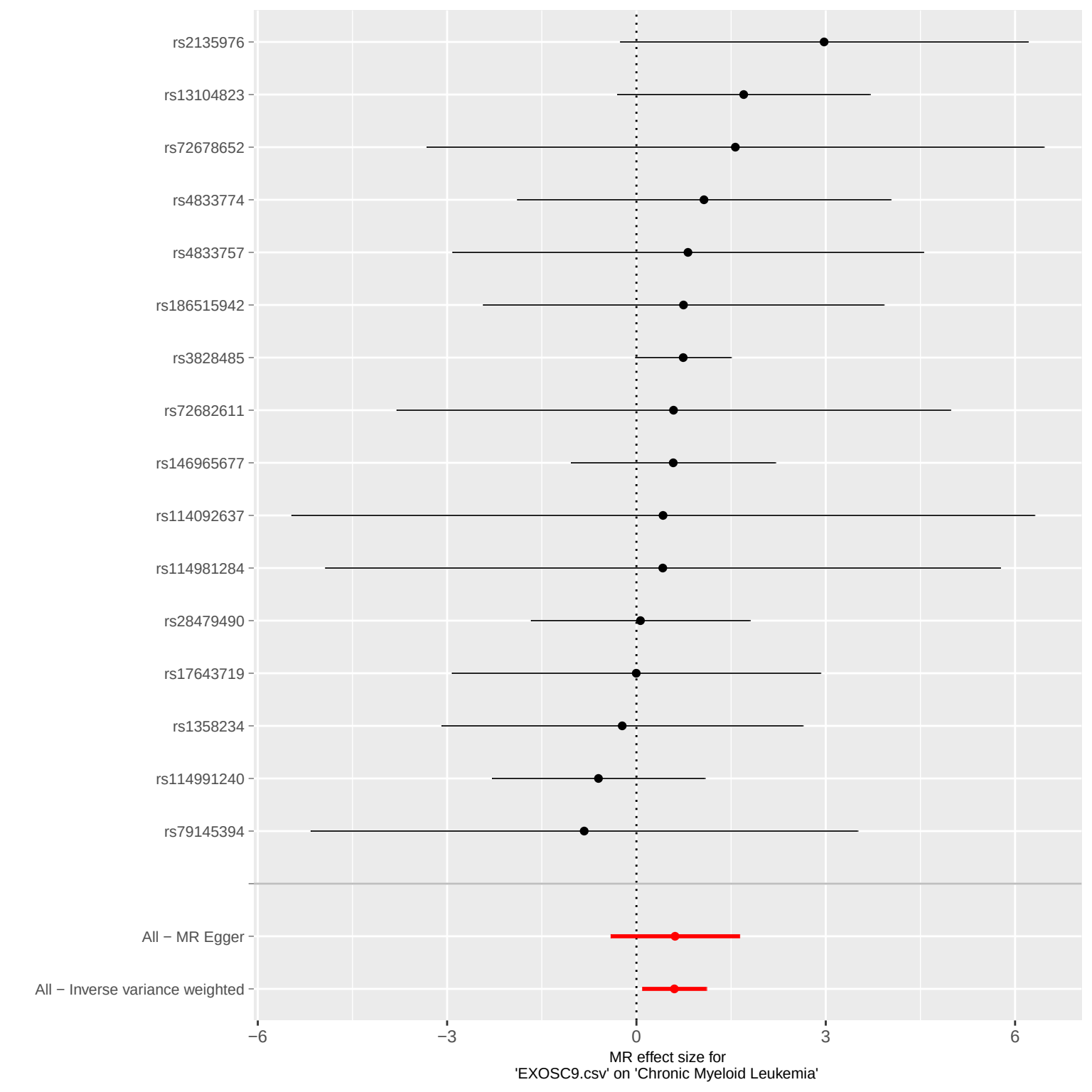
5
MR effect size for
'EXOSC3.csv' on 'Chronic Myeloid Leukemia'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rs72682611
rs146965677
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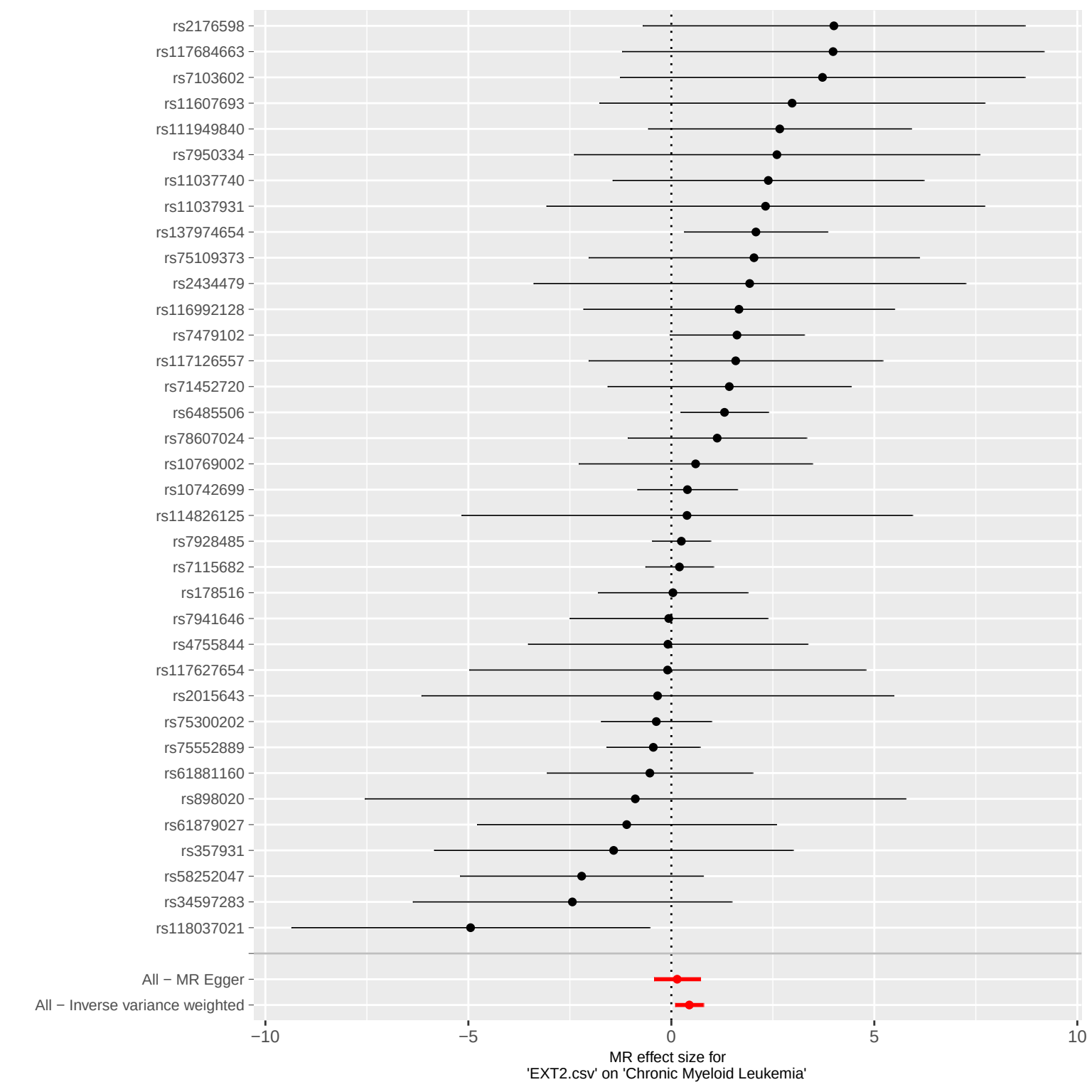
rs114981284
rs28479490
rs17643719
rs1358234
rs114991240
rs79145394
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'EXOSC9.csv' on 'Chronic Myeloid Leukemia'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rs116992128
rs7479102
rs117126557
rs71452720
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rs78607024
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rs10742699
rs114826125
rs7928485
rs7115682
rs178516
rs7941646
rs4755844
rs117627654
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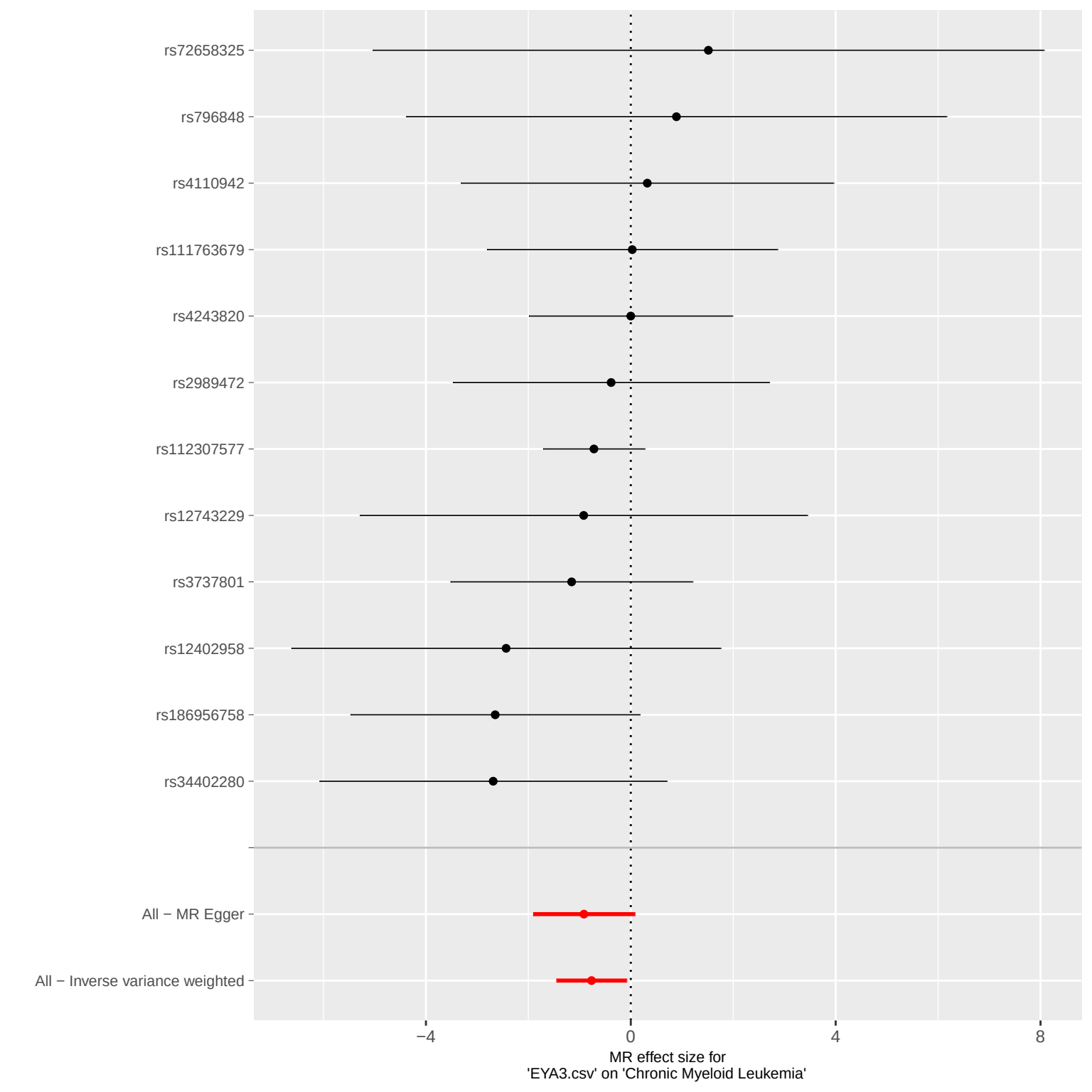
rs898020
rs61879027
rs357931
rs58252047
rs34597283
rs118037021
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'EXT2.csv' on 'Chronic Myeloid Leukemia'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rs111763679
rs4243820
rs2989472
rs112307577
rs12743229
rs3737801
rs12402958
rs186956758
rs34402280
All − MR Egger
All − Inverse variance weighted
−4
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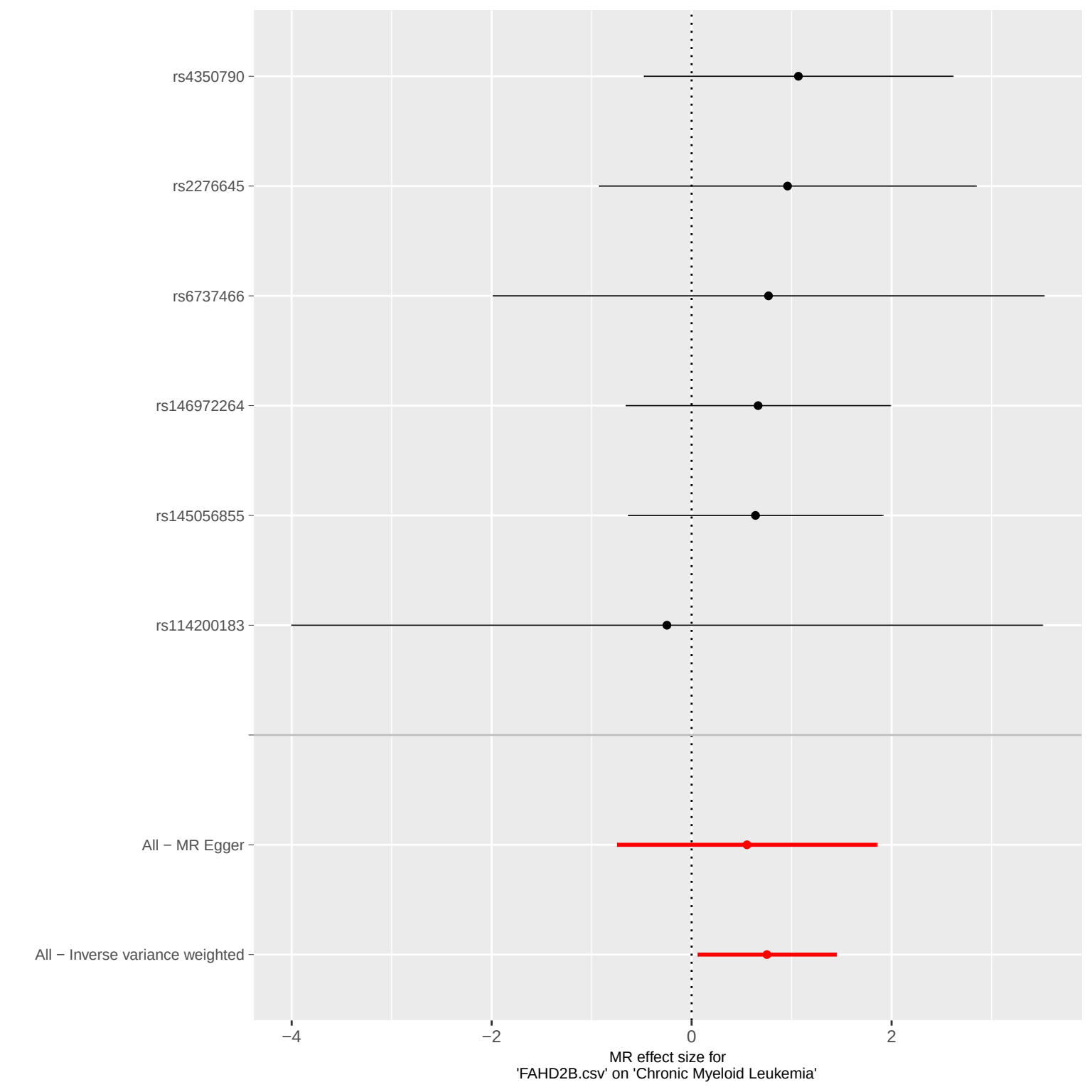
4
8
MR effect size for
'EYA3.csv' on 'Chronic Myeloid Leukemia'


rs4350790
rs2276645
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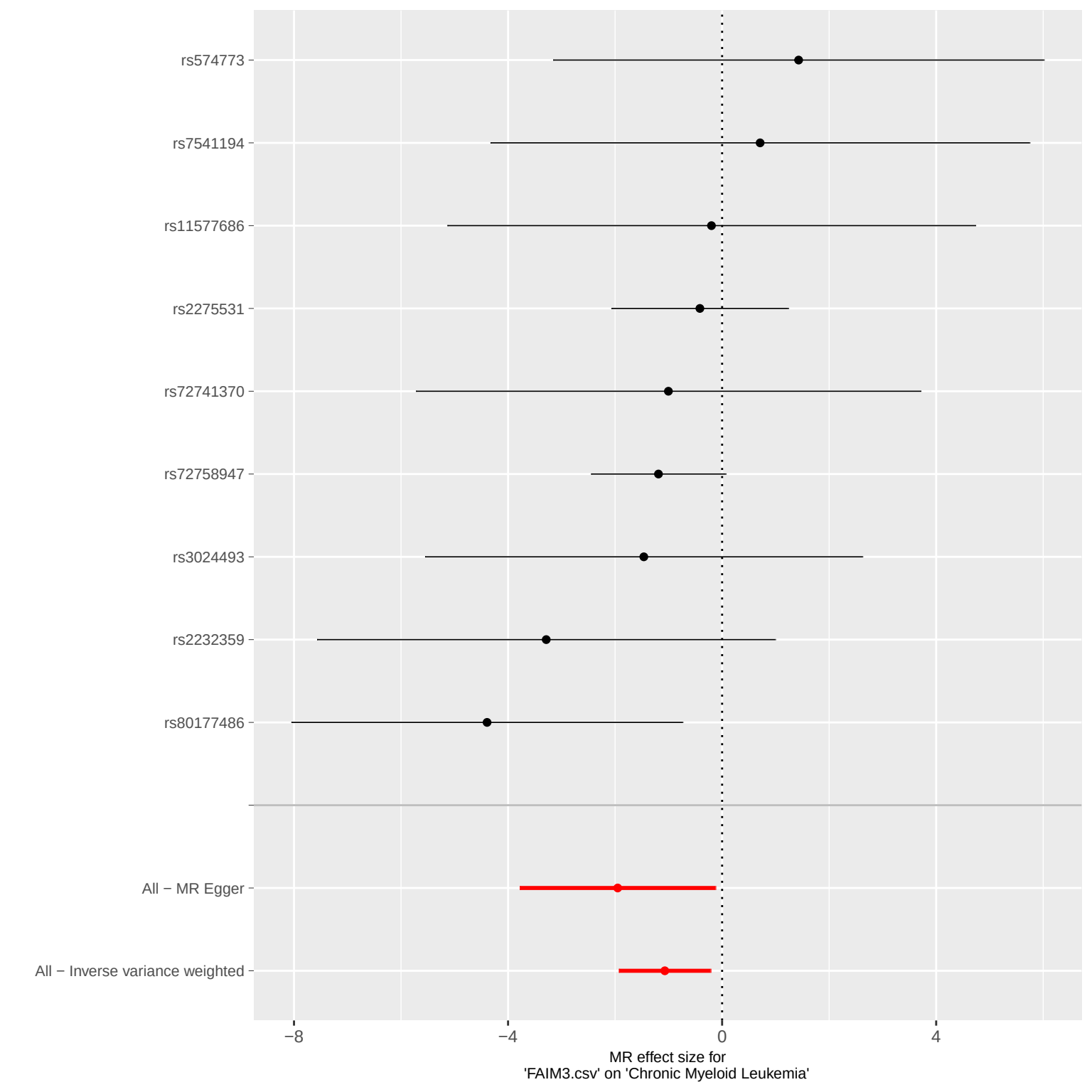
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAHD2B.csv' on 'Chronic Myeloid Leukemia'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rs72741370
rs72758947
rs3024493
rs2232359
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All − MR Egger
All − Inverse variance weighted
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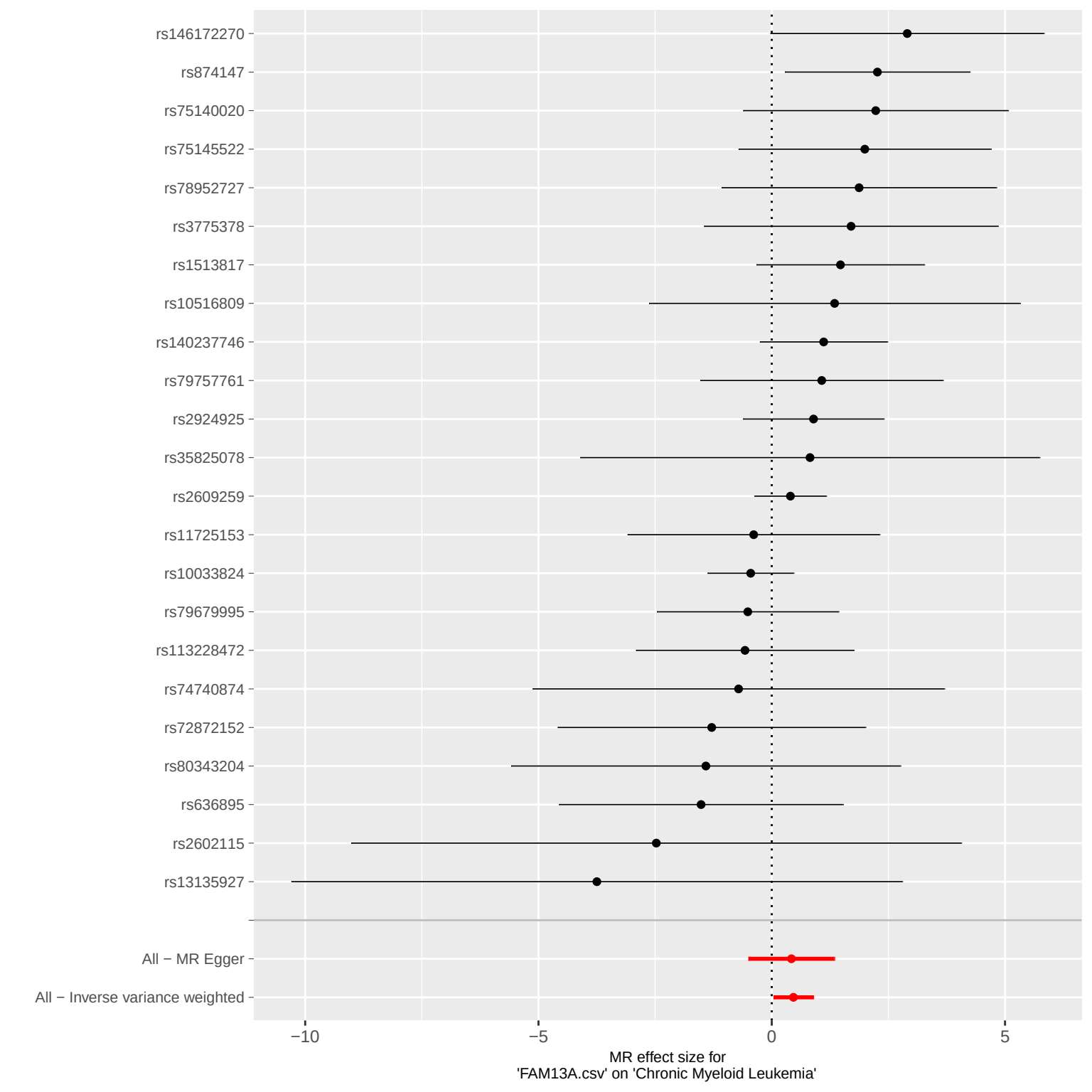
−4
0
4
MR effect size for
'FAIM3.csv' on 'Chronic Myeloid Leukemia'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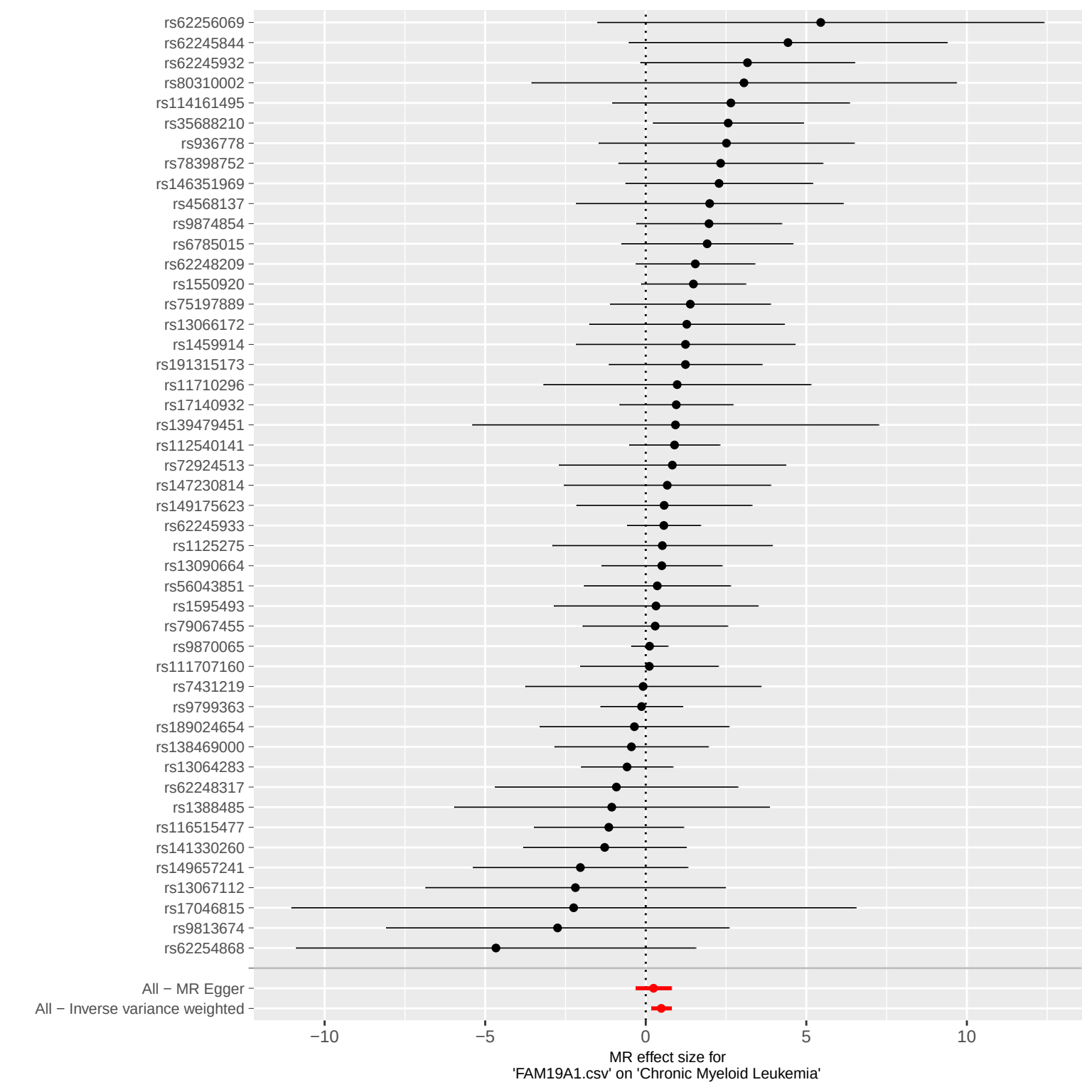
rs11725153
rs10033824
rs79679995
rs113228472
rs74740874
rs72872152
rs80343204
rs636895
rs2602115
rs13135927
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FAM13A.csv' on 'Chronic Myeloid Leukemia'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rs13066172
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rs9799363
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rs141330260
rs149657241
rs13067112
rs17046815
rs9813674
rs62254868
All − MR Egger
All − Inverse variance weighted
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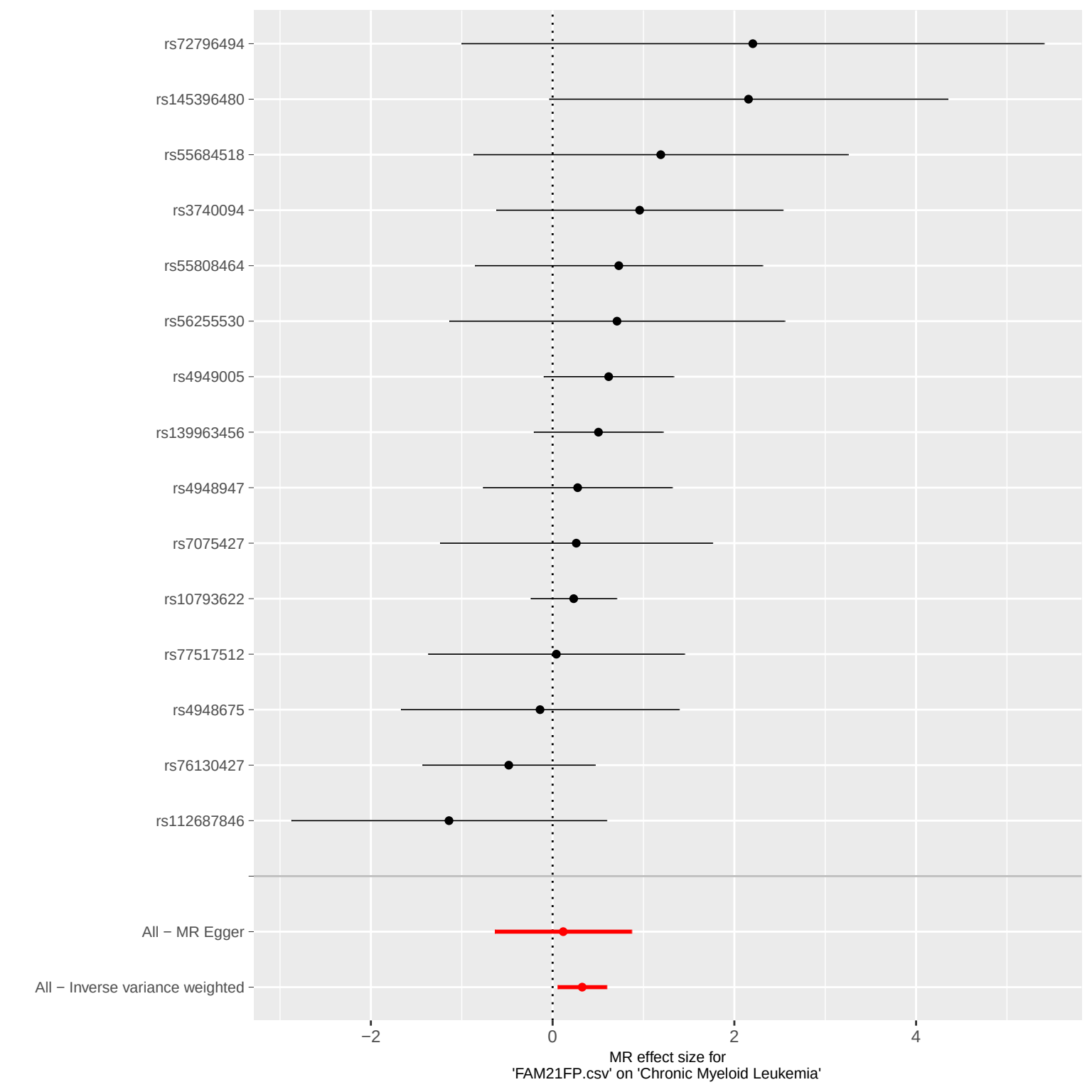
MR effect size for
'FAM19A1.csv' on 'Chronic Myeloid Leukemia'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rs10793622
rs77517512
rs4948675
rs76130427
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All − MR Egger
All − Inverse variance weighted
−2
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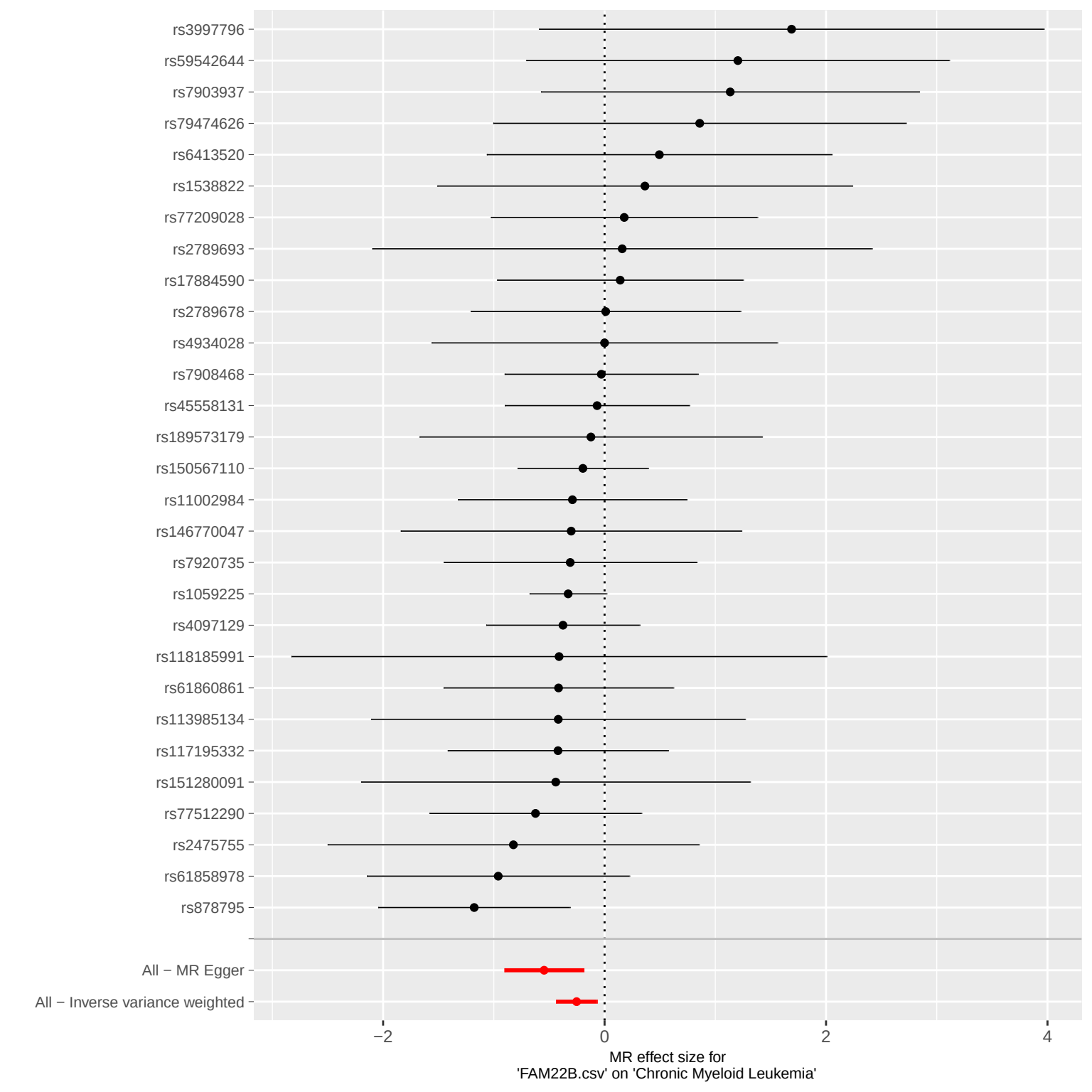
2
4
MR effect size for
'FAM21FP.csv' on 'Chronic Myeloid Leukemia'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rs77512290
rs2475755
rs61858978
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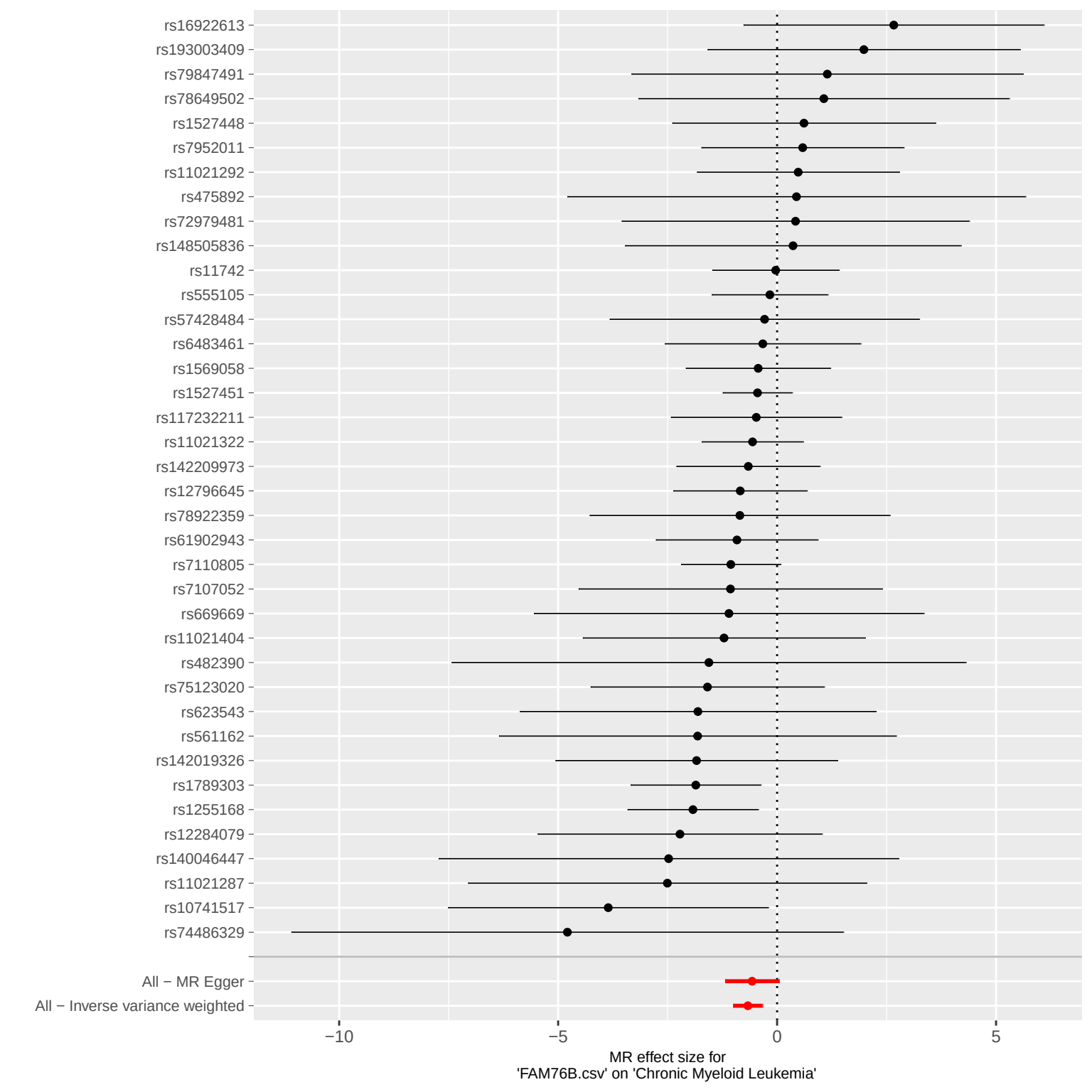
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FAM22B.csv' on 'Chronic Myeloid Leukemia'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rs555105
rs57428484
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rs11021322
rs142209973
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rs669669
rs11021404
rs482390
rs75123020
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rs561162
rs142019326
rs1789303
rs1255168
rs12284079
rs140046447
rs11021287
rs10741517
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All − MR Egger
All − Inverse variance weighted
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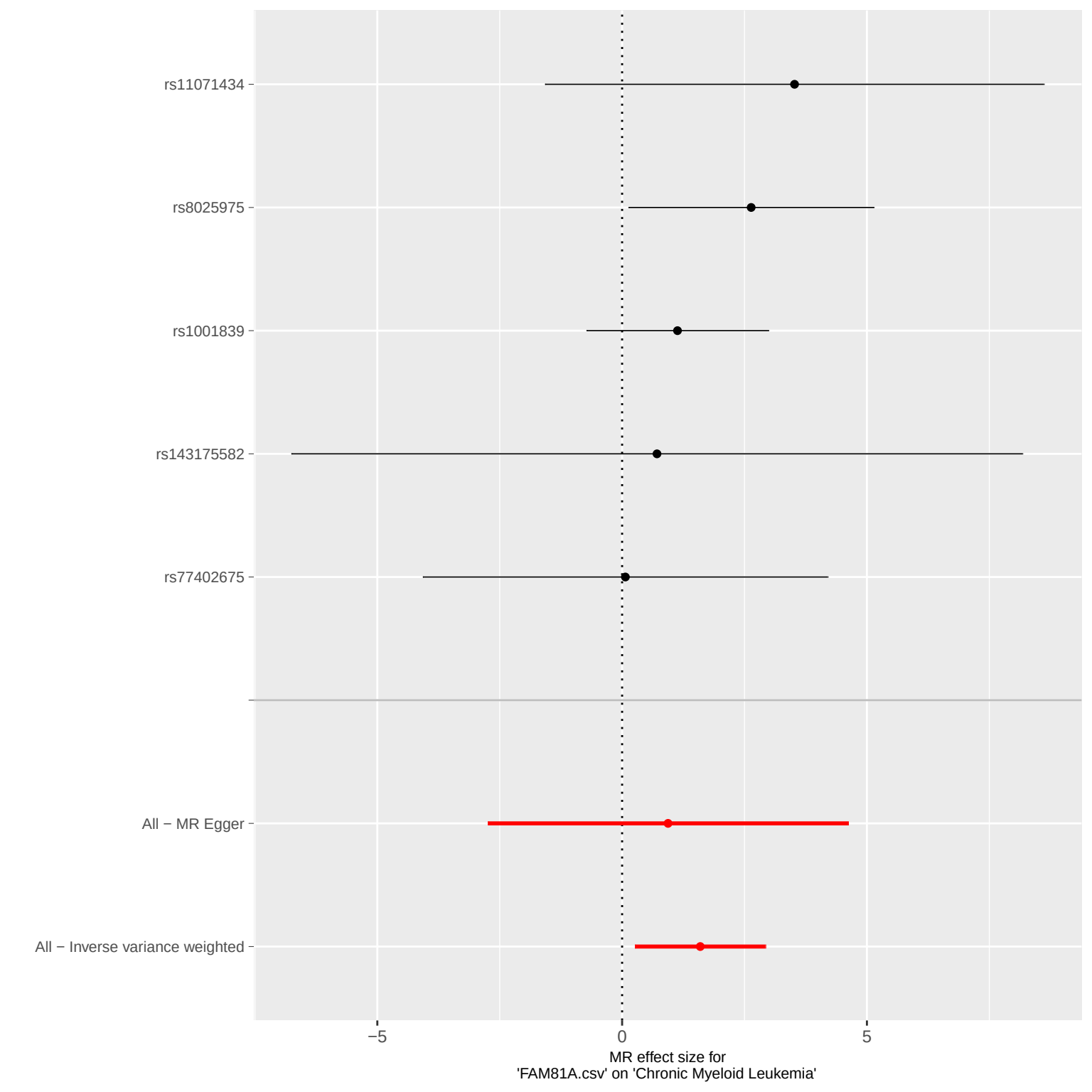
5
MR effect size for
'FAM76B.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
0
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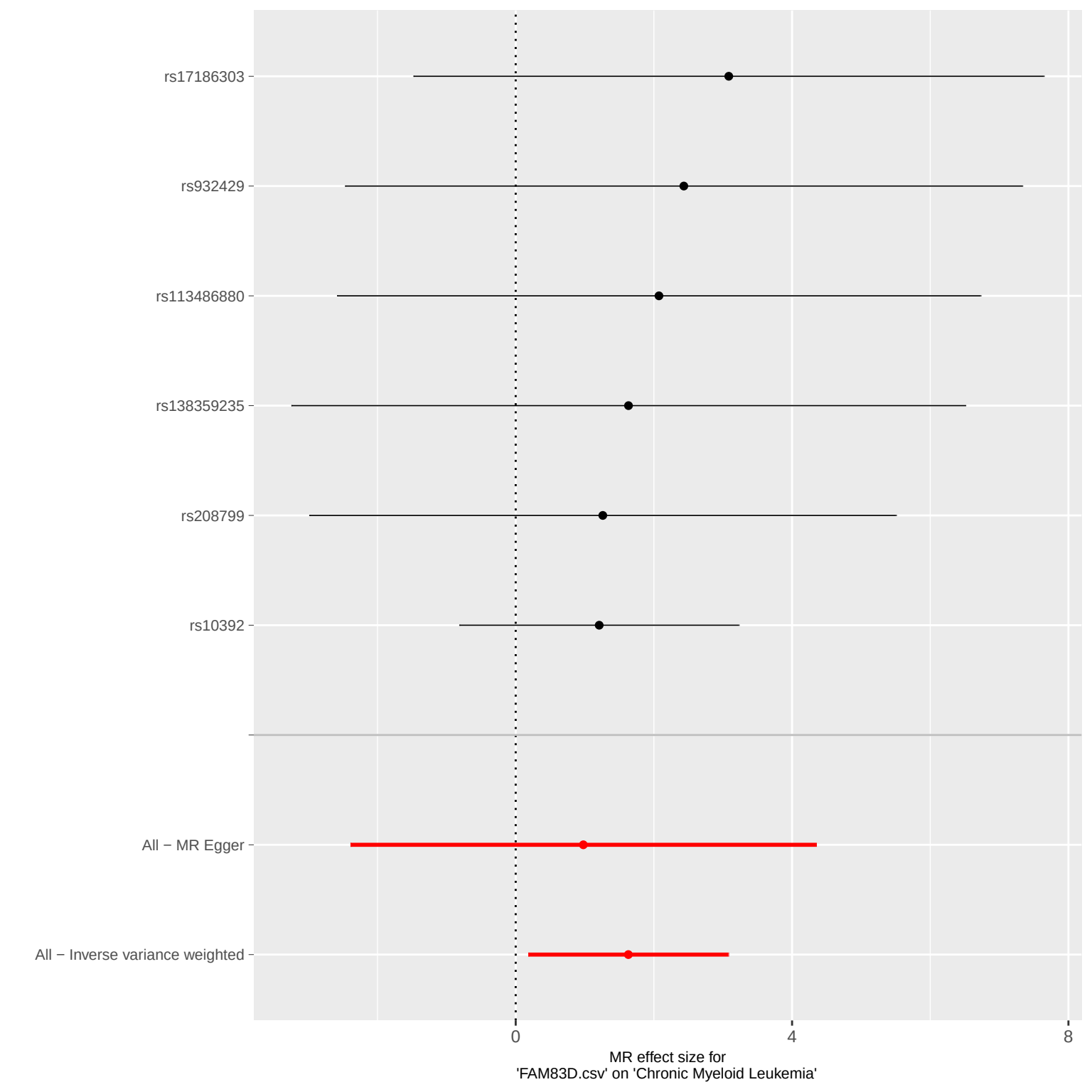
MR effect size for
'FAM81A.csv' on 'Chronic Myeloid Leukemia'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rs10392
All − MR Egger
All − Inverse variance weighted
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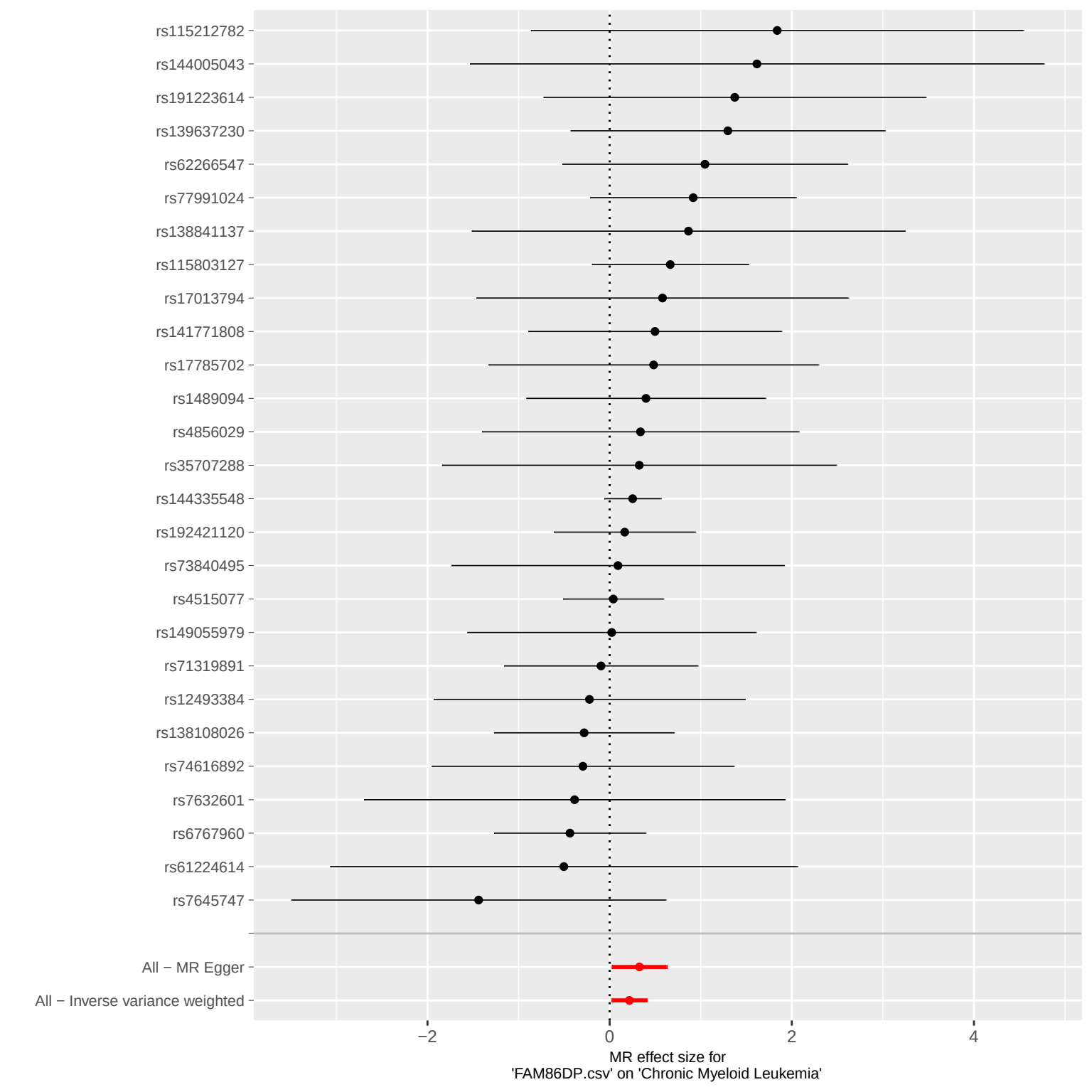
MR effect size for
'FAM83D.csv' on 'Chronic Myeloid Leukemia'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rs7632601
rs6767960
rs61224614
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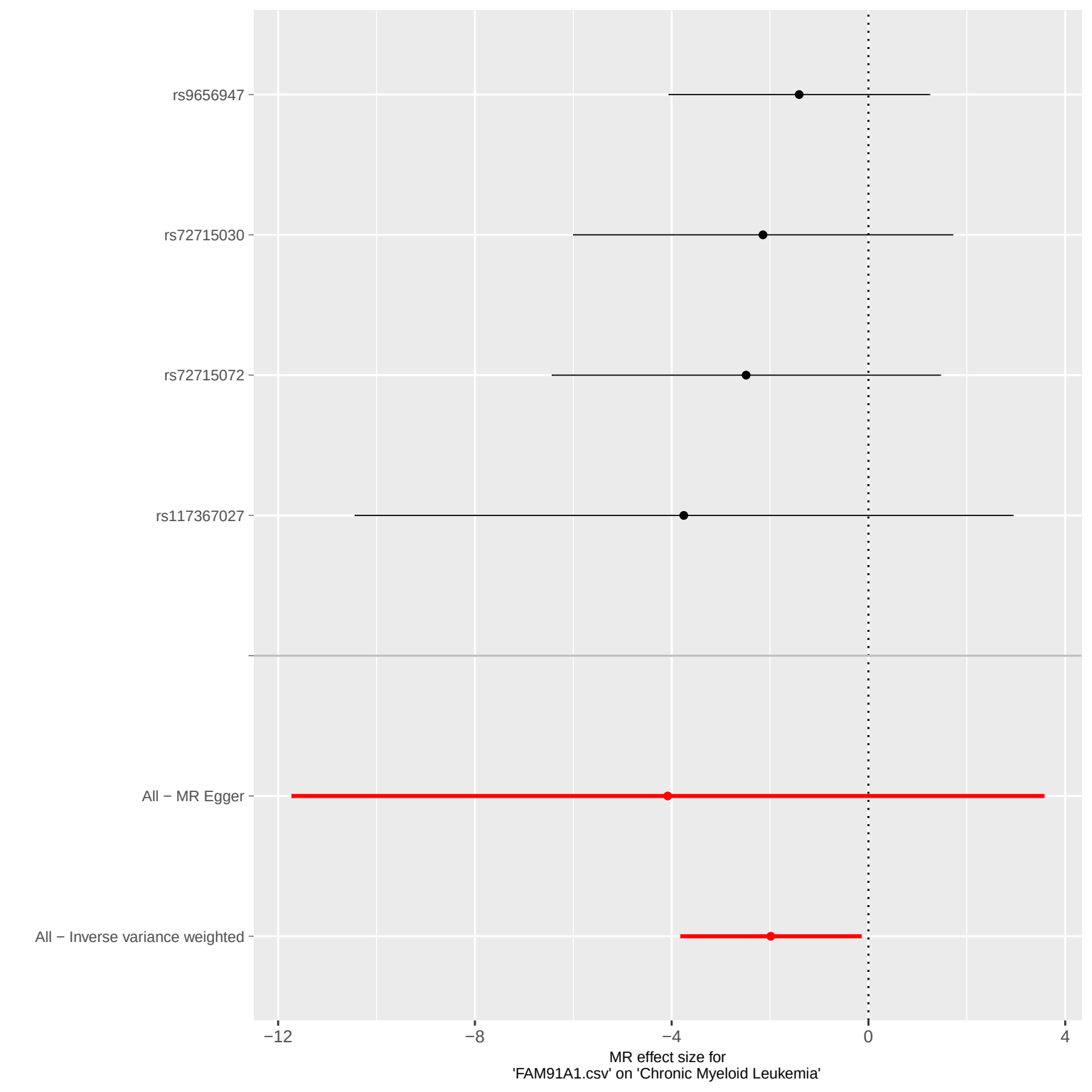
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FAM86DP.csv' on 'Chronic Myeloid Leukemia'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rs72715030
rs72715072
rs117367027
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All − Inverse variance weighted
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−4
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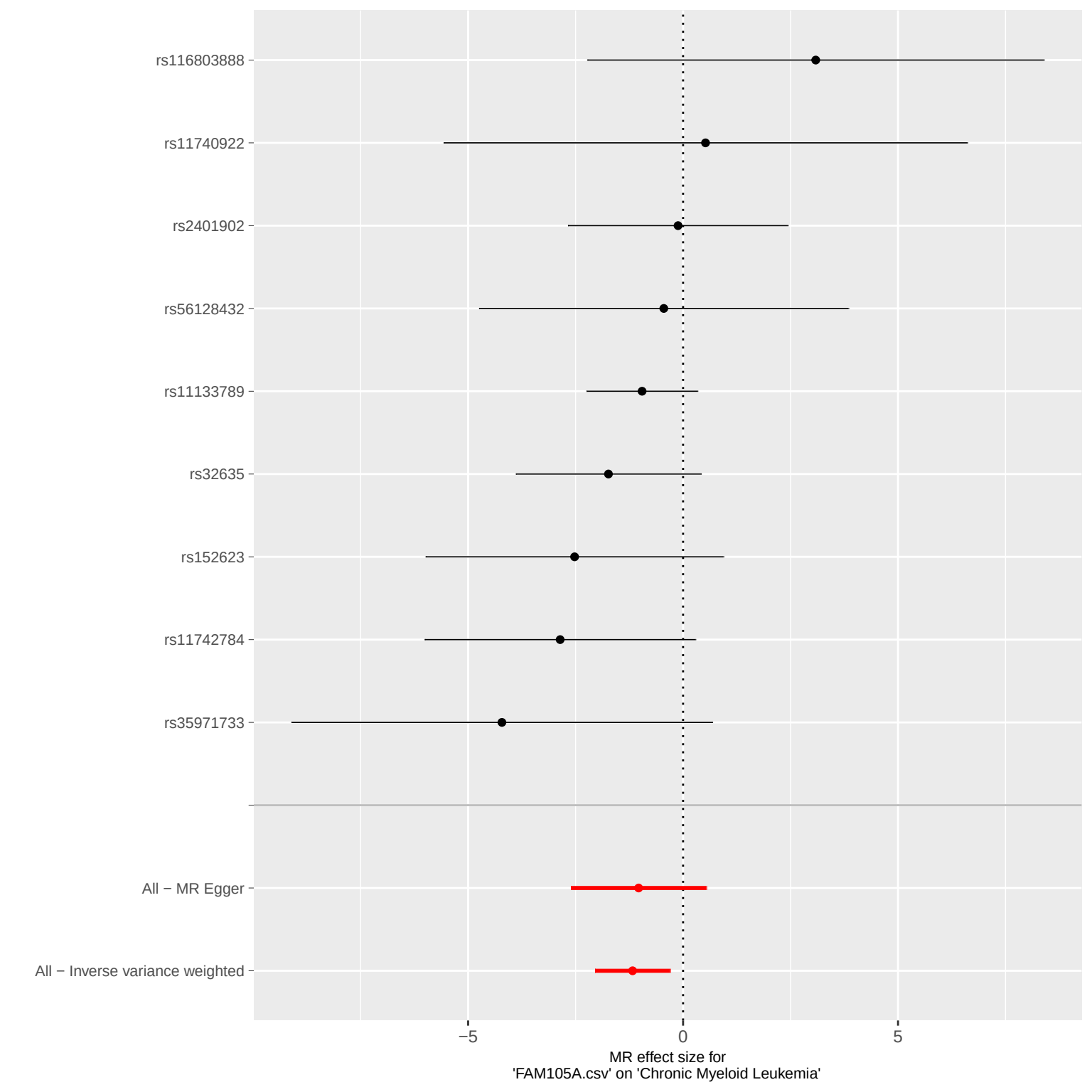
MR effect size for
'FAM91A1.csv' on 'Chronic Myeloid Leukemia'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rs32635
rs152623
rs11742784
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All − MR Egger
All − Inverse variance weighted
−5
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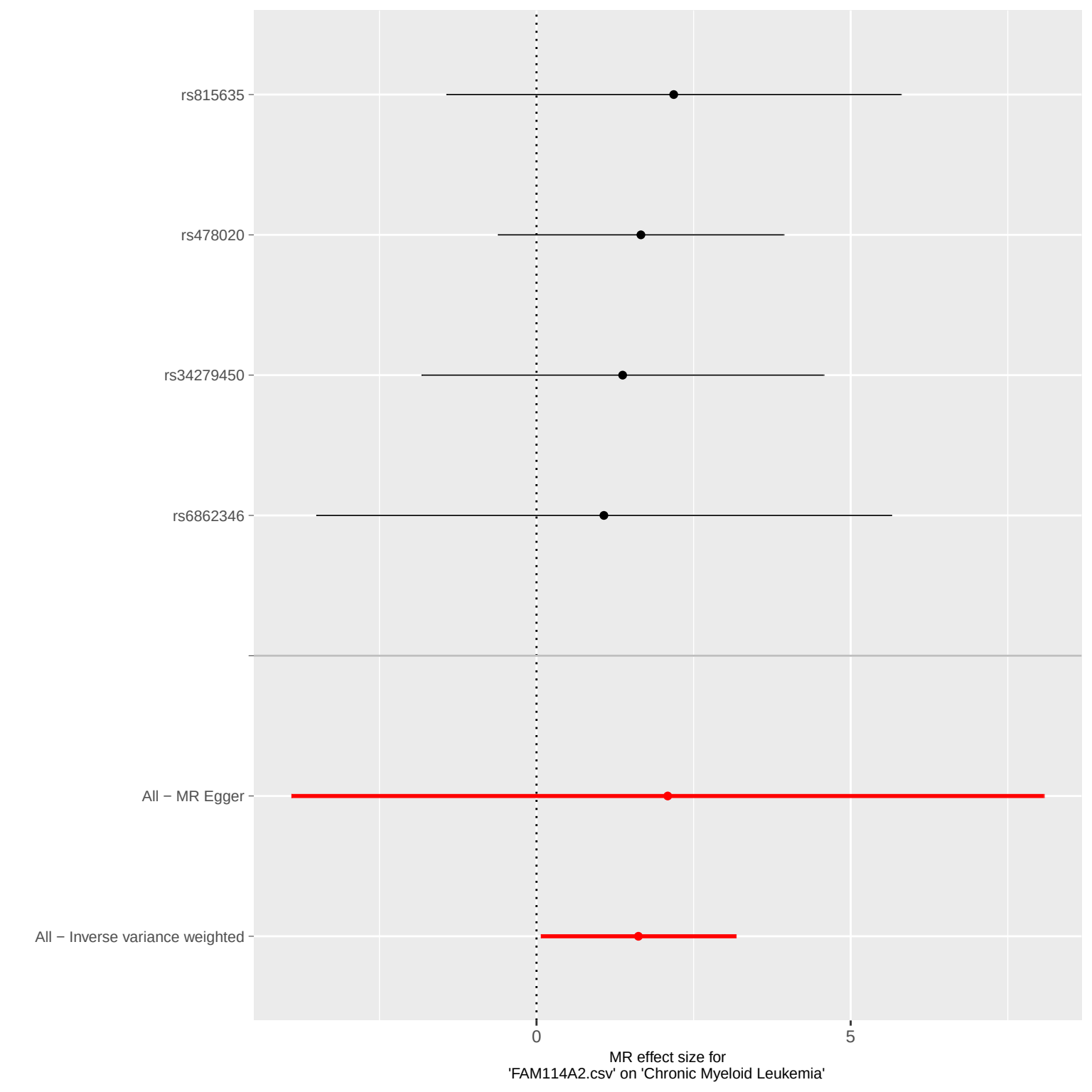
MR effect size for
'FAM105A.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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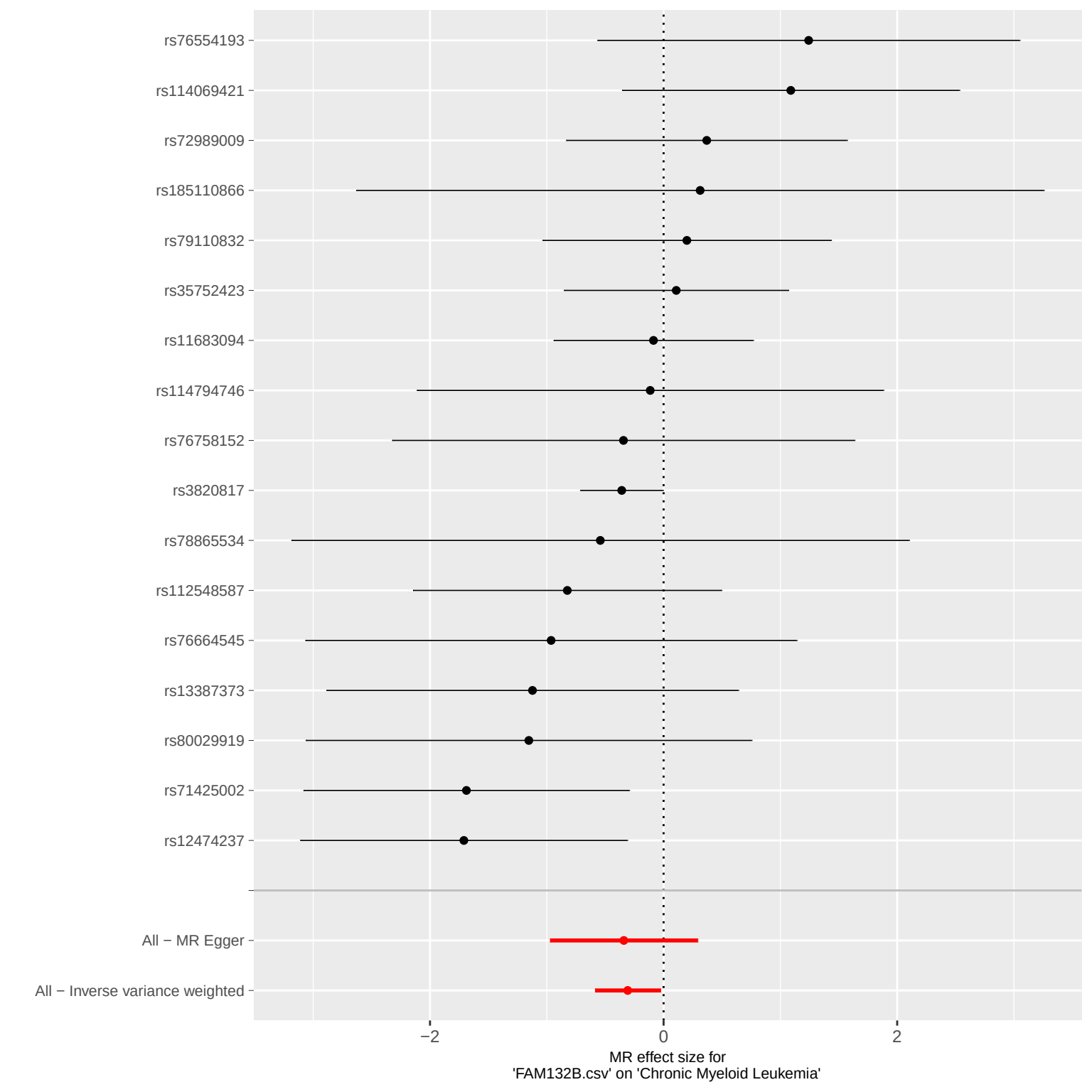
MR effect size for
'FAM114A2.csv' on 'Chronic Myeloid Leukemia'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rs76664545
rs13387373
rs80029919
rs71425002
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All − Inverse variance weighted
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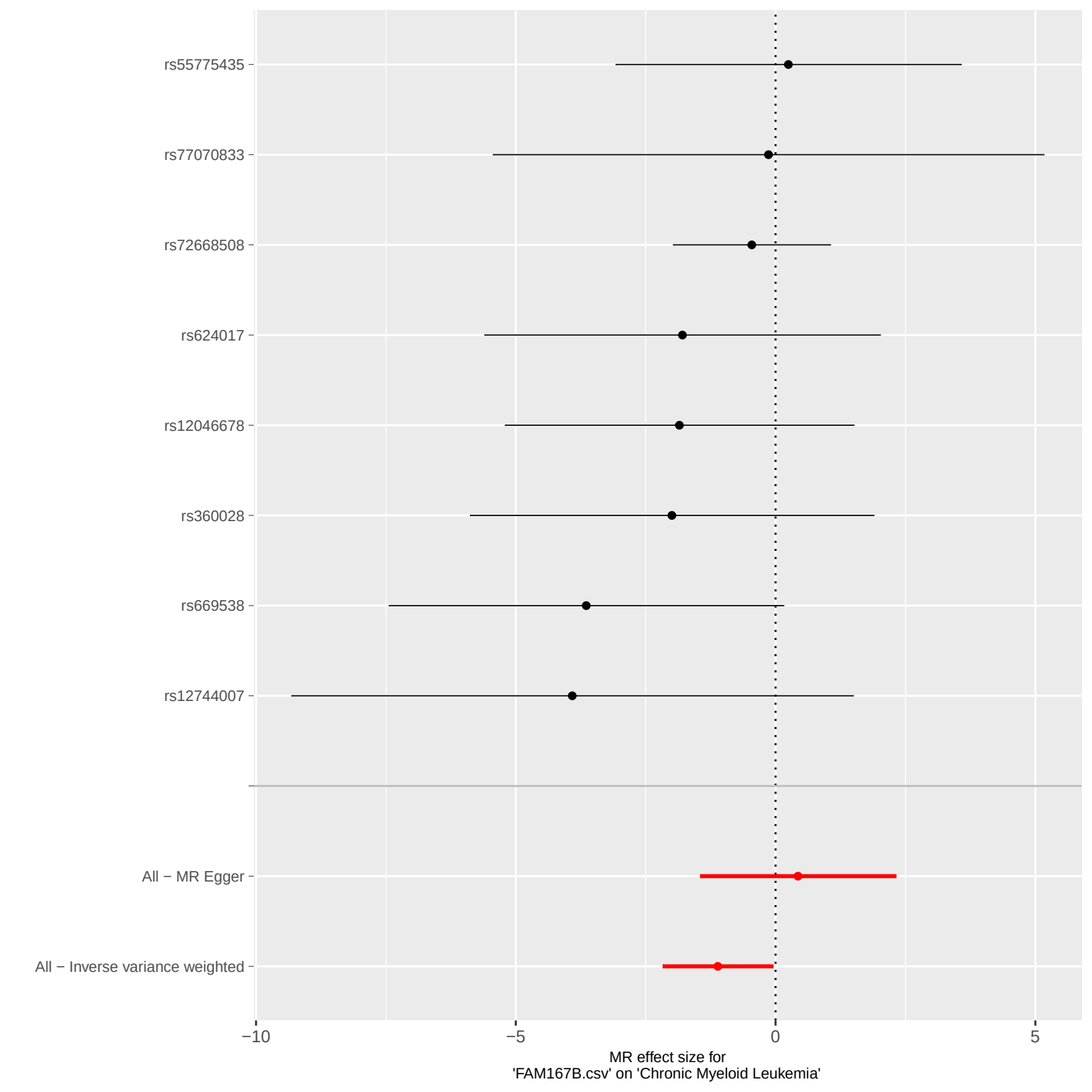
MR effect size for
'FAM132B.csv' on 'Chronic Myeloid Leukemia'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rs360028
rs669538
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All − MR Egger
All − Inverse variance weighted
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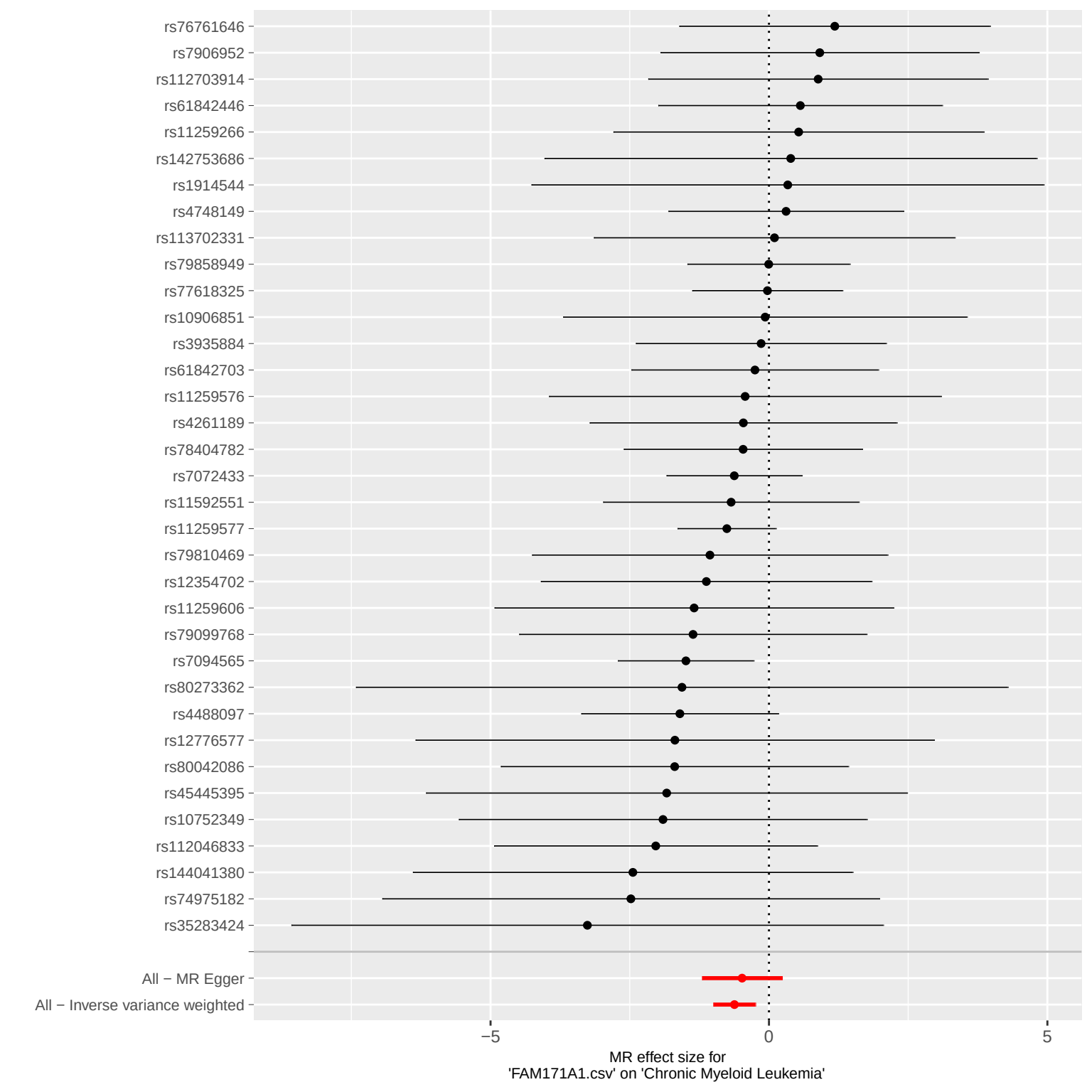
−5
0
5
MR effect size for
'FAM167B.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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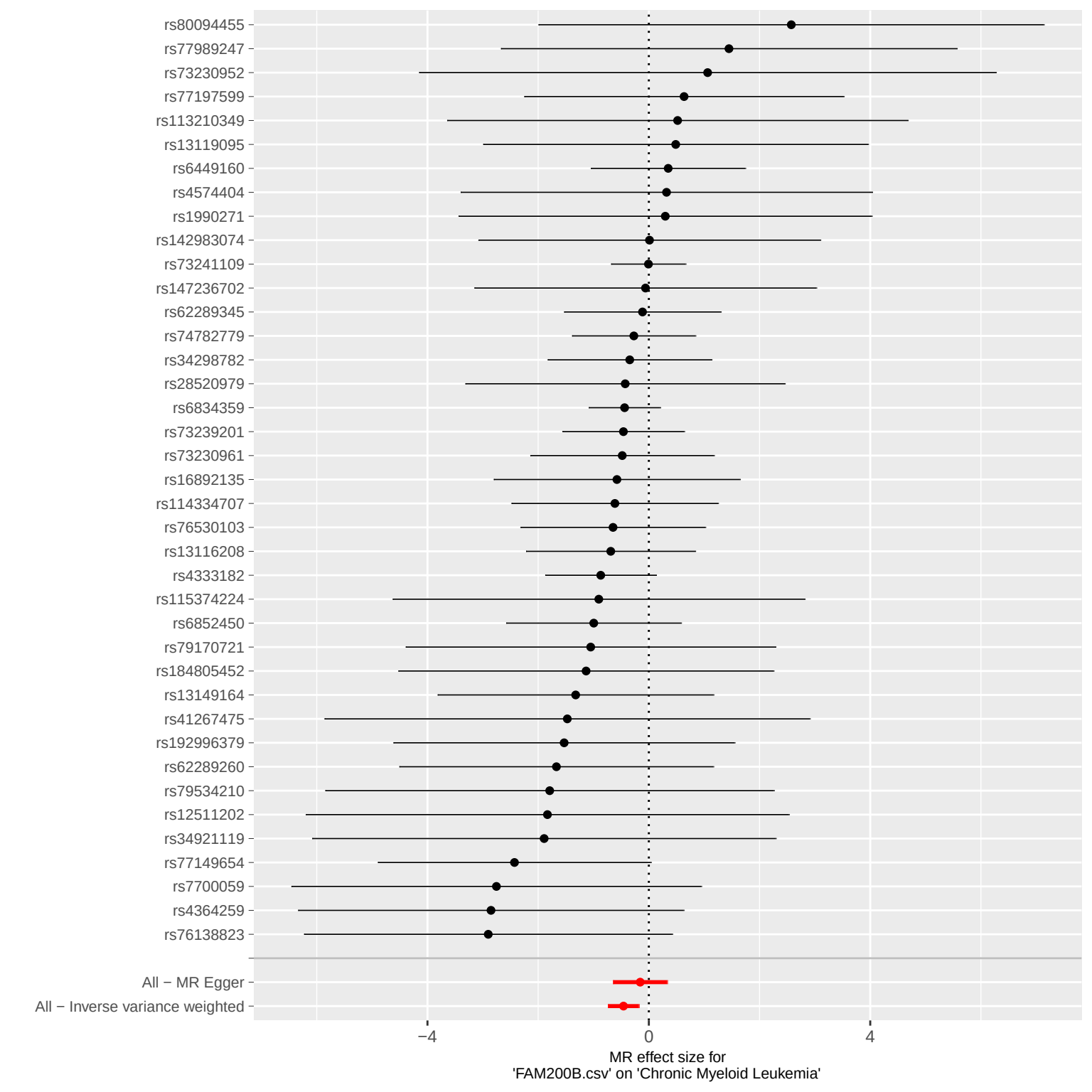
MR effect size for
'FAM171A1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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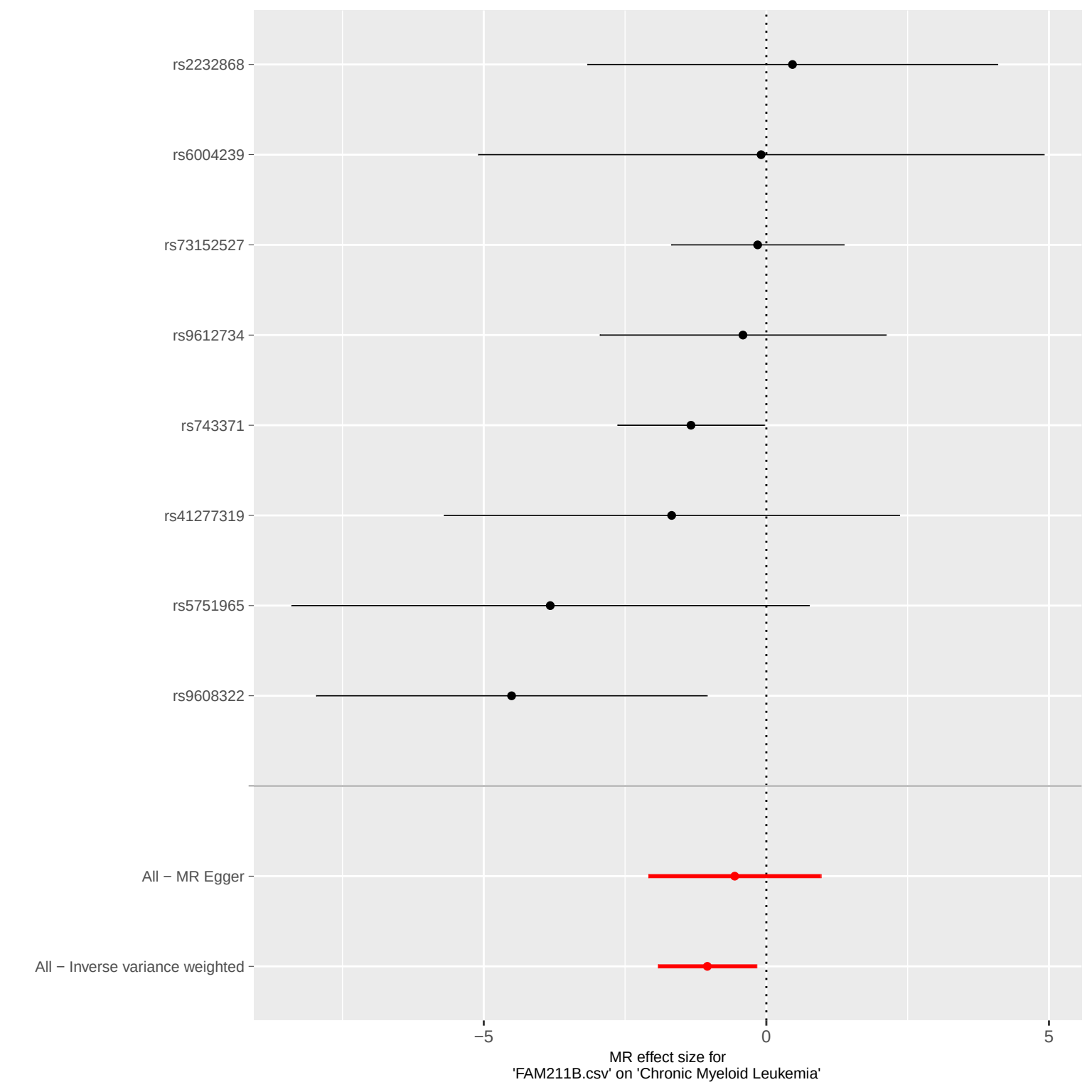
4
MR effect size for
'FAM200B.csv' on 'Chronic Myeloid Leukemia'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rs743371
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All − MR Egger
All − Inverse variance weighted
−5
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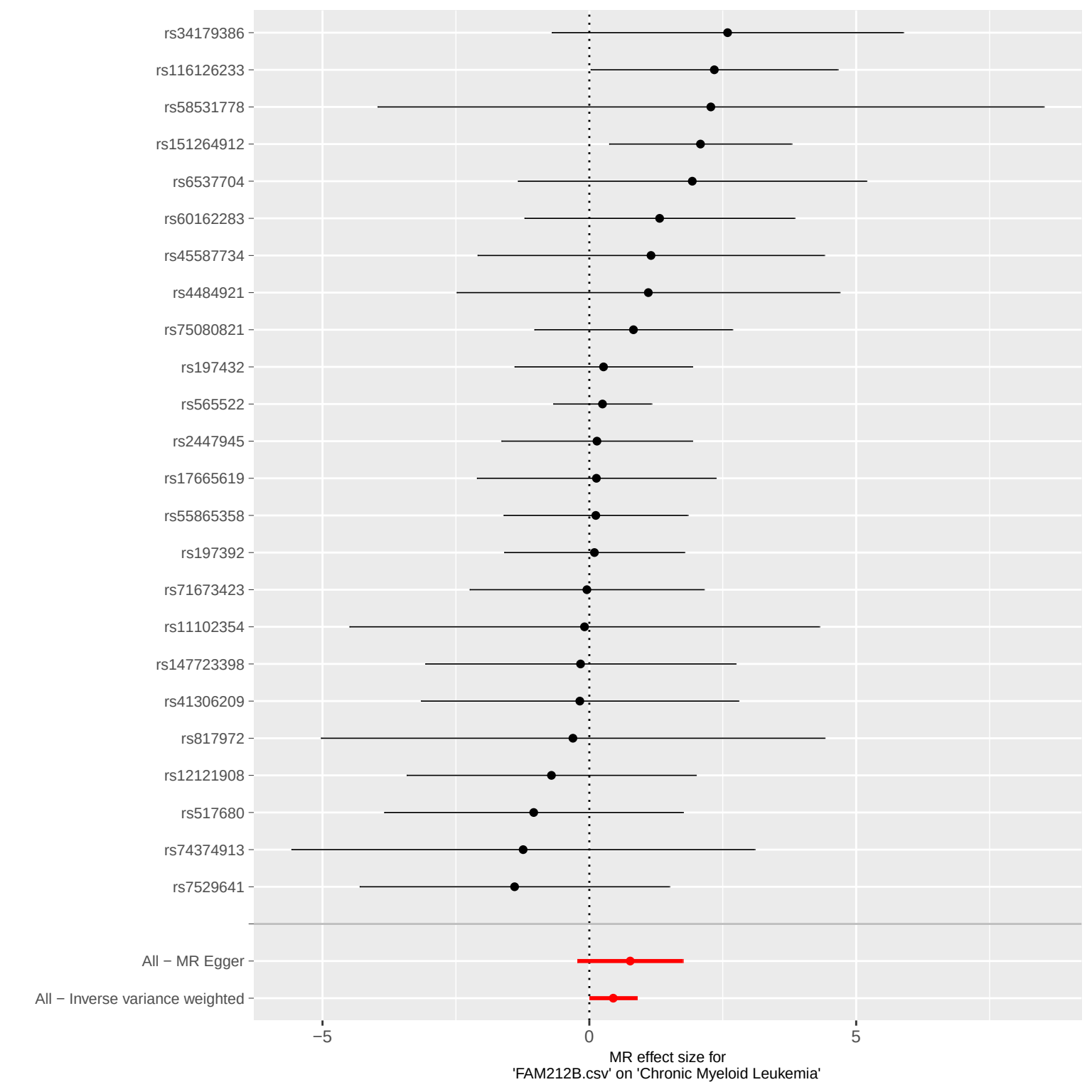
MR effect size for
'FAM211B.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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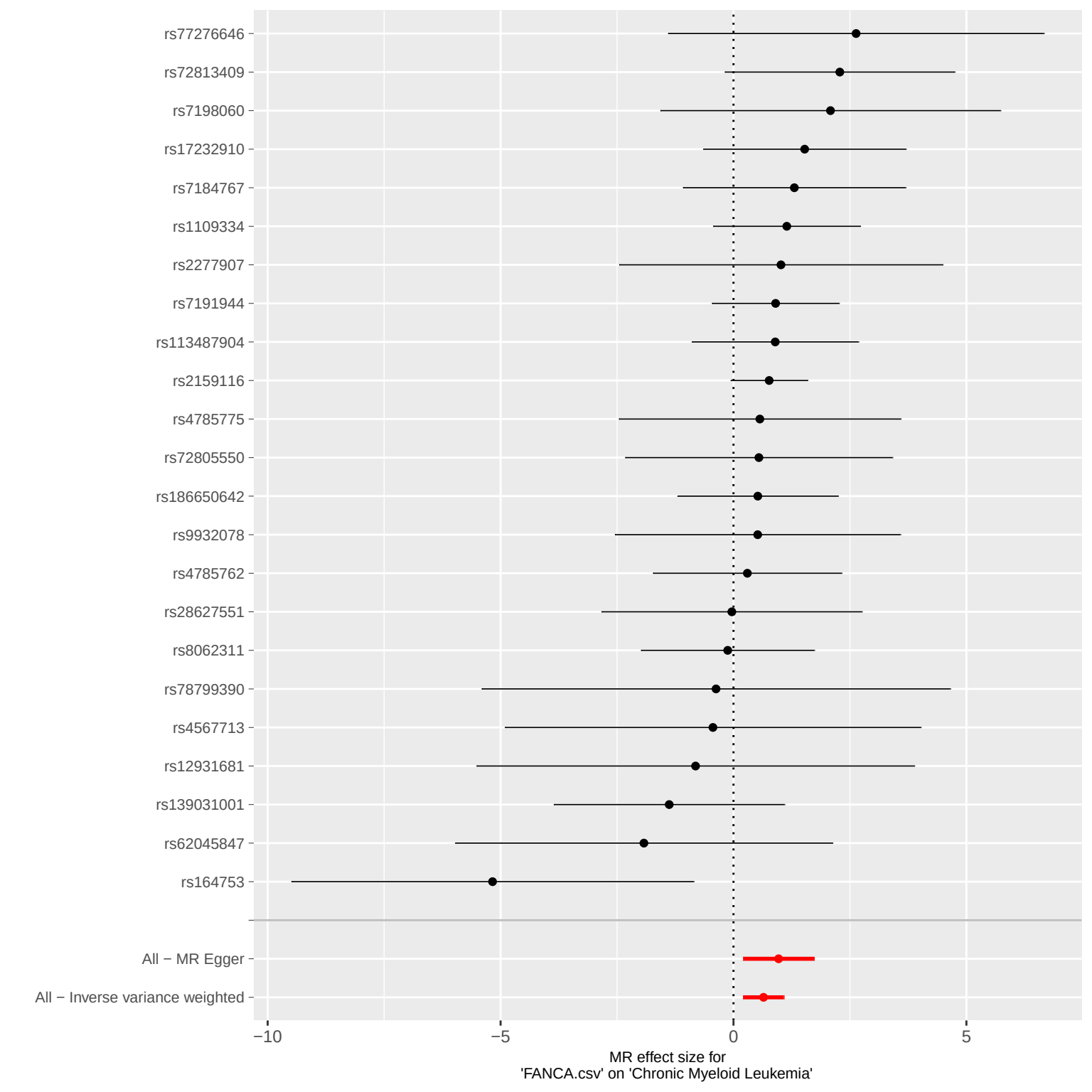
MR effect size for
'FAM212B.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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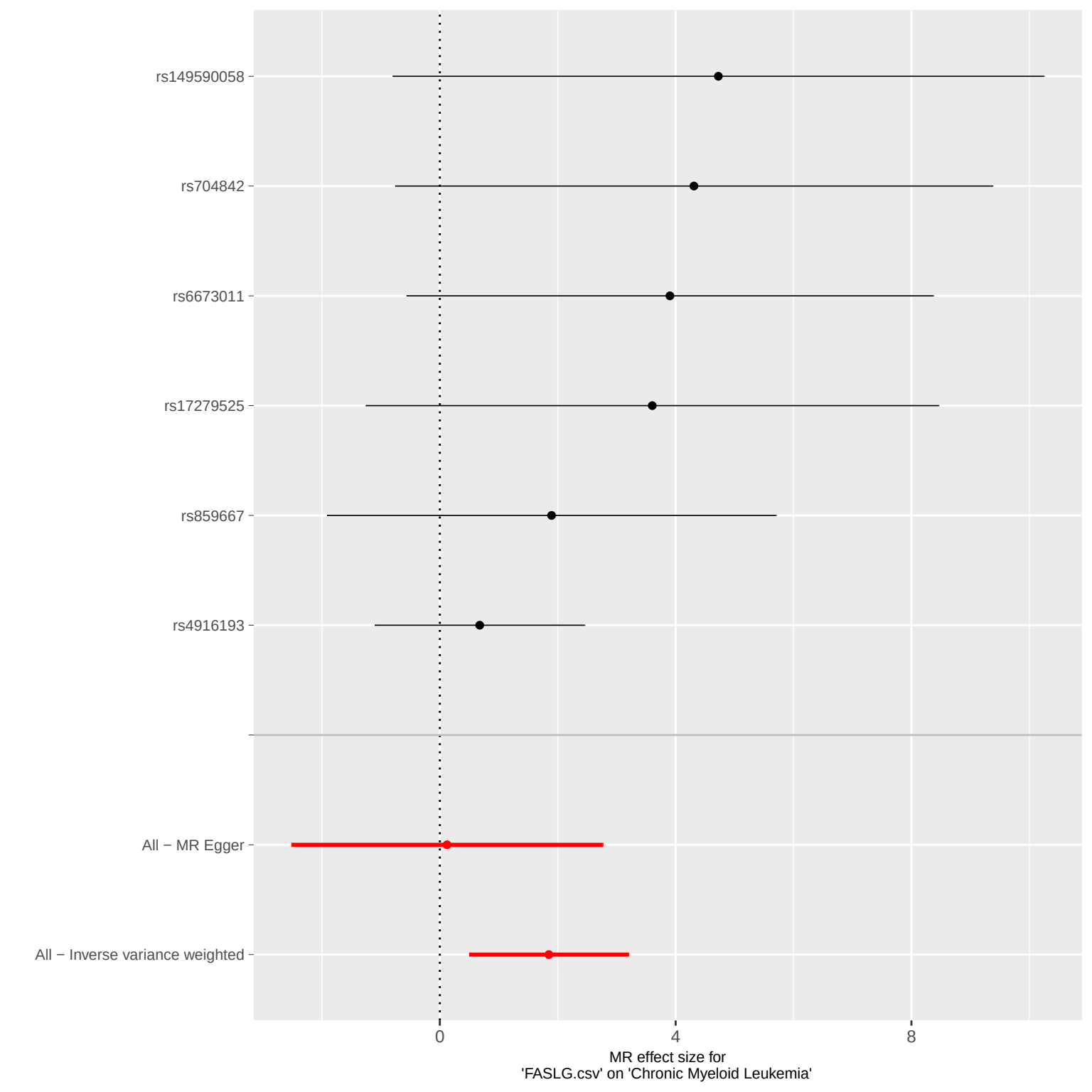
5
MR effect size for
'FANCA.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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8
MR effect size for
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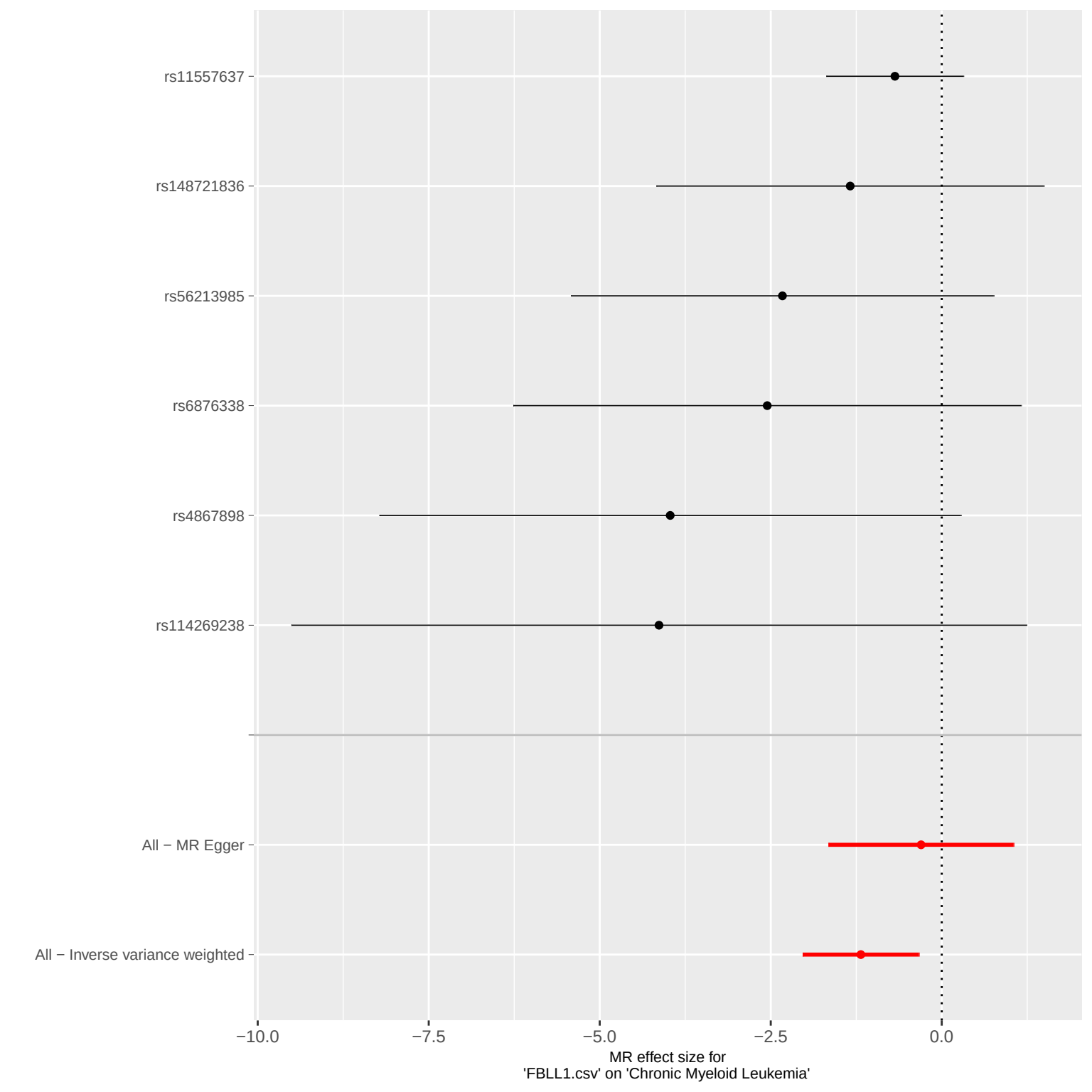
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MR effect size for
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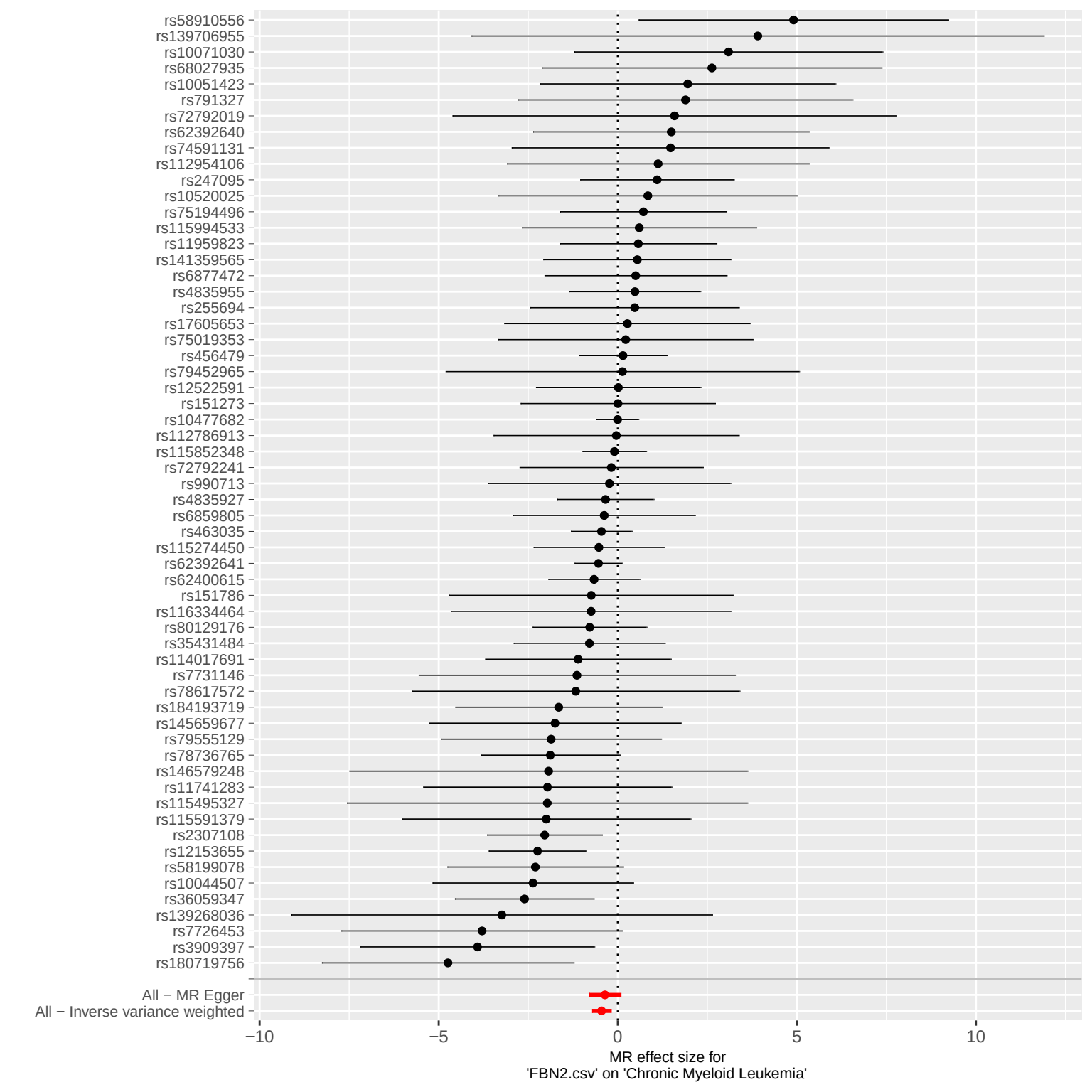
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All − MR Egger
All − Inverse variance weighted
−10
−5
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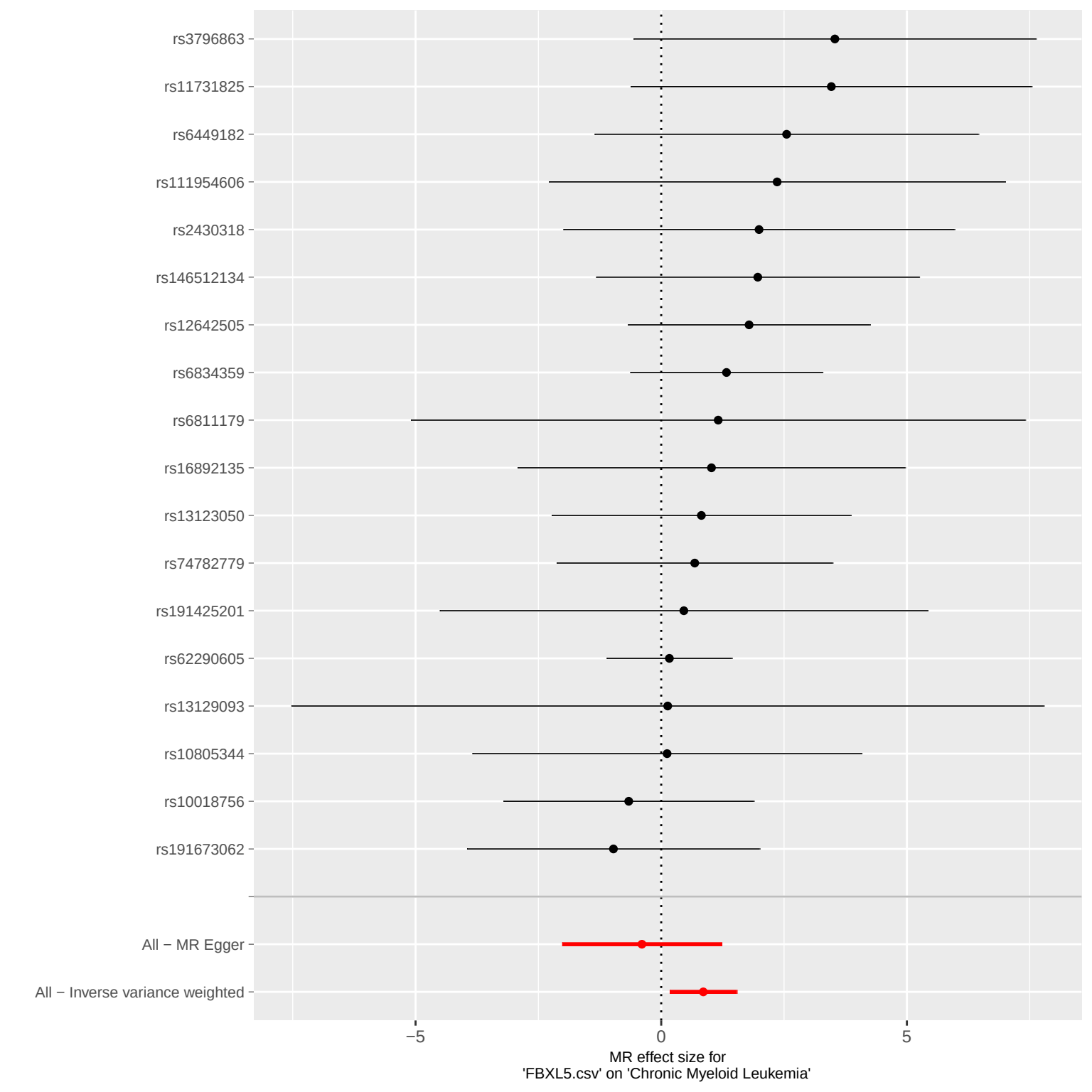
5
10
MR effect size for
'FBN2.csv' on 'Chronic Myeloid Leukemia'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rs74782779
rs191425201
rs62290605
rs13129093
rs10805344
rs10018756
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All − MR Egger
All − Inverse variance weighted
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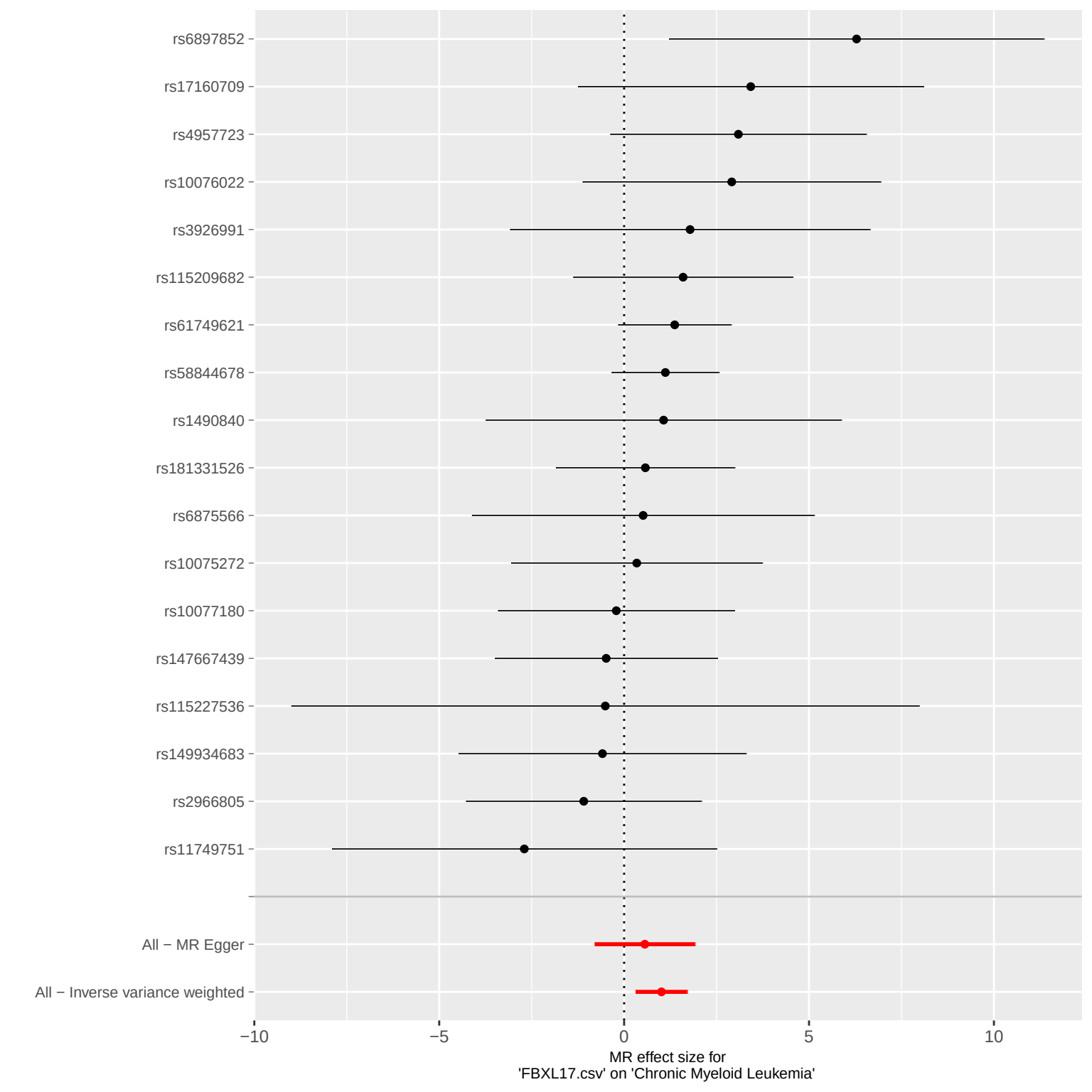
MR effect size for
'FBXL5.csv' on 'Chronic Myeloid Leukemia'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rs10075272
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rs147667439
rs115227536
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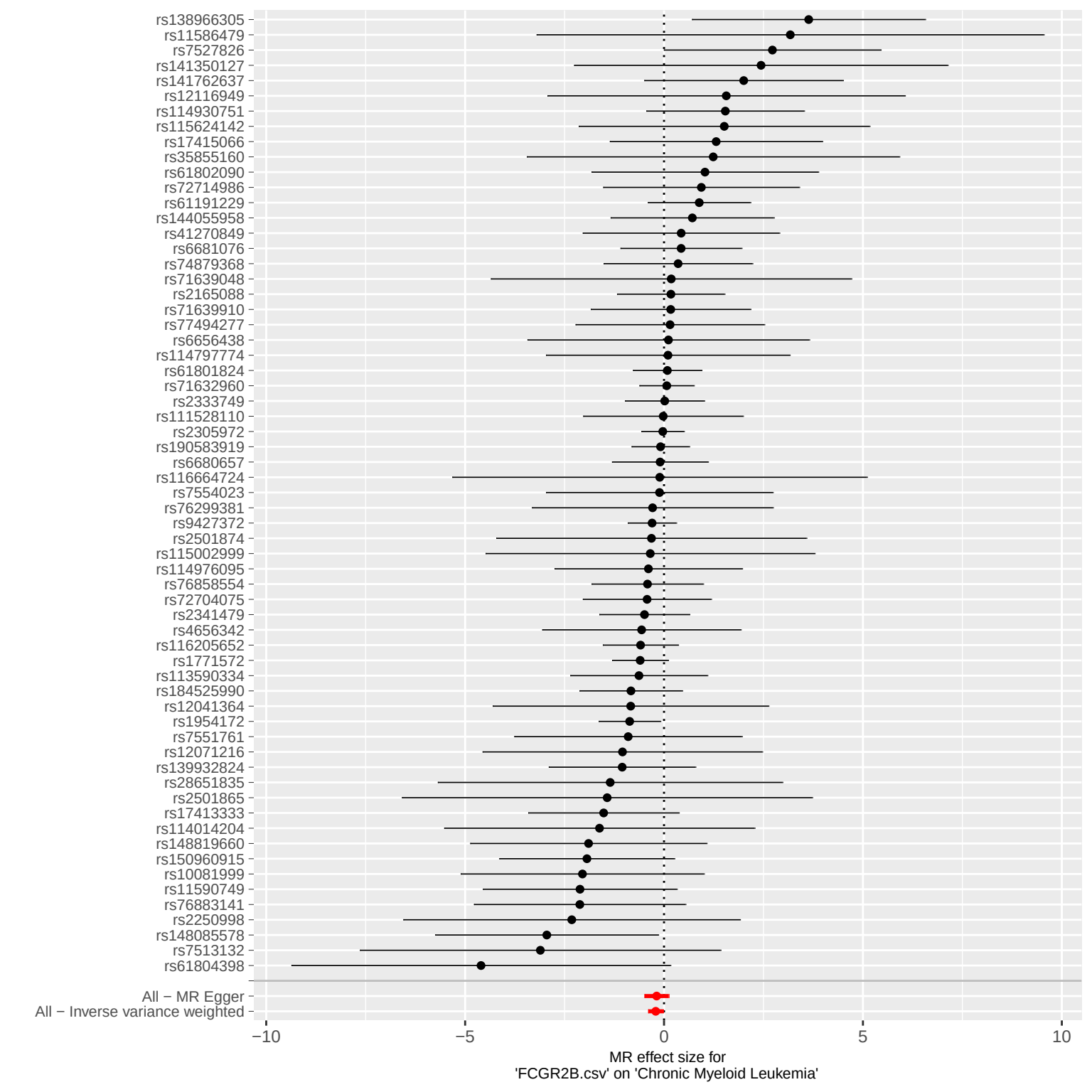
rs2966805
rs11749751
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'FBXL17.csv' on 'Chronic Myeloid Leukemia'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rs11590749
rs76883141
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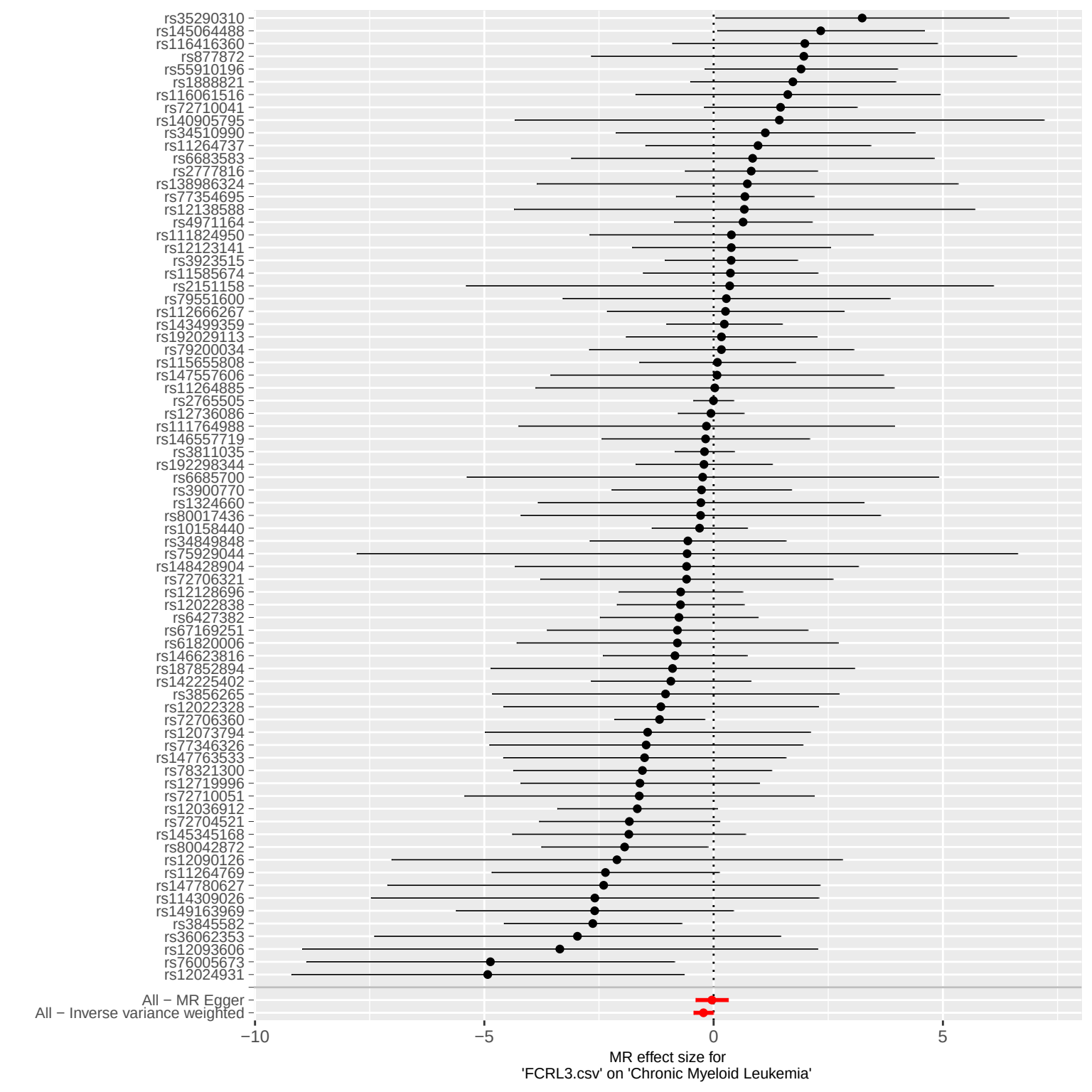
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'FCGR2B.csv' on 'Chronic Myeloid Leukemia'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rs12090126
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rs114309026
rs149163969
rs3845582
rs36062353
rs12093606
rs76005673
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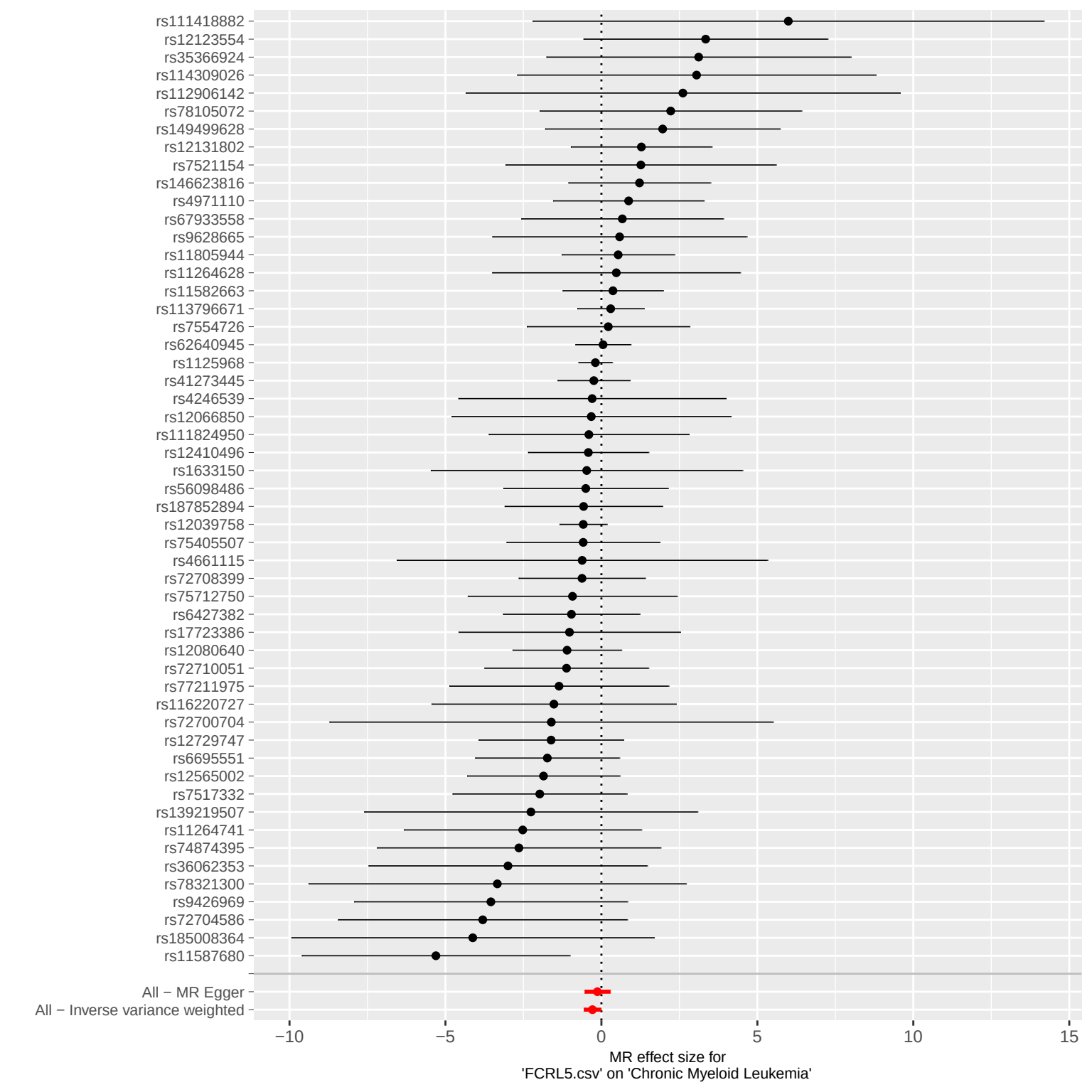
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FCRL3.csv' on 'Chronic Myeloid Leukemia'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rs12039758
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rs12565002
rs7517332
rs139219507
rs11264741
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rs36062353
rs78321300
rs9426969
rs72704586
rs185008364
rs11587680
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All − Inverse variance weighted
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−5
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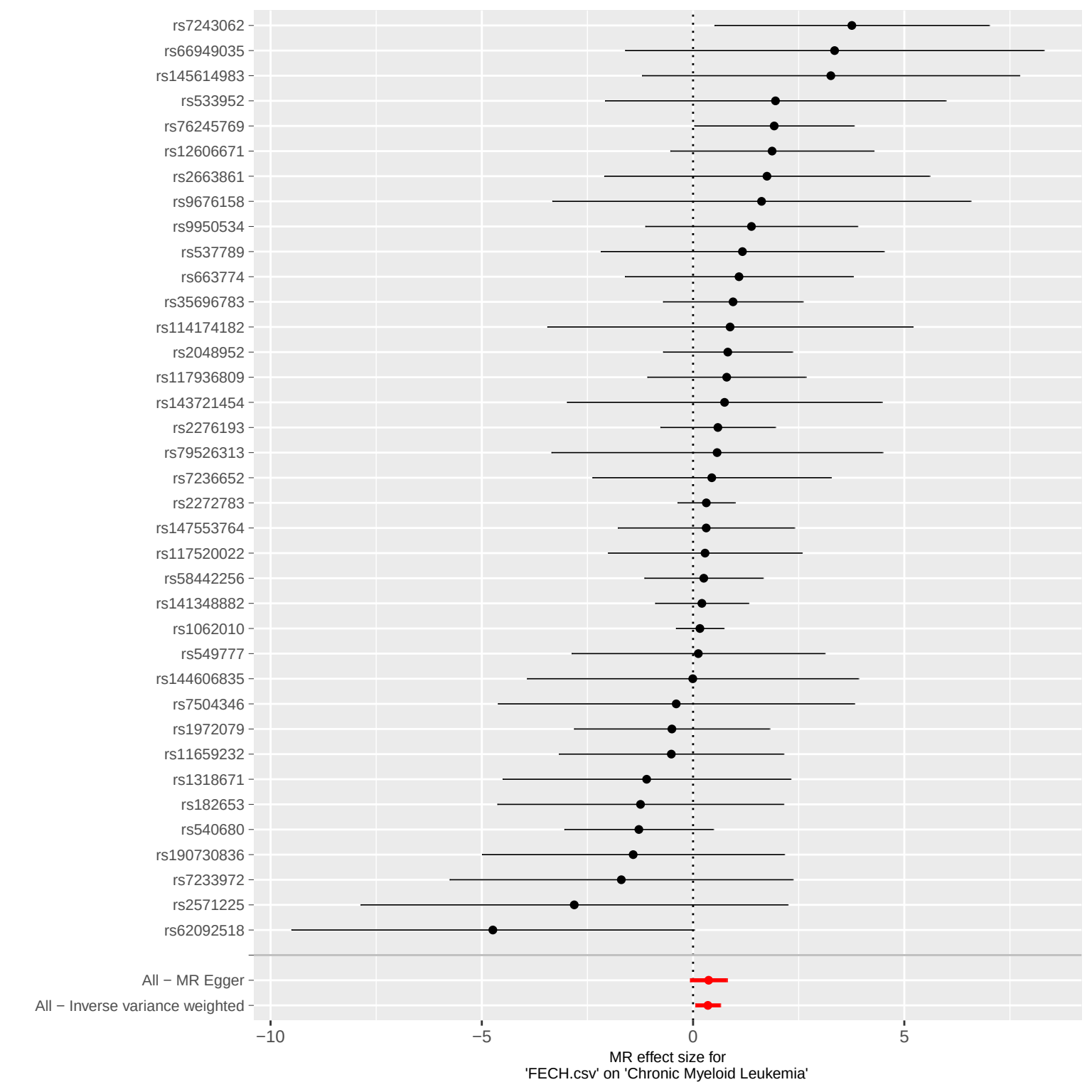
15
MR effect size for
'FCRL5.csv' on 'Chronic Myeloid Leukemia'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rs2276193
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rs7236652
rs2272783
rs147553764
rs117520022
rs58442256
rs141348882
rs1062010
rs549777
rs144606835
rs7504346
rs1972079
rs11659232
rs1318671
rs182653
rs540680
rs190730836
rs7233972
rs2571225
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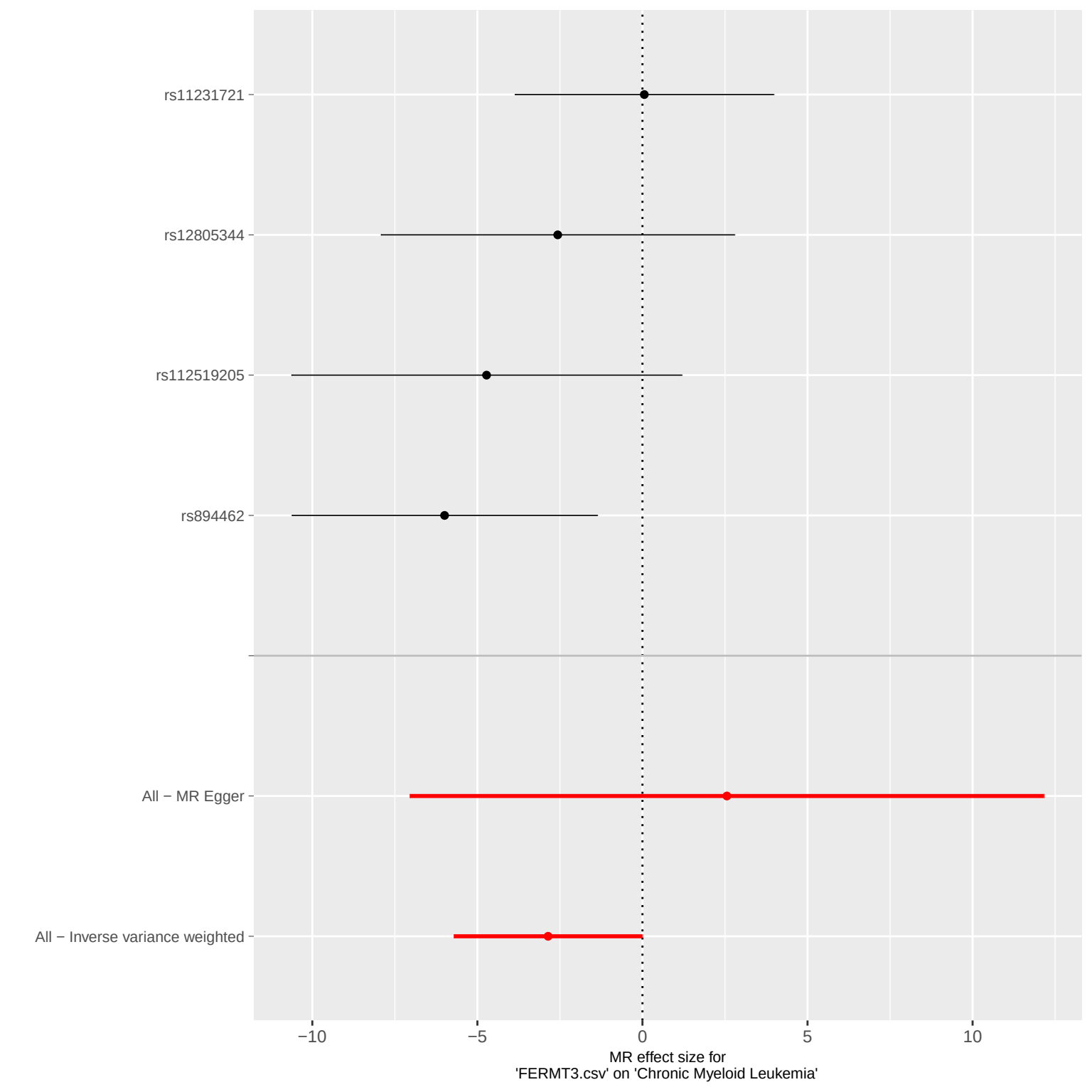
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FECH.csv' on 'Chronic Myeloid Leukemia'


rs11231721
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rs112519205
rs894462
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All − Inverse variance weighted
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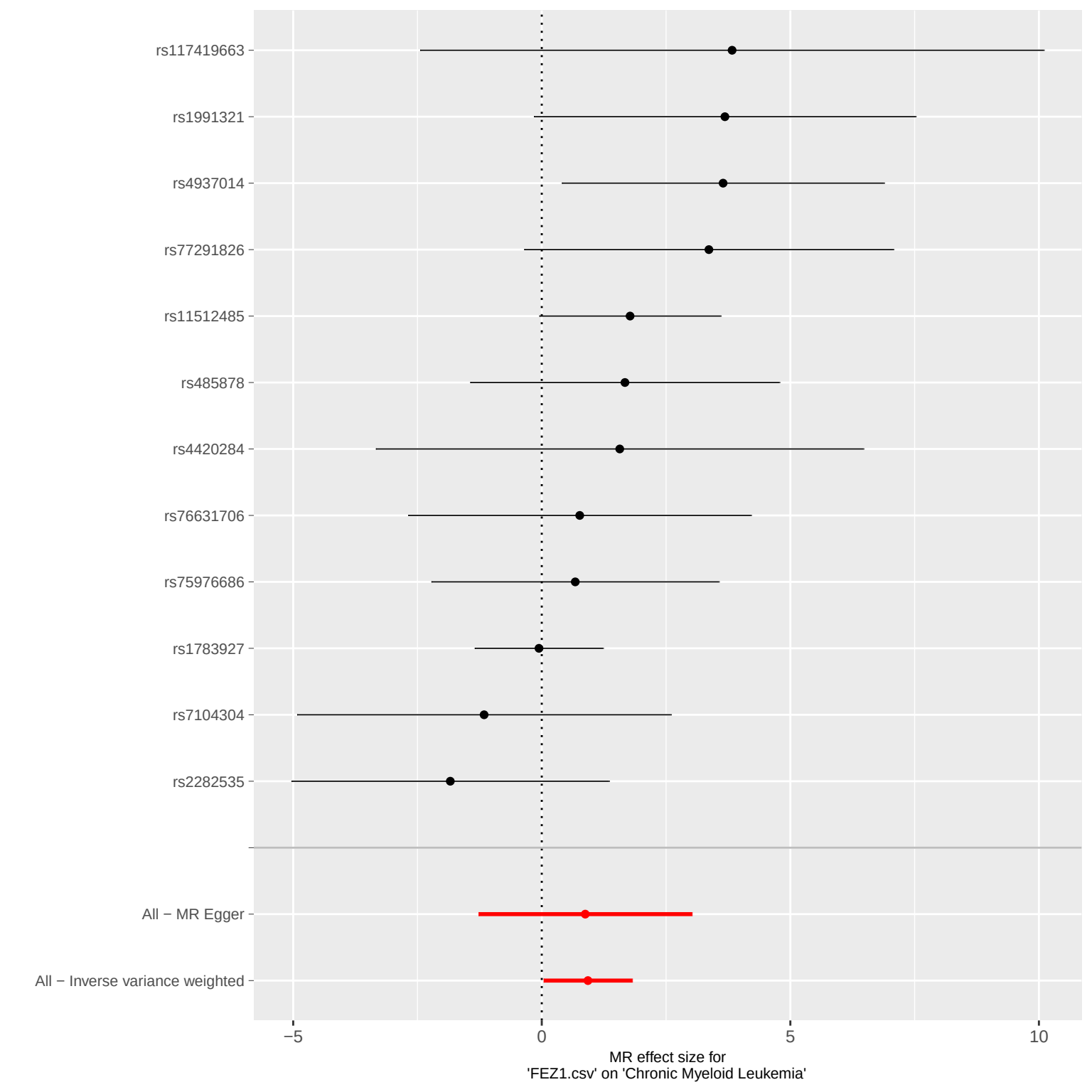
−5
0
5
10
MR effect size for
'FERMT3.csv' on 'Chronic Myeloid Leukemia'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rs4420284
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rs75976686
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rs7104304
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All − MR Egger
All − Inverse variance weighted
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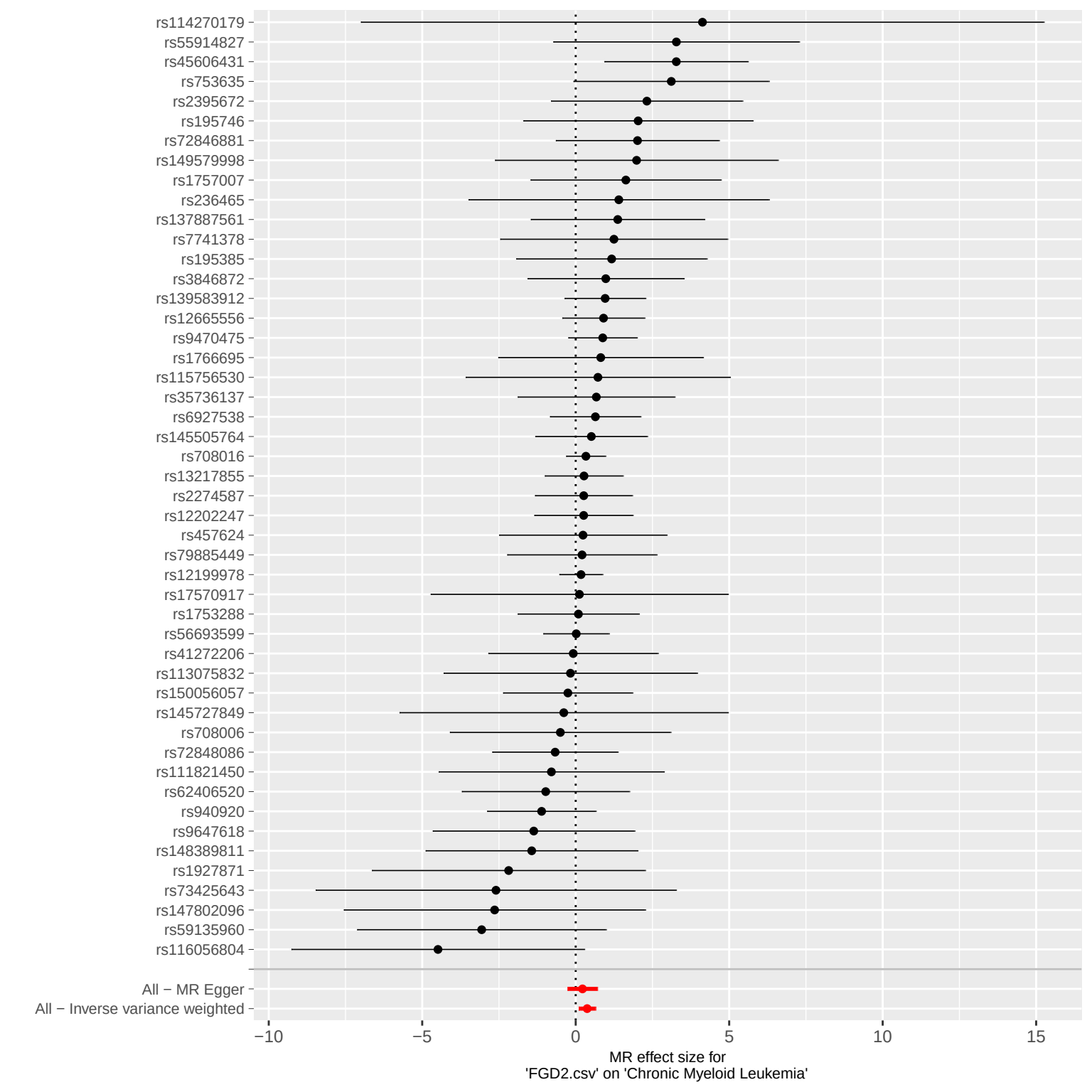
10
MR effect size for
'FEZ1.csv' on 'Chronic Myeloid Leukemia'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rs195385
rs3846872
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rs9470475
rs1766695
rs115756530
rs35736137
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rs145505764
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rs113075832
rs150056057
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rs72848086
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rs62406520
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rs9647618
rs148389811
rs1927871
rs73425643
rs147802096
rs59135960
rs116056804
All − MR Egger
All − Inverse variance weighted
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−5
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5
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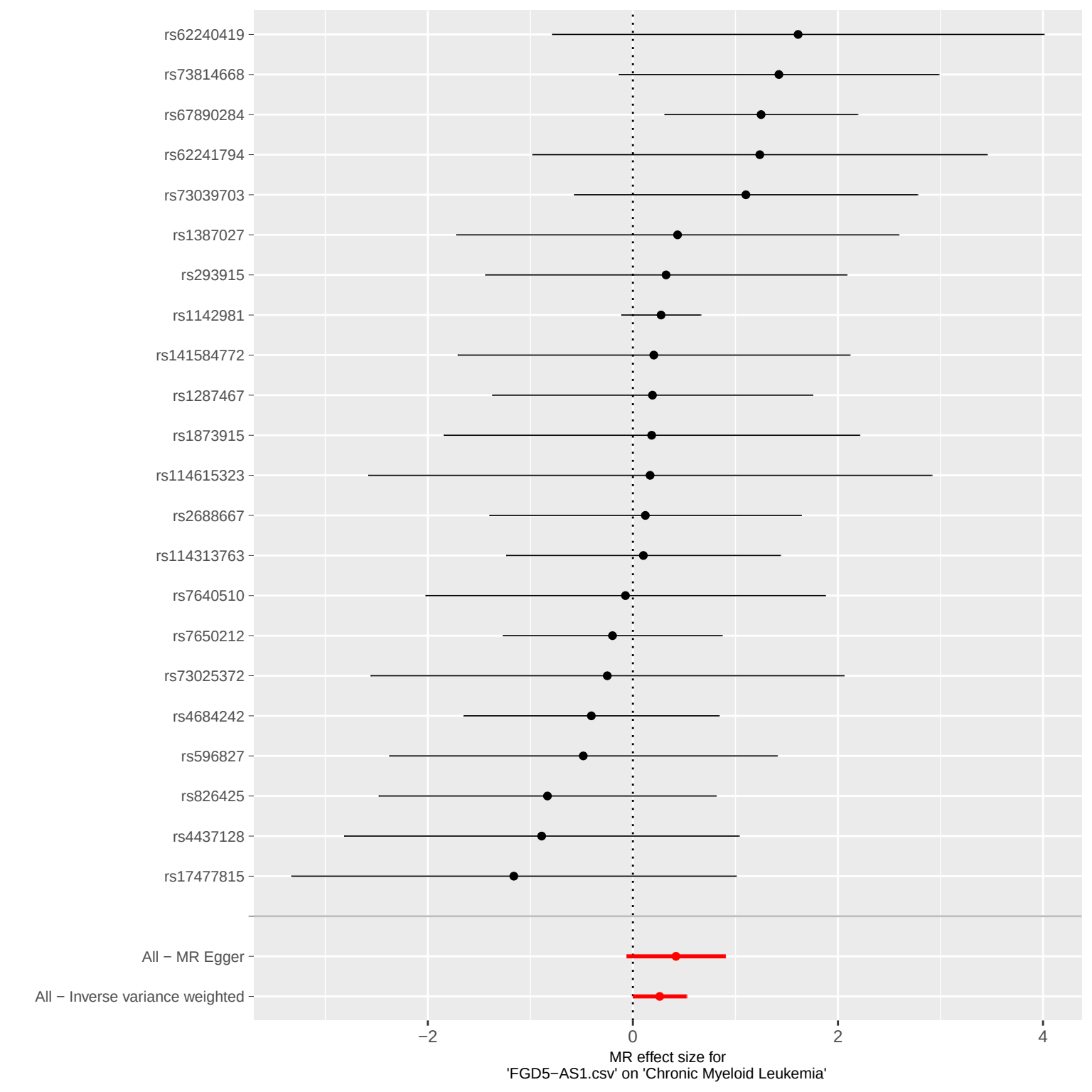
15
MR effect size for
'FGD2.csv' on 'Chronic Myeloid Leukemia'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rs2688667
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rs7640510
rs7650212
rs73025372
rs4684242
rs596827
rs826425
rs4437128
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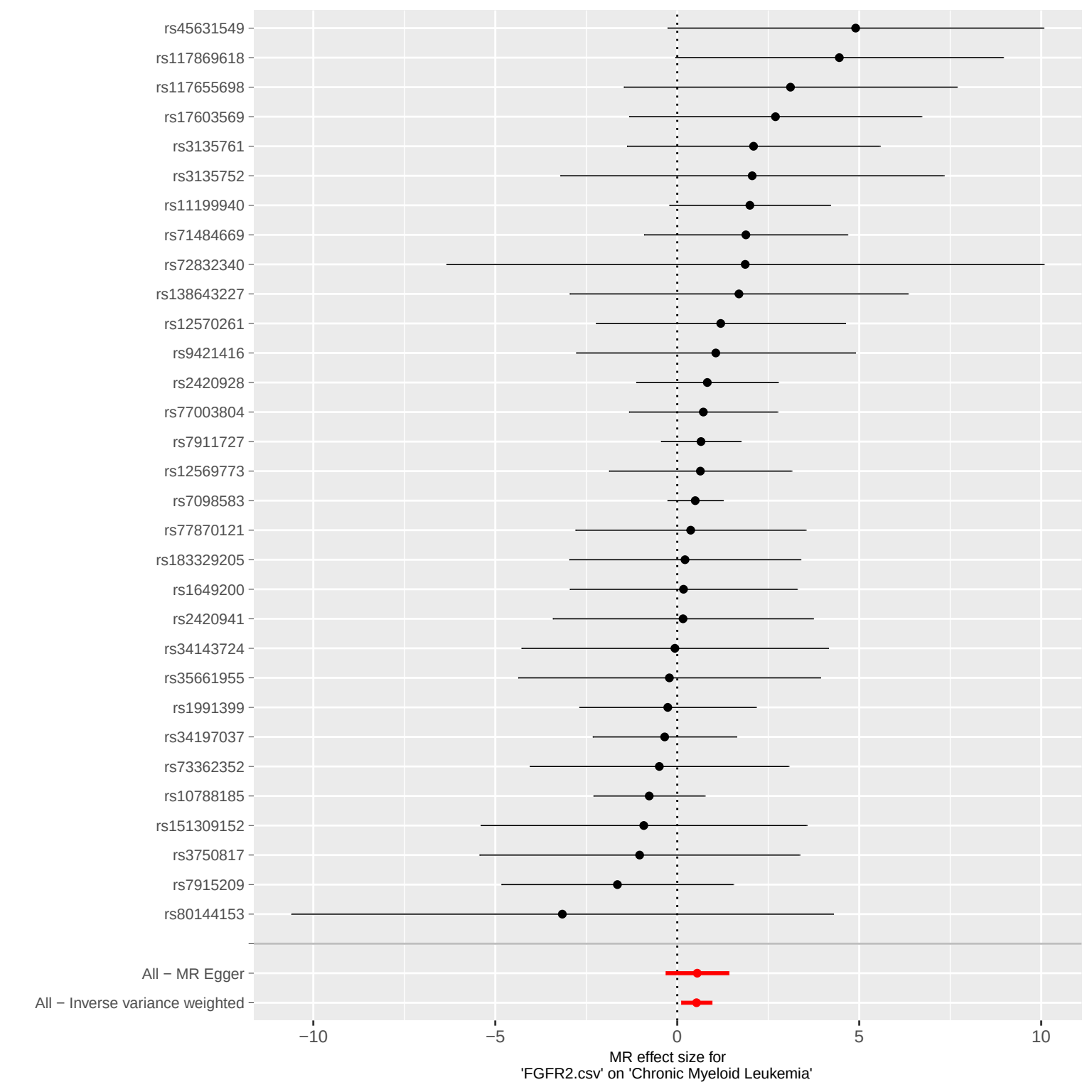
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FGD5−AS1.csv' on 'Chronic Myeloid Leukemia'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rs183329205
rs1649200
rs2420941
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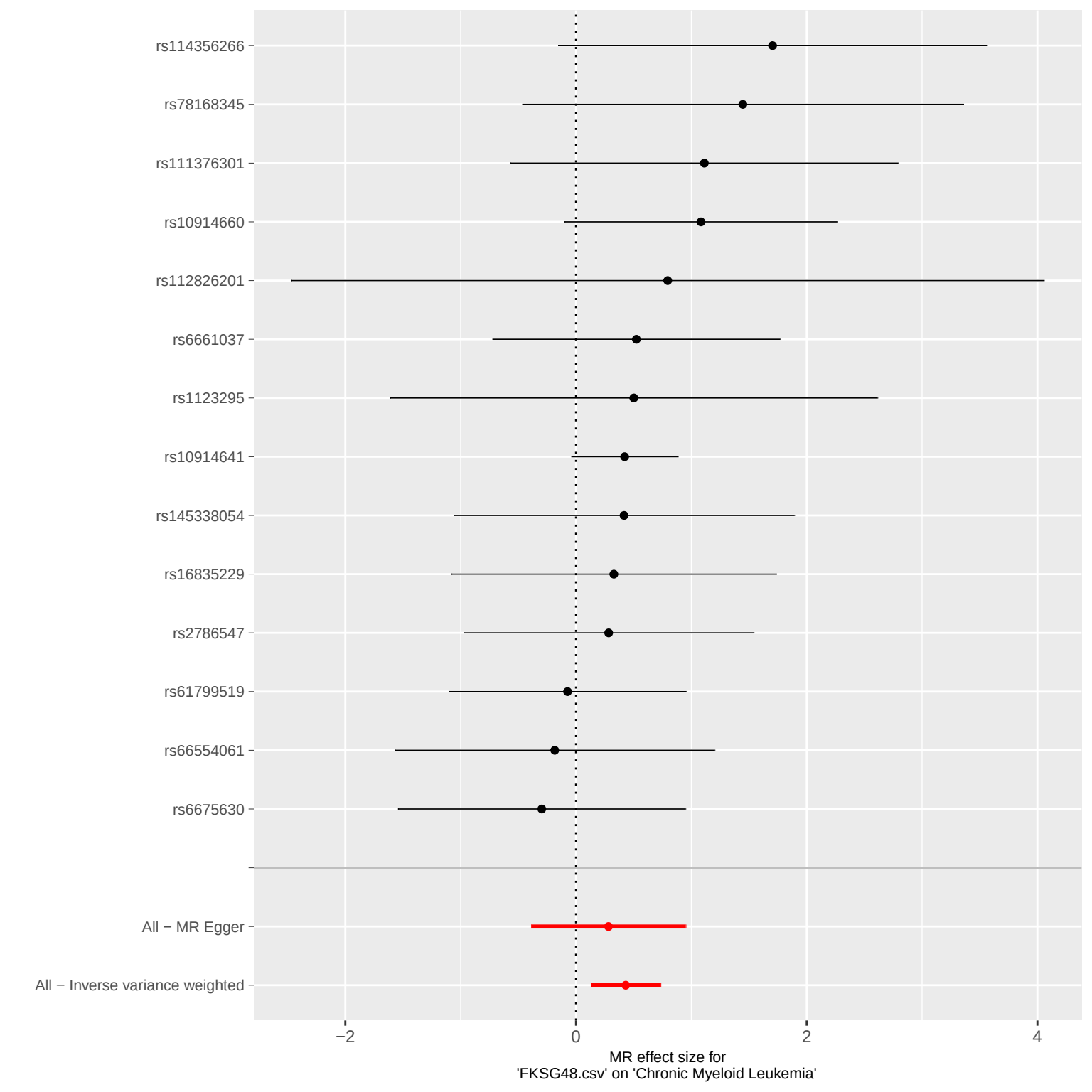
rs73362352
rs10788185
rs151309152
rs3750817
rs7915209
rs80144153
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'FGFR2.csv' on 'Chronic Myeloid Leukemia'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rs2786547
rs61799519
rs66554061
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All − MR Egger
All − Inverse variance weighted
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0
2
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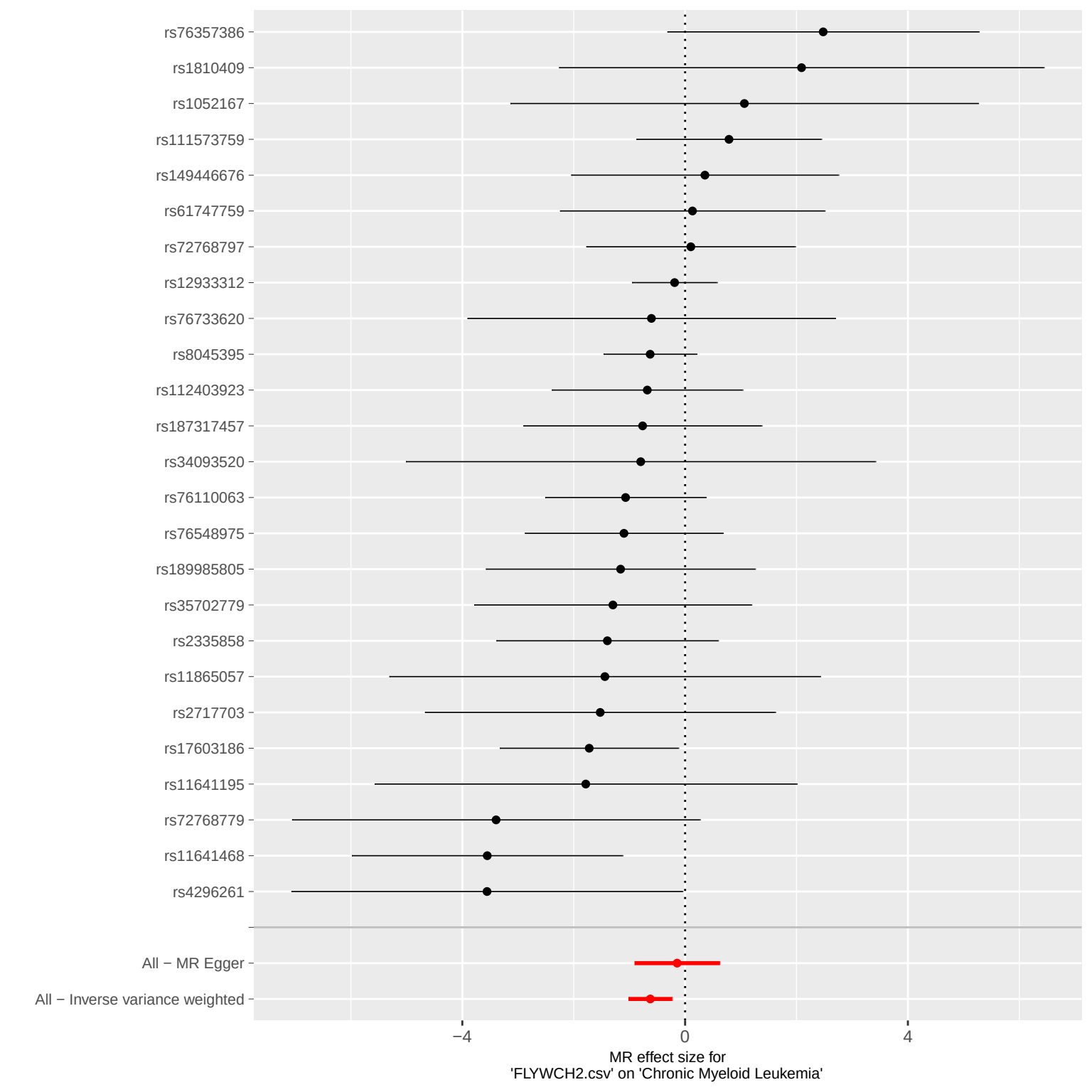
MR effect size for
'FKSG48.csv' on 'Chronic Myeloid Leukemia'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rs112403923
rs187317457
rs34093520
rs76110063
rs76548975
rs189985805
rs35702779
rs2335858
rs11865057
rs2717703
rs17603186
rs11641195
rs72768779
rs11641468
rs4296261
All − MR Egger
All − Inverse variance weighted
−4
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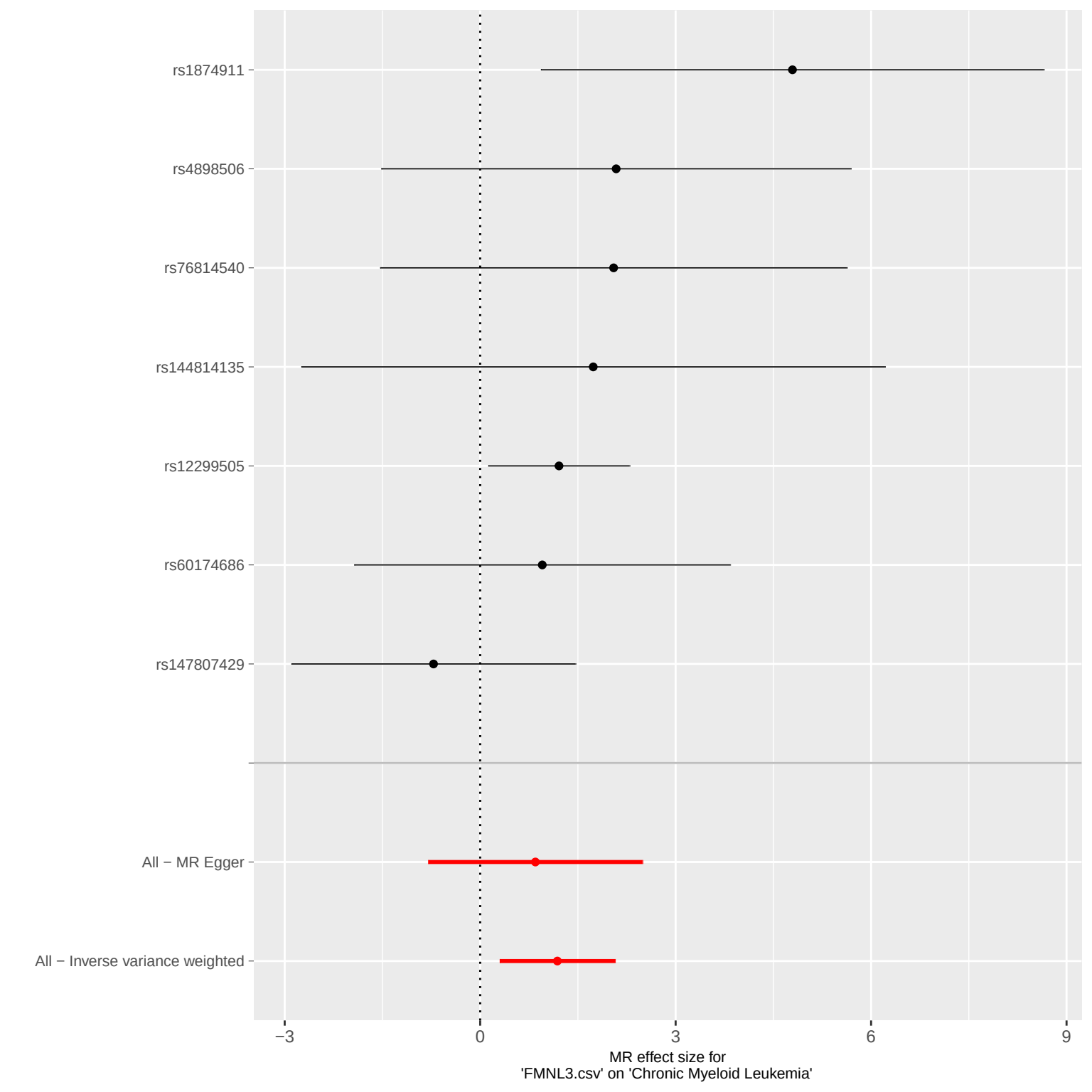
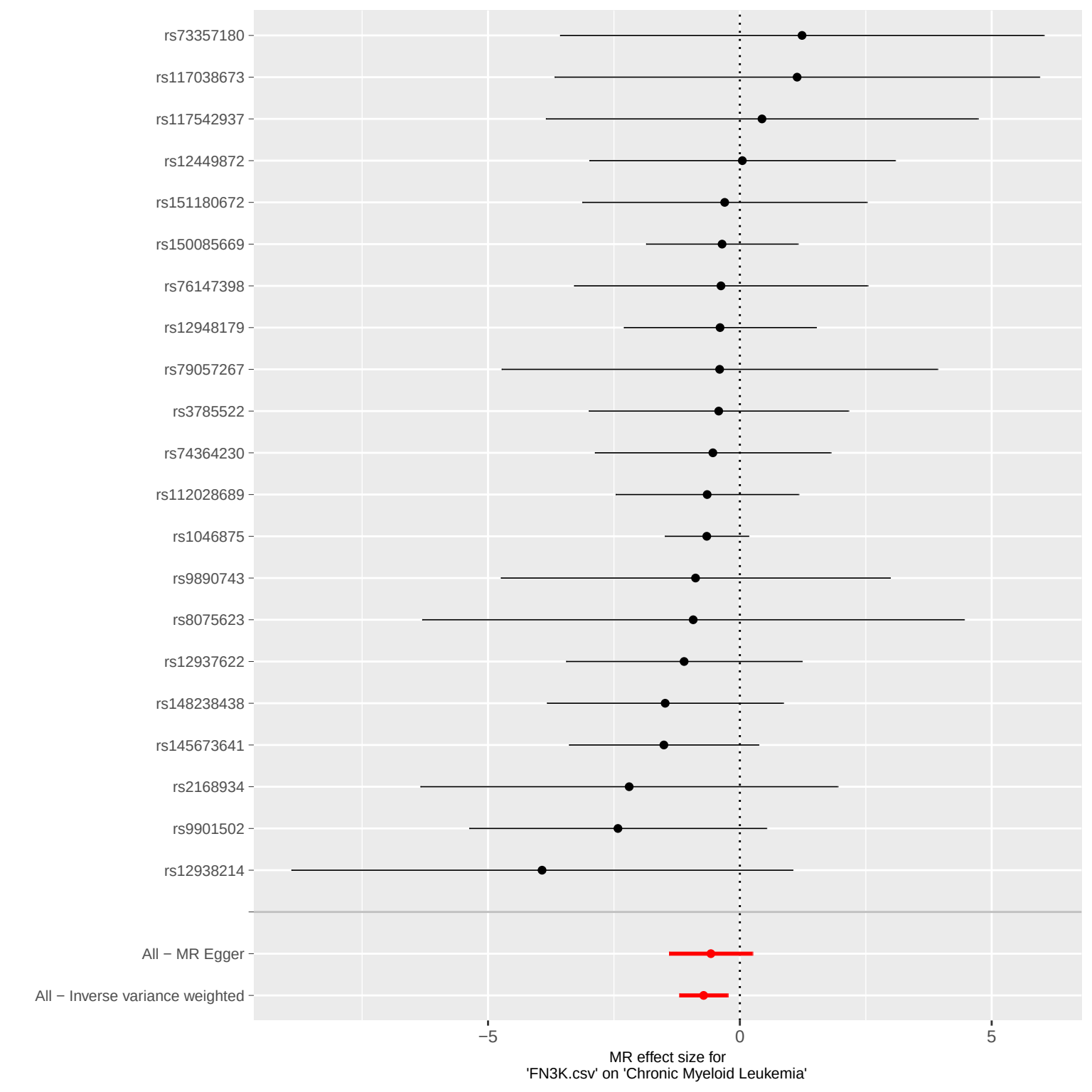
4
MR effect size for
'FLYWCH2.csv' on 'Chronic Myeloid Leukemia'


rs1874911
rs4898506
rs76814540
rs144814135
rs12299505
rs60174686
rs147807429
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
9
MR effect size for
'FMNL3.csv' on 'Chronic Myeloid Leukemia'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rs148238438
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rs2168934
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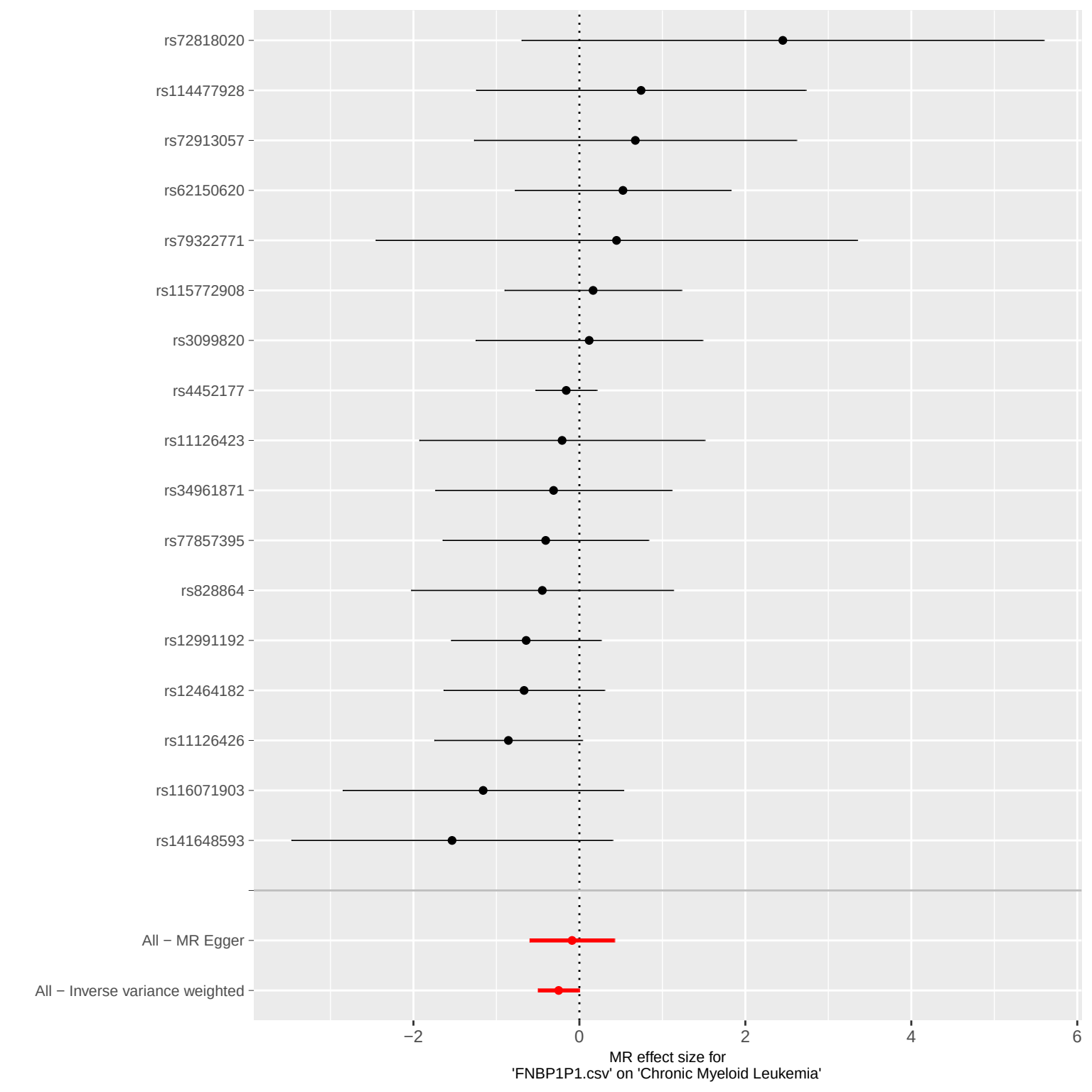
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'FN3K.csv' on 'Chronic Myeloid Leukemia'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rs77857395
rs828864
rs12991192
rs12464182
rs11126426
rs116071903
rs141648593
All − MR Egger
All − Inverse variance weighted
−2
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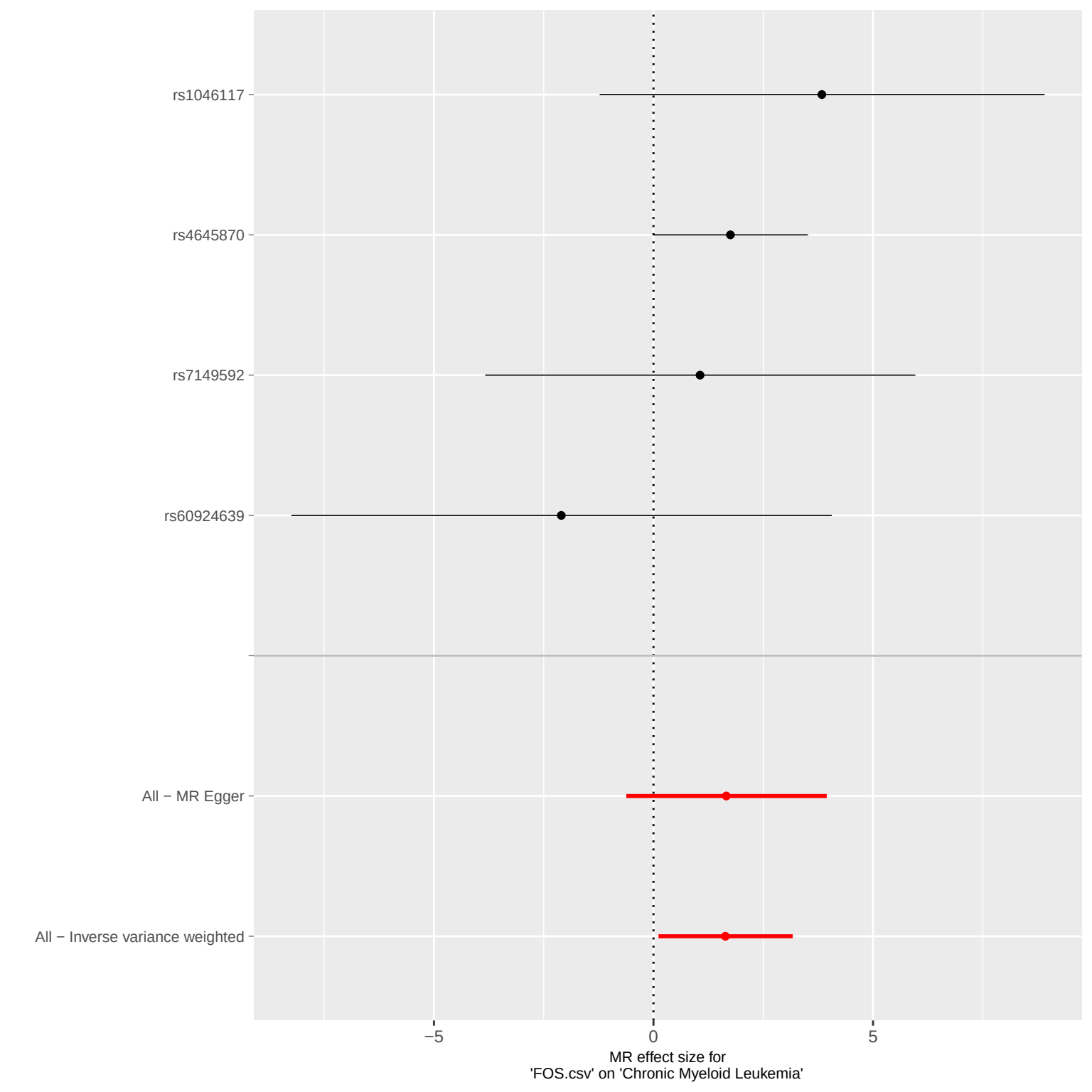
2
4
6
MR effect size for
'FNBP1P1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
−5
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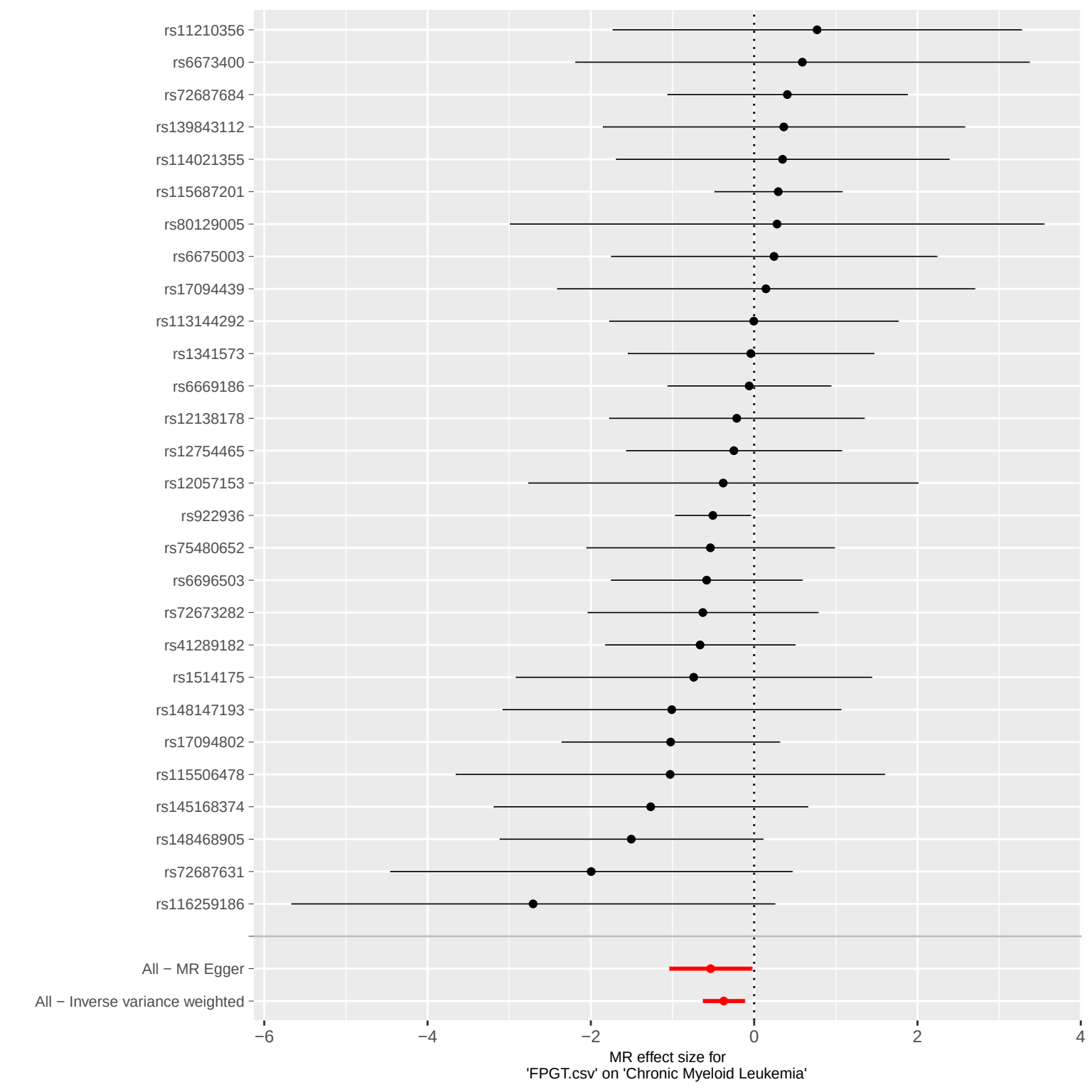
5
MR effect size for
'FOS.csv' on 'Chronic Myeloid Leukemia'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rs922936
rs75480652
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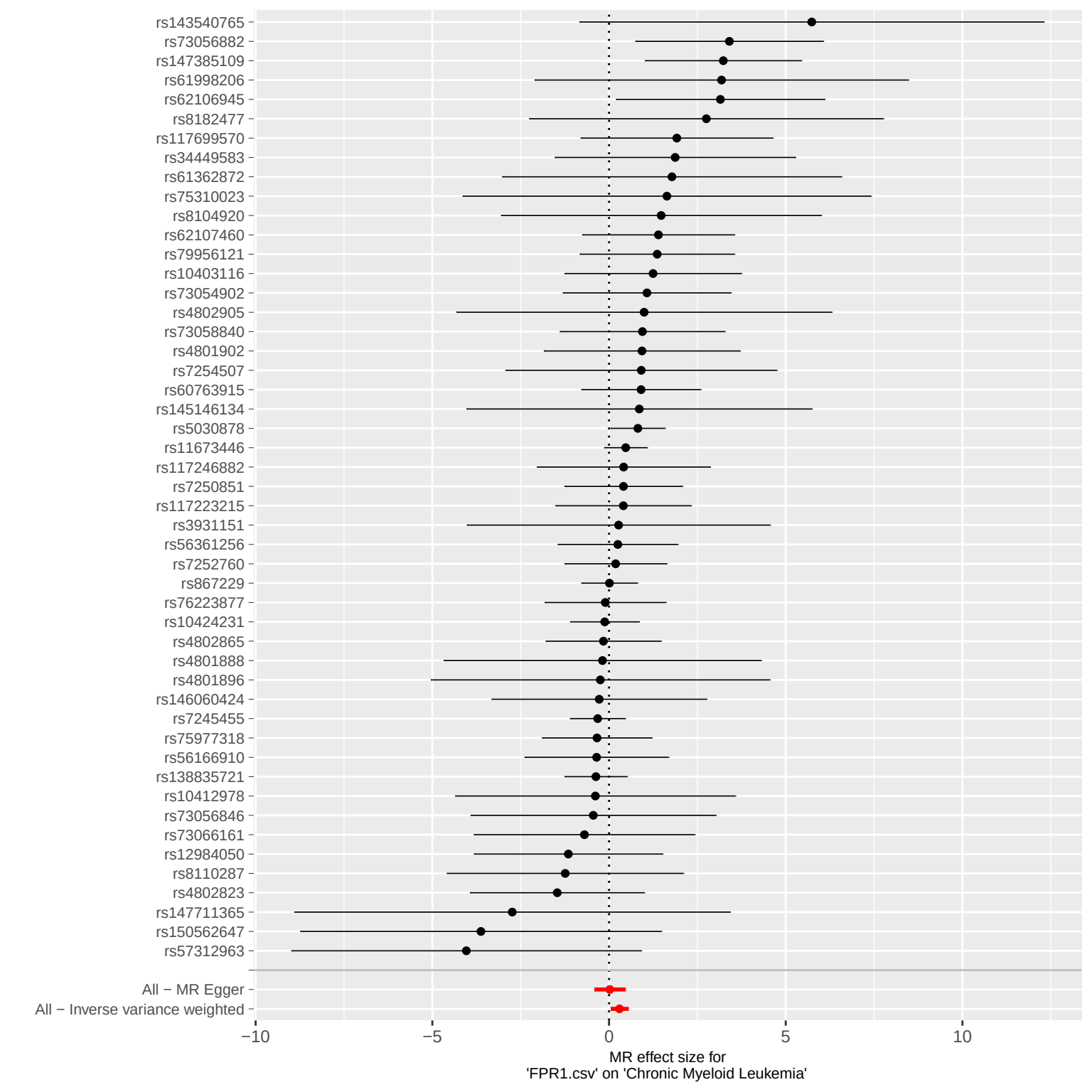
rs72673282
rs41289182
rs1514175
rs148147193
rs17094802
rs115506478
rs145168374
rs148468905
rs72687631
rs116259186
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'FPGT.csv' on 'Chronic Myeloid Leukemia'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rs79956121
rs10403116
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rs60763915
rs145146134
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rs11673446
rs117246882
rs7250851
rs117223215
rs3931151
rs56361256
rs7252760
rs867229
rs76223877
rs10424231
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rs8110287
rs4802823
rs147711365
rs150562647
rs57312963
All − MR Egger
All − Inverse variance weighted
−10
−5
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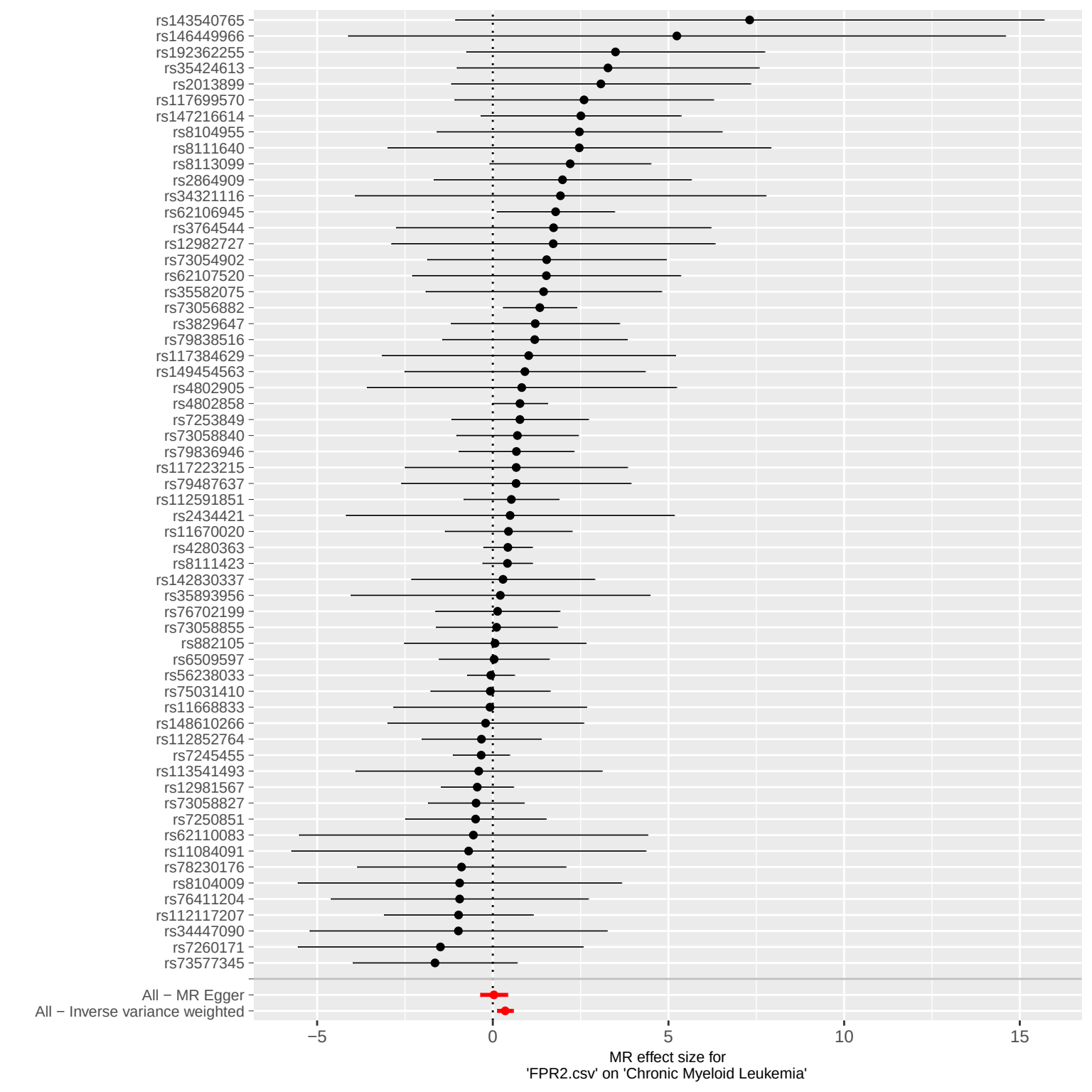
5
10
MR effect size for
'FPR1.csv' on 'Chronic Myeloid Leukemia'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rs75031410
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rs7250851
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rs11084091
rs78230176
rs8104009
rs76411204
rs112117207
rs34447090
rs7260171
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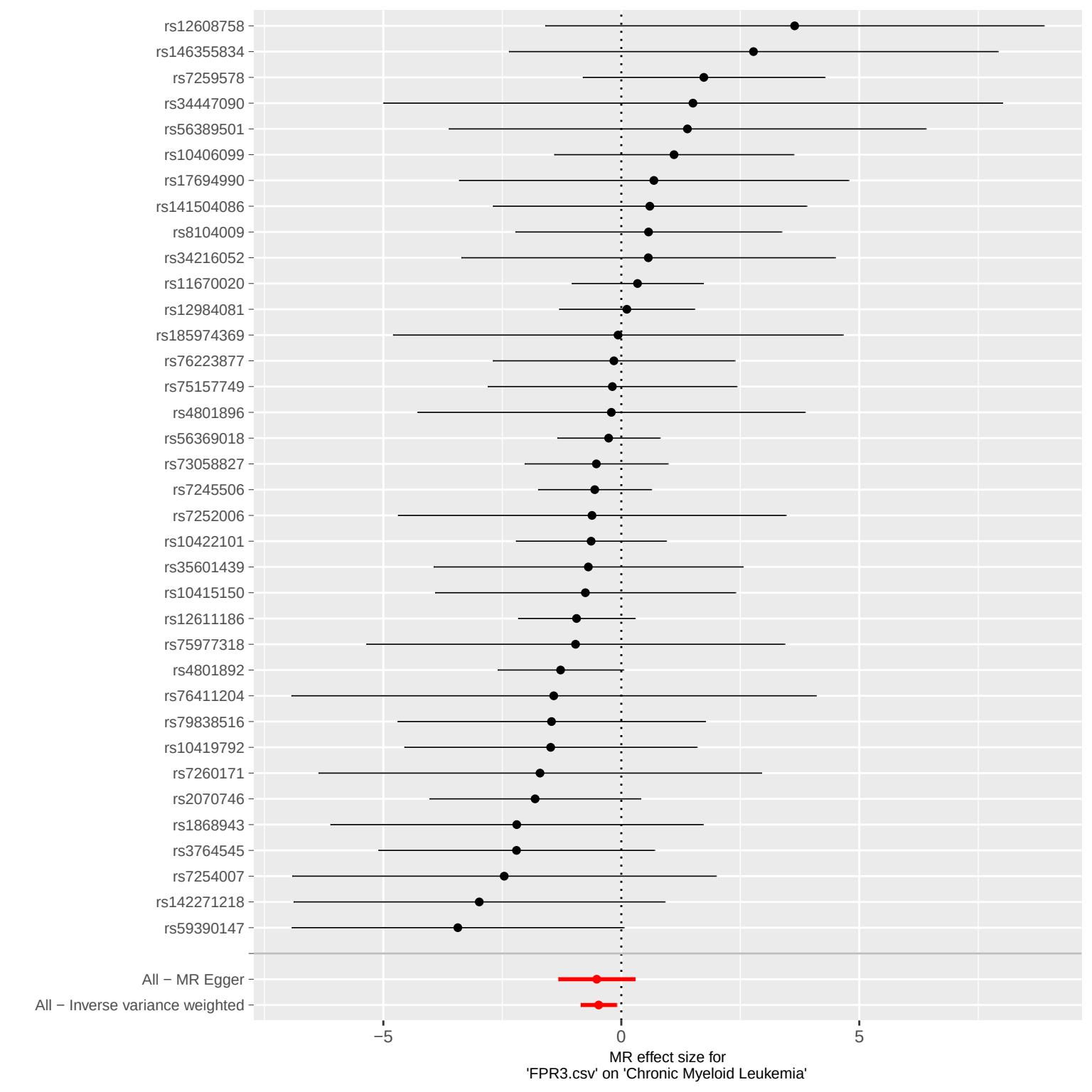
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'FPR2.csv' on 'Chronic Myeloid Leukemia'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rs12984081
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rs76223877
rs75157749
rs4801896
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rs7252006
rs10422101
rs35601439
rs10415150
rs12611186
rs75977318
rs4801892
rs76411204
rs79838516
rs10419792
rs7260171
rs2070746
rs1868943
rs3764545
rs7254007
rs142271218
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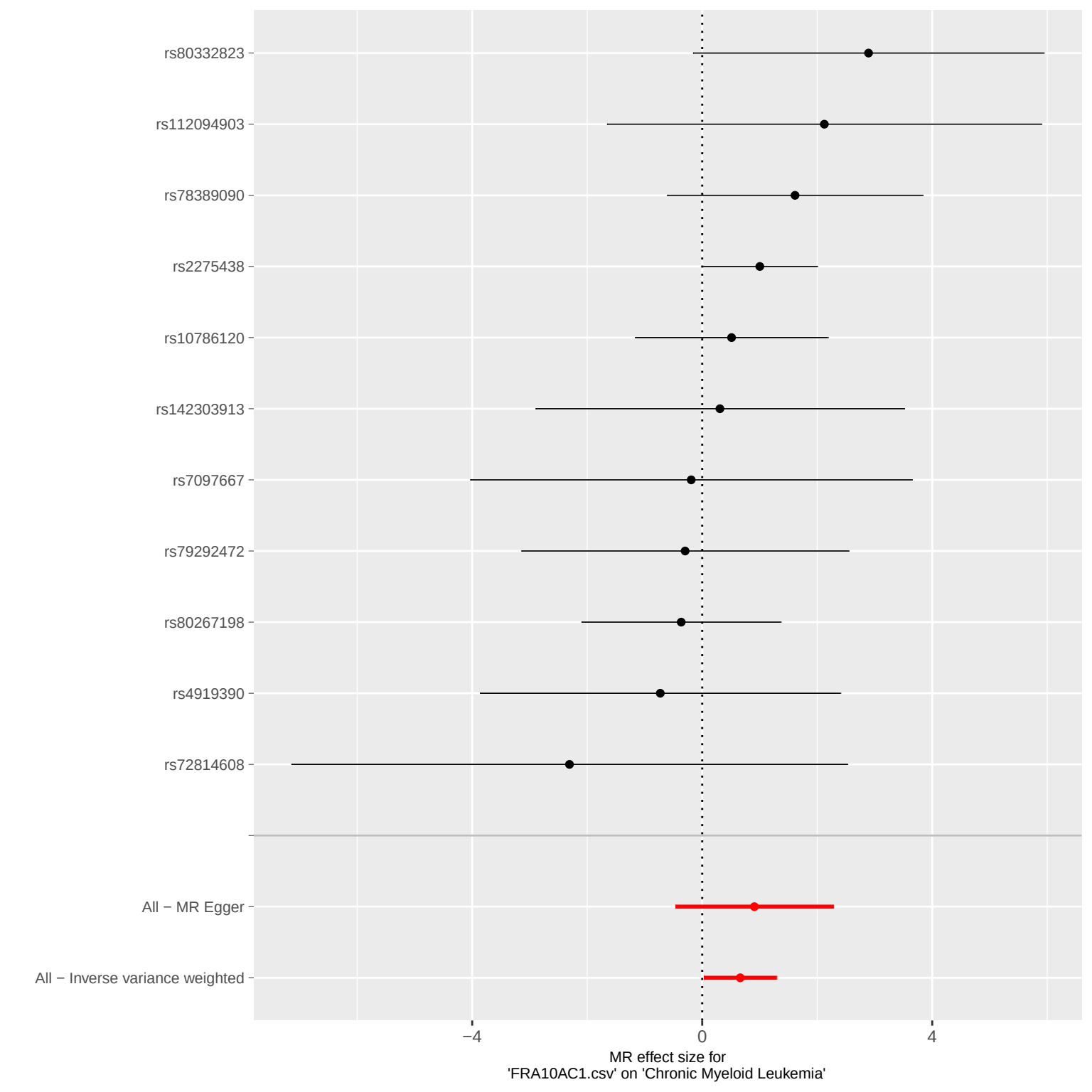
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'FPR3.csv' on 'Chronic Myeloid Leukemia'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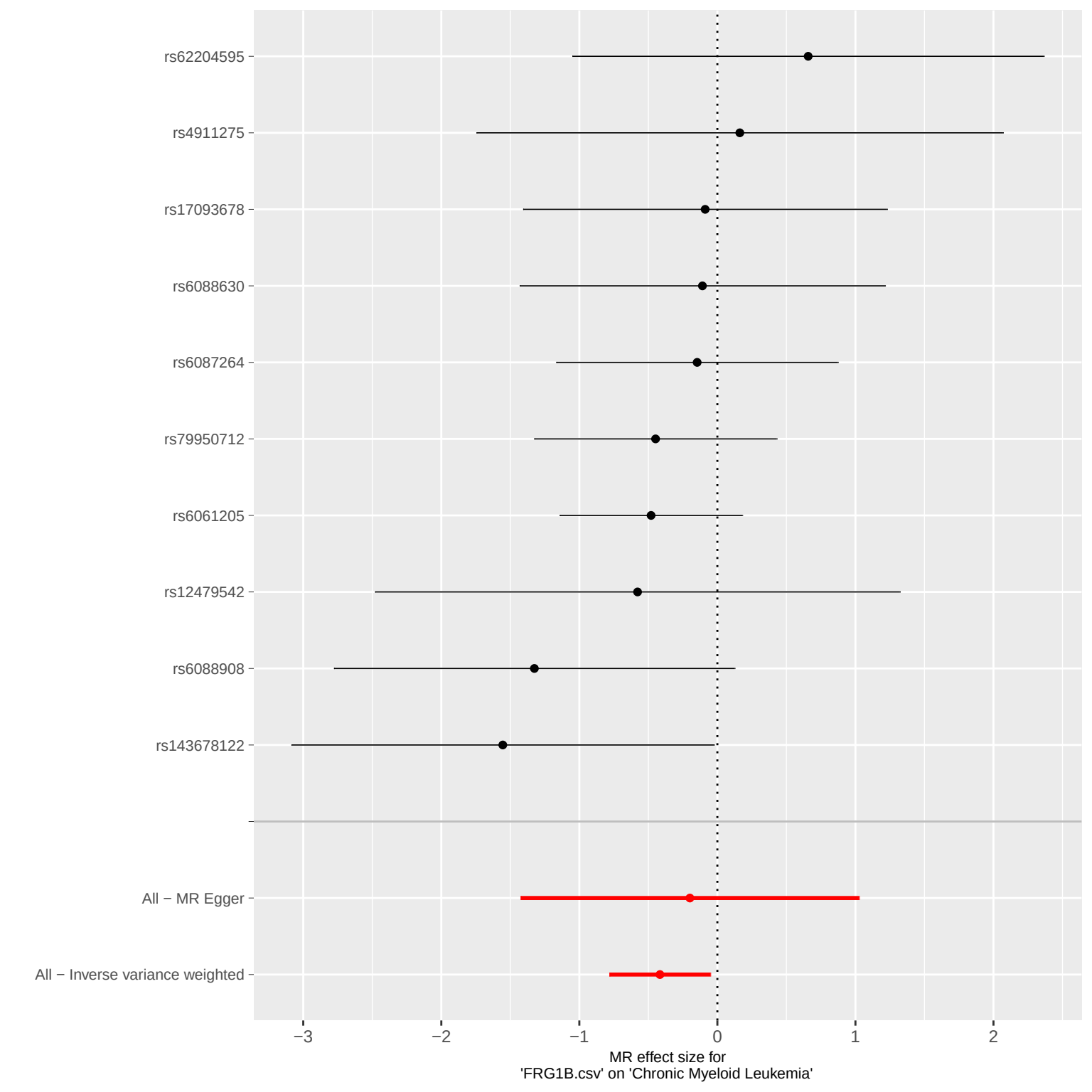
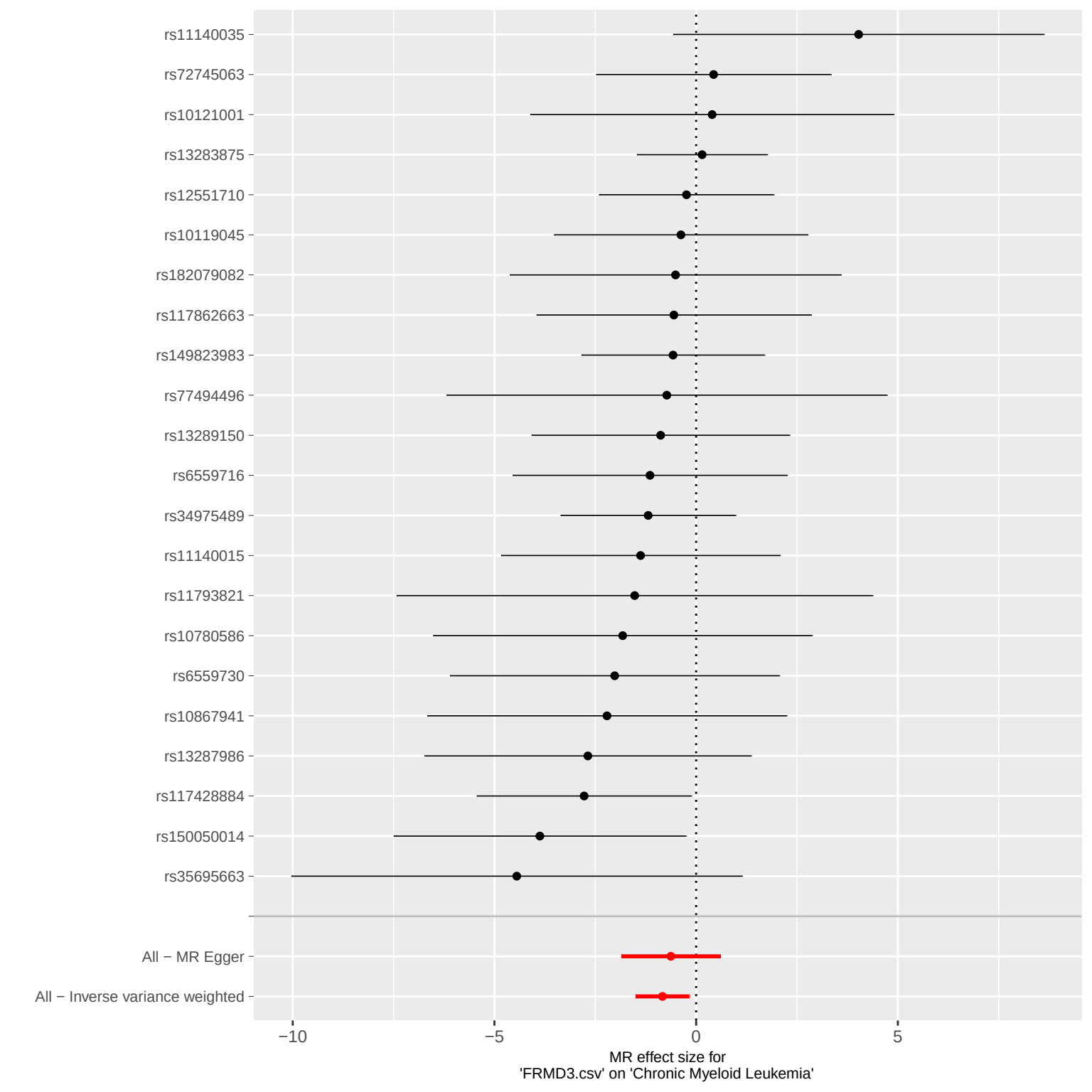
rs10786120
rs142303913
rs7097667
rs79292472
rs80267198
rs4919390
rs72814608
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'FRA10AC1.csv' on 'Chronic Myeloid Leukemia'


rs62204595
rs4911275
rs17093678
rs6088630
rs6087264
rs79950712
rs6061205
rs12479542
rs6088908
rs143678122
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'FRG1B.csv' on 'Chronic Myeloid Leukemia'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rs149823983
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rs11793821
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rs6559730
rs10867941
rs13287986
rs117428884
rs150050014
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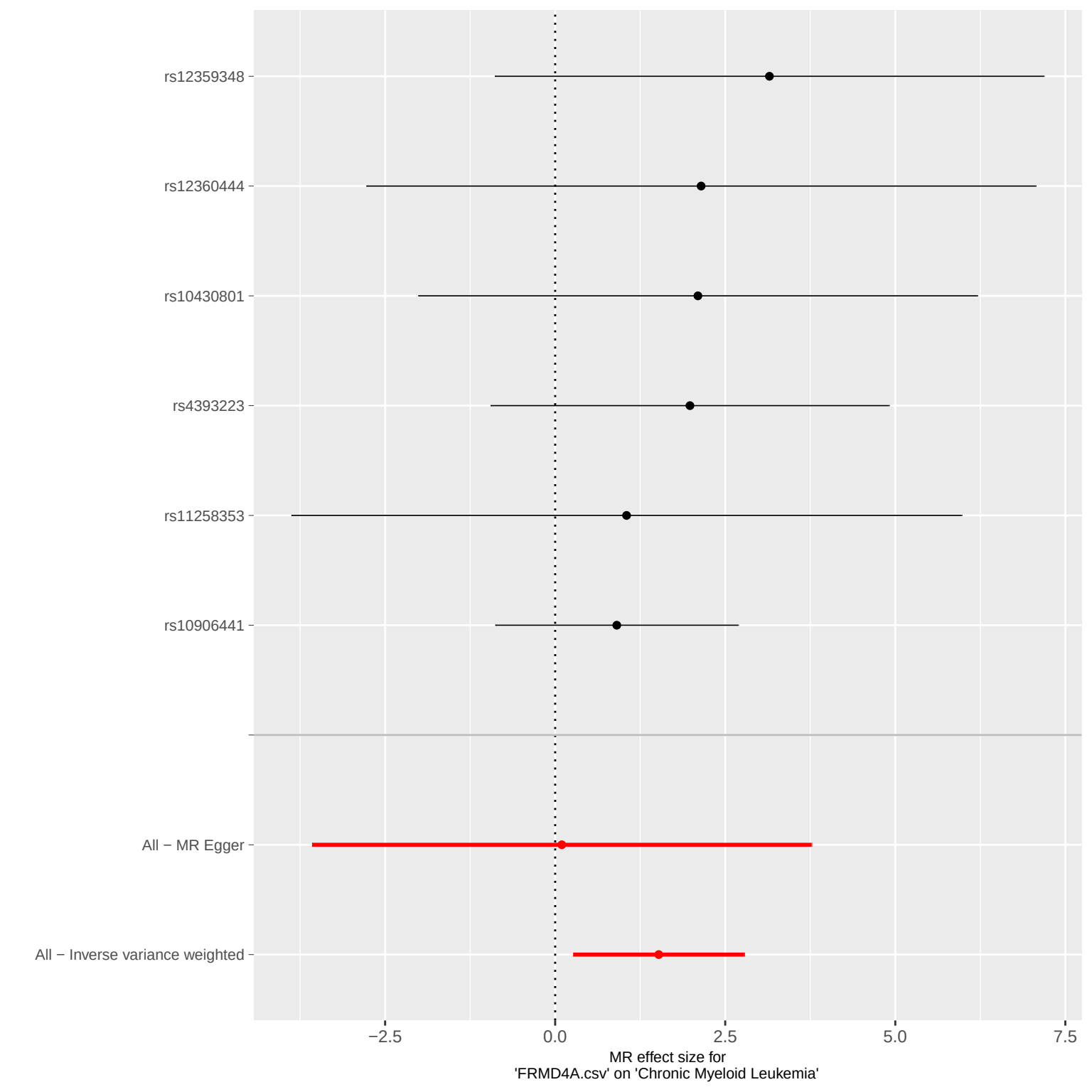
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FRMD3.csv' on 'Chronic Myeloid Leukemia'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rs12360444
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rs11258353
rs10906441
All − MR Egger
All − Inverse variance weighted
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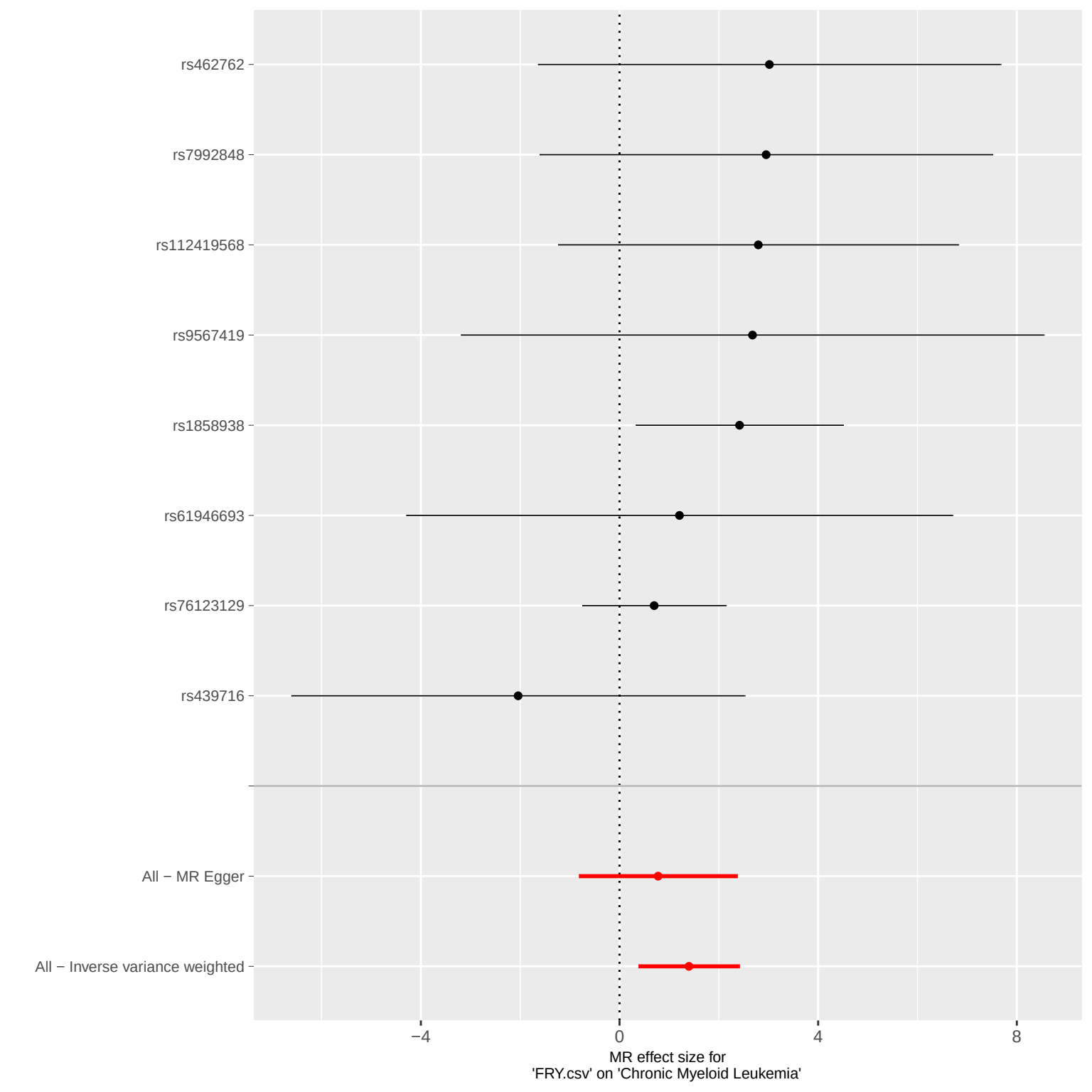
0.0
2.5
5.0
7.5
MR effect size for
'FRMD4A.csv' on 'Chronic Myeloid Leukemia'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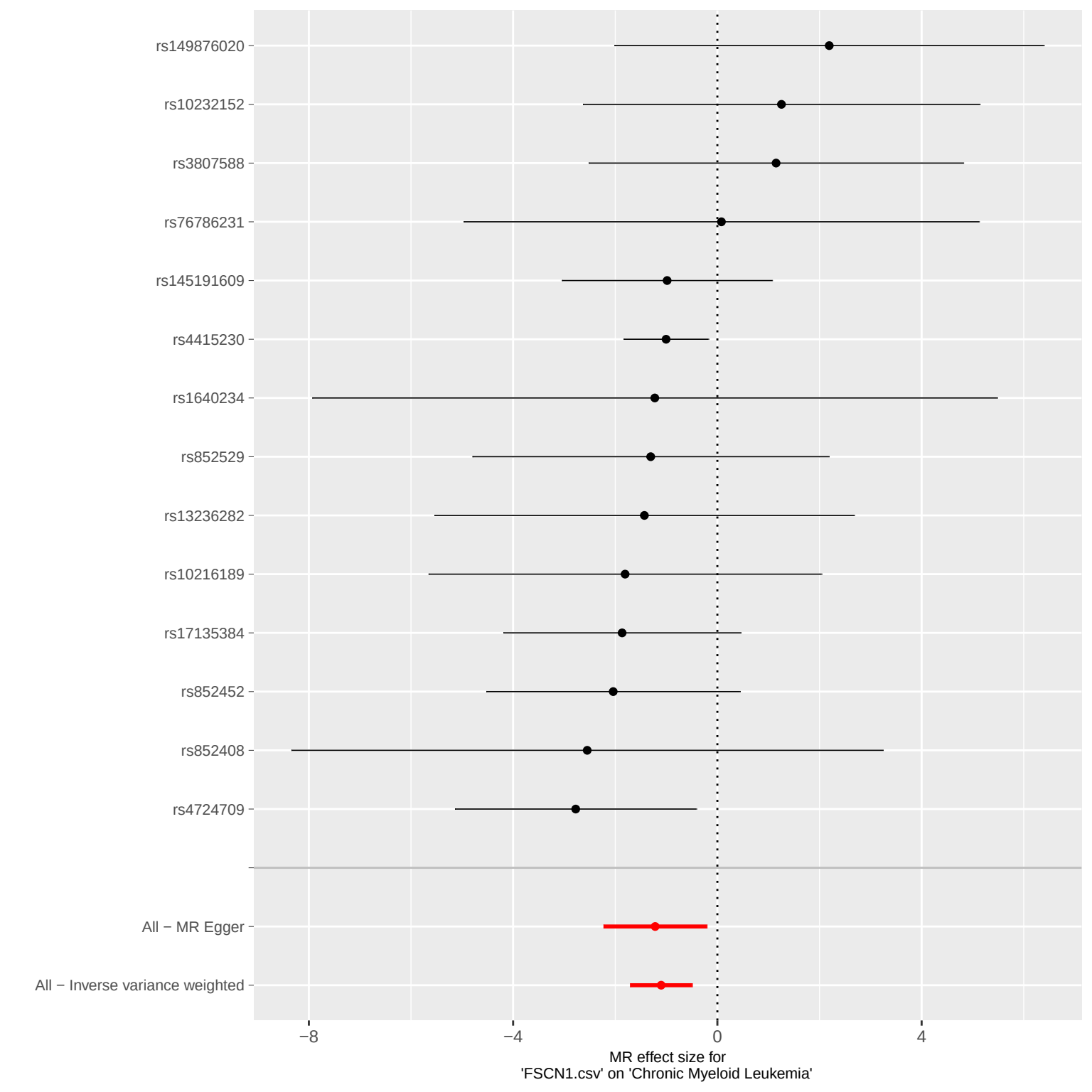
rs9567419
rs1858938
rs61946693
rs76123129
rs439716
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'FRY.csv' on 'Chronic Myeloid Leukemia'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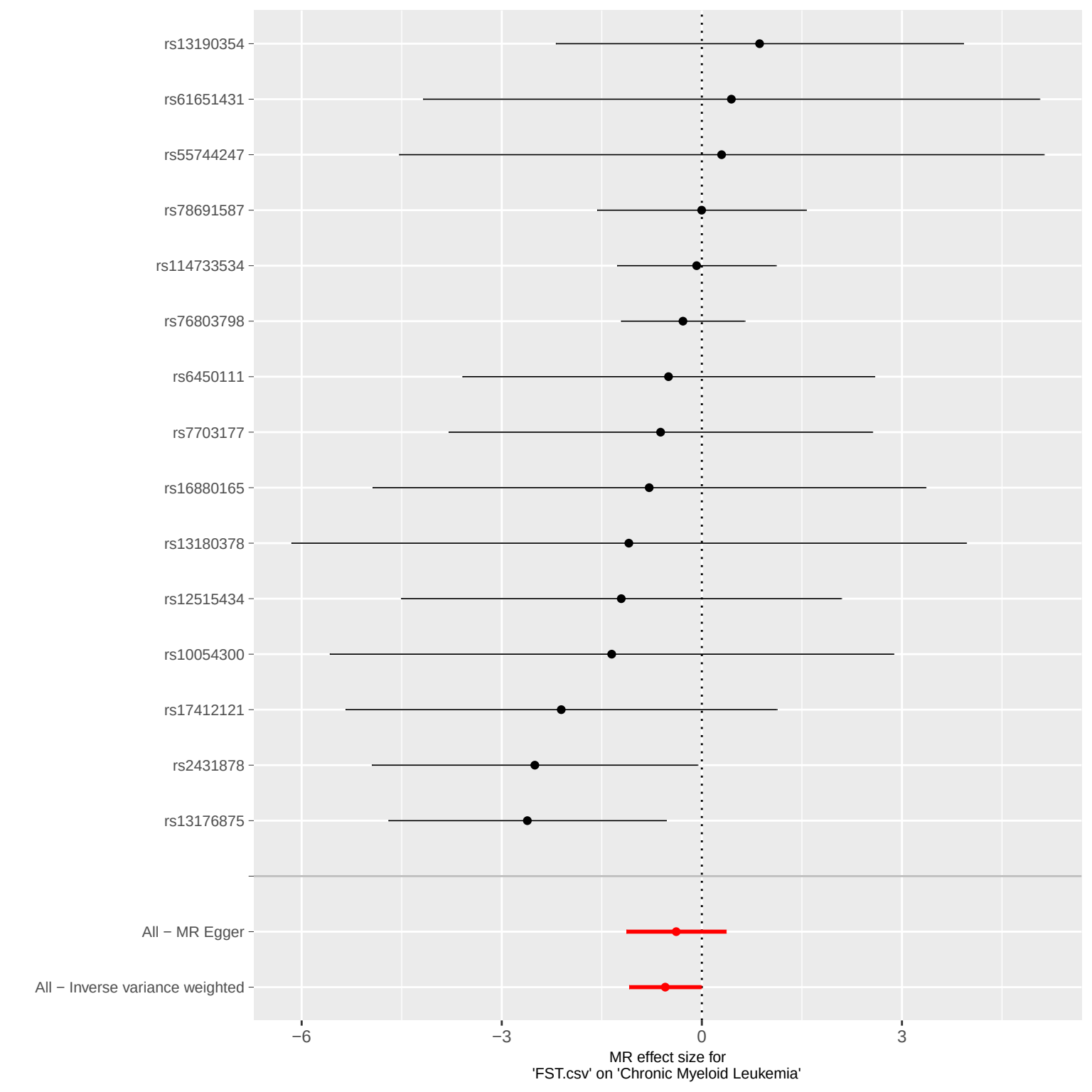
rs4415230
rs1640234
rs852529
rs13236282
rs10216189
rs17135384
rs852452
rs852408
rs4724709
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'FSCN1.csv' on 'Chronic Myeloid Leukemia'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rs6450111
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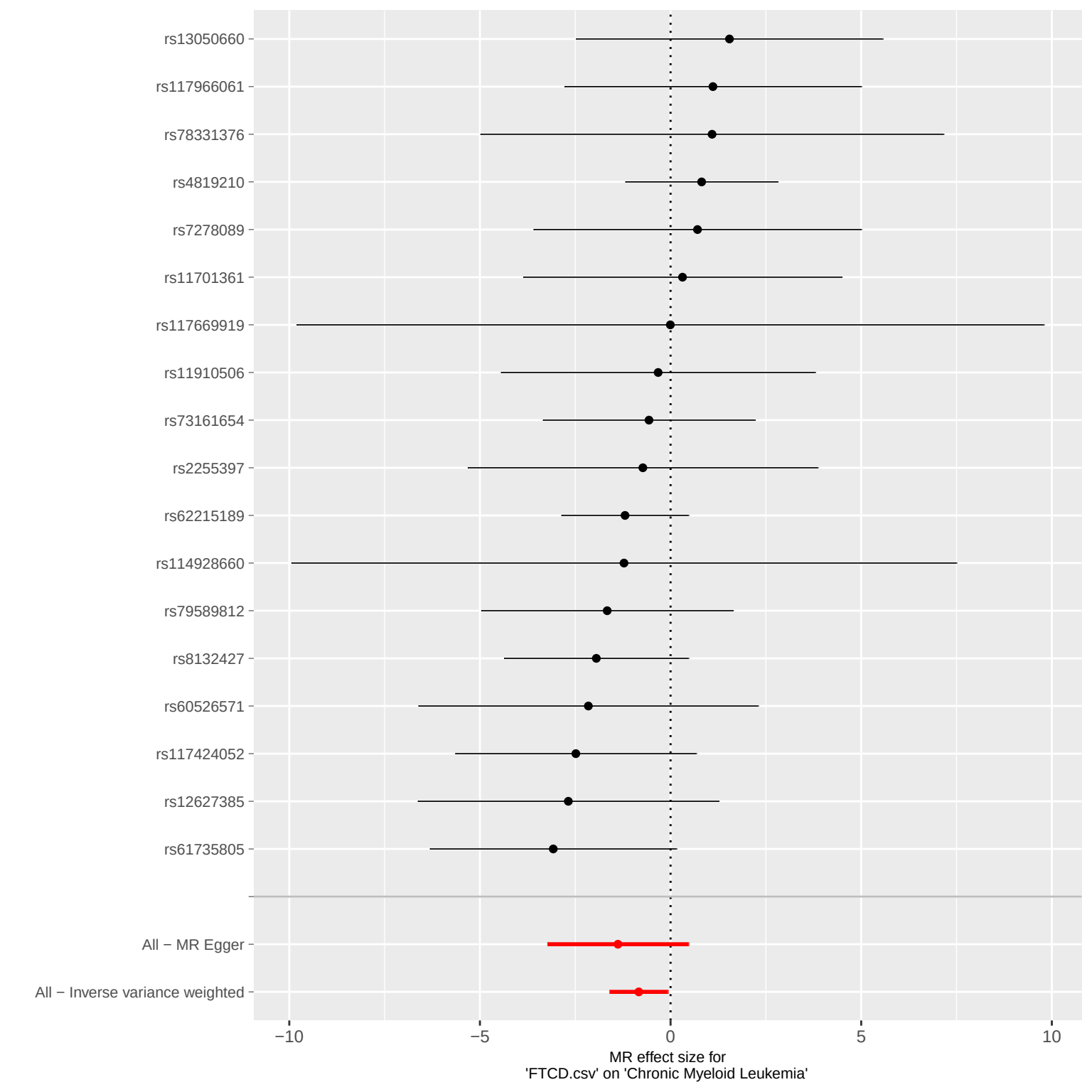
rs16880165
rs13180378
rs12515434
rs10054300
rs17412121
rs2431878
rs13176875
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'FST.csv' on 'Chronic Myeloid Leukemia'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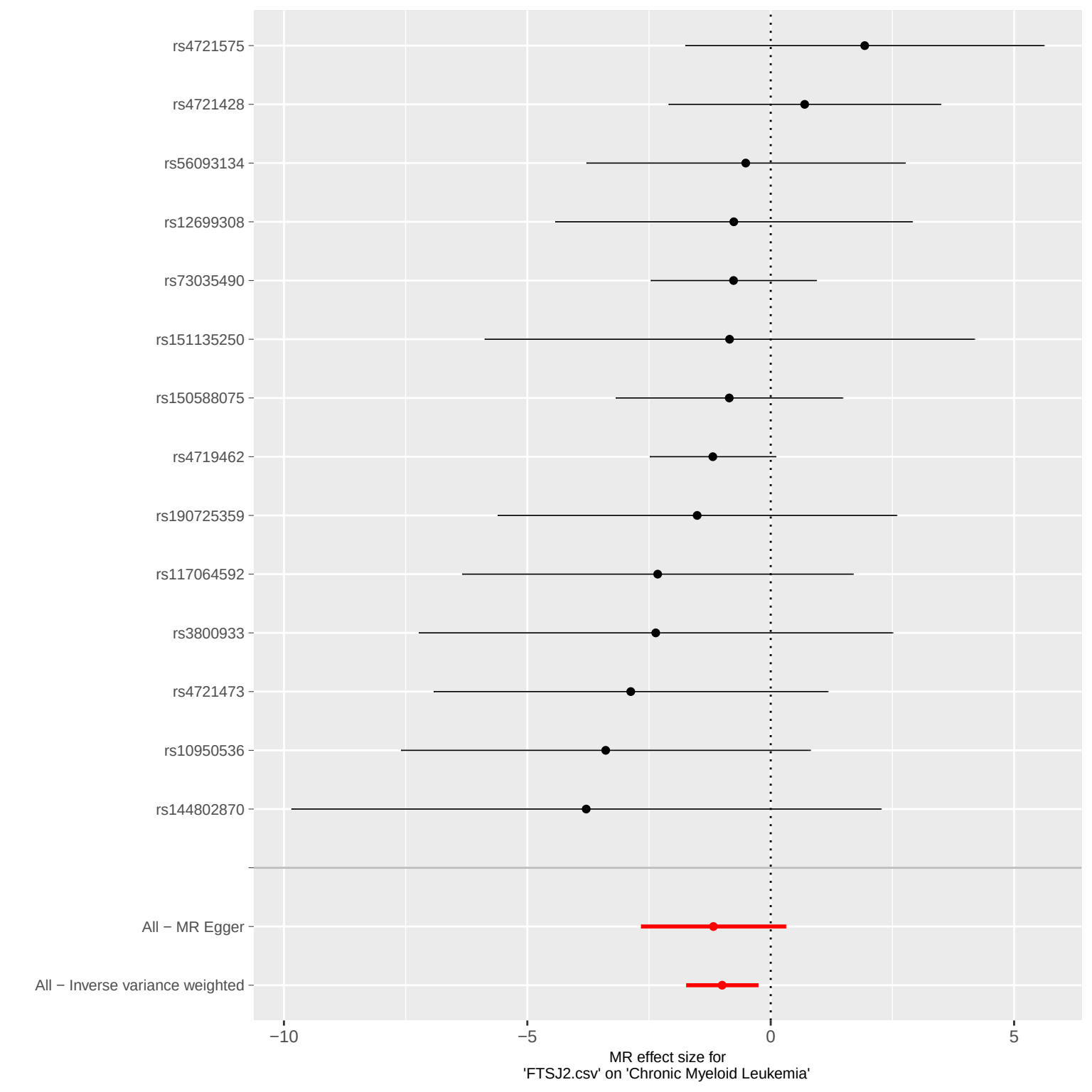
rs114928660
rs79589812
rs8132427
rs60526571
rs117424052
rs12627385
rs61735805
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'FTCD.csv' on 'Chronic Myeloid Leukemia'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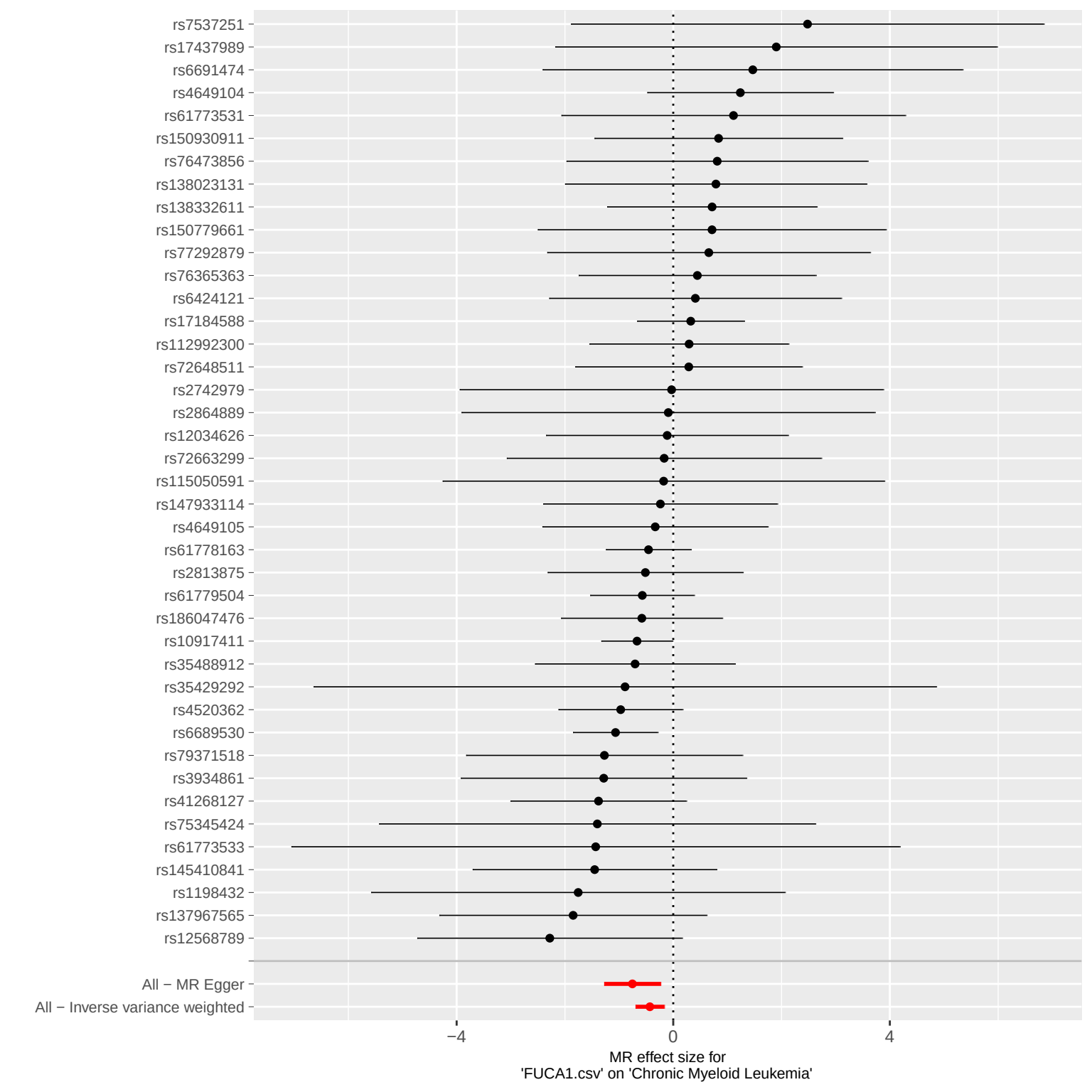
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FTSJ2.csv' on 'Chronic Myeloid Leukemia'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rs4520362
rs6689530
rs79371518
rs3934861
rs41268127
rs75345424
rs61773533
rs145410841
rs1198432
rs137967565
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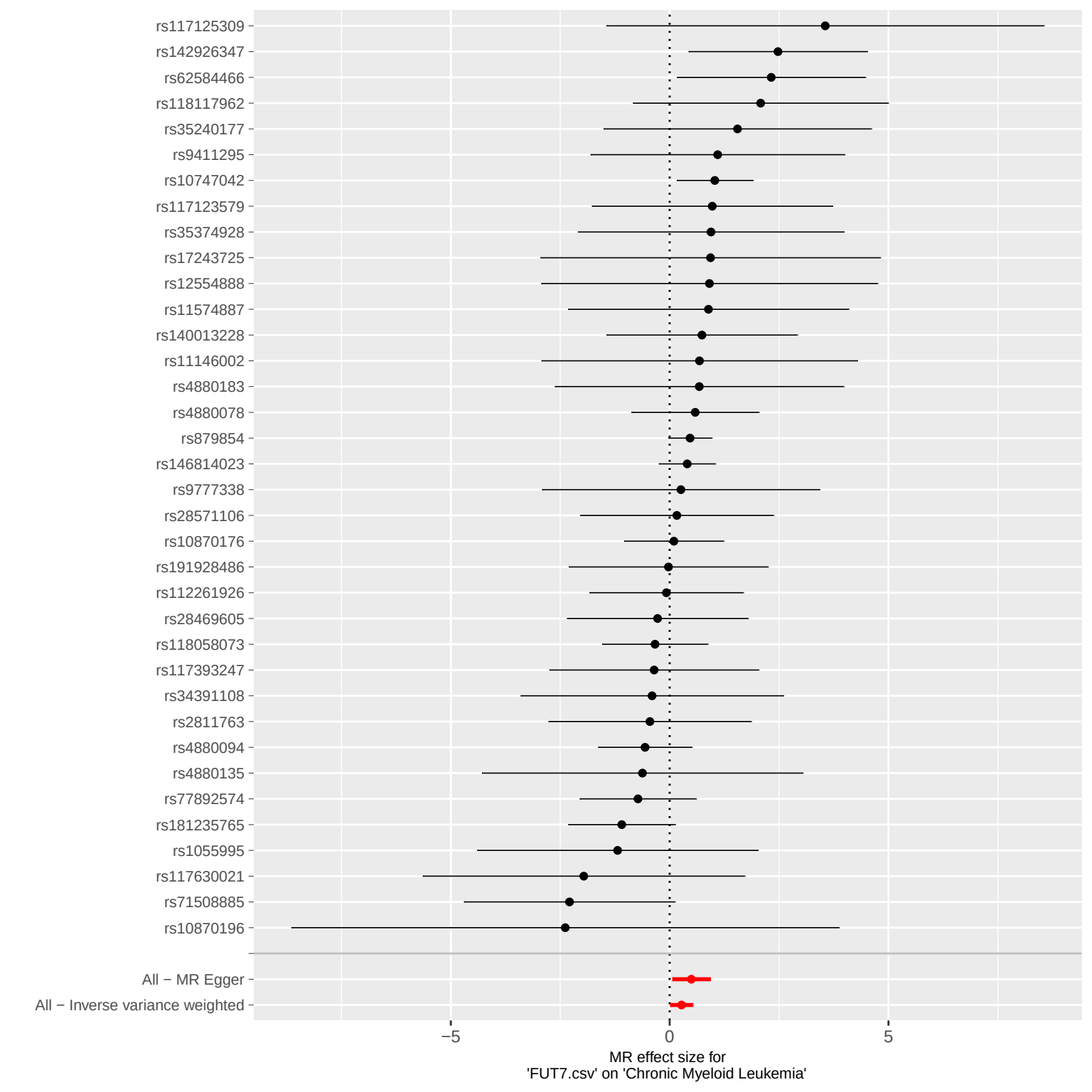
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'FUCA1.csv' on 'Chronic Myeloid Leukemia'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rs4880135
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rs181235765
rs1055995
rs117630021
rs71508885
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All − MR Egger
All − Inverse variance weighted
−5
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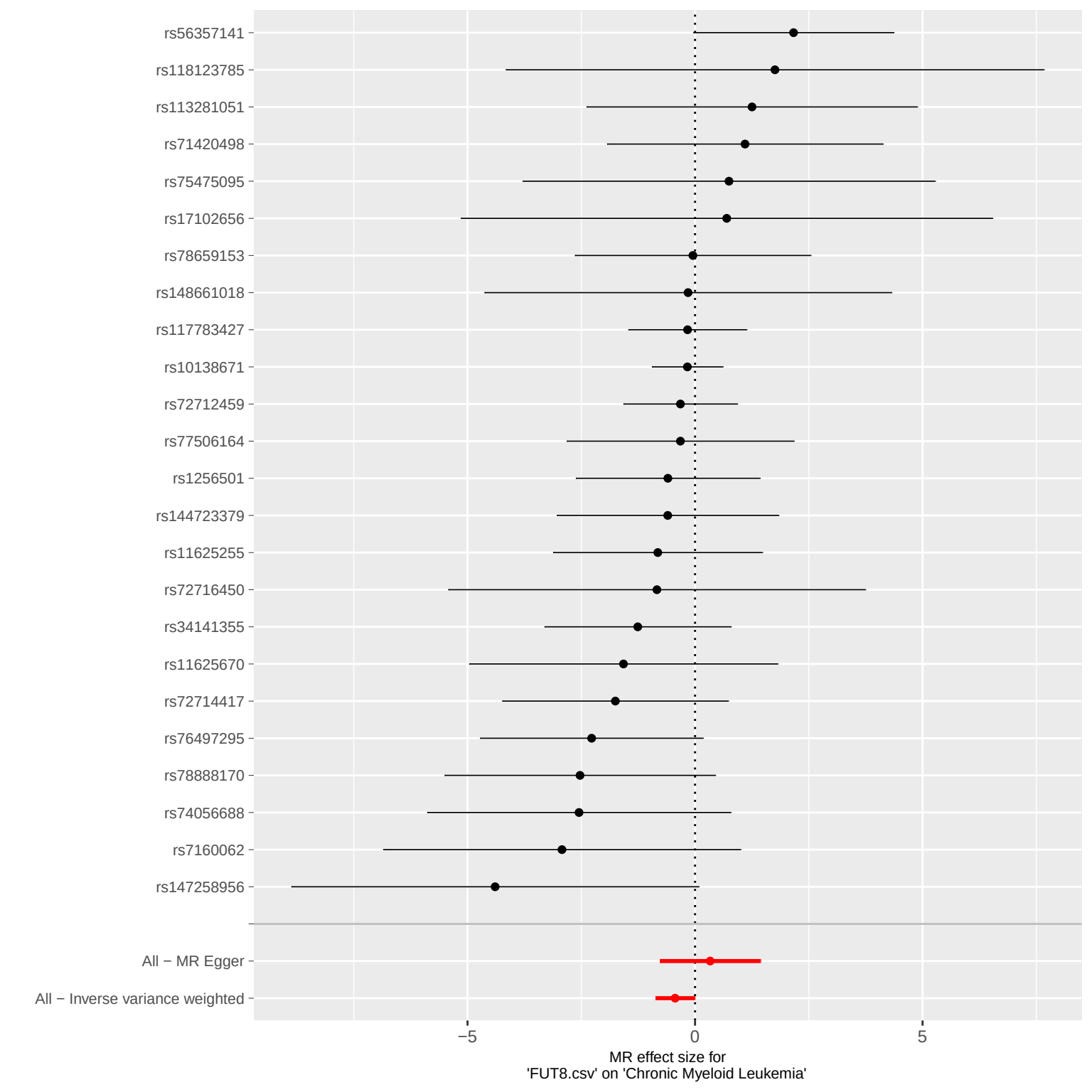
5
MR effect size for
'FUT7.csv' on 'Chronic Myeloid Leukemia'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rs76497295
rs78888170
rs74056688
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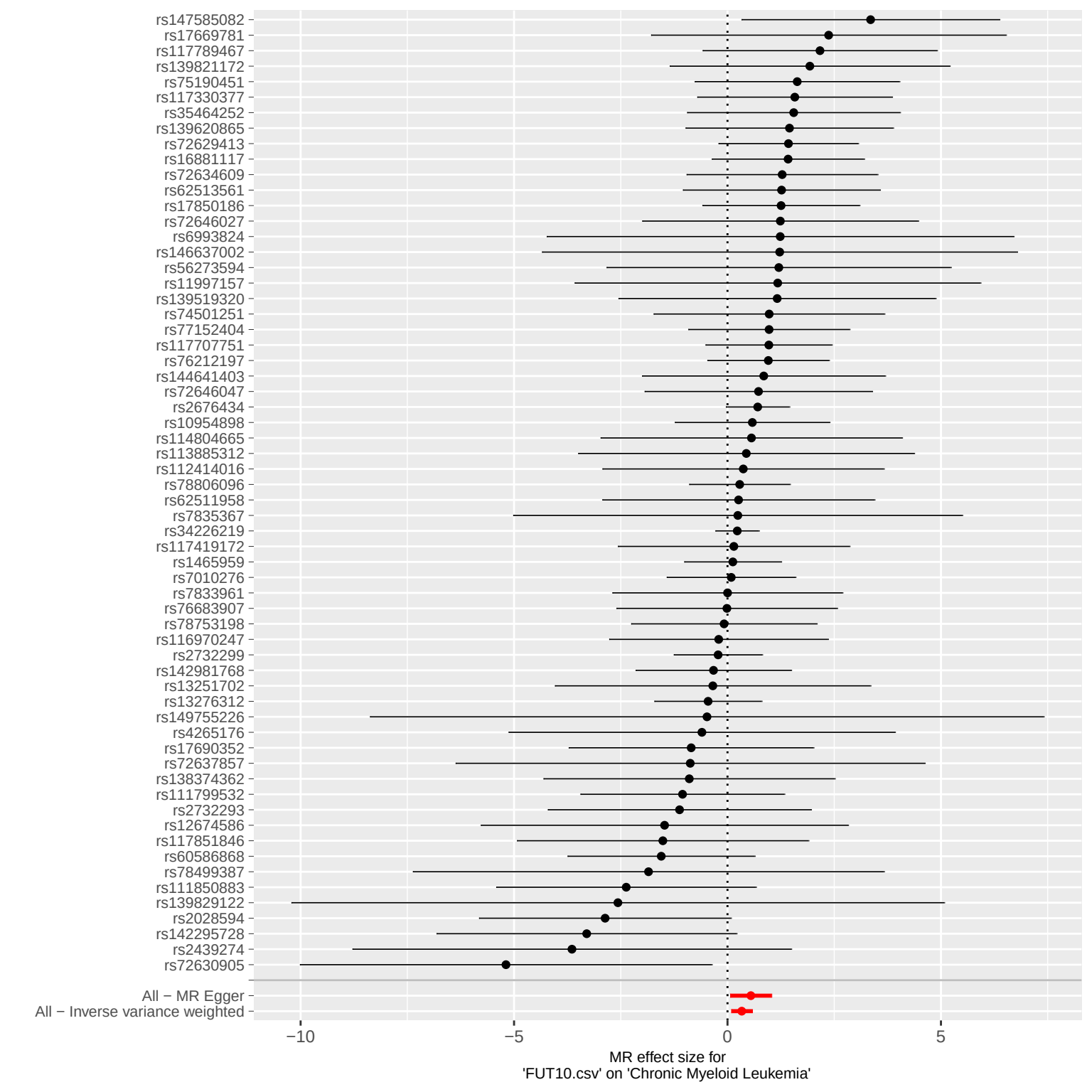
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'FUT8.csv' on 'Chronic Myeloid Leukemia'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rs2028594
rs142295728
rs2439274
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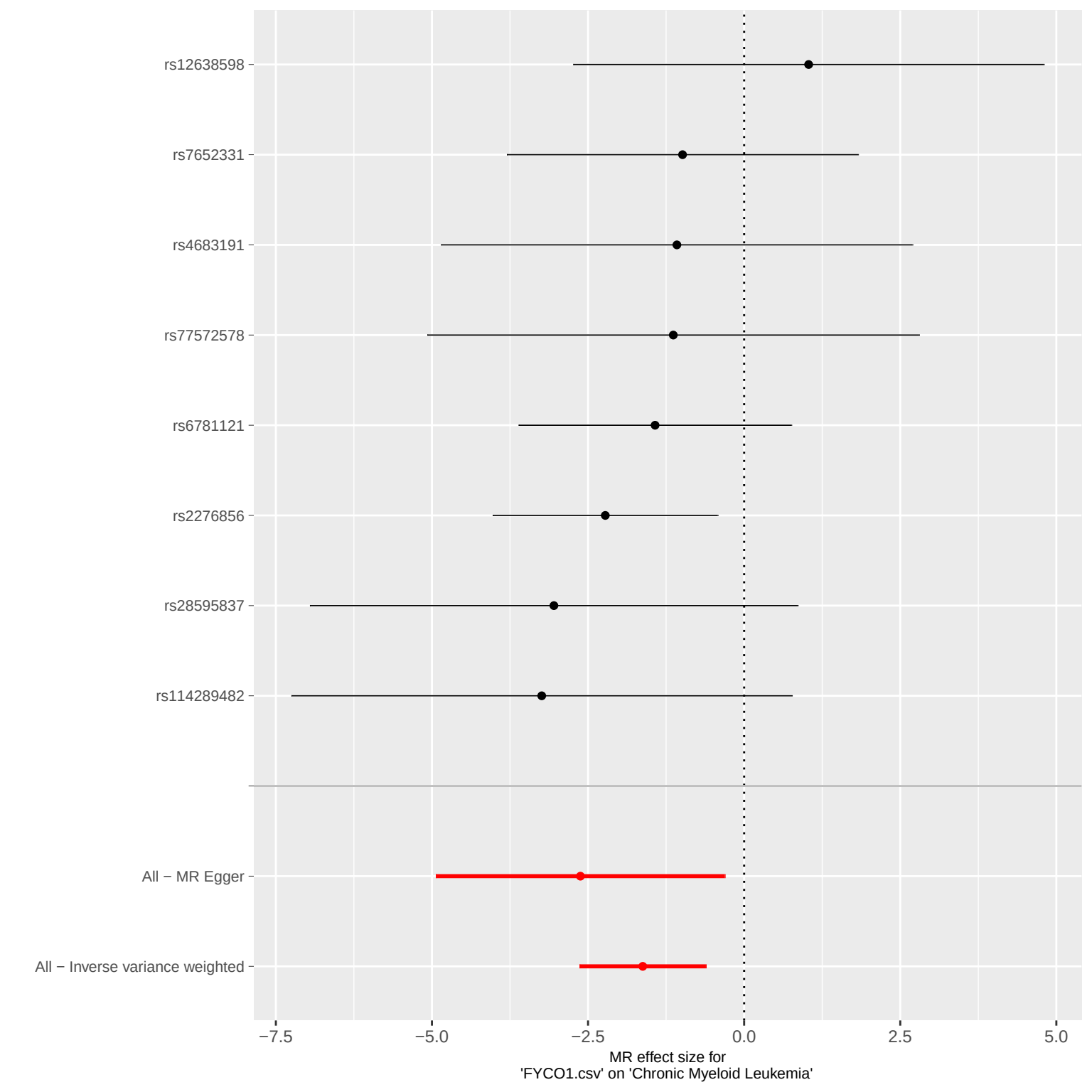
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FUT10.csv' on 'Chronic Myeloid Leukemia'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rs6781121
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All − MR Egger
All − Inverse variance weighted
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2.5
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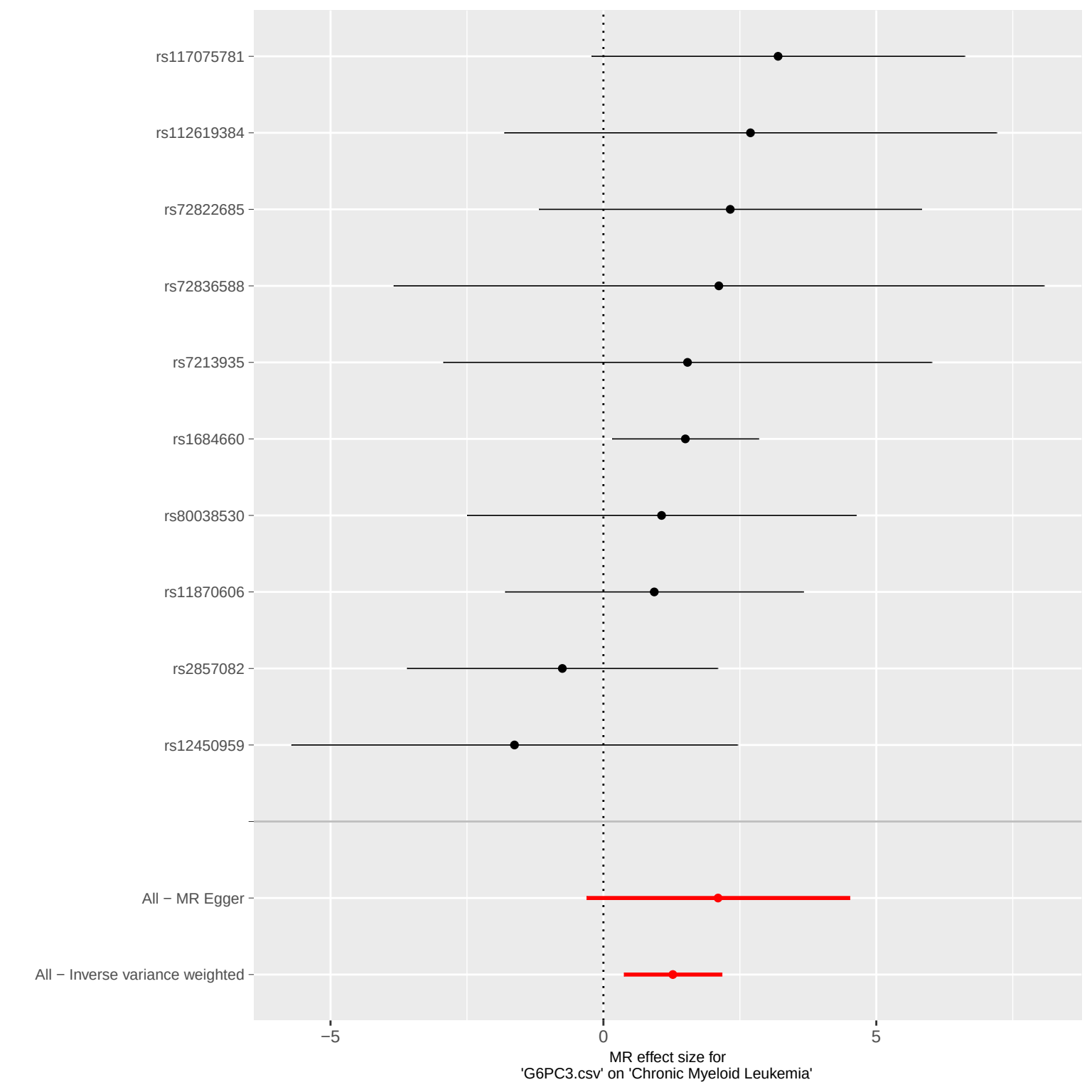
MR effect size for
'FYCO1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
−5
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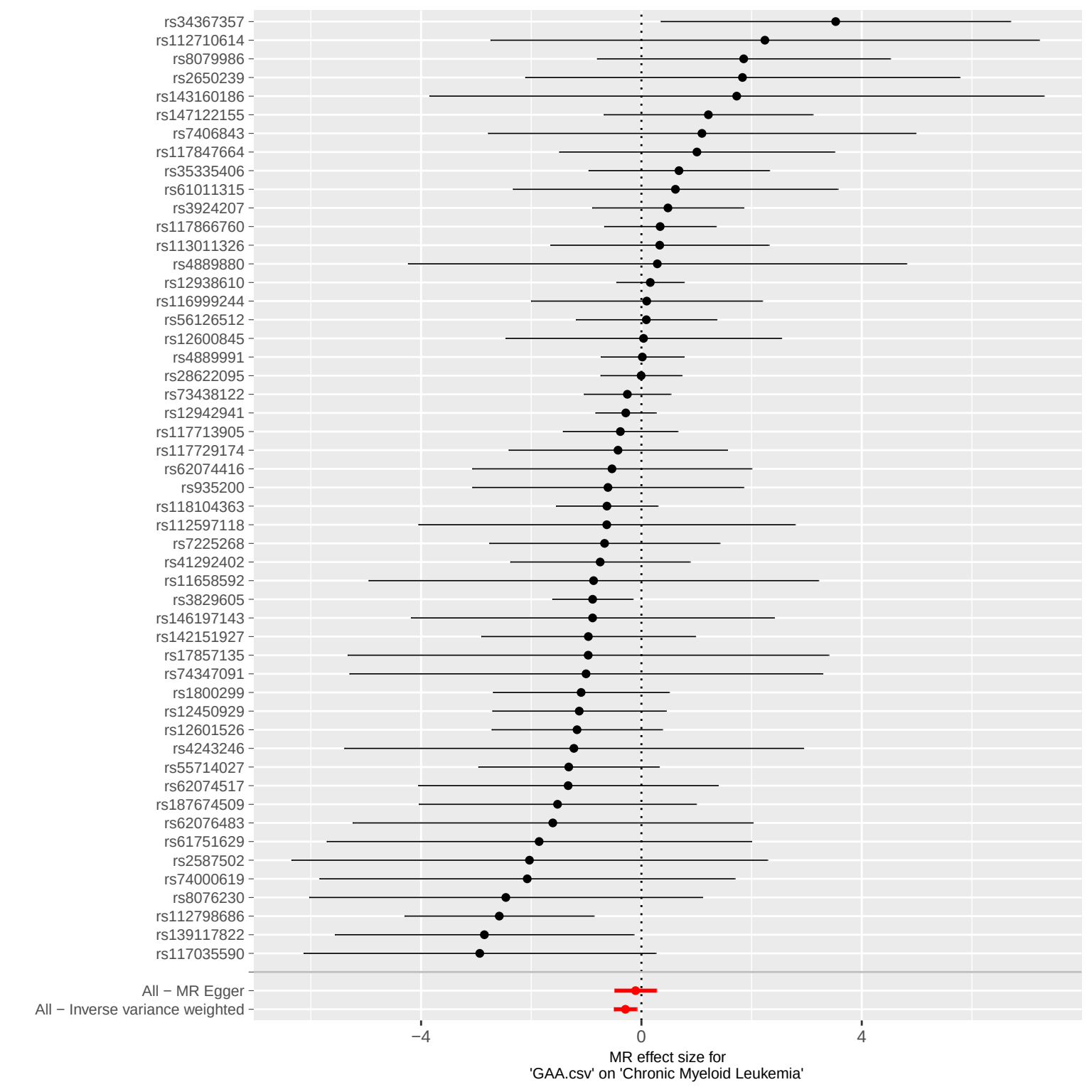
MR effect size for
'G6PC3.csv' on 'Chronic Myeloid Leukemia'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rs187674509
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rs2587502
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rs8076230
rs112798686
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All − MR Egger
All − Inverse variance weighted
−4
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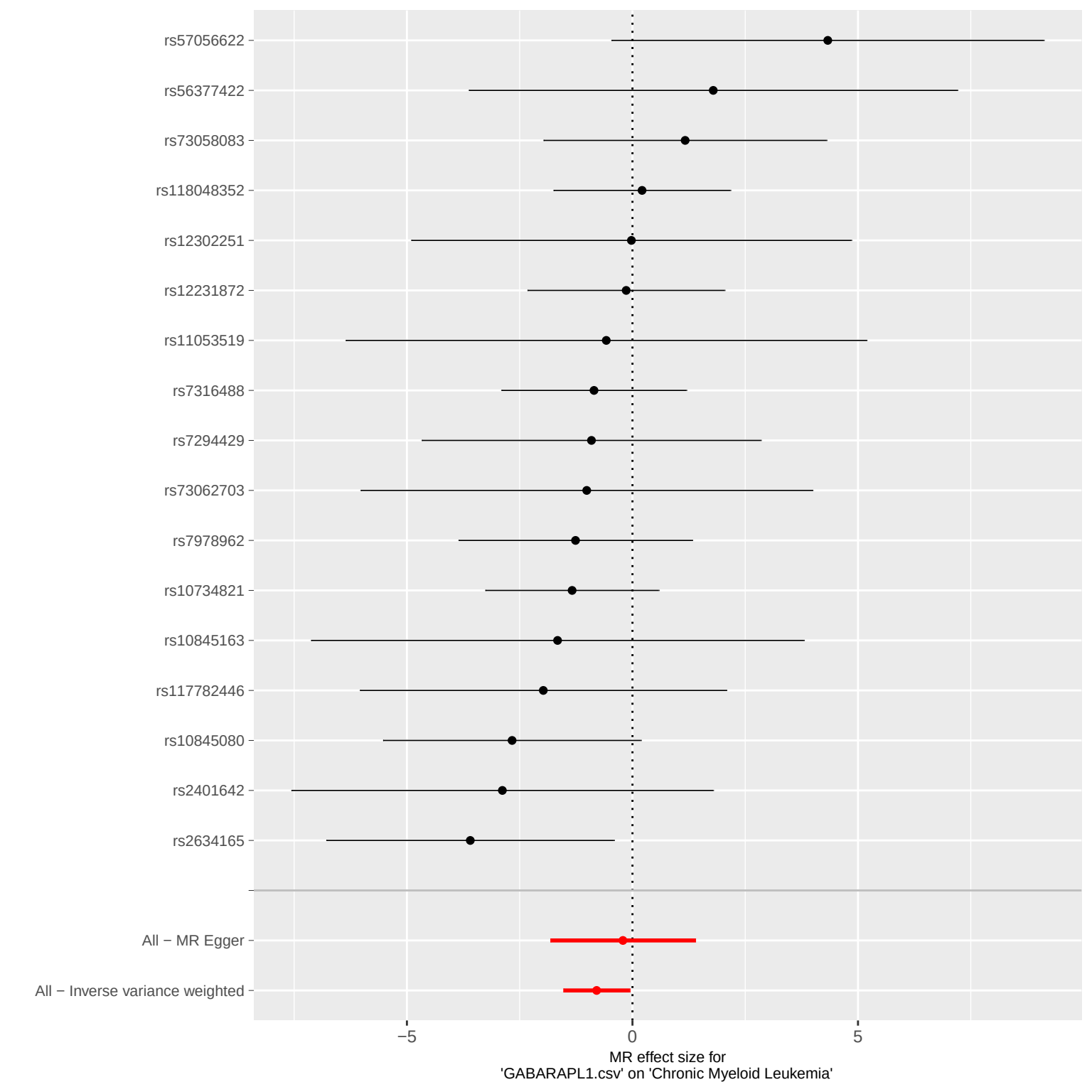
MR effect size for
'GAA.csv' on 'Chronic Myeloid Leukemia'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rs10734821
rs10845163
rs117782446
rs10845080
rs2401642
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All − MR Egger
All − Inverse variance weighted
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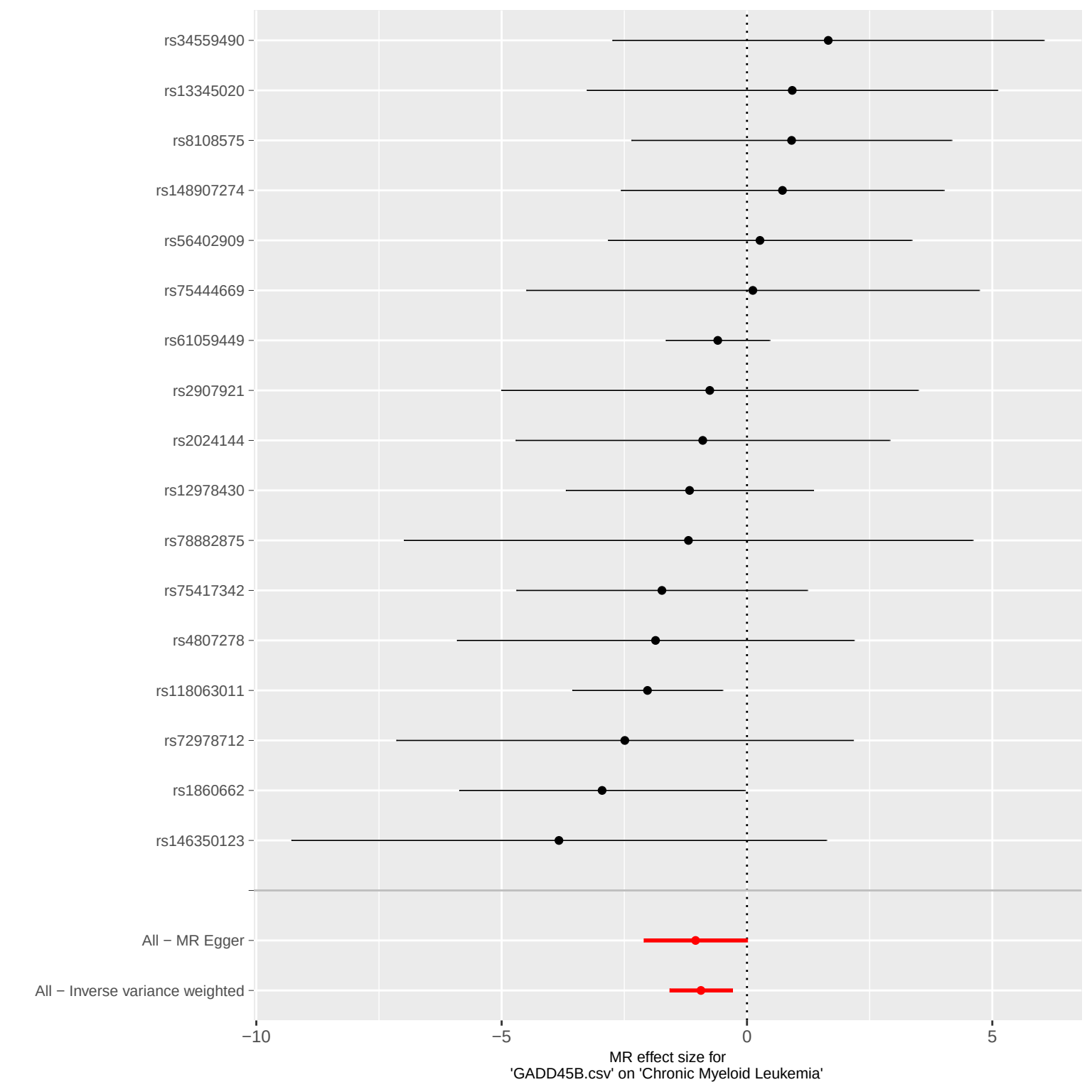
MR effect size for
'GABARAPL1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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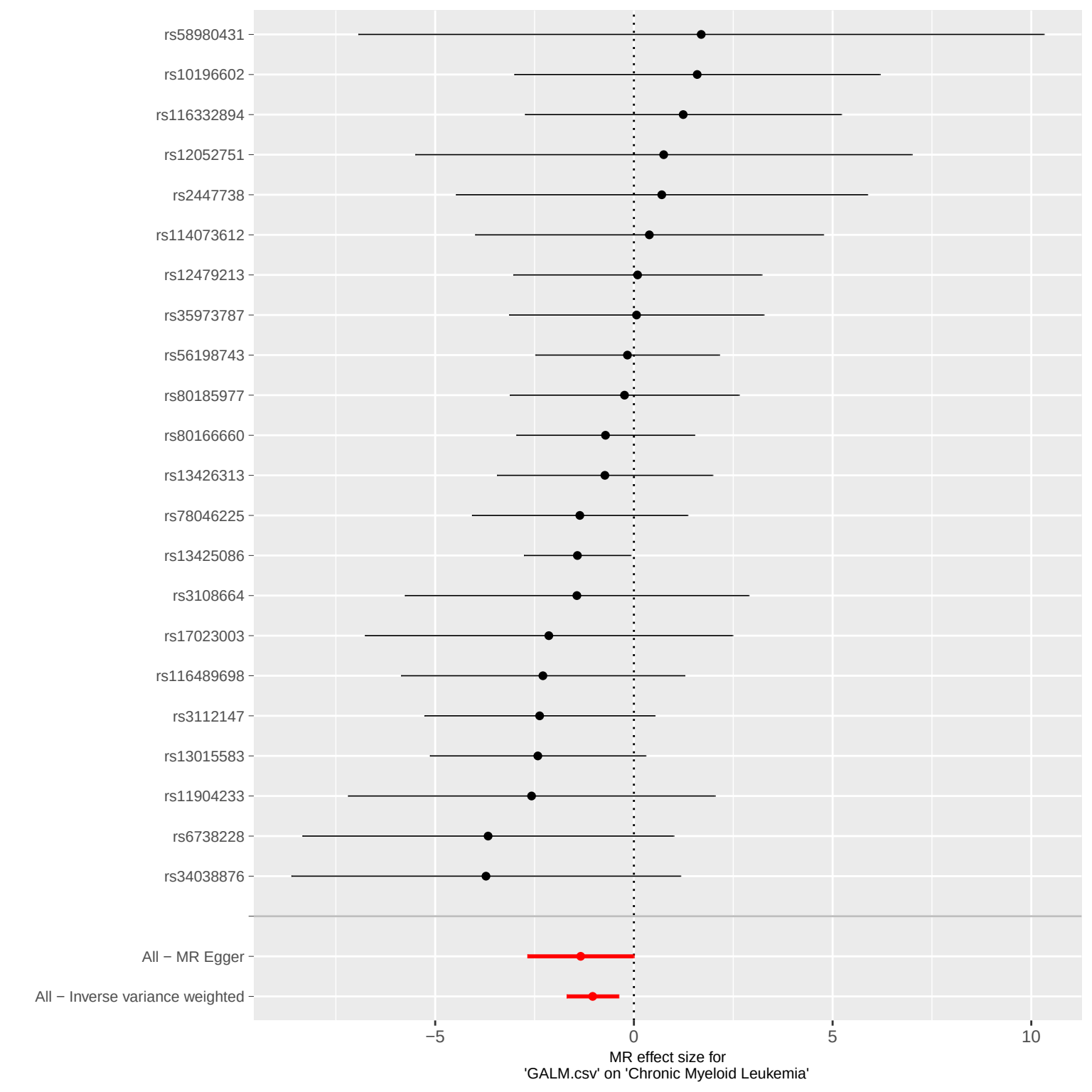
MR effect size for
'GADD45B.csv' on 'Chronic Myeloid Leukemia'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rs3112147
rs13015583
rs11904233
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All − MR Egger
All − Inverse variance weighted
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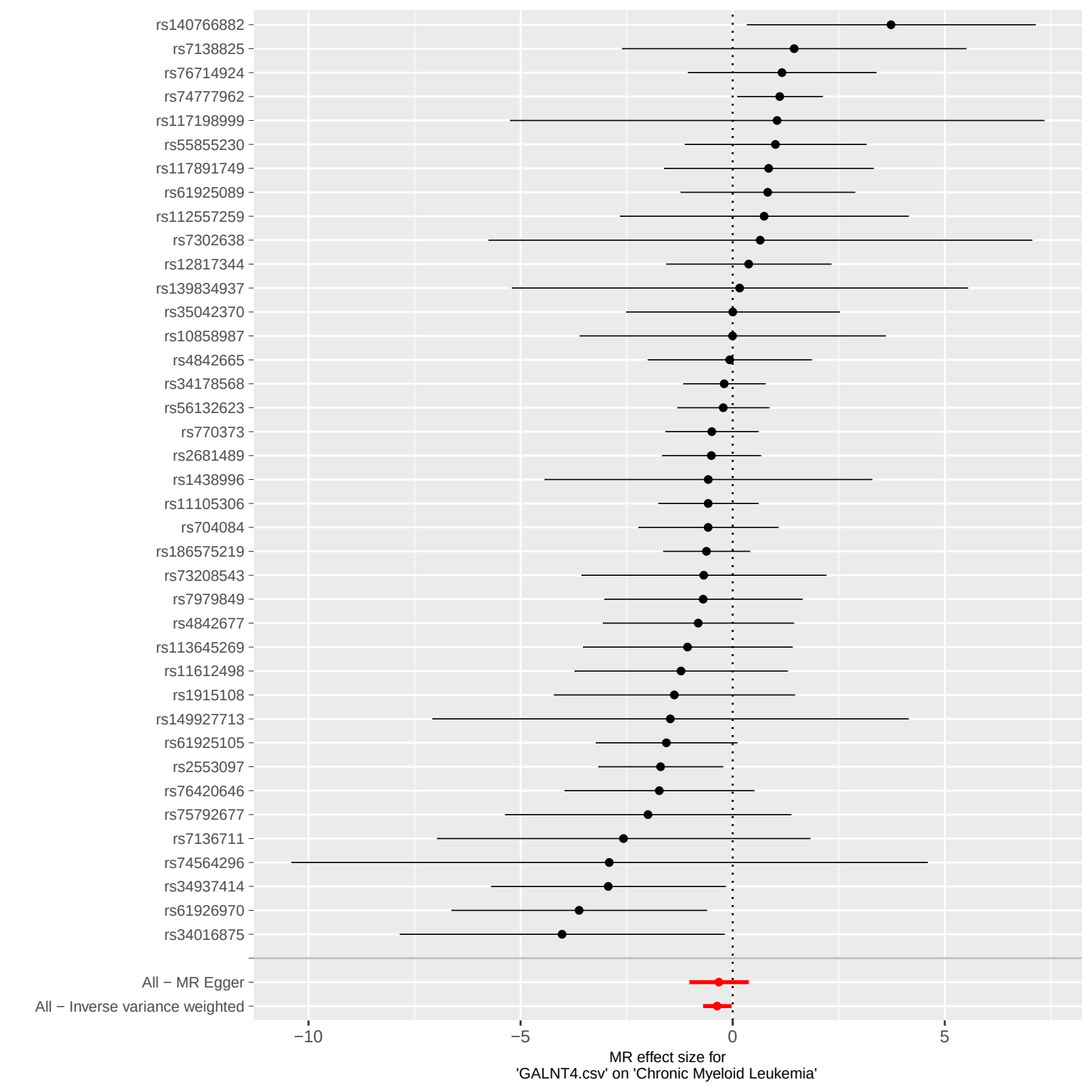
5
10
MR effect size for
'GALM.csv' on 'Chronic Myeloid Leukemia'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rs7136711
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rs61926970
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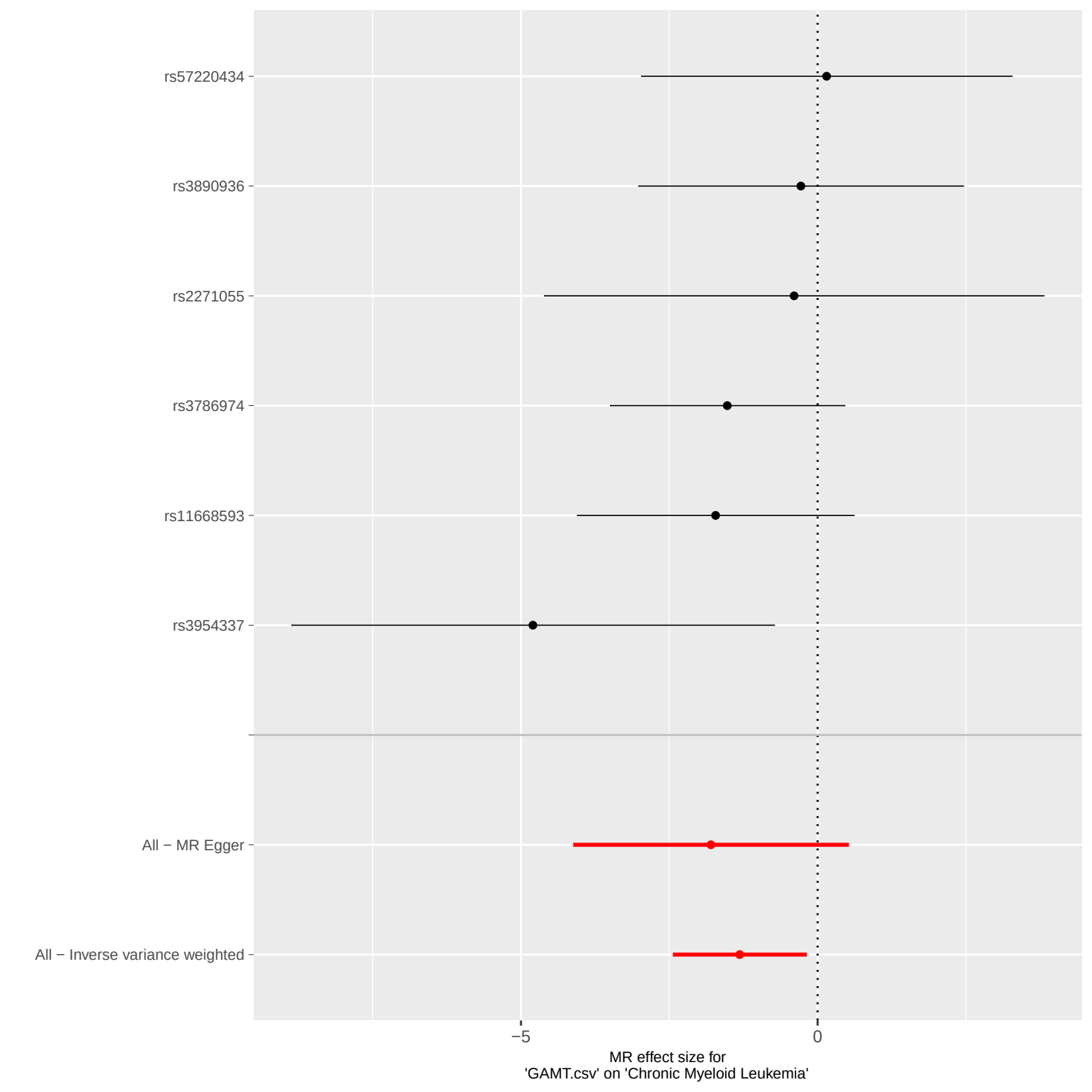
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'GALNT4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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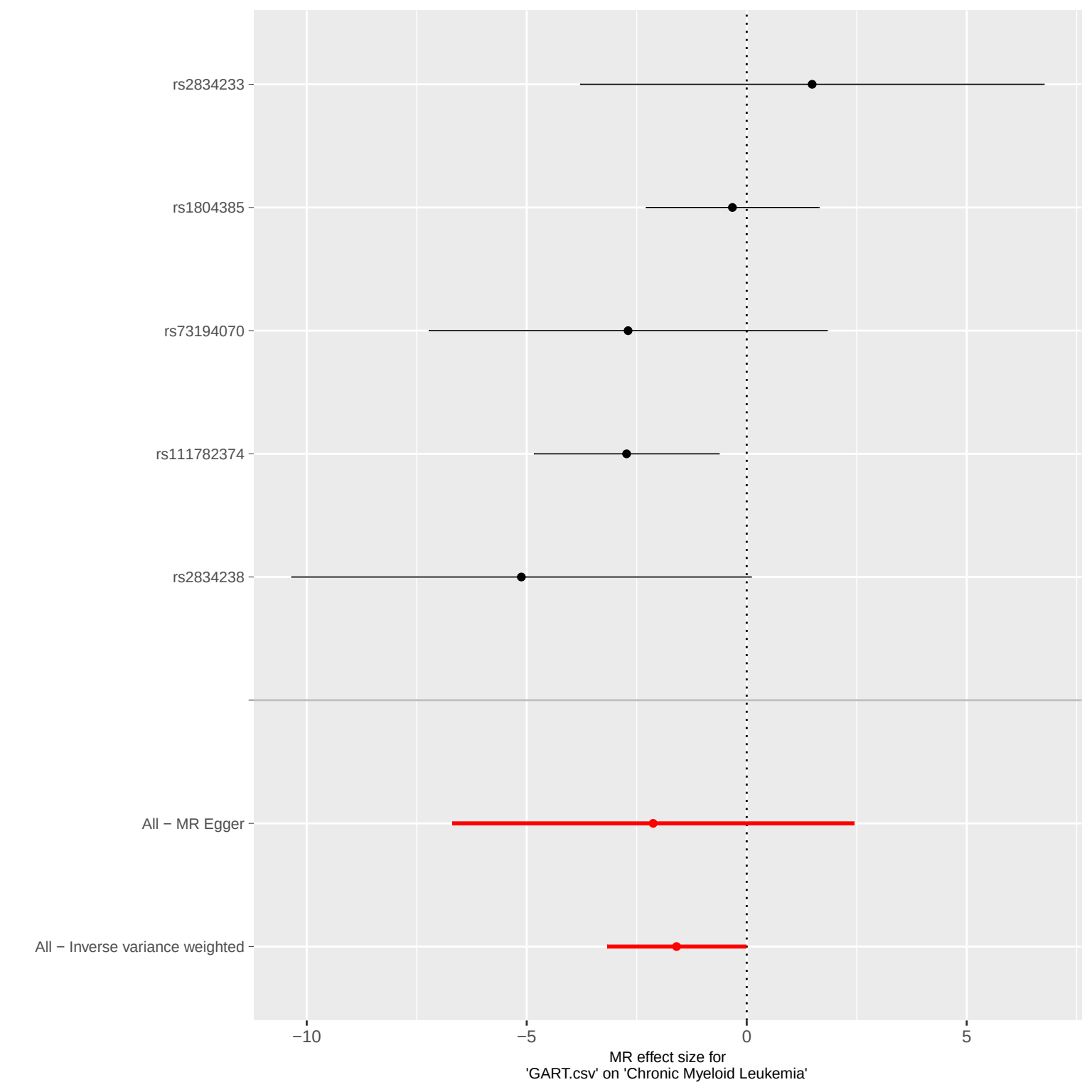
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All − Inverse variance weighted
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−5
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MR effect size for
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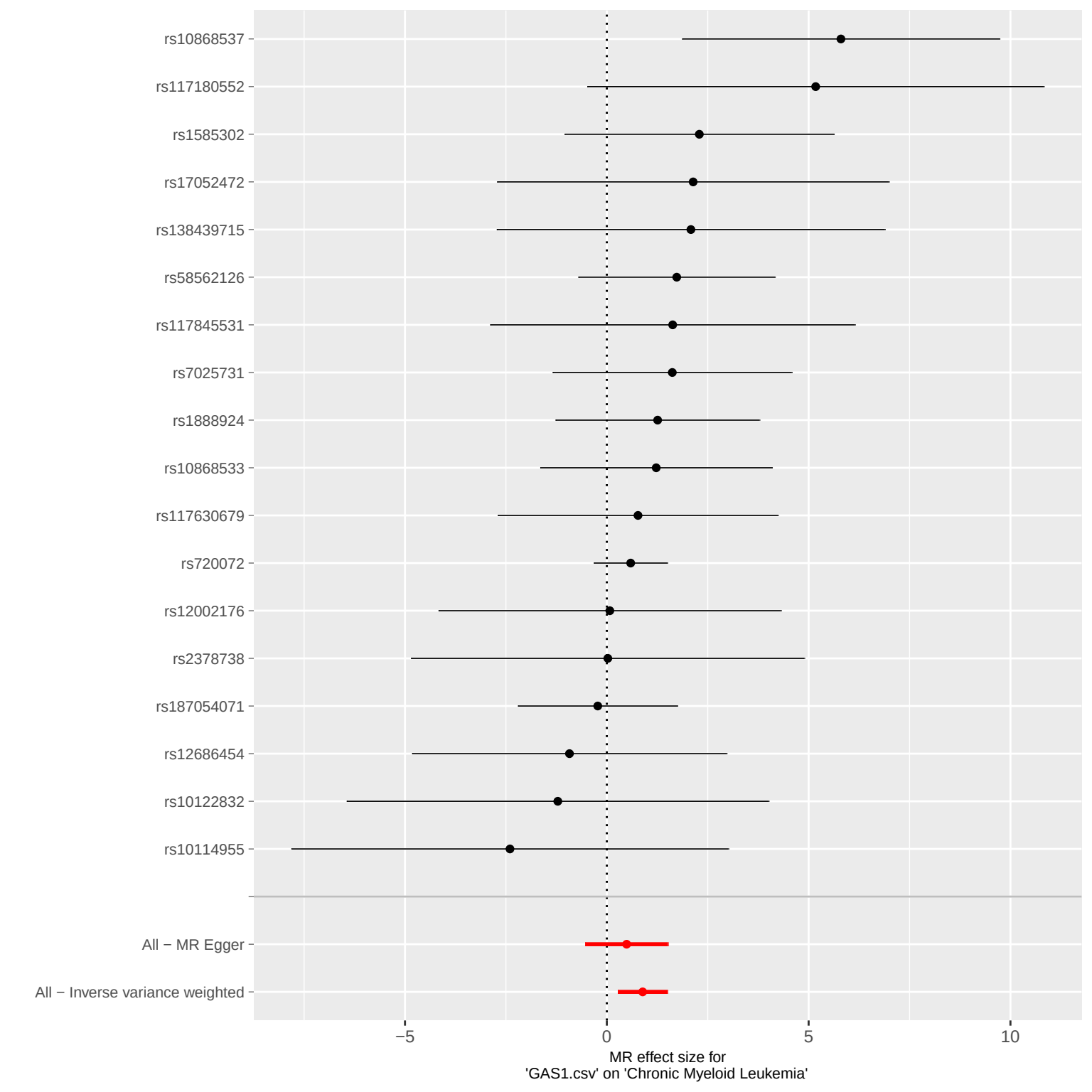
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rs12002176
rs2378738
rs187054071
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rs10122832
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MR effect size for
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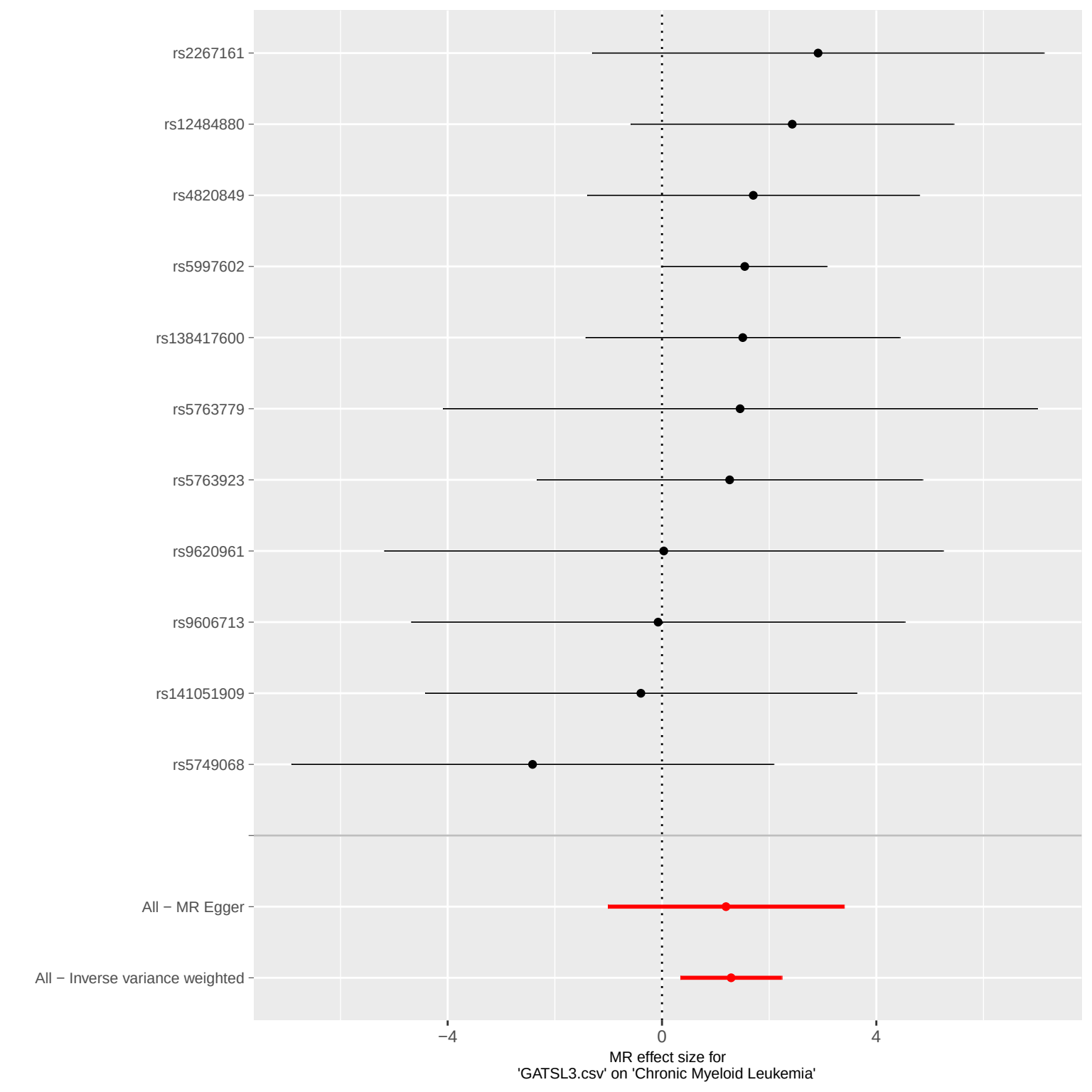
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All − Inverse variance weighted
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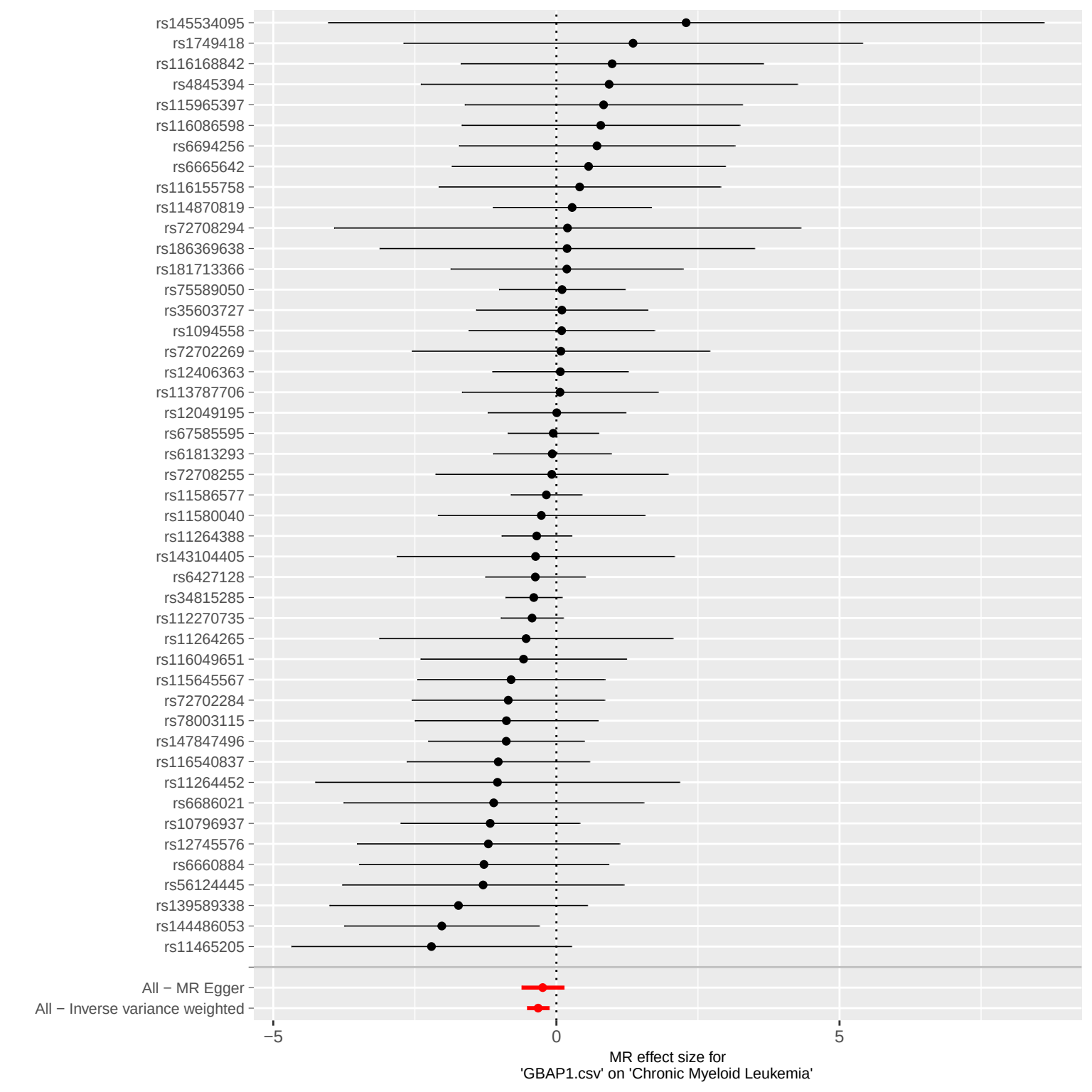
MR effect size for
'GATSL3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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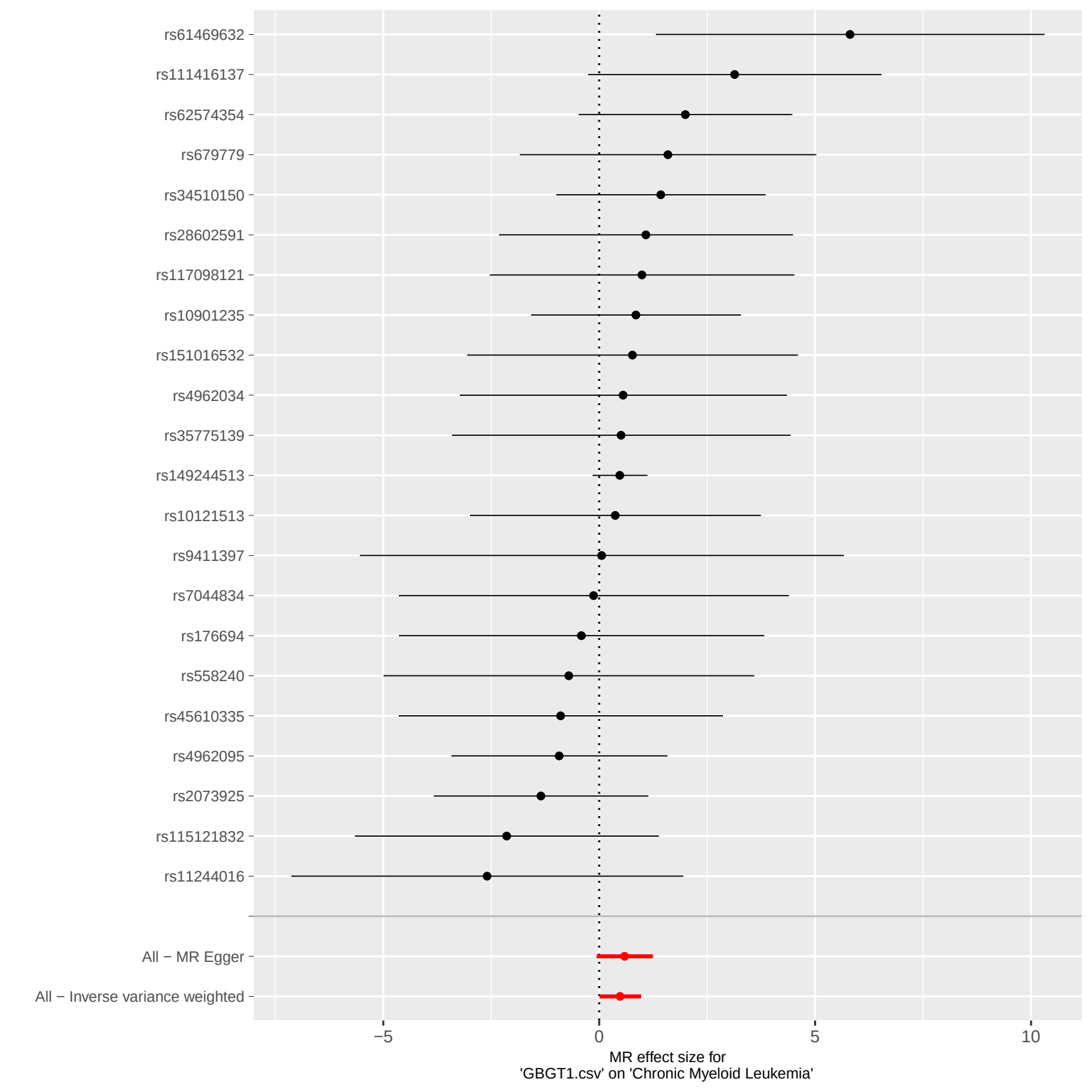
MR effect size for
'GBAP1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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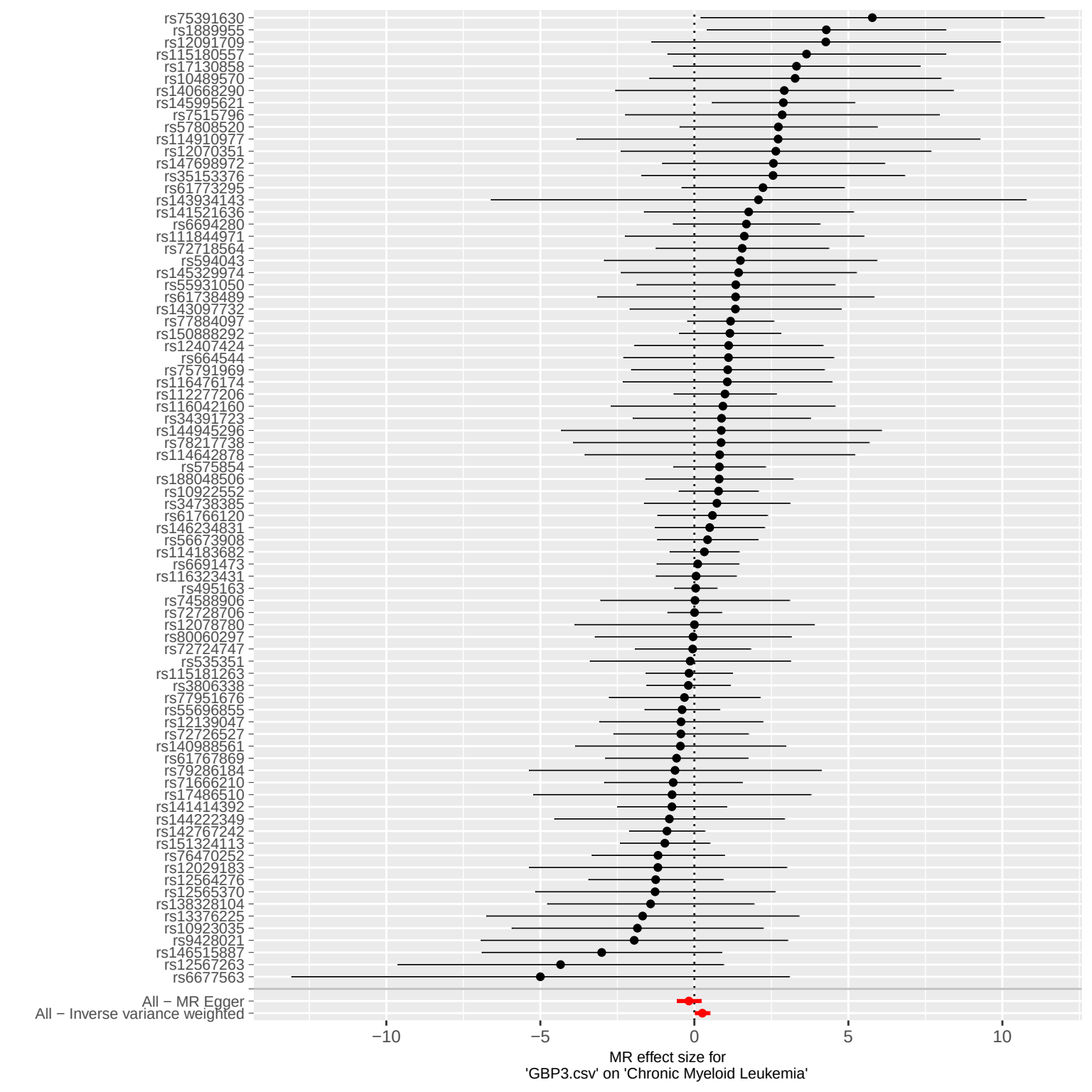
MR effect size for
'GBGT1.csv' on 'Chronic Myeloid Leukemia'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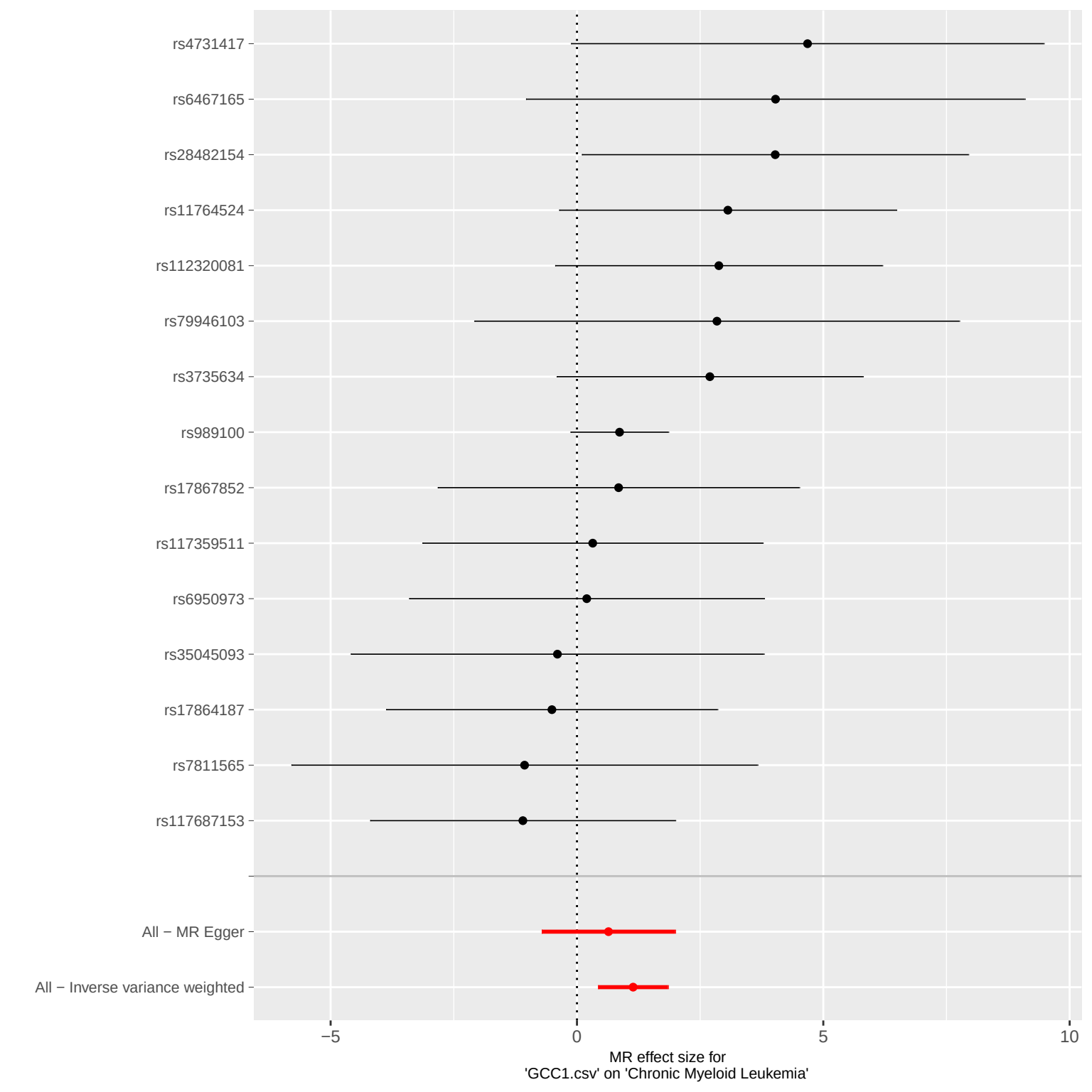
rs10923035
rs9428021
rs146515887
rs12567263
rs6677563
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'GBP3.csv' on 'Chronic Myeloid Leukemia'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rs17864187
rs7811565
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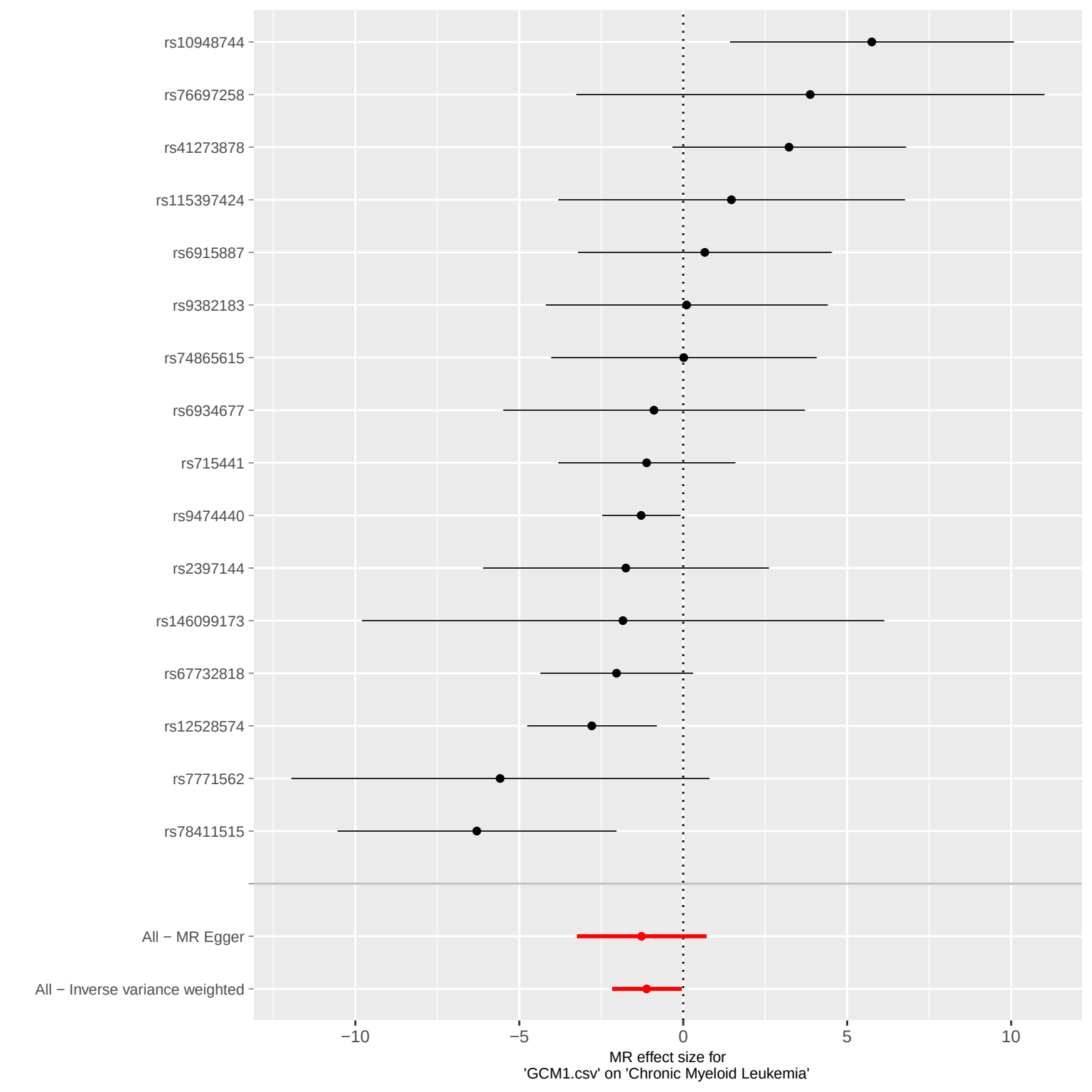
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GCC1.csv' on 'Chronic Myeloid Leukemia'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rs146099173
rs67732818
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rs7771562
rs78411515
All − MR Egger
All − Inverse variance weighted
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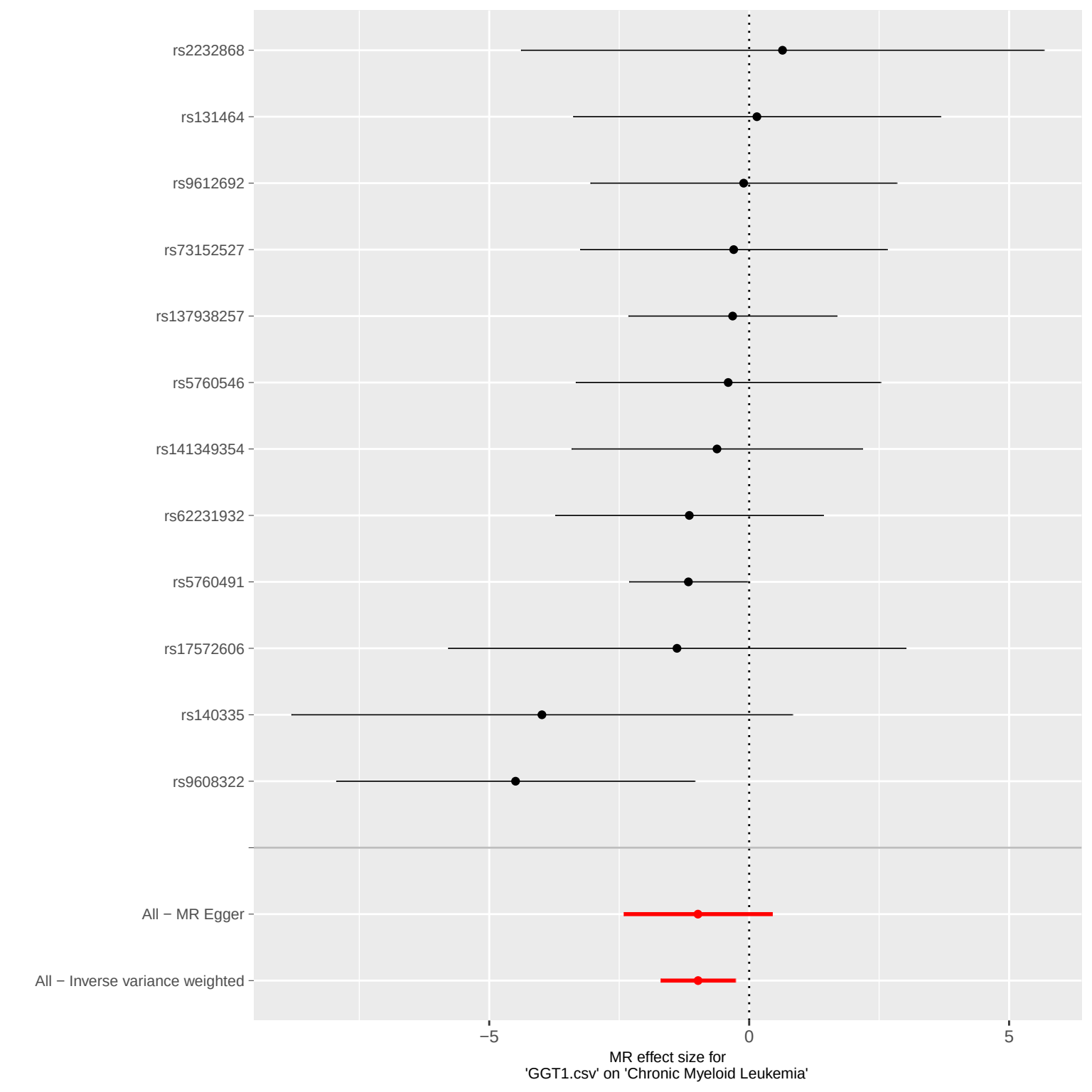
MR effect size for
'GCM1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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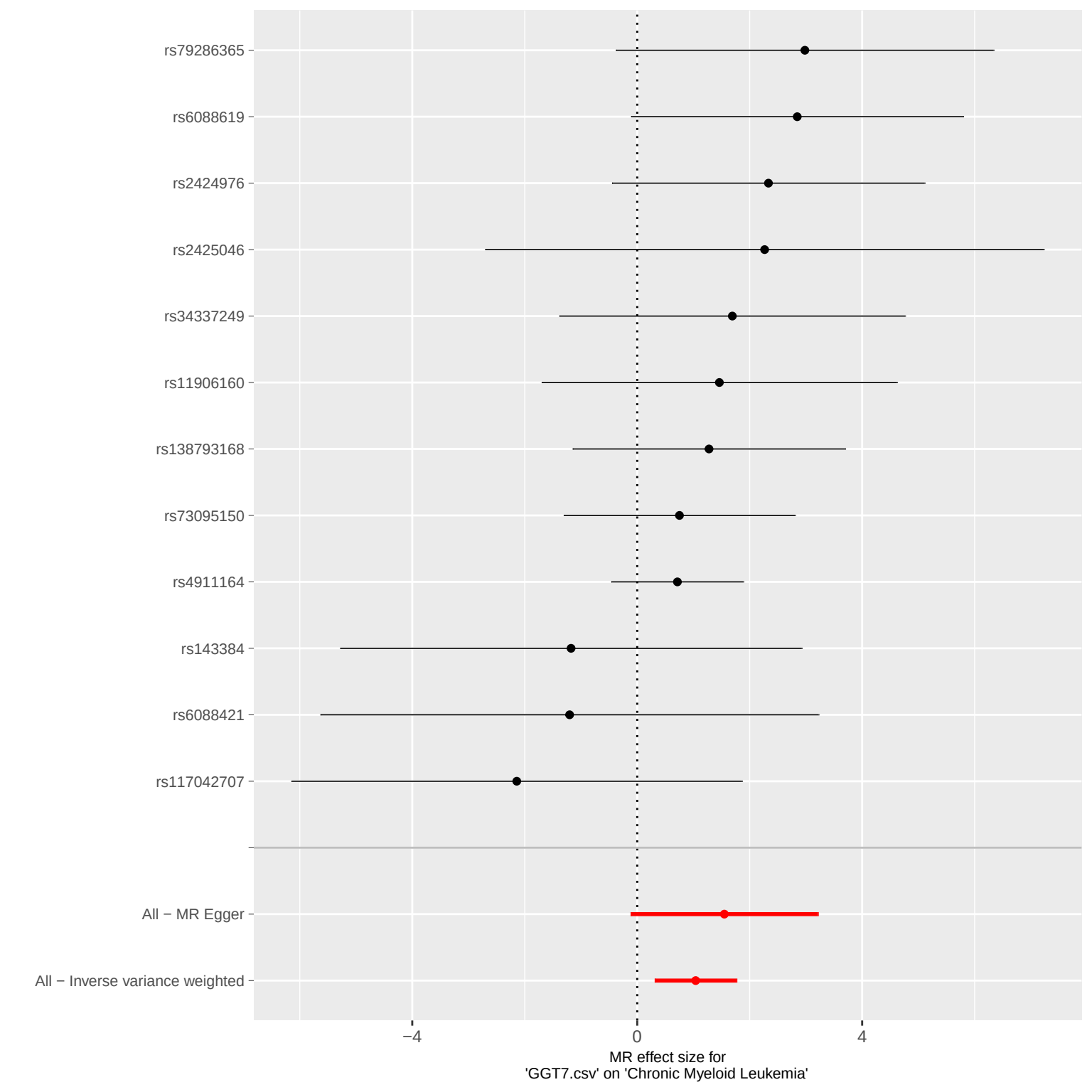
MR effect size for
'GGT1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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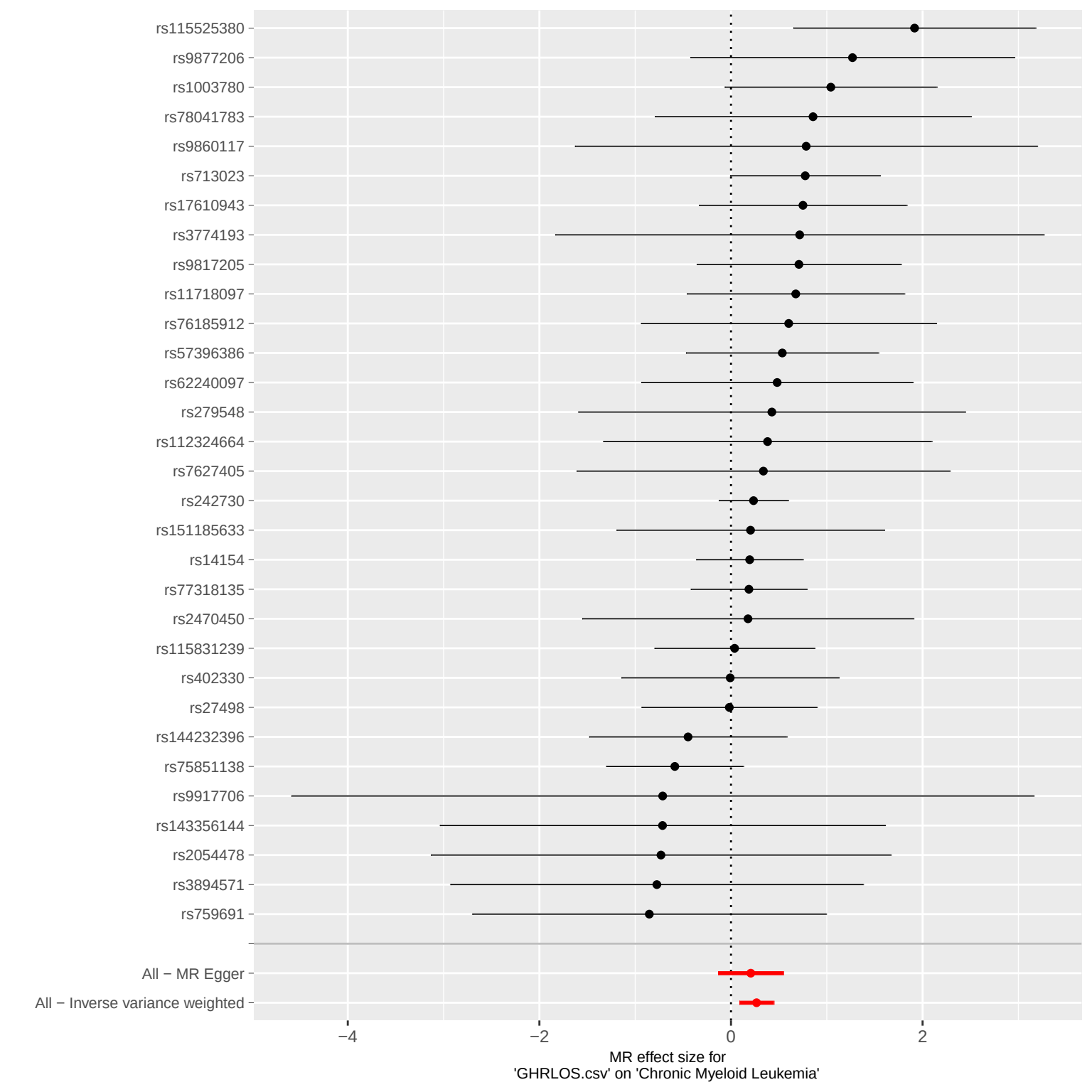
MR effect size for
'GGT7.csv' on 'Chronic Myeloid Leukemia'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rs14154
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rs9917706
rs143356144
rs2054478
rs3894571
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All − MR Egger
All − Inverse variance weighted
−4
−2
0
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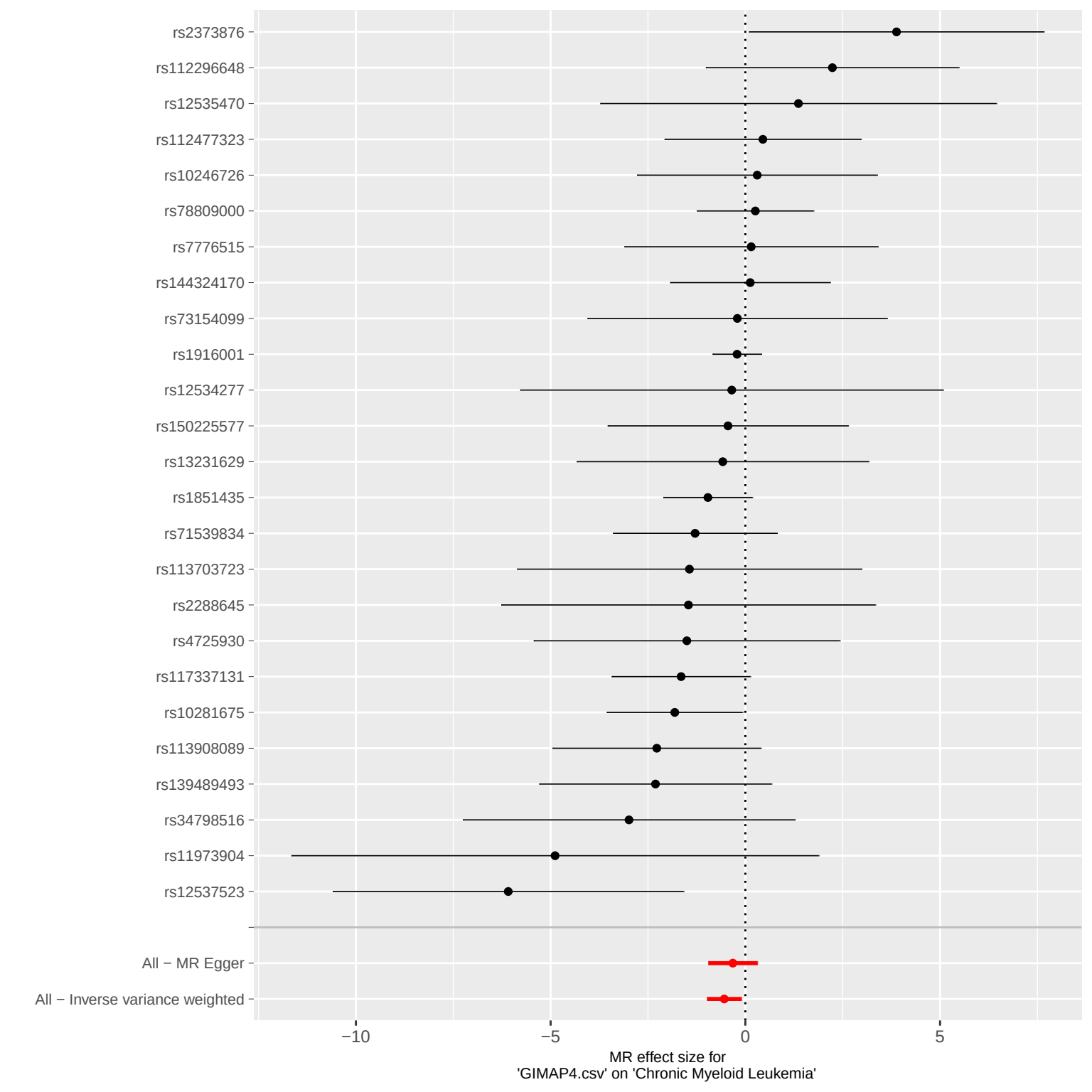
MR effect size for
'GHRLOS.csv' on 'Chronic Myeloid Leukemia'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rs113703723
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rs4725930
rs117337131
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rs113908089
rs139489493
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rs11973904
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All − MR Egger
All − Inverse variance weighted
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−5
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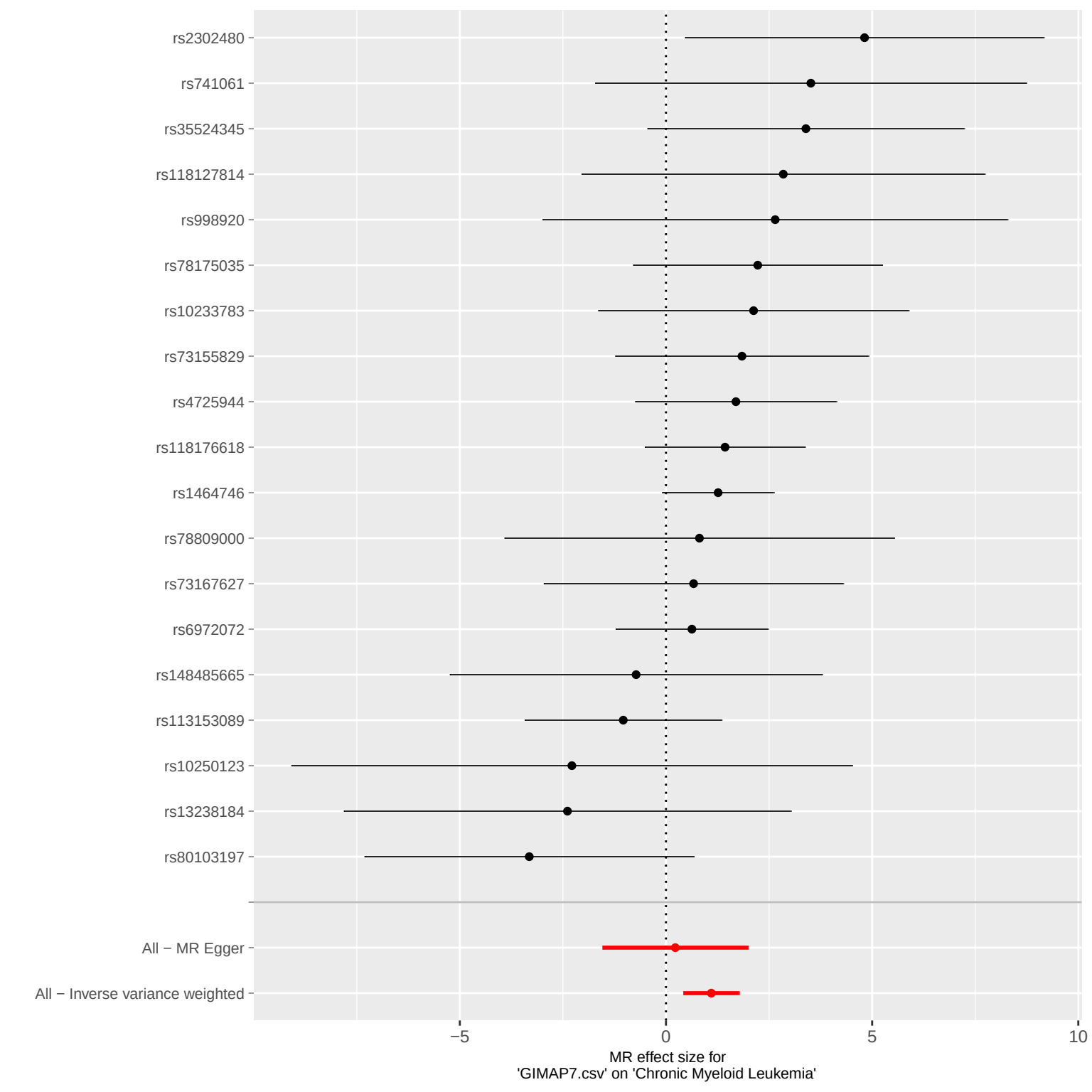
MR effect size for
'GIMAP4.csv' on 'Chronic Myeloid Leukemia'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rs6972072
rs148485665
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rs10250123
rs13238184
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All − MR Egger
All − Inverse variance weighted
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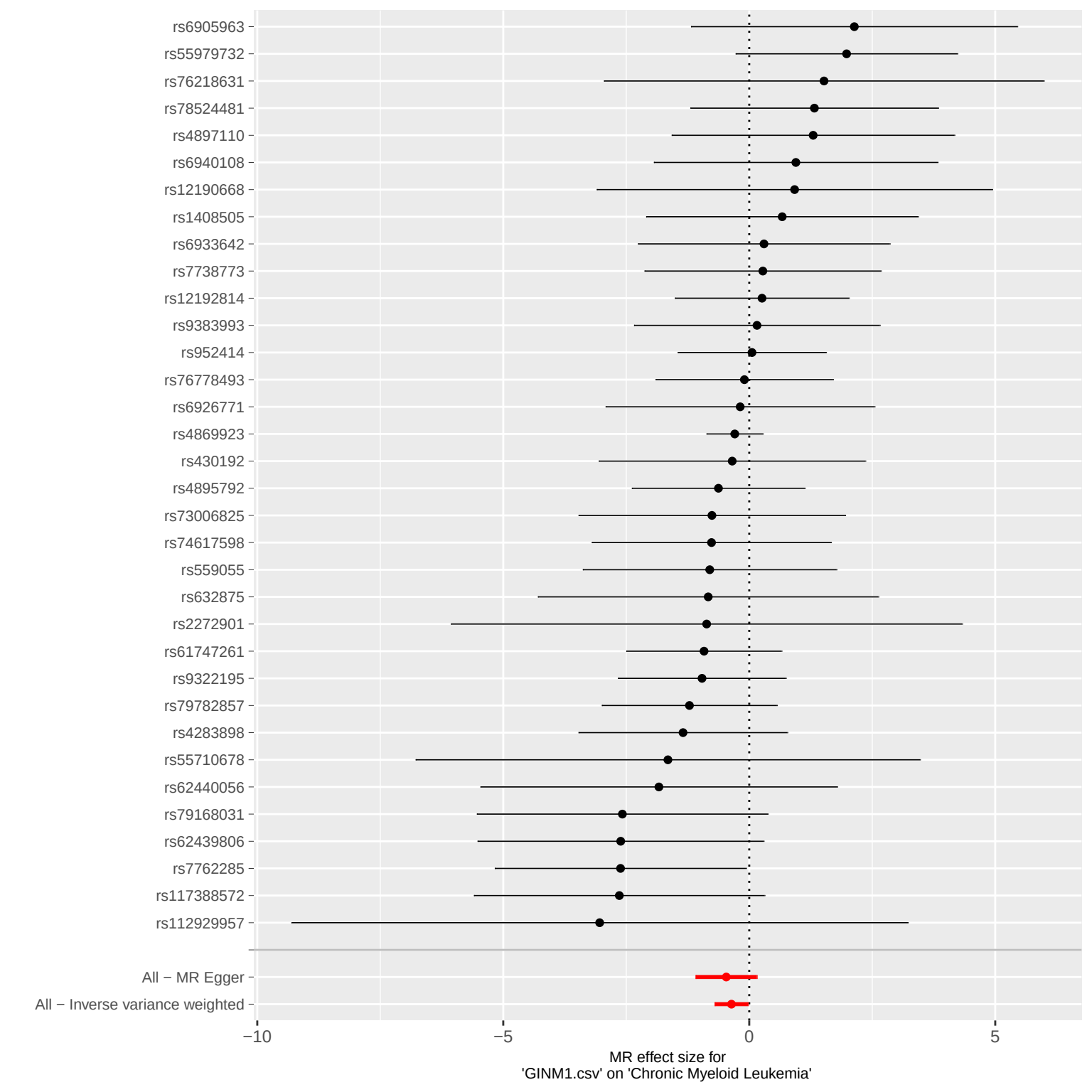
MR effect size for
'GIMAP7.csv' on 'Chronic Myeloid Leukemia'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rs62439806
rs7762285
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All − Inverse variance weighted
−10
−5
0
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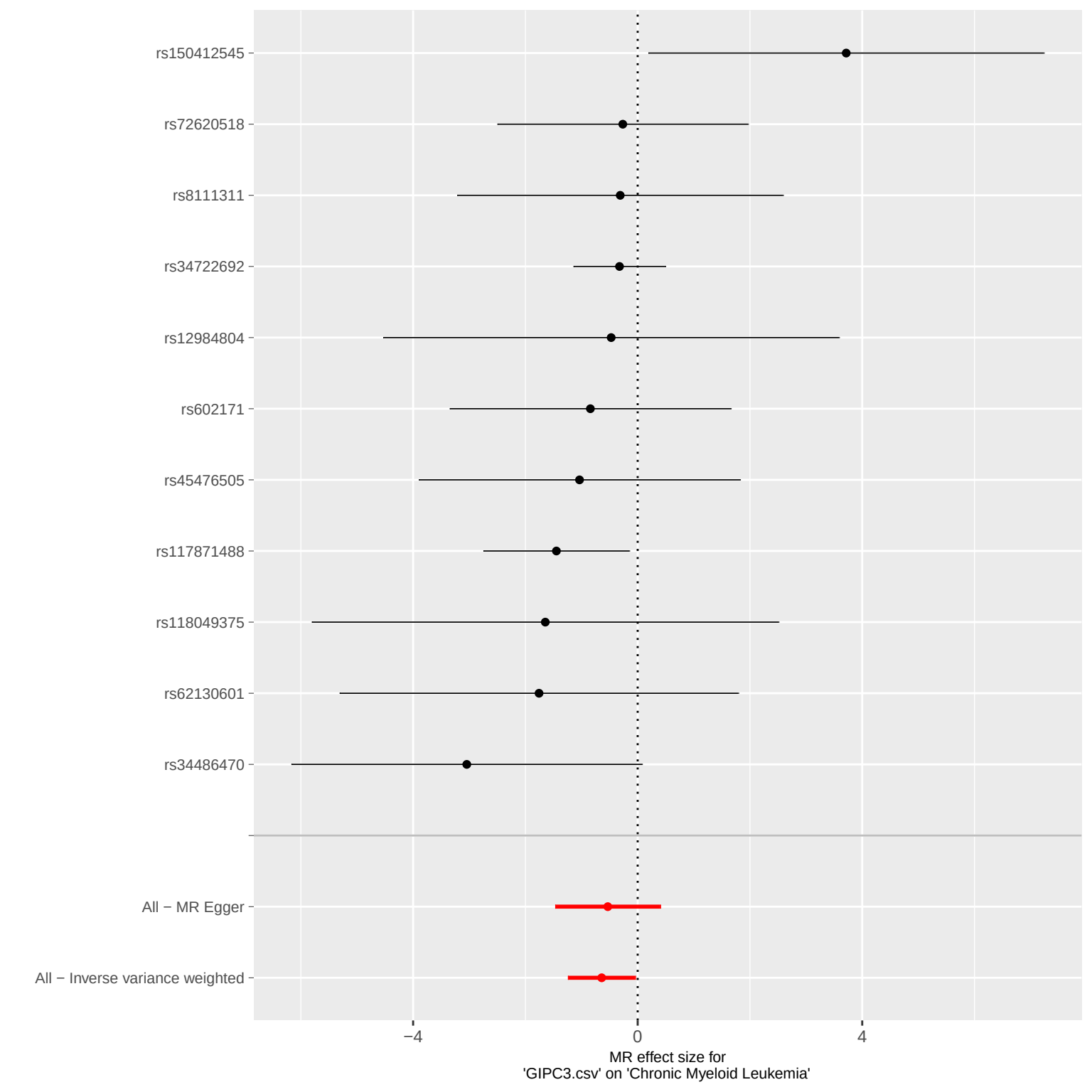
MR effect size for
'GINM1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
−4
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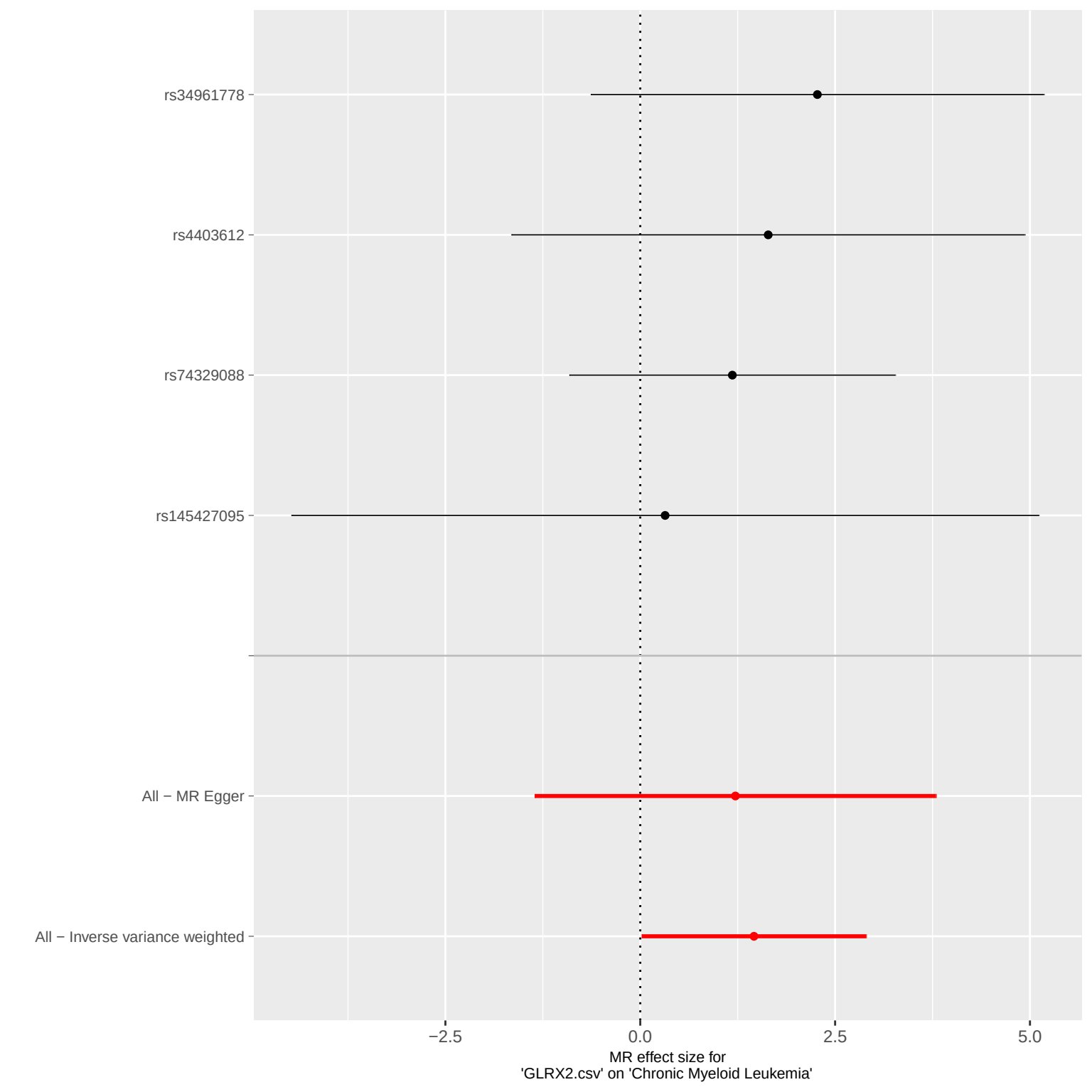
MR effect size for
'GIPC3.csv' on 'Chronic Myeloid Leukemia'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rs74329088
rs145427095
All − MR Egger
All − Inverse variance weighted
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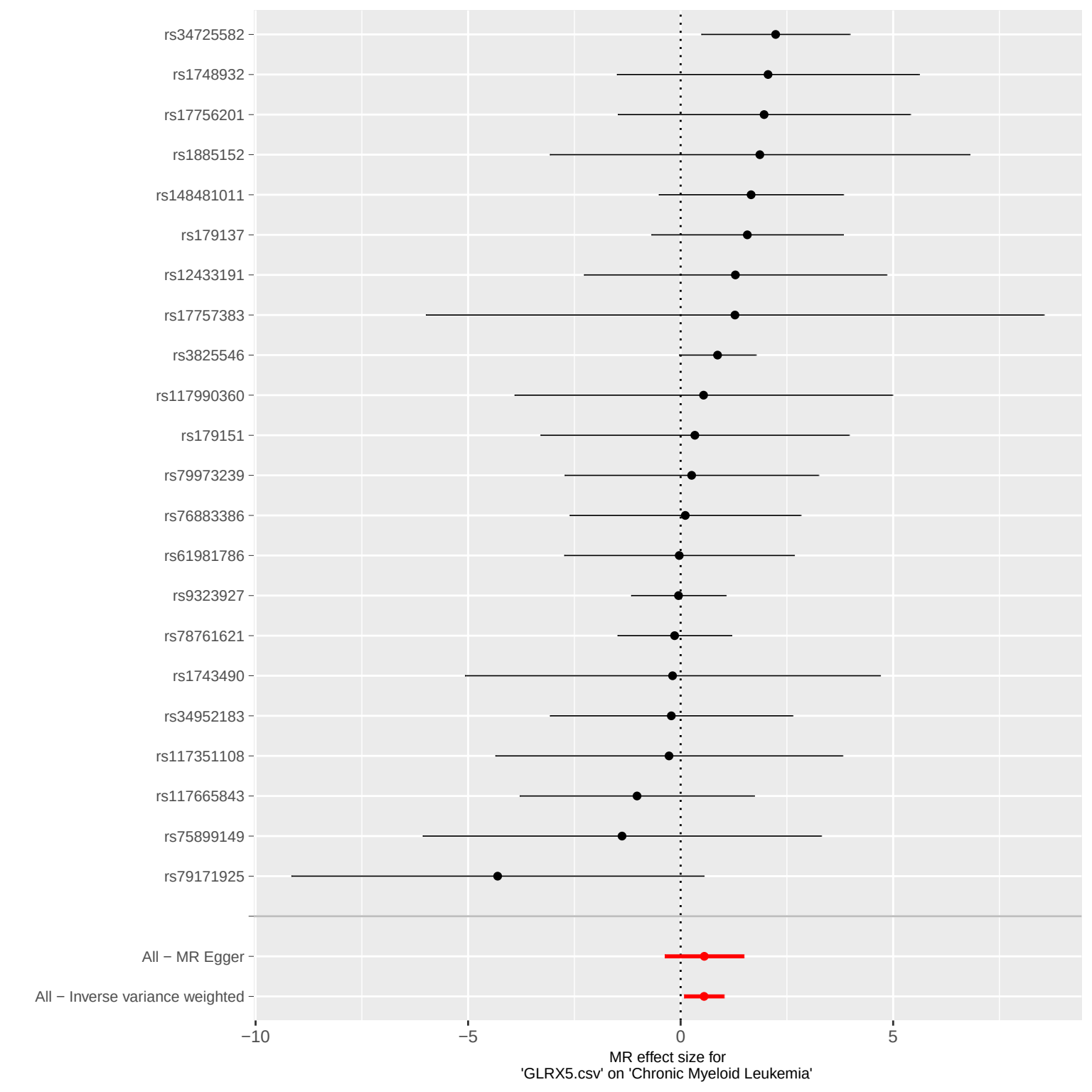
0.0
2.5
5.0
MR effect size for
'GLRX2.csv' on 'Chronic Myeloid Leukemia'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rs79973239
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rs61981786
rs9323927
rs78761621
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rs34952183
rs117351108
rs117665843
rs75899149
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All − Inverse variance weighted
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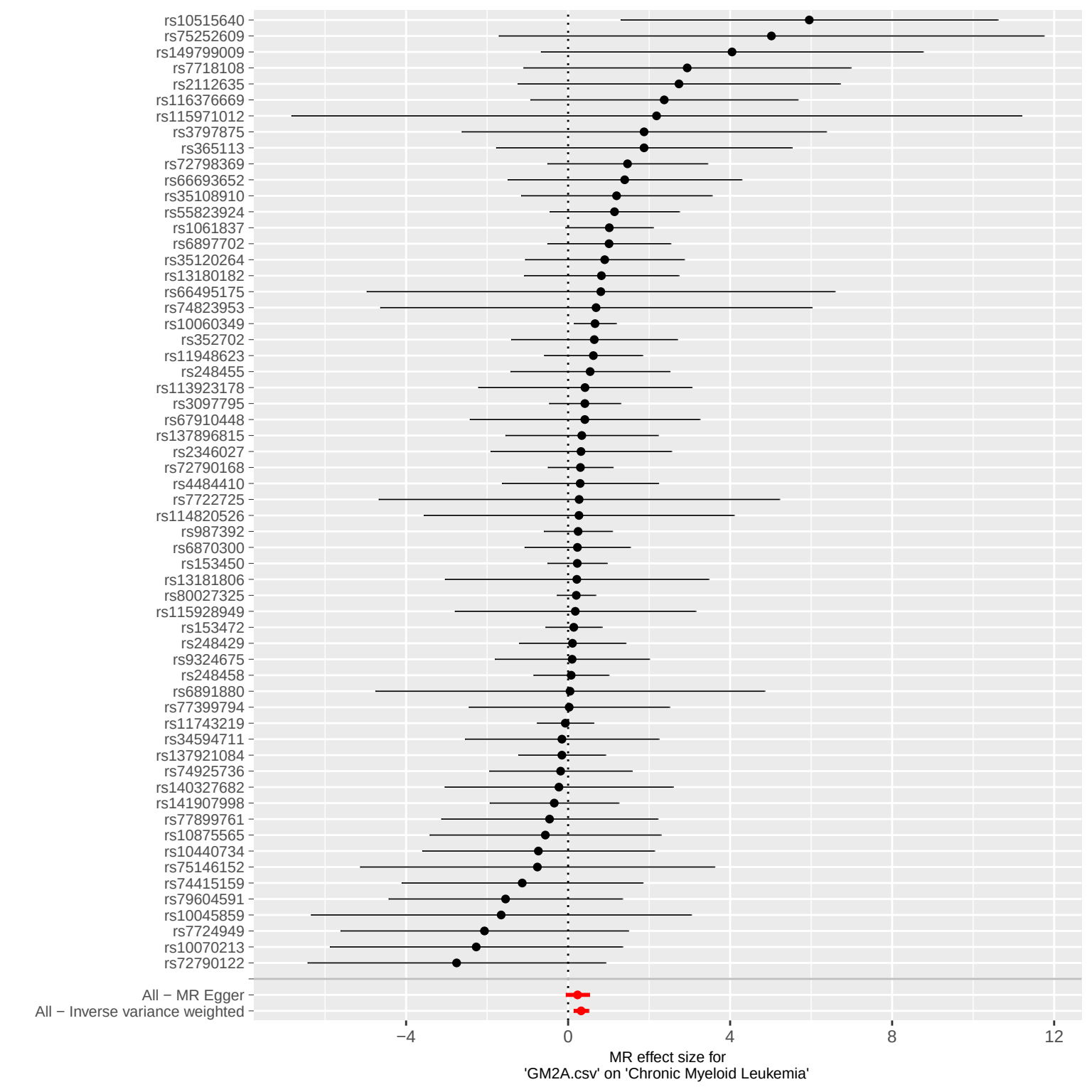
−5
0
5
MR effect size for
'GLRX5.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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4
8
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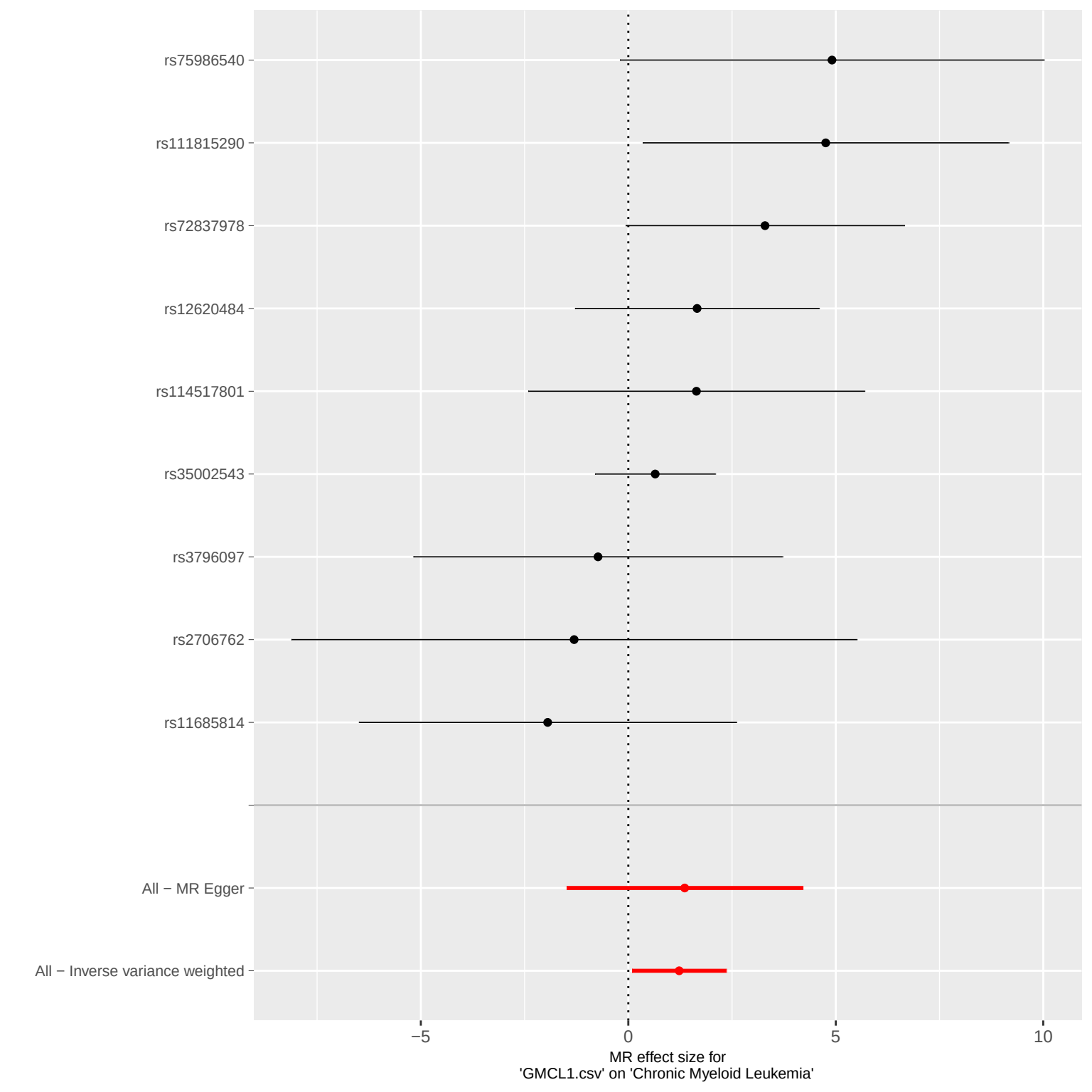
MR effect size for
'GM2A.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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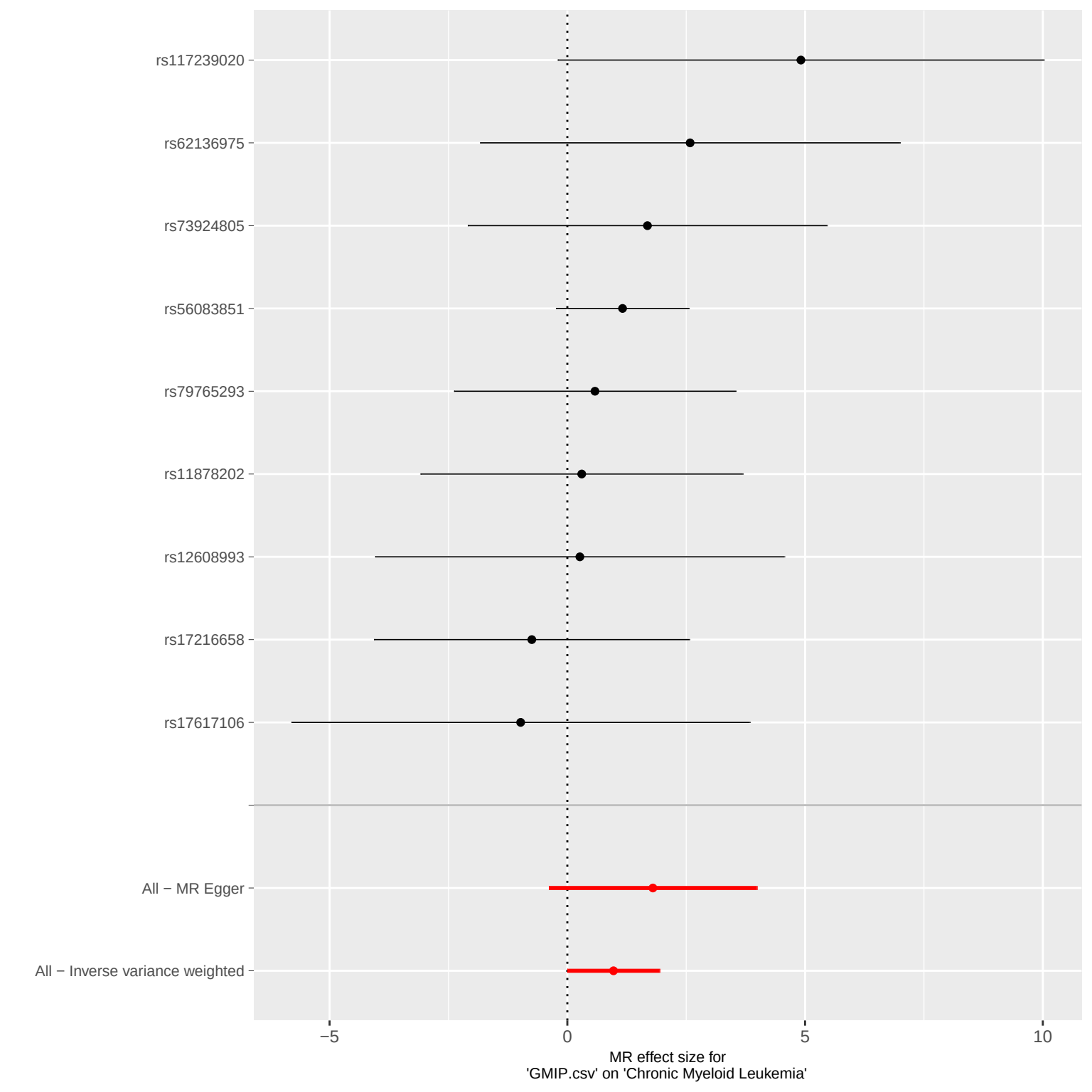
MR effect size for
'GMCL1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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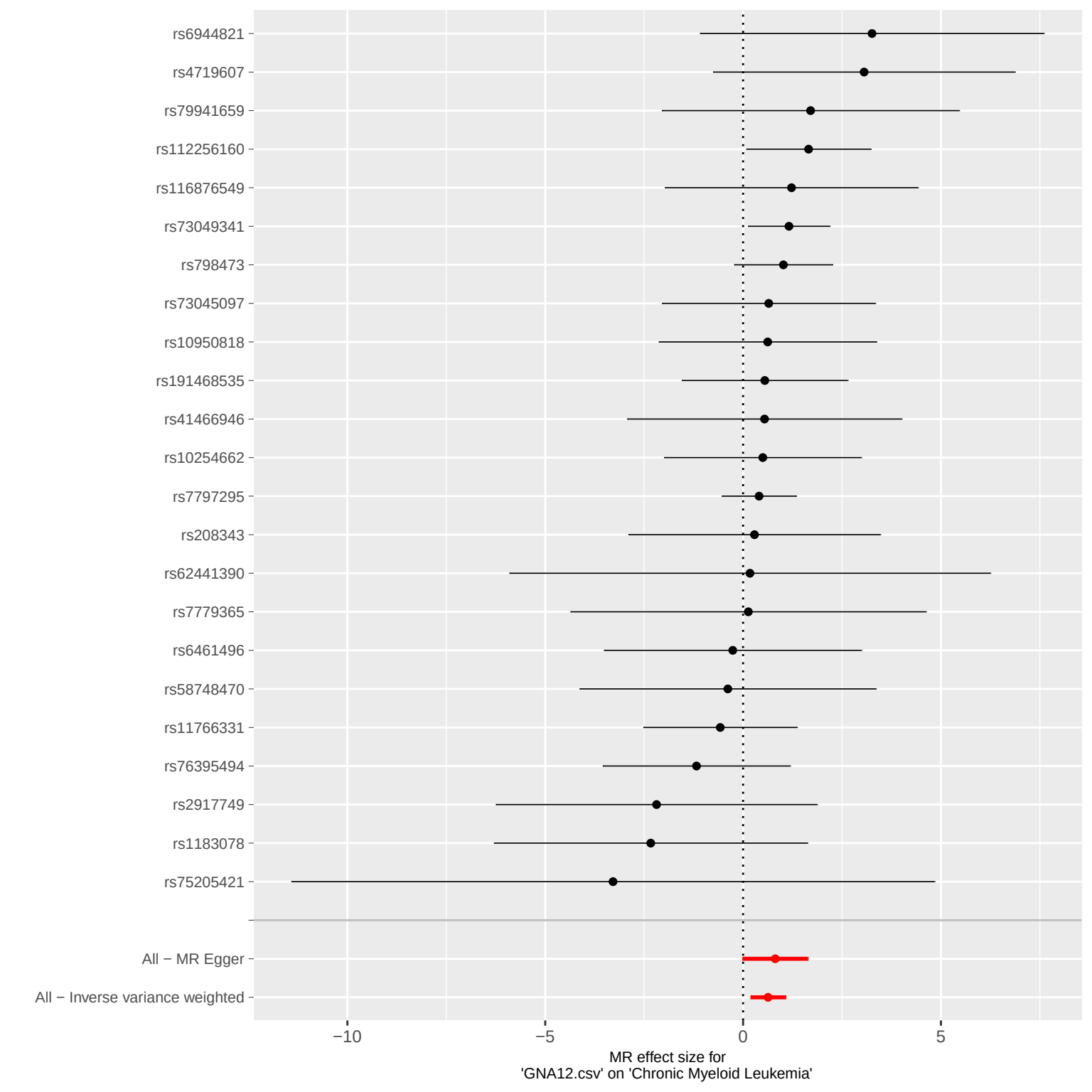
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rs1183078
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All − MR Egger
All − Inverse variance weighted
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−5
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MR effect size for
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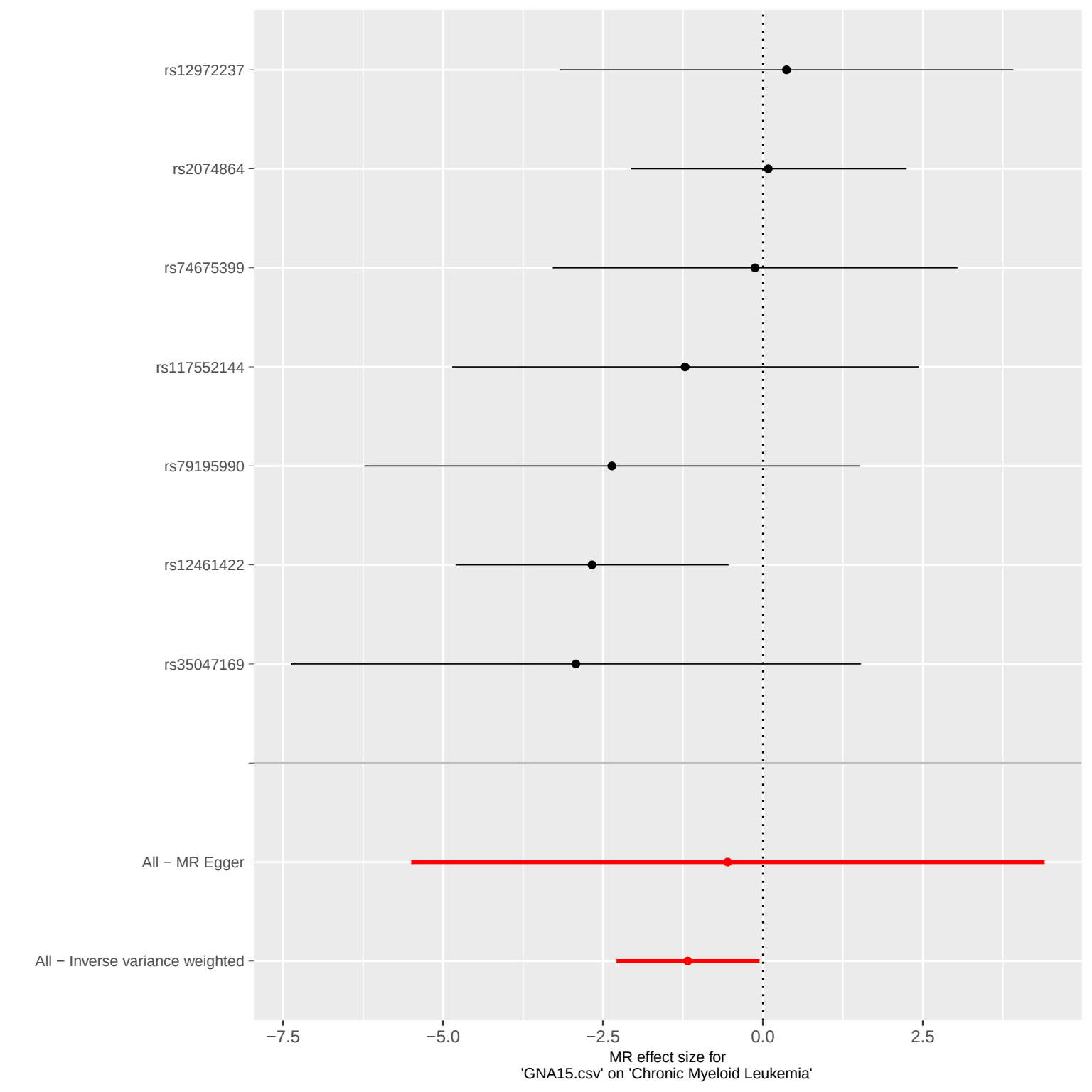
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All − MR Egger
All − Inverse variance weighted
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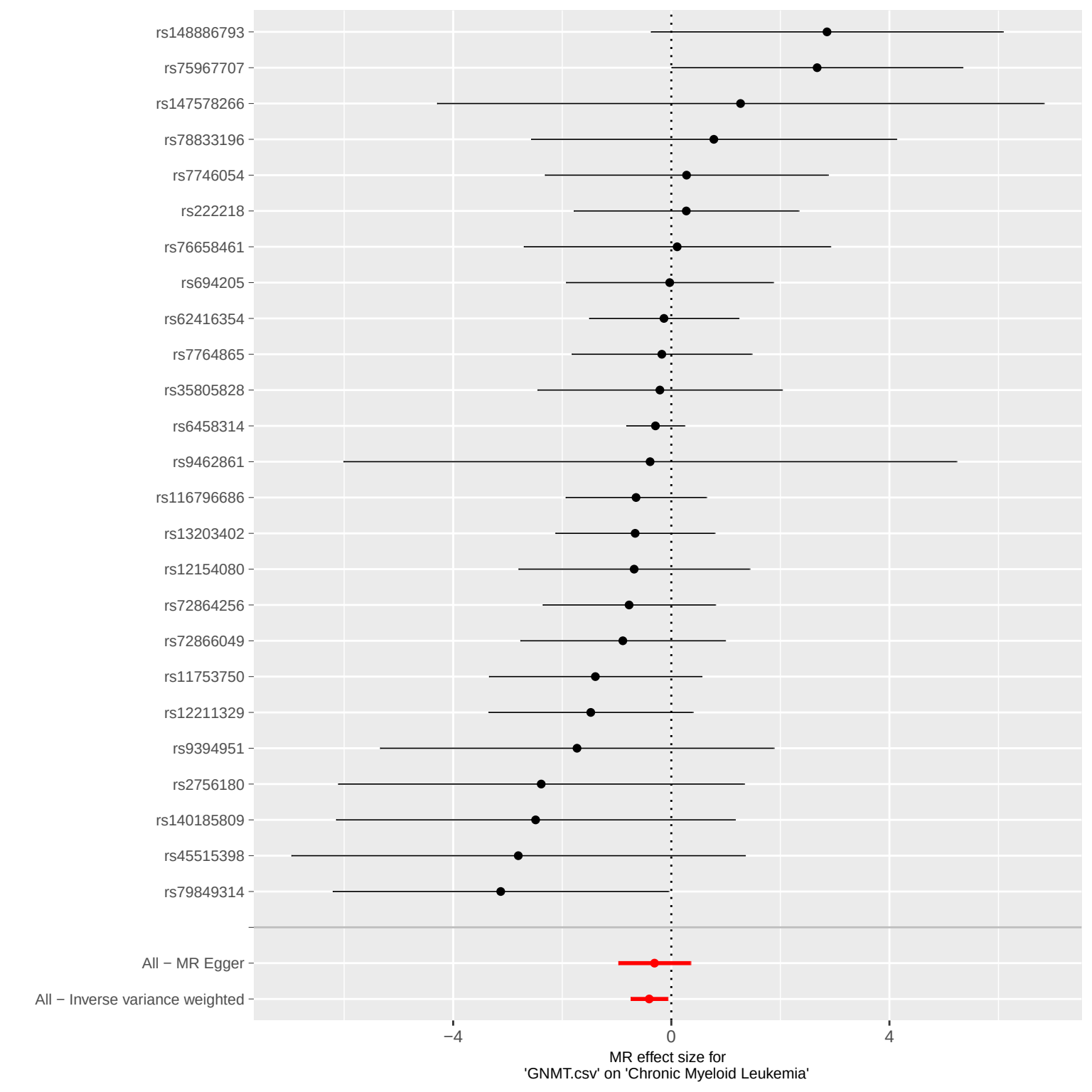
−2.5
0.0
2.5
MR effect size for
'GNA15.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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4
MR effect size for
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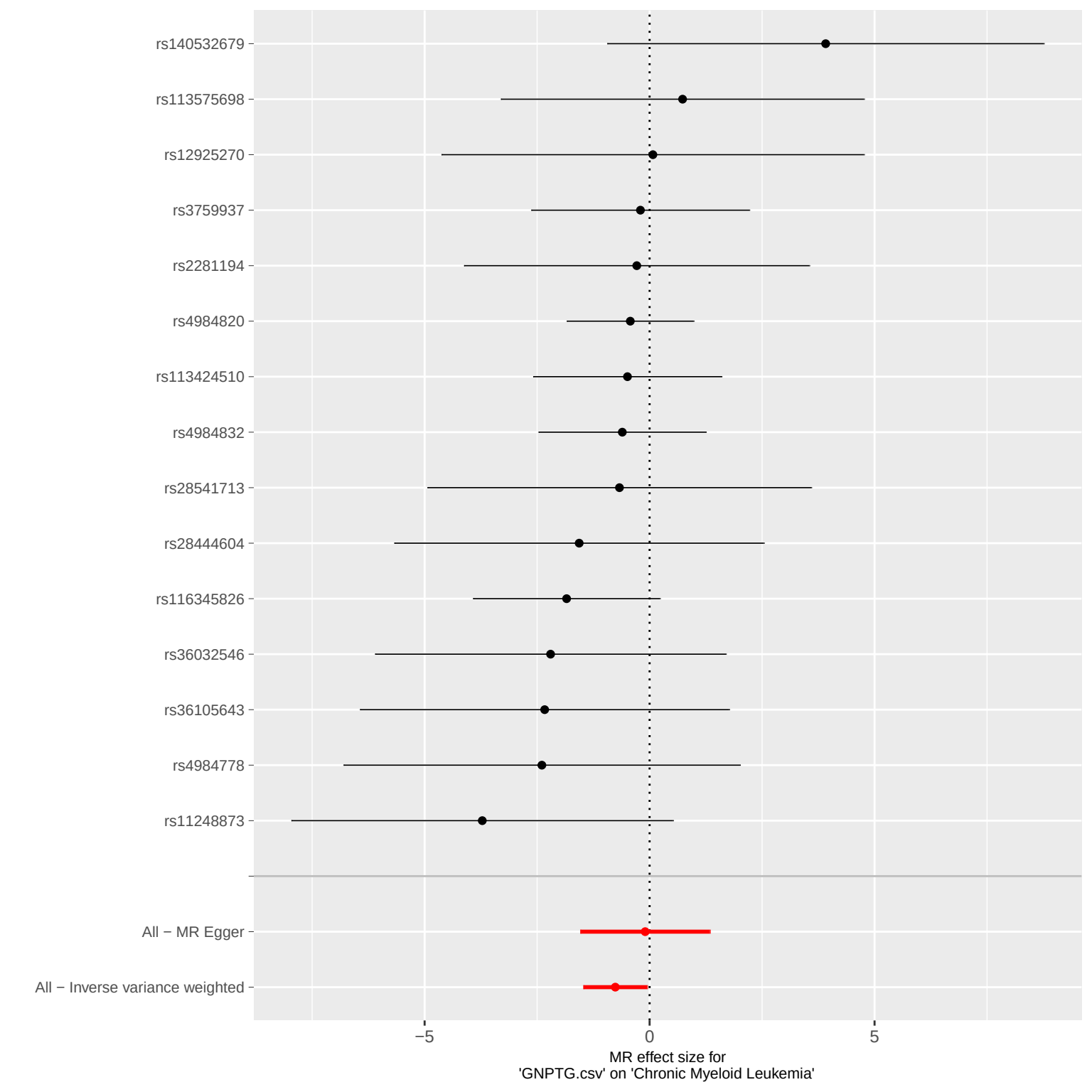
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All − Inverse variance weighted
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MR effect size for
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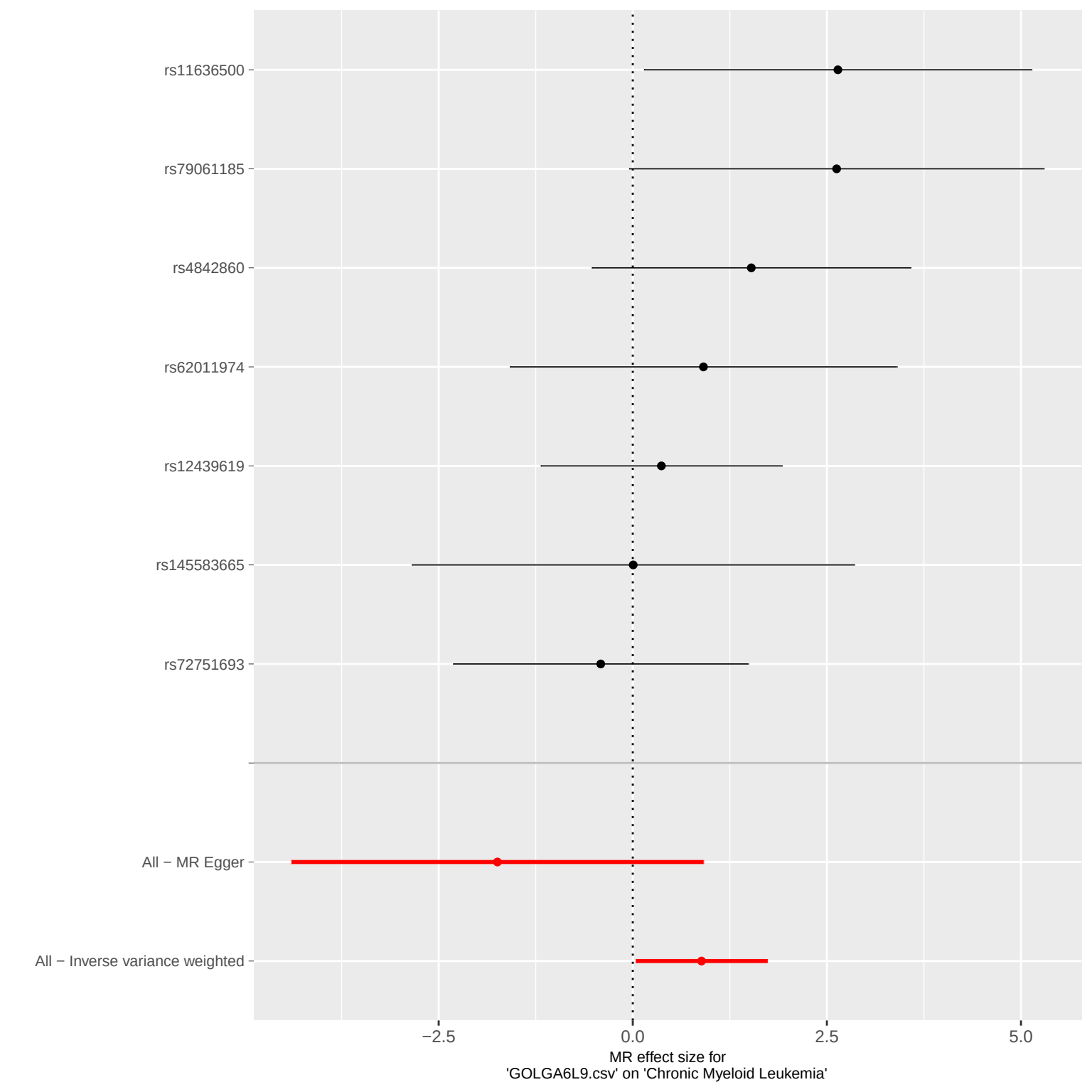
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All − MR Egger
All − Inverse variance weighted
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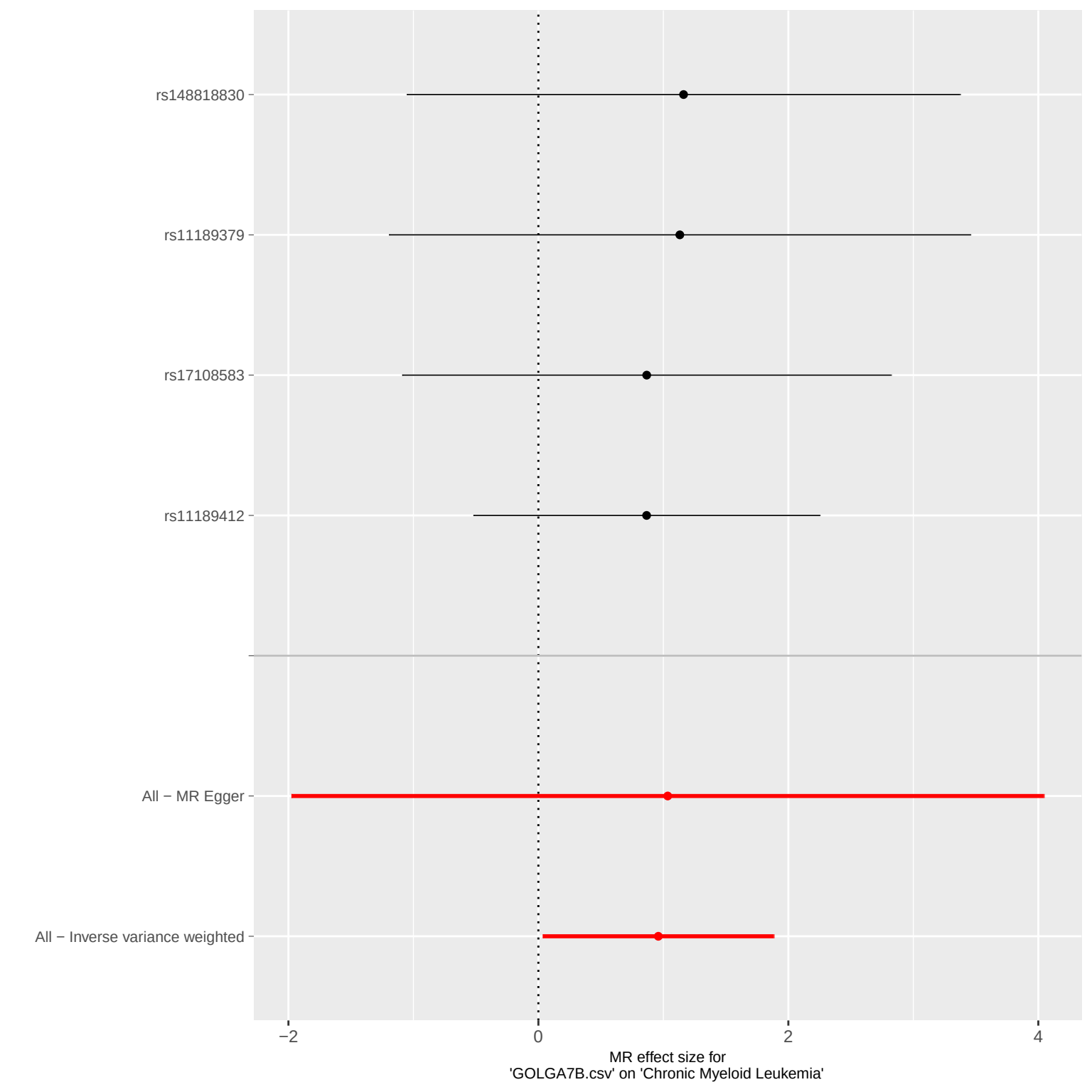
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All − MR Egger
All − Inverse variance weighted
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0
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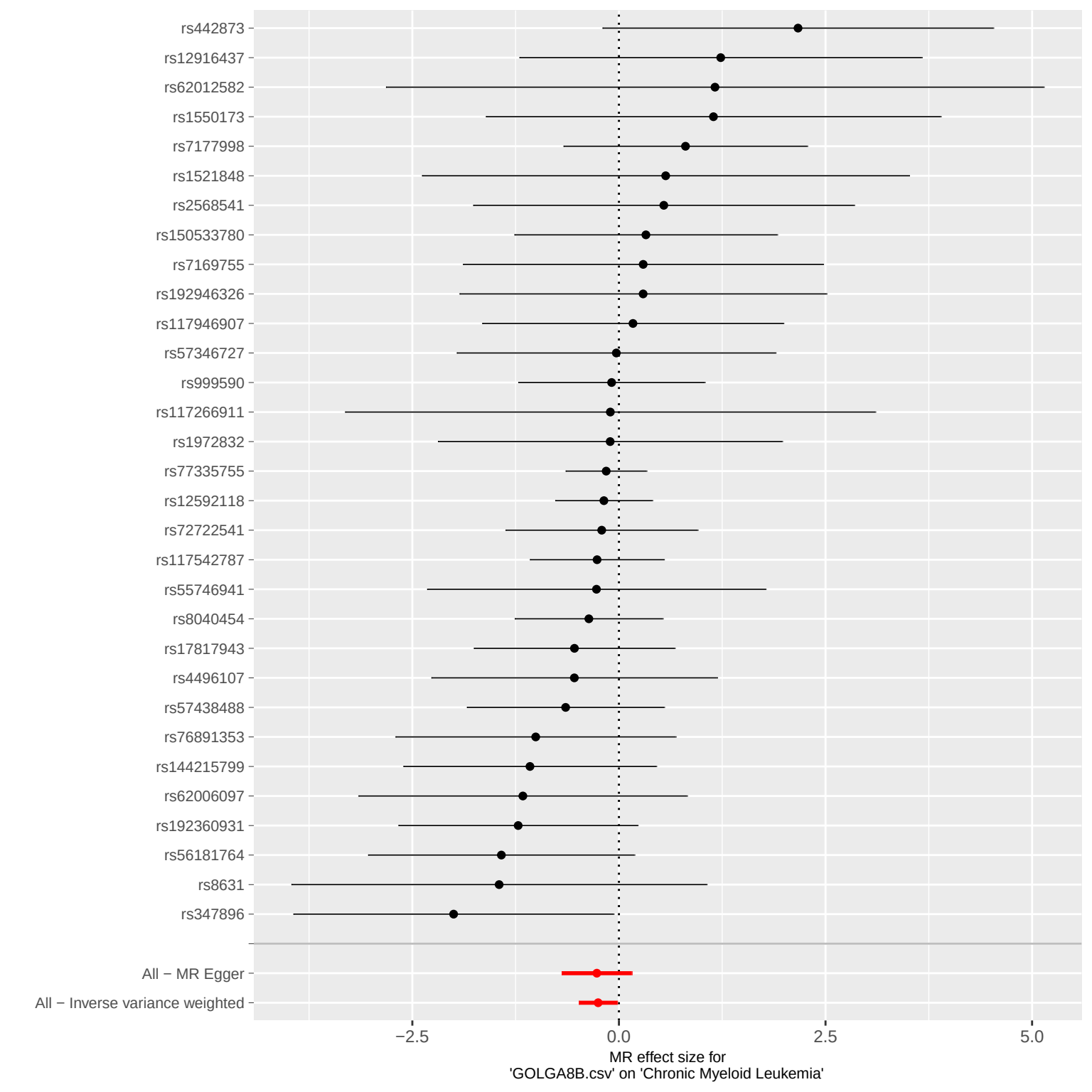
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All − MR Egger
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2.5
5.0
MR effect size for
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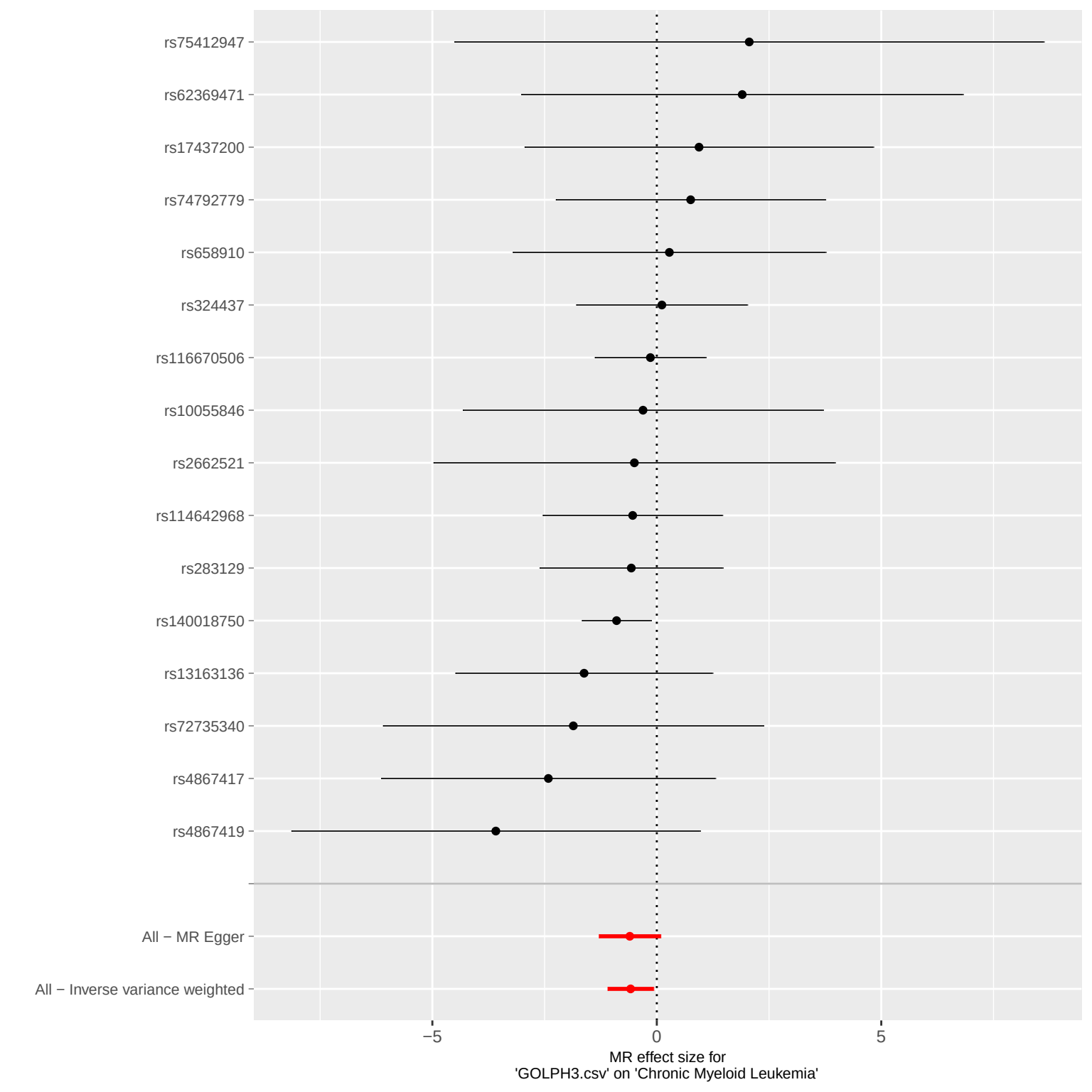
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All − Inverse variance weighted
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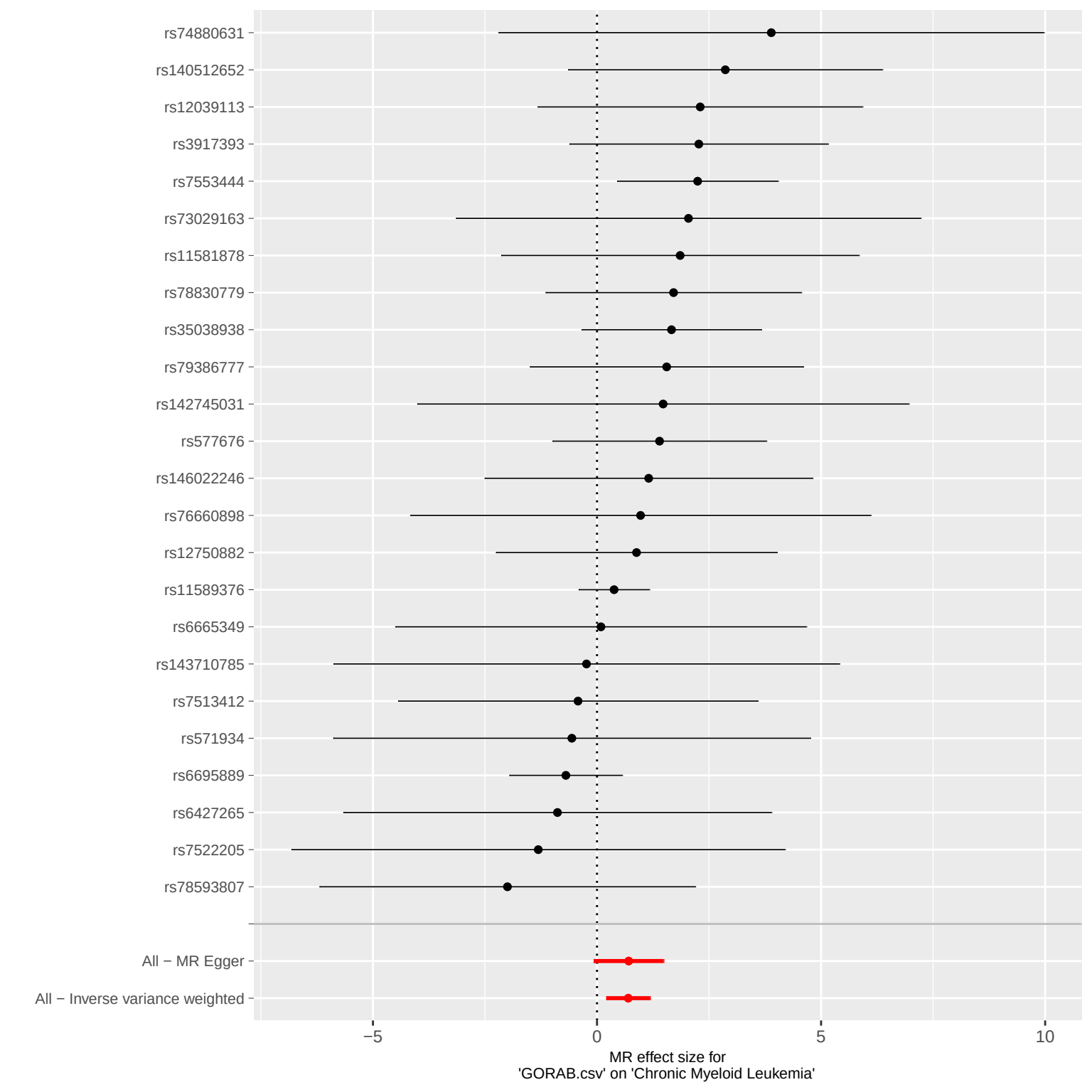
MR effect size for
'GOLPH3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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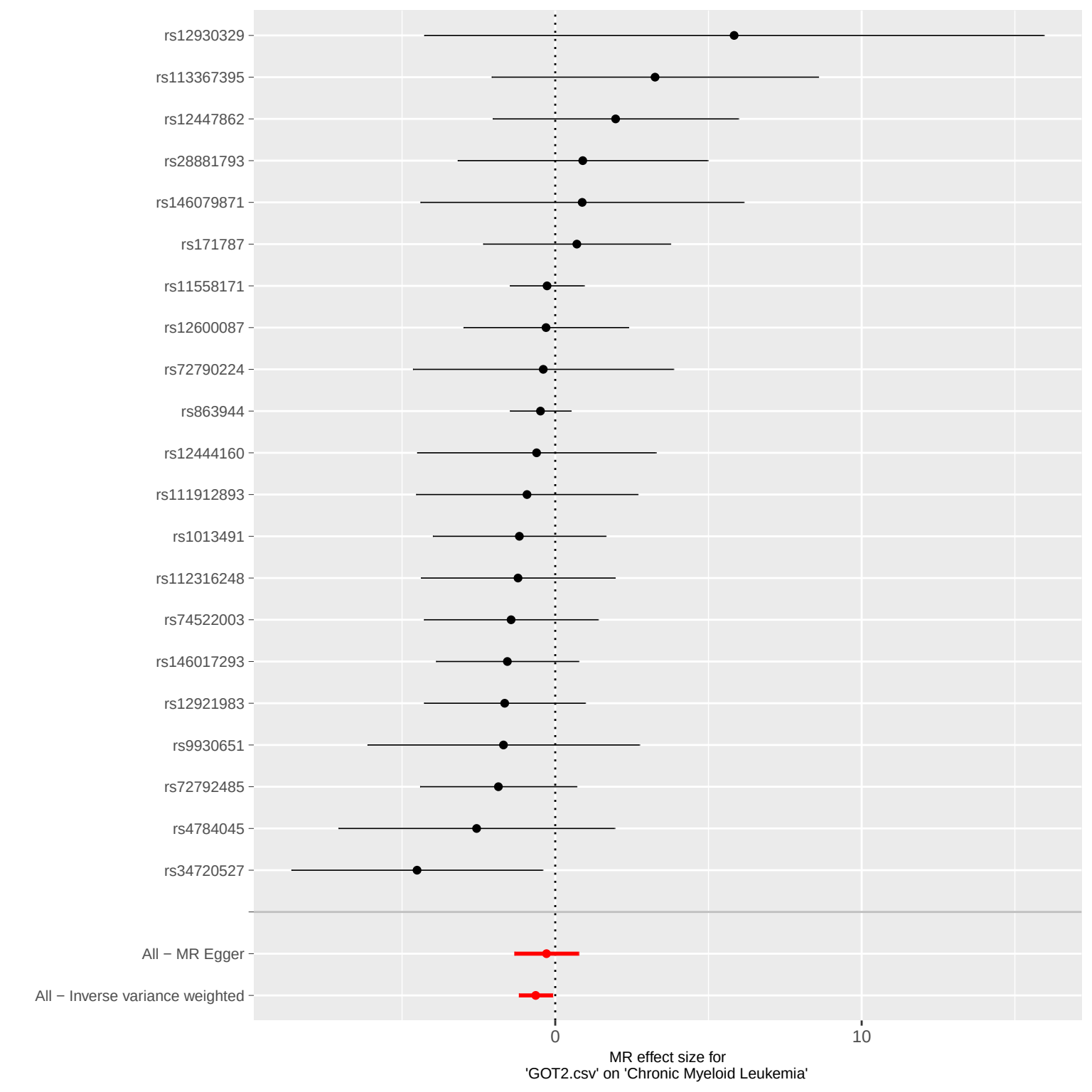
MR effect size for
'GORAB.csv' on 'Chronic Myeloid Leukemia'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rs146017293
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rs72792485
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All − MR Egger
All − Inverse variance weighted
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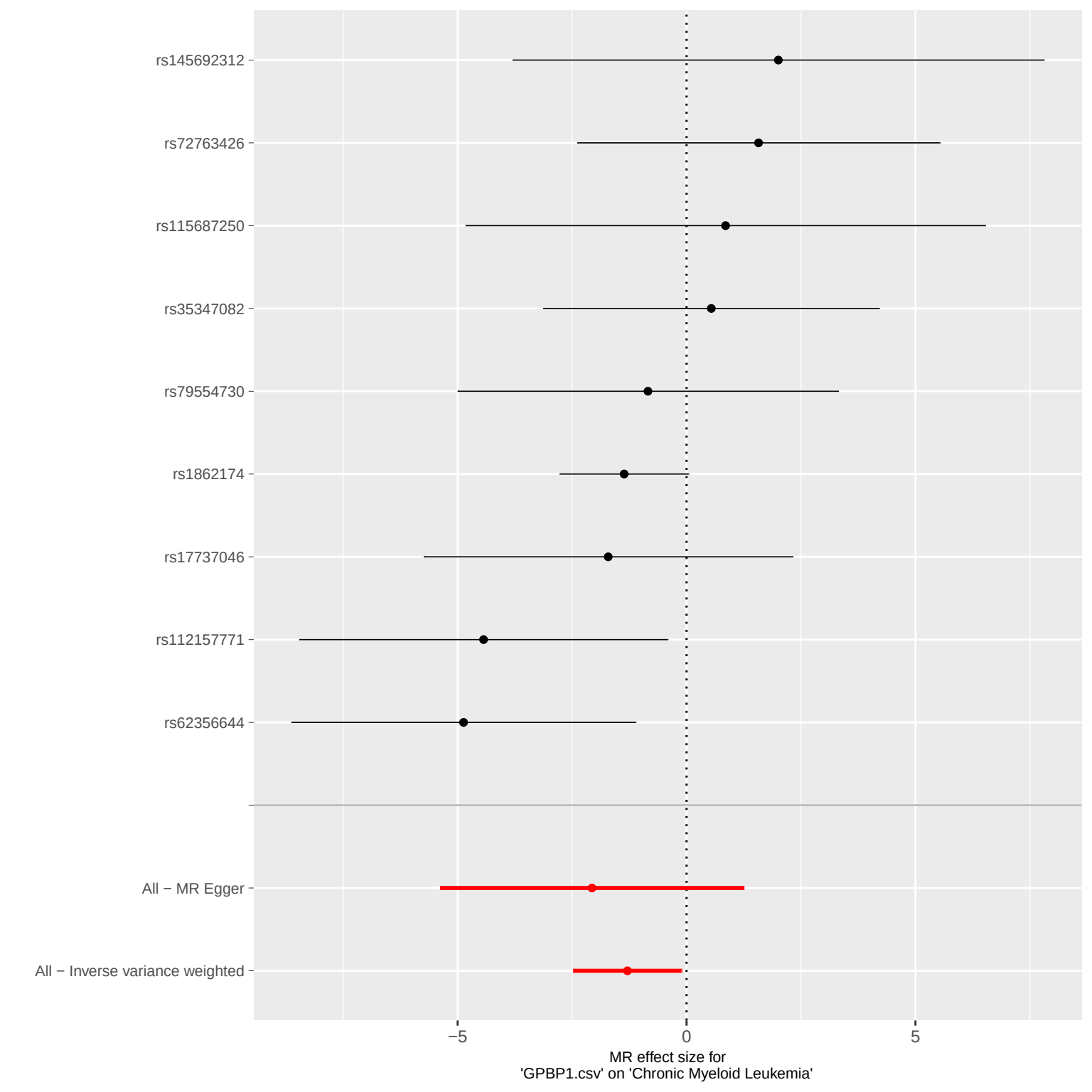
10
MR effect size for
'GOT2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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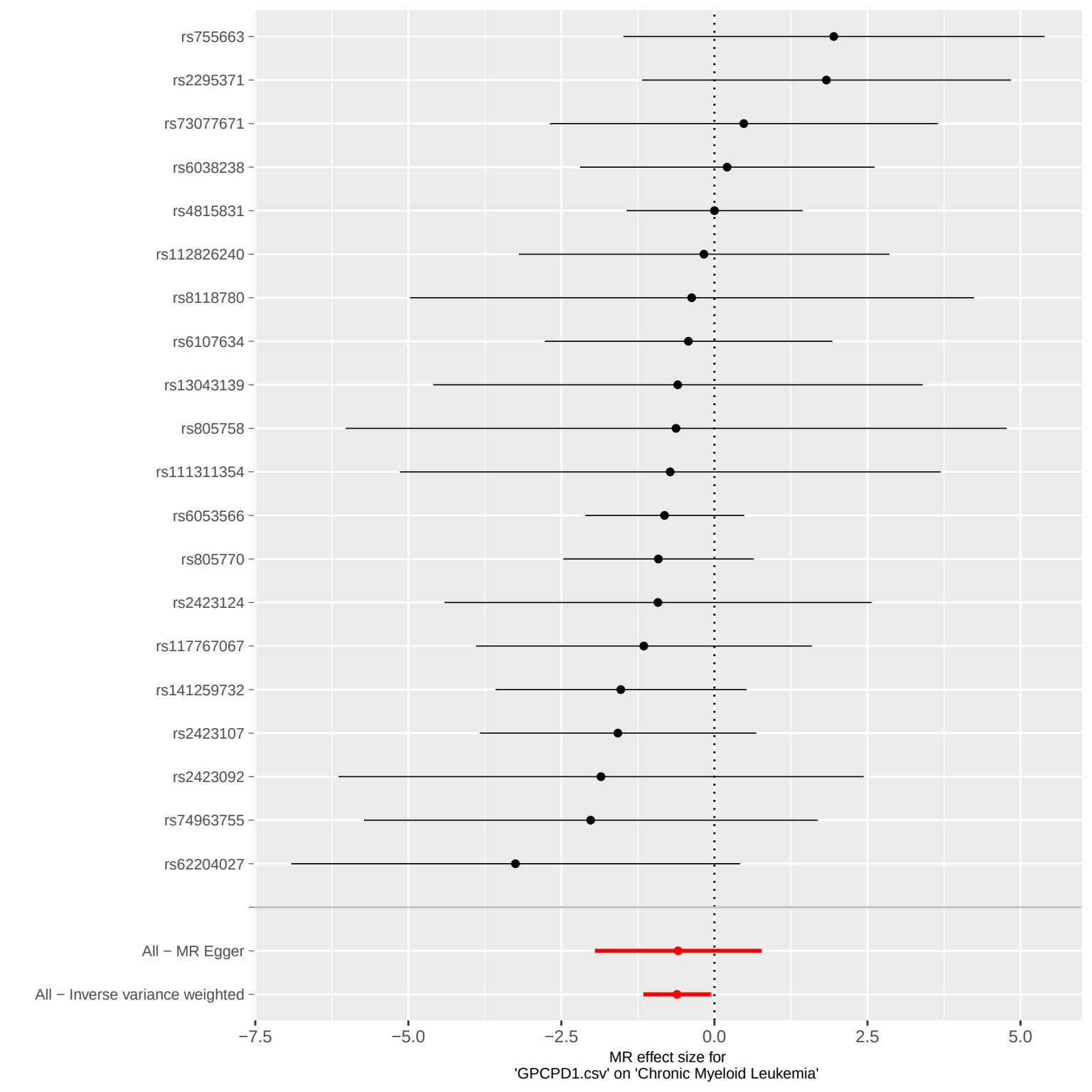
5
MR effect size for
'GPBP1.csv' on 'Chronic Myeloid Leukemia'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rs2423092
rs74963755
rs62204027
All − MR Egger
All − Inverse variance weighted
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−2.5
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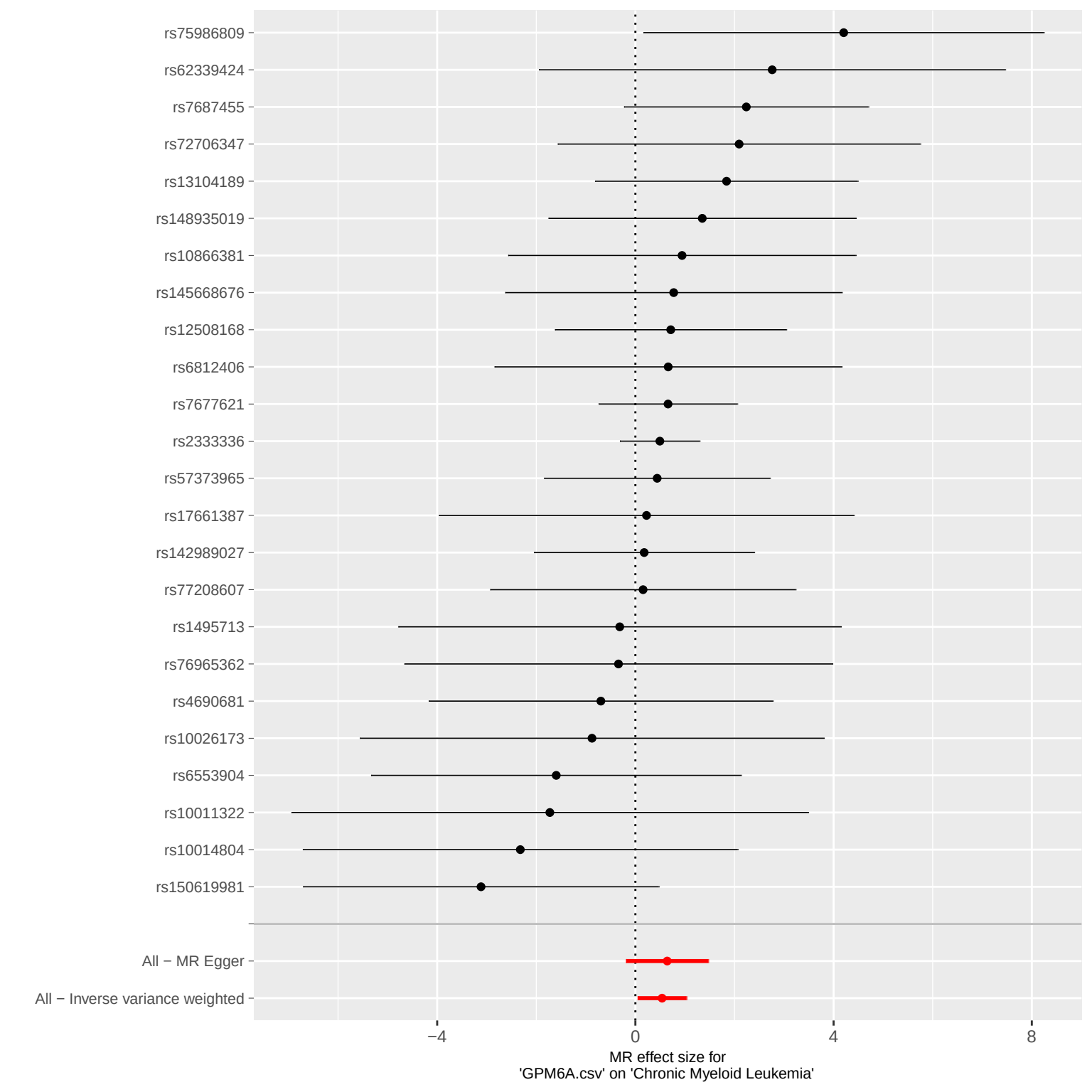
2.5
5.0
MR effect size for
'GPCPD1.csv' on 'Chronic Myeloid Leukemia'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rs4690681
rs10026173
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All − MR Egger
All − Inverse variance weighted
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4
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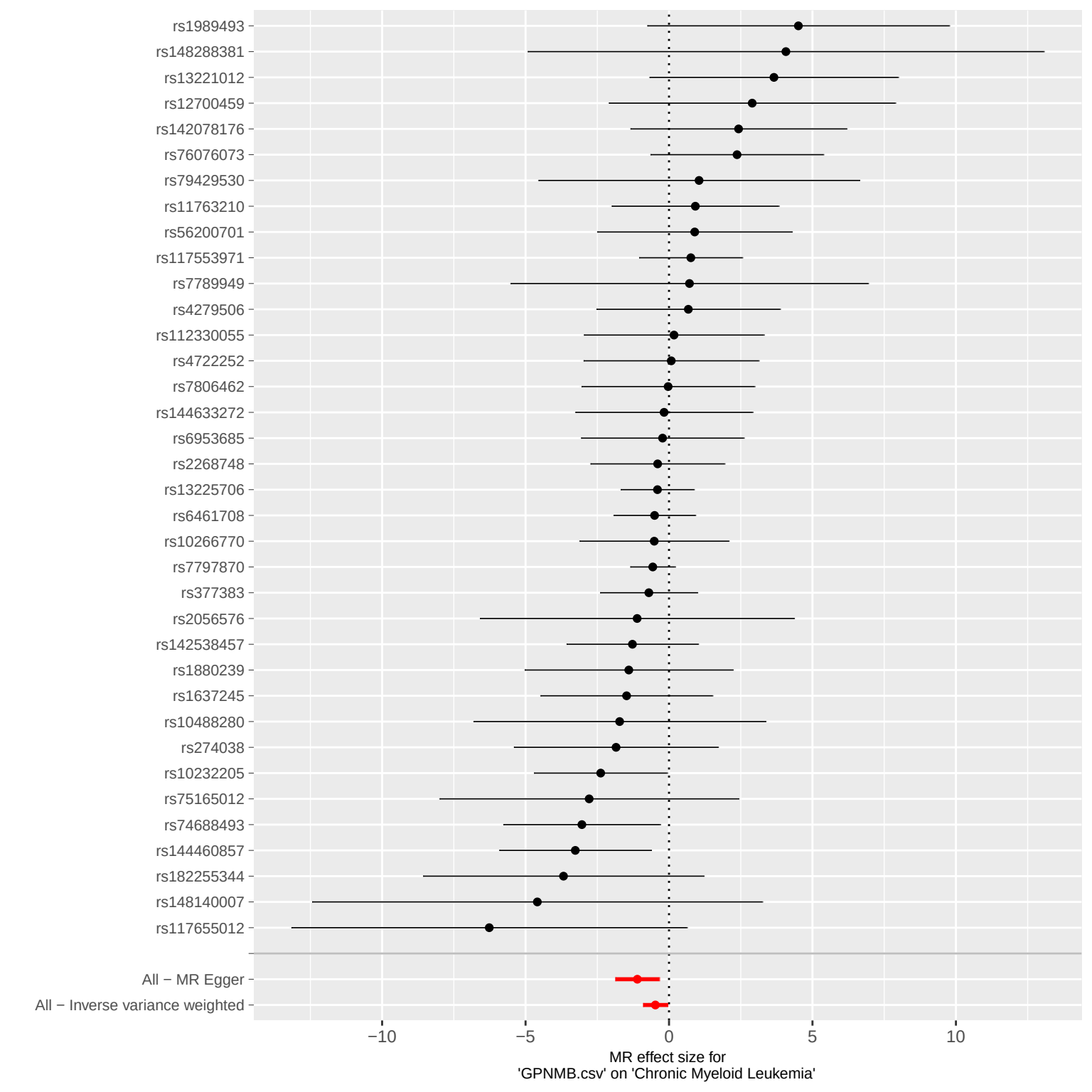
MR effect size for
'GPM6A.csv' on 'Chronic Myeloid Leukemia'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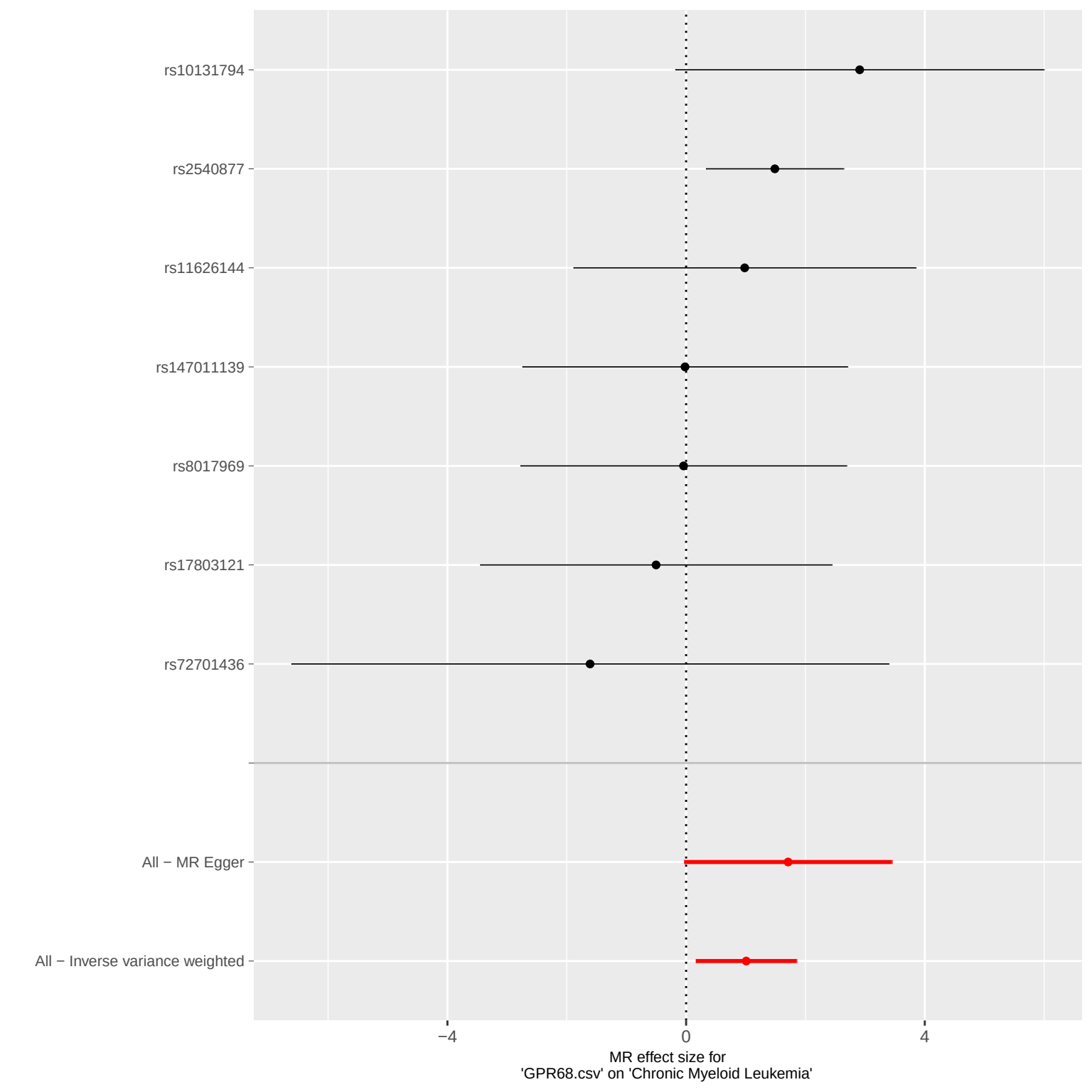
rs274038
rs10232205
rs75165012
rs74688493
rs144460857
rs182255344
rs148140007
rs117655012
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'GPNMB.csv' on 'Chronic Myeloid Leukemia'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rs8017969
rs17803121
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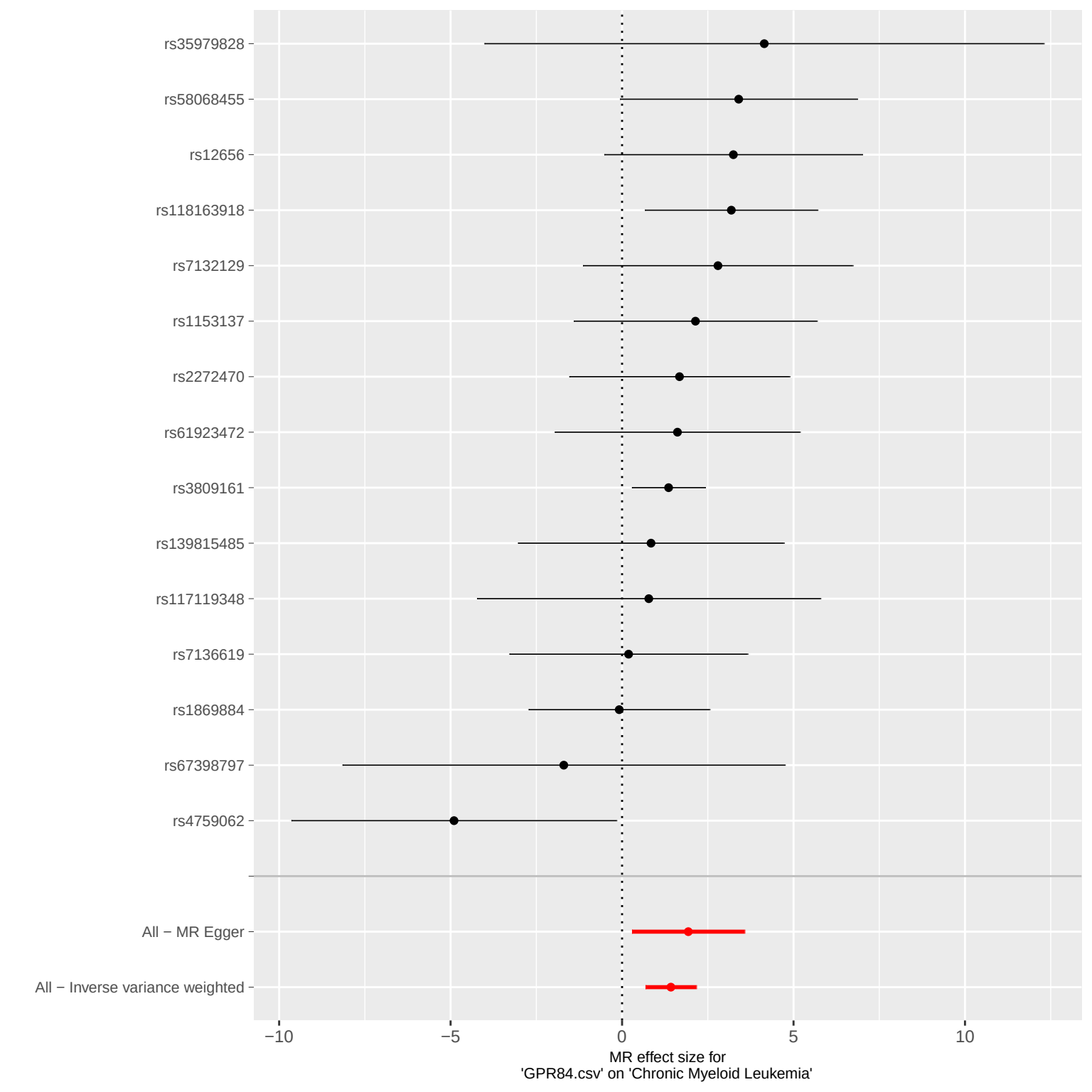
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'GPR68.csv' on 'Chronic Myeloid Leukemia'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rs117119348
rs7136619
rs1869884
rs67398797
rs4759062
All − MR Egger
All − Inverse variance weighted
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−5
0
5
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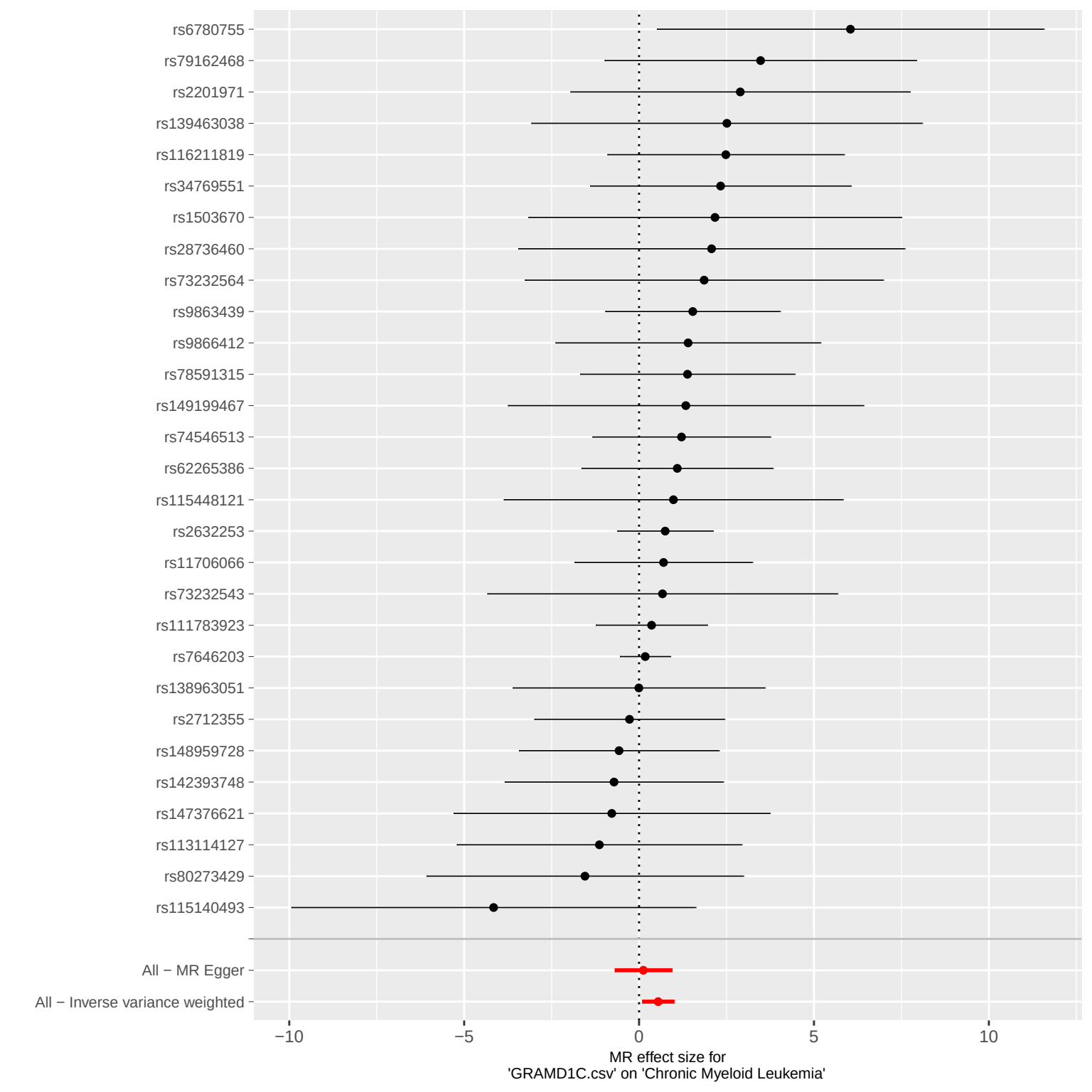
MR effect size for
'GPR84.csv' on 'Chronic Myeloid Leukemia'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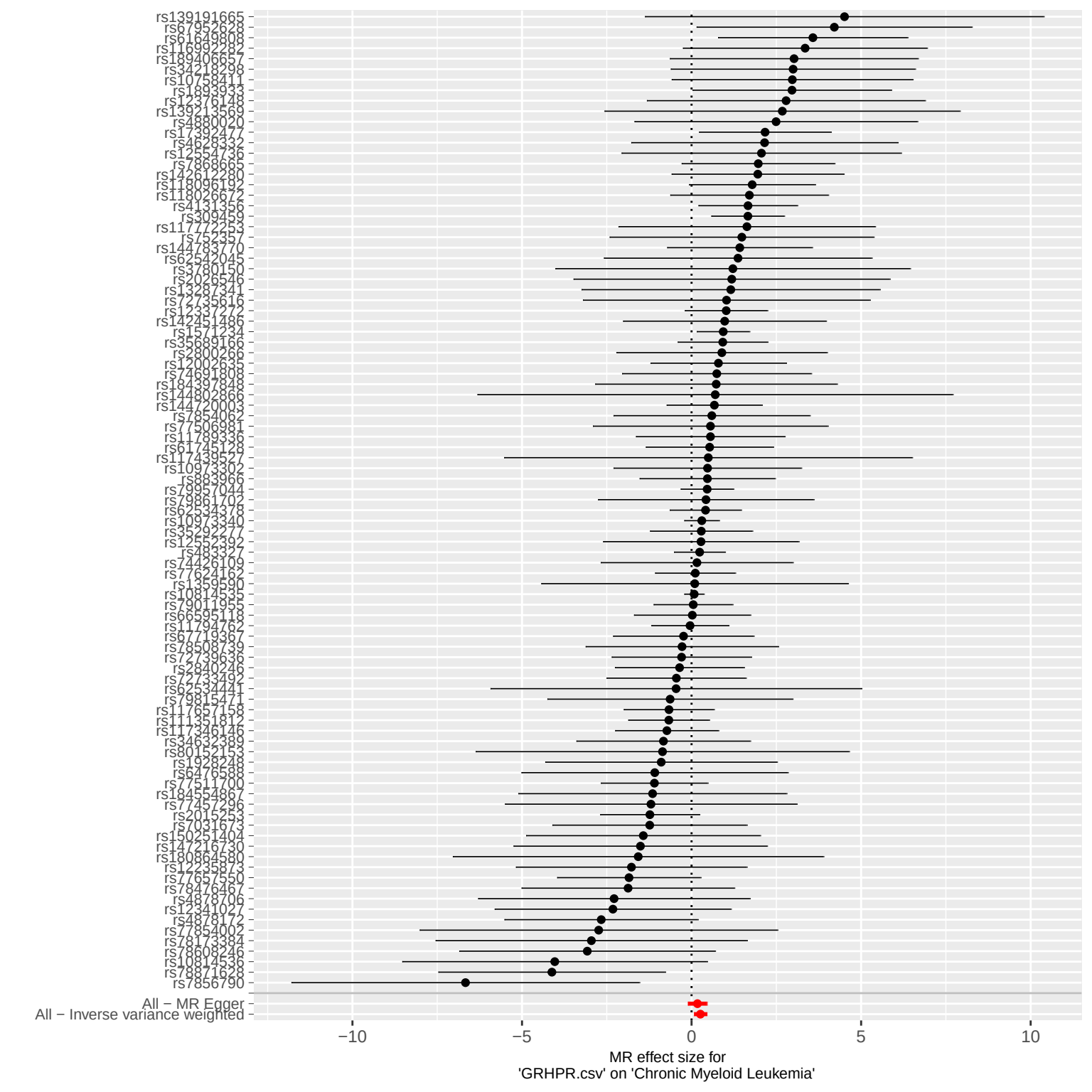
rs9866412
rs78591315
rs149199467
rs74546513
rs62265386
rs115448121
rs2632253
rs11706066
rs73232543
rs111783923
rs7646203
rs138963051
rs2712355
rs148959728
rs142393748
rs147376621
rs113114127
rs80273429
rs115140493
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'GRAMD1C.csv' on 'Chronic Myeloid Leukemia'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rs78476467
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rs12341027
rs4878172
rs77854002
rs78173384
rs78608246
rs10814536
rs78871628
rs7856790
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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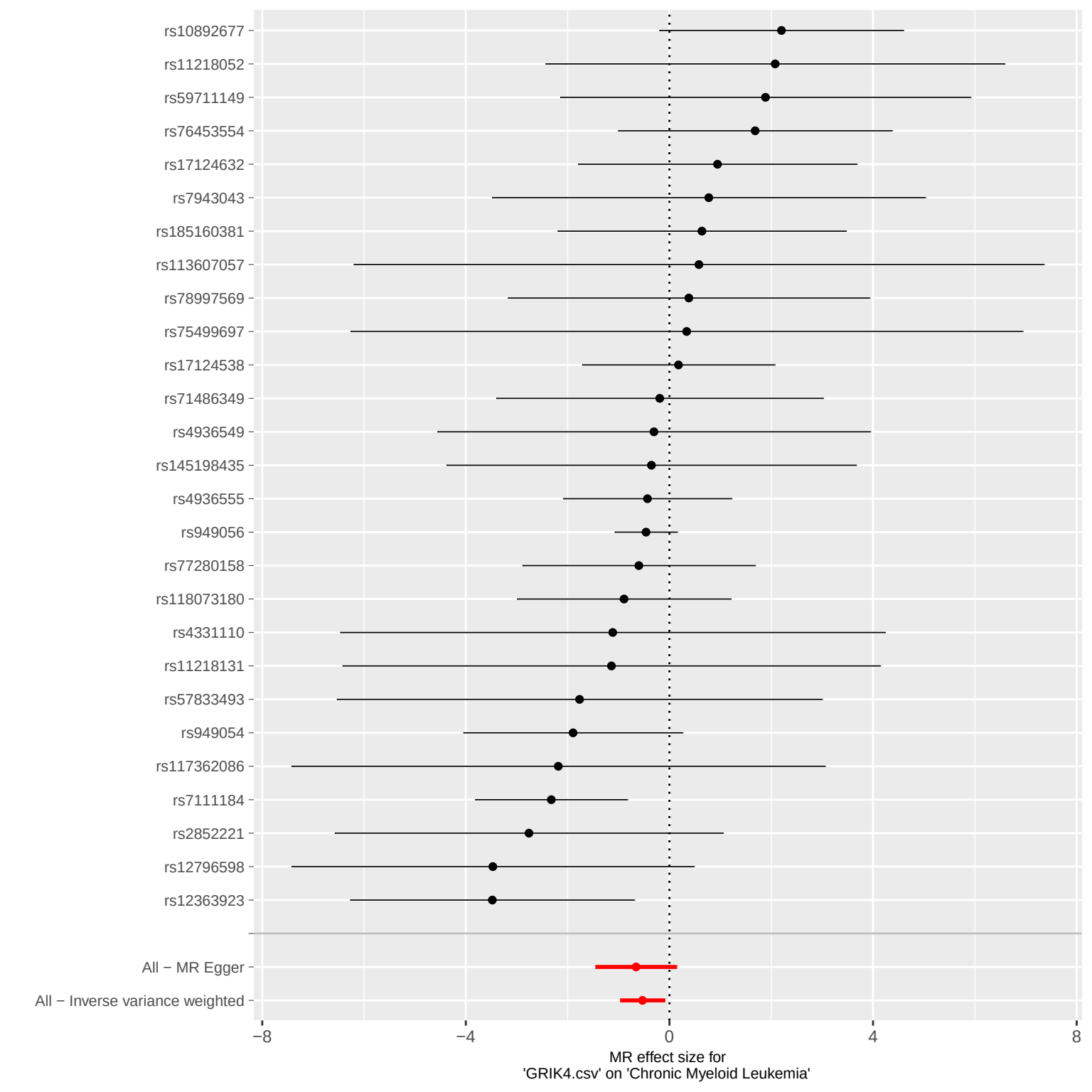
10
MR effect size for
'GRHPR.csv' on 'Chronic Myeloid Leukemia'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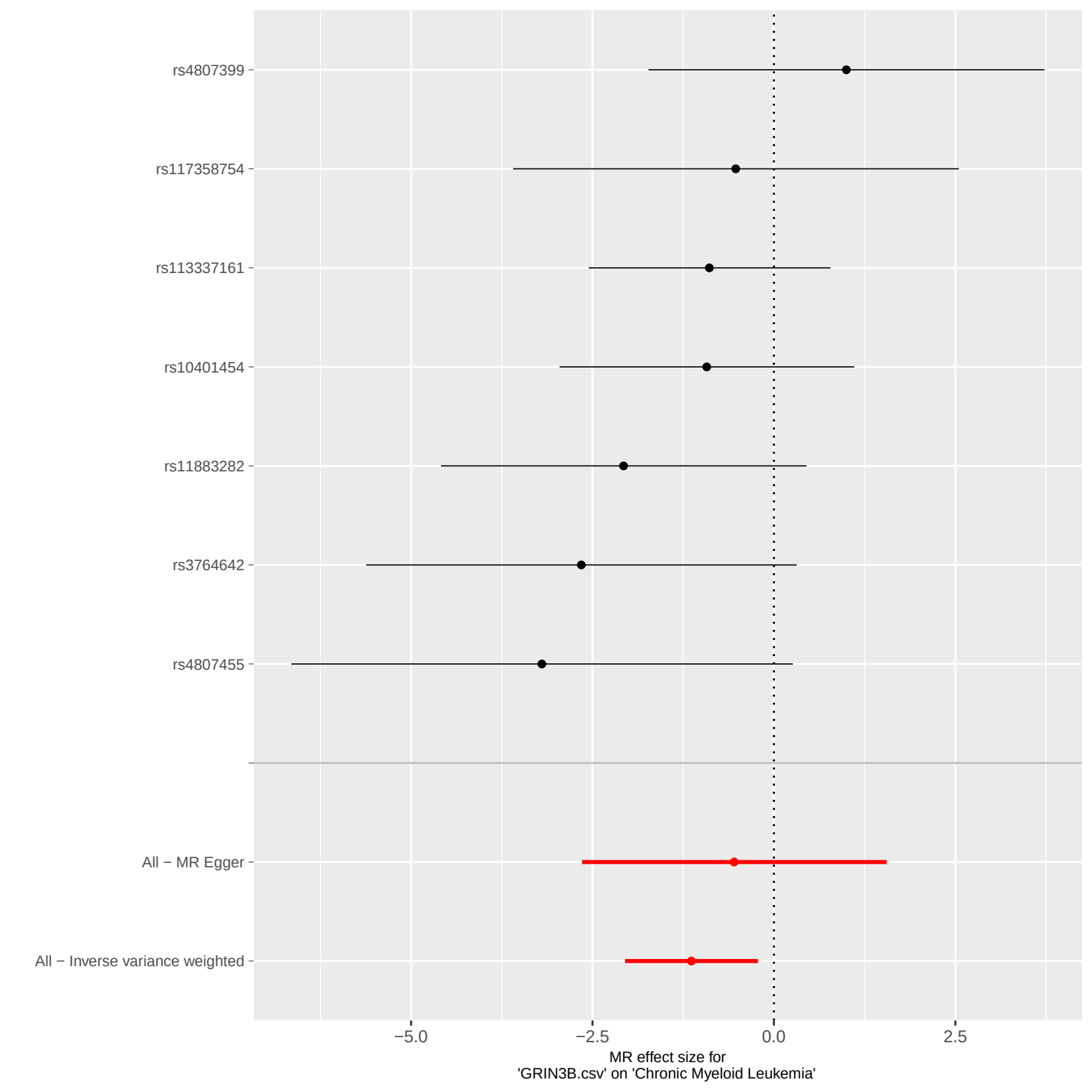
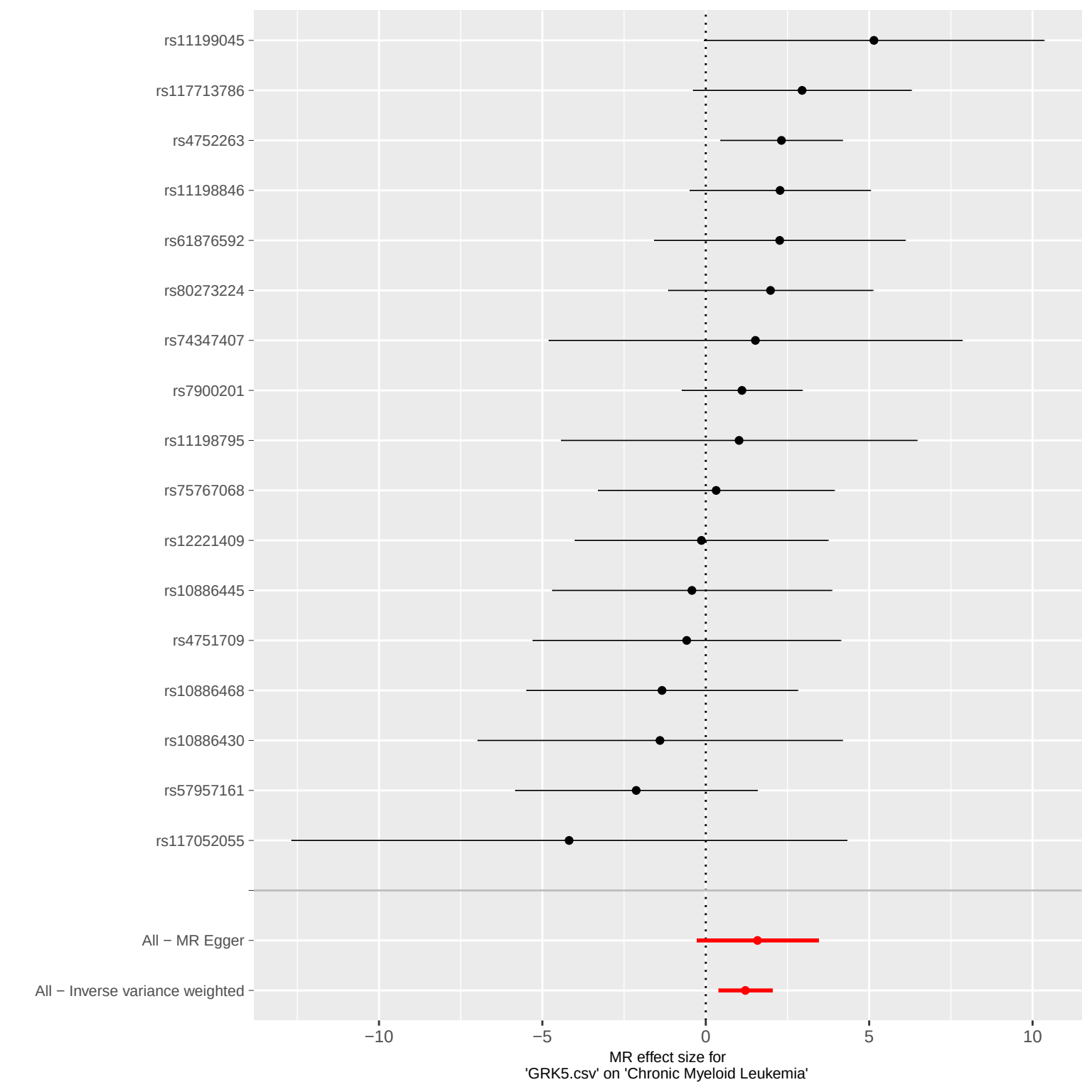
rs118073180
rs4331110
rs11218131
rs57833493
rs949054
rs117362086
rs7111184
rs2852221
rs12796598
rs12363923
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'GRIK4.csv' on 'Chronic Myeloid Leukemia'


rs4807399
rs117358754
rs113337161
rs10401454
rs11883282
rs3764642
rs4807455
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'GRIN3B.csv' on 'Chronic Myeloid Leukemia'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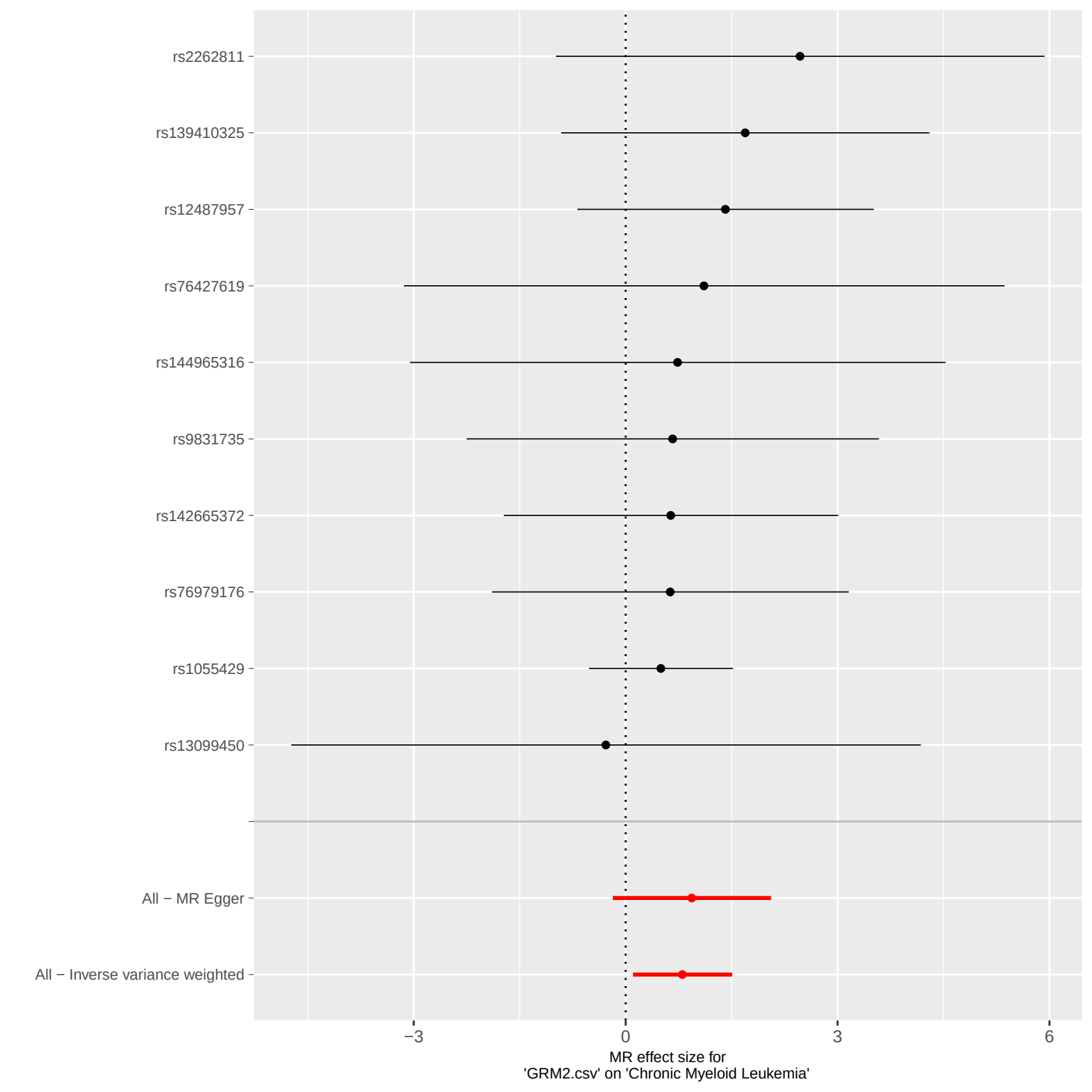
rs10886445
rs4751709
rs10886468
rs10886430
rs57957161
rs117052055
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'GRK5.csv' on 'Chronic Myeloid Leukemia'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rs76427619
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rs9831735
rs142665372
rs76979176
rs1055429
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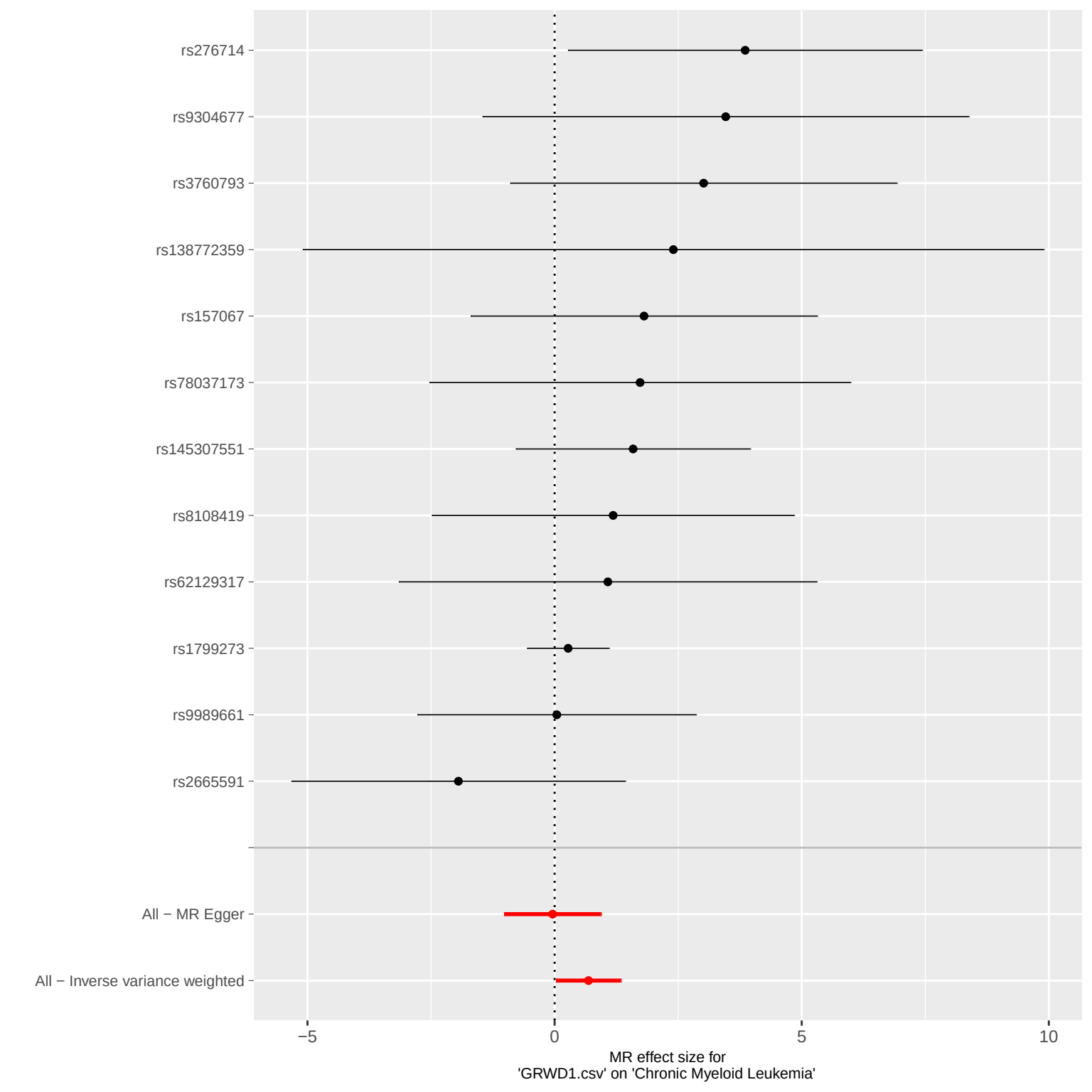
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'GRM2.csv' on 'Chronic Myeloid Leukemia'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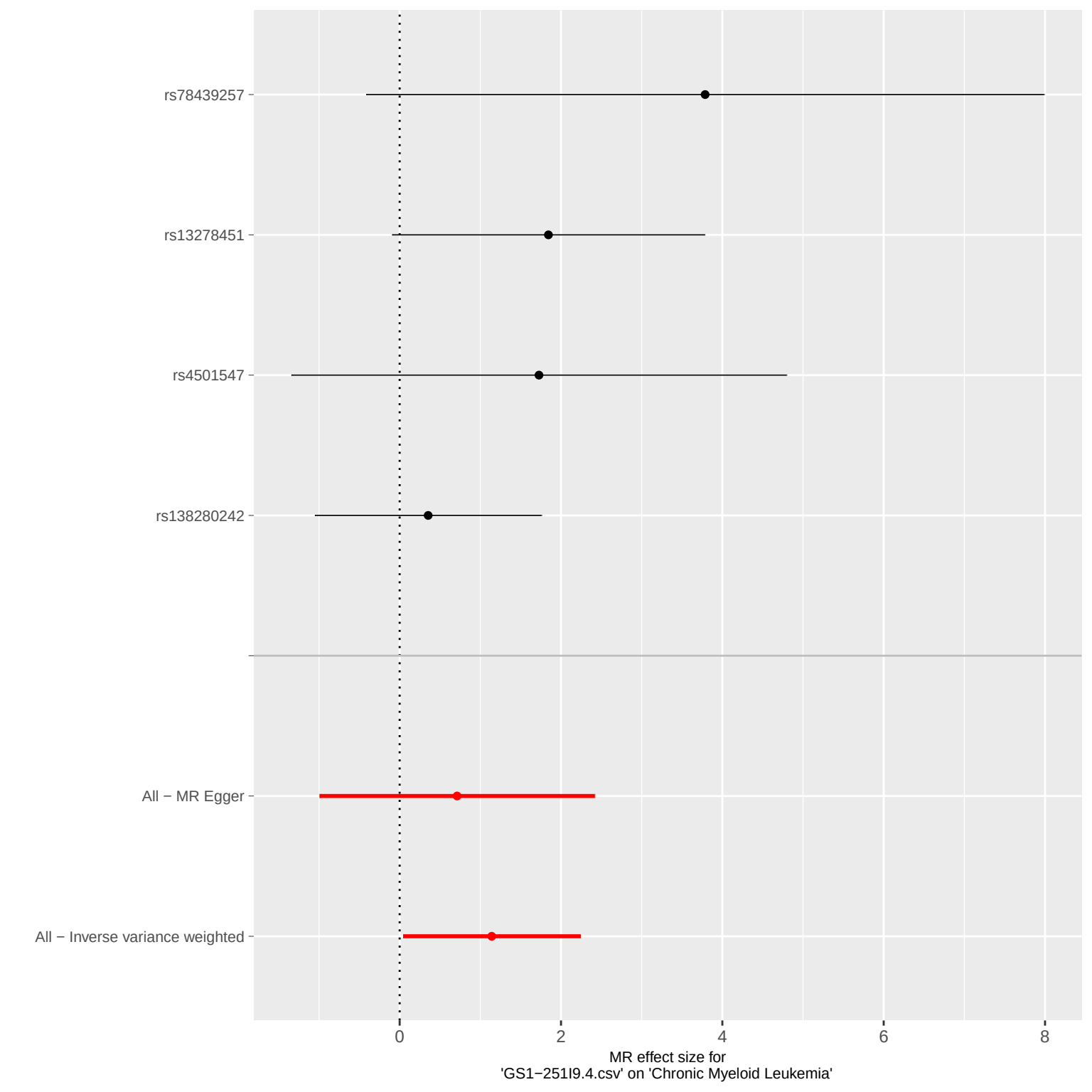
rs3760793
rs138772359
rs157067
rs78037173
rs145307551
rs8108419
rs62129317
rs1799273
rs9989661
rs2665591
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GRWD1.csv' on 'Chronic Myeloid Leukemia'


rs78439257
rs13278451
rs4501547
rs138280242
All − MR Egger
All − Inverse variance weighted
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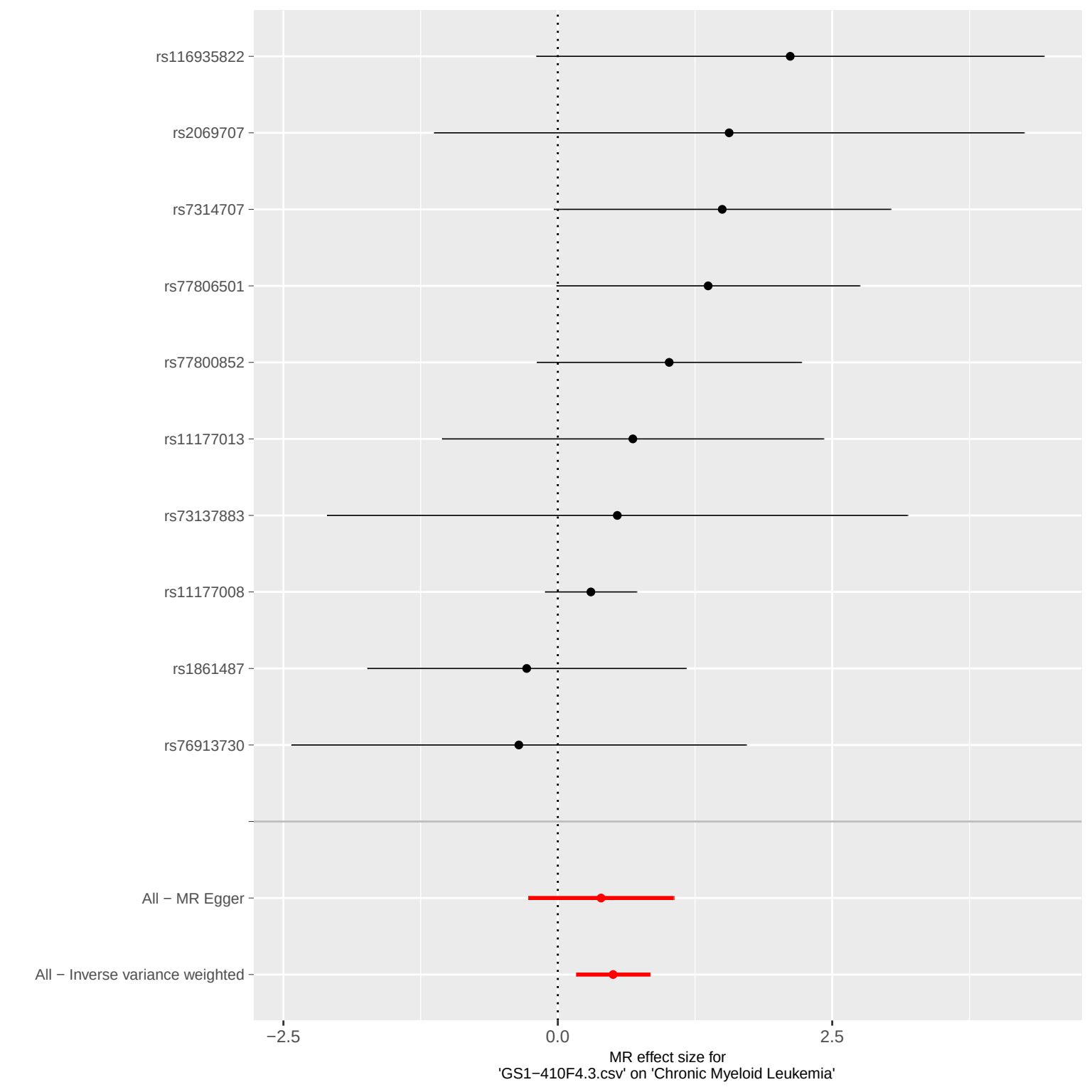
4
6
8
MR effect size for
'GS1−251I9.4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−2.5
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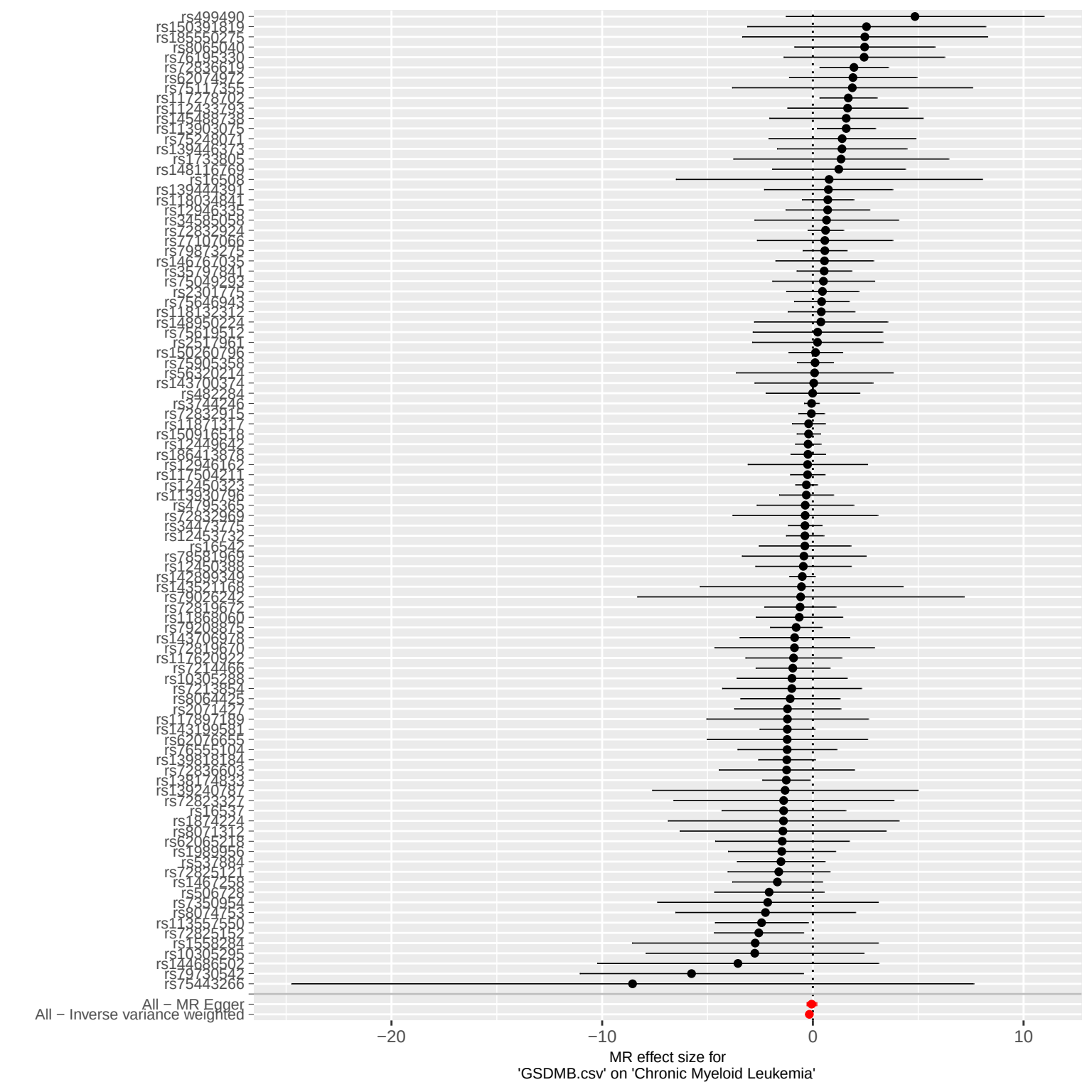
2.5
MR effect size for
'GS1−410F4.3.csv' on 'Chronic Myeloid Leukemia'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rs10305295
rs144682502
rs79036542
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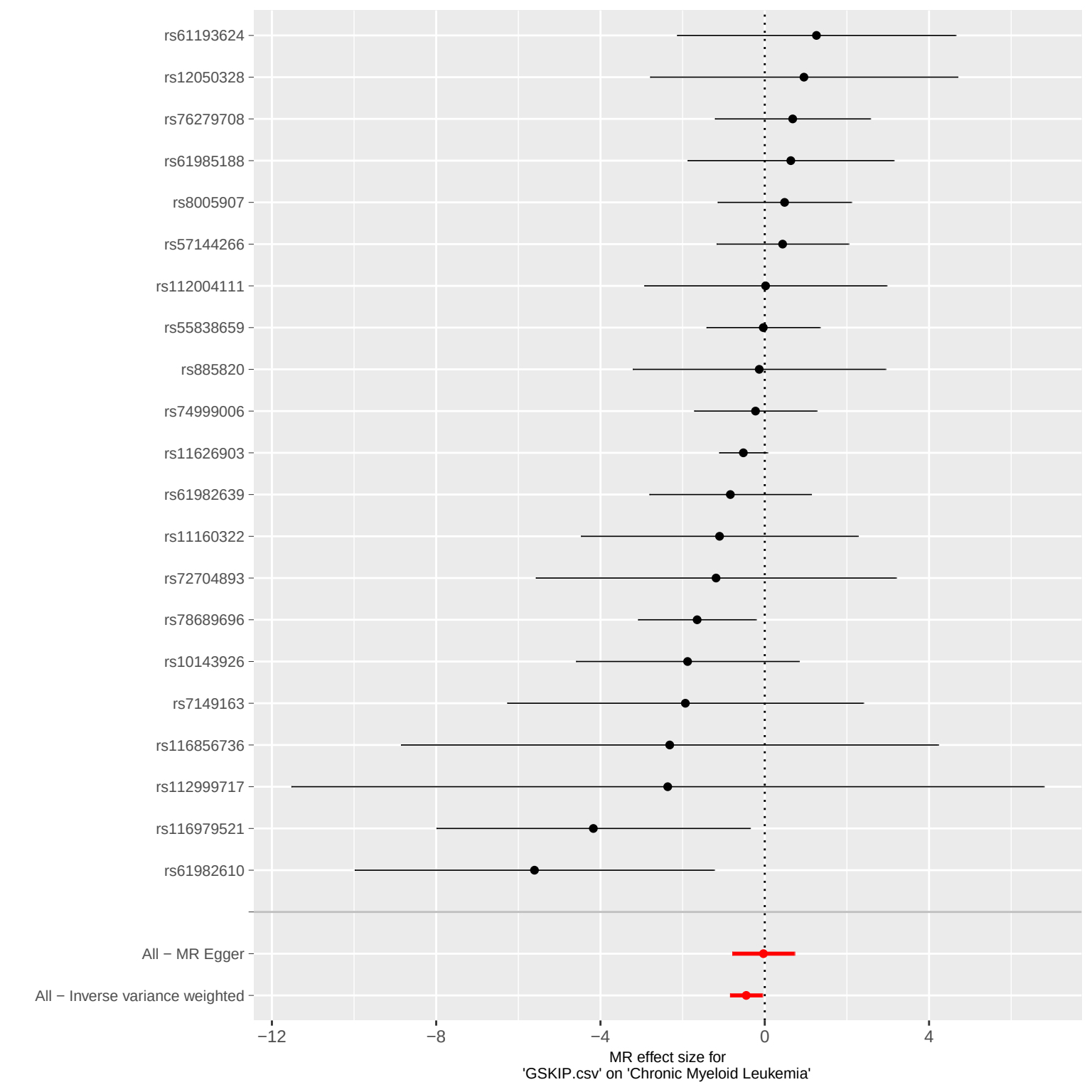
All − MR Egger
All − Inverse variance weighted
−20
−10
0
10
MR effect size for
'GSDMB.csv' on 'Chronic Myeloid Leukemia'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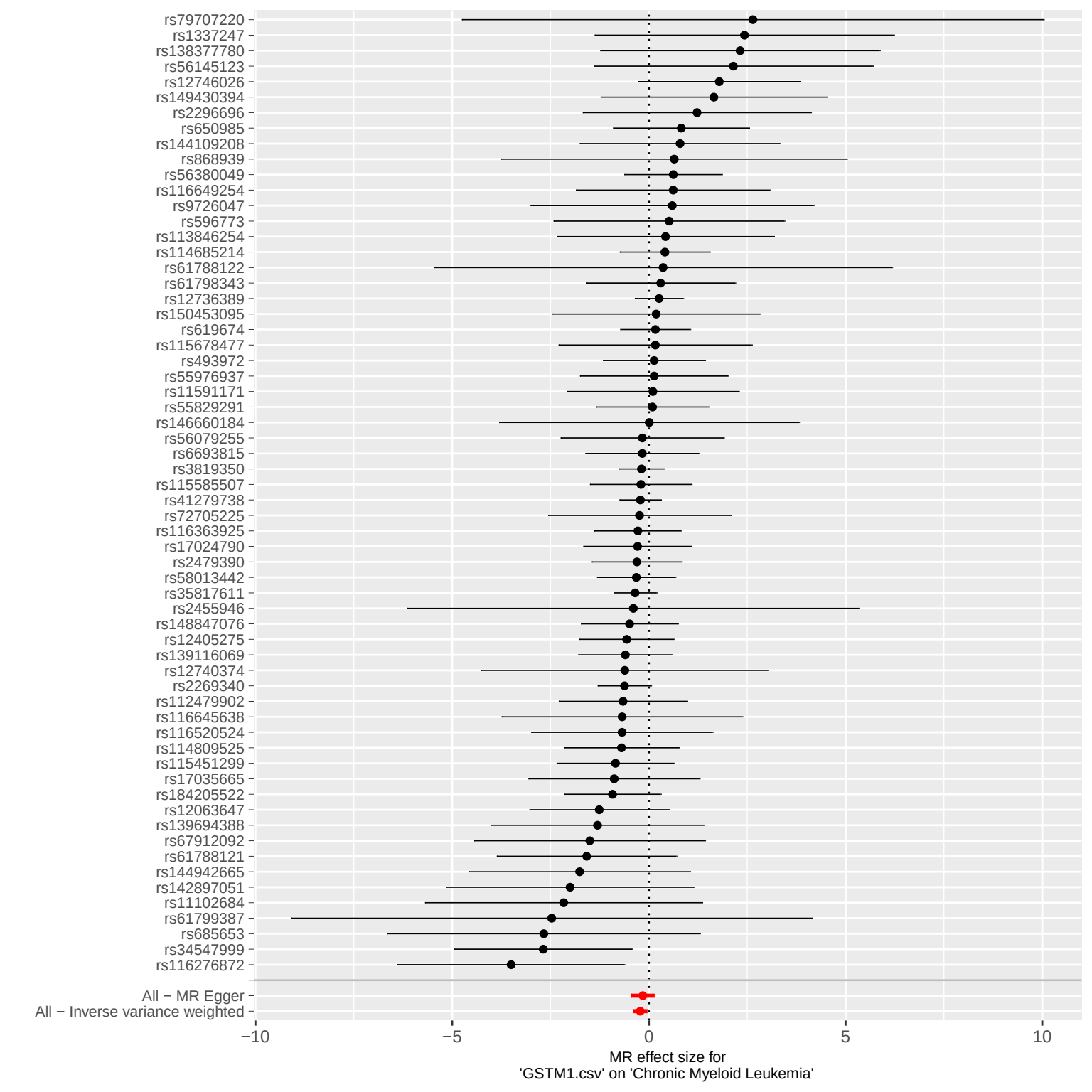
rs11160322
rs72704893
rs78689696
rs10143926
rs7149163
rs116856736
rs112999717
rs116979521
rs61982610
All − MR Egger
All − Inverse variance weighted
−12
−8
−4
0
4
MR effect size for
'GSKIP.csv' on 'Chronic Myeloid Leukemia'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rs61799387
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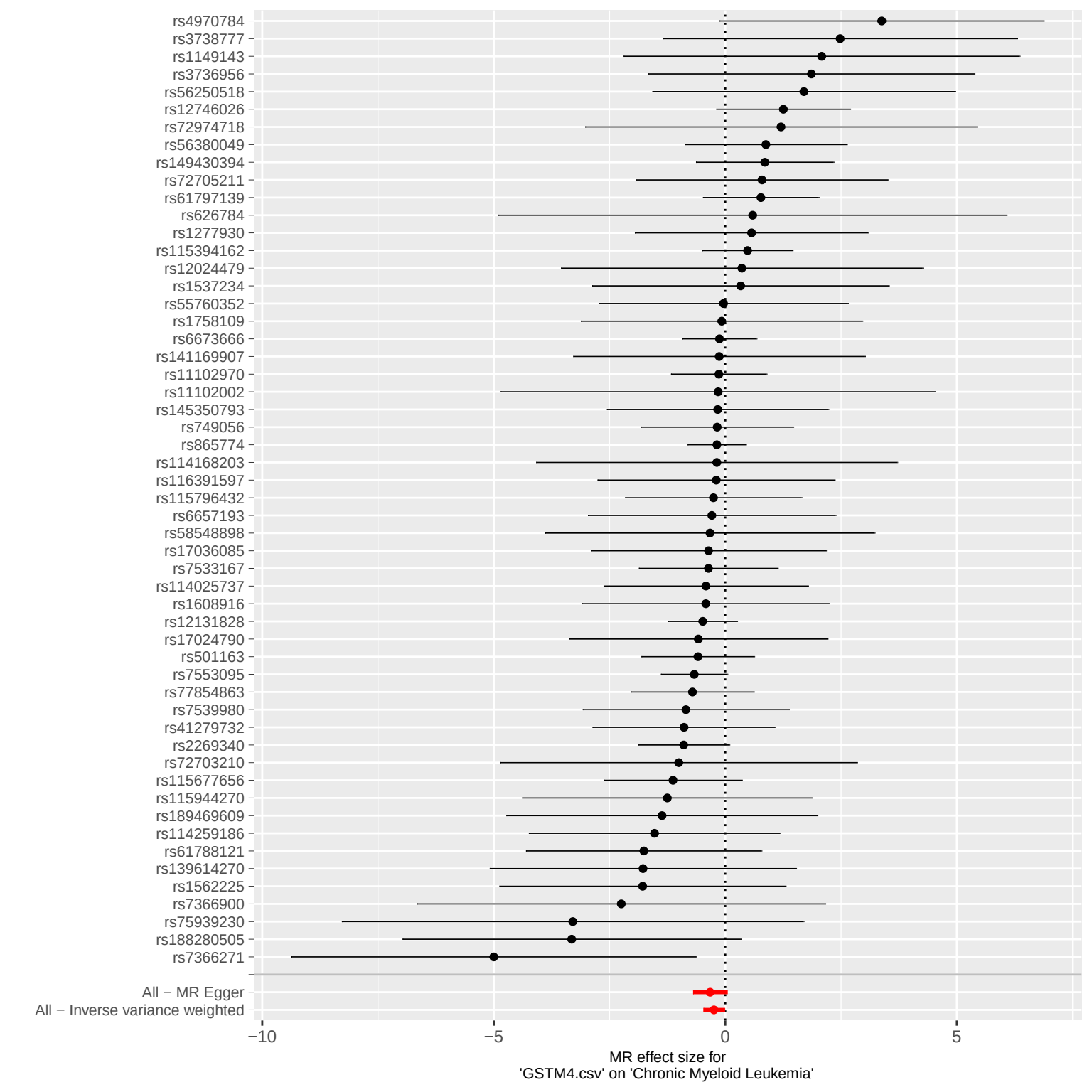
rs116276872
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'GSTM1.csv' on 'Chronic Myeloid Leukemia'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rs75939230
rs188280505
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All − MR Egger
All − Inverse variance weighted
−10
−5
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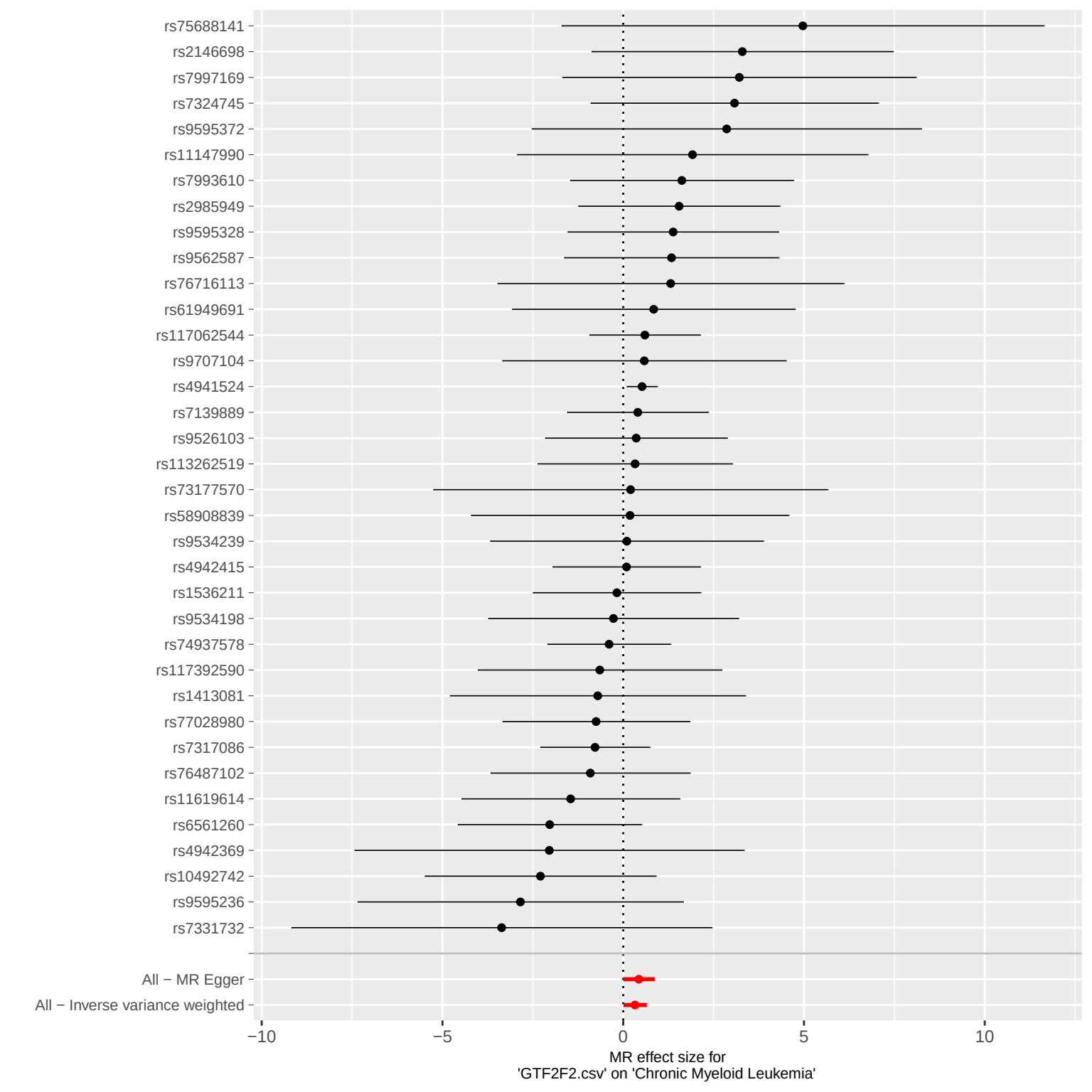
MR effect size for
'GSTM4.csv' on 'Chronic Myeloid Leukemia'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rs9534198
rs74937578
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rs1413081
rs77028980
rs7317086
rs76487102
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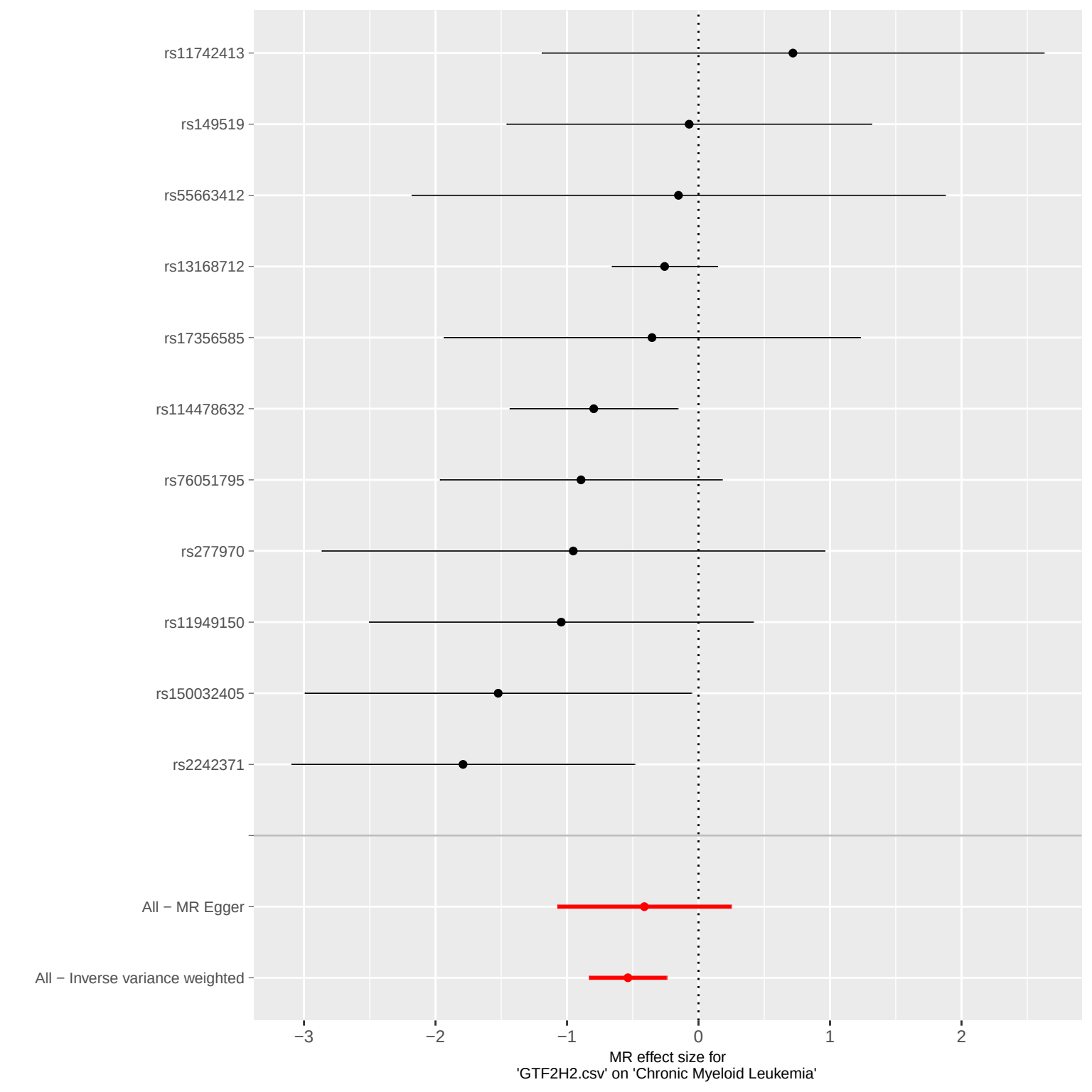
rs6561260
rs4942369
rs10492742
rs9595236
rs7331732
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'GTF2F2.csv' on 'Chronic Myeloid Leukemia'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rs55663412
rs13168712
rs17356585
rs114478632
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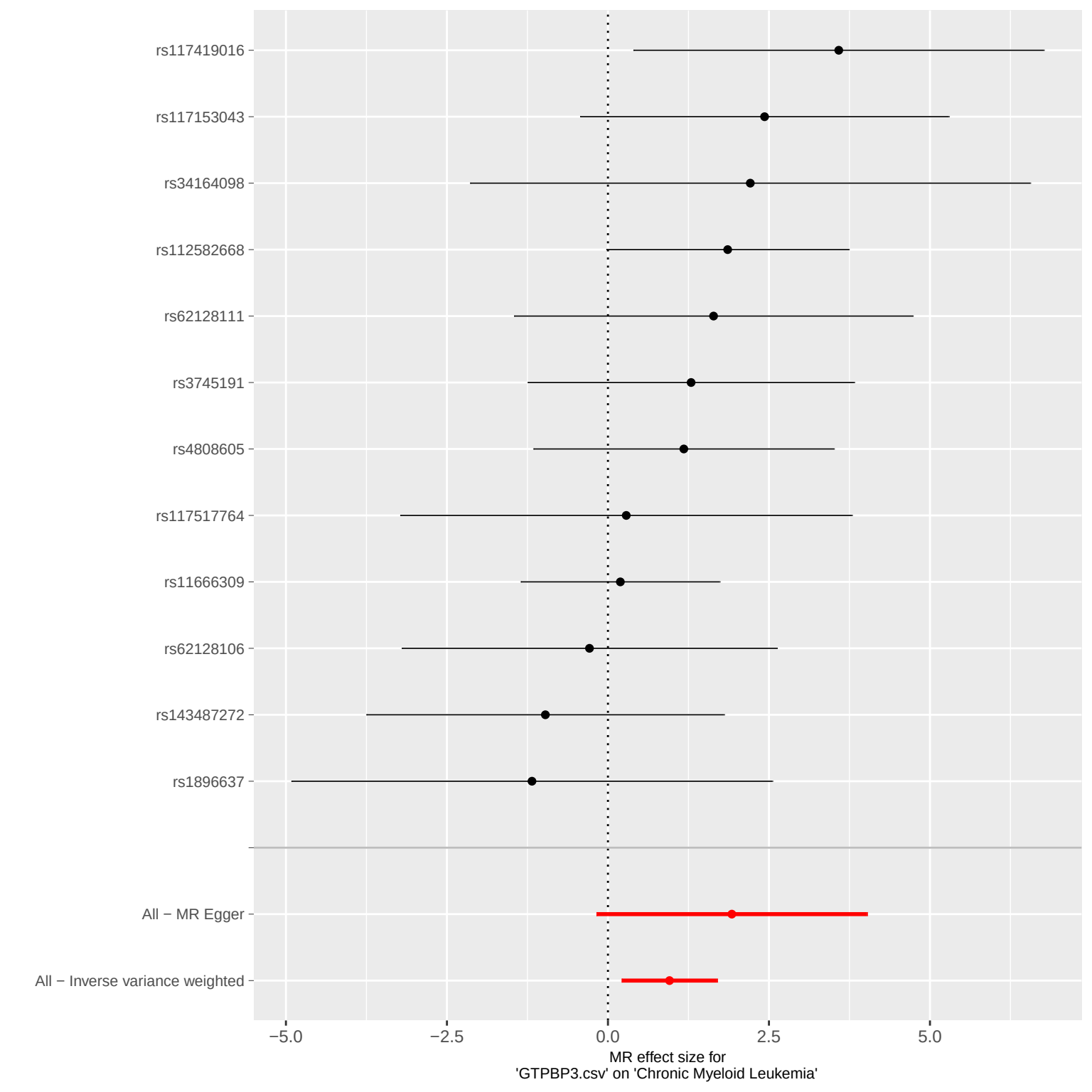
rs277970
rs11949150
rs150032405
rs2242371
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'GTF2H2.csv' on 'Chronic Myeloid Leukemia'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rs62128111
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rs4808605
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rs62128106
rs143487272
rs1896637
All − MR Egger
All − Inverse variance weighted
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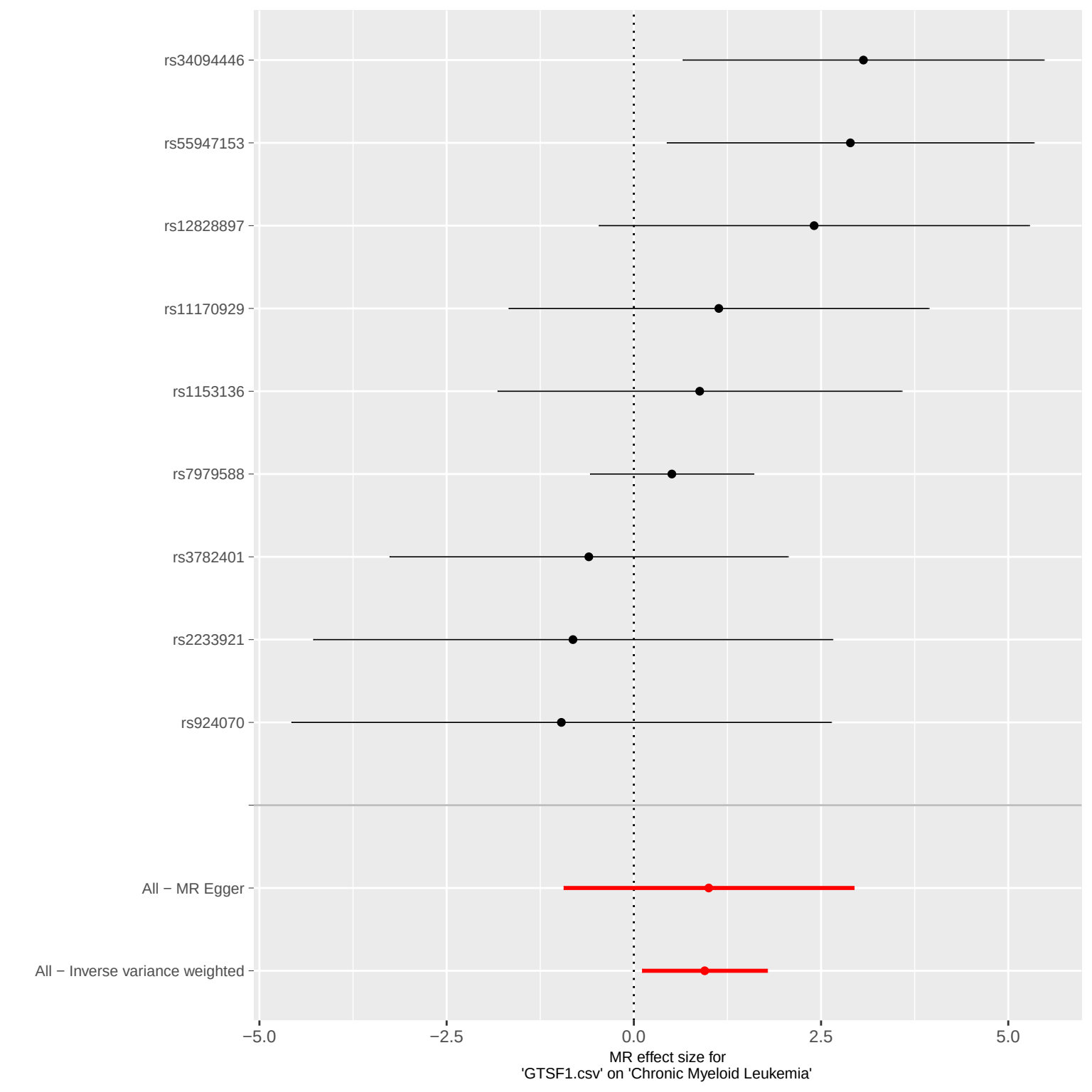
−2.5
0.0
2.5
5.0
MR effect size for
'GTPBP3.csv' on 'Chronic Myeloid Leukemia'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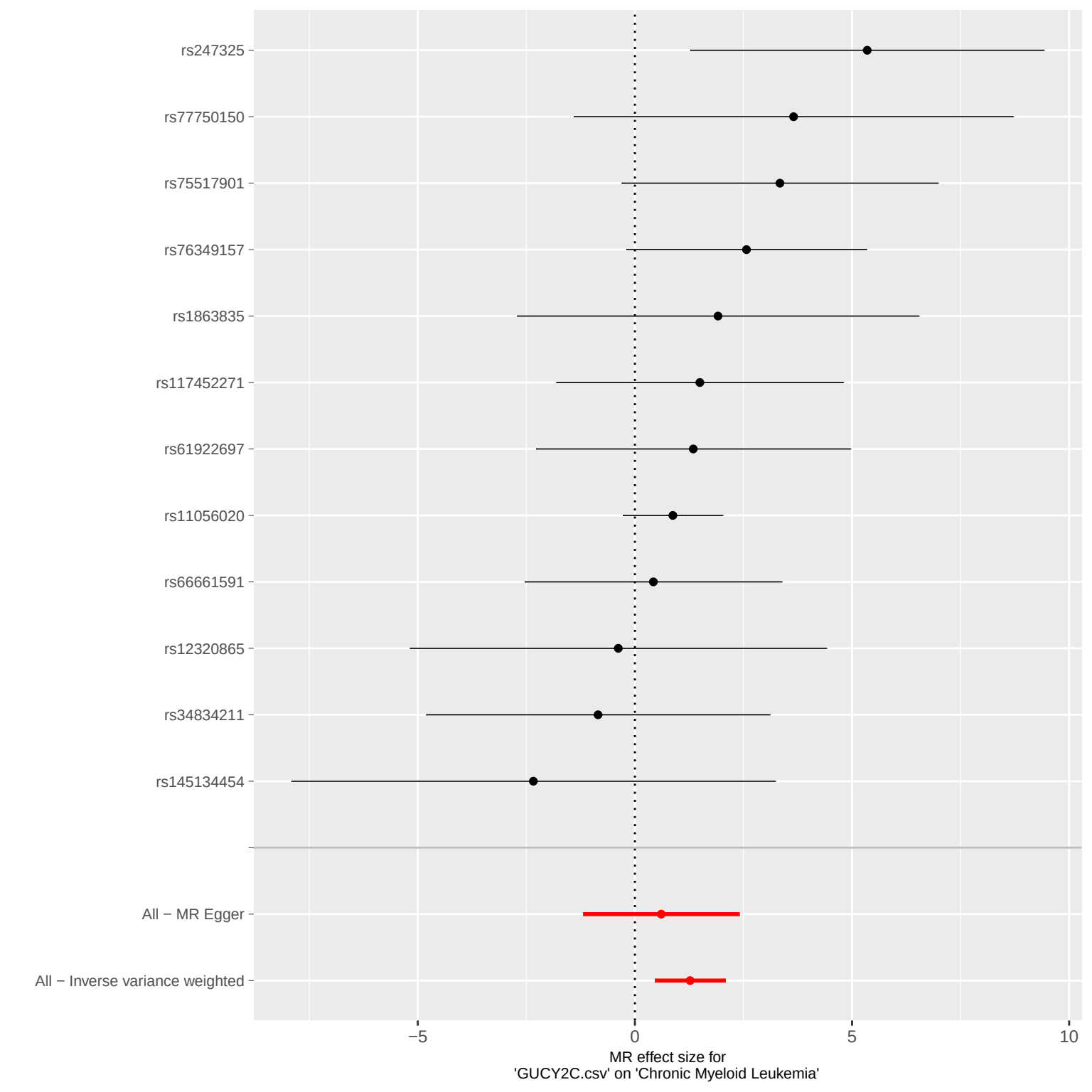
rs2233921
rs924070
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'GTSF1.csv' on 'Chronic Myeloid Leukemia'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rs12320865
rs34834211
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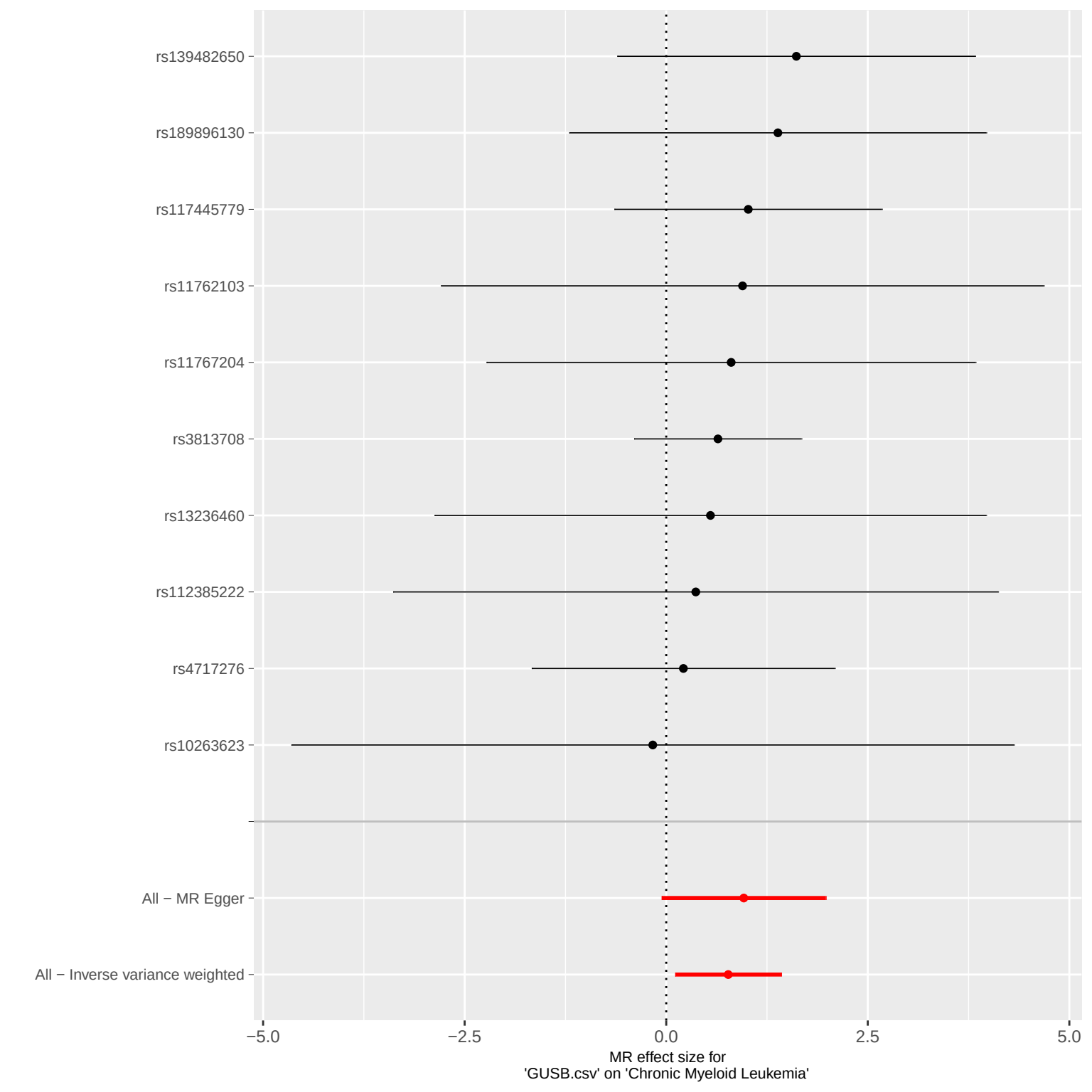
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GUCY2C.csv' on 'Chronic Myeloid Leukemia'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rs112385222
rs4717276
rs10263623
All − MR Egger
All − Inverse variance weighted
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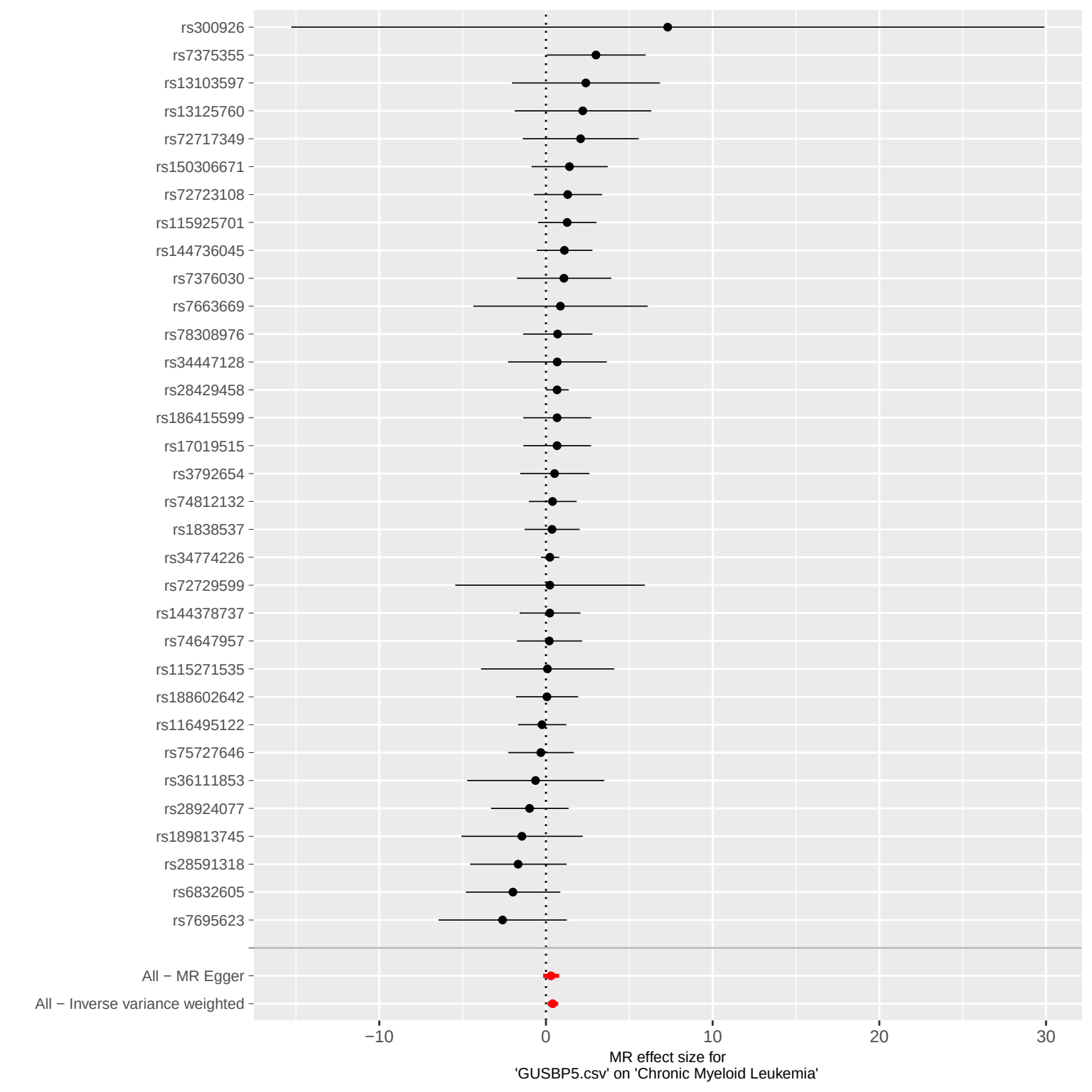
−2.5
0.0
2.5
5.0
MR effect size for
'GUSB.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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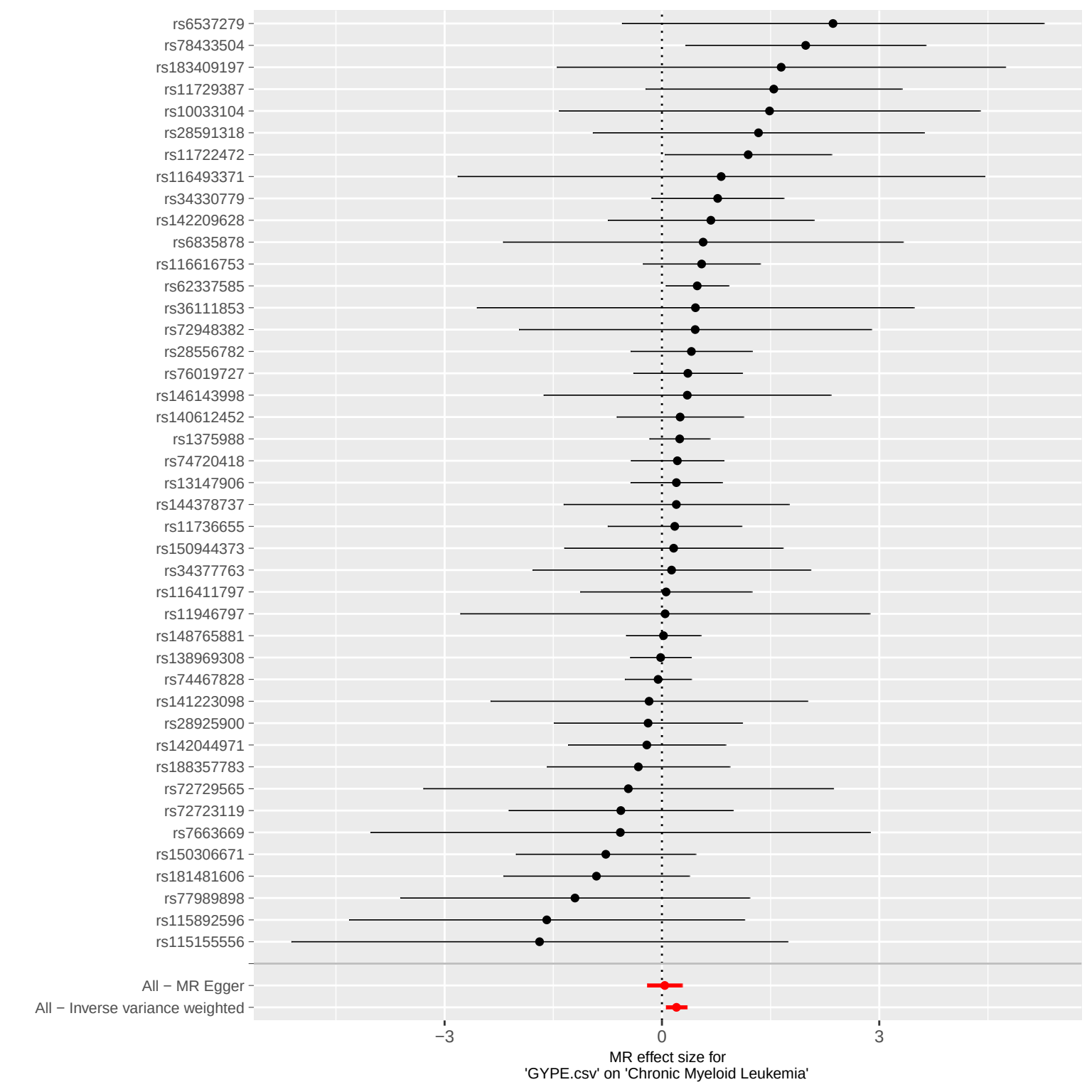
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All − Inverse variance weighted
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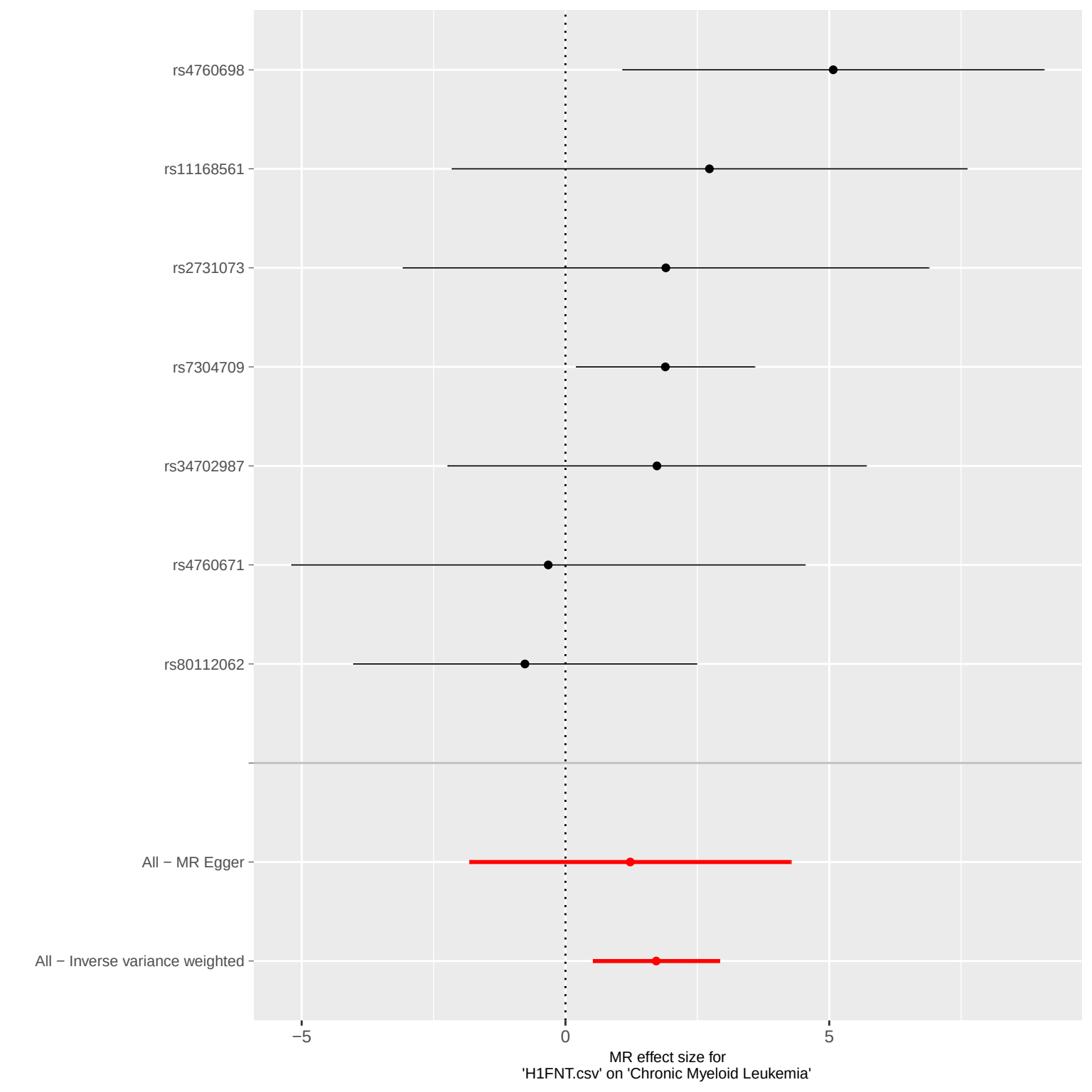
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All − Inverse variance weighted
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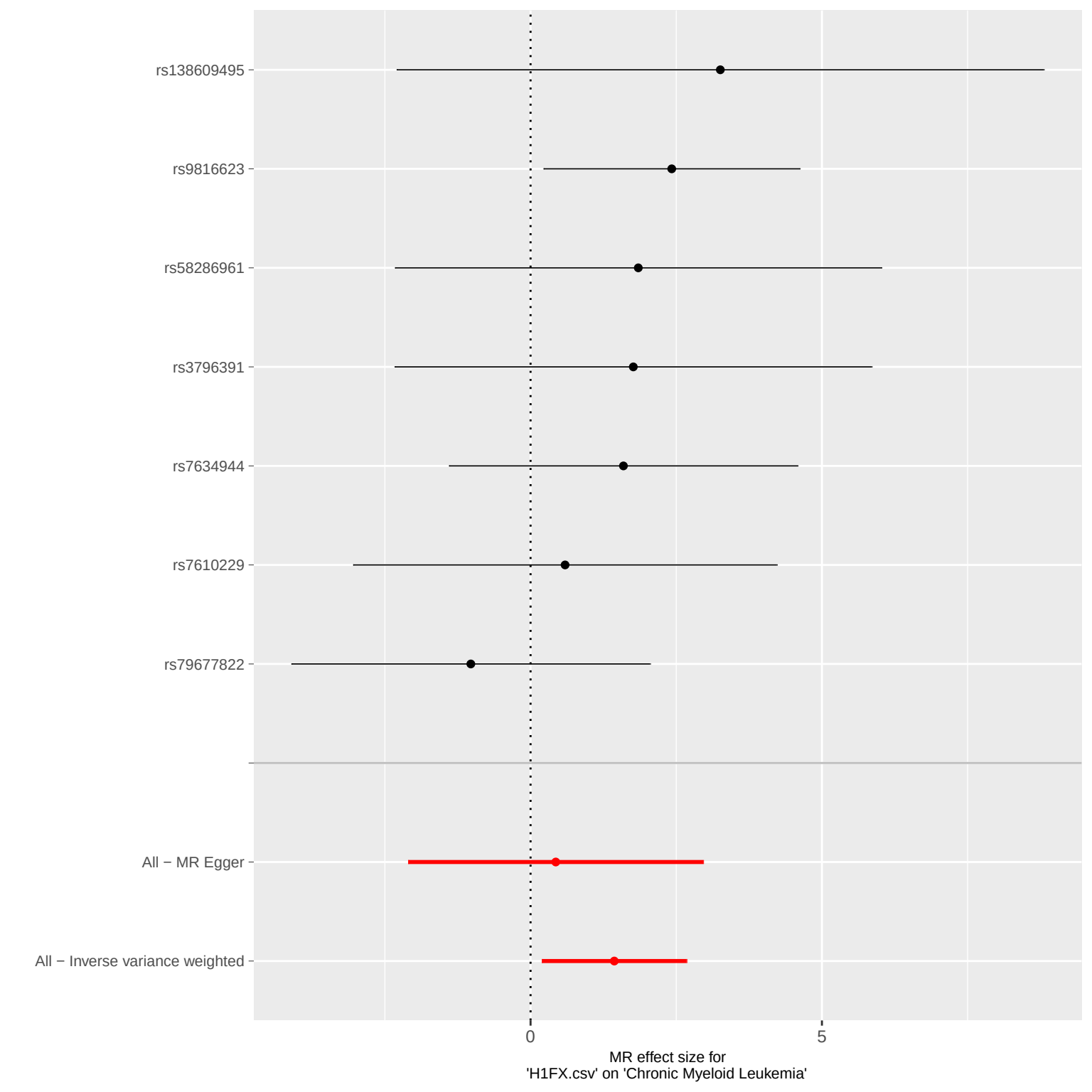
MR effect size for
'H1FNT.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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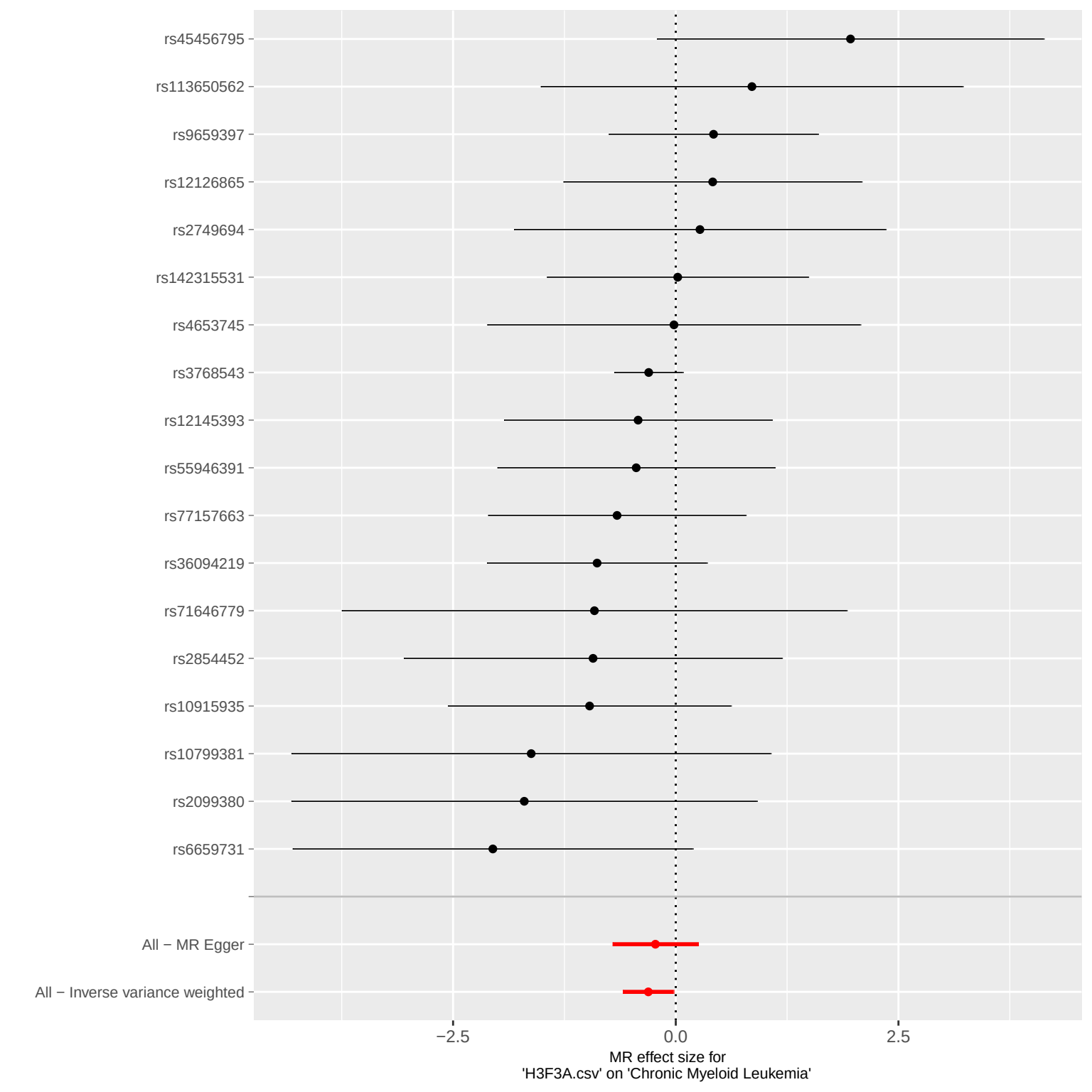
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All − Inverse variance weighted
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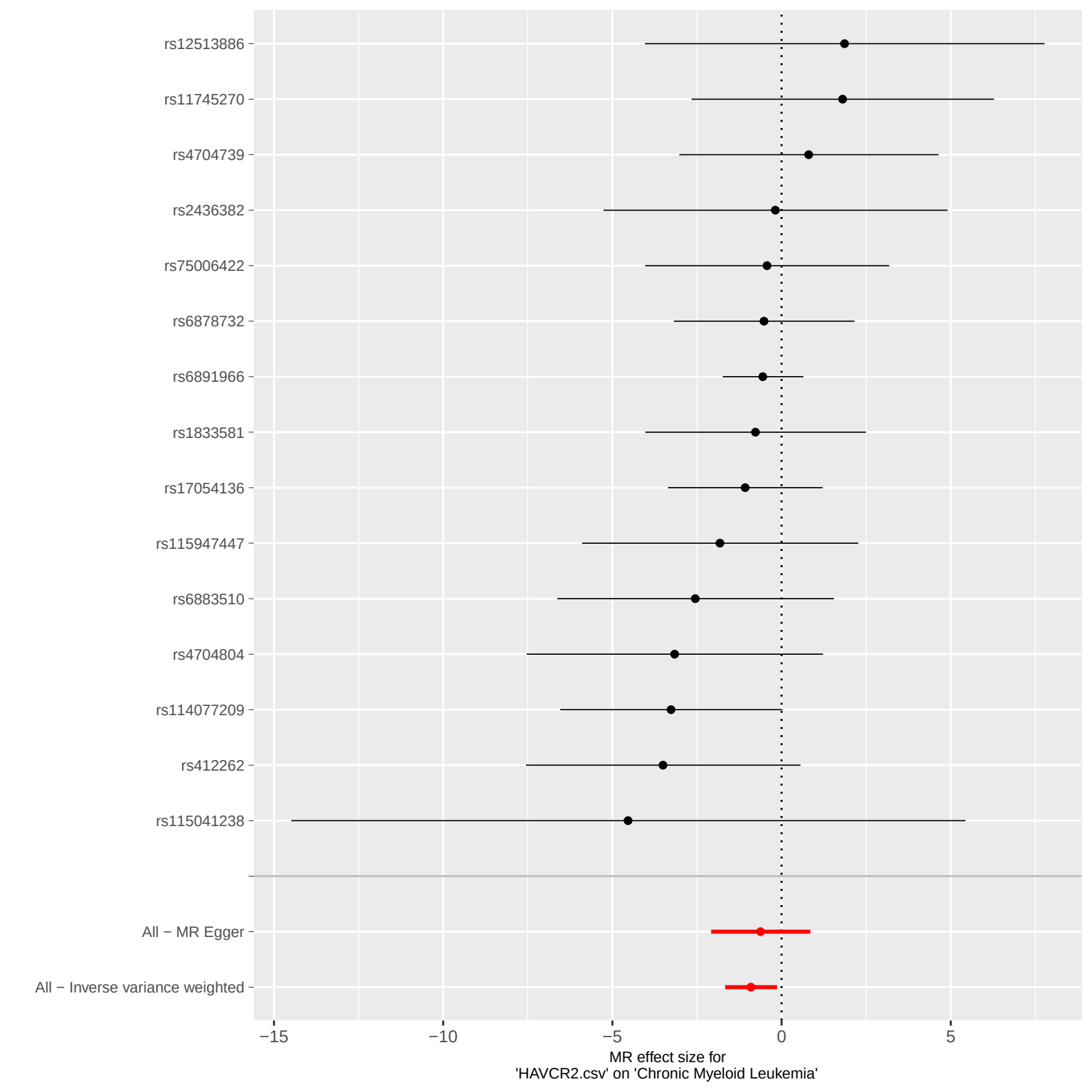
MR effect size for
'H3F3A.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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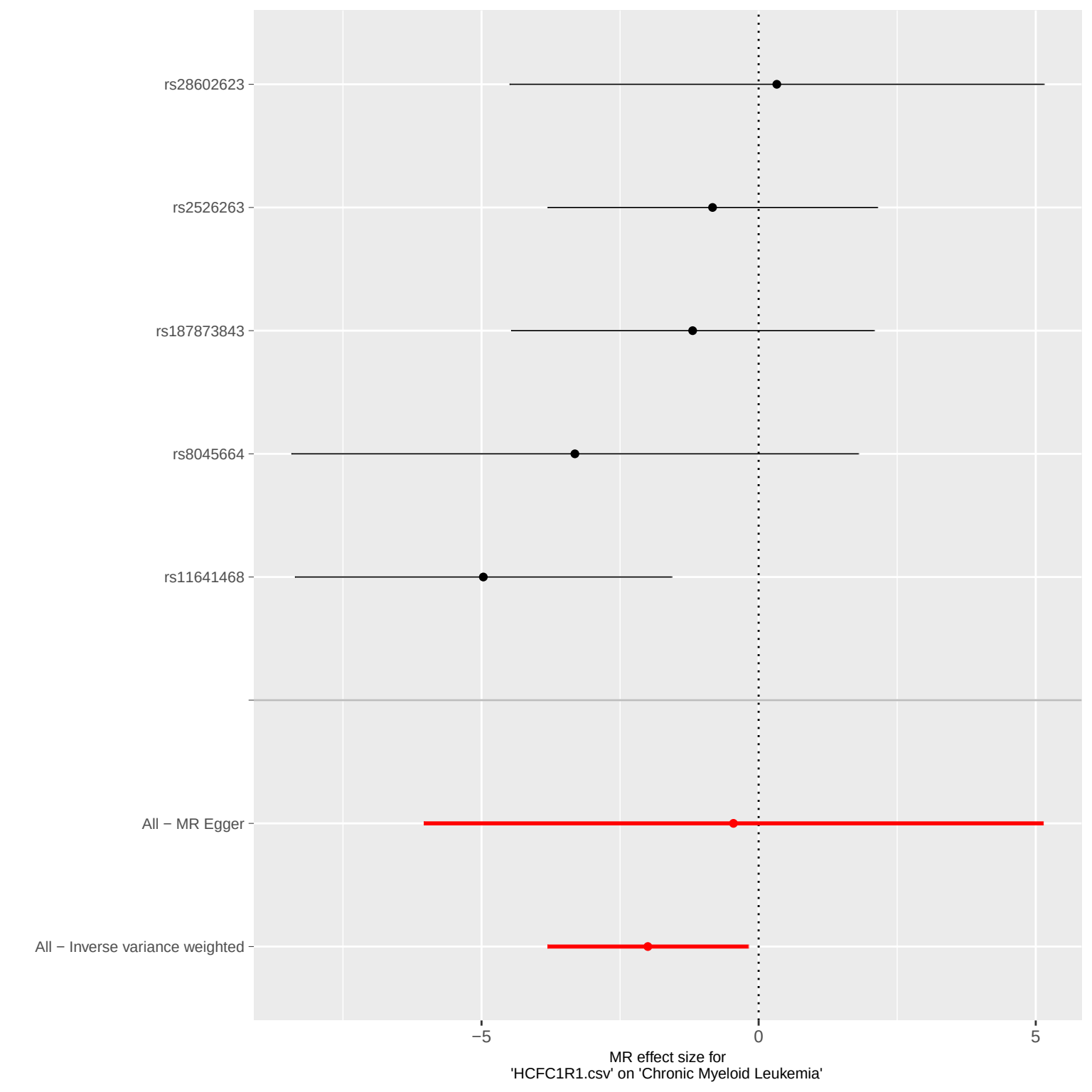
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All − Inverse variance weighted
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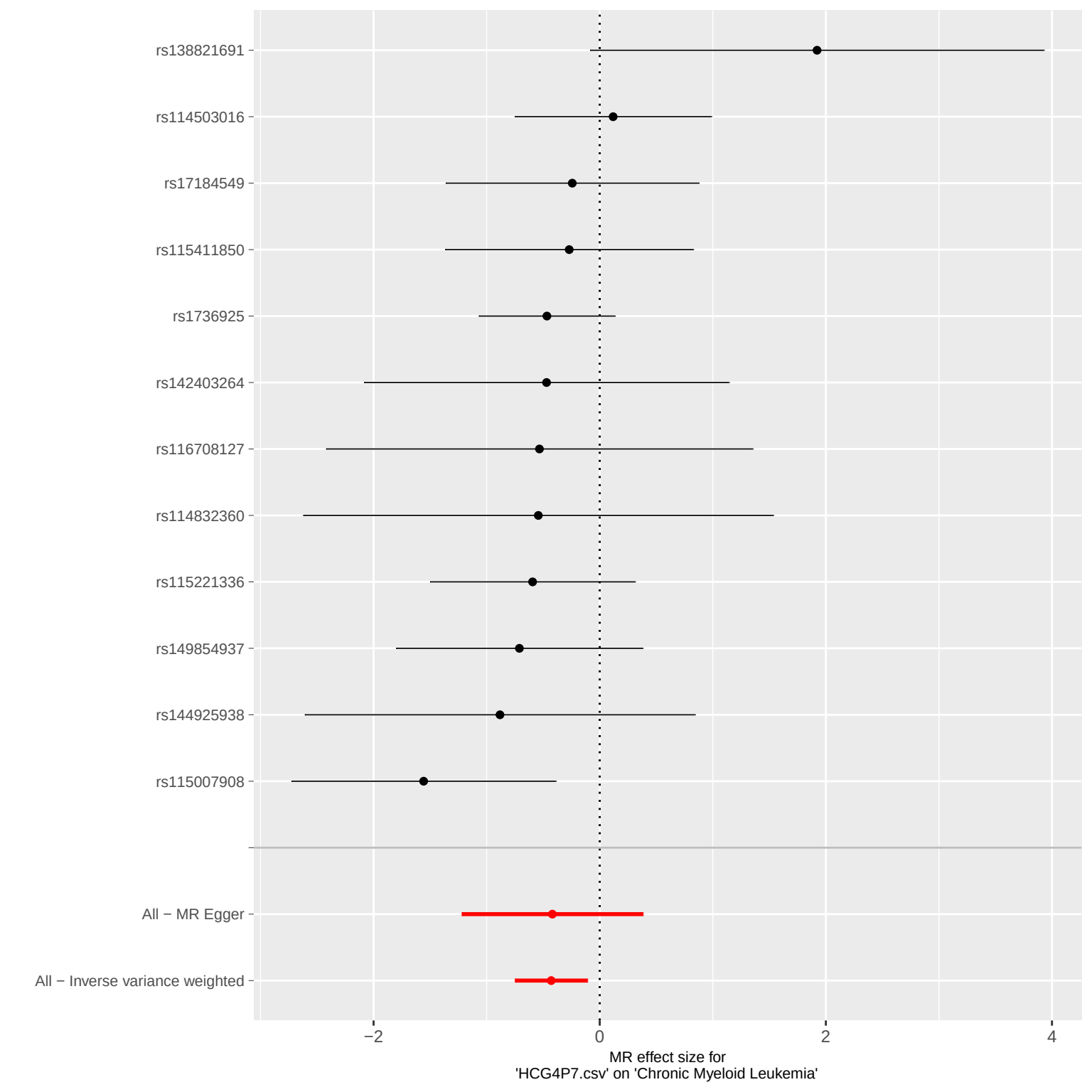
MR effect size for
'HCFC1R1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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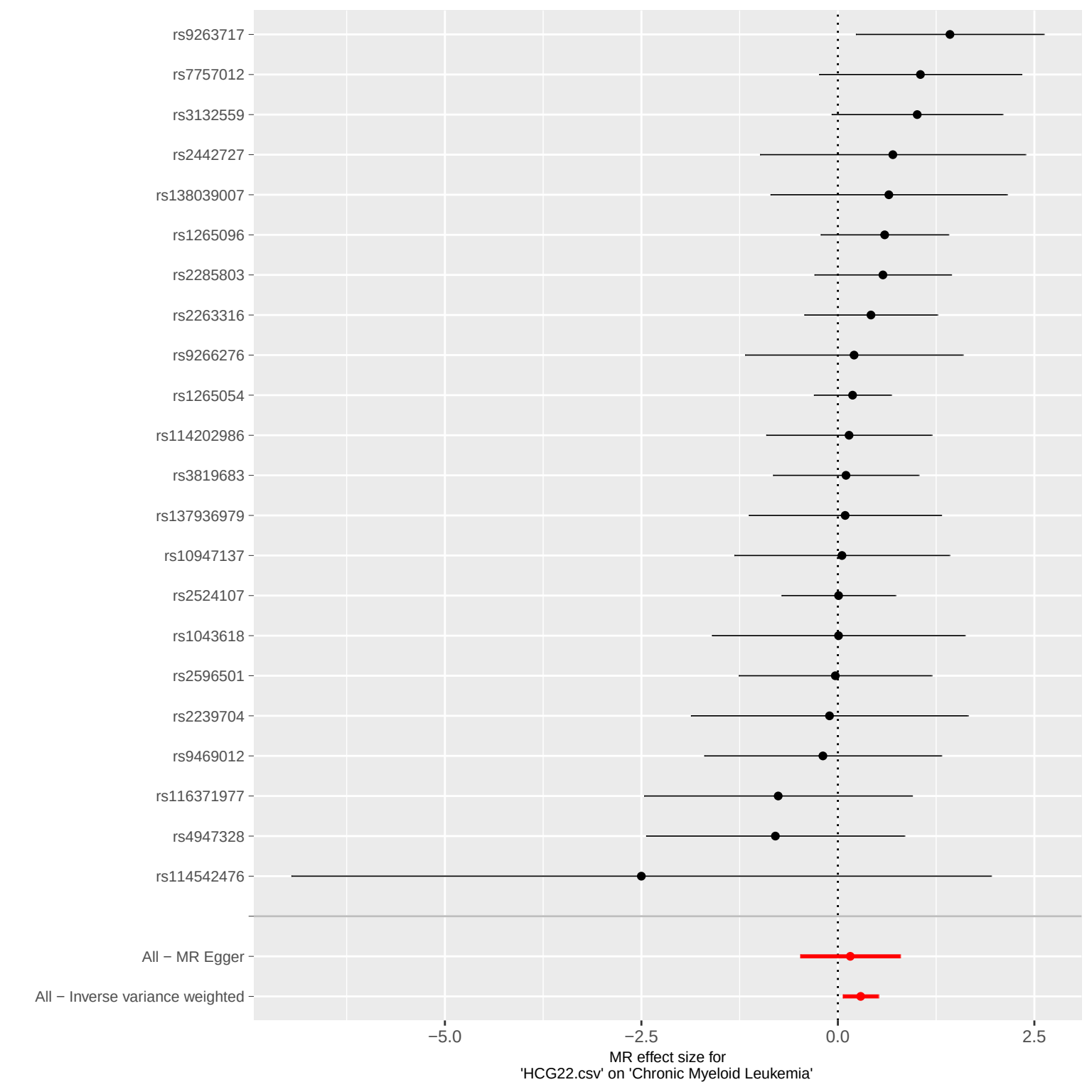
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All − MR Egger
All − Inverse variance weighted
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−2.5
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MR effect size for
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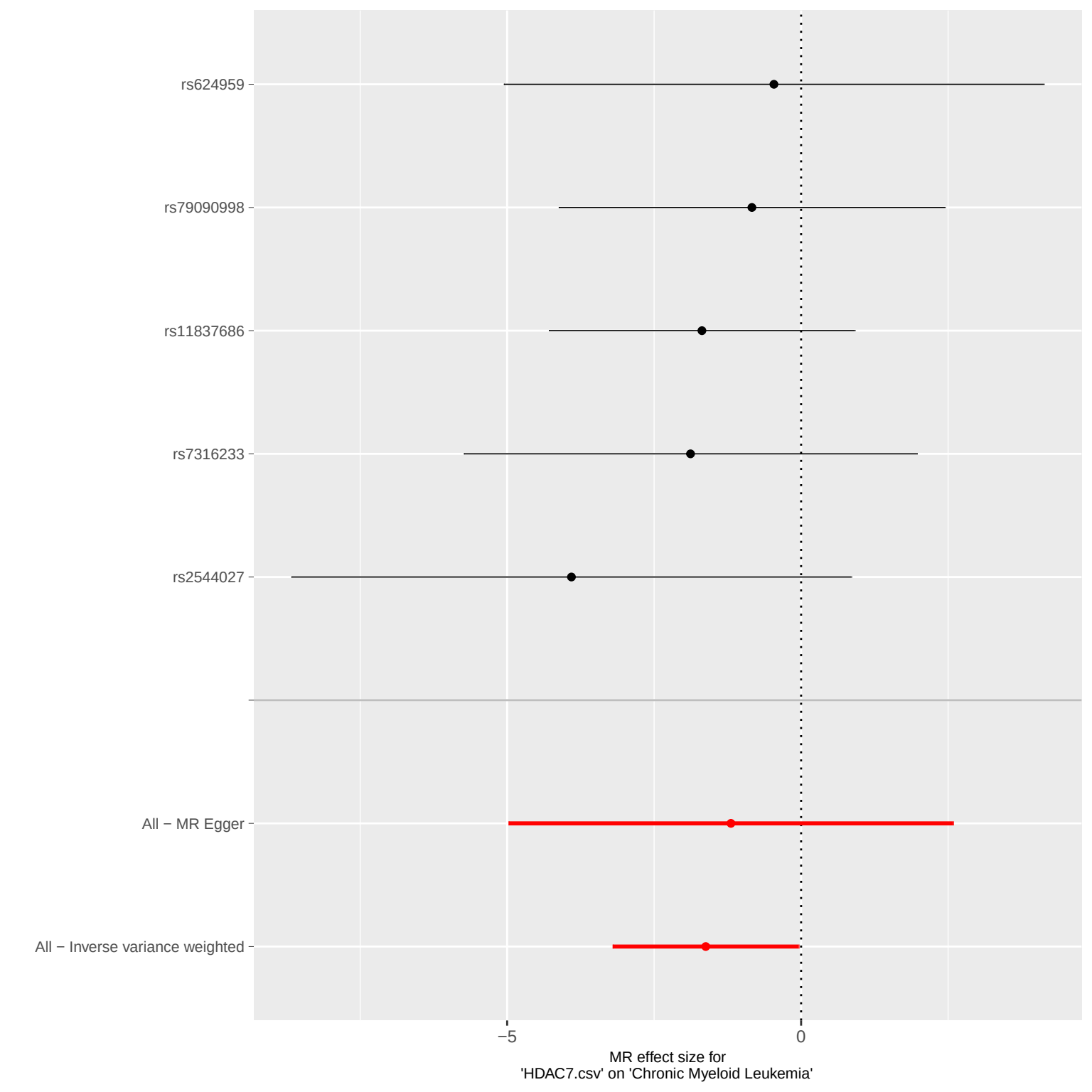
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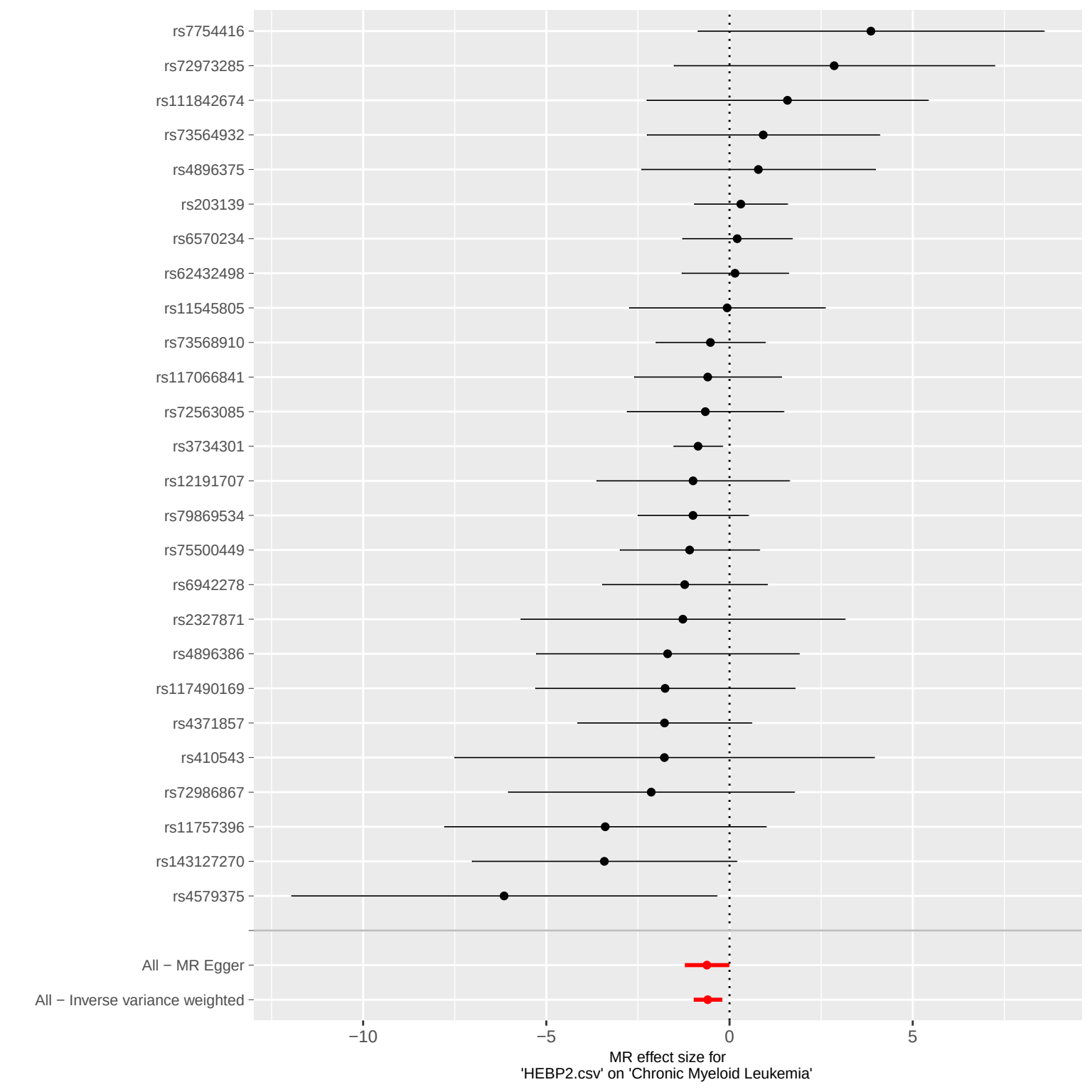
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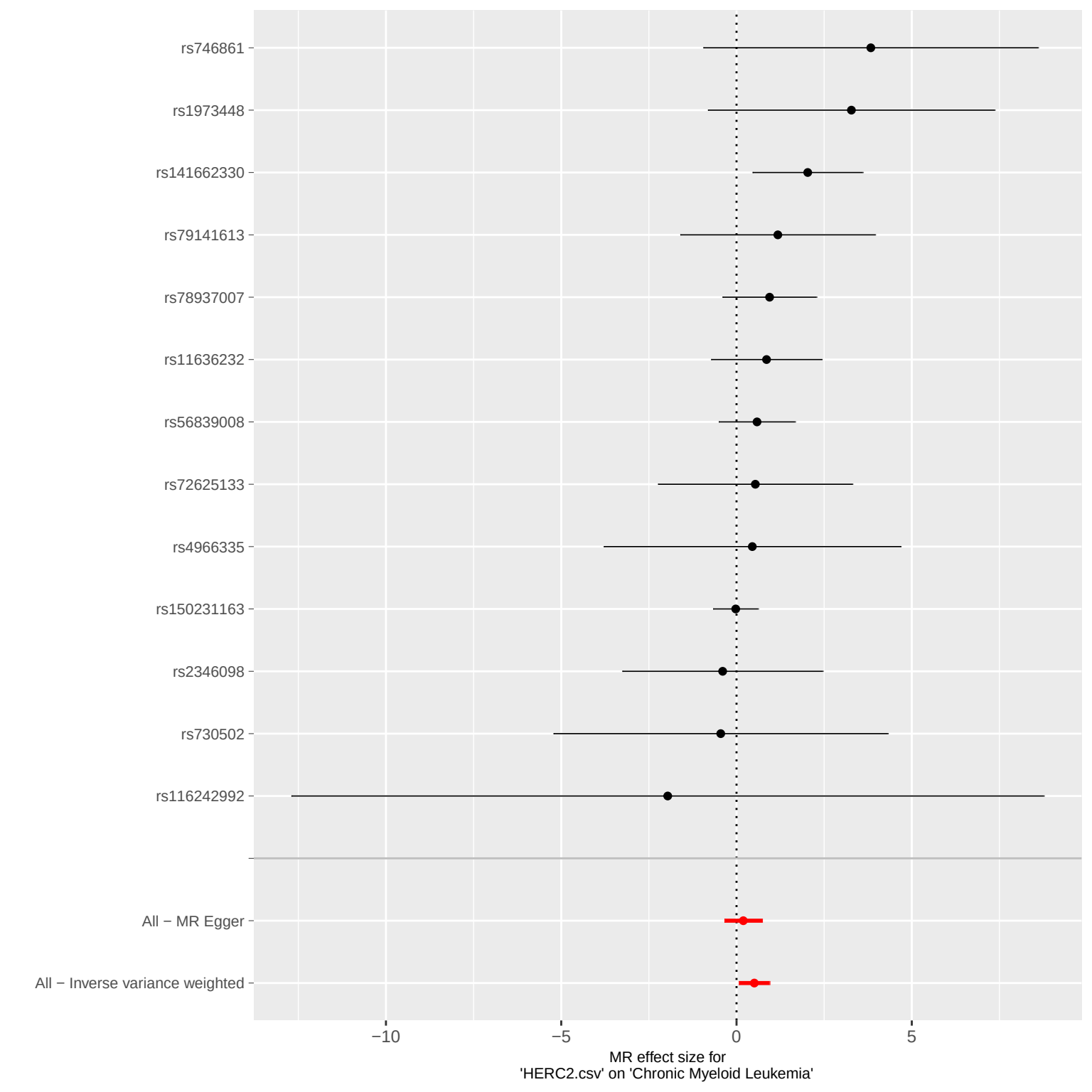
MR effect size for
'HEBP2.csv' on 'Chronic Myeloid Leukemia'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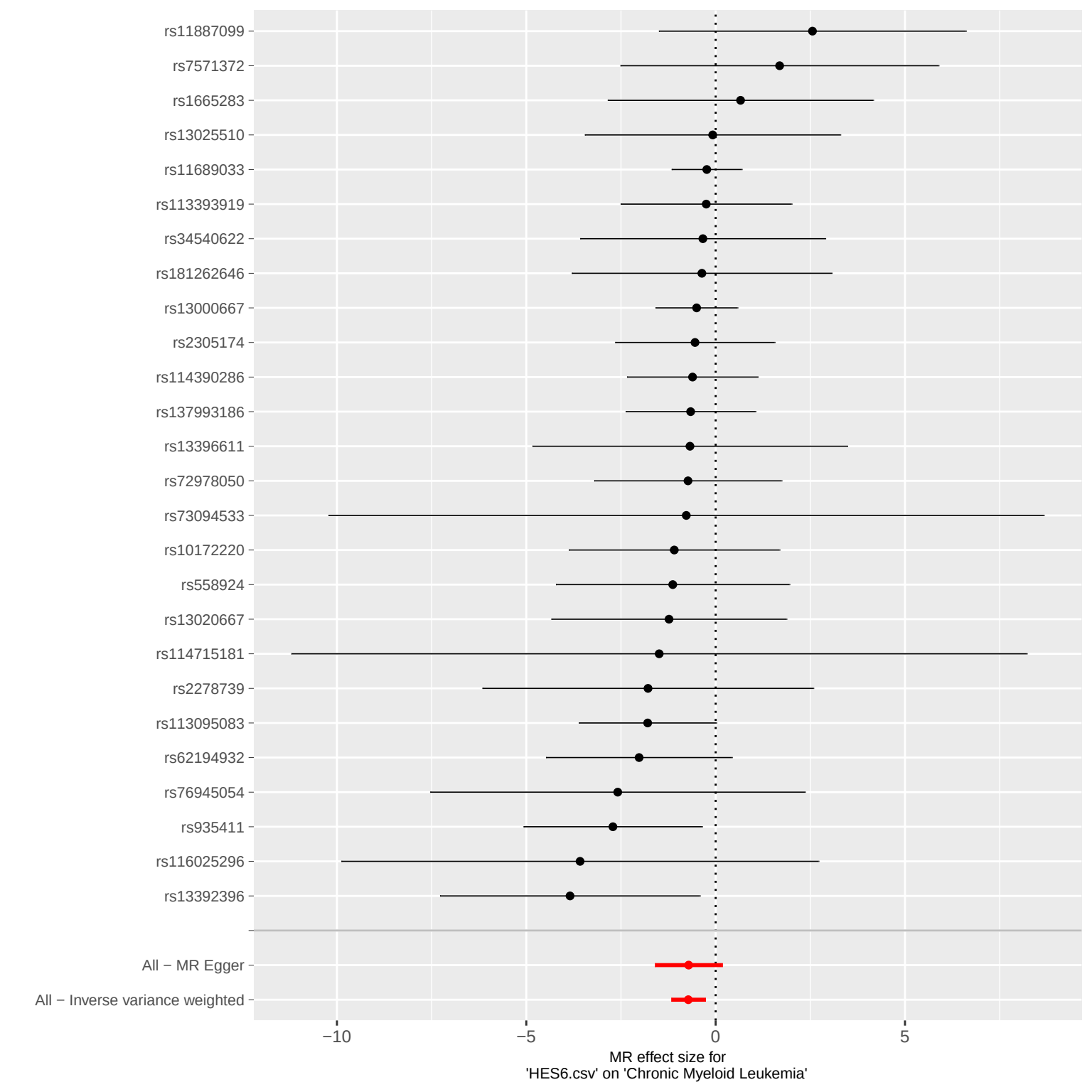
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All − Inverse variance weighted
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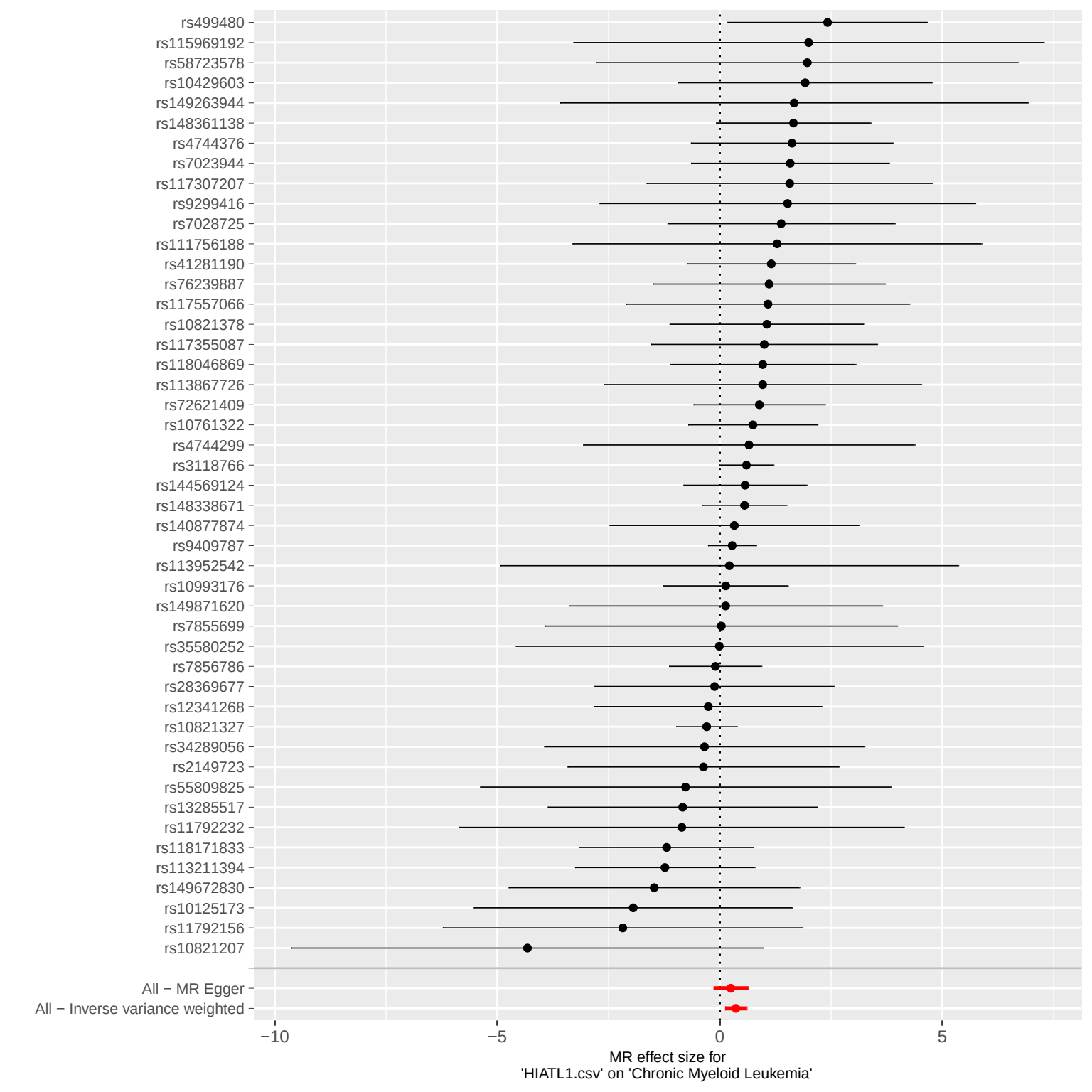
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All − MR Egger
All − Inverse variance weighted
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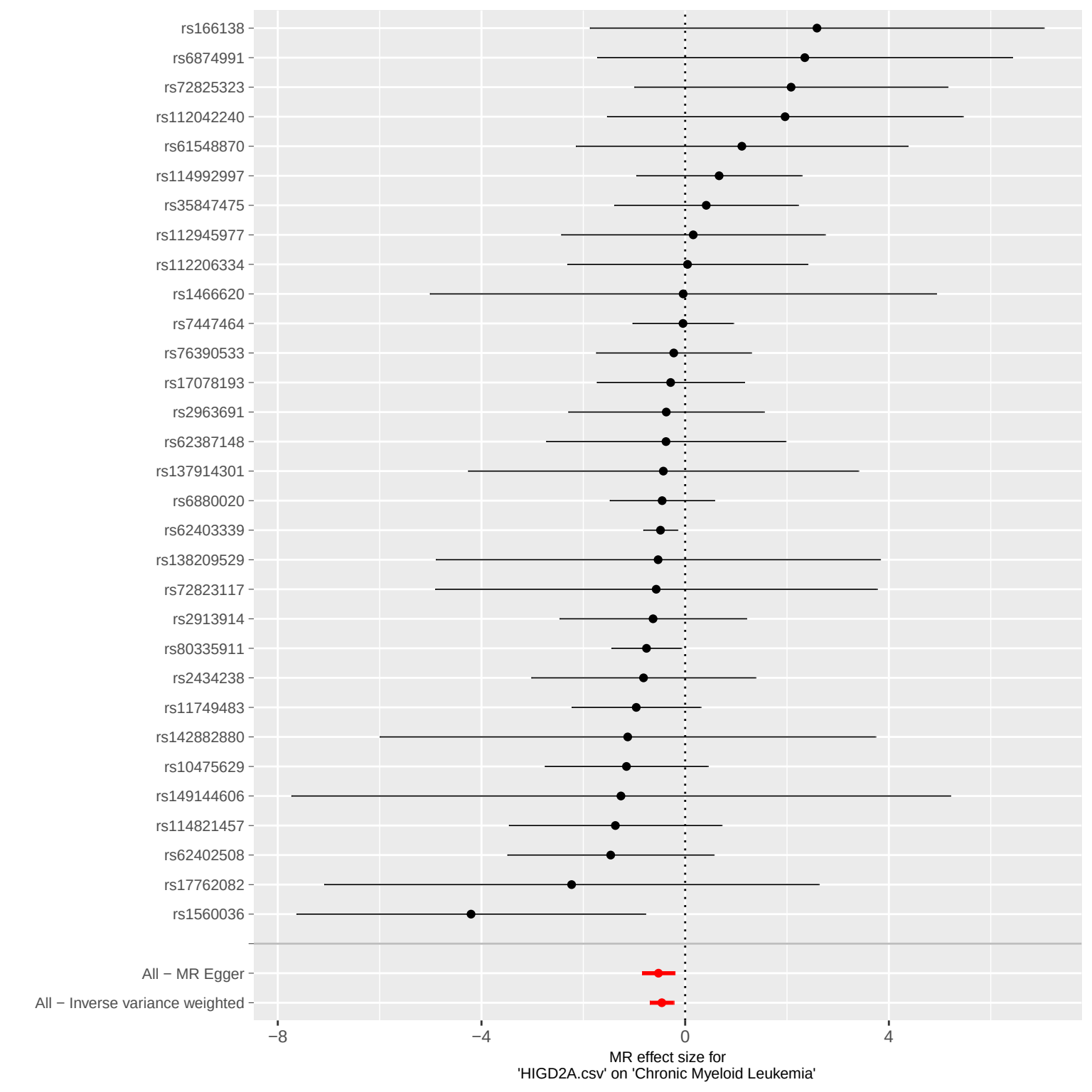
'HIATL1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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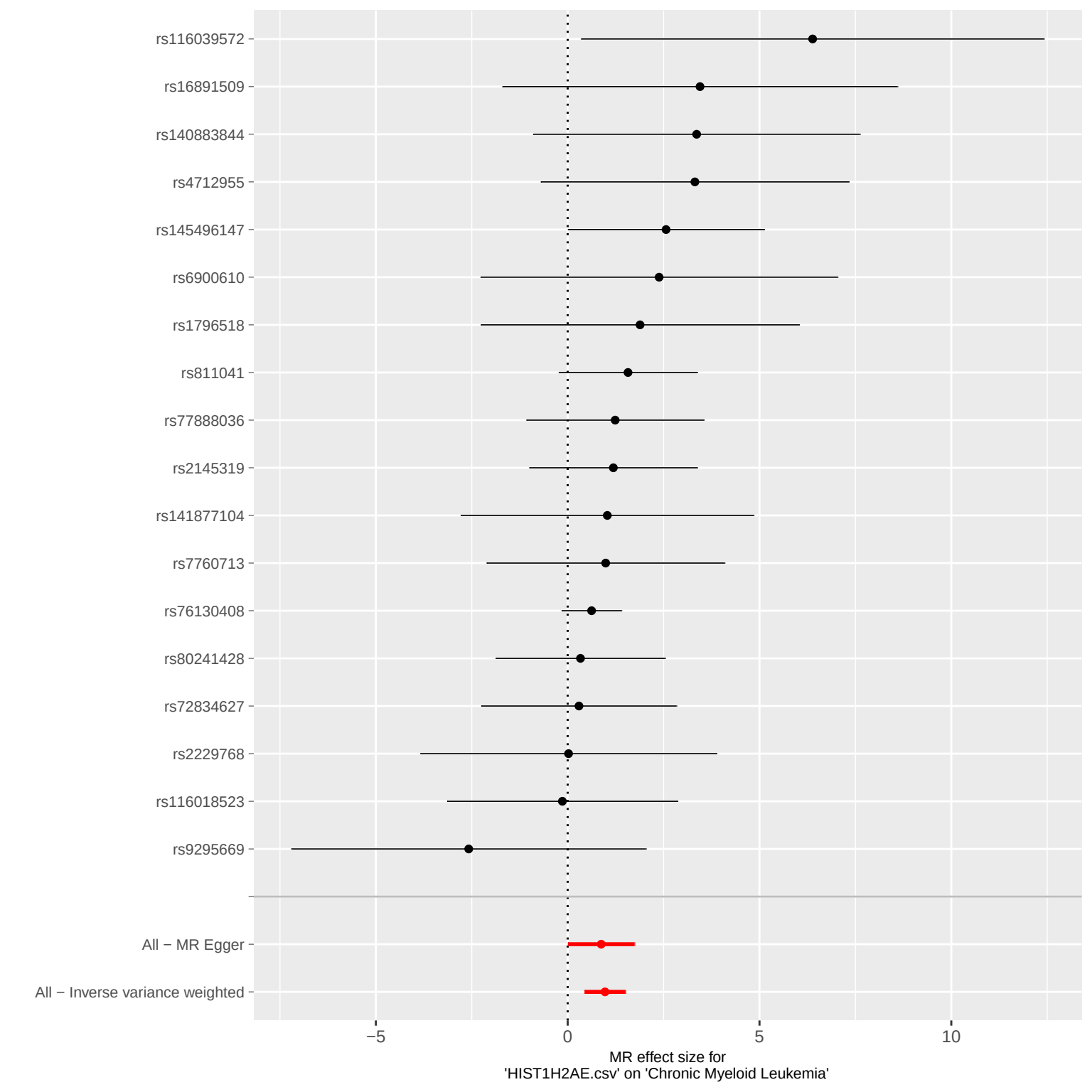
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All − MR Egger
All − Inverse variance weighted
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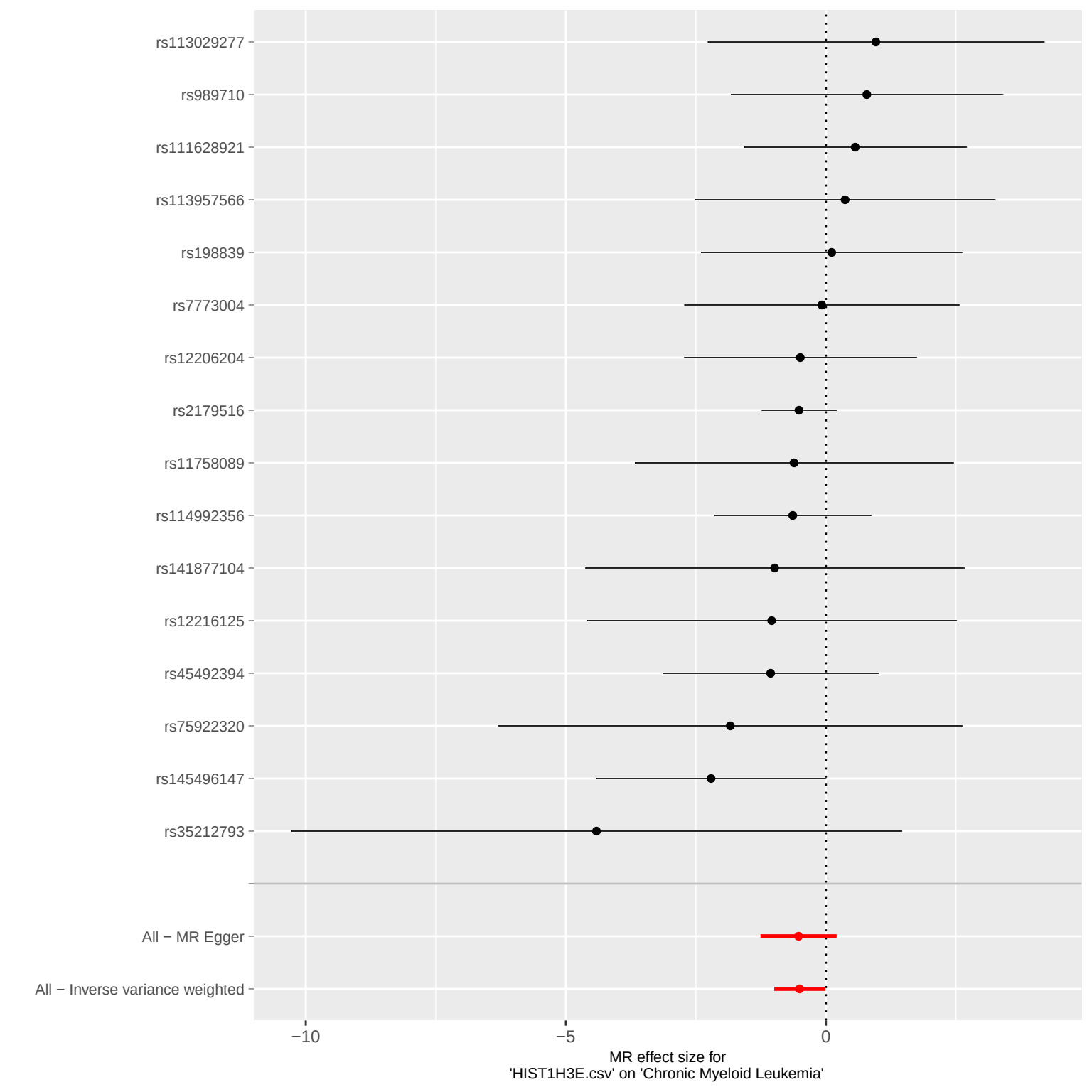
MR effect size for
'HIST1H2AE.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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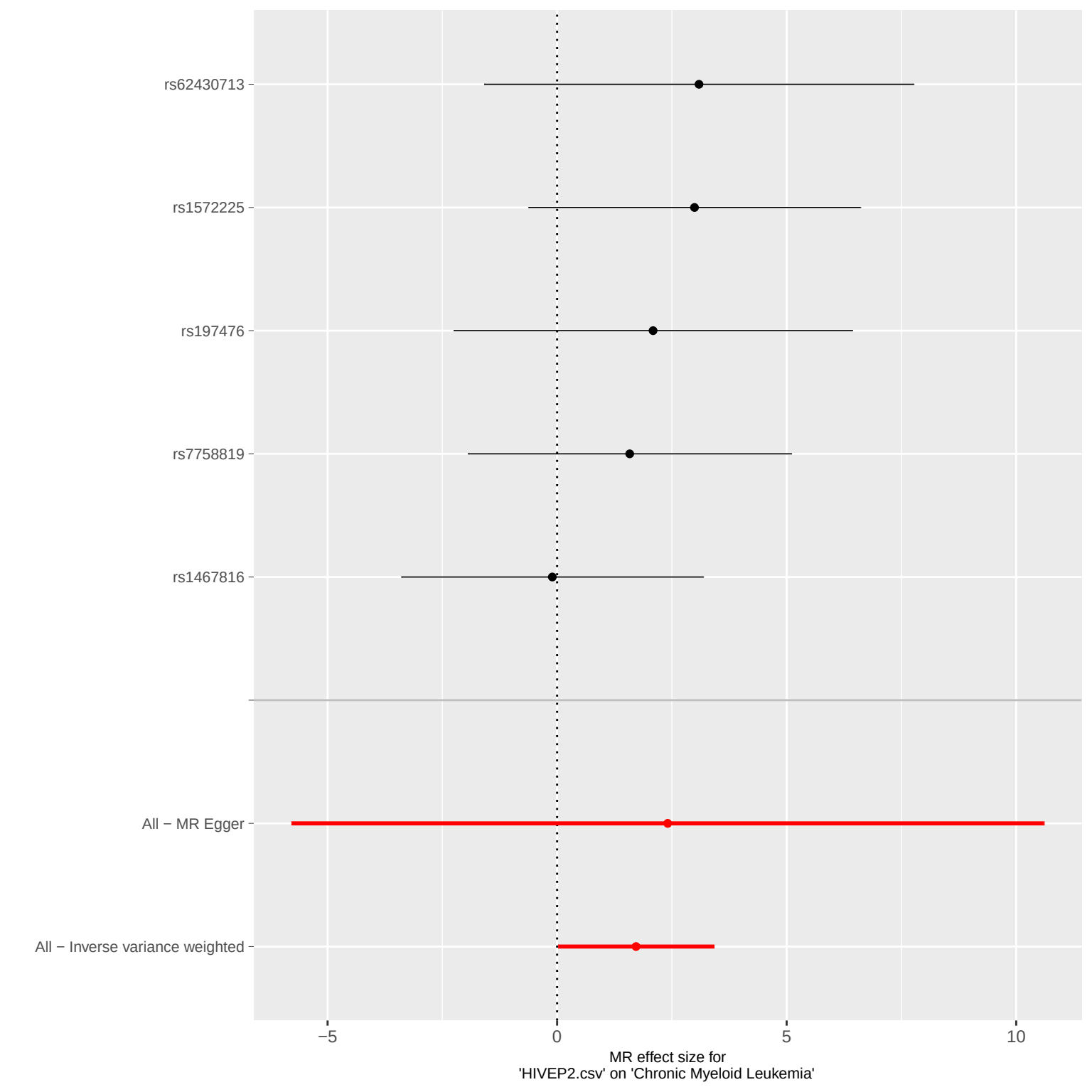
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All − Inverse variance weighted
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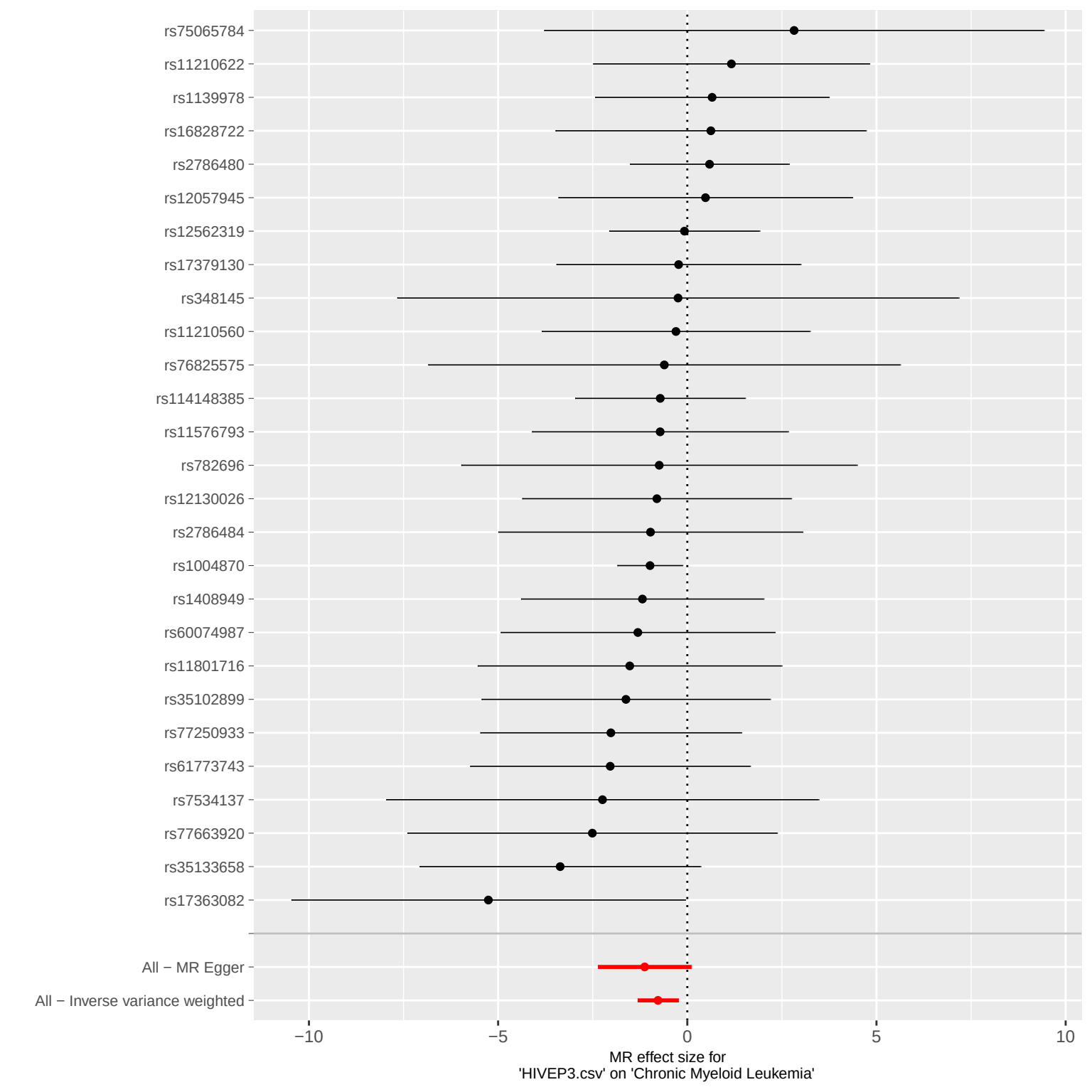
MR effect size for
'HIVEP2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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0
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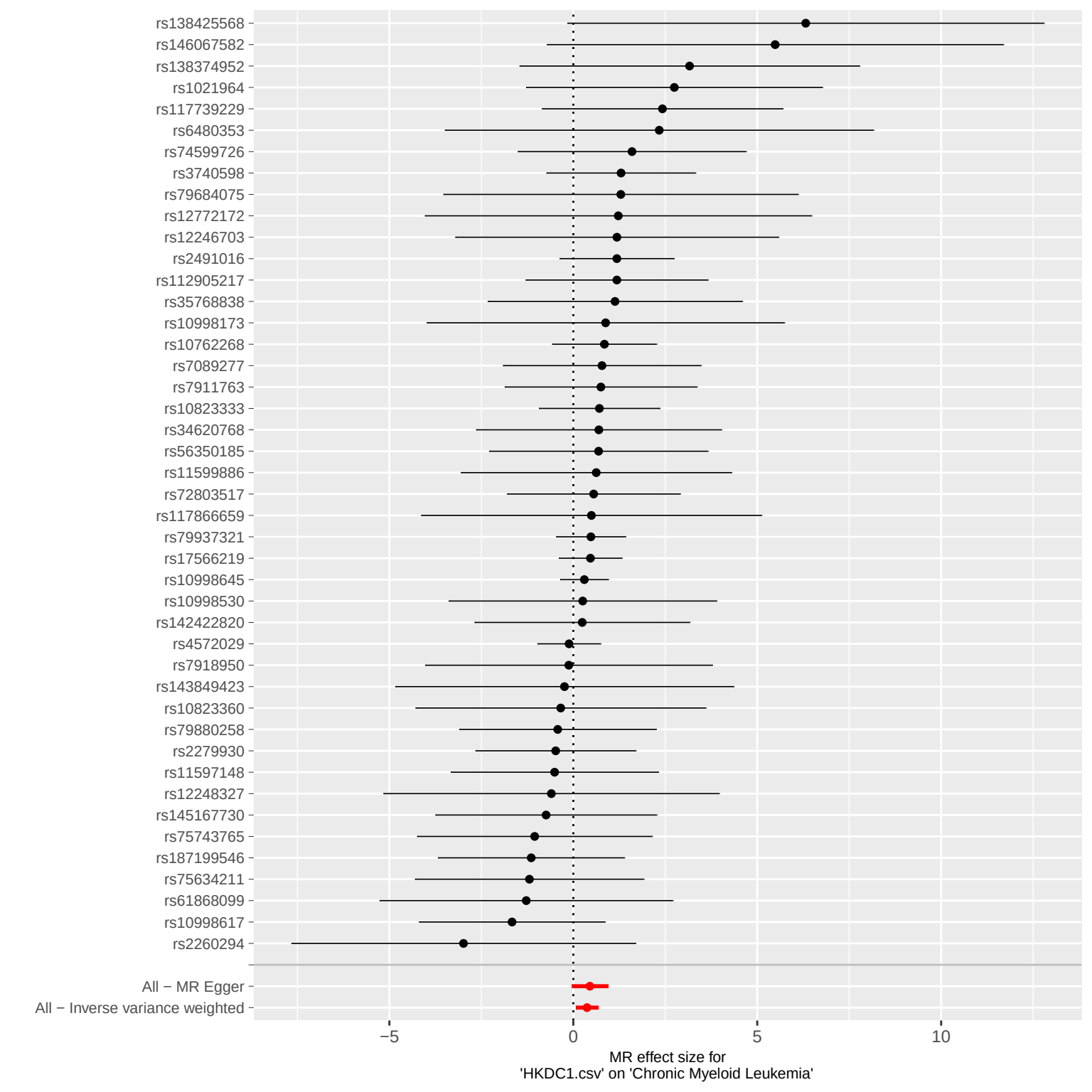
MR effect size for
'HIVEP3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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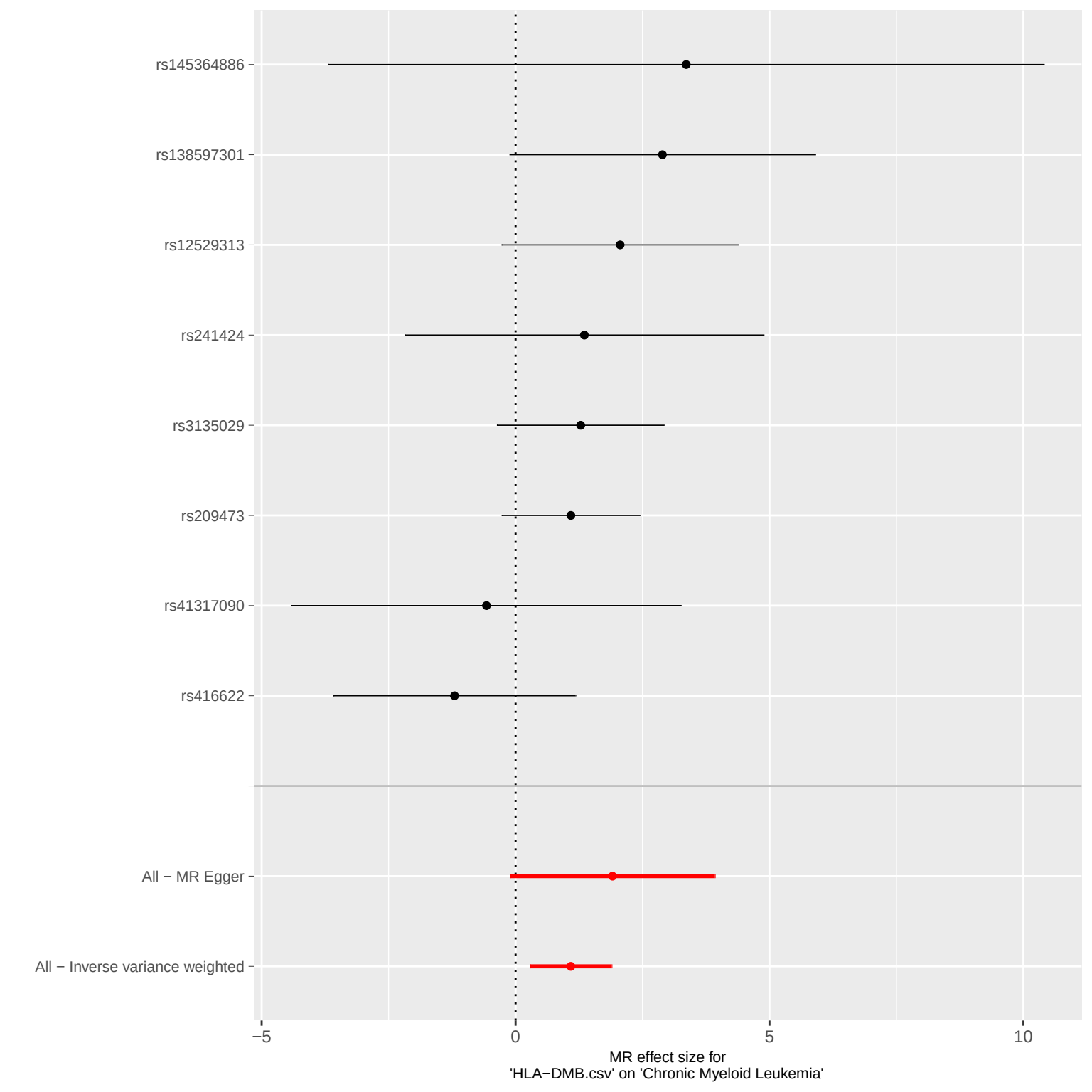
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MR effect size for
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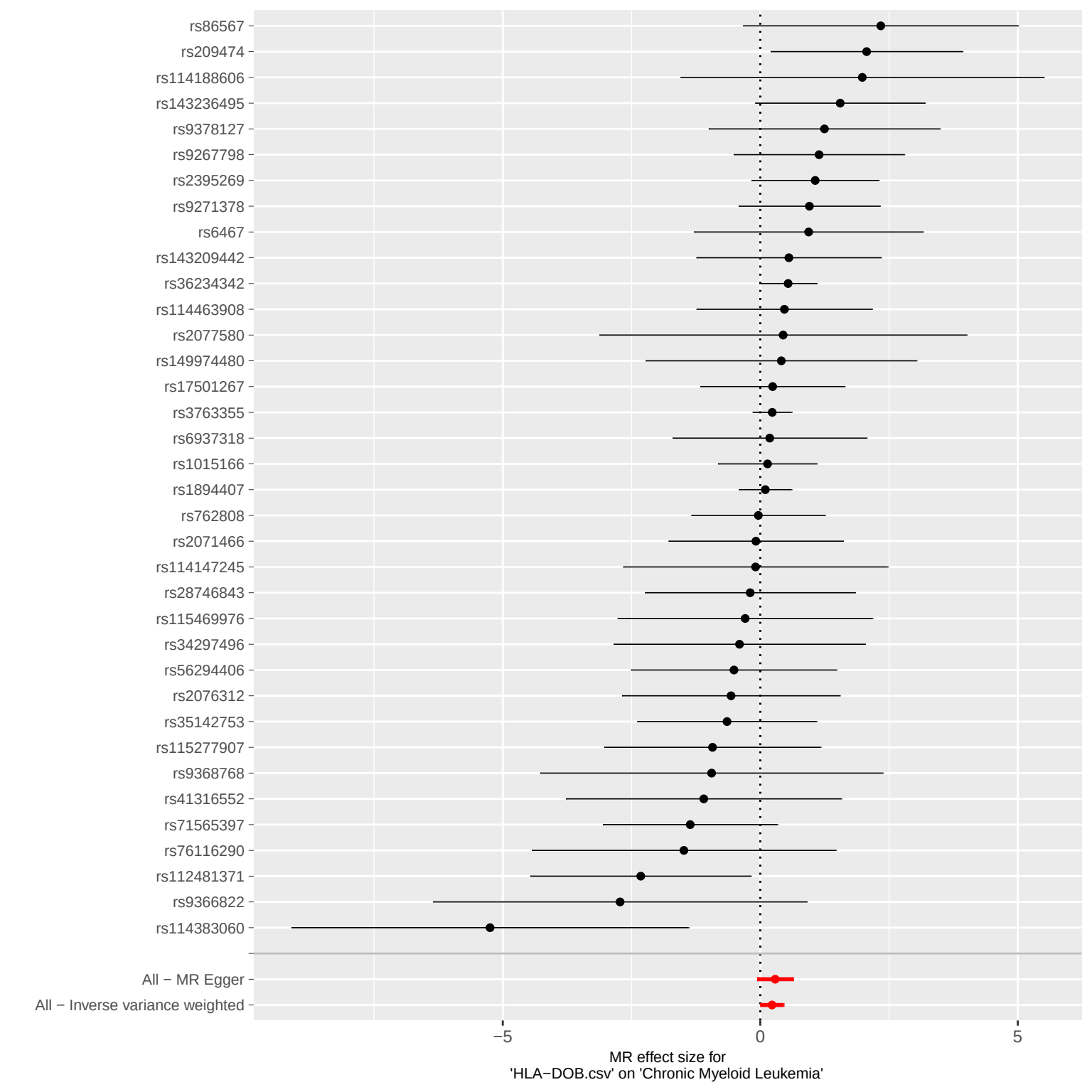
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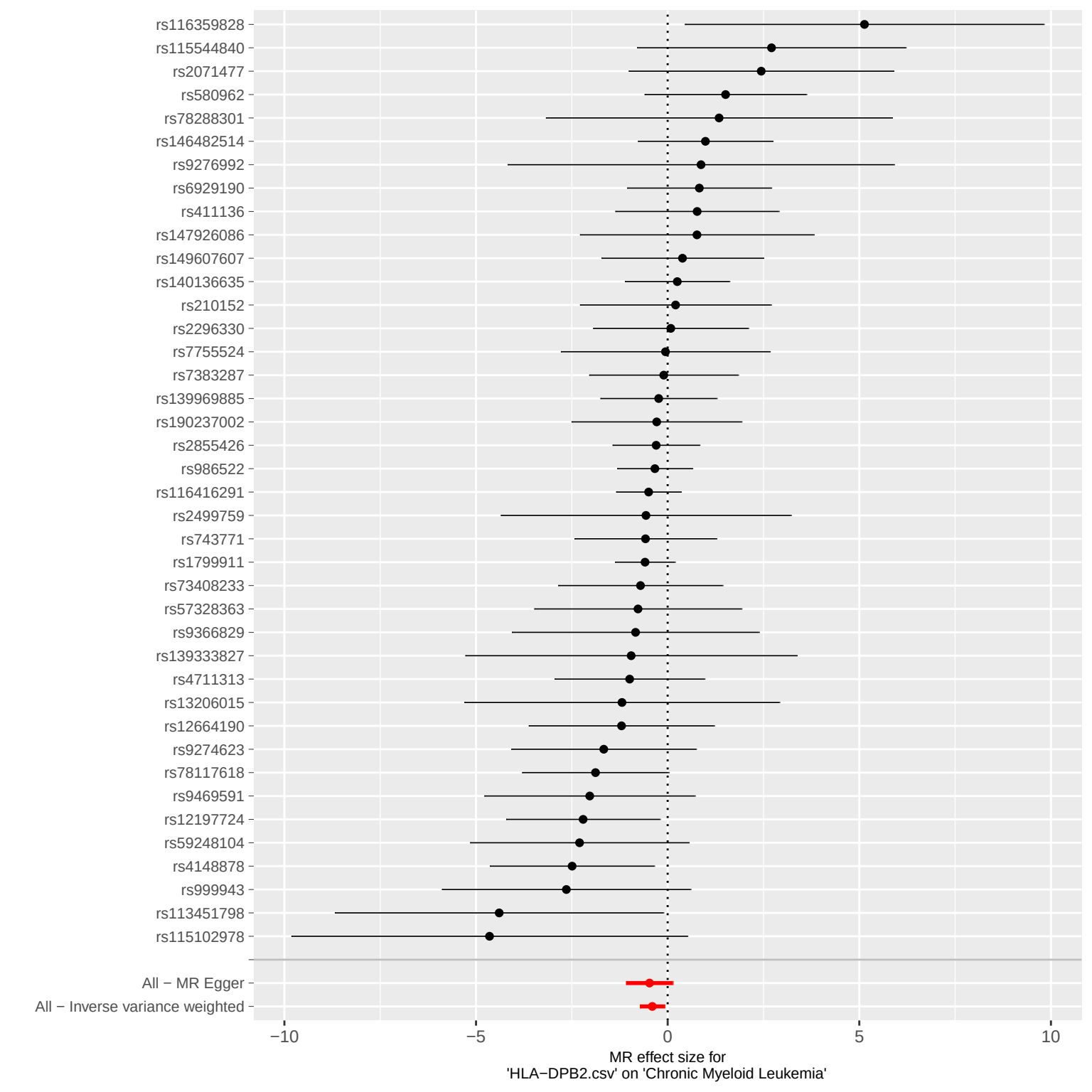
'HLA−DOB.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
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5
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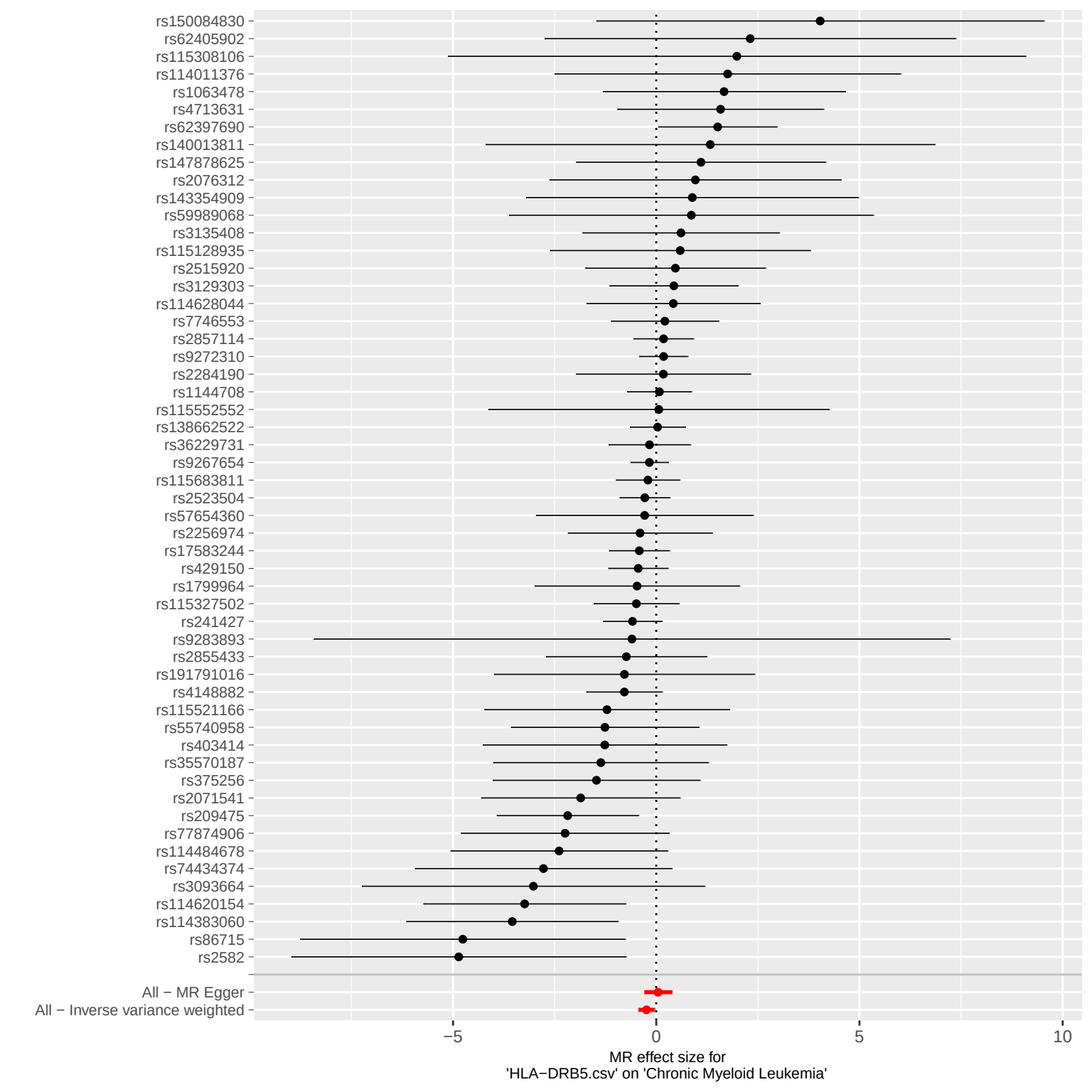
MR effect size for
'HLA−DPB2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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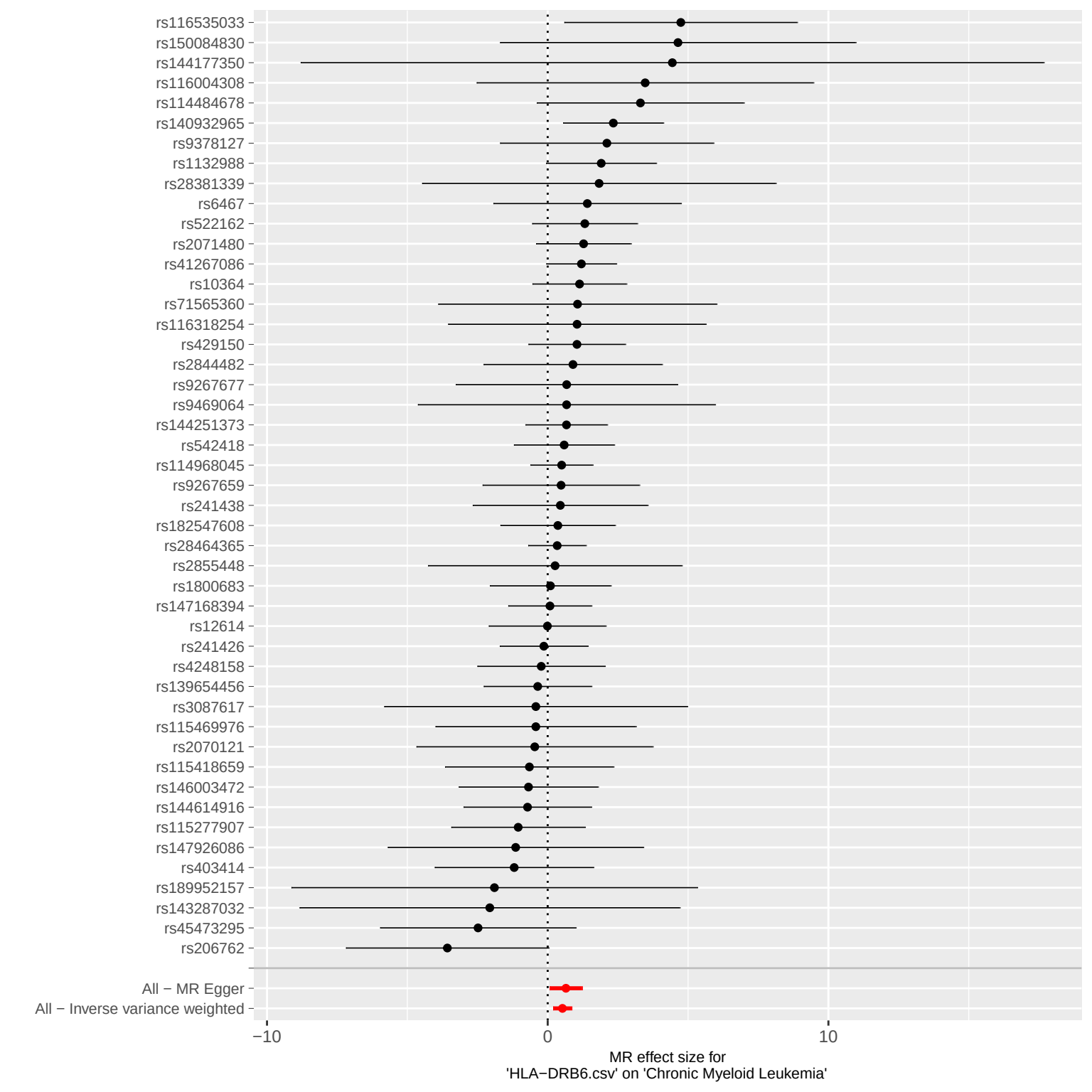
MR effect size for
'HLA−DRB5.csv' on 'Chronic Myeloid Leukemia'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rs45473295
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All − Inverse variance weighted
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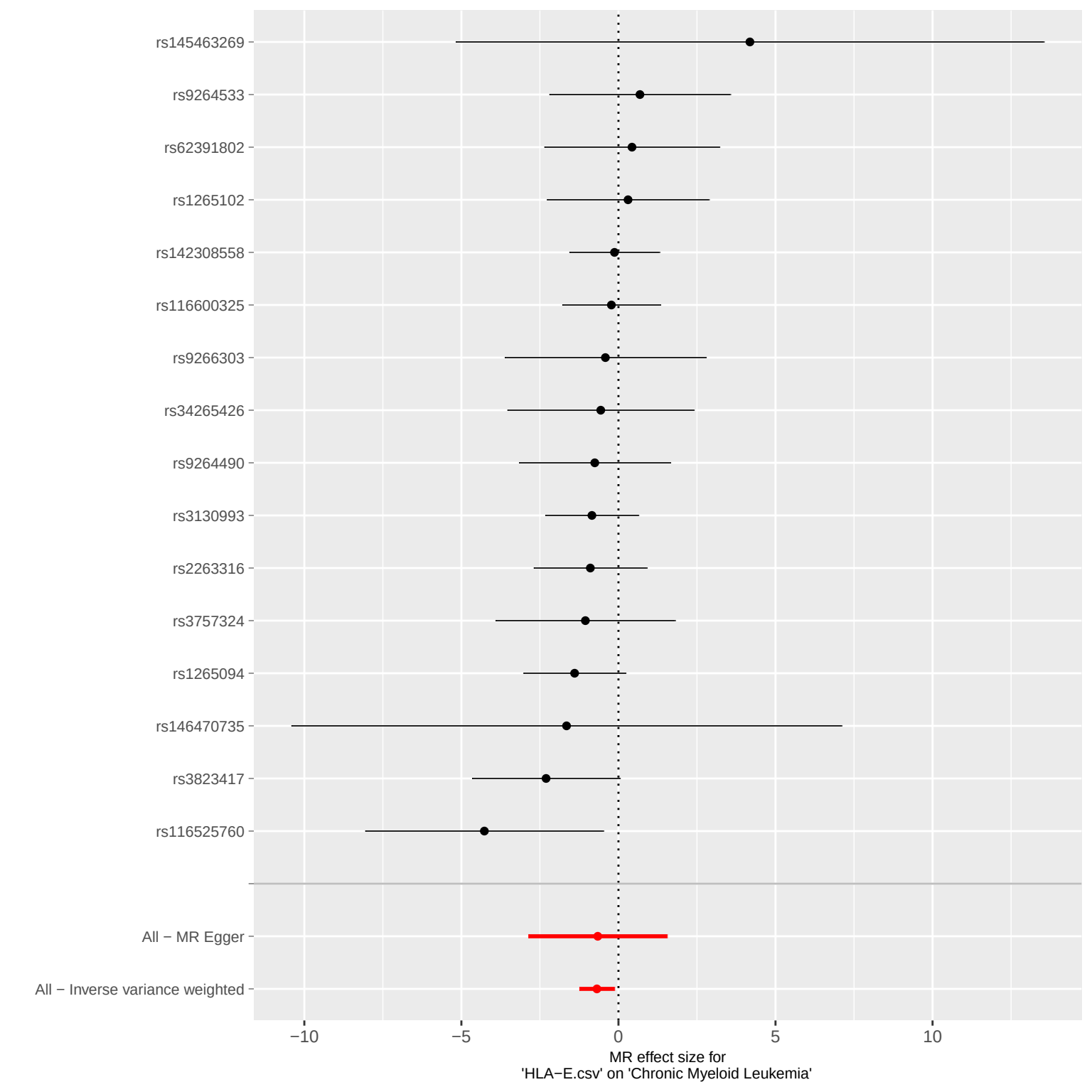
MR effect size for
'HLA−DRB6.csv' on 'Chronic Myeloid Leukemia'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rs116525760
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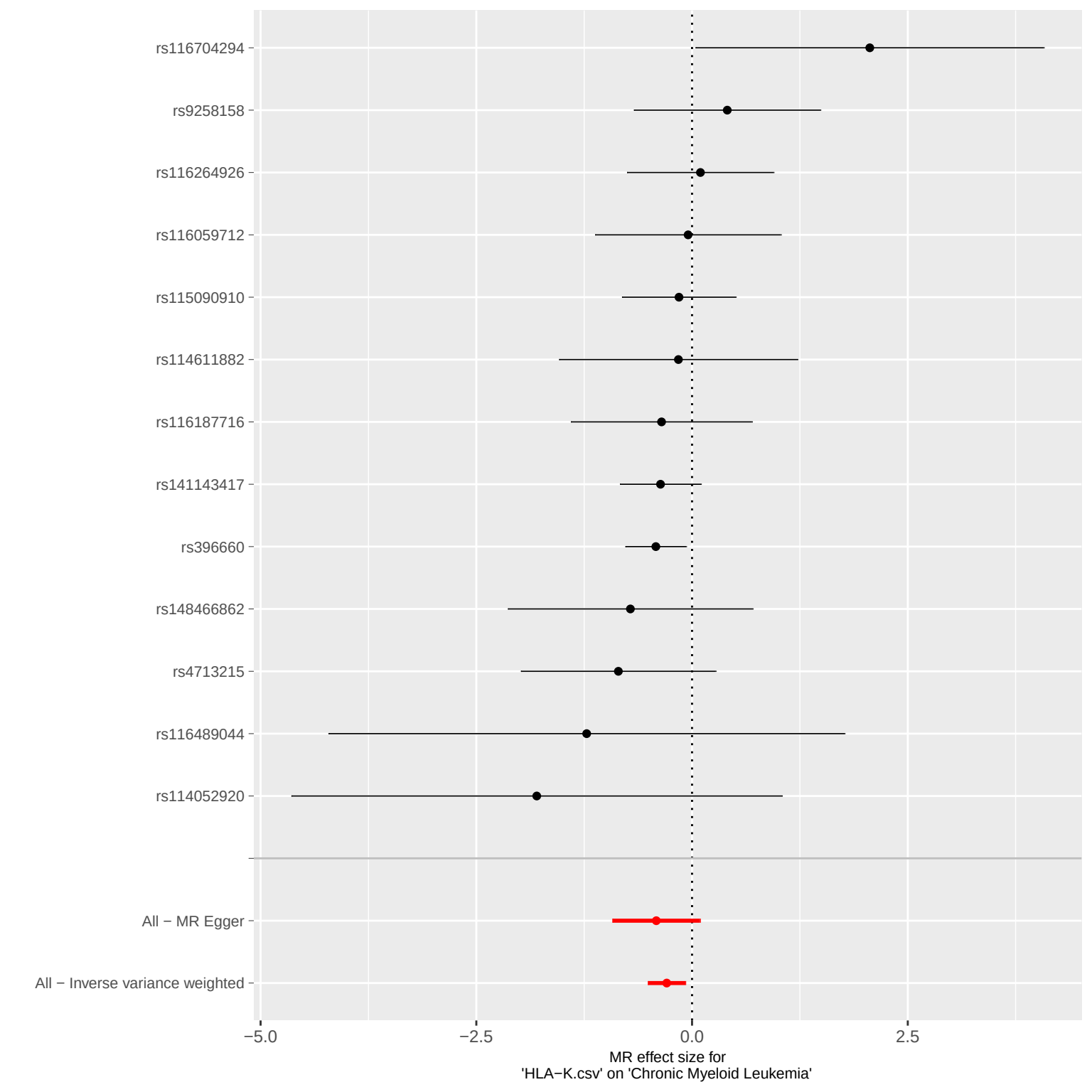
MR effect size for
'HLA−E.csv' on 'Chronic Myeloid Leukemia'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rs4713215
rs116489044
rs114052920
All − MR Egger
All − Inverse variance weighted
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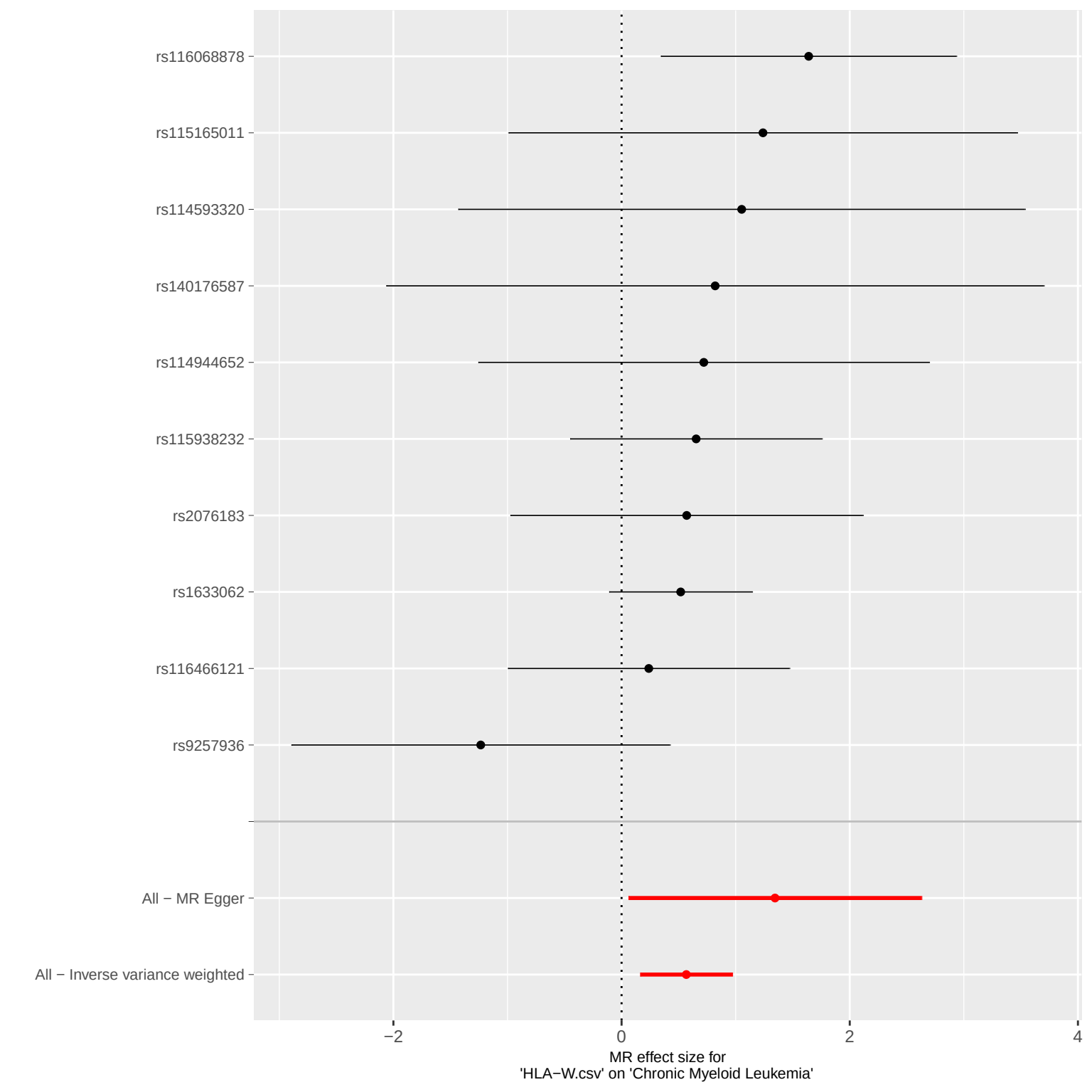
0.0
2.5
MR effect size for
'HLA−K.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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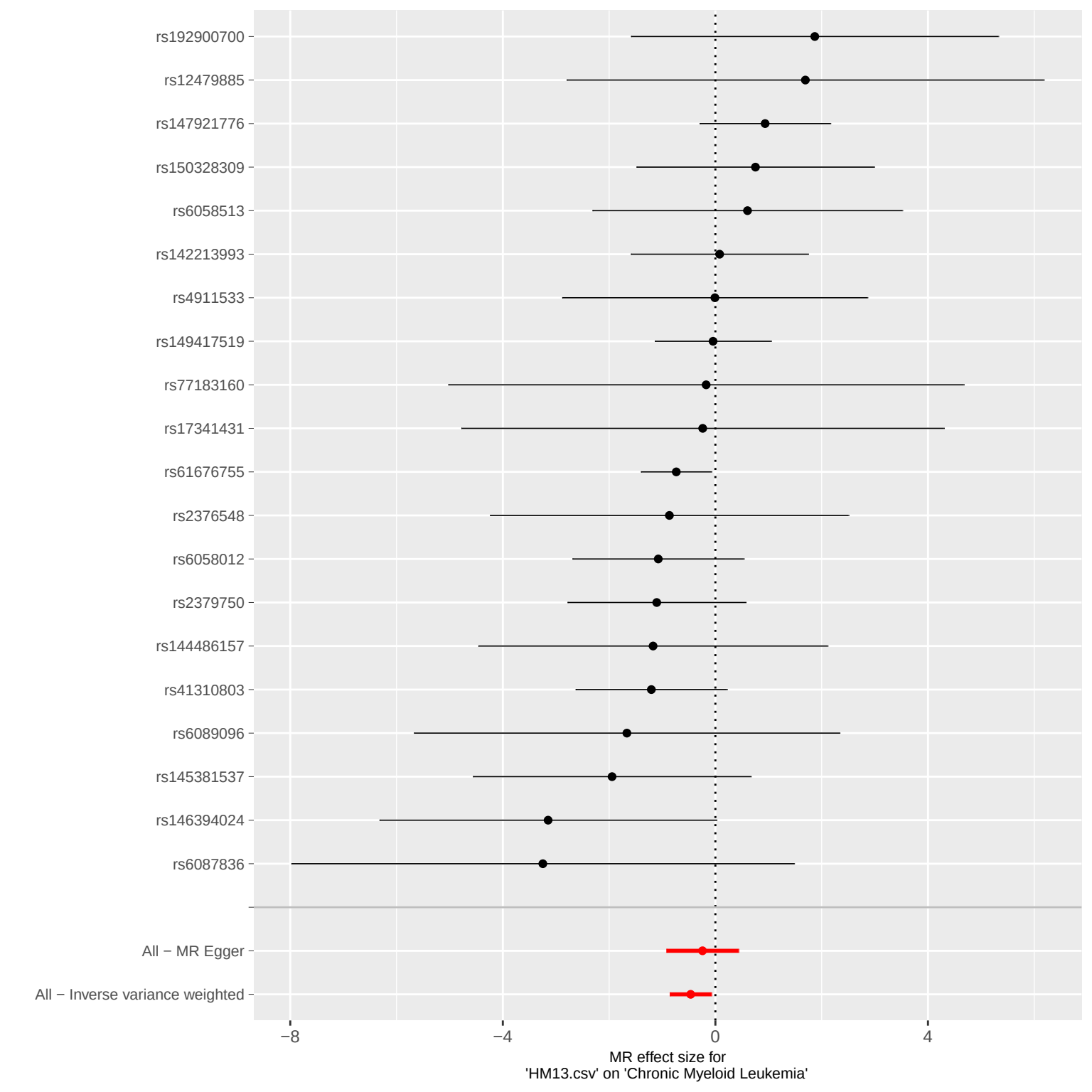
MR effect size for
'HLA−W.csv' on 'Chronic Myeloid Leukemia'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rs61676755
rs2376548
rs6058012
rs2379750
rs144486157
rs41310803
rs6089096
rs145381537
rs146394024
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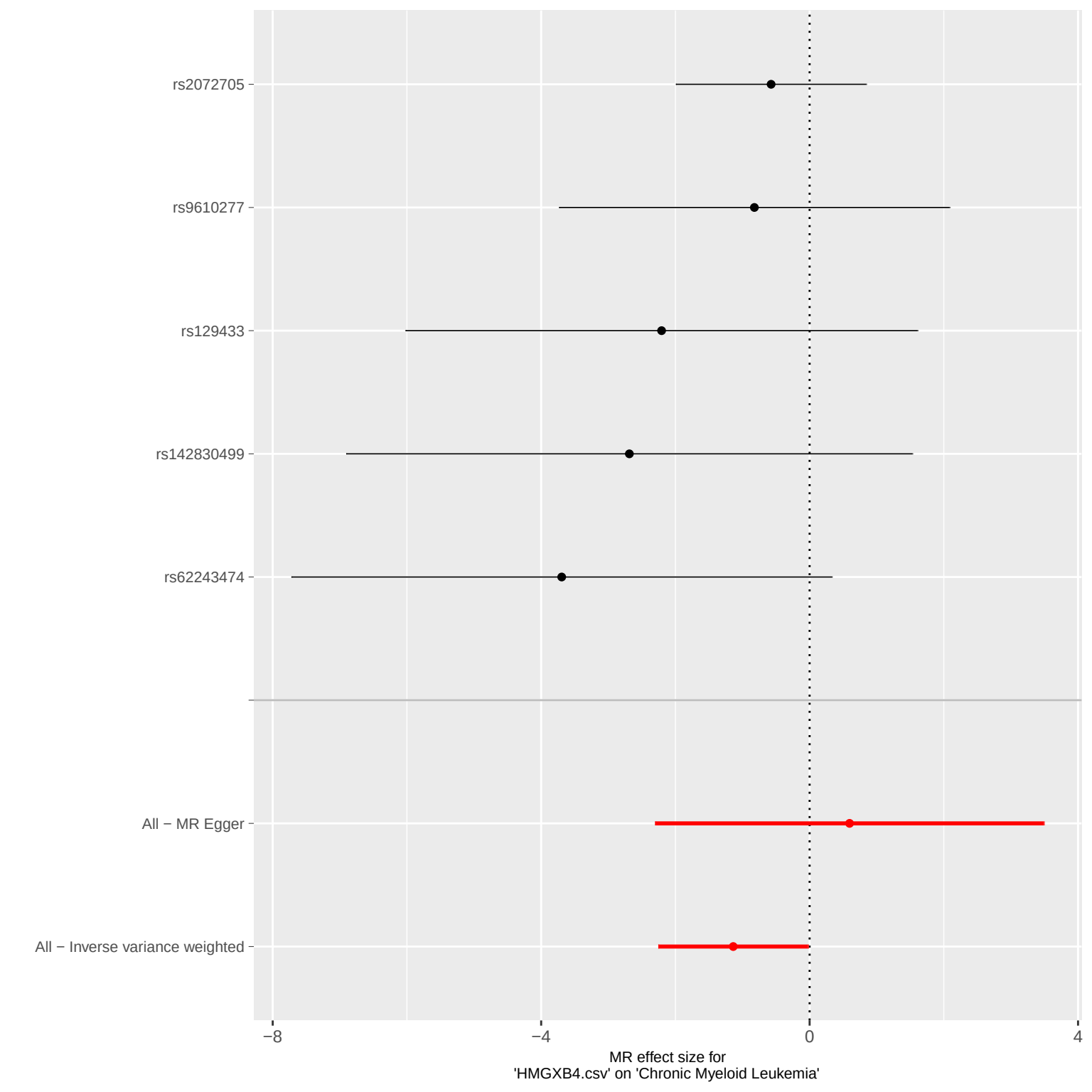
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'HM13.csv' on 'Chronic Myeloid Leukemia'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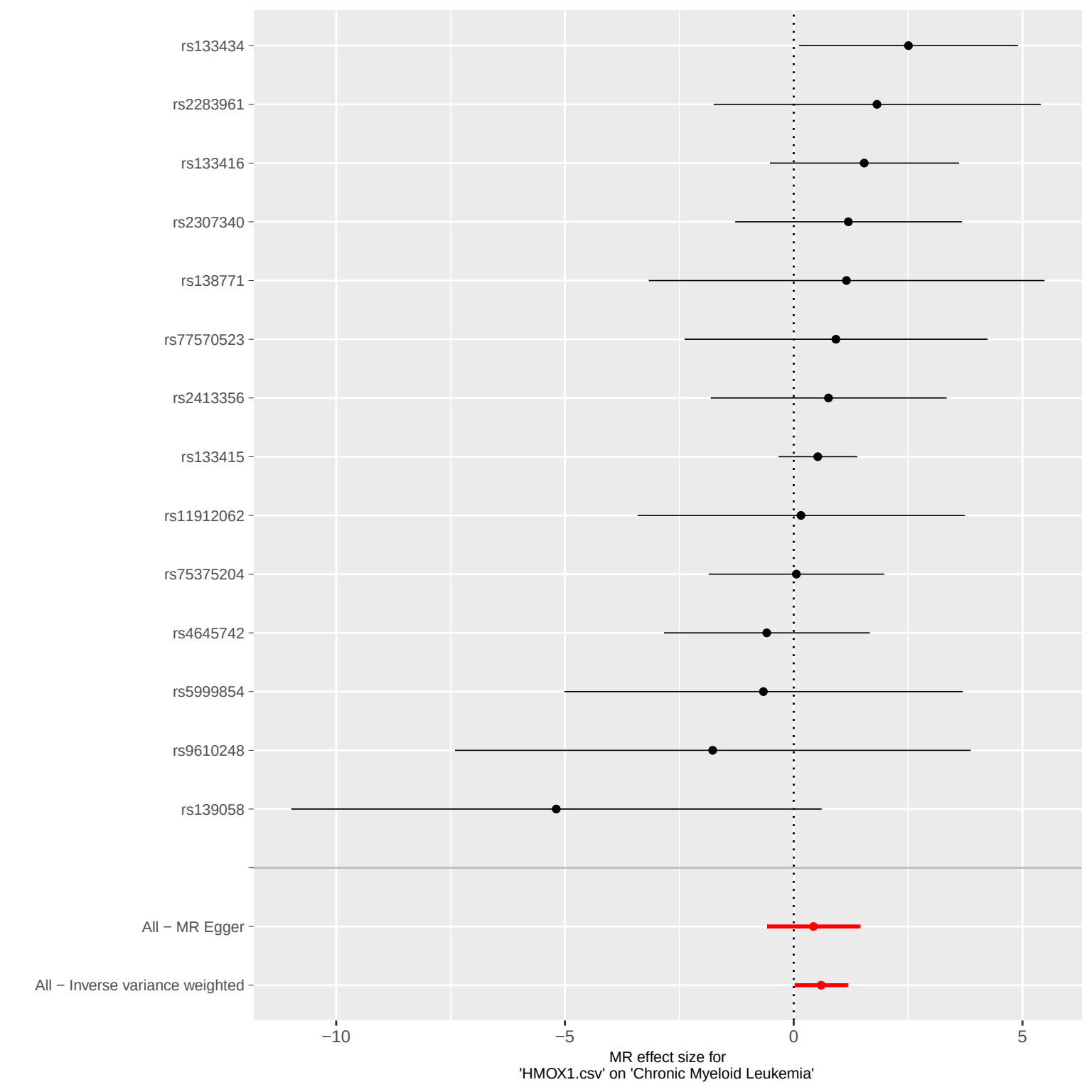
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'HMGXB4.csv' on 'Chronic Myeloid Leukemia'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rs4645742
rs5999854
rs9610248
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All − MR Egger
All − Inverse variance weighted
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−5
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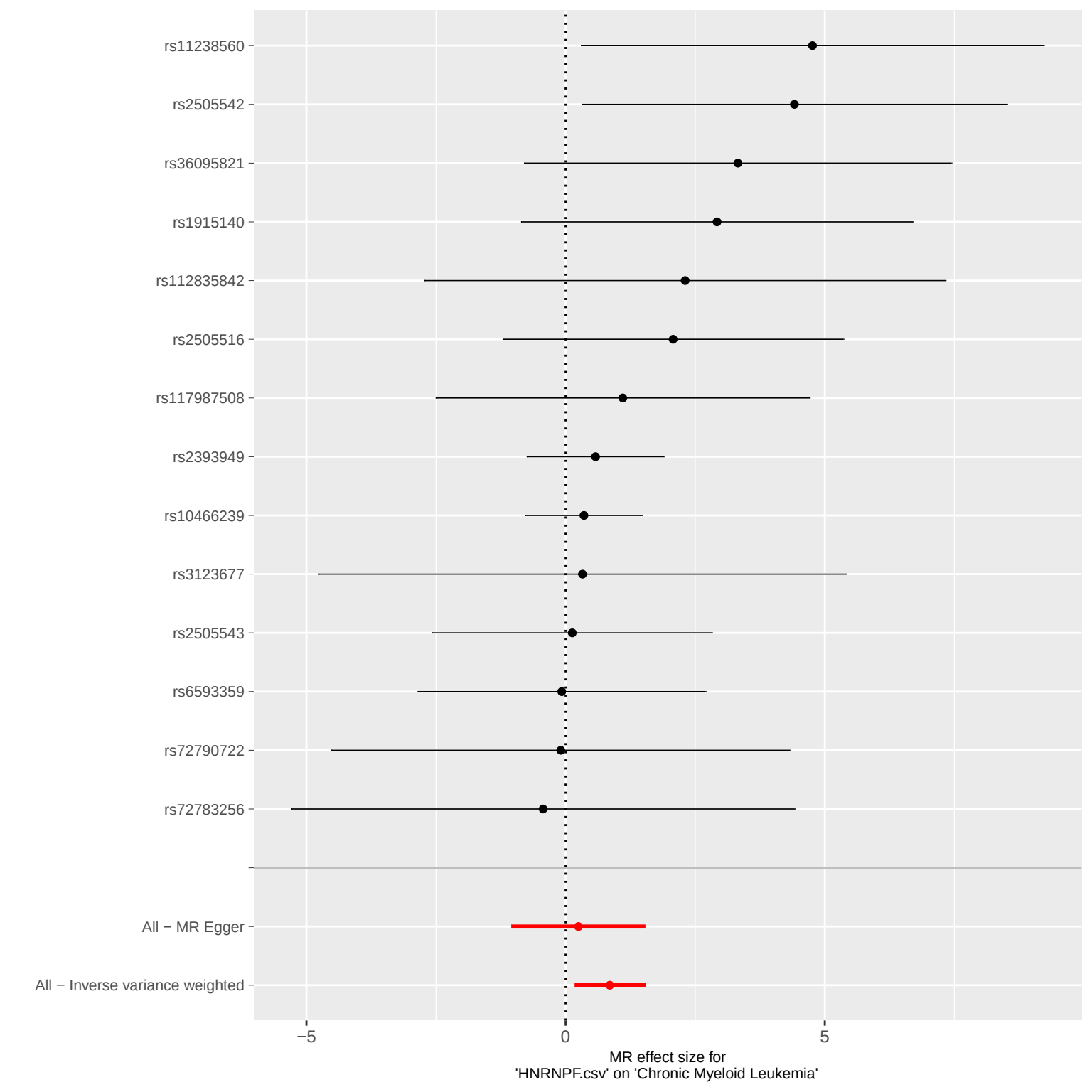
MR effect size for
'HMOX1.csv' on 'Chronic Myeloid Leukemia'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rs6593359
rs72790722
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All − MR Egger
All − Inverse variance weighted
−5
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MR effect size for
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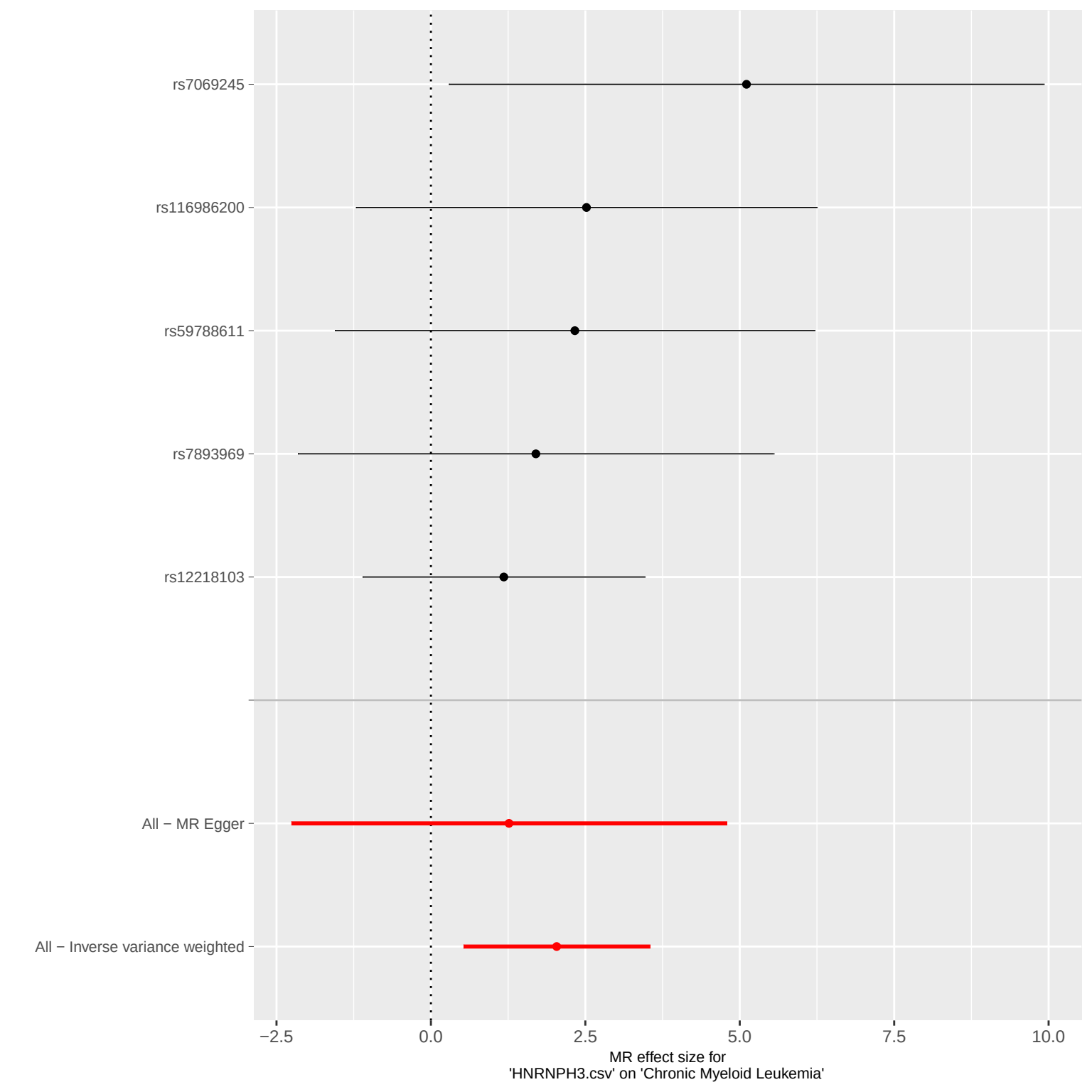
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All − MR Egger
All − Inverse variance weighted
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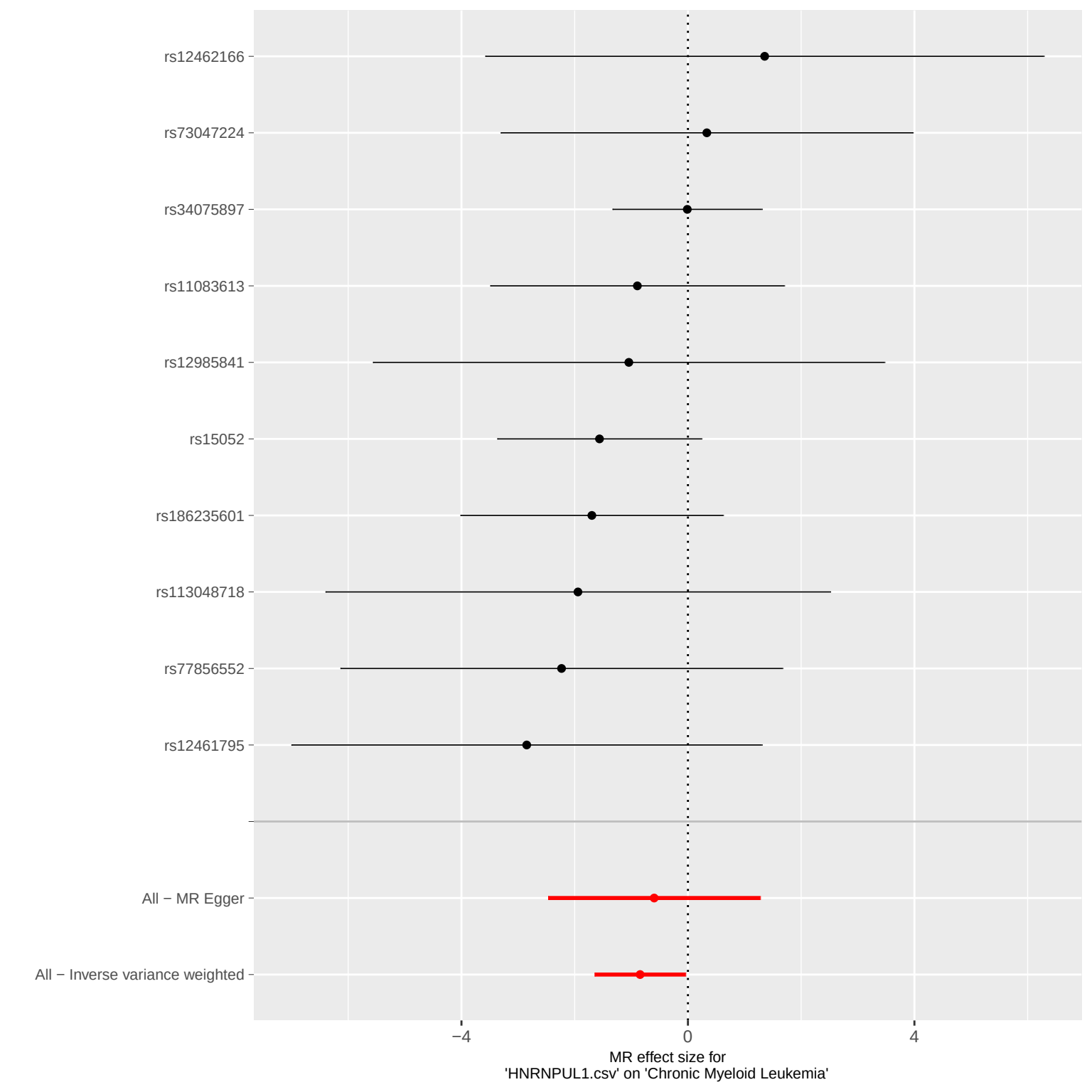
2.5
5.0
7.5
10.0
MR effect size for
'HNRNPH3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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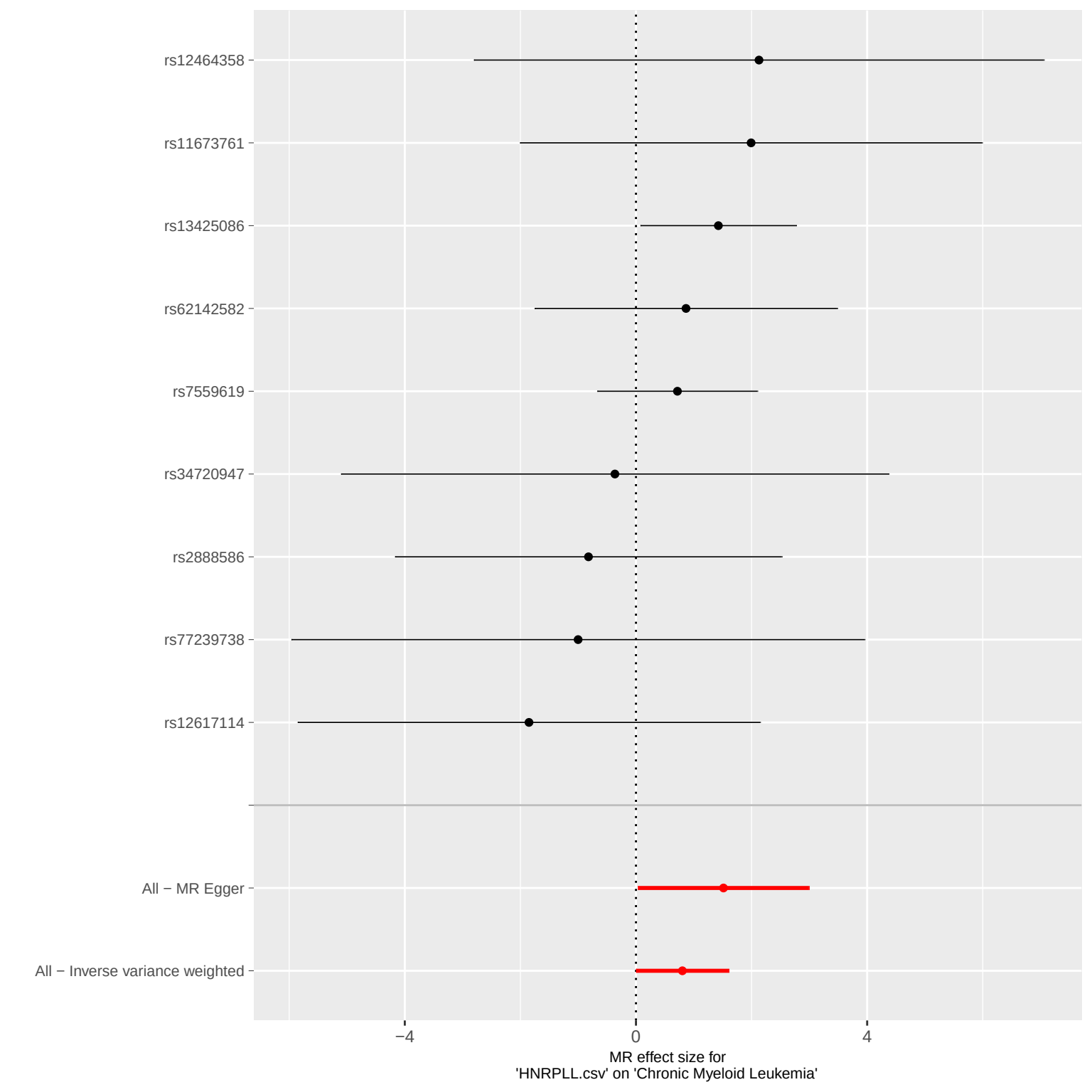
4
MR effect size for
'HNRNPUL1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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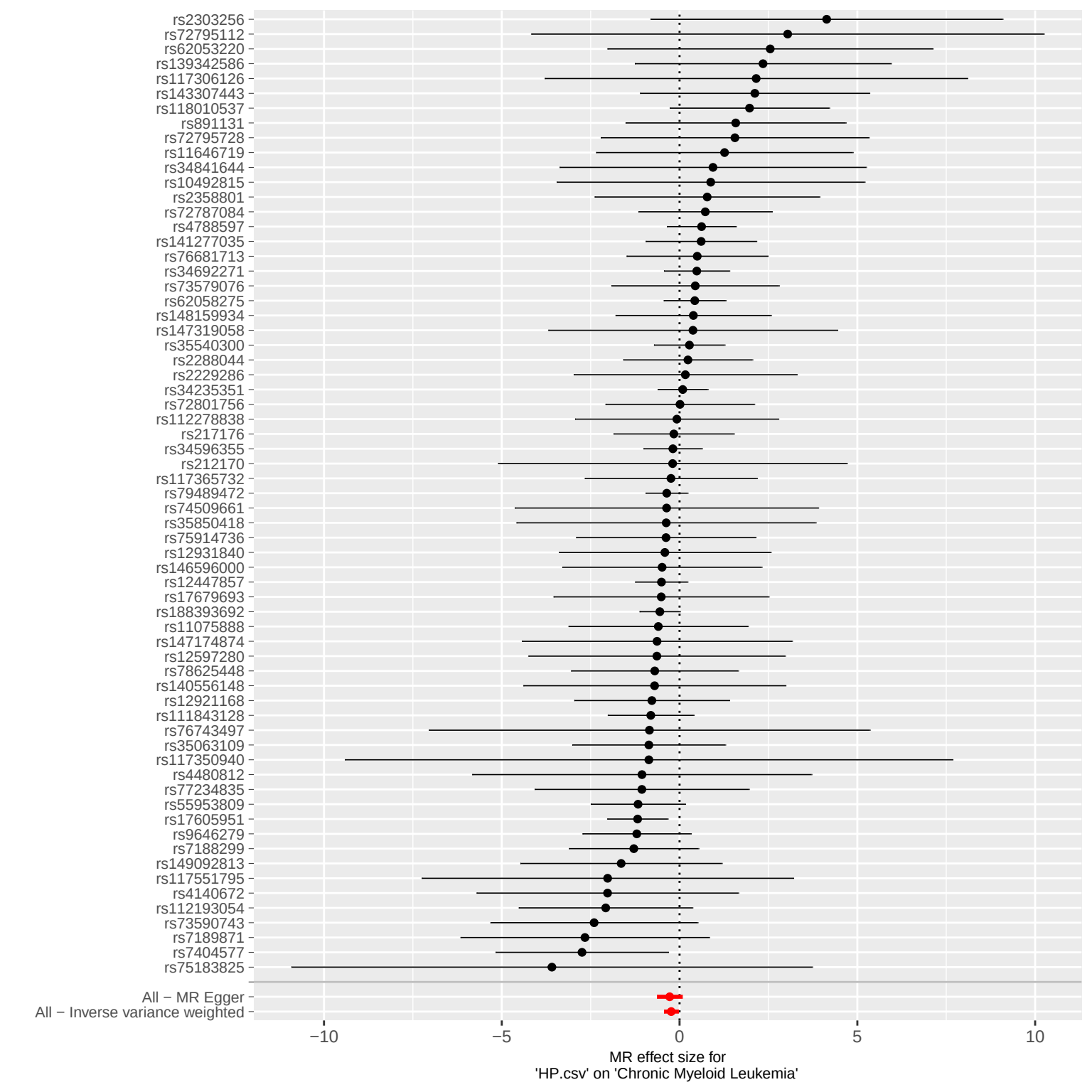
MR effect size for
'HNRPLL.csv' on 'Chronic Myeloid Leukemia'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rs4140672
rs112193054
rs73590743
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rs7404577
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All − MR Egger
All − Inverse variance weighted
−10
−5
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5
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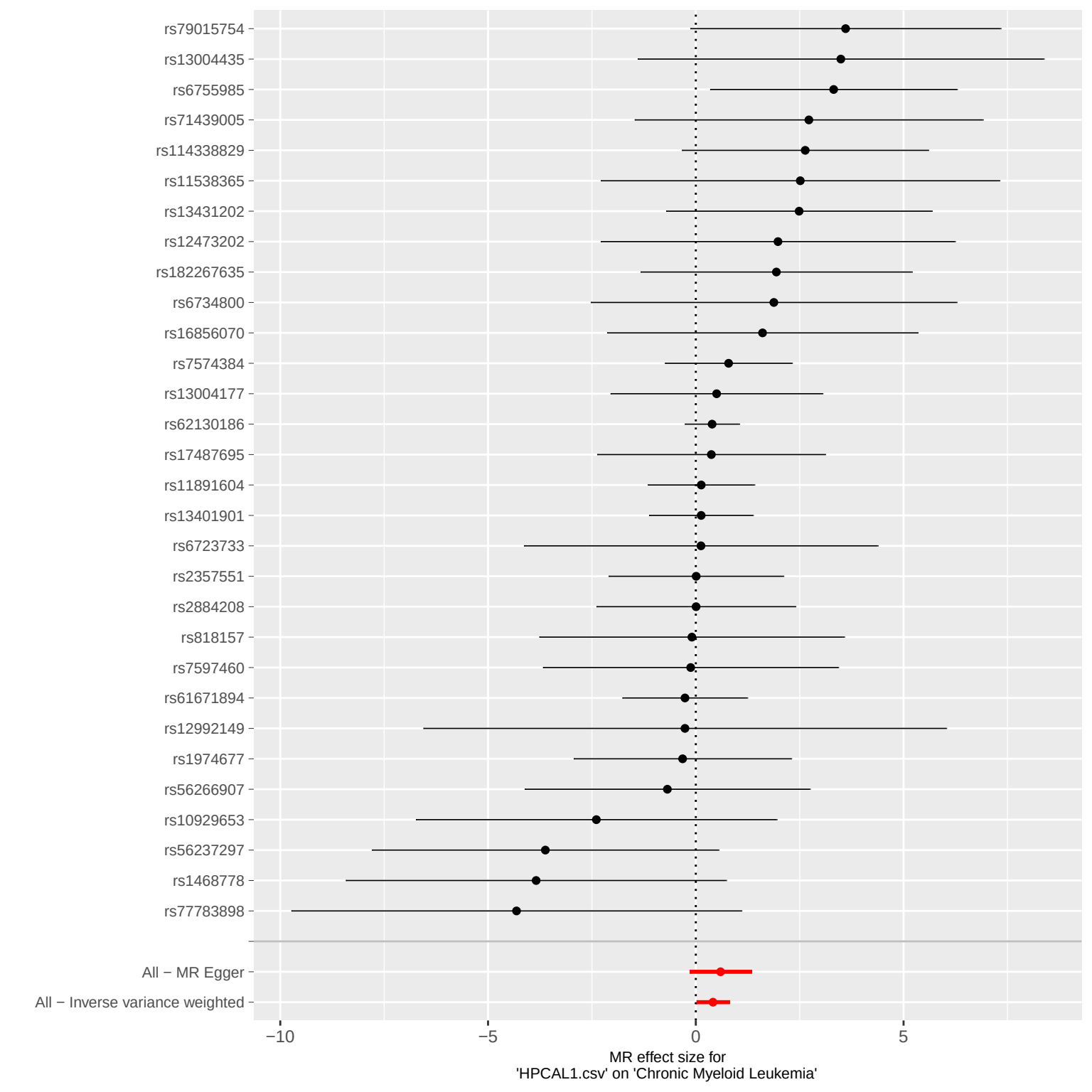
MR effect size for
'HP.csv' on 'Chronic Myeloid Leukemia'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rs17487695
rs11891604
rs13401901
rs6723733
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rs818157
rs7597460
rs61671894
rs12992149
rs1974677
rs56266907
rs10929653
rs56237297
rs1468778
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All − MR Egger
All − Inverse variance weighted
−10
−5
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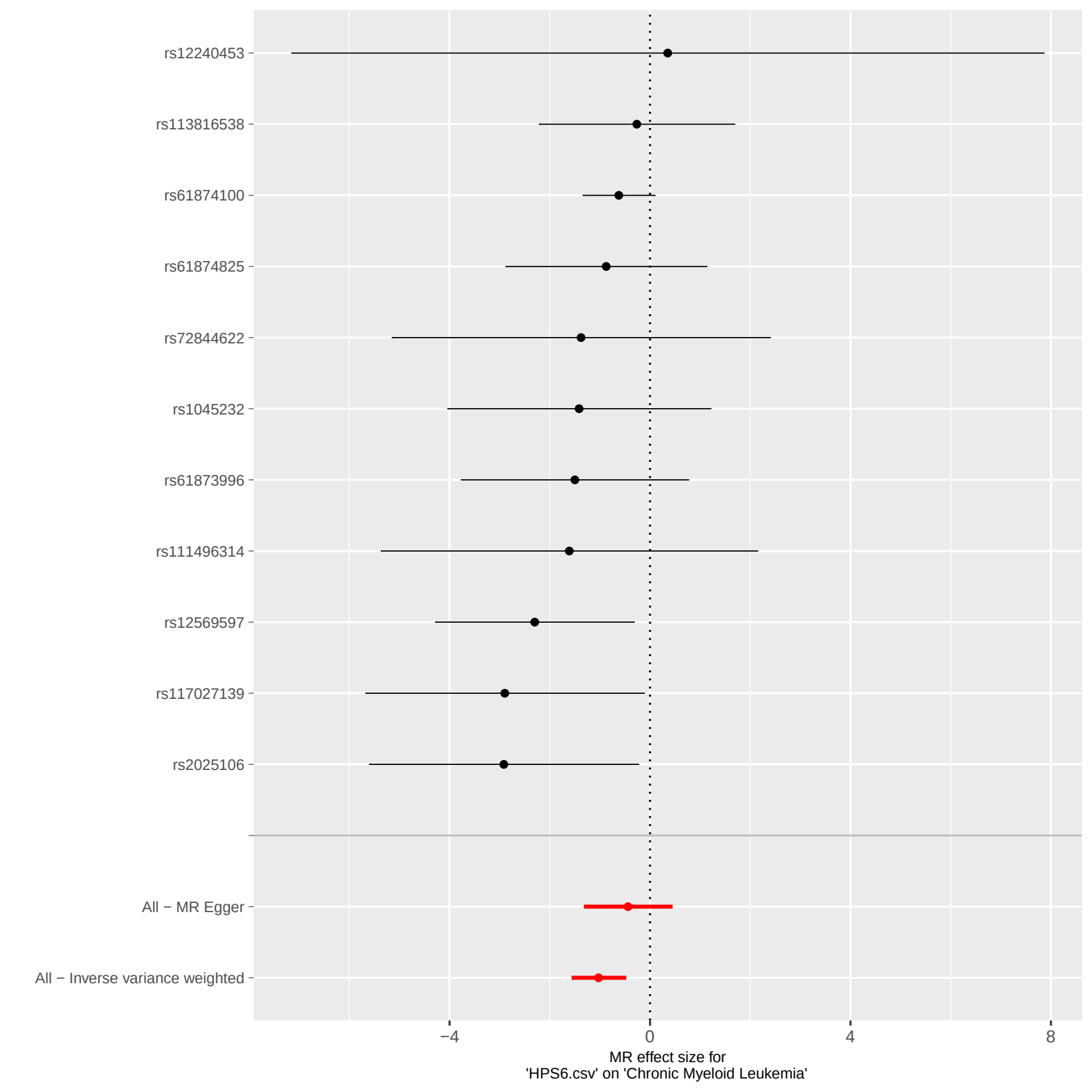
MR effect size for
'HPCAL1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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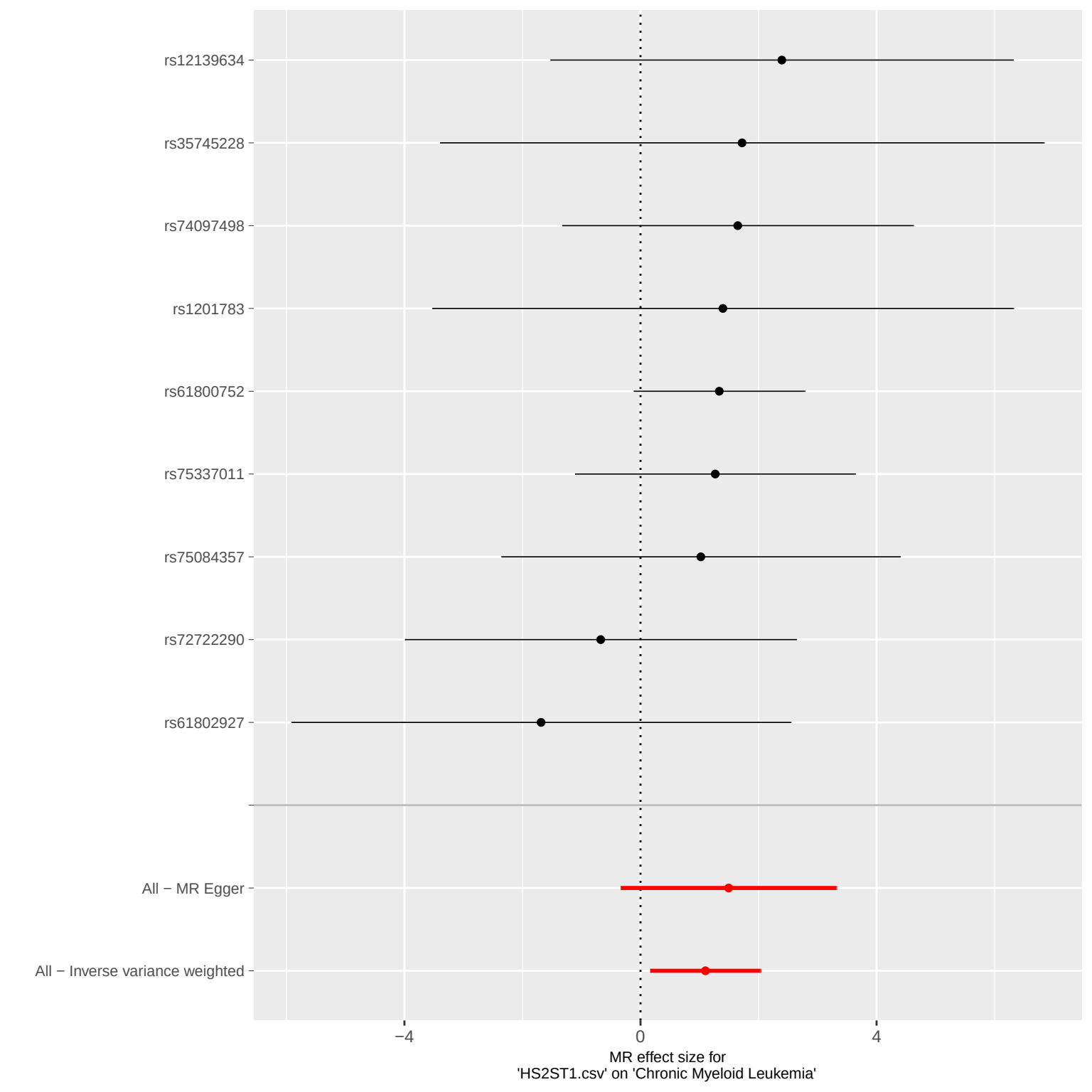
MR effect size for
'HPS6.csv' on 'Chronic Myeloid Leukemia'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rs72722290
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All − MR Egger
All − Inverse variance weighted
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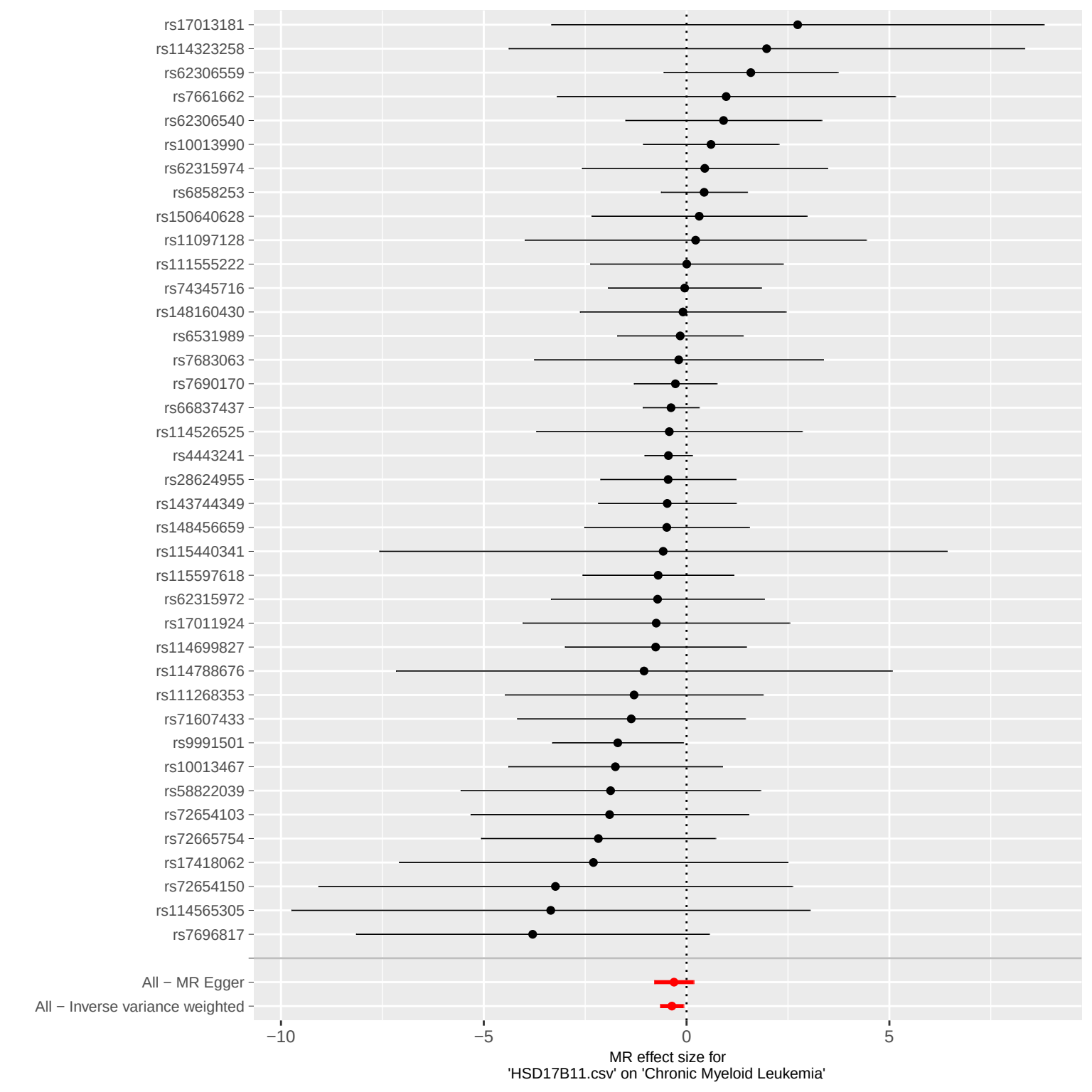
MR effect size for
'HS2ST1.csv' on 'Chronic Myeloid Leukemia'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rs72654103
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rs17418062
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All − MR Egger
All − Inverse variance weighted
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−5
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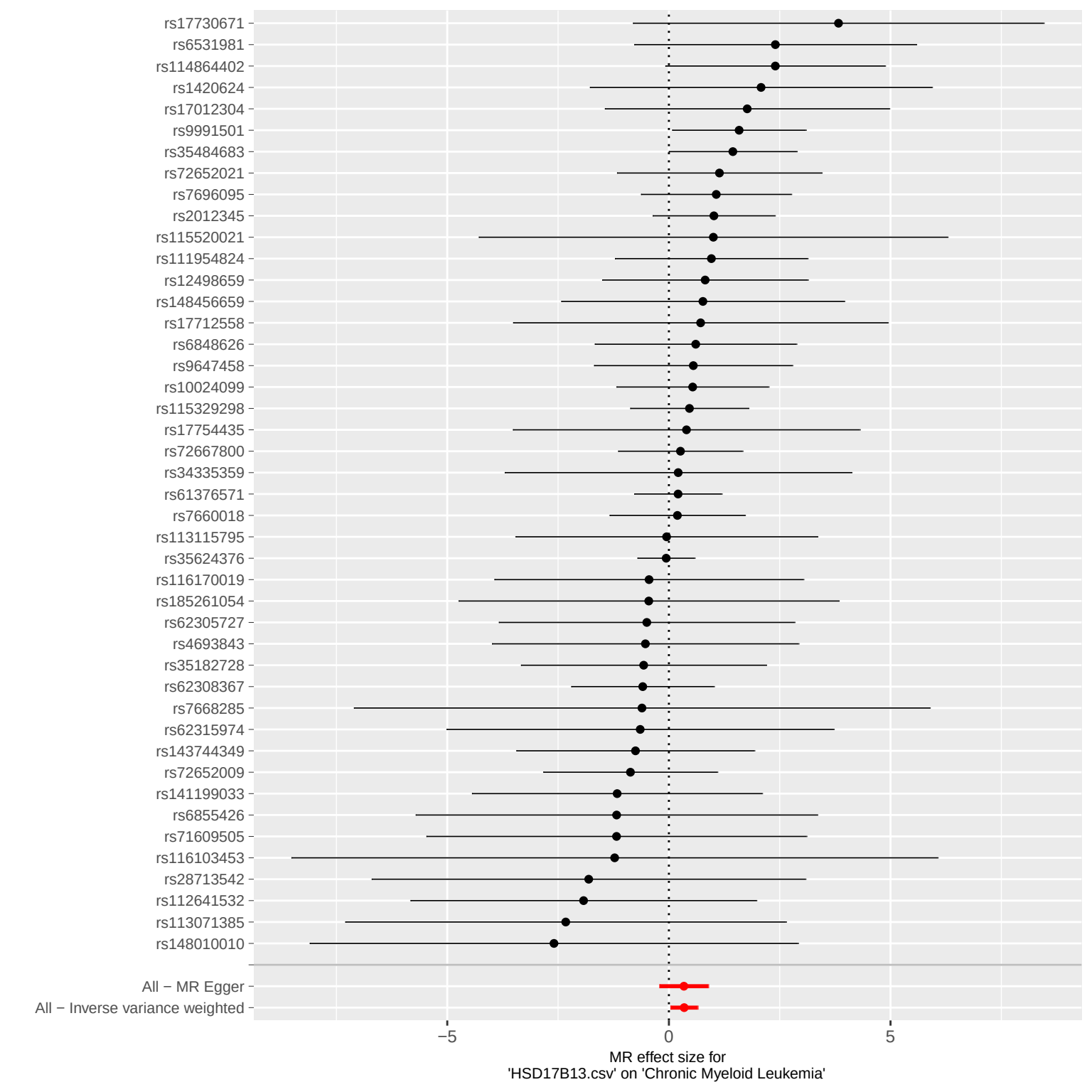
MR effect size for
'HSD17B11.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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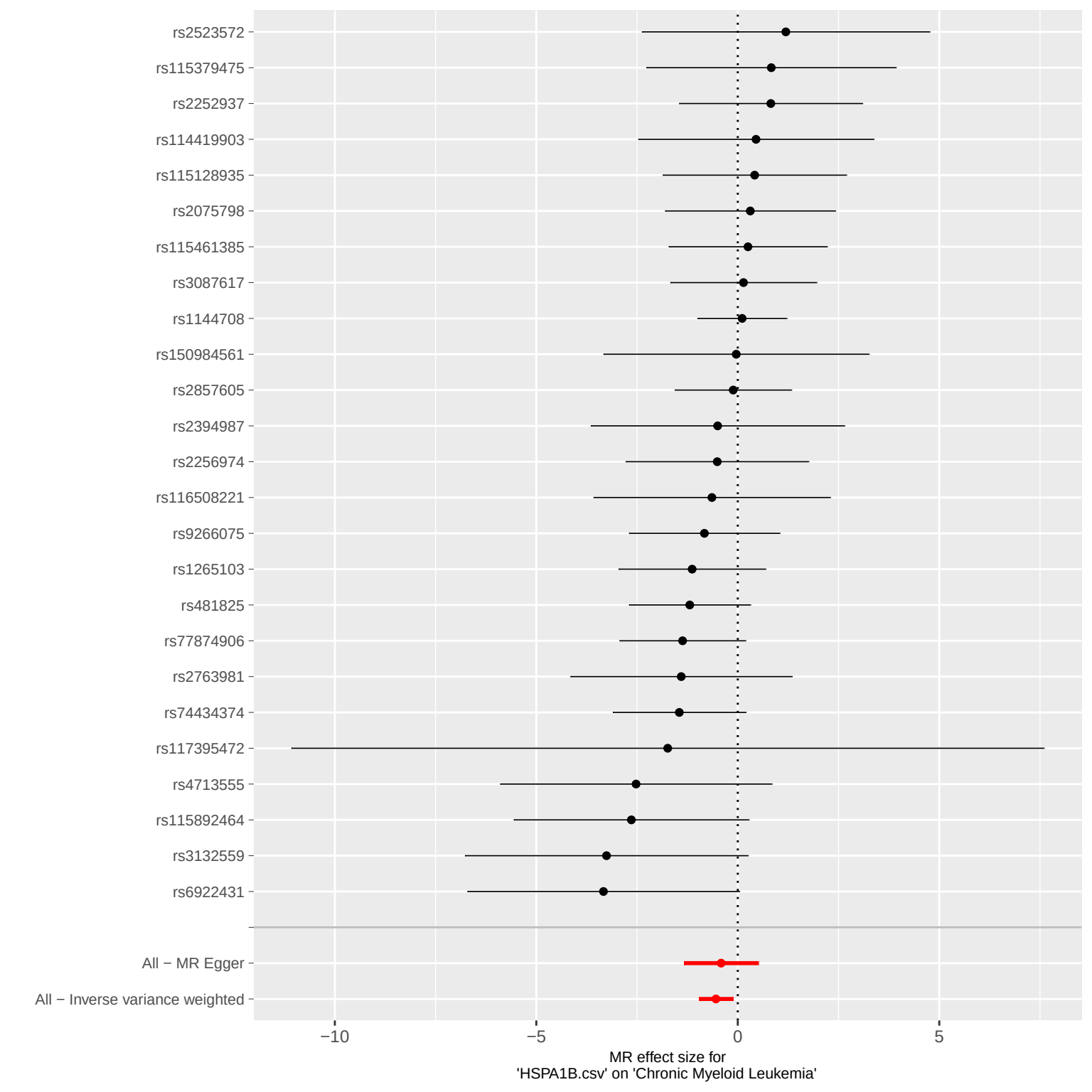
MR effect size for
'HSD17B13.csv' on 'Chronic Myeloid Leukemia'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rs3132559
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All − MR Egger
All − Inverse variance weighted
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−5
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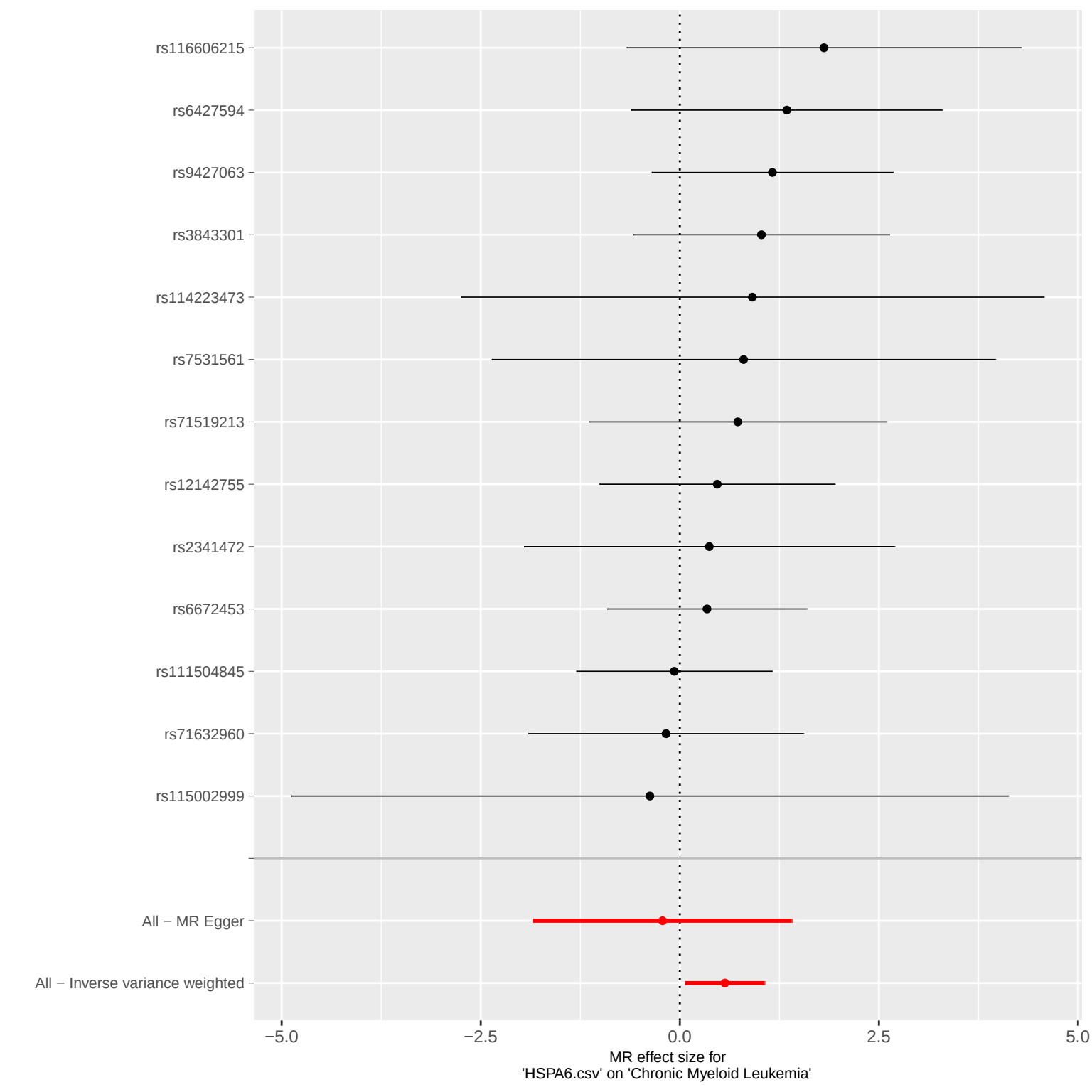
MR effect size for
'HSPA1B.csv' on 'Chronic Myeloid Leukemia'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rs115002999
All − MR Egger
All − Inverse variance weighted
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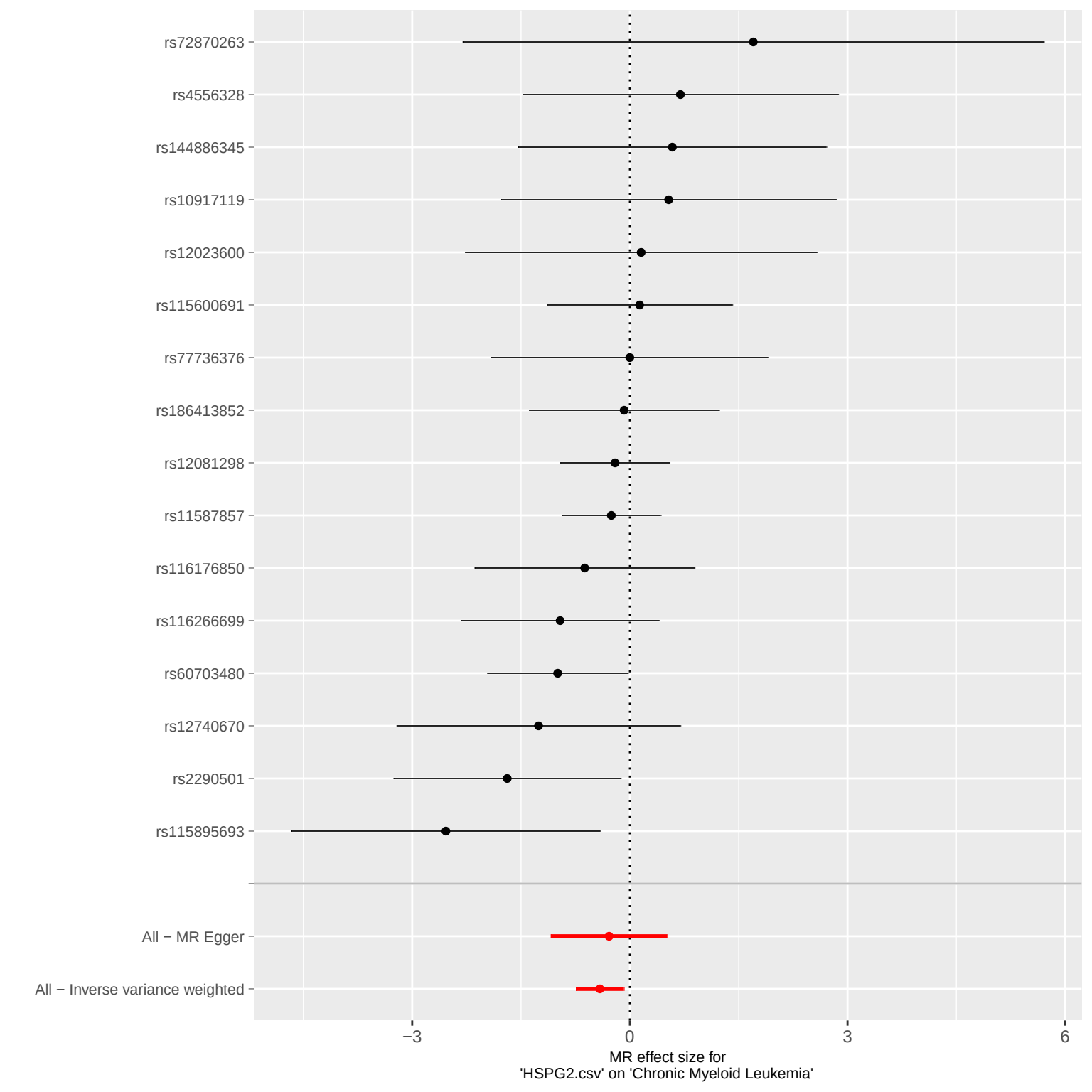
−2.5
0.0
2.5
5.0
MR effect size for
'HSPA6.csv' on 'Chronic Myeloid Leukemia'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rs116266699
rs60703480
rs12740670
rs2290501
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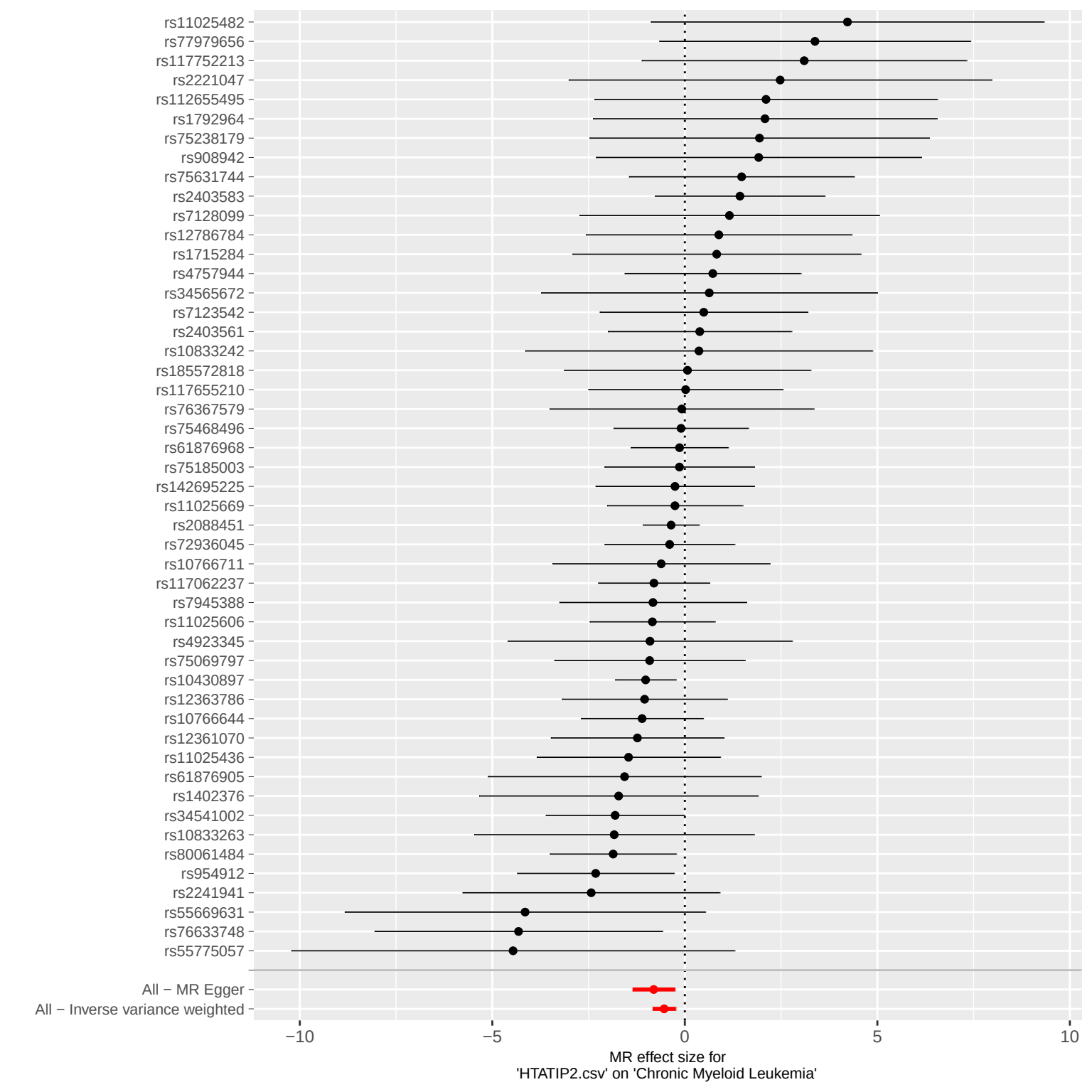
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'HSPG2.csv' on 'Chronic Myeloid Leukemia'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rs80061484
rs954912
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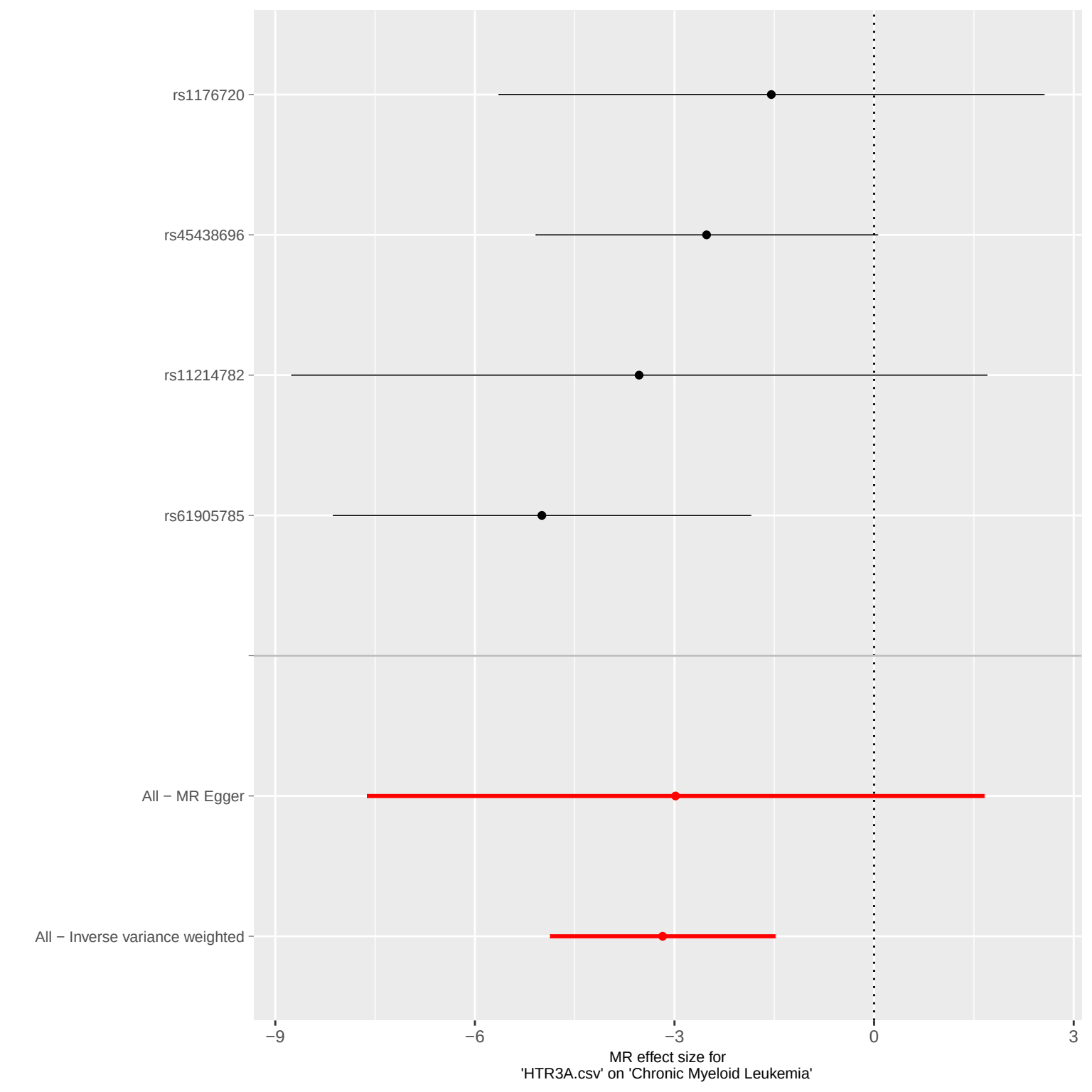
rs76633748
rs55775057
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'HTATIP2.csv' on 'Chronic Myeloid Leukemia'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−3
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MR effect size for
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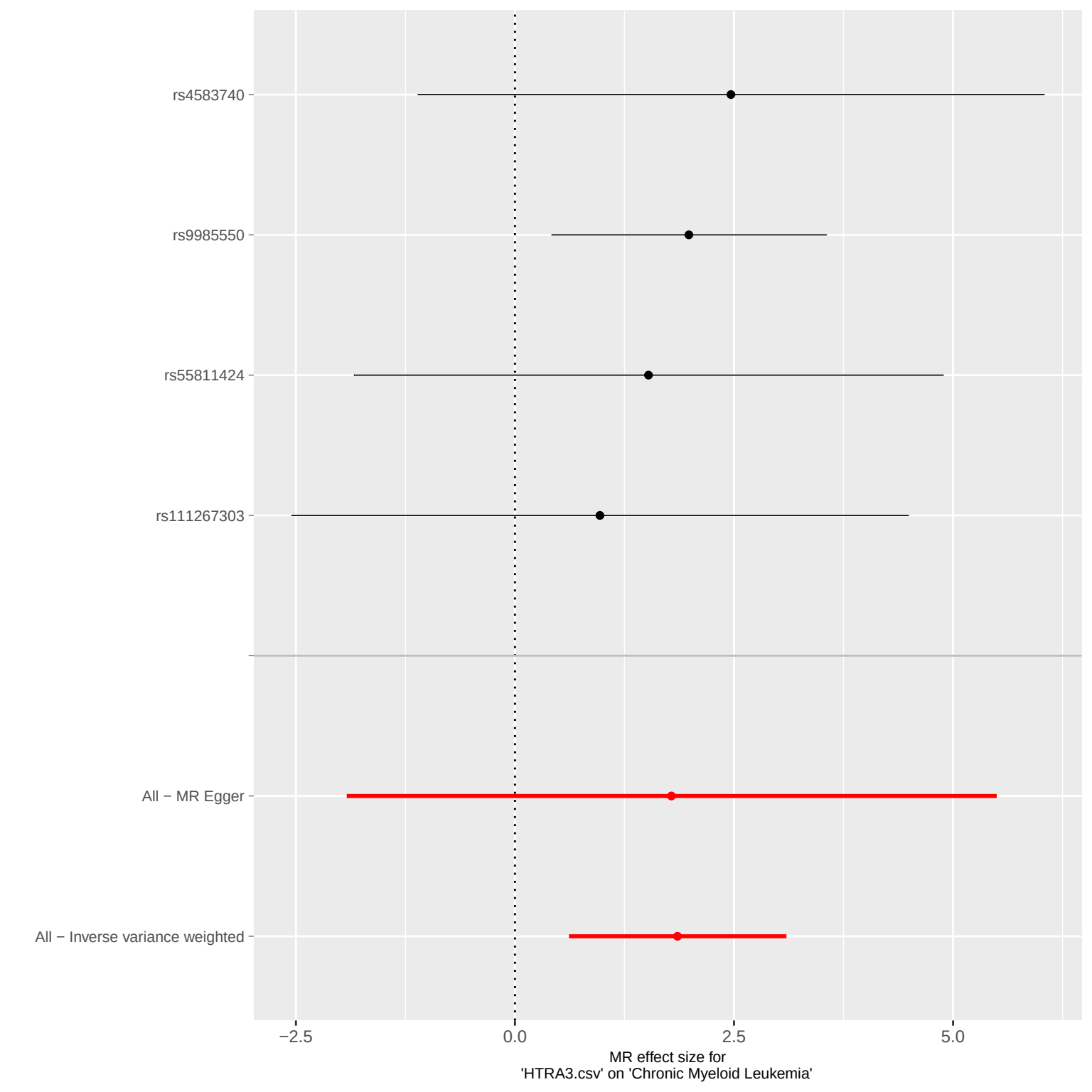
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rs55811424
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All − MR Egger
All − Inverse variance weighted
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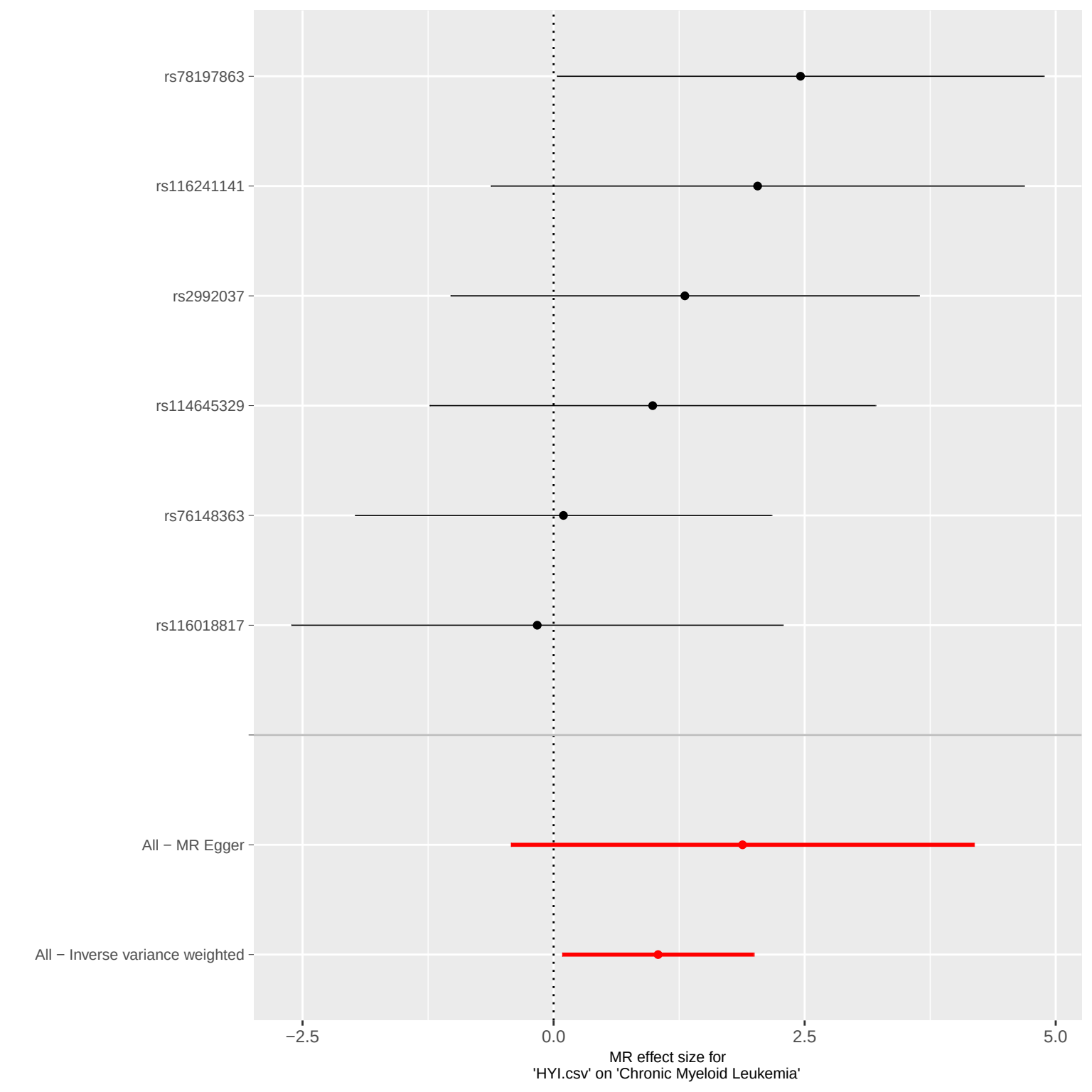
0.0
2.5
5.0
MR effect size for
'HTRA3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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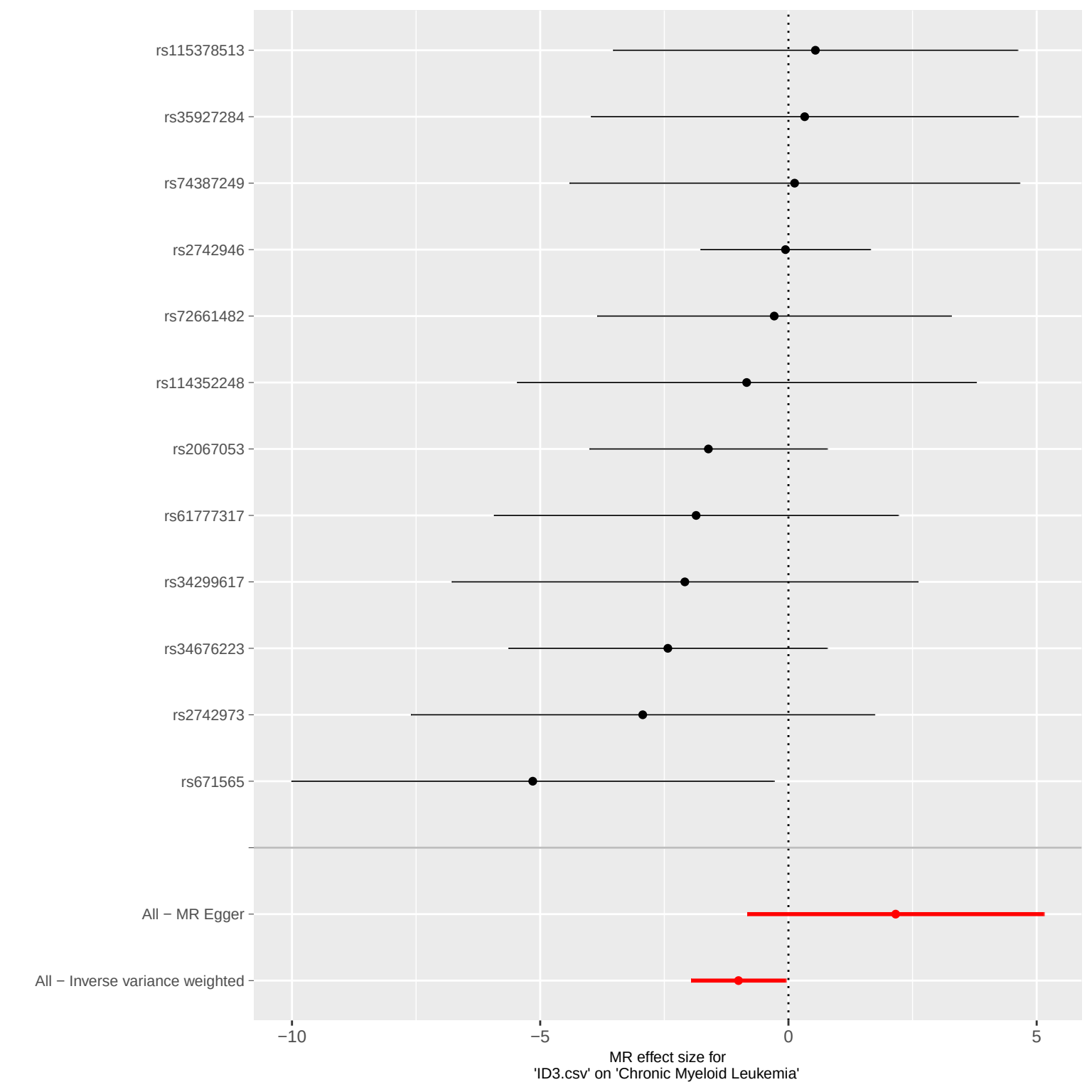
2.5
5.0
MR effect size for
'HYI.csv' on 'Chronic Myeloid Leukemia'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rs2742973
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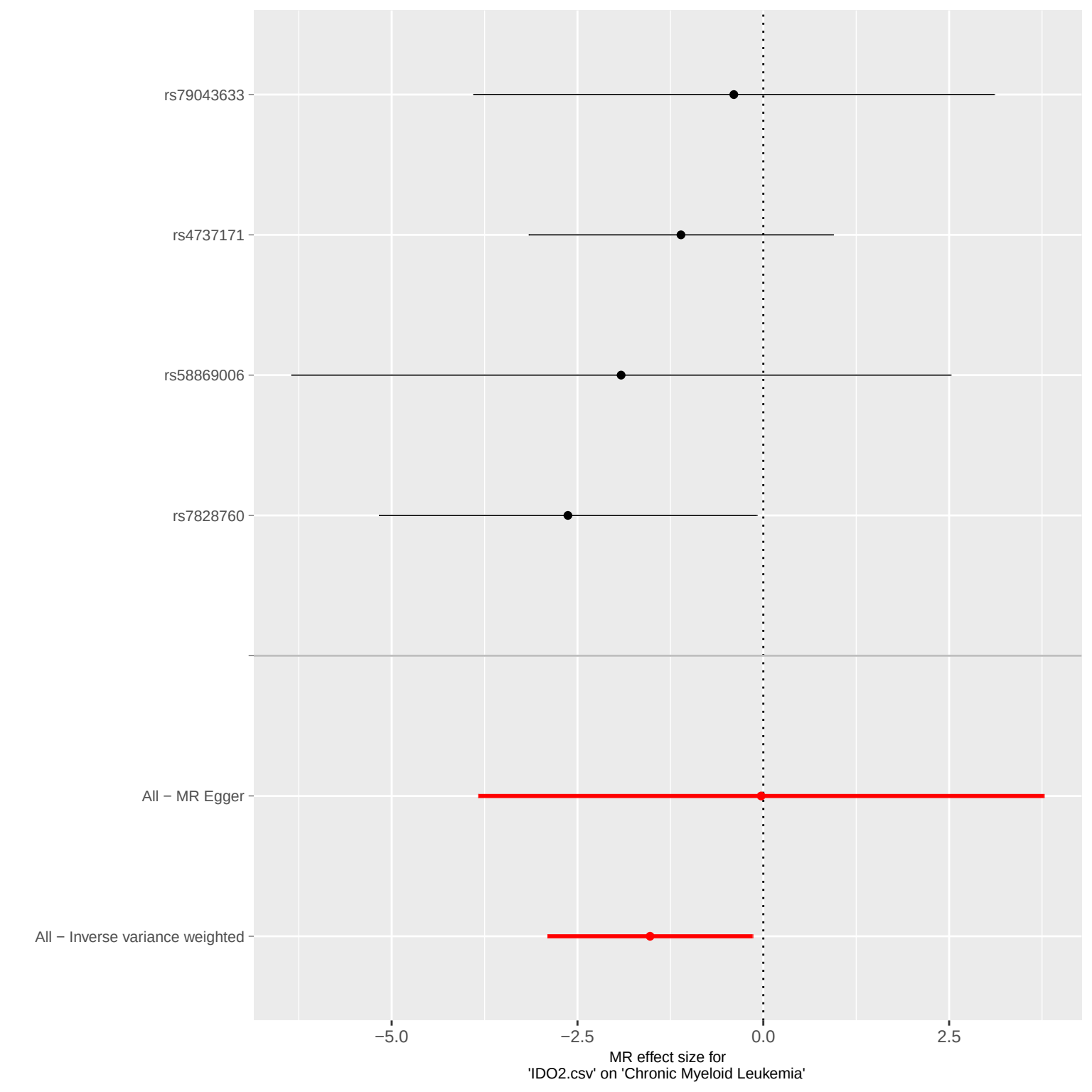
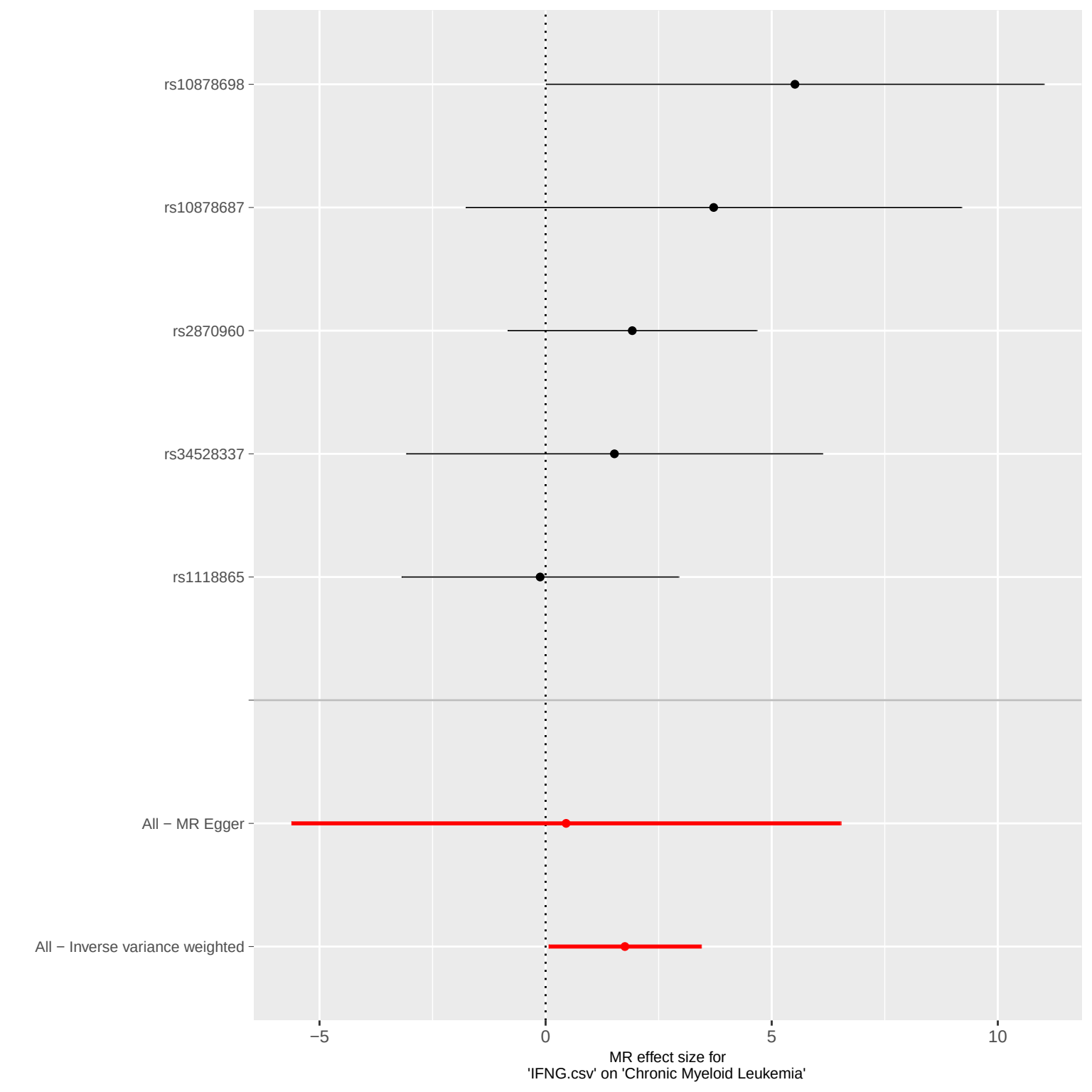
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ID3.csv' on 'Chronic Myeloid Leukemia'


rs79043633
rs4737171
rs58869006
rs7828760
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'IDO2.csv' on 'Chronic Myeloid Leukemia'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rs2870960
rs34528337
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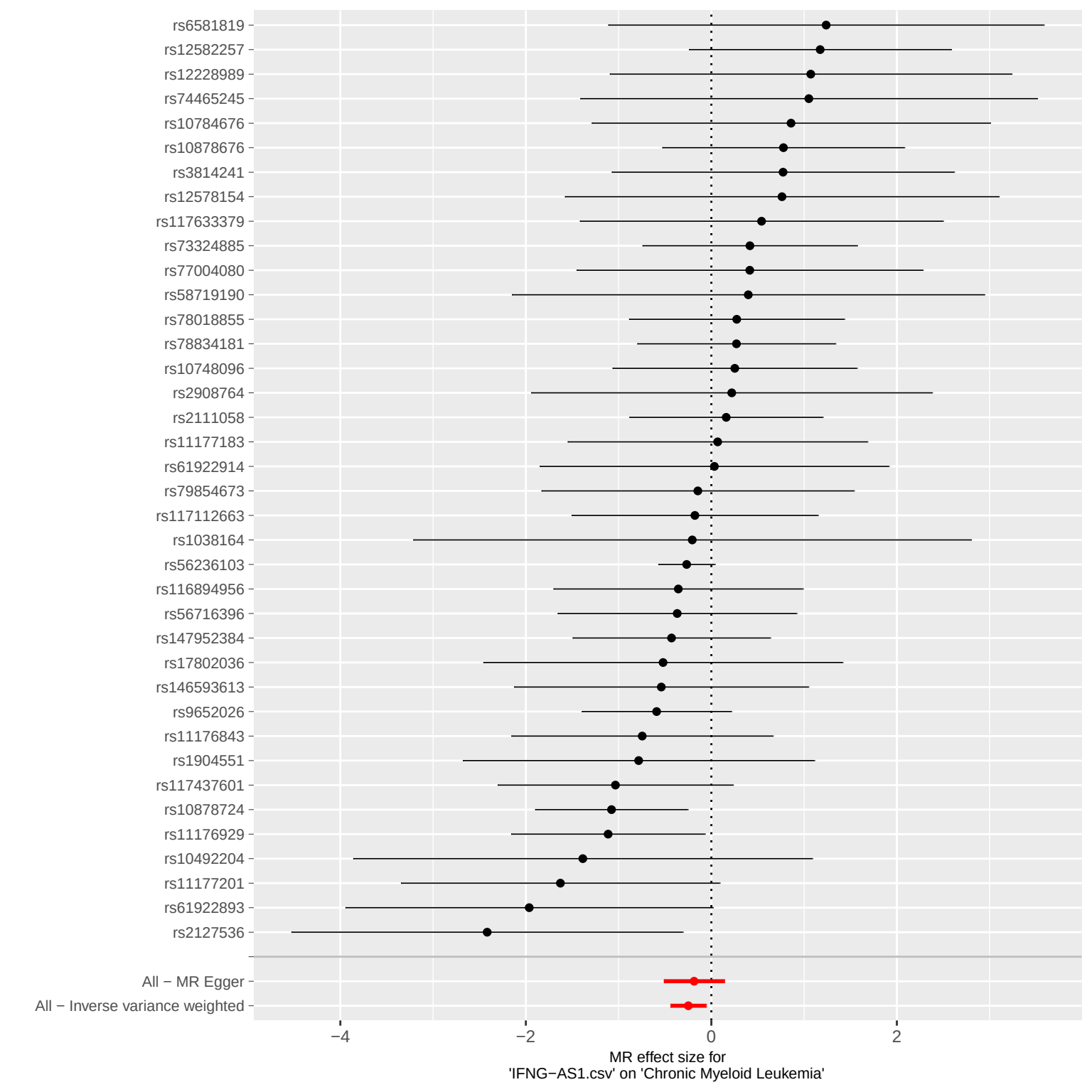
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'IFNG.csv' on 'Chronic Myeloid Leukemia'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rs78834181
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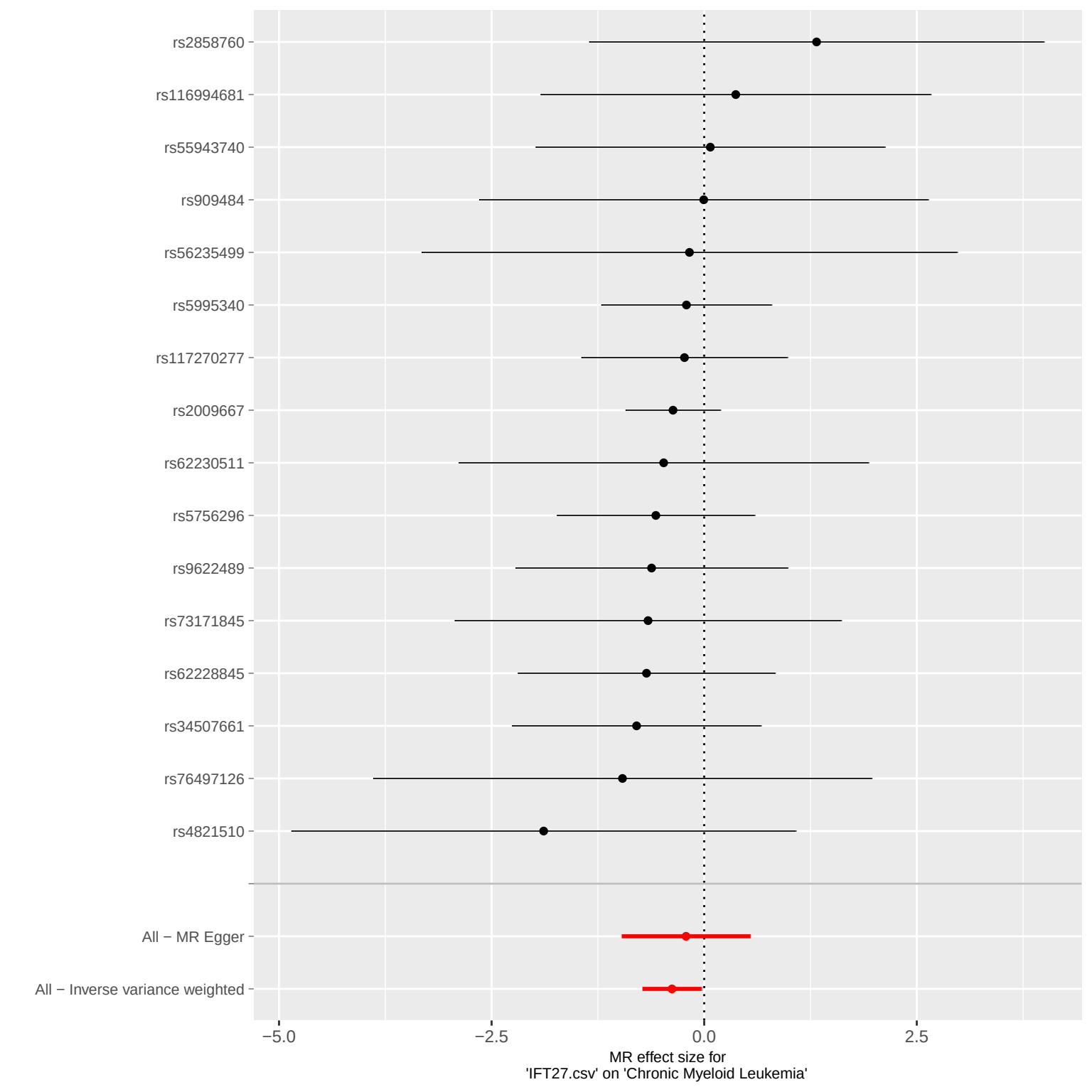
rs2111058
rs11177183
rs61922914
rs79854673
rs117112663
rs1038164
rs56236103
rs116894956
rs56716396
rs147952384
rs17802036
rs146593613
rs9652026
rs11176843
rs1904551
rs117437601
rs10878724
rs11176929
rs10492204
rs11177201
rs61922893
rs2127536
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IFNG−AS1.csv' on 'Chronic Myeloid Leukemia'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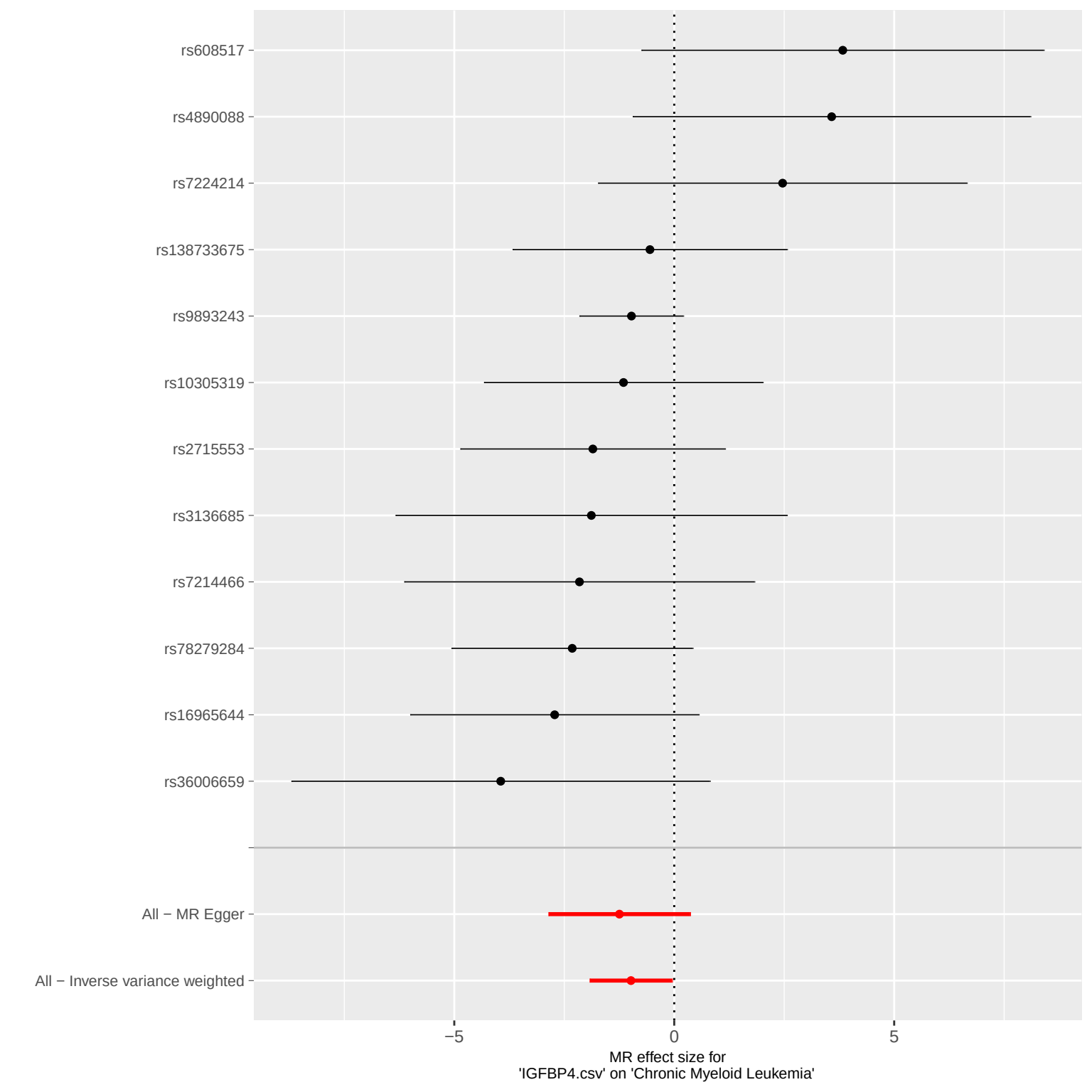
rs117270277
rs2009667
rs62230511
rs5756296
rs9622489
rs73171845
rs62228845
rs34507661
rs76497126
rs4821510
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'IFT27.csv' on 'Chronic Myeloid Leukemia'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rs7224214
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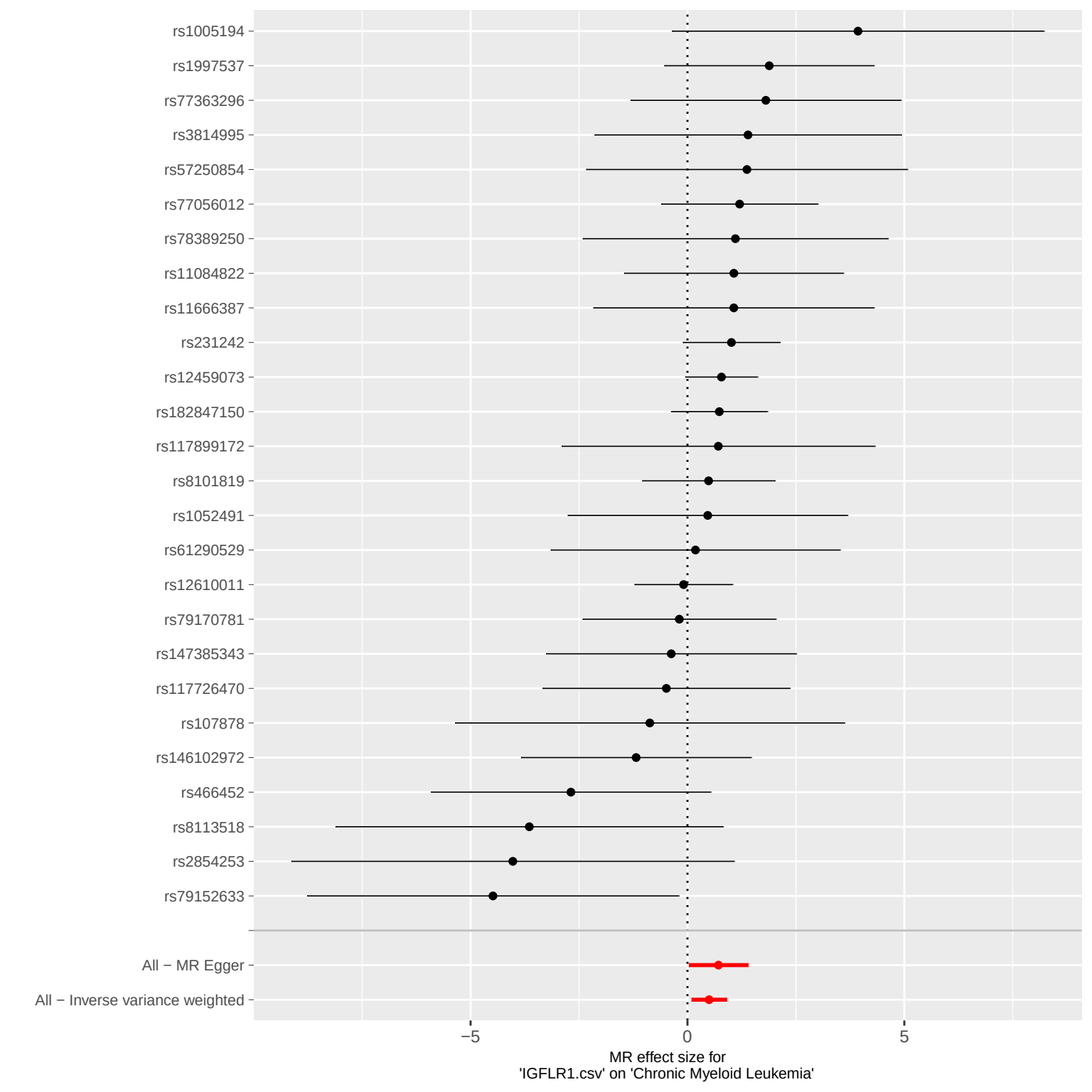
rs9893243
rs10305319
rs2715553
rs3136685
rs7214466
rs78279284
rs16965644
rs36006659
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'IGFBP4.csv' on 'Chronic Myeloid Leukemia'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rs12610011
rs79170781
rs147385343
rs117726470
rs107878
rs146102972
rs466452
rs8113518
rs2854253
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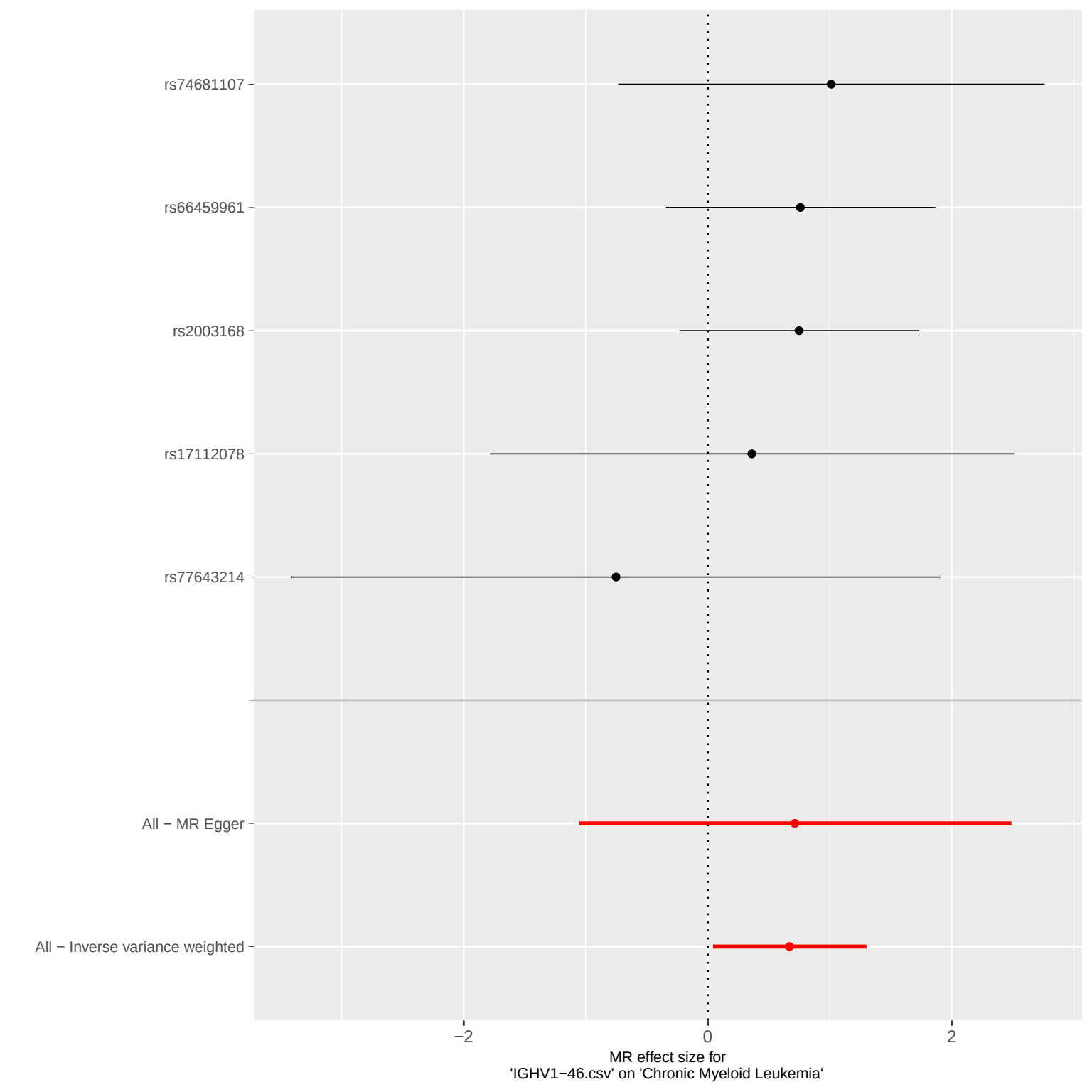
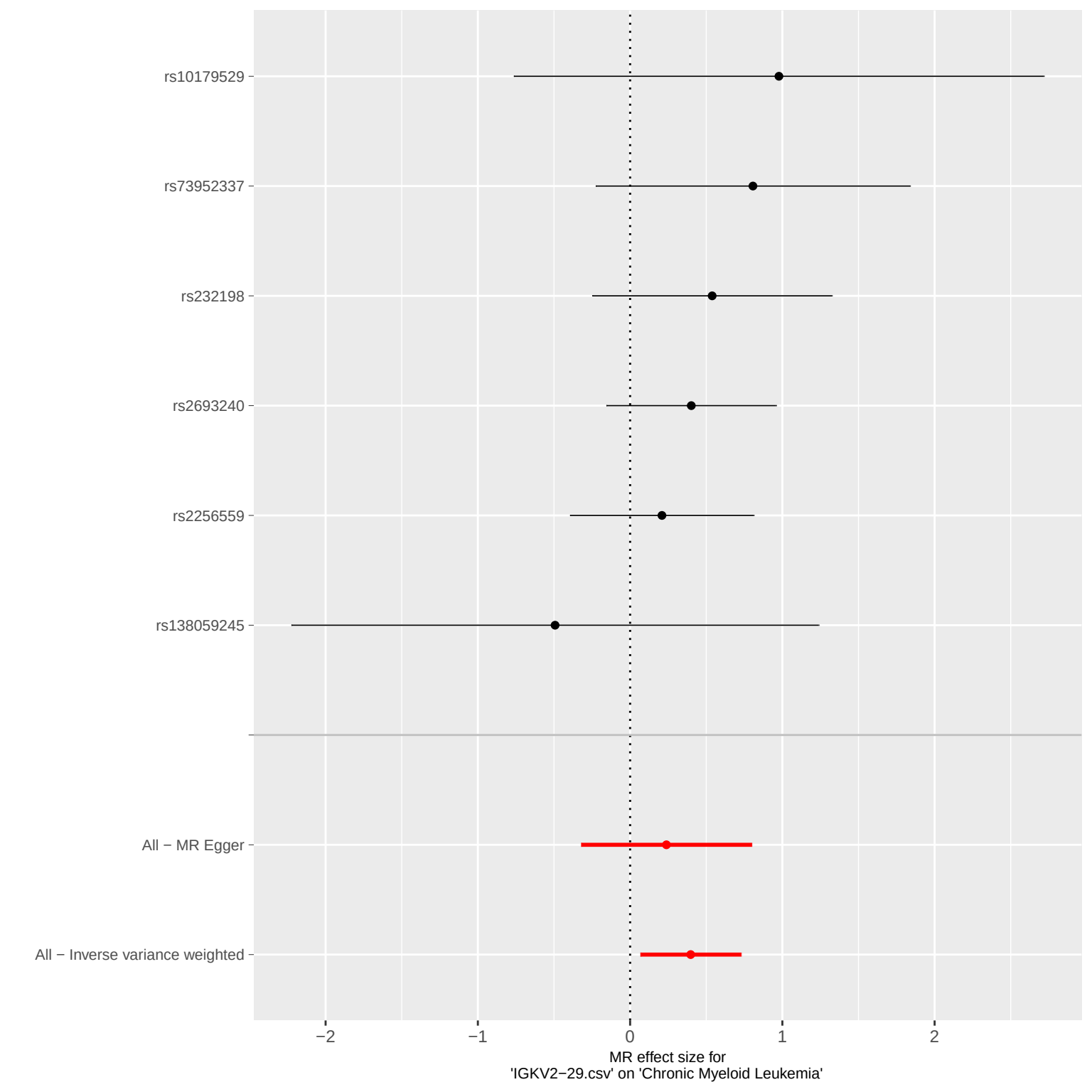
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'IGFLR1.csv' on 'Chronic Myeloid Leukemia'


rs74681107
rs66459961
rs2003168
rs17112078
rs77643214
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'IGHV1−46.csv' on 'Chronic Myeloid Leukemia'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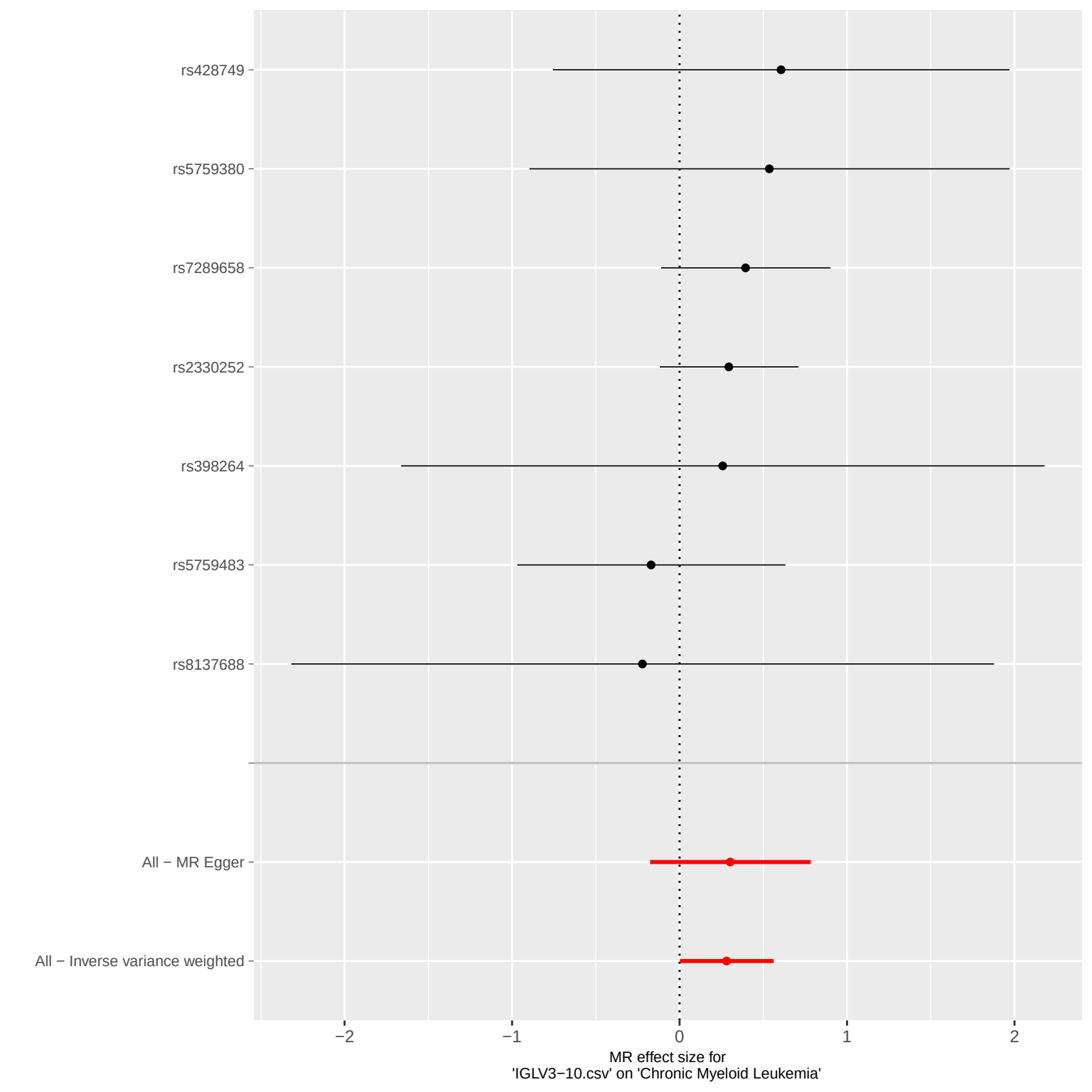
rs73952337
rs232198
rs2693240
rs2256559
rs138059245
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'IGKV2−29.csv' on 'Chronic Myeloid Leukemia'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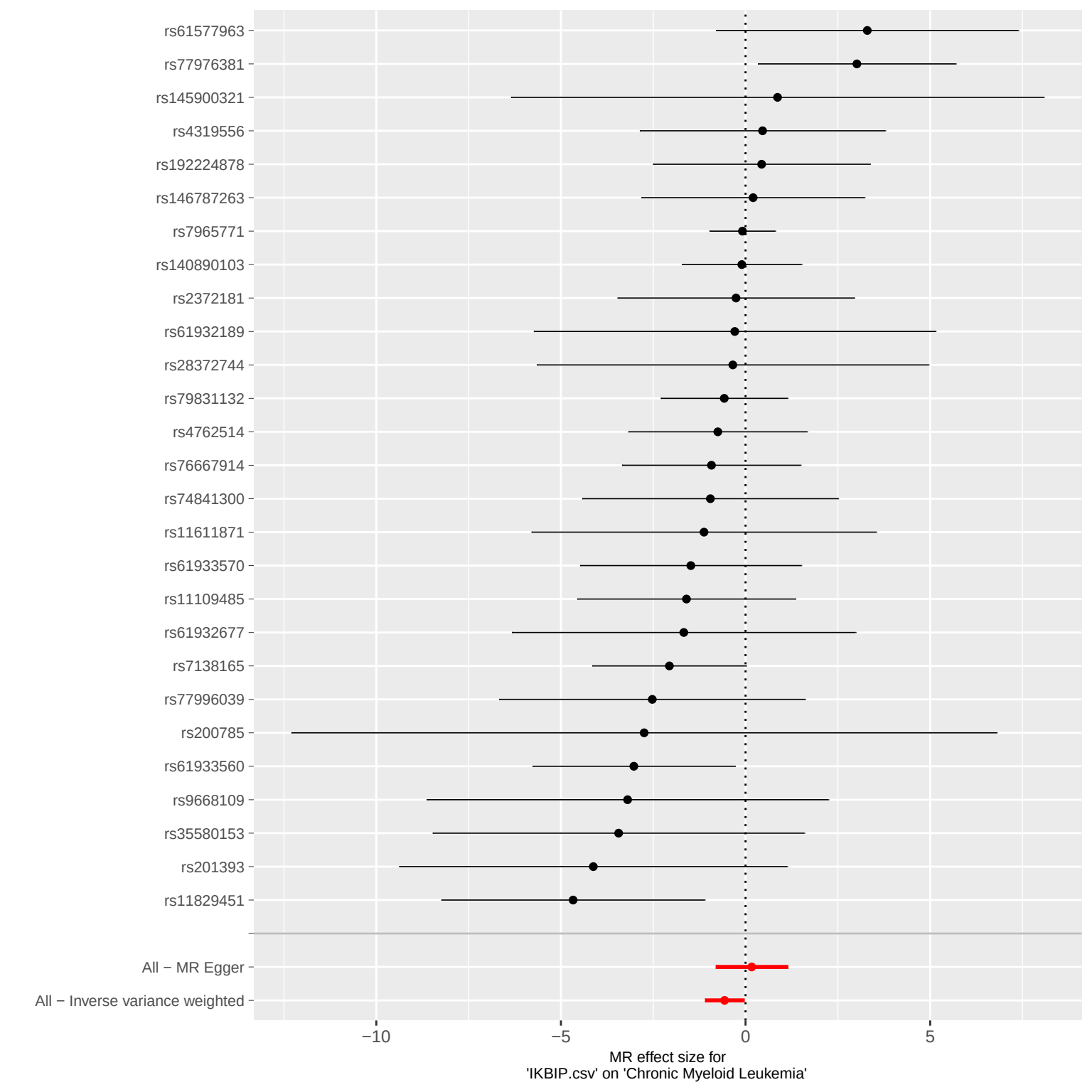
rs5759380
rs7289658
rs2330252
rs398264
rs5759483
rs8137688
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'IGLV3−10.csv' on 'Chronic Myeloid Leukemia'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rs61933570
rs11109485
rs61932677
rs7138165
rs77996039
rs200785
rs61933560
rs9668109
rs35580153
rs201393
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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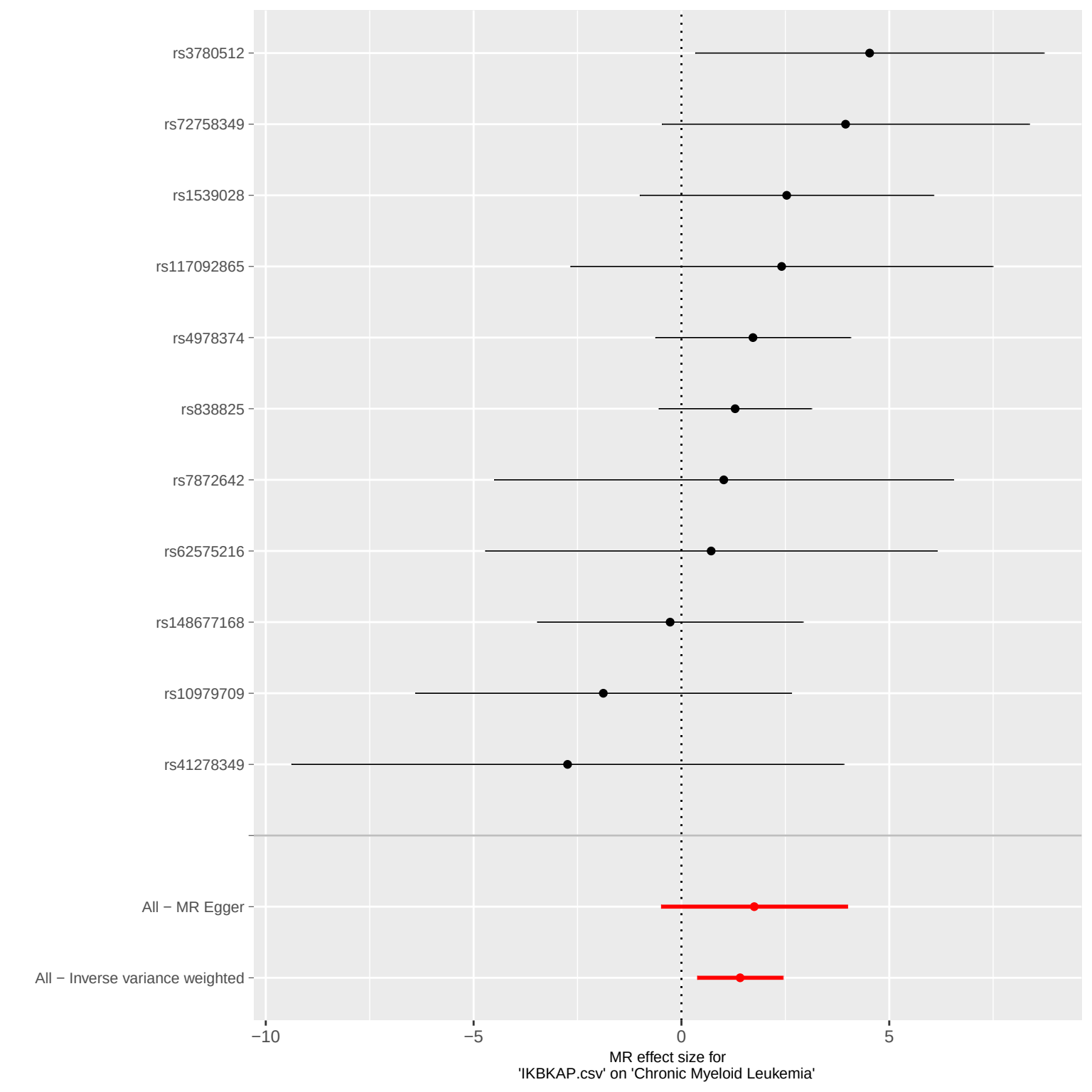
MR effect size for
'IKBIP.csv' on 'Chronic Myeloid Leukemia'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rs10979709
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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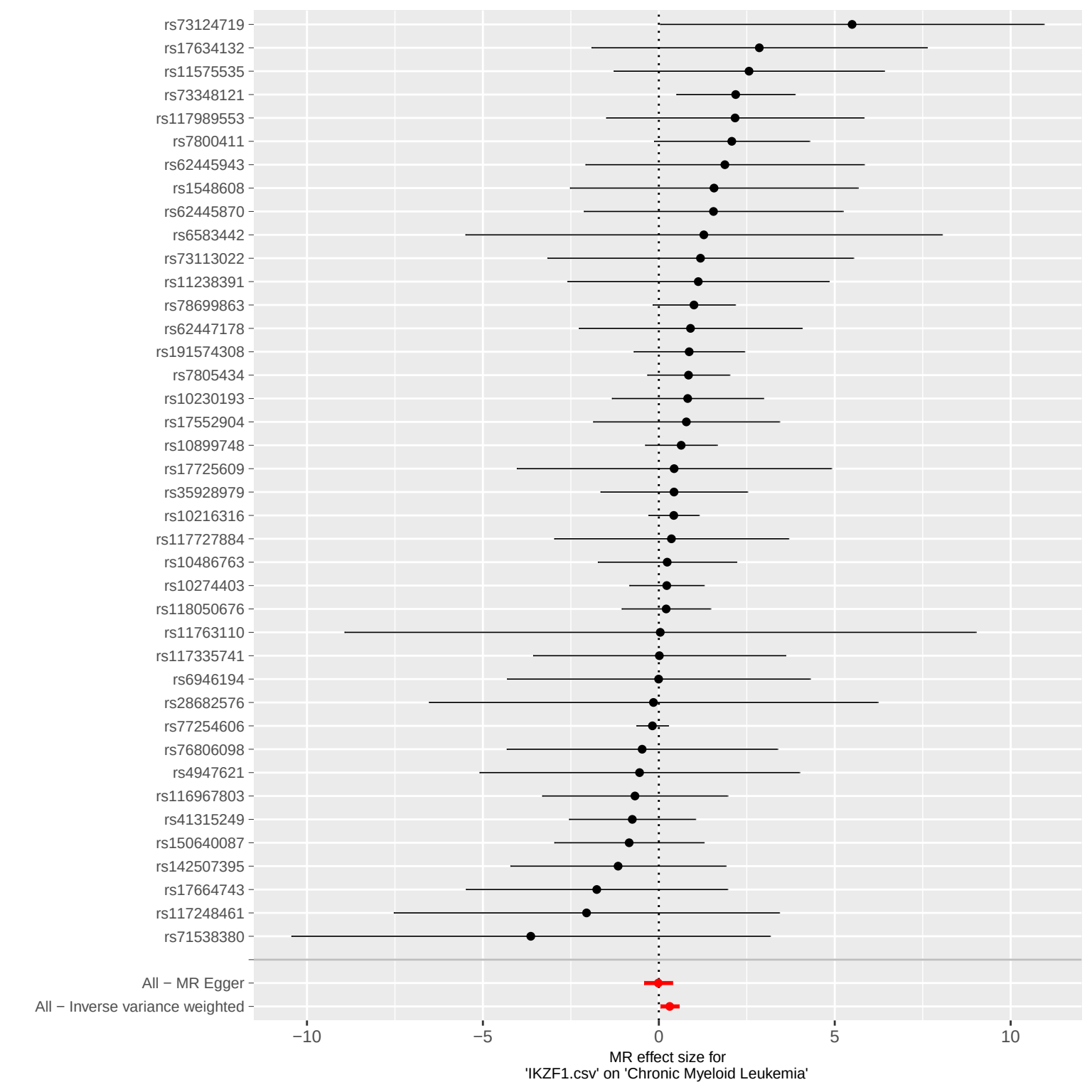
MR effect size for
'IKBKAP.csv' on 'Chronic Myeloid Leukemia'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rs4947621
rs116967803
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rs142507395
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rs71538380
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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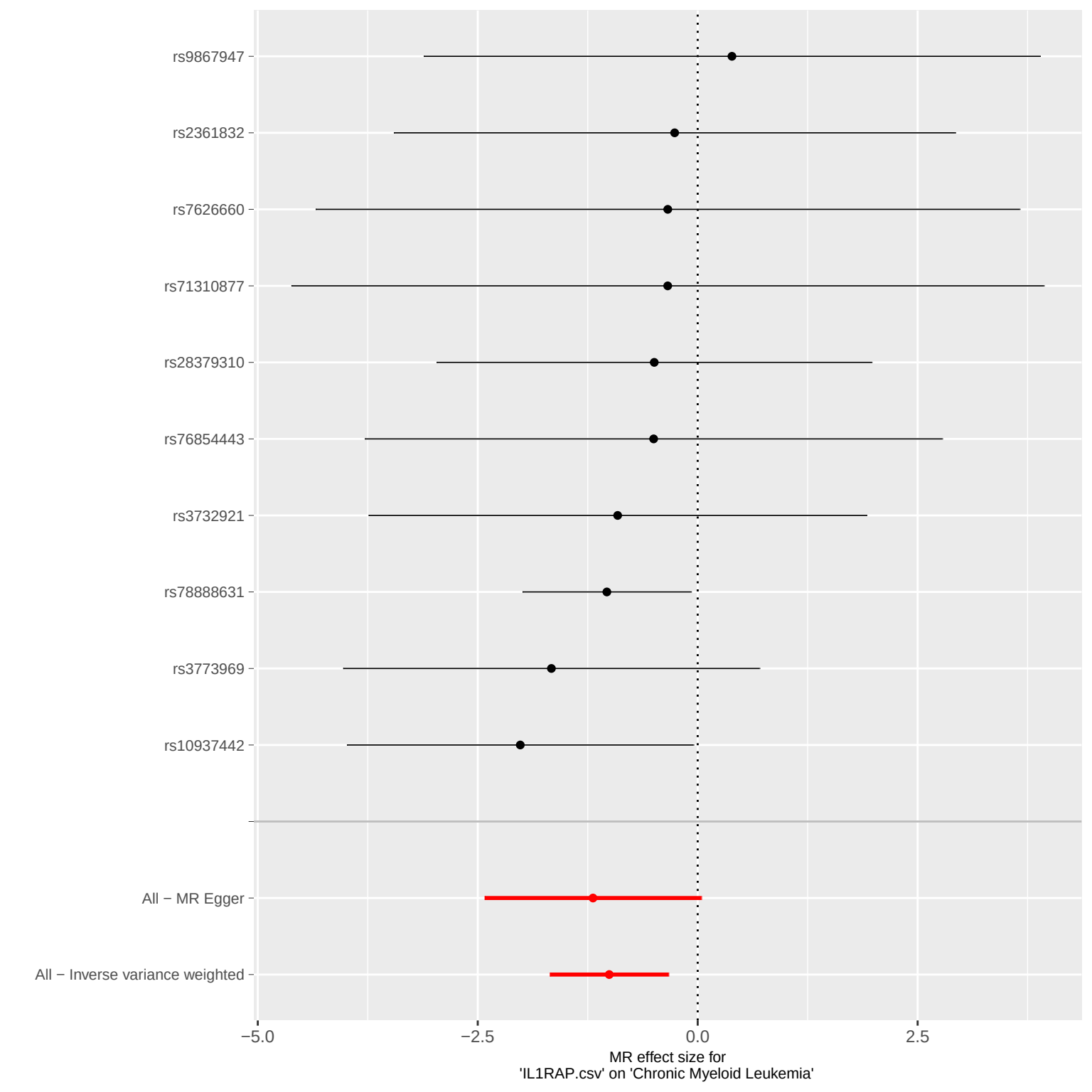
MR effect size for
'IKZF1.csv' on 'Chronic Myeloid Leukemia'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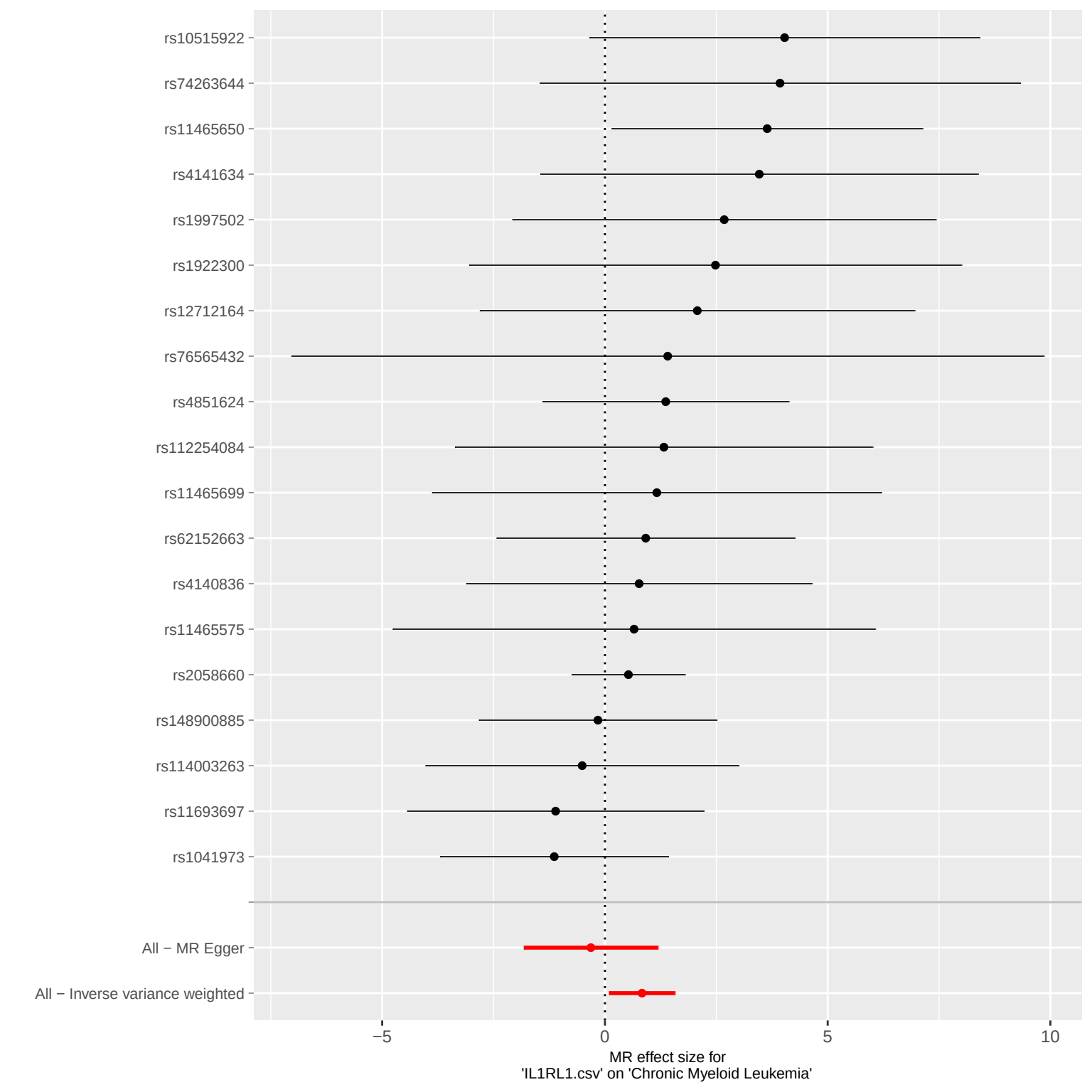
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'IL1RAP.csv' on 'Chronic Myeloid Leukemia'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rs4851624
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rs11465699
rs62152663
rs4140836
rs11465575
rs2058660
rs148900885
rs114003263
rs11693697
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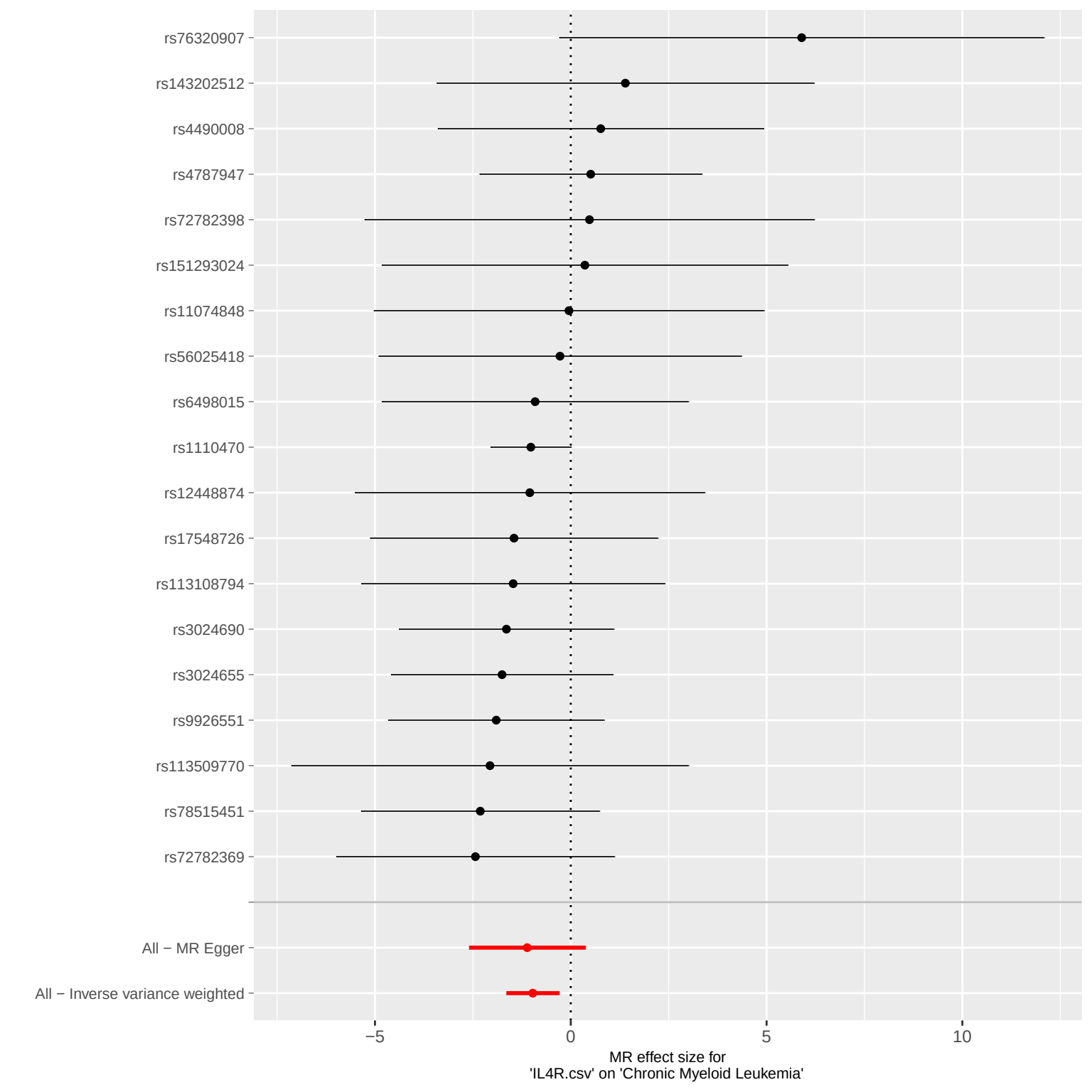
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'IL1RL1.csv' on 'Chronic Myeloid Leukemia'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rs3024690
rs3024655
rs9926551
rs113509770
rs78515451
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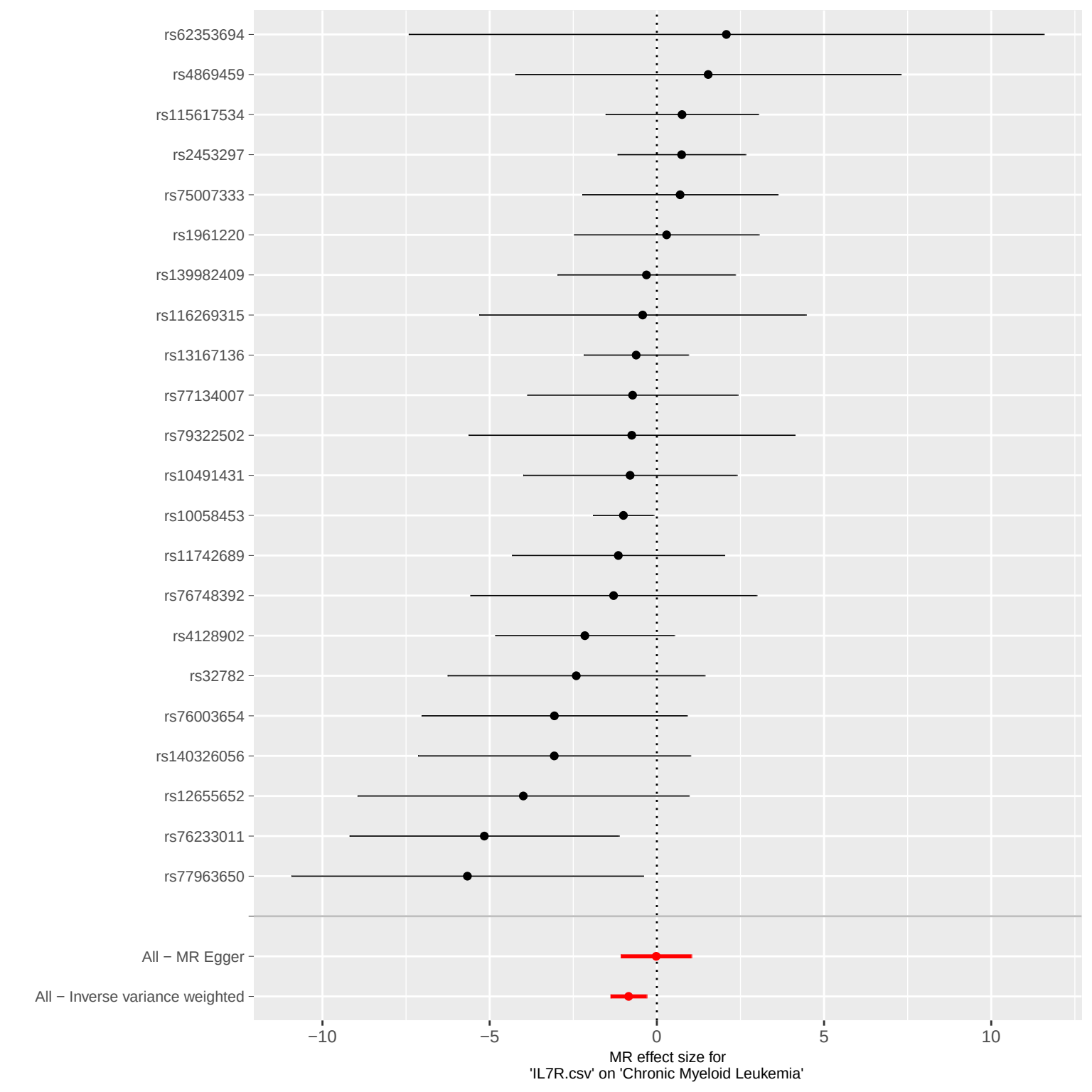
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'IL4R.csv' on 'Chronic Myeloid Leukemia'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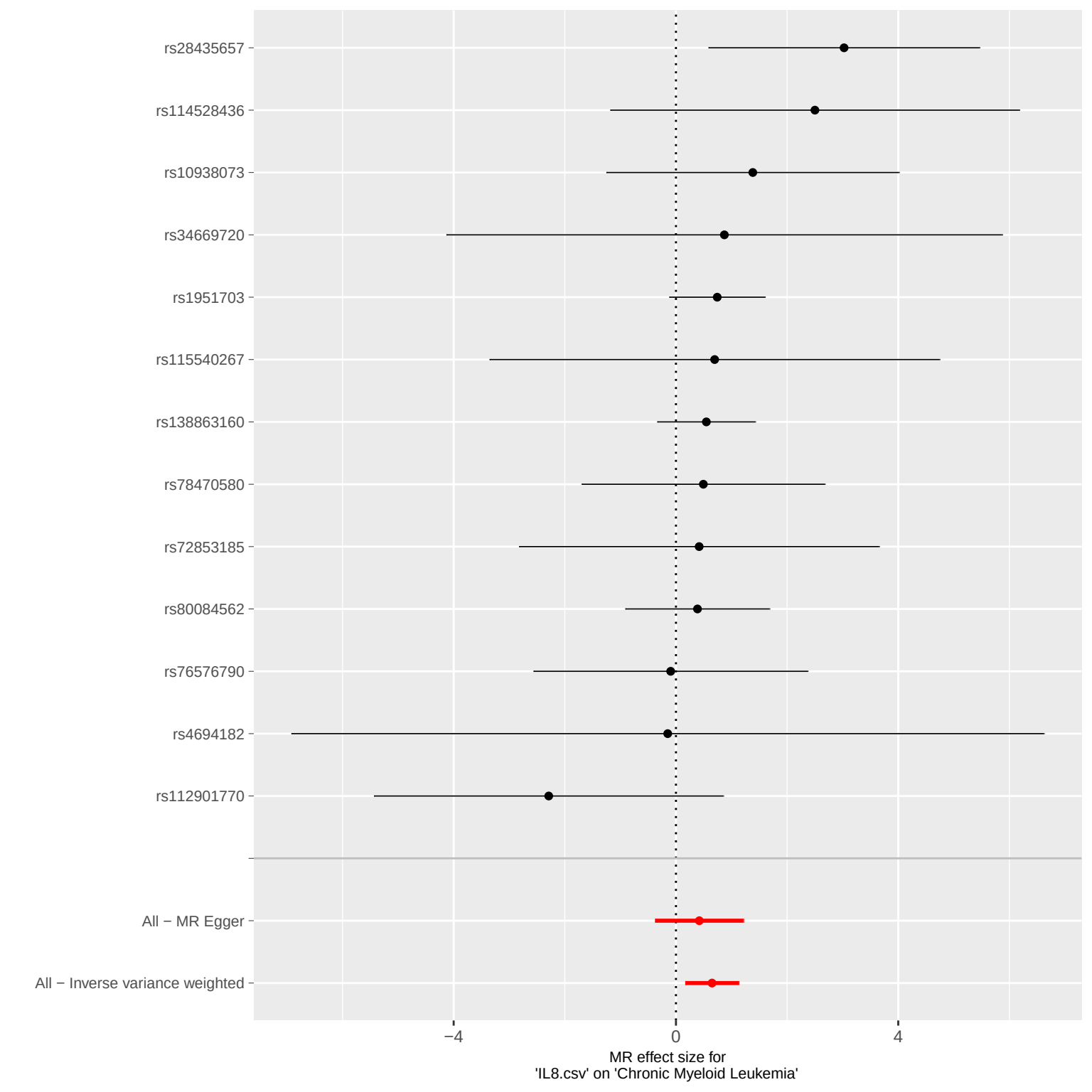
rs10491431
rs10058453
rs11742689
rs76748392
rs4128902
rs32782
rs76003654
rs140326056
rs12655652
rs76233011
rs77963650
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'IL7R.csv' on 'Chronic Myeloid Leukemia'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rs78470580
rs72853185
rs80084562
rs76576790
rs4694182
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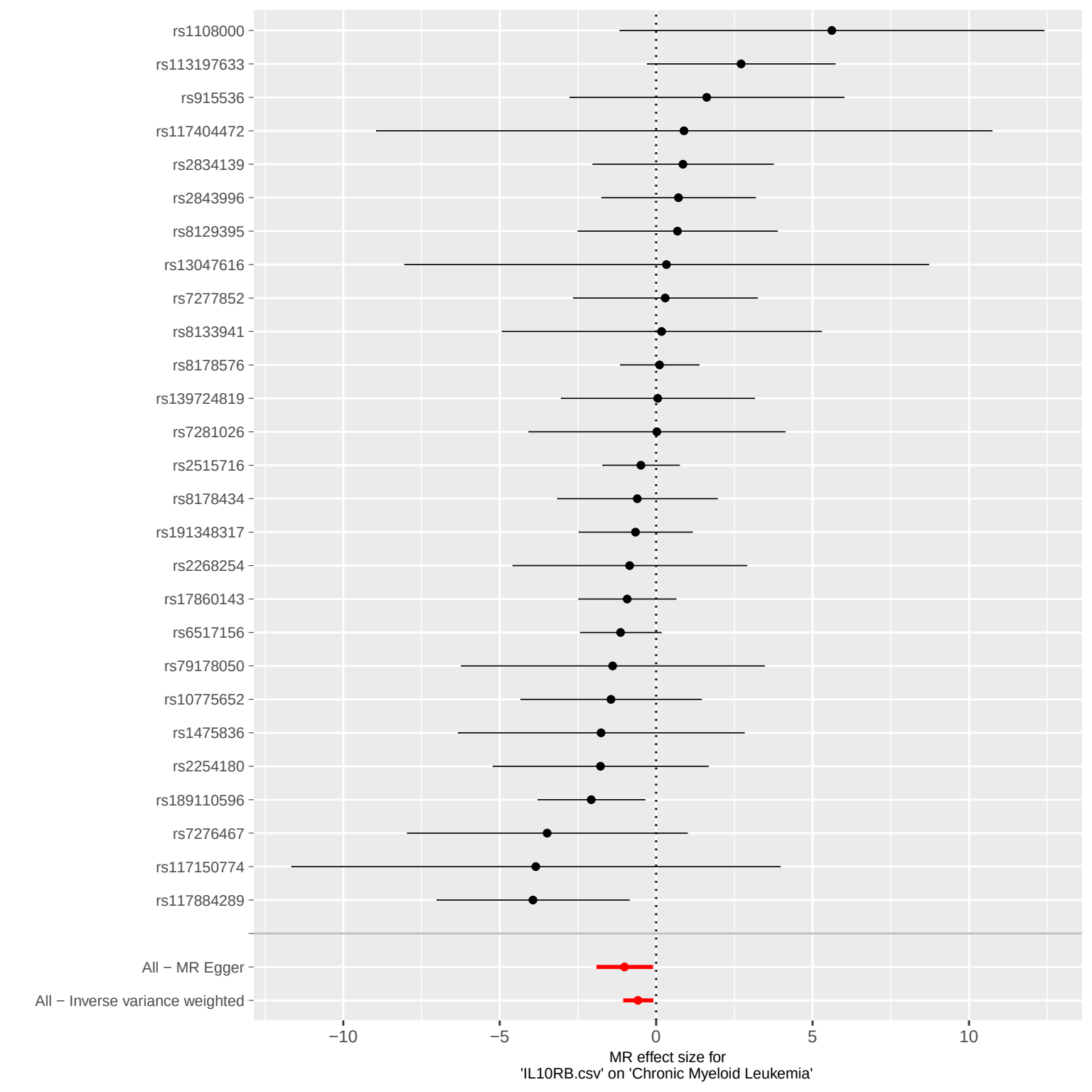
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'IL8.csv' on 'Chronic Myeloid Leukemia'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rs139724819
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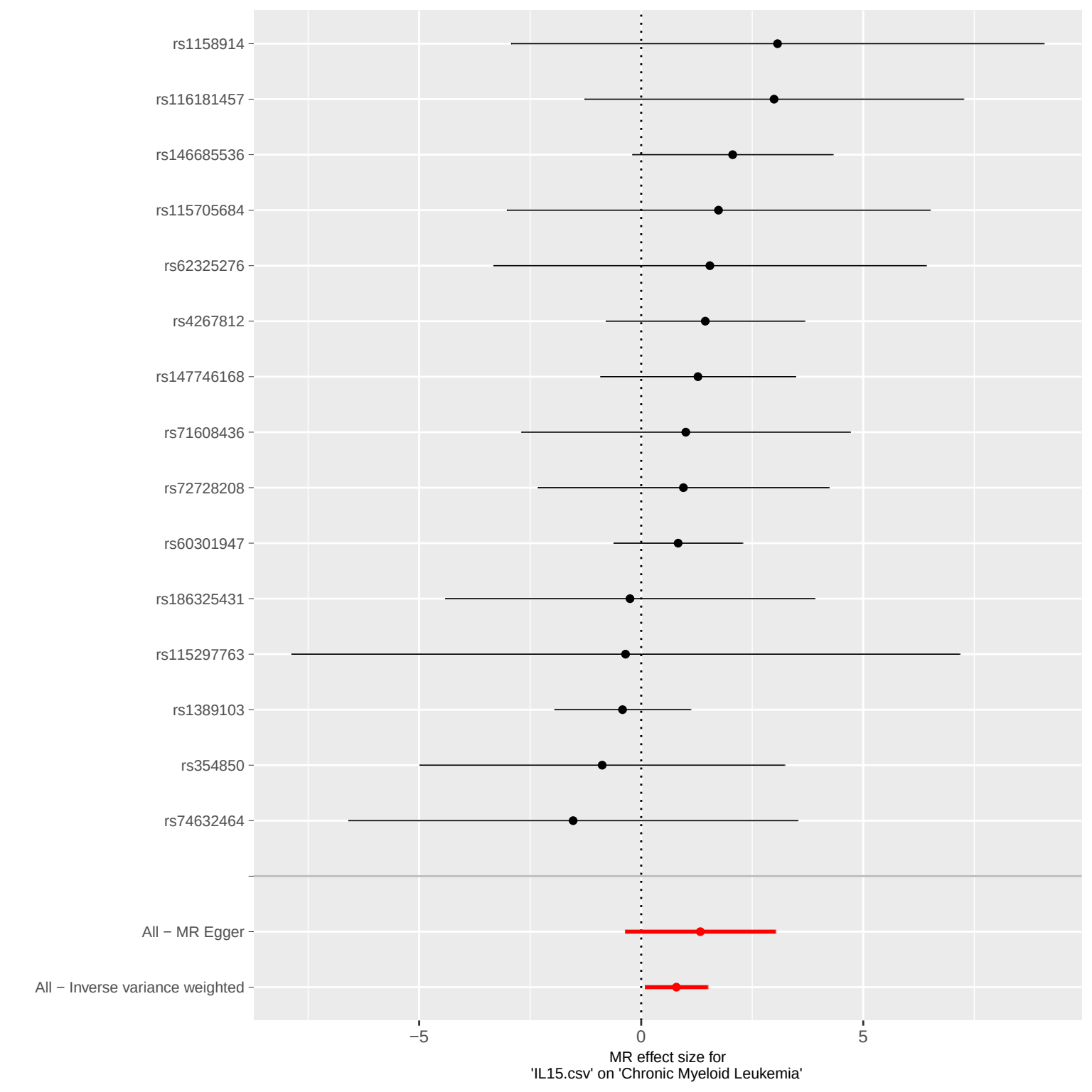
rs2515716
rs8178434
rs191348317
rs2268254
rs17860143
rs6517156
rs79178050
rs10775652
rs1475836
rs2254180
rs189110596
rs7276467
rs117150774
rs117884289
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'IL10RB.csv' on 'Chronic Myeloid Leukemia'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rs186325431
rs115297763
rs1389103
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All − MR Egger
All − Inverse variance weighted
−5
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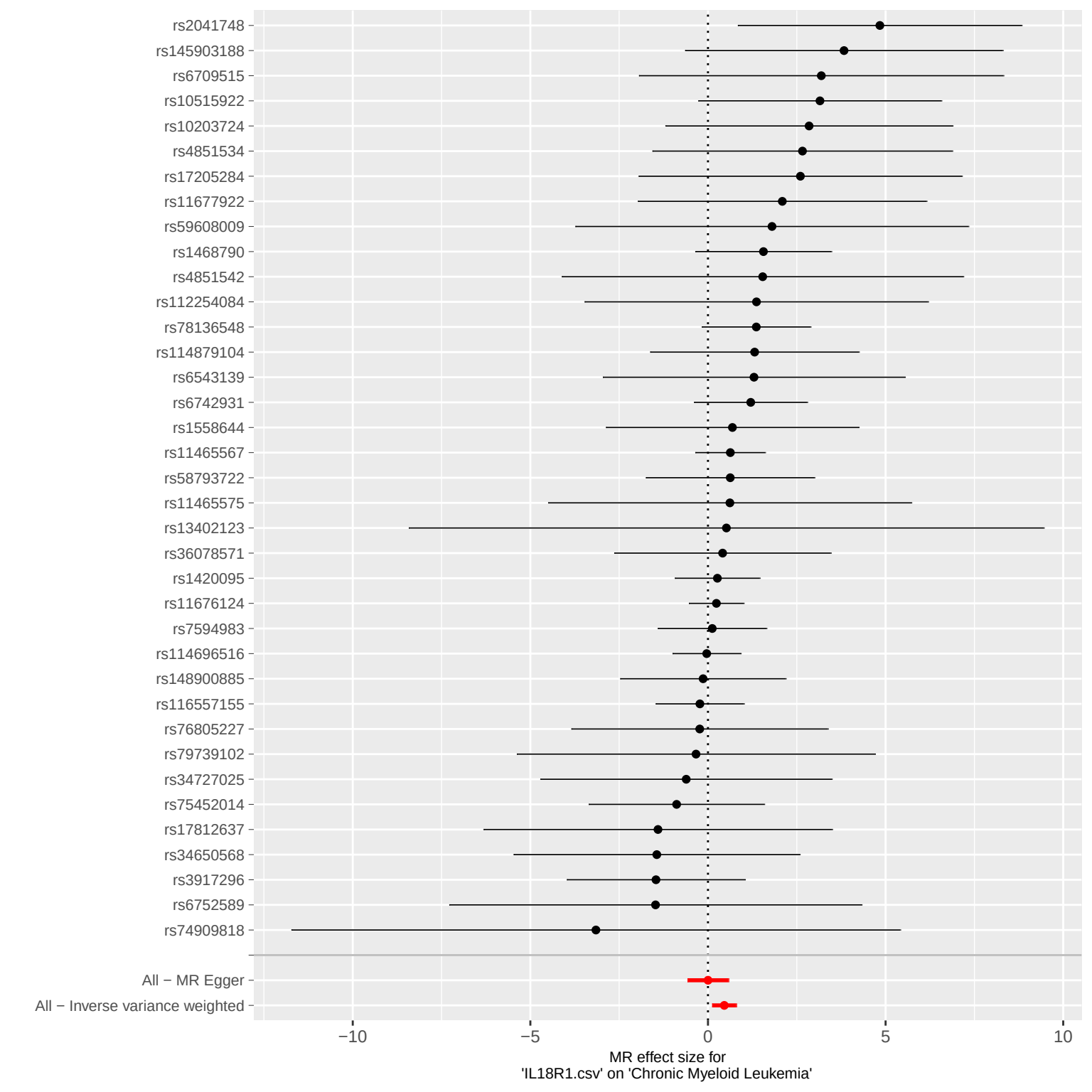
MR effect size for
'IL15.csv' on 'Chronic Myeloid Leukemia'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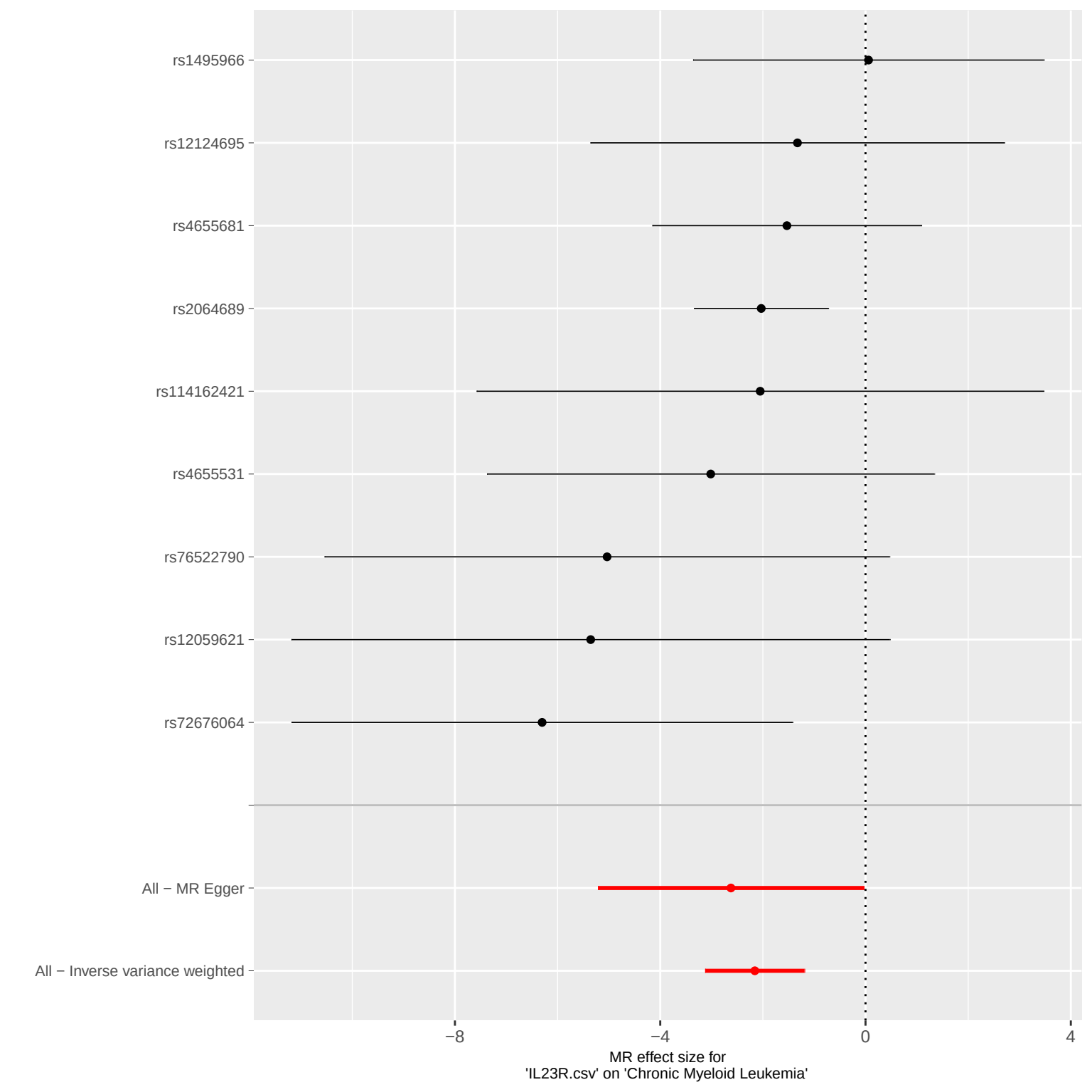
rs17812637
rs34650568
rs3917296
rs6752589
rs74909818
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'IL18R1.csv' on 'Chronic Myeloid Leukemia'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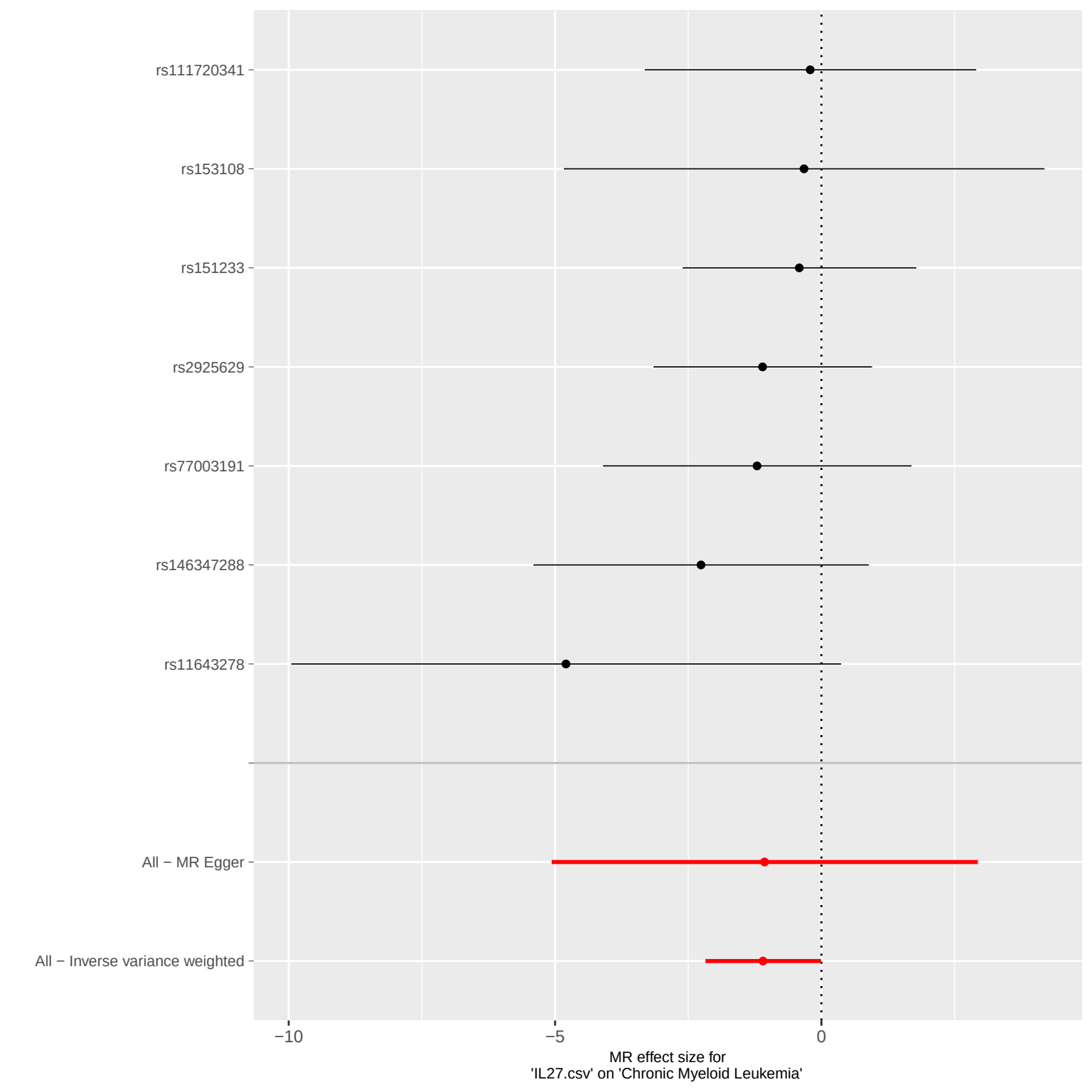
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'IL23R.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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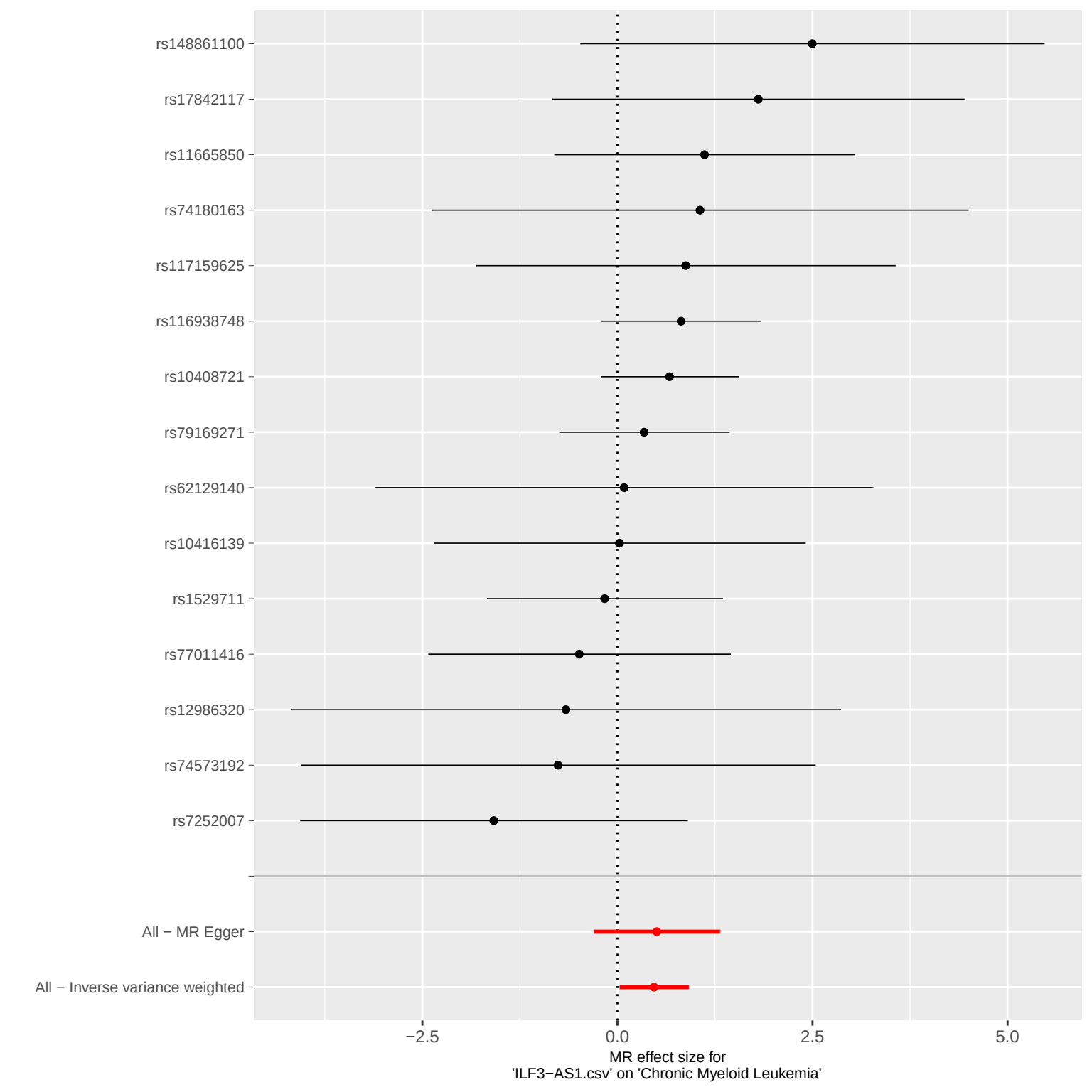
MR effect size for
'IL27.csv' on 'Chronic Myeloid Leukemia'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rs77011416
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rs74573192
rs7252007
All − MR Egger
All − Inverse variance weighted
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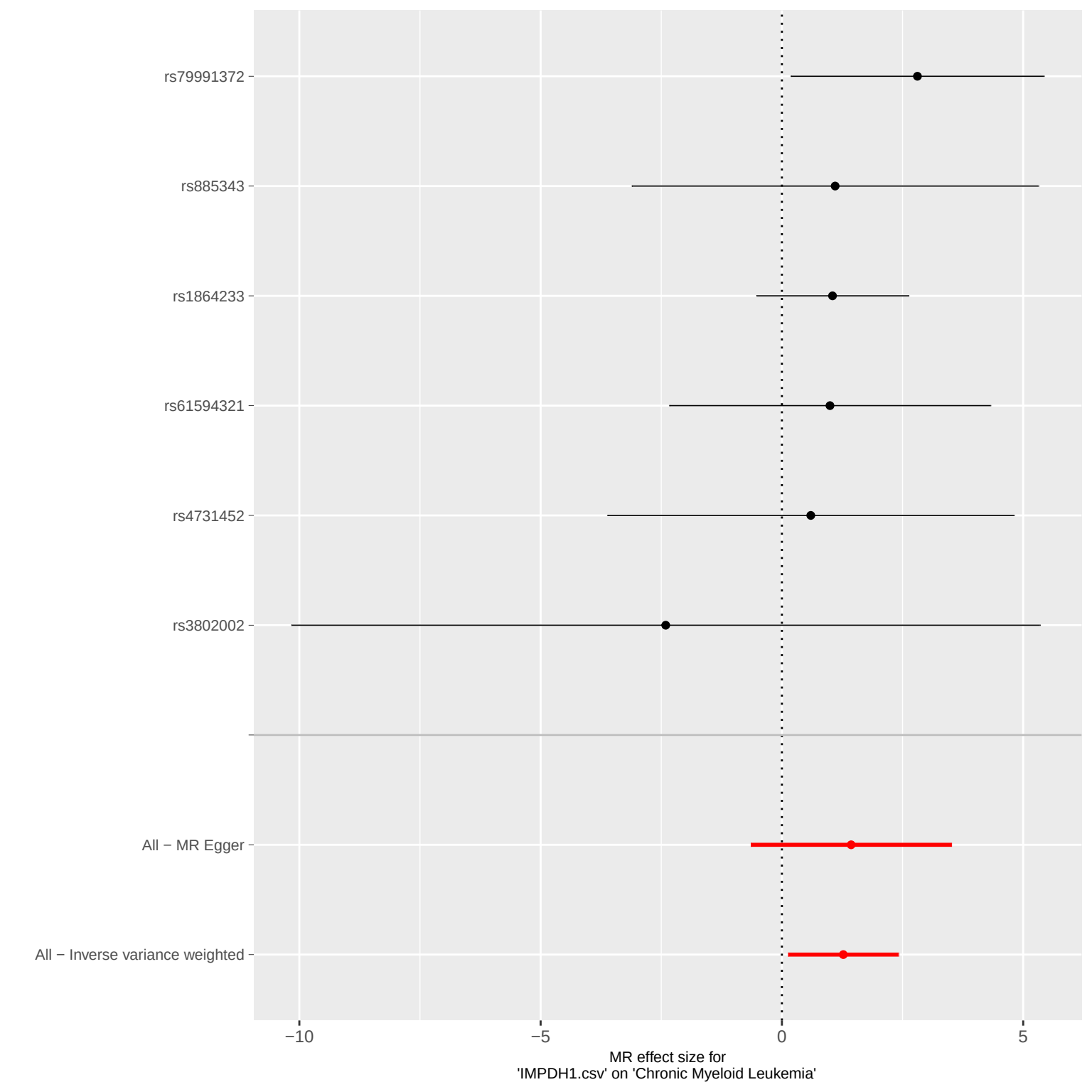
2.5
5.0
MR effect size for
'ILF3−AS1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
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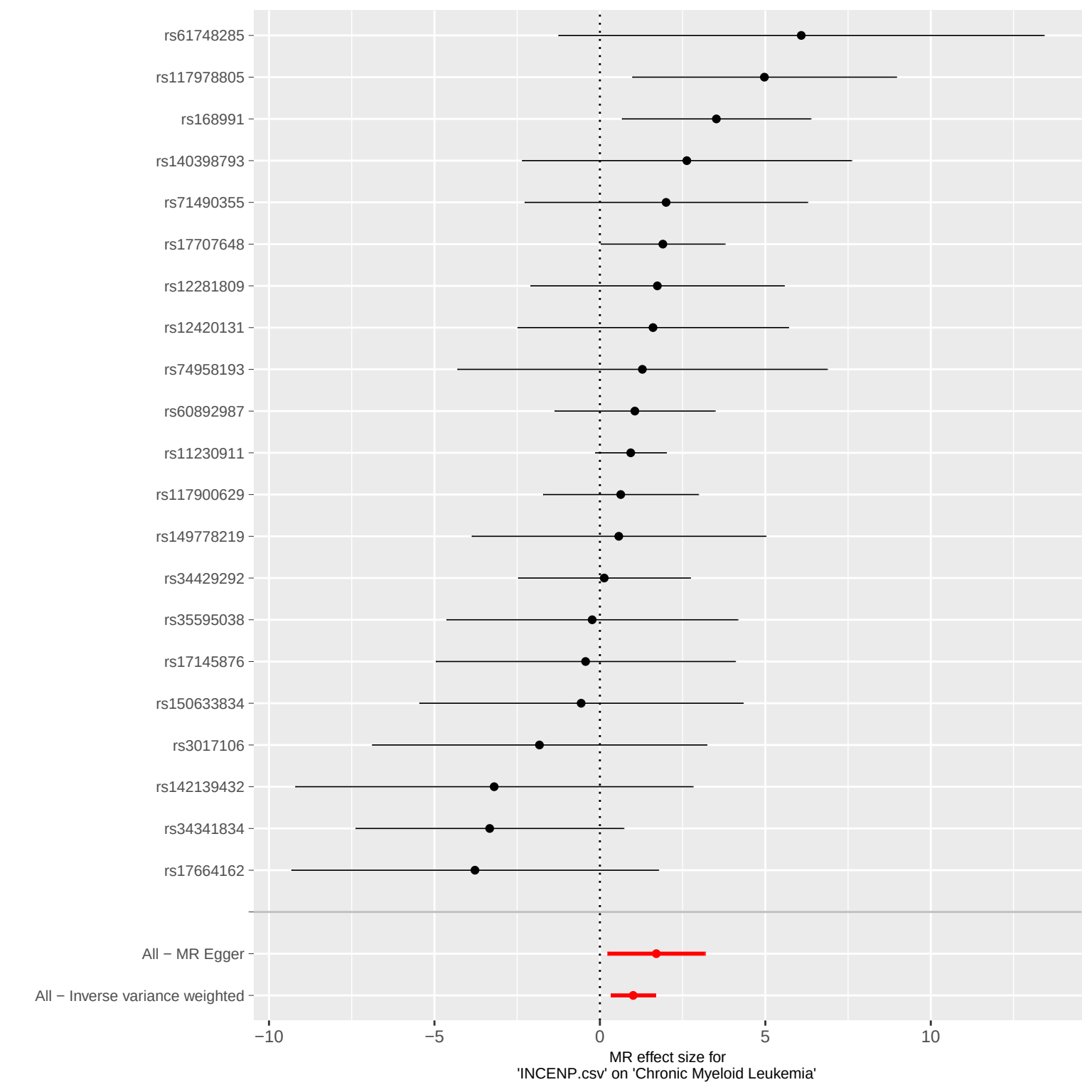
5
MR effect size for
'IMPDH1.csv' on 'Chronic Myeloid Leukemia'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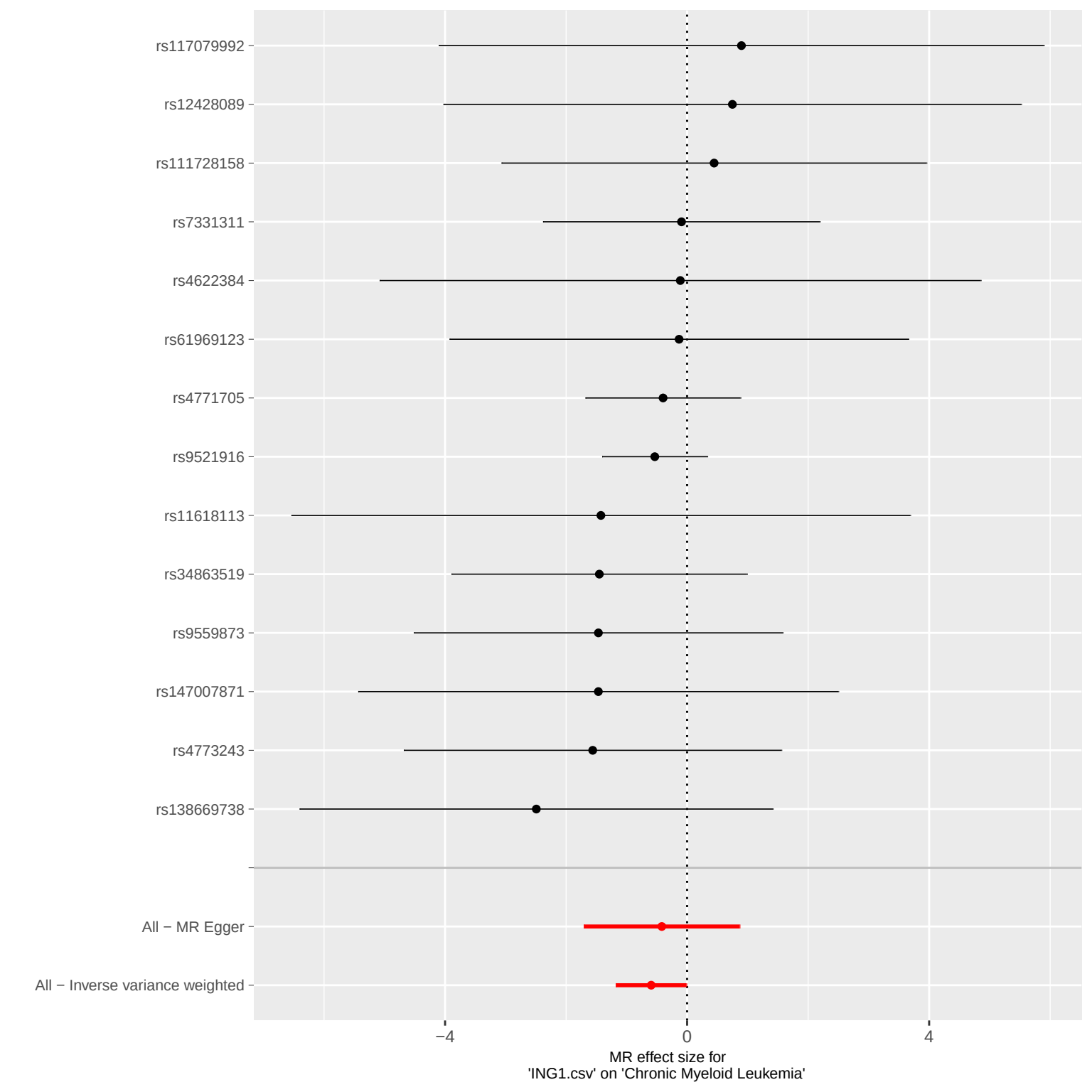
rs34429292
rs35595038
rs17145876
rs150633834
rs3017106
rs142139432
rs34341834
rs17664162
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'INCENP.csv' on 'Chronic Myeloid Leukemia'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rs9559873
rs147007871
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All − MR Egger
All − Inverse variance weighted
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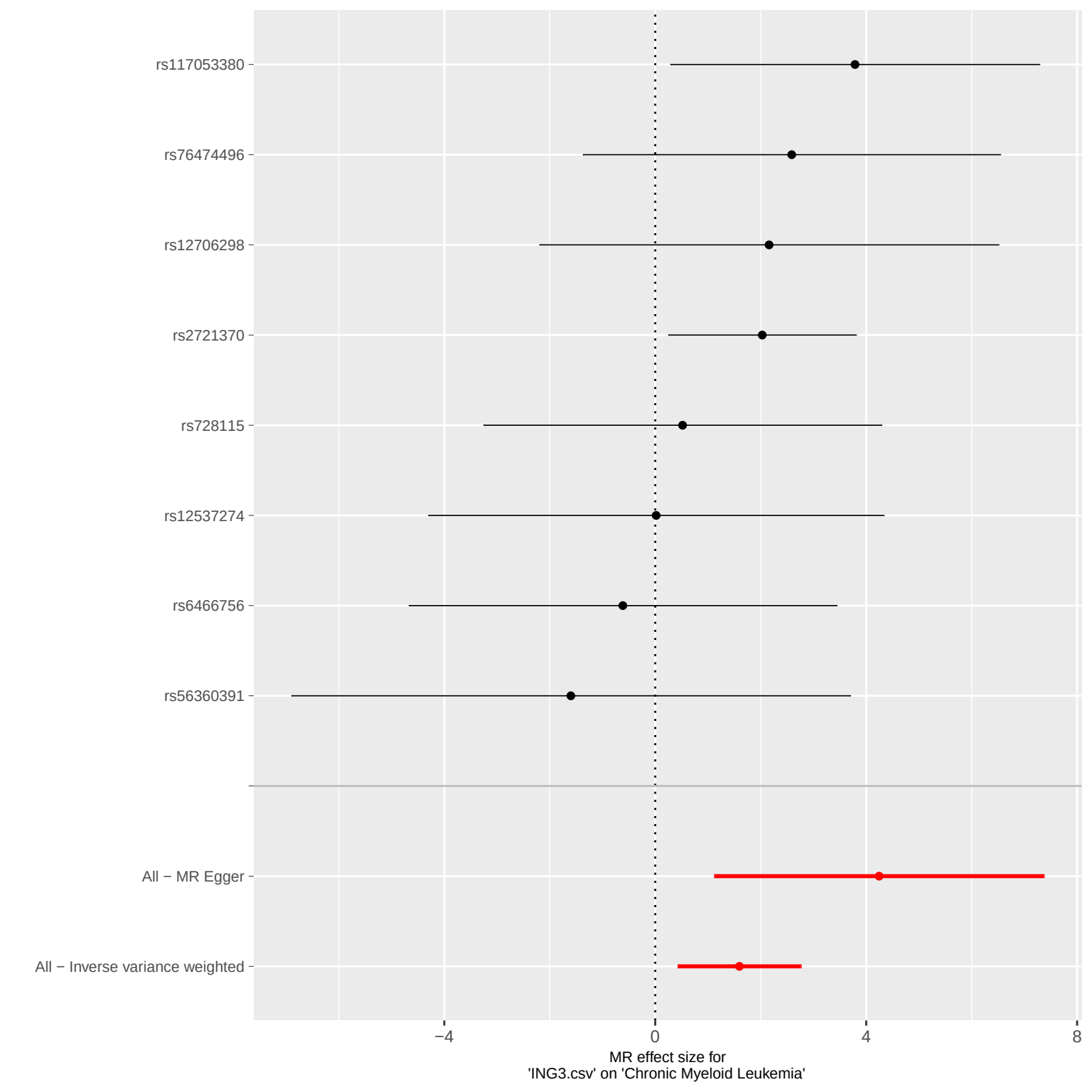
4
MR effect size for
'ING1.csv' on 'Chronic Myeloid Leukemia'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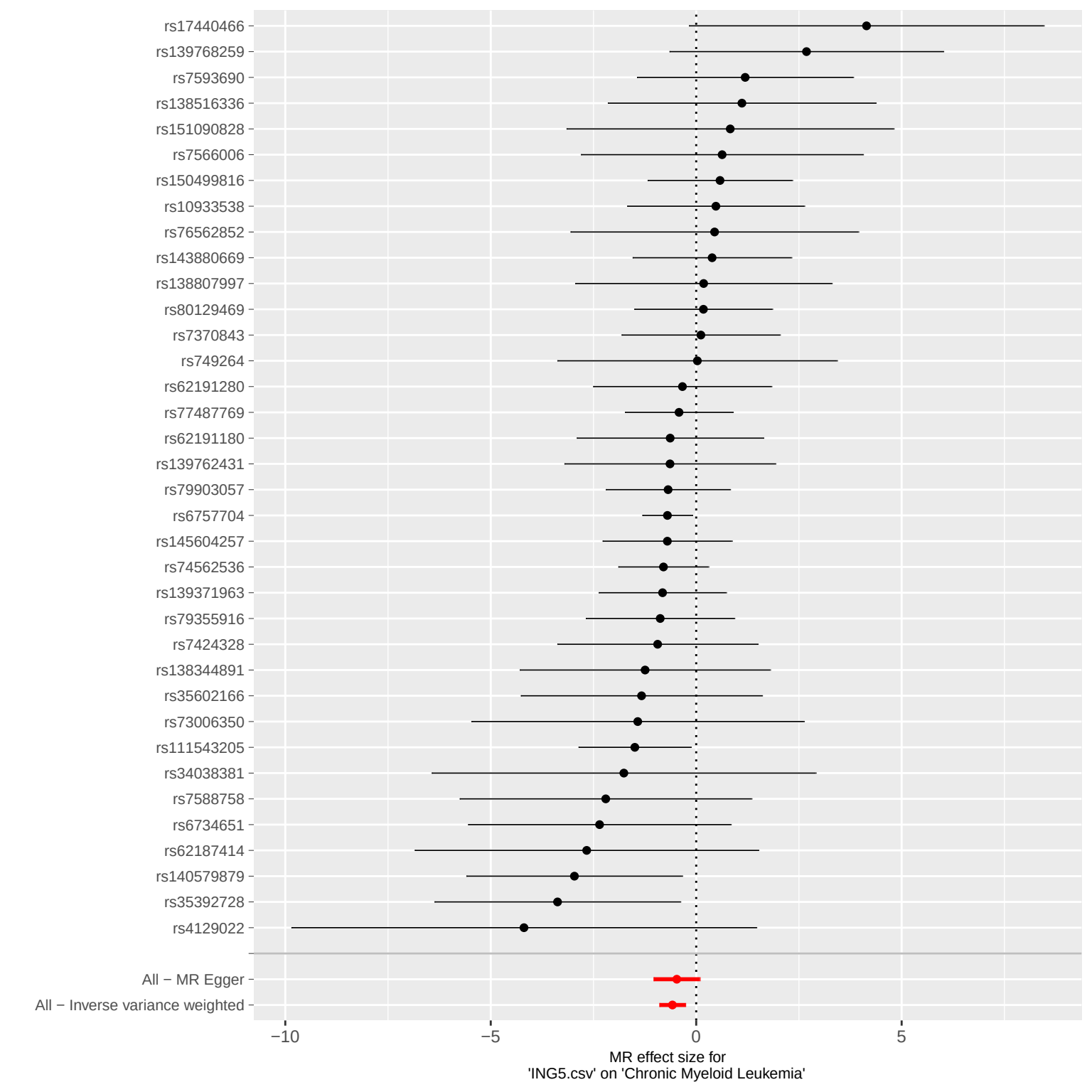
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ING3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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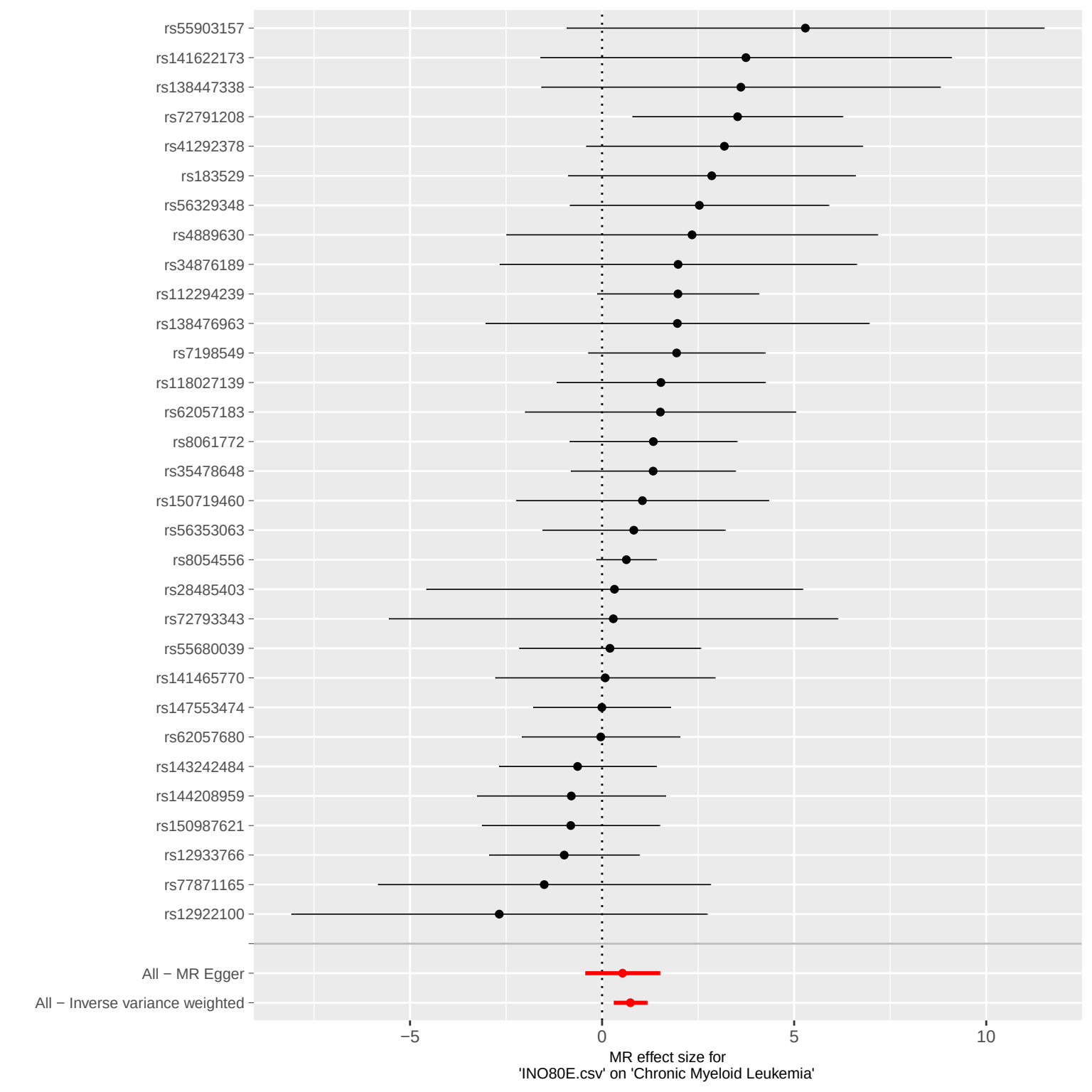
MR effect size for
'ING5.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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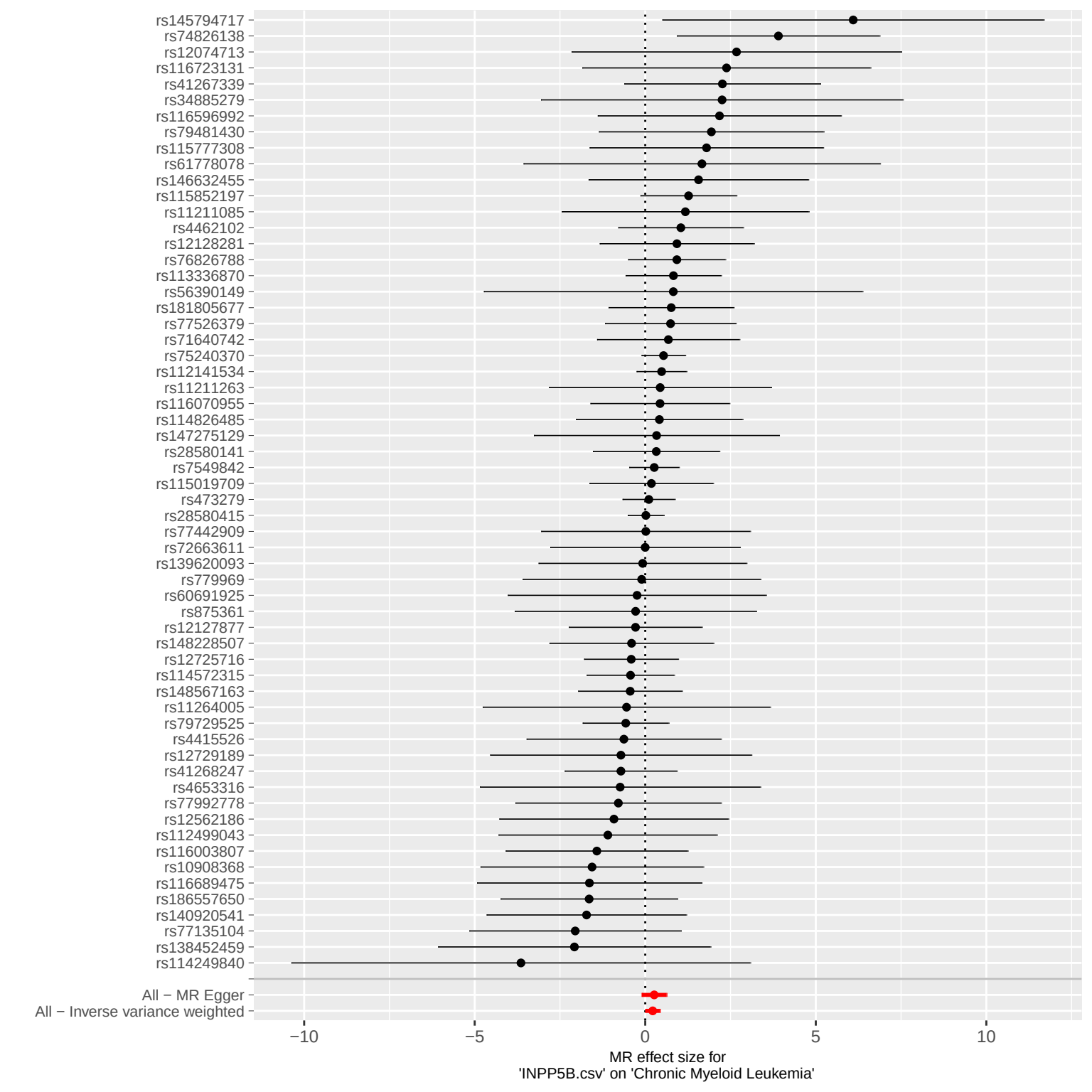
MR effect size for
'INO80E.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
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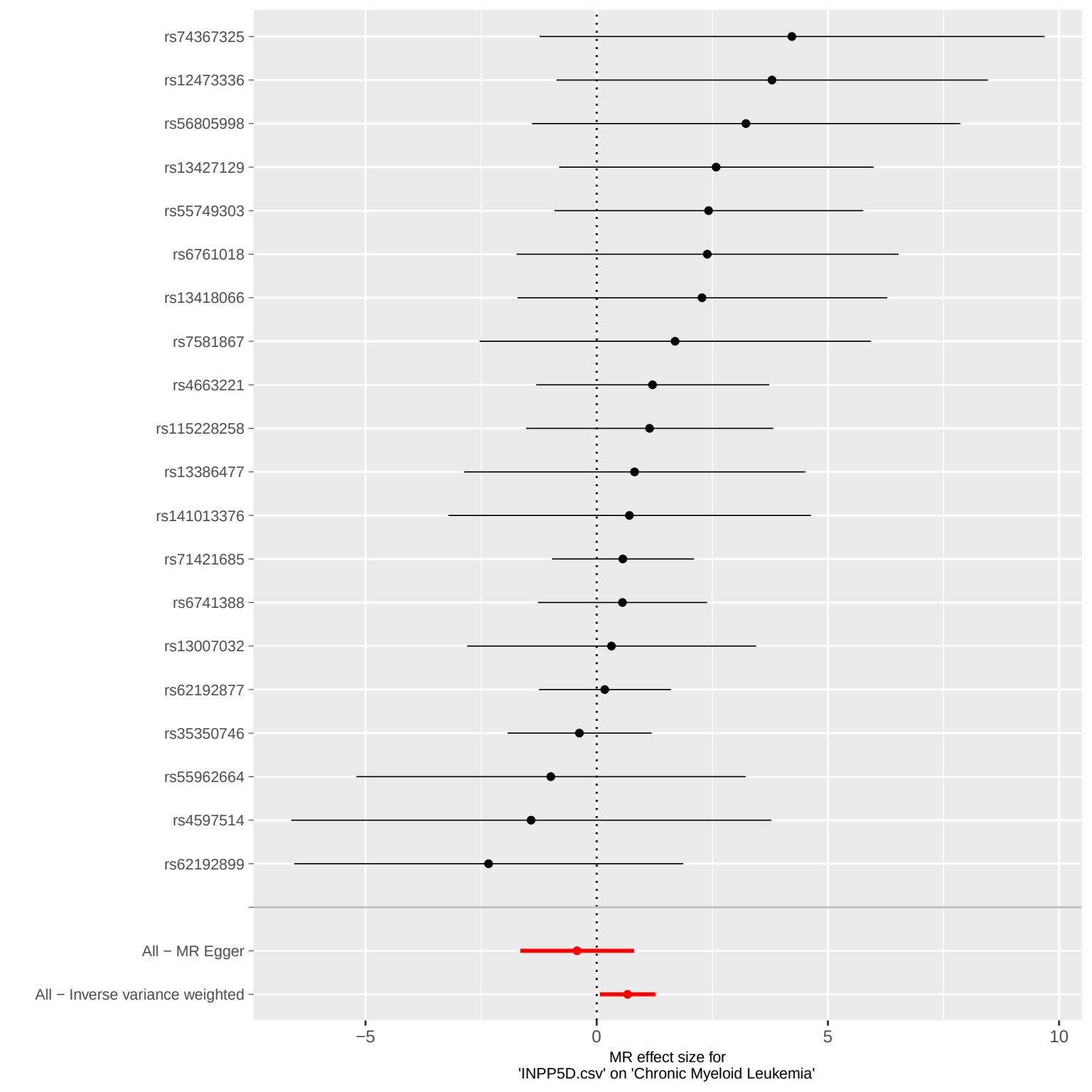
MR effect size for
'INPP5B.csv' on 'Chronic Myeloid Leukemia'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rs55962664
rs4597514
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All − Inverse variance weighted
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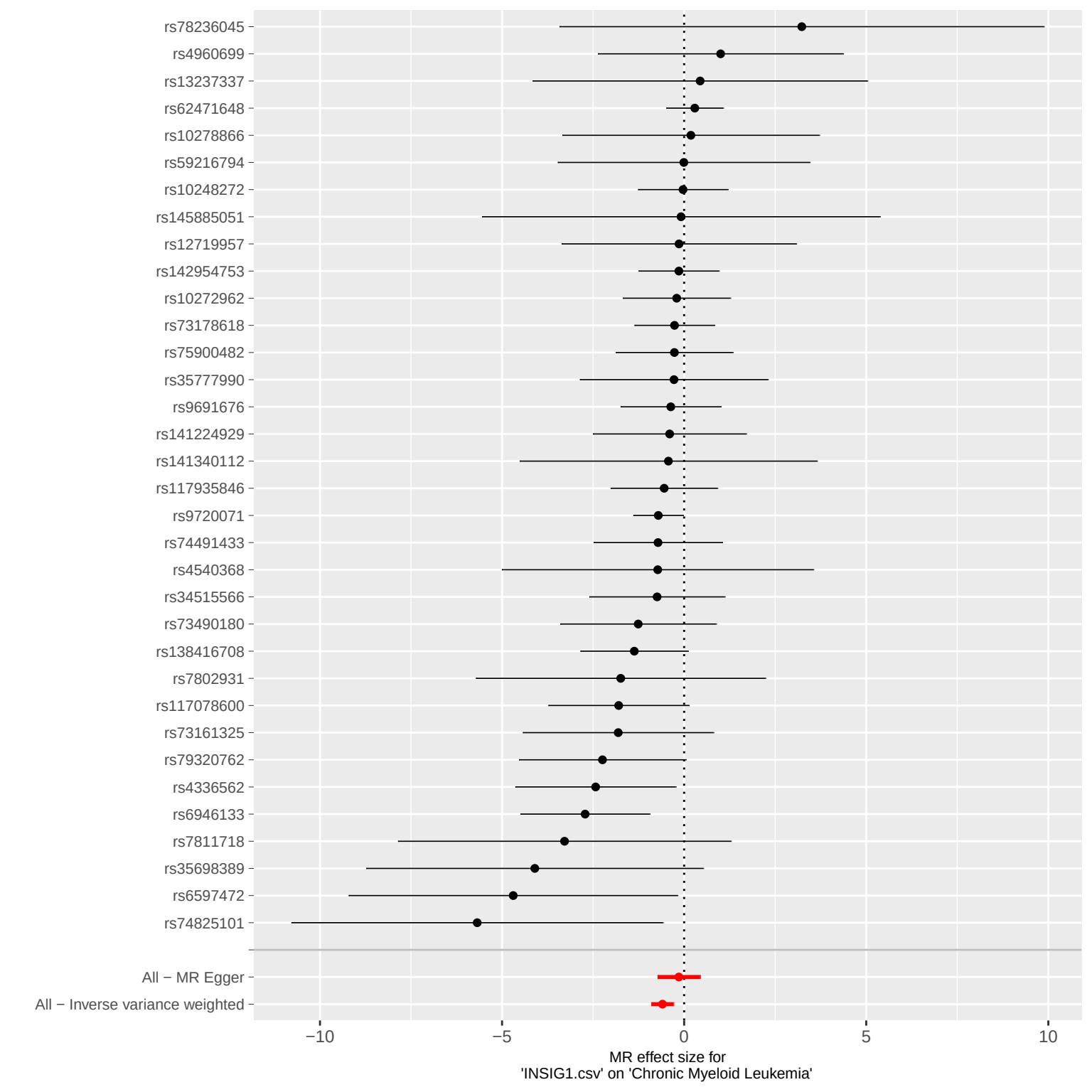
MR effect size for
'INPP5D.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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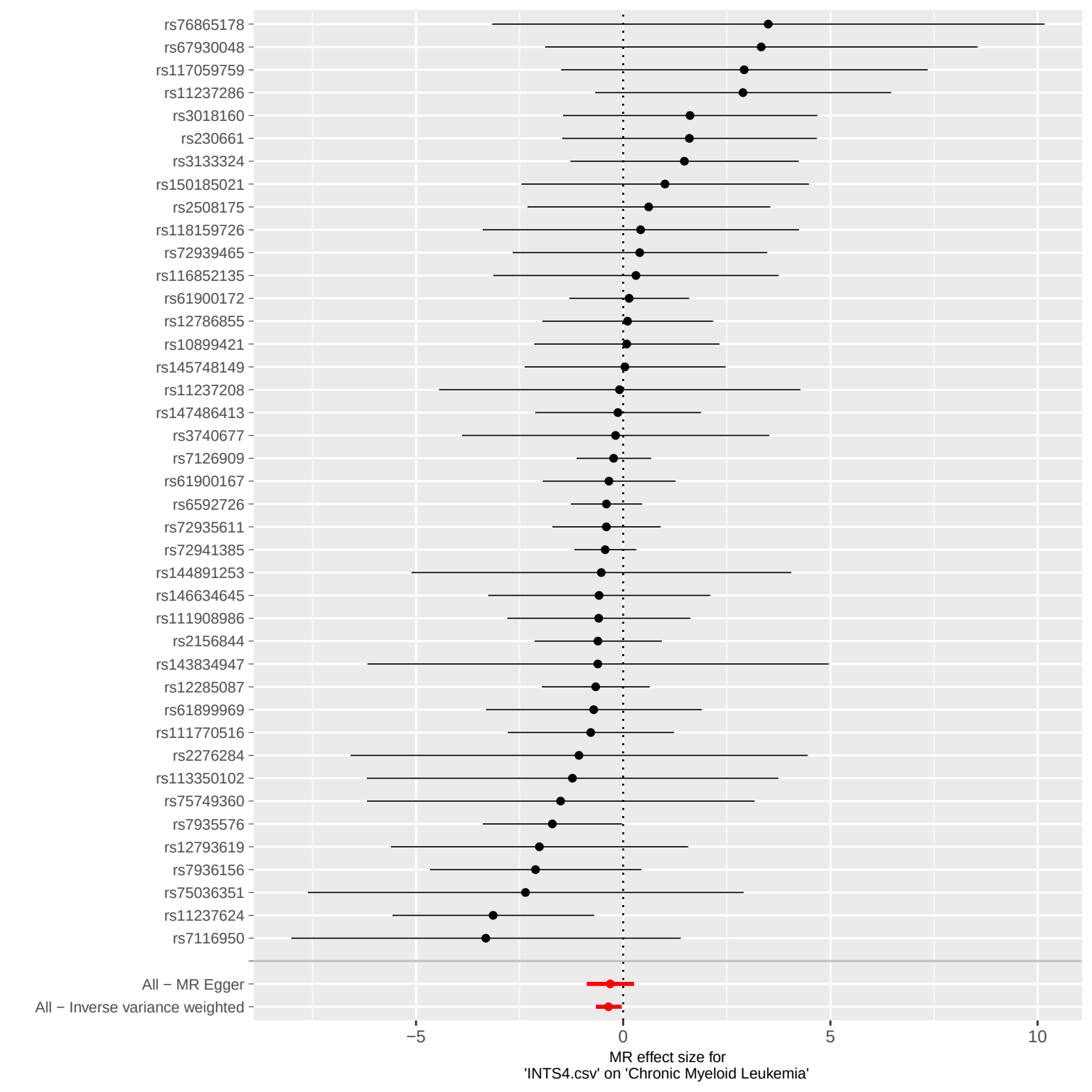
MR effect size for
'INSIG1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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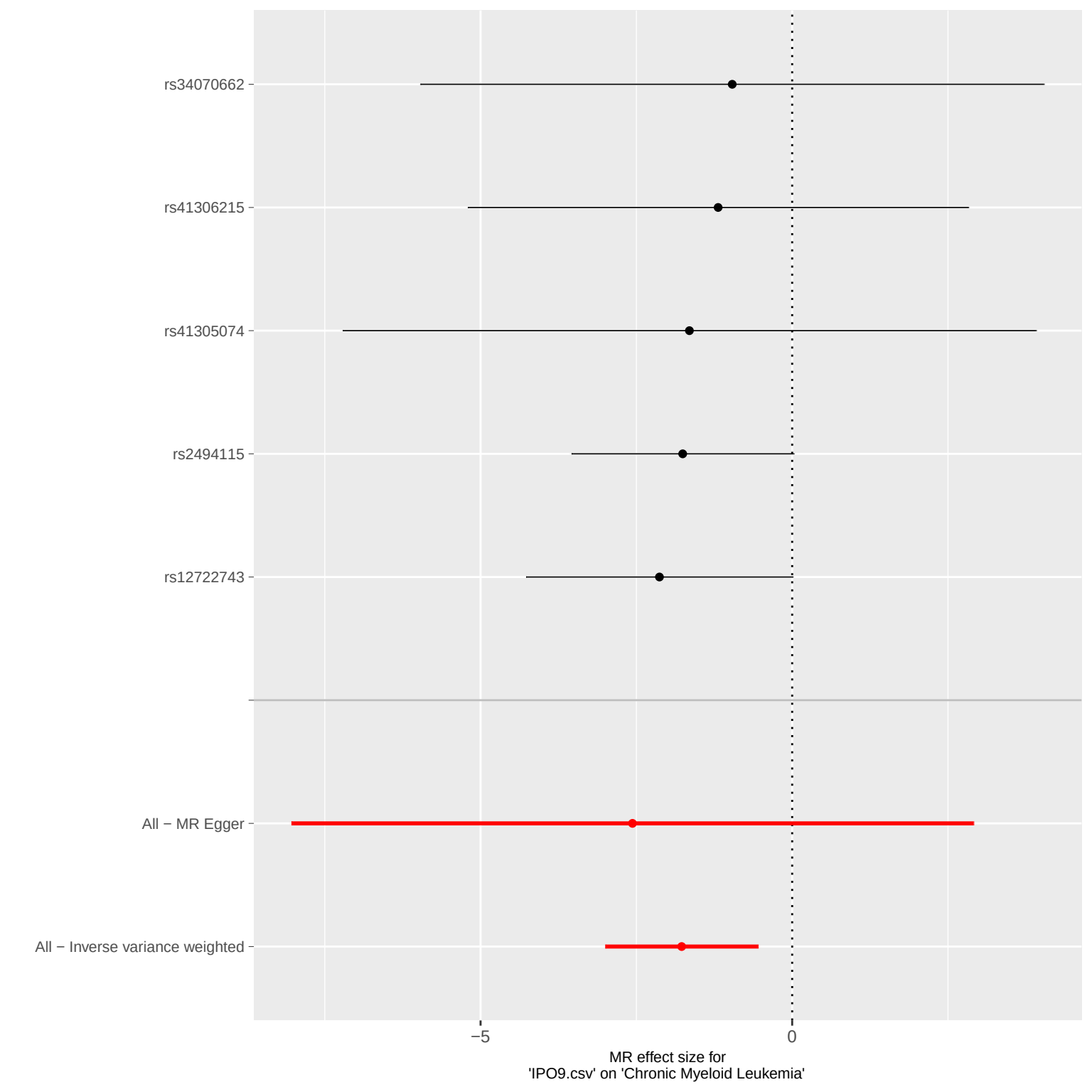
MR effect size for
'INTS4.csv' on 'Chronic Myeloid Leukemia'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rs41305074
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All − Inverse variance weighted
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MR effect size for
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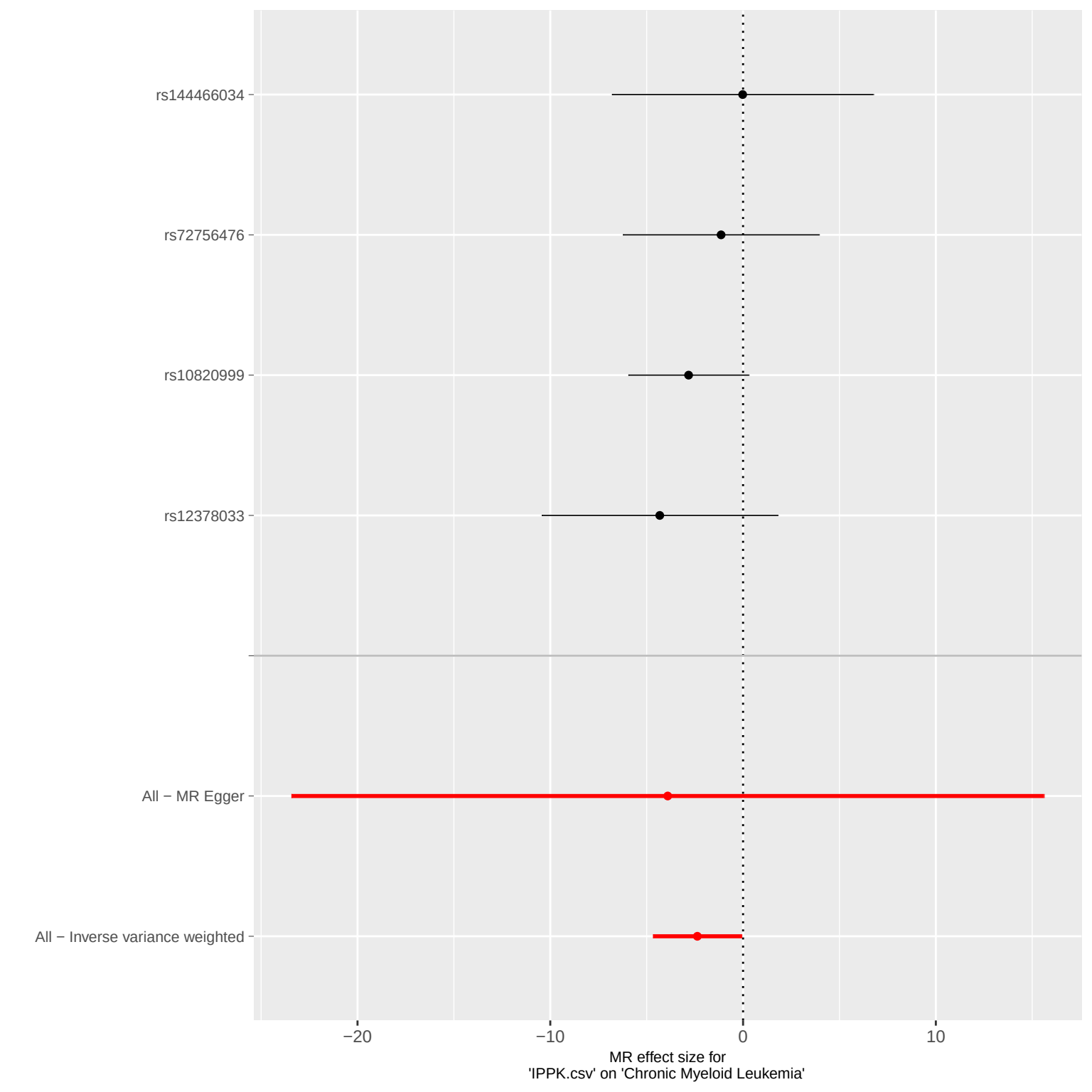
rs144466034
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All − Inverse variance weighted
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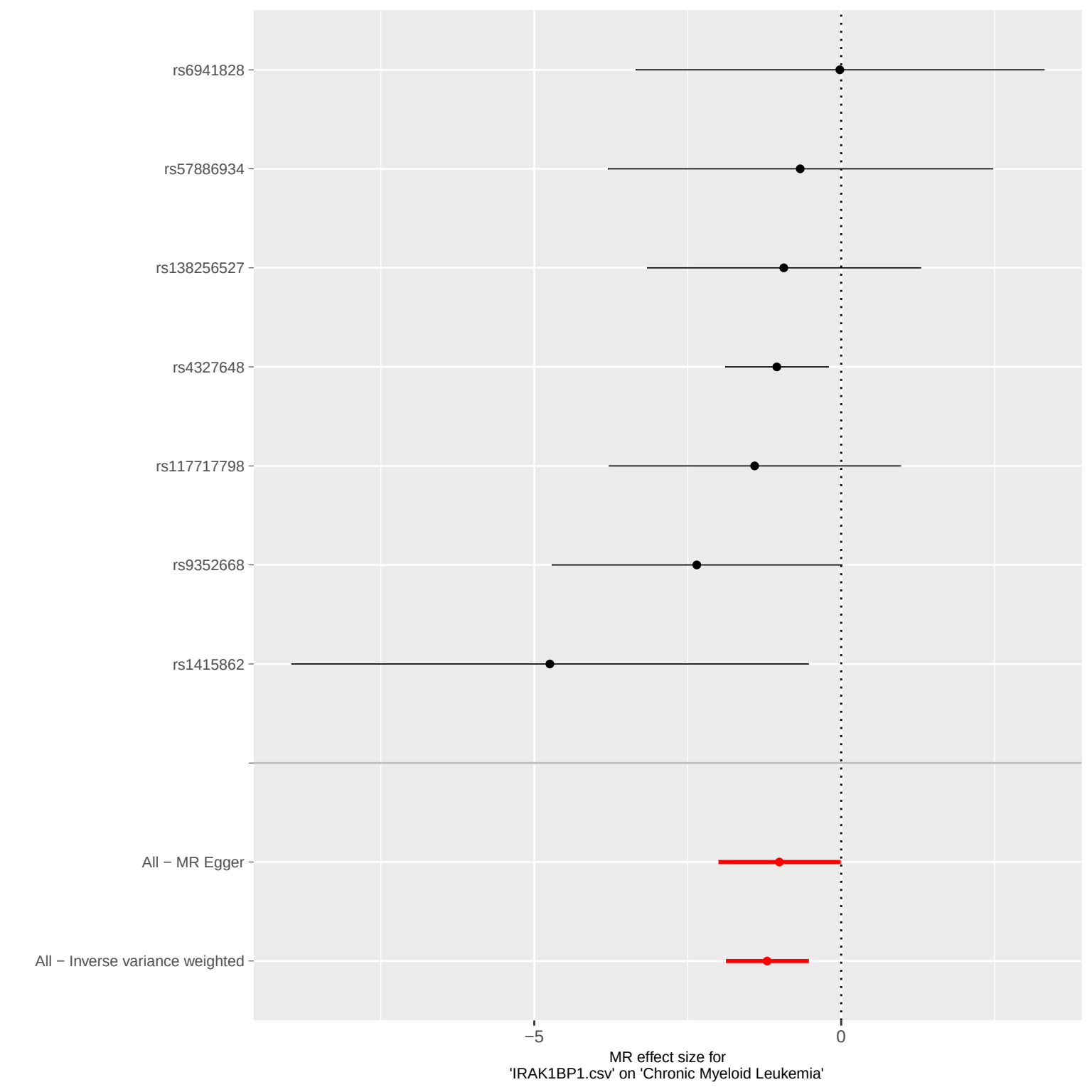
MR effect size for
'IPPK.csv' on 'Chronic Myeloid Leukemia'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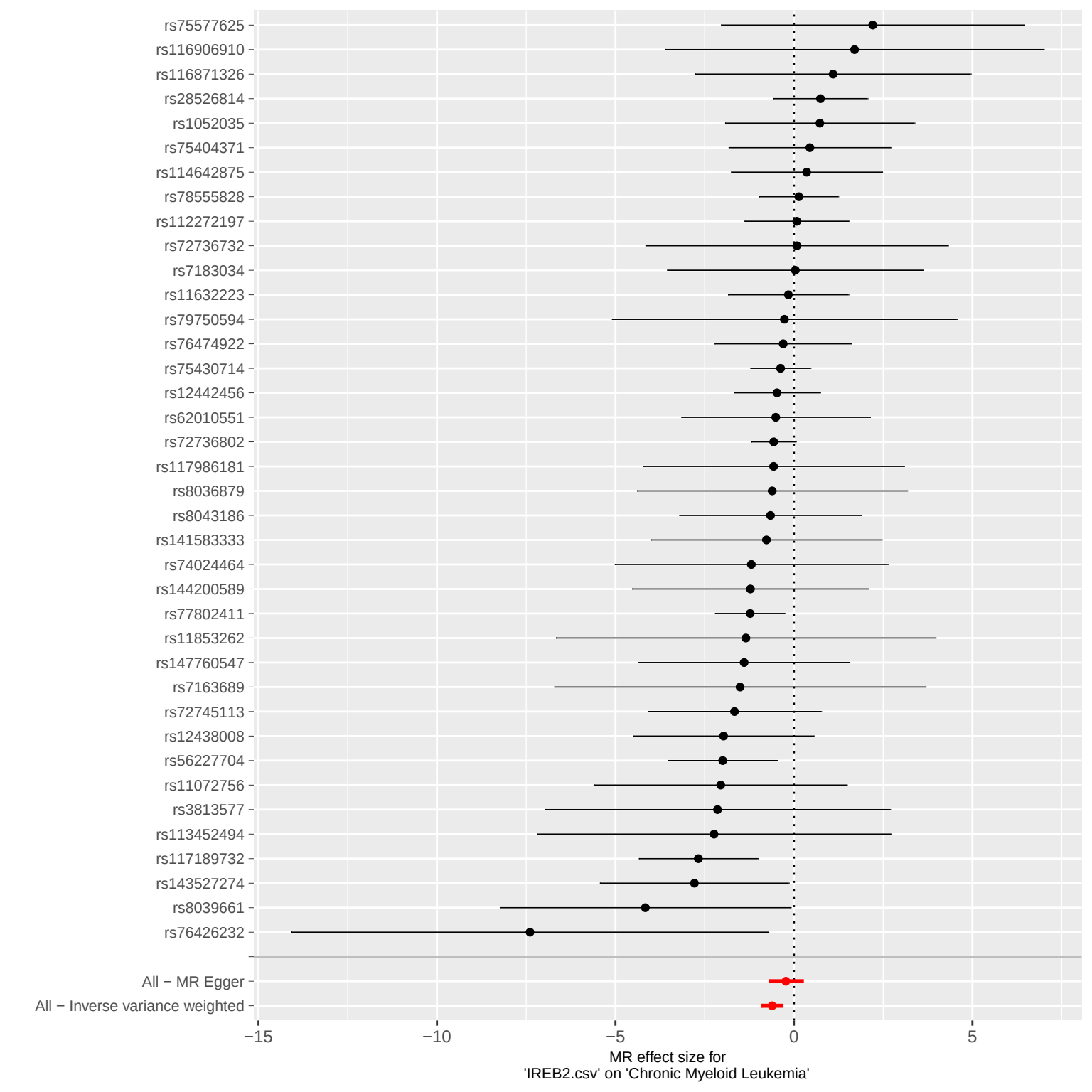
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rs8043186
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rs147760547
rs7163689
rs72745113
rs12438008
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rs3813577
rs113452494
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All − MR Egger
All − Inverse variance weighted
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−5
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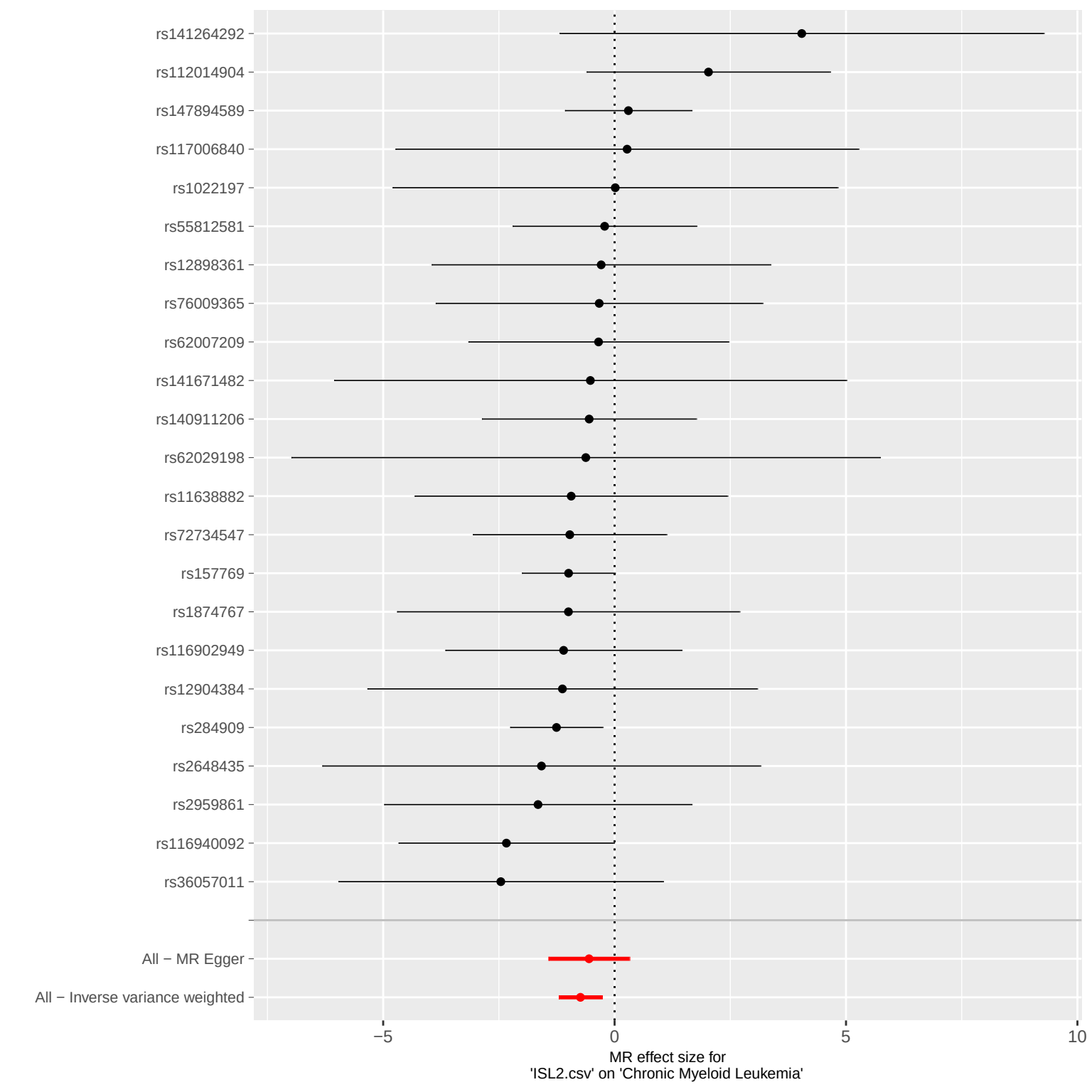
MR effect size for
'IREB2.csv' on 'Chronic Myeloid Leukemia'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rs157769
rs1874767
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rs12904384
rs284909
rs2648435
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All − Inverse variance weighted
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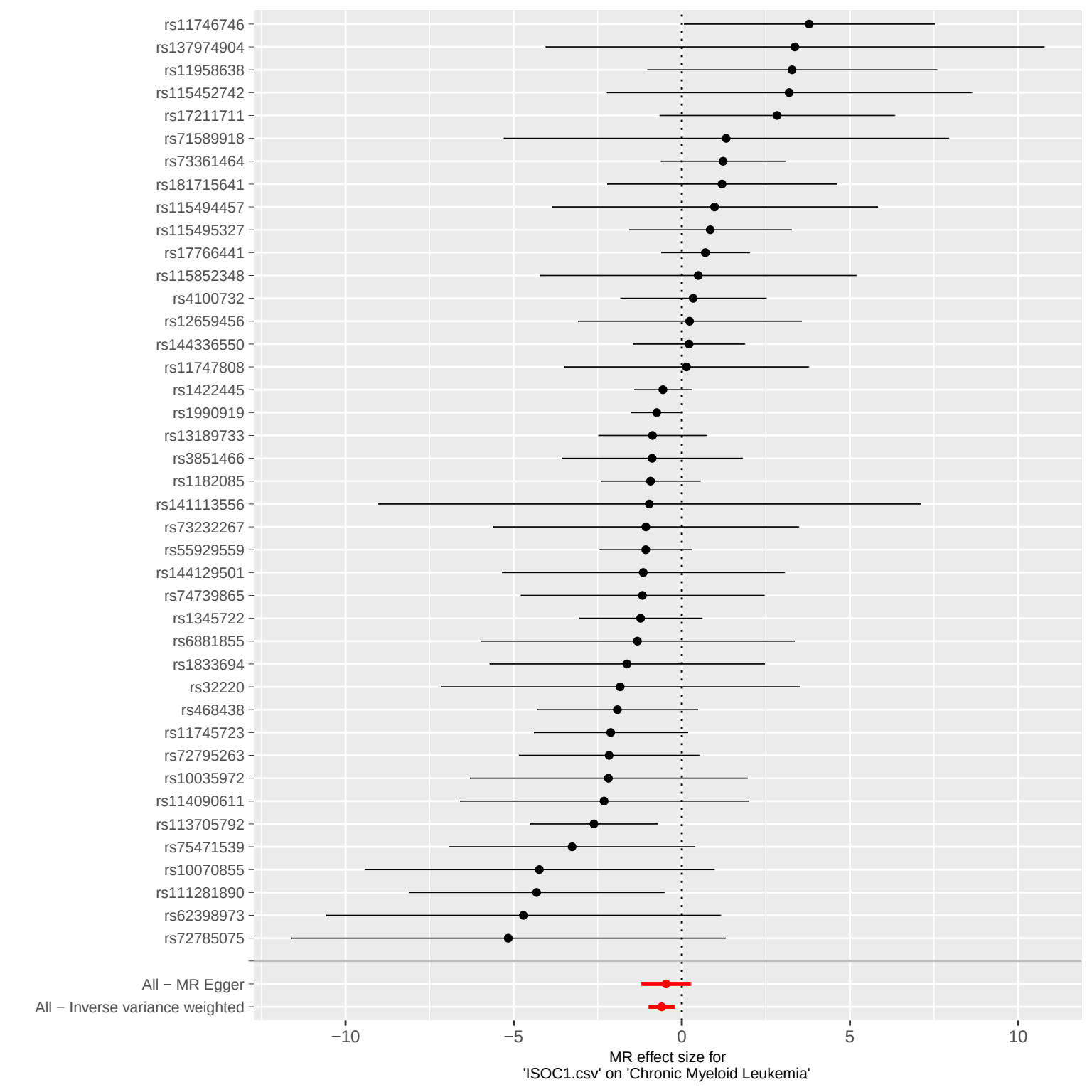
MR effect size for
'ISL2.csv' on 'Chronic Myeloid Leukemia'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rs10070855
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All − MR Egger
All − Inverse variance weighted
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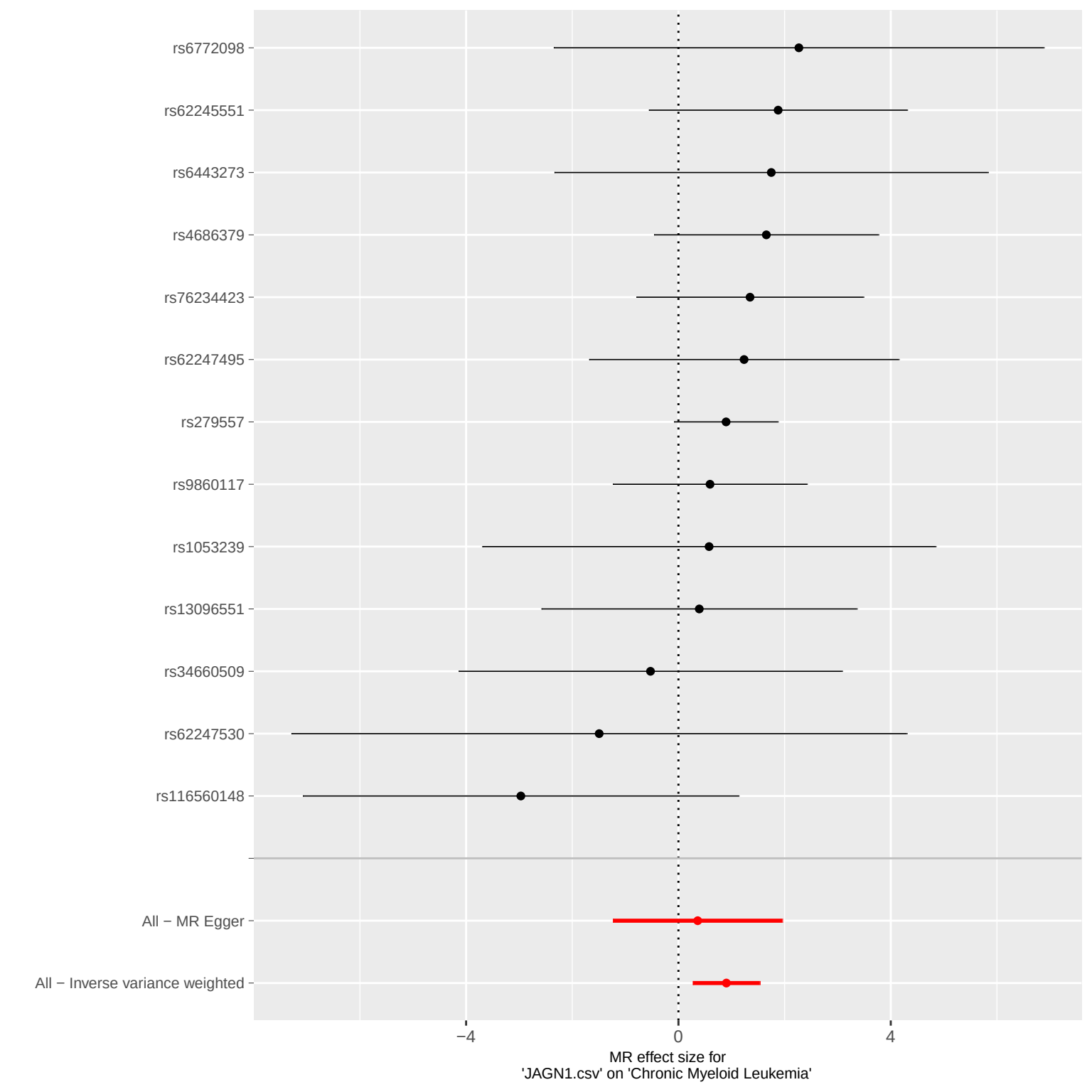
MR effect size for
'ISOC1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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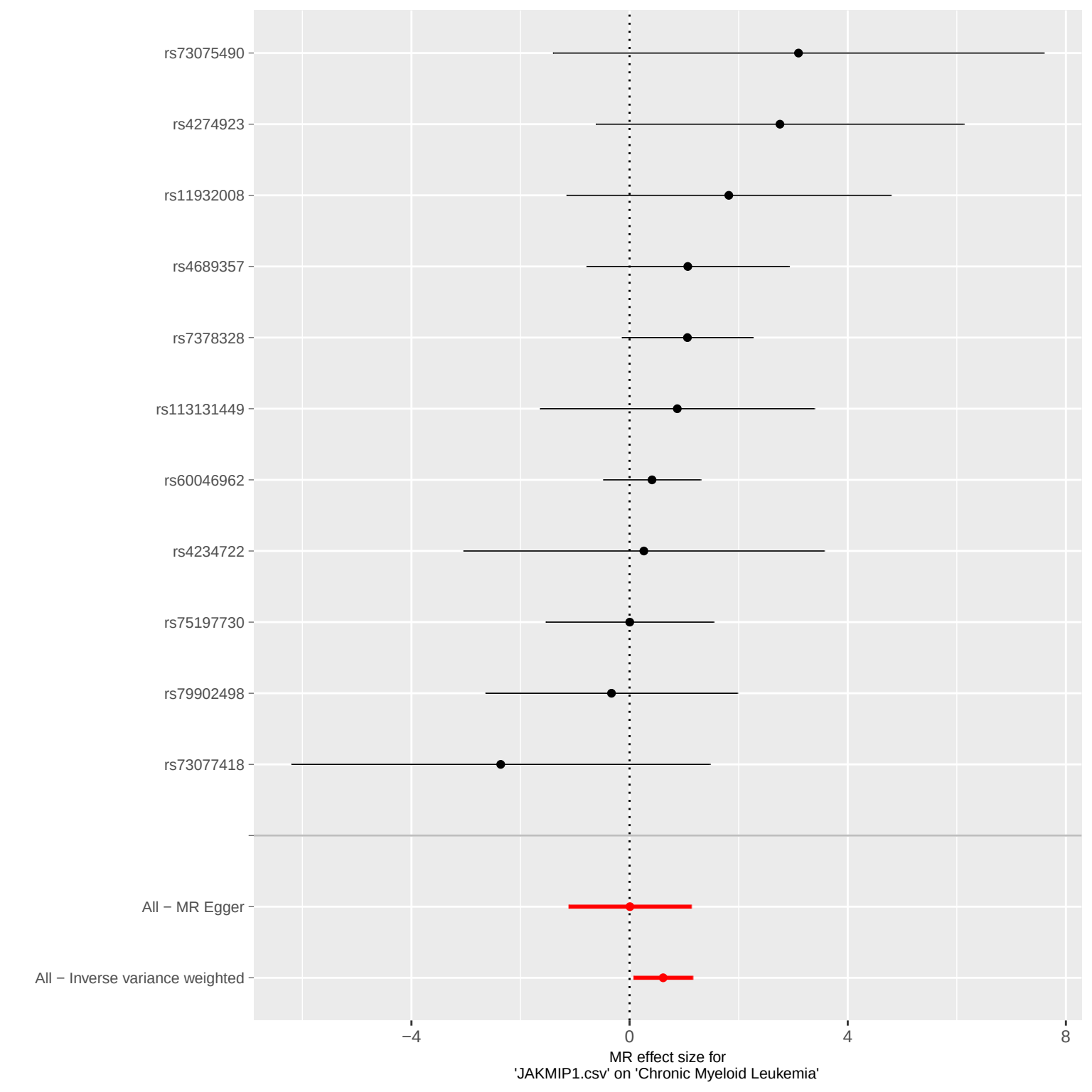
MR effect size for
'JAGN1.csv' on 'Chronic Myeloid Leukemia'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rs113131449
rs60046962
rs4234722
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rs79902498
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All − MR Egger
All − Inverse variance weighted
−4
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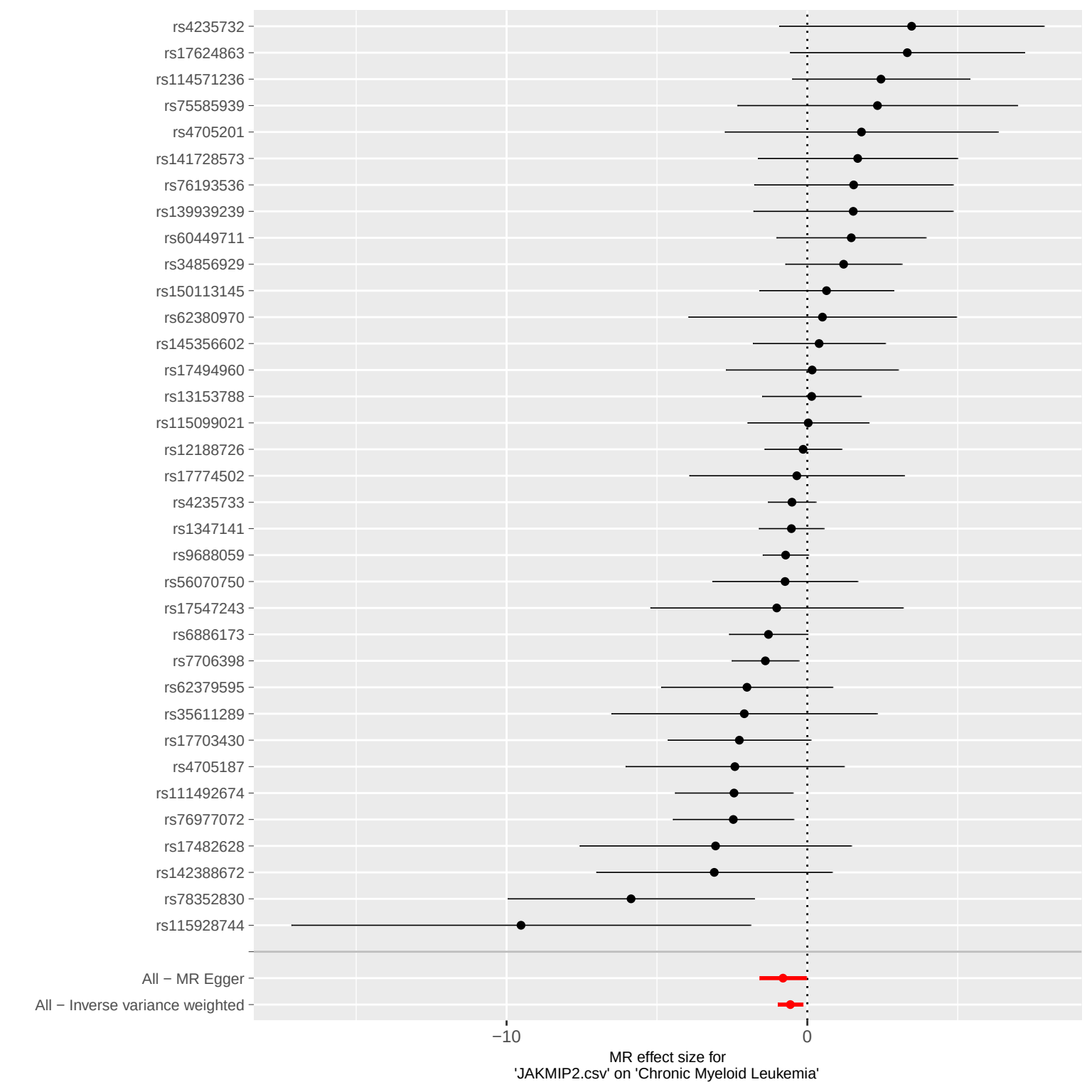
4
8
MR effect size for
'JAKMIP1.csv' on 'Chronic Myeloid Leukemia'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rs62380970
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rs56070750
rs17547243
rs6886173
rs7706398
rs62379595
rs35611289
rs17703430
rs4705187
rs111492674
rs76977072
rs17482628
rs142388672
rs78352830
rs115928744
All − MR Egger
All − Inverse variance weighted
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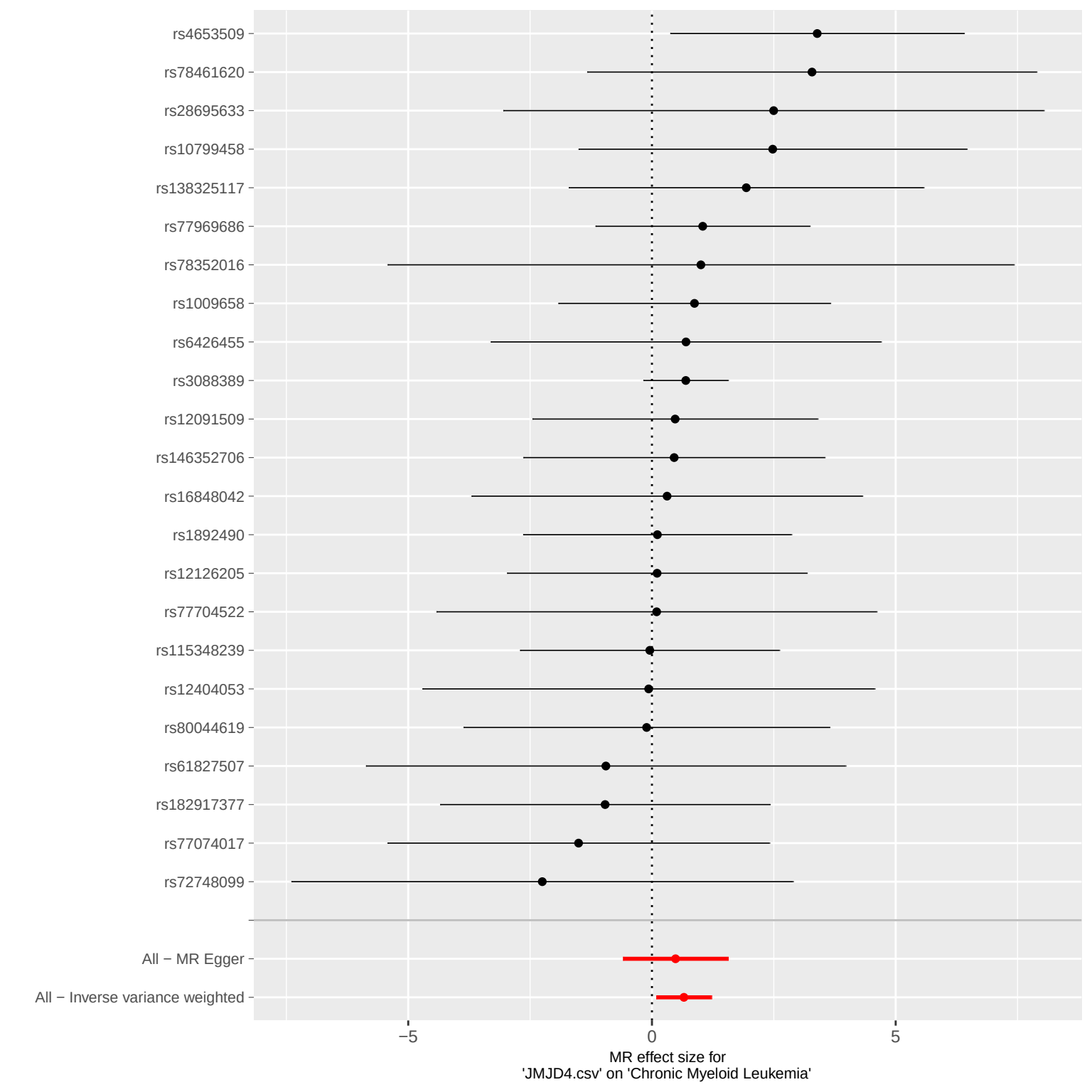
MR effect size for
'JAKMIP2.csv' on 'Chronic Myeloid Leukemia'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rs12404053
rs80044619
rs61827507
rs182917377
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rs72748099
All − MR Egger
All − Inverse variance weighted
−5
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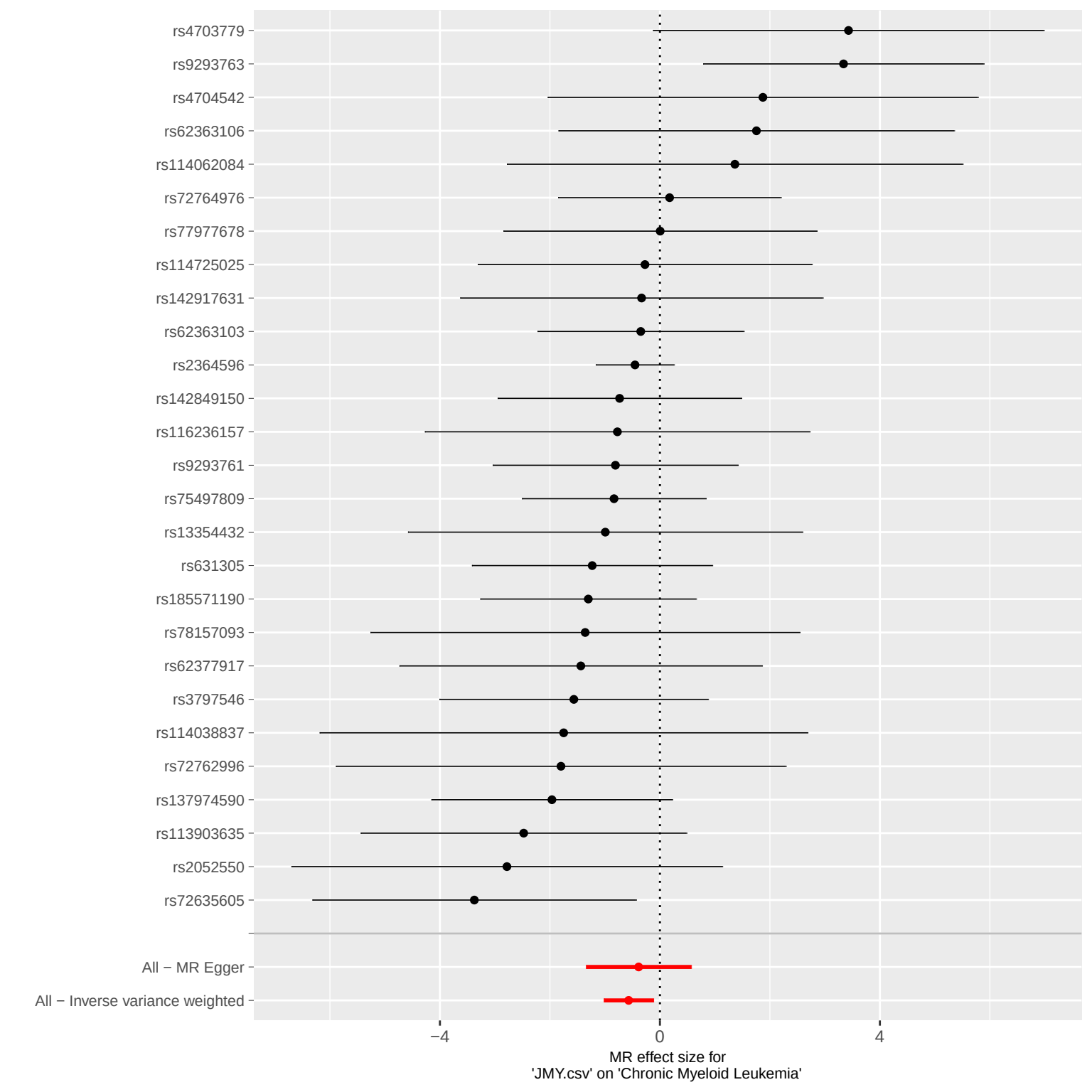
5
MR effect size for
'JMJD4.csv' on 'Chronic Myeloid Leukemia'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rs114038837
rs72762996
rs137974590
rs113903635
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rs72635605
All − MR Egger
All − Inverse variance weighted
−4
0
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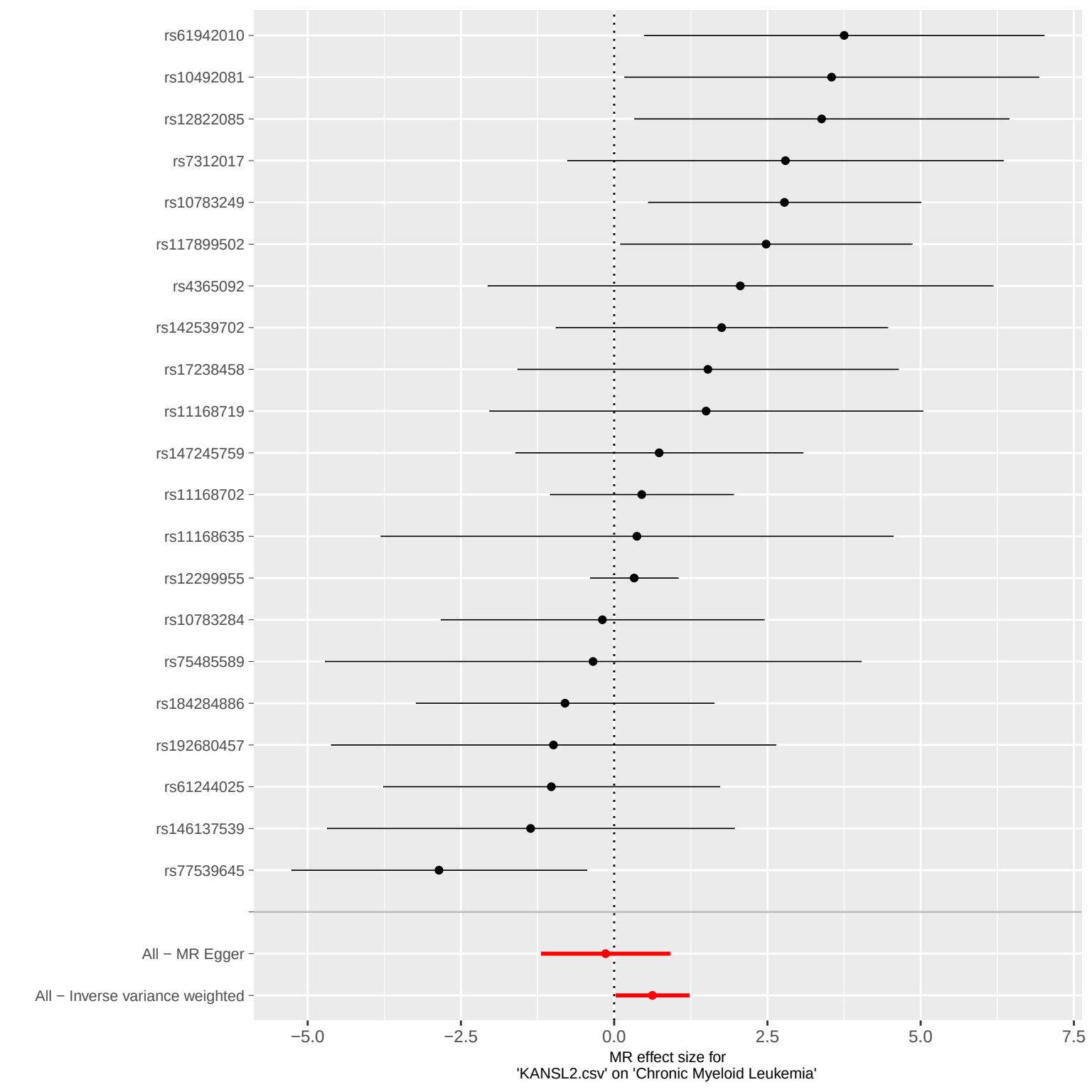
MR effect size for
'JMY.csv' on 'Chronic Myeloid Leukemia'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rs11168702
rs11168635
rs12299955
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rs184284886
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rs77539645
All − MR Egger
All − Inverse variance weighted
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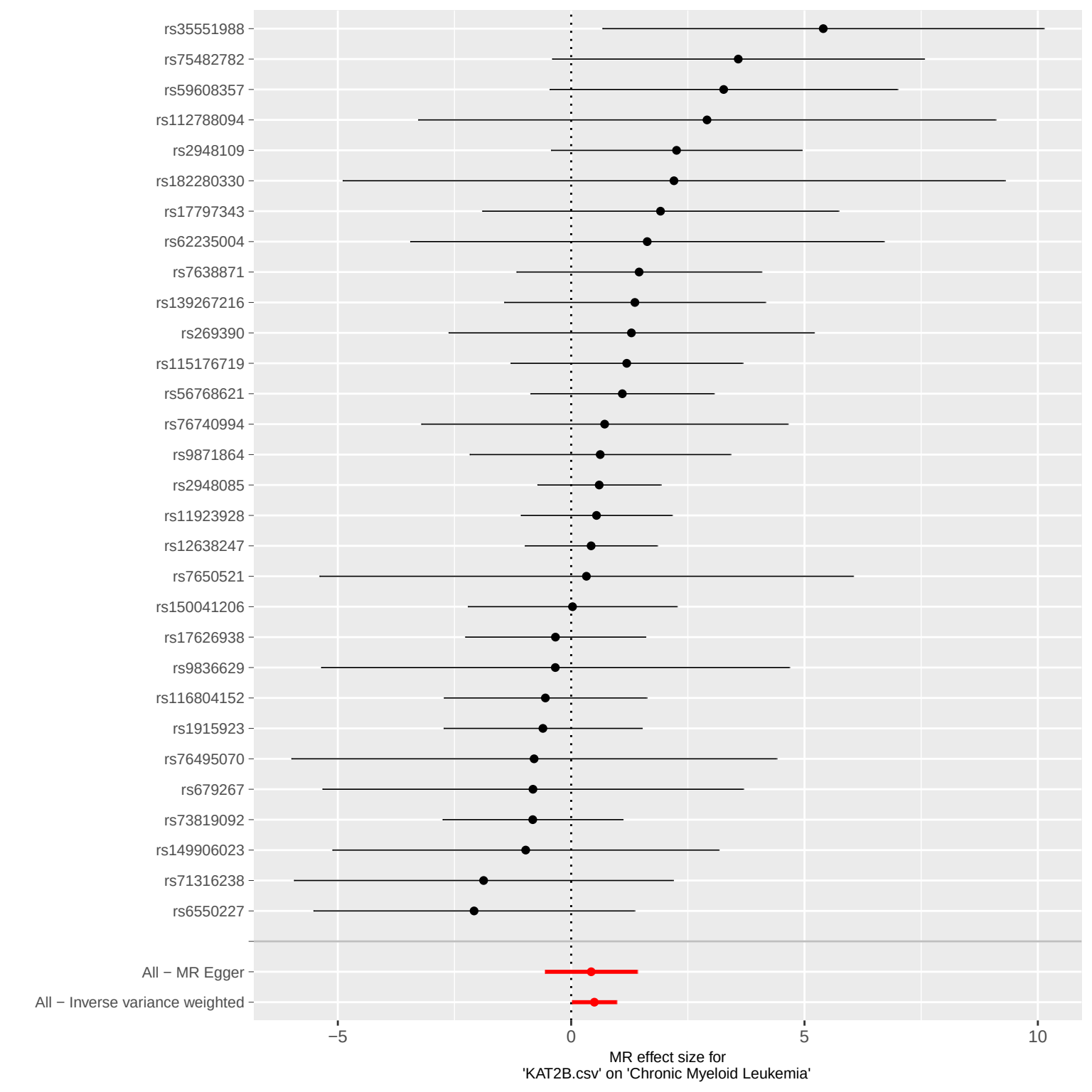
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'KANSL2.csv' on 'Chronic Myeloid Leukemia'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rs11923928
rs12638247
rs7650521
rs150041206
rs17626938
rs9836629
rs116804152
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rs76495070
rs679267
rs73819092
rs149906023
rs71316238
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All − MR Egger
All − Inverse variance weighted
−5
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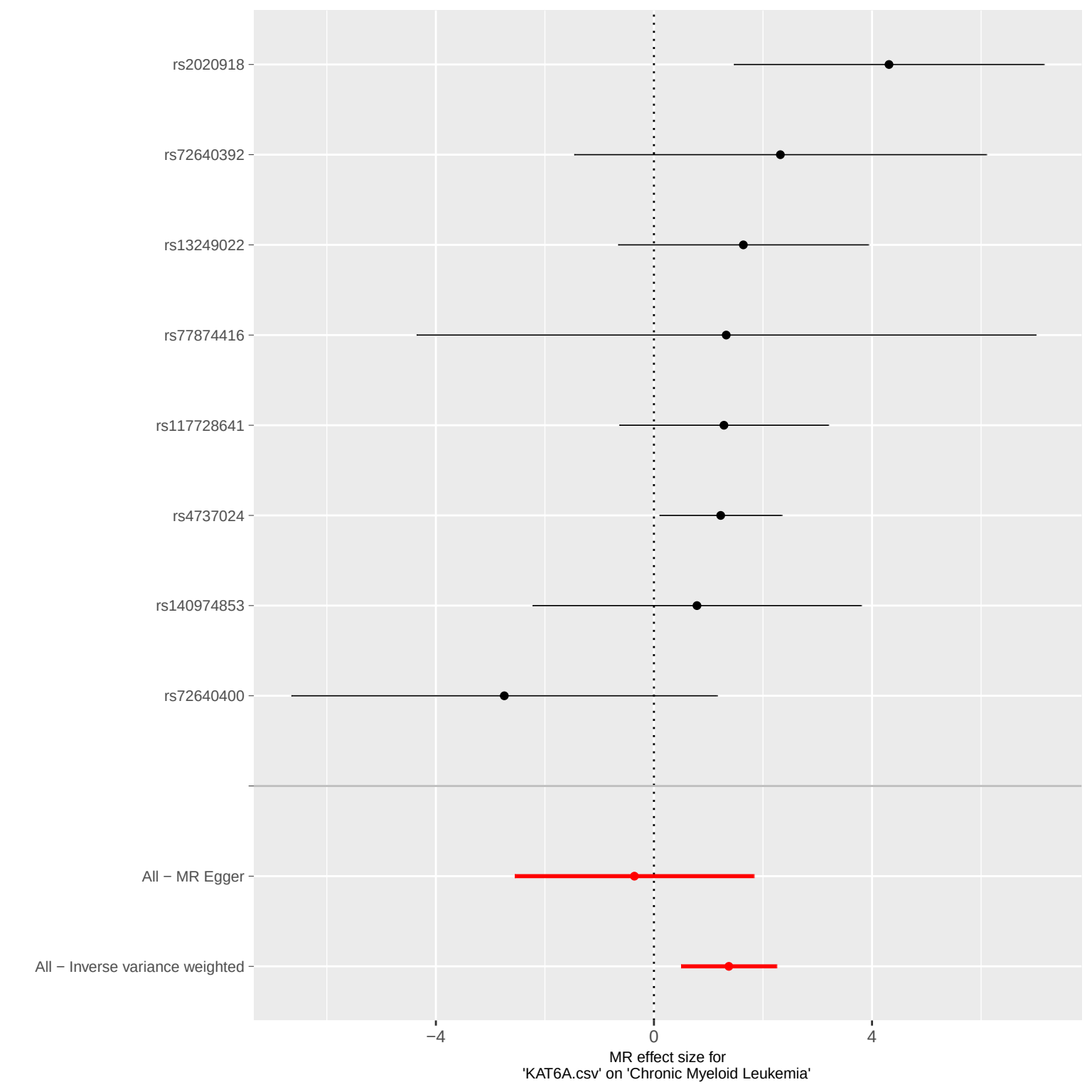
10
MR effect size for
'KAT2B.csv' on 'Chronic Myeloid Leukemia'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rs13249022
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rs4737024
rs140974853
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All − MR Egger
All − Inverse variance weighted
−4
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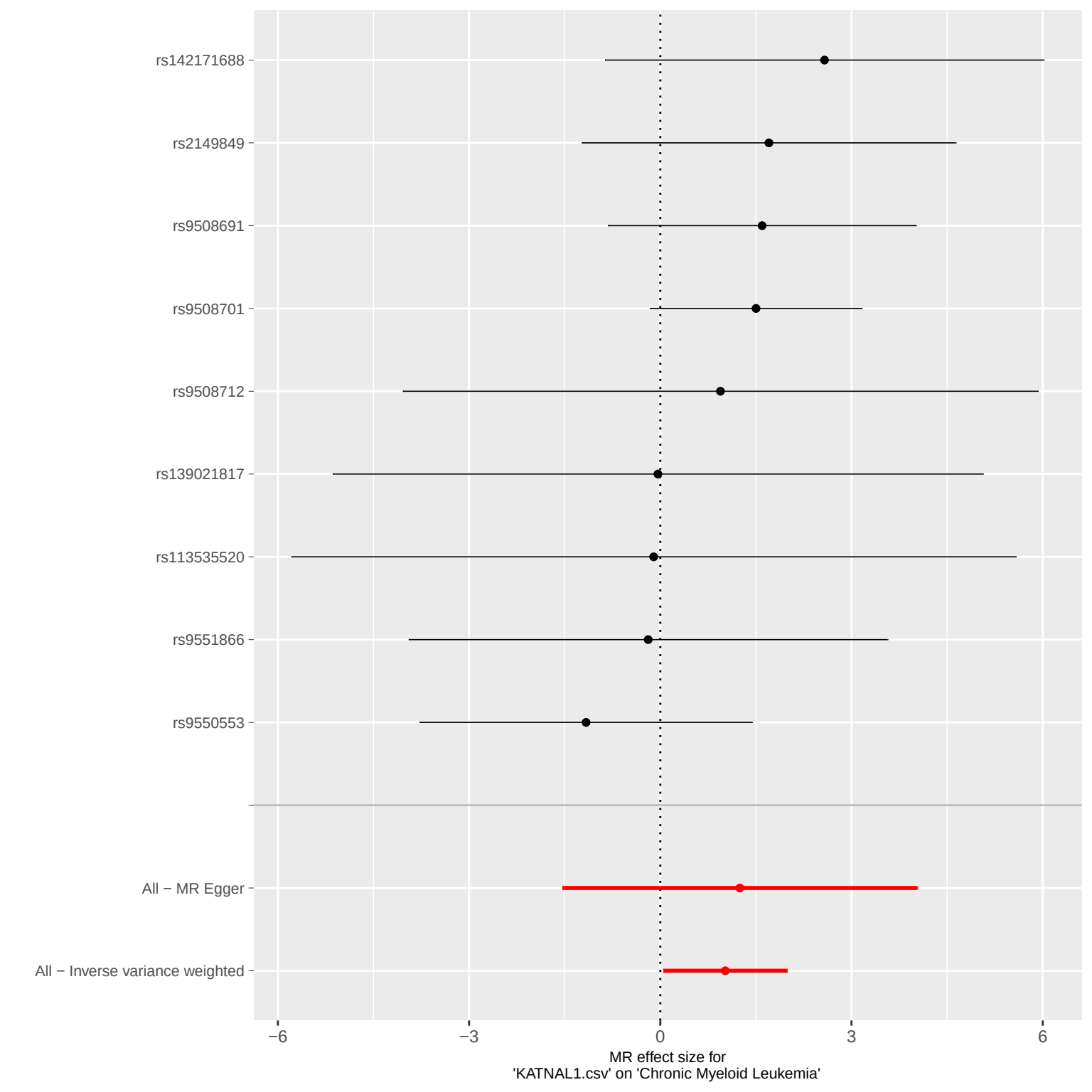
MR effect size for
'KAT6A.csv' on 'Chronic Myeloid Leukemia'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rs2149849
rs9508691
rs9508701
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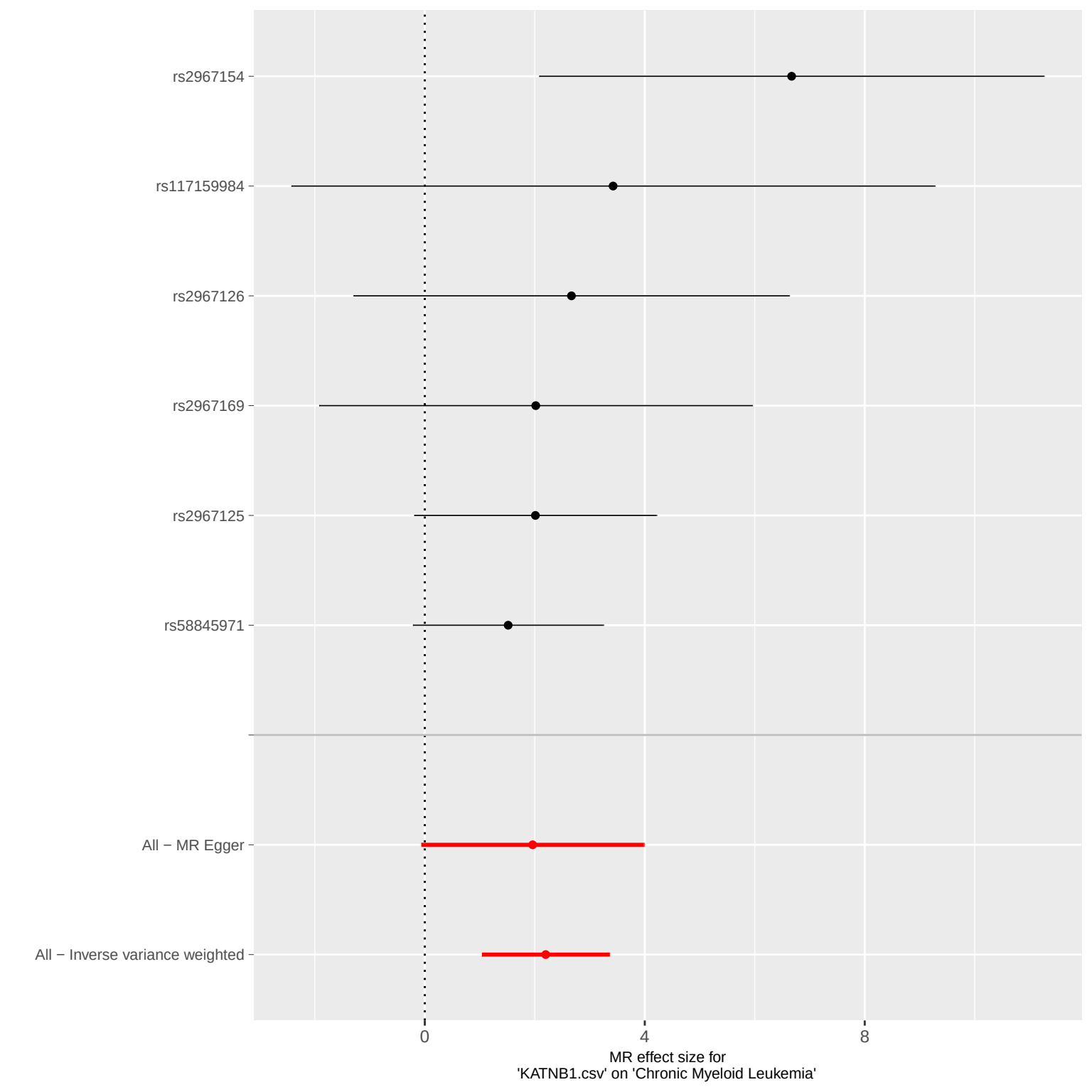
rs139021817
rs113535520
rs9551866
rs9550553
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'KATNAL1.csv' on 'Chronic Myeloid Leukemia'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rs117159984
rs2967126
rs2967169
rs2967125
rs58845971
All − MR Egger
All − Inverse variance weighted
0
4
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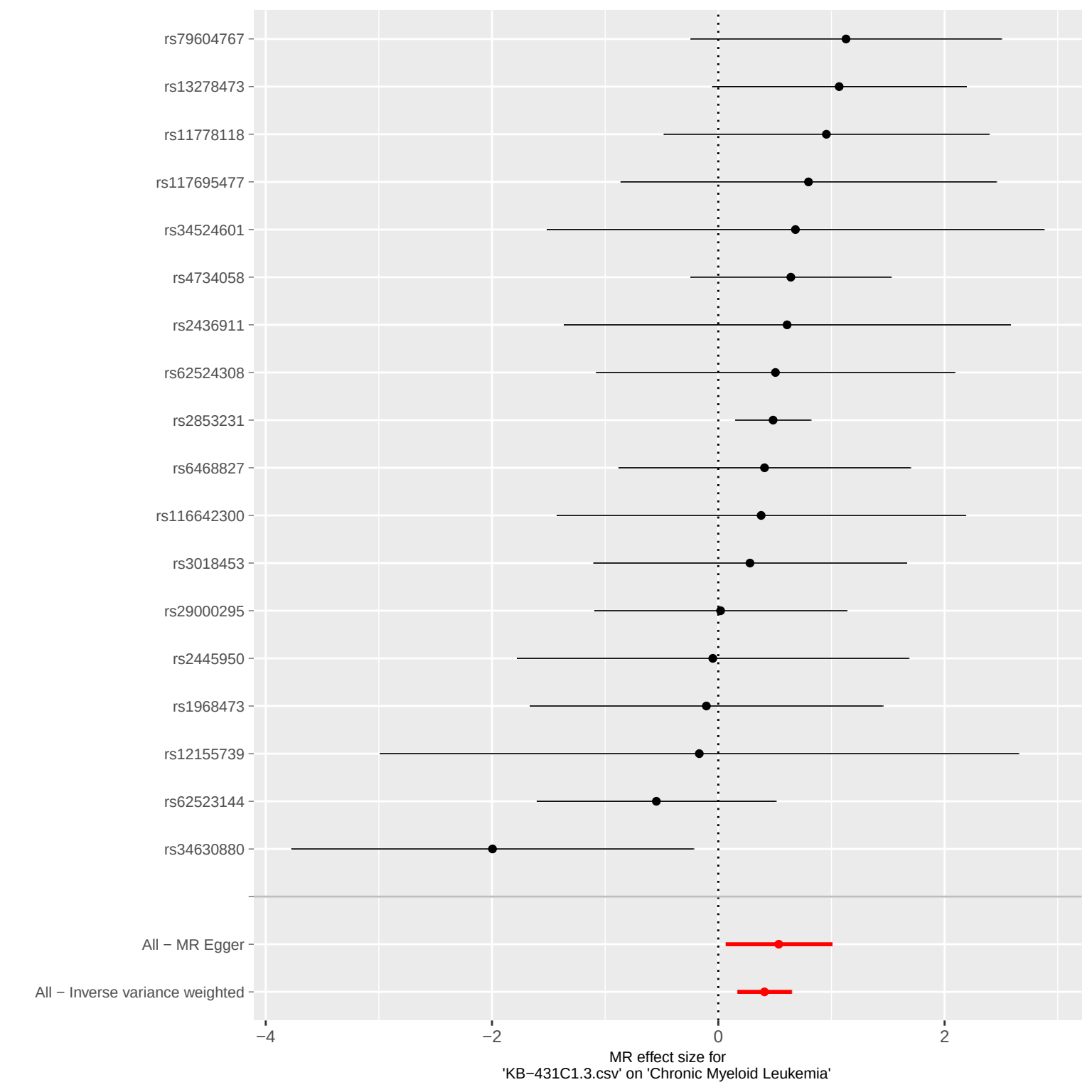
MR effect size for
'KATNB1.csv' on 'Chronic Myeloid Leukemia'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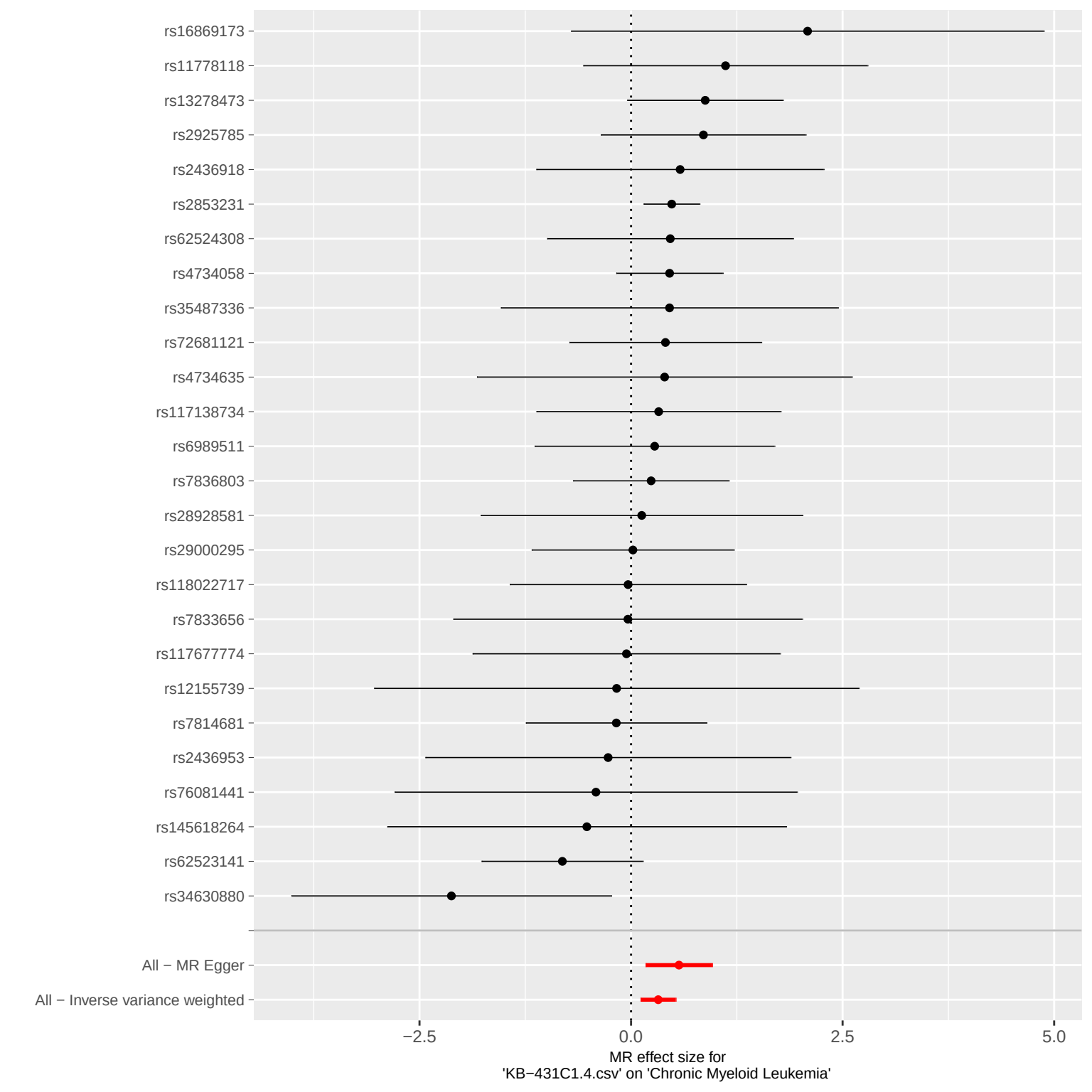
rs116642300
rs3018453
rs29000295
rs2445950
rs1968473
rs12155739
rs62523144
rs34630880
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'KB−431C1.3.csv' on 'Chronic Myeloid Leukemia'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rs7836803
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rs118022717
rs7833656
rs117677774
rs12155739
rs7814681
rs2436953
rs76081441
rs145618264
rs62523141
rs34630880
All − MR Egger
All − Inverse variance weighted
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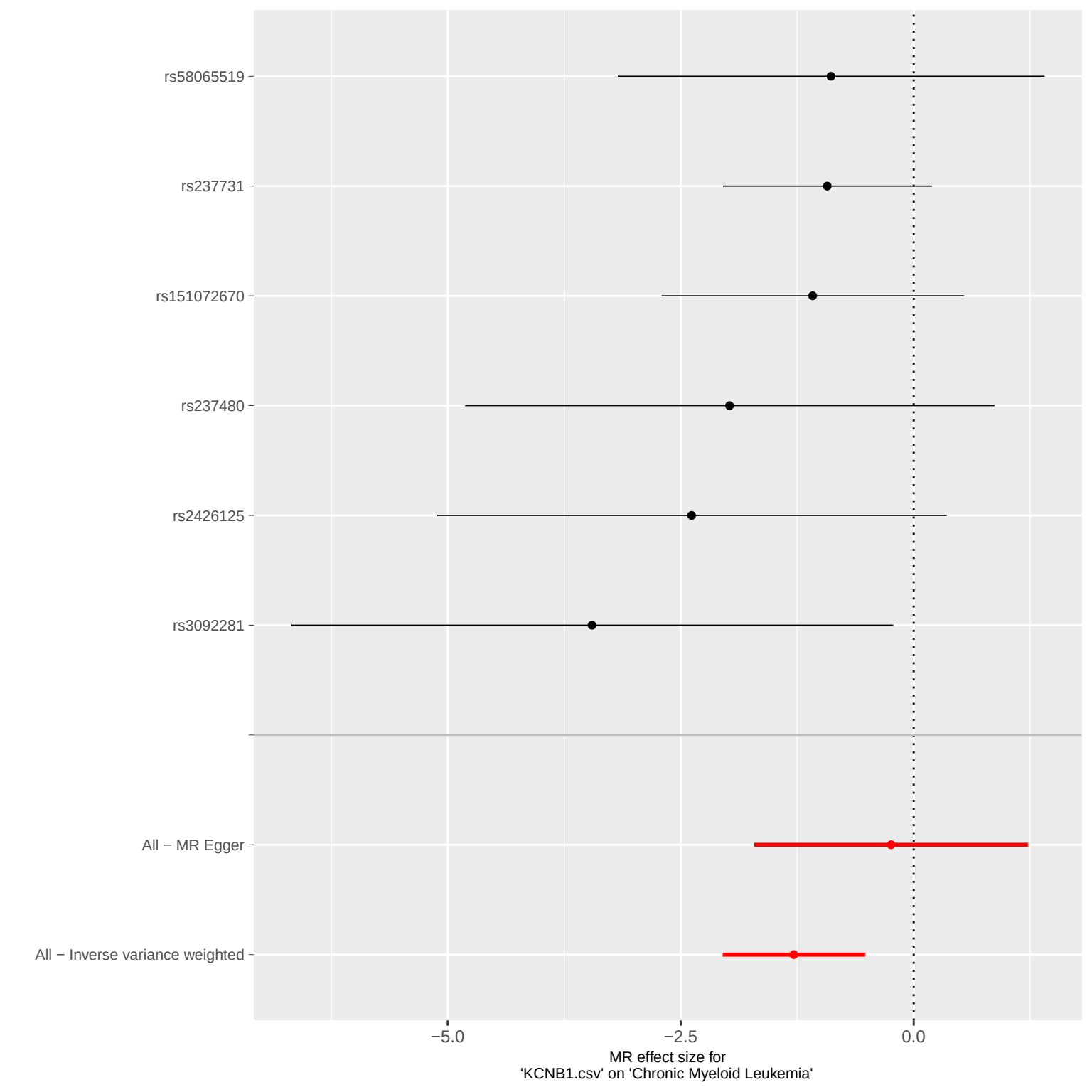
0.0
2.5
5.0
MR effect size for
'KB−431C1.4.csv' on 'Chronic Myeloid Leukemia'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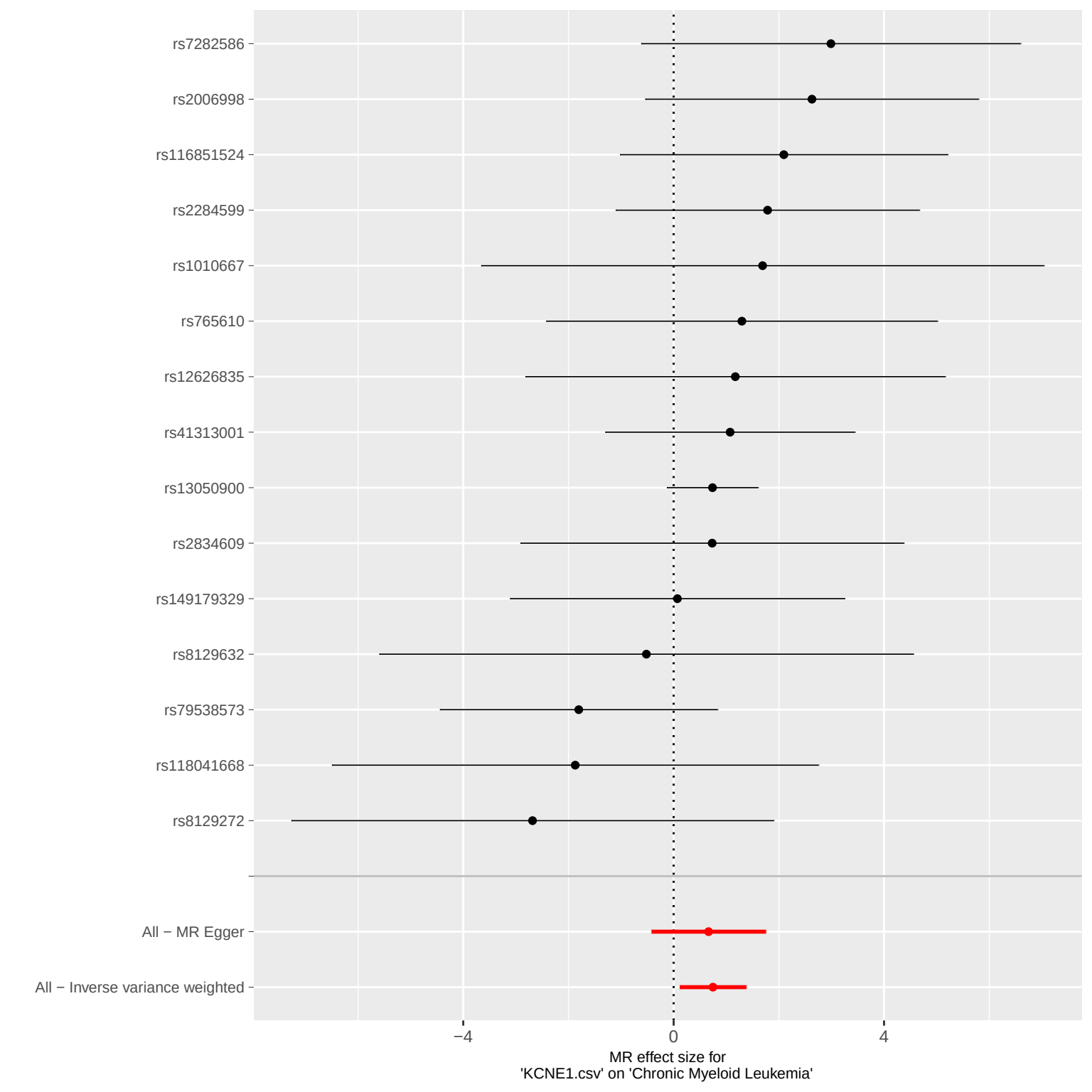
rs151072670
rs237480
rs2426125
rs3092281
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'KCNB1.csv' on 'Chronic Myeloid Leukemia'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rs79538573
rs118041668
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All − MR Egger
All − Inverse variance weighted
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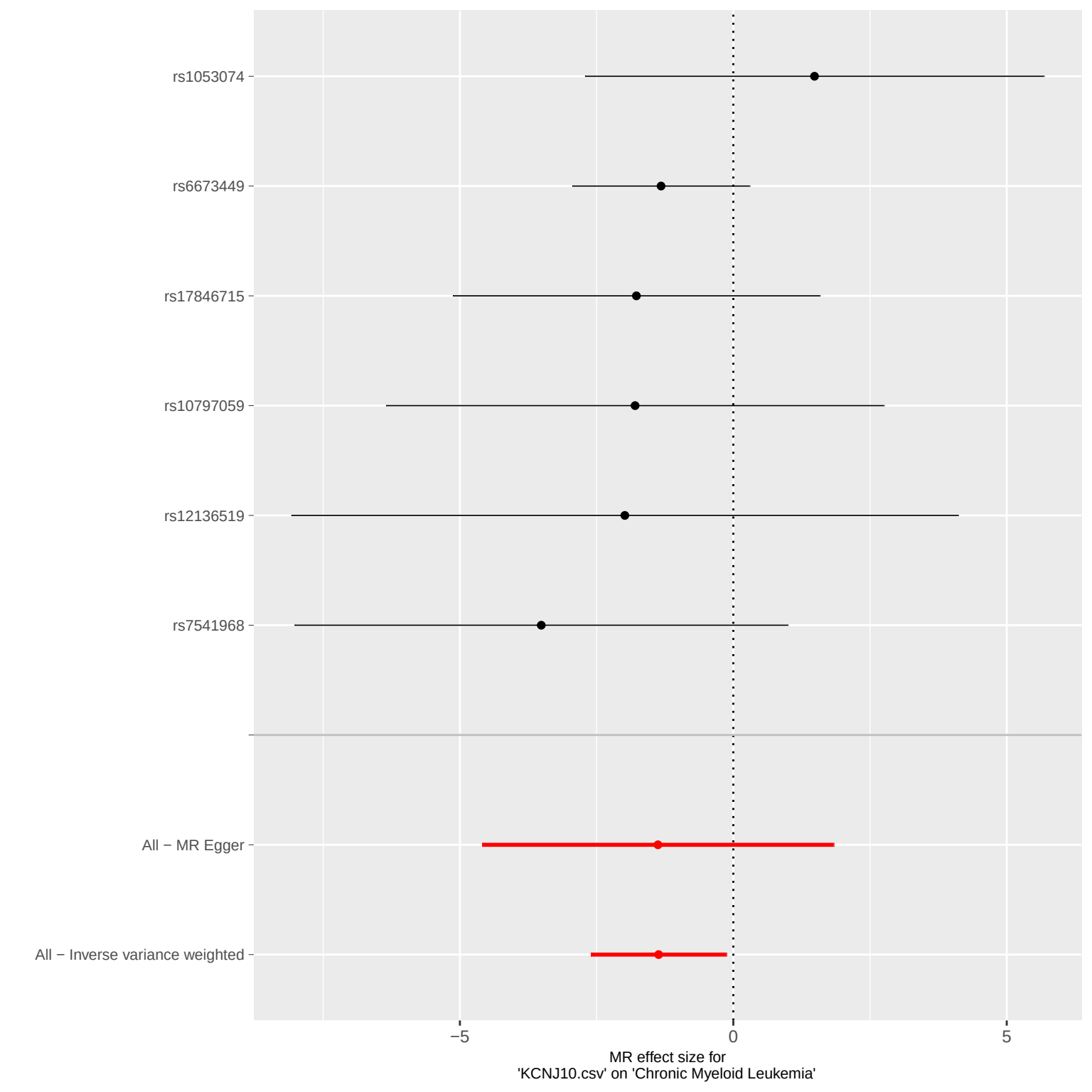
MR effect size for
'KCNE1.csv' on 'Chronic Myeloid Leukemia'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rs10797059
rs12136519
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All − Inverse variance weighted
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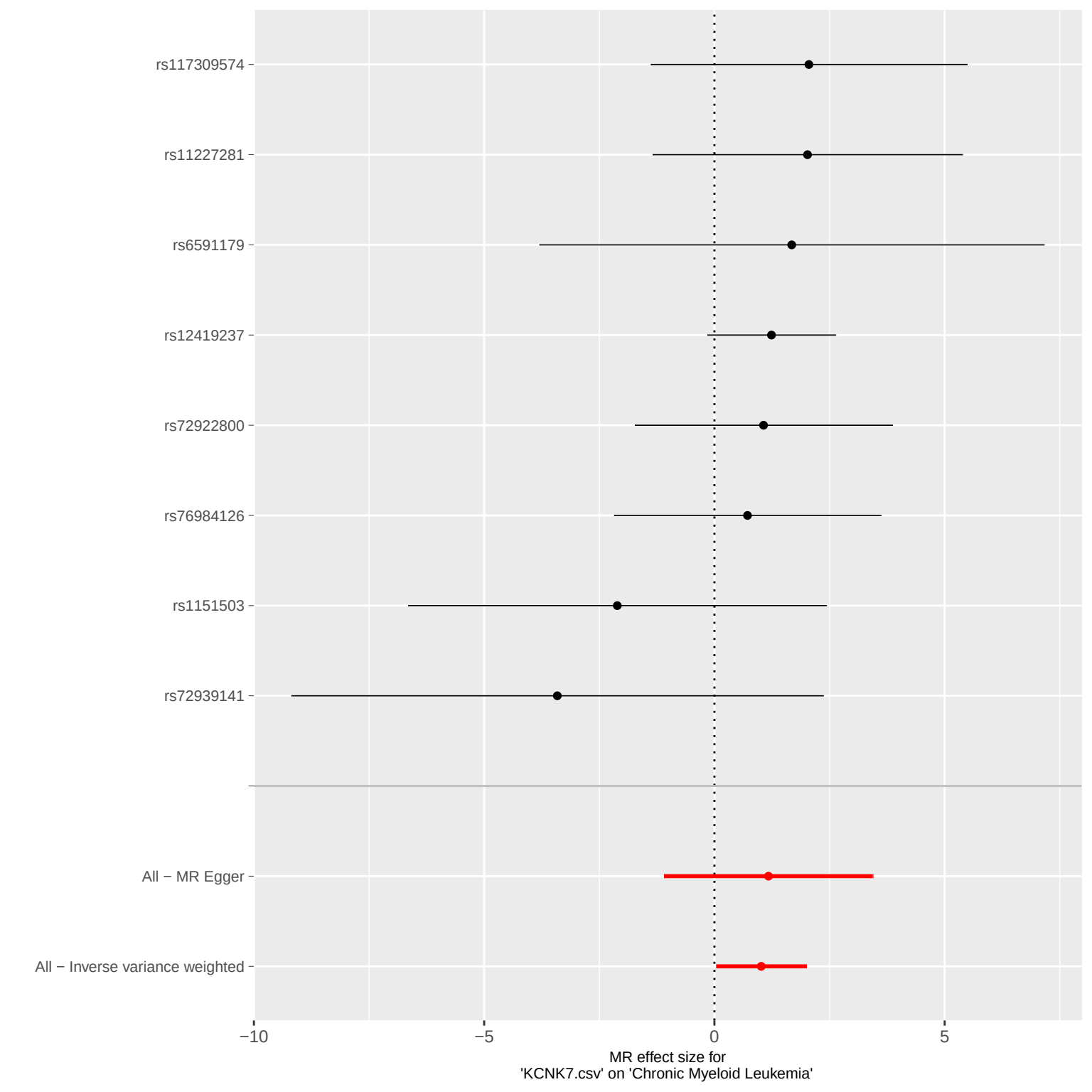
MR effect size for
'KCNJ10.csv' on 'Chronic Myeloid Leukemia'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rs11227281
rs6591179
rs12419237
rs72922800
rs76984126
rs1151503
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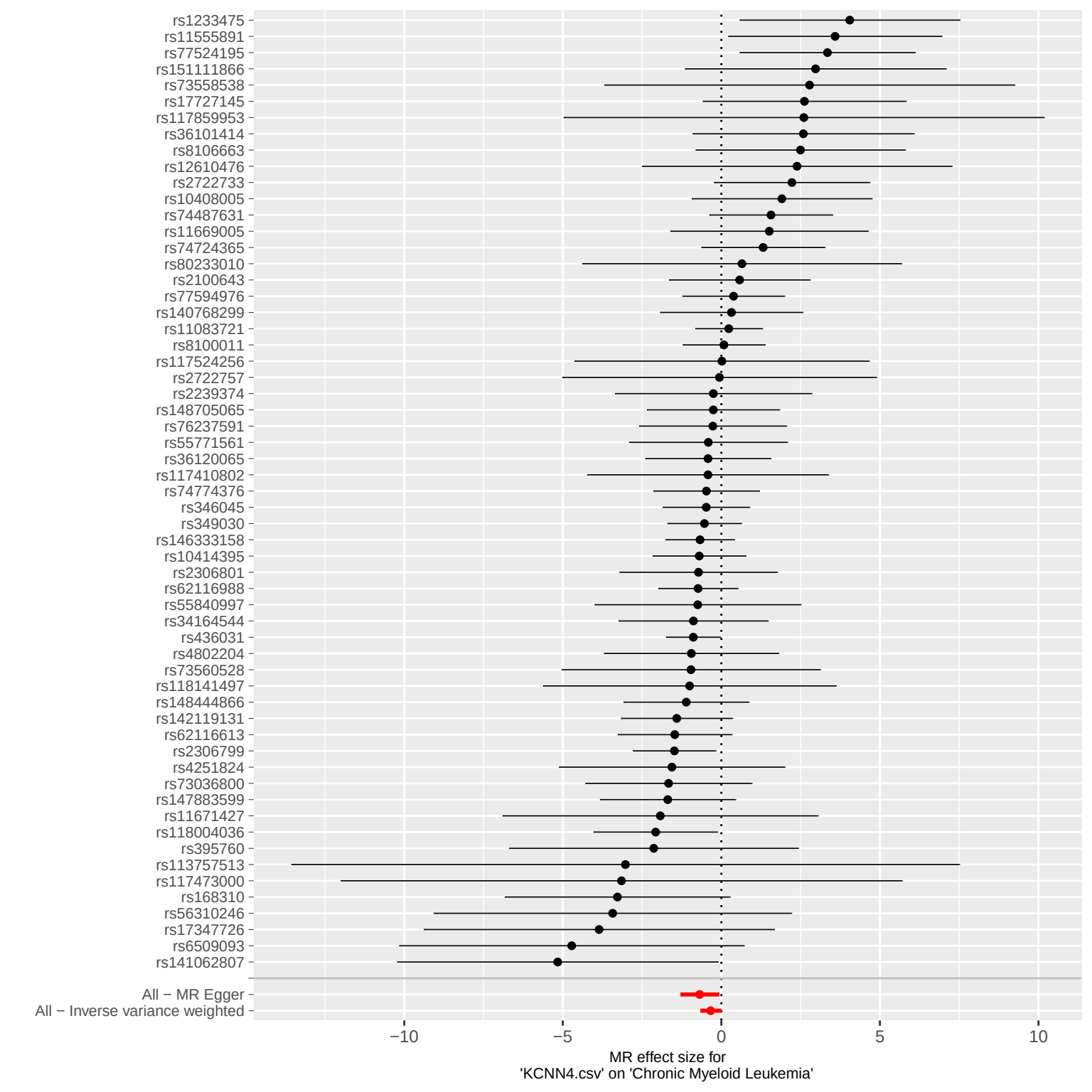
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'KCNK7.csv' on 'Chronic Myeloid Leukemia'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rs117473000
rs168310
rs56310246
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rs6509093
rs141062807
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All − Inverse variance weighted
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−5
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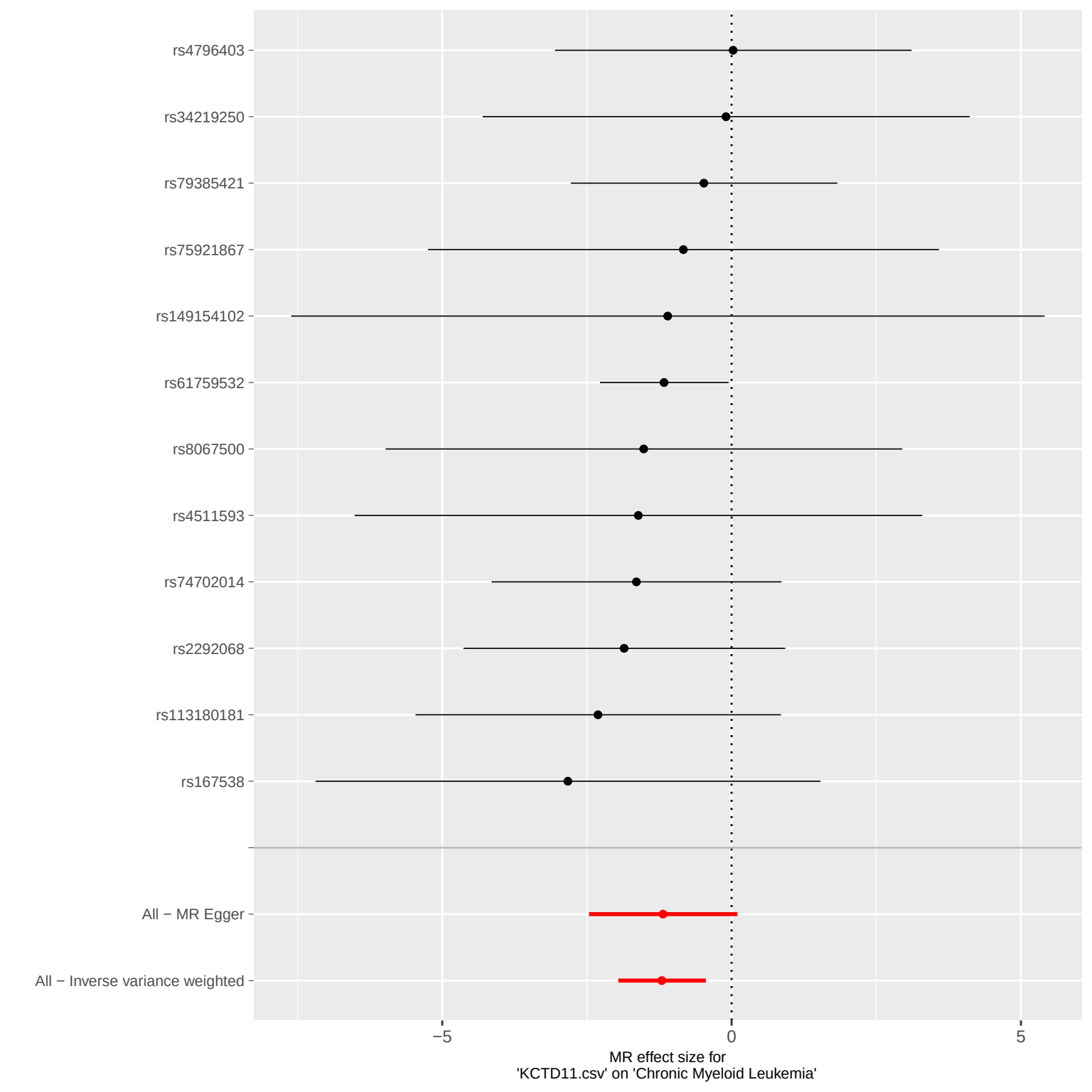
MR effect size for
'KCNN4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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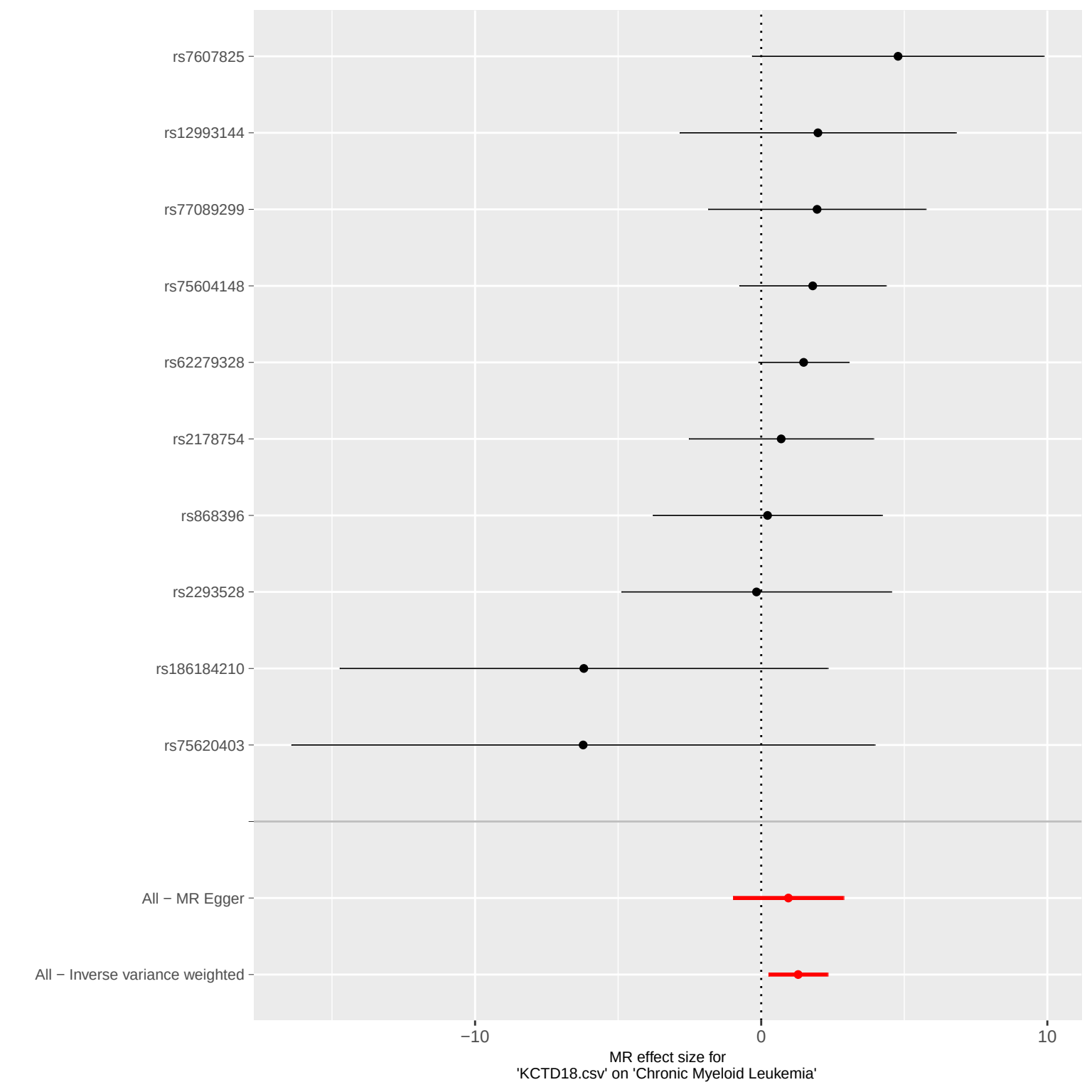
MR effect size for
'KCTD11.csv' on 'Chronic Myeloid Leukemia'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rs62279328
rs2178754
rs868396
rs2293528
rs186184210
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All − MR Egger
All − Inverse variance weighted
−10
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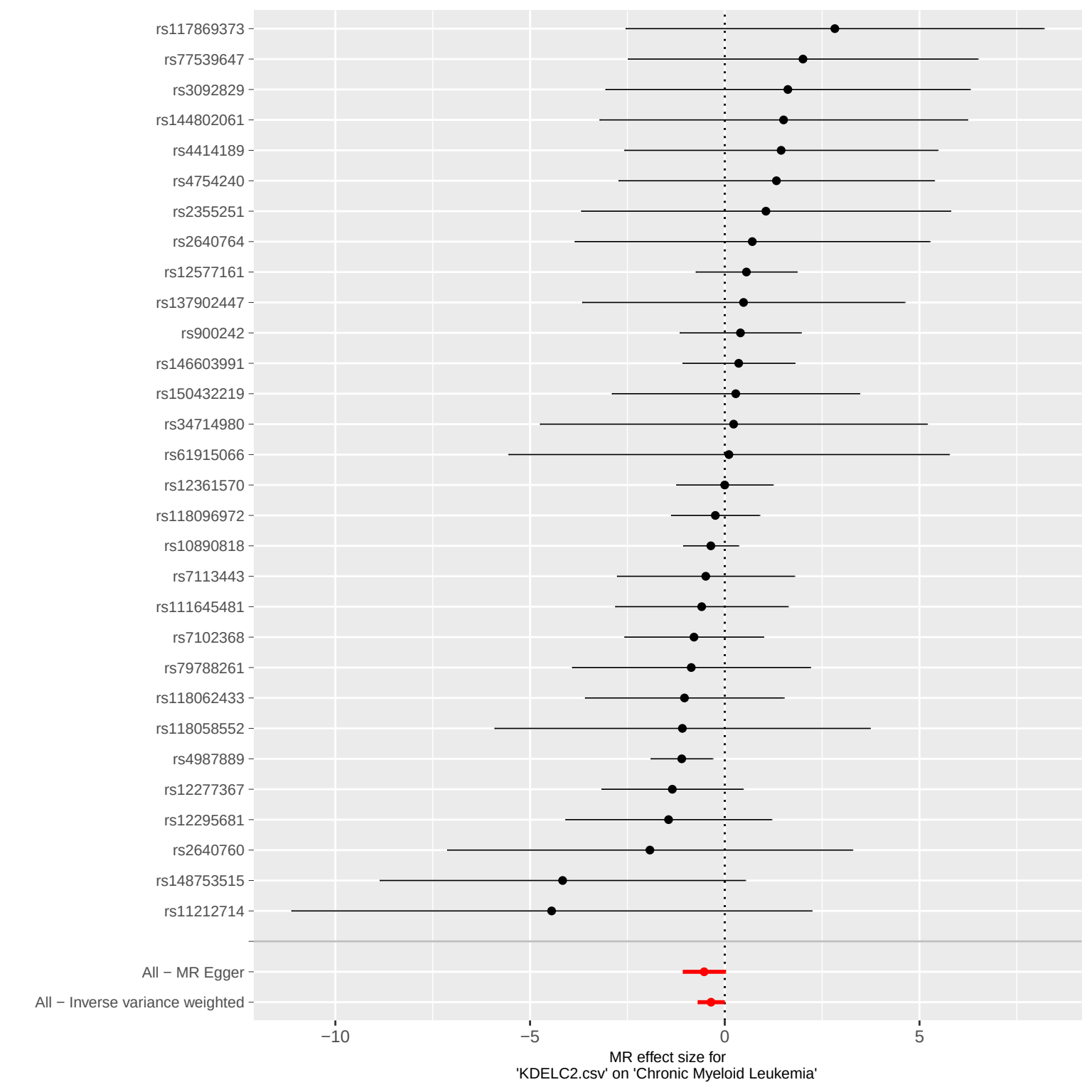
MR effect size for
'KCTD18.csv' on 'Chronic Myeloid Leukemia'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rs7102368
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rs4987889
rs12277367
rs12295681
rs2640760
rs148753515
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All − MR Egger
All − Inverse variance weighted
−10
−5
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MR effect size for
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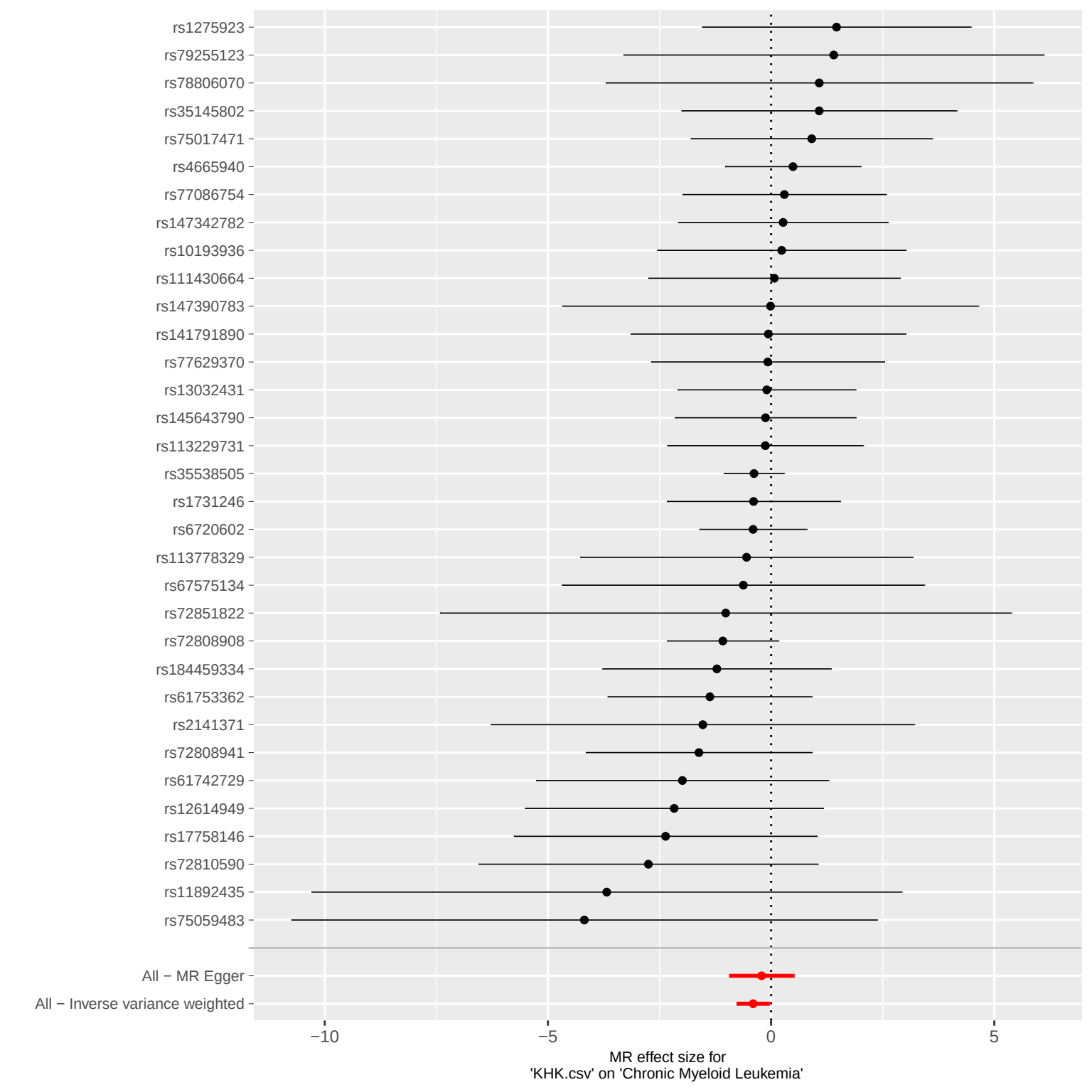
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rs13032431
rs145643790
rs113229731
rs35538505
rs1731246
rs6720602
rs113778329
rs67575134
rs72851822
rs72808908
rs184459334
rs61753362
rs2141371
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rs61742729
rs12614949
rs17758146
rs72810590
rs11892435
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All − MR Egger
All − Inverse variance weighted
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−5
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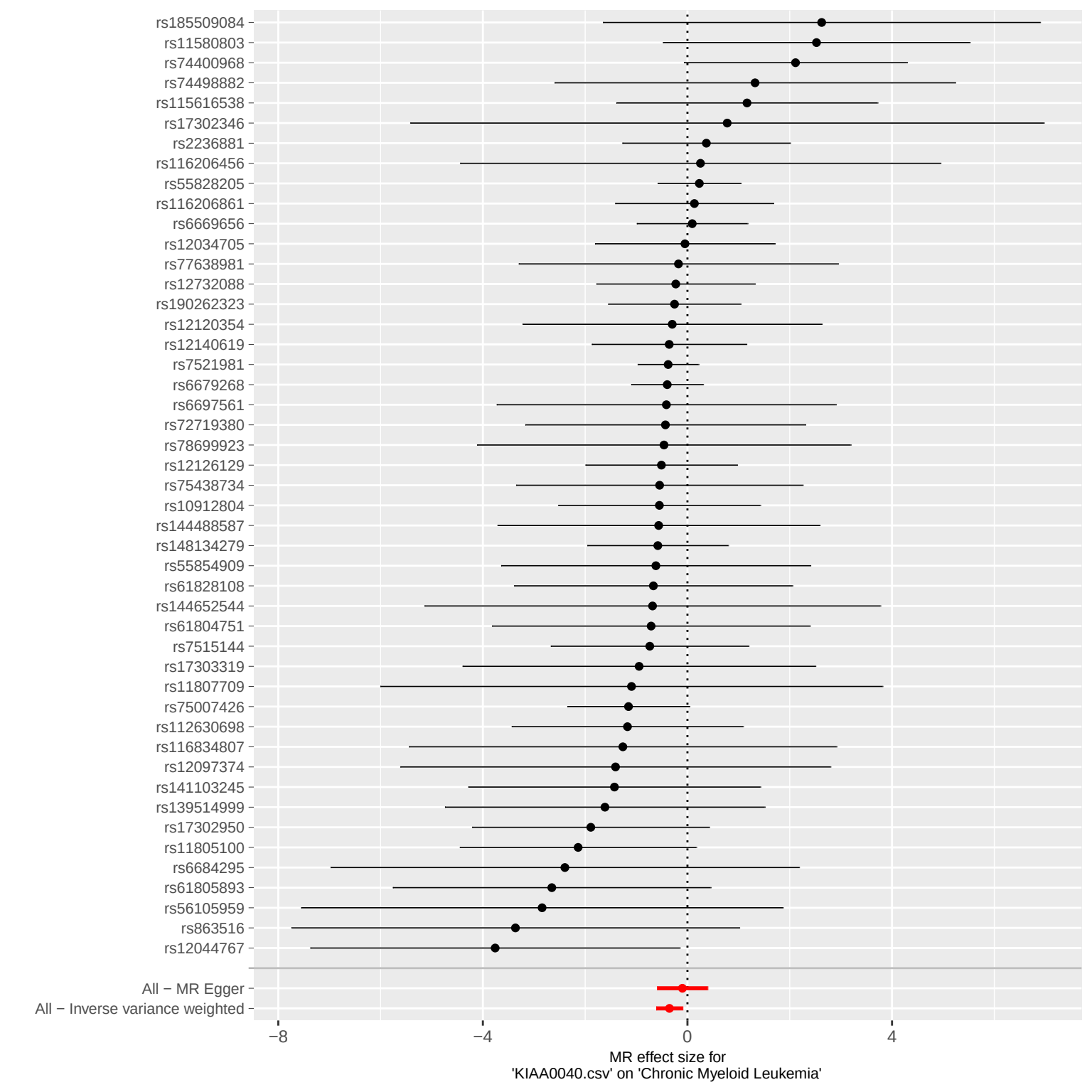
MR effect size for
'KHK.csv' on 'Chronic Myeloid Leukemia'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rs78699923
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MR effect size for
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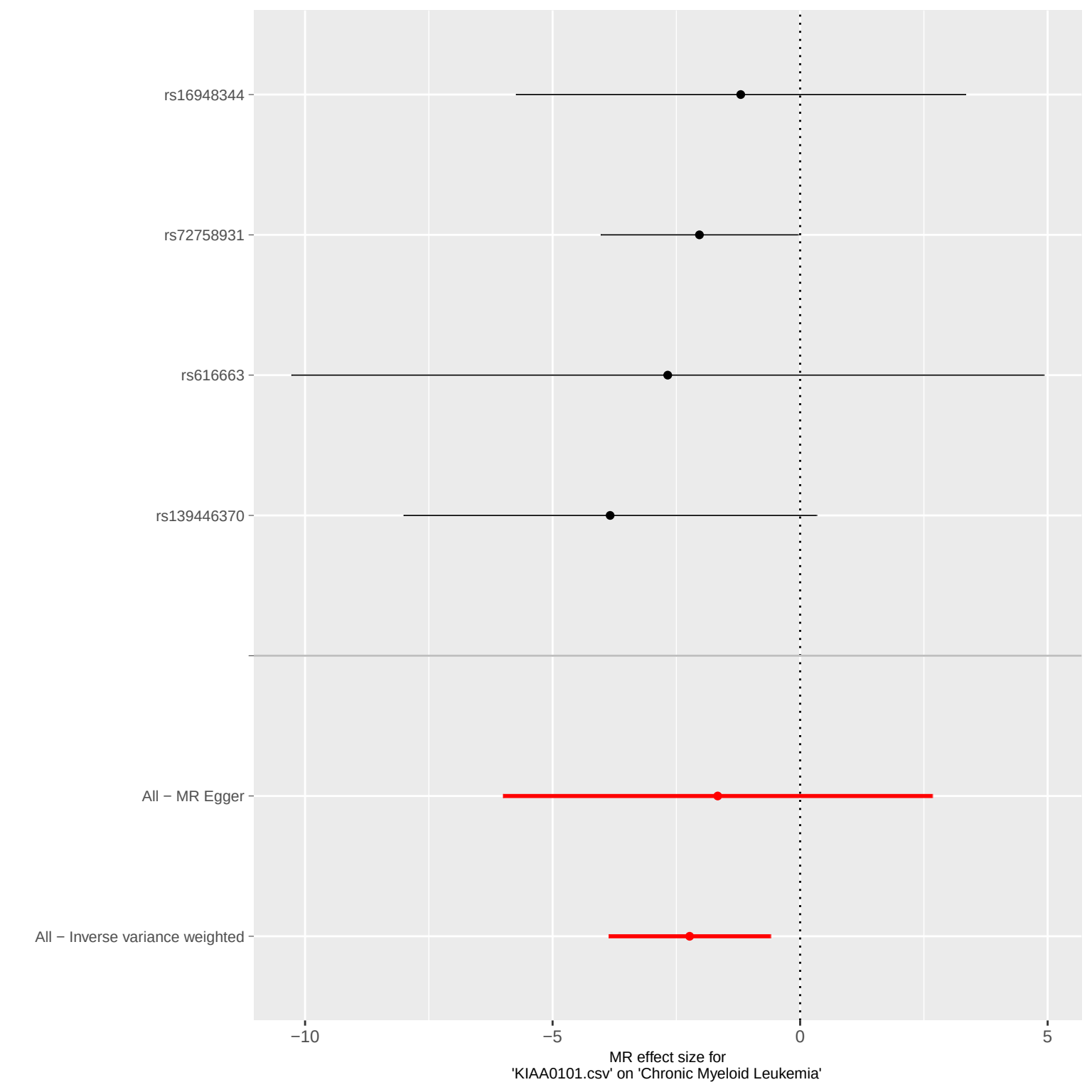
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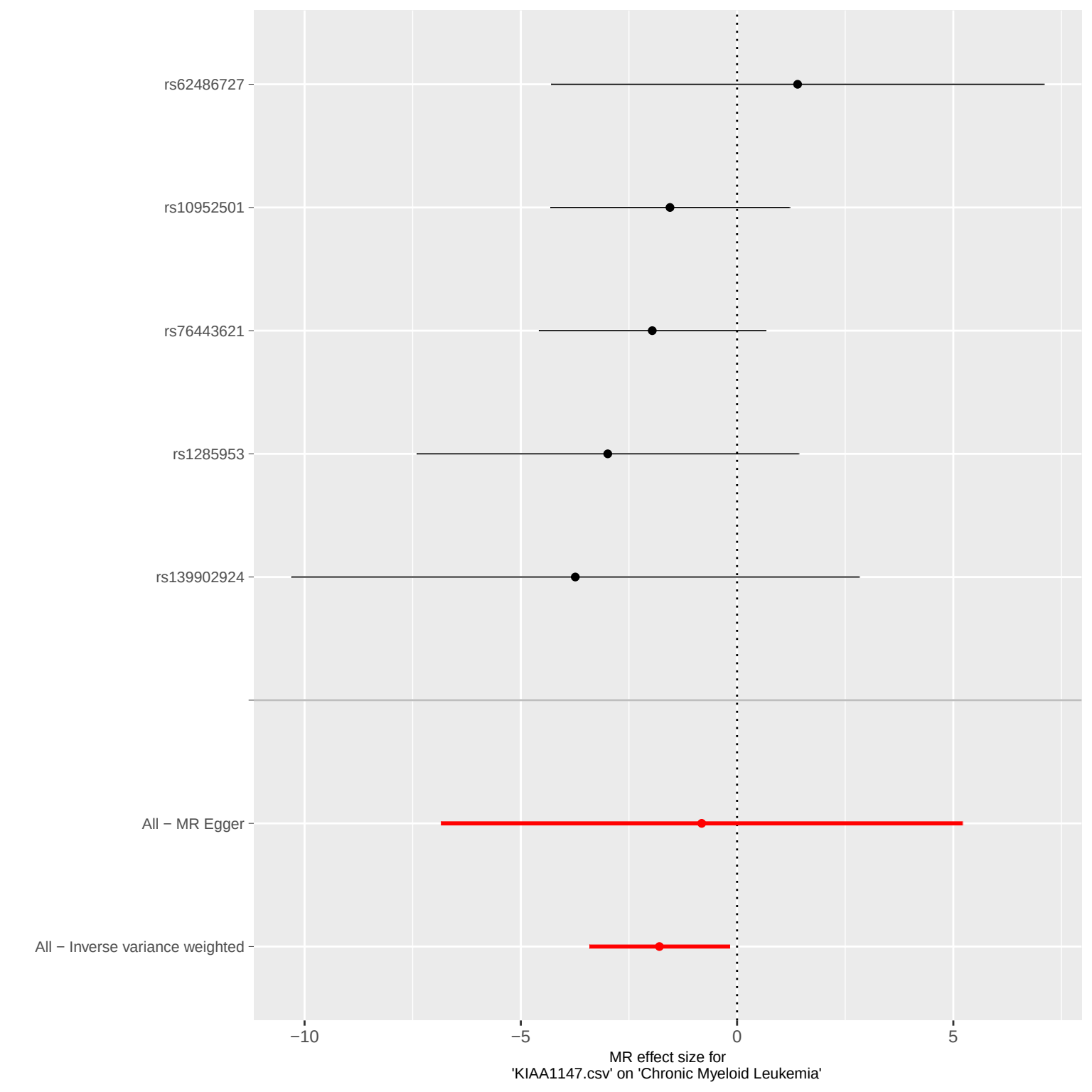
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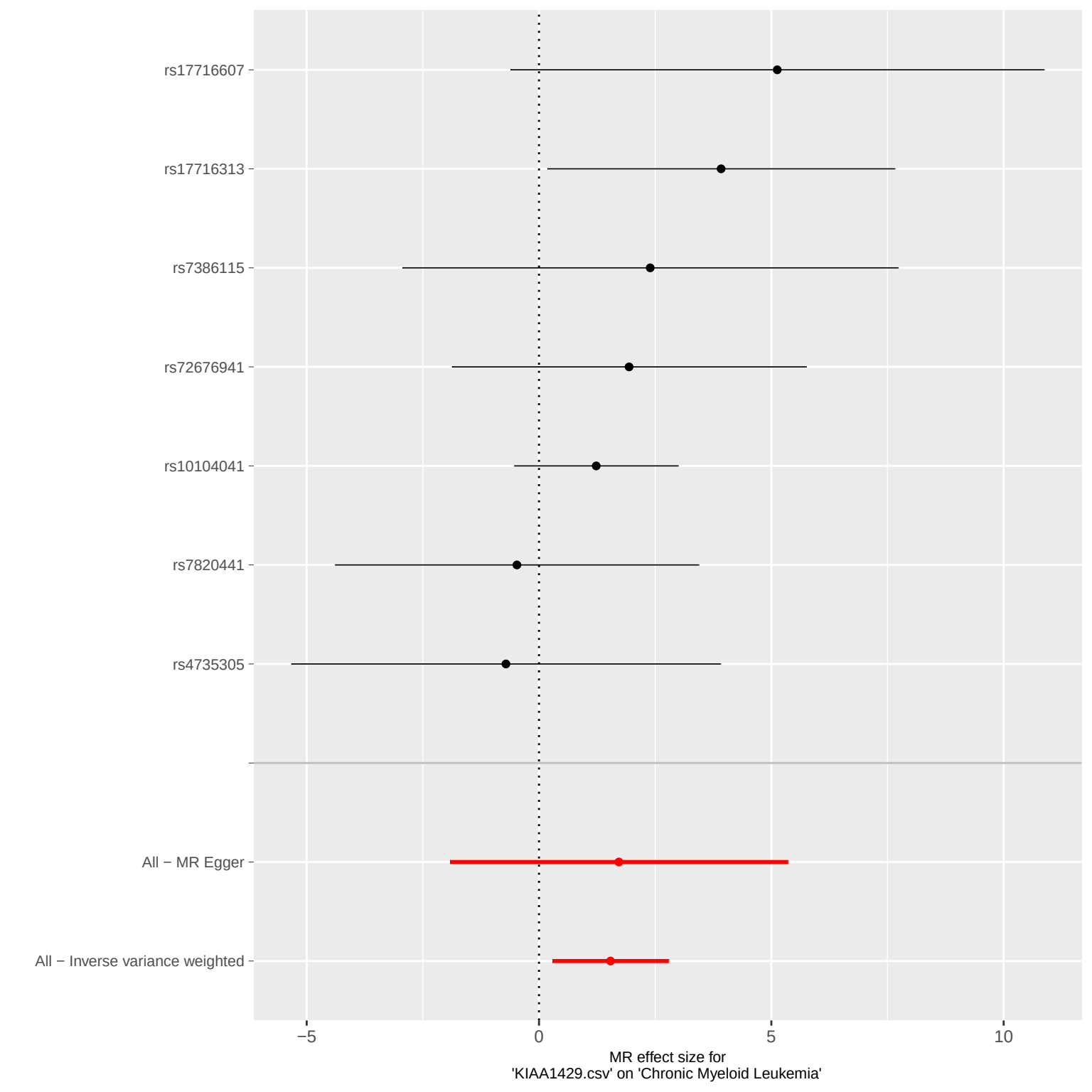
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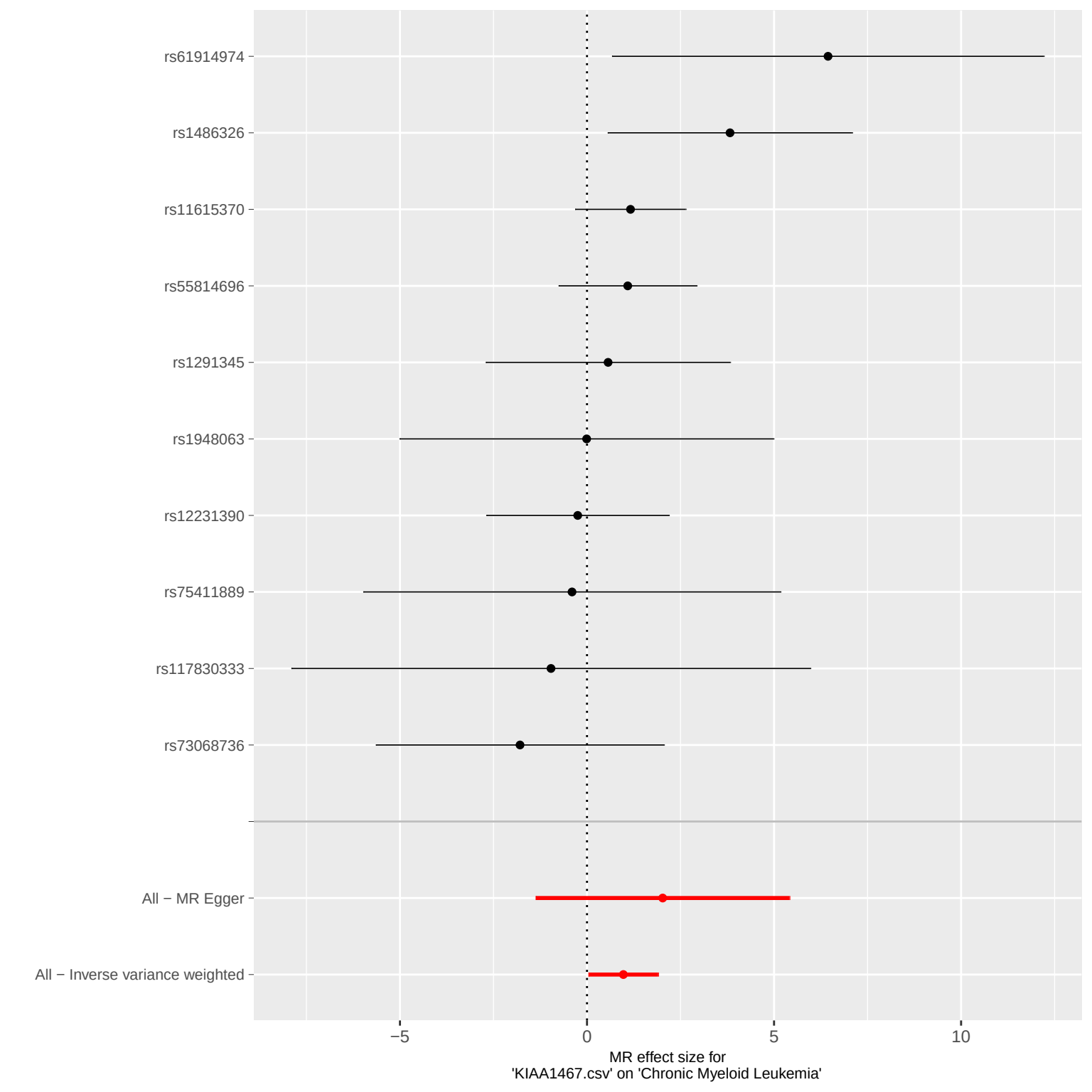
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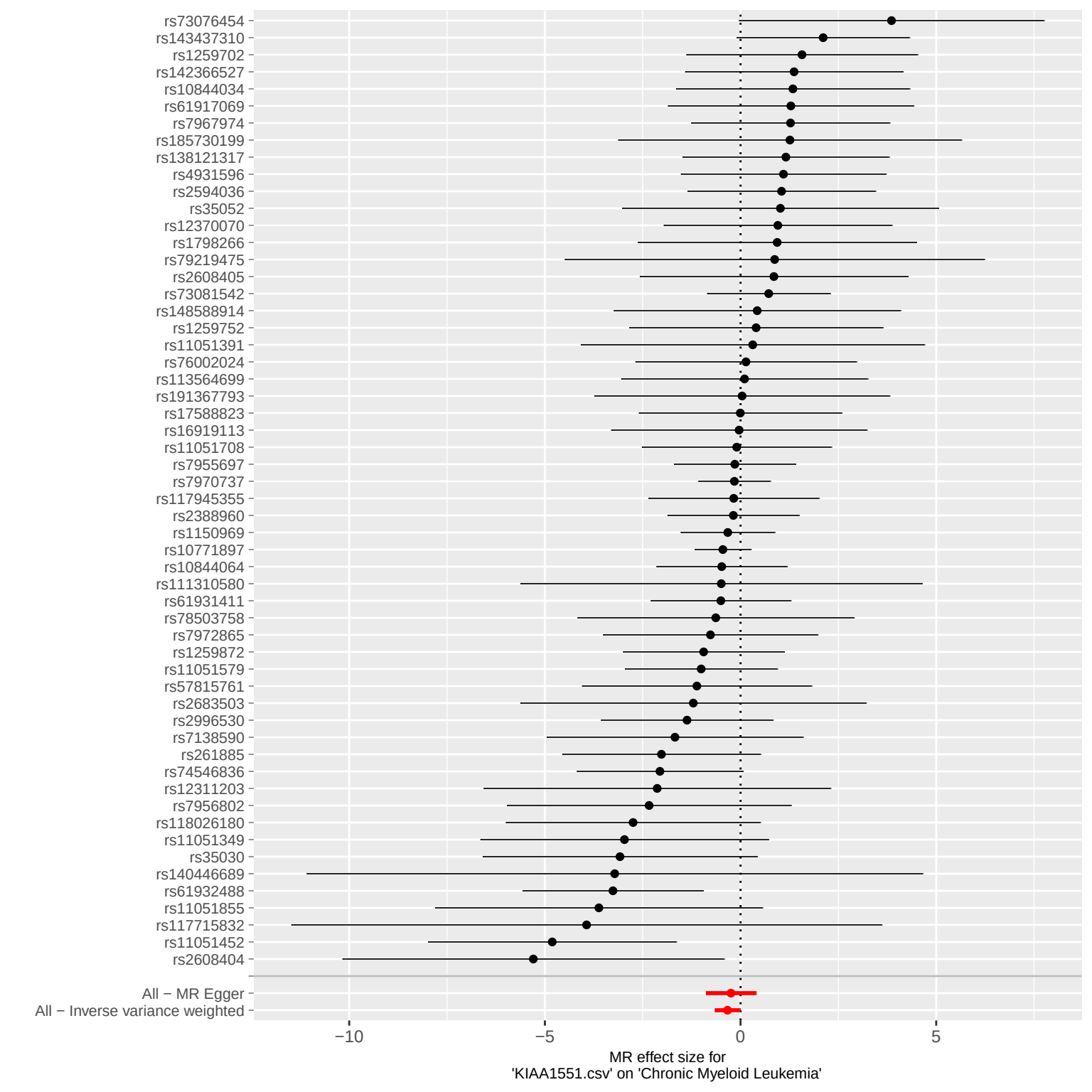
MR effect size for
'KIAA1467.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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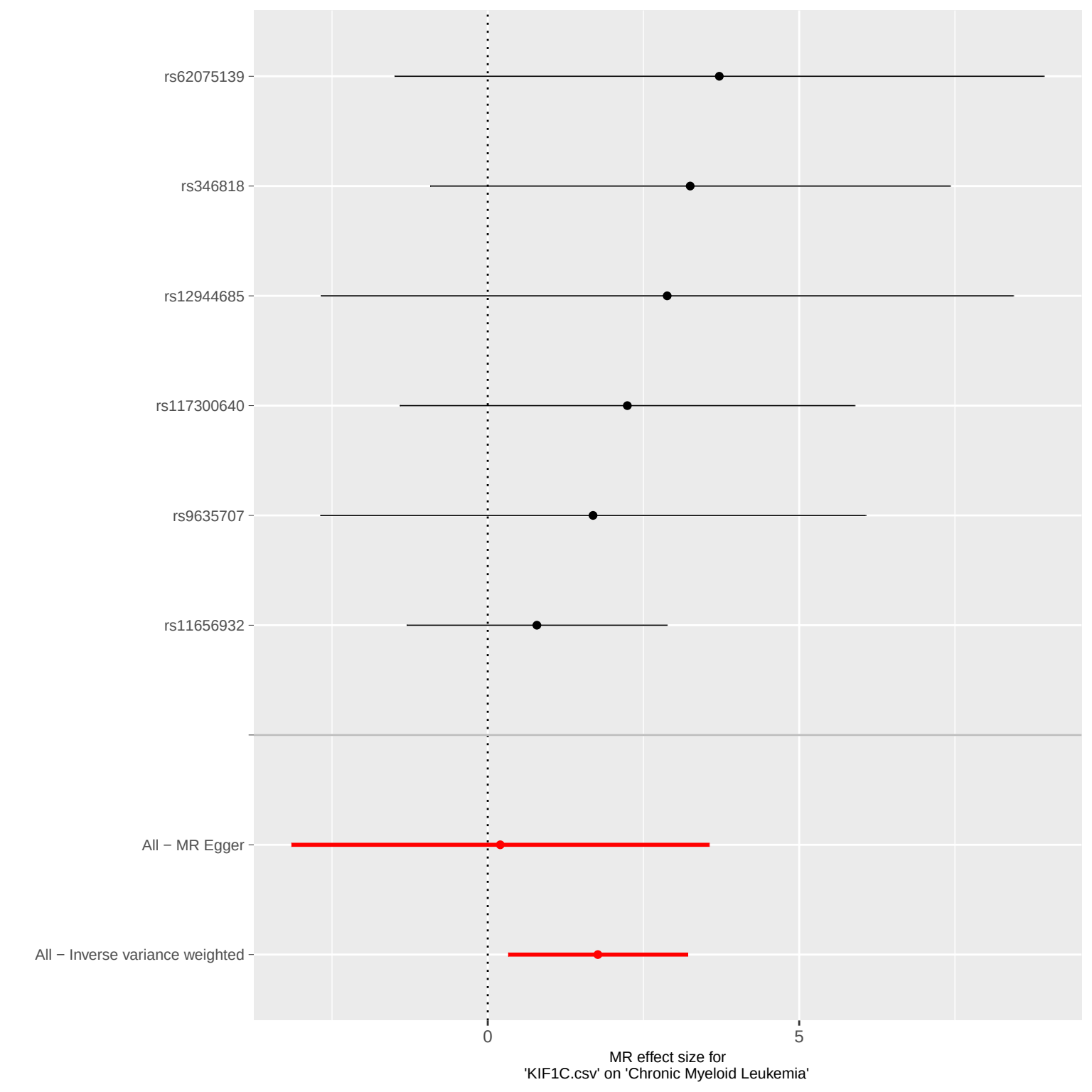
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All − Inverse variance weighted
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MR effect size for
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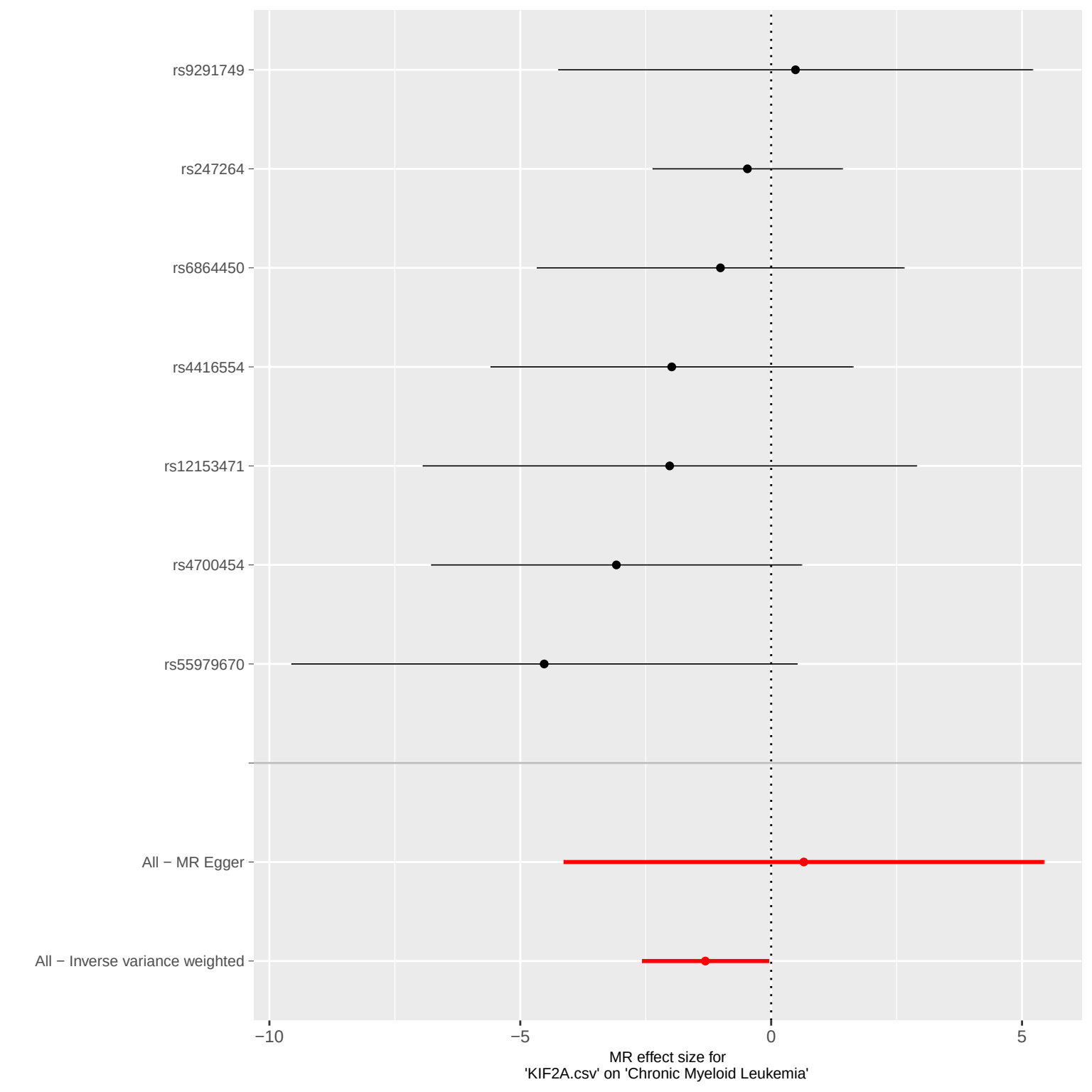
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All − MR Egger
All − Inverse variance weighted
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−5
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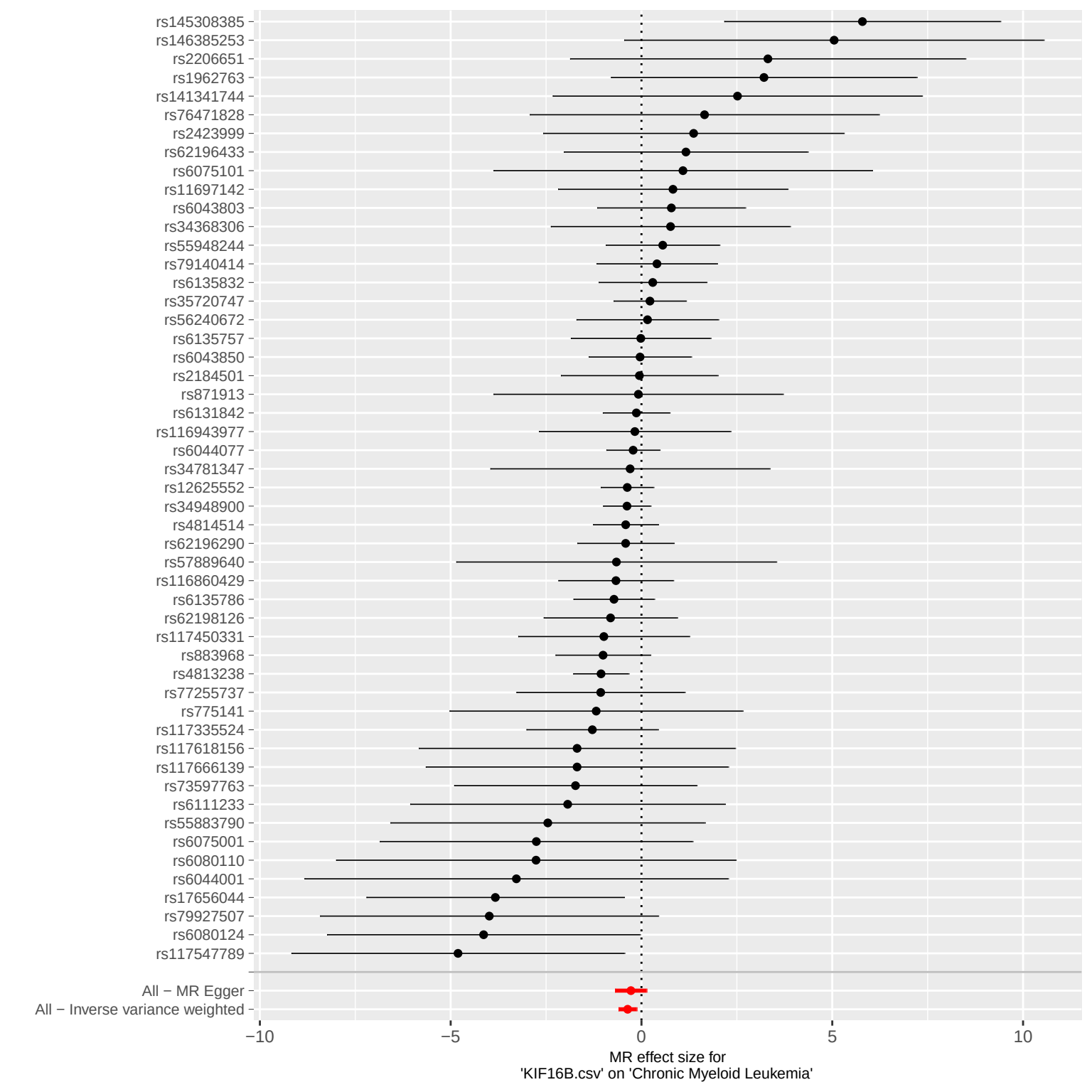
MR effect size for
'KIF2A.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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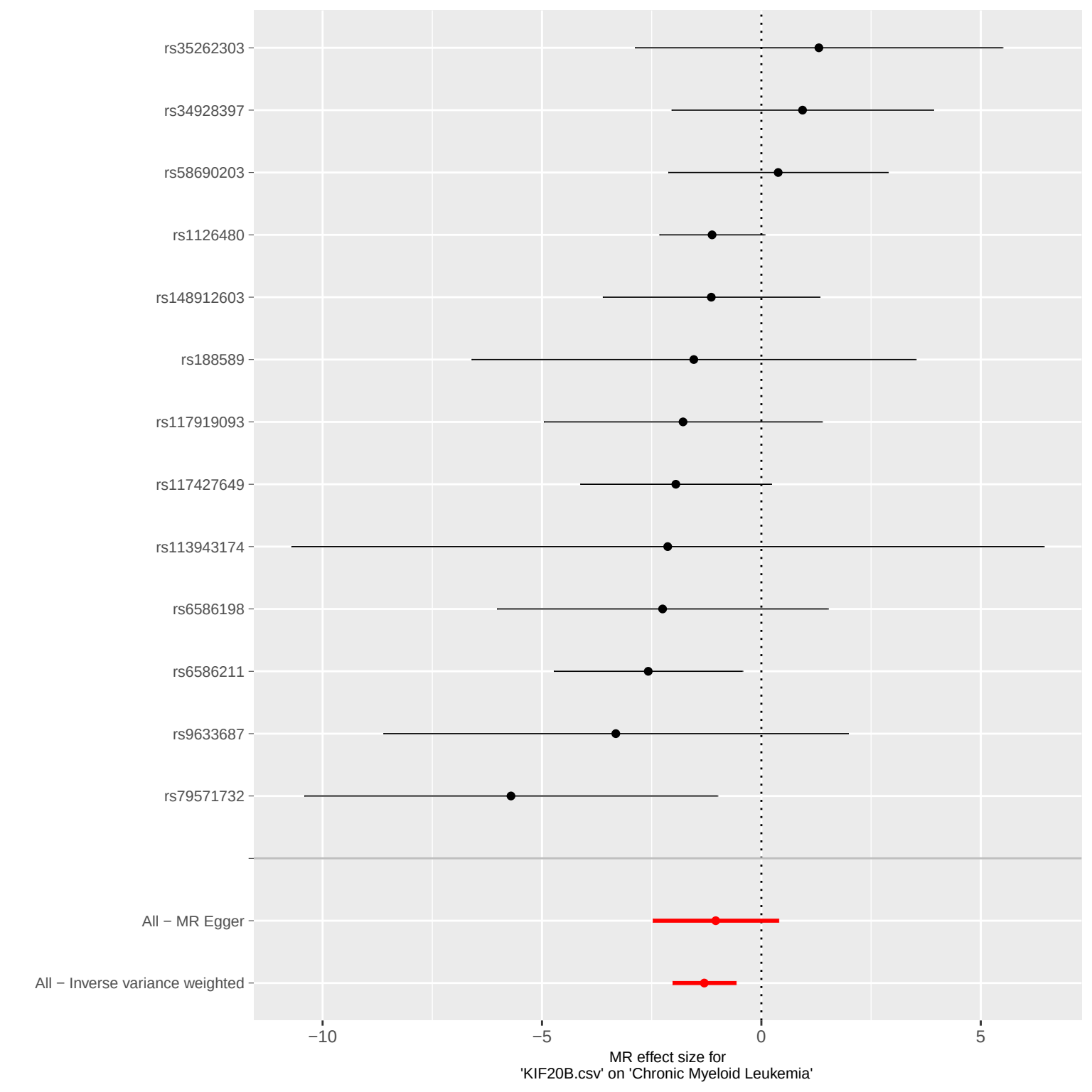
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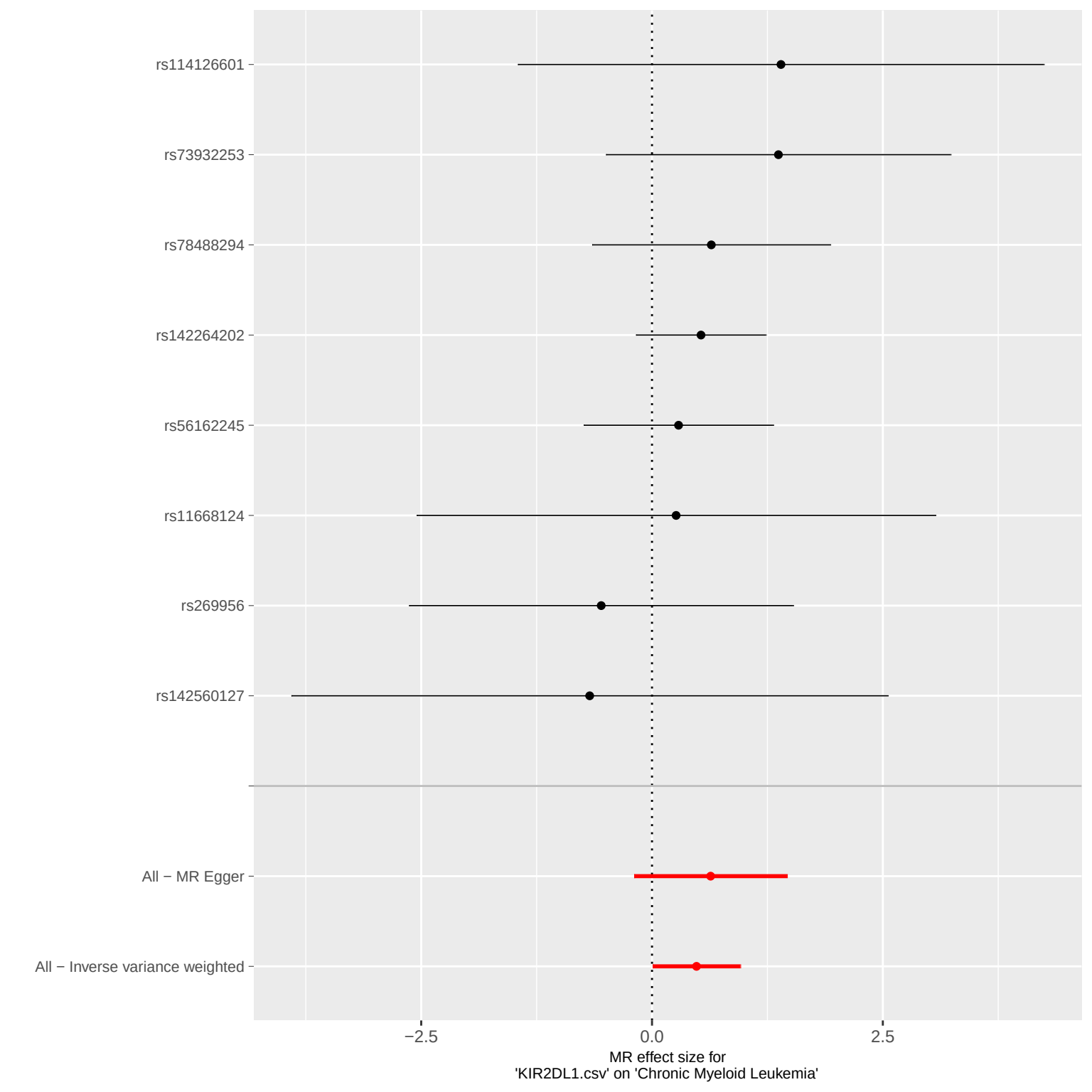
MR effect size for
'KIF20B.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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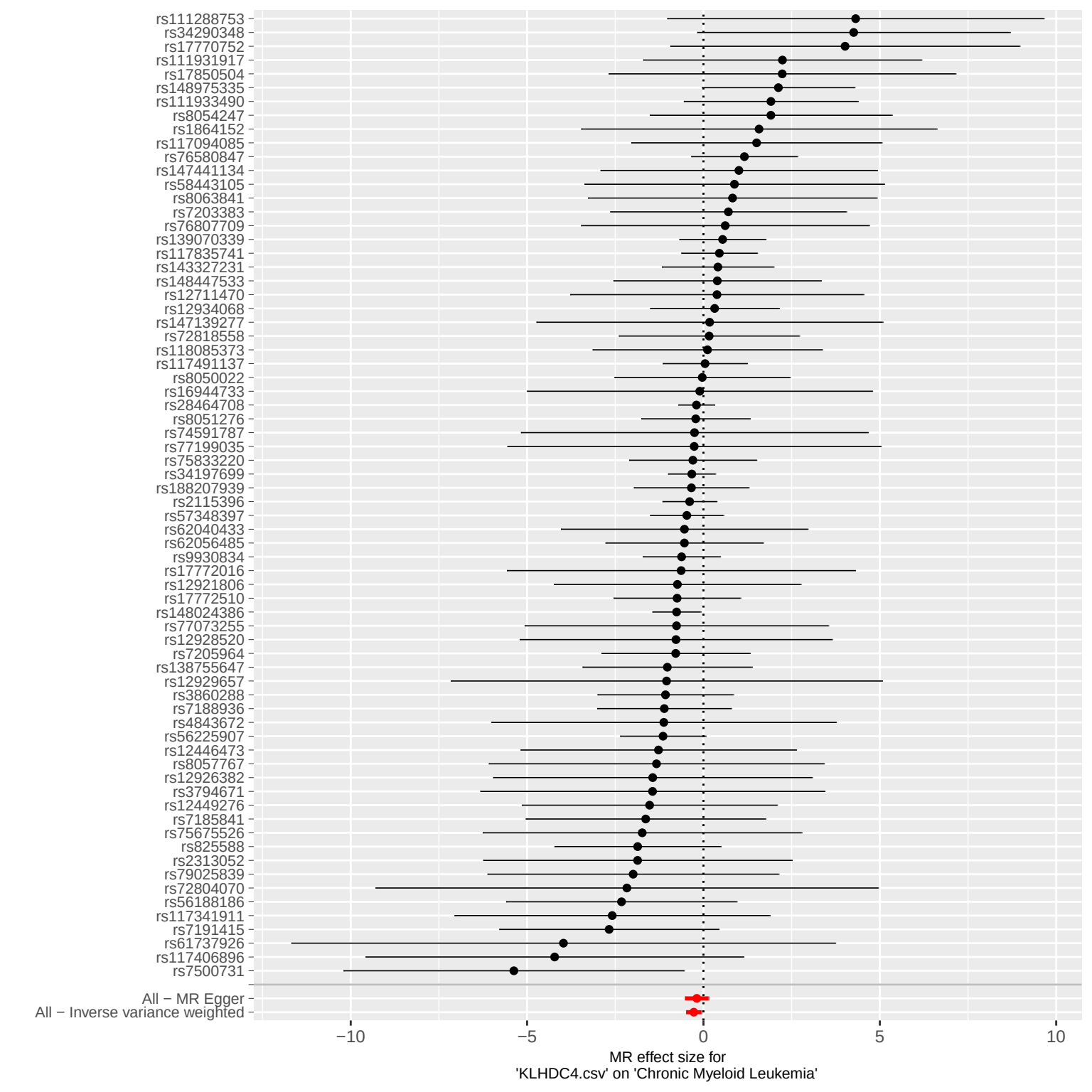
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All − MR Egger
All − Inverse variance weighted
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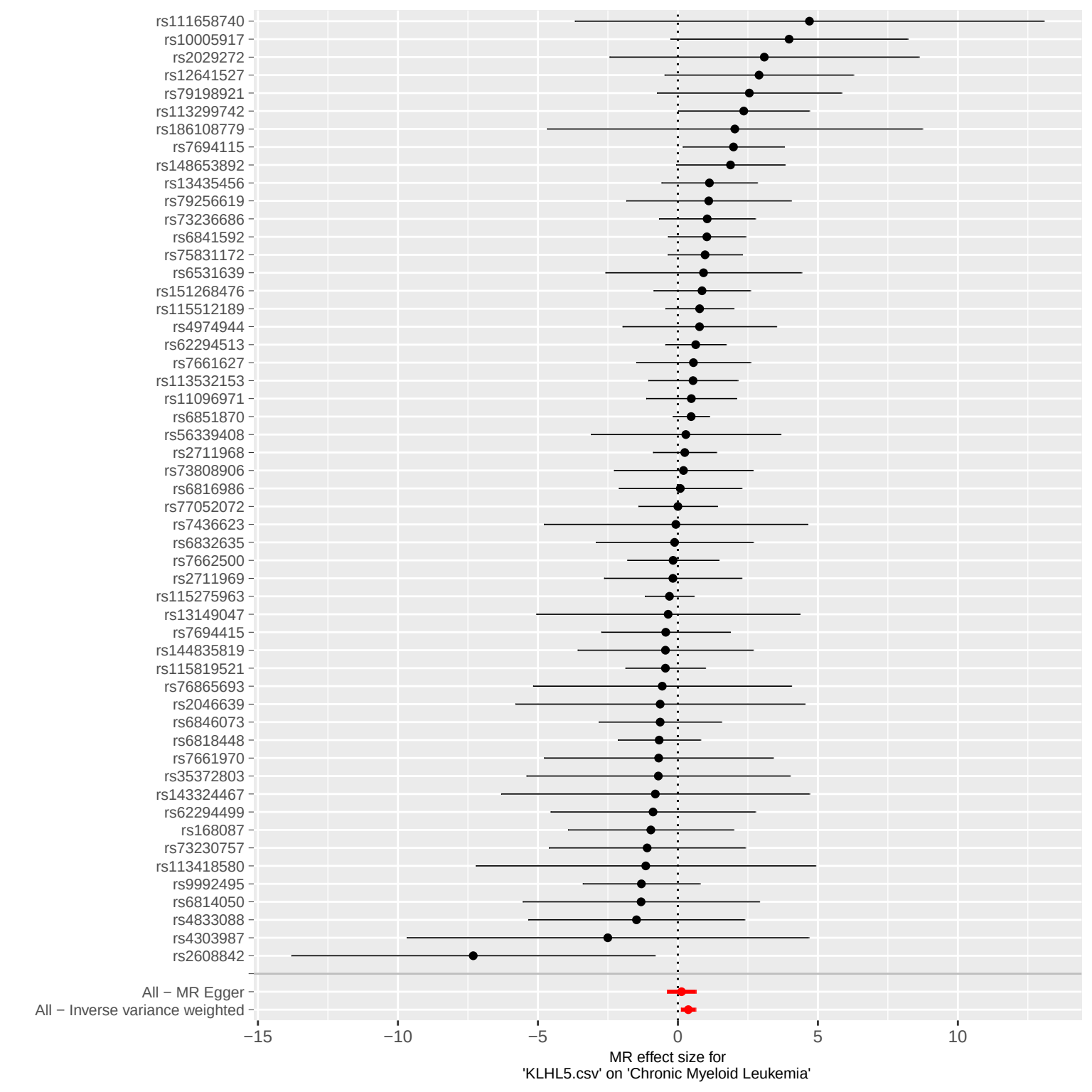
MR effect size for
'KLHDC4.csv' on 'Chronic Myeloid Leukemia'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rs4303987
rs2608842
All − MR Egger
All − Inverse variance weighted
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−10
−5
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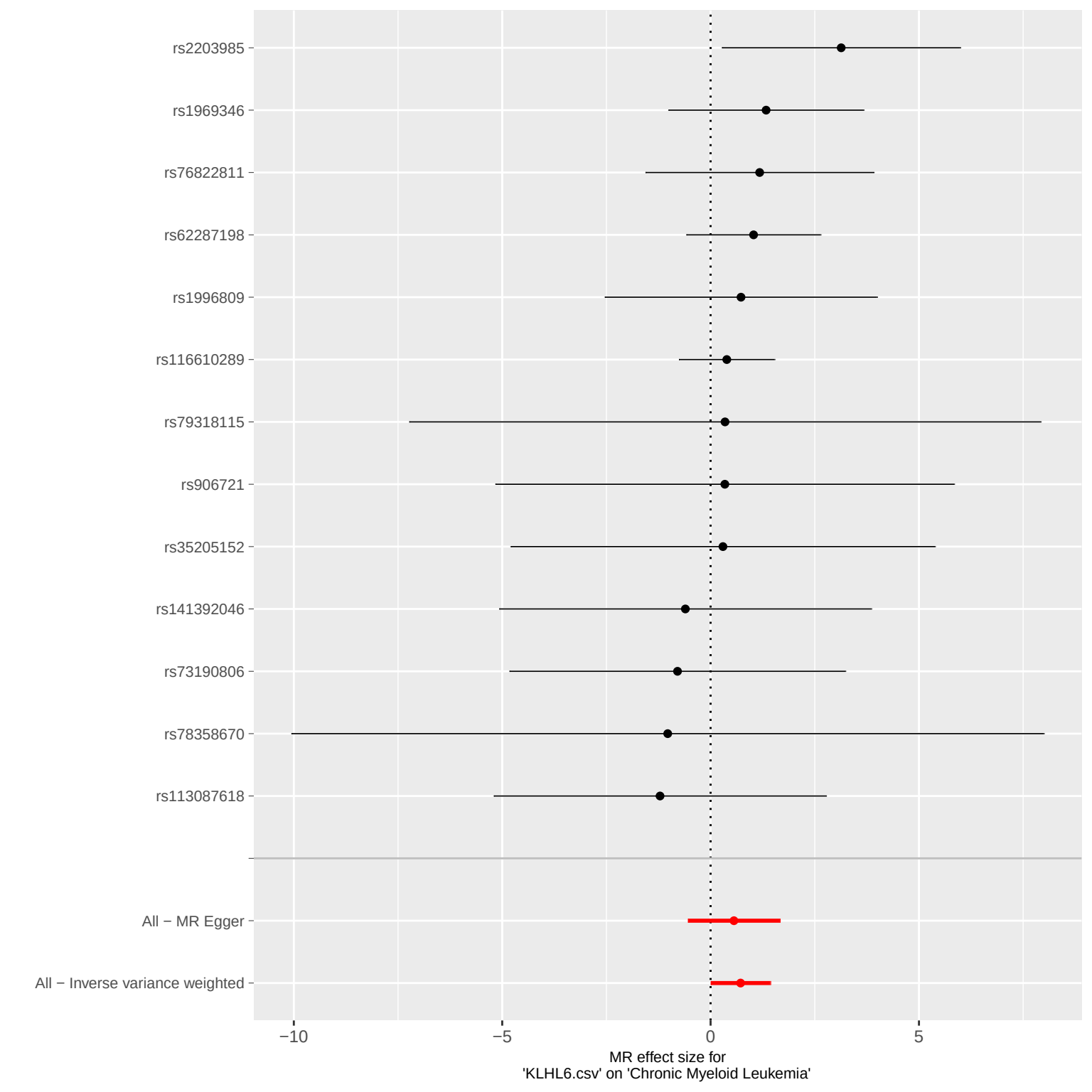
MR effect size for
'KLHL5.csv' on 'Chronic Myeloid Leukemia'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rs73190806
rs78358670
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All − MR Egger
All − Inverse variance weighted
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−5
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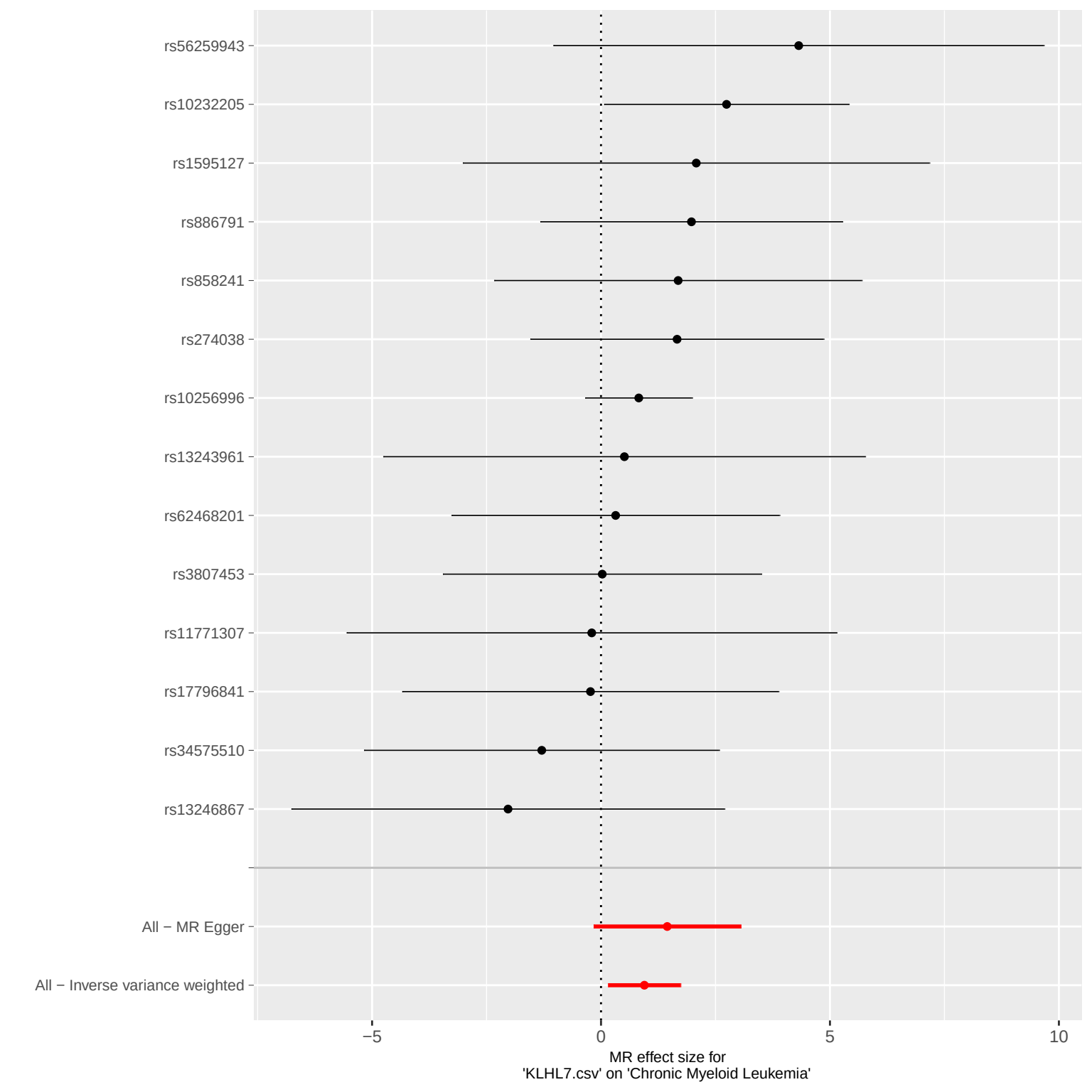
MR effect size for
'KLHL6.csv' on 'Chronic Myeloid Leukemia'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rs11771307
rs17796841
rs34575510
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All − Inverse variance weighted
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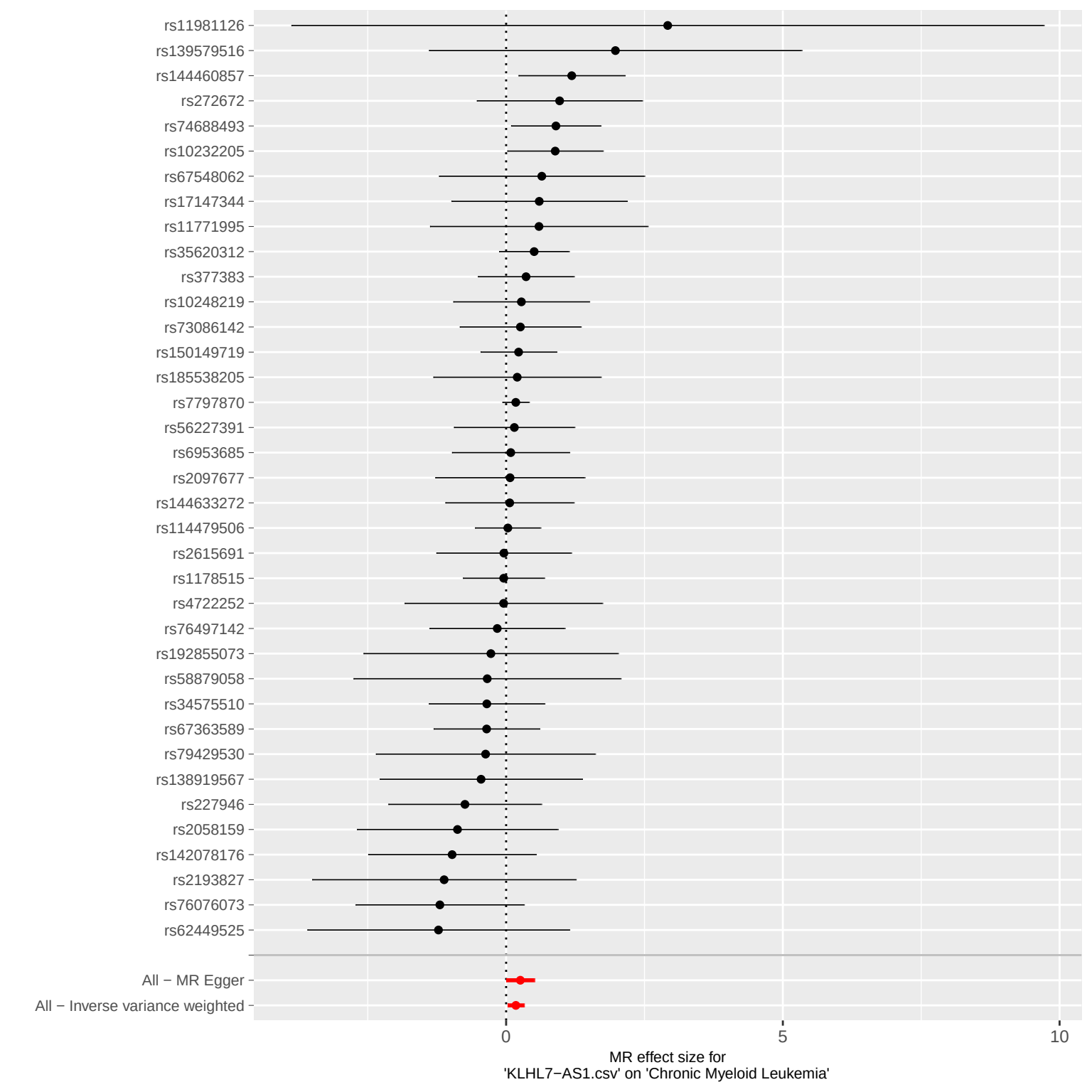
MR effect size for
'KLHL7.csv' on 'Chronic Myeloid Leukemia'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rs227946
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rs2193827
rs76076073
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All − MR Egger
All − Inverse variance weighted
0
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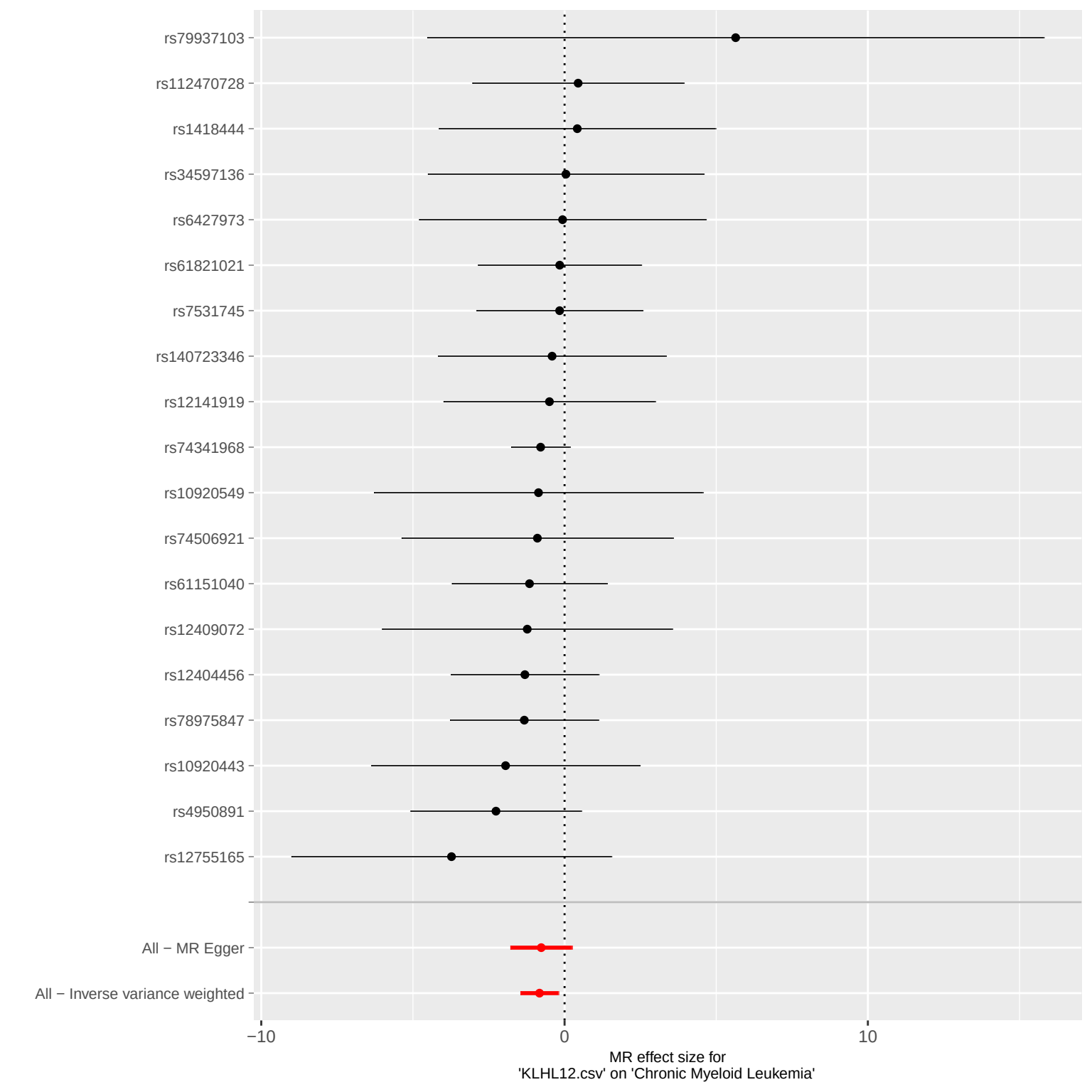
MR effect size for
'KLHL7−AS1.csv' on 'Chronic Myeloid Leukemia'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rs12409072
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rs10920443
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All − MR Egger
All − Inverse variance weighted
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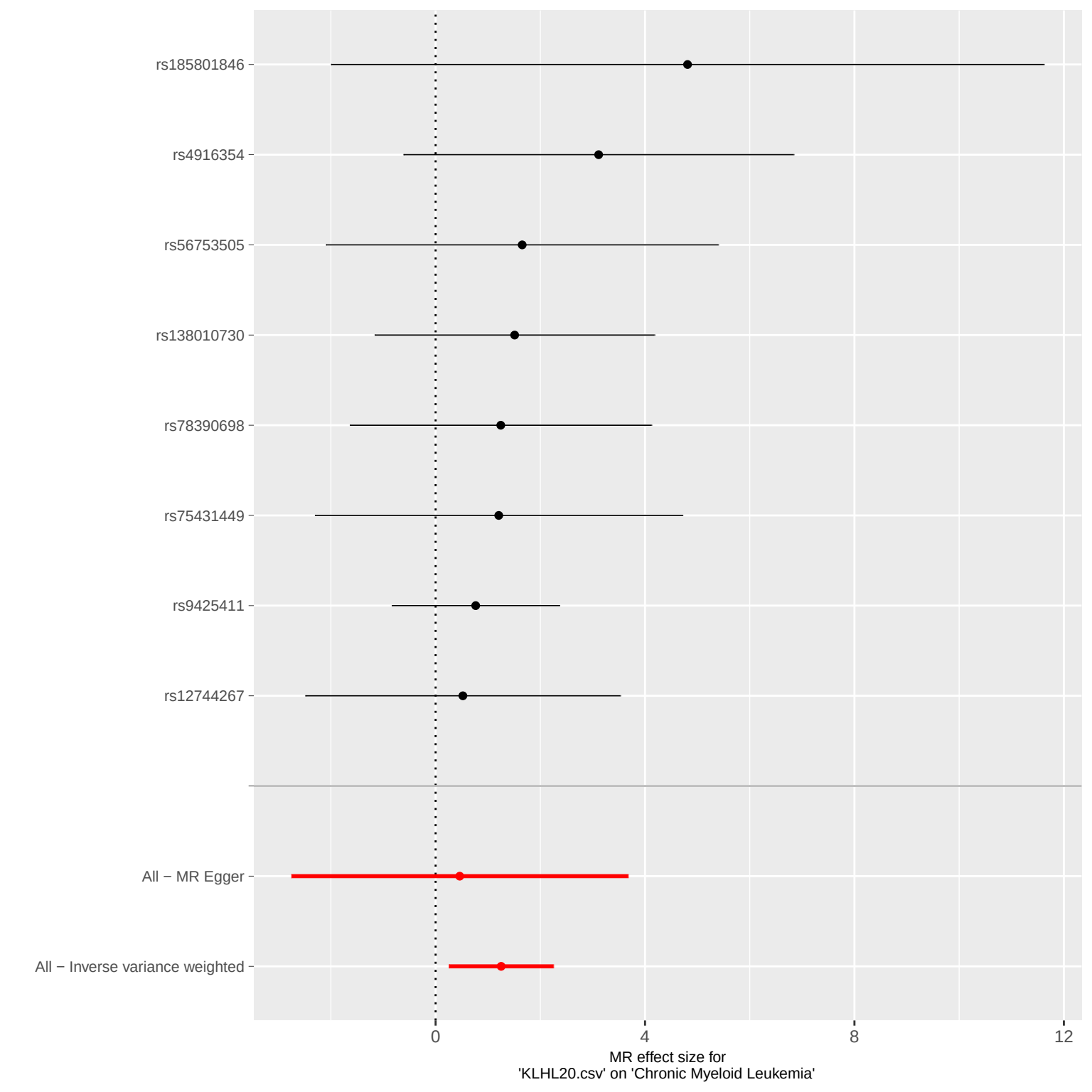
MR effect size for
'KLHL12.csv' on 'Chronic Myeloid Leukemia'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rs9425411
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All − Inverse variance weighted
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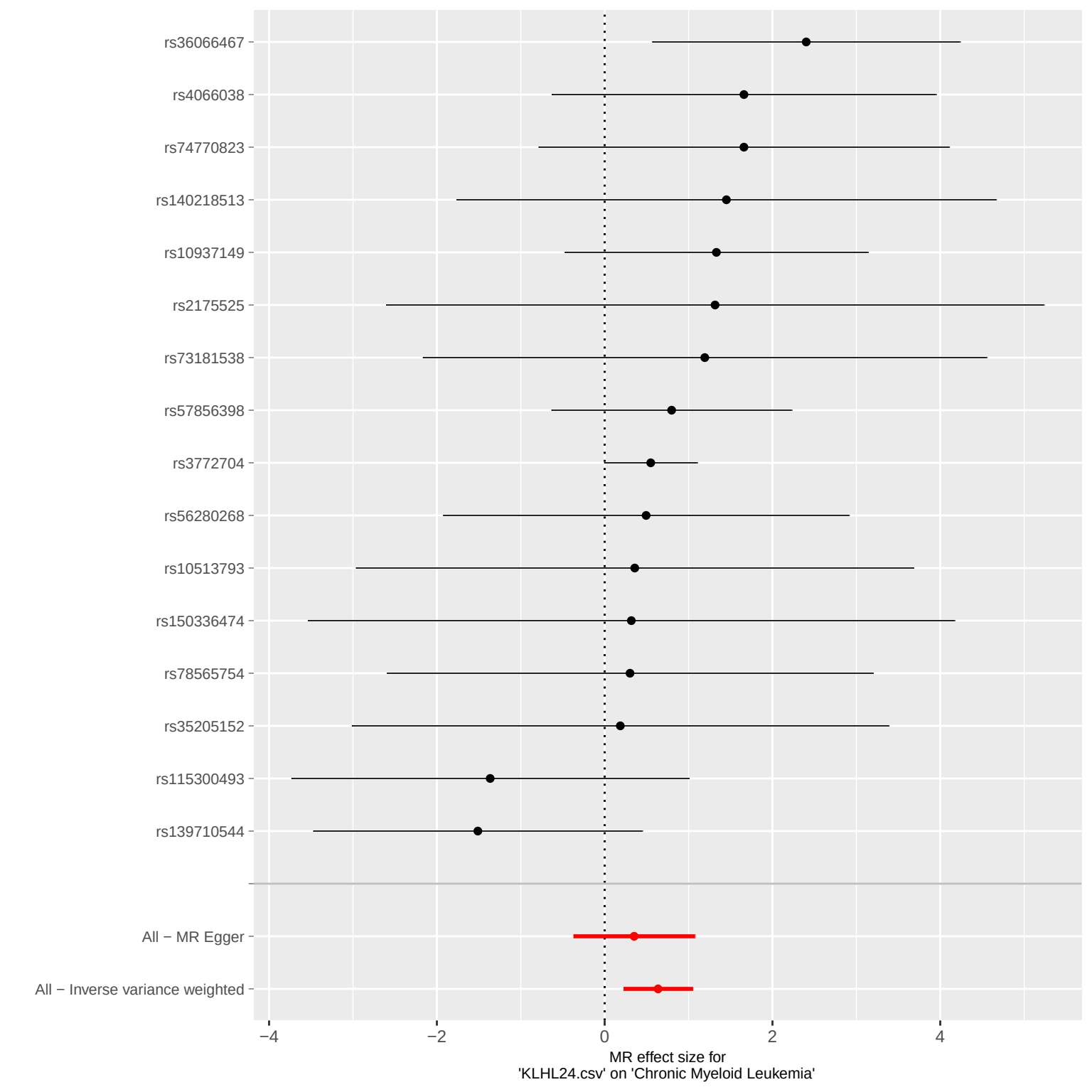
12
MR effect size for
'KLHL20.csv' on 'Chronic Myeloid Leukemia'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rs10513793
rs150336474
rs78565754
rs35205152
rs115300493
rs139710544
All − MR Egger
All − Inverse variance weighted
−4
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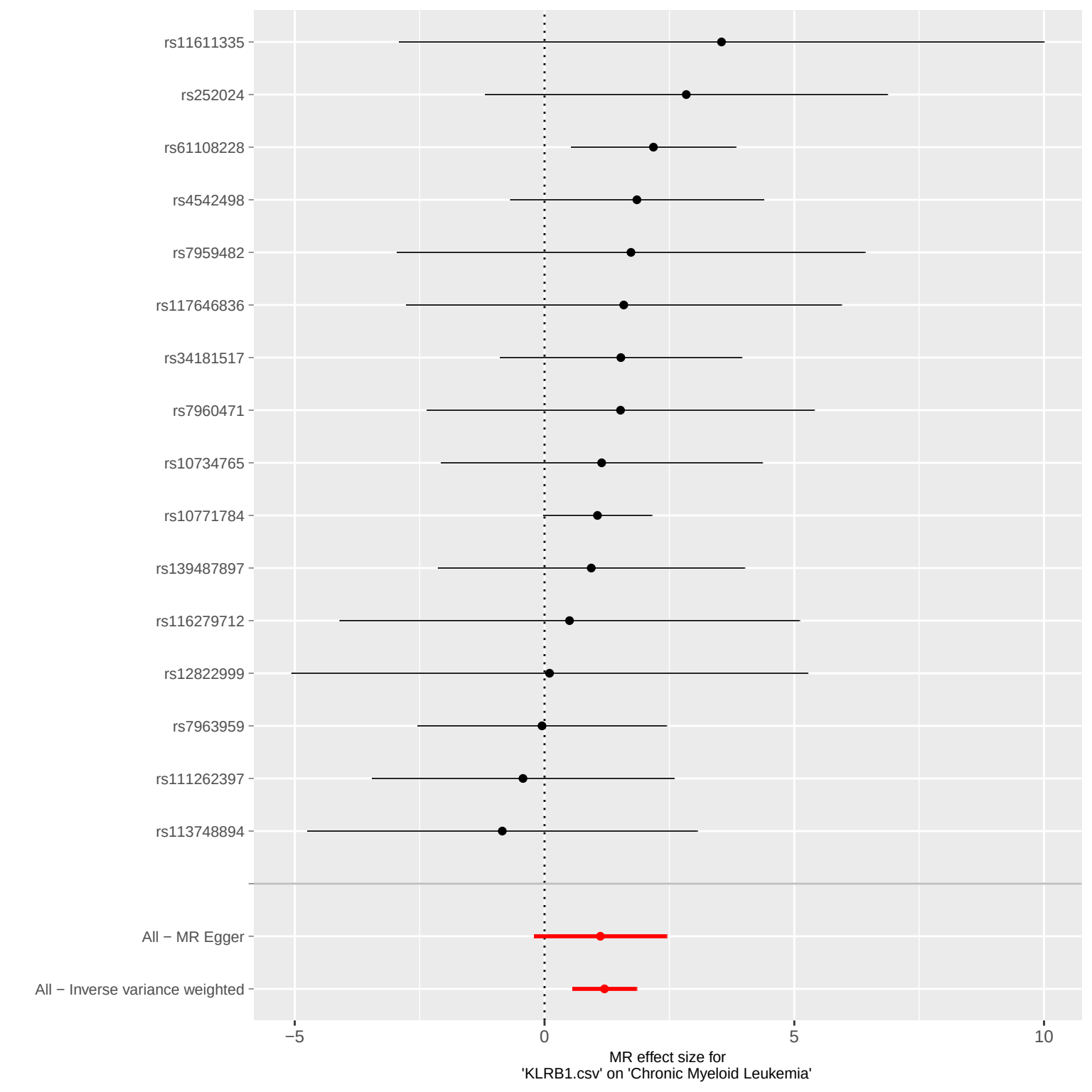
2
4
MR effect size for
'KLHL24.csv' on 'Chronic Myeloid Leukemia'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rs139487897
rs116279712
rs12822999
rs7963959
rs111262397
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All − MR Egger
All − Inverse variance weighted
−5
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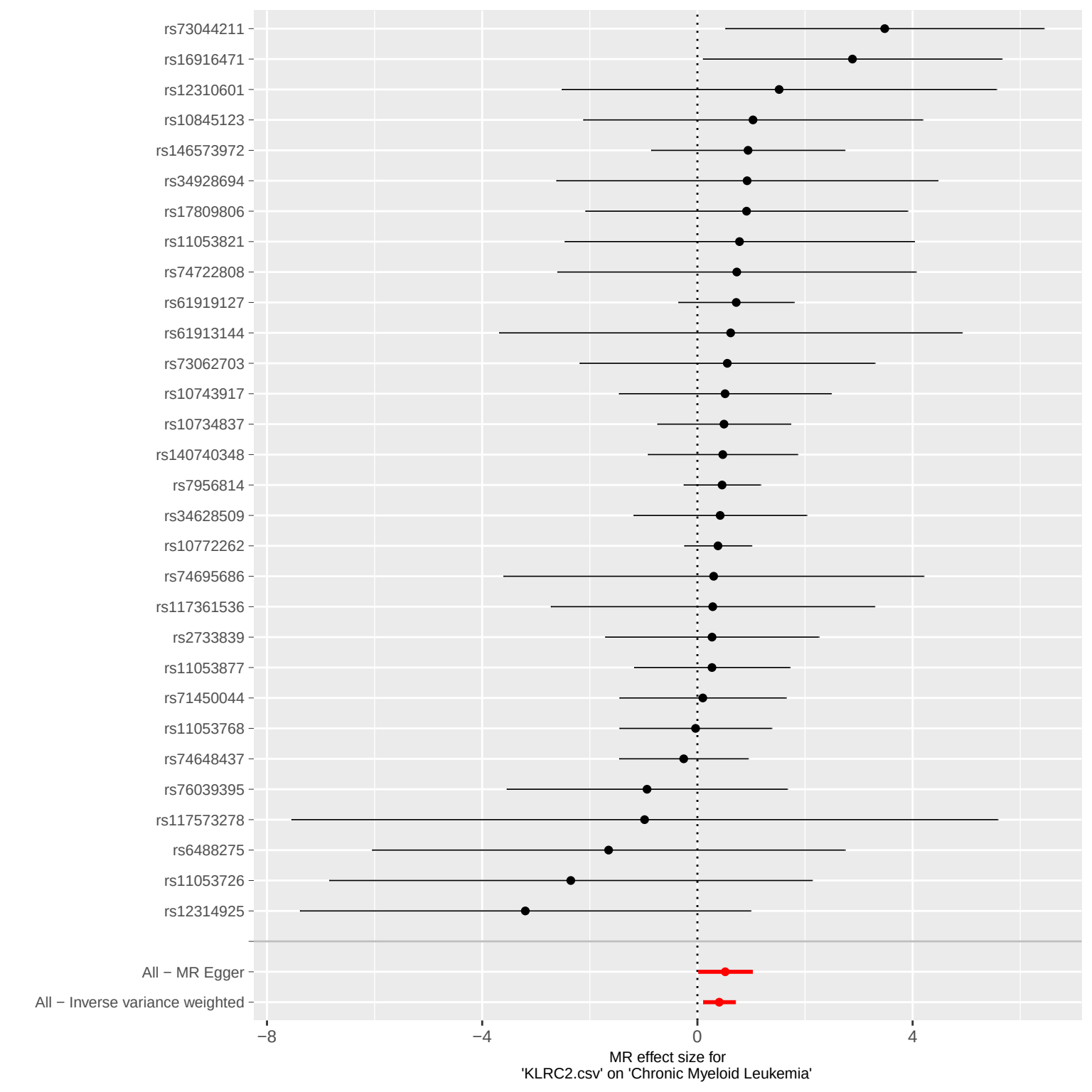
10
MR effect size for
'KLRB1.csv' on 'Chronic Myeloid Leukemia'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rs2733839
rs11053877
rs71450044
rs11053768
rs74648437
rs76039395
rs117573278
rs6488275
rs11053726
rs12314925
All − MR Egger
All − Inverse variance weighted
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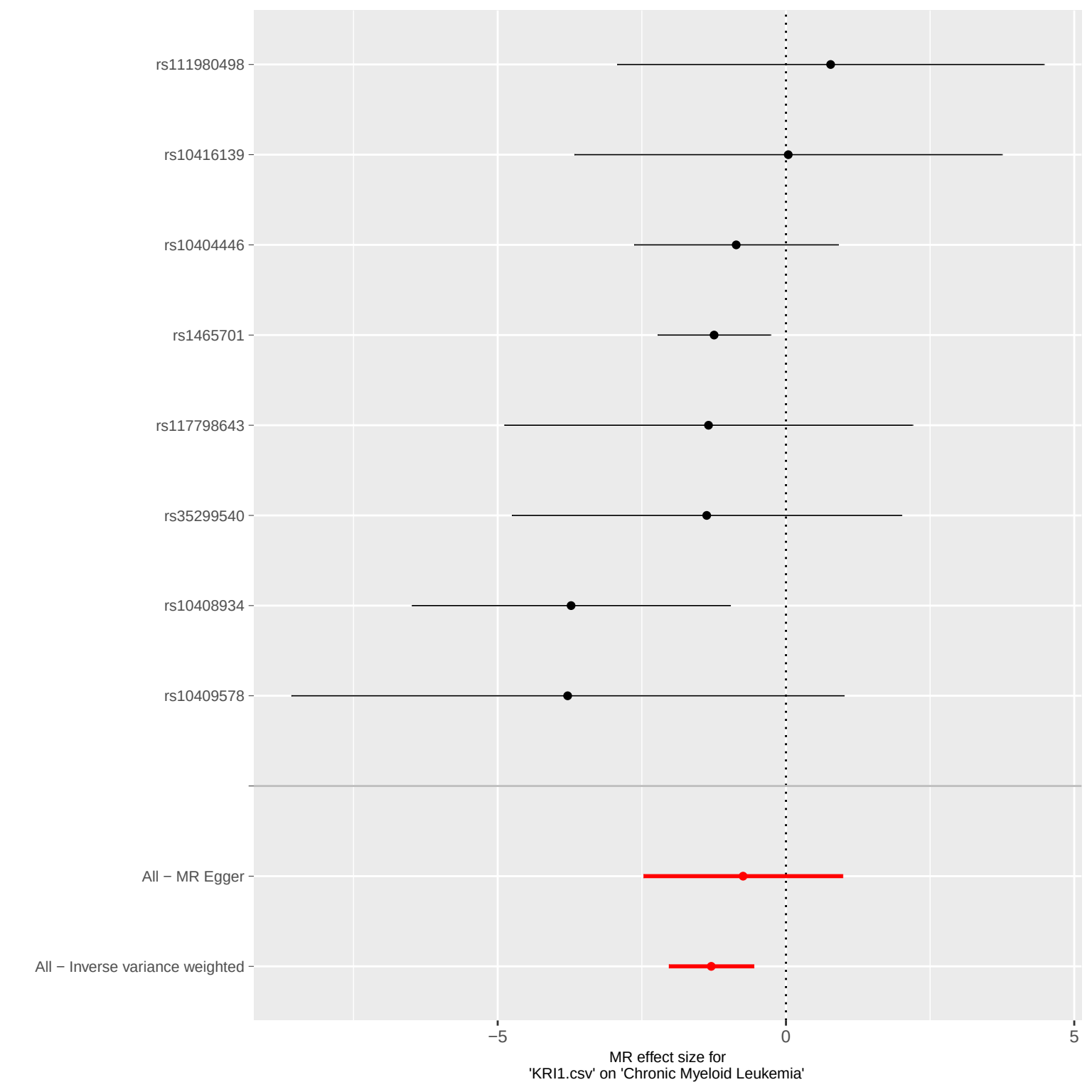
−4
0
4
MR effect size for
'KLRC2.csv' on 'Chronic Myeloid Leukemia'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rs117798643
rs35299540
rs10408934
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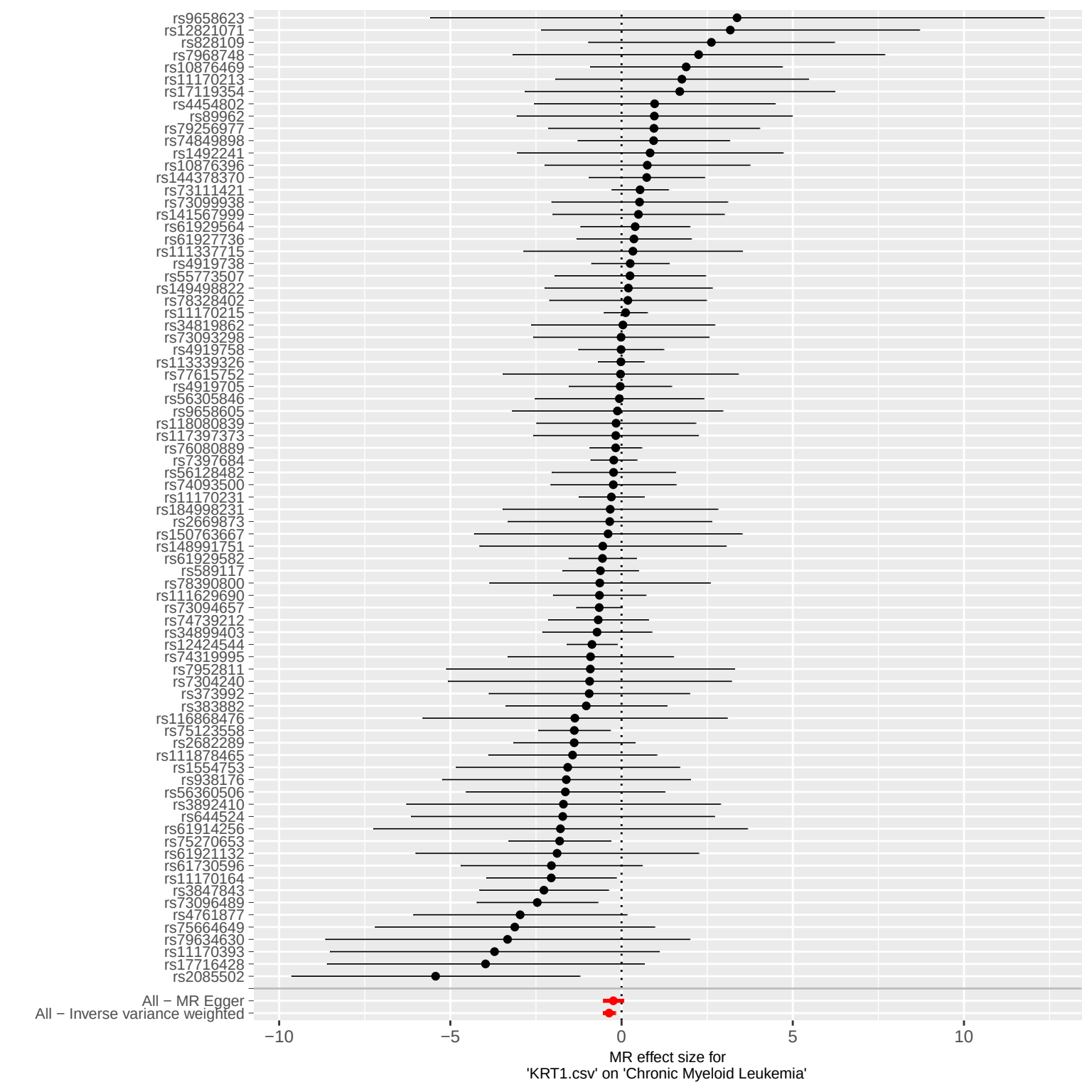
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'KRI1.csv' on 'Chronic Myeloid Leukemia'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rs2085502
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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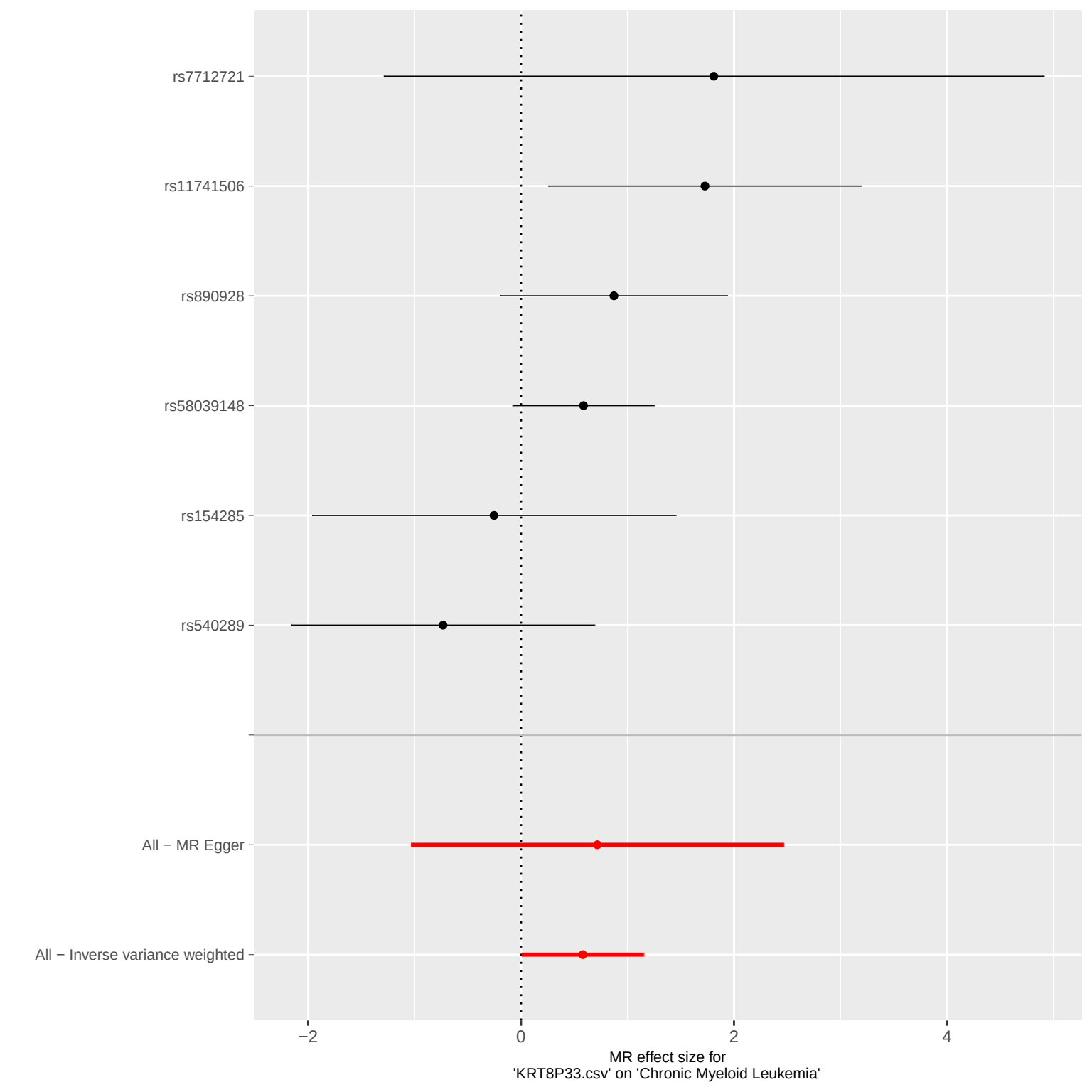
10
MR effect size for
'KRT1.csv' on 'Chronic Myeloid Leukemia'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rs11741506
rs890928
rs58039148
rs154285
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All − MR Egger
All − Inverse variance weighted
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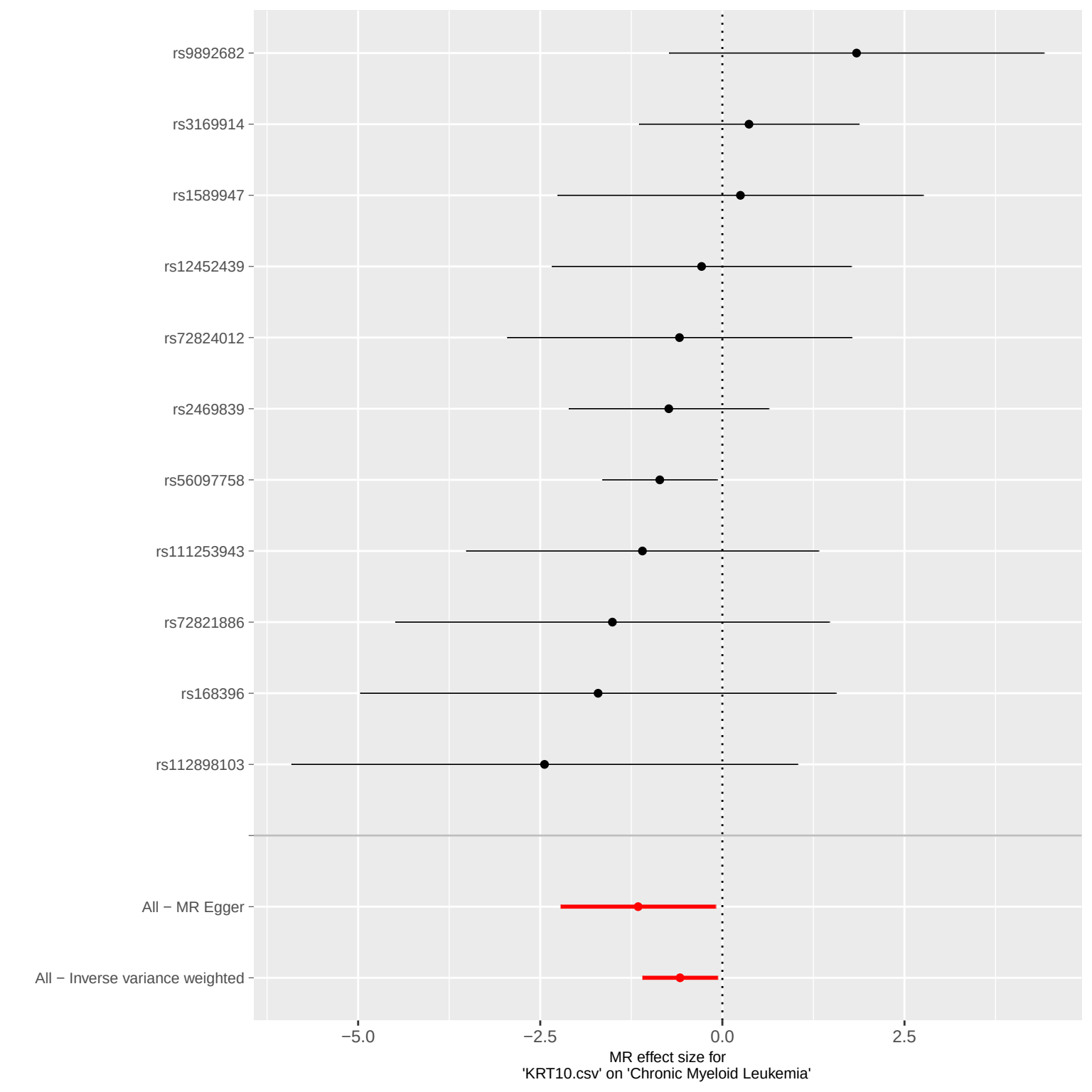
0
2
4
MR effect size for
'KRT8P33.csv' on 'Chronic Myeloid Leukemia'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rs3169914
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rs12452439
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rs168396
rs112898103
All − MR Egger
All − Inverse variance weighted
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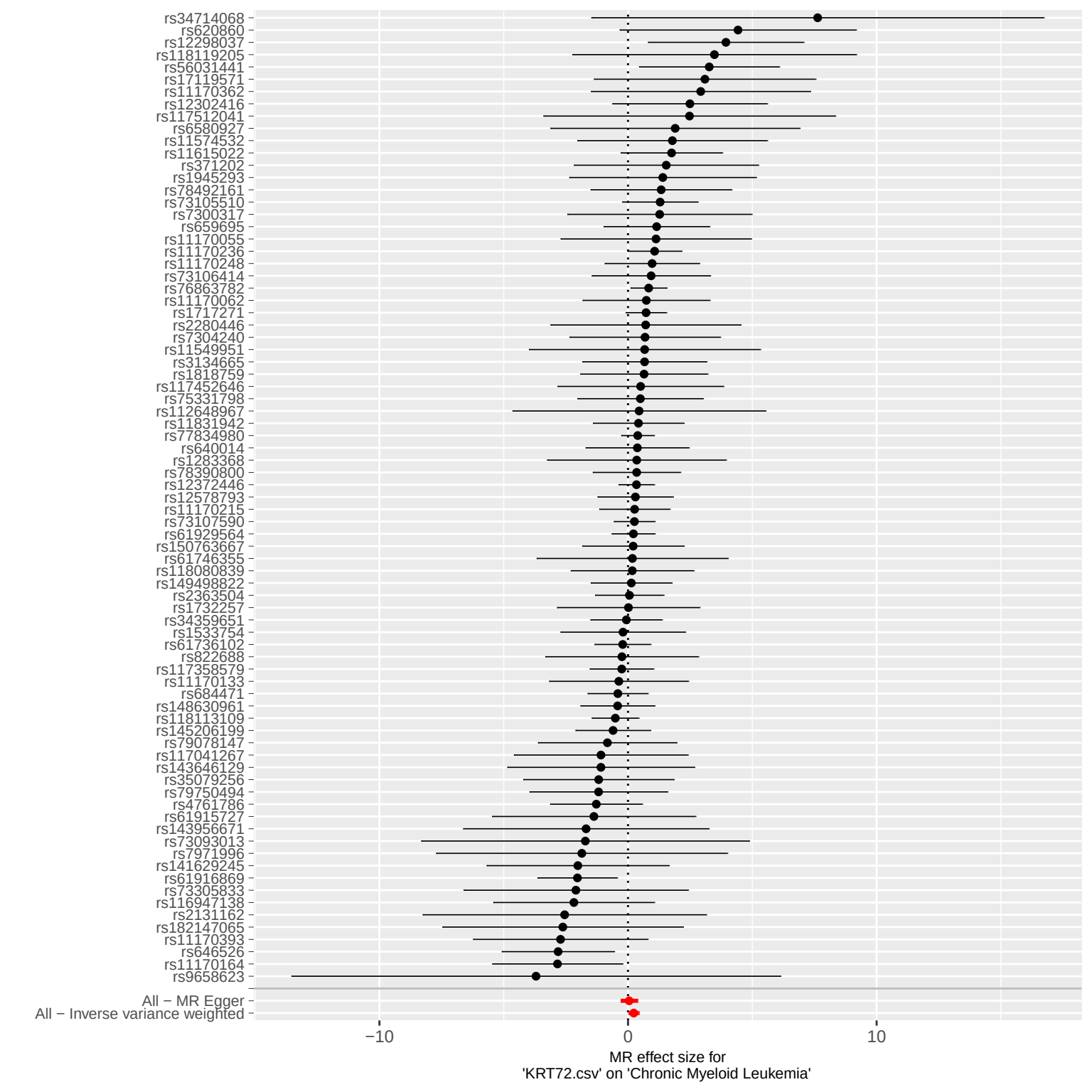
−2.5
0.0
2.5
MR effect size for
'KRT10.csv' on 'Chronic Myeloid Leukemia'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rs646526
rs11170164
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All − MR Egger
All − Inverse variance weighted
−10
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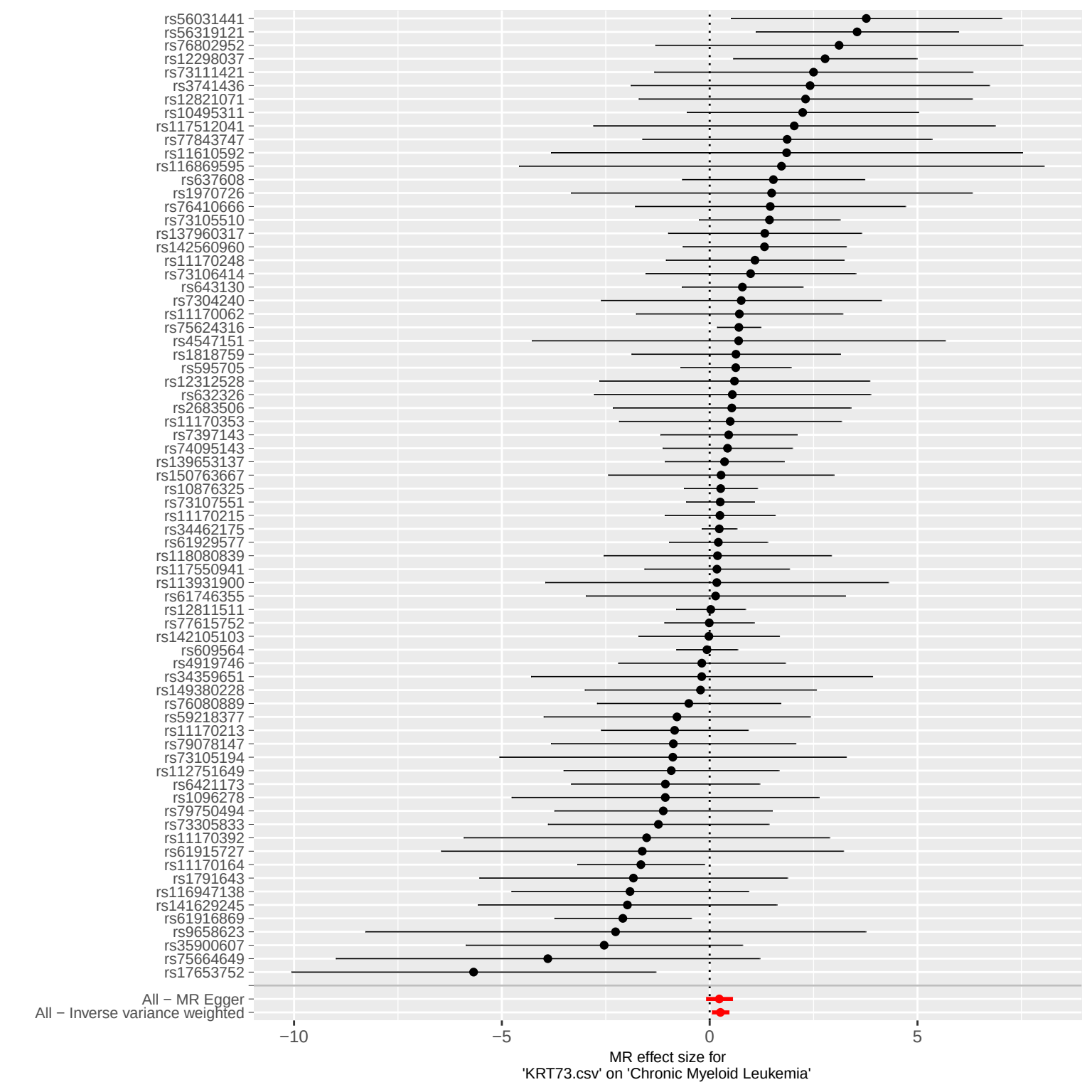
10
MR effect size for
'KRT72.csv' on 'Chronic Myeloid Leukemia'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rs637608
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rs142560960
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rs73106414
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rs61916869
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All − MR Egger
All − Inverse variance weighted
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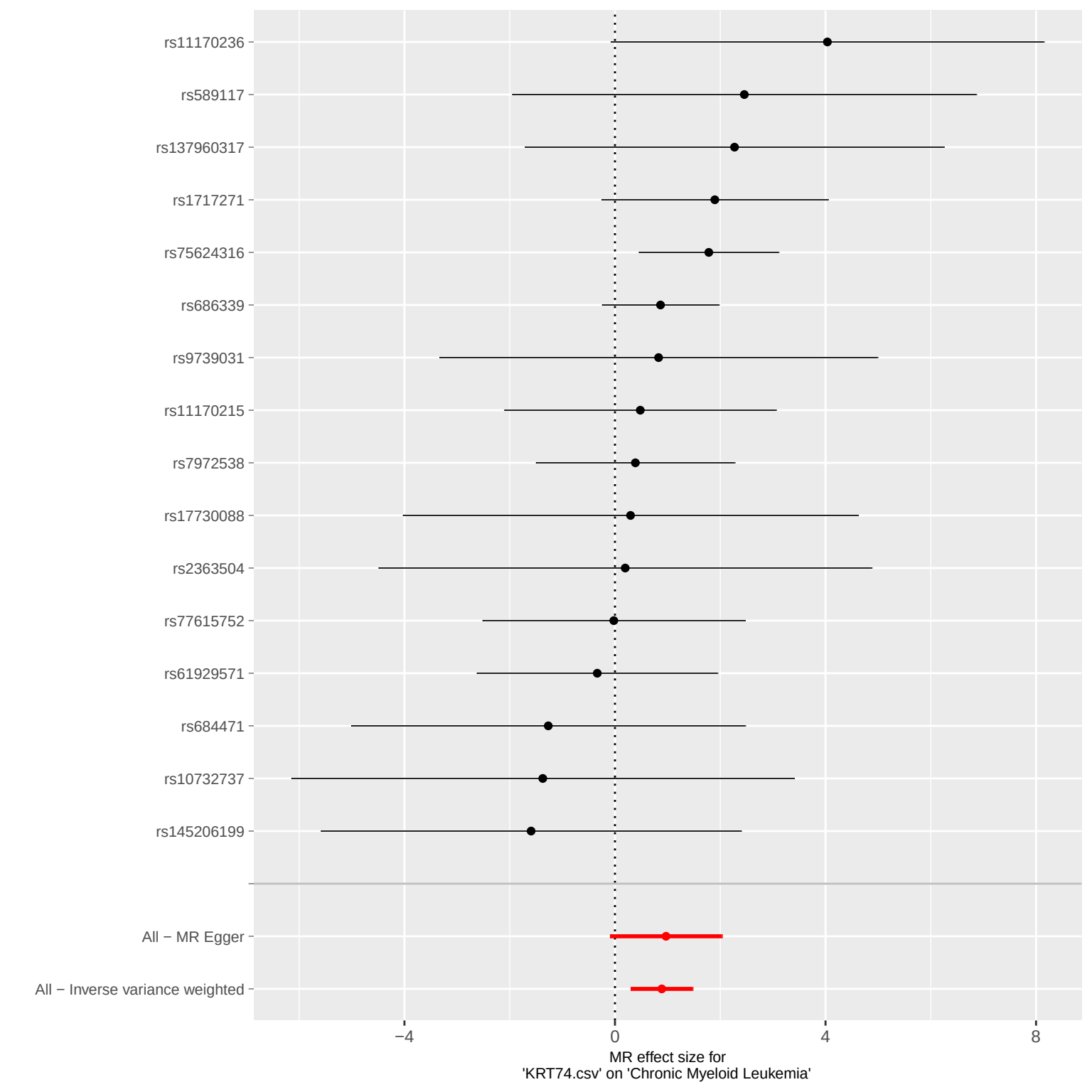
MR effect size for
'KRT73.csv' on 'Chronic Myeloid Leukemia'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rs2363504
rs77615752
rs61929571
rs684471
rs10732737
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All − MR Egger
All − Inverse variance weighted
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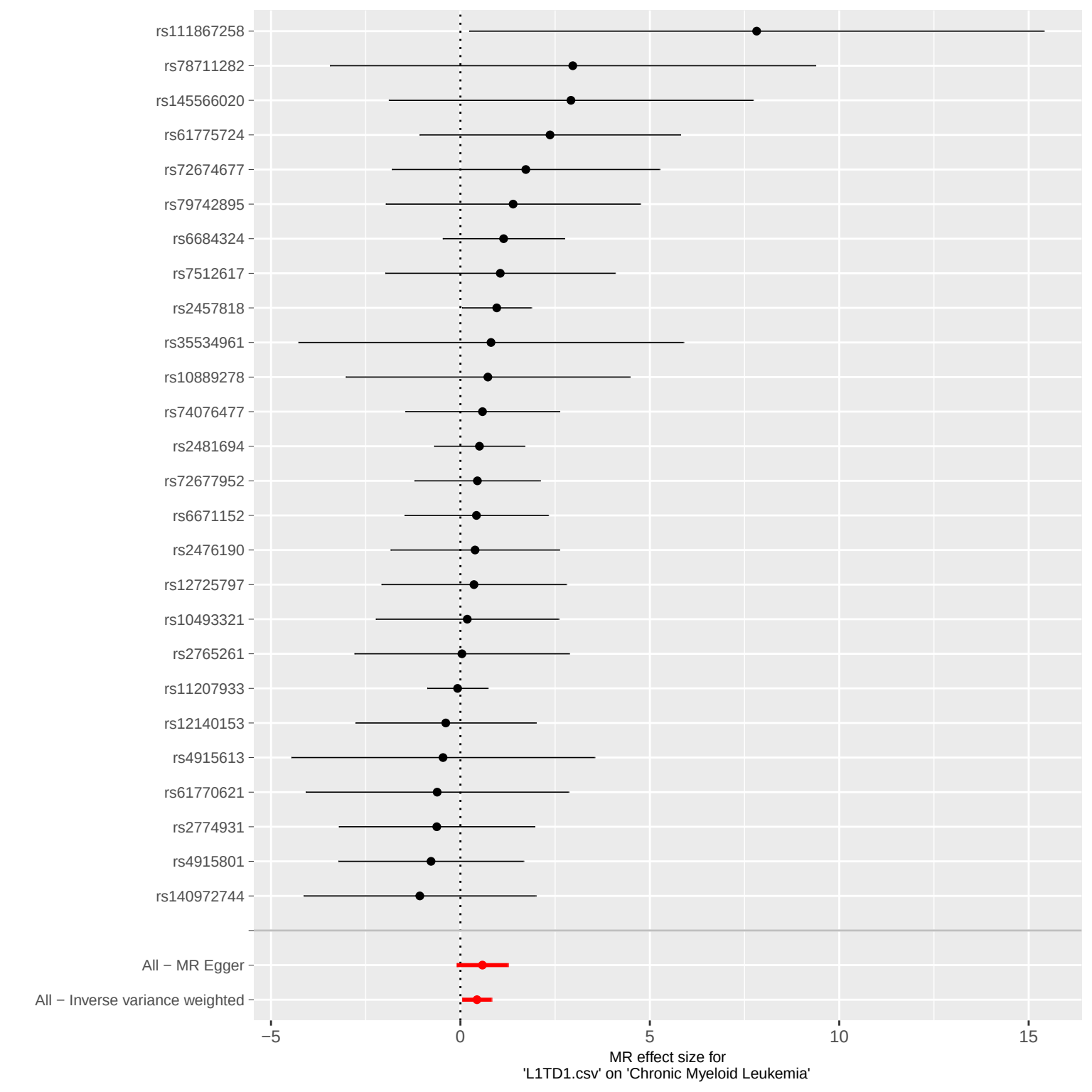
0
4
8
MR effect size for
'KRT74.csv' on 'Chronic Myeloid Leukemia'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rs2481694
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rs6671152
rs2476190
rs12725797
rs10493321
rs2765261
rs11207933
rs12140153
rs4915613
rs61770621
rs2774931
rs4915801
rs140972744
All − MR Egger
All − Inverse variance weighted
−5
0
5
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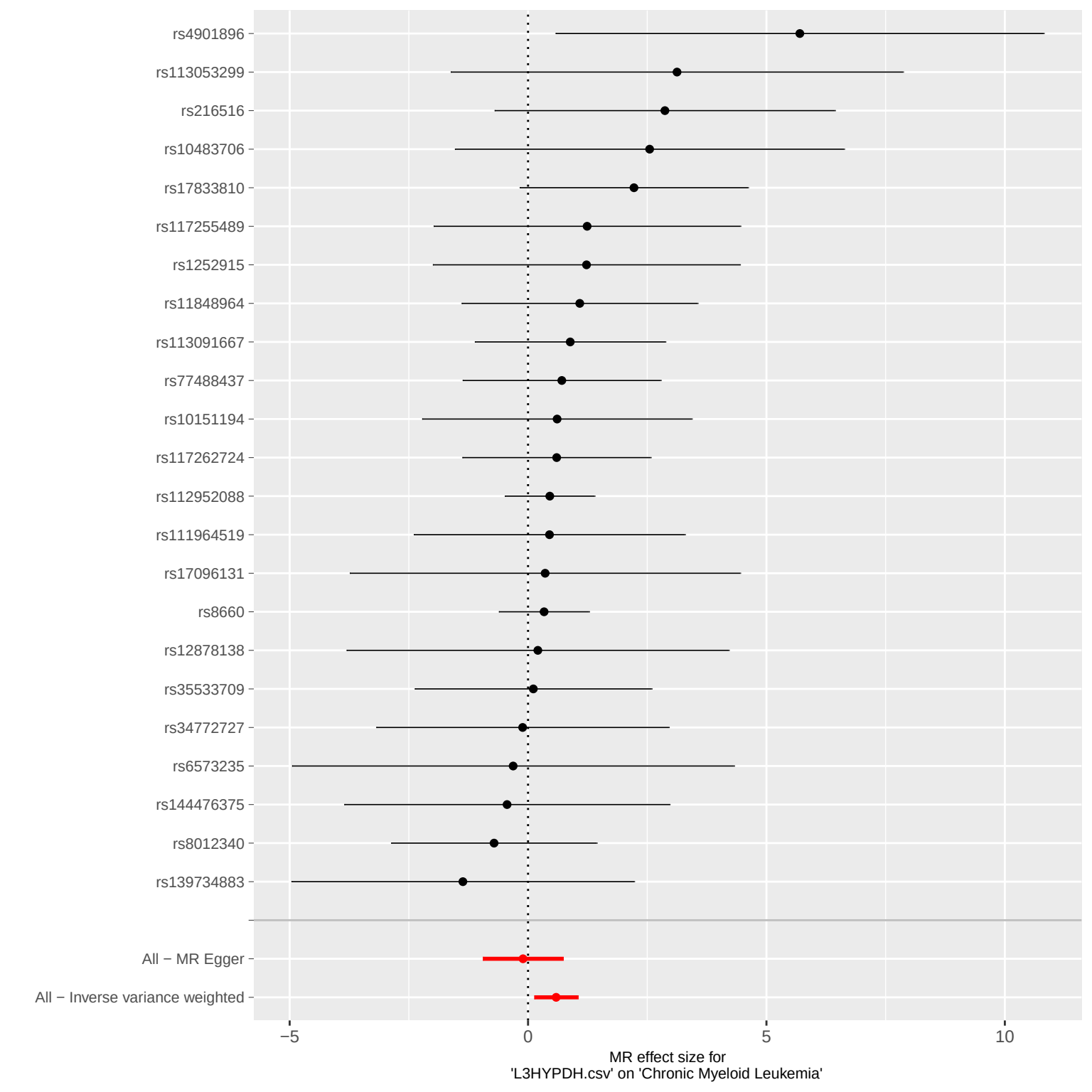
15
MR effect size for
'L1TD1.csv' on 'Chronic Myeloid Leukemia'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rs35533709
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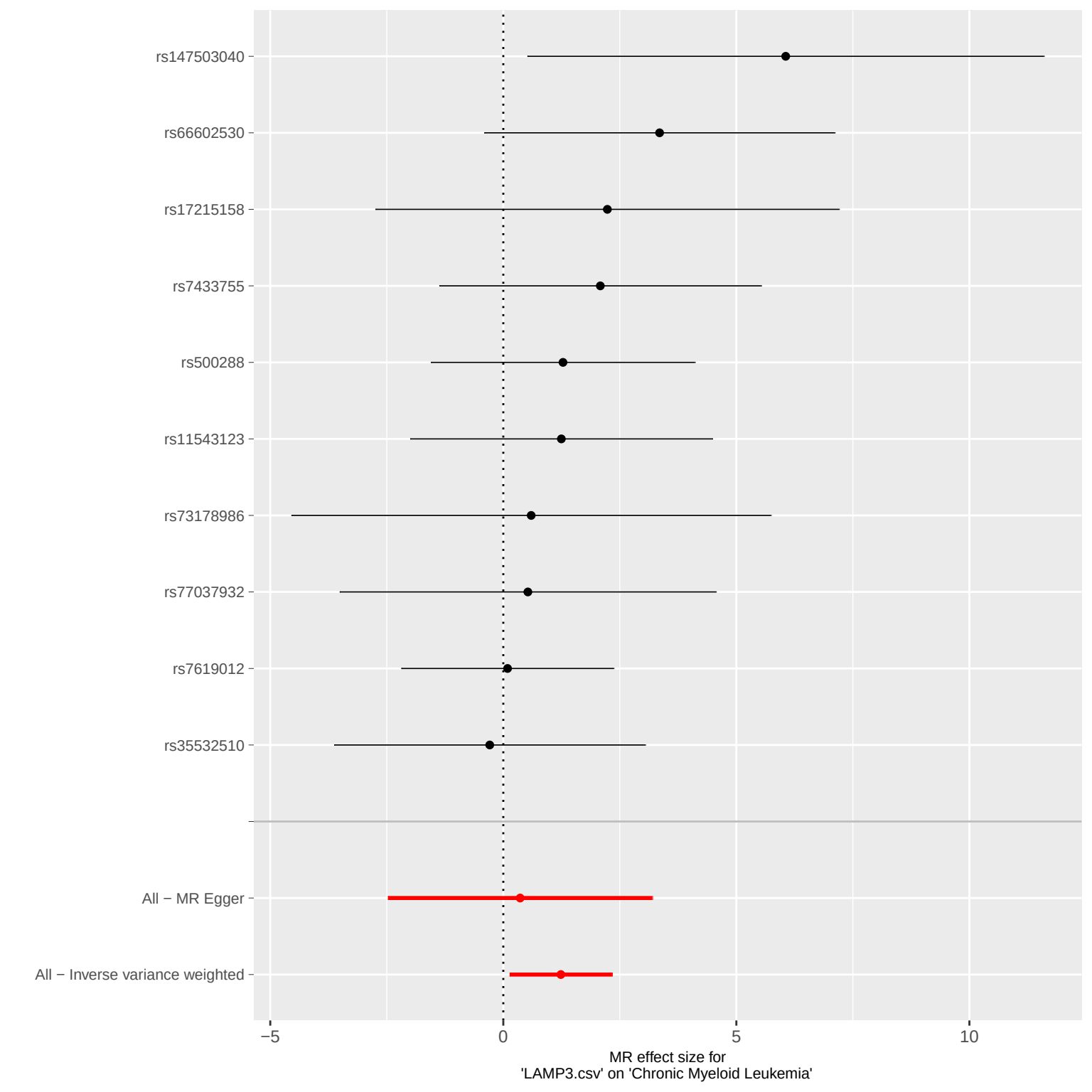
rs6573235
rs144476375
rs8012340
rs139734883
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'L3HYPDH.csv' on 'Chronic Myeloid Leukemia'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rs11543123
rs73178986
rs77037932
rs7619012
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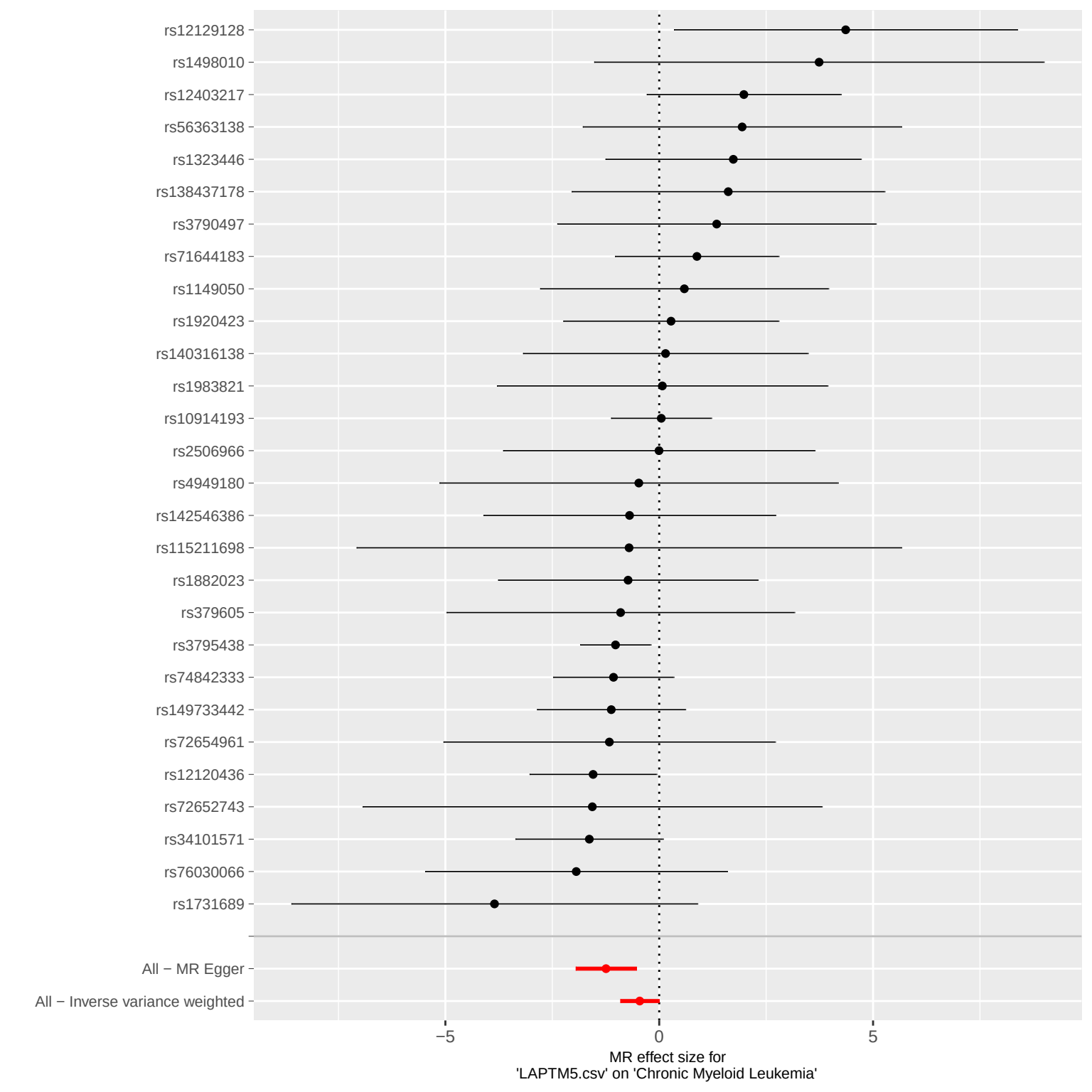
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'LAMP3.csv' on 'Chronic Myeloid Leukemia'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rs1882023
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rs72654961
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rs72652743
rs34101571
rs76030066
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All − MR Egger
All − Inverse variance weighted
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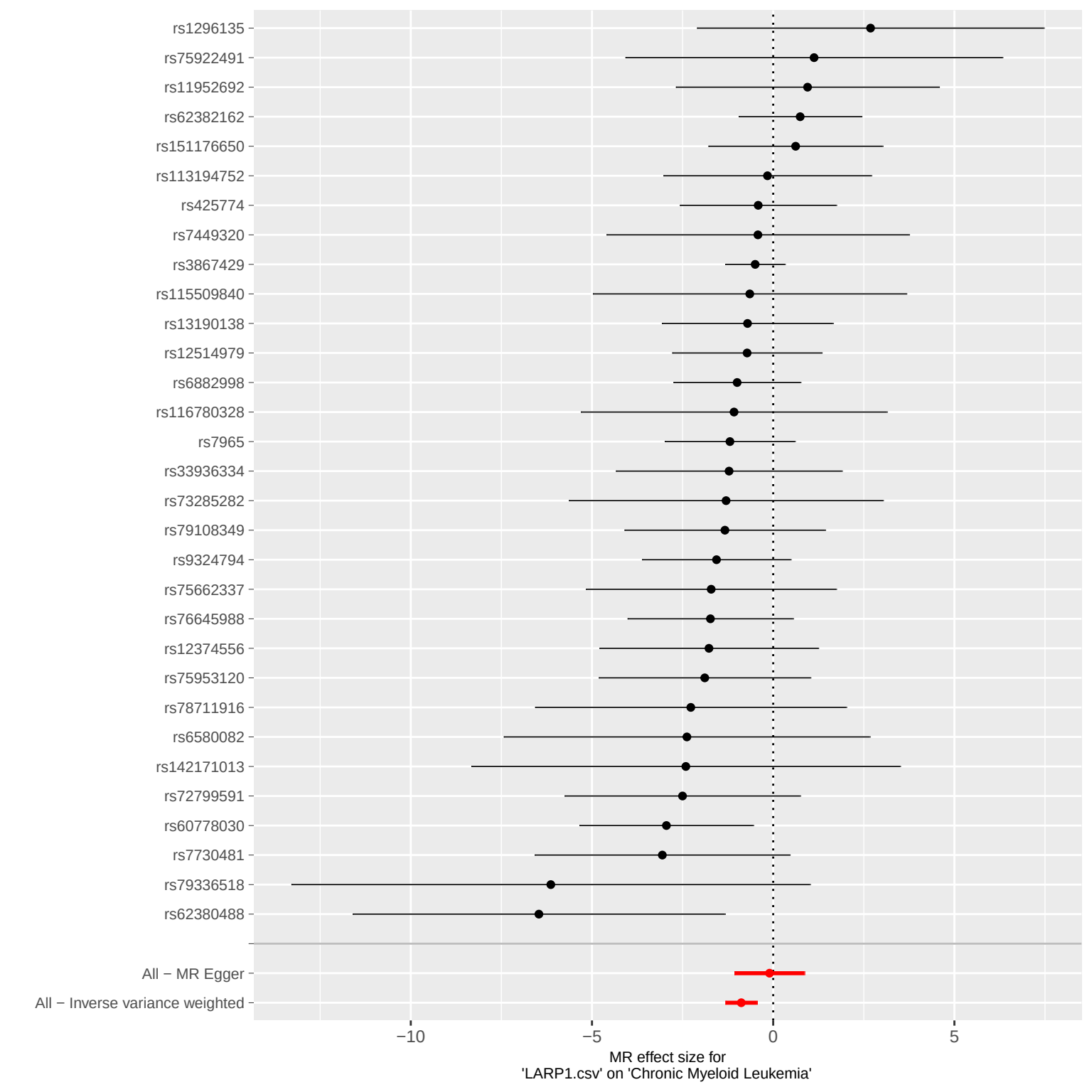
MR effect size for
'LAPTM5.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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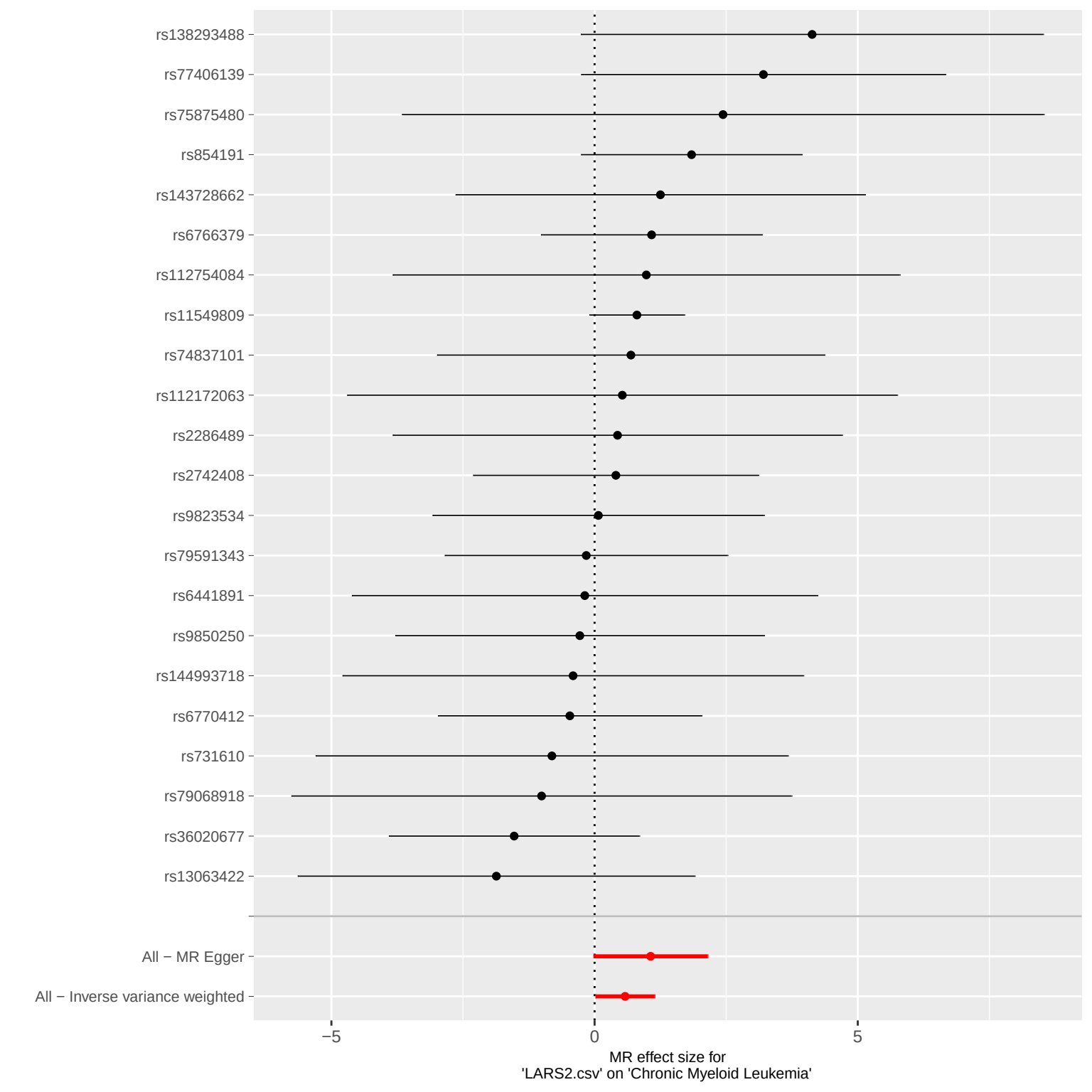
MR effect size for
'LARP1.csv' on 'Chronic Myeloid Leukemia'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rs6770412
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All − MR Egger
All − Inverse variance weighted
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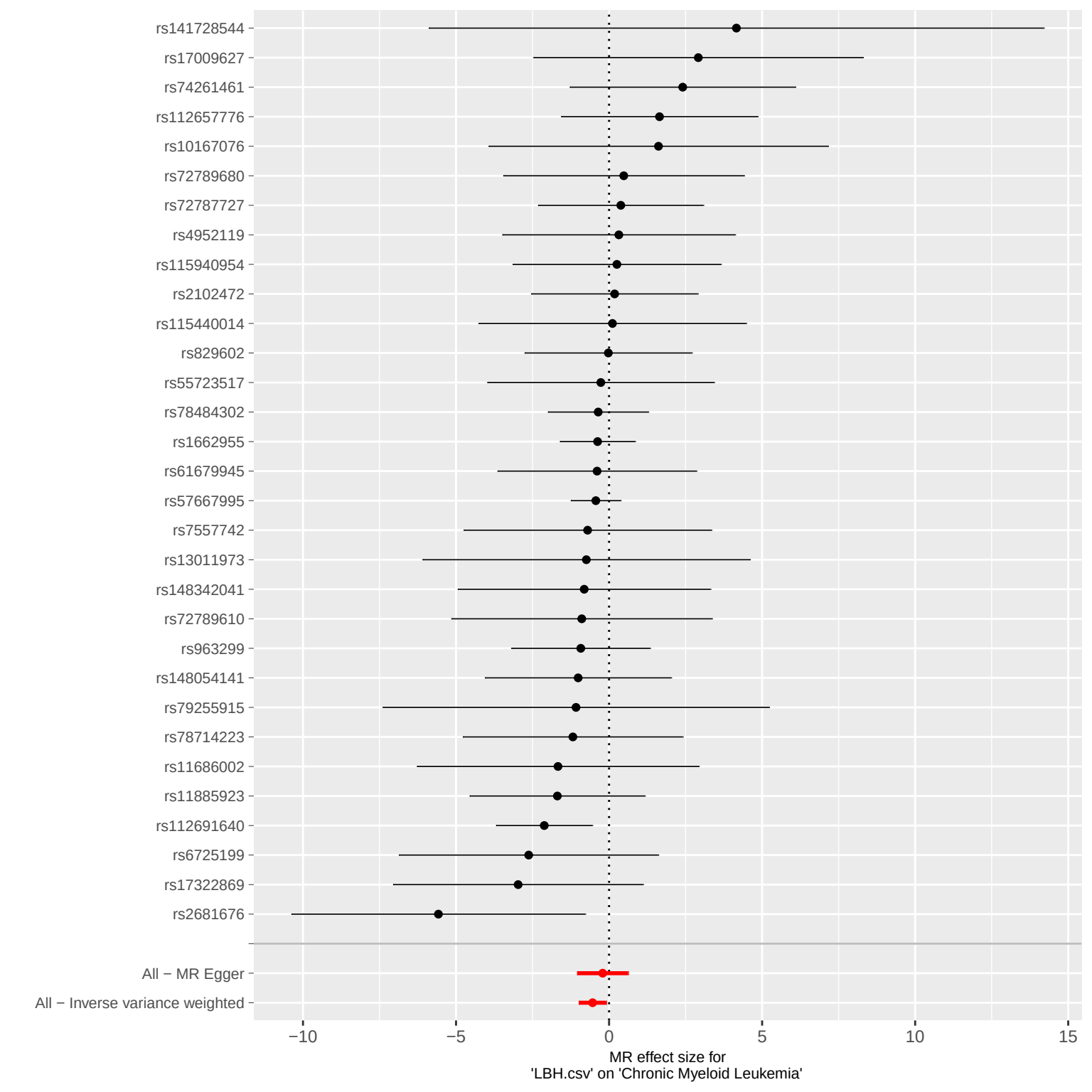
MR effect size for
'LARS2.csv' on 'Chronic Myeloid Leukemia'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rs829602
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rs6725199
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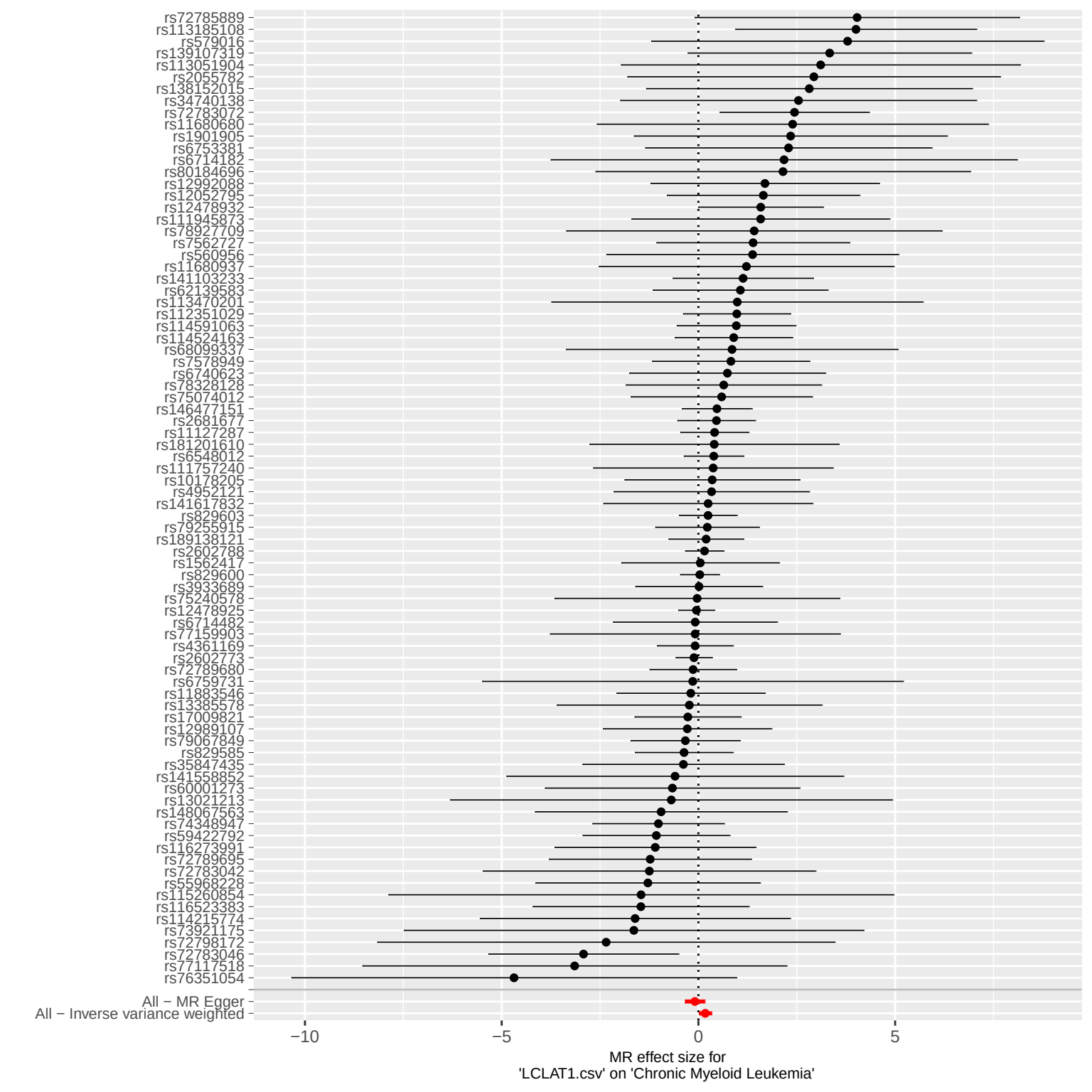
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
15
MR effect size for
'LBH.csv' on 'Chronic Myeloid Leukemia'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rs72798172
rs72783046
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All − MR Egger
All − Inverse variance weighted
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−5
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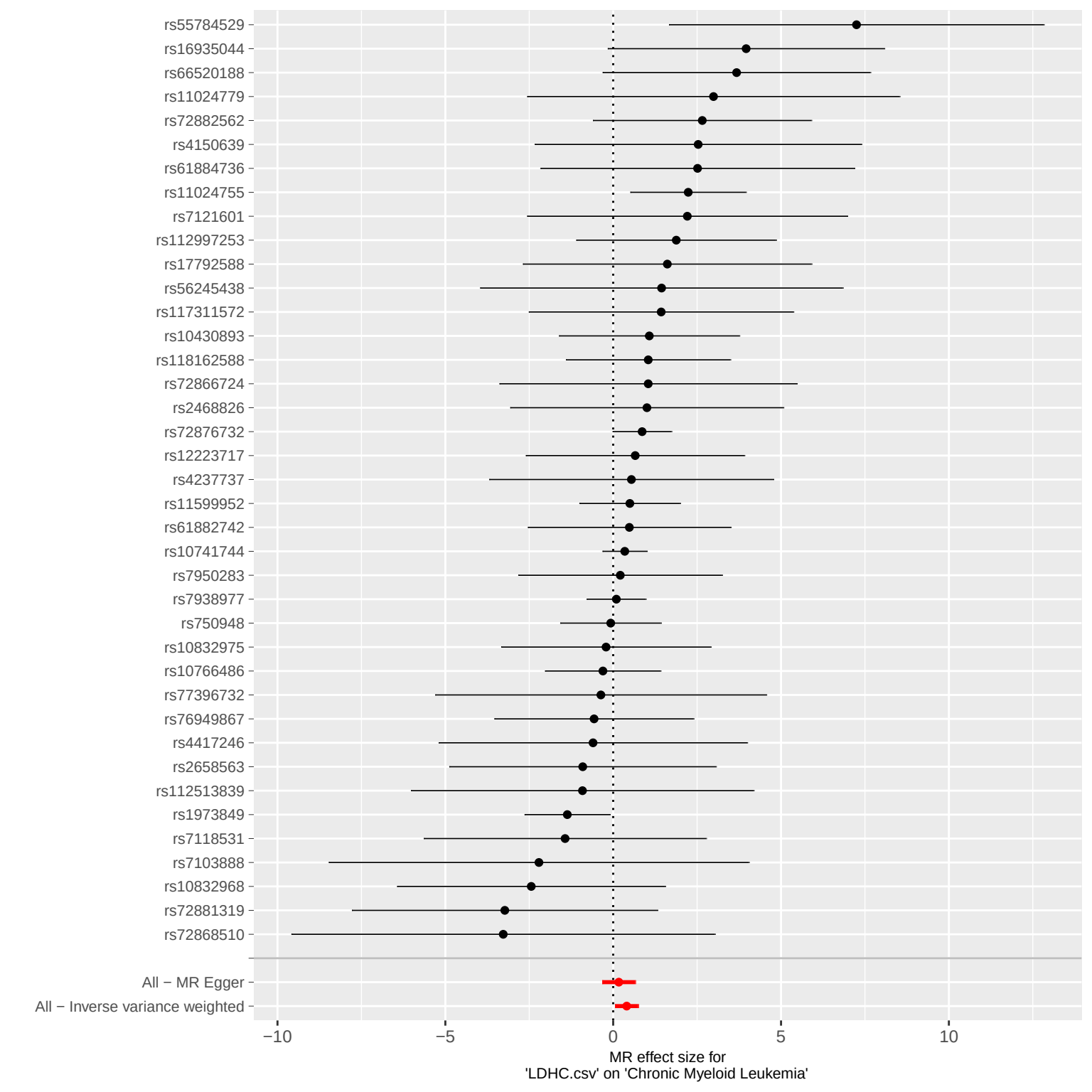
5
MR effect size for
'LCLAT1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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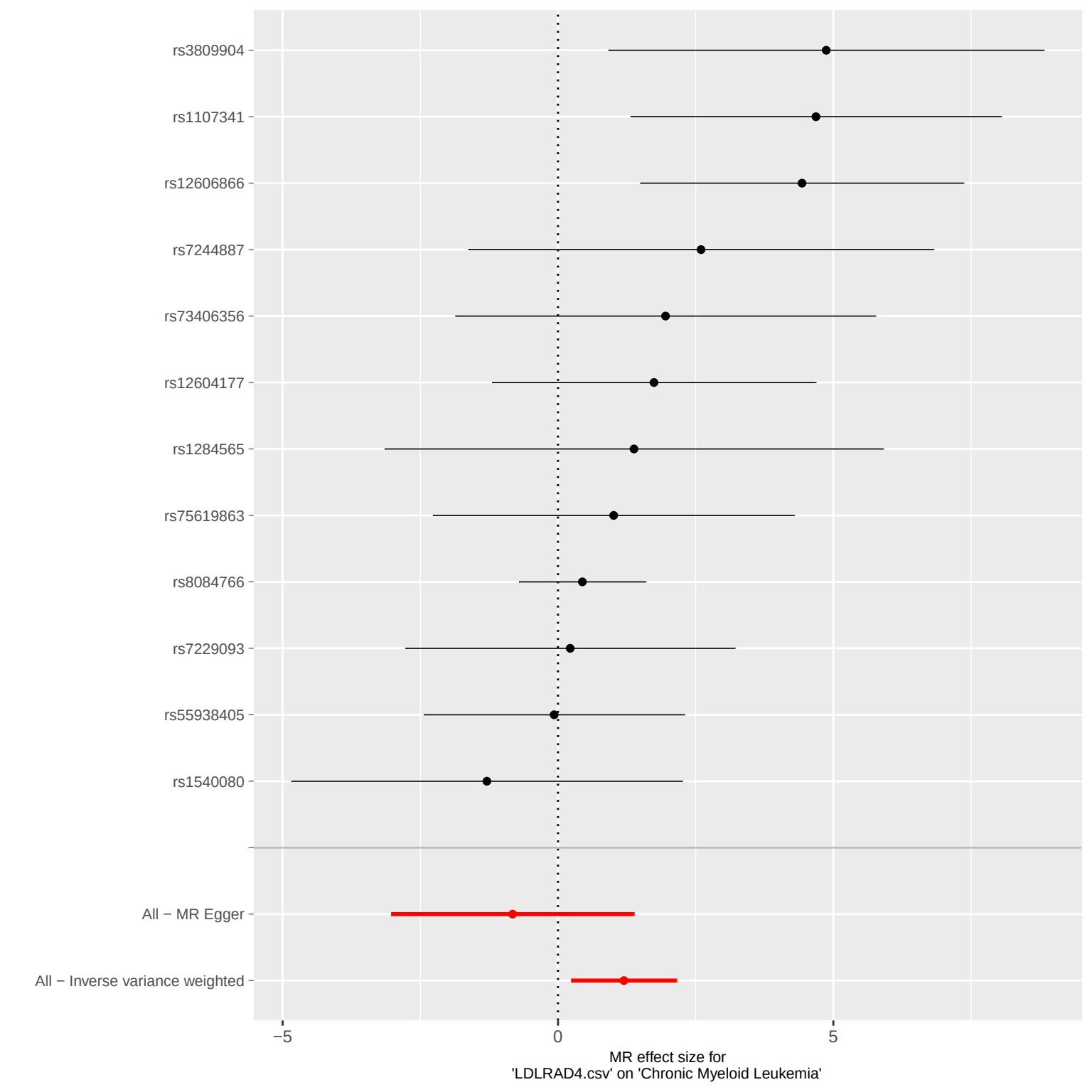
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All − Inverse variance weighted
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MR effect size for
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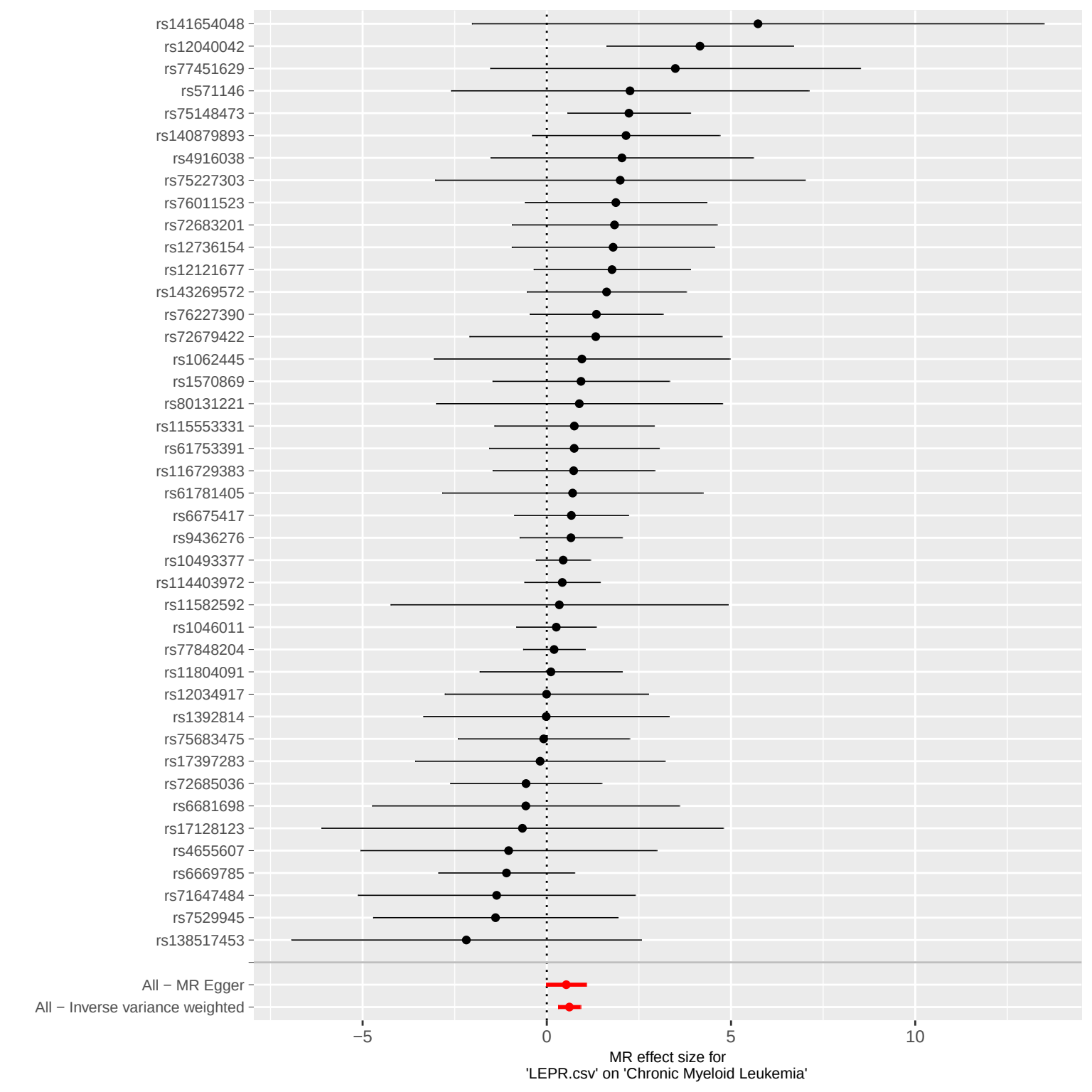
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MR effect size for
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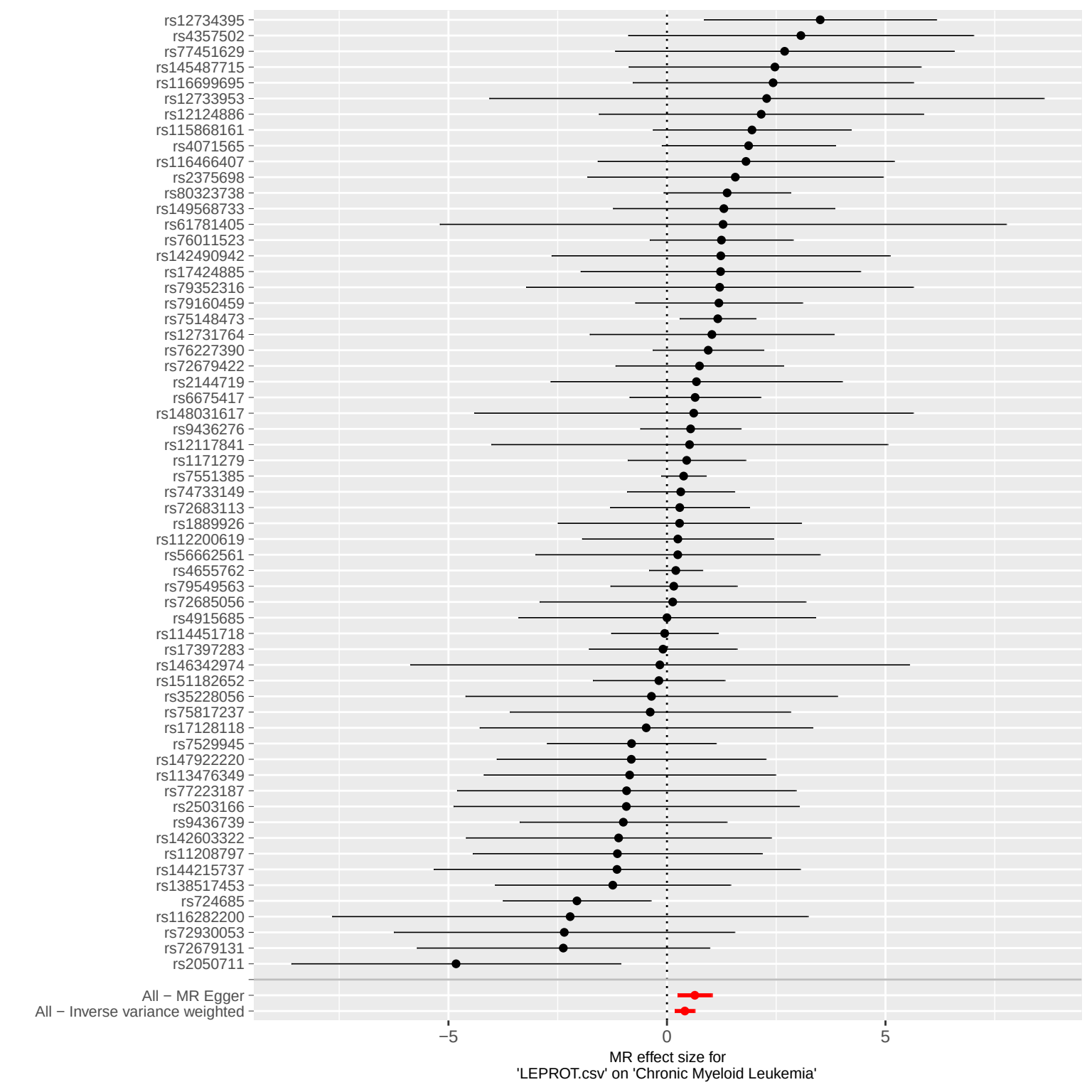
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All − Inverse variance weighted
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MR effect size for
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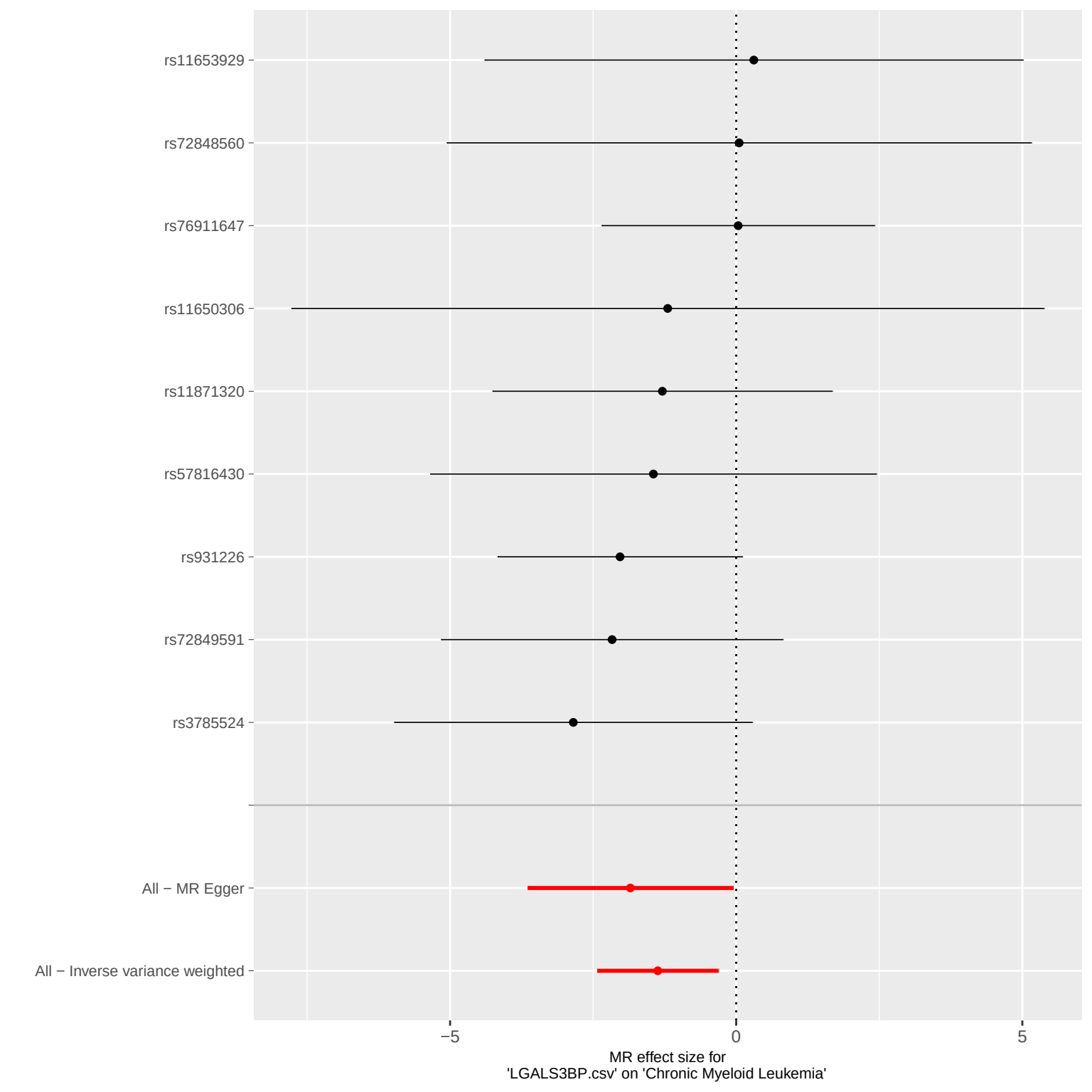
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MR effect size for
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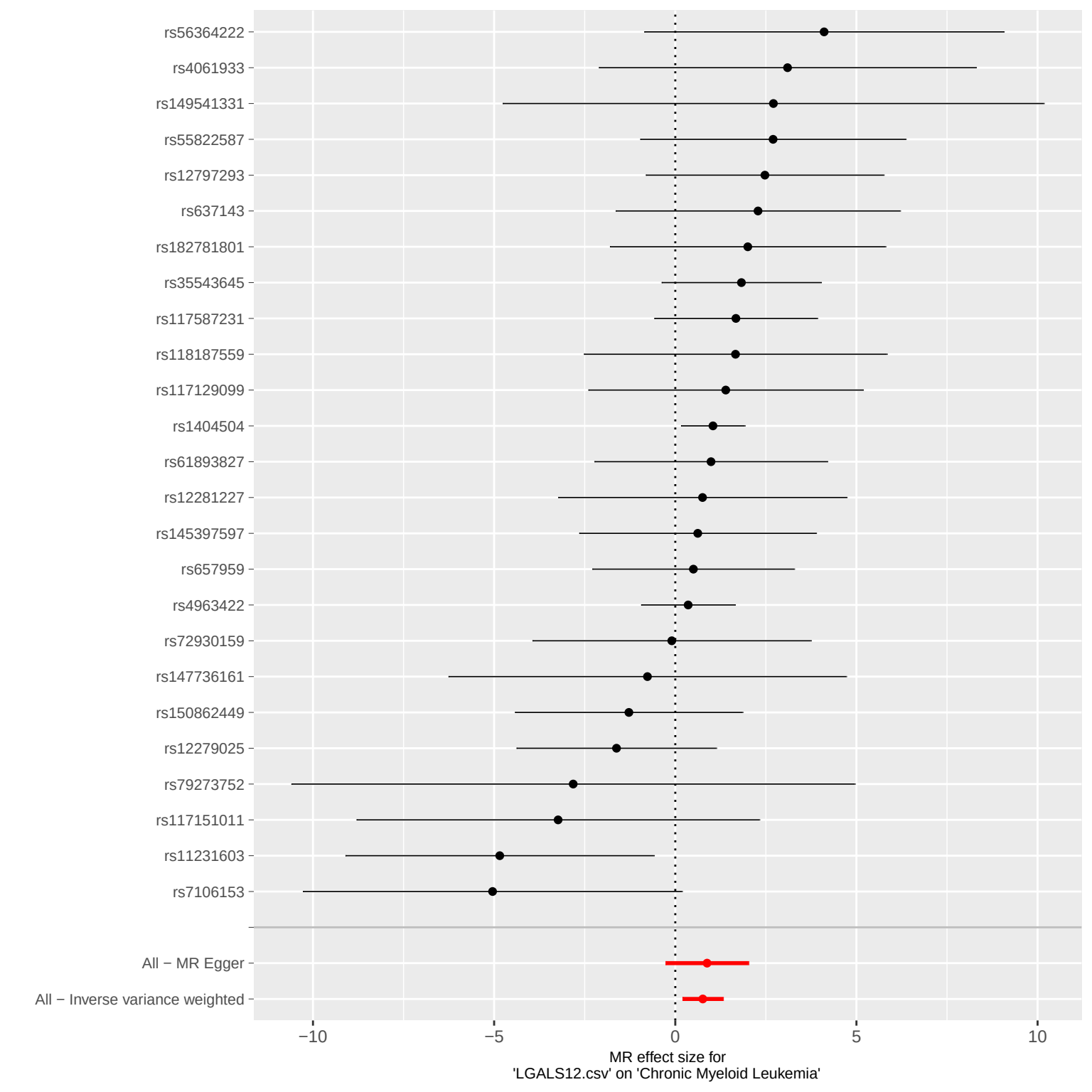
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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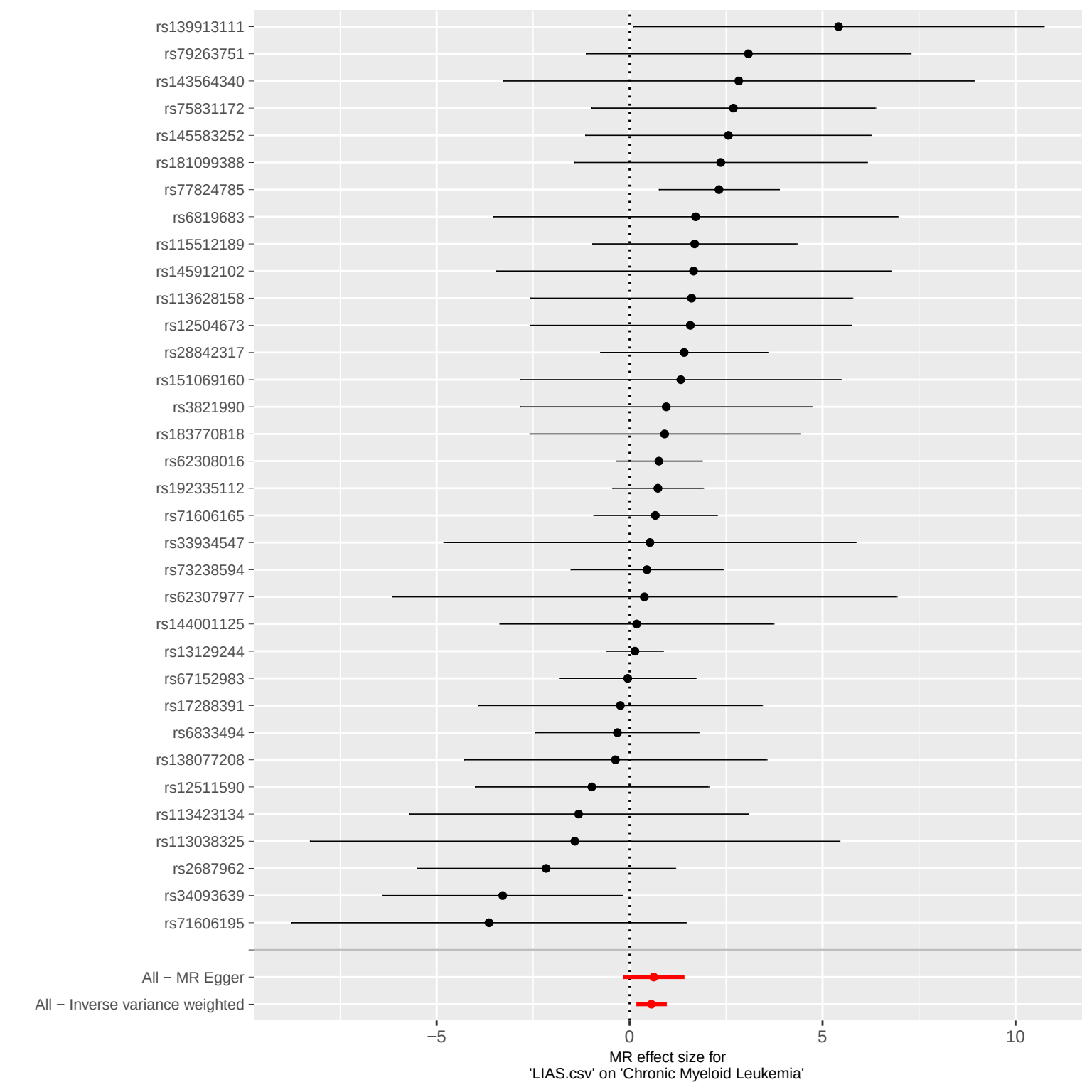
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MR effect size for
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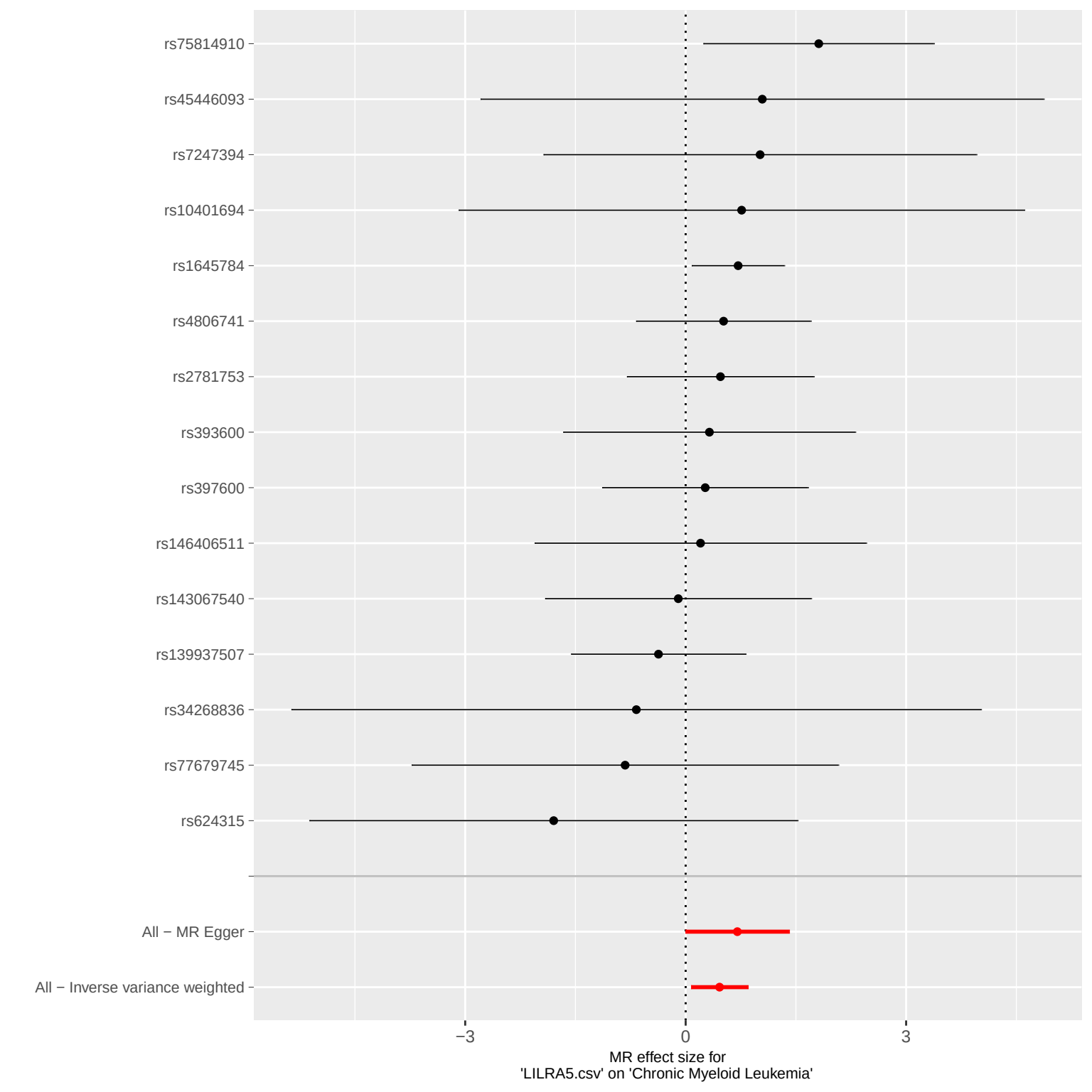
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All − Inverse variance weighted
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MR effect size for
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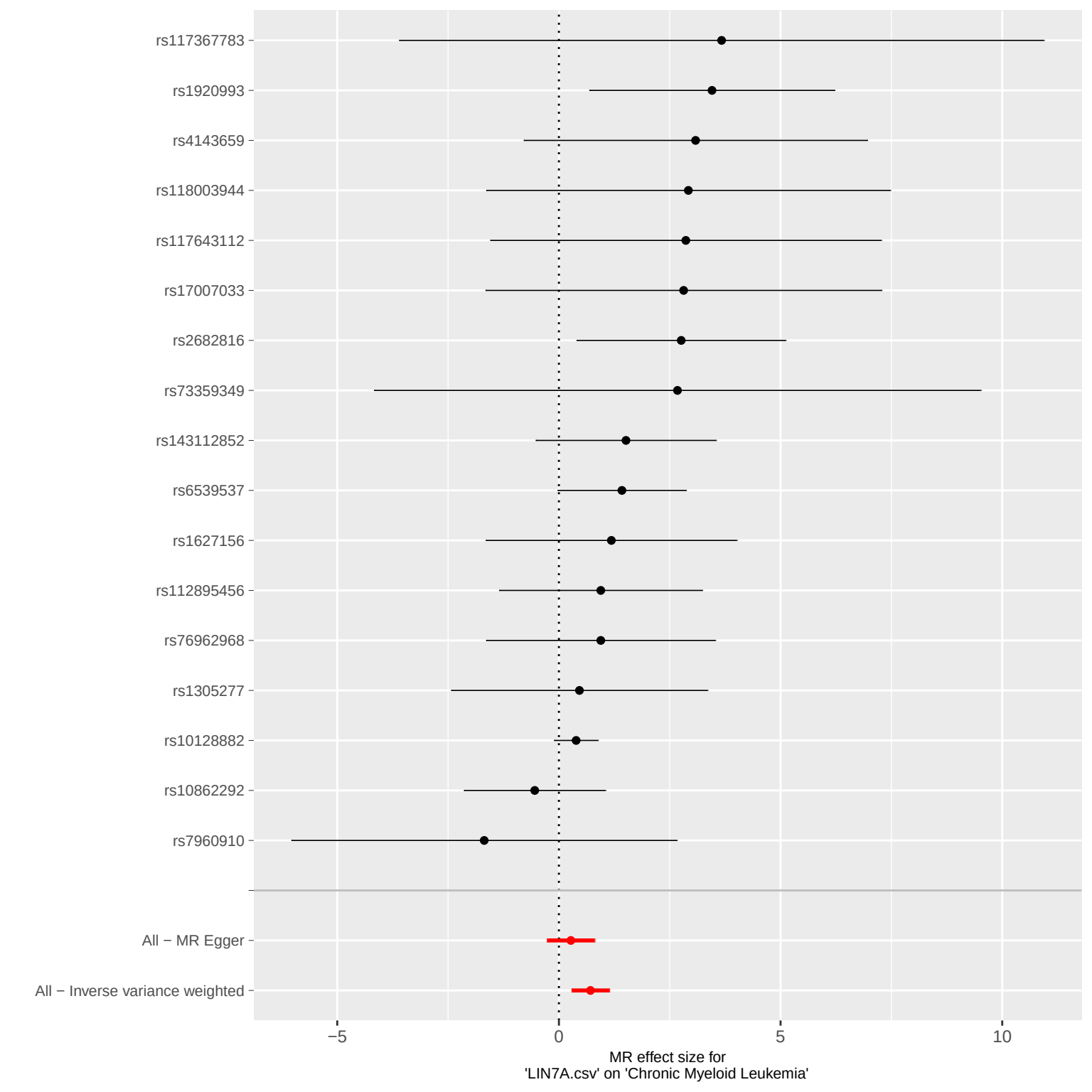
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All − Inverse variance weighted
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MR effect size for
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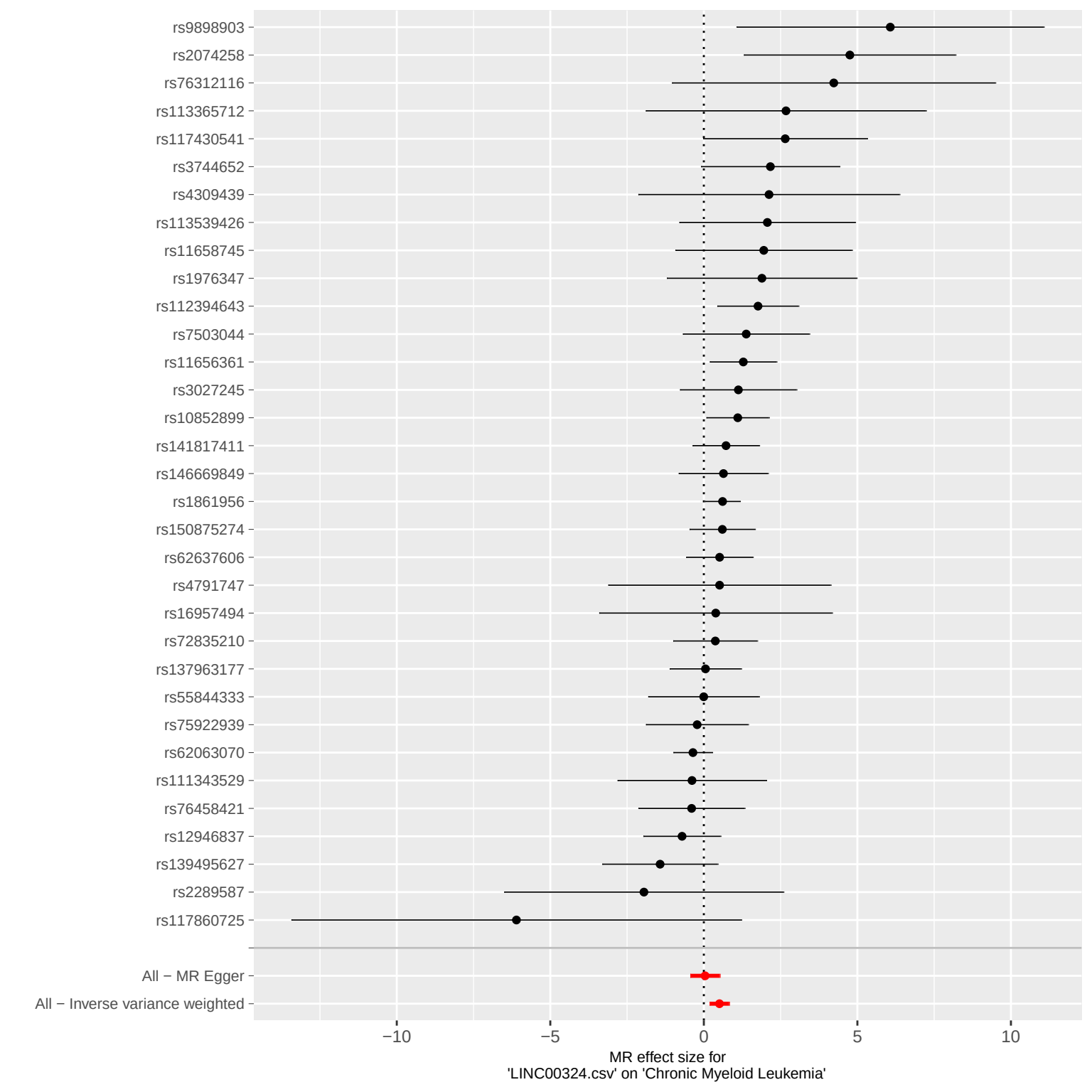
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All − Inverse variance weighted
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MR effect size for
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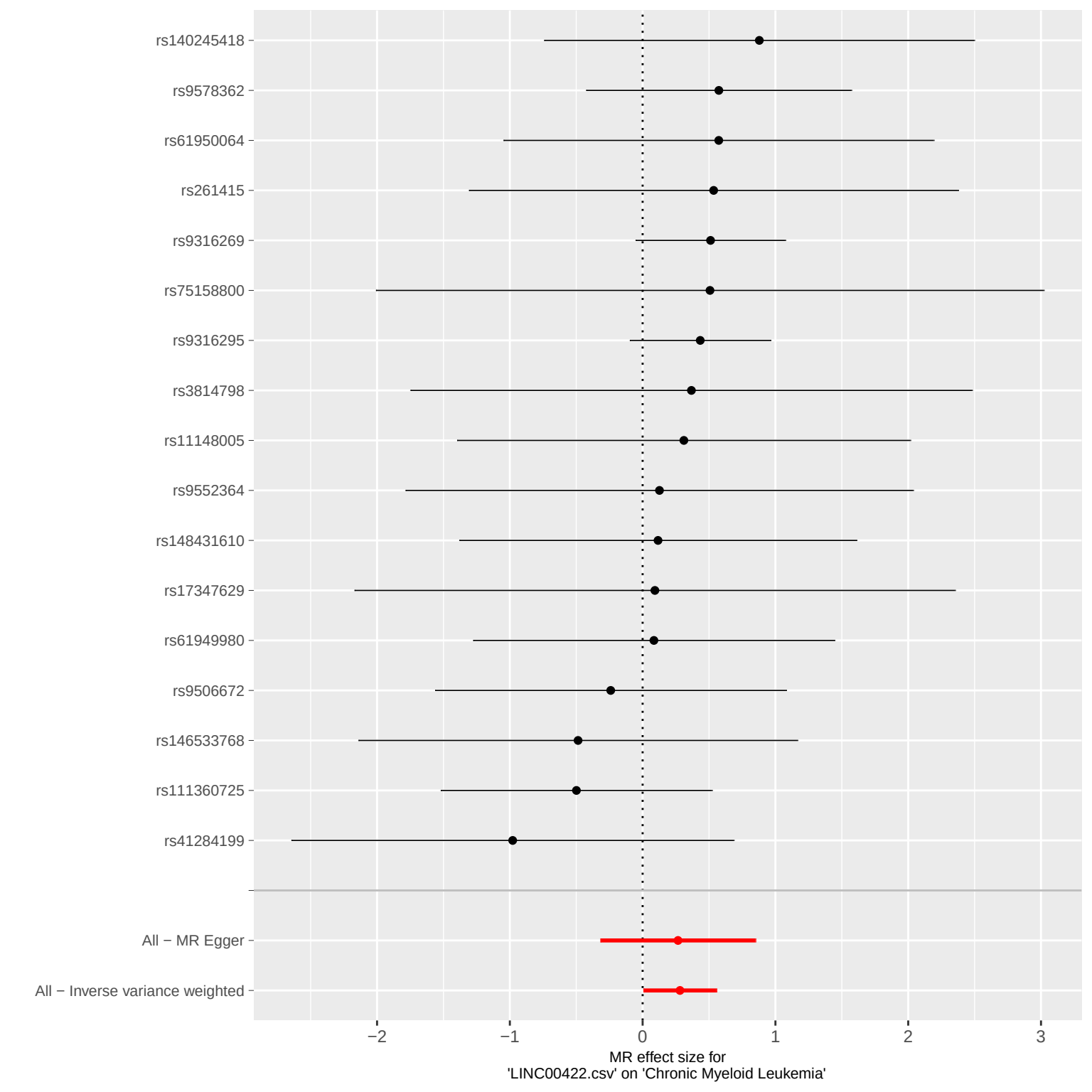
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1
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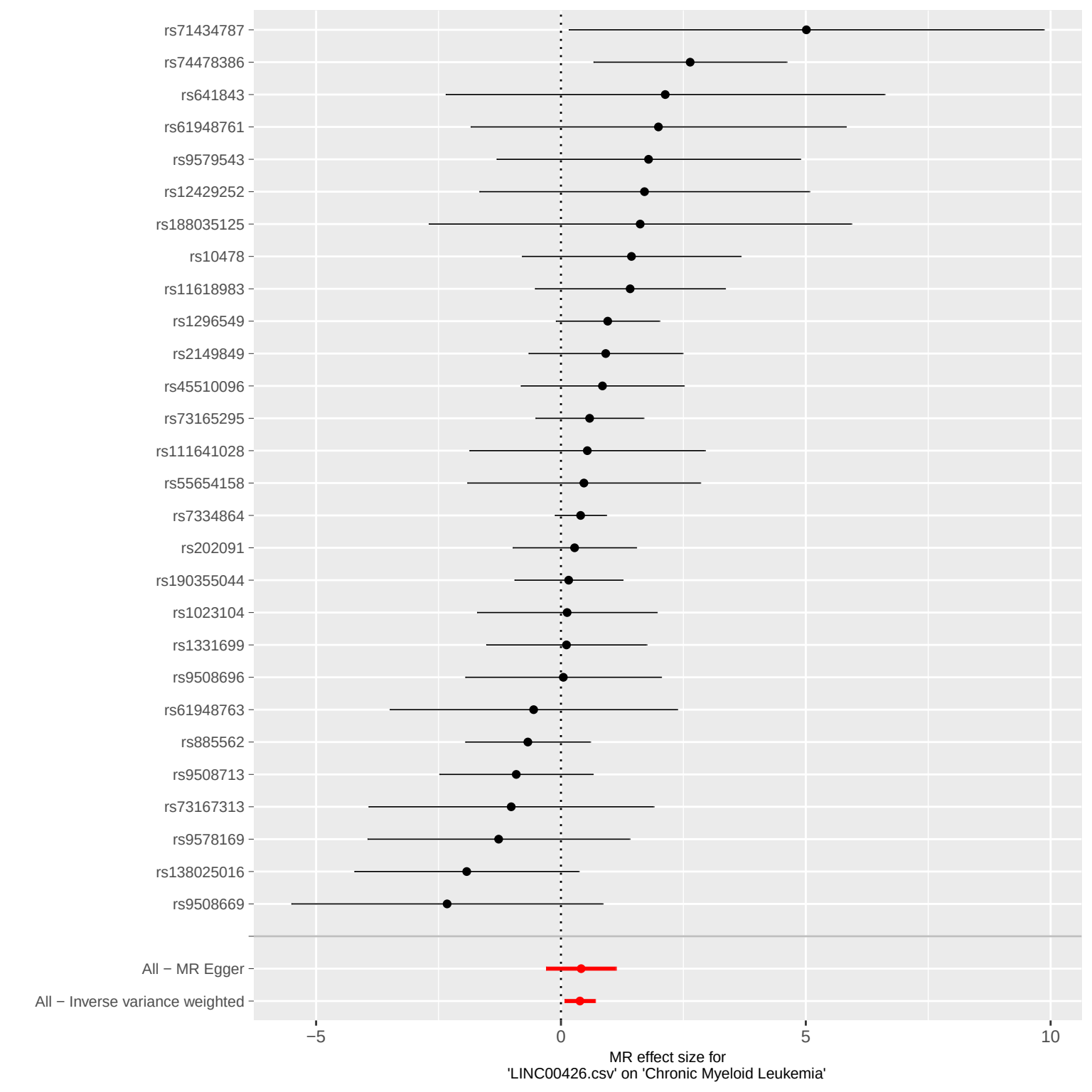
MR effect size for
'LINC00422.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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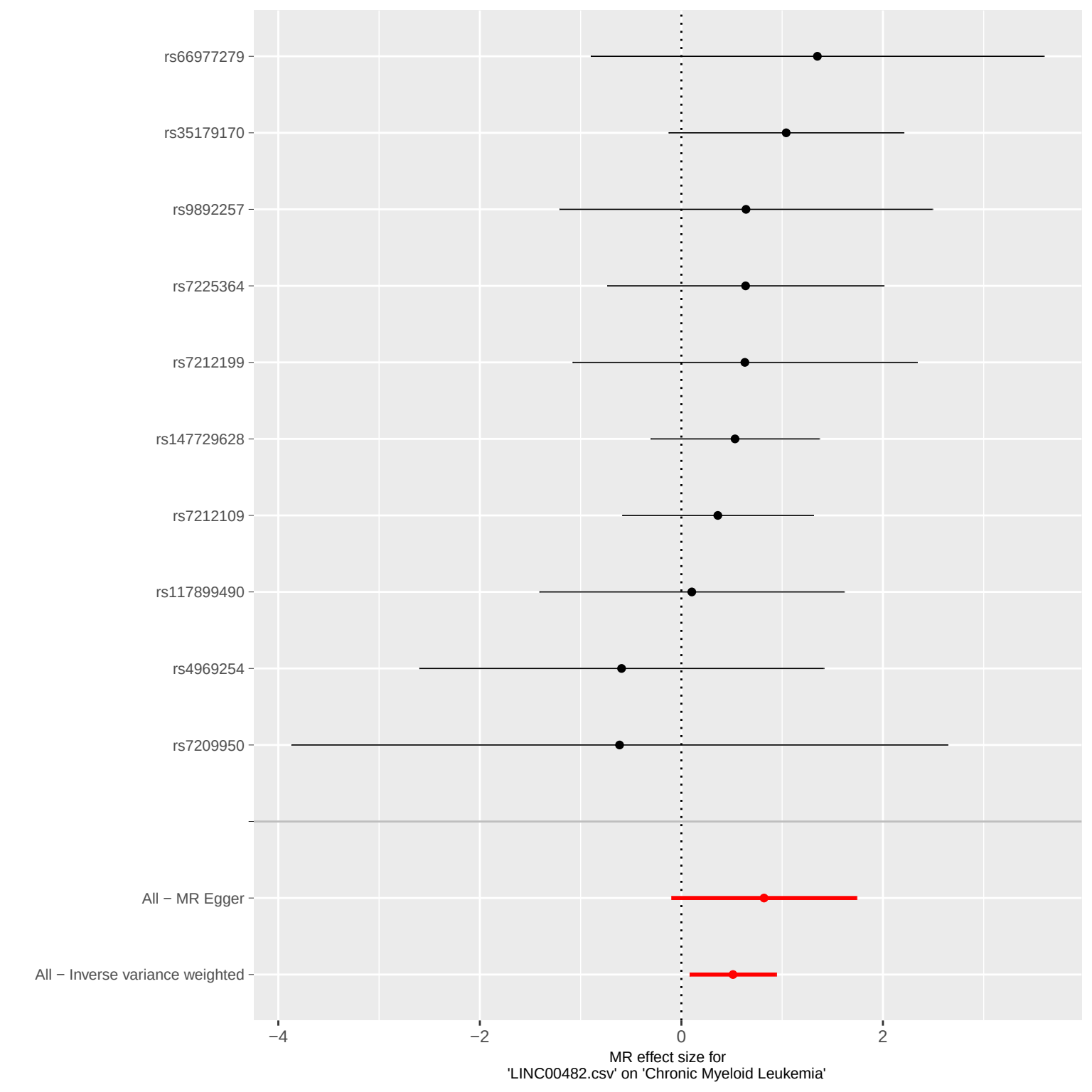
'LINC00426.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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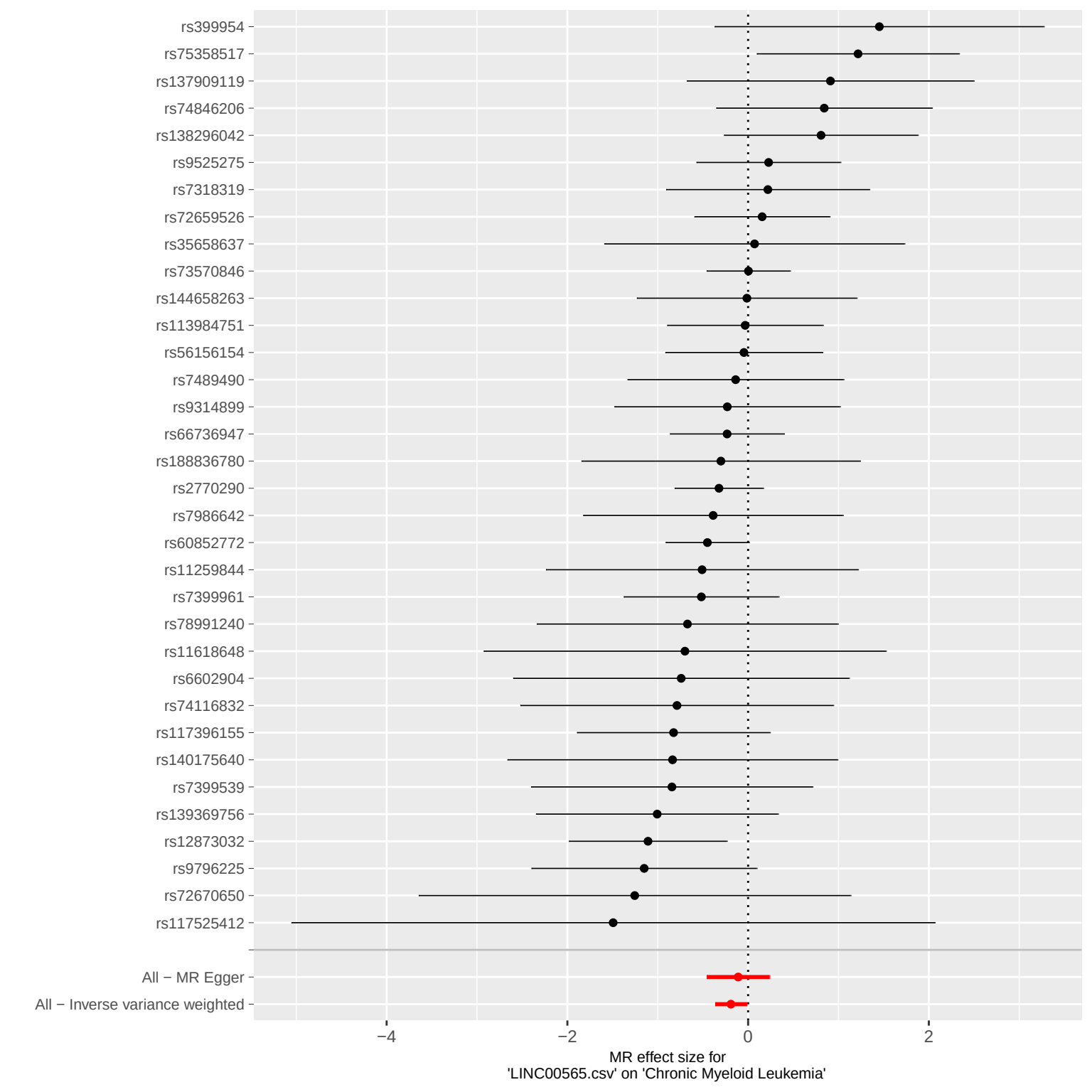
MR effect size for
'LINC00482.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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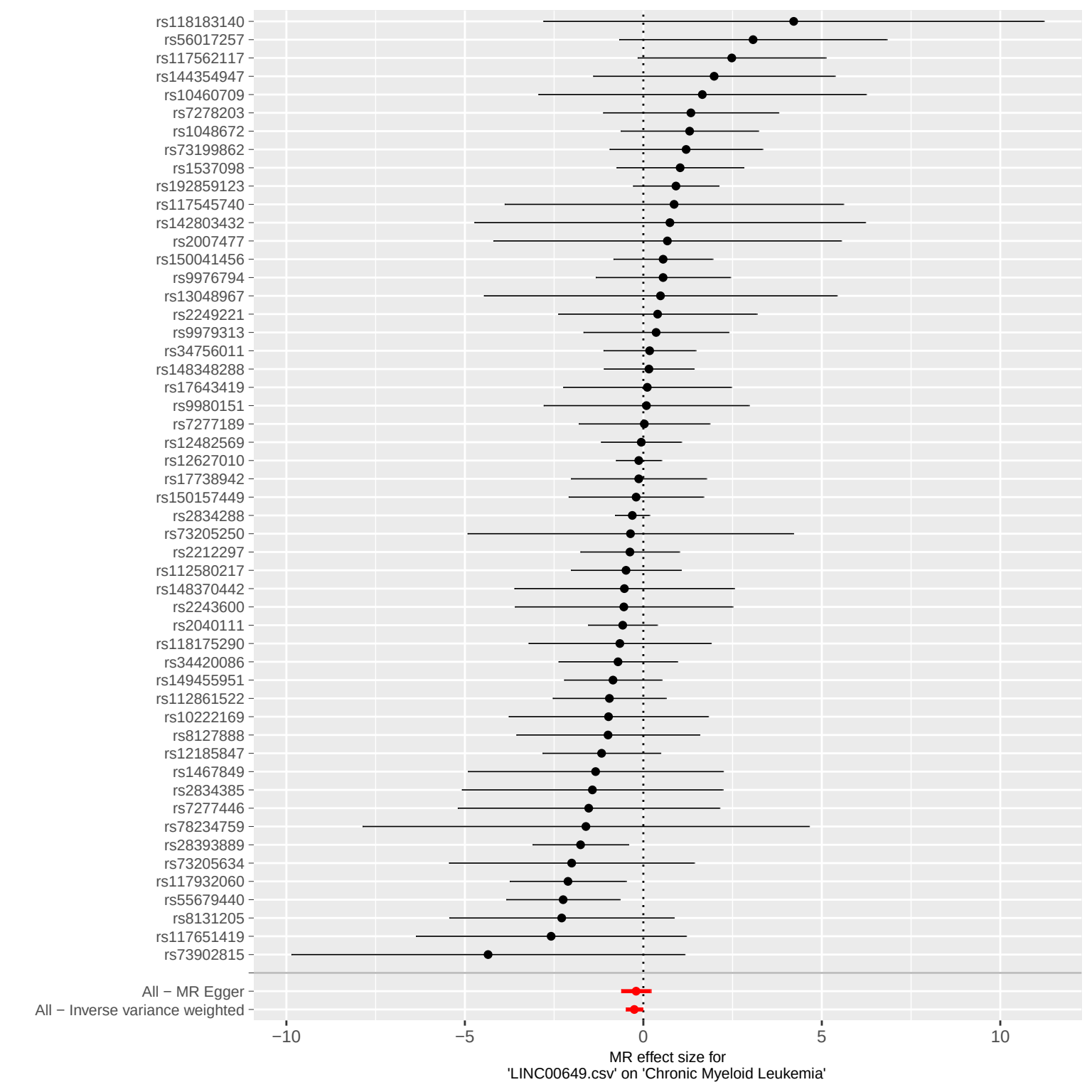
MR effect size for
'LINC00565.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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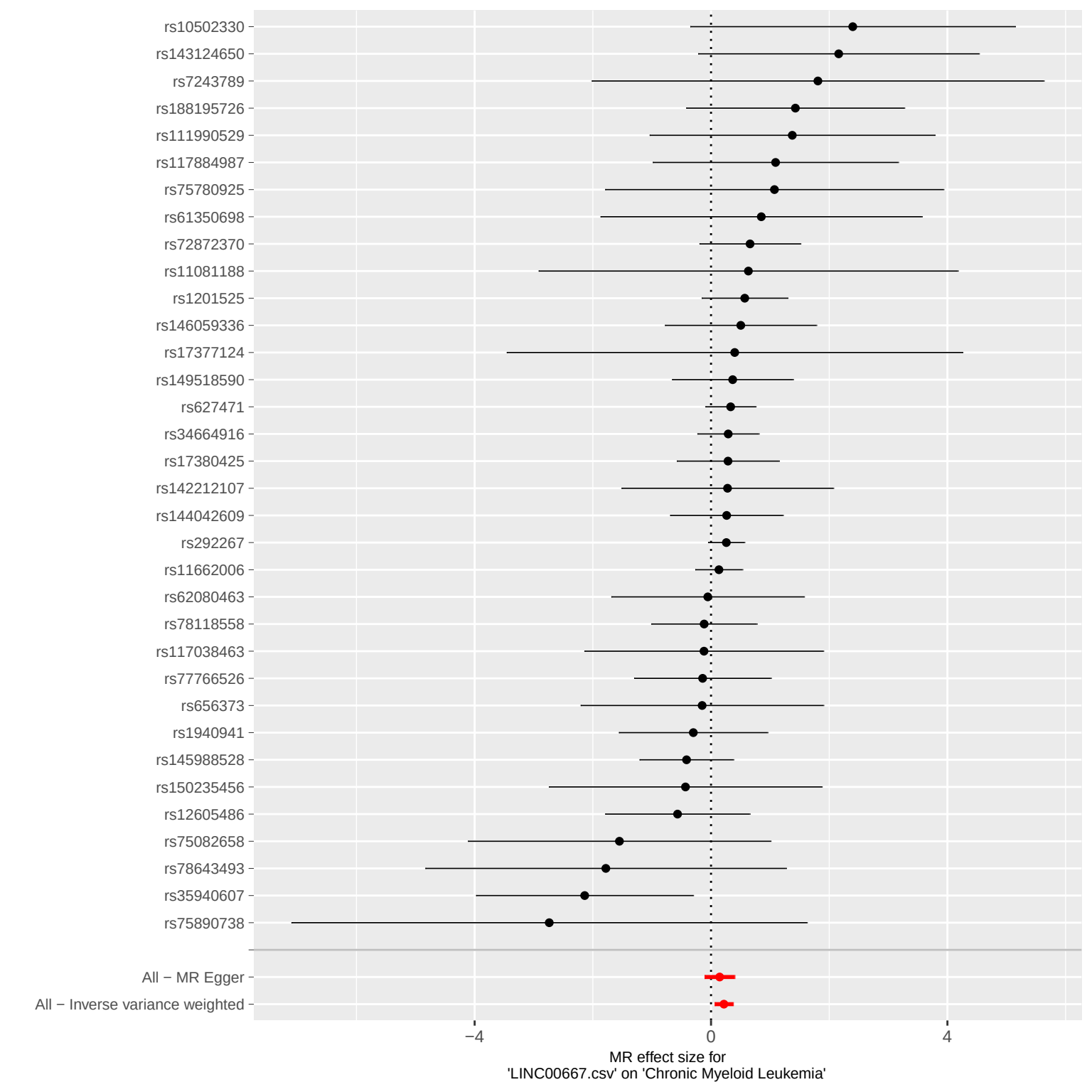
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All − Inverse variance weighted
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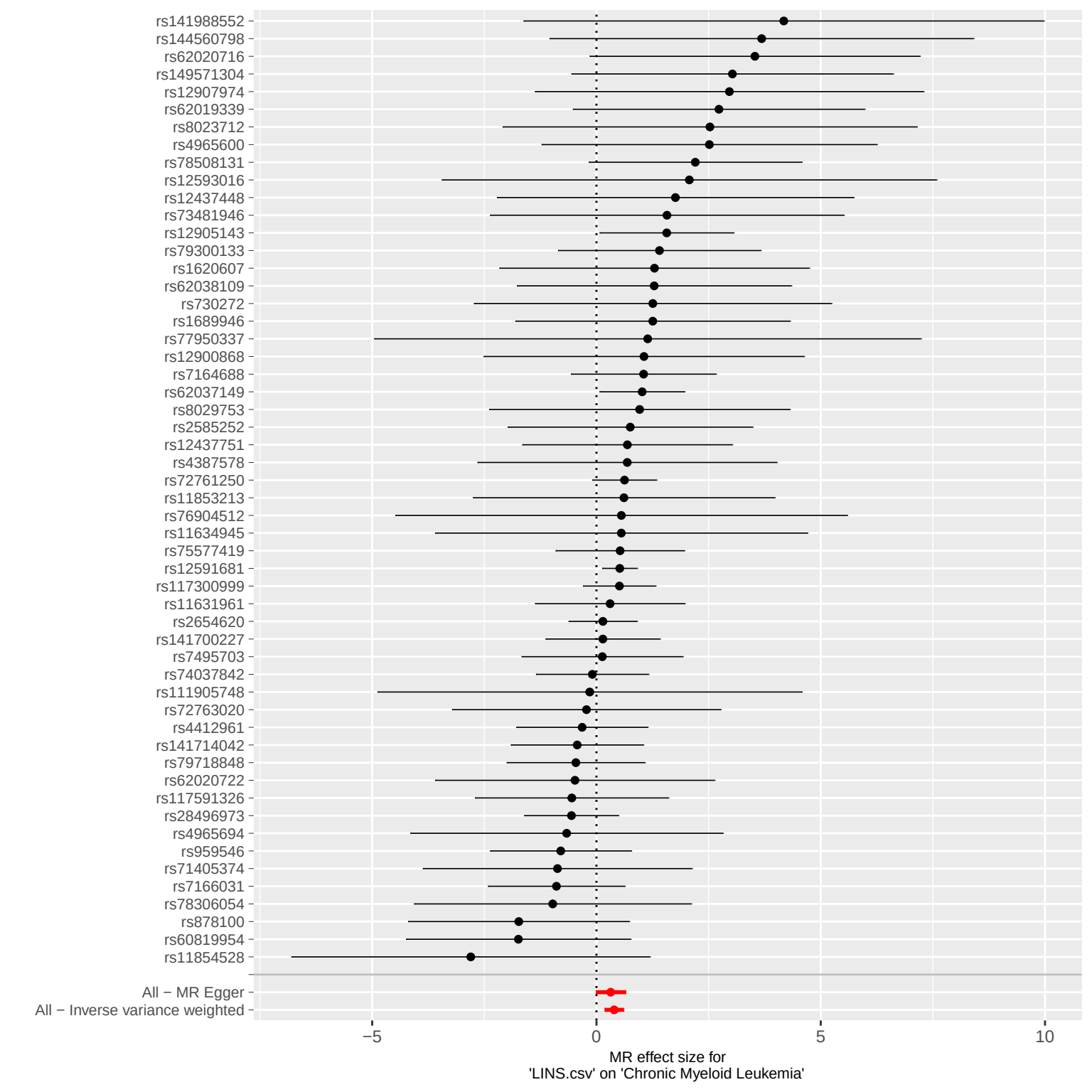
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All − Inverse variance weighted
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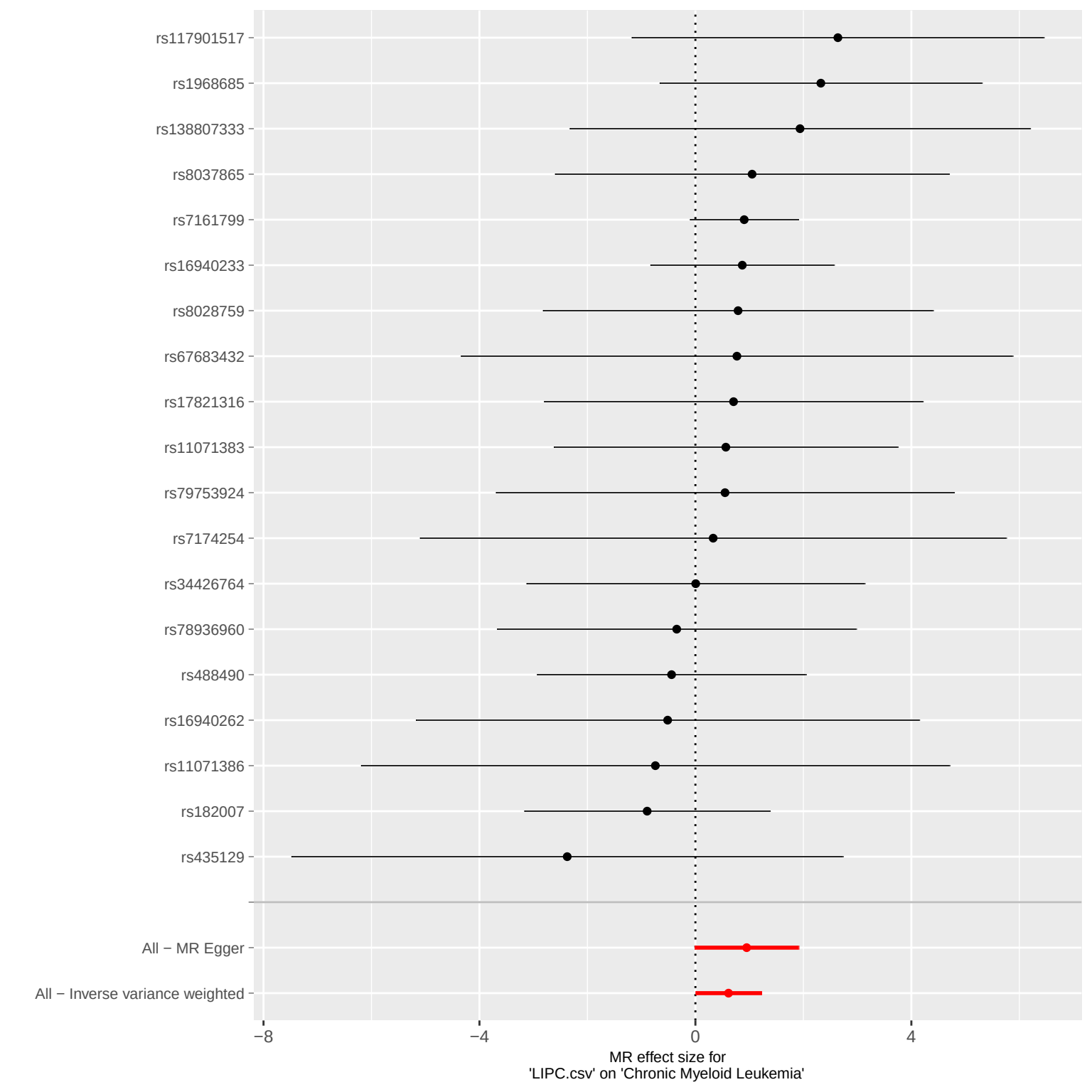
MR effect size for
'LINS.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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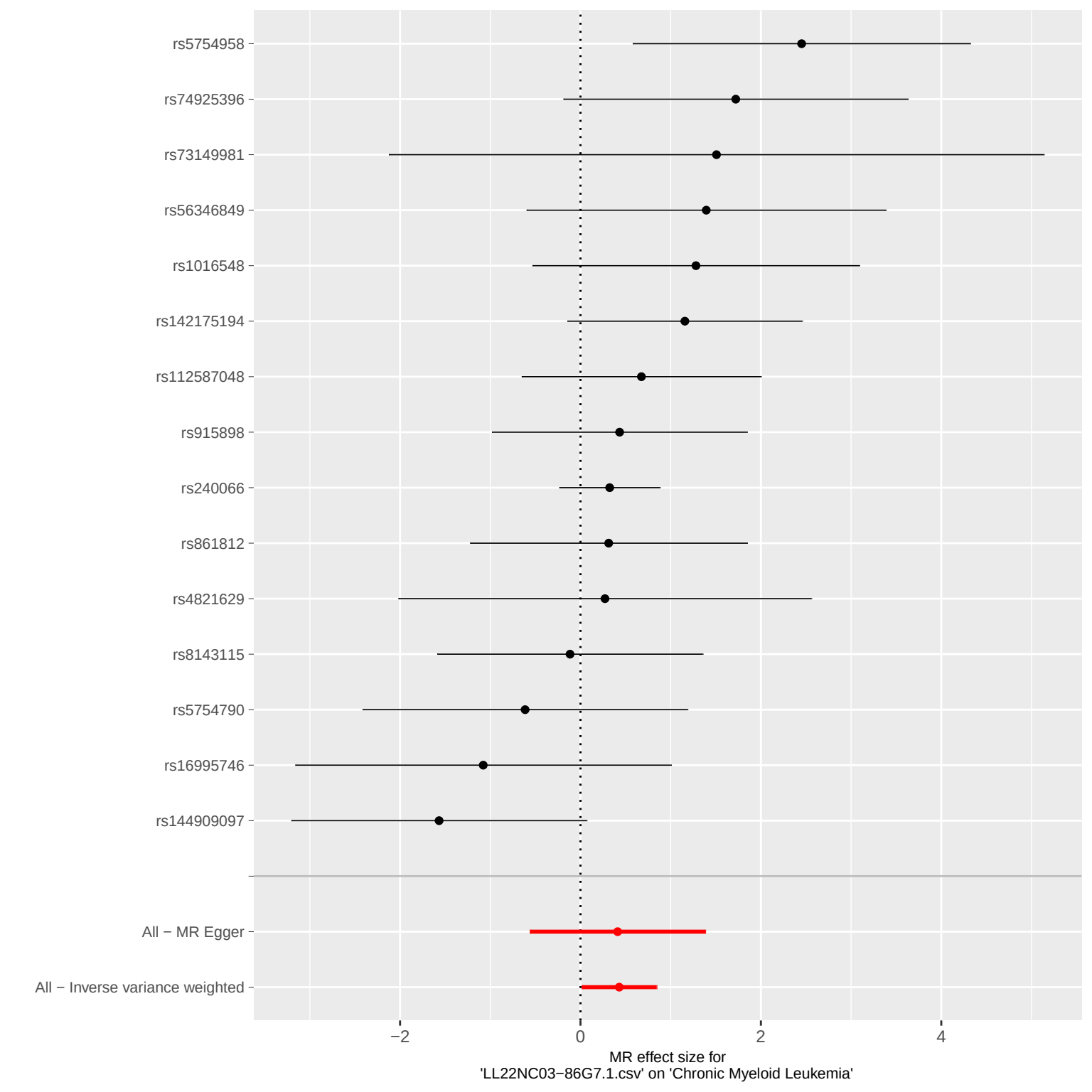
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rs5754790
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rs144909097
All − MR Egger
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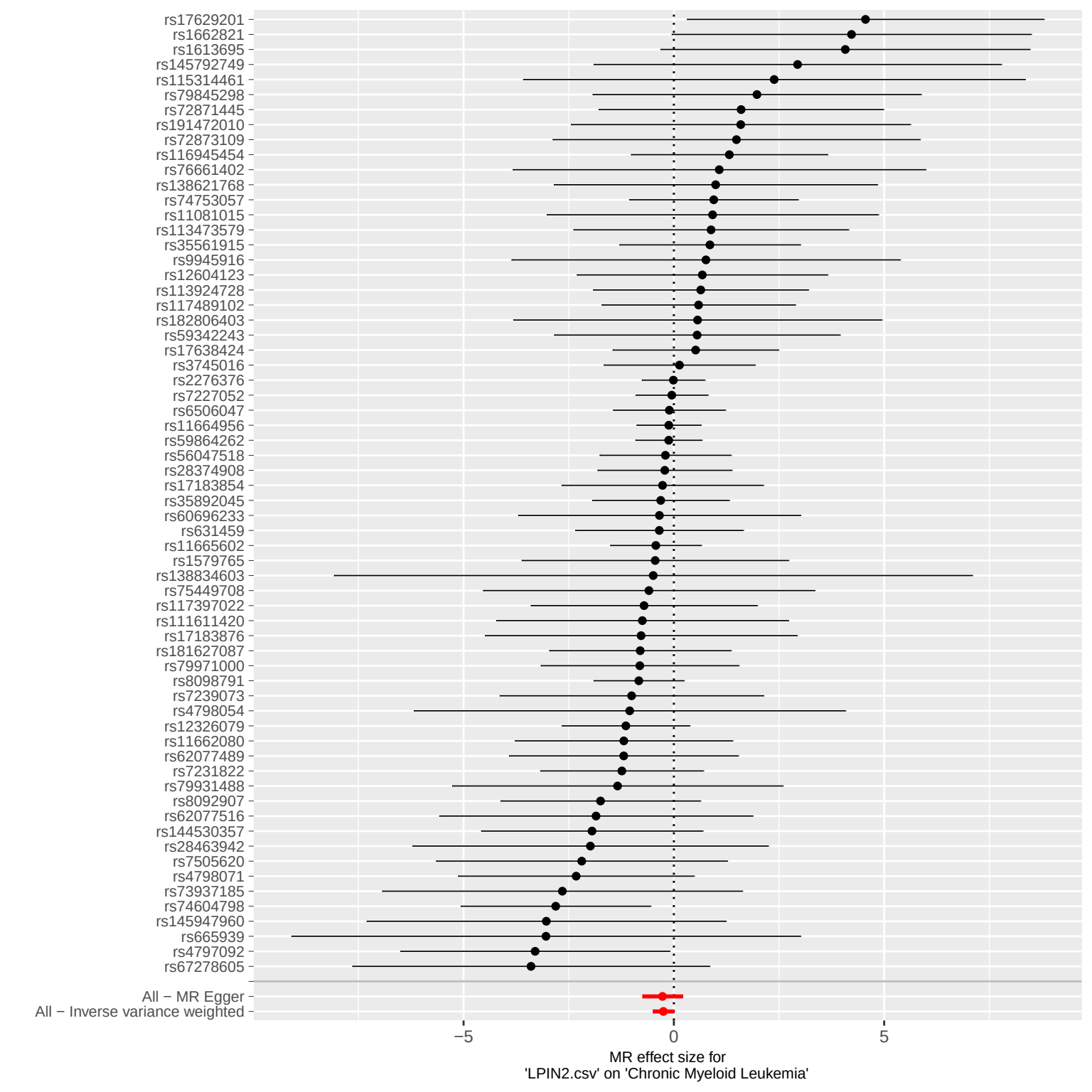
MR effect size for
'LL22NC03−86G7.1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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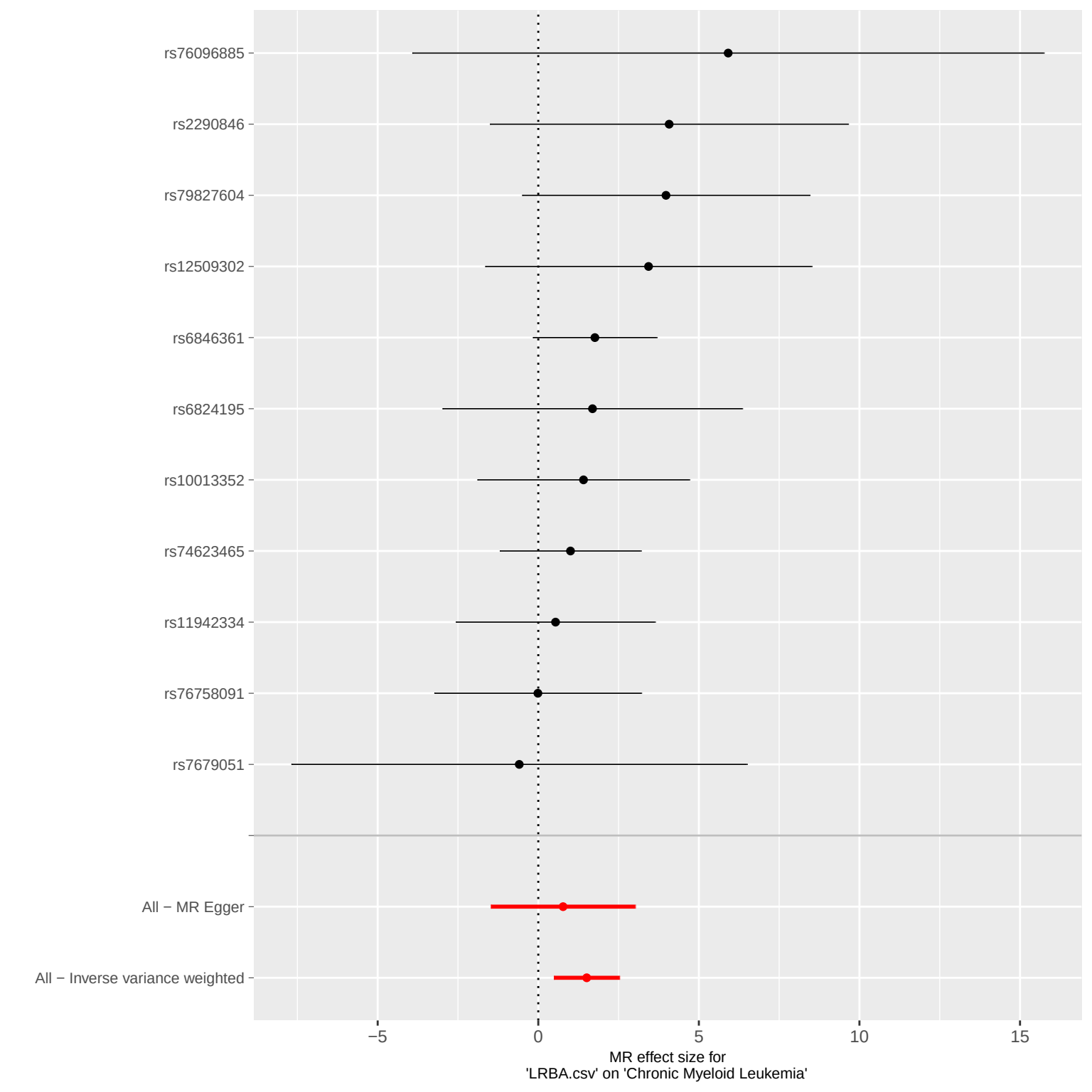
MR effect size for
'LPIN2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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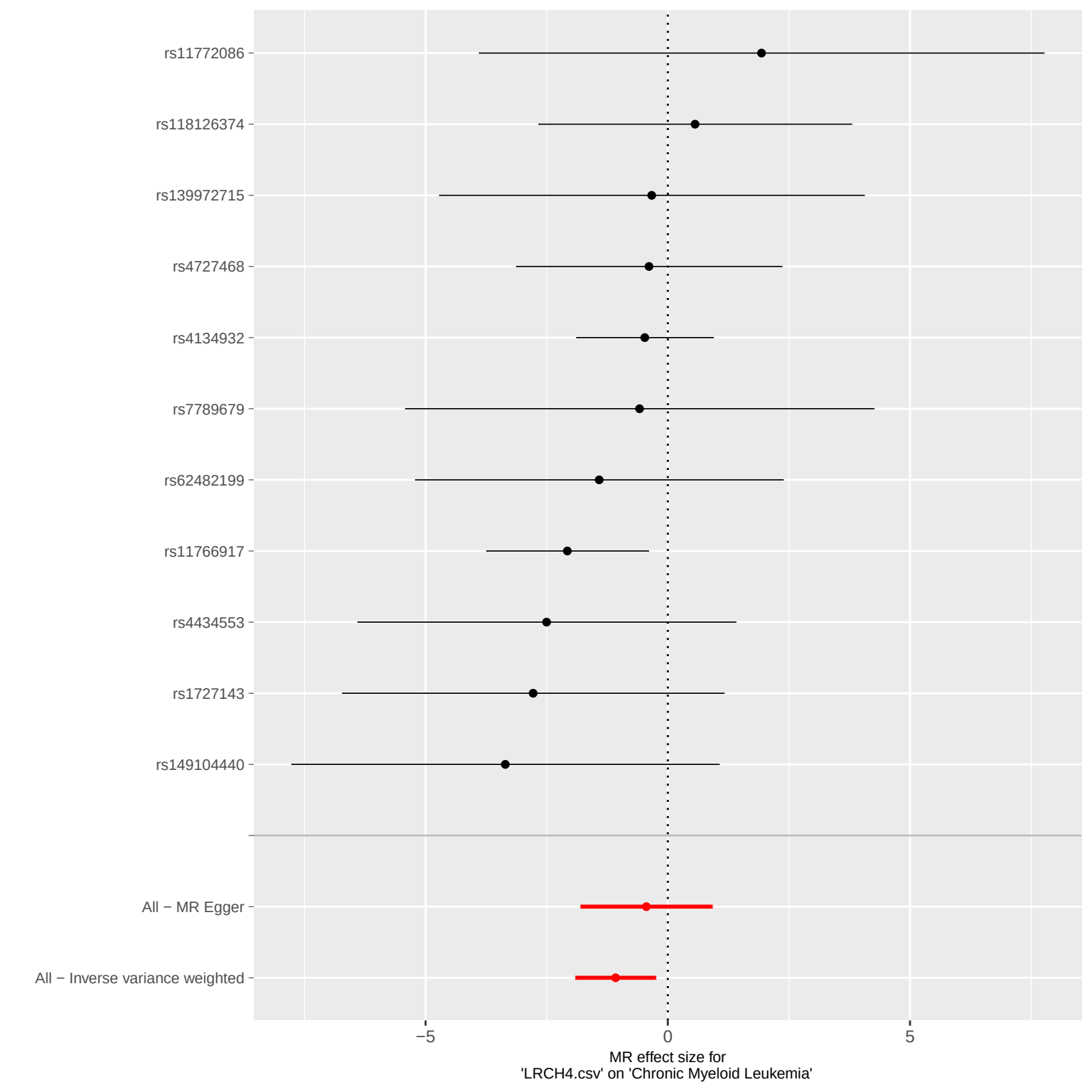
MR effect size for
'LRBA.csv' on 'Chronic Myeloid Leukemia'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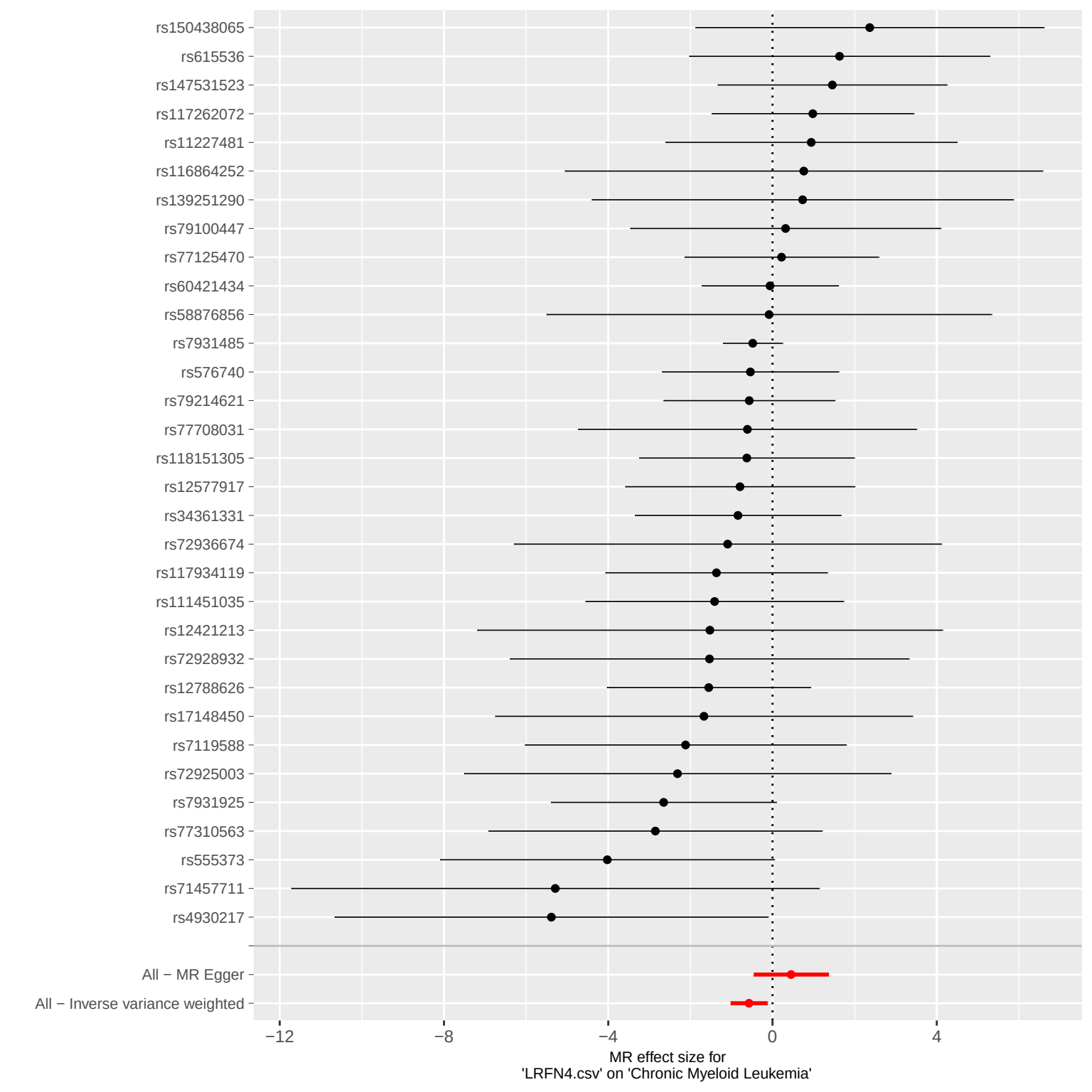
rs149104440
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'LRCH4.csv' on 'Chronic Myeloid Leukemia'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rs71457711
rs4930217
All − MR Egger
All − Inverse variance weighted
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−4
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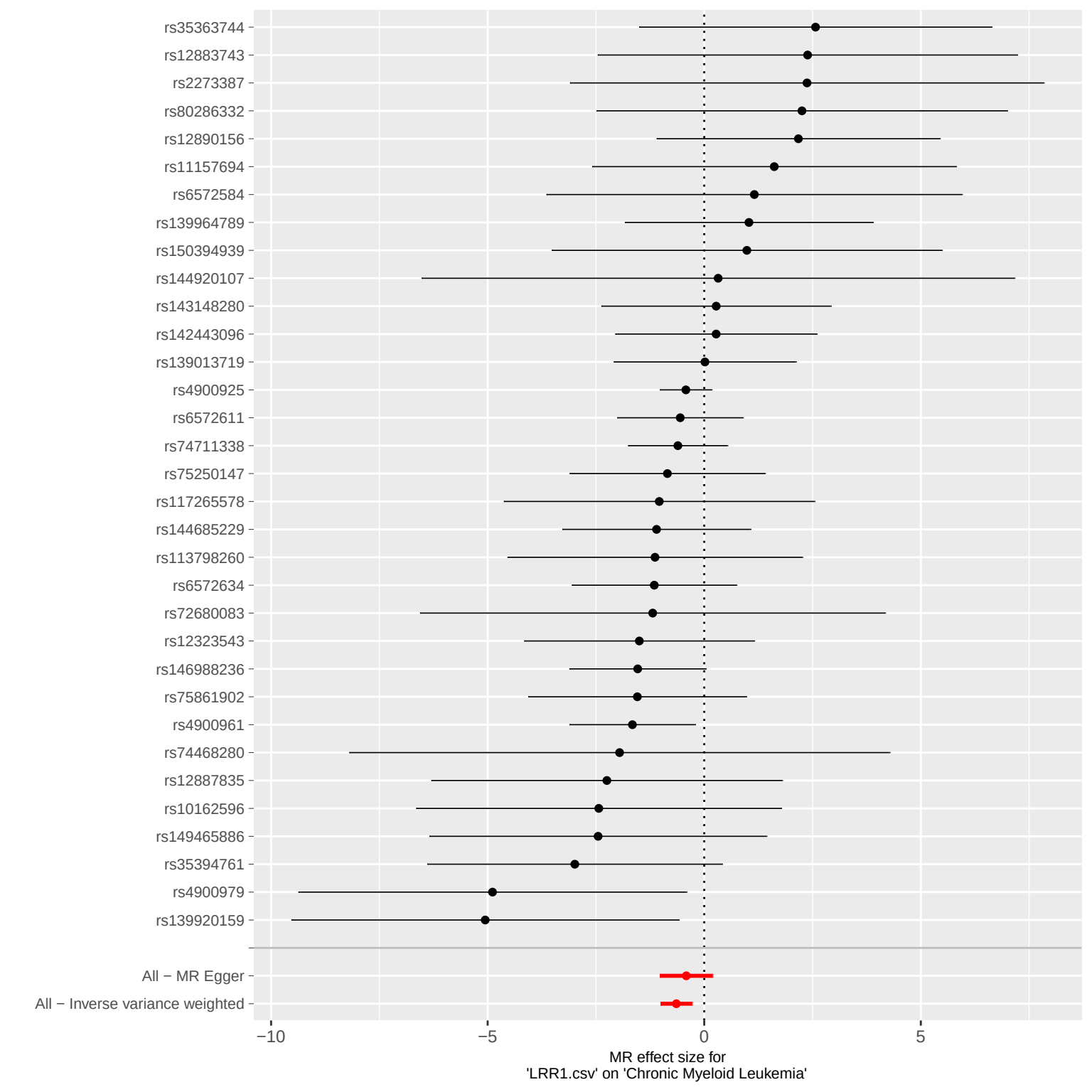
MR effect size for
'LRFN4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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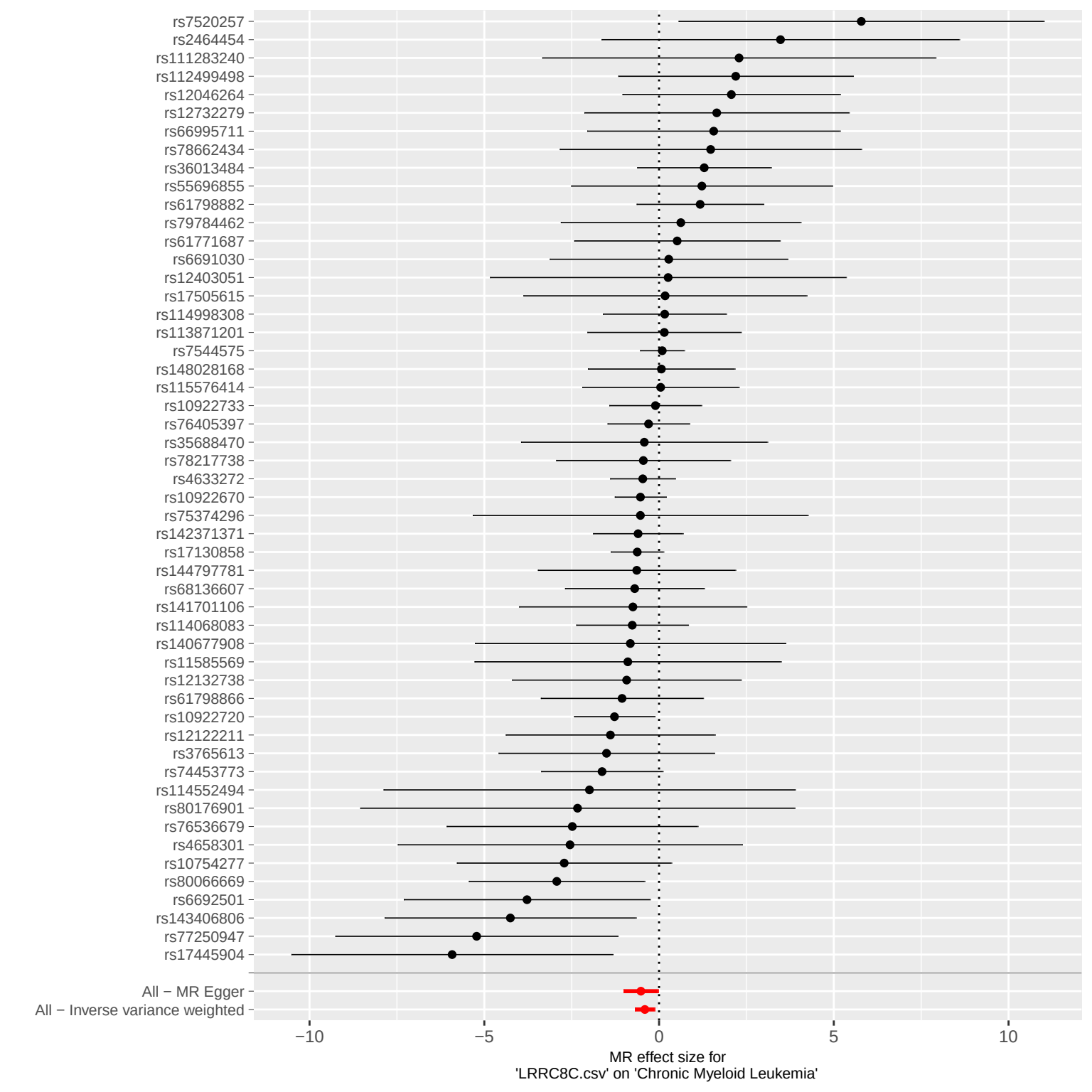
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rs6692501
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rs77250947
rs17445904
All − MR Egger
All − Inverse variance weighted
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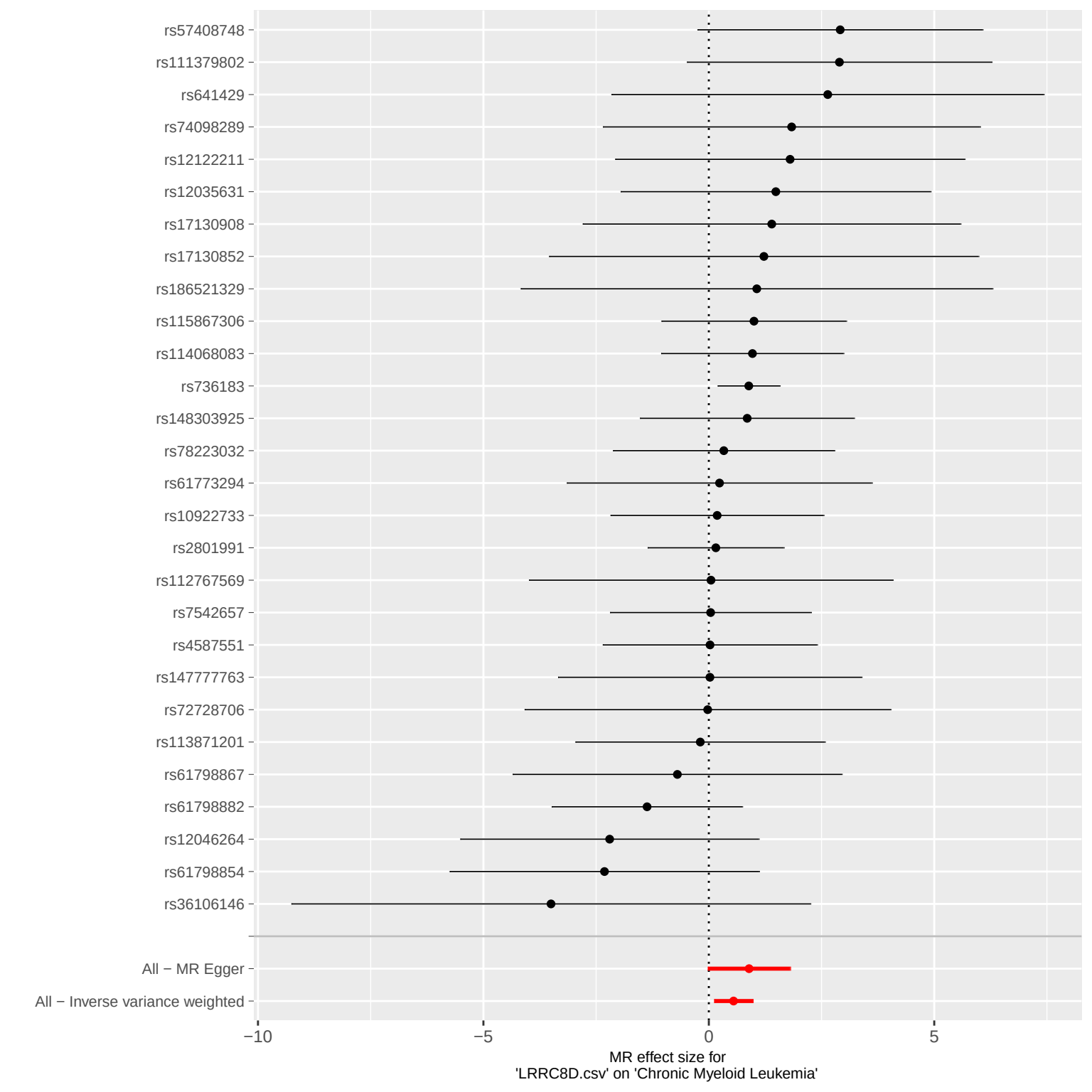
MR effect size for
'LRRC8C.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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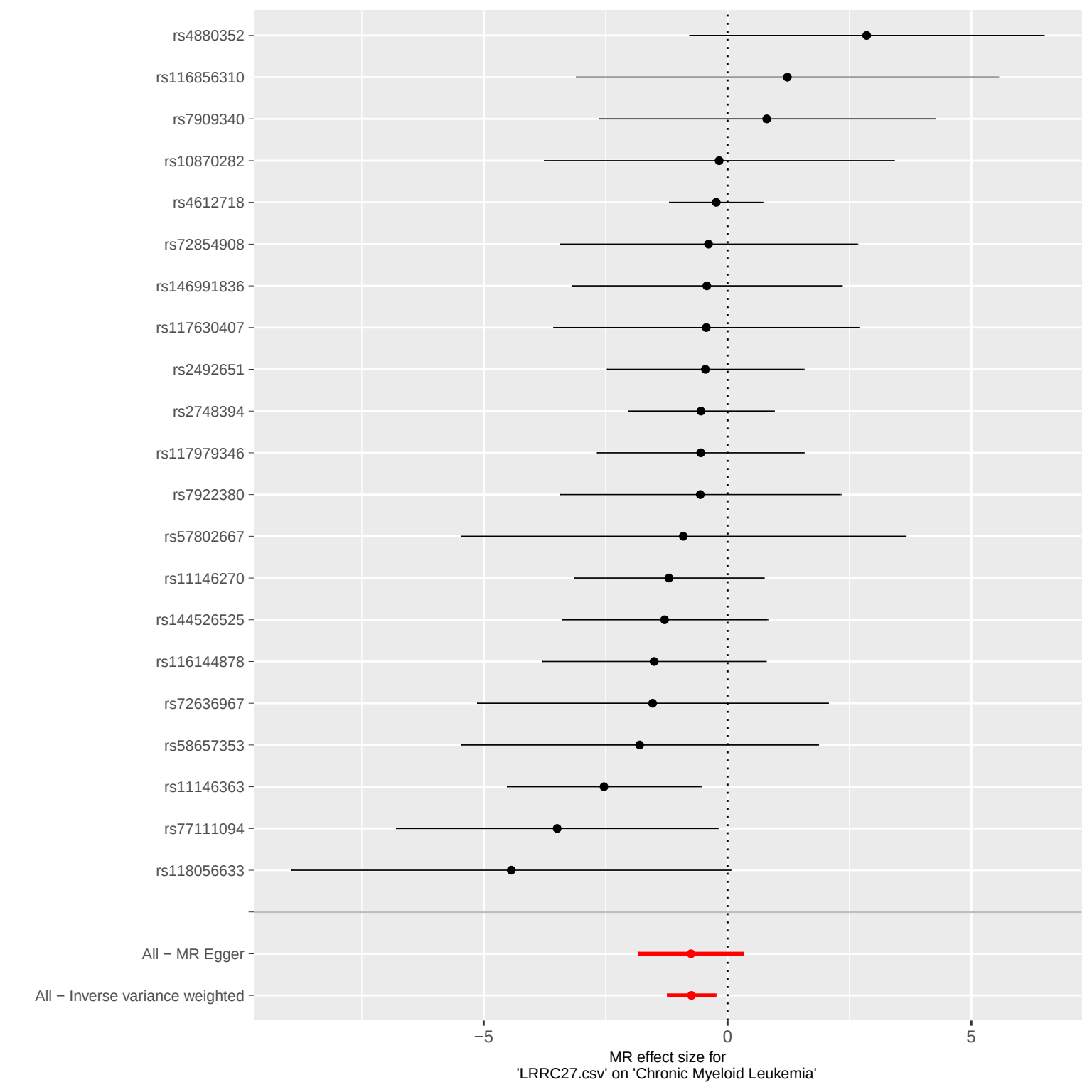
5
MR effect size for
'LRRC8D.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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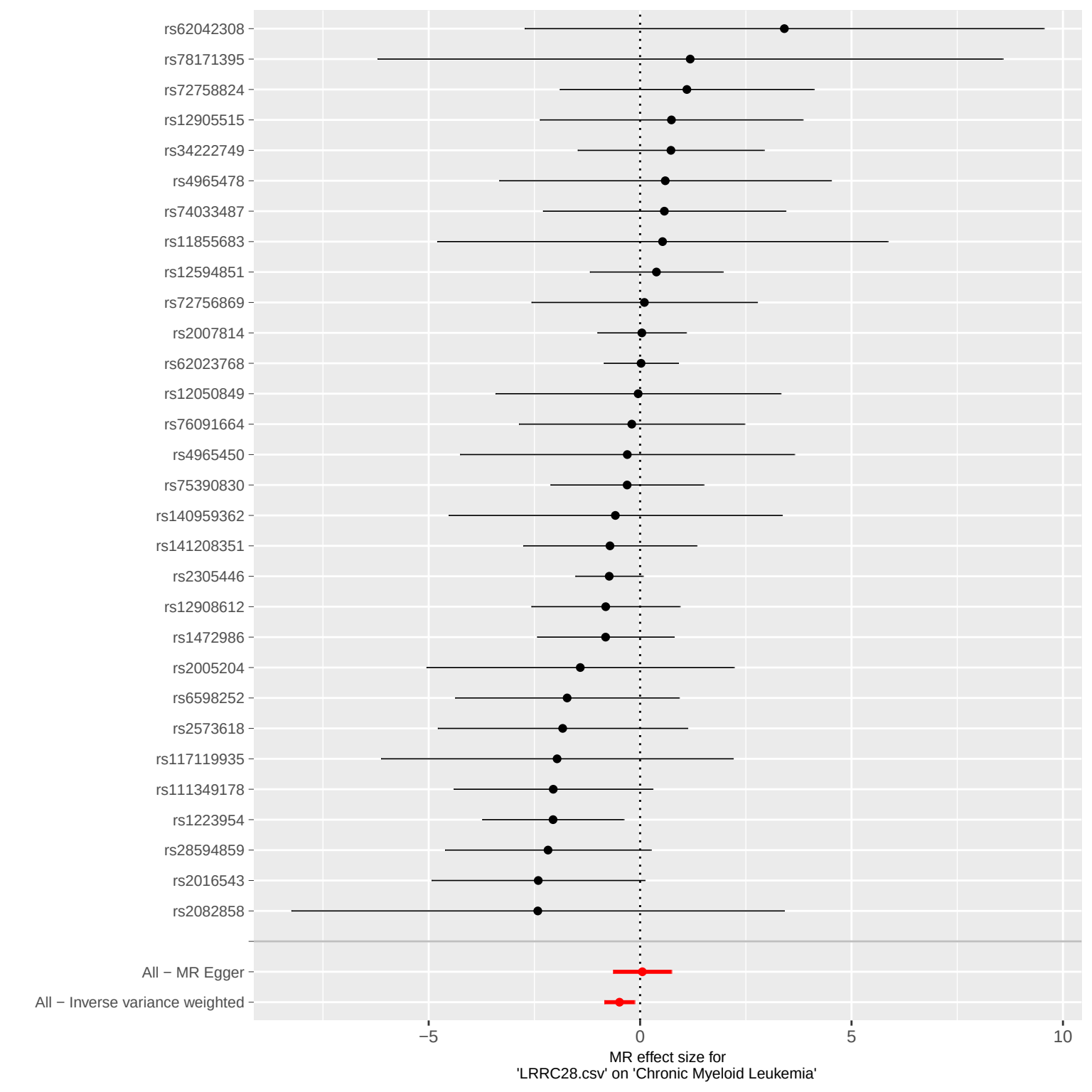
MR effect size for
'LRRC27.csv' on 'Chronic Myeloid Leukemia'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rs1472986
rs2005204
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rs111349178
rs1223954
rs28594859
rs2016543
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All − MR Egger
All − Inverse variance weighted
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0
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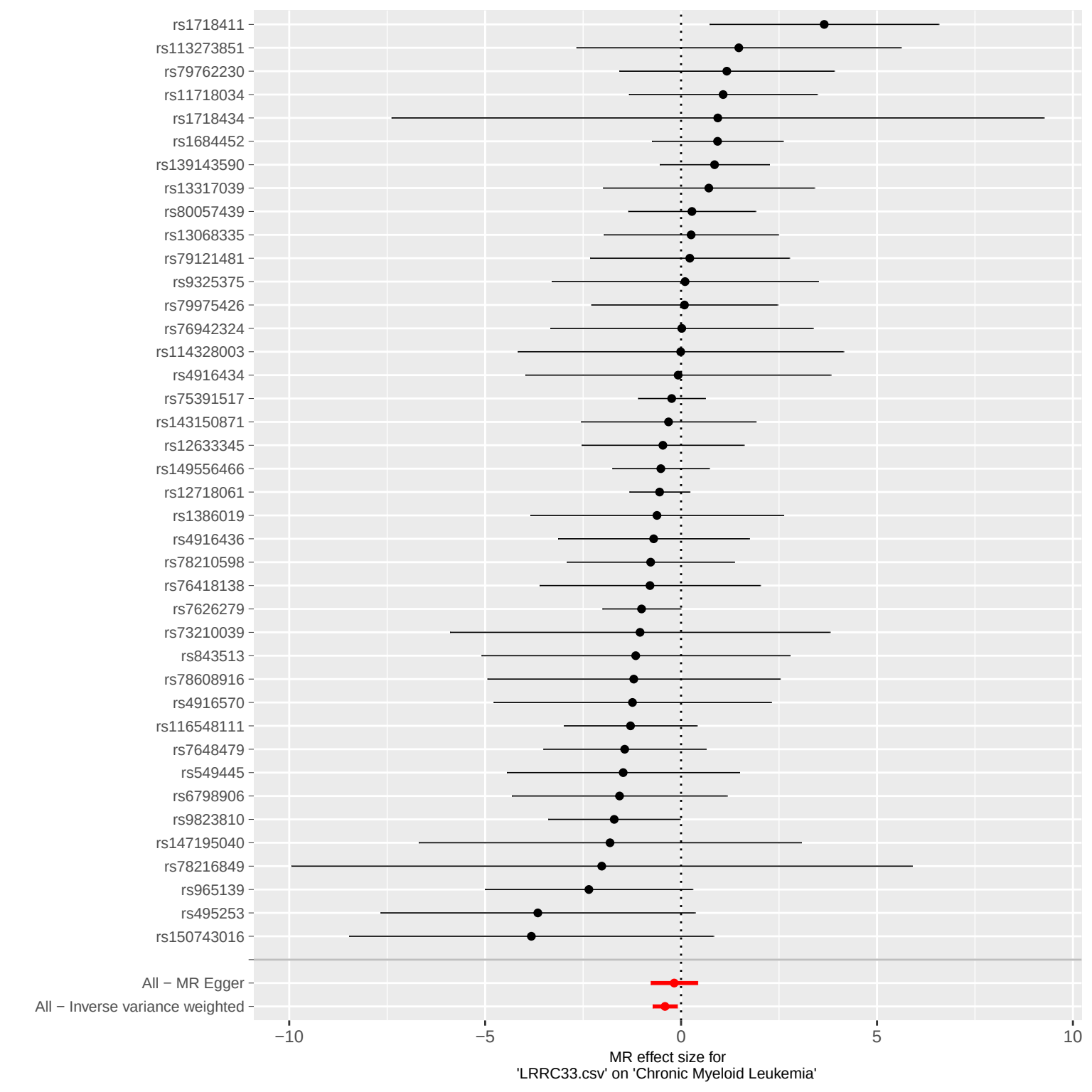
MR effect size for
'LRRC28.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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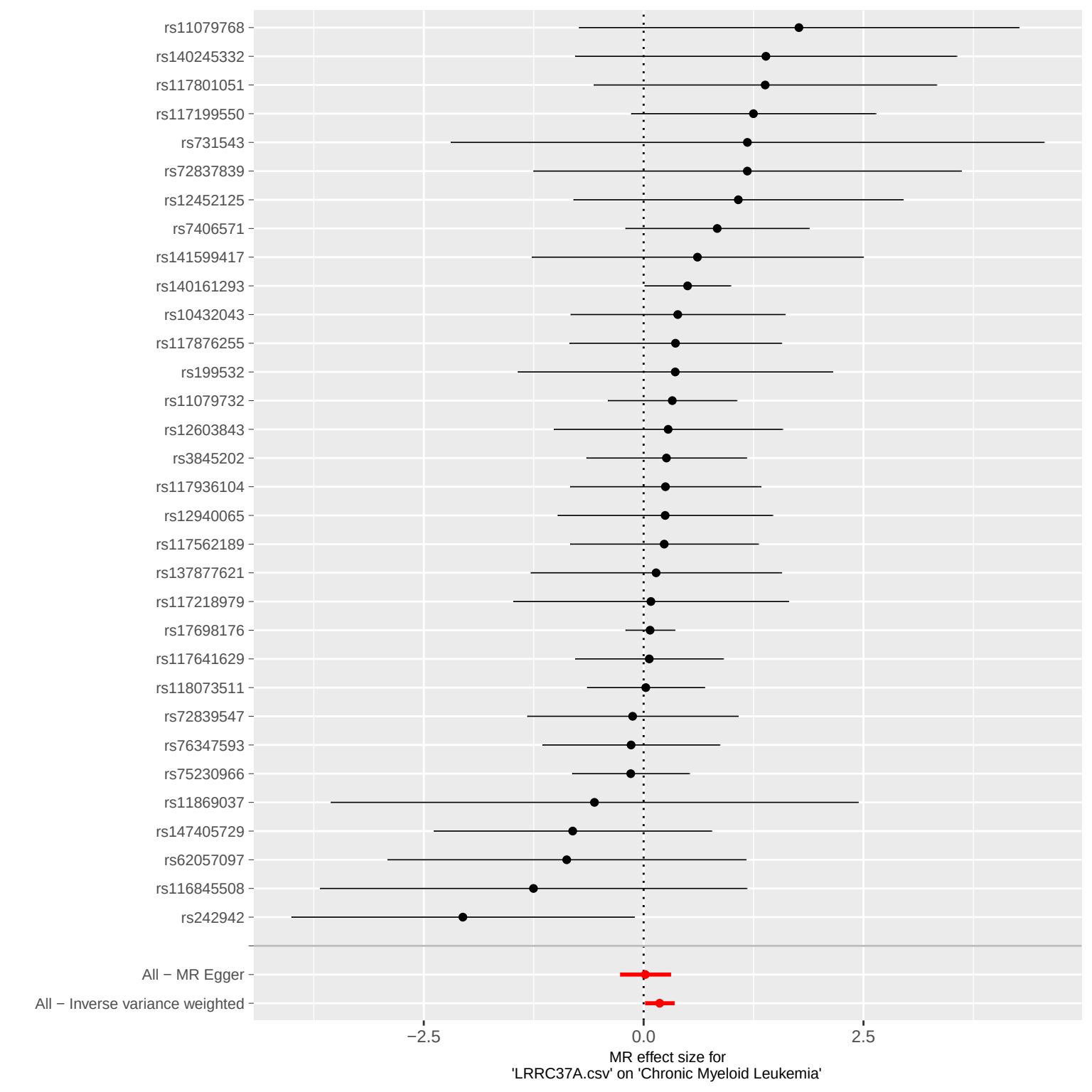
MR effect size for
'LRRC33.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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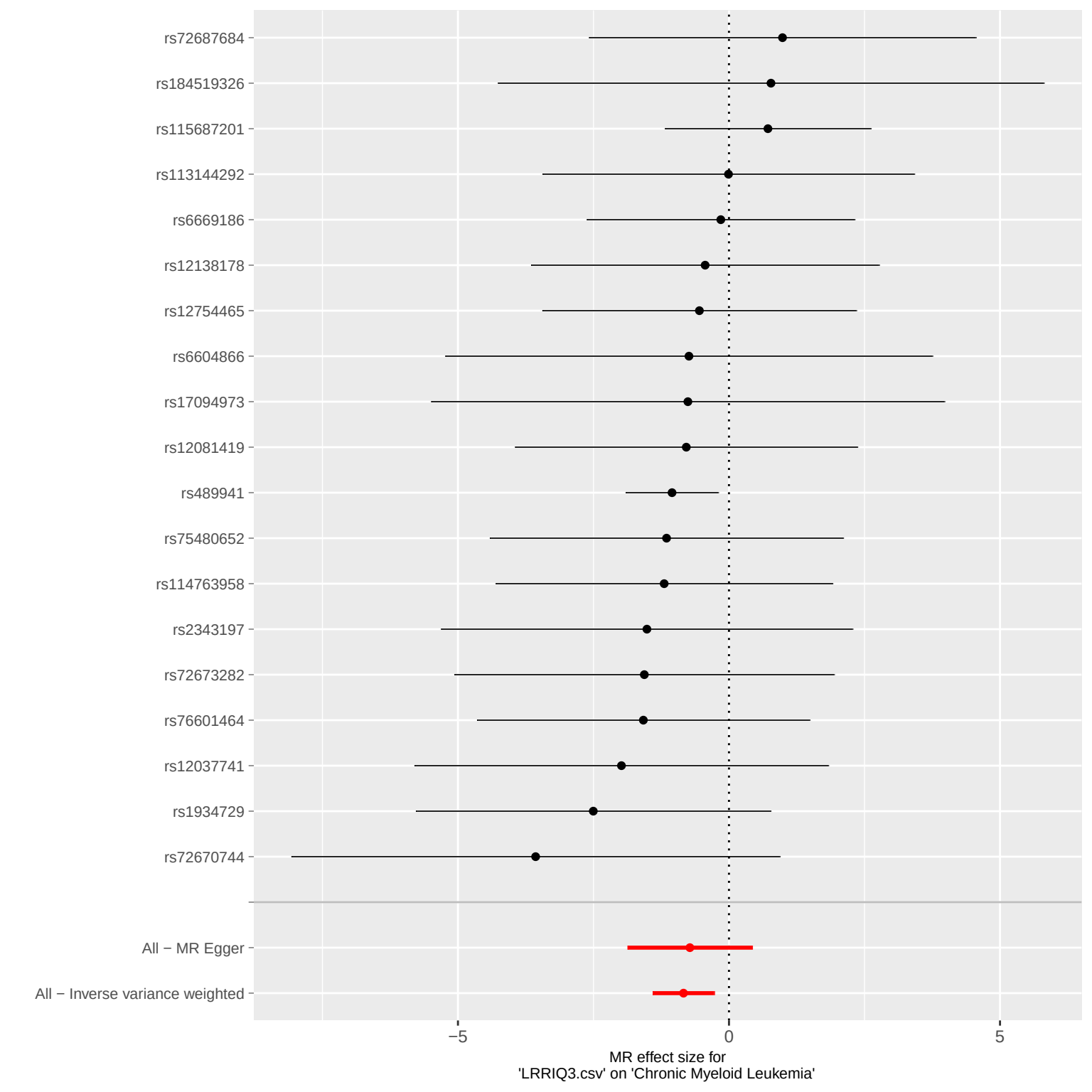
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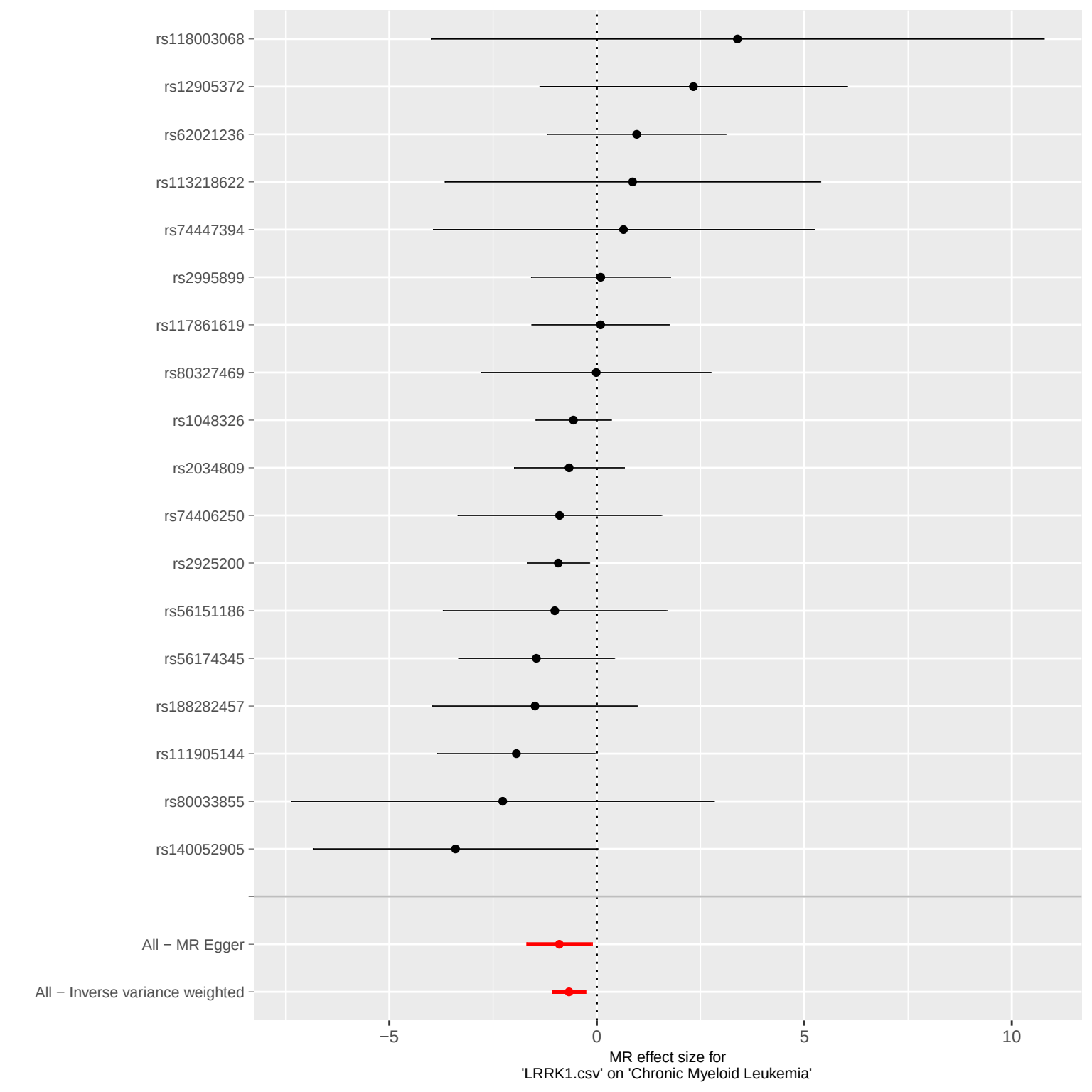
MR effect size for
'LRRIQ3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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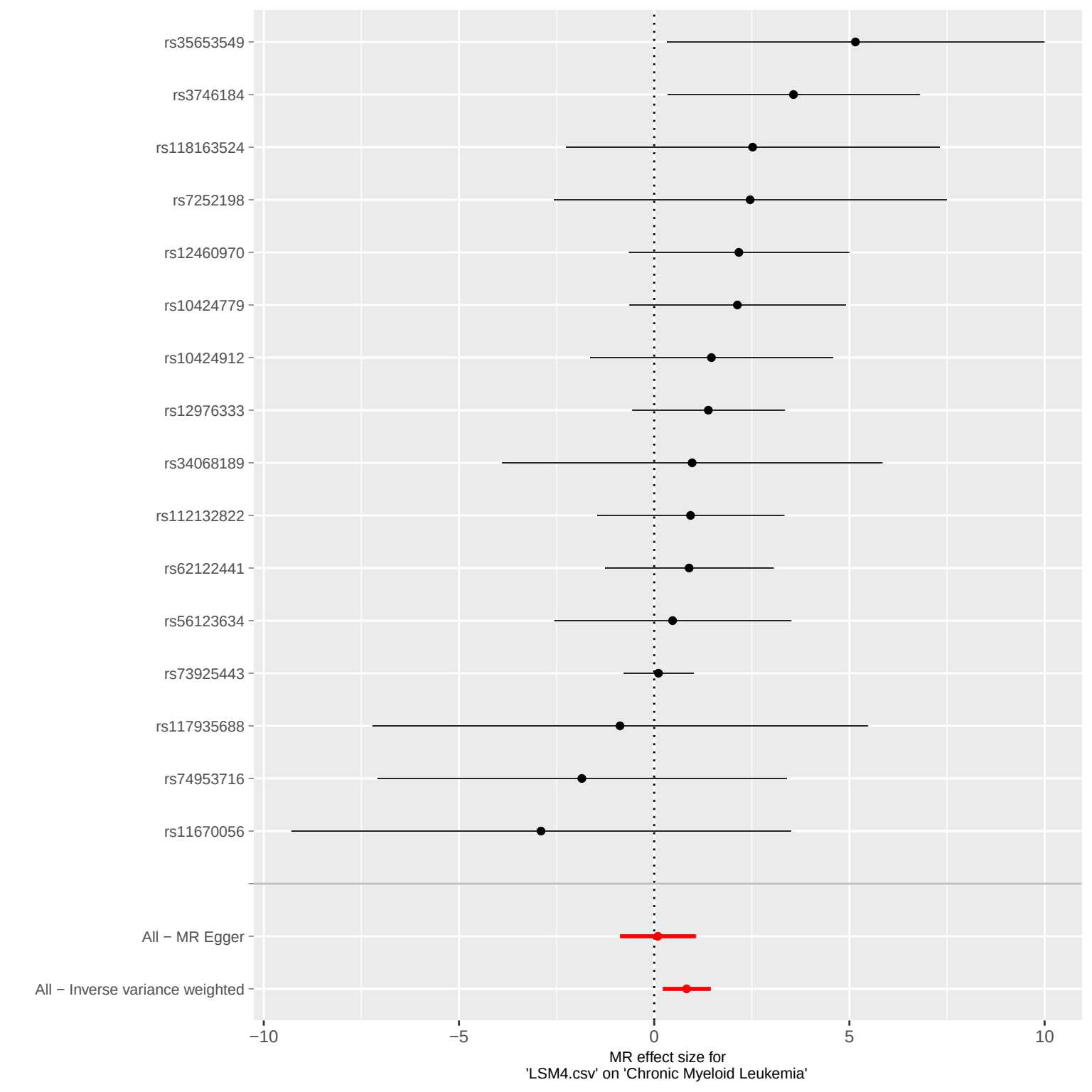
MR effect size for
'LRRK1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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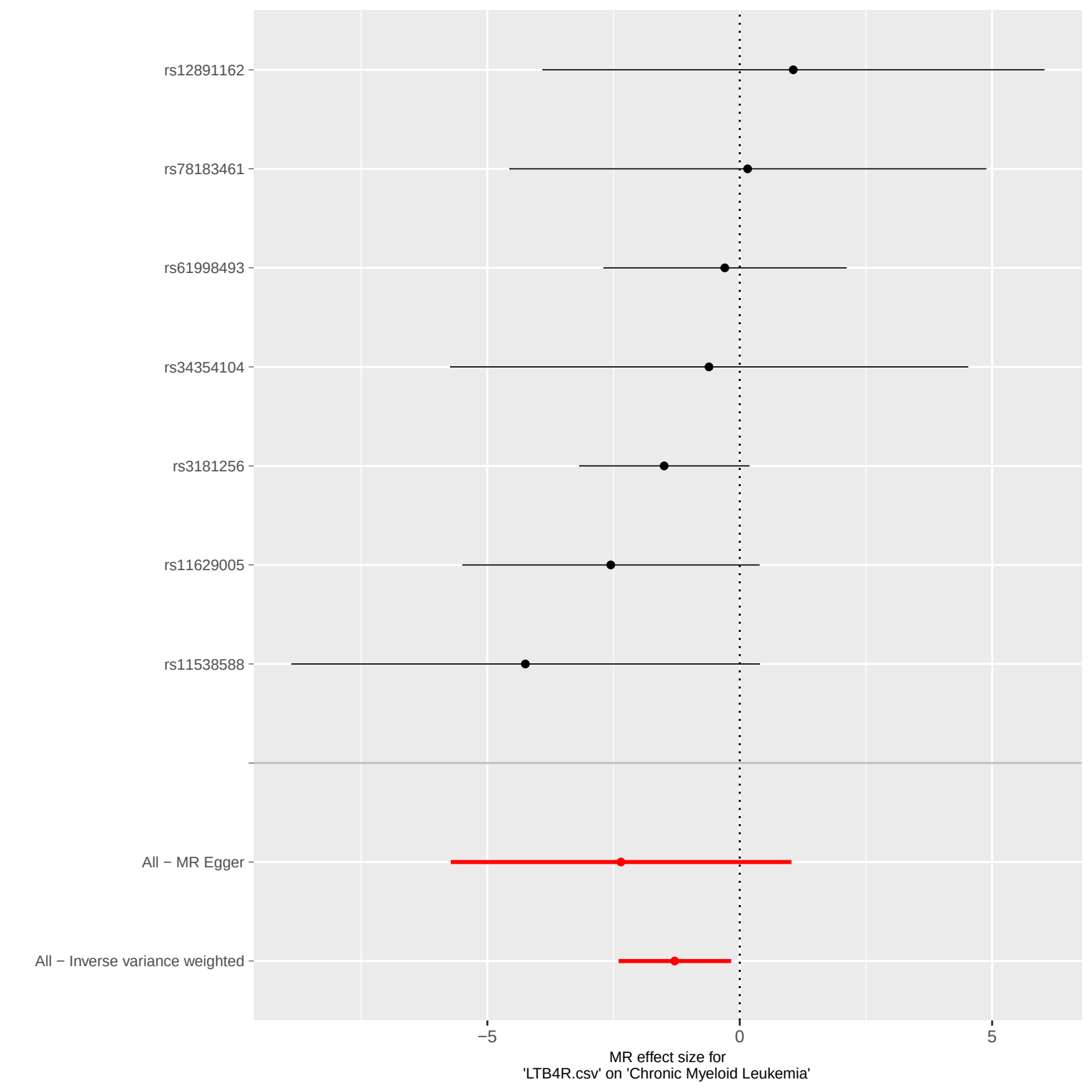
MR effect size for
'LSM4.csv' on 'Chronic Myeloid Leukemia'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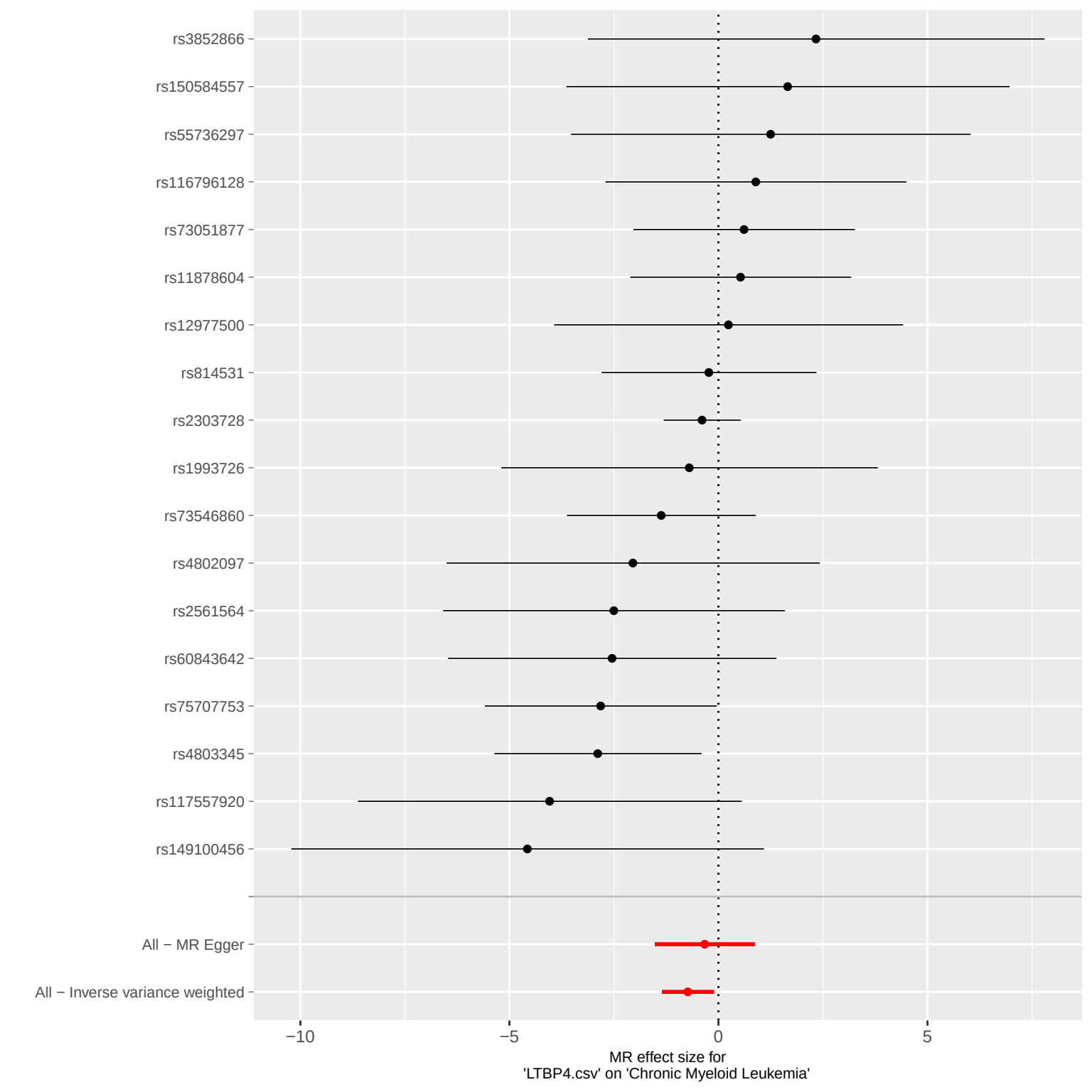
MR effect size for
'LTB4R.csv' on 'Chronic Myeloid Leukemia'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rs4803345
rs117557920
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All − MR Egger
All − Inverse variance weighted
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−5
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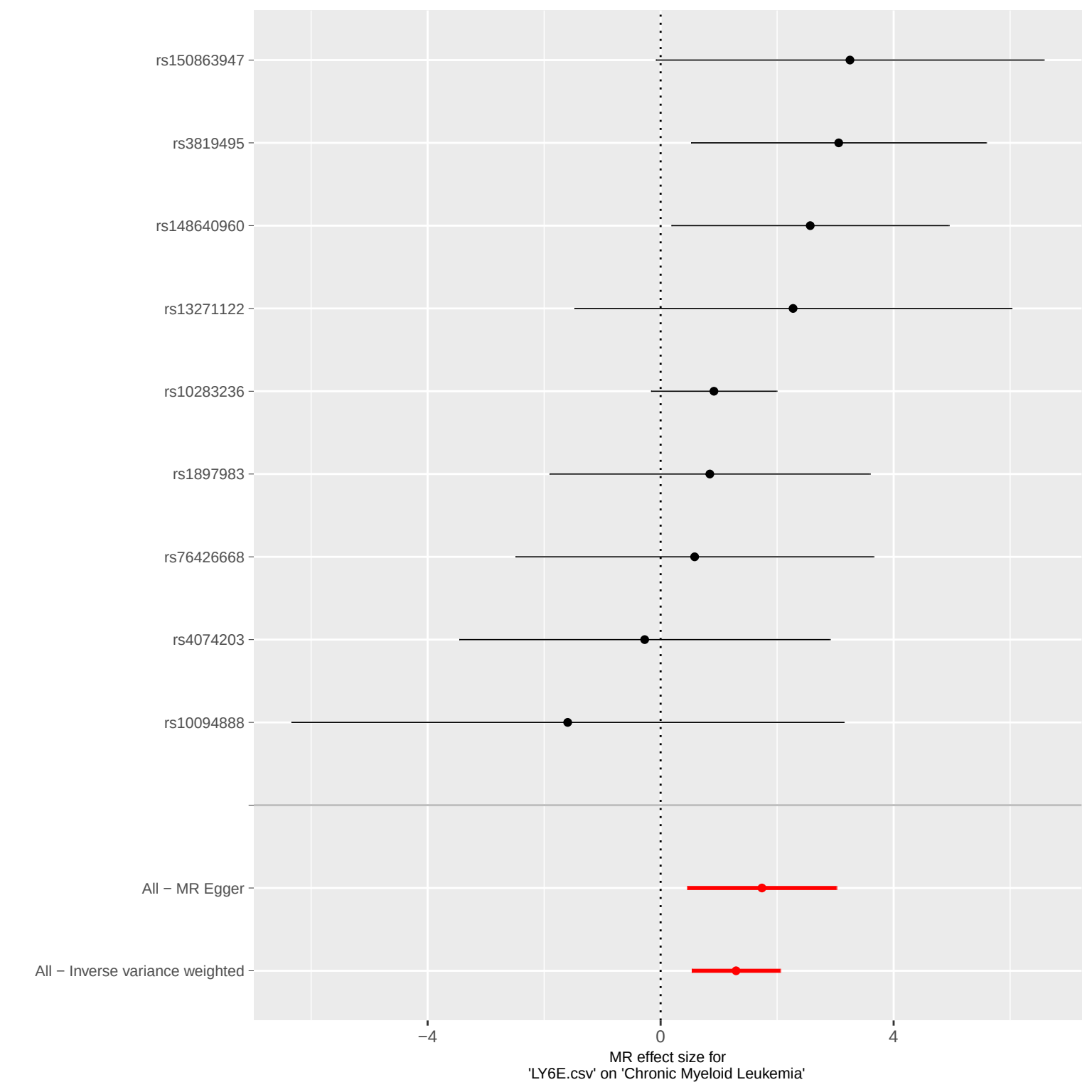
MR effect size for
'LTBP4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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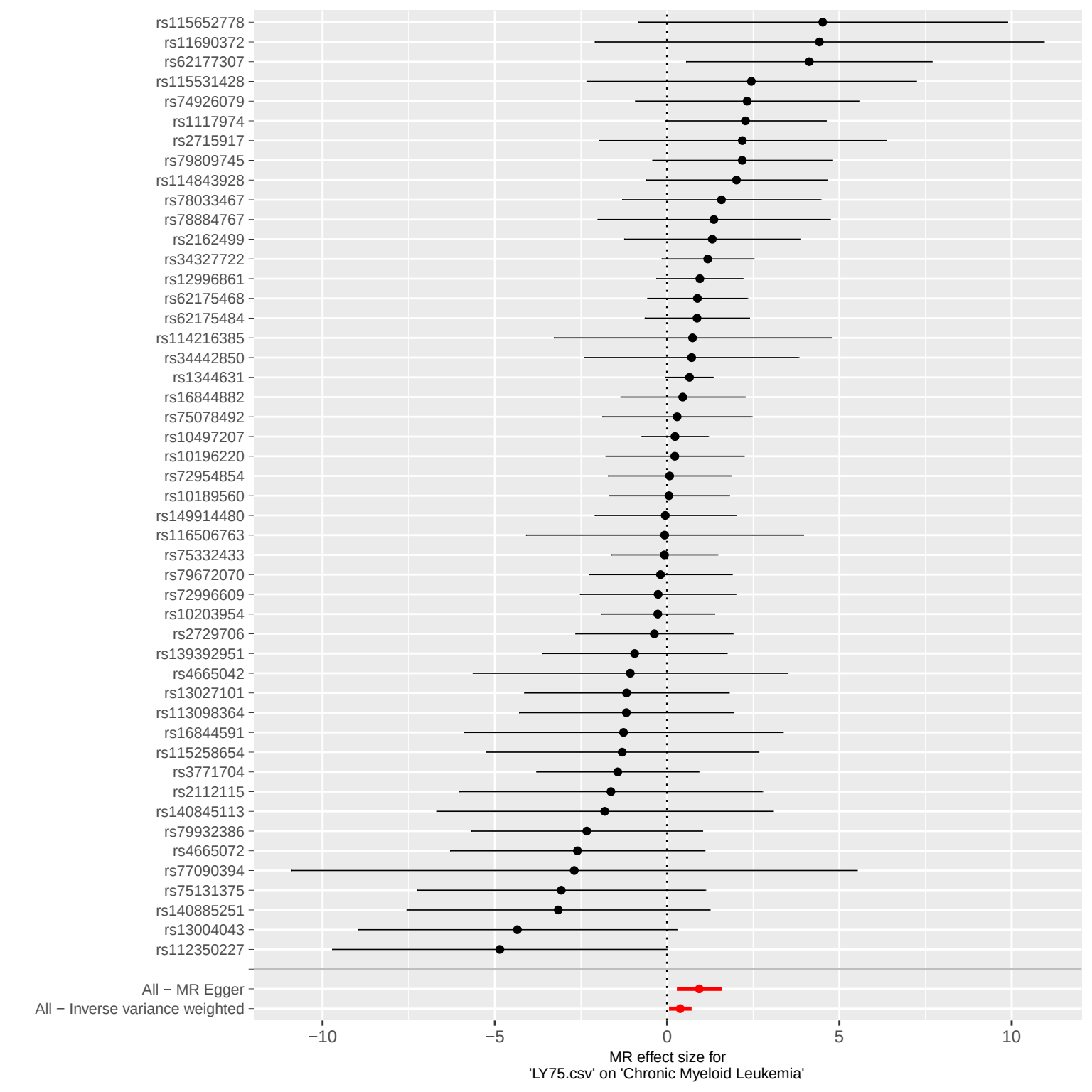
MR effect size for
'LY6E.csv' on 'Chronic Myeloid Leukemia'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rs112350227
All − MR Egger
All − Inverse variance weighted
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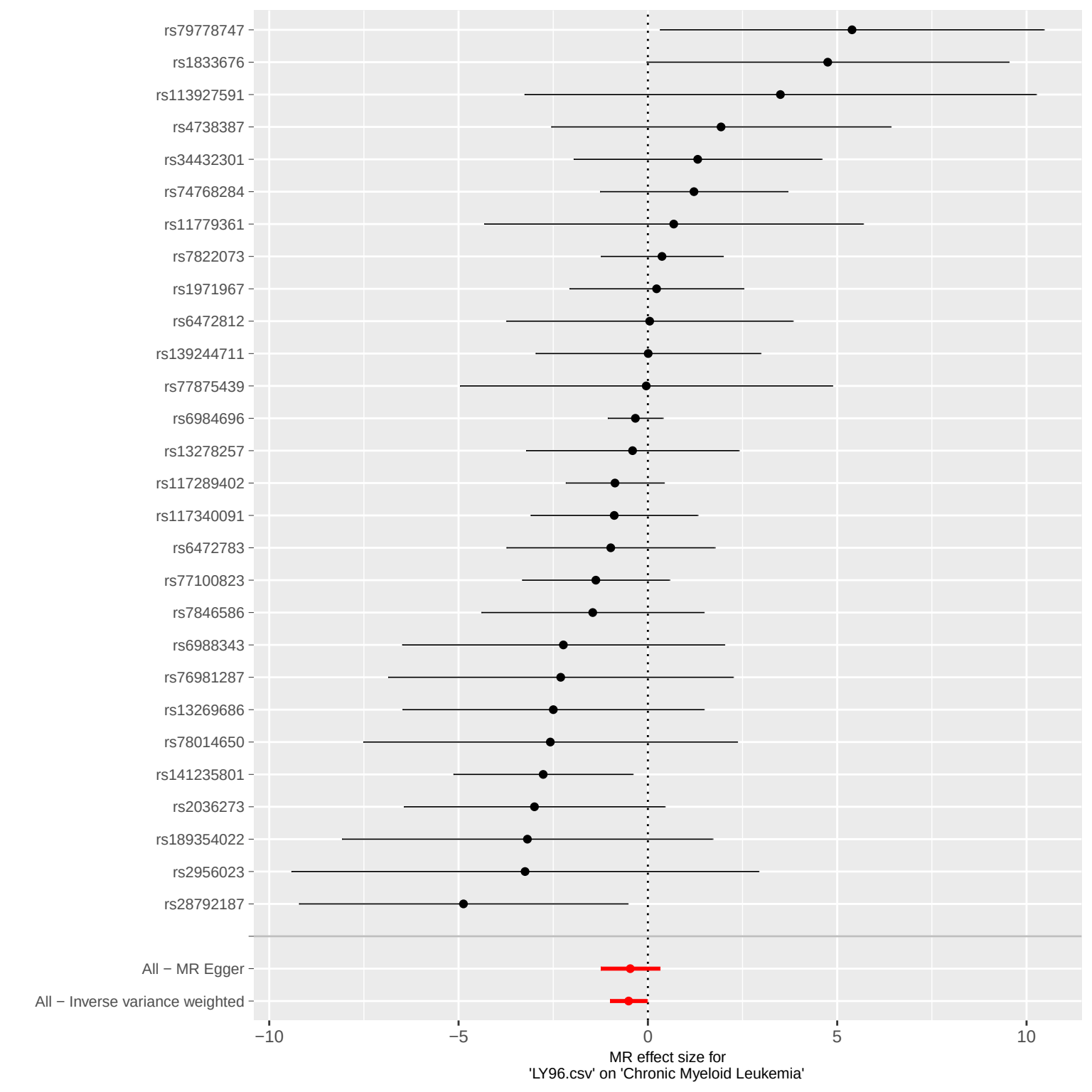
MR effect size for
'LY75.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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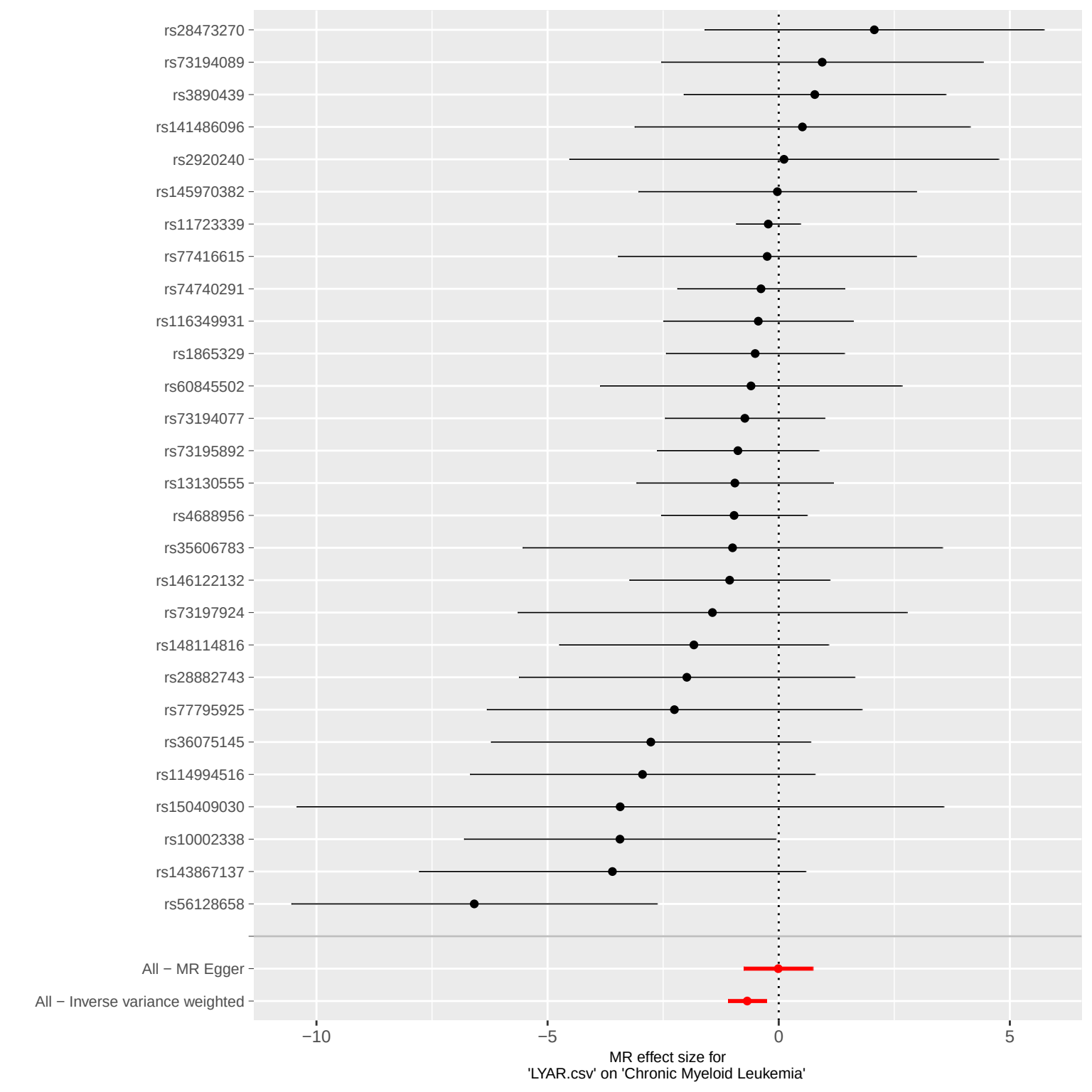
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All − MR Egger
All − Inverse variance weighted
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0
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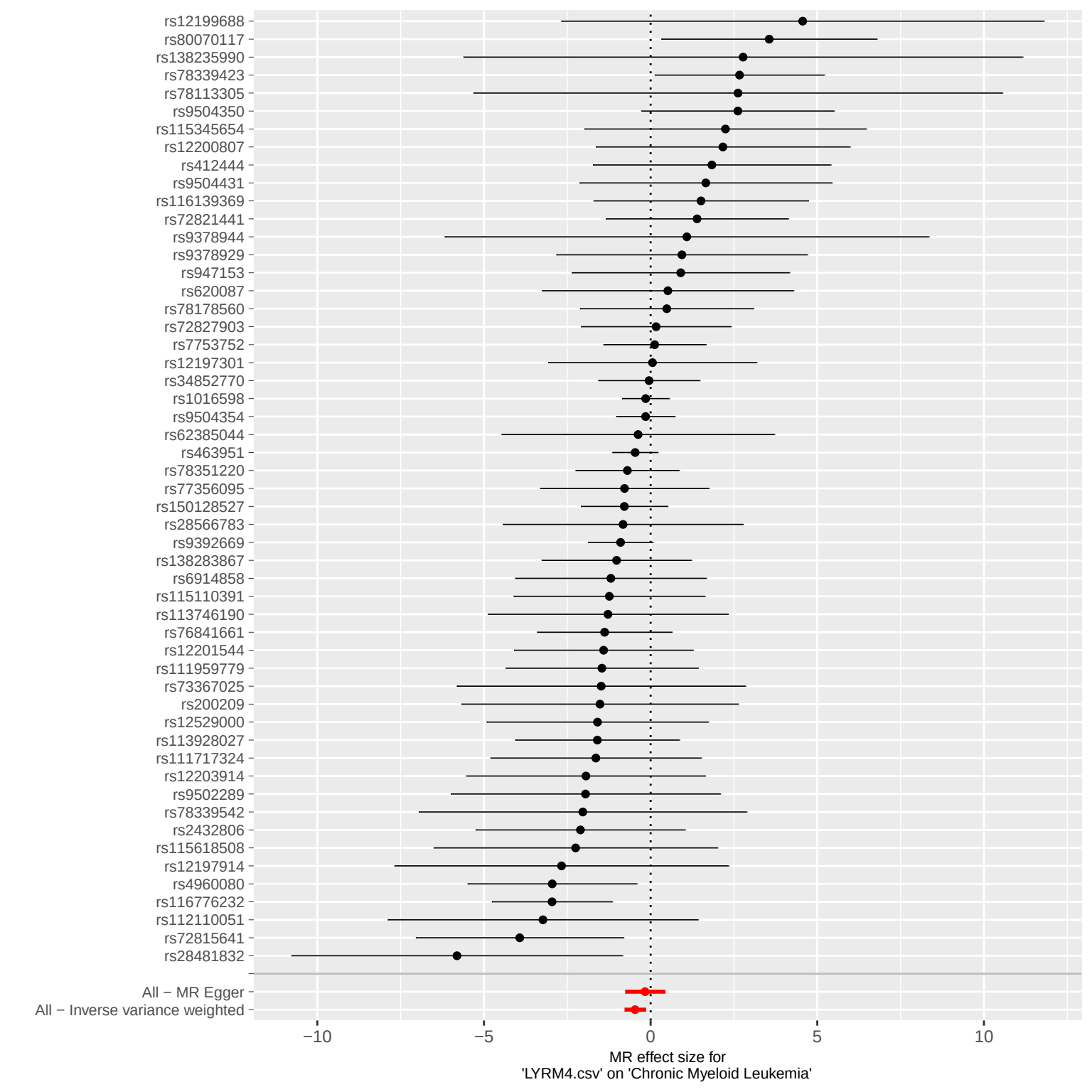
MR effect size for
'LYAR.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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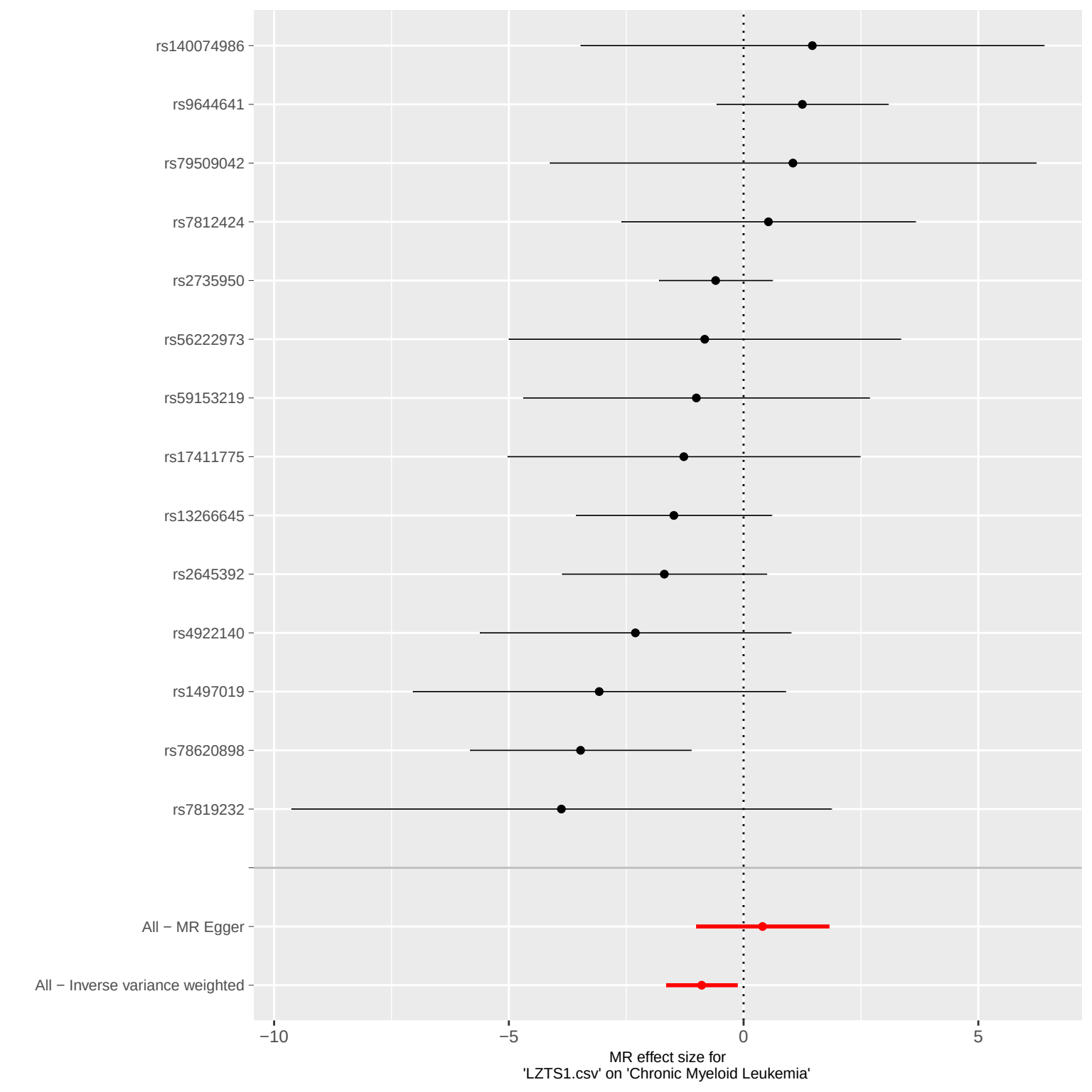
MR effect size for
'LYRM4.csv' on 'Chronic Myeloid Leukemia'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rs1497019
rs78620898
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All − MR Egger
All − Inverse variance weighted
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−5
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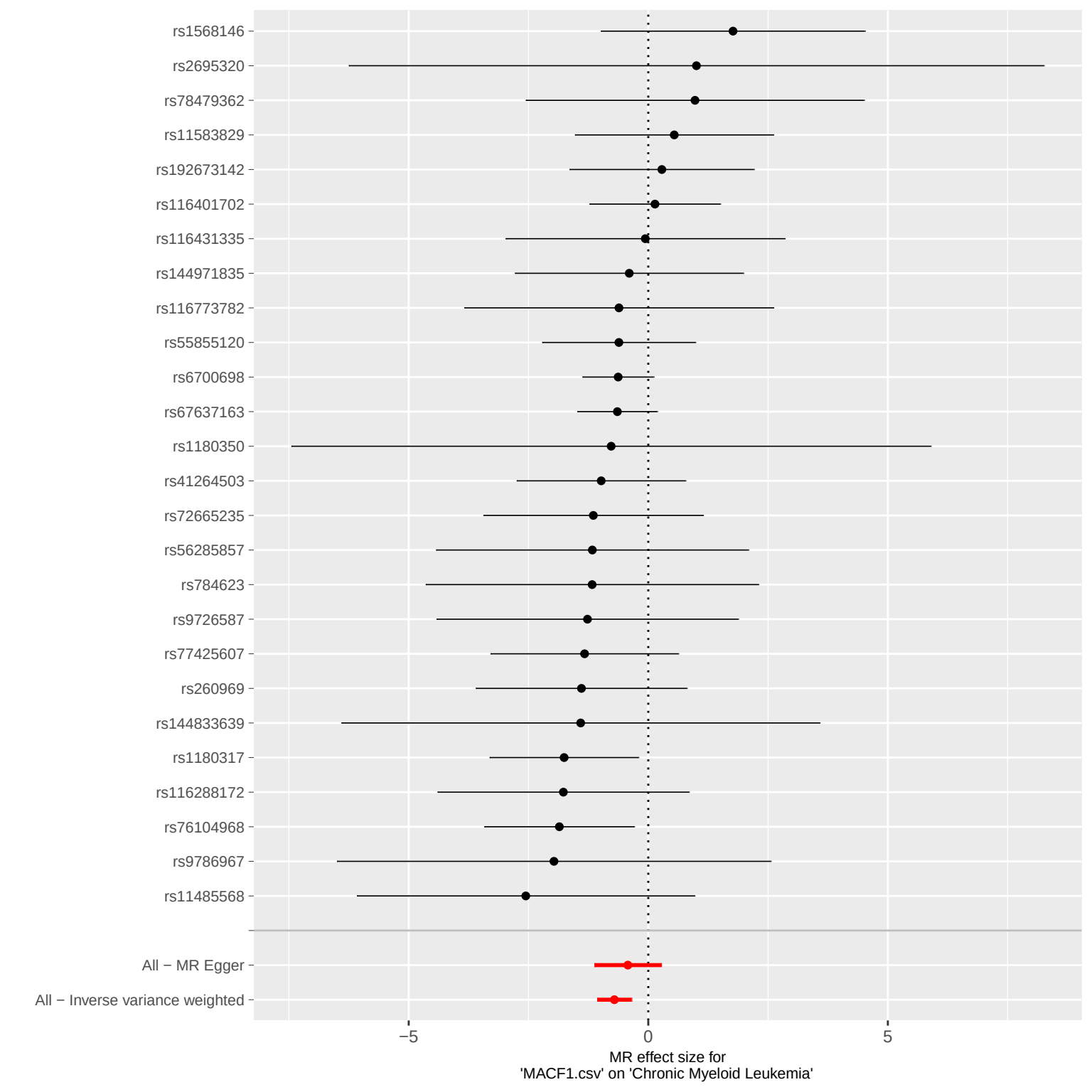
MR effect size for
'LZTS1.csv' on 'Chronic Myeloid Leukemia'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rs784623
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rs77425607
rs260969
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rs1180317
rs116288172
rs76104968
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All − MR Egger
All − Inverse variance weighted
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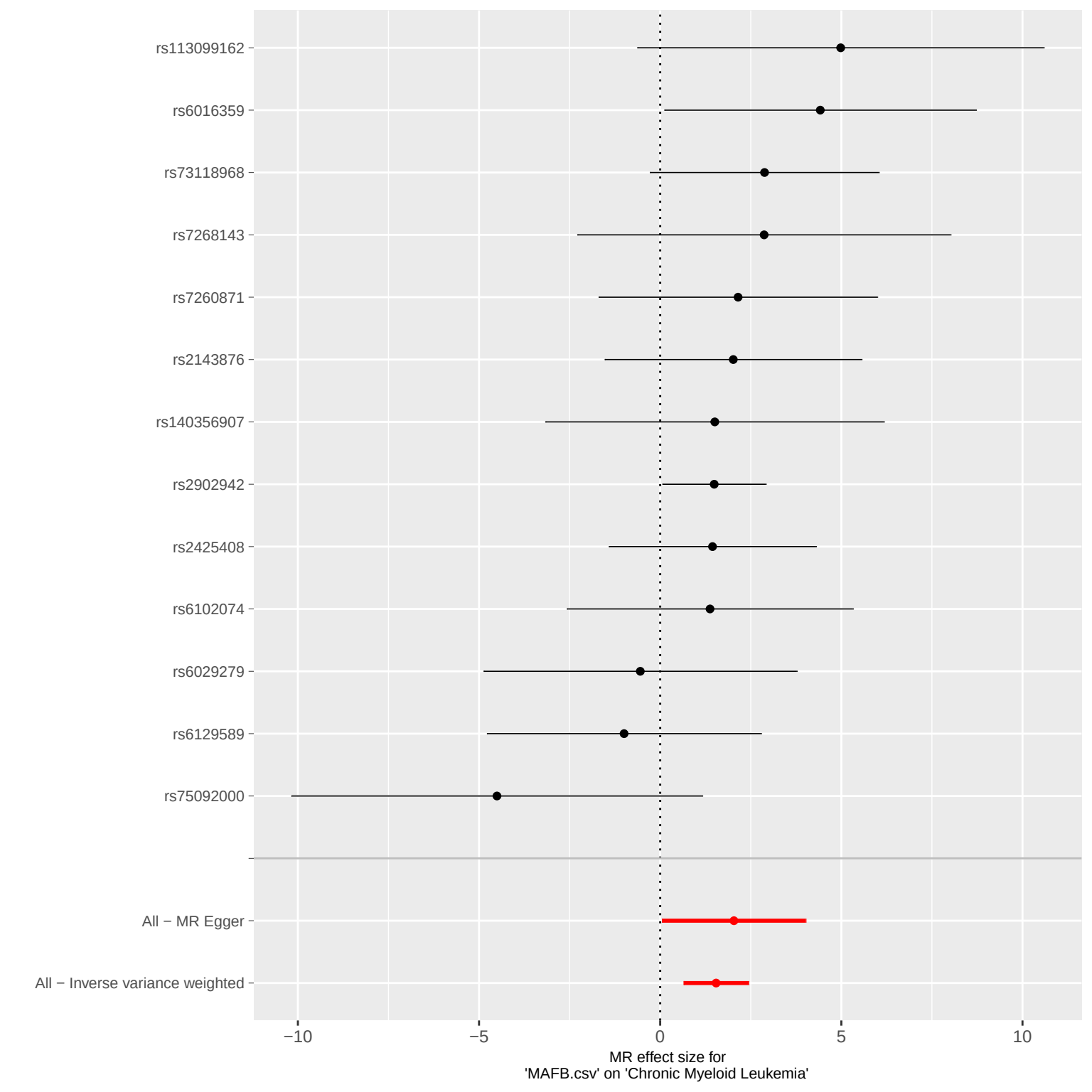
MR effect size for
'MACF1.csv' on 'Chronic Myeloid Leukemia'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rs6129589
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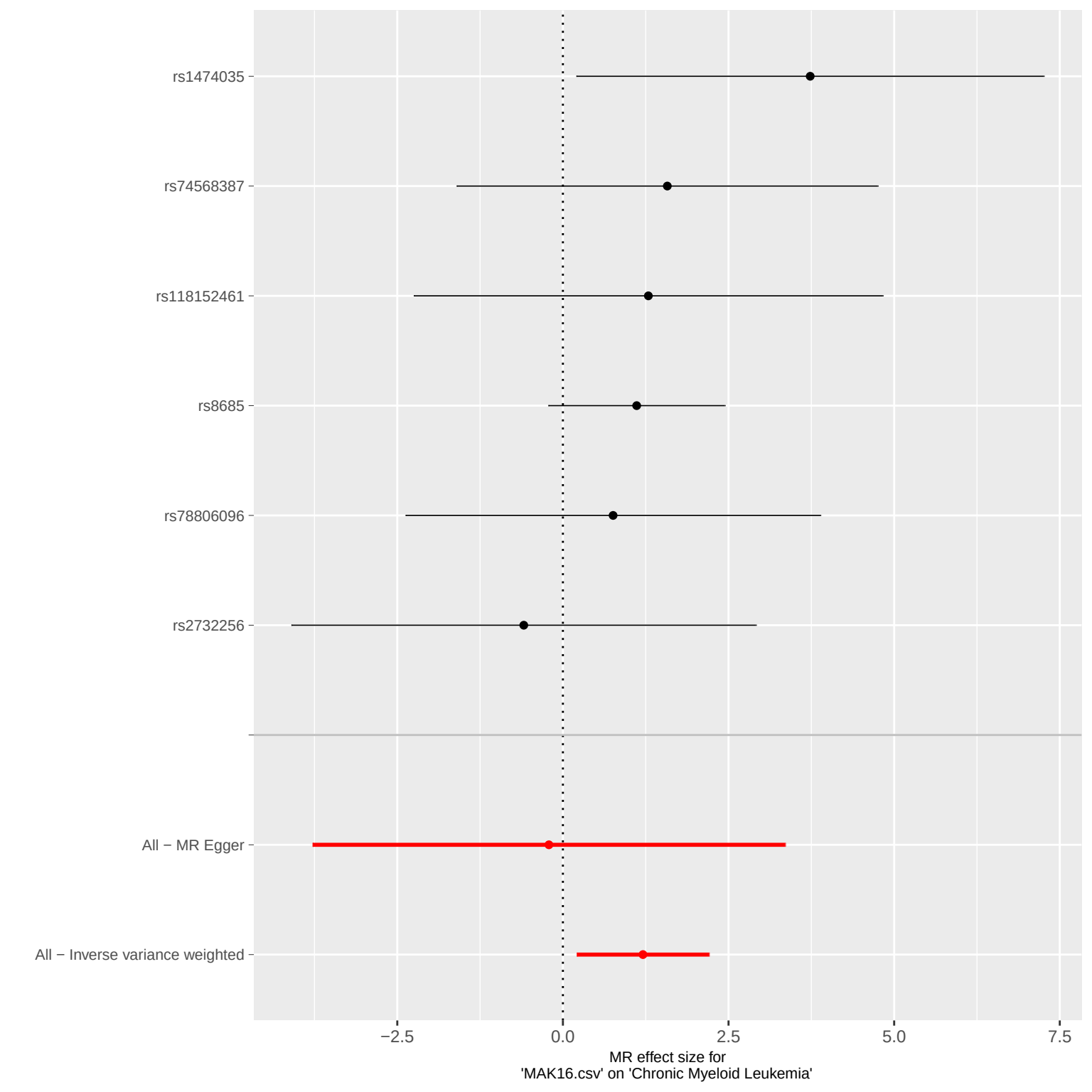
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'MAFB.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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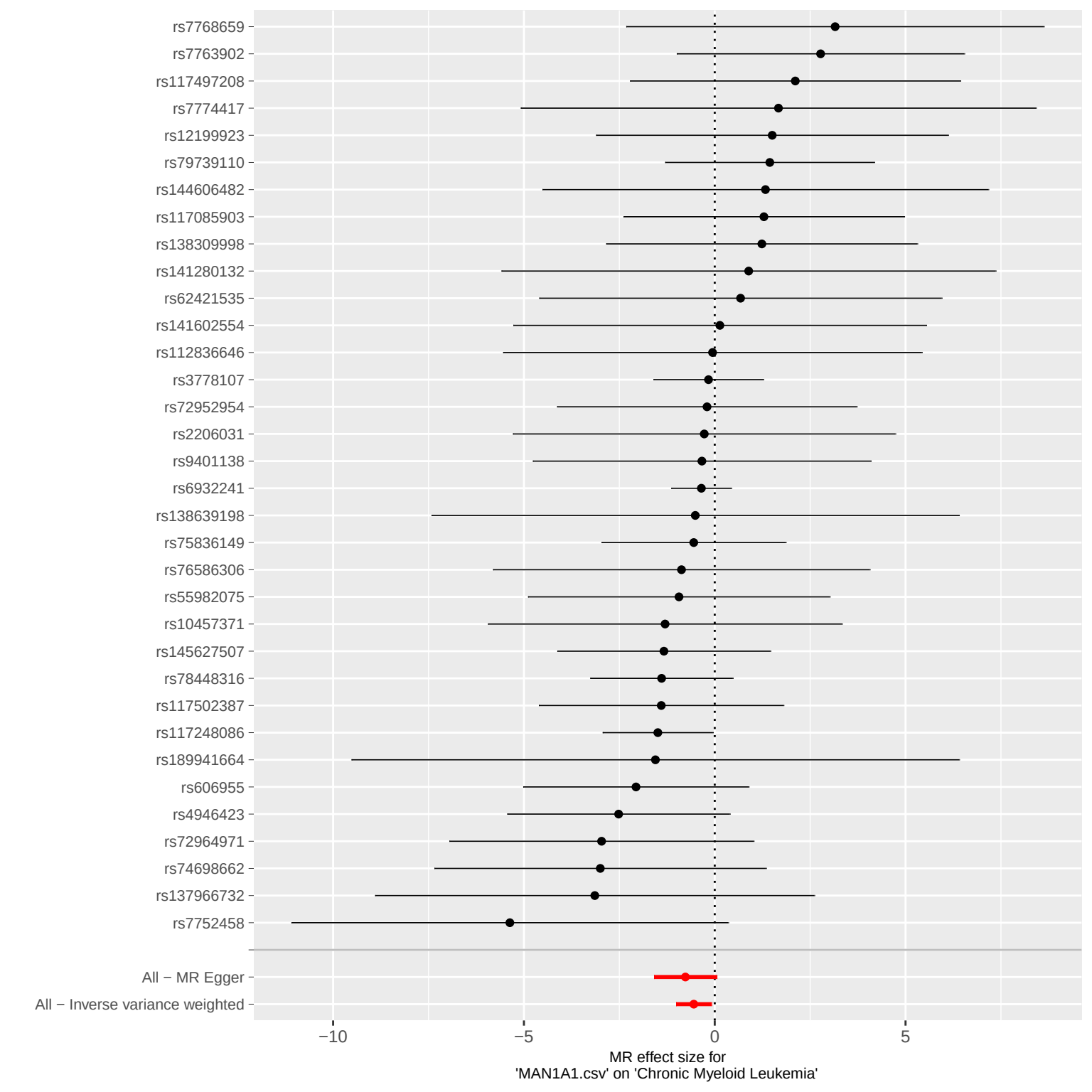
0.0
2.5
5.0
7.5
MR effect size for
'MAK16.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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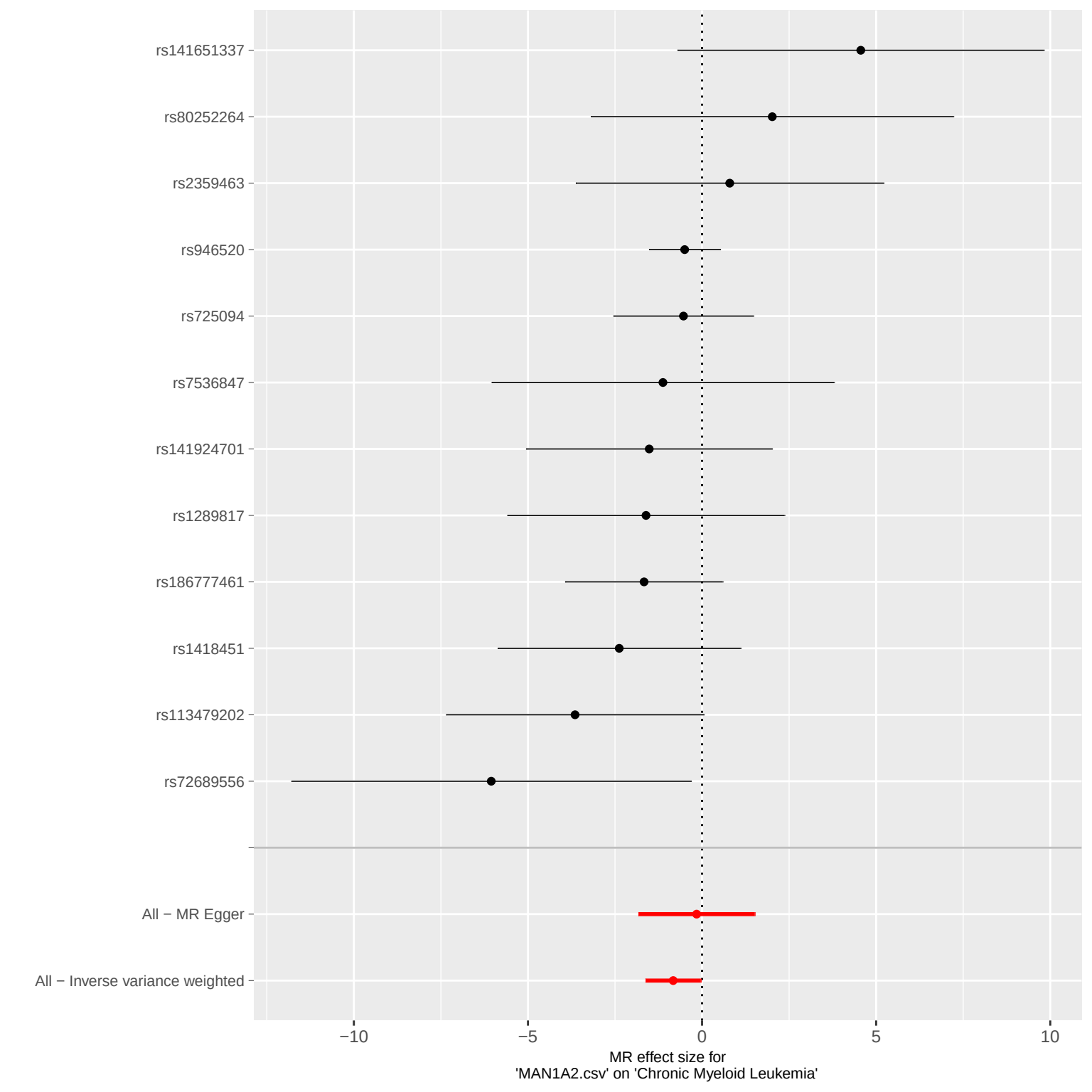
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All − Inverse variance weighted
−10
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MR effect size for
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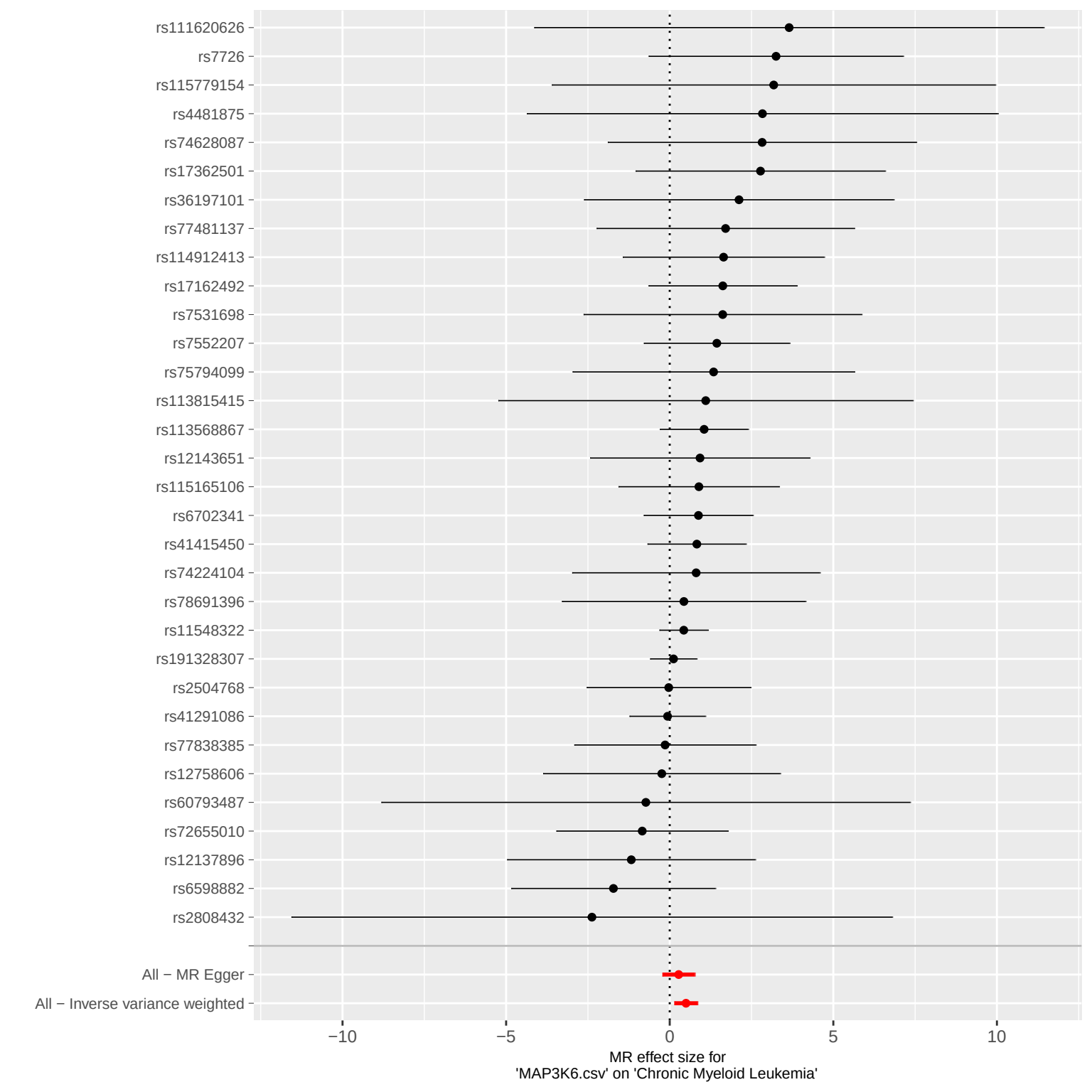
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All − Inverse variance weighted
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−5
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MR effect size for
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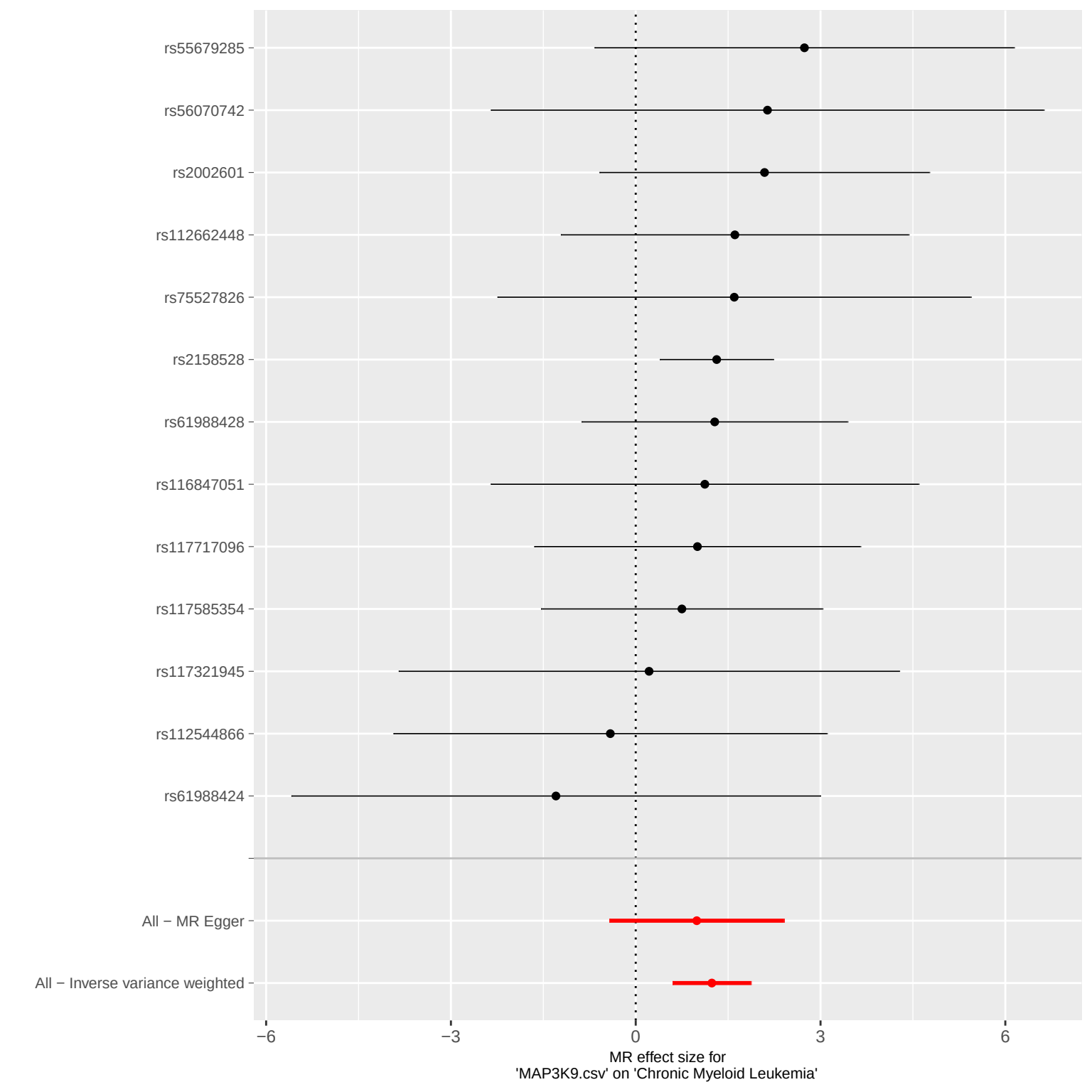
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3
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MR effect size for
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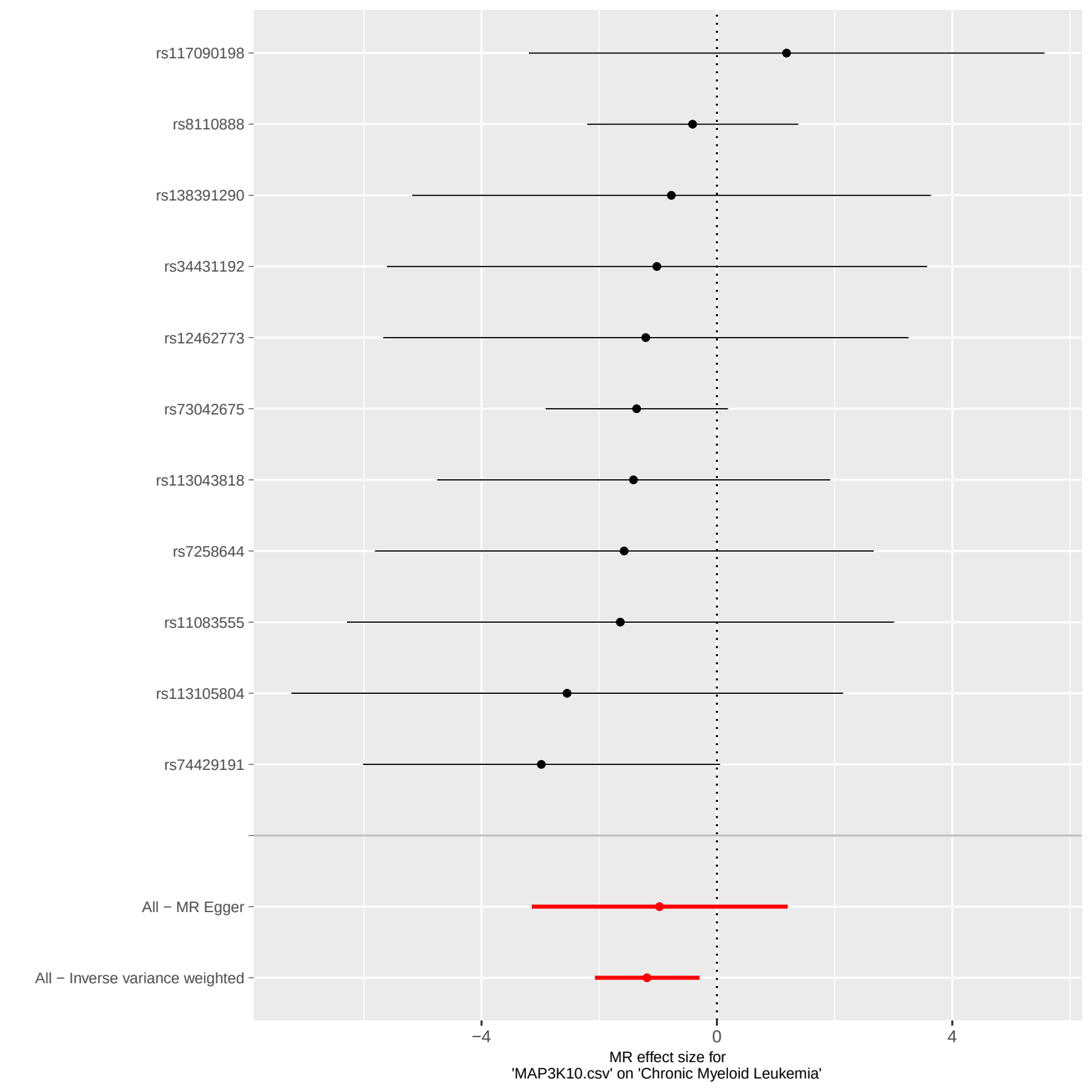
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All − MR Egger
All − Inverse variance weighted
−4
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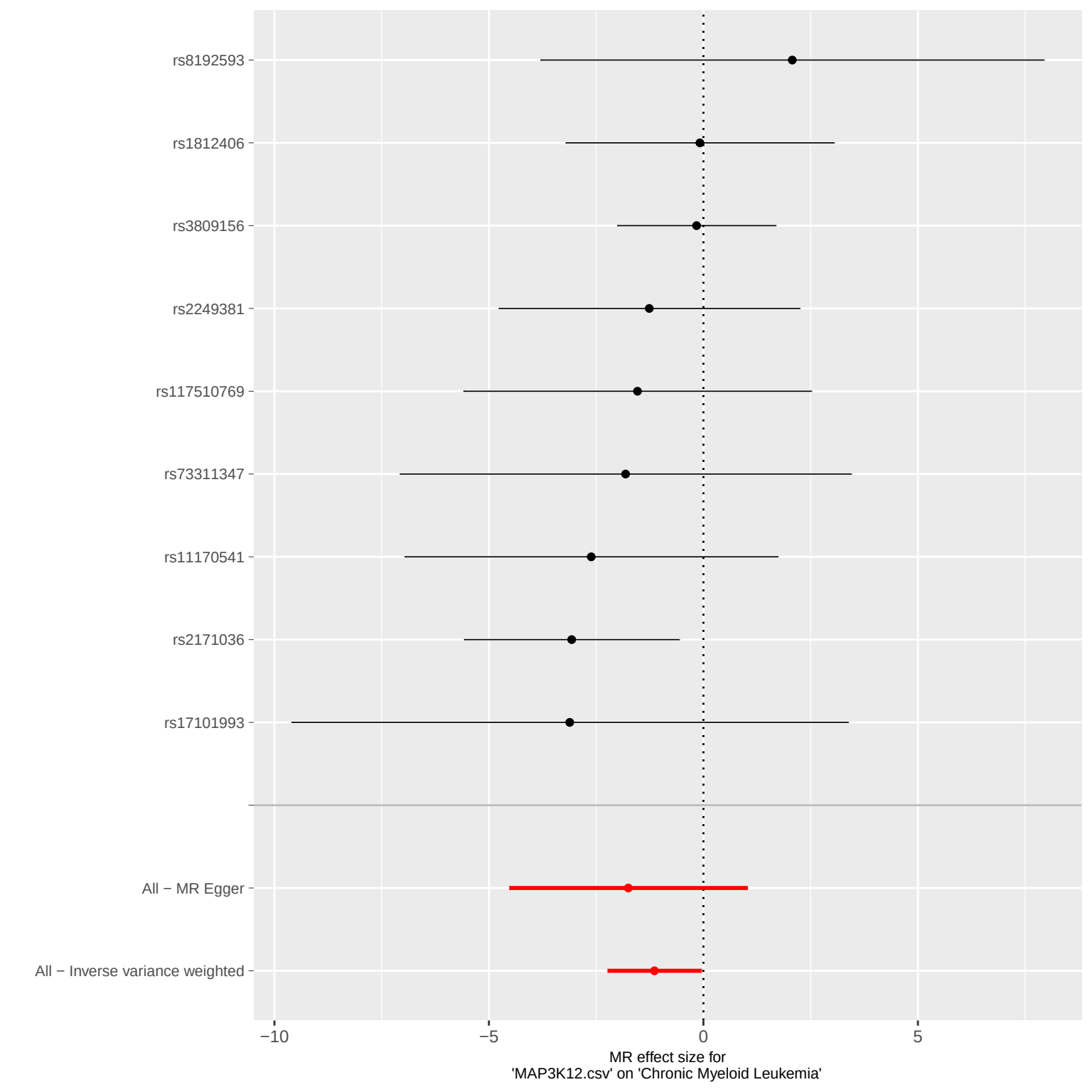
MR effect size for
'MAP3K10.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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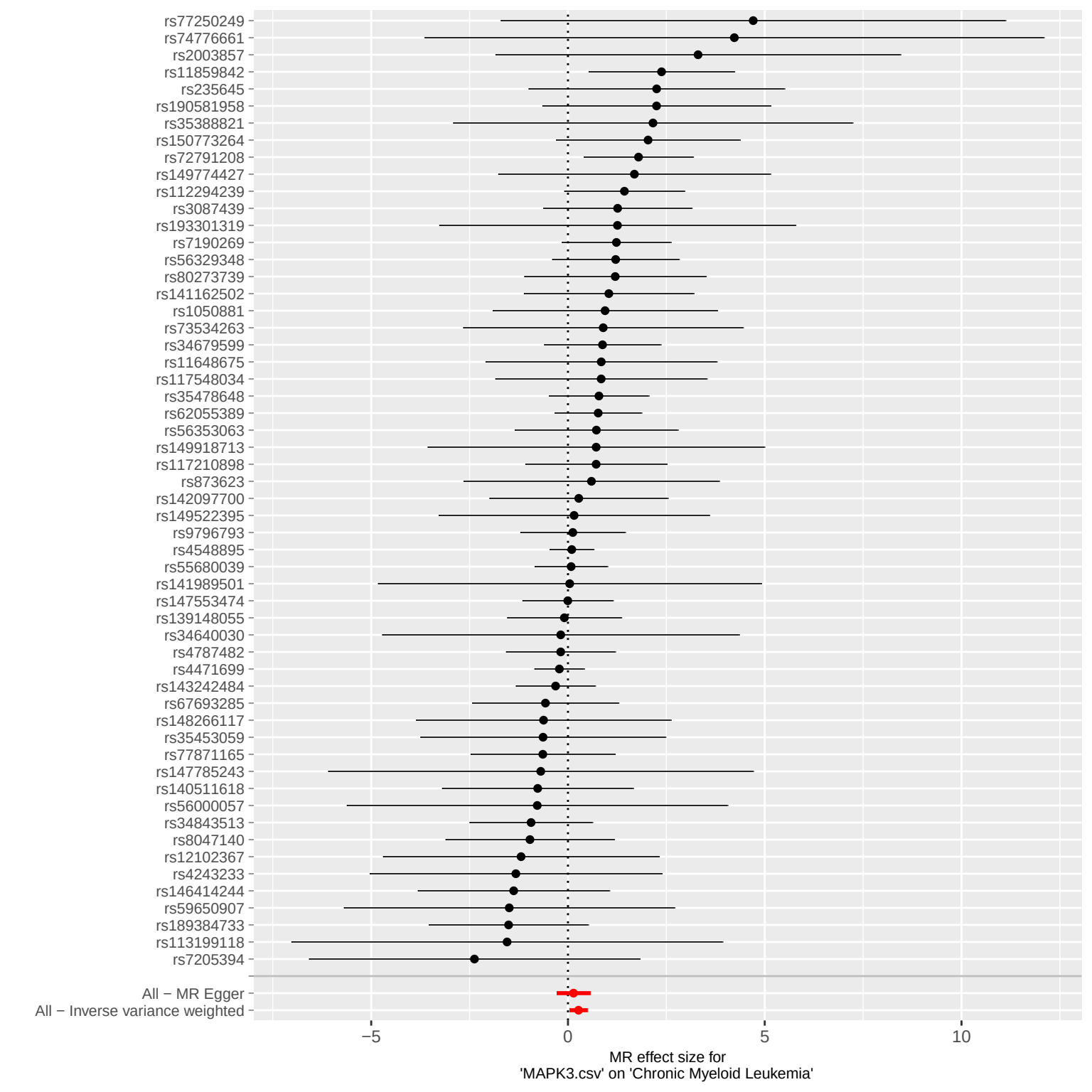
MR effect size for
'MAP3K12.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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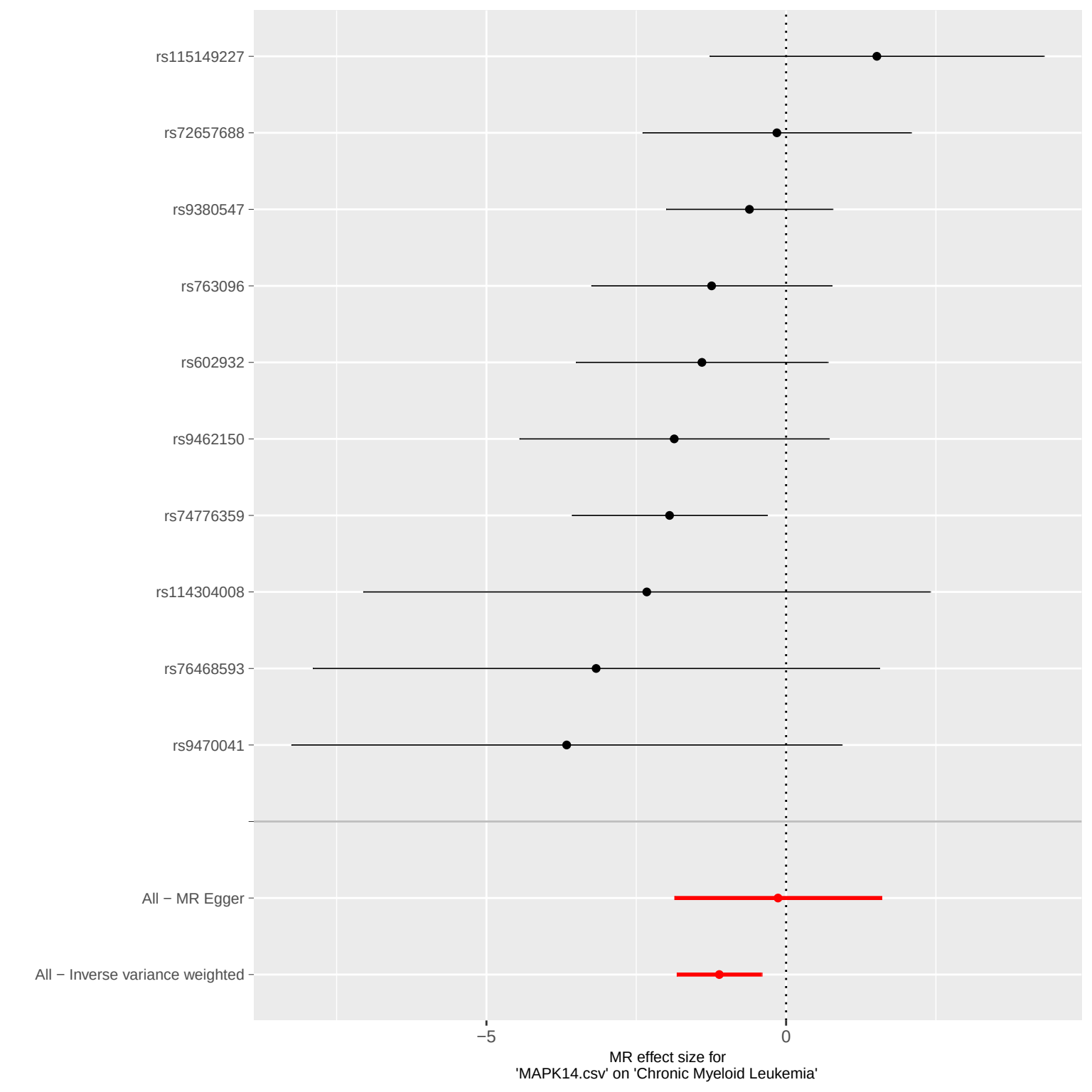
MR effect size for
'MAPK3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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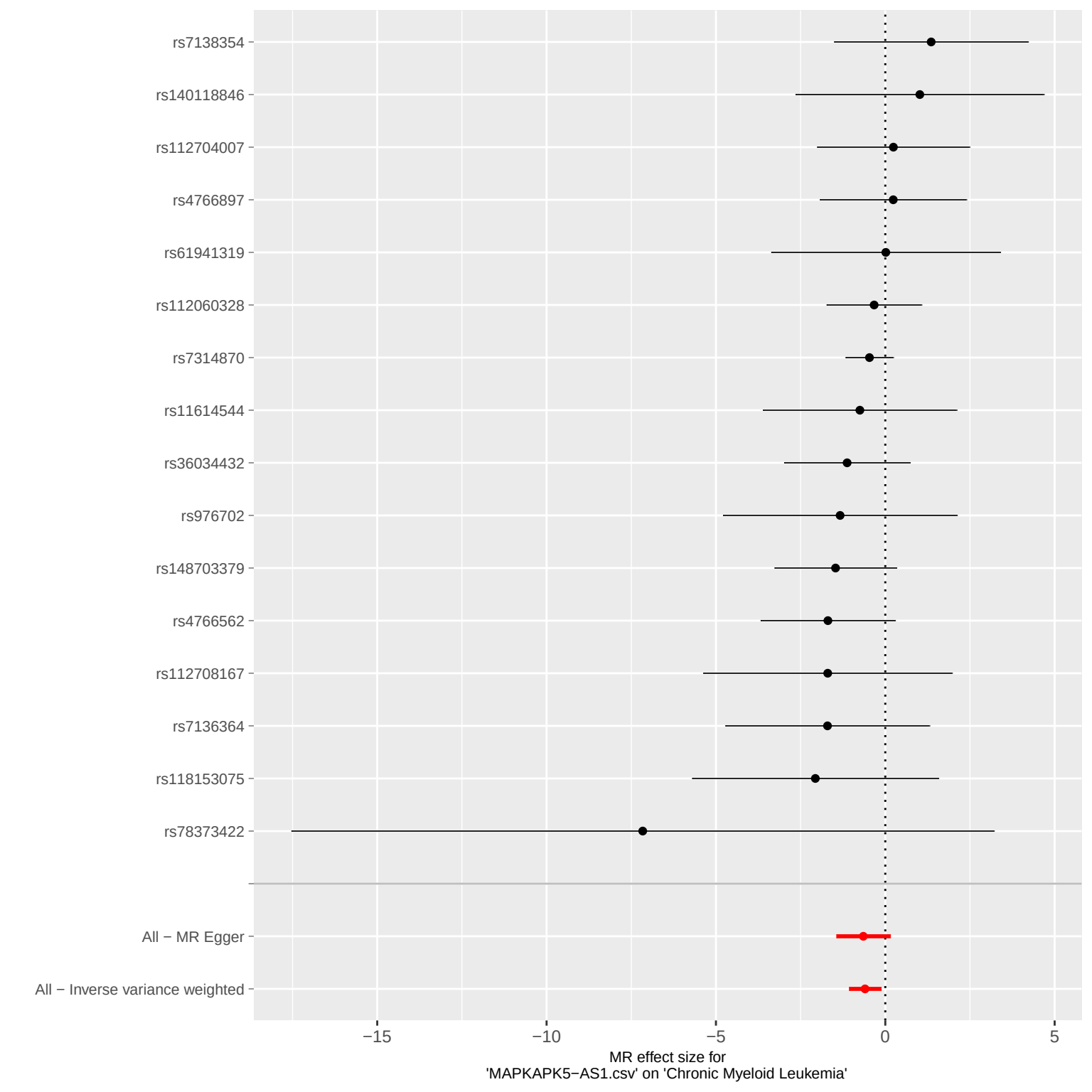
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All − MR Egger
All − Inverse variance weighted
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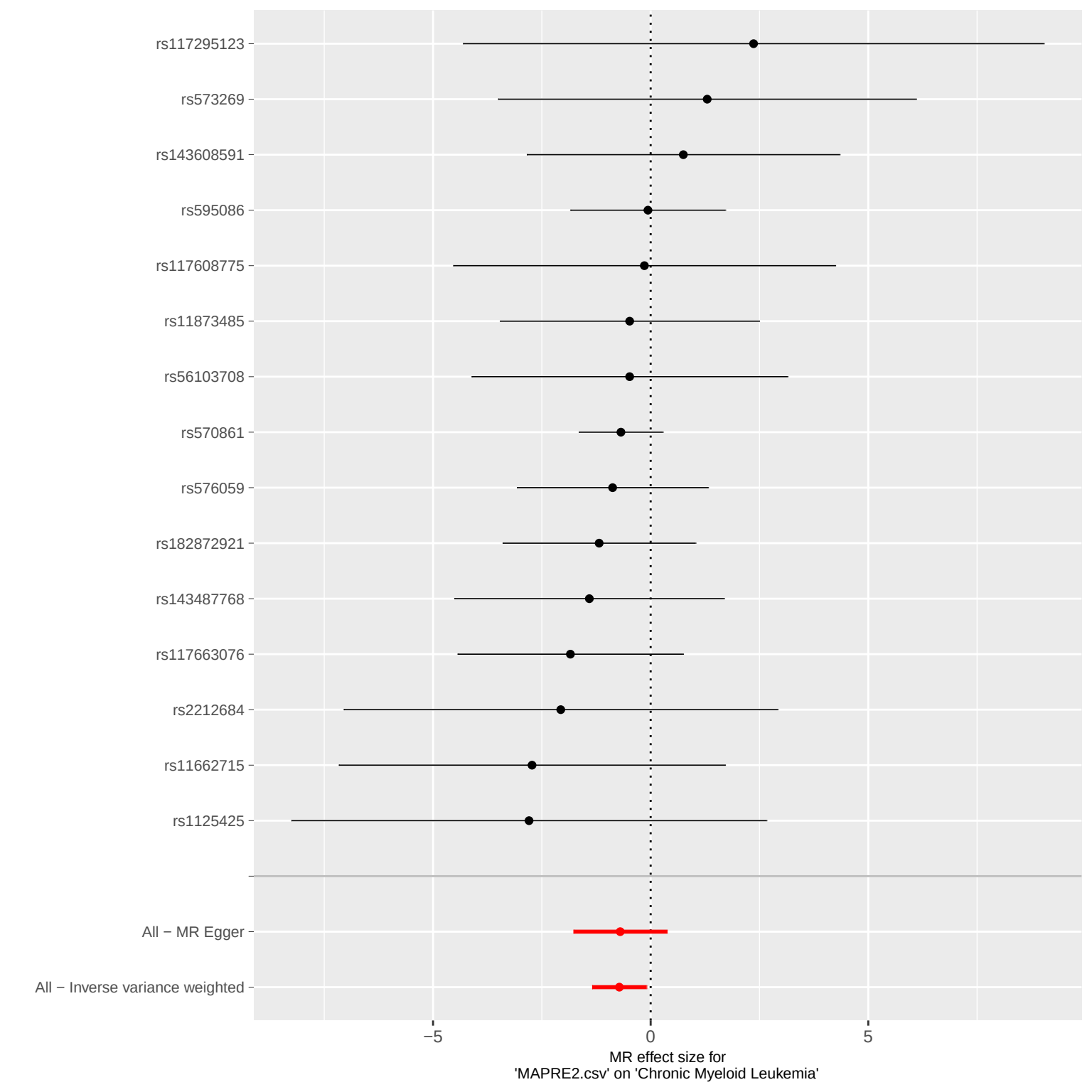
MR effect size for
'MAPKAPK5−AS1.csv' on 'Chronic Myeloid Leukemia'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rs11662715
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All − MR Egger
All − Inverse variance weighted
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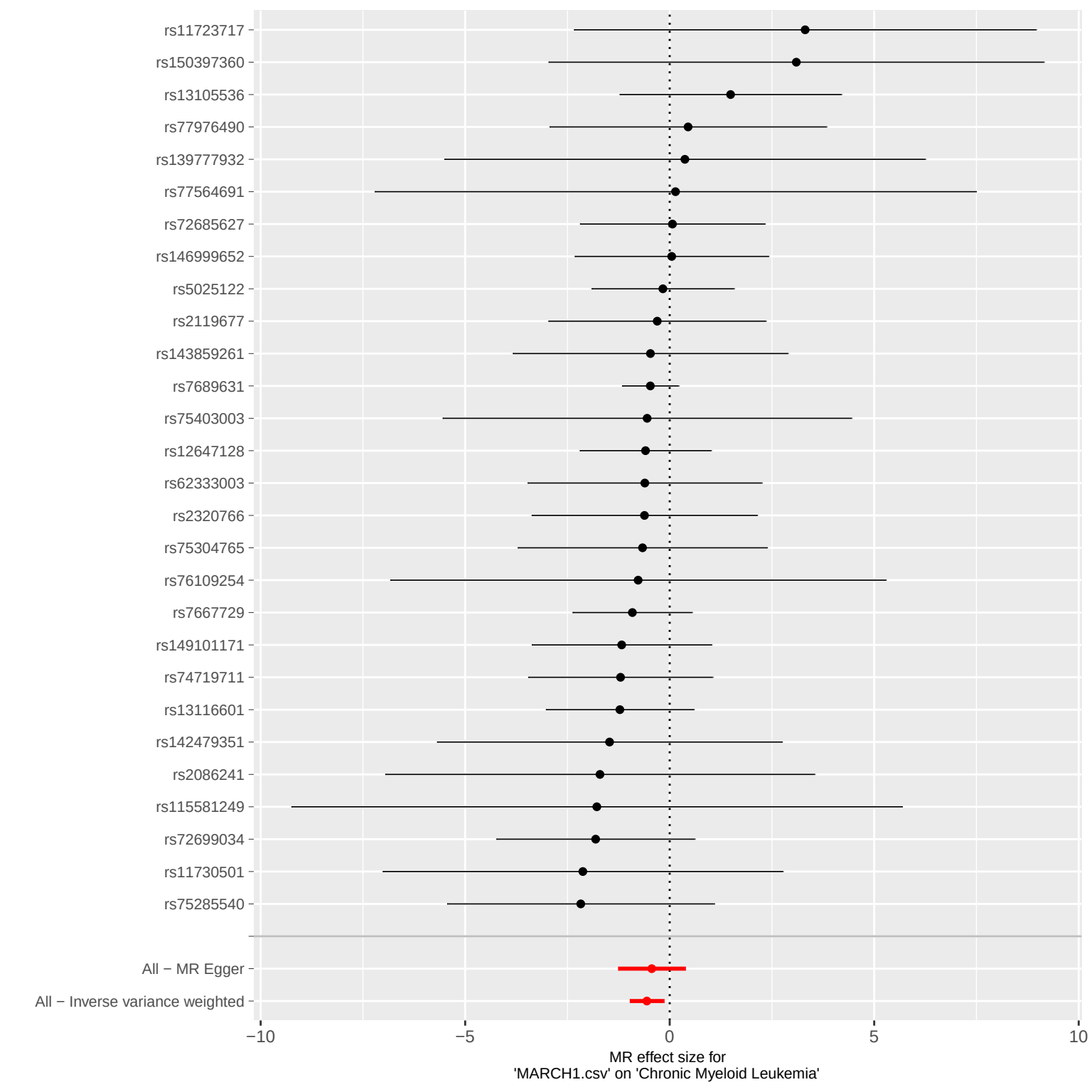
MR effect size for
'MAPRE2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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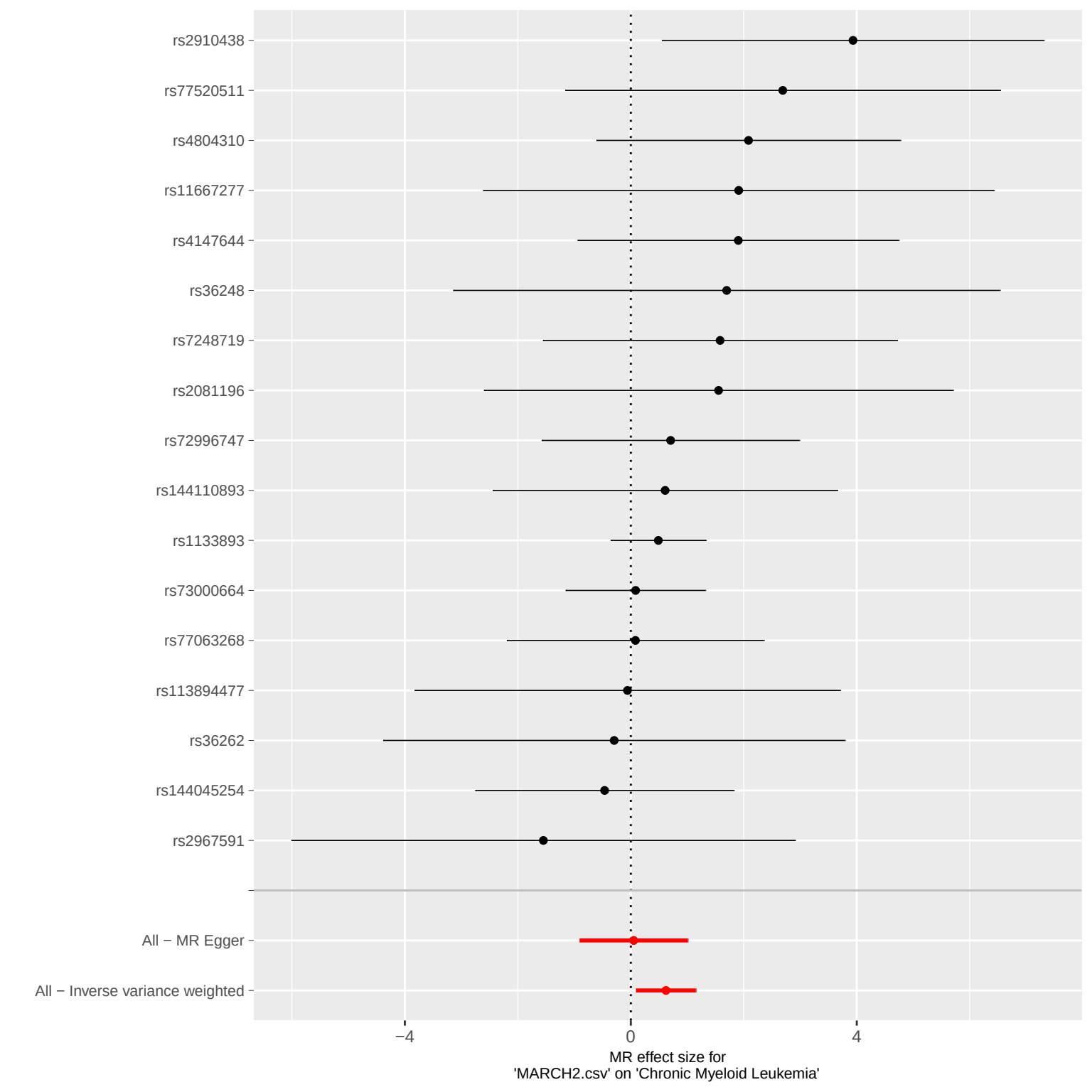
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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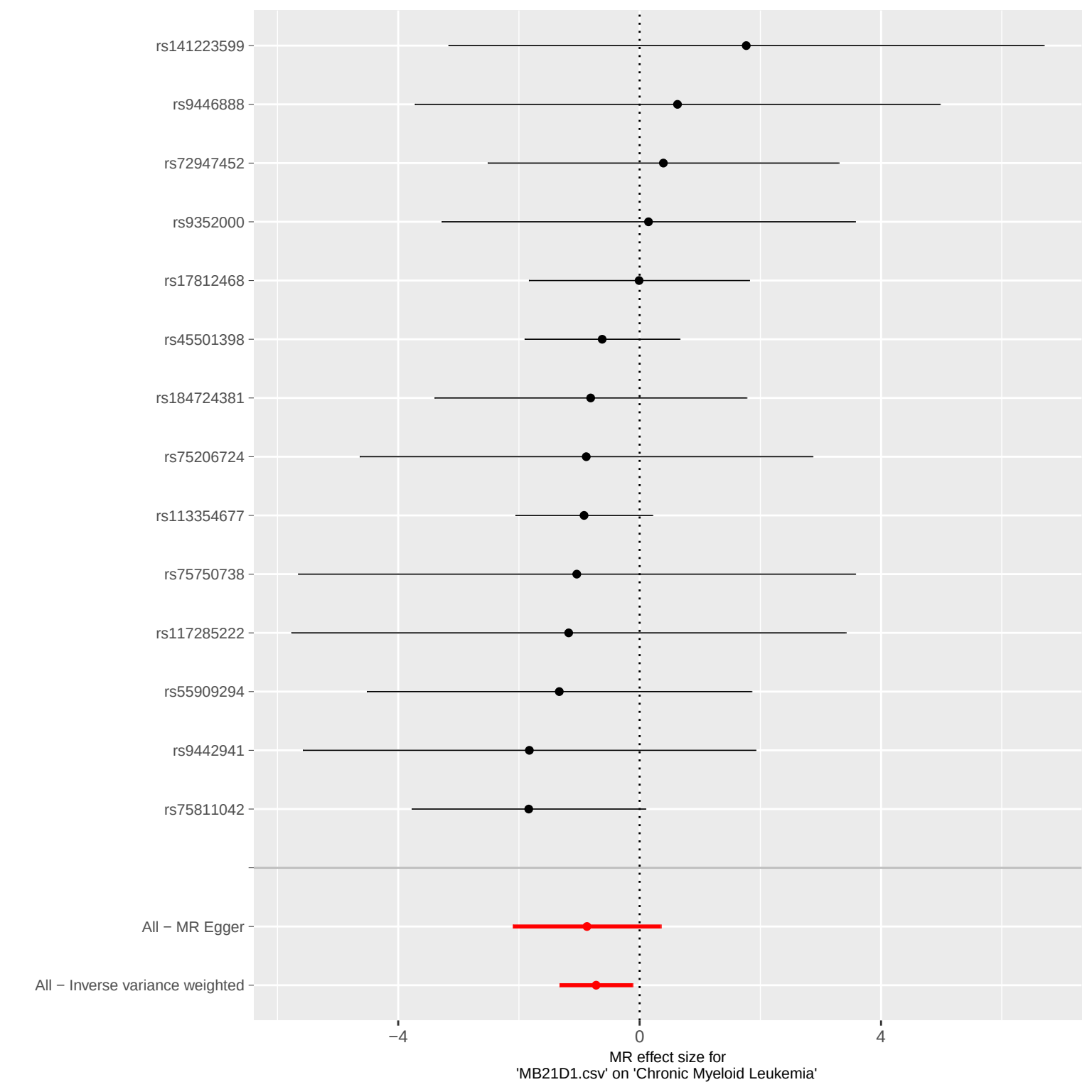
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All − Inverse variance weighted
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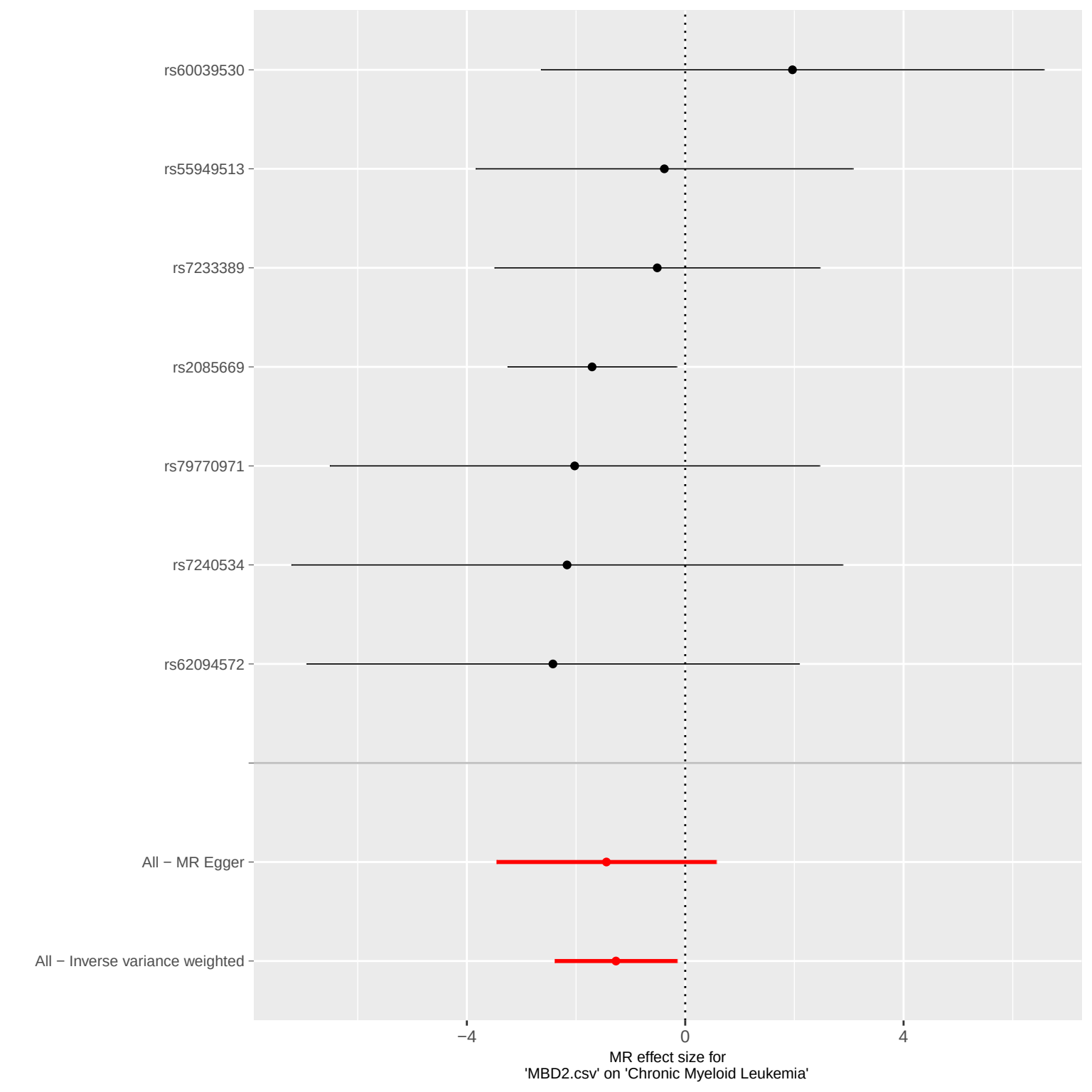
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All − Inverse variance weighted
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MR effect size for
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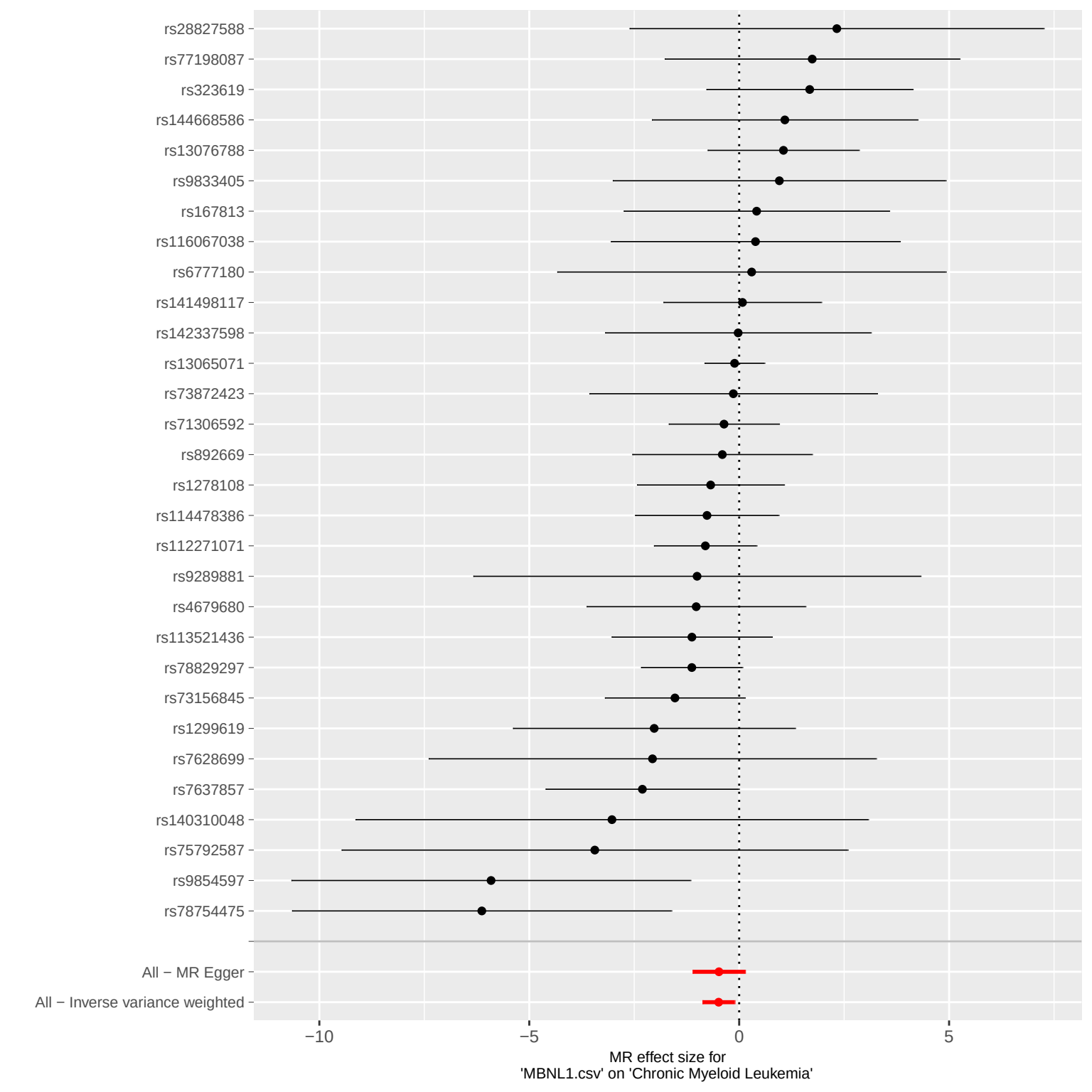
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All − MR Egger
All − Inverse variance weighted
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−5
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MR effect size for
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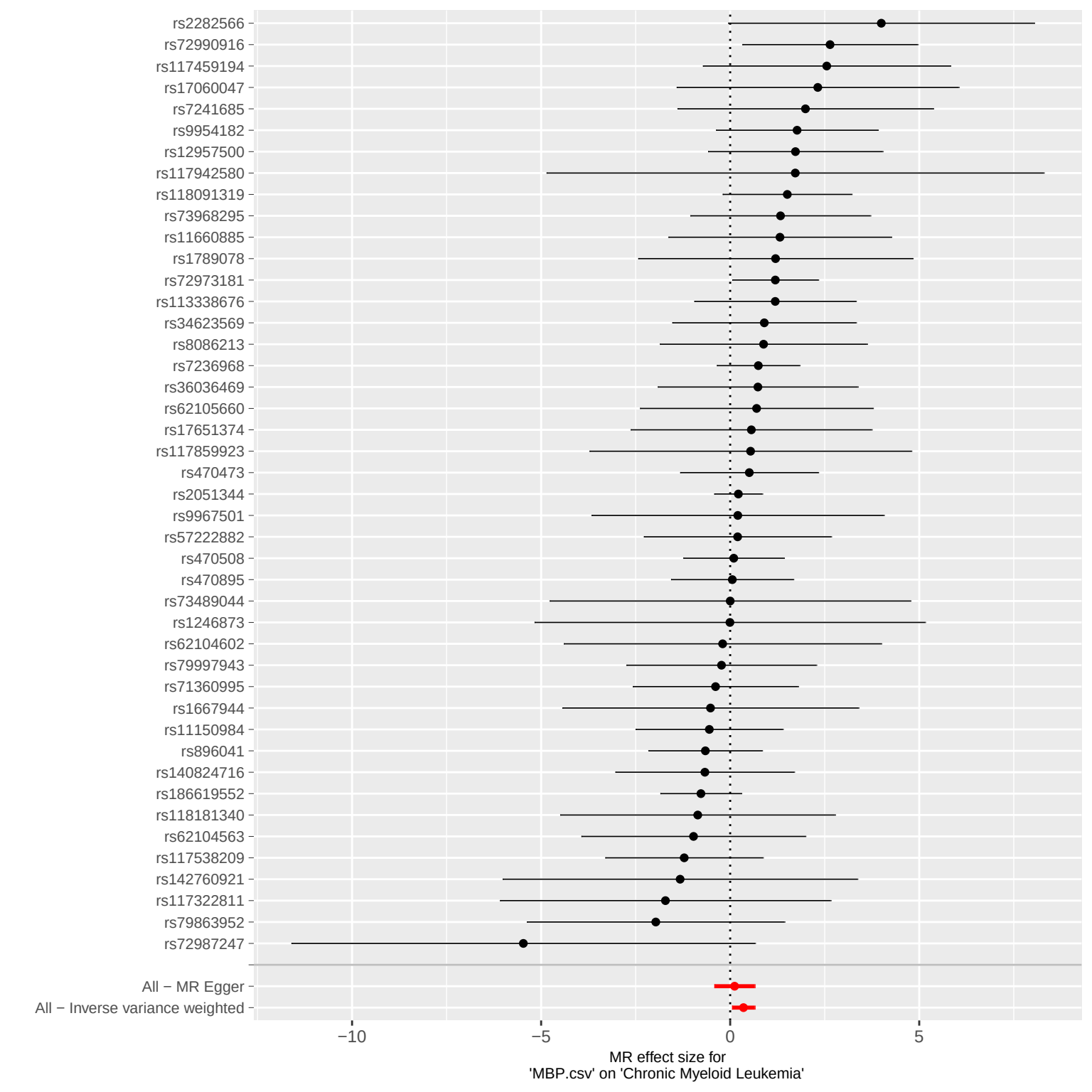
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All − MR Egger
All − Inverse variance weighted
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−5
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MR effect size for
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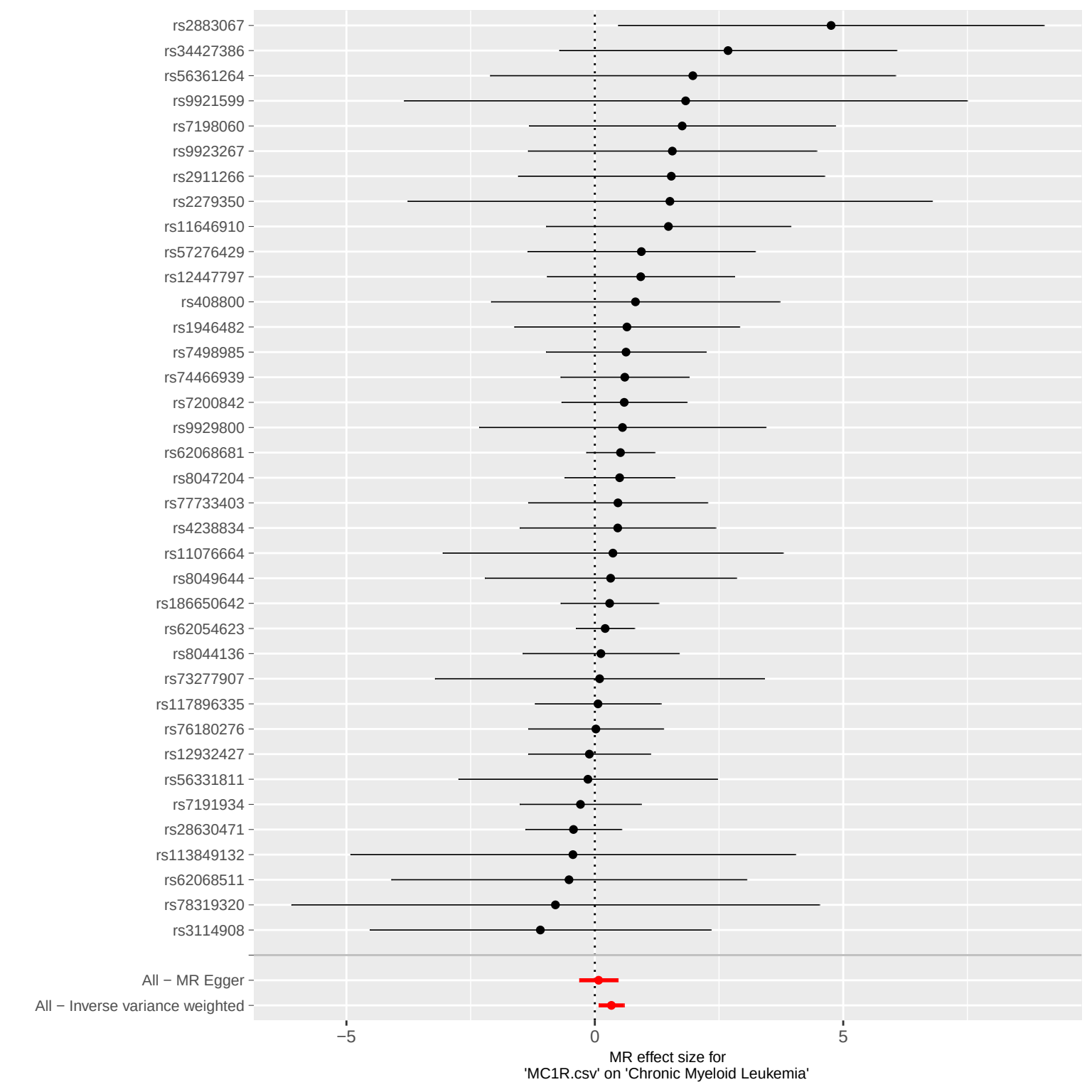
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All − Inverse variance weighted
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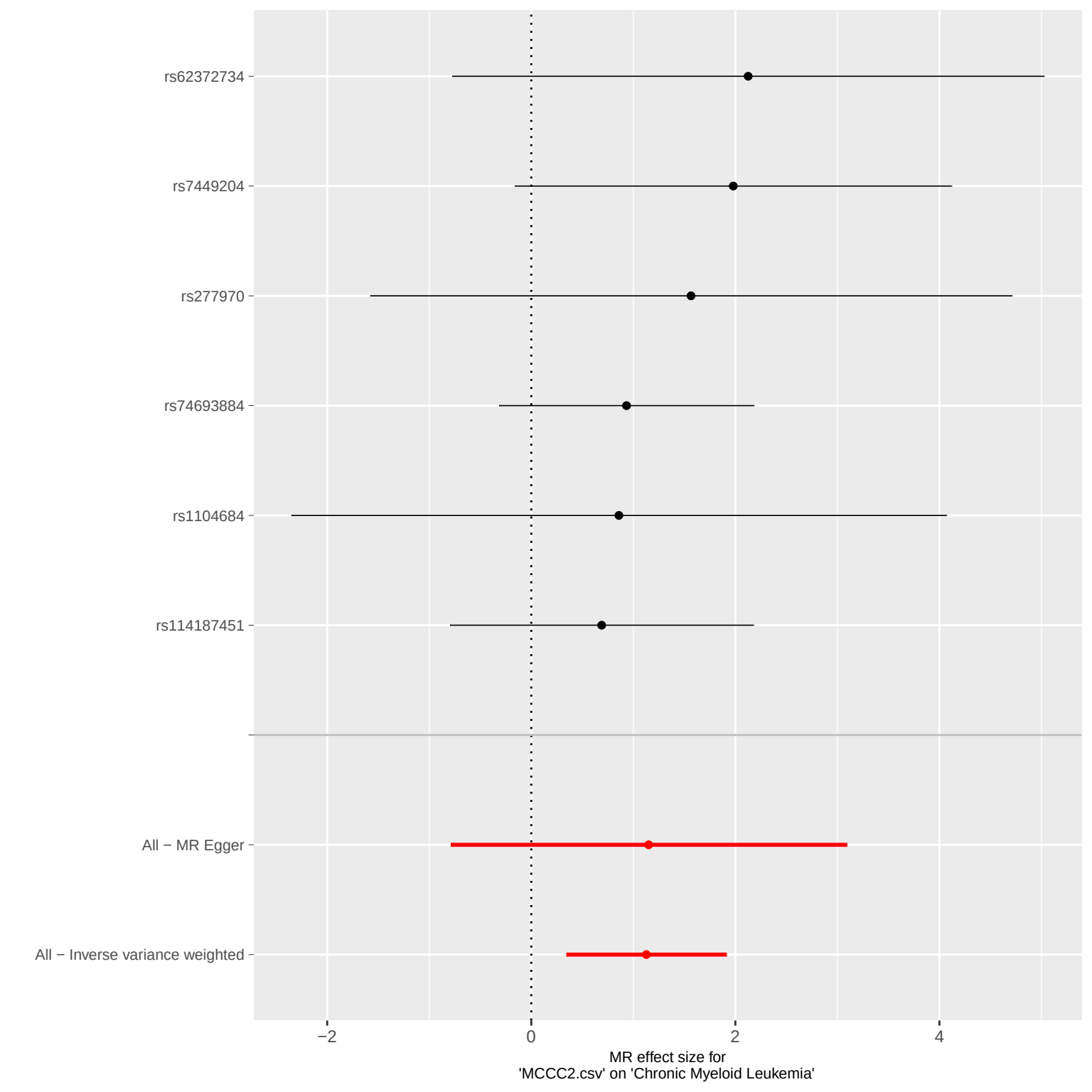
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All − Inverse variance weighted
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2
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MR effect size for
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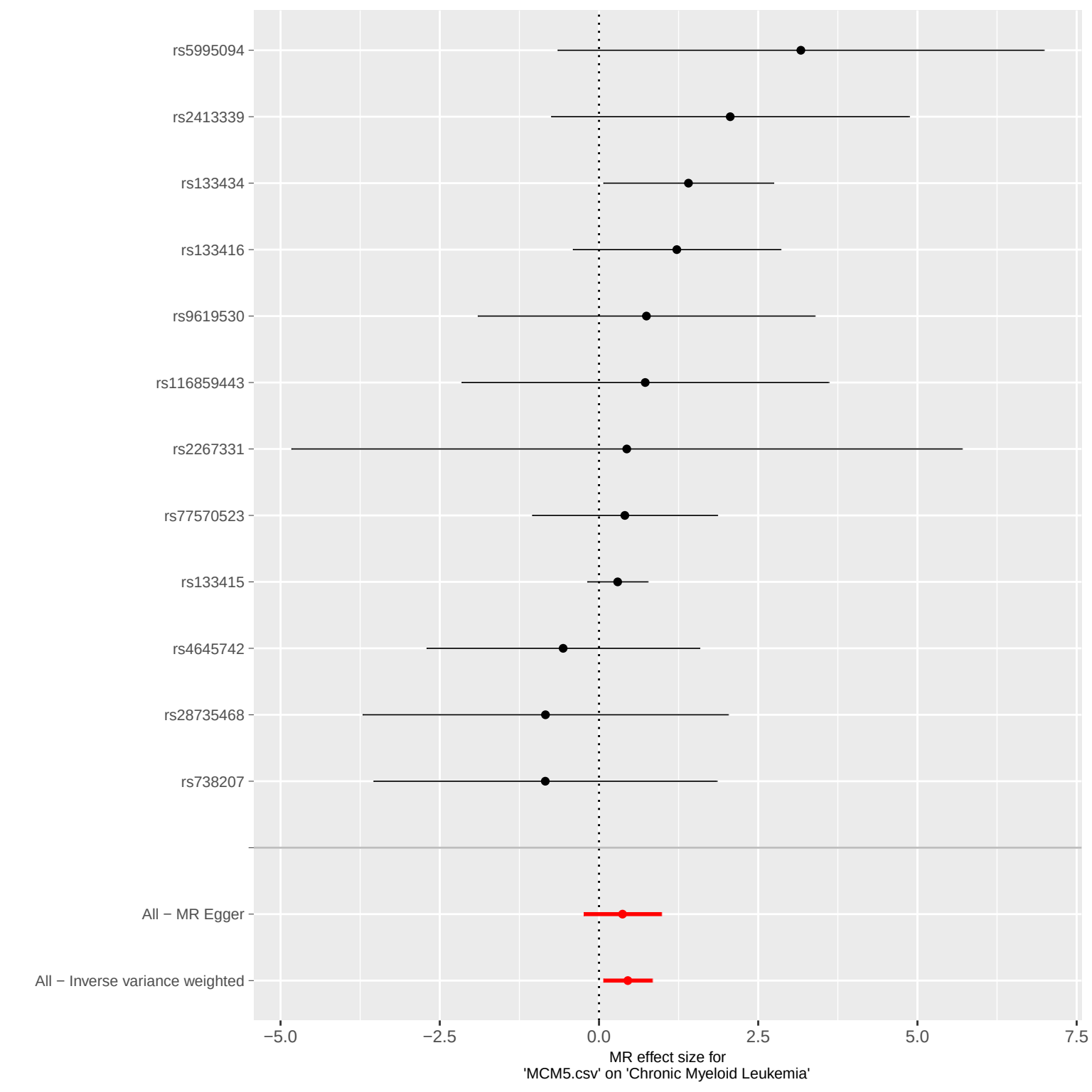
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All − MR Egger
All − Inverse variance weighted
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0.0
2.5
5.0
7.5
MR effect size for
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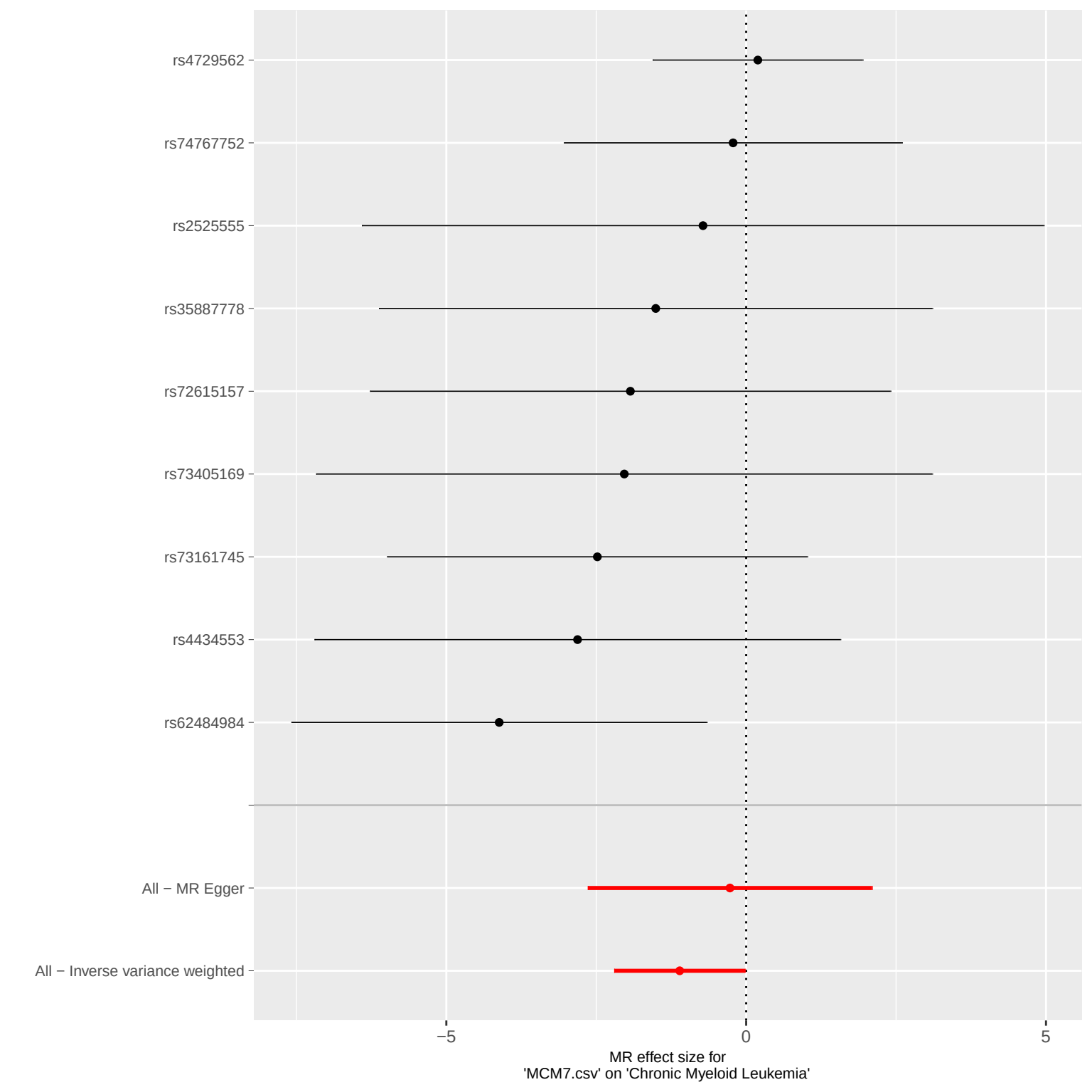
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All − MR Egger
All − Inverse variance weighted
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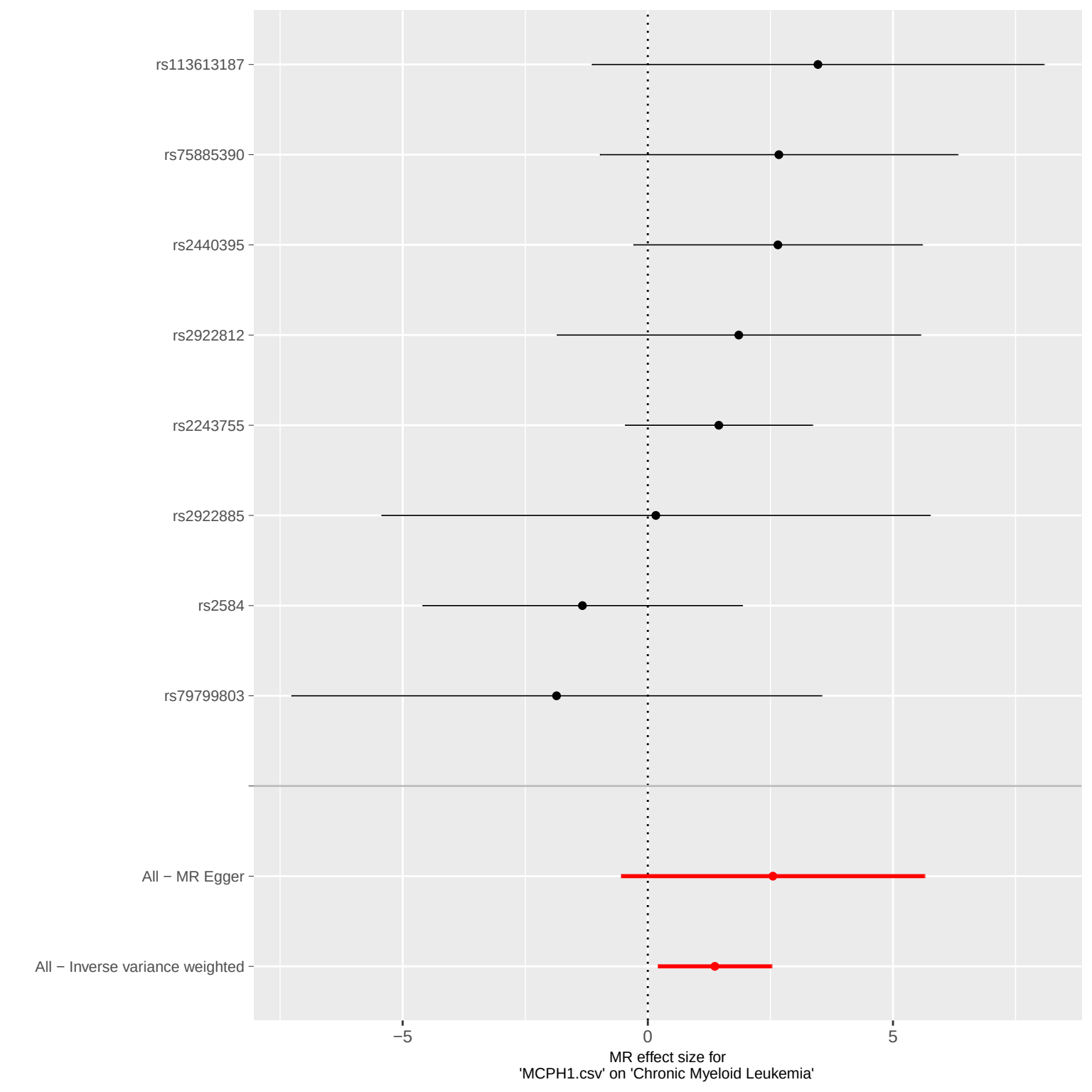
MR effect size for
'MCM7.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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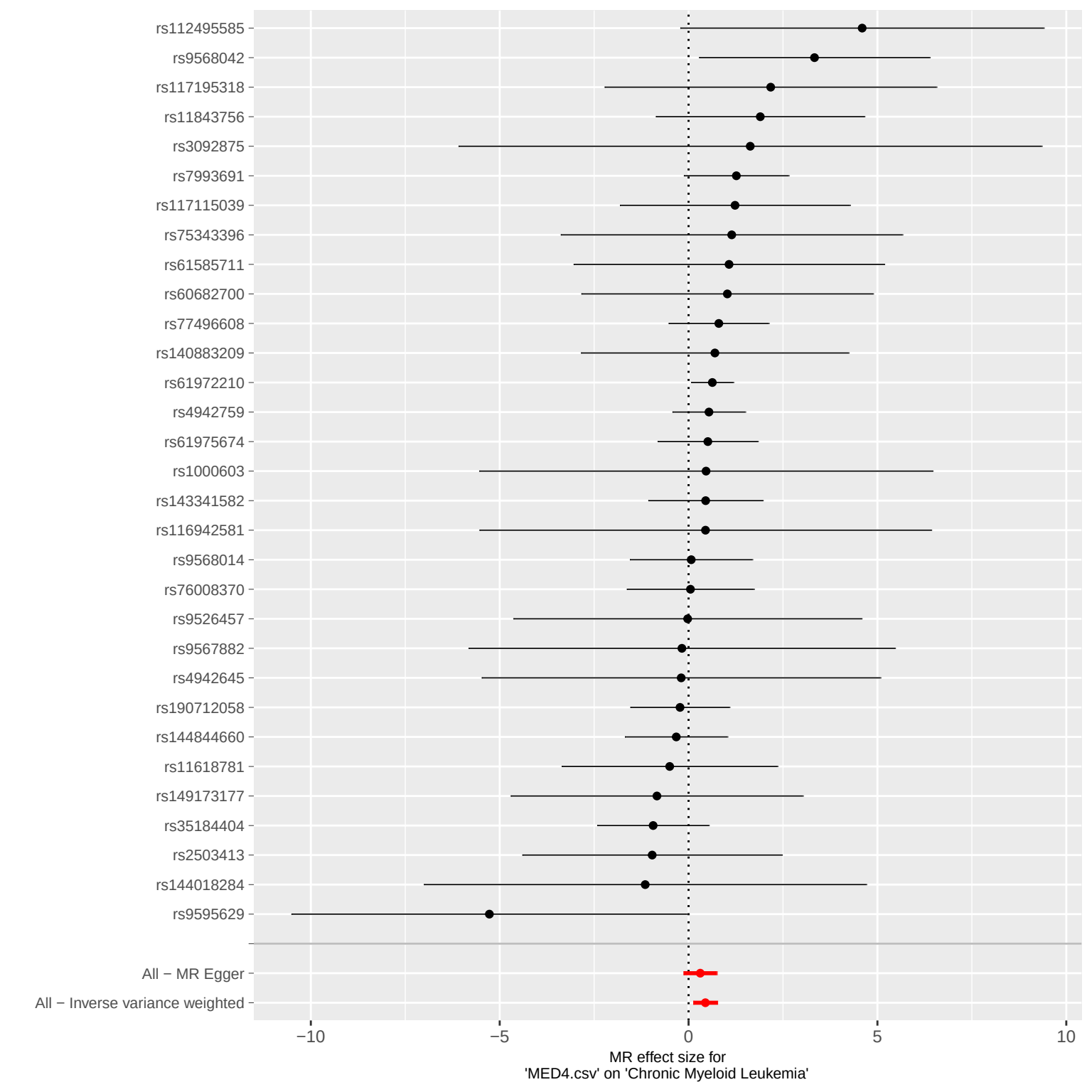
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rs144844660
rs11618781
rs149173177
rs35184404
rs2503413
rs144018284
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All − MR Egger
All − Inverse variance weighted
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−5
0
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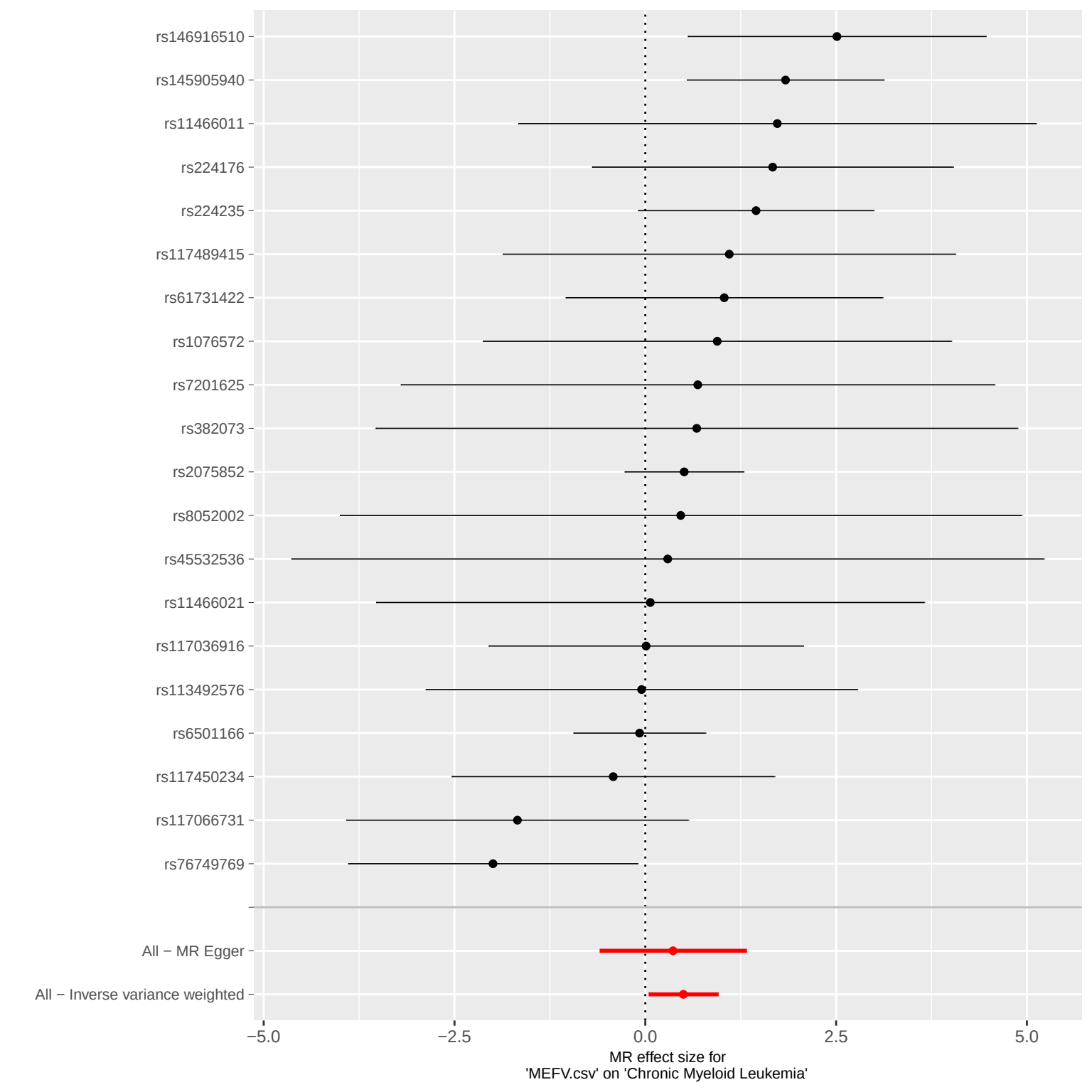
MR effect size for
'MED4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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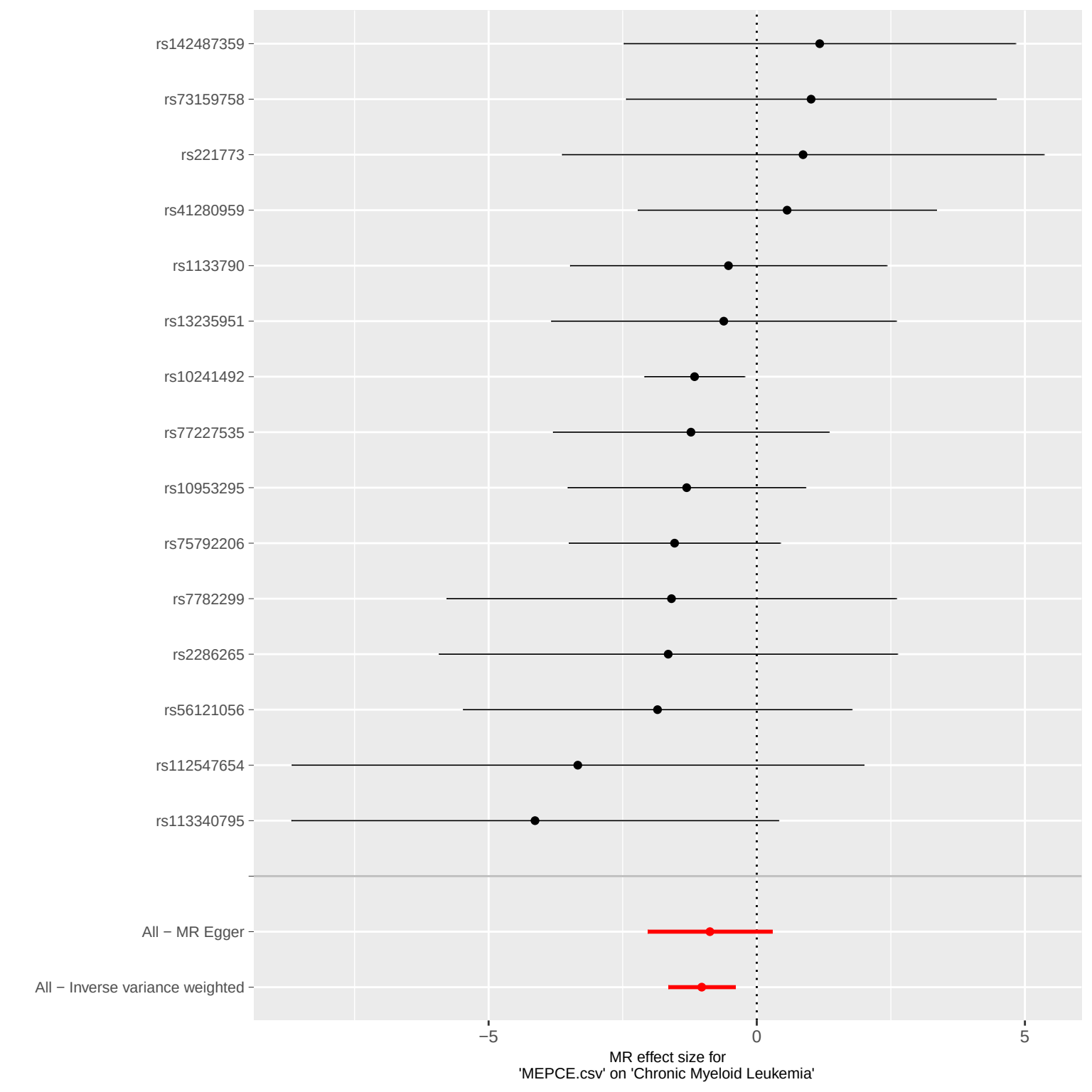
0.0
2.5
5.0
MR effect size for
'MEFV.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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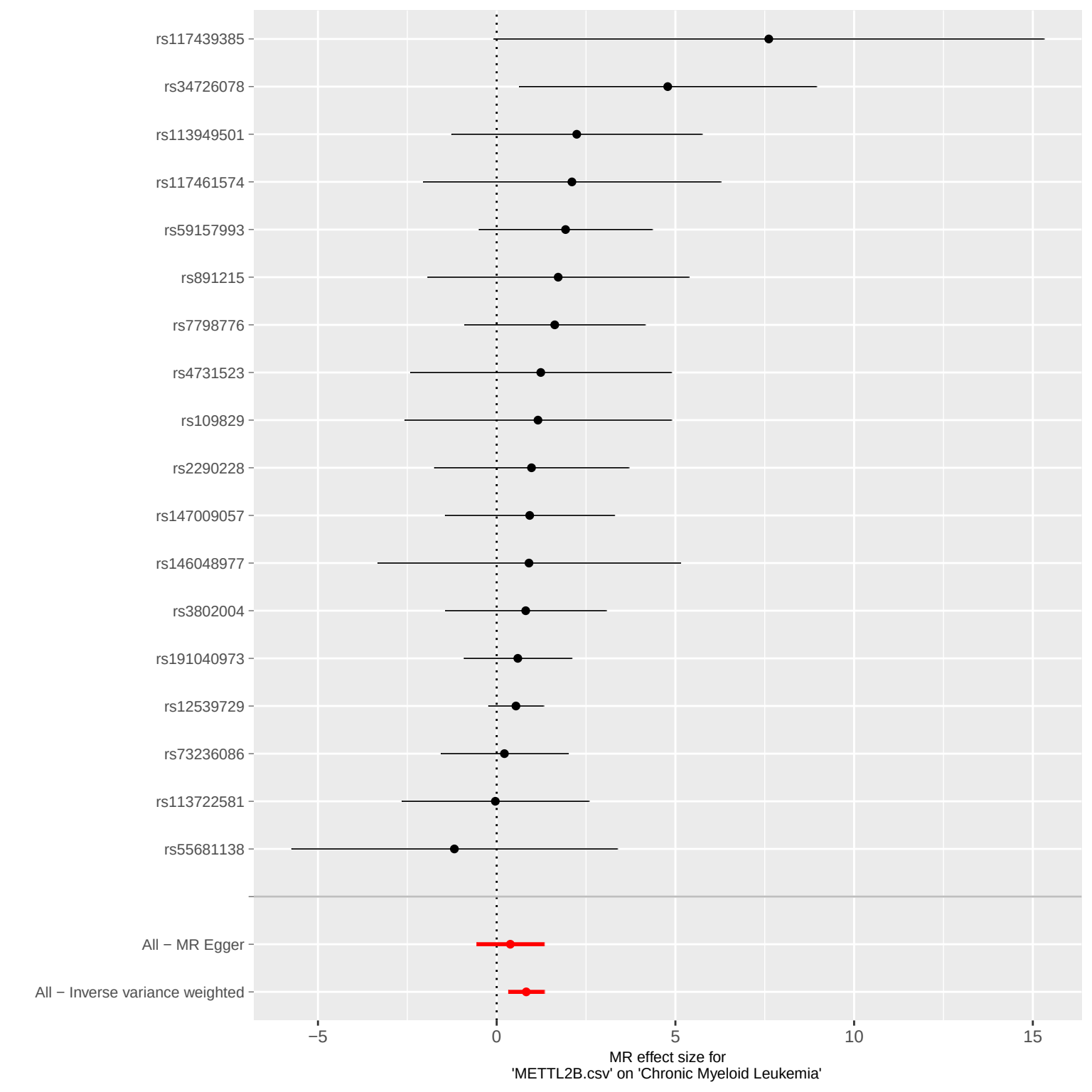
MR effect size for
'MEPCE.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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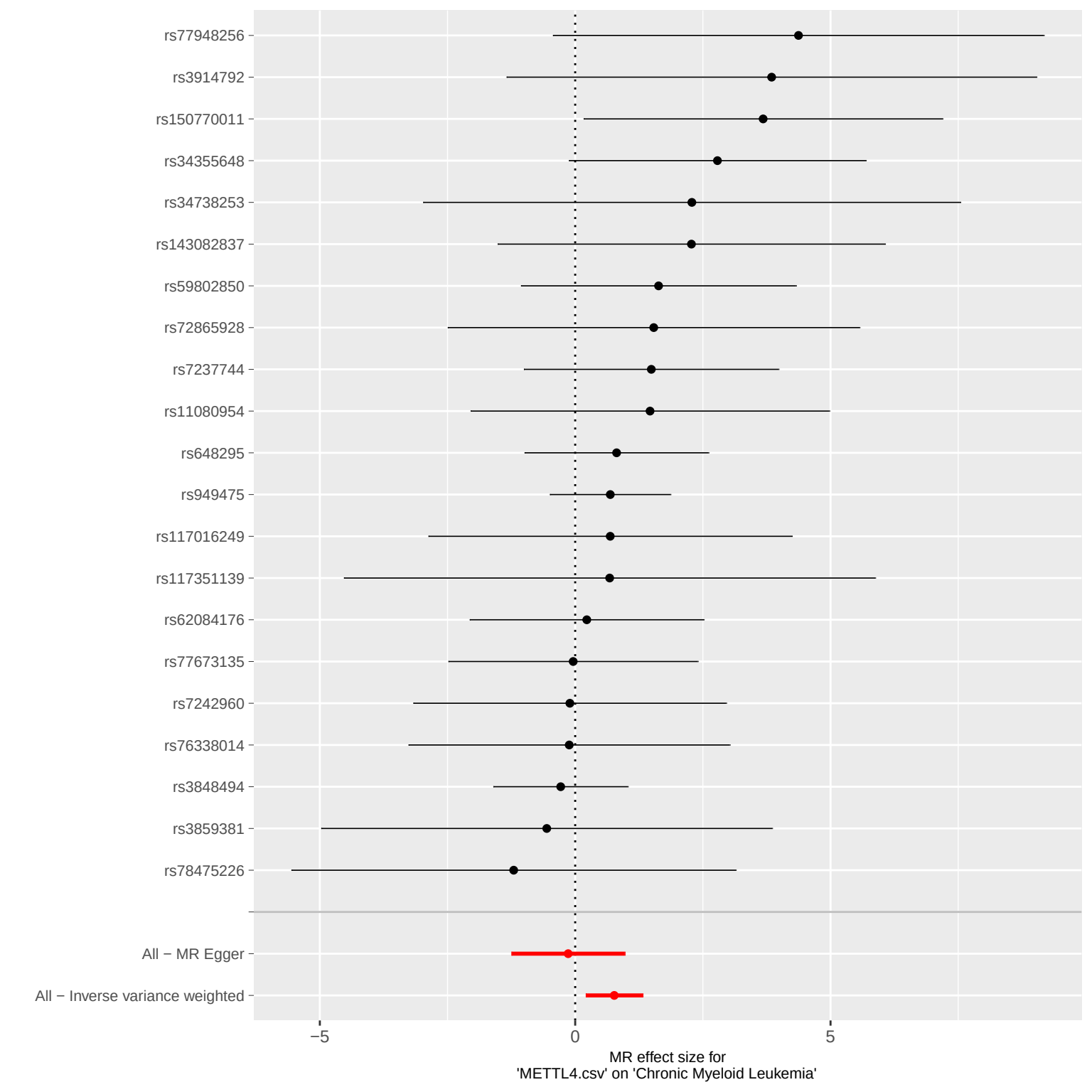
5
10
15
MR effect size for
'METTL2B.csv' on 'Chronic Myeloid Leukemia'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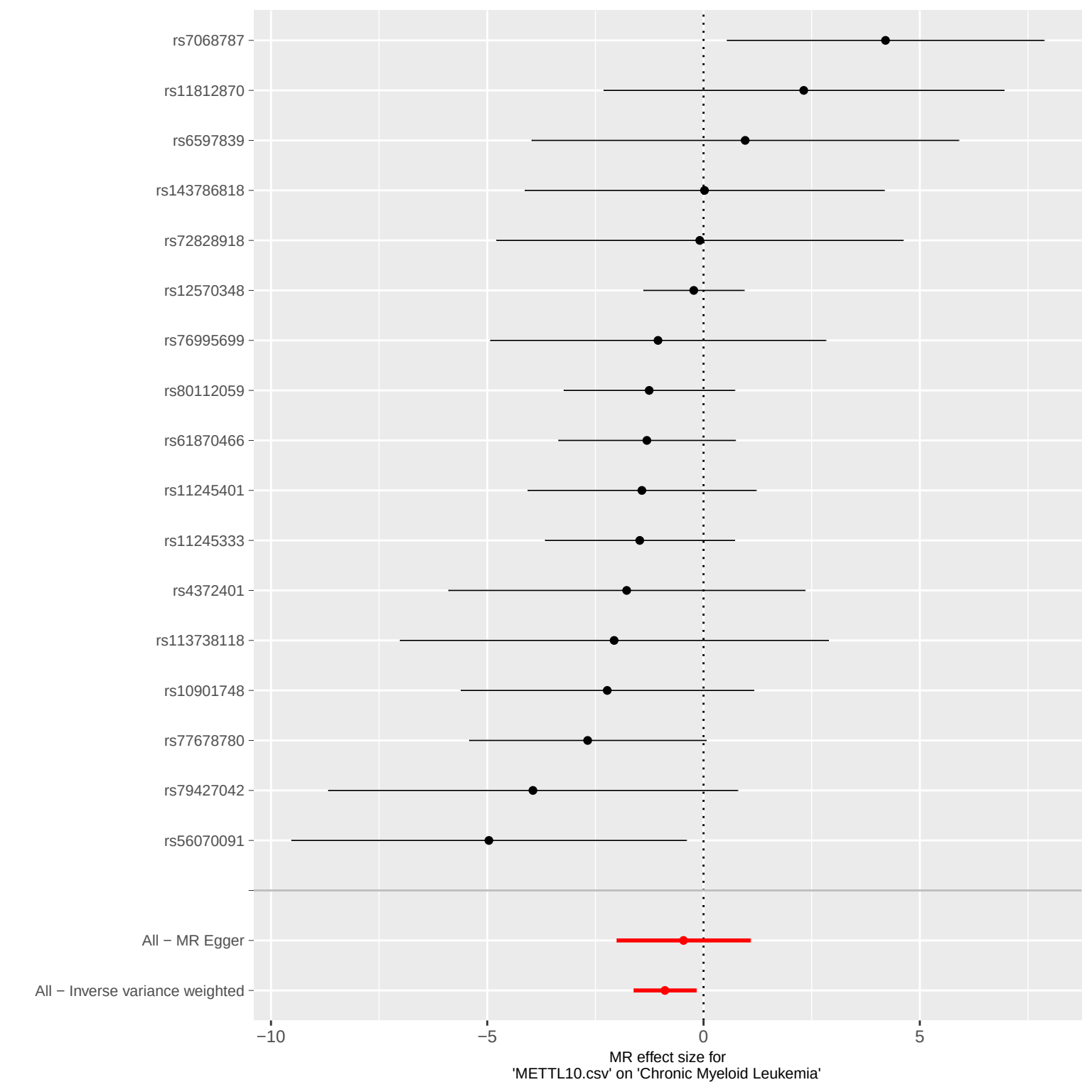
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'METTL4.csv' on 'Chronic Myeloid Leukemia'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rs4372401
rs113738118
rs10901748
rs77678780
rs79427042
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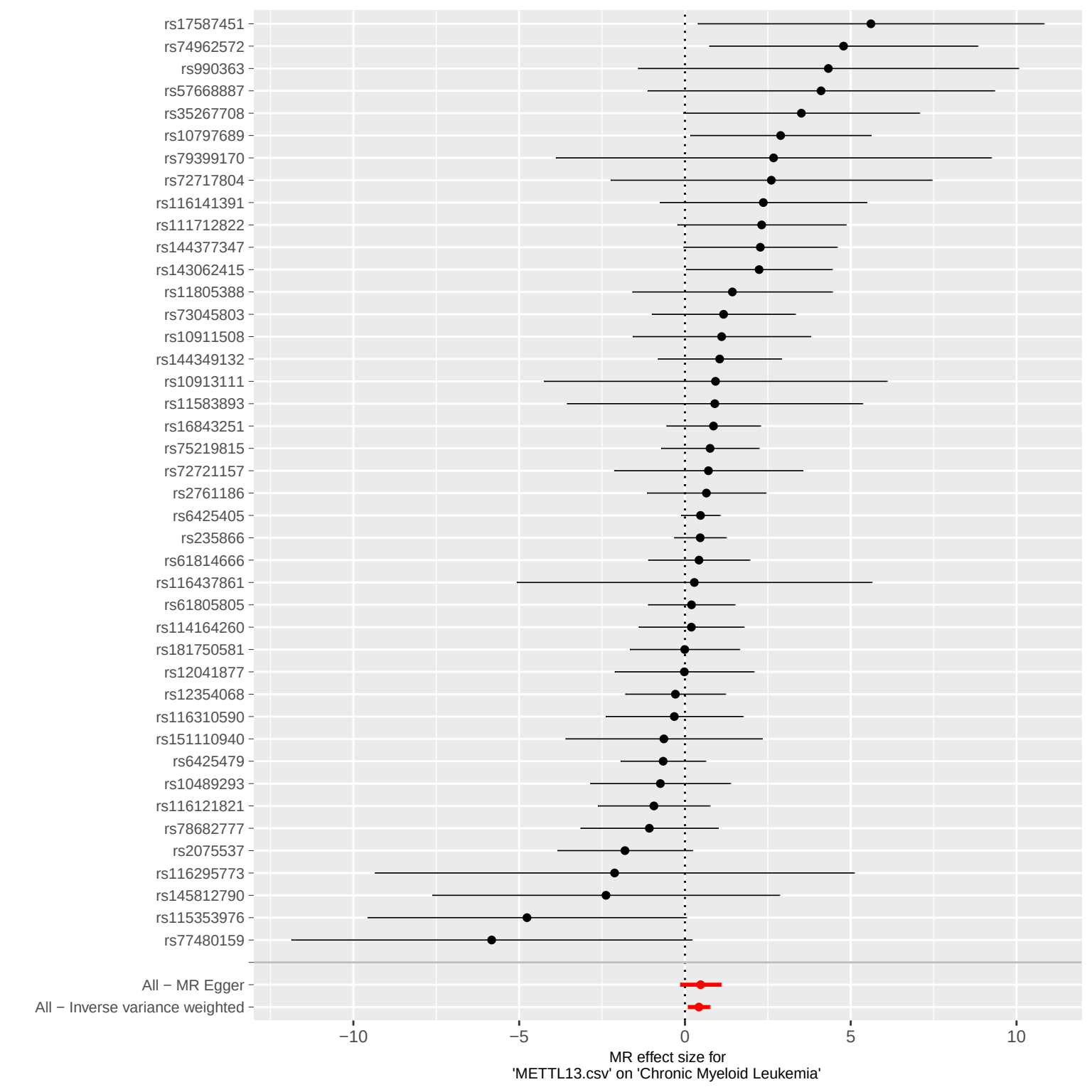
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'METTL10.csv' on 'Chronic Myeloid Leukemia'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rs143062415
rs11805388
rs73045803
rs10911508
rs144349132
rs10913111
rs11583893
rs16843251
rs75219815
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rs6425405
rs235866
rs61814666
rs116437861
rs61805805
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rs181750581
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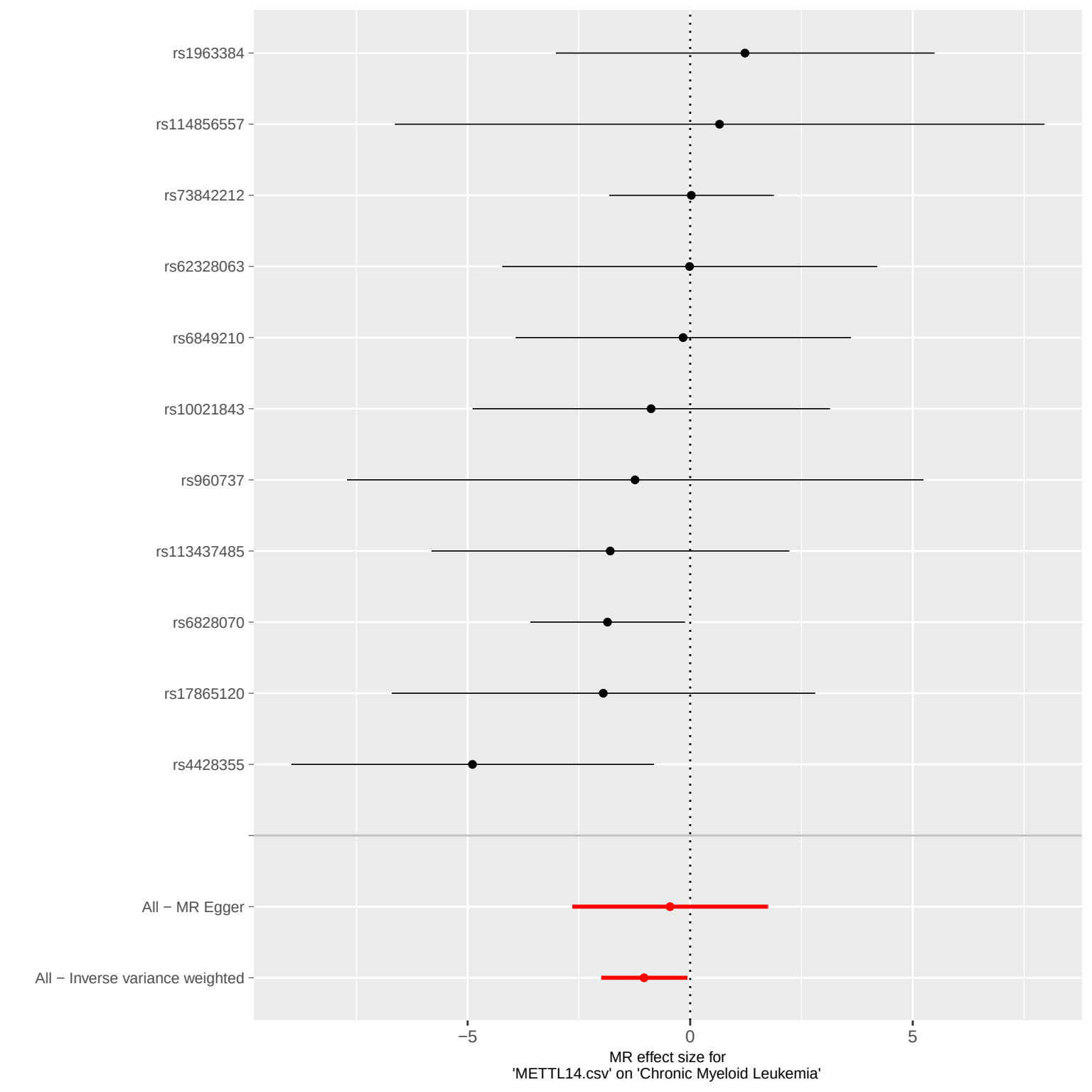
rs151110940
rs6425479
rs10489293
rs116121821
rs78682777
rs2075537
rs116295773
rs145812790
rs115353976
rs77480159
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'METTL13.csv' on 'Chronic Myeloid Leukemia'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rs10021843
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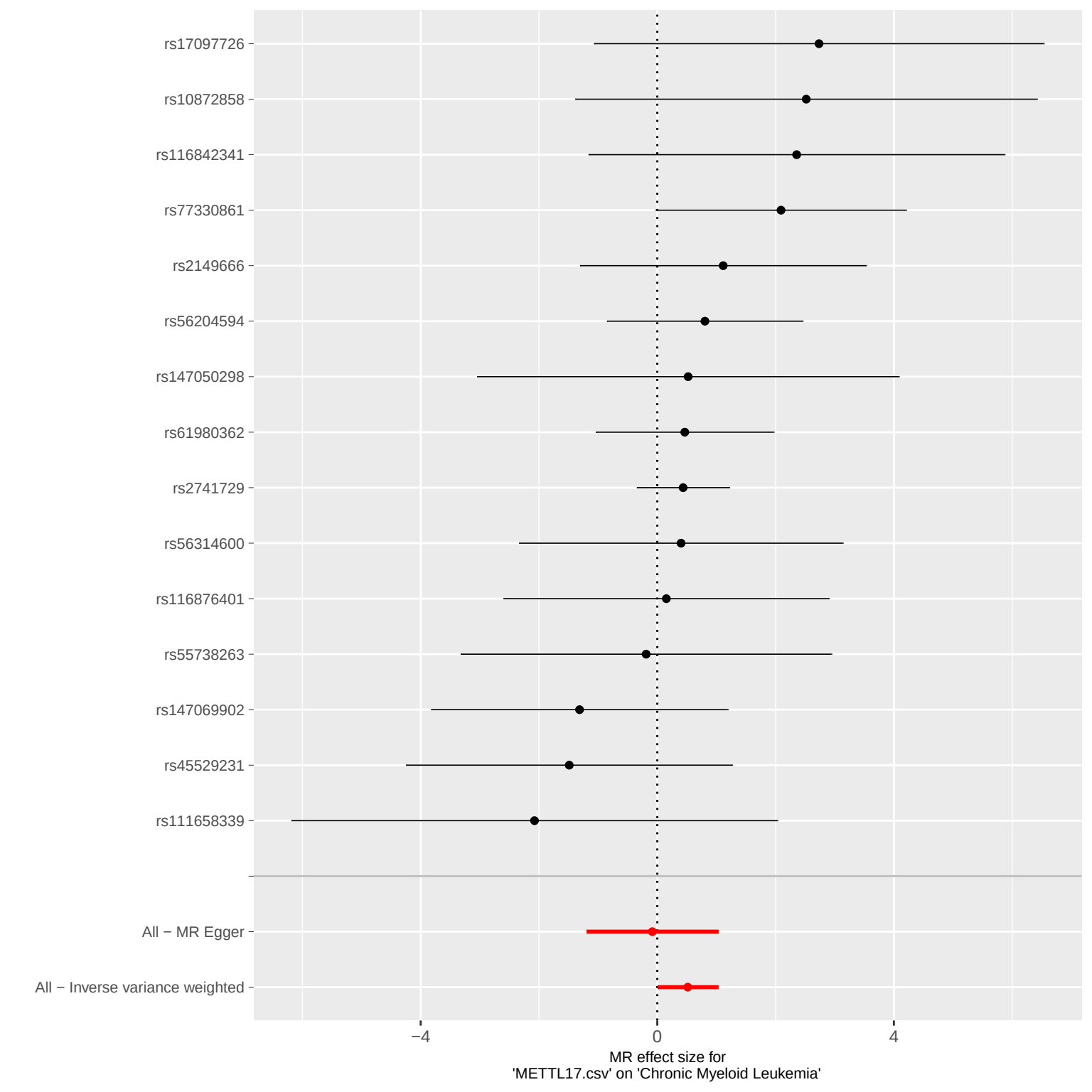
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'METTL14.csv' on 'Chronic Myeloid Leukemia'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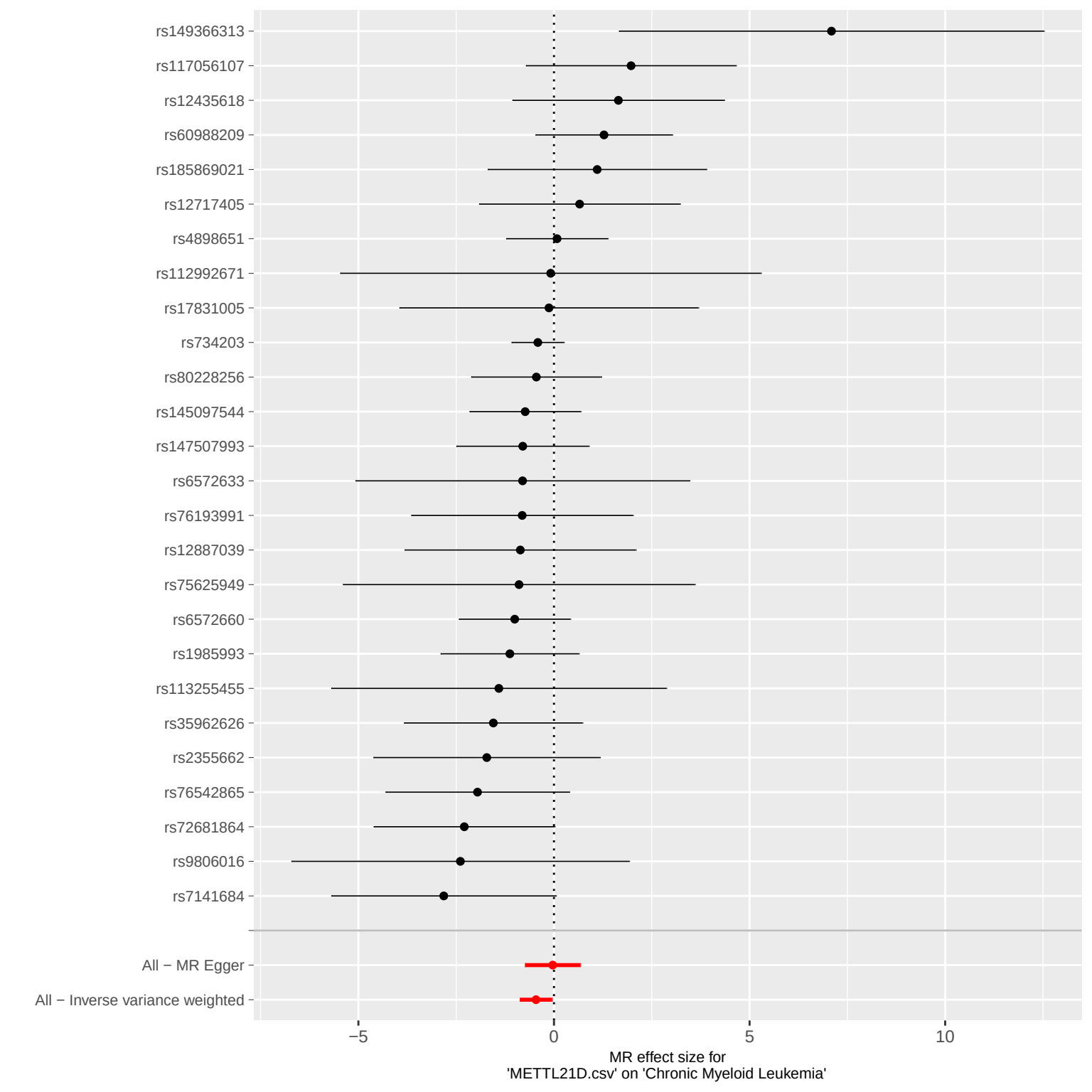
rs56314600
rs116876401
rs55738263
rs147069902
rs45529231
rs111658339
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'METTL17.csv' on 'Chronic Myeloid Leukemia'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rs75625949
rs6572660
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rs113255455
rs35962626
rs2355662
rs76542865
rs72681864
rs9806016
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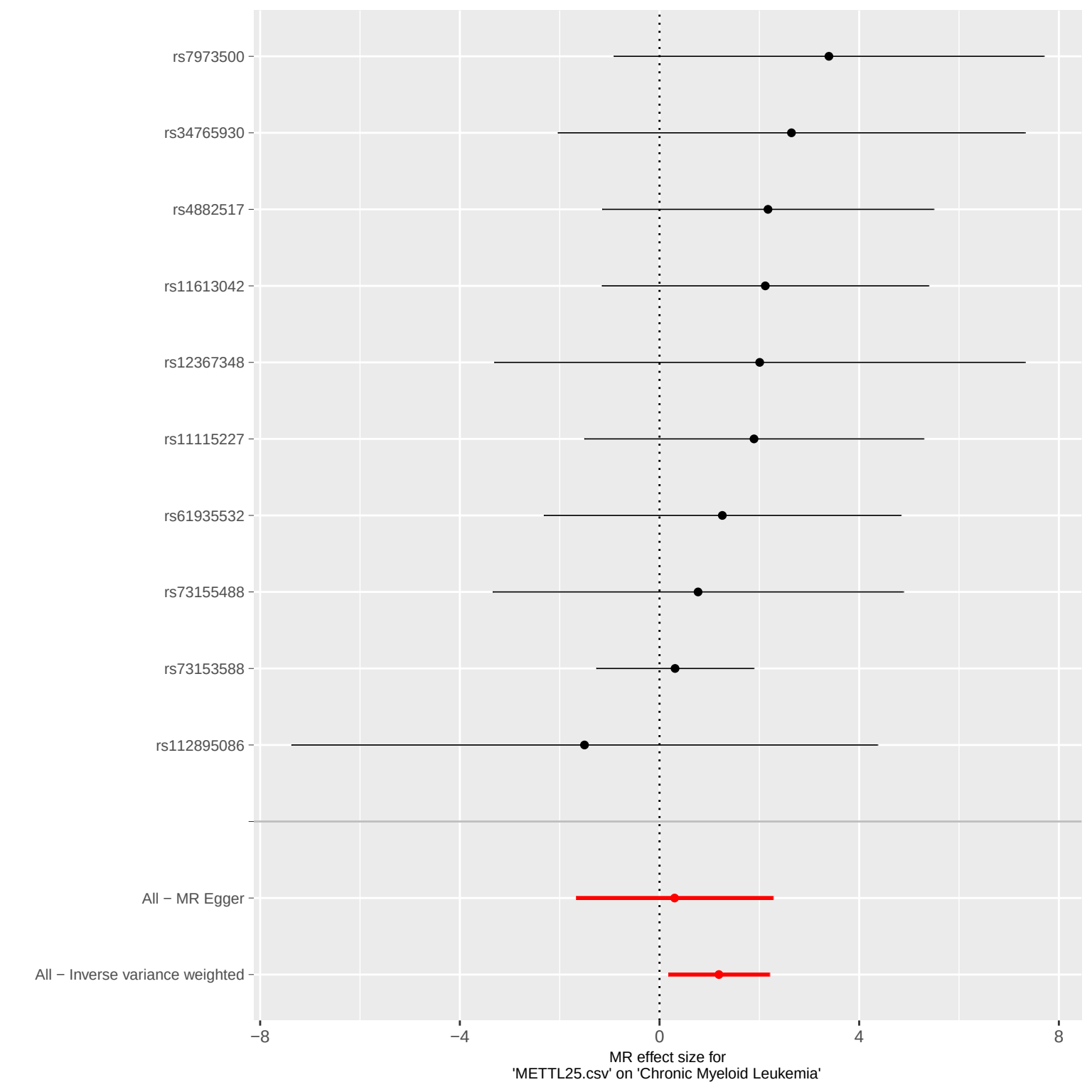
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'METTL21D.csv' on 'Chronic Myeloid Leukemia'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rs11115227
rs61935532
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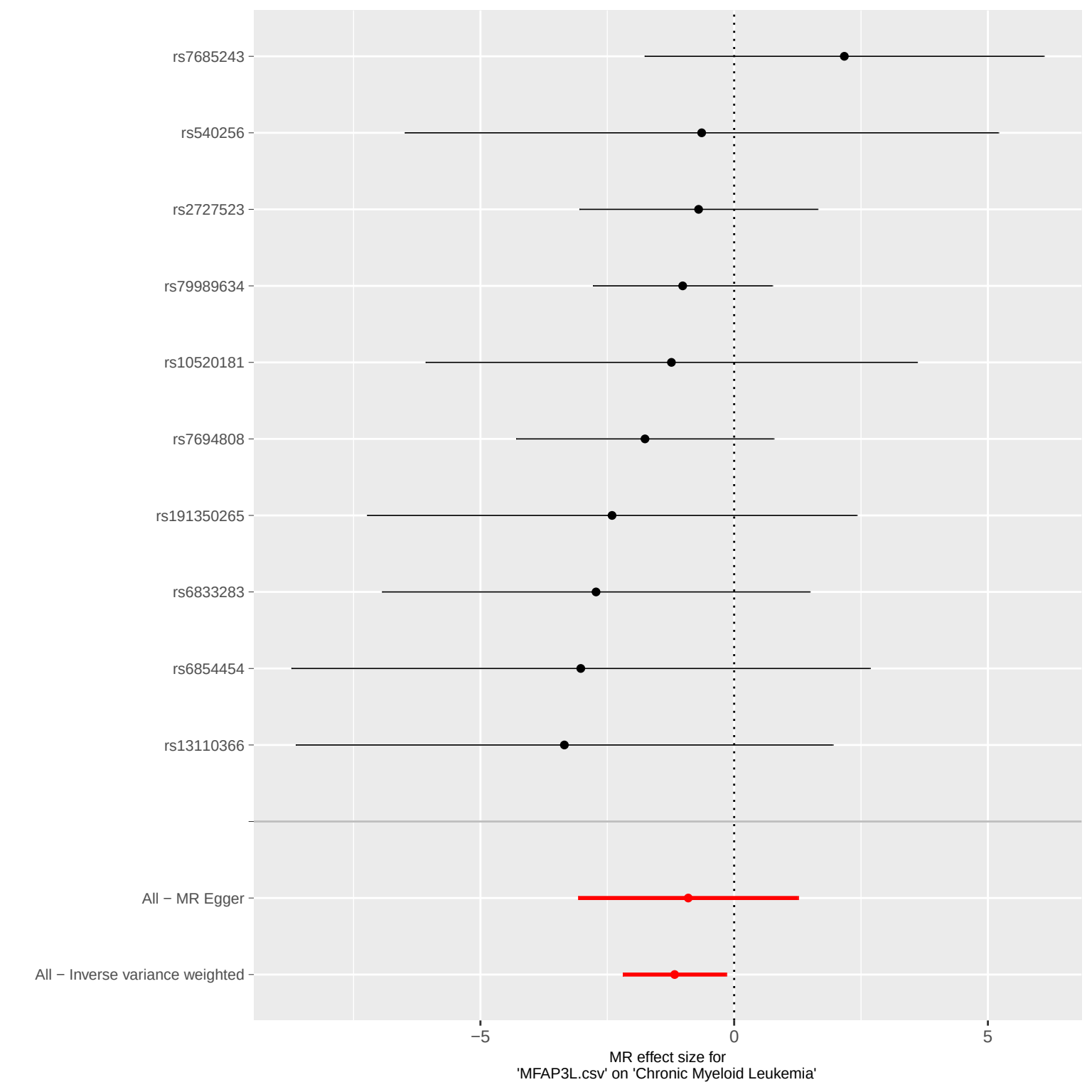
rs73153588
rs112895086
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'METTL25.csv' on 'Chronic Myeloid Leukemia'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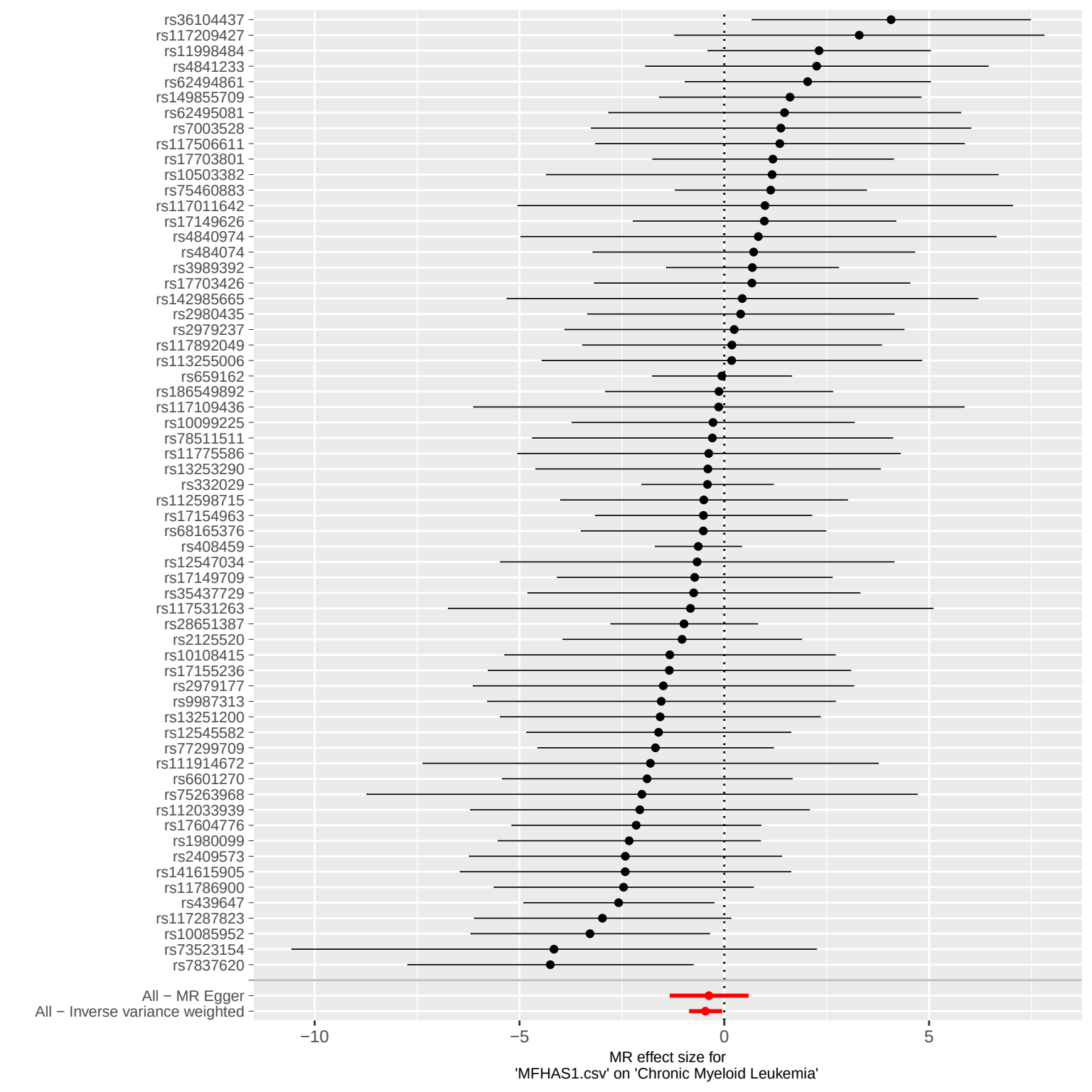
rs540256
rs2727523
rs79989634
rs10520181
rs7694808
rs191350265
rs6833283
rs6854454
rs13110366
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MFAP3L.csv' on 'Chronic Myeloid Leukemia'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rs117892049
rs113255006
rs659162
rs186549892
rs117109436
rs10099225
rs78511511
rs11775586
rs13253290
rs332029
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rs6601270
rs75263968
rs112033939
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rs1980099
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rs10085952
rs73523154
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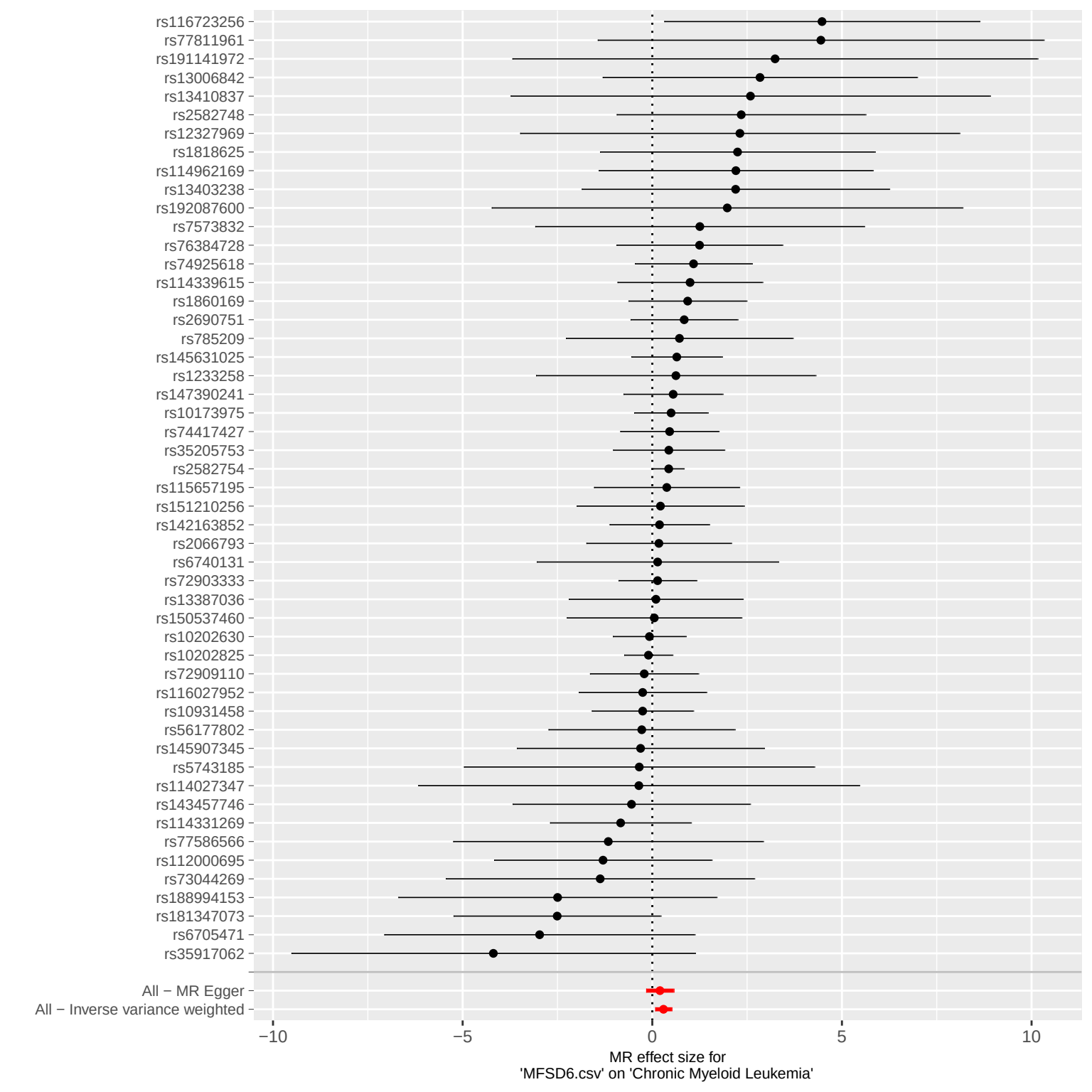
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'MFHAS1.csv' on 'Chronic Myeloid Leukemia'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rs73044269
rs188994153
rs181347073
rs6705471
rs35917062
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
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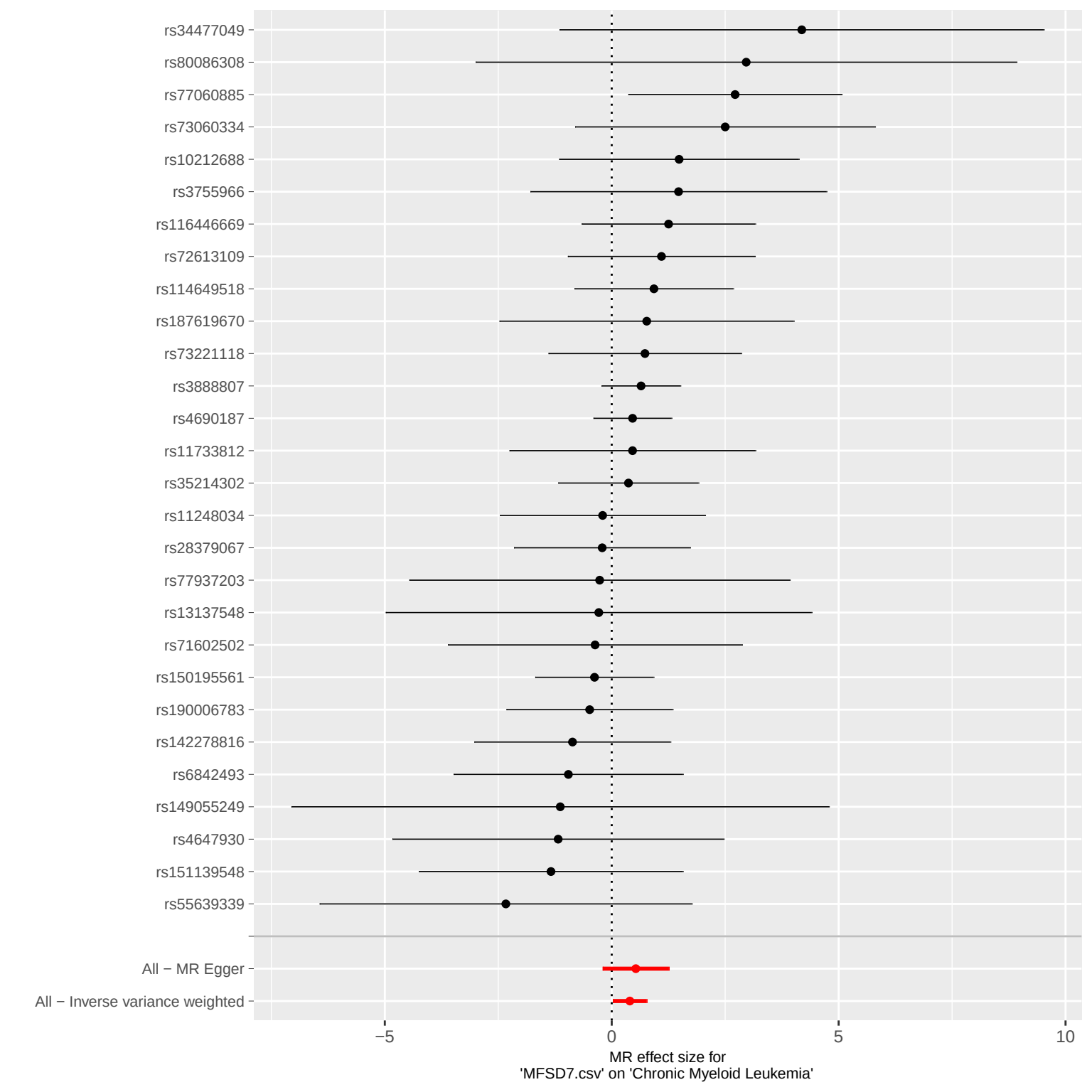
MR effect size for
'MFSD6.csv' on 'Chronic Myeloid Leukemia'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rs71602502
rs150195561
rs190006783
rs142278816
rs6842493
rs149055249
rs4647930
rs151139548
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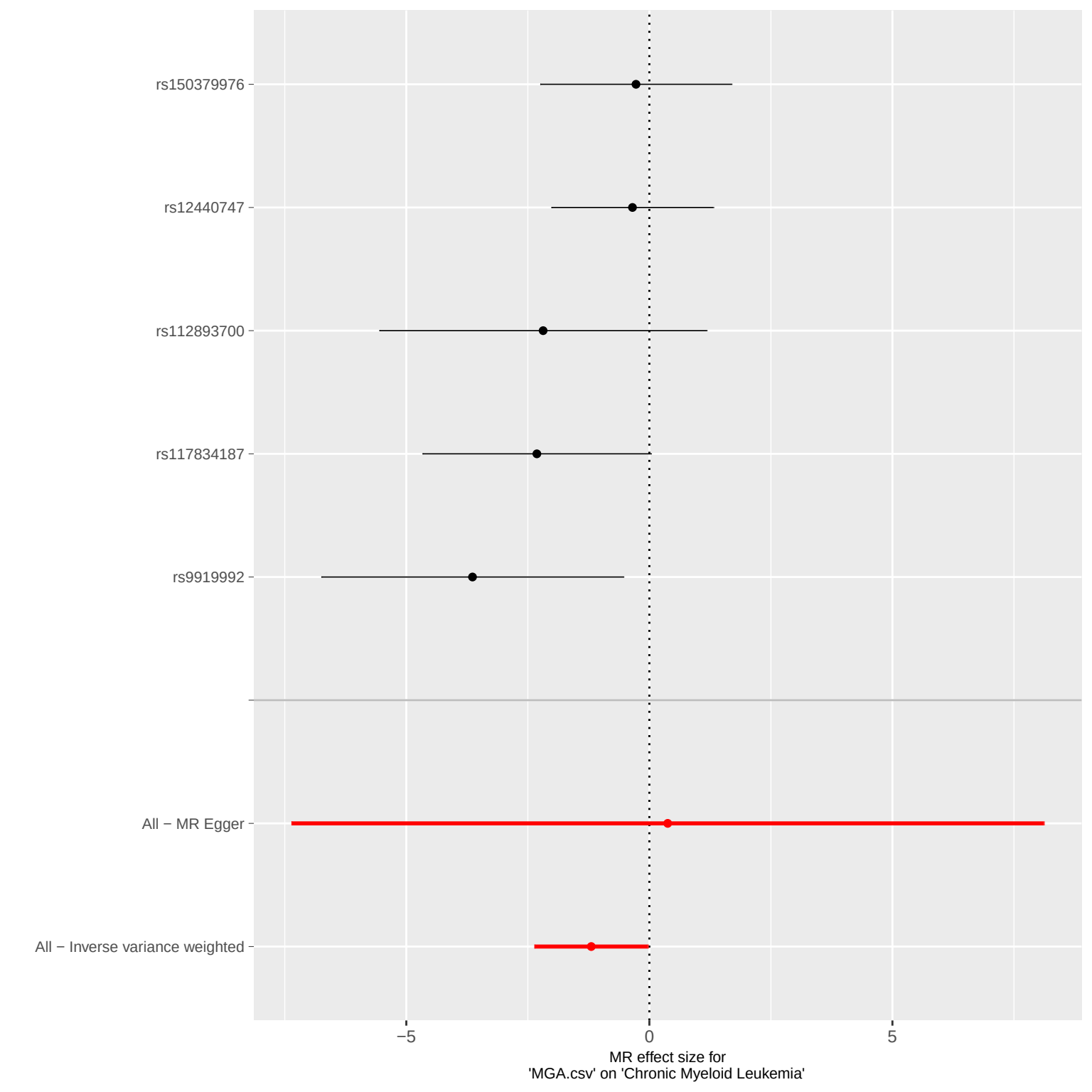
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'MFSD7.csv' on 'Chronic Myeloid Leukemia'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rs12440747
rs112893700
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rs9919992
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All − Inverse variance weighted
−5
0
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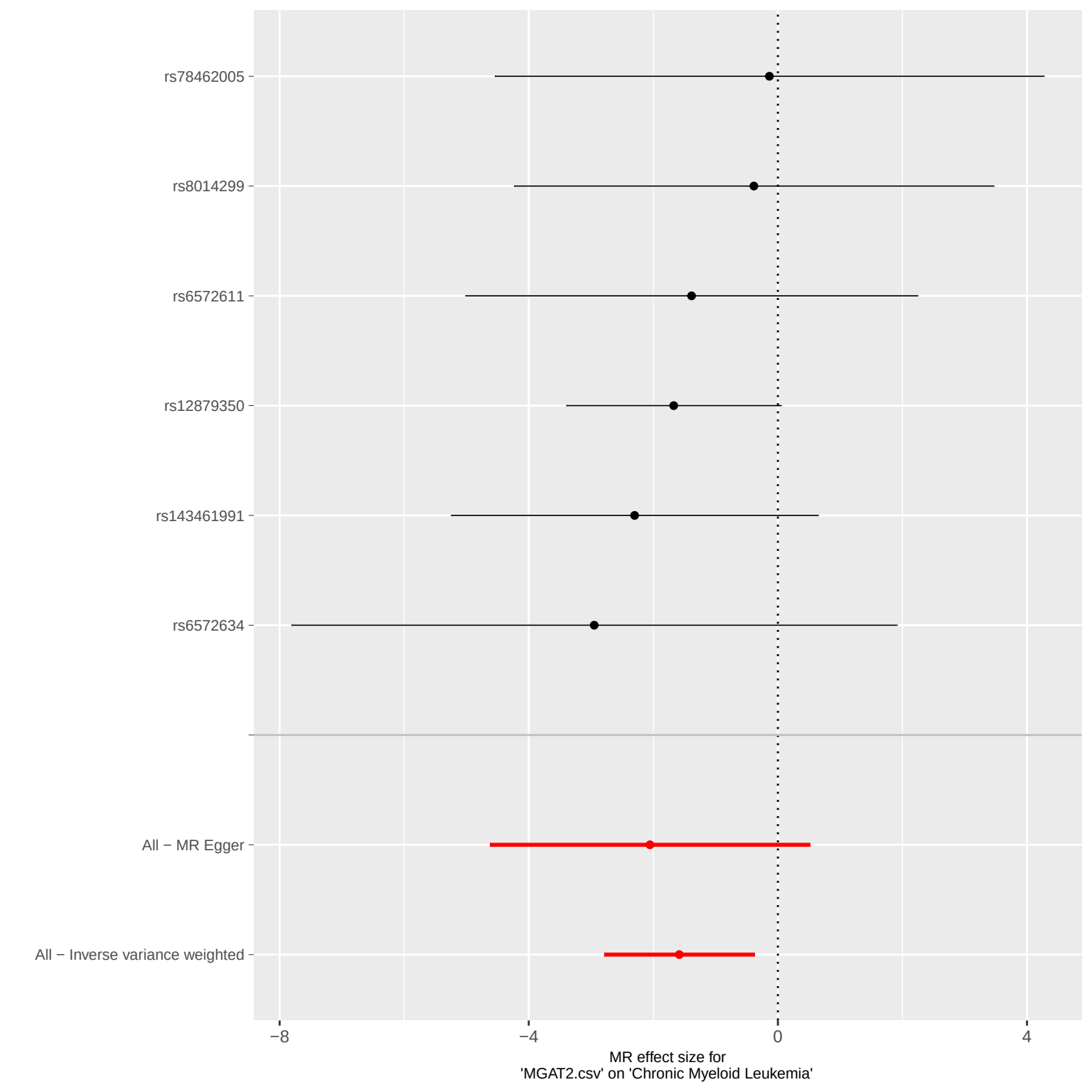
MR effect size for
'MGA.csv' on 'Chronic Myeloid Leukemia'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rs8014299
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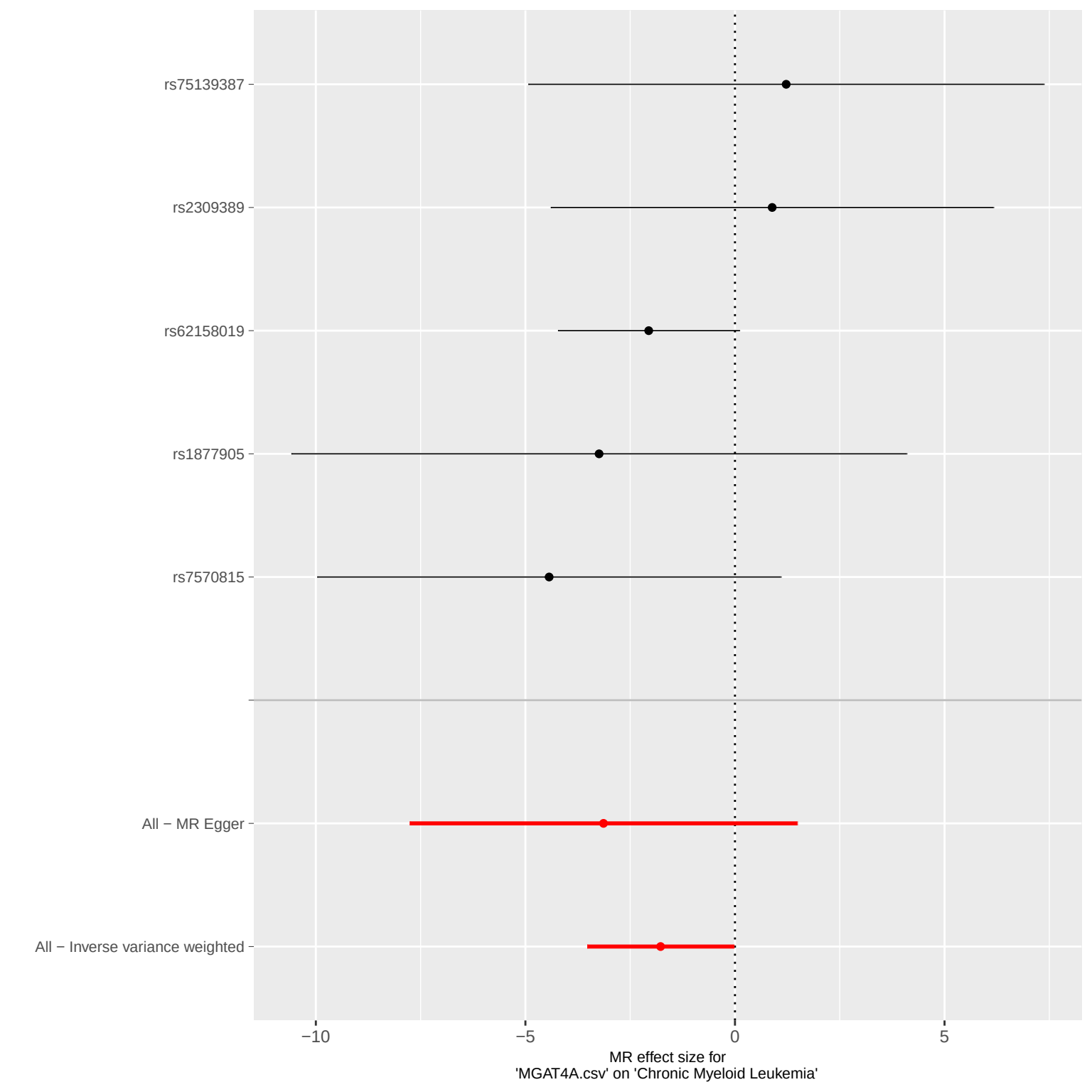
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MGAT2.csv' on 'Chronic Myeloid Leukemia'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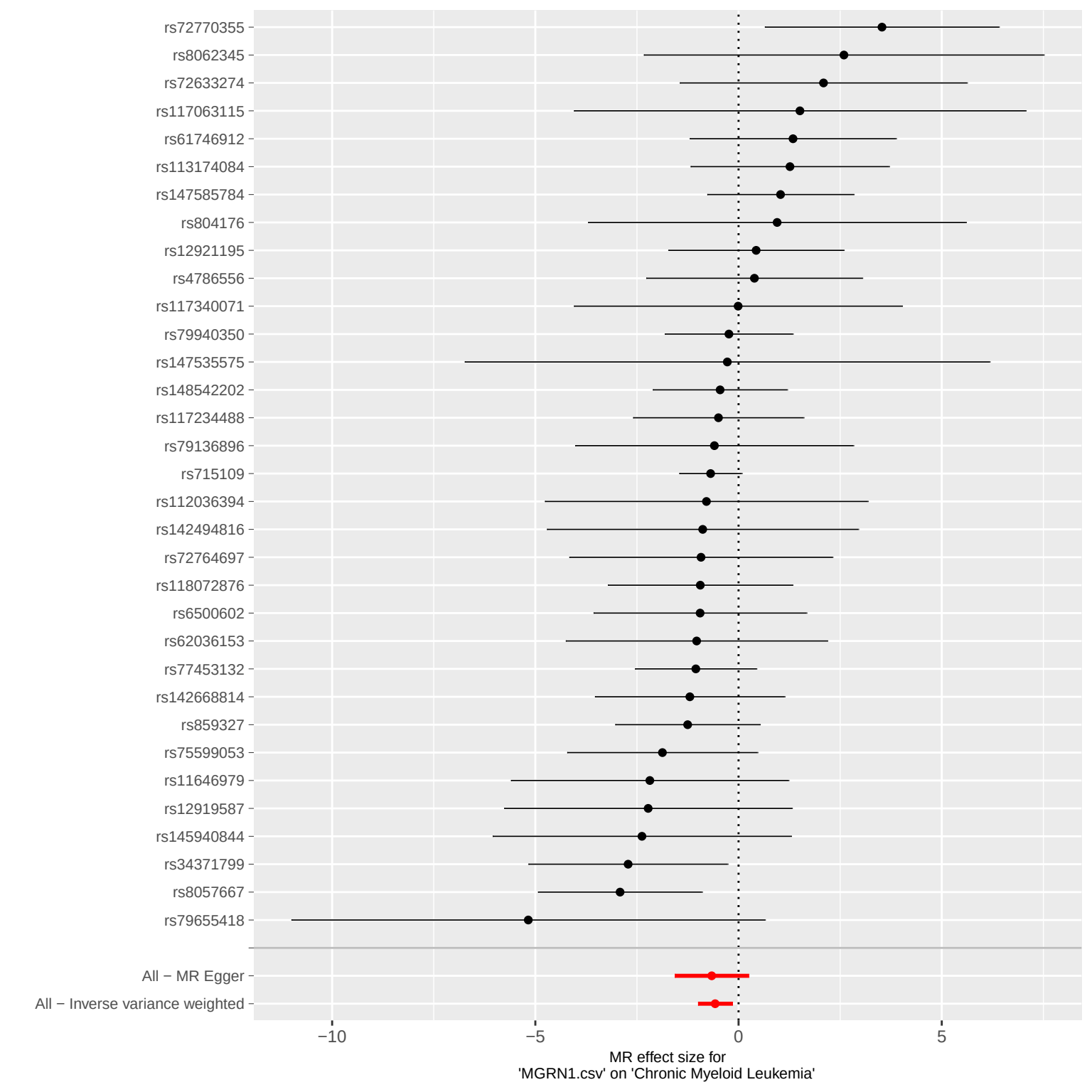
rs2309389
rs62158019
rs1877905
rs7570815
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'MGAT4A.csv' on 'Chronic Myeloid Leukemia'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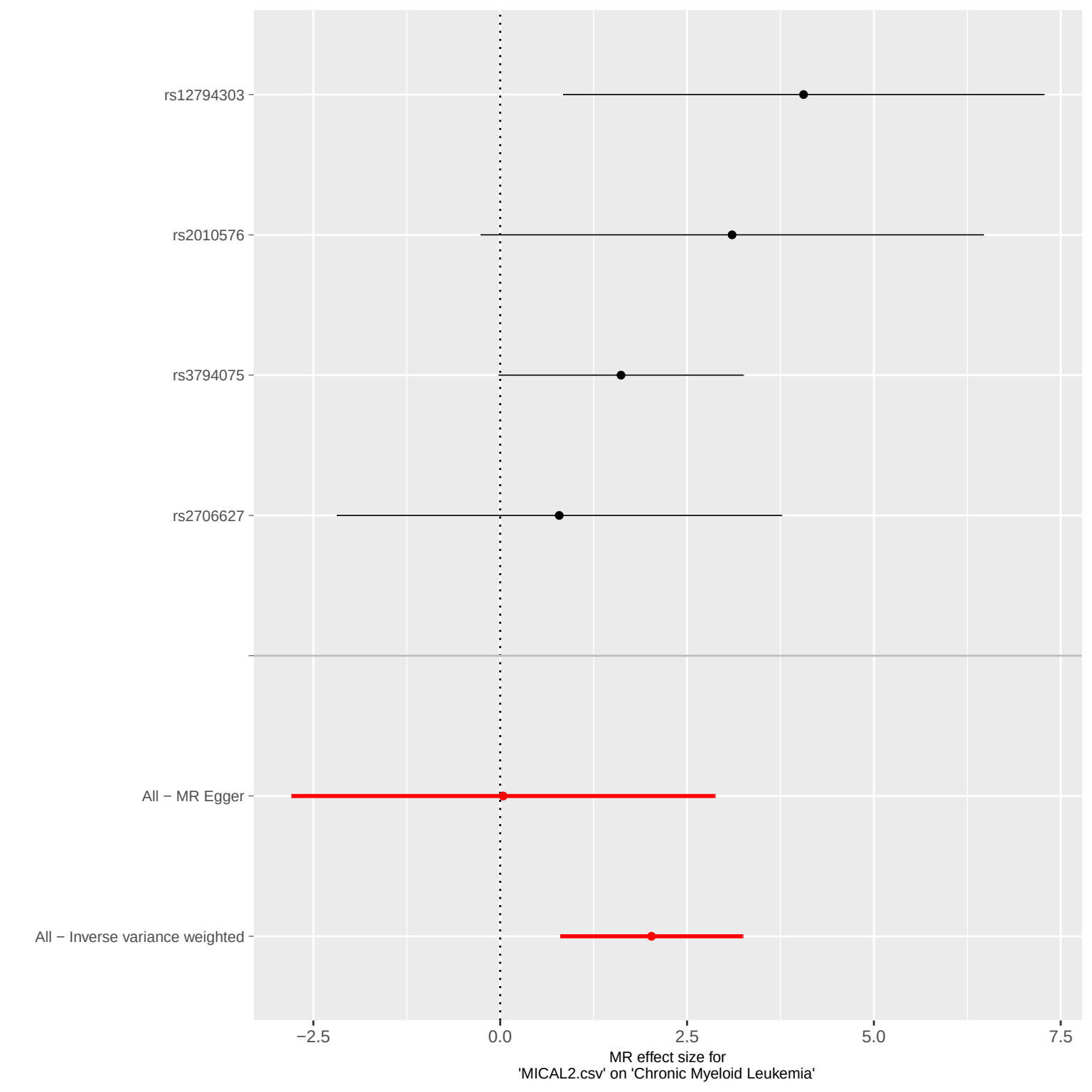
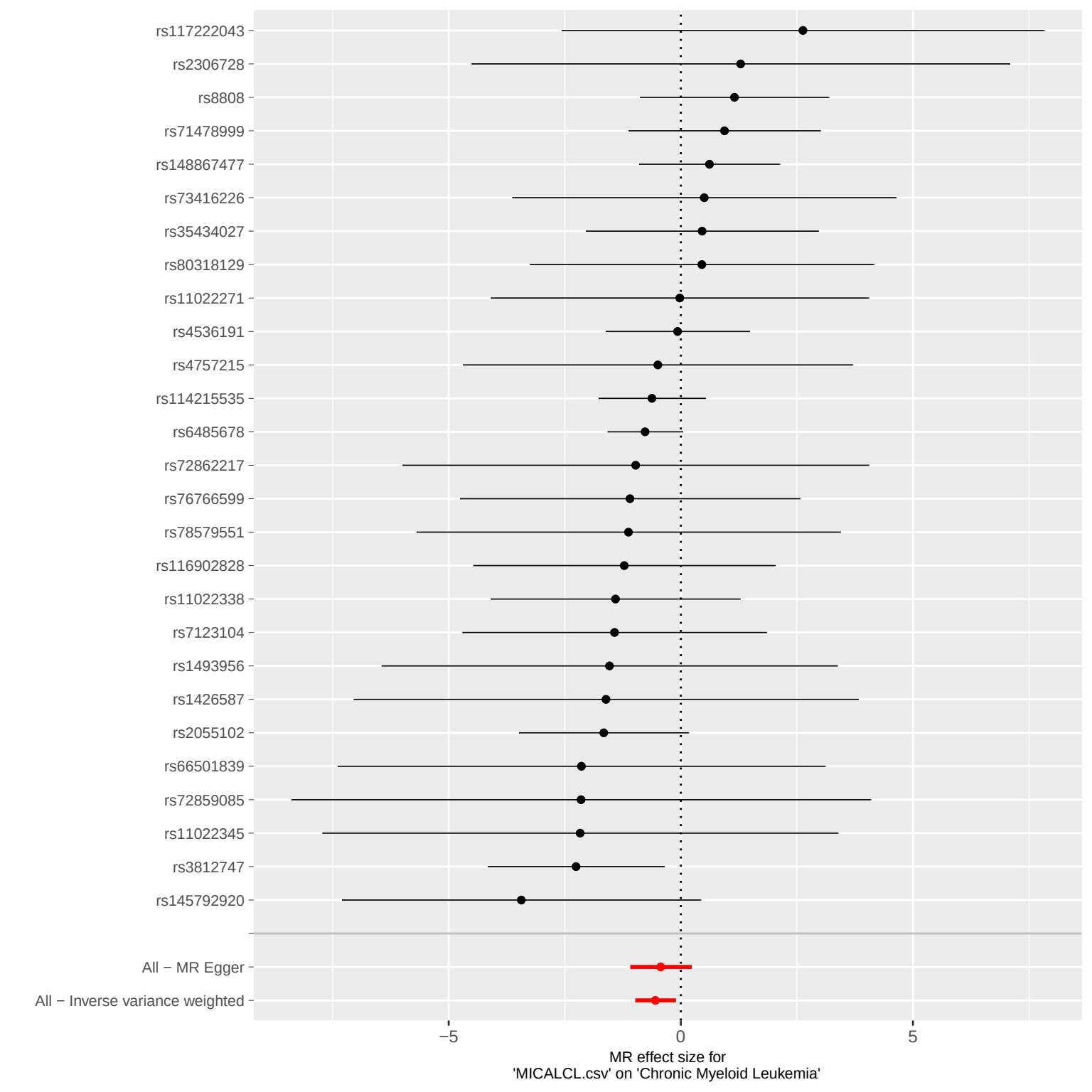
rs79940350
rs147535575
rs148542202
rs117234488
rs79136896
rs715109
rs112036394
rs142494816
rs72764697
rs118072876
rs6500602
rs62036153
rs77453132
rs142668814
rs859327
rs75599053
rs11646979
rs12919587
rs145940844
rs34371799
rs8057667
rs79655418
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'MGRN1.csv' on 'Chronic Myeloid Leukemia'


rs12794303
rs2010576
rs3794075
rs2706627
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'MICAL2.csv' on 'Chronic Myeloid Leukemia'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rs11022338
rs7123104
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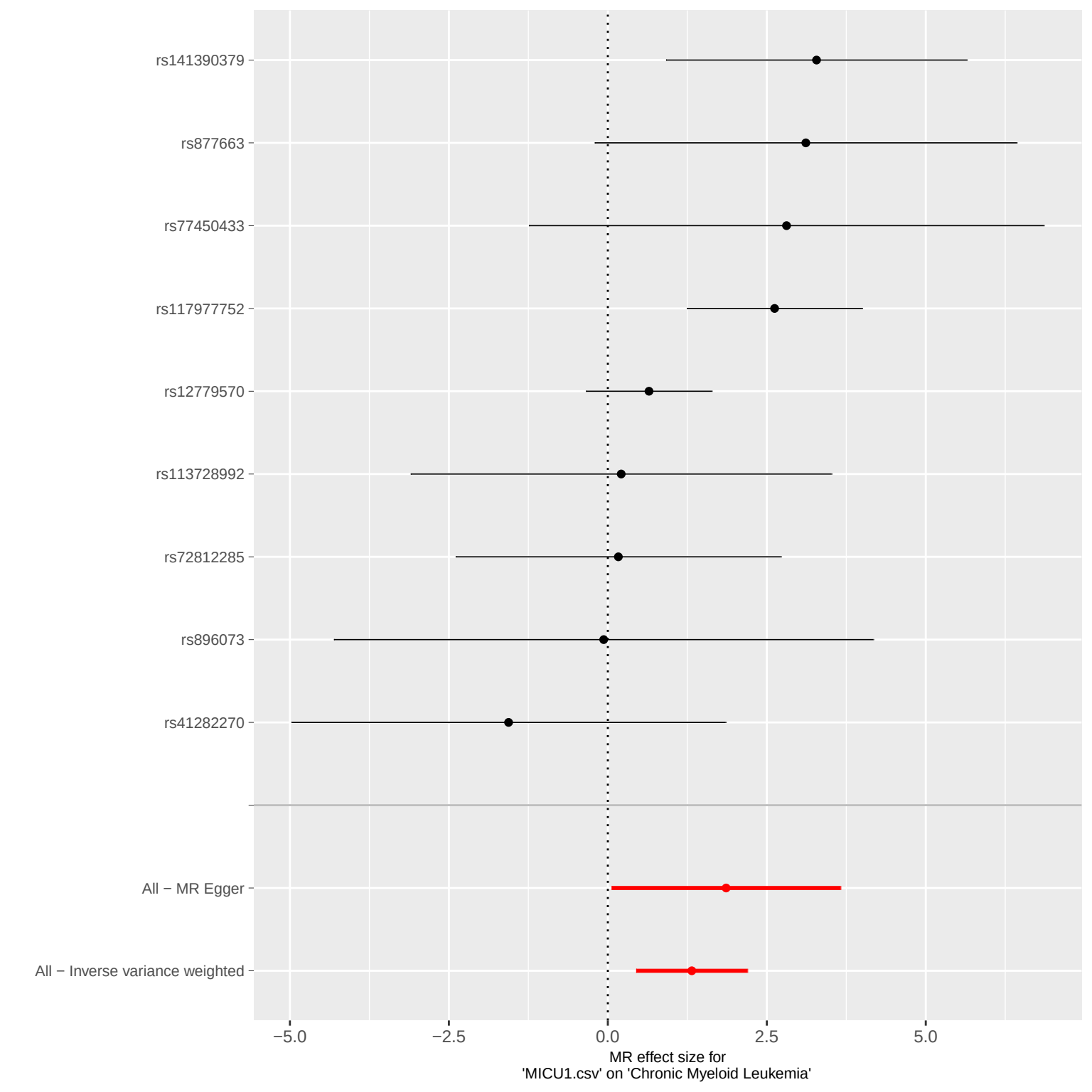
rs2055102
rs66501839
rs72859085
rs11022345
rs3812747
rs145792920
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MICALCL.csv' on 'Chronic Myeloid Leukemia'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rs77450433
rs117977752
rs12779570
rs113728992
rs72812285
rs896073
rs41282270
All − MR Egger
All − Inverse variance weighted
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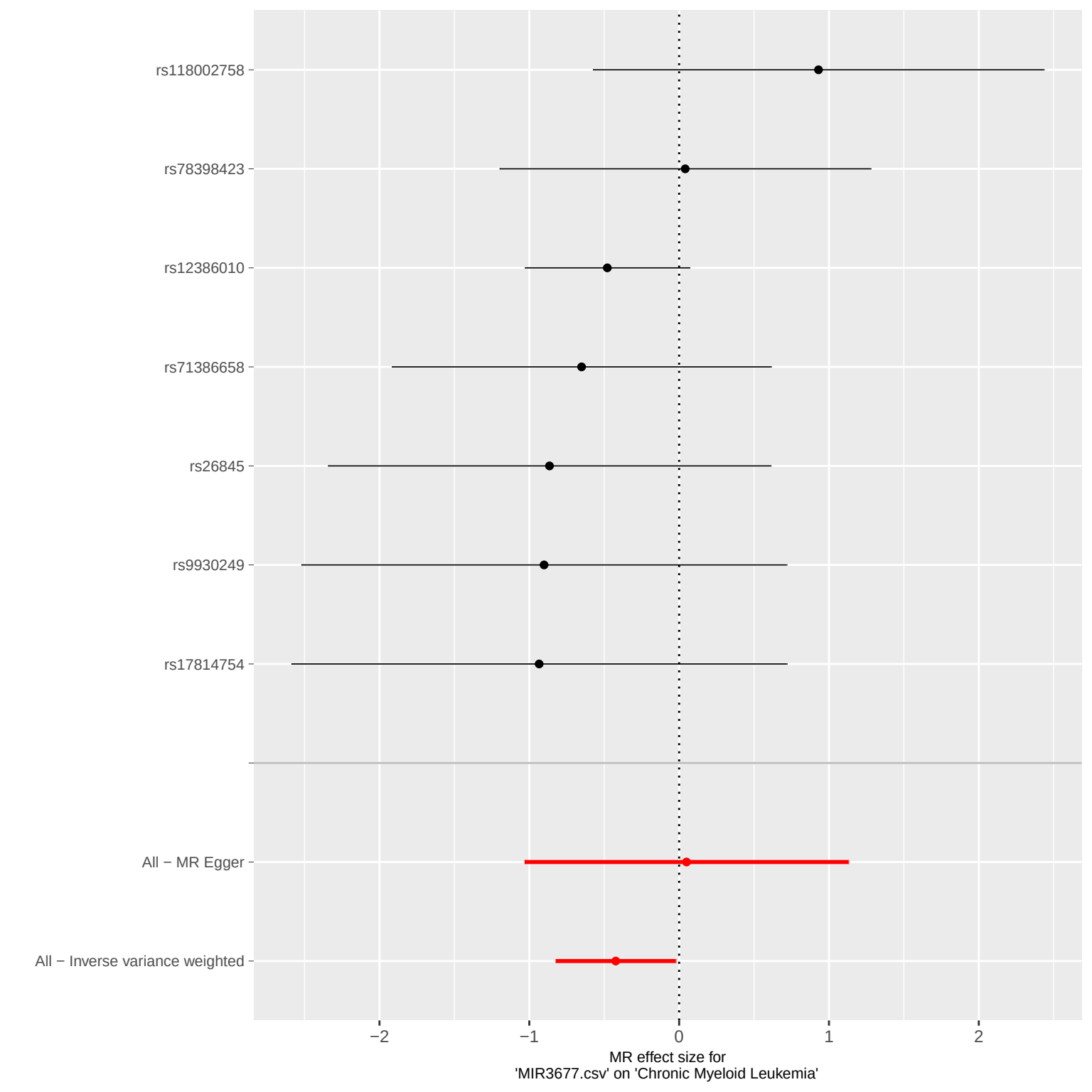
−2.5
0.0
2.5
5.0
MR effect size for
'MICU1.csv' on 'Chronic Myeloid Leukemia'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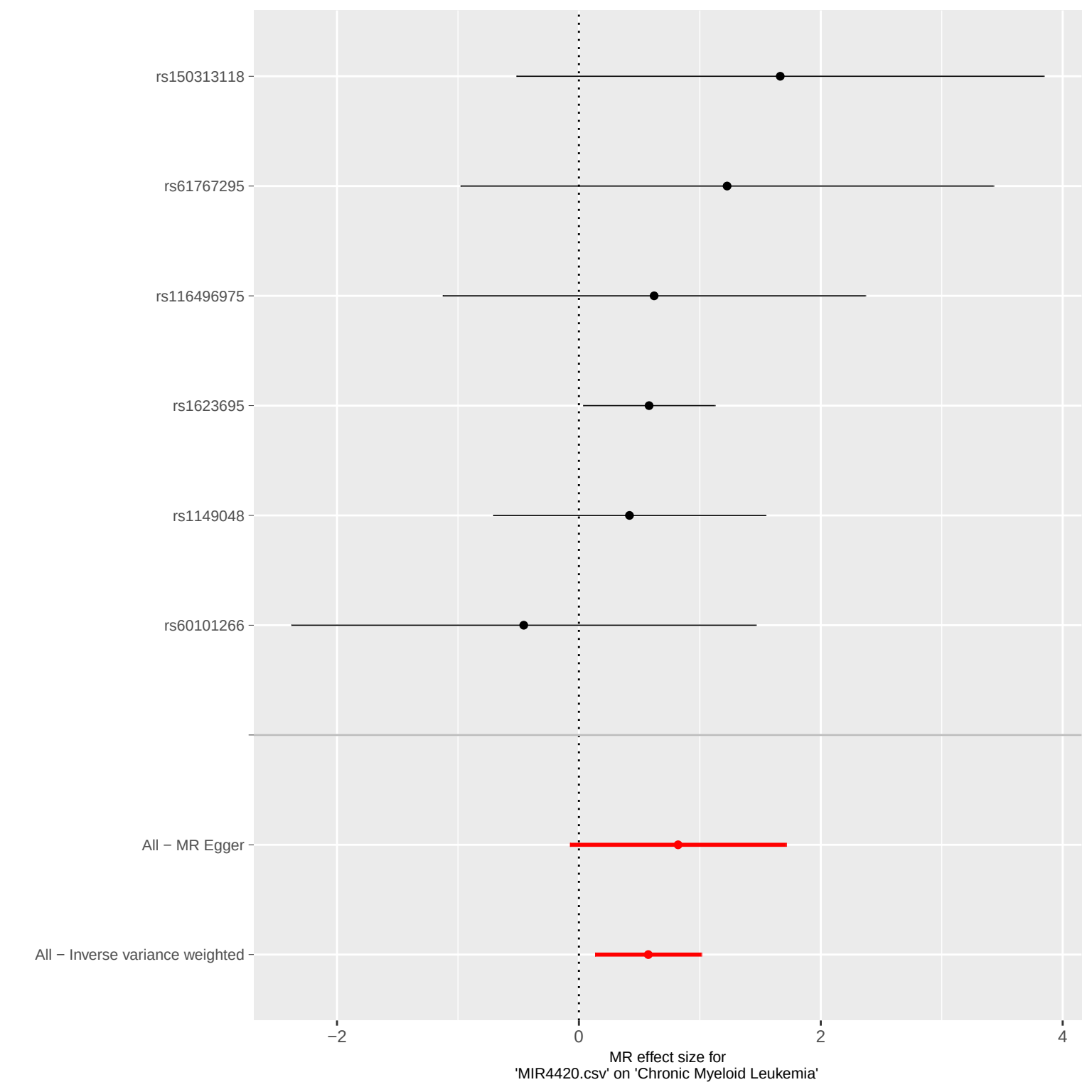
rs78398423
rs12386010
rs71386658
rs26845
rs9930249
rs17814754
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'MIR3677.csv' on 'Chronic Myeloid Leukemia'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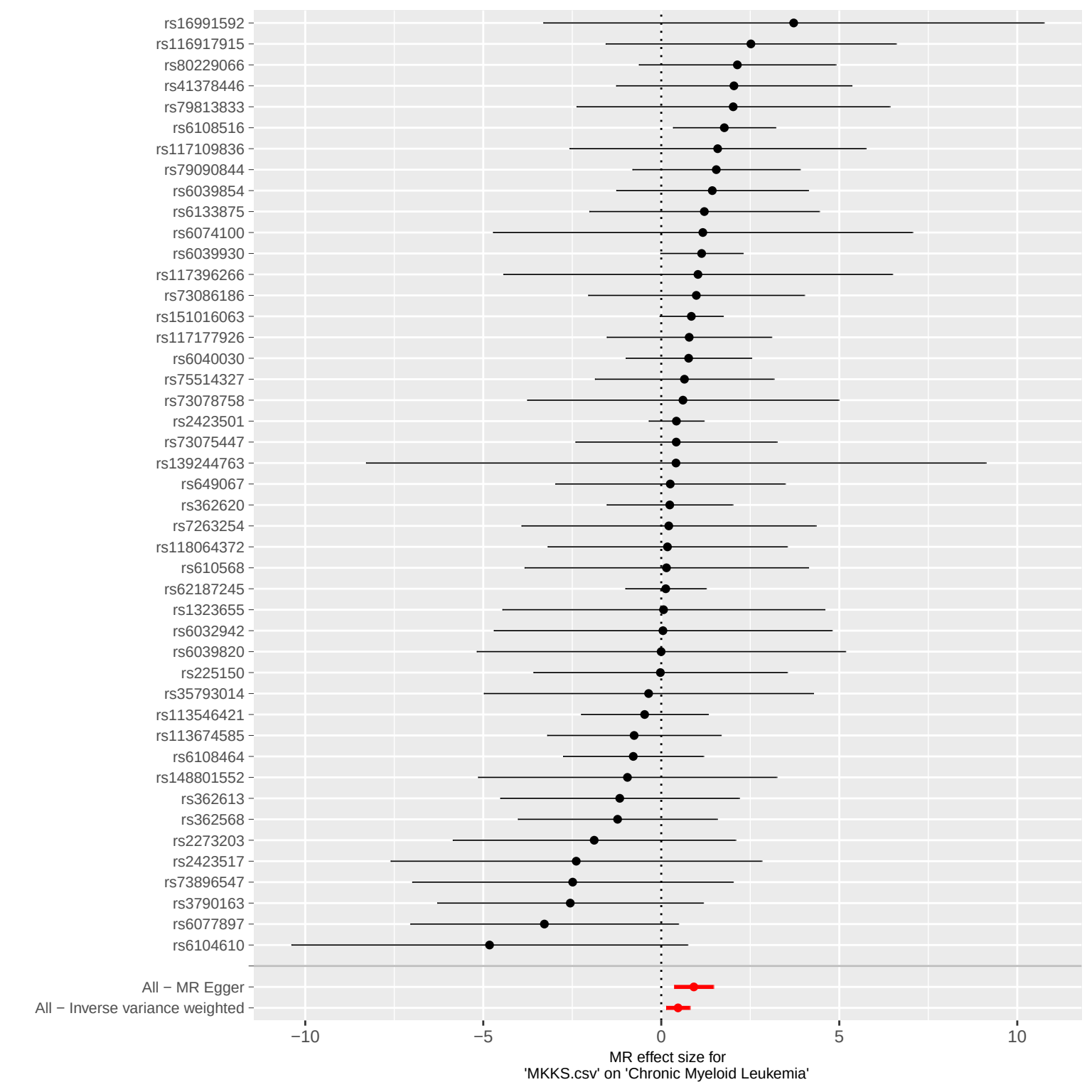
rs1623695
rs1149048
rs60101266
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'MIR4420.csv' on 'Chronic Myeloid Leukemia'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rs151016063
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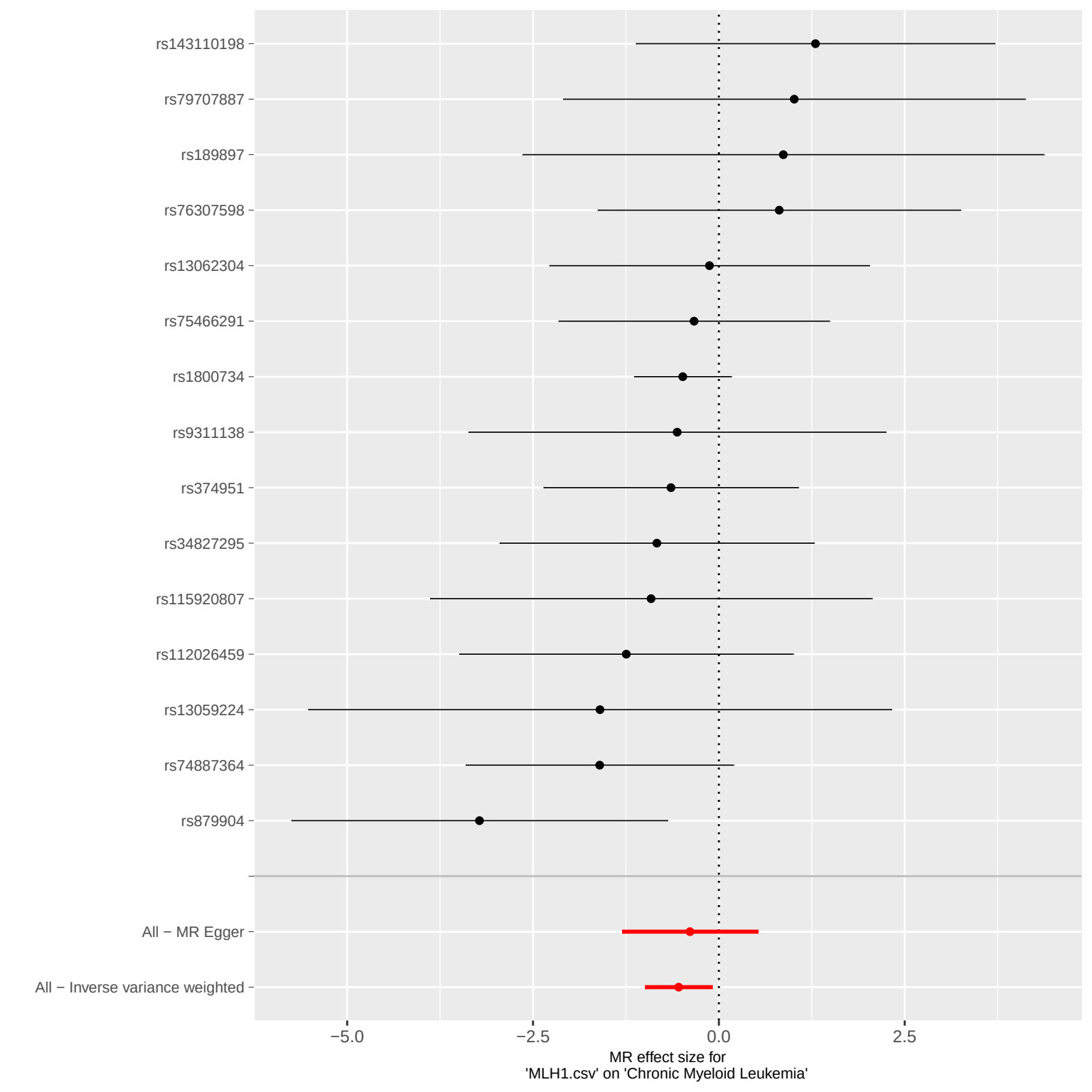
rs2273203
rs2423517
rs73896547
rs3790163
rs6077897
rs6104610
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'MKKS.csv' on 'Chronic Myeloid Leukemia'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rs1800734
rs9311138
rs374951
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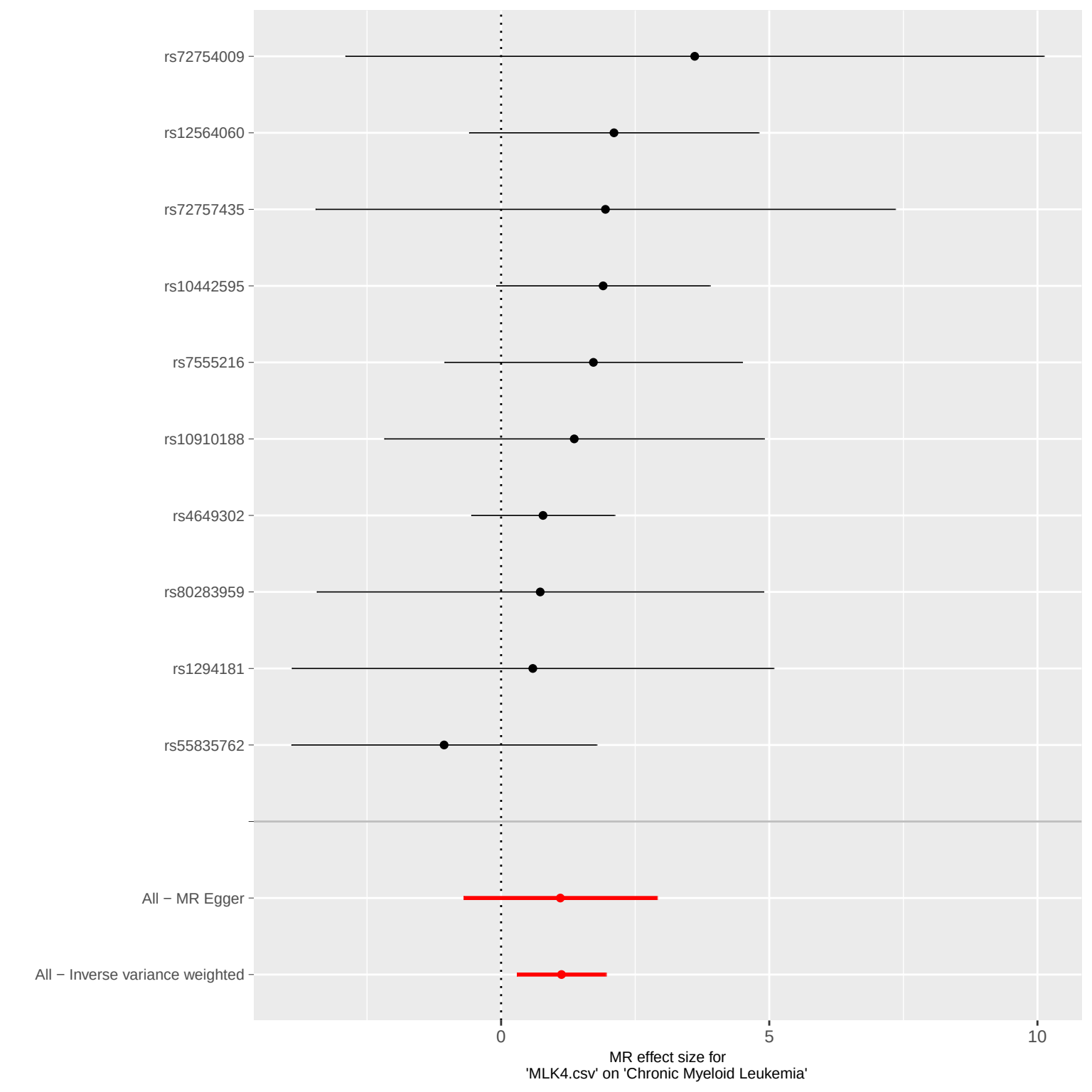
rs115920807
rs112026459
rs13059224
rs74887364
rs879904
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MLH1.csv' on 'Chronic Myeloid Leukemia'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rs7555216
rs10910188
rs4649302
rs80283959
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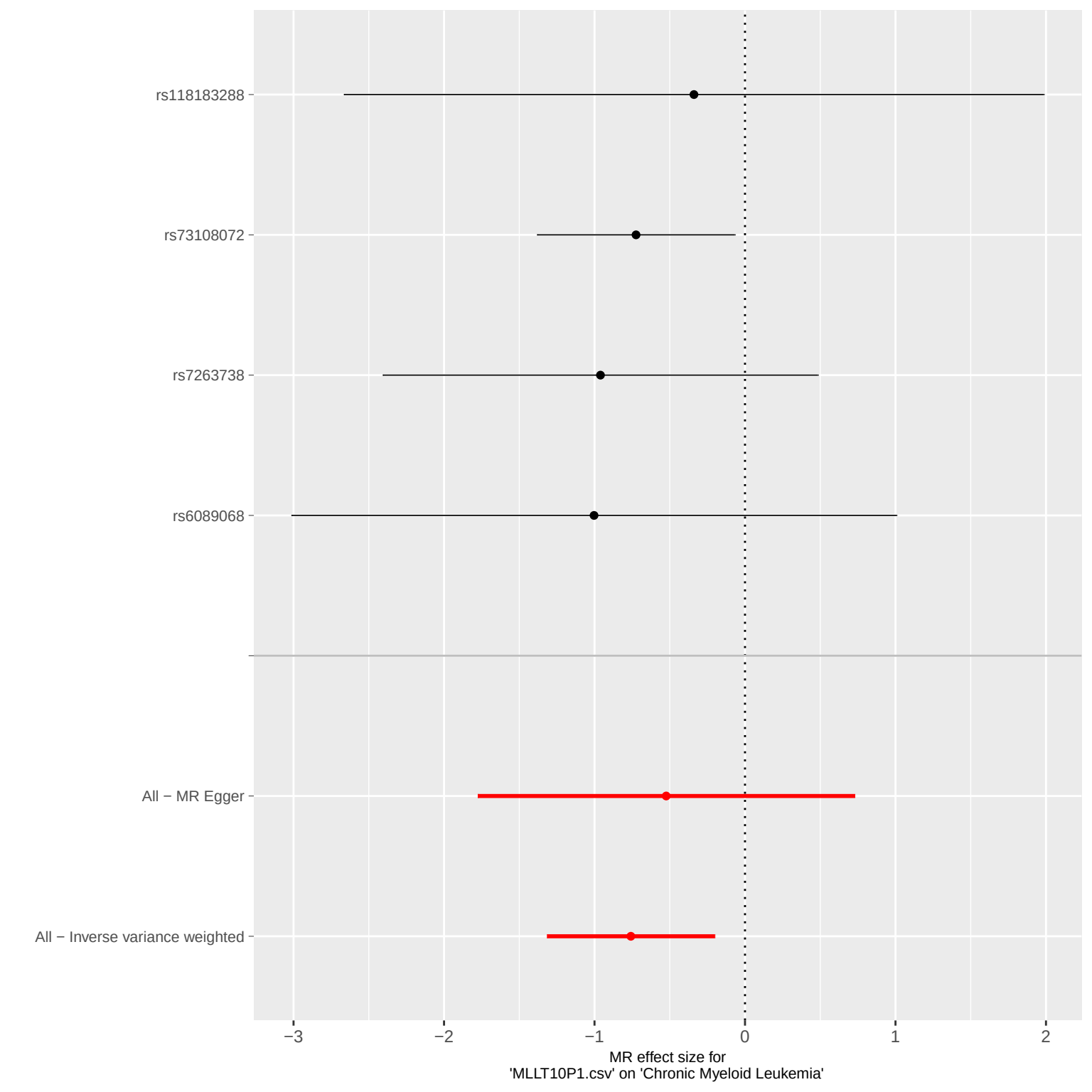
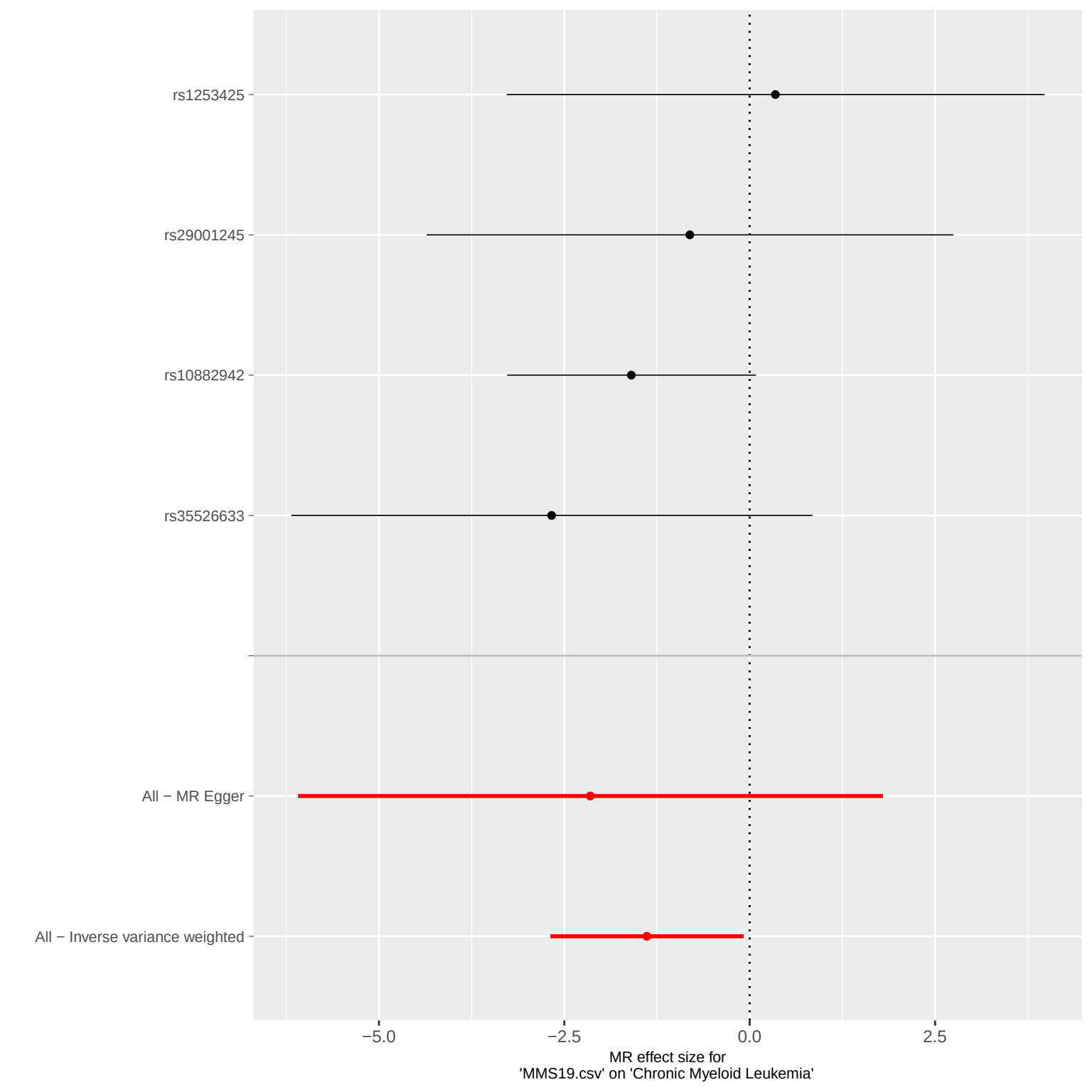
rs55835762
All − MR Egger
All − Inverse variance weighted
0
5
10
MR effect size for
'MLK4.csv' on 'Chronic Myeloid Leukemia'


rs118183288
rs73108072
rs7263738
rs6089068
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'MLLT10P1.csv' on 'Chronic Myeloid Leukemia'


rs1253425
rs29001245
rs10882942
rs35526633
All − MR Egger
All − Inverse variance weighted
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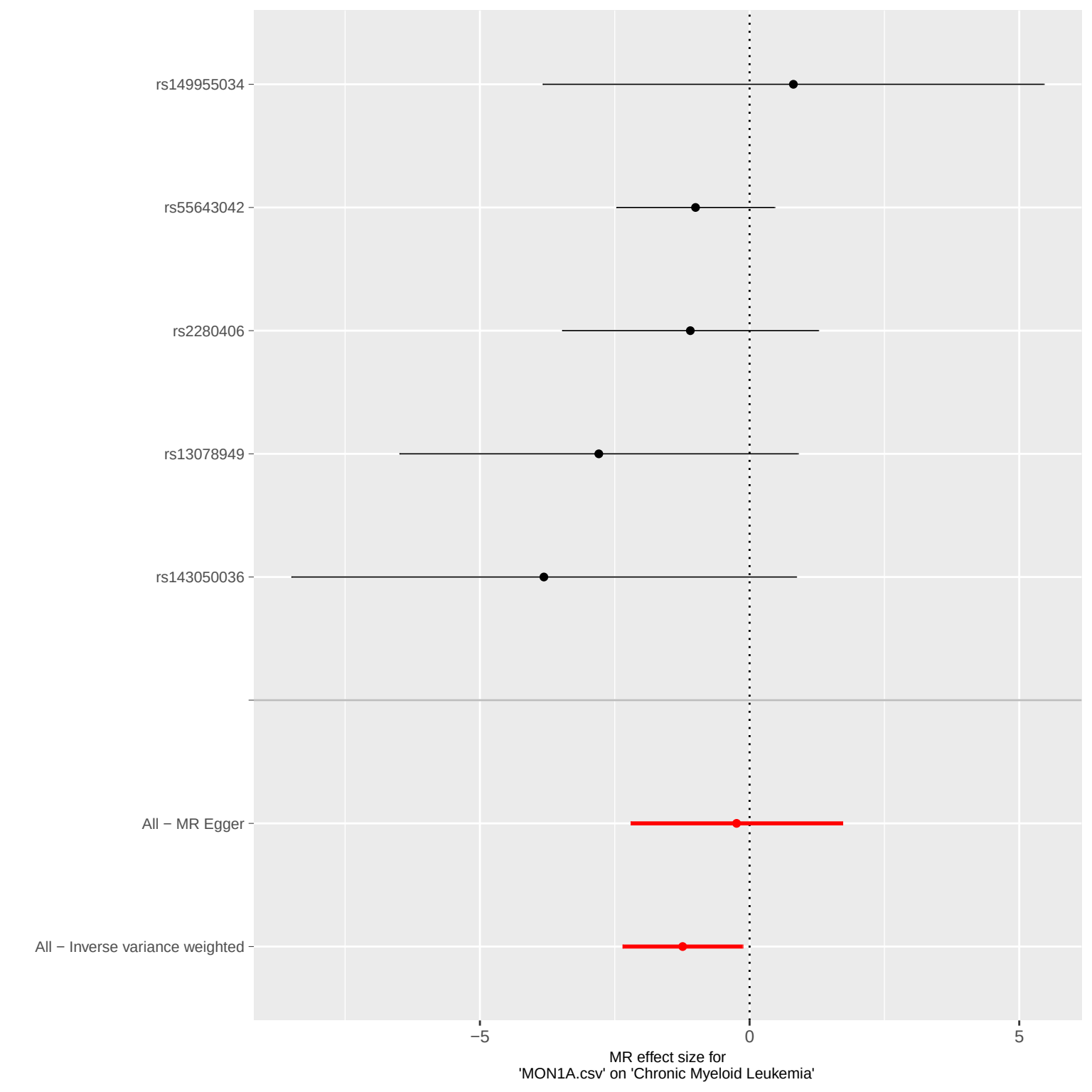
−2.5
0.0
2.5
MR effect size for
'MMS19.csv' on 'Chronic Myeloid Leukemia'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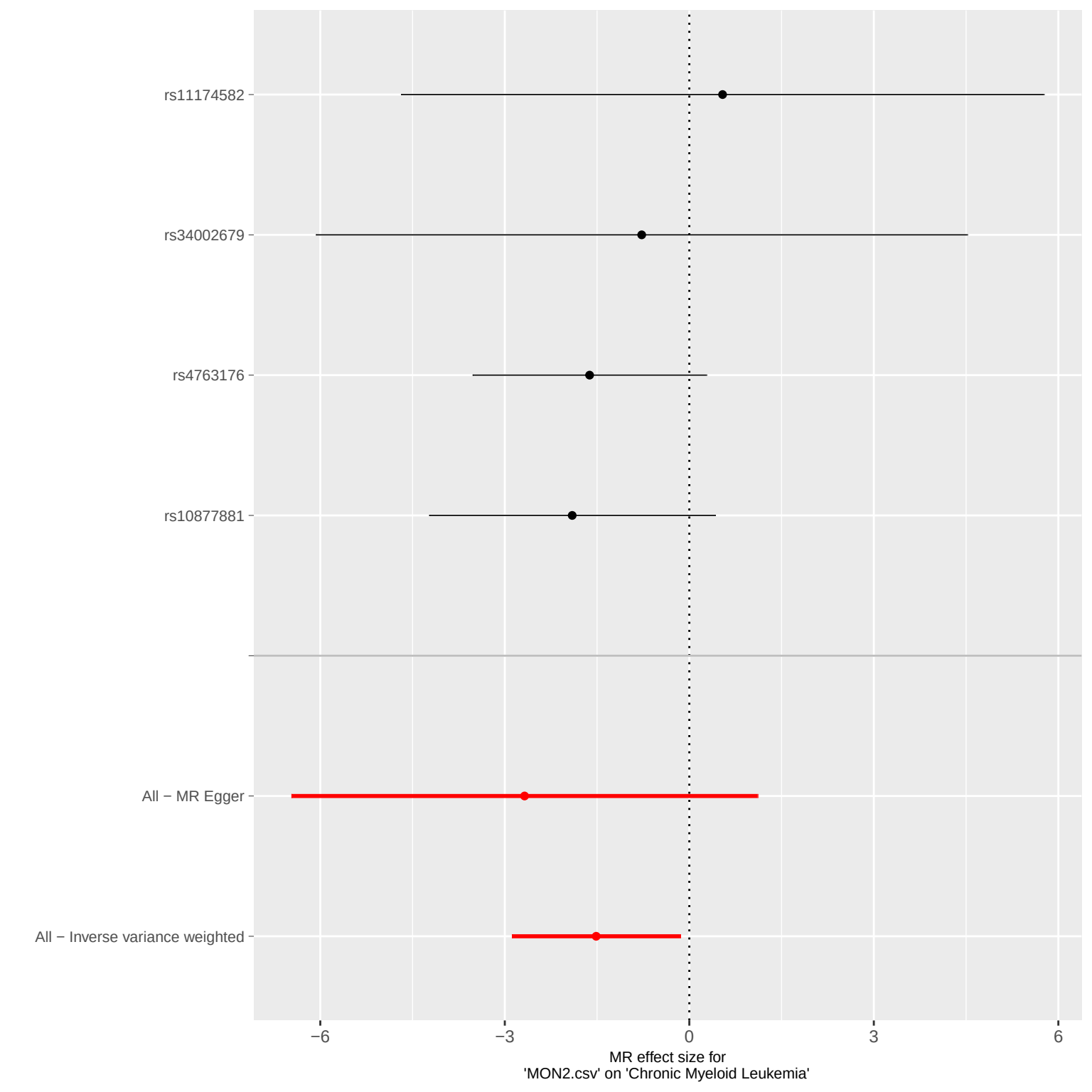
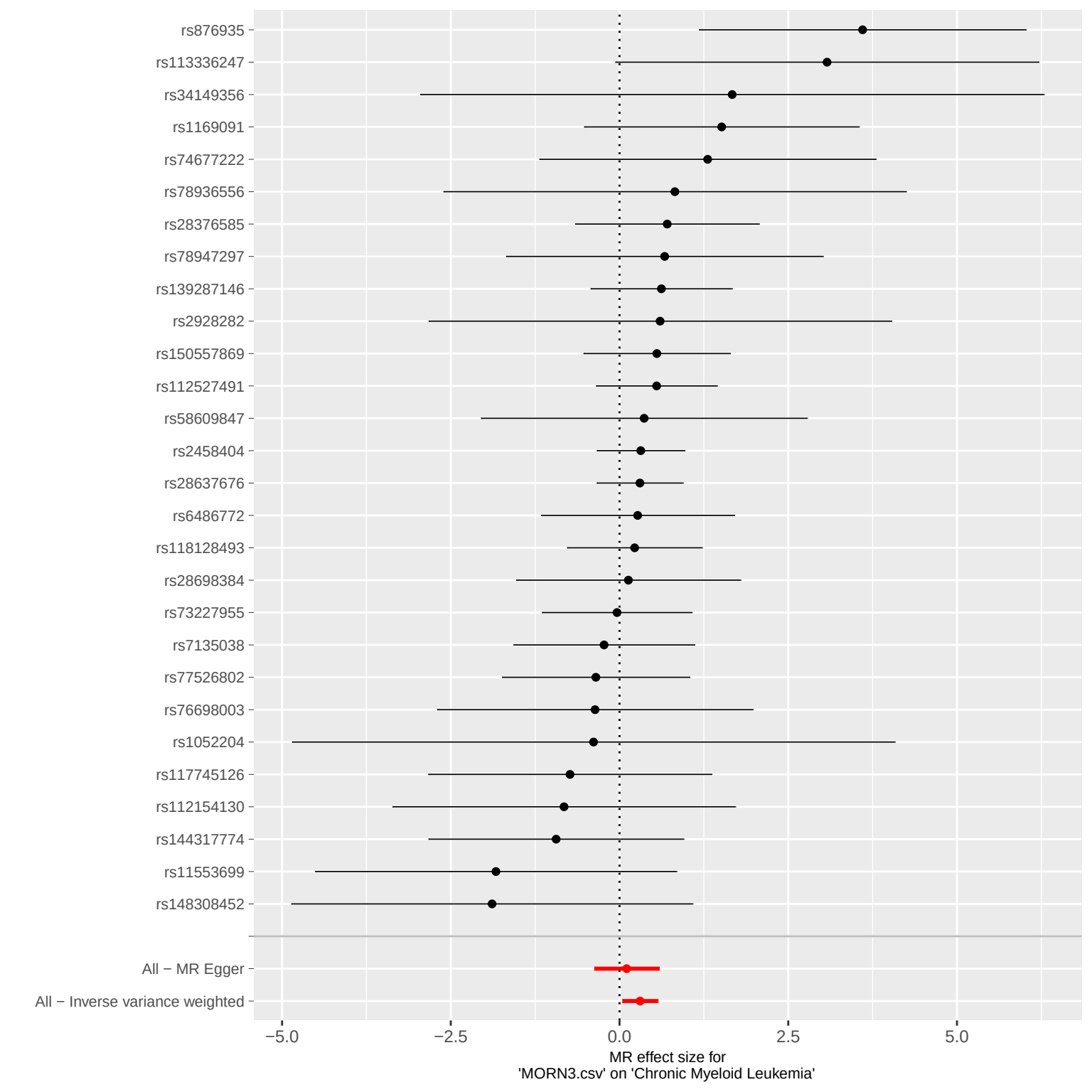
rs55643042
rs2280406
rs13078949
rs143050036
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MON1A.csv' on 'Chronic Myeloid Leukemia'


rs11174582
rs34002679
rs4763176
rs10877881
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'MON2.csv' on 'Chronic Myeloid Leukemia'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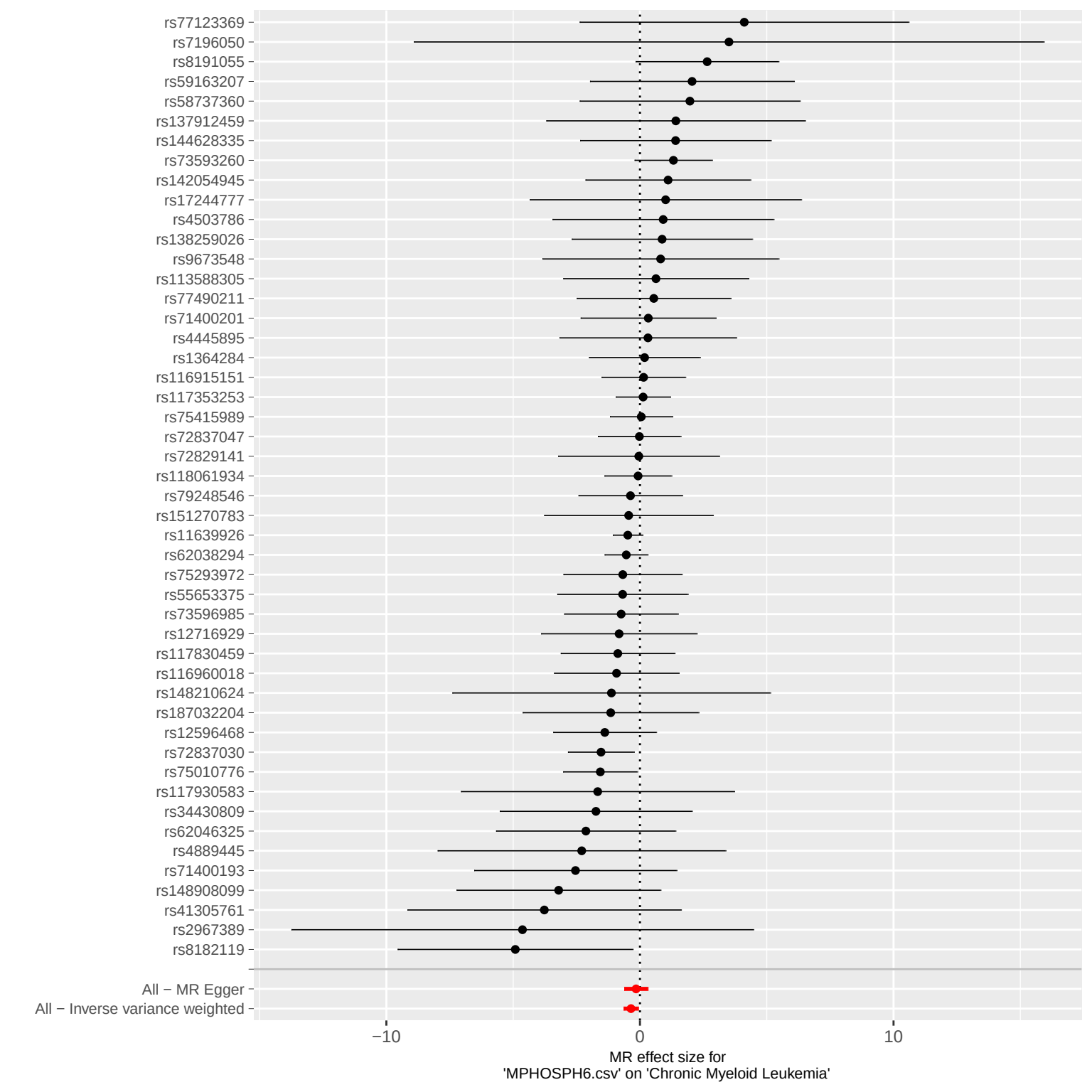
rs2928282
rs150557869
rs112527491
rs58609847
rs2458404
rs28637676
rs6486772
rs118128493
rs28698384
rs73227955
rs7135038
rs77526802
rs76698003
rs1052204
rs117745126
rs112154130
rs144317774
rs11553699
rs148308452
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'MORN3.csv' on 'Chronic Myeloid Leukemia'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rs4445895
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rs117353253
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rs75010776
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rs34430809
rs62046325
rs4889445
rs71400193
rs148908099
rs41305761
rs2967389
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All − MR Egger
All − Inverse variance weighted
−10
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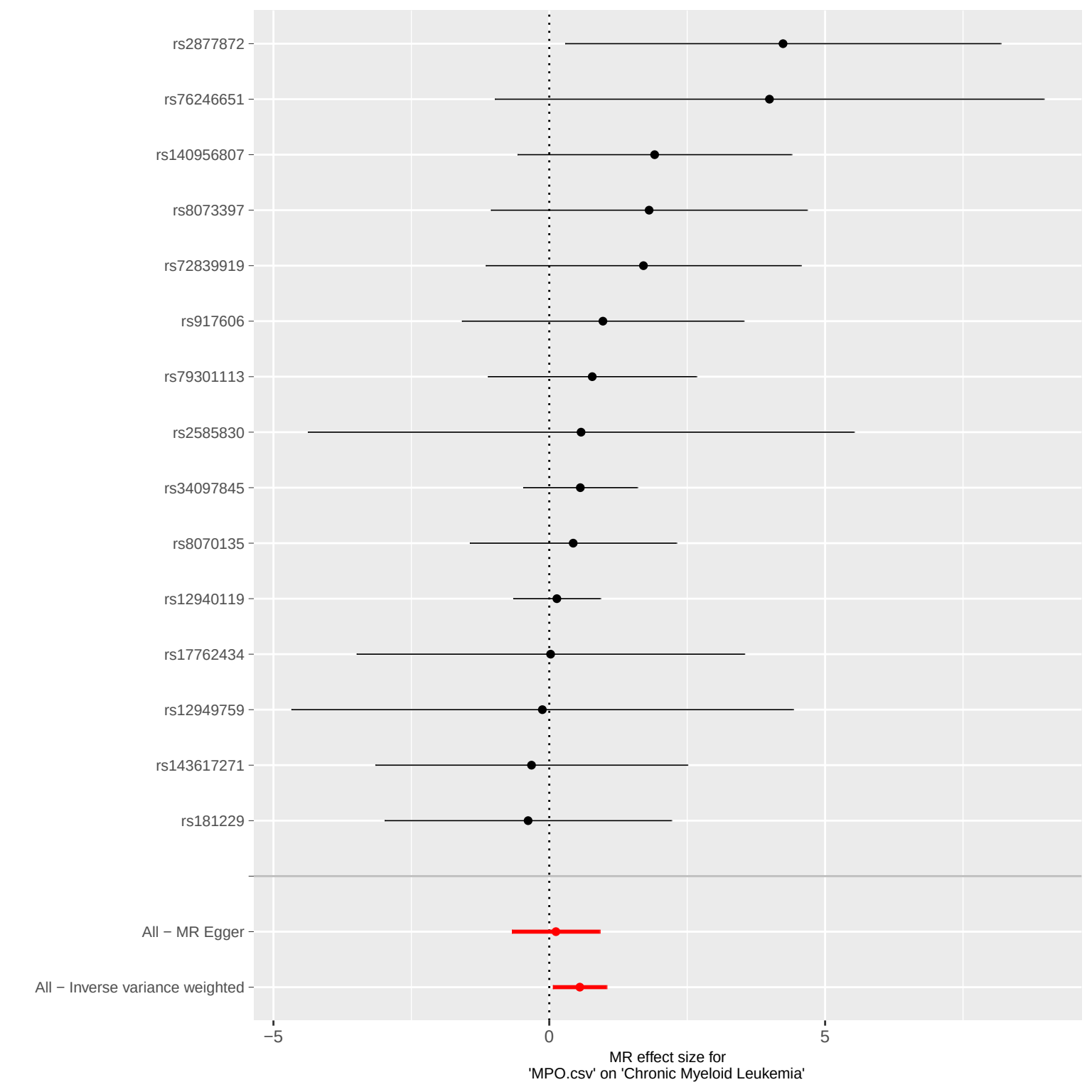
MR effect size for
'MPHOSPH6.csv' on 'Chronic Myeloid Leukemia'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rs17762434
rs12949759
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All − MR Egger
All − Inverse variance weighted
−5
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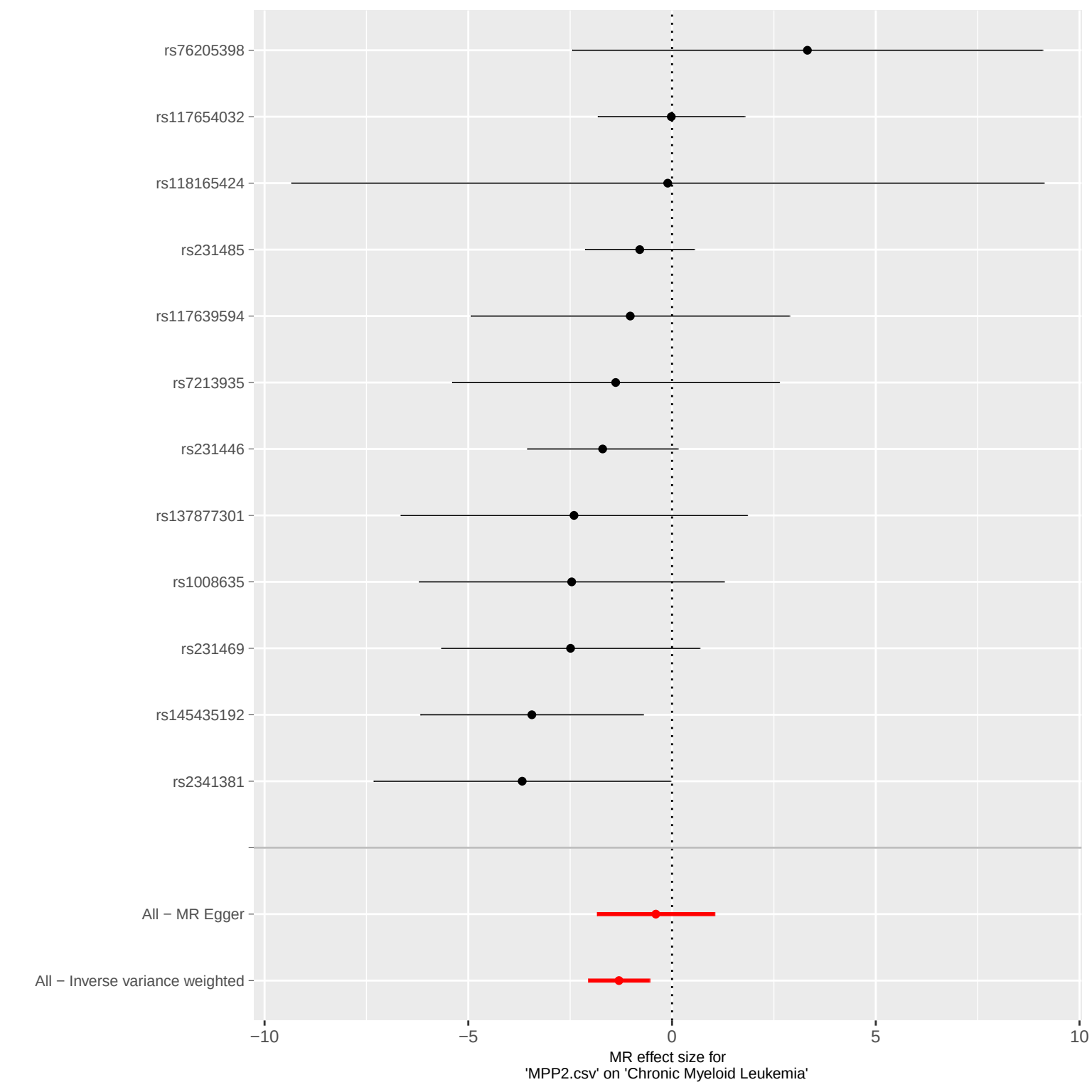
MR effect size for
'MPO.csv' on 'Chronic Myeloid Leukemia'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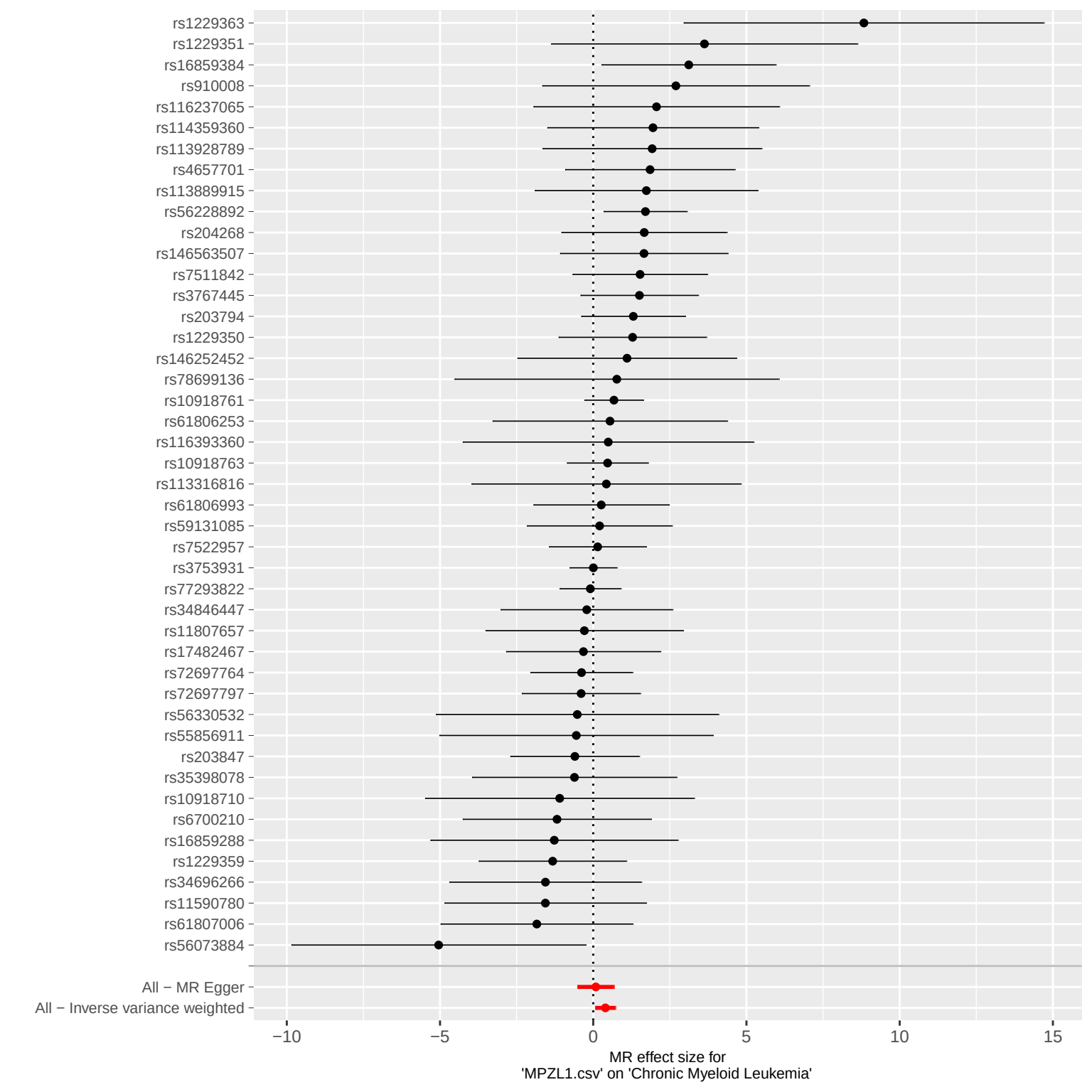
rs1008635
rs231469
rs145435192
rs2341381
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'MPP2.csv' on 'Chronic Myeloid Leukemia'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rs3753931
rs77293822
rs34846447
rs11807657
rs17482467
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rs56330532
rs55856911
rs203847
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rs10918710
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rs16859288
rs1229359
rs34696266
rs11590780
rs61807006
rs56073884
All − MR Egger
All − Inverse variance weighted
−10
−5
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5
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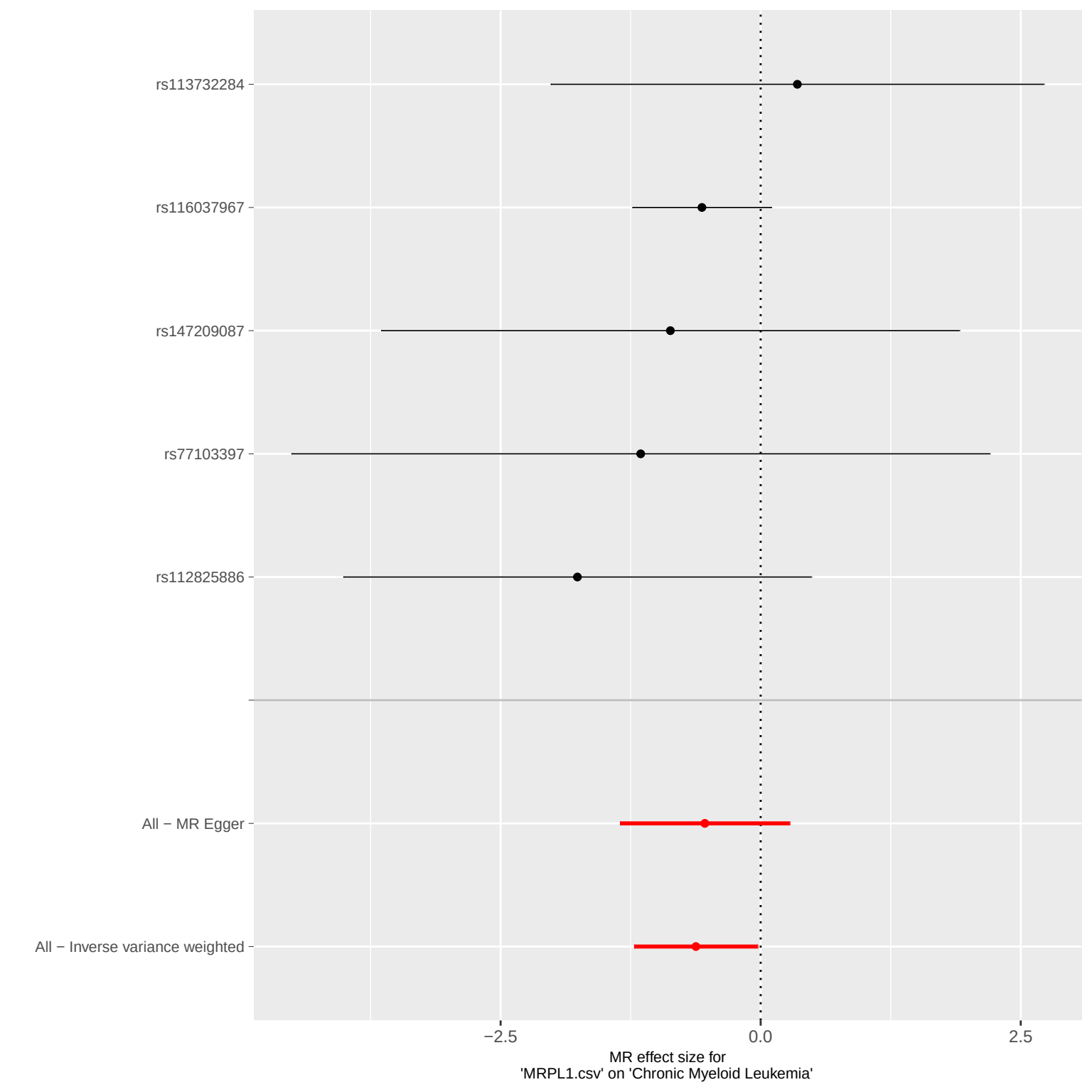
15
MR effect size for
'MPZL1.csv' on 'Chronic Myeloid Leukemia'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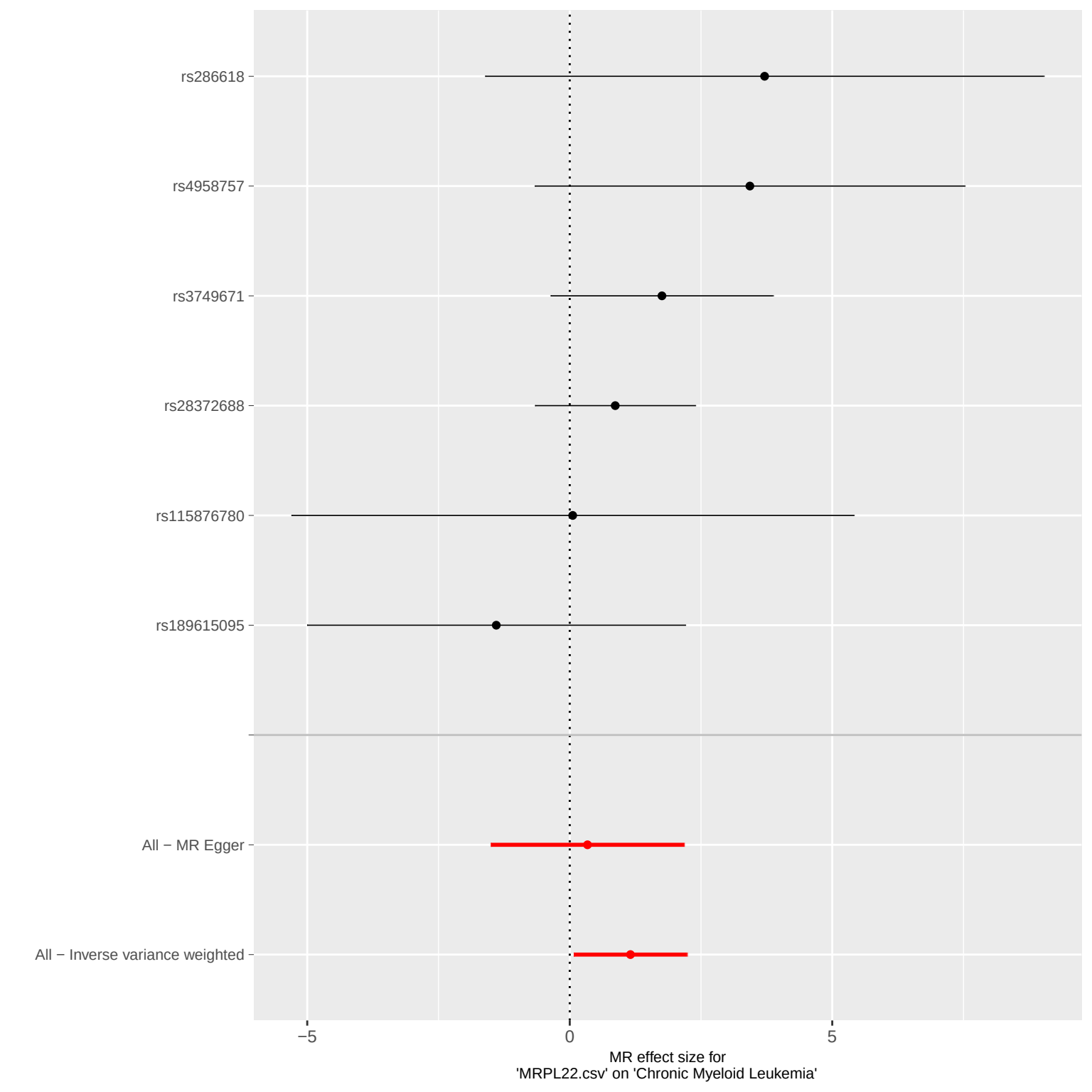
rs112825886
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'MRPL1.csv' on 'Chronic Myeloid Leukemia'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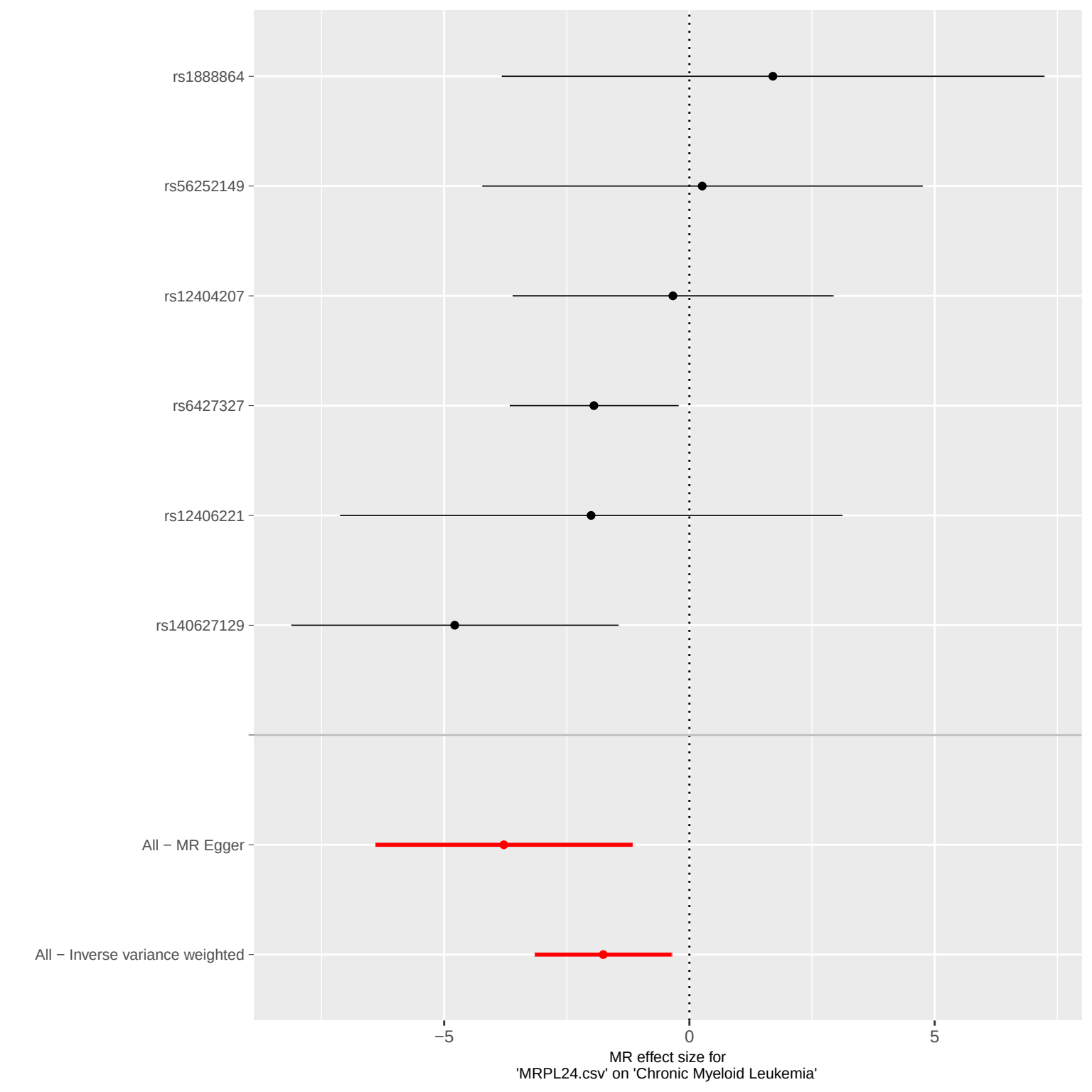
rs4958757
rs3749671
rs28372688
rs115876780
rs189615095
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MRPL22.csv' on 'Chronic Myeloid Leukemia'


rs1888864
rs56252149
rs12404207
rs6427327
rs12406221
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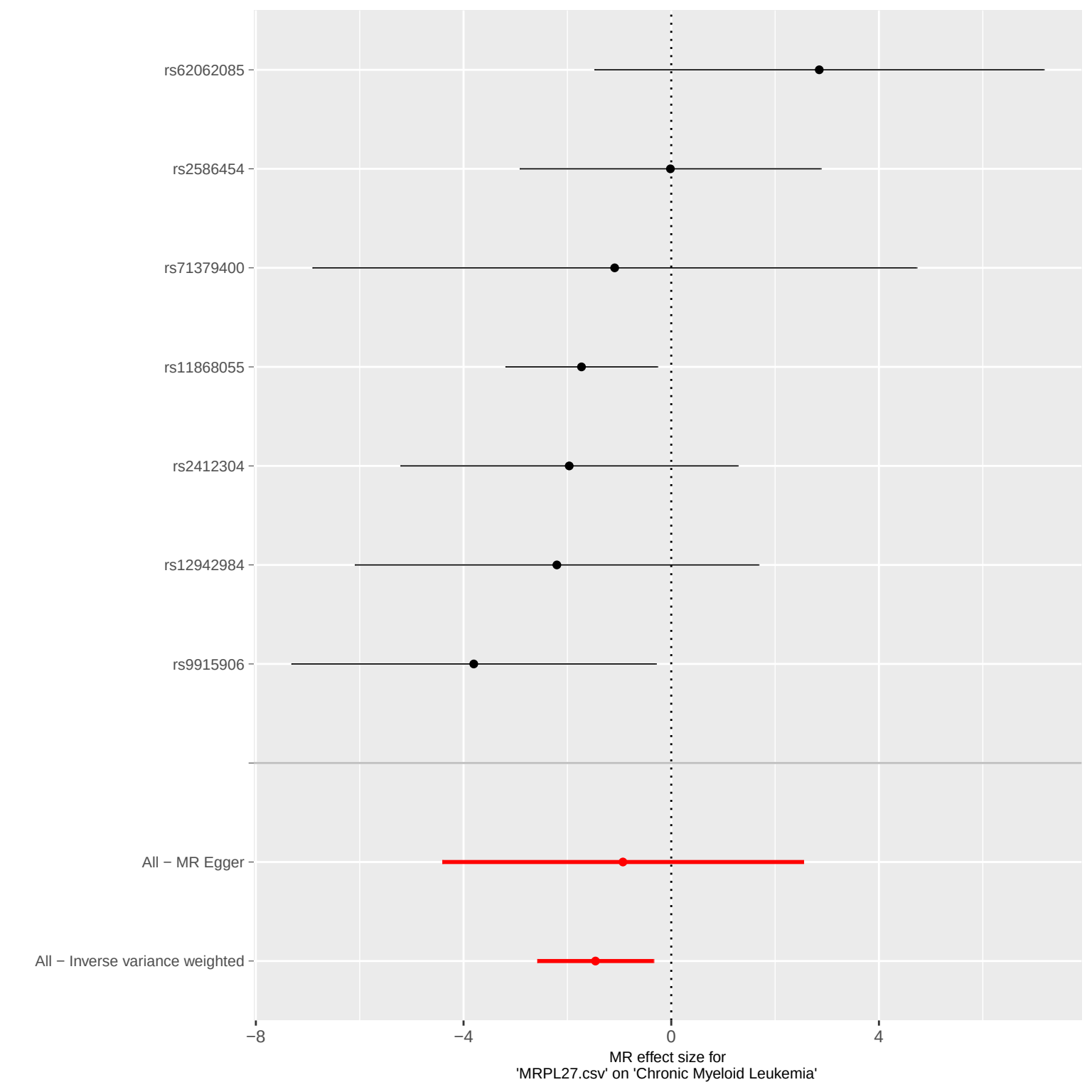
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MRPL24.csv' on 'Chronic Myeloid Leukemia'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rs2586454
rs71379400
rs11868055
rs2412304
rs12942984
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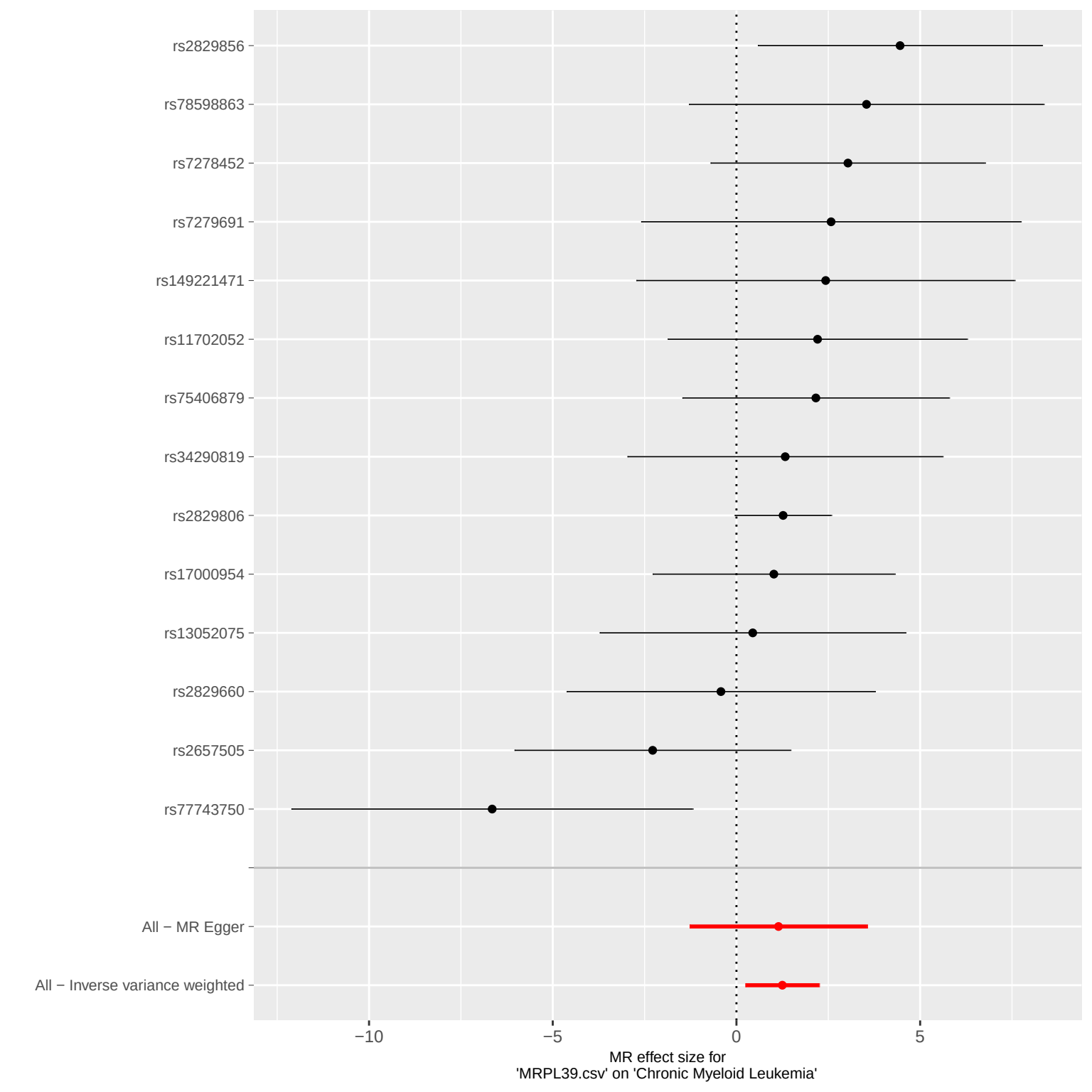
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MRPL27.csv' on 'Chronic Myeloid Leukemia'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rs11702052
rs75406879
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rs2829806
rs17000954
rs13052075
rs2829660
rs2657505
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All − MR Egger
All − Inverse variance weighted
−10
−5
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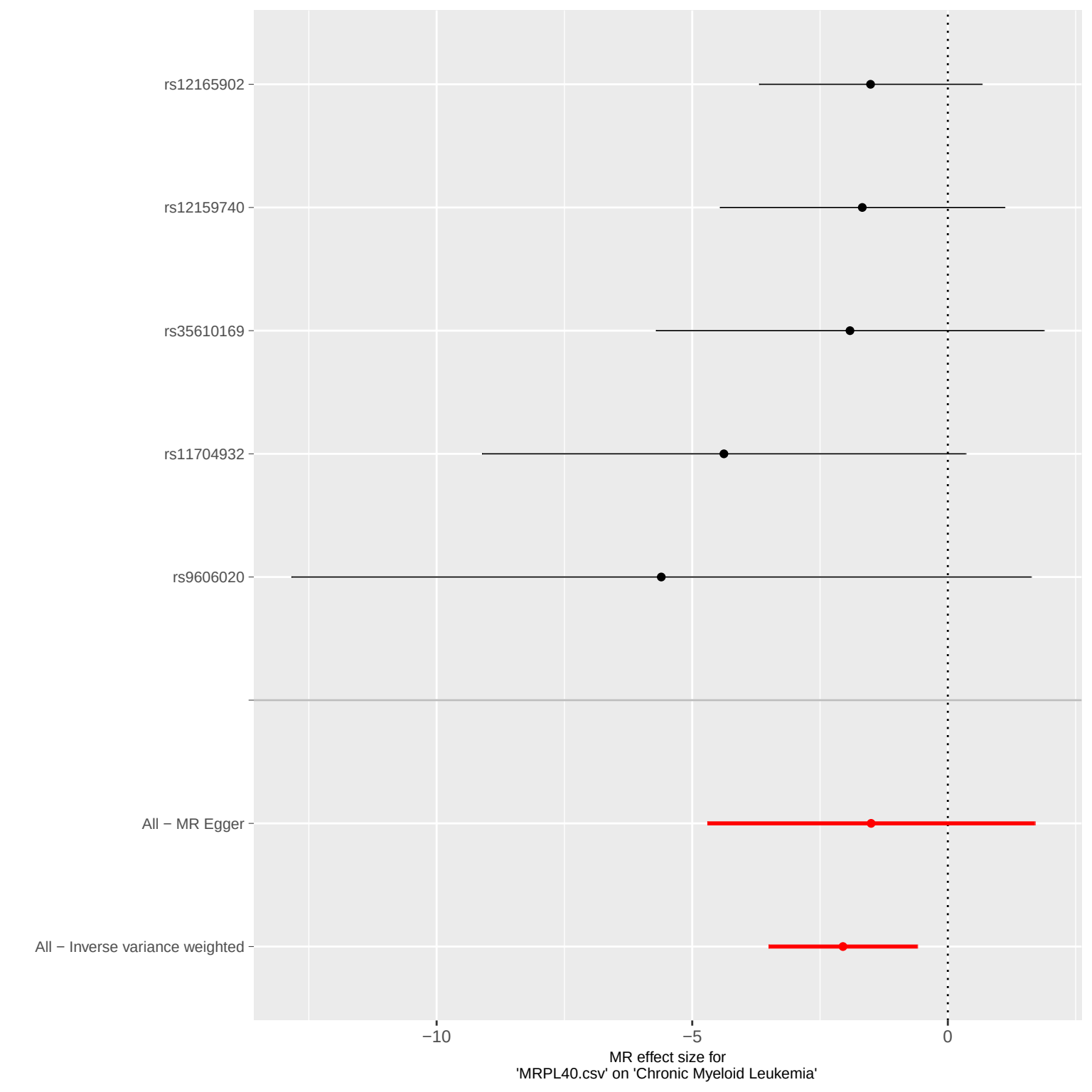
5
MR effect size for
'MRPL39.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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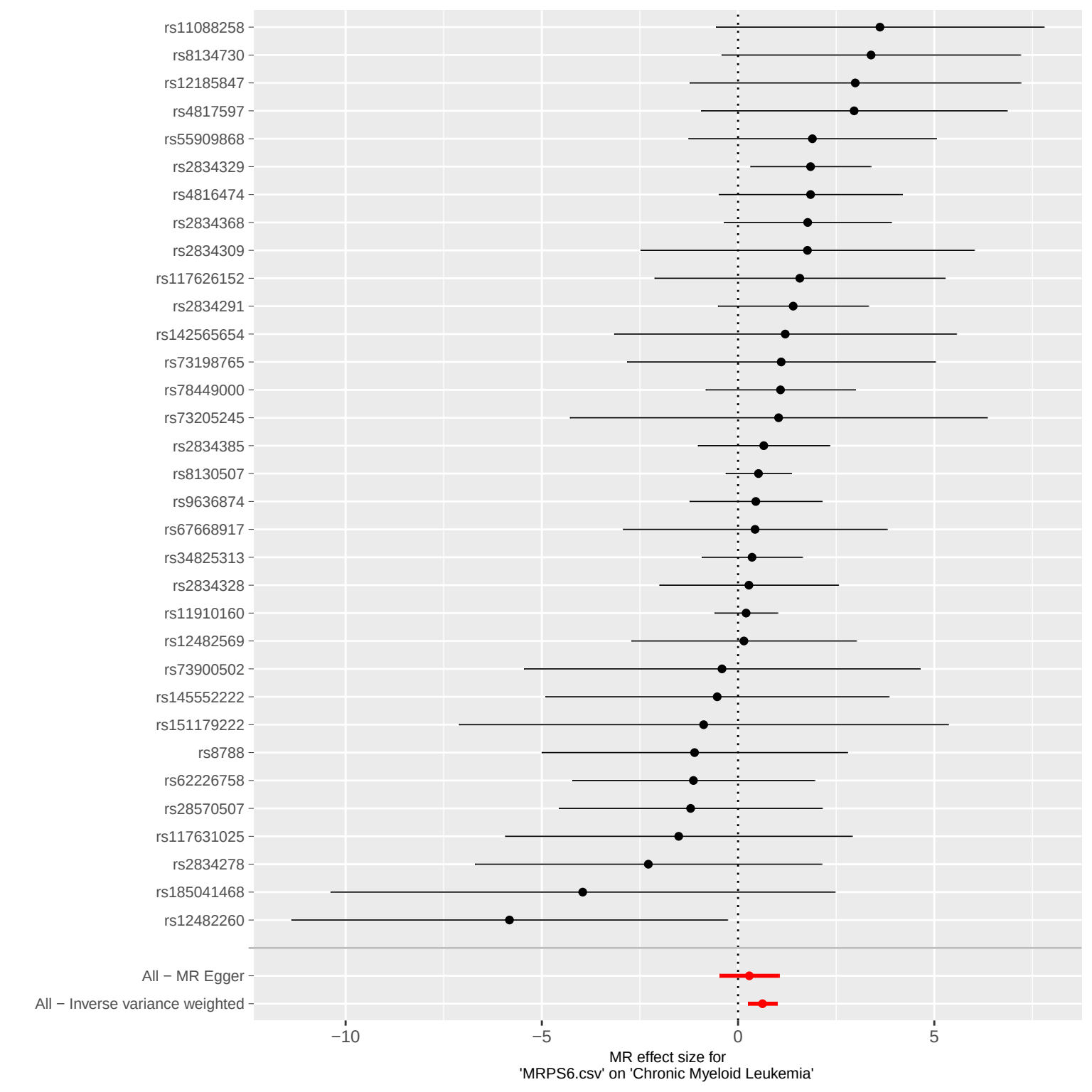
MR effect size for
'MRPL40.csv' on 'Chronic Myeloid Leukemia'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rs11910160
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rs62226758
rs28570507
rs117631025
rs2834278
rs185041468
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All − MR Egger
All − Inverse variance weighted
−10
−5
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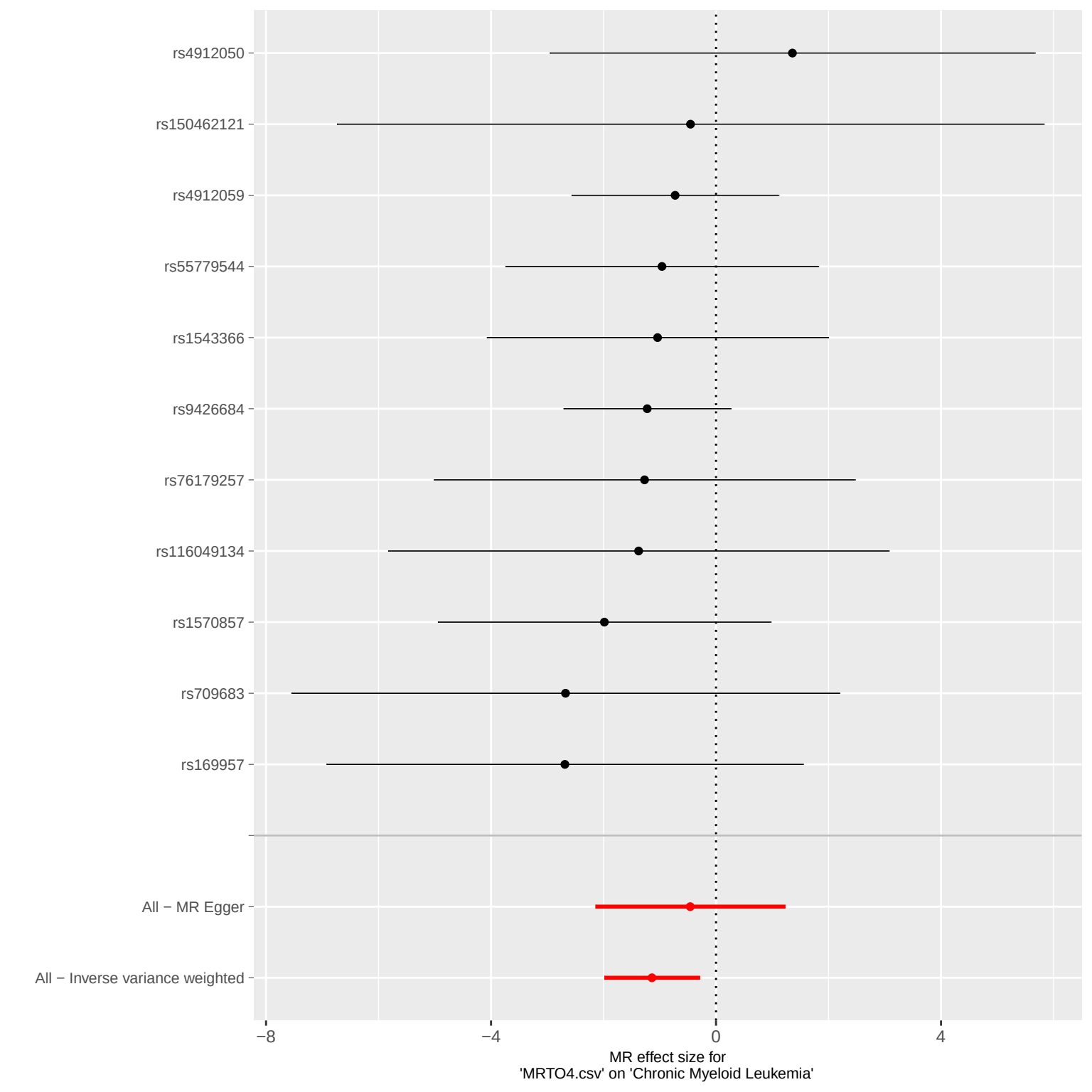
MR effect size for
'MRPS6.csv' on 'Chronic Myeloid Leukemia'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rs76179257
rs116049134
rs1570857
rs709683
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All − MR Egger
All − Inverse variance weighted
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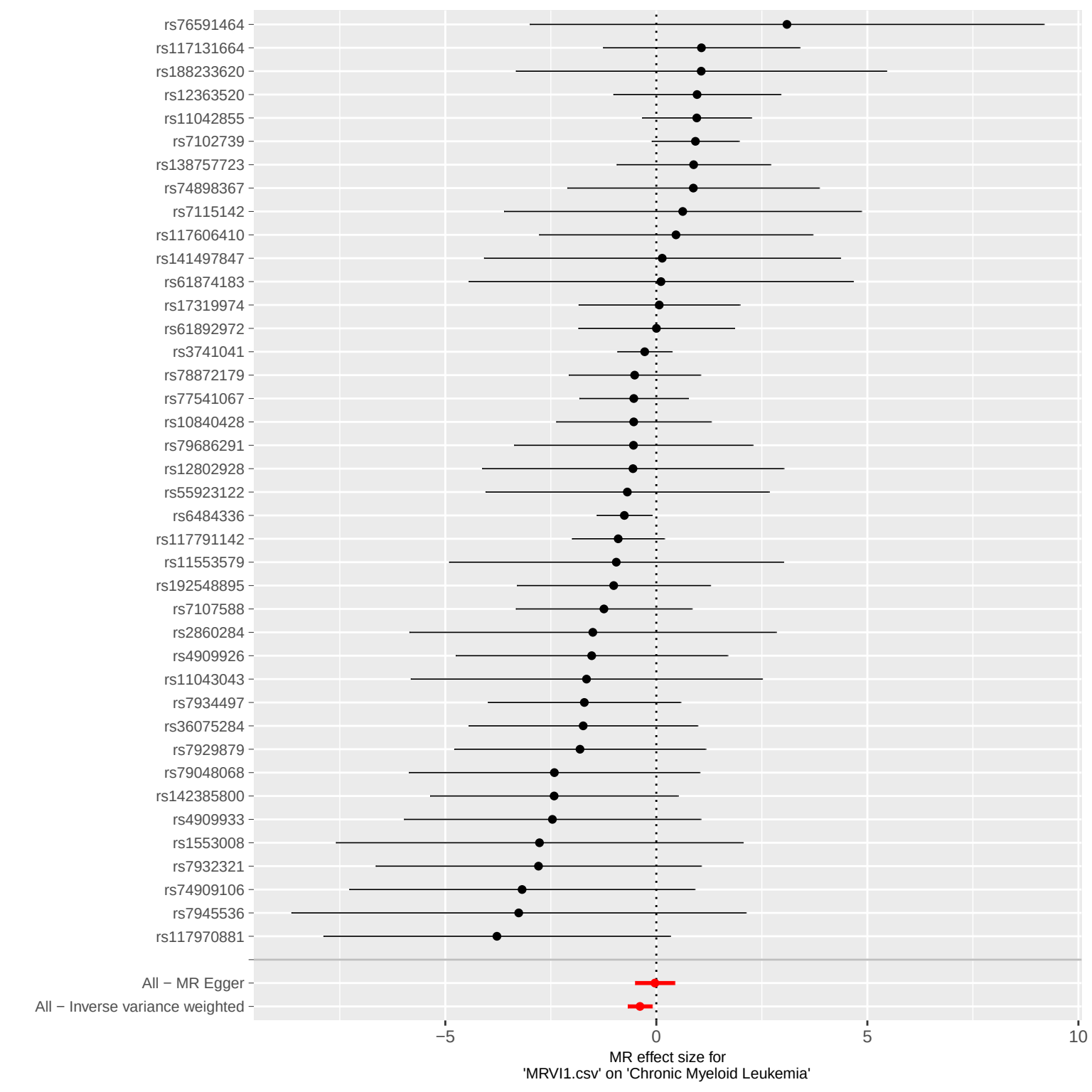
−4
0
4
MR effect size for
'MRTO4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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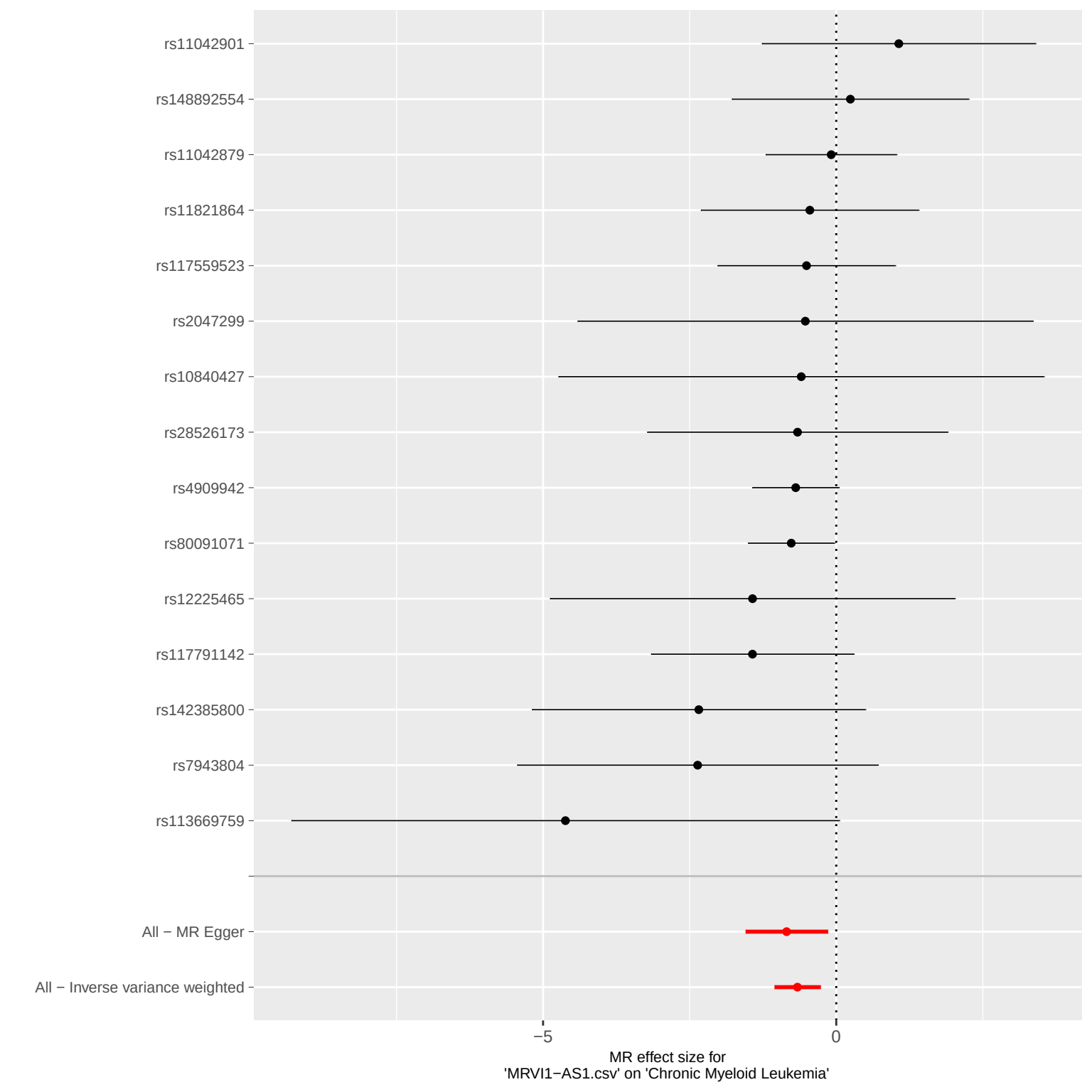
MR effect size for
'MRVI1.csv' on 'Chronic Myeloid Leukemia'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rs7943804
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All − MR Egger
All − Inverse variance weighted
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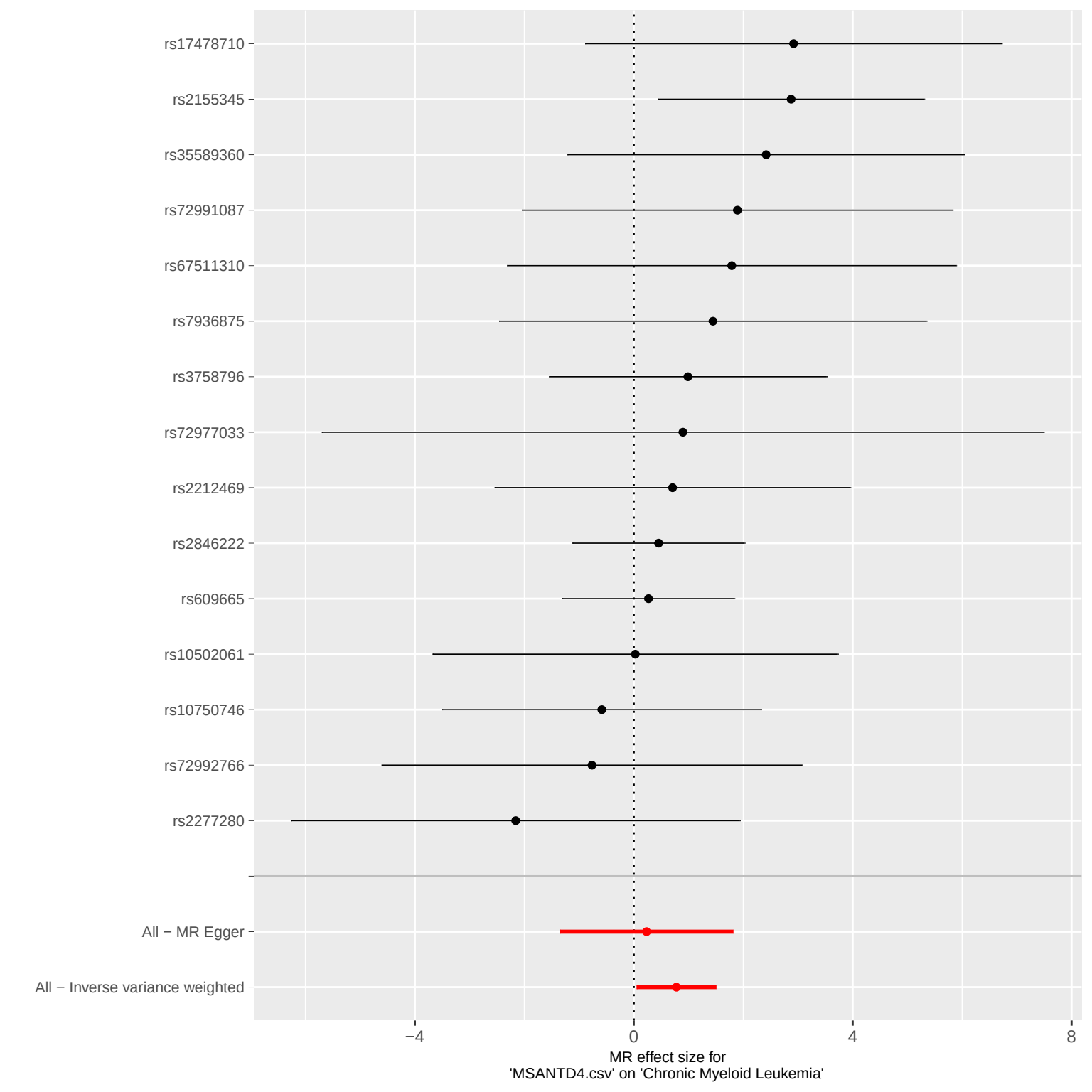
MR effect size for
'MRVI1−AS1.csv' on 'Chronic Myeloid Leukemia'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rs10502061
rs10750746
rs72992766
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All − MR Egger
All − Inverse variance weighted
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0
4
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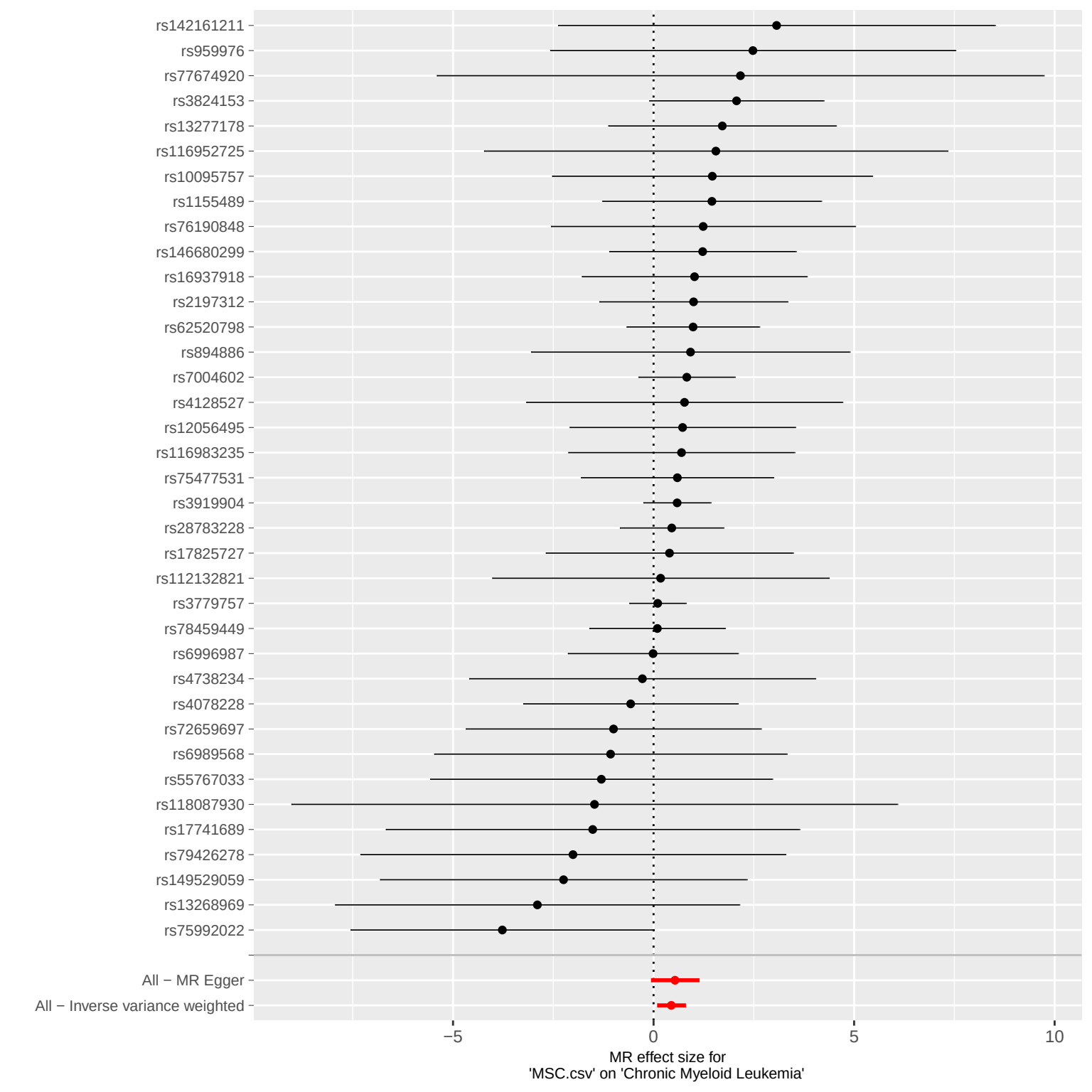
MR effect size for
'MSANTD4.csv' on 'Chronic Myeloid Leukemia'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rs72659697
rs6989568
rs55767033
rs118087930
rs17741689
rs79426278
rs149529059
rs13268969
rs75992022
All − MR Egger
All − Inverse variance weighted
−5
0
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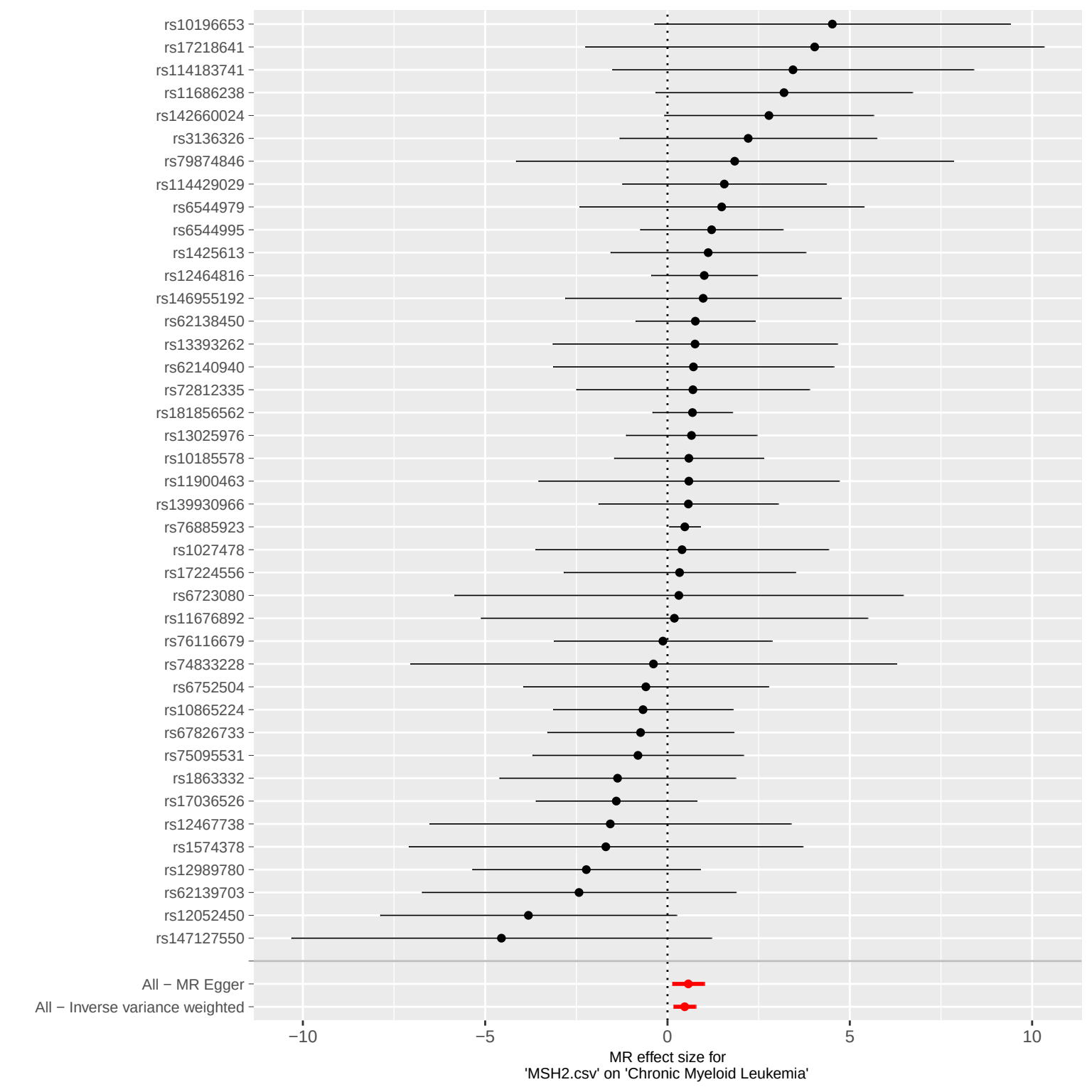
MR effect size for
'MSC.csv' on 'Chronic Myeloid Leukemia'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rs12467738
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All − MR Egger
All − Inverse variance weighted
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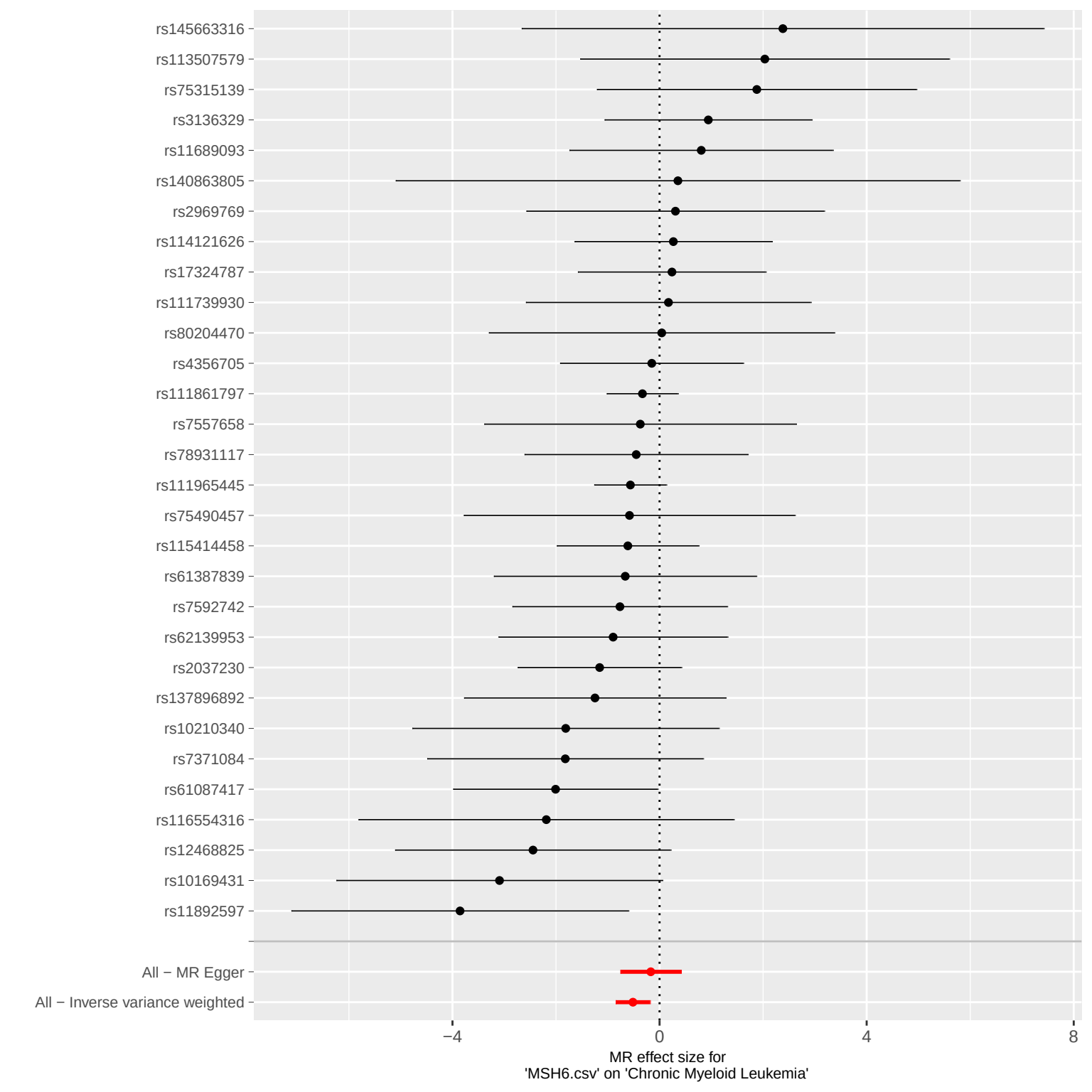
MR effect size for
'MSH2.csv' on 'Chronic Myeloid Leukemia'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rs7371084
rs61087417
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rs12468825
rs10169431
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All − MR Egger
All − Inverse variance weighted
−4
0
4
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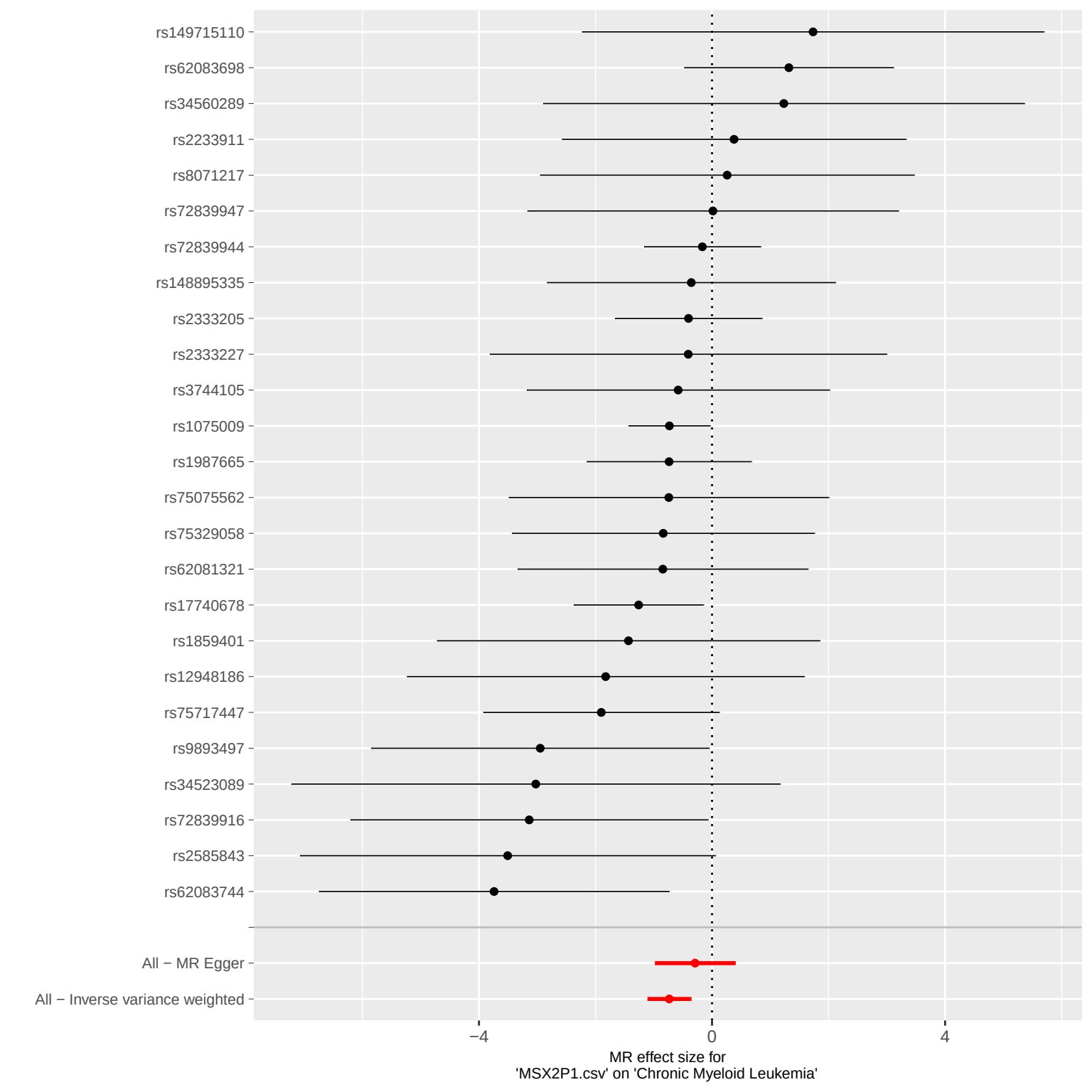
MR effect size for
'MSH6.csv' on 'Chronic Myeloid Leukemia'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rs17740678
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rs12948186
rs75717447
rs9893497
rs34523089
rs72839916
rs2585843
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All − Inverse variance weighted
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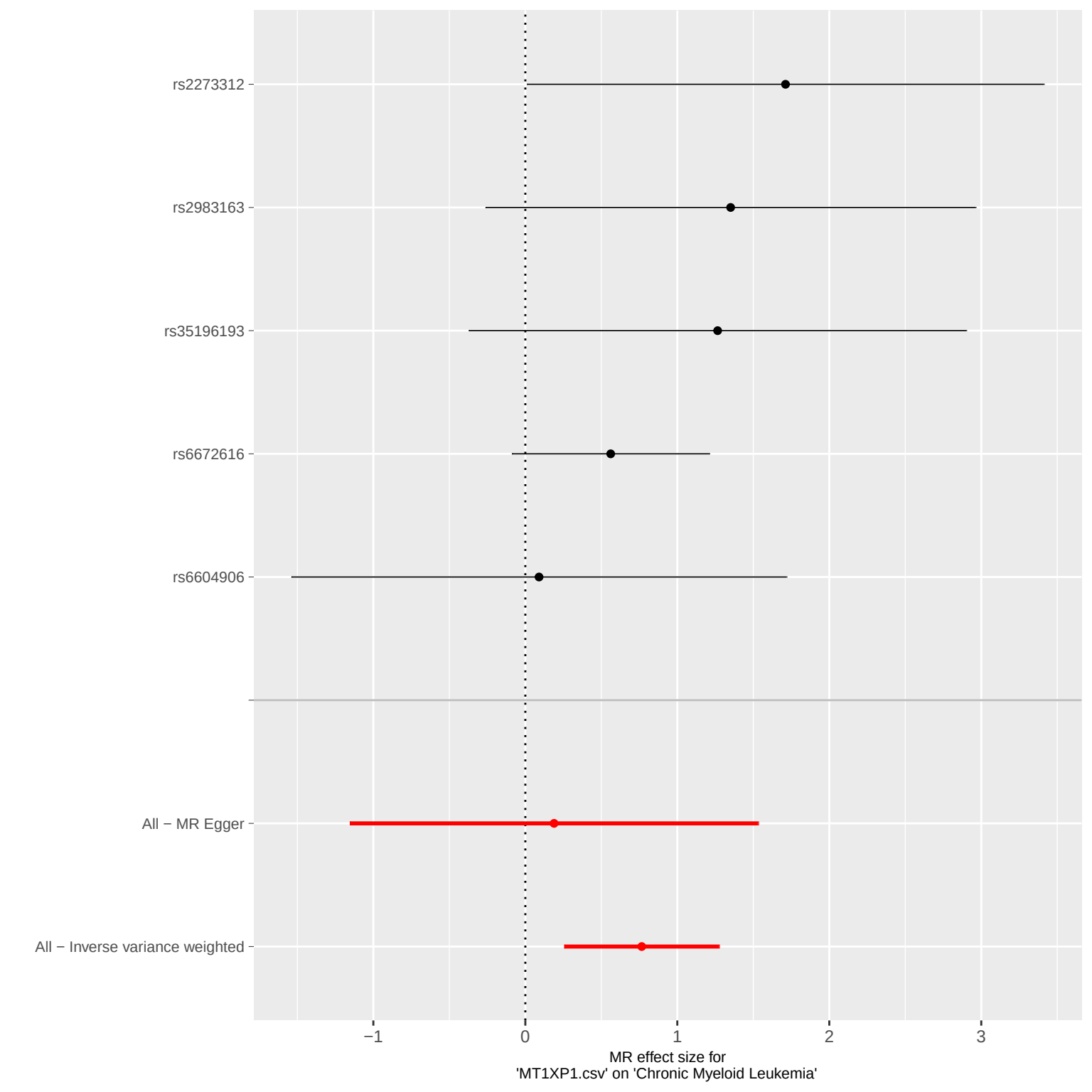
MR effect size for
'MSX2P1.csv' on 'Chronic Myeloid Leukemia'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rs2983163
rs35196193
rs6672616
rs6604906
All − MR Egger
All − Inverse variance weighted
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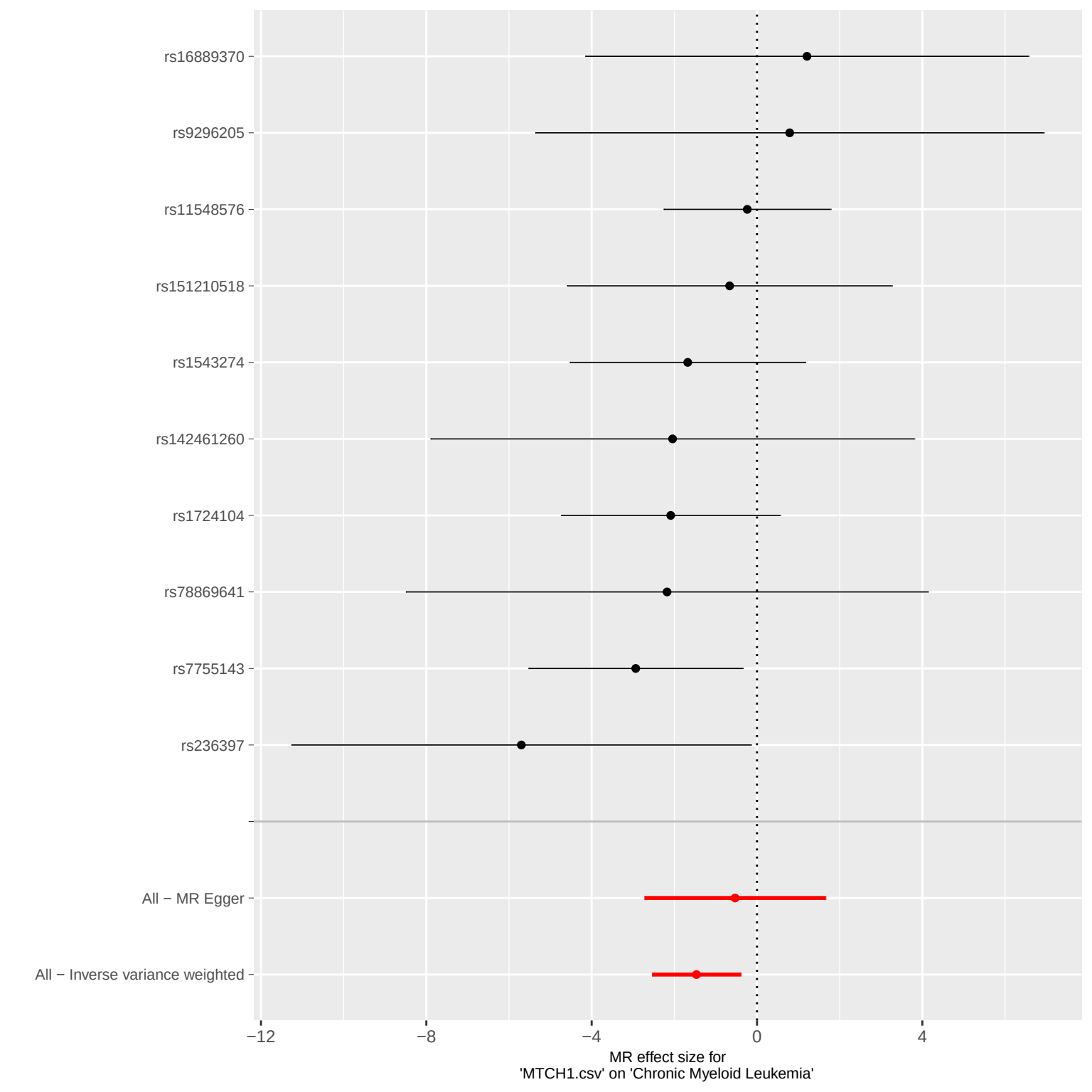
1
2
3
MR effect size for
'MT1XP1.csv' on 'Chronic Myeloid Leukemia'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rs1543274
rs142461260
rs1724104
rs78869641
rs7755143
rs236397
All − MR Egger
All − Inverse variance weighted
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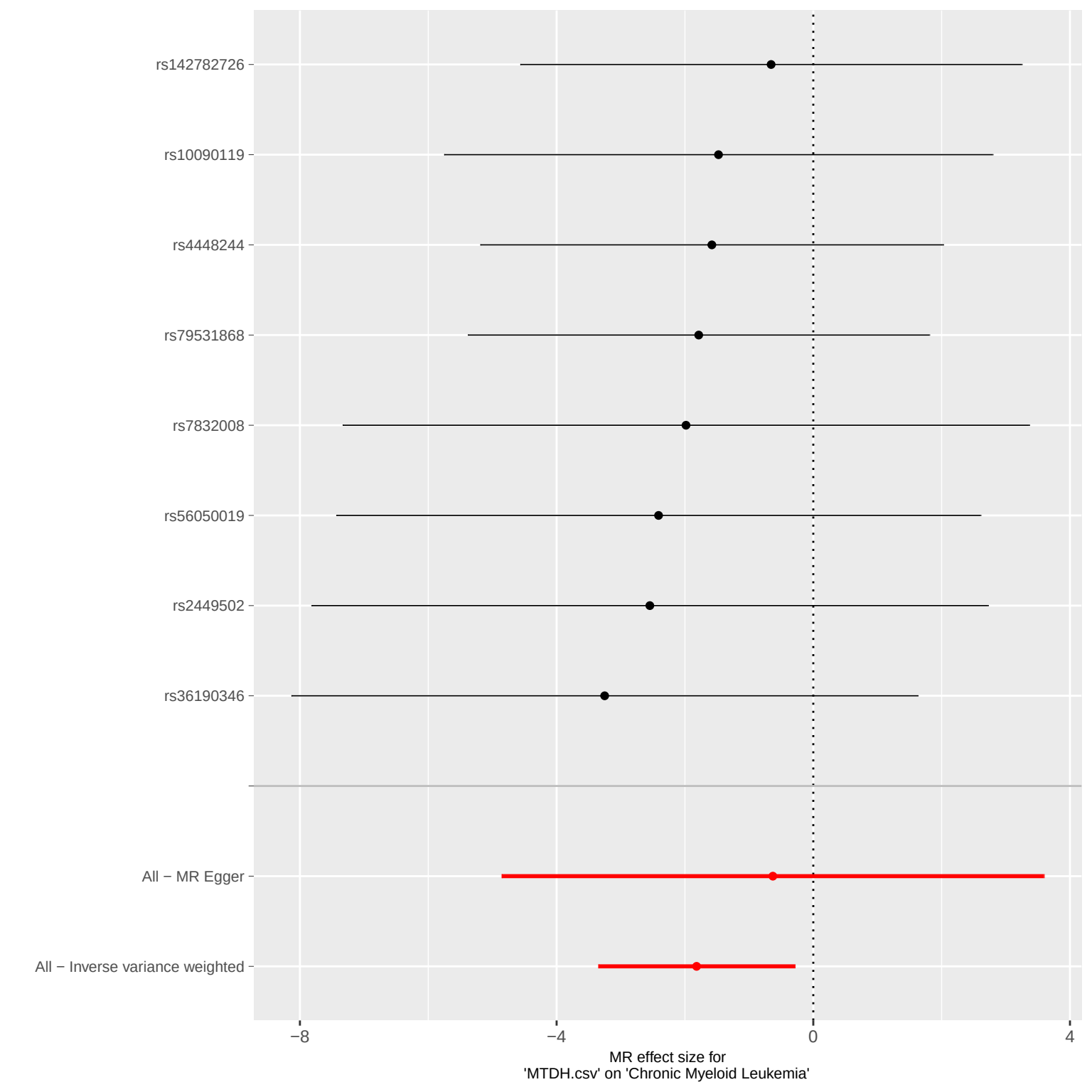
−8
−4
0
4
MR effect size for
'MTCH1.csv' on 'Chronic Myeloid Leukemia'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rs4448244
rs79531868
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rs56050019
rs2449502
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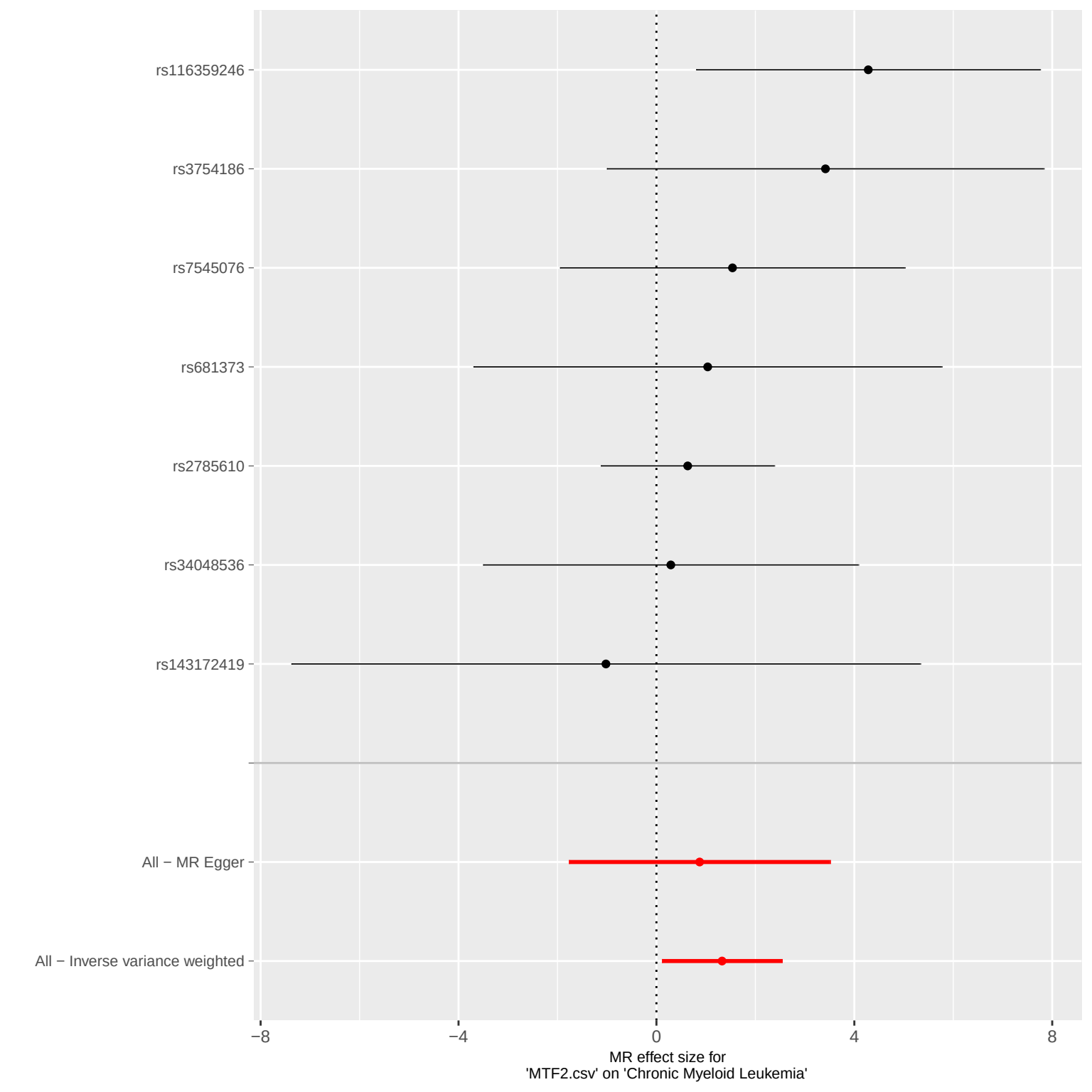
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MTDH.csv' on 'Chronic Myeloid Leukemia'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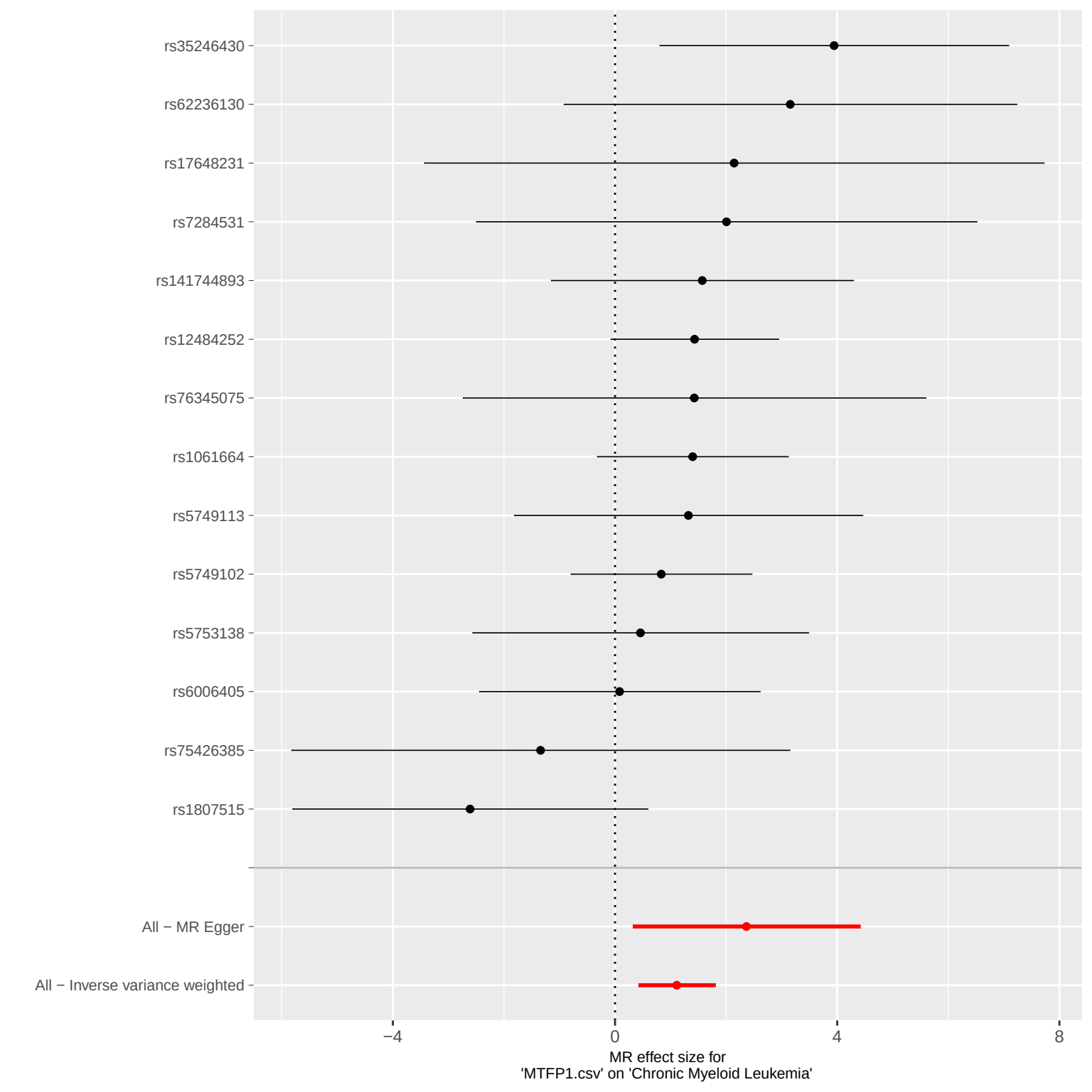
rs7545076
rs681373
rs2785610
rs34048536
rs143172419
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'MTF2.csv' on 'Chronic Myeloid Leukemia'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rs5753138
rs6006405
rs75426385
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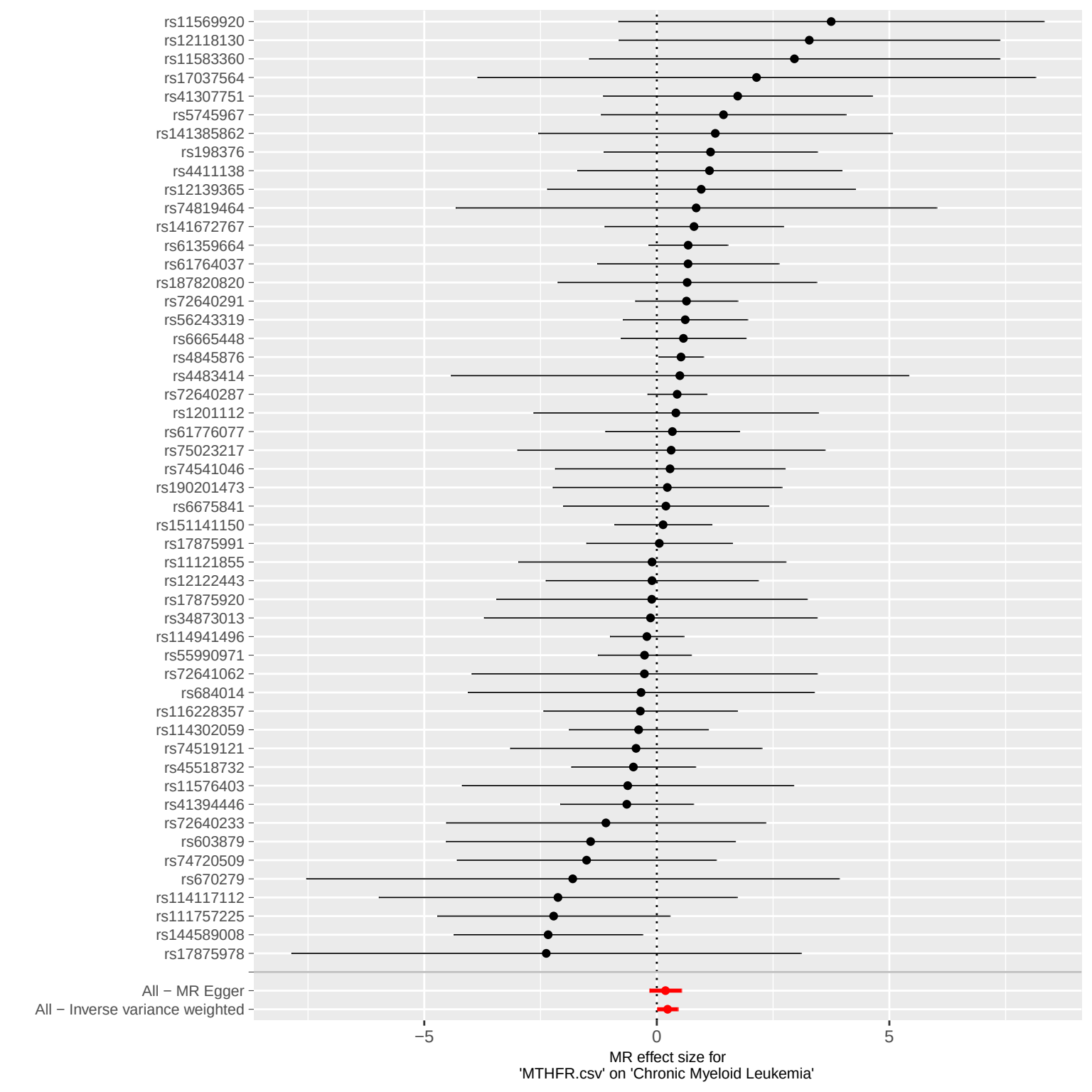
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'MTFP1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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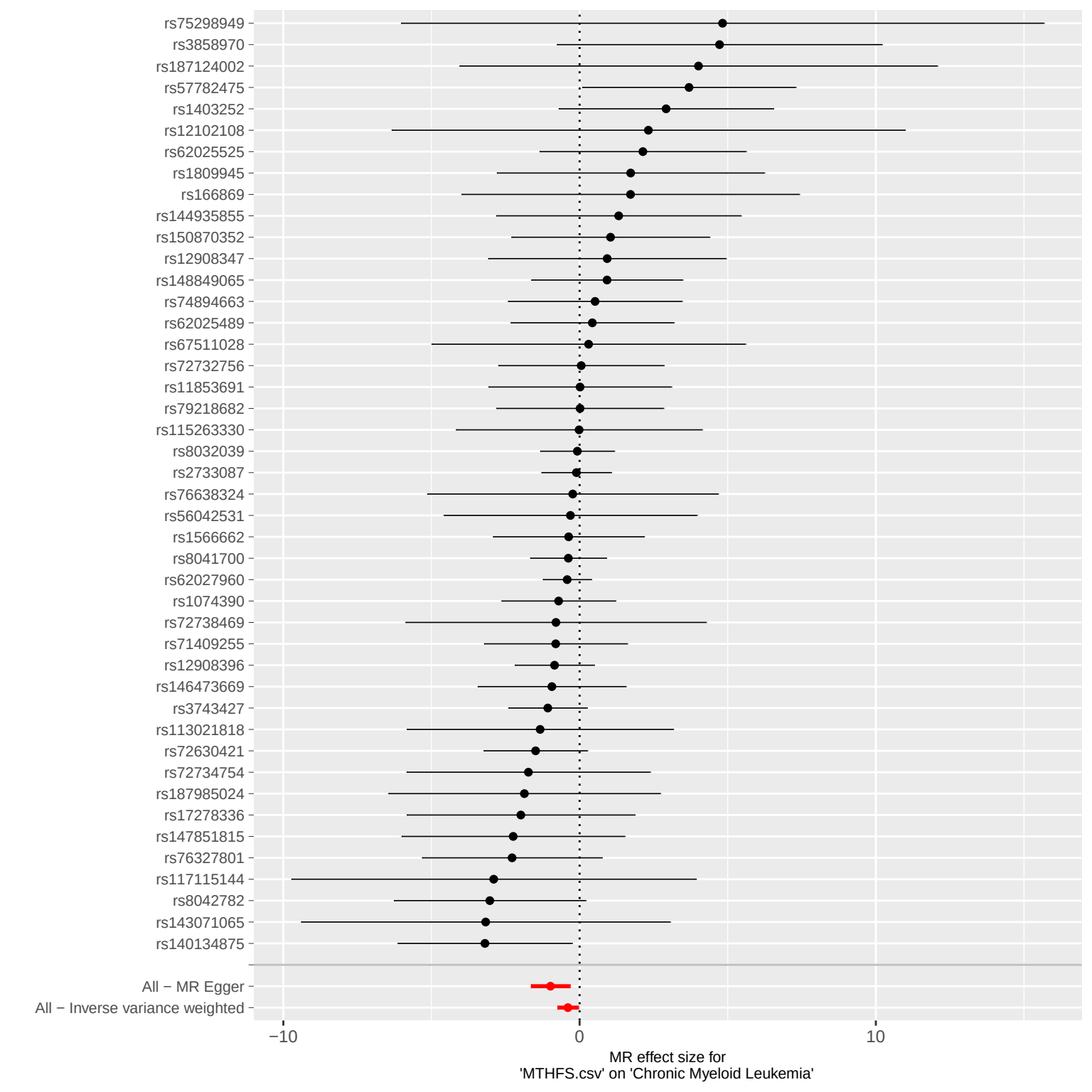
MR effect size for
'MTHFR.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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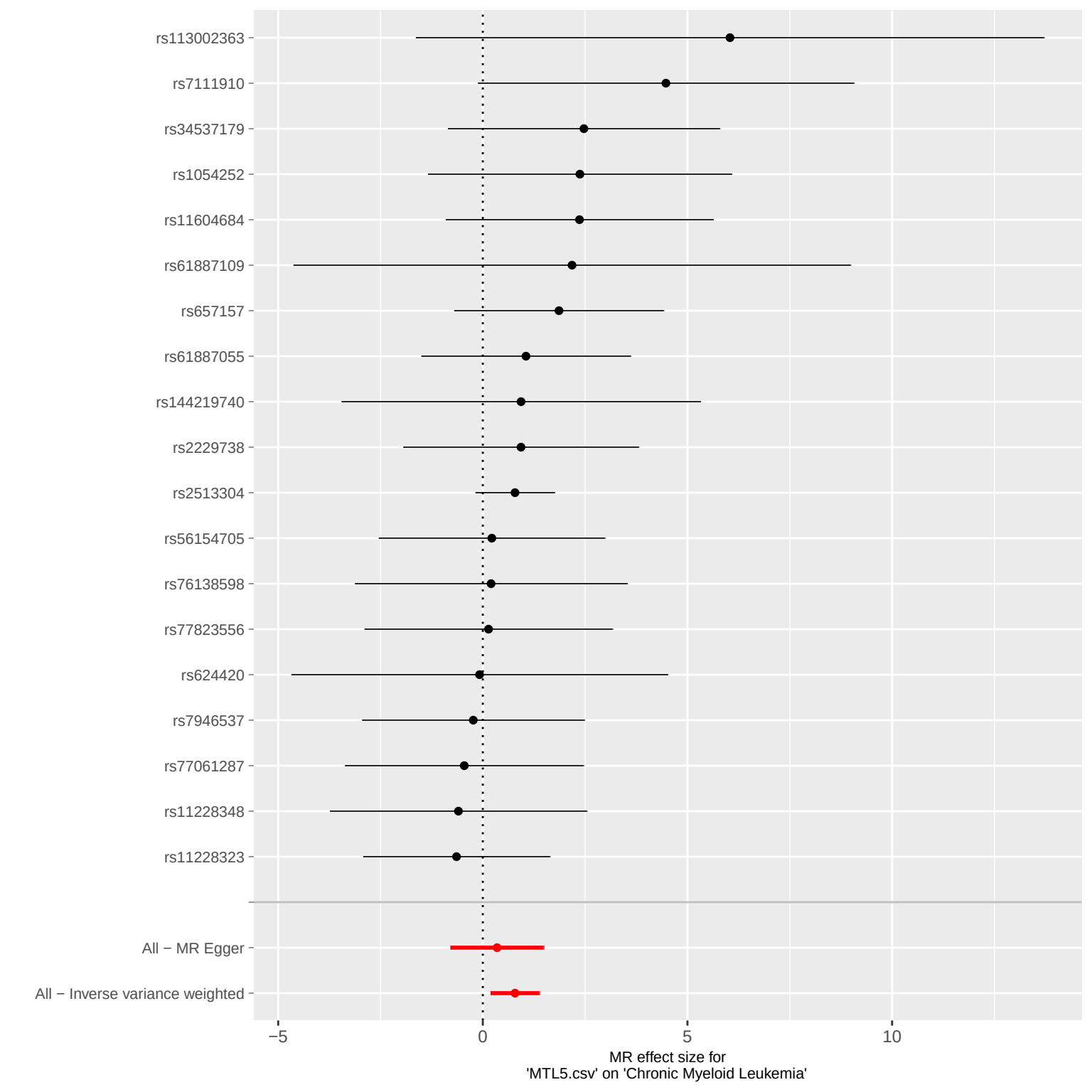
MR effect size for
'MTHFS.csv' on 'Chronic Myeloid Leukemia'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rs7946537
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rs11228348
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All − MR Egger
All − Inverse variance weighted
−5
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MR effect size for
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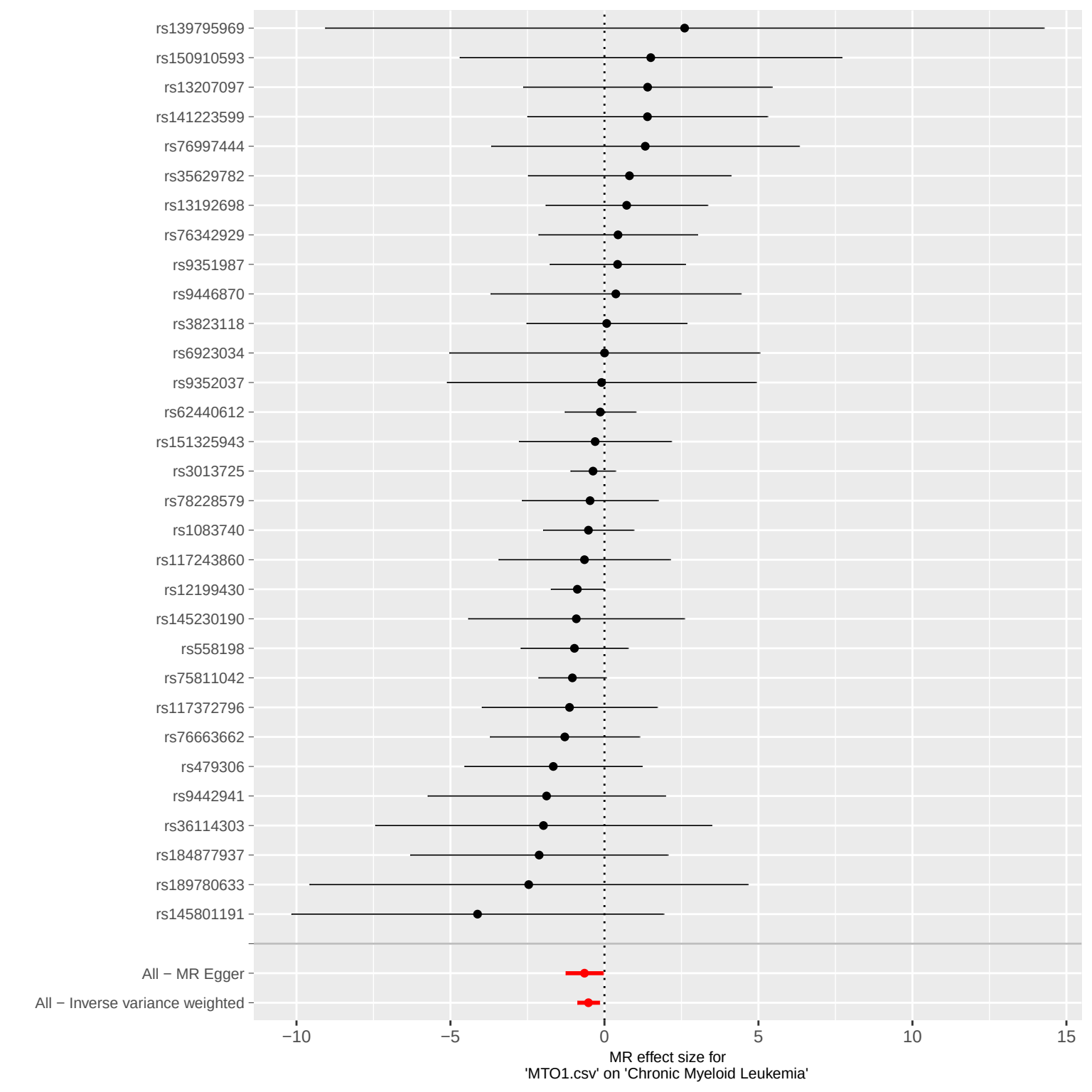
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rs189780633
rs145801191
All − MR Egger
All − Inverse variance weighted
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−5
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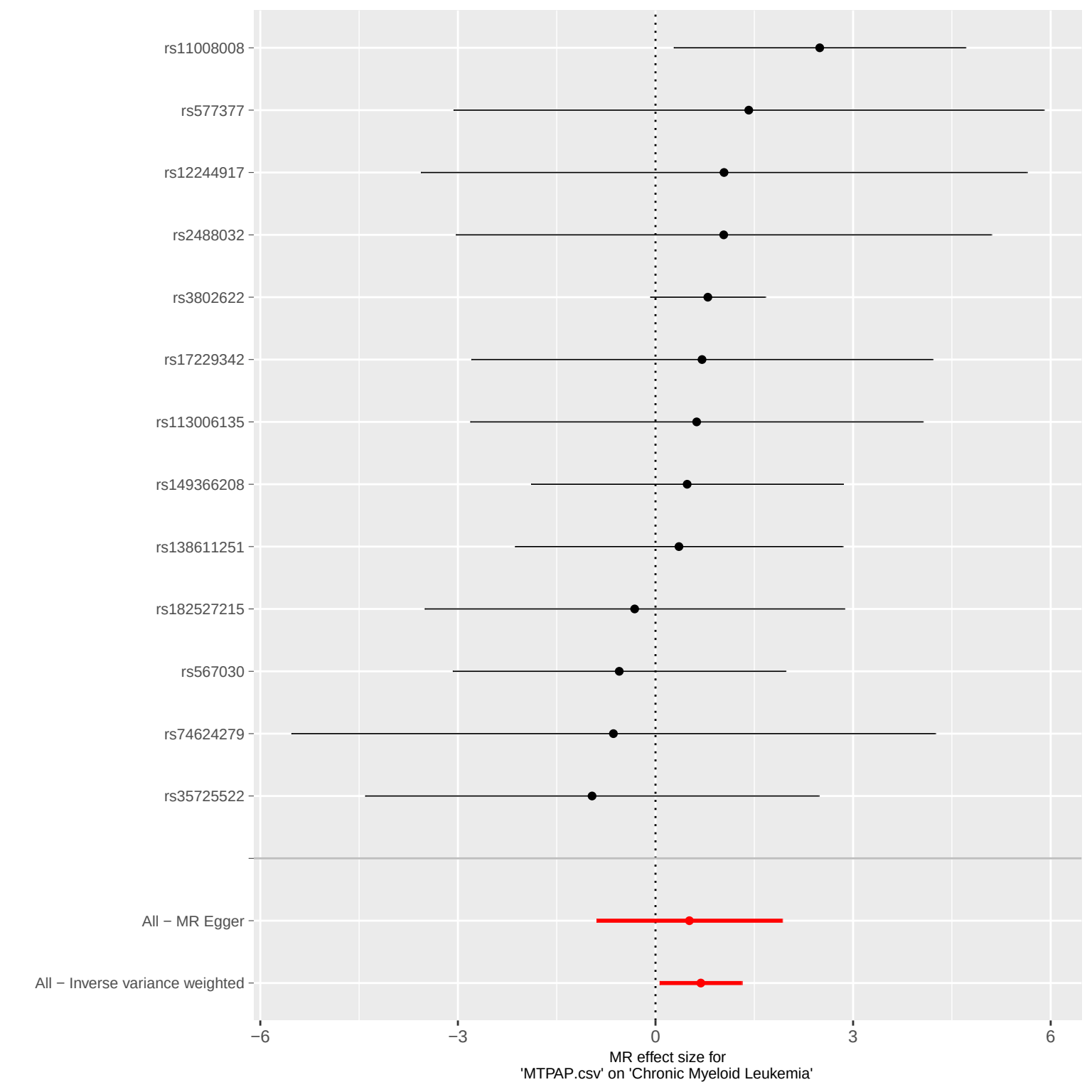
MR effect size for
'MTO1.csv' on 'Chronic Myeloid Leukemia'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rs74624279
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All − MR Egger
All − Inverse variance weighted
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3
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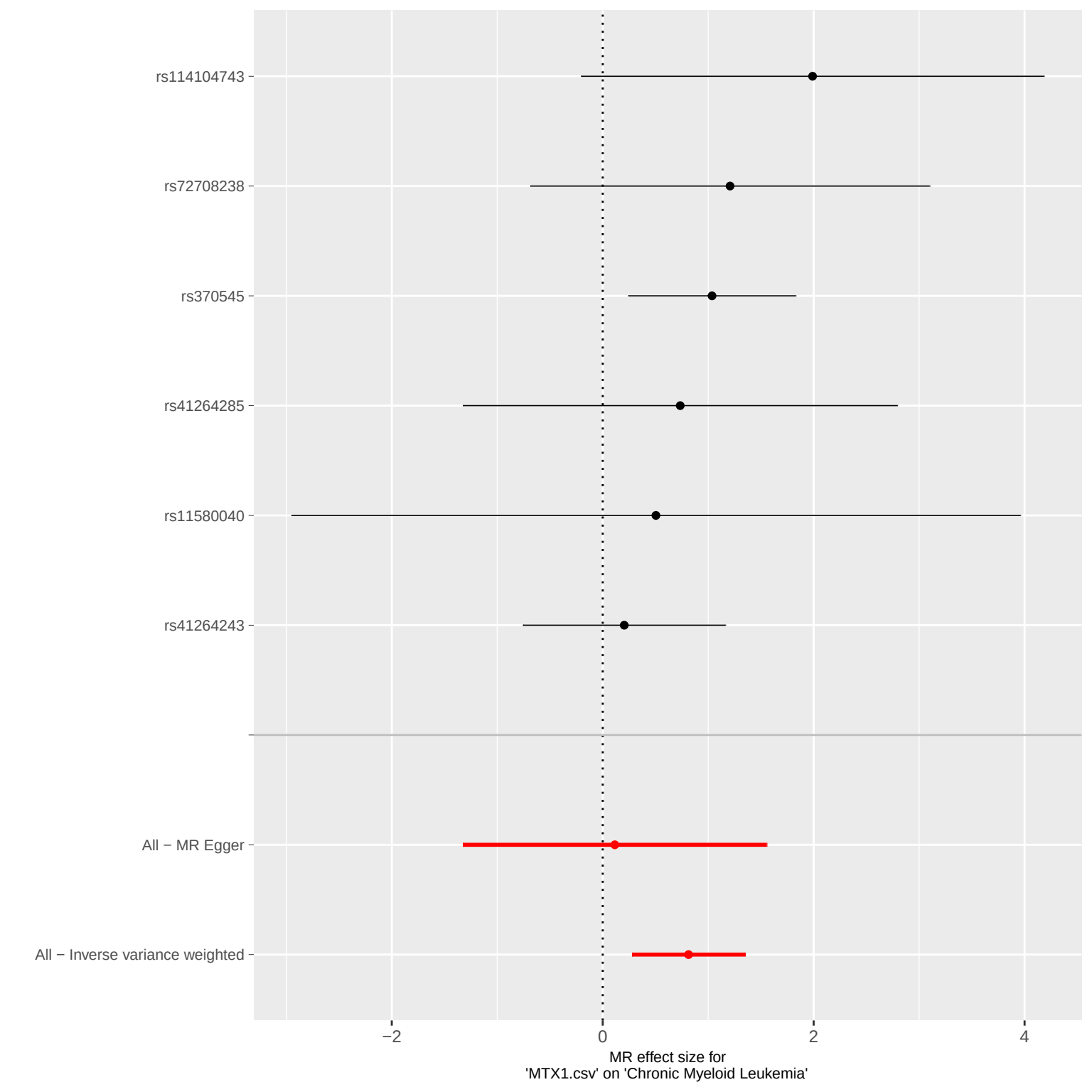
MR effect size for
'MTPAP.csv' on 'Chronic Myeloid Leukemia'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rs370545
rs41264285
rs11580040
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All − Inverse variance weighted
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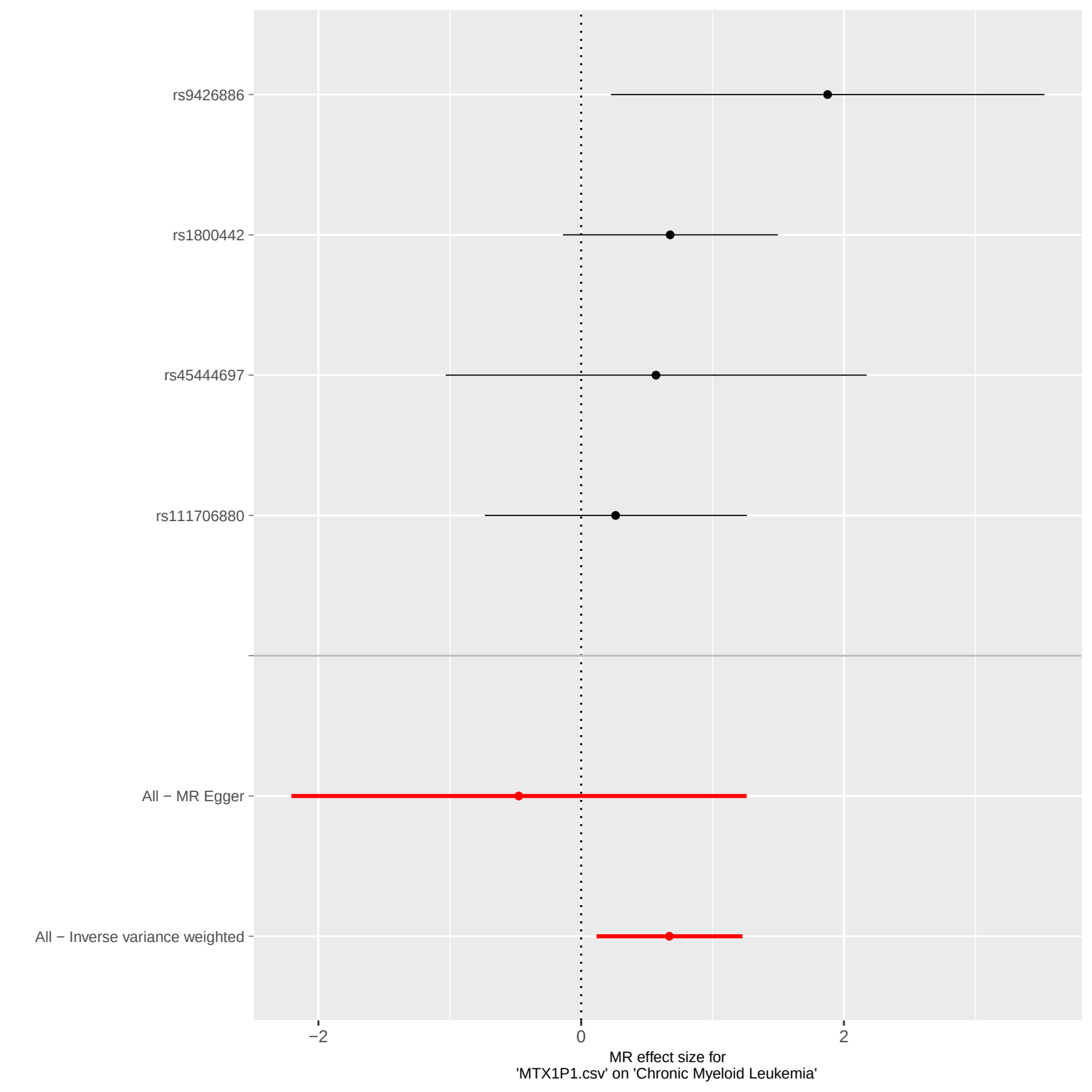
'MTX1.csv' on 'Chronic Myeloid Leukemia'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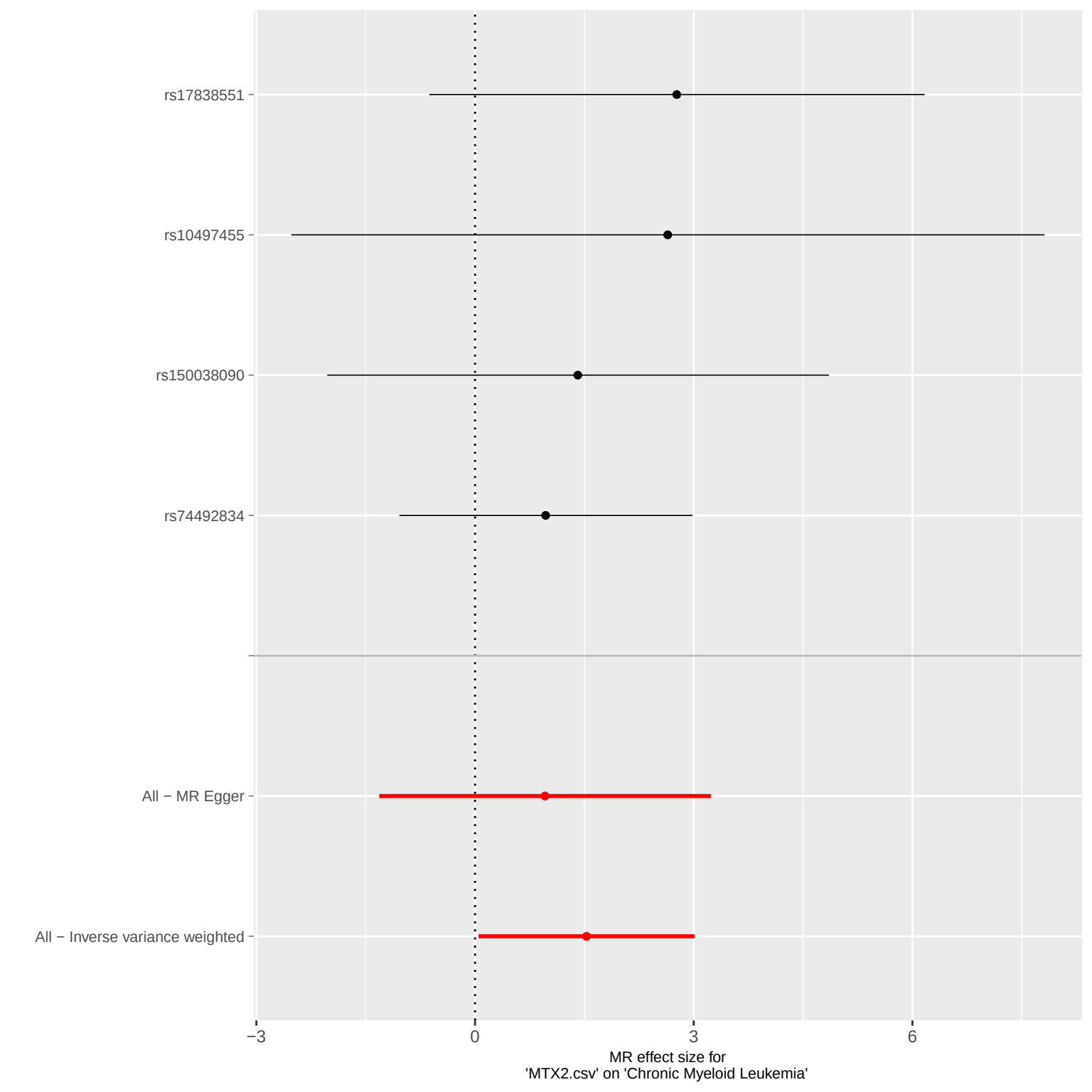
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MR effect size for
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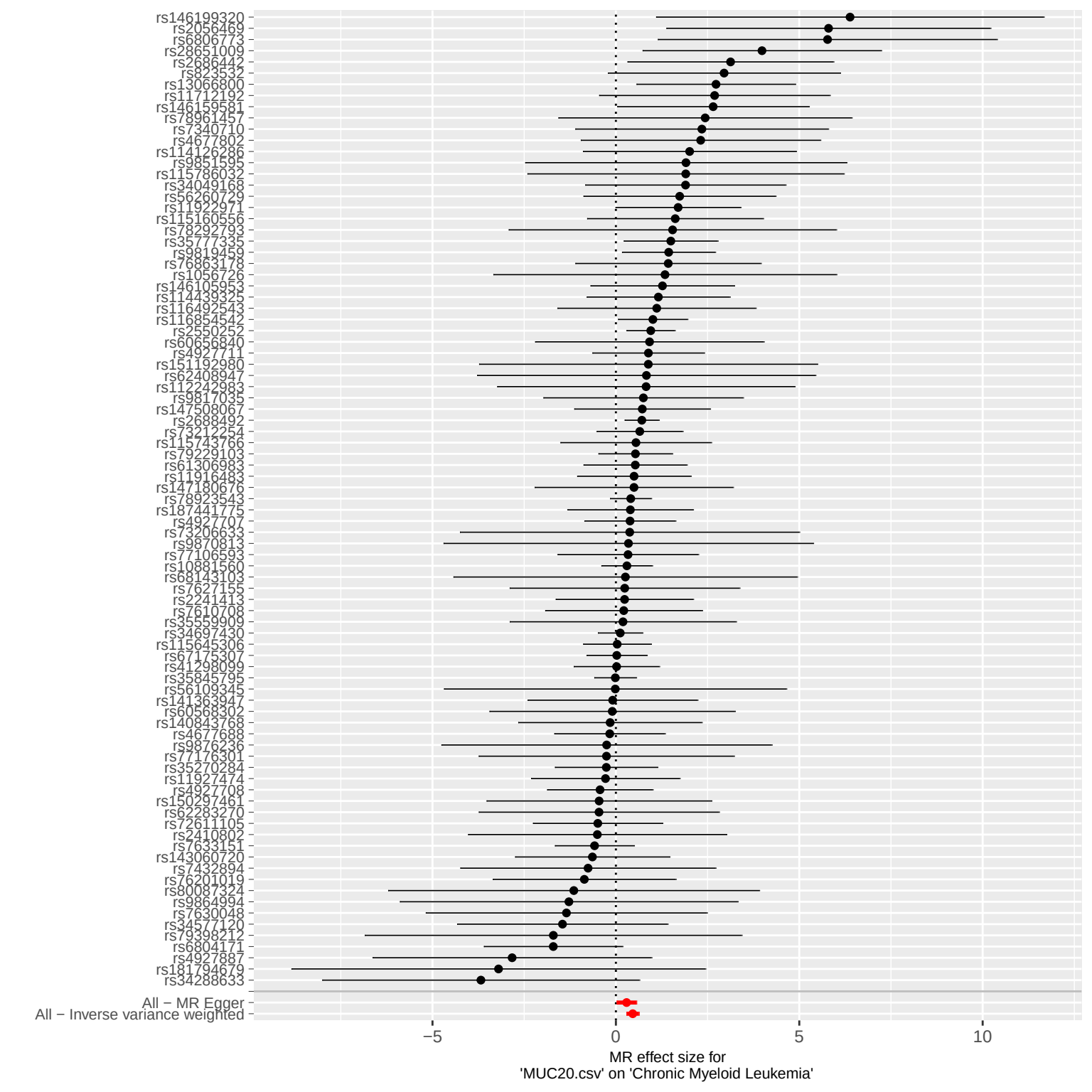
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rs79398212
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rs181794679
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All − MR Egger
All − Inverse variance weighted
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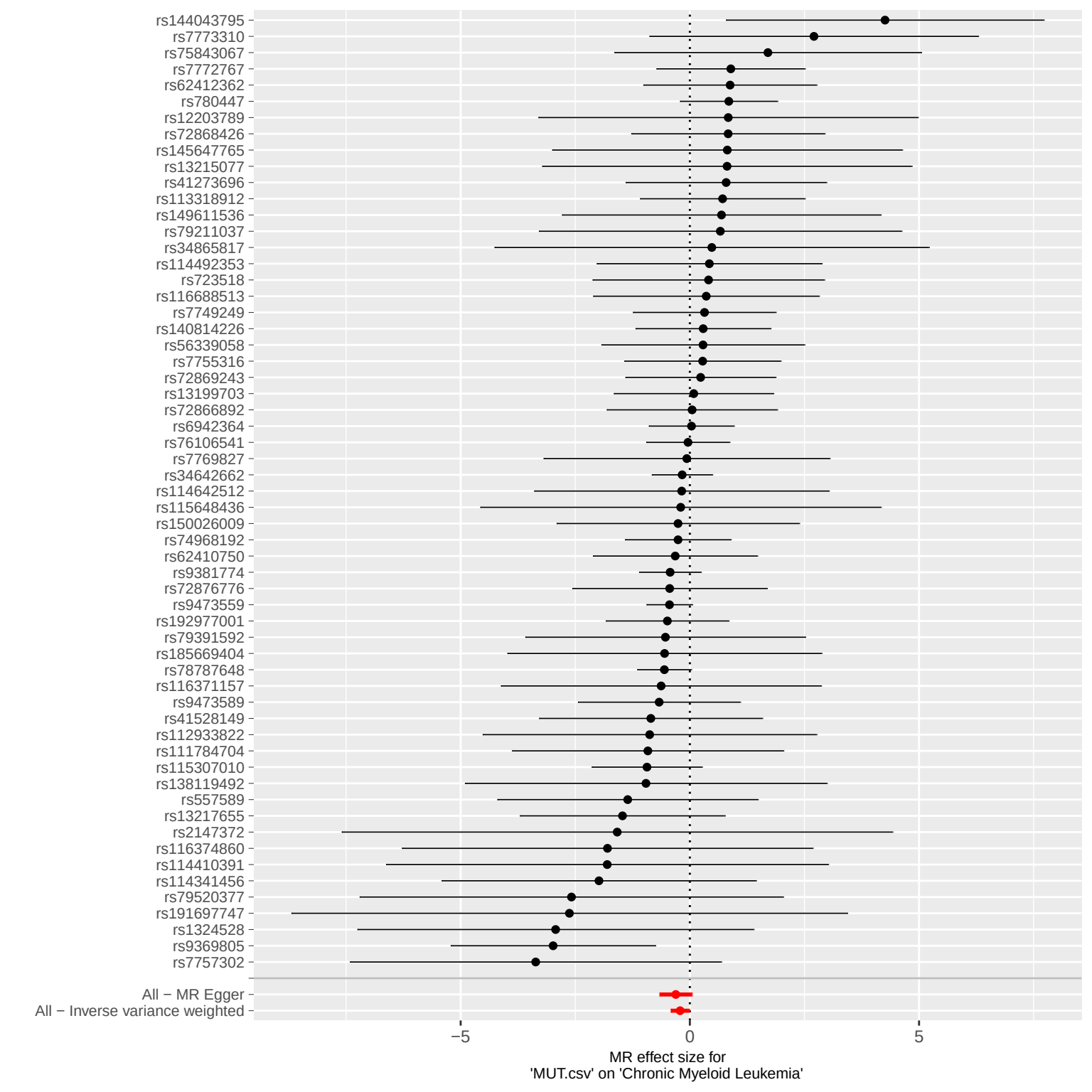
MR effect size for
'MUC20.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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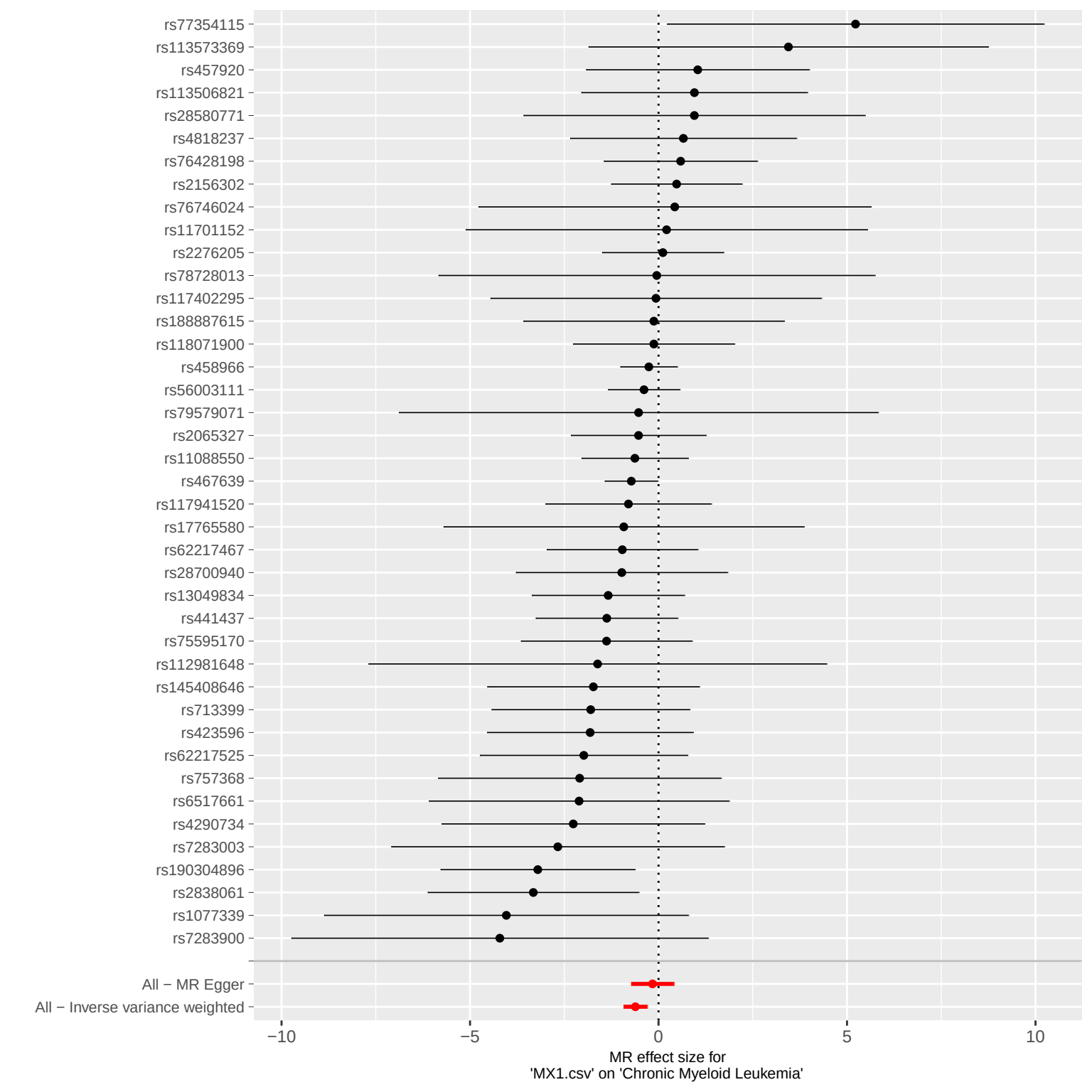
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rs4290734
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rs1077339
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All − MR Egger
All − Inverse variance weighted
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−5
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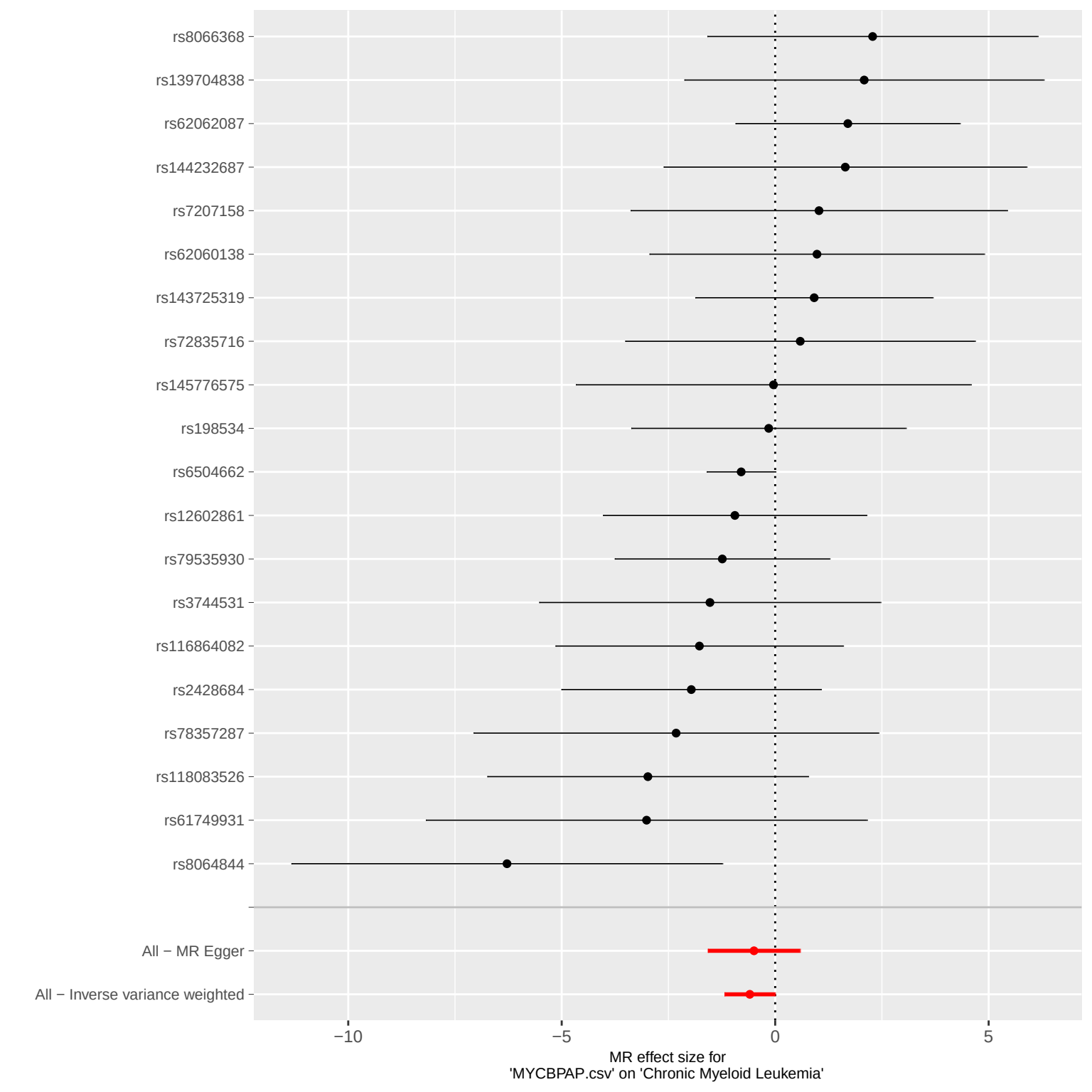
MR effect size for
'MX1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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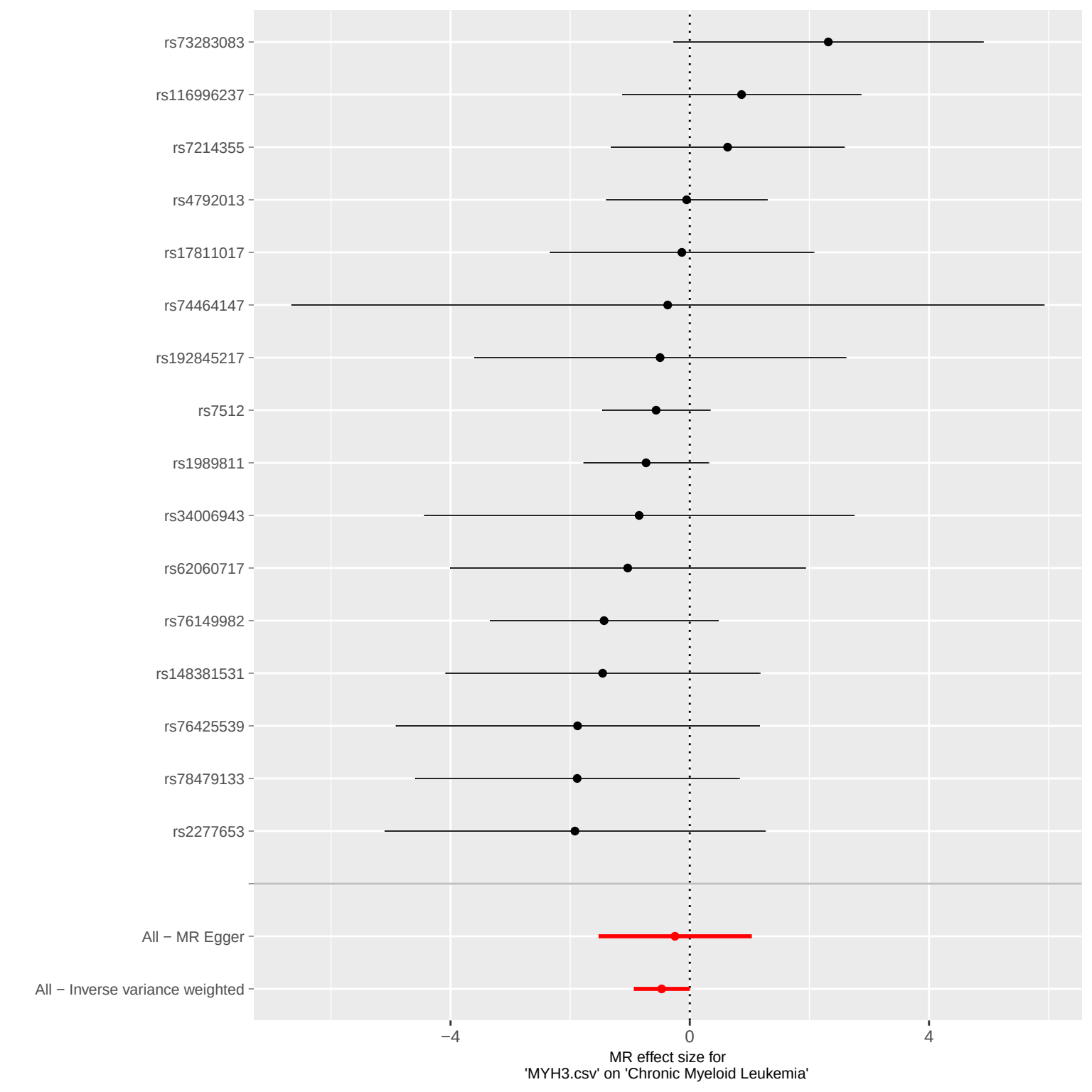
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All − Inverse variance weighted
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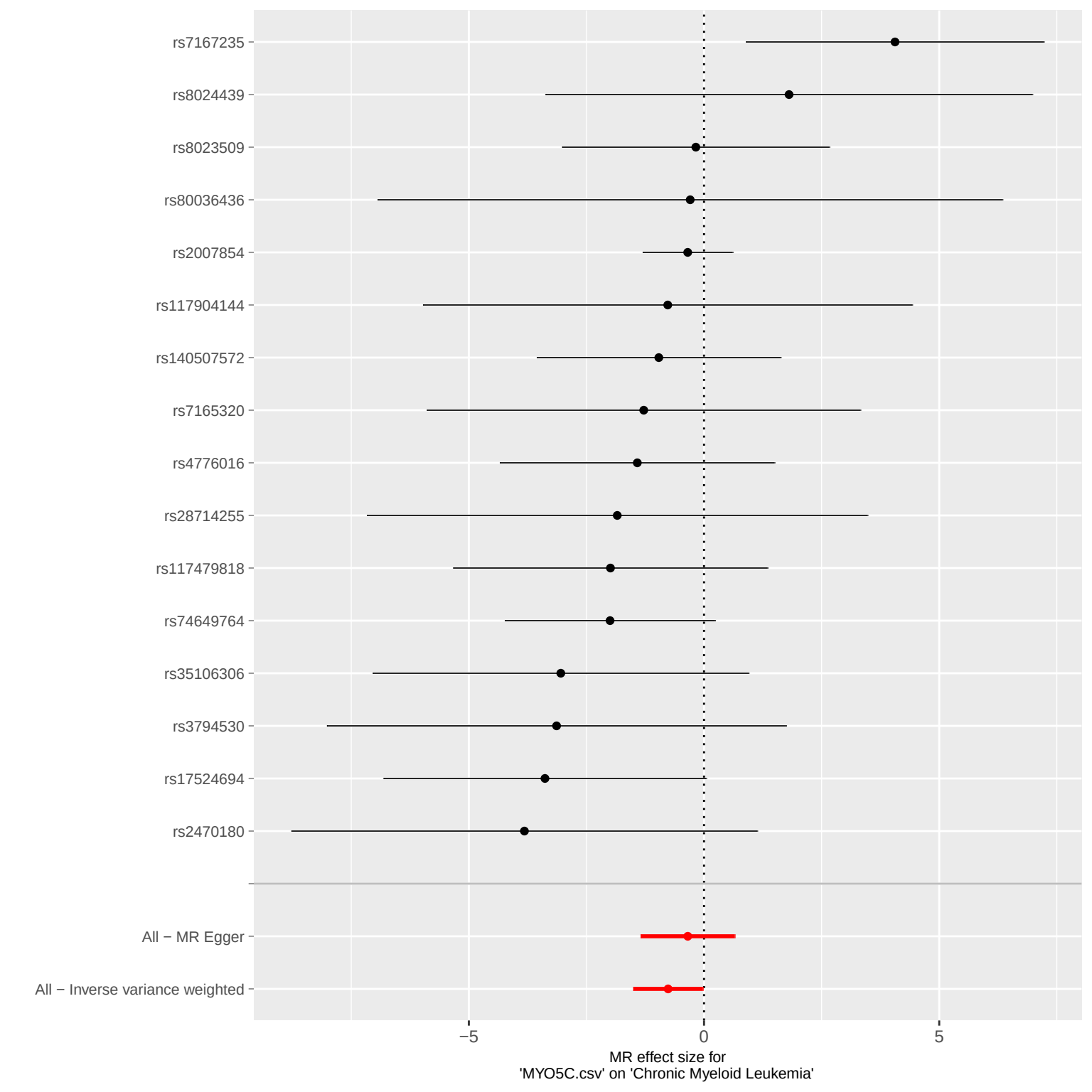
MR effect size for
'MYH3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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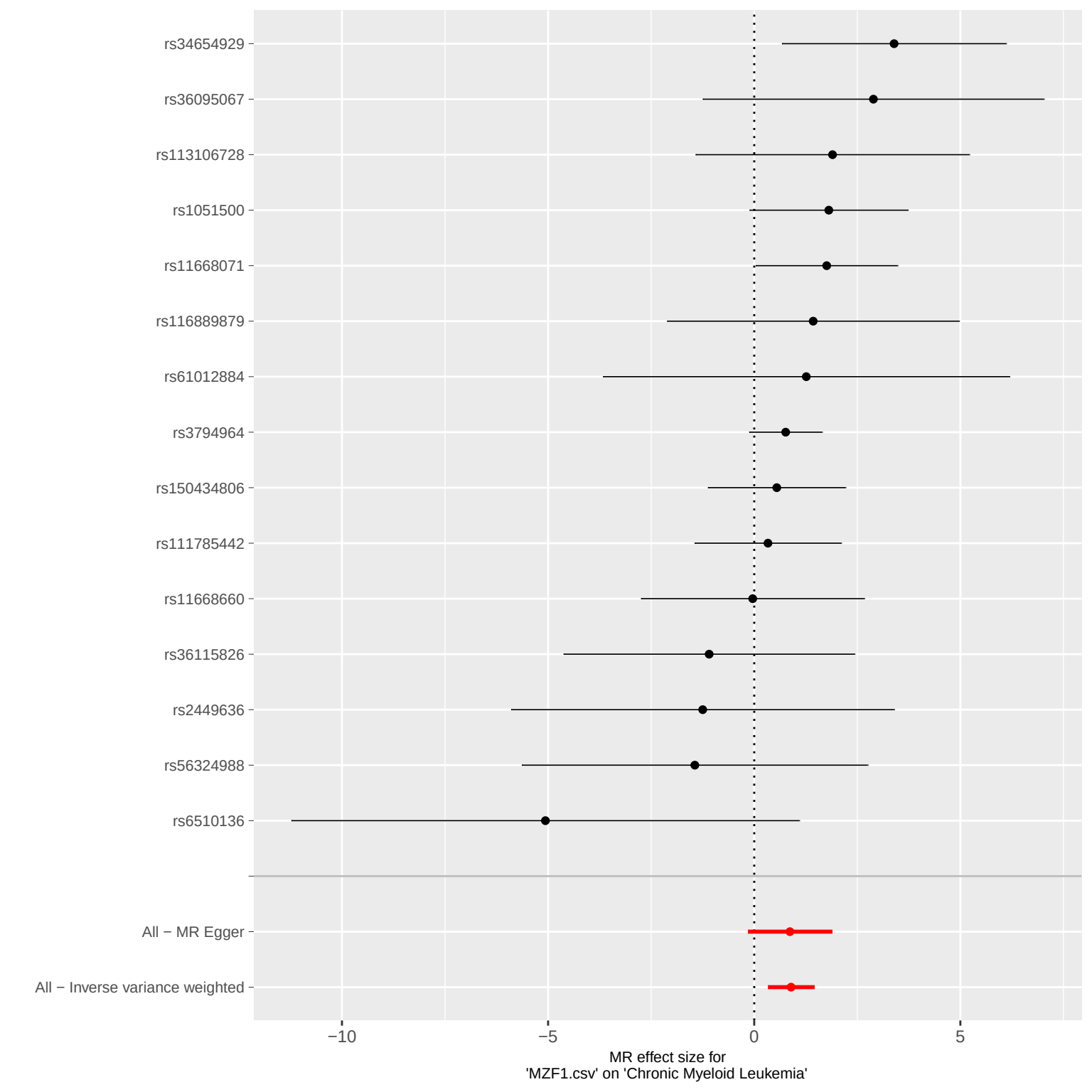
MR effect size for
'MYO5C.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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MR effect size for
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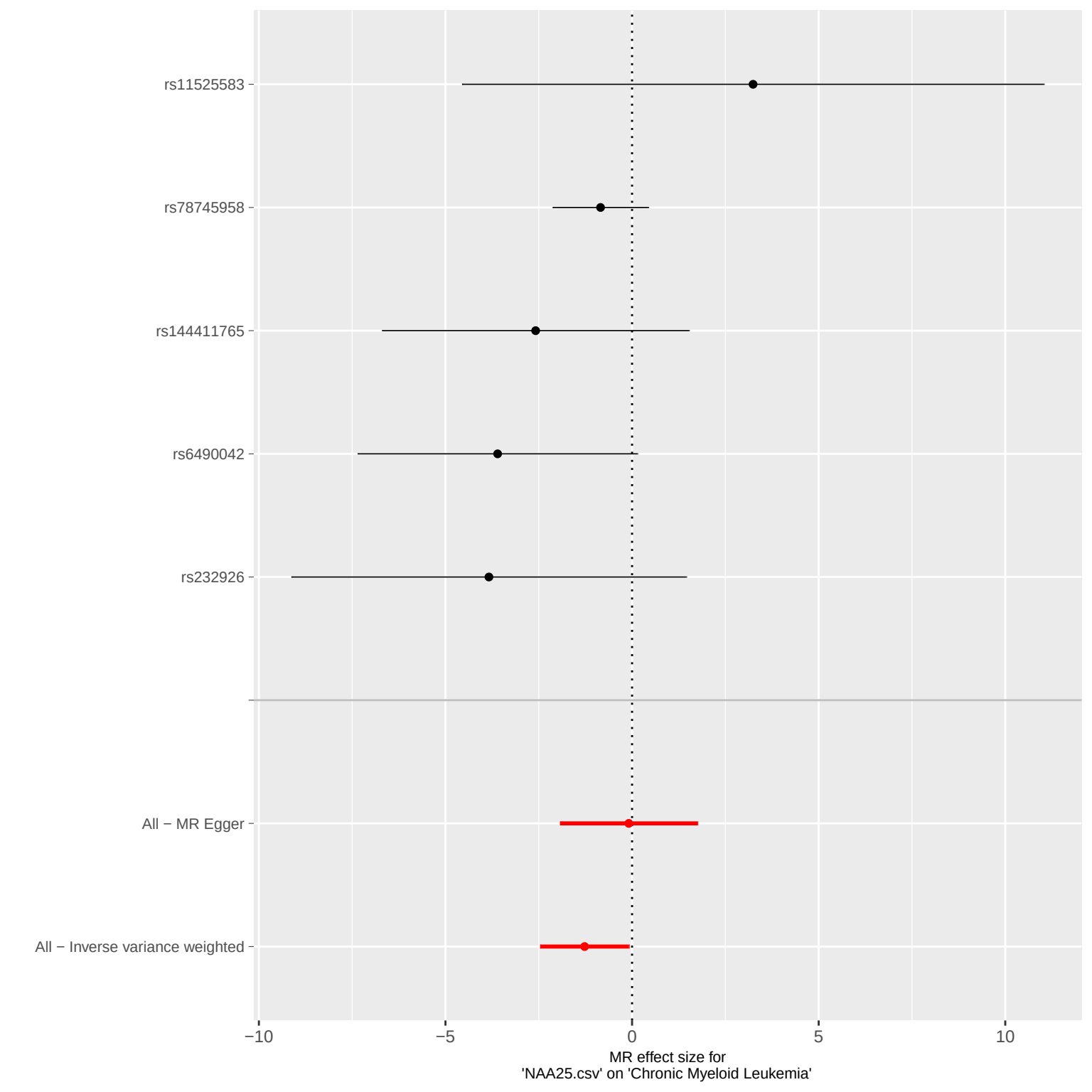
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MR effect size for
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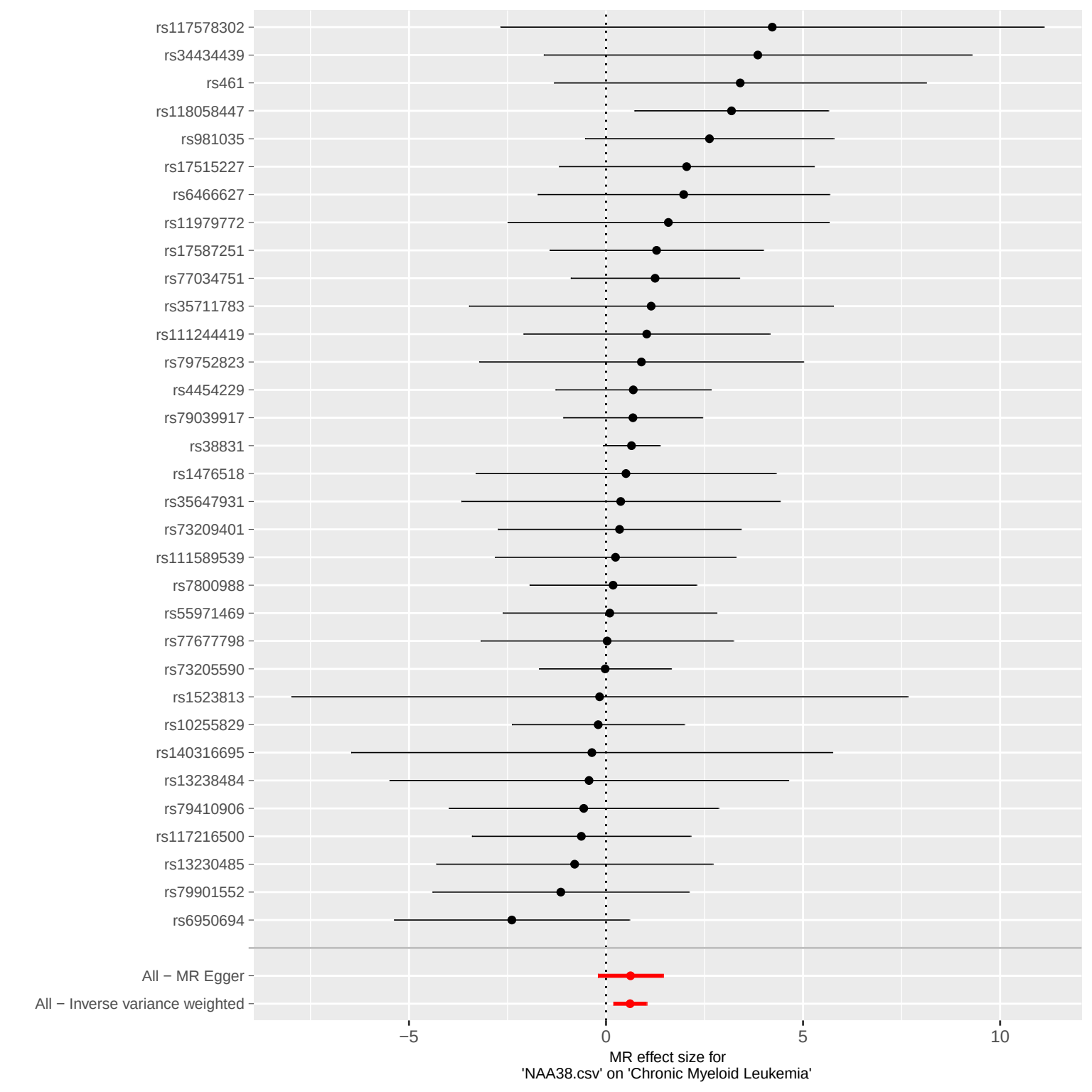
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MR effect size for
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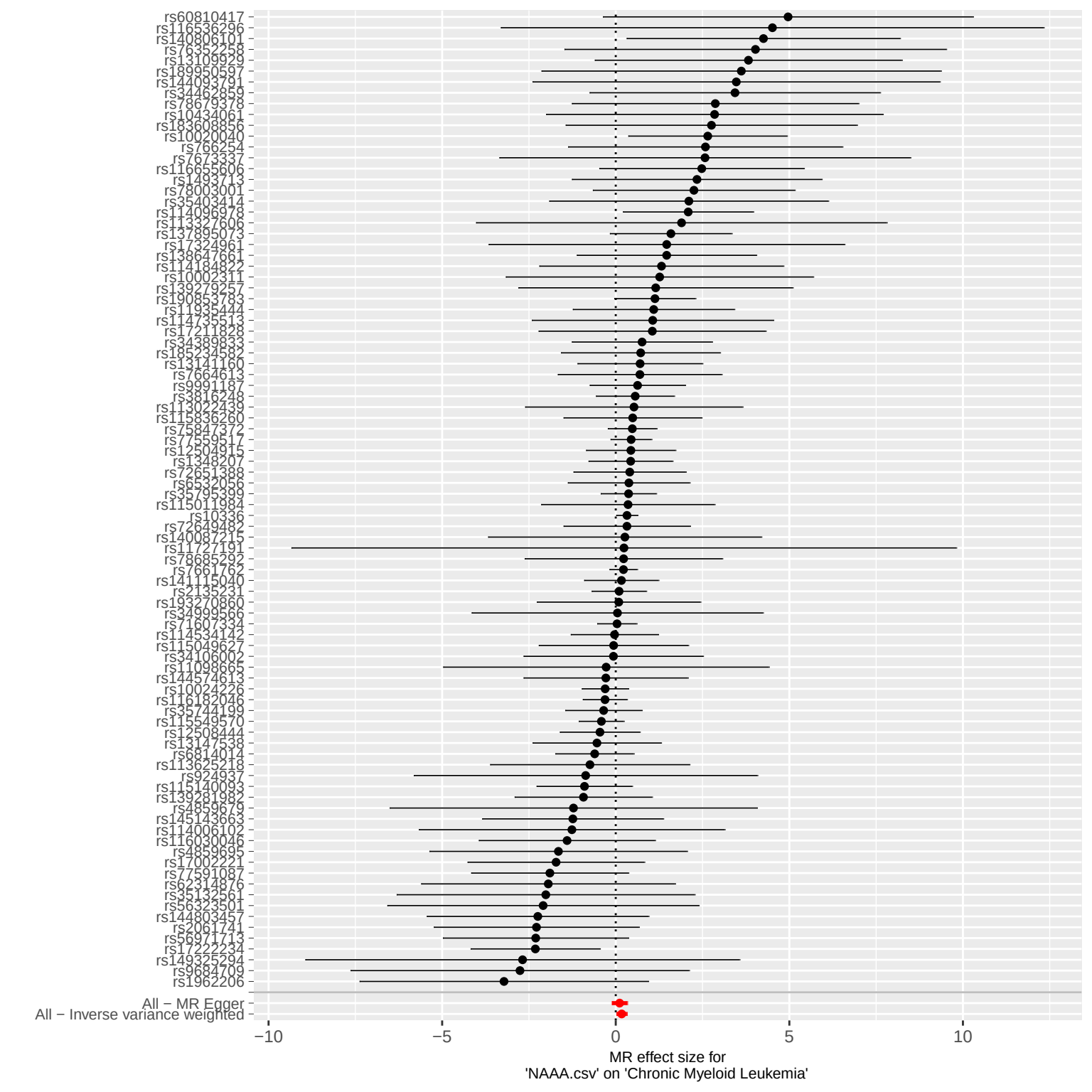
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All − Inverse variance weighted
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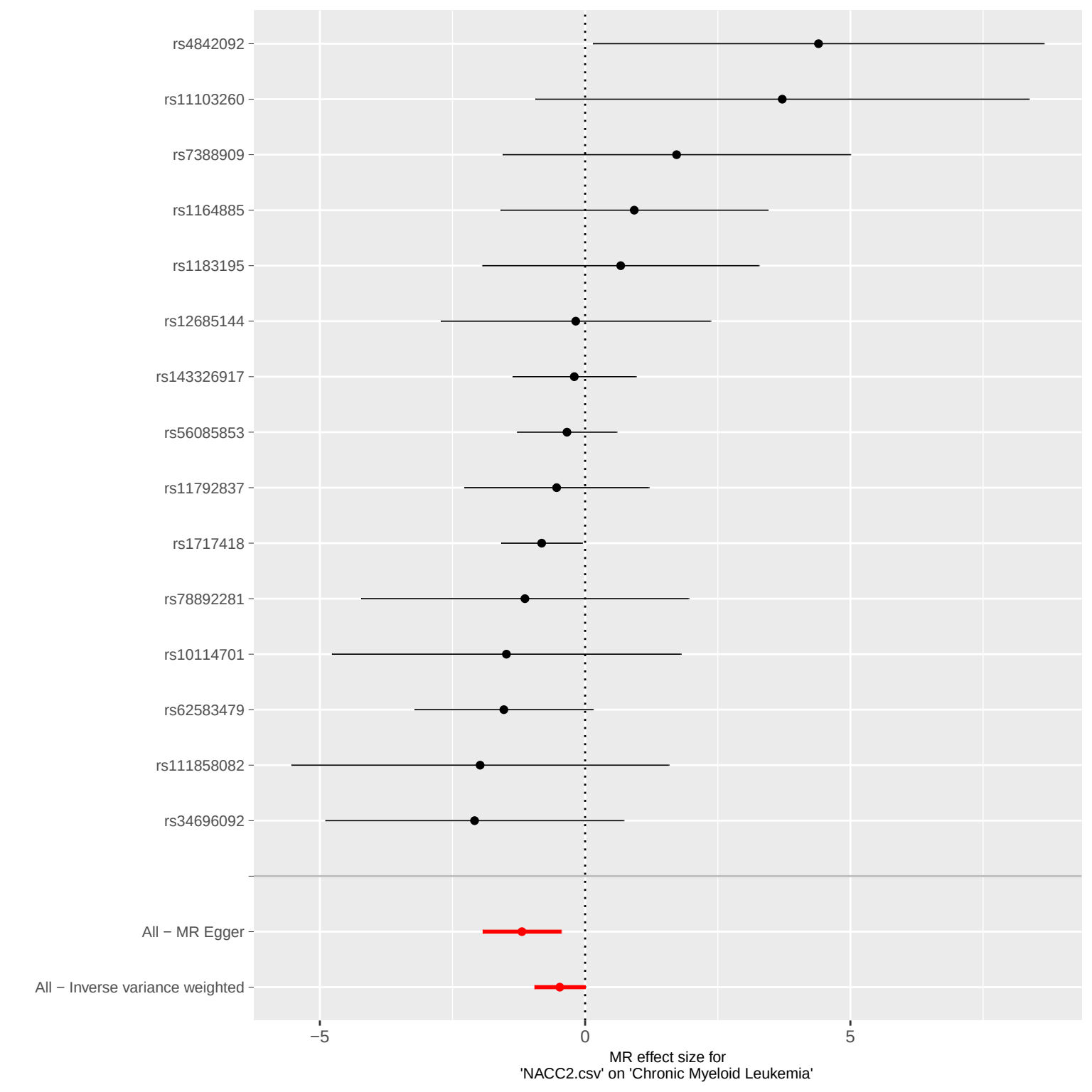
MR effect size for
'NAAA.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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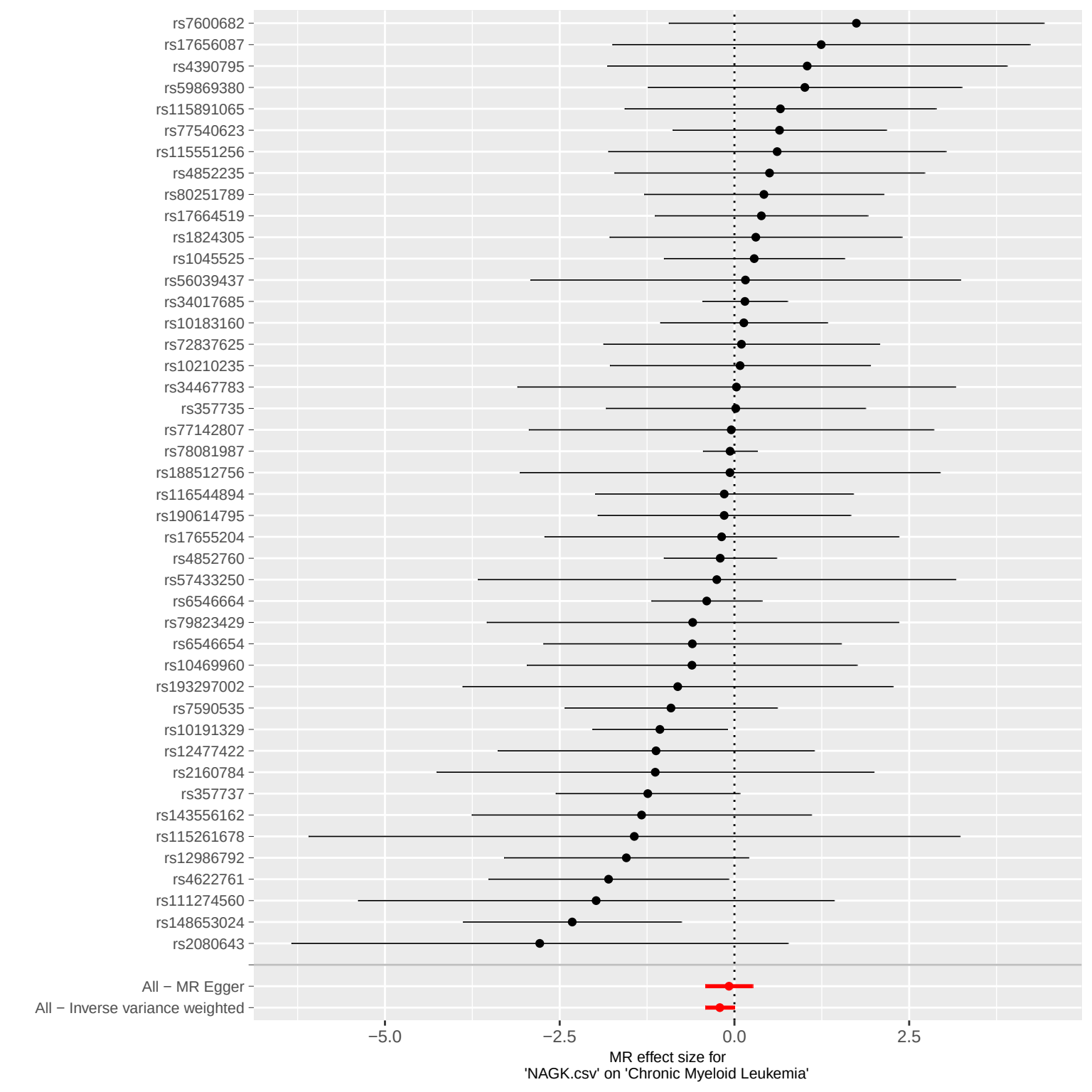
MR effect size for
'NACC2.csv' on 'Chronic Myeloid Leukemia'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0.0
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MR effect size for
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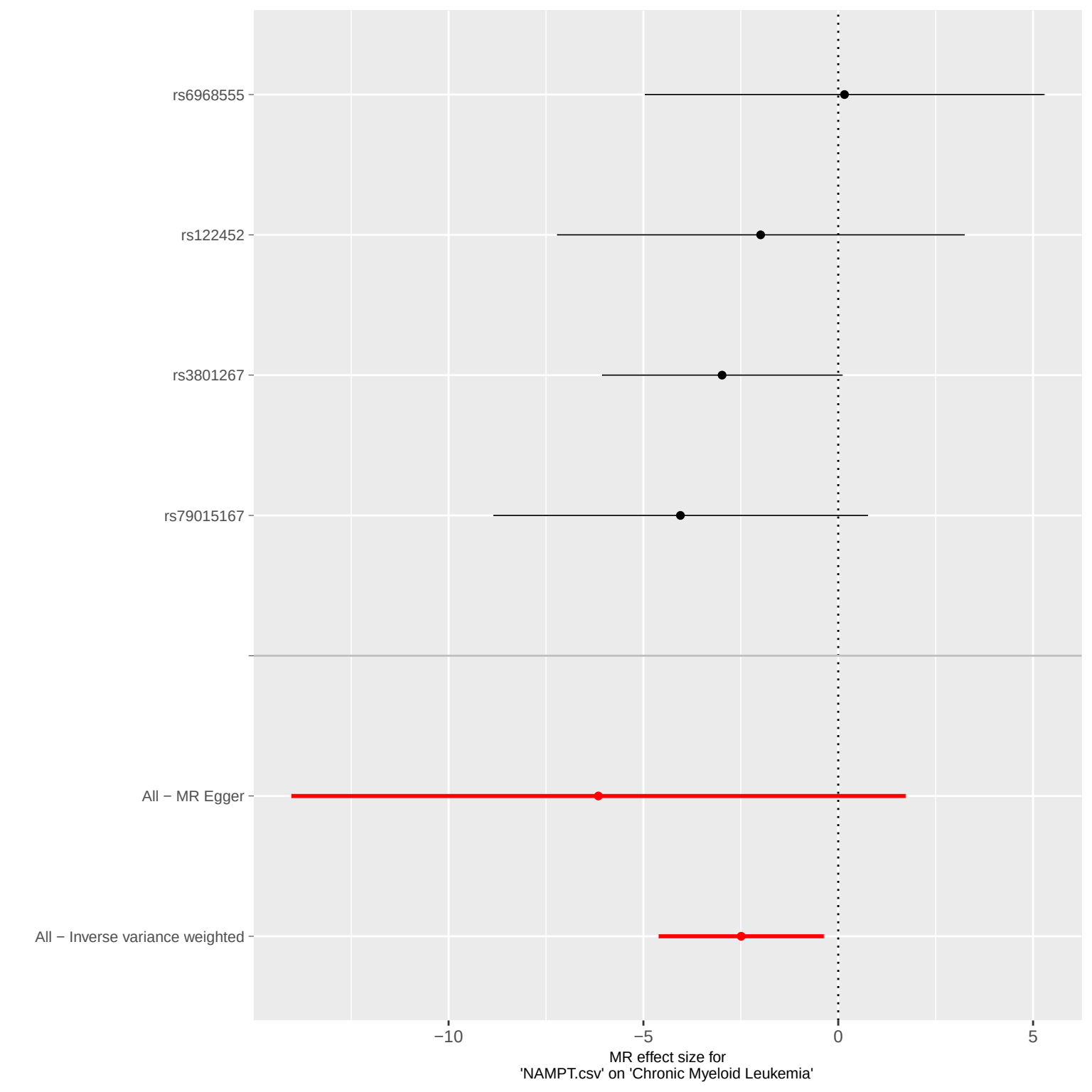
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All − MR Egger
All − Inverse variance weighted
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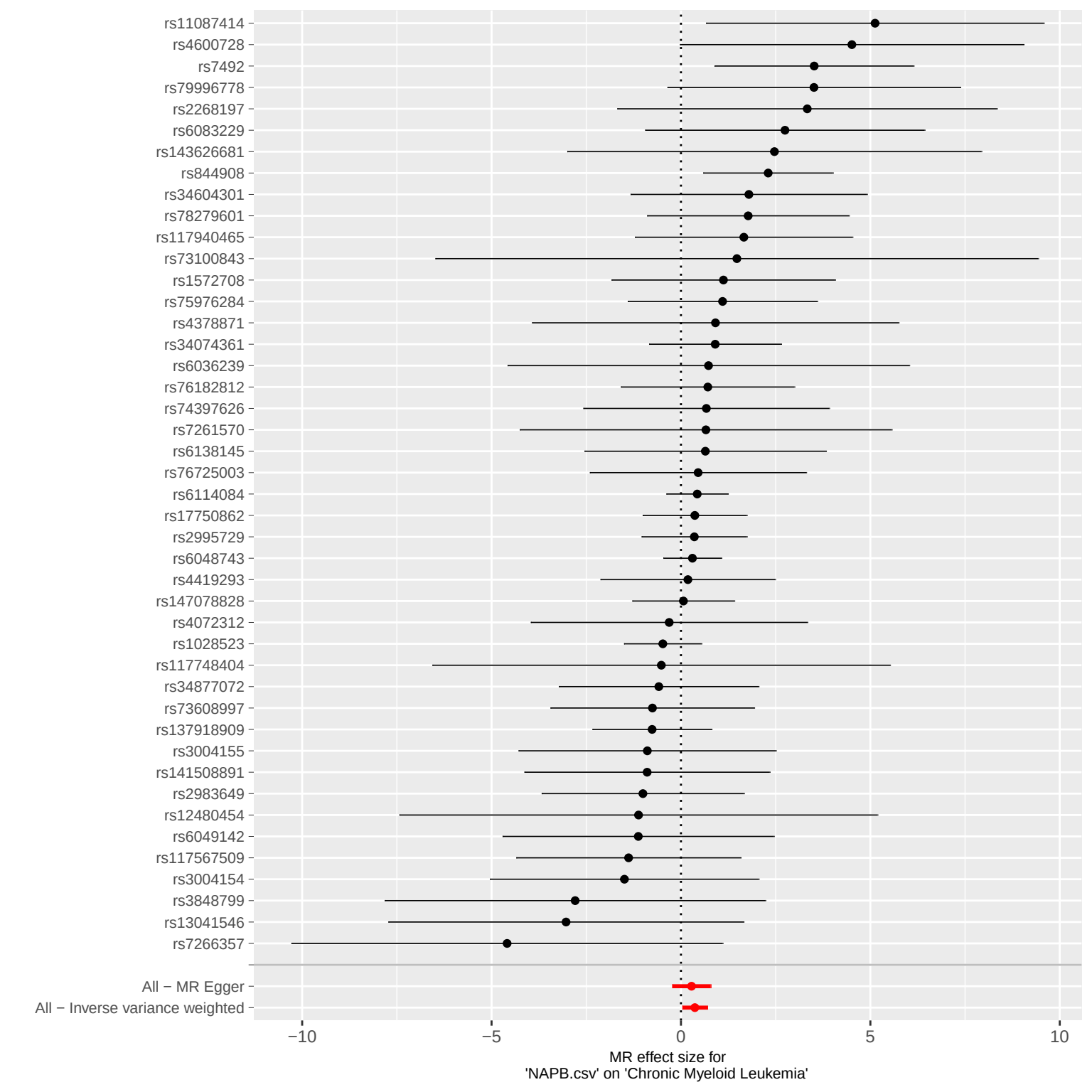
MR effect size for
'NAMPT.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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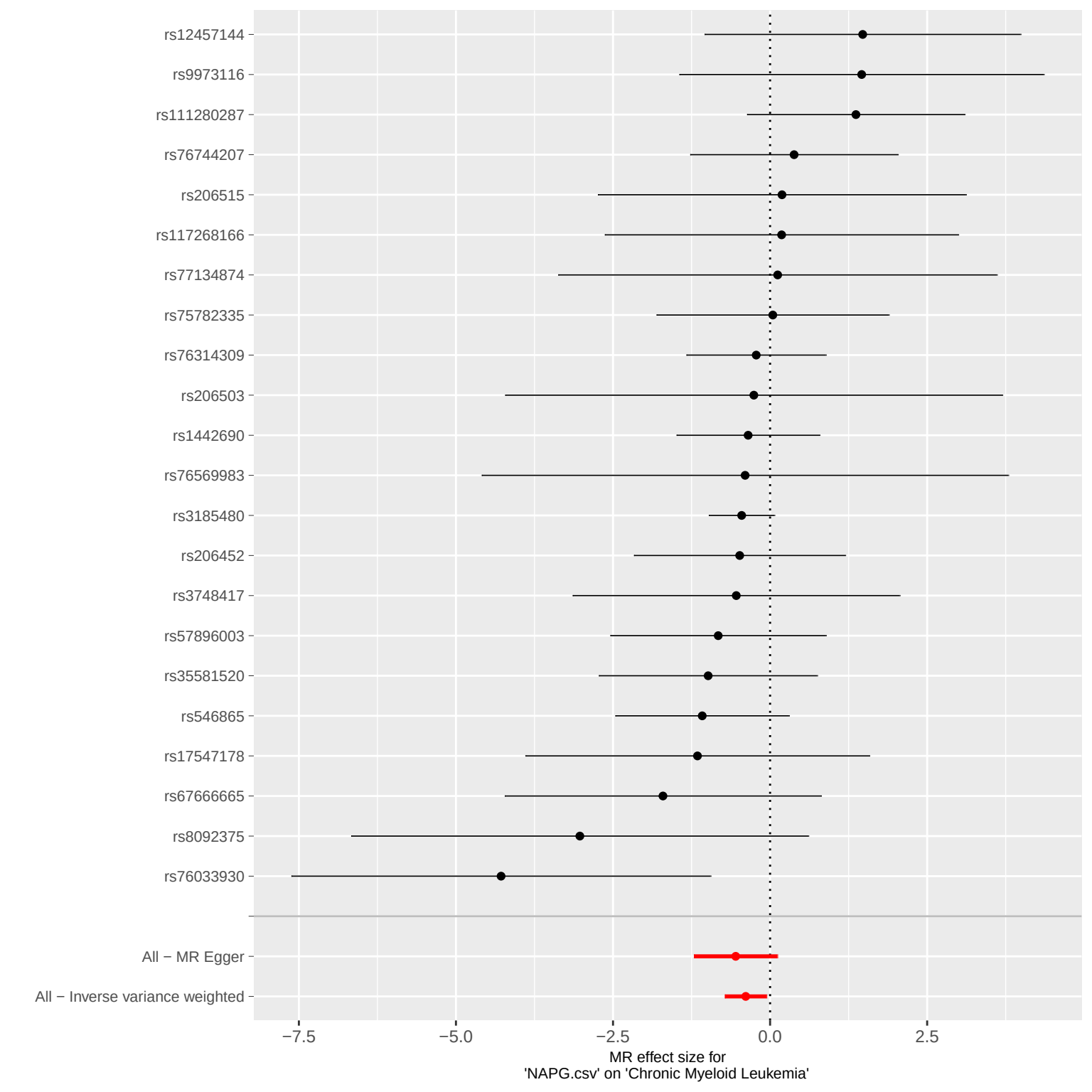
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All − MR Egger
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MR effect size for
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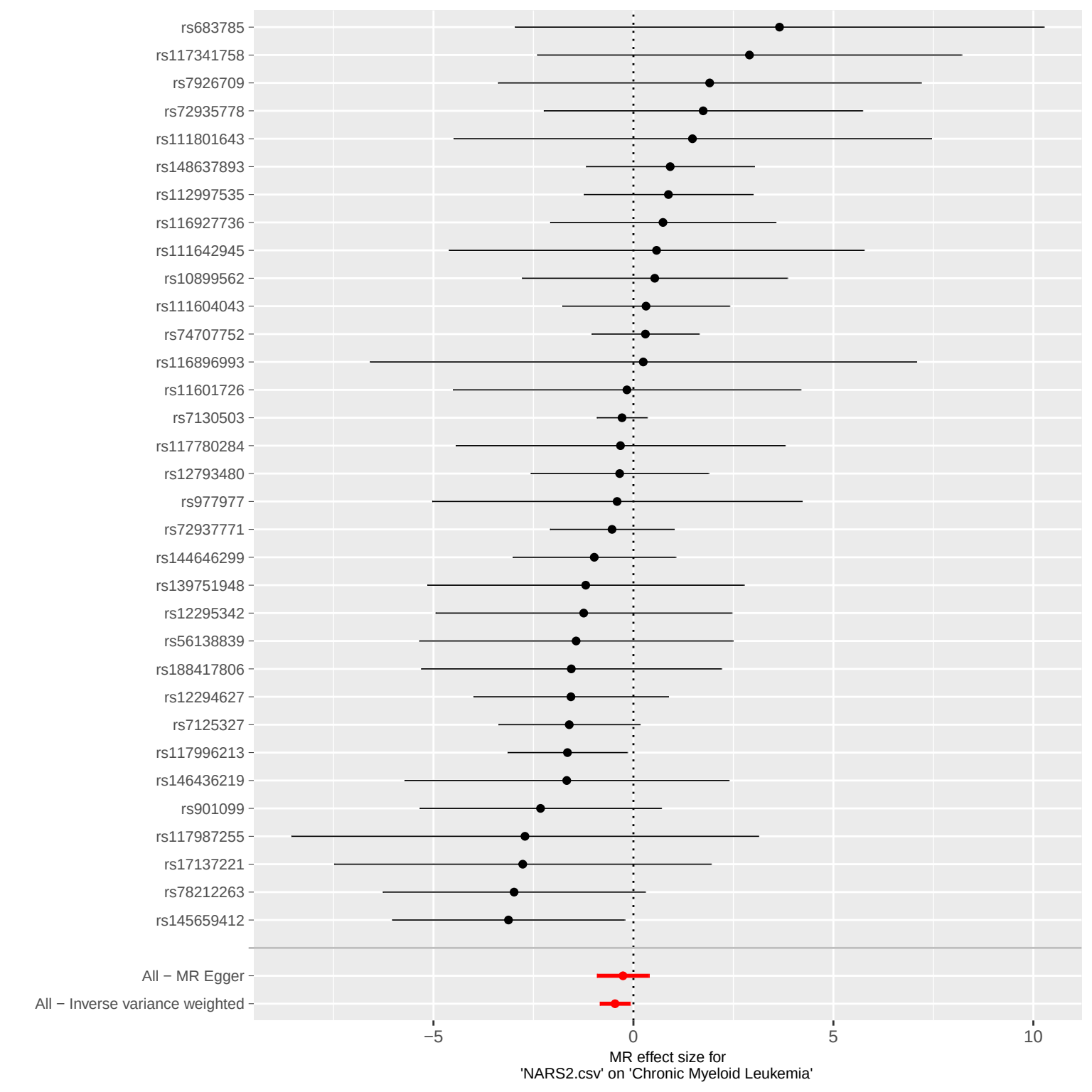
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All − Inverse variance weighted
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MR effect size for
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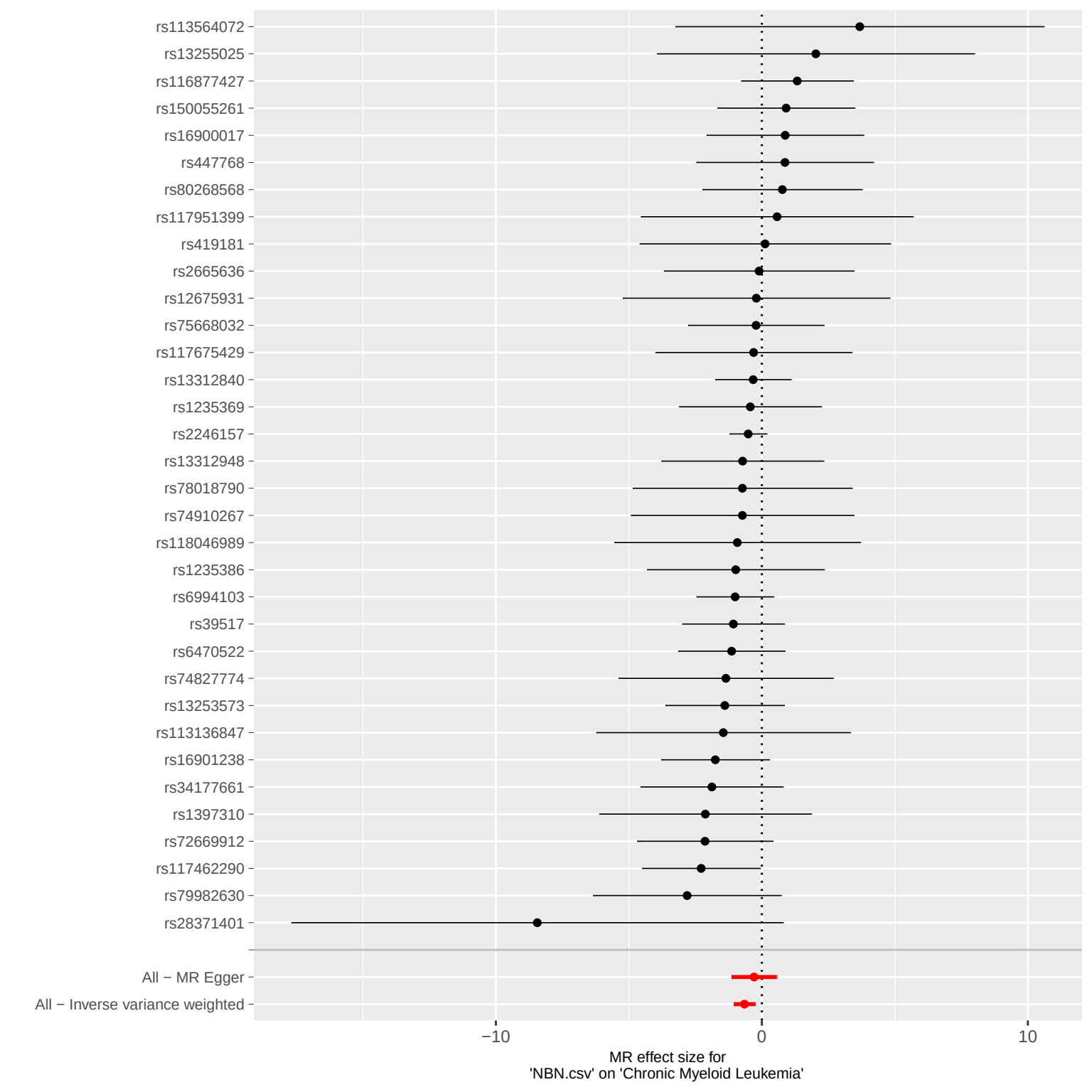
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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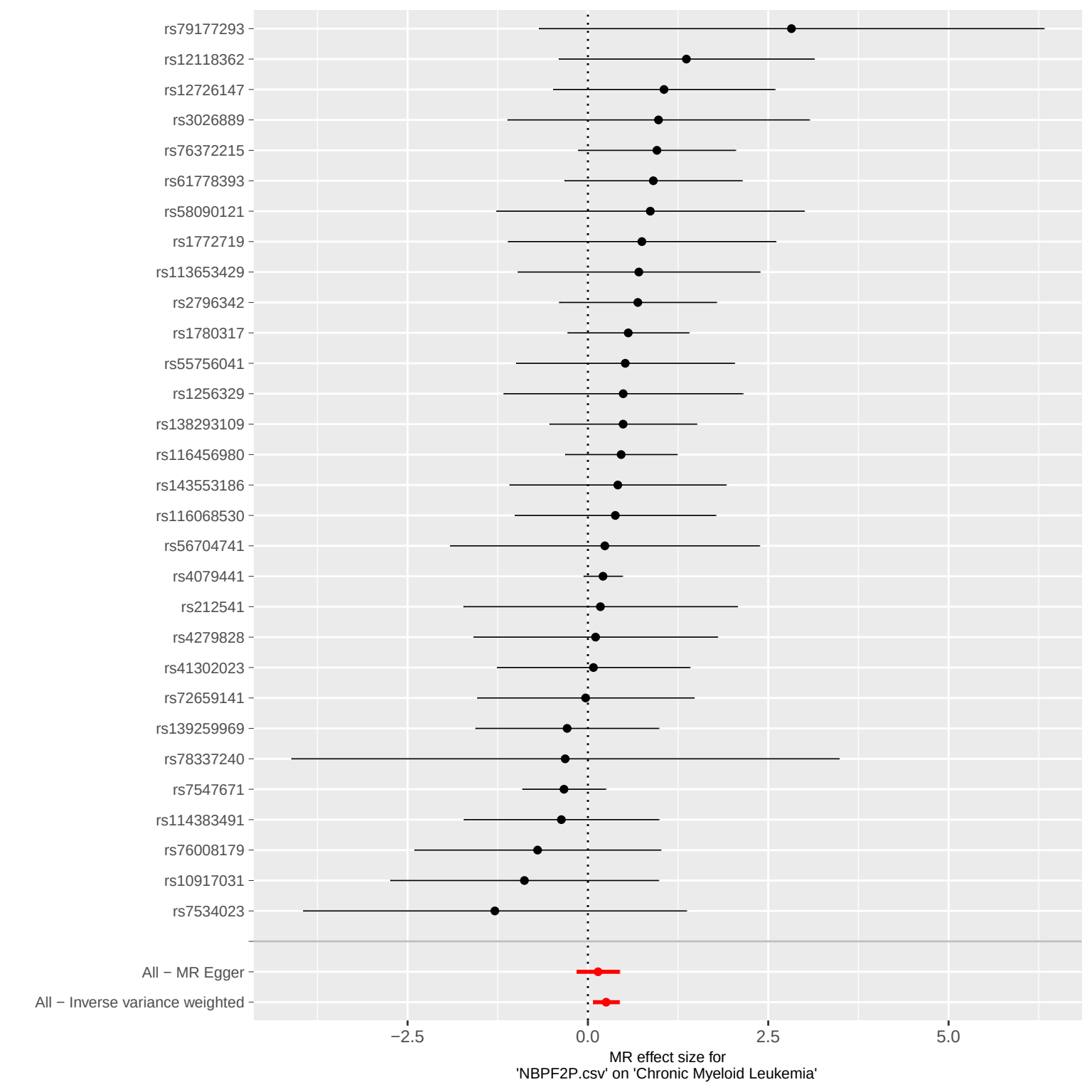
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All − MR Egger
All − Inverse variance weighted
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2.5
5.0
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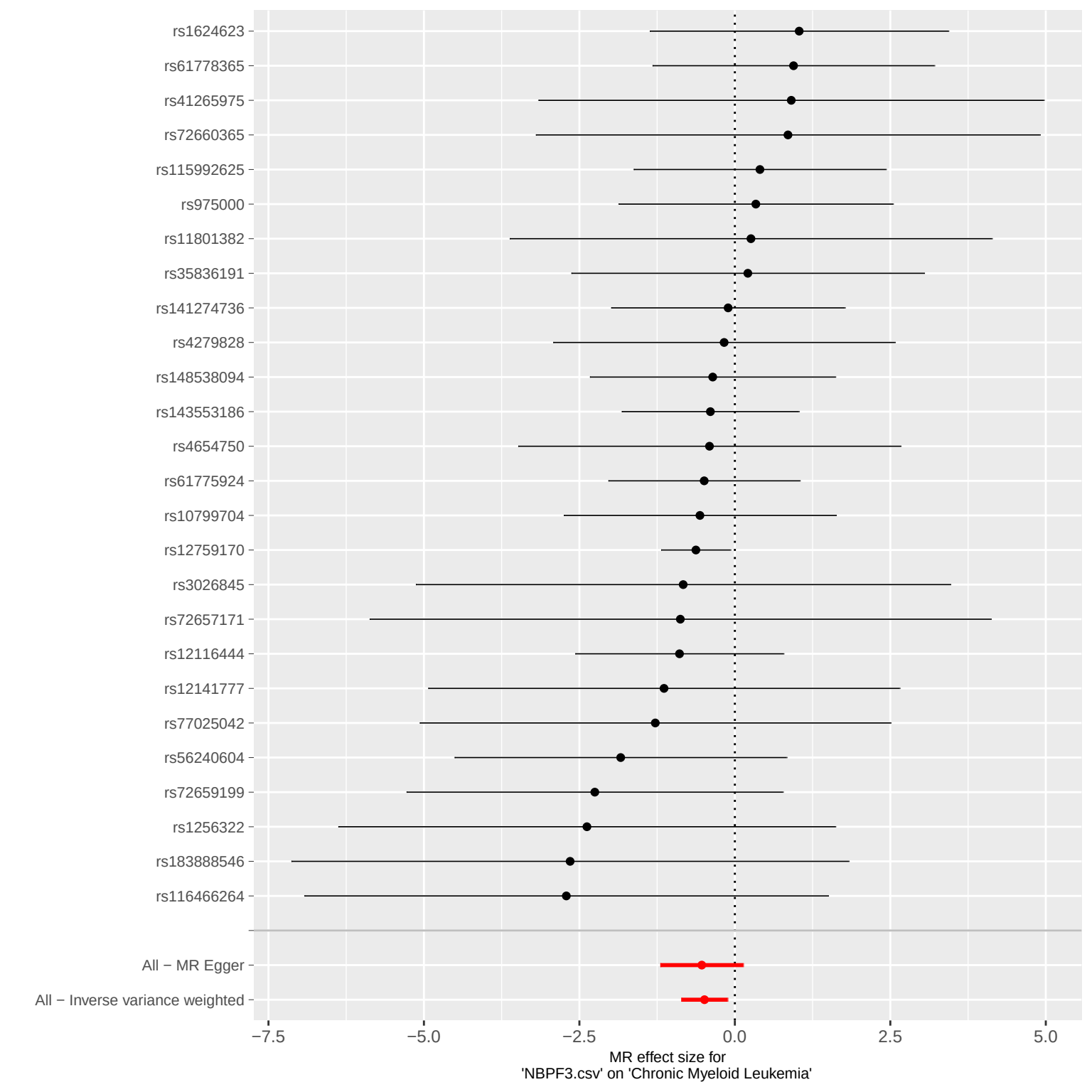
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All − MR Egger
All − Inverse variance weighted
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2.5
5.0
MR effect size for
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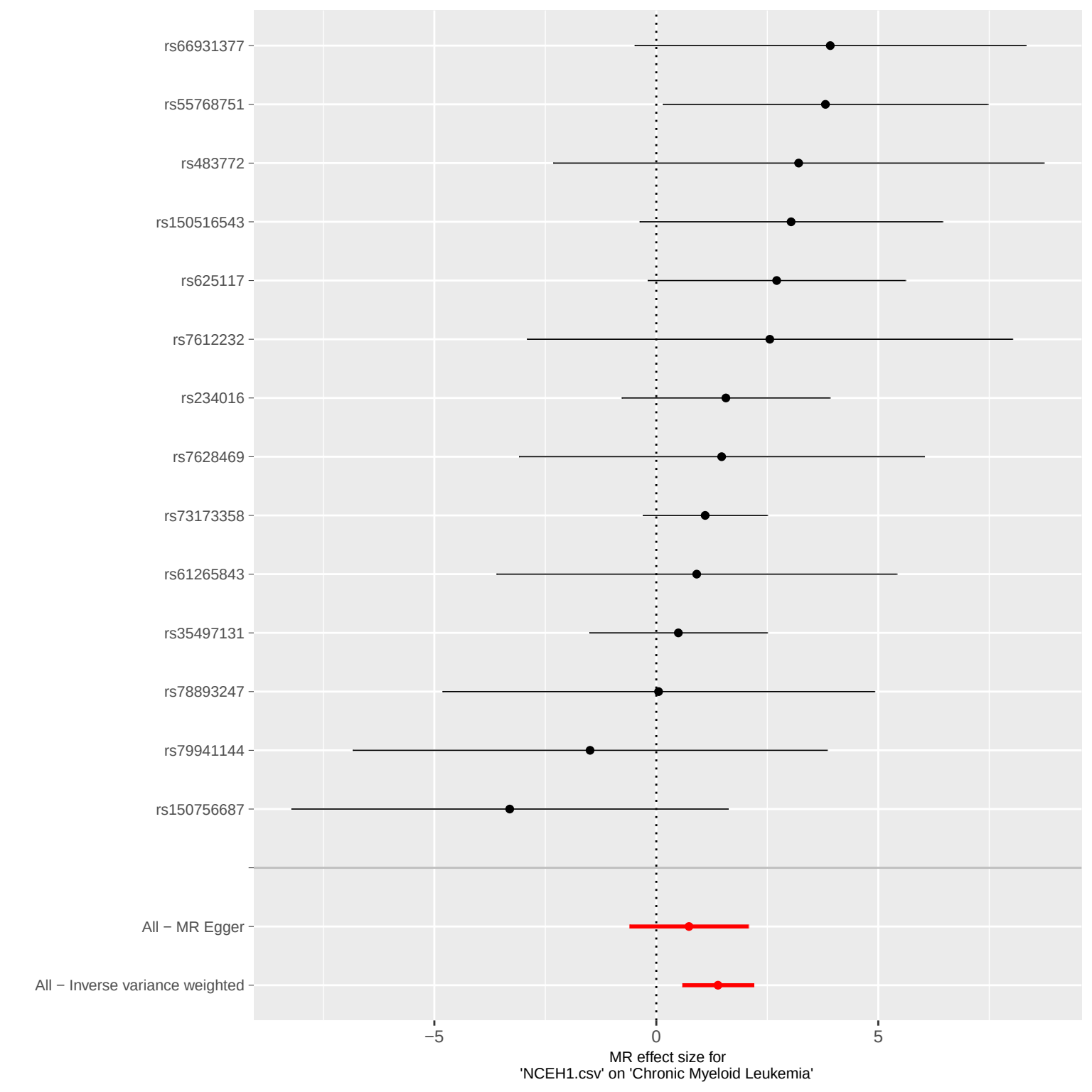
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rs78893247
rs79941144
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All − MR Egger
All − Inverse variance weighted
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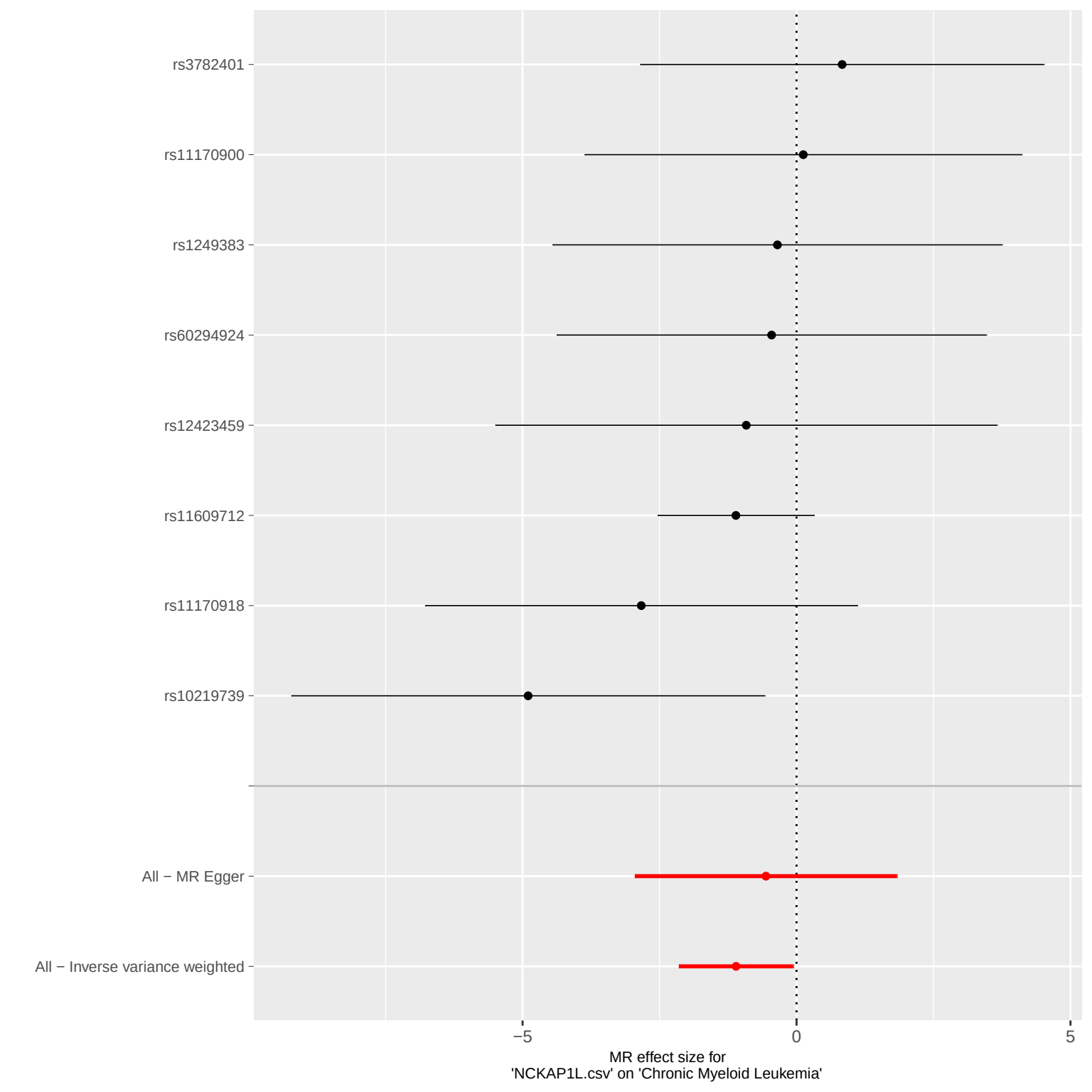
MR effect size for
'NCEH1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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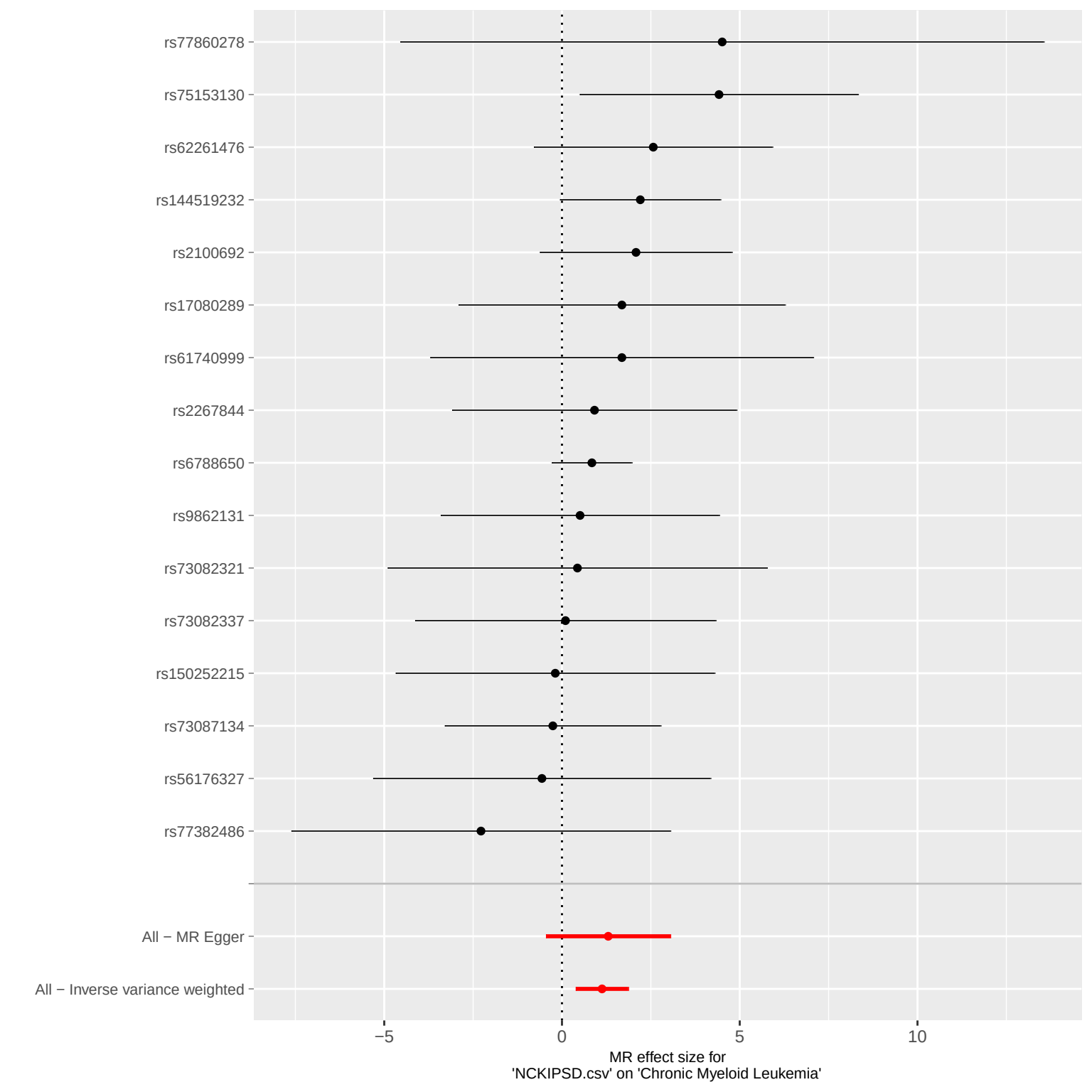
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rs73087134
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All − Inverse variance weighted
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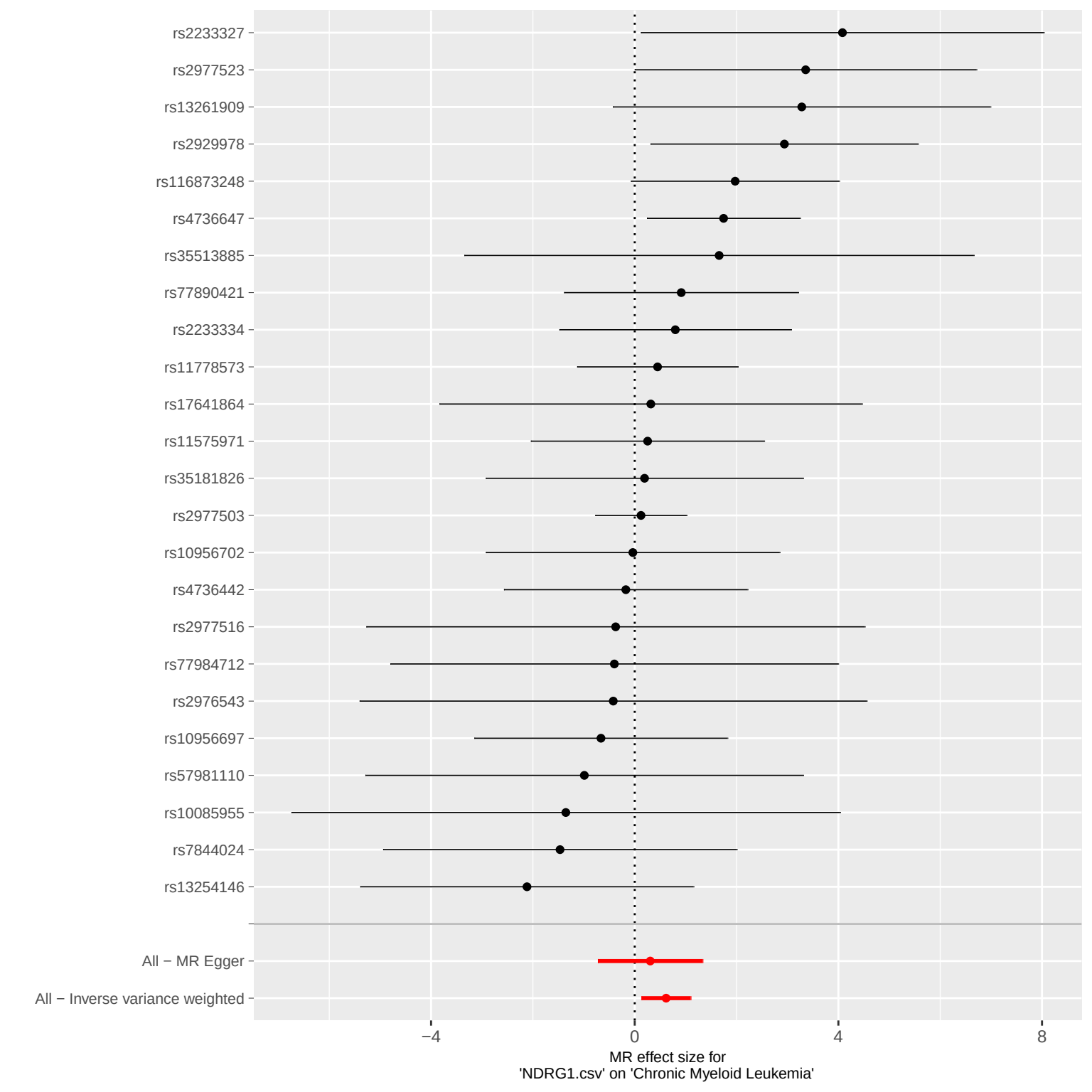
MR effect size for
'NCKIPSD.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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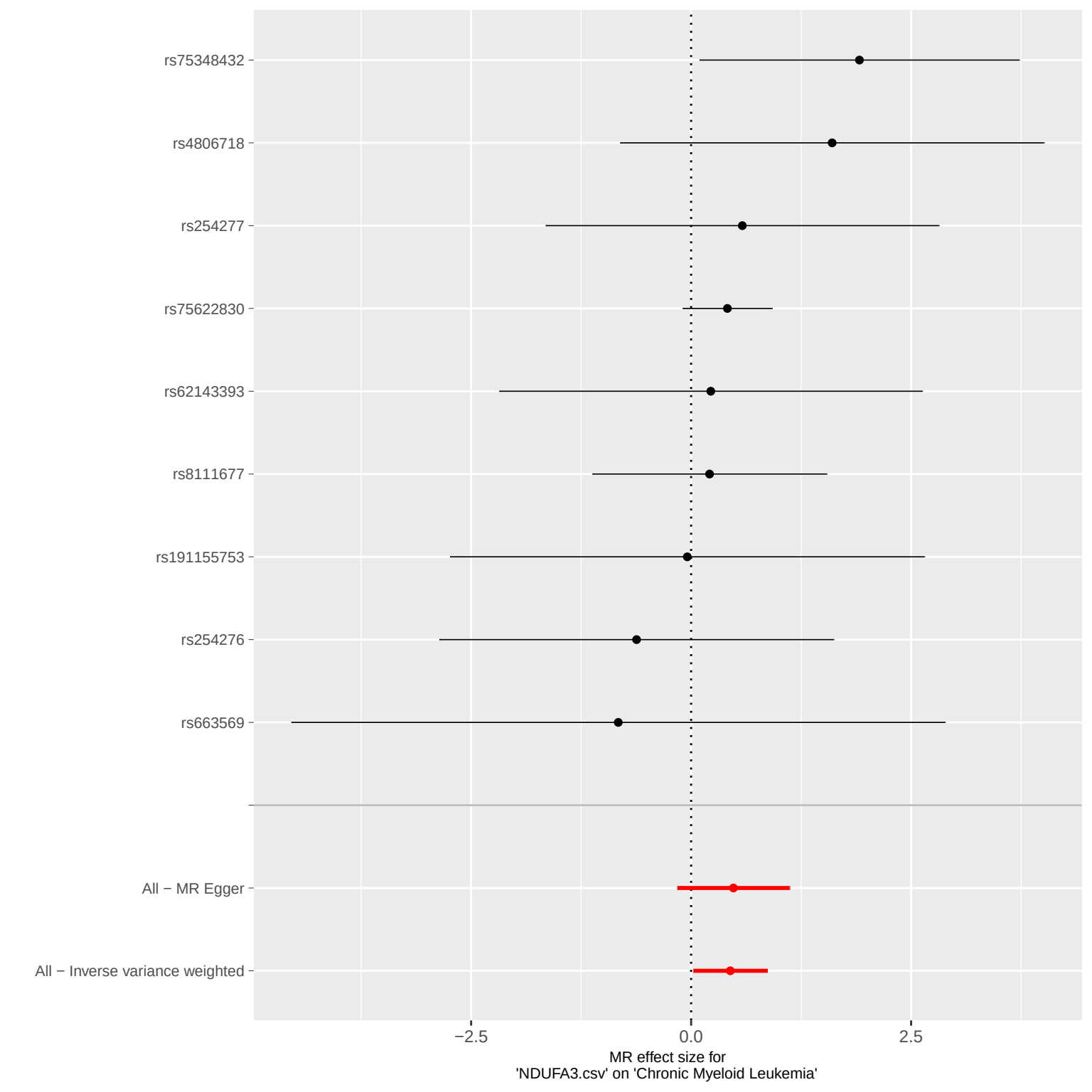
MR effect size for
'NDRG1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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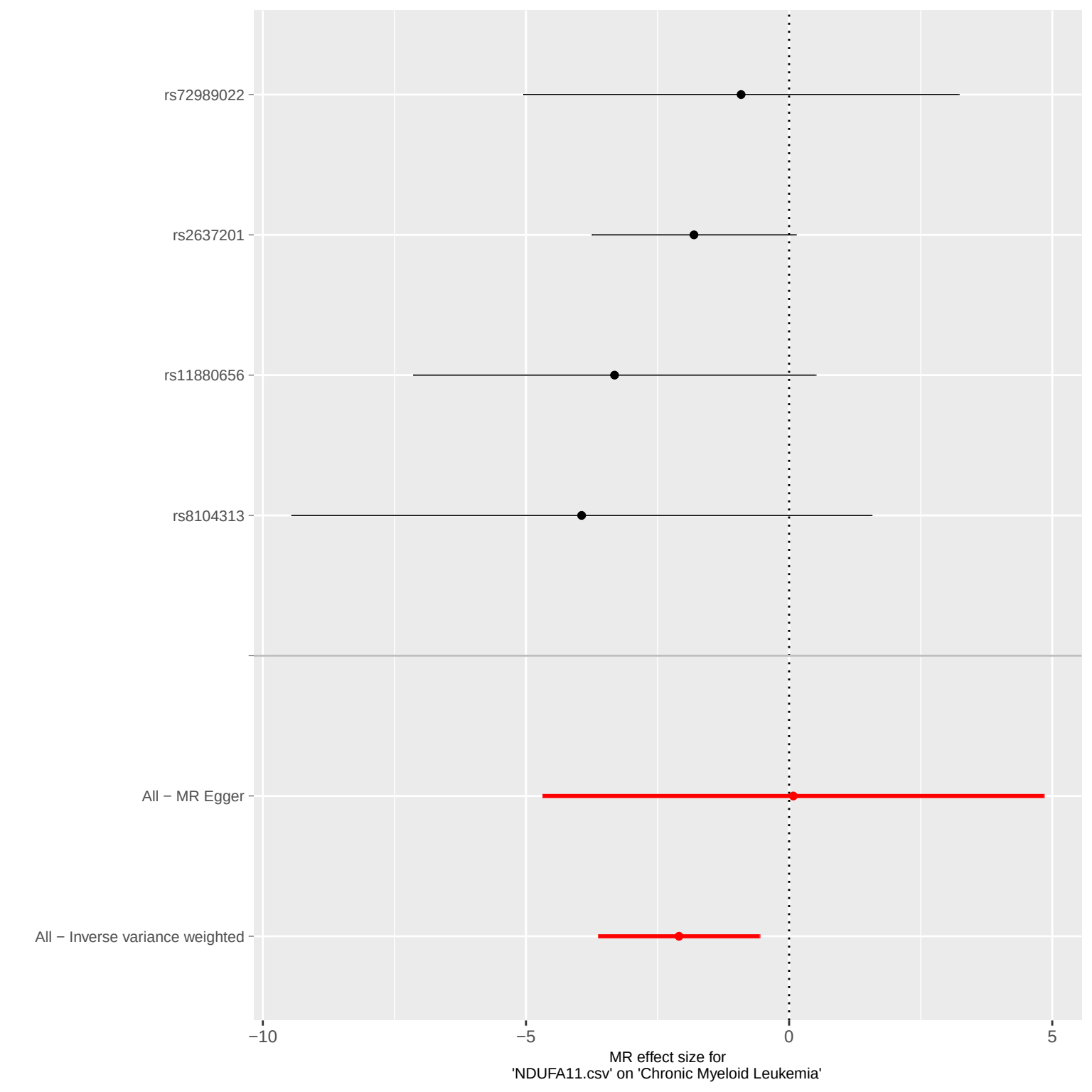
MR effect size for
'NDUFA3.csv' on 'Chronic Myeloid Leukemia'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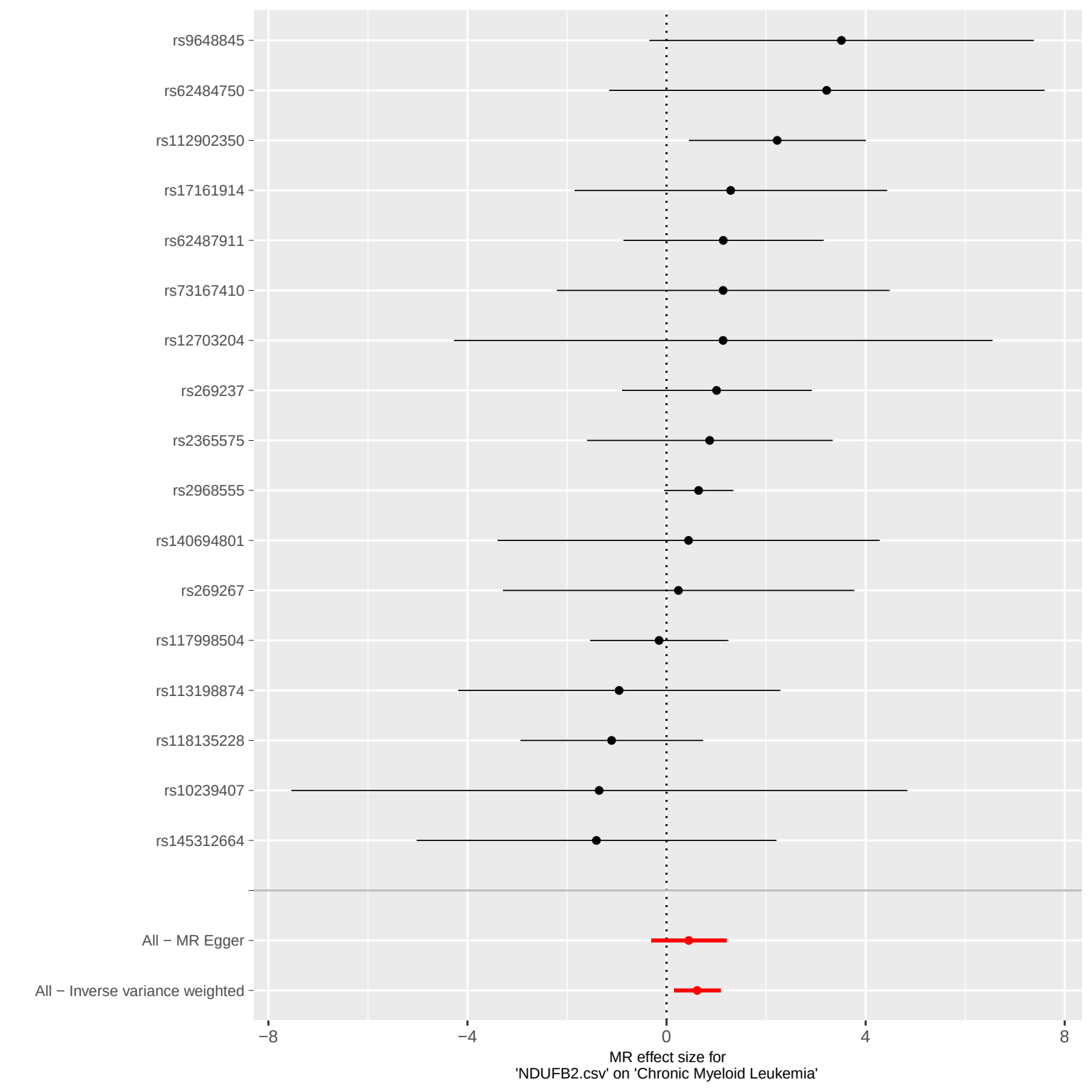
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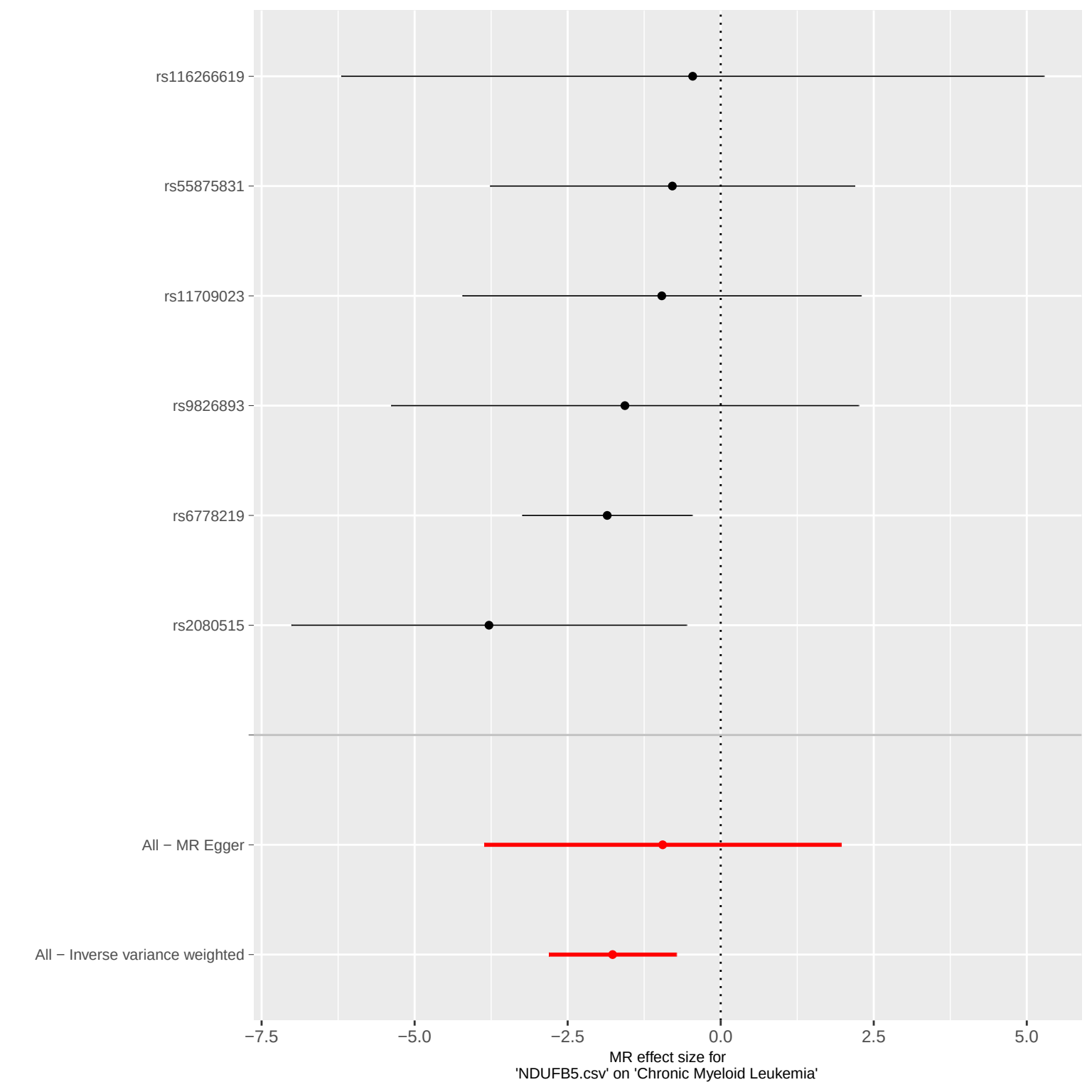
MR effect size for
'NDUFB2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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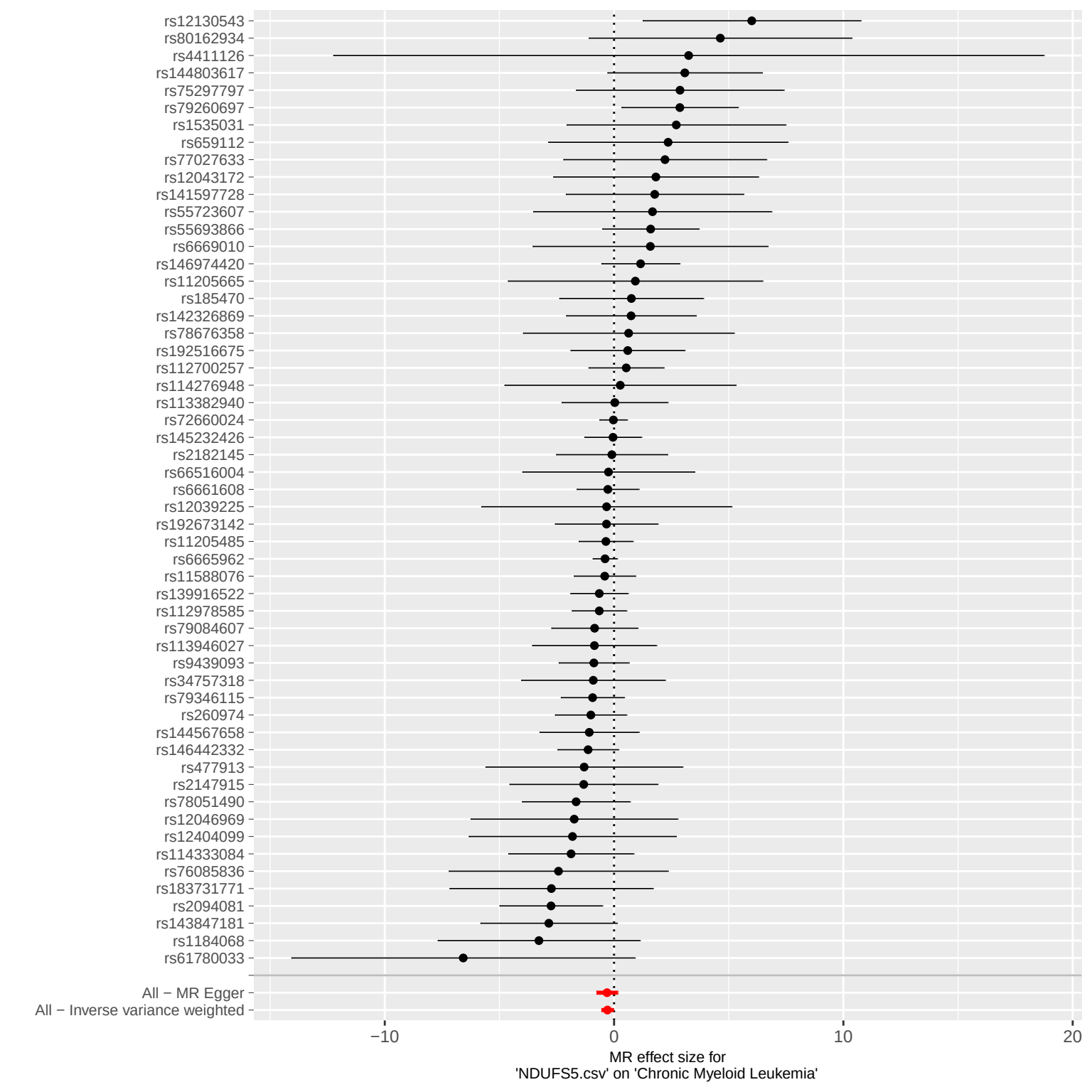
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MR effect size for
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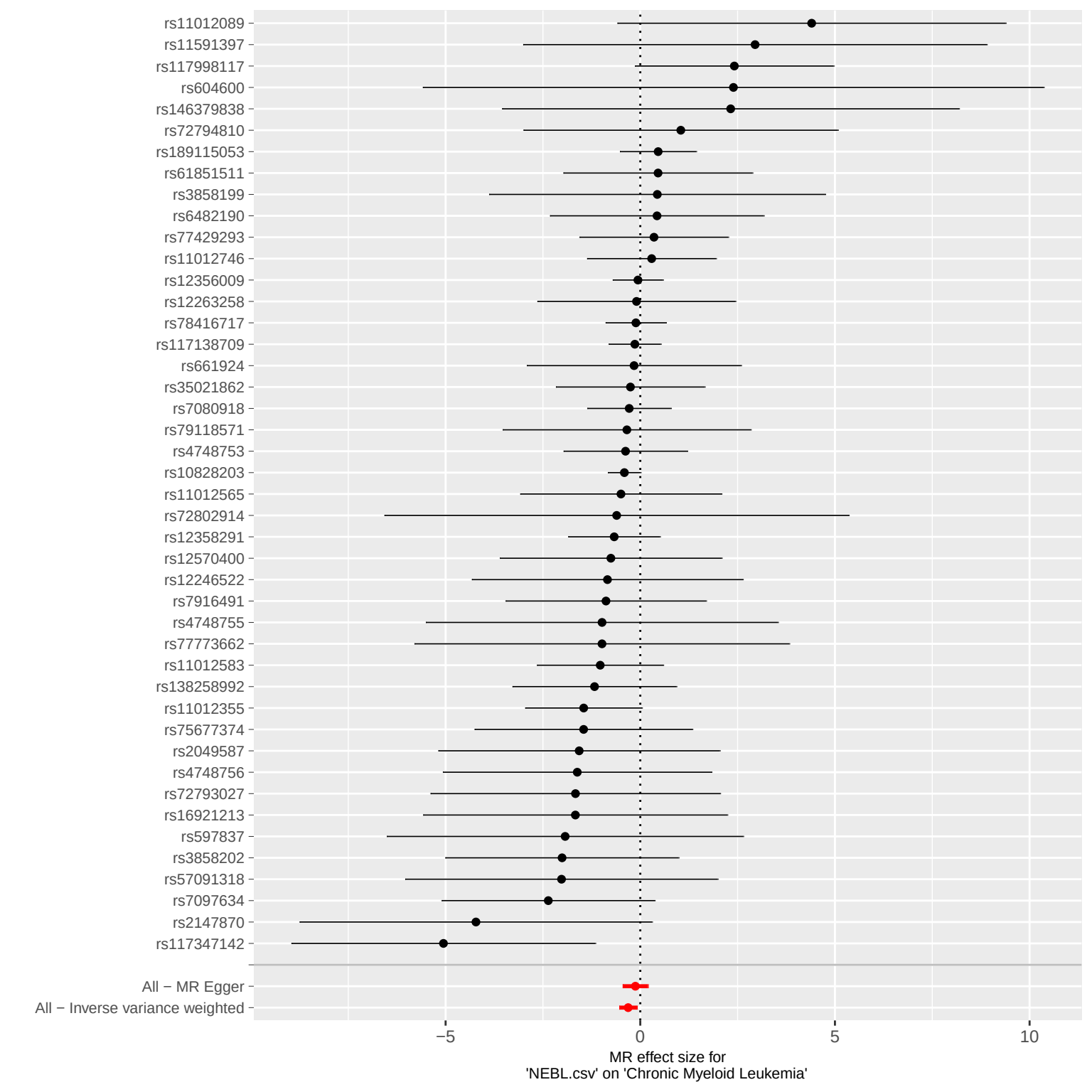
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All − Inverse variance weighted
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MR effect size for
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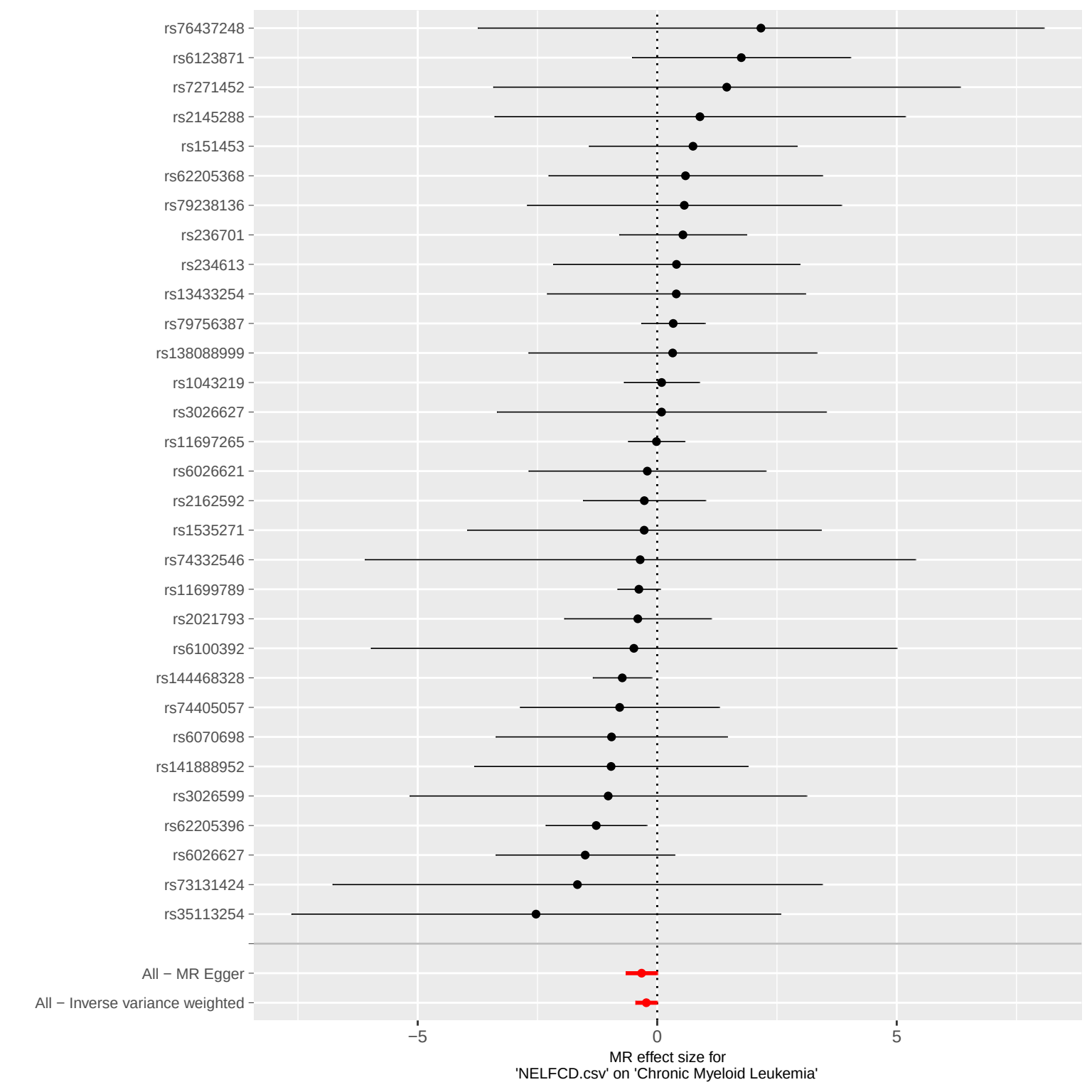
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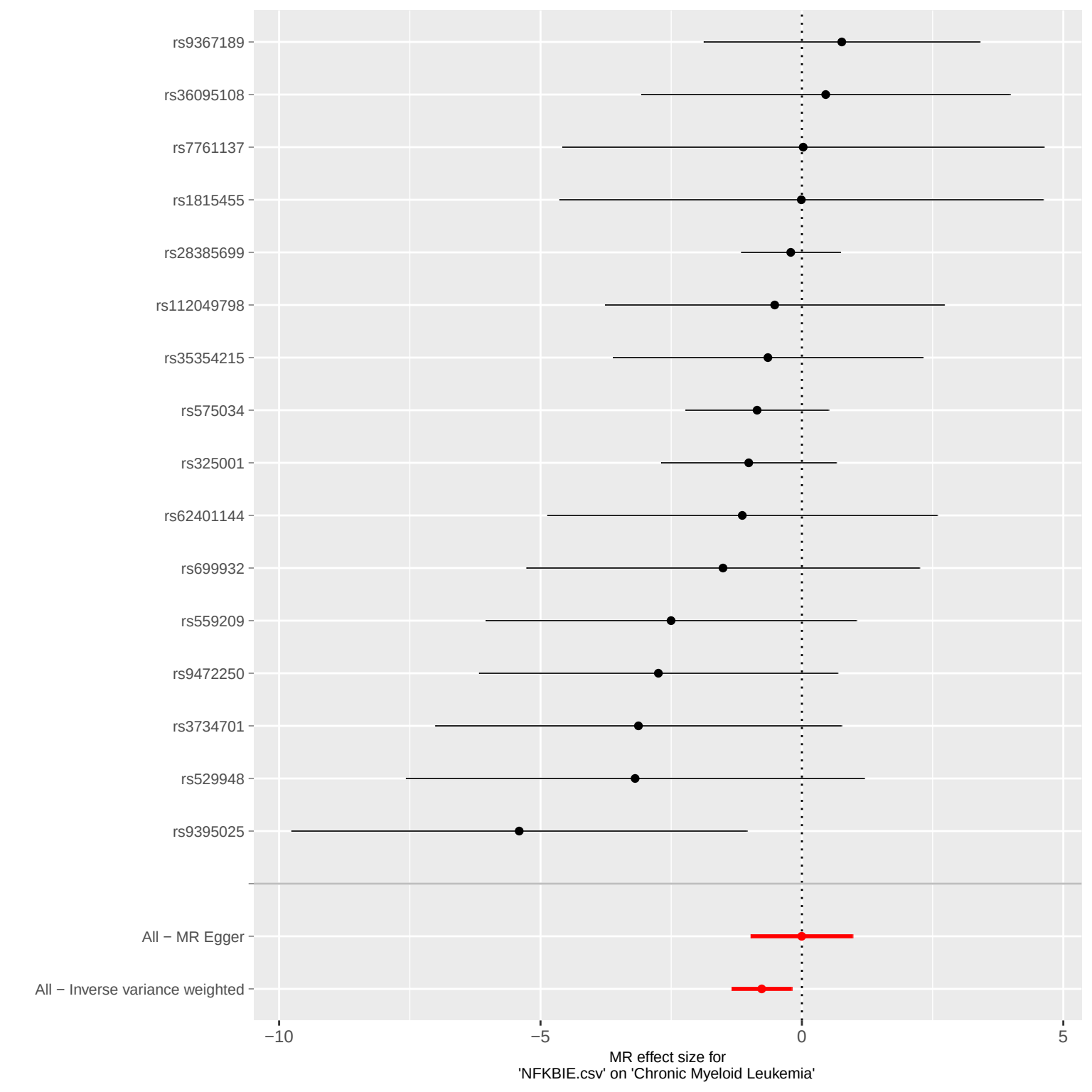
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MR effect size for
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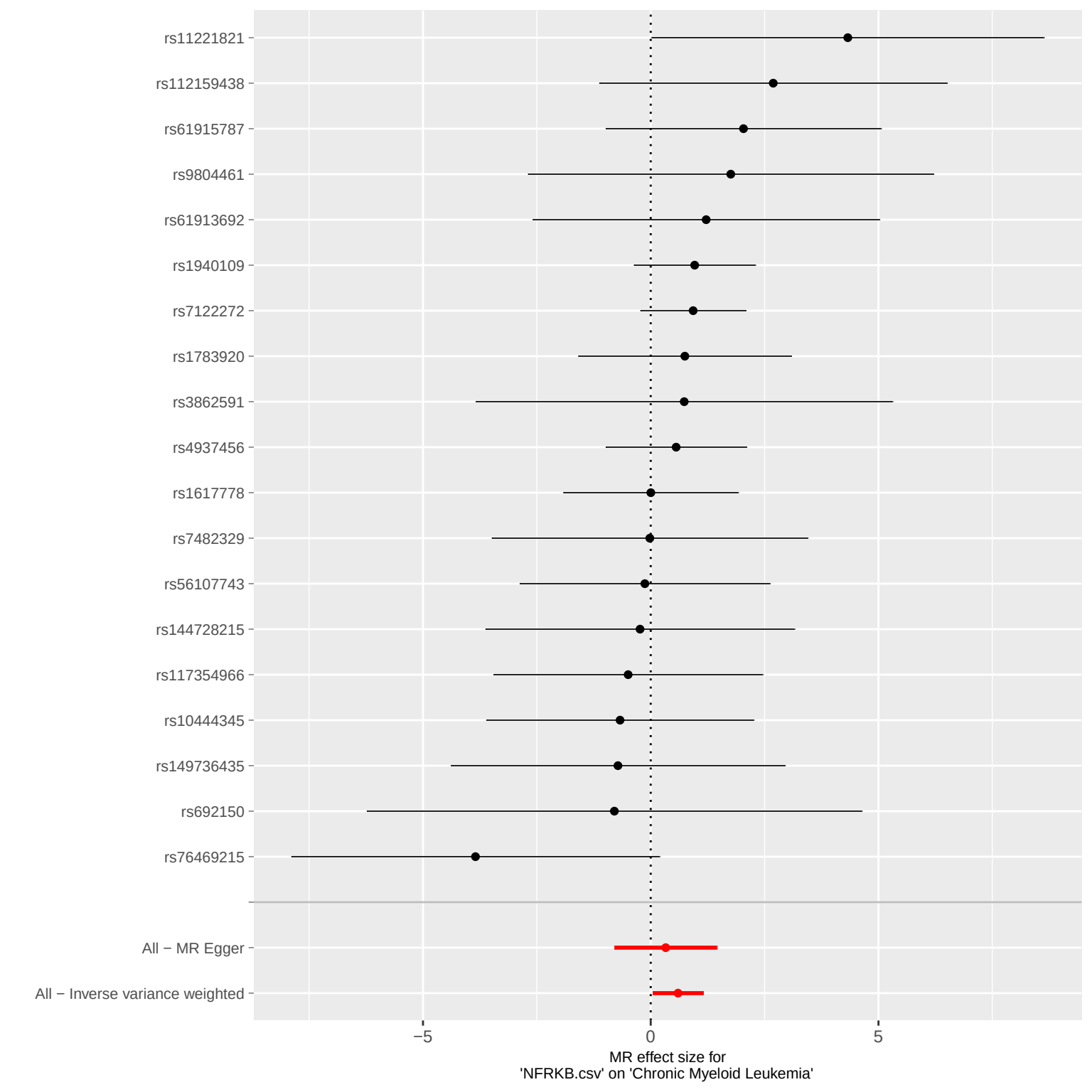
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All − Inverse variance weighted
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MR effect size for
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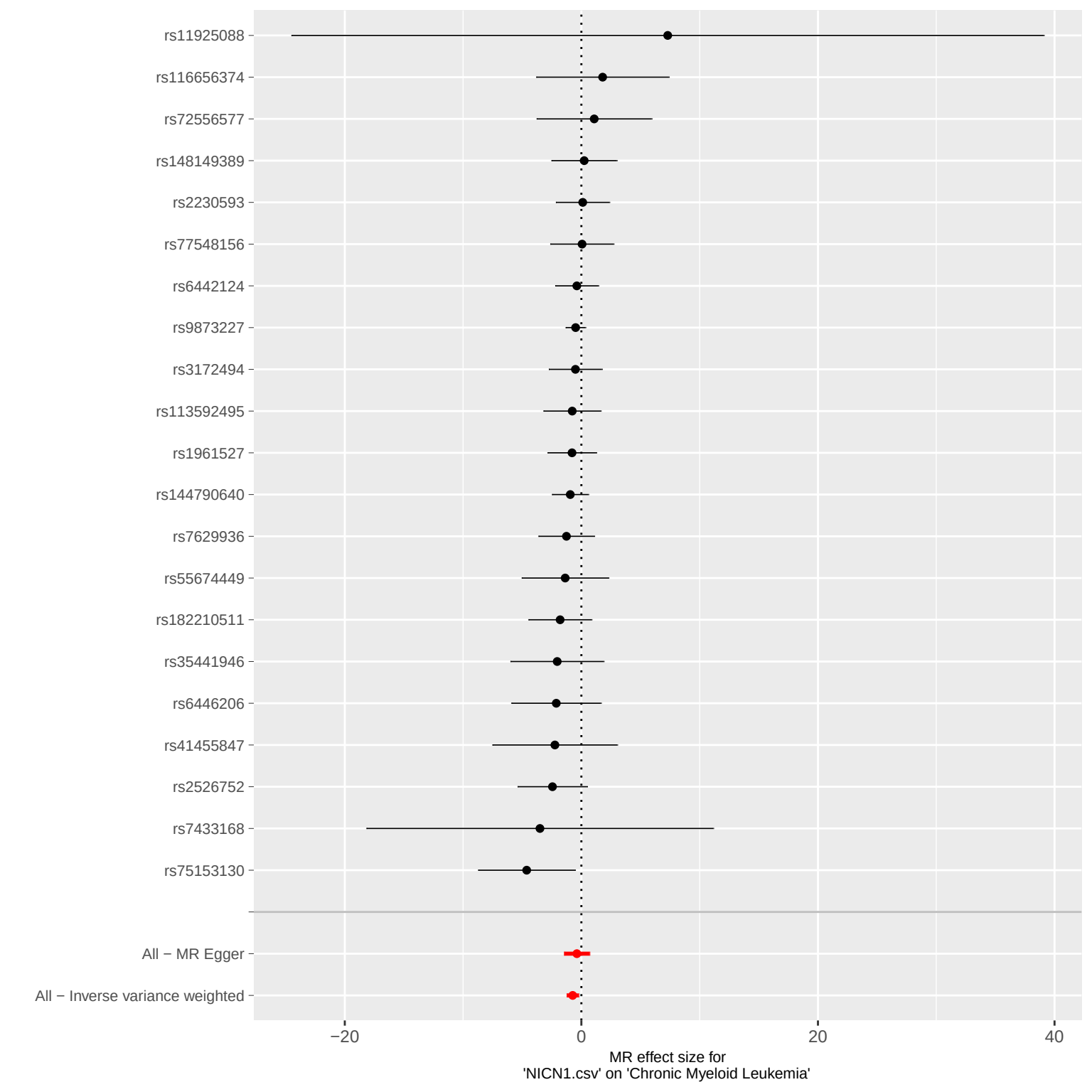
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rs7629936
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rs2526752
rs7433168
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All − Inverse variance weighted
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MR effect size for
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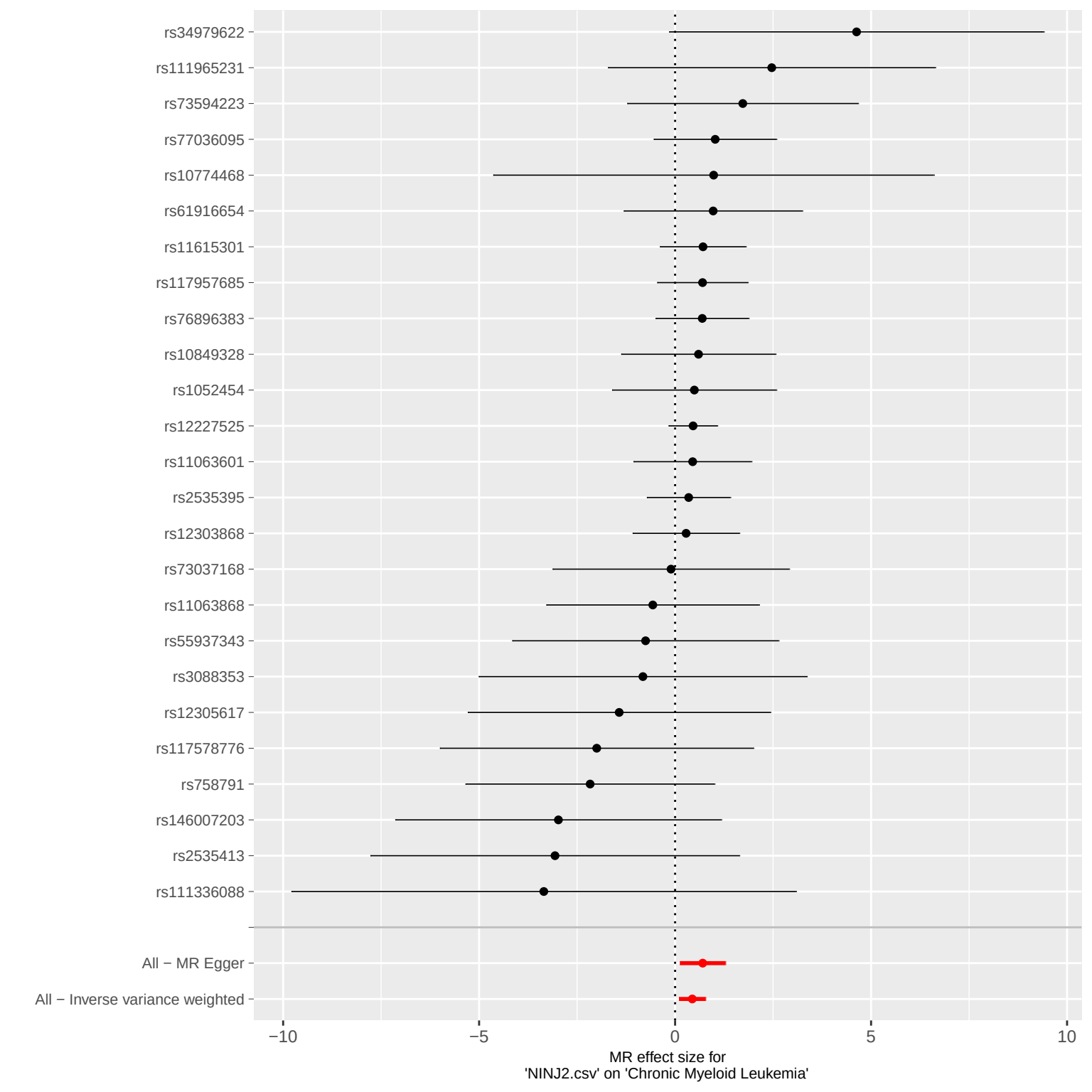
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All − MR Egger
All − Inverse variance weighted
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0
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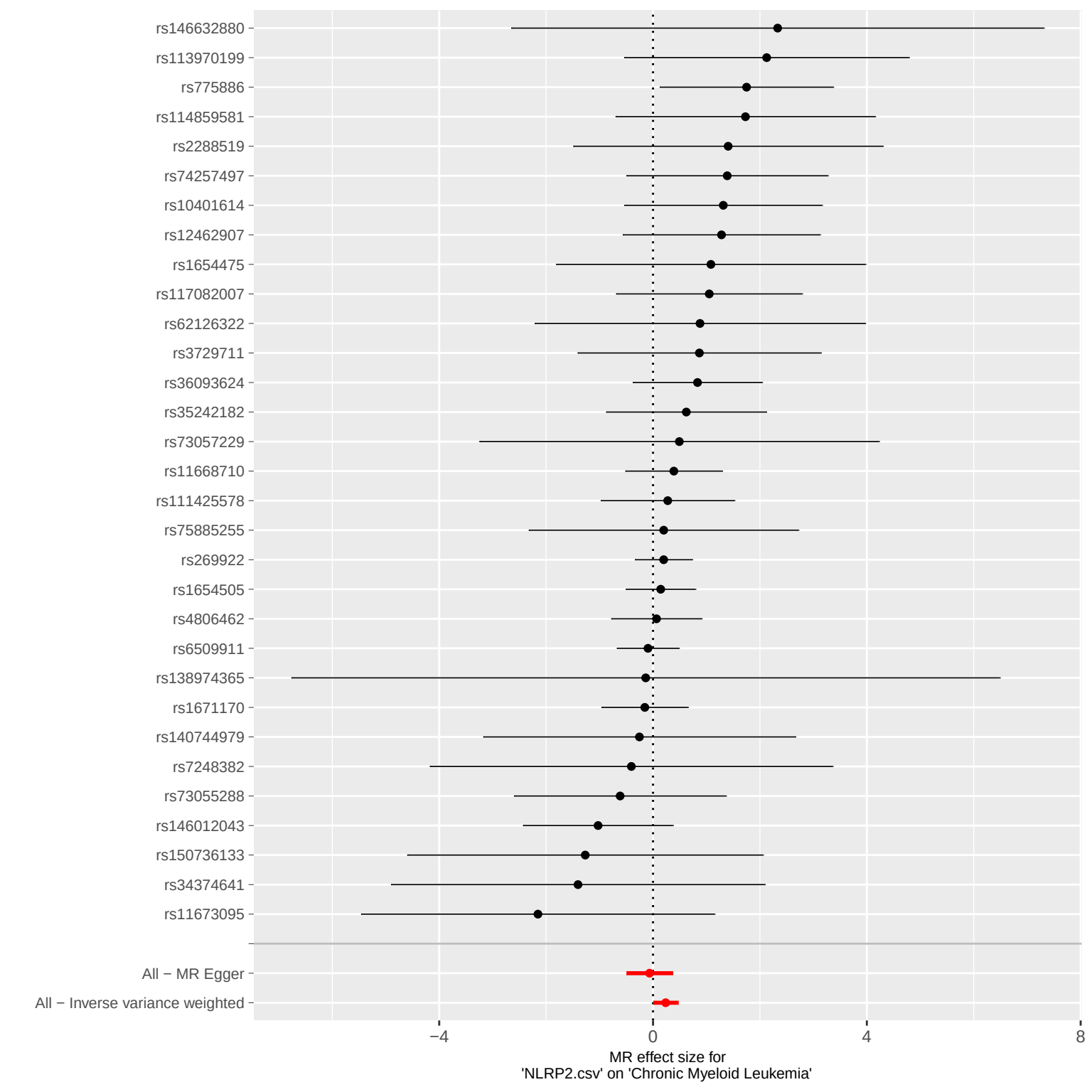
MR effect size for
'NINJ2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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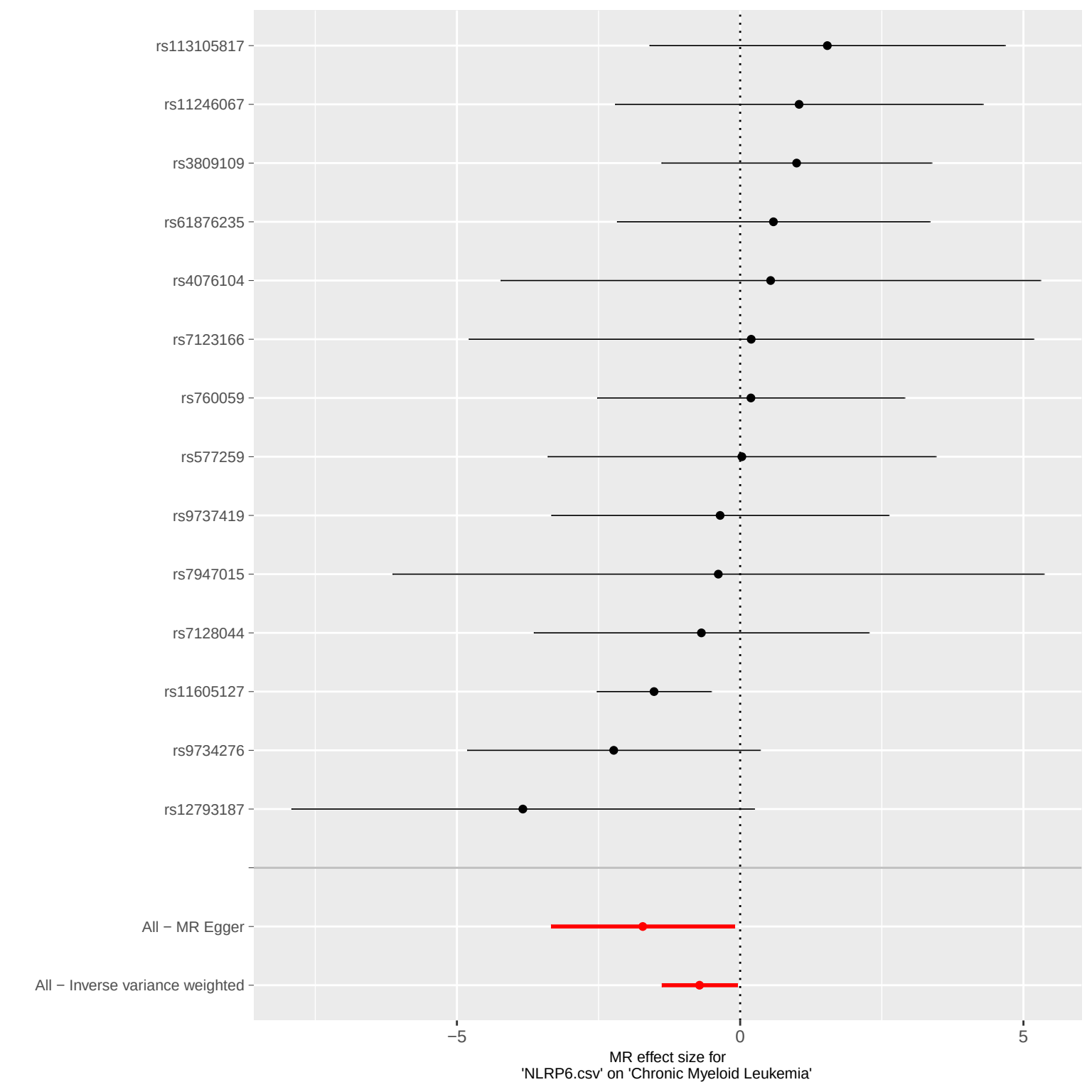
MR effect size for
'NLRP2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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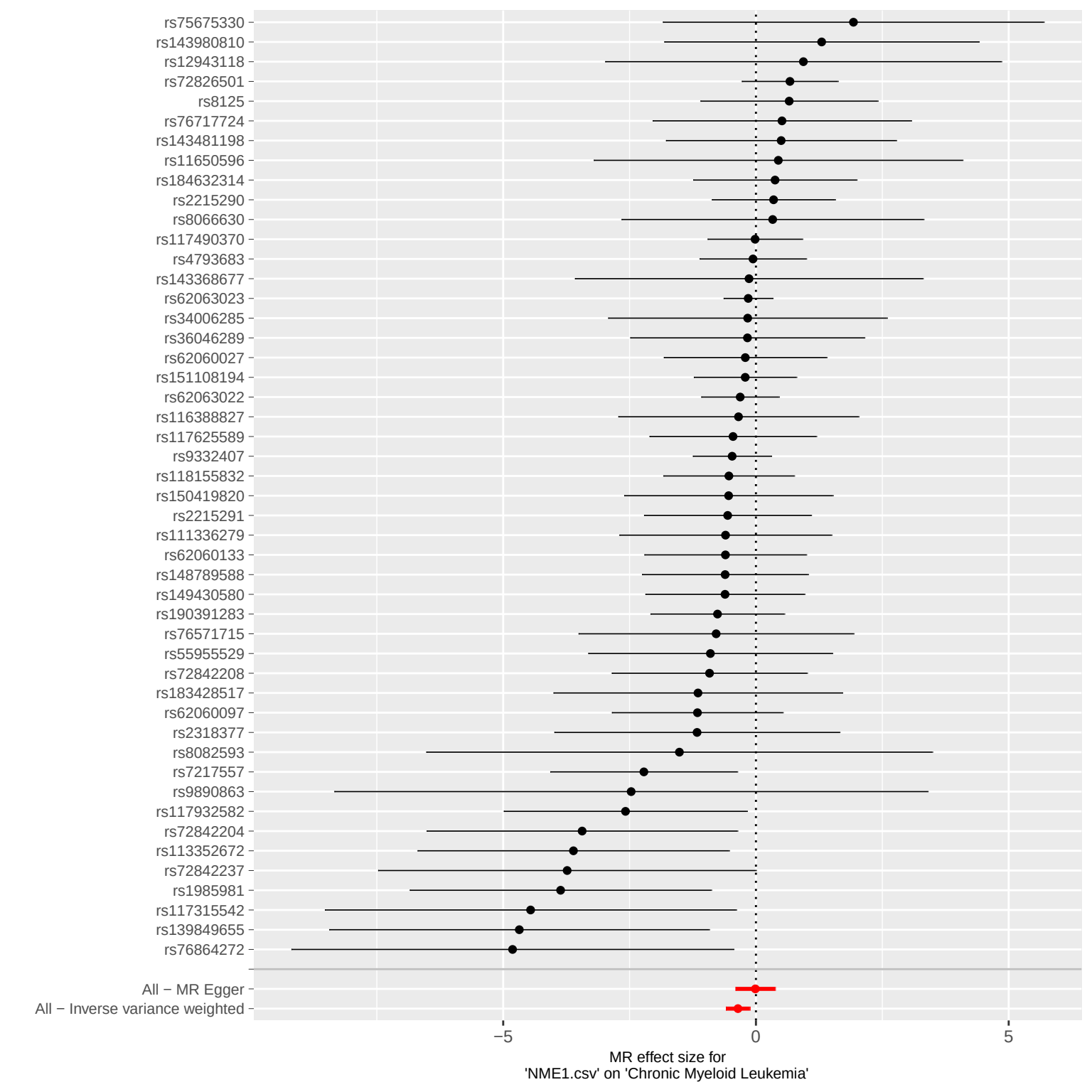
MR effect size for
'NLRP6.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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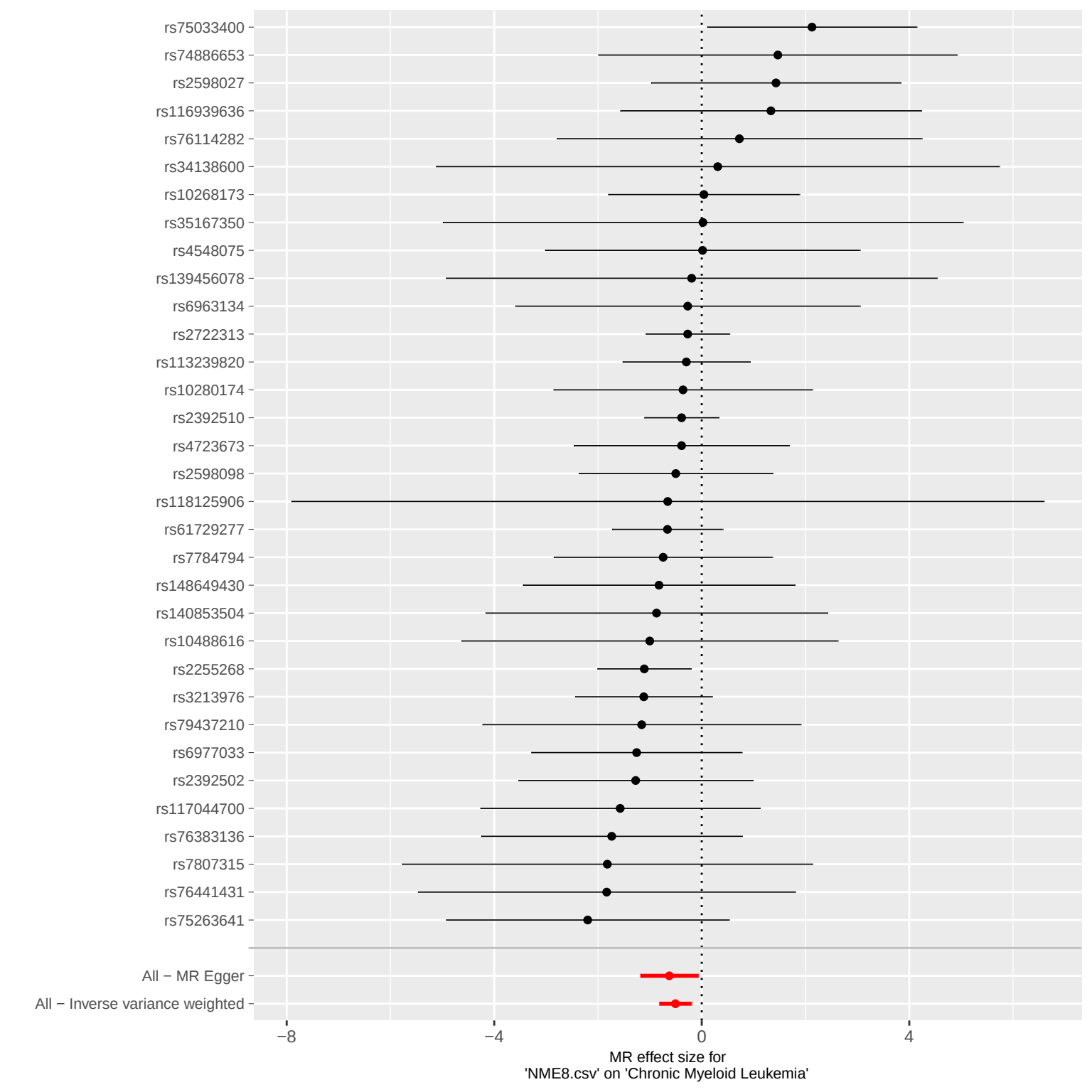
5
MR effect size for
'NME1.csv' on 'Chronic Myeloid Leukemia'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rs6963134
rs2722313
rs113239820
rs10280174
rs2392510
rs4723673
rs2598098
rs118125906
rs61729277
rs7784794
rs148649430
rs140853504
rs10488616
rs2255268
rs3213976
rs79437210
rs6977033
rs2392502
rs117044700
rs76383136
rs7807315
rs76441431
rs75263641
All − MR Egger
All − Inverse variance weighted
−8
−4
0
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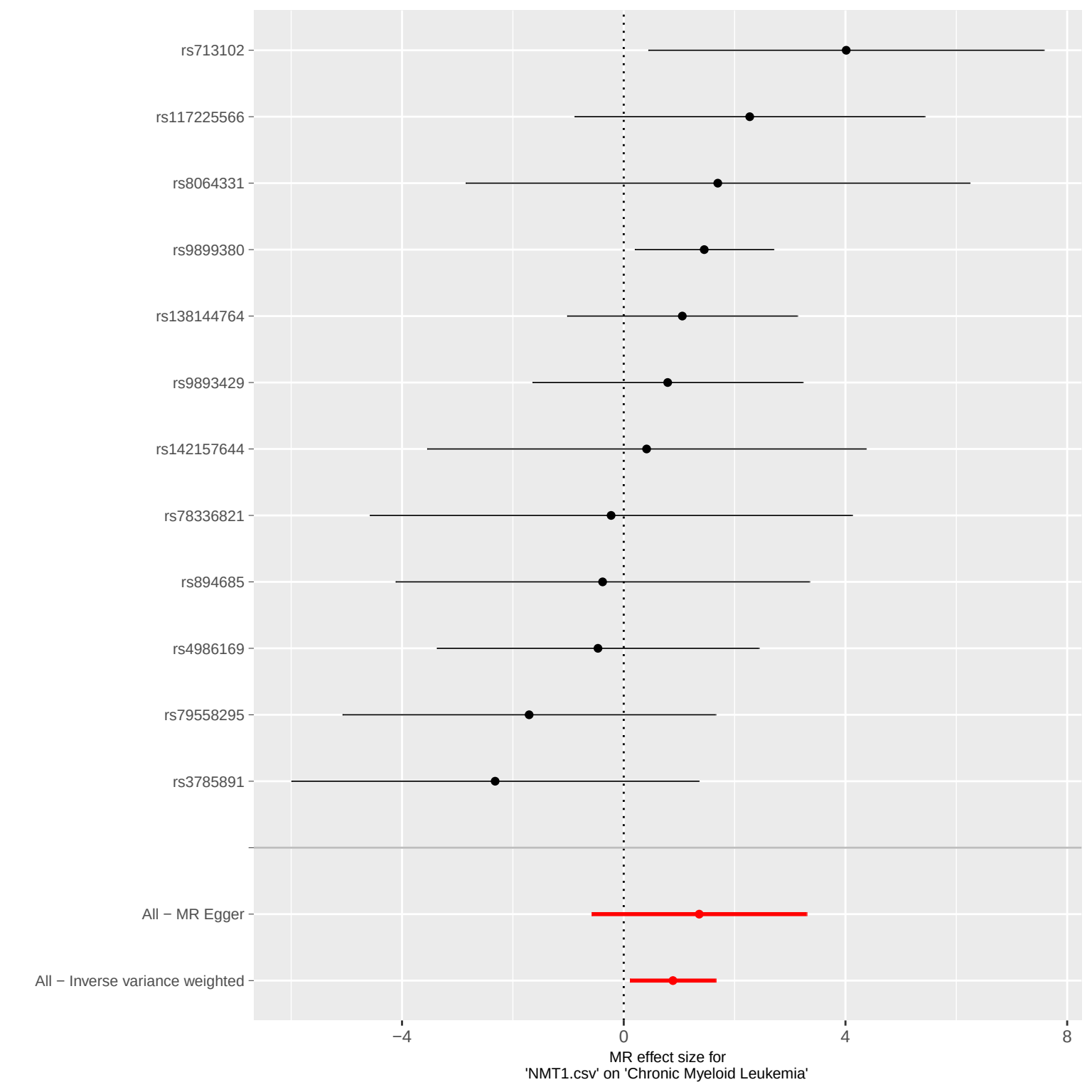
MR effect size for
'NME8.csv' on 'Chronic Myeloid Leukemia'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rs8064331
rs9899380
rs138144764
rs9893429
rs142157644
rs78336821
rs894685
rs4986169
rs79558295
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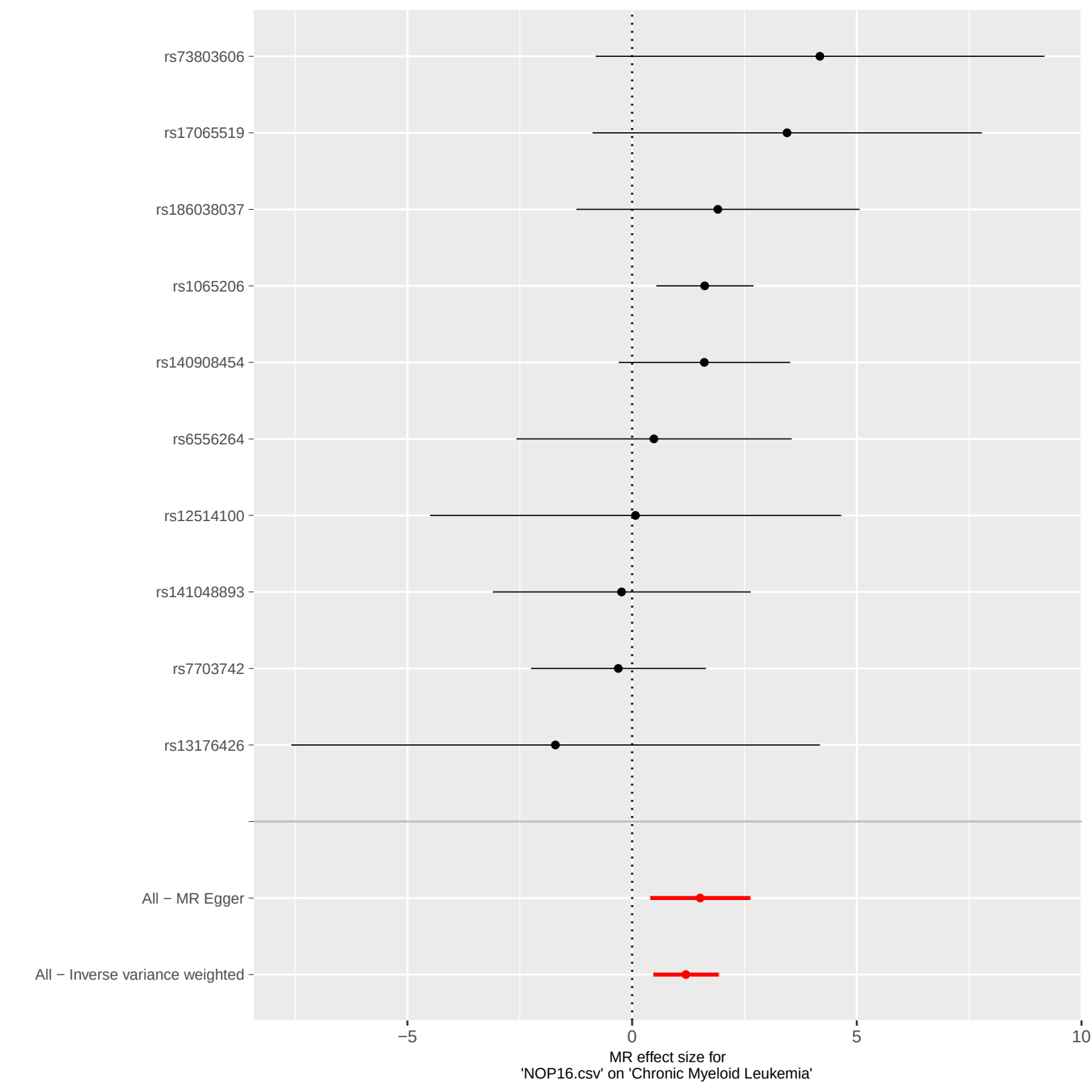
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'NMT1.csv' on 'Chronic Myeloid Leukemia'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rs12514100
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rs7703742
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All − MR Egger
All − Inverse variance weighted
−5
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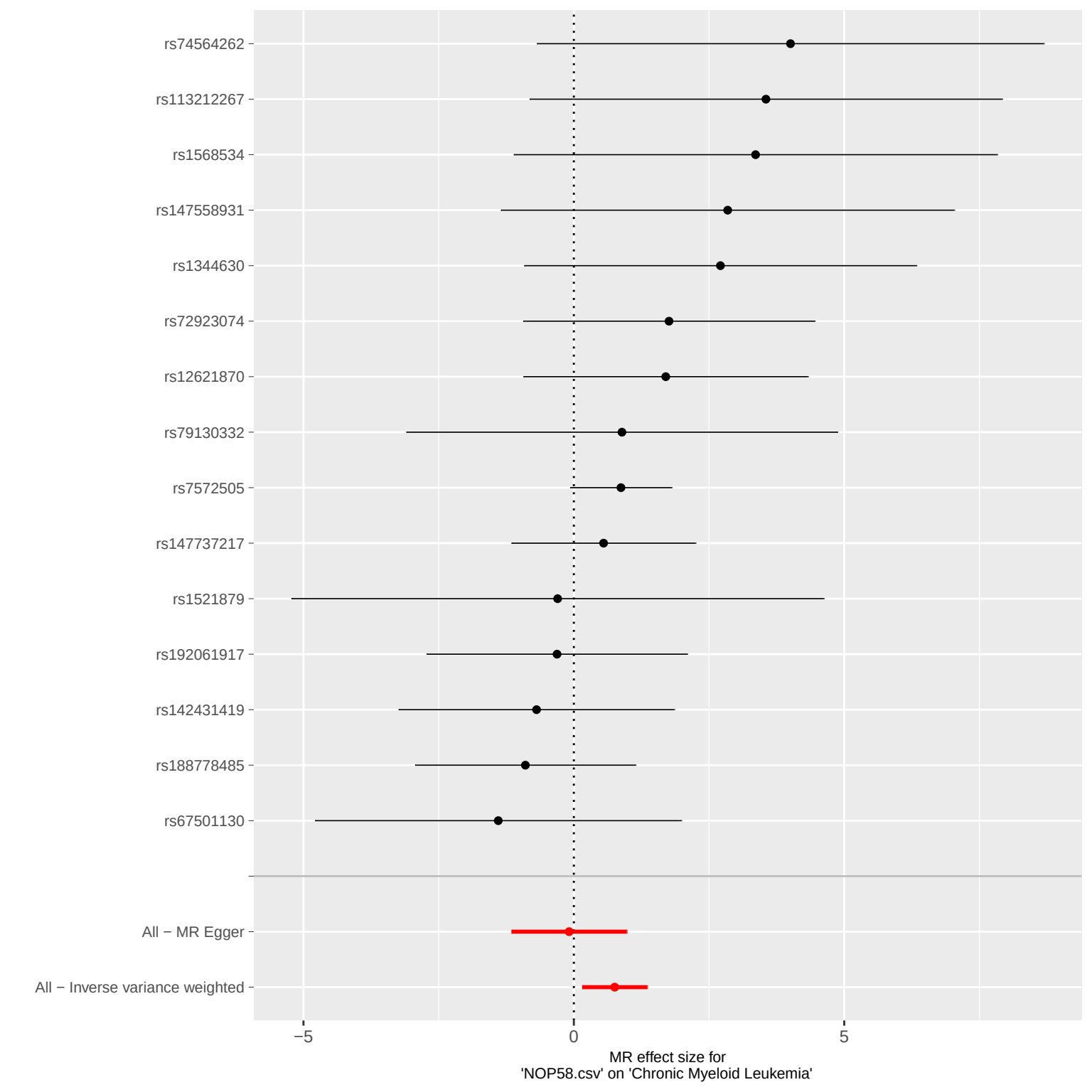
MR effect size for
'NOP16.csv' on 'Chronic Myeloid Leukemia'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rs147737217
rs1521879
rs192061917
rs142431419
rs188778485
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All − MR Egger
All − Inverse variance weighted
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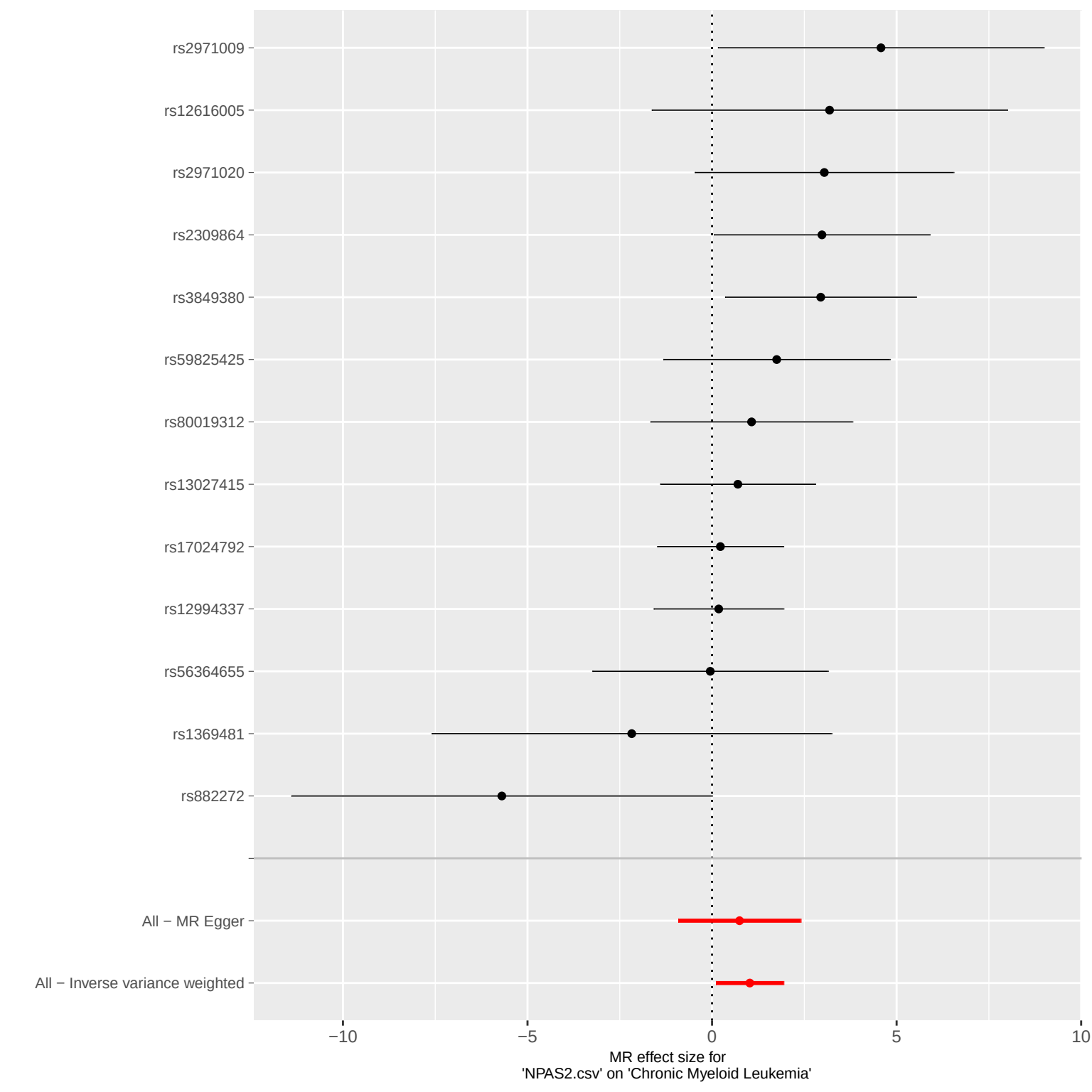
MR effect size for
'NOP58.csv' on 'Chronic Myeloid Leukemia'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rs56364655
rs1369481
rs882272
All − MR Egger
All − Inverse variance weighted
−10
−5
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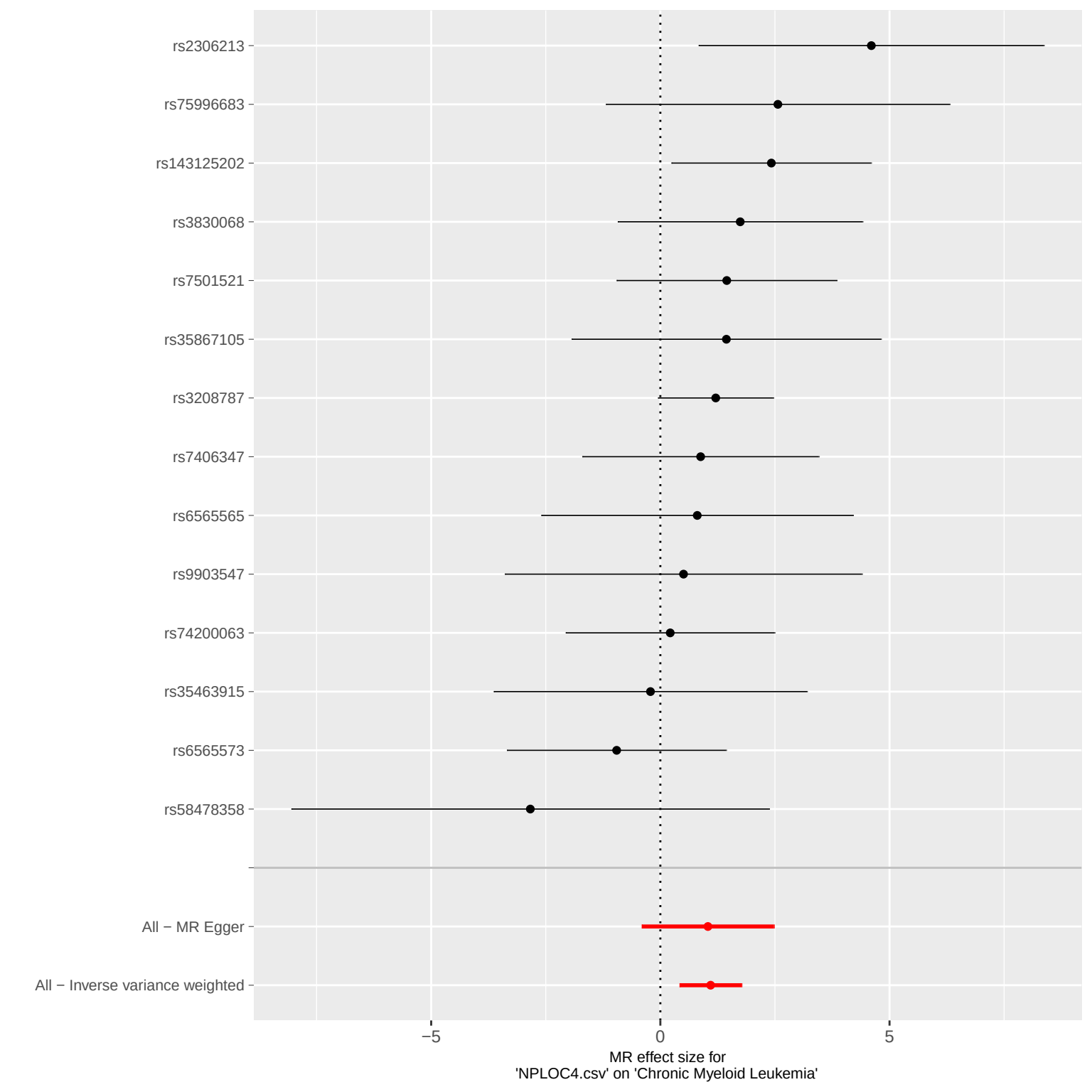
MR effect size for
'NPAS2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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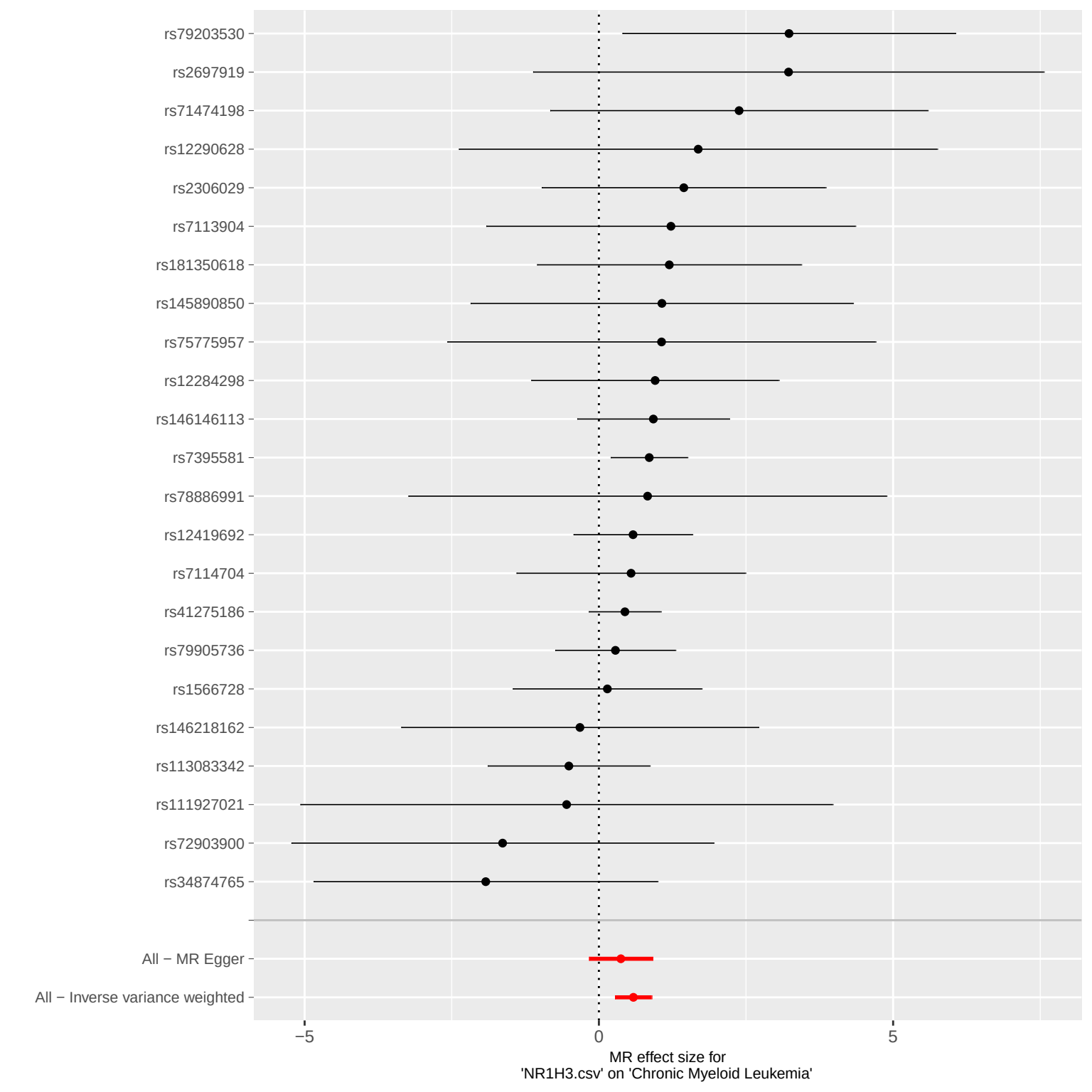
MR effect size for
'NPLOC4.csv' on 'Chronic Myeloid Leukemia'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rs12419692
rs7114704
rs41275186
rs79905736
rs1566728
rs146218162
rs113083342
rs111927021
rs72903900
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All − MR Egger
All − Inverse variance weighted
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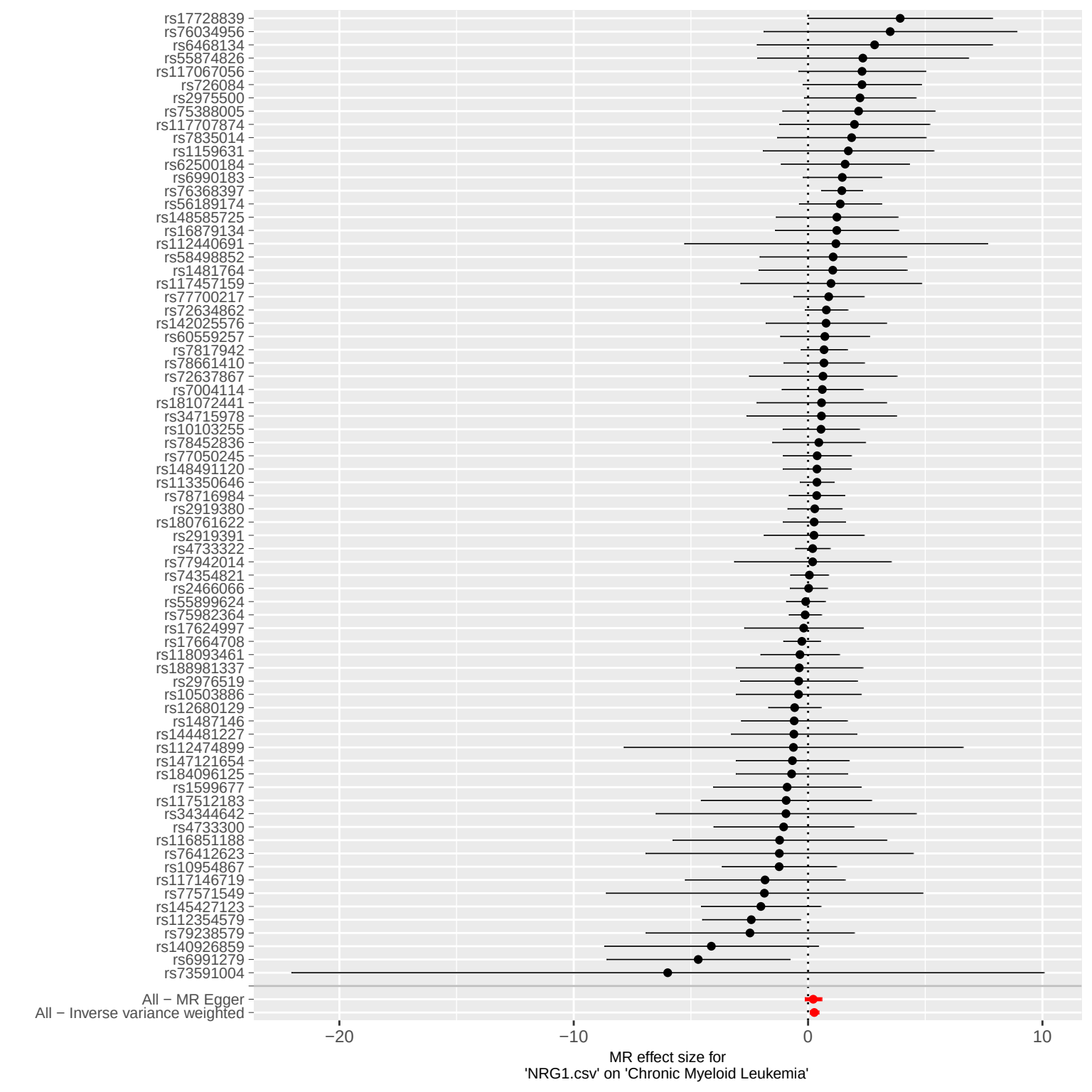
MR effect size for
'NR1H3.csv' on 'Chronic Myeloid Leukemia'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rs76412623
rs10954867
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rs77571549
rs145427123
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rs79238579
rs140926859
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All − MR Egger
All − Inverse variance weighted
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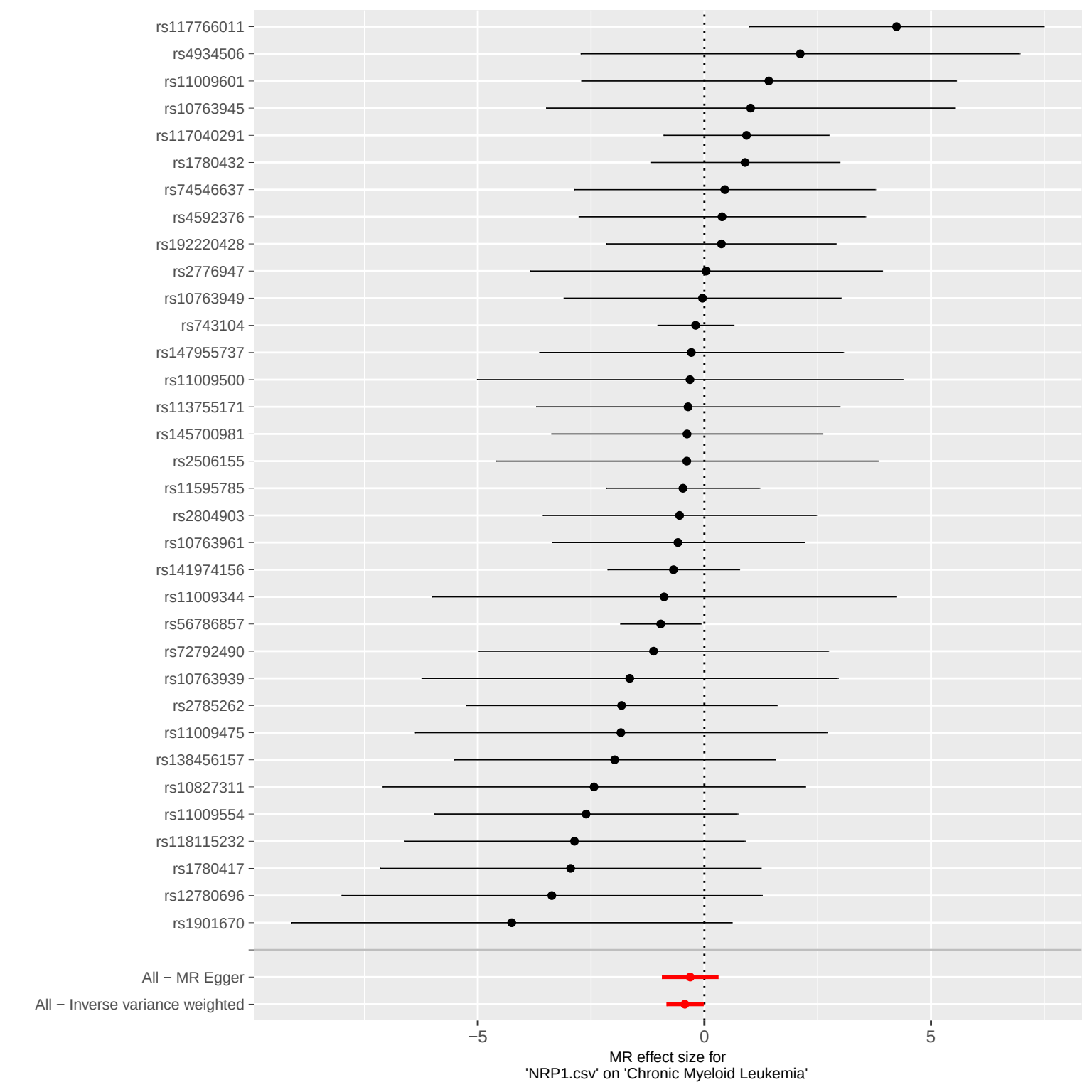
MR effect size for
'NRG1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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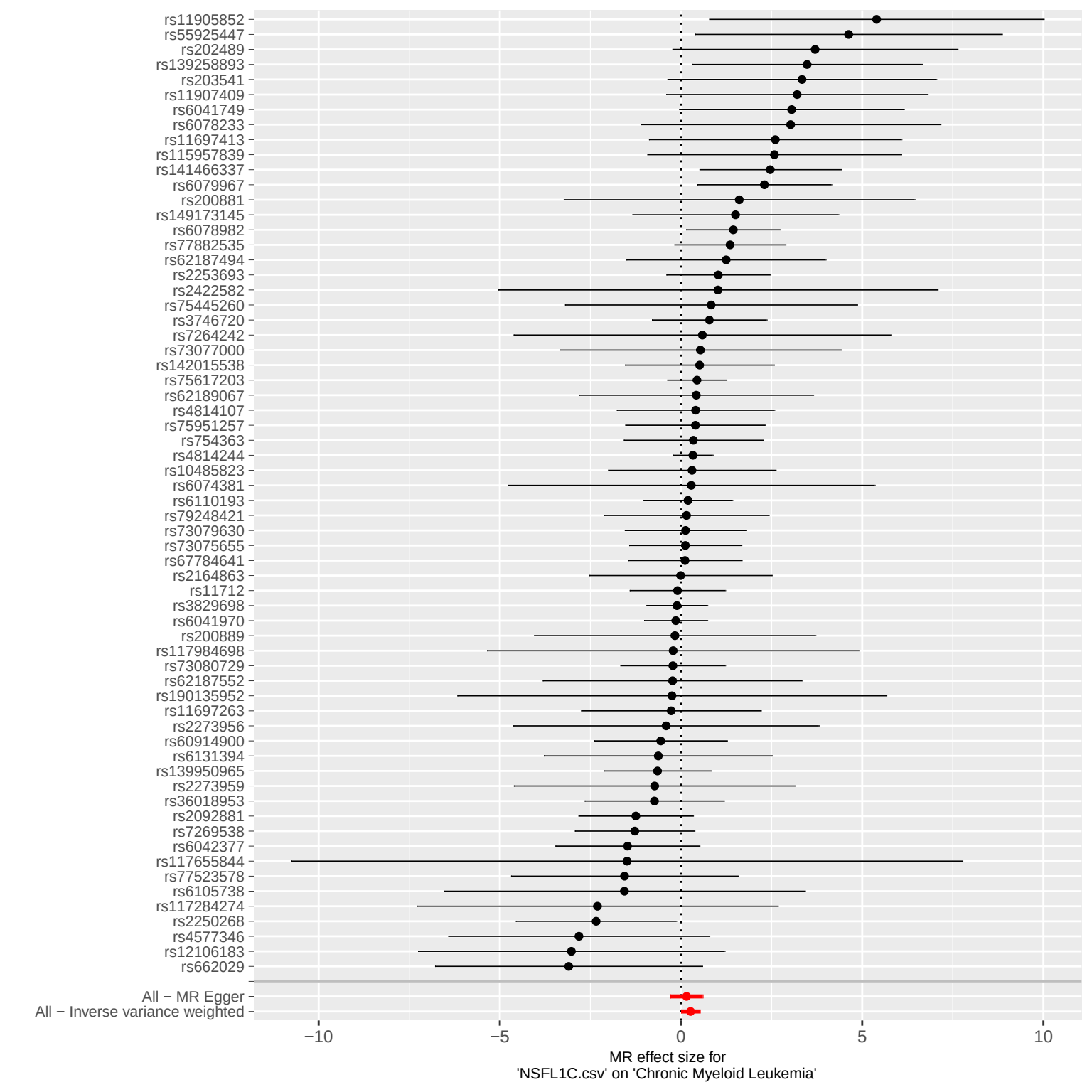
MR effect size for
'NRP1.csv' on 'Chronic Myeloid Leukemia'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−10
−5
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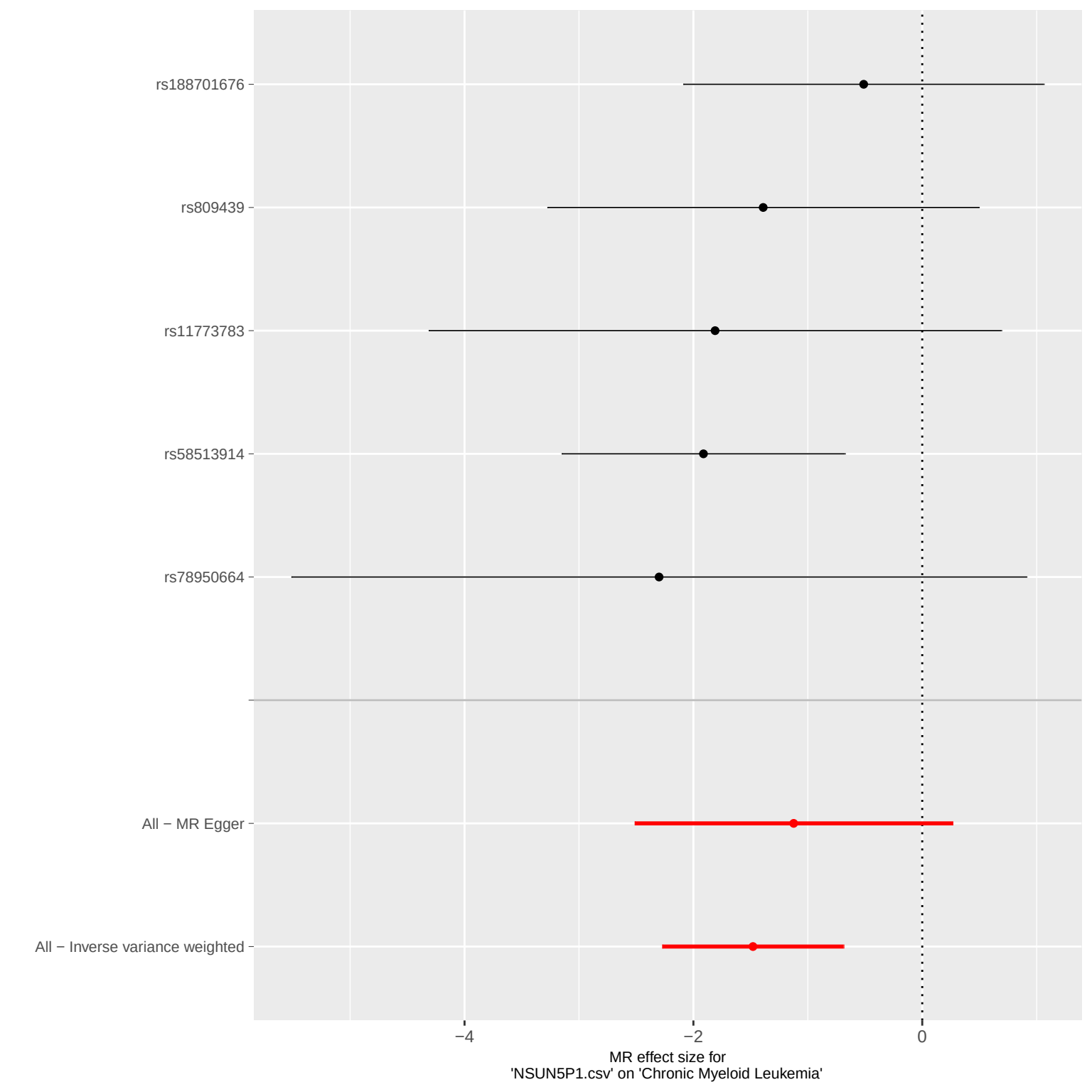
MR effect size for
'NSFL1C.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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−2
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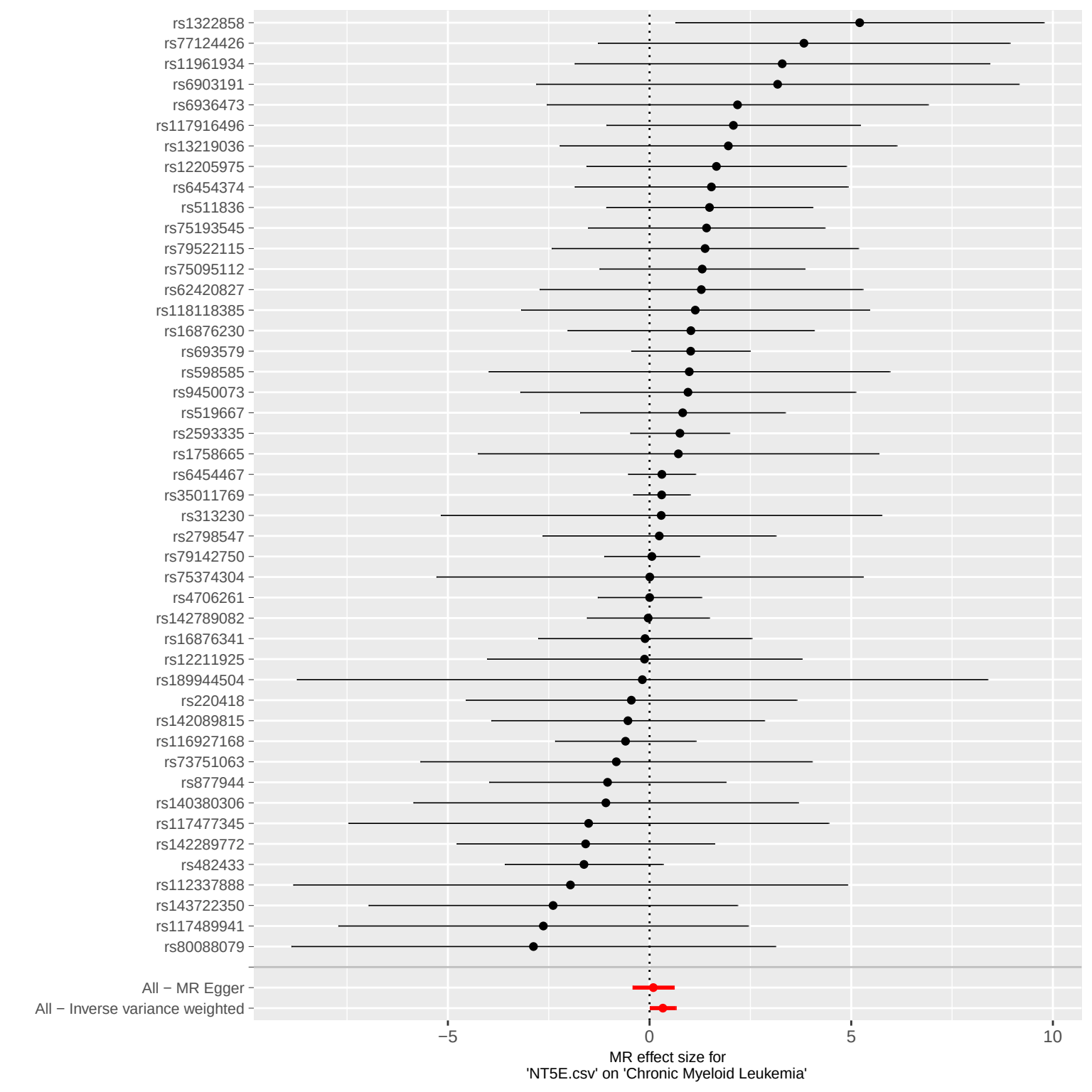
'NSUN5P1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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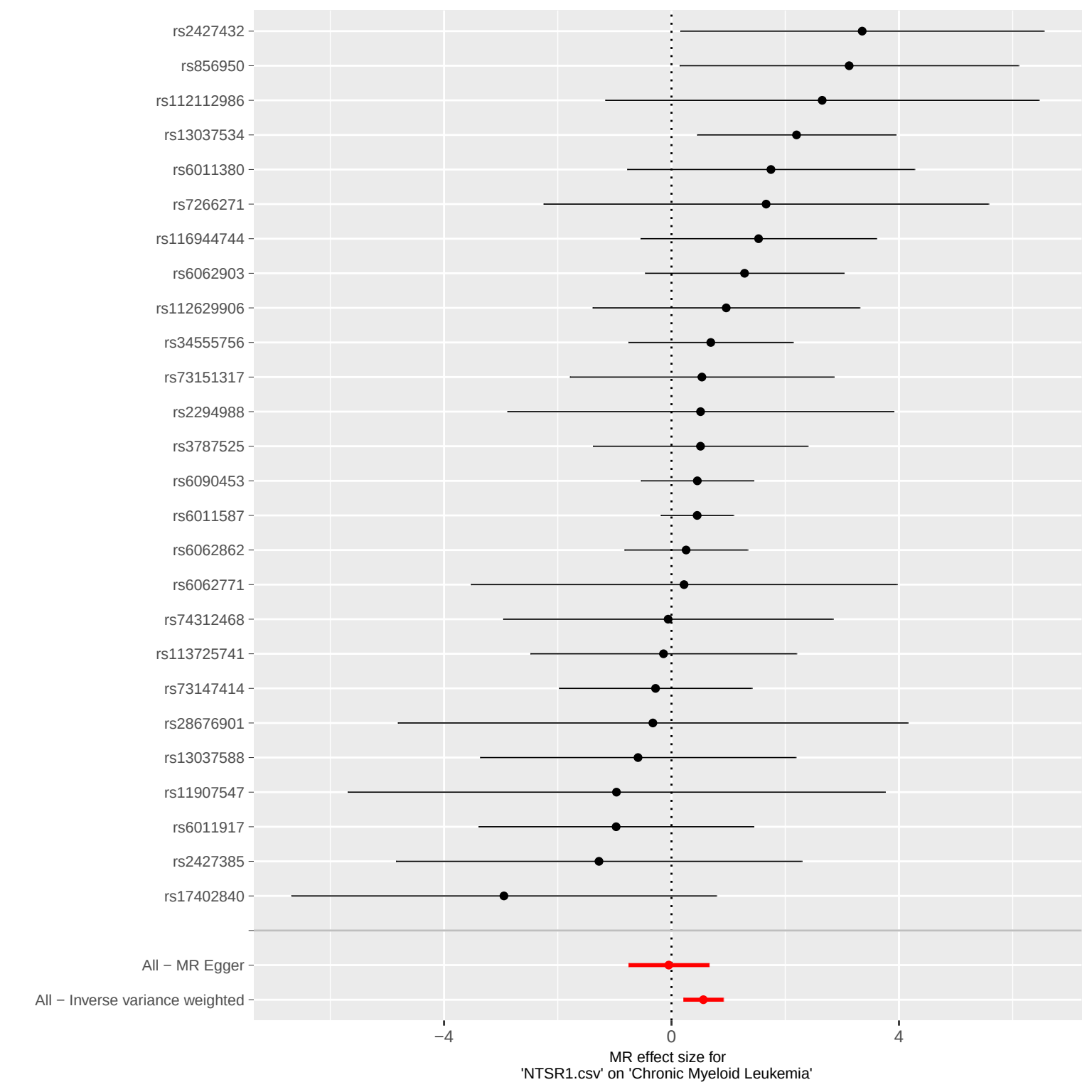
MR effect size for
'NT5E.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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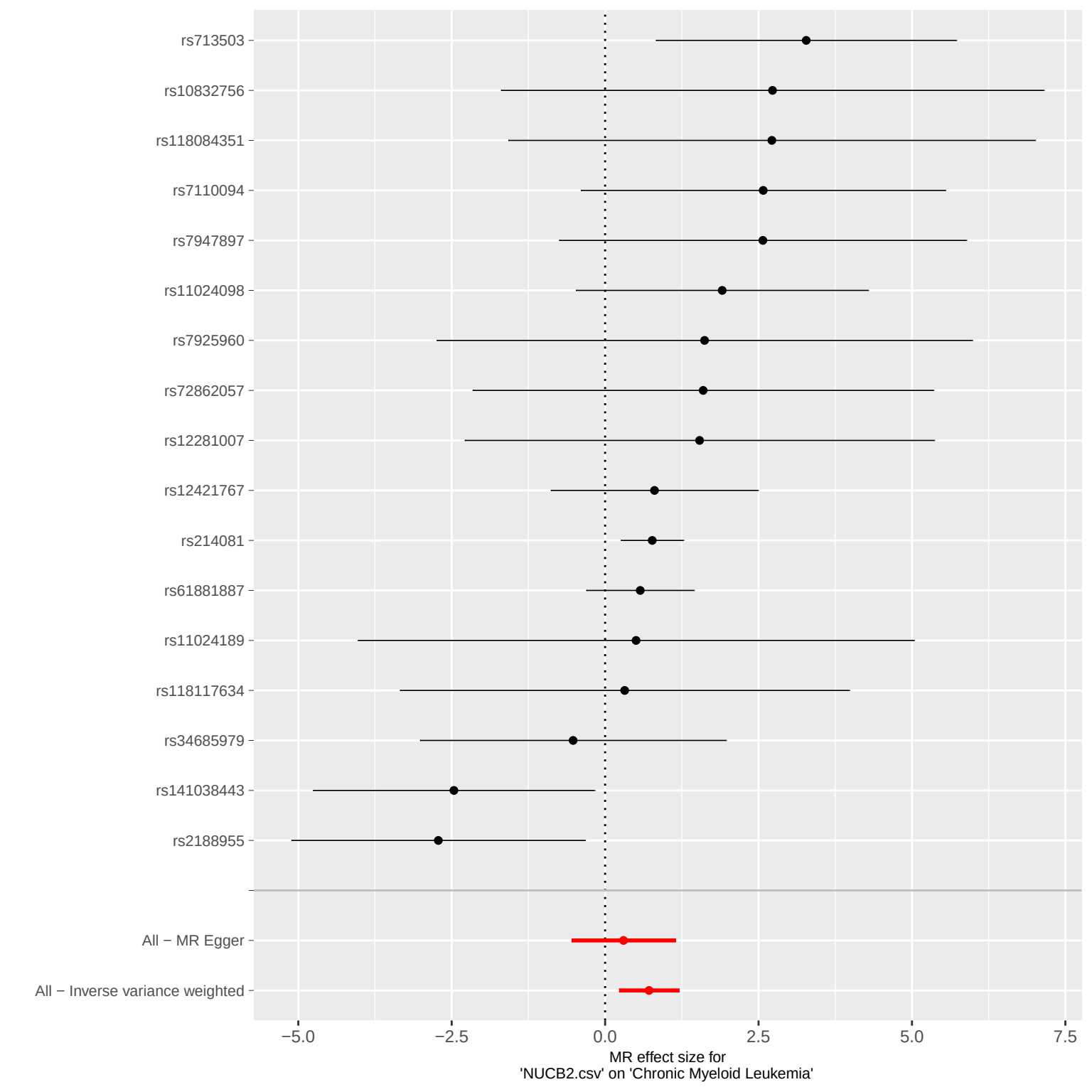
MR effect size for
'NTSR1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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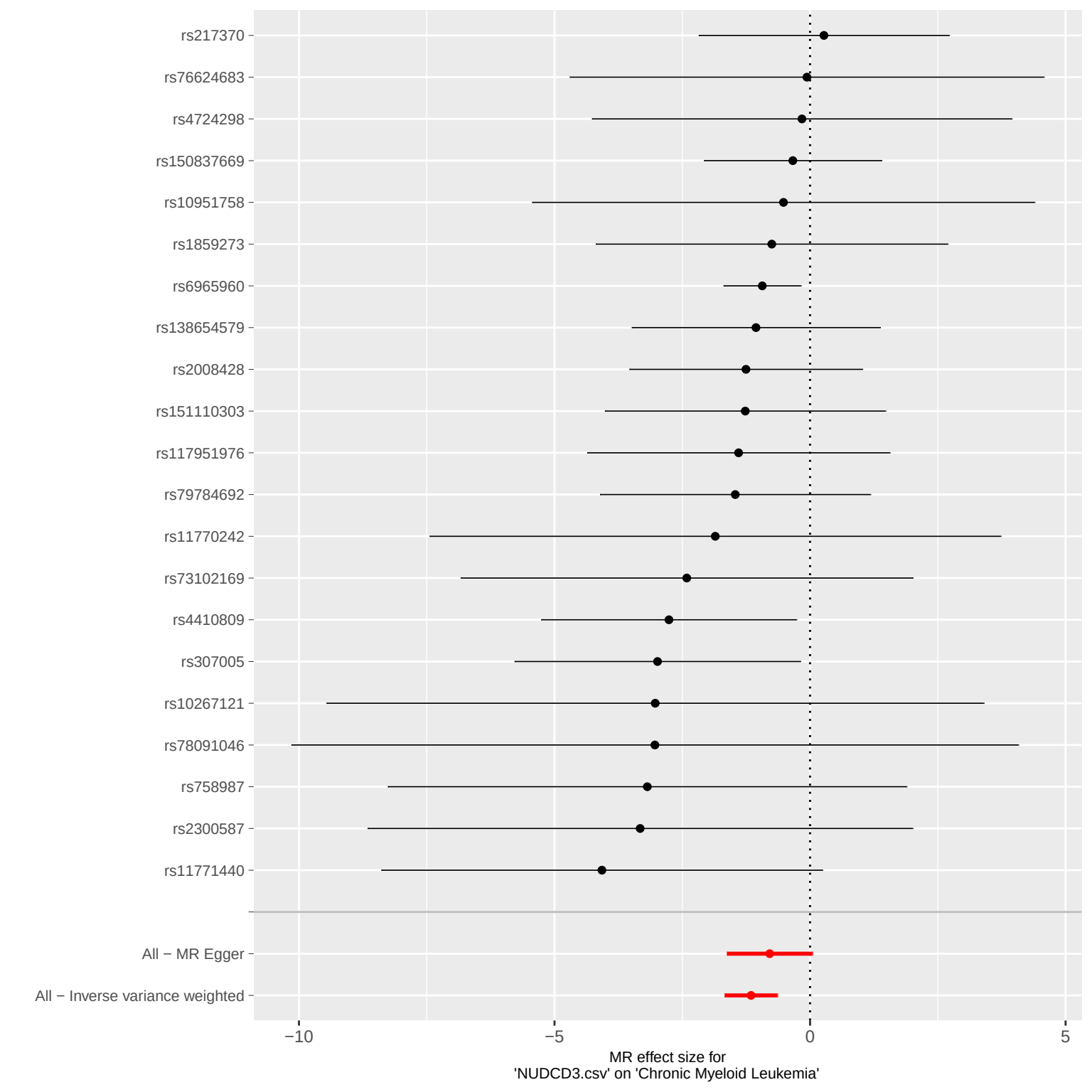
5.0
7.5
MR effect size for
'NUCB2.csv' on 'Chronic Myeloid Leukemia'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rs307005
rs10267121
rs78091046
rs758987
rs2300587
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All − MR Egger
All − Inverse variance weighted
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−5
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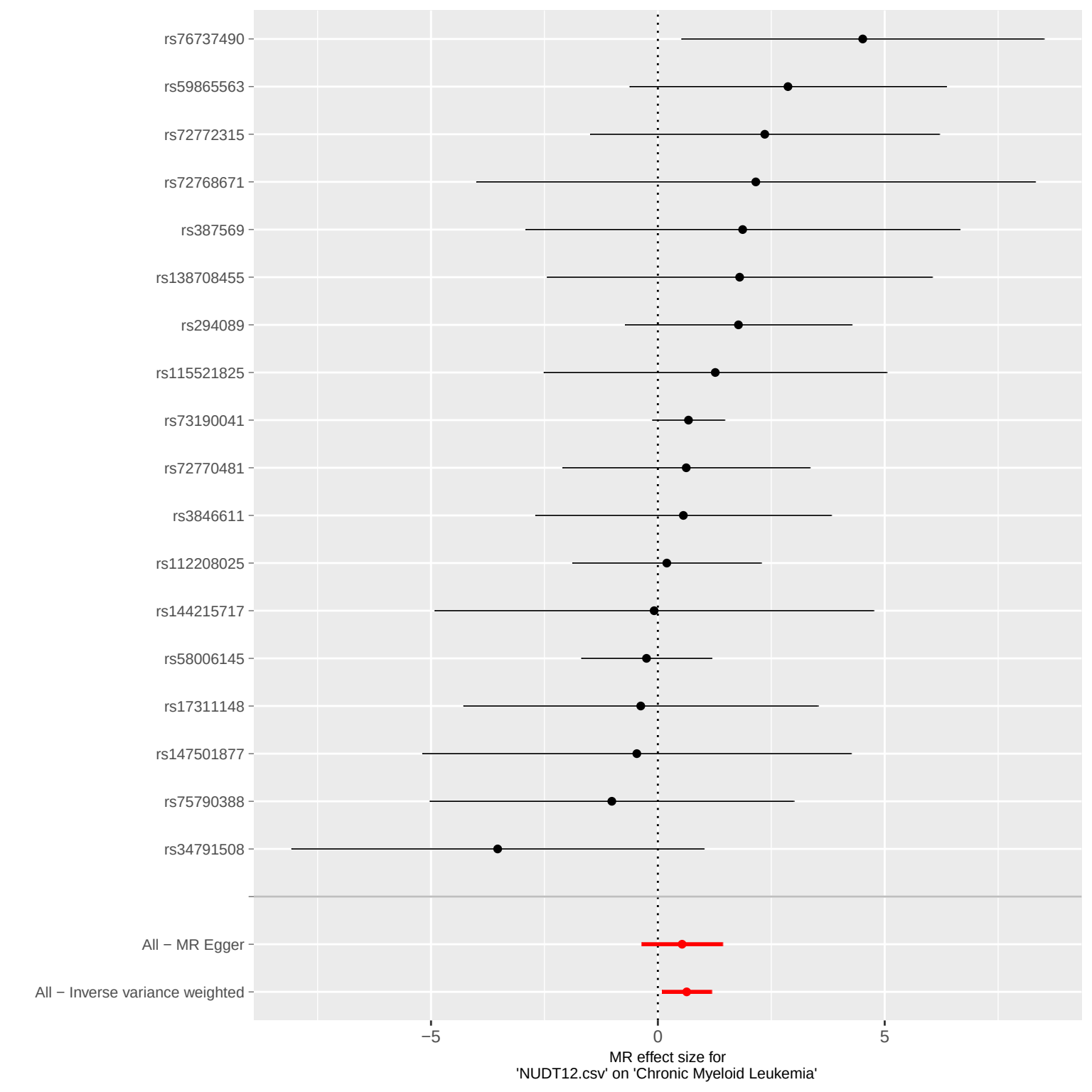
MR effect size for
'NUDCD3.csv' on 'Chronic Myeloid Leukemia'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rs144215717
rs58006145
rs17311148
rs147501877
rs75790388
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All − Inverse variance weighted
−5
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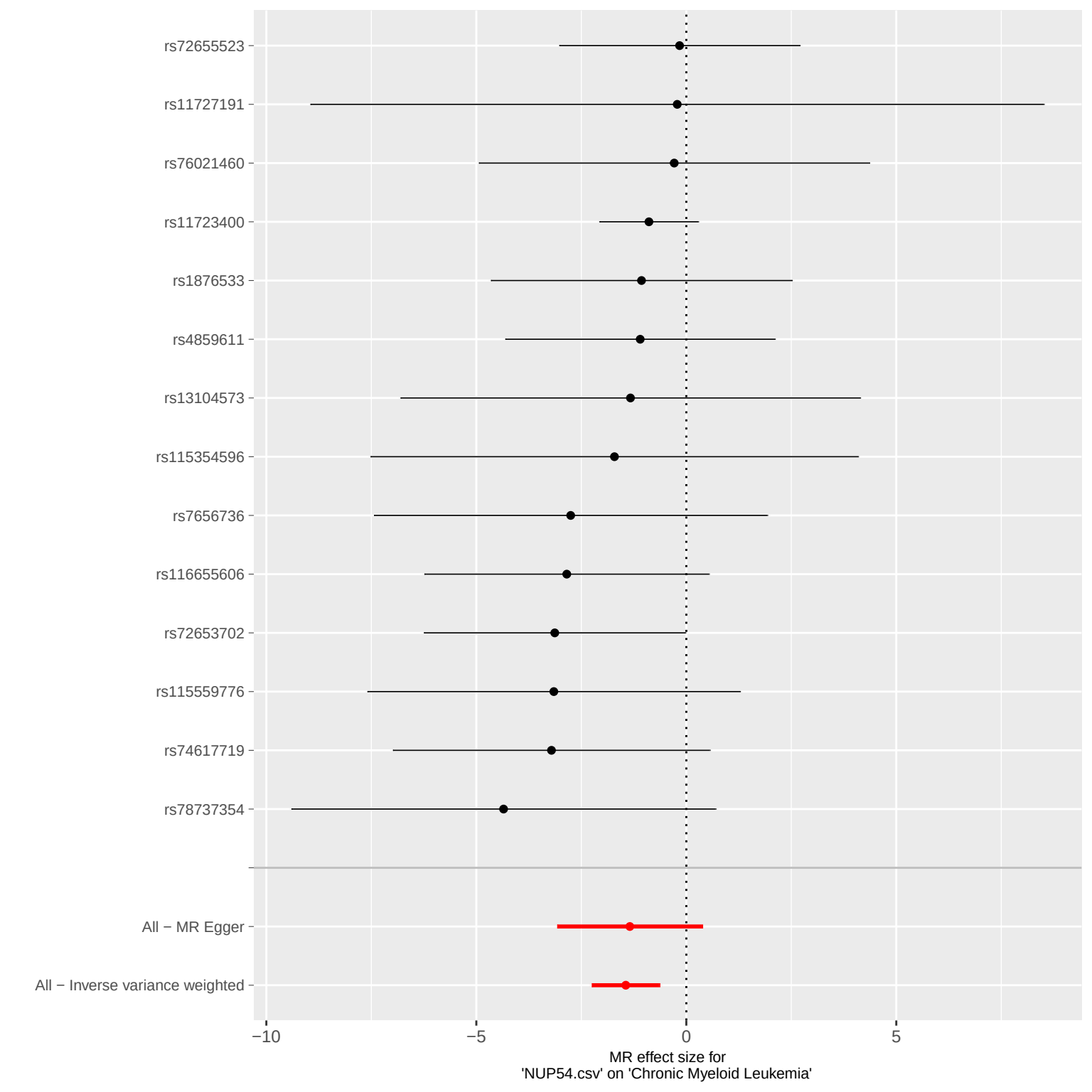
MR effect size for
'NUDT12.csv' on 'Chronic Myeloid Leukemia'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rs115354596
rs7656736
rs116655606
rs72653702
rs115559776
rs74617719
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All − MR Egger
All − Inverse variance weighted
−10
−5
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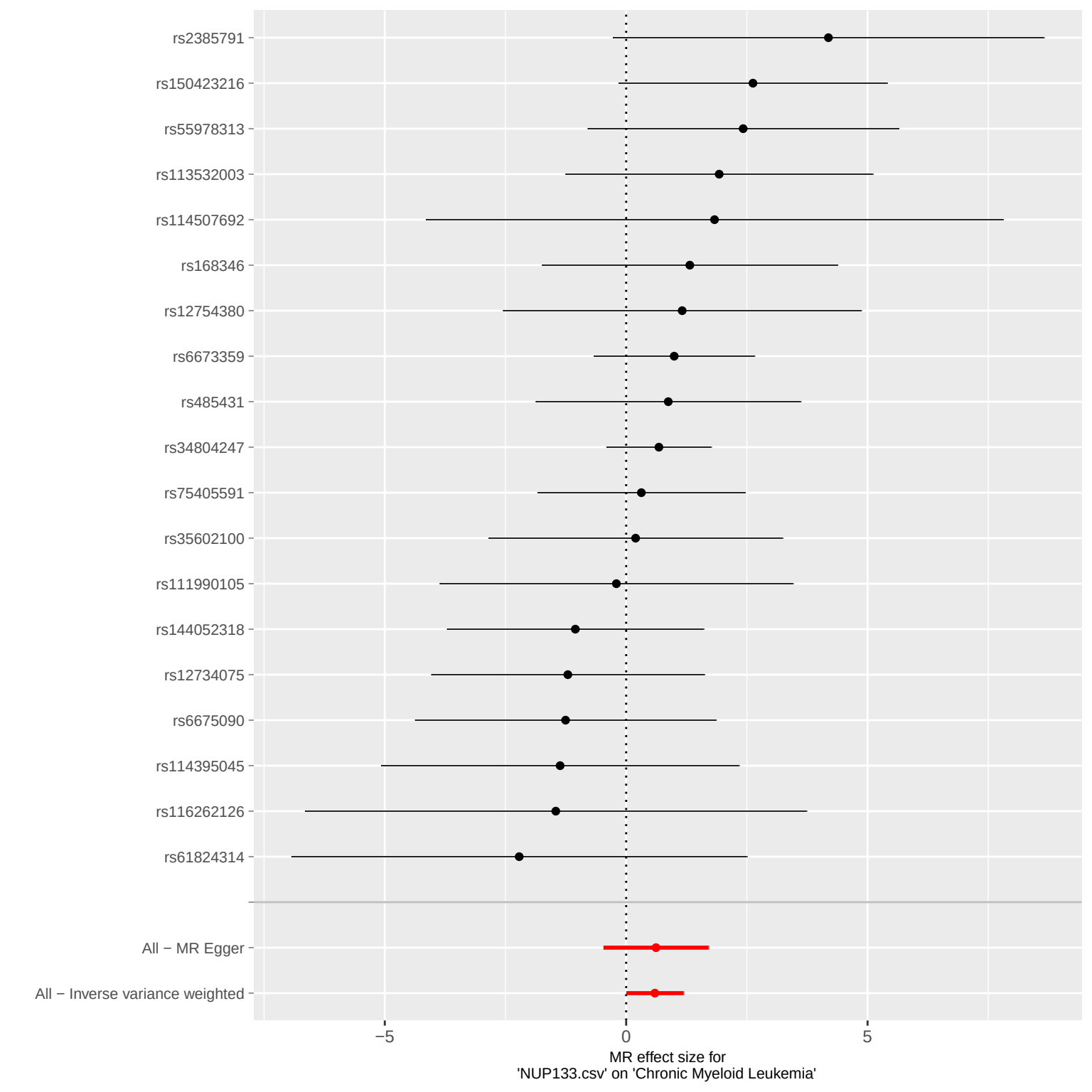
MR effect size for
'NUP54.csv' on 'Chronic Myeloid Leukemia'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rs75405591
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rs111990105
rs144052318
rs12734075
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All − MR Egger
All − Inverse variance weighted
−5
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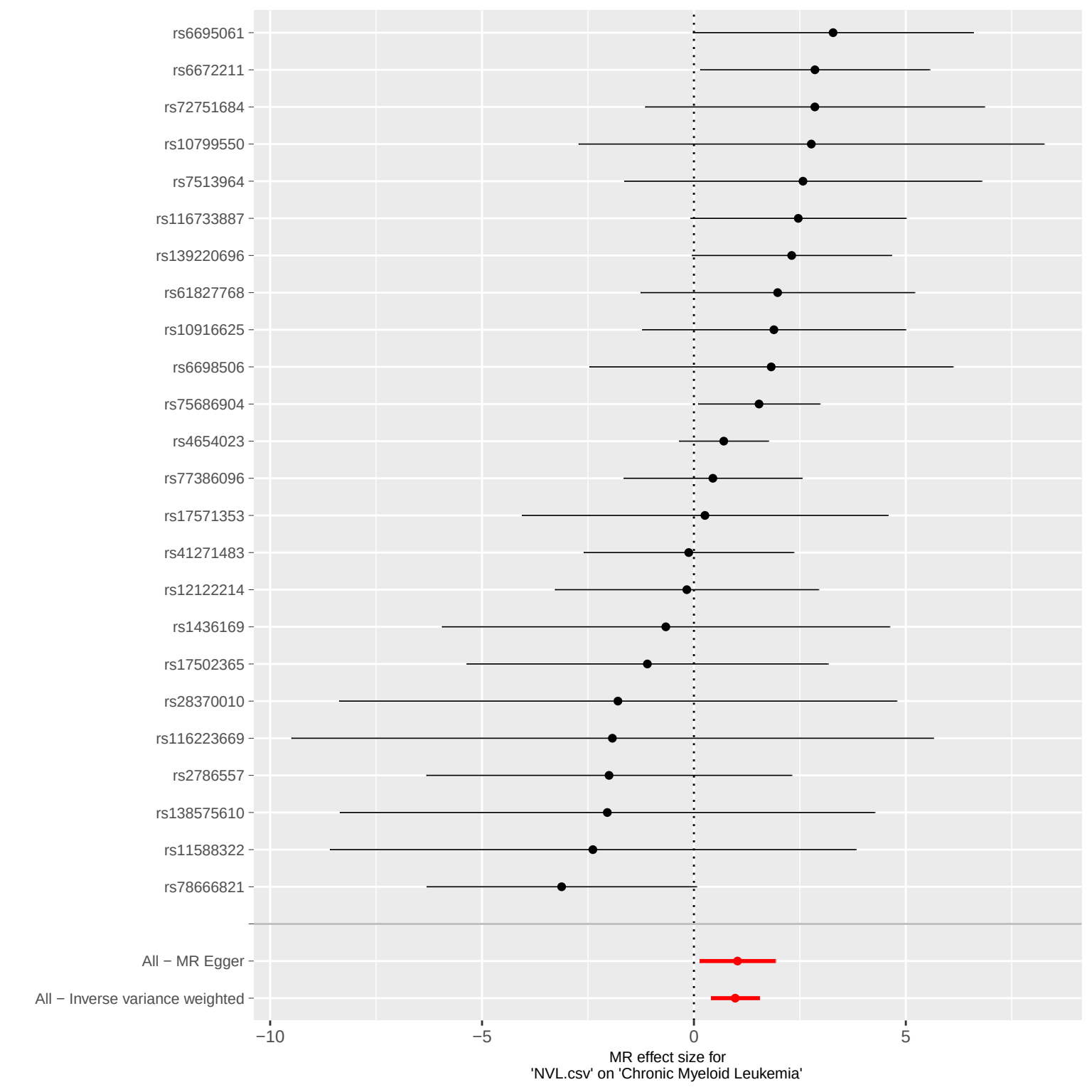
MR effect size for
'NUP133.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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−5
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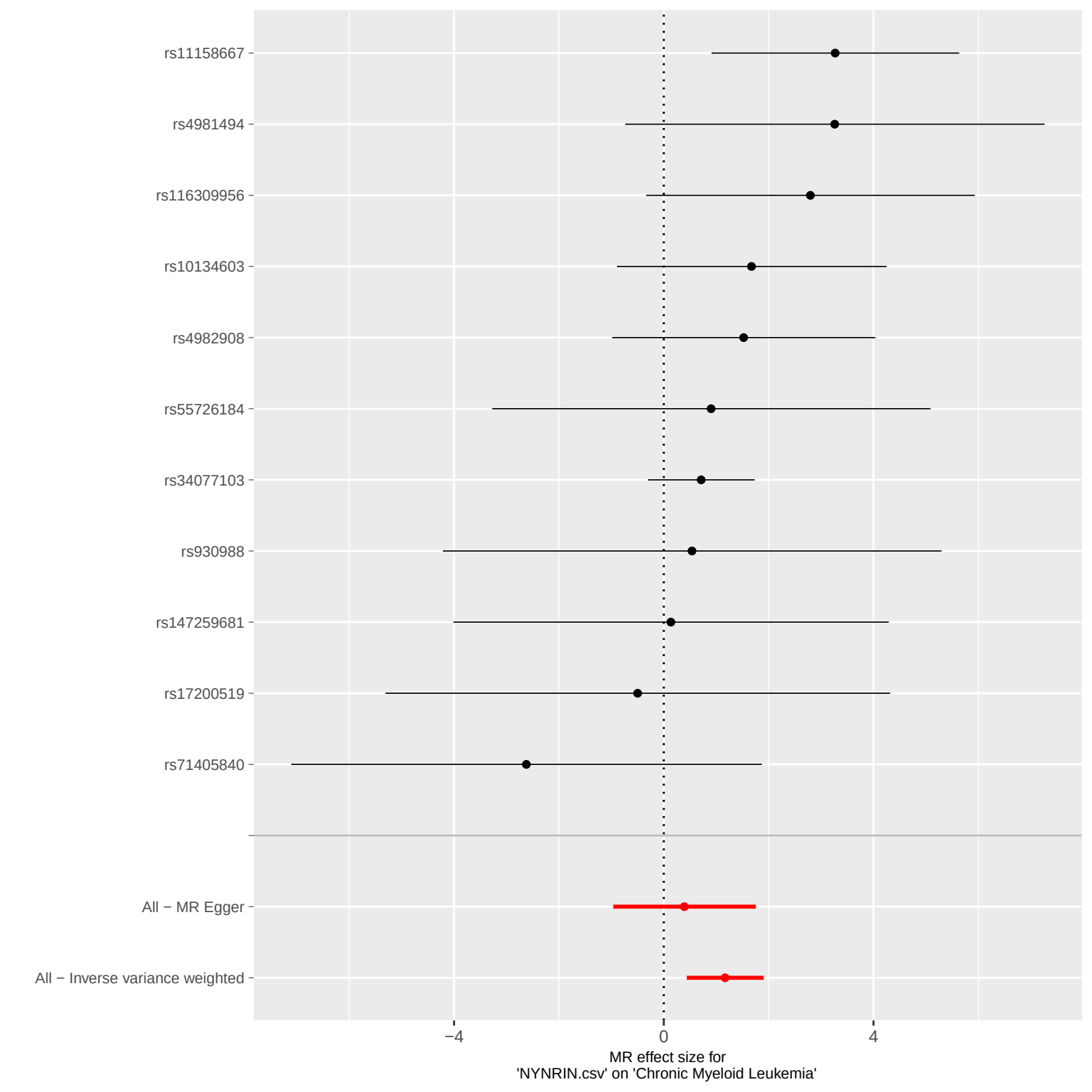
MR effect size for
'NVL.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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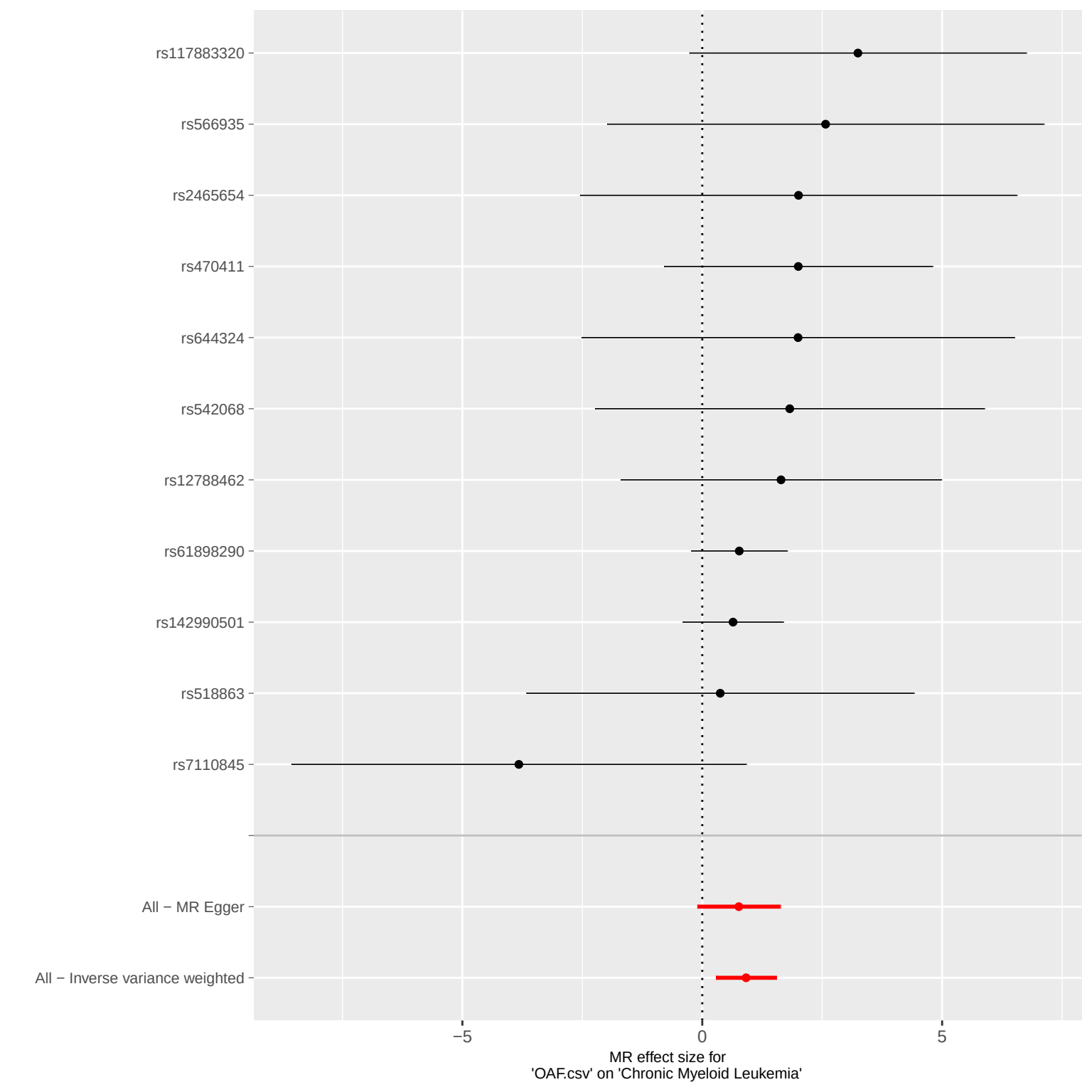
MR effect size for
'NYNRIN.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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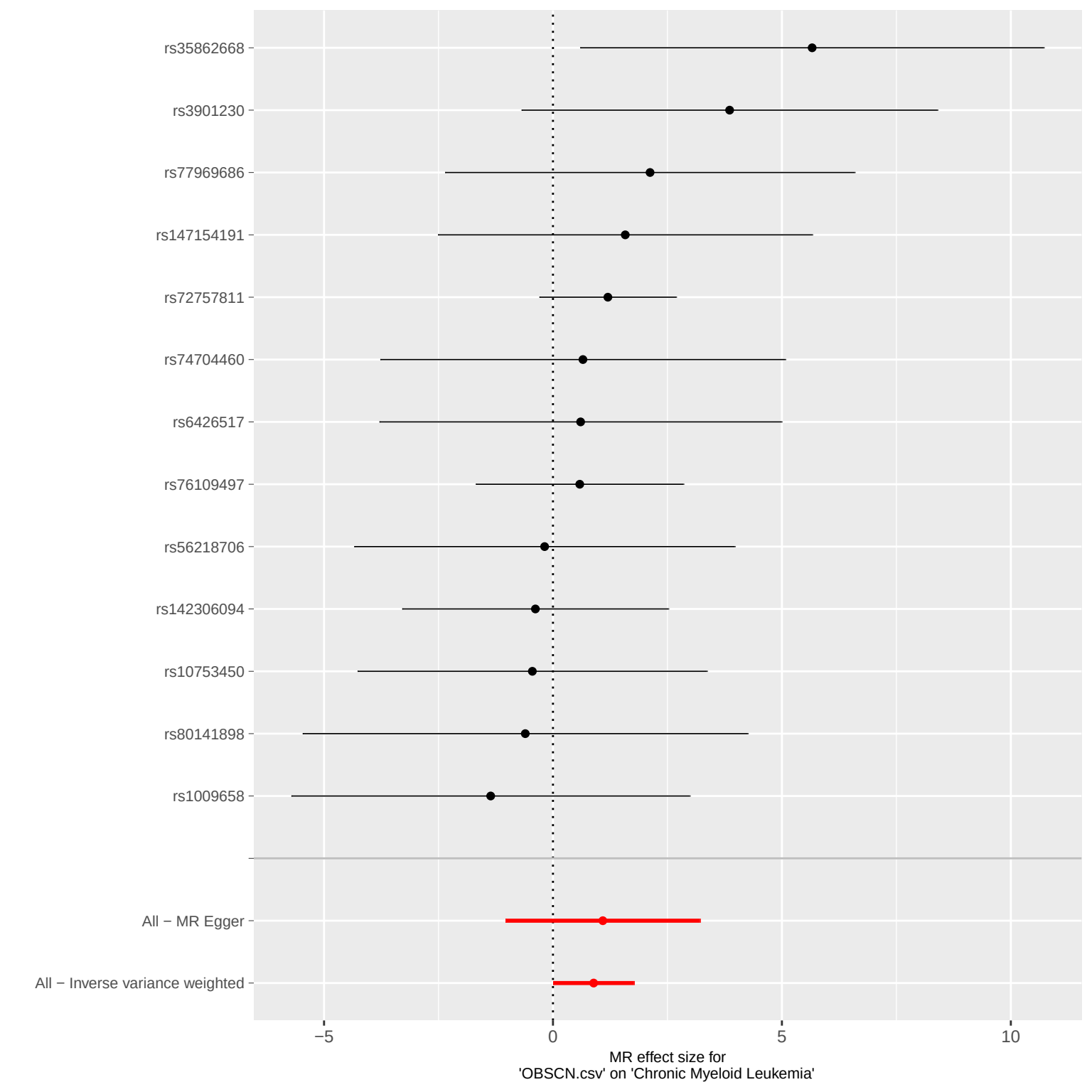
MR effect size for
'OAF.csv' on 'Chronic Myeloid Leukemia'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rs80141898
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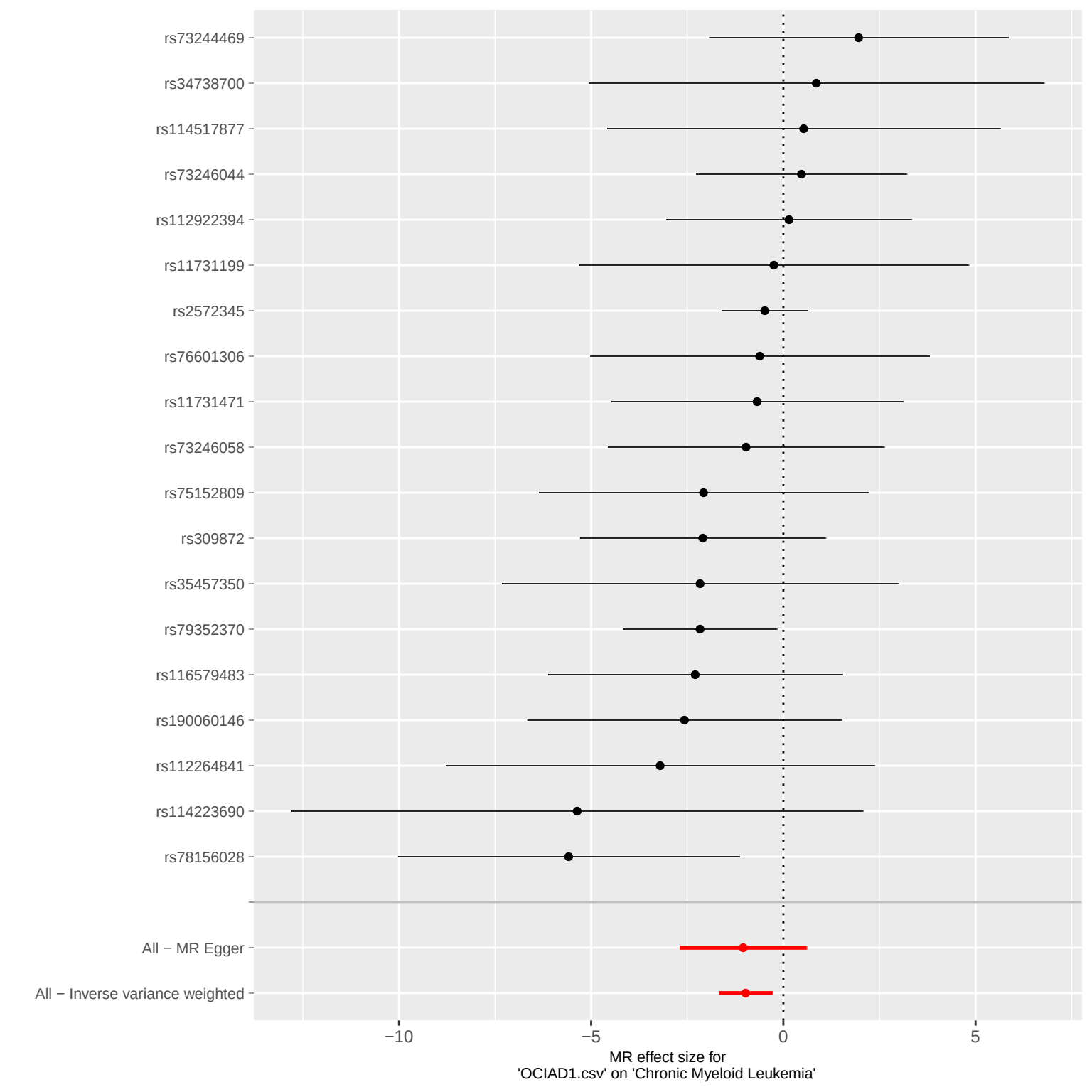
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'OBSCN.csv' on 'Chronic Myeloid Leukemia'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rs309872
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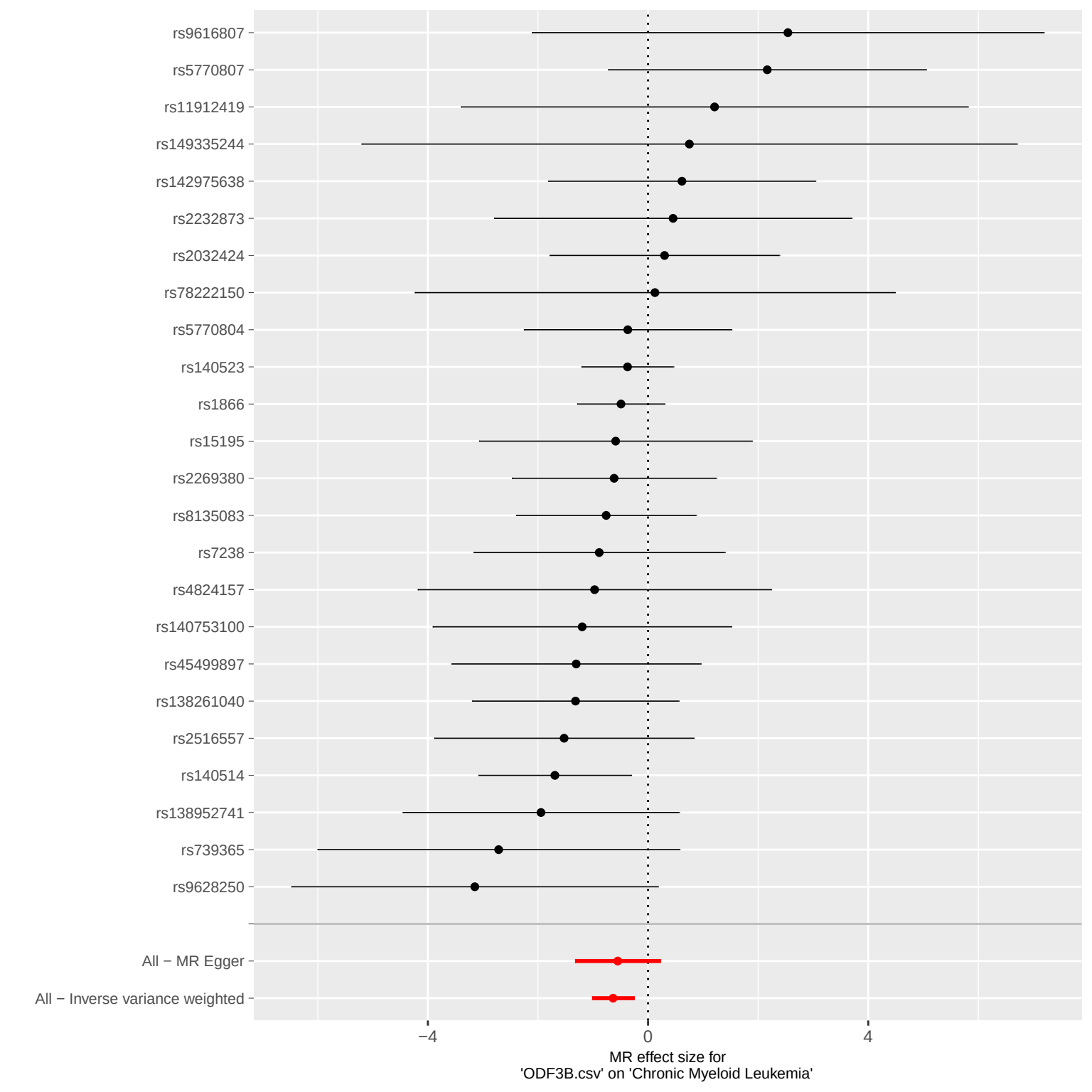
rs116579483
rs190060146
rs112264841
rs114223690
rs78156028
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'OCIAD1.csv' on 'Chronic Myeloid Leukemia'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rs140753100
rs45499897
rs138261040
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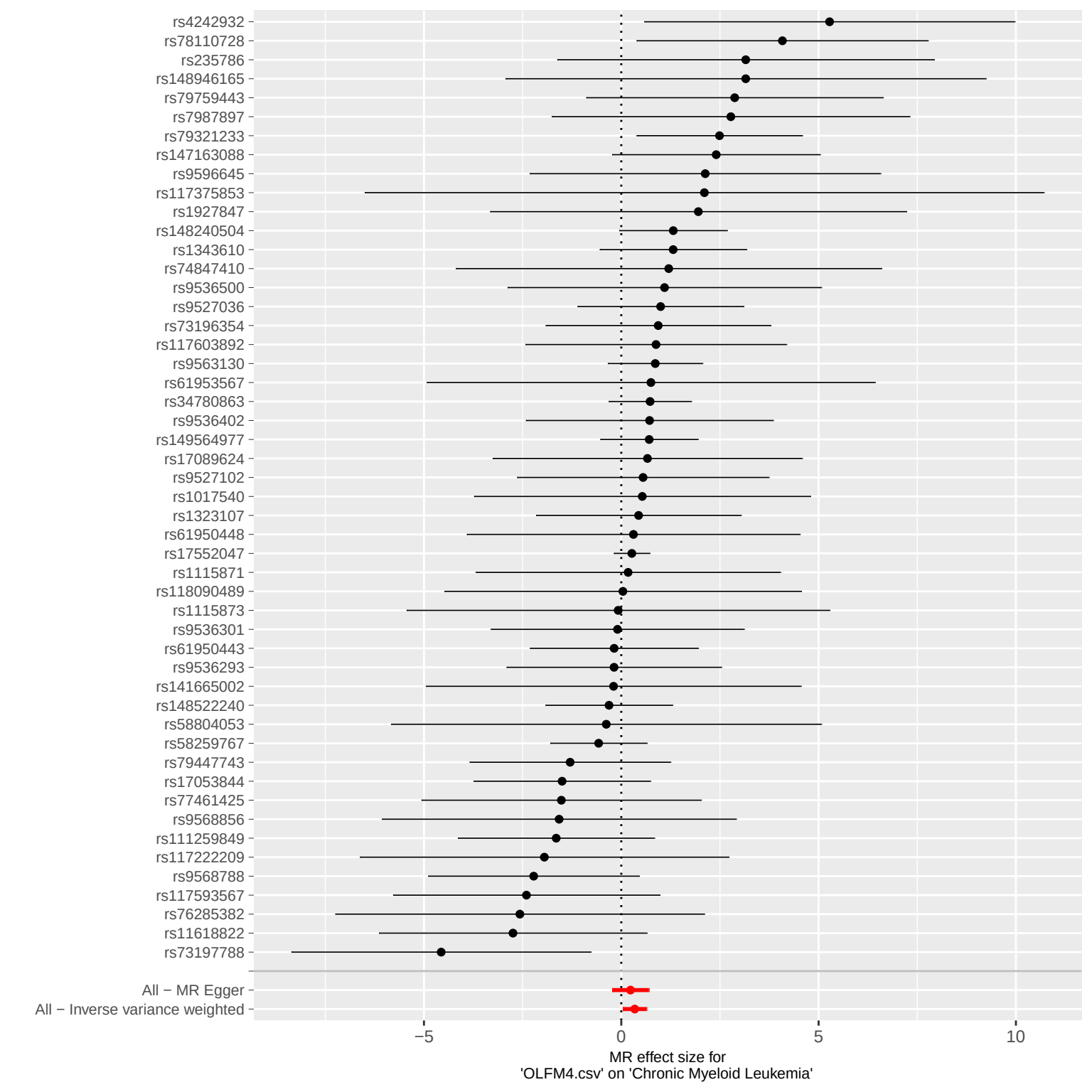
rs140514
rs138952741
rs739365
rs9628250
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ODF3B.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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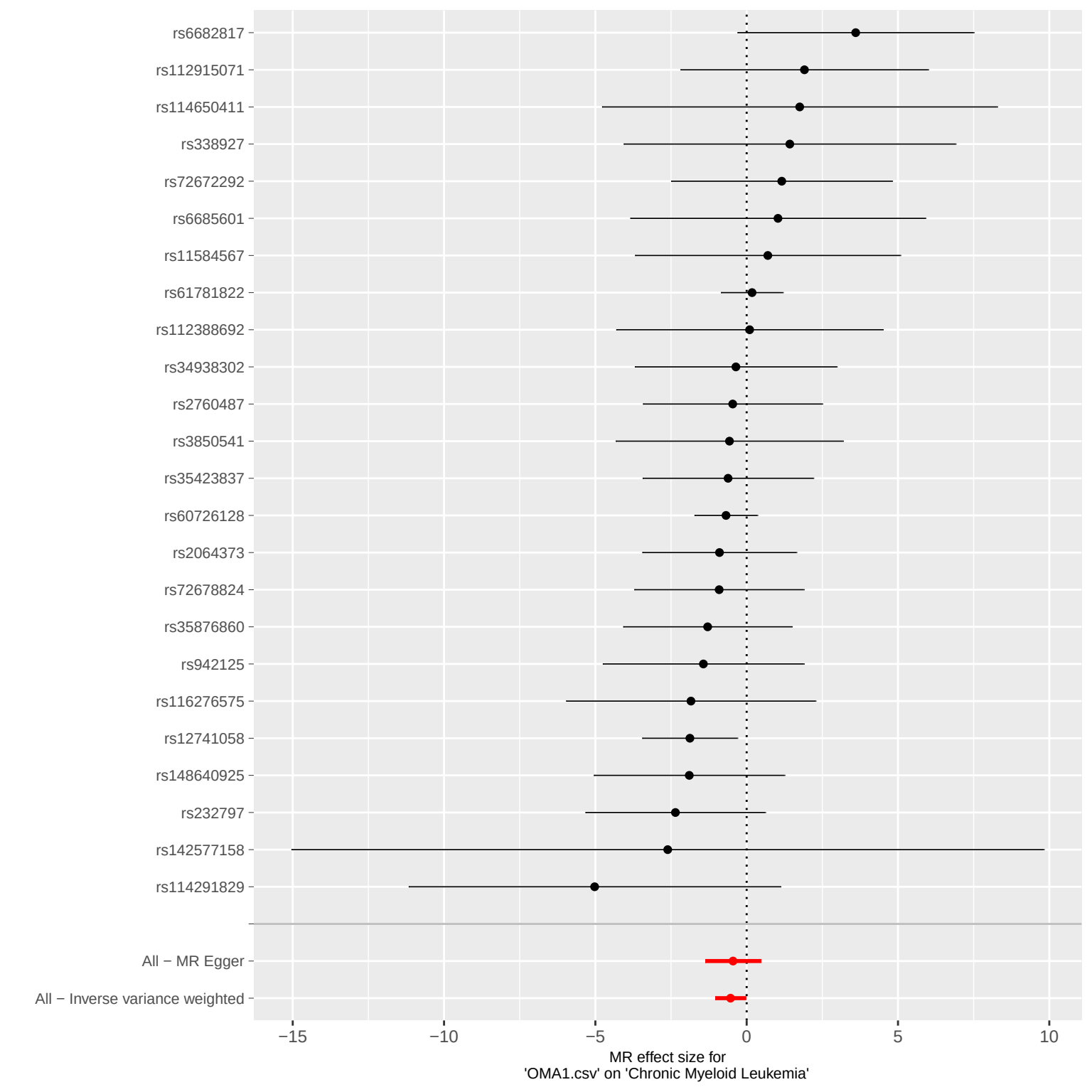
MR effect size for
'OLFM4.csv' on 'Chronic Myeloid Leukemia'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rs12741058
rs148640925
rs232797
rs142577158
rs114291829
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All − Inverse variance weighted
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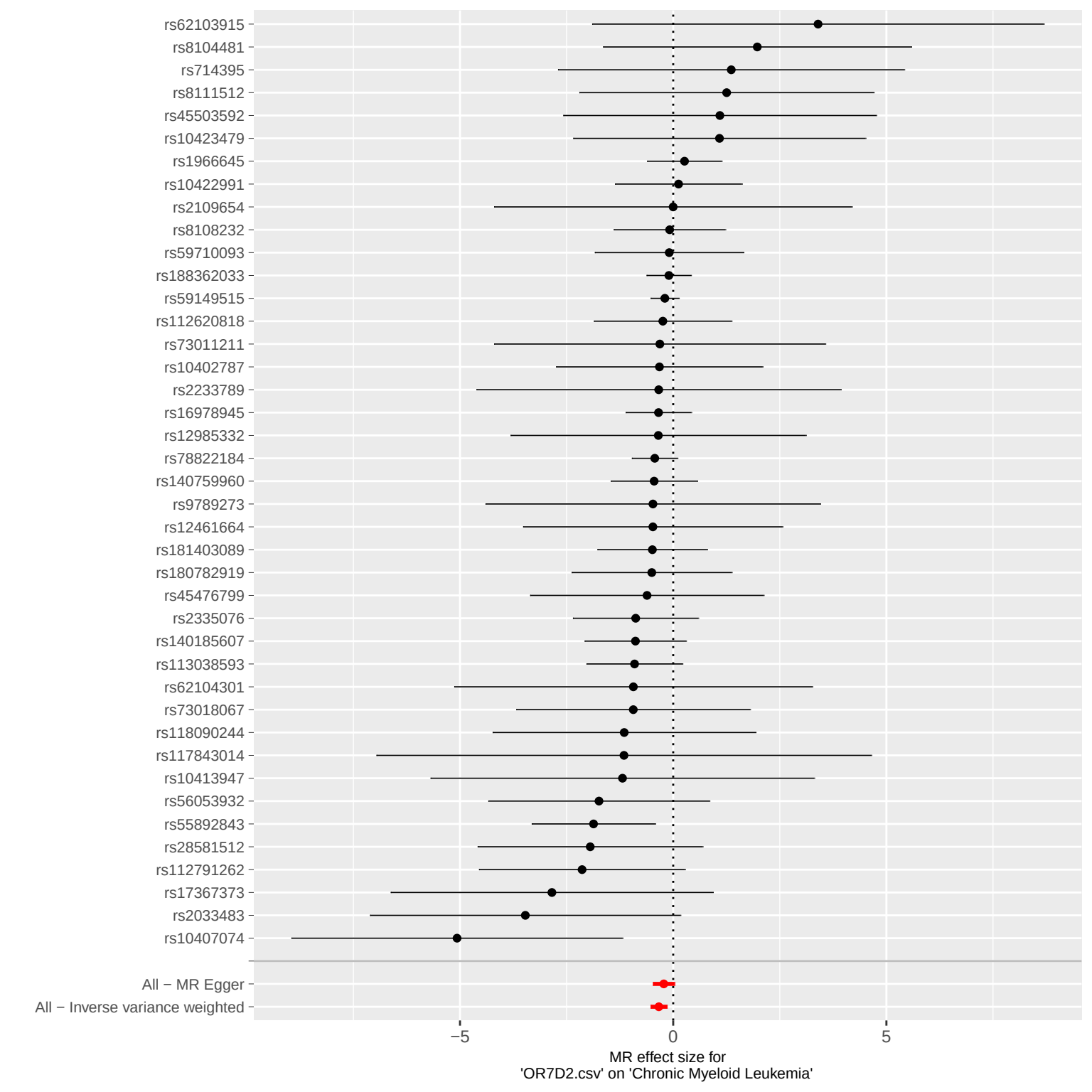
MR effect size for
'OMA1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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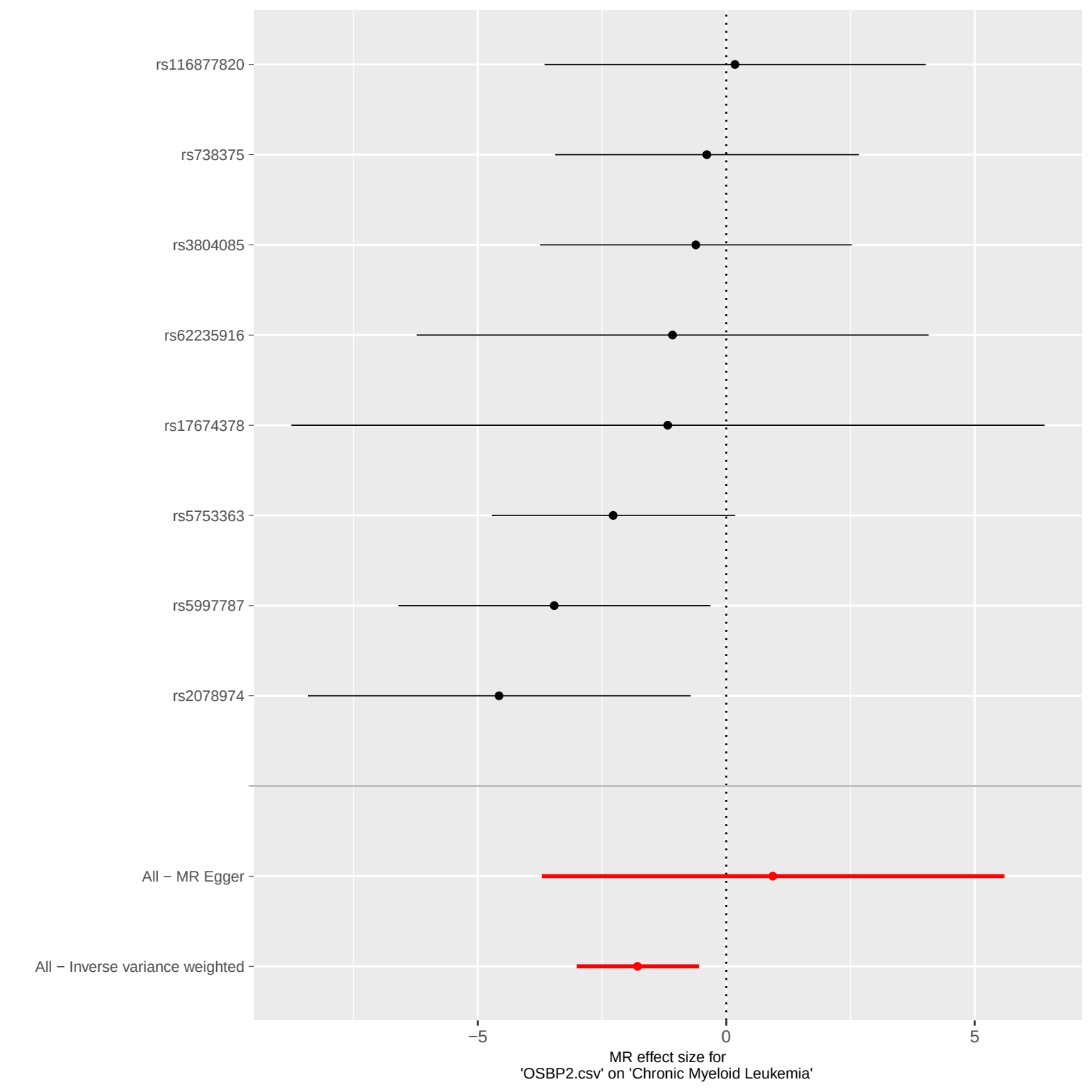
MR effect size for
'OR7D2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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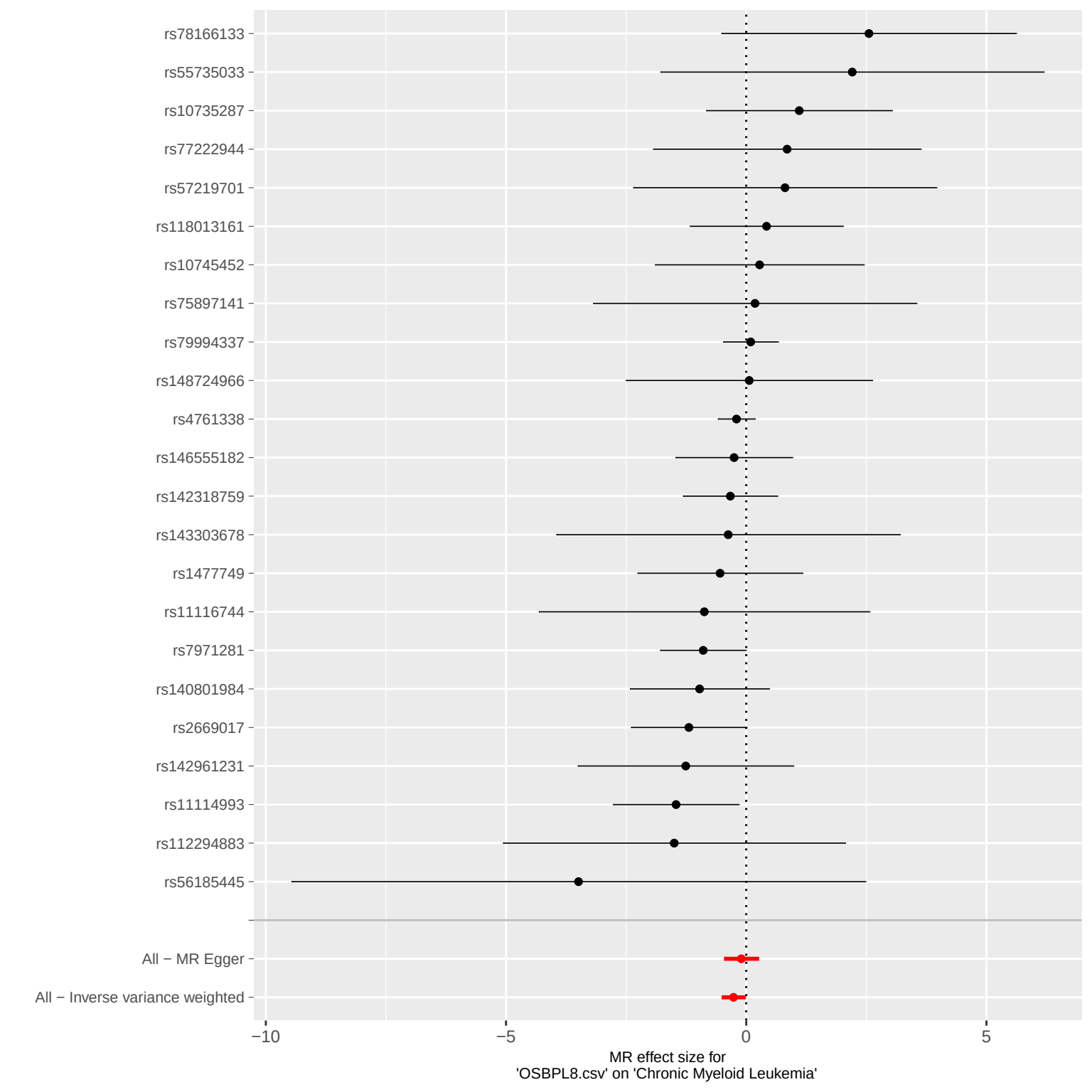
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All − MR Egger
All − Inverse variance weighted
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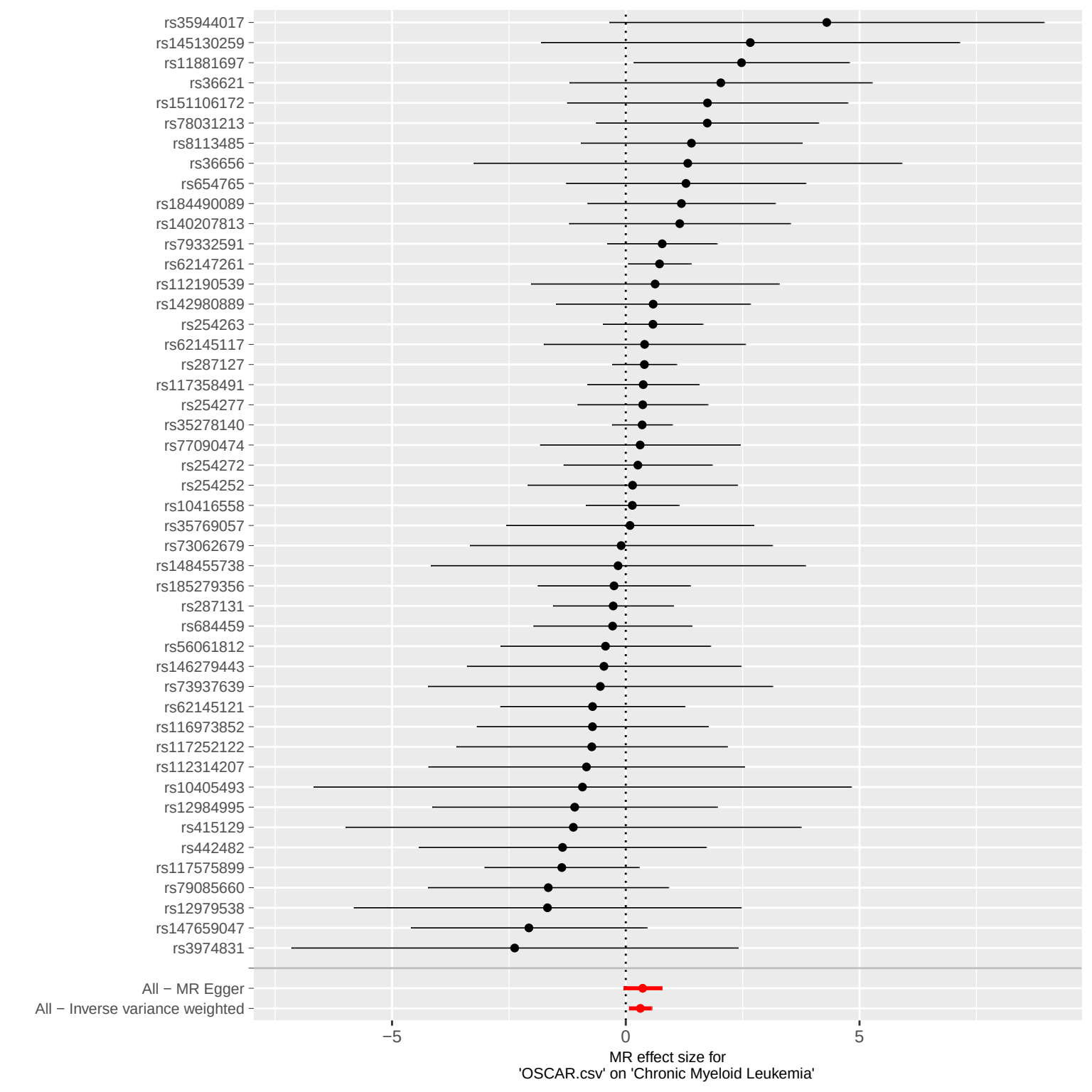
MR effect size for
'OSBPL8.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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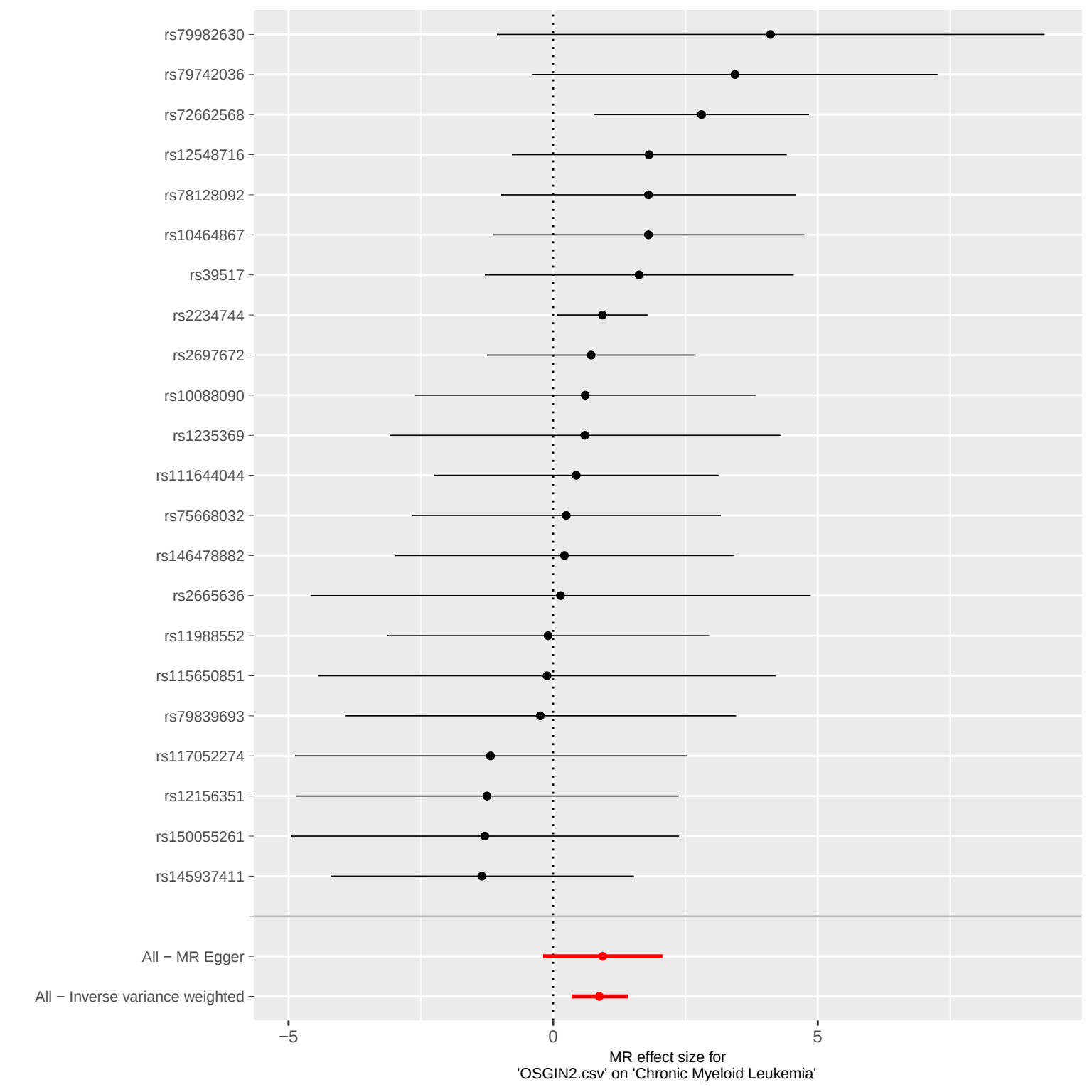
MR effect size for
'OSCAR.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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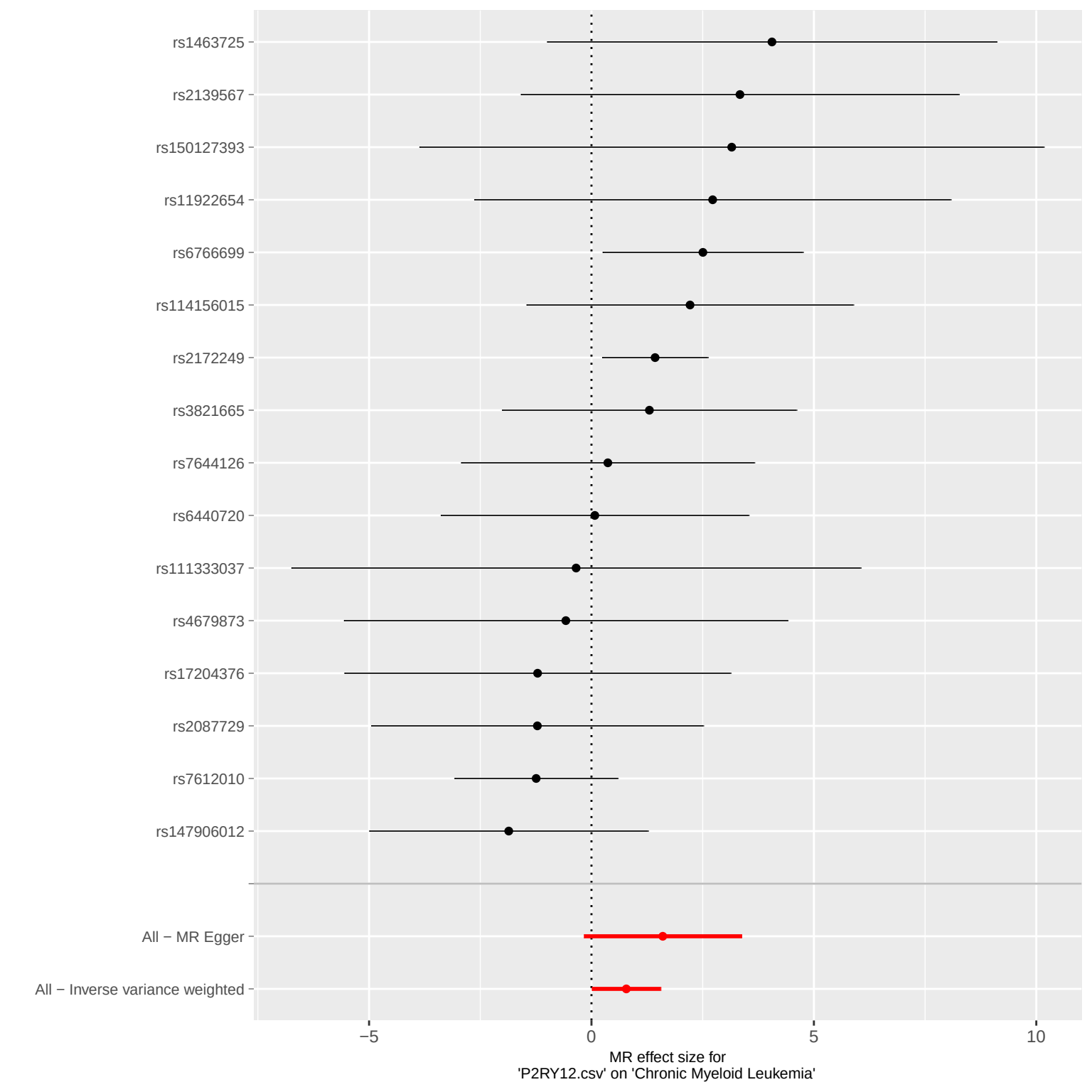
MR effect size for
'OSGIN2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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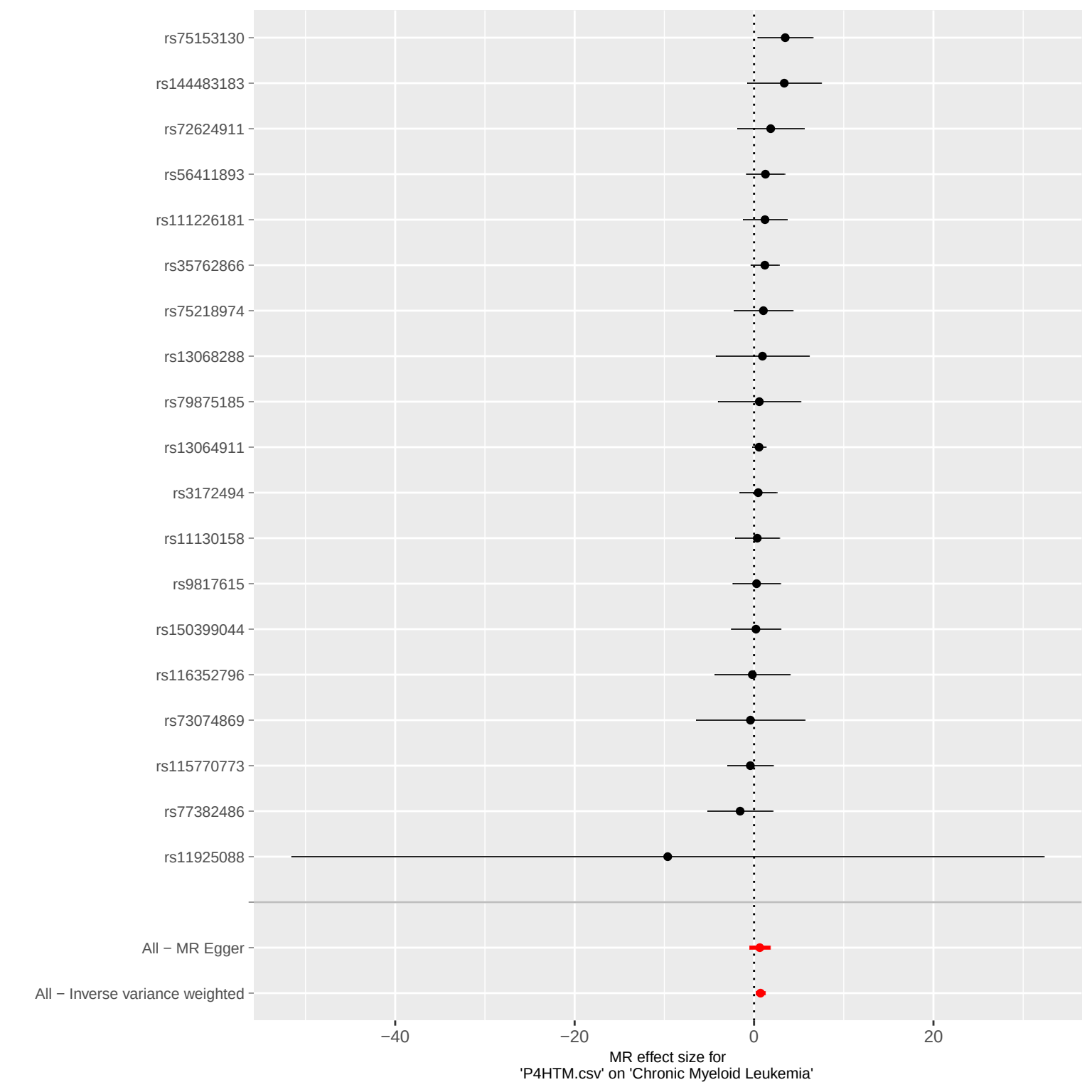
MR effect size for
'P2RY12.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
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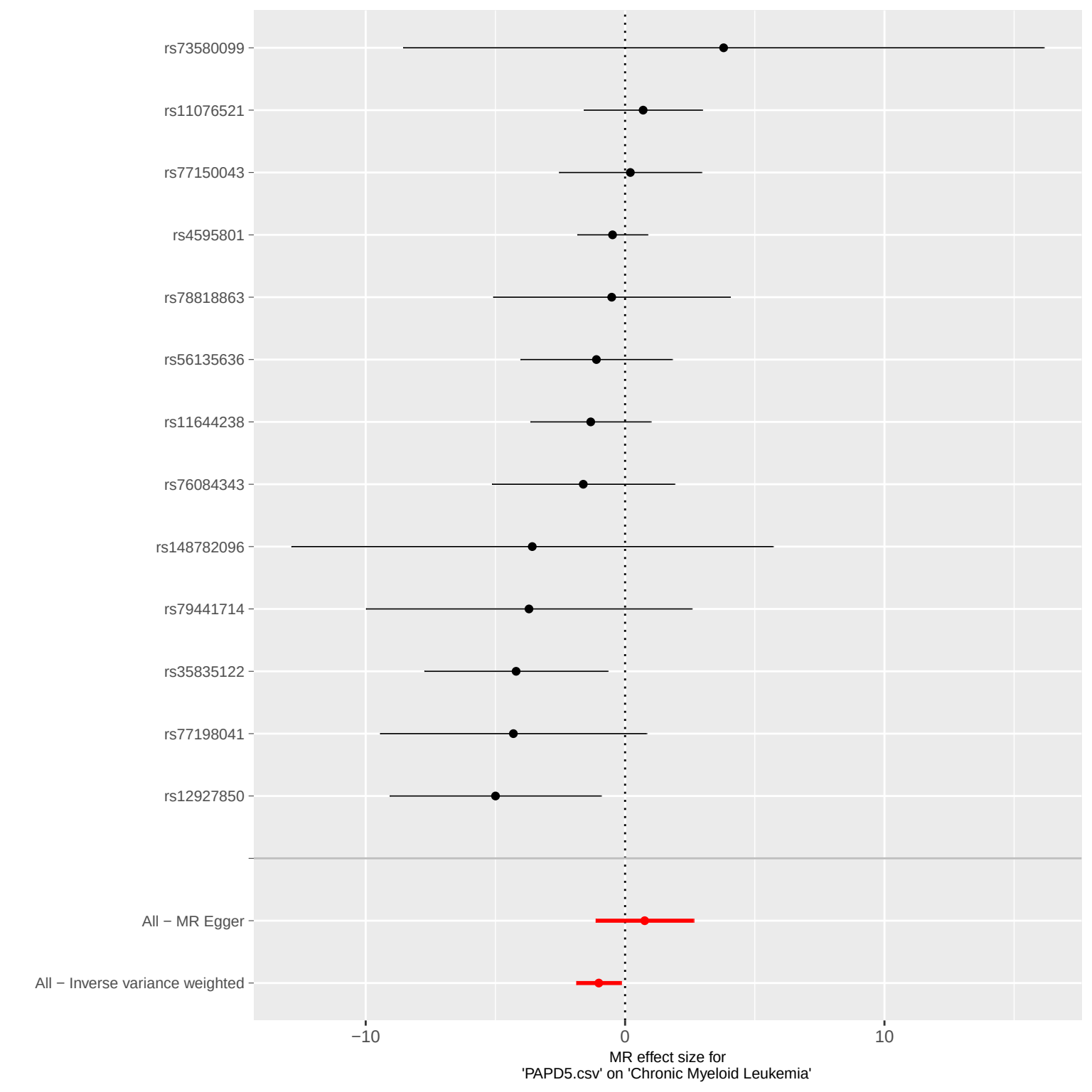
MR effect size for
'P4HTM.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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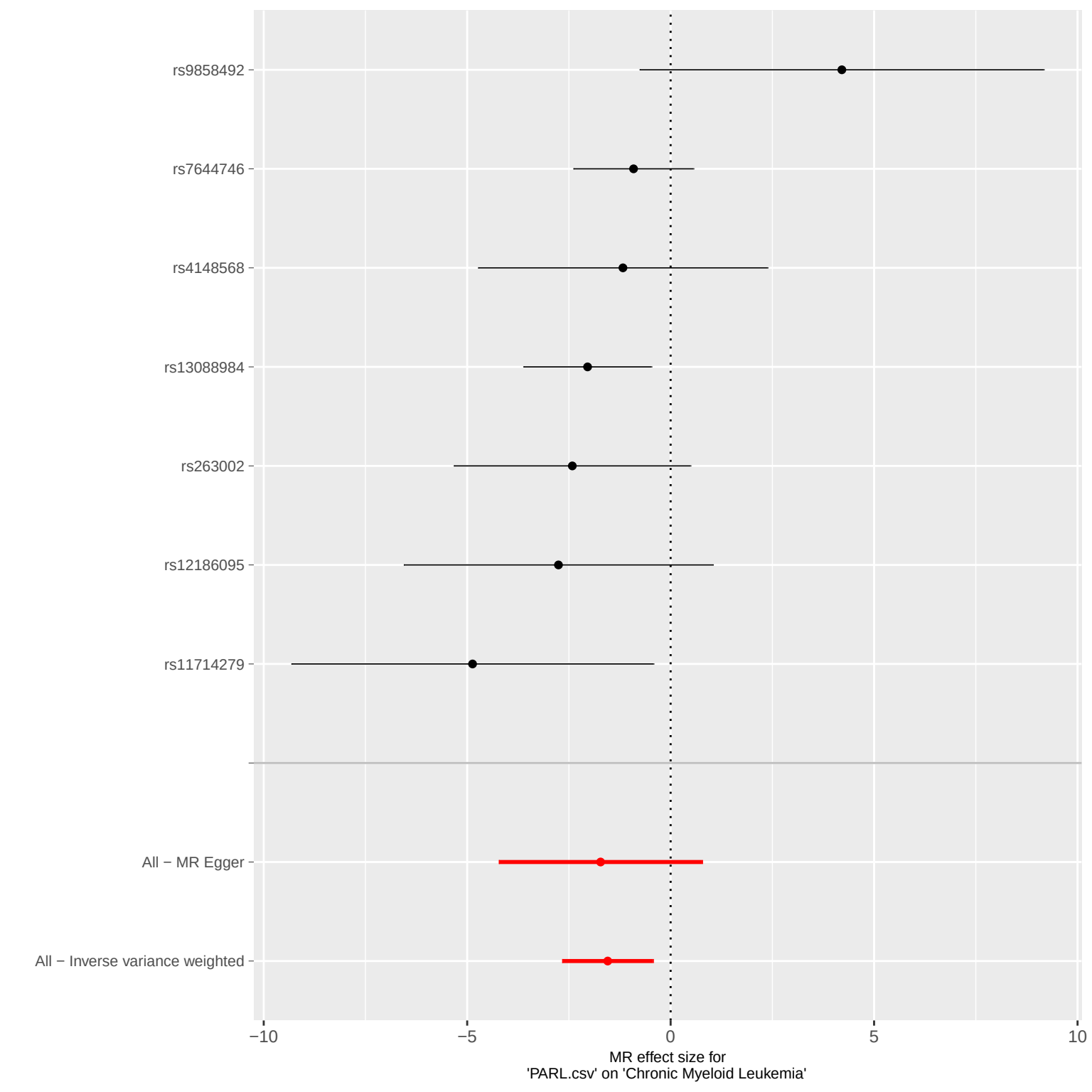
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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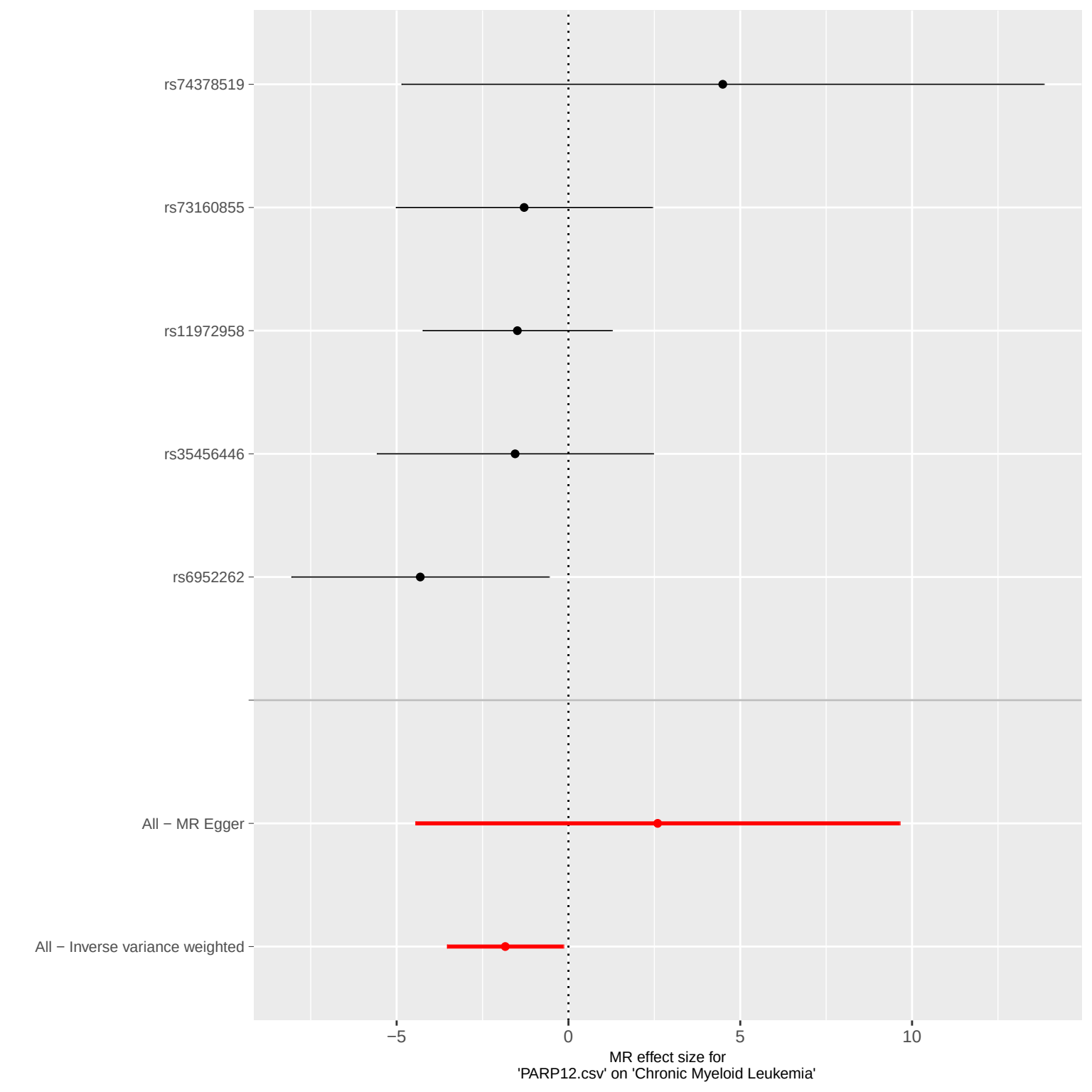
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All − Inverse variance weighted
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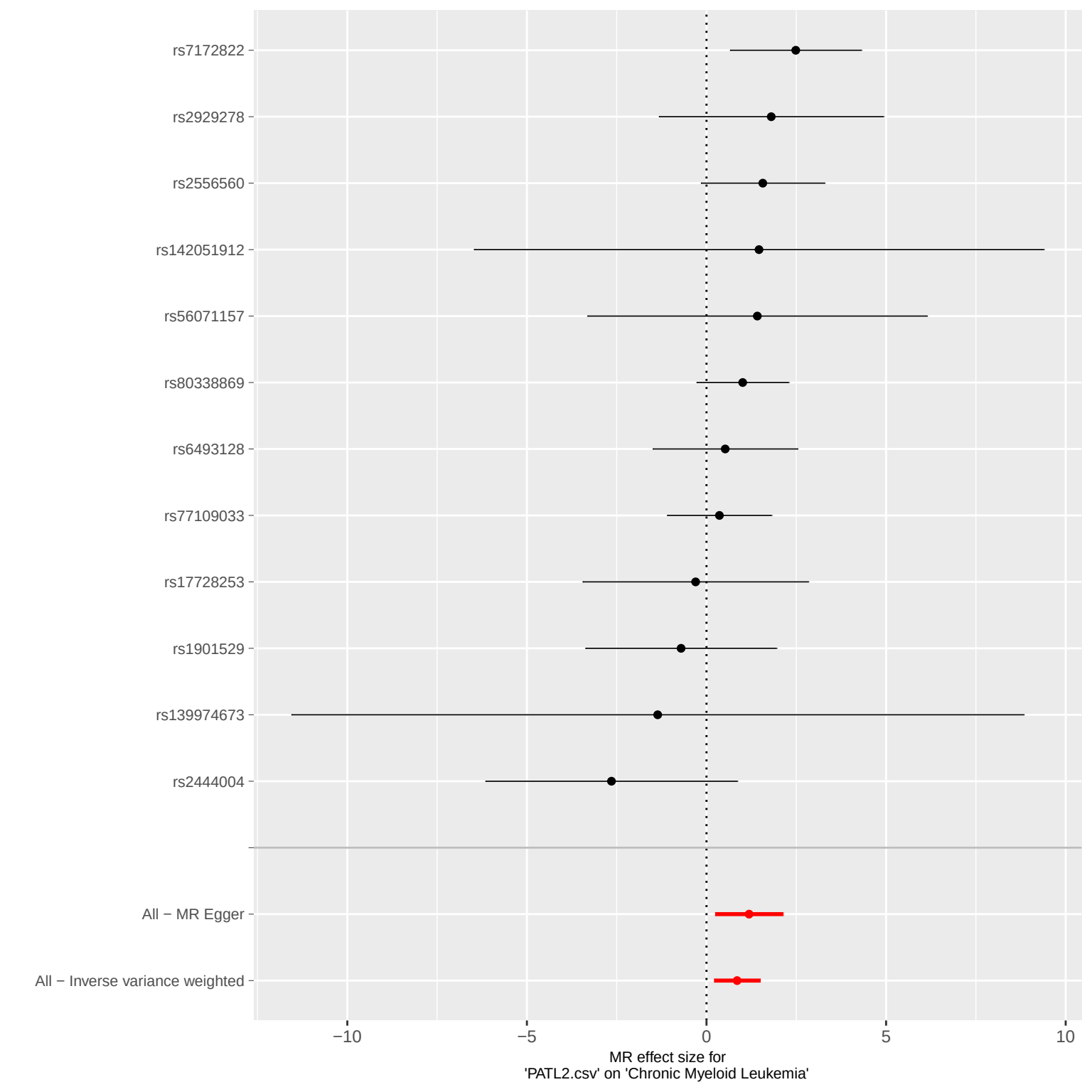
MR effect size for
'PARP12.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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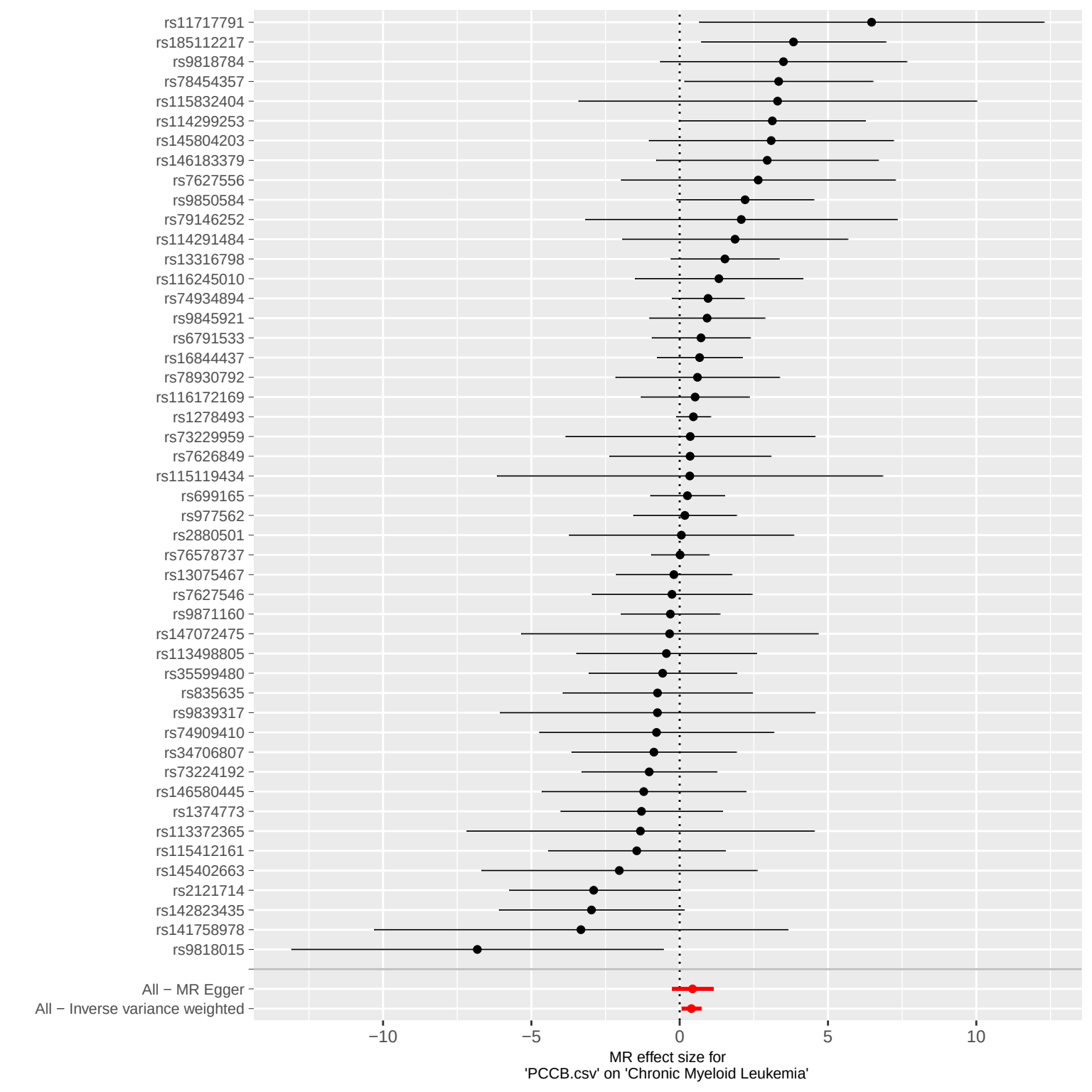
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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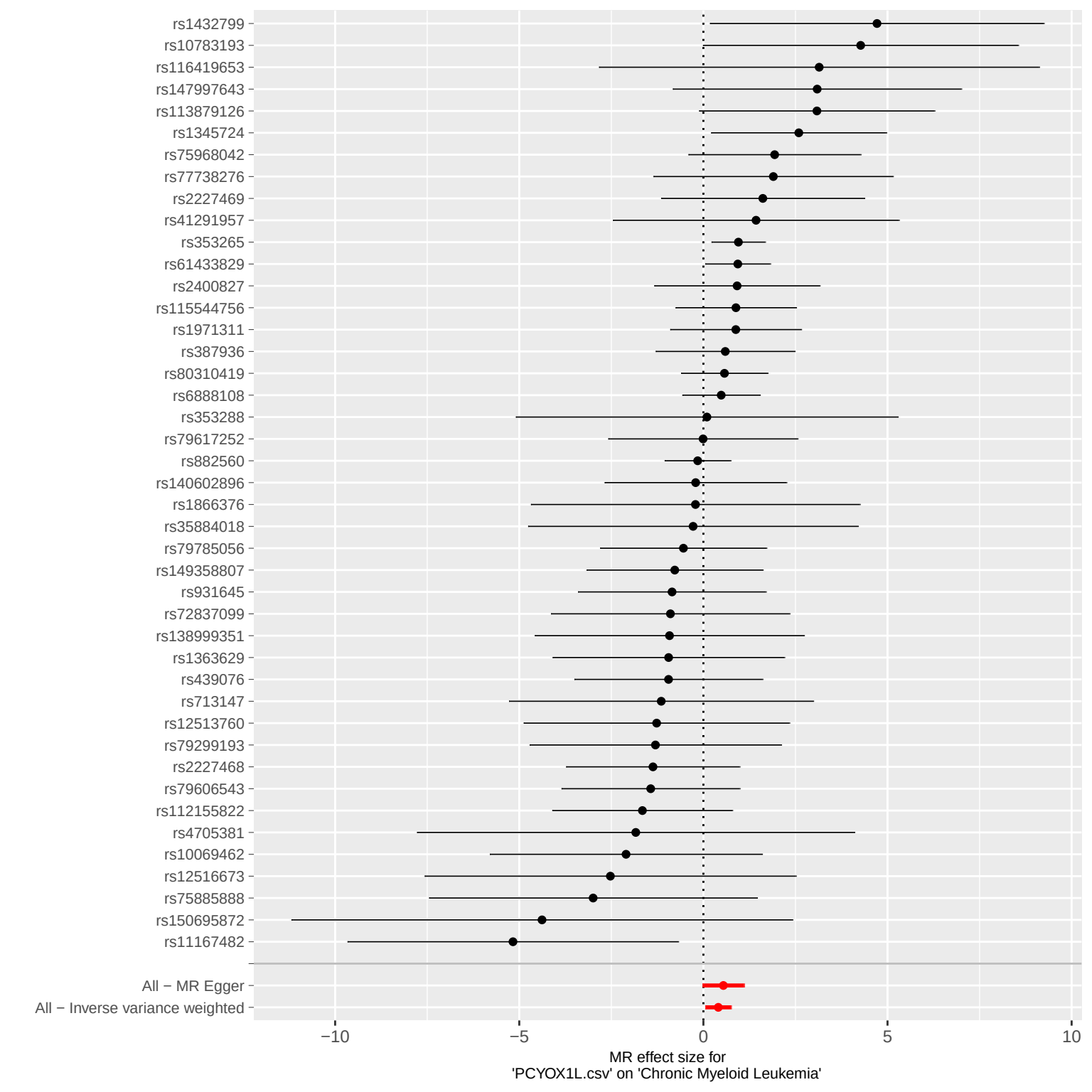
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All − MR Egger
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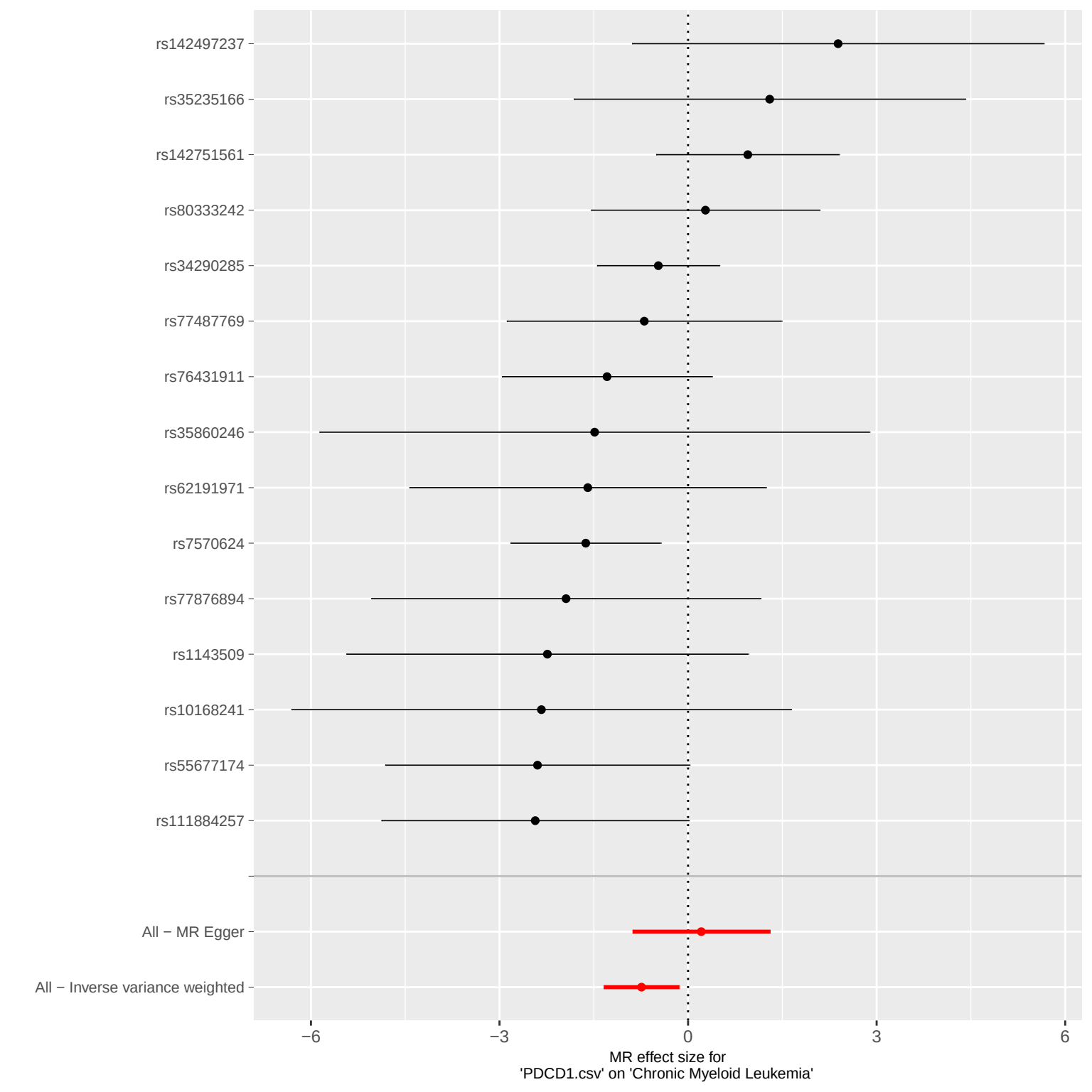
MR effect size for
'PCYOX1L.csv' on 'Chronic Myeloid Leukemia'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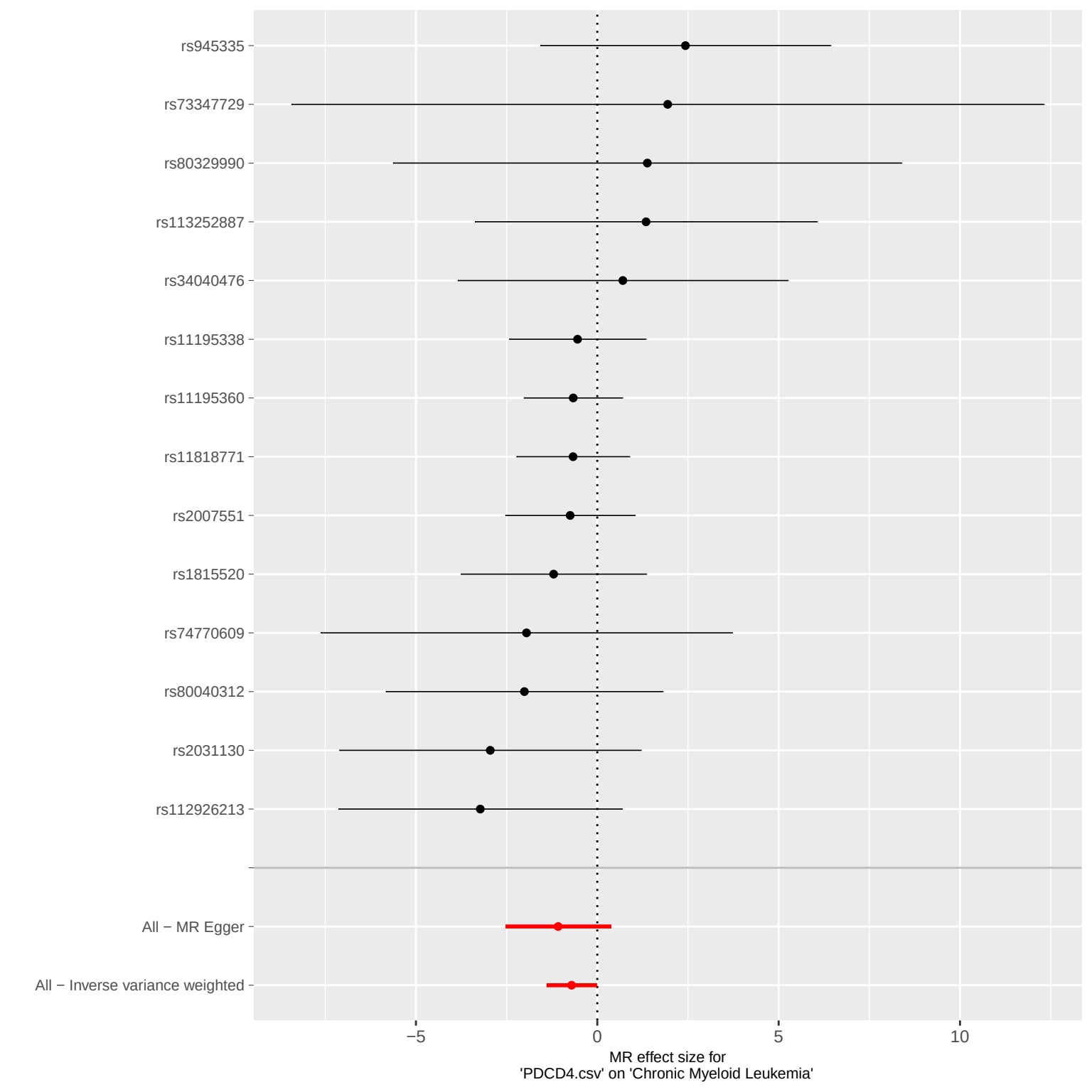
MR effect size for
'PDCD1.csv' on 'Chronic Myeloid Leukemia'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rs2031130
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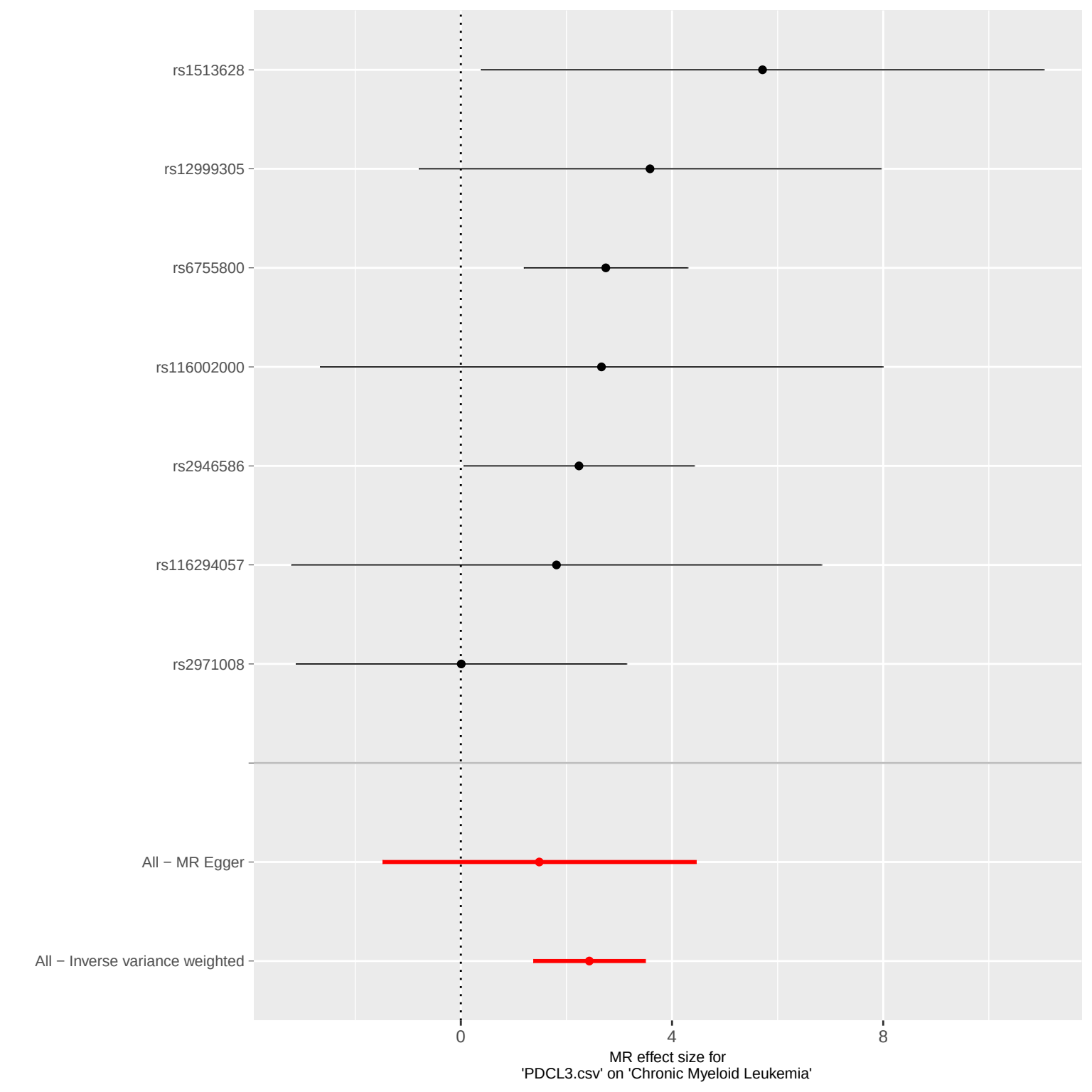
MR effect size for
'PDCD4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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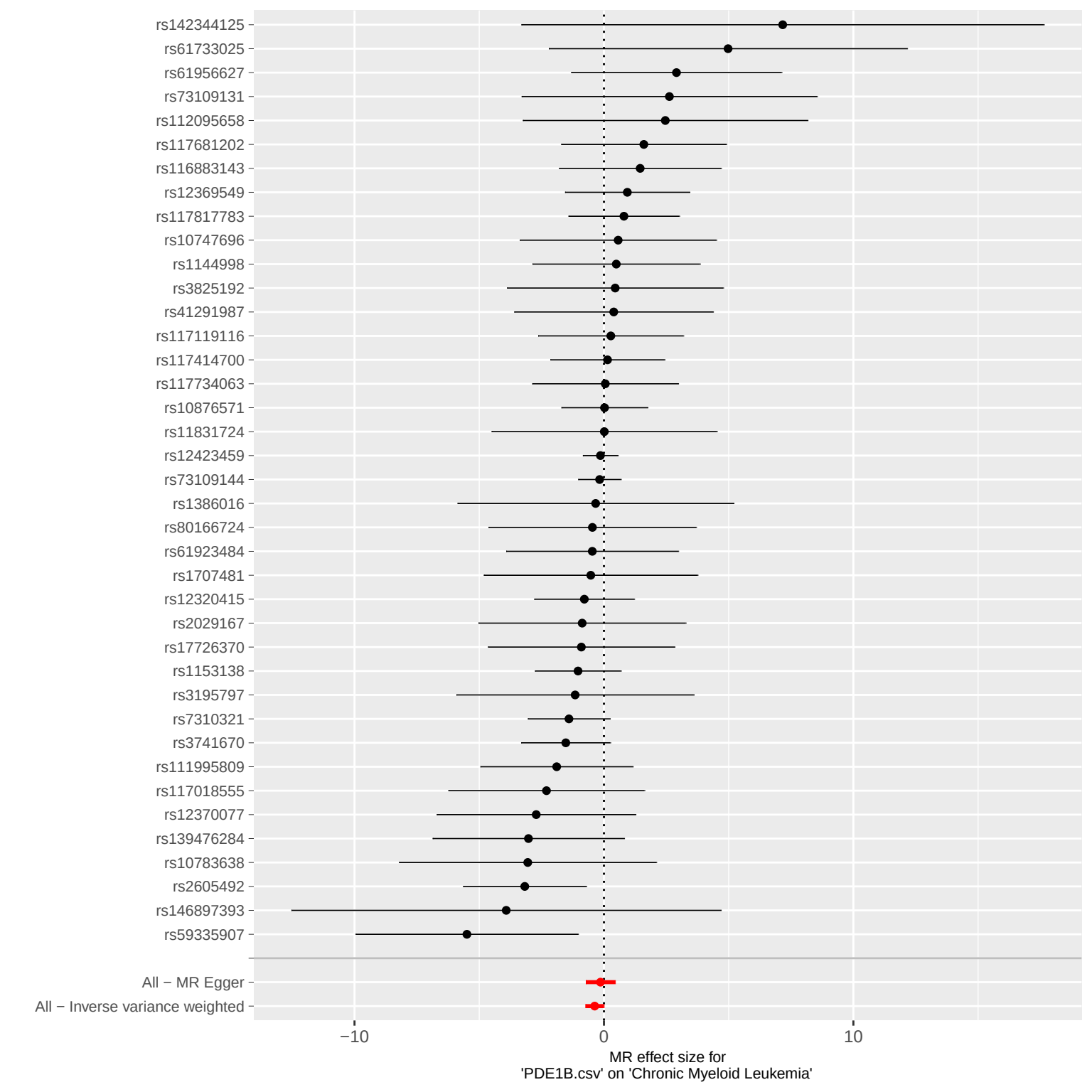
MR effect size for
'PDCL3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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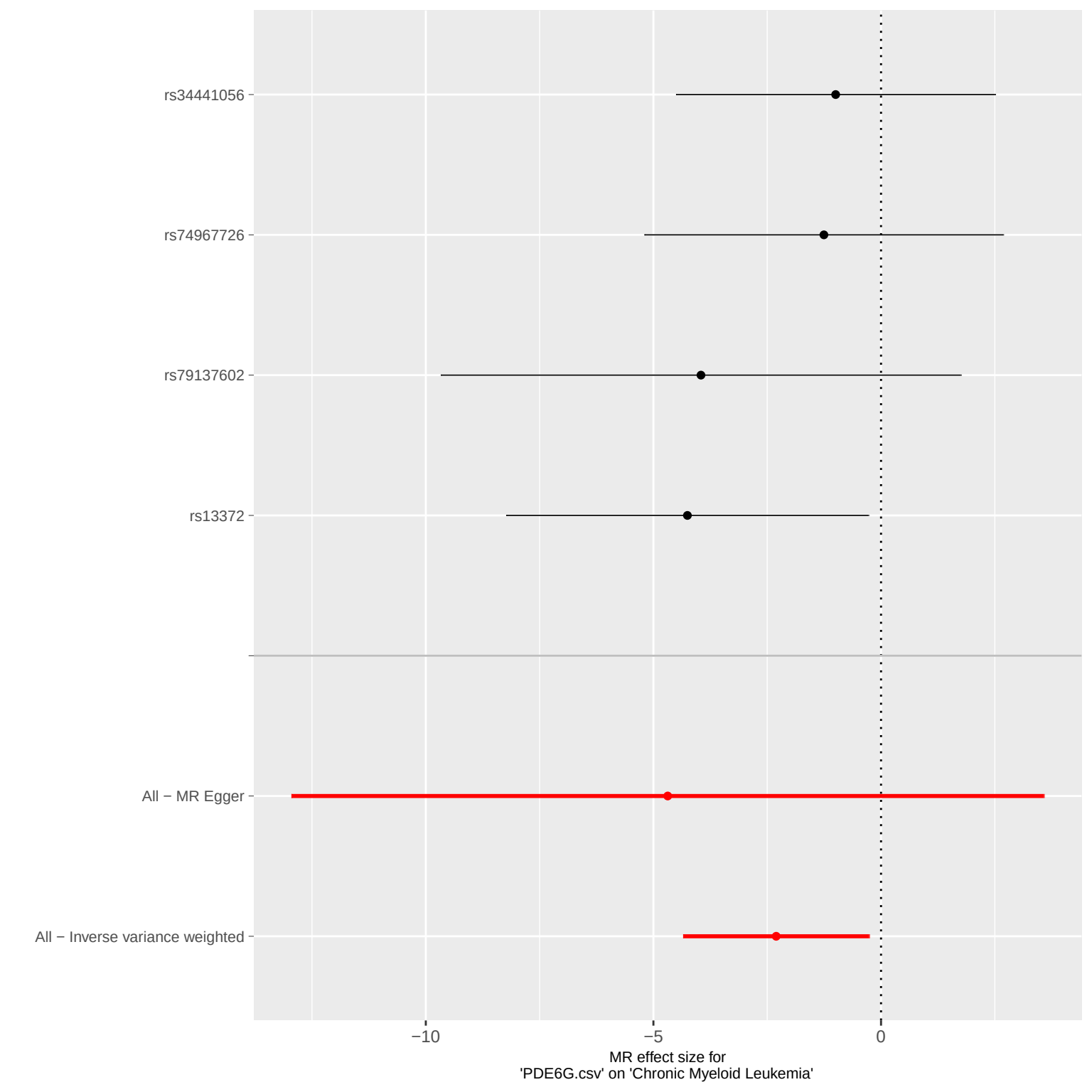
MR effect size for
'PDE1B.csv' on 'Chronic Myeloid Leukemia'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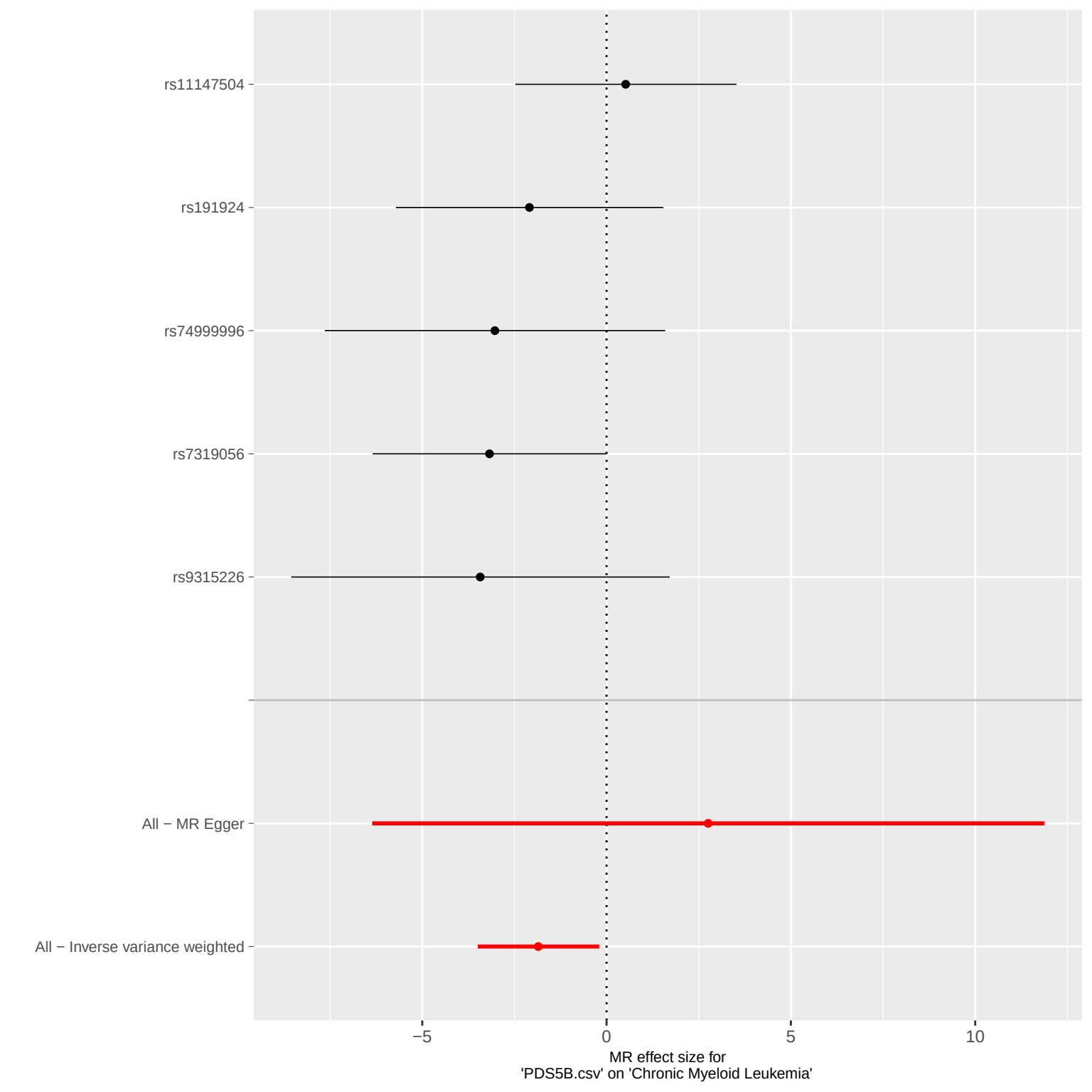
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All − Inverse variance weighted
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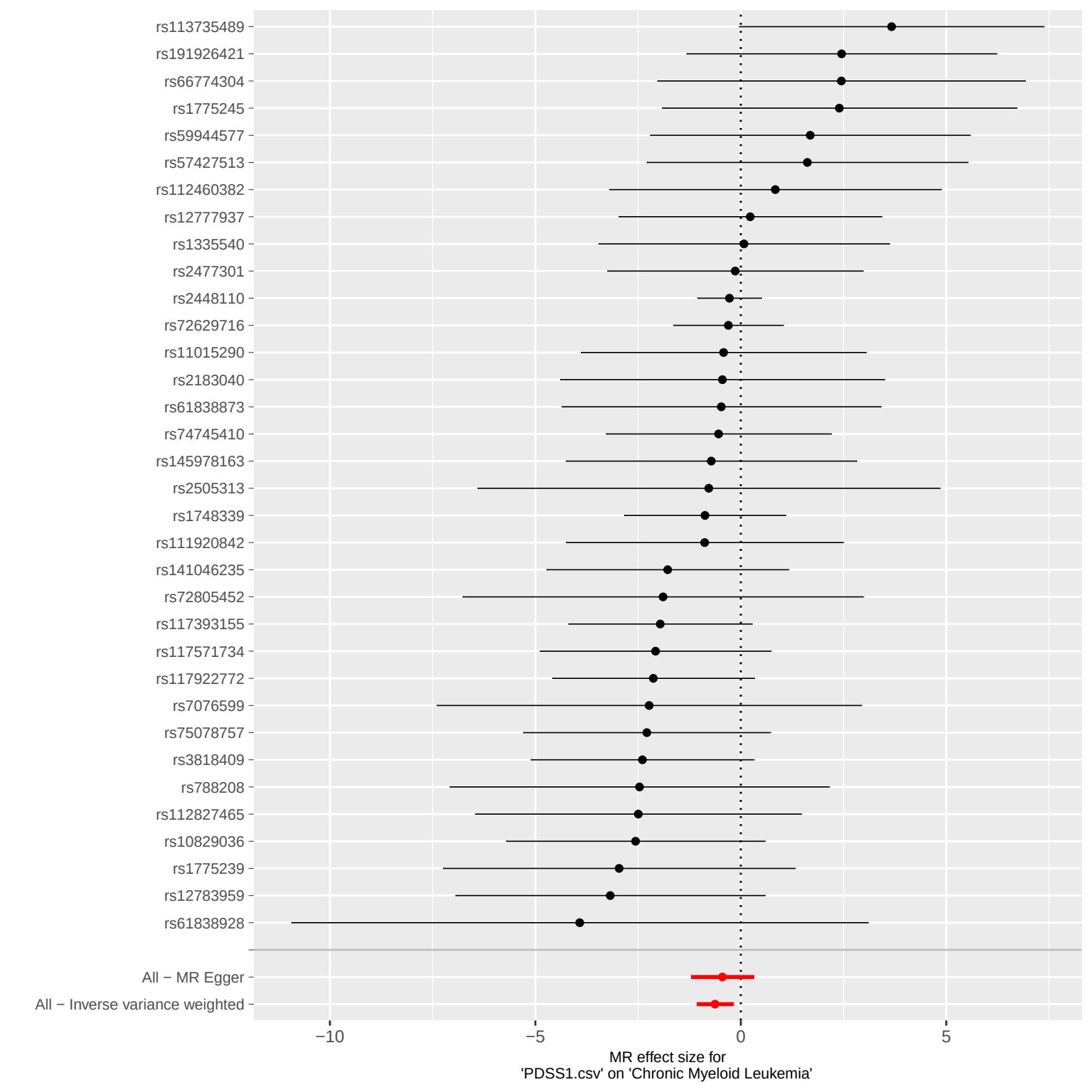
MR effect size for
'PDS5B.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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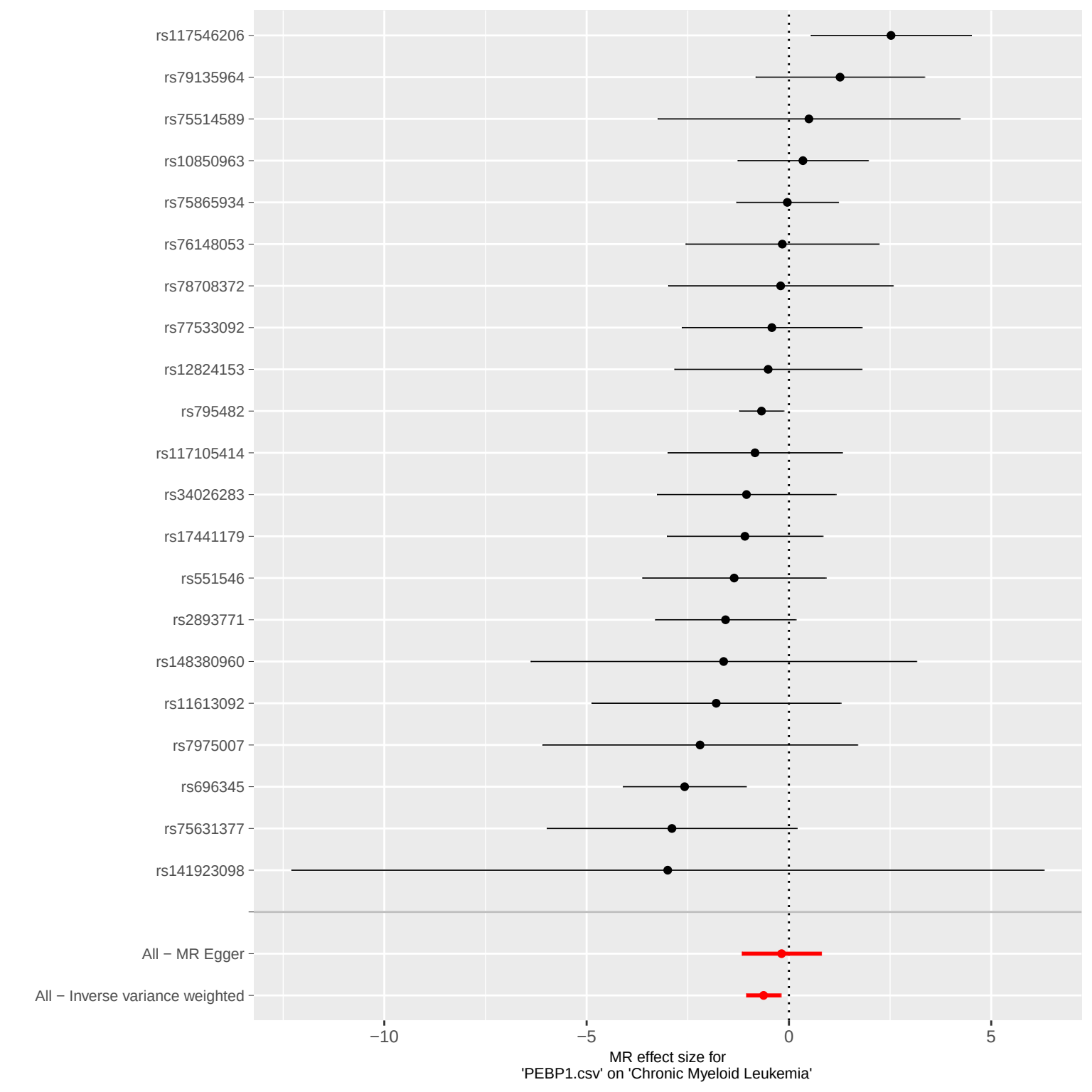
MR effect size for
'PDSS1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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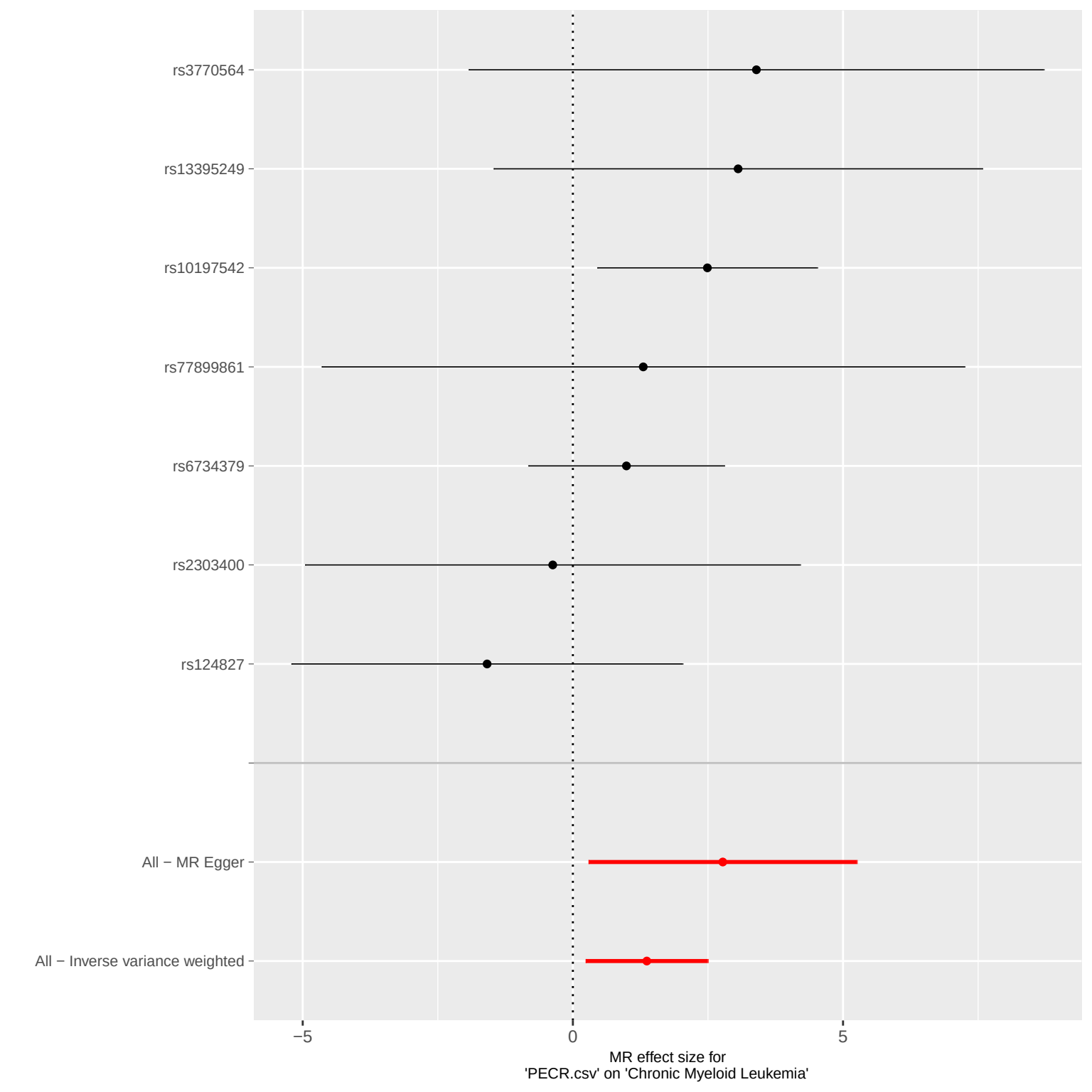
MR effect size for
'PEBP1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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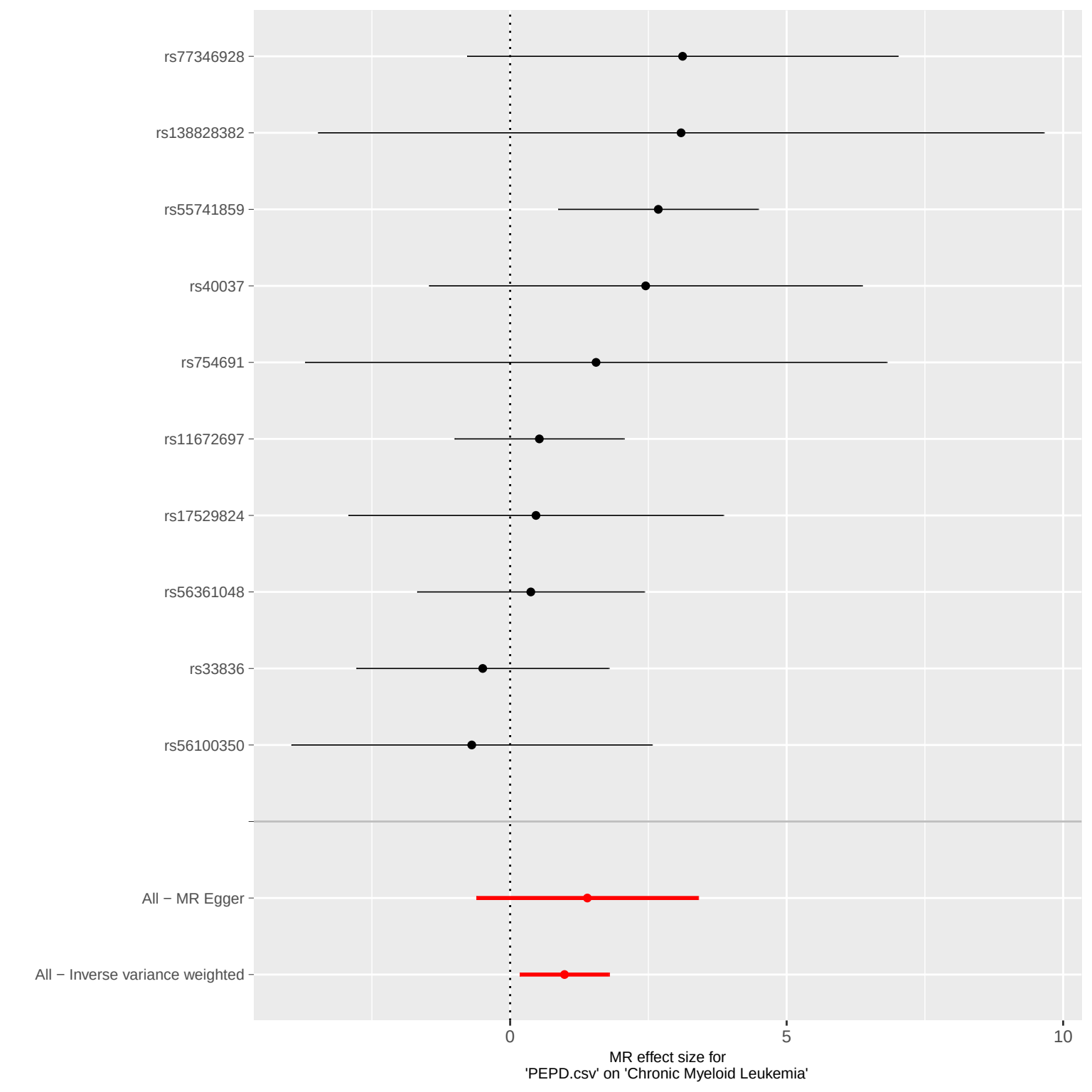
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All − Inverse variance weighted
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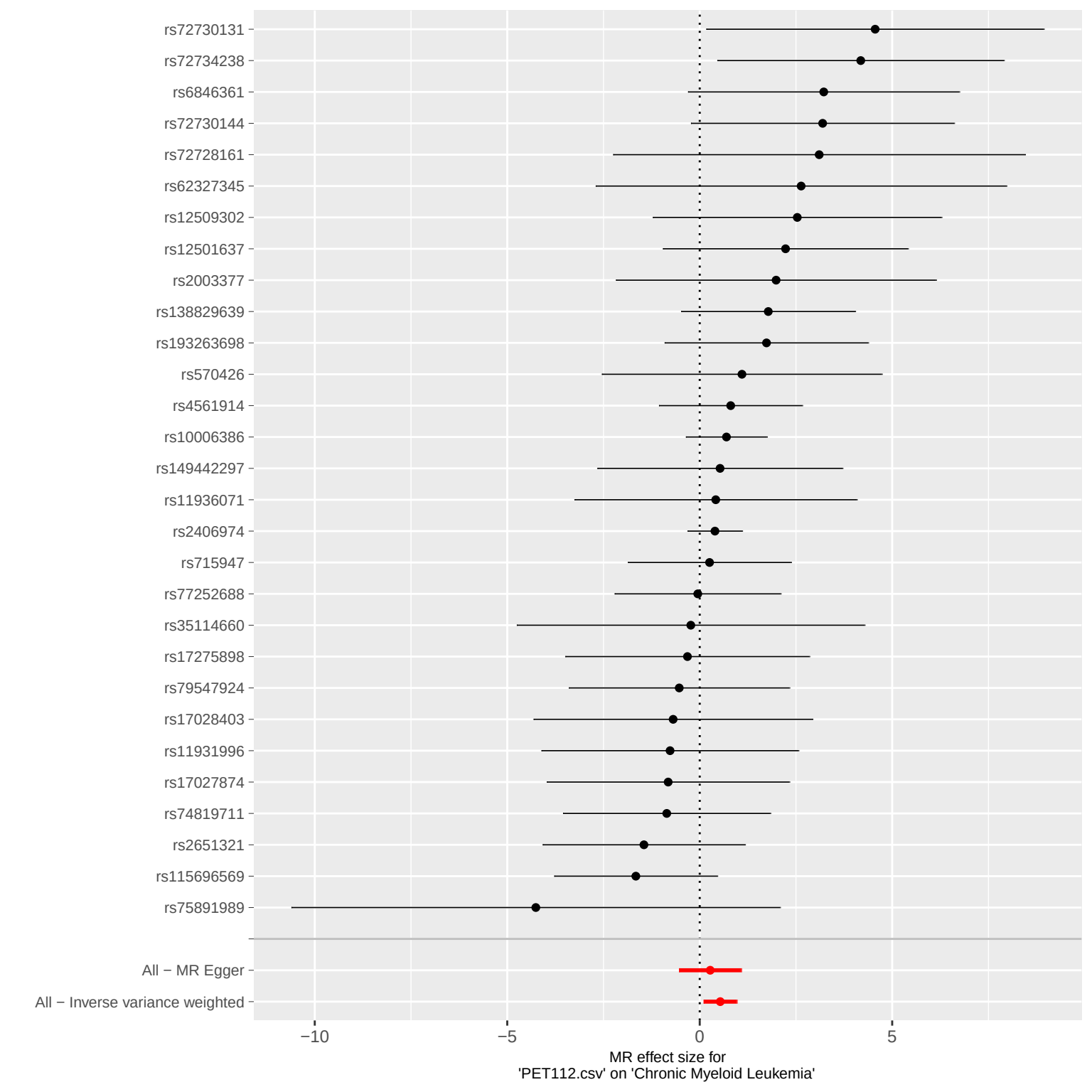
MR effect size for
'PEPD.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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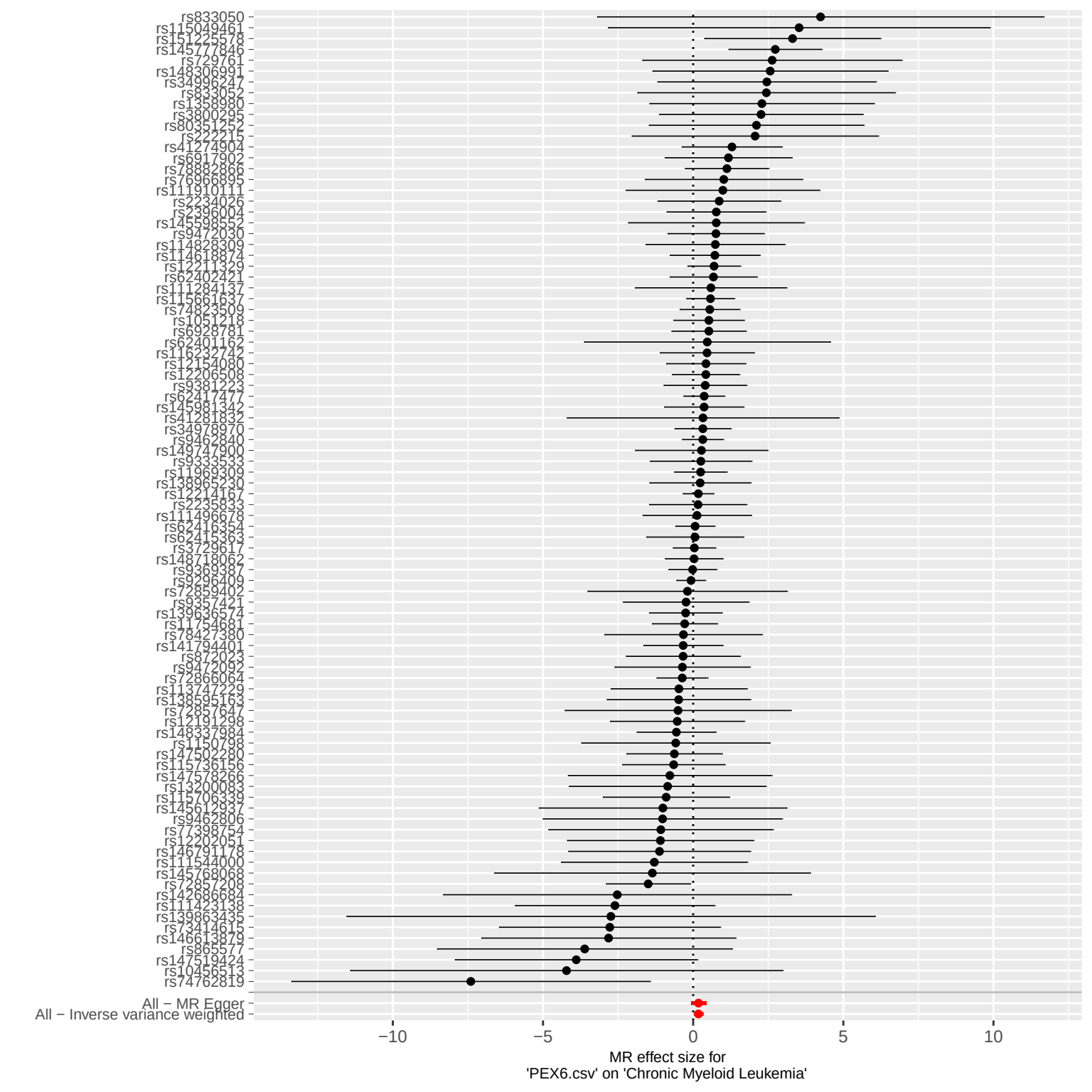
MR effect size for
'PET112.csv' on 'Chronic Myeloid Leukemia'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rs142686684
rs111423138
rs139863435
rs73414615
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rs865577
rs147519424
rs10456513
rs74762819
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All − Inverse variance weighted
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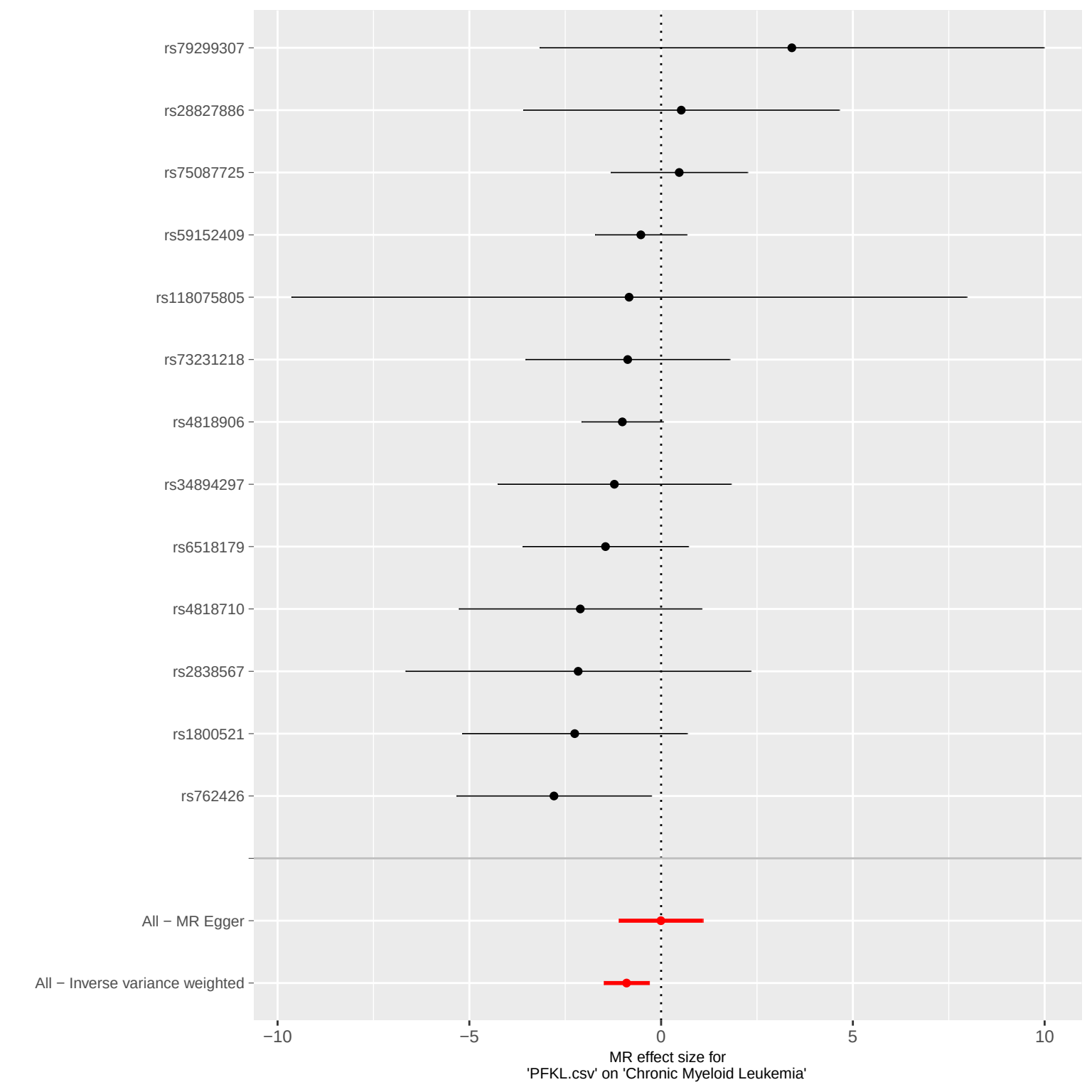
MR effect size for
'PEX6.csv' on 'Chronic Myeloid Leukemia'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rs1800521
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All − MR Egger
All − Inverse variance weighted
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−5
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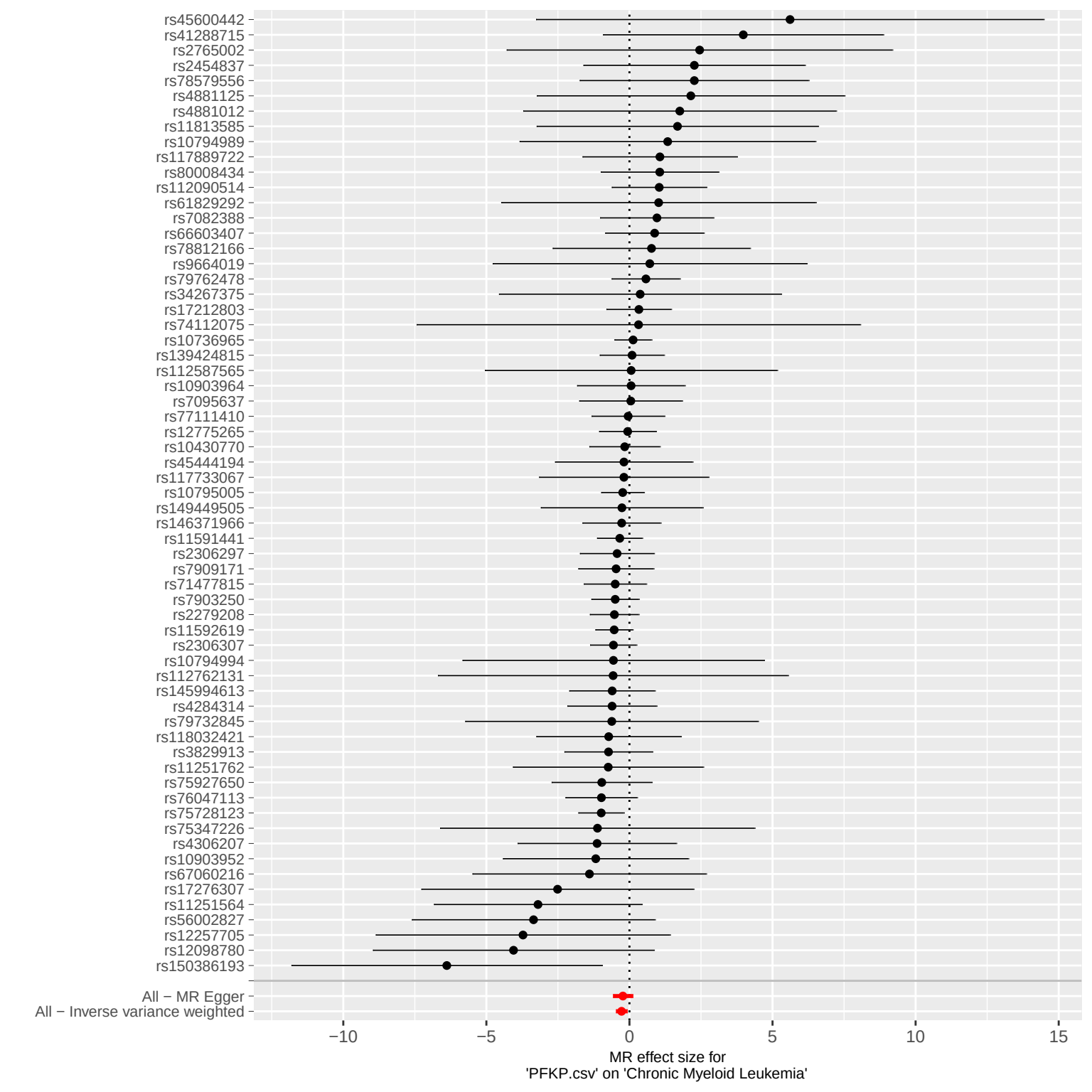
MR effect size for
'PFKL.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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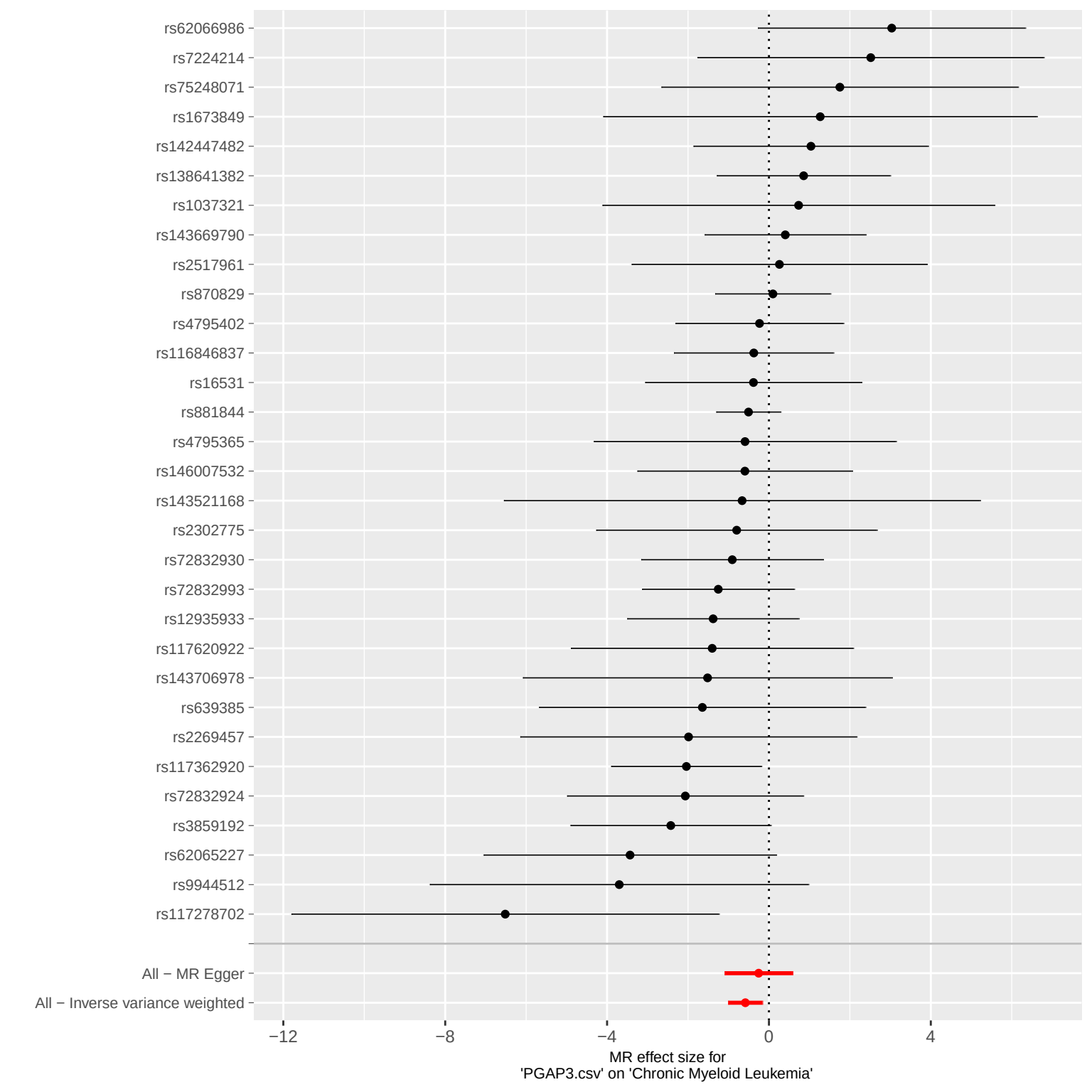
MR effect size for
'PFKP.csv' on 'Chronic Myeloid Leukemia'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rs12935933
rs117620922
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rs639385
rs2269457
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rs3859192
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rs9944512
rs117278702
All − MR Egger
All − Inverse variance weighted
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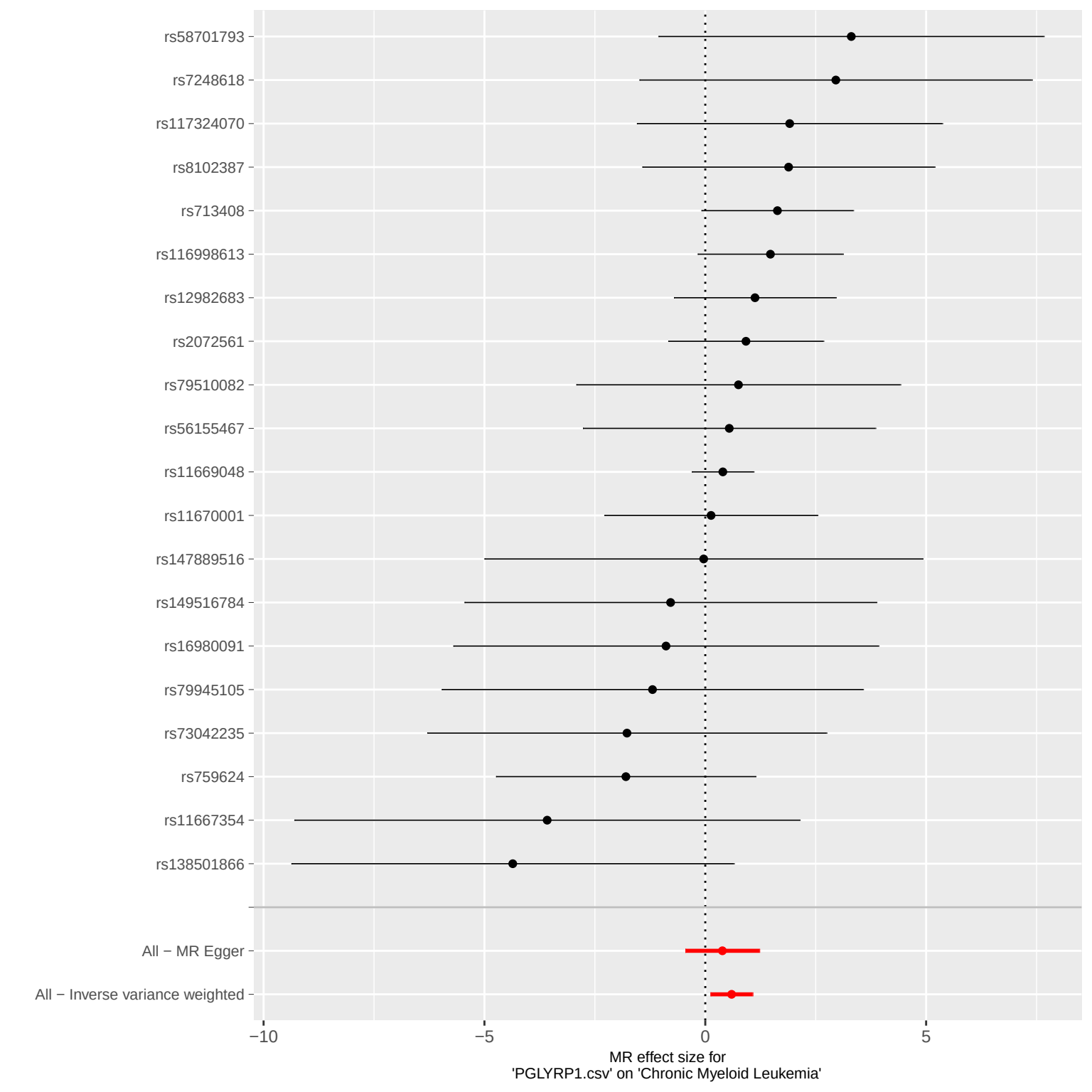
MR effect size for
'PGAP3.csv' on 'Chronic Myeloid Leukemia'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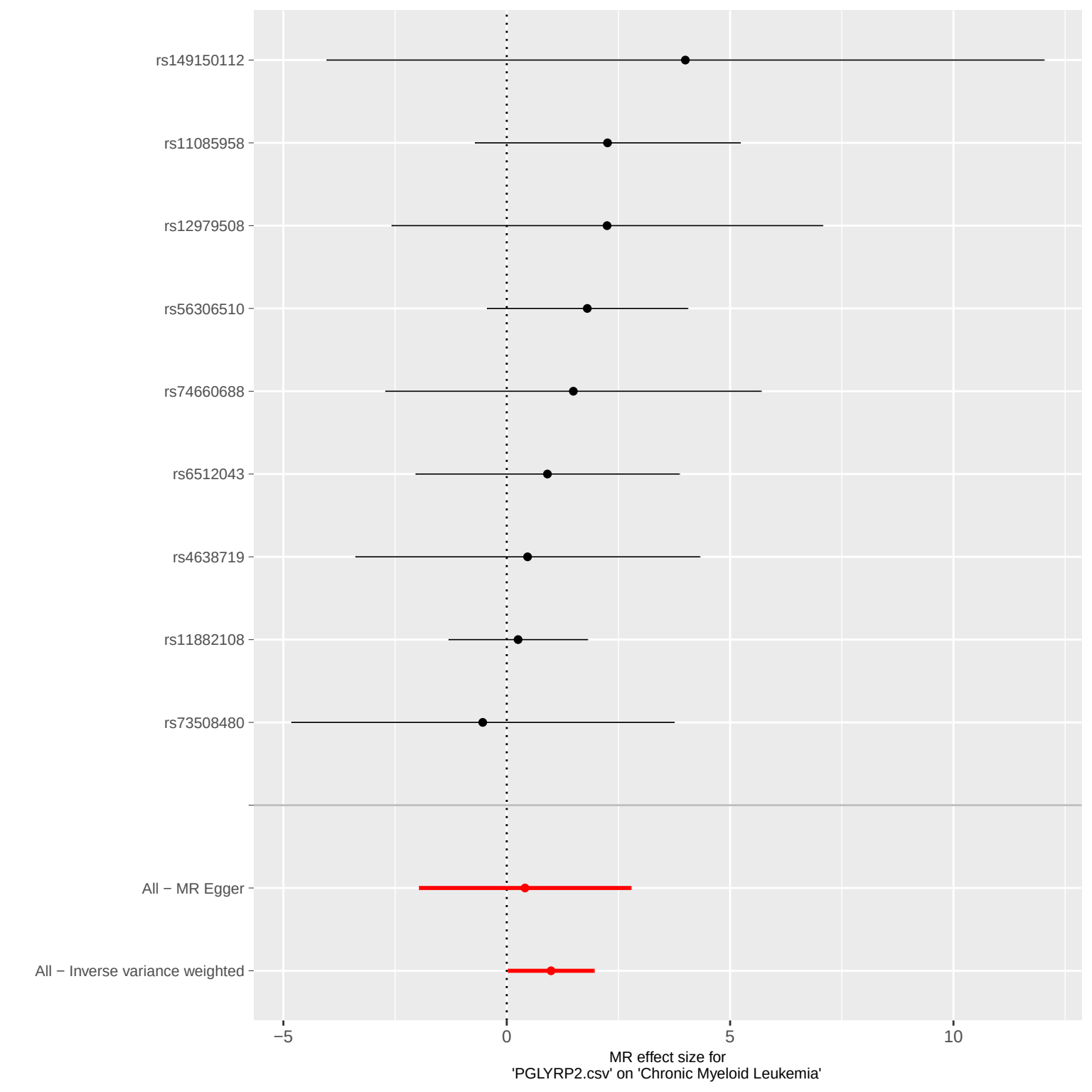
rs79945105
rs73042235
rs759624
rs11667354
rs138501866
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'PGLYRP1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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5
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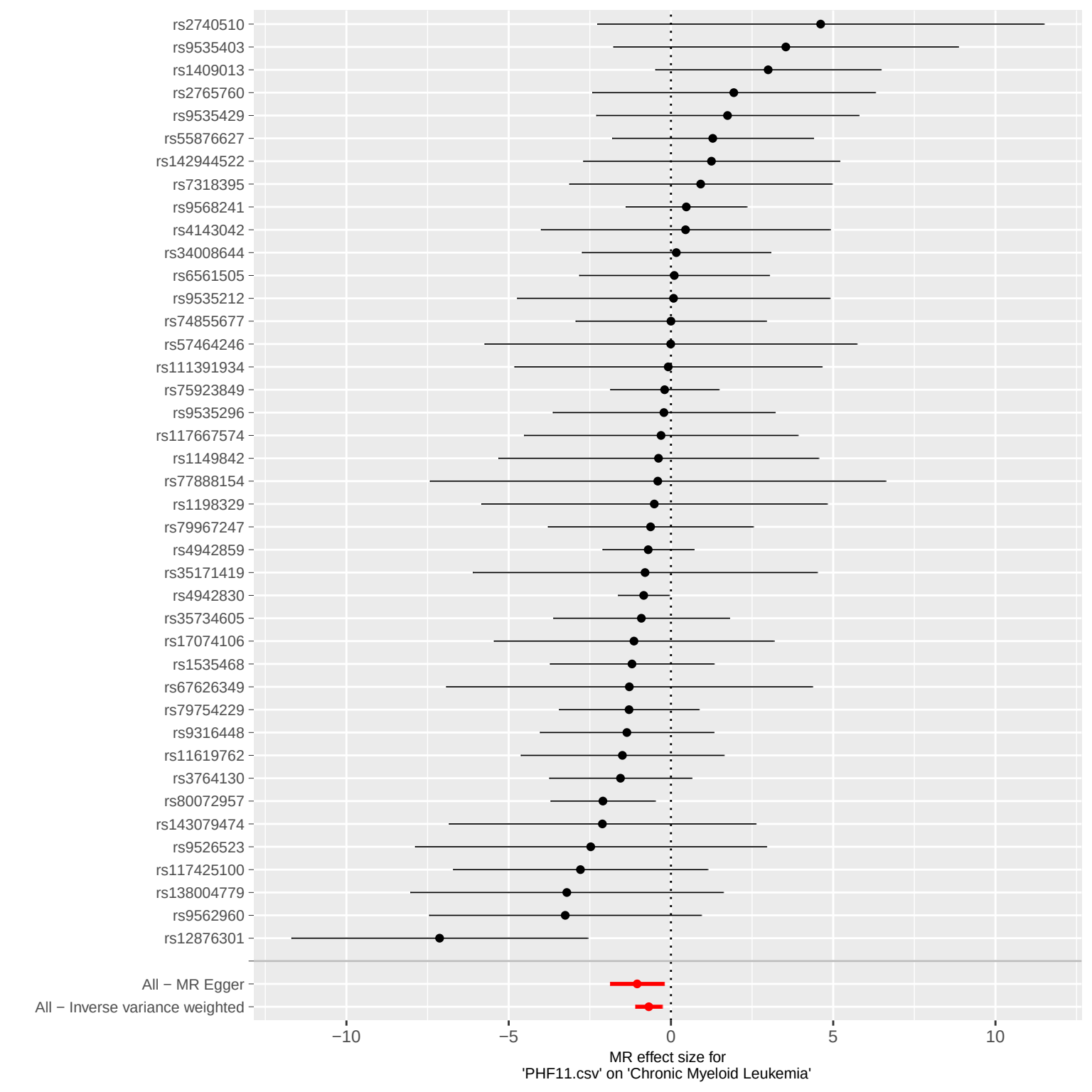
MR effect size for
'PGLYRP2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
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5
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MR effect size for
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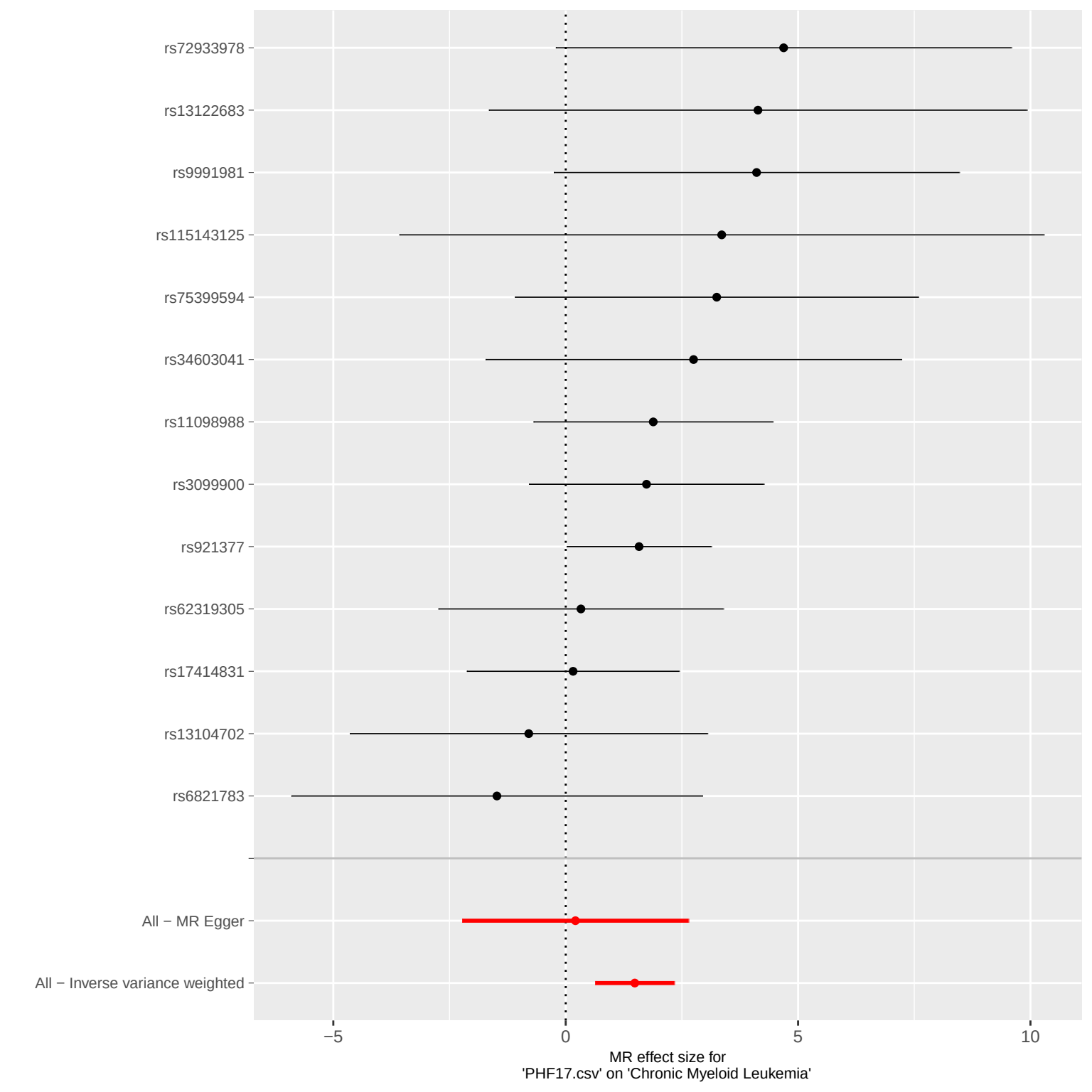
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rs13104702
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All − MR Egger
All − Inverse variance weighted
−5
0
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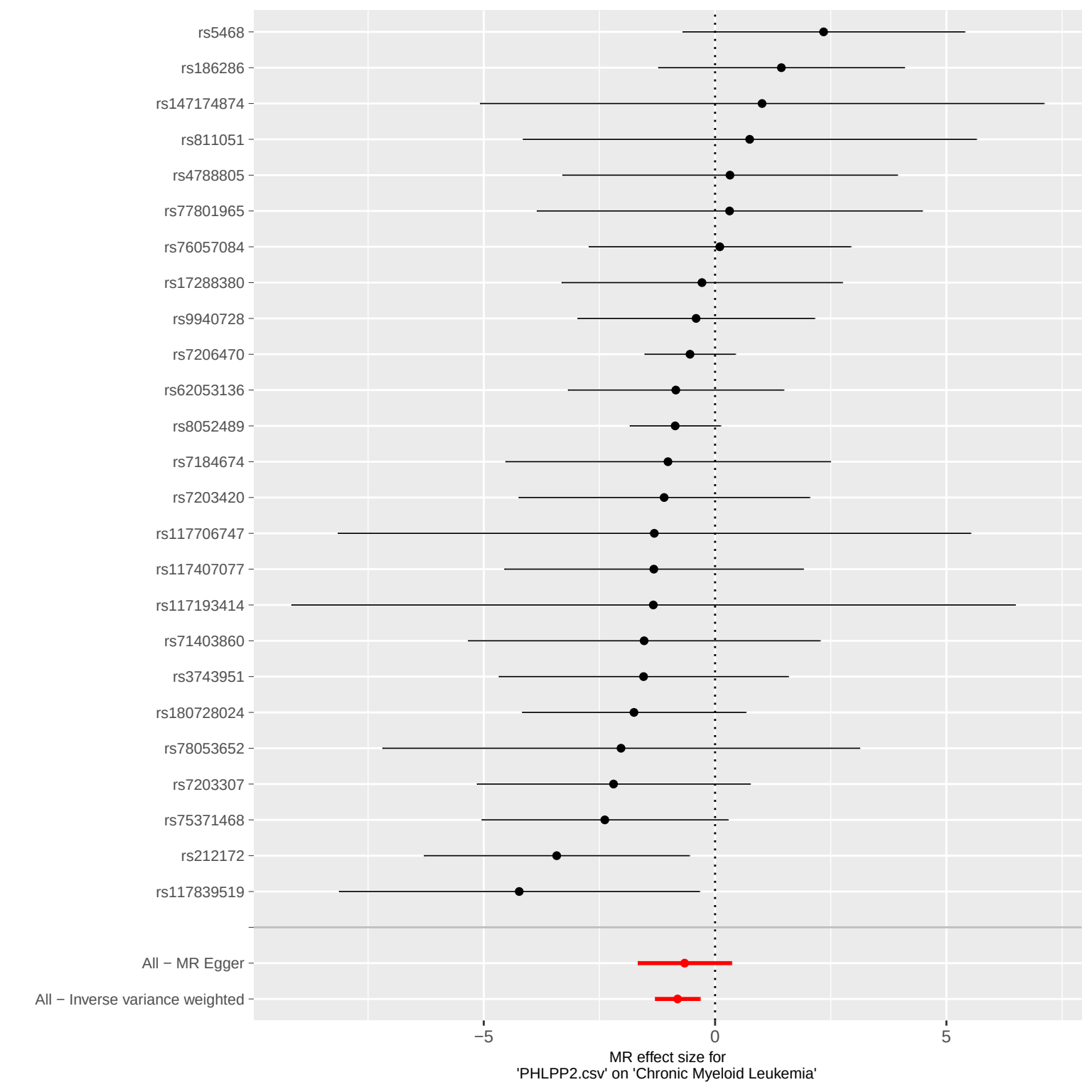
MR effect size for
'PHF17.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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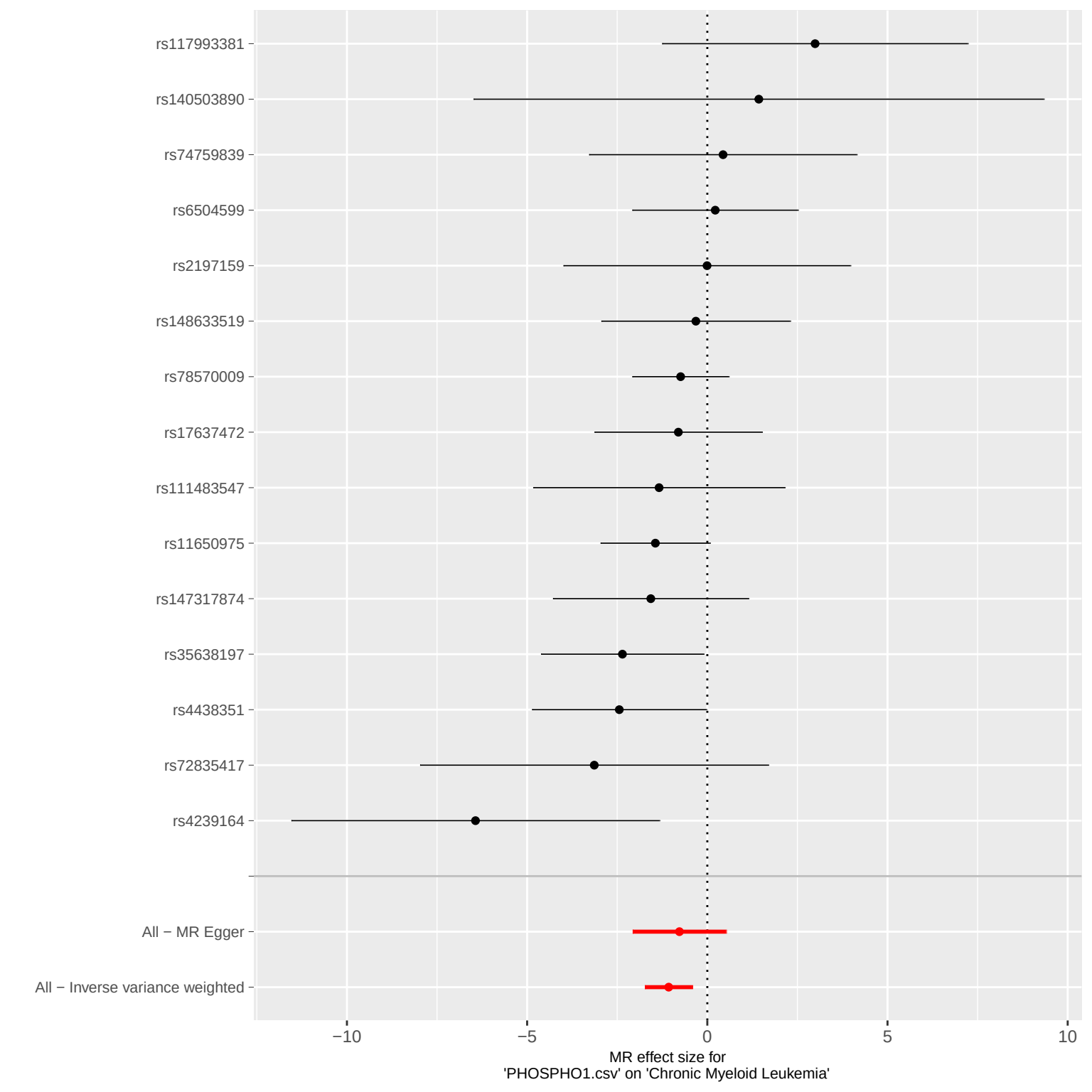
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rs35638197
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rs72835417
rs4239164
All − MR Egger
All − Inverse variance weighted
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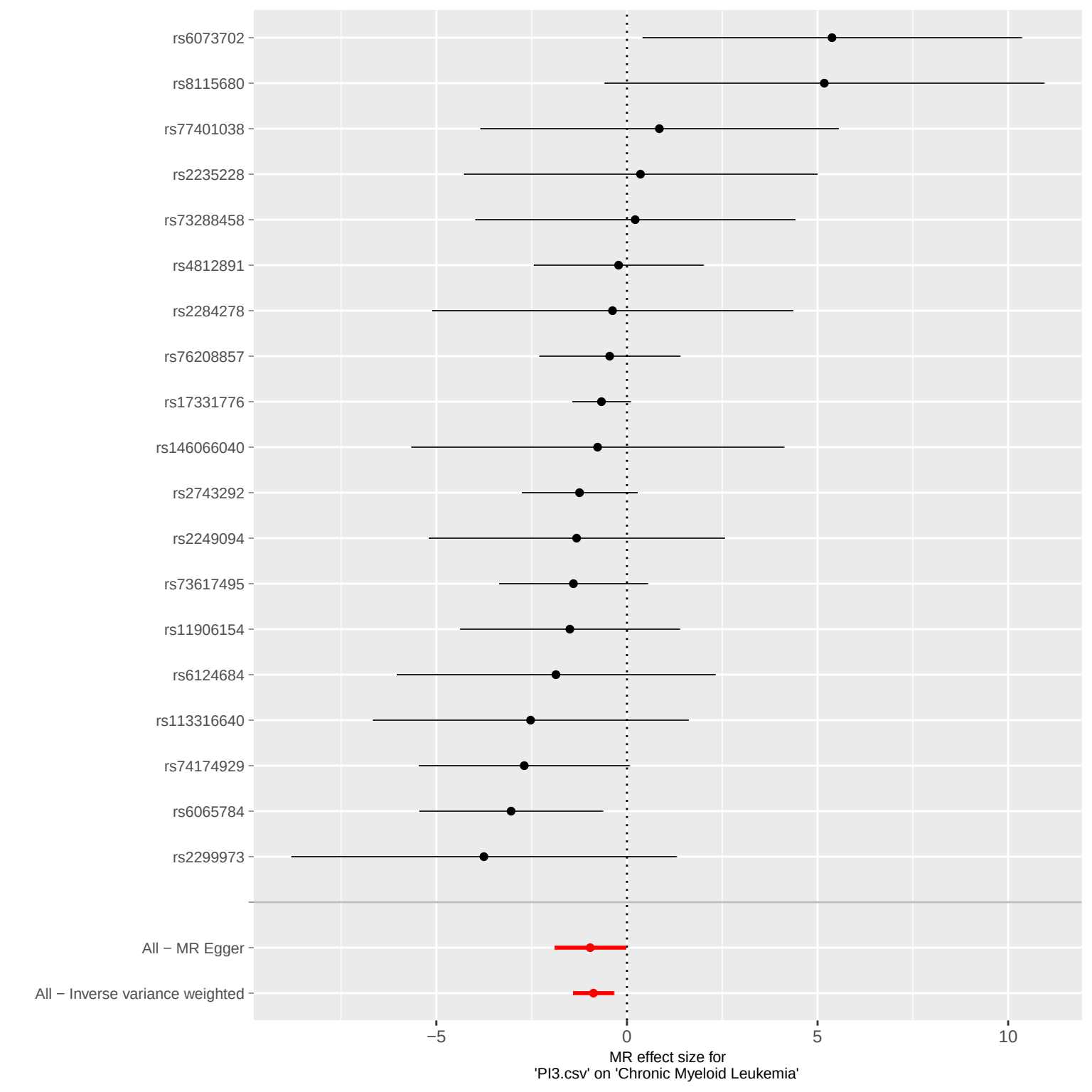
MR effect size for
'PHOSPHO1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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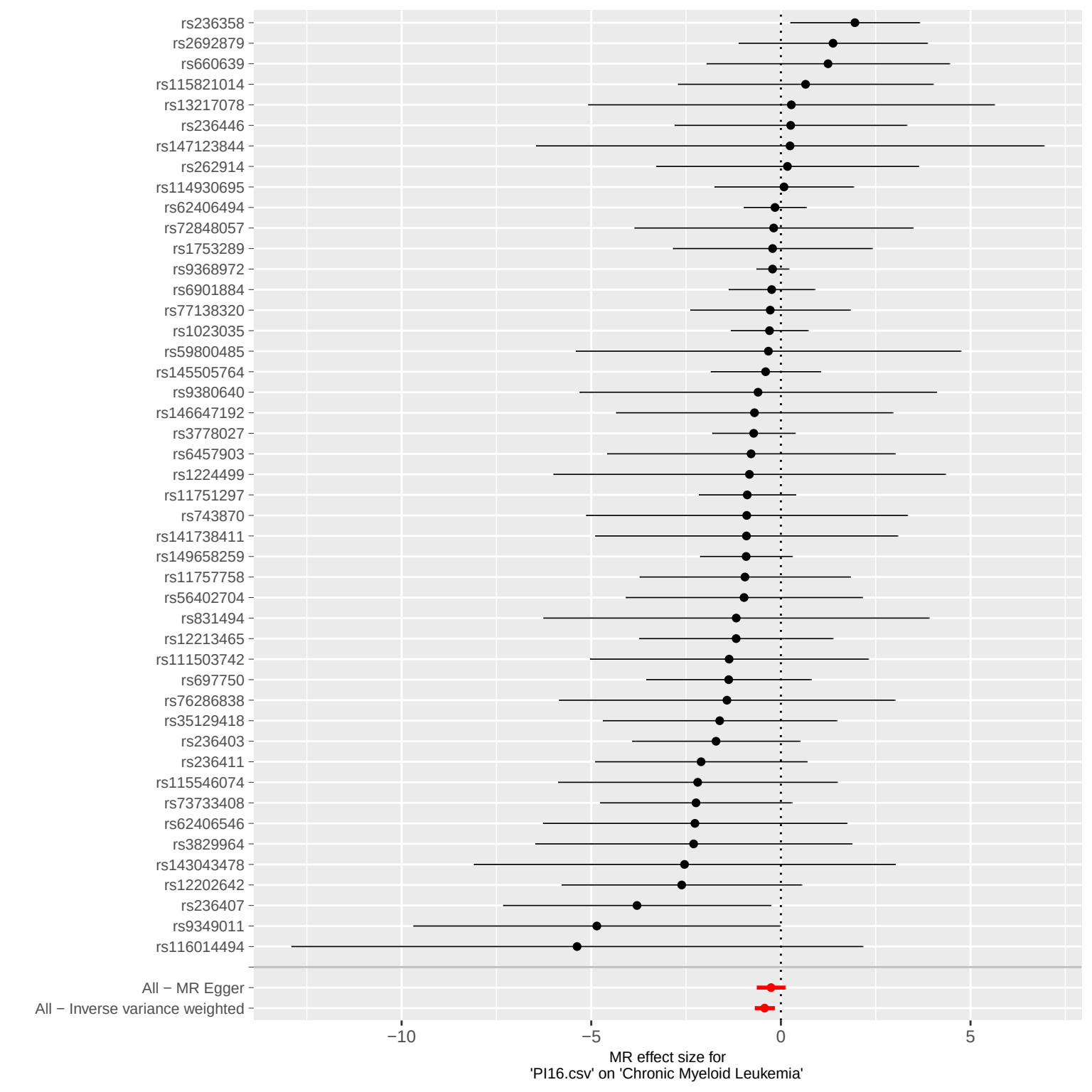
MR effect size for
'PI3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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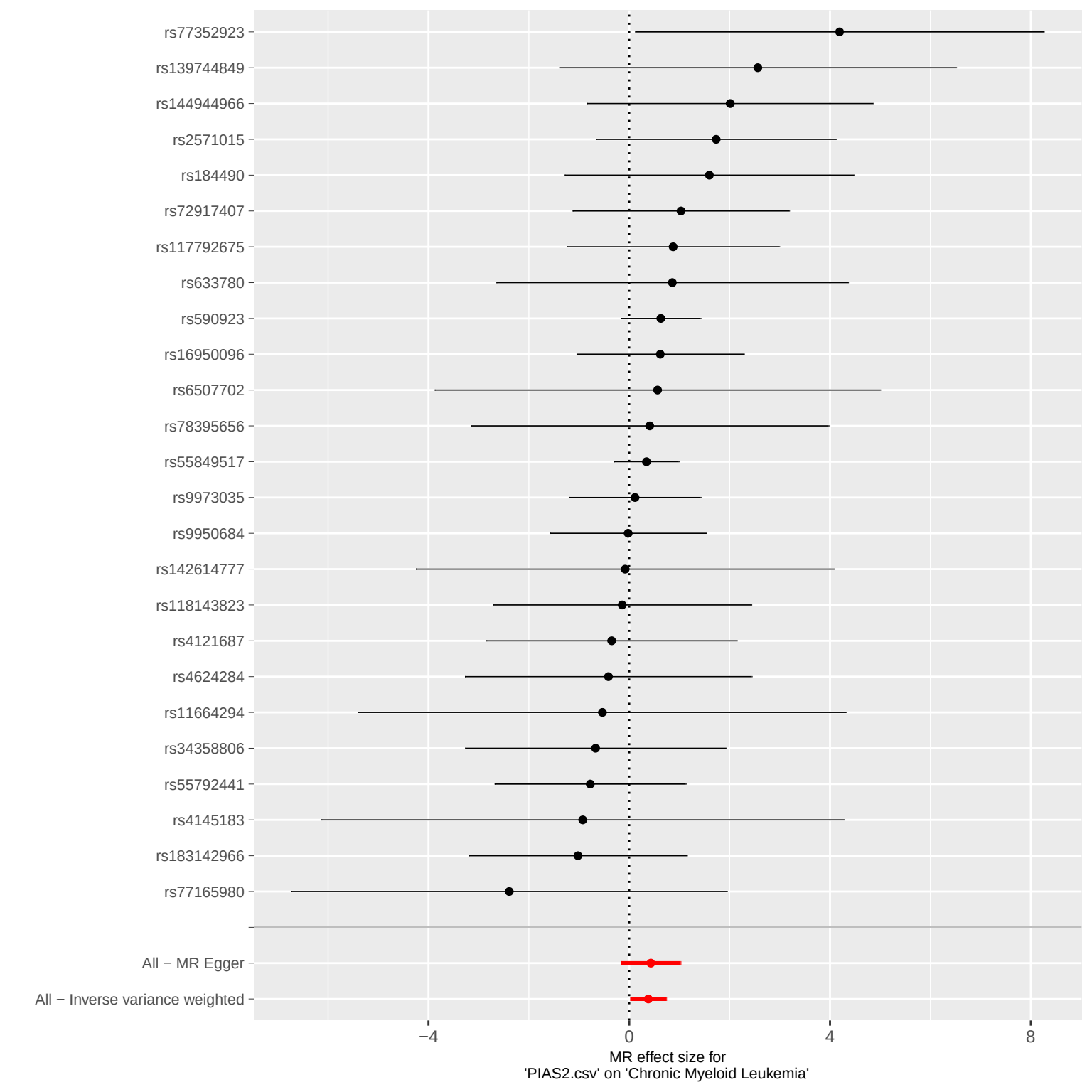
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rs4145183
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All − Inverse variance weighted
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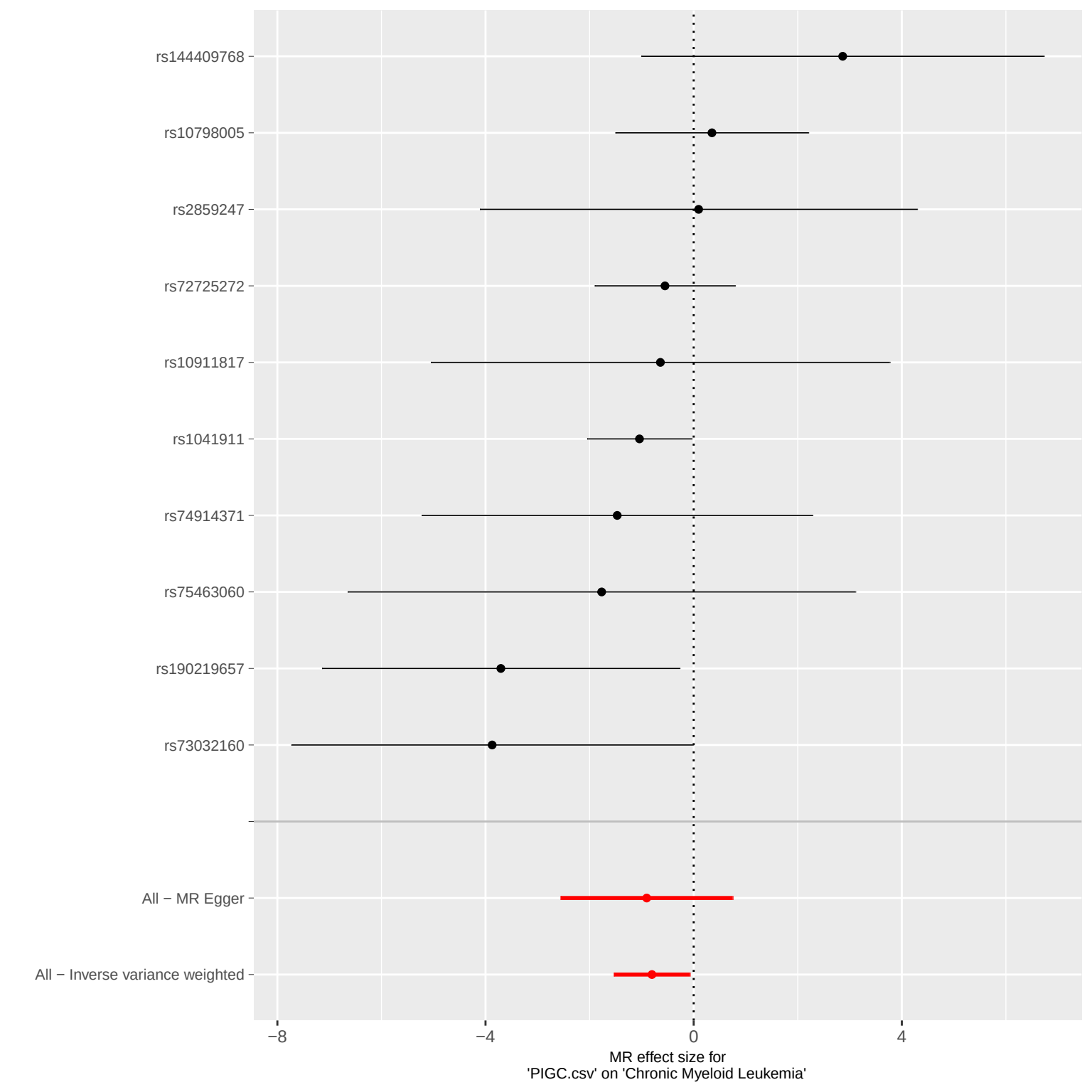
MR effect size for
'PIAS2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−4
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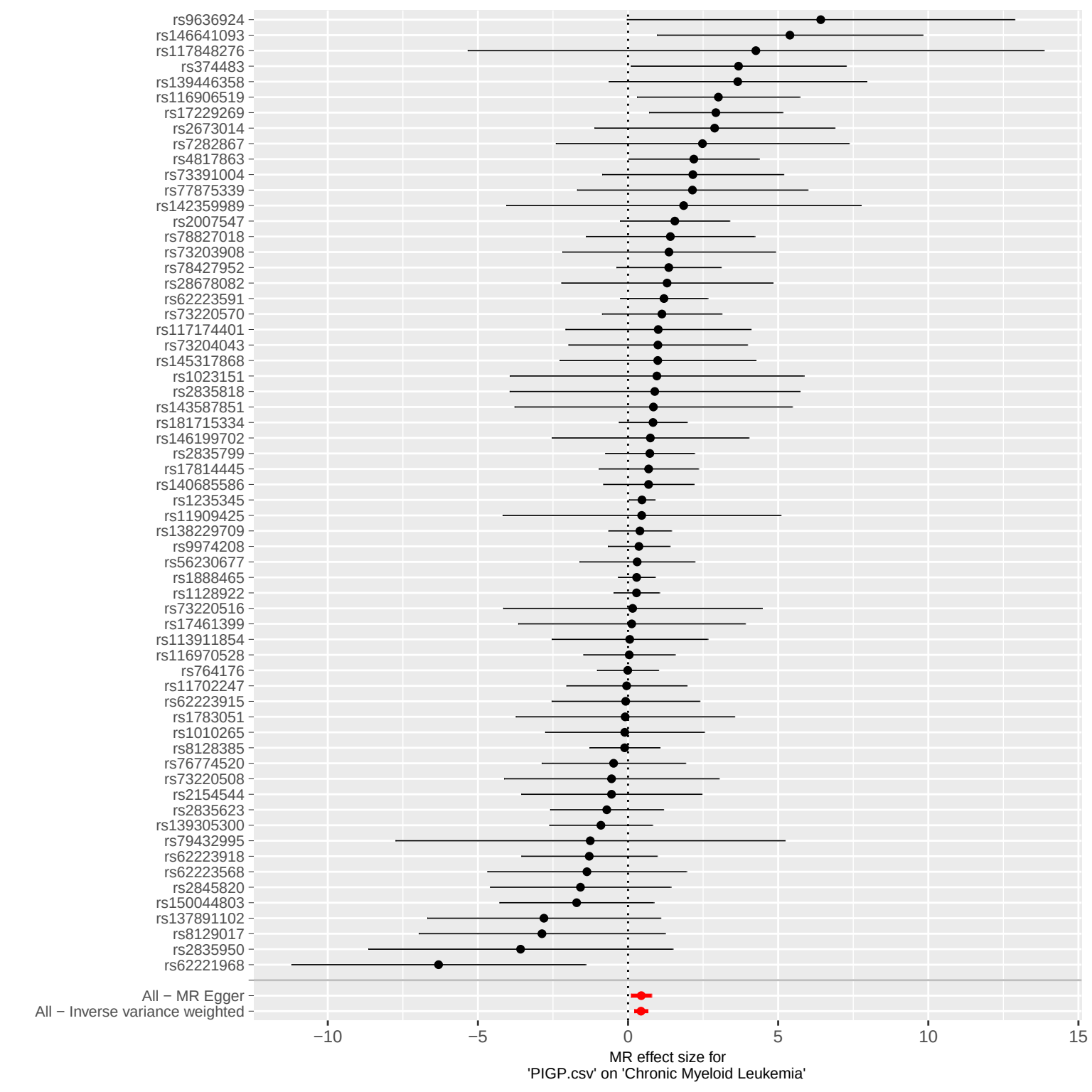
MR effect size for
'PIGC.csv' on 'Chronic Myeloid Leukemia'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rs62221968
All − MR Egger
All − Inverse variance weighted
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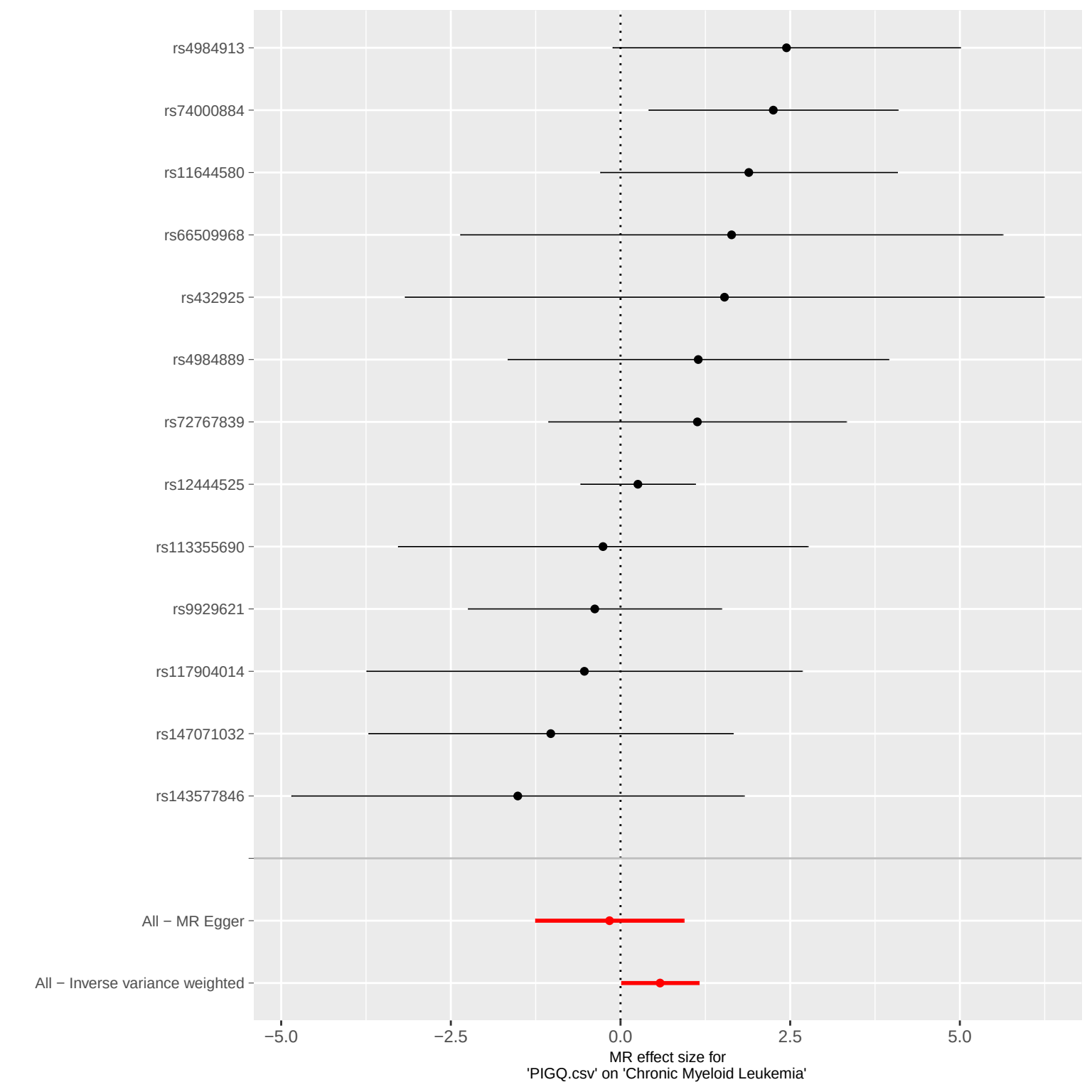
MR effect size for
'PIGP.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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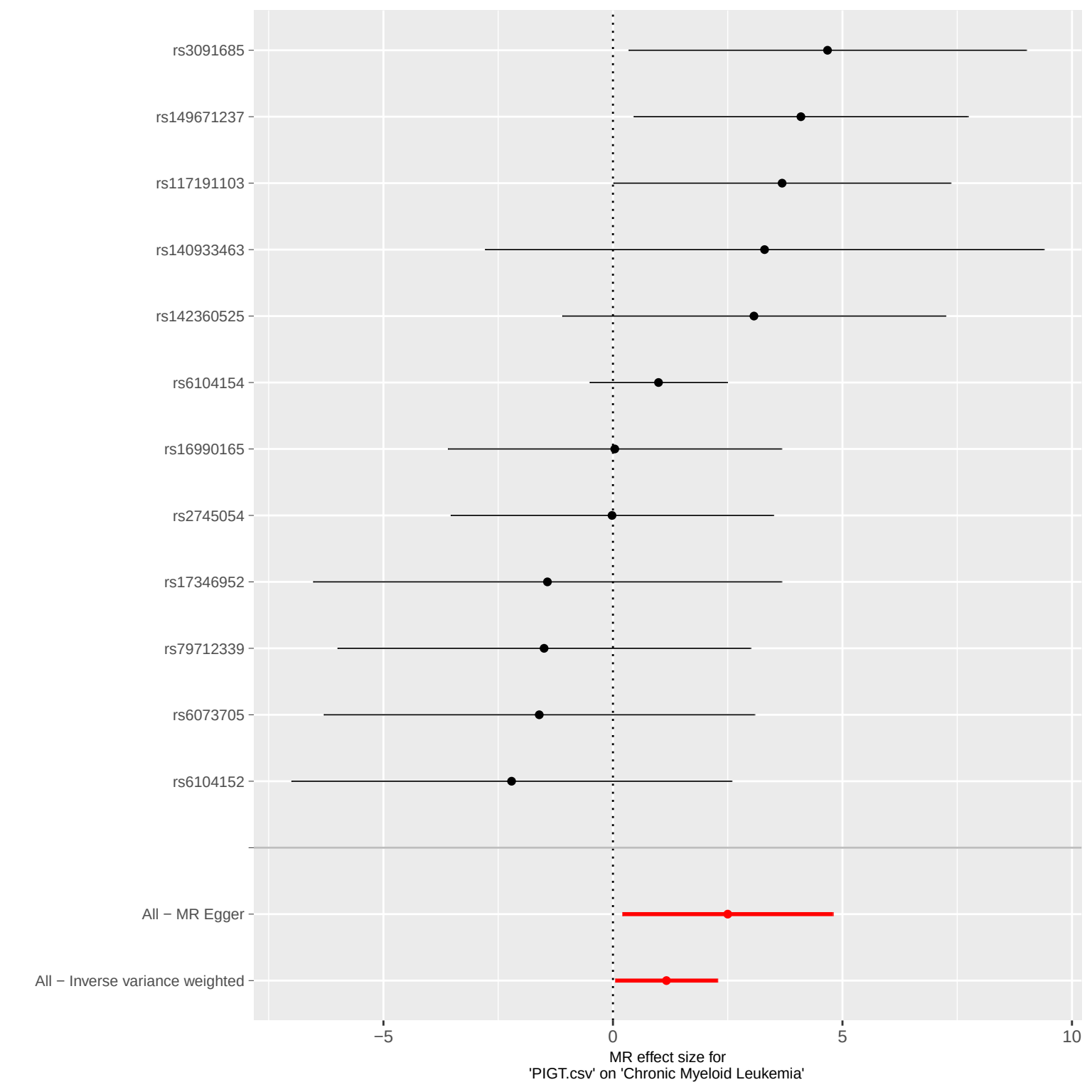
0.0
2.5
5.0
MR effect size for
'PIGQ.csv' on 'Chronic Myeloid Leukemia'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rs6073705
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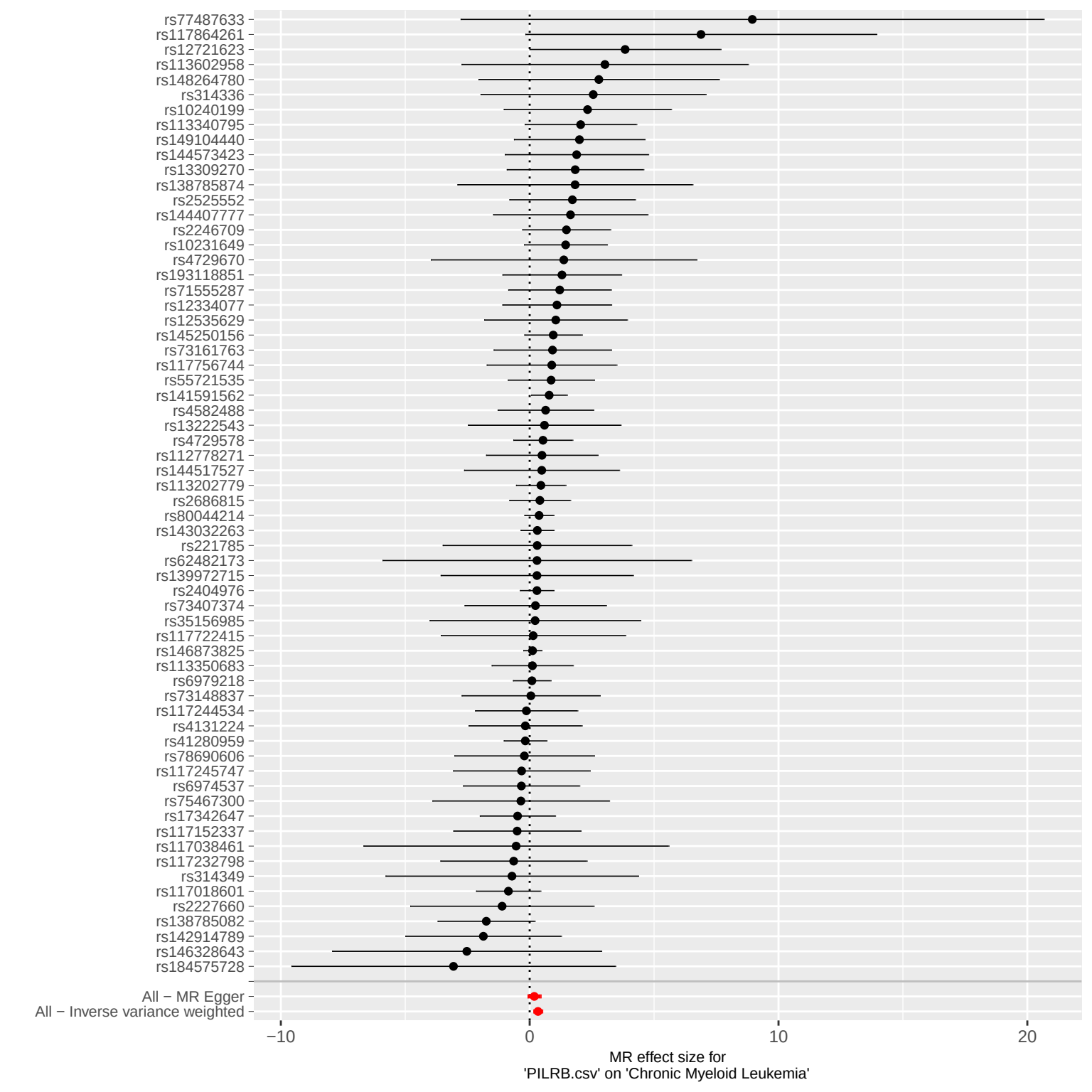
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'PIGT.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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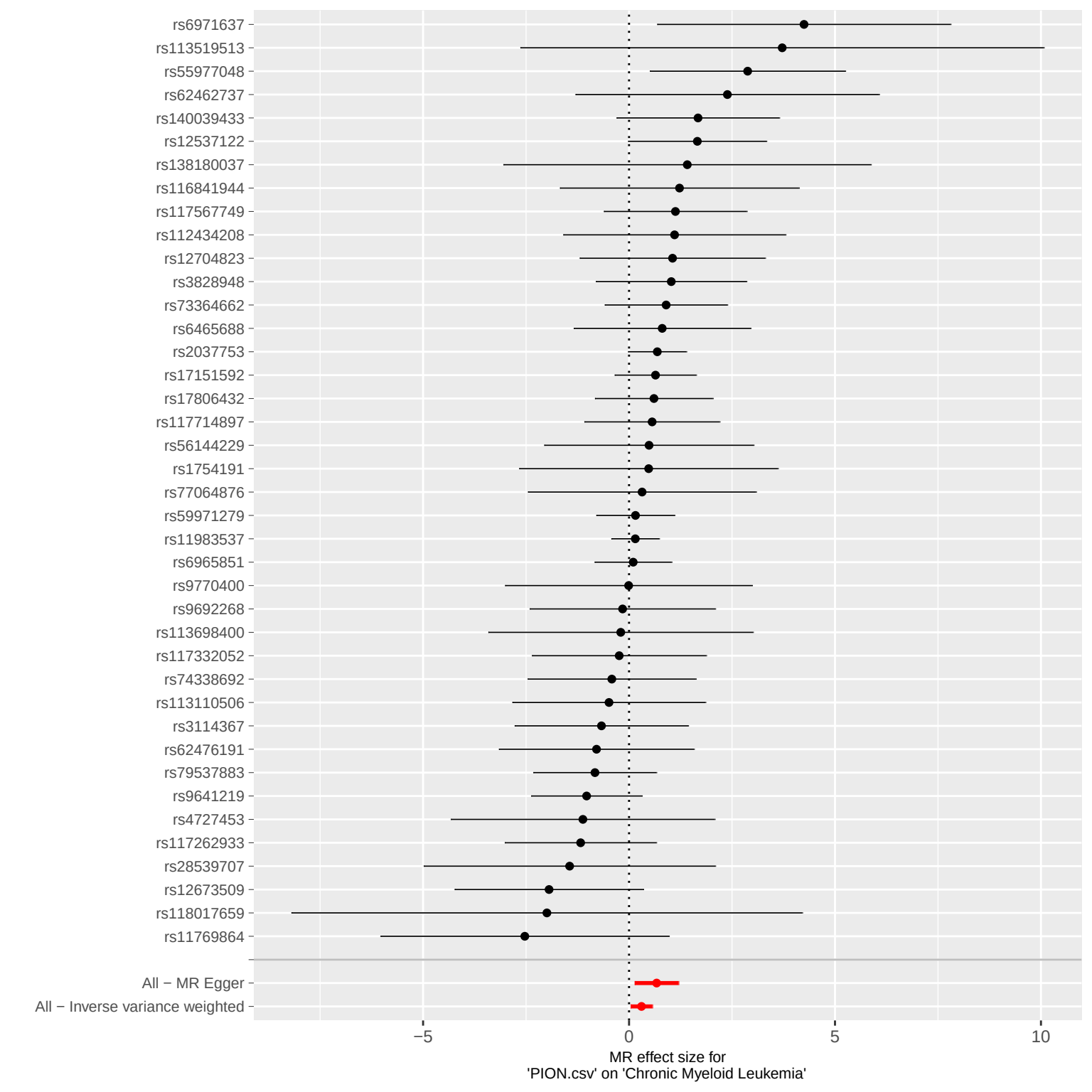
MR effect size for
'PILRB.csv' on 'Chronic Myeloid Leukemia'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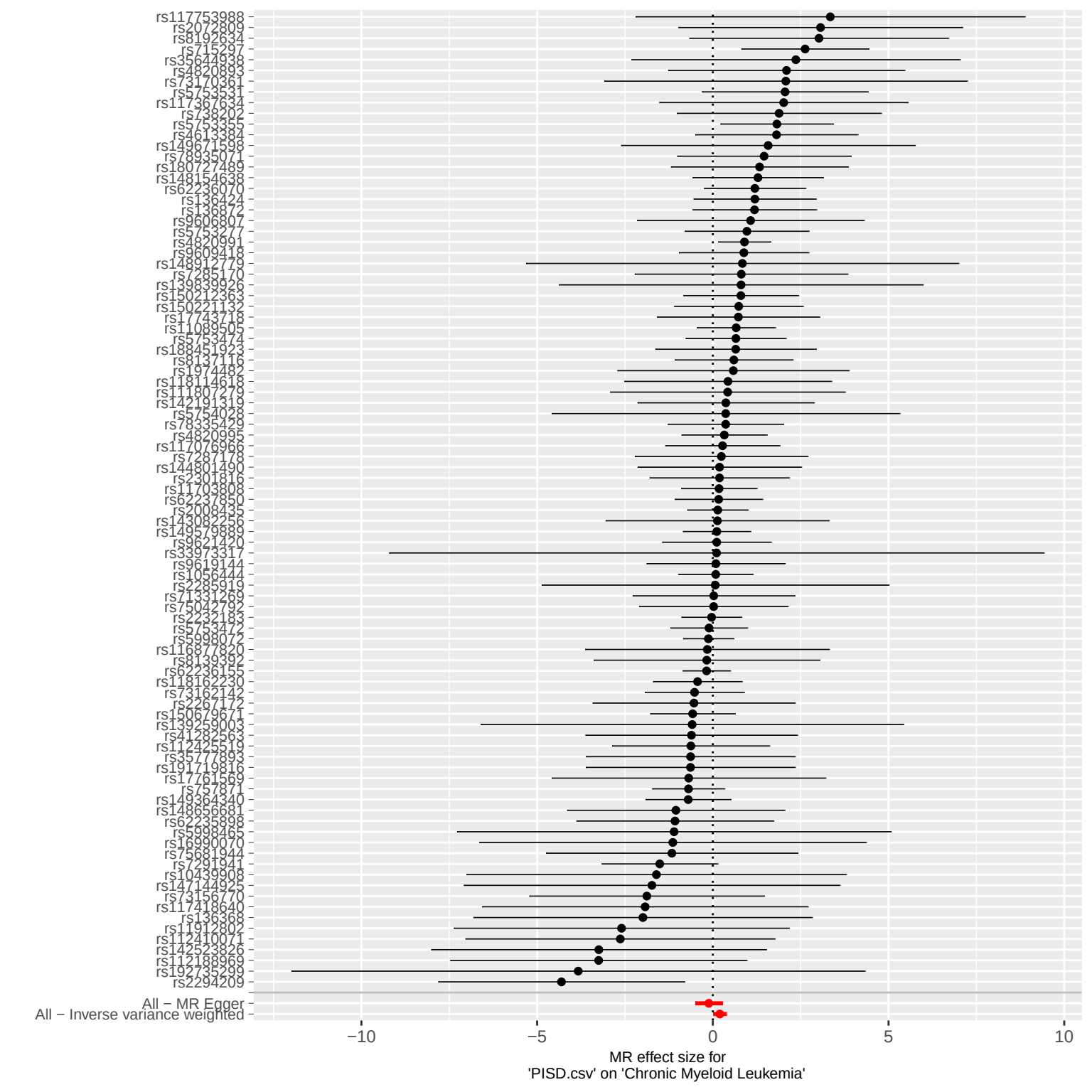
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'PION.csv' on 'Chronic Myeloid Leukemia'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rs142523826
rs112188969
rs192735299
rs2294209
All − MR Egger
All − Inverse variance weighted
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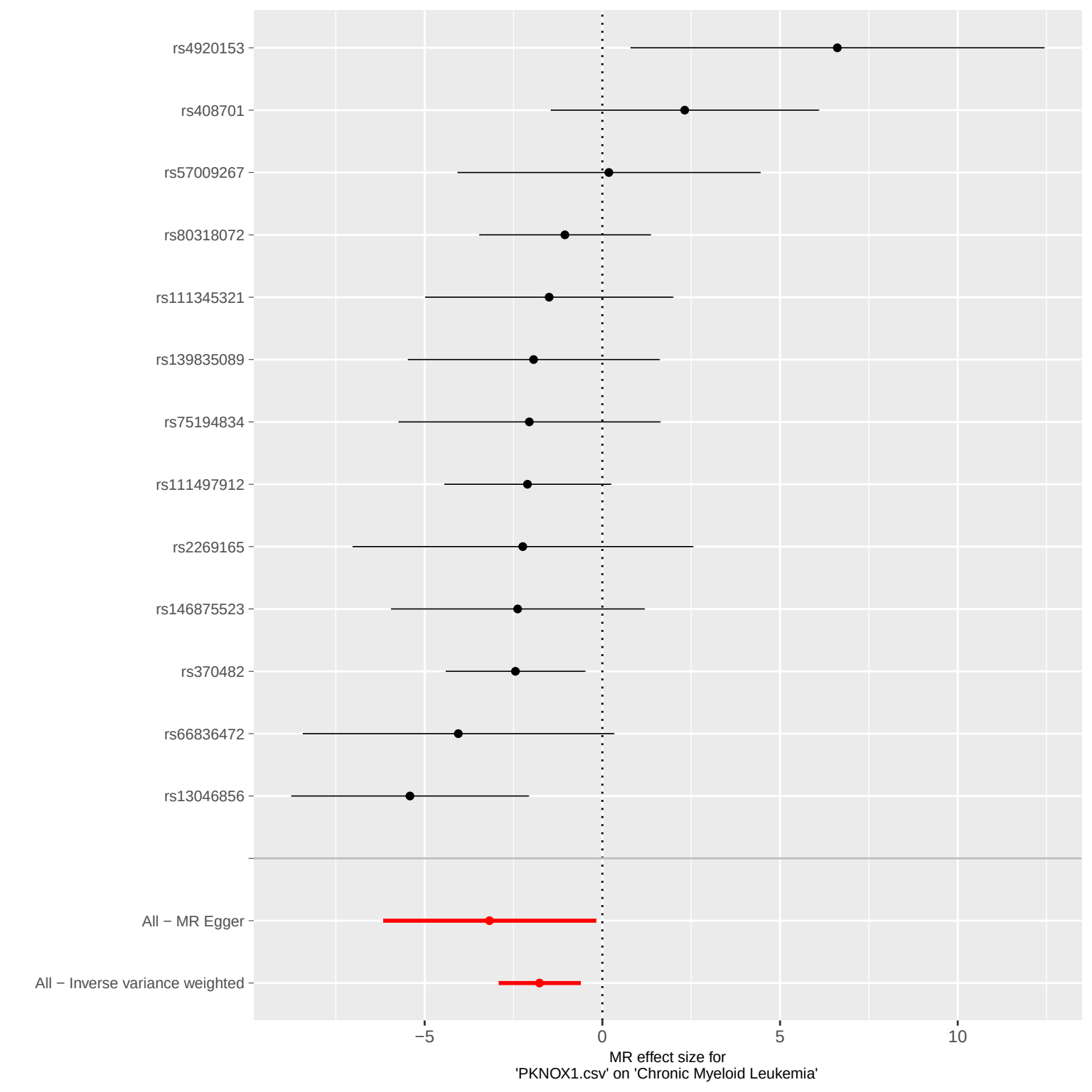
MR effect size for
'PISD.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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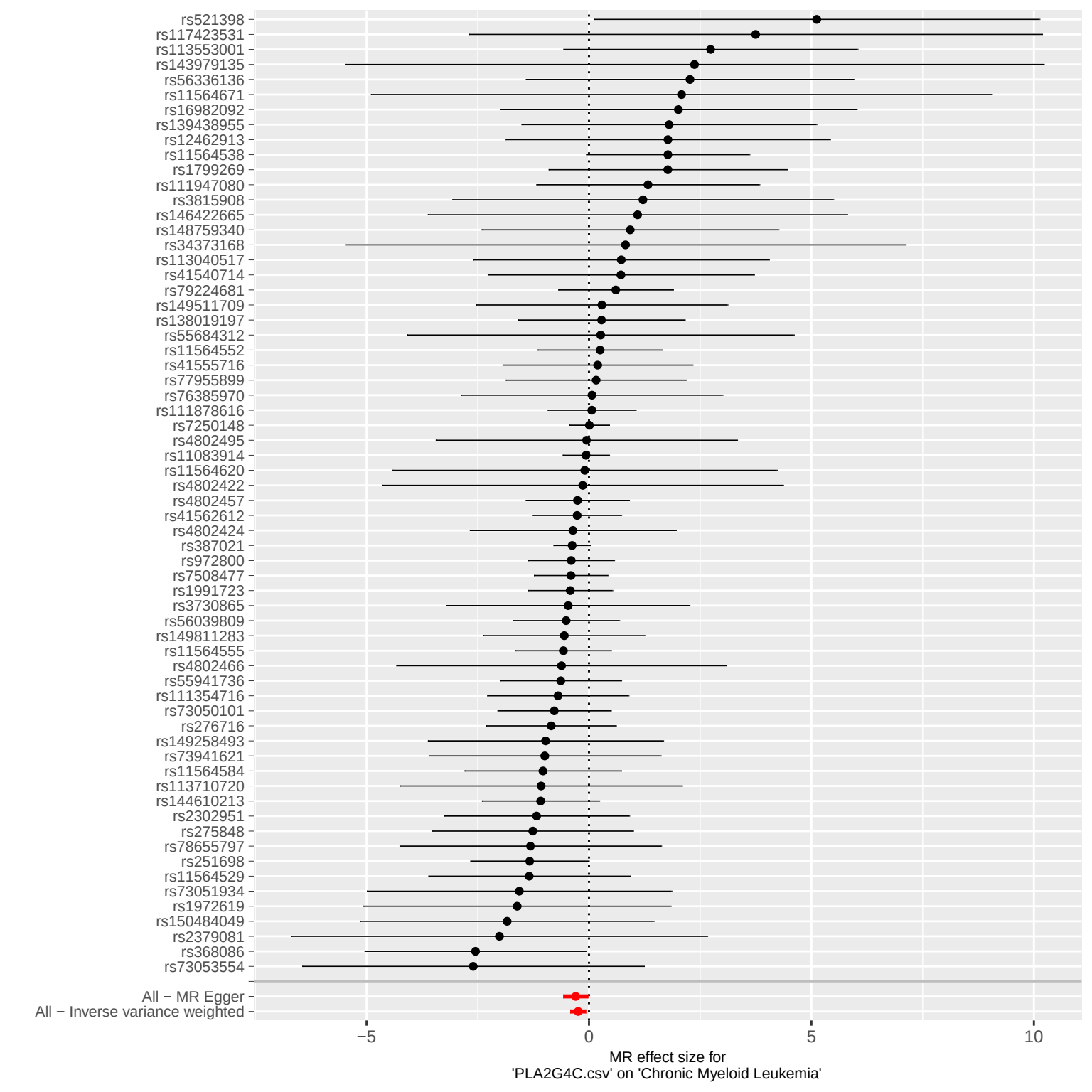
MR effect size for
'PKNOX1.csv' on 'Chronic Myeloid Leukemia'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rs368086
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All − MR Egger
All − Inverse variance weighted
−5
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5
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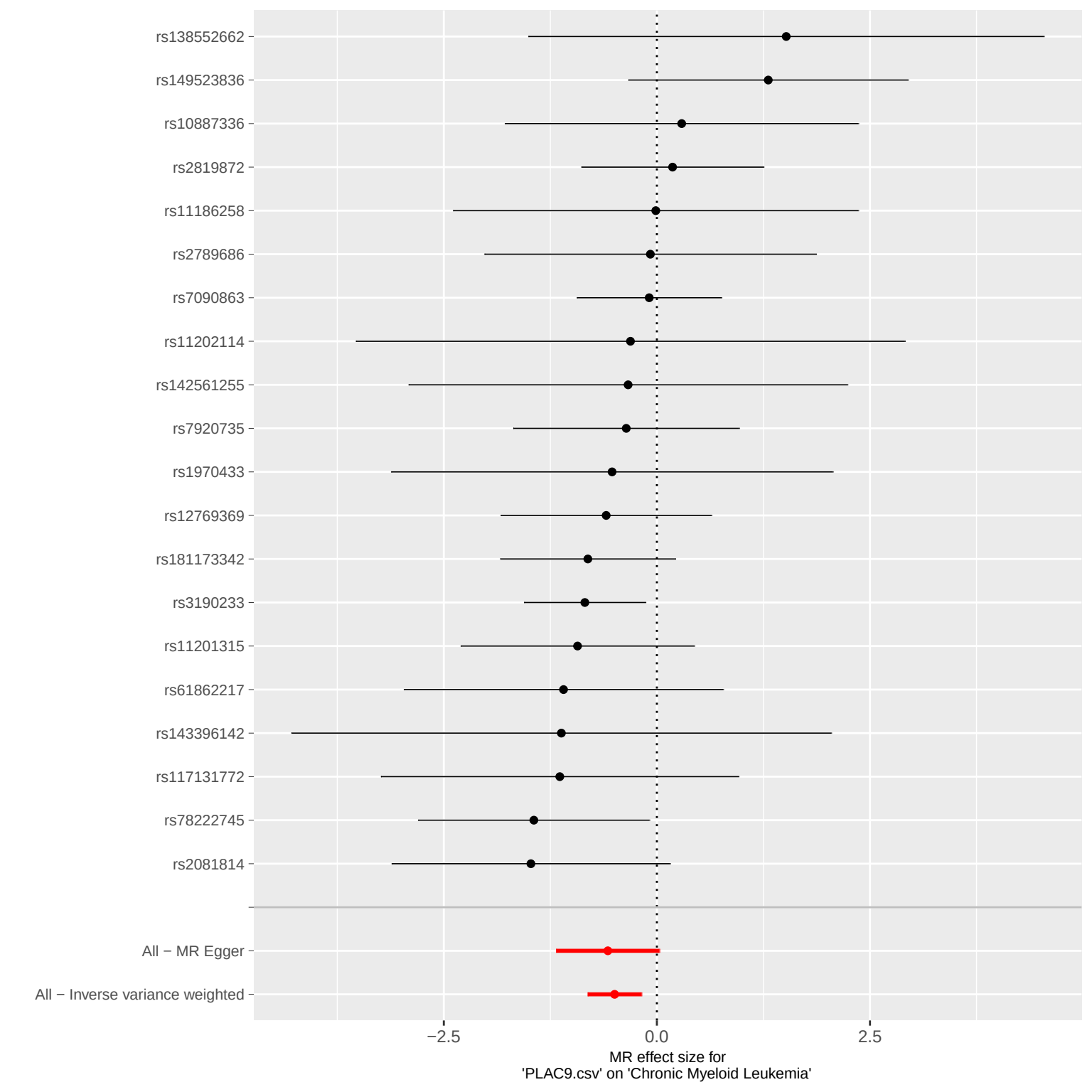
MR effect size for
'PLA2G4C.csv' on 'Chronic Myeloid Leukemia'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rs12769369
rs181173342
rs3190233
rs11201315
rs61862217
rs143396142
rs117131772
rs78222745
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All − MR Egger
All − Inverse variance weighted
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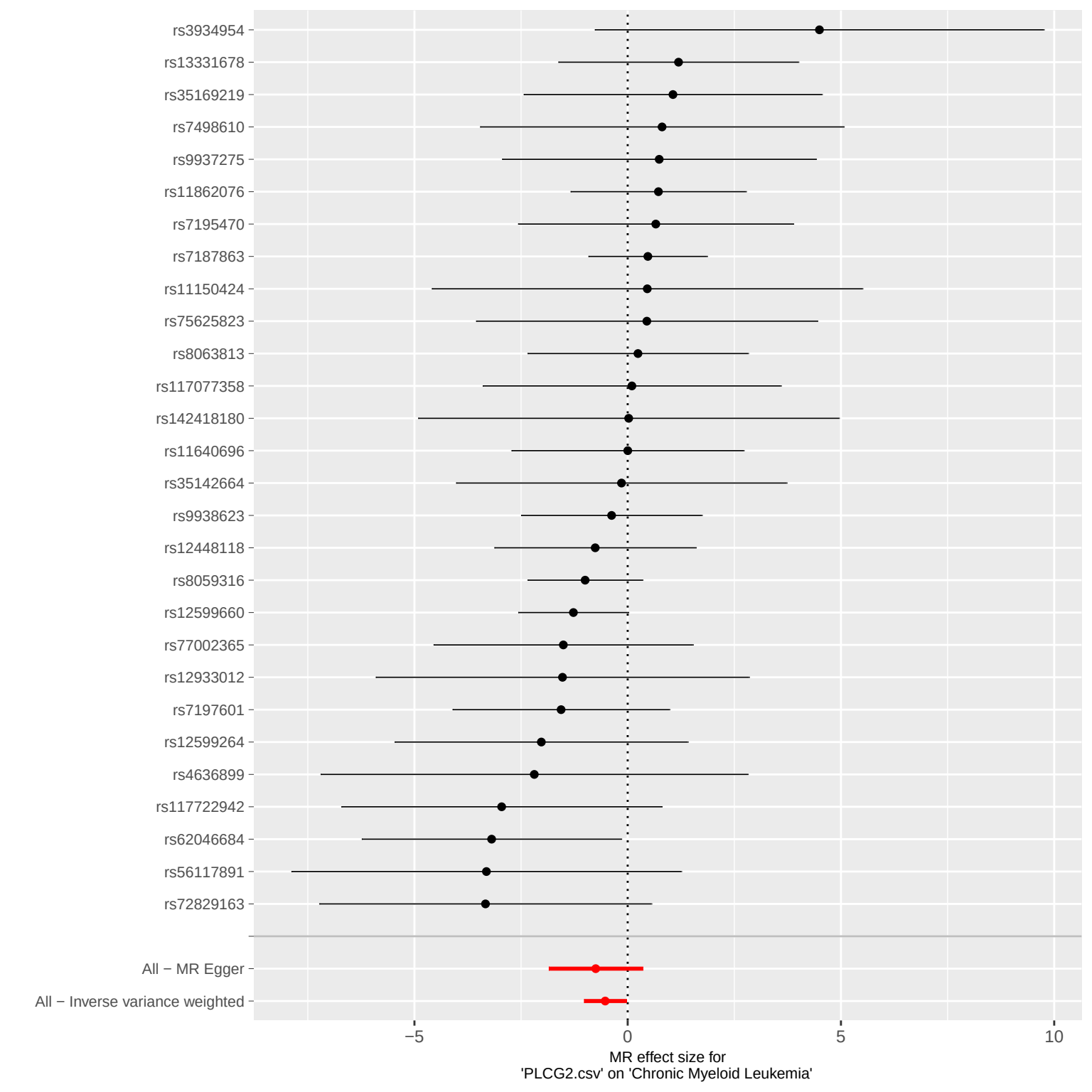
MR effect size for
'PLAC9.csv' on 'Chronic Myeloid Leukemia'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rs11640696
rs35142664
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rs12599660
rs77002365
rs12933012
rs7197601
rs12599264
rs4636899
rs117722942
rs62046684
rs56117891
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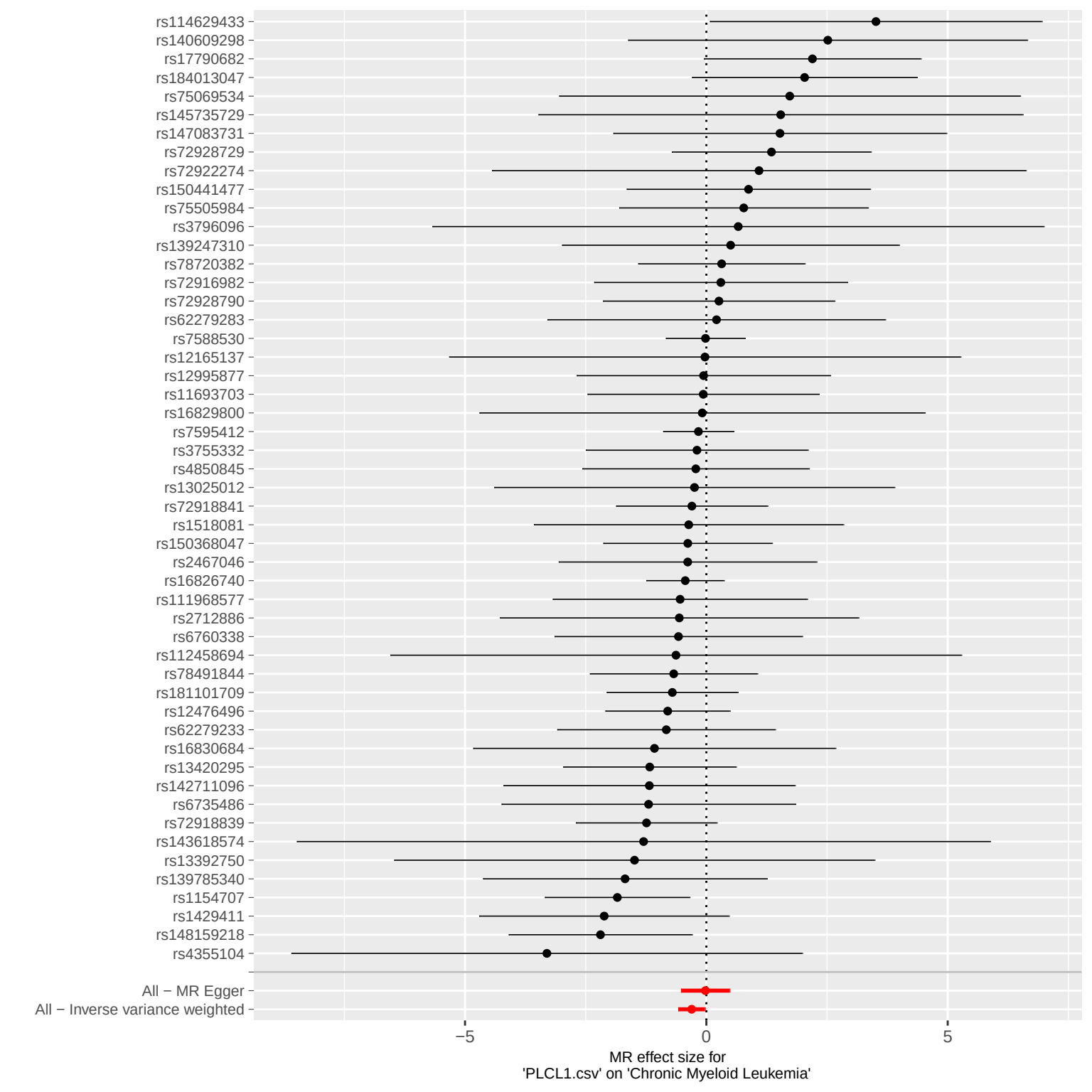
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'PLCG2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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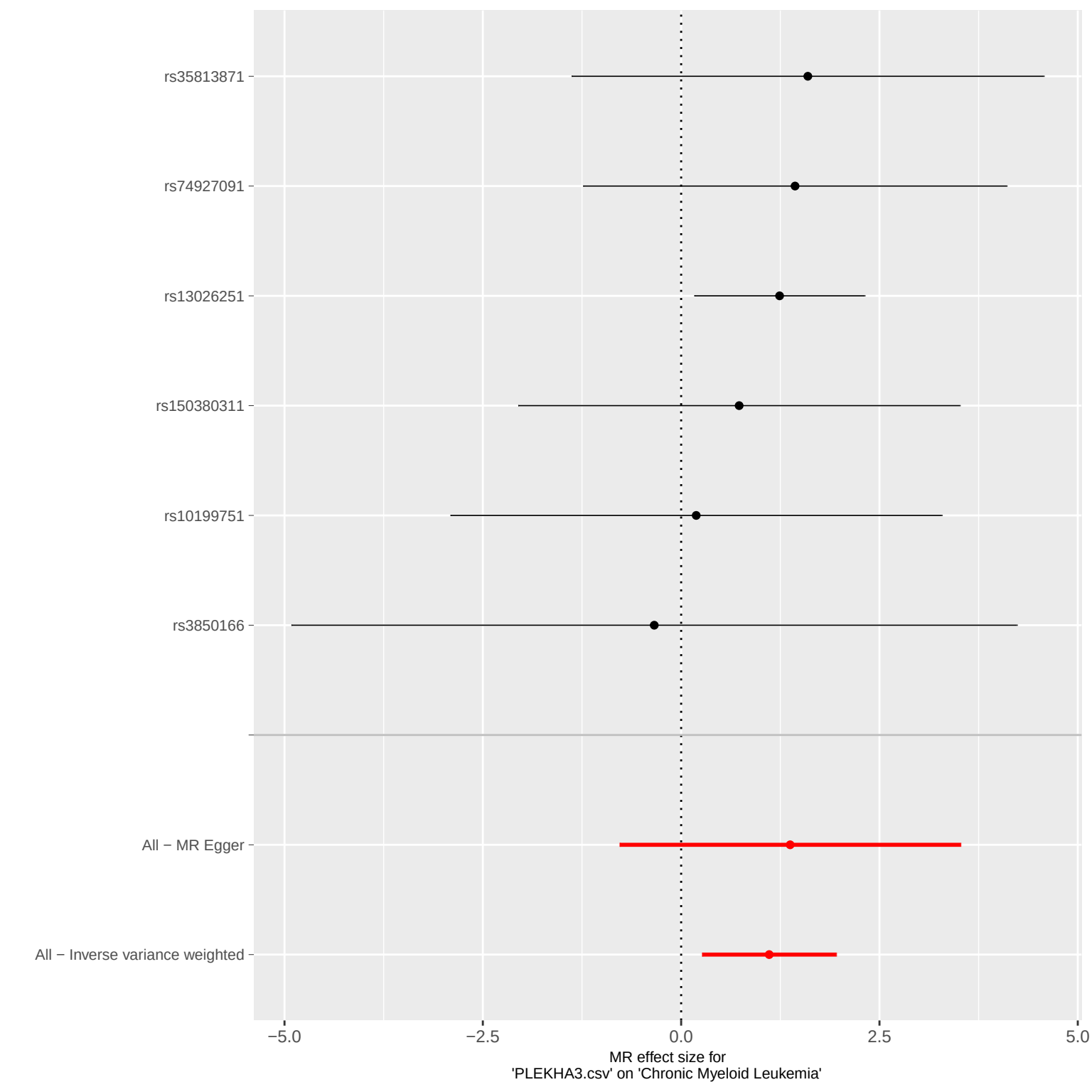
MR effect size for
'PLCL1.csv' on 'Chronic Myeloid Leukemia'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rs150380311
rs10199751
rs3850166
All − MR Egger
All − Inverse variance weighted
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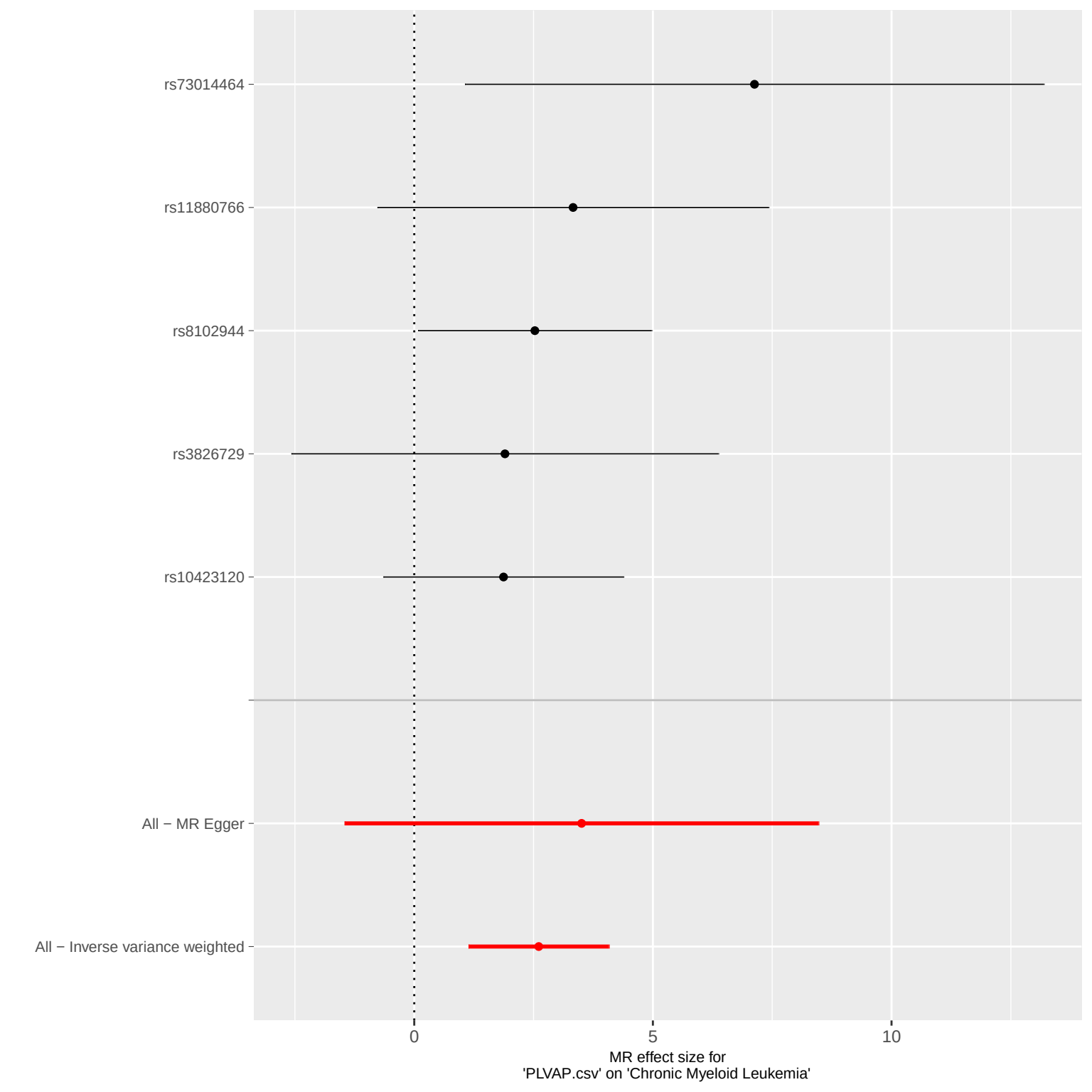
−2.5
0.0
2.5
5.0
MR effect size for
'PLEKHA3.csv' on 'Chronic Myeloid Leukemia'


rs73014464
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rs8102944
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All − MR Egger
All − Inverse variance weighted
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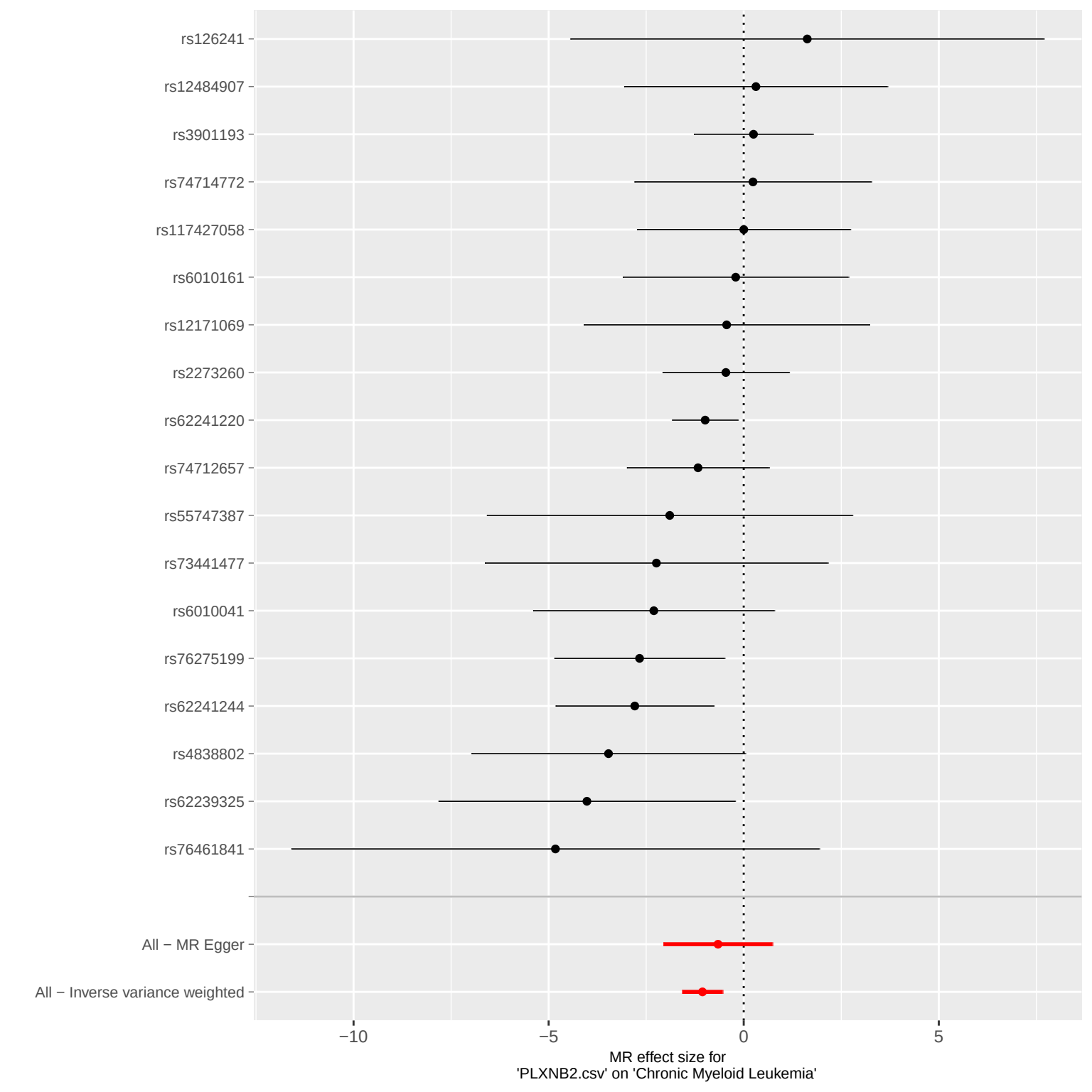
MR effect size for
'PLVAP.csv' on 'Chronic Myeloid Leukemia'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rs76275199
rs62241244
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All − MR Egger
All − Inverse variance weighted
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−5
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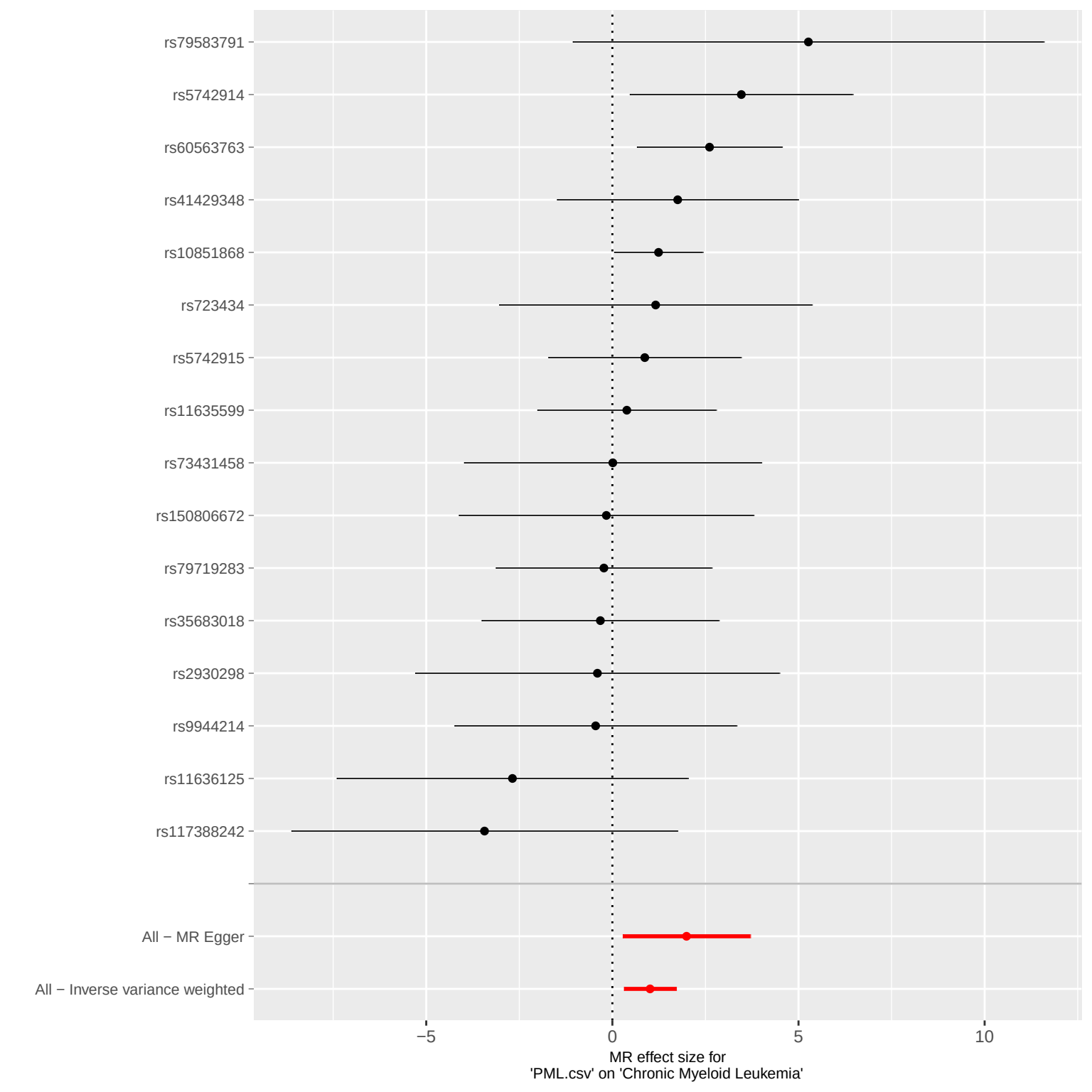
MR effect size for
'PLXNB2.csv' on 'Chronic Myeloid Leukemia'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rs79719283
rs35683018
rs2930298
rs9944214
rs11636125
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All − MR Egger
All − Inverse variance weighted
−5
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5
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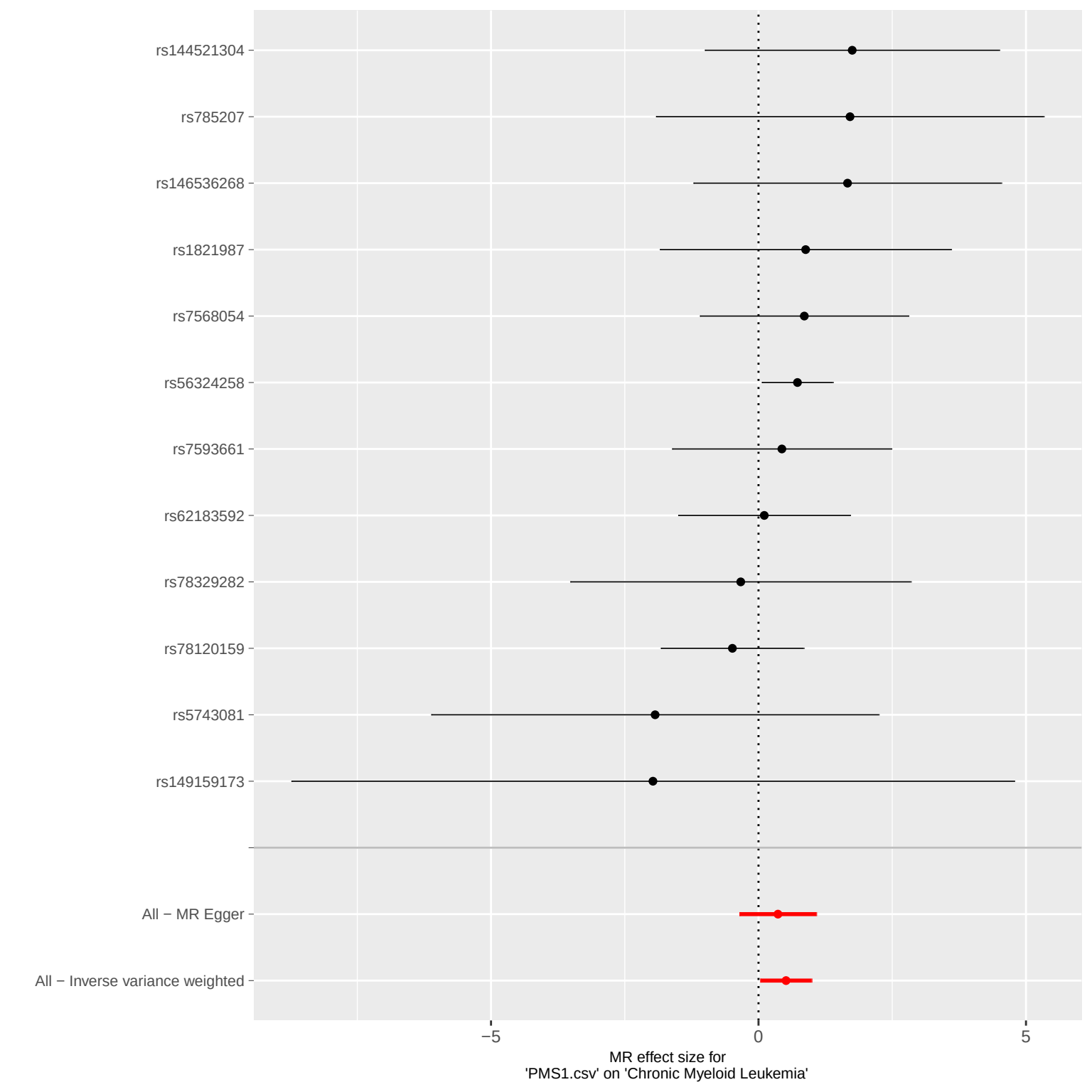
MR effect size for
'PML.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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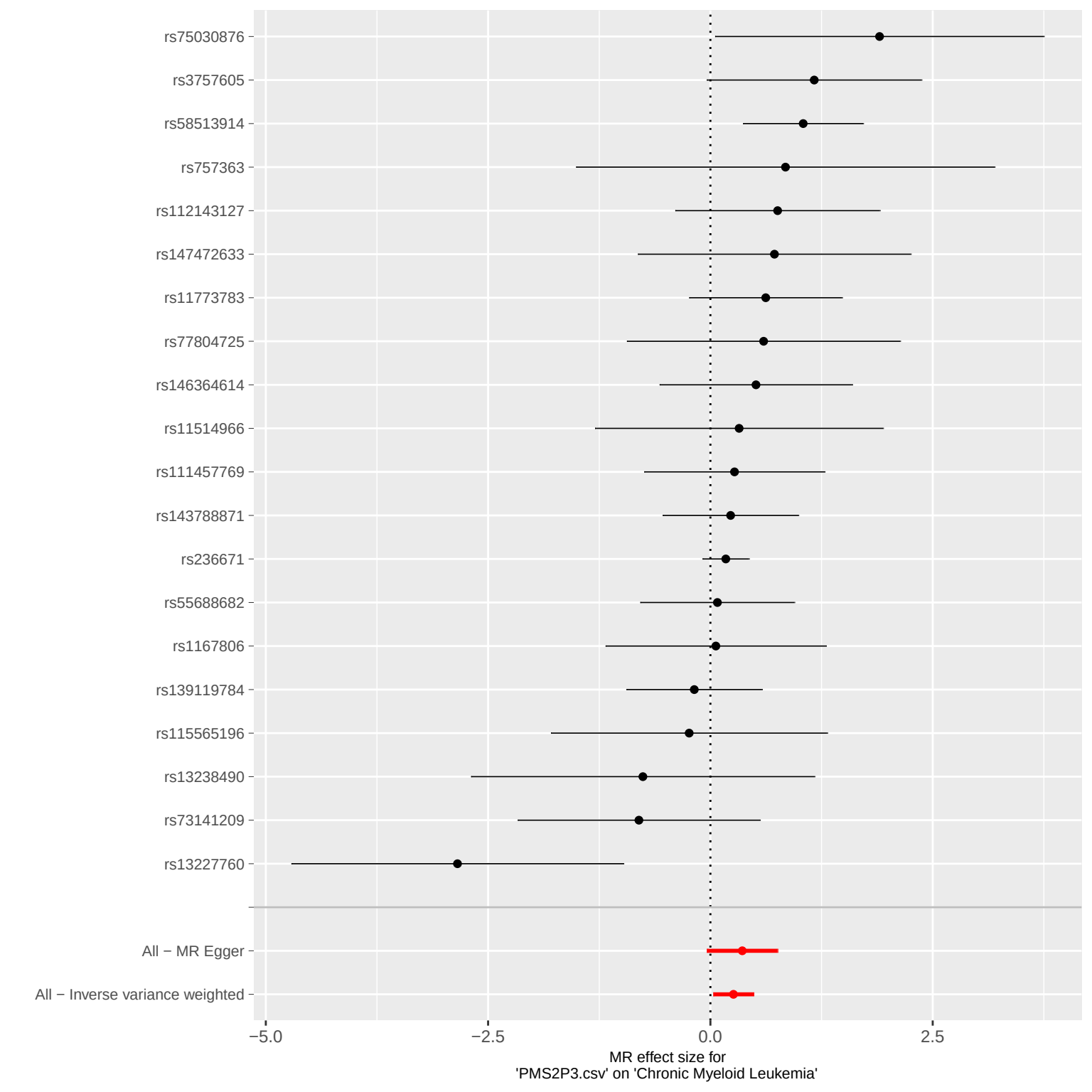
MR effect size for
'PMS1.csv' on 'Chronic Myeloid Leukemia'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rs13238490
rs73141209
rs13227760
All − MR Egger
All − Inverse variance weighted
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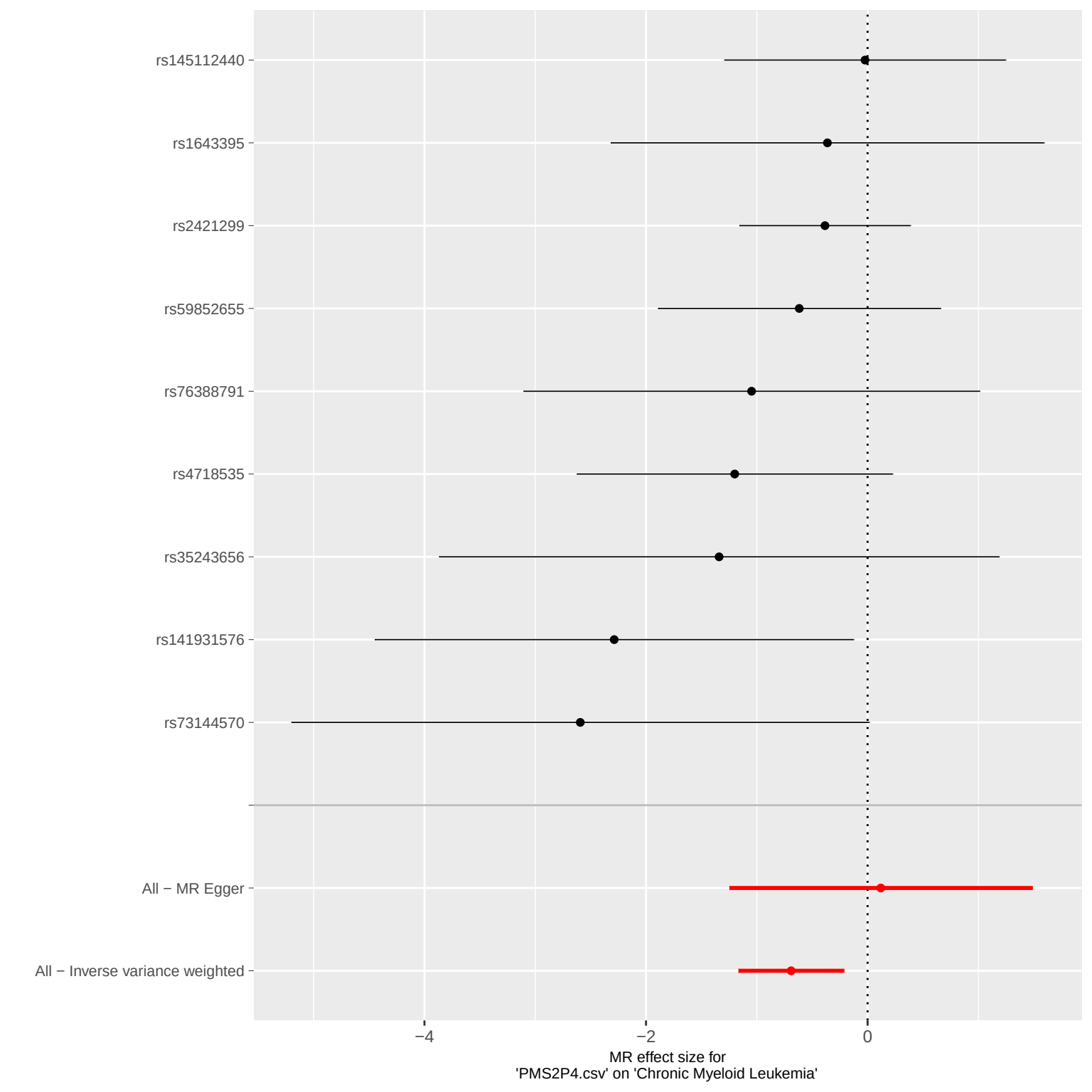
−2.5
0.0
2.5
MR effect size for
'PMS2P3.csv' on 'Chronic Myeloid Leukemia'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rs59852655
rs76388791
rs4718535
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All − MR Egger
All − Inverse variance weighted
−4
−2
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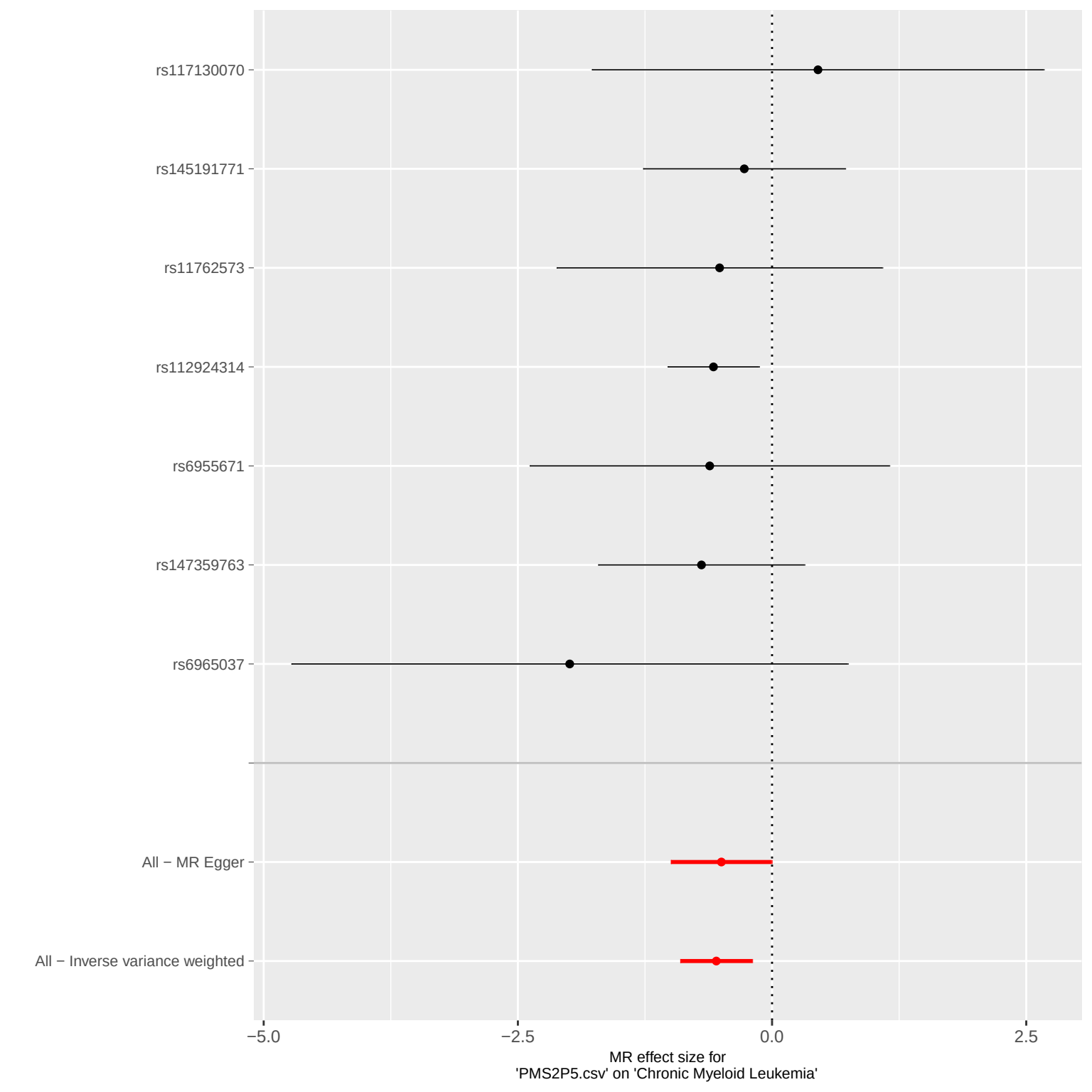
MR effect size for
'PMS2P4.csv' on 'Chronic Myeloid Leukemia'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rs145191771
rs11762573
rs112924314
rs6955671
rs147359763
rs6965037
All − MR Egger
All − Inverse variance weighted
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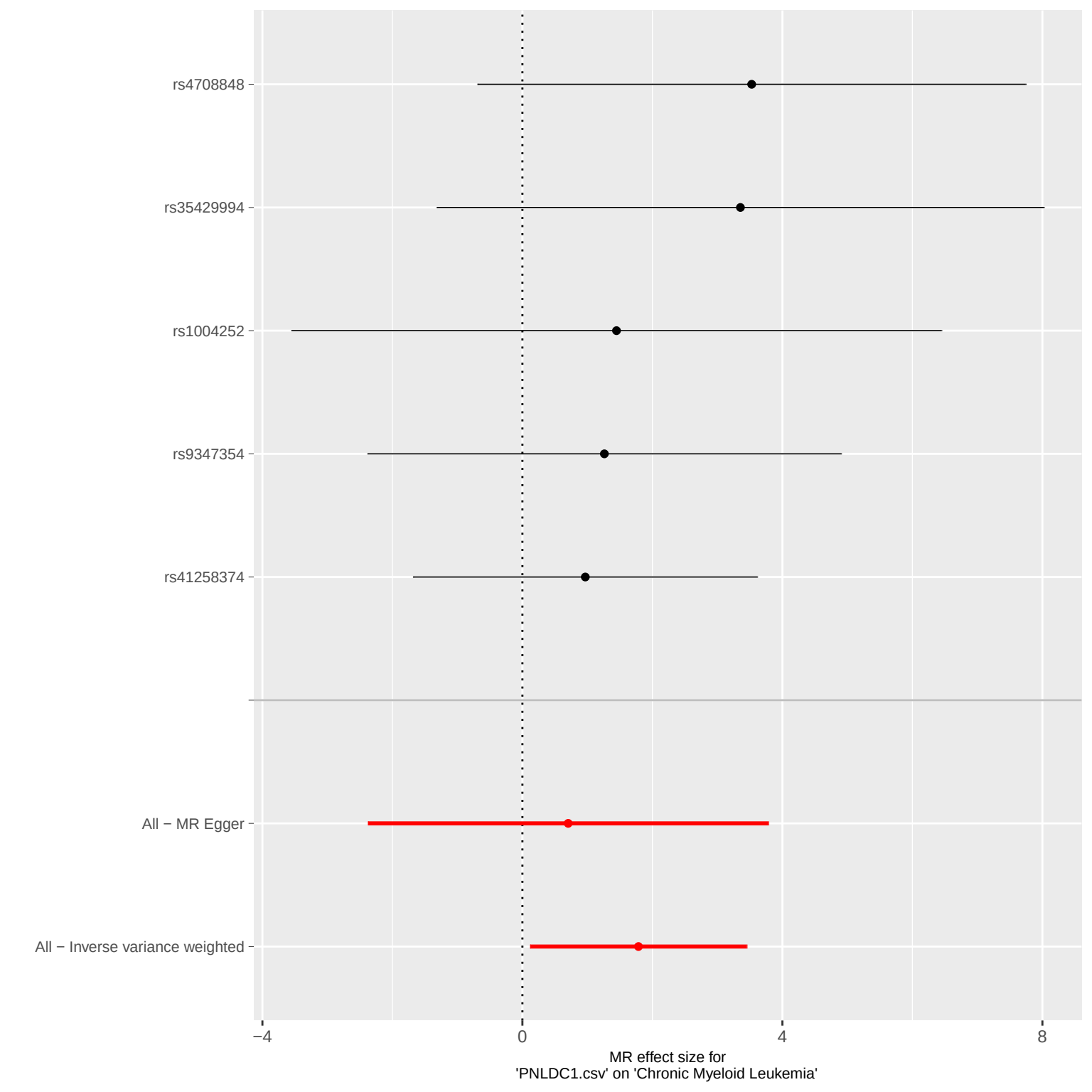
−2.5
0.0
2.5
MR effect size for
'PMS2P5.csv' on 'Chronic Myeloid Leukemia'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rs1004252
rs9347354
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All − MR Egger
All − Inverse variance weighted
−4
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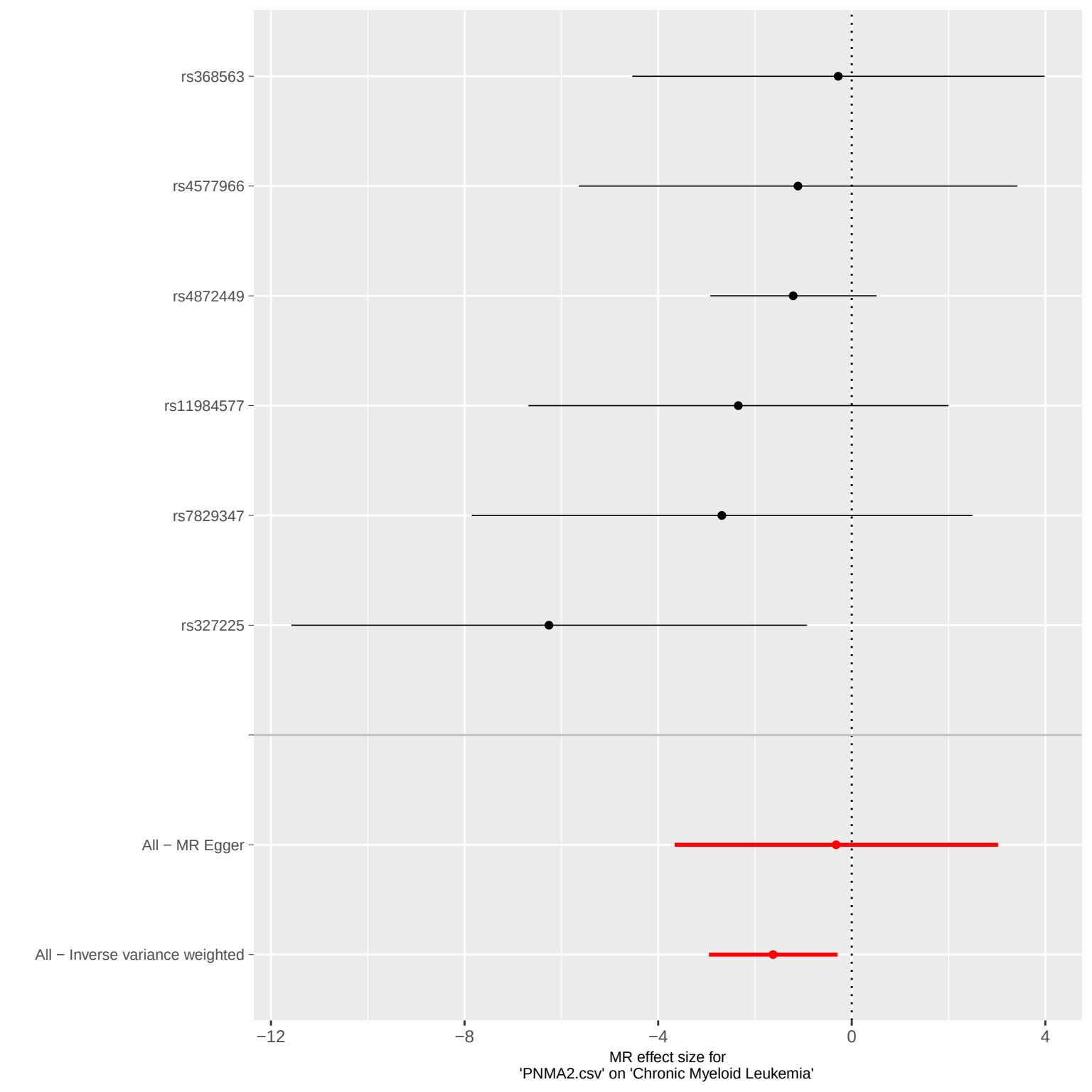
4
8
MR effect size for
'PNLDC1.csv' on 'Chronic Myeloid Leukemia'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rs7829347
rs327225
All − MR Egger
All − Inverse variance weighted
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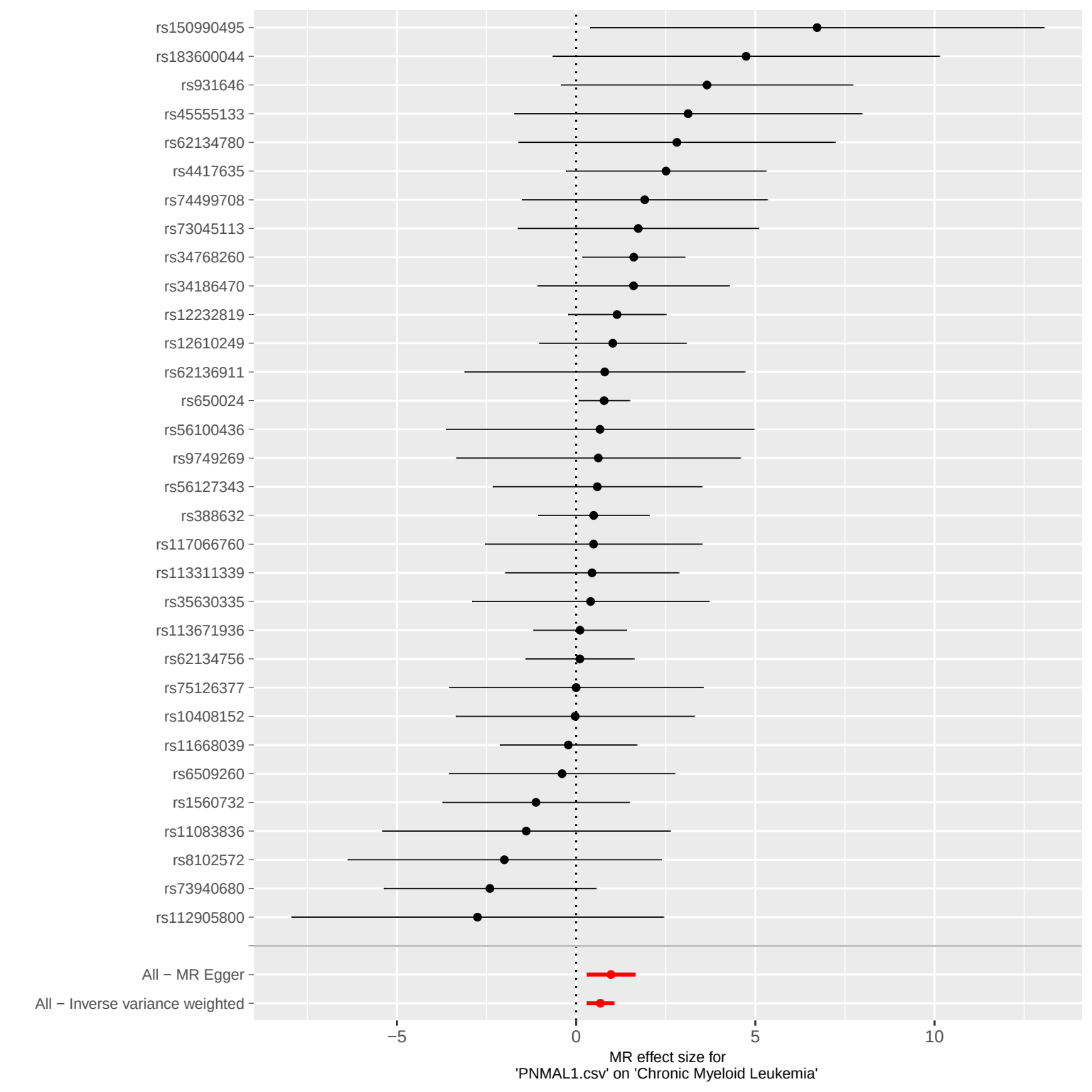
−8
−4
0
4
MR effect size for
'PNMA2.csv' on 'Chronic Myeloid Leukemia'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rs12610249
rs62136911
rs650024
rs56100436
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All − MR Egger
All − Inverse variance weighted
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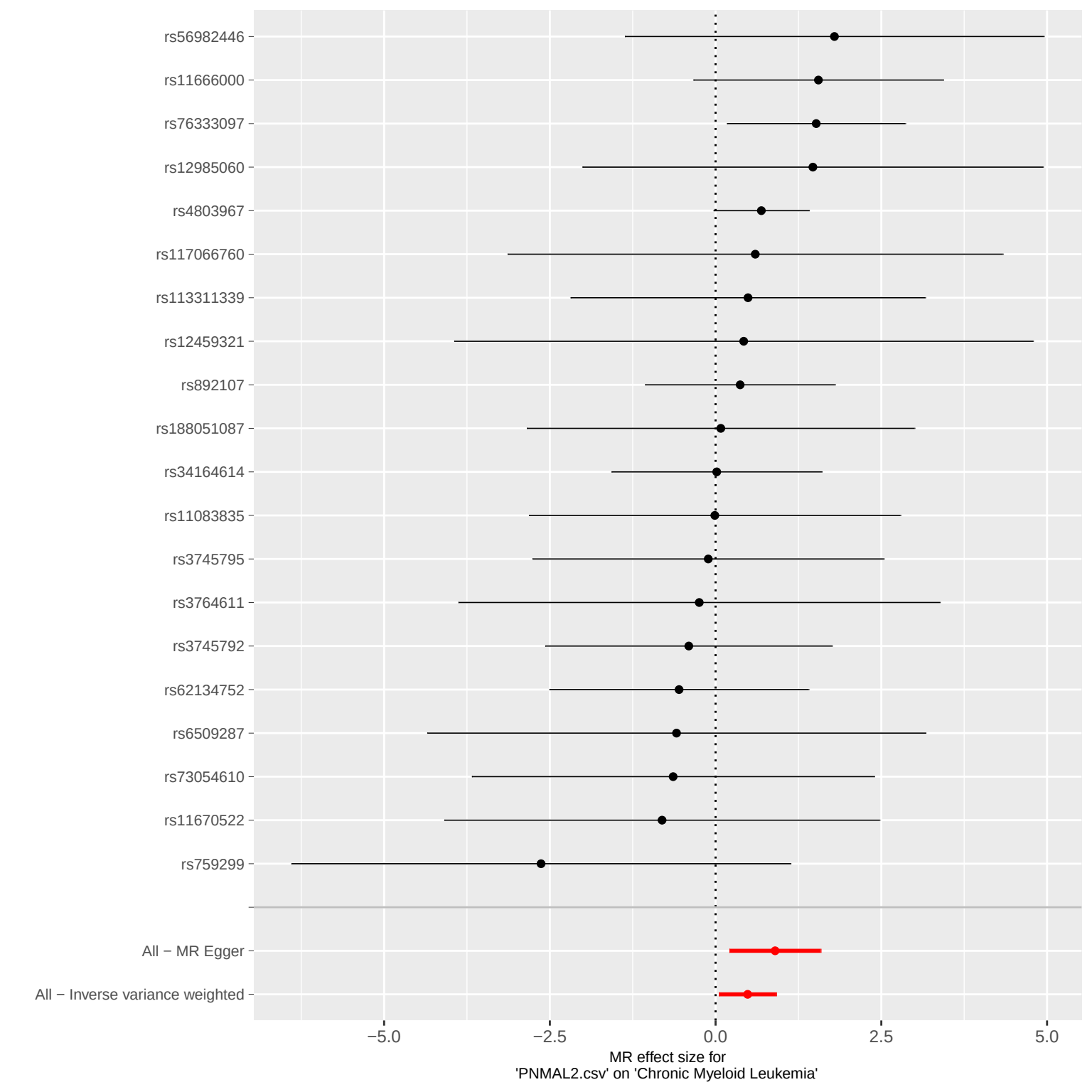
MR effect size for
'PNMAL1.csv' on 'Chronic Myeloid Leukemia'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rs11083835
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rs3745792
rs62134752
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rs11670522
rs759299
All − MR Egger
All − Inverse variance weighted
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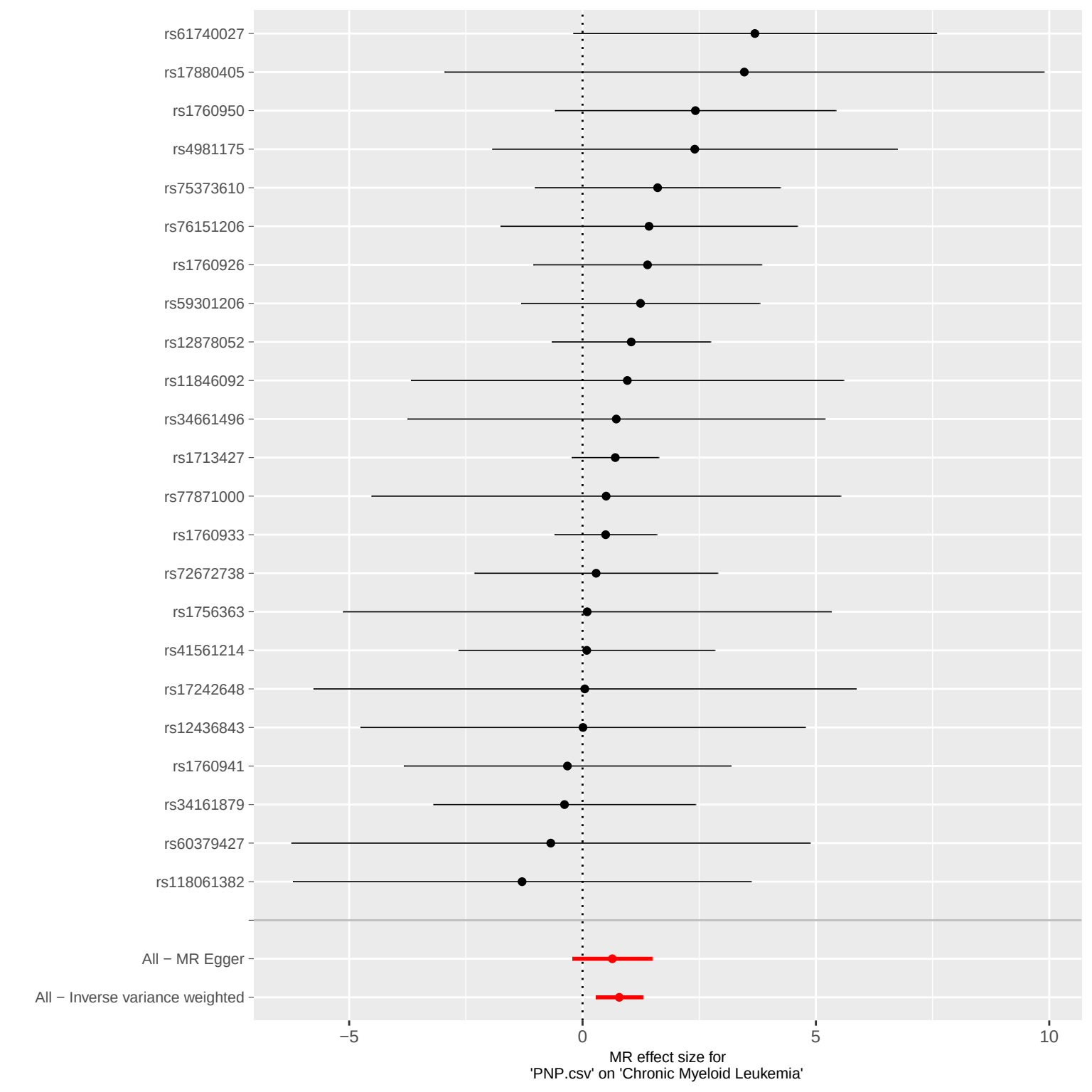
−2.5
0.0
2.5
5.0
MR effect size for
'PNMAL2.csv' on 'Chronic Myeloid Leukemia'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rs17242648
rs12436843
rs1760941
rs34161879
rs60379427
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All − MR Egger
All − Inverse variance weighted
−5
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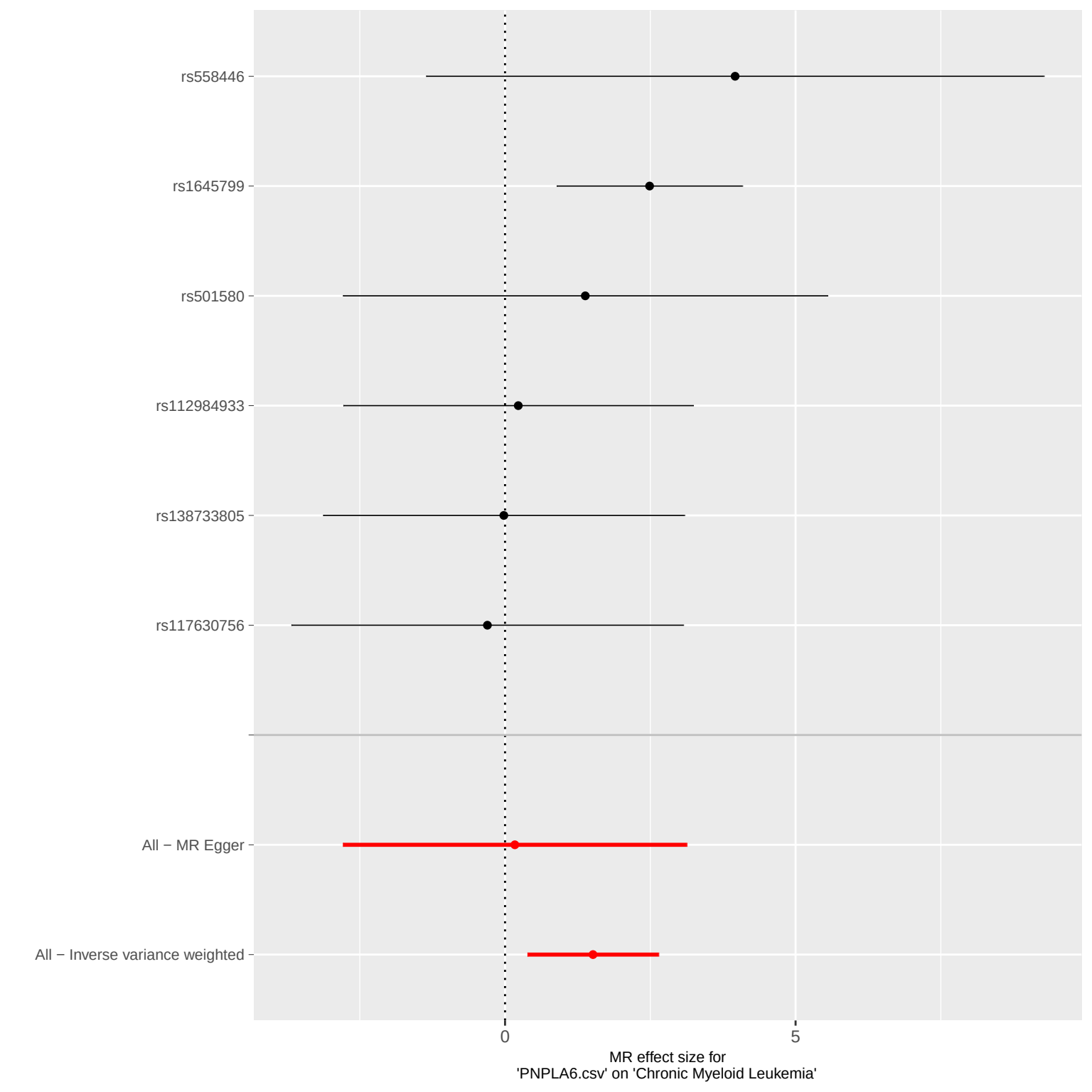
10
MR effect size for
'PNP.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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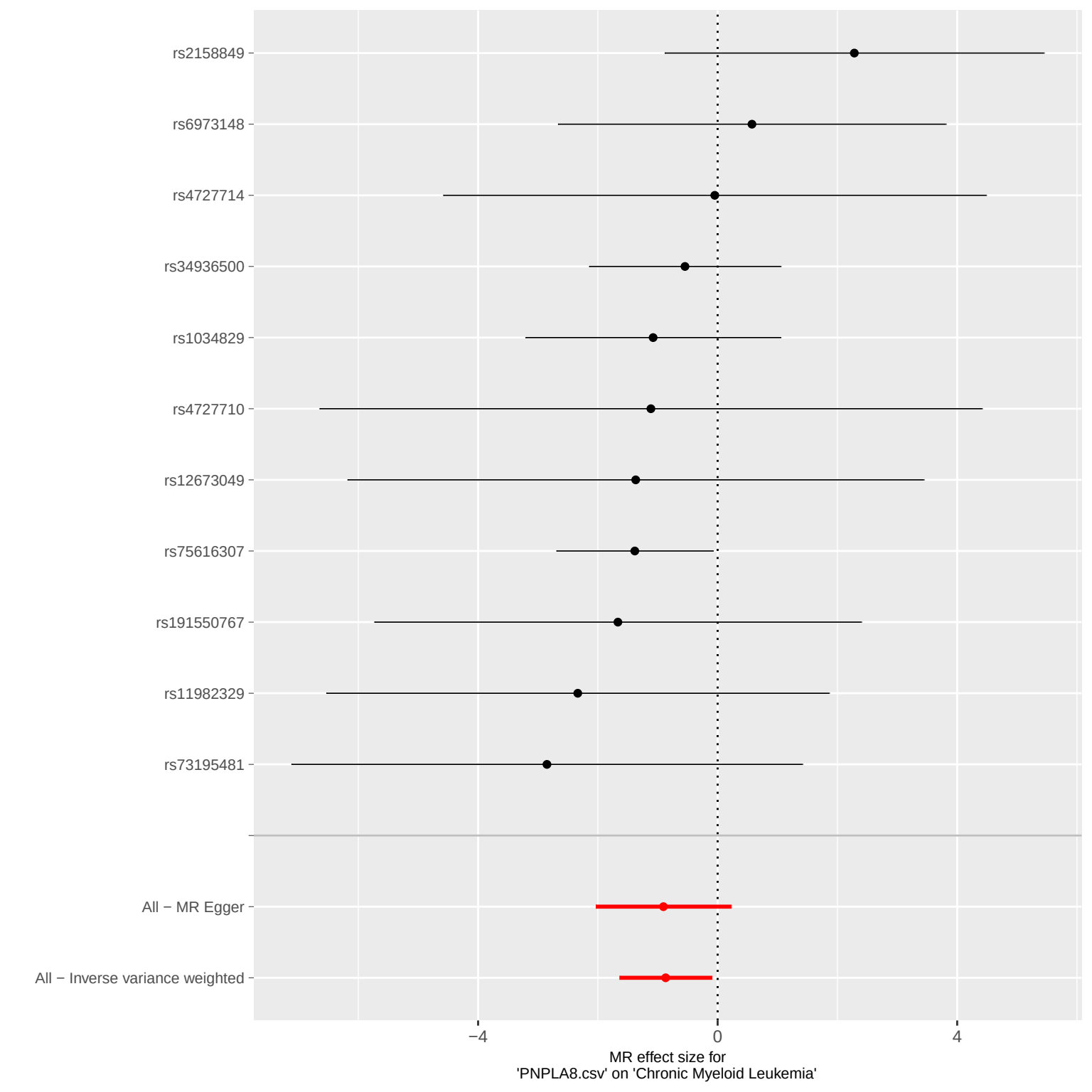
5
MR effect size for
'PNPLA6.csv' on 'Chronic Myeloid Leukemia'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rs4727710
rs12673049
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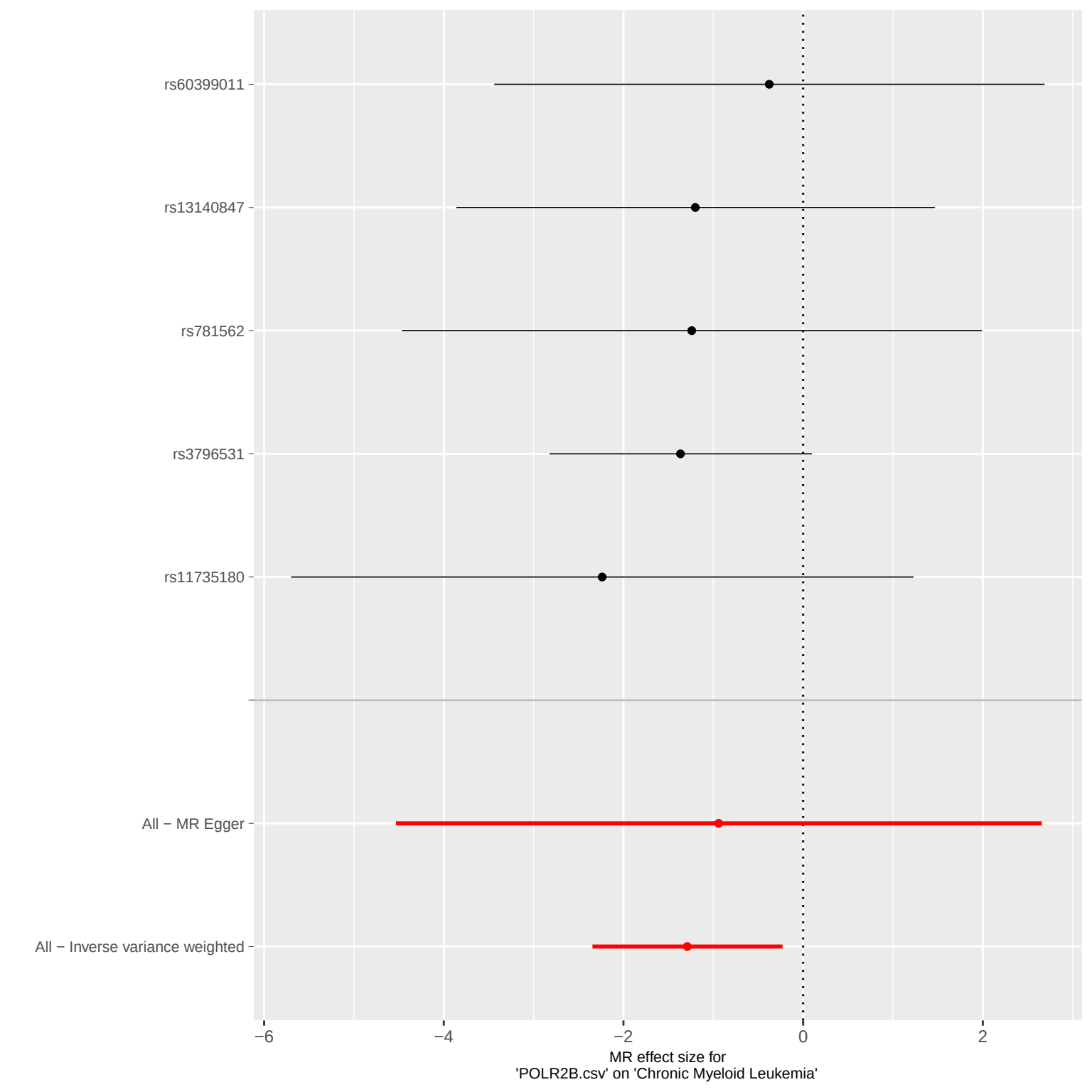
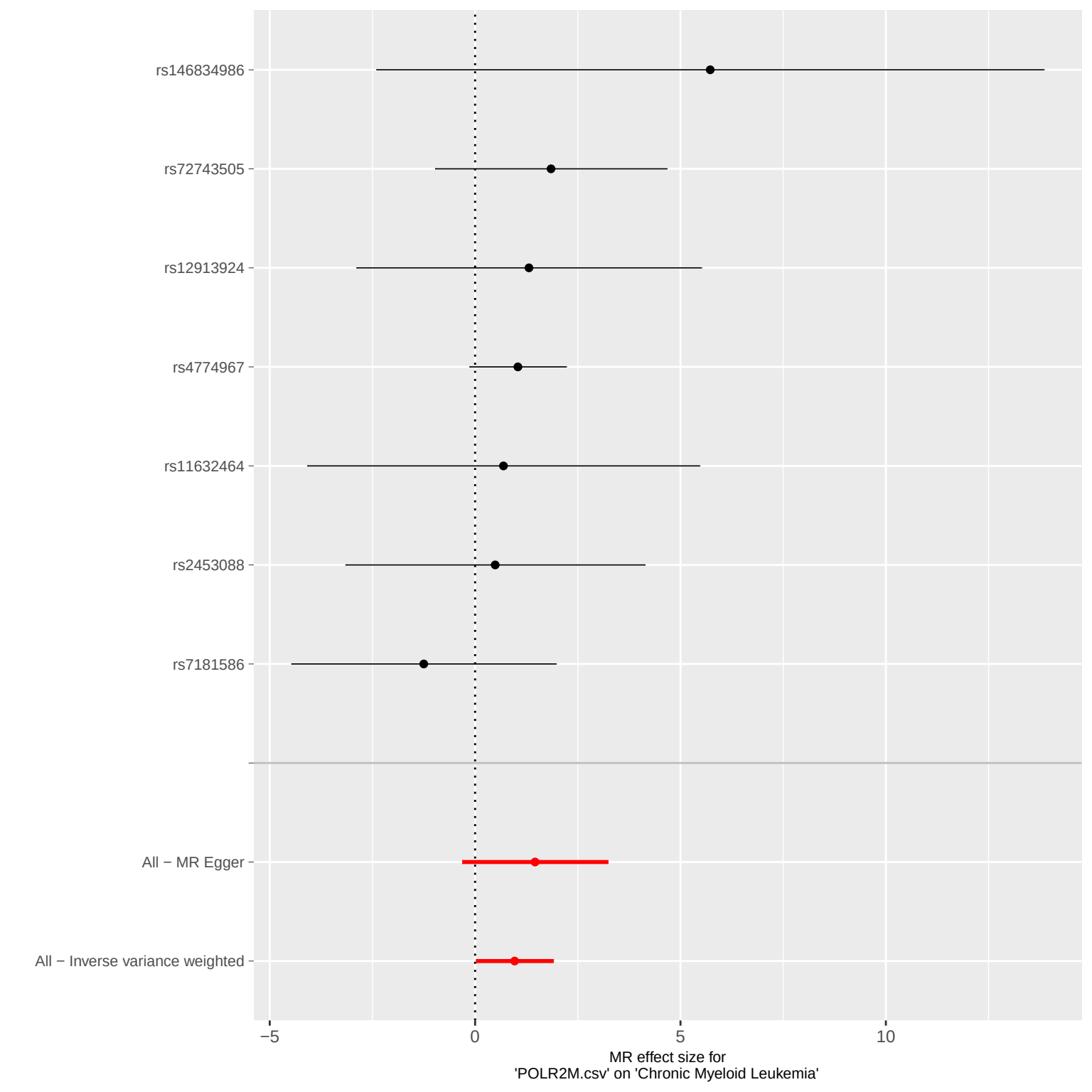
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PNPLA8.csv' on 'Chronic Myeloid Leukemia'


rs60399011
rs13140847
rs781562
rs3796531
rs11735180
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'POLR2B.csv' on 'Chronic Myeloid Leukemia'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rs72743505
rs12913924
rs4774967
rs11632464
rs2453088
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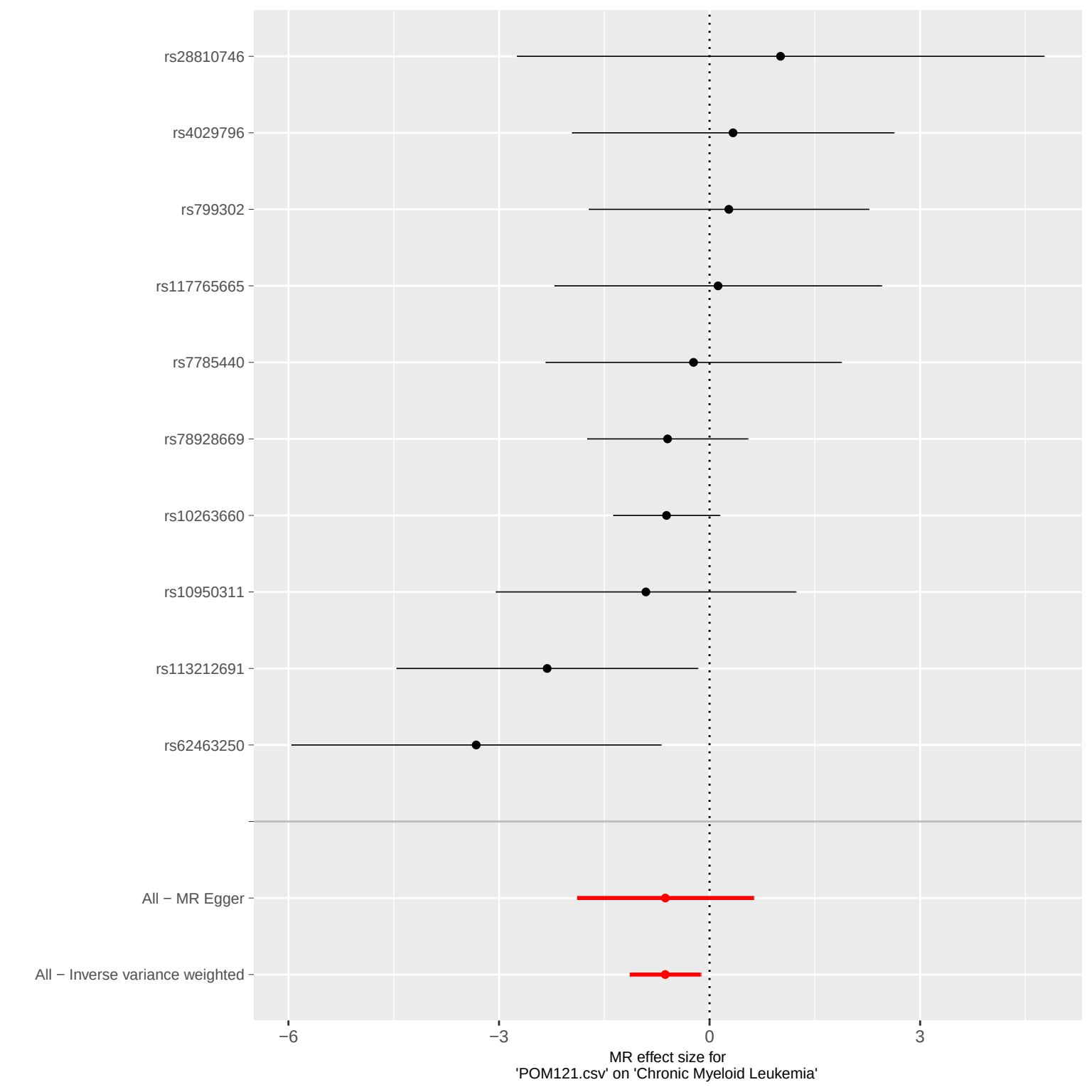
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'POLR2M.csv' on 'Chronic Myeloid Leukemia'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rs10263660
rs10950311
rs113212691
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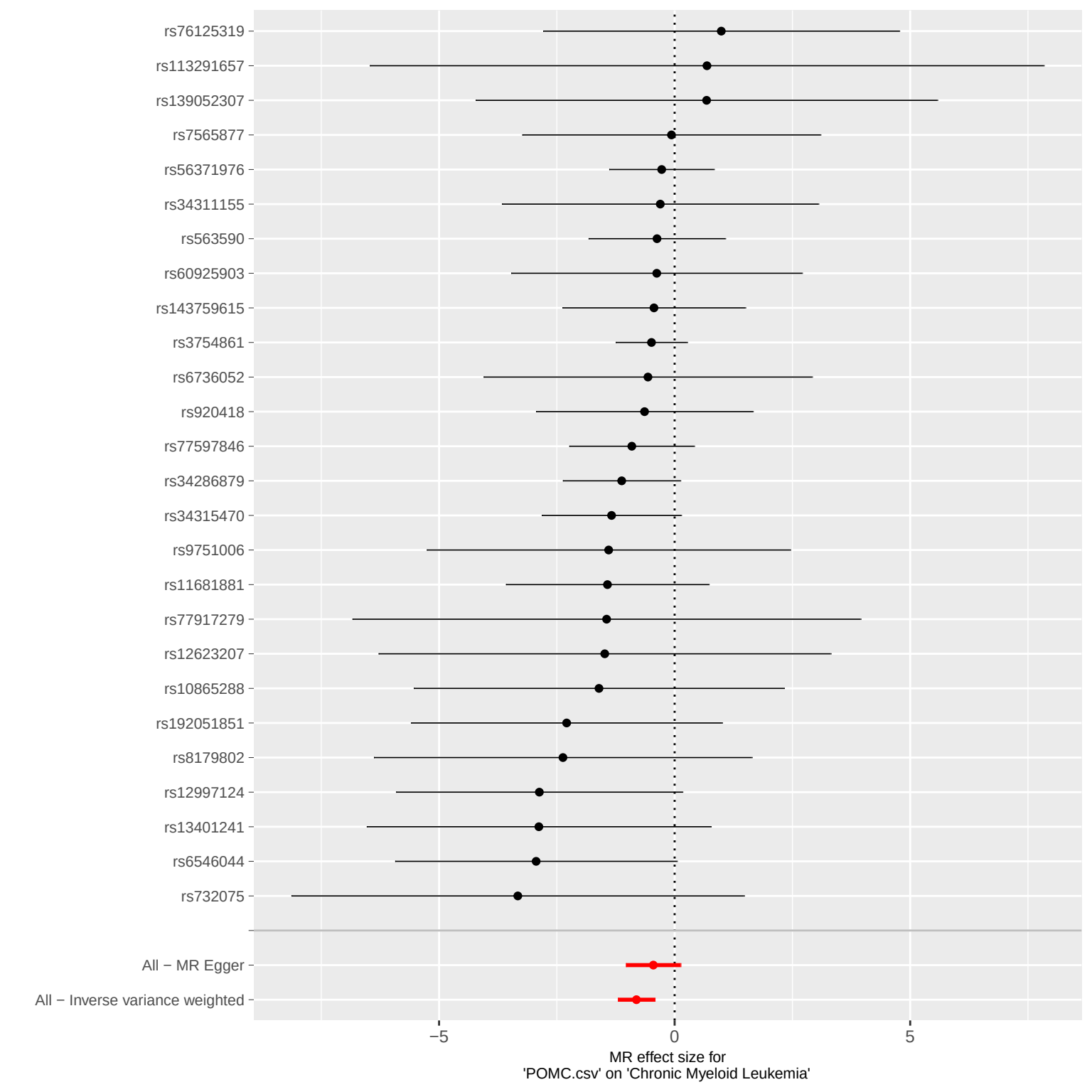
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'POM121.csv' on 'Chronic Myeloid Leukemia'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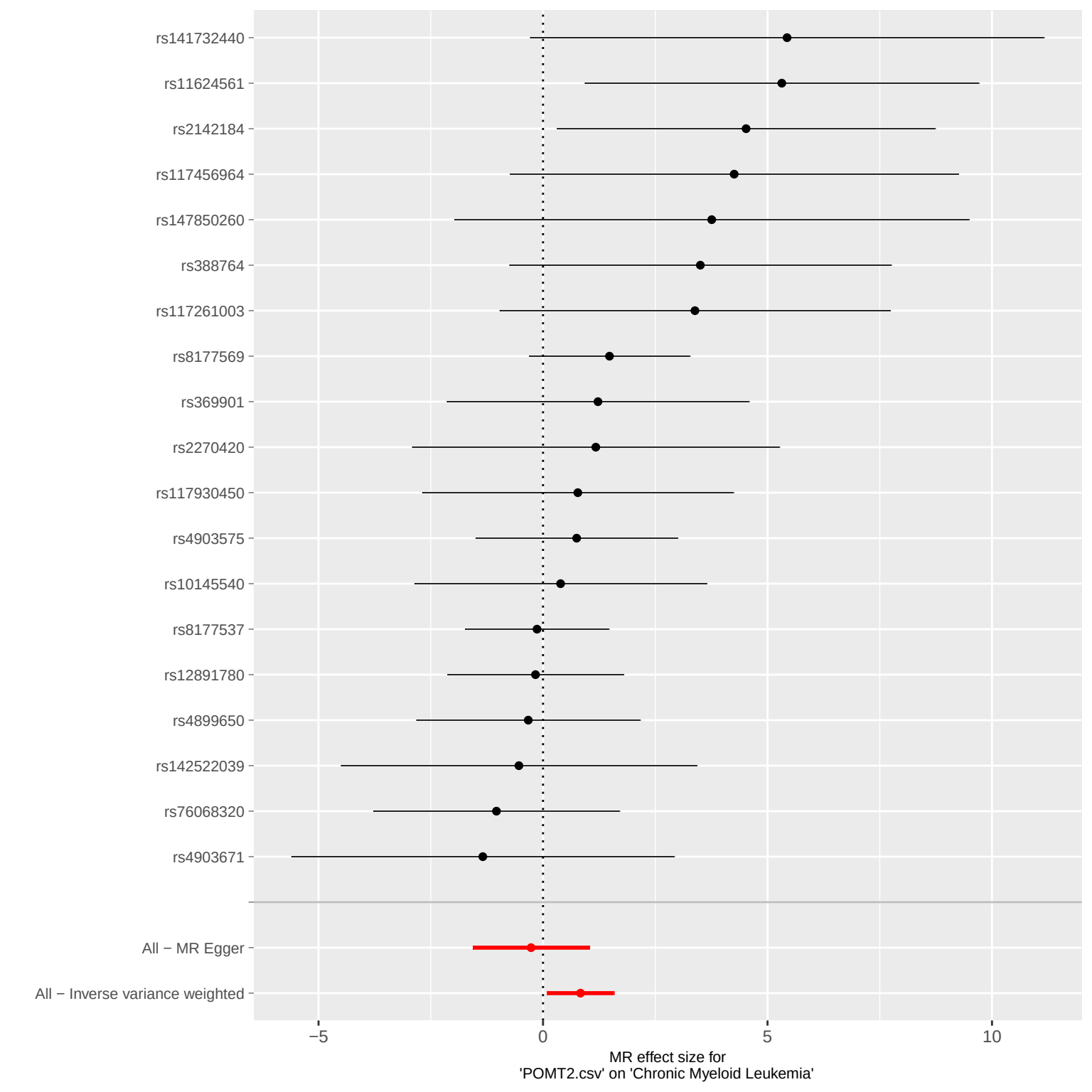
rs12623207
rs10865288
rs192051851
rs8179802
rs12997124
rs13401241
rs6546044
rs732075
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'POMC.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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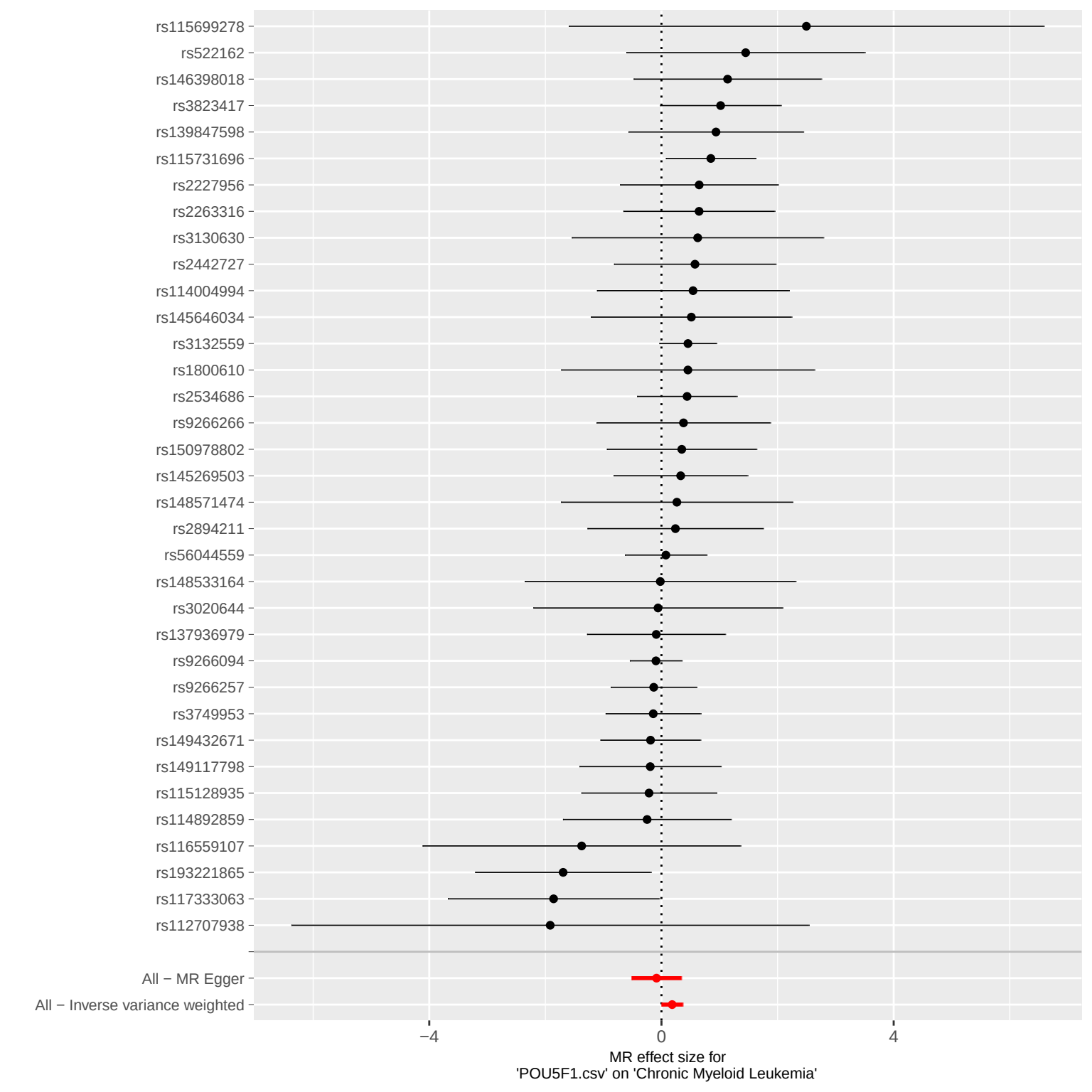
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rs3749953
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rs149117798
rs115128935
rs114892859
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rs193221865
rs117333063
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All − MR Egger
All − Inverse variance weighted
−4
0
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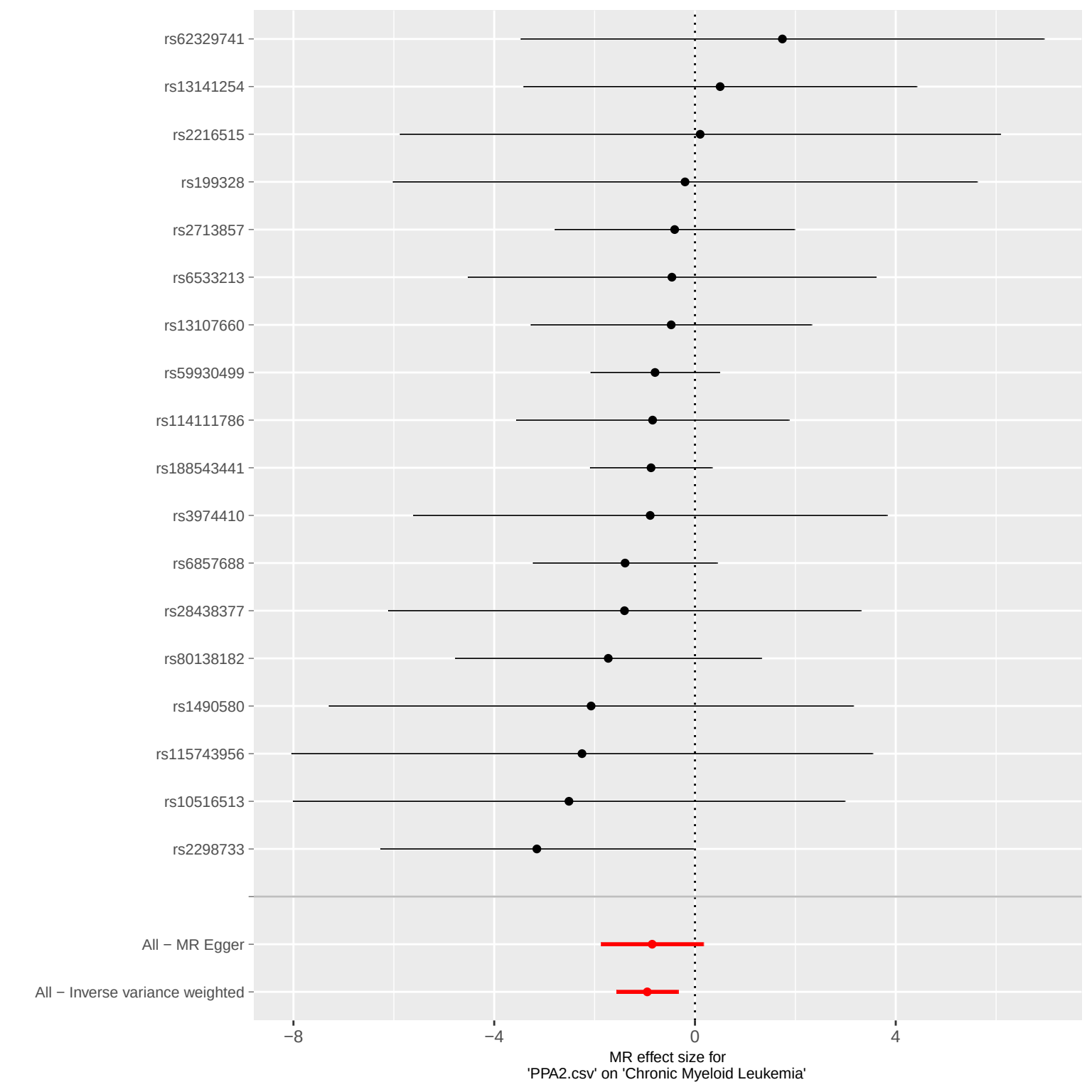
MR effect size for
'POU5F1.csv' on 'Chronic Myeloid Leukemia'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rs1490580
rs115743956
rs10516513
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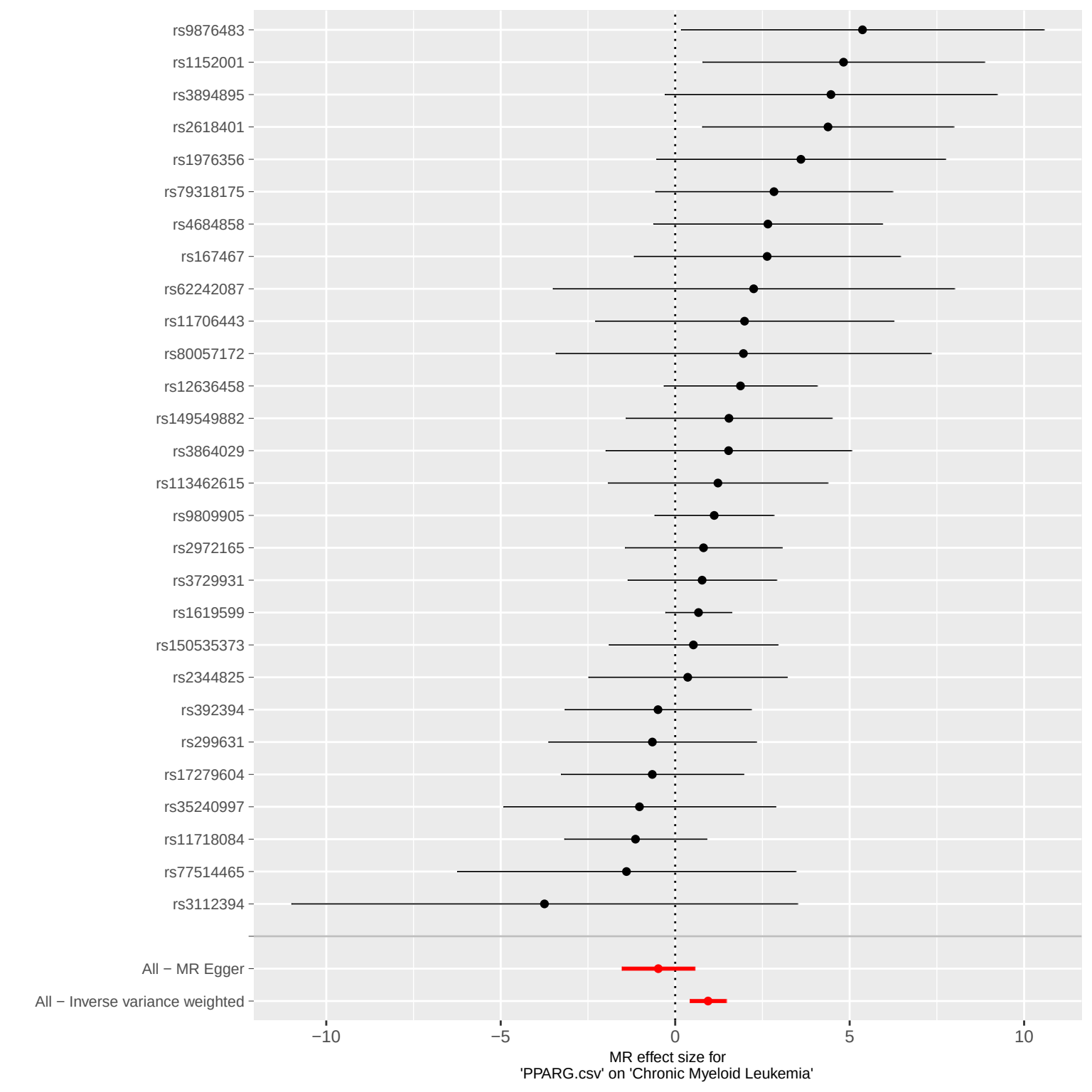
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'PPA2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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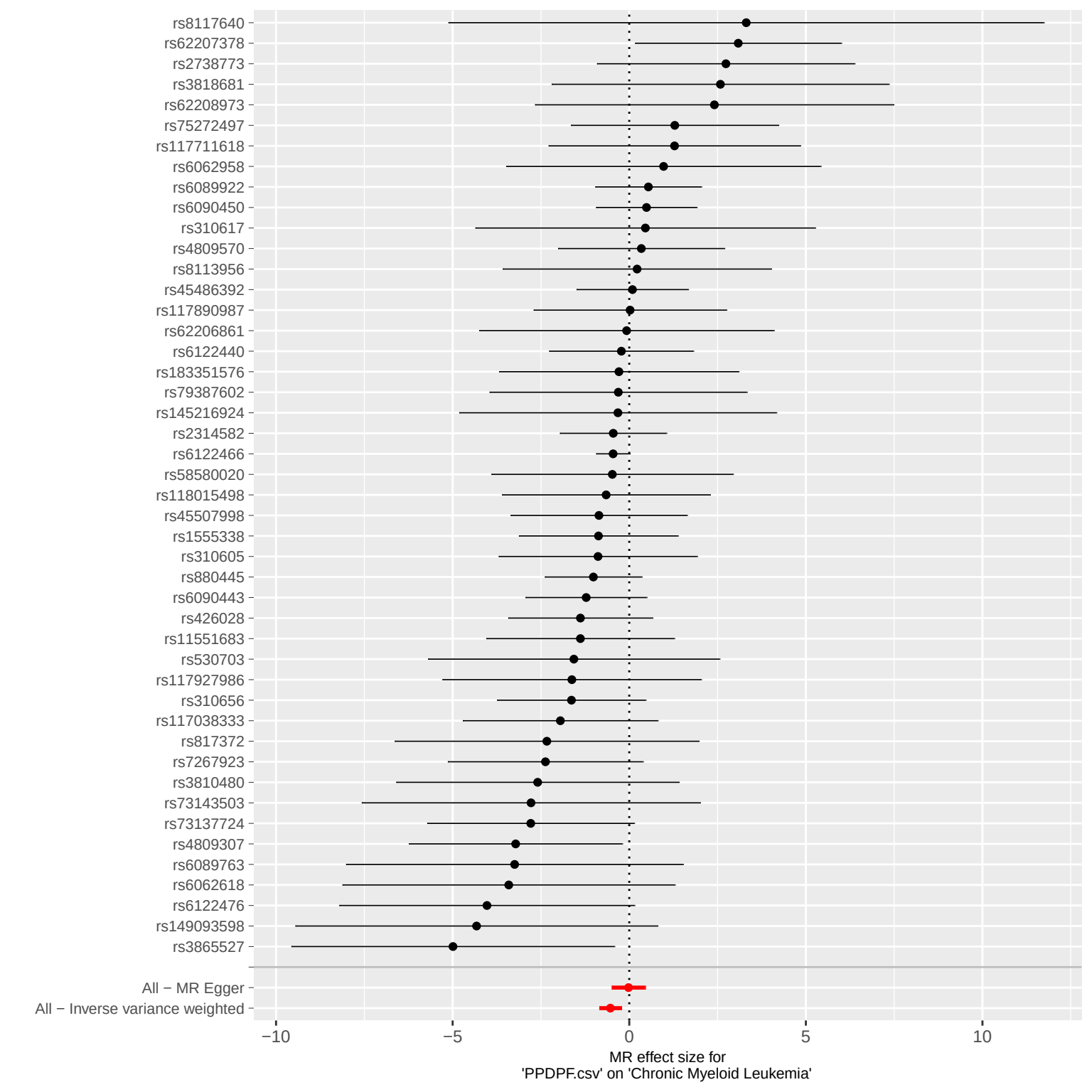
MR effect size for
'PPARG.csv' on 'Chronic Myeloid Leukemia'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rs7267923
rs3810480
rs73143503
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rs4809307
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rs6062618
rs6122476
rs149093598
rs3865527
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
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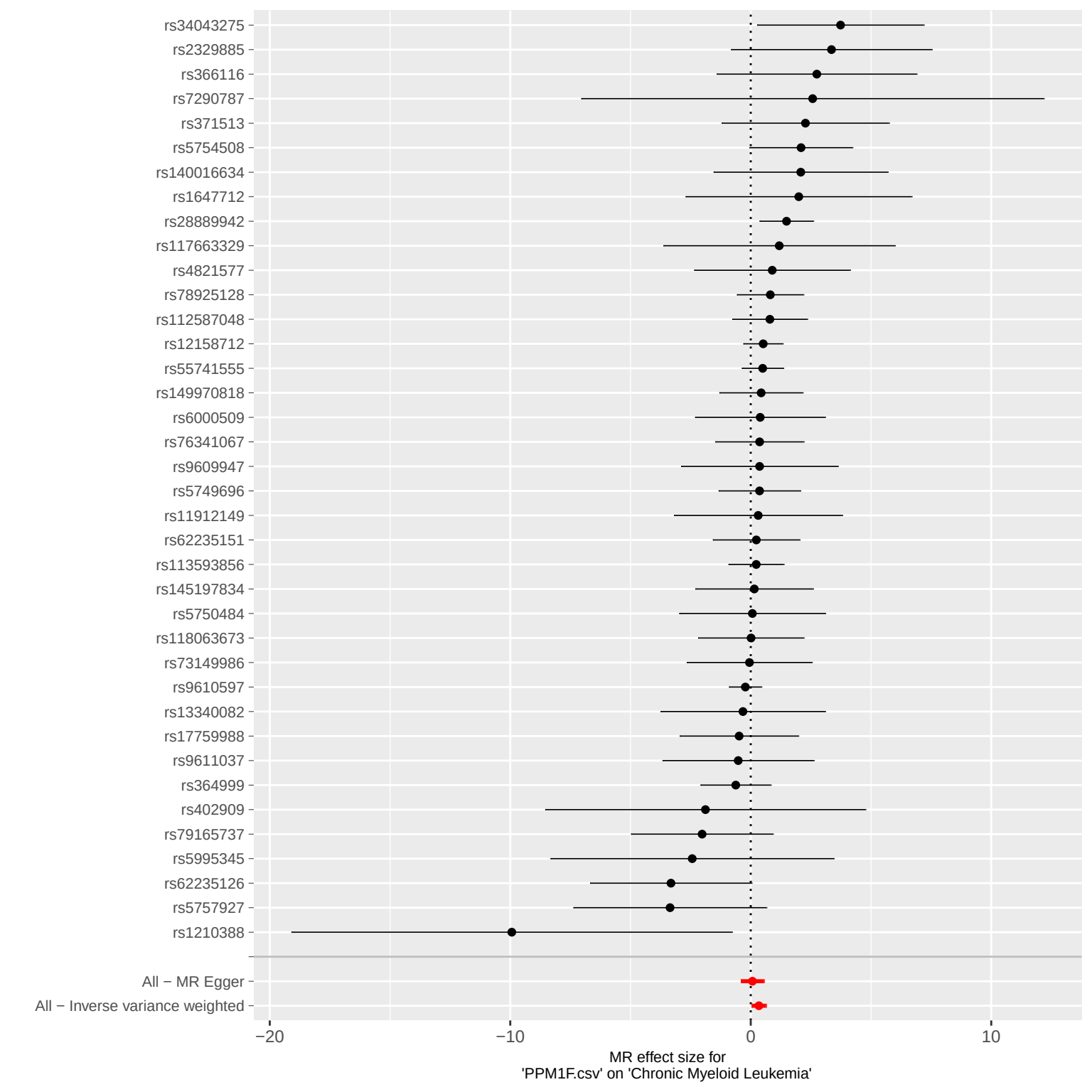
MR effect size for
'PPDPF.csv' on 'Chronic Myeloid Leukemia'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rs13340082
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rs402909
rs79165737
rs5995345
rs62235126
rs5757927
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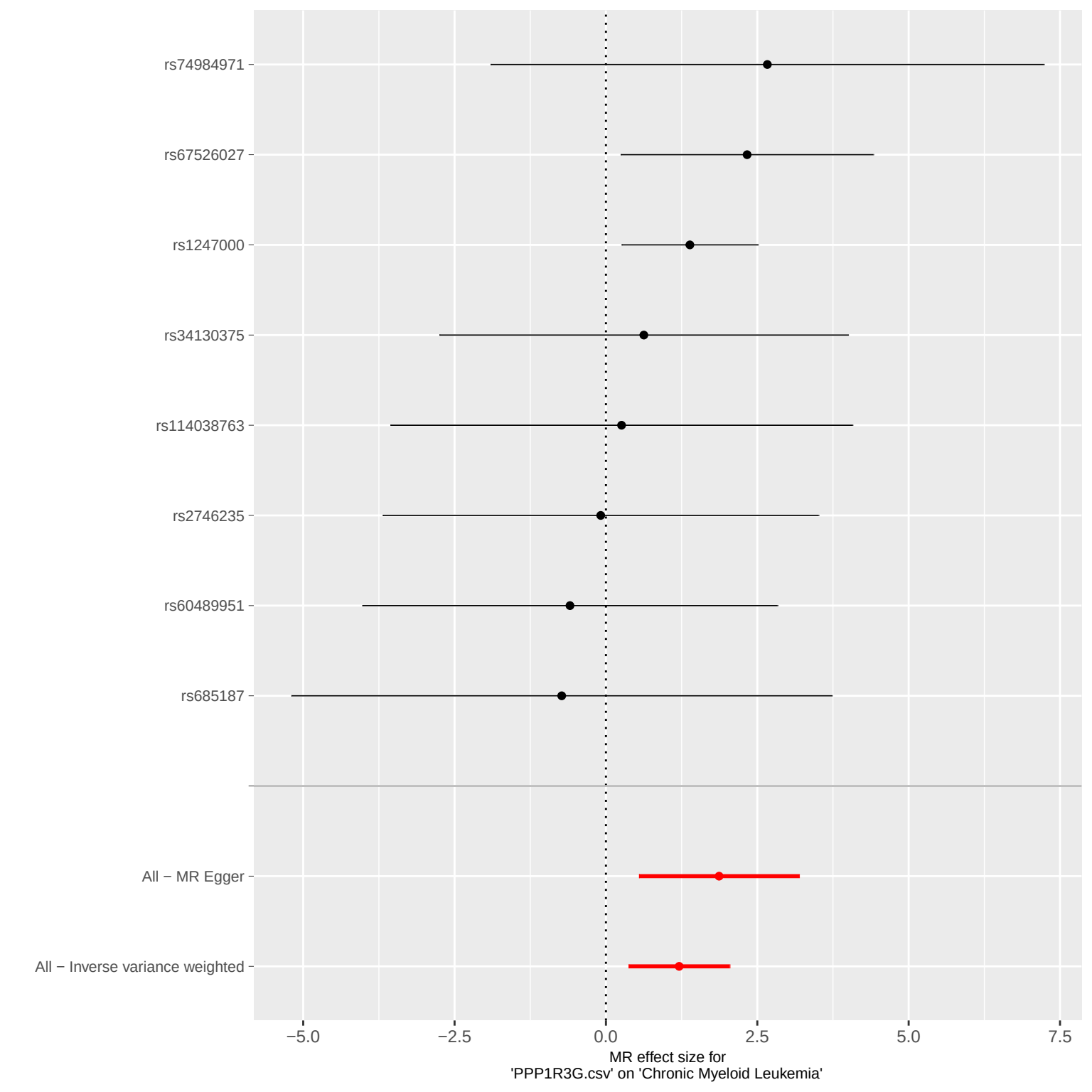
All − MR Egger
All − Inverse variance weighted
−20
−10
0
10
MR effect size for
'PPM1F.csv' on 'Chronic Myeloid Leukemia'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rs60489951
rs685187
All − MR Egger
All − Inverse variance weighted
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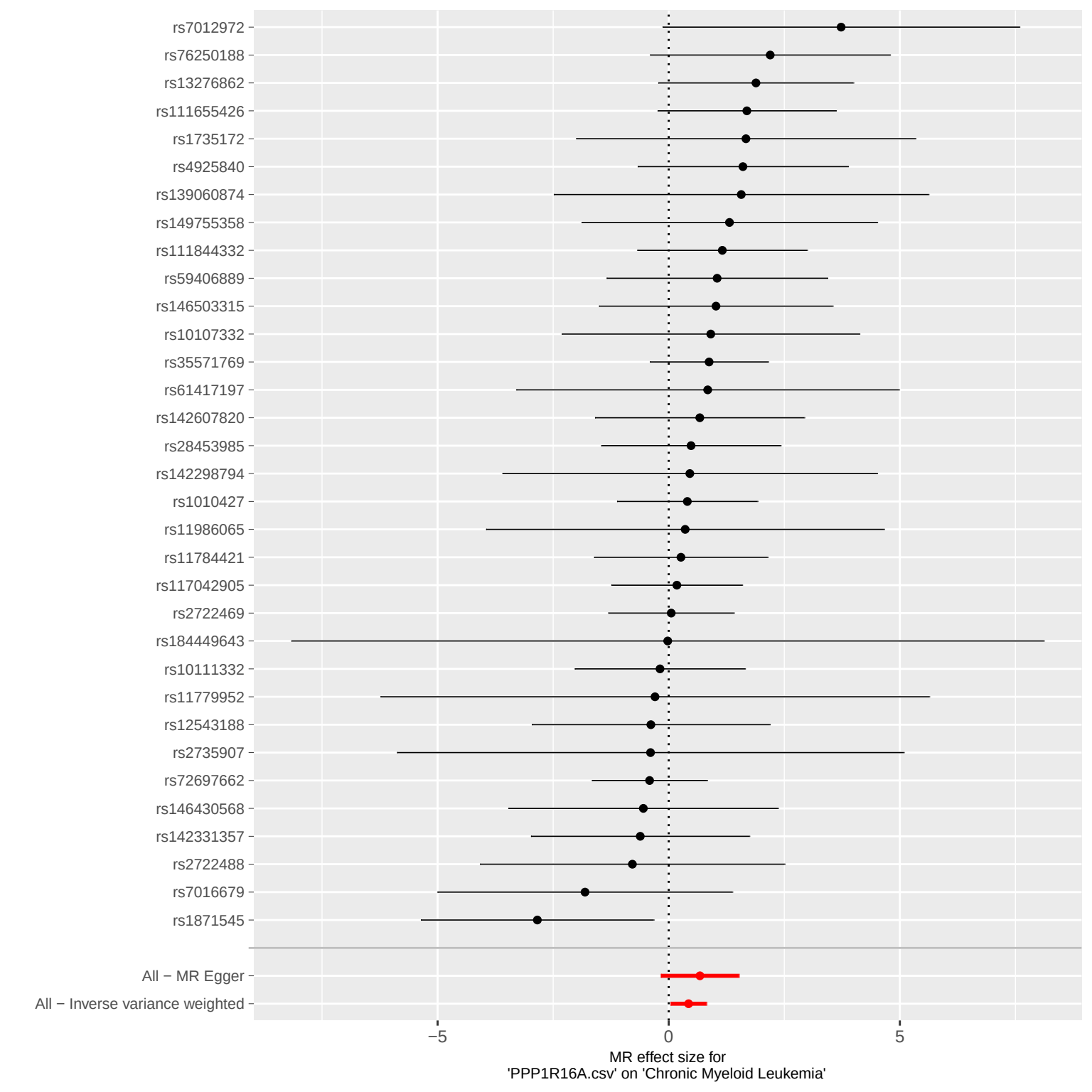
0.0
2.5
5.0
7.5
MR effect size for
'PPP1R3G.csv' on 'Chronic Myeloid Leukemia'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rs146430568
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rs2722488
rs7016679
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All − MR Egger
All − Inverse variance weighted
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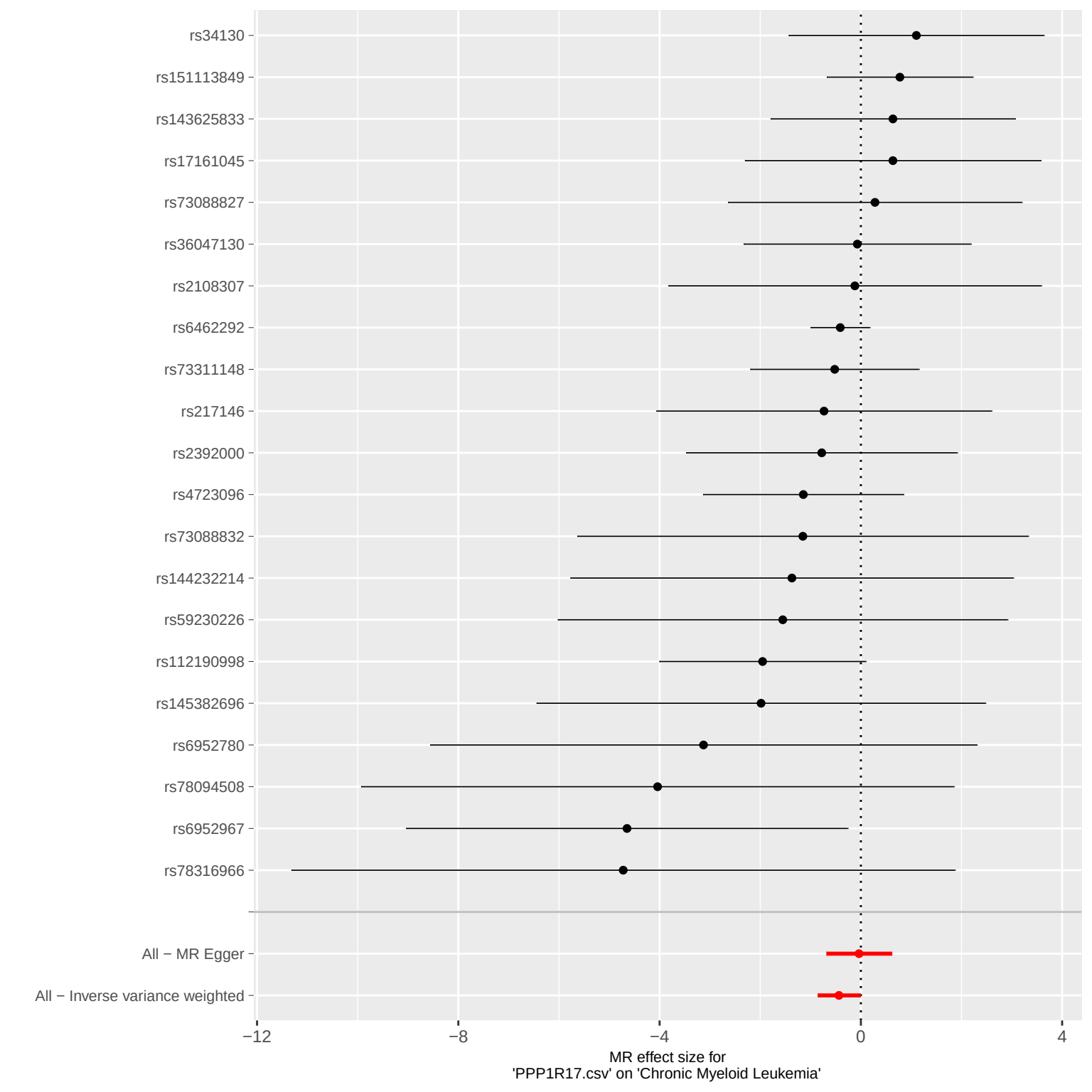
MR effect size for
'PPP1R16A.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
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−4
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MR effect size for
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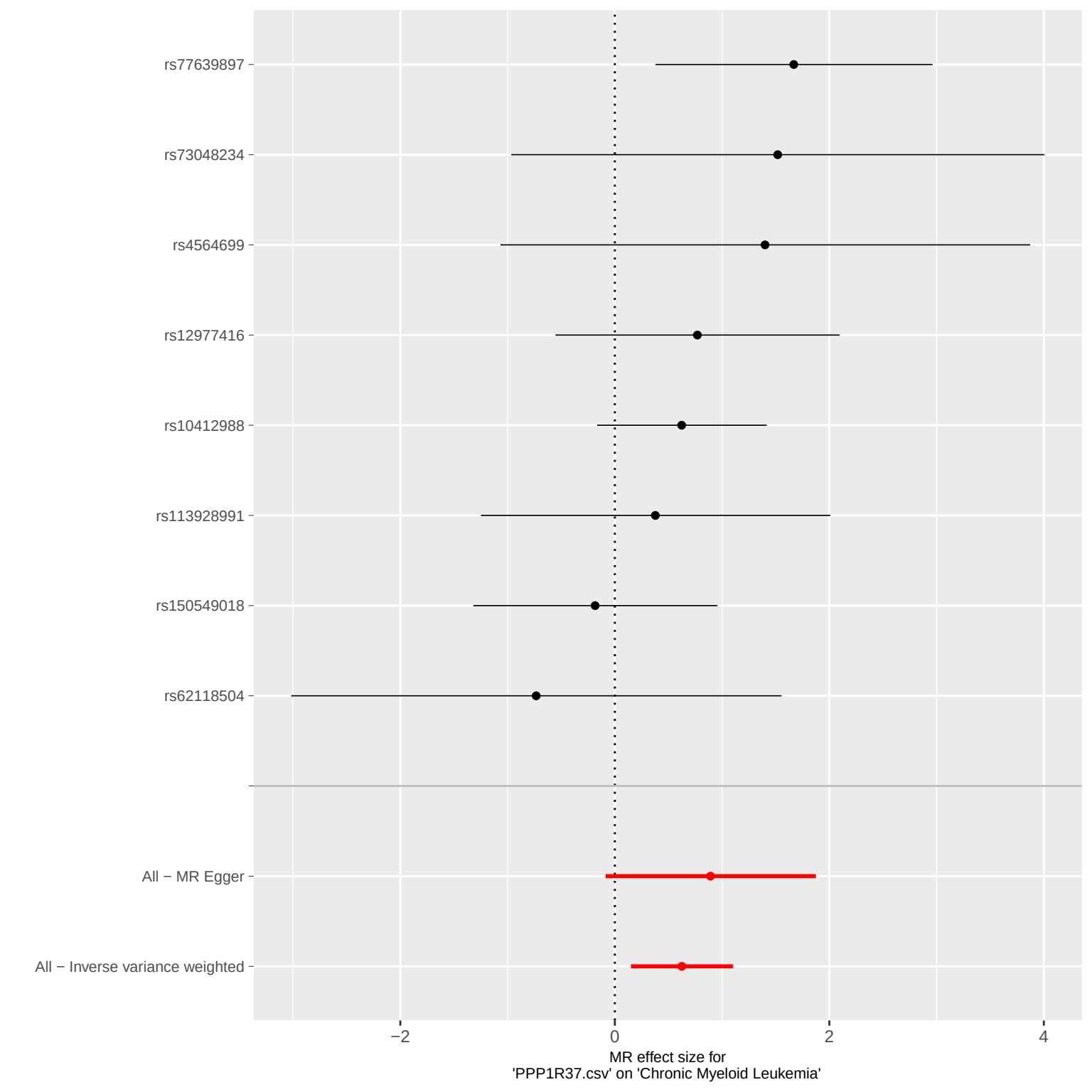
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All − Inverse variance weighted
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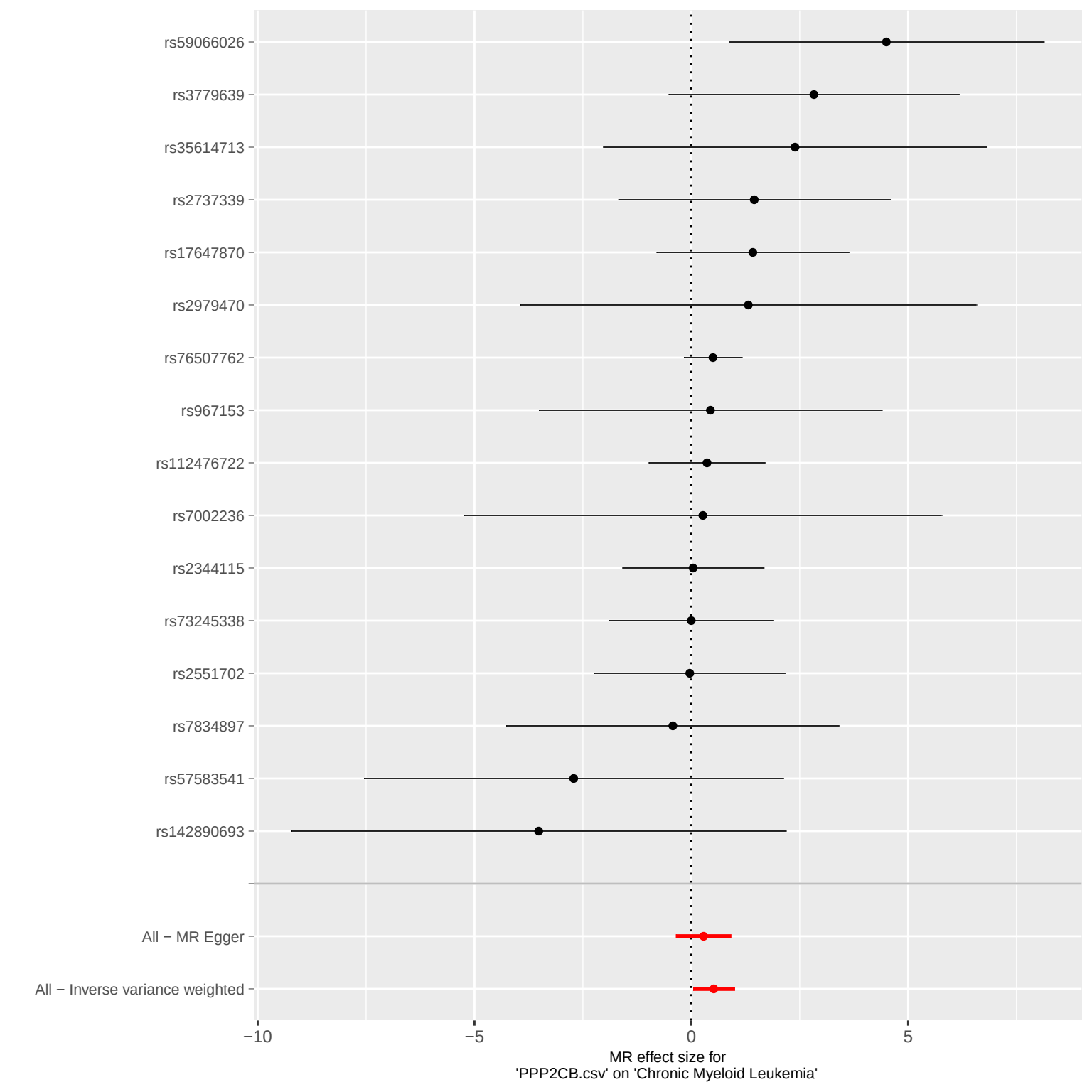
'PPP1R37.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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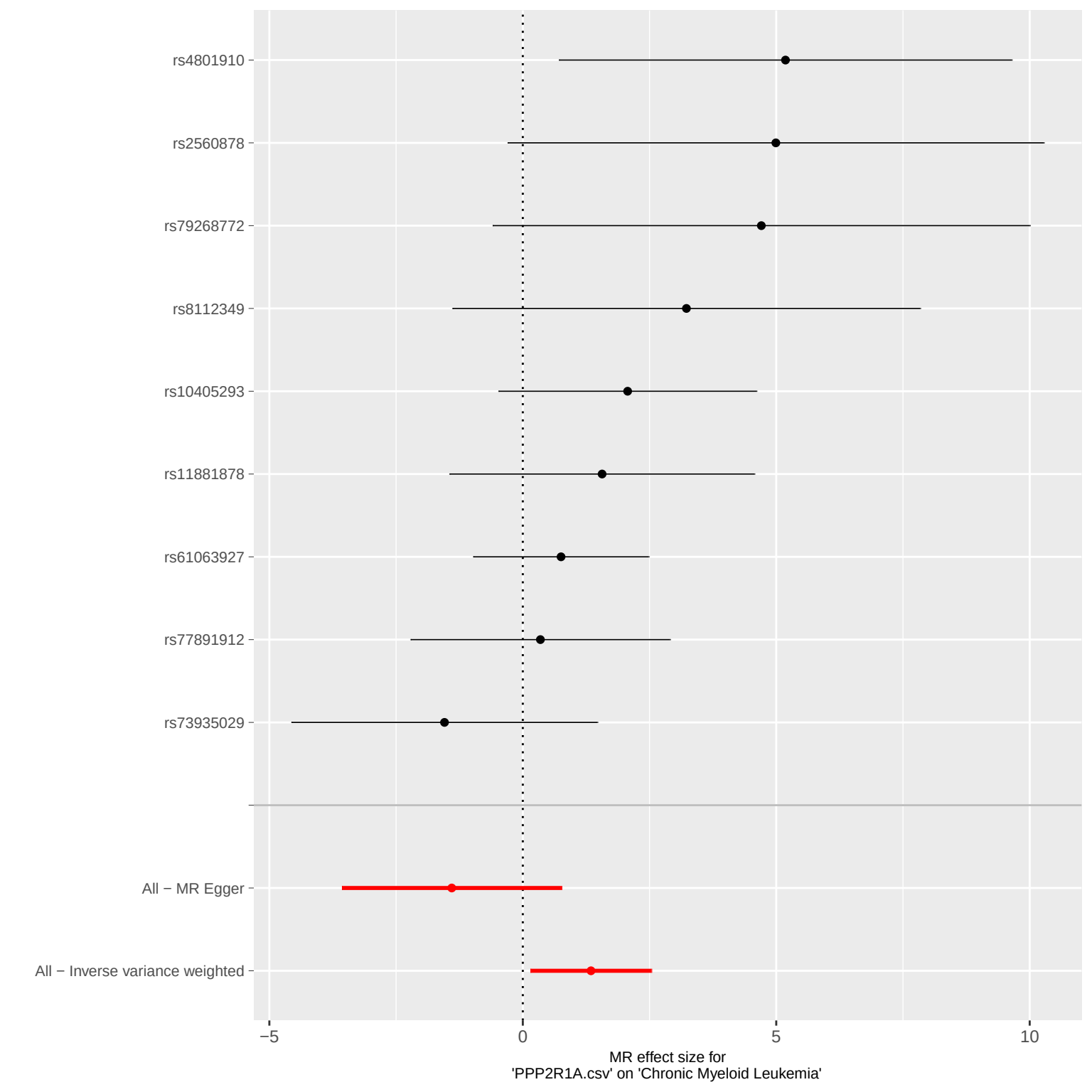
MR effect size for
'PPP2CB.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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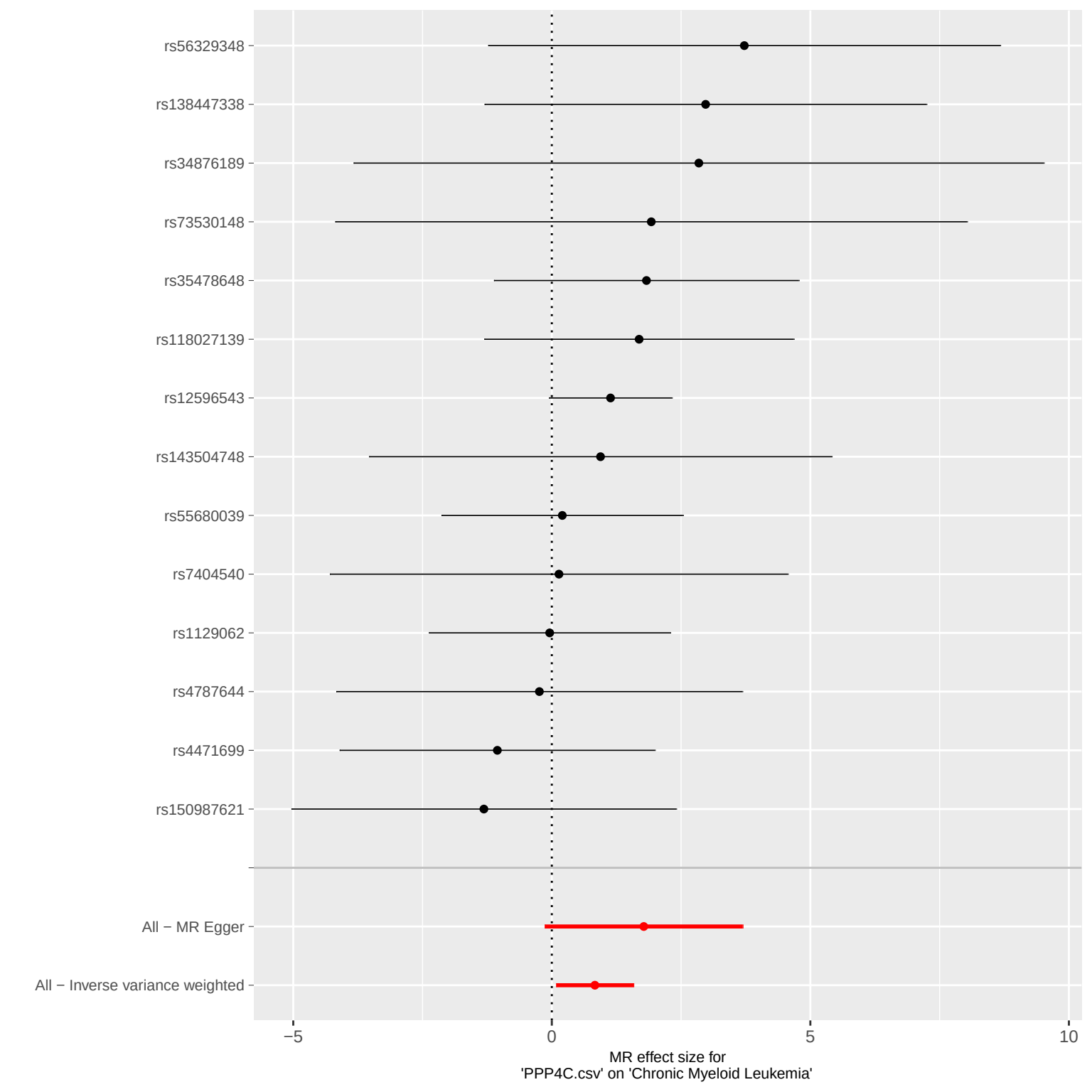
MR effect size for
'PPP2R1A.csv' on 'Chronic Myeloid Leukemia'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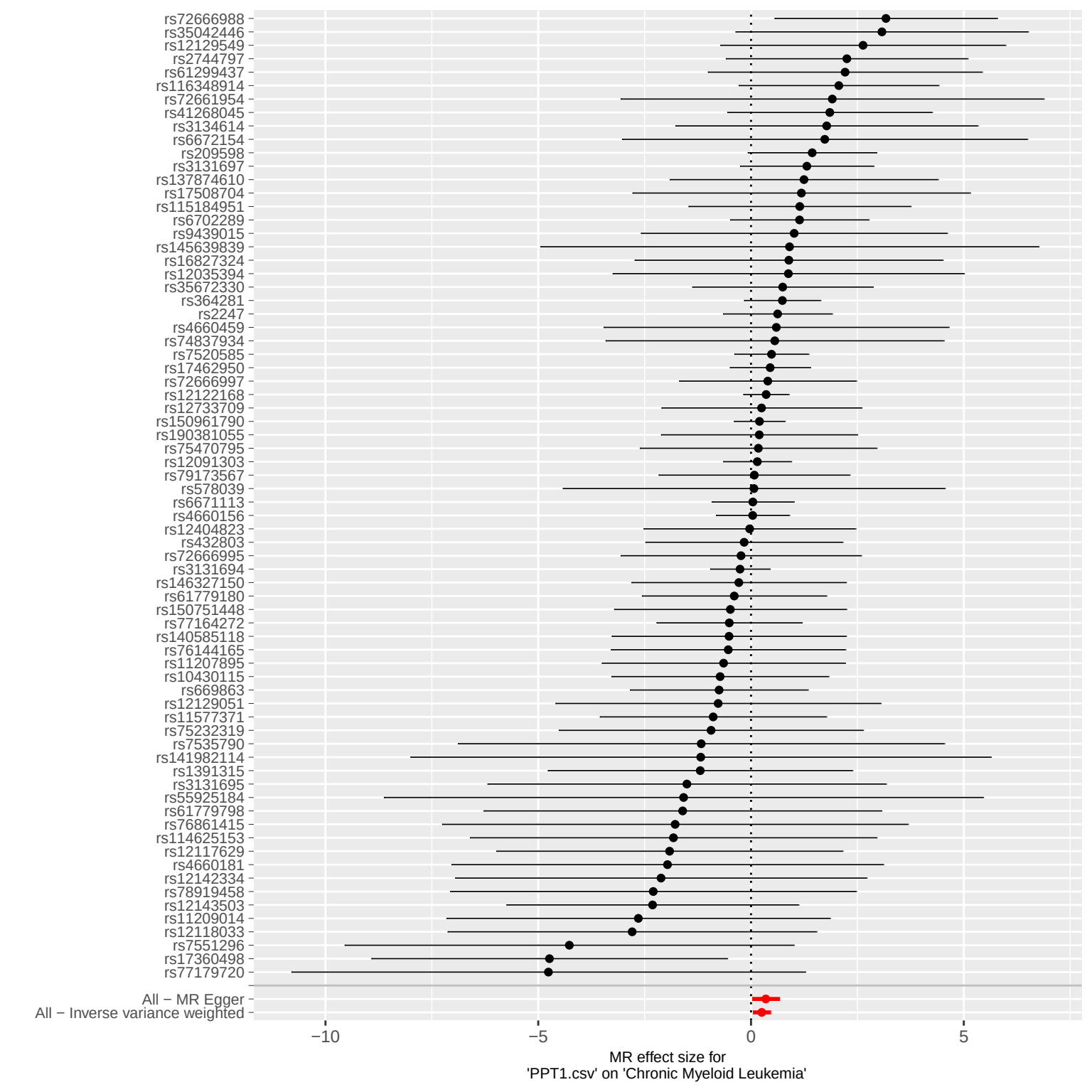
MR effect size for
'PPP4C.csv' on 'Chronic Myeloid Leukemia'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rs7551296
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All − MR Egger
All − Inverse variance weighted
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−5
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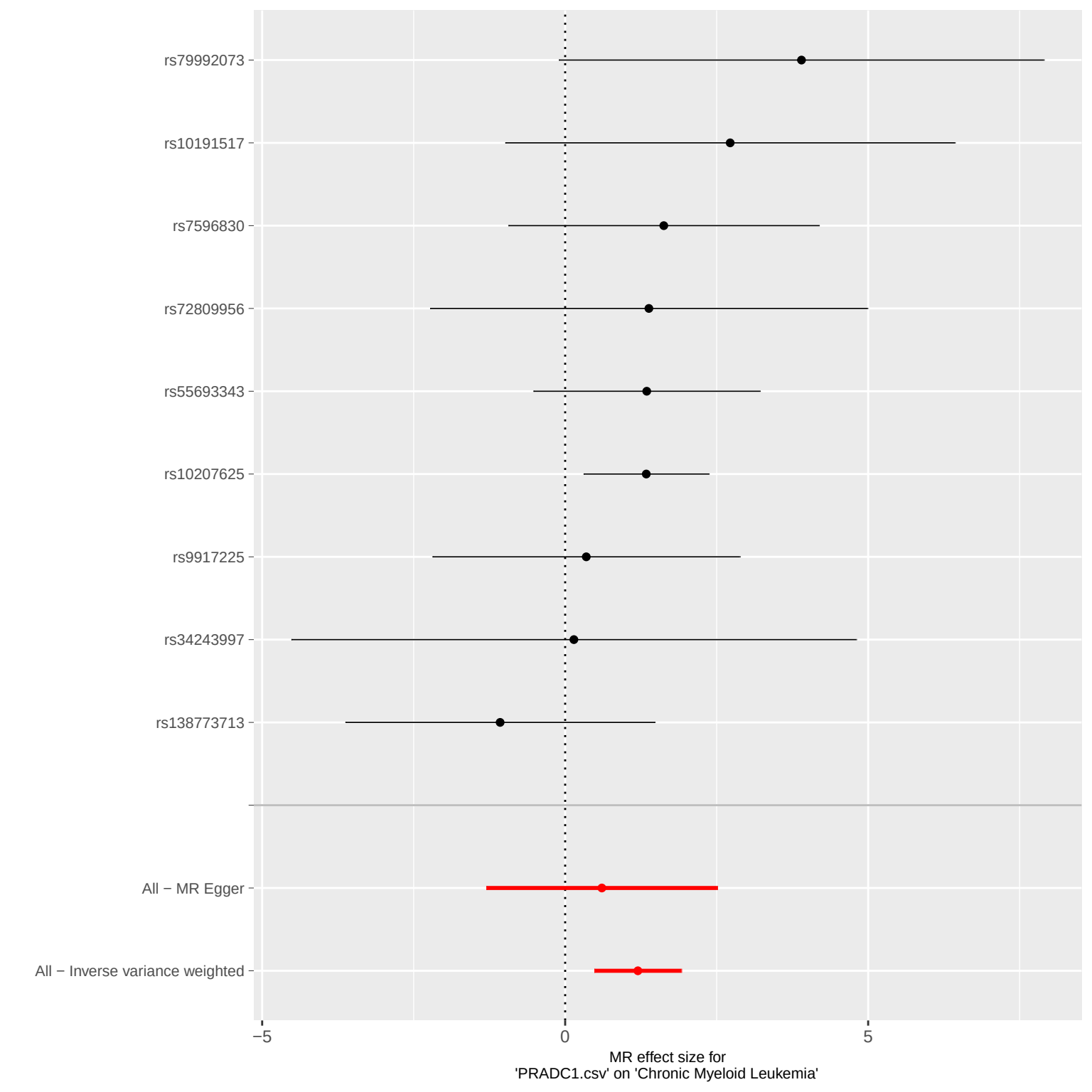
5
MR effect size for
'PPT1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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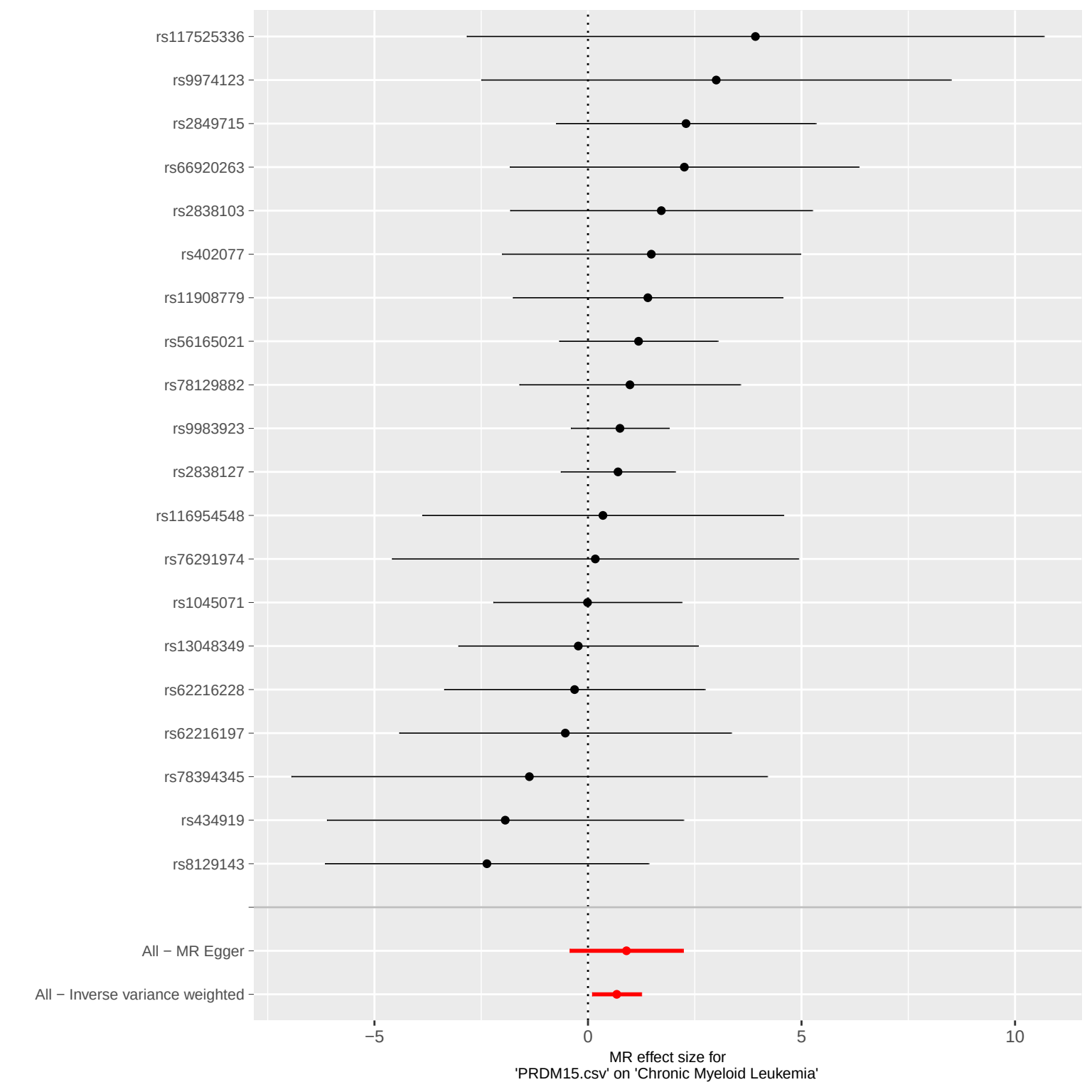
5
MR effect size for
'PRADC1.csv' on 'Chronic Myeloid Leukemia'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rs1045071
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rs62216228
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rs78394345
rs434919
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All − MR Egger
All − Inverse variance weighted
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0
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10
MR effect size for
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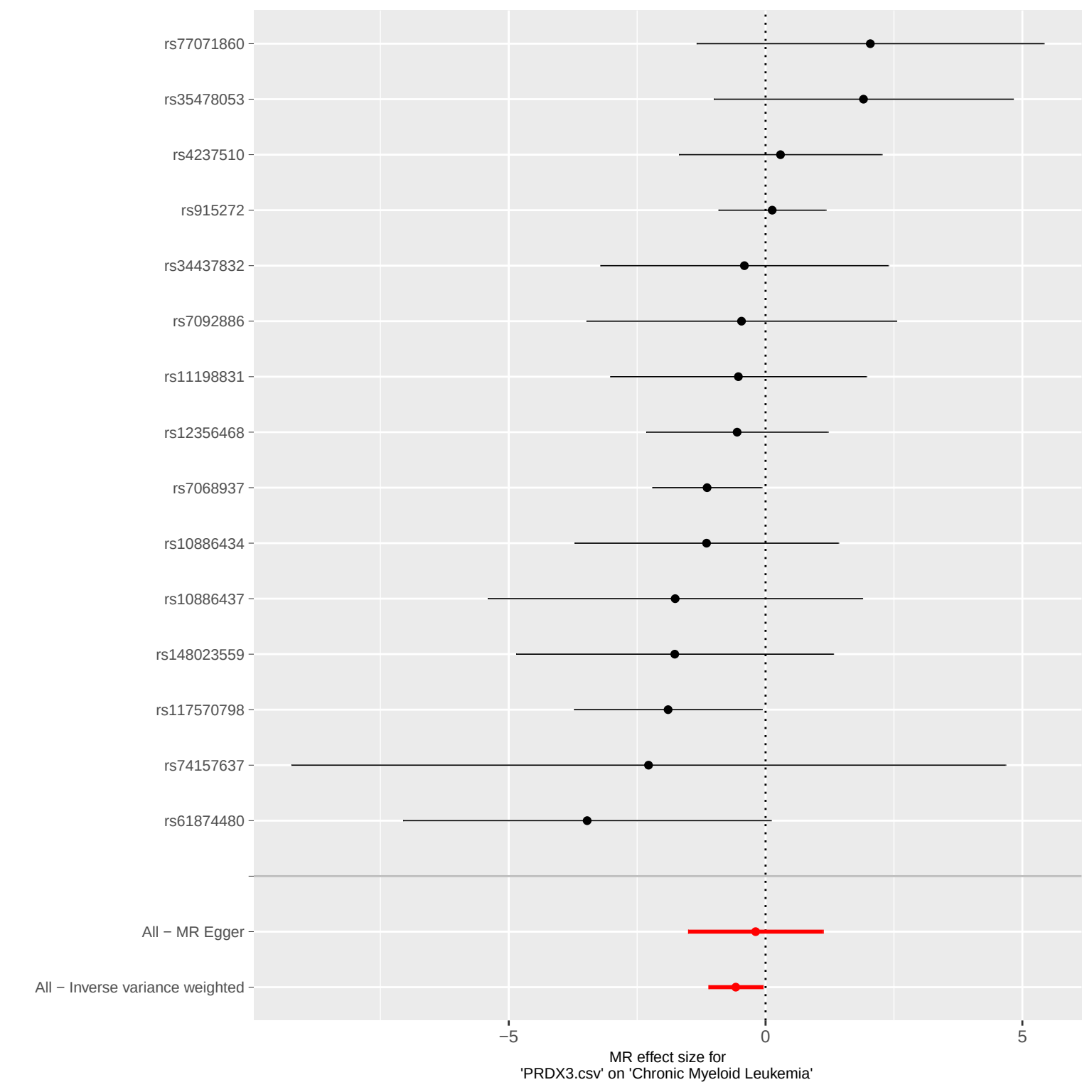
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All − Inverse variance weighted
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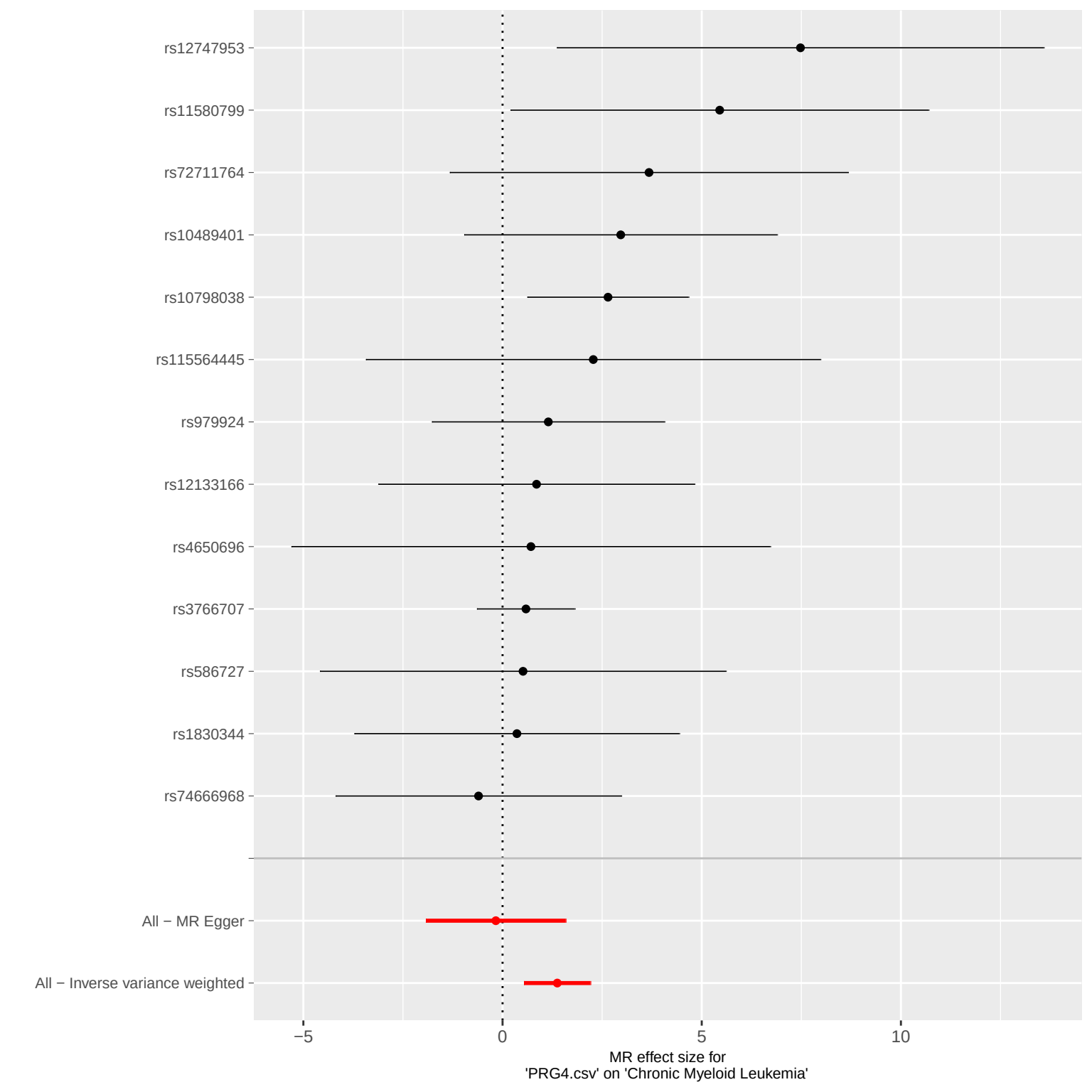
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All − Inverse variance weighted
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MR effect size for
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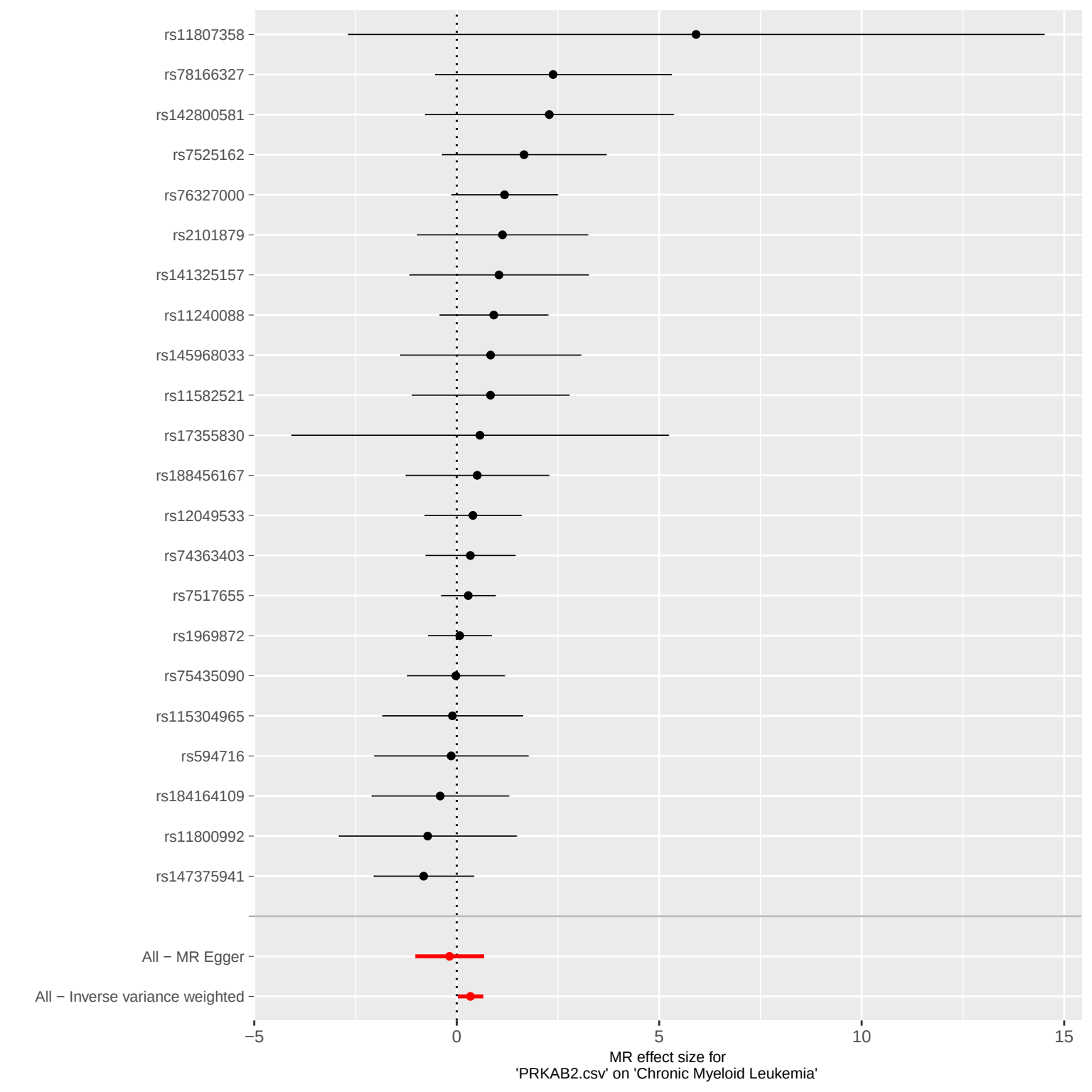
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rs75435090
rs115304965
rs594716
rs184164109
rs11800992
rs147375941
All − MR Egger
All − Inverse variance weighted
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5
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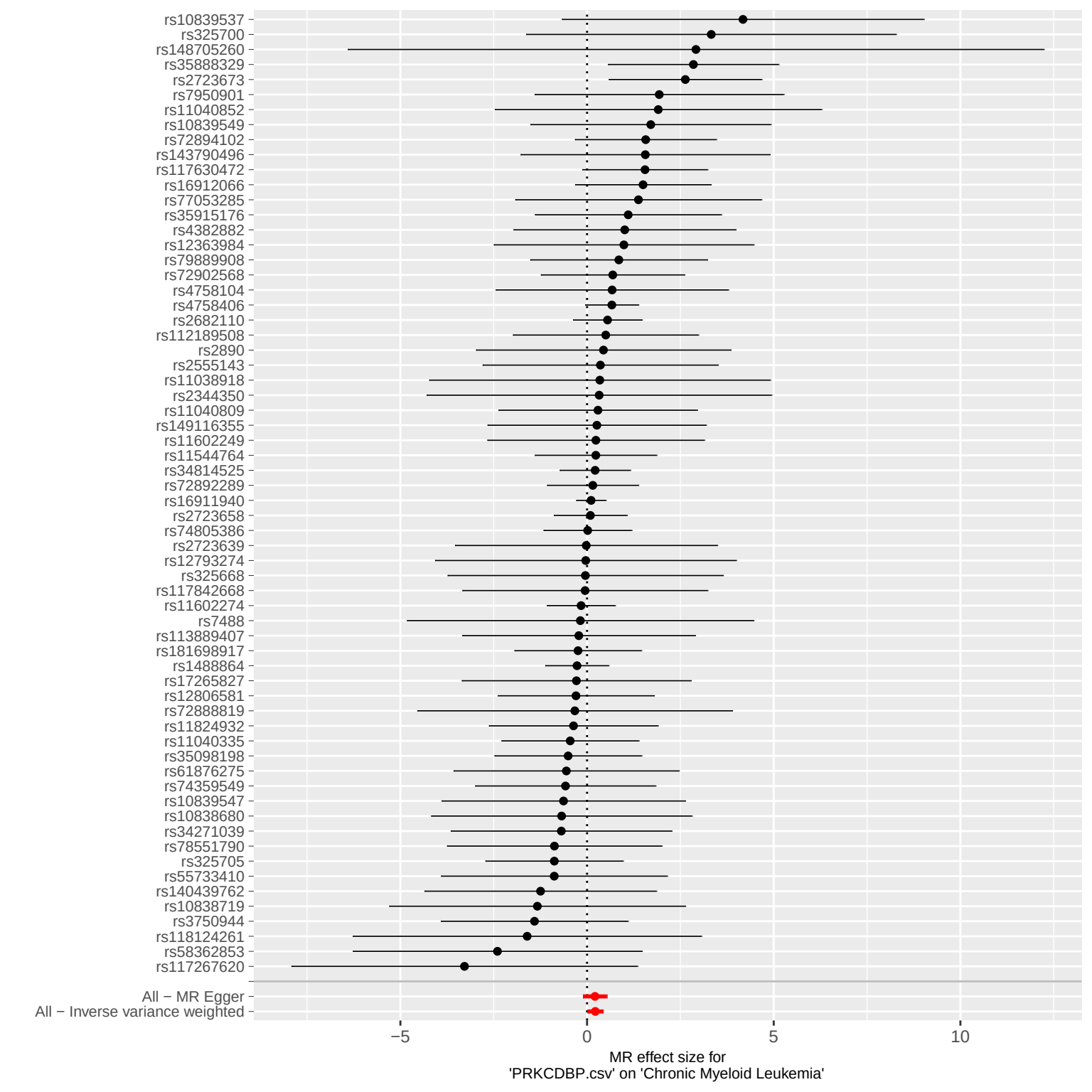
MR effect size for
'PRKAB2.csv' on 'Chronic Myeloid Leukemia'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rs10838719
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rs118124261
rs58362853
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All − MR Egger
All − Inverse variance weighted
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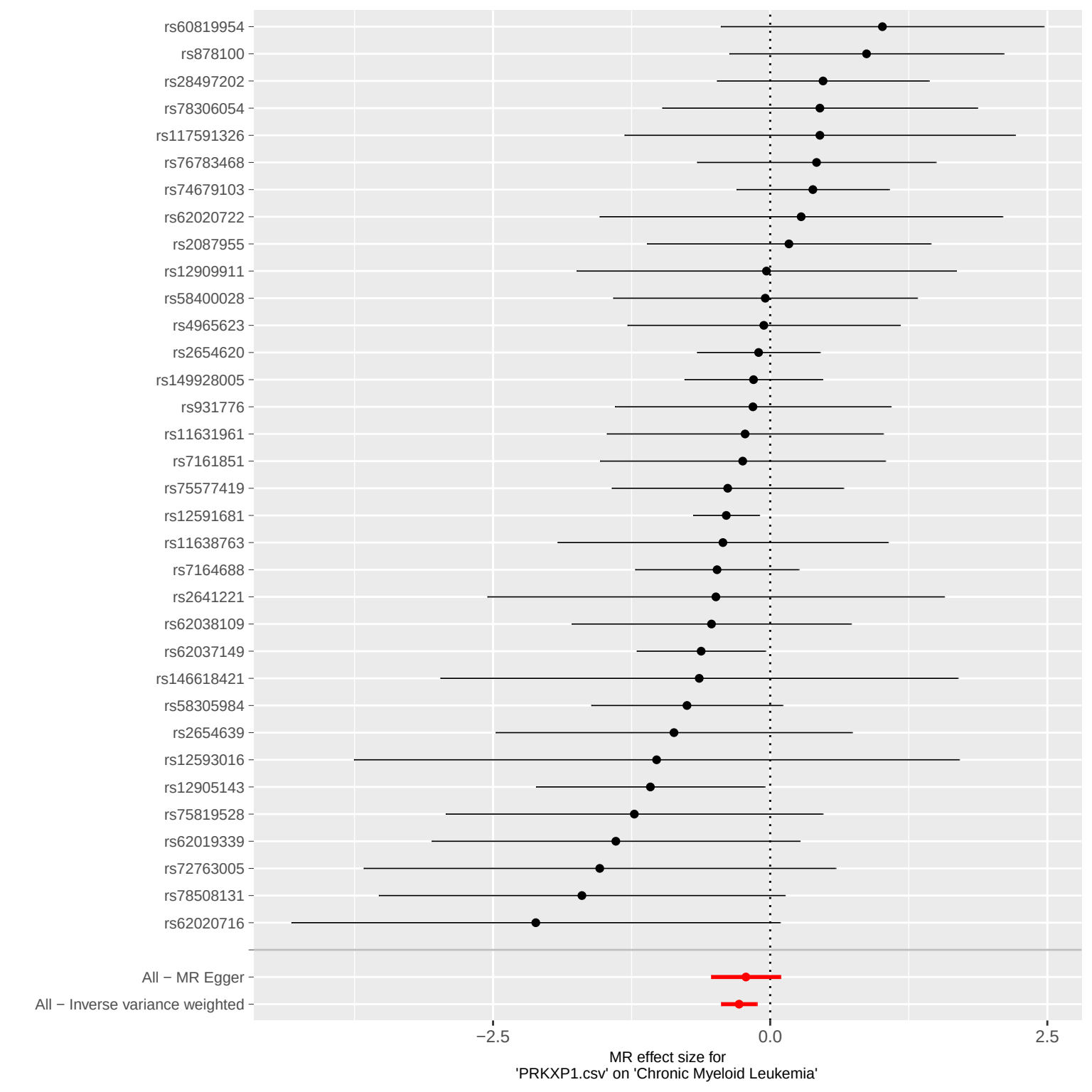
MR effect size for
'PRKCDBP.csv' on 'Chronic Myeloid Leukemia'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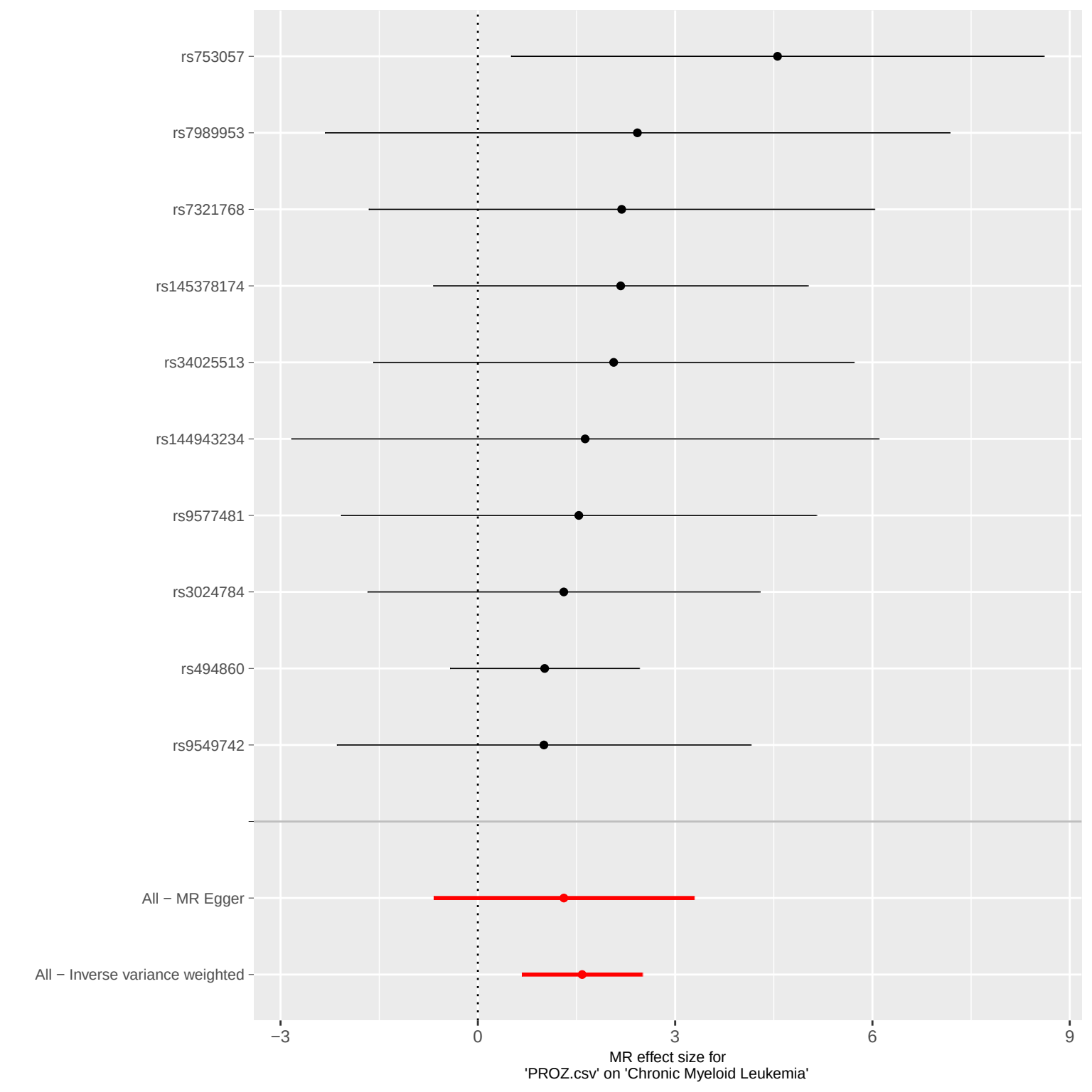
'PRKXP1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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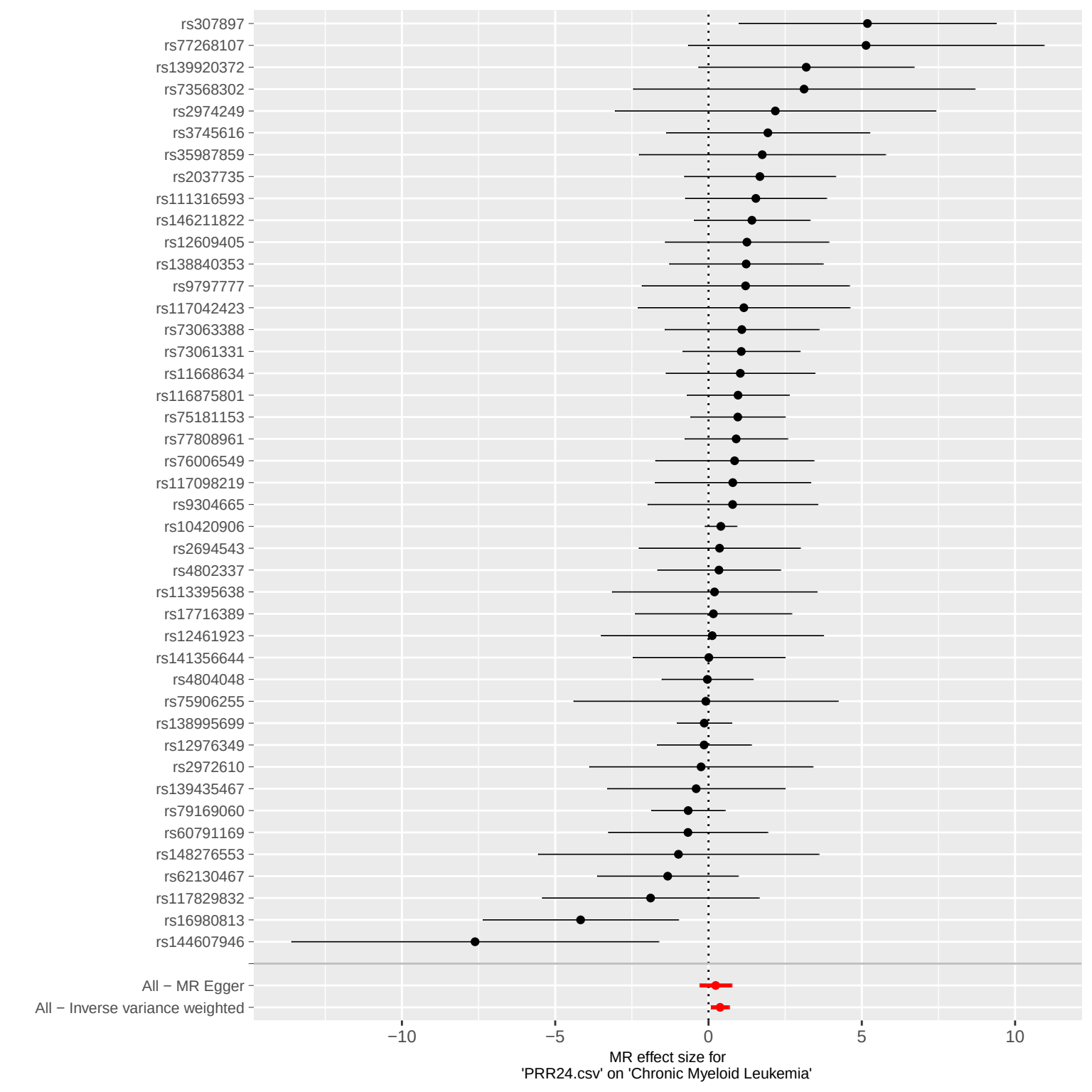
3
6
9
MR effect size for
'PROZ.csv' on 'Chronic Myeloid Leukemia'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rs16980813
rs144607946
All − MR Egger
All − Inverse variance weighted
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MR effect size for
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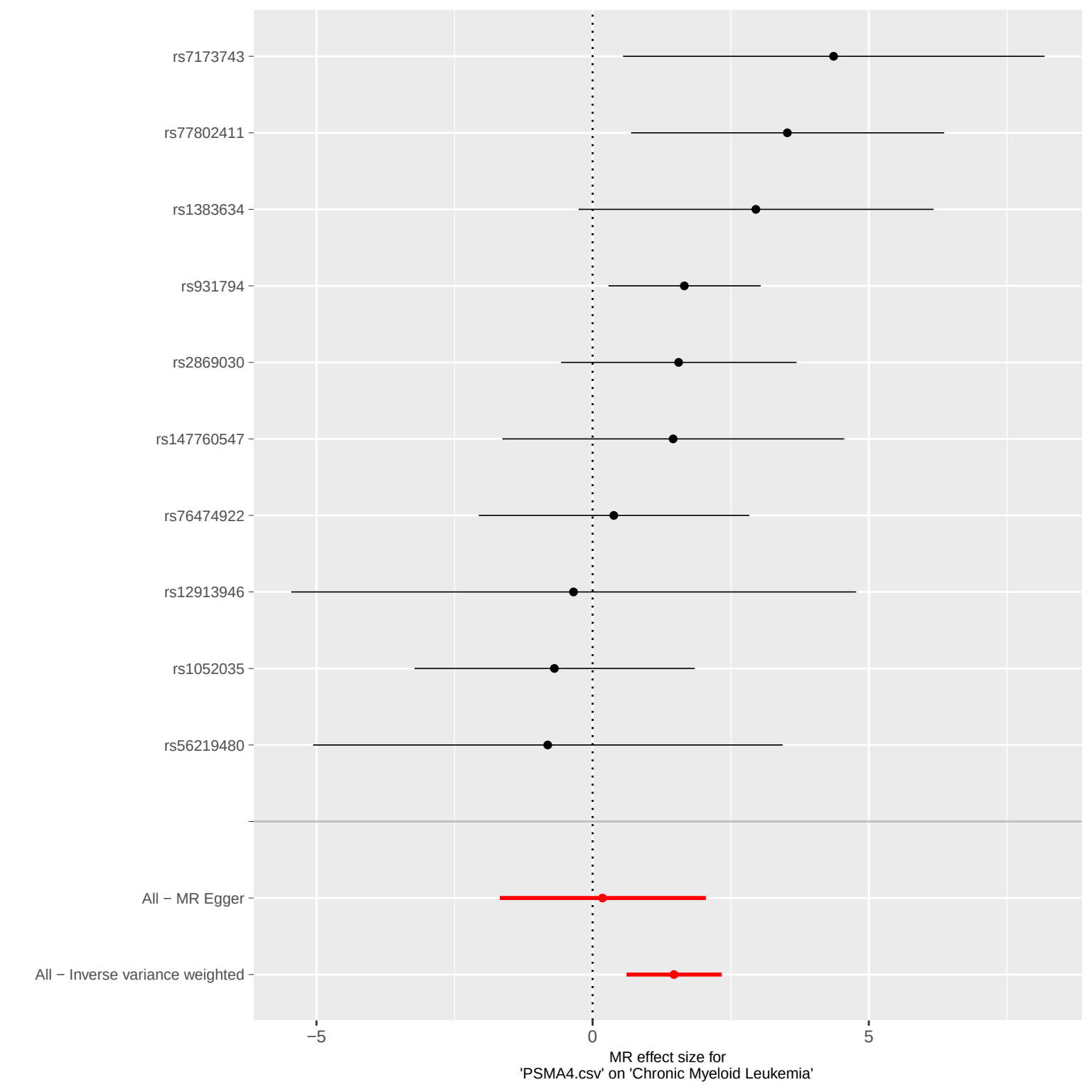
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All − Inverse variance weighted
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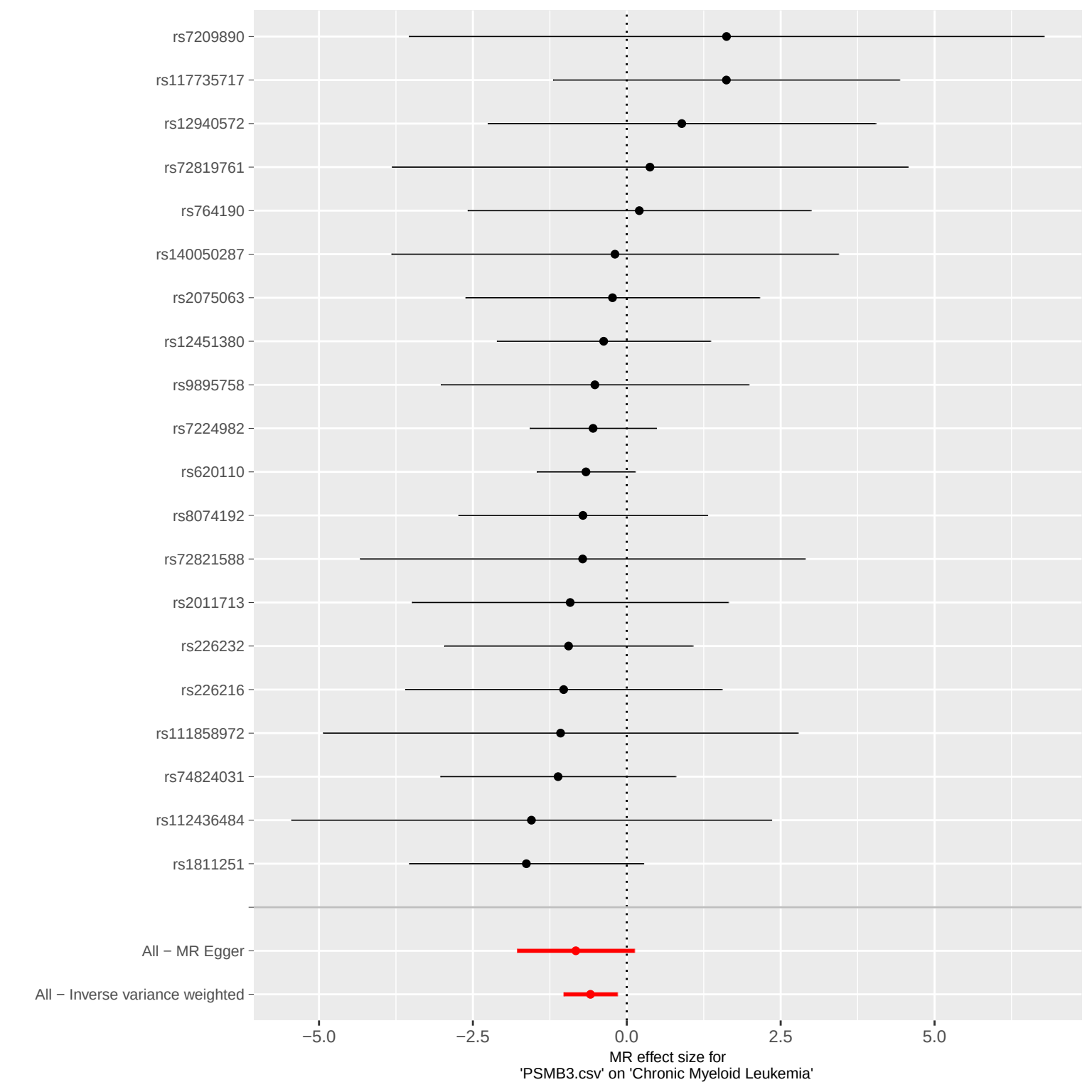
MR effect size for
'PSMA4.csv' on 'Chronic Myeloid Leukemia'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rs2011713
rs226232
rs226216
rs111858972
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rs112436484
rs1811251
All − MR Egger
All − Inverse variance weighted
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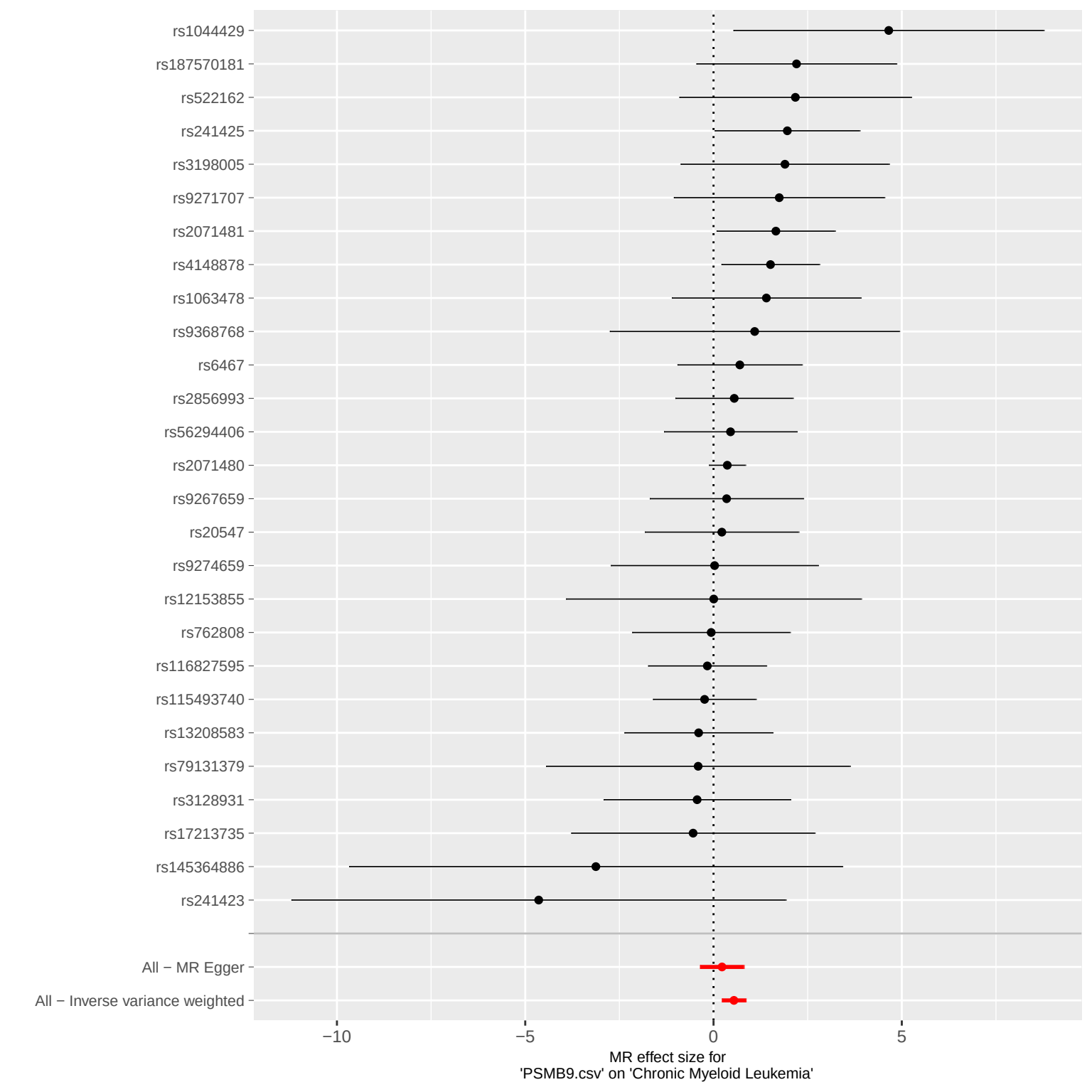
−2.5
0.0
2.5
5.0
MR effect size for
'PSMB3.csv' on 'Chronic Myeloid Leukemia'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rs2856993
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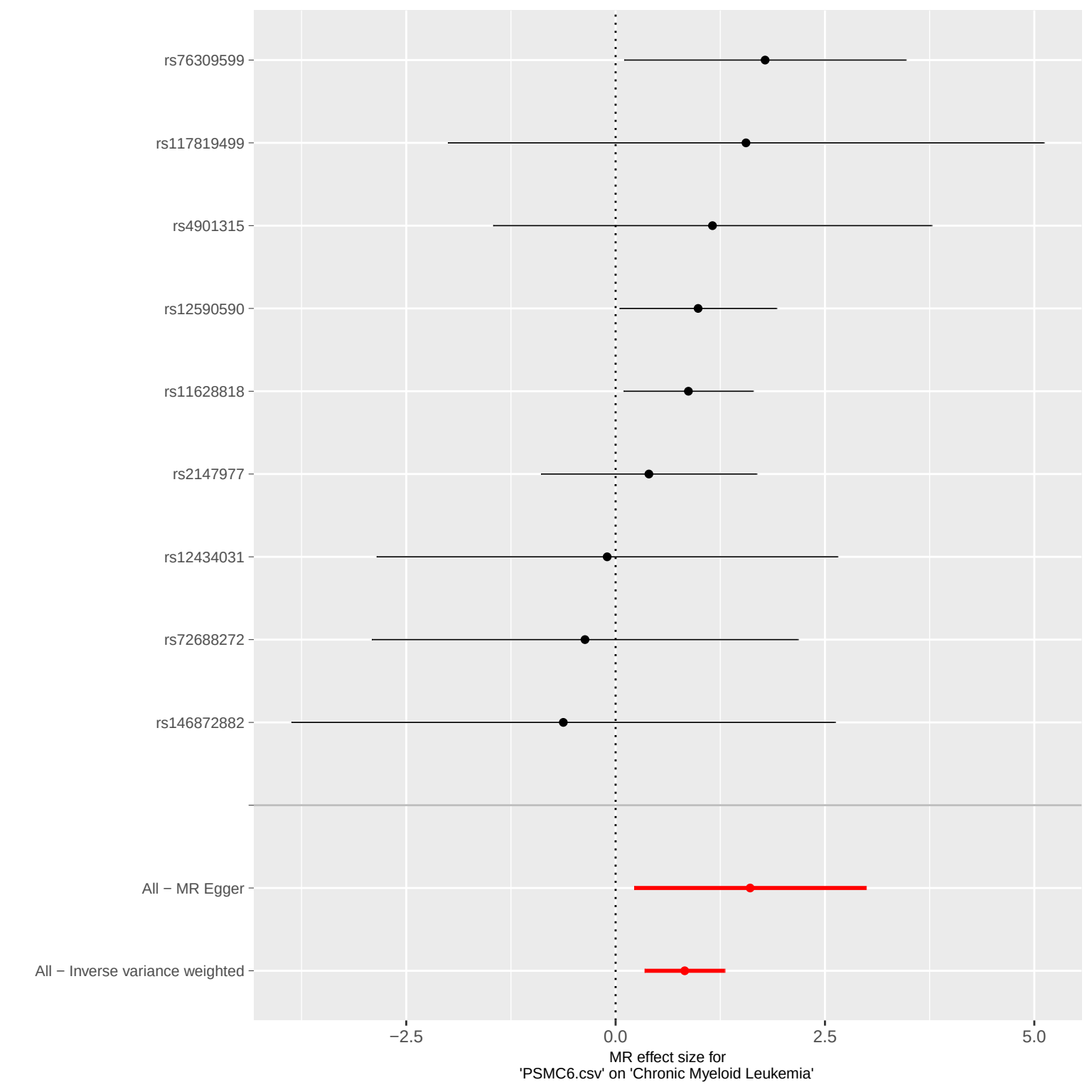
rs20547
rs9274659
rs12153855
rs762808
rs116827595
rs115493740
rs13208583
rs79131379
rs3128931
rs17213735
rs145364886
rs241423
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'PSMB9.csv' on 'Chronic Myeloid Leukemia'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rs2147977
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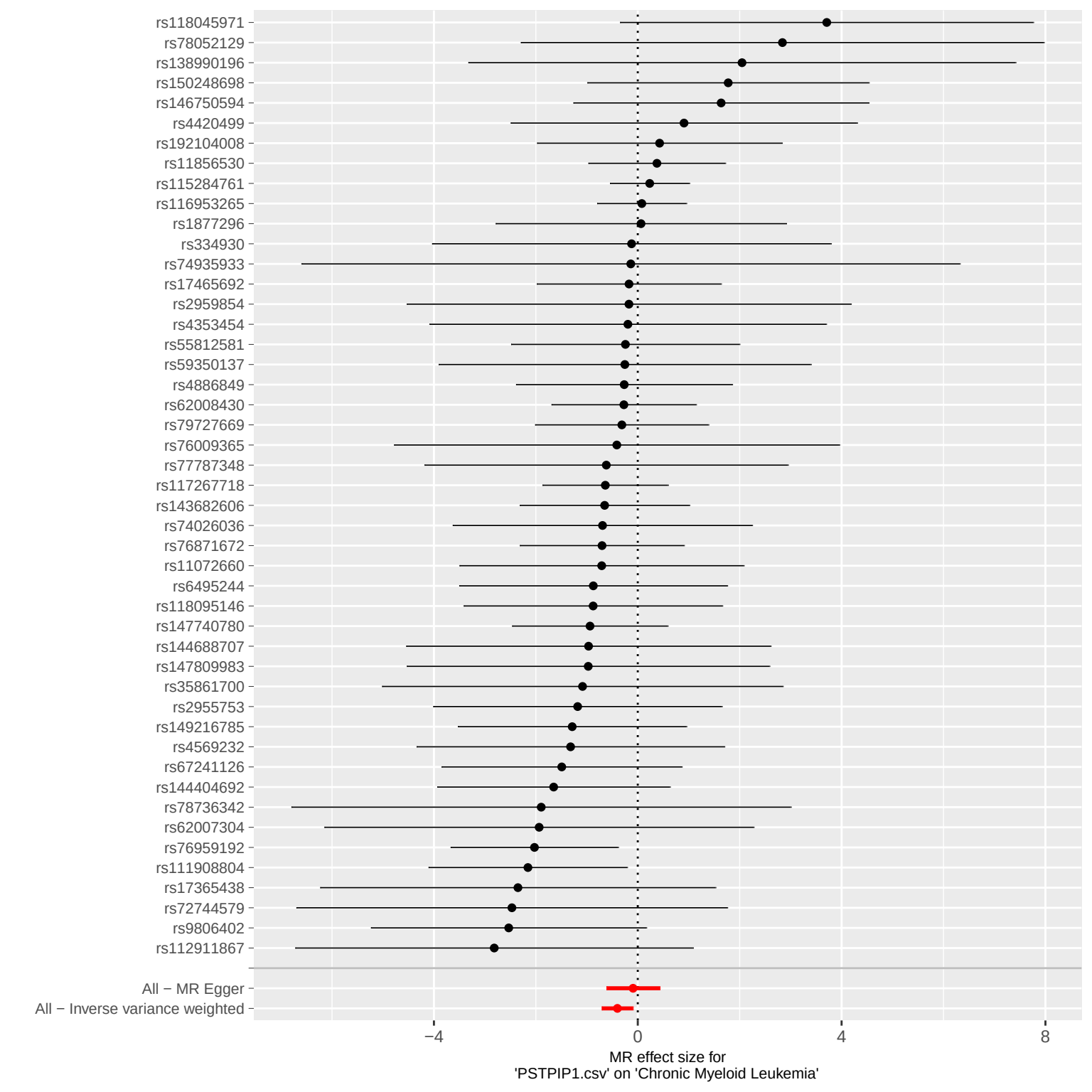
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'PSMC6.csv' on 'Chronic Myeloid Leukemia'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rs35861700
rs2955753
rs149216785
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rs144404692
rs78736342
rs62007304
rs76959192
rs111908804
rs17365438
rs72744579
rs9806402
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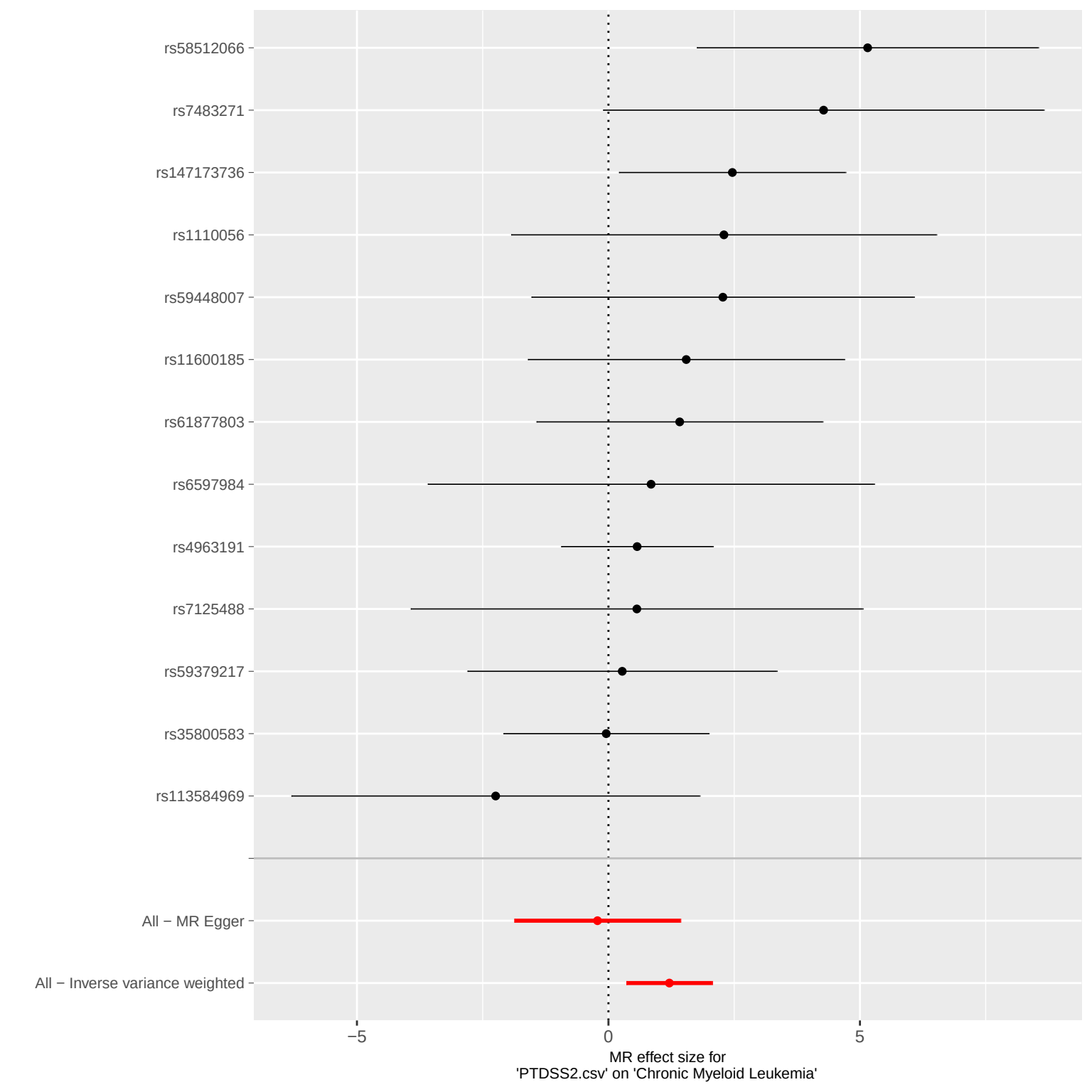
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'PSTPIP1.csv' on 'Chronic Myeloid Leukemia'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rs7125488
rs59379217
rs35800583
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All − MR Egger
All − Inverse variance weighted
−5
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MR effect size for
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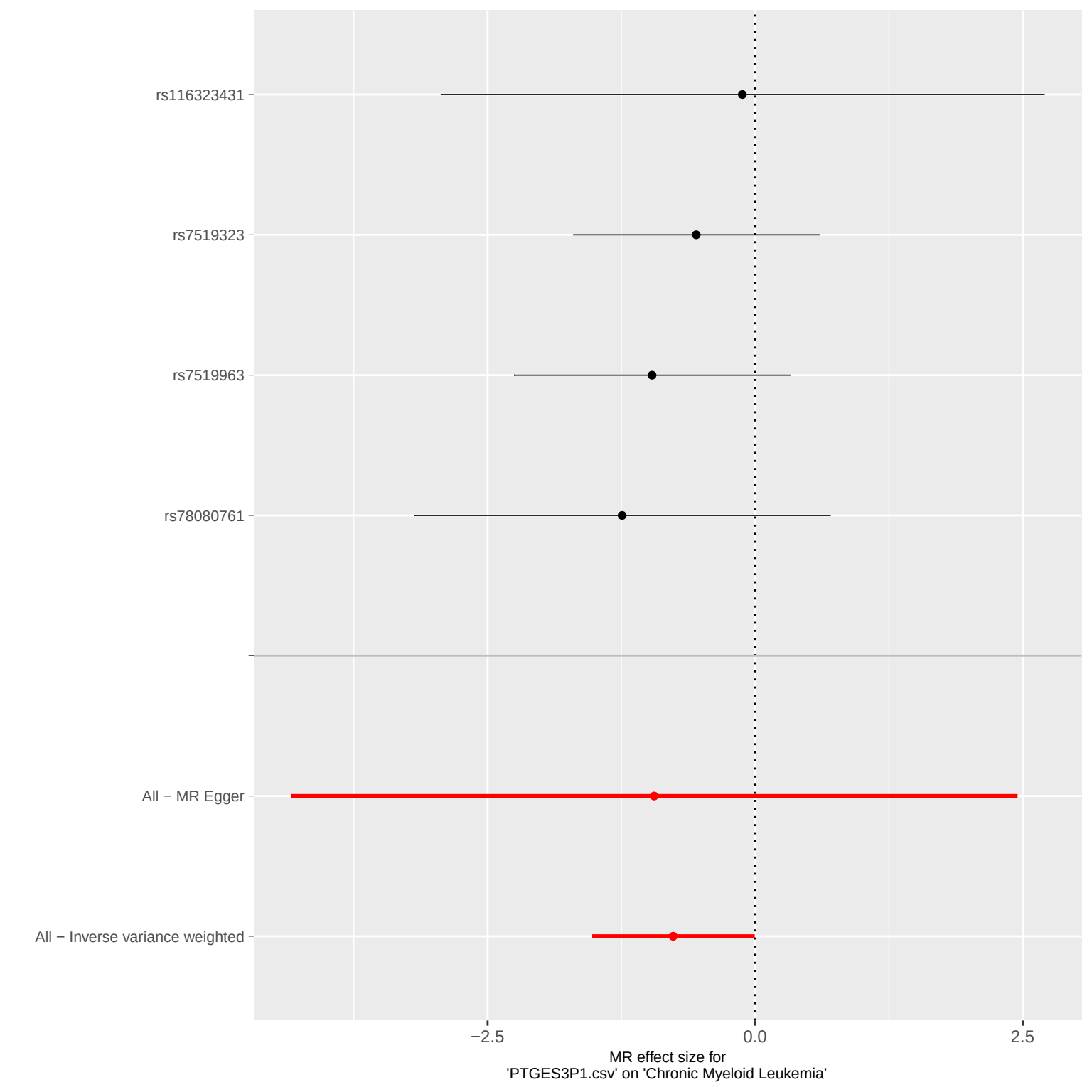
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rs7519963
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All − Inverse variance weighted
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0.0
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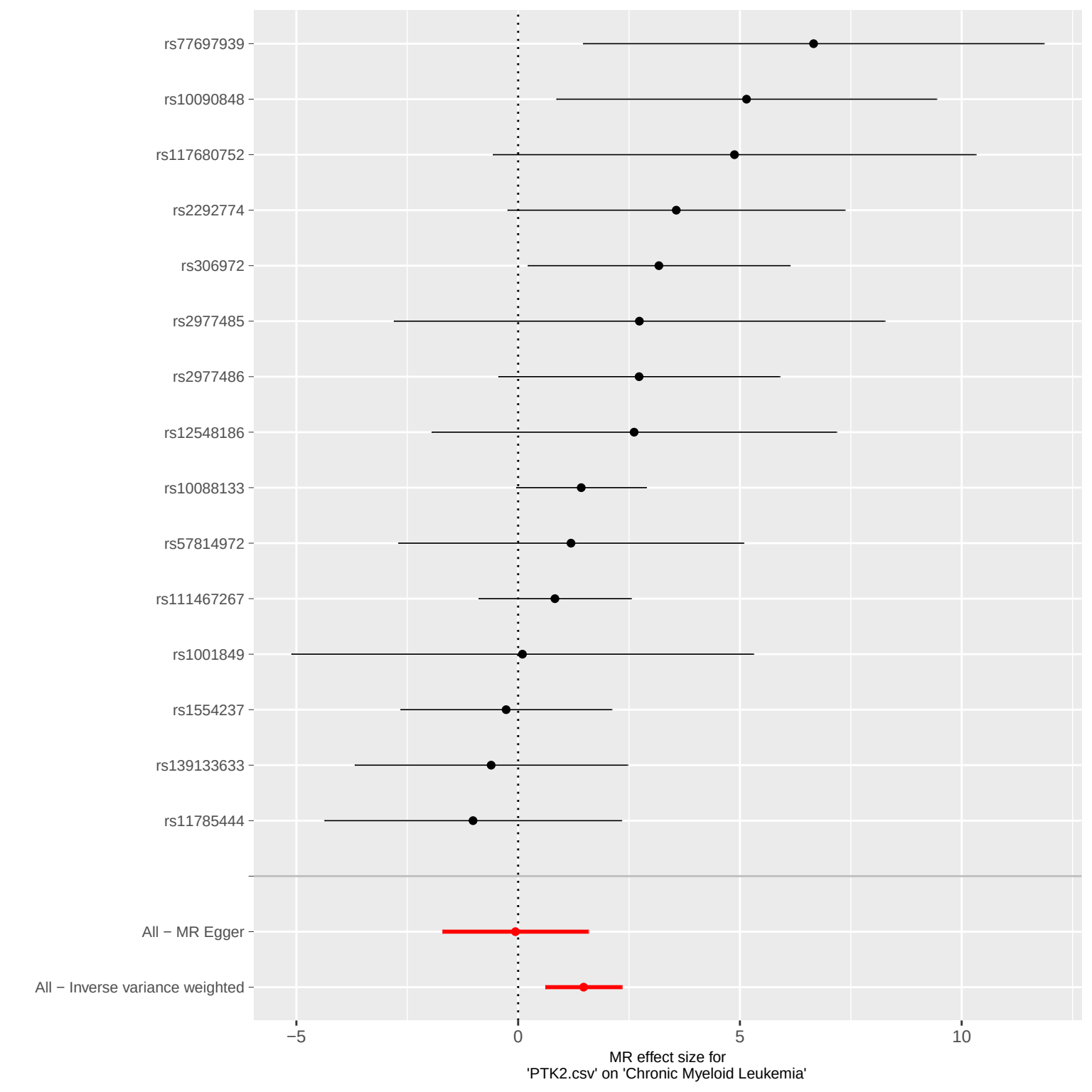
MR effect size for
'PTGES3P1.csv' on 'Chronic Myeloid Leukemia'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rs1554237
rs139133633
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All − Inverse variance weighted
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MR effect size for
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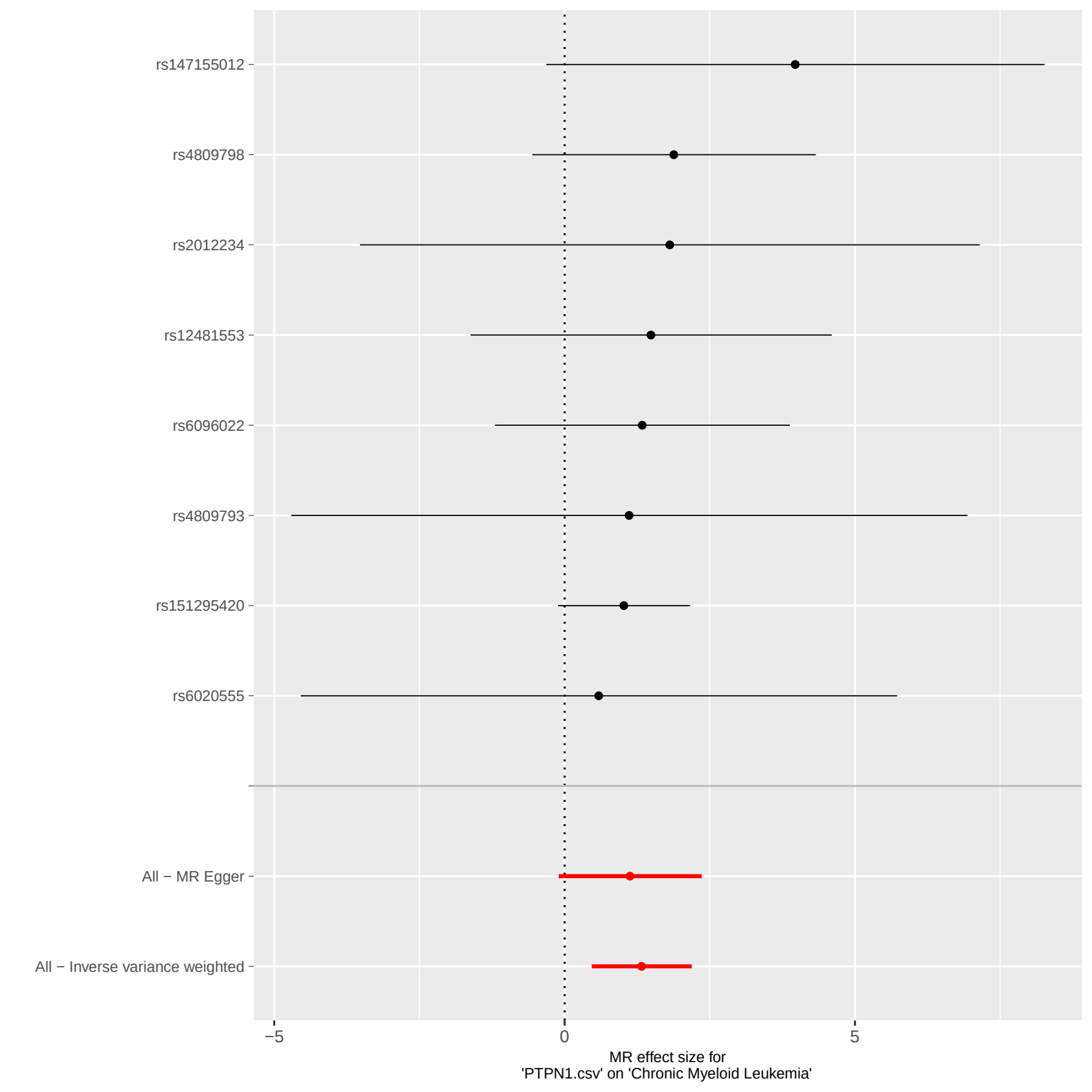
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All − Inverse variance weighted
−5
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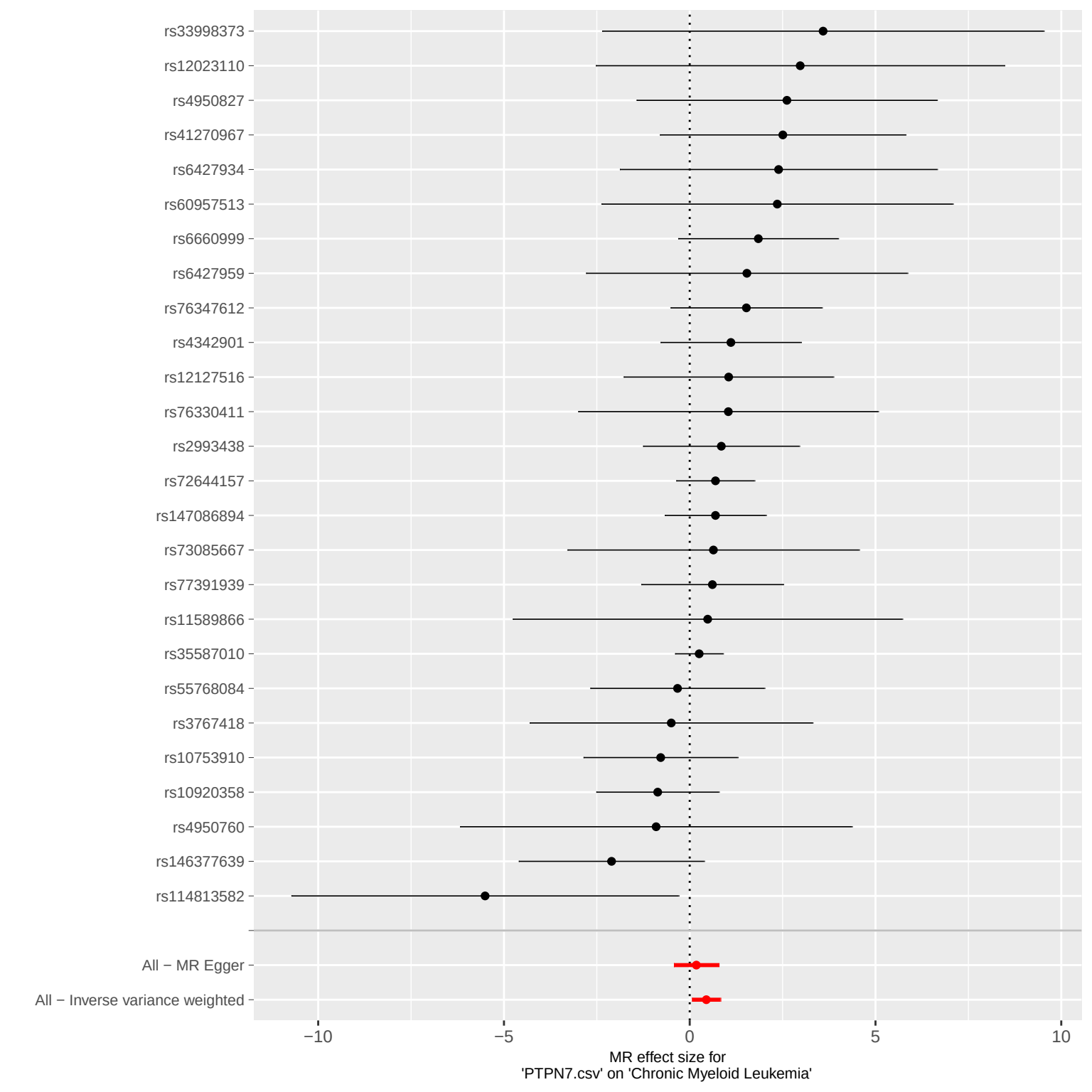
MR effect size for
'PTPN1.csv' on 'Chronic Myeloid Leukemia'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rs10920358
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rs146377639
rs114813582
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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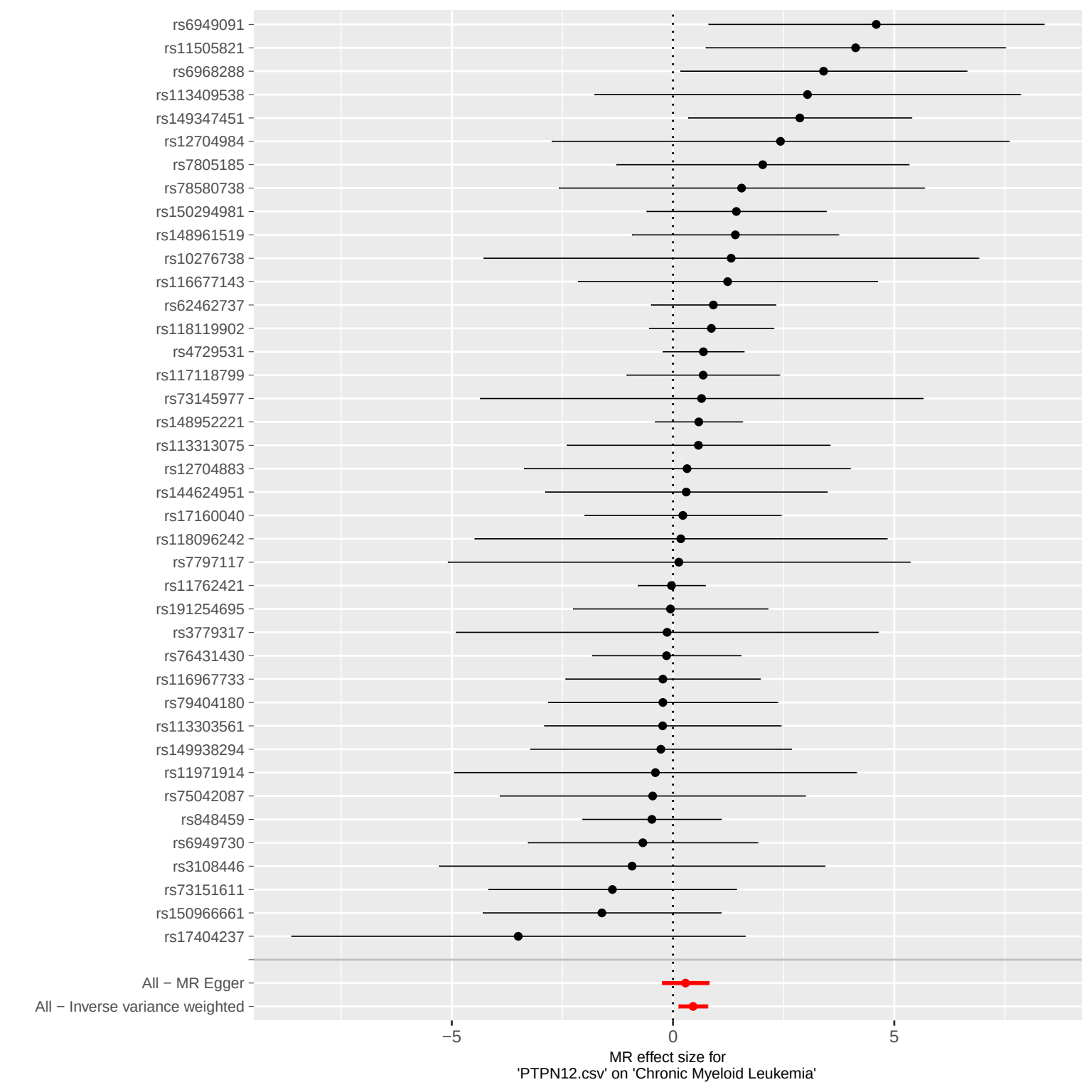
MR effect size for
'PTPN7.csv' on 'Chronic Myeloid Leukemia'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rs848459
rs6949730
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All − MR Egger
All − Inverse variance weighted
−5
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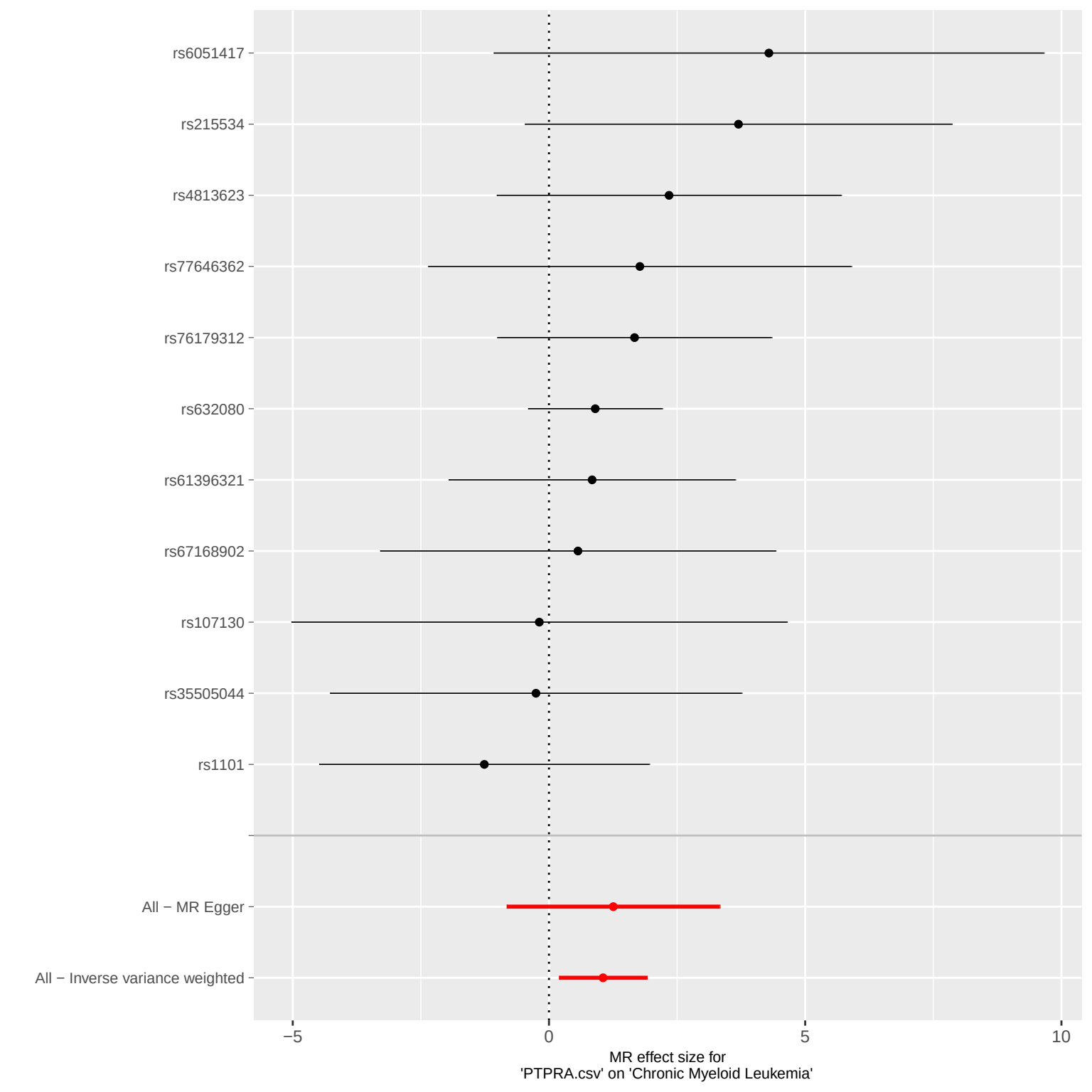
5
MR effect size for
'PTPN12.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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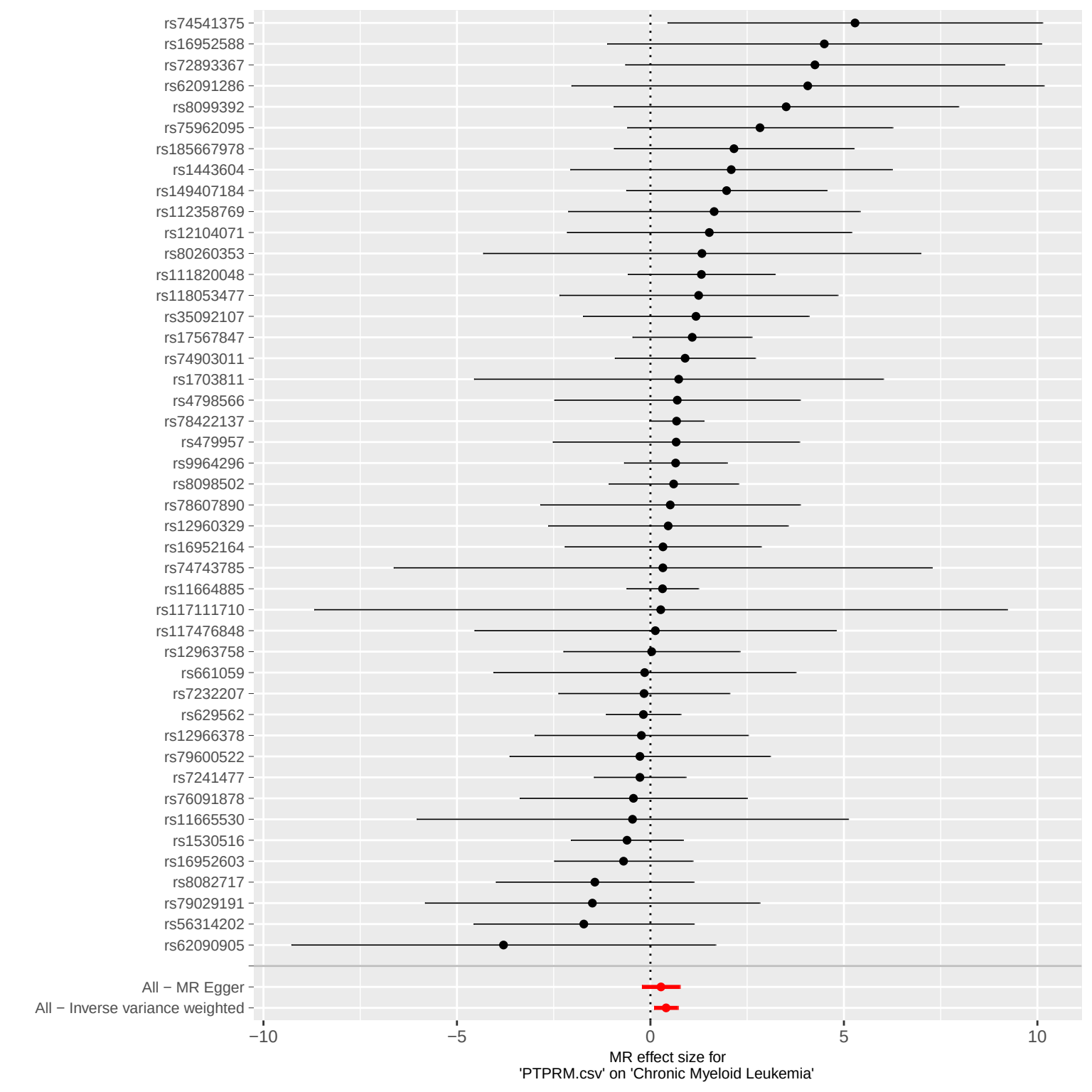
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rs79600522
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rs56314202
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All − MR Egger
All − Inverse variance weighted
−10
−5
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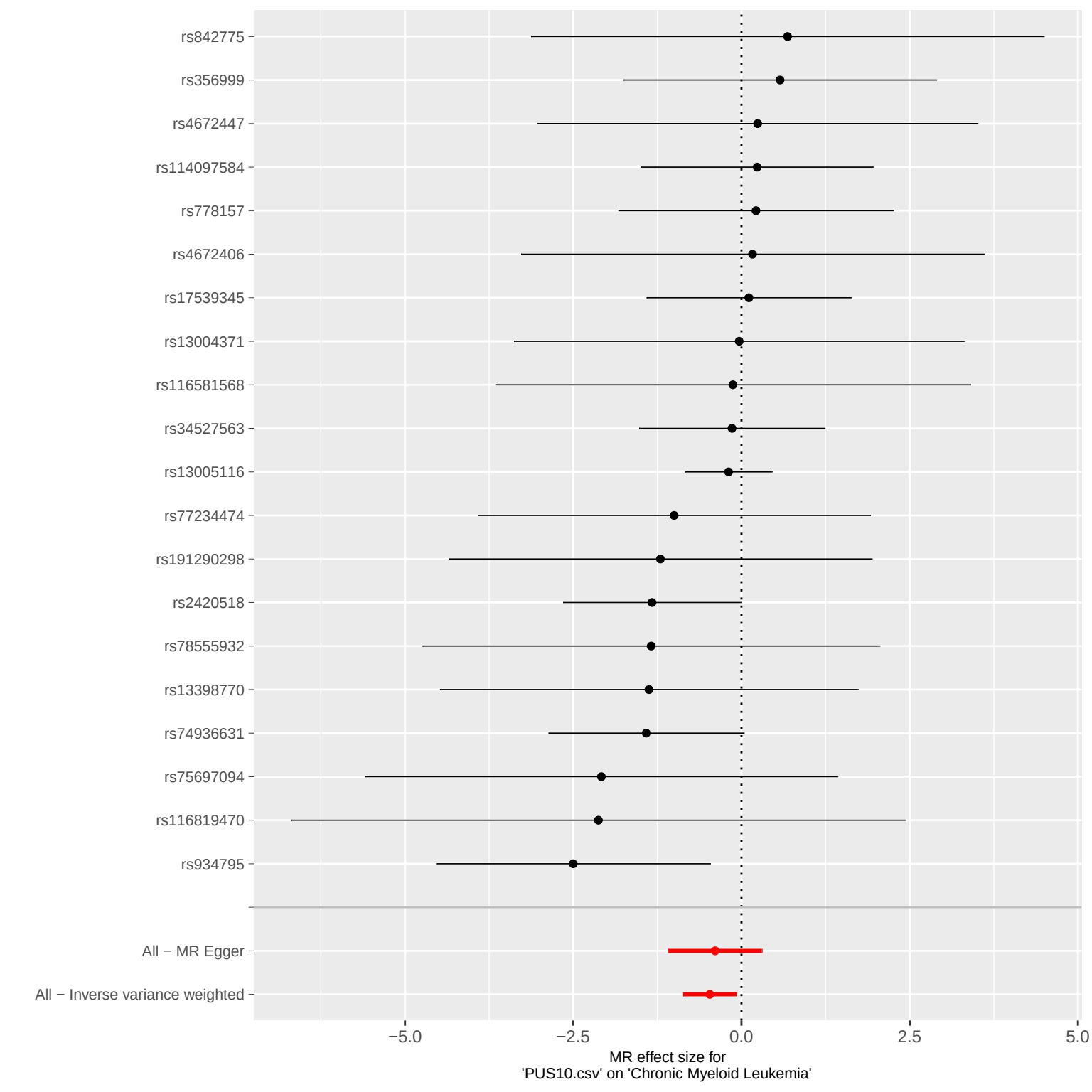
MR effect size for
'PTPRM.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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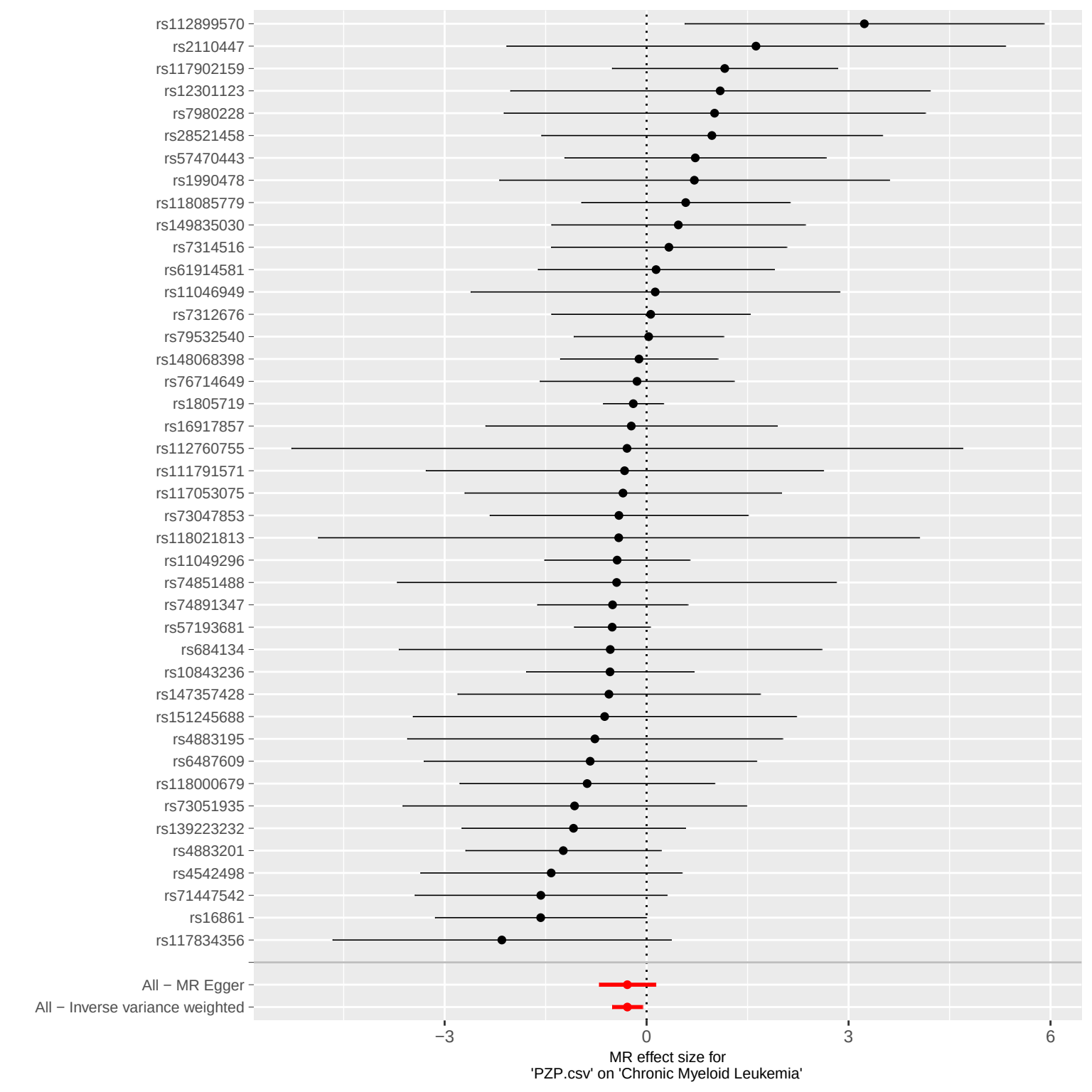
−2.5
0.0
2.5
5.0
MR effect size for
'PUS10.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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6
MR effect size for
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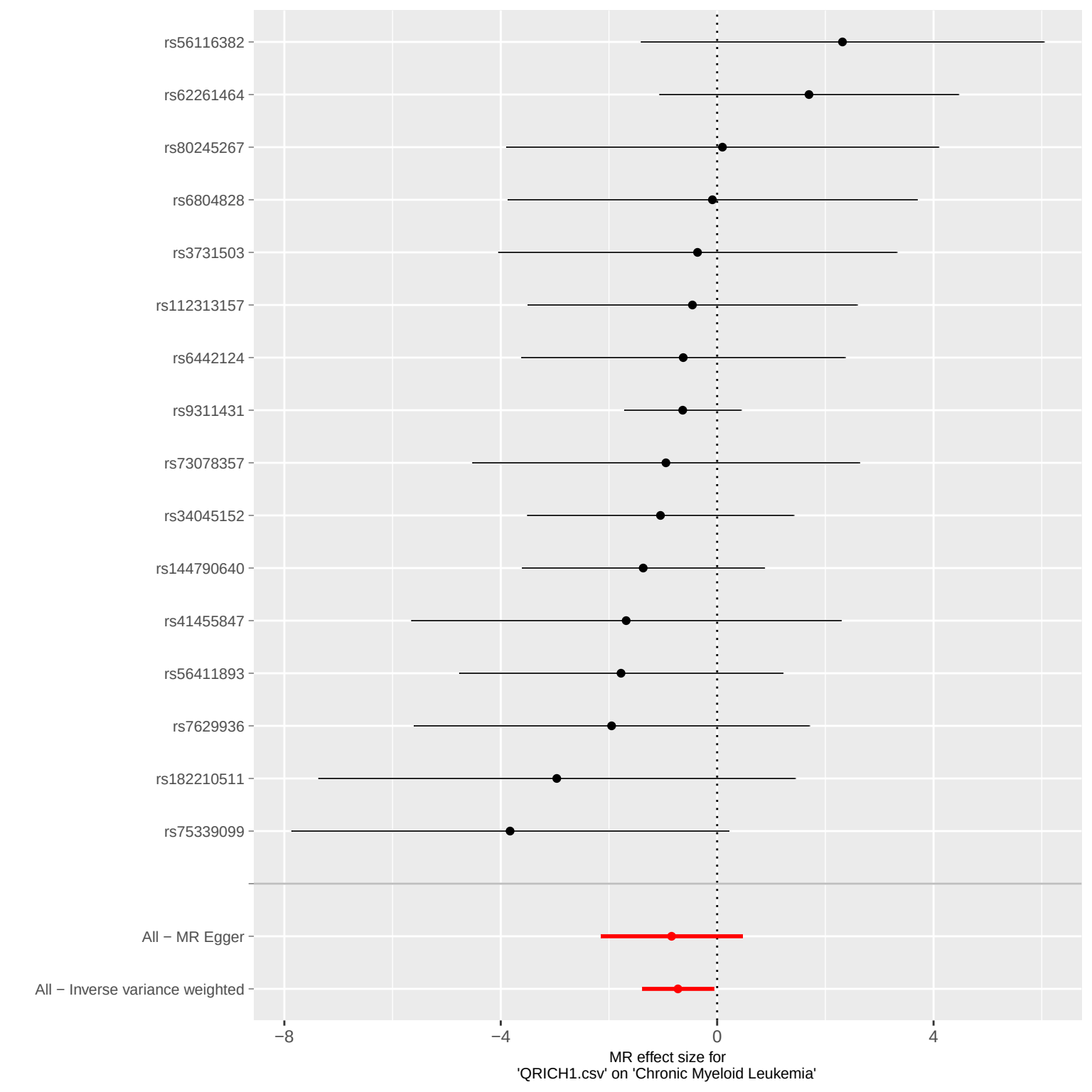
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All − MR Egger
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−8
−4
0
4
MR effect size for
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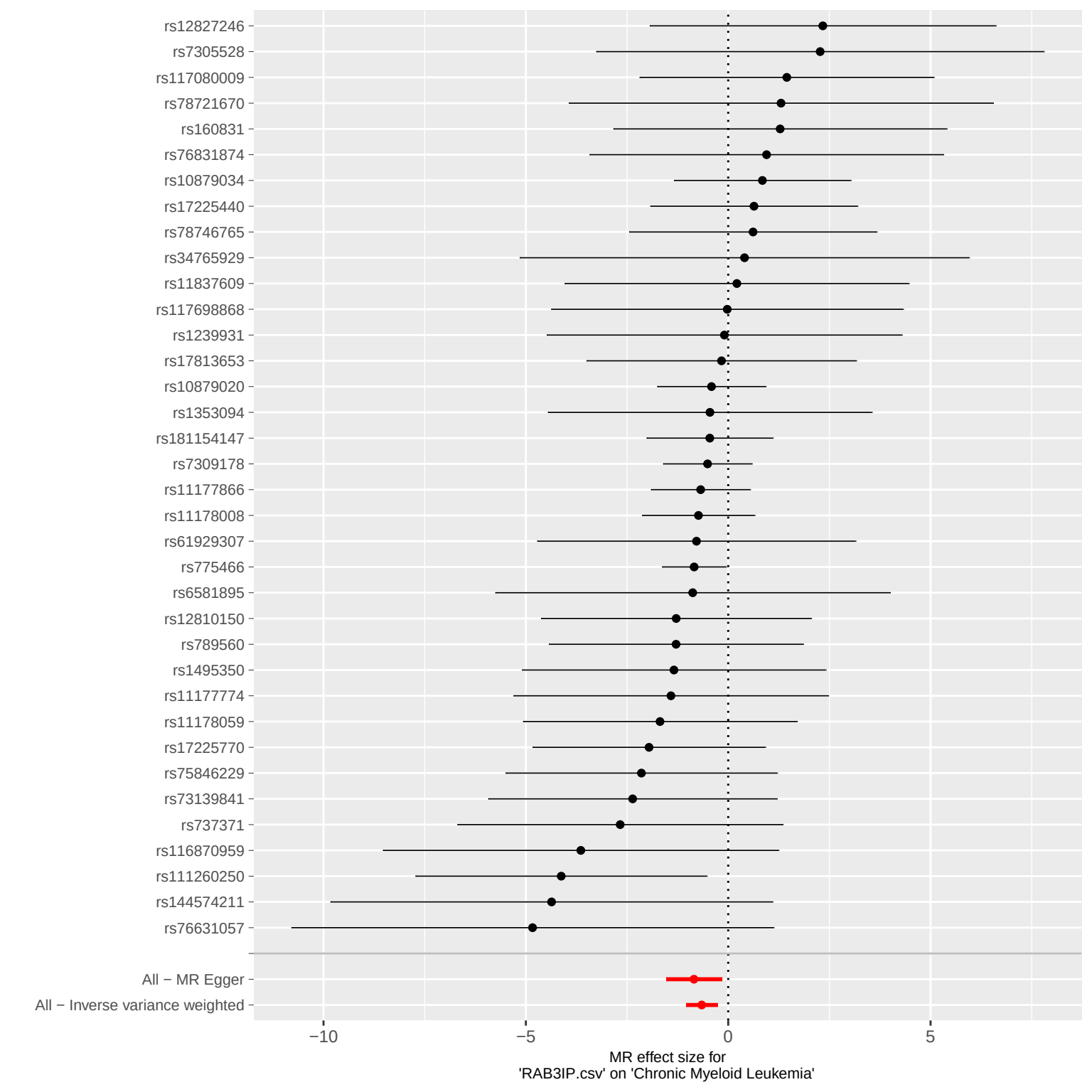
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All − MR Egger
All − Inverse variance weighted
−10
−5
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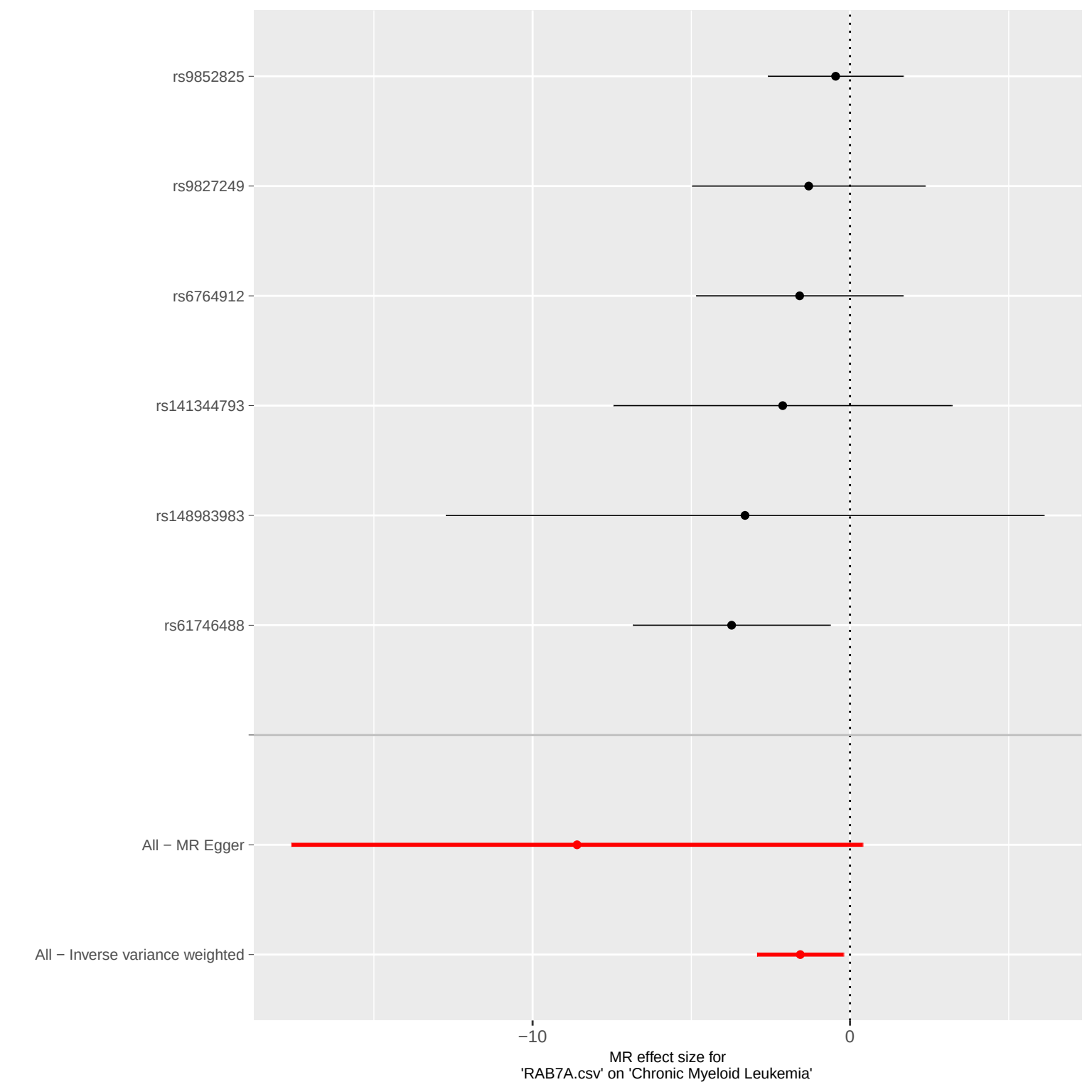
MR effect size for
'RAB3IP.csv' on 'Chronic Myeloid Leukemia'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rs141344793
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All − MR Egger
All − Inverse variance weighted
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0
MR effect size for
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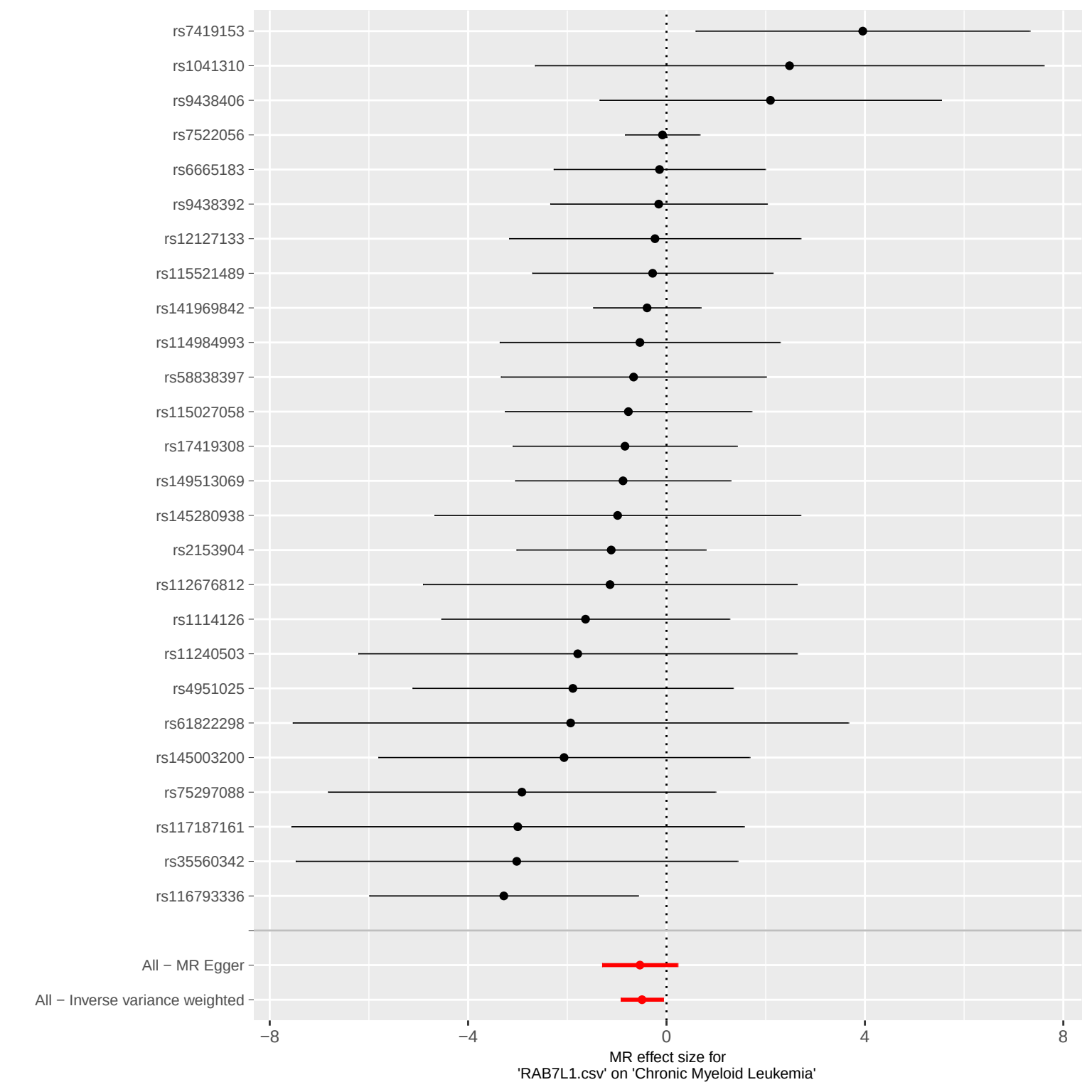
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rs75297088
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rs35560342
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All − MR Egger
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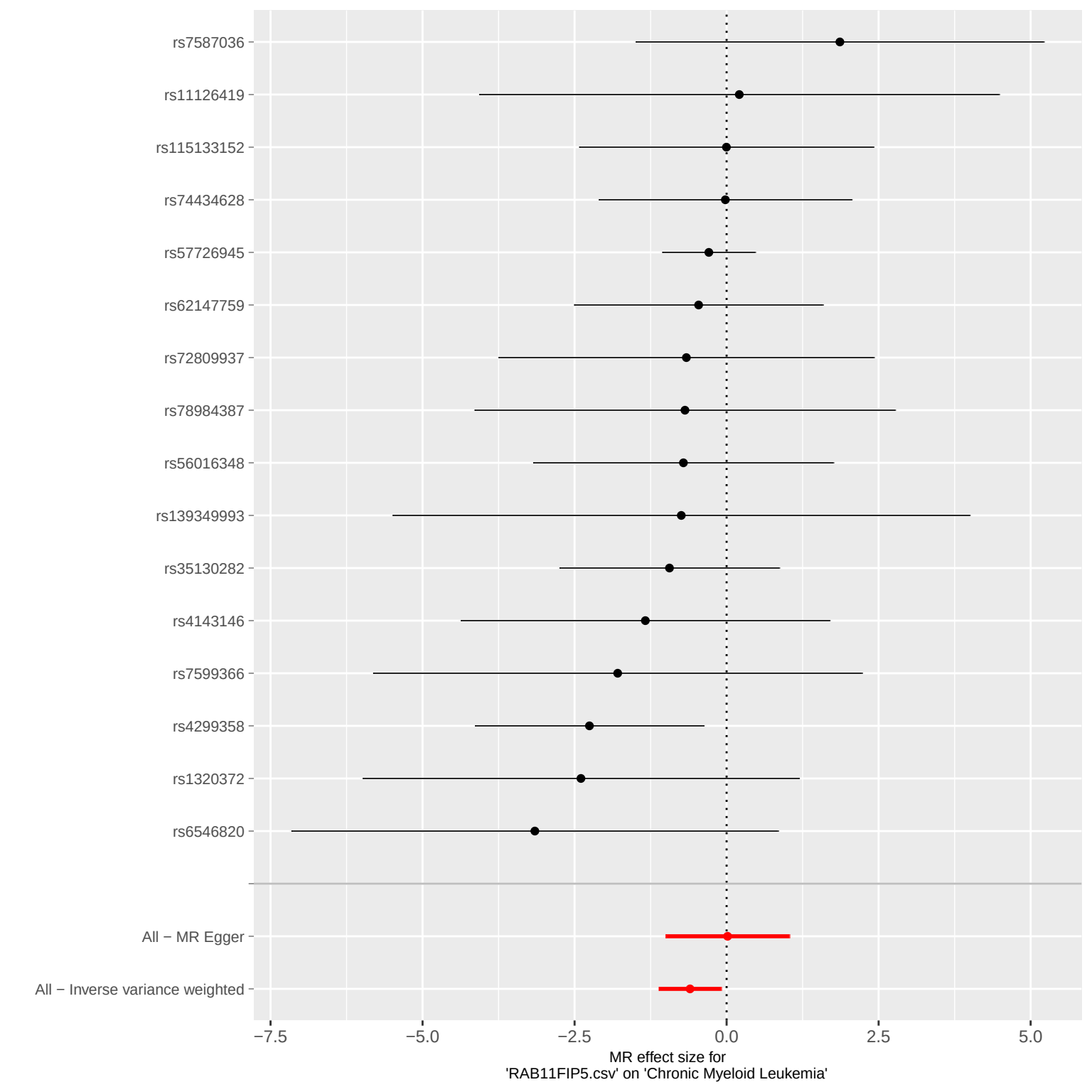
−8
−4
0
4
8
MR effect size for
'RAB7L1.csv' on 'Chronic Myeloid Leukemia'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rs78984387
rs56016348
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rs35130282
rs4143146
rs7599366
rs4299358
rs1320372
rs6546820
All − MR Egger
All − Inverse variance weighted
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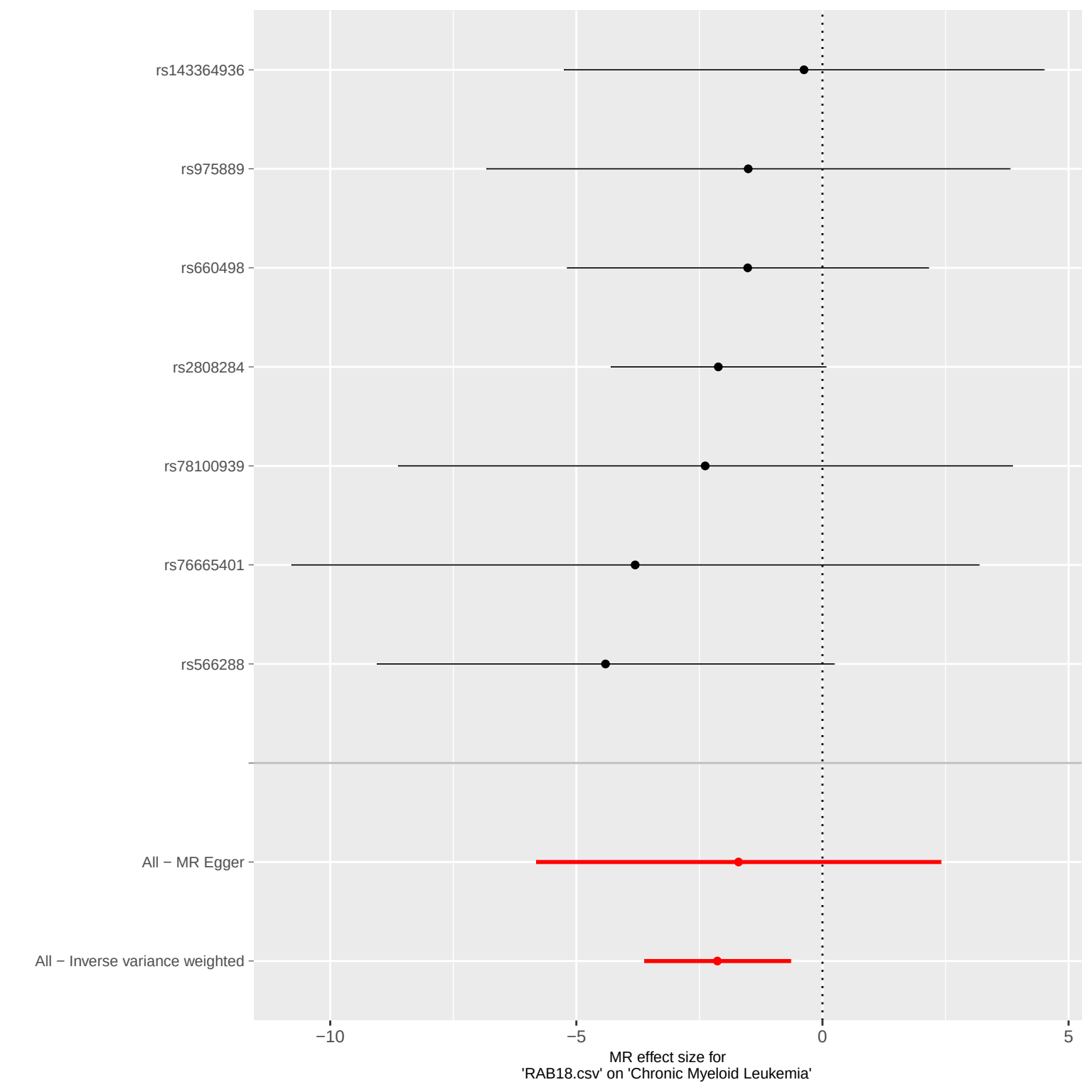
−2.5
0.0
2.5
5.0
MR effect size for
'RAB11FIP5.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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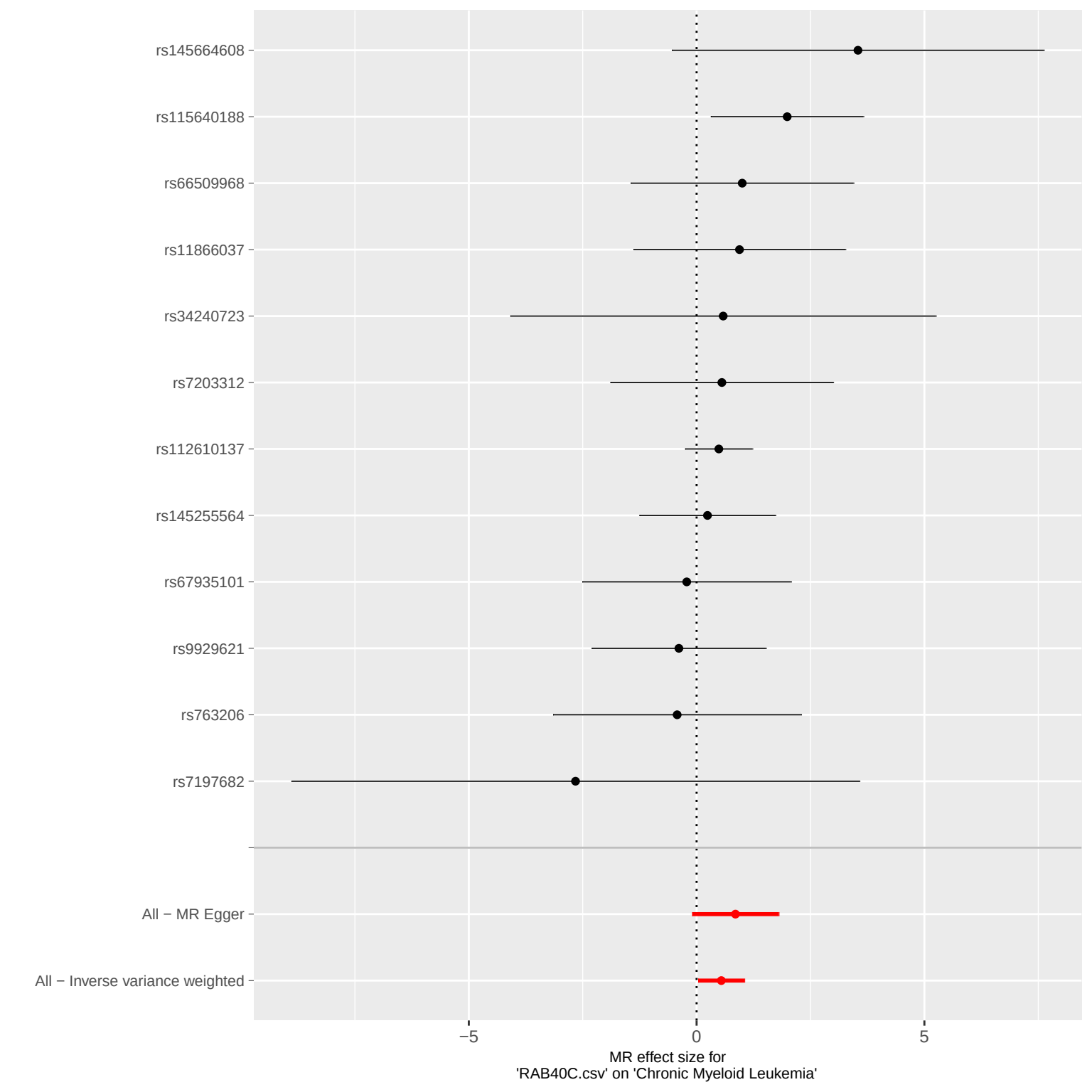
MR effect size for
'RAB18.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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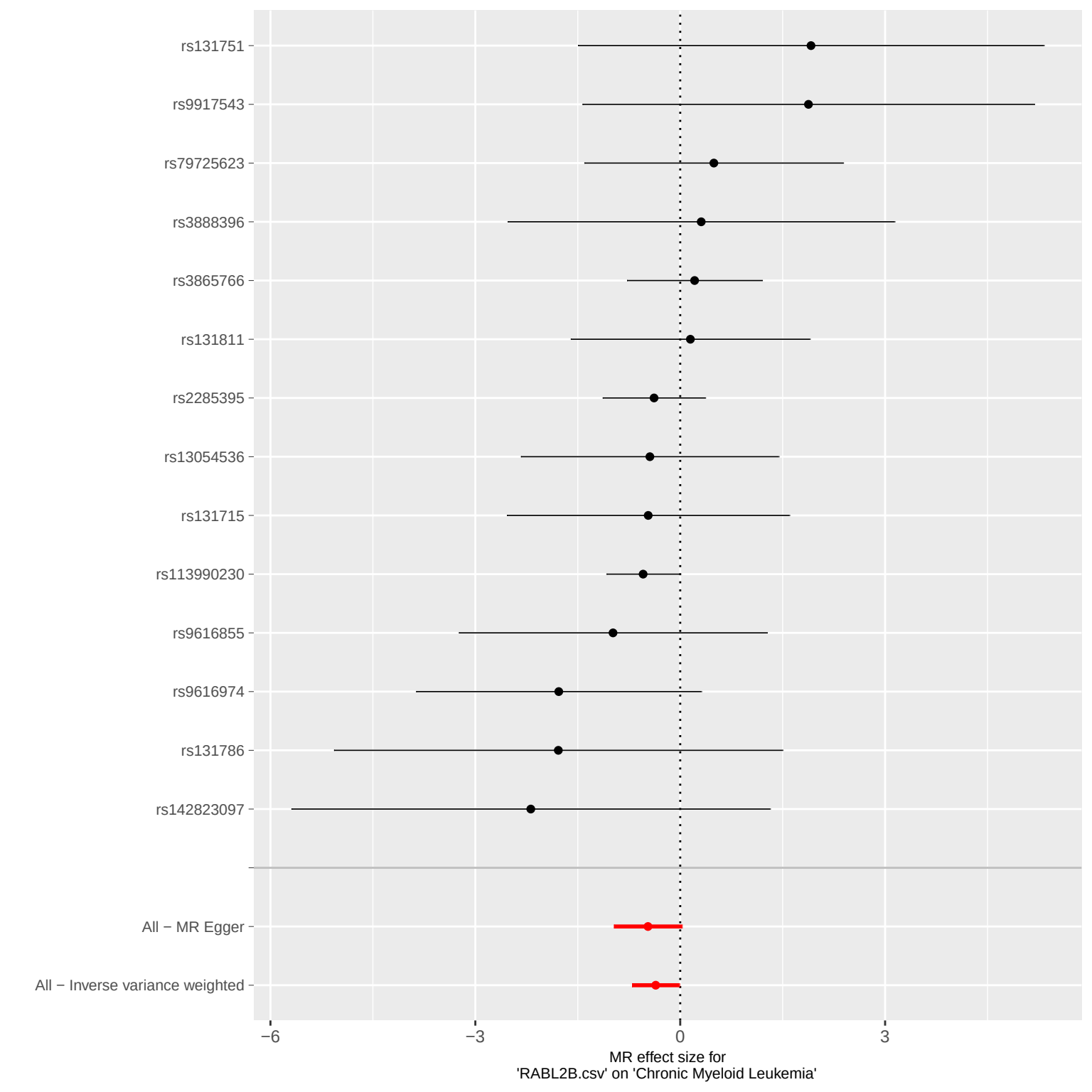
MR effect size for
'RAB40C.csv' on 'Chronic Myeloid Leukemia'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rs9616974
rs131786
rs142823097
All − MR Egger
All − Inverse variance weighted
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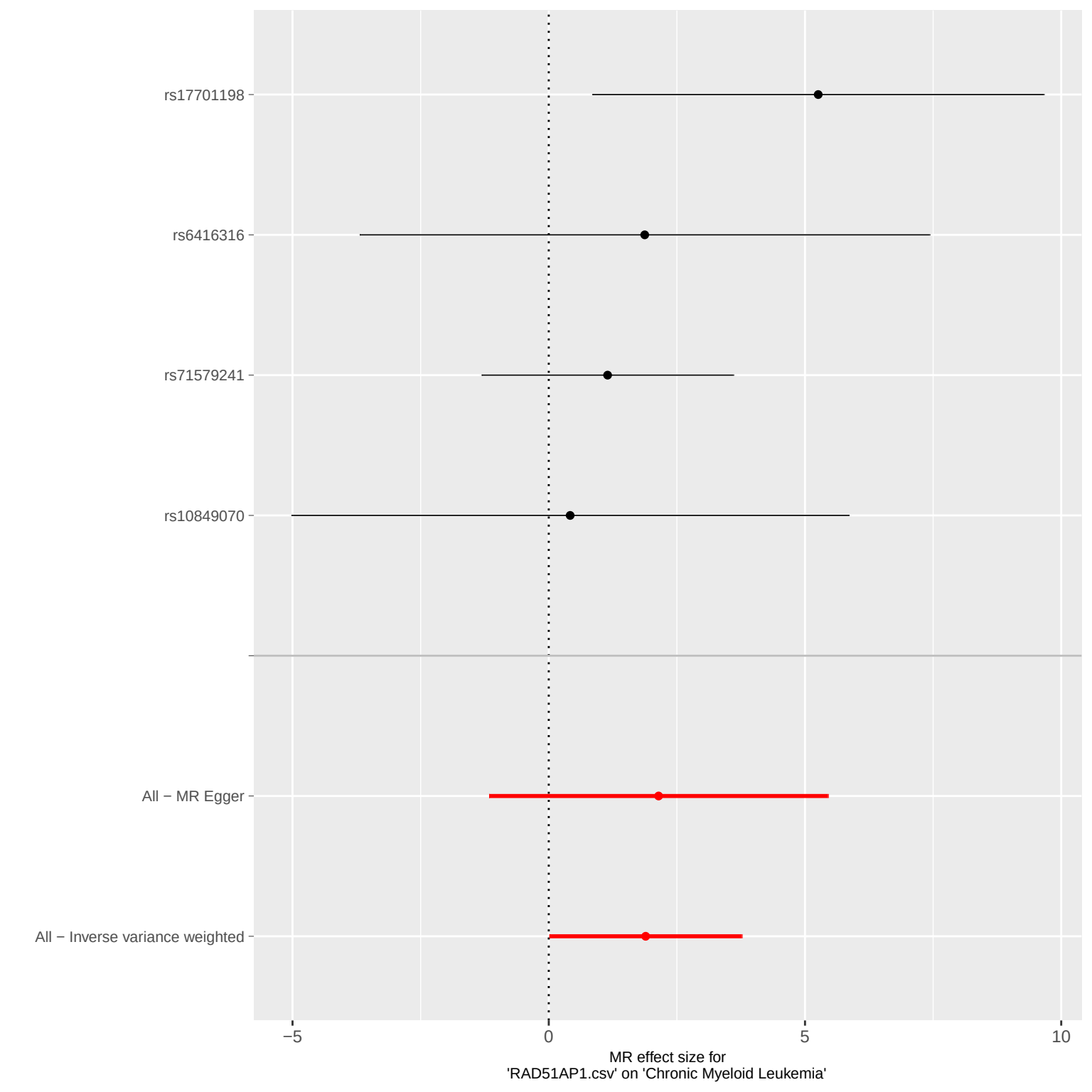
3
MR effect size for
'RABL2B.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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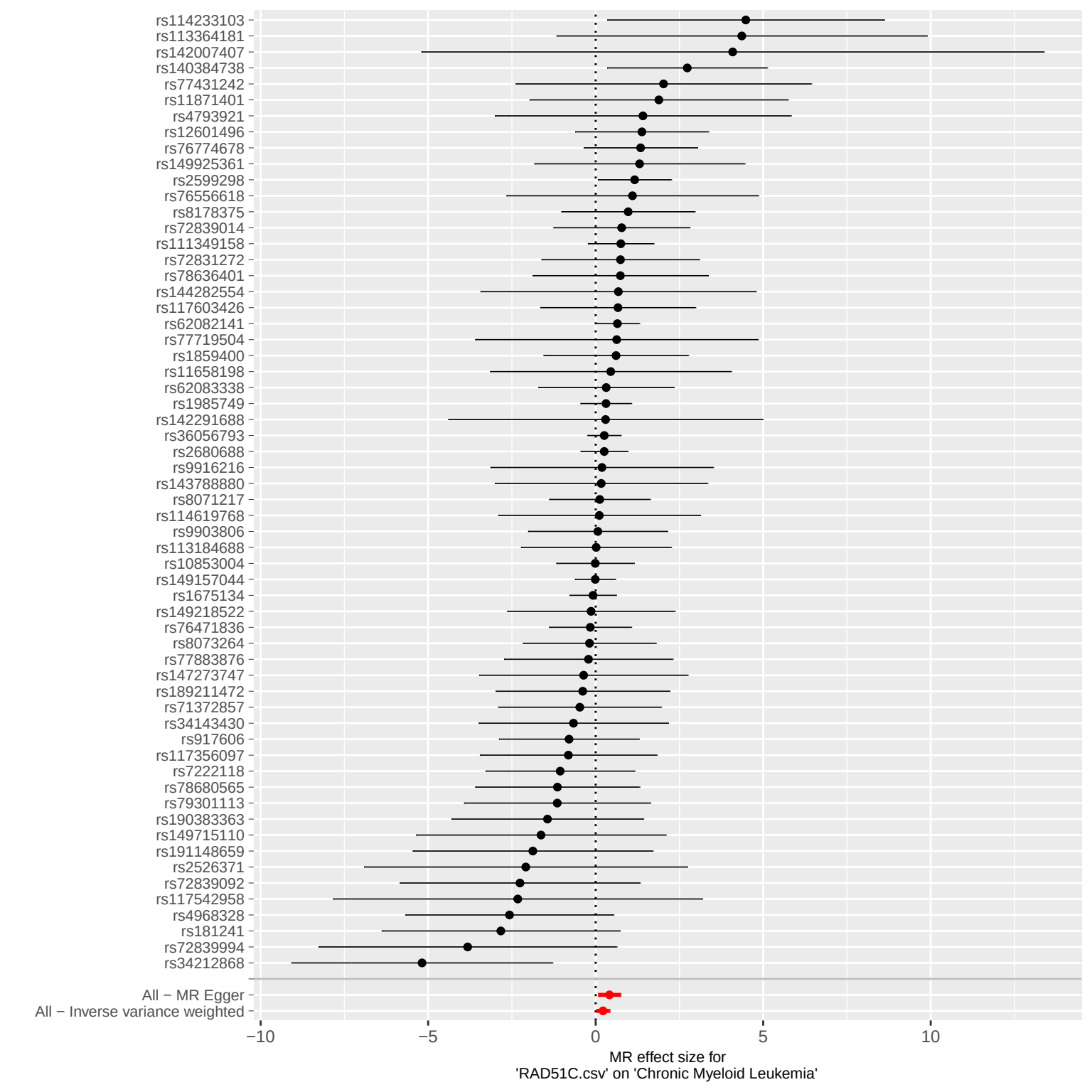
0
5
10
MR effect size for
'RAD51AP1.csv' on 'Chronic Myeloid Leukemia'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rs2526371
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rs117542958
rs4968328
rs181241
rs72839994
rs34212868
All − MR Egger
All − Inverse variance weighted
−10
−5
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MR effect size for
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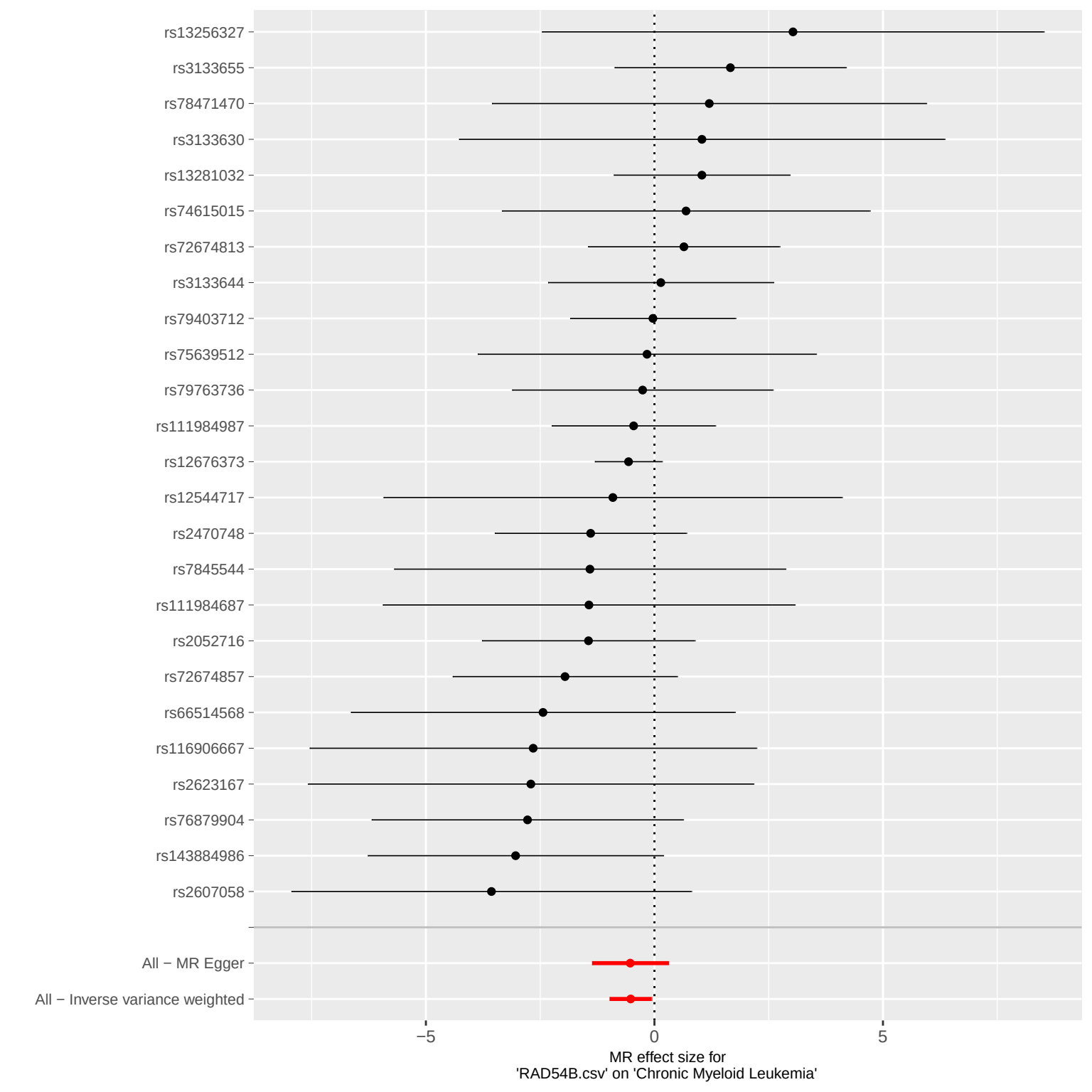
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All − MR Egger
All − Inverse variance weighted
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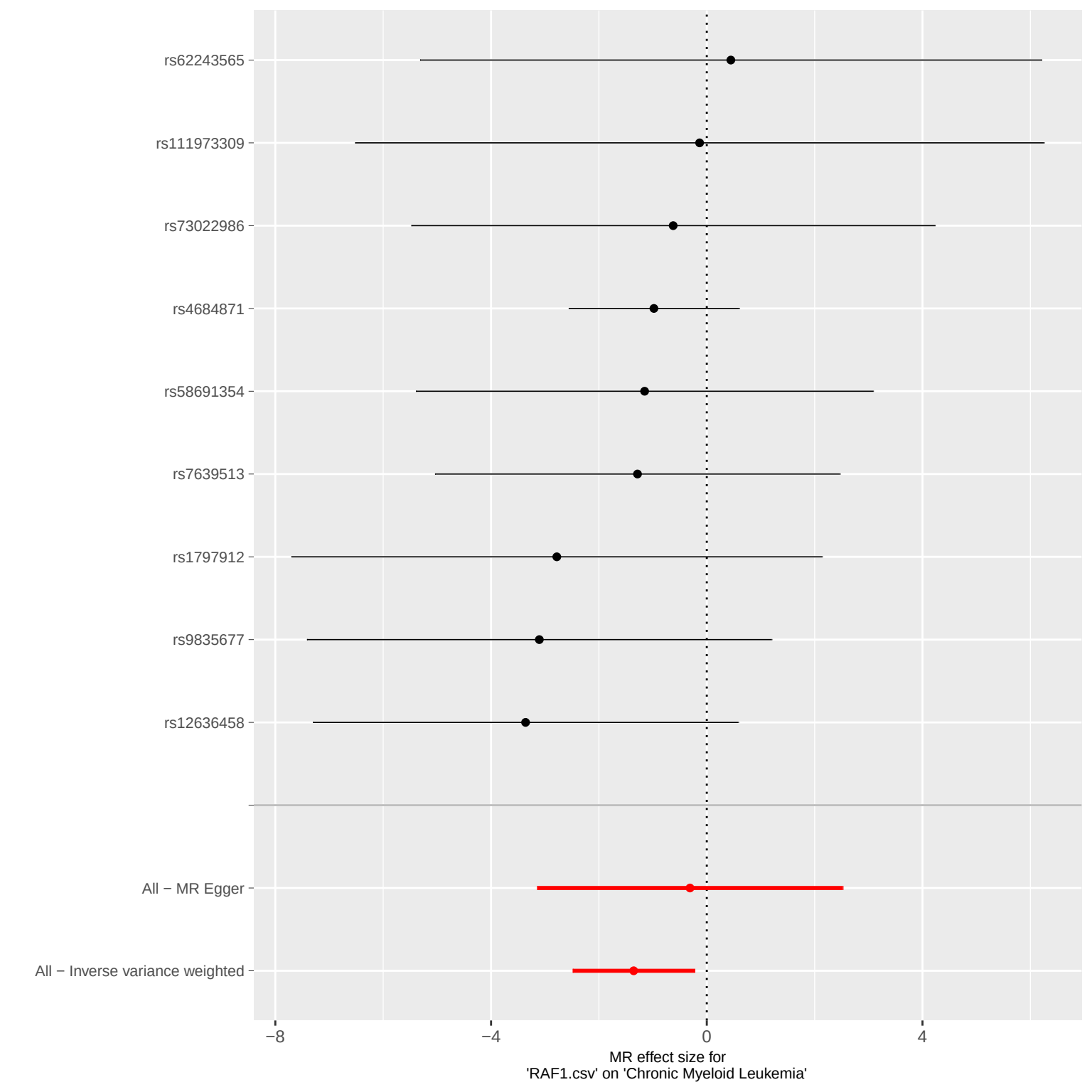
MR effect size for
'RAD54B.csv' on 'Chronic Myeloid Leukemia'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rs9835677
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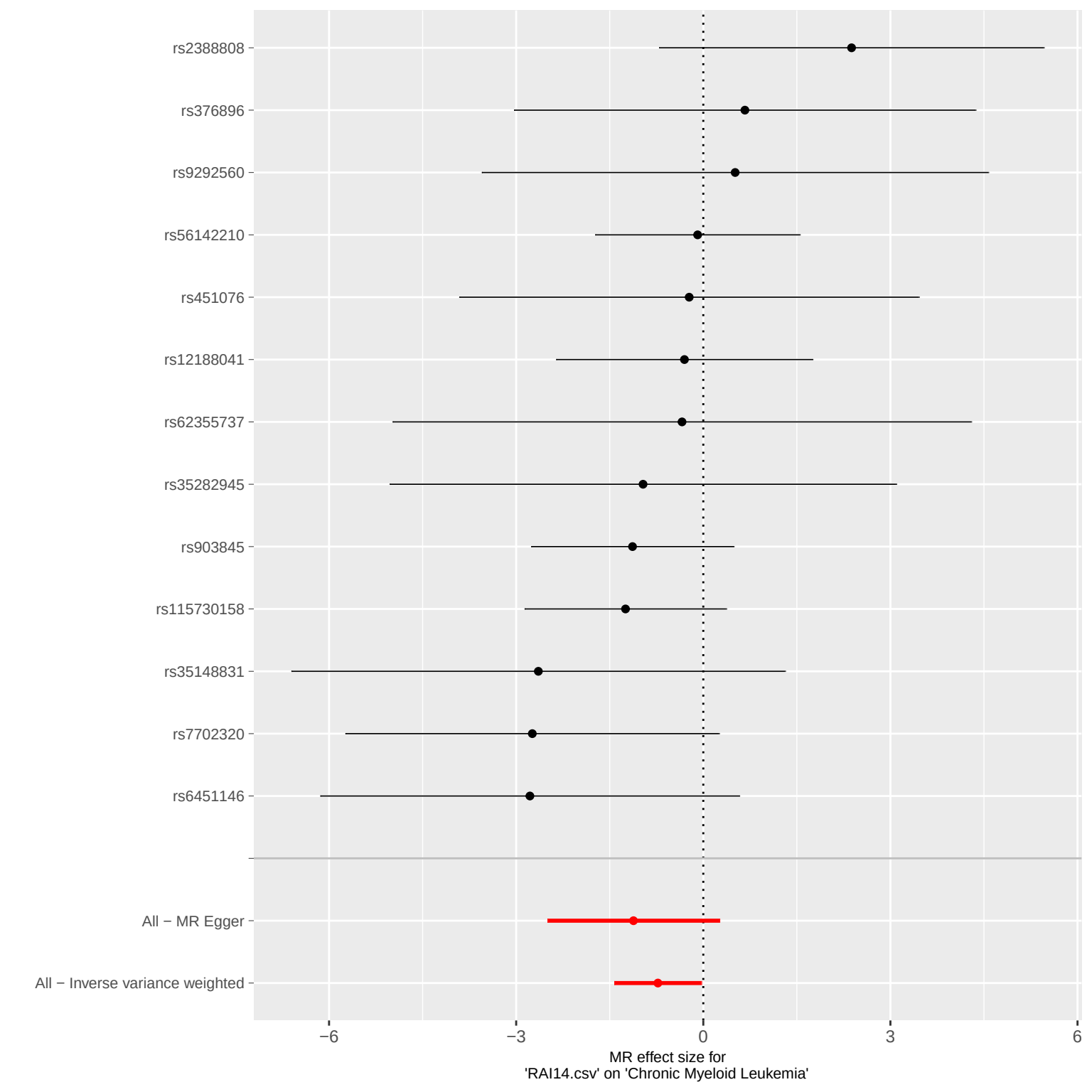
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'RAF1.csv' on 'Chronic Myeloid Leukemia'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rs451076
rs12188041
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rs115730158
rs35148831
rs7702320
rs6451146
All − MR Egger
All − Inverse variance weighted
−6
−3
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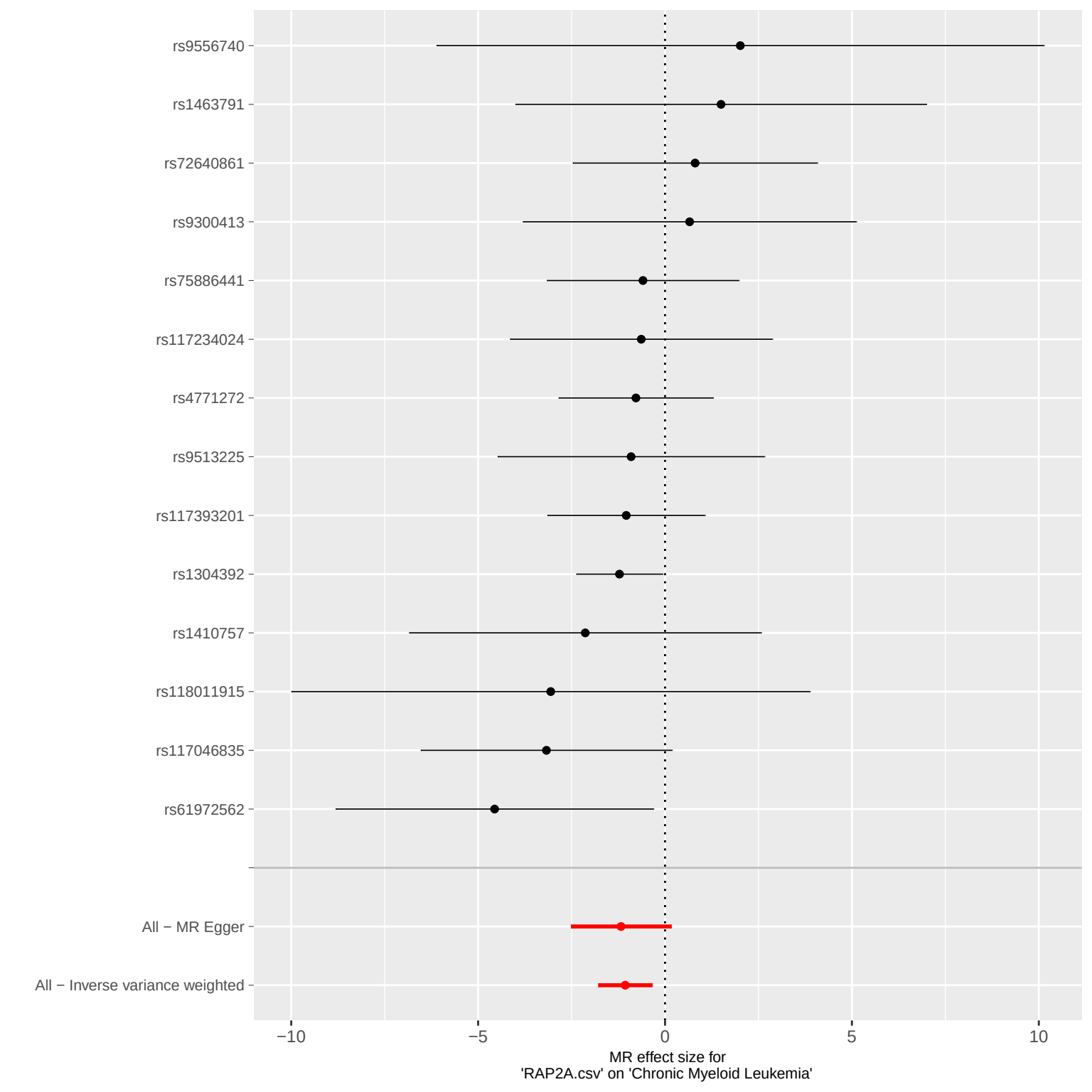
3
6
MR effect size for
'RAI14.csv' on 'Chronic Myeloid Leukemia'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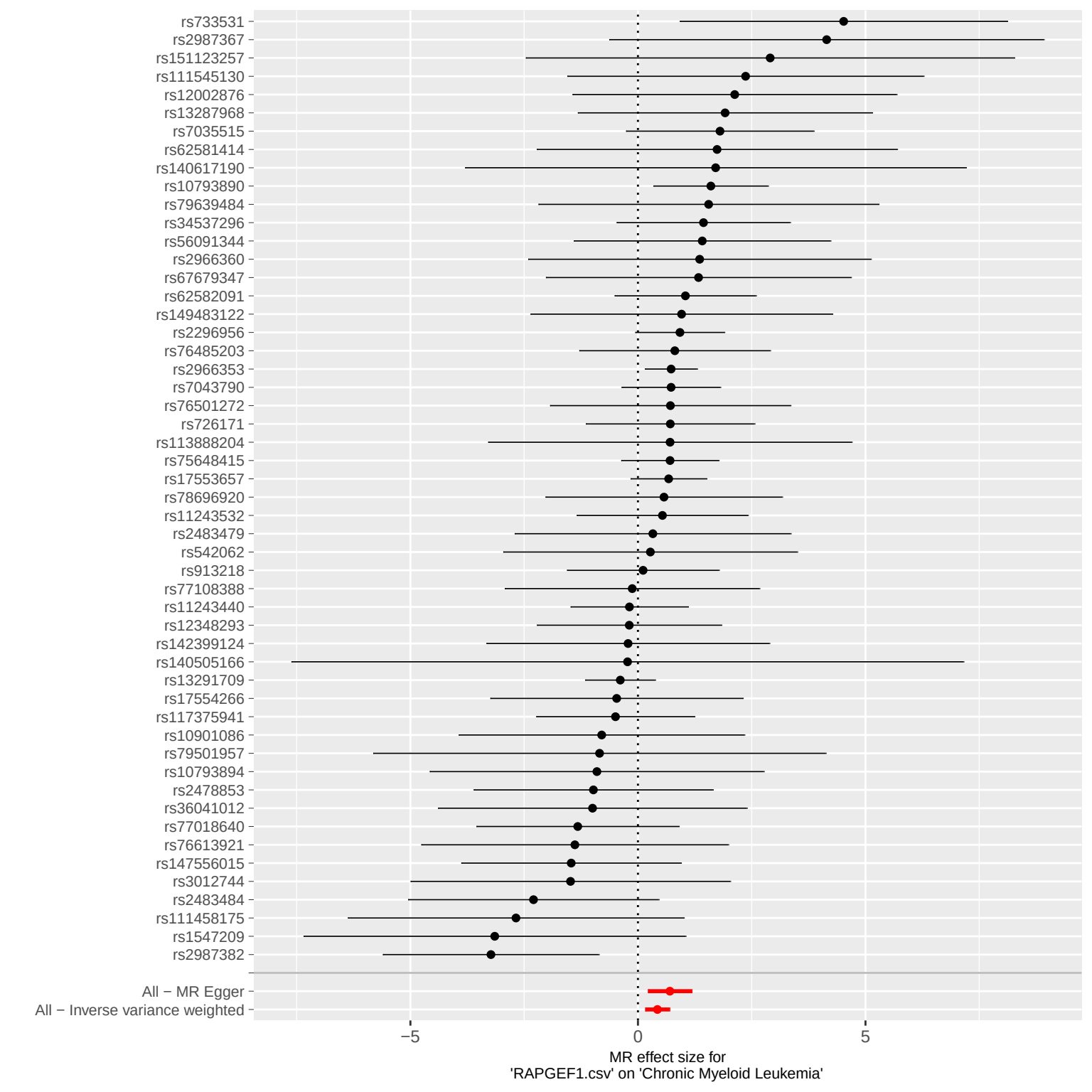
rs1410757
rs118011915
rs117046835
rs61972562
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'RAP2A.csv' on 'Chronic Myeloid Leukemia'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rs147556015
rs3012744
rs2483484
rs111458175
rs1547209
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All − MR Egger
All − Inverse variance weighted
−5
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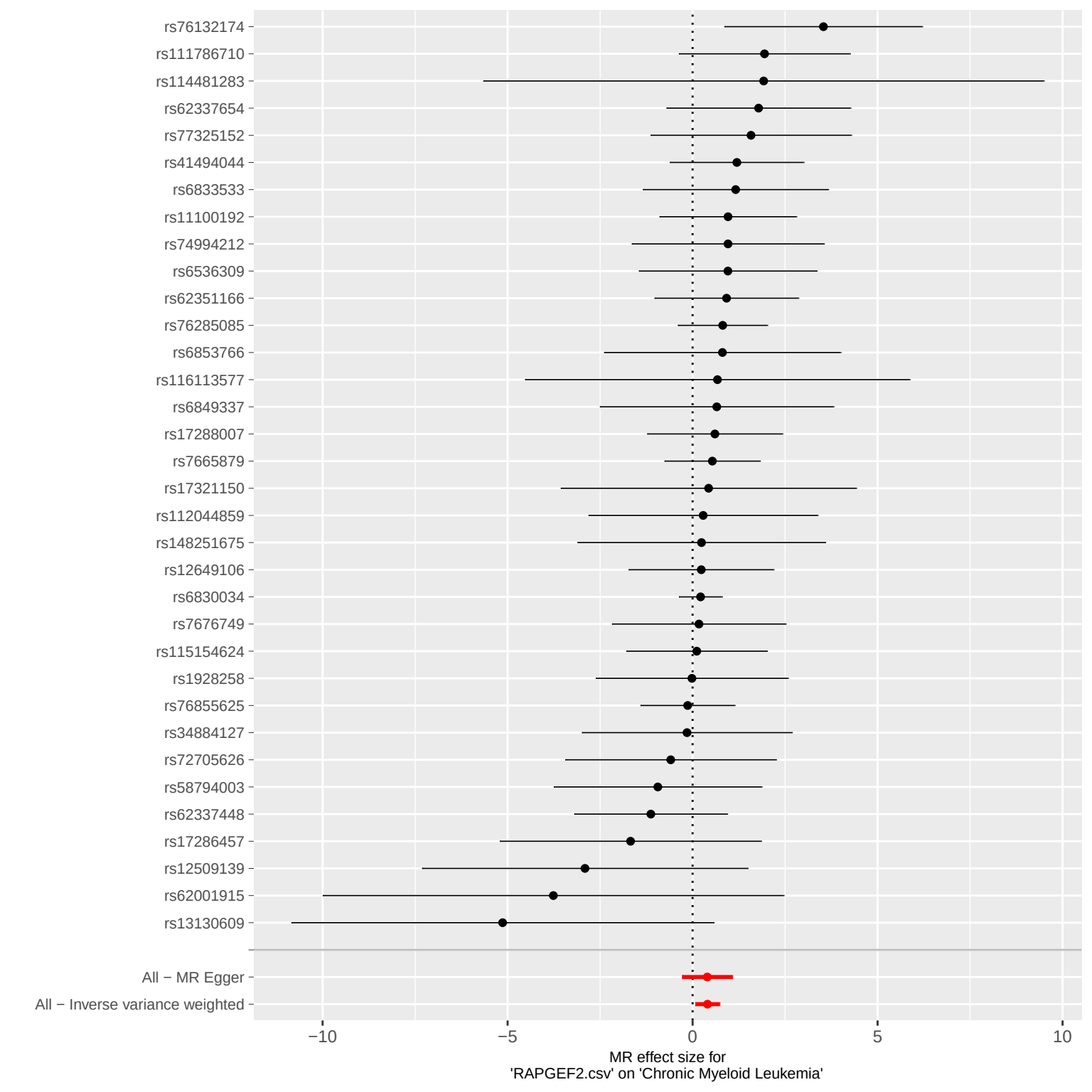
MR effect size for
'RAPGEF1.csv' on 'Chronic Myeloid Leukemia'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rs58794003
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rs17286457
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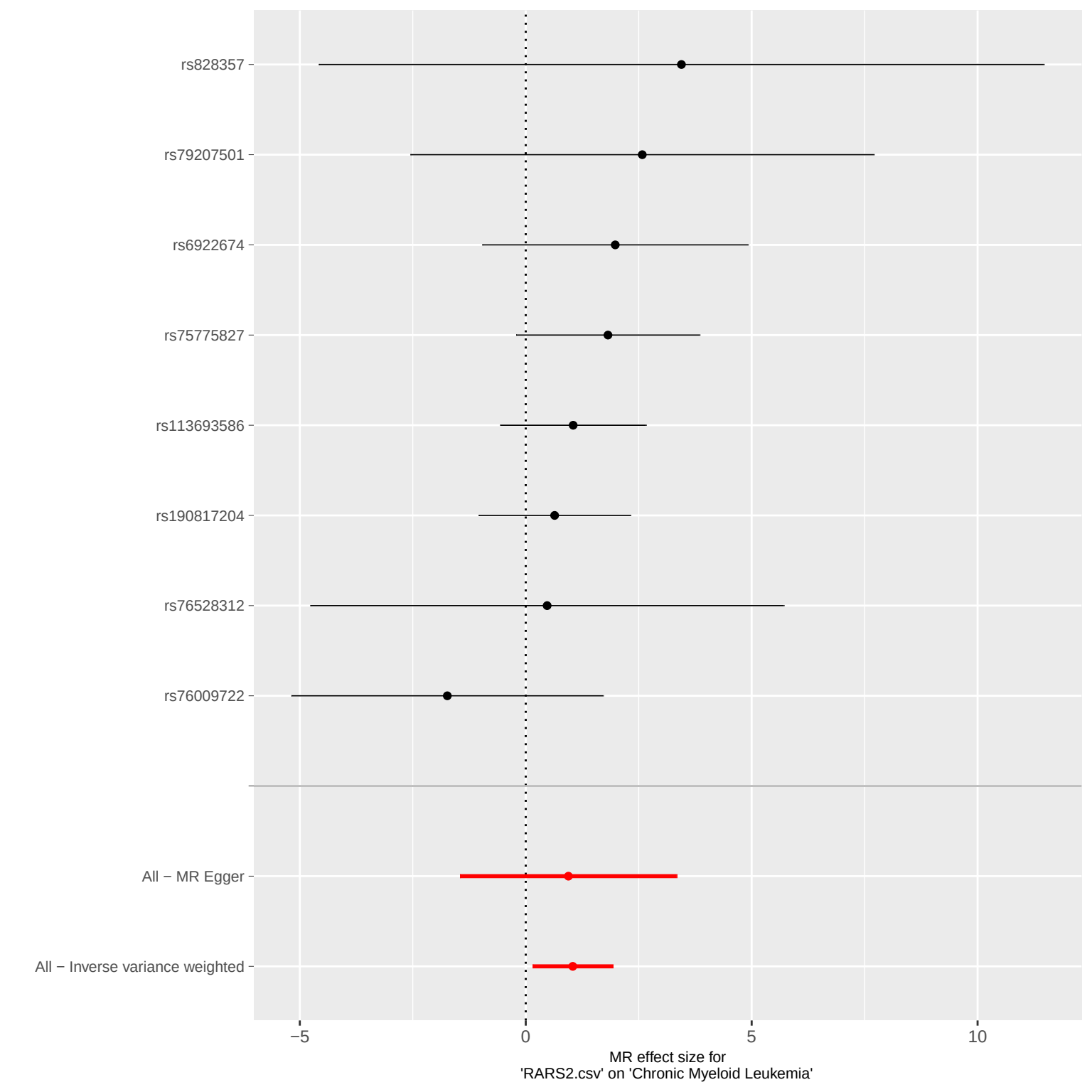
rs62001915
rs13130609
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'RAPGEF2.csv' on 'Chronic Myeloid Leukemia'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rs79207501
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rs76528312
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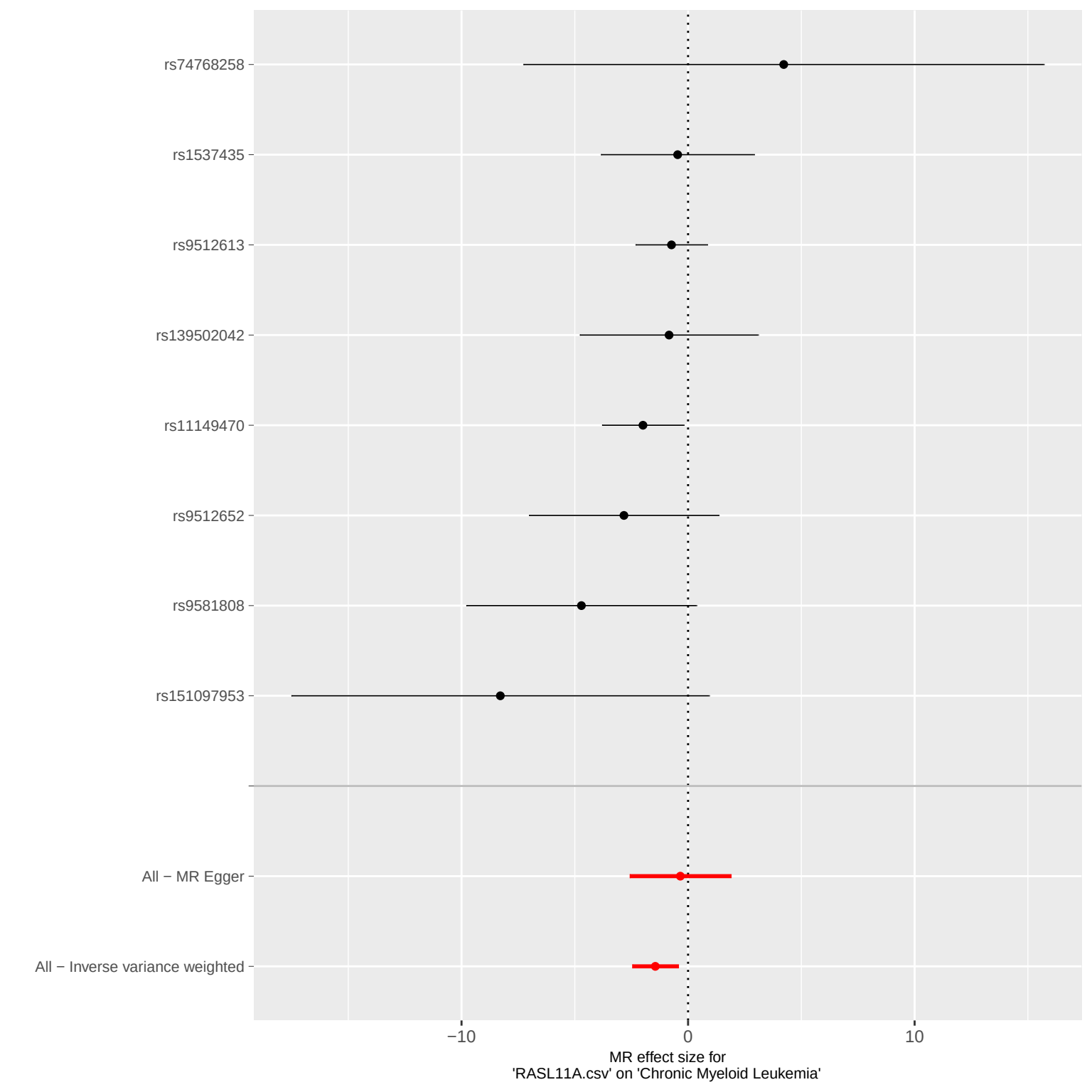
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RARS2.csv' on 'Chronic Myeloid Leukemia'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rs1537435
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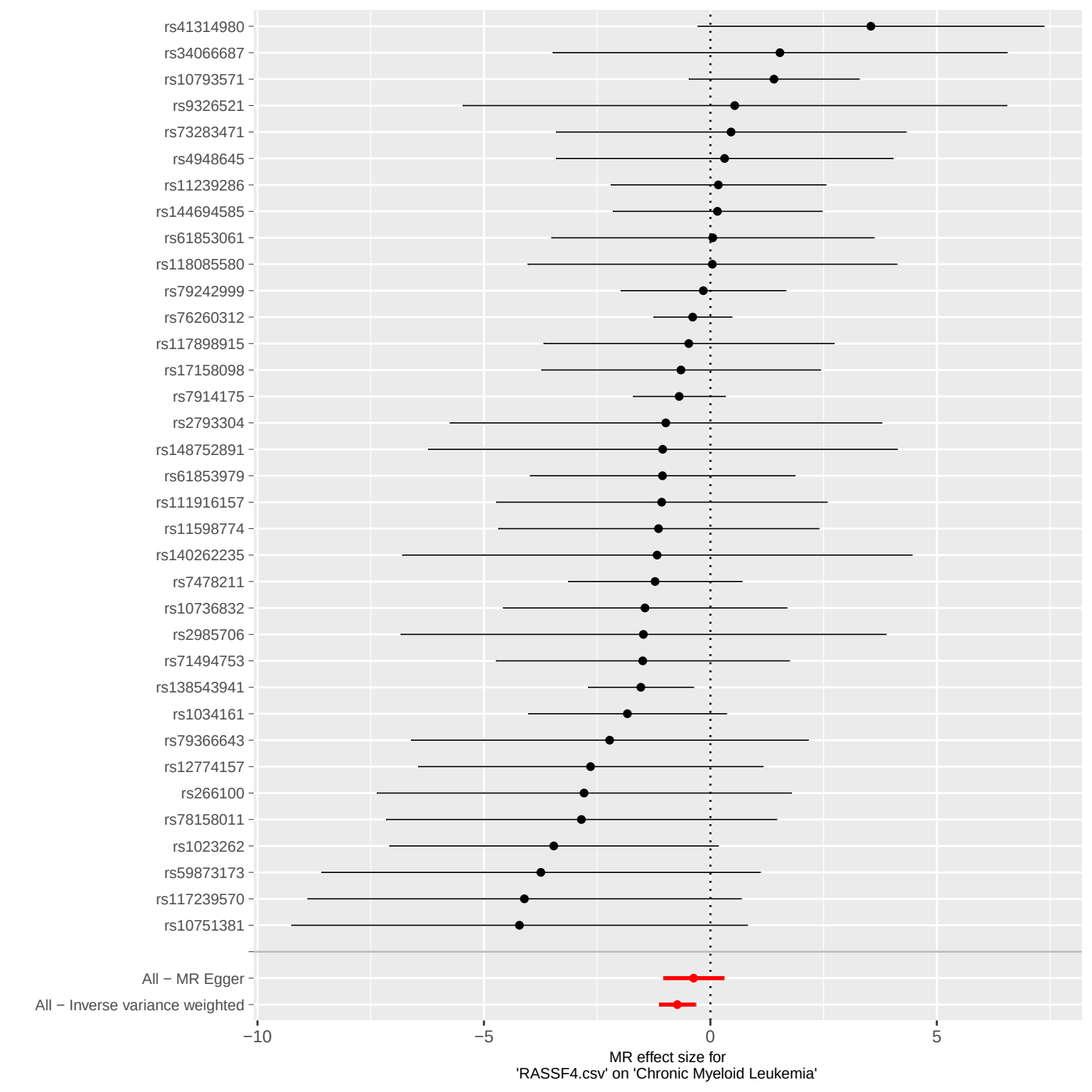
All − Inverse variance weighted
−10
0
10
MR effect size for
'RASL11A.csv' on 'Chronic Myeloid Leukemia'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rs11598774
rs140262235
rs7478211
rs10736832
rs2985706
rs71494753
rs138543941
rs1034161
rs79366643
rs12774157
rs266100
rs78158011
rs1023262
rs59873173
rs117239570
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All − MR Egger
All − Inverse variance weighted
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−5
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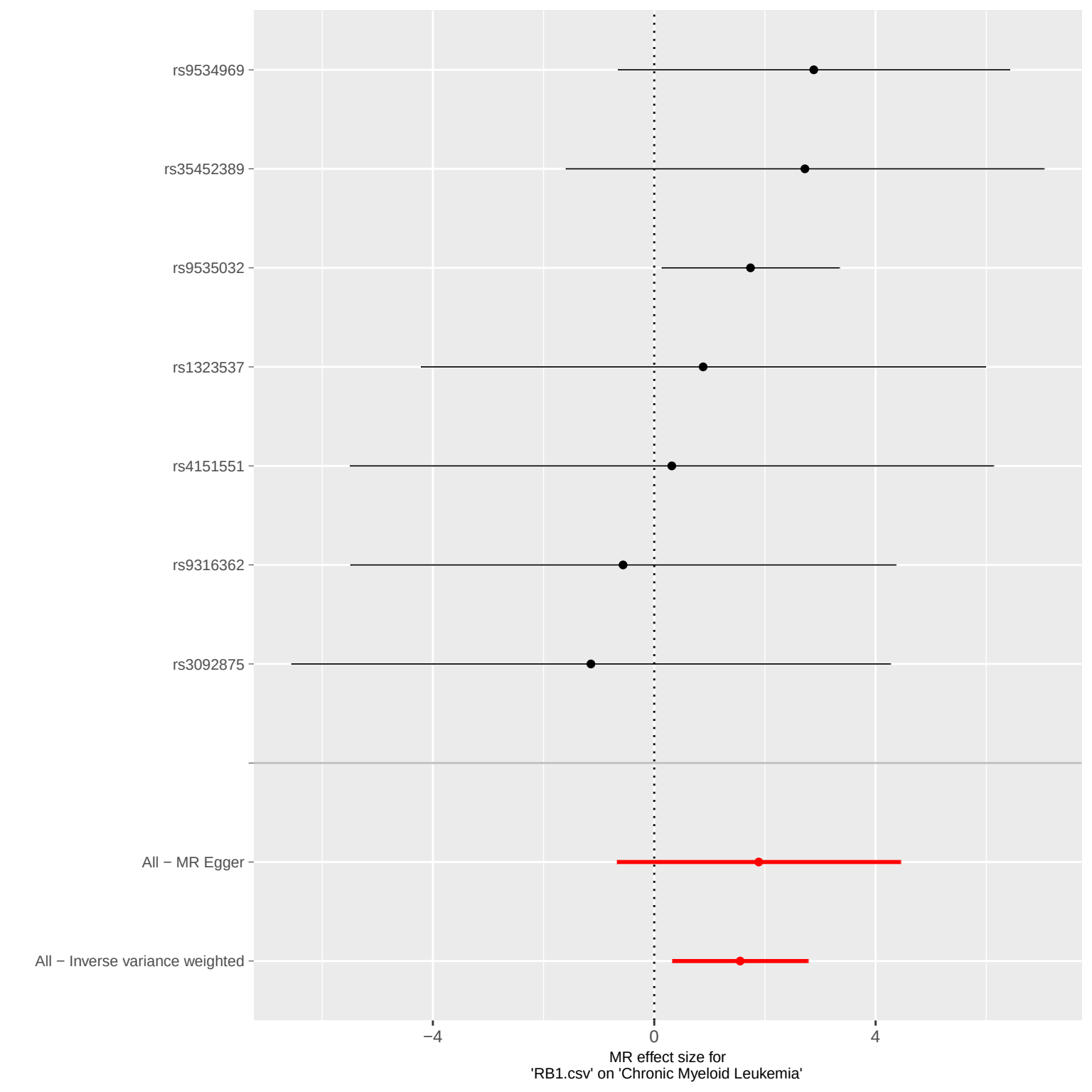
MR effect size for
'RASSF4.csv' on 'Chronic Myeloid Leukemia'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rs35452389
rs9535032
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rs4151551
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All − MR Egger
All − Inverse variance weighted
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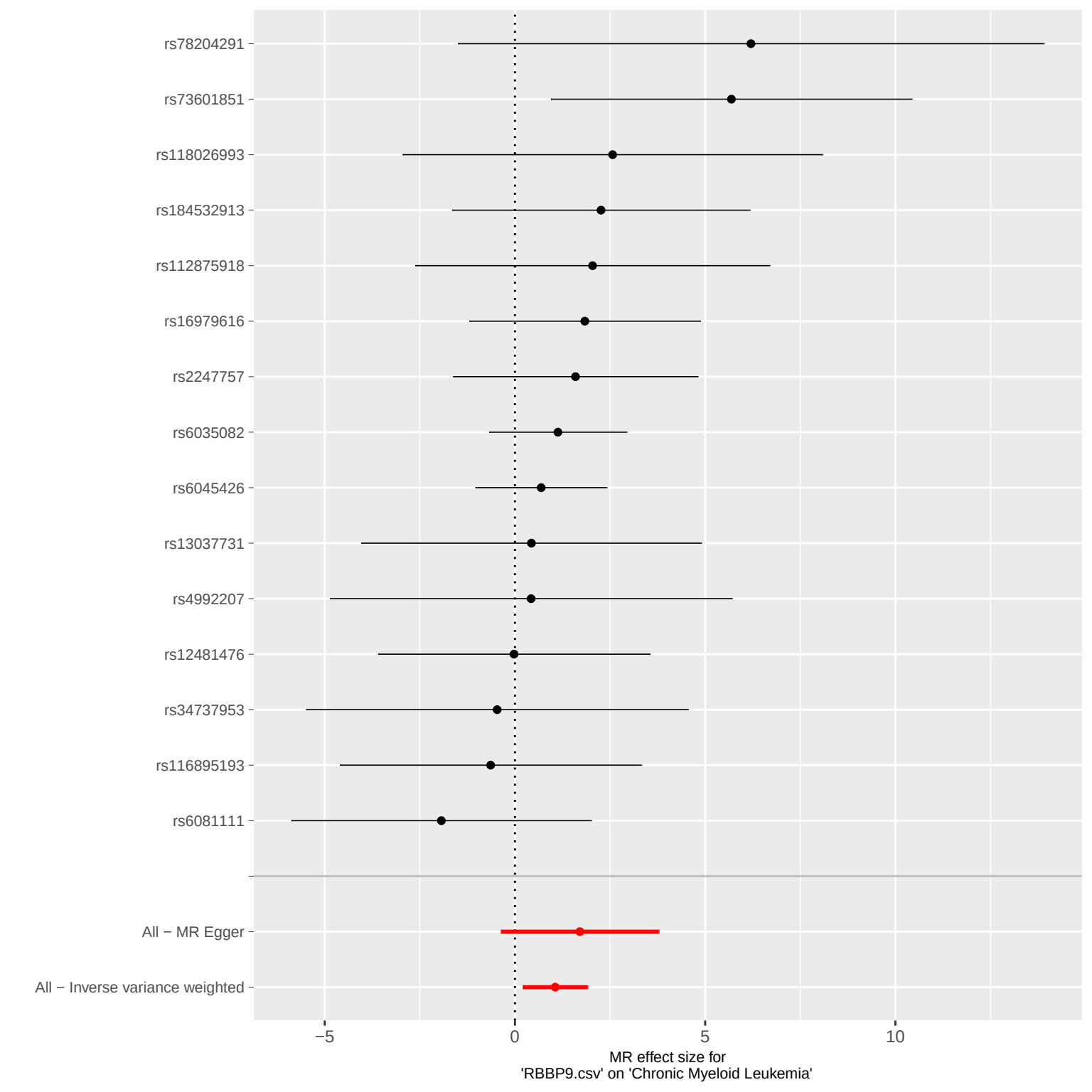
4
MR effect size for
'RB1.csv' on 'Chronic Myeloid Leukemia'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rs4992207
rs12481476
rs34737953
rs116895193
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All − MR Egger
All − Inverse variance weighted
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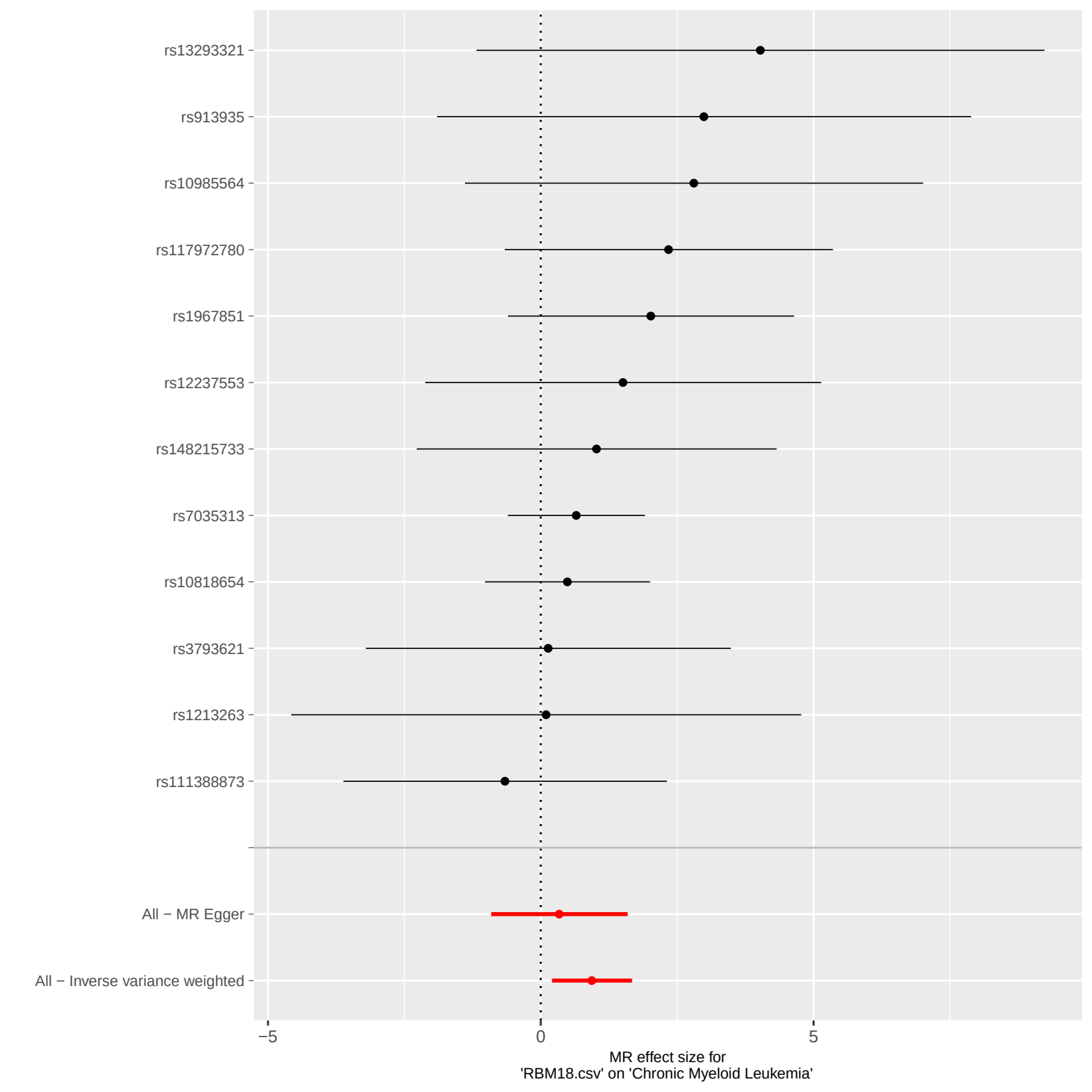
10
MR effect size for
'RBBP9.csv' on 'Chronic Myeloid Leukemia'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rs1213263
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All − MR Egger
All − Inverse variance weighted
−5
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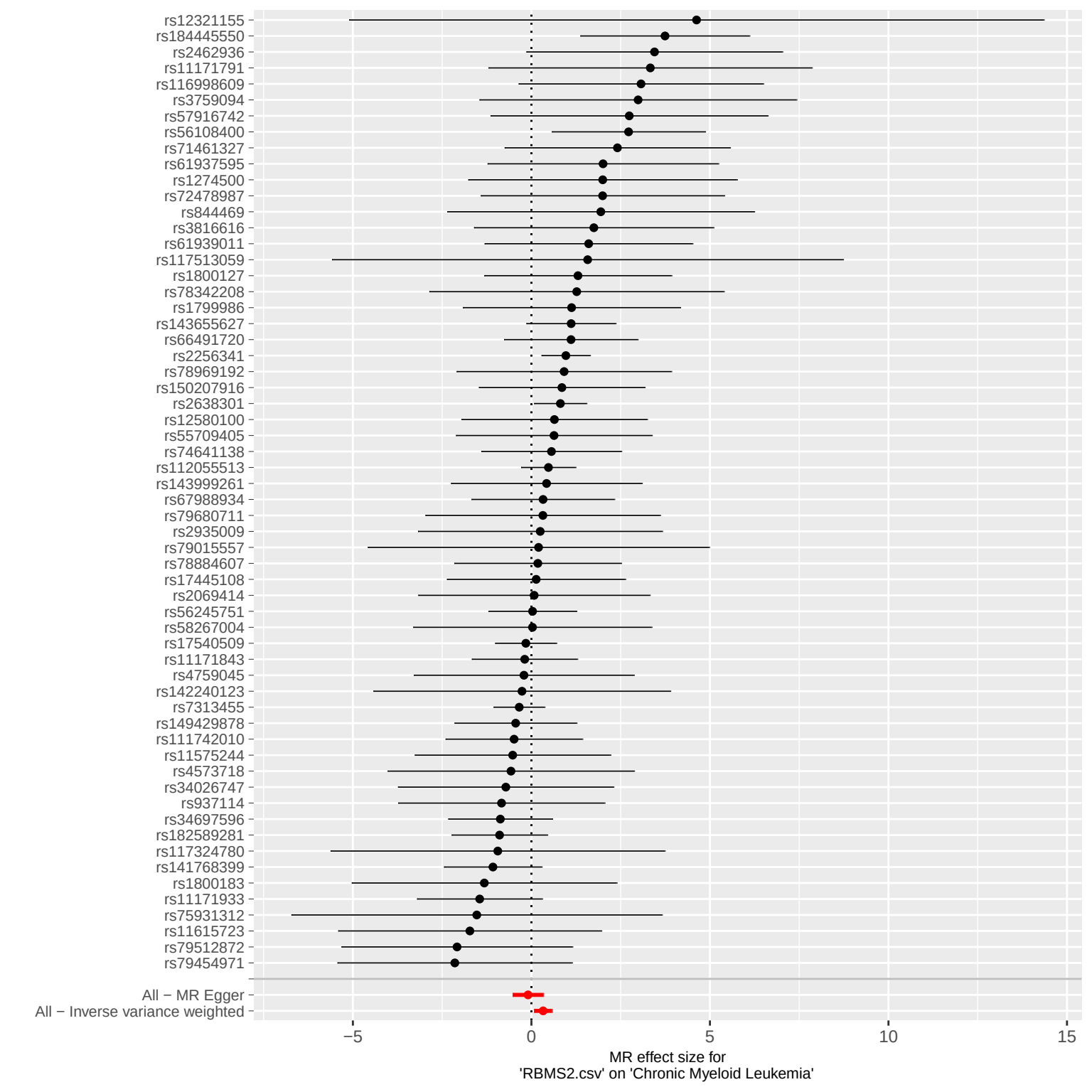
5
MR effect size for
'RBM18.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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5
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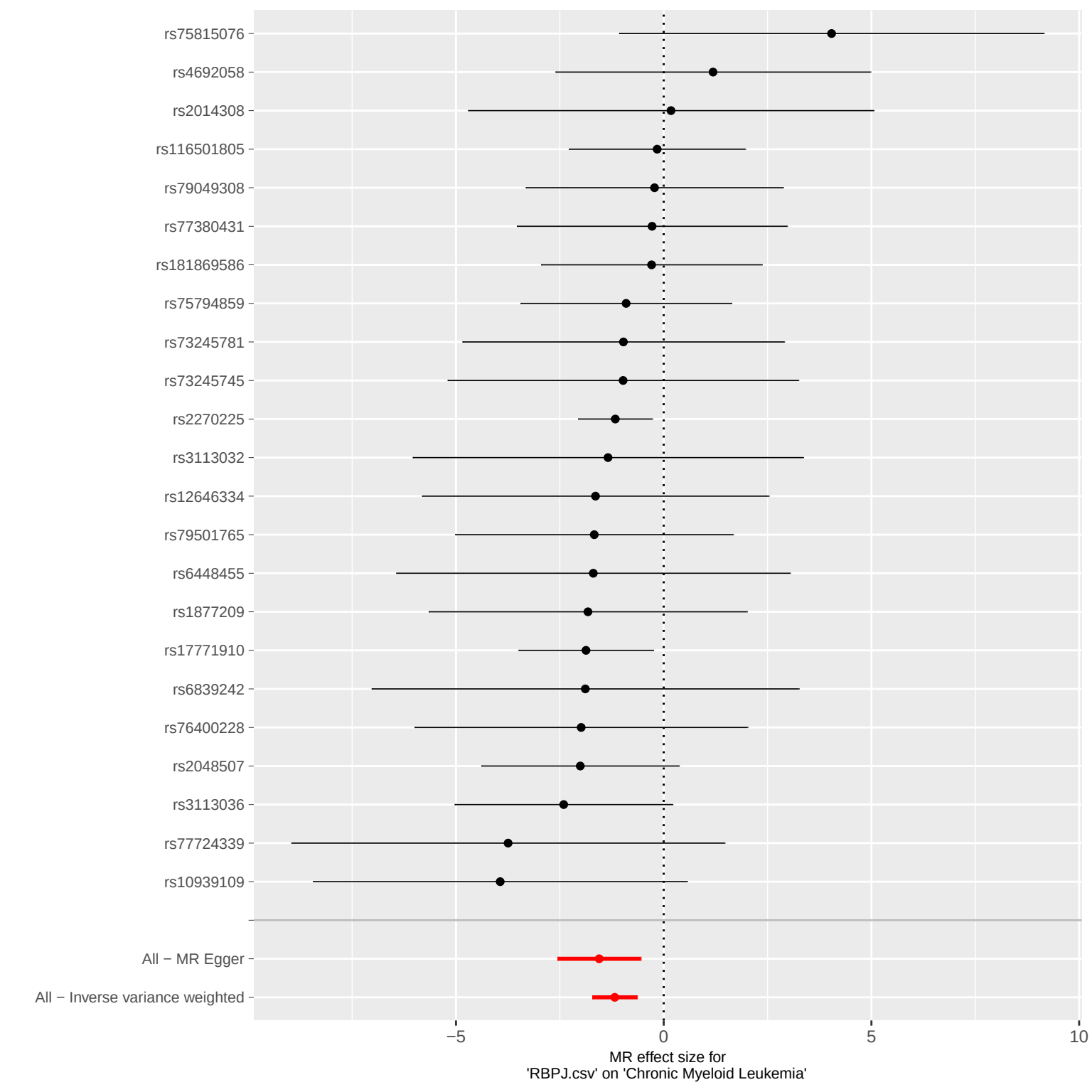
15
MR effect size for
'RBMS2.csv' on 'Chronic Myeloid Leukemia'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rs79501765
rs6448455
rs1877209
rs17771910
rs6839242
rs76400228
rs2048507
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rs77724339
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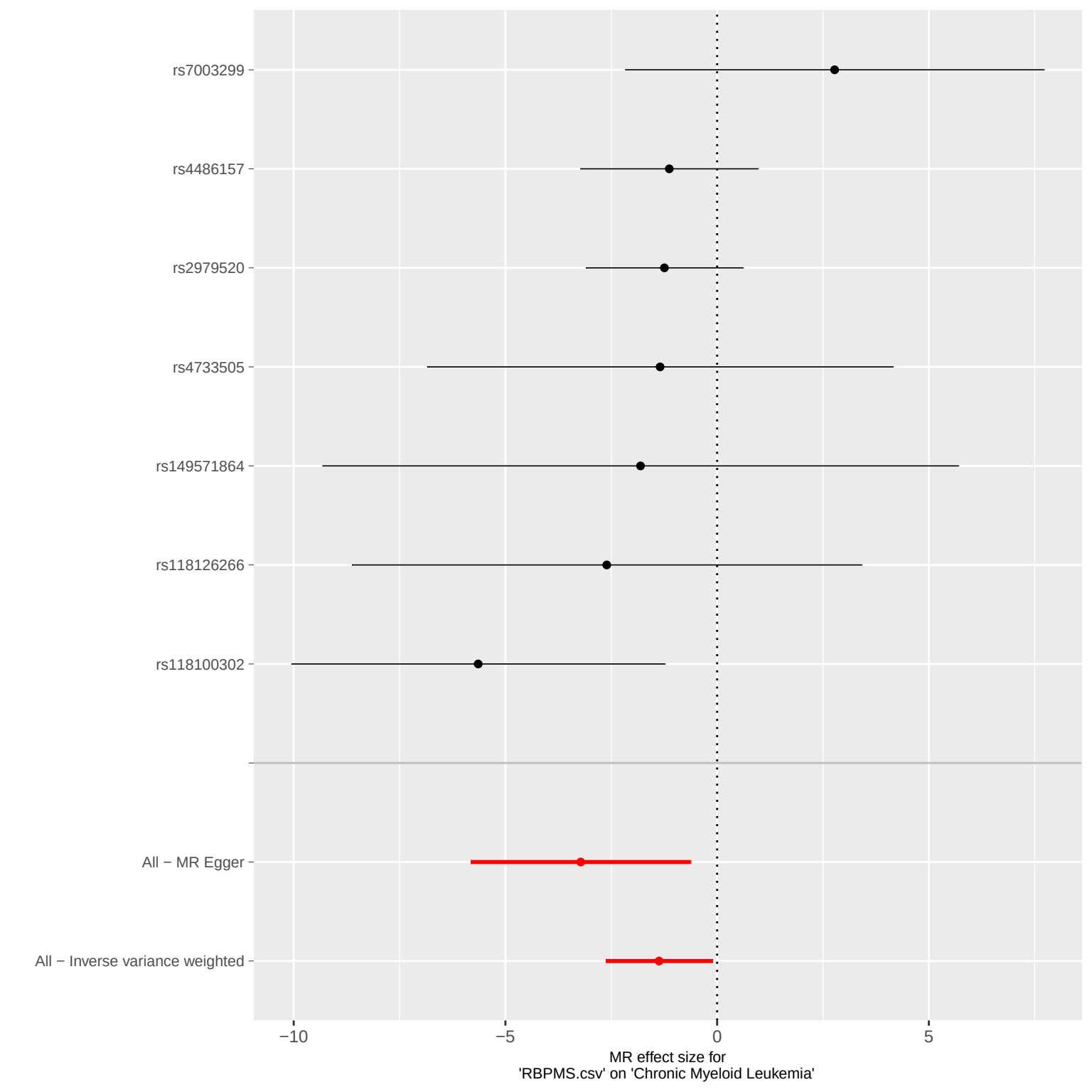
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RBPJ.csv' on 'Chronic Myeloid Leukemia'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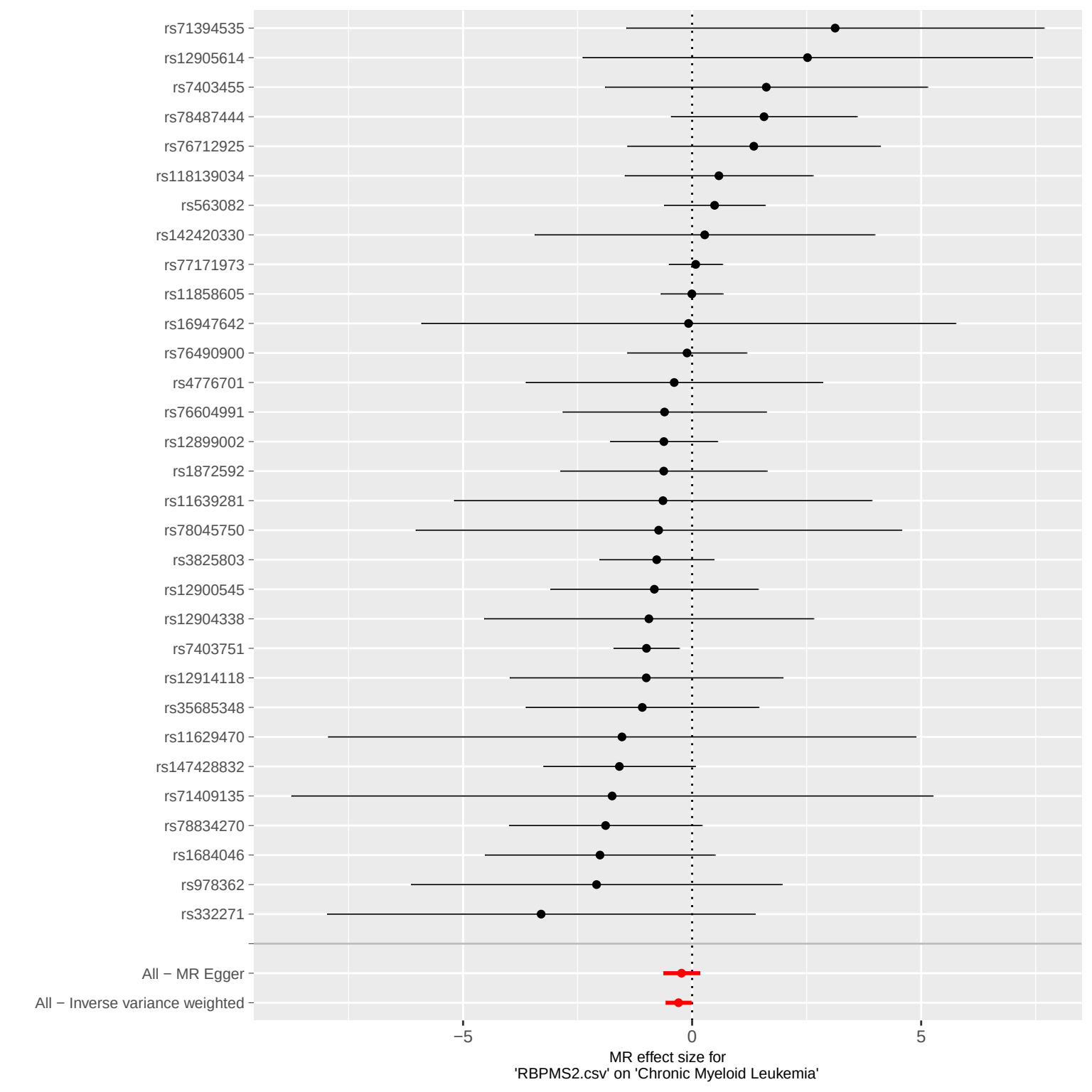
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'RBPMS.csv' on 'Chronic Myeloid Leukemia'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rs35685348
rs11629470
rs147428832
rs71409135
rs78834270
rs1684046
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All − MR Egger
All − Inverse variance weighted
−5
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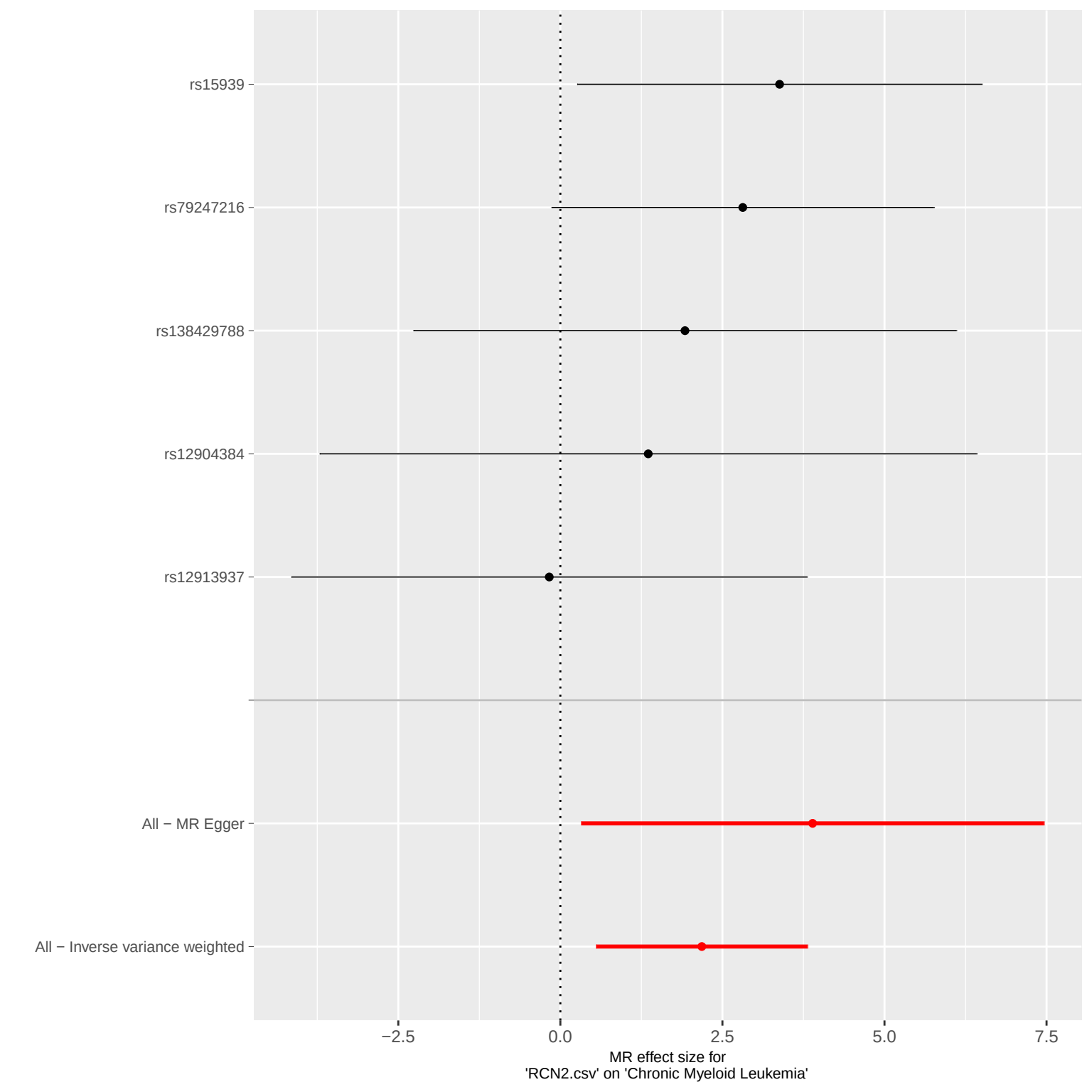
5
MR effect size for
'RBPMS2.csv' on 'Chronic Myeloid Leukemia'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rs12913937
All − MR Egger
All − Inverse variance weighted
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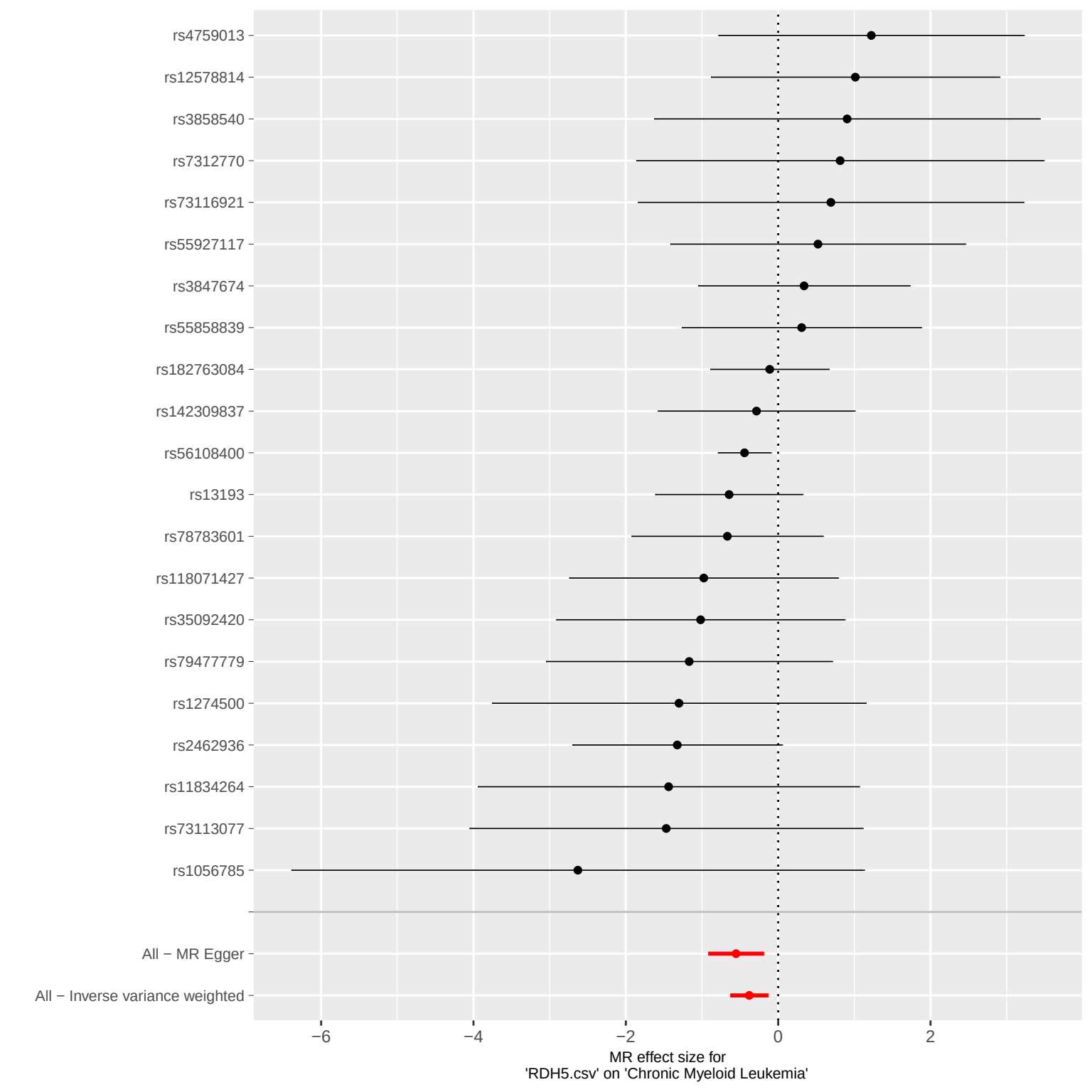
0.0
2.5
5.0
7.5
MR effect size for
'RCN2.csv' on 'Chronic Myeloid Leukemia'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rs13193
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rs118071427
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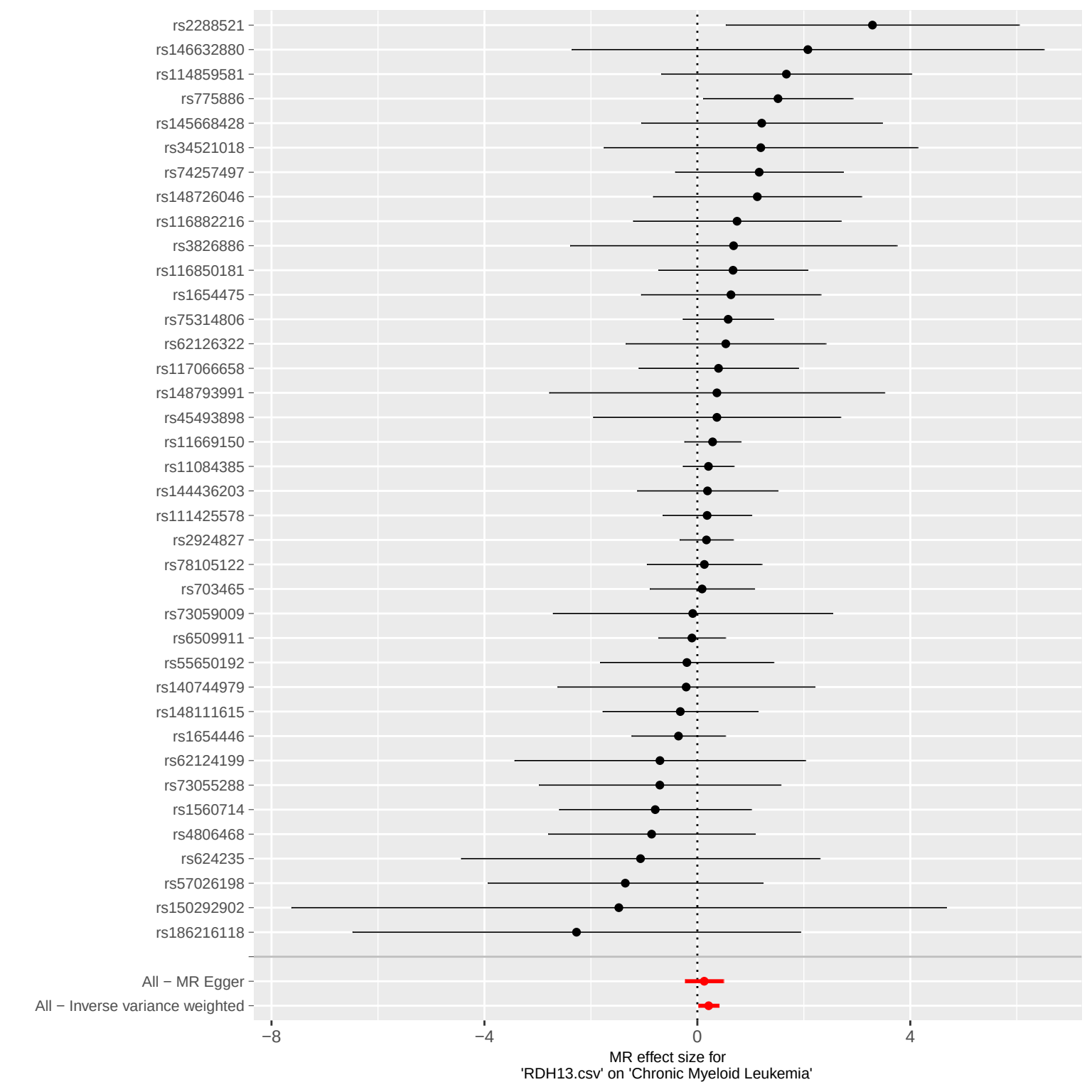
rs79477779
rs1274500
rs2462936
rs11834264
rs73113077
rs1056785
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'RDH5.csv' on 'Chronic Myeloid Leukemia'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rs55650192
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rs148111615
rs1654446
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rs1560714
rs4806468
rs624235
rs57026198
rs150292902
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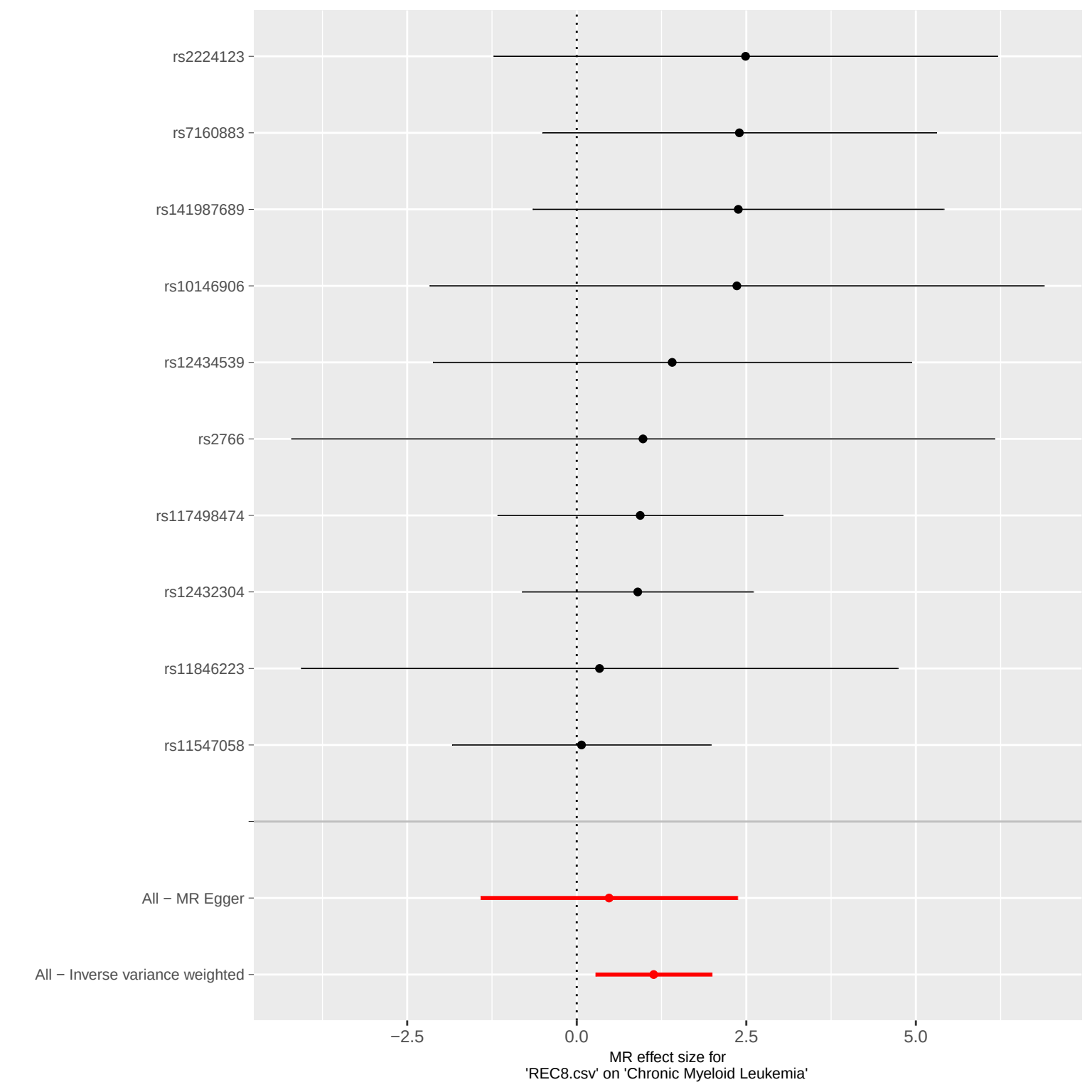
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'RDH13.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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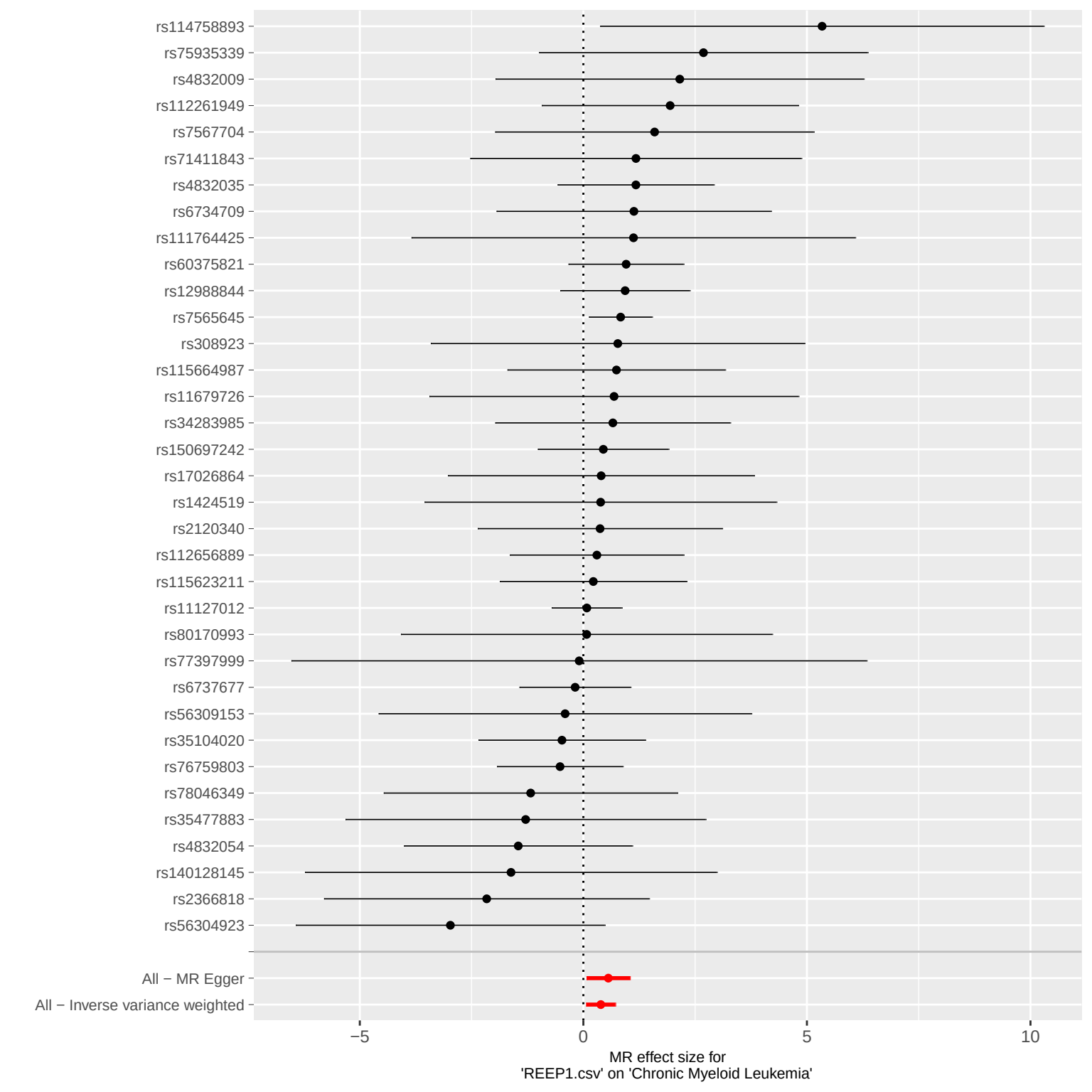
0.0
2.5
5.0
MR effect size for
'REC8.csv' on 'Chronic Myeloid Leukemia'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rs4832054
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All − MR Egger
All − Inverse variance weighted
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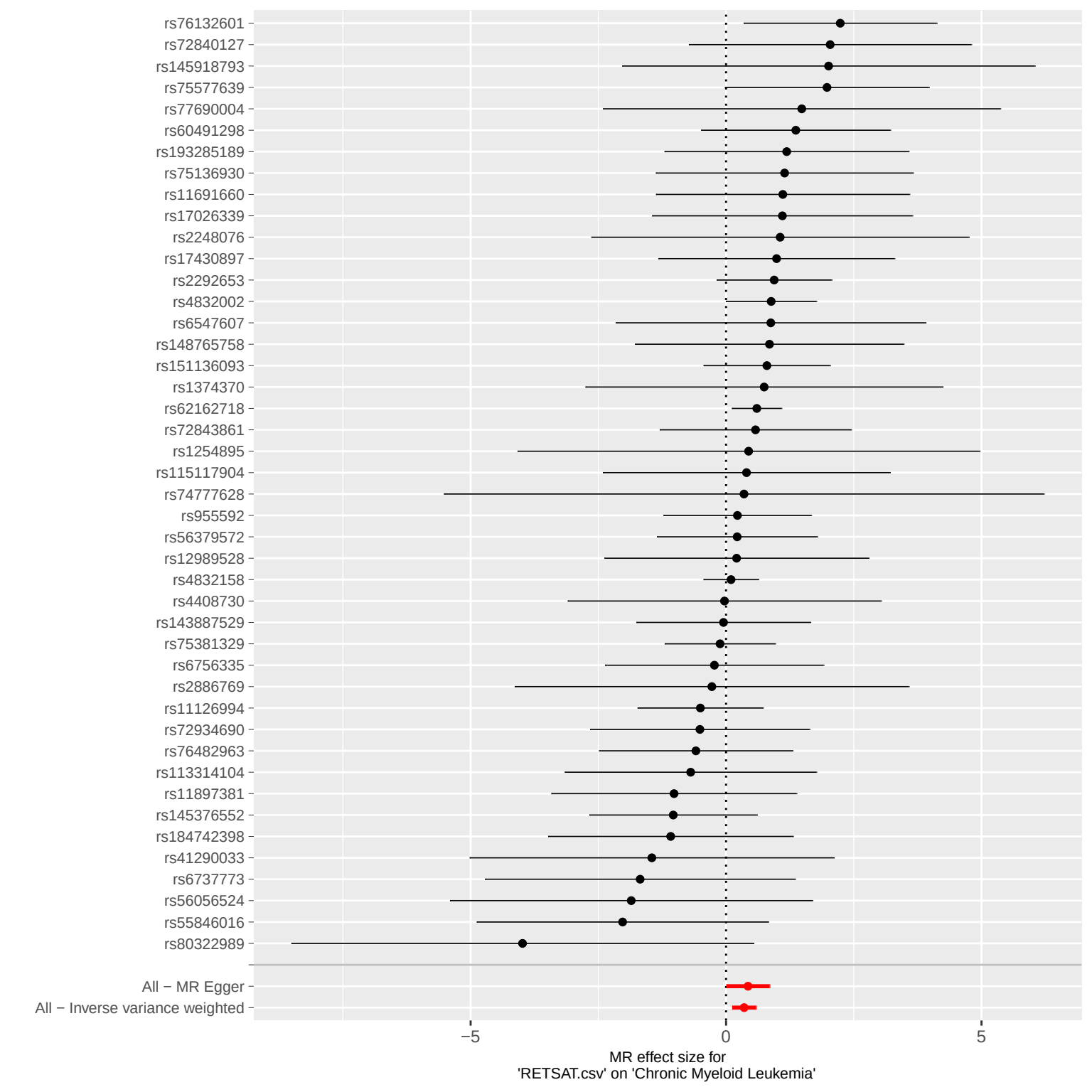
5
10
MR effect size for
'REEP1.csv' on 'Chronic Myeloid Leukemia'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rs56056524
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All − MR Egger
All − Inverse variance weighted
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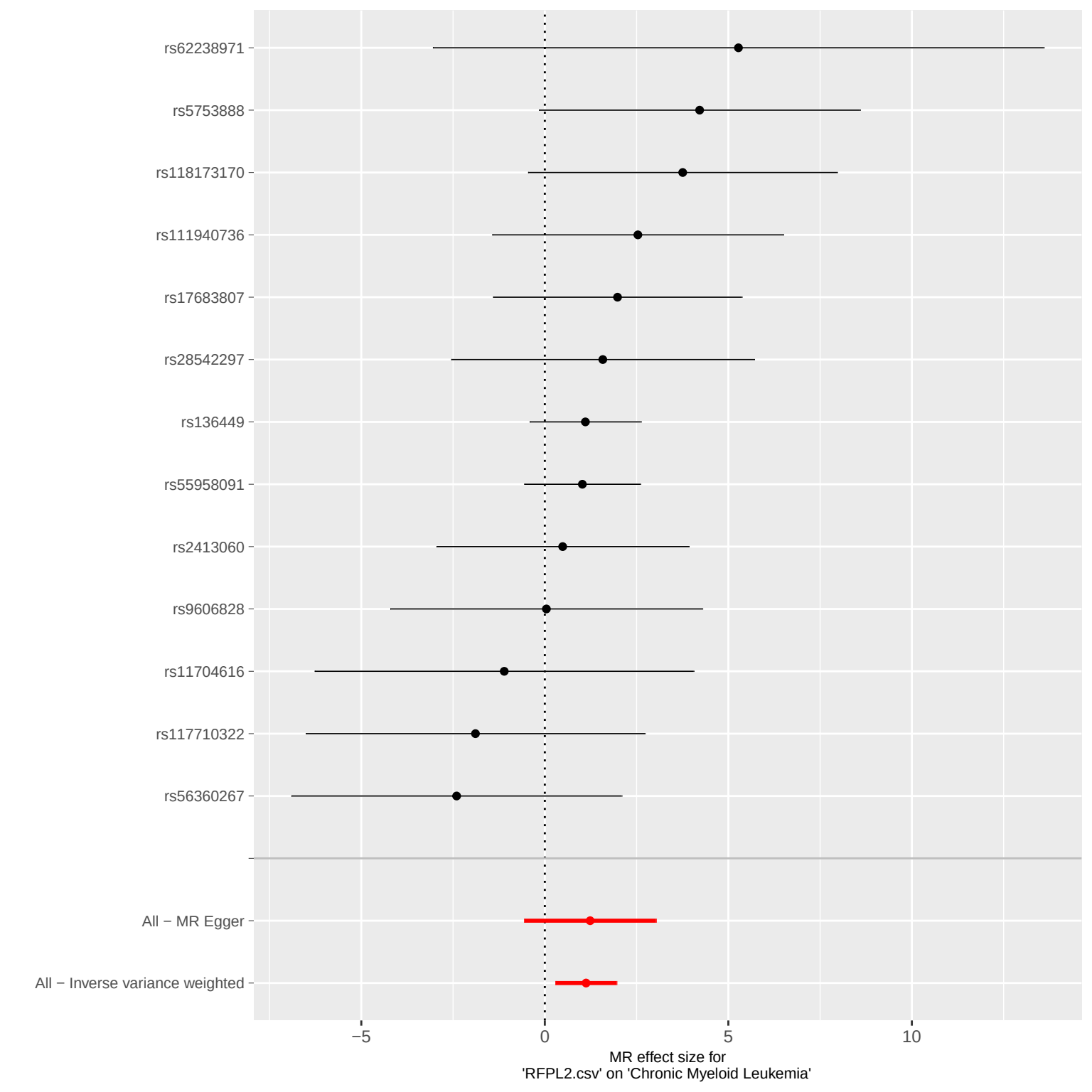
5
MR effect size for
'RETSAT.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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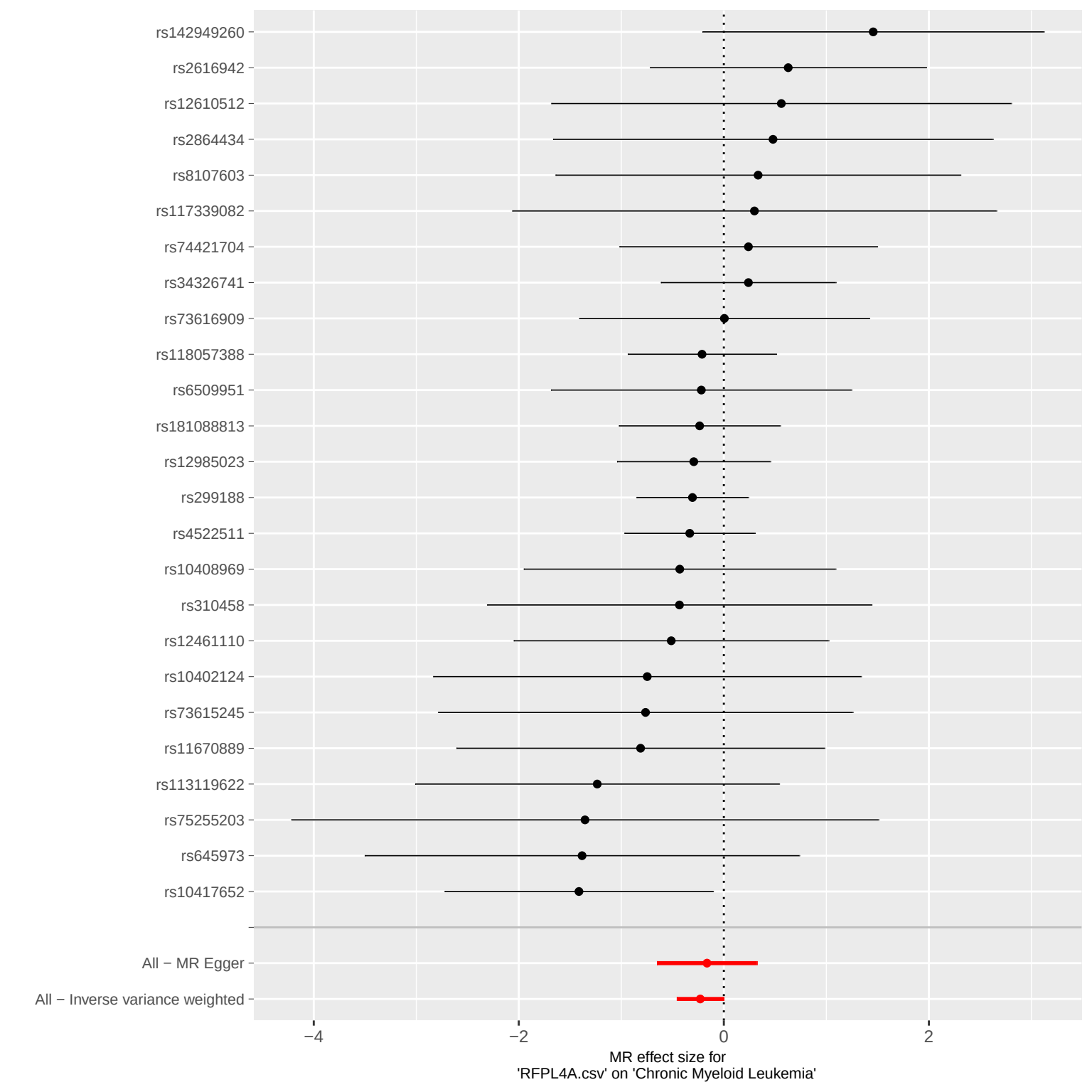
MR effect size for
'RFPL2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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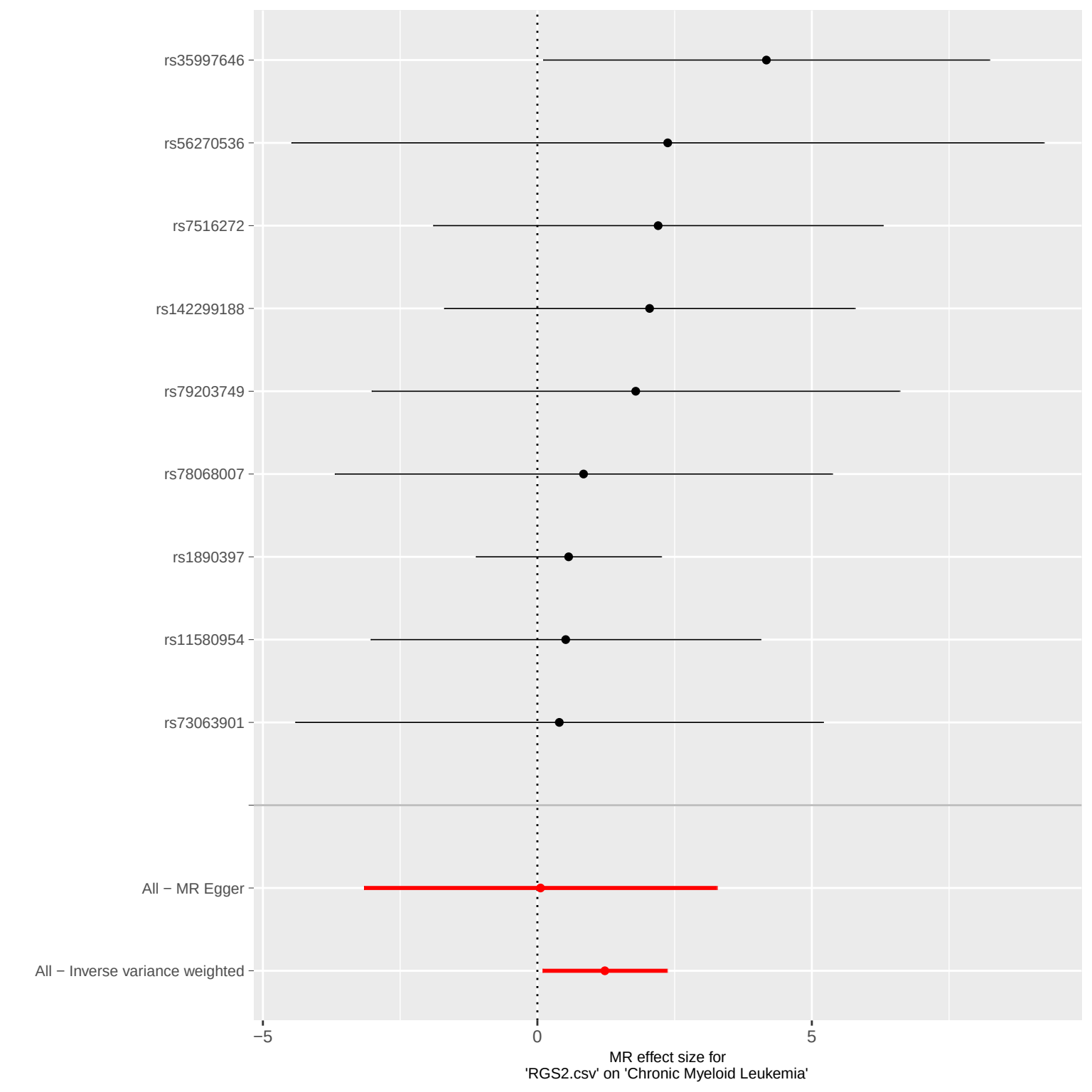
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All − Inverse variance weighted
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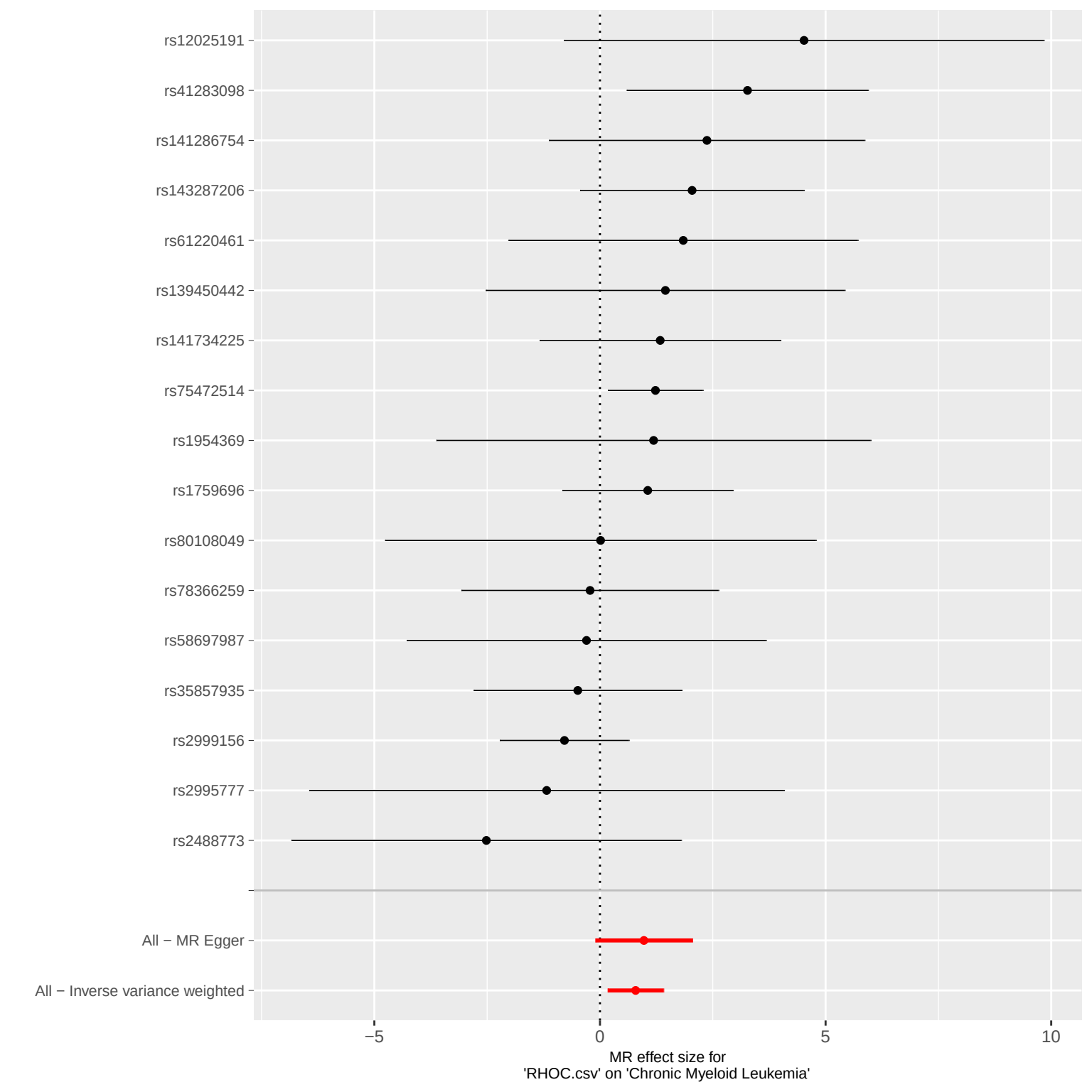
MR effect size for
'RGS2.csv' on 'Chronic Myeloid Leukemia'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rs2999156
rs2995777
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All − Inverse variance weighted
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MR effect size for
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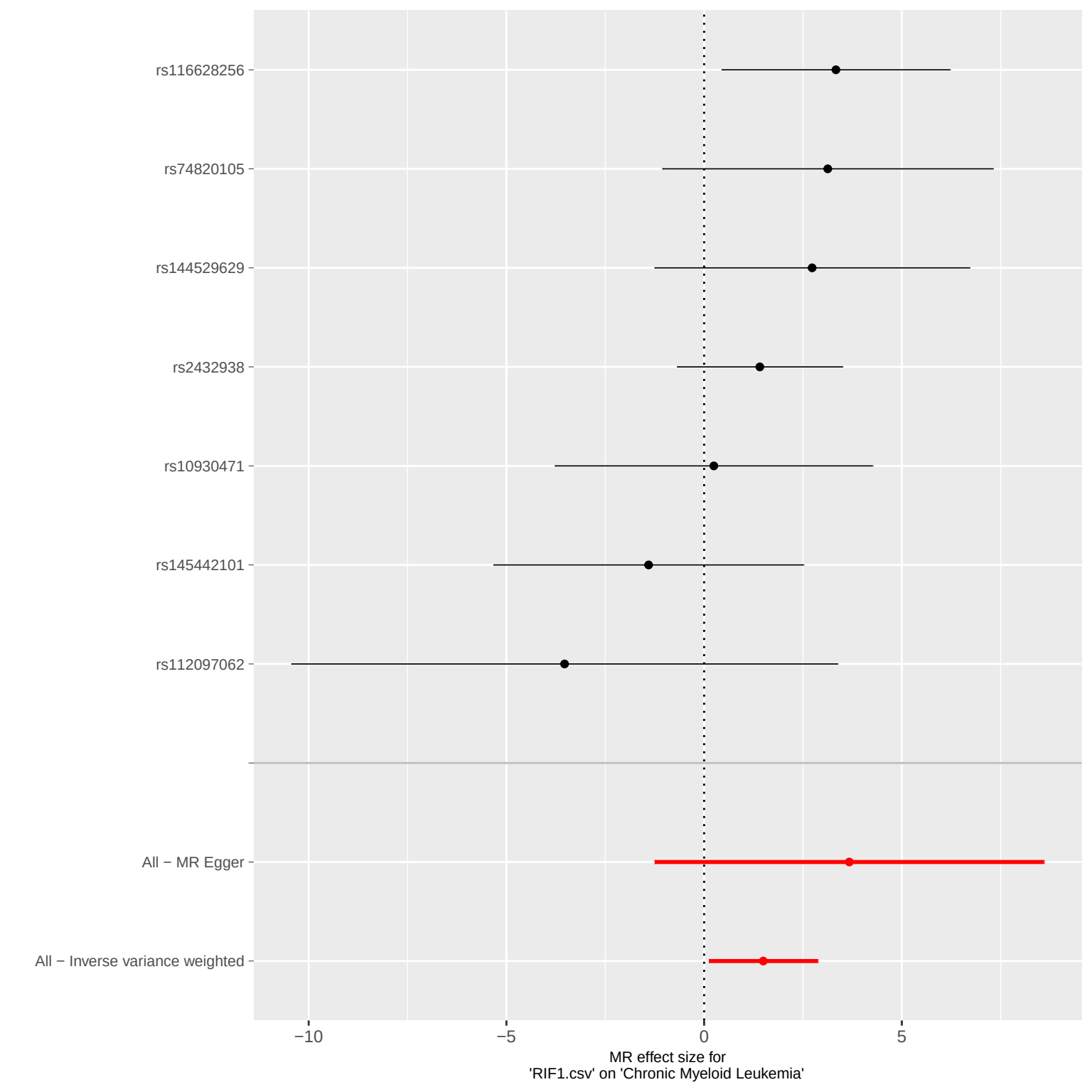
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rs10930471
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All − MR Egger
All − Inverse variance weighted
−10
−5
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MR effect size for
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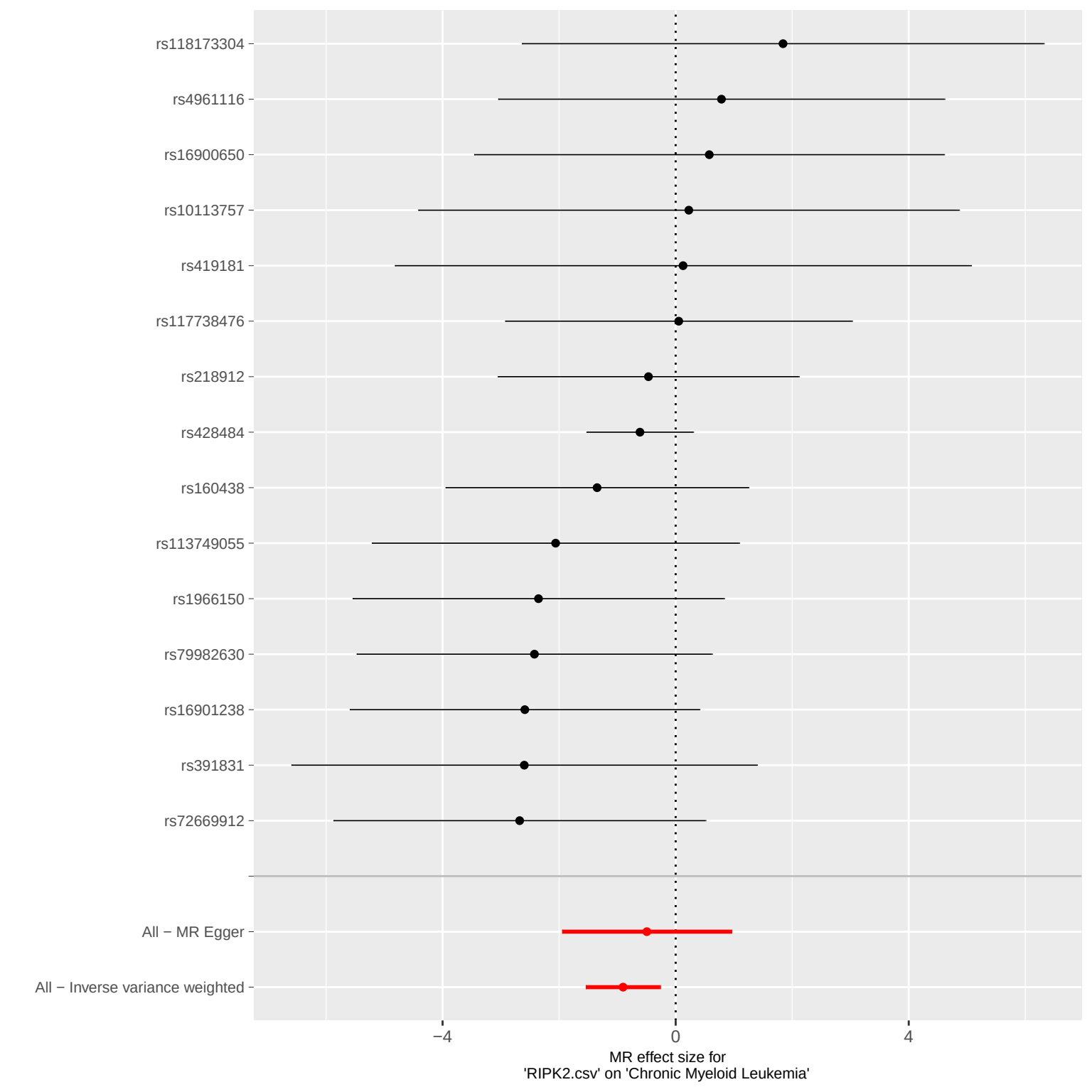
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rs16901238
rs391831
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All − MR Egger
All − Inverse variance weighted
−4
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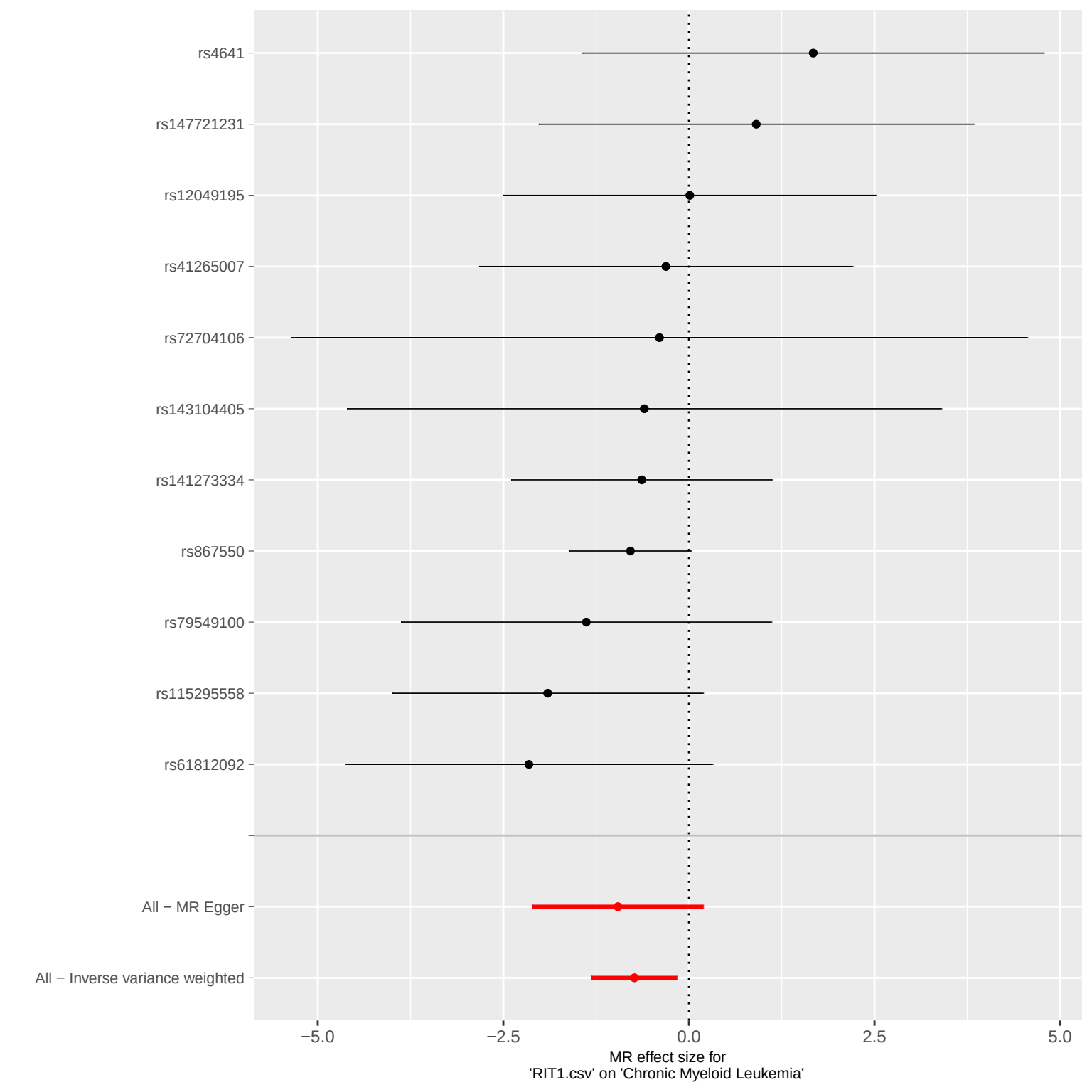
MR effect size for
'RIPK2.csv' on 'Chronic Myeloid Leukemia'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rs72704106
rs143104405
rs141273334
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rs79549100
rs115295558
rs61812092
All − MR Egger
All − Inverse variance weighted
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−2.5
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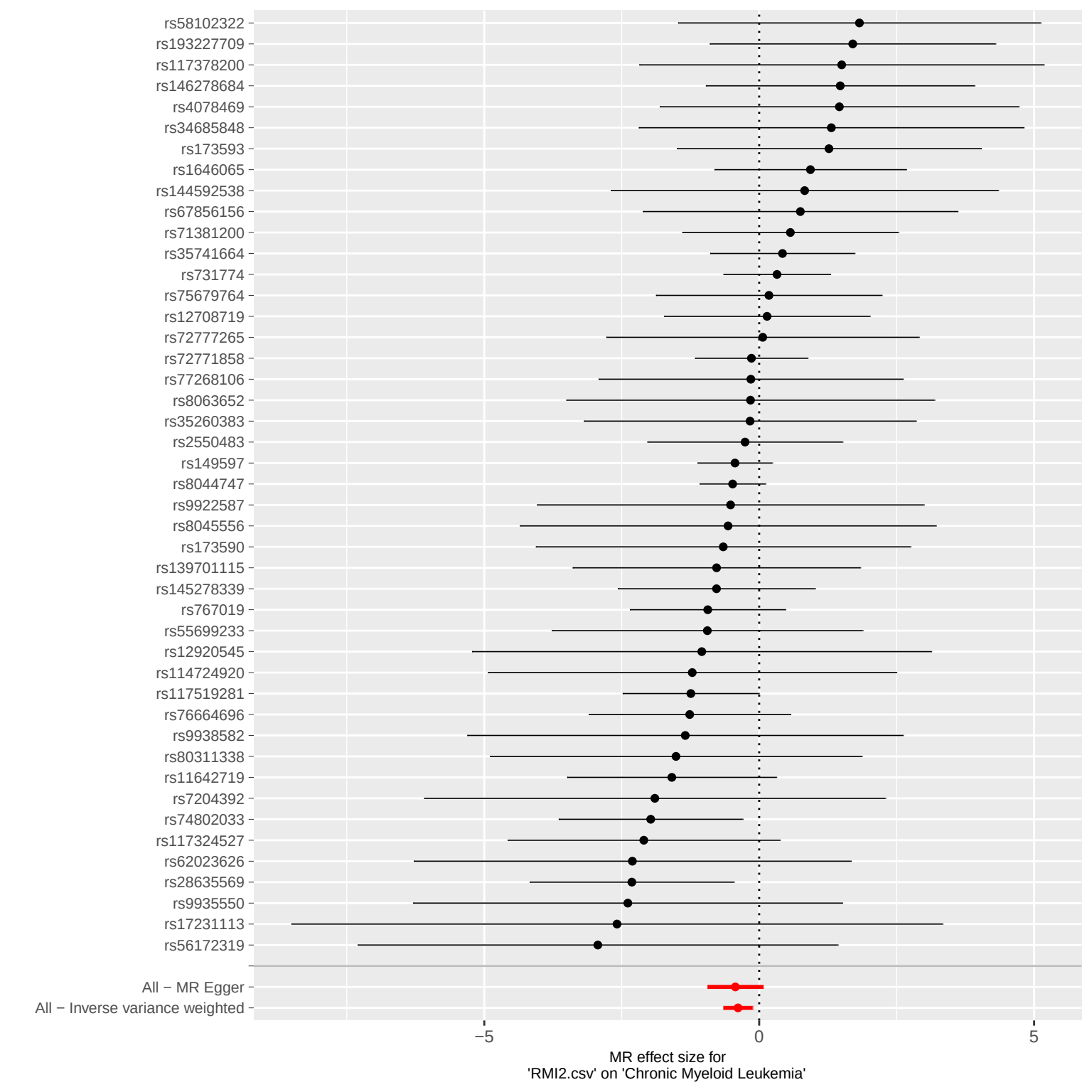
2.5
5.0
MR effect size for
'RIT1.csv' on 'Chronic Myeloid Leukemia'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rs62023626
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All − MR Egger
All − Inverse variance weighted
−5
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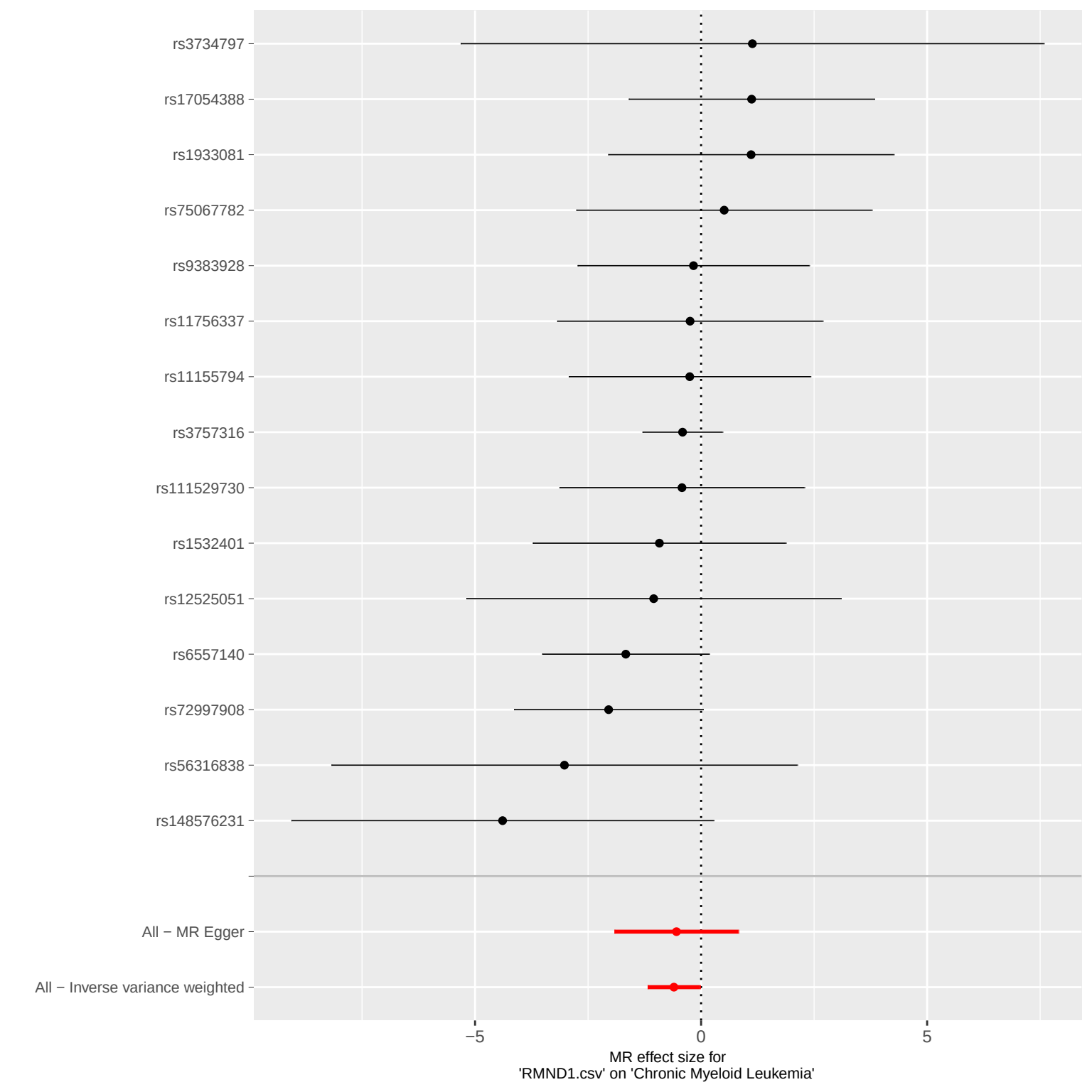
5
MR effect size for
'RMI2.csv' on 'Chronic Myeloid Leukemia'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rs56316838
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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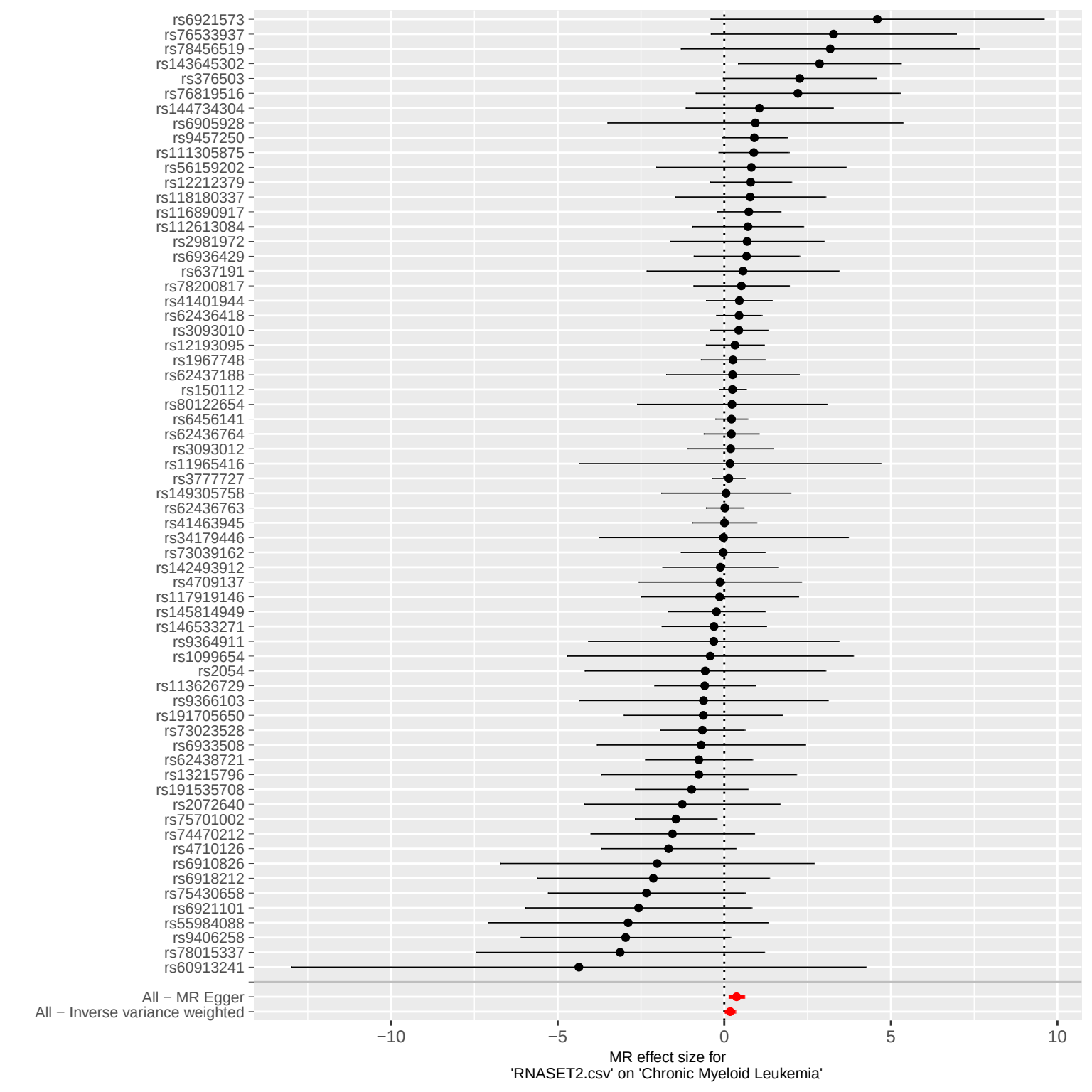
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rs78200817
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rs75430658
rs6921101
rs55984088
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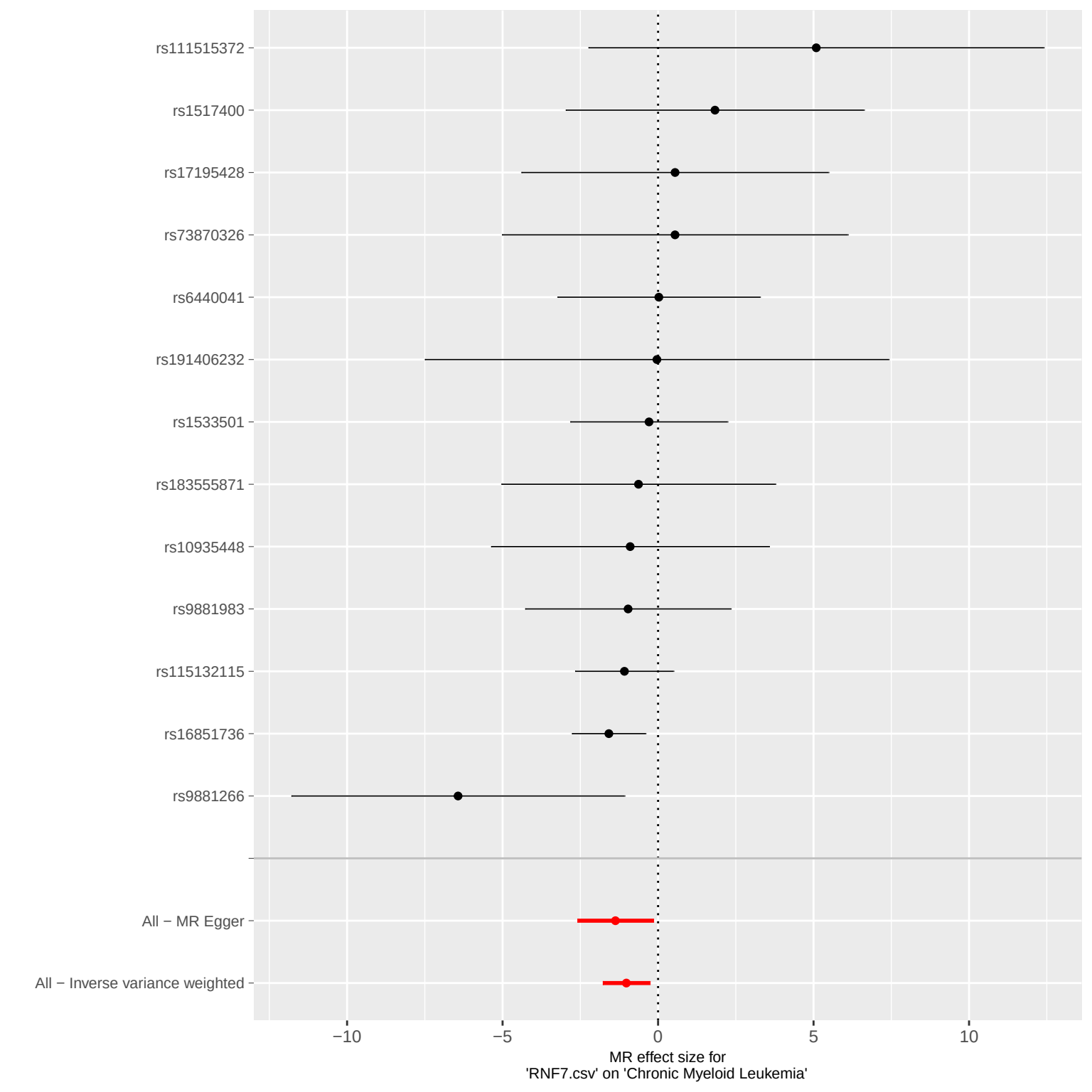
rs78015337
rs60913241
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'RNASET2.csv' on 'Chronic Myeloid Leukemia'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rs10935448
rs9881983
rs115132115
rs16851736
rs9881266
All − MR Egger
All − Inverse variance weighted
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−5
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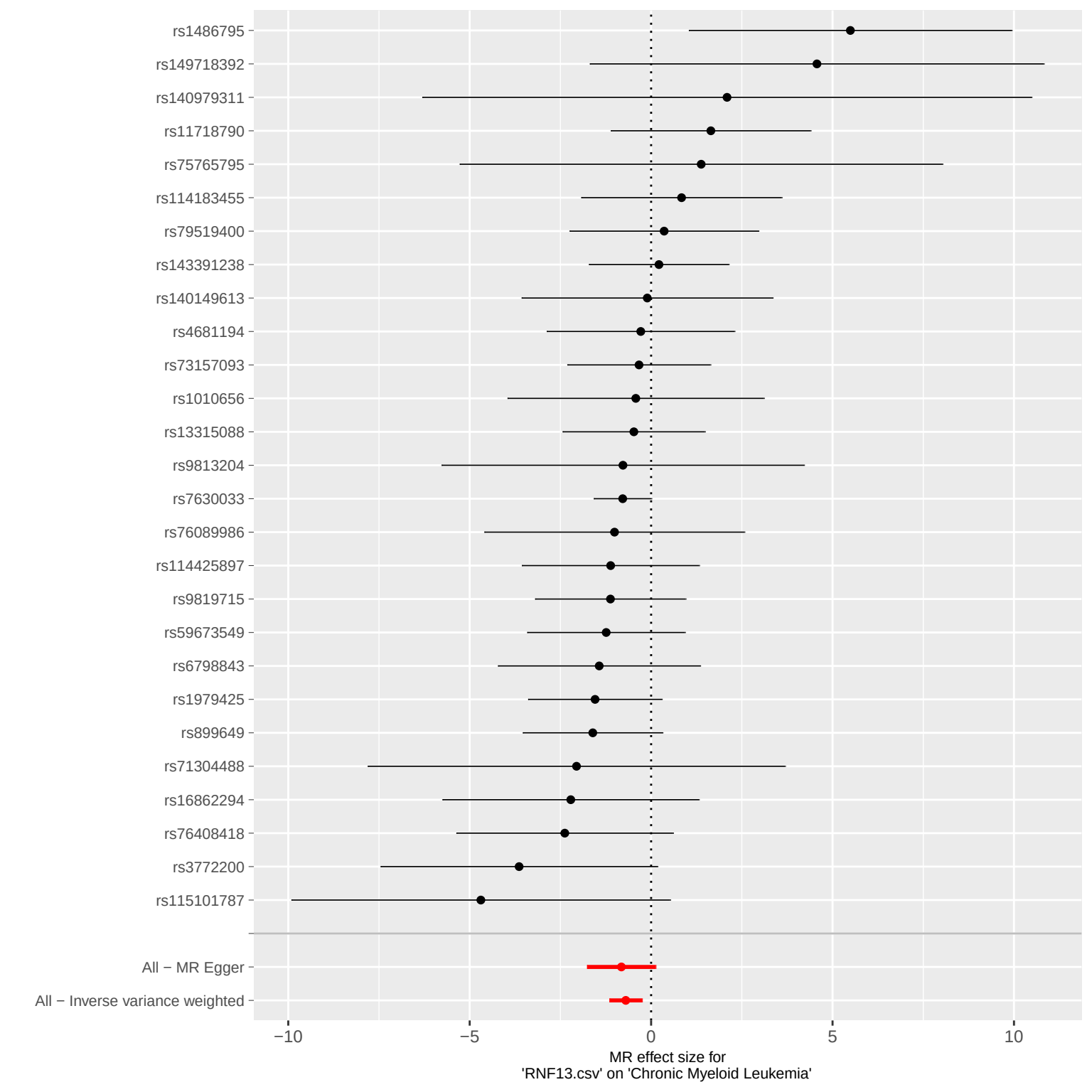
MR effect size for
'RNF7.csv' on 'Chronic Myeloid Leukemia'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rs1979425
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rs71304488
rs16862294
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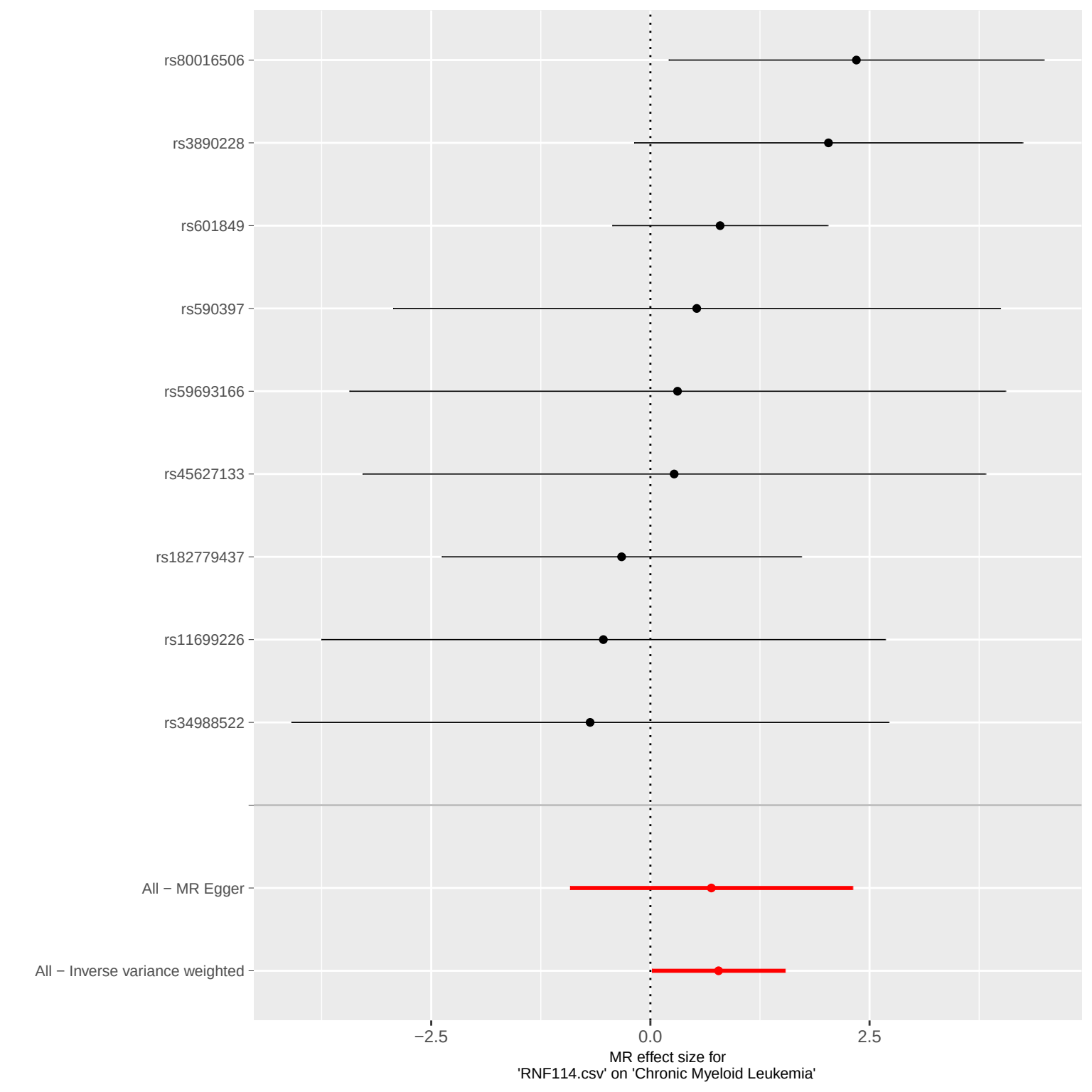
rs3772200
rs115101787
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'RNF13.csv' on 'Chronic Myeloid Leukemia'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rs45627133
rs182779437
rs11699226
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All − MR Egger
All − Inverse variance weighted
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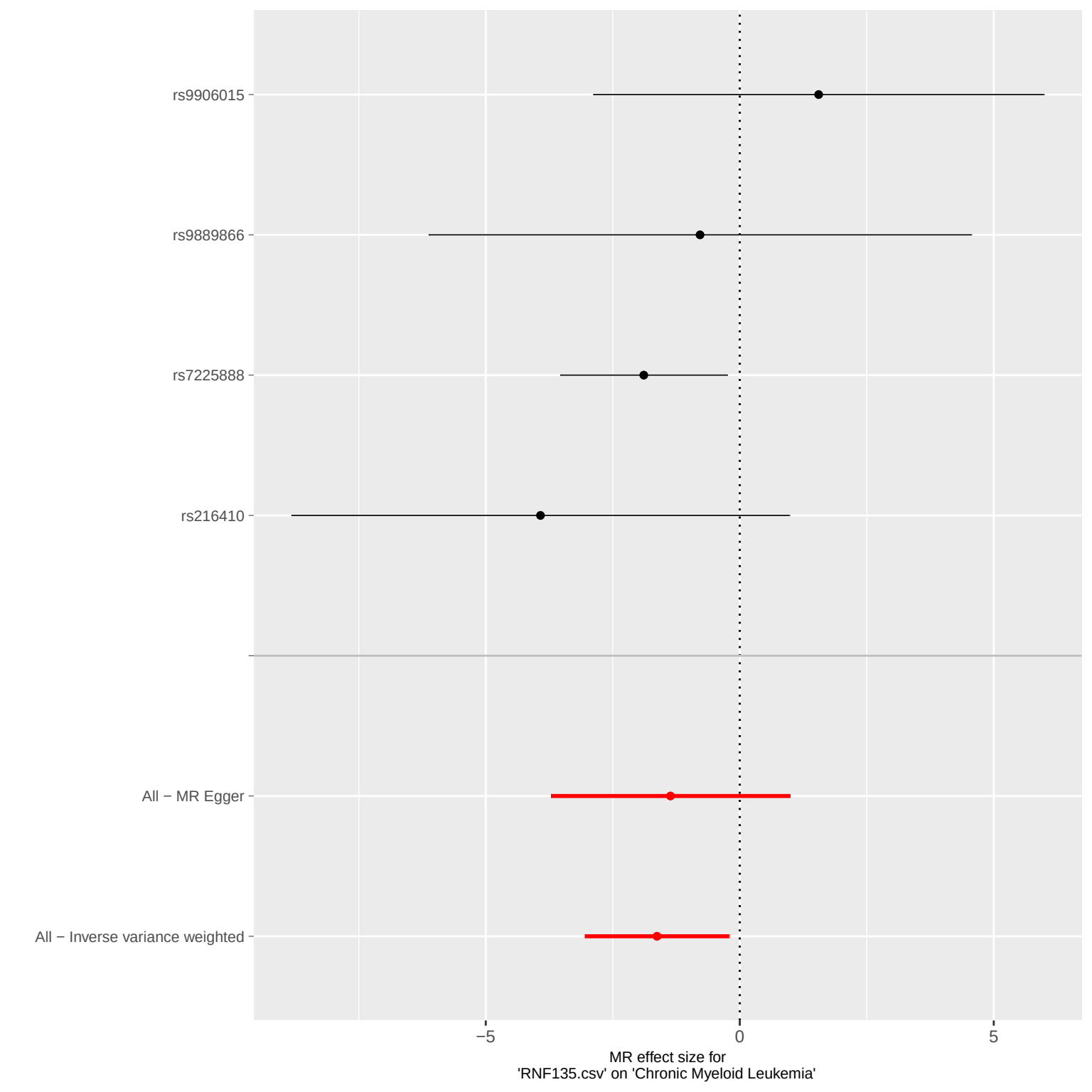
0.0
2.5
MR effect size for
'RNF114.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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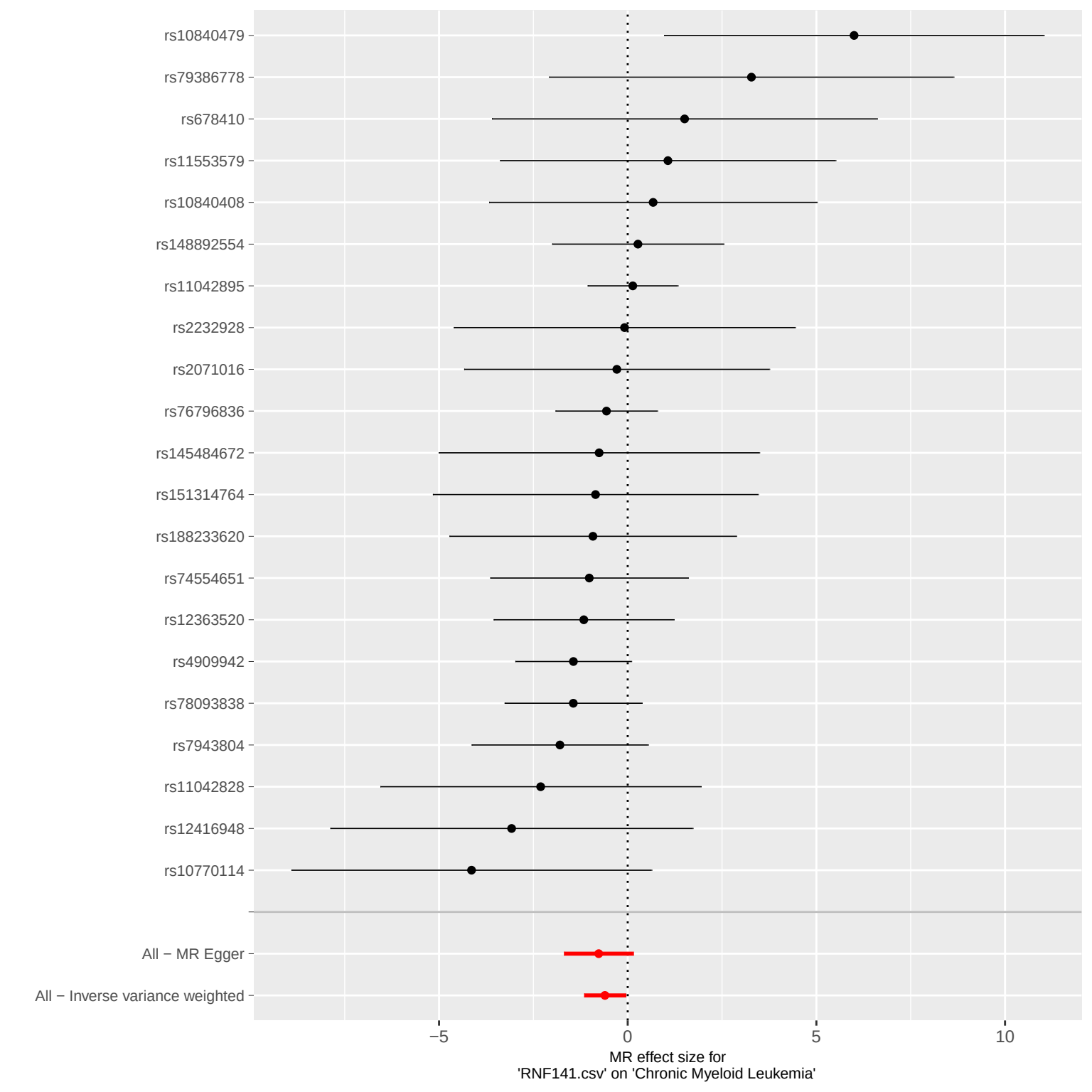
5
MR effect size for
'RNF135.csv' on 'Chronic Myeloid Leukemia'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rs151314764
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rs12363520
rs4909942
rs78093838
rs7943804
rs11042828
rs12416948
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All − MR Egger
All − Inverse variance weighted
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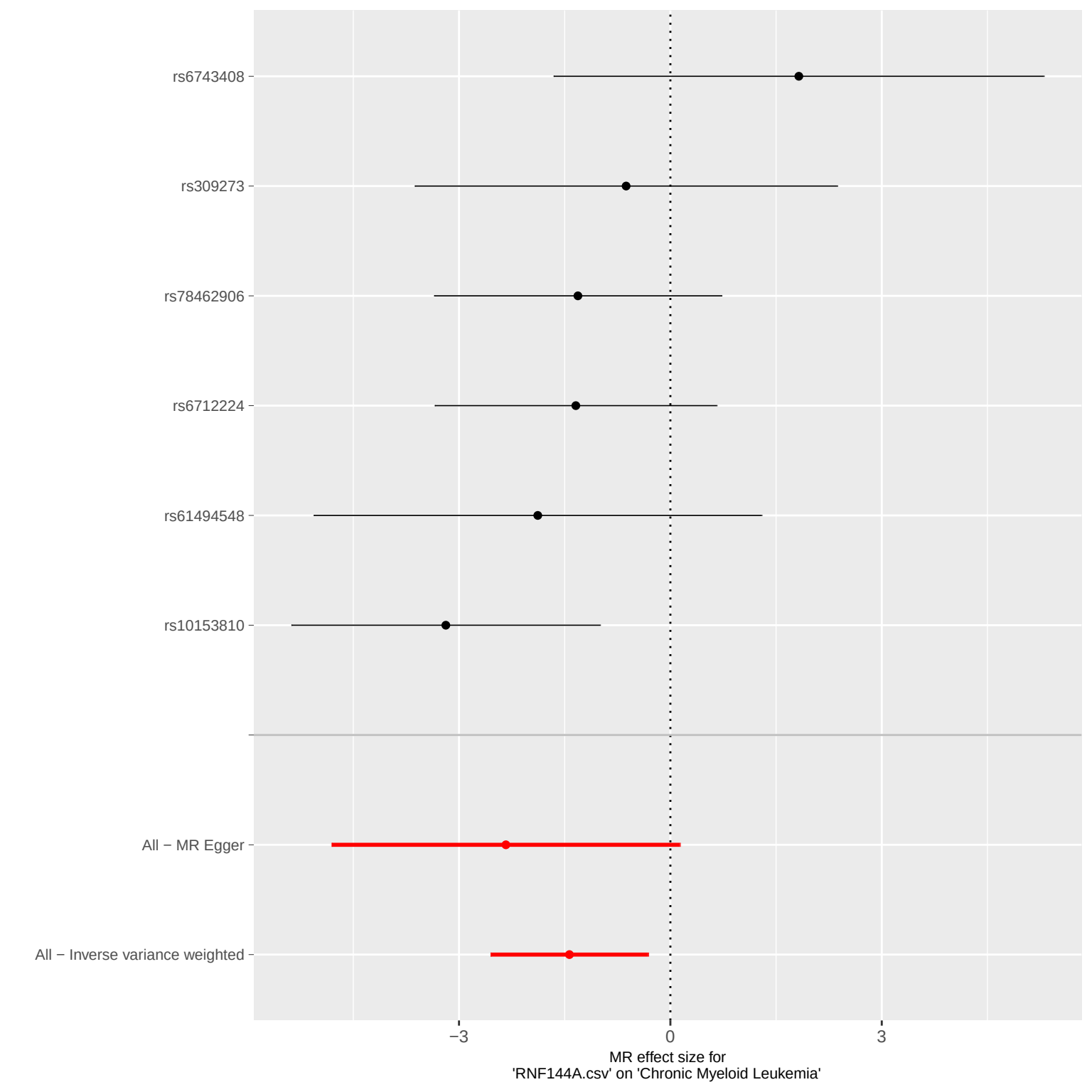
MR effect size for
'RNF141.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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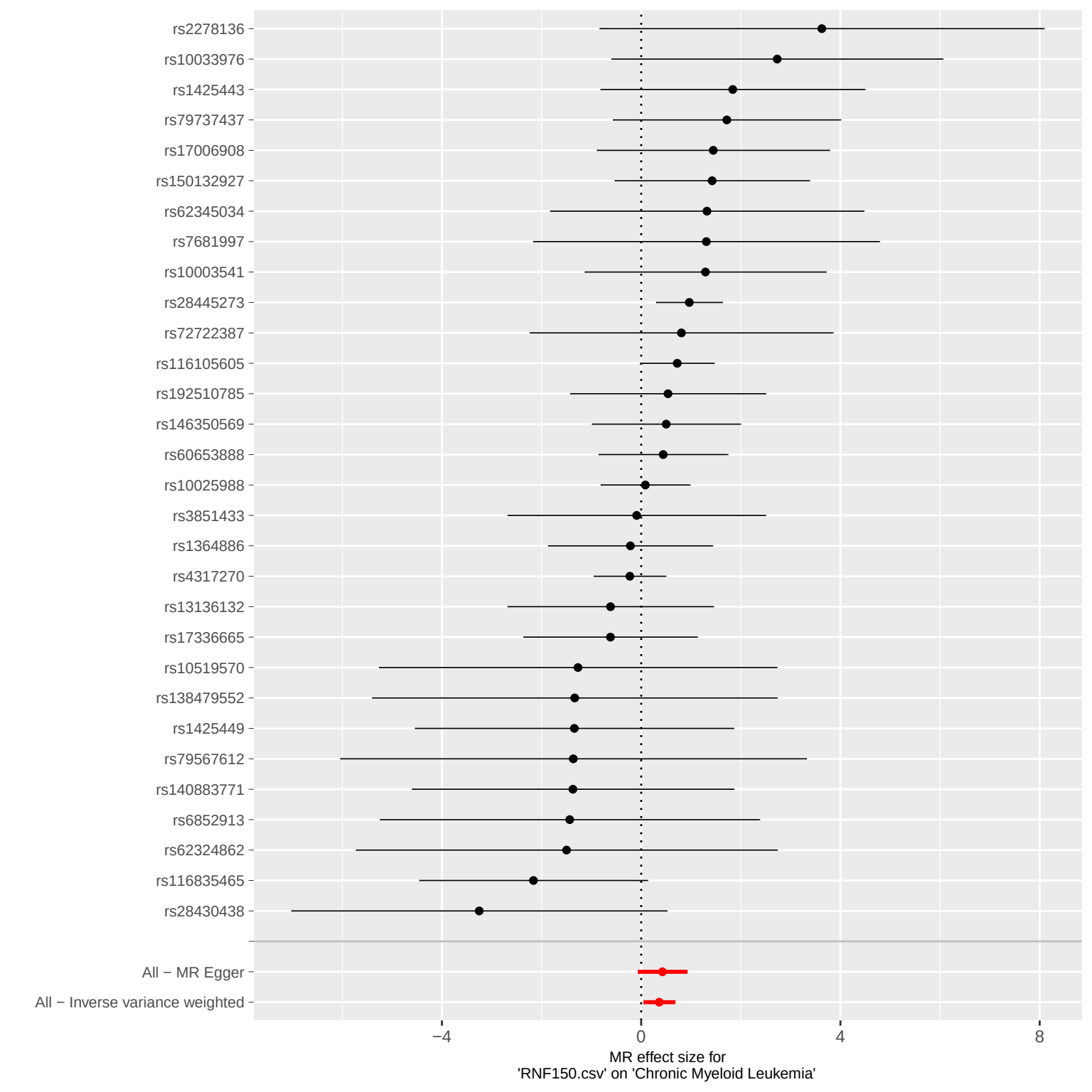
'RNF144A.csv' on 'Chronic Myeloid Leukemia'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rs17336665
rs10519570
rs138479552
rs1425449
rs79567612
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rs6852913
rs62324862
rs116835465
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All − MR Egger
All − Inverse variance weighted
−4
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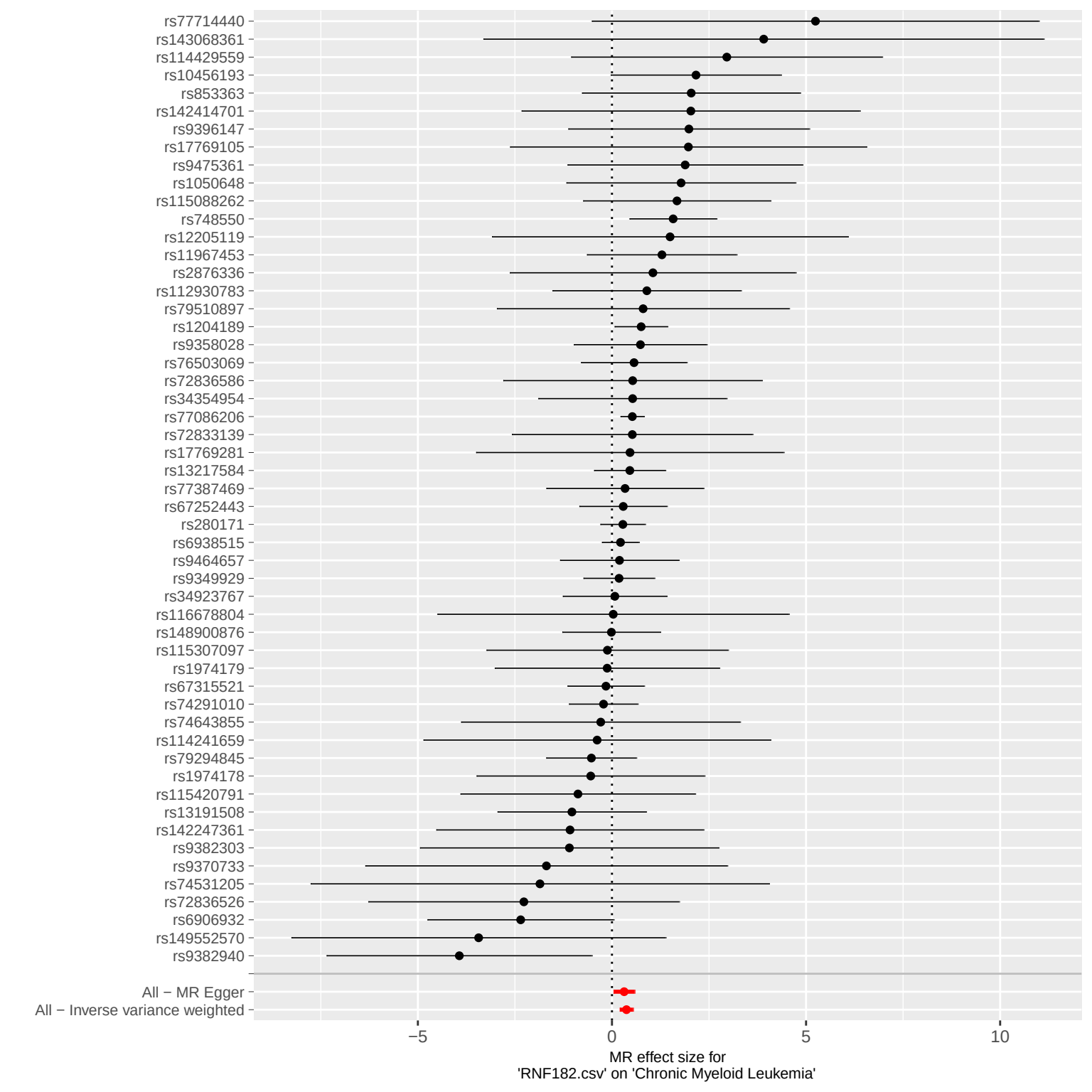
4
8
MR effect size for
'RNF150.csv' on 'Chronic Myeloid Leukemia'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rs1204189
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All − MR Egger
All − Inverse variance weighted
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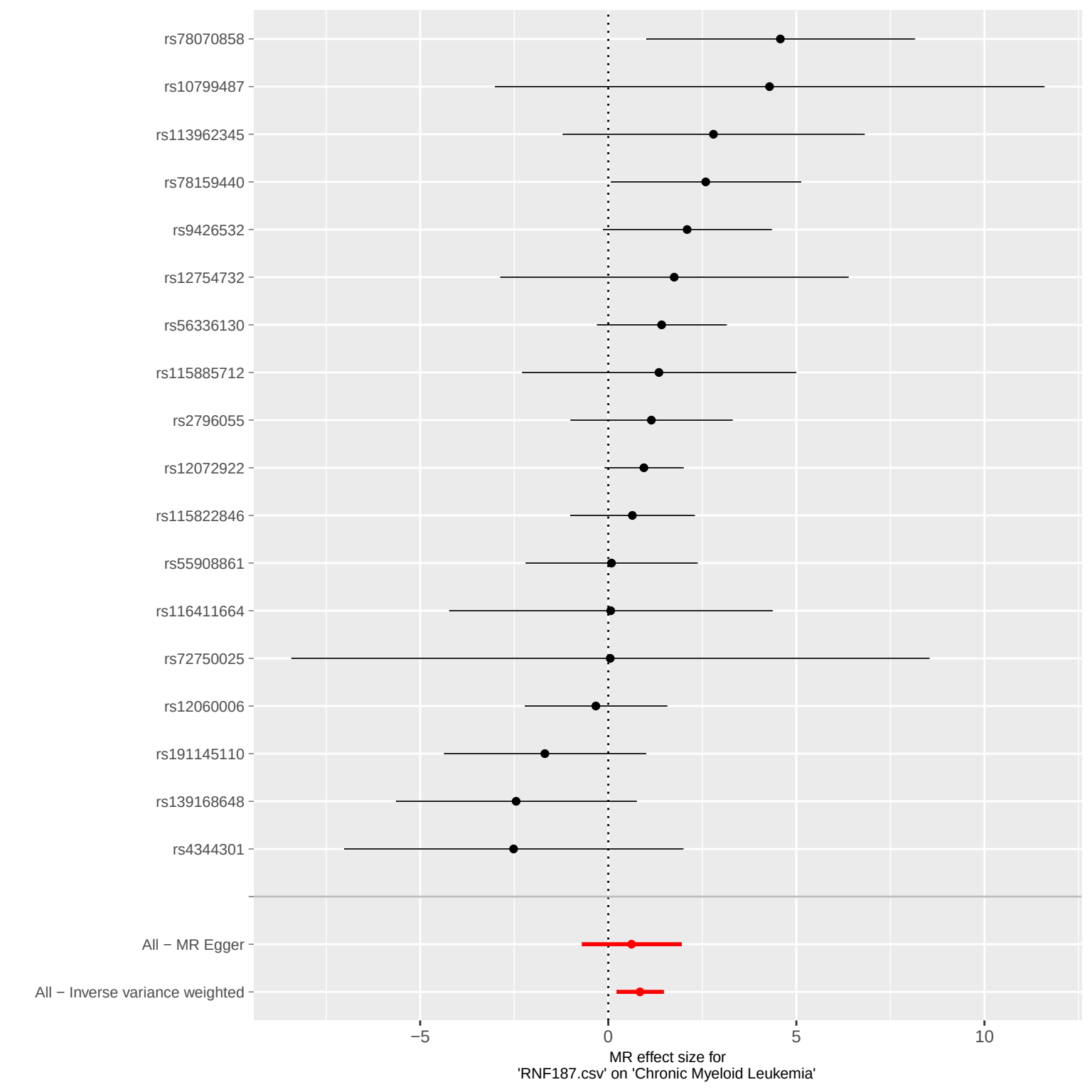
MR effect size for
'RNF182.csv' on 'Chronic Myeloid Leukemia'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rs72750025
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rs191145110
rs139168648
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All − Inverse variance weighted
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MR effect size for
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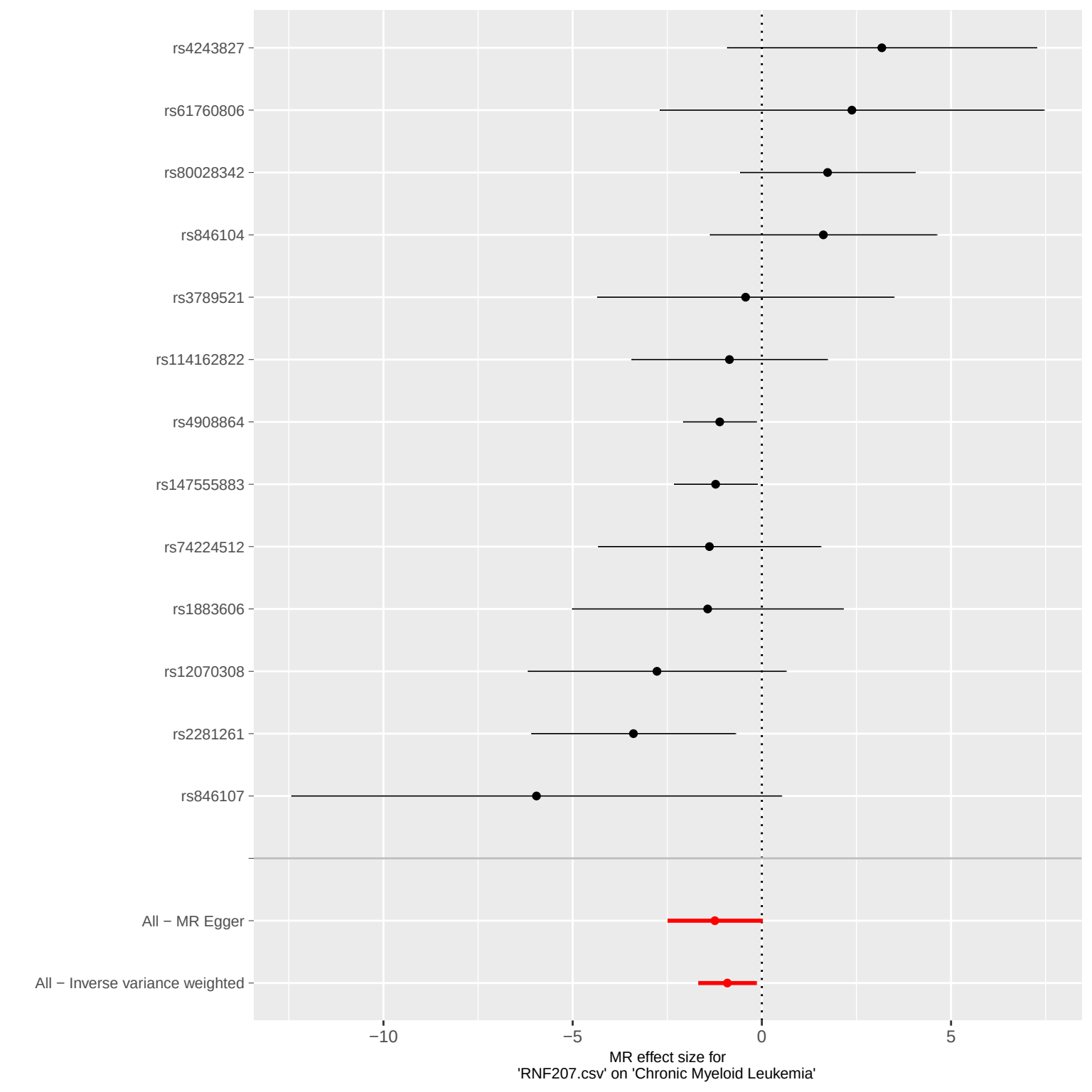
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All − MR Egger
All − Inverse variance weighted
−10
−5
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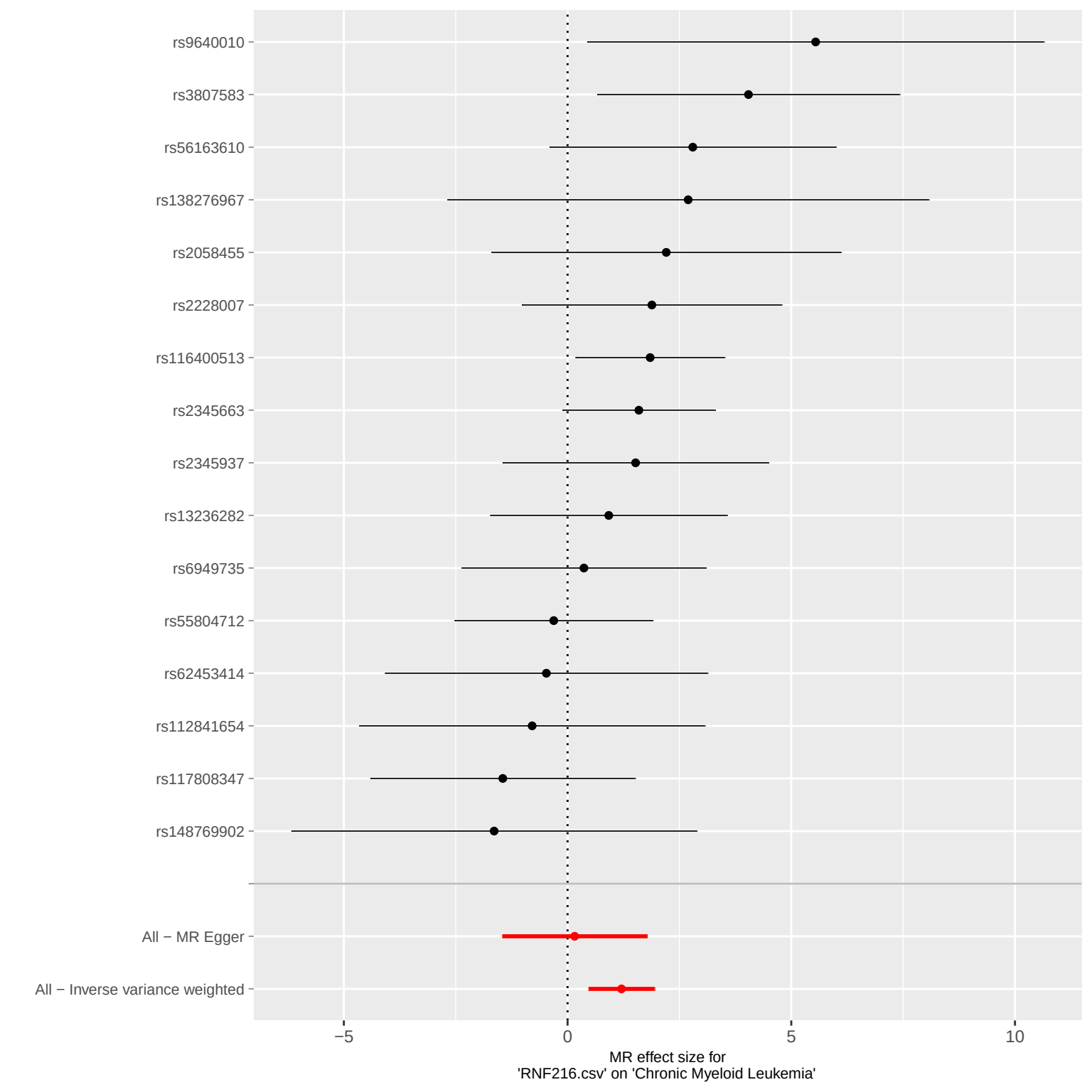
MR effect size for
'RNF207.csv' on 'Chronic Myeloid Leukemia'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rs117808347
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All − MR Egger
All − Inverse variance weighted
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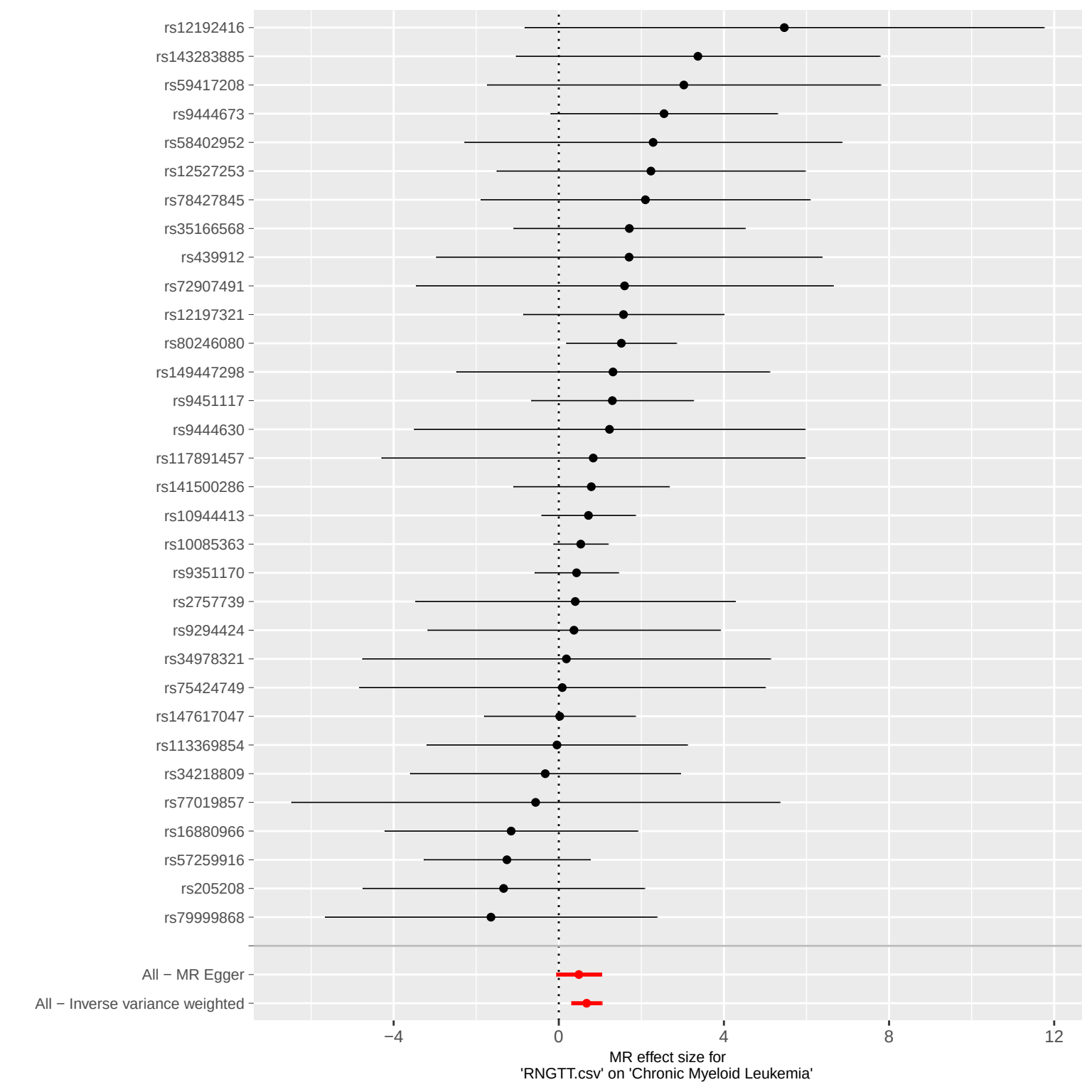
MR effect size for
'RNF216.csv' on 'Chronic Myeloid Leukemia'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rs205208
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All − MR Egger
All − Inverse variance weighted
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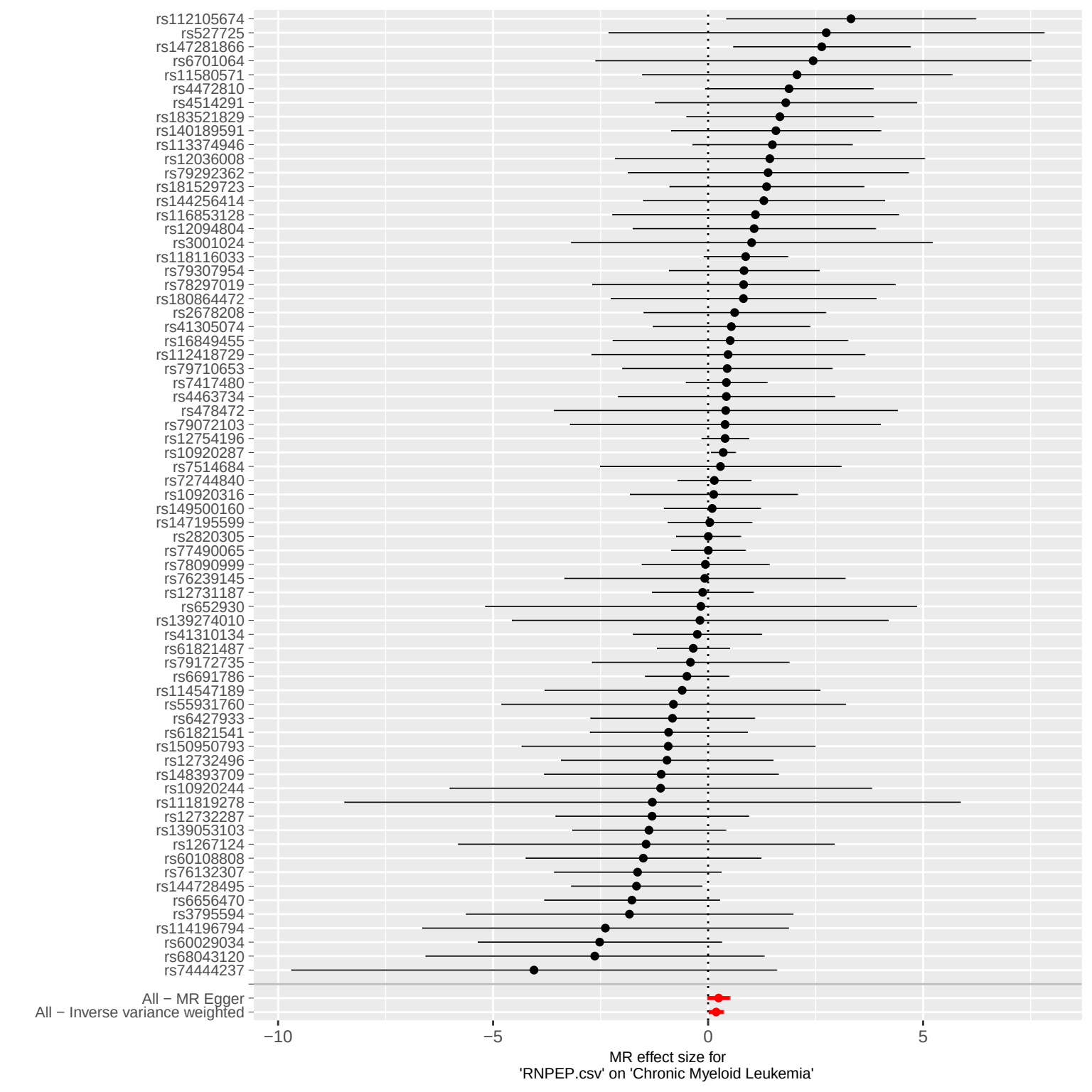
4
8
12
MR effect size for
'RNGTT.csv' on 'Chronic Myeloid Leukemia'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rs6656470
rs3795594
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rs60029034
rs68043120
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All − MR Egger
All − Inverse variance weighted
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−5
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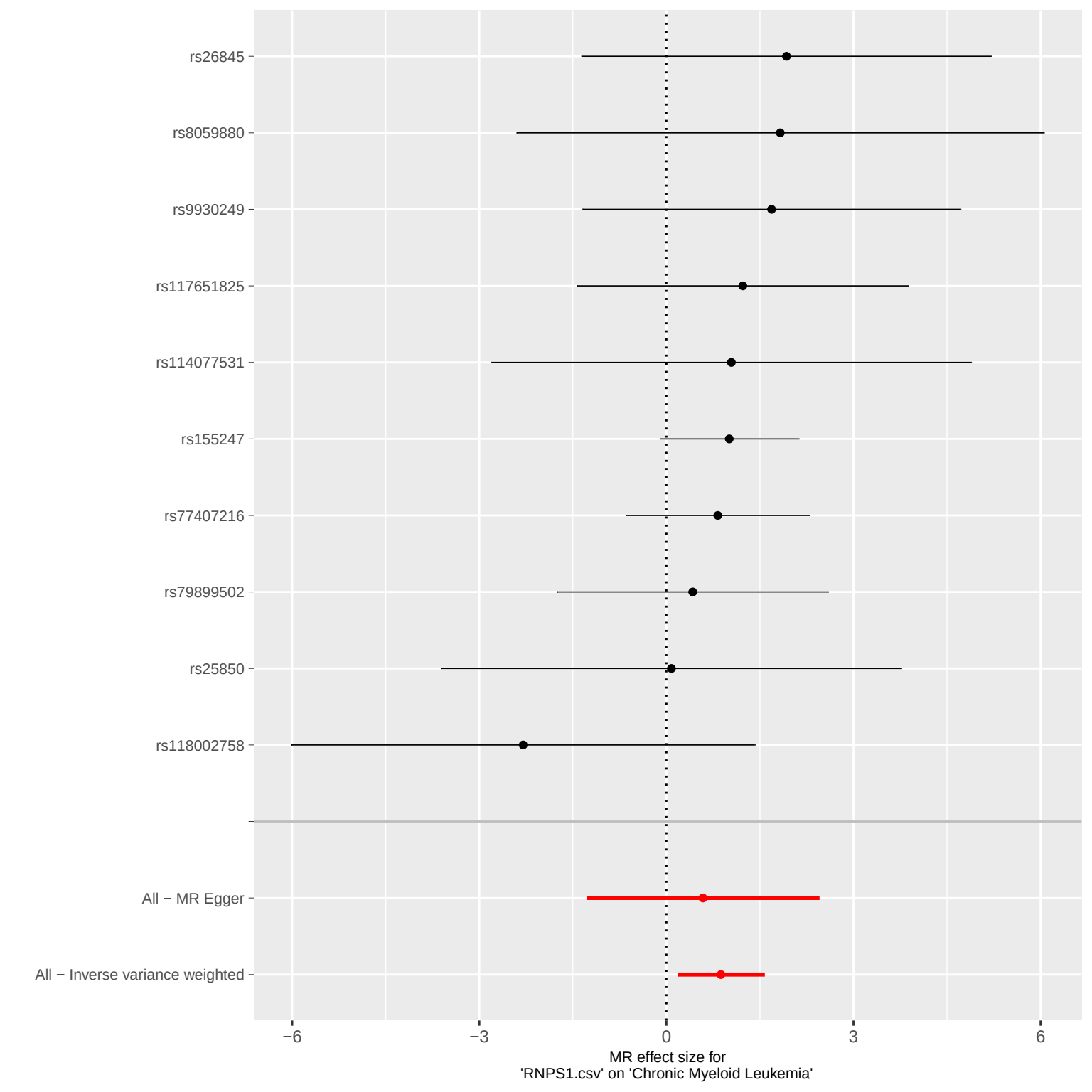
MR effect size for
'RNPEP.csv' on 'Chronic Myeloid Leukemia'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rs25850
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All − MR Egger
All − Inverse variance weighted
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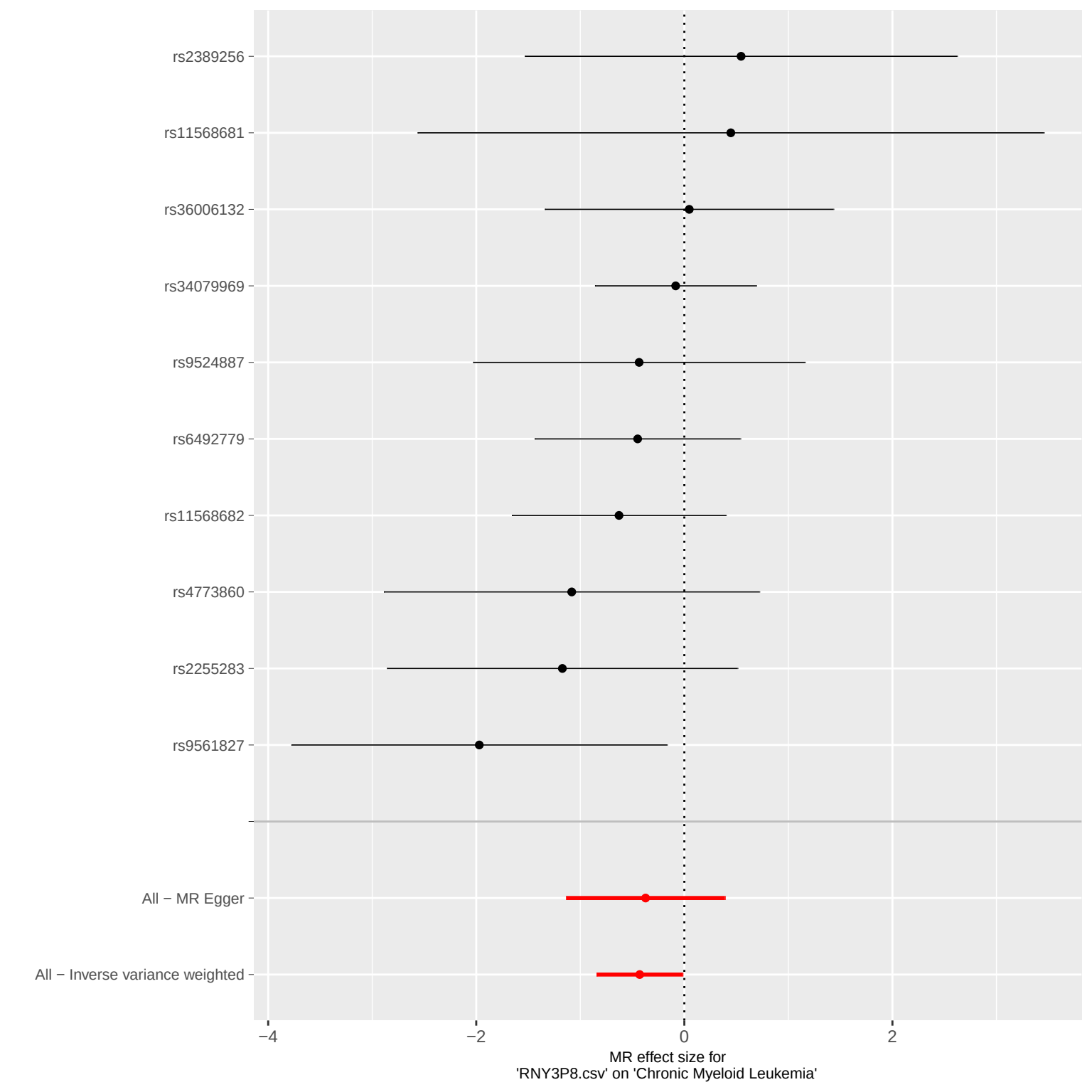
−3
0
3
6
MR effect size for
'RNPS1.csv' on 'Chronic Myeloid Leukemia'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rs2255283
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All − MR Egger
All − Inverse variance weighted
−4
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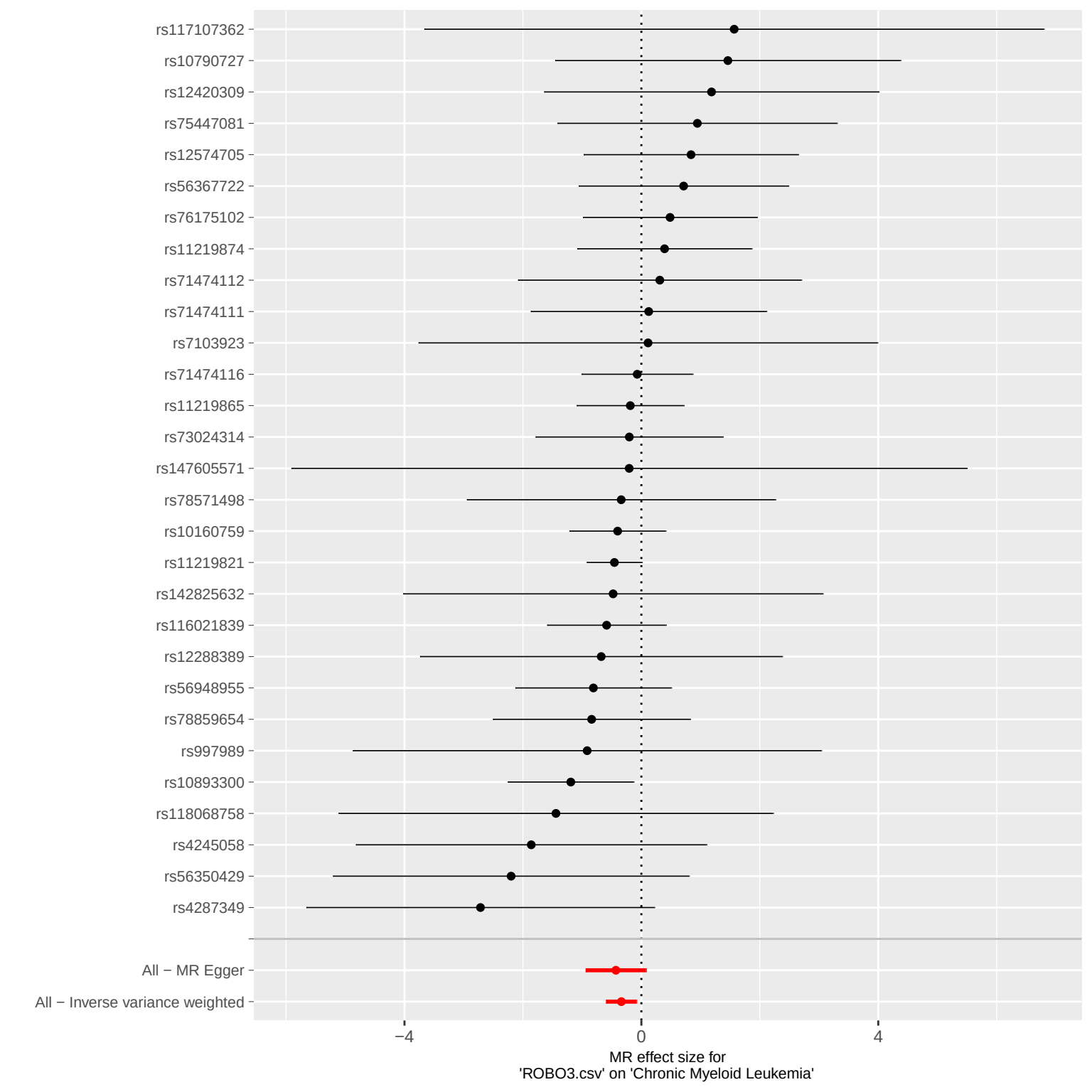
0
2
MR effect size for
'RNY3P8.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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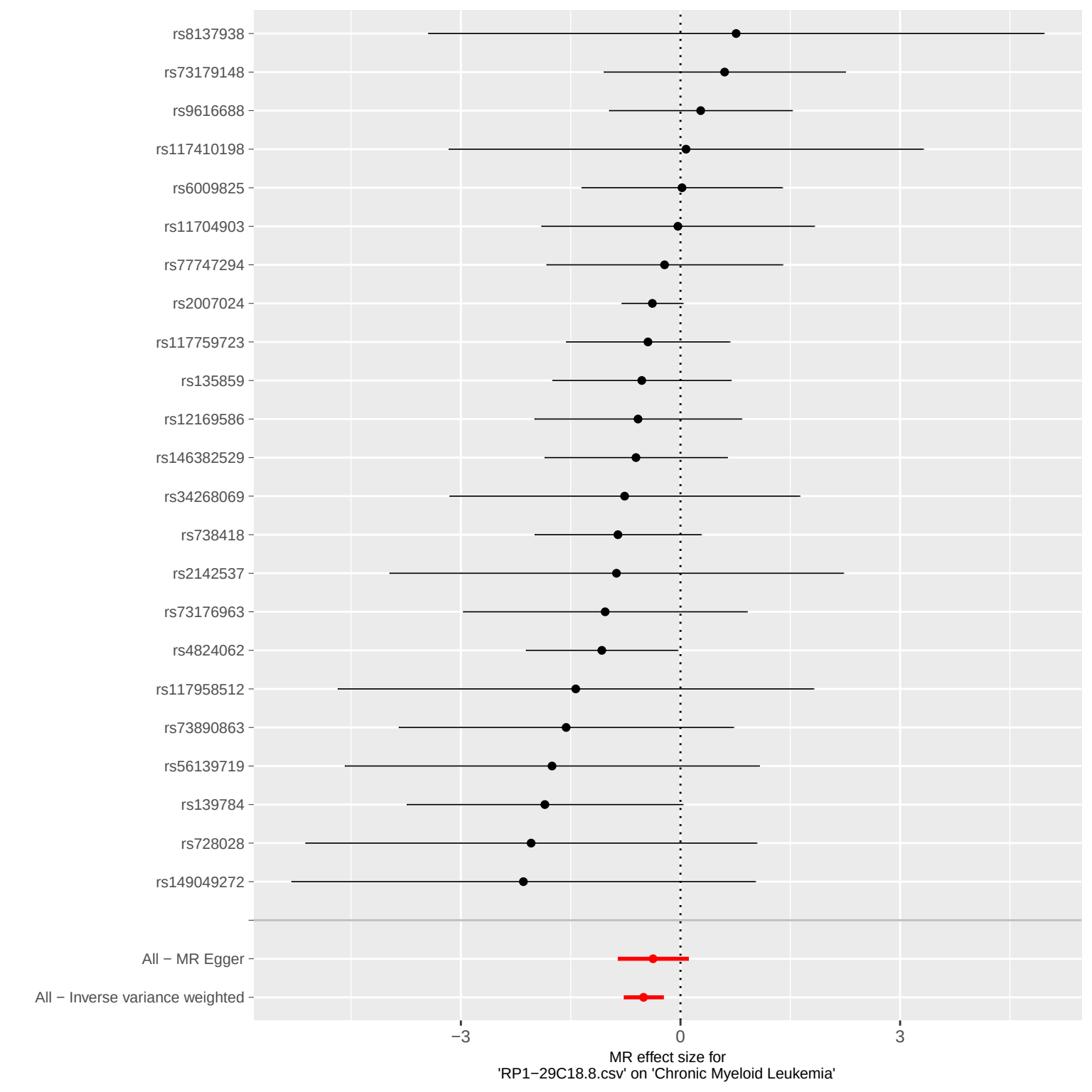
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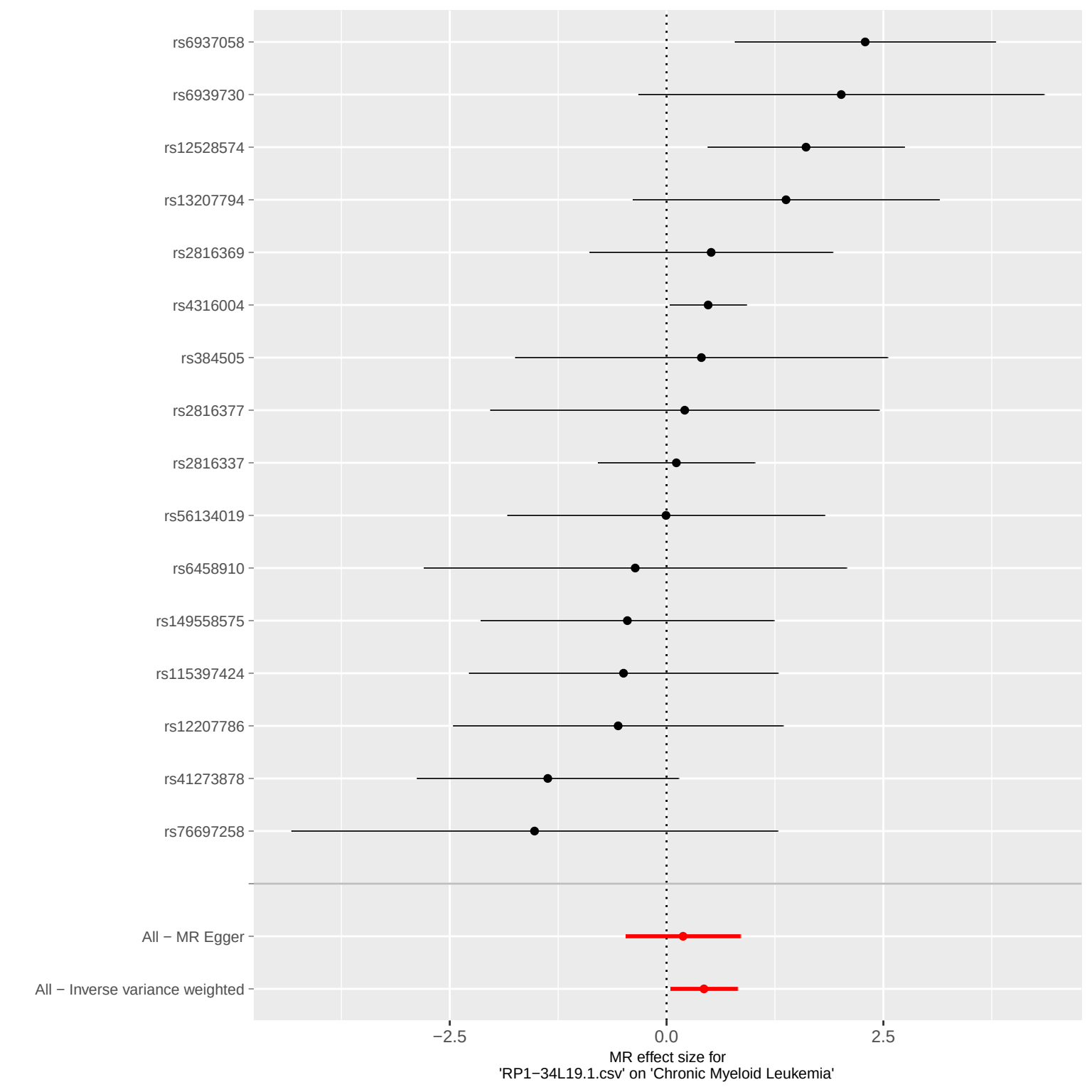
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MR effect size for
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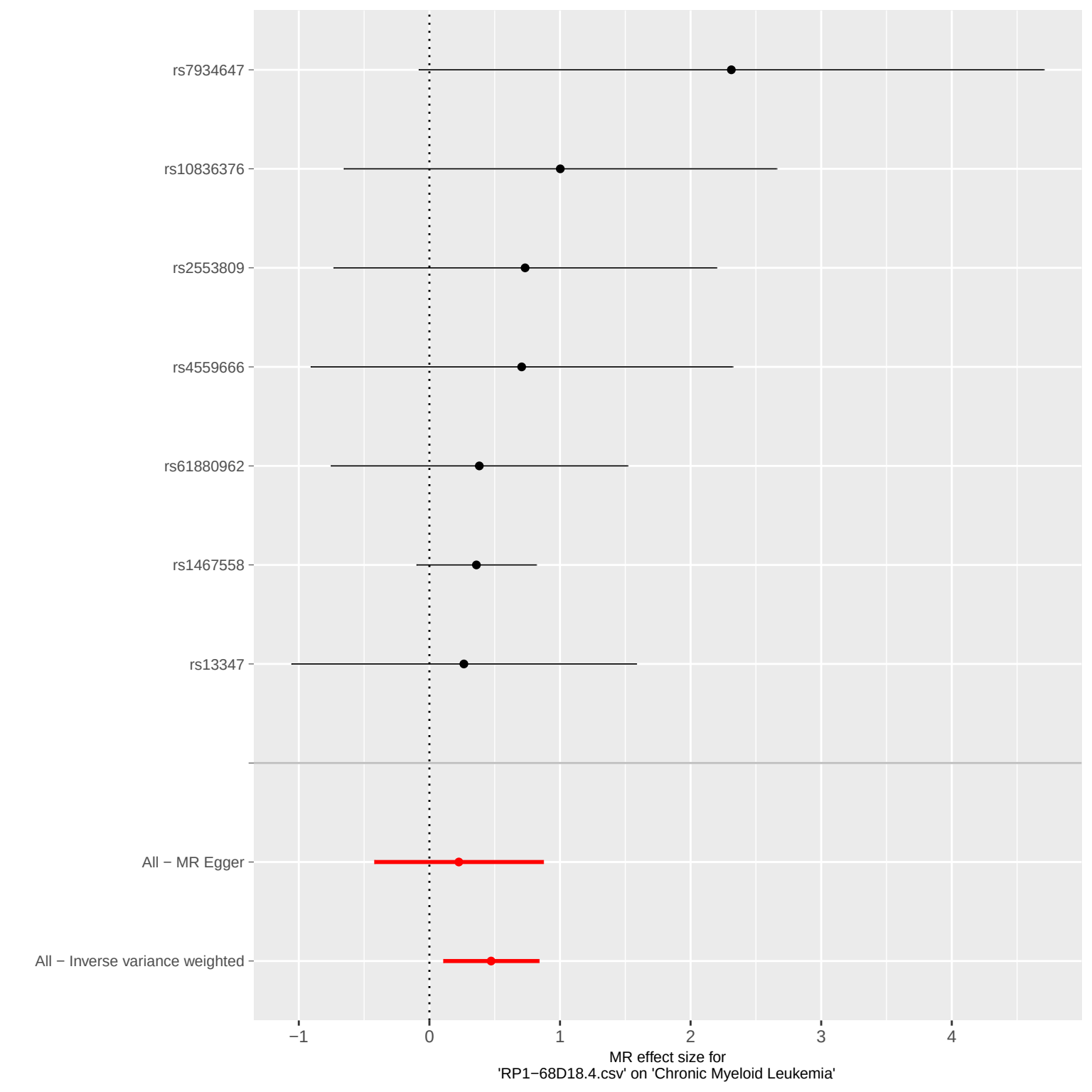
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rs1467558
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All − MR Egger
All − Inverse variance weighted
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1
2
3
4
MR effect size for
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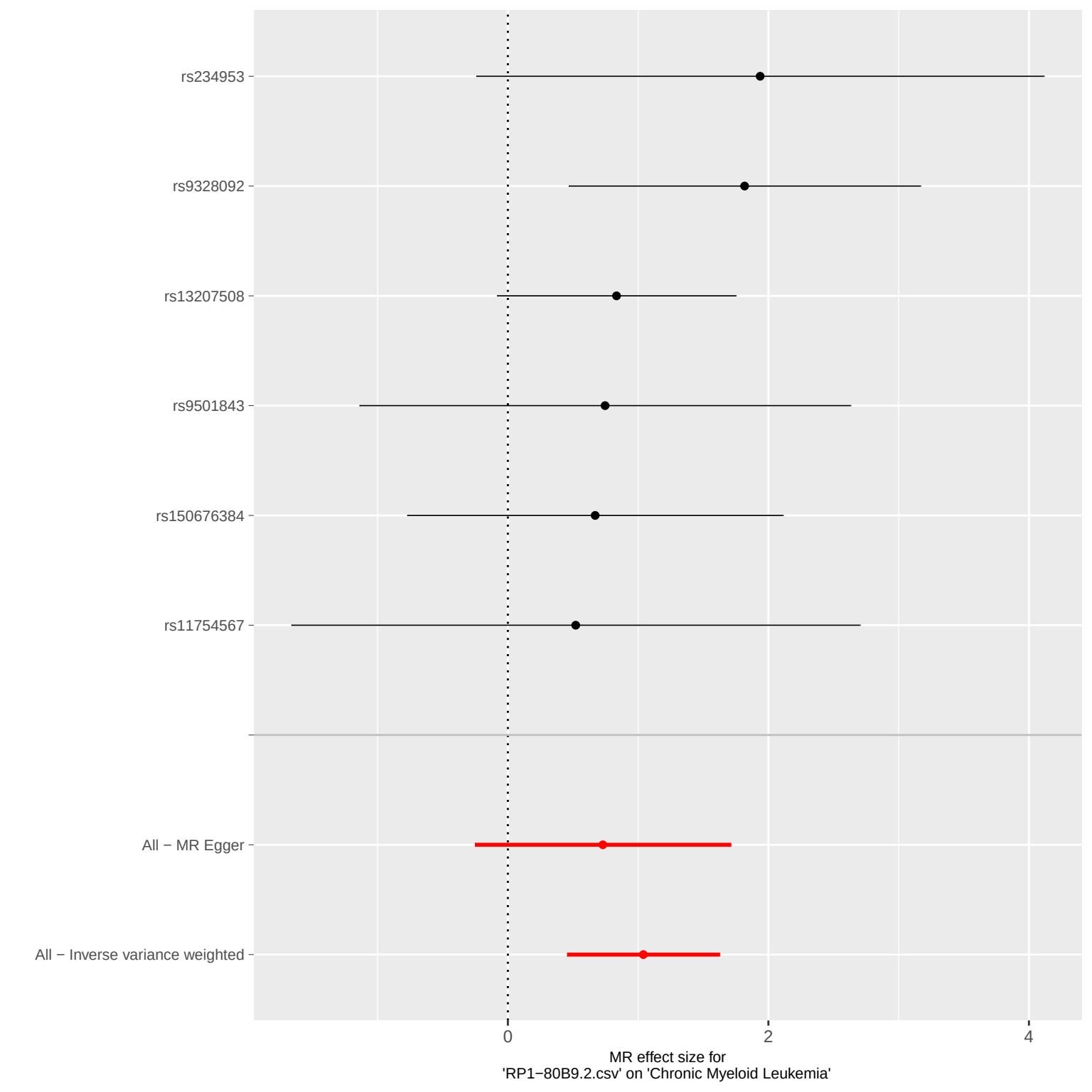
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MR effect size for
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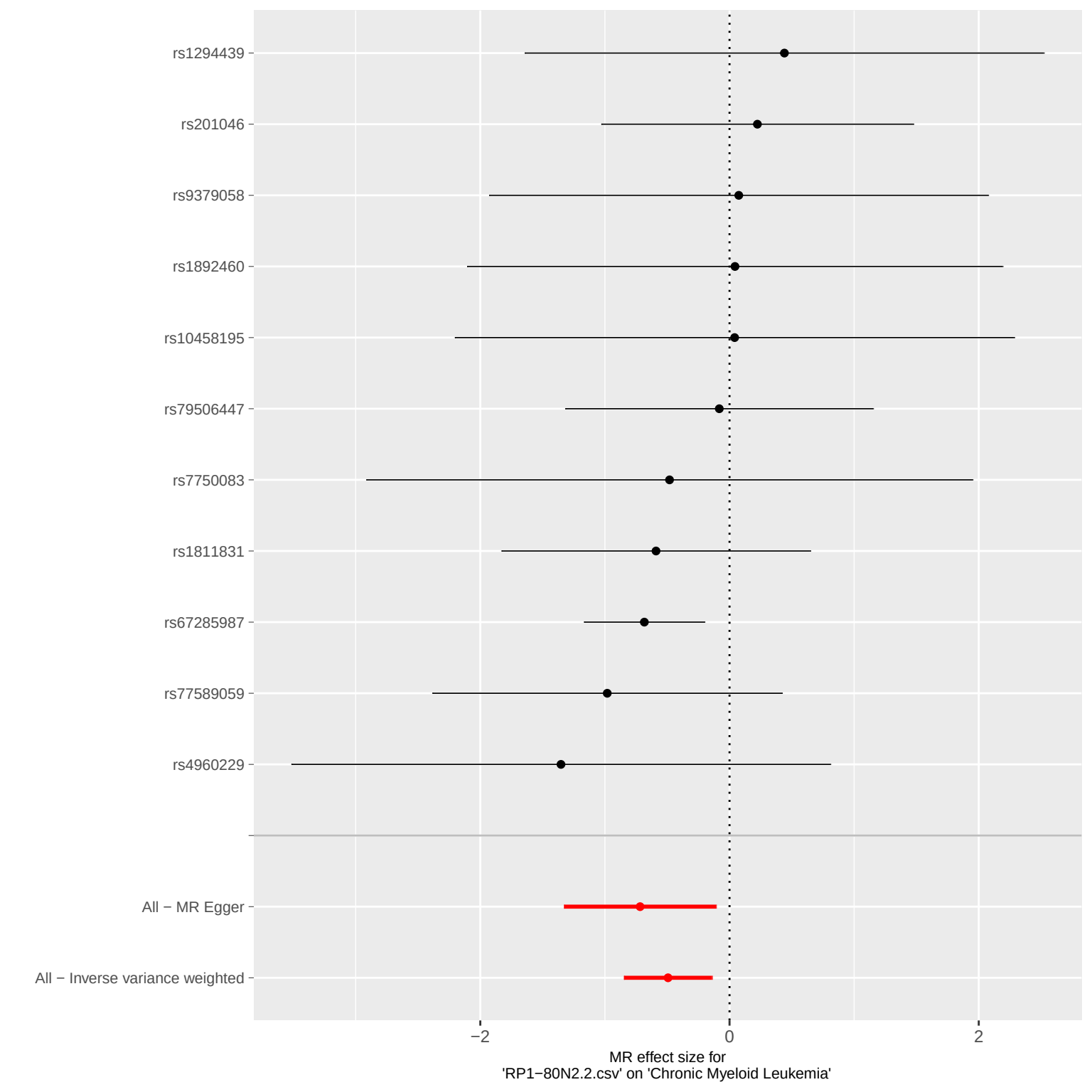
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All − Inverse variance weighted
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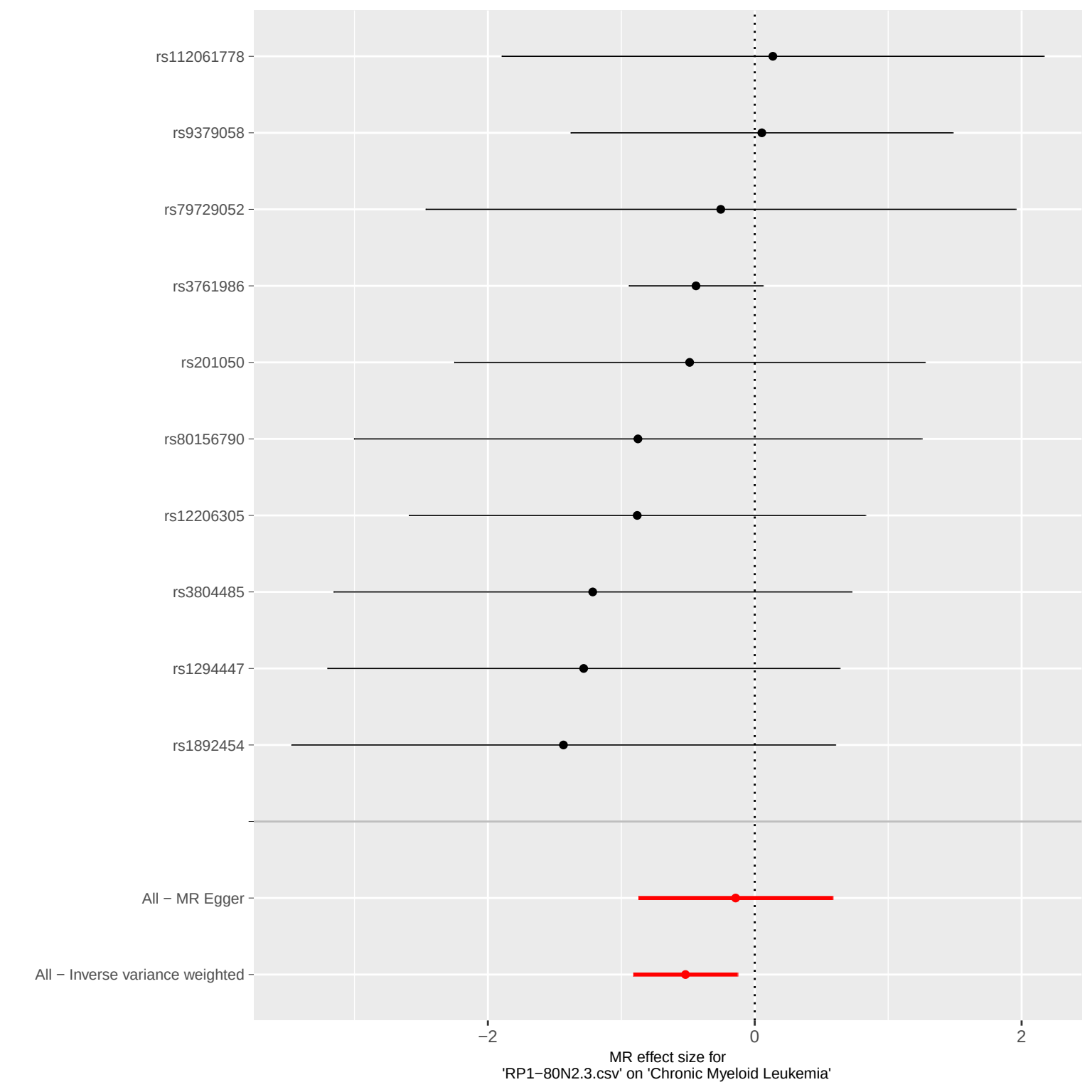
'RP1−80N2.2.csv' on 'Chronic Myeloid Leukemia'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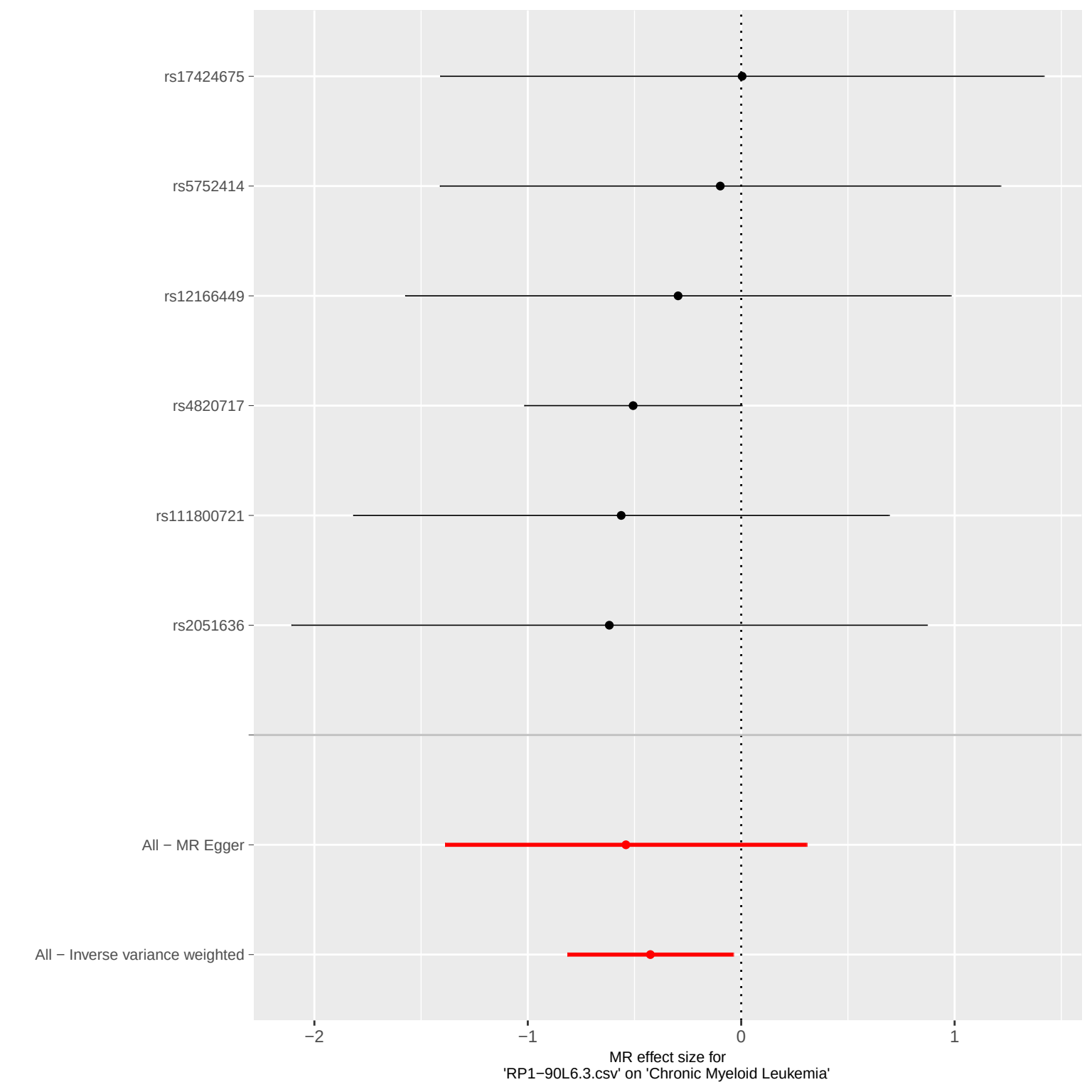
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rs12166449
rs4820717
rs111800721
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All − MR Egger
All − Inverse variance weighted
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−1
0
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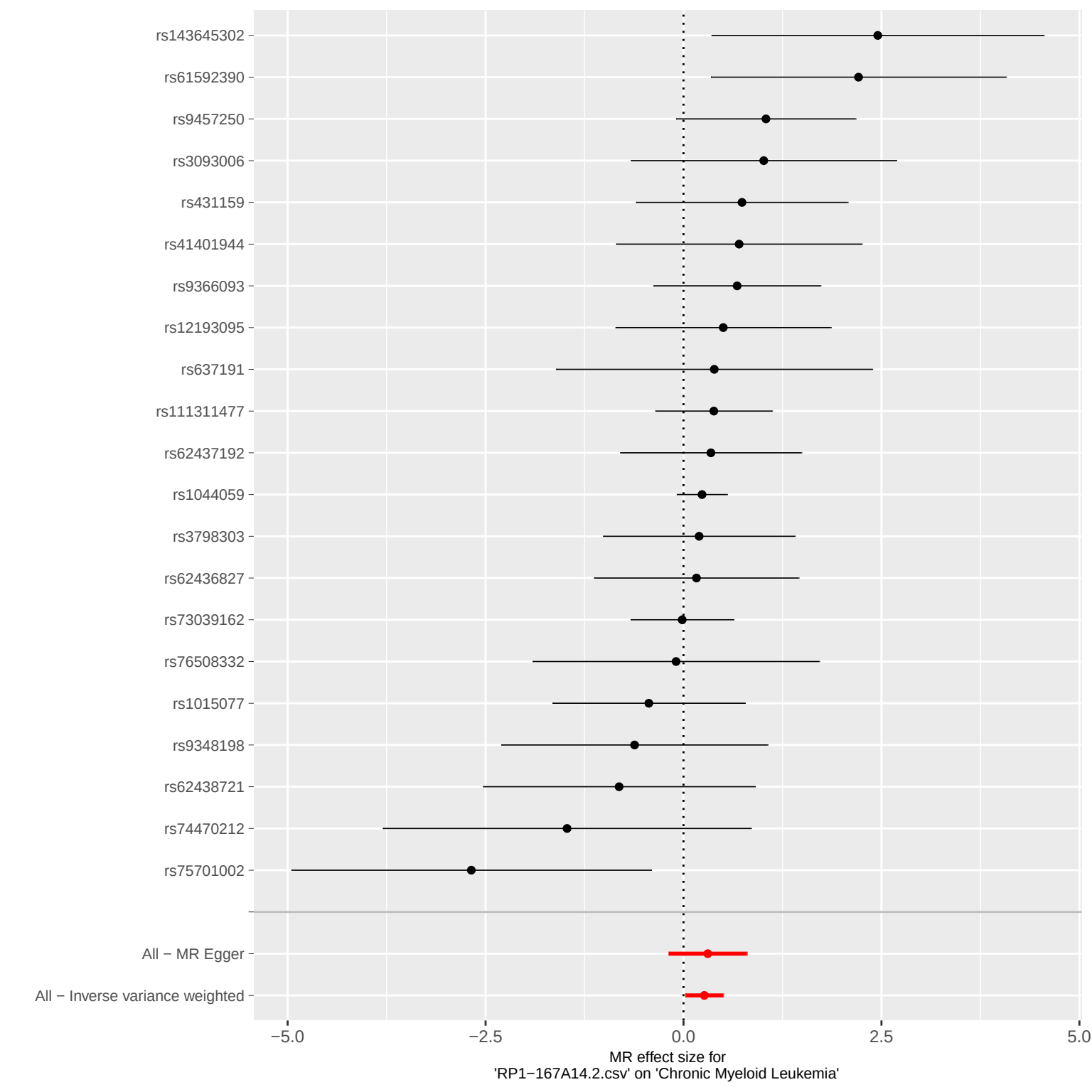
MR effect size for
'RP1−90L6.3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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5.0
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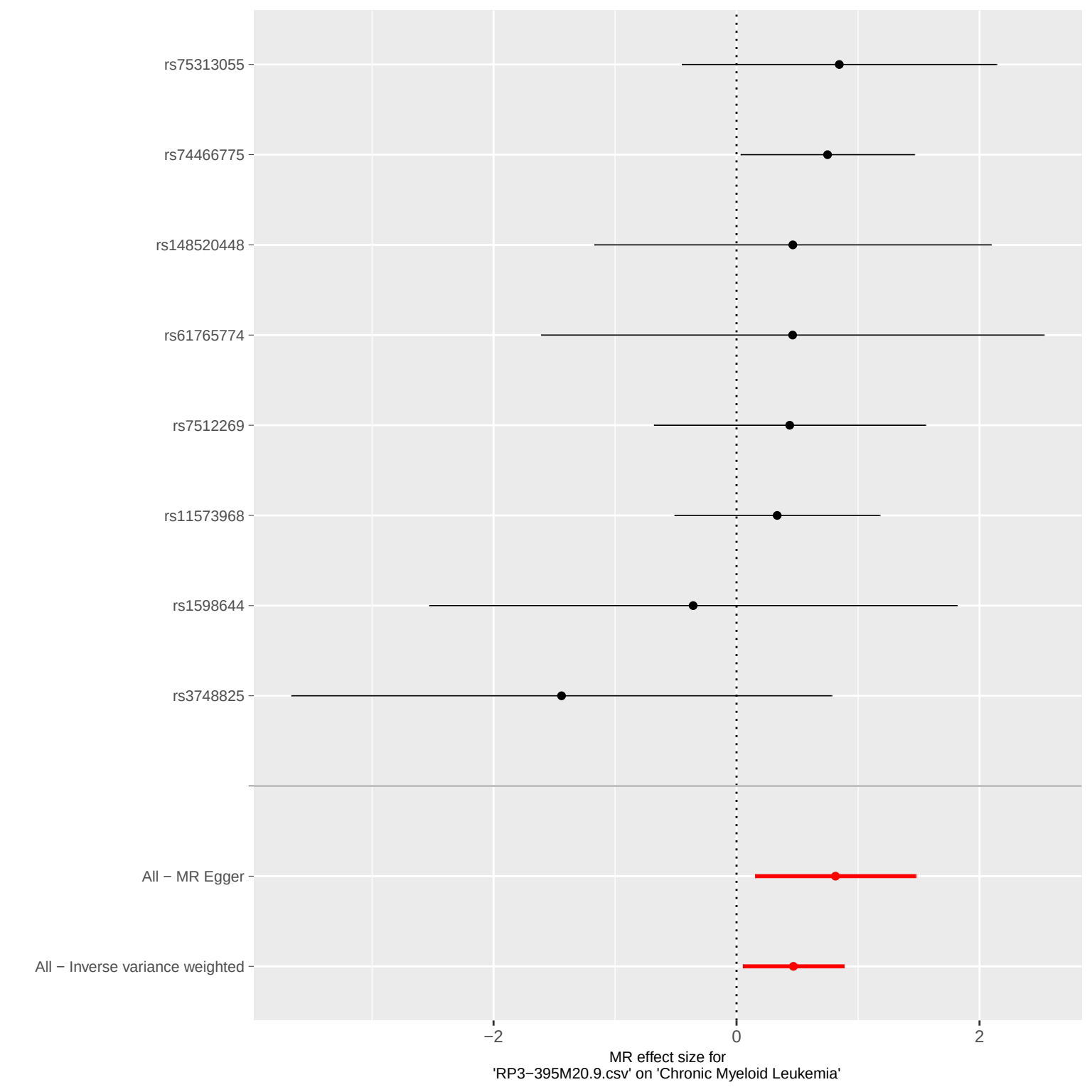
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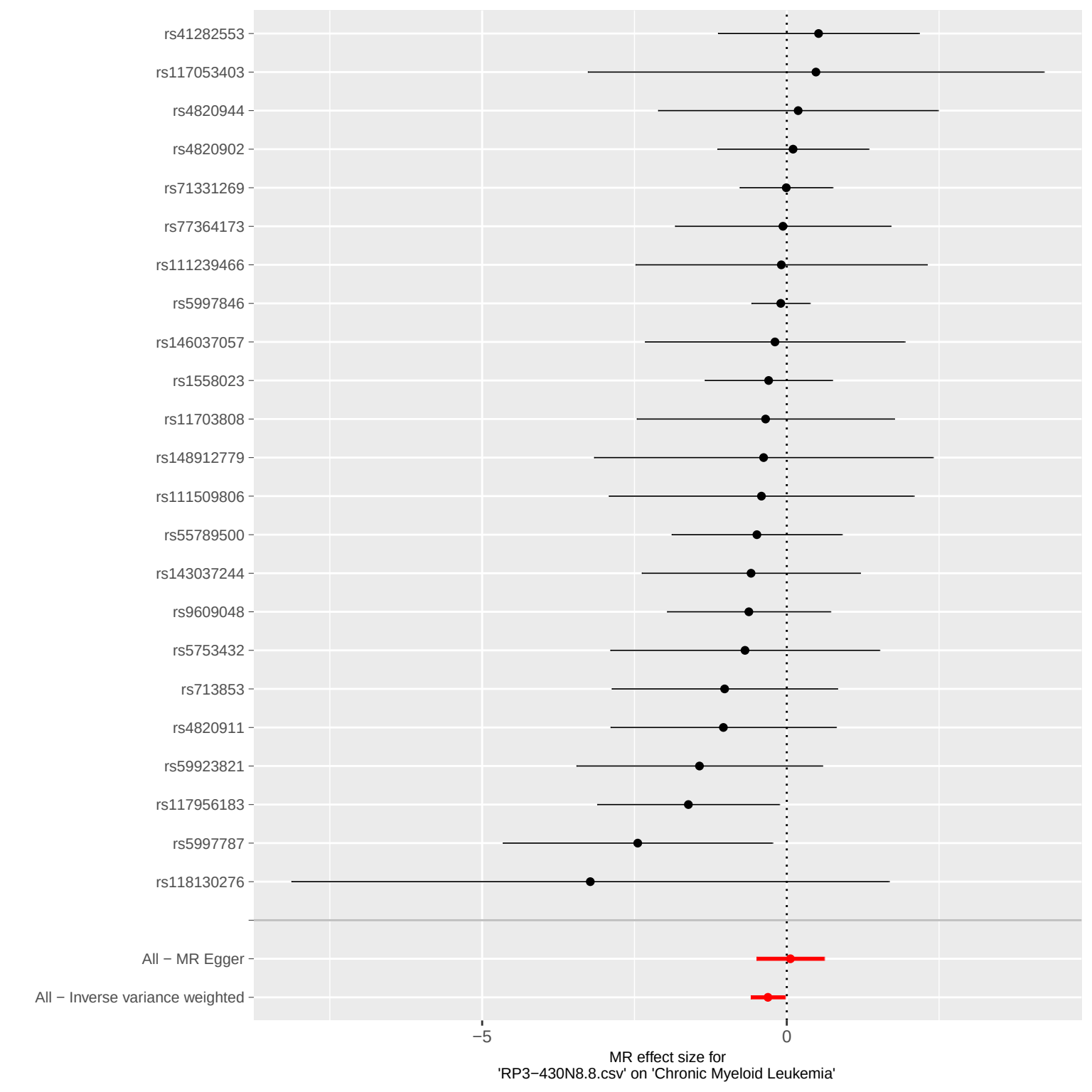
MR effect size for
'RP3−395M20.9.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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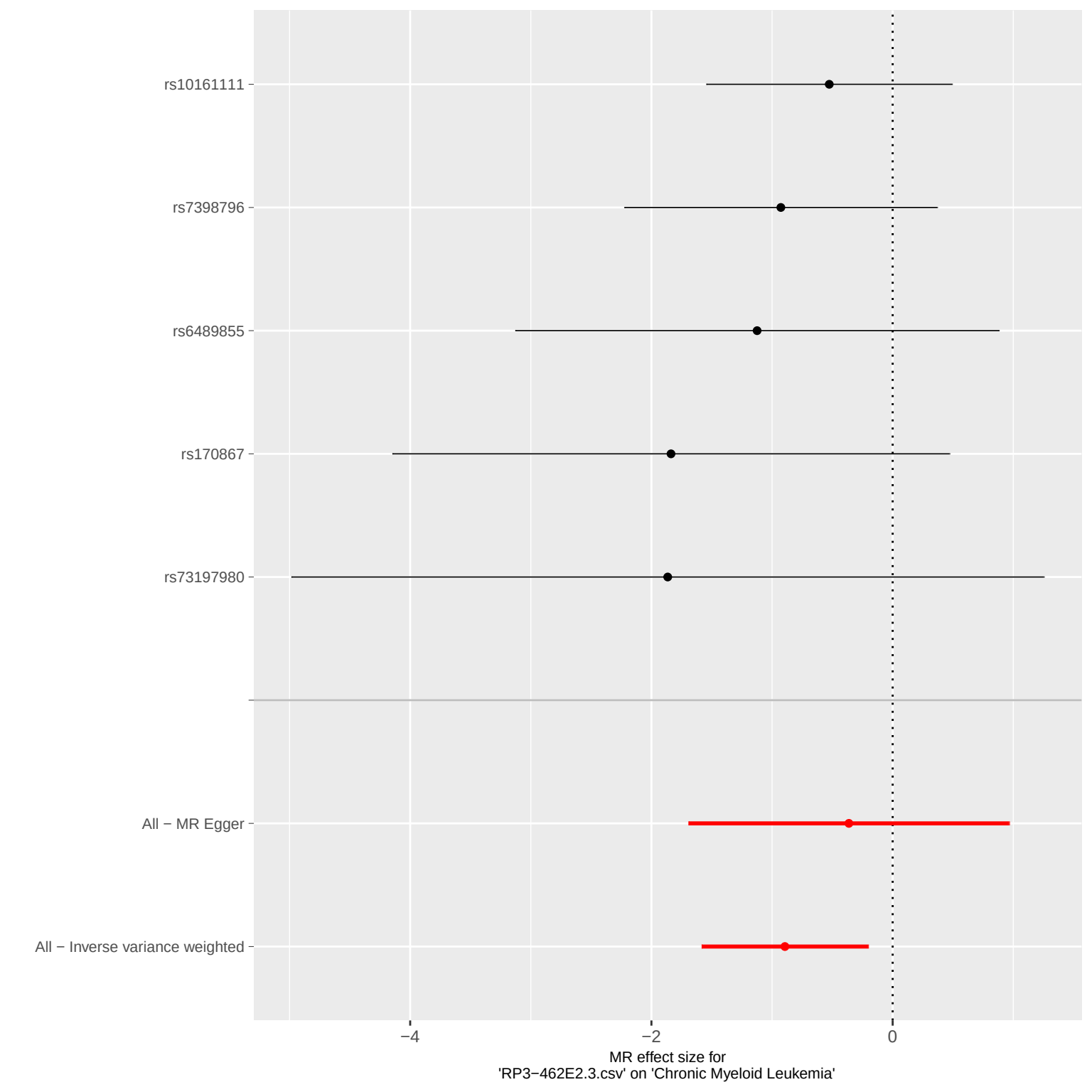
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All − MR Egger
All − Inverse variance weighted
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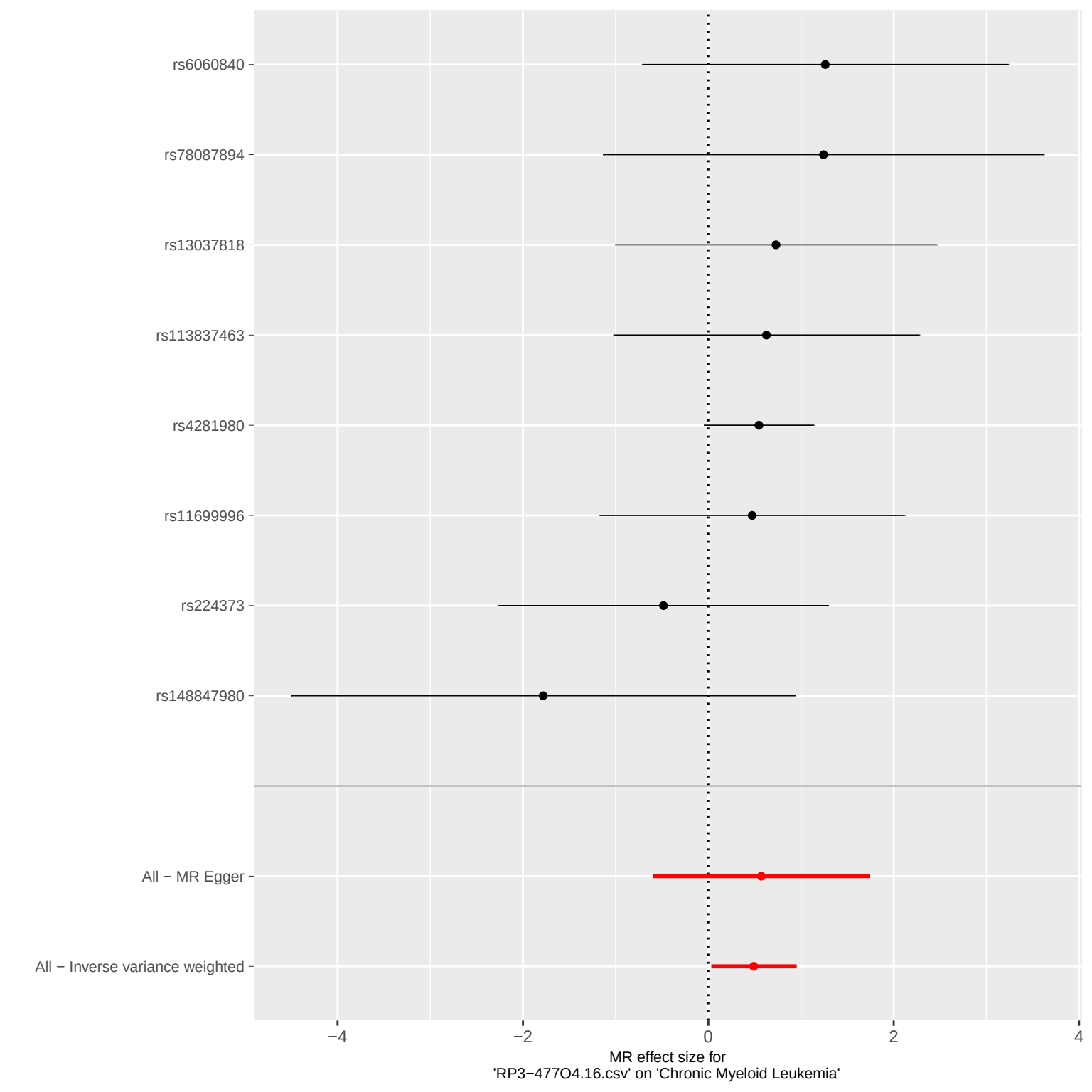
'RP3−462E2.3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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−2
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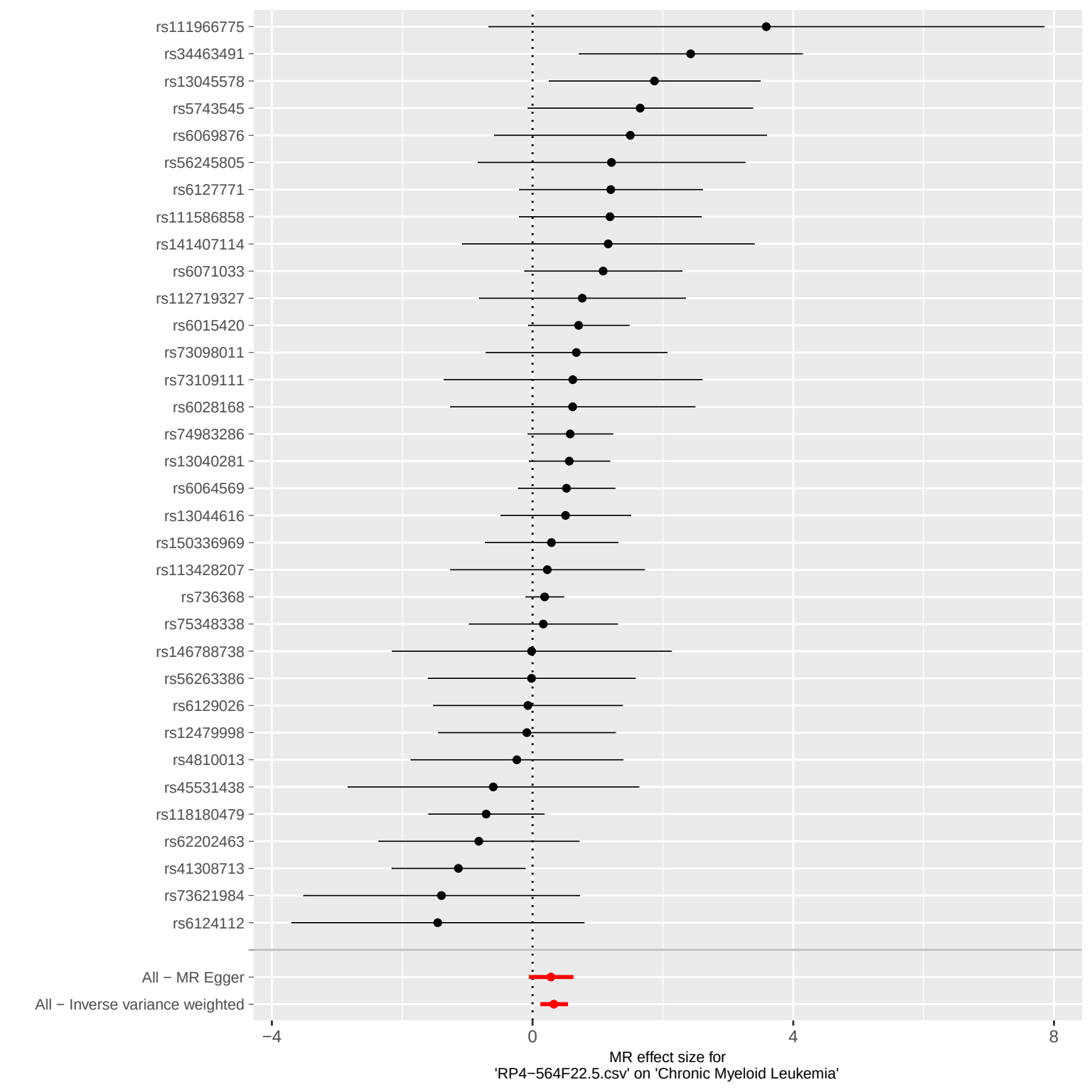
MR effect size for
'RP3−477O4.16.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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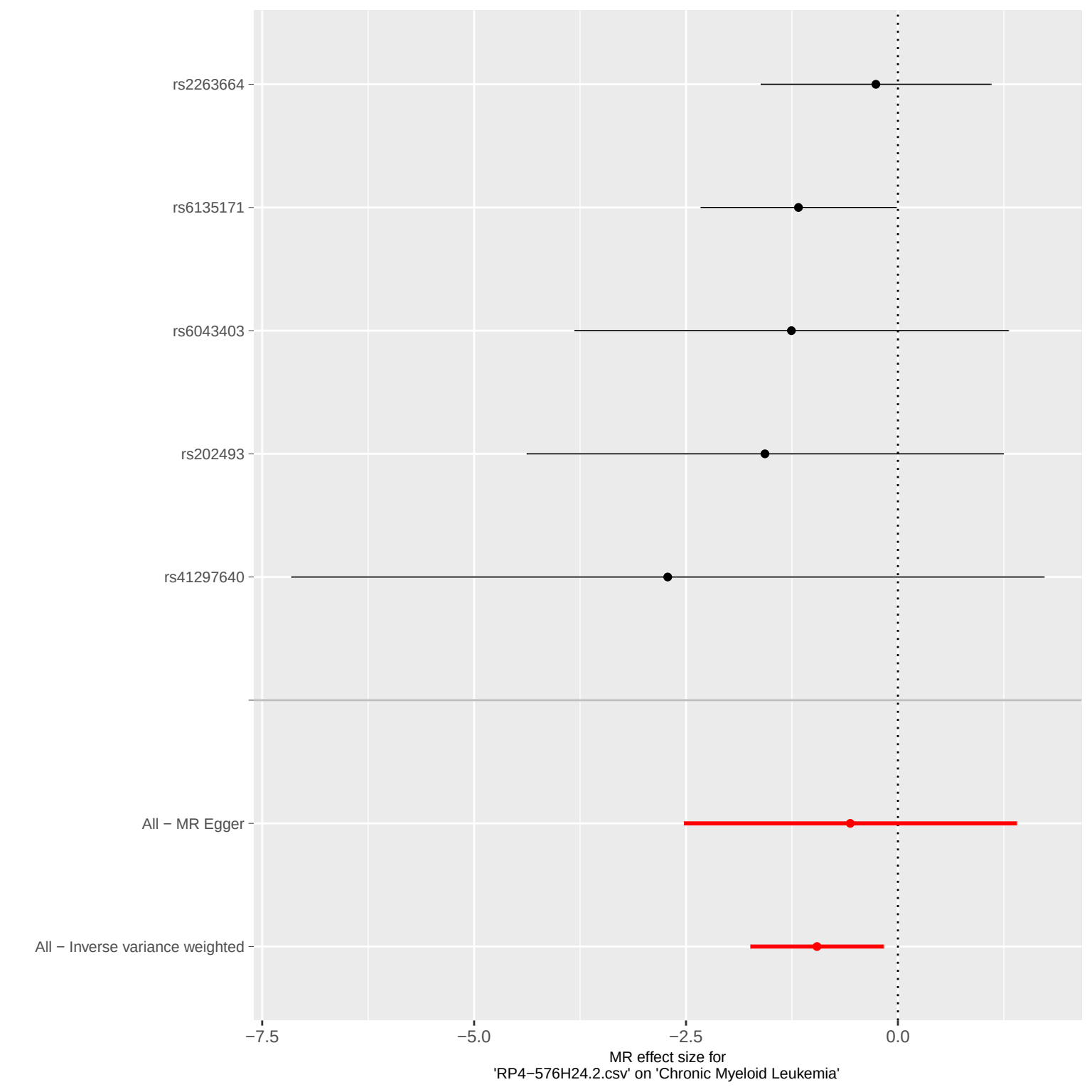
8
MR effect size for
'RP4−564F22.5.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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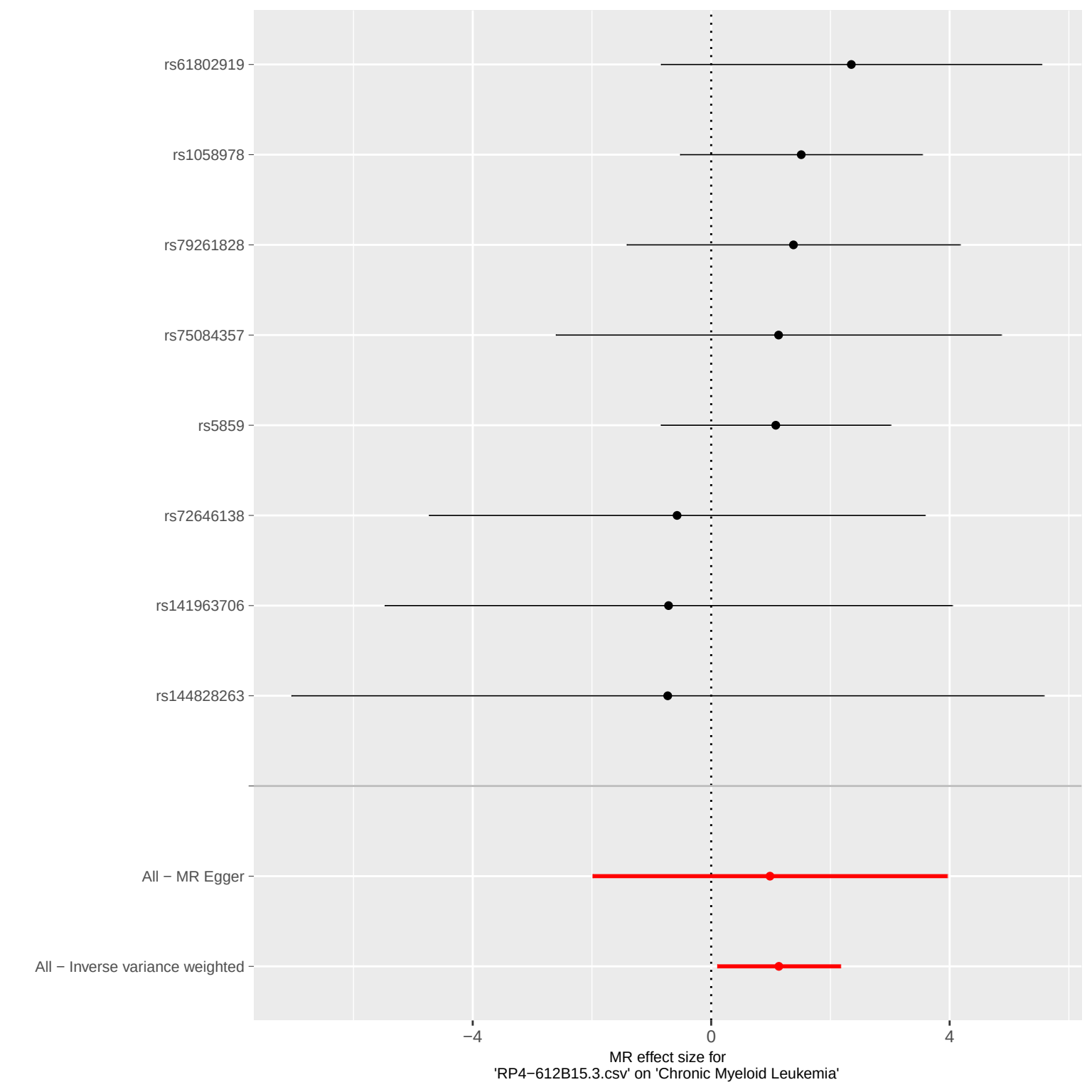
MR effect size for
'RP4−576H24.2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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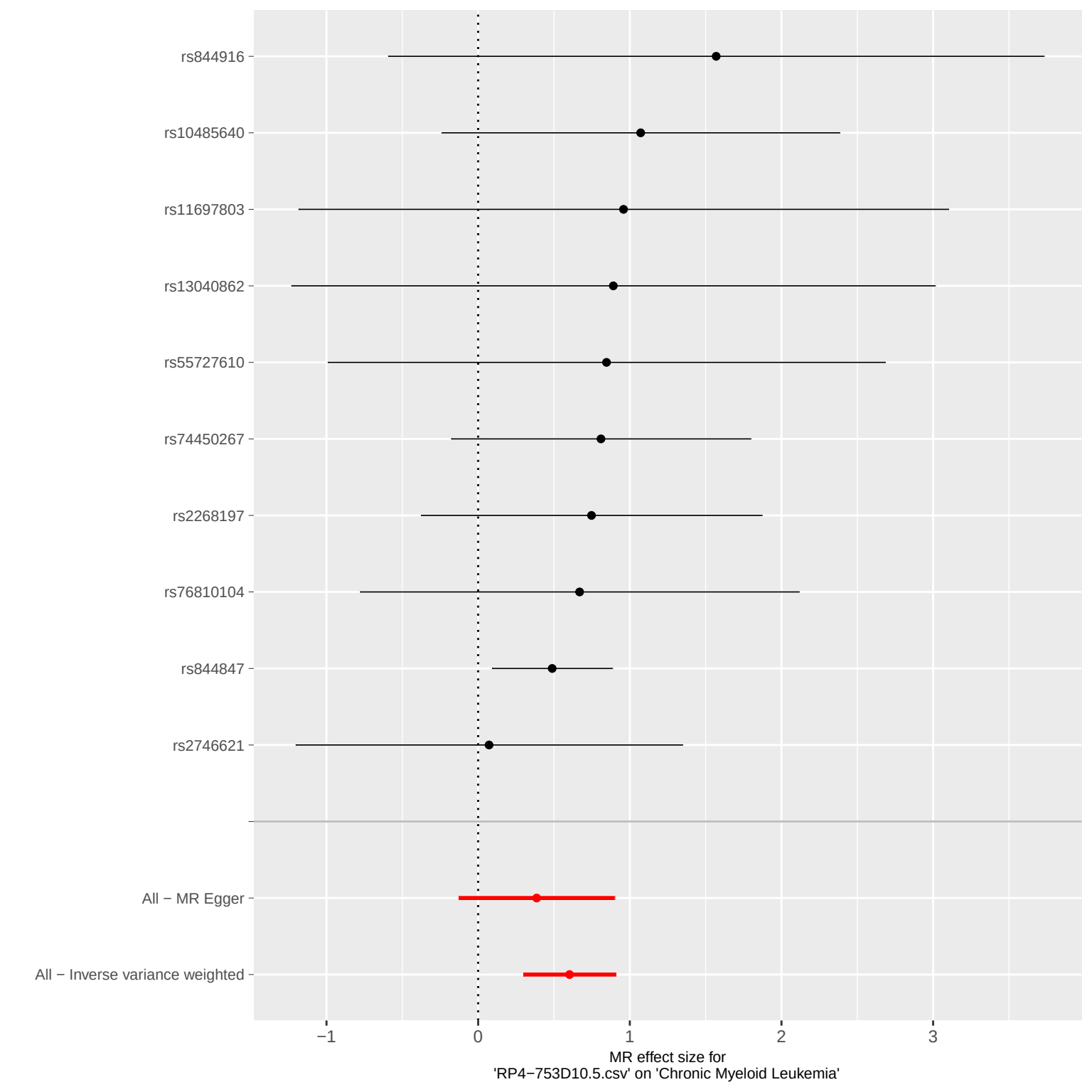
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All − MR Egger
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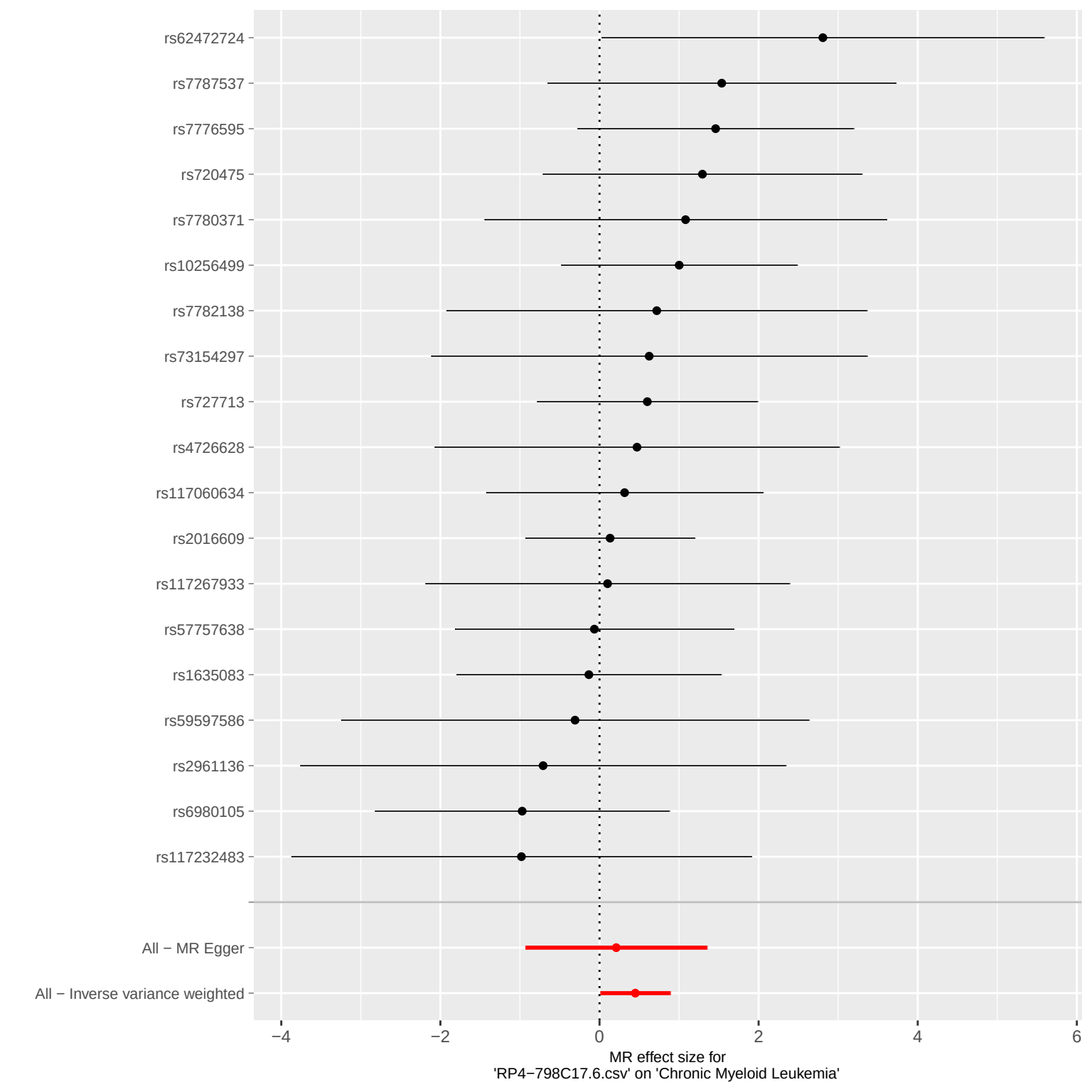
1
2
3
MR effect size for
'RP4−753D10.5.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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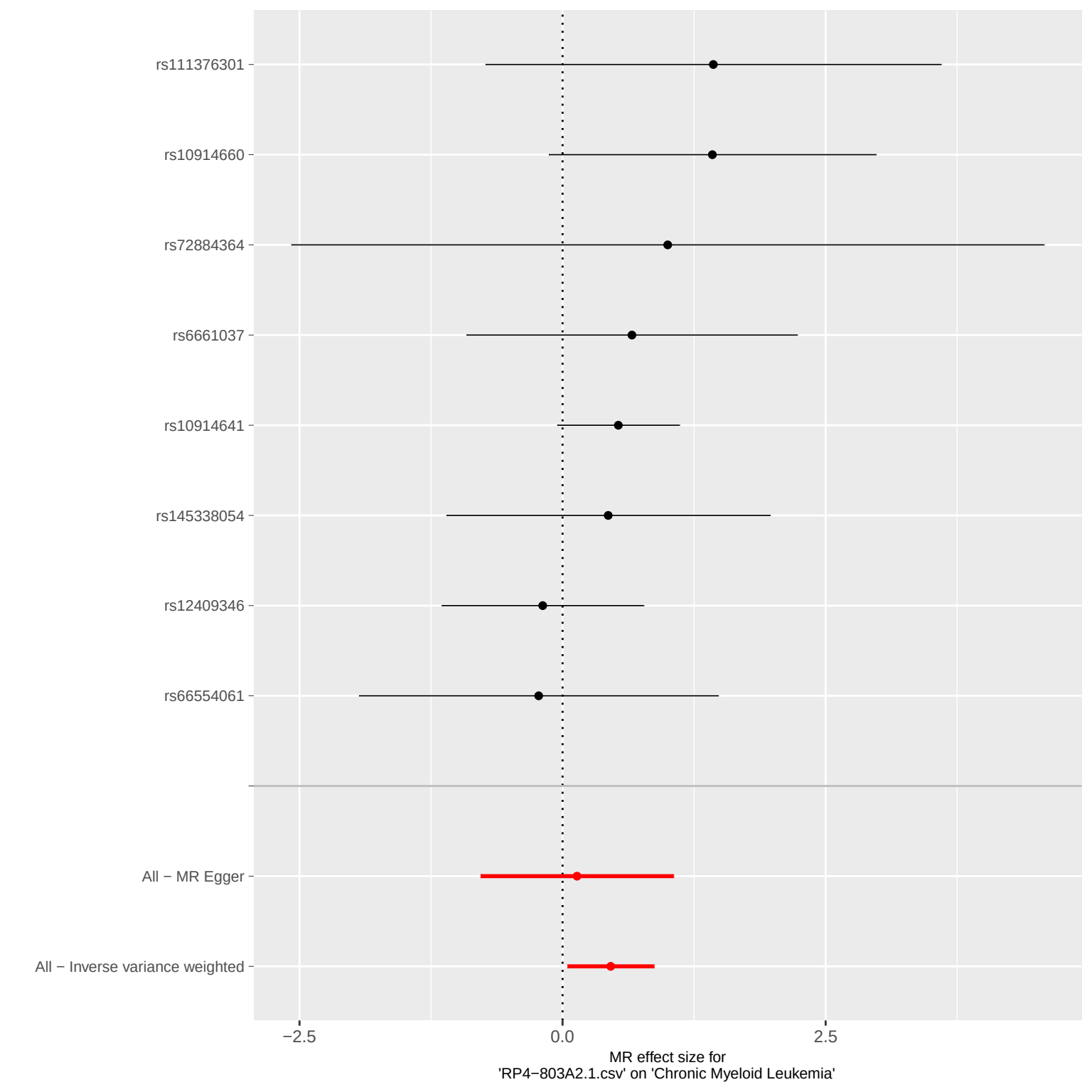
2
4
6
MR effect size for
'RP4−798C17.6.csv' on 'Chronic Myeloid Leukemia'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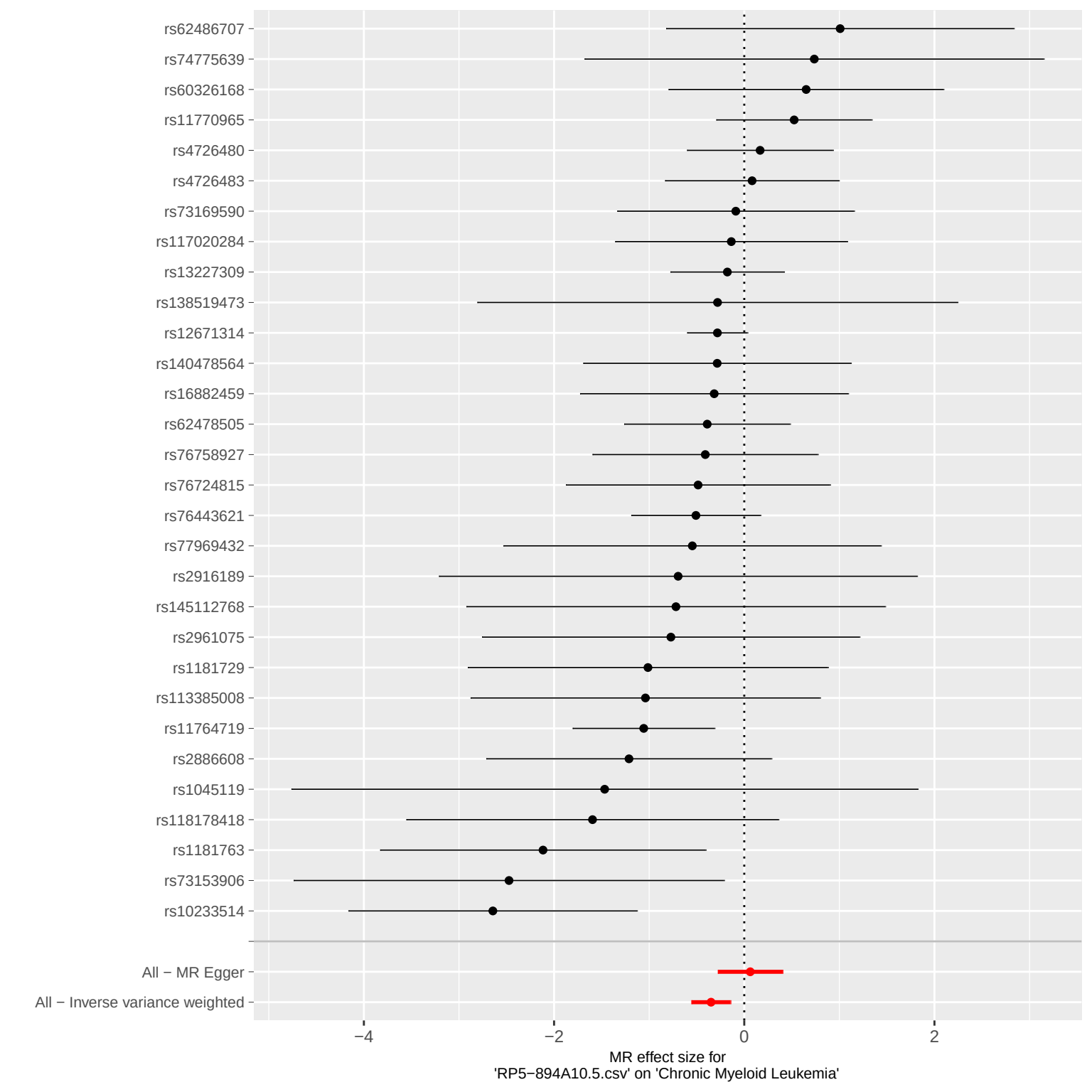
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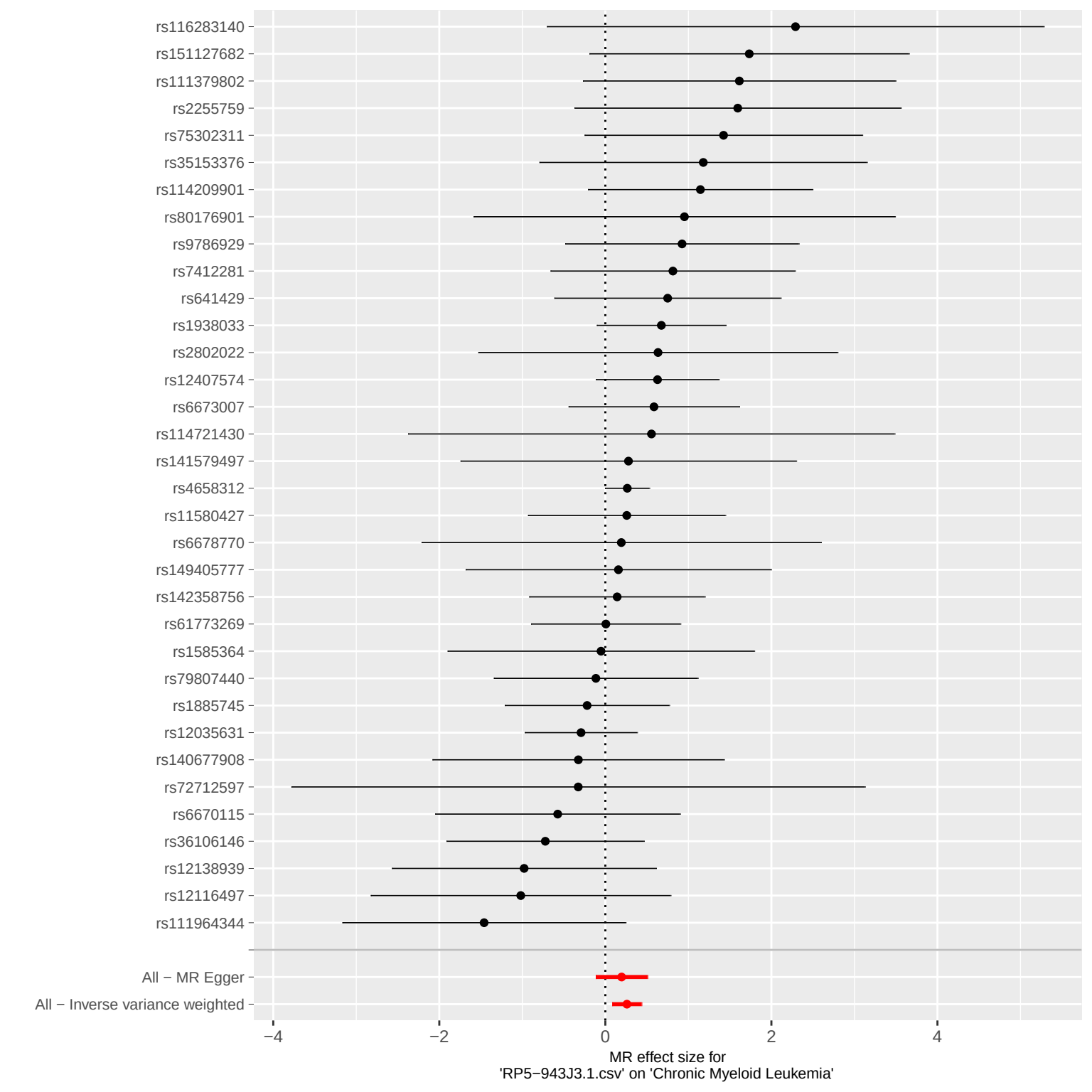
−2
0
2
MR effect size for
'RP5−894A10.5.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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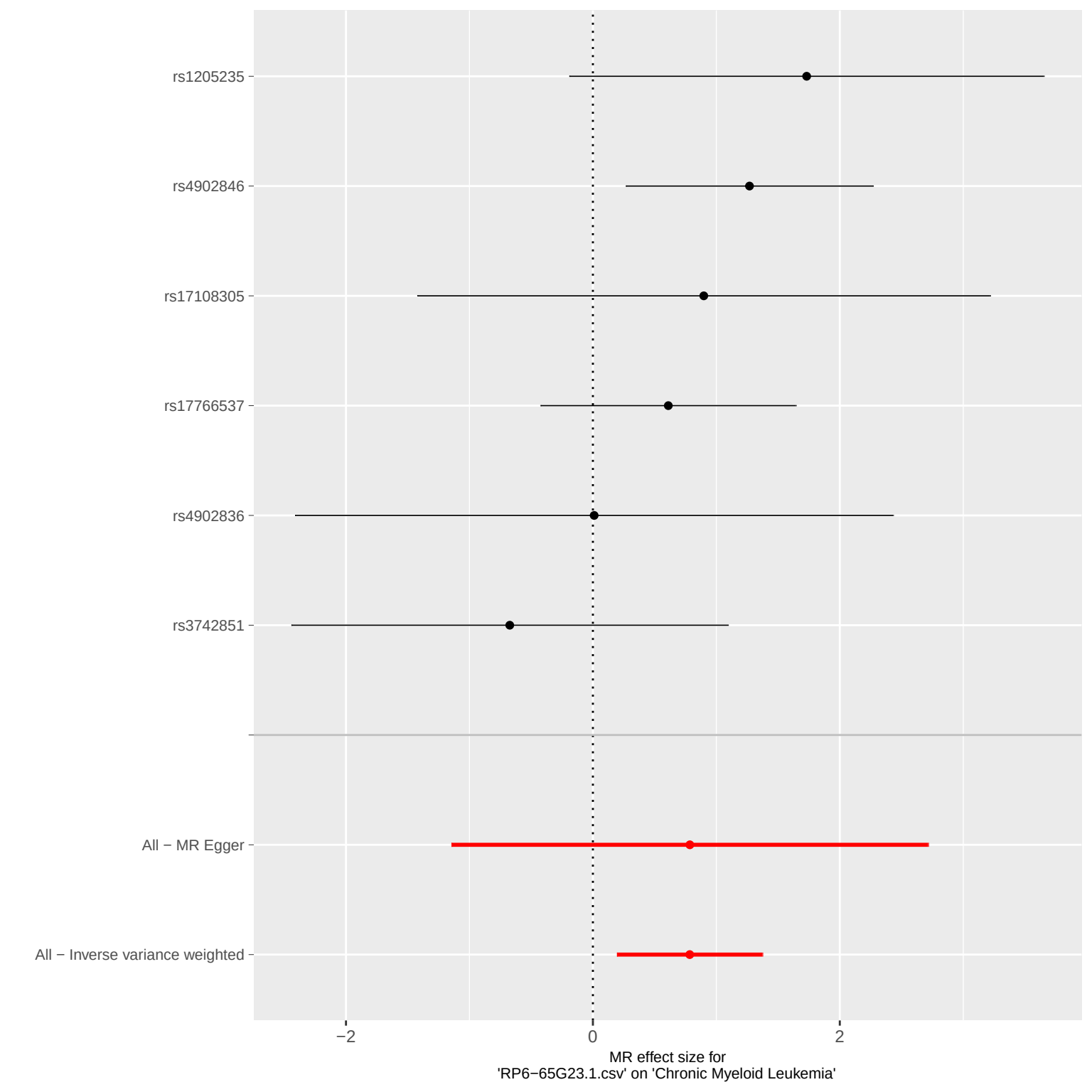
MR effect size for
'RP5−943J3.1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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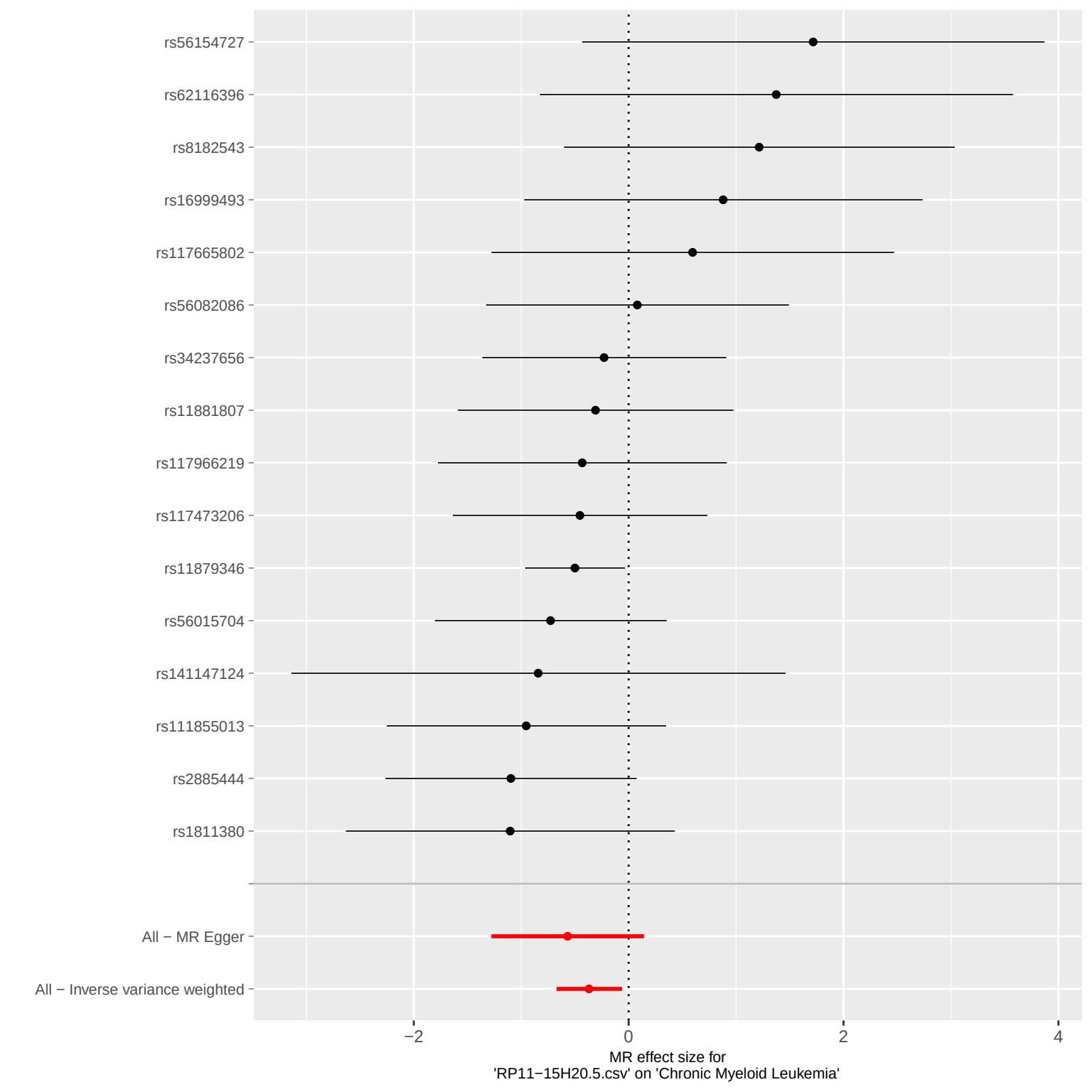
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All − Inverse variance weighted
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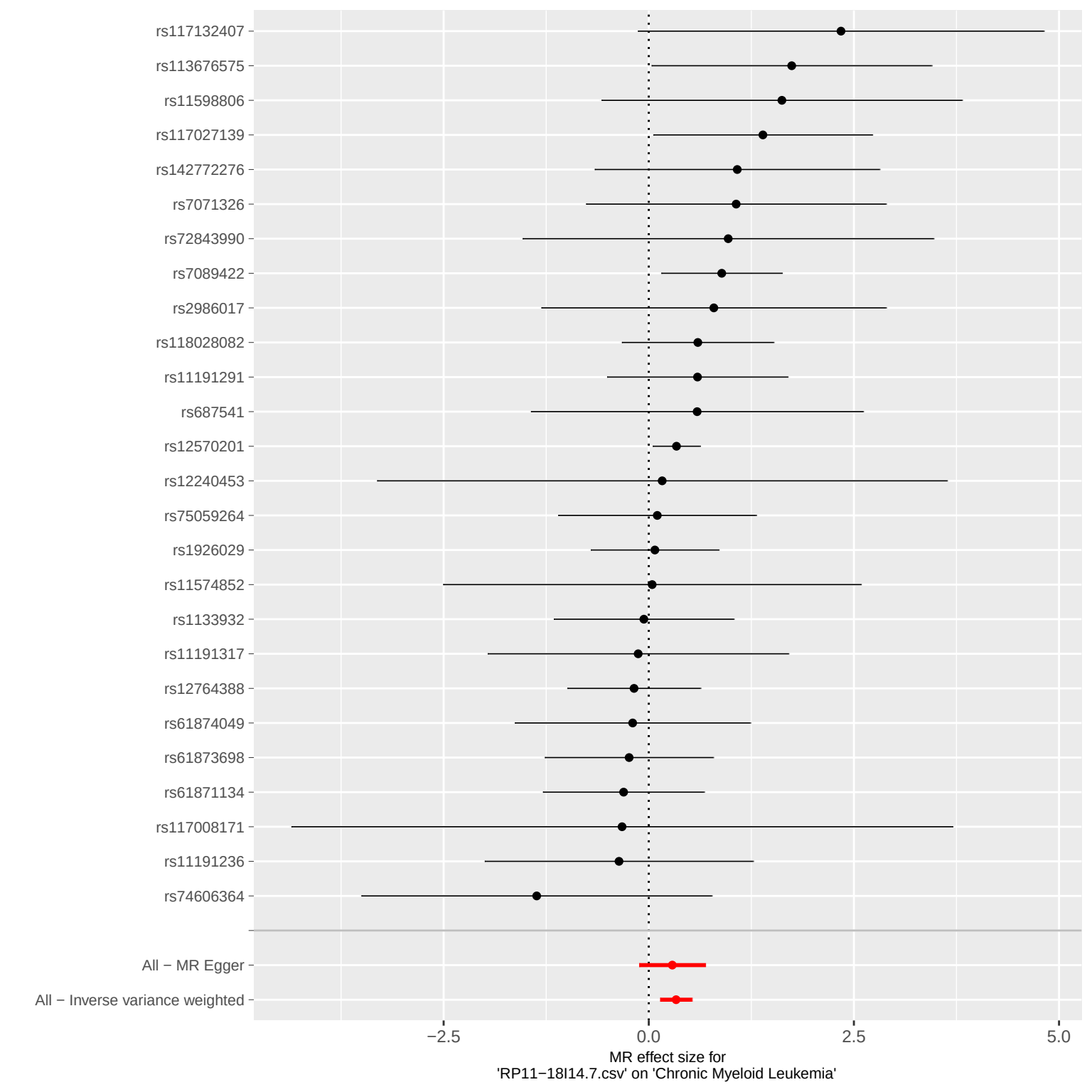
MR effect size for
'RP11−15H20.5.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
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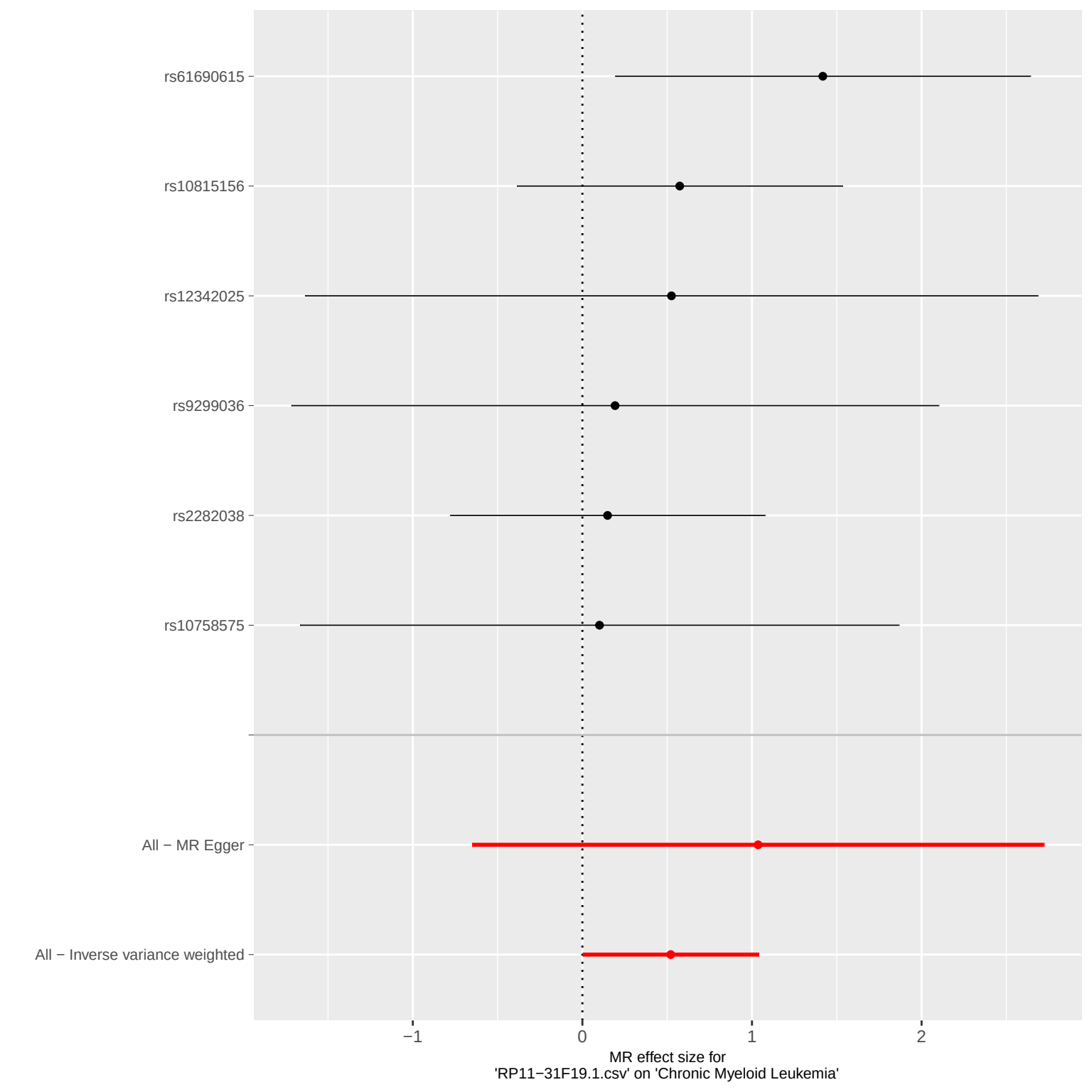
MR effect size for
'RP11−18I14.7.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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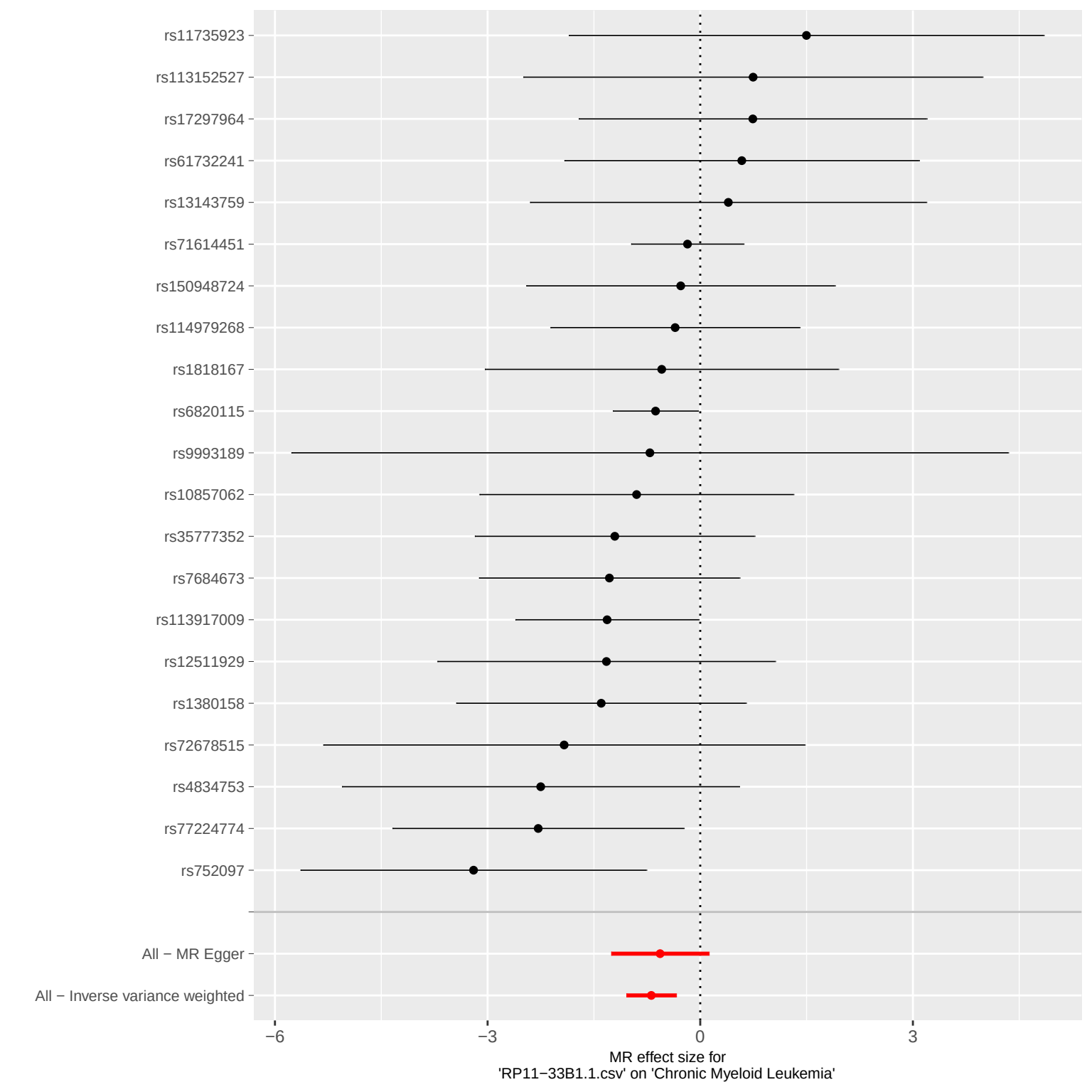
MR effect size for
'RP11−31F19.1.csv' on 'Chronic Myeloid Leukemia'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rs10857062
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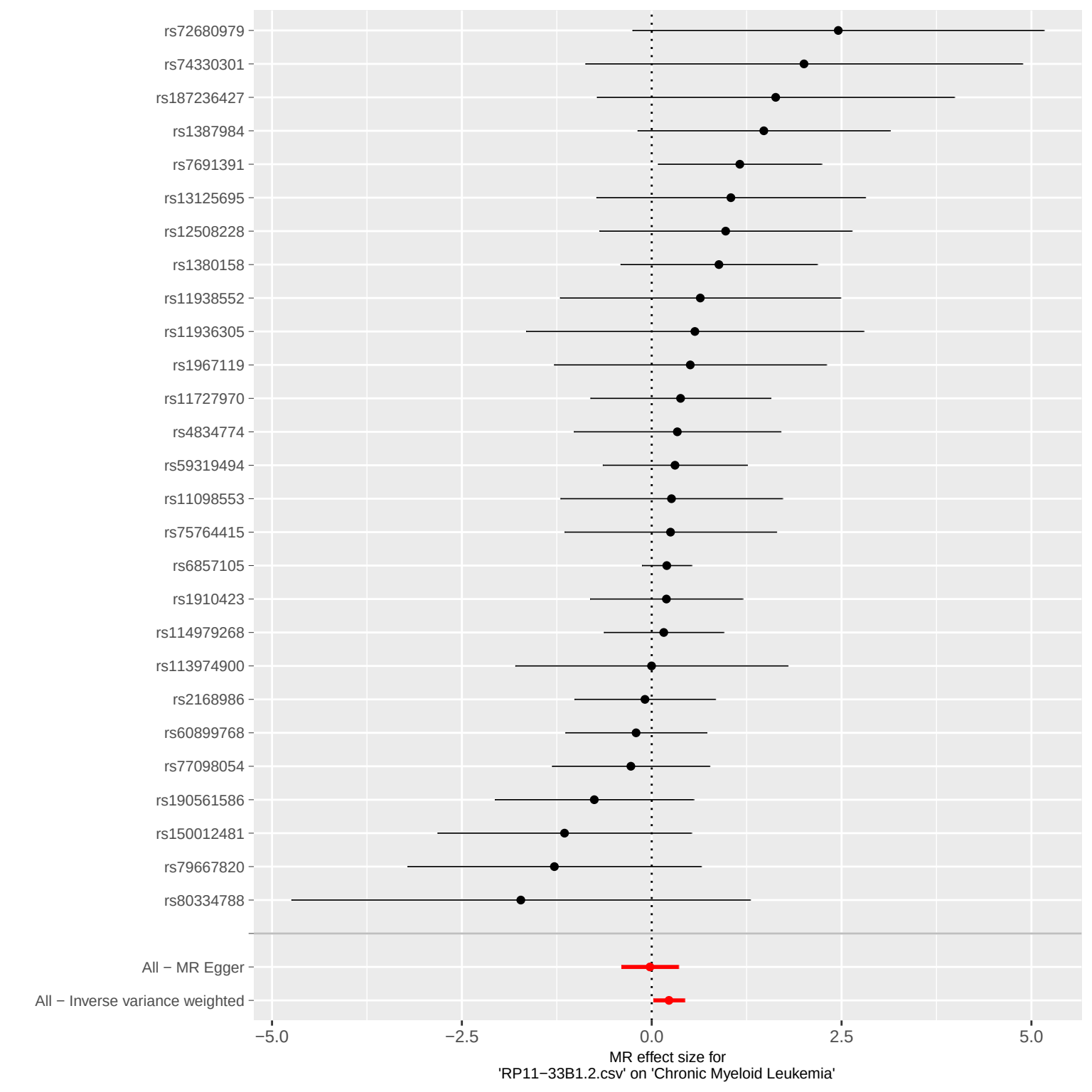
MR effect size for
'RP11−33B1.1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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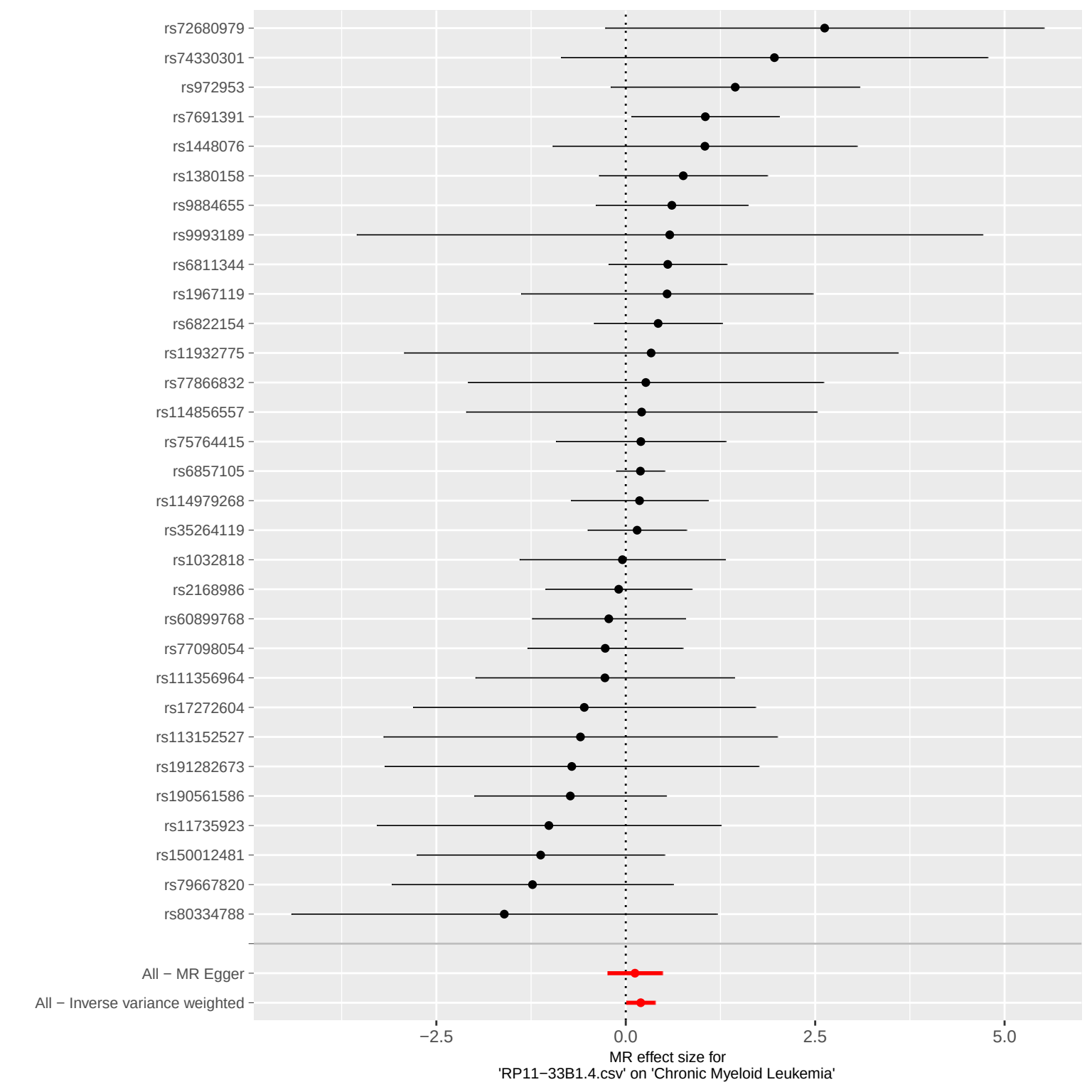
0.0
2.5
5.0
MR effect size for
'RP11−33B1.2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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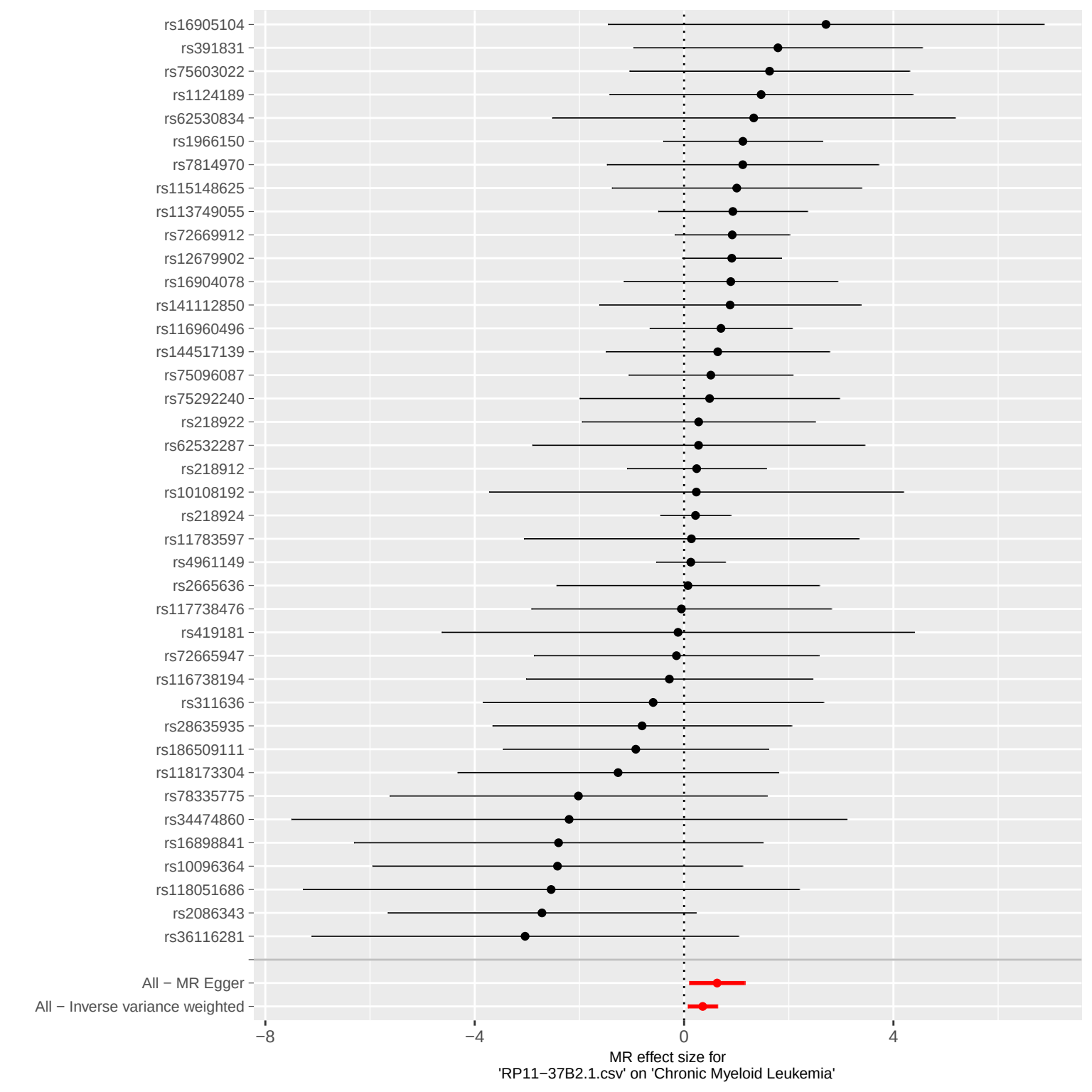
0.0
2.5
5.0
MR effect size for
'RP11−33B1.4.csv' on 'Chronic Myeloid Leukemia'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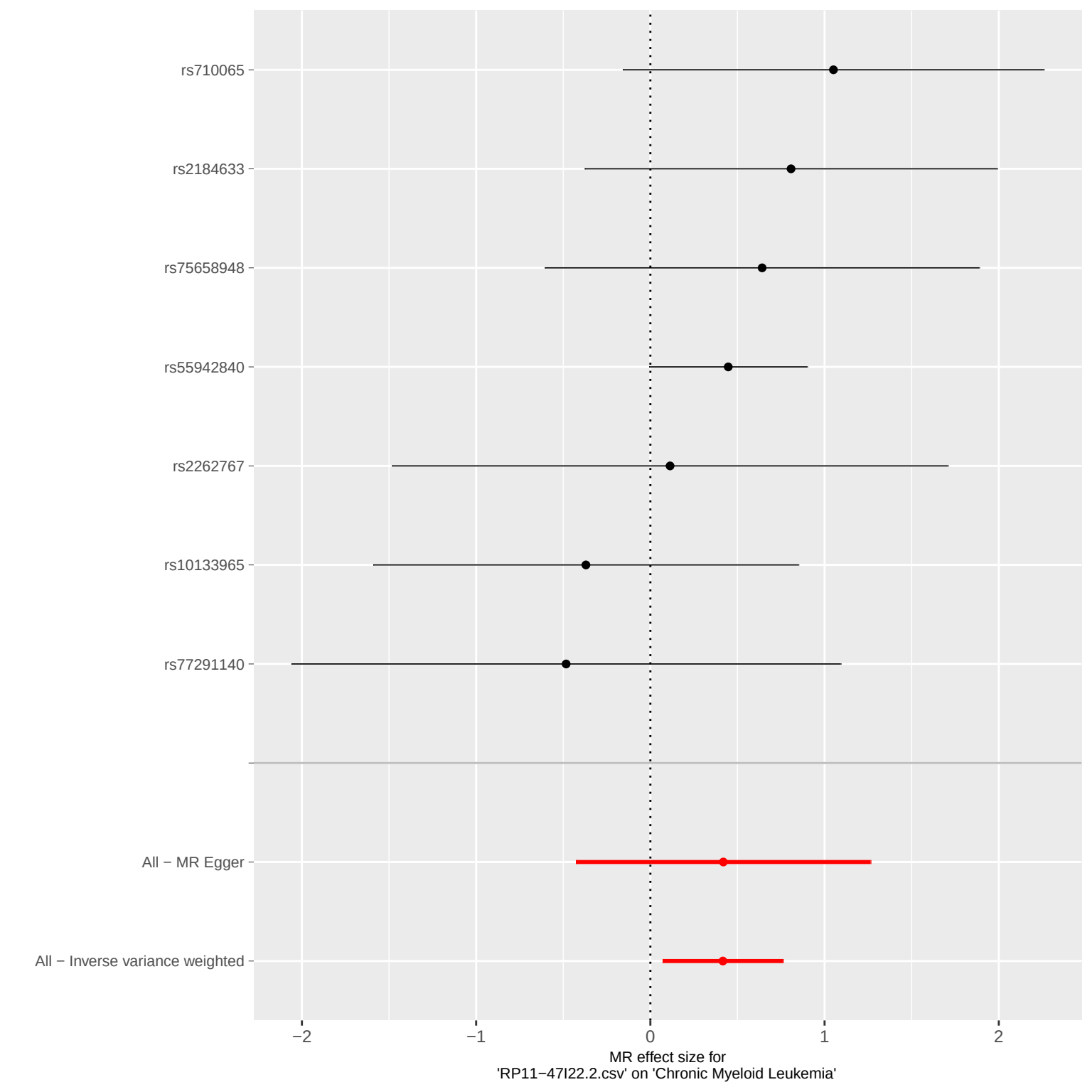
MR effect size for
'RP11−37B2.1.csv' on 'Chronic Myeloid Leukemia'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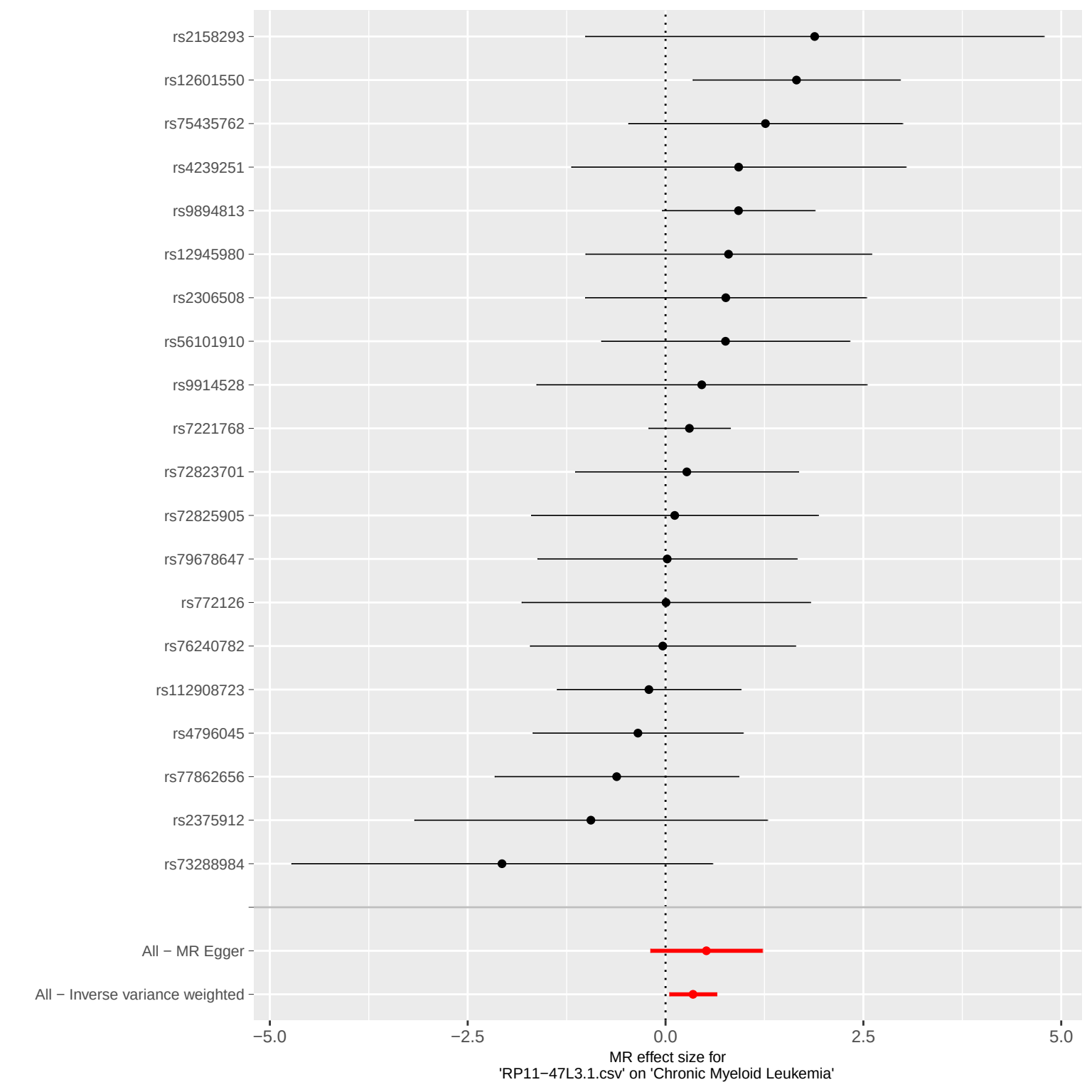
rs2262767
rs10133965
rs77291140
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RP11−47I22.2.csv' on 'Chronic Myeloid Leukemia'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rs2375912
rs73288984
All − MR Egger
All − Inverse variance weighted
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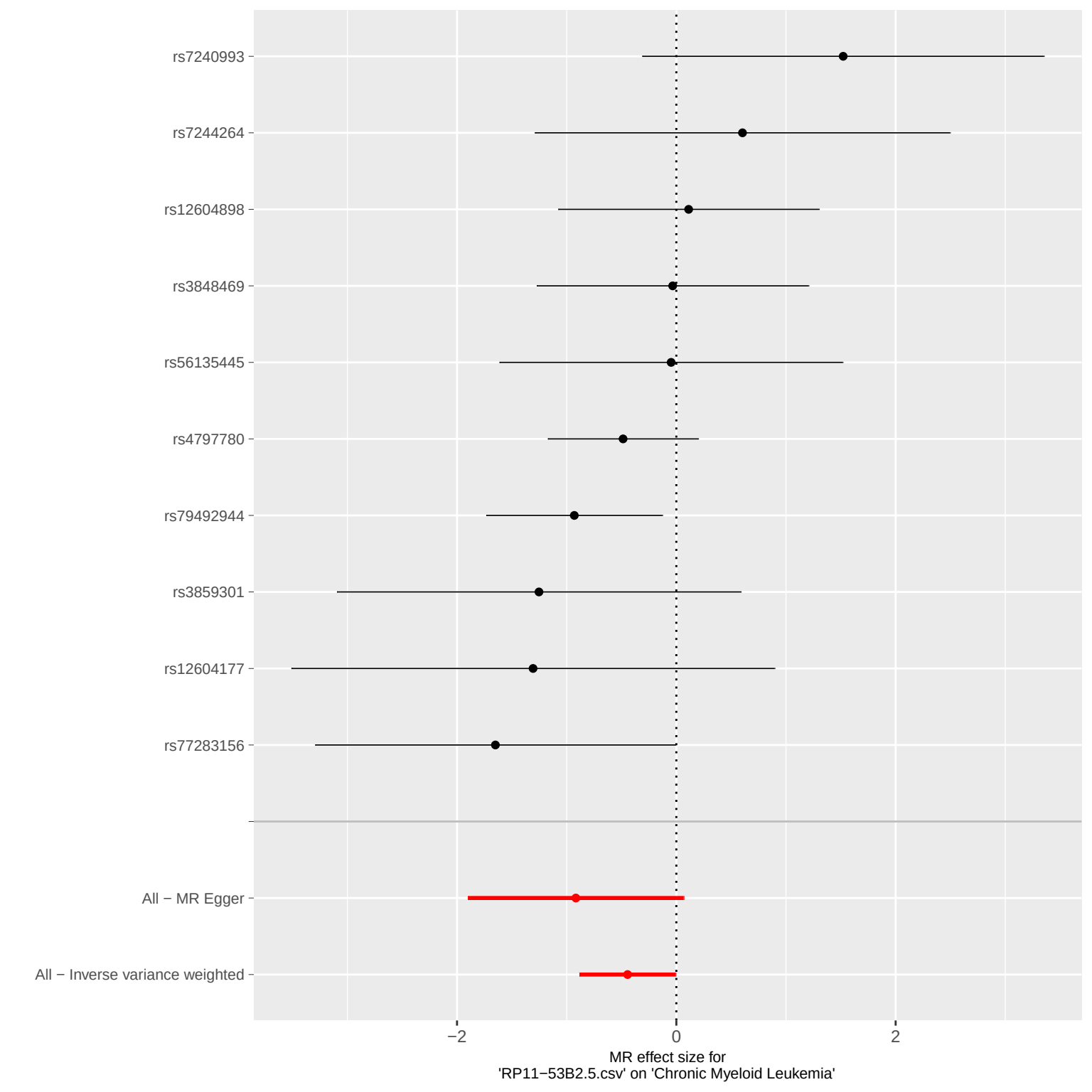
5.0
MR effect size for
'RP11−47L3.1.csv' on 'Chronic Myeloid Leukemia'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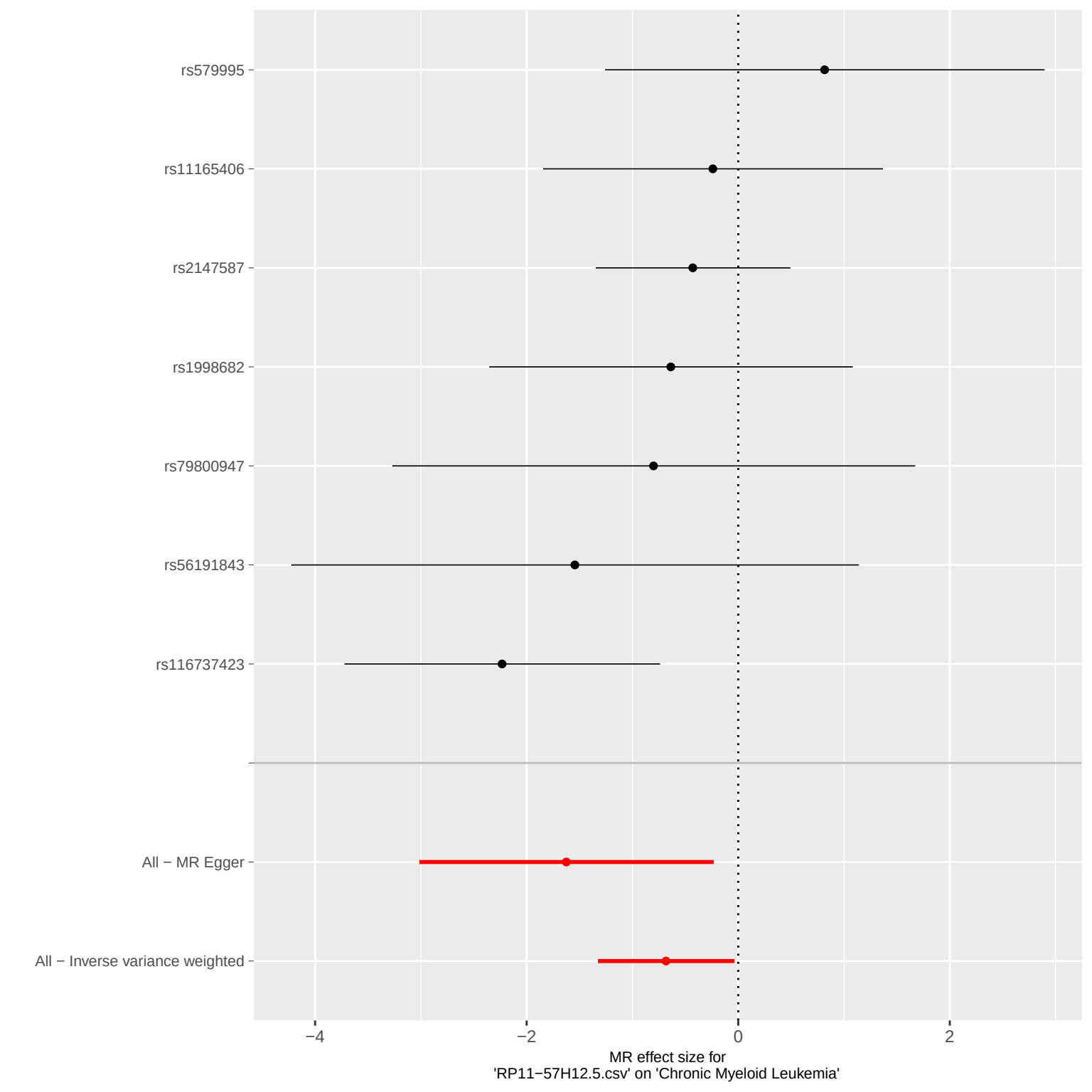
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RP11−53B2.5.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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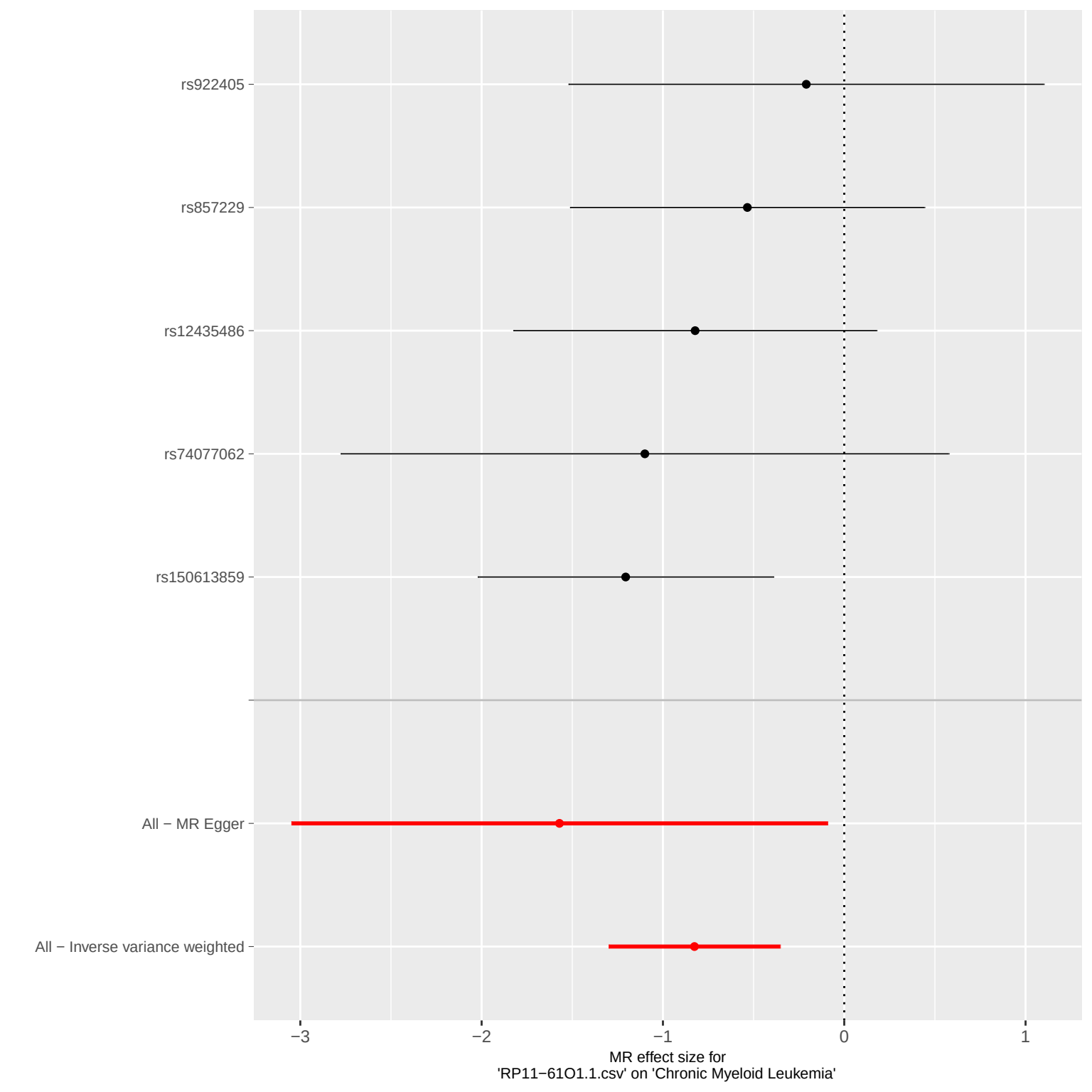
−2
0
2
MR effect size for
'RP11−57H12.5.csv' on 'Chronic Myeloid Leukemia'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rs857229
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rs150613859
All − MR Egger
All − Inverse variance weighted
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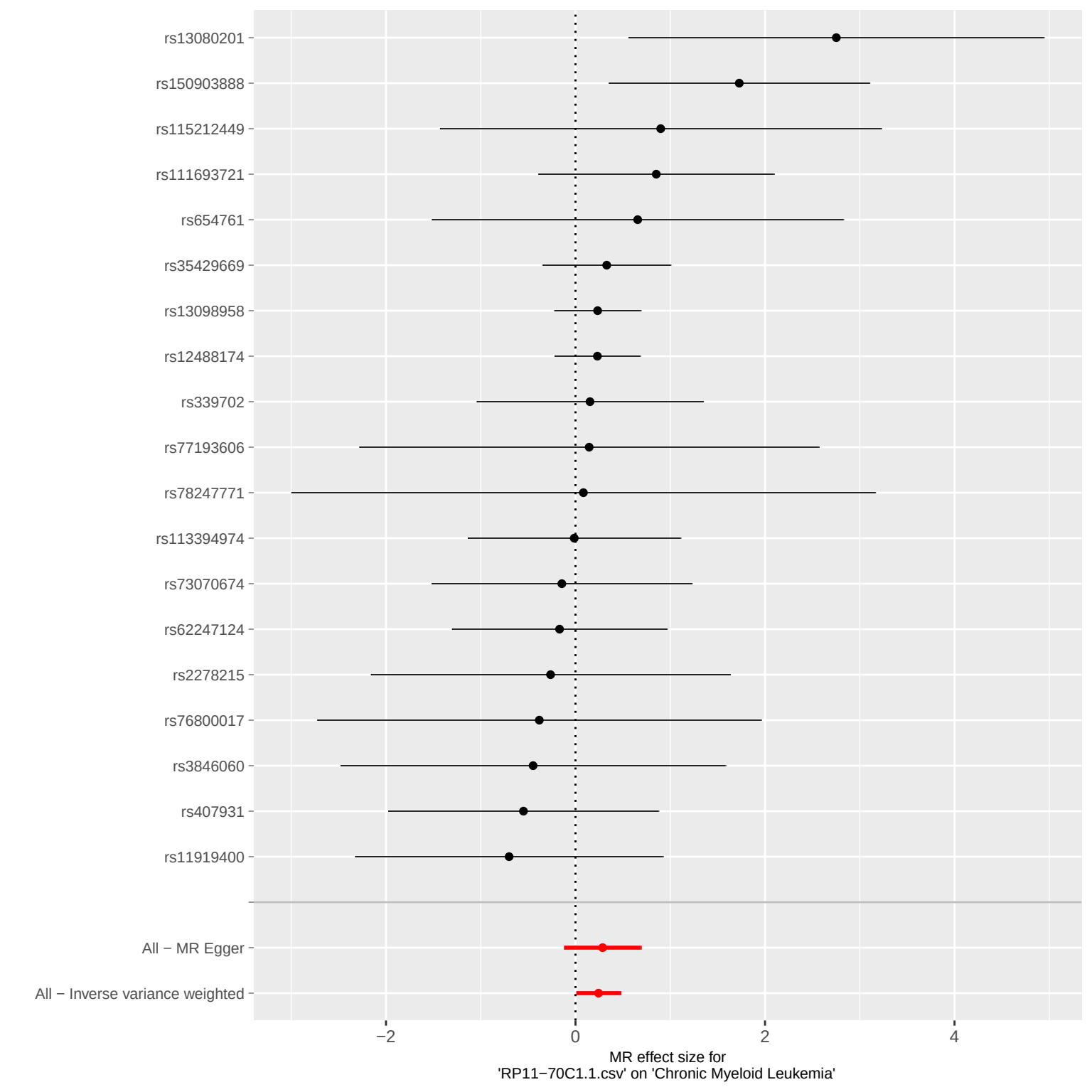
−2
−1
0
1
MR effect size for
'RP11−61O1.1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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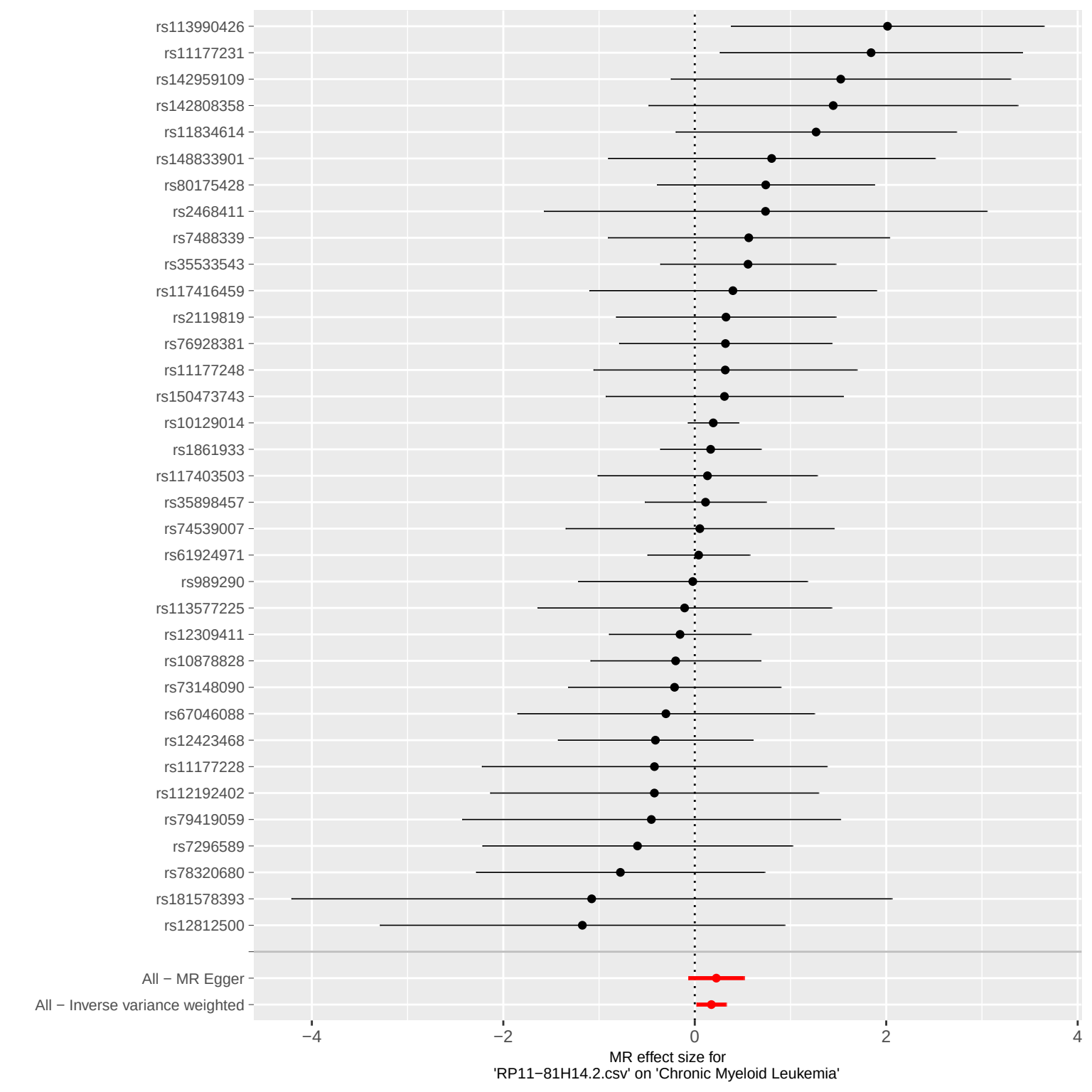
4
MR effect size for
'RP11−70C1.1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
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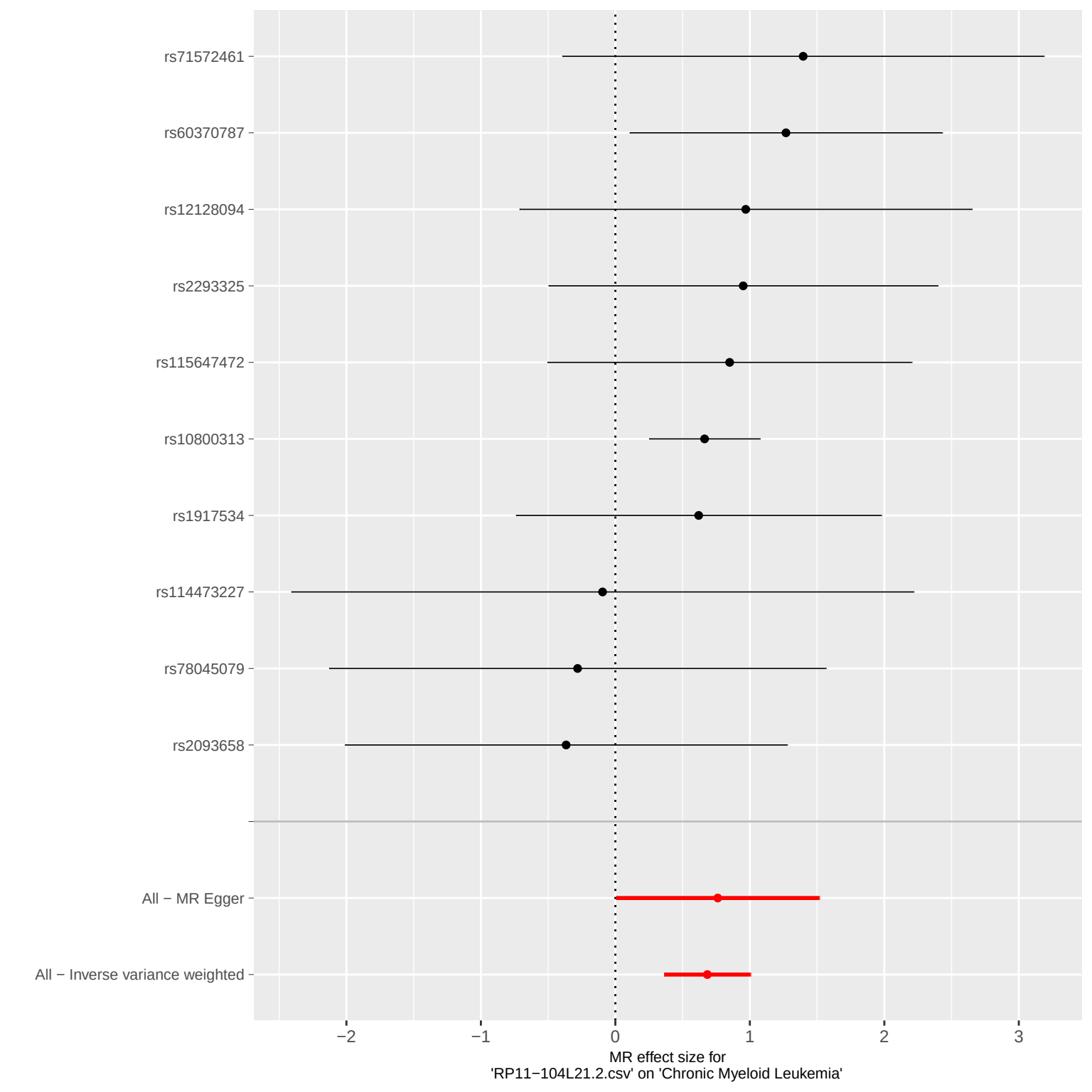
MR effect size for
'RP11−81H14.2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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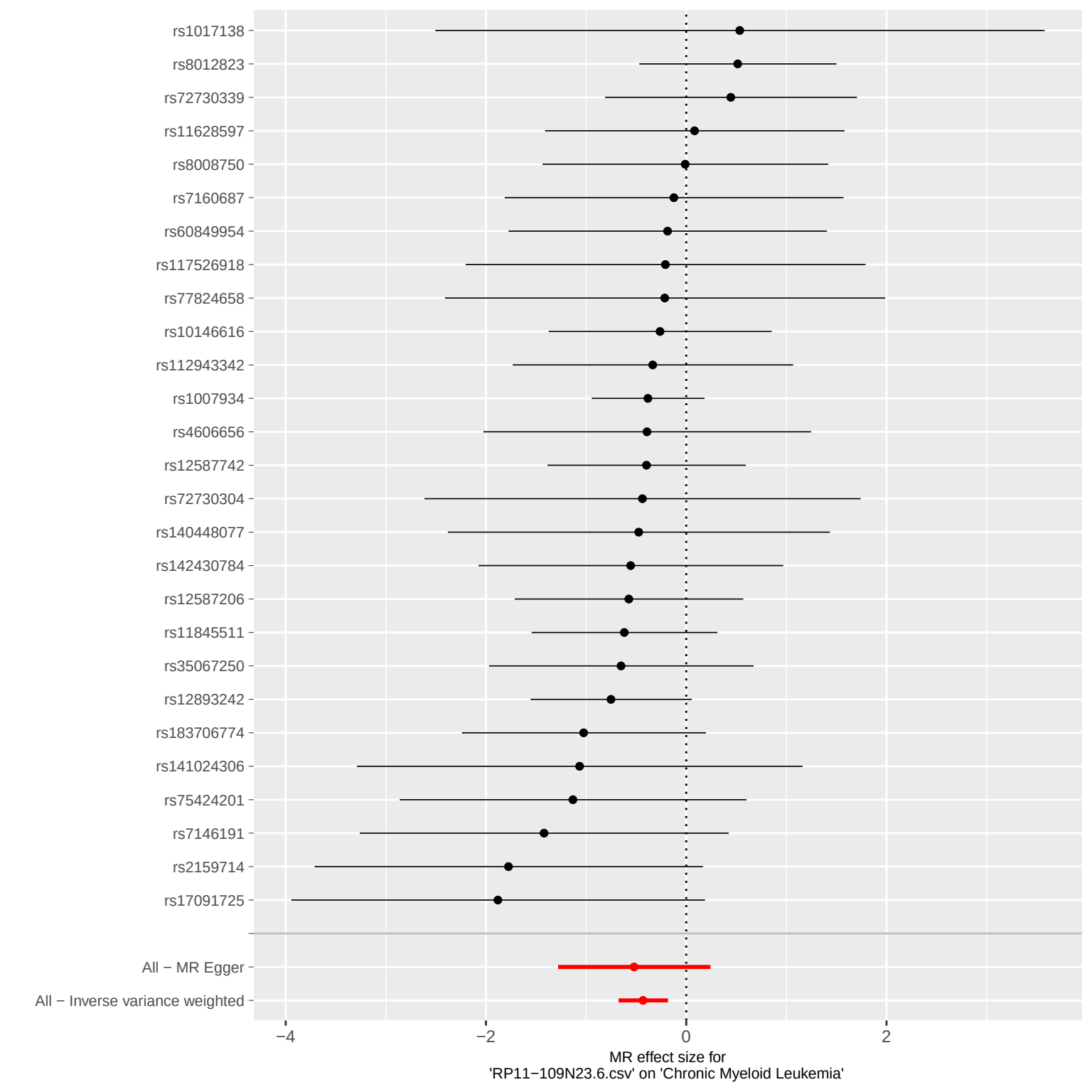
−1
0
1
2
3
MR effect size for
'RP11−104L21.2.csv' on 'Chronic Myeloid Leukemia'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rs17091725
All − MR Egger
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−2
0
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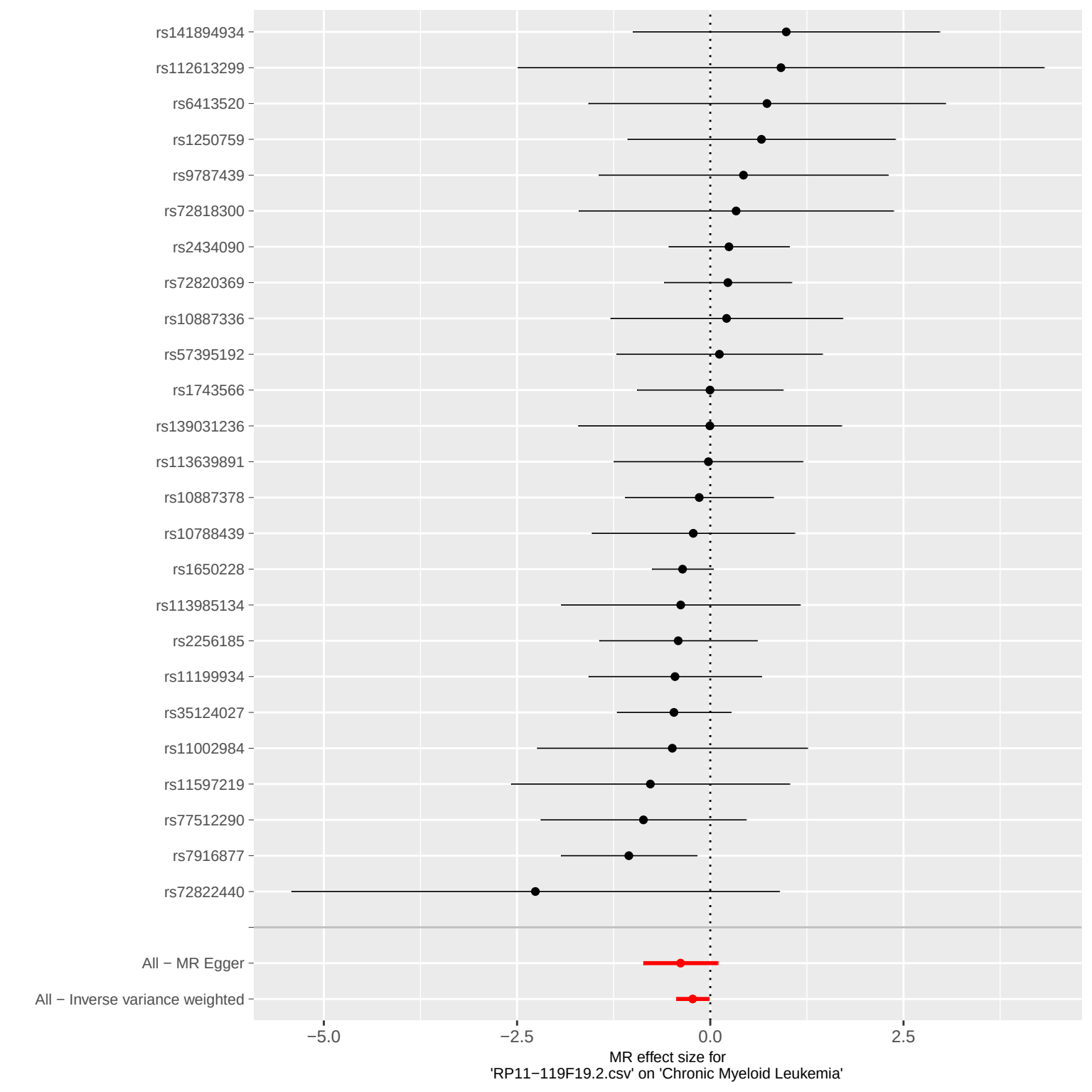
MR effect size for
'RP11−109N23.6.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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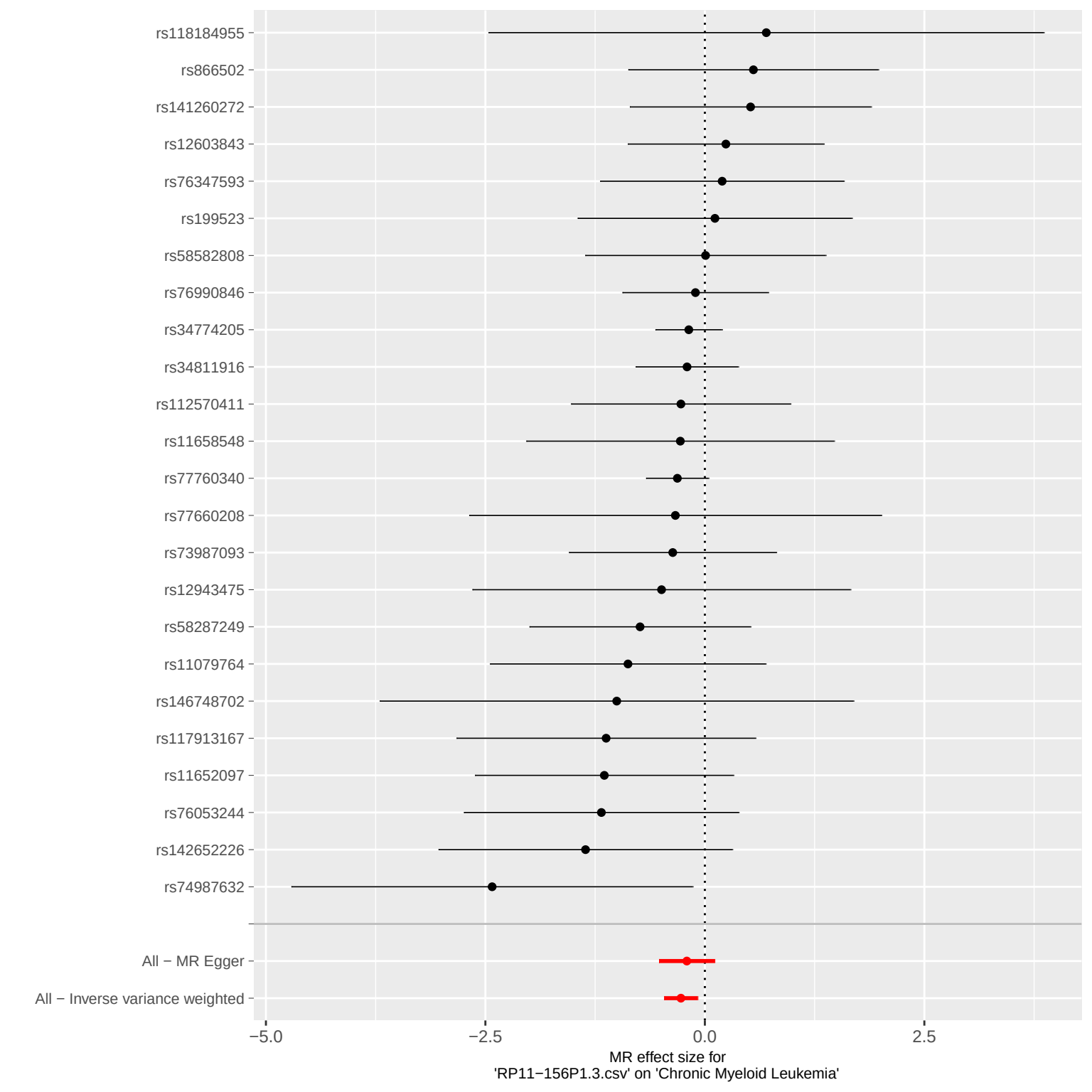
2.5
MR effect size for
'RP11−119F19.2.csv' on 'Chronic Myeloid Leukemia'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rs58287249
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rs76053244
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All − MR Egger
All − Inverse variance weighted
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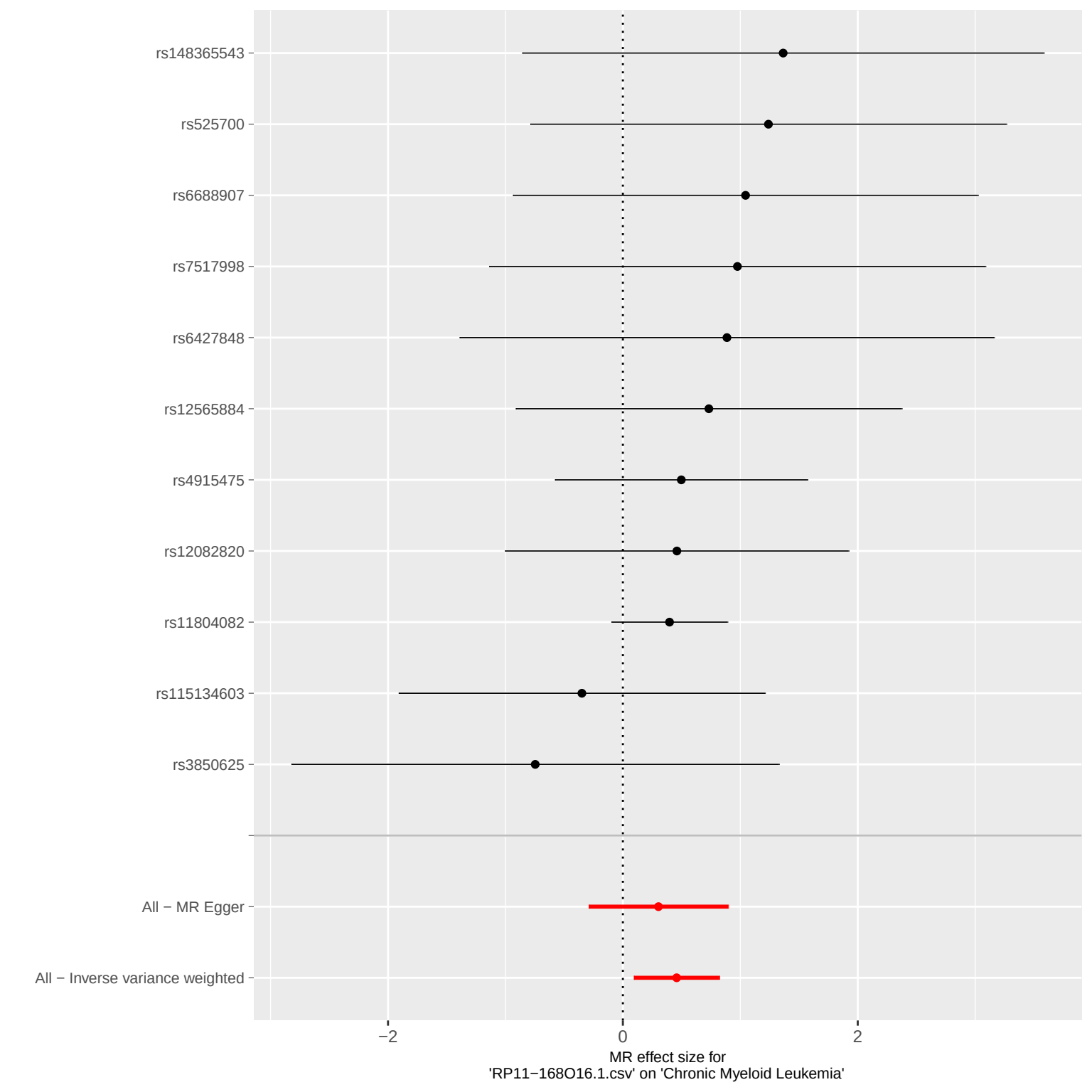
2.5
MR effect size for
'RP11−156P1.3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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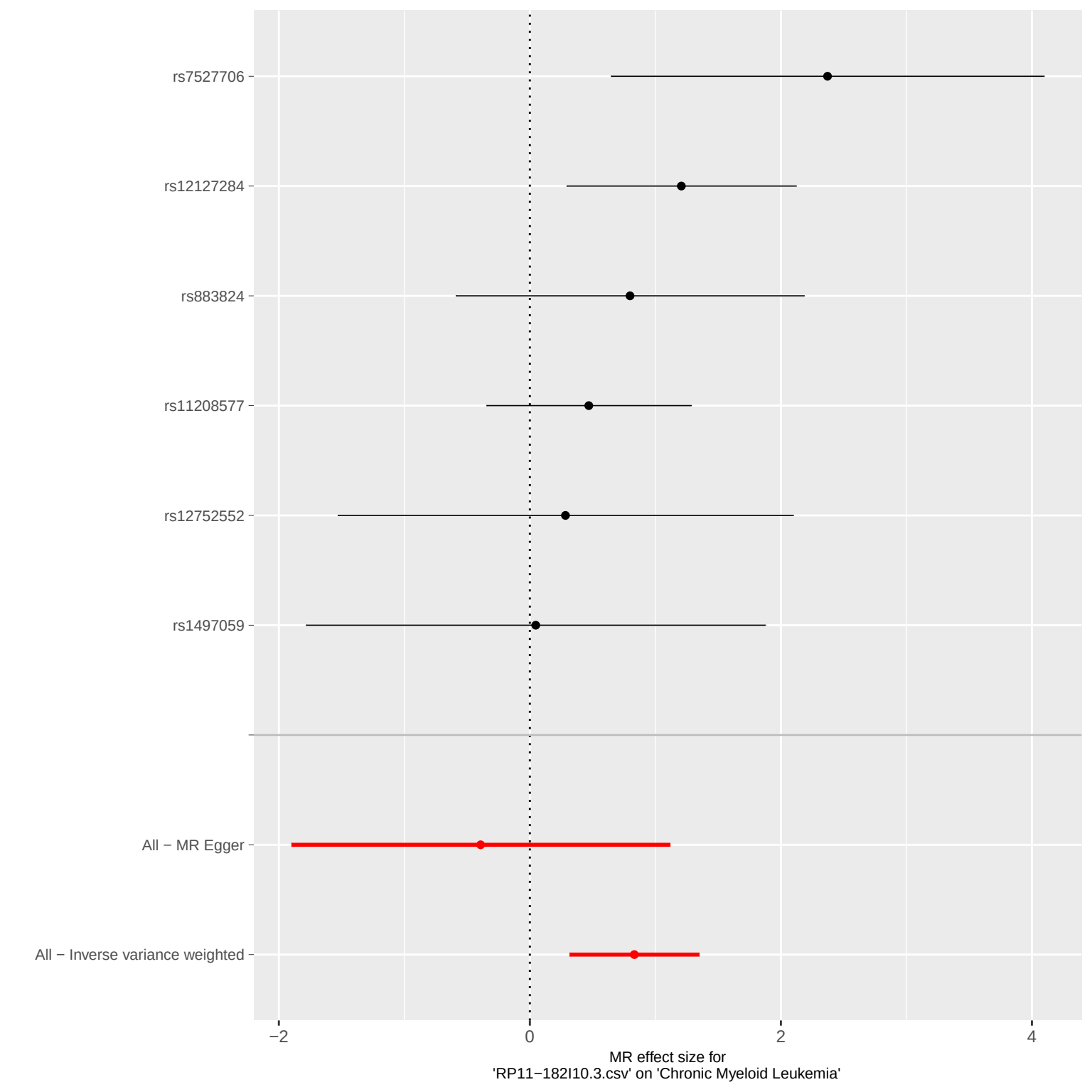
MR effect size for
'RP11−168O16.1.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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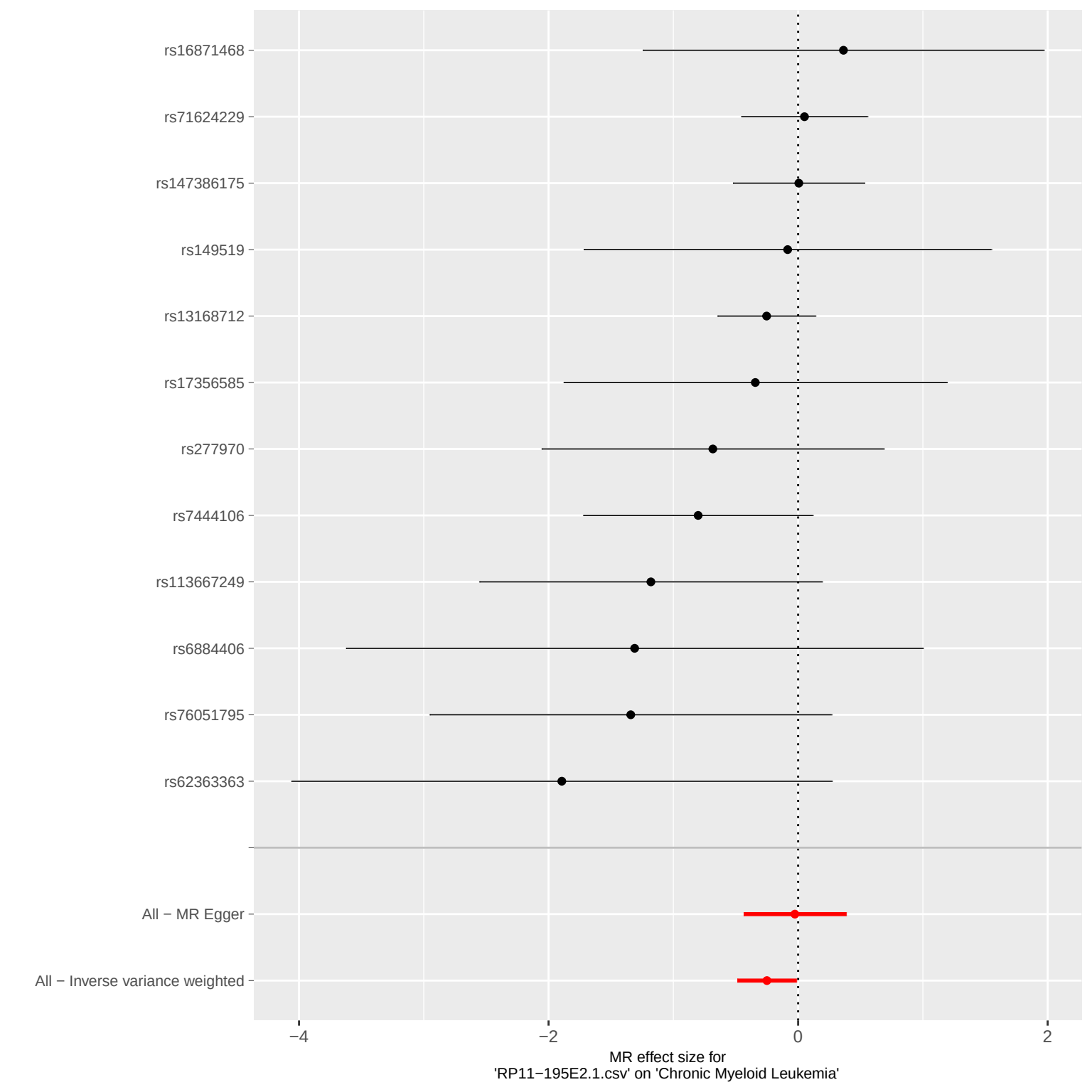
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All − Inverse variance weighted
−4
−2
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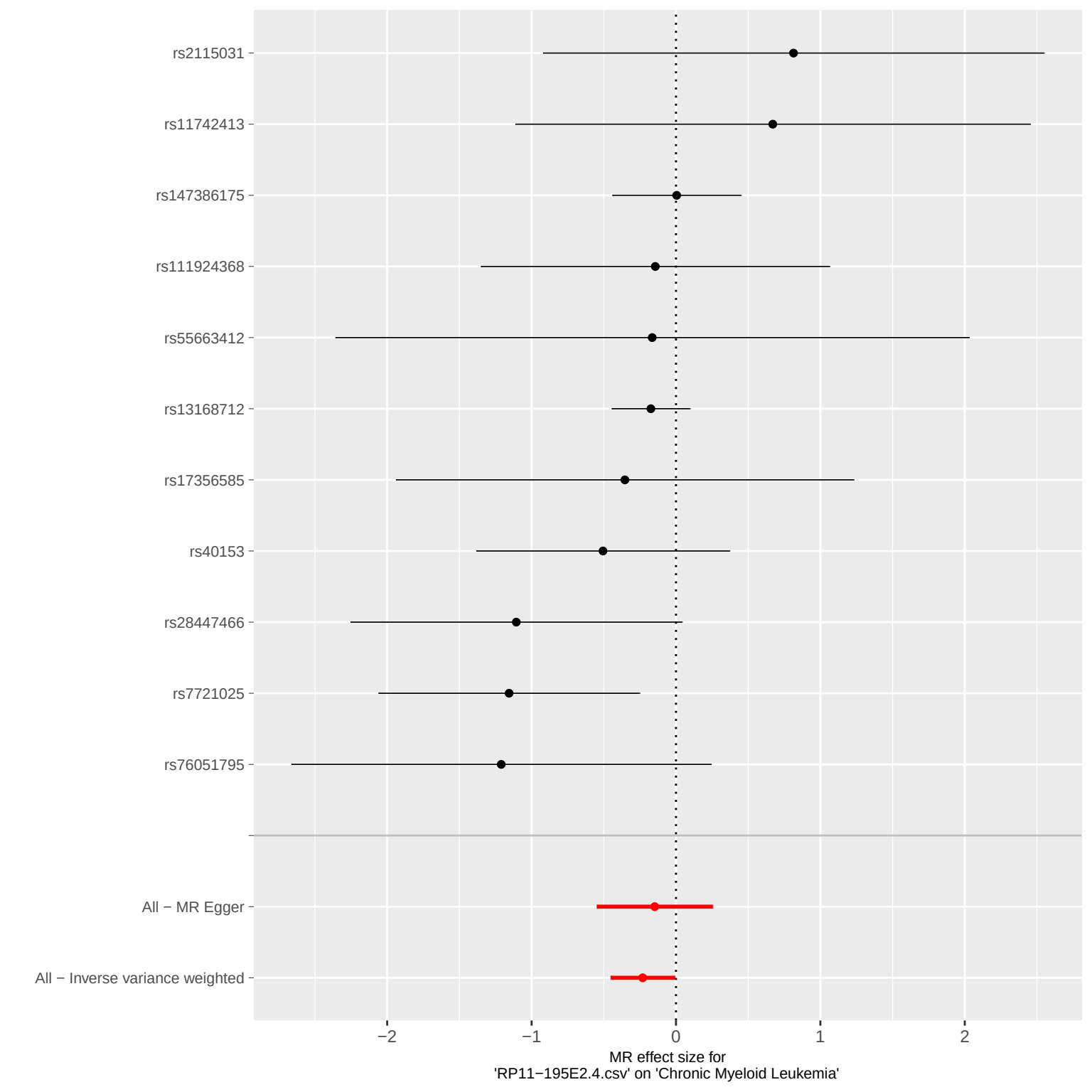
MR effect size for
'RP11−195E2.1.csv' on 'Chronic Myeloid Leukemia'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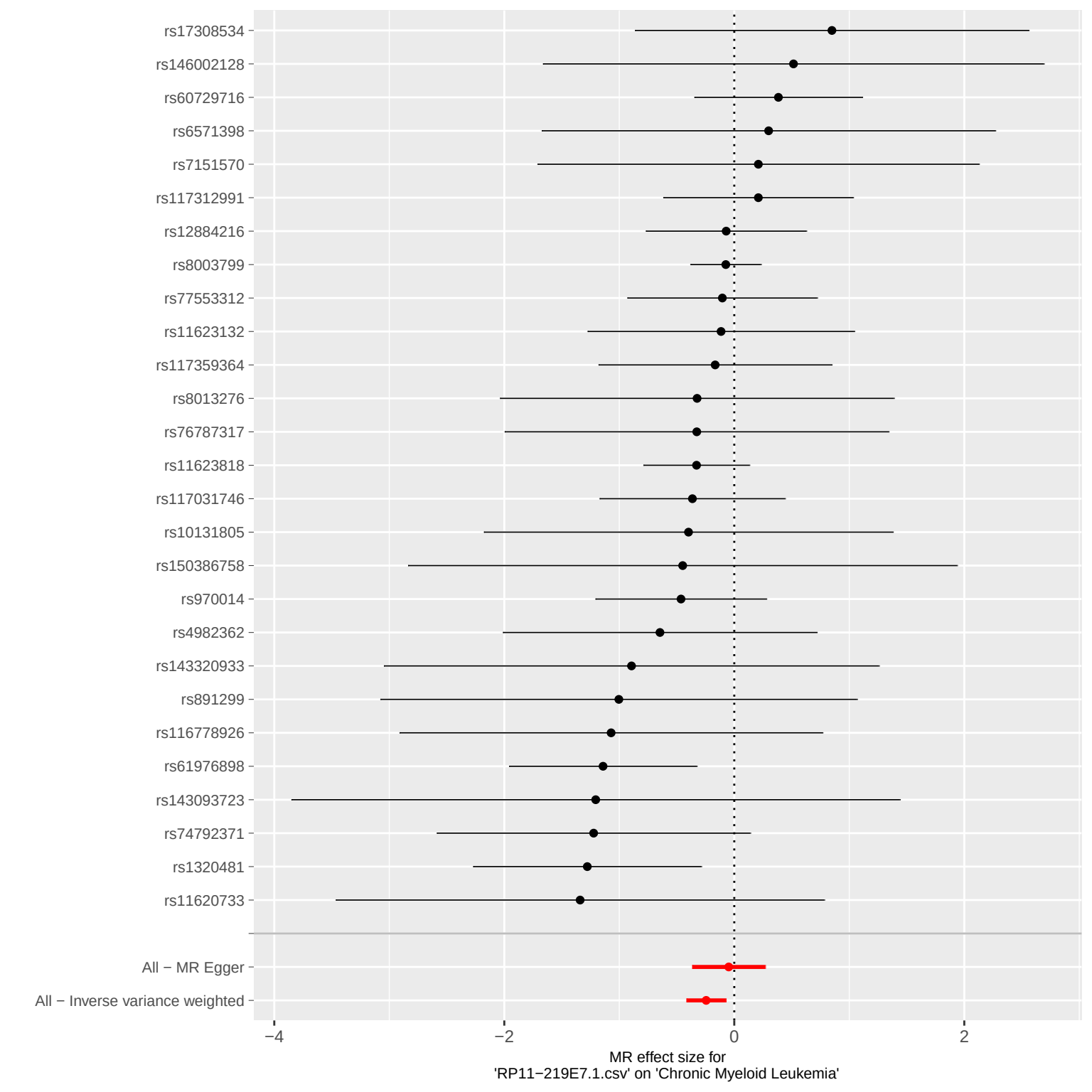
rs76051795
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RP11−195E2.4.csv' on 'Chronic Myeloid Leukemia'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rs143093723
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rs1320481
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All − MR Egger
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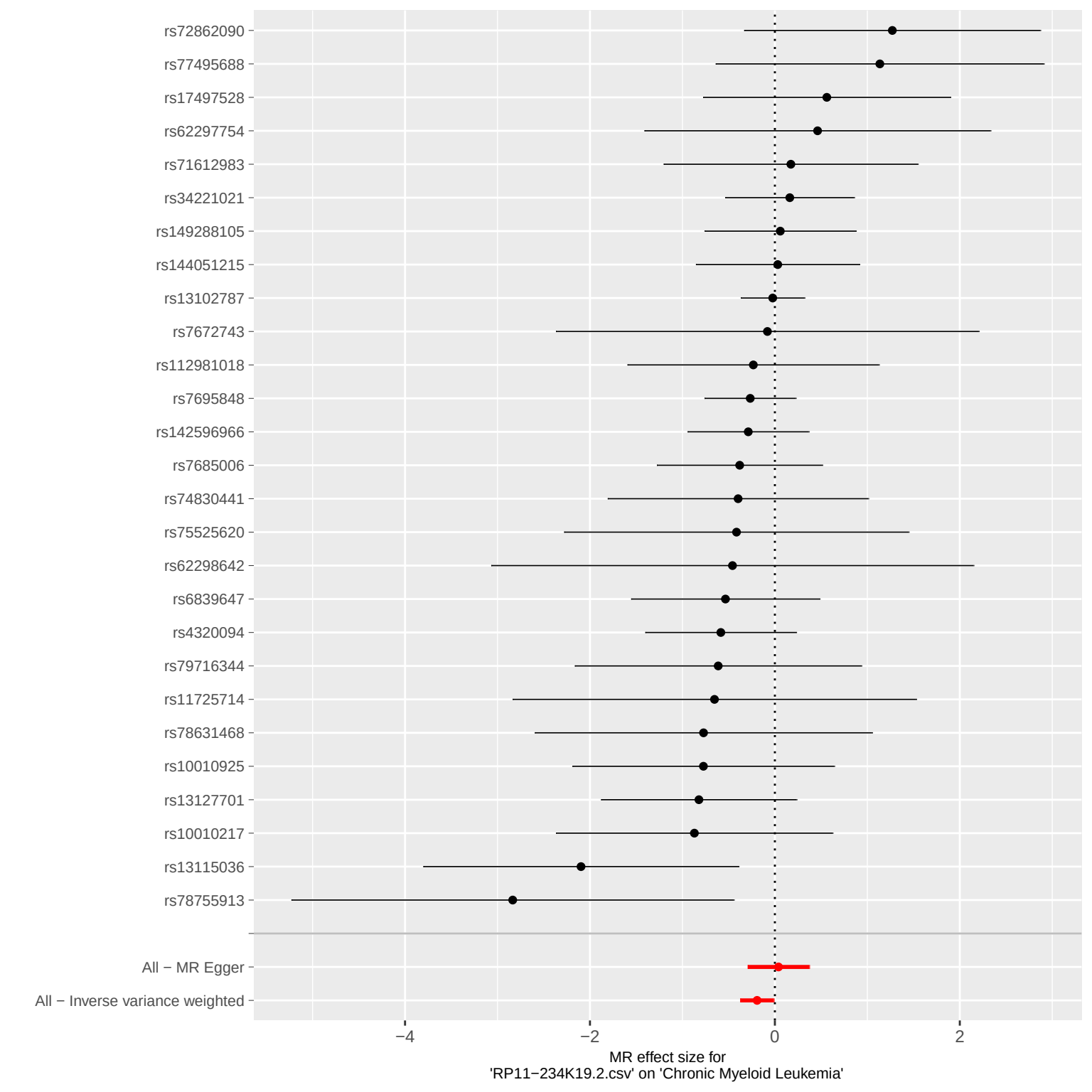
−4
−2
0
2
MR effect size for
'RP11−219E7.1.csv' on 'Chronic Myeloid Leukemia'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rs13127701
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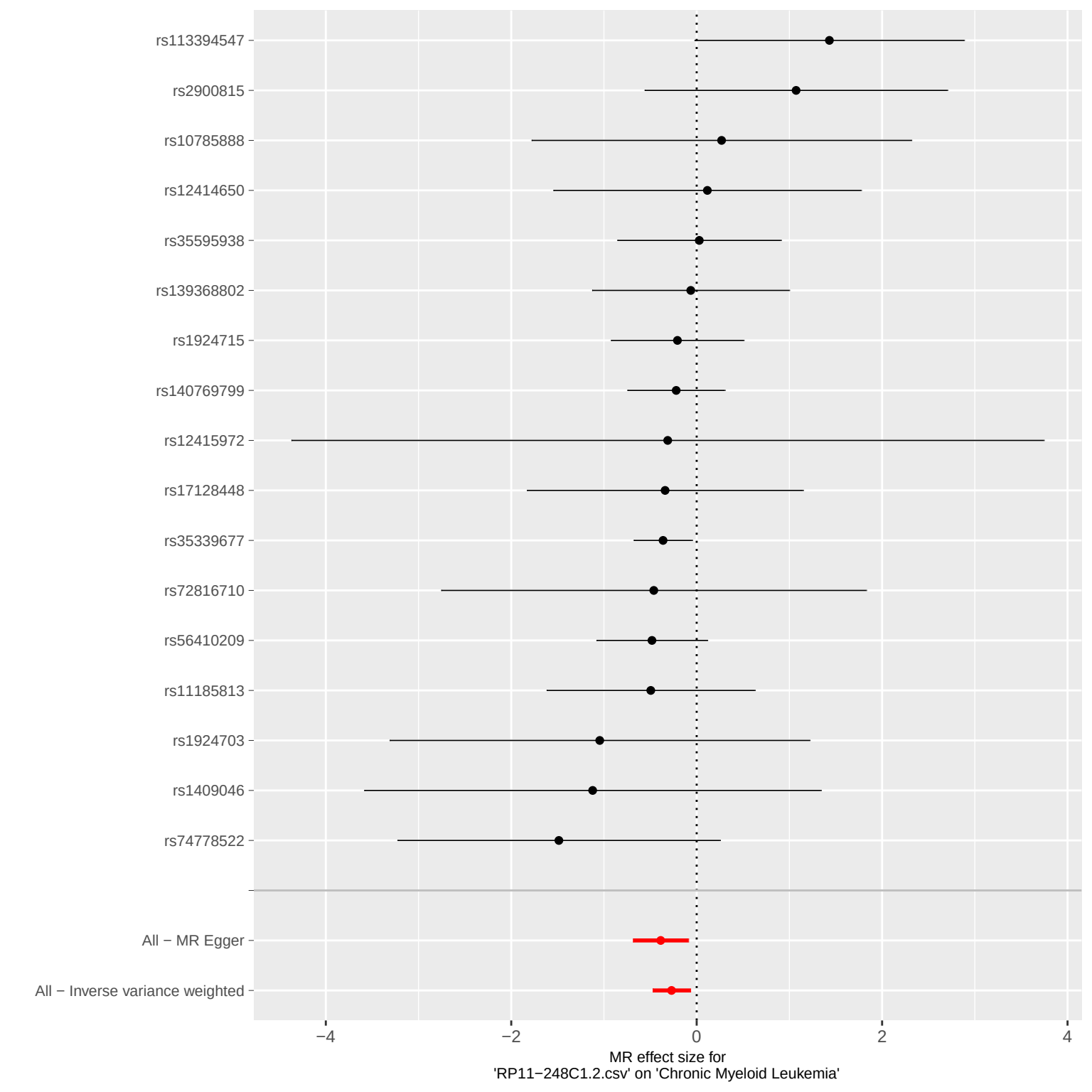
2
MR effect size for
'RP11−234K19.2.csv' on 'Chronic Myeloid Leukemia'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rs1409046
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All − MR Egger
All − Inverse variance weighted
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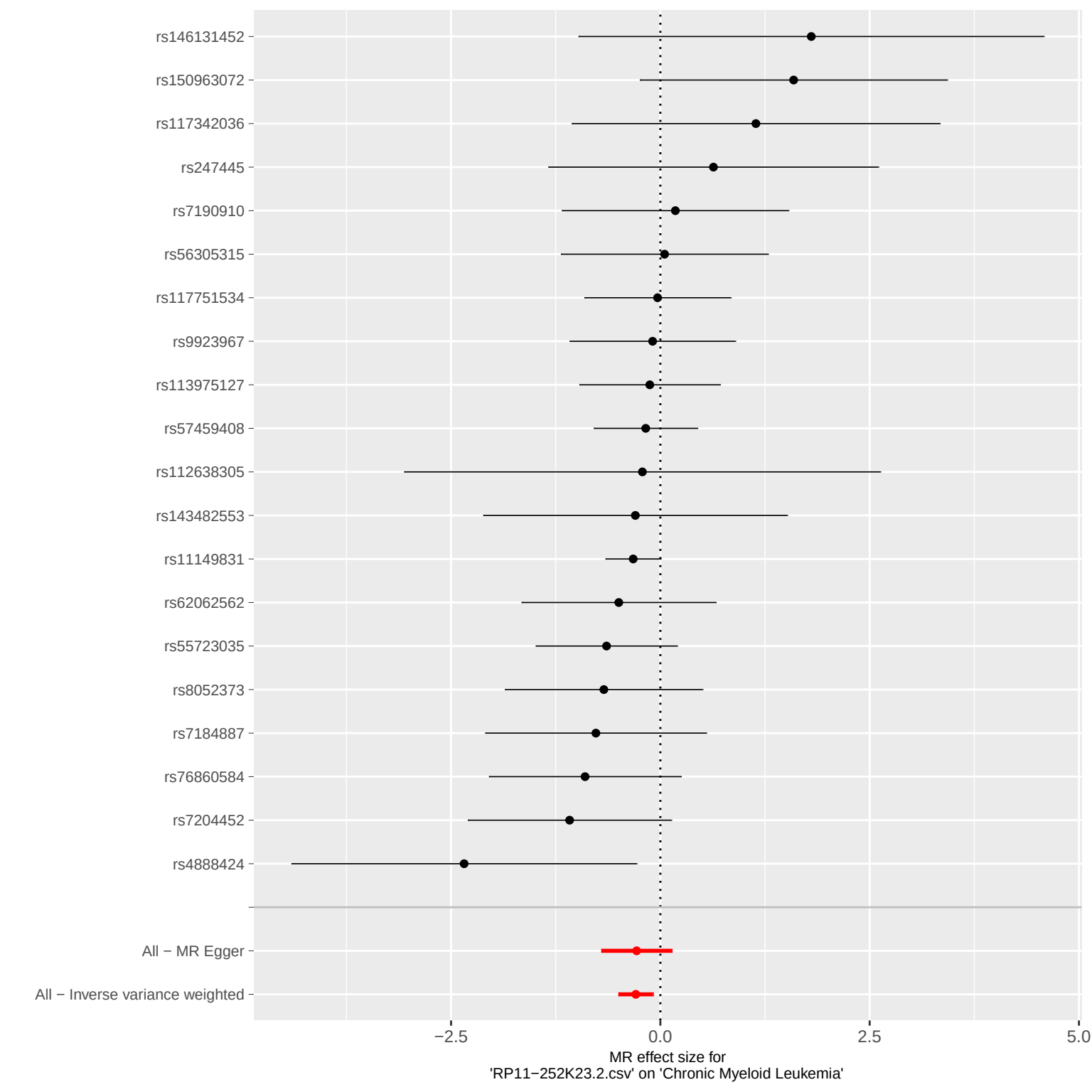
MR effect size for
'RP11−248C1.2.csv' on 'Chronic Myeloid Leukemia'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rs76860584
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All − MR Egger
All − Inverse variance weighted
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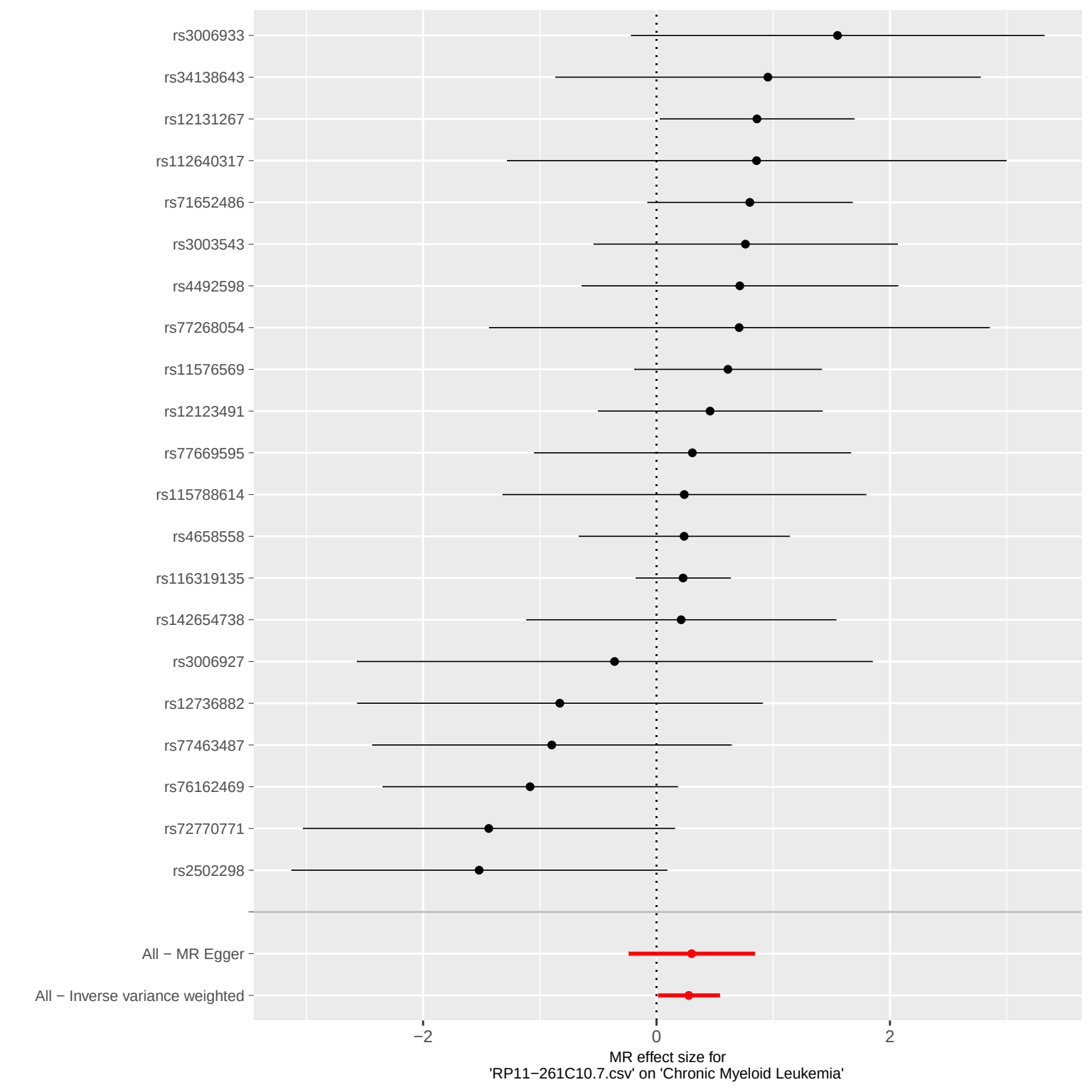
5.0
MR effect size for
'RP11−252K23.2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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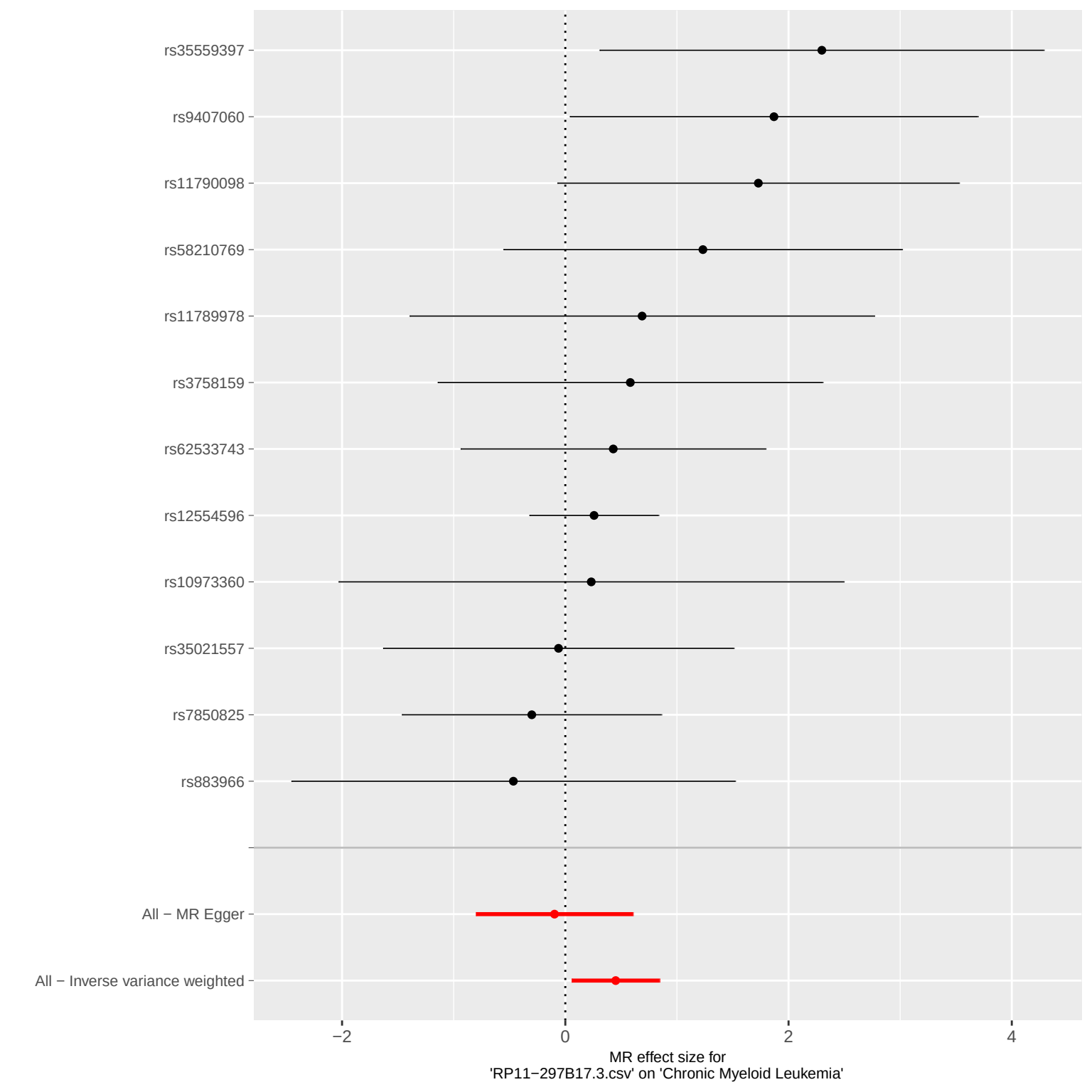
MR effect size for
'RP11−261C10.7.csv' on 'Chronic Myeloid Leukemia'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rs7850825
rs883966
All − MR Egger
All − Inverse variance weighted
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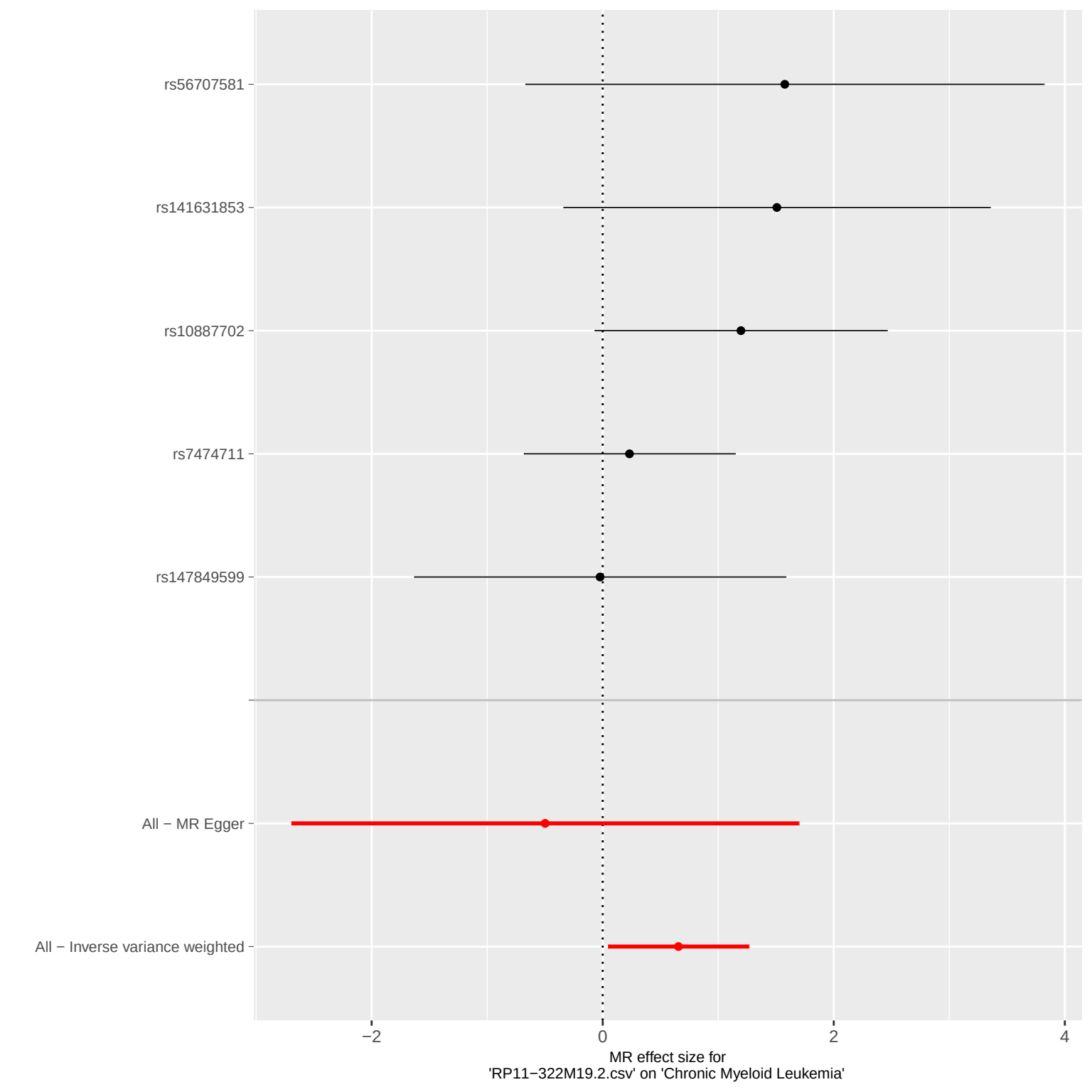
2
4
MR effect size for
'RP11−297B17.3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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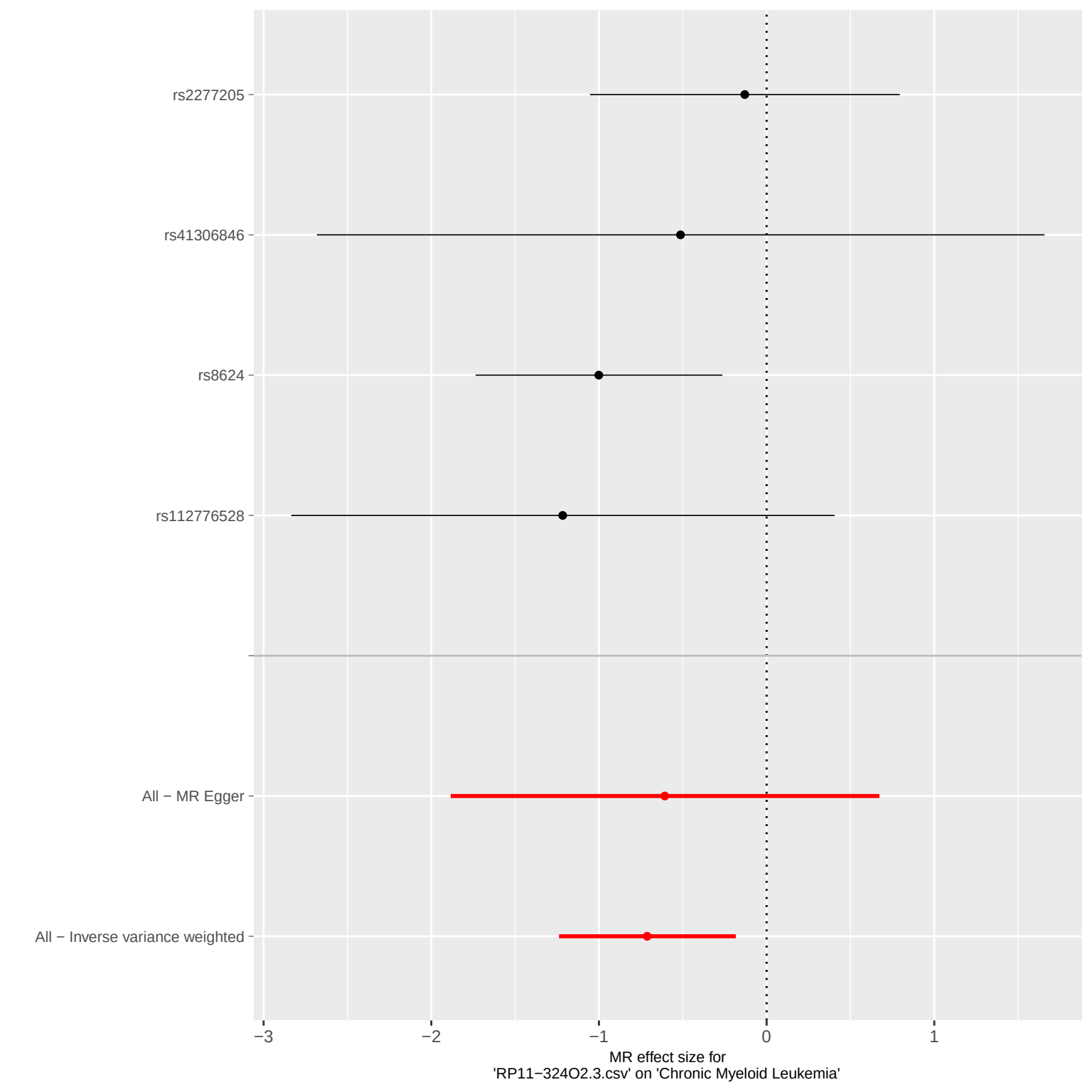
0
2
4
MR effect size for
'RP11−322M19.2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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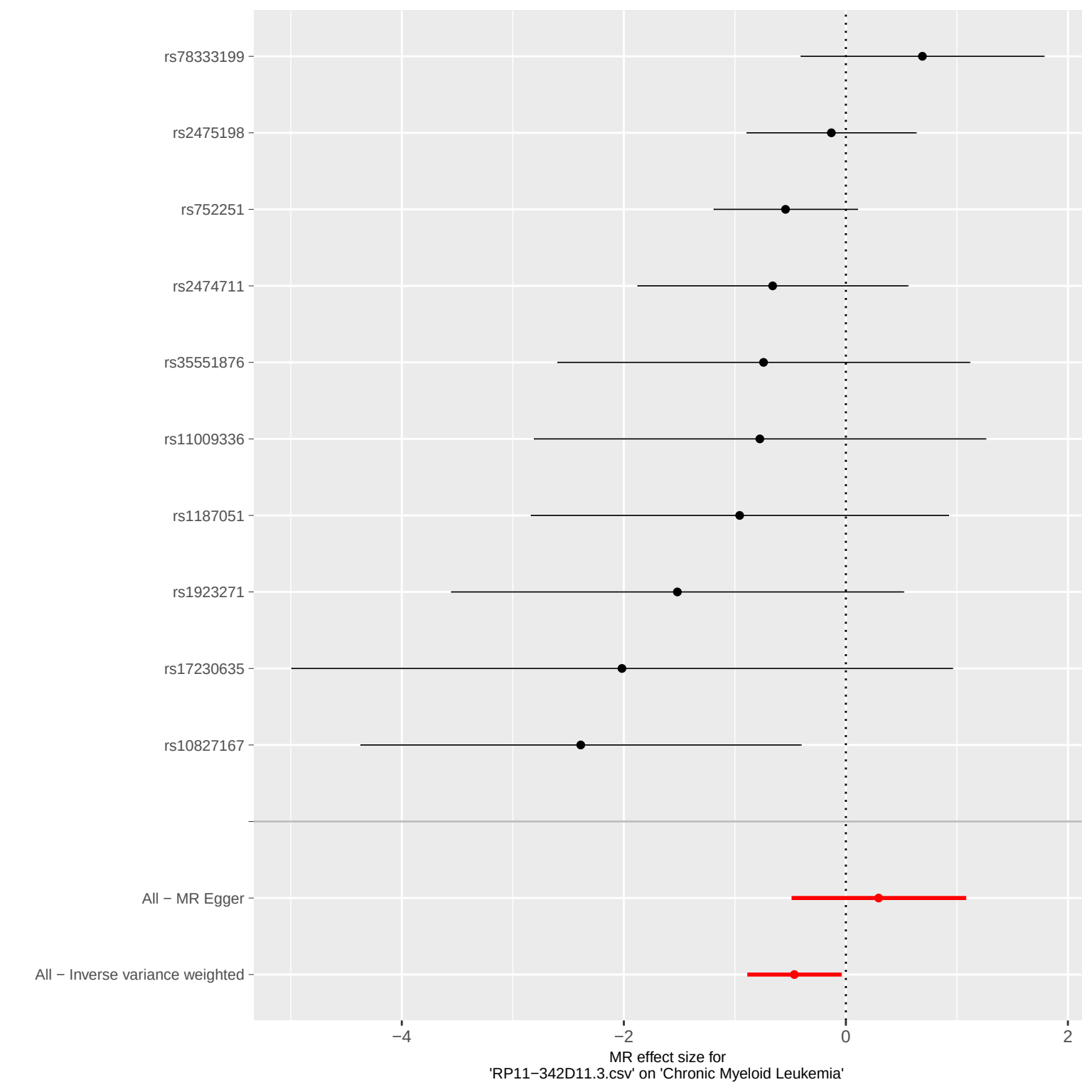
MR effect size for
'RP11−324O2.3.csv' on 'Chronic Myeloid Leukemia'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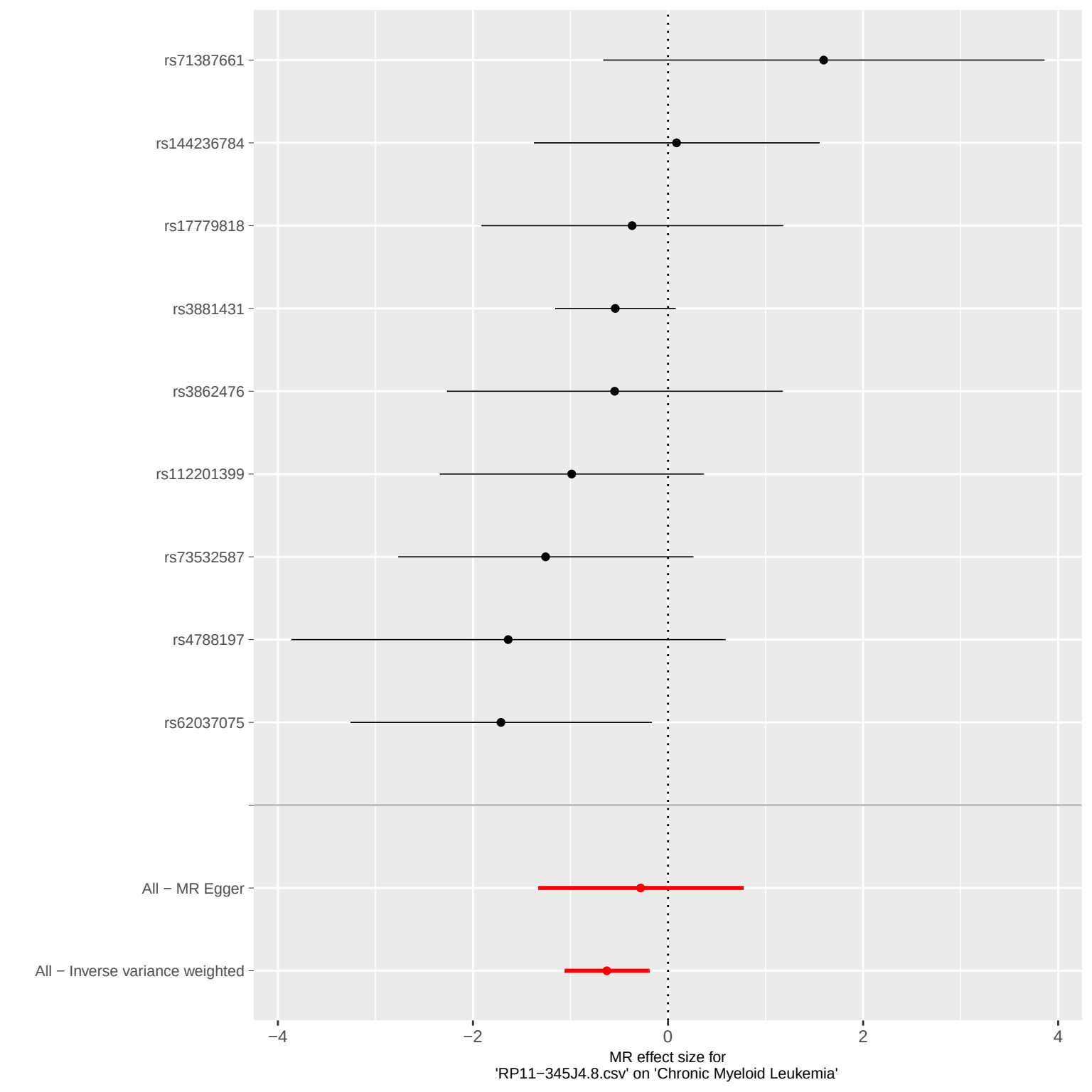
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RP11−342D11.3.csv' on 'Chronic Myeloid Leukemia'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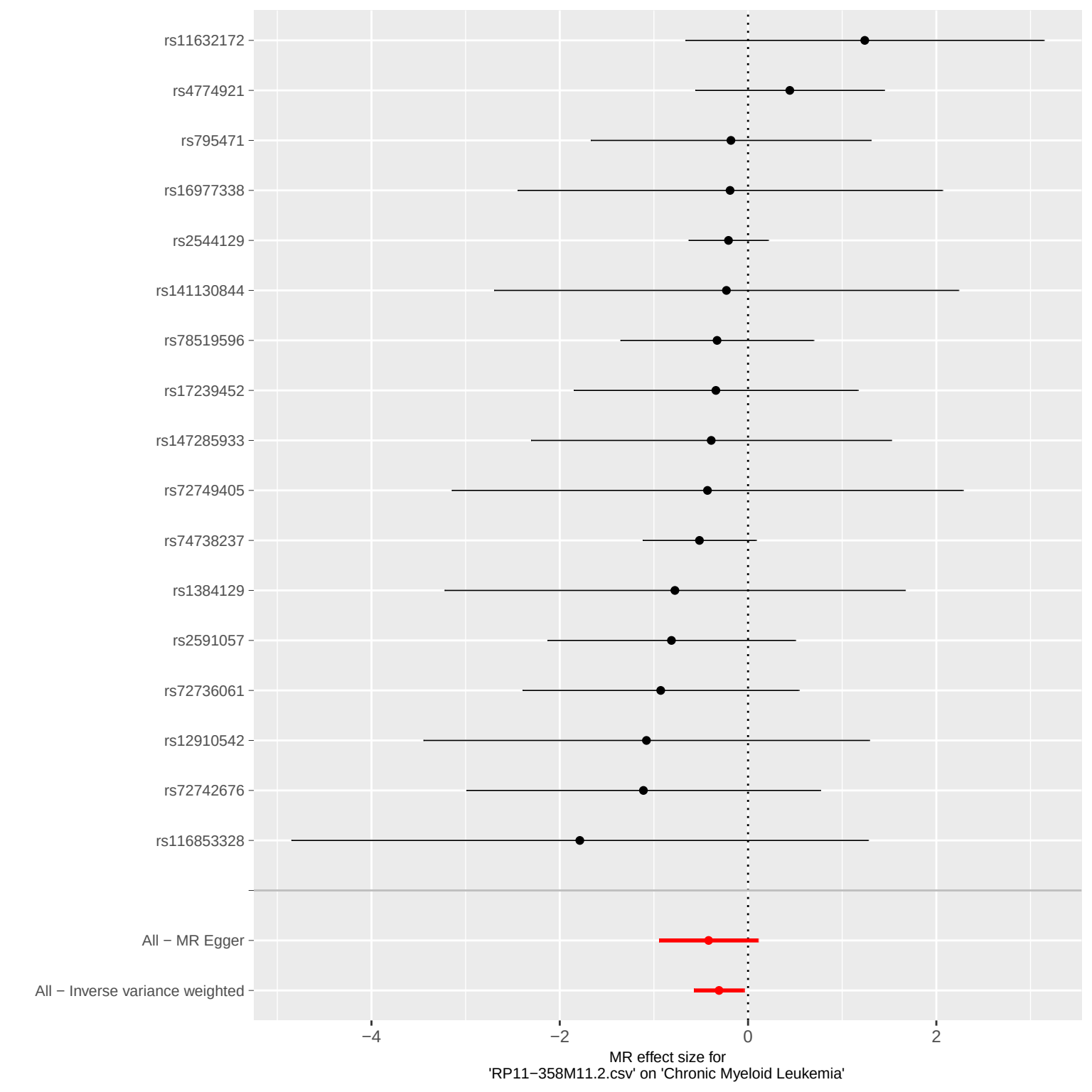
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'RP11−345J4.8.csv' on 'Chronic Myeloid Leukemia'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rs116853328
All − MR Egger
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MR effect size for
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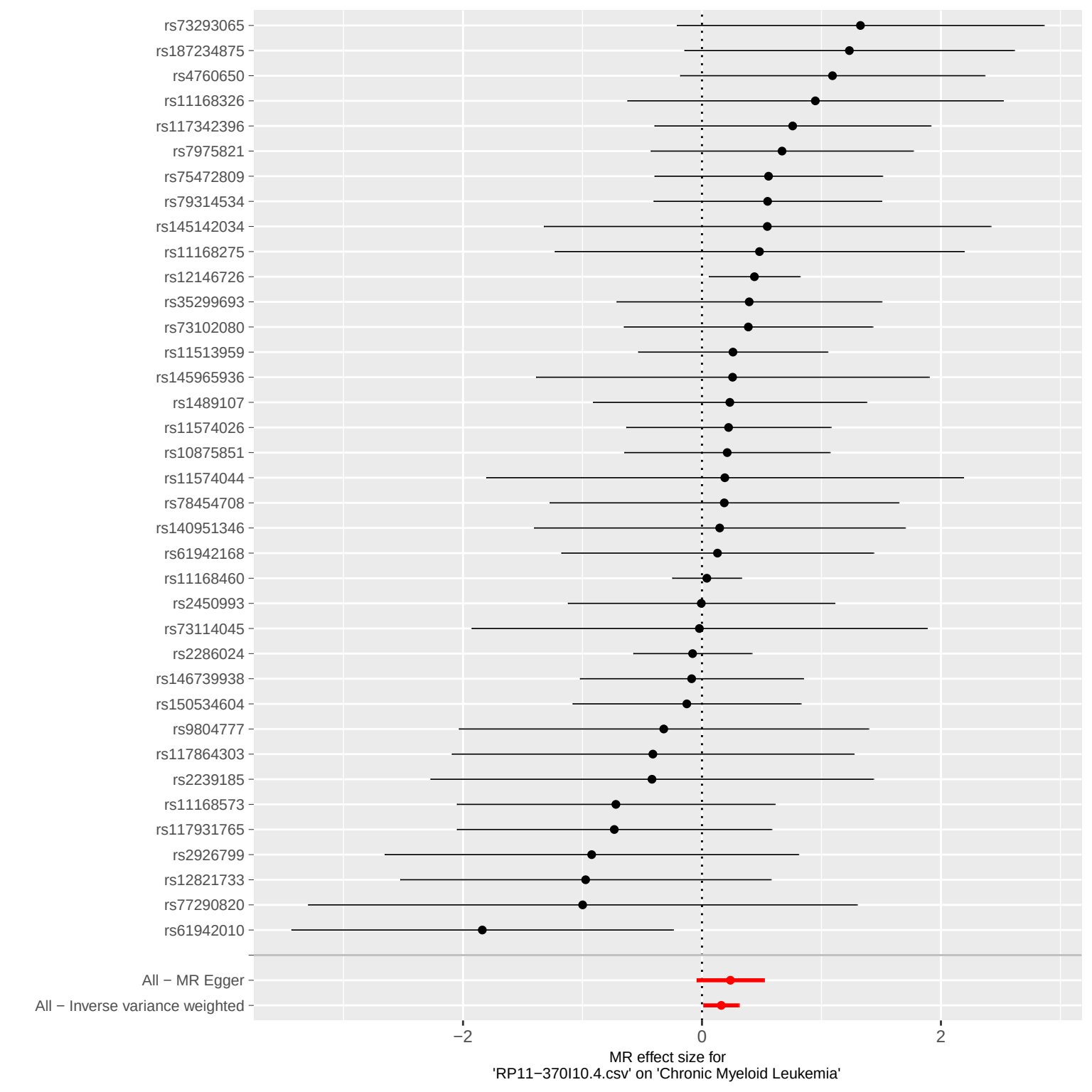
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MR effect size for
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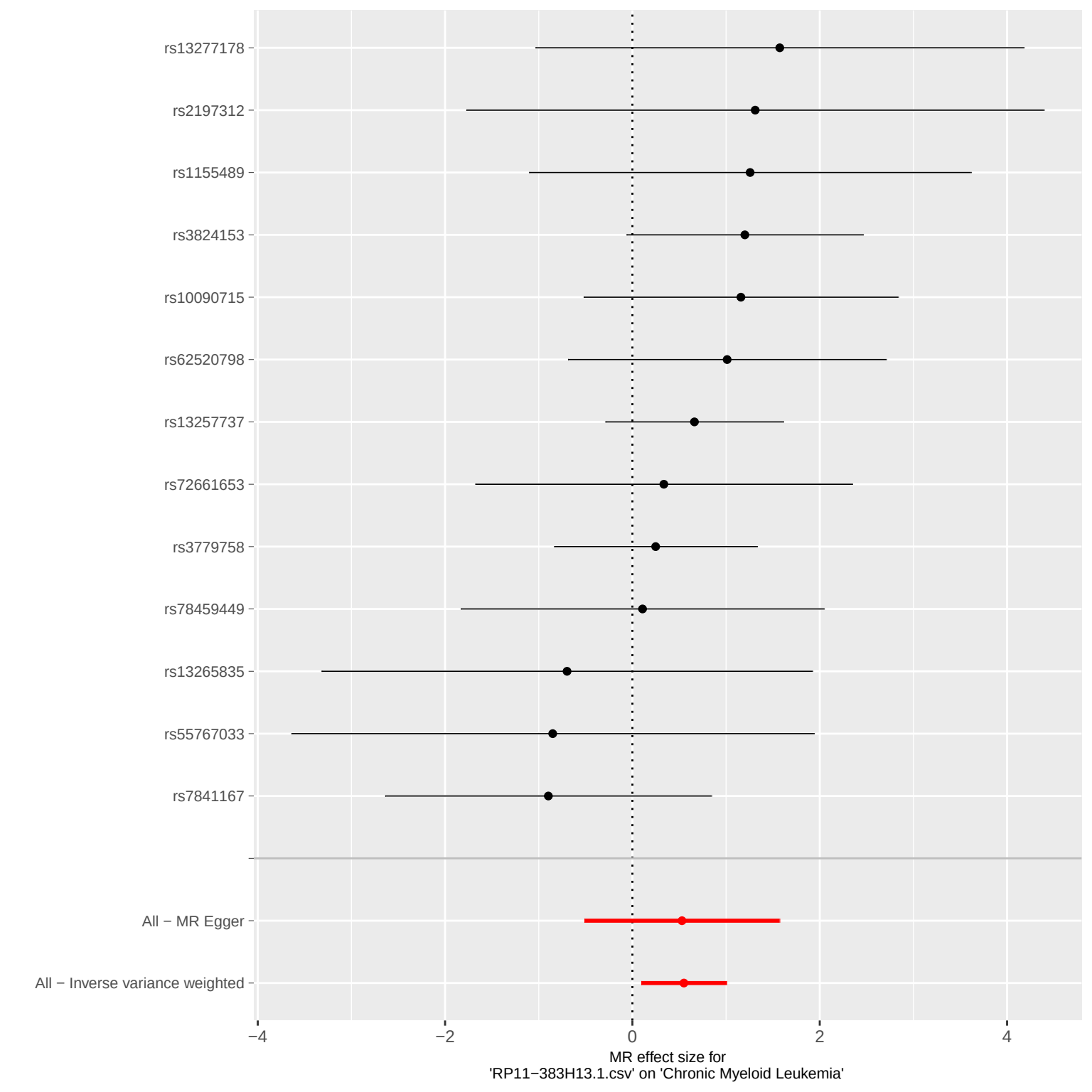
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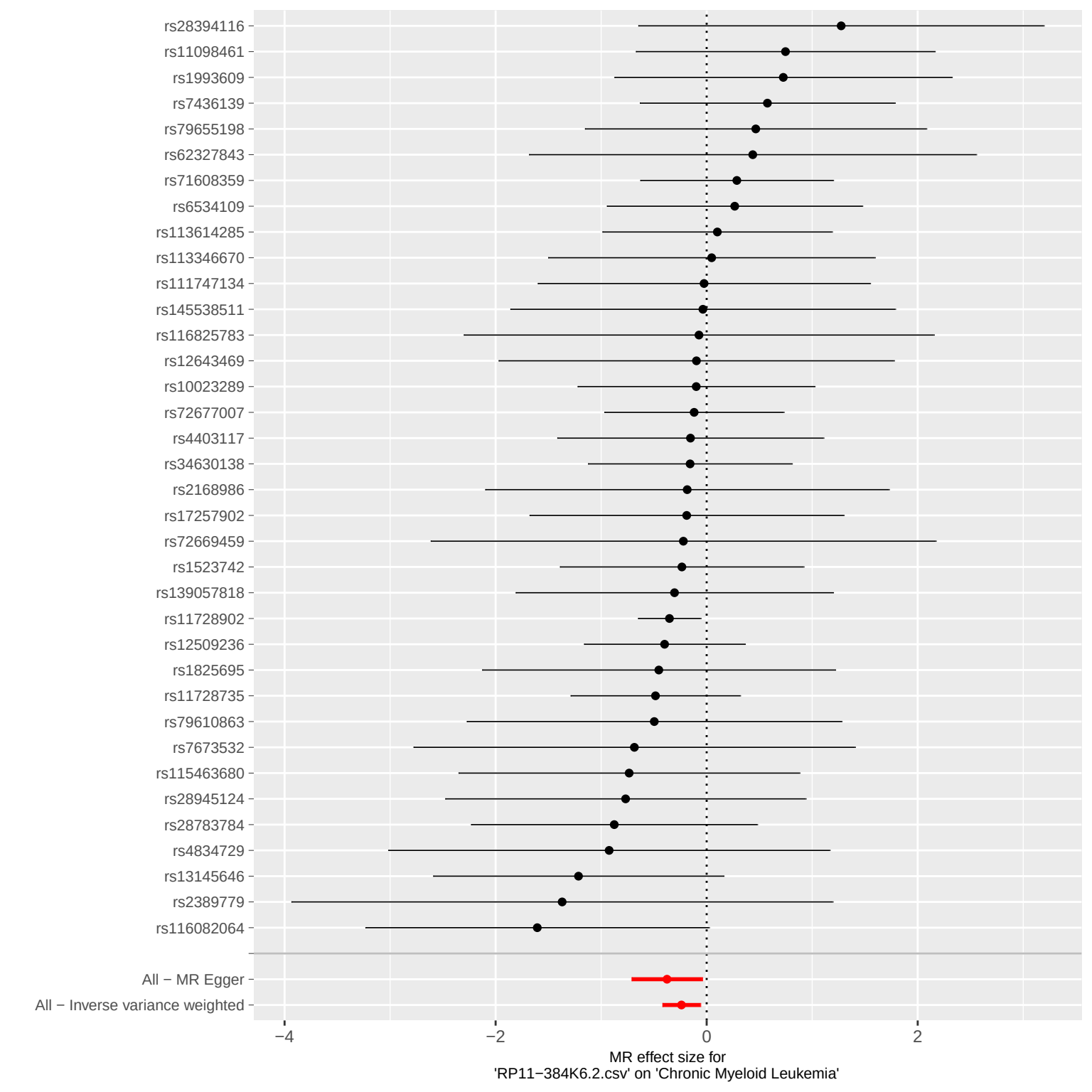
MR effect size for
'RP11−383H13.1.csv' on 'Chronic Myeloid Leukemia'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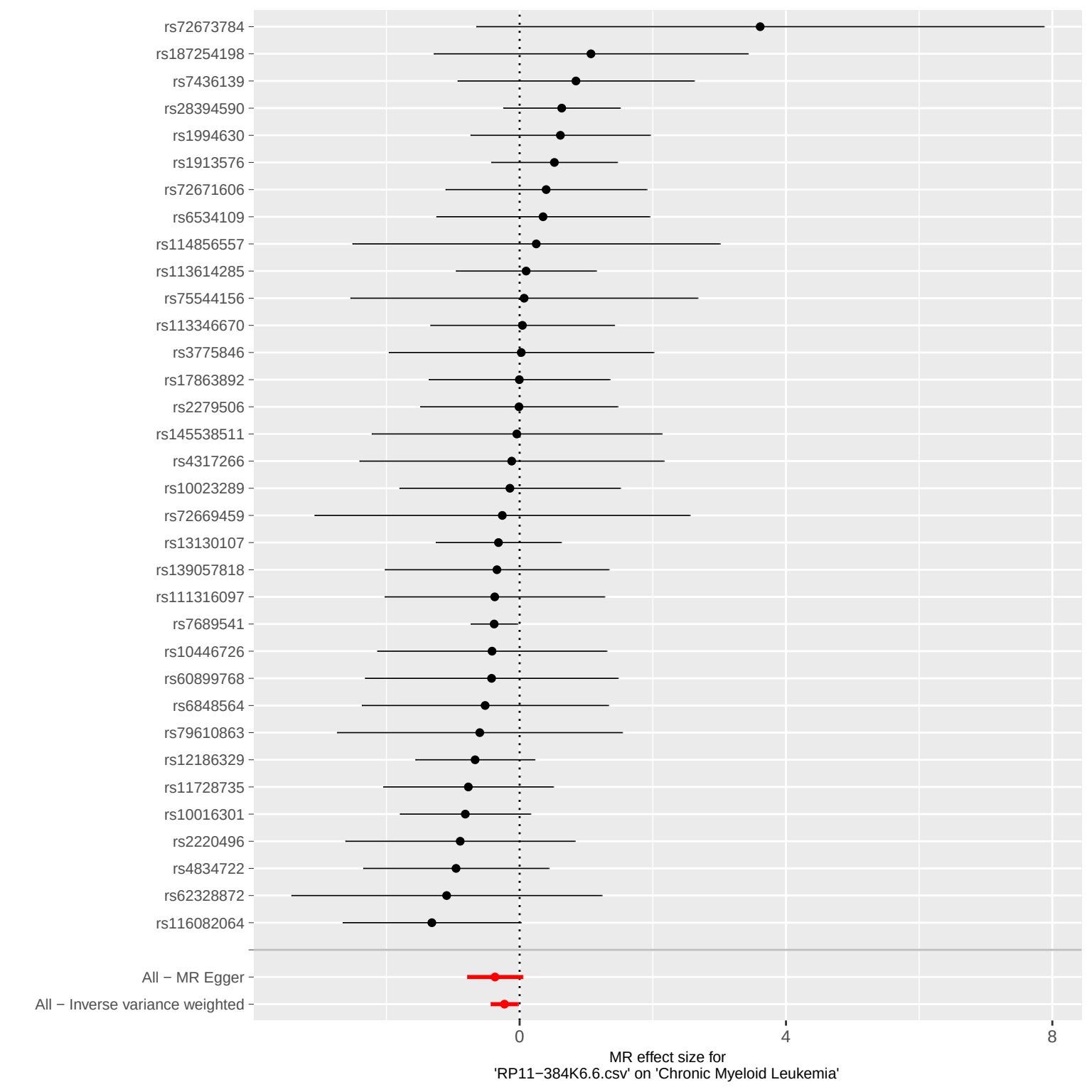
MR effect size for
'RP11−384K6.2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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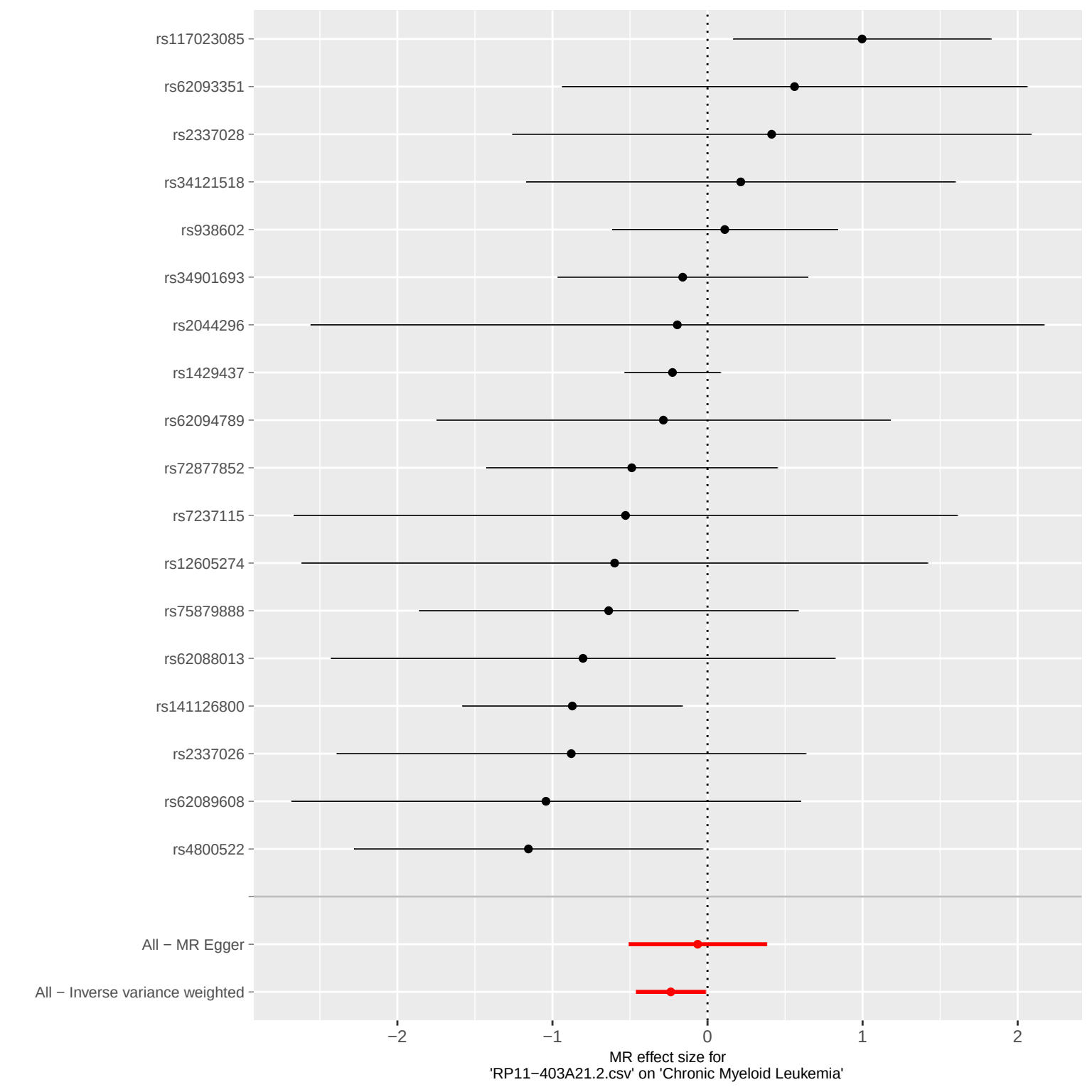
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rs12605274
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rs141126800
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rs62089608
rs4800522
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All − Inverse variance weighted
−2
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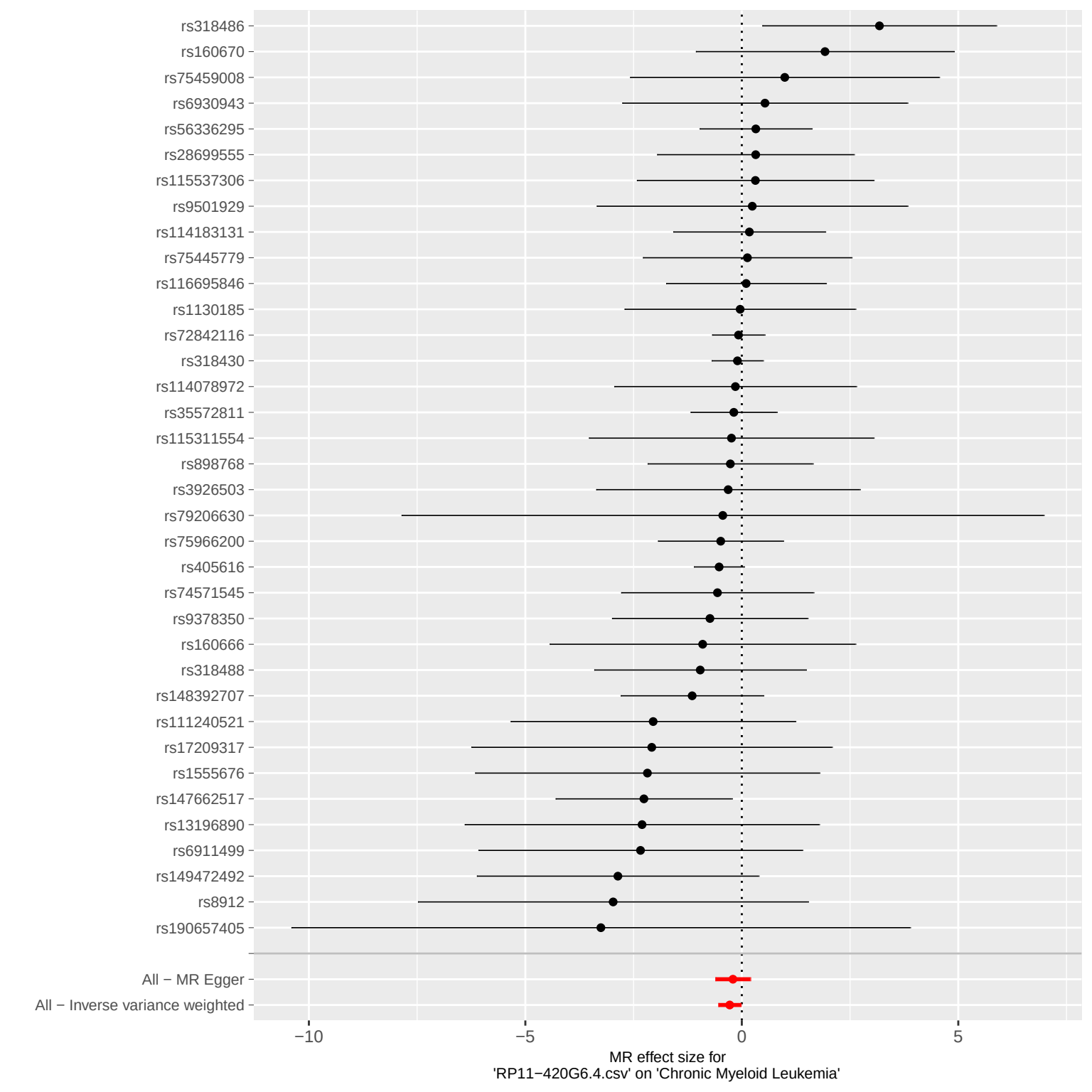
MR effect size for
'RP11−403A21.2.csv' on 'Chronic Myeloid Leukemia'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rs6911499
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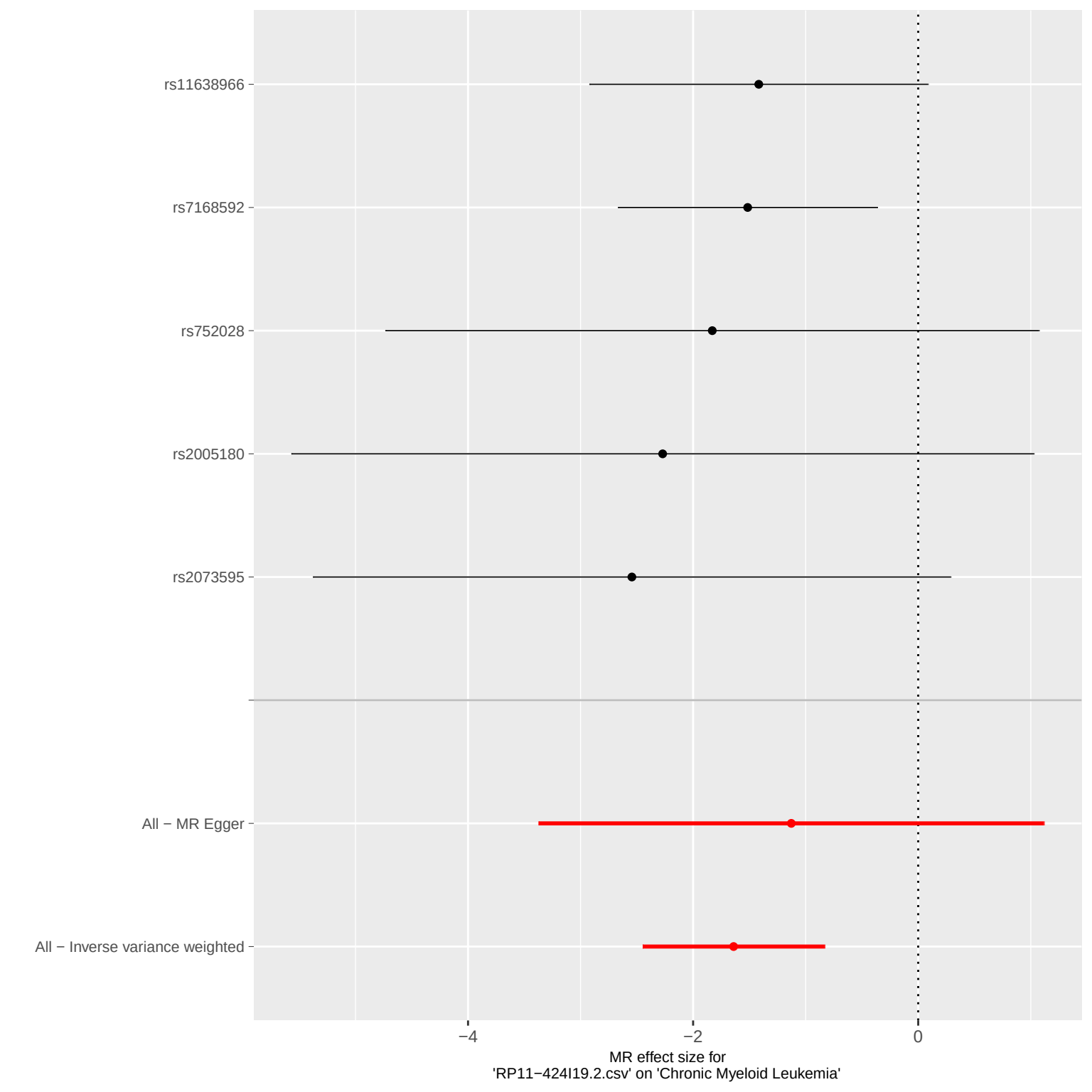
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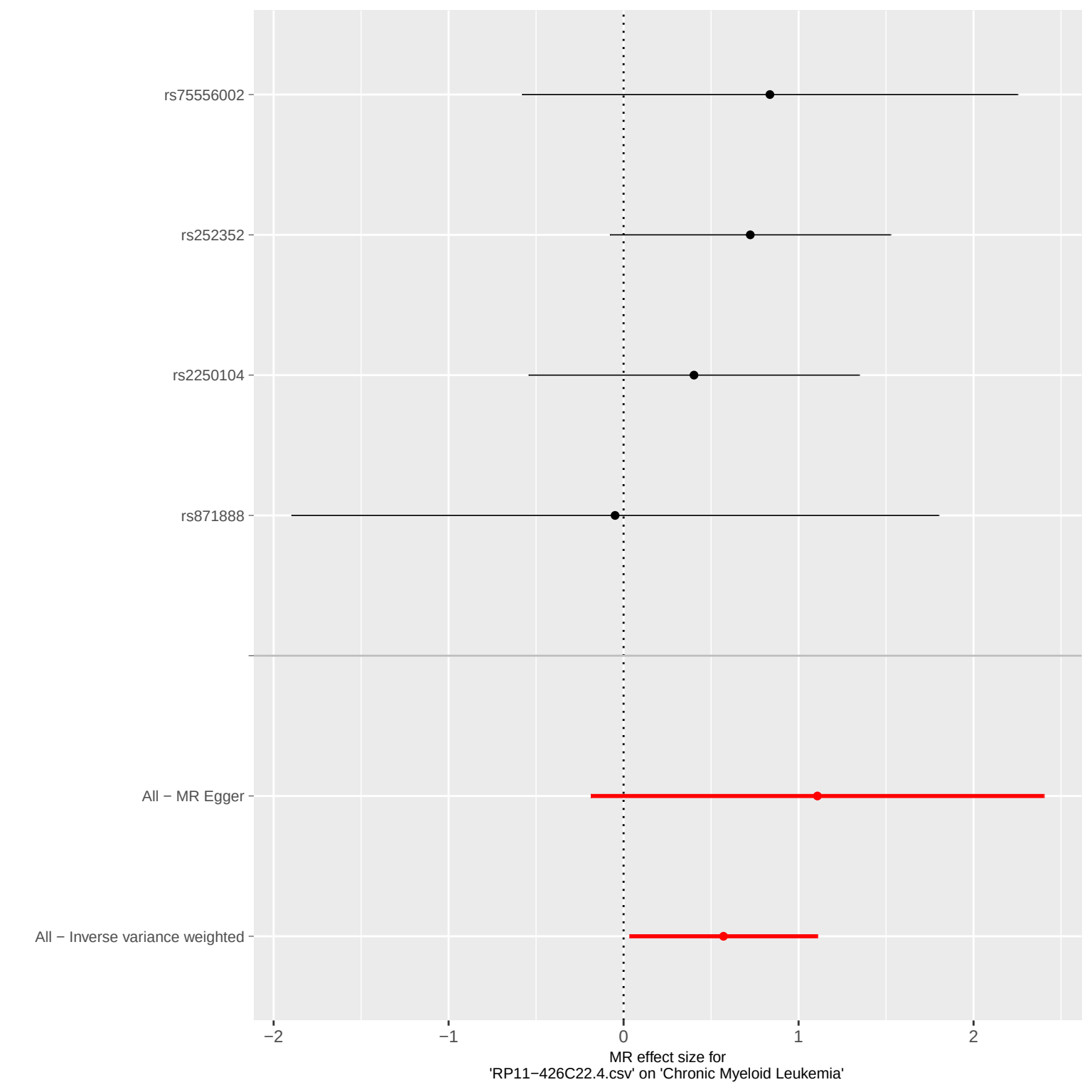
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MR effect size for
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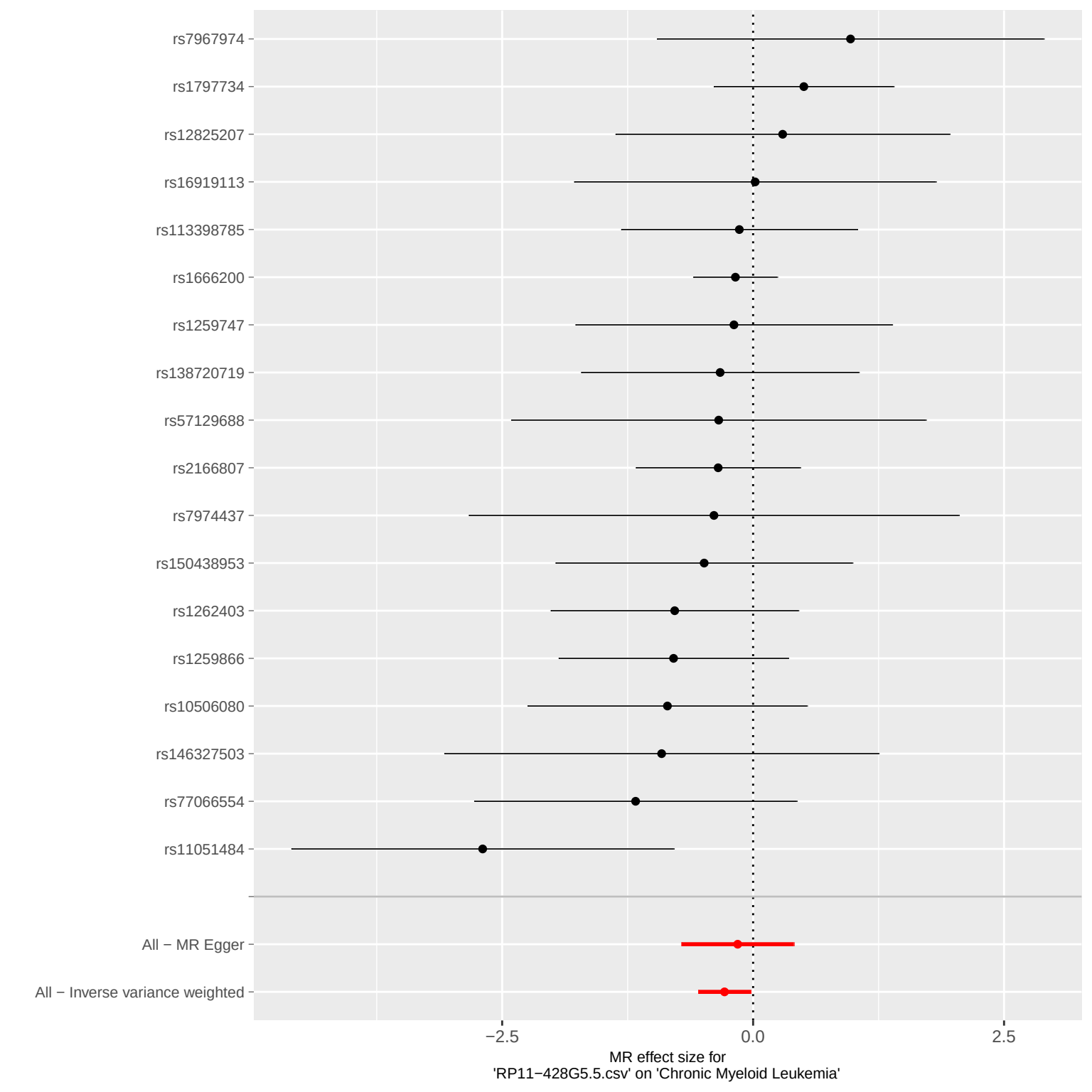
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MR effect size for
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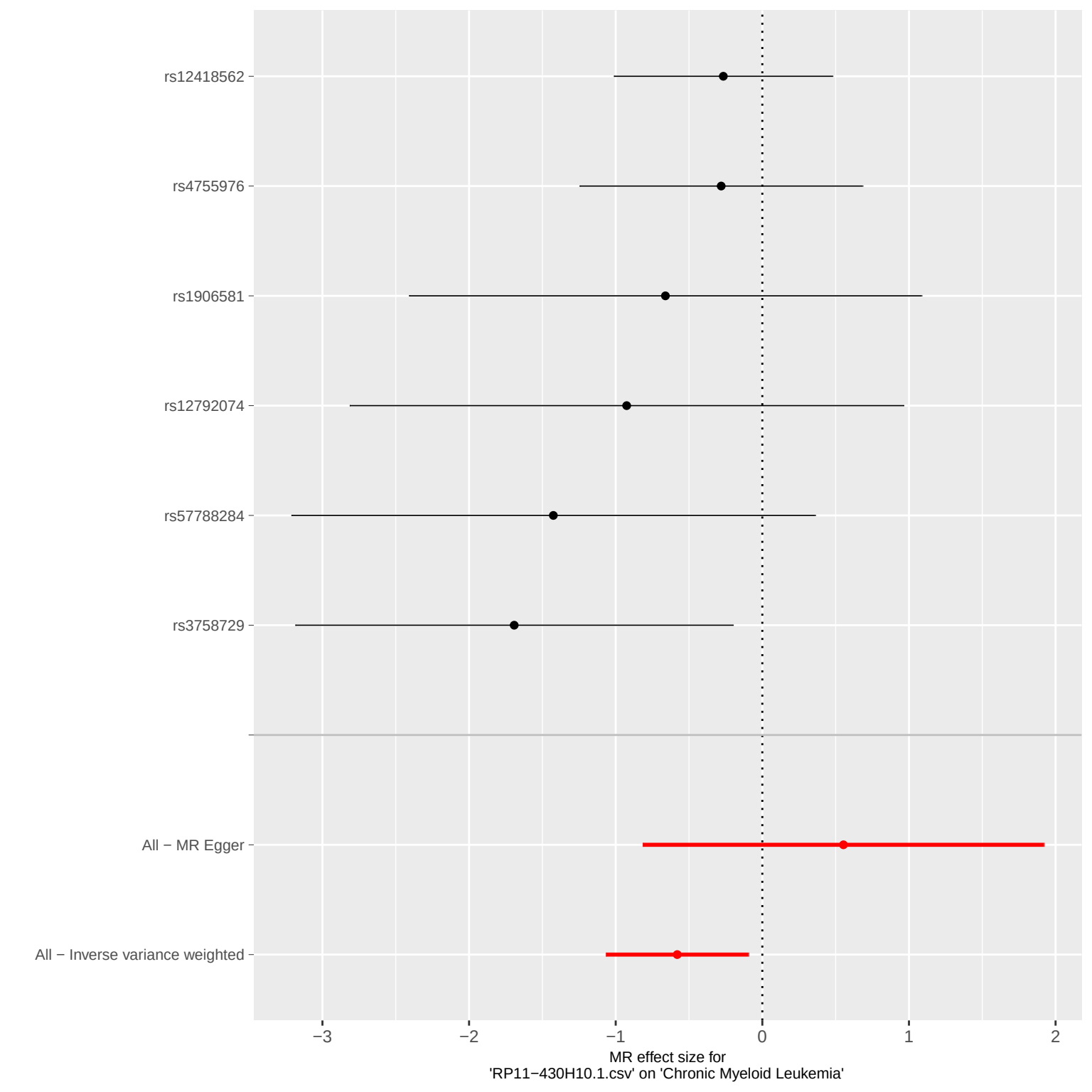
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−2
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0
1
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MR effect size for
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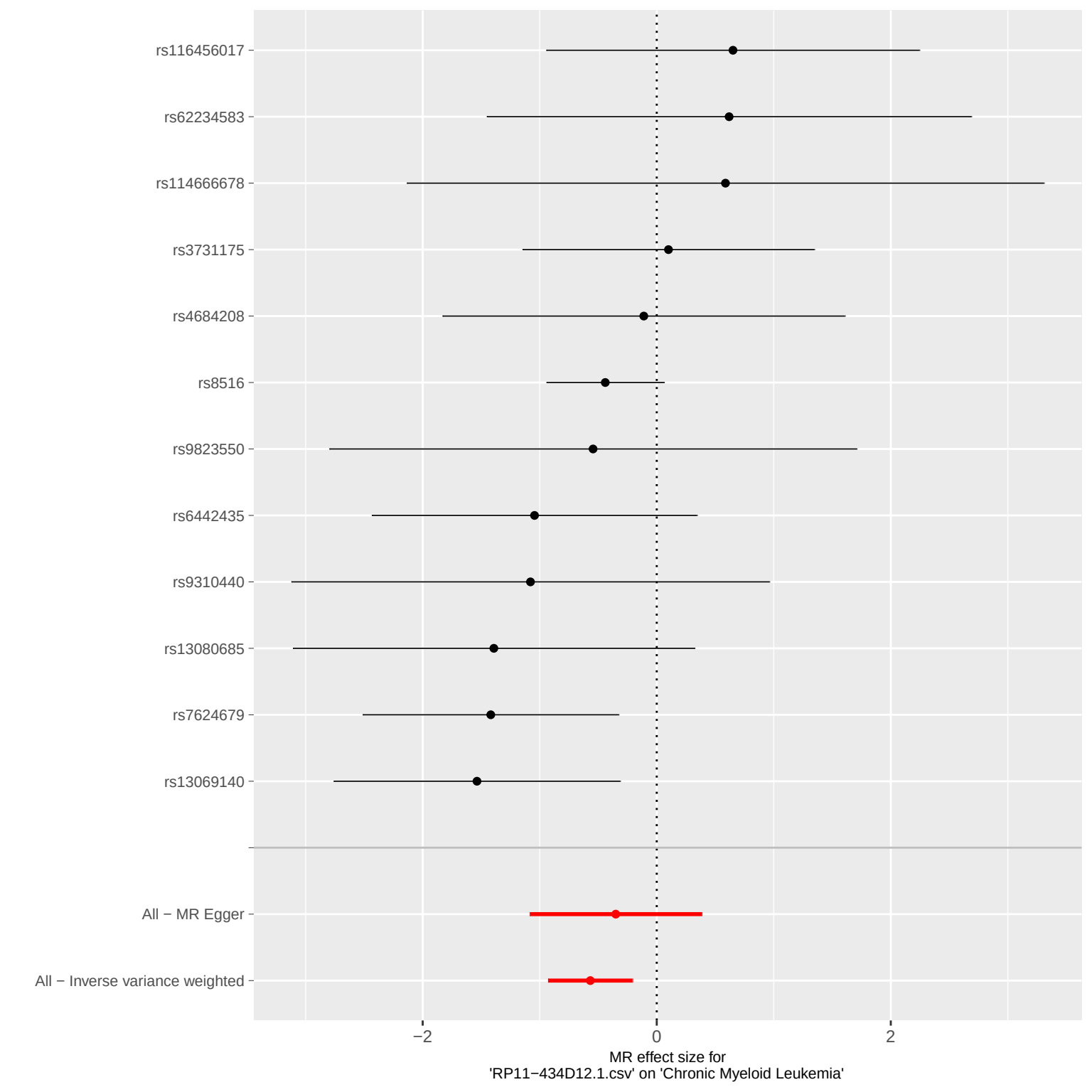
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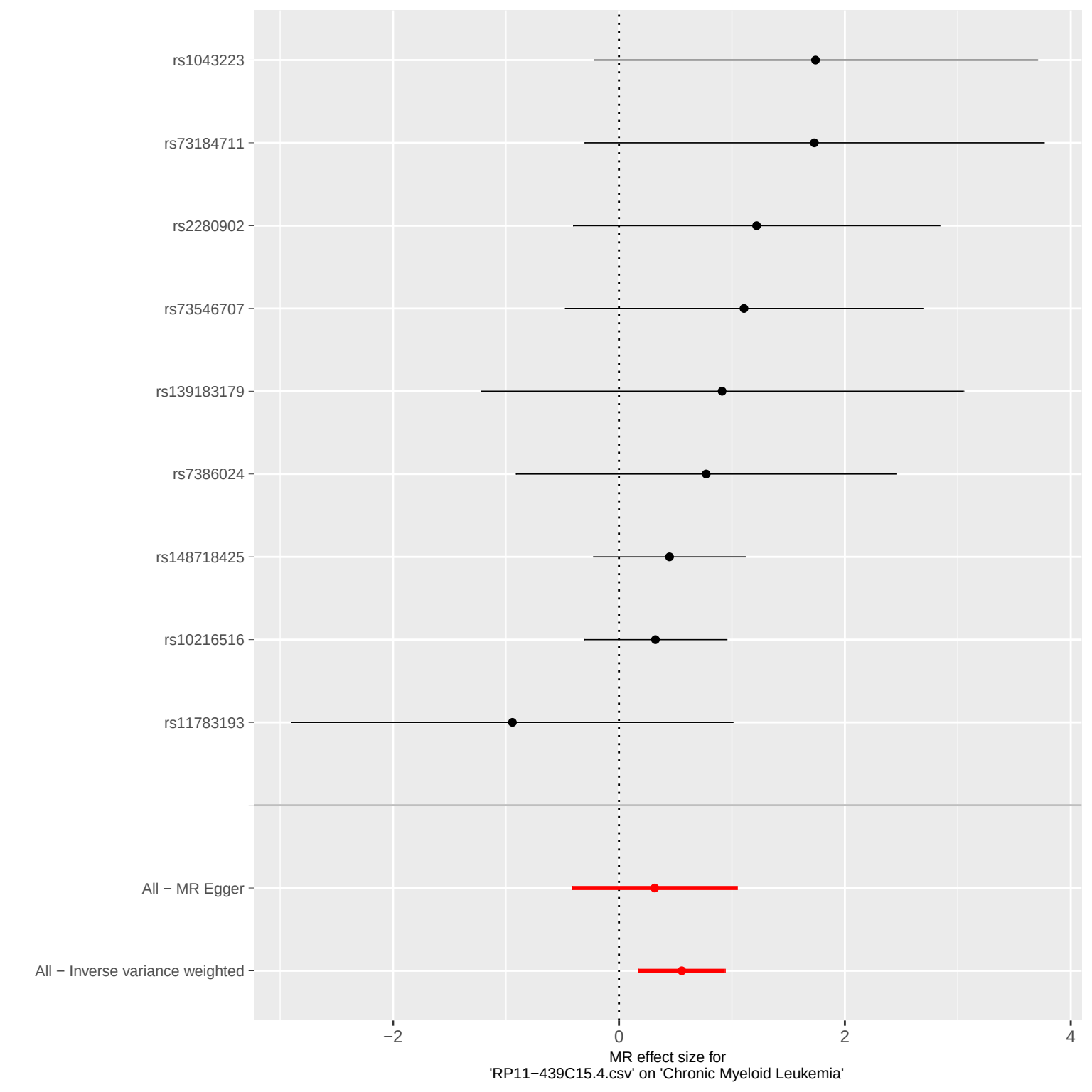
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MR effect size for
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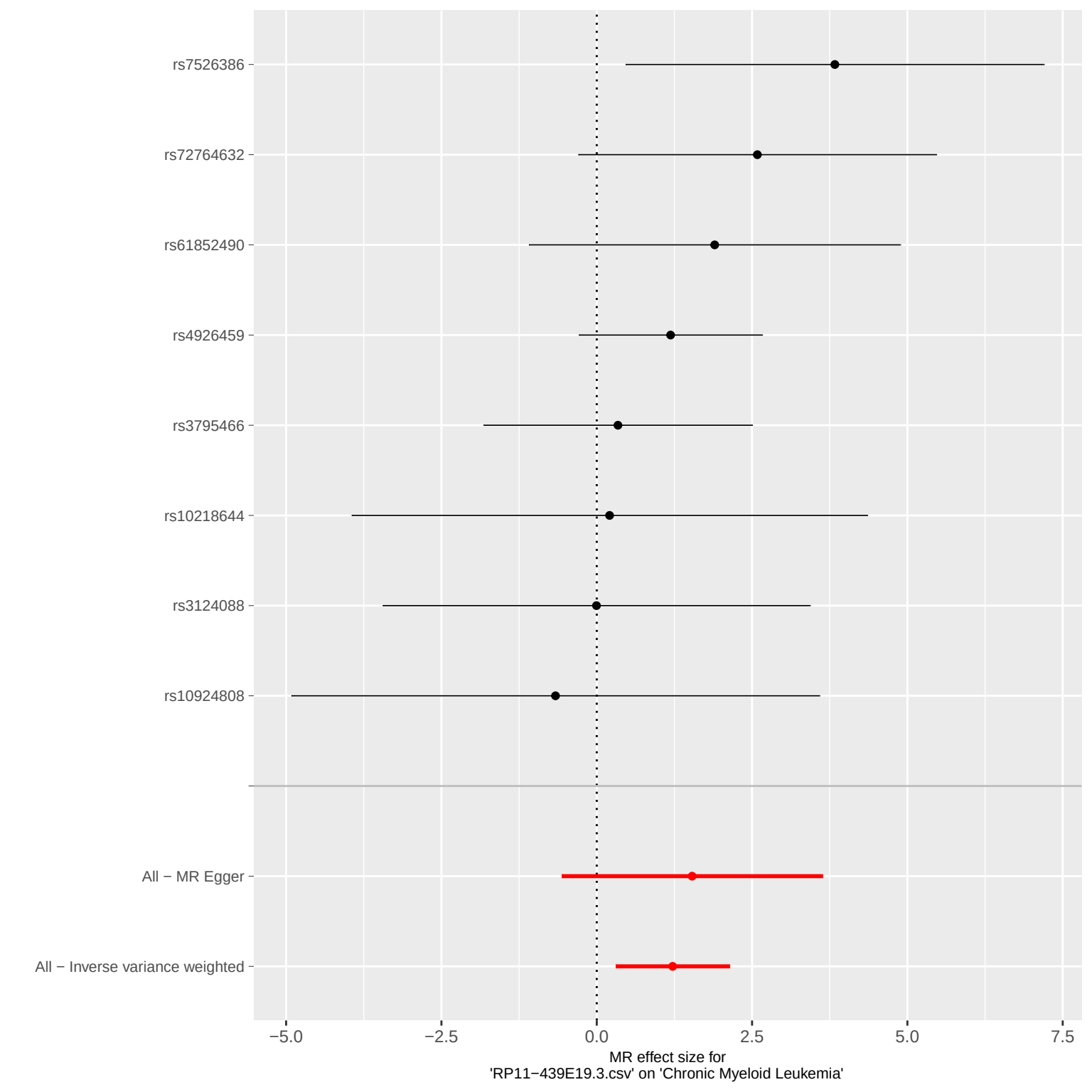
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All − Inverse variance weighted
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5.0
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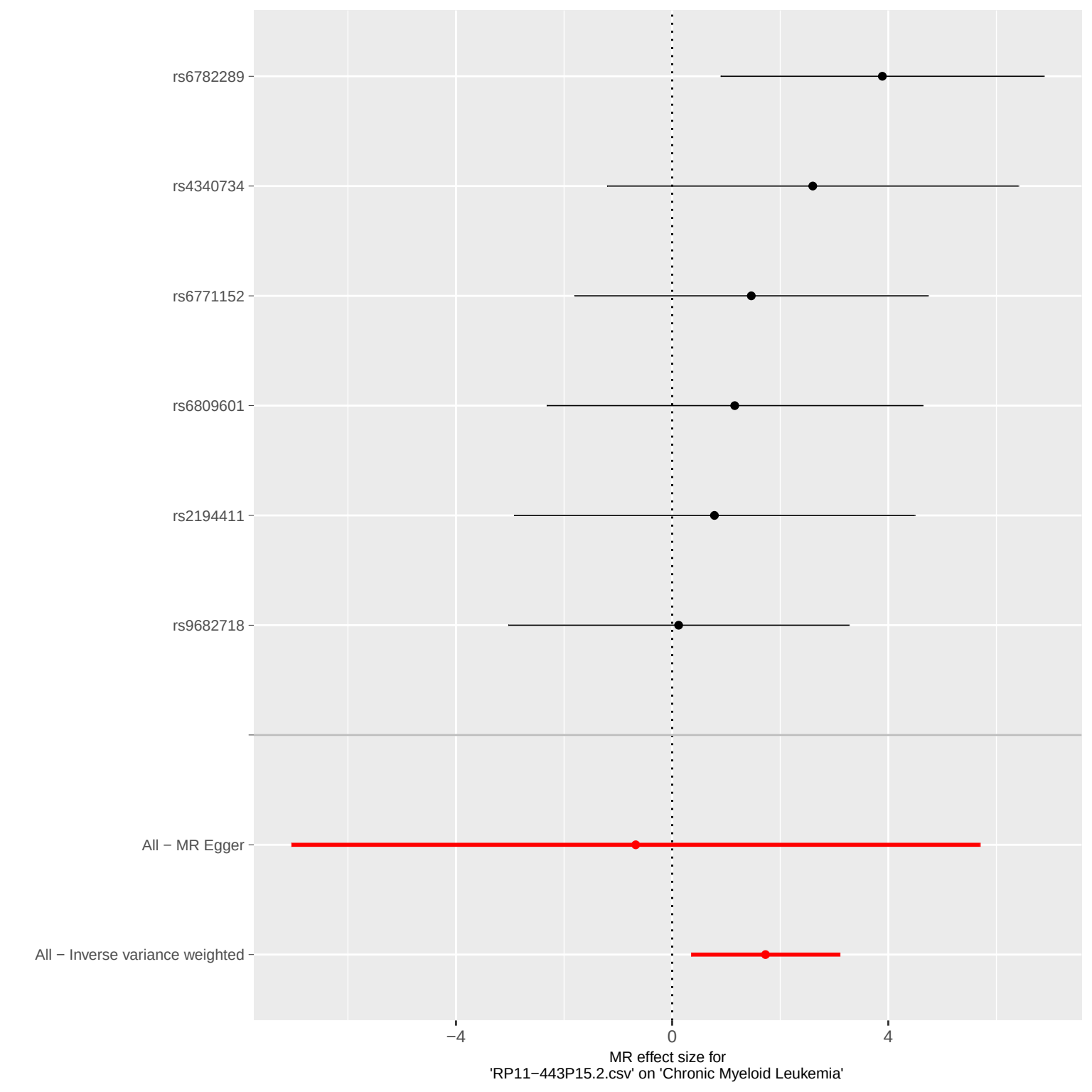
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All − Inverse variance weighted
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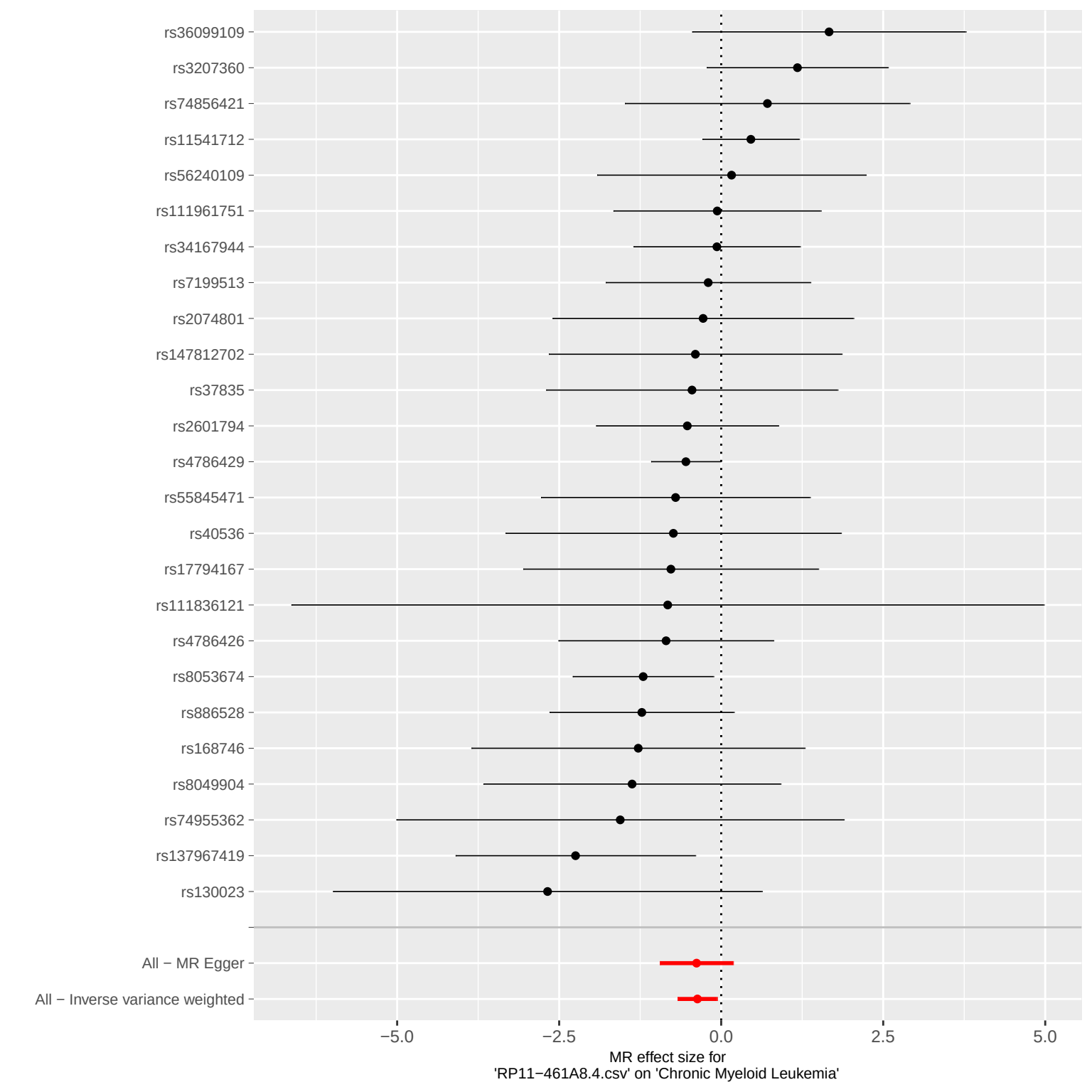
MR effect size for
'RP11−443P15.2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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5.0
MR effect size for
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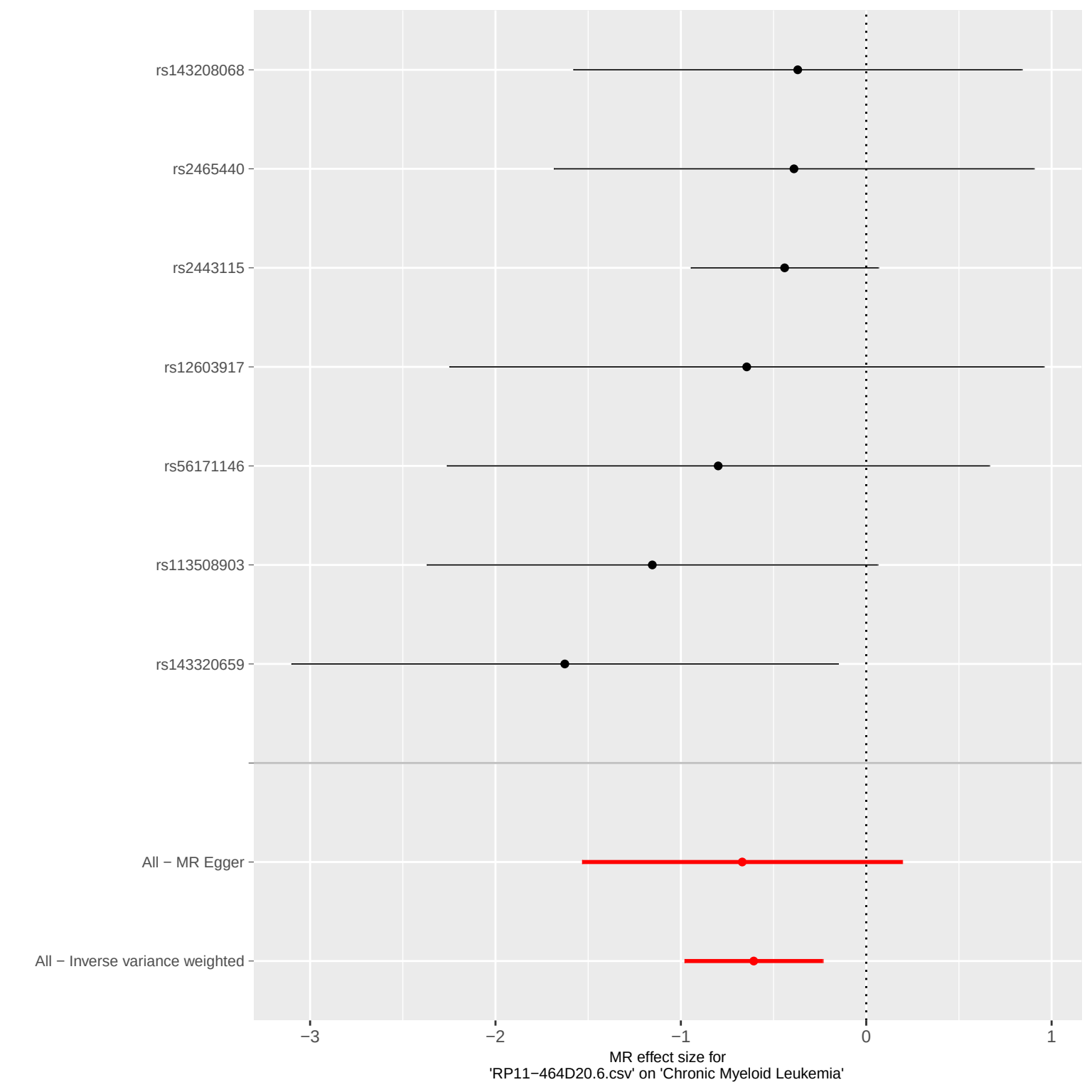
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All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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MR effect size for
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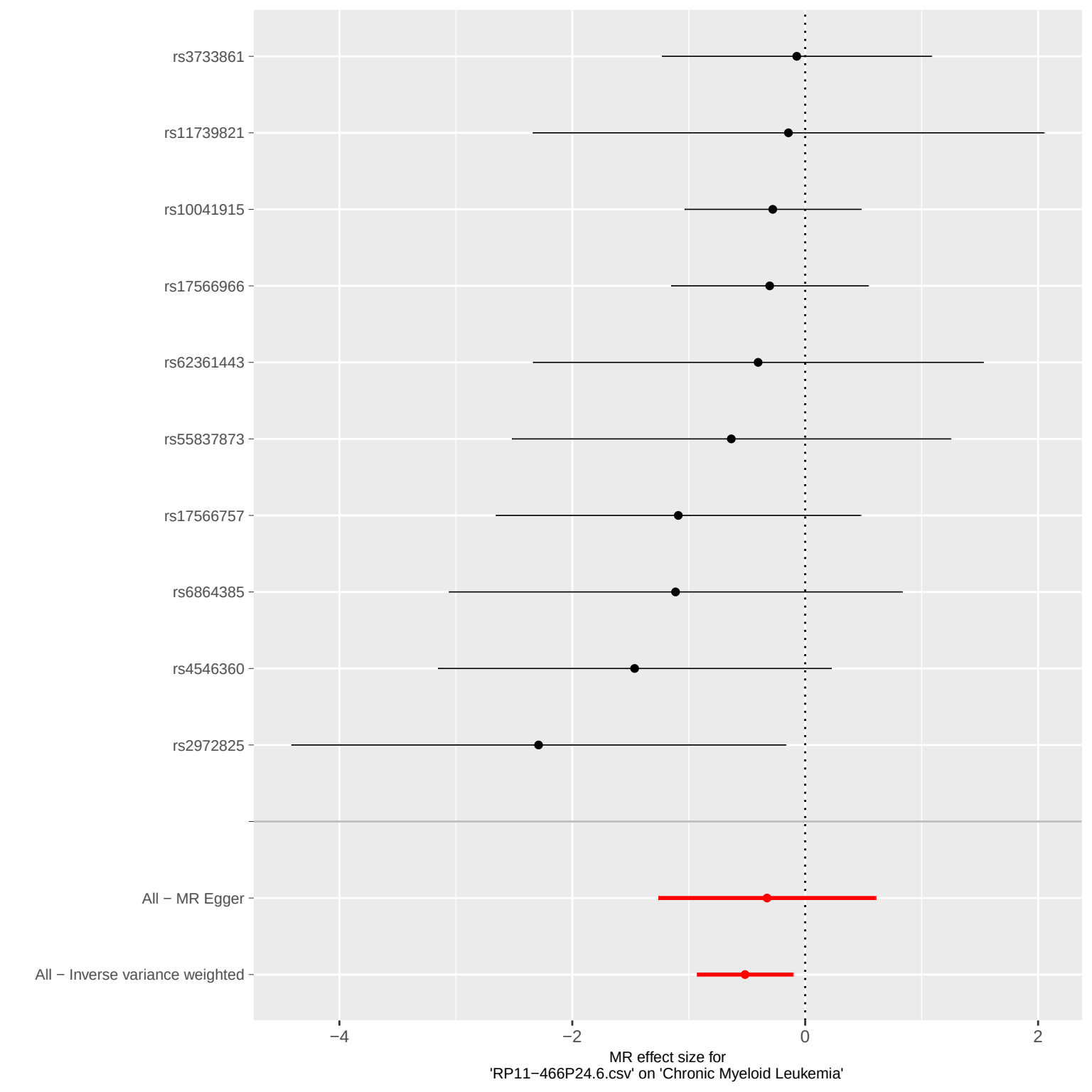
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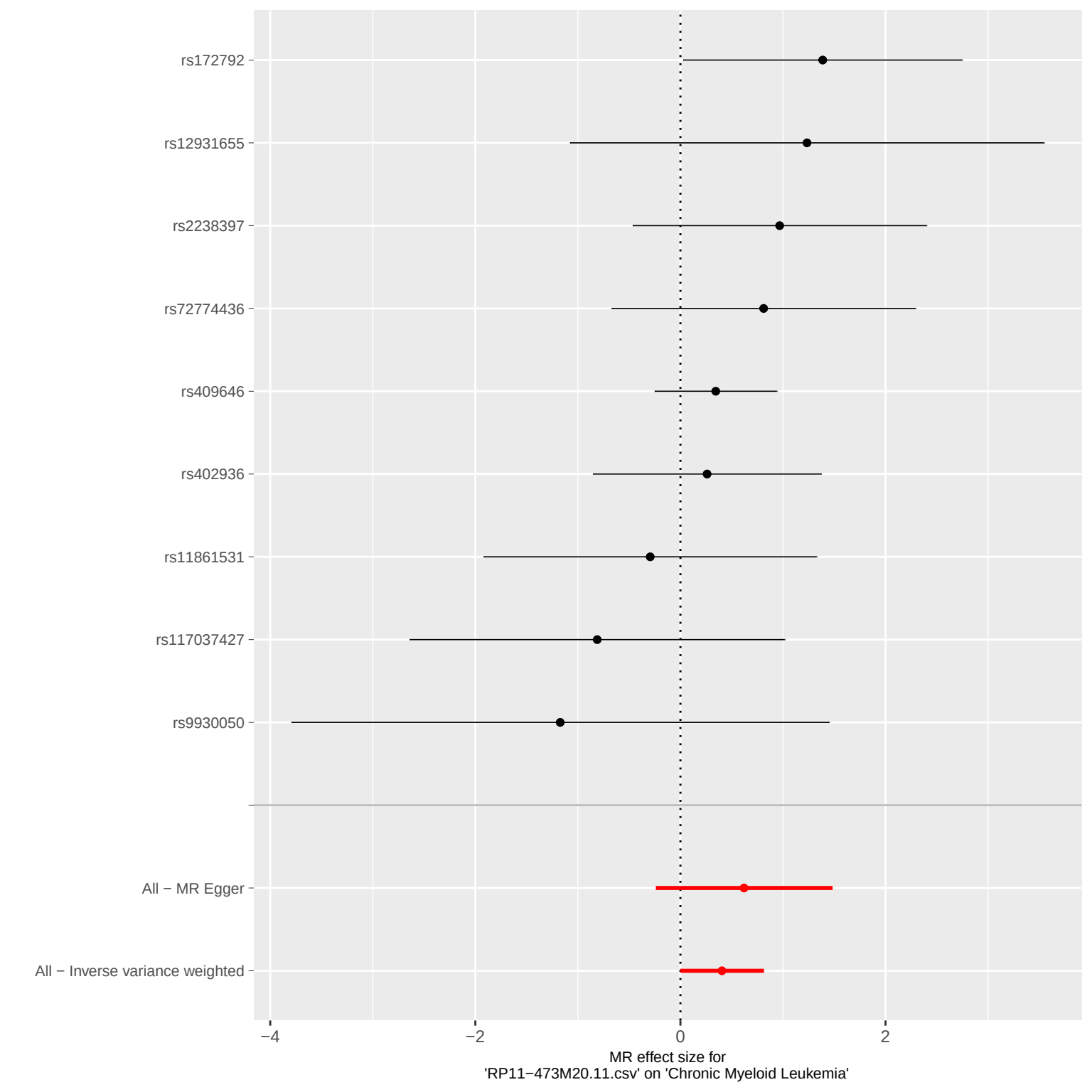
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All − MR Egger
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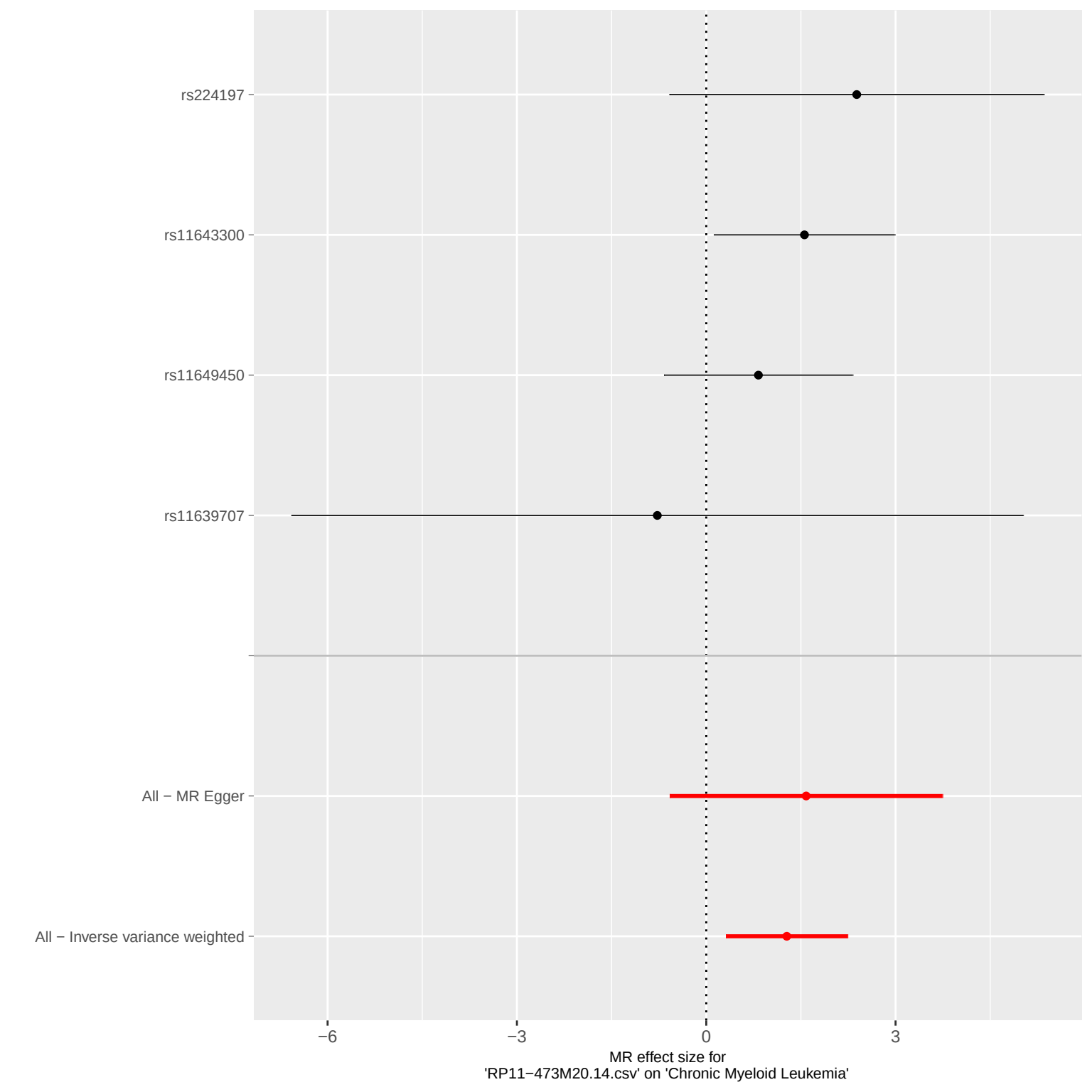
'RP11−473M20.11.csv' on 'Chronic Myeloid Leukemia'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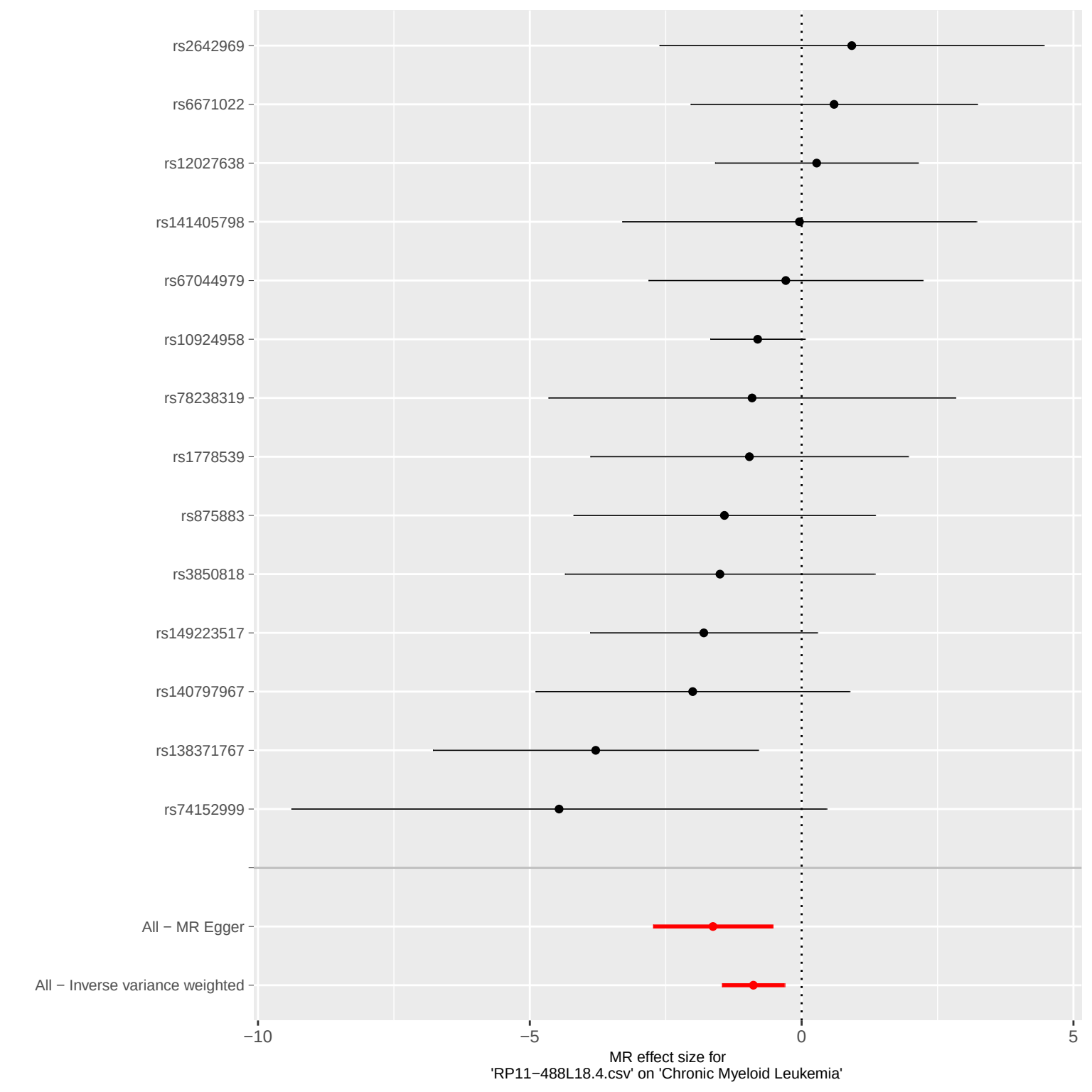
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MR effect size for
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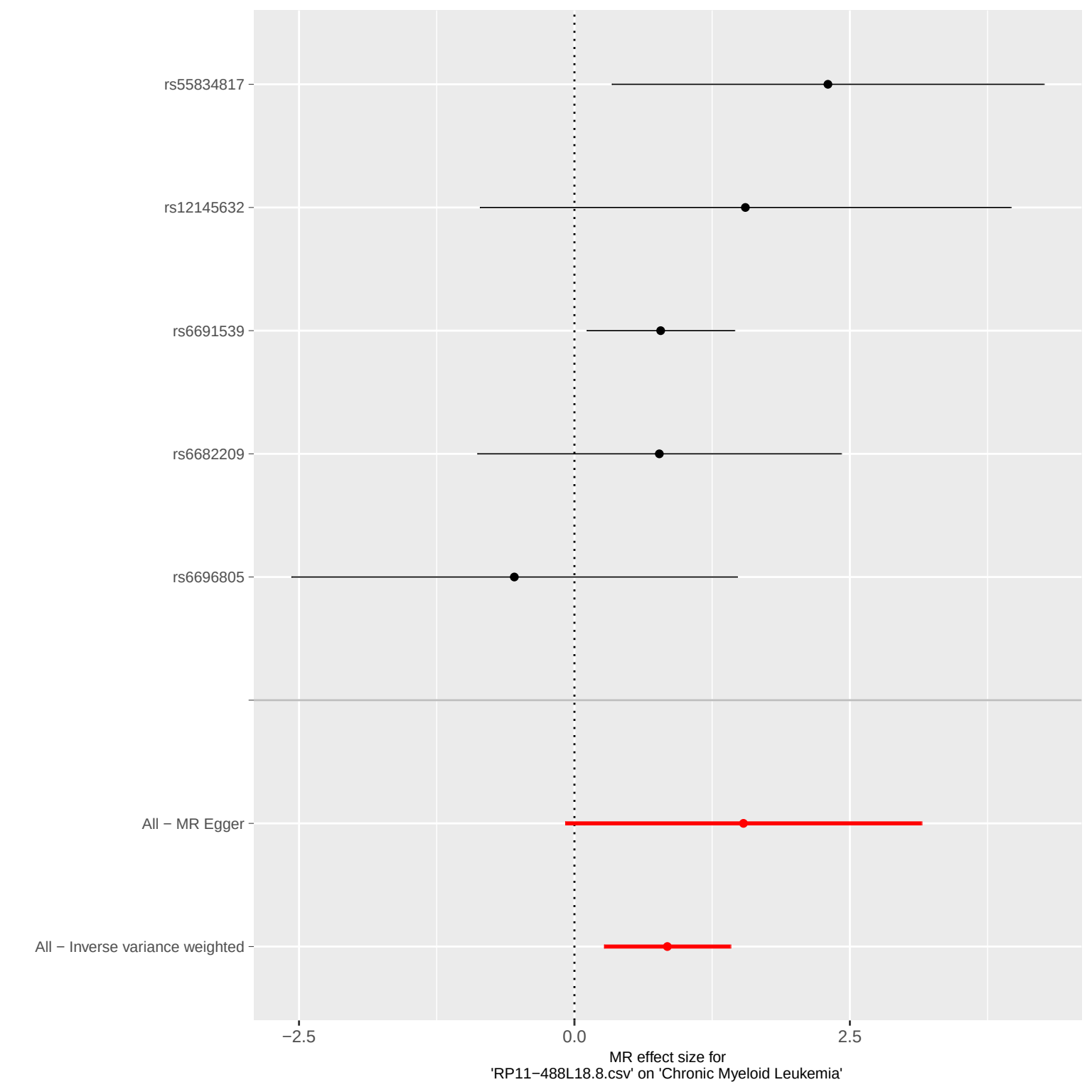
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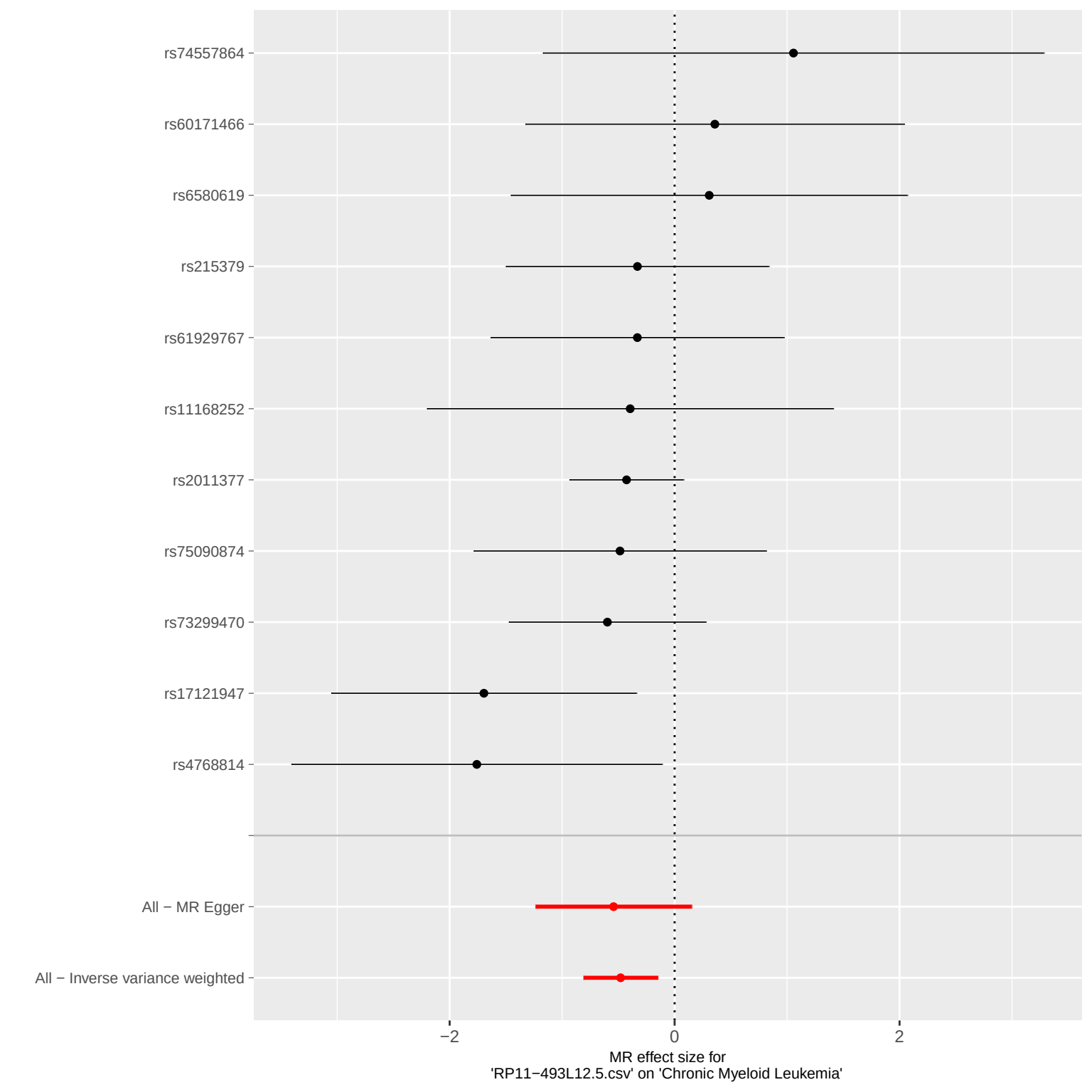
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All − Inverse variance weighted
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MR effect size for
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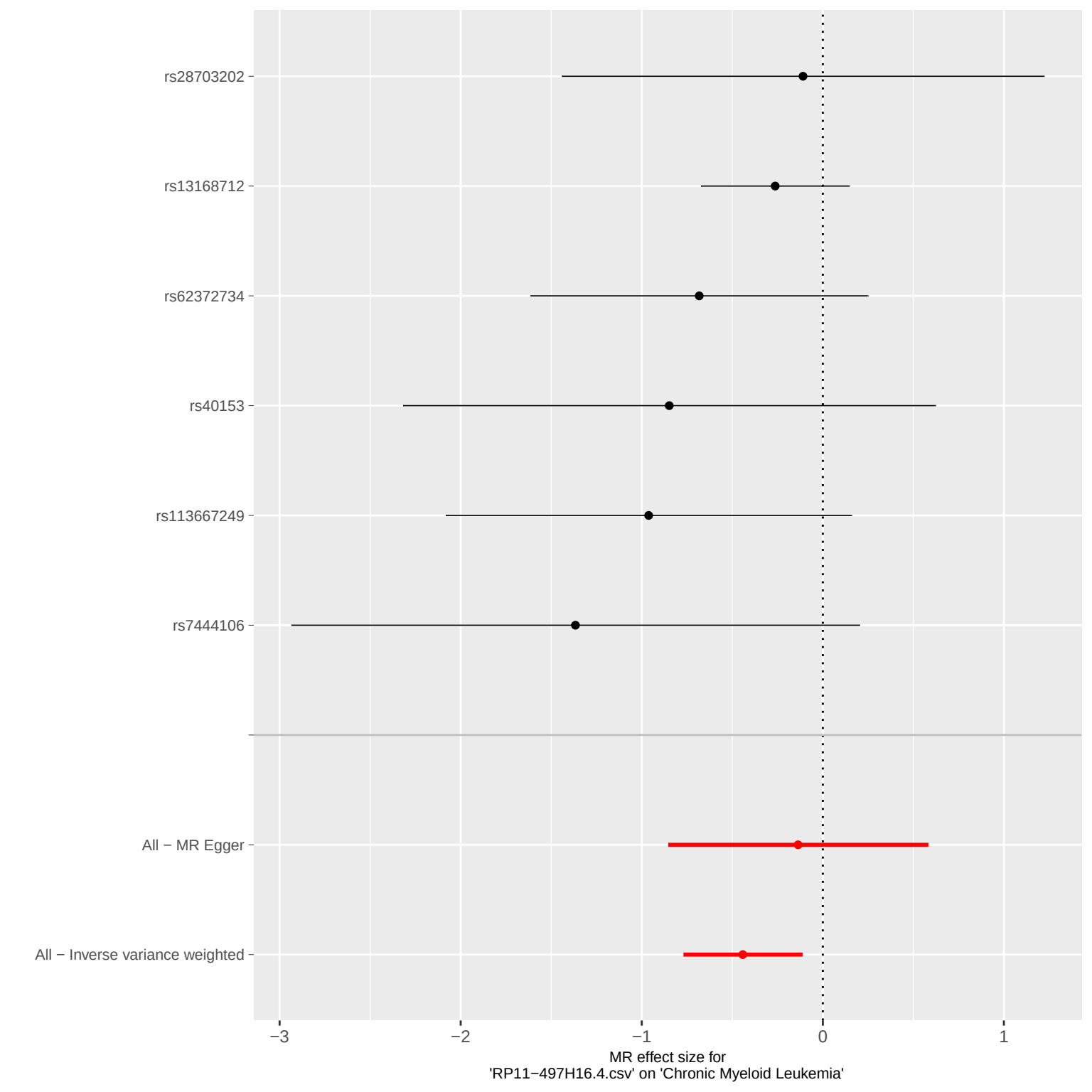
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MR effect size for
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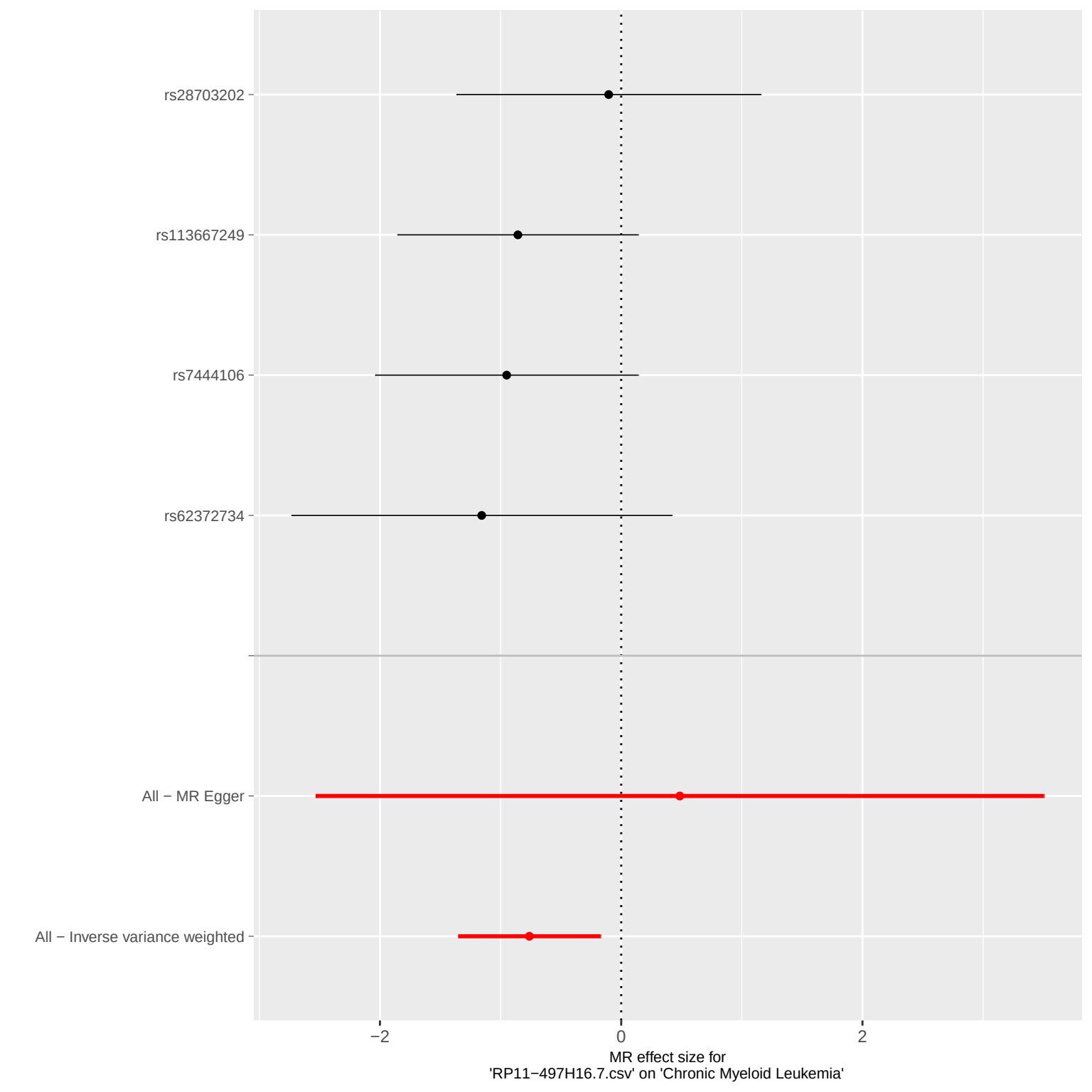
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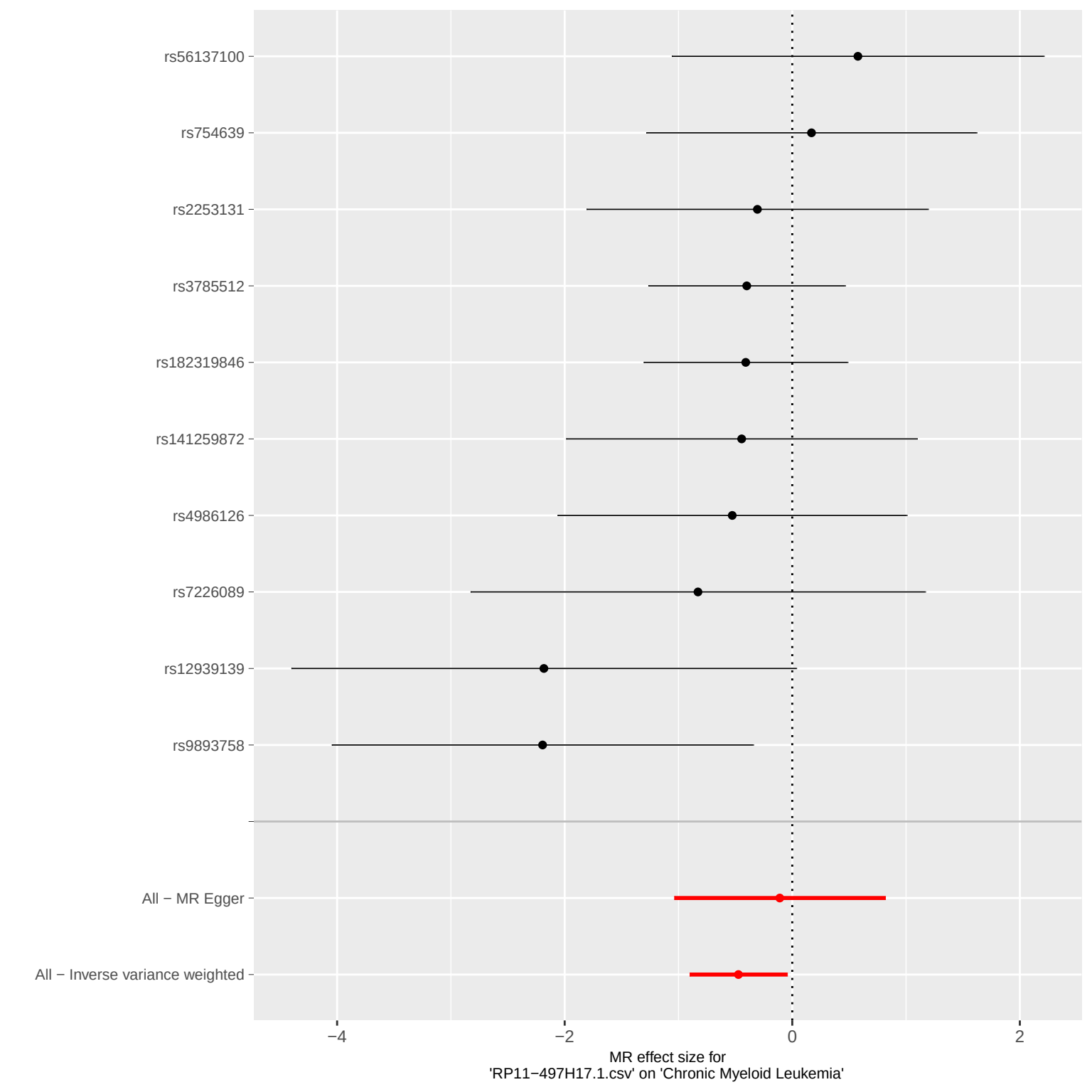
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MR effect size for
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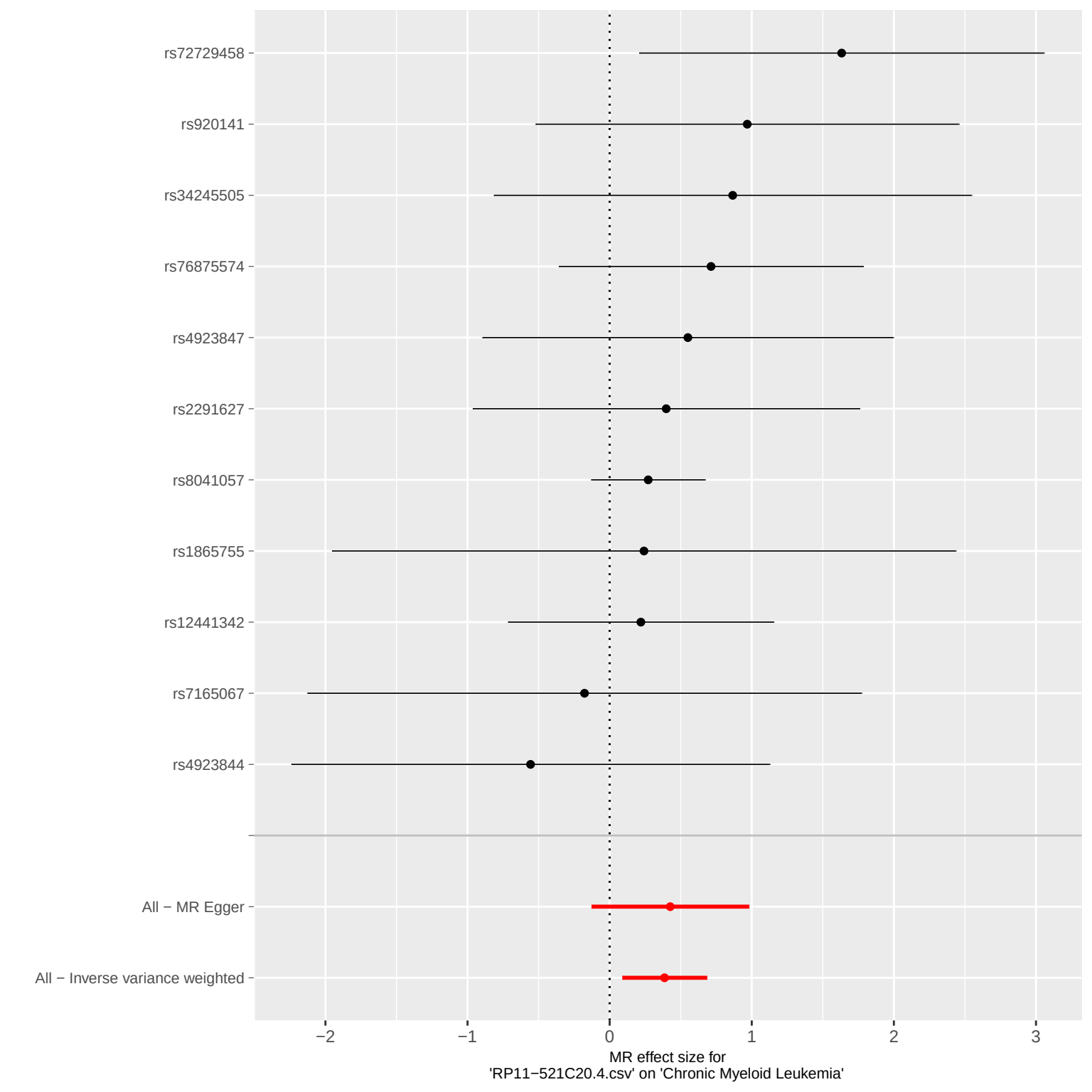
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rs4923844
All − MR Egger
All − Inverse variance weighted
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−1
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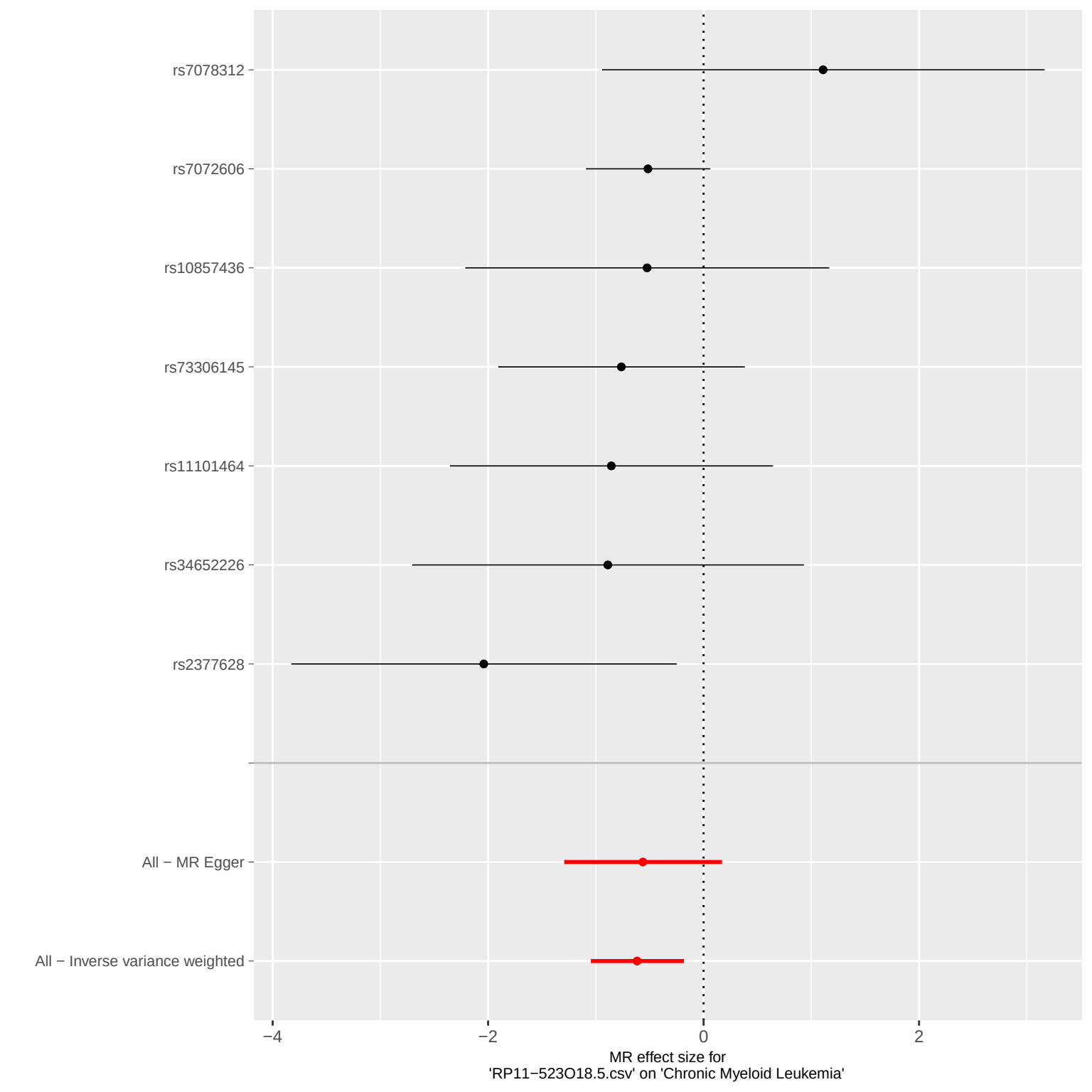
1
2
3
MR effect size for
'RP11−521C20.4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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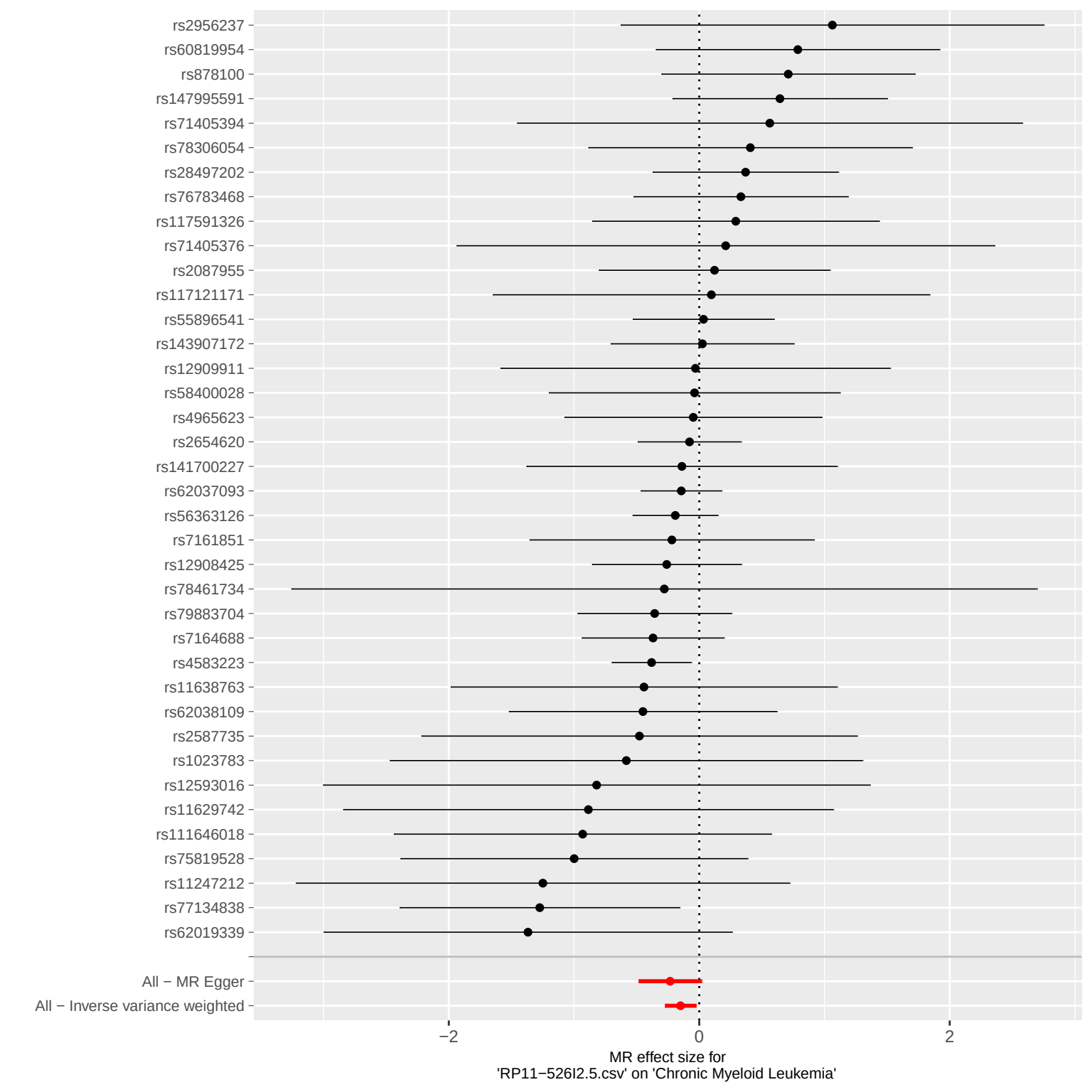
2
MR effect size for
'RP11−523O18.5.csv' on 'Chronic Myeloid Leukemia'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rs62019339
All − MR Egger
All − Inverse variance weighted
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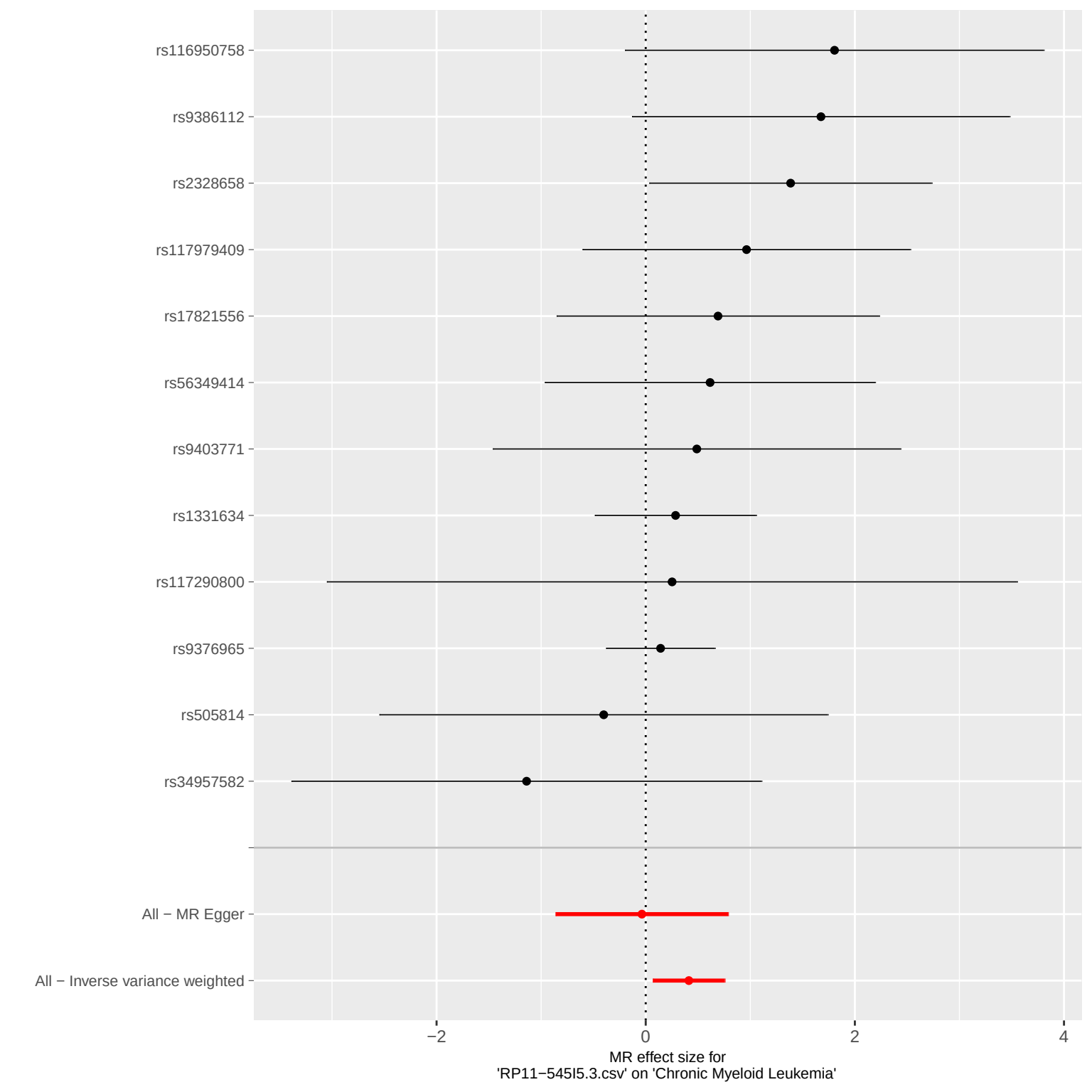
2
MR effect size for
'RP11−526I2.5.csv' on 'Chronic Myeloid Leukemia'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rs9376965
rs505814
rs34957582
All − MR Egger
All − Inverse variance weighted
−2
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MR effect size for
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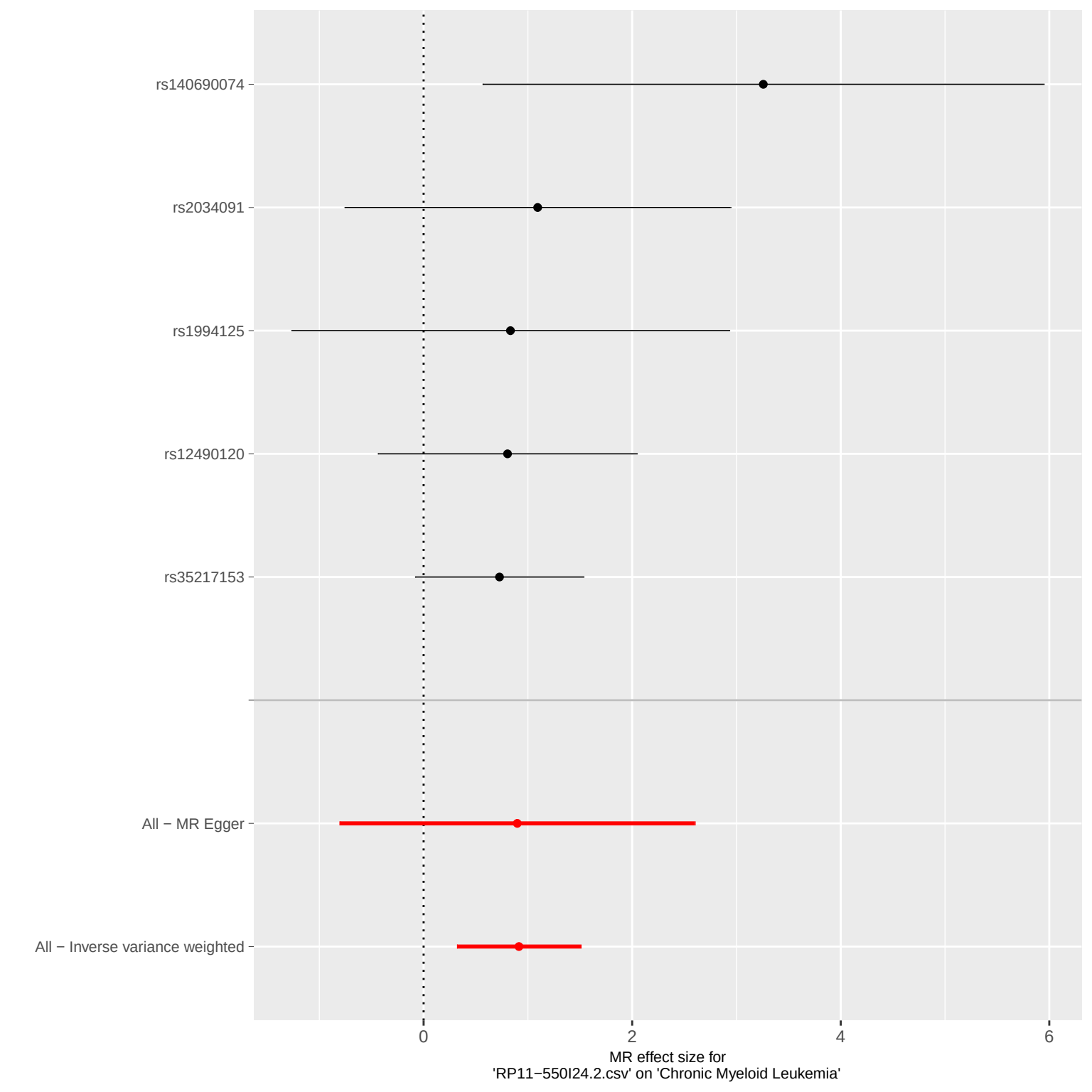
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All − Inverse variance weighted
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MR effect size for
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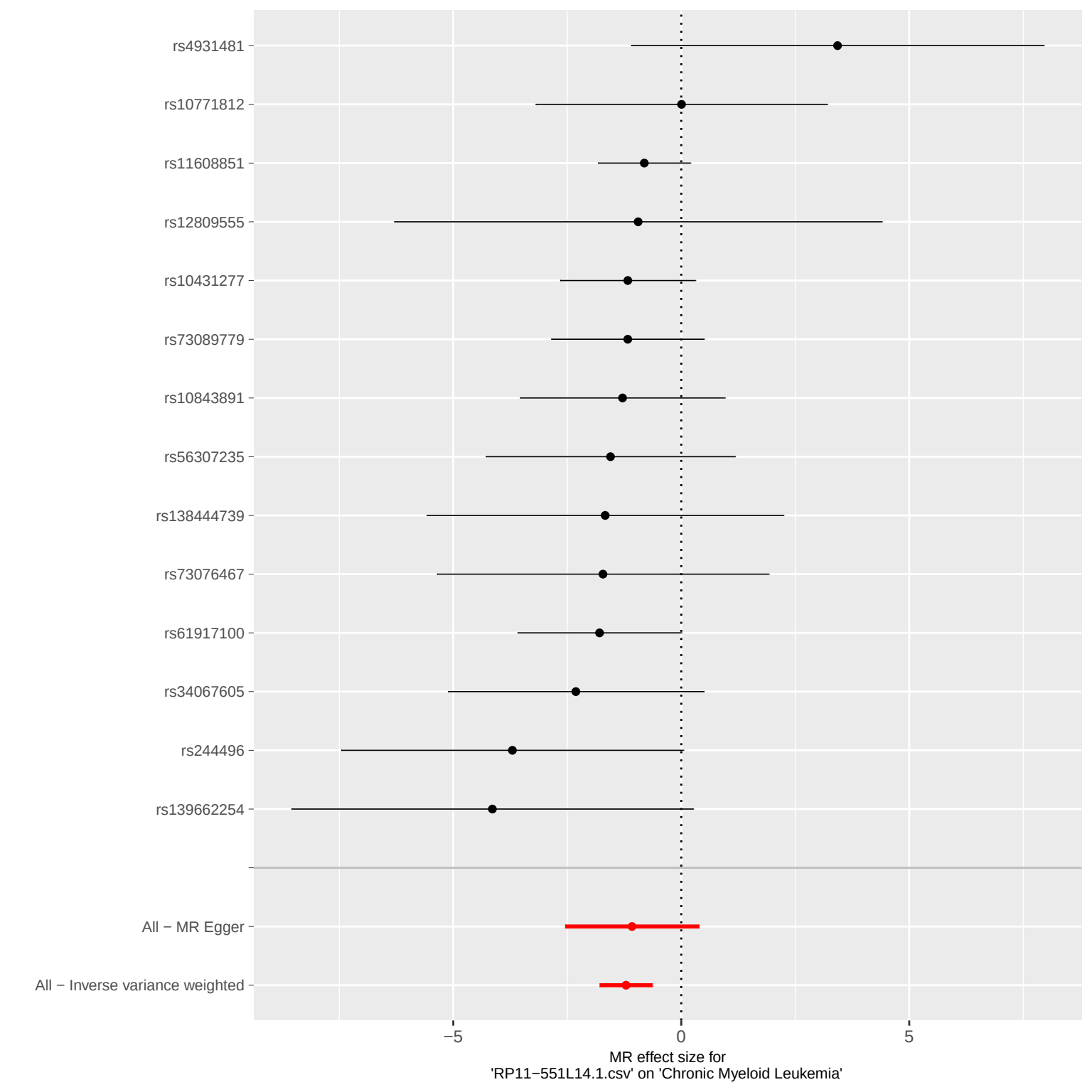
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rs61917100
rs34067605
rs244496
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All − MR Egger
All − Inverse variance weighted
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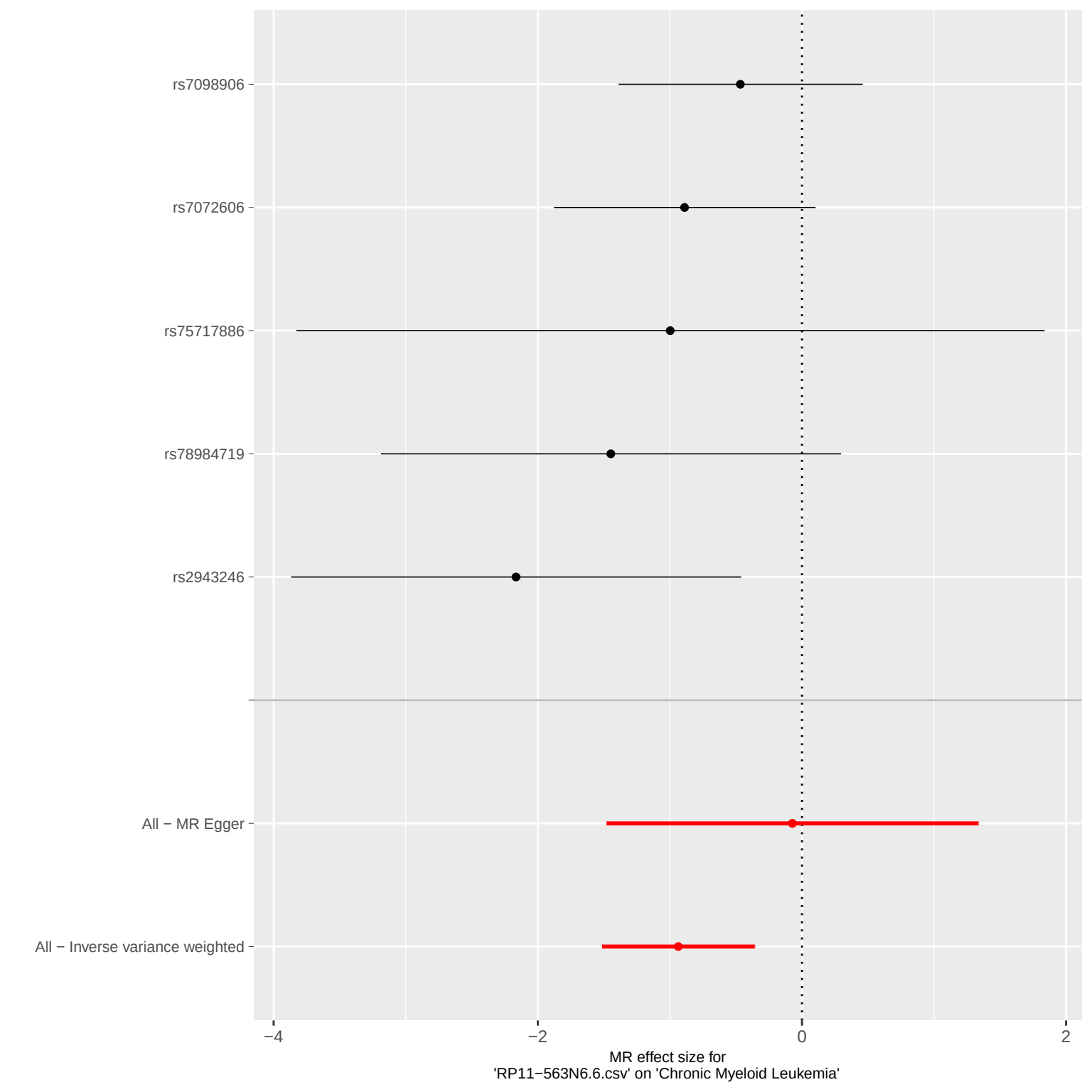
MR effect size for
'RP11−551L14.1.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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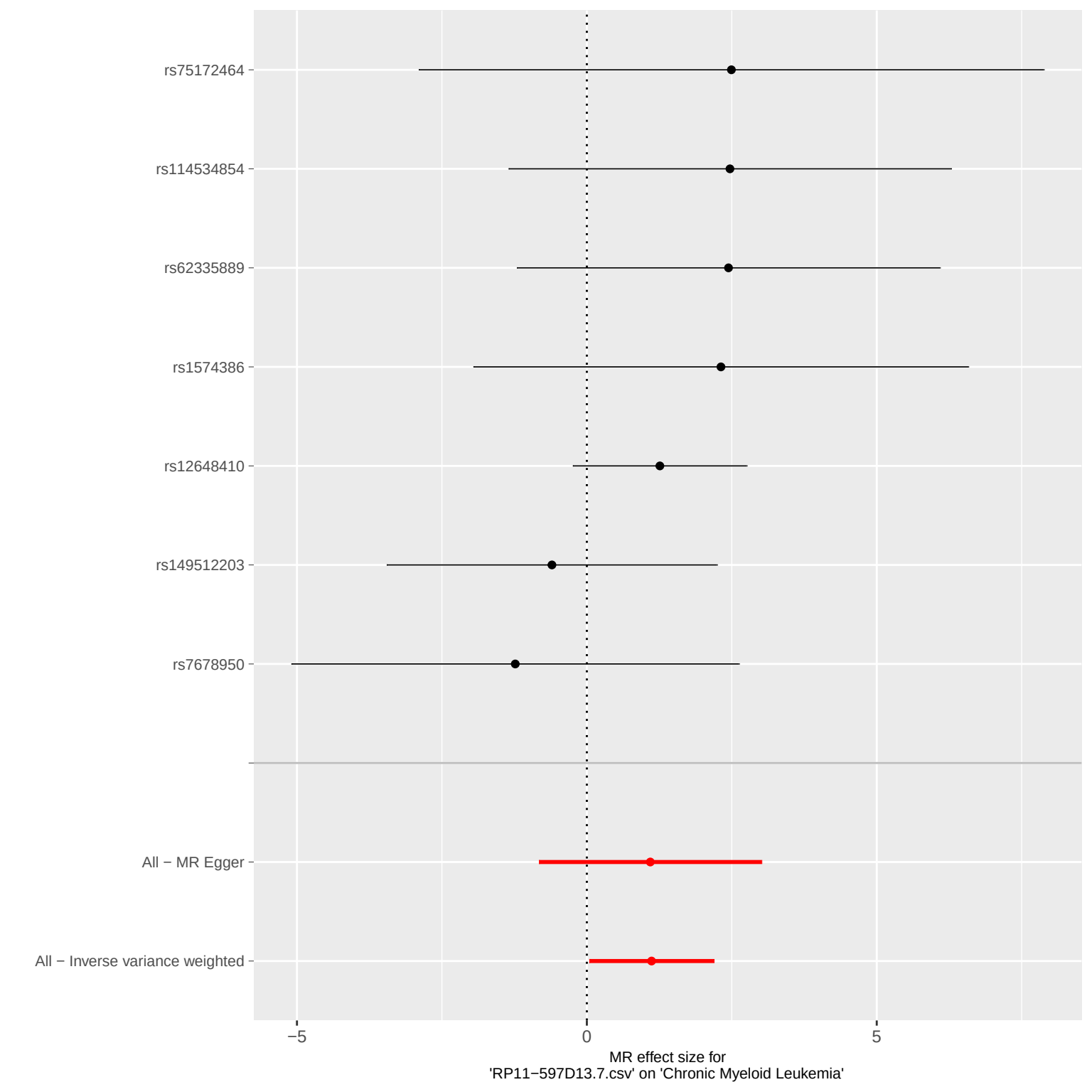
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All − MR Egger
All − Inverse variance weighted
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0
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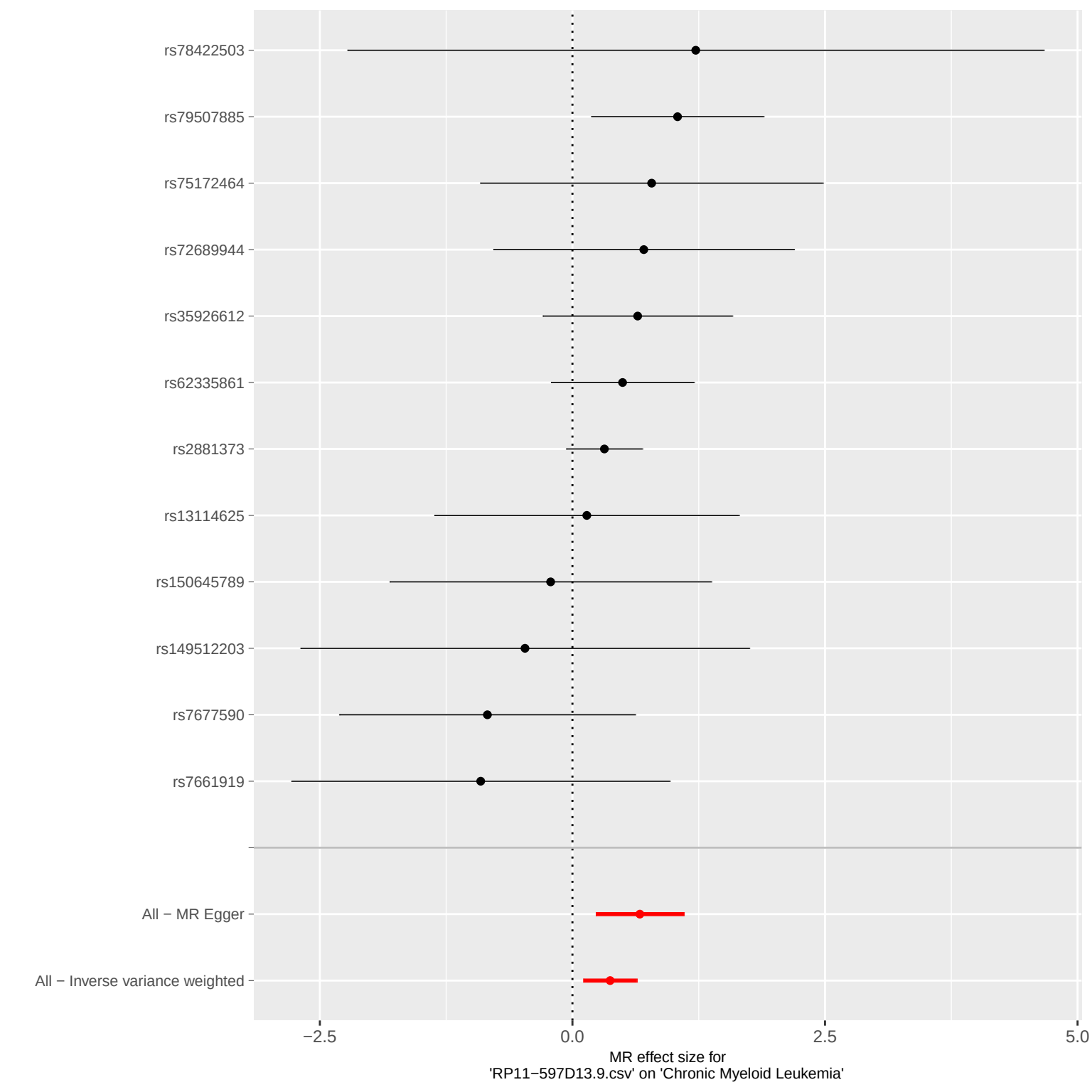
MR effect size for
'RP11−597D13.7.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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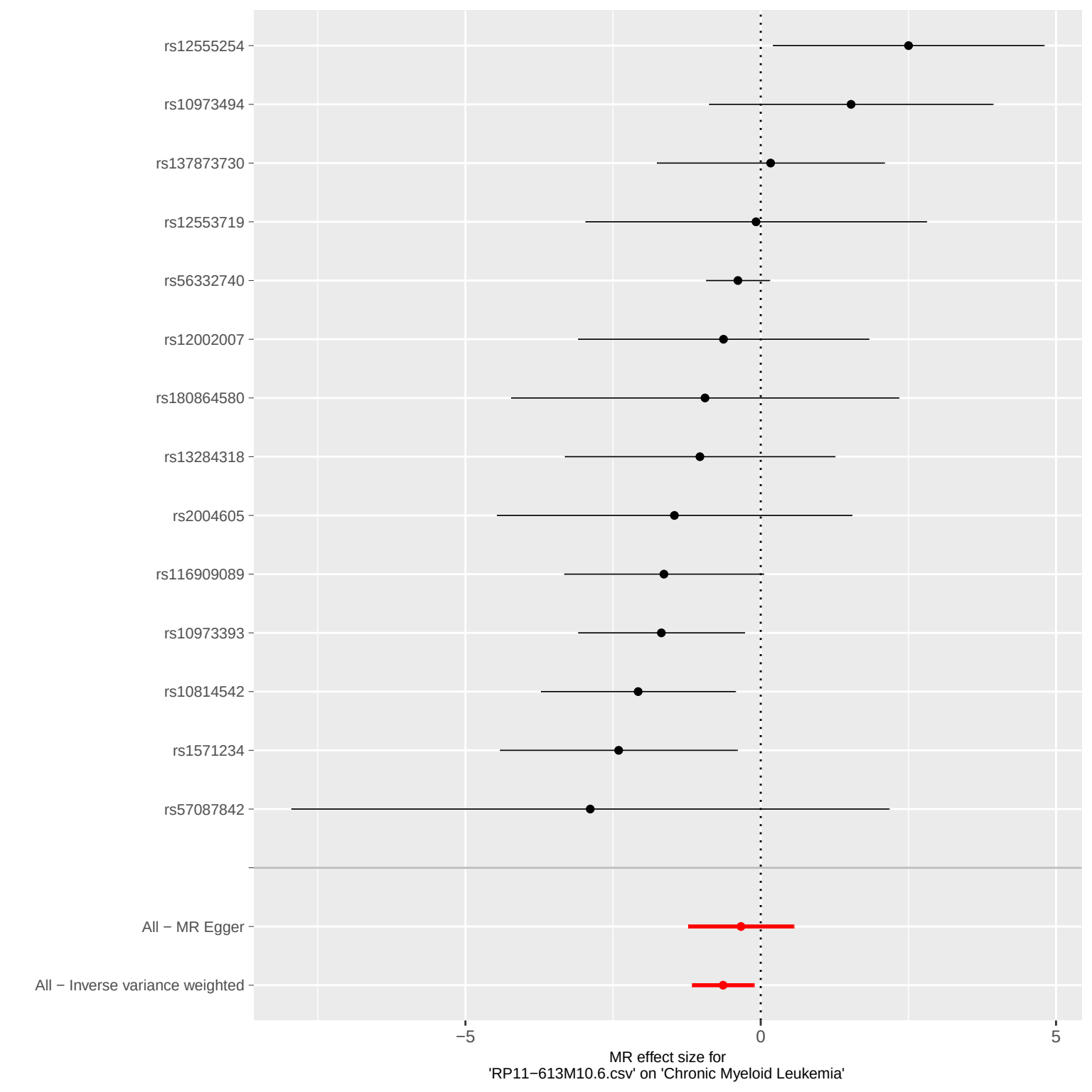
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rs10814542
rs1571234
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All − MR Egger
All − Inverse variance weighted
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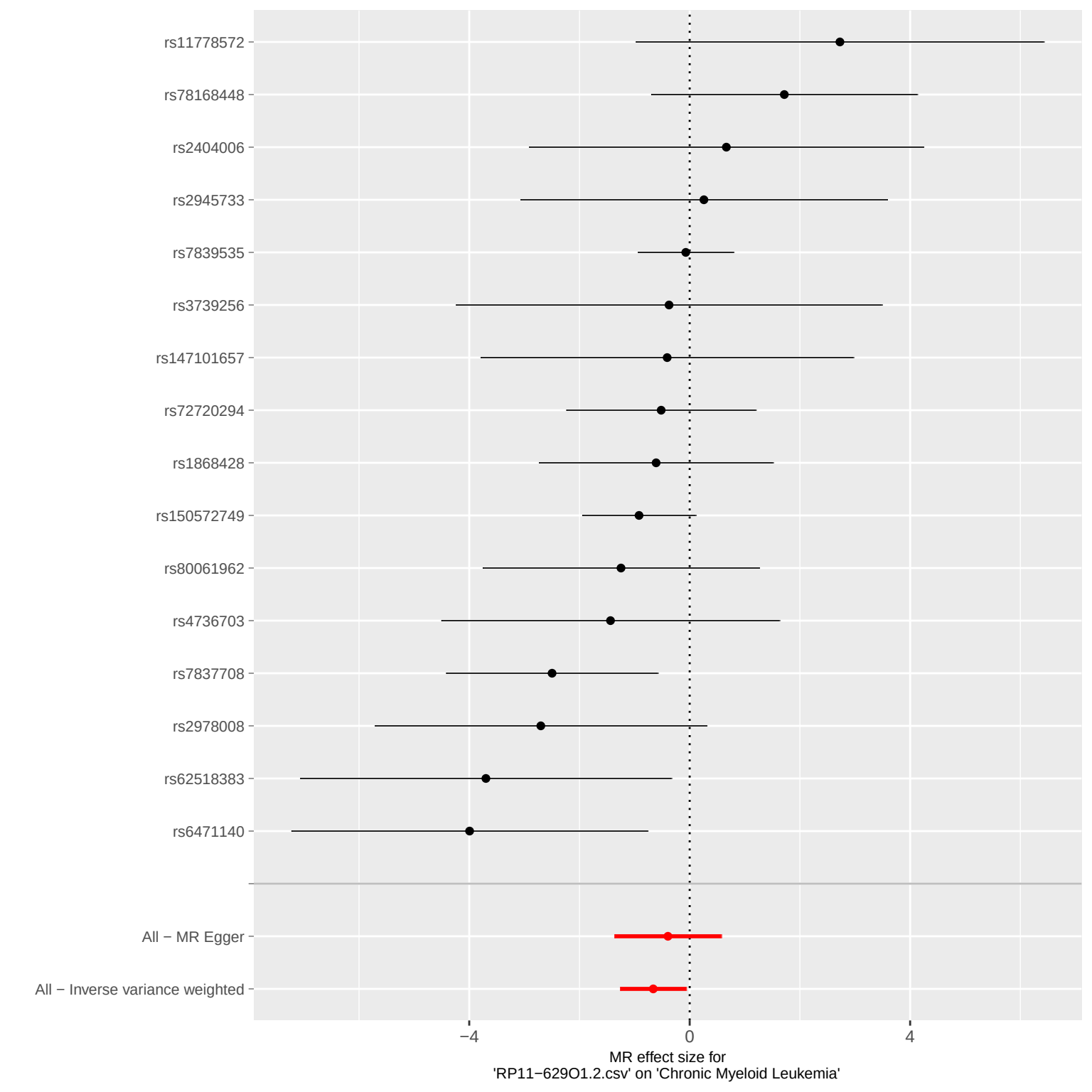
MR effect size for
'RP11−613M10.6.csv' on 'Chronic Myeloid Leukemia'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rs4736703
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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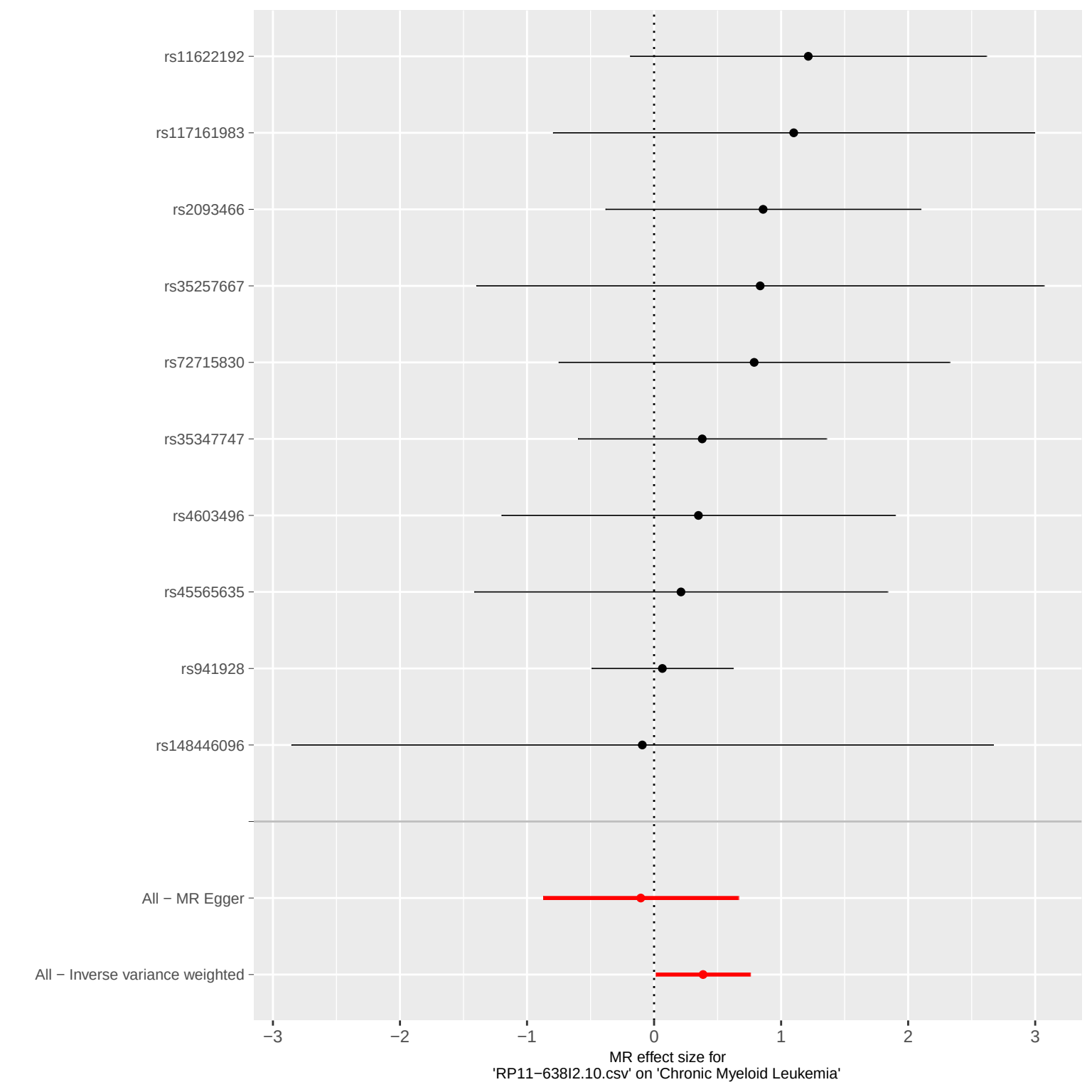
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All − MR Egger
All − Inverse variance weighted
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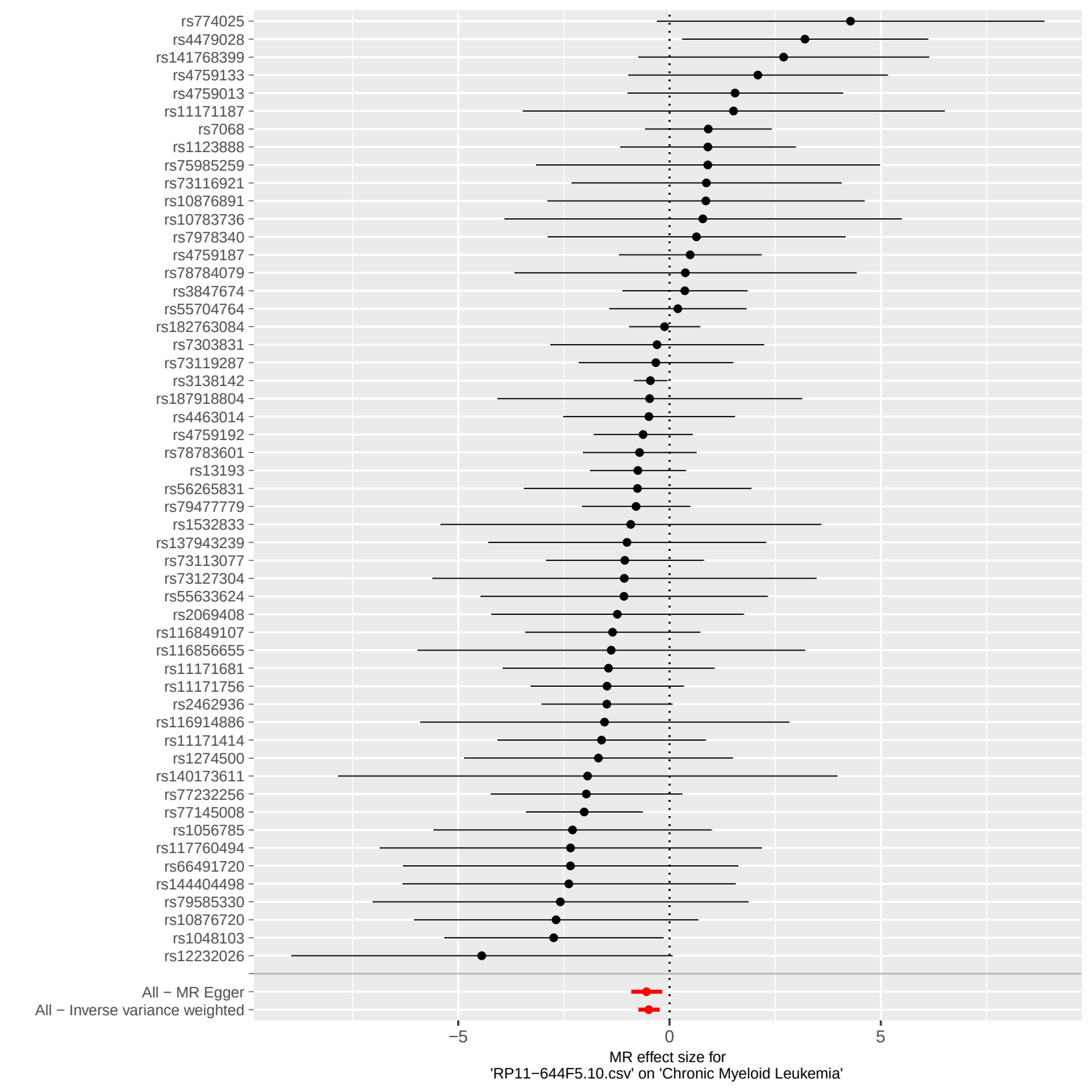
MR effect size for
'RP11−638I2.10.csv' on 'Chronic Myeloid Leukemia'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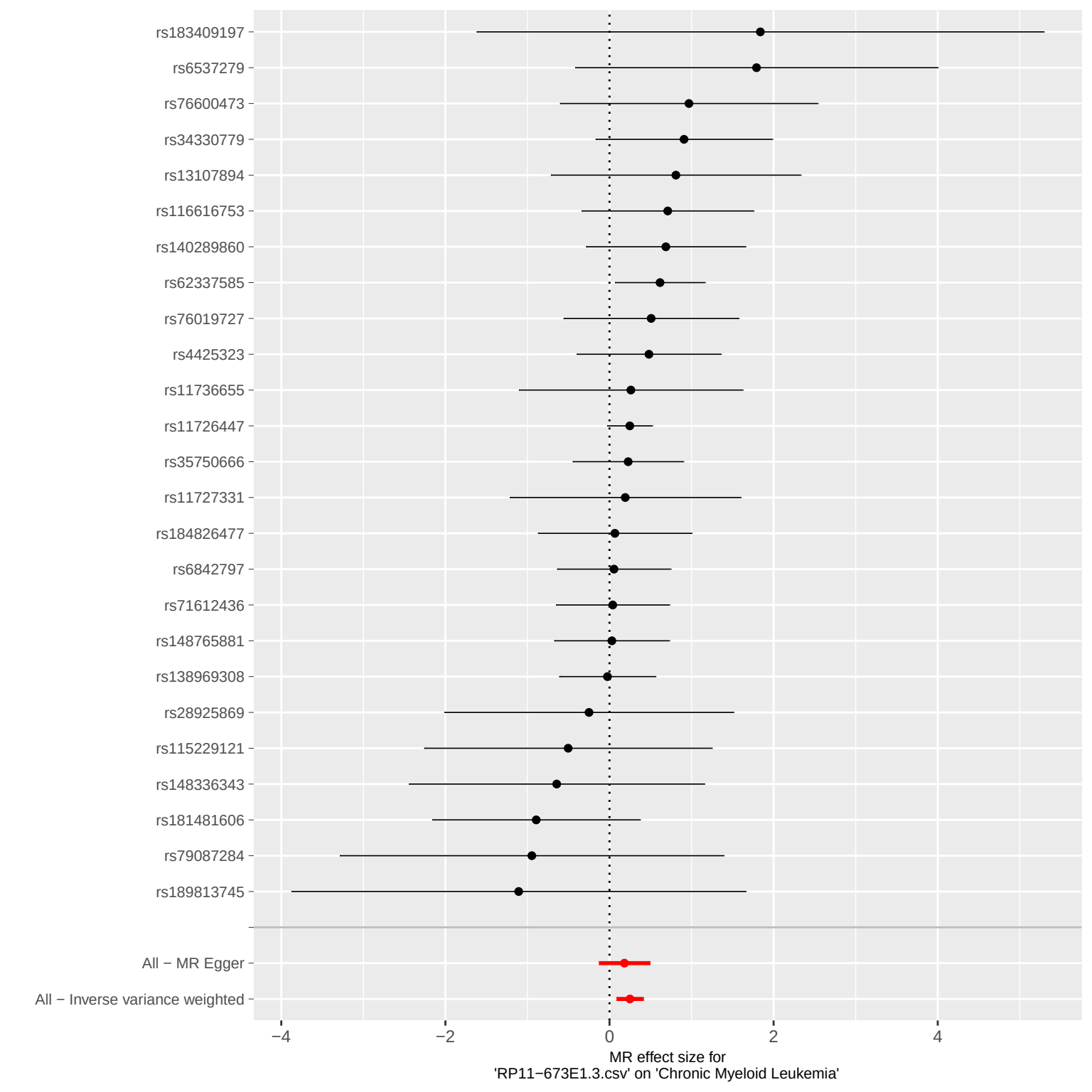
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All − Inverse variance weighted
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−2
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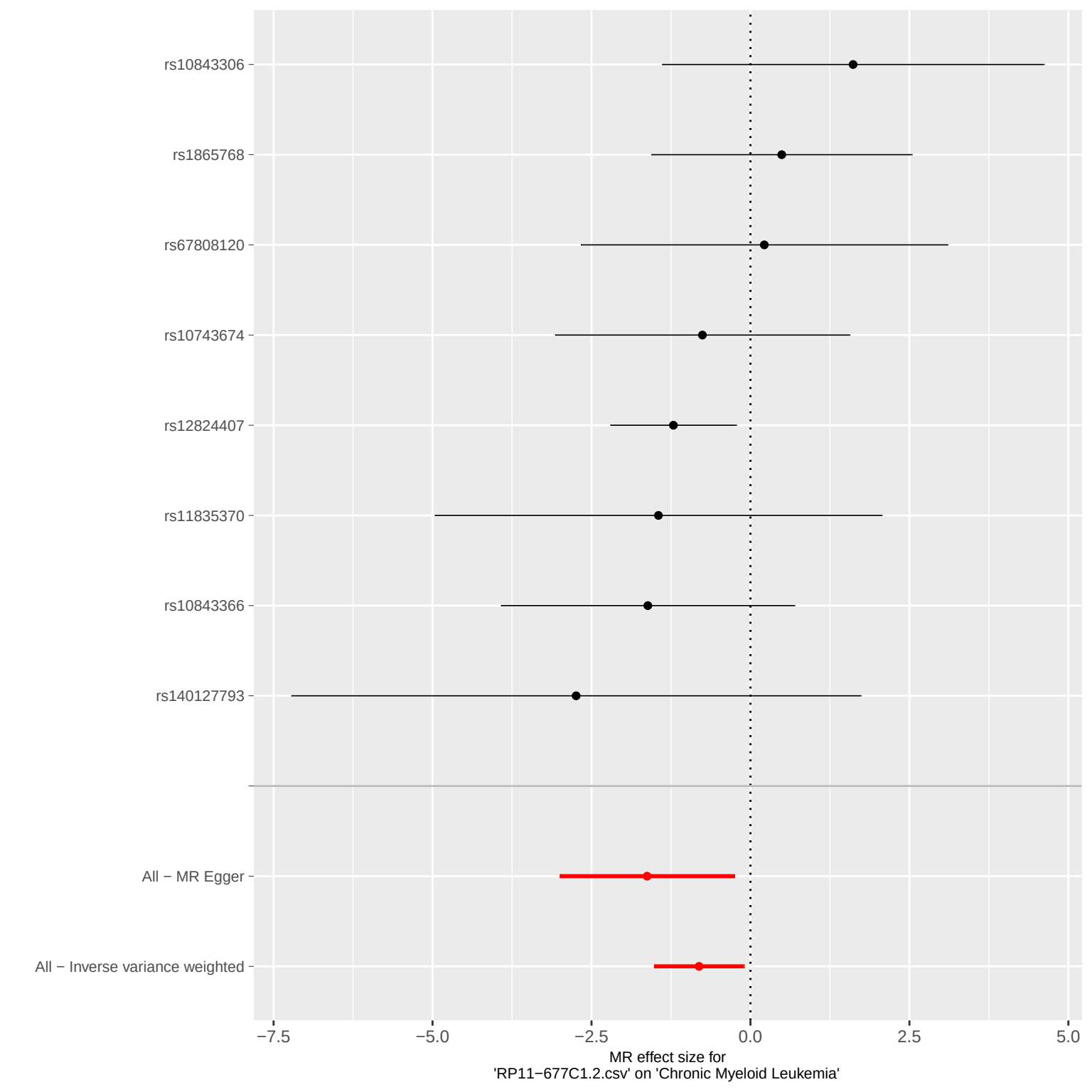
MR effect size for
'RP11−673E1.3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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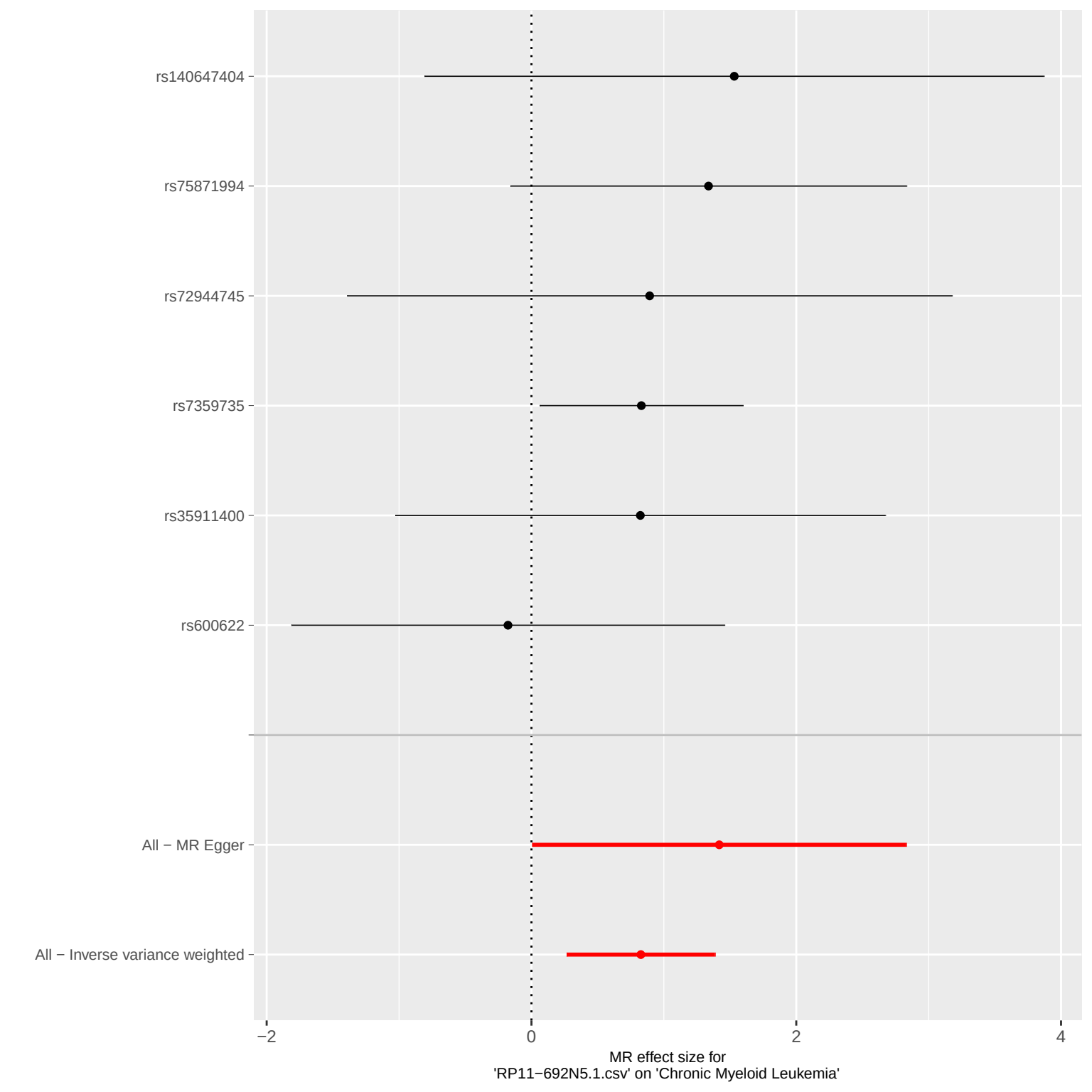
2.5
5.0
MR effect size for
'RP11−677C1.2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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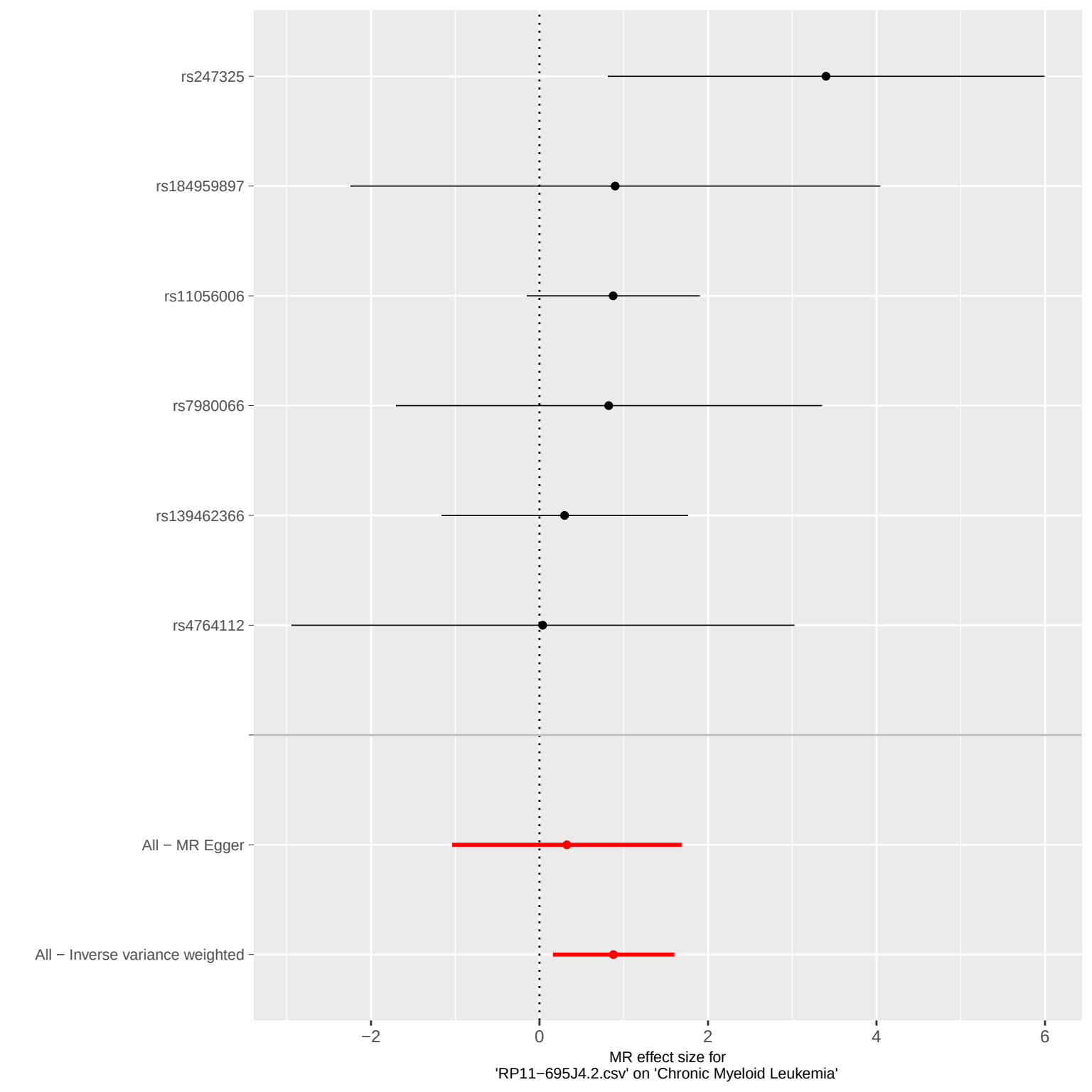
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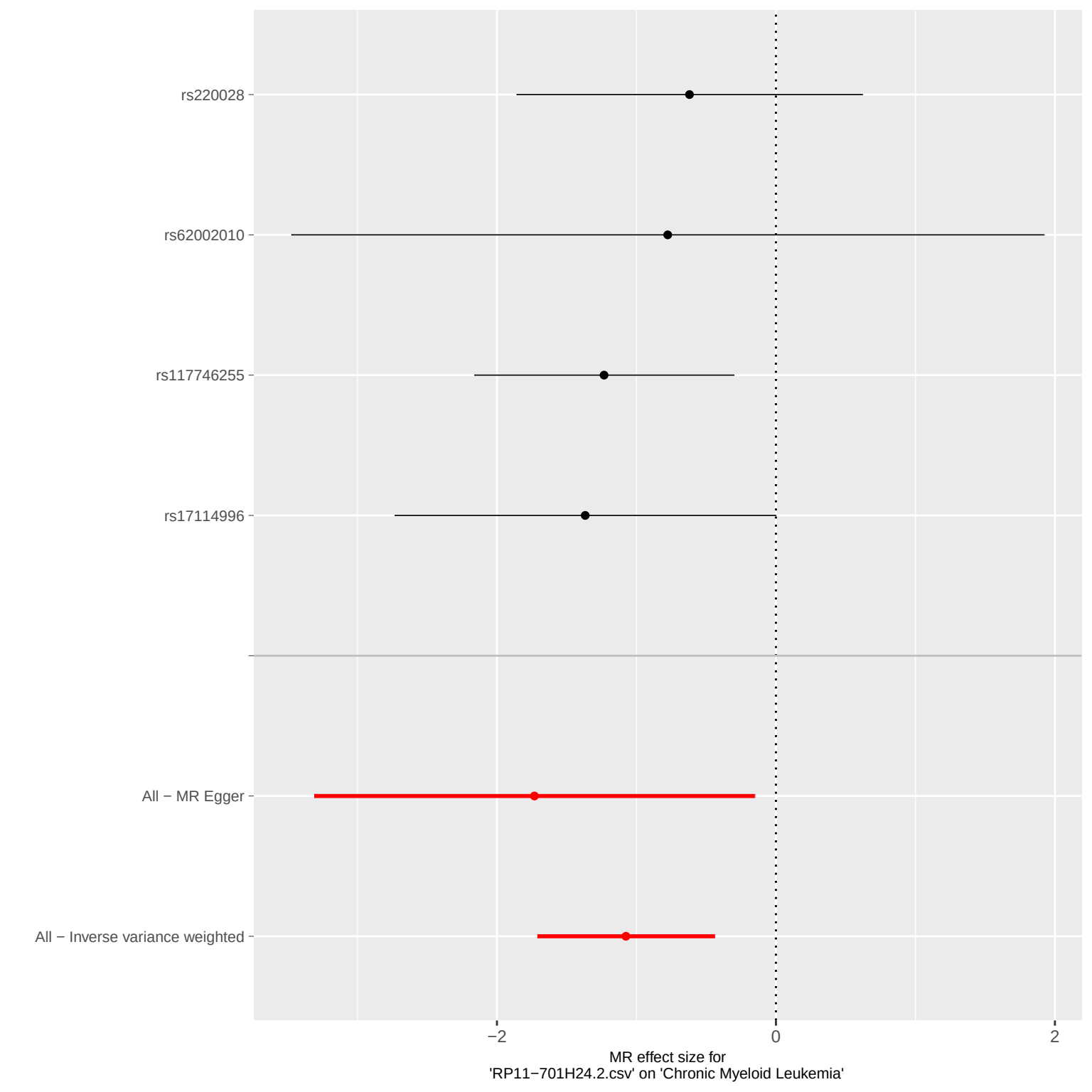
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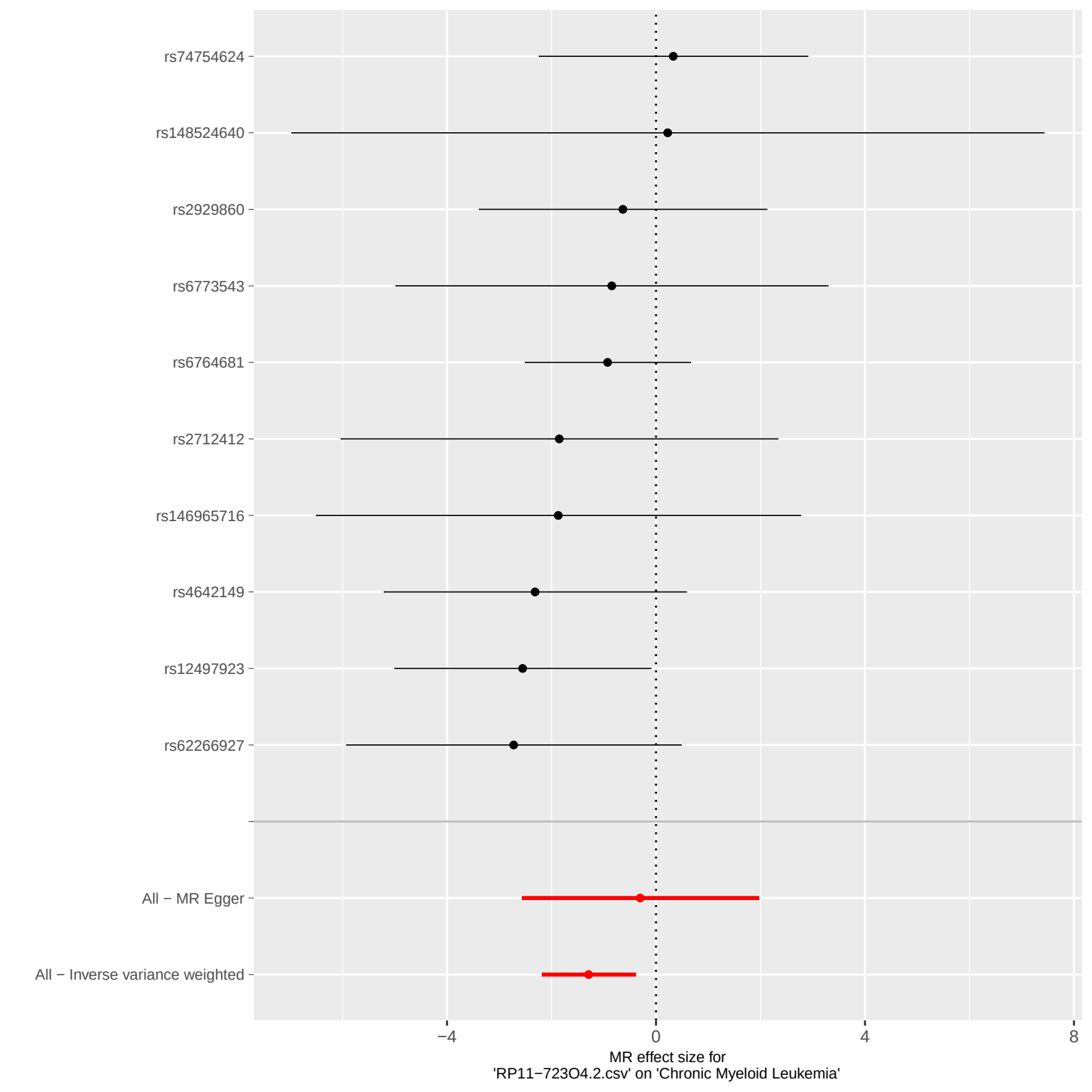
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All − Inverse variance weighted
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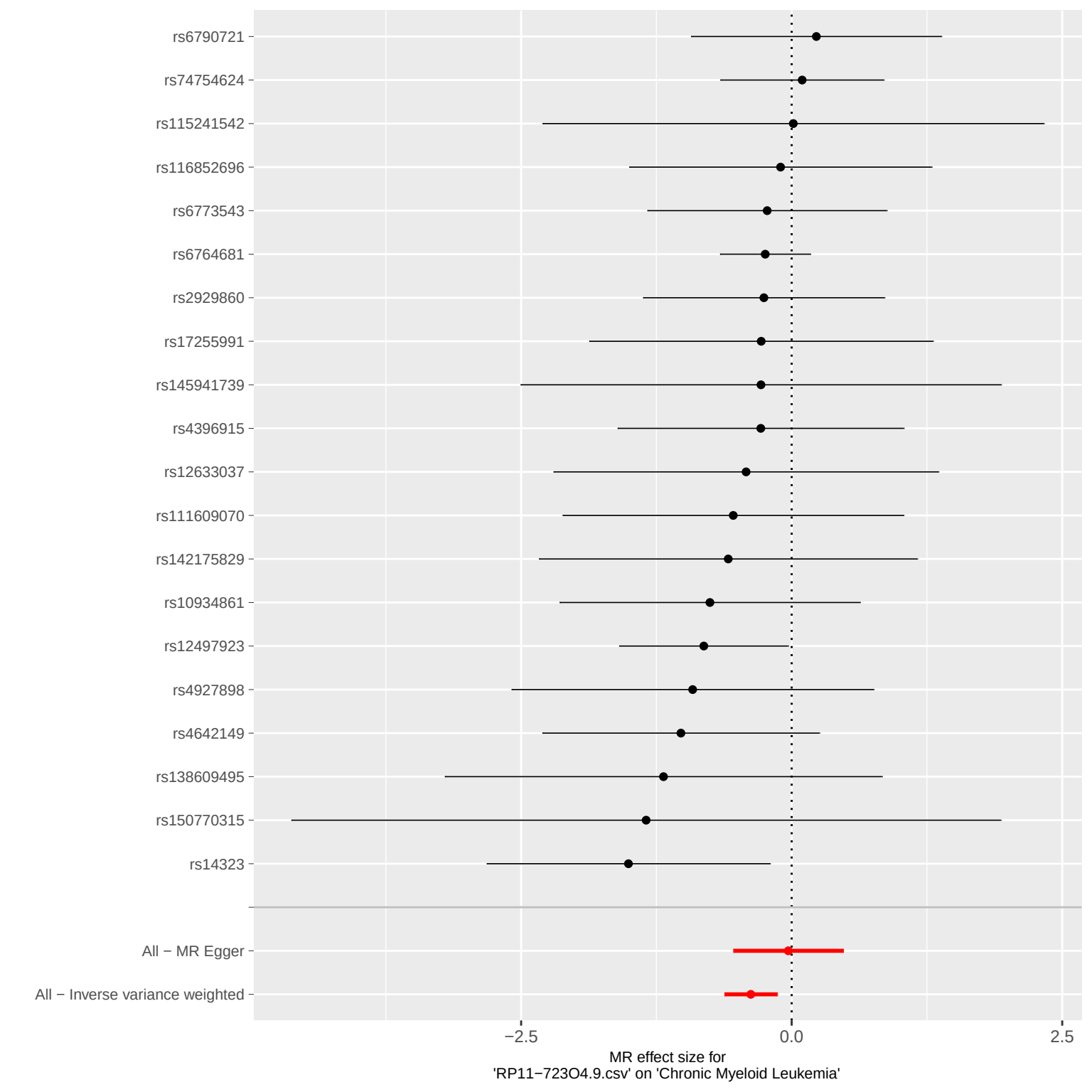
MR effect size for
'RP11−723O4.2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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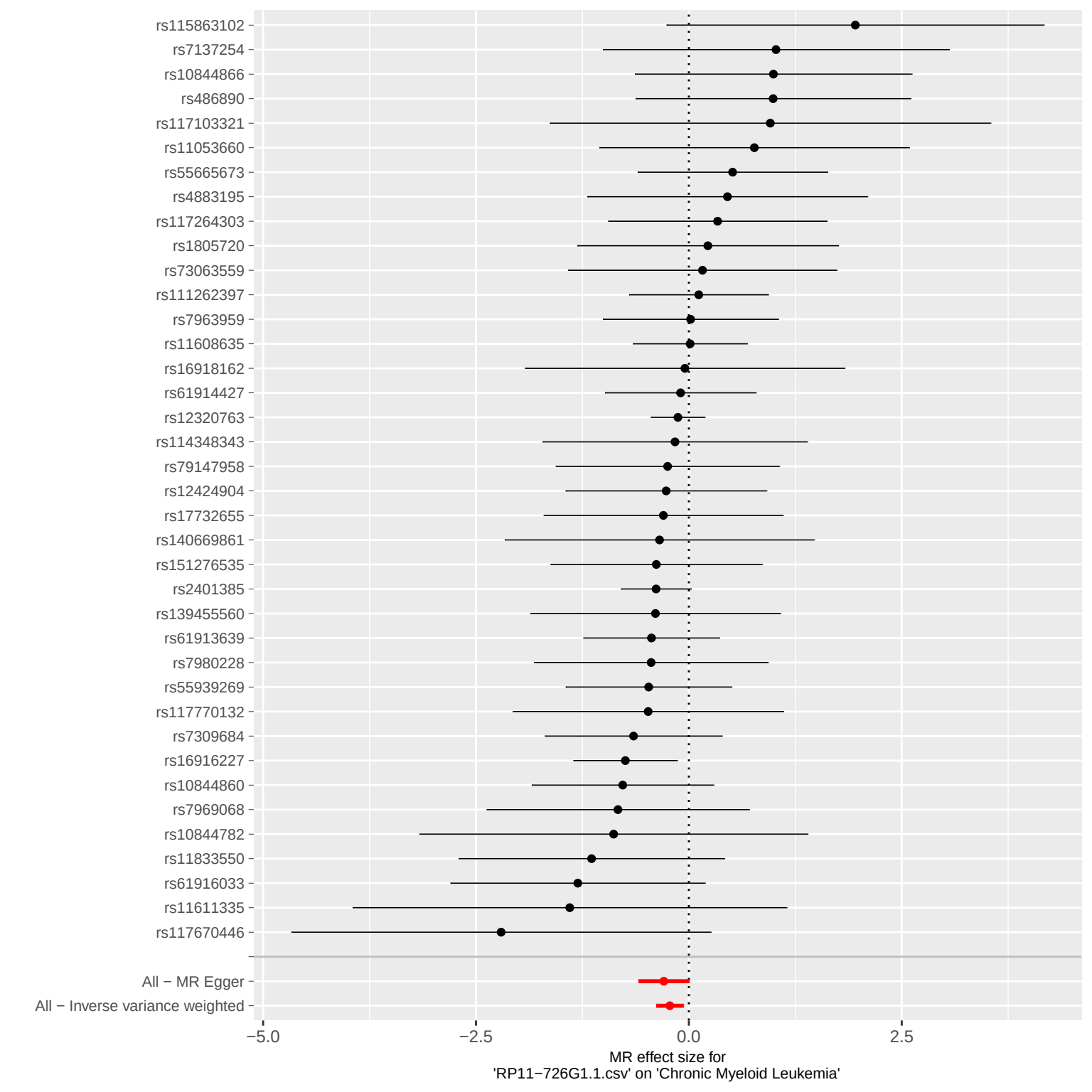
2.5
MR effect size for
'RP11−723O4.9.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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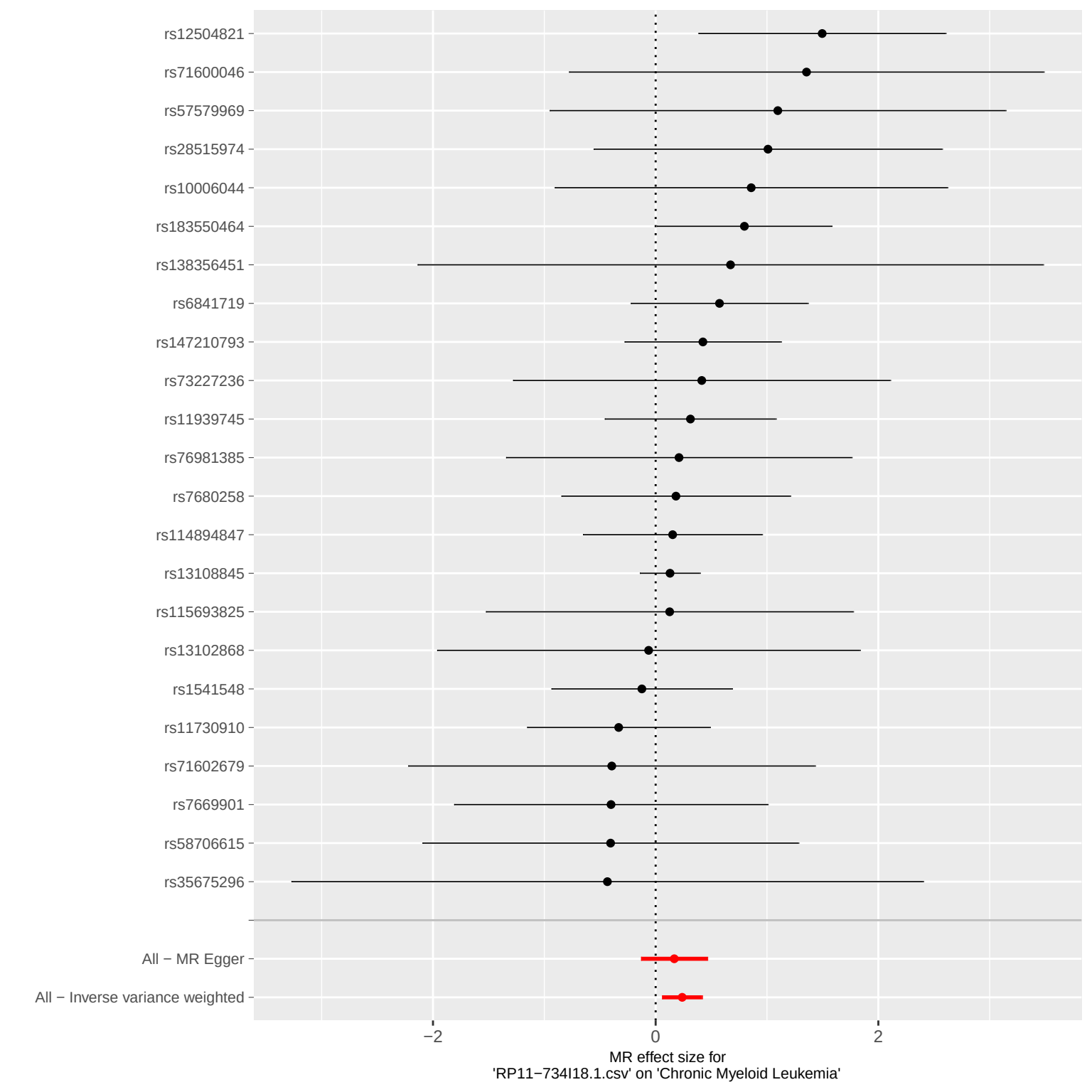
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All − MR Egger
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MR effect size for
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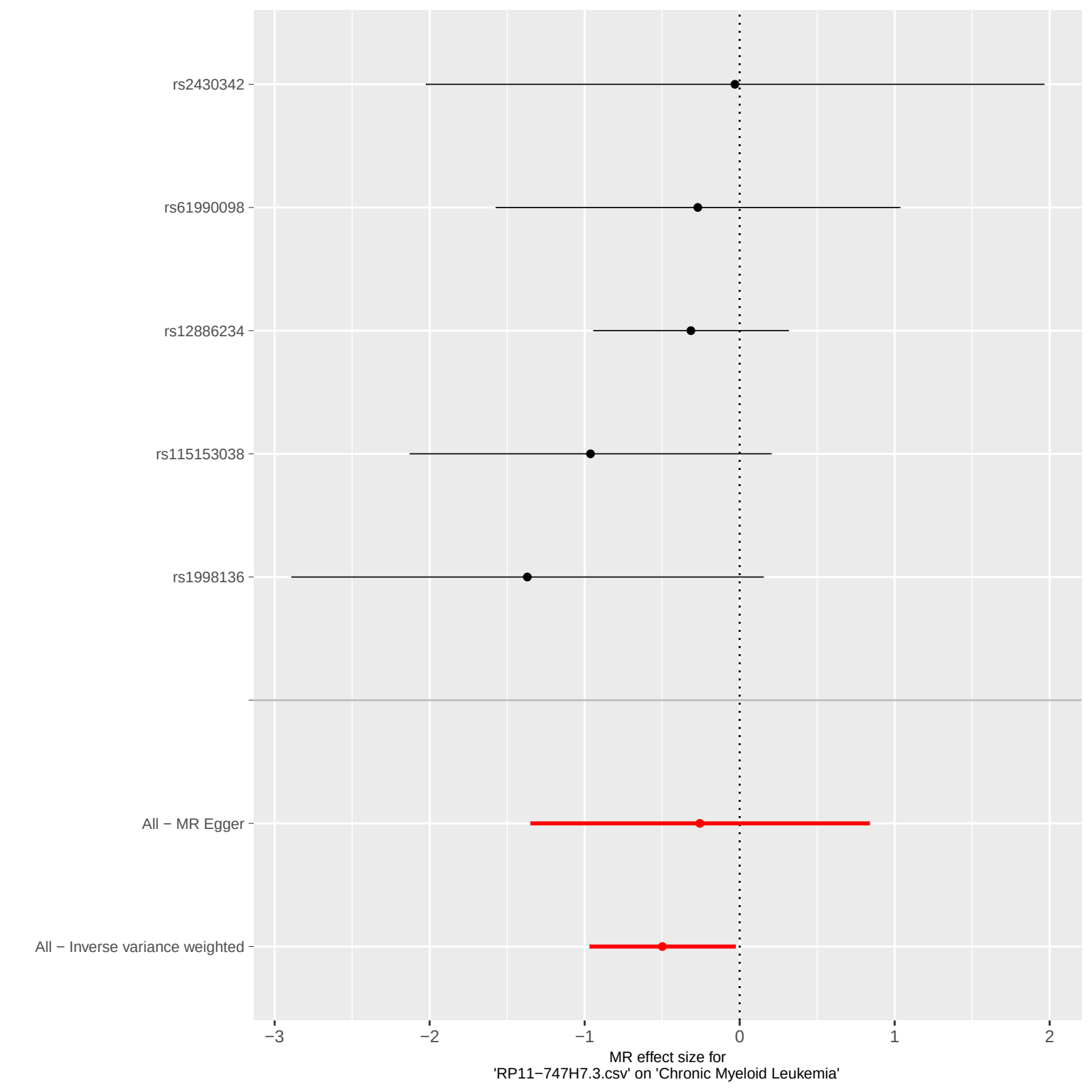
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MR effect size for
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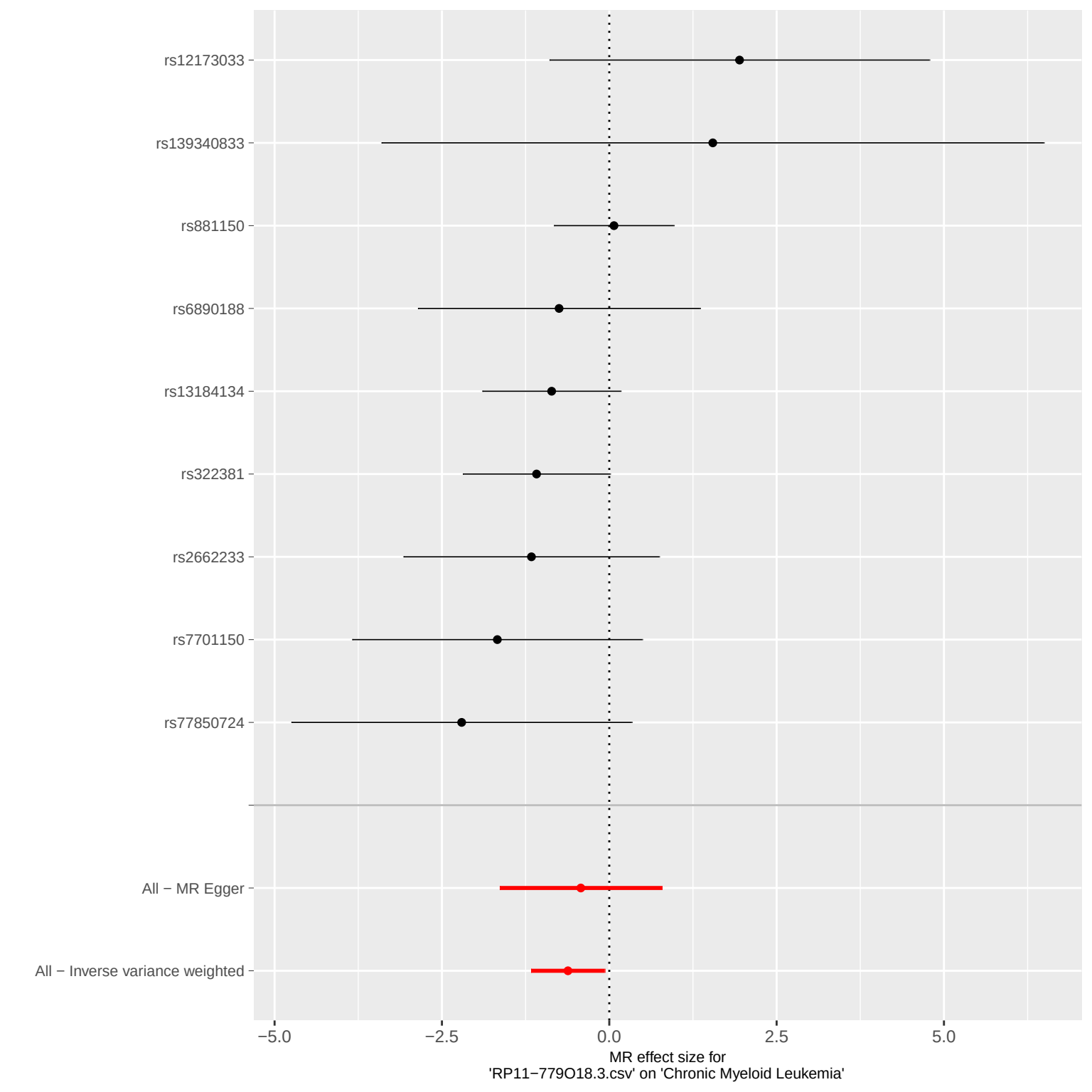
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All − Inverse variance weighted
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MR effect size for
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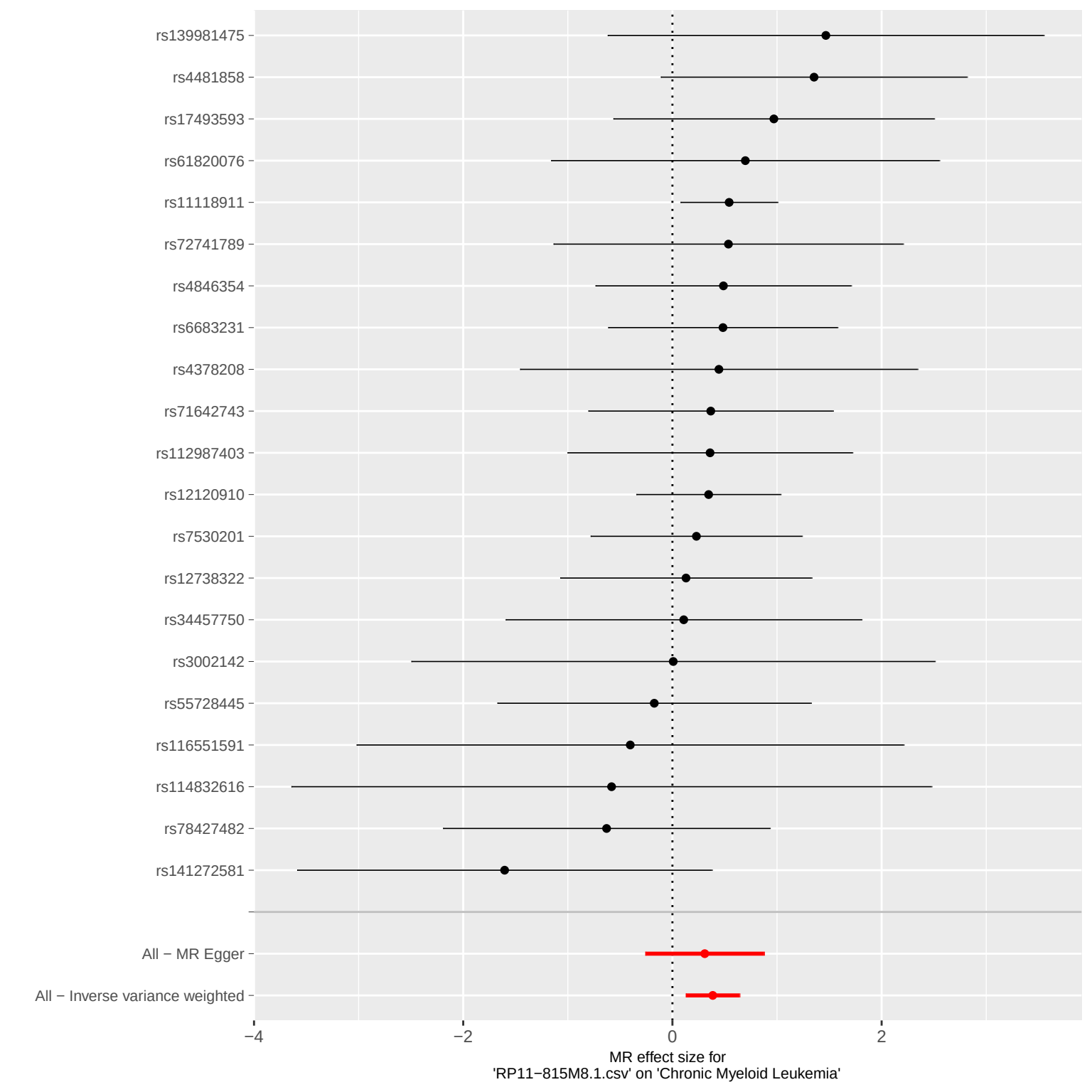
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rs116551591
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All − MR Egger
All − Inverse variance weighted
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−2
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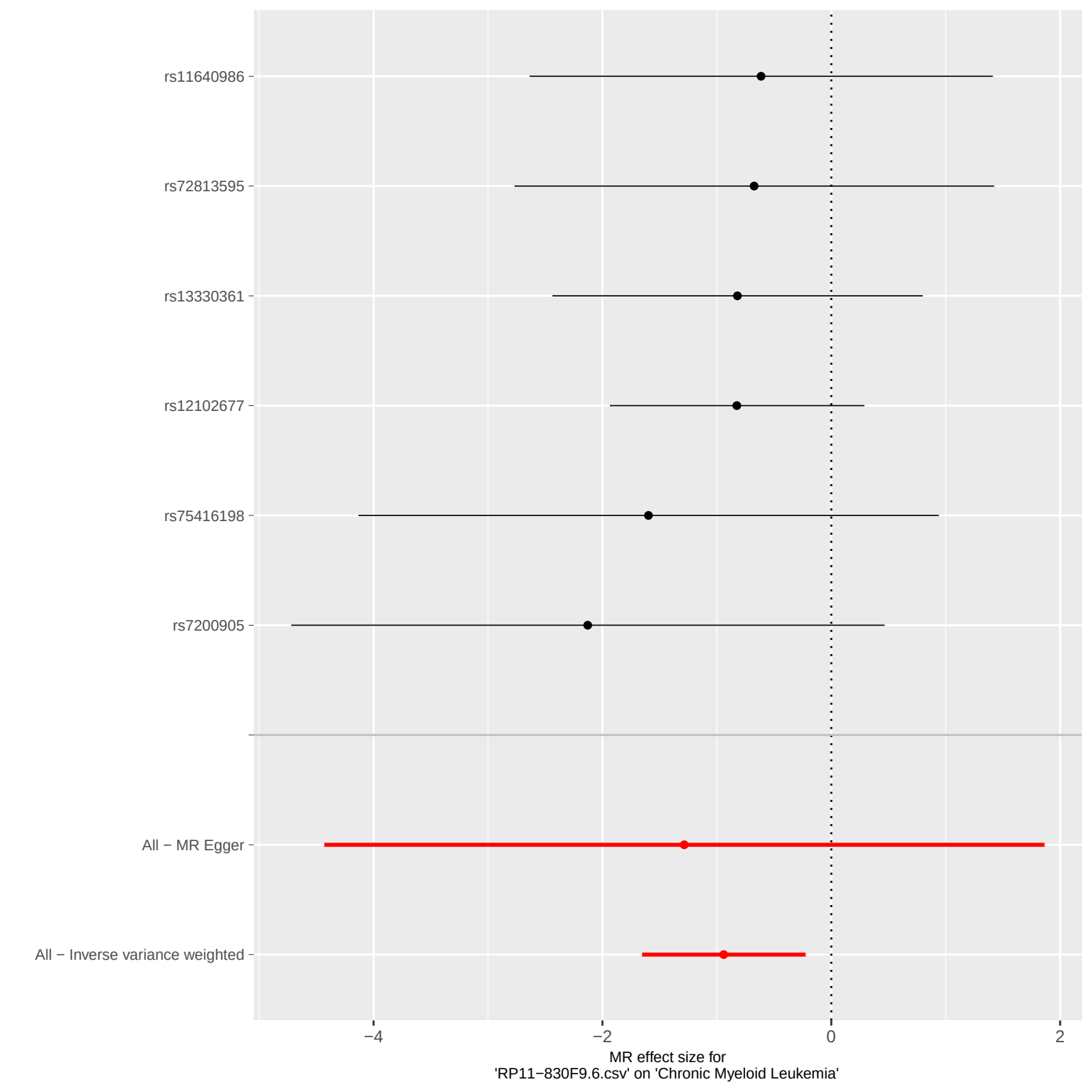
2
MR effect size for
'RP11−815M8.1.csv' on 'Chronic Myeloid Leukemia'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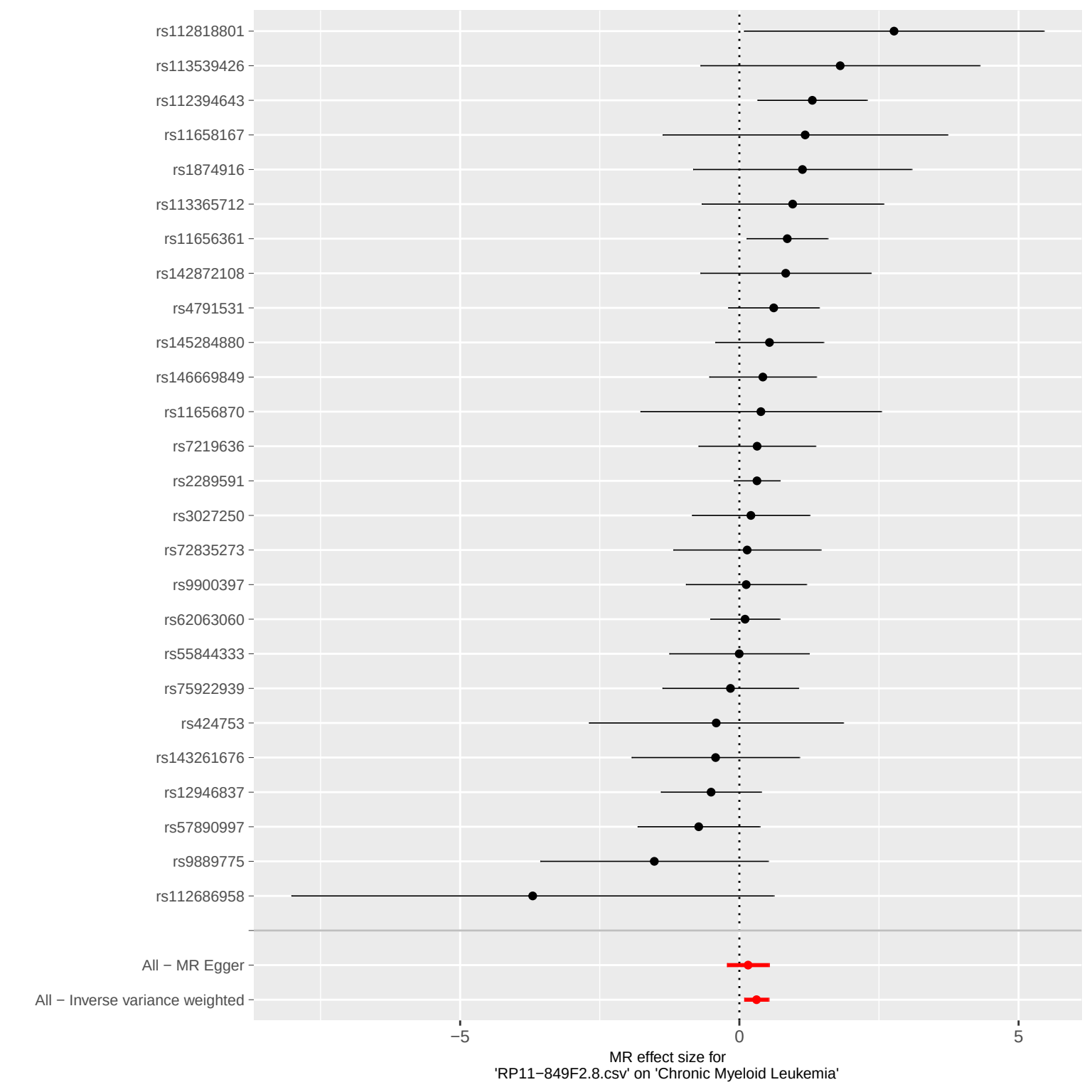
MR effect size for
'RP11−830F9.6.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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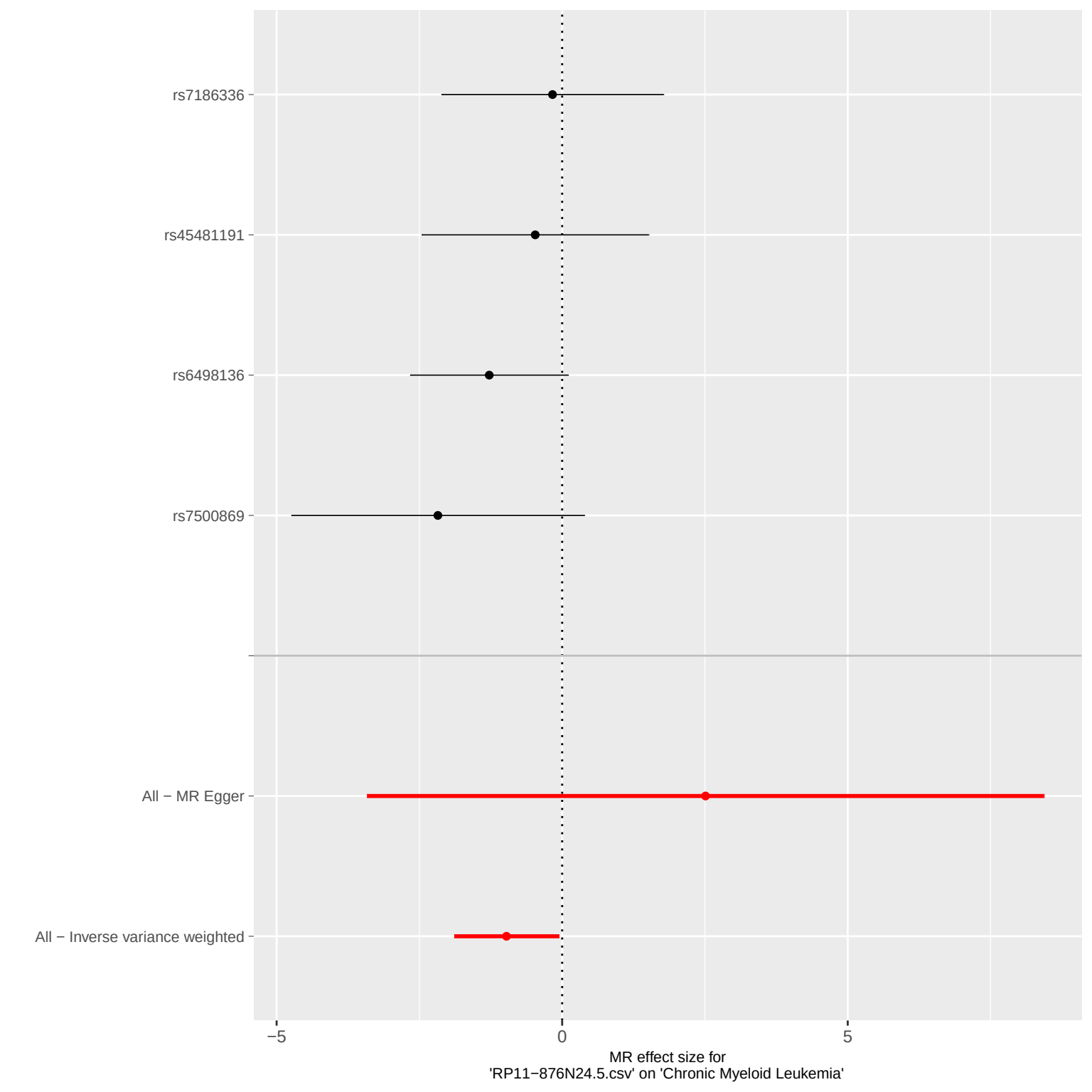
5
MR effect size for
'RP11−849F2.8.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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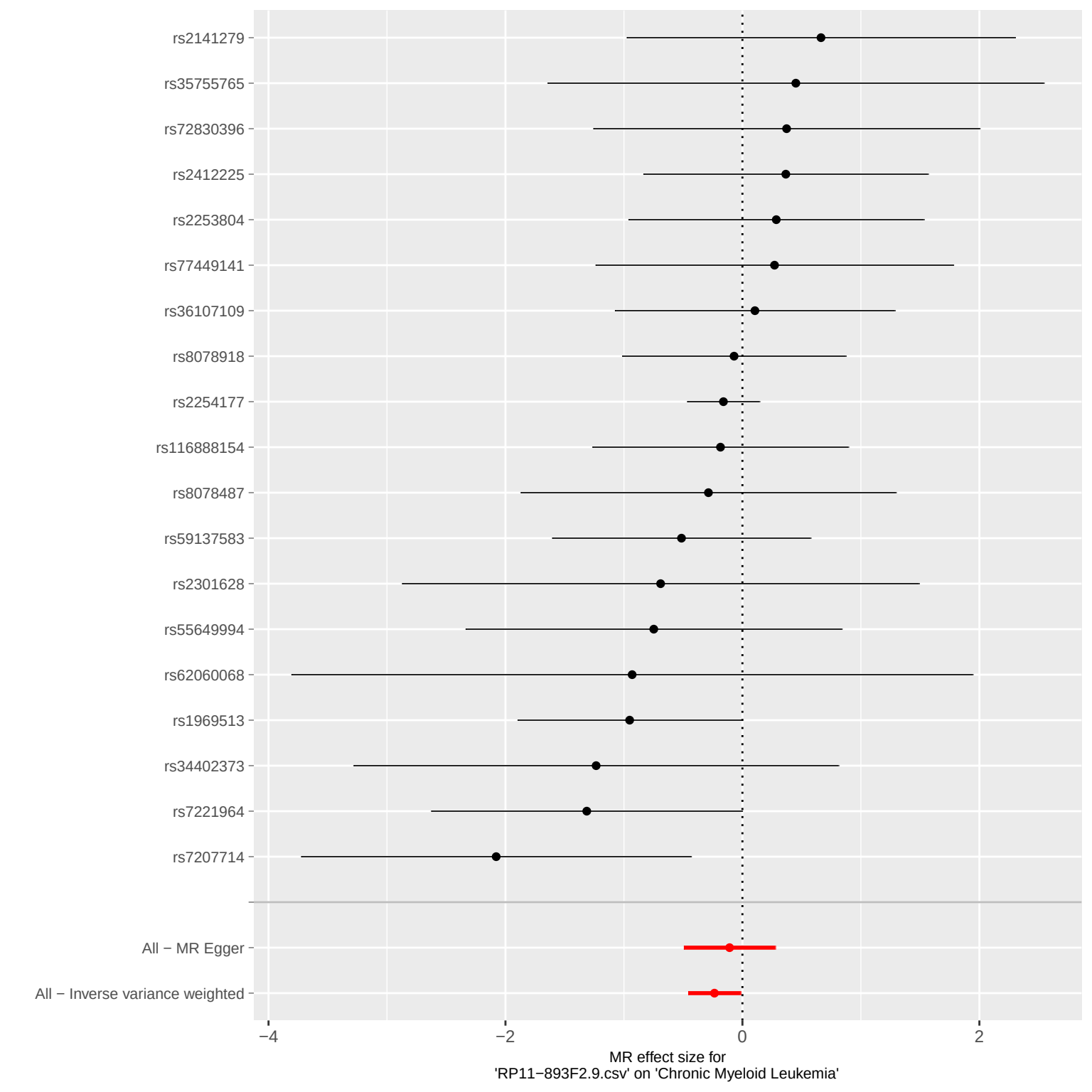
MR effect size for
'RP11−876N24.5.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
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−4
−2
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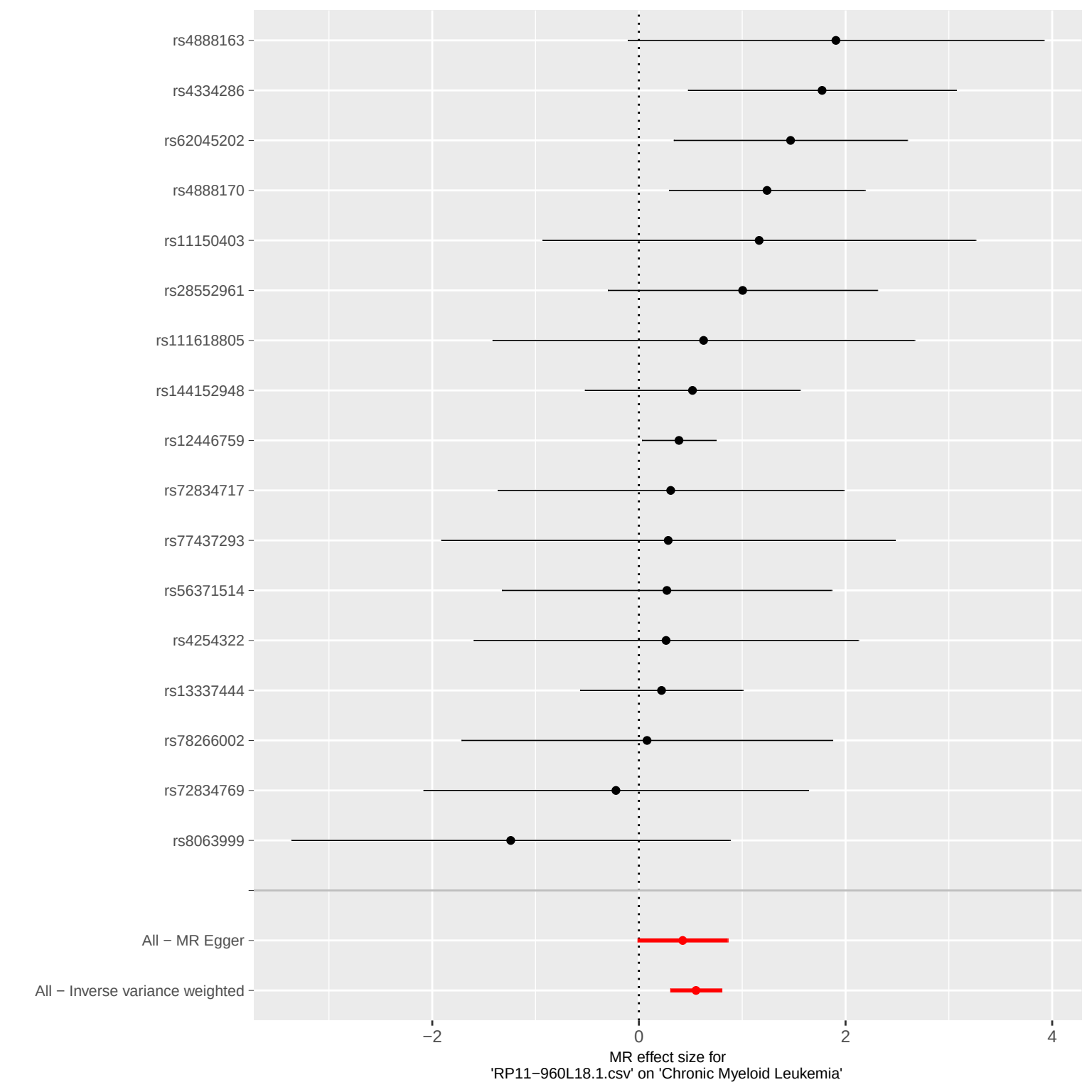
2
MR effect size for
'RP11−893F2.9.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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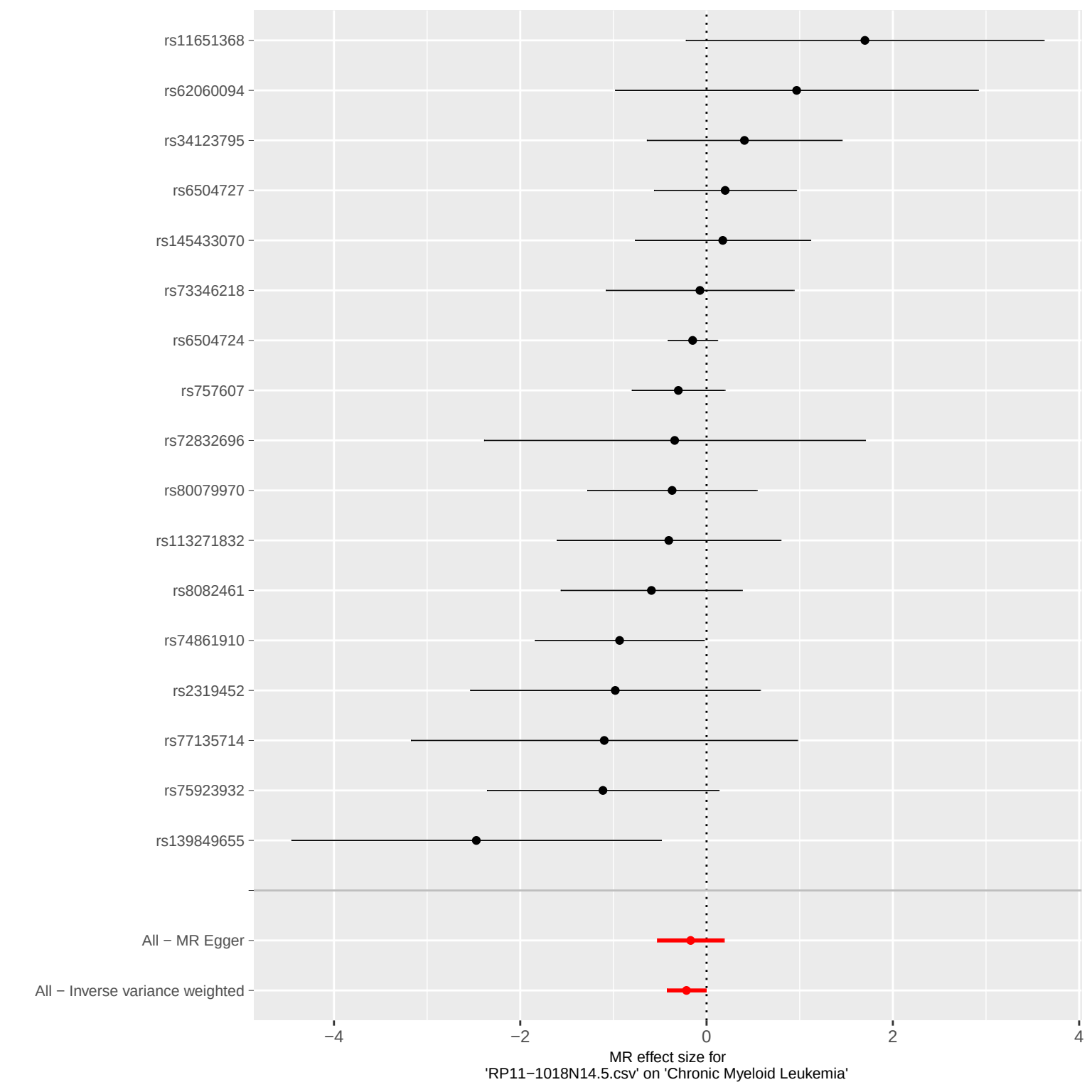
2
4
MR effect size for
'RP11−960L18.1.csv' on 'Chronic Myeloid Leukemia'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rs75923932
rs139849655
All − MR Egger
All − Inverse variance weighted
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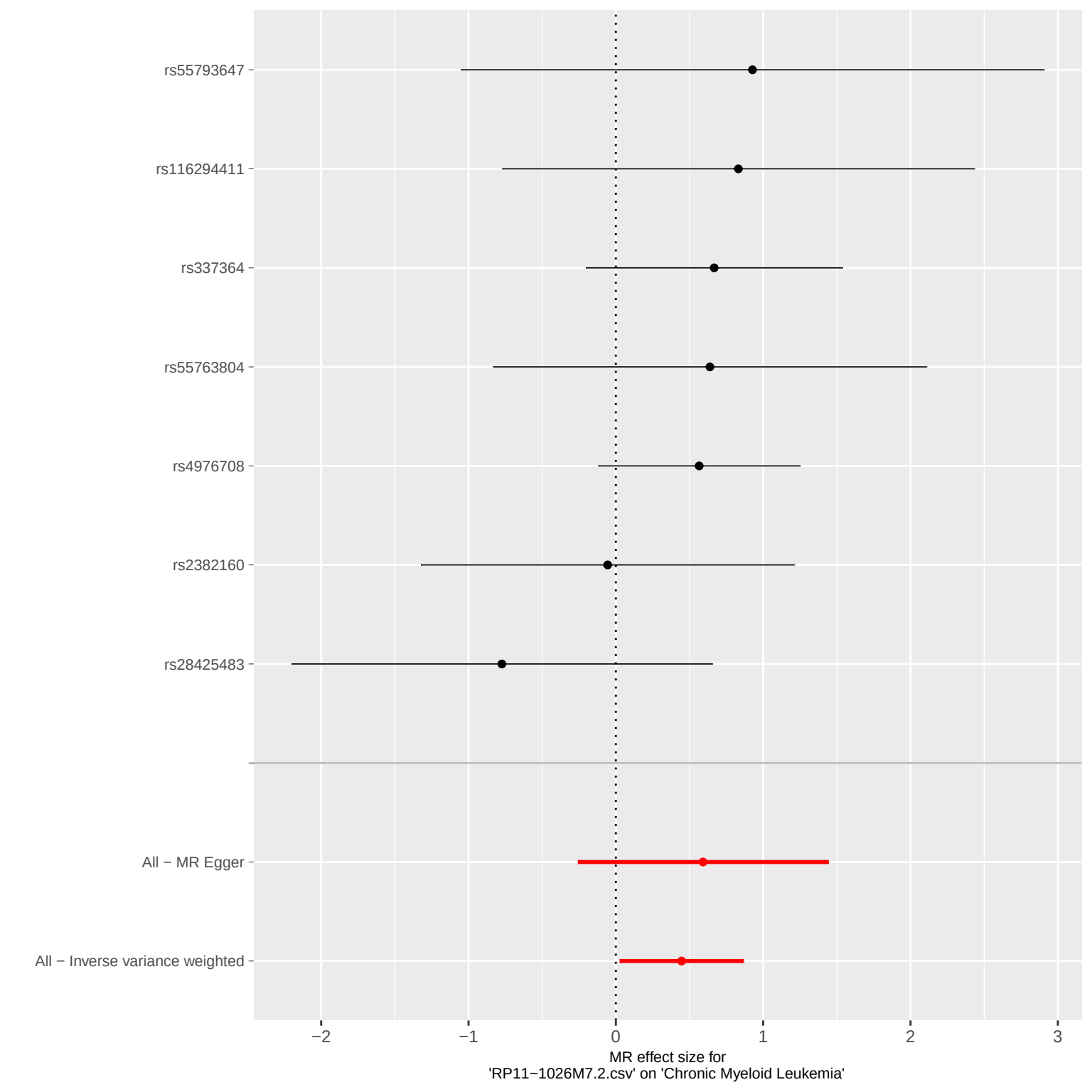
−2
0
2
4
MR effect size for
'RP11−1018N14.5.csv' on 'Chronic Myeloid Leukemia'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rs4976708
rs2382160
rs28425483
All − MR Egger
All − Inverse variance weighted
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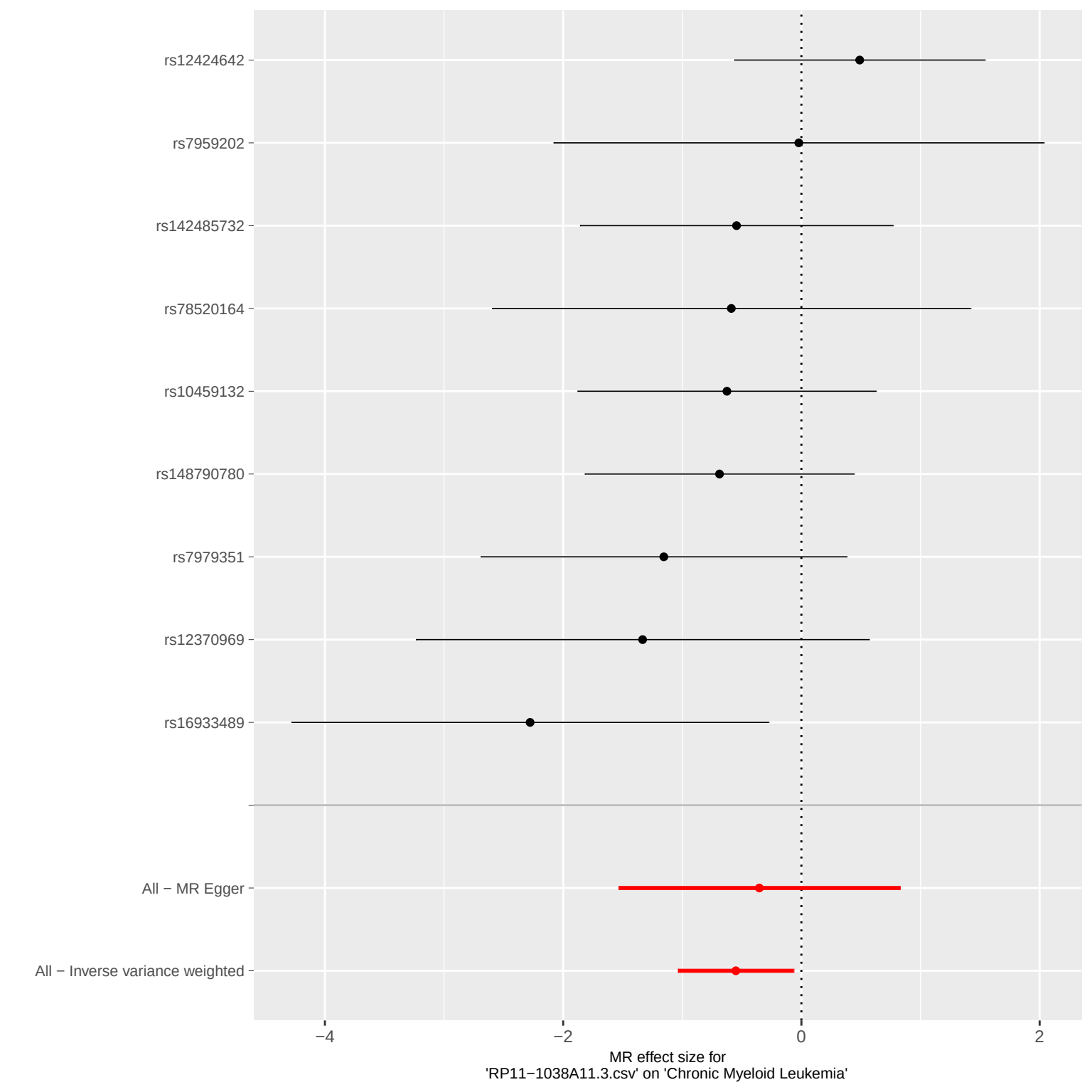
−1
0
1
2
3
MR effect size for
'RP11−1026M7.2.csv' on 'Chronic Myeloid Leukemia'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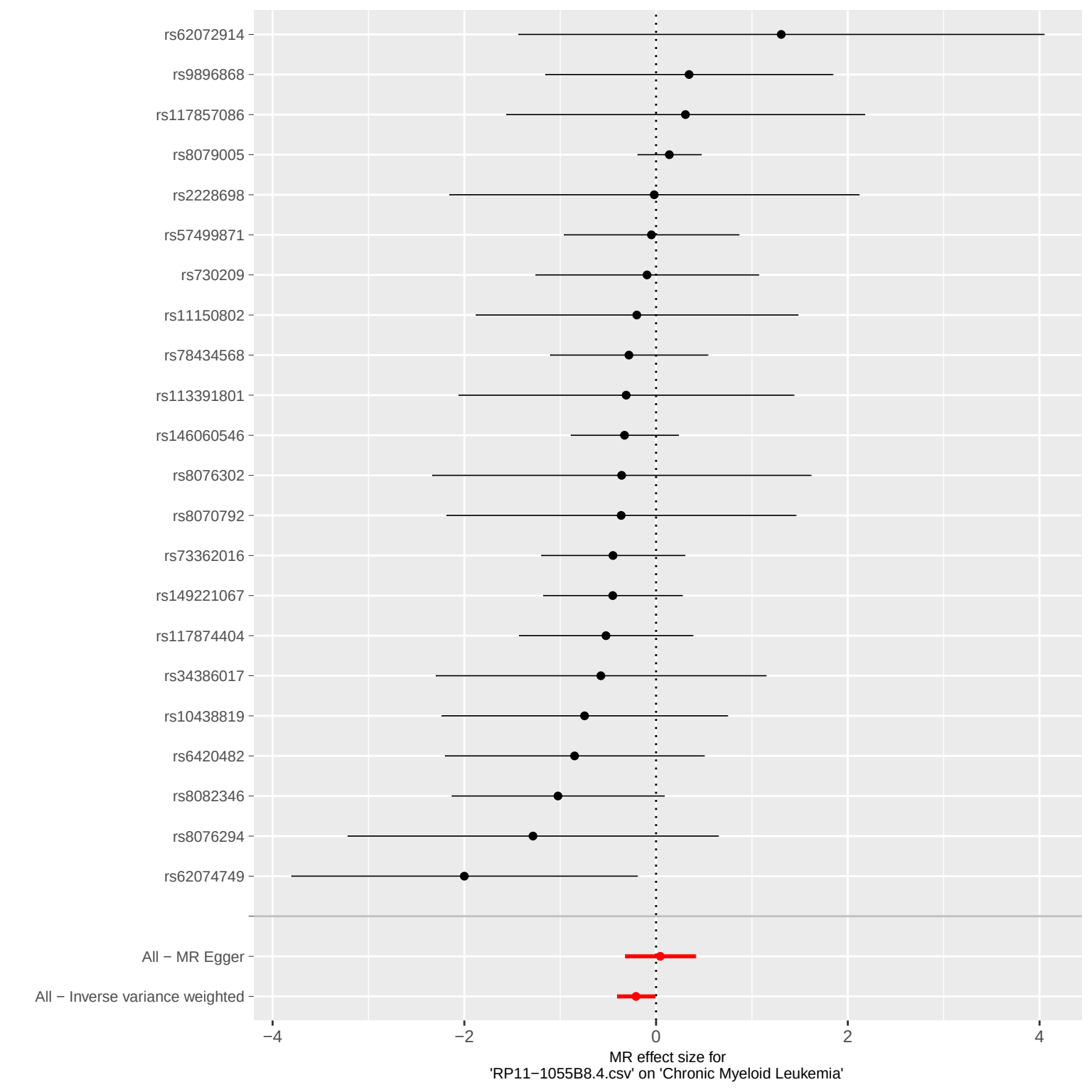
rs16933489
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RP11−1038A11.3.csv' on 'Chronic Myeloid Leukemia'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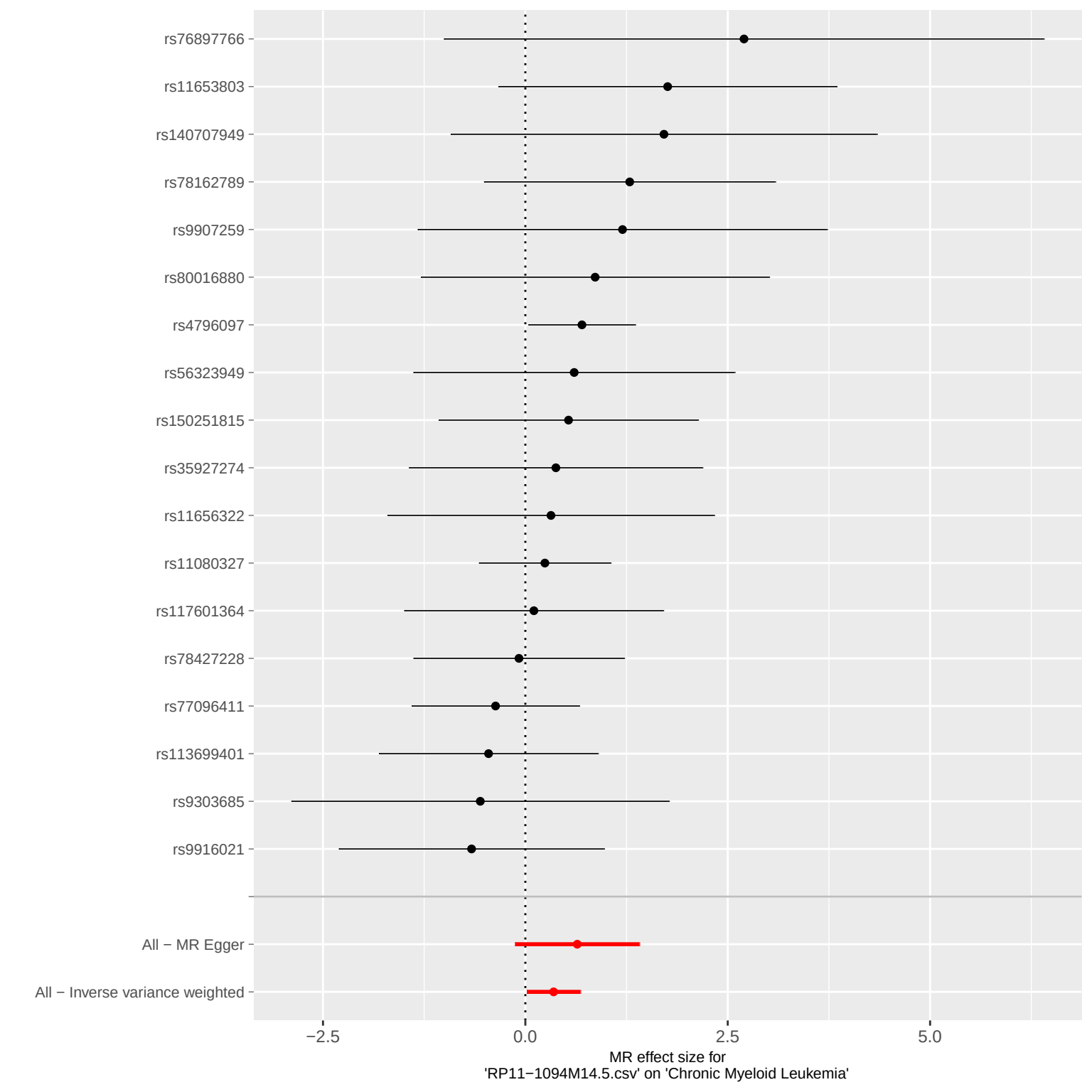
rs146060546
rs8076302
rs8070792
rs73362016
rs149221067
rs117874404
rs34386017
rs10438819
rs6420482
rs8082346
rs8076294
rs62074749
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'RP11−1055B8.4.csv' on 'Chronic Myeloid Leukemia'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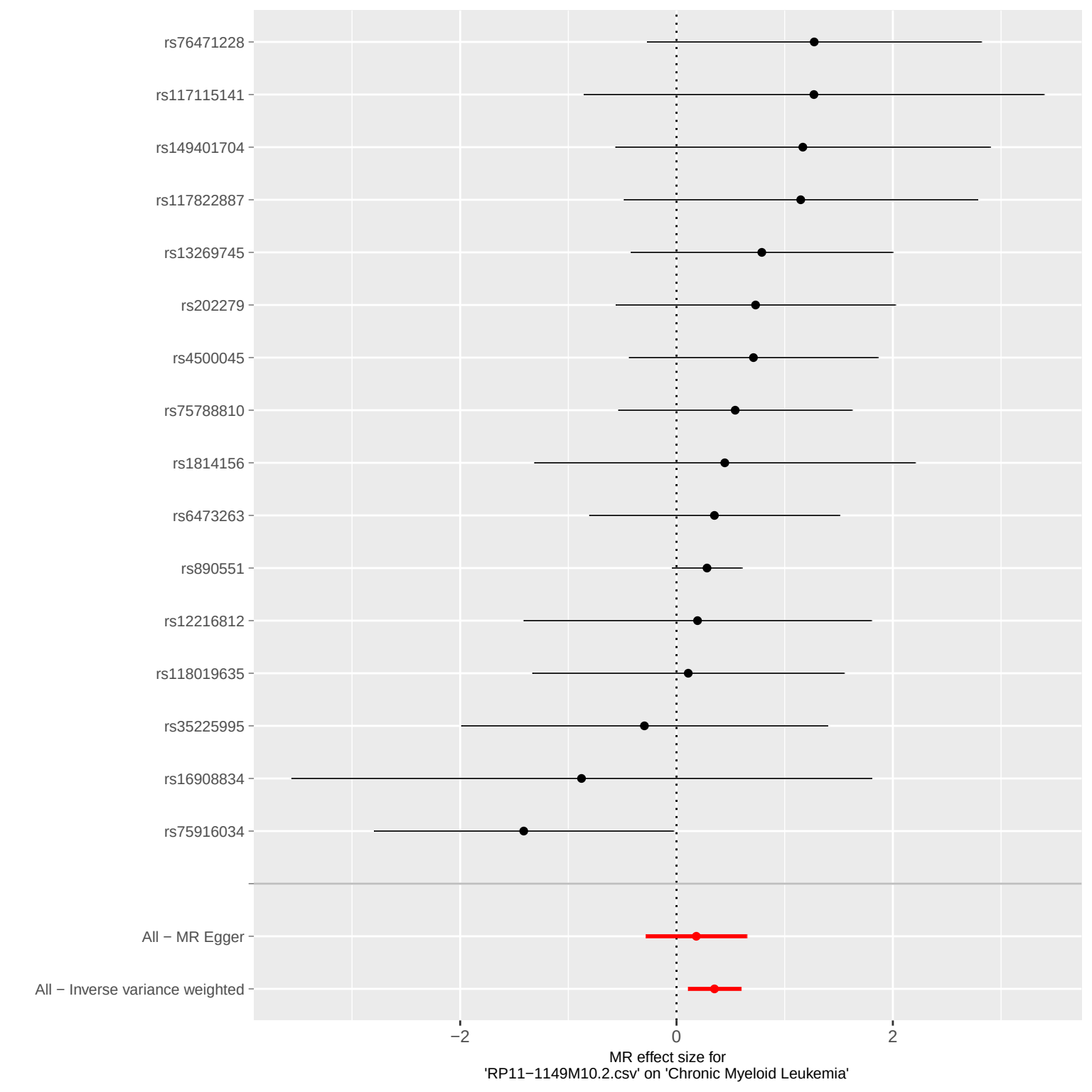
rs35927274
rs11656322
rs11080327
rs117601364
rs78427228
rs77096411
rs113699401
rs9303685
rs9916021
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'RP11−1094M14.5.csv' on 'Chronic Myeloid Leukemia'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rs4500045
rs75788810
rs1814156
rs6473263
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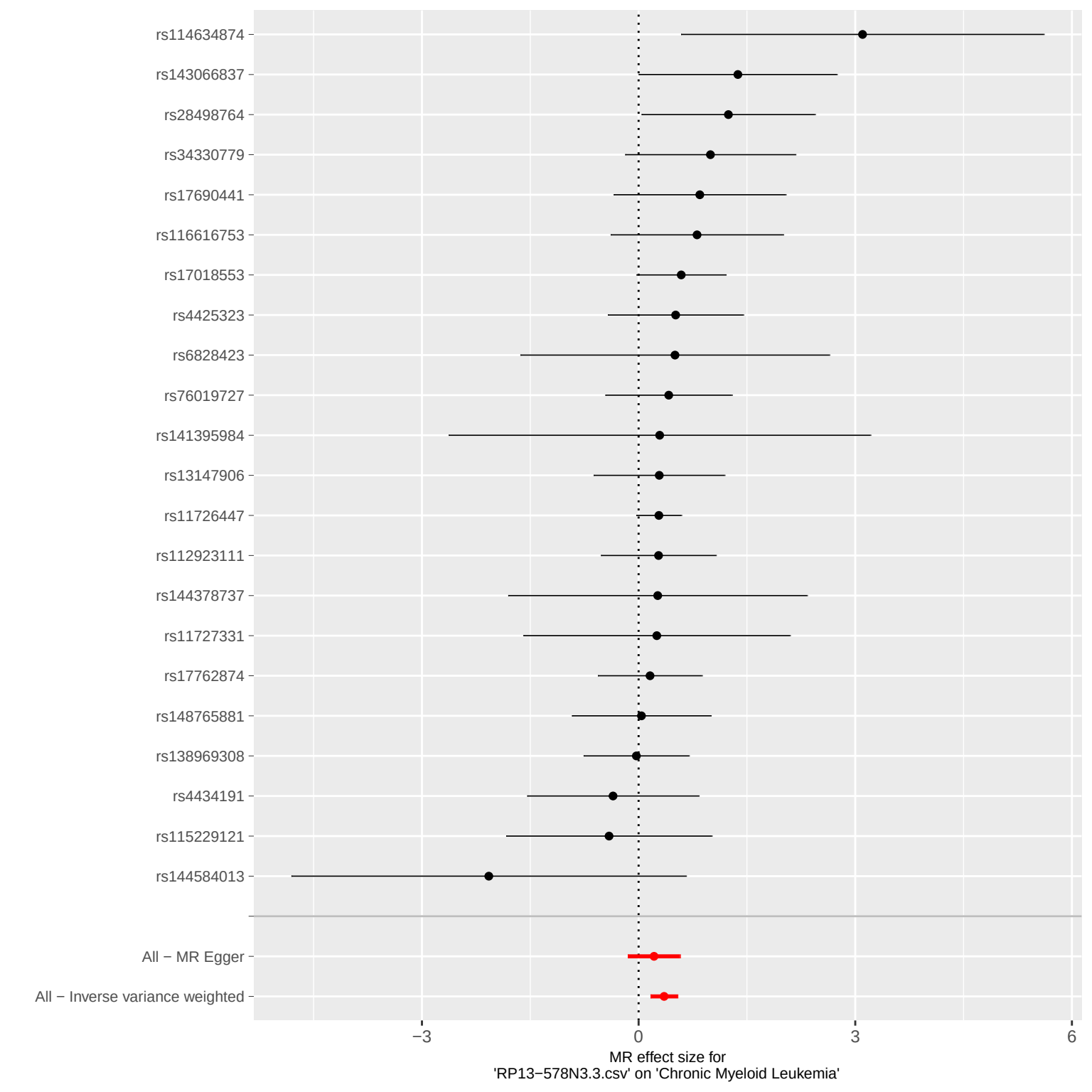
rs12216812
rs118019635
rs35225995
rs16908834
rs75916034
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RP11−1149M10.2.csv' on 'Chronic Myeloid Leukemia'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rs112923111
rs144378737
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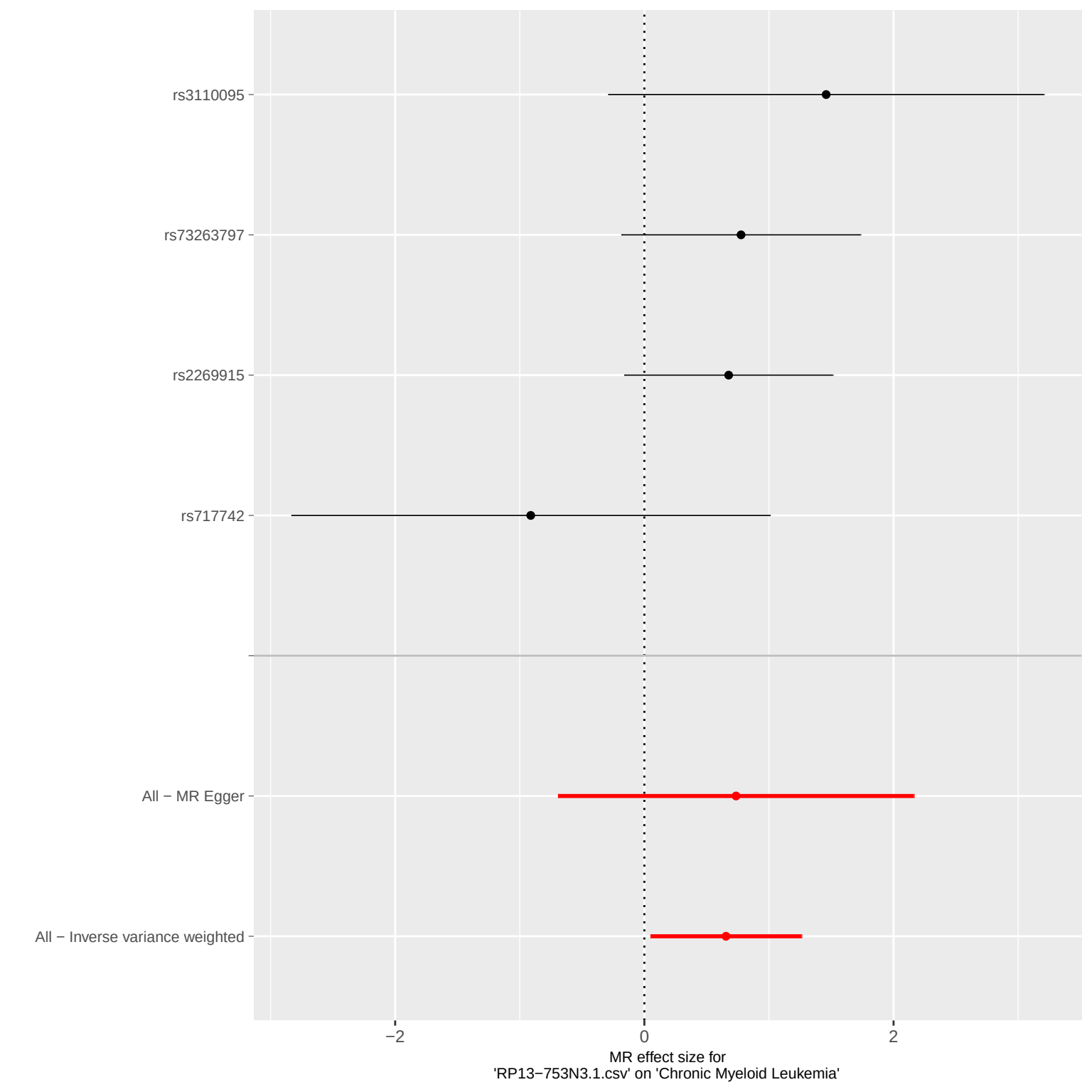
rs17762874
rs148765881
rs138969308
rs4434191
rs115229121
rs144584013
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'RP13−578N3.3.csv' on 'Chronic Myeloid Leukemia'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rs73263797
rs2269915
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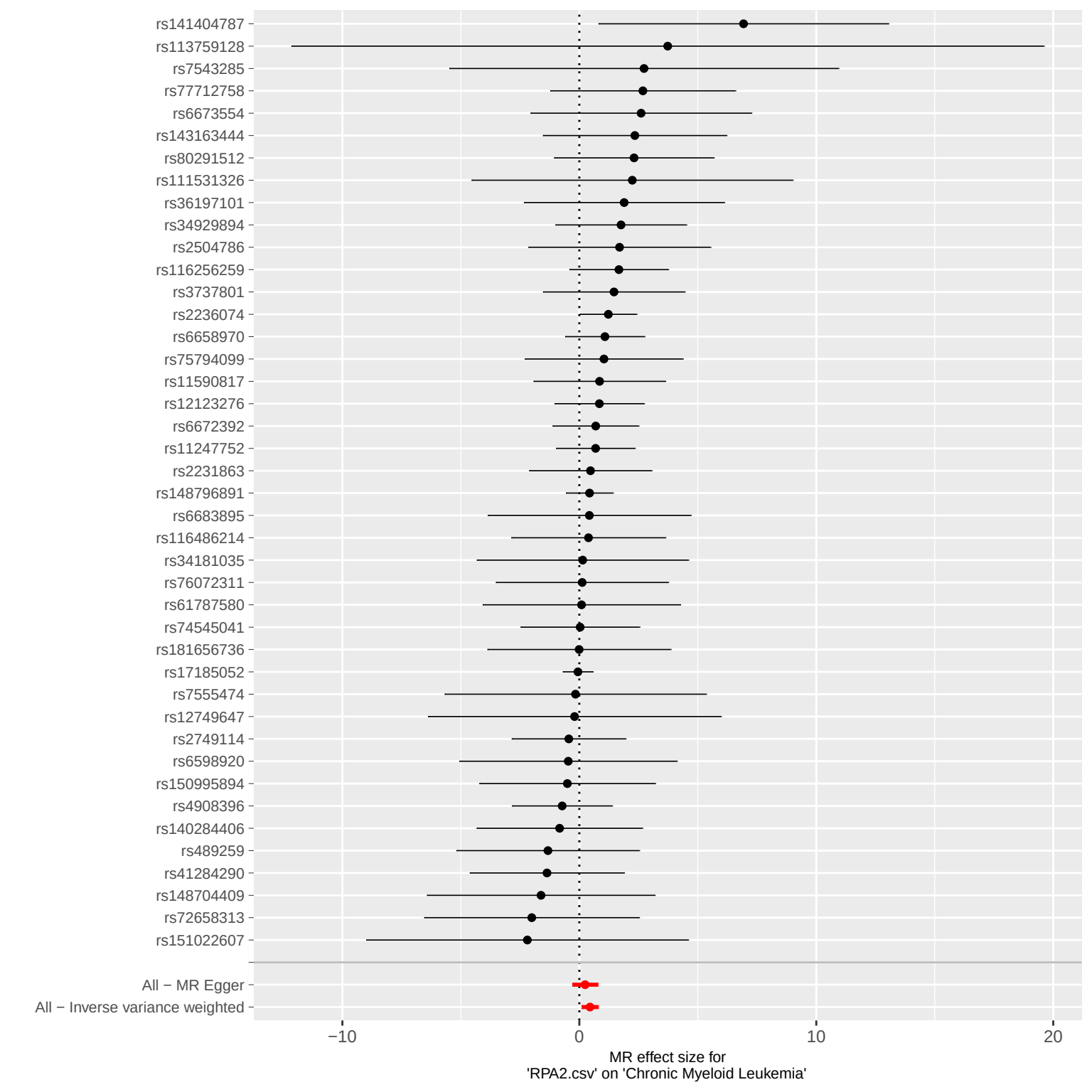
All − Inverse variance weighted
−2
0
2
MR effect size for
'RP13−753N3.1.csv' on 'Chronic Myeloid Leukemia'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rs116256259
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rs2236074
rs6658970
rs75794099
rs11590817
rs12123276
rs6672392
rs11247752
rs2231863
rs148796891
rs6683895
rs116486214
rs34181035
rs76072311
rs61787580
rs74545041
rs181656736
rs17185052
rs7555474
rs12749647
rs2749114
rs6598920
rs150995894
rs4908396
rs140284406
rs489259
rs41284290
rs148704409
rs72658313
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All − MR Egger
All − Inverse variance weighted
−10
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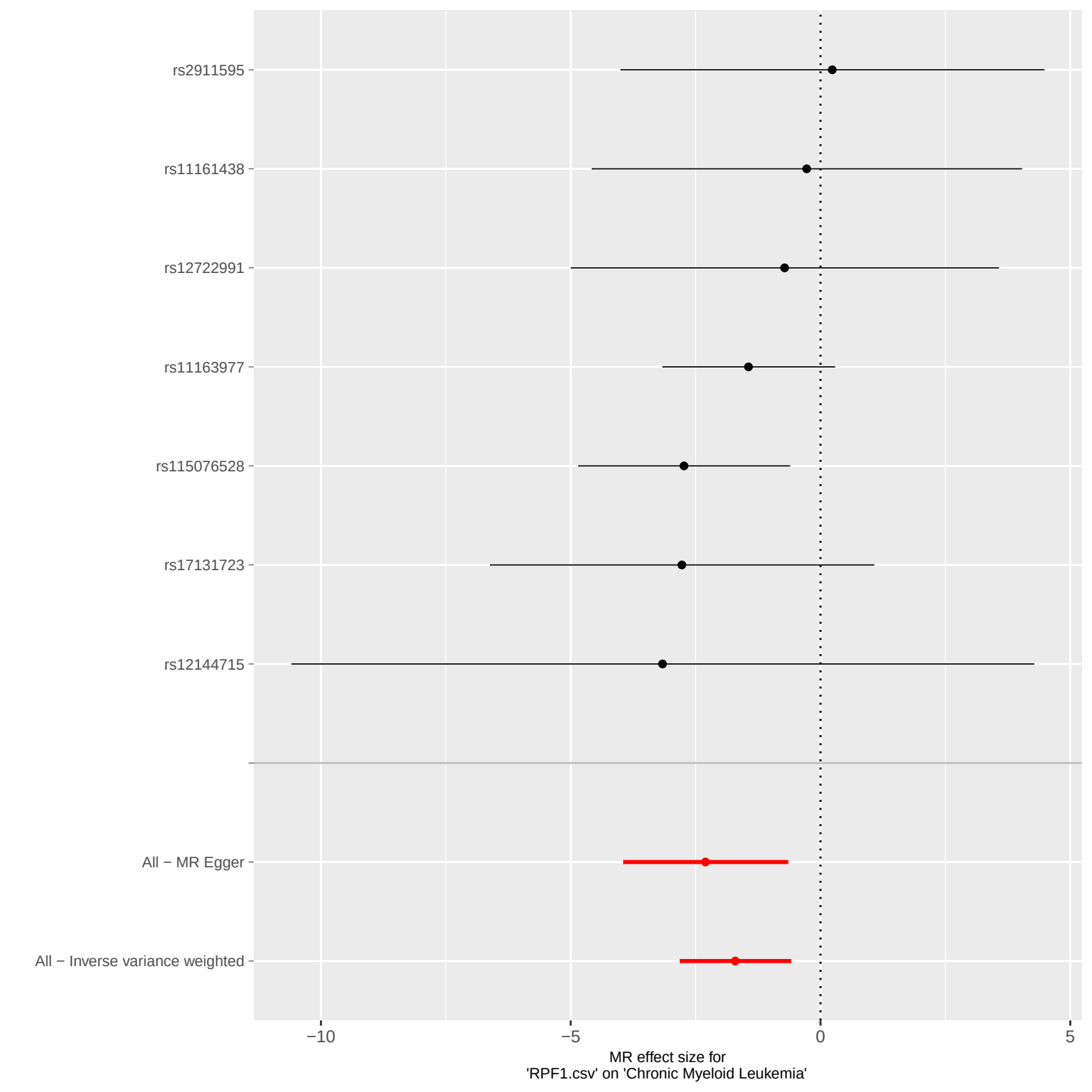
10
20
MR effect size for
'RPA2.csv' on 'Chronic Myeloid Leukemia'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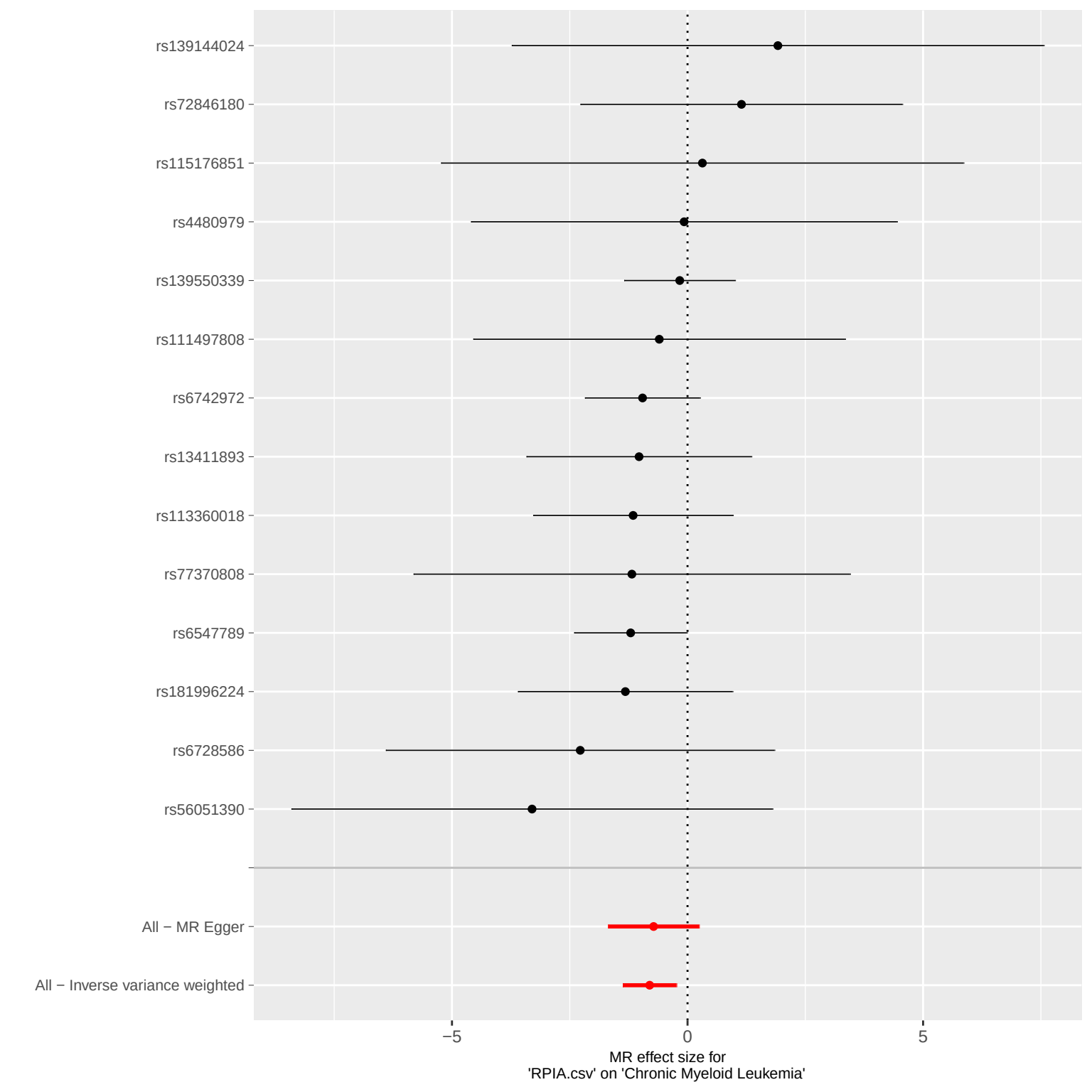
rs11161438
rs12722991
rs11163977
rs115076528
rs17131723
rs12144715
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'RPF1.csv' on 'Chronic Myeloid Leukemia'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rs6547789
rs181996224
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All − MR Egger
All − Inverse variance weighted
−5
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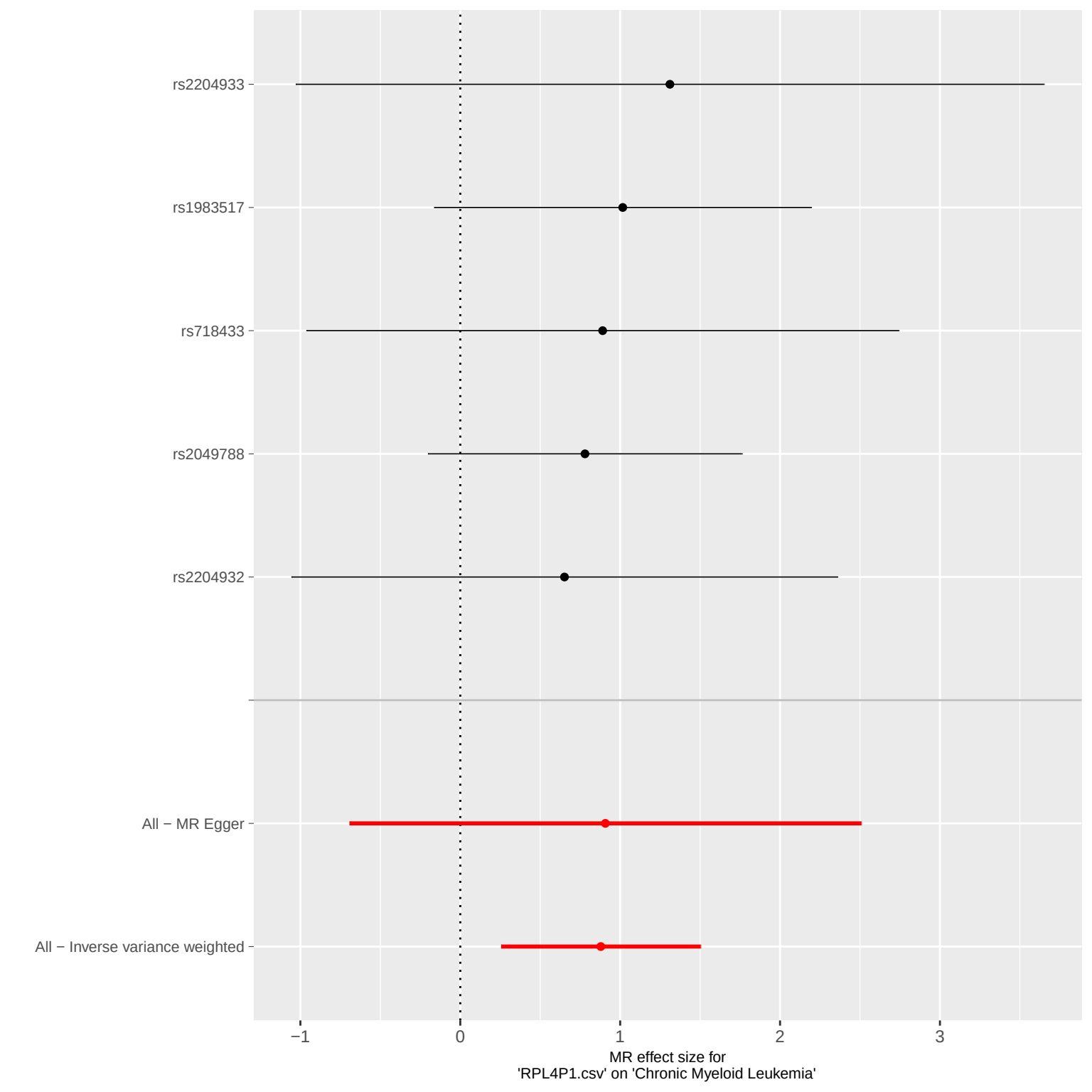
MR effect size for
'RPIA.csv' on 'Chronic Myeloid Leukemia'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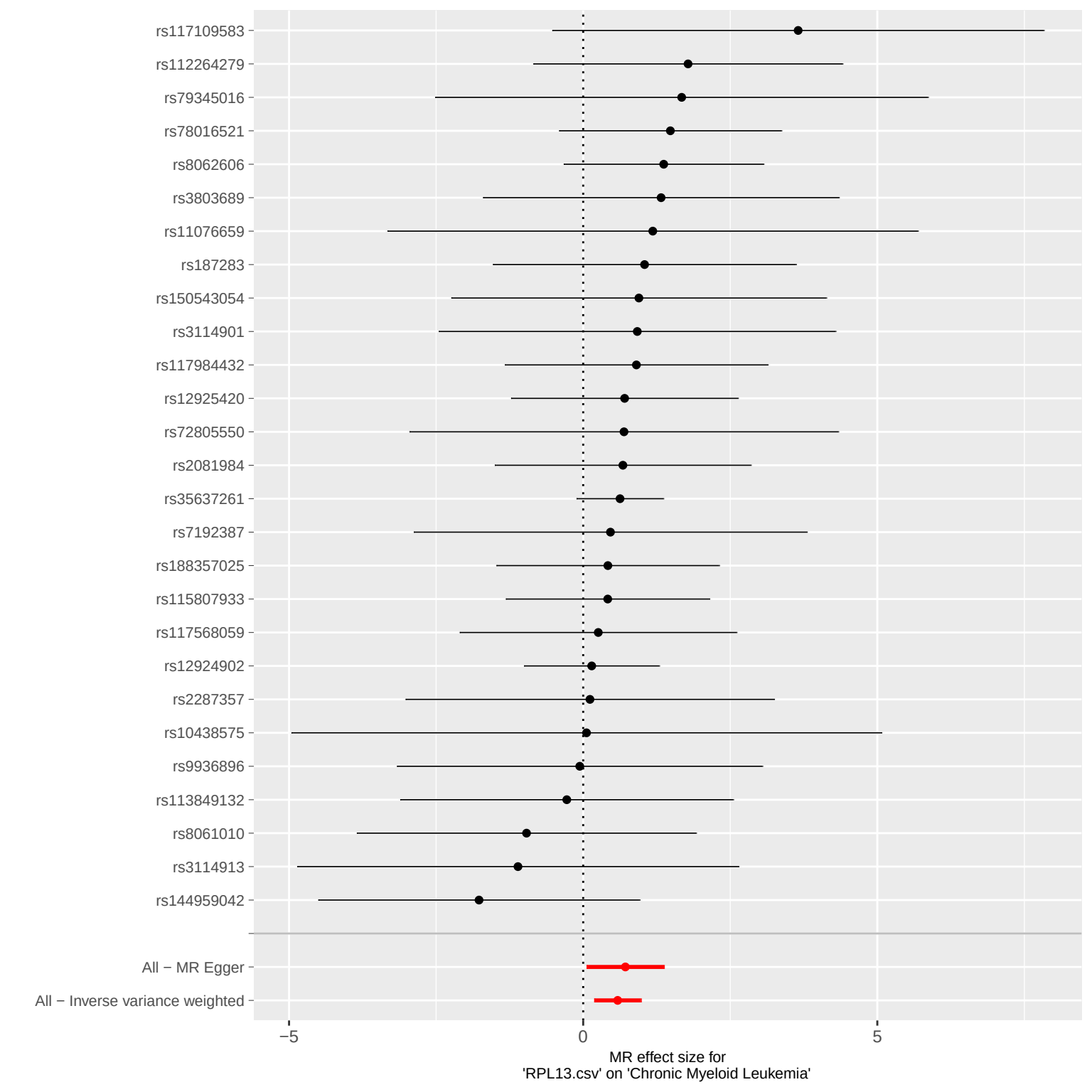
rs1983517
rs718433
rs2049788
rs2204932
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'RPL4P1.csv' on 'Chronic Myeloid Leukemia'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rs78016521
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rs117984432
rs12925420
rs72805550
rs2081984
rs35637261
rs7192387
rs188357025
rs115807933
rs117568059
rs12924902
rs2287357
rs10438575
rs9936896
rs113849132
rs8061010
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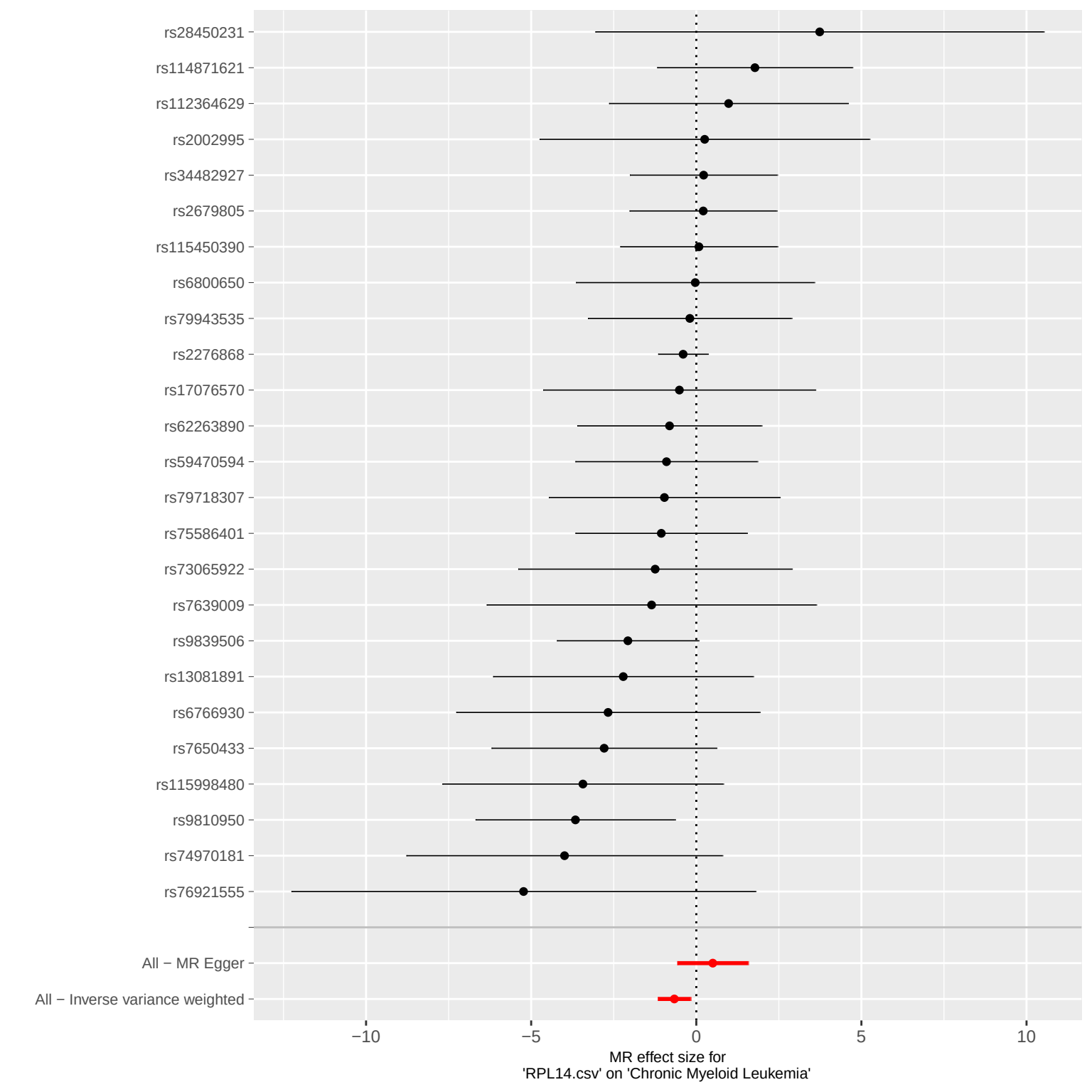
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'RPL13.csv' on 'Chronic Myeloid Leukemia'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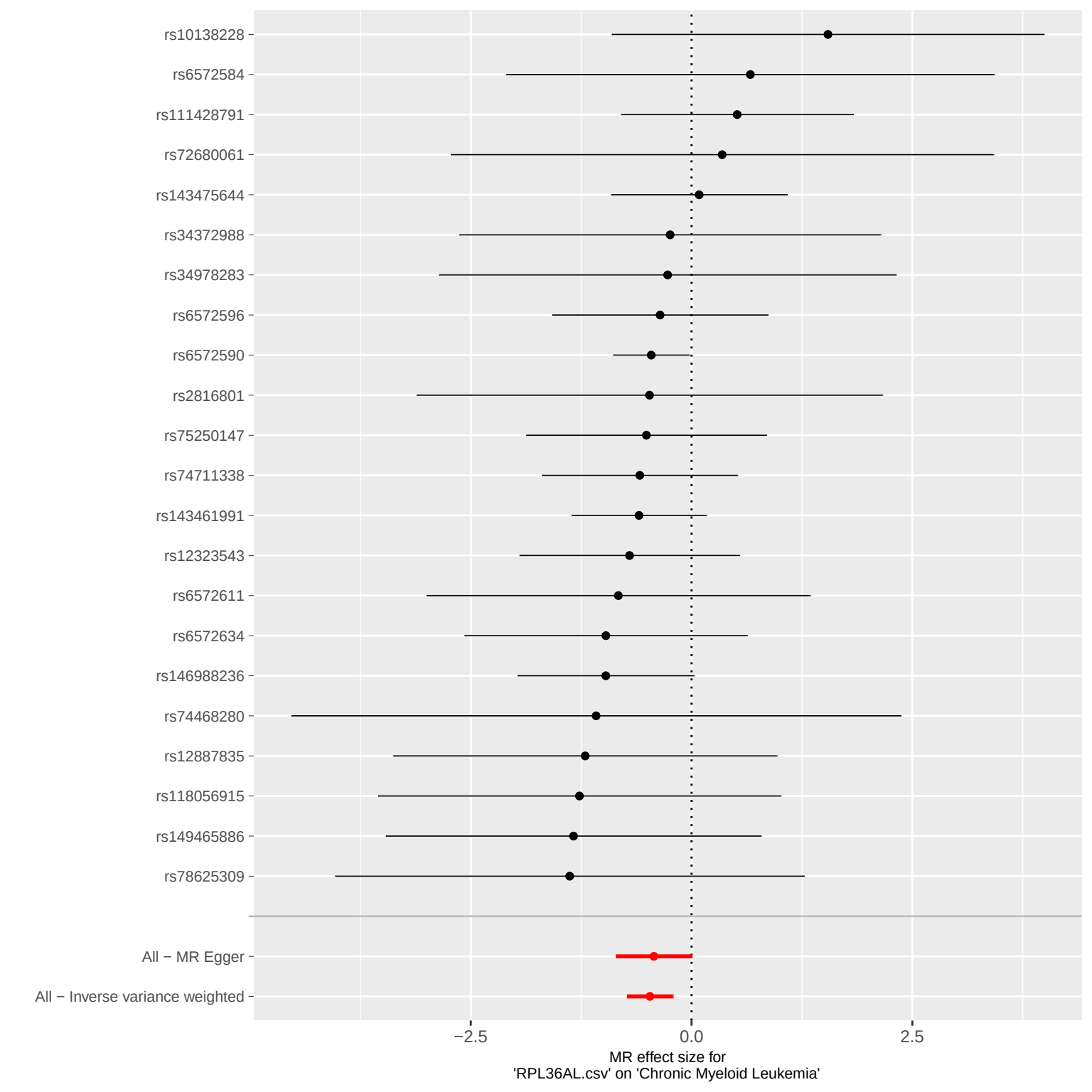
rs75586401
rs73065922
rs7639009
rs9839506
rs13081891
rs6766930
rs7650433
rs115998480
rs9810950
rs74970181
rs76921555
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'RPL14.csv' on 'Chronic Myeloid Leukemia'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rs6572611
rs6572634
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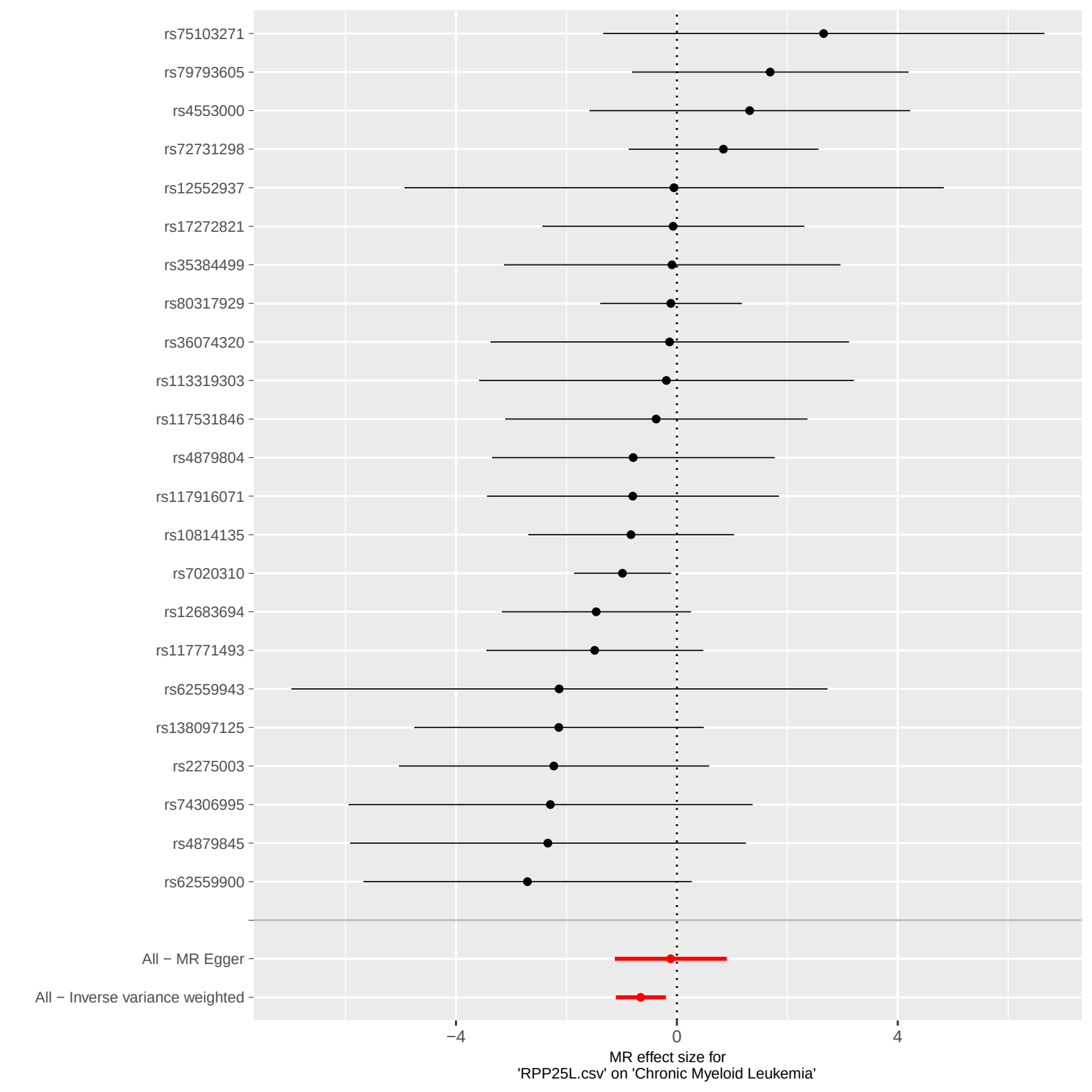
rs12887835
rs118056915
rs149465886
rs78625309
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'RPL36AL.csv' on 'Chronic Myeloid Leukemia'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rs10814135
rs7020310
rs12683694
rs117771493
rs62559943
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rs2275003
rs74306995
rs4879845
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All − MR Egger
All − Inverse variance weighted
−4
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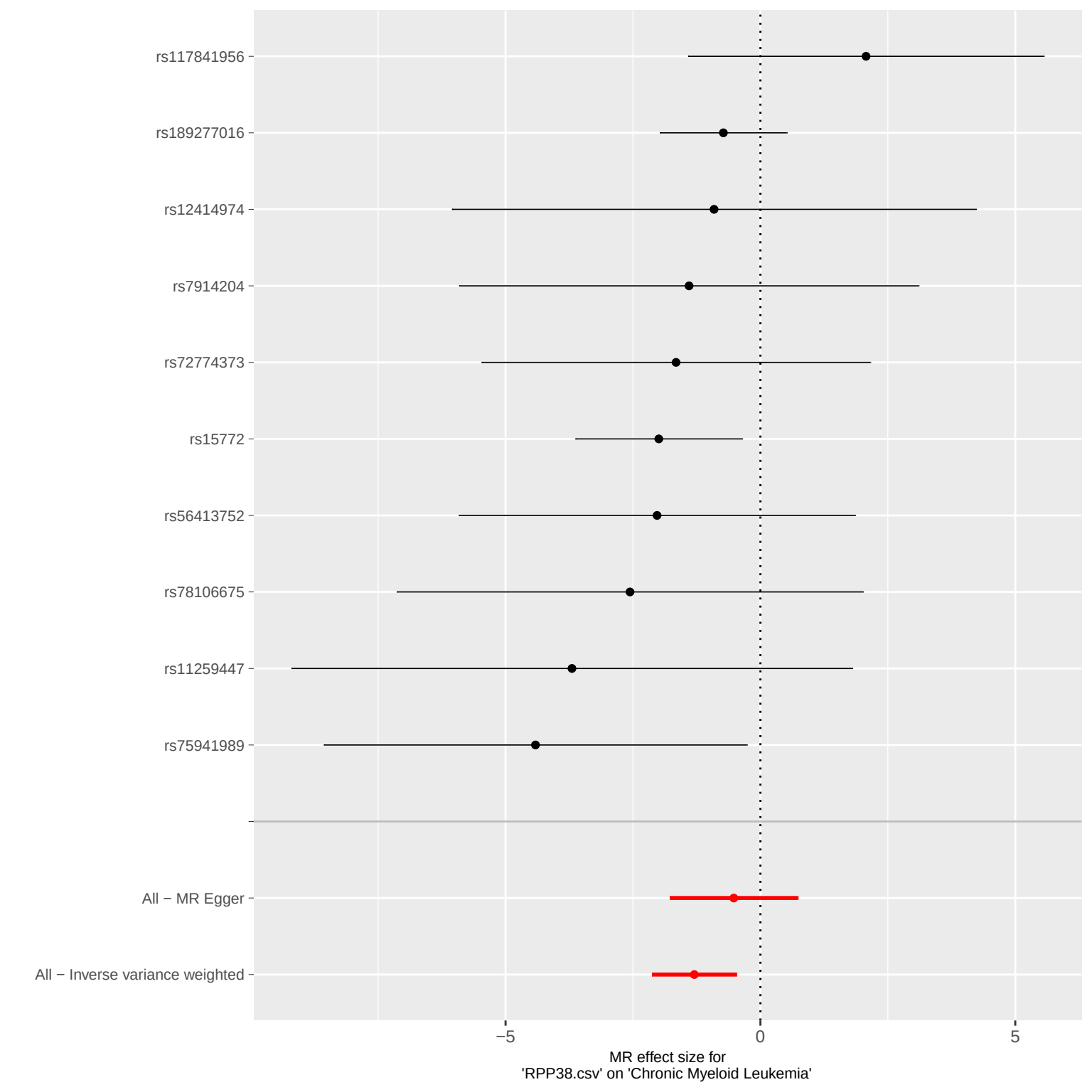
MR effect size for
'RPP25L.csv' on 'Chronic Myeloid Leukemia'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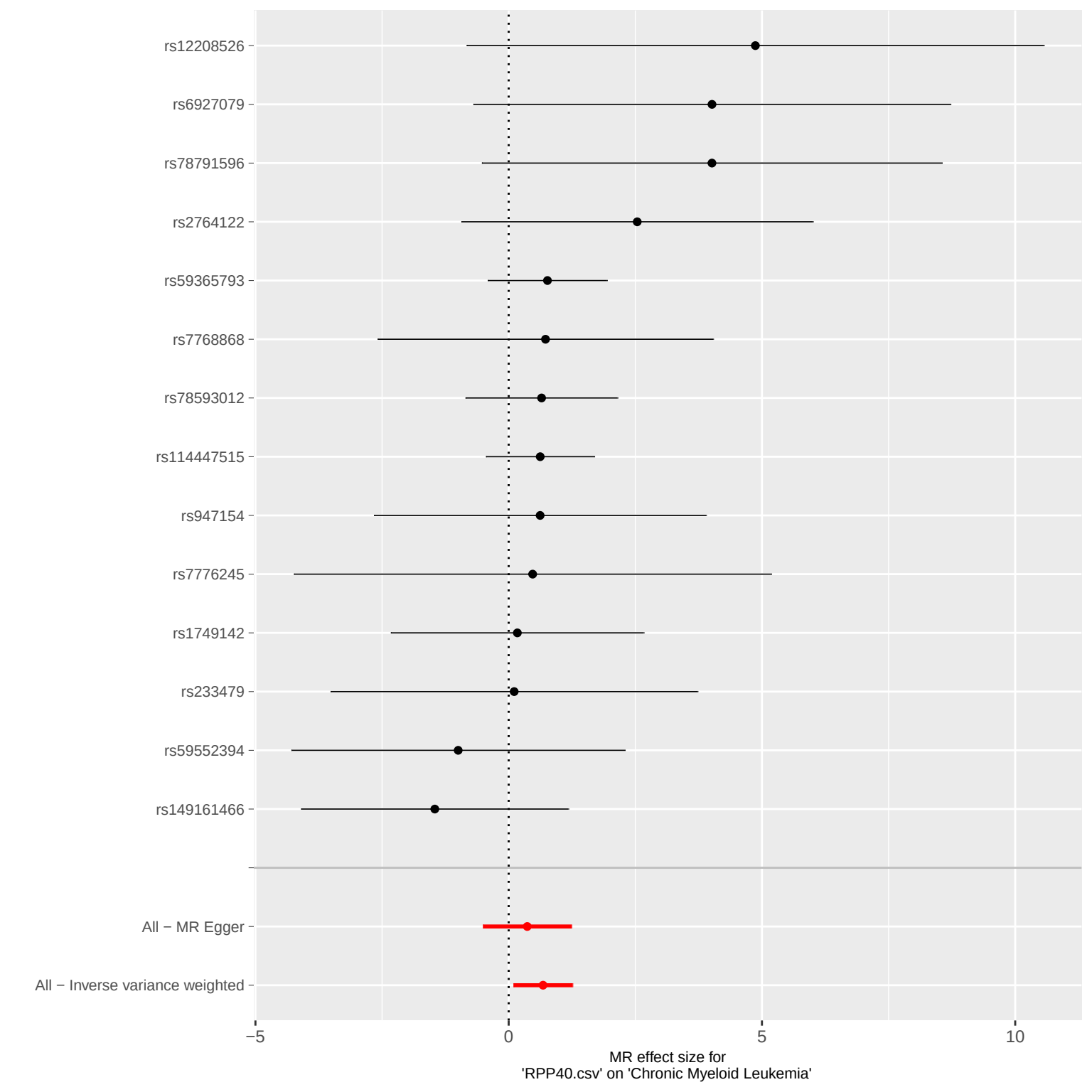
rs189277016
rs12414974
rs7914204
rs72774373
rs15772
rs56413752
rs78106675
rs11259447
rs75941989
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'RPP38.csv' on 'Chronic Myeloid Leukemia'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rs1749142
rs233479
rs59552394
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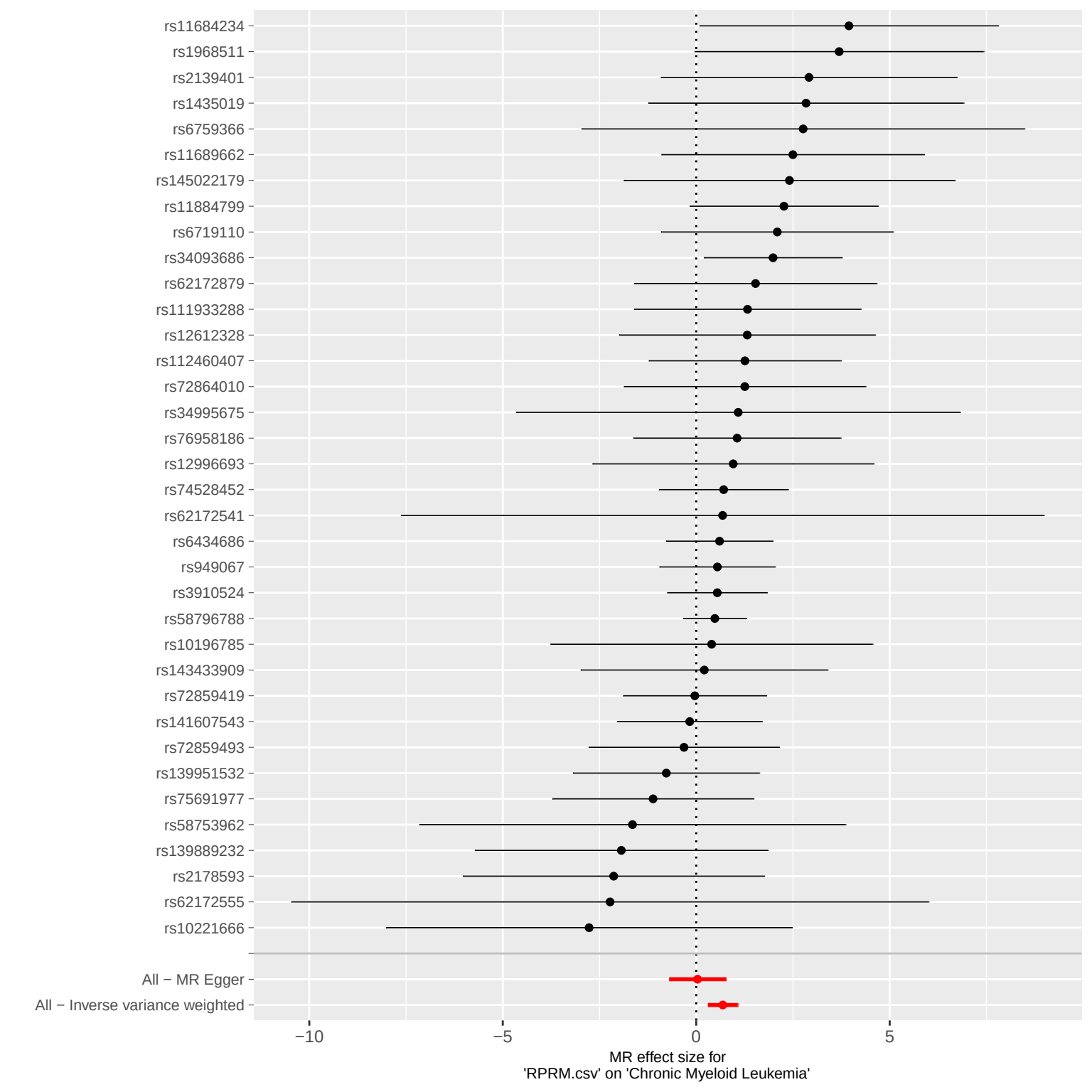
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RPP40.csv' on 'Chronic Myeloid Leukemia'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rs141607543
rs72859493
rs139951532
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rs139889232
rs2178593
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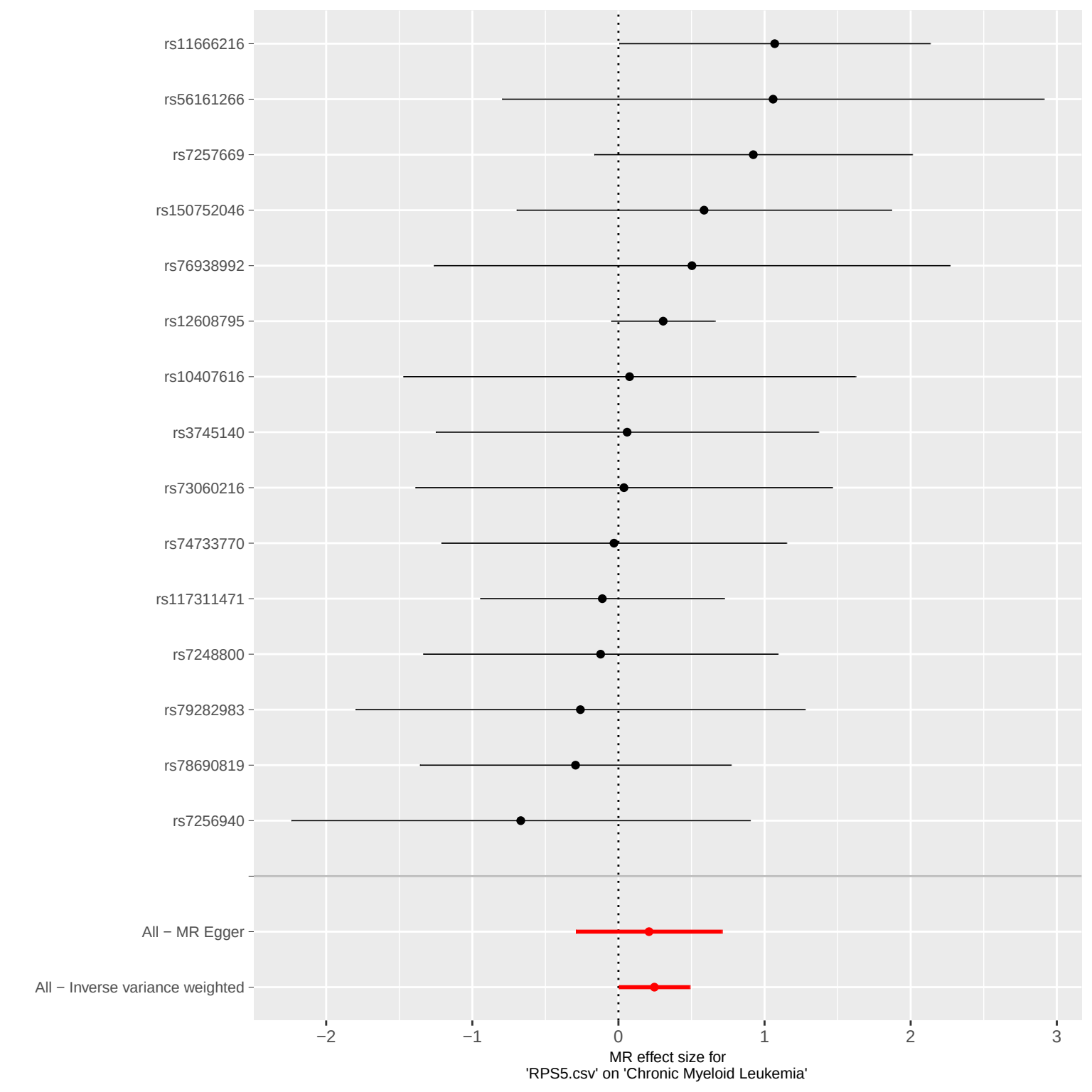
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'RPRM.csv' on 'Chronic Myeloid Leukemia'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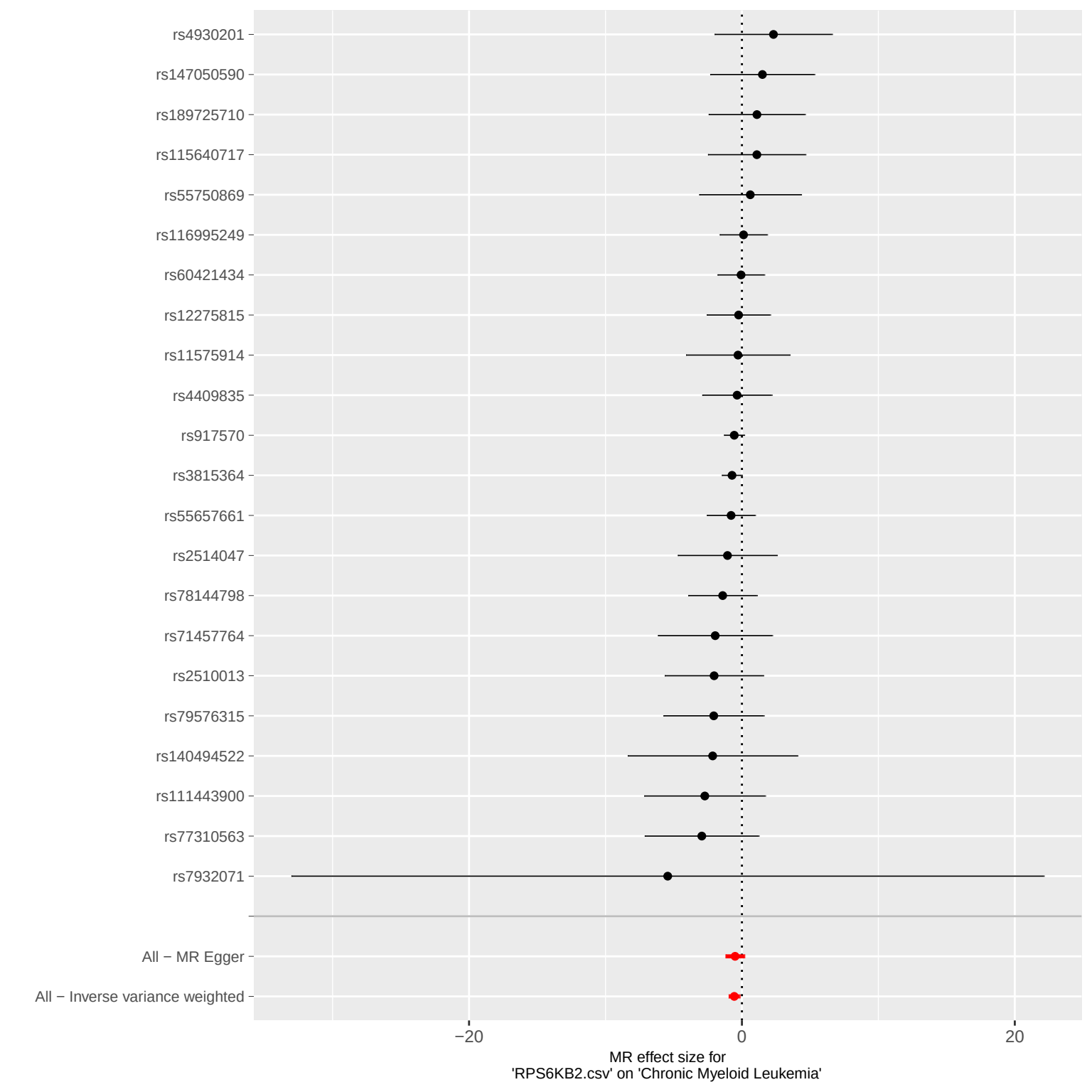
rs3745140
rs73060216
rs74733770
rs117311471
rs7248800
rs79282983
rs78690819
rs7256940
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'RPS5.csv' on 'Chronic Myeloid Leukemia'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rs917570
rs3815364
rs55657661
rs2514047
rs78144798
rs71457764
rs2510013
rs79576315
rs140494522
rs111443900
rs77310563
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All − MR Egger
All − Inverse variance weighted
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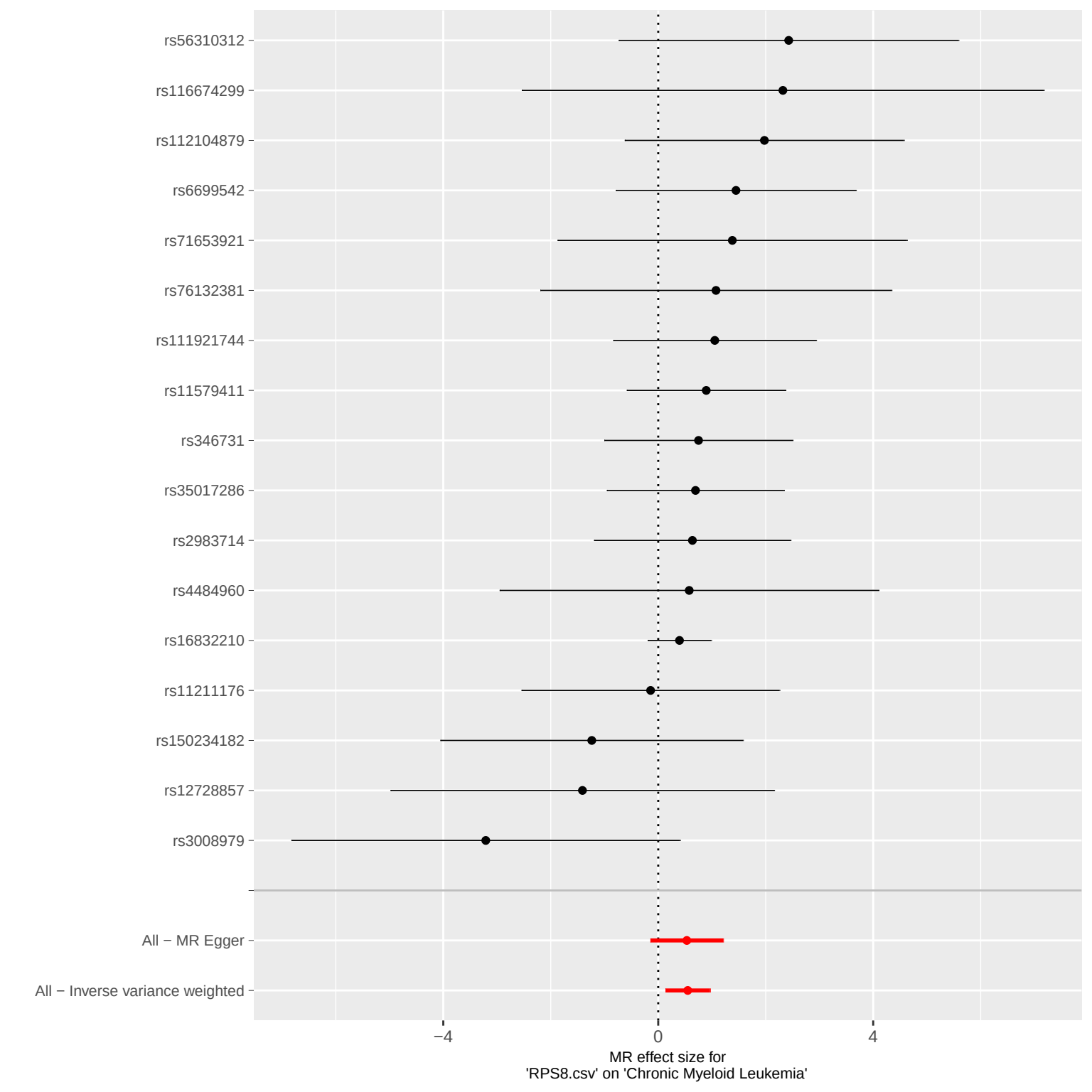
20
MR effect size for
'RPS6KB2.csv' on 'Chronic Myeloid Leukemia'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rs346731
rs35017286
rs2983714
rs4484960
rs16832210
rs11211176
rs150234182
rs12728857
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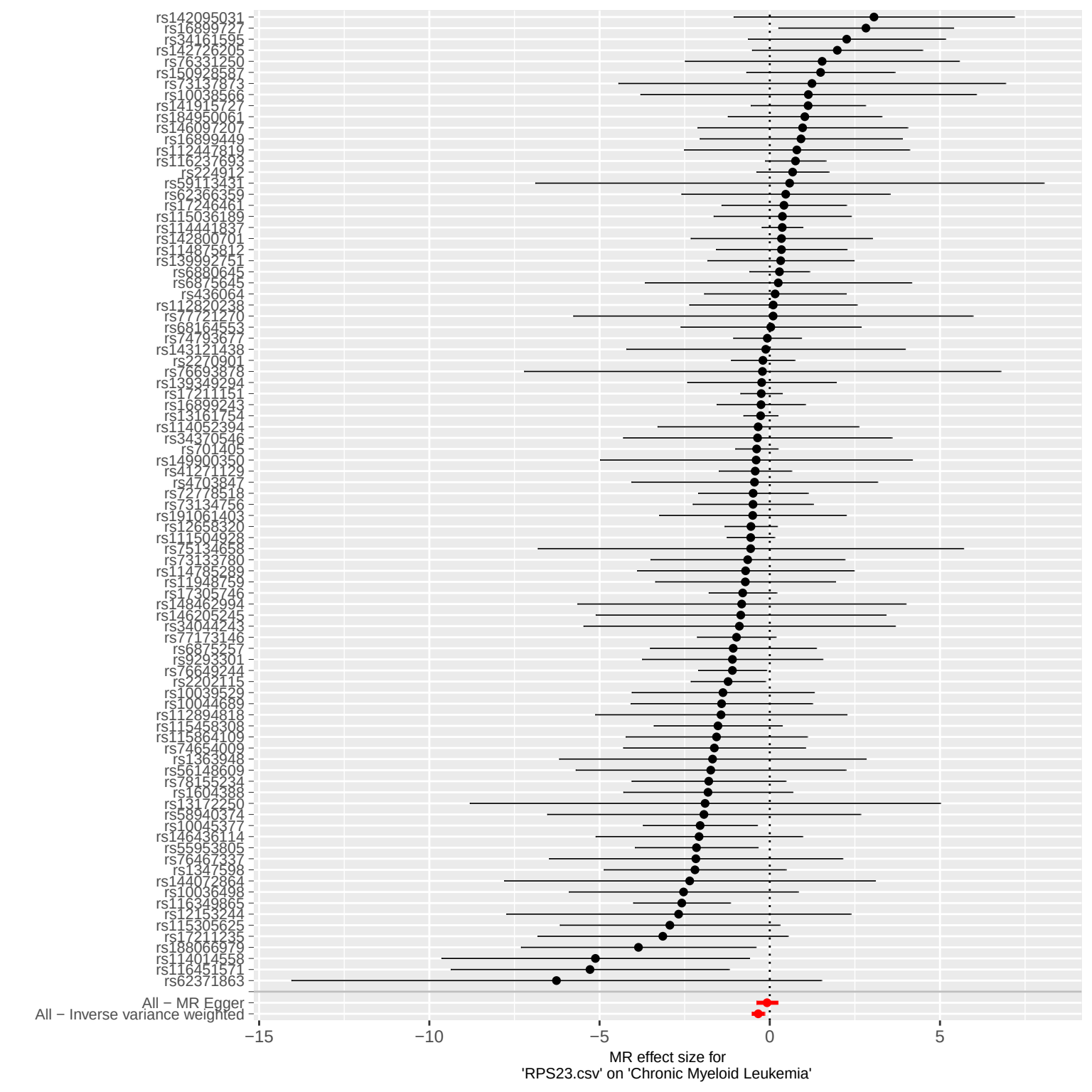
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'RPS8.csv' on 'Chronic Myeloid Leukemia'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rs146097207
rs16899449
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rs73134756
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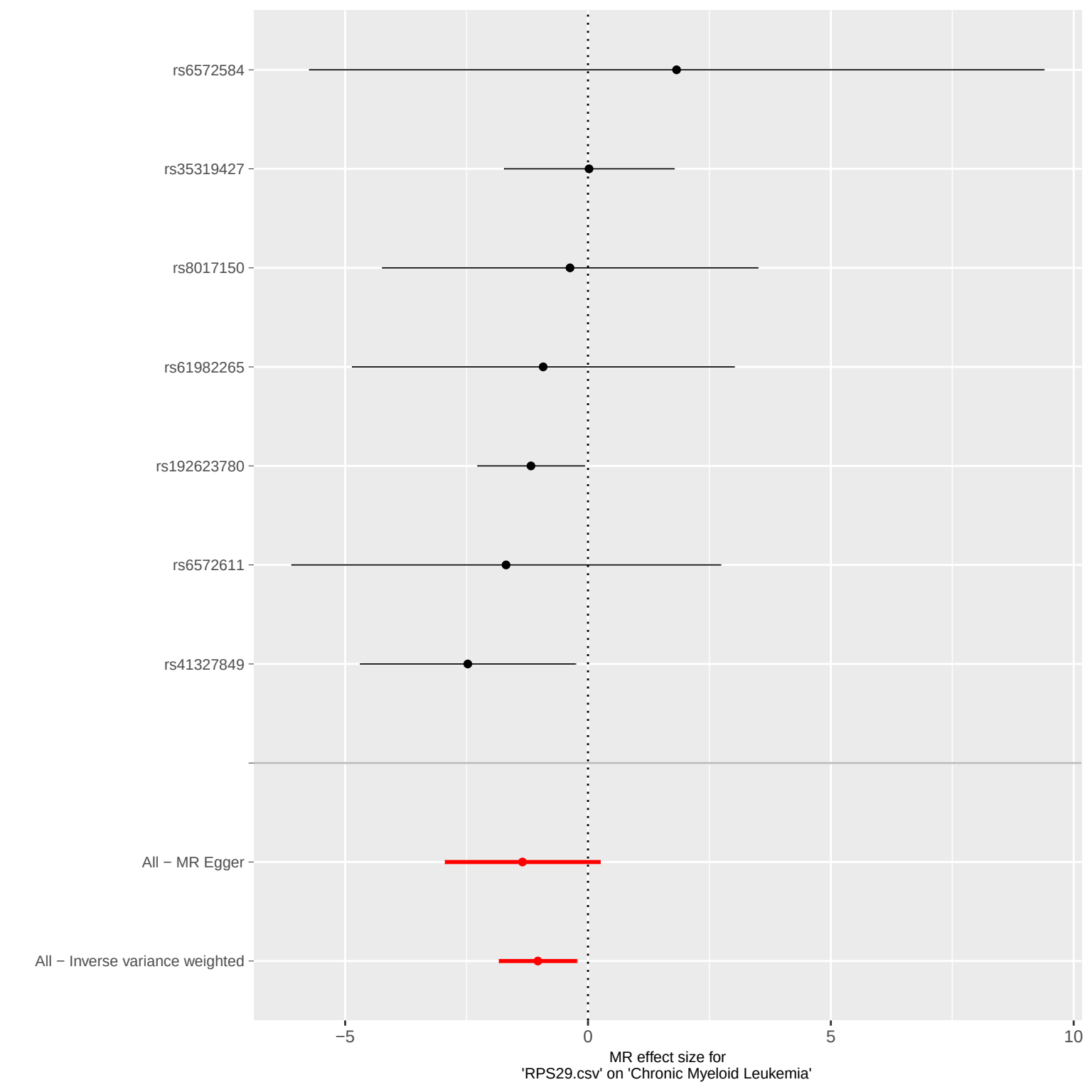
rs17211235
rs188066979
rs114014558
rs116451571
rs62371863
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
MR effect size for
'RPS23.csv' on 'Chronic Myeloid Leukemia'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rs35319427
rs8017150
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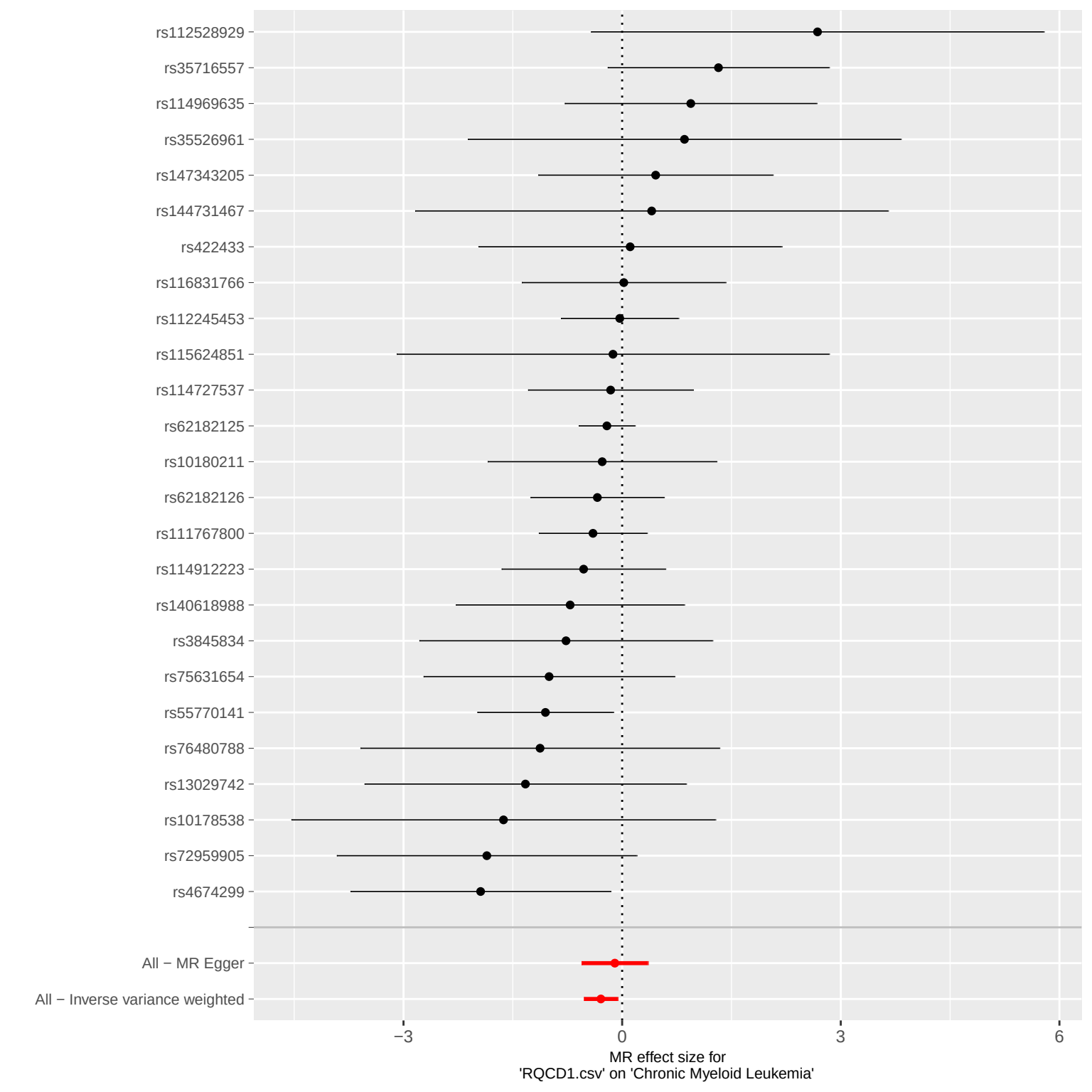
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RPS29.csv' on 'Chronic Myeloid Leukemia'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rs75631654
rs55770141
rs76480788
rs13029742
rs10178538
rs72959905
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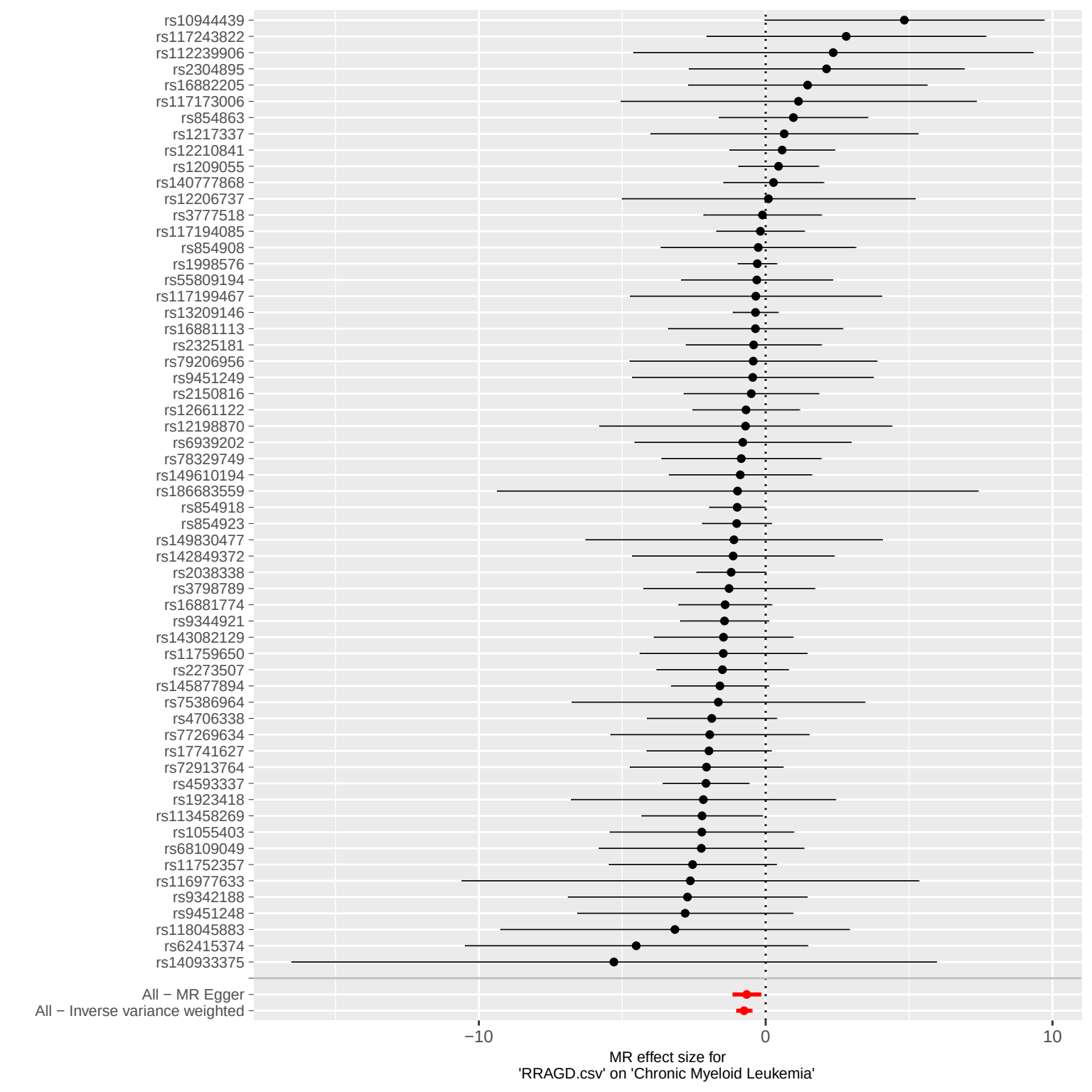
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'RQCD1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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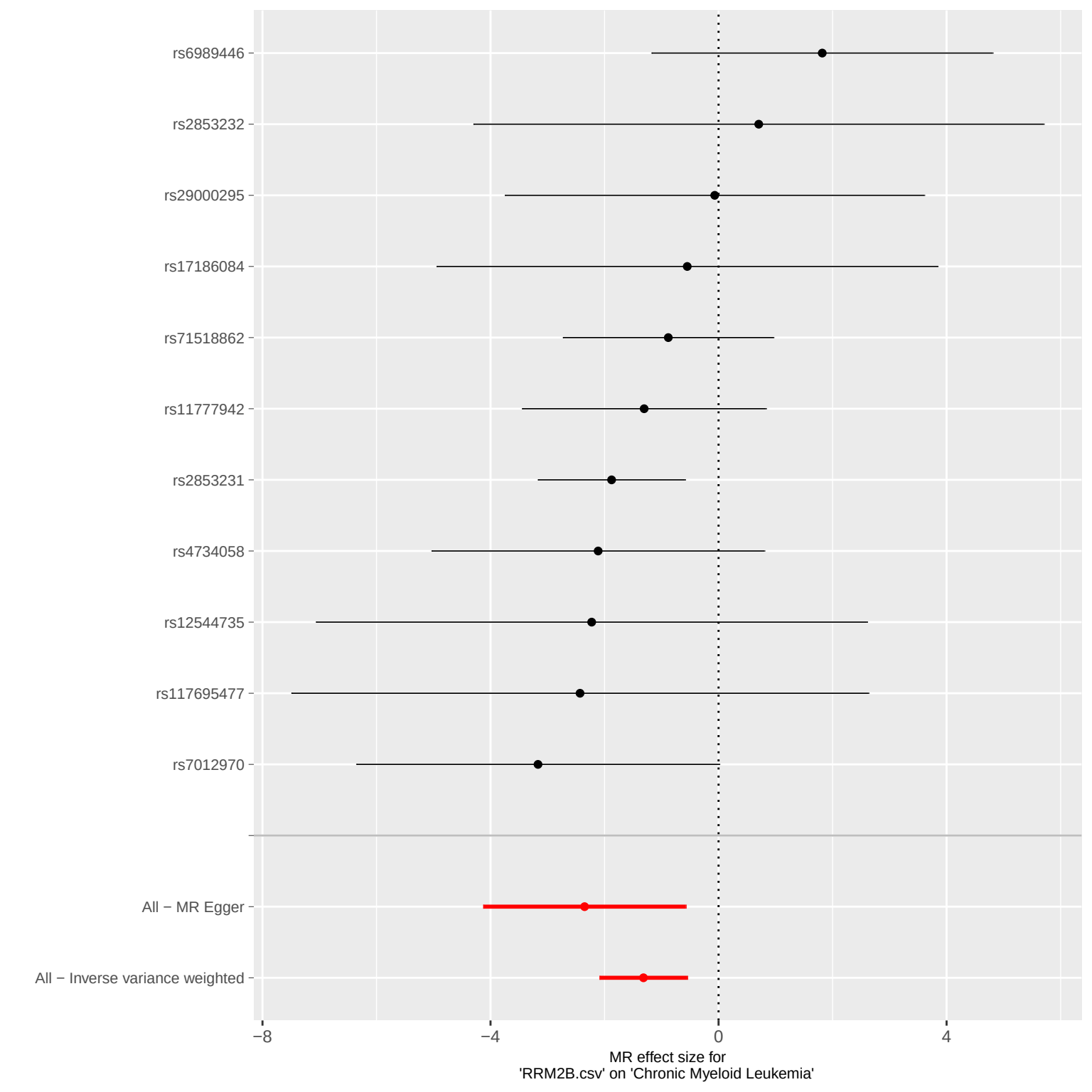
MR effect size for
'RRAGD.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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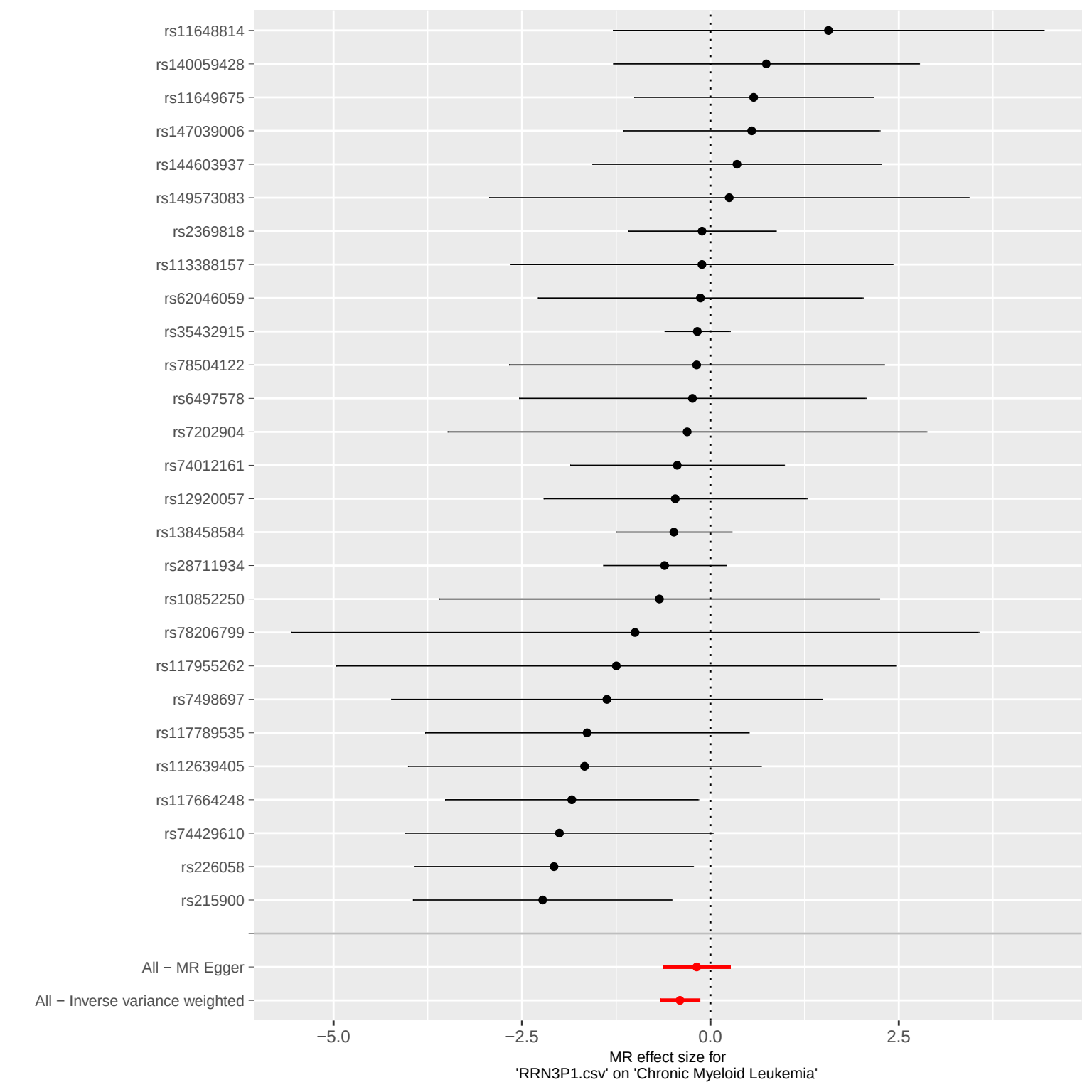
MR effect size for
'RRM2B.csv' on 'Chronic Myeloid Leukemia'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rs78206799
rs117955262
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rs117789535
rs112639405
rs117664248
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rs226058
rs215900
All − MR Egger
All − Inverse variance weighted
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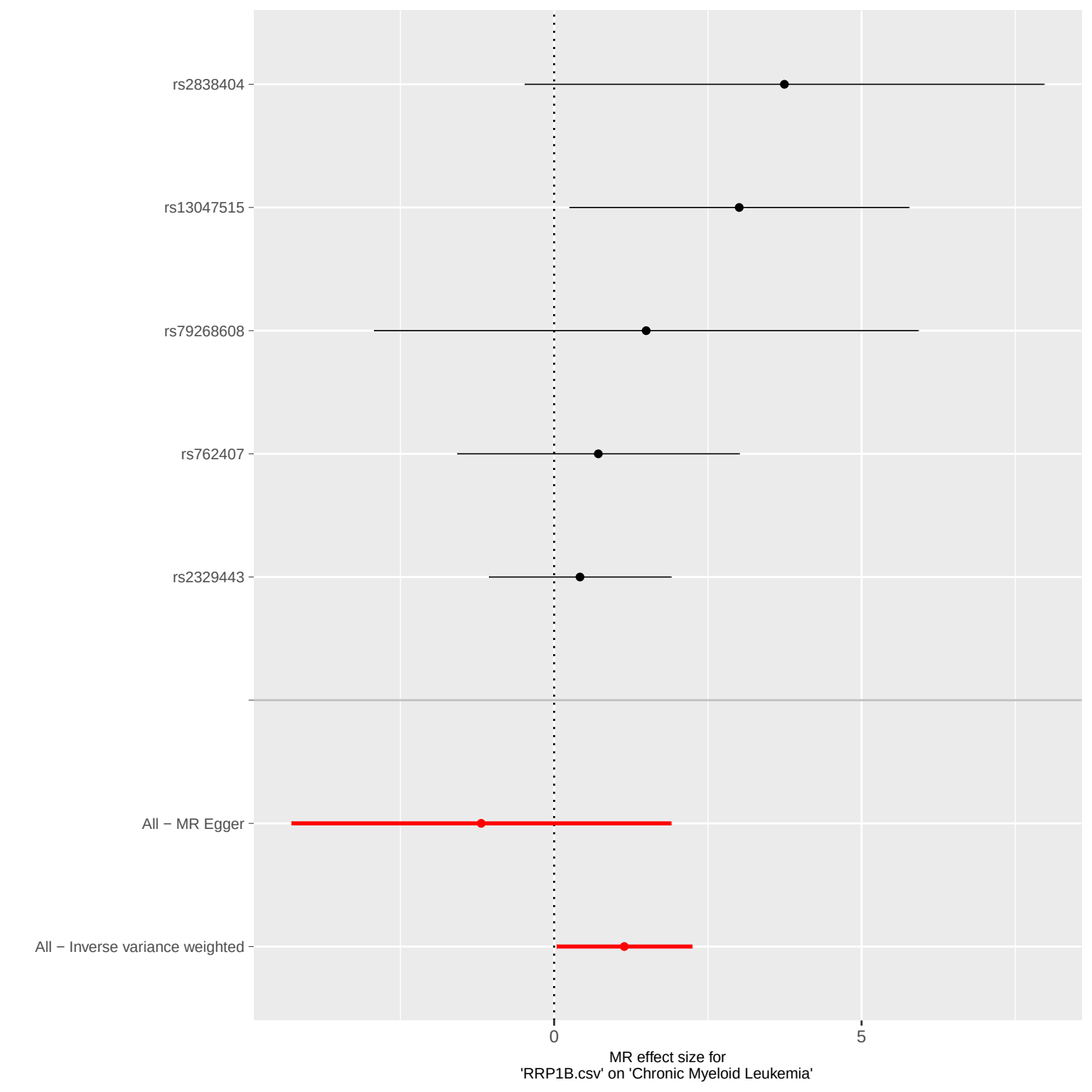
−2.5
0.0
2.5
MR effect size for
'RRN3P1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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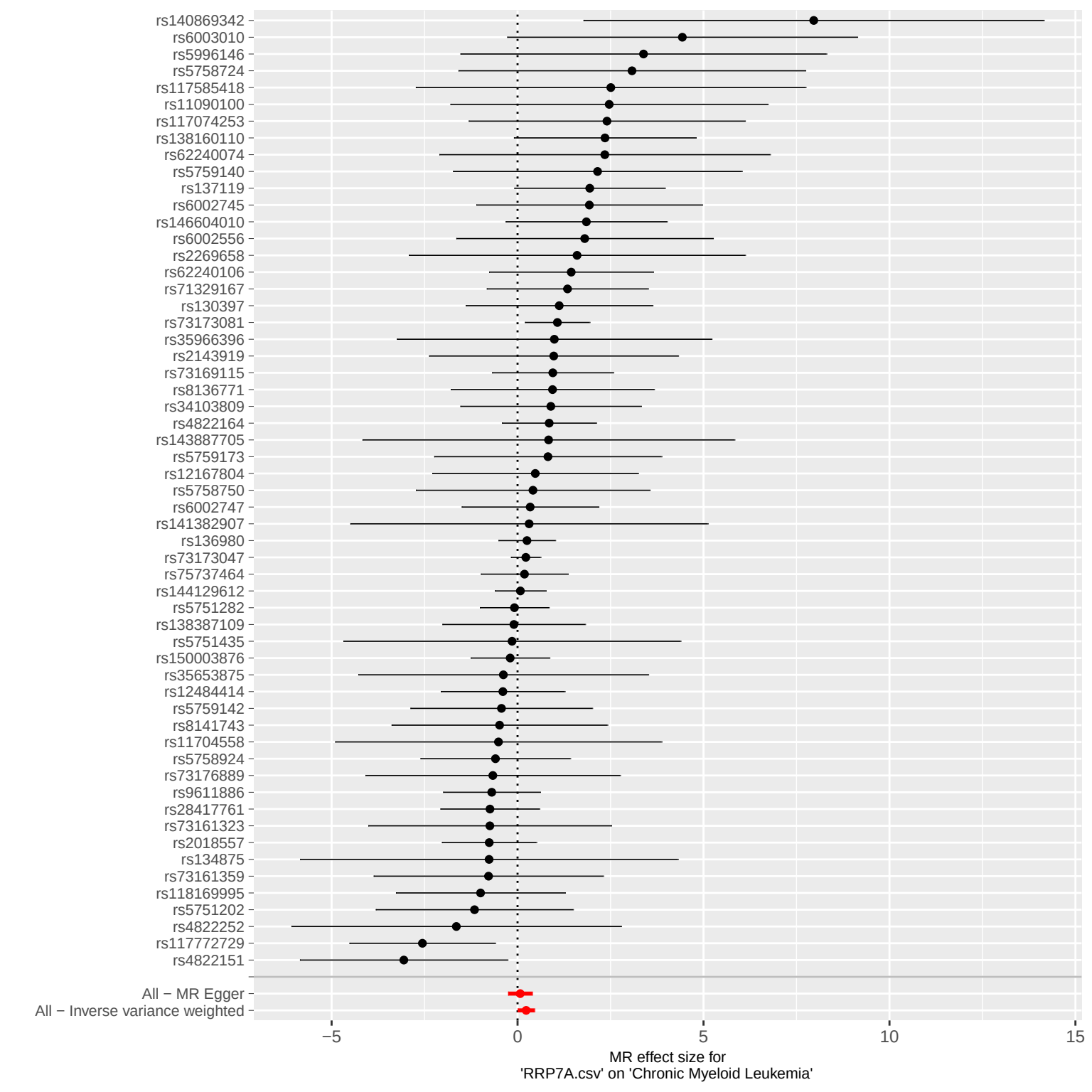
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All − Inverse variance weighted
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15
MR effect size for
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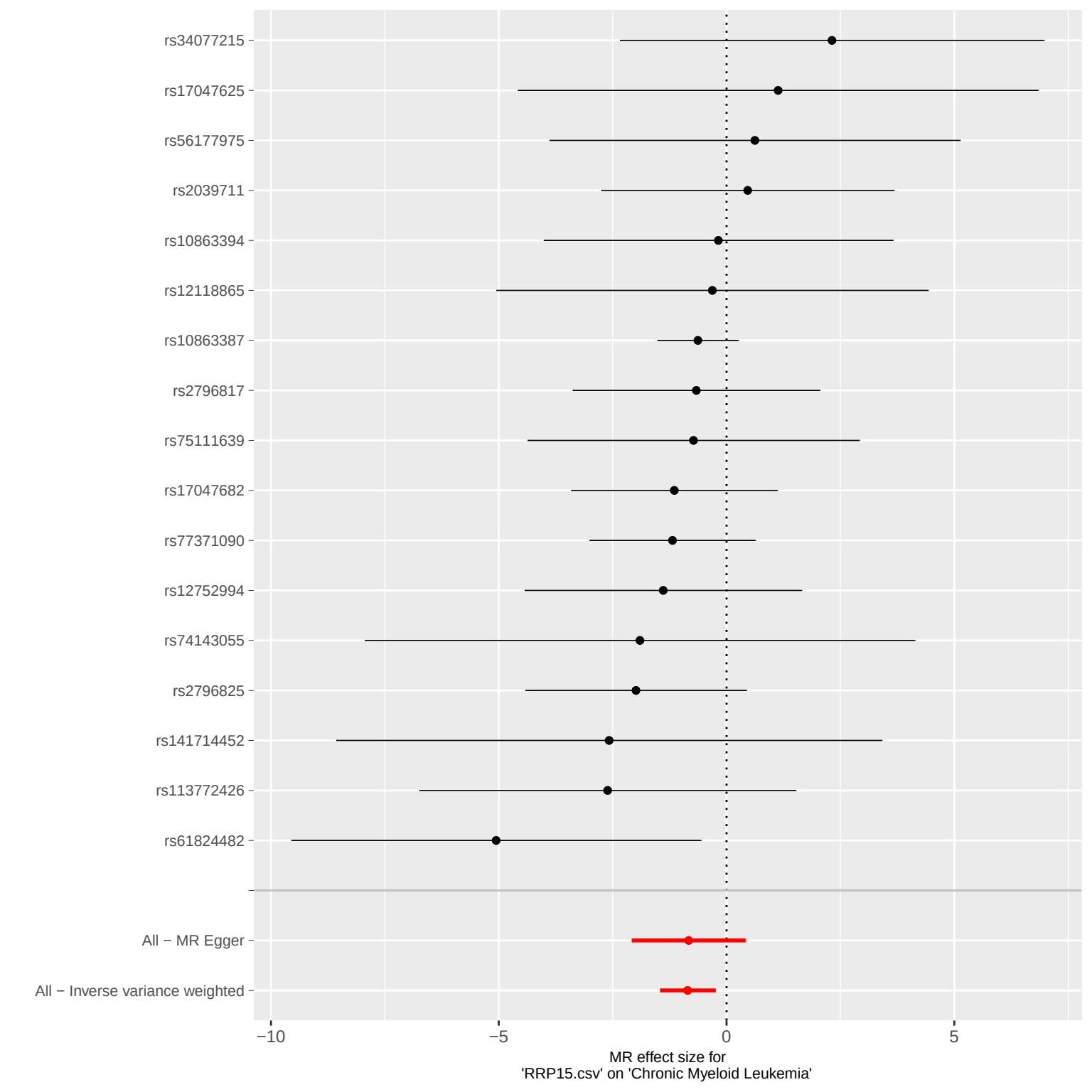
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All − MR Egger
All − Inverse variance weighted
−10
−5
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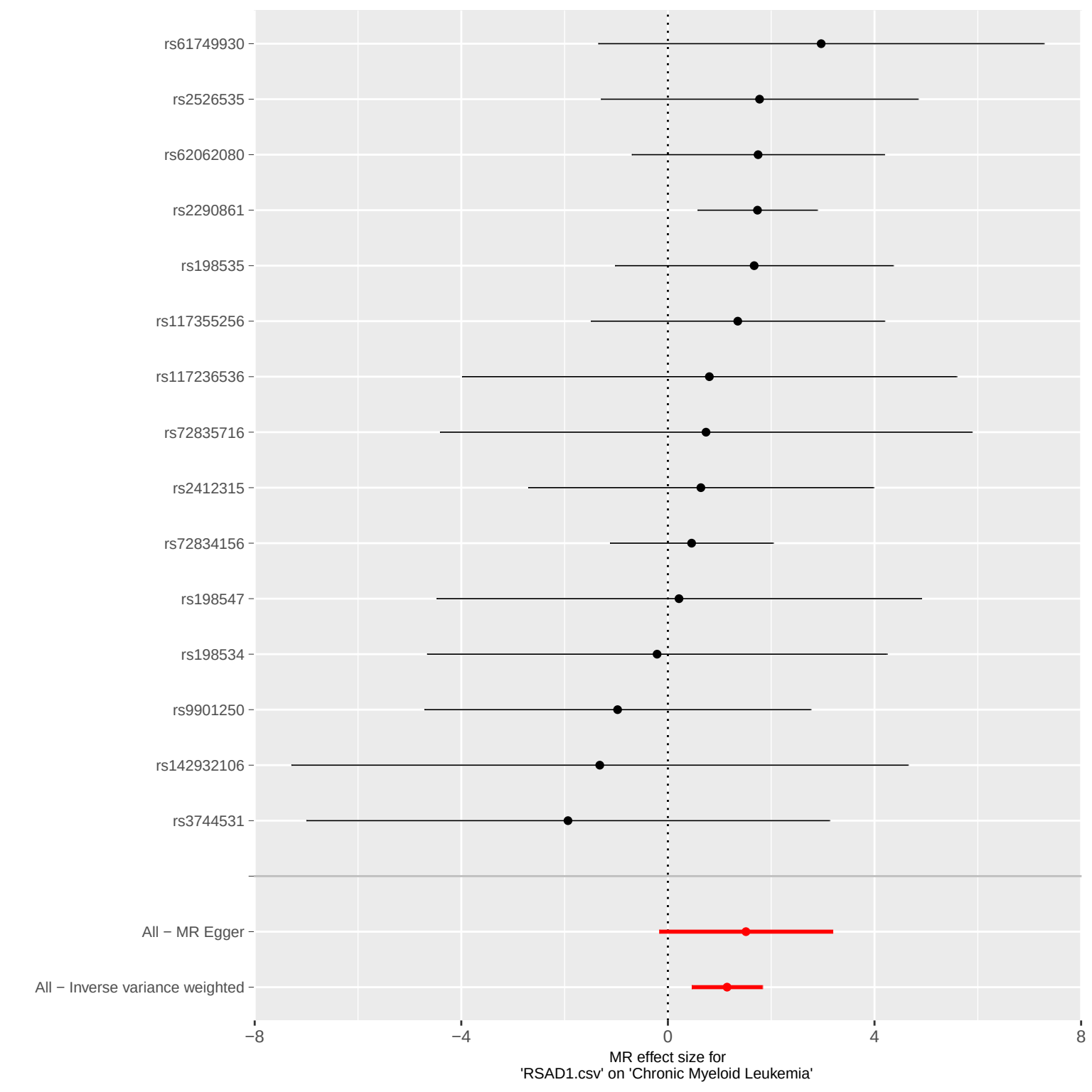
MR effect size for
'RRP15.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−8
−4
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4
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MR effect size for
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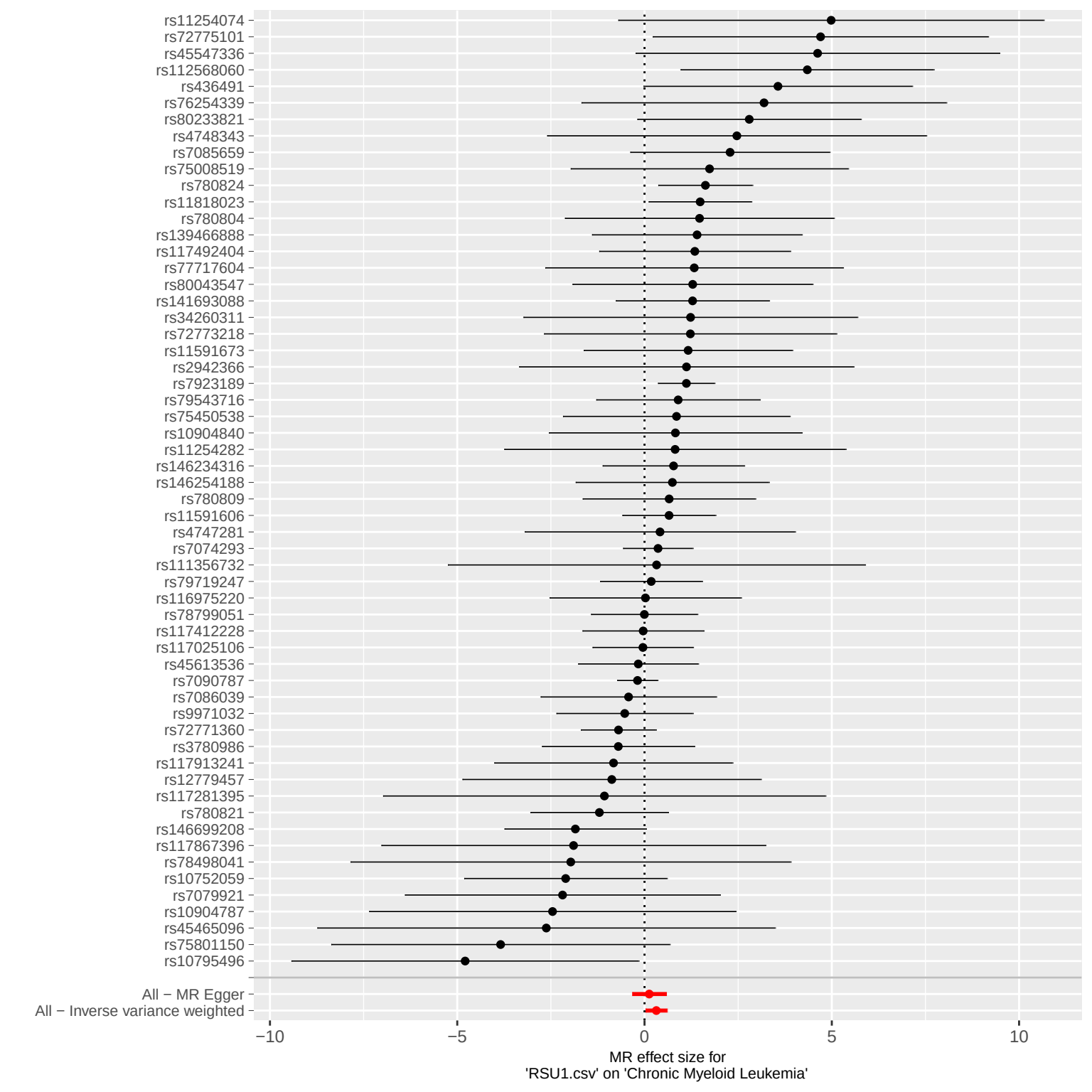
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rs10752059
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All − Inverse variance weighted
−10
−5
0
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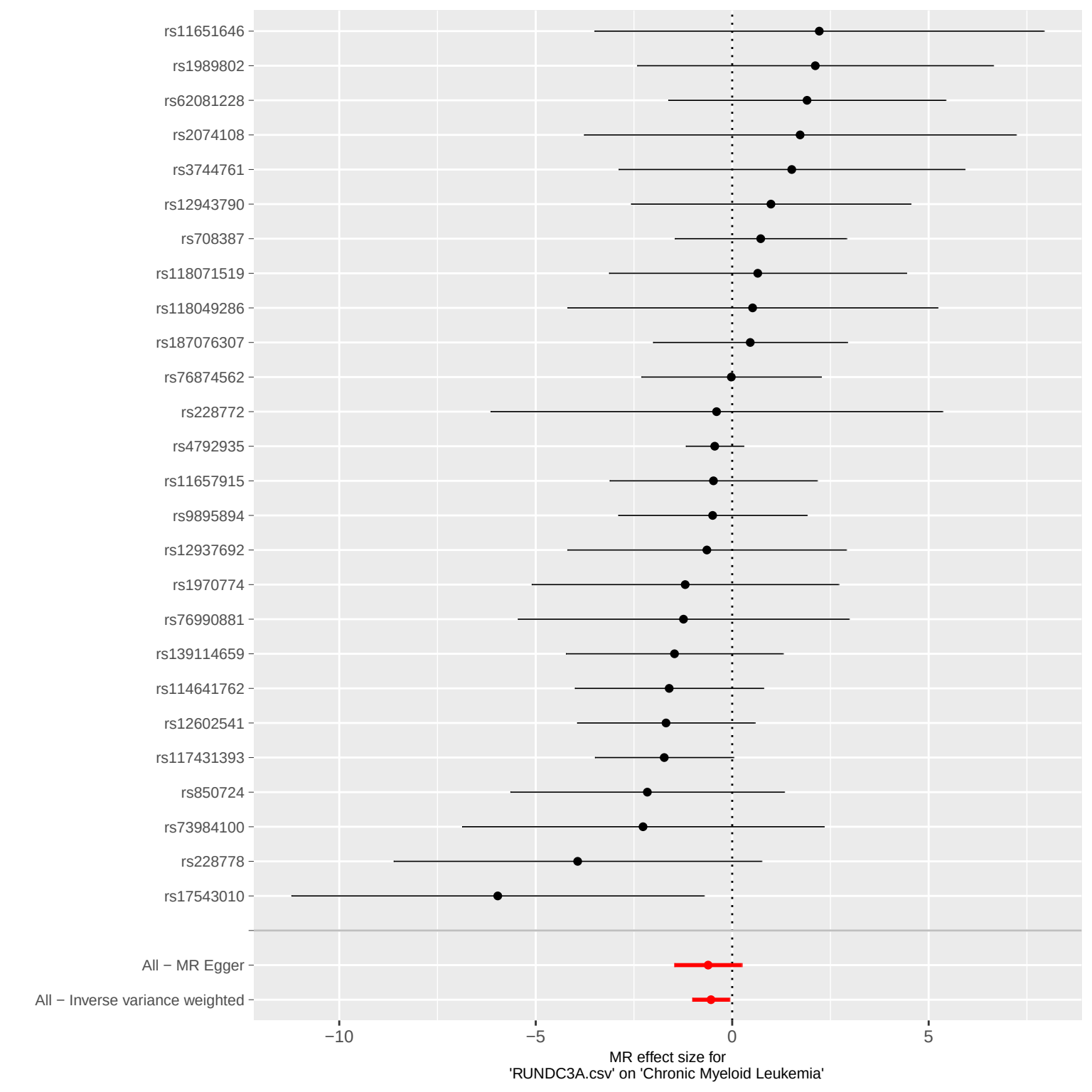
MR effect size for
'RSU1.csv' on 'Chronic Myeloid Leukemia'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rs1970774
rs76990881
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rs12602541
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rs73984100
rs228778
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All − MR Egger
All − Inverse variance weighted
−10
−5
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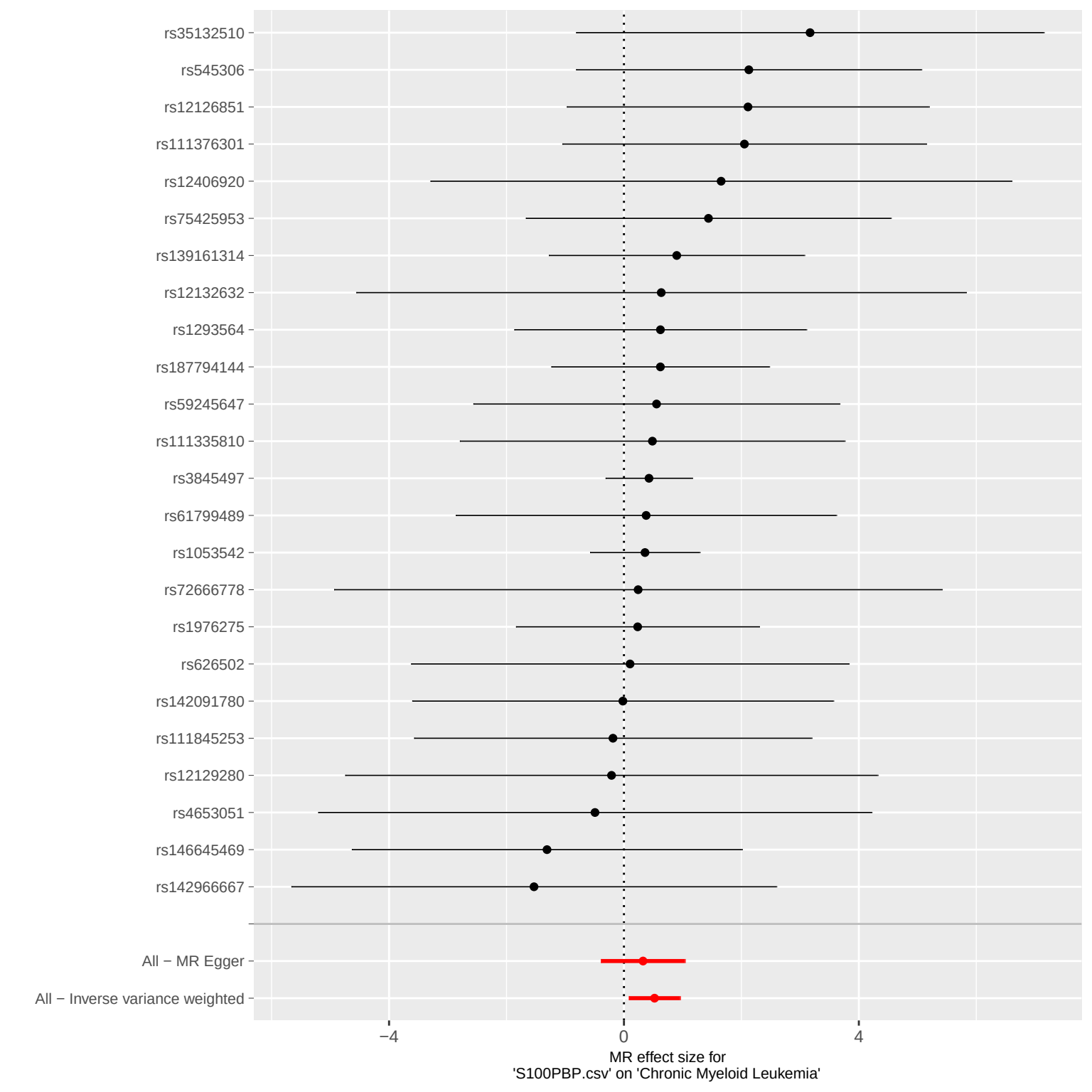
'RUNDC3A.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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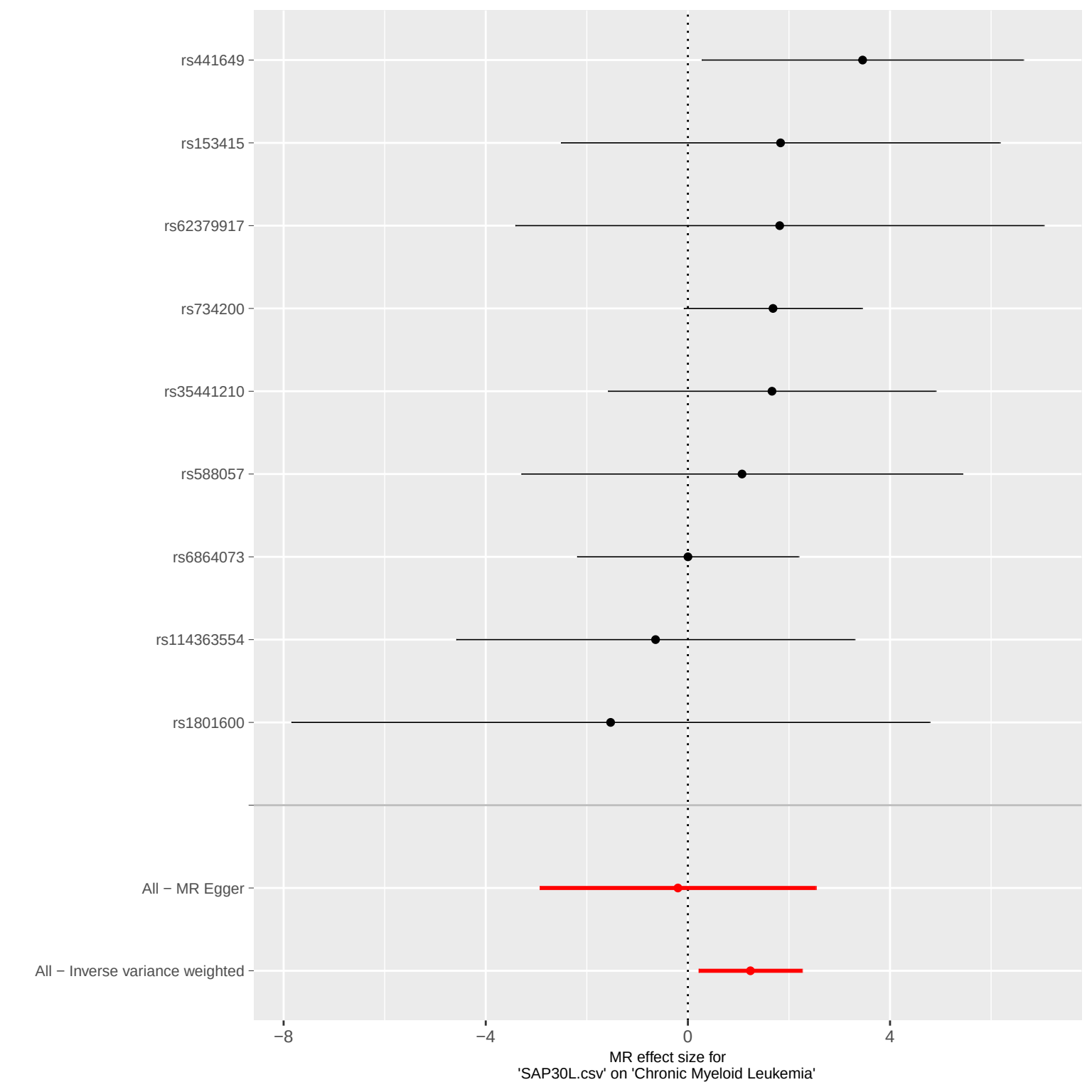
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All − MR Egger
All − Inverse variance weighted
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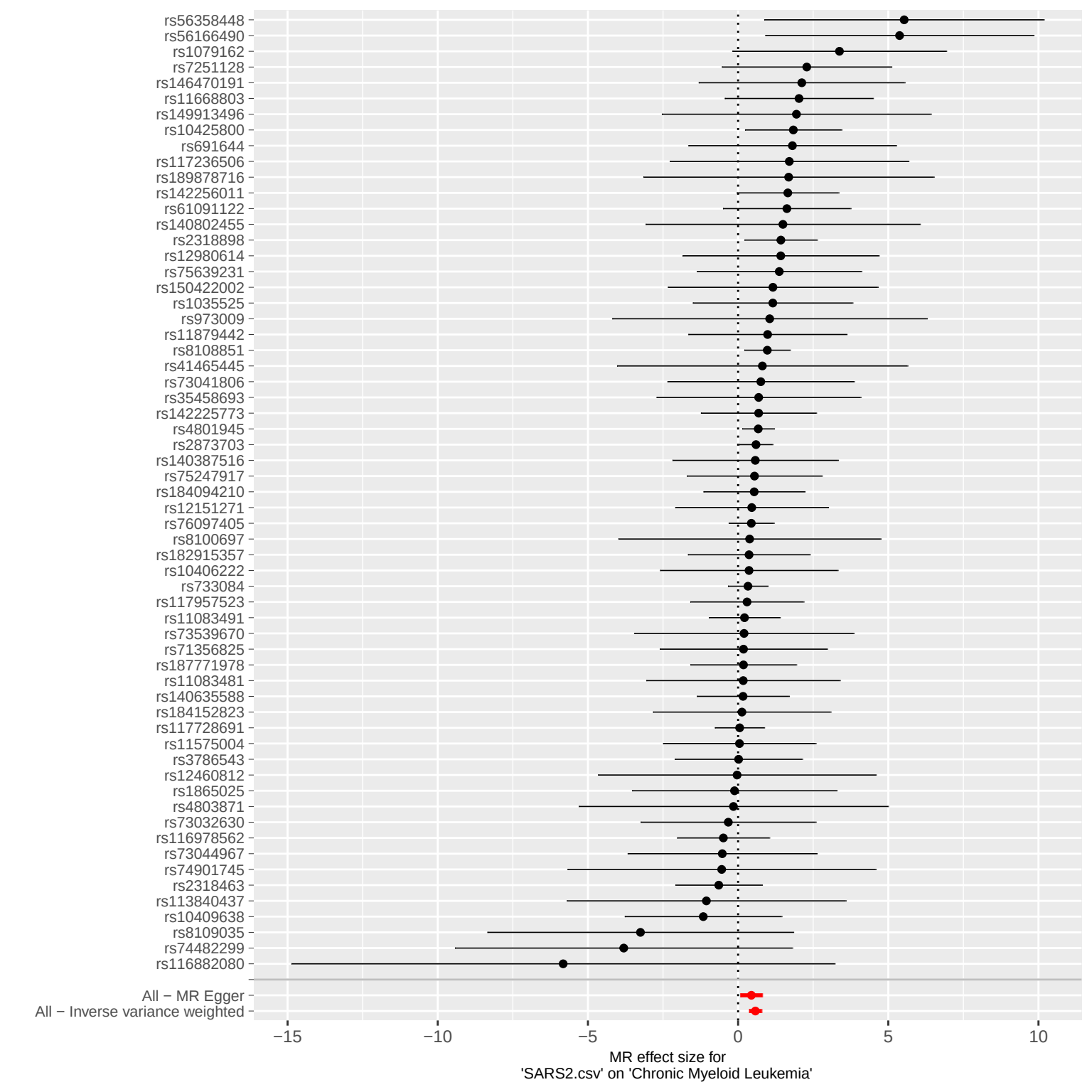
MR effect size for
'SAP30L.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−15
−10
−5
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5
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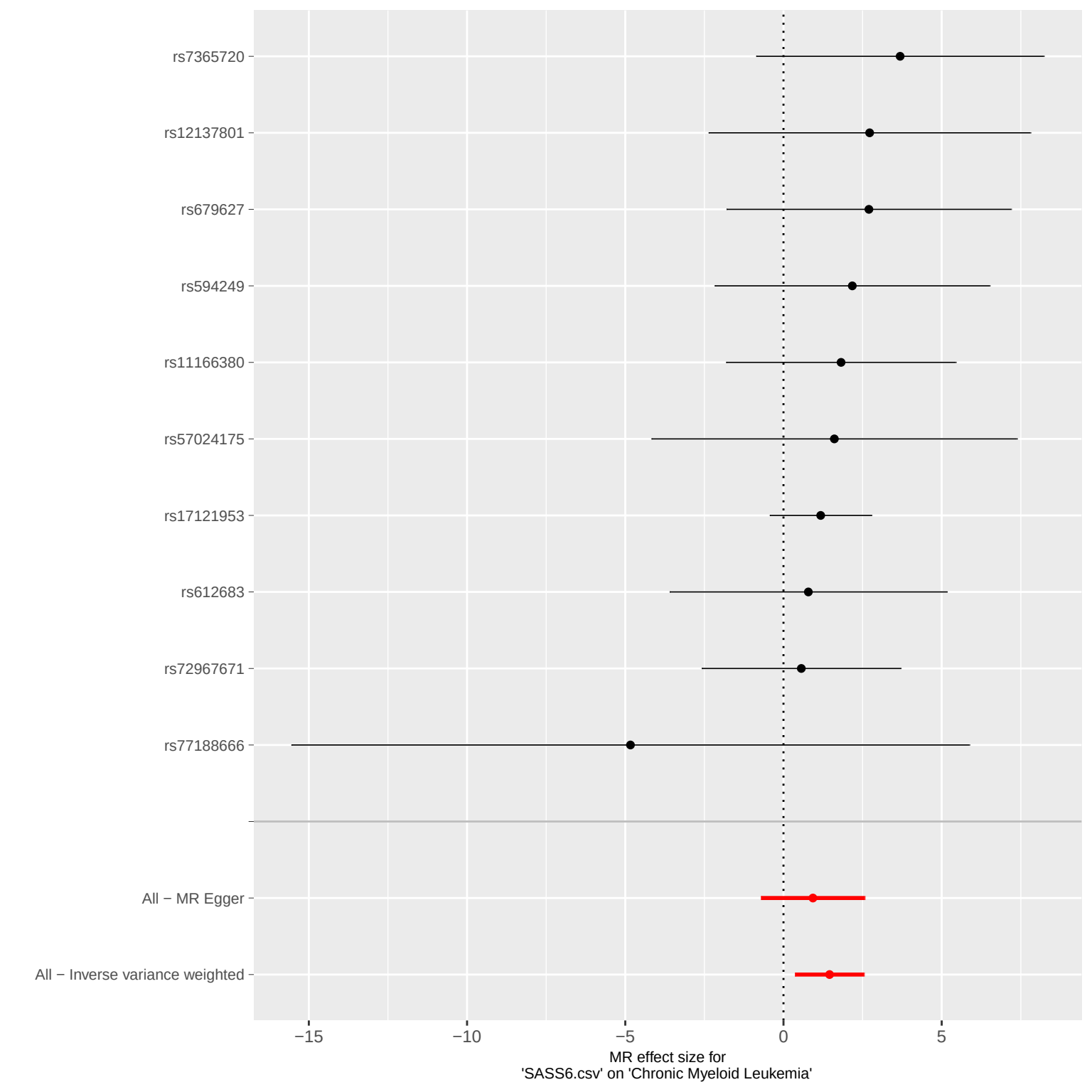
MR effect size for
'SARS2.csv' on 'Chronic Myeloid Leukemia'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−10
−5
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MR effect size for
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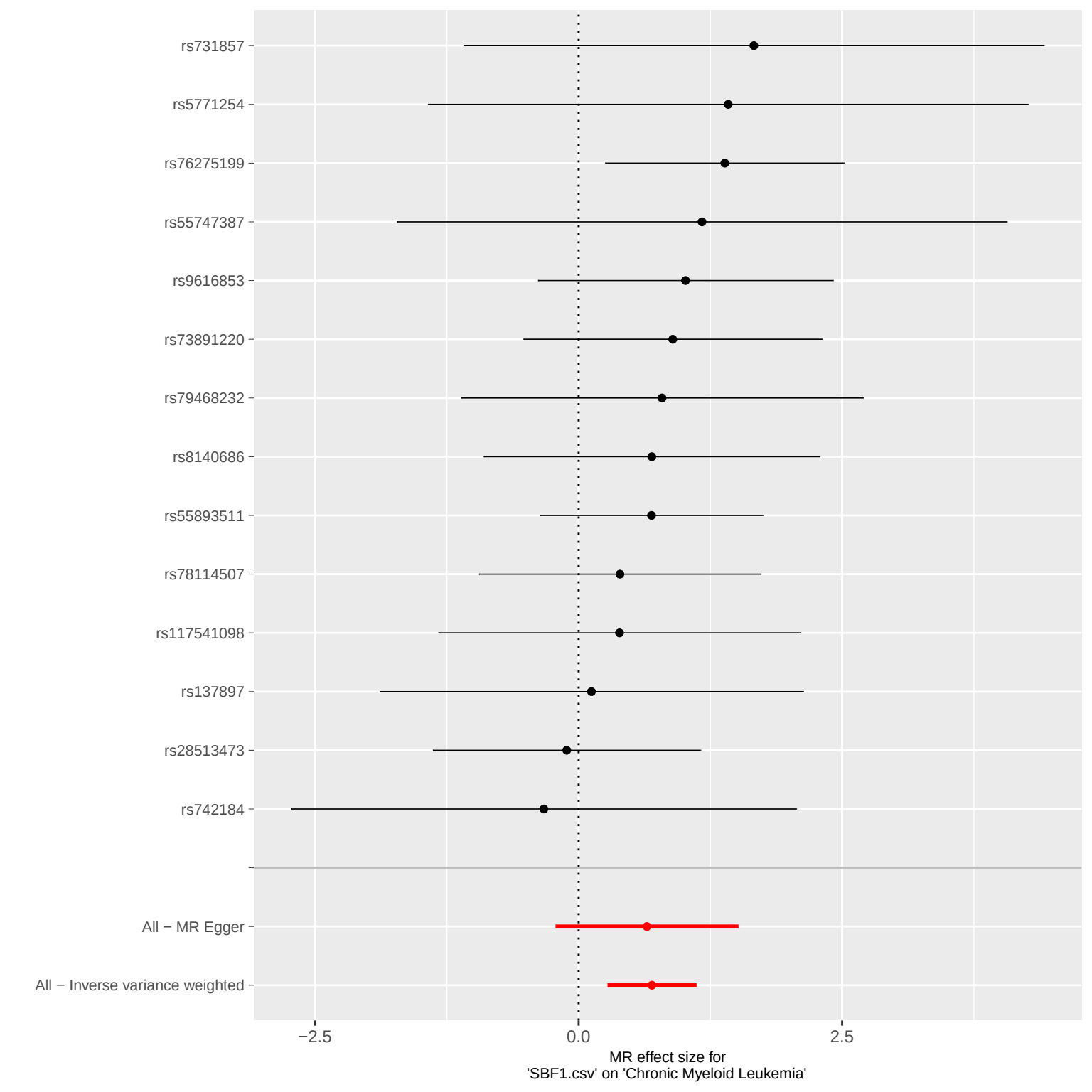
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All − MR Egger
All − Inverse variance weighted
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0.0
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MR effect size for
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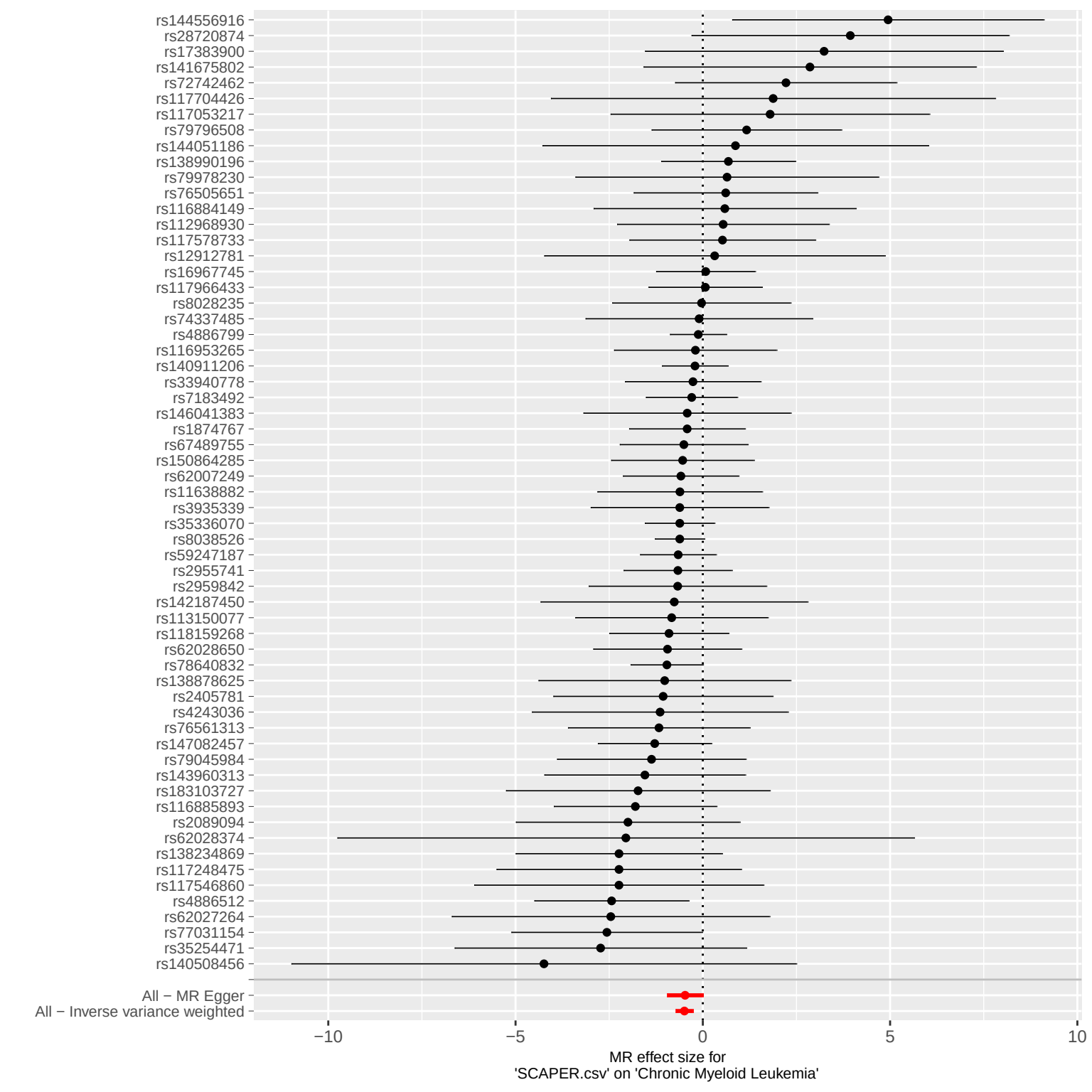
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All − Inverse variance weighted
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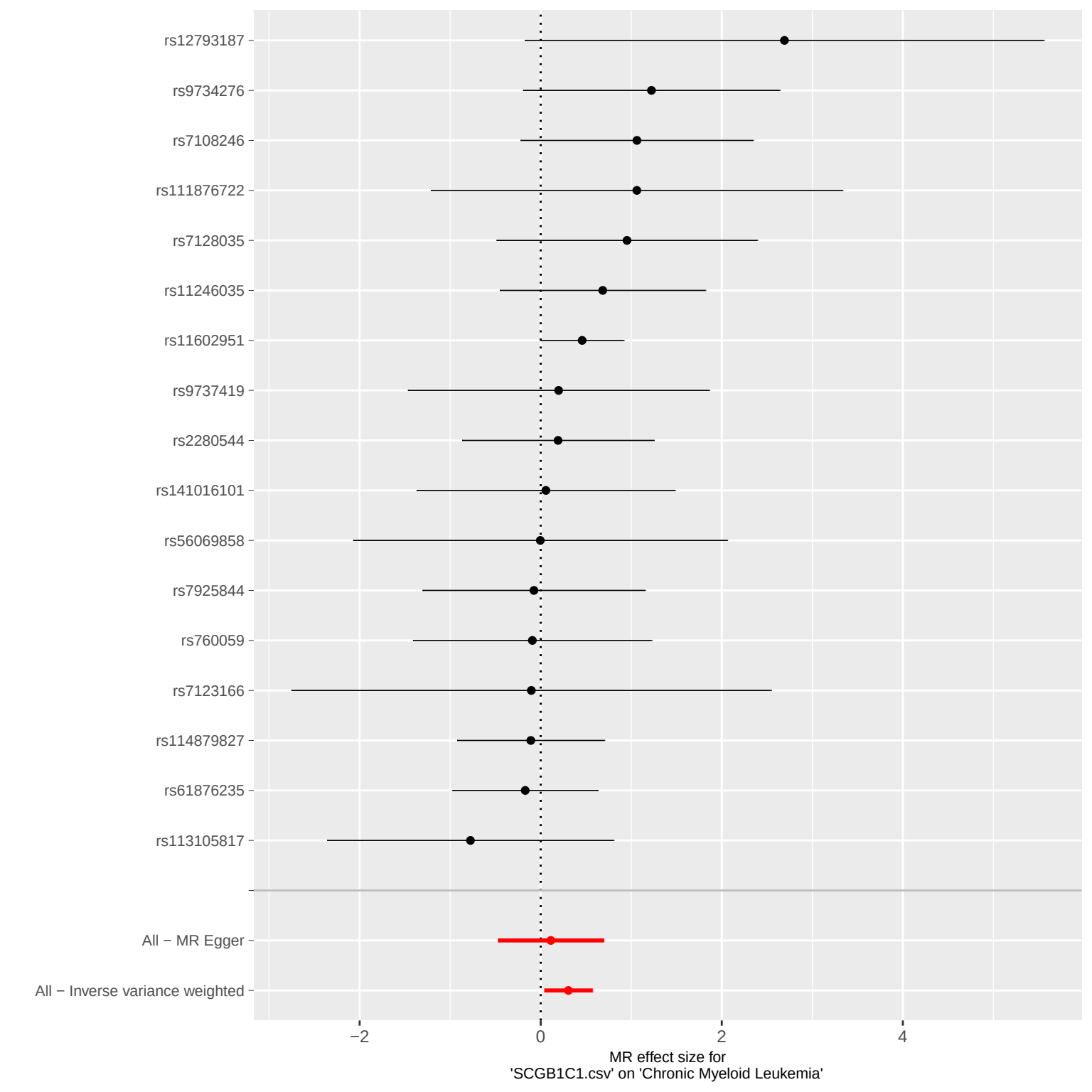
MR effect size for
'SCAPER.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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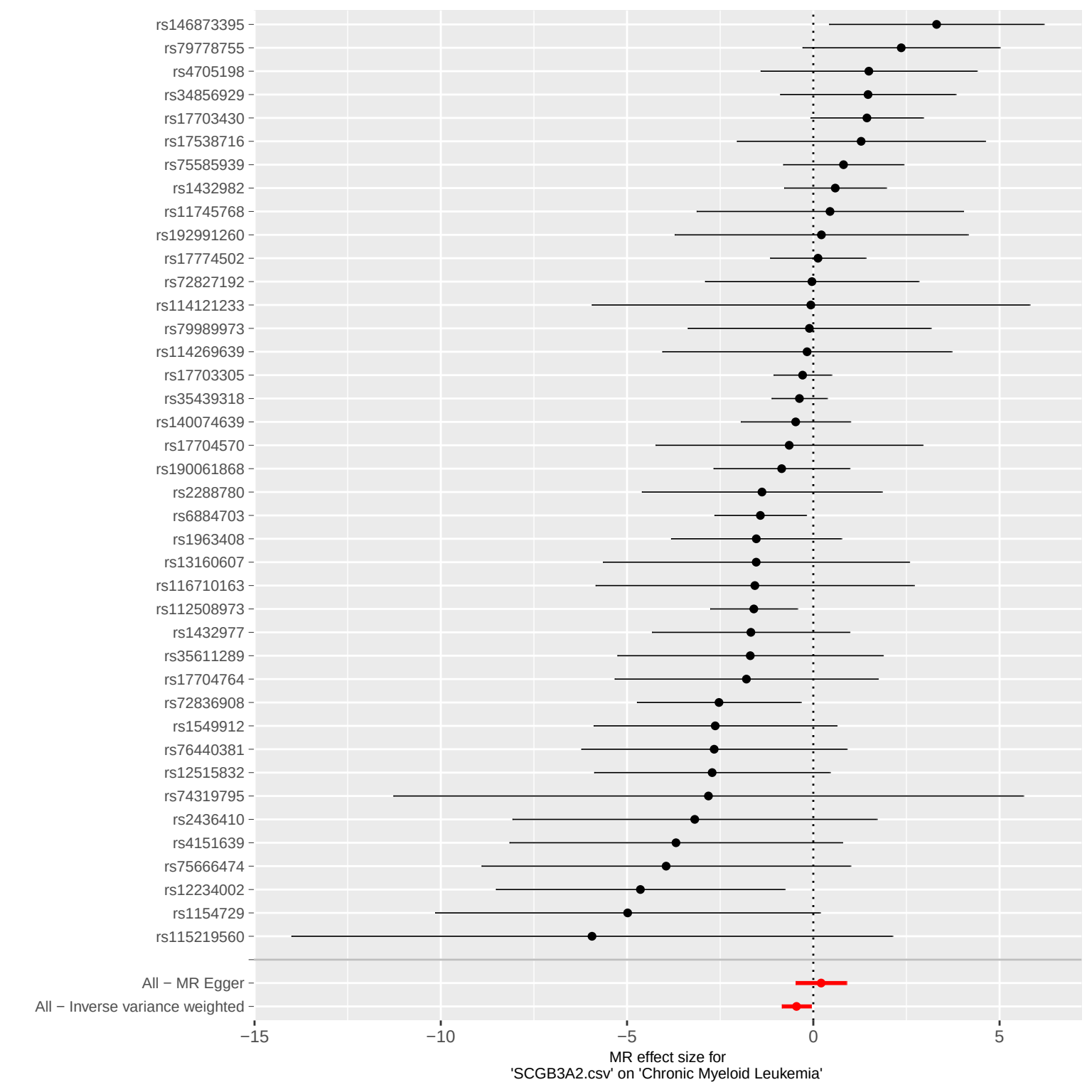
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−5
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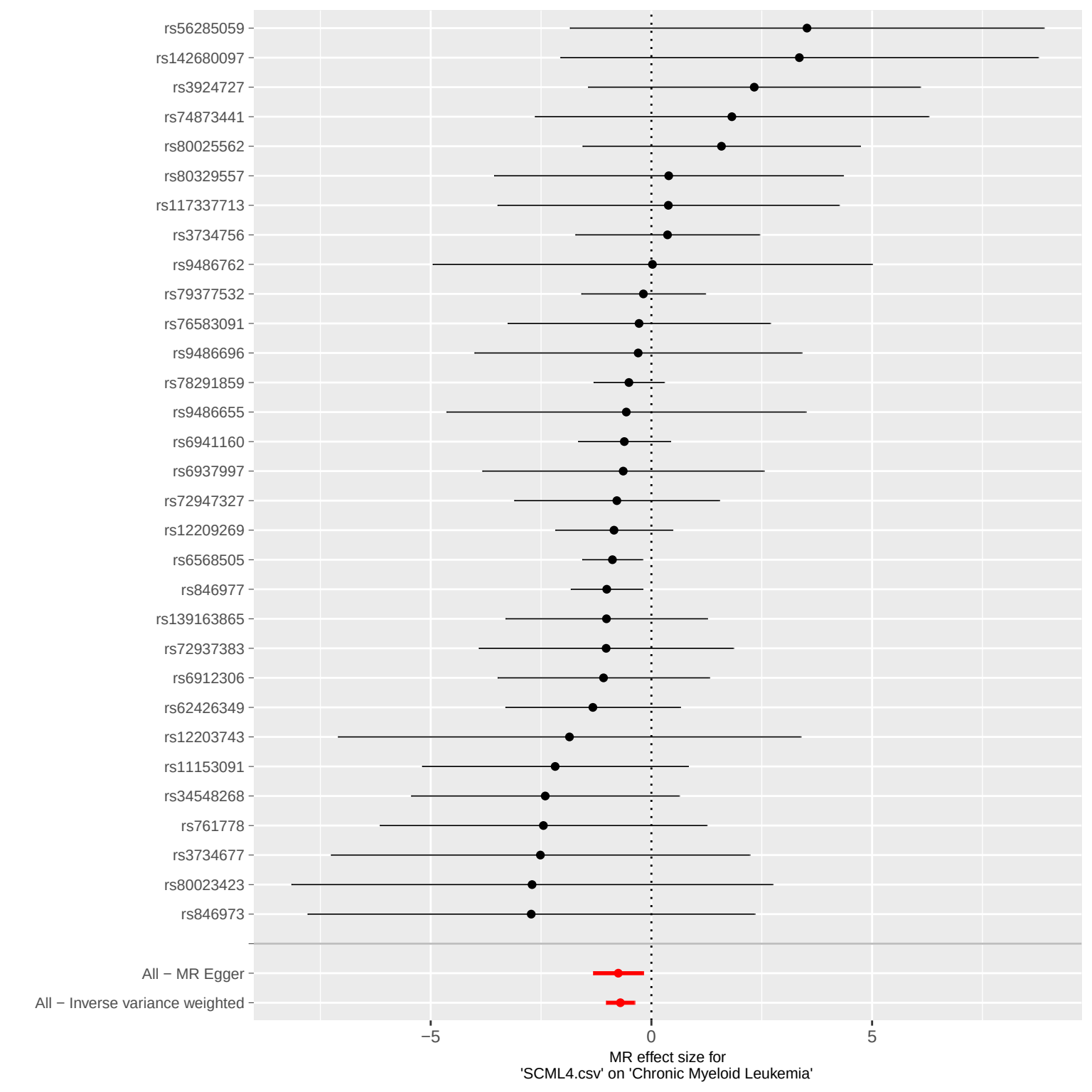
'SCGB3A2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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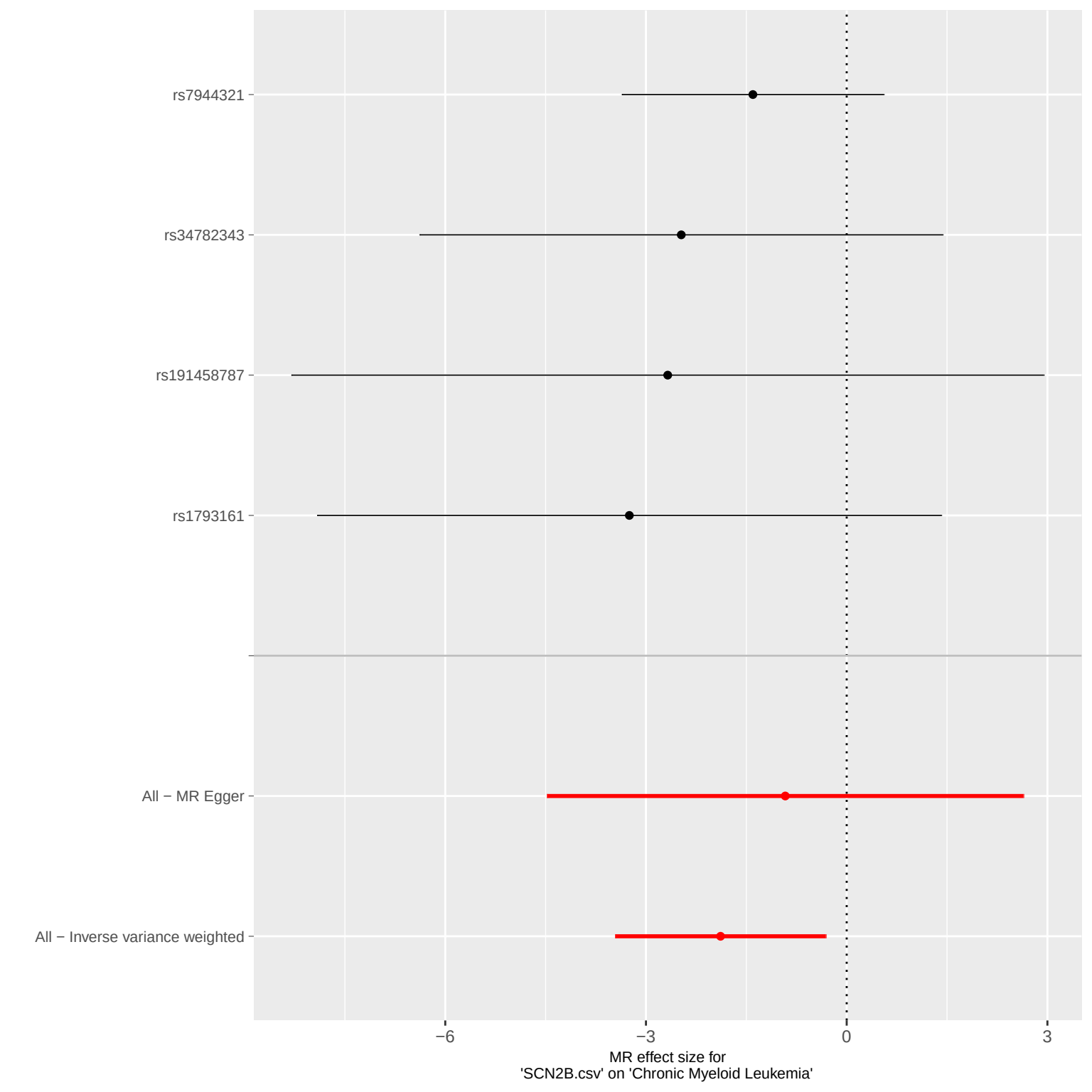
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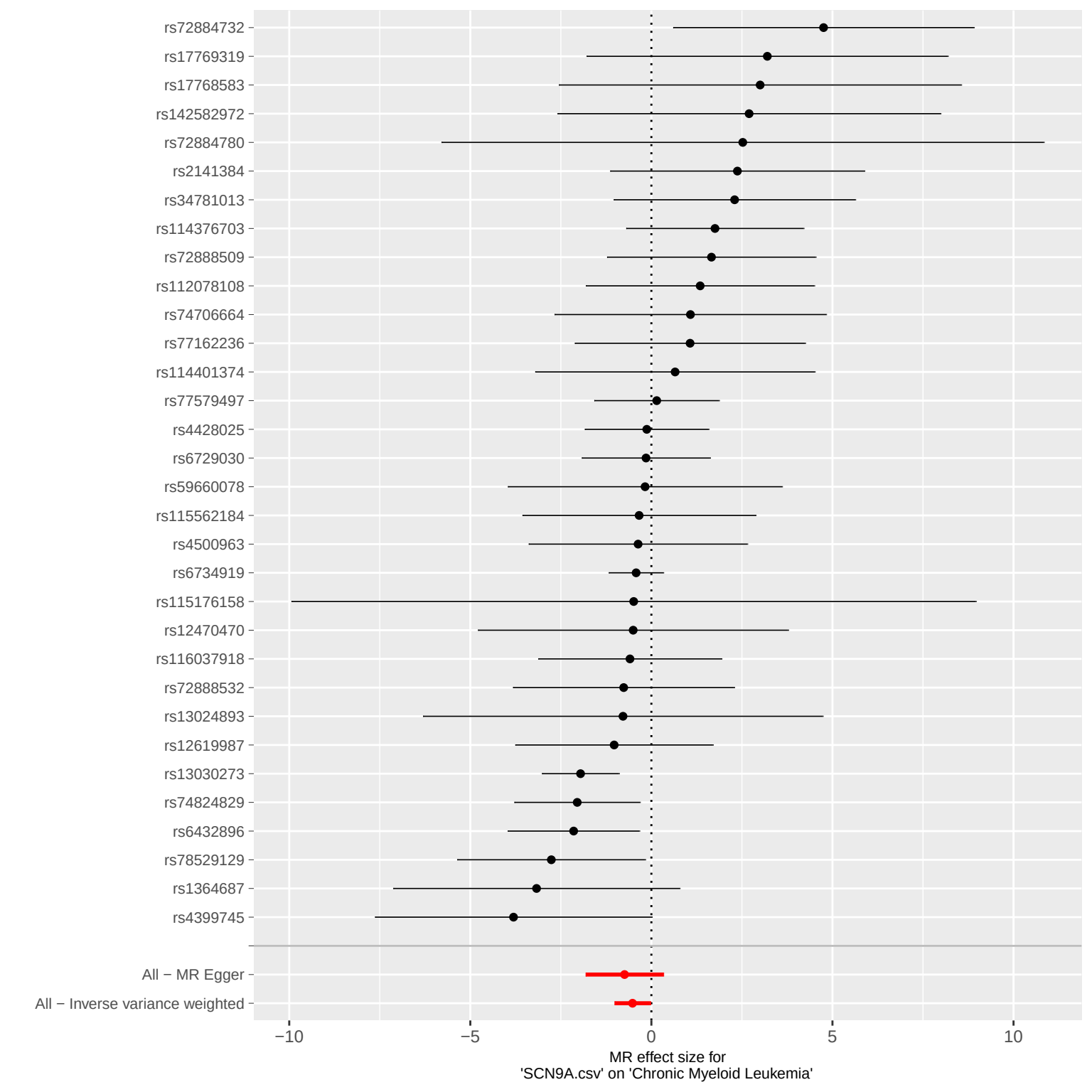
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rs6432896
rs78529129
rs1364687
rs4399745
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All − Inverse variance weighted
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5
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MR effect size for
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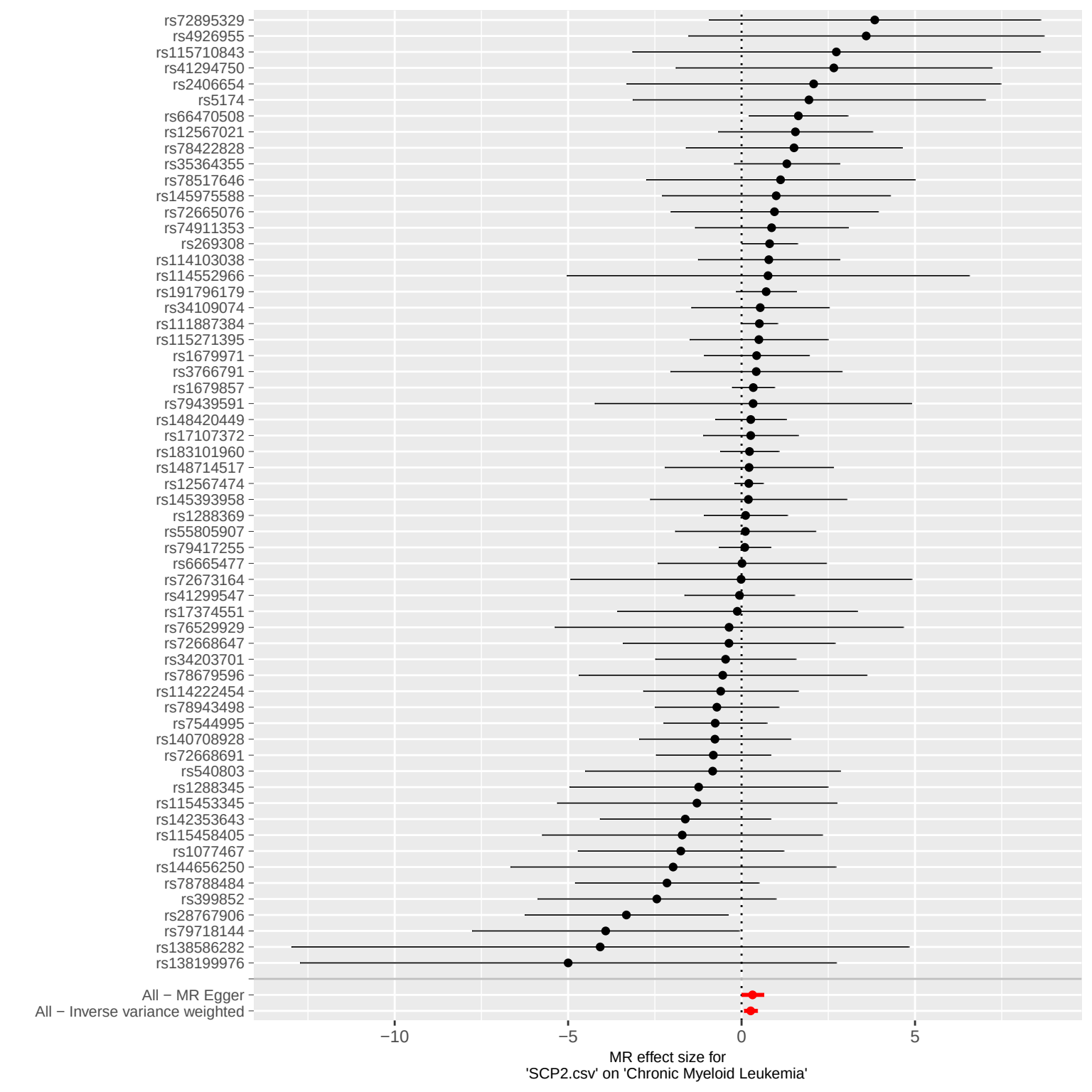
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All − MR Egger
All − Inverse variance weighted
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−5
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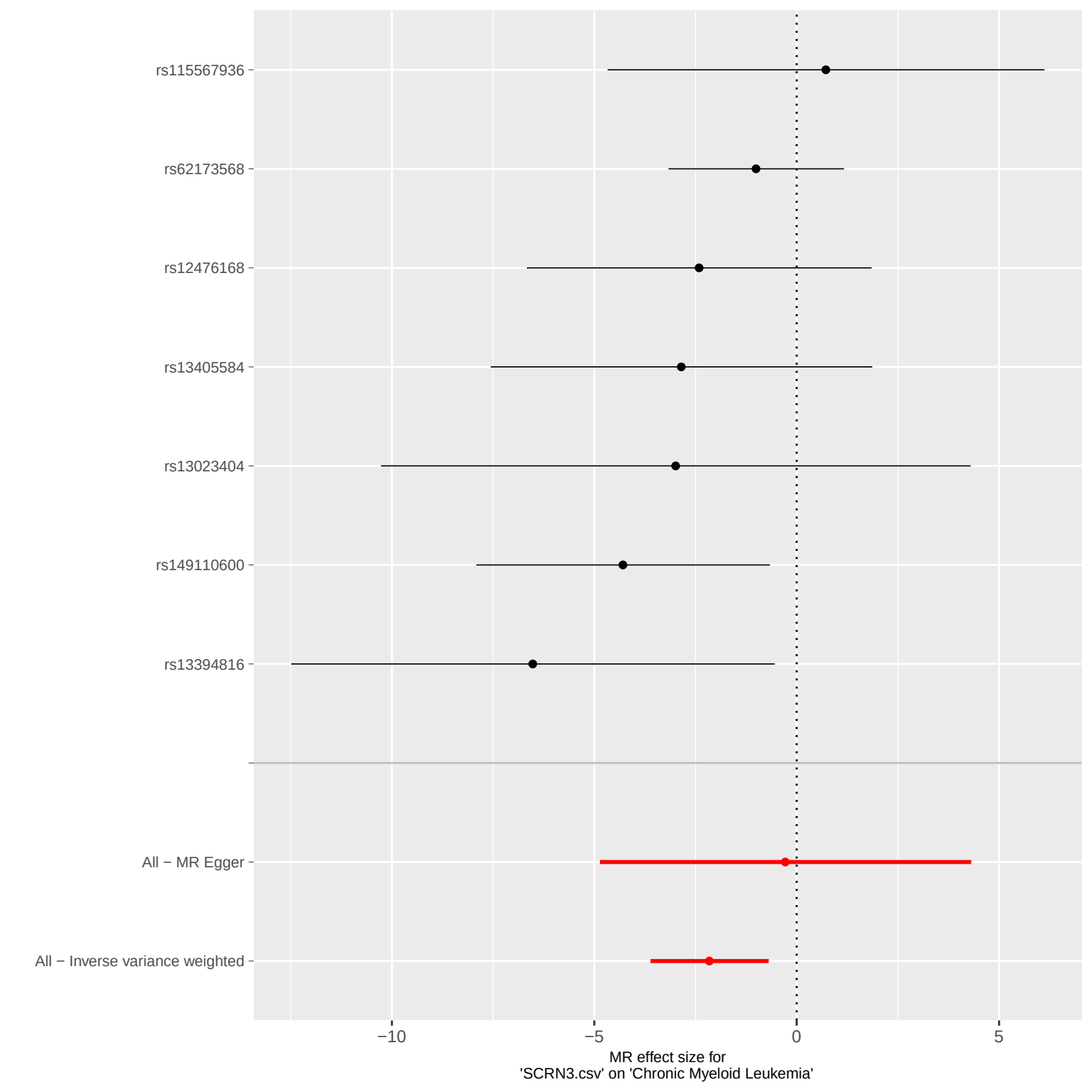
MR effect size for
'SCP2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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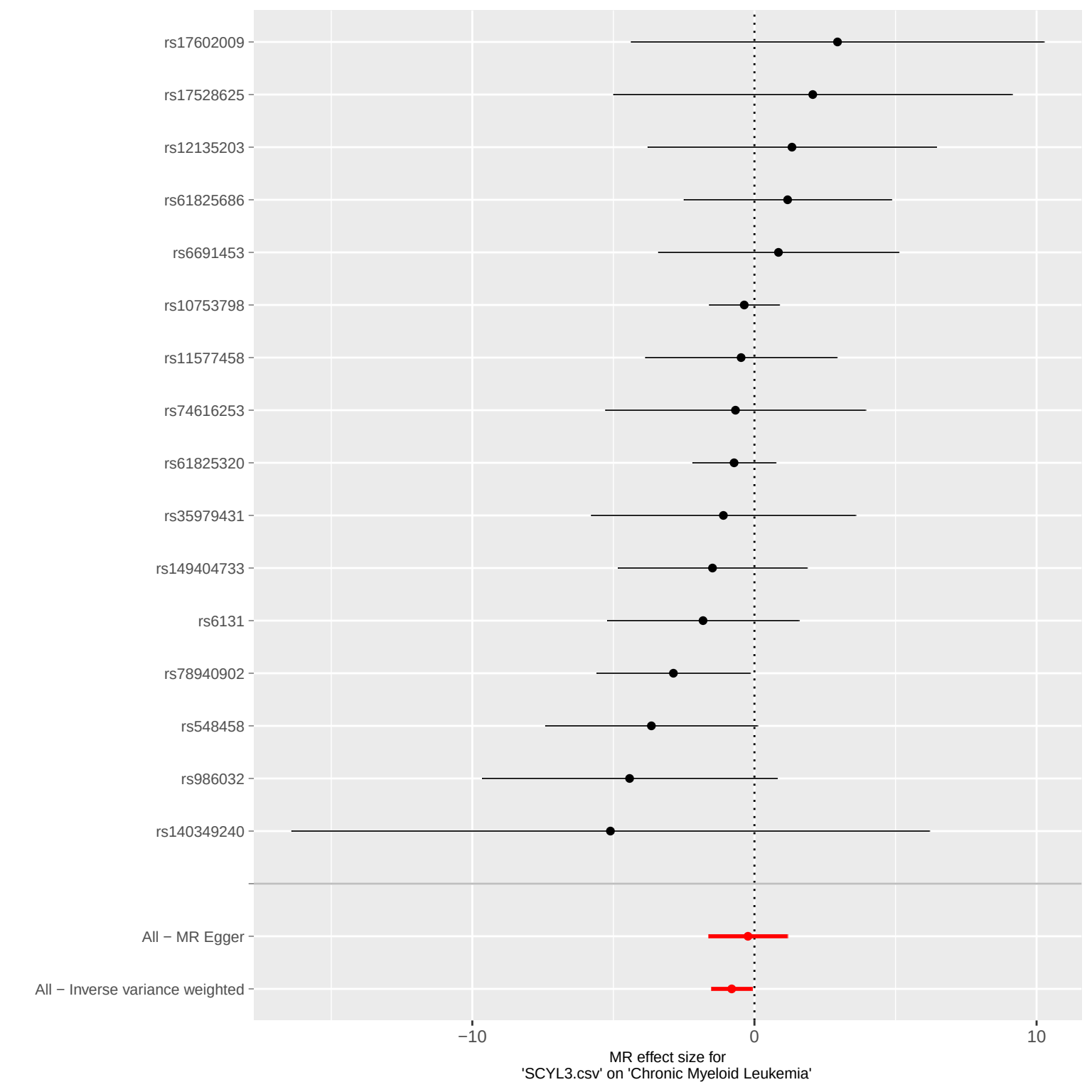
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All − Inverse variance weighted
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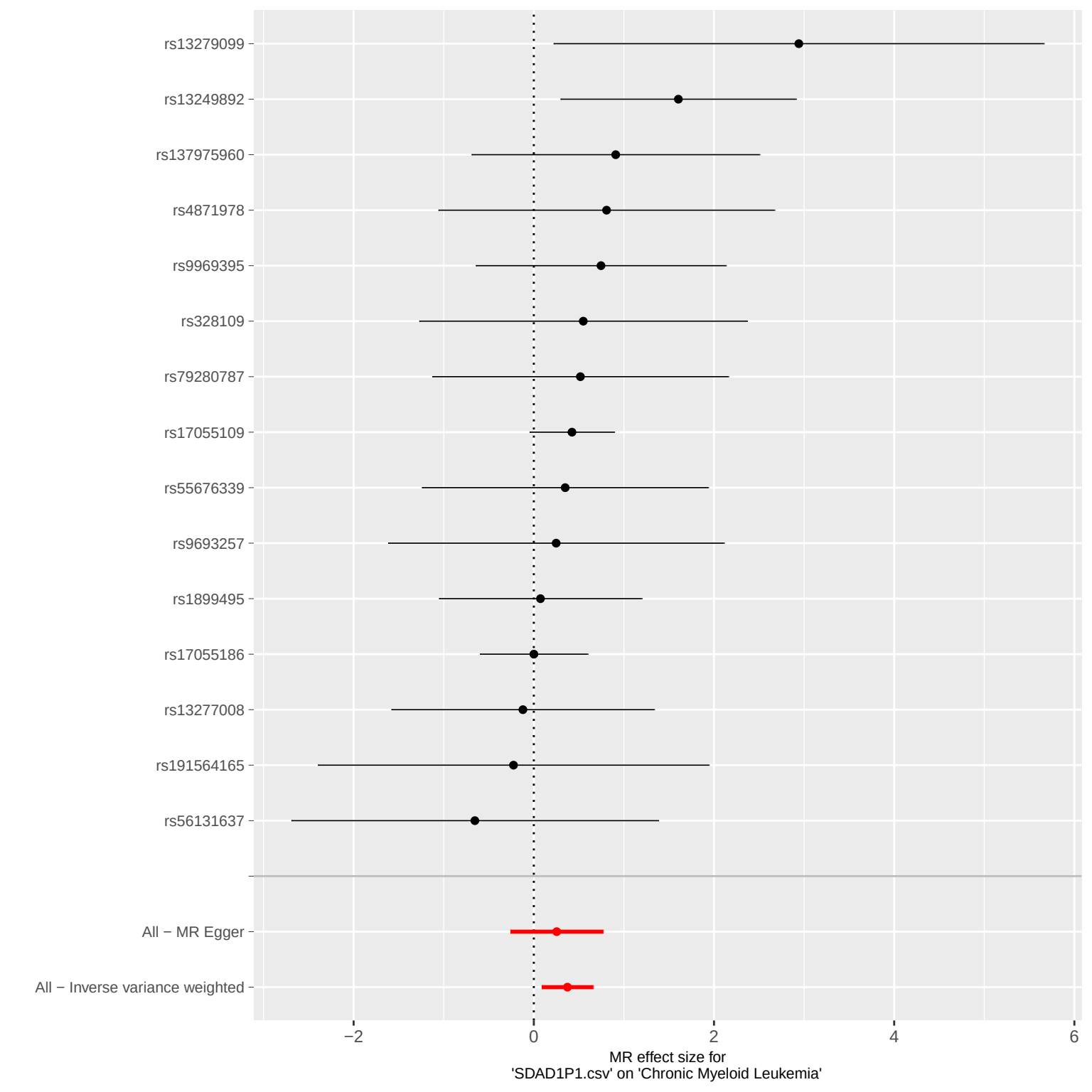
MR effect size for
'SCYL3.csv' on 'Chronic Myeloid Leukemia'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rs13277008
rs191564165
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All − MR Egger
All − Inverse variance weighted
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2
4
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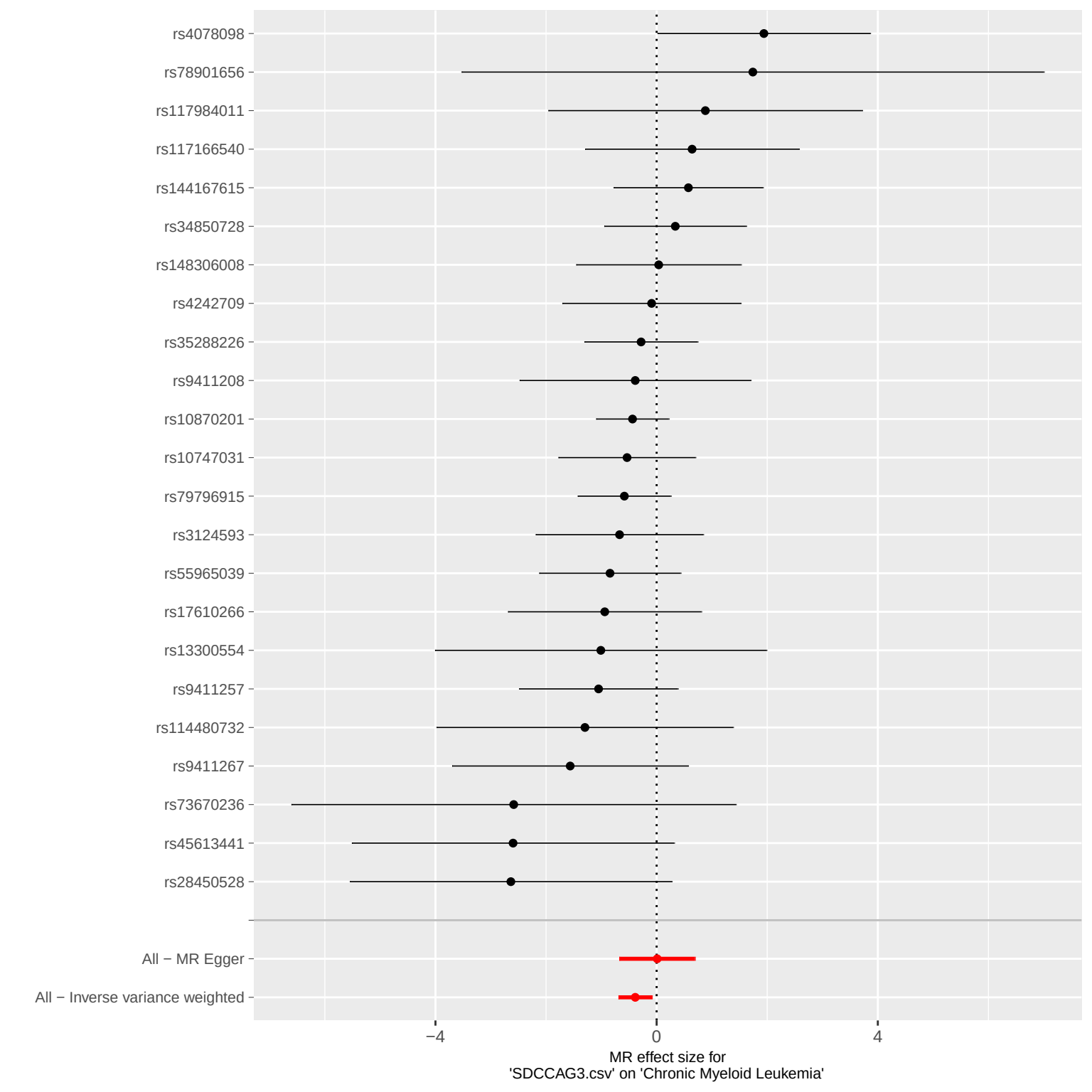
MR effect size for
'SDAD1P1.csv' on 'Chronic Myeloid Leukemia'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rs3124593
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rs17610266
rs13300554
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rs114480732
rs9411267
rs73670236
rs45613441
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All − MR Egger
All − Inverse variance weighted
−4
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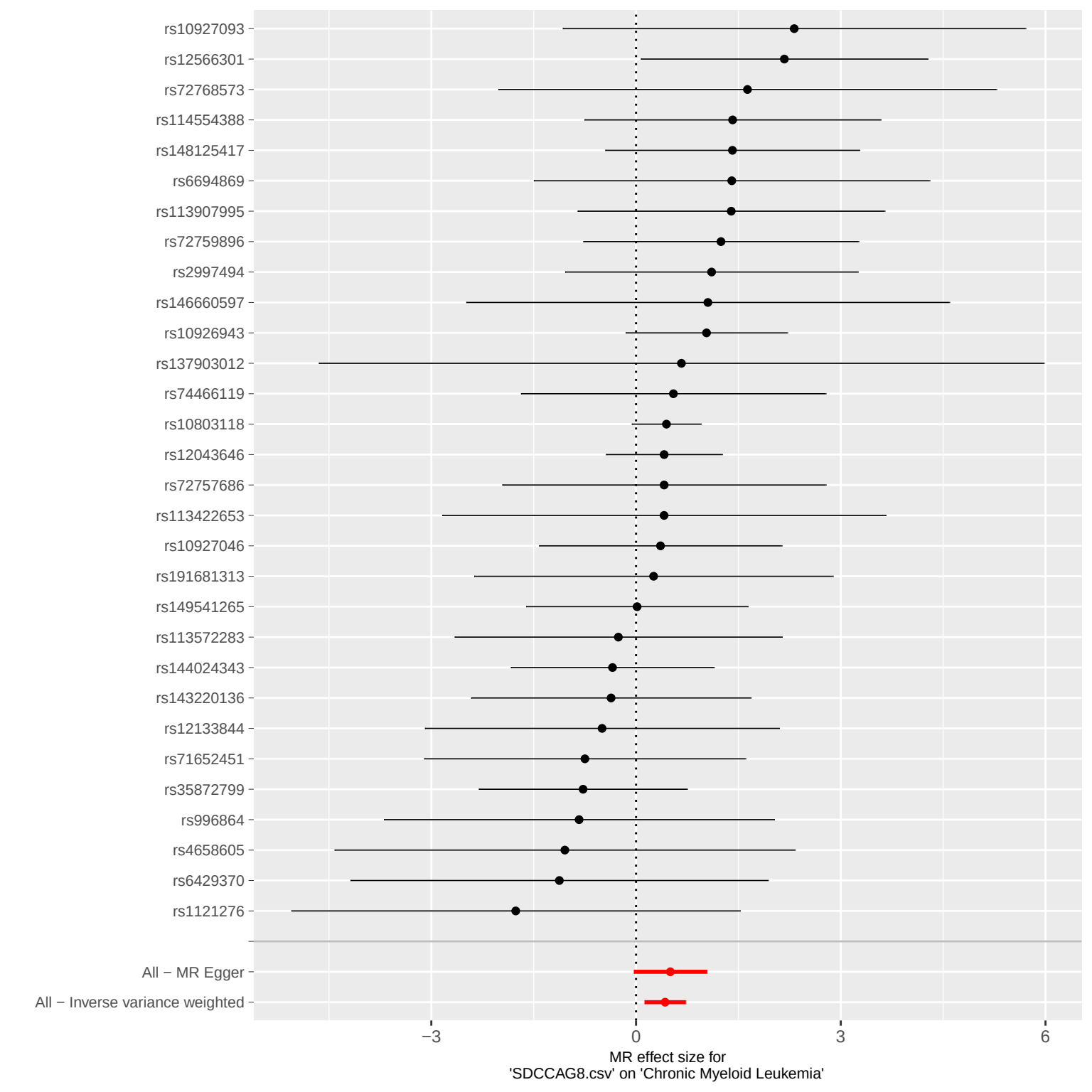
MR effect size for
'SDCCAG3.csv' on 'Chronic Myeloid Leukemia'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rs35872799
rs996864
rs4658605
rs6429370
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All − MR Egger
All − Inverse variance weighted
−3
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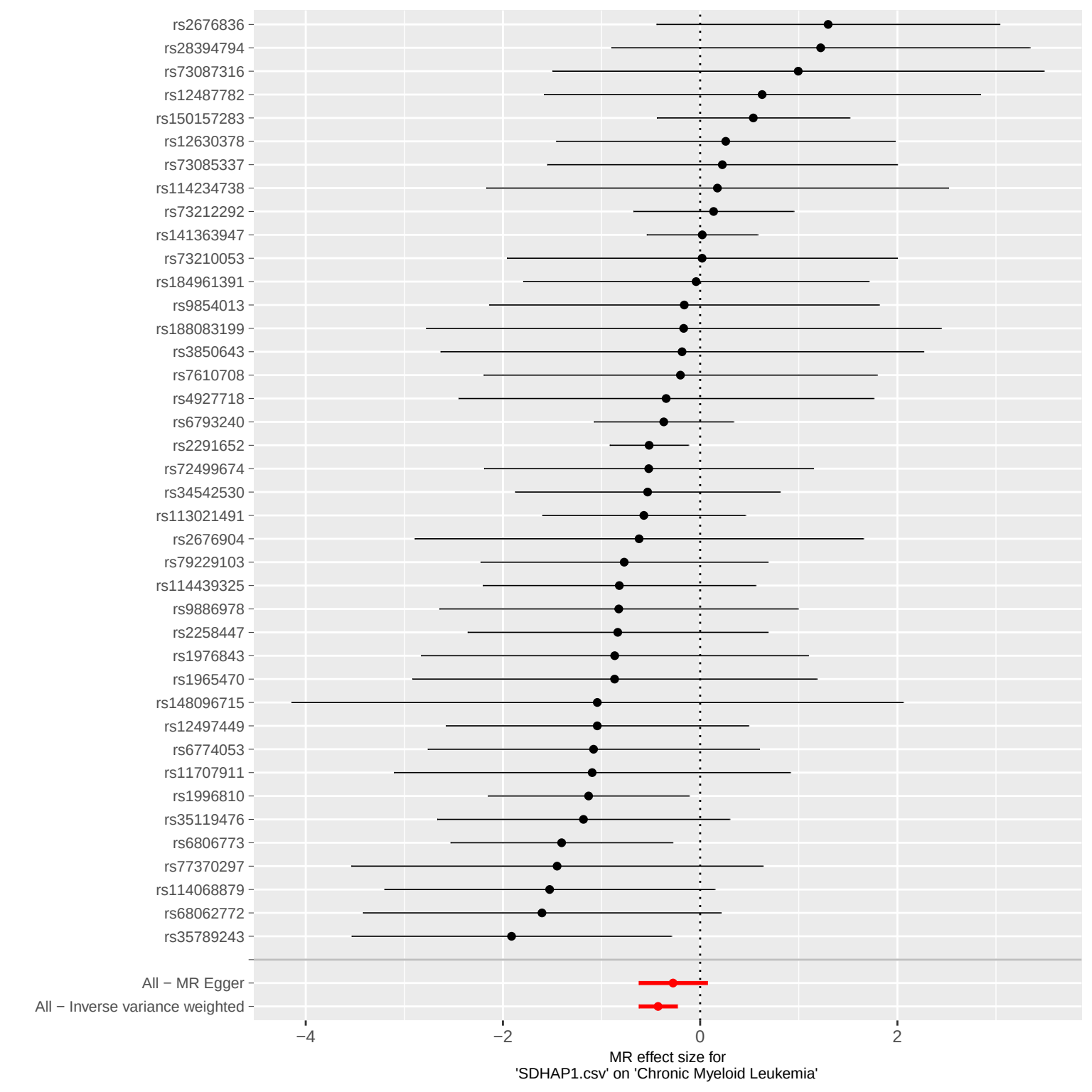
MR effect size for
'SDCCAG8.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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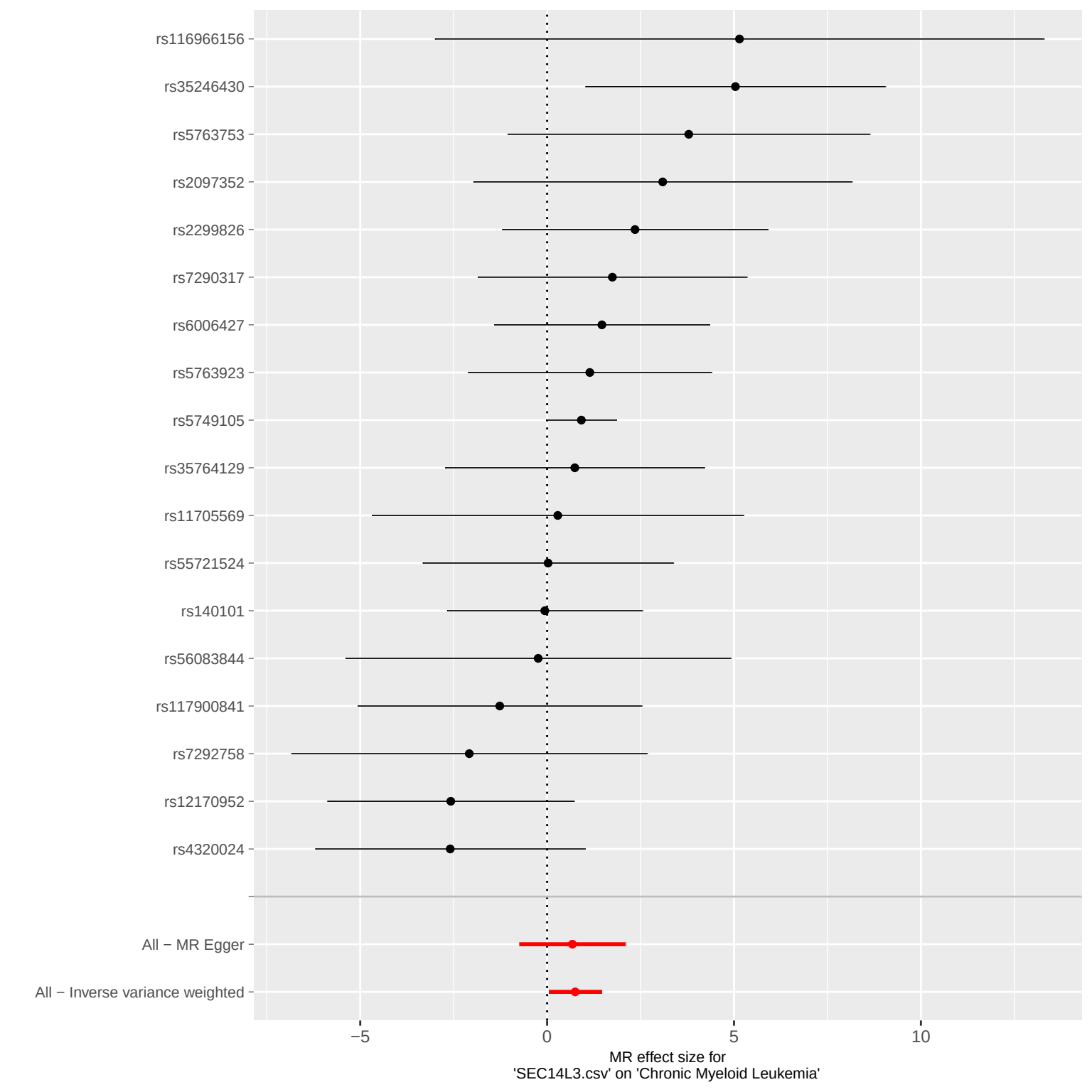
MR effect size for
'SDHAP1.csv' on 'Chronic Myeloid Leukemia'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rs140101
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All − Inverse variance weighted
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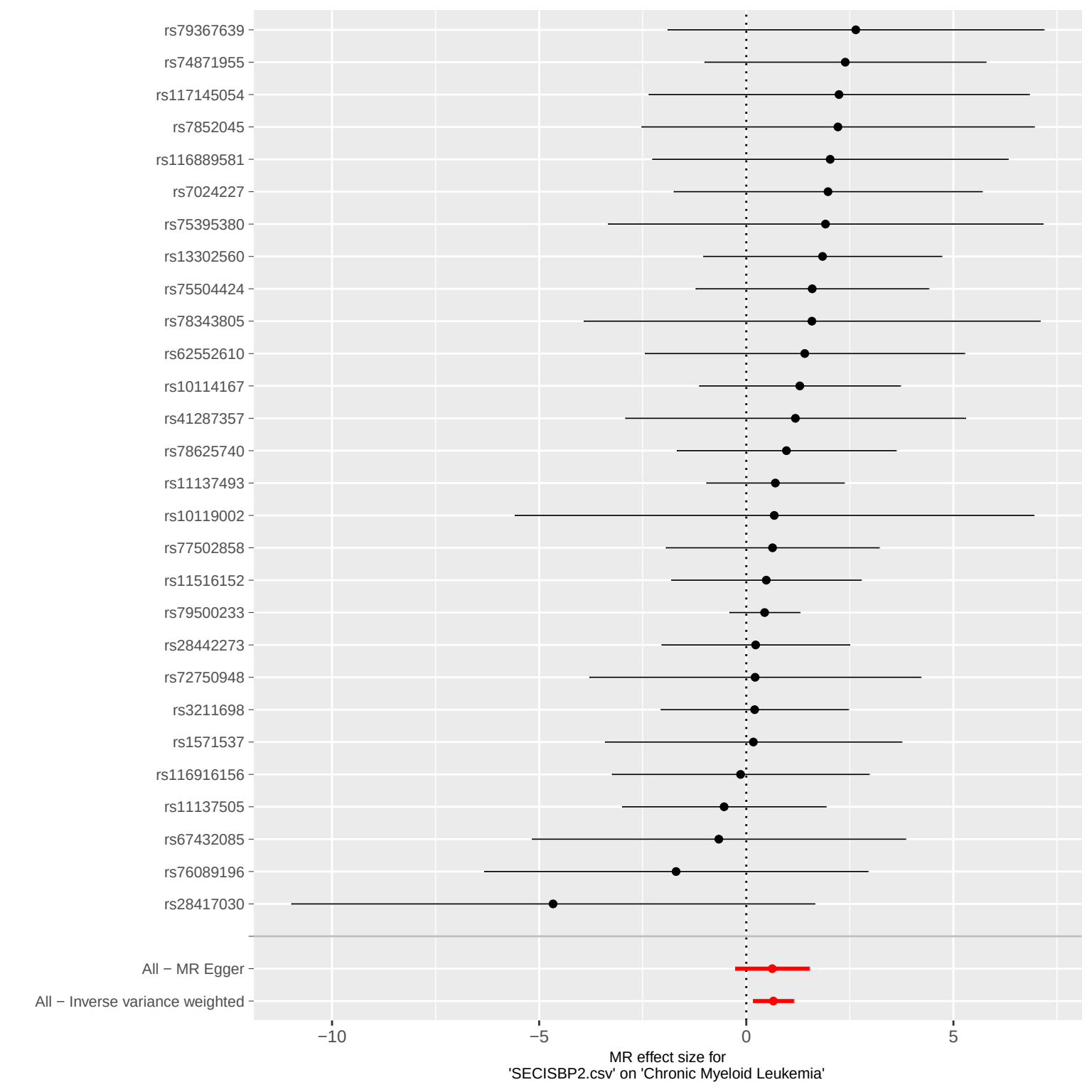
MR effect size for
'SEC14L3.csv' on 'Chronic Myeloid Leukemia'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rs10114167
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rs78625740
rs11137493
rs10119002
rs77502858
rs11516152
rs79500233
rs28442273
rs72750948
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rs1571537
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rs67432085
rs76089196
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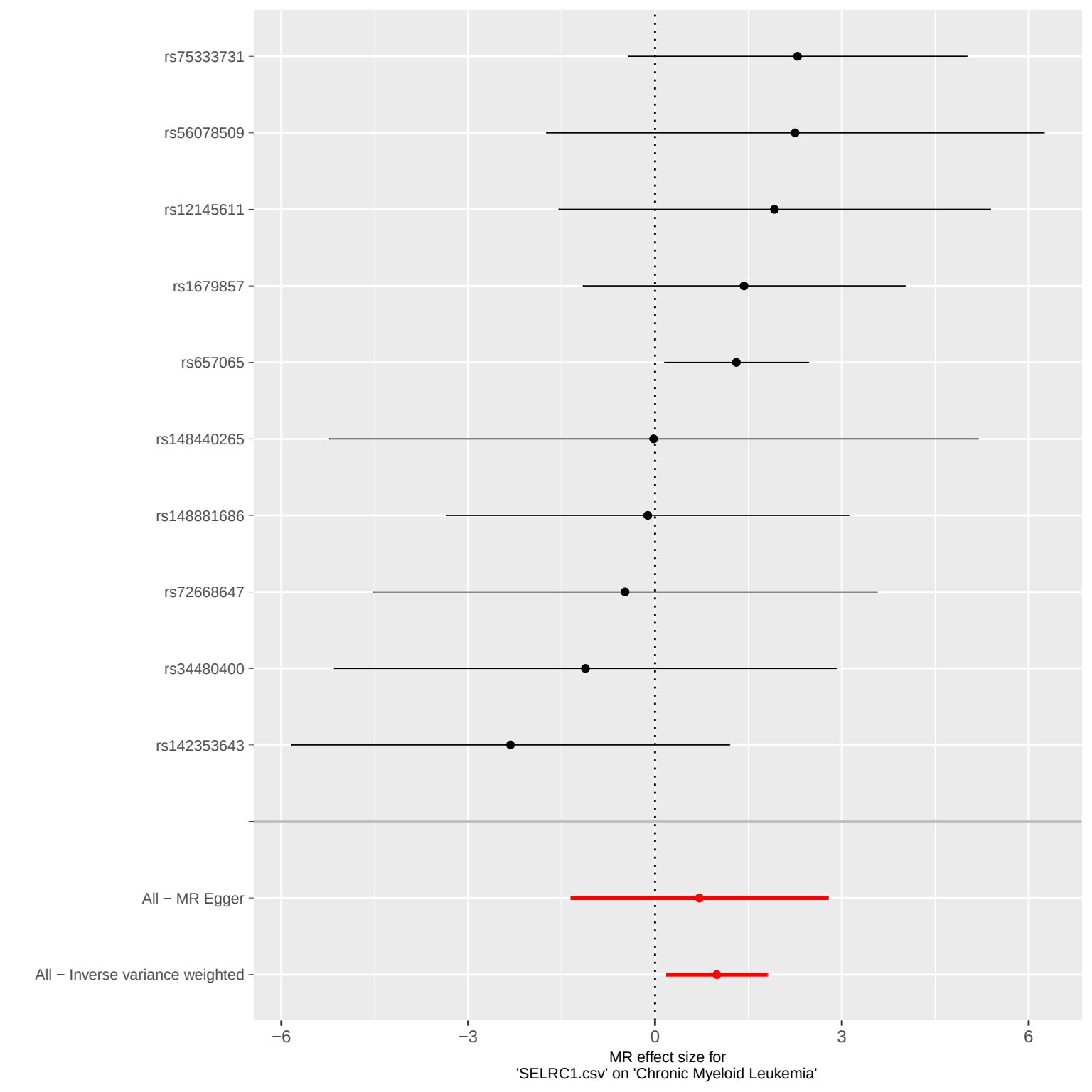
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SECISBP2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
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0
3
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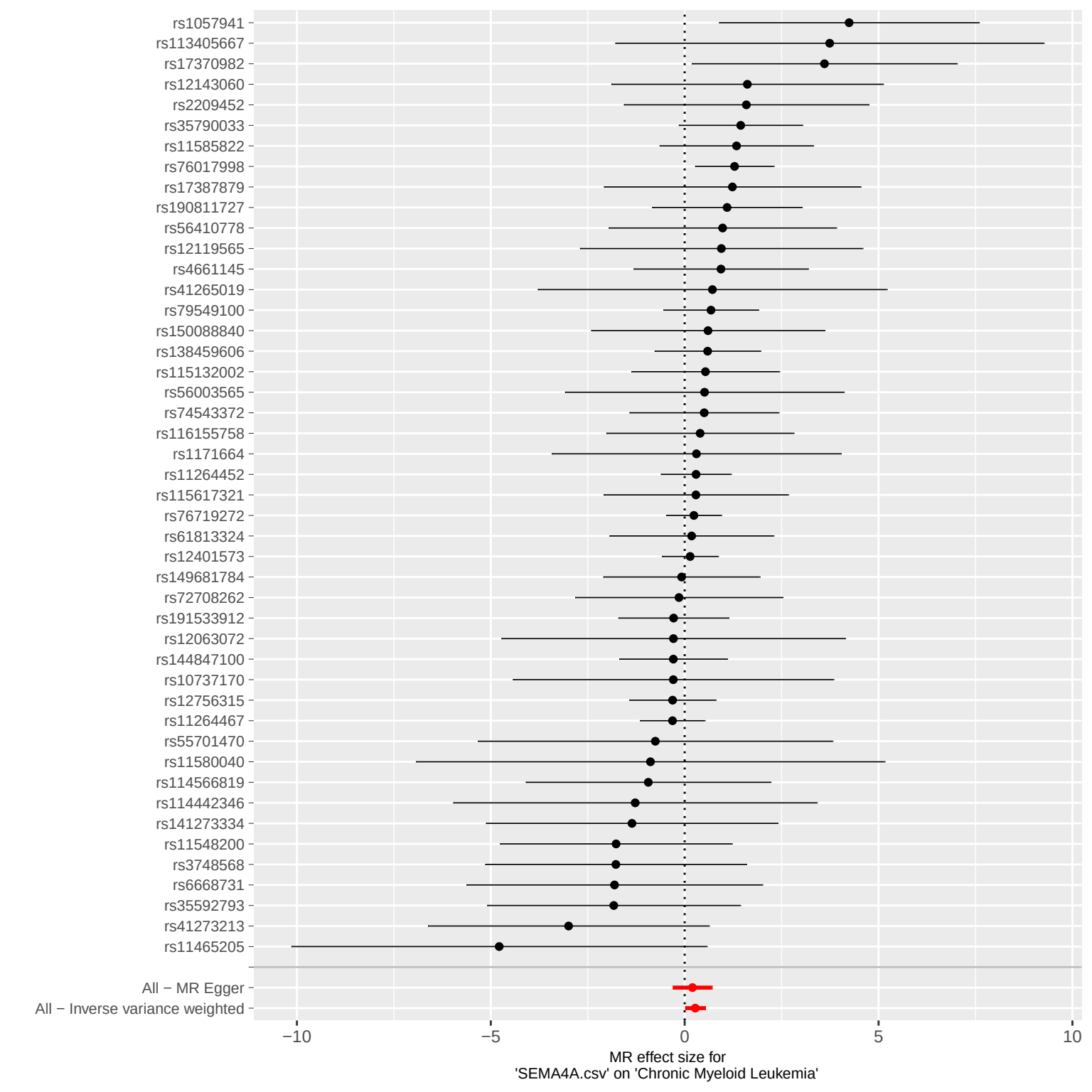
MR effect size for
'SELRC1.csv' on 'Chronic Myeloid Leukemia'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rs4661145
rs41265019
rs79549100
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rs76719272
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rs12756315
rs11264467
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rs11580040
rs114566819
rs114442346
rs141273334
rs11548200
rs3748568
rs6668731
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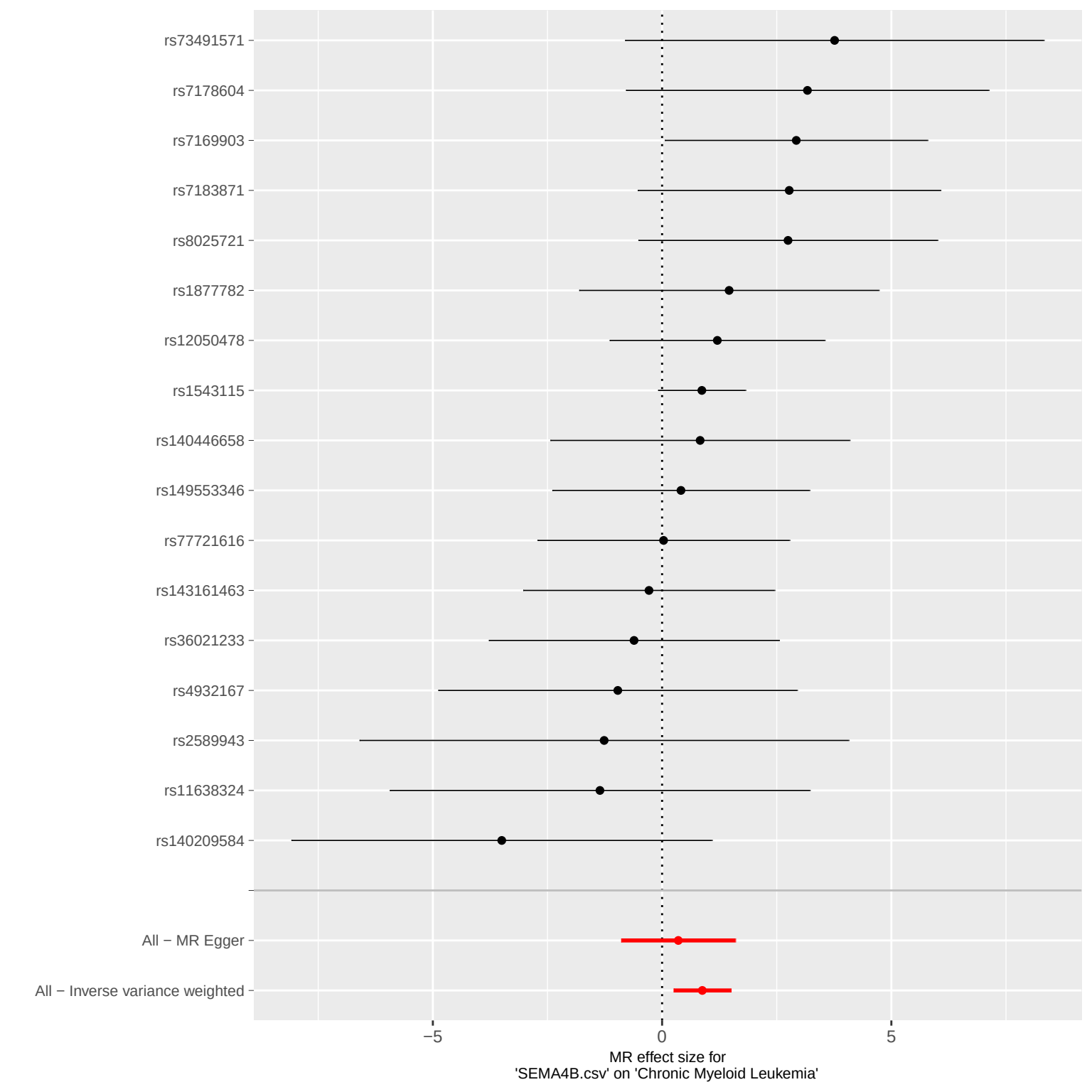
rs41273213
rs11465205
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SEMA4A.csv' on 'Chronic Myeloid Leukemia'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rs4932167
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All − MR Egger
All − Inverse variance weighted
−5
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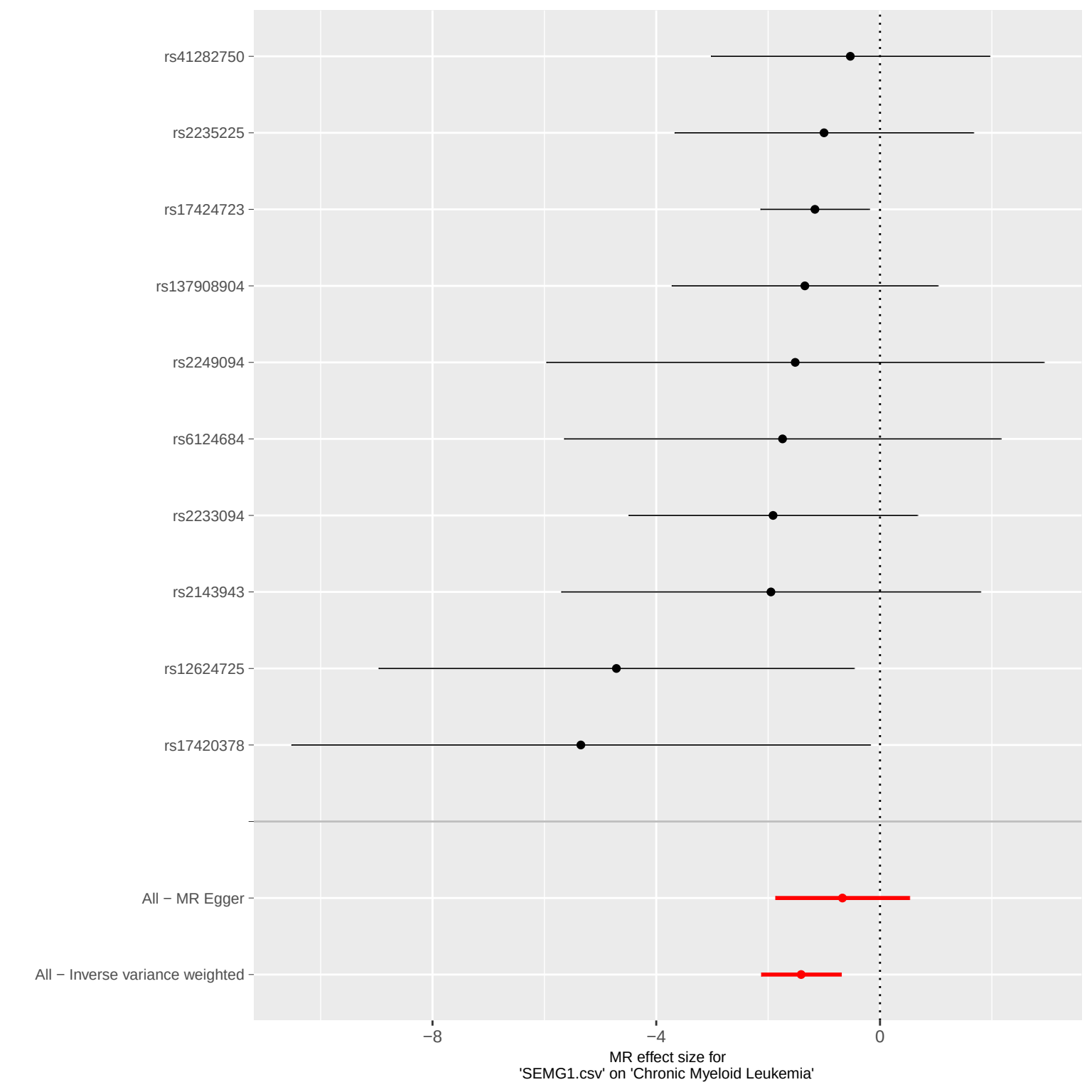
MR effect size for
'SEMA4B.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−8
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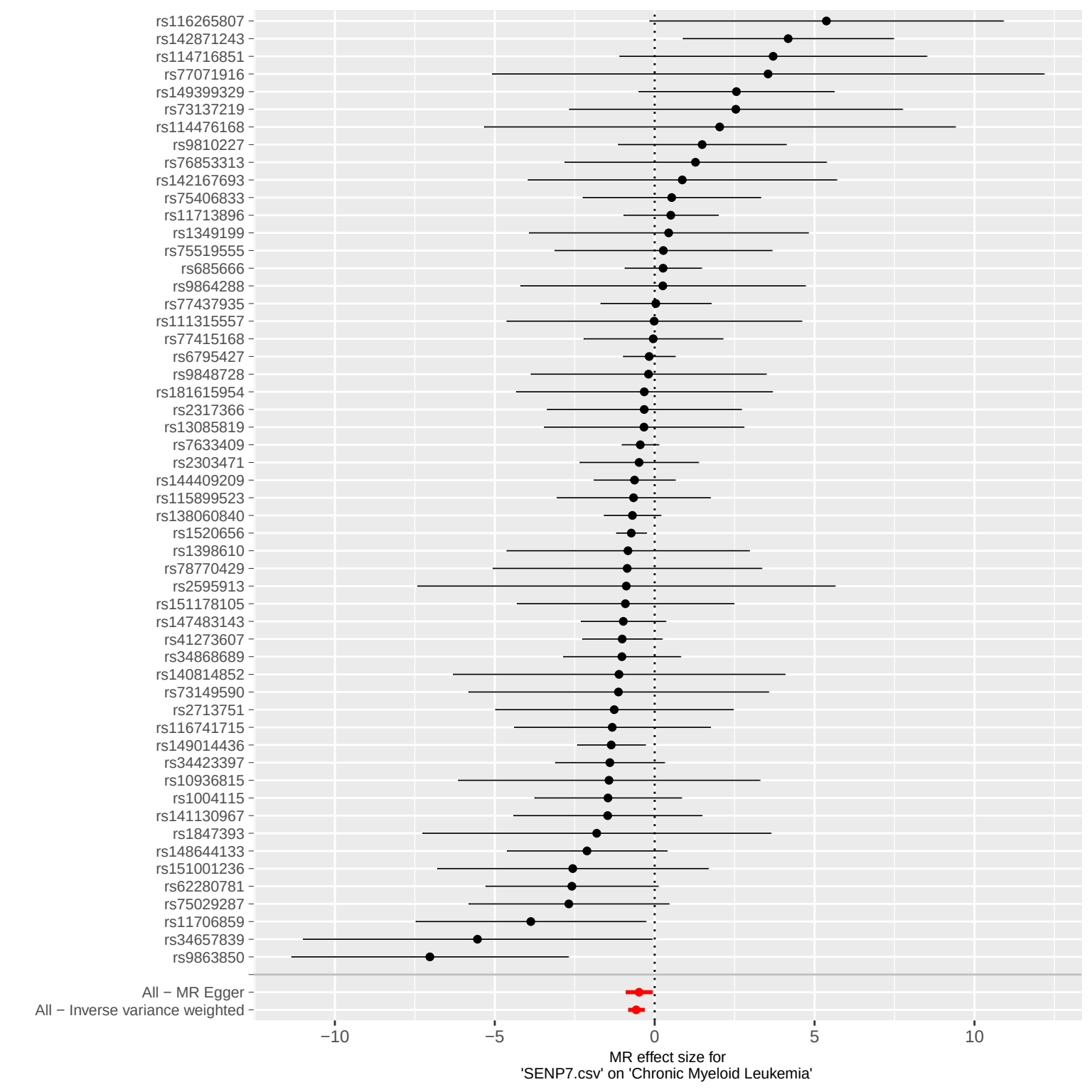
MR effect size for
'SEMG1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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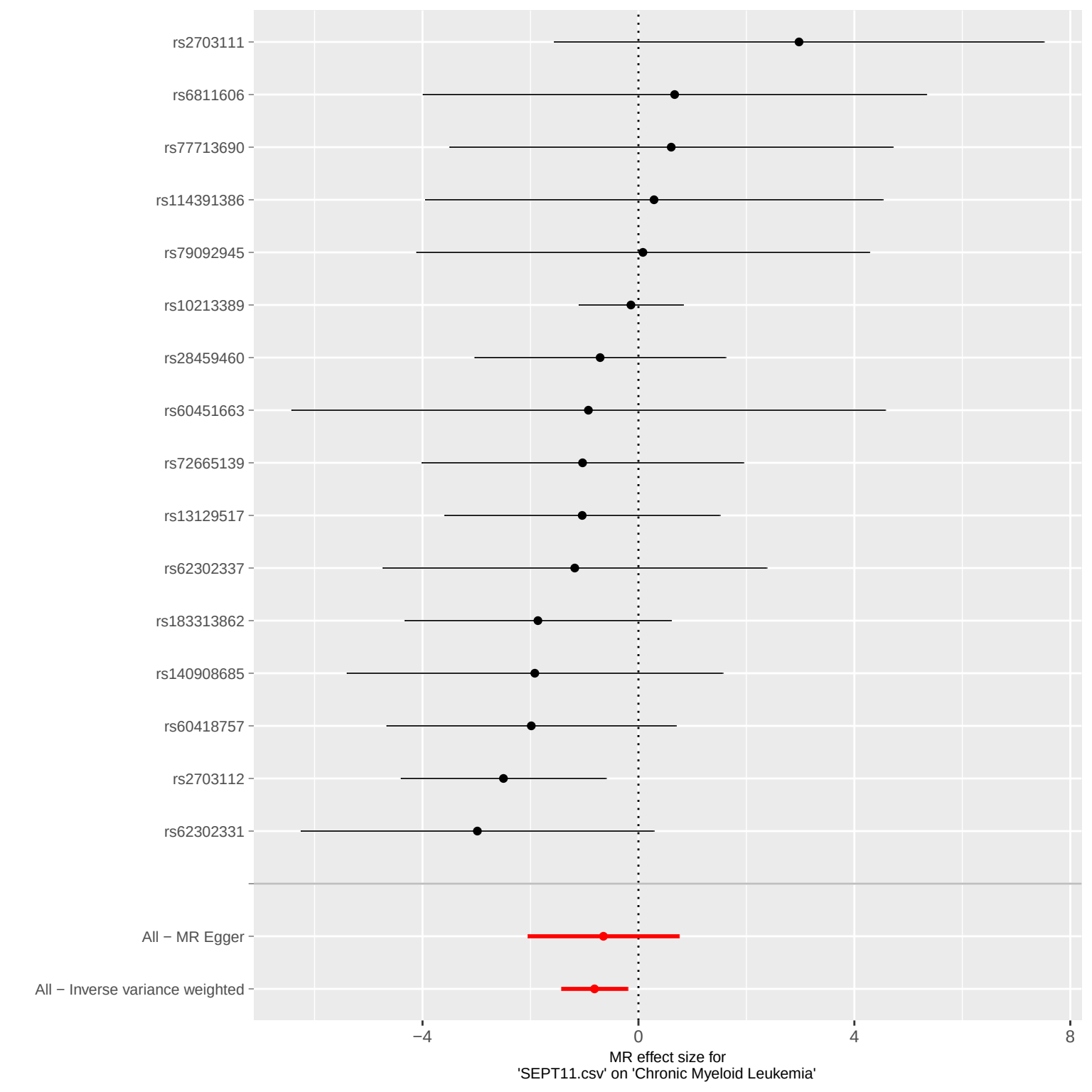
MR effect size for
'SENP7.csv' on 'Chronic Myeloid Leukemia'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rs62302337
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rs140908685
rs60418757
rs2703112
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All − MR Egger
All − Inverse variance weighted
−4
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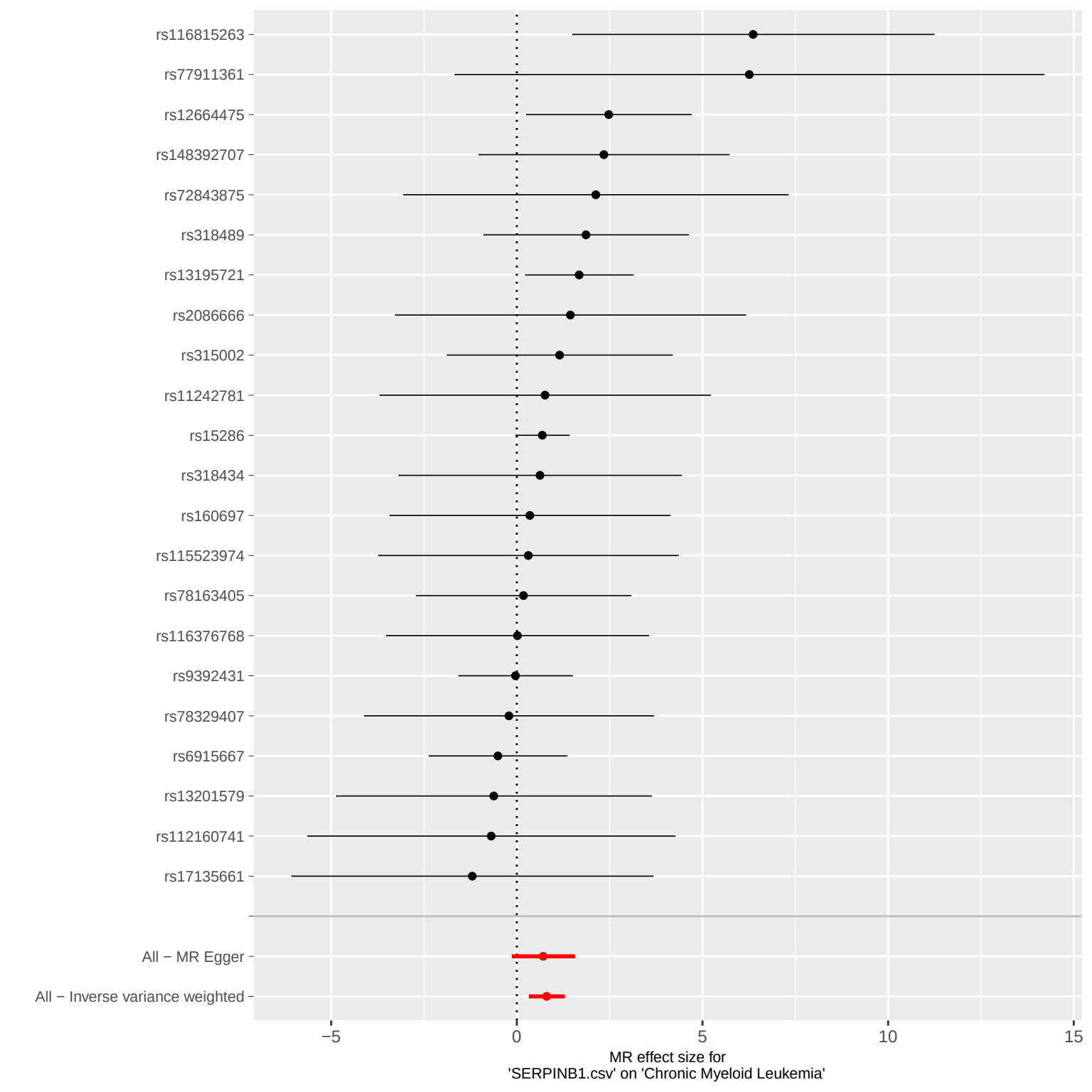
8
MR effect size for
'SEPT11.csv' on 'Chronic Myeloid Leukemia'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rs160697
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rs78163405
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rs17135661
All − MR Egger
All − Inverse variance weighted
−5
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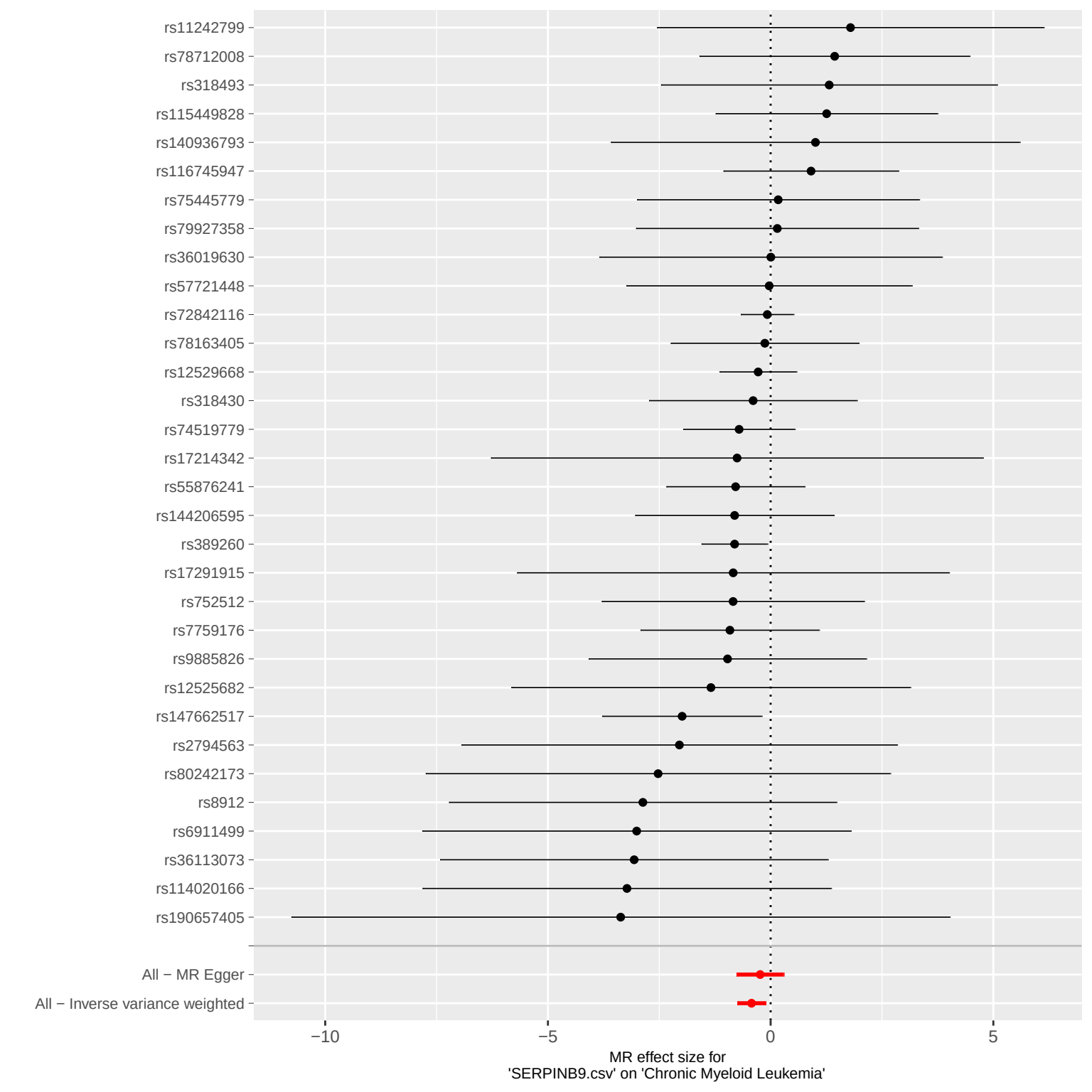
5
10
15
MR effect size for
'SERPINB1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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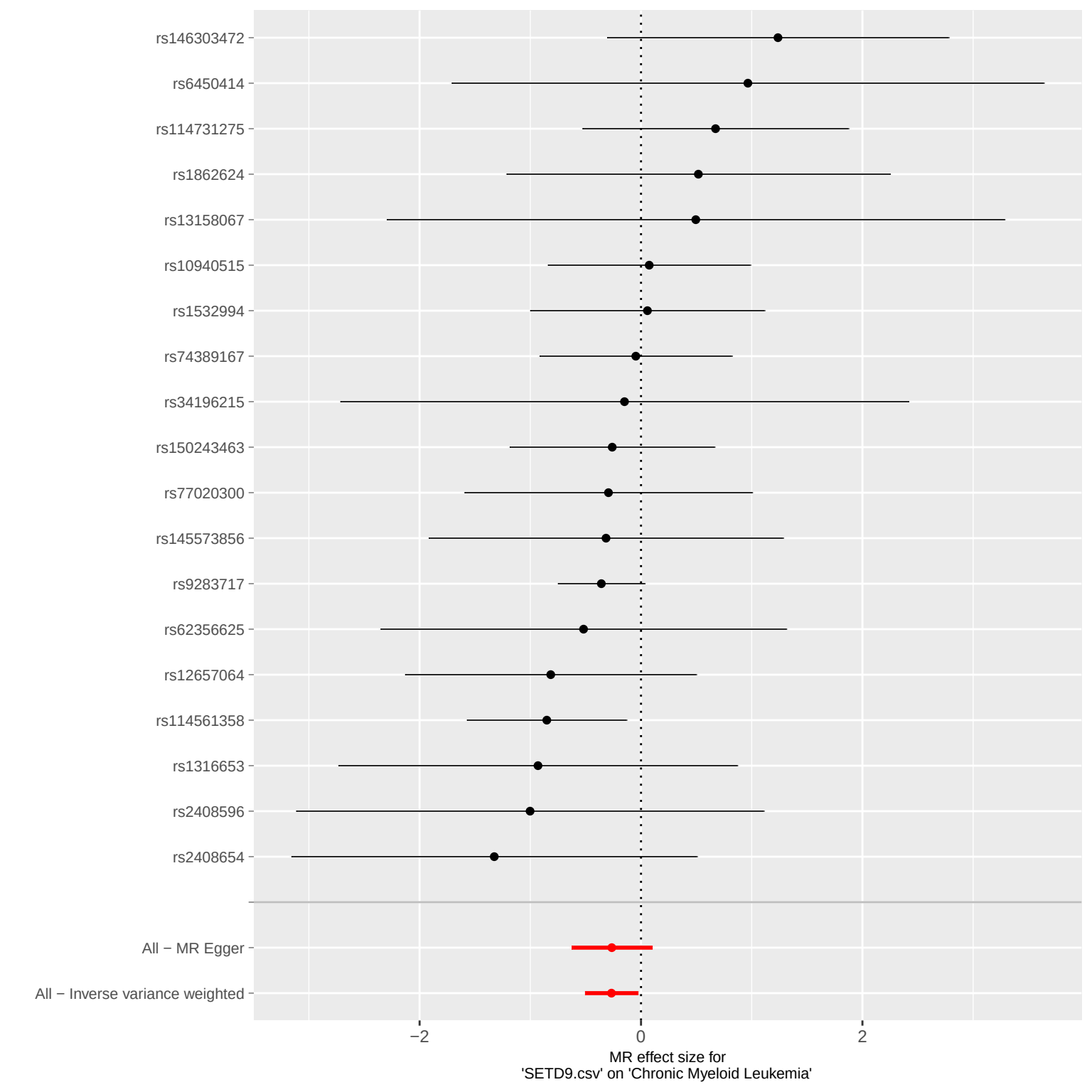
MR effect size for
'SERPINB9.csv' on 'Chronic Myeloid Leukemia'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rs145573856
rs9283717
rs62356625
rs12657064
rs114561358
rs1316653
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All − MR Egger
All − Inverse variance weighted
−2
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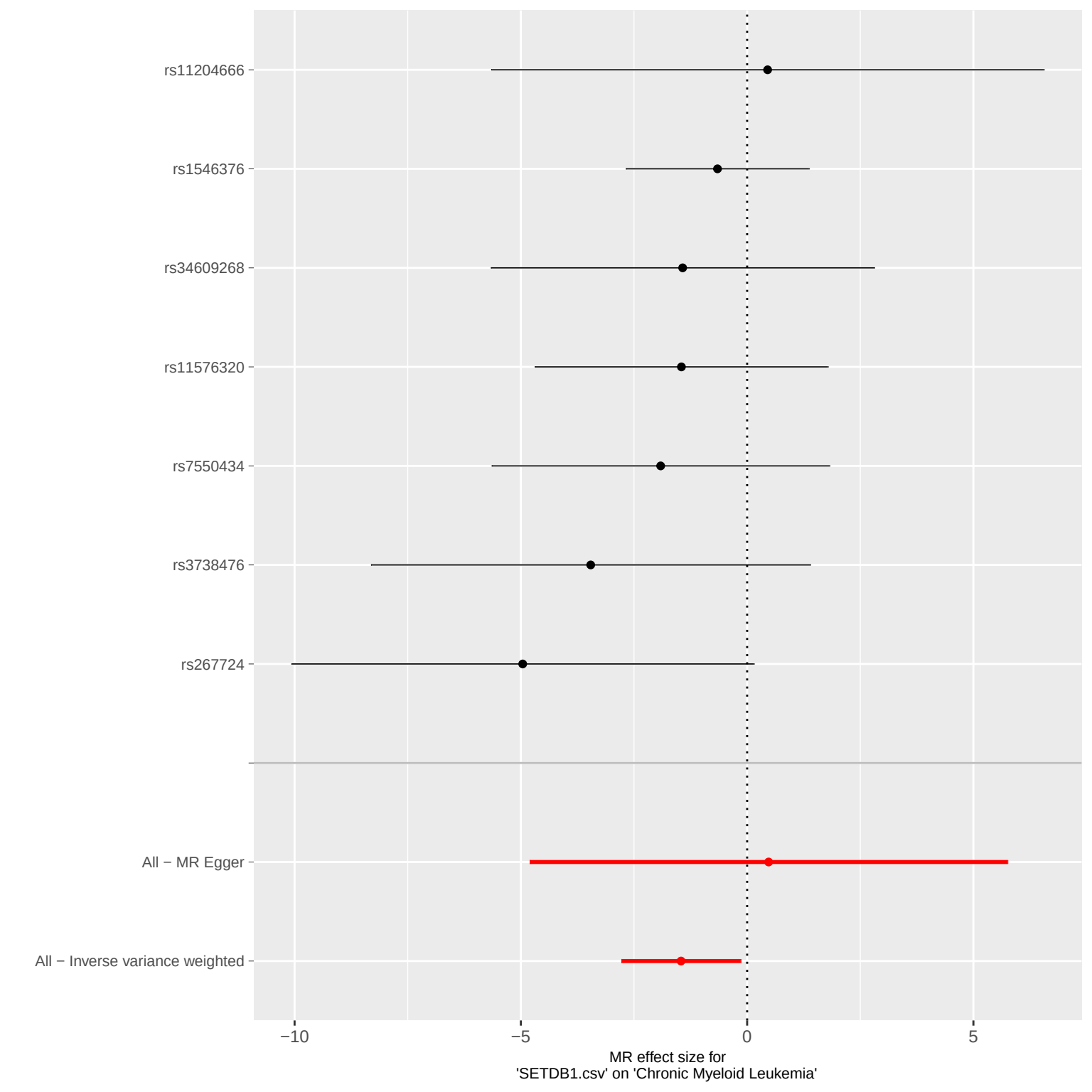
MR effect size for
'SETD9.csv' on 'Chronic Myeloid Leukemia'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rs3738476
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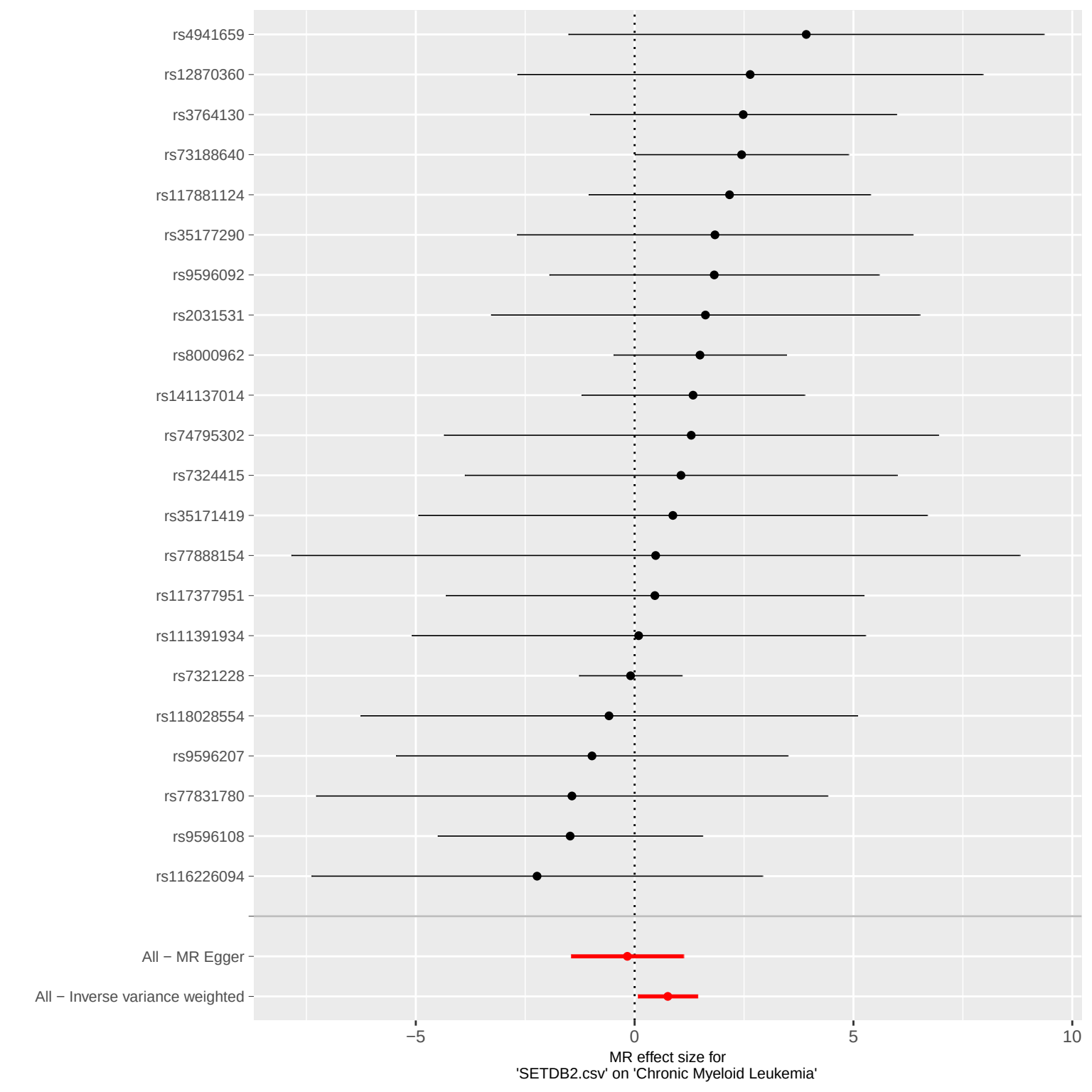
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SETDB1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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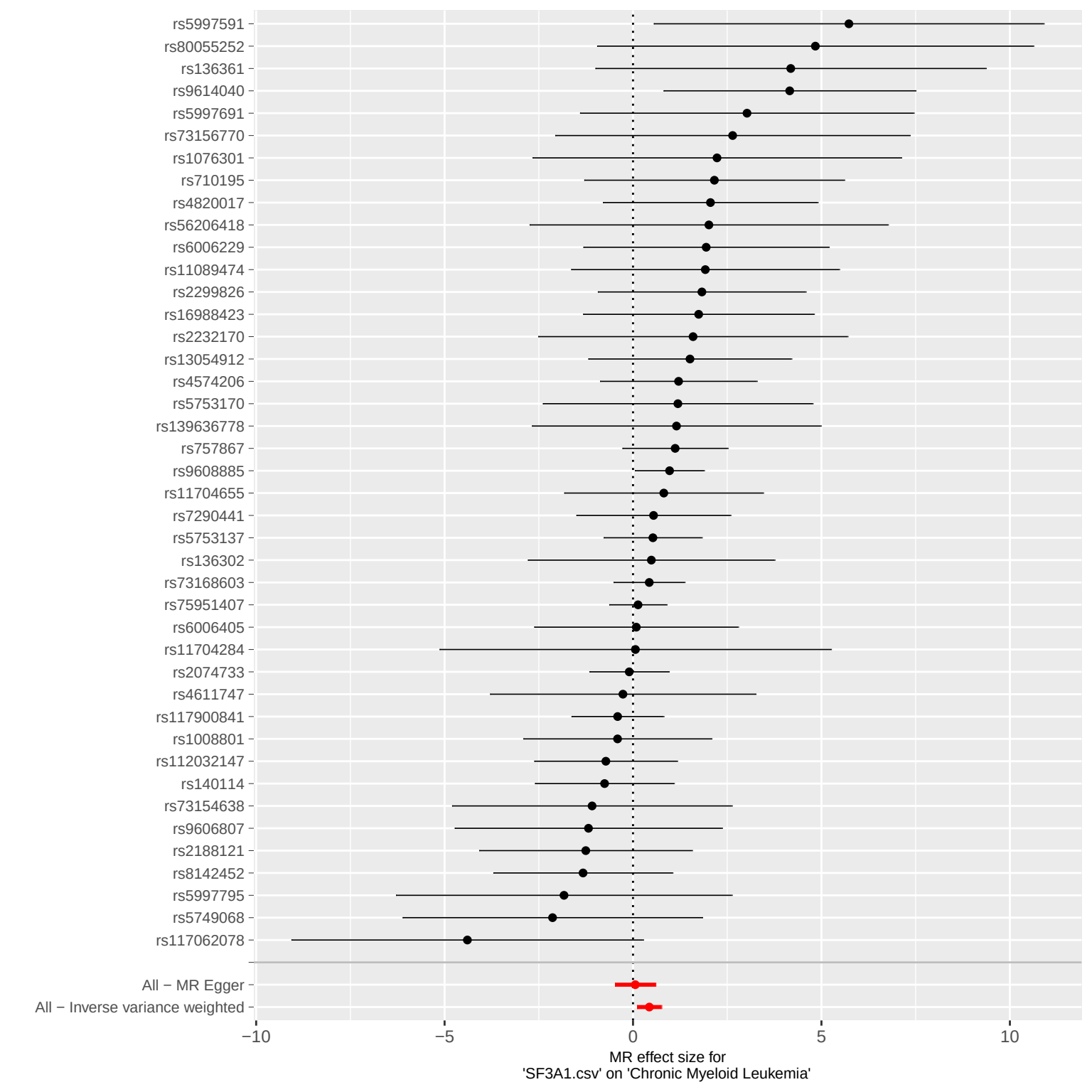
MR effect size for
'SETDB2.csv' on 'Chronic Myeloid Leukemia'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rs5753137
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rs6006405
rs11704284
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rs1008801
rs112032147
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rs2188121
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rs5749068
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
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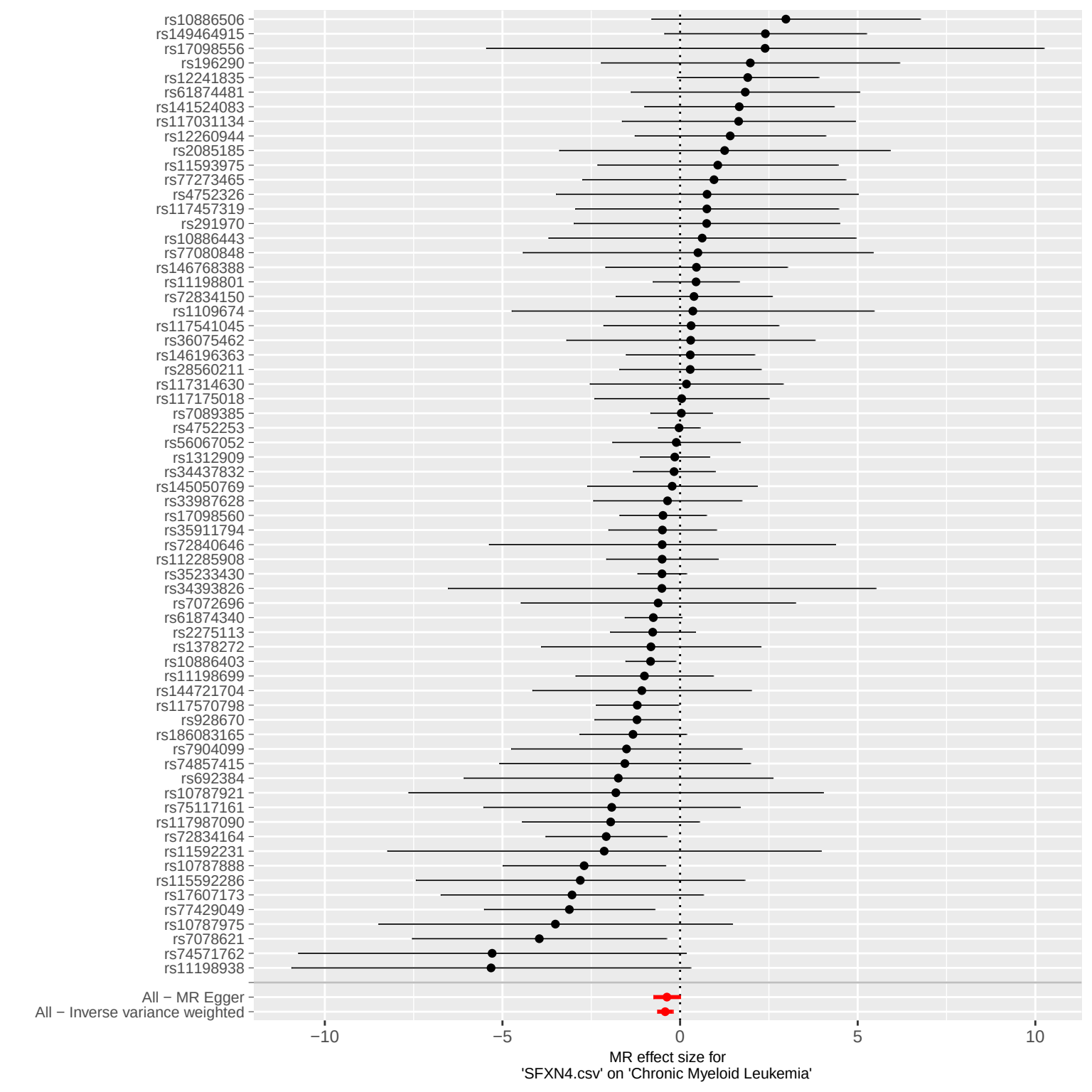
MR effect size for
'SF3A1.csv' on 'Chronic Myeloid Leukemia'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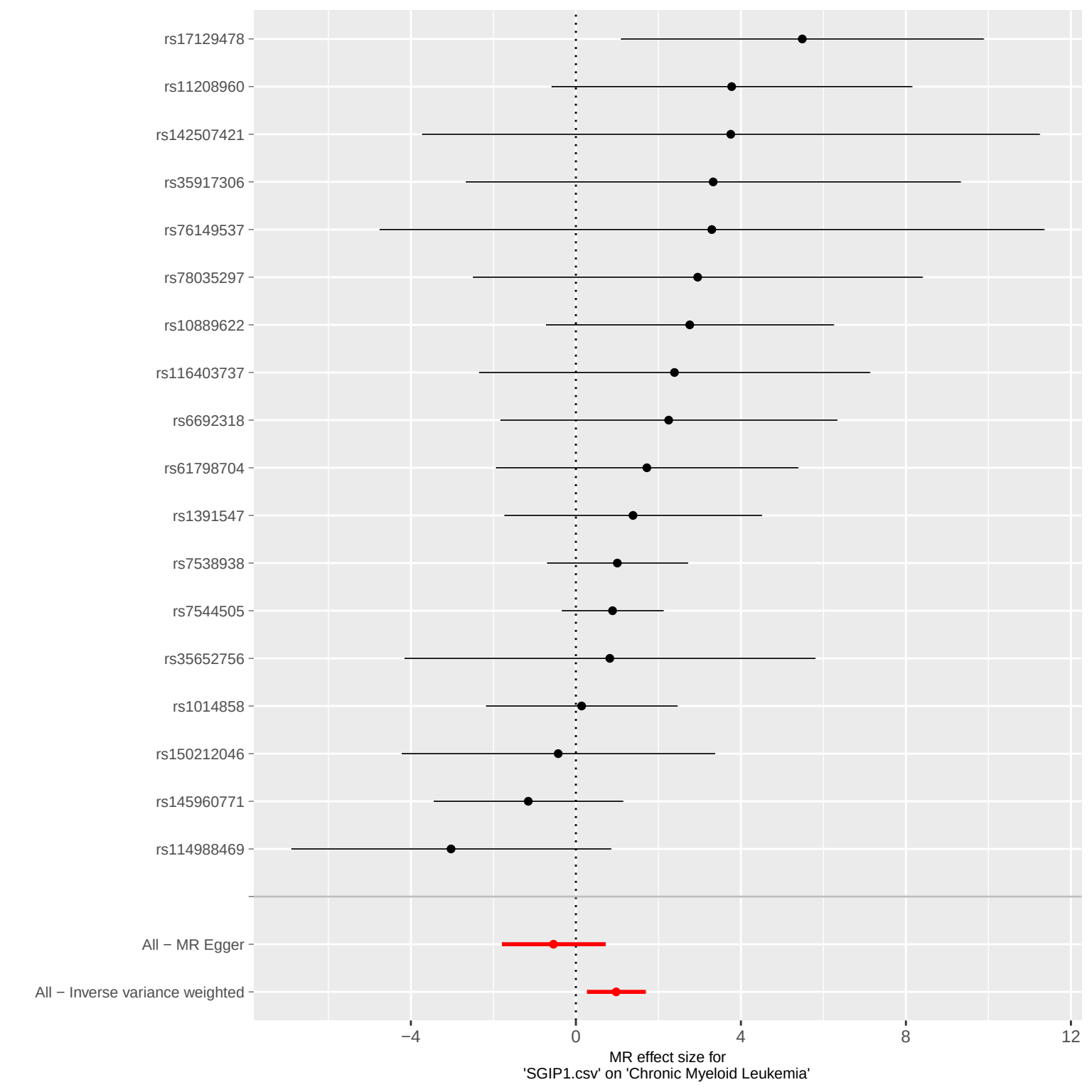
rs17607173
rs77429049
rs10787975
rs7078621
rs74571762
rs11198938
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SFXN4.csv' on 'Chronic Myeloid Leukemia'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rs1014858
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All − MR Egger
All − Inverse variance weighted
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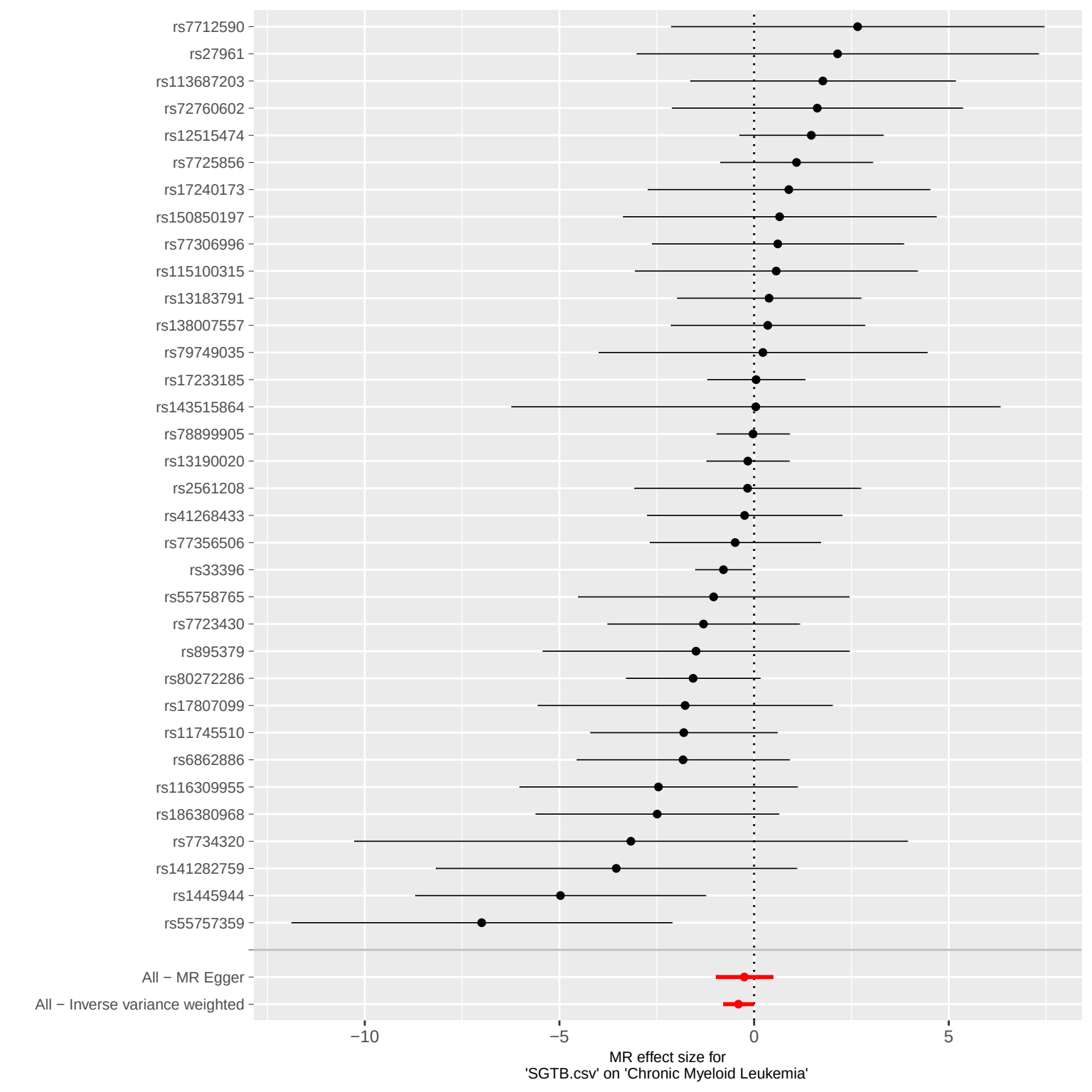
4
8
12
MR effect size for
'SGIP1.csv' on 'Chronic Myeloid Leukemia'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rs79749035
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rs13190020
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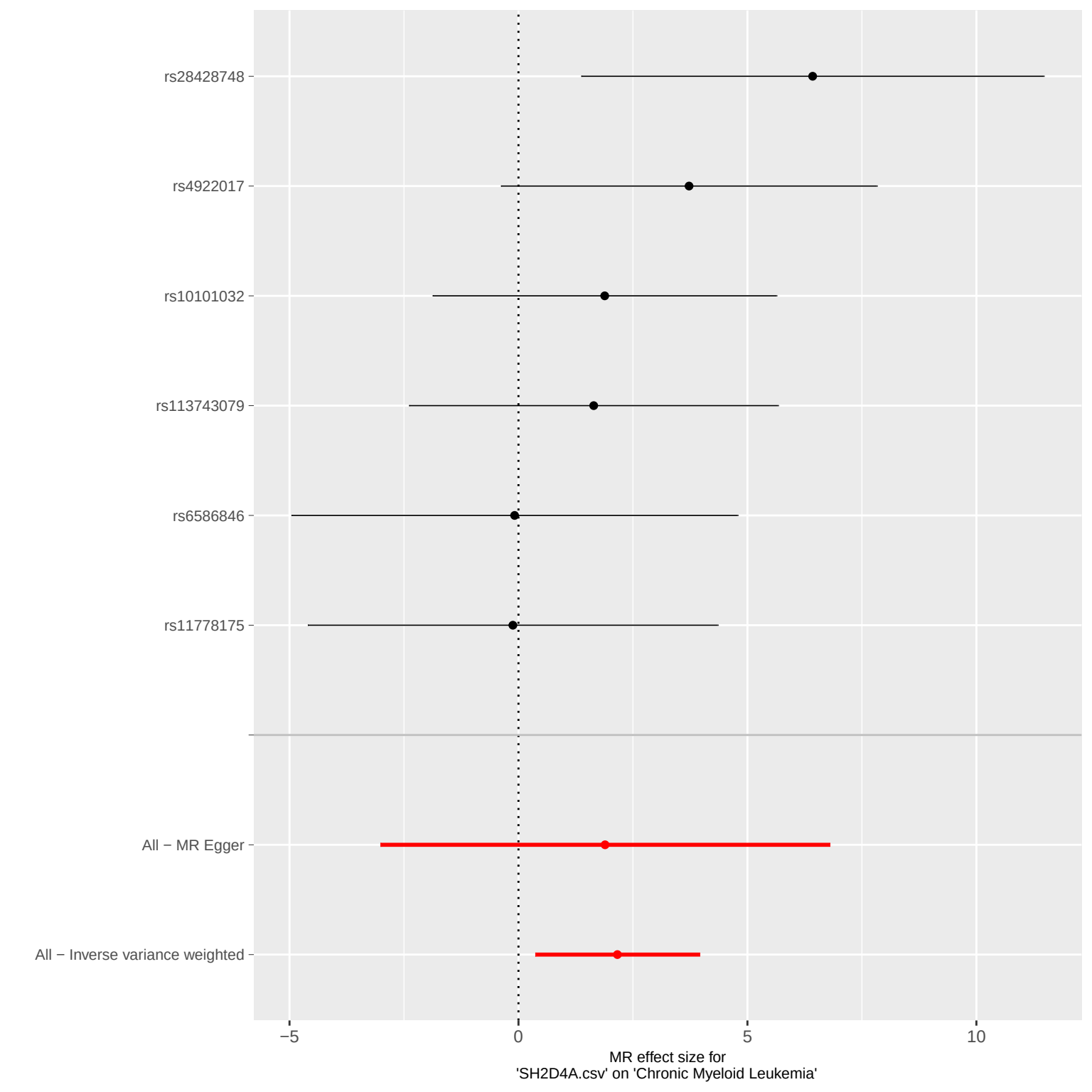
rs80272286
rs17807099
rs11745510
rs6862886
rs116309955
rs186380968
rs7734320
rs141282759
rs1445944
rs55757359
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SGTB.csv' on 'Chronic Myeloid Leukemia'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rs4922017
rs10101032
rs113743079
rs6586846
rs11778175
All − MR Egger
All − Inverse variance weighted
−5
0
5
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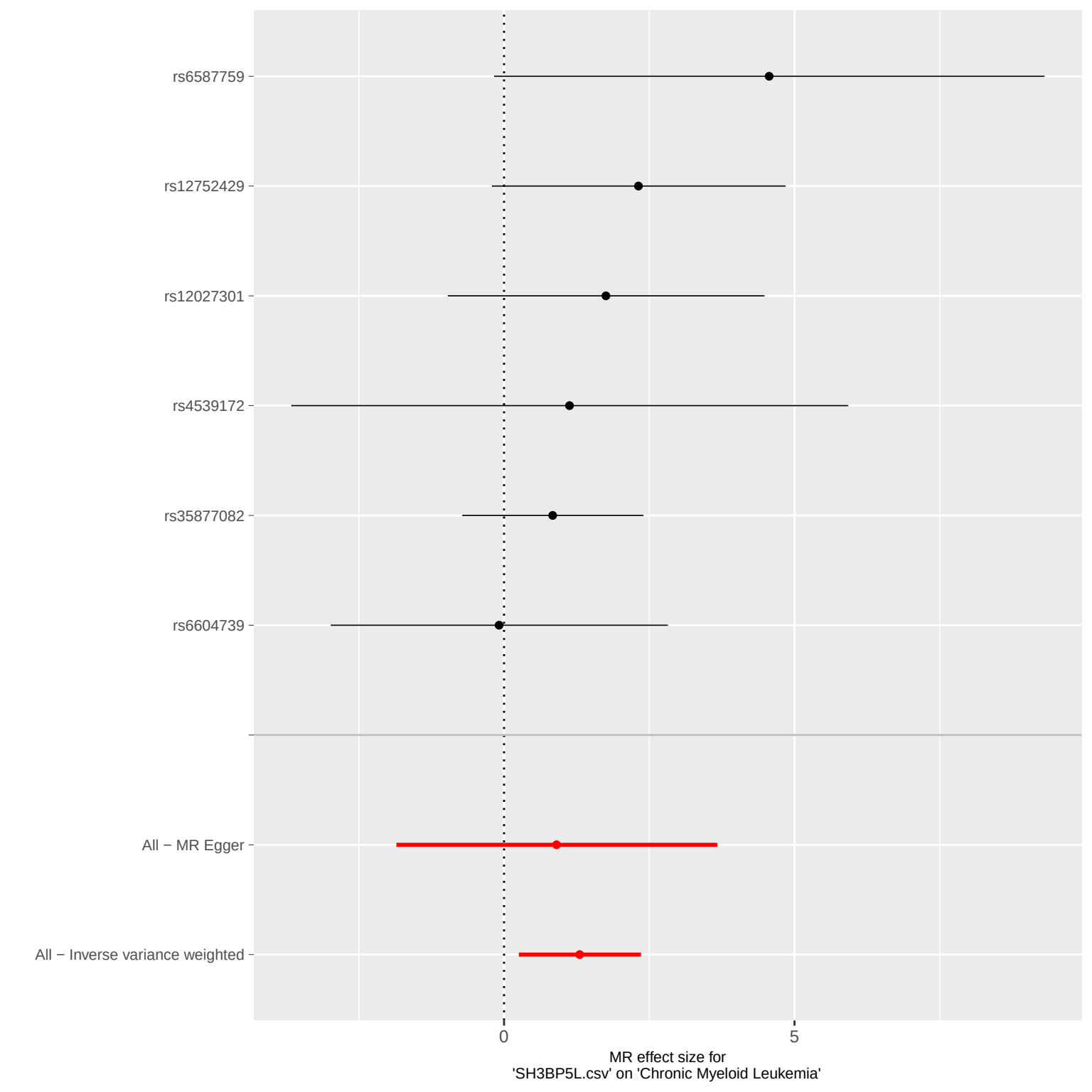
MR effect size for
'SH2D4A.csv' on 'Chronic Myeloid Leukemia'


rs6587759
rs12752429
rs12027301
rs4539172
rs35877082
rs6604739
All − MR Egger
All − Inverse variance weighted
0
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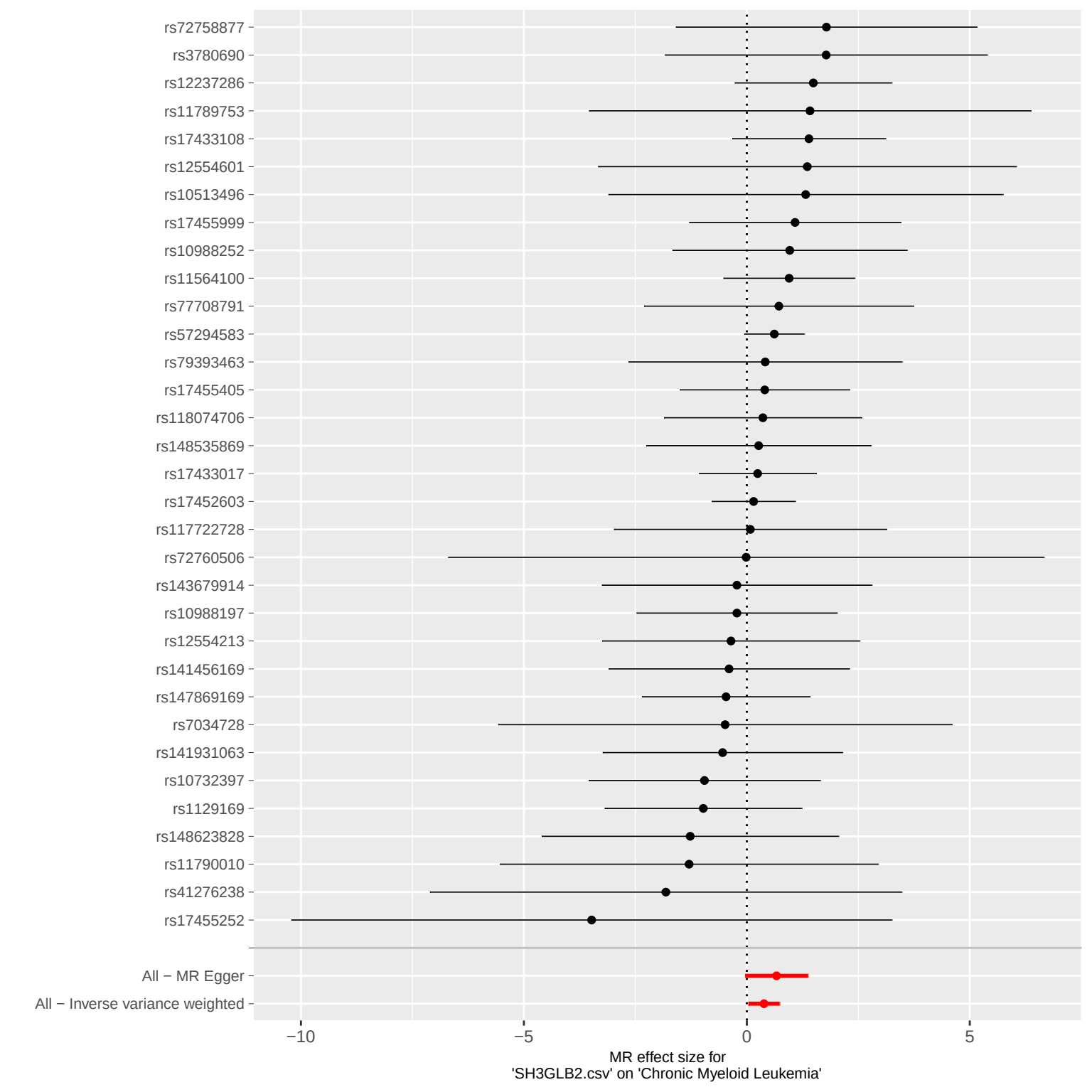
MR effect size for
'SH3BP5L.csv' on 'Chronic Myeloid Leukemia'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rs57294583
rs79393463
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rs118074706
rs148535869
rs17433017
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rs72760506
rs143679914
rs10988197
rs12554213
rs141456169
rs147869169
rs7034728
rs141931063
rs10732397
rs1129169
rs148623828
rs11790010
rs41276238
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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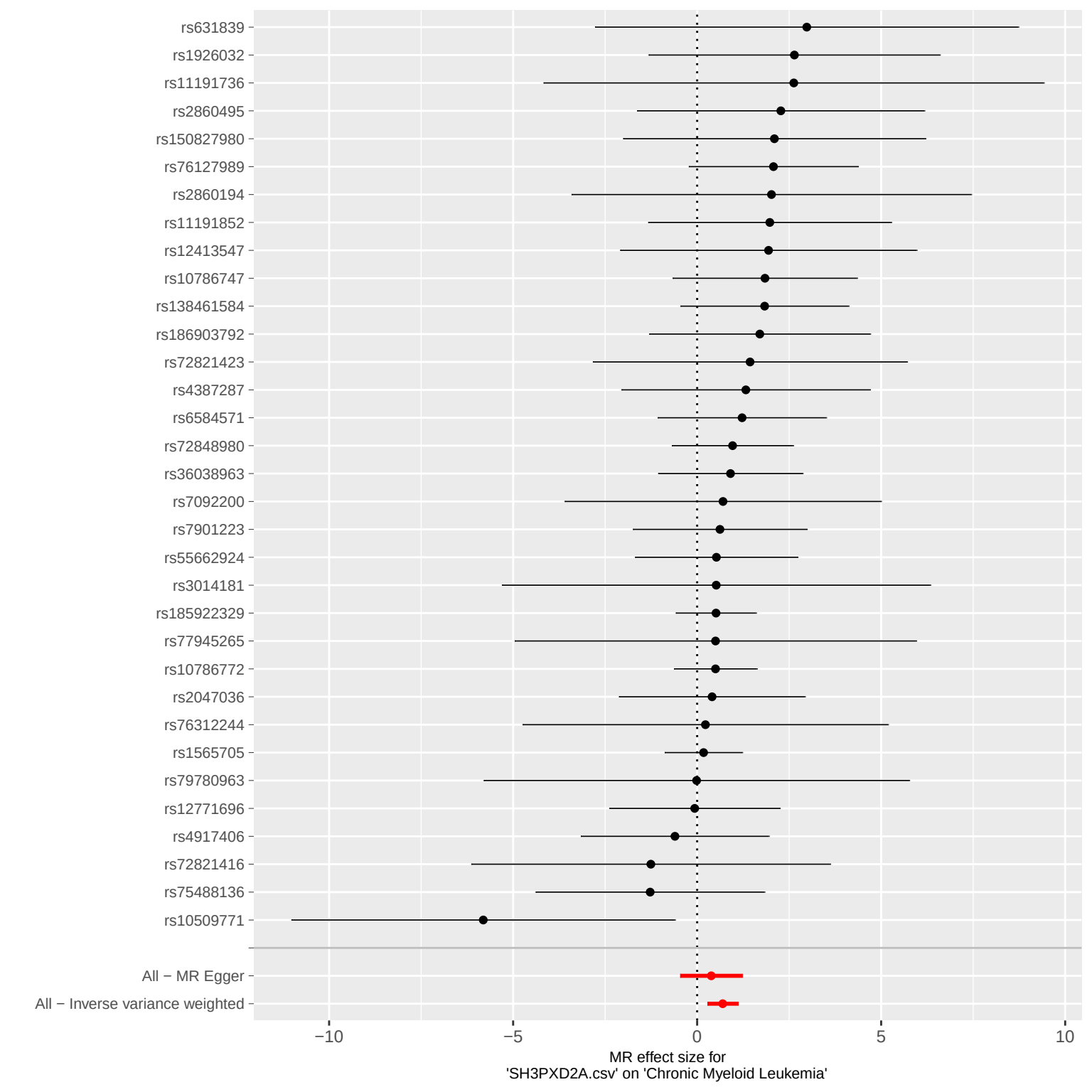
MR effect size for
'SH3GLB2.csv' on 'Chronic Myeloid Leukemia'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rs3014181
rs185922329
rs77945265
rs10786772
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rs76312244
rs1565705
rs79780963
rs12771696
rs4917406
rs72821416
rs75488136
rs10509771
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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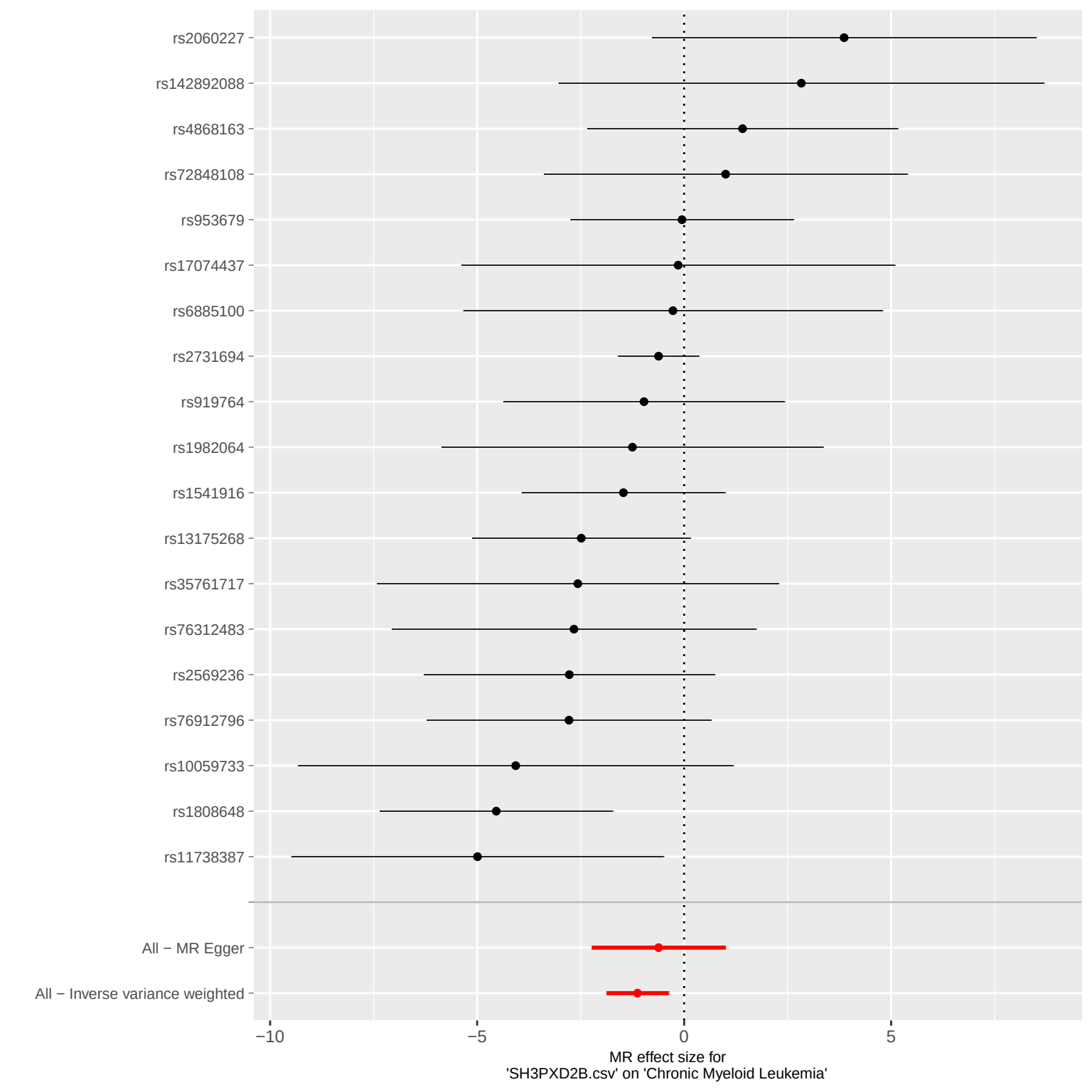
MR effect size for
'SH3PXD2A.csv' on 'Chronic Myeloid Leukemia'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rs1982064
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rs13175268
rs35761717
rs76312483
rs2569236
rs76912796
rs10059733
rs1808648
rs11738387
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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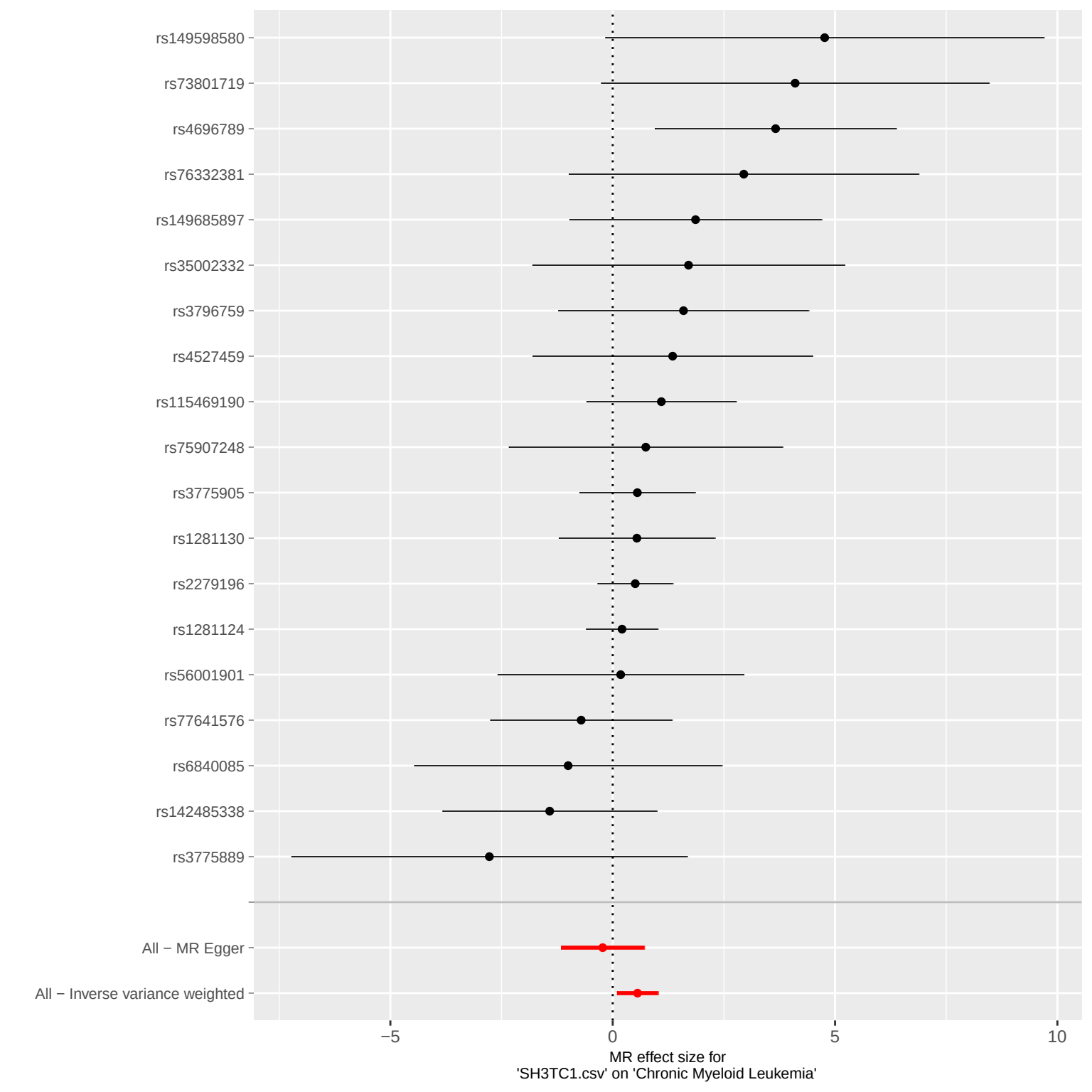
MR effect size for
'SH3PXD2B.csv' on 'Chronic Myeloid Leukemia'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rs1281124
rs56001901
rs77641576
rs6840085
rs142485338
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All − MR Egger
All − Inverse variance weighted
−5
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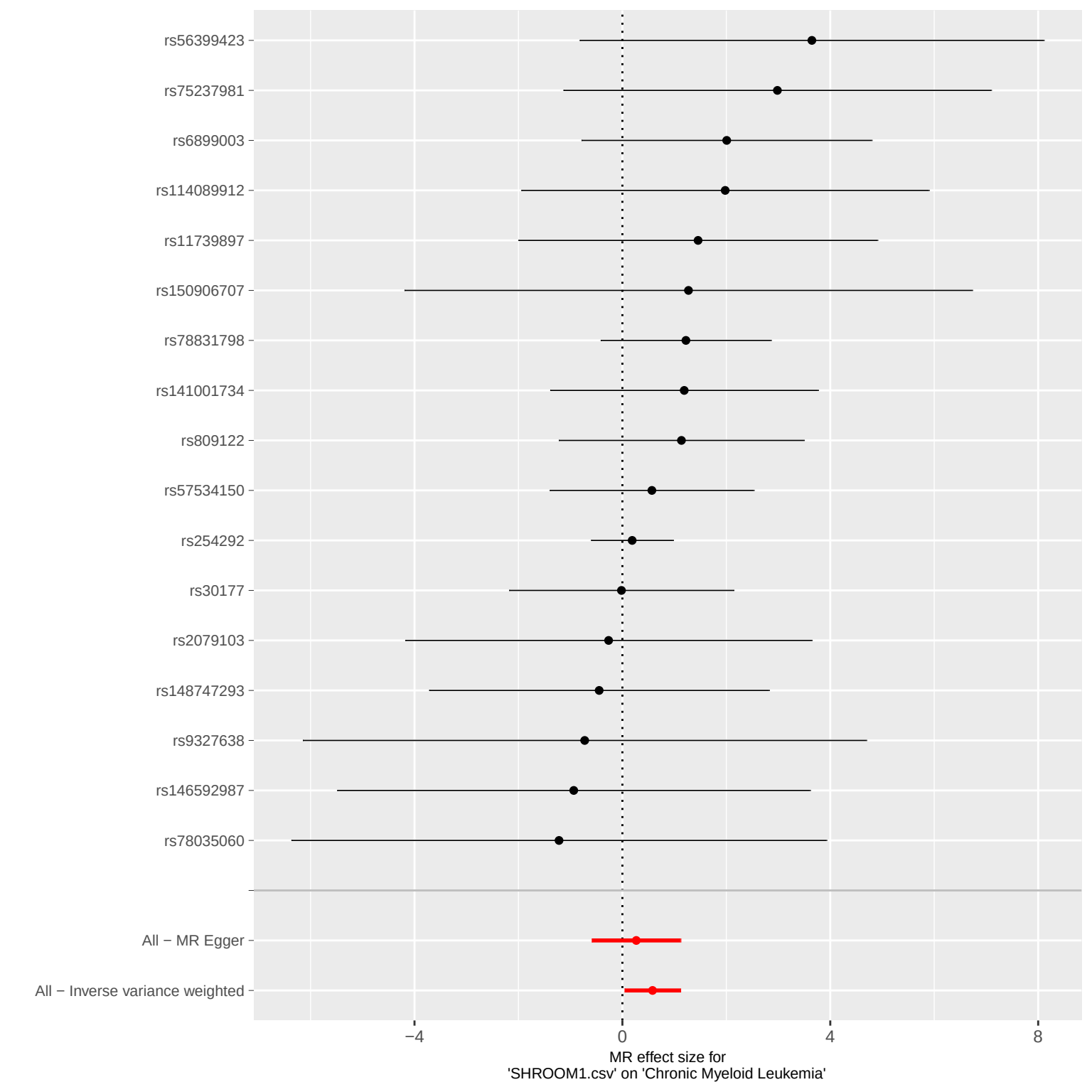
MR effect size for
'SH3TC1.csv' on 'Chronic Myeloid Leukemia'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rs809122
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rs254292
rs30177
rs2079103
rs148747293
rs9327638
rs146592987
rs78035060
All − MR Egger
All − Inverse variance weighted
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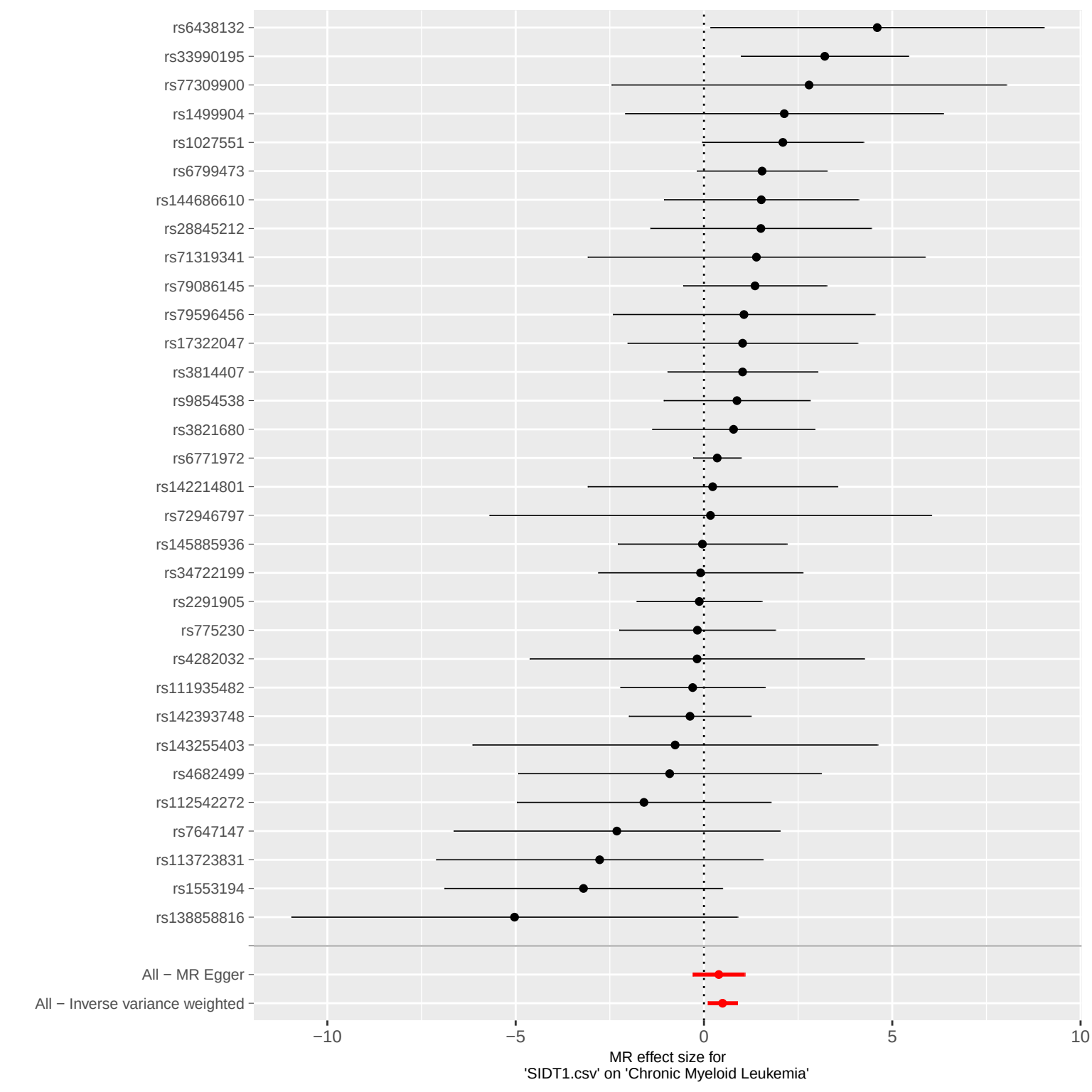
8
MR effect size for
'SHROOM1.csv' on 'Chronic Myeloid Leukemia'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rs9854538
rs3821680
rs6771972
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rs2291905
rs775230
rs4282032
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rs4682499
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rs7647147
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rs138858816
All − MR Egger
All − Inverse variance weighted
−10
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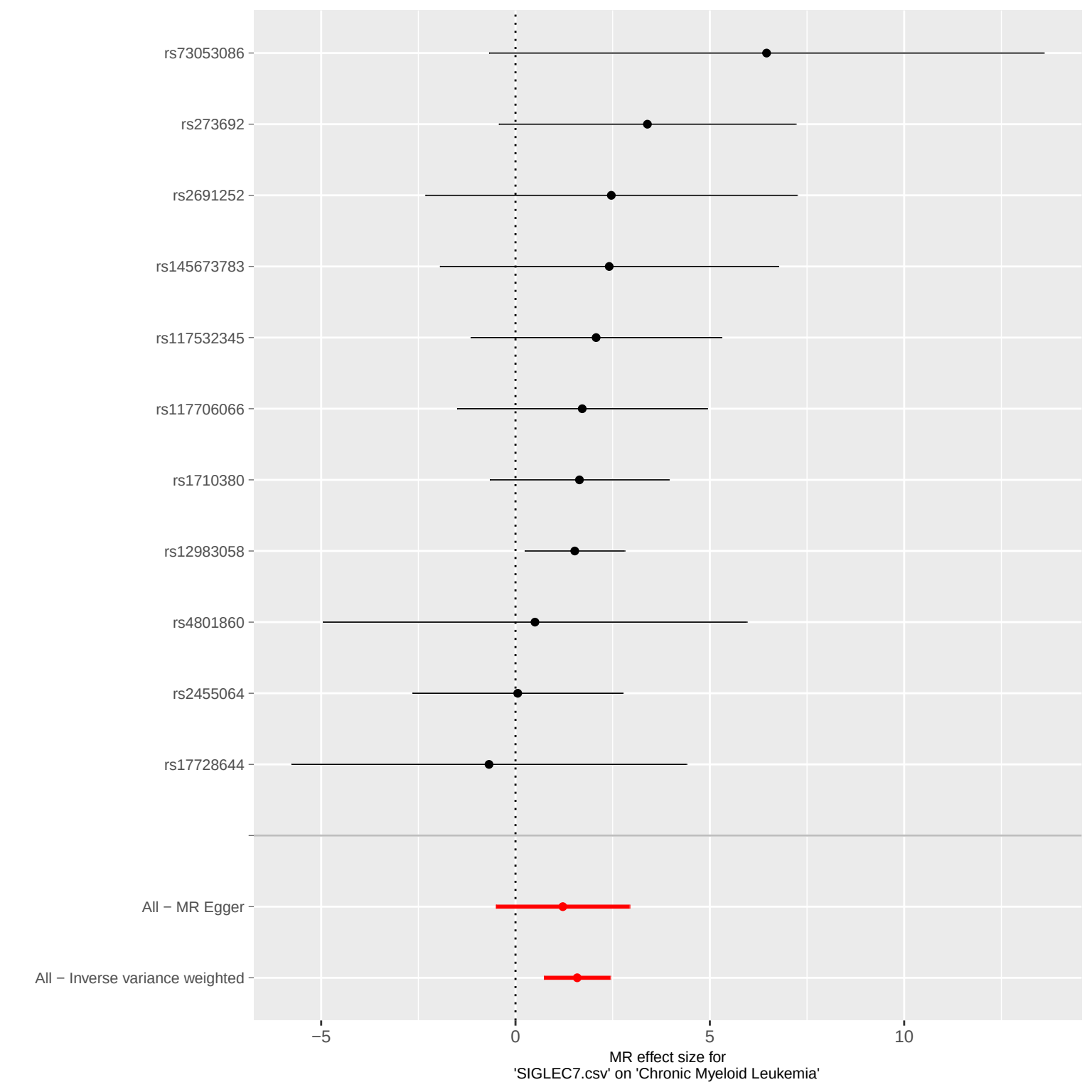
MR effect size for
'SIDT1.csv' on 'Chronic Myeloid Leukemia'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rs2455064
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All − MR Egger
All − Inverse variance weighted
−5
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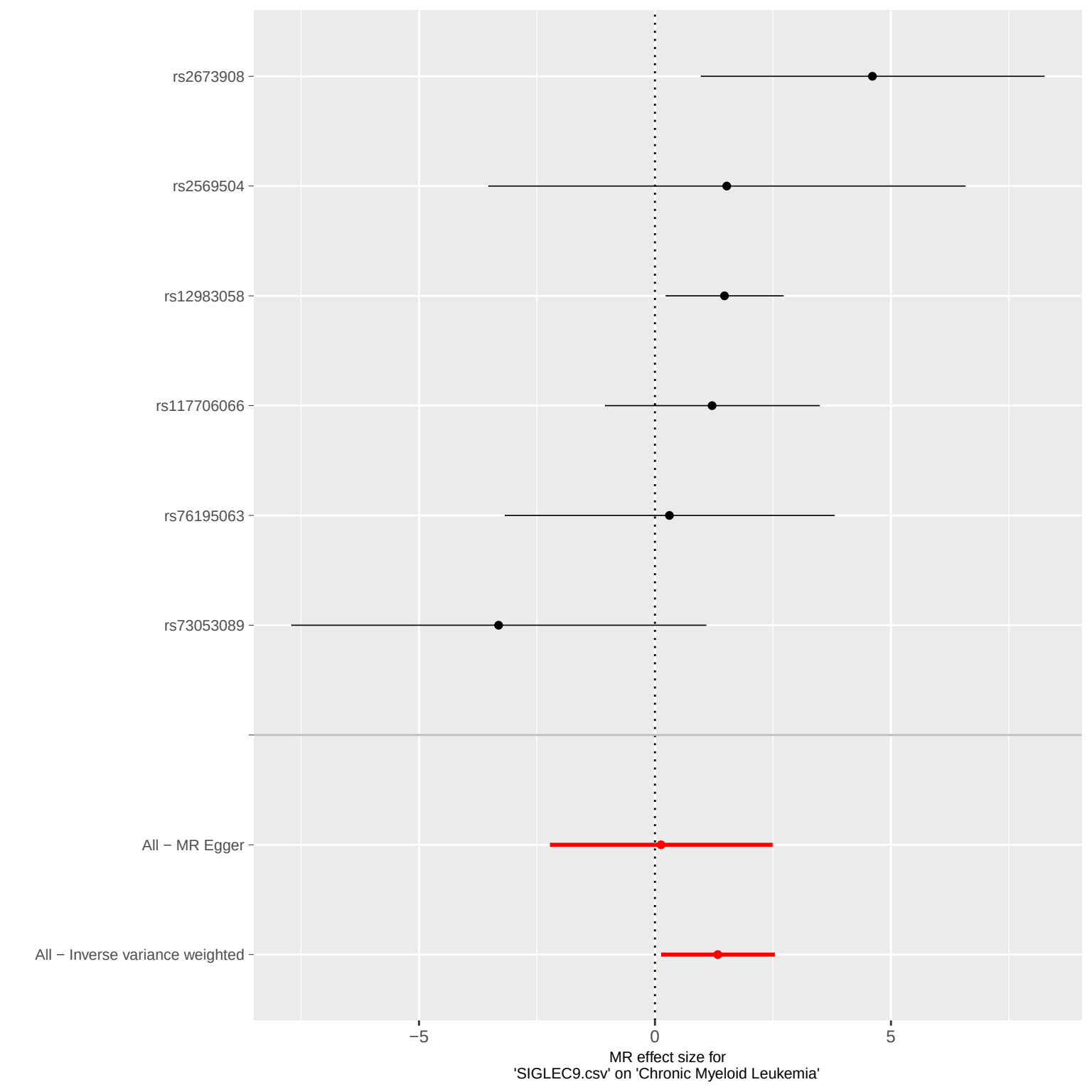
MR effect size for
'SIGLEC7.csv' on 'Chronic Myeloid Leukemia'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rs2569504
rs12983058
rs117706066
rs76195063
rs73053089
All − MR Egger
All − Inverse variance weighted
−5
0
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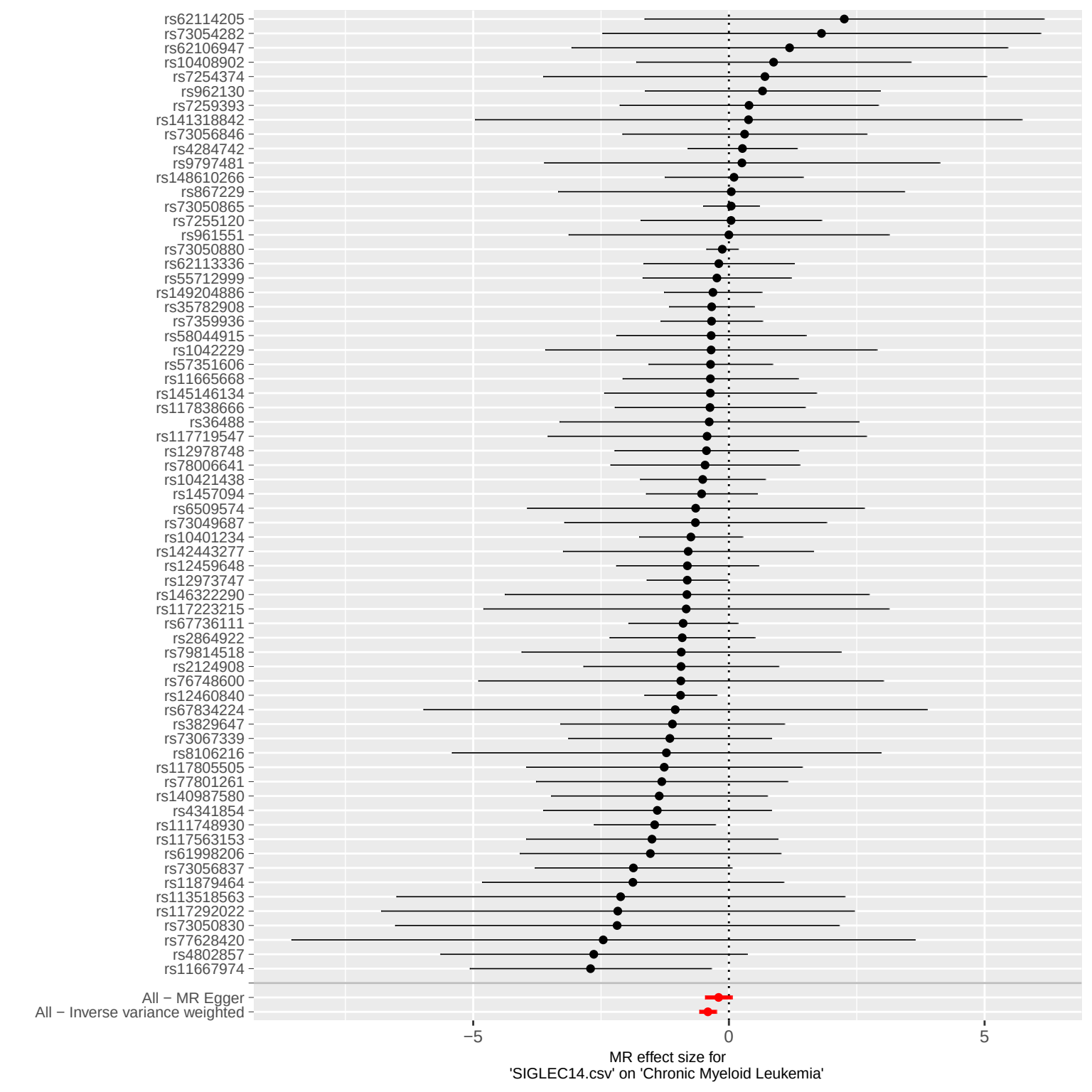
MR effect size for
'SIGLEC9.csv' on 'Chronic Myeloid Leukemia'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rs1042229
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rs117838666
rs36488
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rs12978748
rs78006641
rs10421438
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rs73050830
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All − MR Egger
All − Inverse variance weighted
−5
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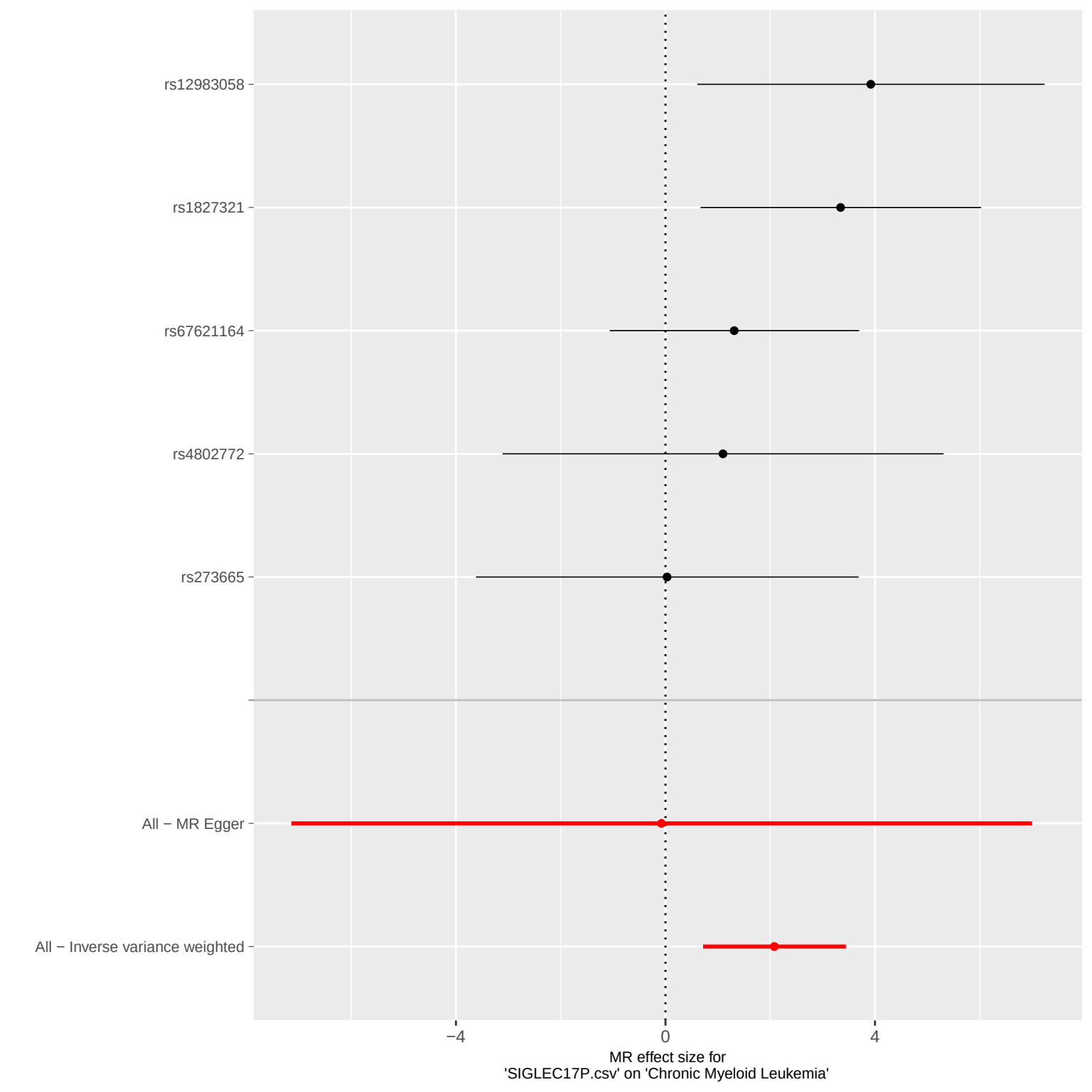
5
MR effect size for
'SIGLEC14.csv' on 'Chronic Myeloid Leukemia'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rs67621164
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All − MR Egger
All − Inverse variance weighted
−4
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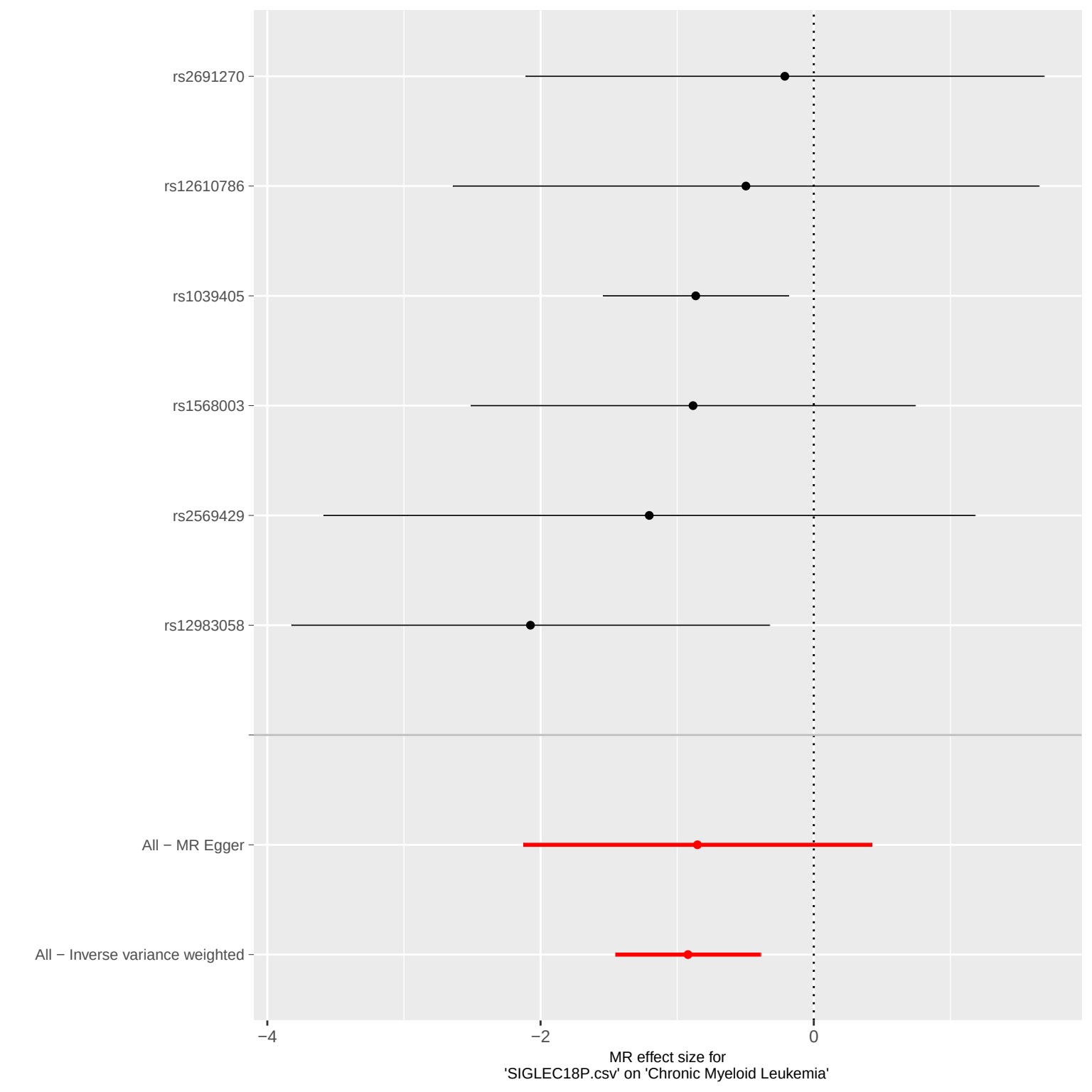
MR effect size for
'SIGLEC17P.csv' on 'Chronic Myeloid Leukemia'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rs2569429
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All − MR Egger
All − Inverse variance weighted
−4
−2
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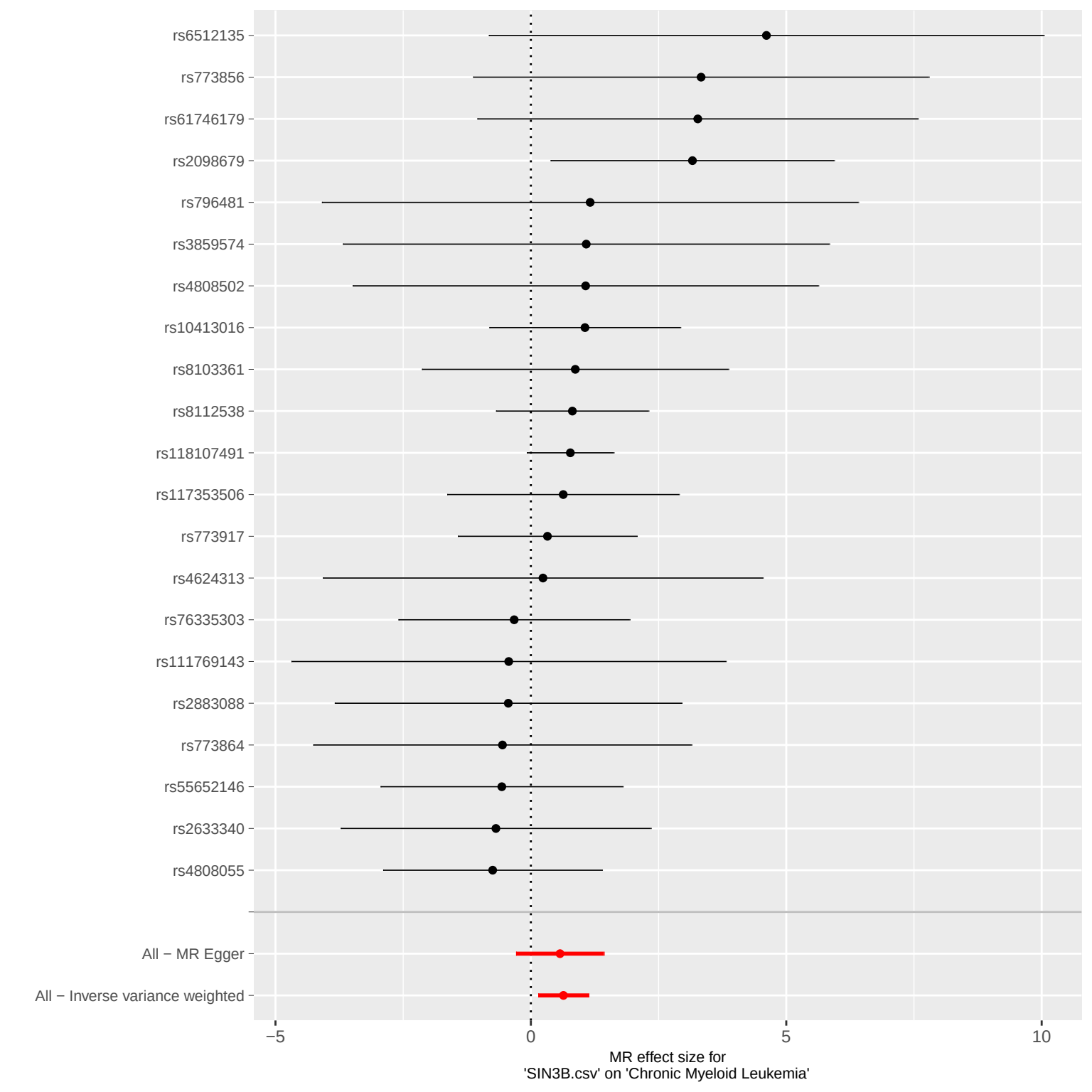
'SIGLEC18P.csv' on 'Chronic Myeloid Leukemia'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rs76335303
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rs2883088
rs773864
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All − MR Egger
All − Inverse variance weighted
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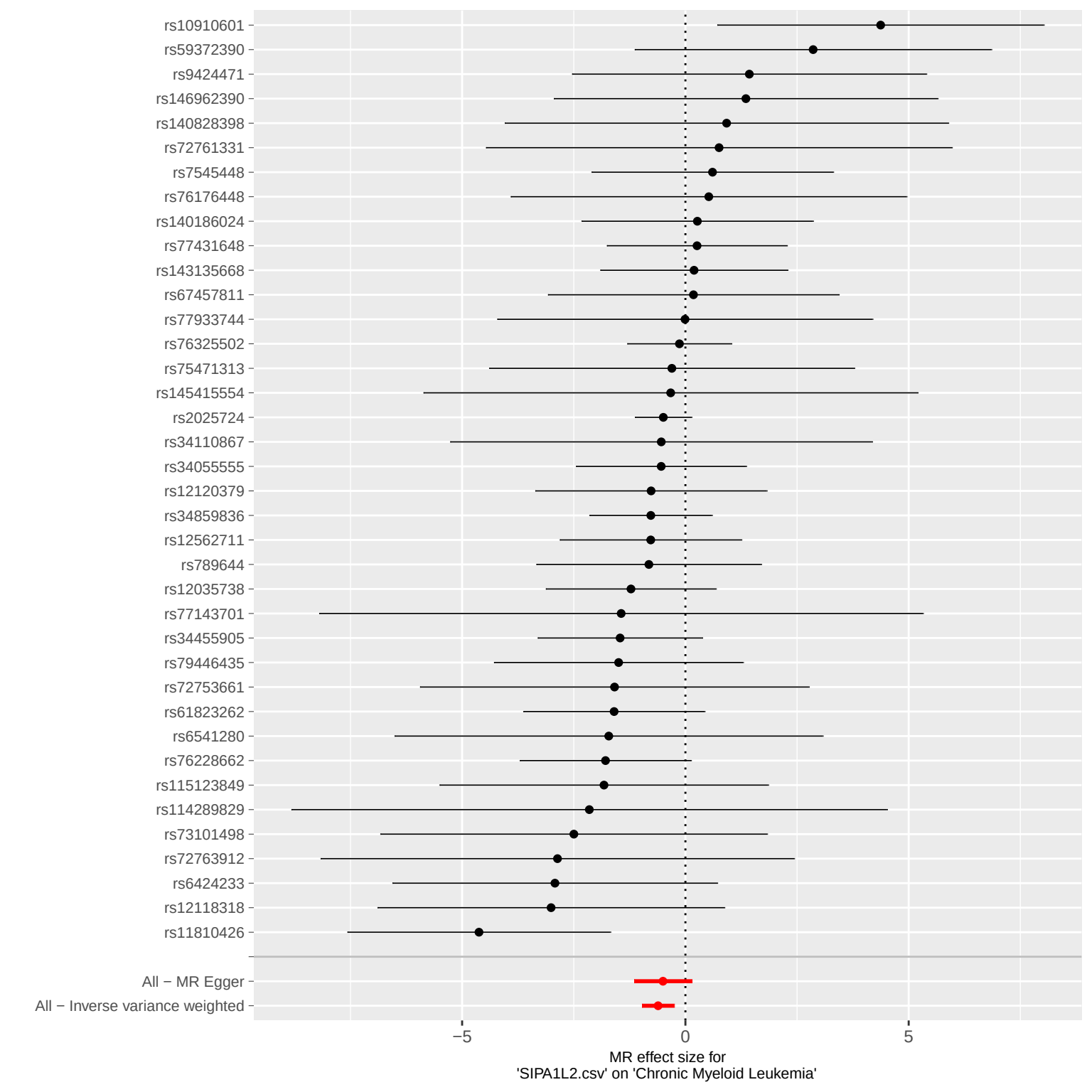
10
MR effect size for
'SIN3B.csv' on 'Chronic Myeloid Leukemia'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rs72763912
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rs12118318
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All − MR Egger
All − Inverse variance weighted
−5
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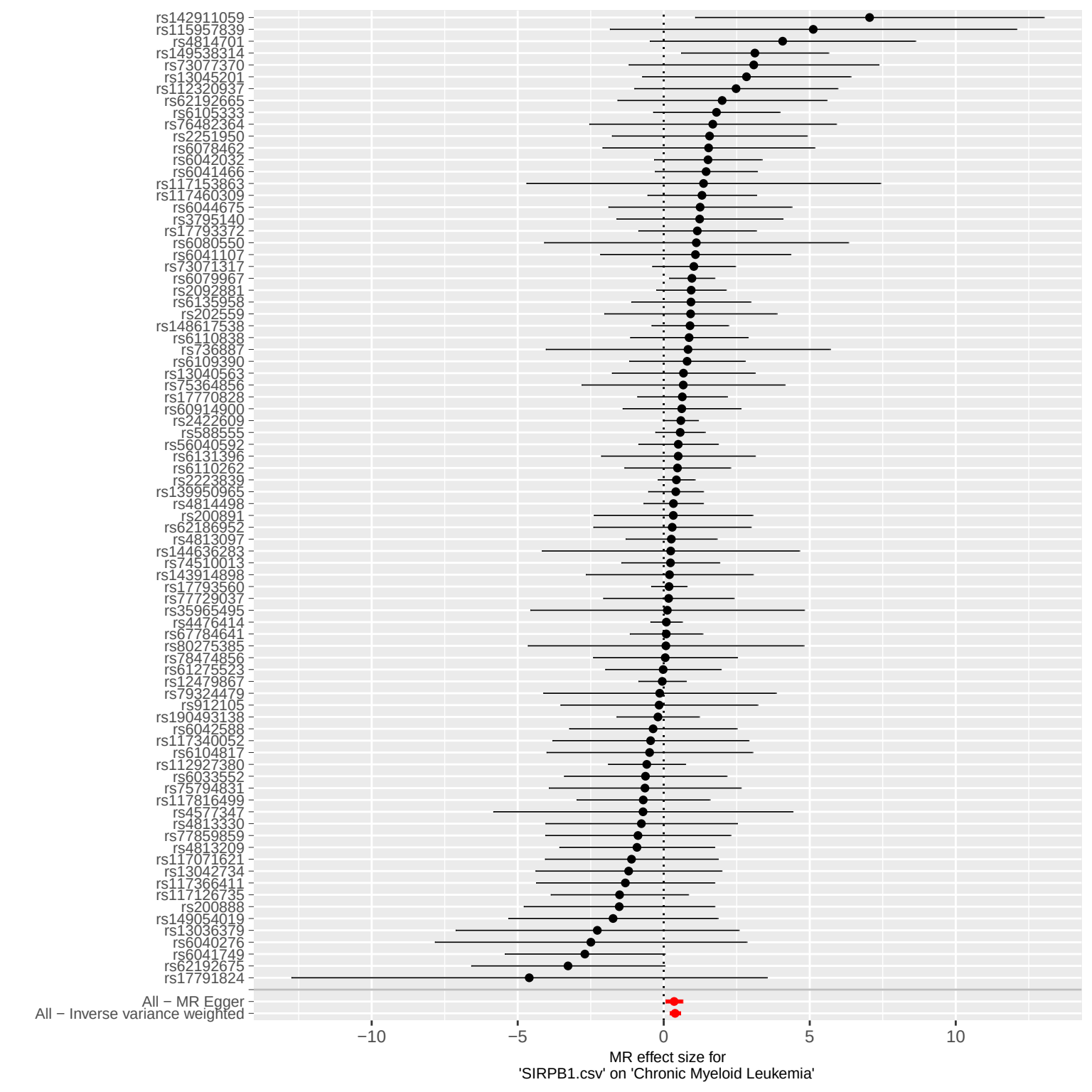
MR effect size for
'SIPA1L2.csv' on 'Chronic Myeloid Leukemia'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rs6040276
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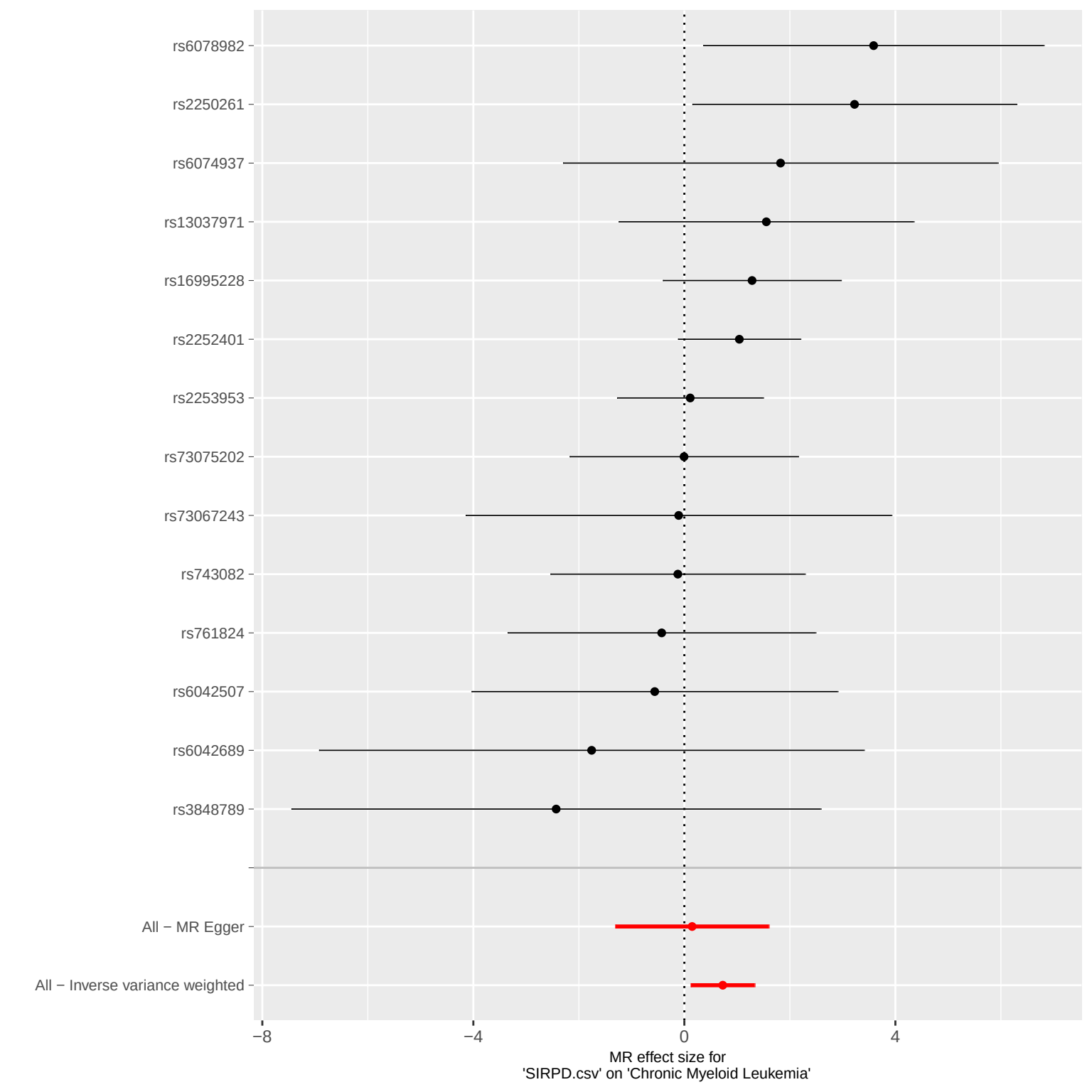
rs62192675
rs17791824
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SIRPB1.csv' on 'Chronic Myeloid Leukemia'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rs16995228
rs2252401
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rs761824
rs6042507
rs6042689
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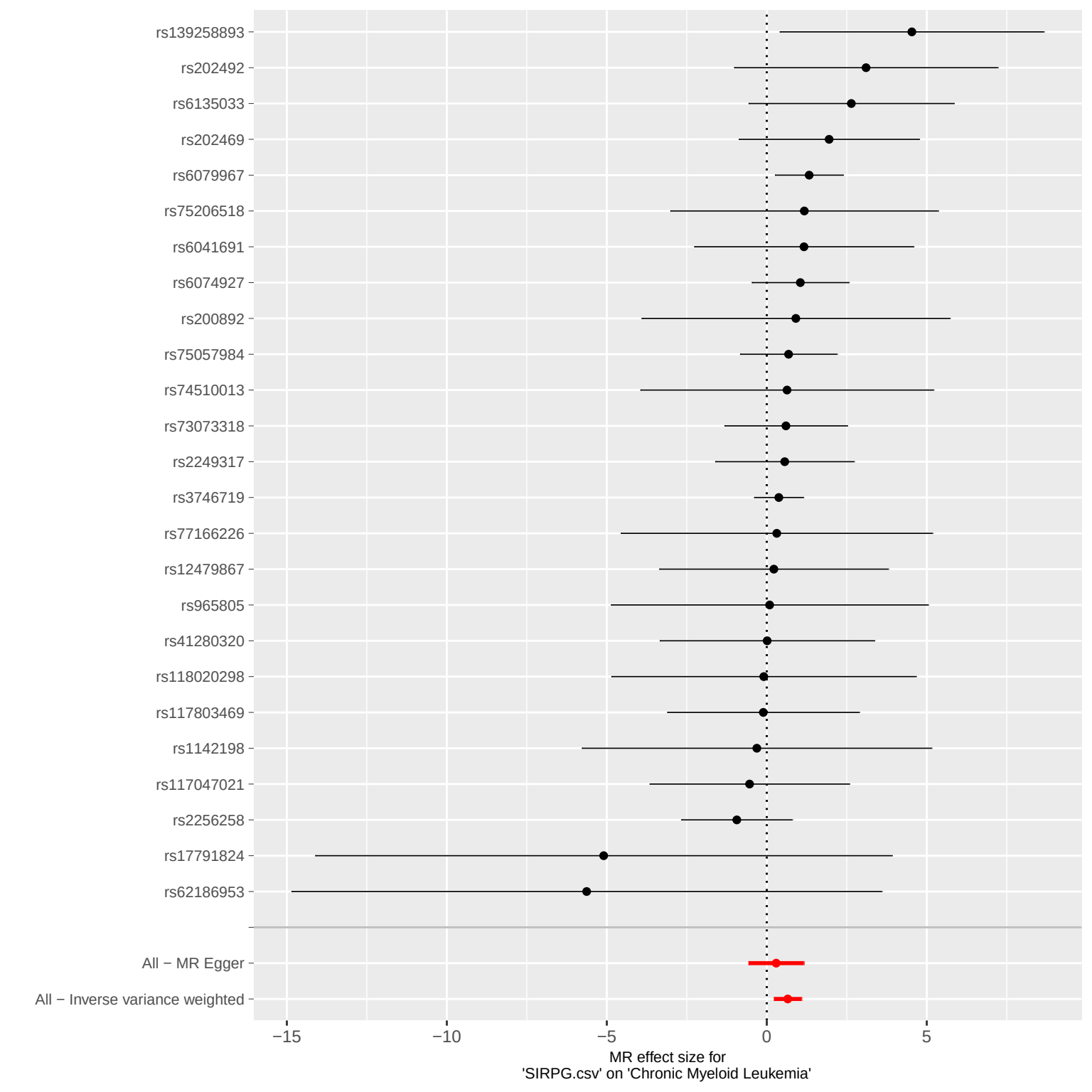
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SIRPD.csv' on 'Chronic Myeloid Leukemia'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rs2249317
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rs965805
rs41280320
rs118020298
rs117803469
rs1142198
rs117047021
rs2256258
rs17791824
rs62186953
All − MR Egger
All − Inverse variance weighted
−15
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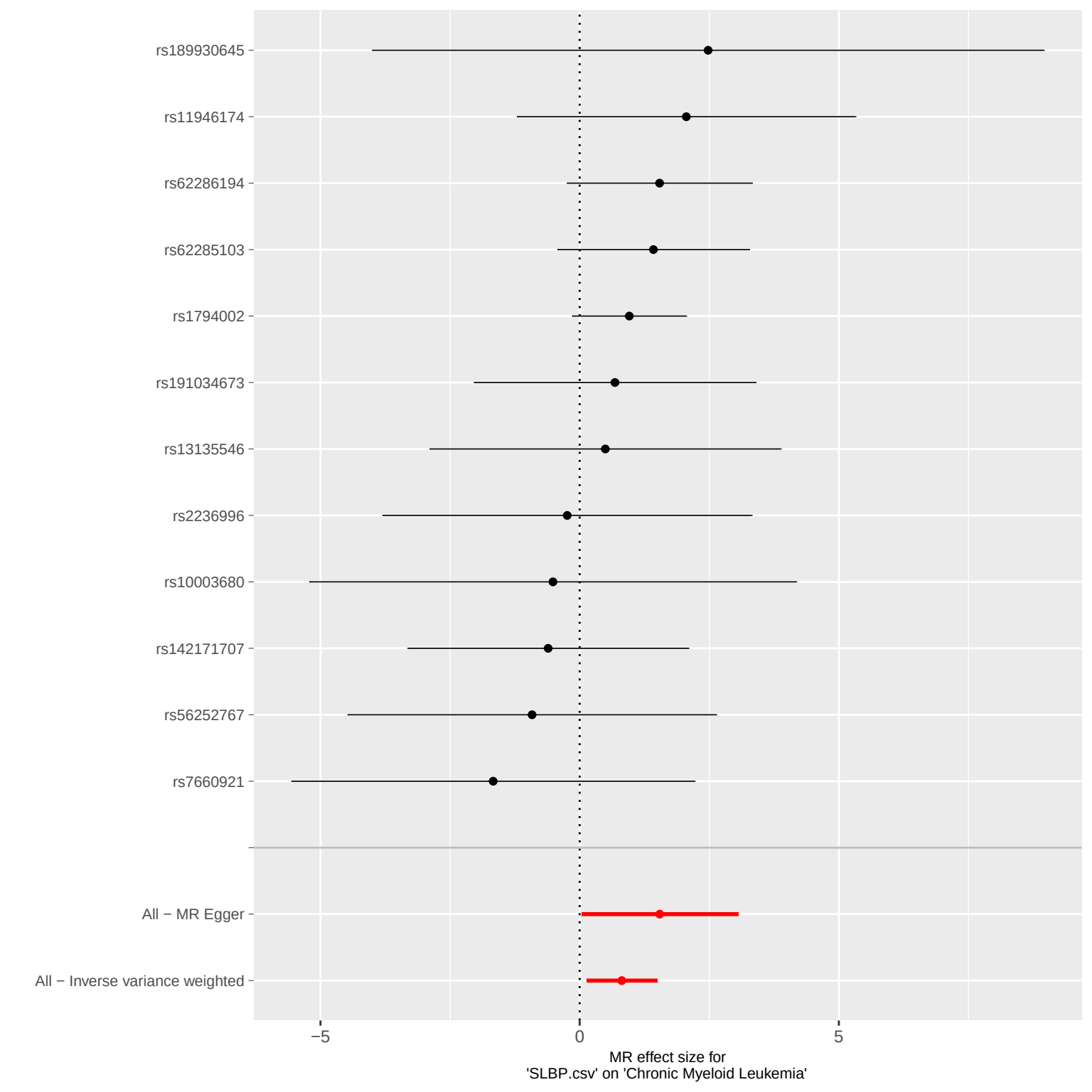
−5
0
5
MR effect size for
'SIRPG.csv' on 'Chronic Myeloid Leukemia'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rs2236996
rs10003680
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All − MR Egger
All − Inverse variance weighted
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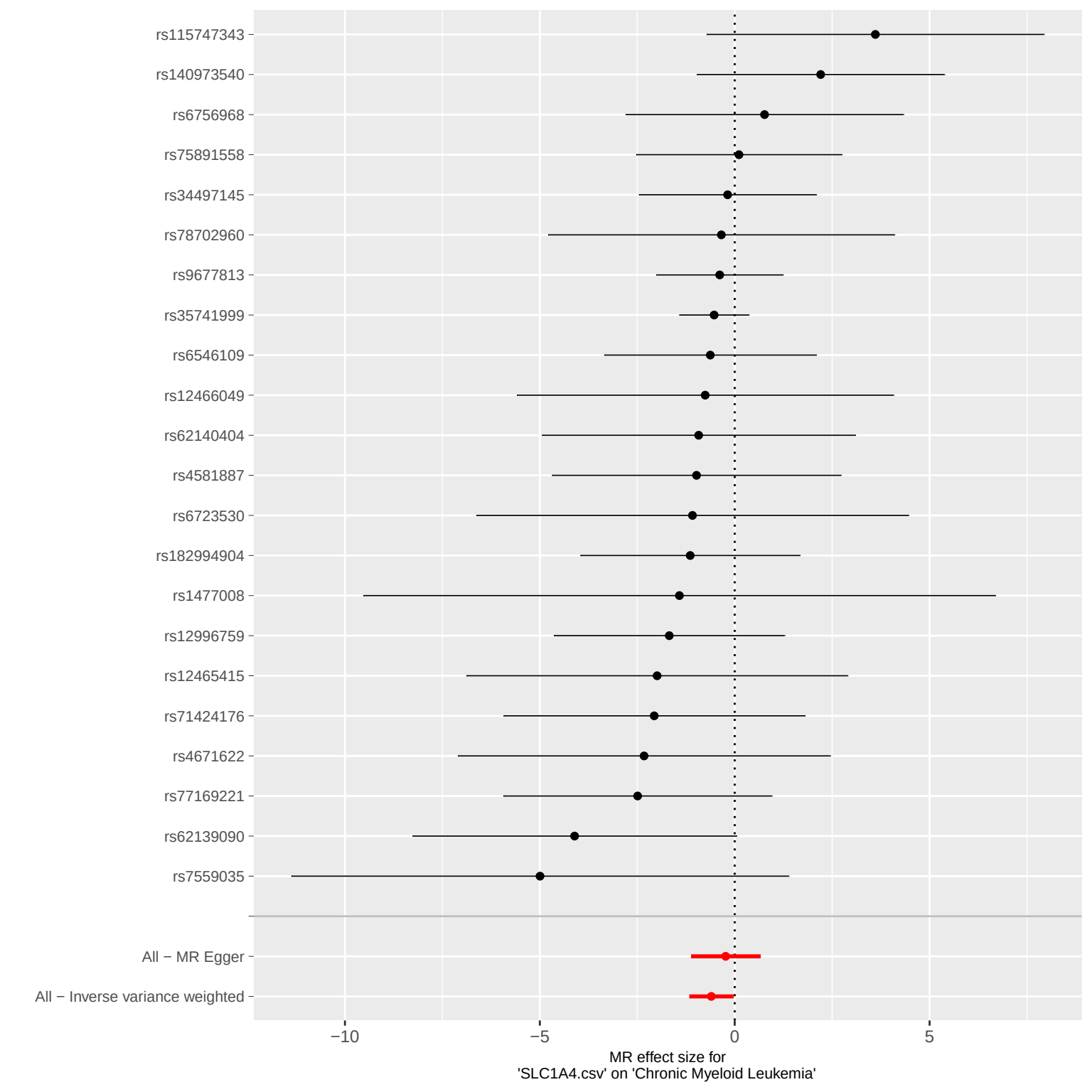
0
5
MR effect size for
'SLBP.csv' on 'Chronic Myeloid Leukemia'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rs6723530
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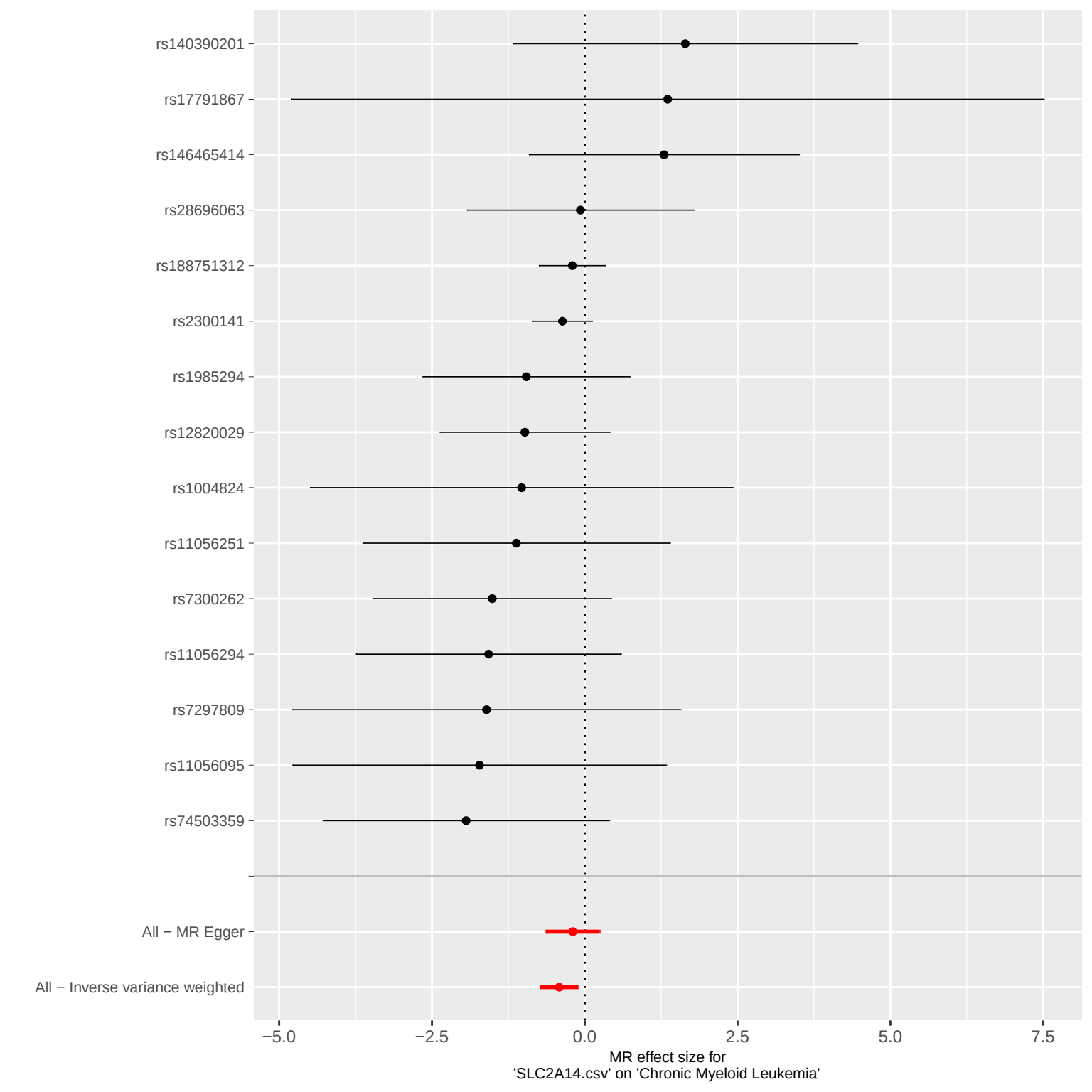
rs1477008
rs12996759
rs12465415
rs71424176
rs4671622
rs77169221
rs62139090
rs7559035
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SLC1A4.csv' on 'Chronic Myeloid Leukemia'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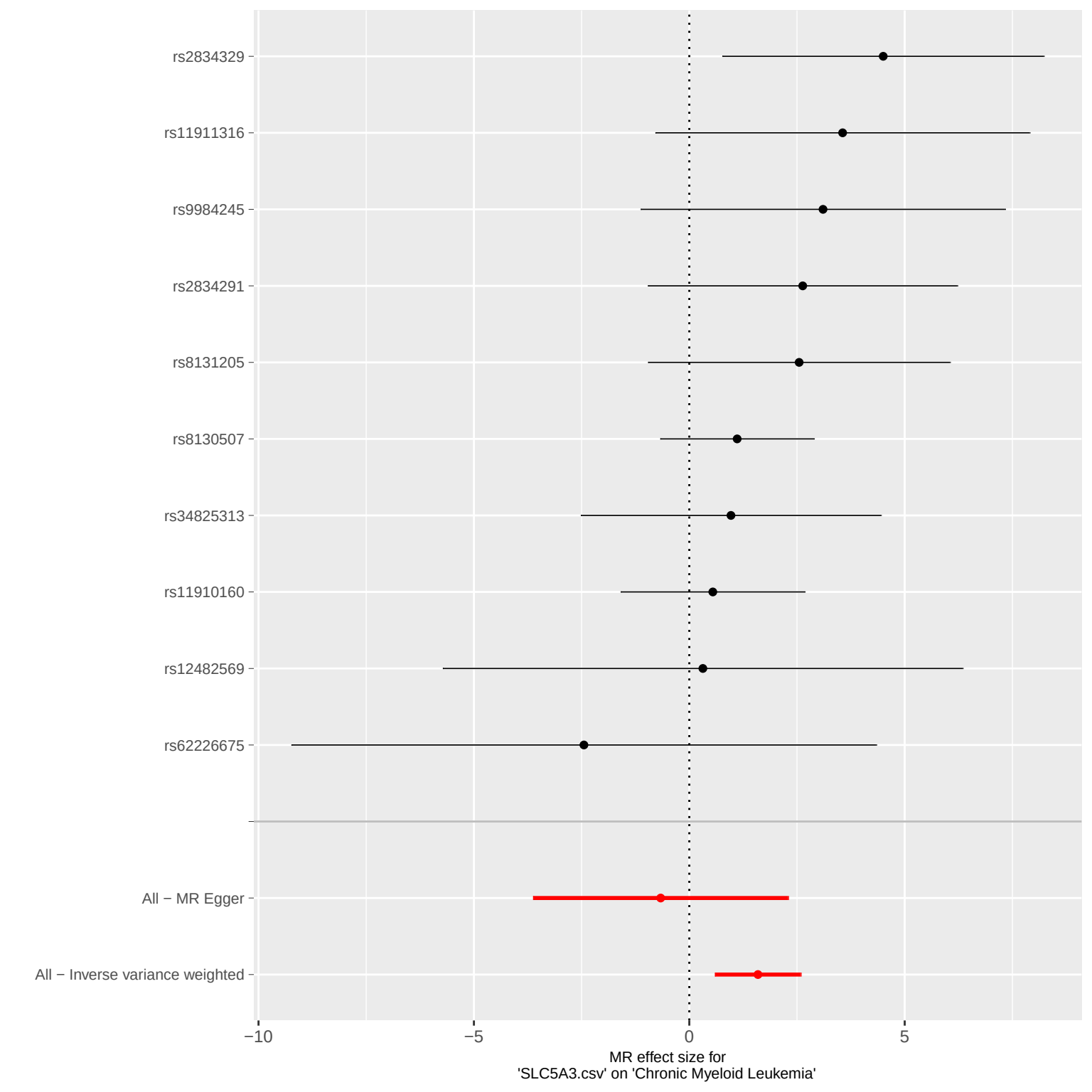
rs2300141
rs1985294
rs12820029
rs1004824
rs11056251
rs7300262
rs11056294
rs7297809
rs11056095
rs74503359
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'SLC2A14.csv' on 'Chronic Myeloid Leukemia'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rs11911316
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rs8130507
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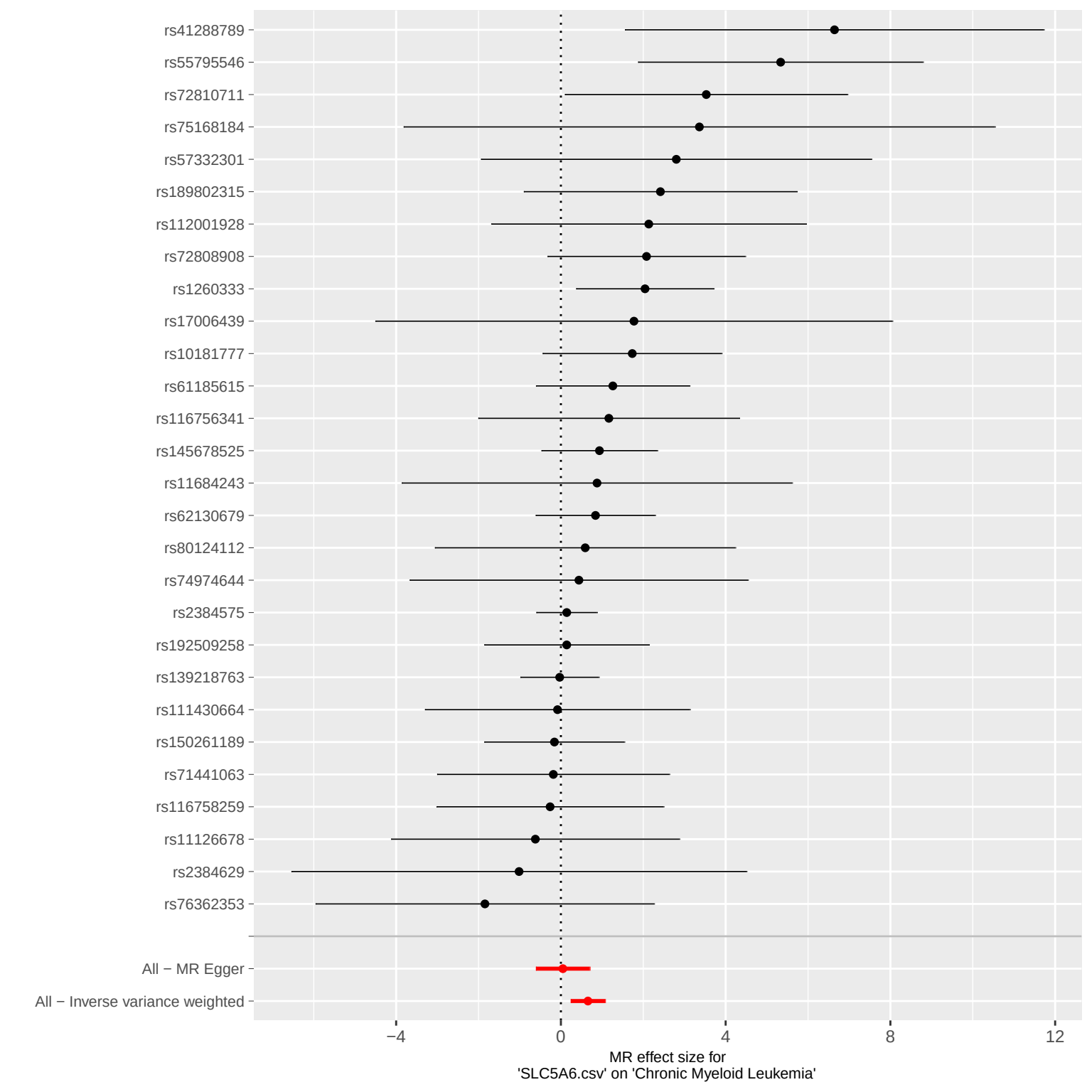
rs62226675
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SLC5A3.csv' on 'Chronic Myeloid Leukemia'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rs139218763
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rs150261189
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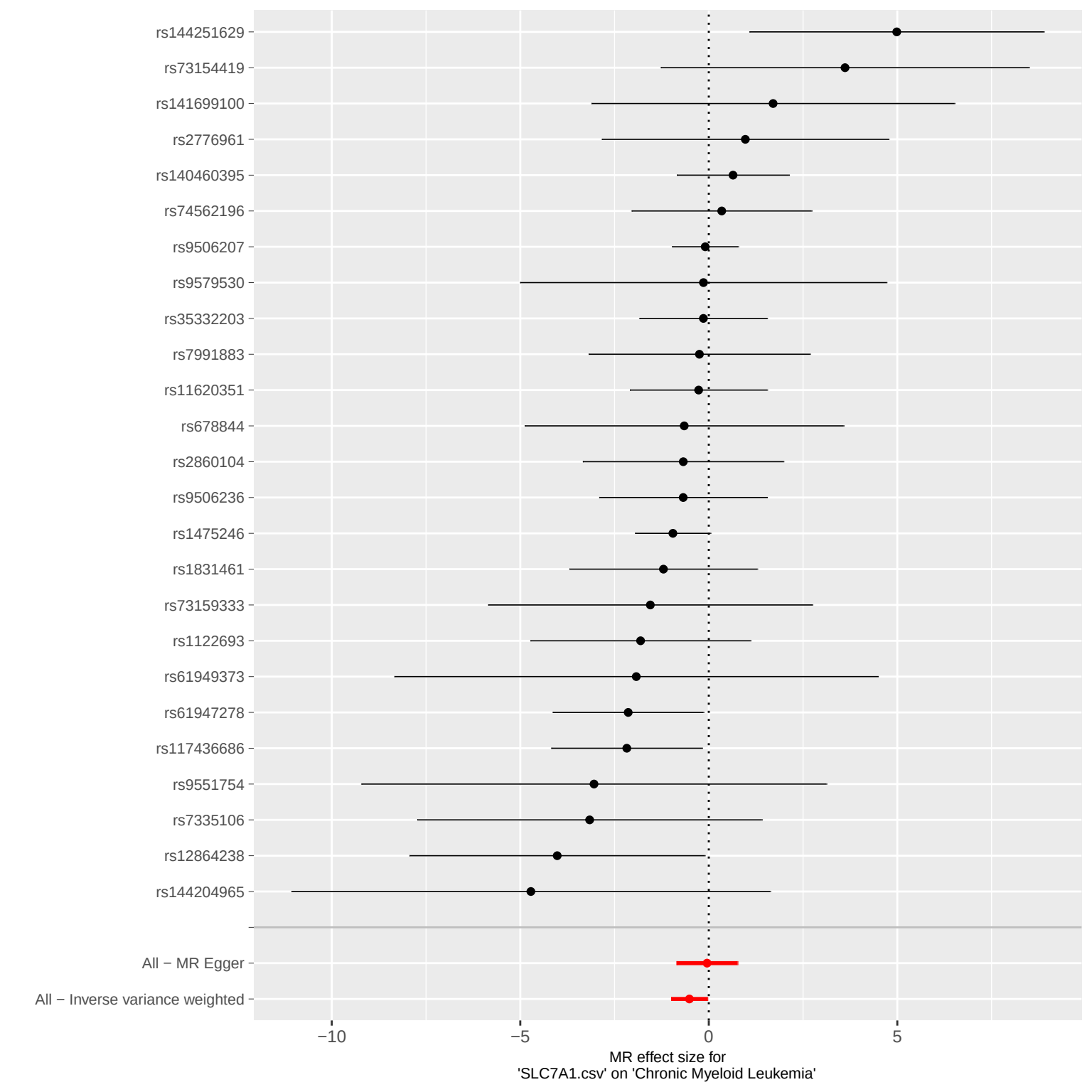
rs116758259
rs11126678
rs2384629
rs76362353
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
12
MR effect size for
'SLC5A6.csv' on 'Chronic Myeloid Leukemia'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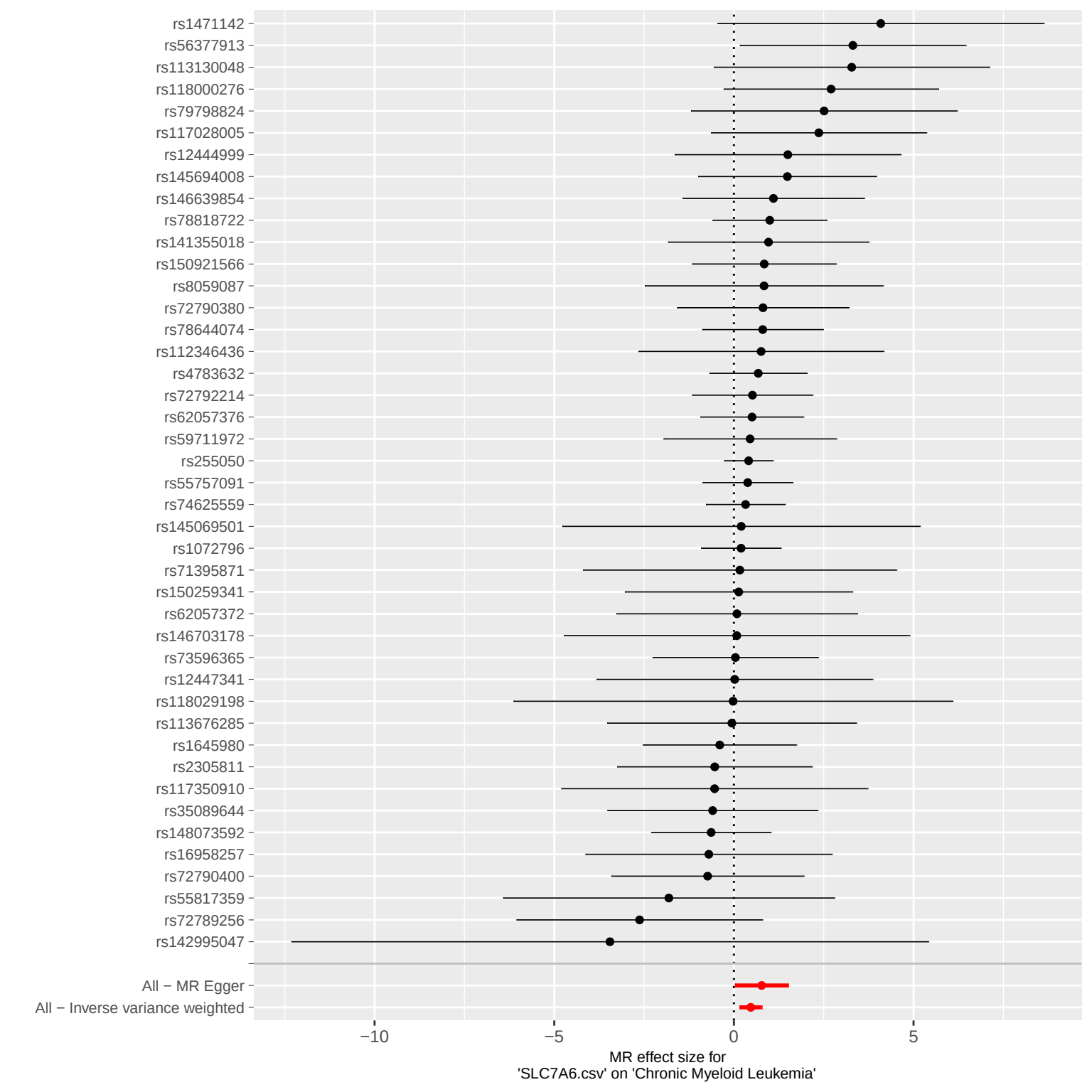
rs1831461
rs73159333
rs1122693
rs61949373
rs61947278
rs117436686
rs9551754
rs7335106
rs12864238
rs144204965
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SLC7A1.csv' on 'Chronic Myeloid Leukemia'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rs72789256
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All − MR Egger
All − Inverse variance weighted
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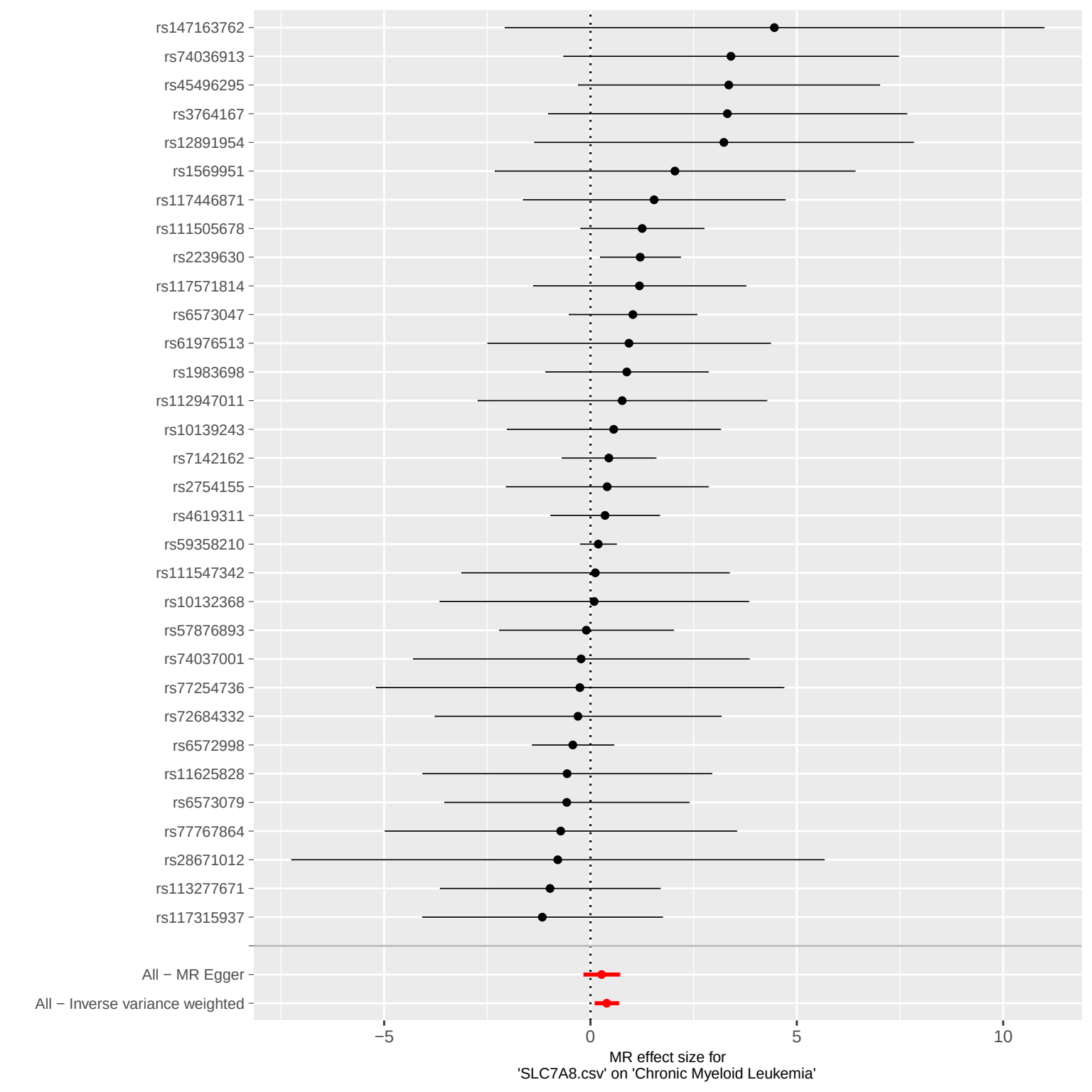
MR effect size for
'SLC7A6.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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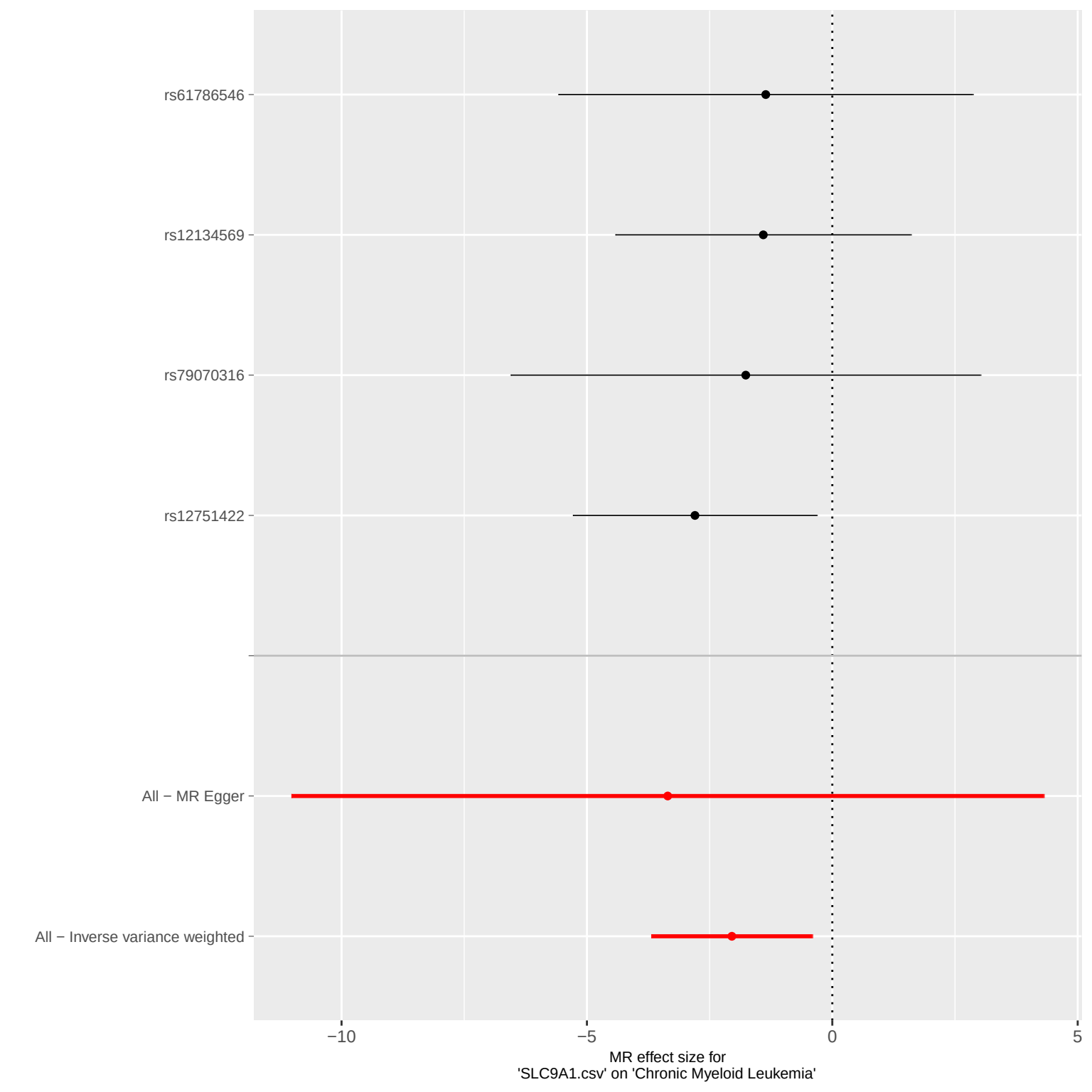
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MR effect size for
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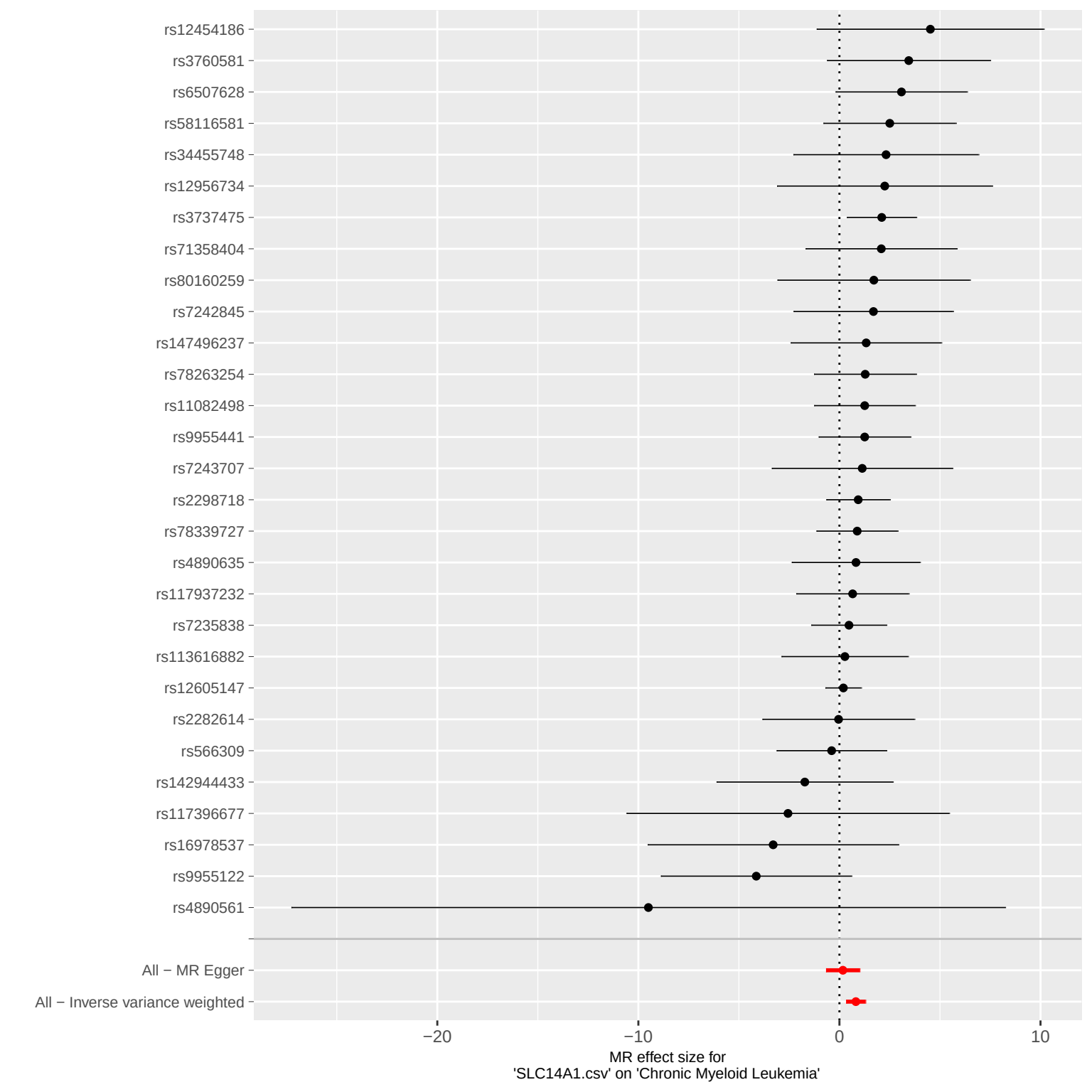
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All − Inverse variance weighted
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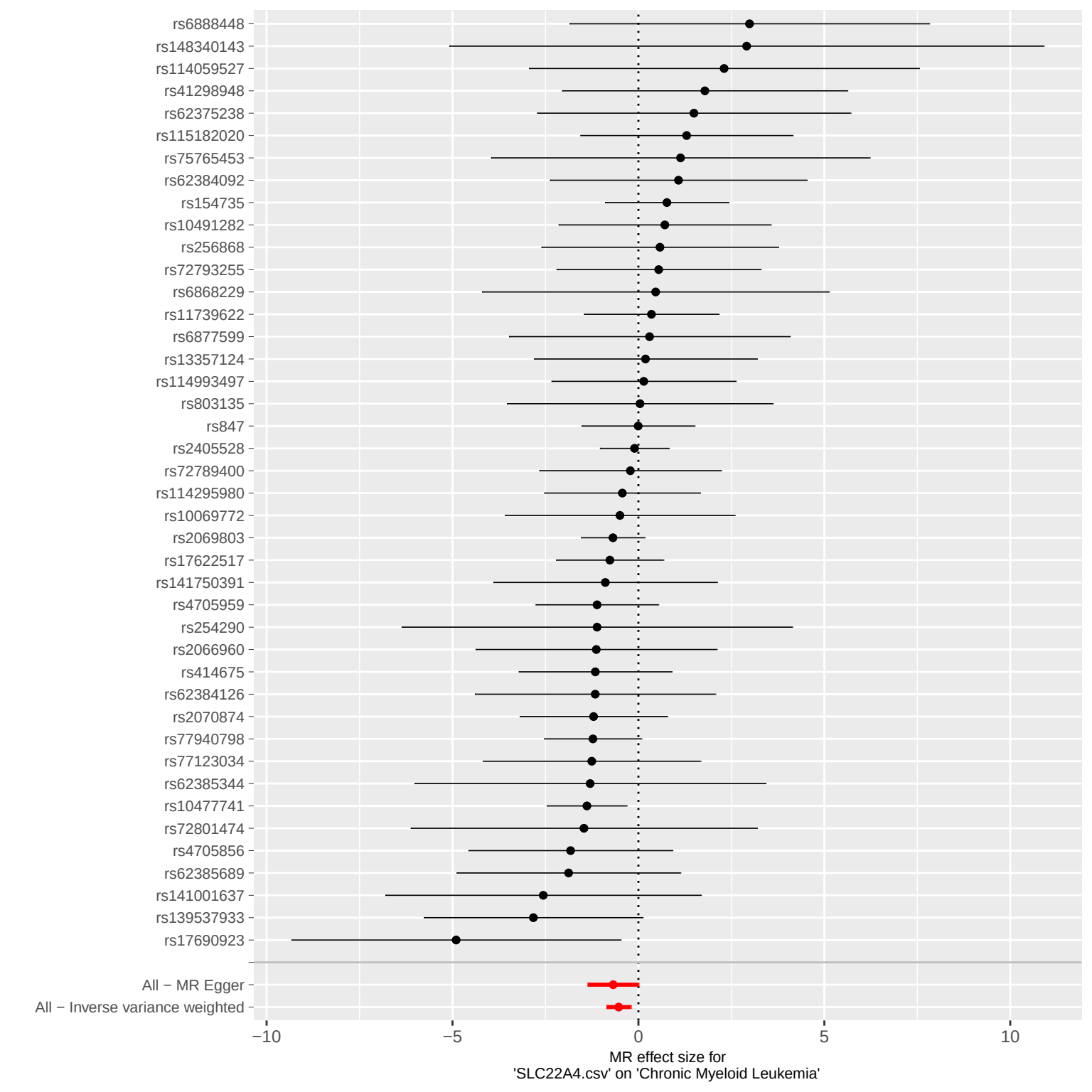
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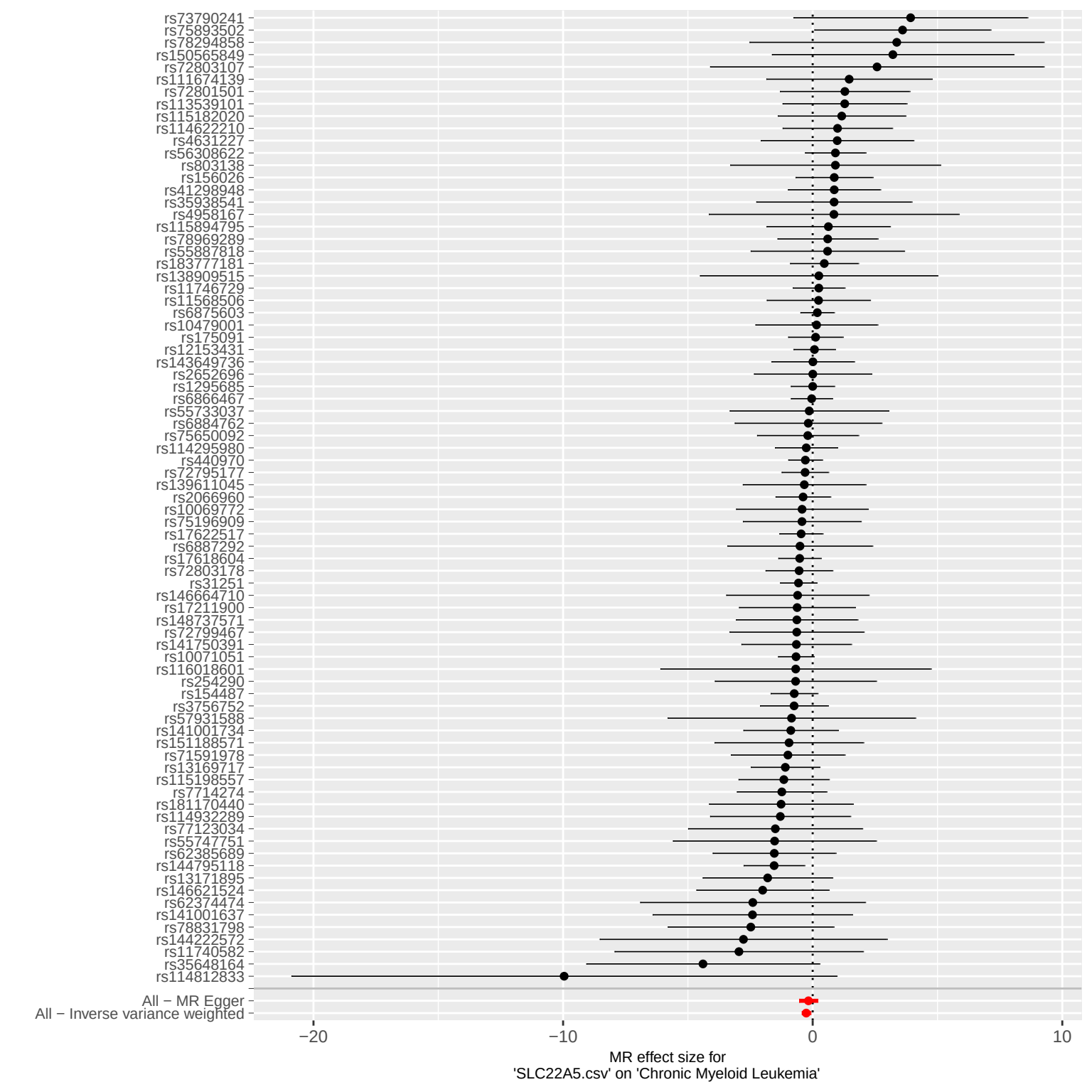
MR effect size for
'SLC22A4.csv' on 'Chronic Myeloid Leukemia'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rs114812833
All − MR Egger
All − Inverse variance weighted
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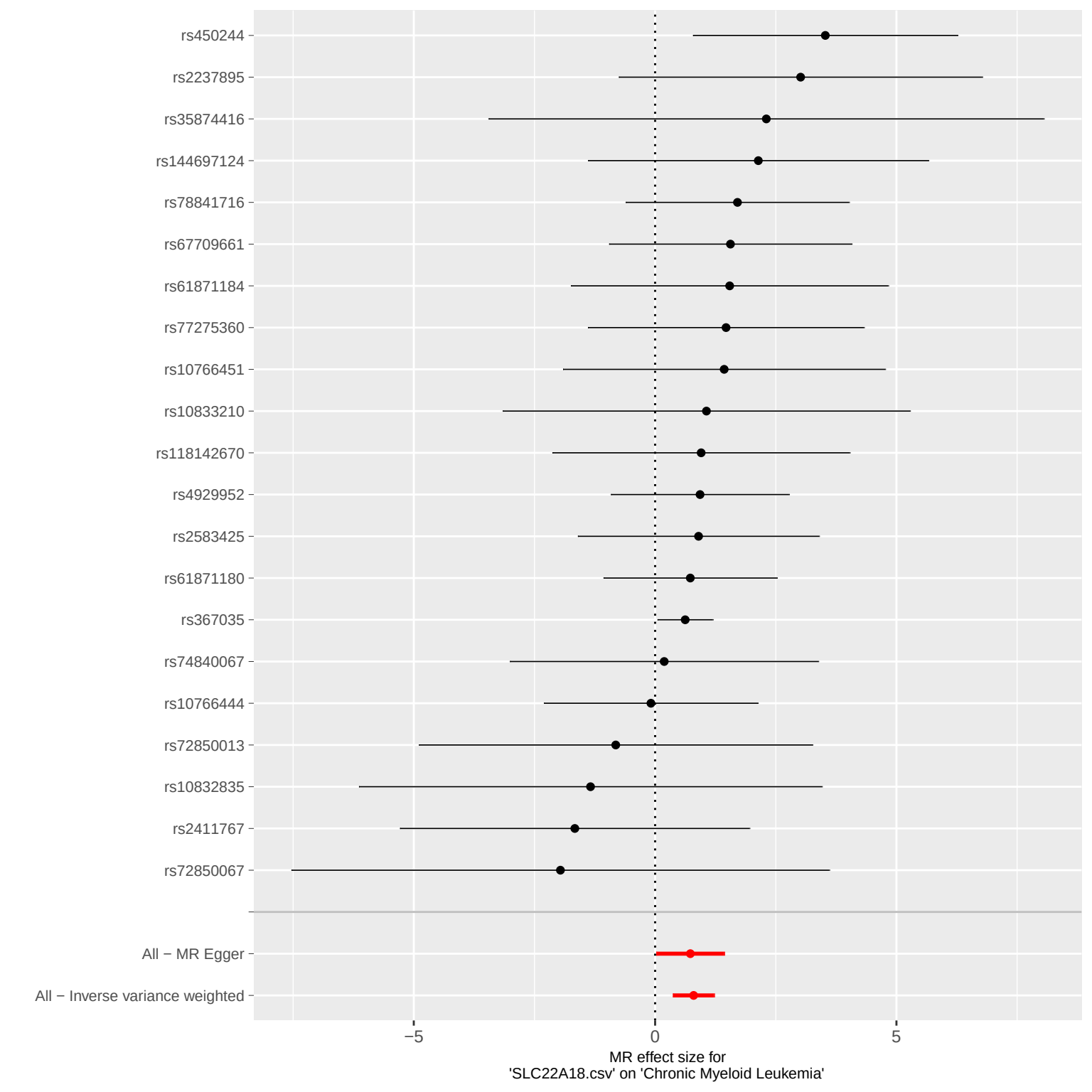
MR effect size for
'SLC22A5.csv' on 'Chronic Myeloid Leukemia'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rs74840067
rs10766444
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rs2411767
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All − Inverse variance weighted
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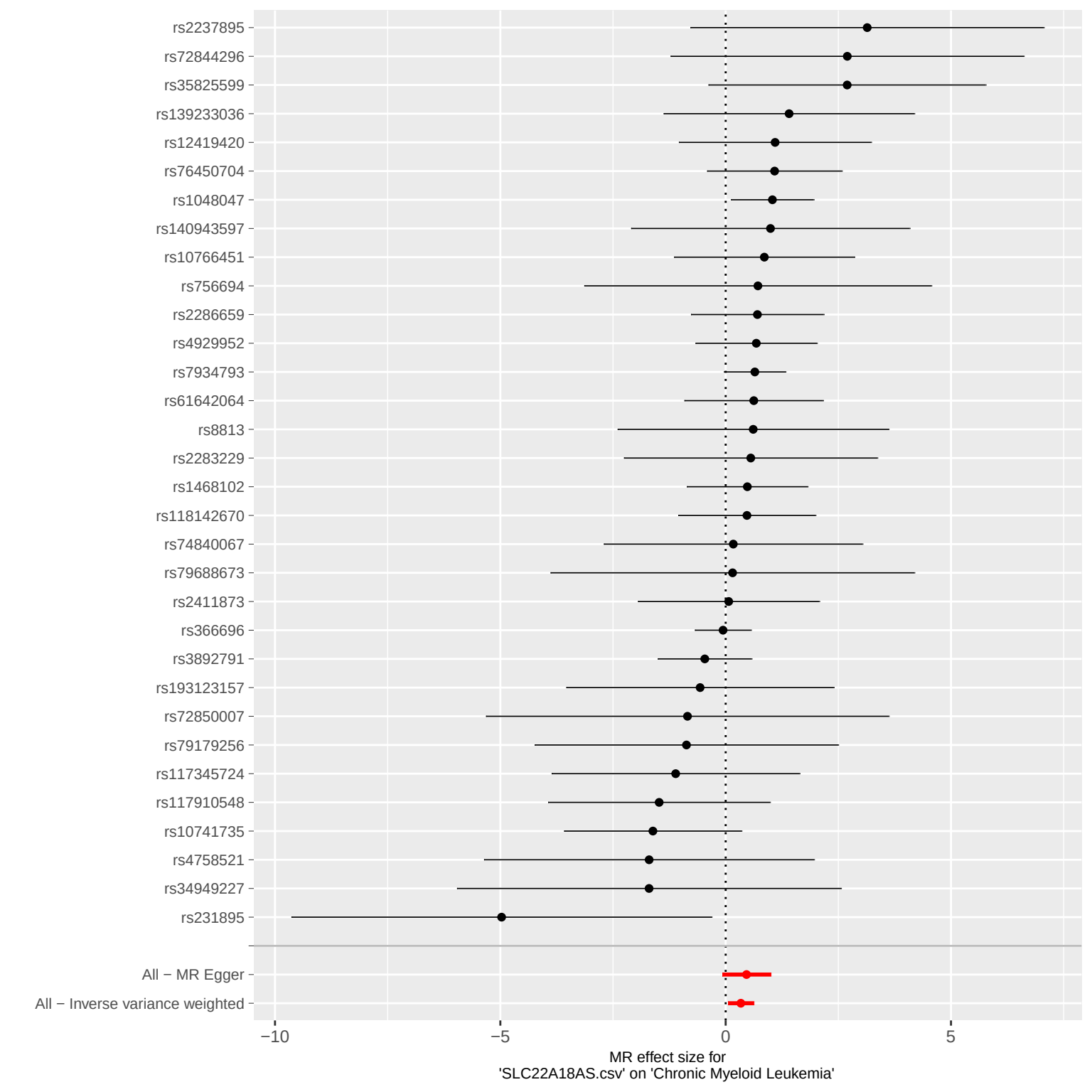
MR effect size for
'SLC22A18.csv' on 'Chronic Myeloid Leukemia'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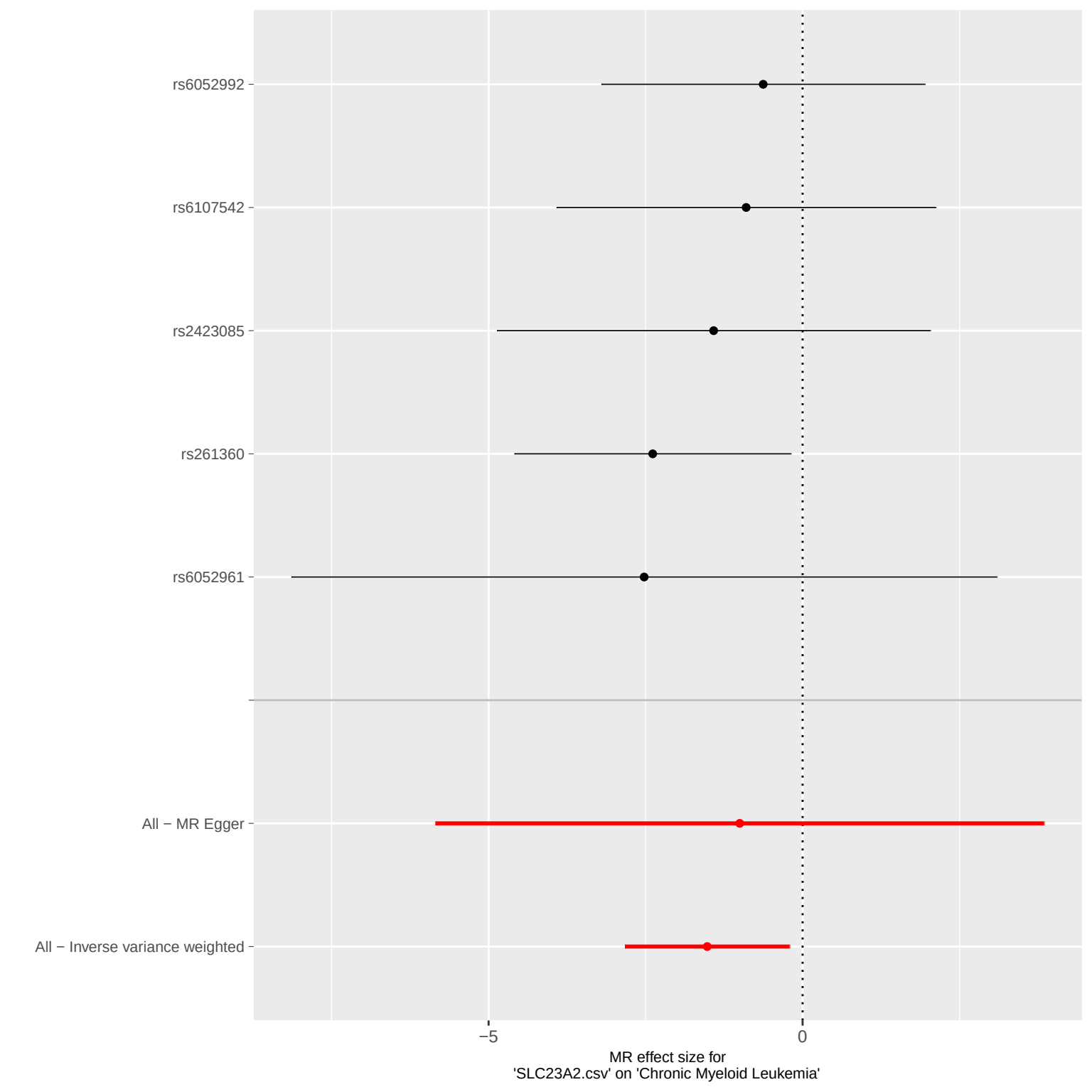
'SLC22A18AS.csv' on 'Chronic Myeloid Leukemia'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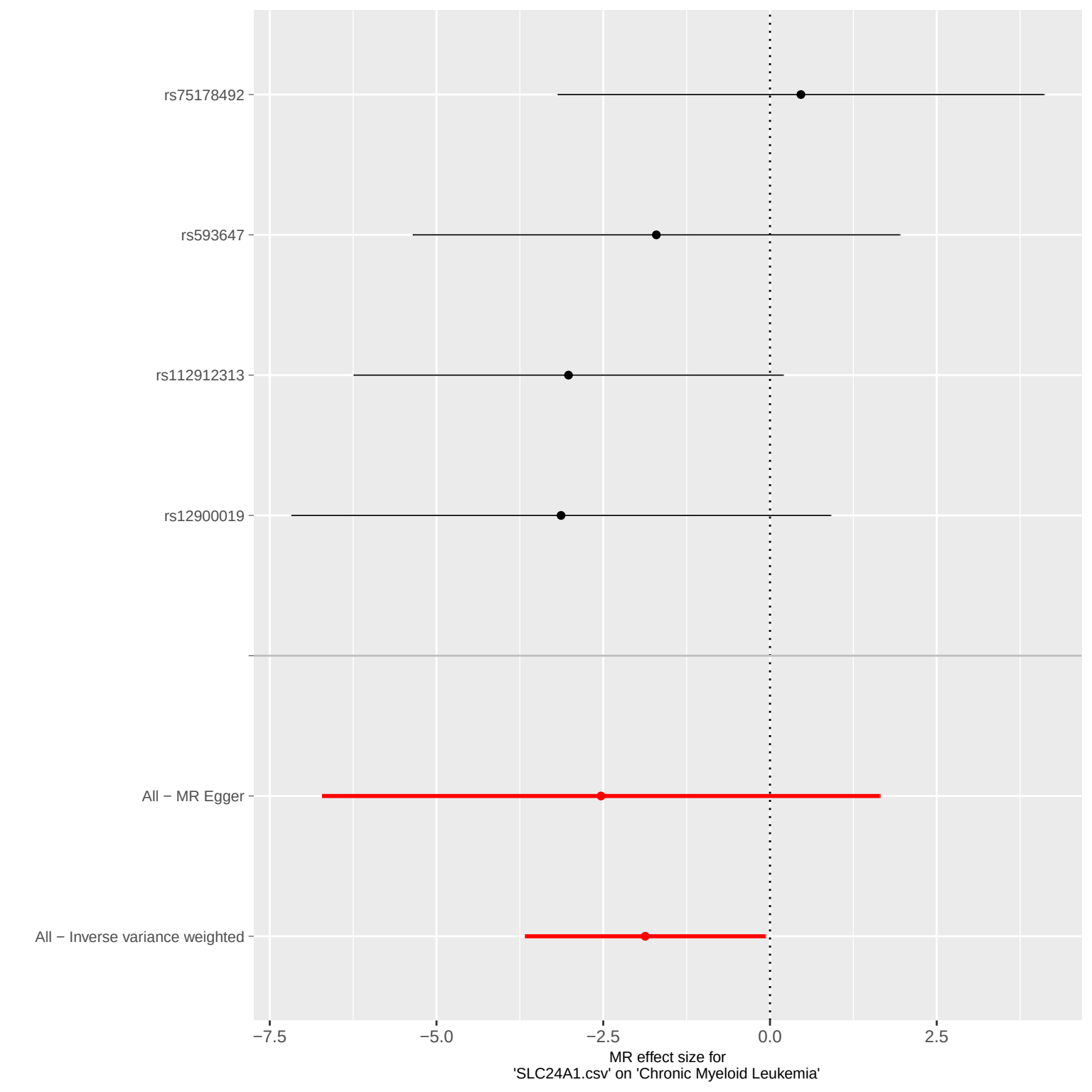
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MR effect size for
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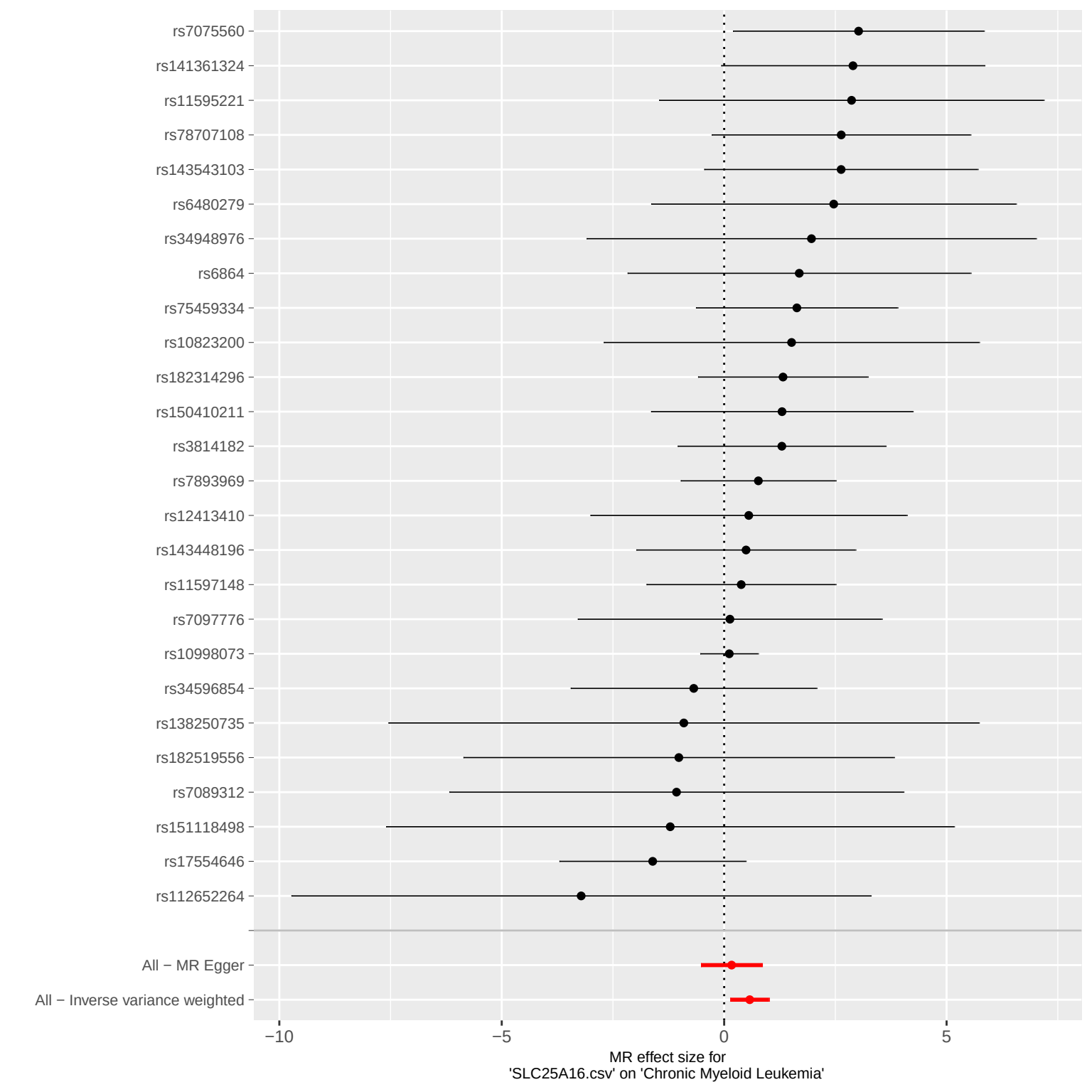
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rs7089312
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rs112652264
All − MR Egger
All − Inverse variance weighted
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−5
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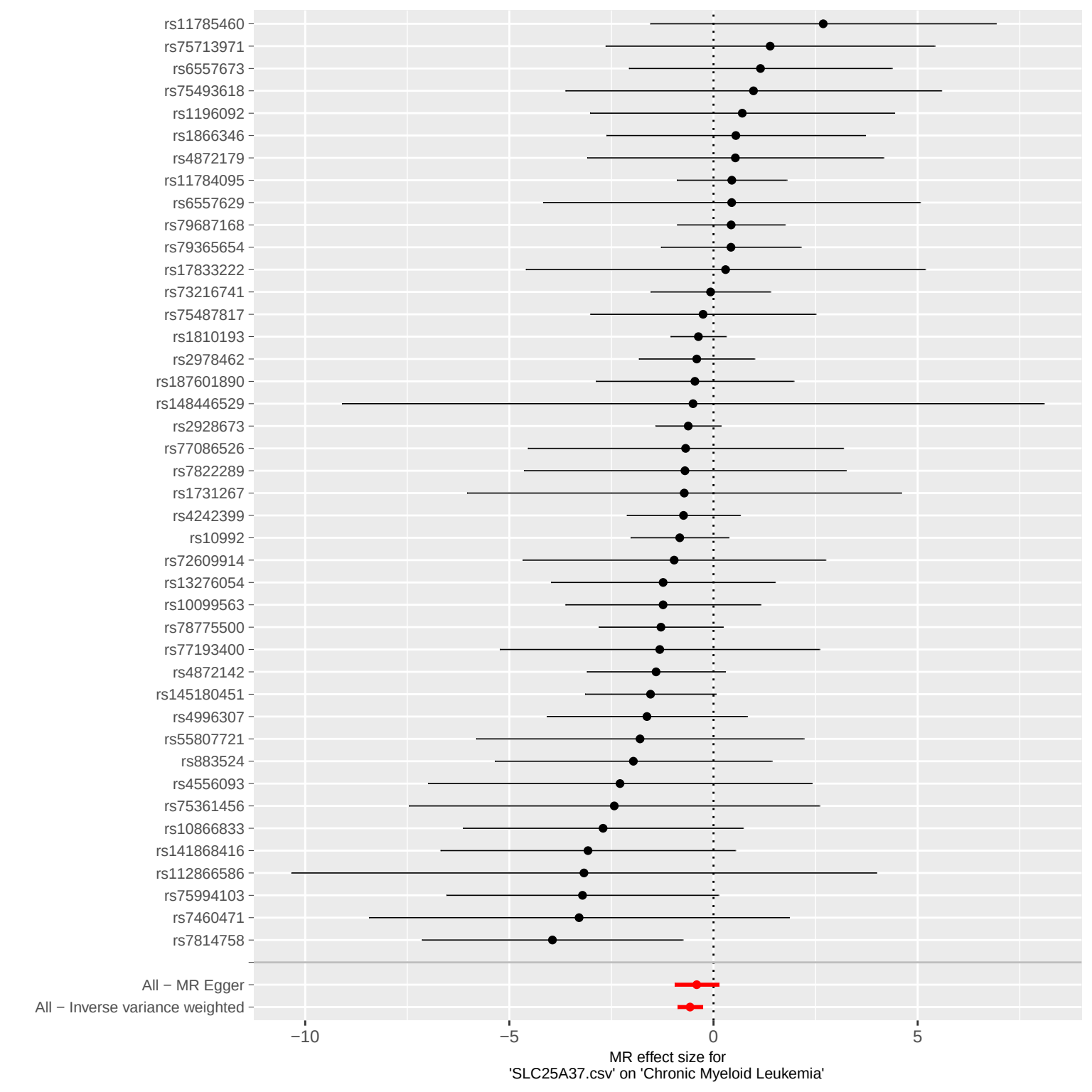
MR effect size for
'SLC25A16.csv' on 'Chronic Myeloid Leukemia'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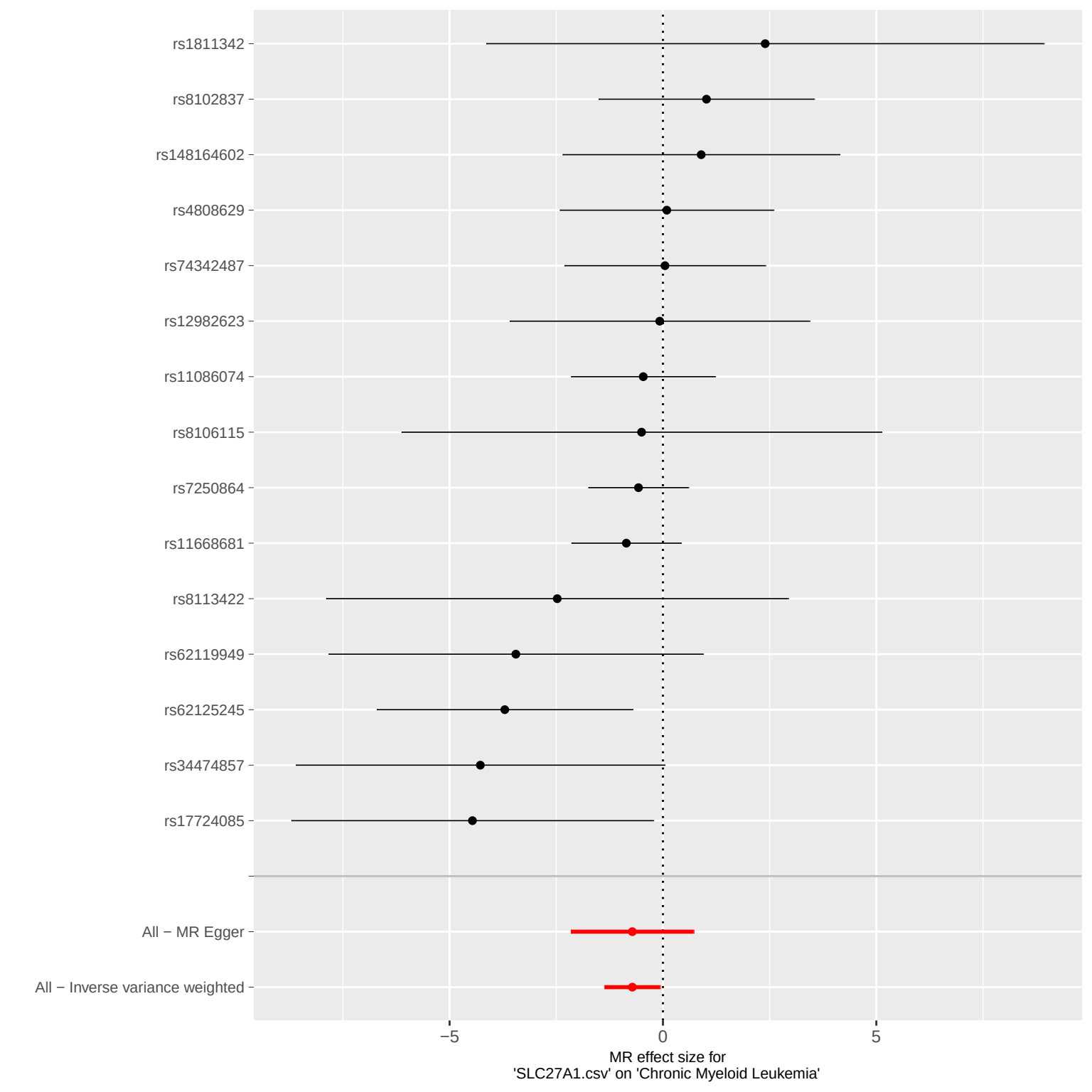
'SLC25A37.csv' on 'Chronic Myeloid Leukemia'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rs62125245
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All − MR Egger
All − Inverse variance weighted
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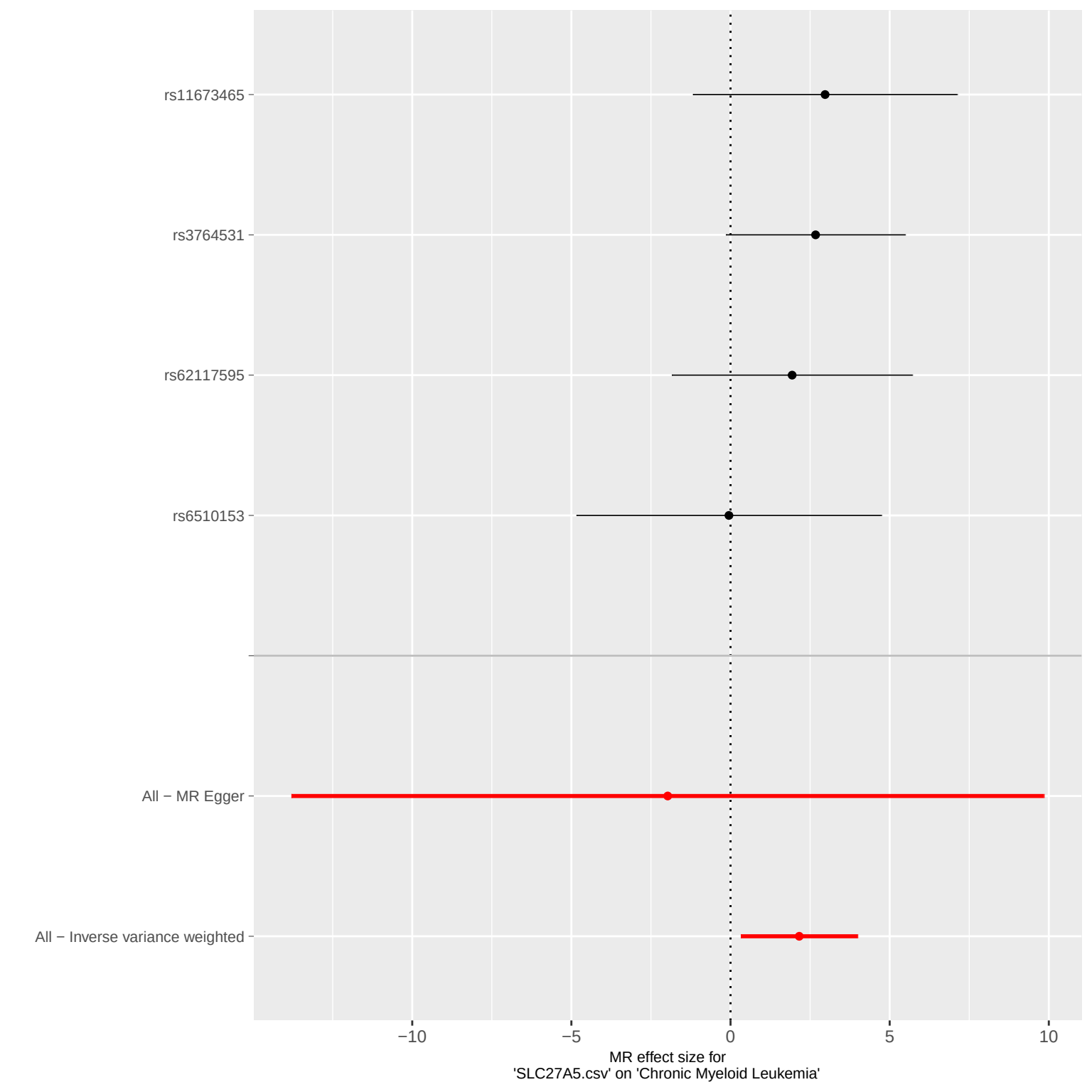
MR effect size for
'SLC27A1.csv' on 'Chronic Myeloid Leukemia'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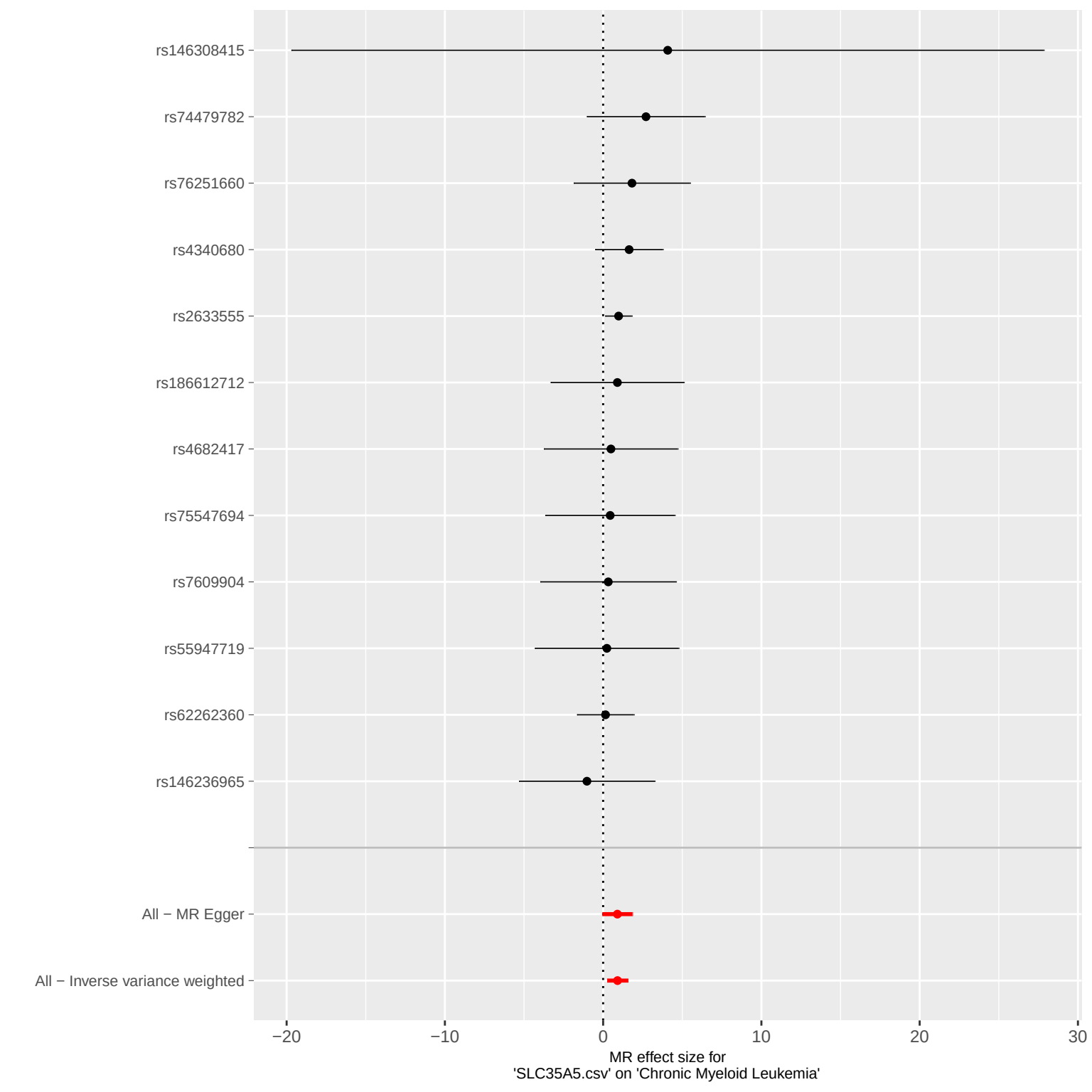
MR effect size for
'SLC27A5.csv' on 'Chronic Myeloid Leukemia'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rs62262360
rs146236965
All − MR Egger
All − Inverse variance weighted
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−10
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20
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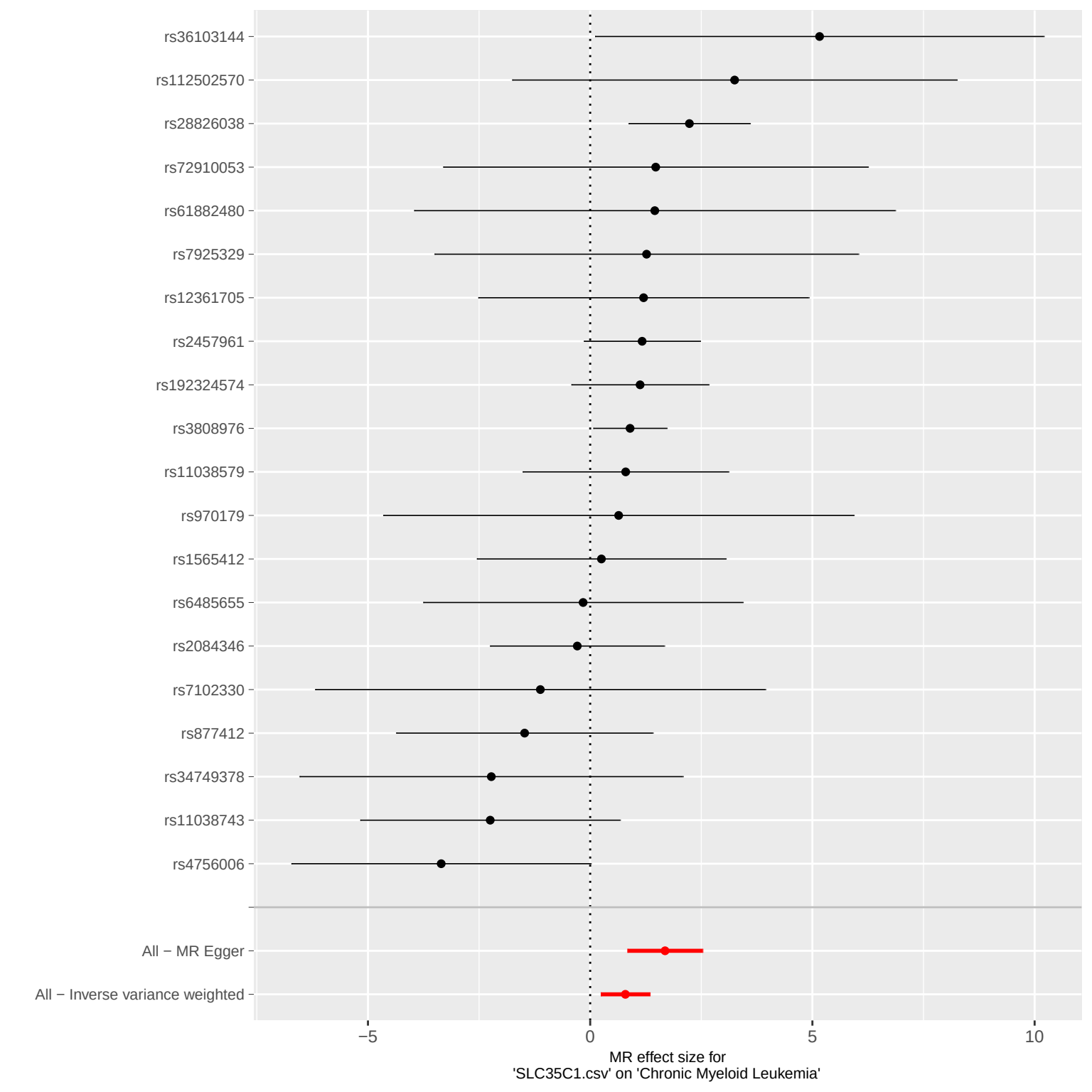
MR effect size for
'SLC35A5.csv' on 'Chronic Myeloid Leukemia'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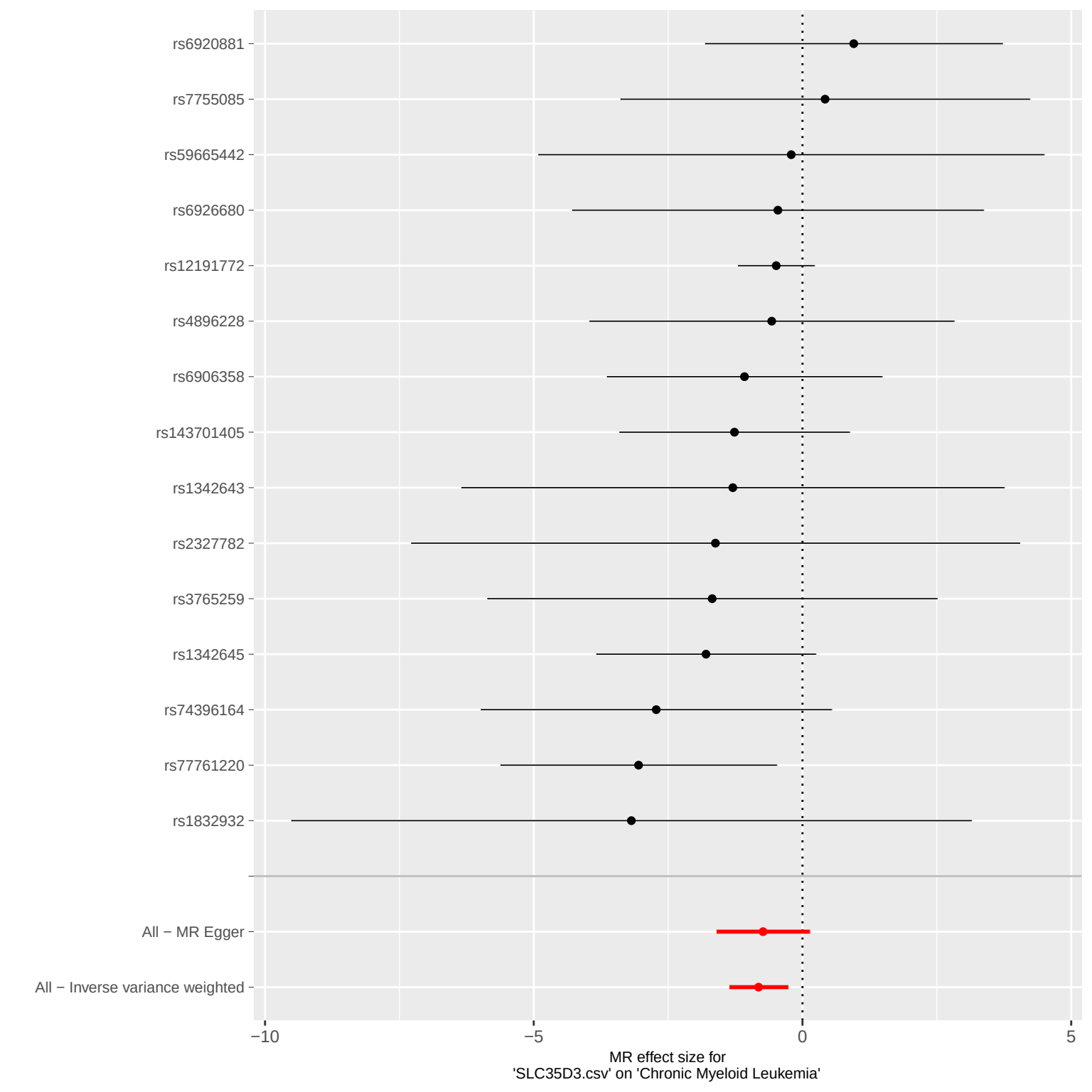
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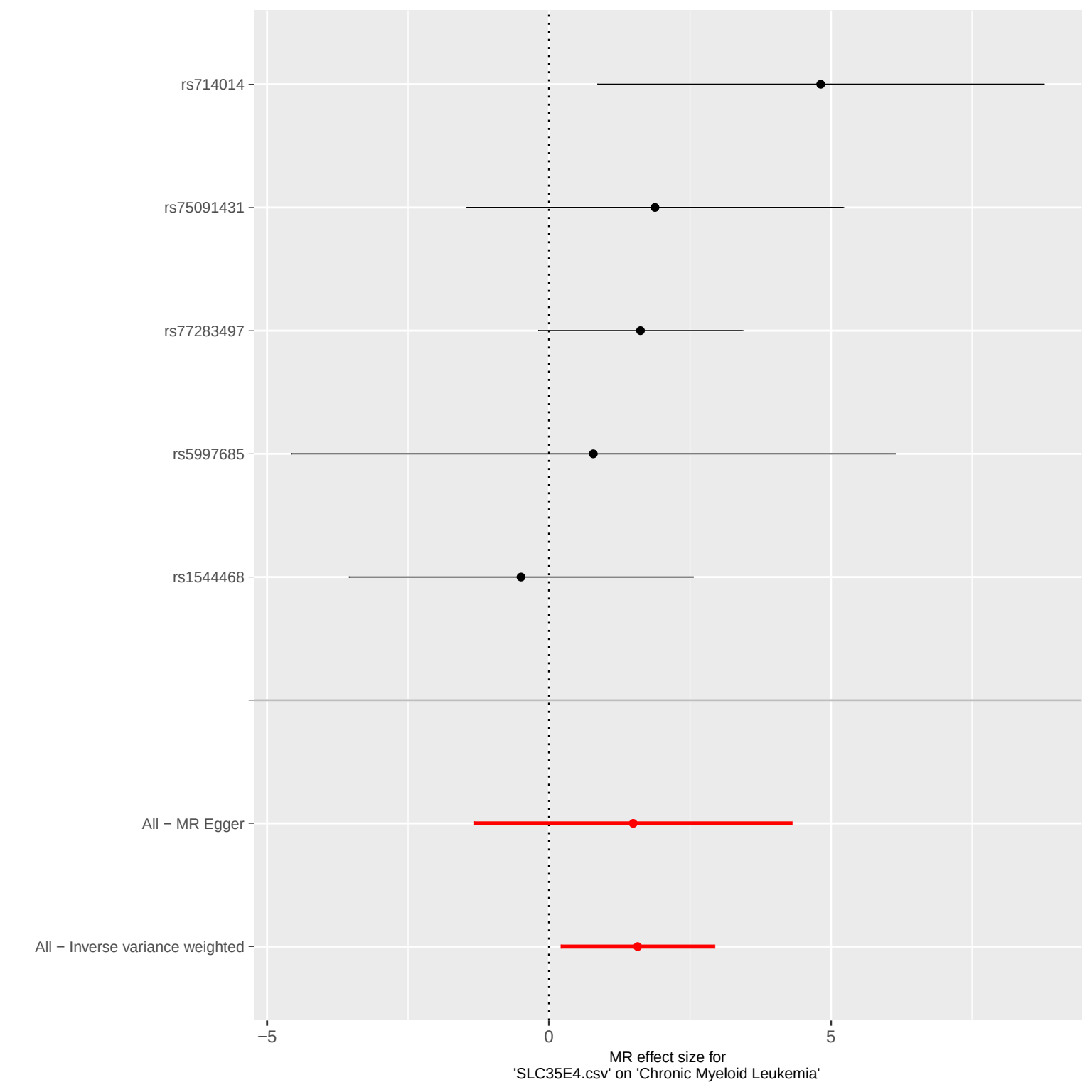
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All − Inverse variance weighted
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MR effect size for
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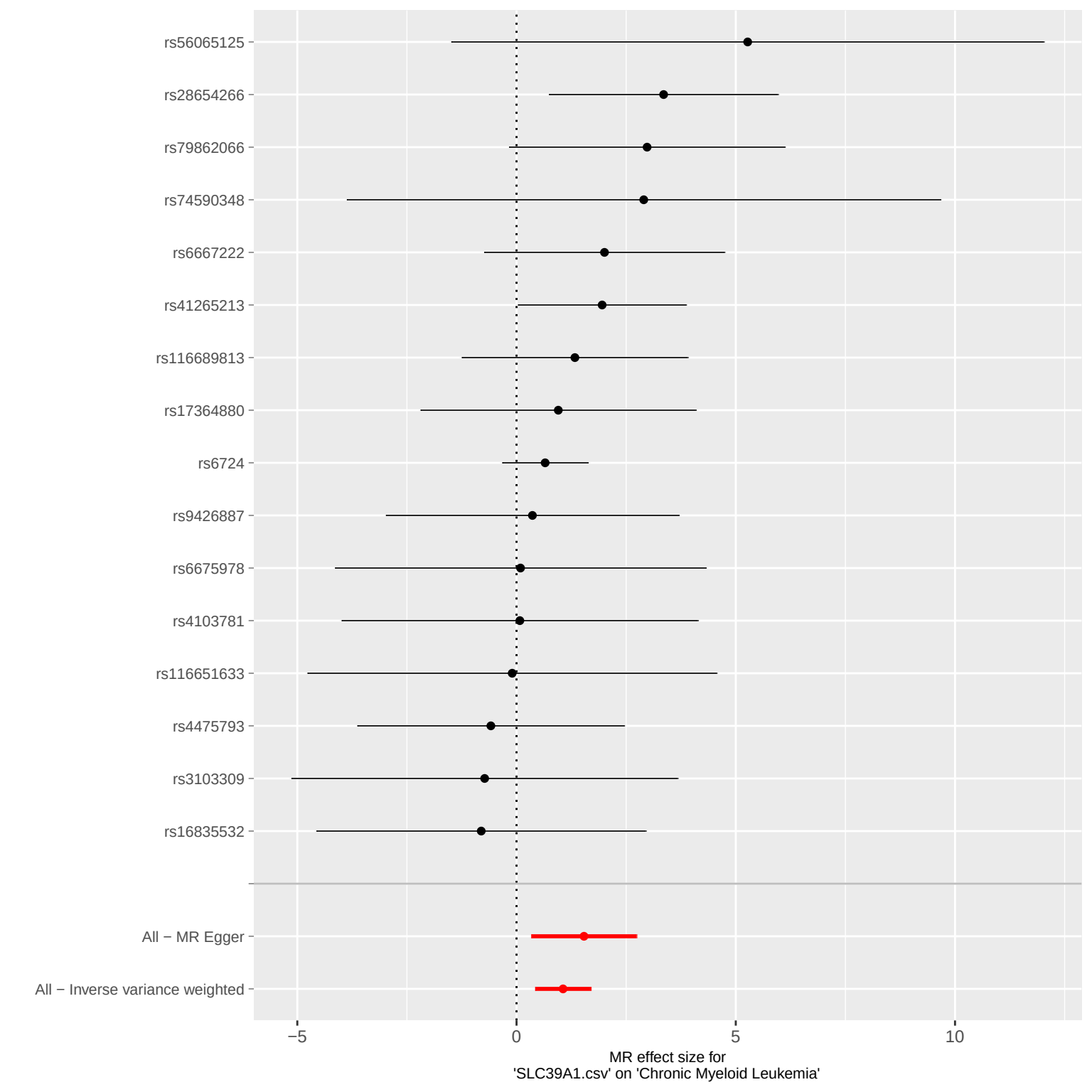
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MR effect size for
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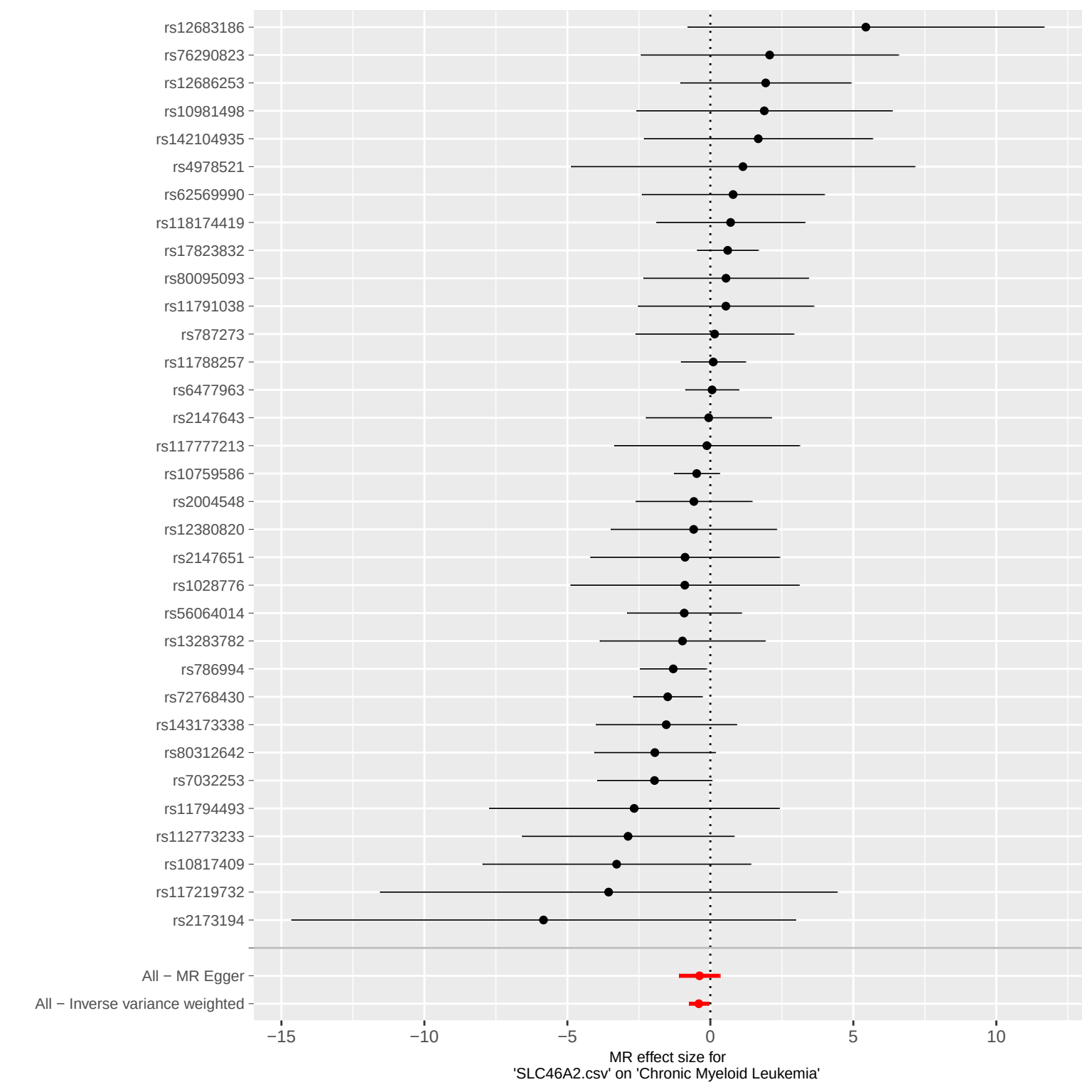
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All − MR Egger
All − Inverse variance weighted
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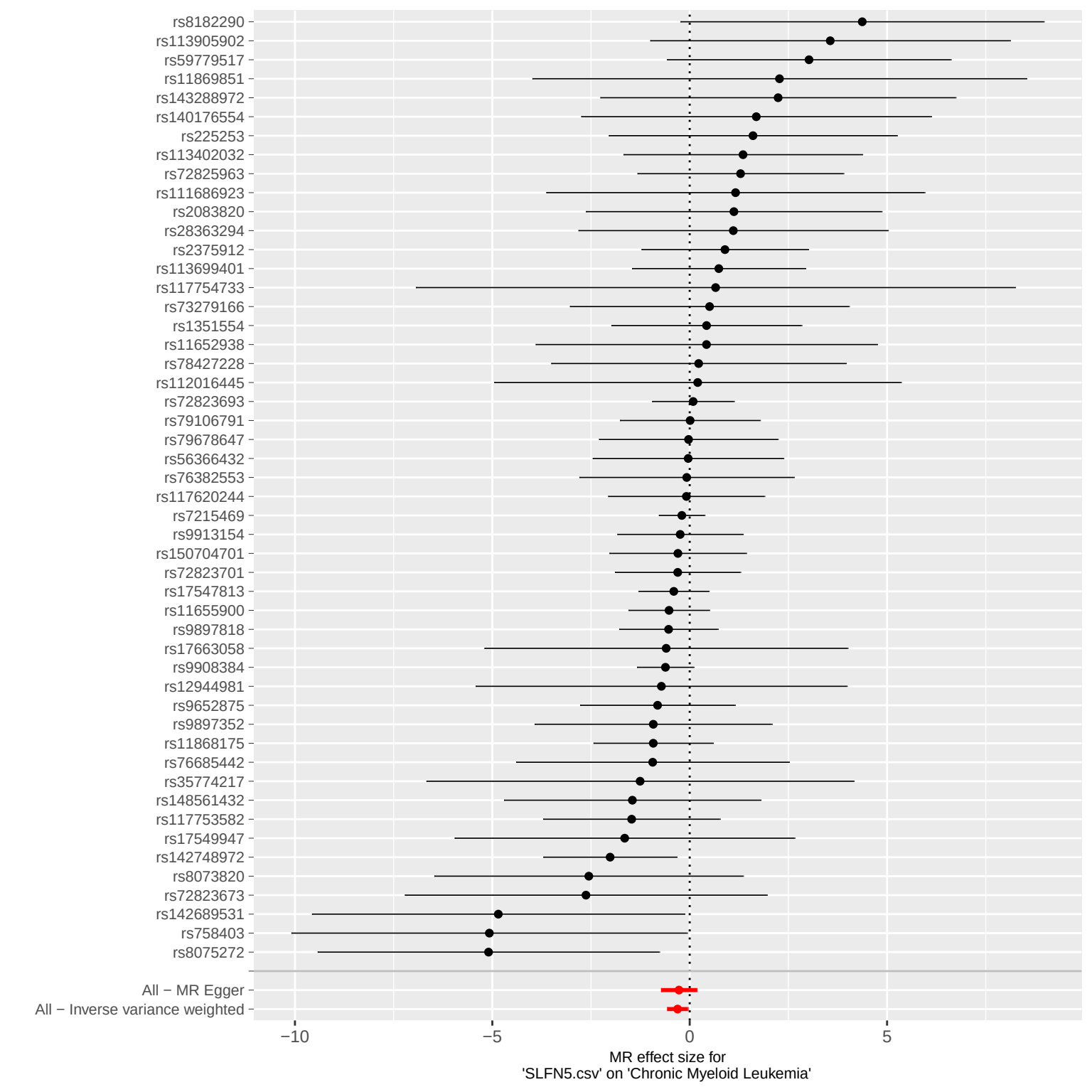
MR effect size for
'SLC46A2.csv' on 'Chronic Myeloid Leukemia'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rs142748972
rs8073820
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All − MR Egger
All − Inverse variance weighted
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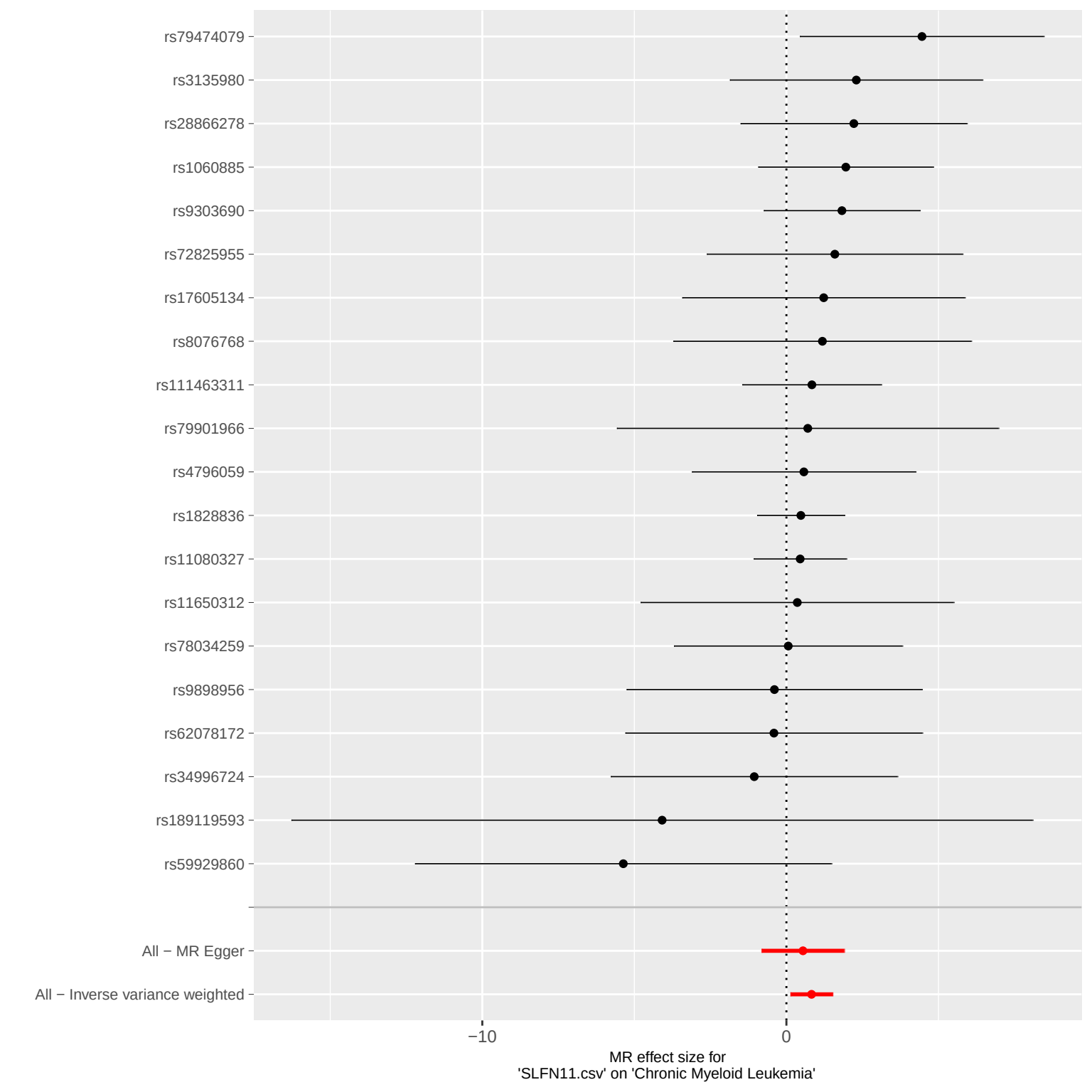
MR effect size for
'SLFN5.csv' on 'Chronic Myeloid Leukemia'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rs34996724
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All − Inverse variance weighted
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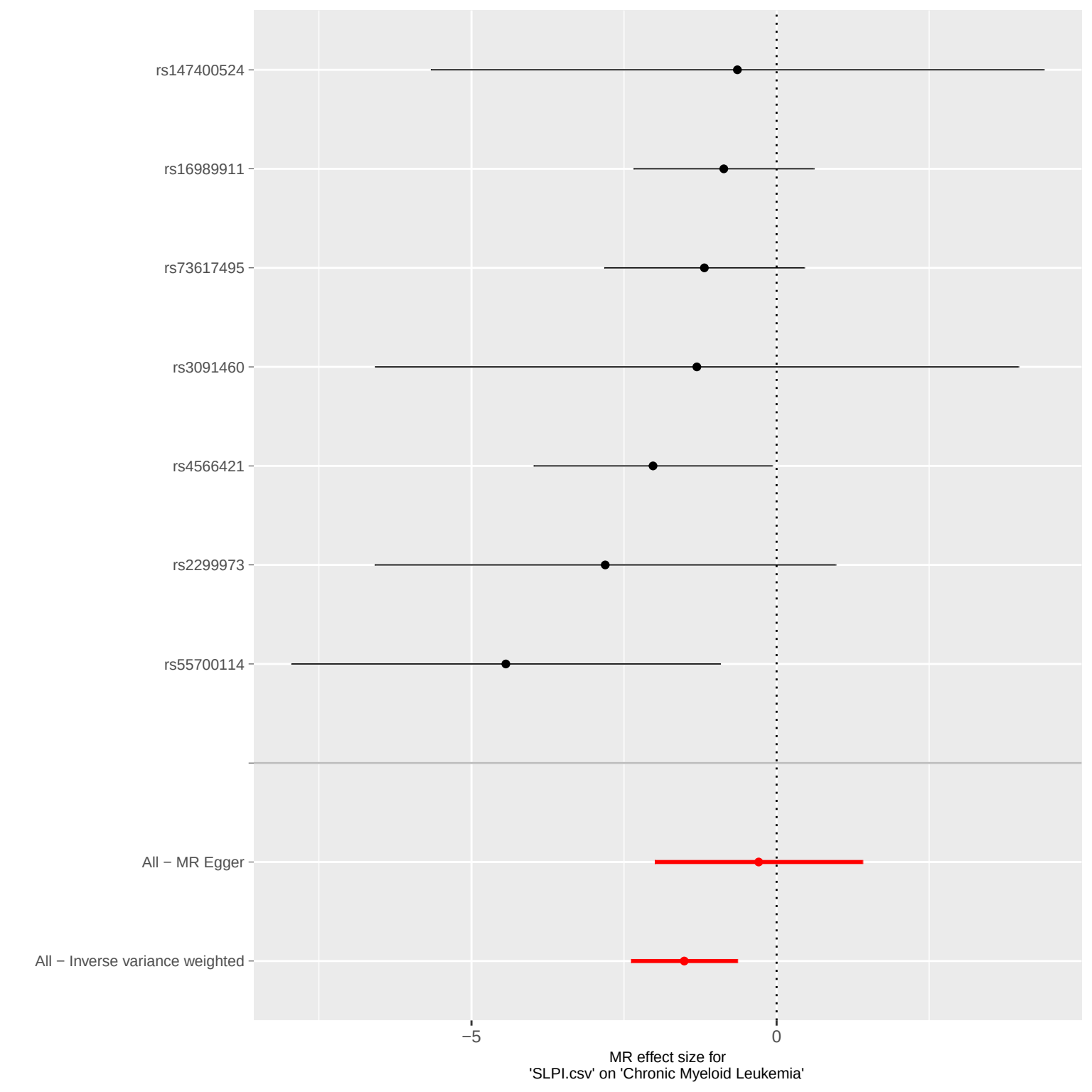
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All − MR Egger
All − Inverse variance weighted
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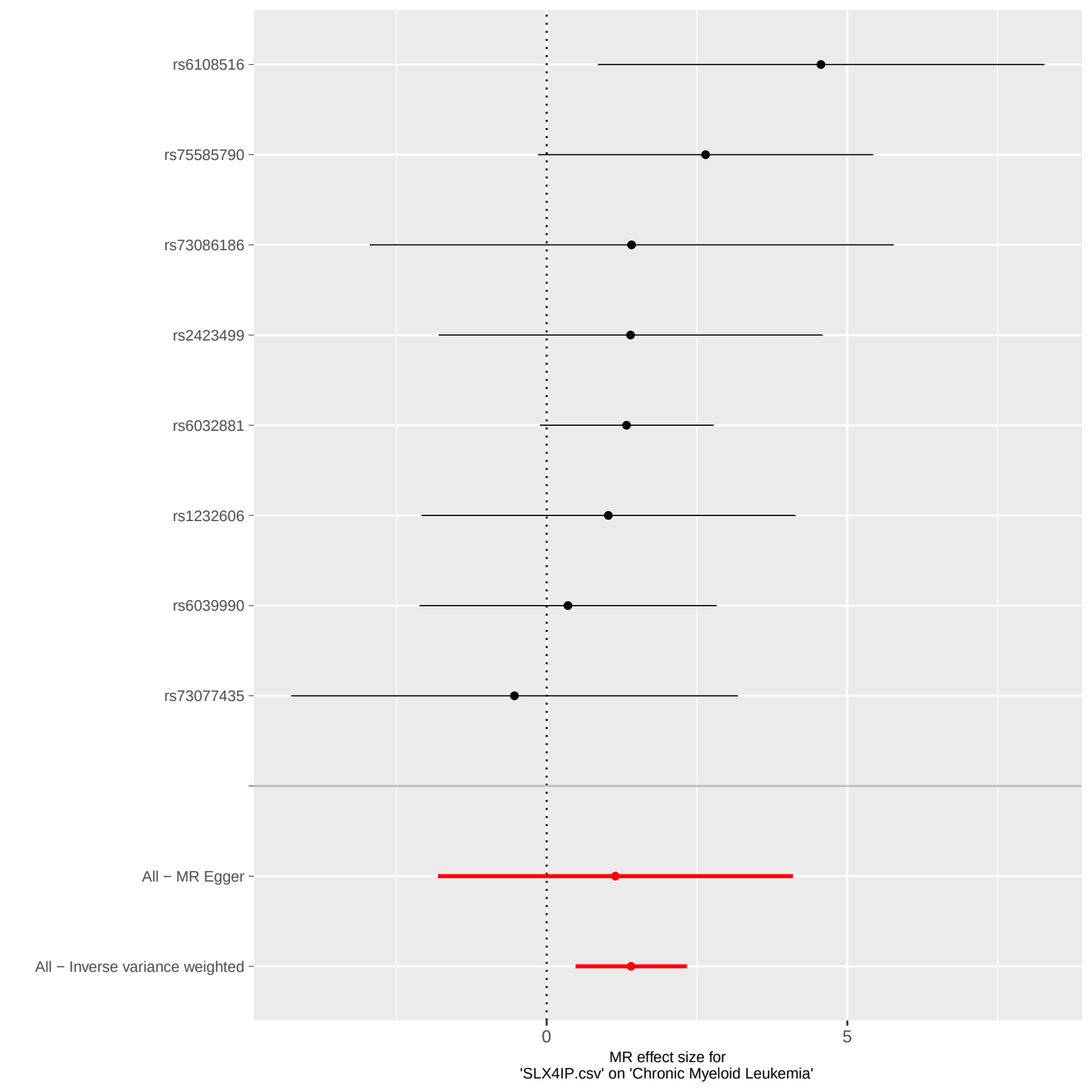
MR effect size for
'SLPI.csv' on 'Chronic Myeloid Leukemia'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rs6032881
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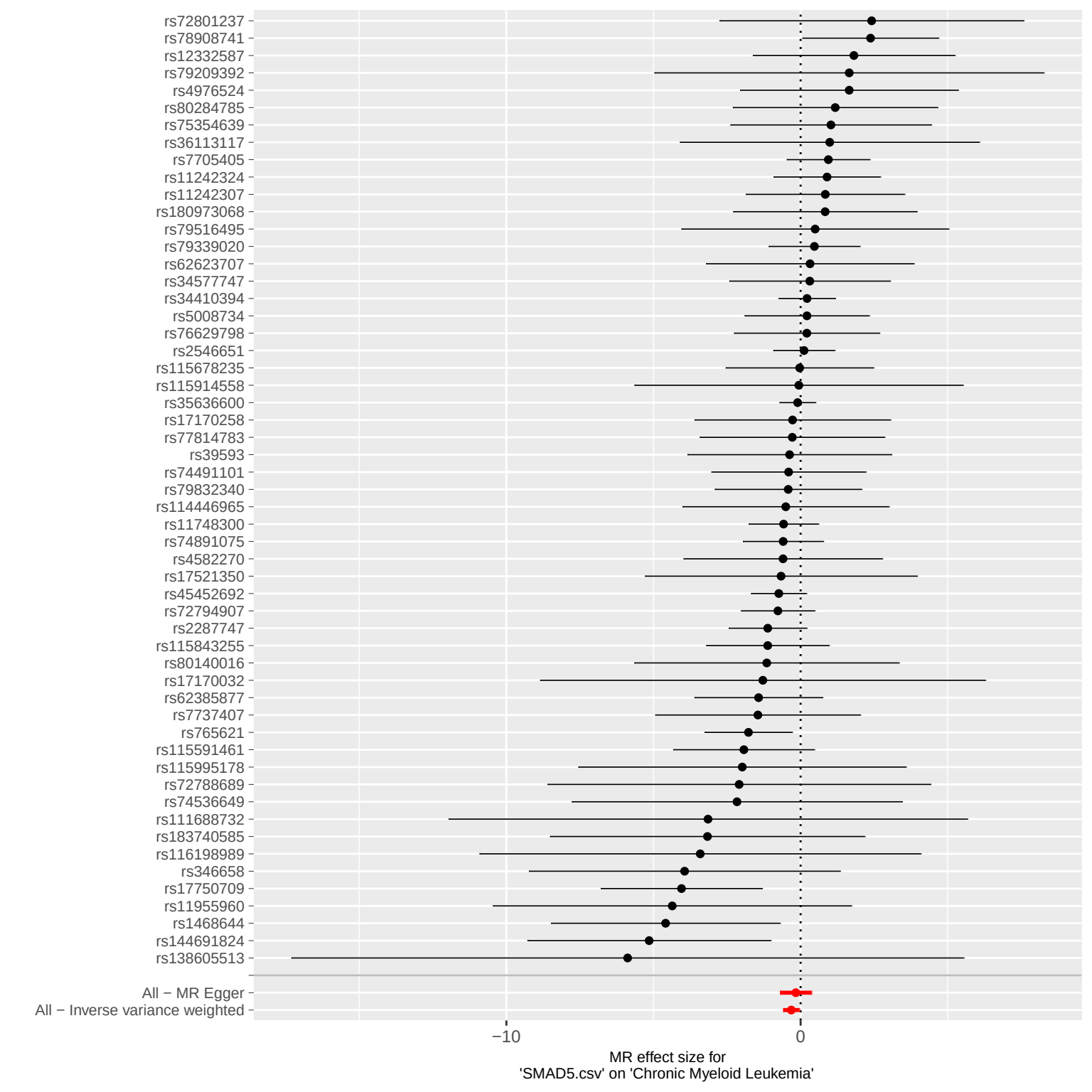
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'SLX4IP.csv' on 'Chronic Myeloid Leukemia'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rs79339020
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rs72794907
rs2287747
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rs80140016
rs17170032
rs62385877
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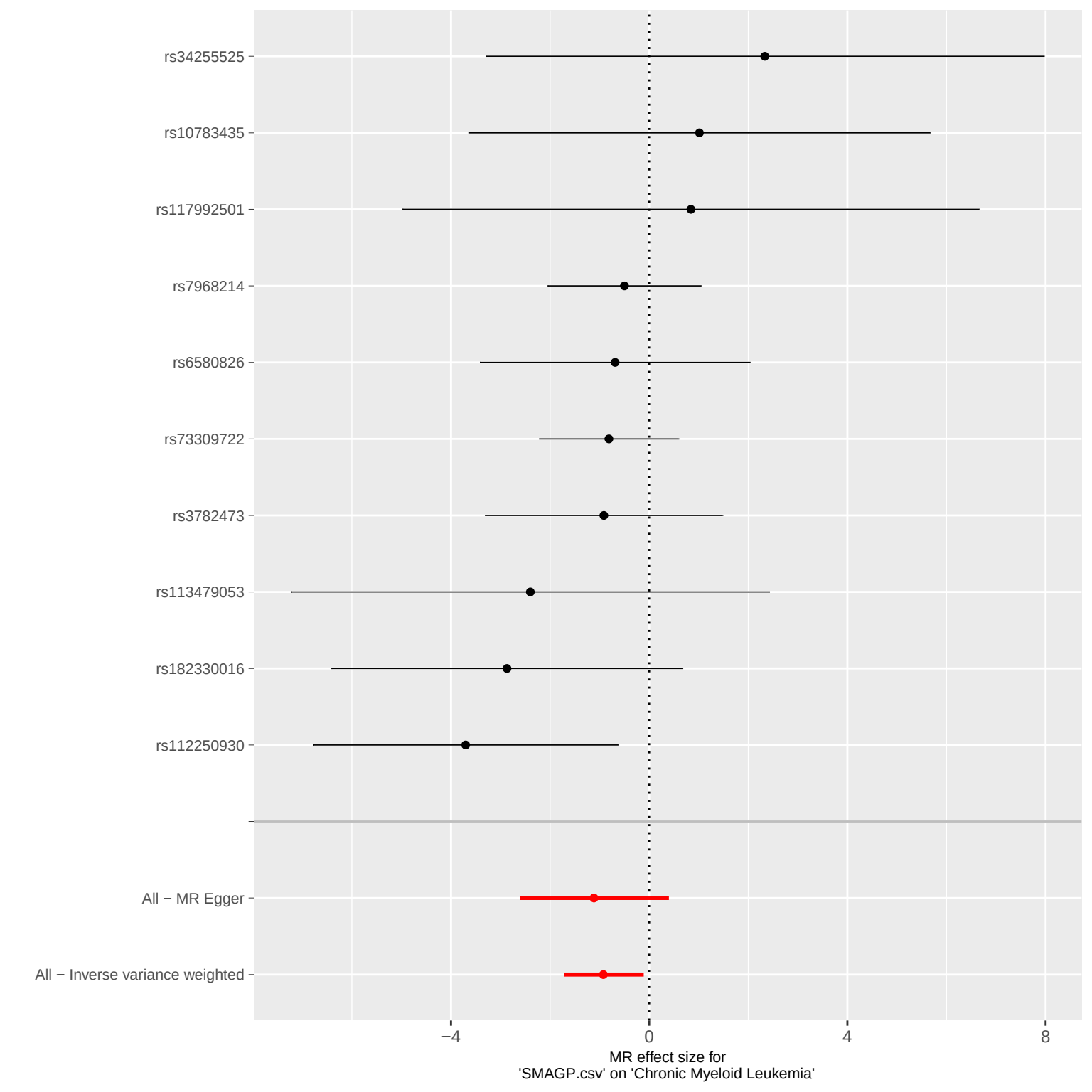
rs115995178
rs72788689
rs74536649
rs111688732
rs183740585
rs116198989
rs346658
rs17750709
rs11955960
rs1468644
rs144691824
rs138605513
All − MR Egger
All − Inverse variance weighted
−10
0
MR effect size for
'SMAD5.csv' on 'Chronic Myeloid Leukemia'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rs117992501
rs7968214
rs6580826
rs73309722
rs3782473
rs113479053
rs182330016
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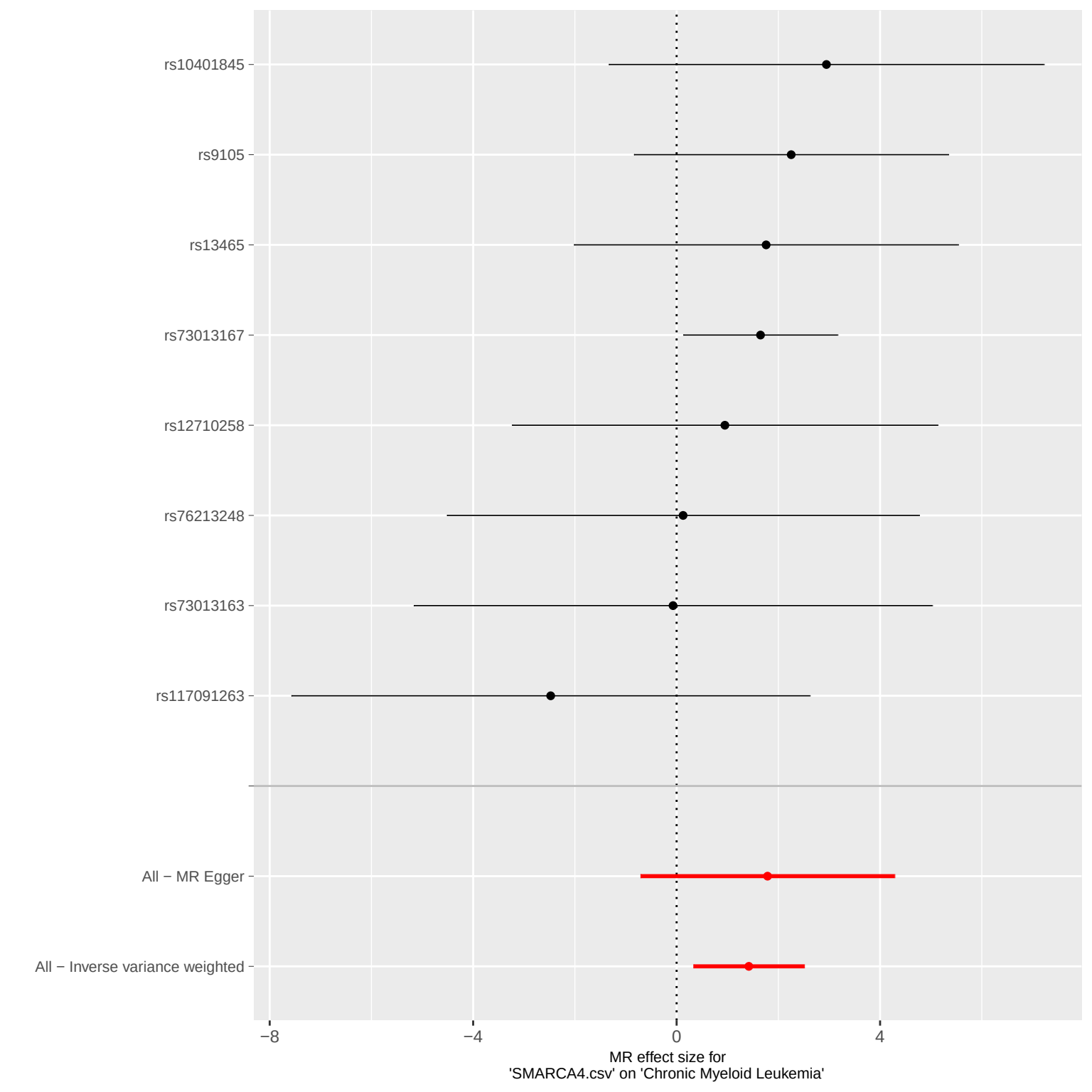
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'SMAGP.csv' on 'Chronic Myeloid Leukemia'


rs10401845
rs9105
rs13465
rs73013167
rs12710258
rs76213248
rs73013163
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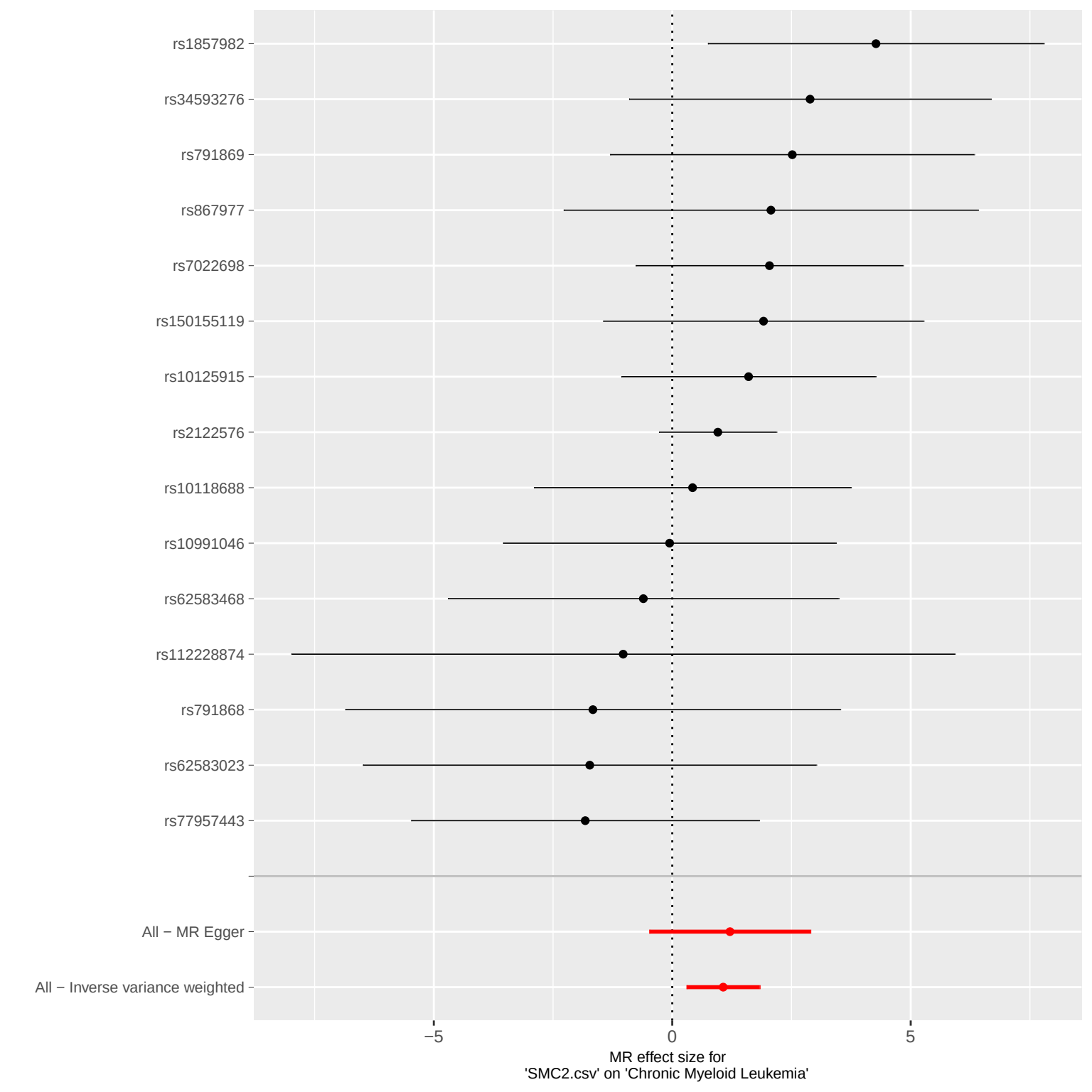
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SMARCA4.csv' on 'Chronic Myeloid Leukemia'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rs10991046
rs62583468
rs112228874
rs791868
rs62583023
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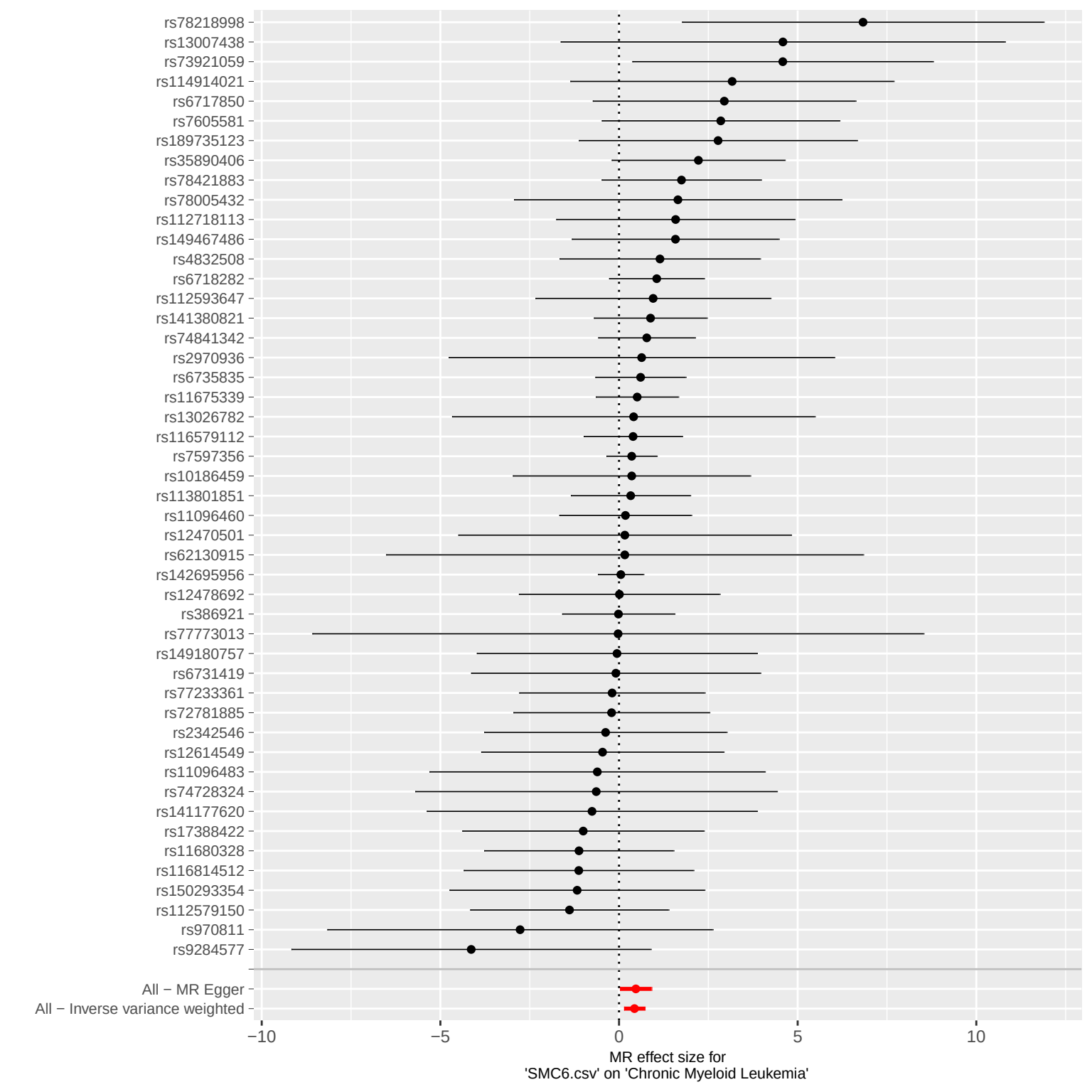
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SMC2.csv' on 'Chronic Myeloid Leukemia'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rs2342546
rs12614549
rs11096483
rs74728324
rs141177620
rs17388422
rs11680328
rs116814512
rs150293354
rs112579150
rs970811
rs9284577
All − MR Egger
All − Inverse variance weighted
−10
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0
5
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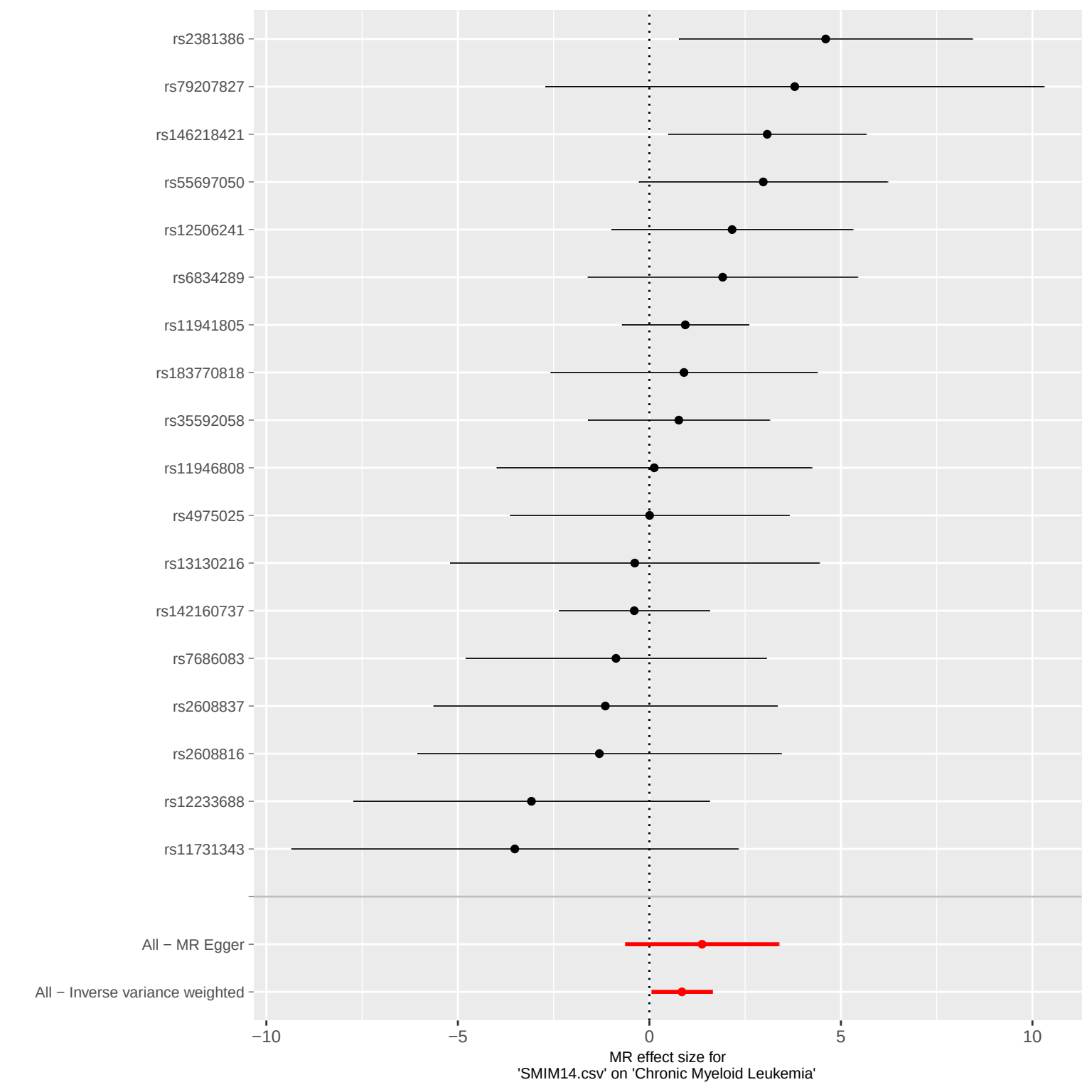
MR effect size for
'SMC6.csv' on 'Chronic Myeloid Leukemia'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rs12506241
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rs35592058
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rs4975025
rs13130216
rs142160737
rs7686083
rs2608837
rs2608816
rs12233688
rs11731343
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
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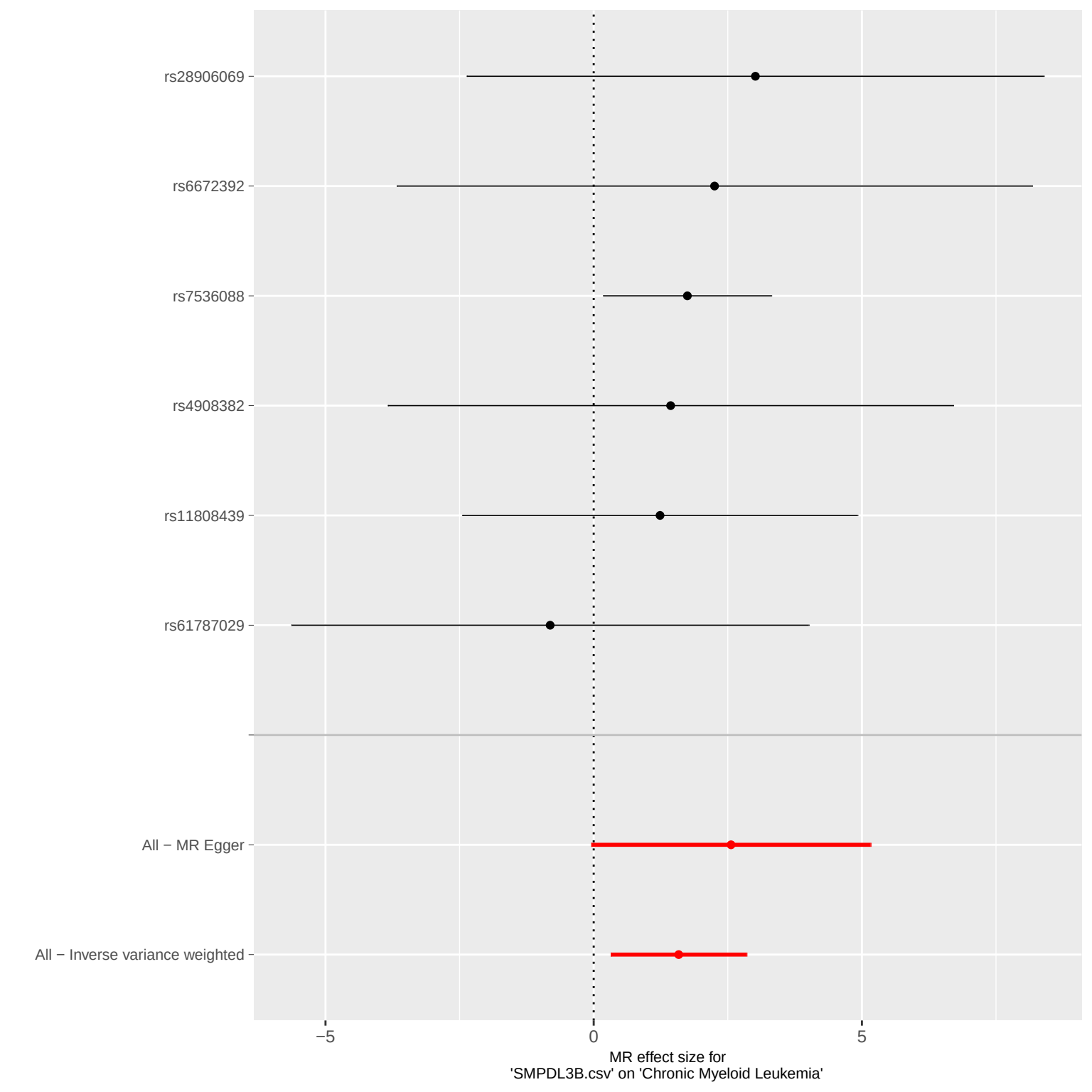
MR effect size for
'SMIM14.csv' on 'Chronic Myeloid Leukemia'


rs28906069
rs6672392
rs7536088
rs4908382
rs11808439
rs61787029
All − MR Egger
All − Inverse variance weighted
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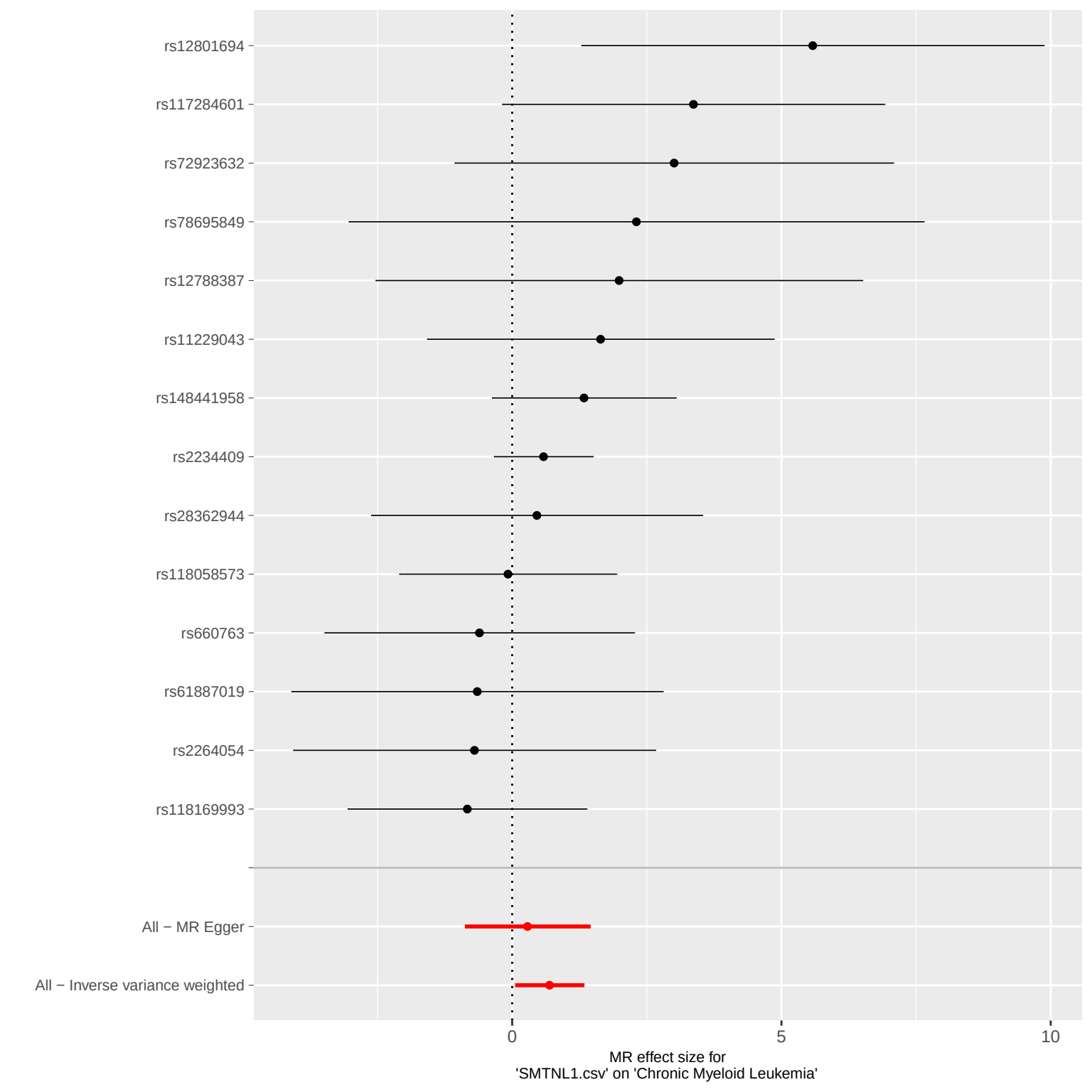
MR effect size for
'SMPDL3B.csv' on 'Chronic Myeloid Leukemia'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rs660763
rs61887019
rs2264054
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All − MR Egger
All − Inverse variance weighted
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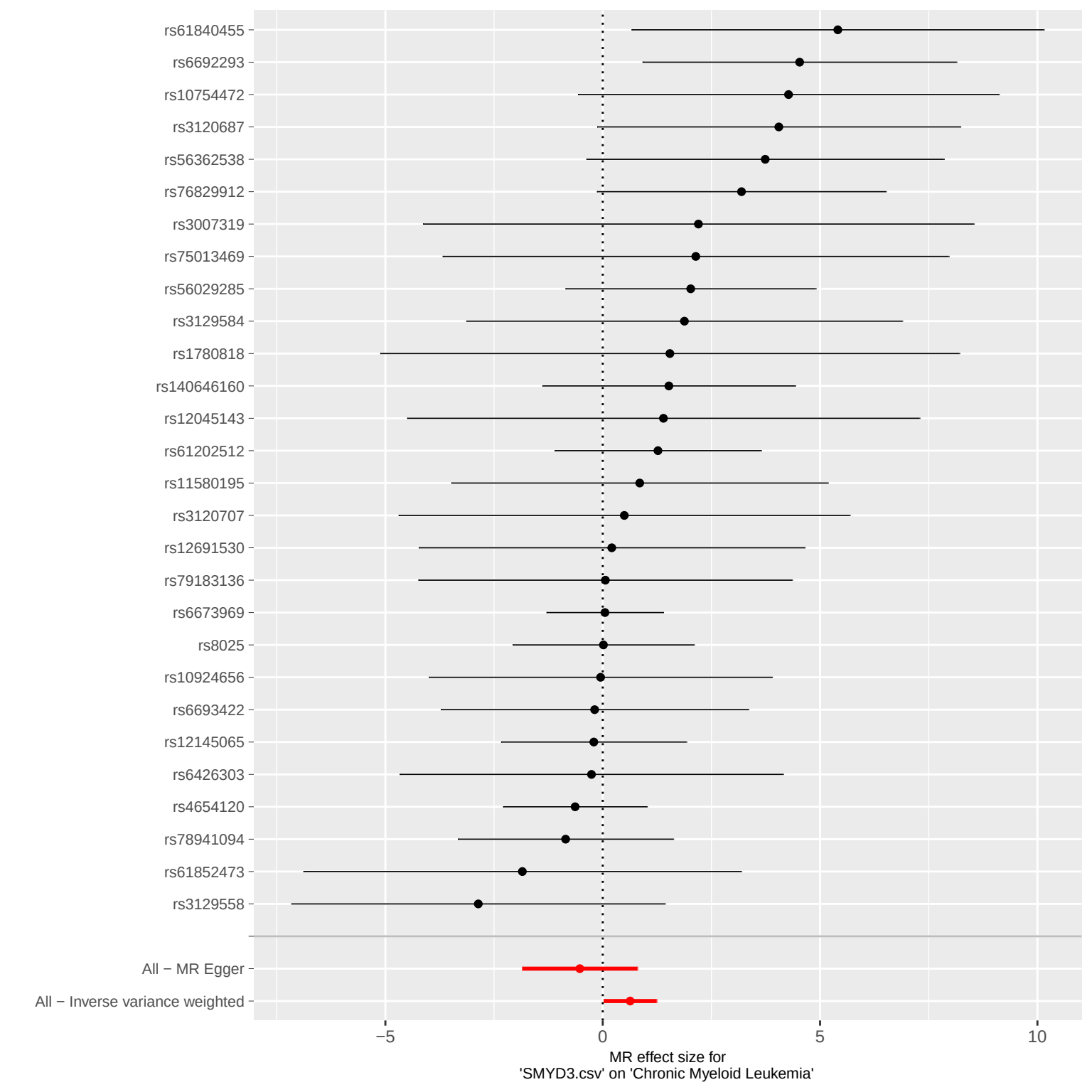
MR effect size for
'SMTNL1.csv' on 'Chronic Myeloid Leukemia'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rs140646160
rs12045143
rs61202512
rs11580195
rs3120707
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rs6673969
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rs10924656
rs6693422
rs12145065
rs6426303
rs4654120
rs78941094
rs61852473
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All − MR Egger
All − Inverse variance weighted
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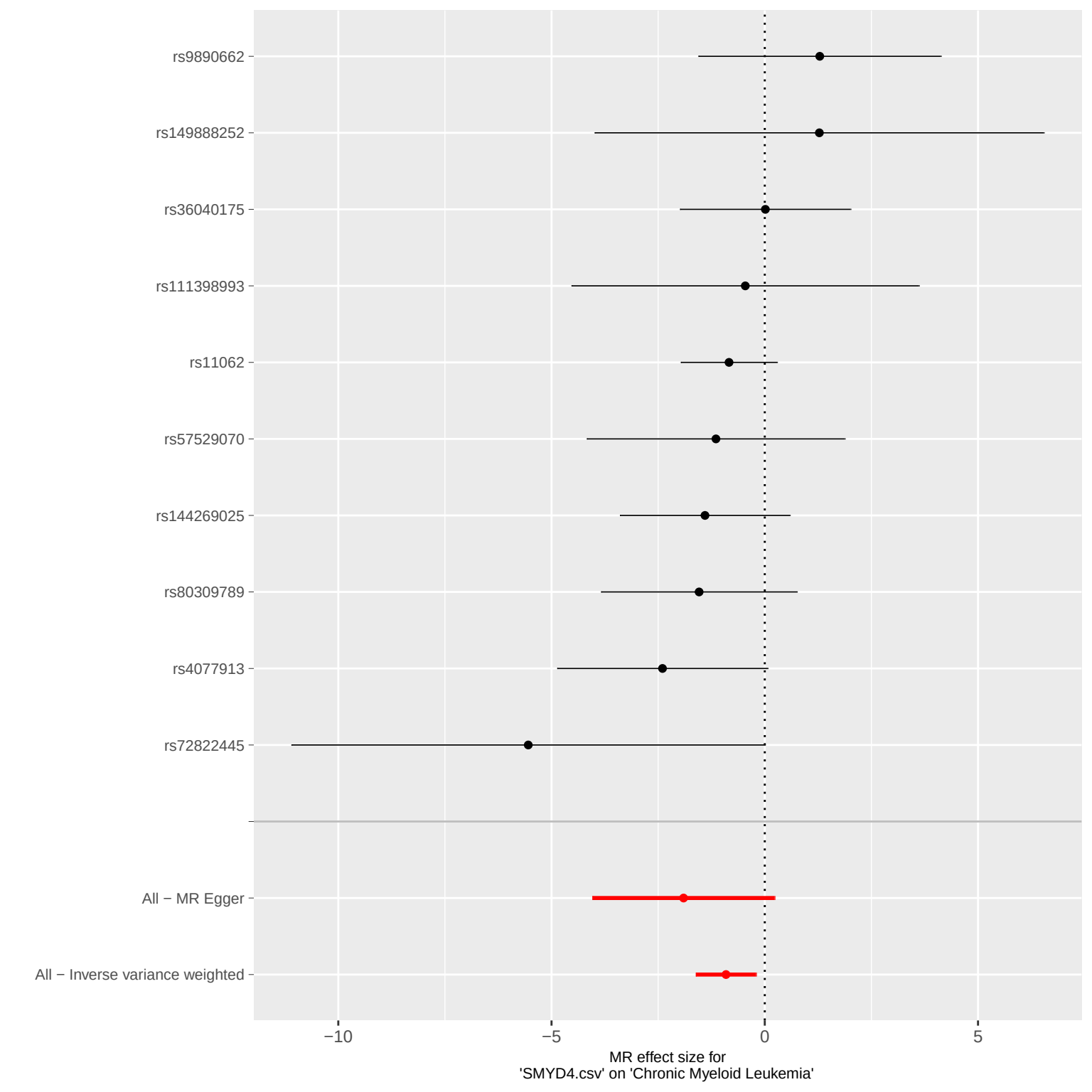
MR effect size for
'SMYD3.csv' on 'Chronic Myeloid Leukemia'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rs57529070
rs144269025
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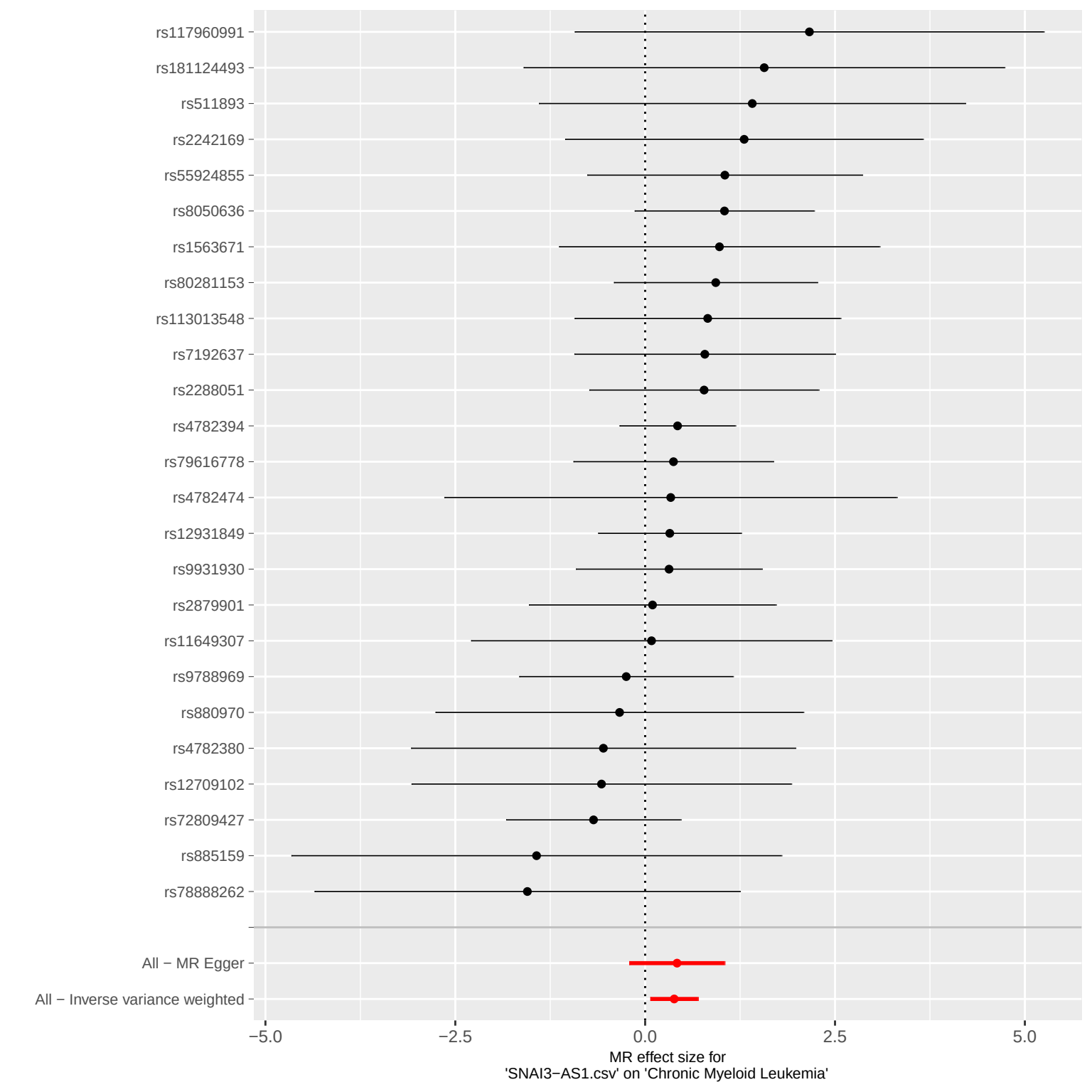
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SMYD4.csv' on 'Chronic Myeloid Leukemia'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rs4782474
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rs9931930
rs2879901
rs11649307
rs9788969
rs880970
rs4782380
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All − MR Egger
All − Inverse variance weighted
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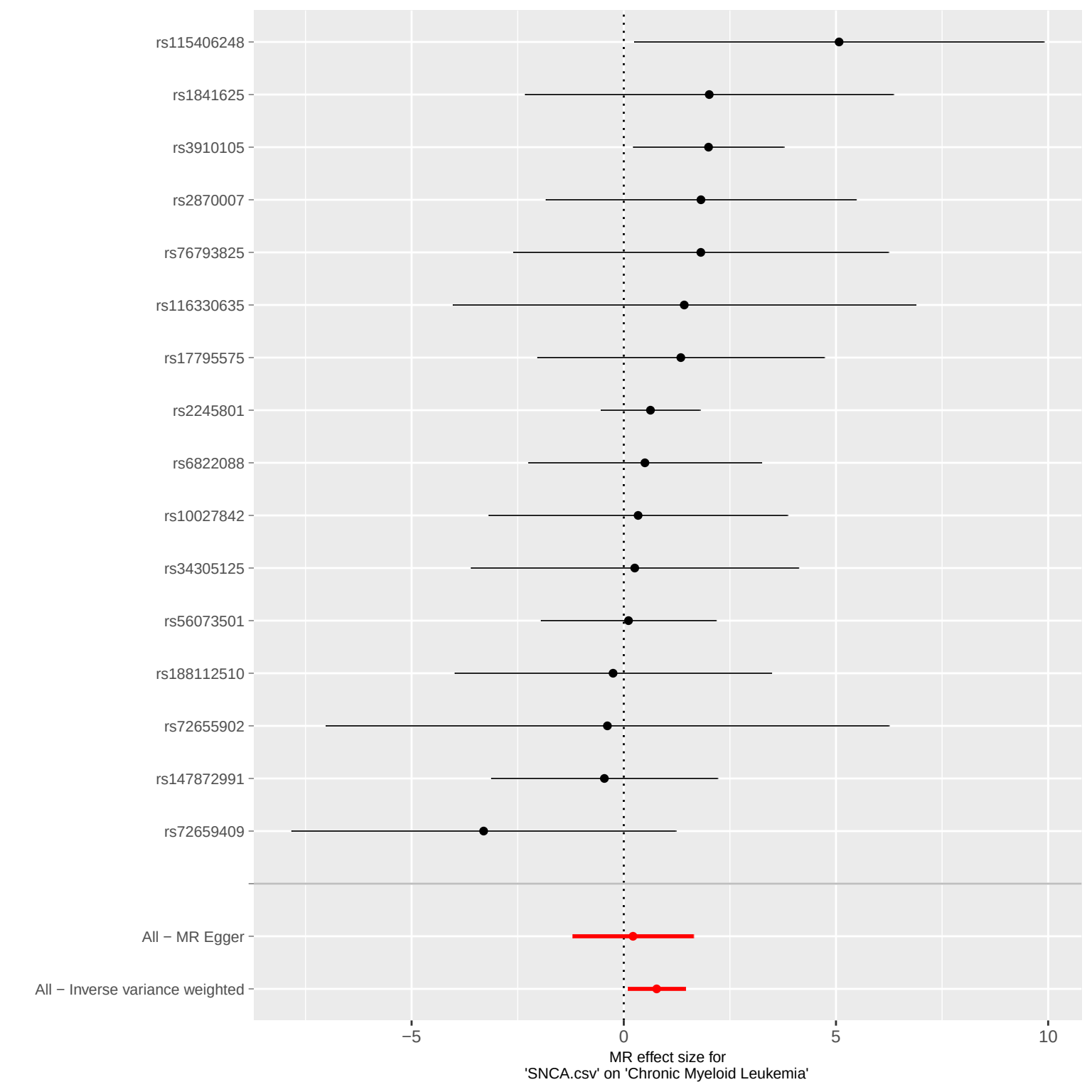
0.0
2.5
5.0
MR effect size for
'SNAI3−AS1.csv' on 'Chronic Myeloid Leukemia'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rs34305125
rs56073501
rs188112510
rs72655902
rs147872991
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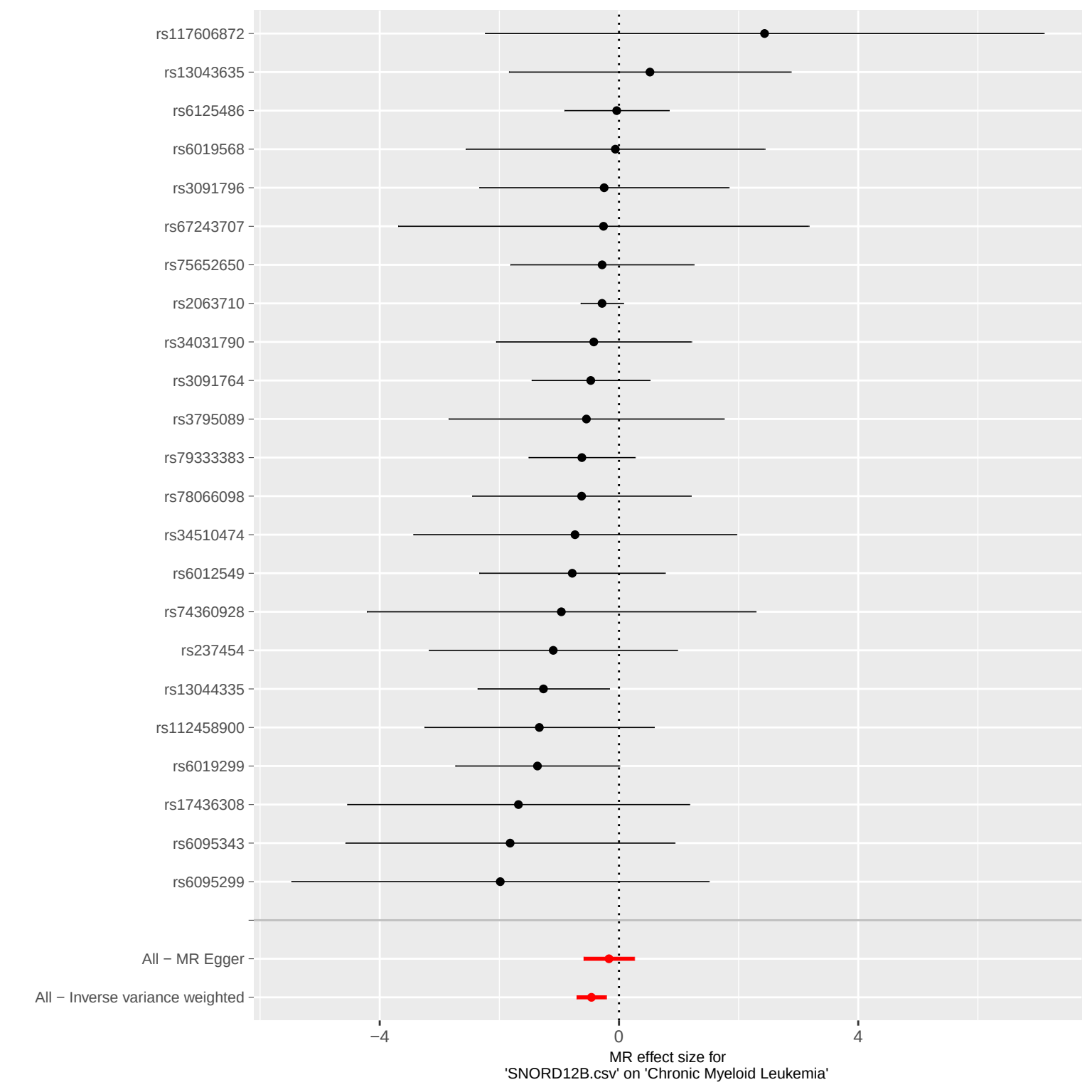
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SNCA.csv' on 'Chronic Myeloid Leukemia'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rs79333383
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rs34510474
rs6012549
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rs13044335
rs112458900
rs6019299
rs17436308
rs6095343
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All − MR Egger
All − Inverse variance weighted
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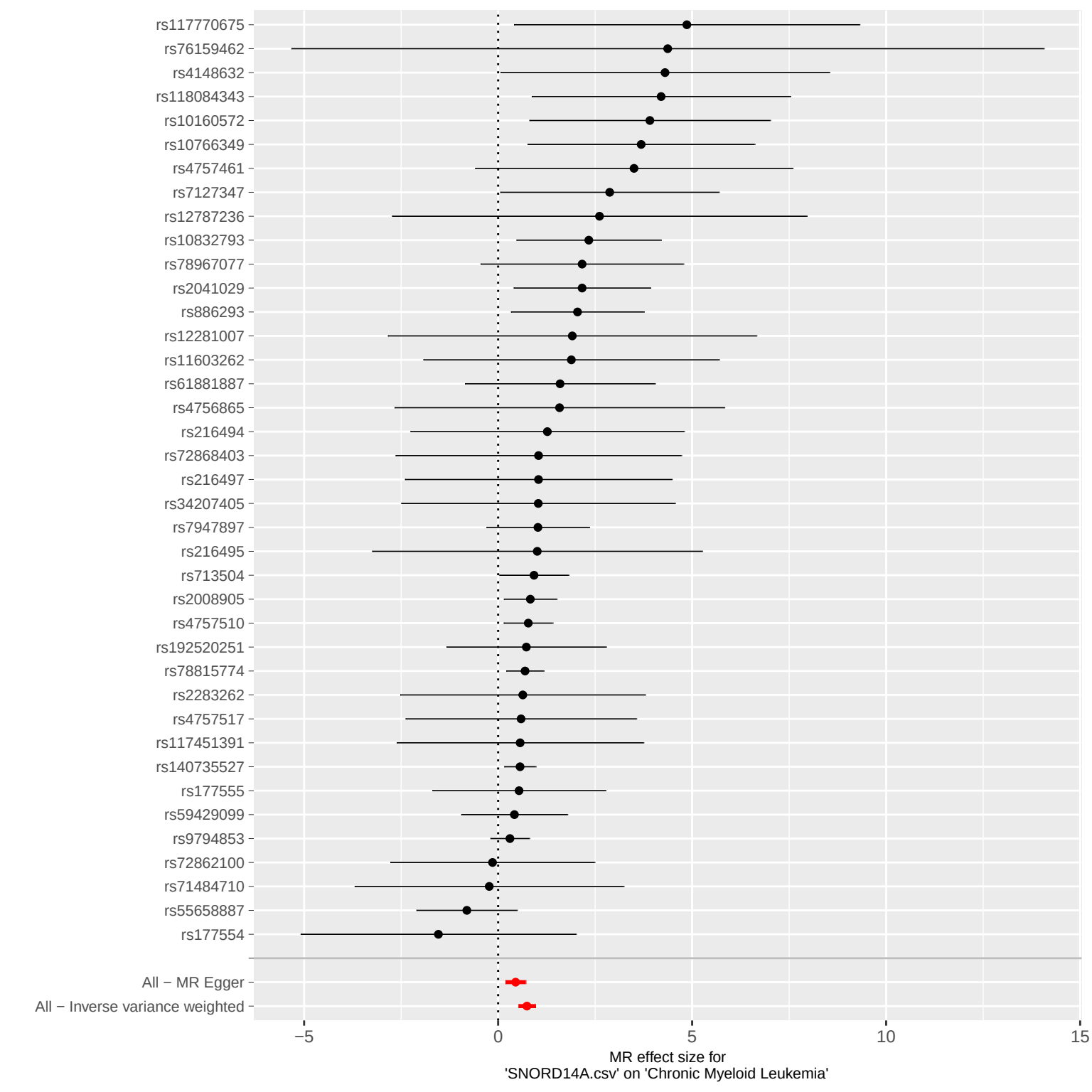
MR effect size for
'SNORD12B.csv' on 'Chronic Myeloid Leukemia'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rs2283262
rs4757517
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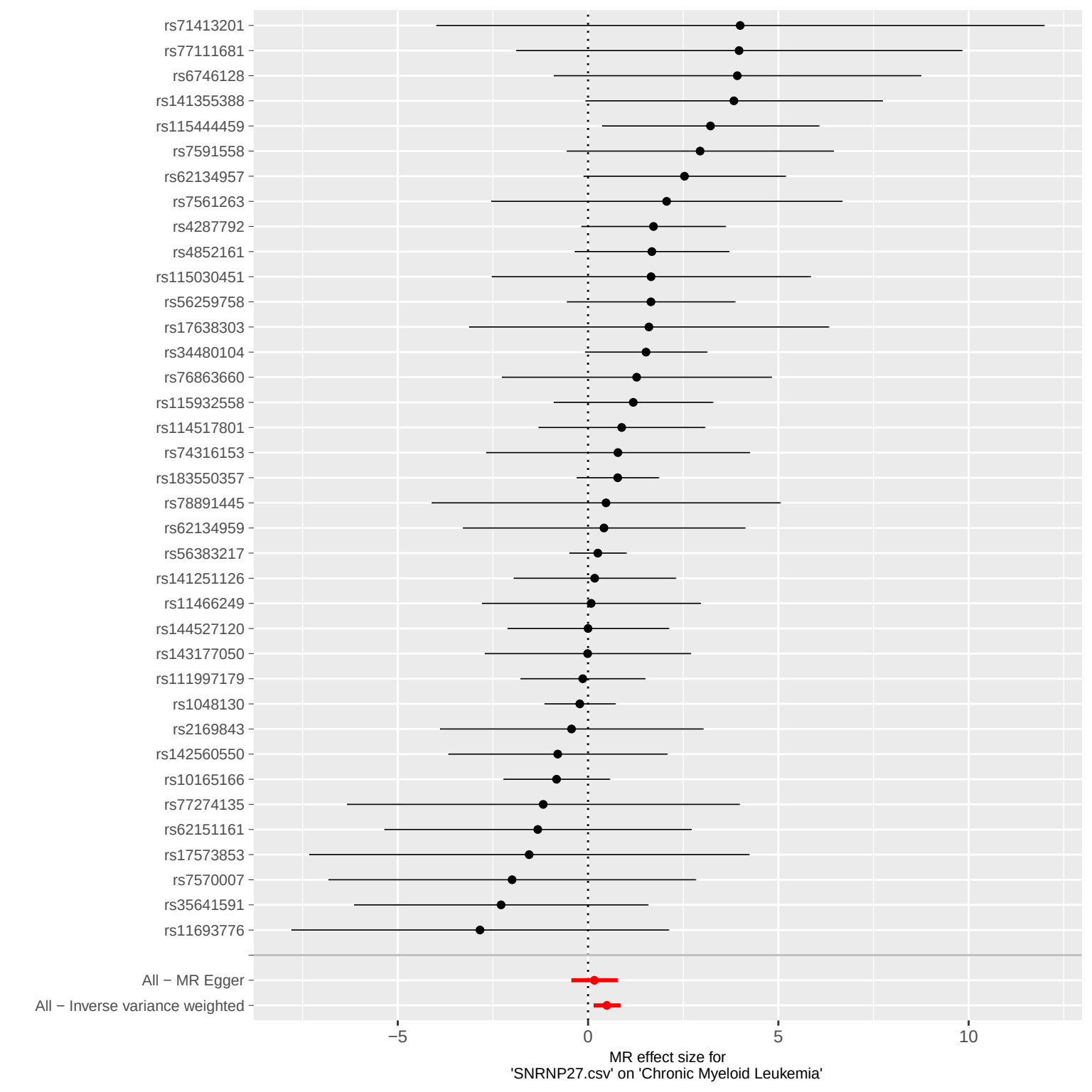
rs140735527
rs177555
rs59429099
rs9794853
rs72862100
rs71484710
rs55658887
rs177554
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'SNORD14A.csv' on 'Chronic Myeloid Leukemia'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rs2169843
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rs10165166
rs77274135
rs62151161
rs17573853
rs7570007
rs35641591
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All − MR Egger
All − Inverse variance weighted
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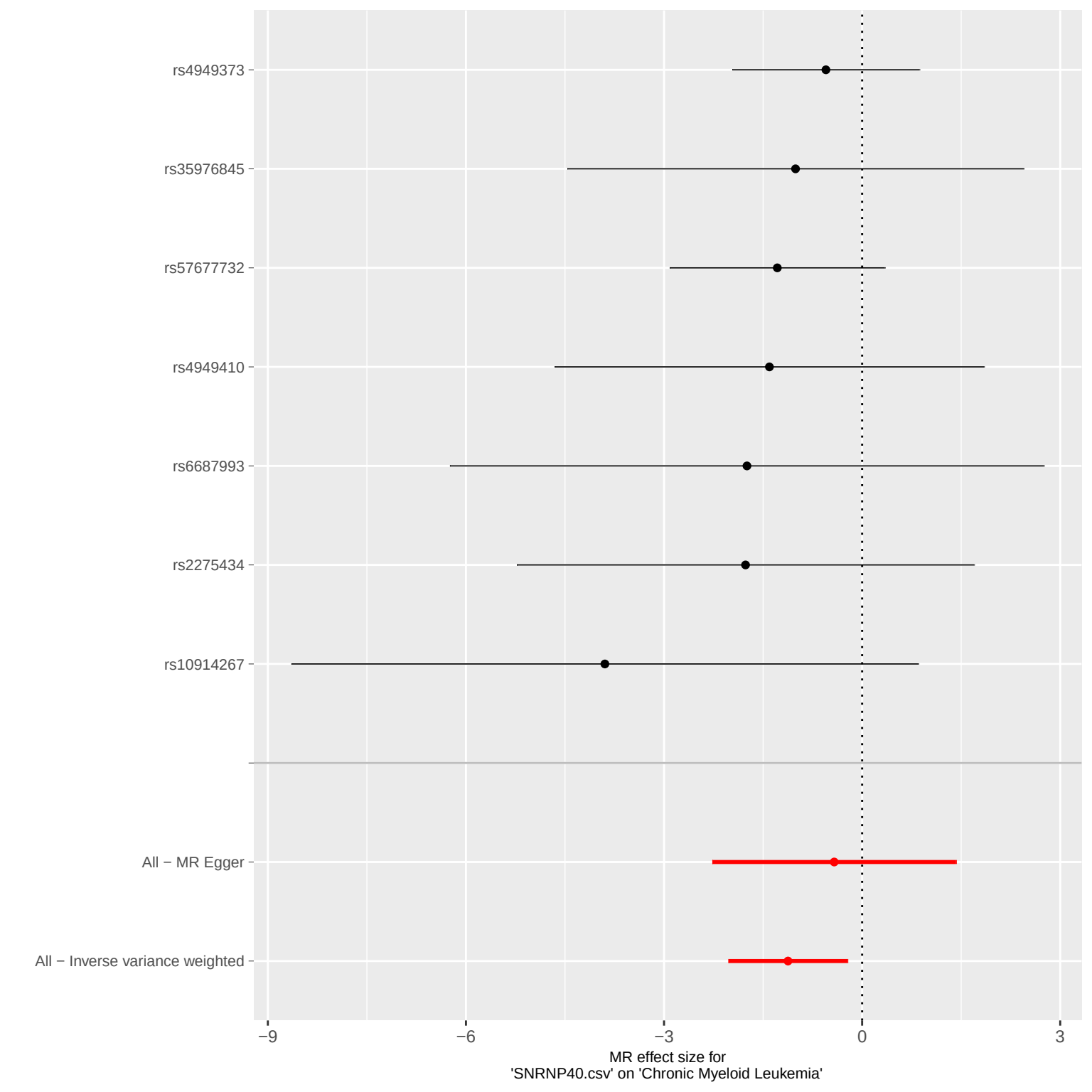
MR effect size for
'SNRNP27.csv' on 'Chronic Myeloid Leukemia'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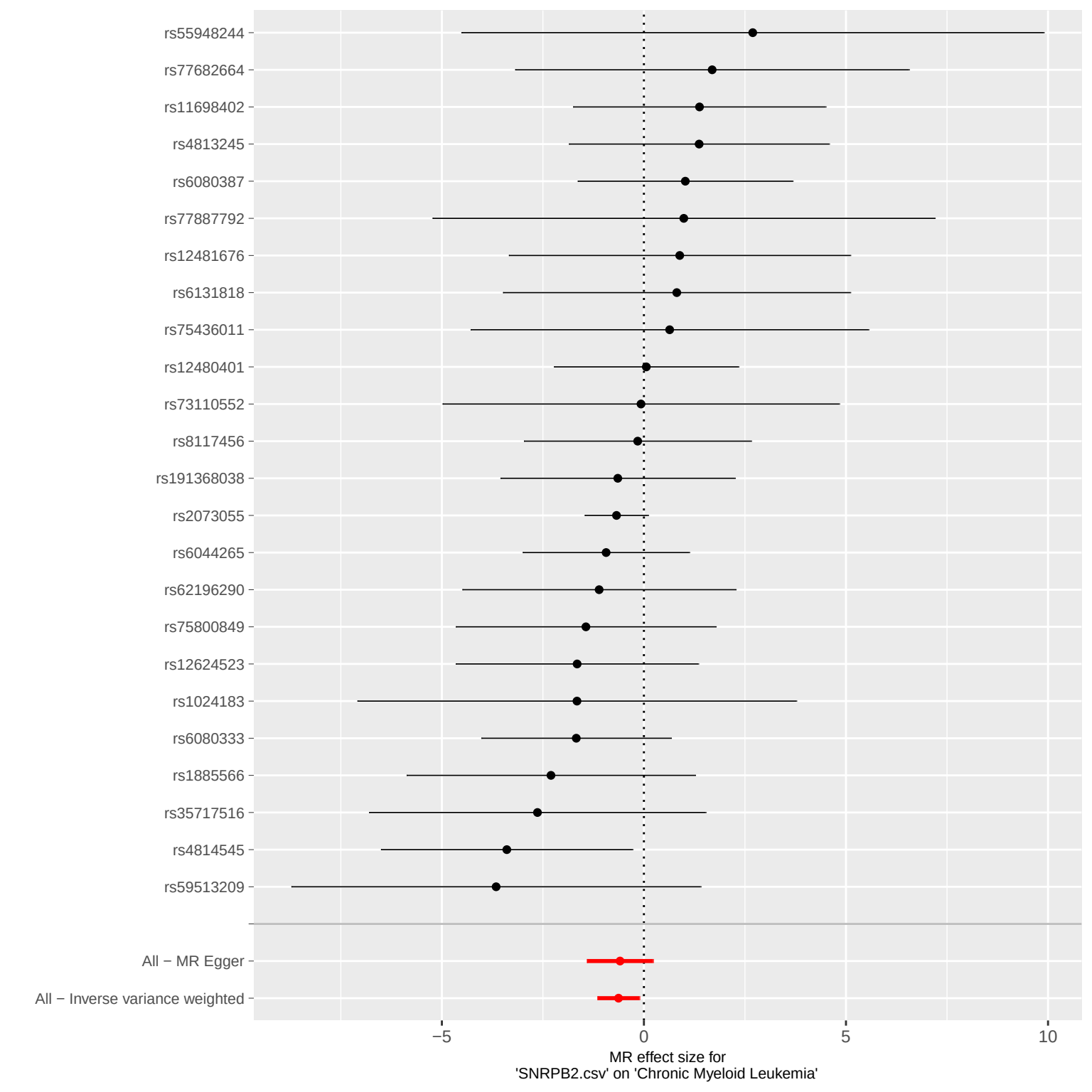
All − MR Egger
All − Inverse variance weighted
−9
−6
−3
0
3
MR effect size for
'SNRNP40.csv' on 'Chronic Myeloid Leukemia'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rs4814545
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All − MR Egger
All − Inverse variance weighted
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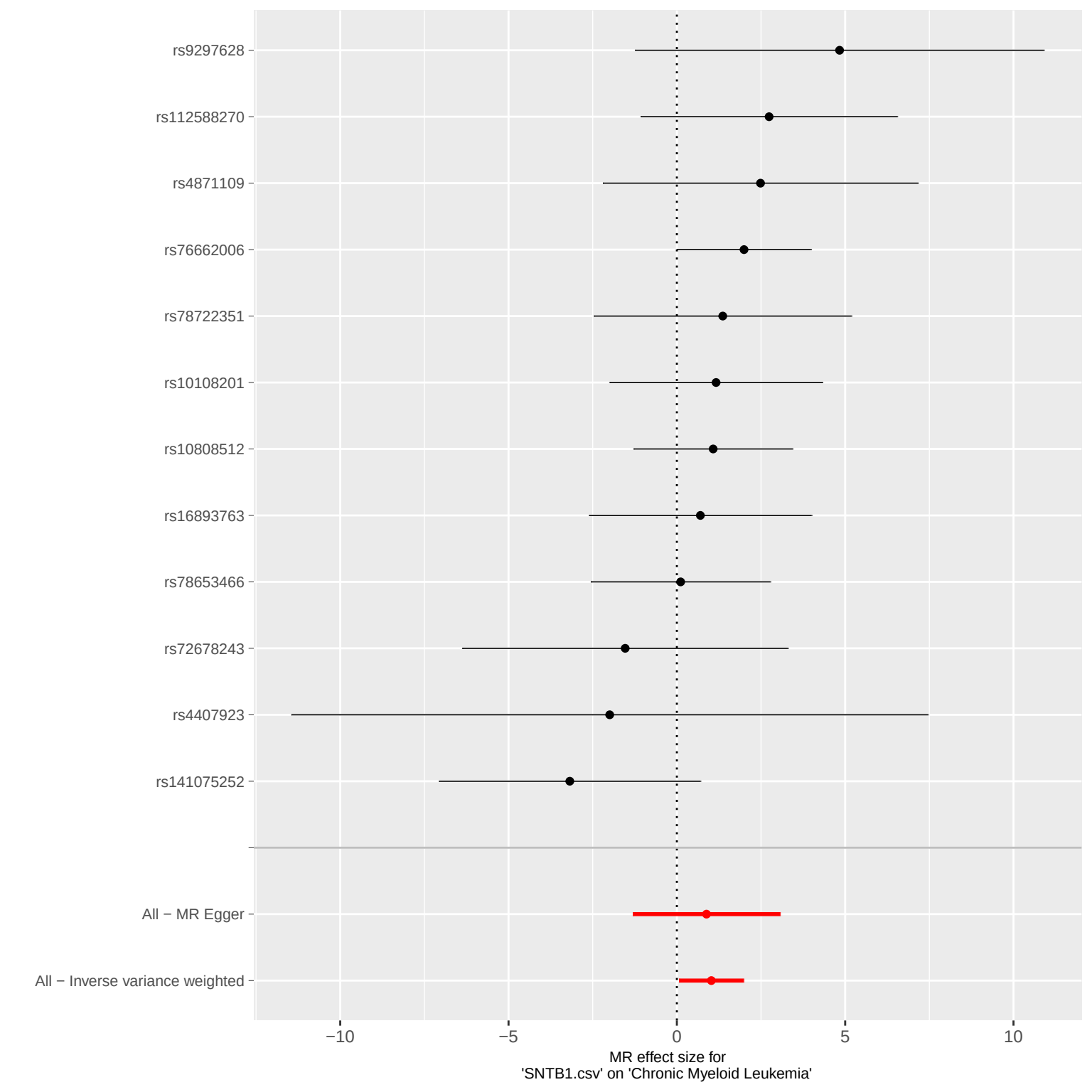
MR effect size for
'SNRPB2.csv' on 'Chronic Myeloid Leukemia'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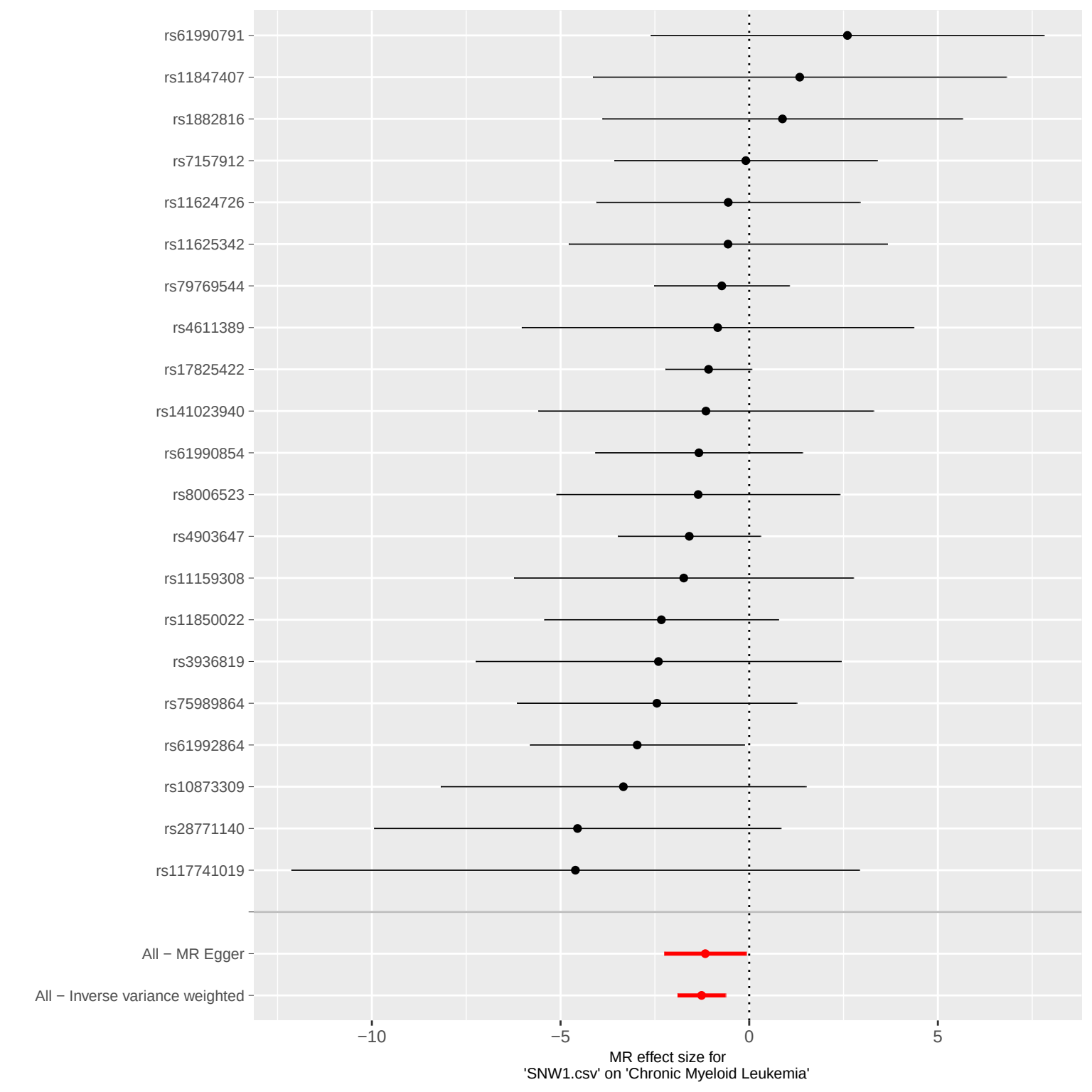
rs4407923
rs141075252
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SNTB1.csv' on 'Chronic Myeloid Leukemia'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rs8006523
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rs11159308
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rs3936819
rs75989864
rs61992864
rs10873309
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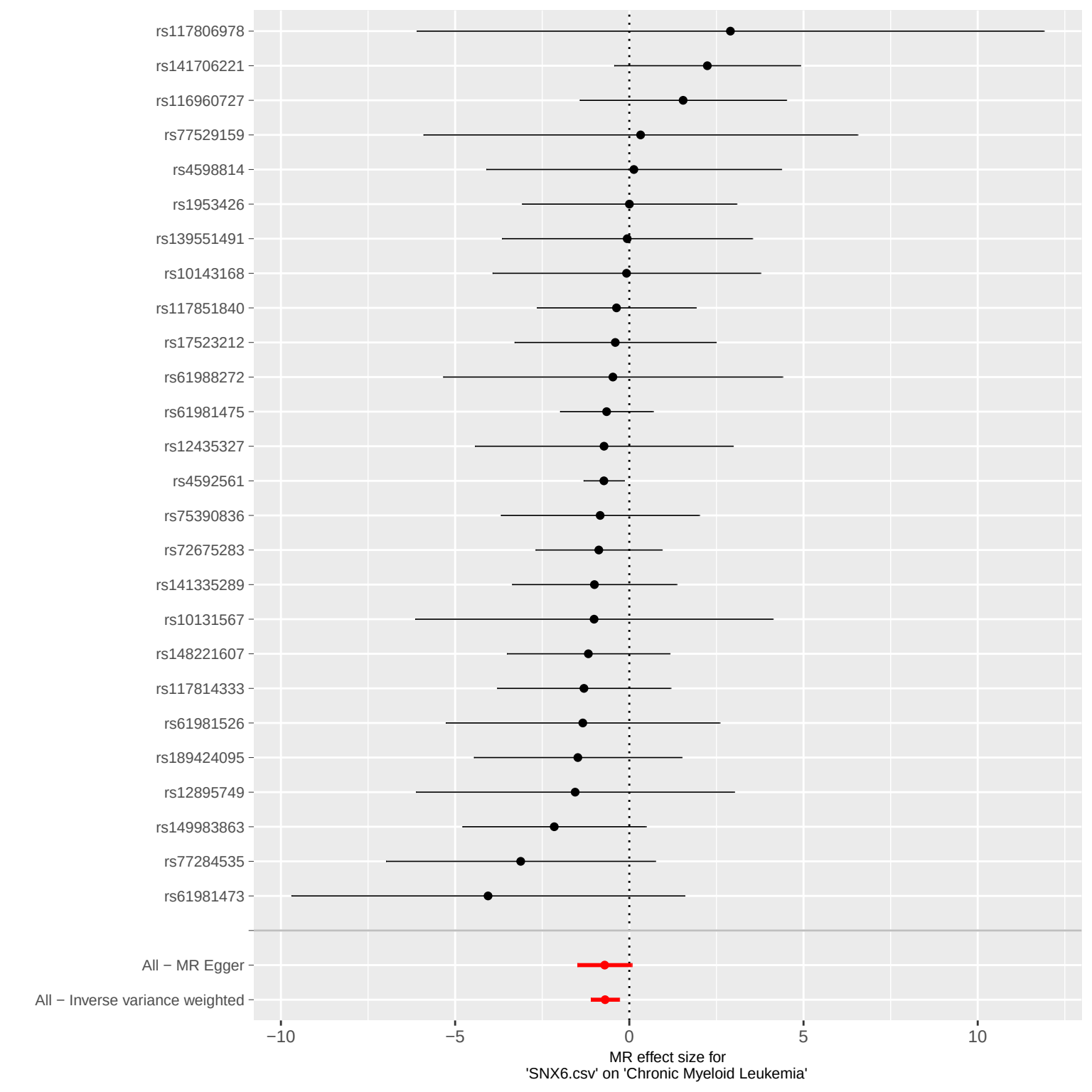
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SNW1.csv' on 'Chronic Myeloid Leukemia'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rs12895749
rs149983863
rs77284535
rs61981473
All − MR Egger
All − Inverse variance weighted
−10
−5
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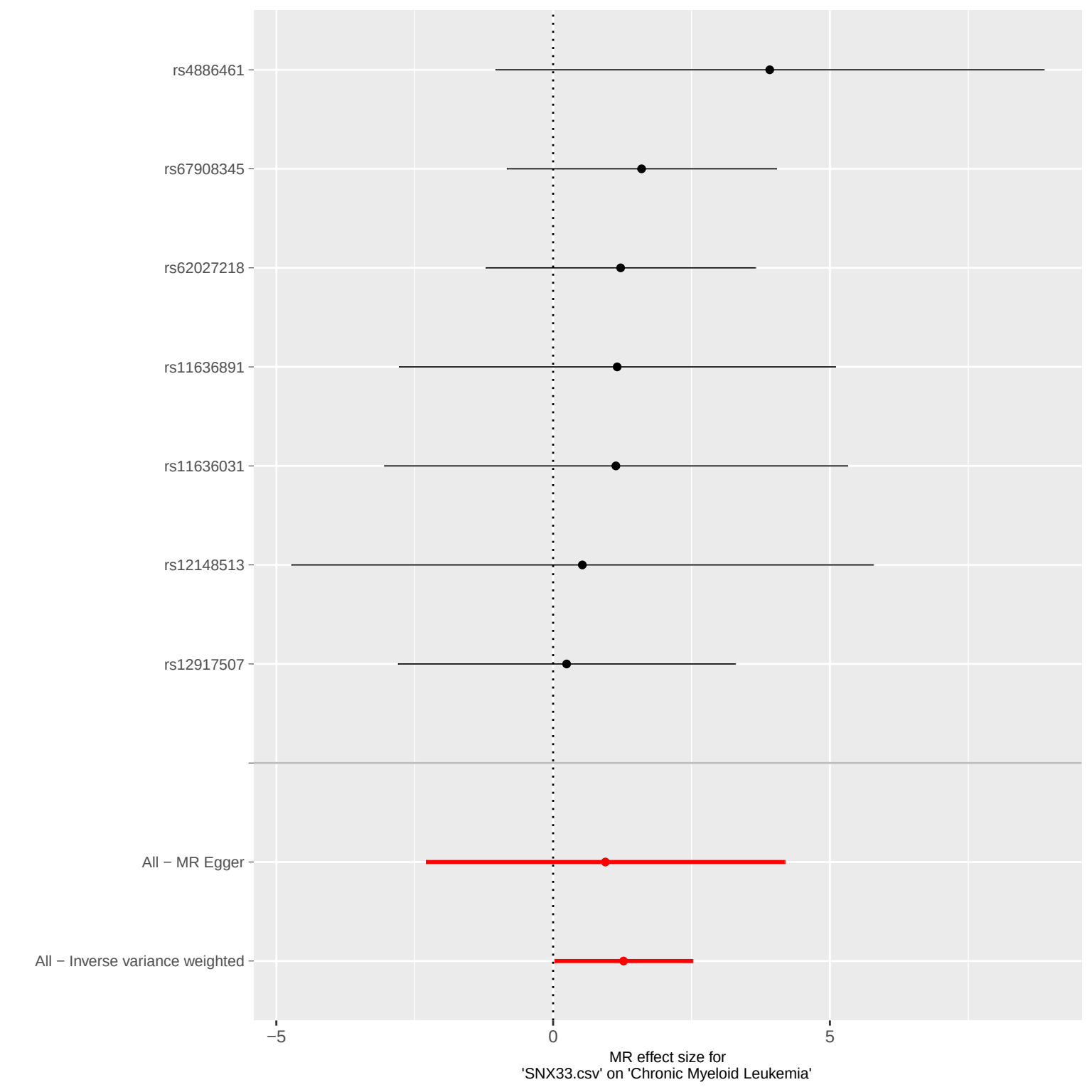
5
10
MR effect size for
'SNX6.csv' on 'Chronic Myeloid Leukemia'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rs12148513
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All − MR Egger
All − Inverse variance weighted
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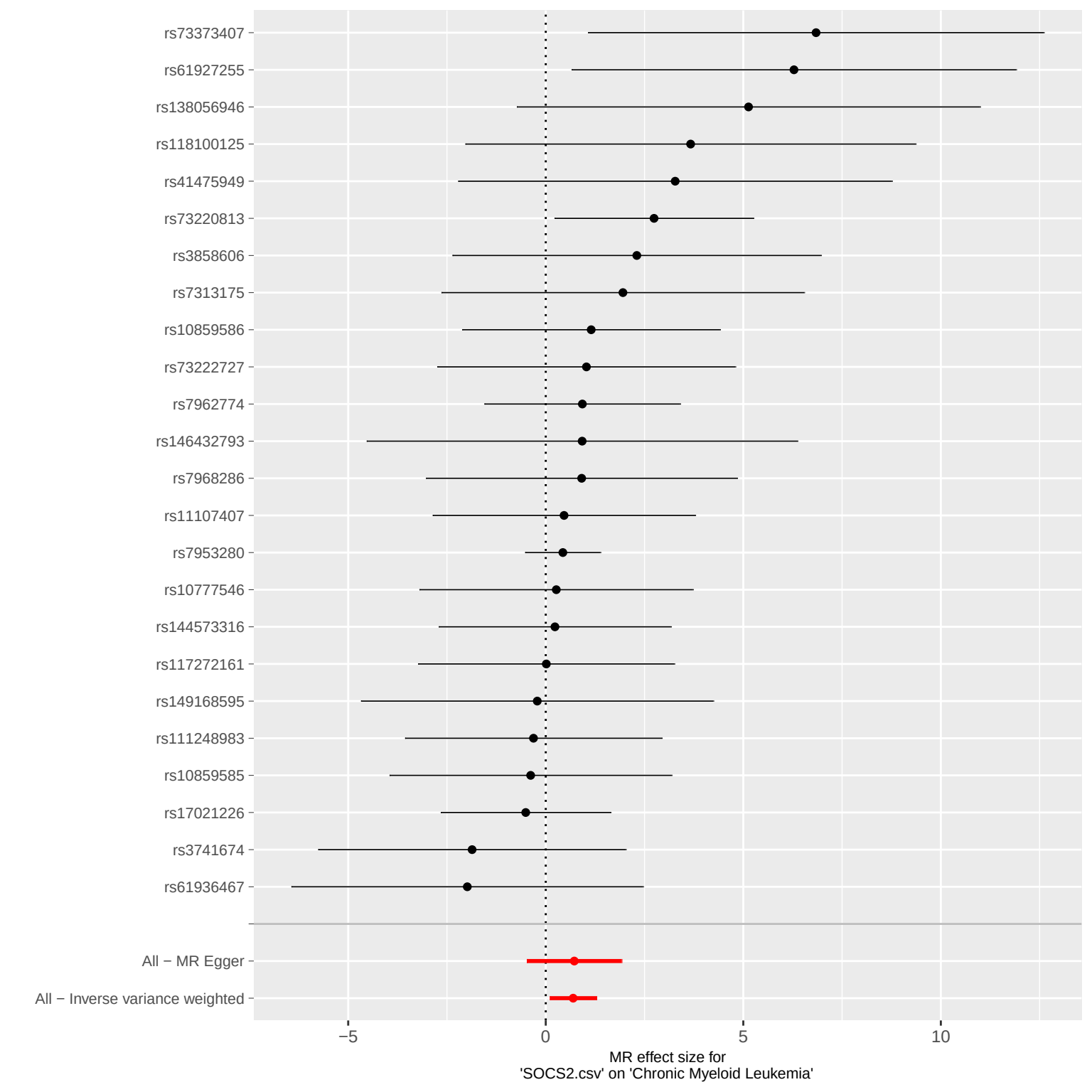
5
MR effect size for
'SNX33.csv' on 'Chronic Myeloid Leukemia'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rs149168595
rs111248983
rs10859585
rs17021226
rs3741674
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All − MR Egger
All − Inverse variance weighted
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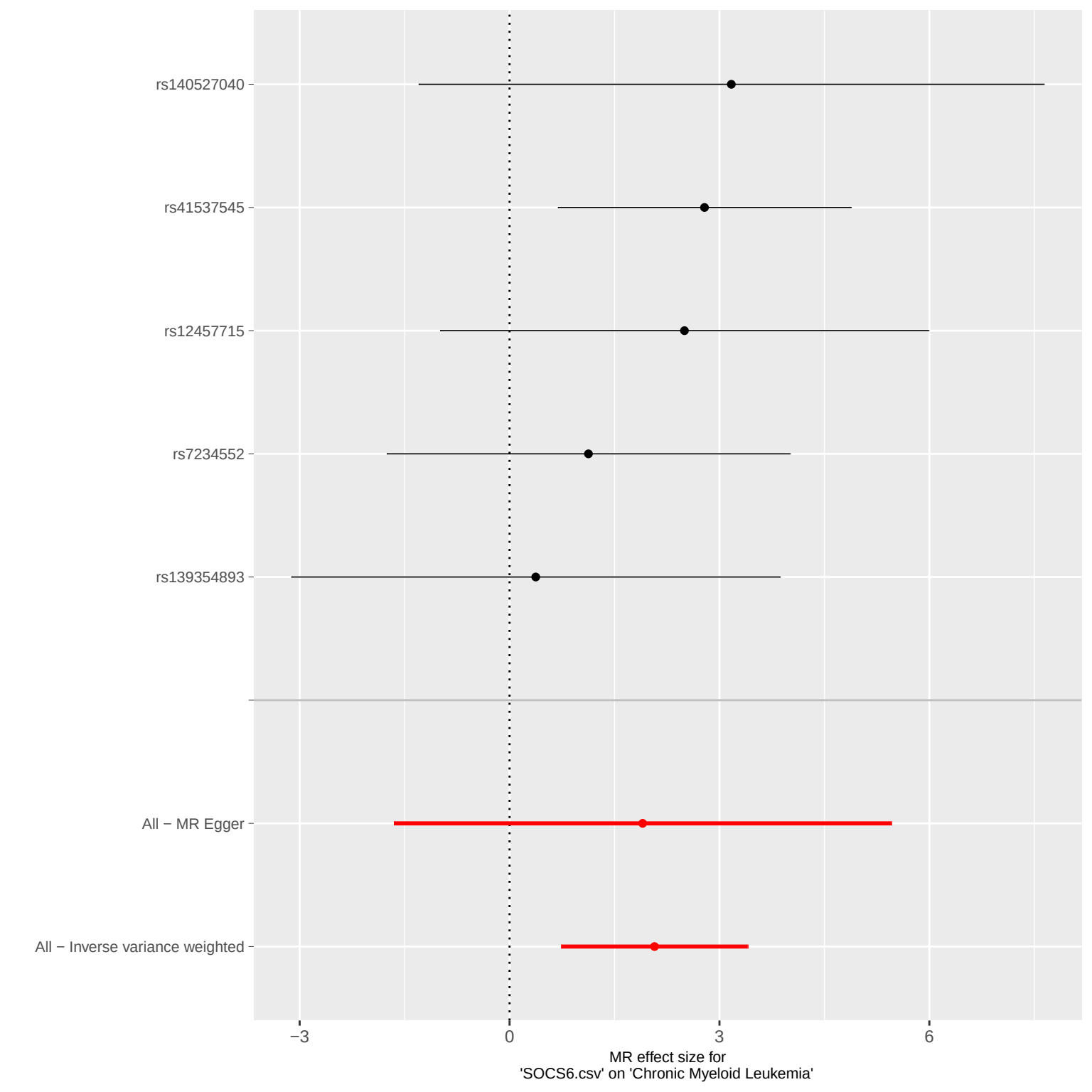
5
10
MR effect size for
'SOCS2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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0
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6
MR effect size for
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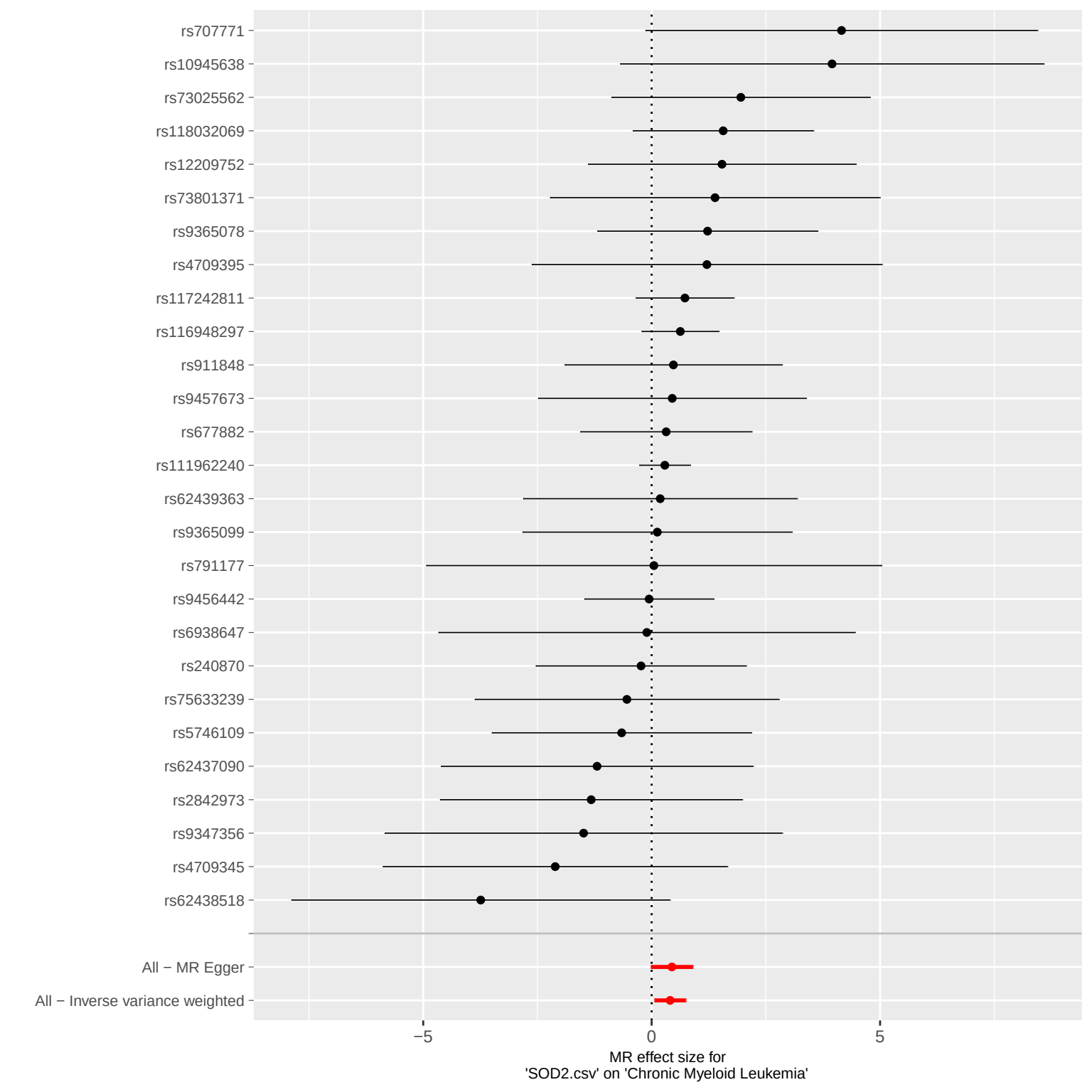
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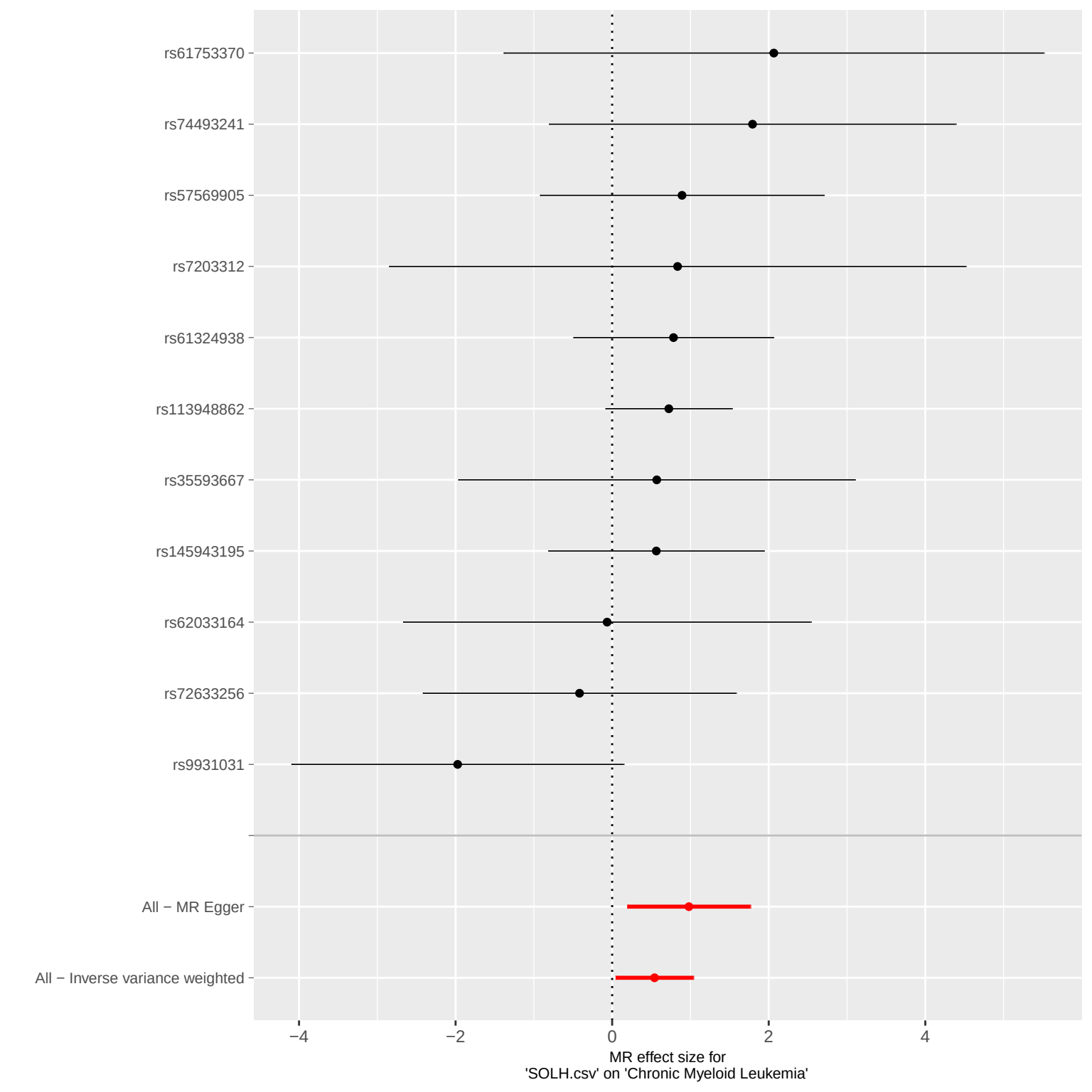
rs791177
rs9456442
rs6938647
rs240870
rs75633239
rs5746109
rs62437090
rs2842973
rs9347356
rs4709345
rs62438518
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SOD2.csv' on 'Chronic Myeloid Leukemia'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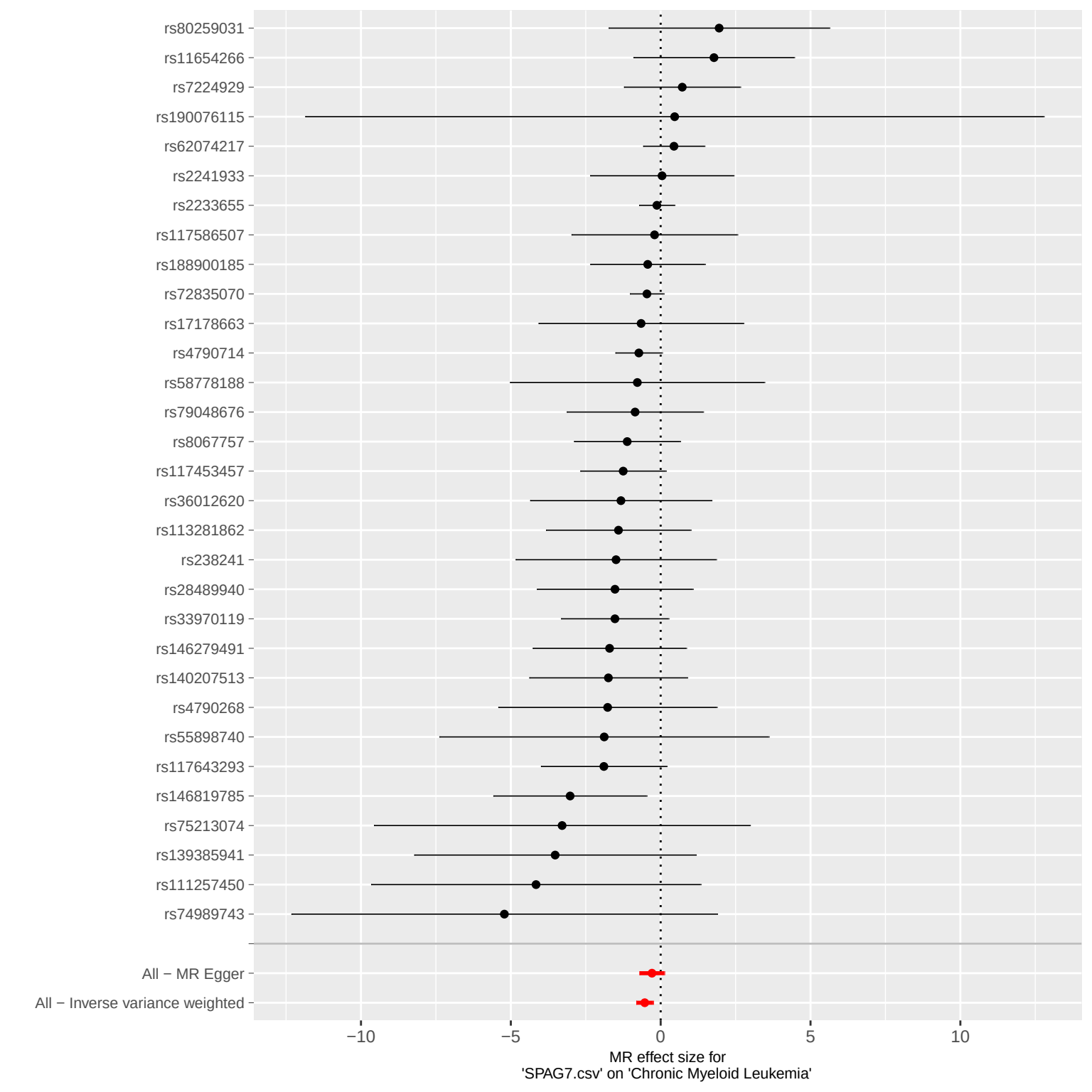
rs7203312
rs61324938
rs113948862
rs35593667
rs145943195
rs62033164
rs72633256
rs9931031
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'SOLH.csv' on 'Chronic Myeloid Leukemia'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rs58778188
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rs8067757
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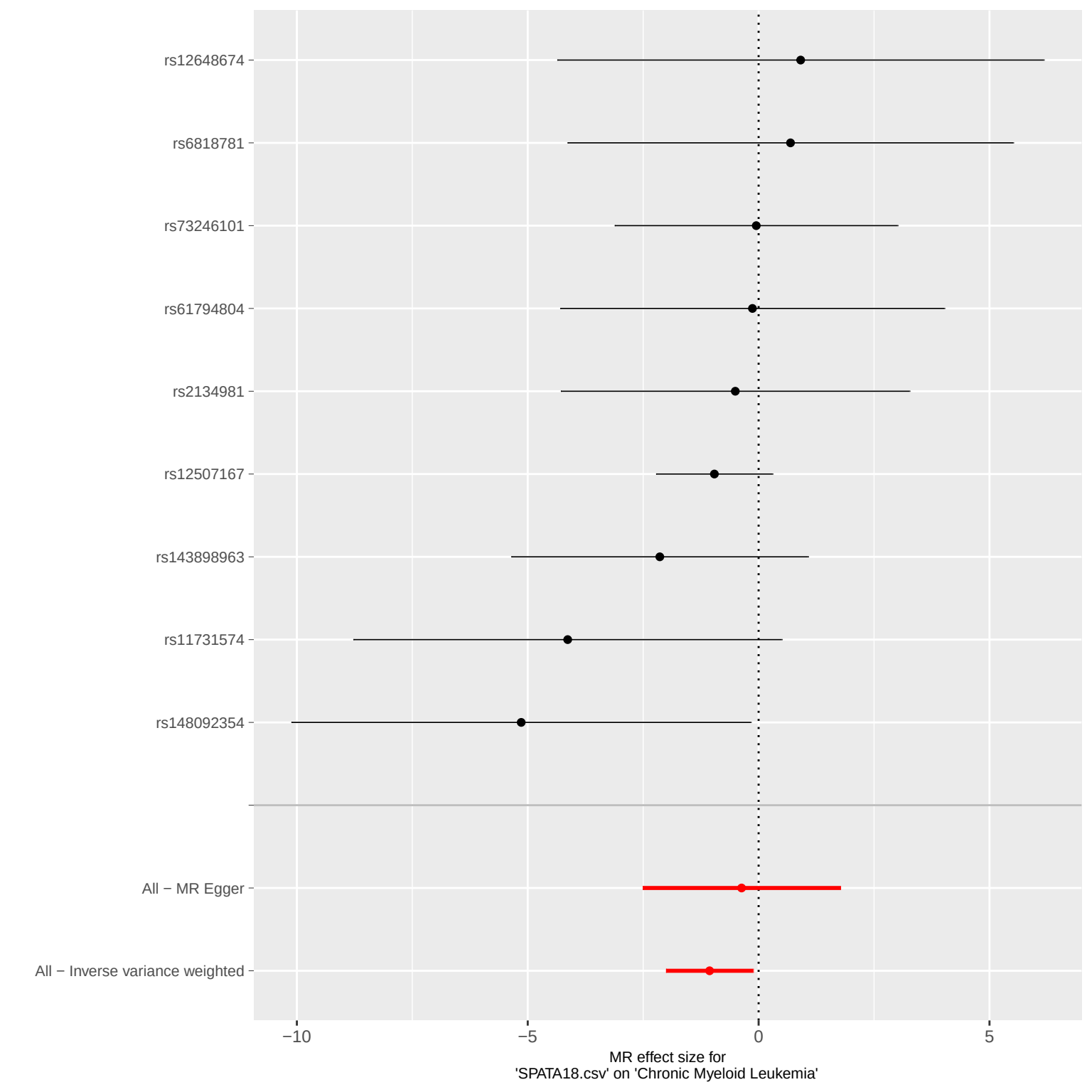
rs238241
rs28489940
rs33970119
rs146279491
rs140207513
rs4790268
rs55898740
rs117643293
rs146819785
rs75213074
rs139385941
rs111257450
rs74989743
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SPAG7.csv' on 'Chronic Myeloid Leukemia'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rs2134981
rs12507167
rs143898963
rs11731574
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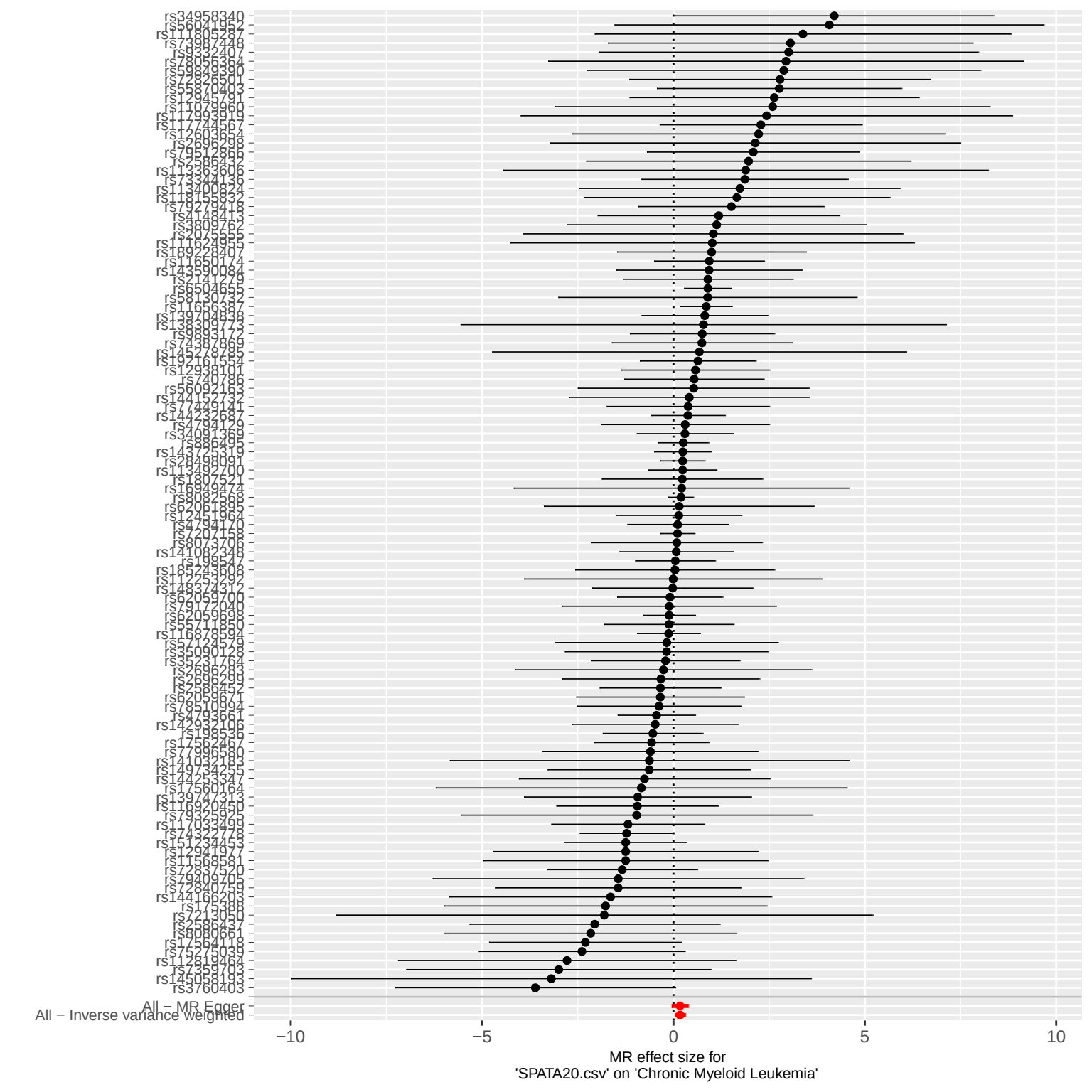
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SPATA18.csv' on 'Chronic Myeloid Leukemia'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rs143590084
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rs175388
rs7734457
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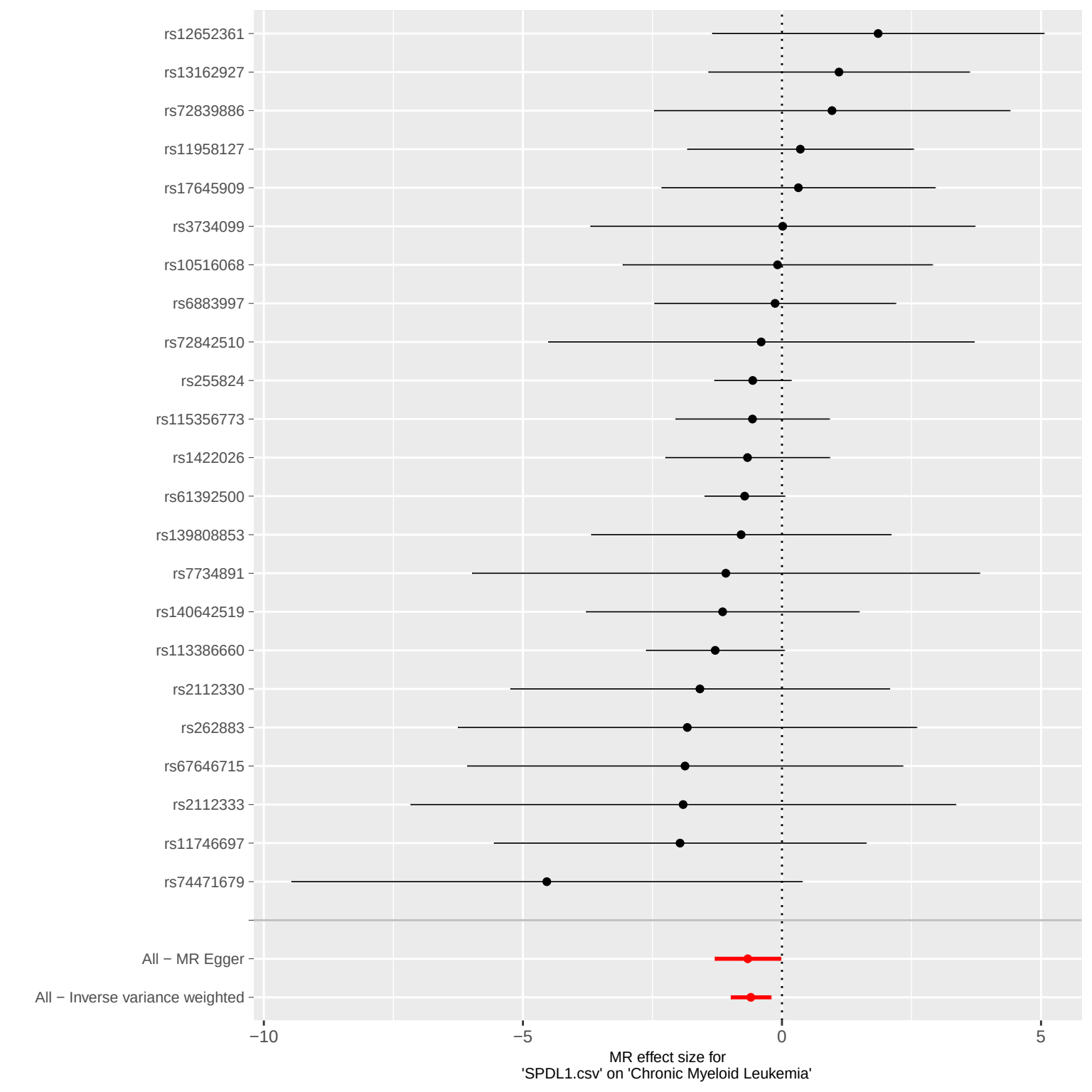
rs9080661
rs17564118
rs75275039
rs112819464
rs7359703
rs145058193
rs3760403
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SPATA20.csv' on 'Chronic Myeloid Leukemia'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rs139808853
rs7734891
rs140642519
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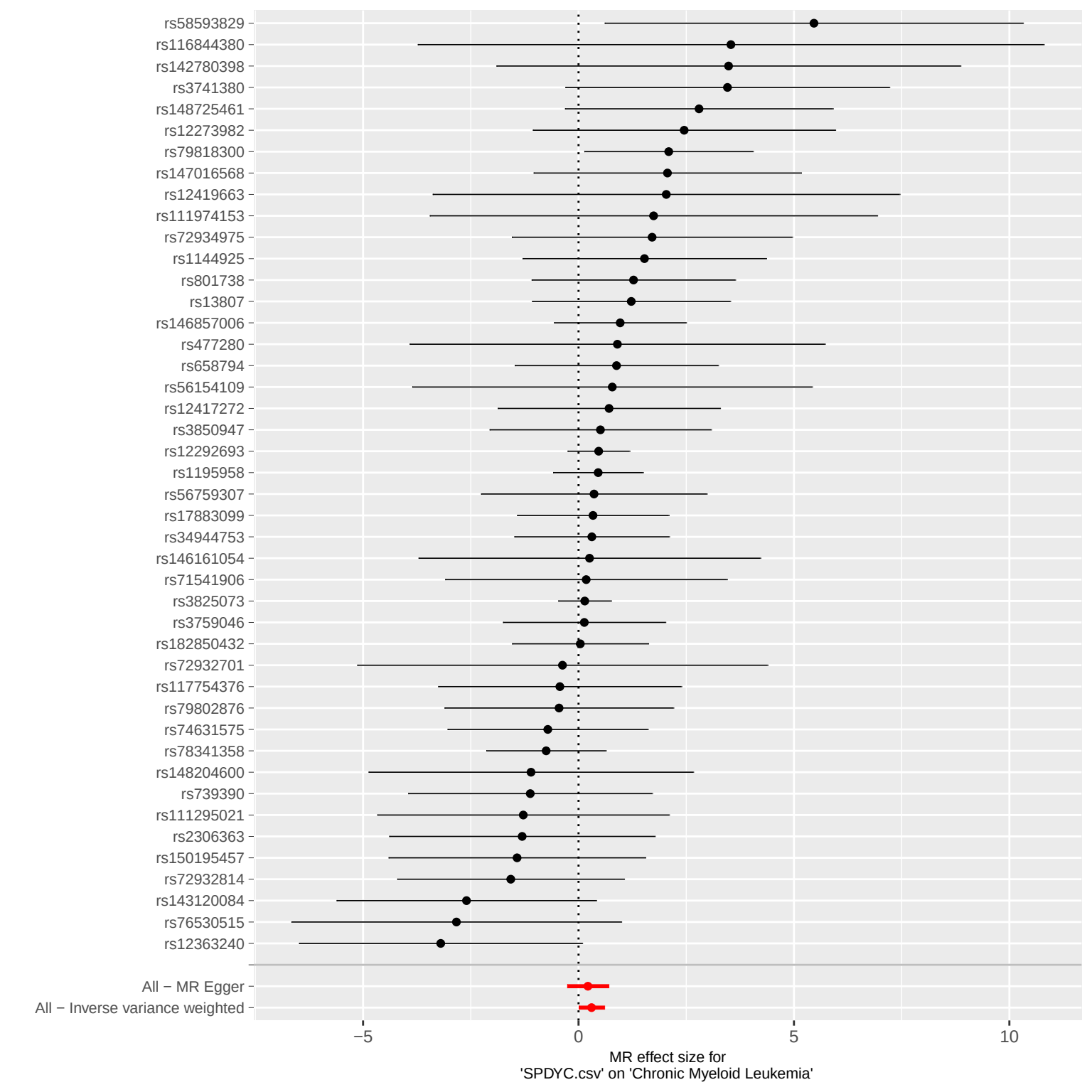
rs2112330
rs262883
rs67646715
rs2112333
rs11746697
rs74471679
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SPDL1.csv' on 'Chronic Myeloid Leukemia'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rs72934975
rs1144925
rs801738
rs13807
rs146857006
rs477280
rs658794
rs56154109
rs12417272
rs3850947
rs12292693
rs1195958
rs56759307
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rs78341358
rs148204600
rs739390
rs111295021
rs2306363
rs150195457
rs72932814
rs143120084
rs76530515
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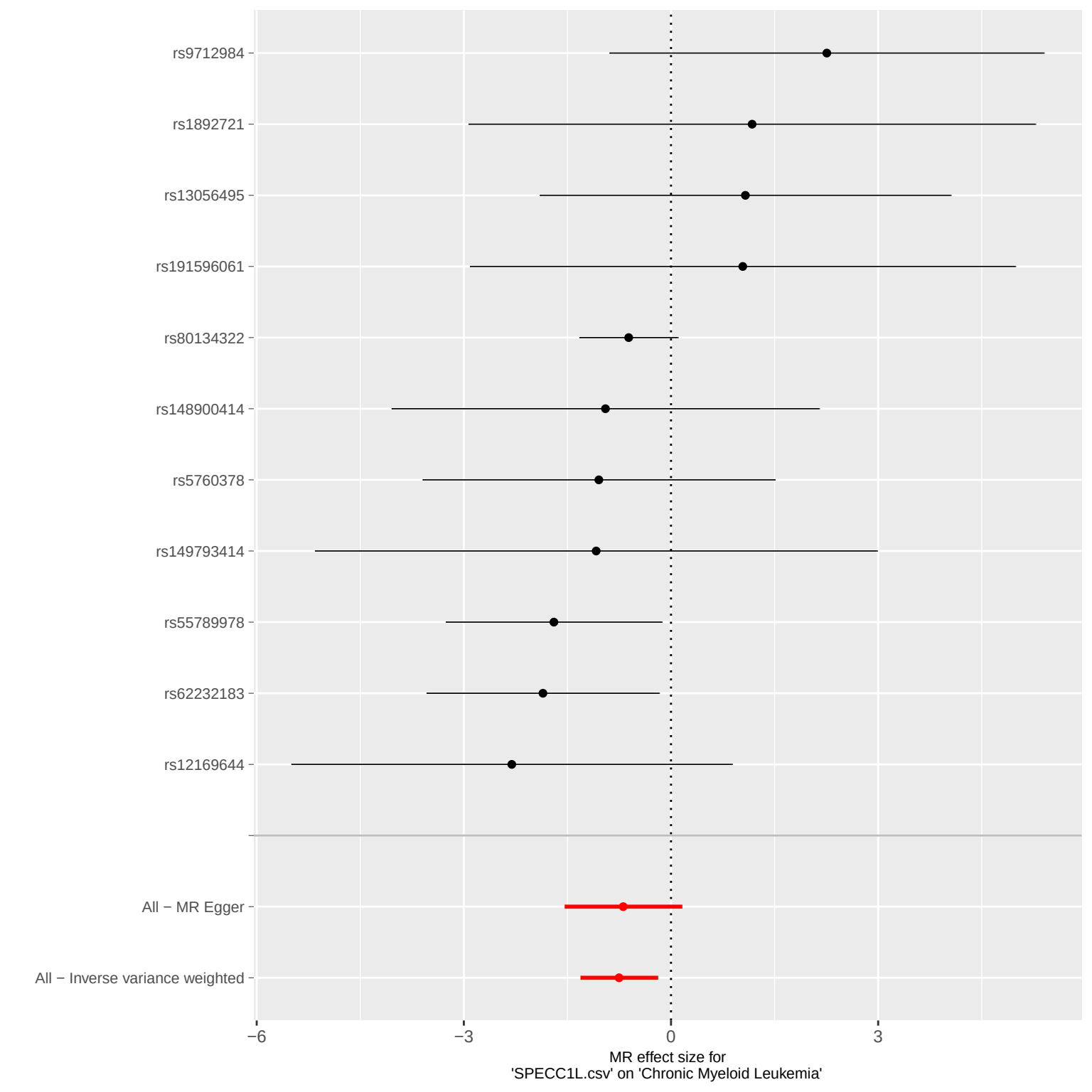
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SPDYC.csv' on 'Chronic Myeloid Leukemia'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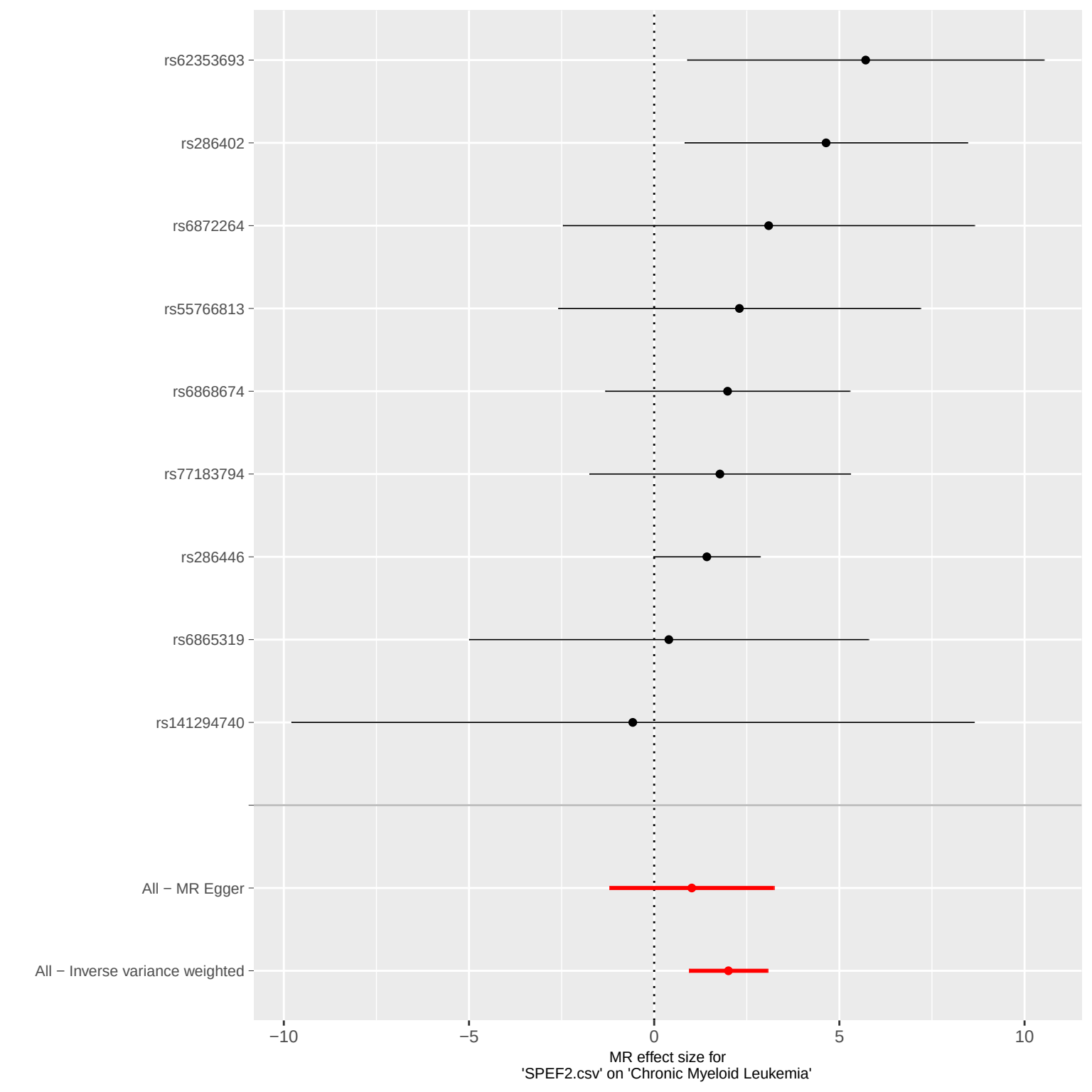
rs191596061
rs80134322
rs148900414
rs5760378
rs149793414
rs55789978
rs62232183
rs12169644
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'SPECC1L.csv' on 'Chronic Myeloid Leukemia'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rs286402
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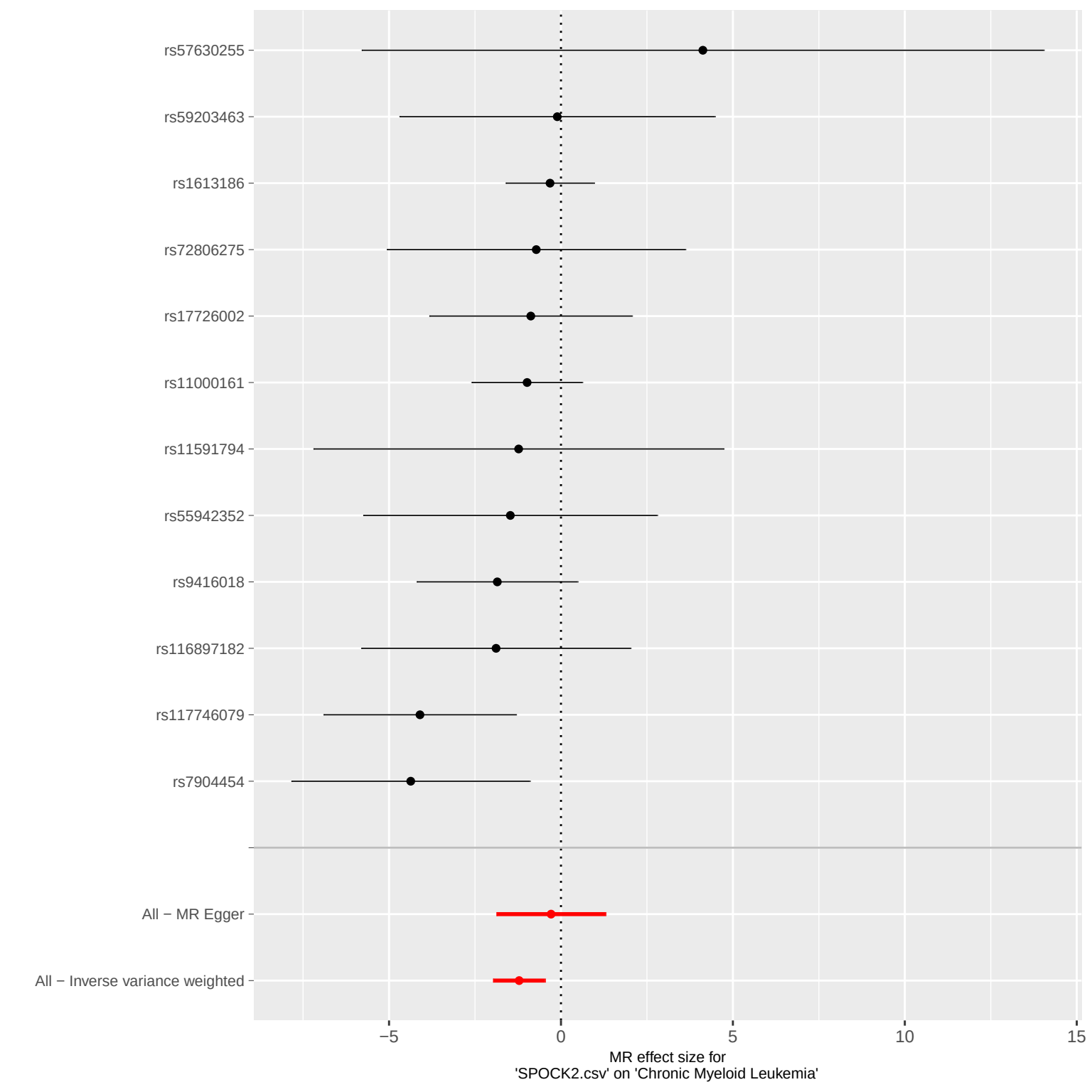
rs55766813
rs6868674
rs77183794
rs286446
rs6865319
rs141294740
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SPEF2.csv' on 'Chronic Myeloid Leukemia'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rs117746079
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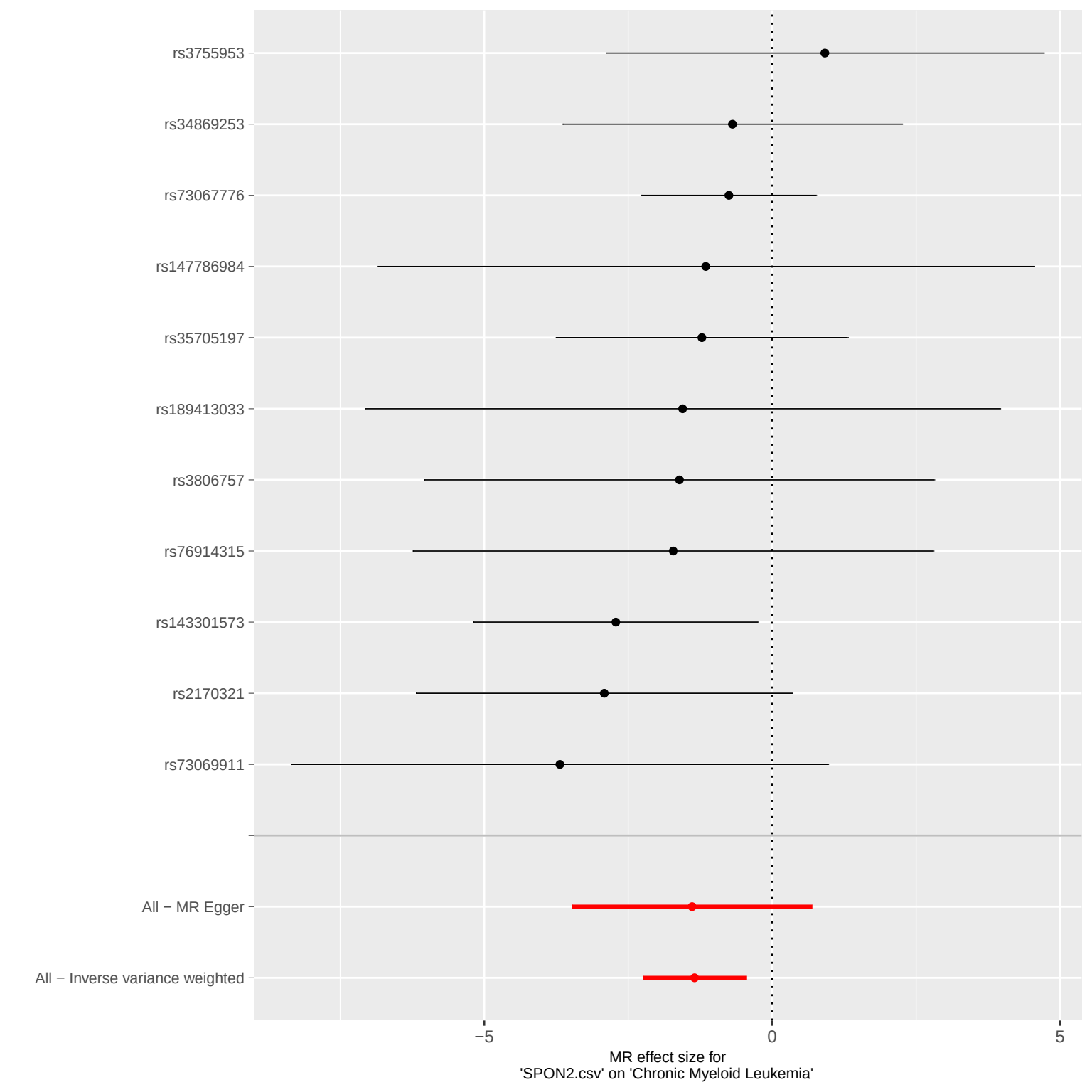
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'SPOCK2.csv' on 'Chronic Myeloid Leukemia'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rs143301573
rs2170321
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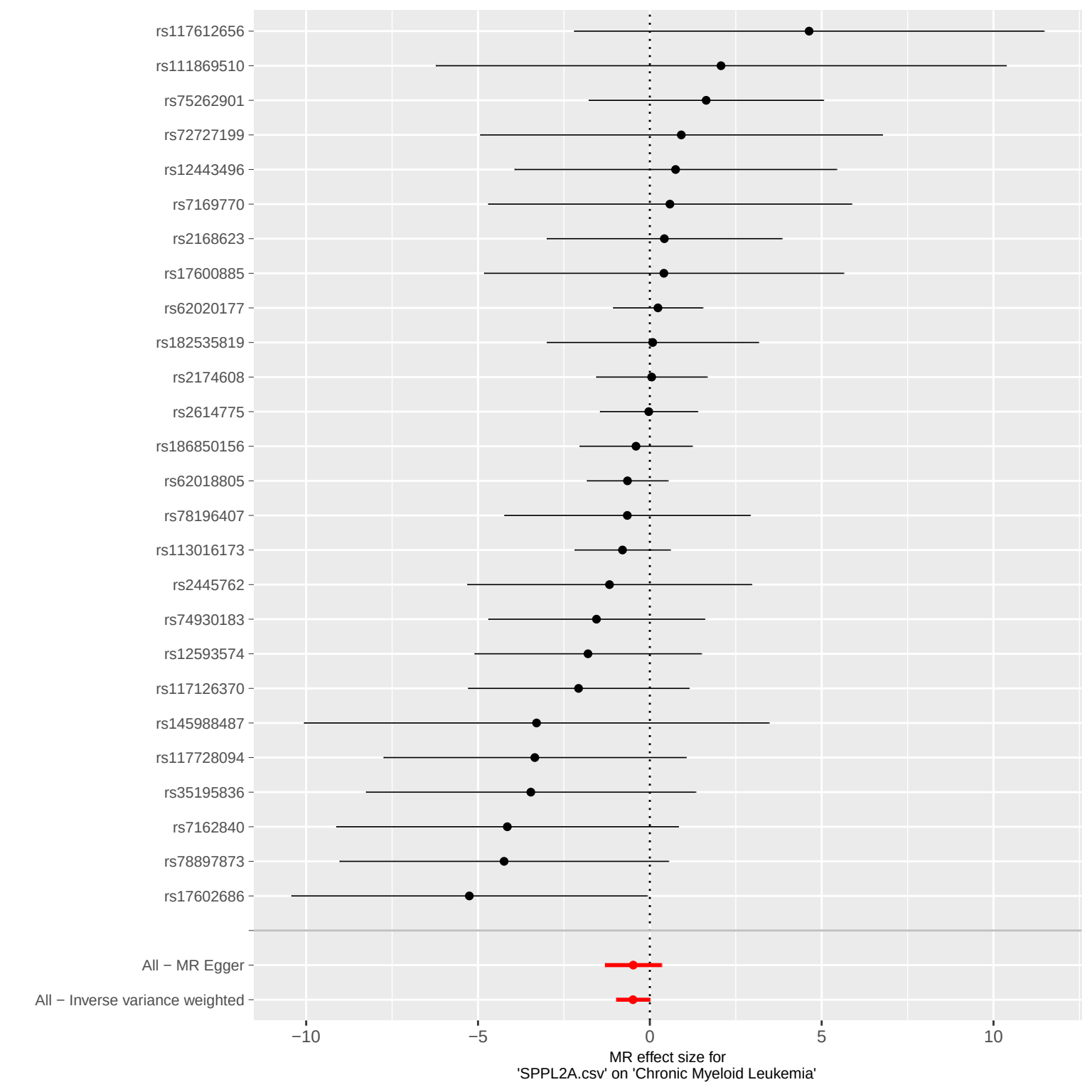
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SPON2.csv' on 'Chronic Myeloid Leukemia'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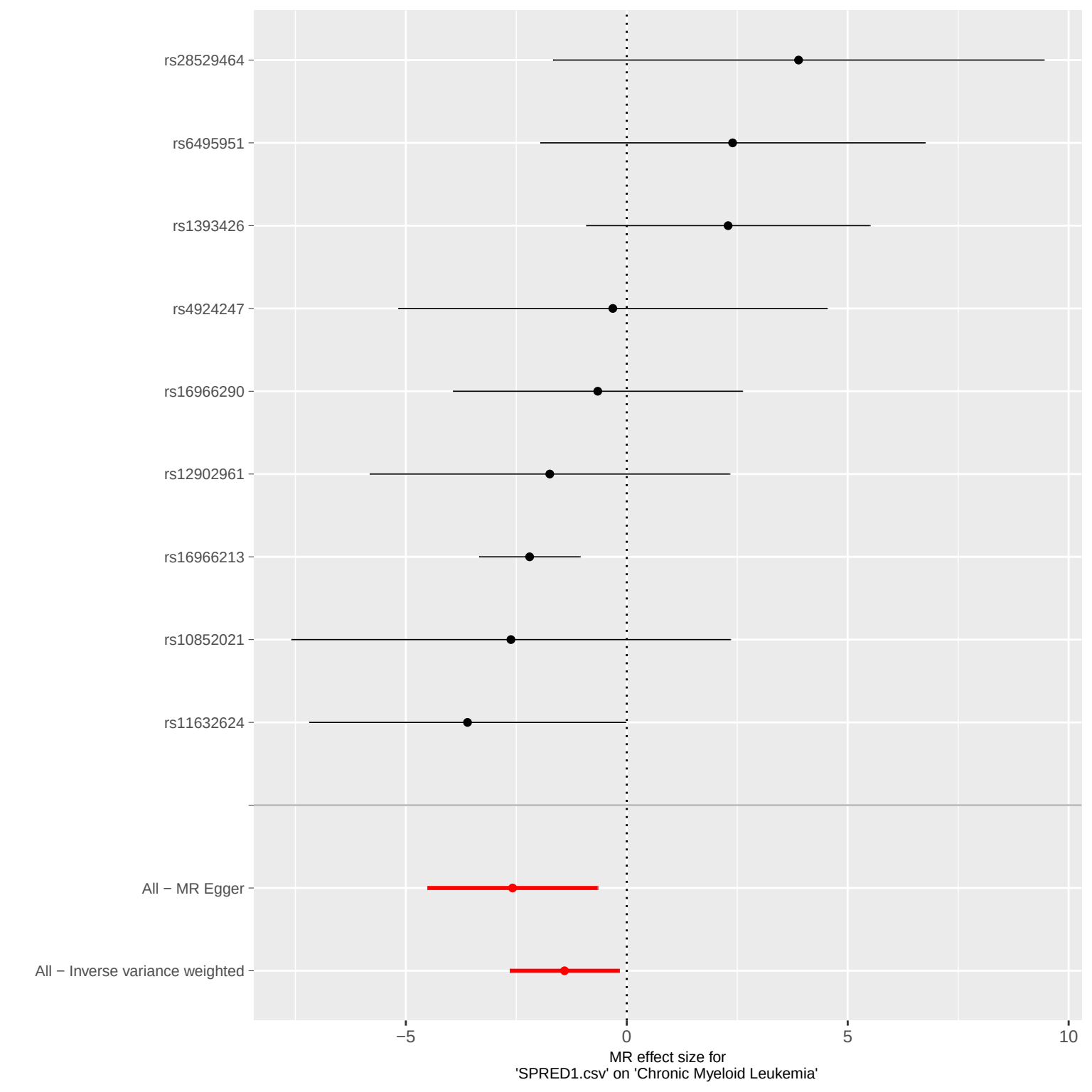
rs62018805
rs78196407
rs113016173
rs2445762
rs74930183
rs12593574
rs117126370
rs145988487
rs117728094
rs35195836
rs7162840
rs78897873
rs17602686
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SPPL2A.csv' on 'Chronic Myeloid Leukemia'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rs10852021
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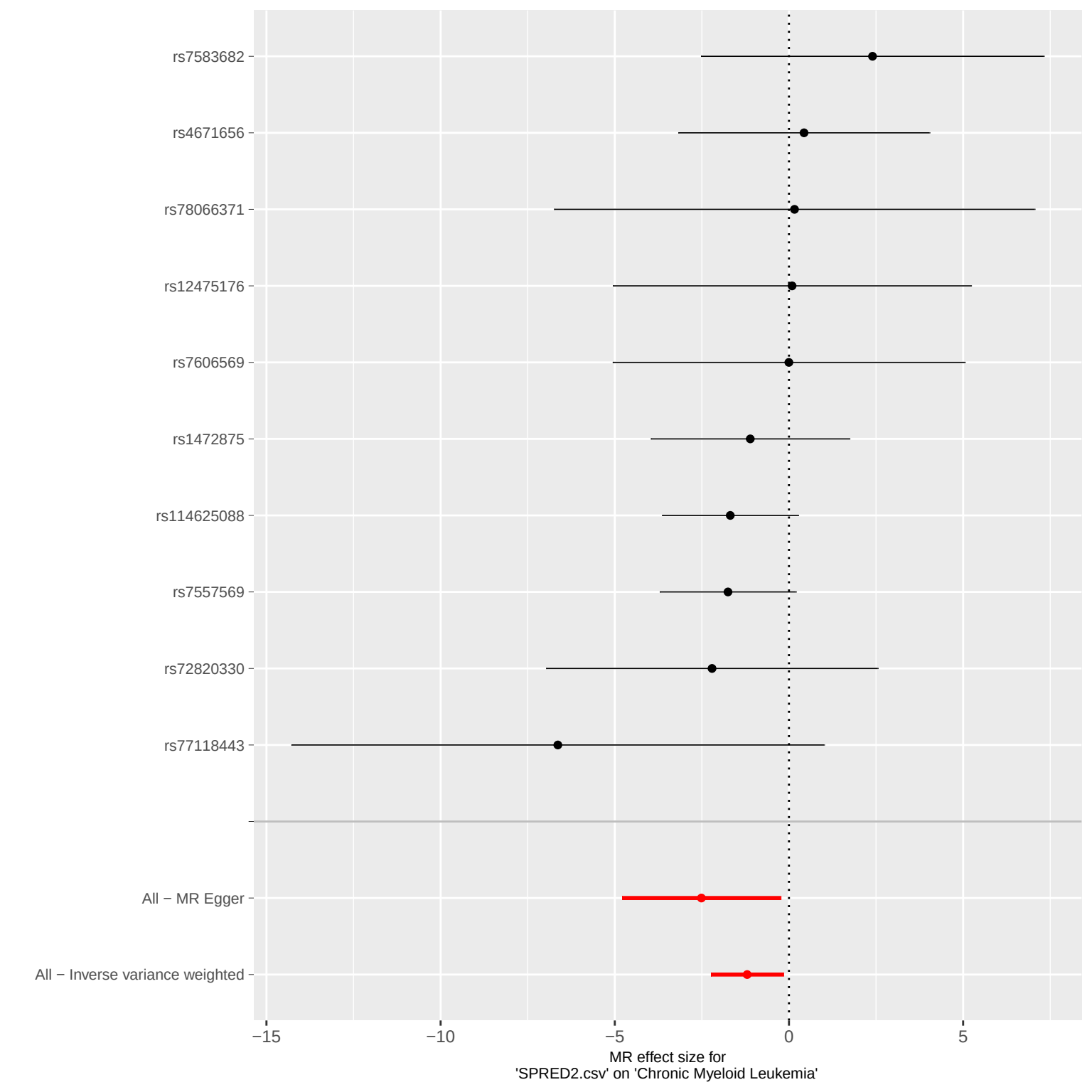
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SPRED1.csv' on 'Chronic Myeloid Leukemia'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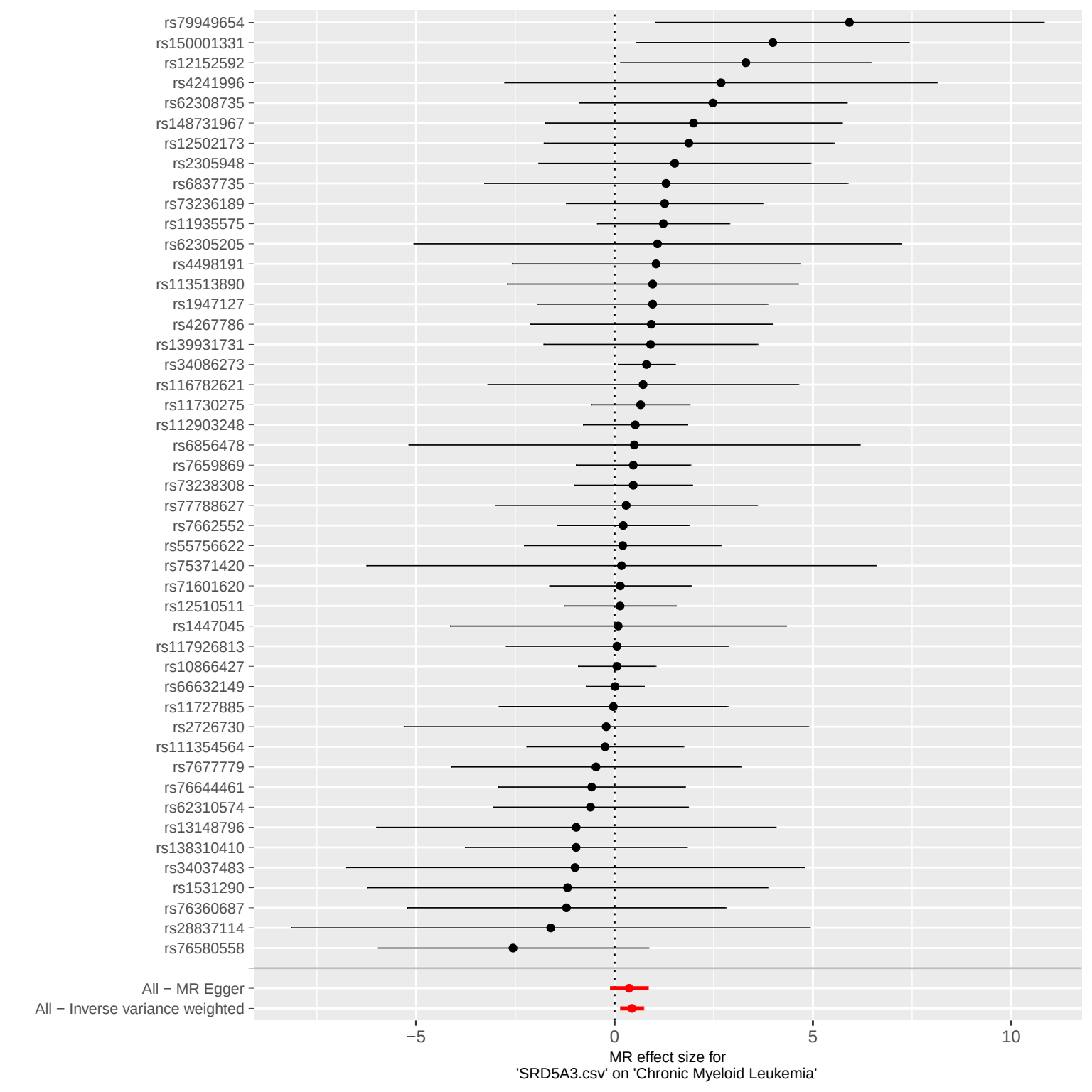
rs1472875
rs114625088
rs7557569
rs72820330
rs77118443
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
MR effect size for
'SPRED2.csv' on 'Chronic Myeloid Leukemia'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rs12510511
rs1447045
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rs76644461
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rs138310410
rs34037483
rs1531290
rs76360687
rs28837114
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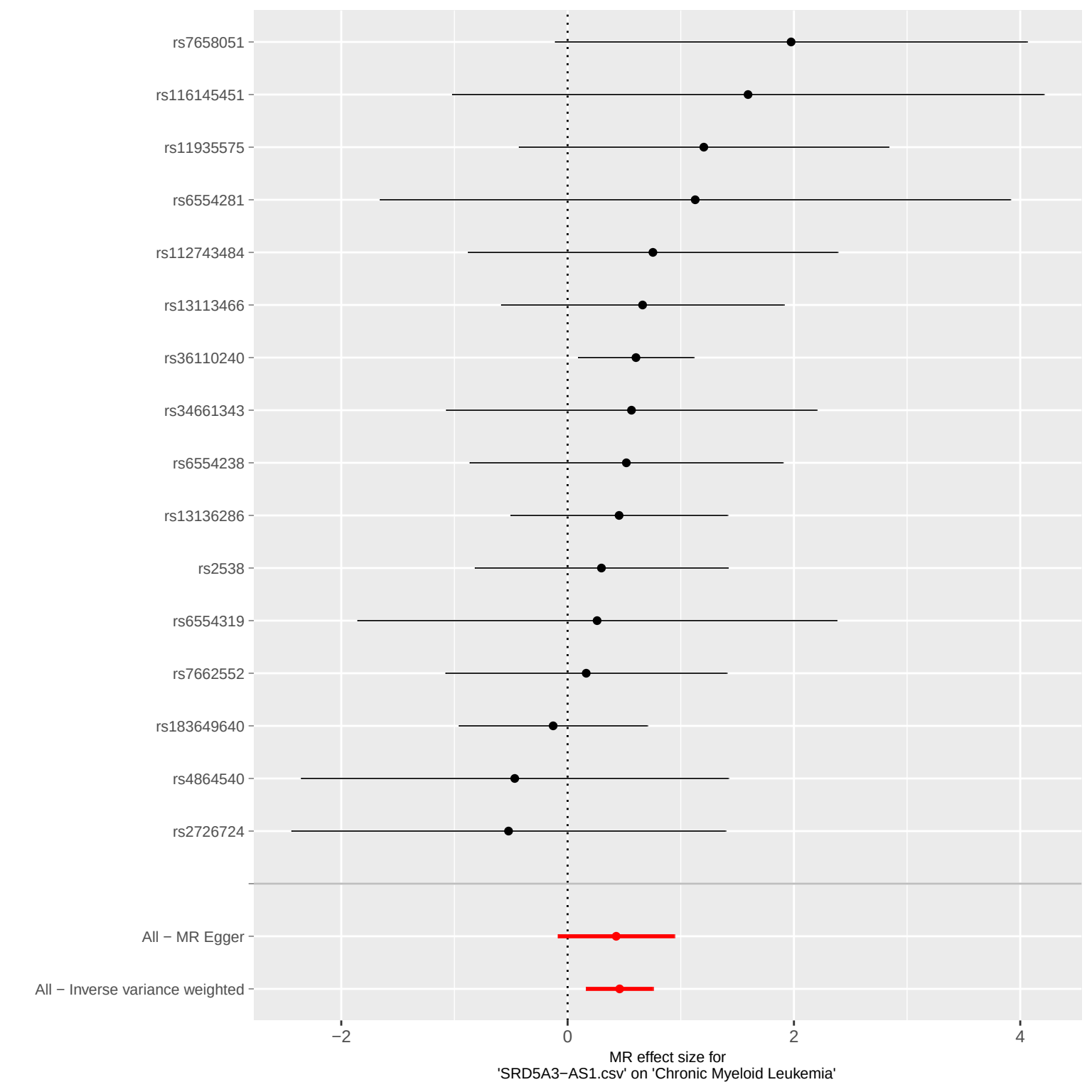
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SRD5A3.csv' on 'Chronic Myeloid Leukemia'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rs6554238
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rs2538
rs6554319
rs7662552
rs183649640
rs4864540
rs2726724
All − MR Egger
All − Inverse variance weighted
−2
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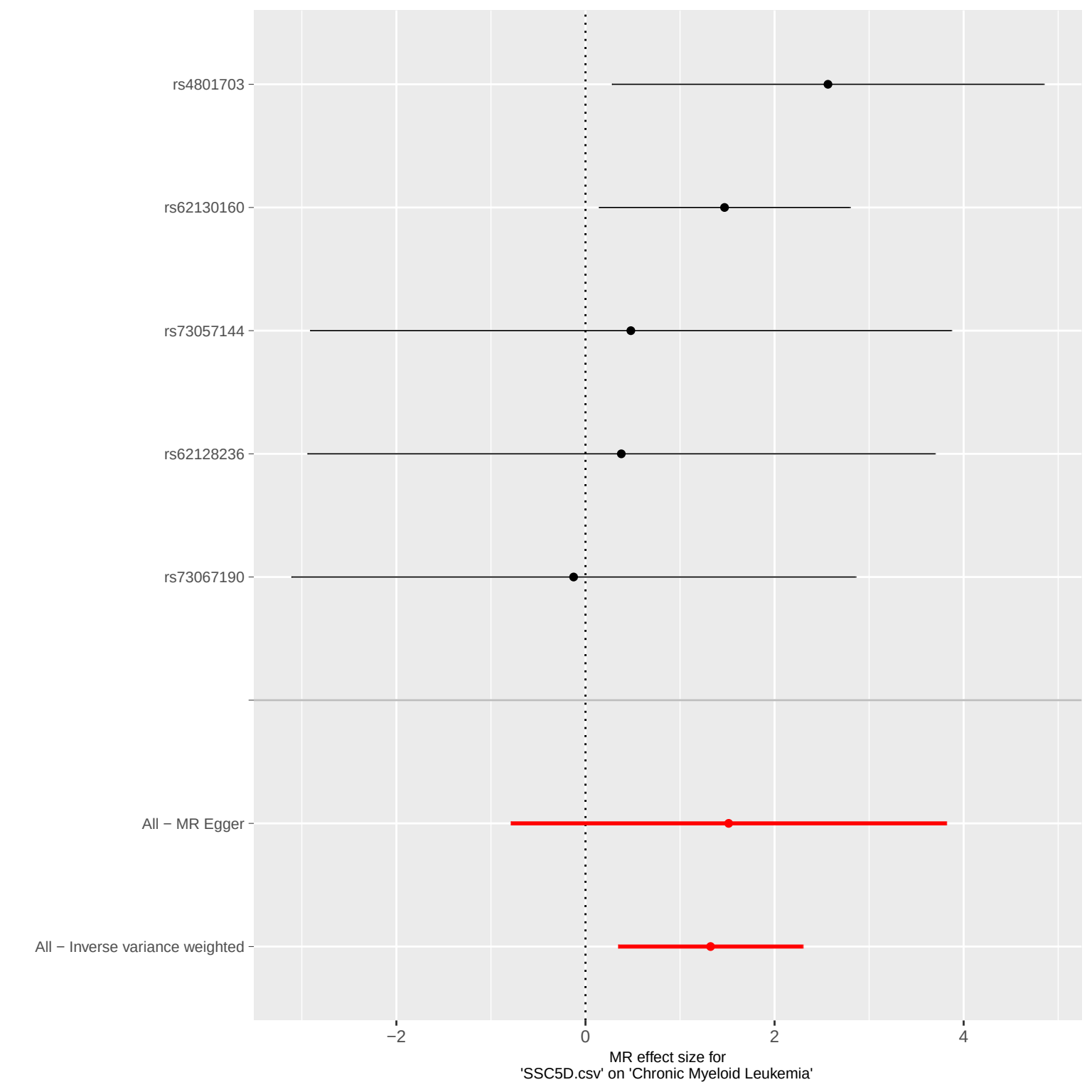
2
4
MR effect size for
'SRD5A3−AS1.csv' on 'Chronic Myeloid Leukemia'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rs62128236
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All − MR Egger
All − Inverse variance weighted
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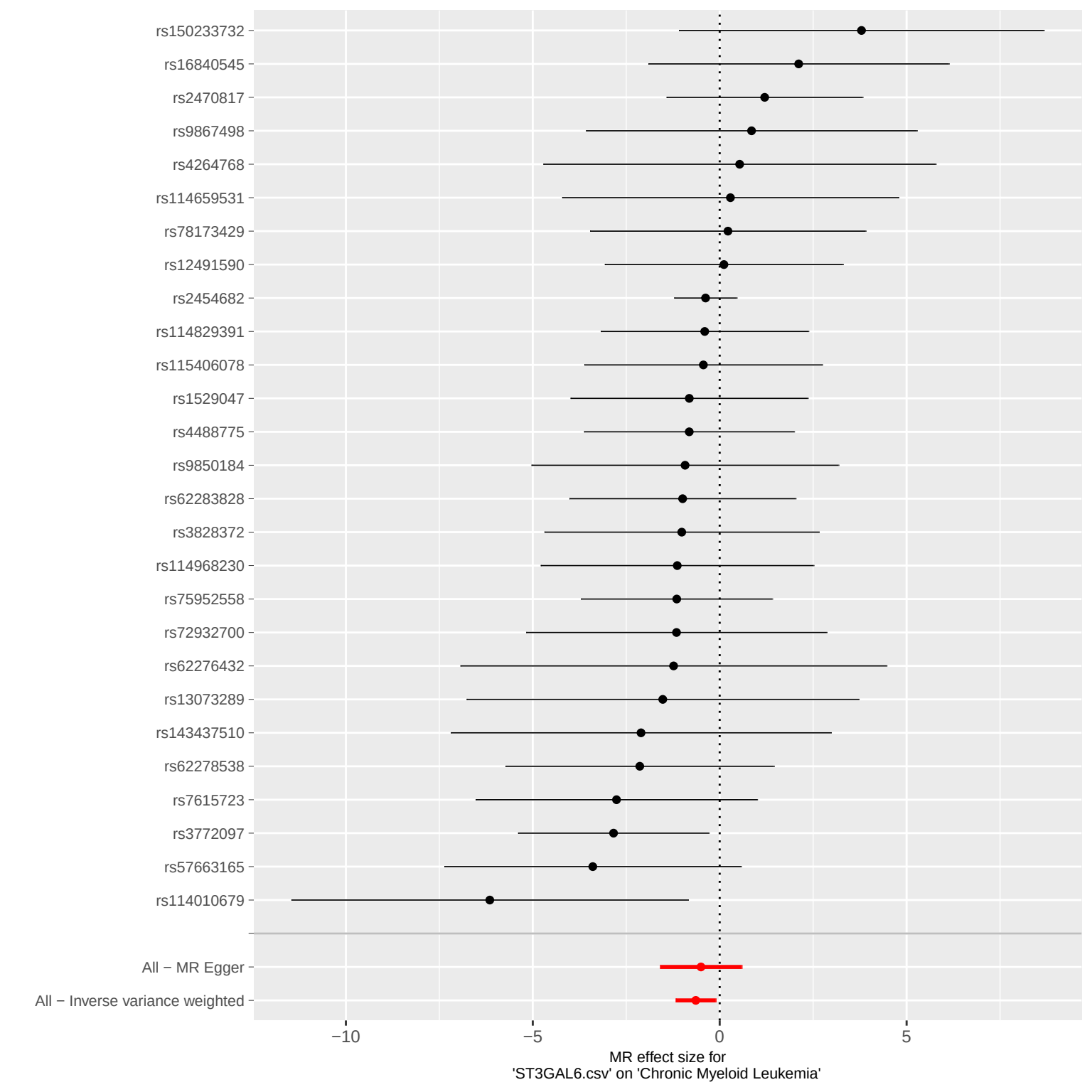
4
MR effect size for
'SSC5D.csv' on 'Chronic Myeloid Leukemia'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rs72932700
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rs57663165
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All − MR Egger
All − Inverse variance weighted
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−5
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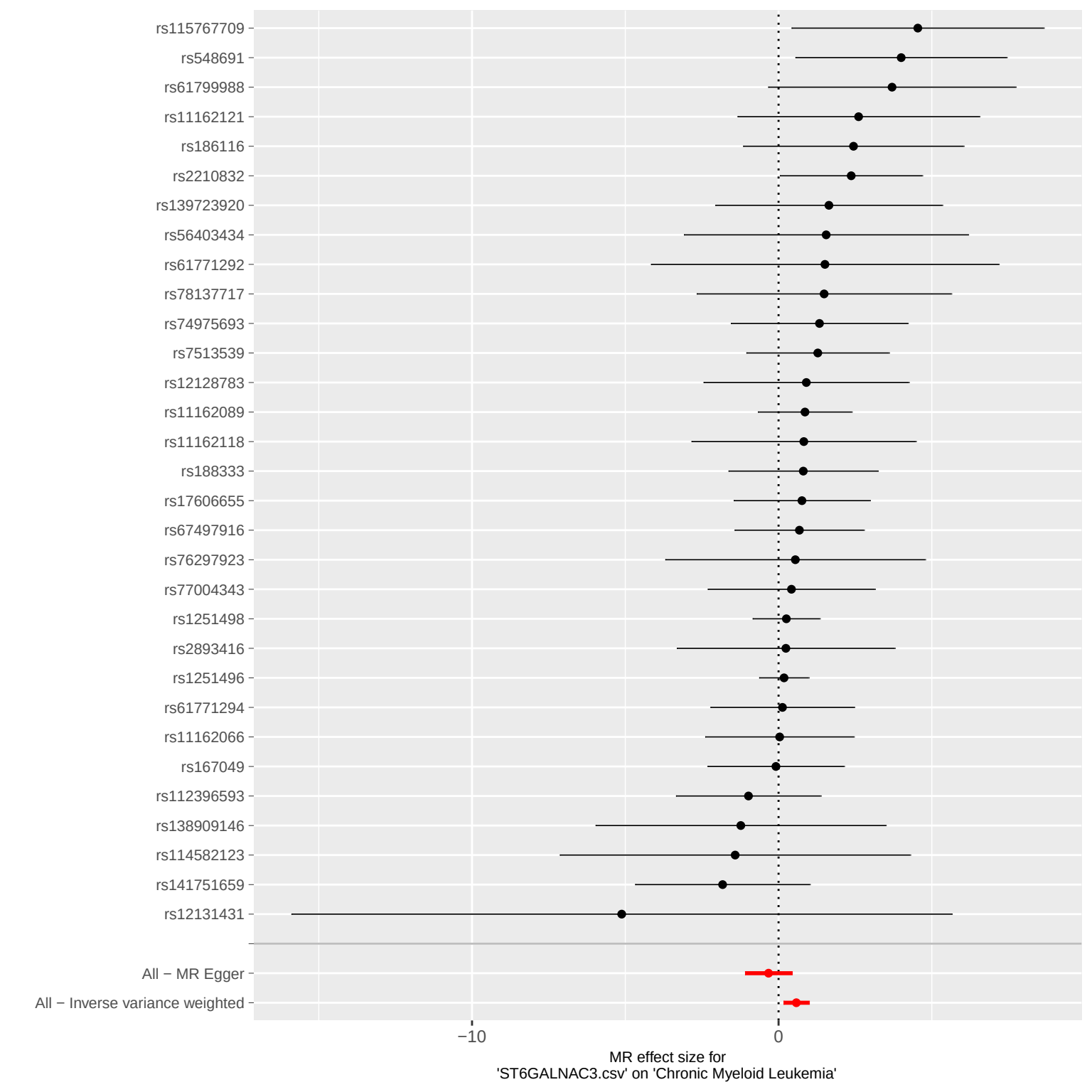
MR effect size for
'ST3GAL6.csv' on 'Chronic Myeloid Leukemia'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rs11162089
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rs1251496
rs61771294
rs11162066
rs167049
rs112396593
rs138909146
rs114582123
rs141751659
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All − MR Egger
All − Inverse variance weighted
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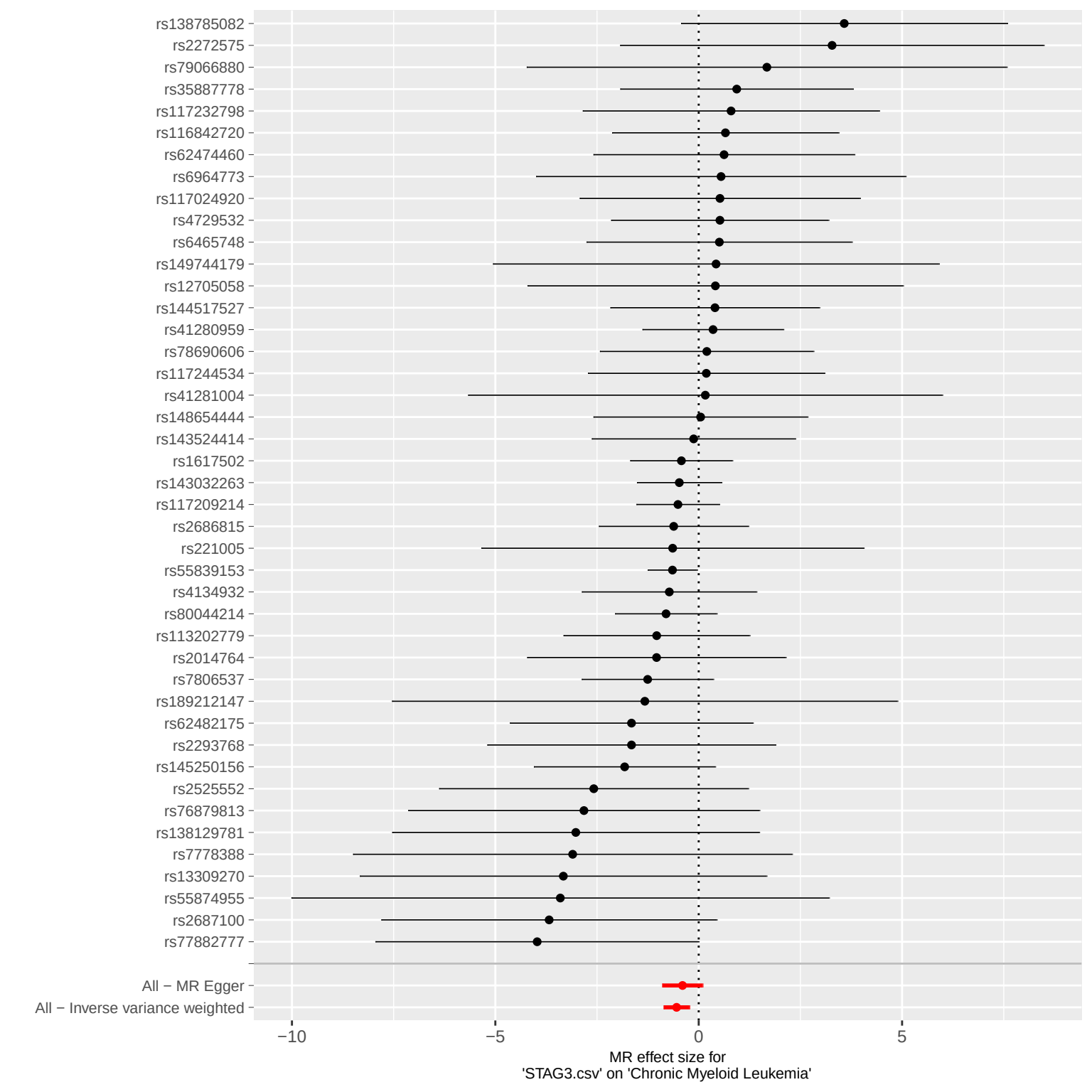
0
MR effect size for
'ST6GALNAC3.csv' on 'Chronic Myeloid Leukemia'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rs2687100
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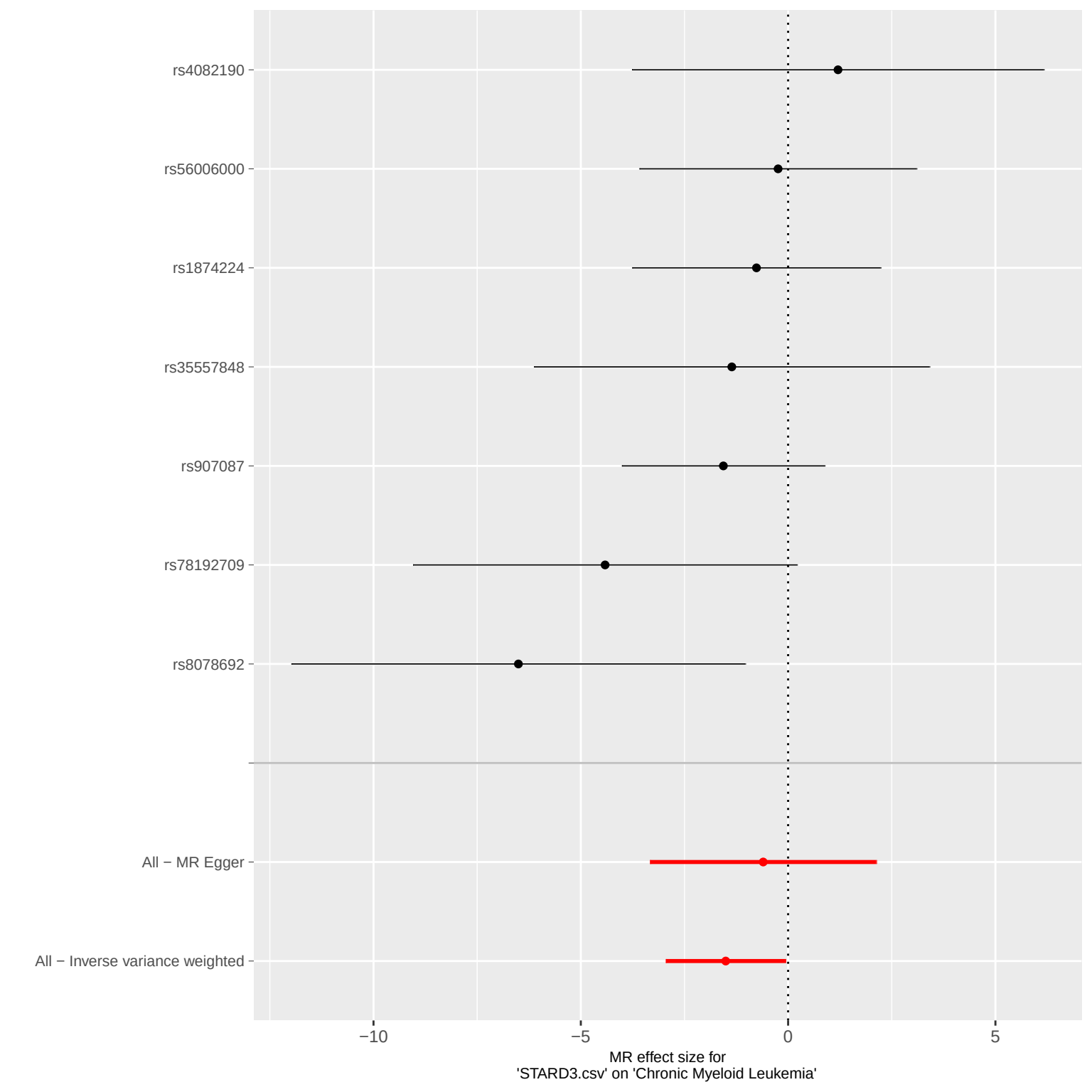
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'STAG3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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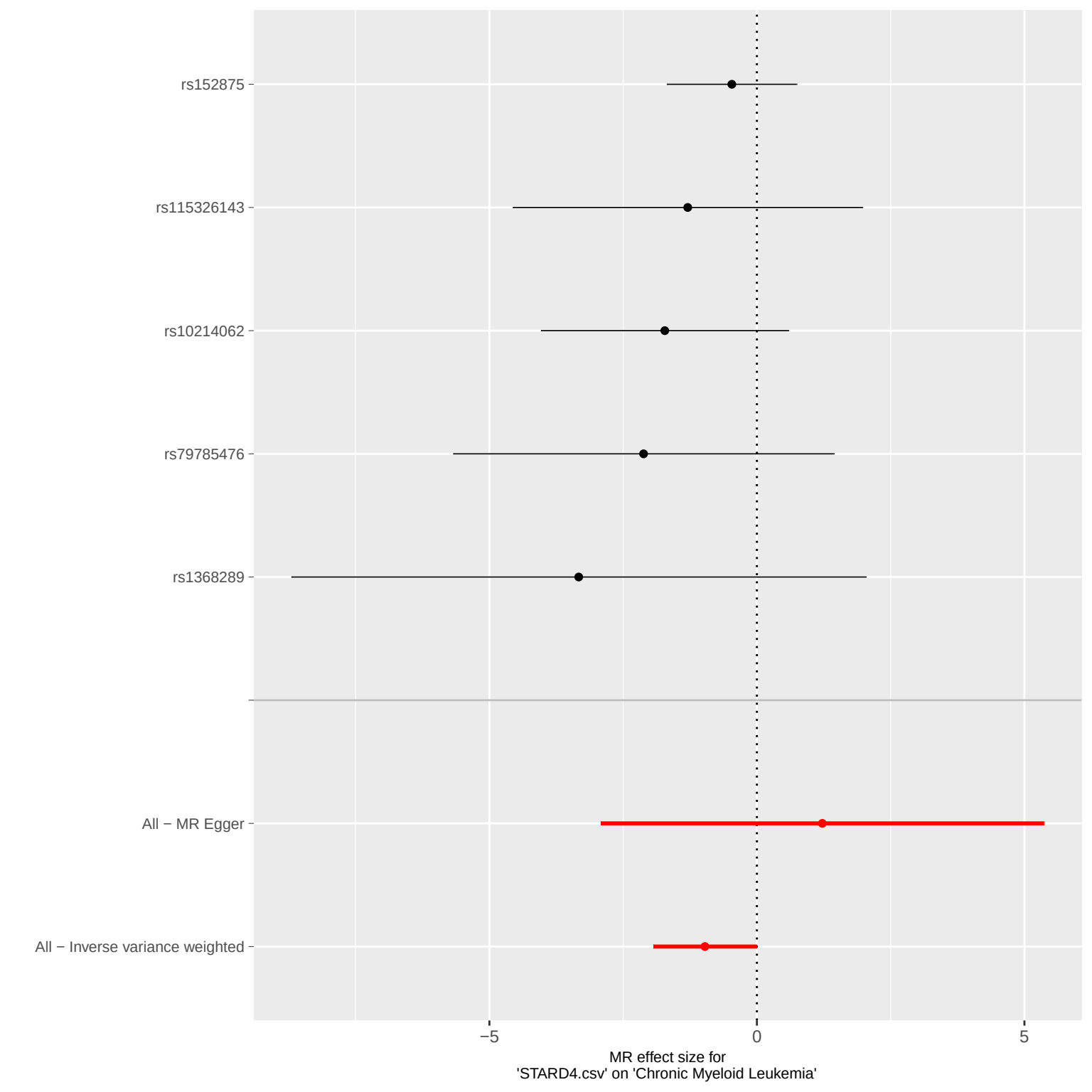
MR effect size for
'STARD3.csv' on 'Chronic Myeloid Leukemia'


rs152875
rs115326143
rs10214062
rs79785476
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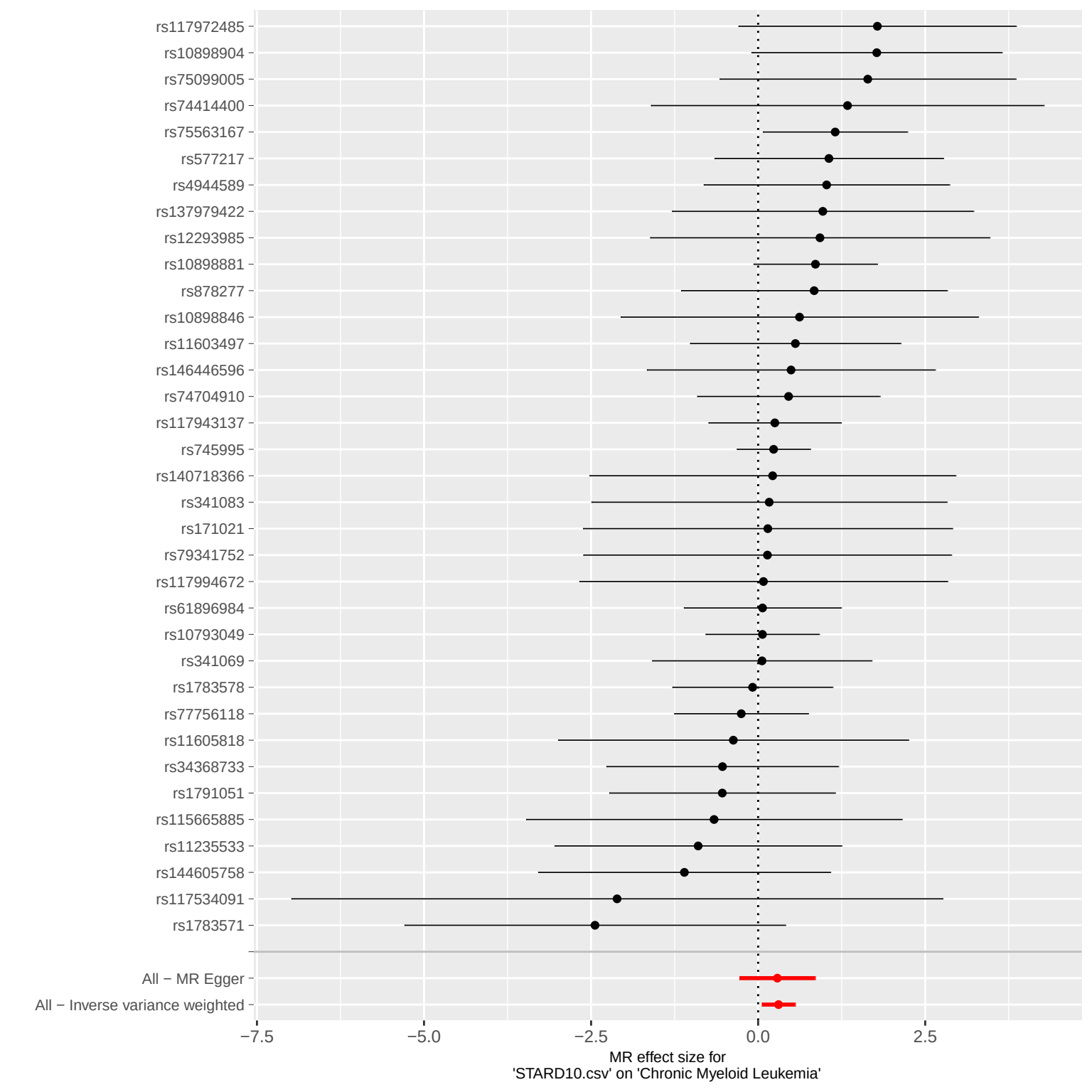
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'STARD4.csv' on 'Chronic Myeloid Leukemia'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rs77756118
rs11605818
rs34368733
rs1791051
rs115665885
rs11235533
rs144605758
rs117534091
rs1783571
All − MR Egger
All − Inverse variance weighted
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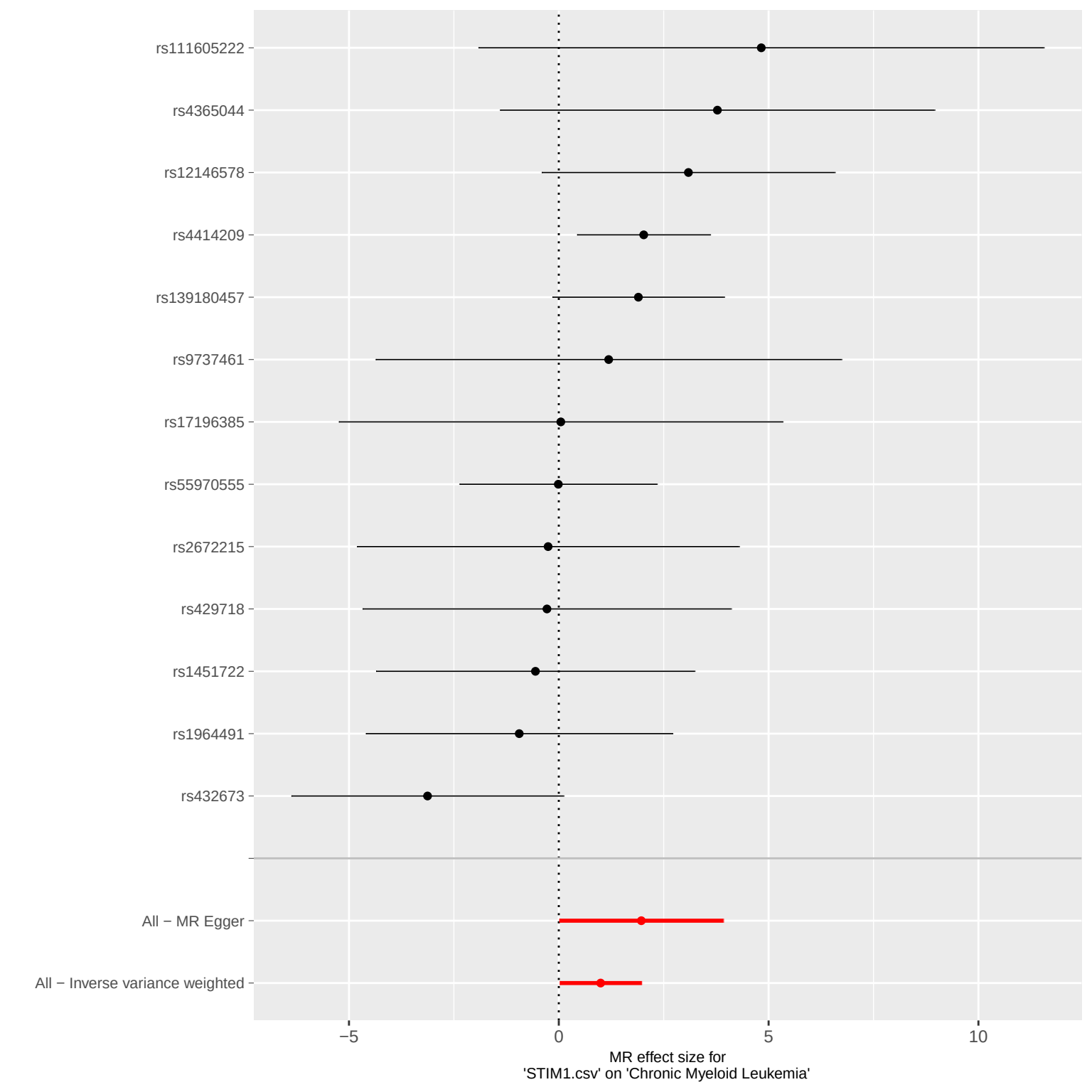
−5.0
−2.5
0.0
2.5
MR effect size for
'STARD10.csv' on 'Chronic Myeloid Leukemia'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rs2672215
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rs1451722
rs1964491
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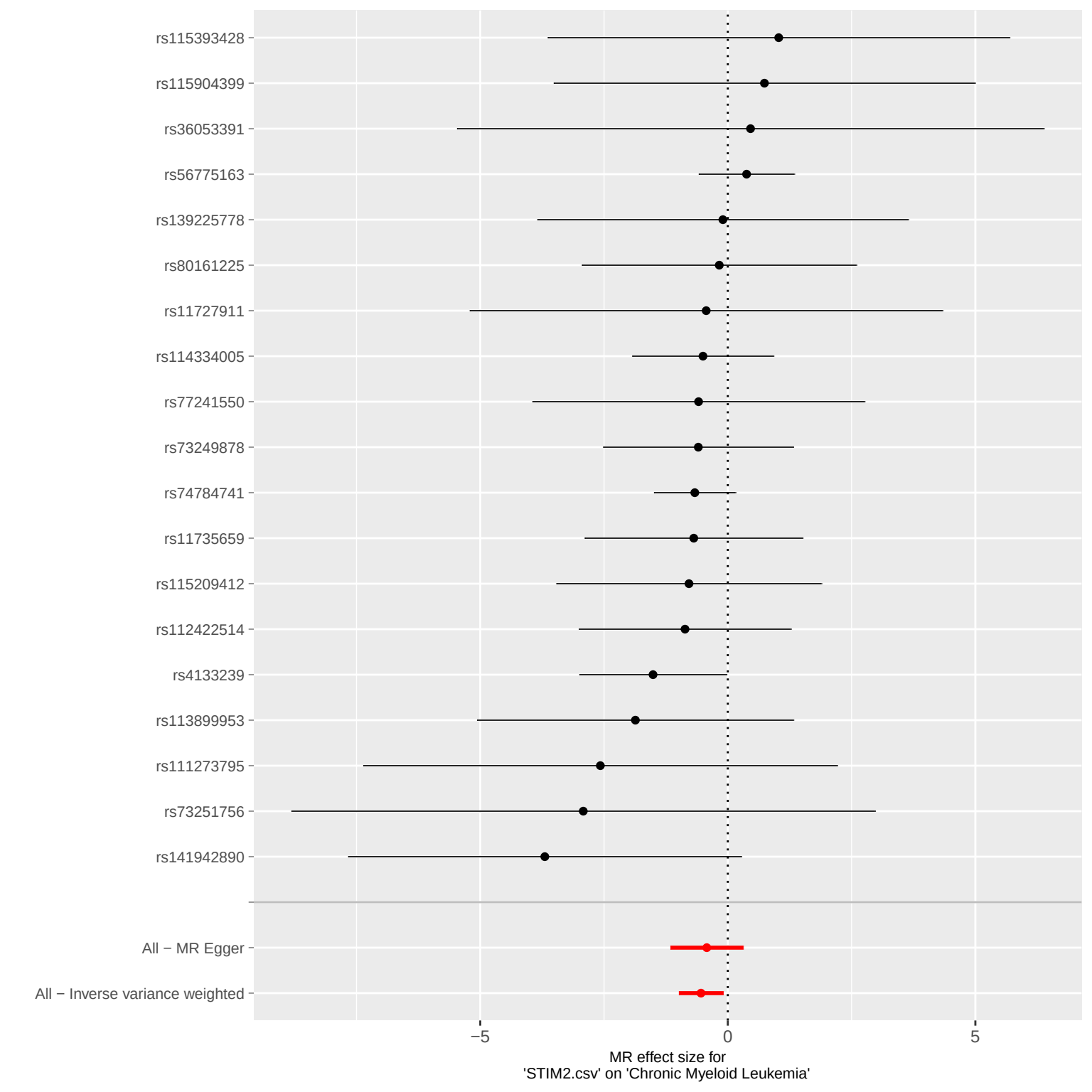
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'STIM1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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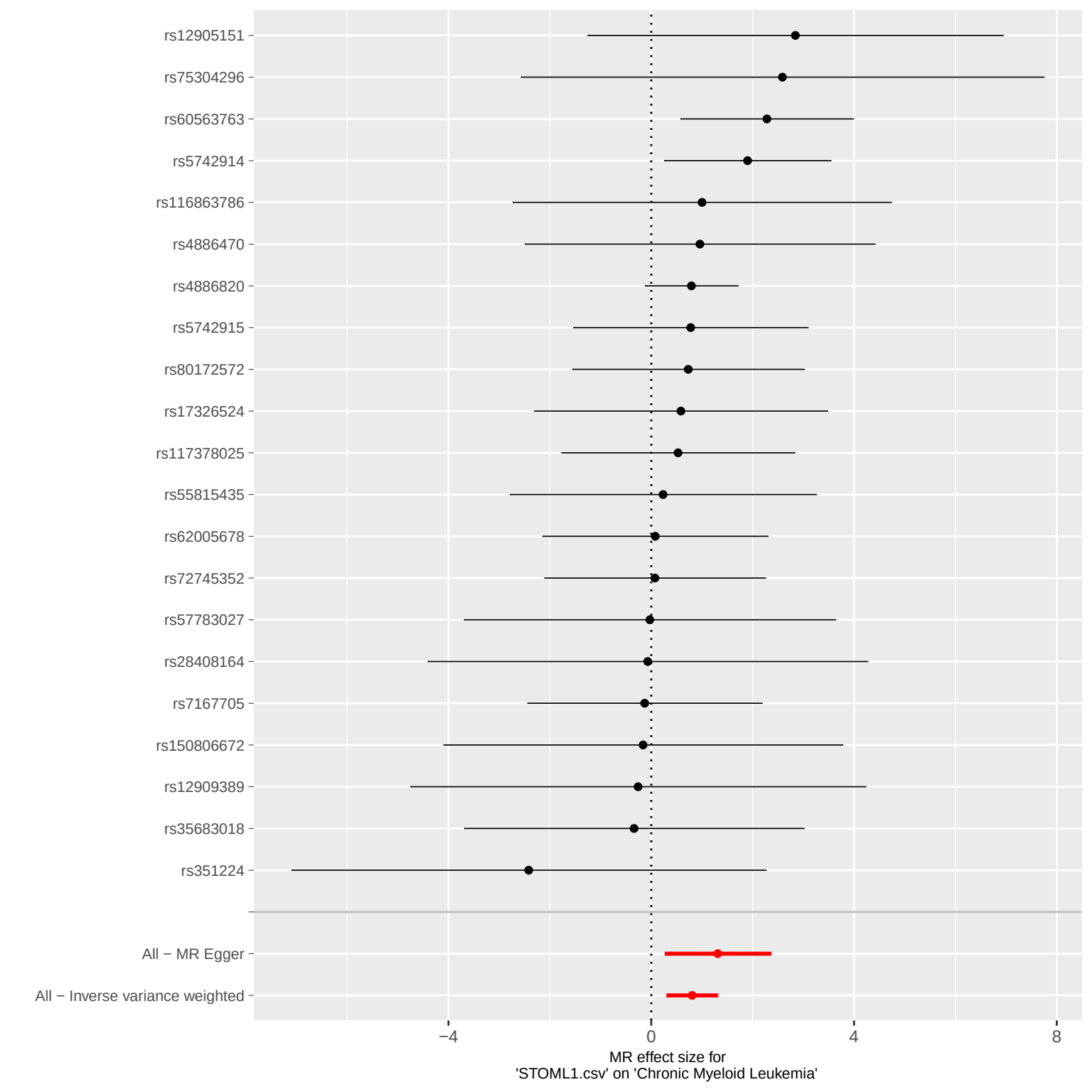
MR effect size for
'STIM2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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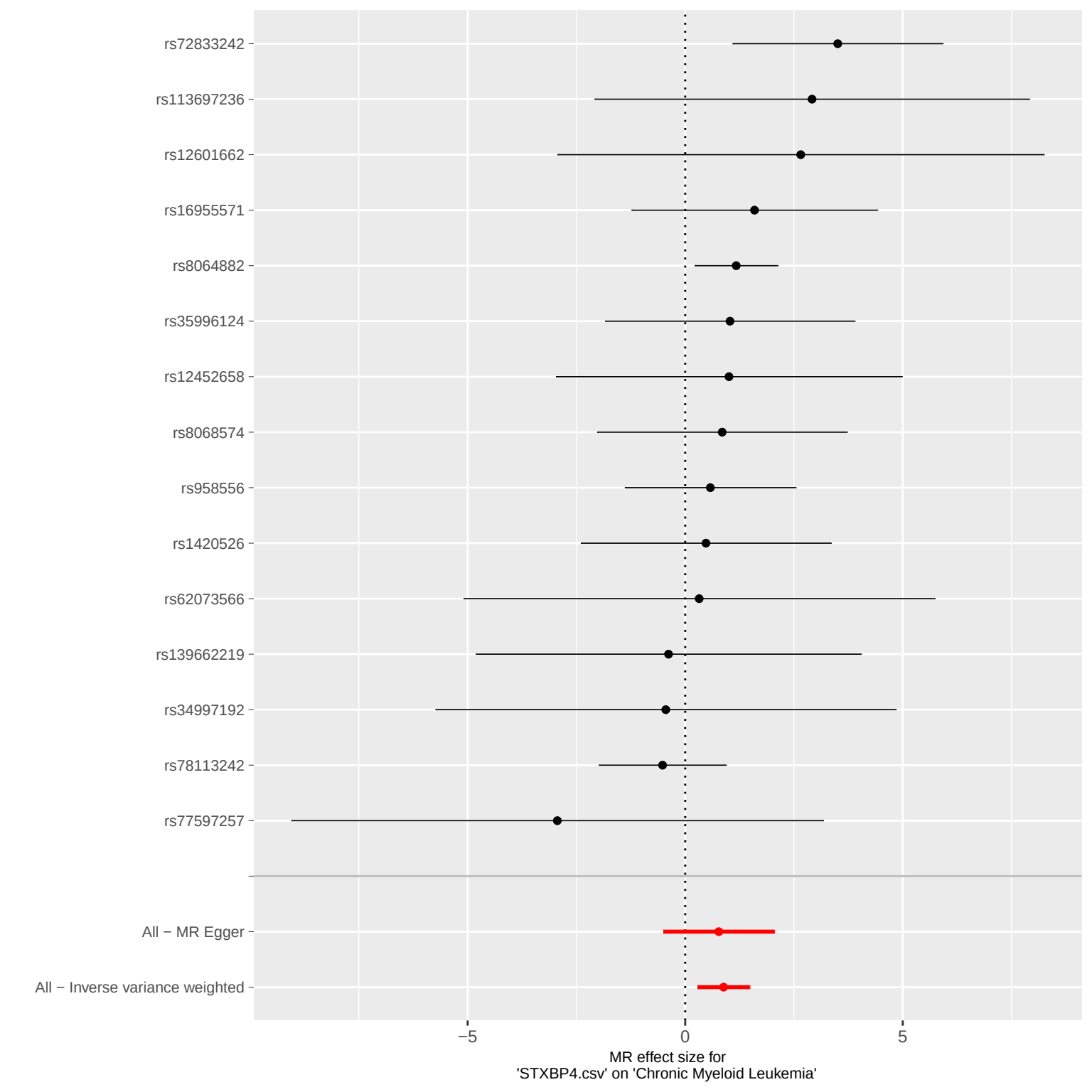
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rs62073566
rs139662219
rs34997192
rs78113242
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All − MR Egger
All − Inverse variance weighted
−5
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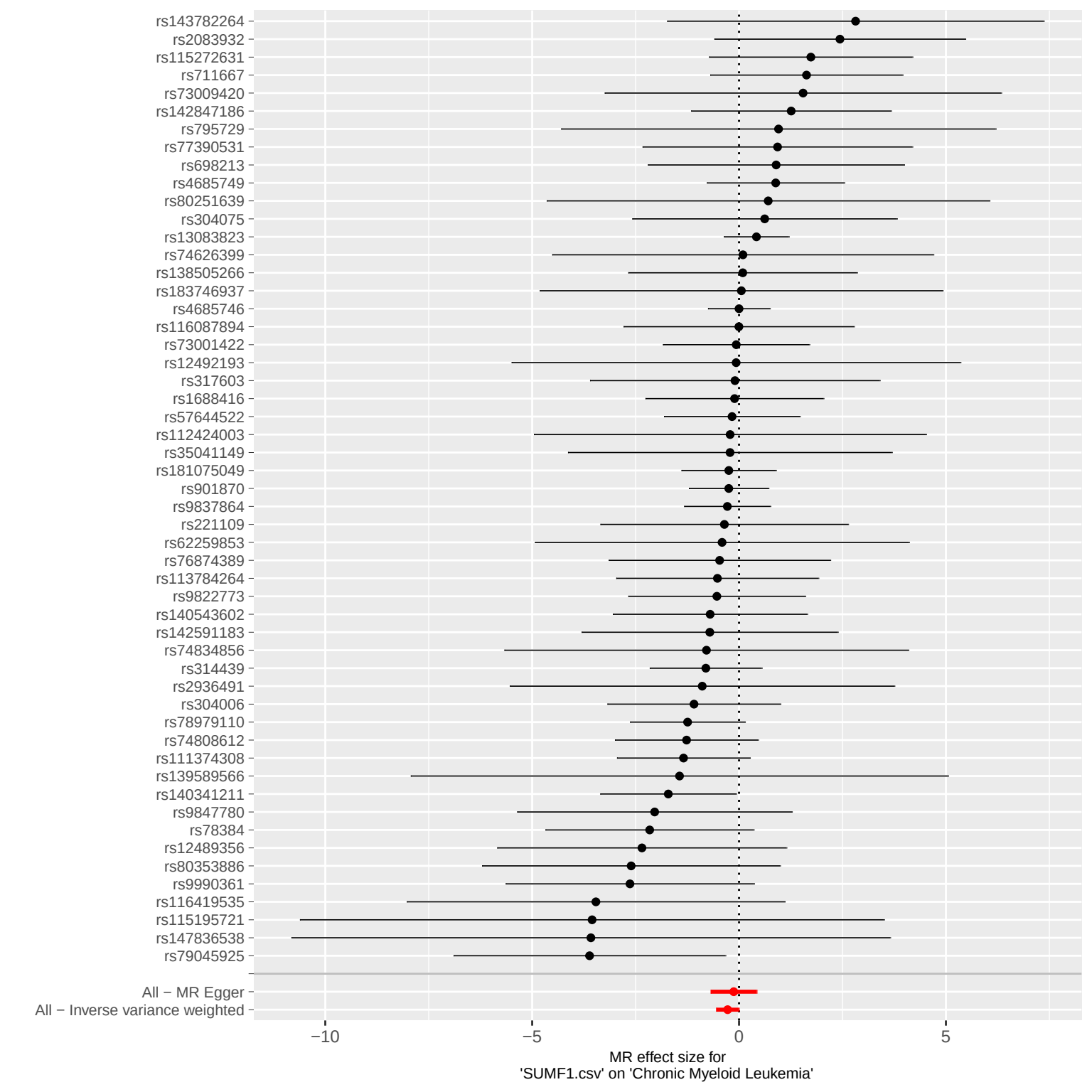
MR effect size for
'STXBP4.csv' on 'Chronic Myeloid Leukemia'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rs116419535
rs115195721
rs147836538
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All − MR Egger
All − Inverse variance weighted
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−5
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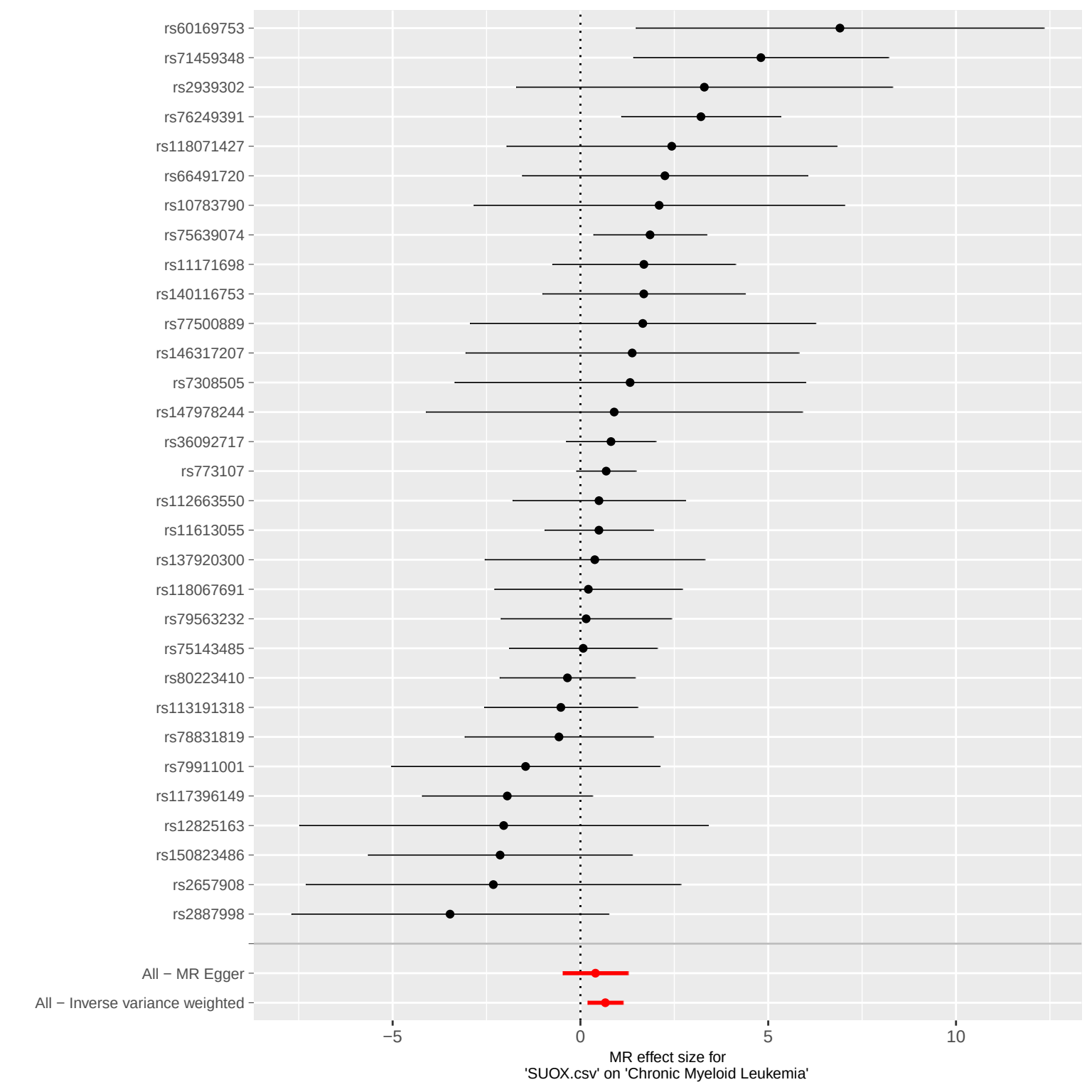
MR effect size for
'SUMF1.csv' on 'Chronic Myeloid Leukemia'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rs113191318
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rs79911001
rs117396149
rs12825163
rs150823486
rs2657908
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All − Inverse variance weighted
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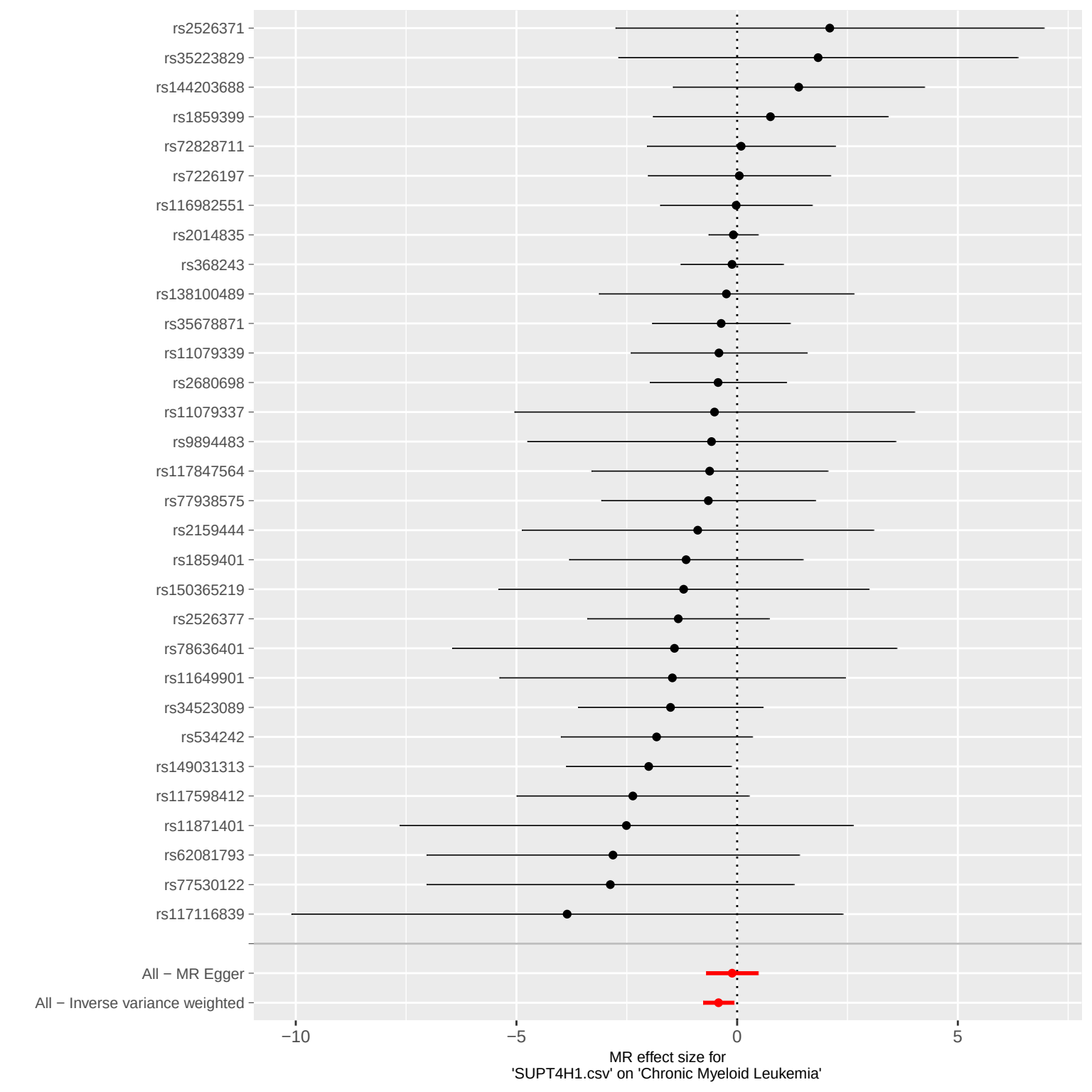
MR effect size for
'SUOX.csv' on 'Chronic Myeloid Leukemia'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rs11871401
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All − Inverse variance weighted
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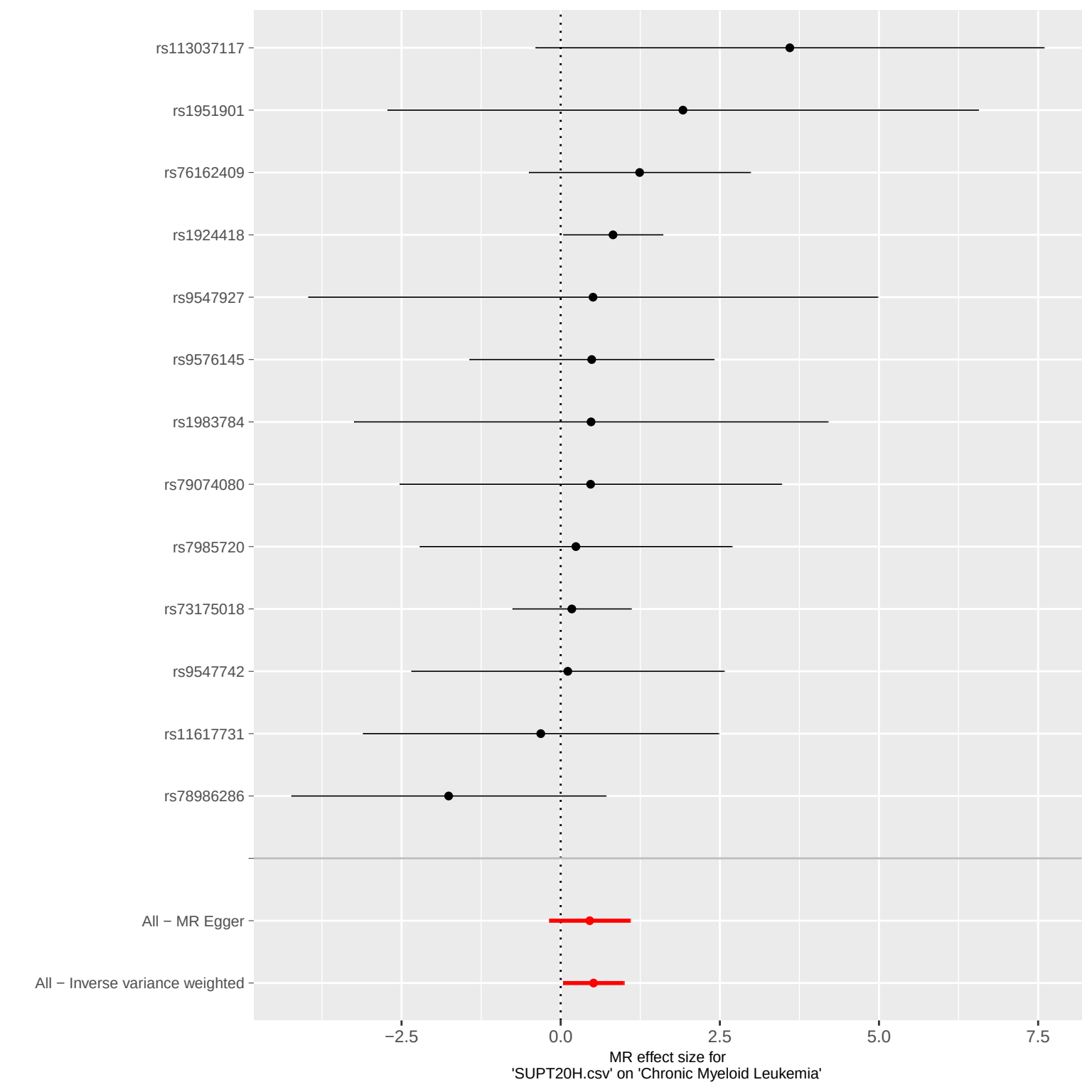
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rs9547742
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rs78986286
All − MR Egger
All − Inverse variance weighted
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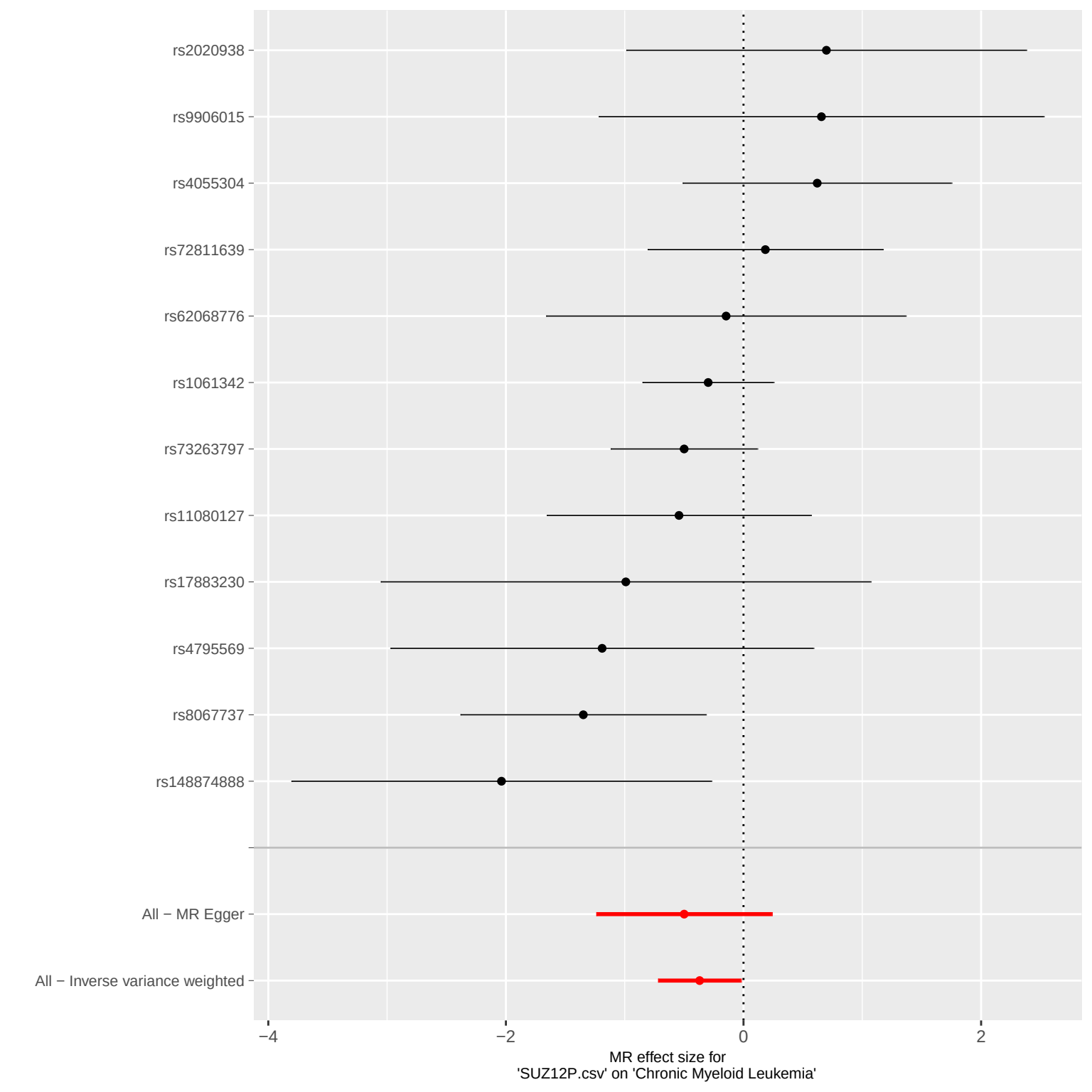
0.0
2.5
5.0
7.5
MR effect size for
'SUPT20H.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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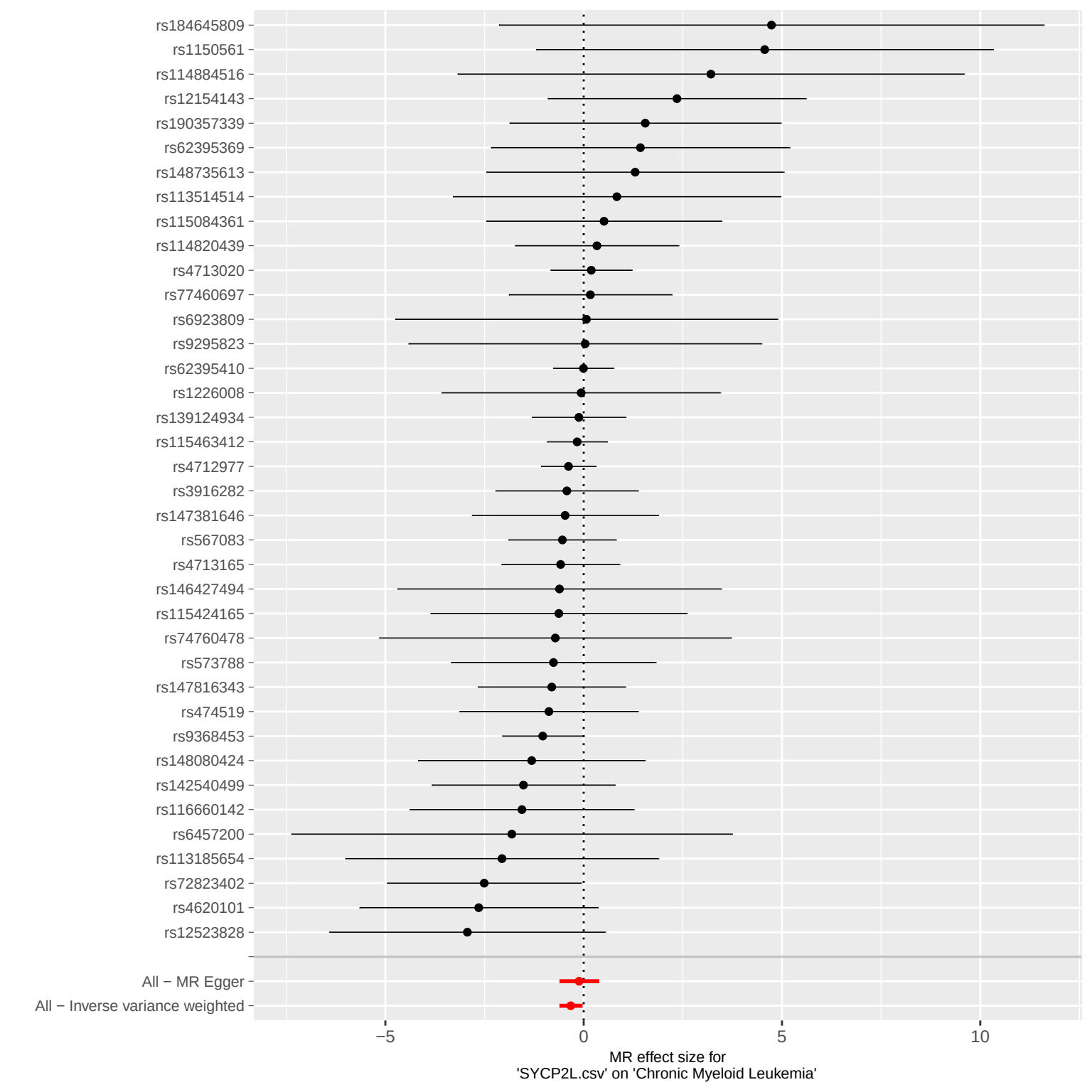
2
MR effect size for
'SUZ12P.csv' on 'Chronic Myeloid Leukemia'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rs4620101
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All − MR Egger
All − Inverse variance weighted
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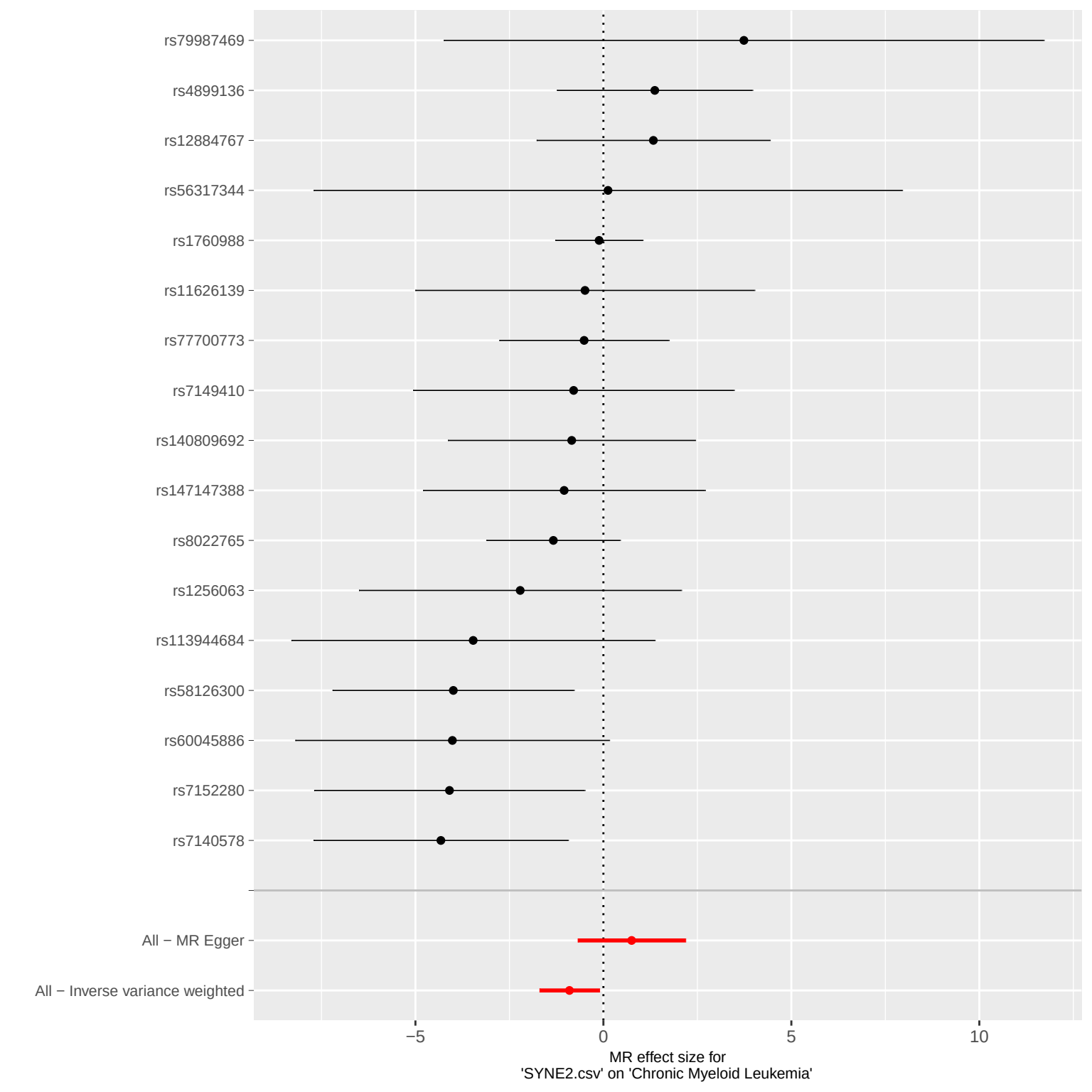
MR effect size for
'SYCP2L.csv' on 'Chronic Myeloid Leukemia'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rs1256063
rs113944684
rs58126300
rs60045886
rs7152280
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All − MR Egger
All − Inverse variance weighted
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5
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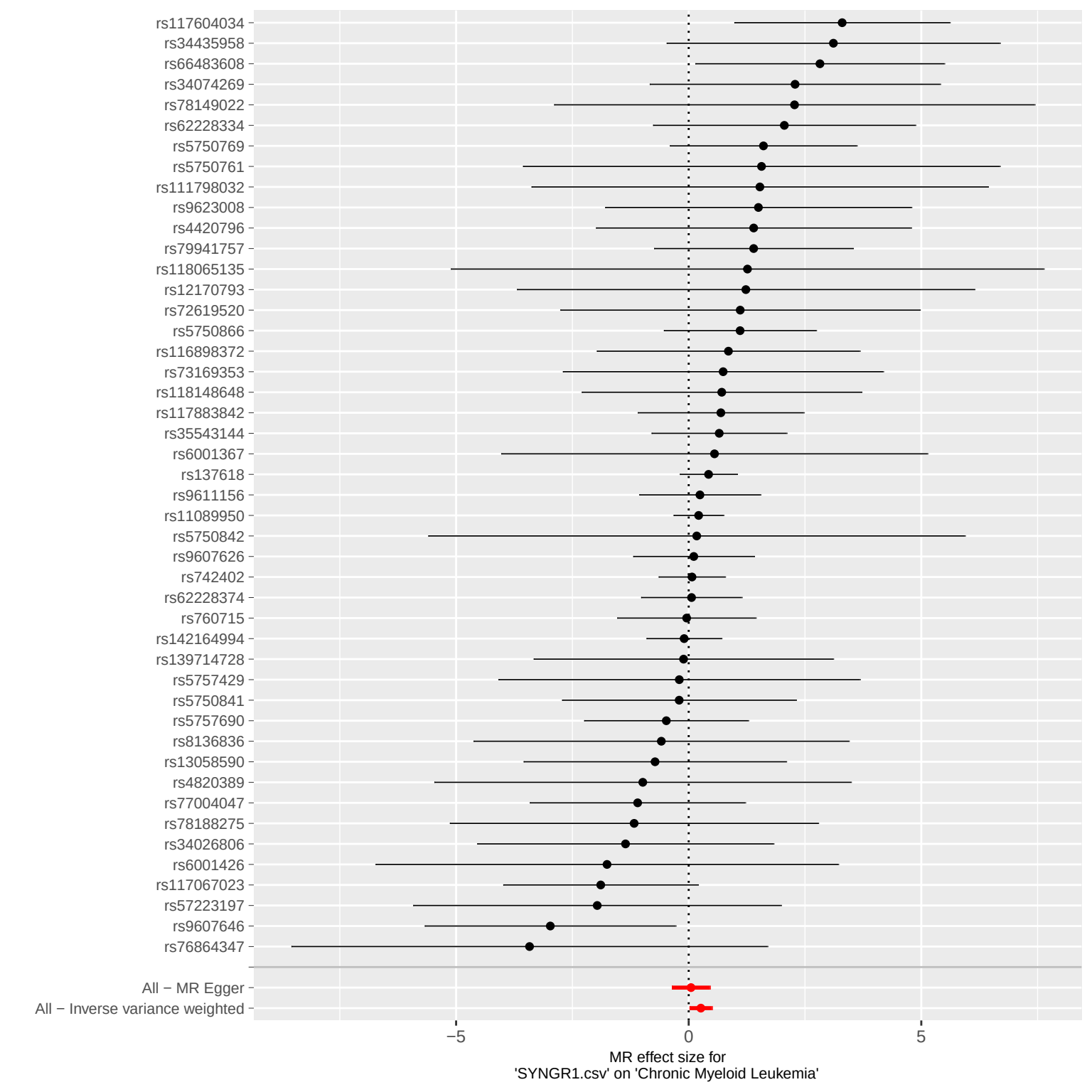
MR effect size for
'SYNE2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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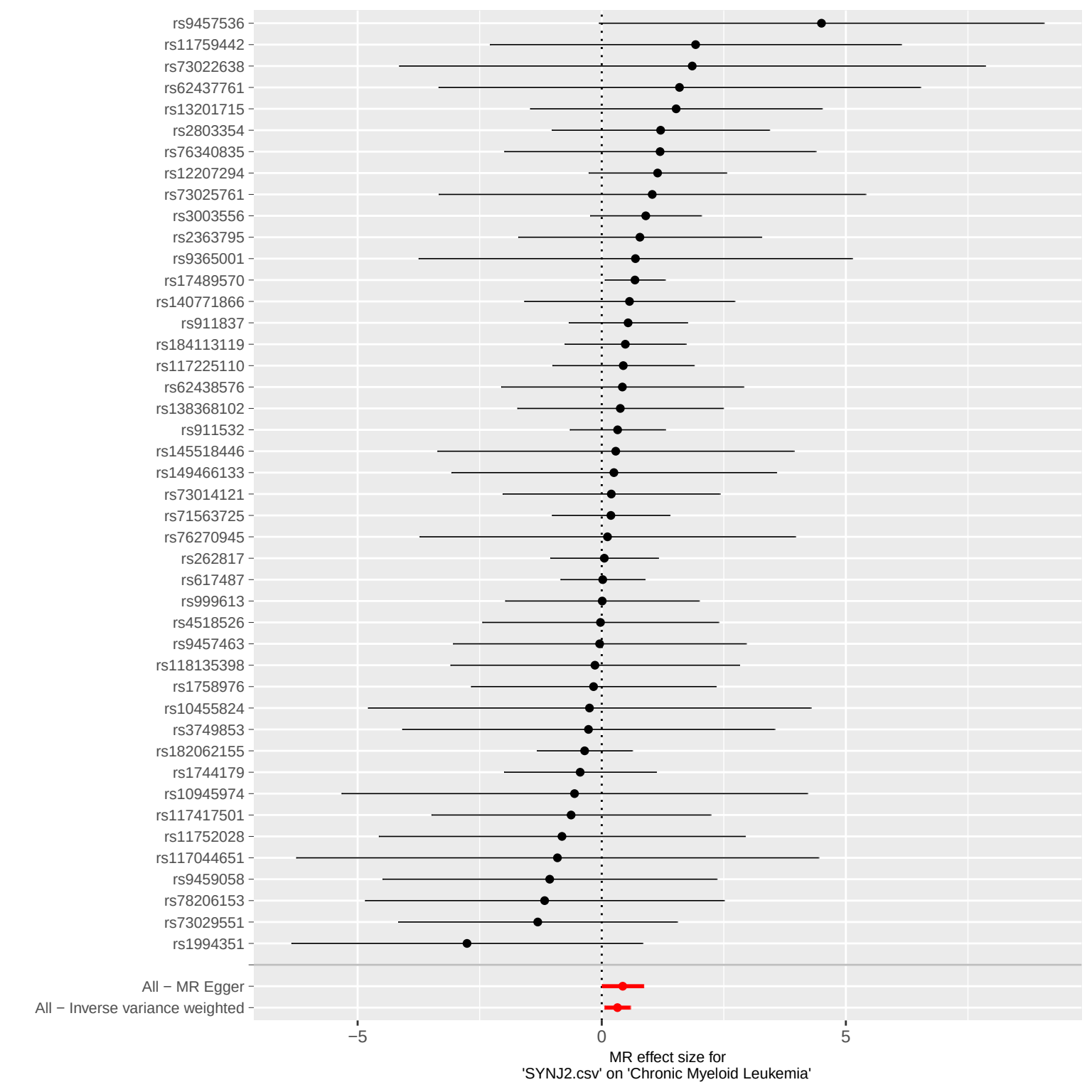
MR effect size for
'SYNGR1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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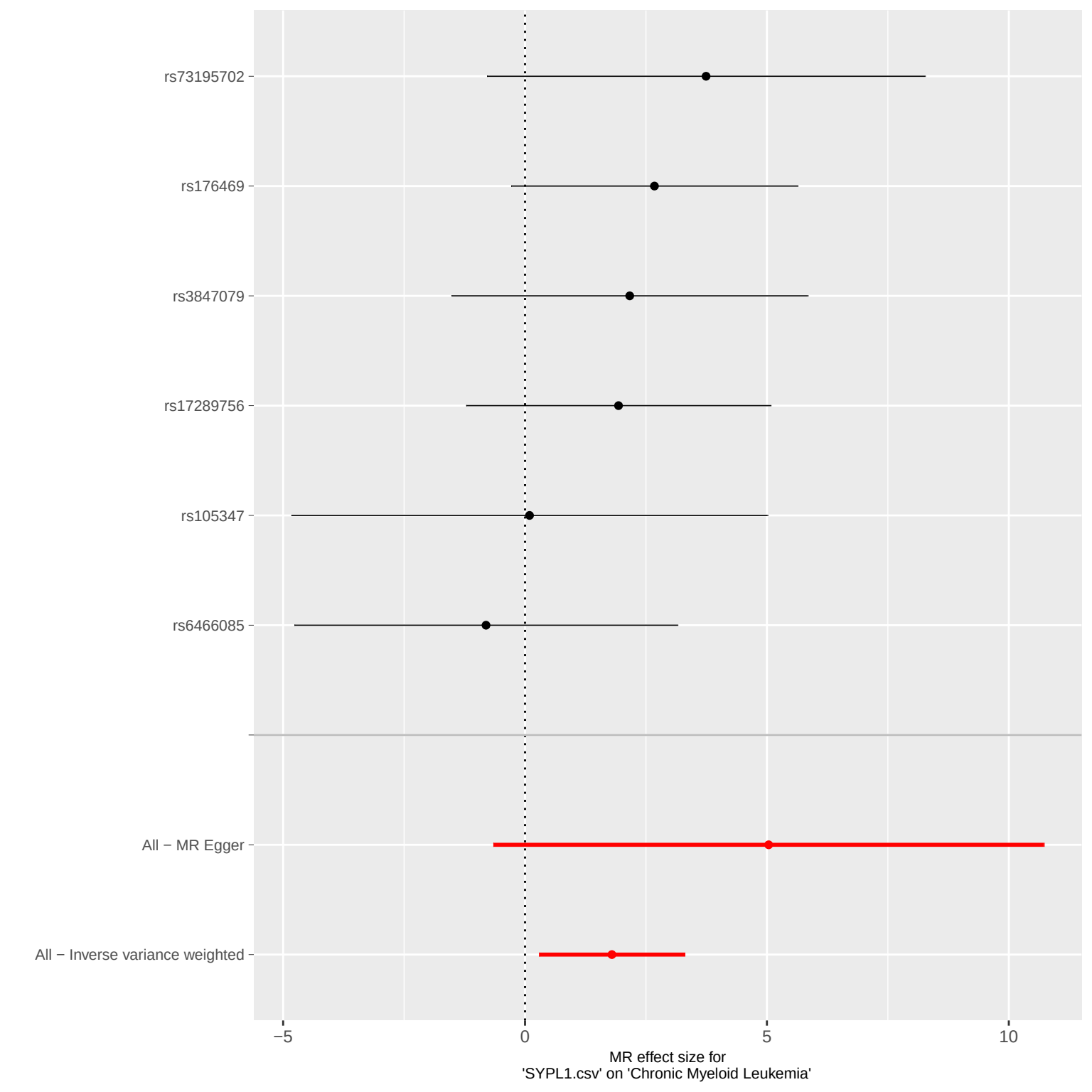
MR effect size for
'SYNJ2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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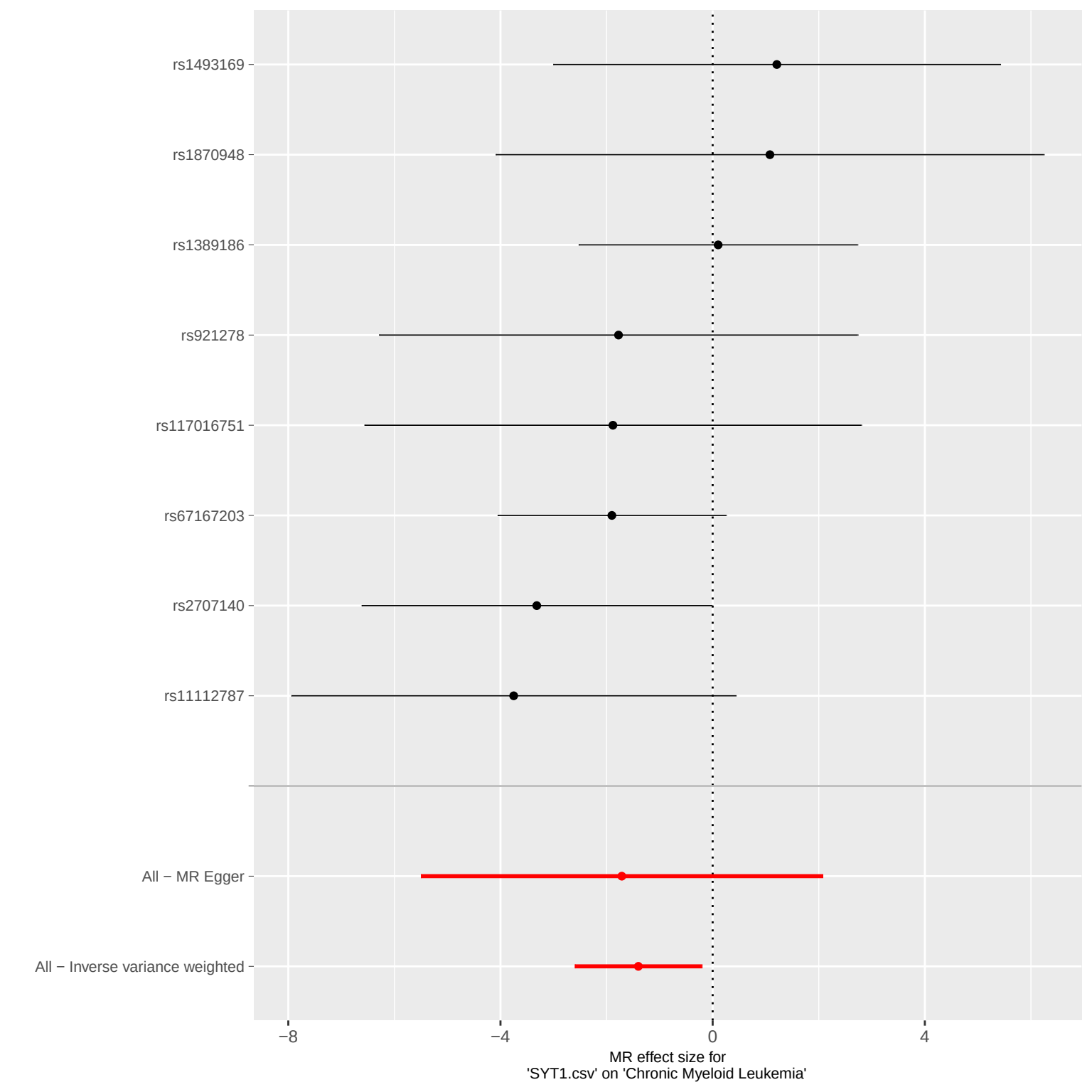
MR effect size for
'SYPL1.csv' on 'Chronic Myeloid Leukemia'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rs2707140
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All − MR Egger
All − Inverse variance weighted
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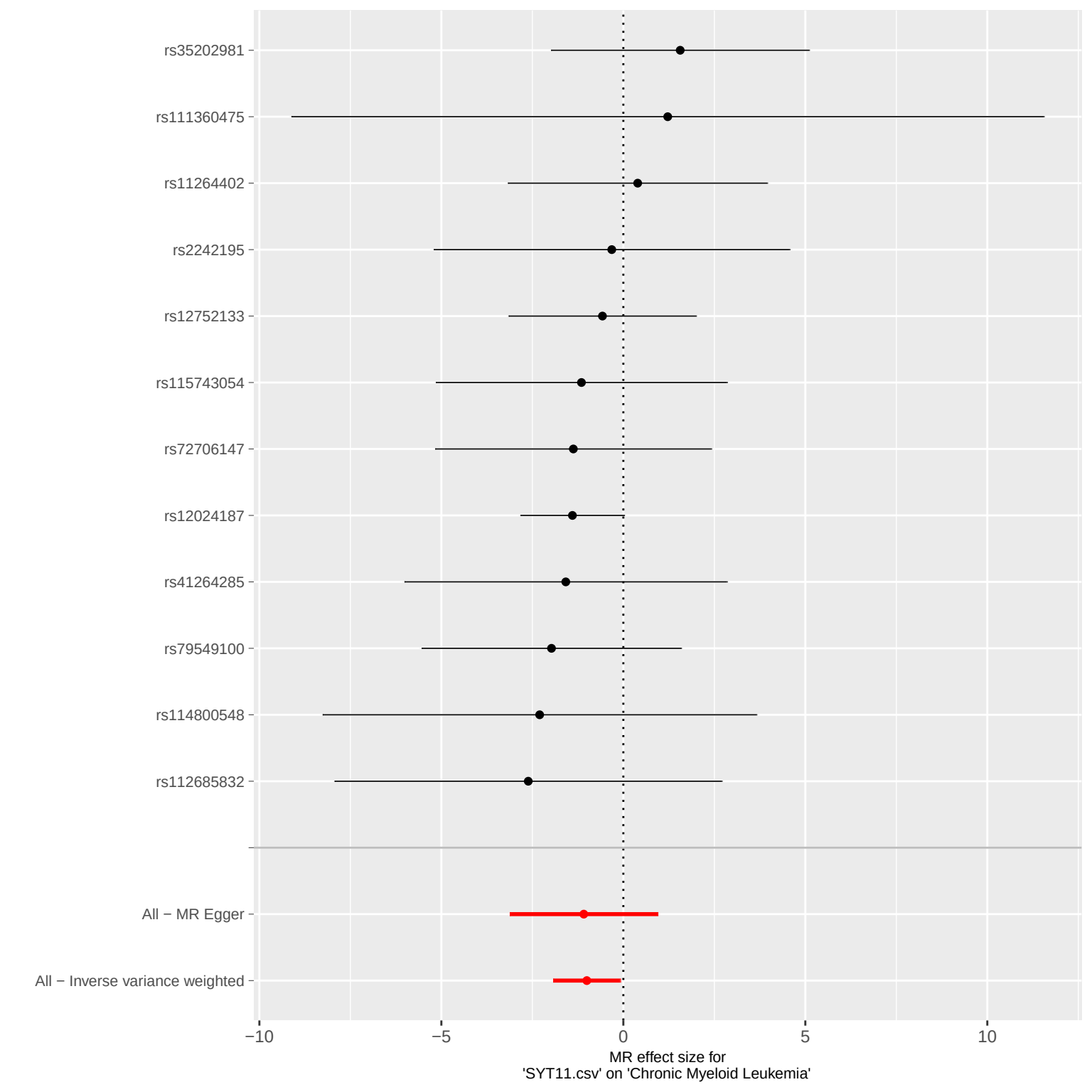
MR effect size for
'SYT1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
0
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MR effect size for
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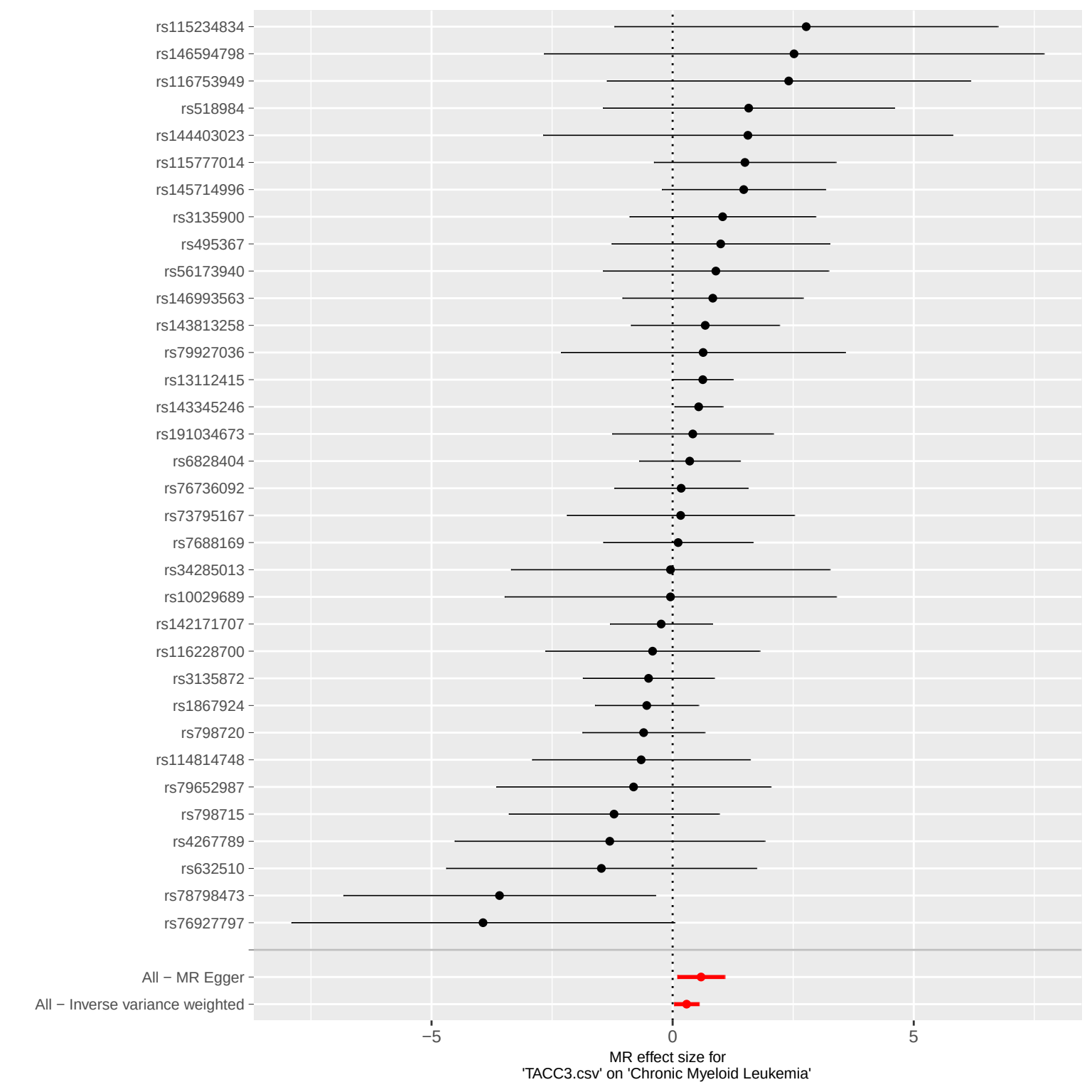
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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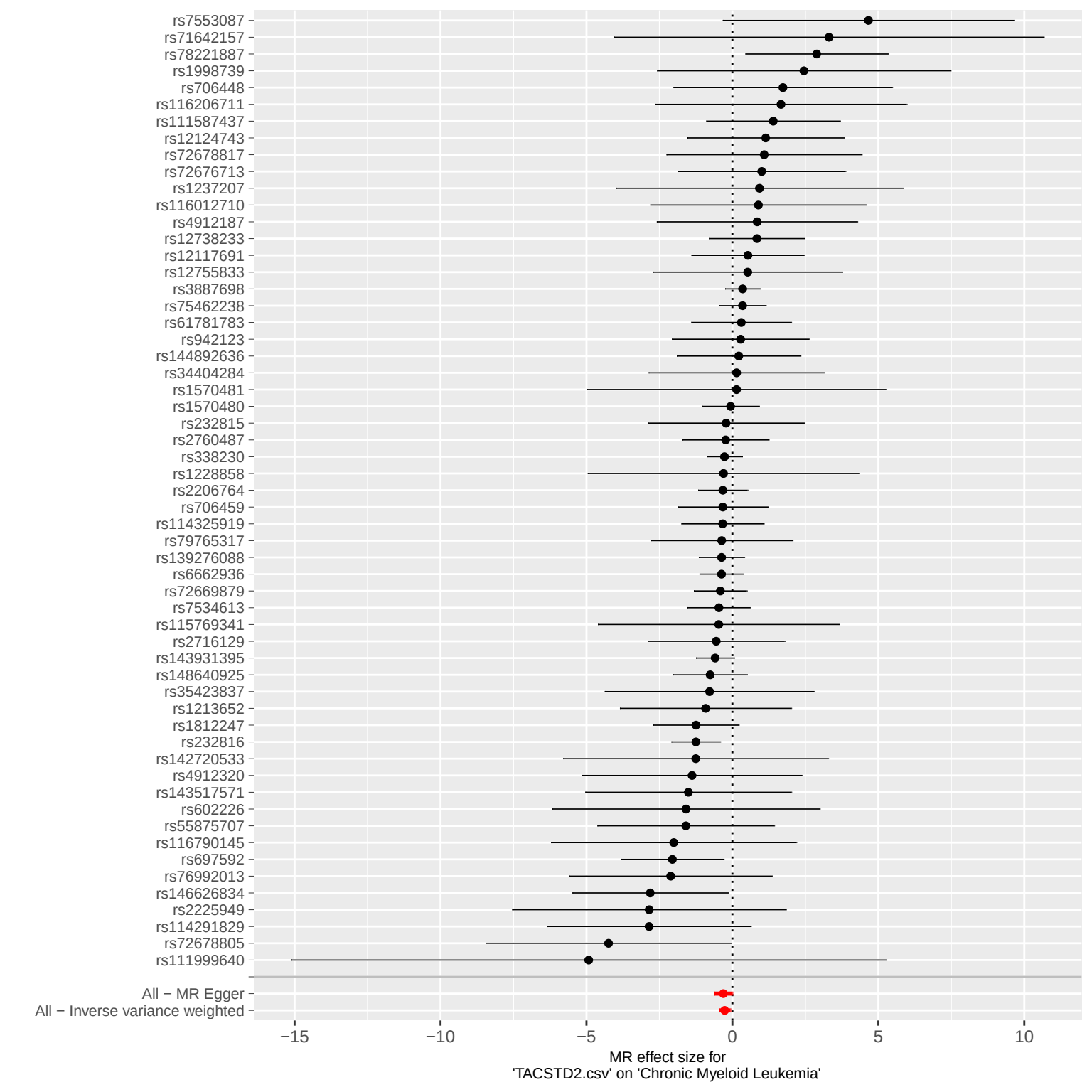
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All − Inverse variance weighted
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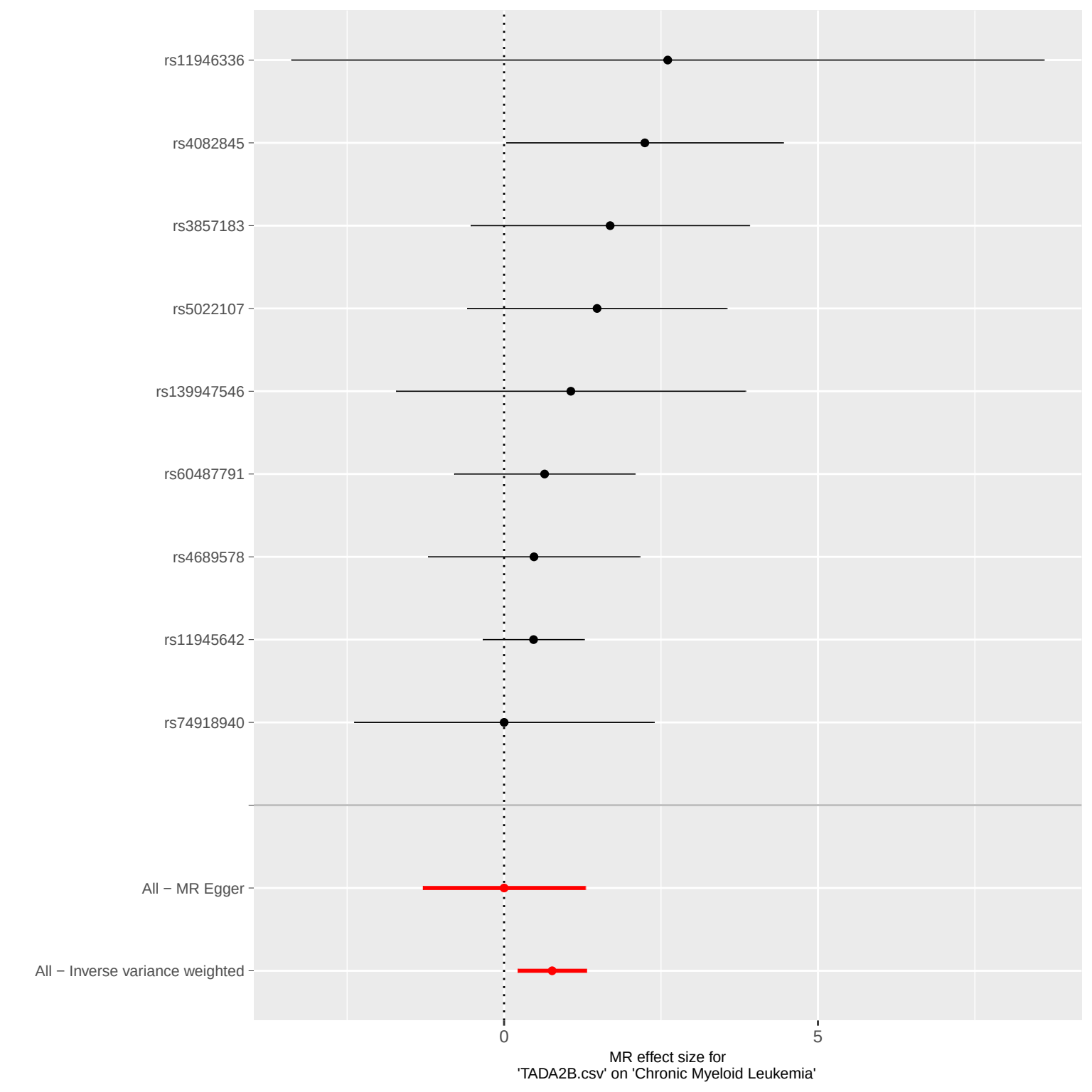
10
MR effect size for
'TACSTD2.csv' on 'Chronic Myeloid Leukemia'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rs4689578
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All − MR Egger
All − Inverse variance weighted
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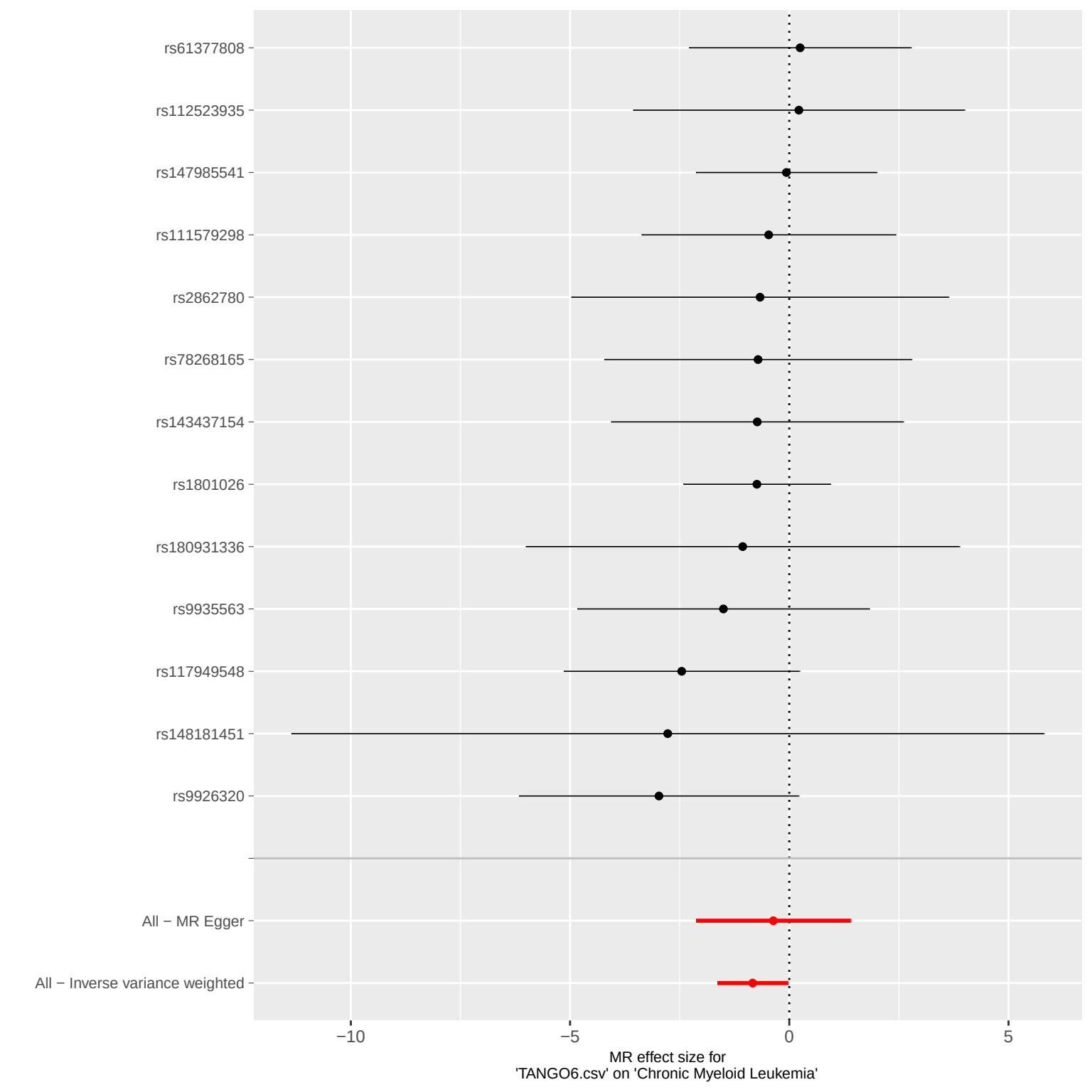
MR effect size for
'TADA2B.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
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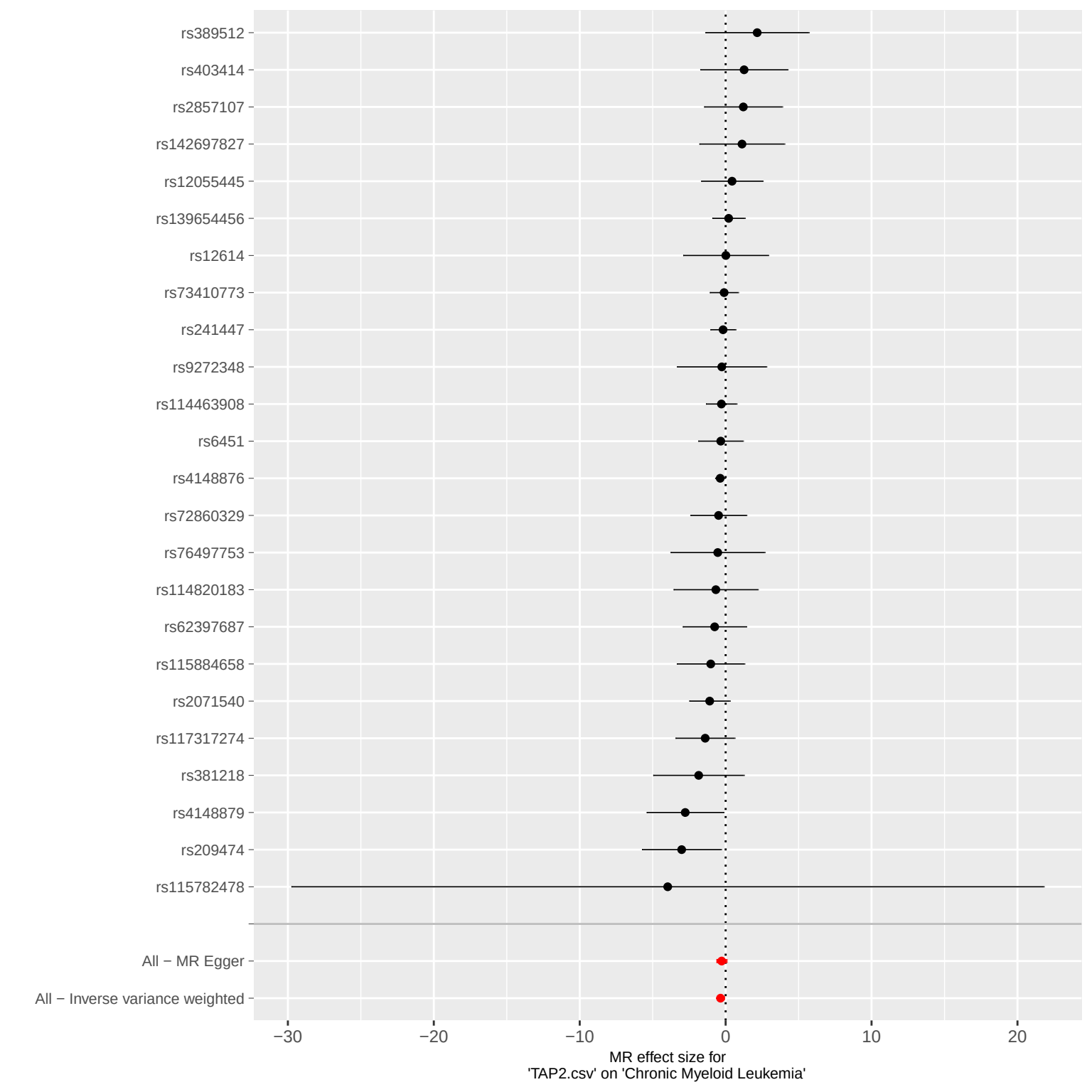
MR effect size for
'TANGO6.csv' on 'Chronic Myeloid Leukemia'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rs76497753
rs114820183
rs62397687
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rs2071540
rs117317274
rs381218
rs4148879
rs209474
rs115782478
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All − Inverse variance weighted
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−10
0
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MR effect size for
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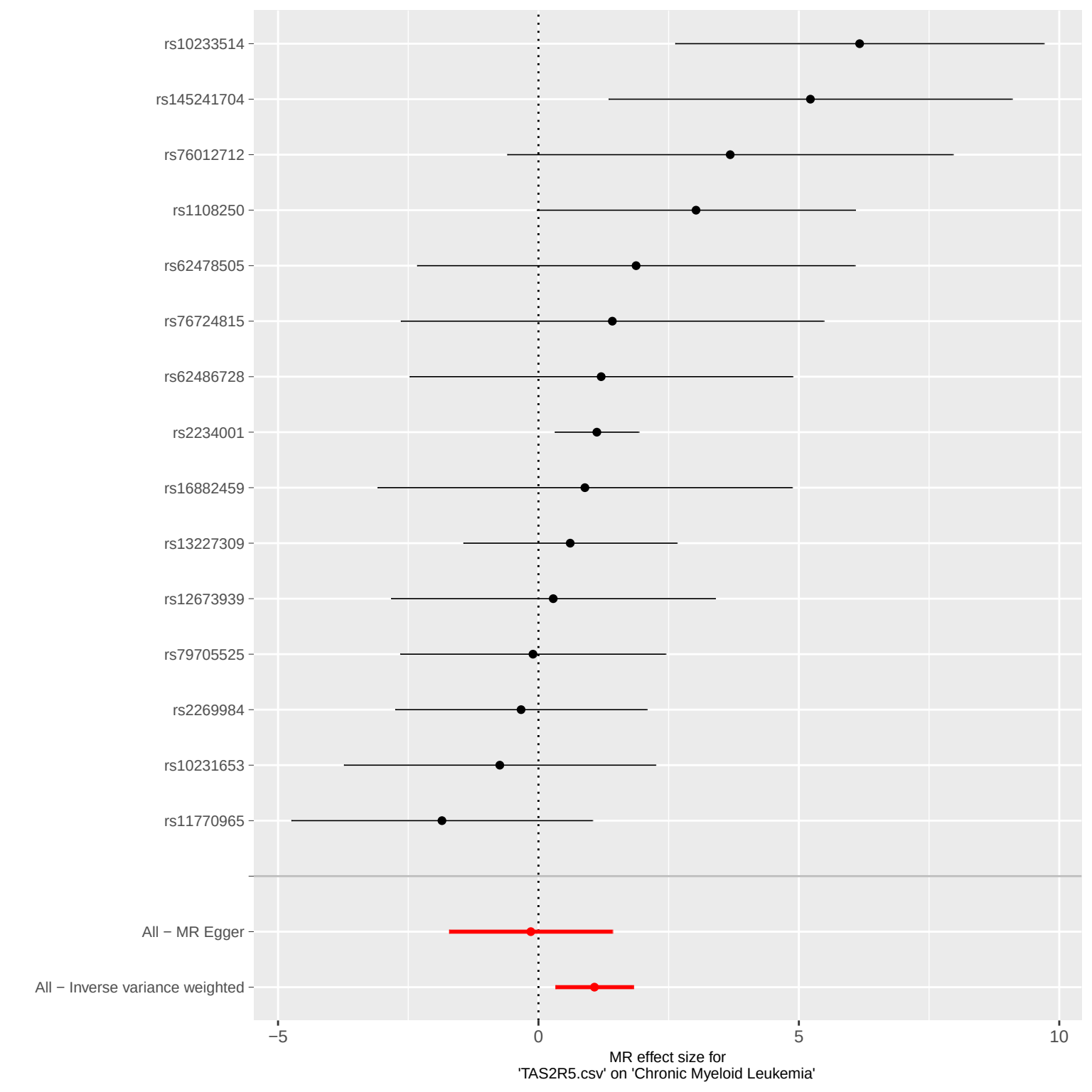
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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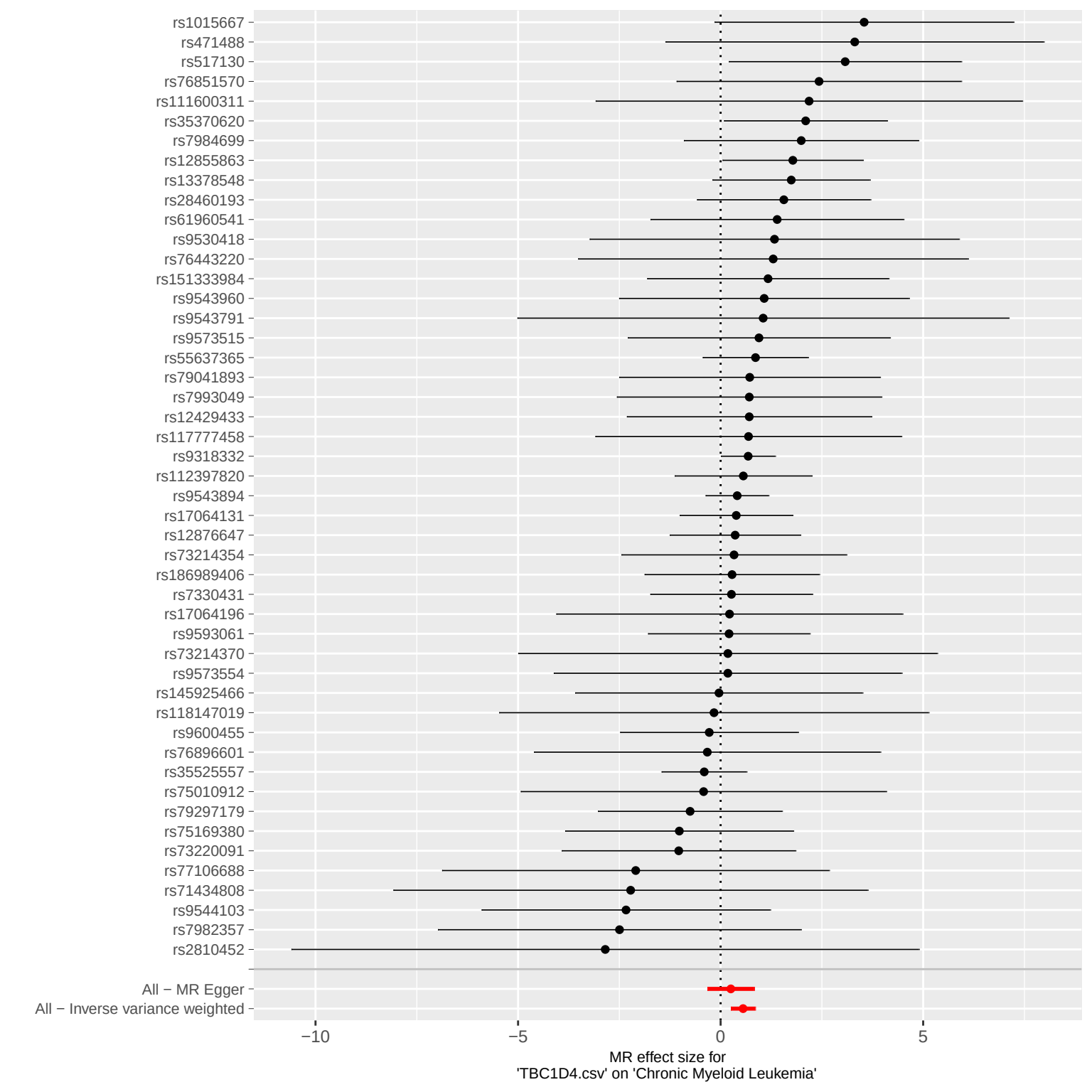
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All − MR Egger
All − Inverse variance weighted
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−5
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MR effect size for
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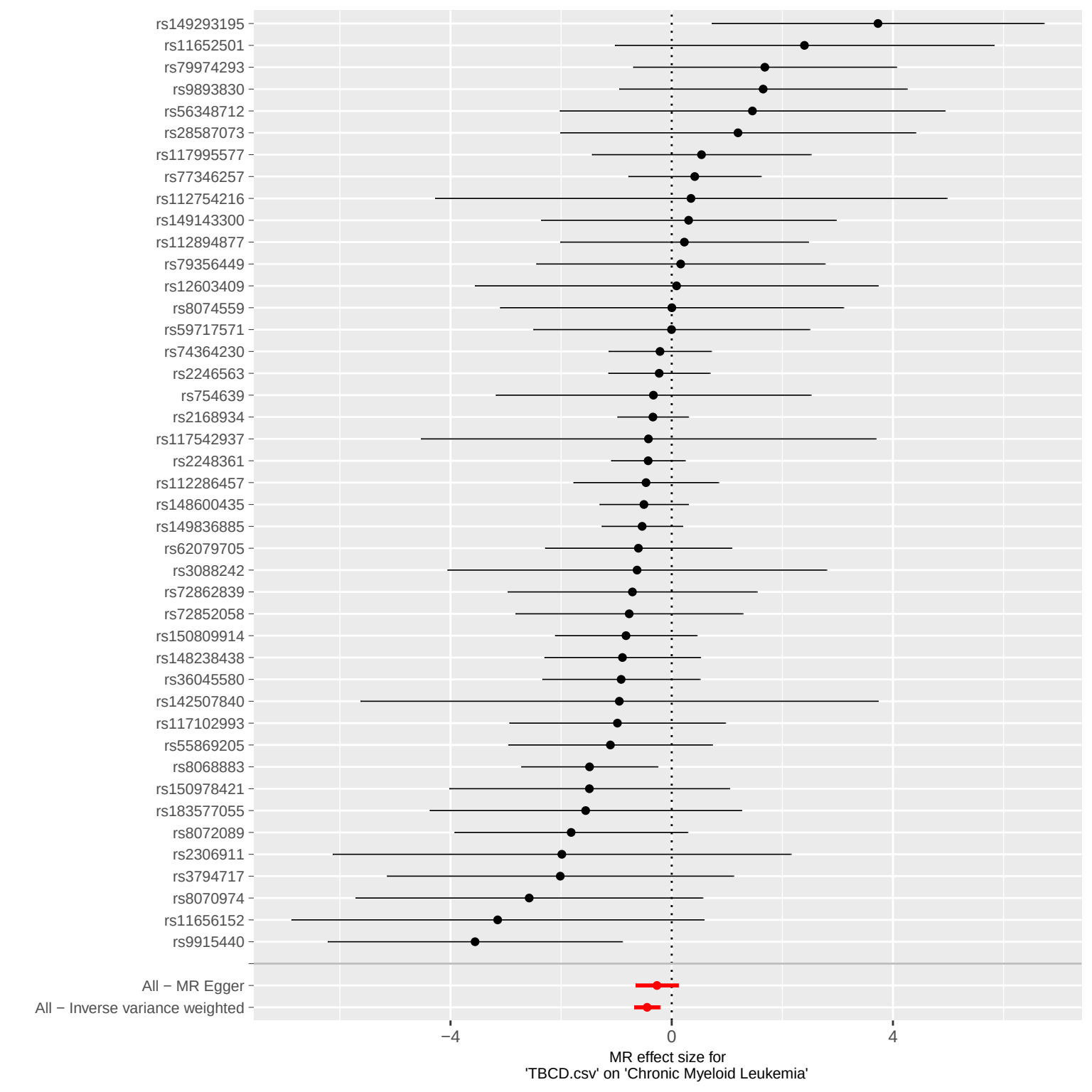
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All − MR Egger
All − Inverse variance weighted
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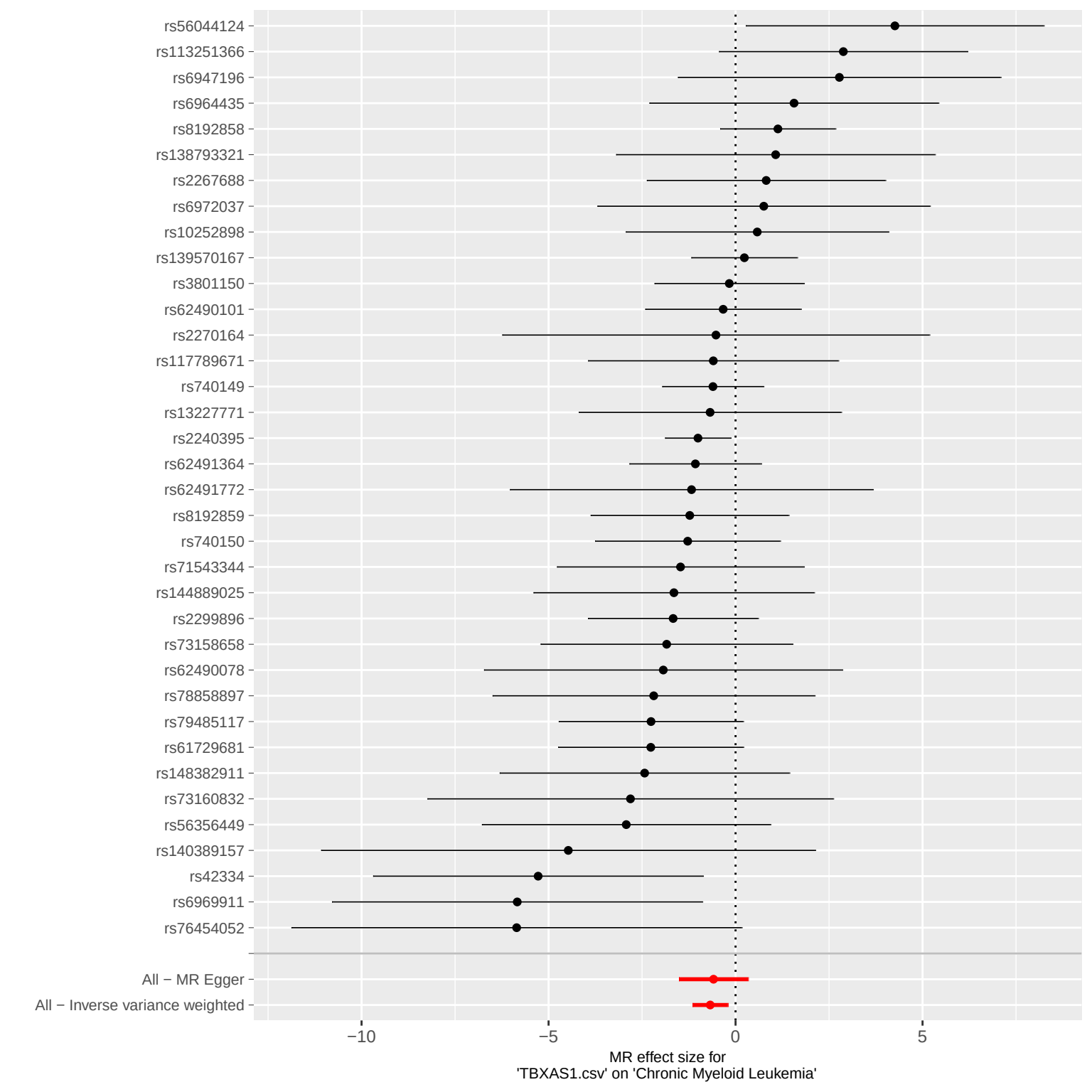
4
MR effect size for
'TBCD.csv' on 'Chronic Myeloid Leukemia'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rs73160832
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rs42334
rs6969911
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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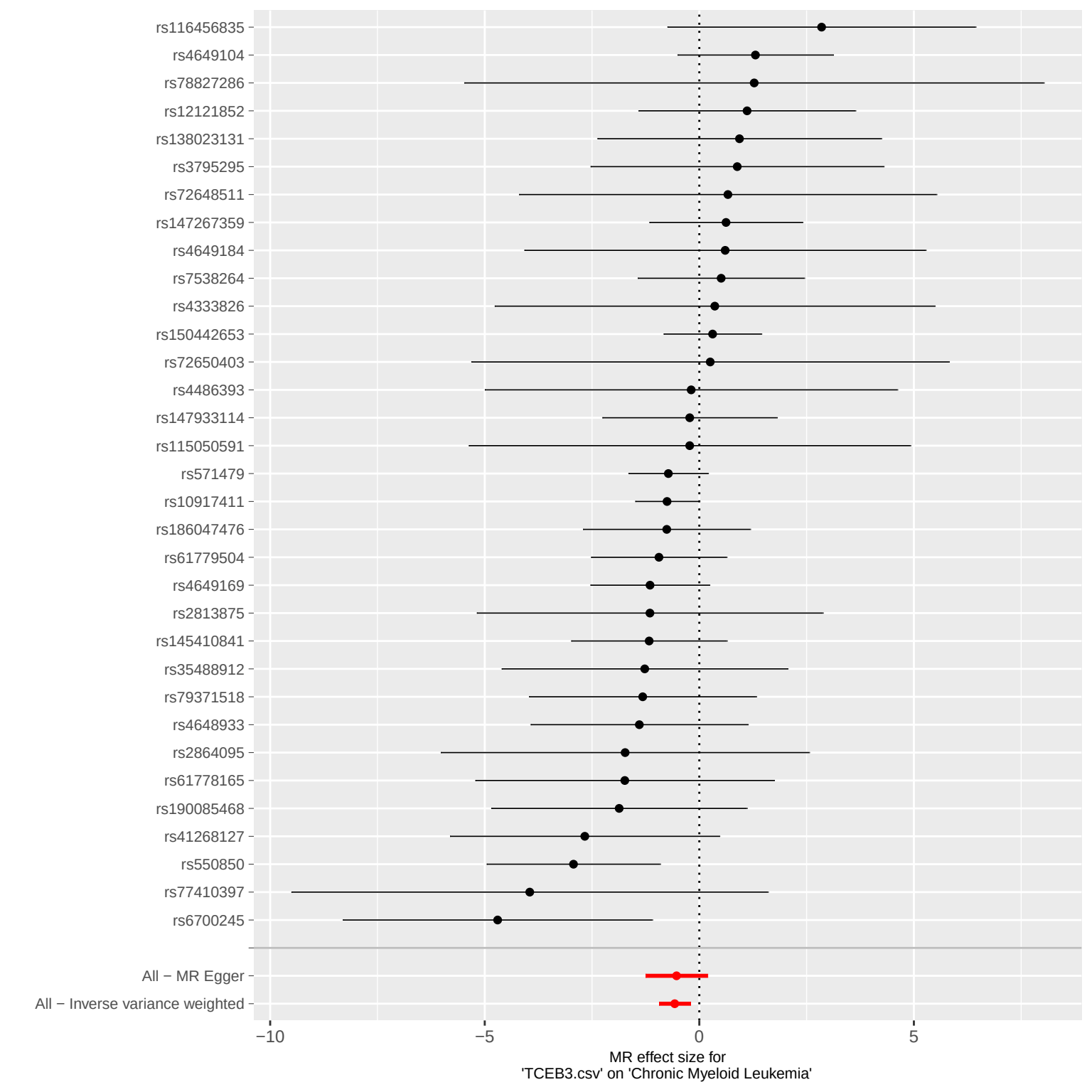
MR effect size for
'TBXAS1.csv' on 'Chronic Myeloid Leukemia'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rs2813875
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rs4648933
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rs61778165
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rs550850
rs77410397
rs6700245
All − MR Egger
All − Inverse variance weighted
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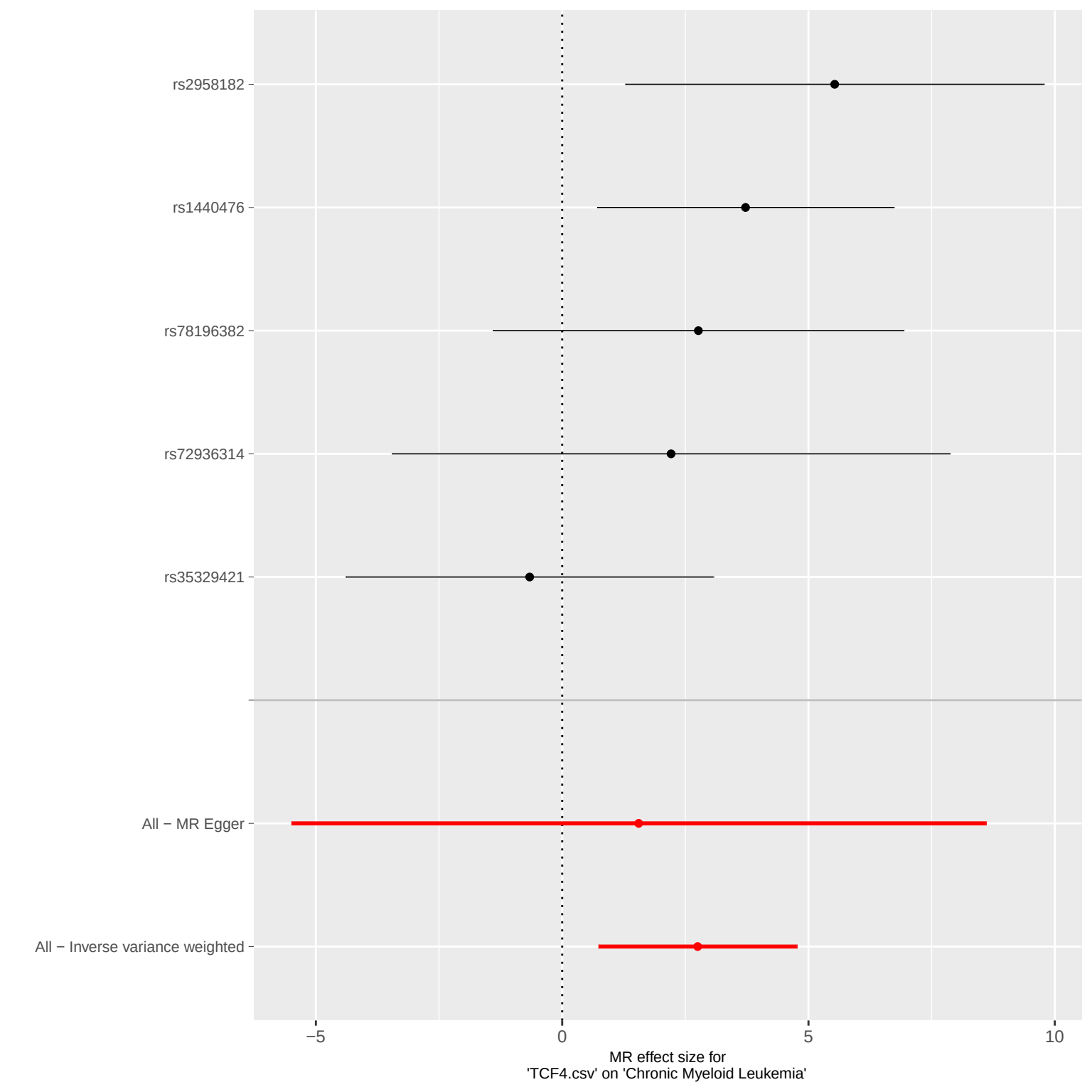
MR effect size for
'TCEB3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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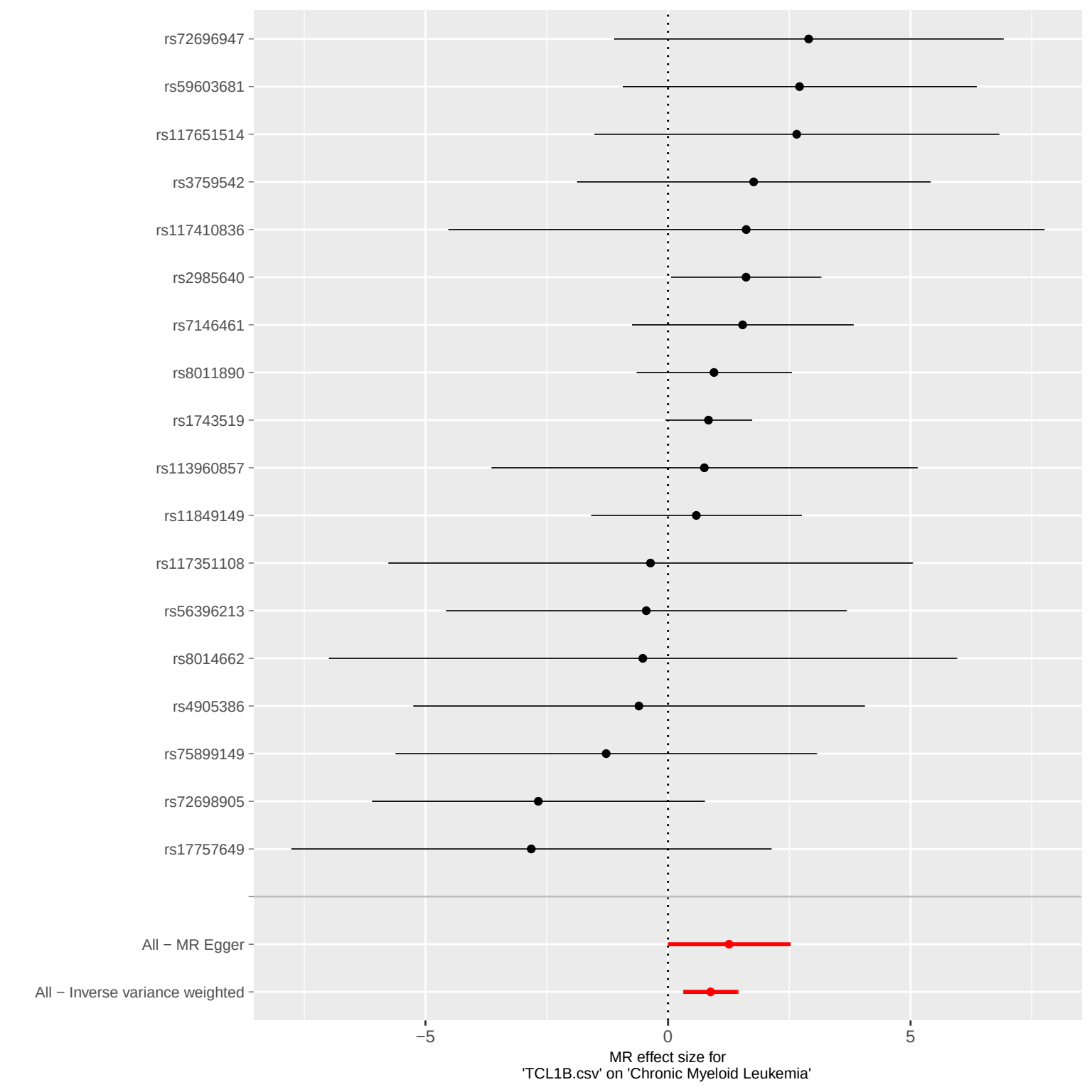
MR effect size for
'TCF4.csv' on 'Chronic Myeloid Leukemia'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rs56396213
rs8014662
rs4905386
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All − Inverse variance weighted
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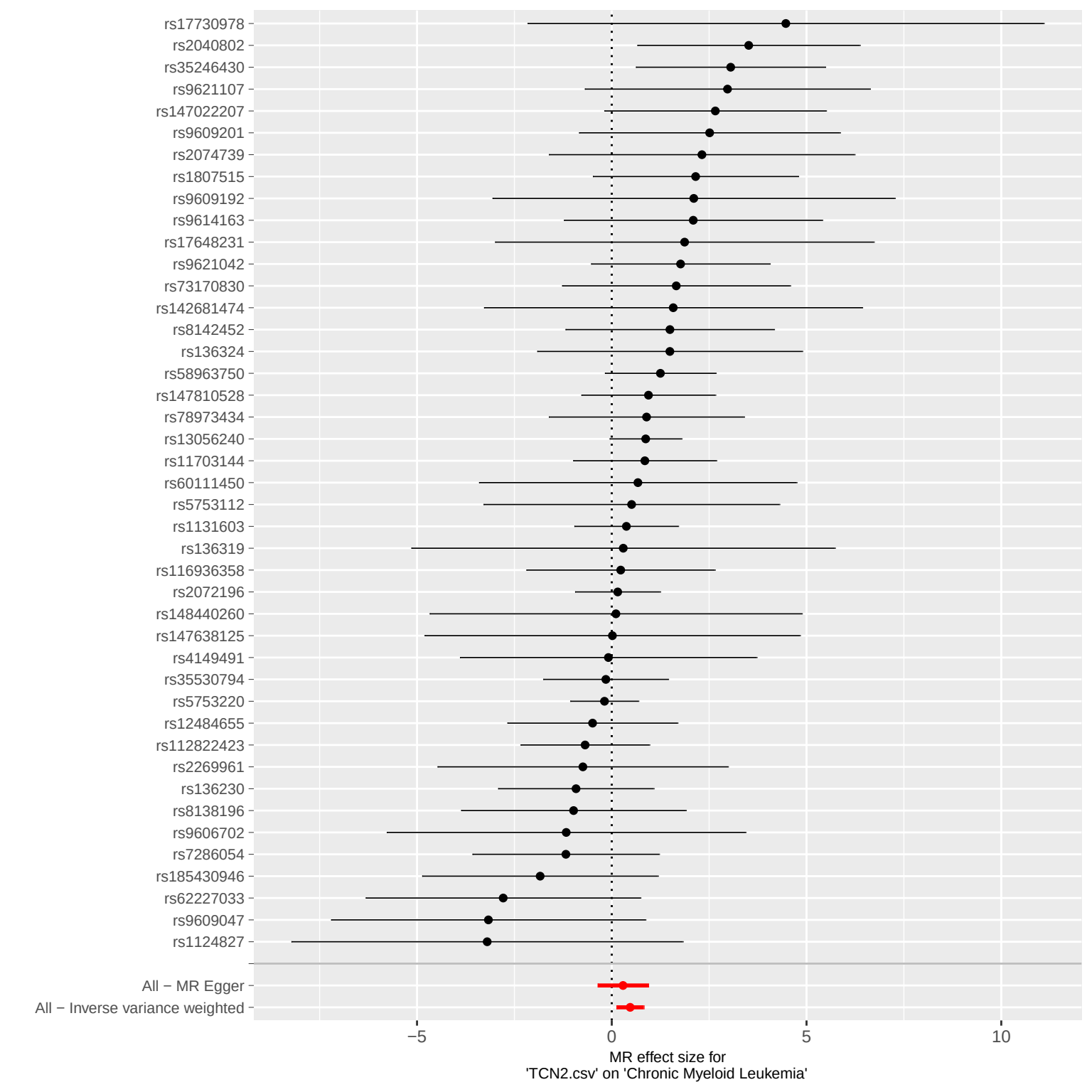
MR effect size for
'TCL1B.csv' on 'Chronic Myeloid Leukemia'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rs136230
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All − MR Egger
All − Inverse variance weighted
−5
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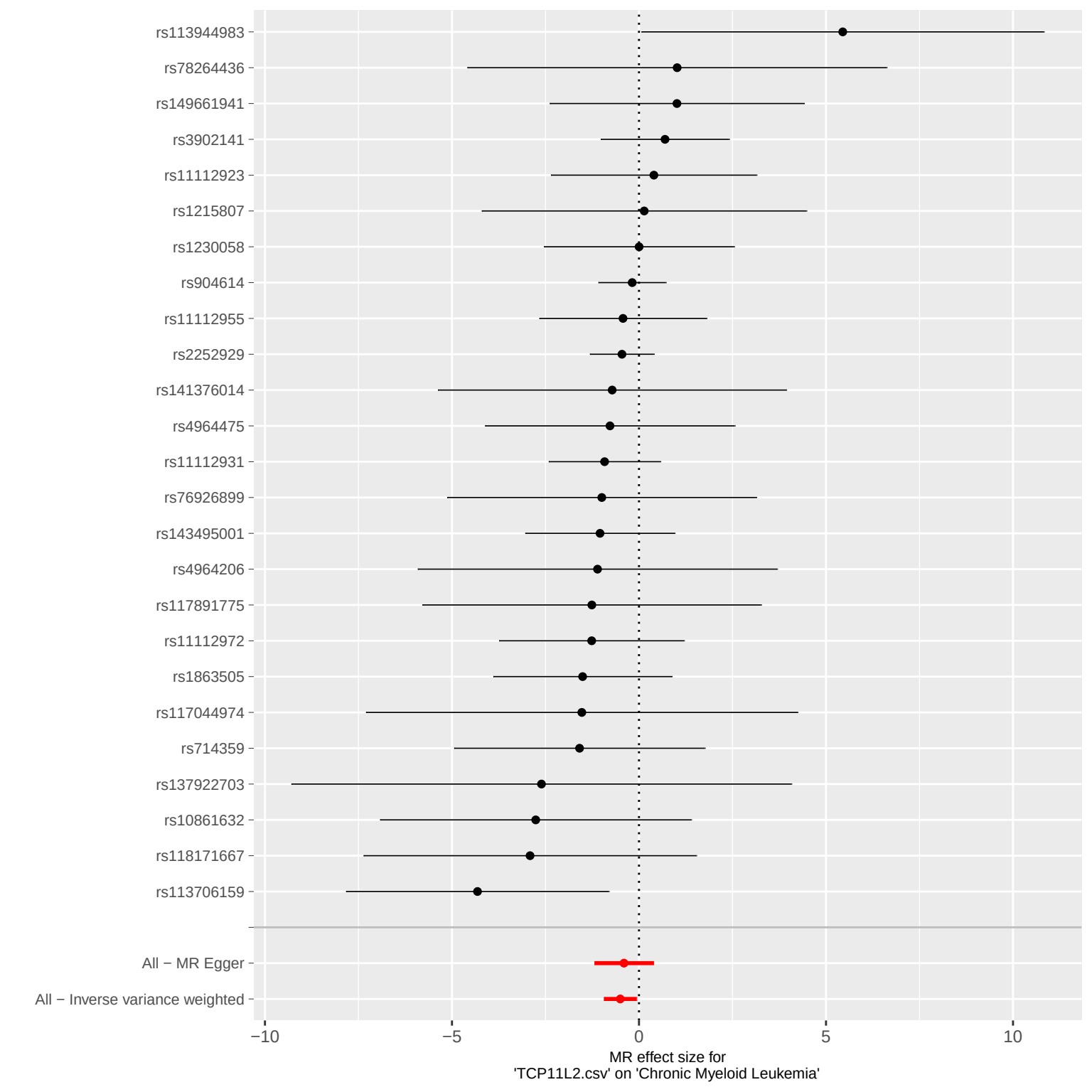
MR effect size for
'TCN2.csv' on 'Chronic Myeloid Leukemia'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rs1863505
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rs714359
rs137922703
rs10861632
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rs113706159
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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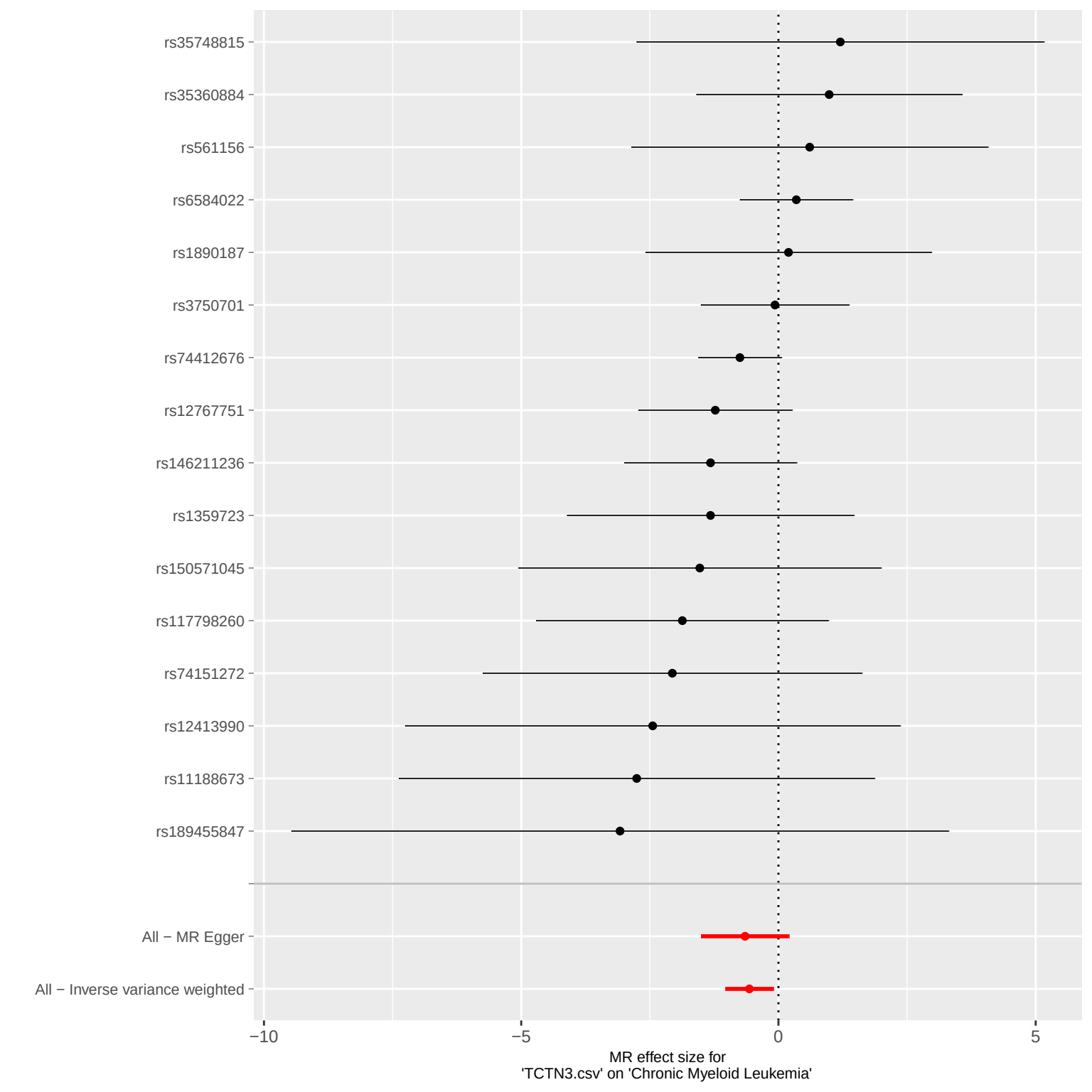
MR effect size for
'TCP11L2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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−5
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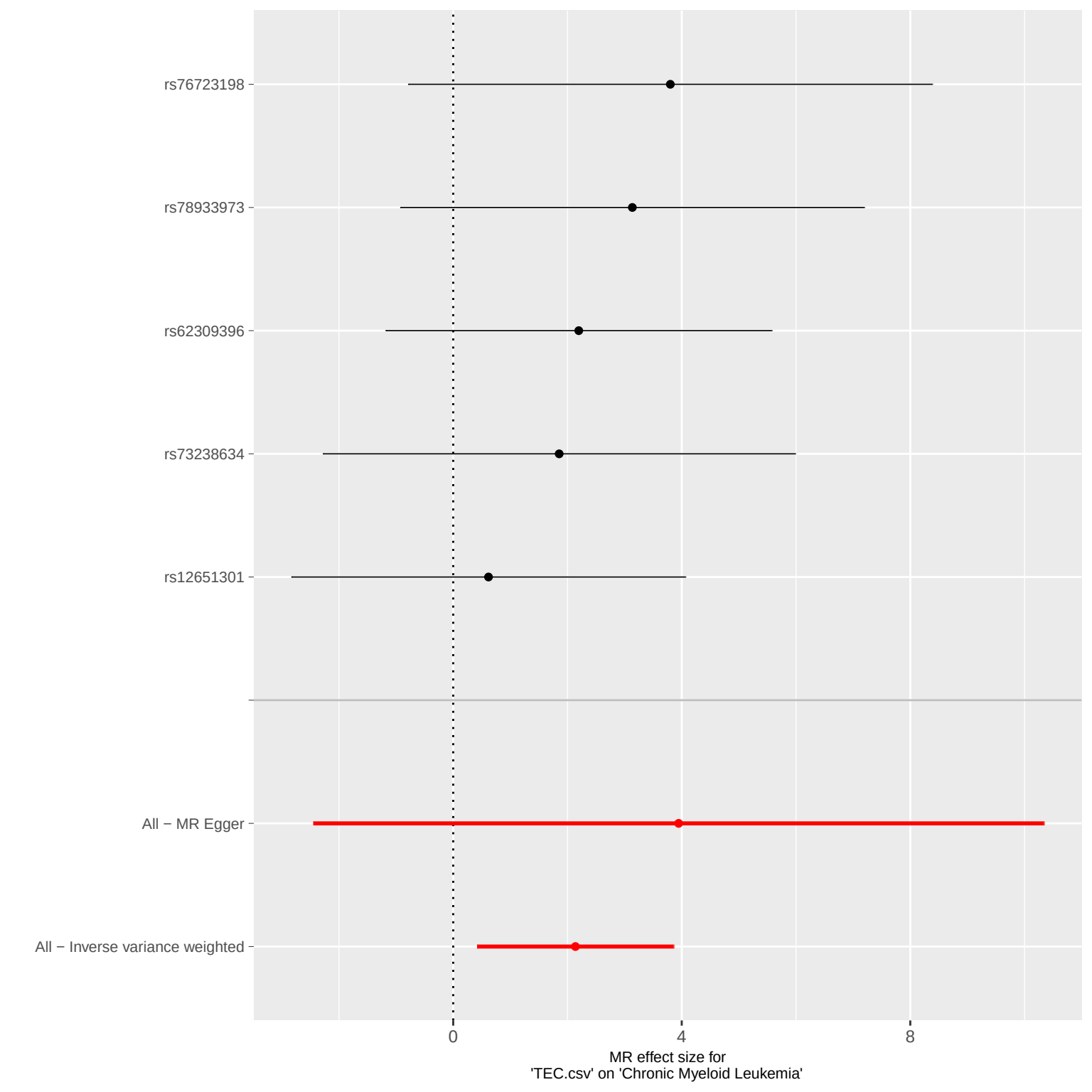
'TCTN3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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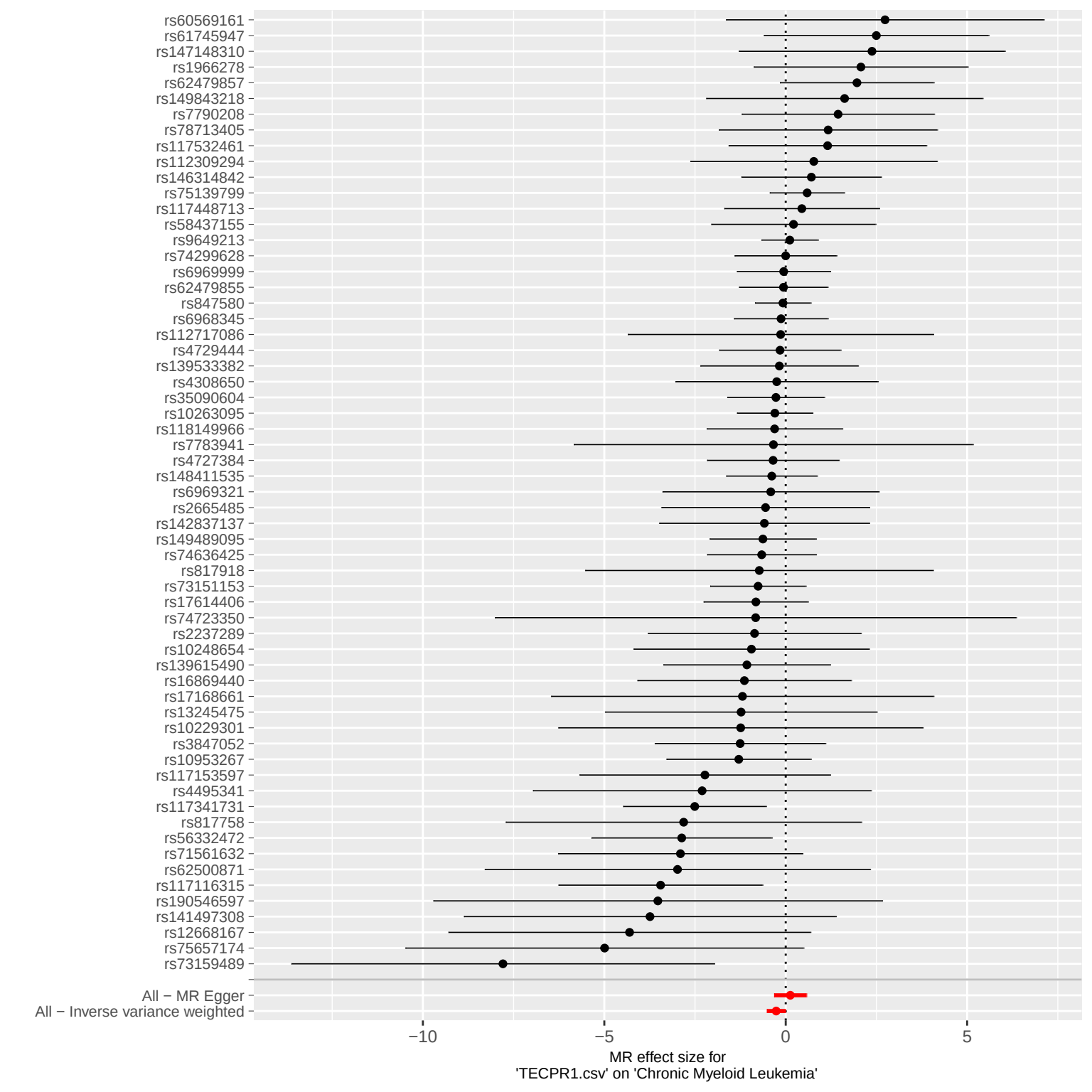
MR effect size for
'TEC.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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−5
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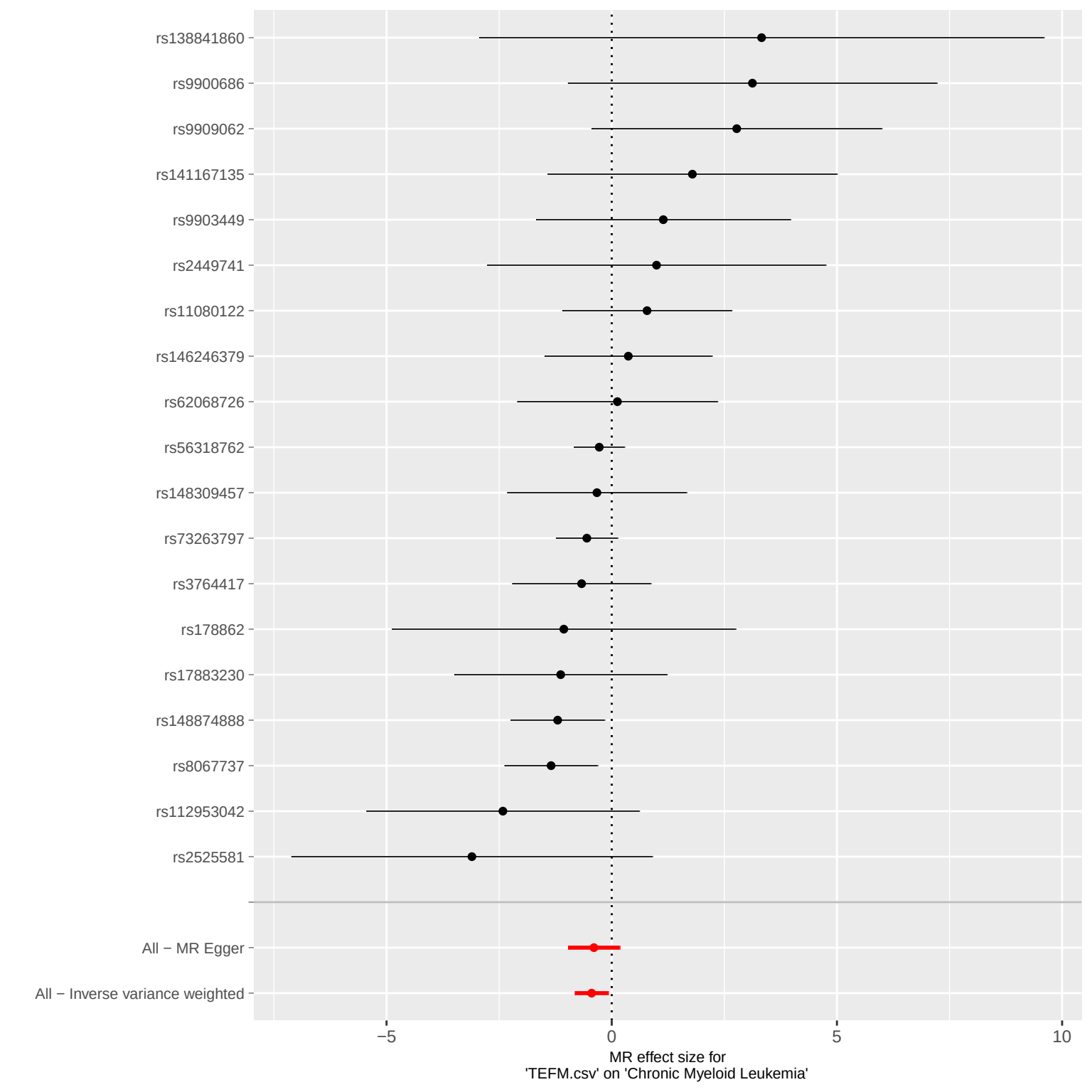
MR effect size for
'TECPR1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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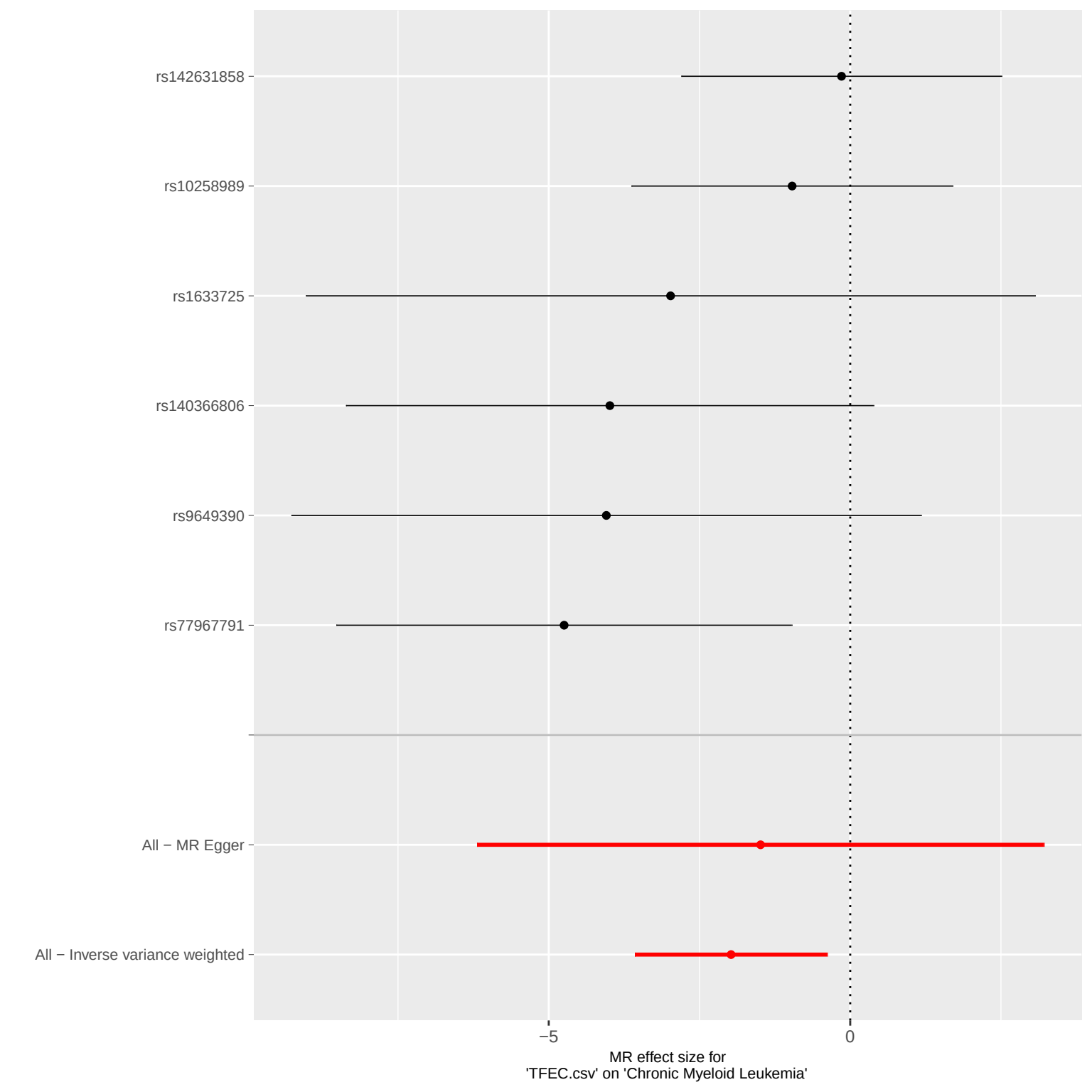
MR effect size for
'TEFM.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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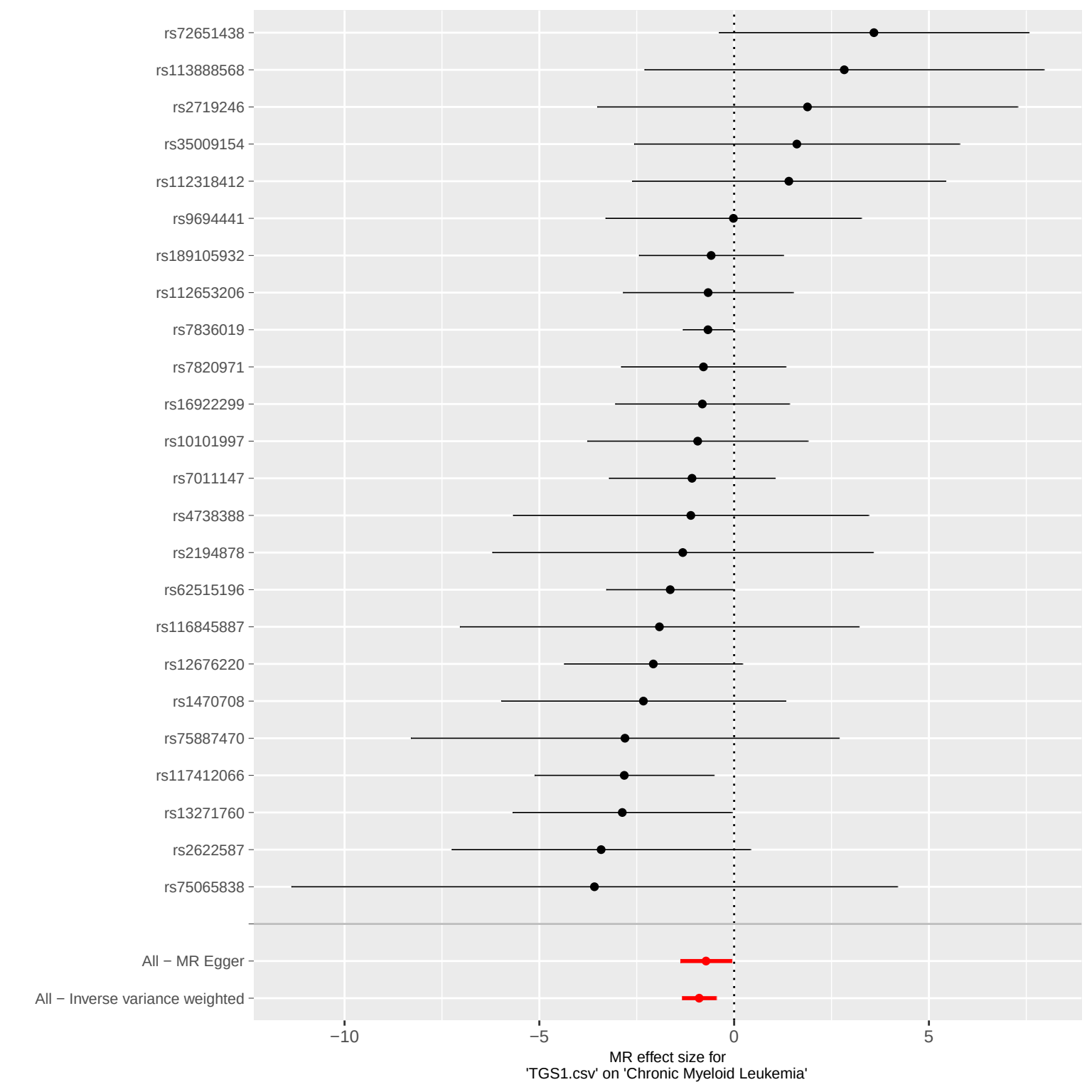
MR effect size for
'TFEC.csv' on 'Chronic Myeloid Leukemia'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rs13271760
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All − MR Egger
All − Inverse variance weighted
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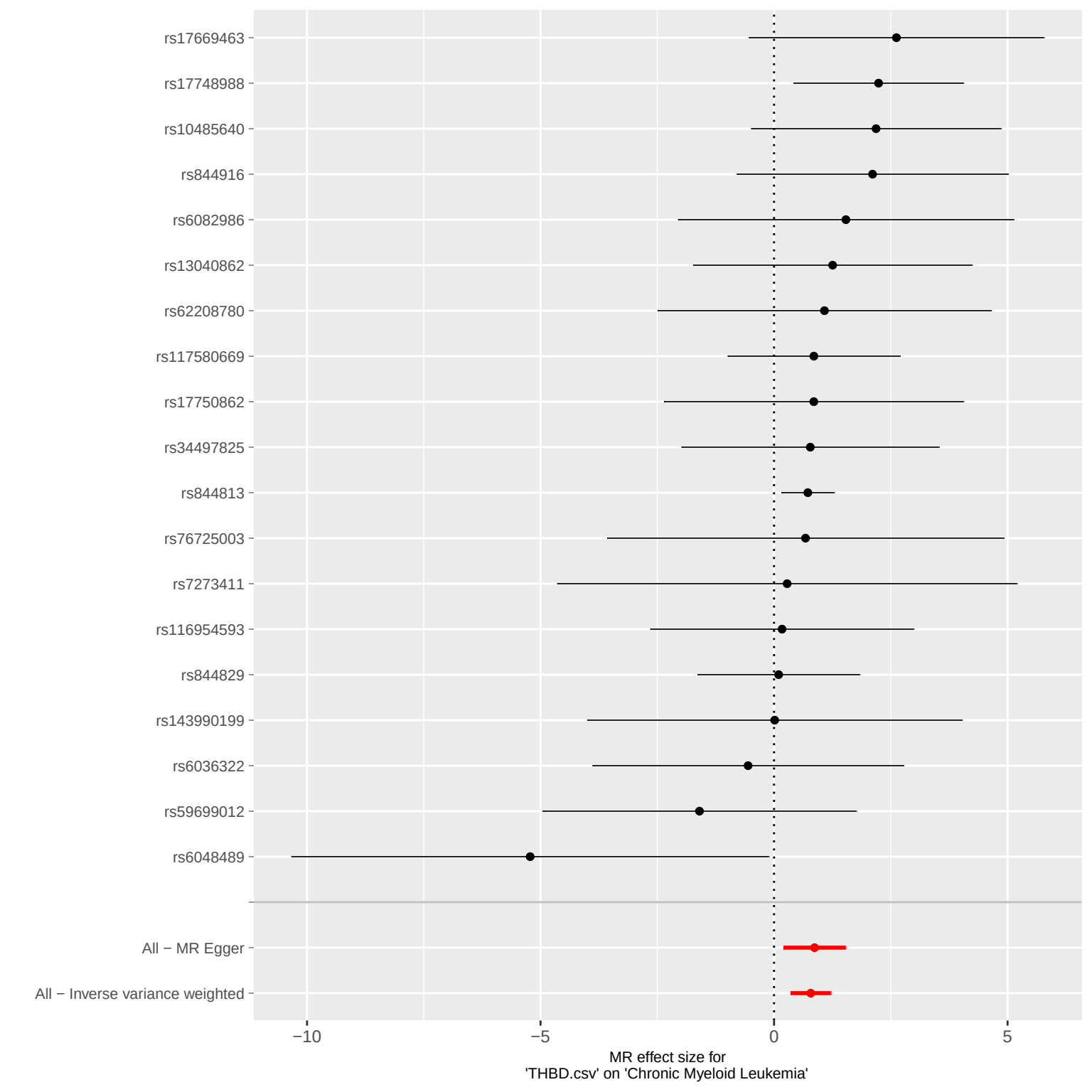
MR effect size for
'TGS1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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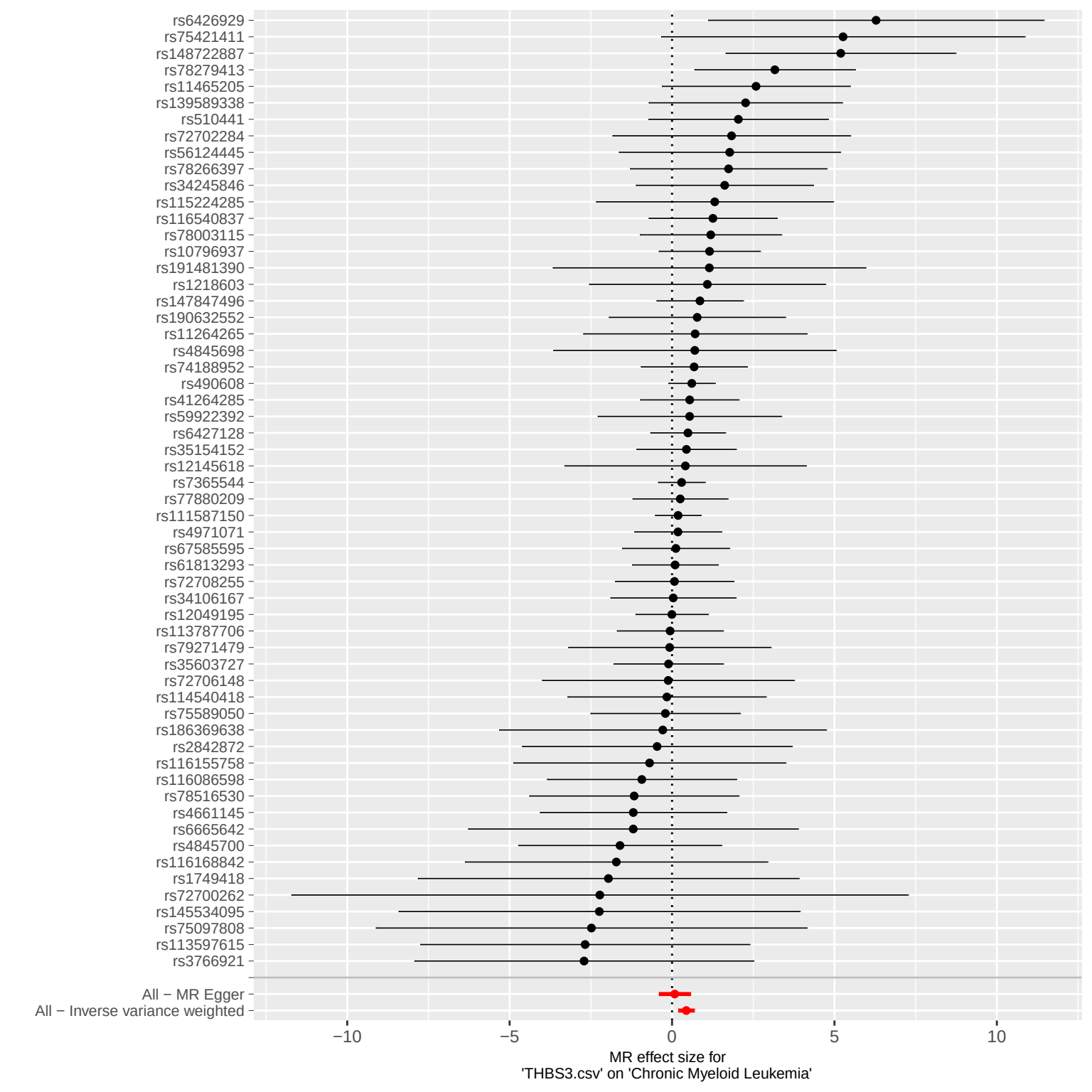
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rs145534095
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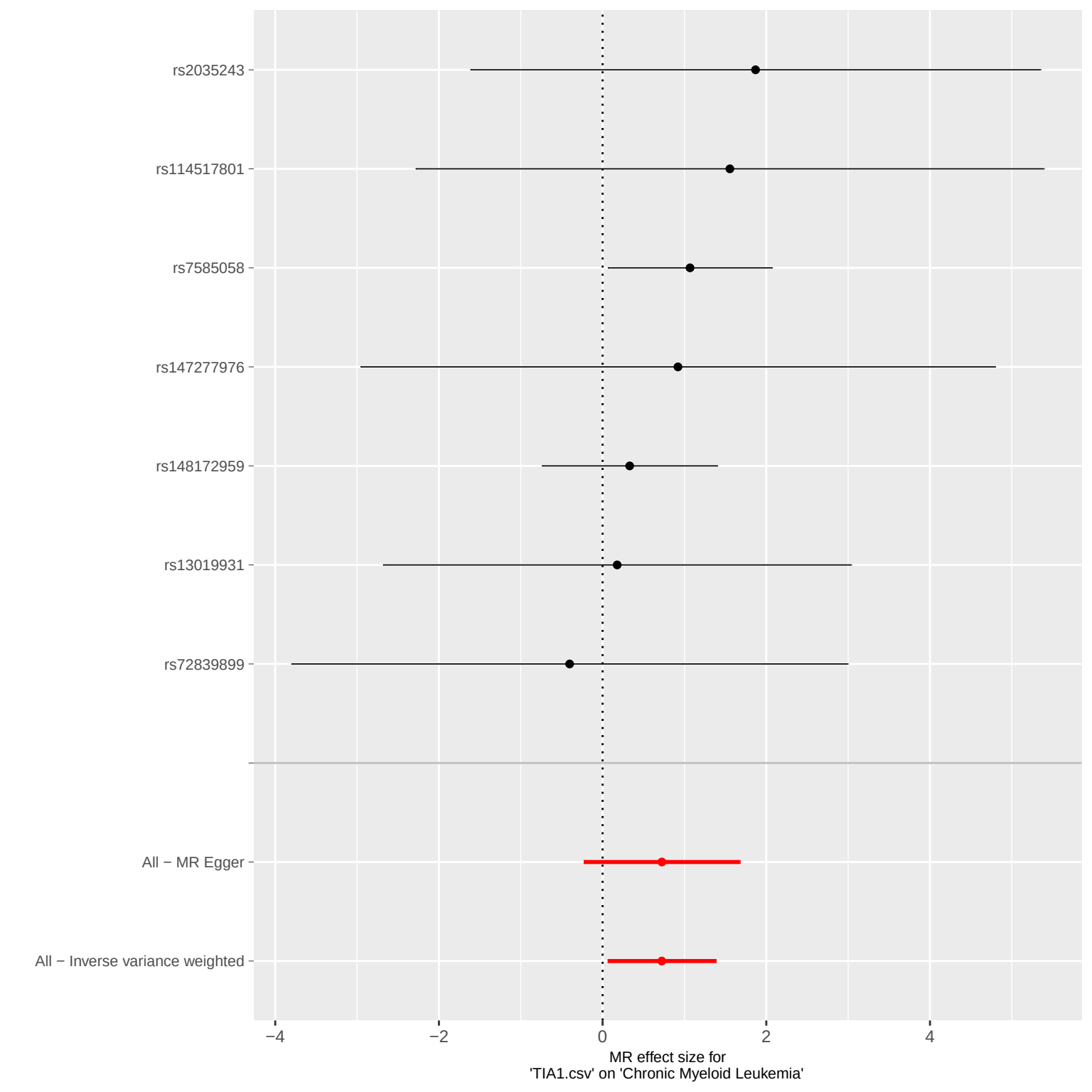
rs113597615
rs3766921
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'THBS3.csv' on 'Chronic Myeloid Leukemia'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rs148172959
rs13019931
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All − MR Egger
All − Inverse variance weighted
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0
2
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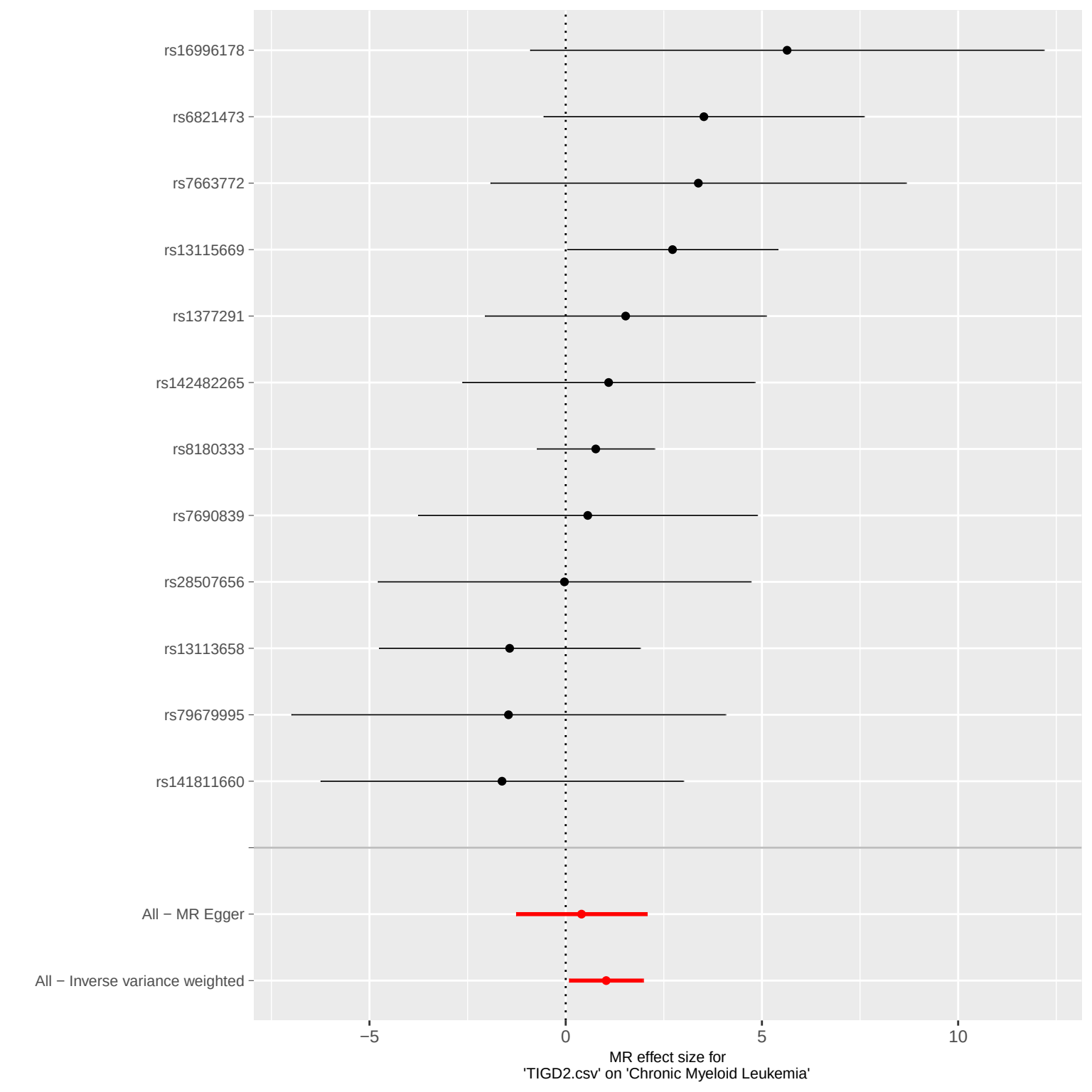
MR effect size for
'TIA1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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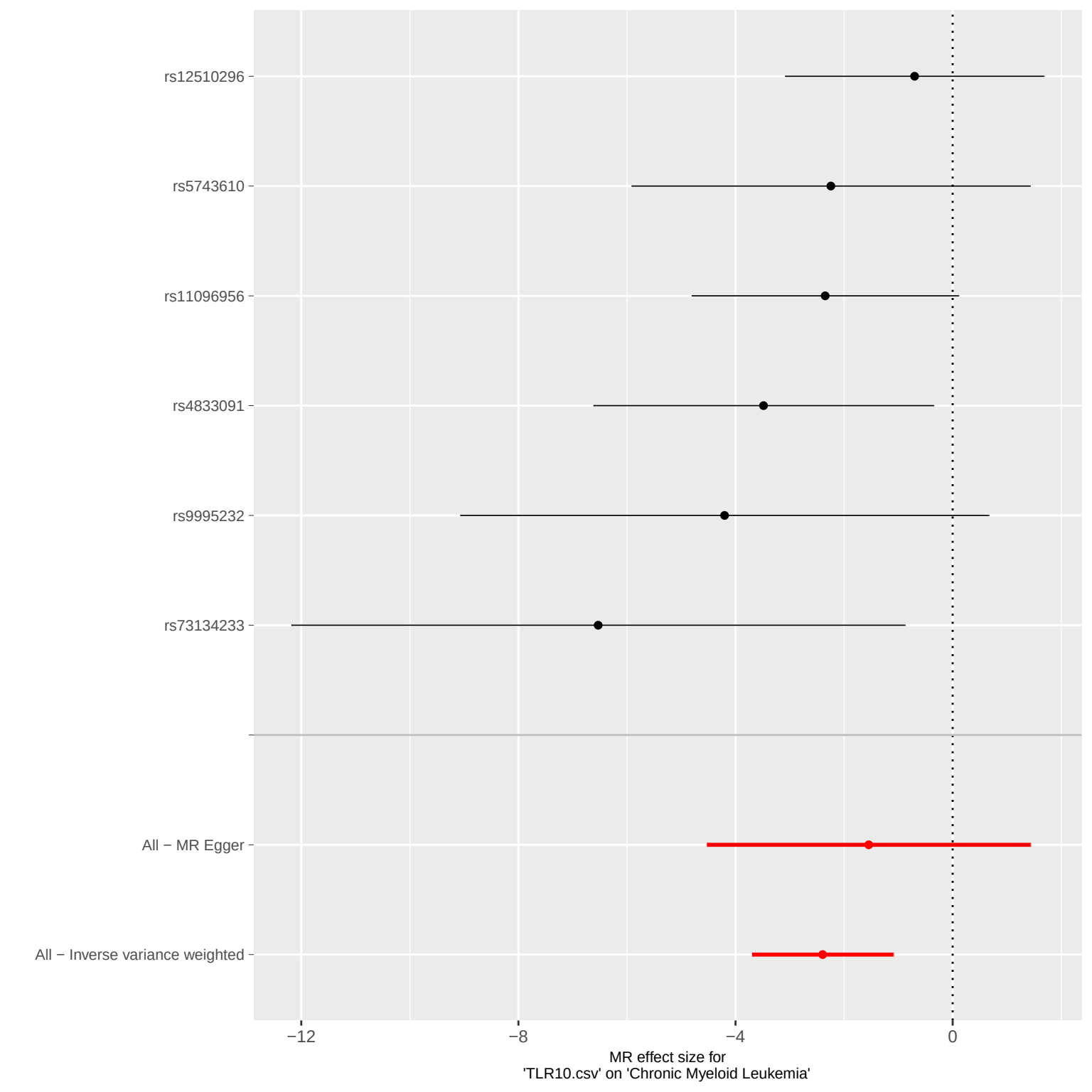
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All − MR Egger
All − Inverse variance weighted
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−8
−4
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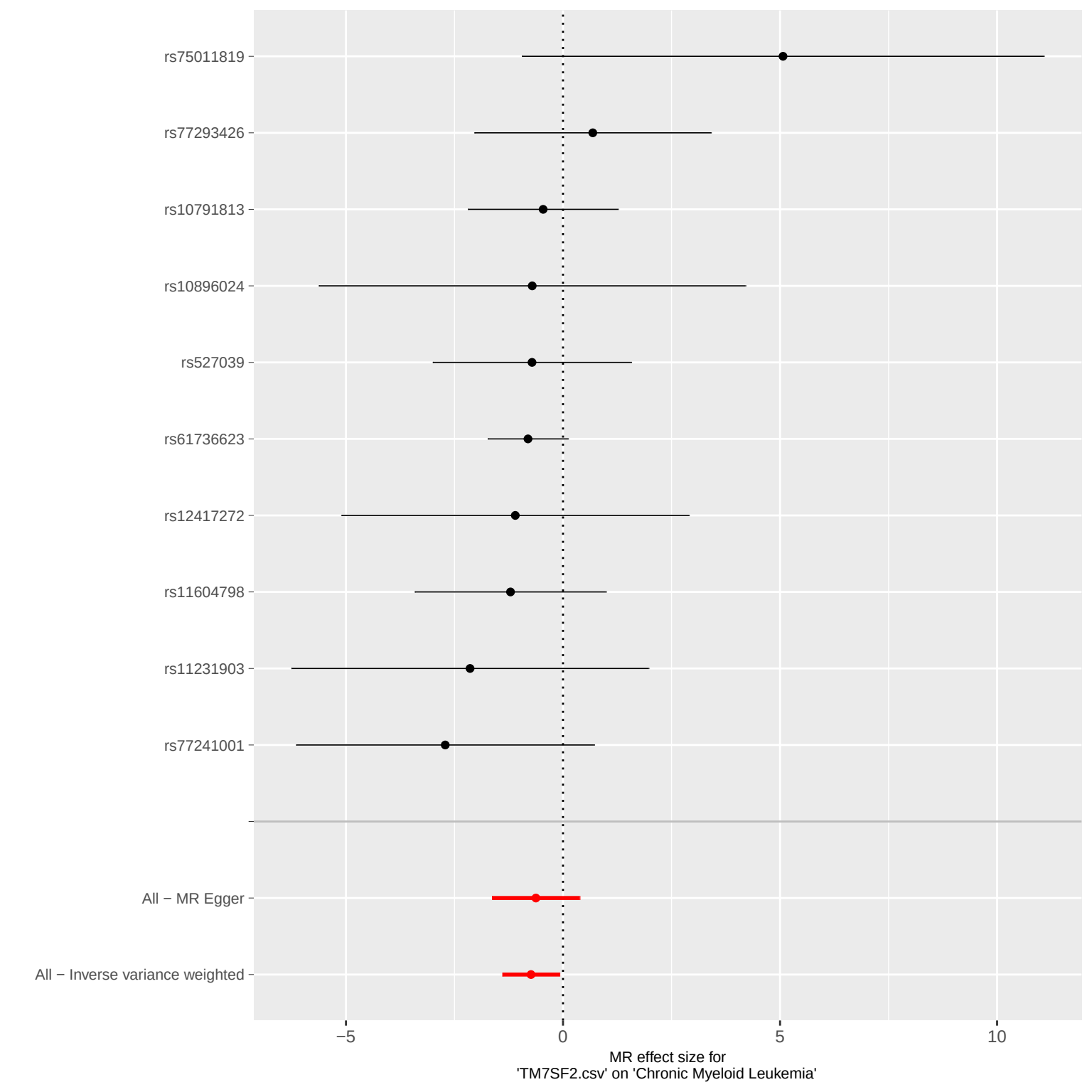
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All − Inverse variance weighted
−5
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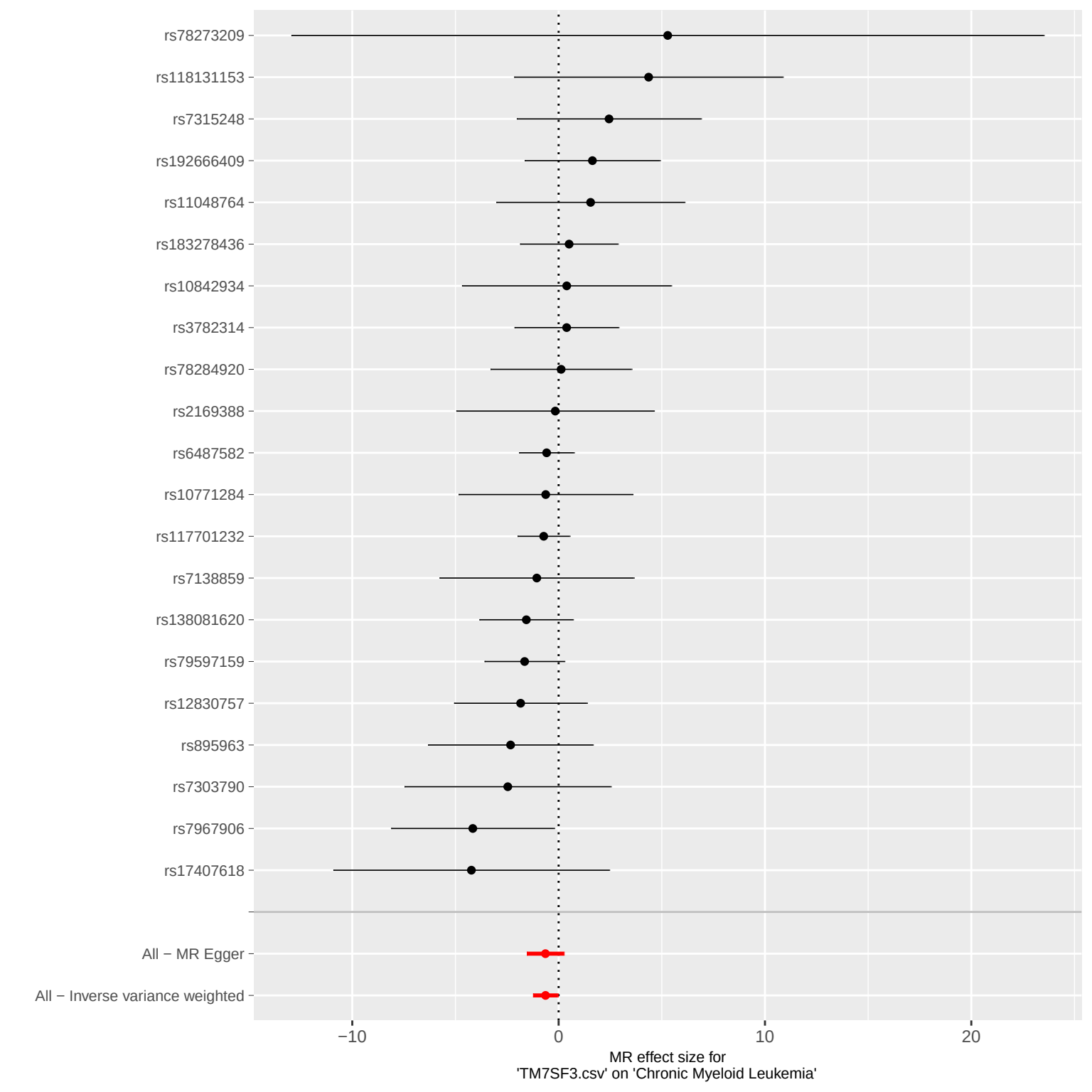
MR effect size for
'TM7SF2.csv' on 'Chronic Myeloid Leukemia'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rs12830757
rs895963
rs7303790
rs7967906
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All − MR Egger
All − Inverse variance weighted
−10
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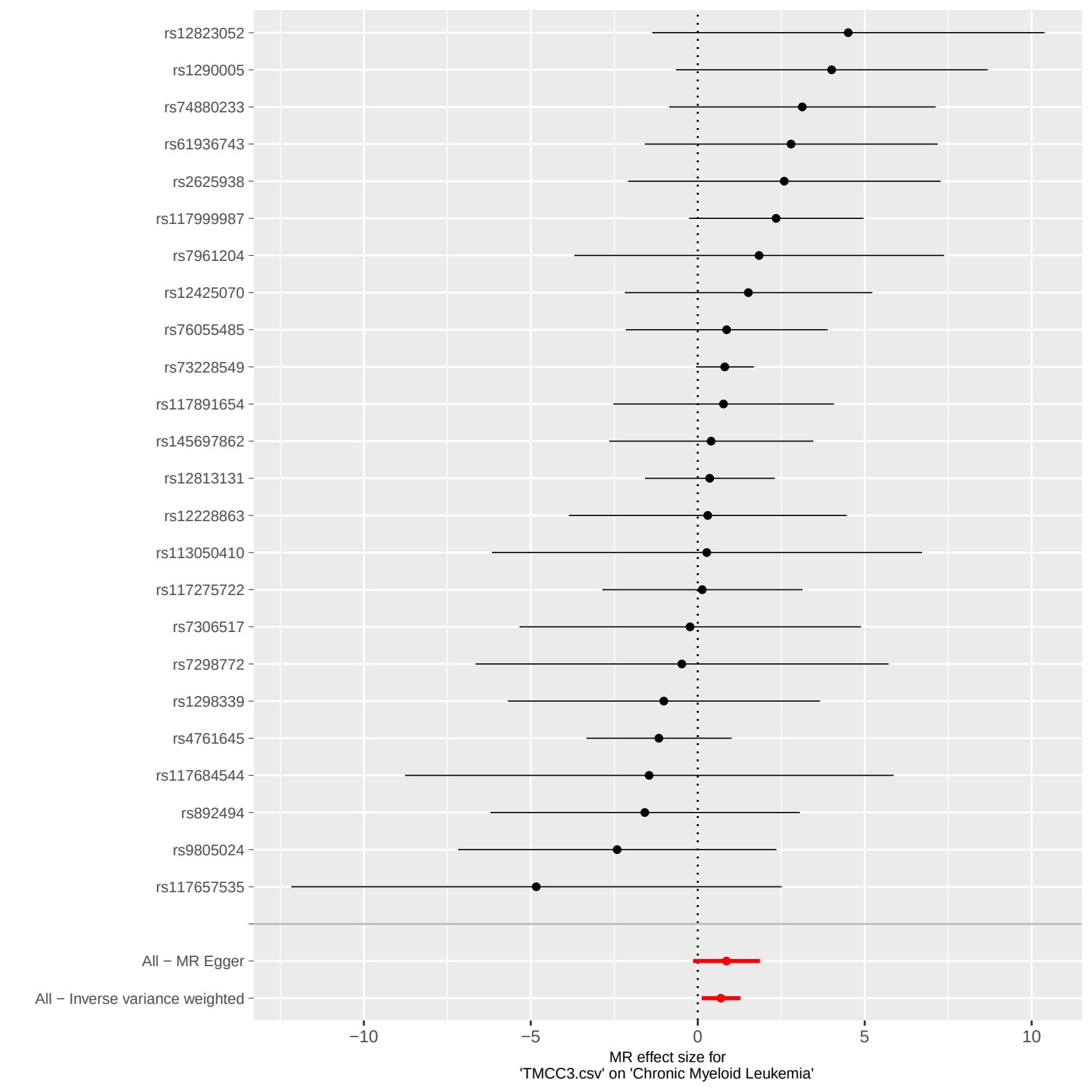
20
MR effect size for
'TM7SF3.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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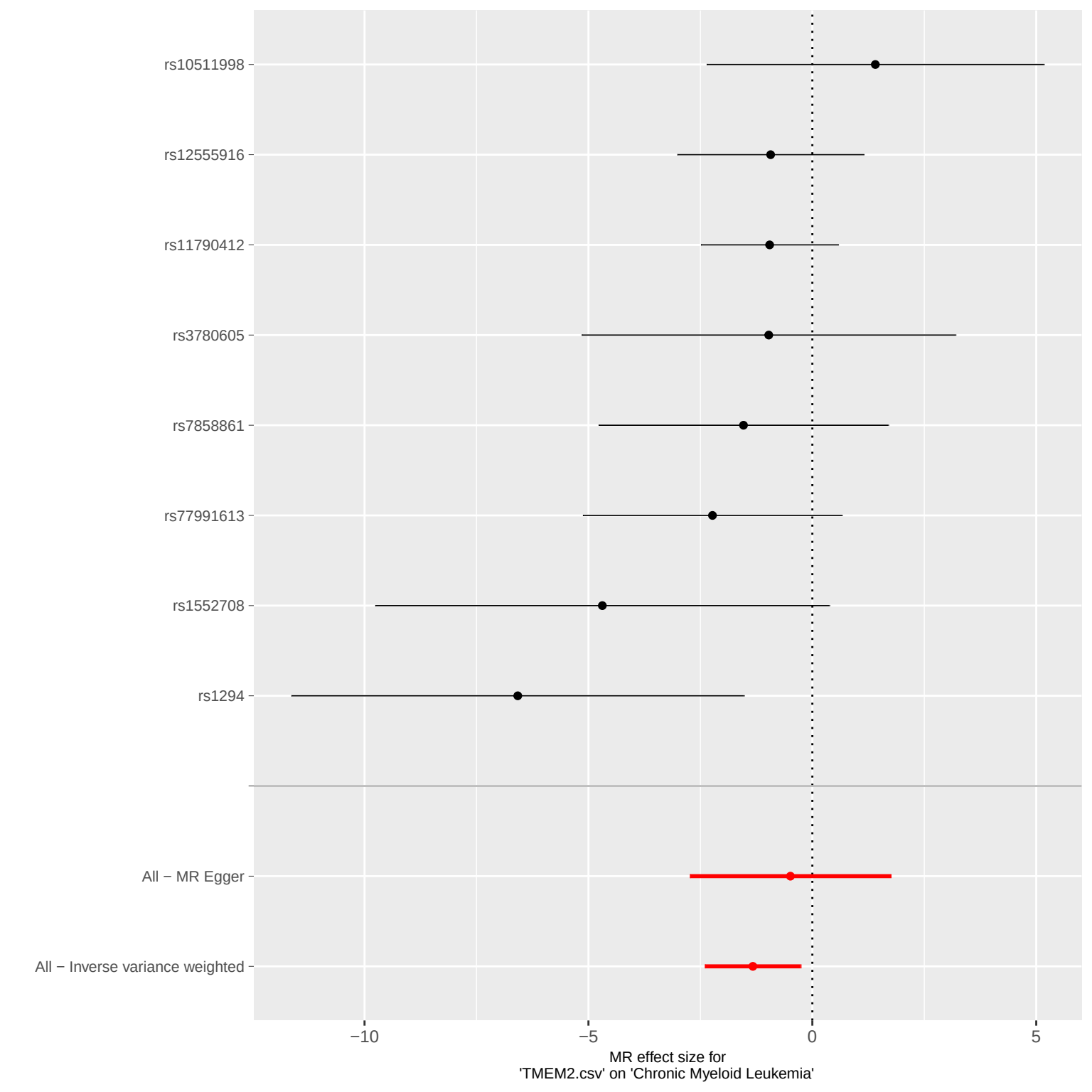
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All − MR Egger
All − Inverse variance weighted
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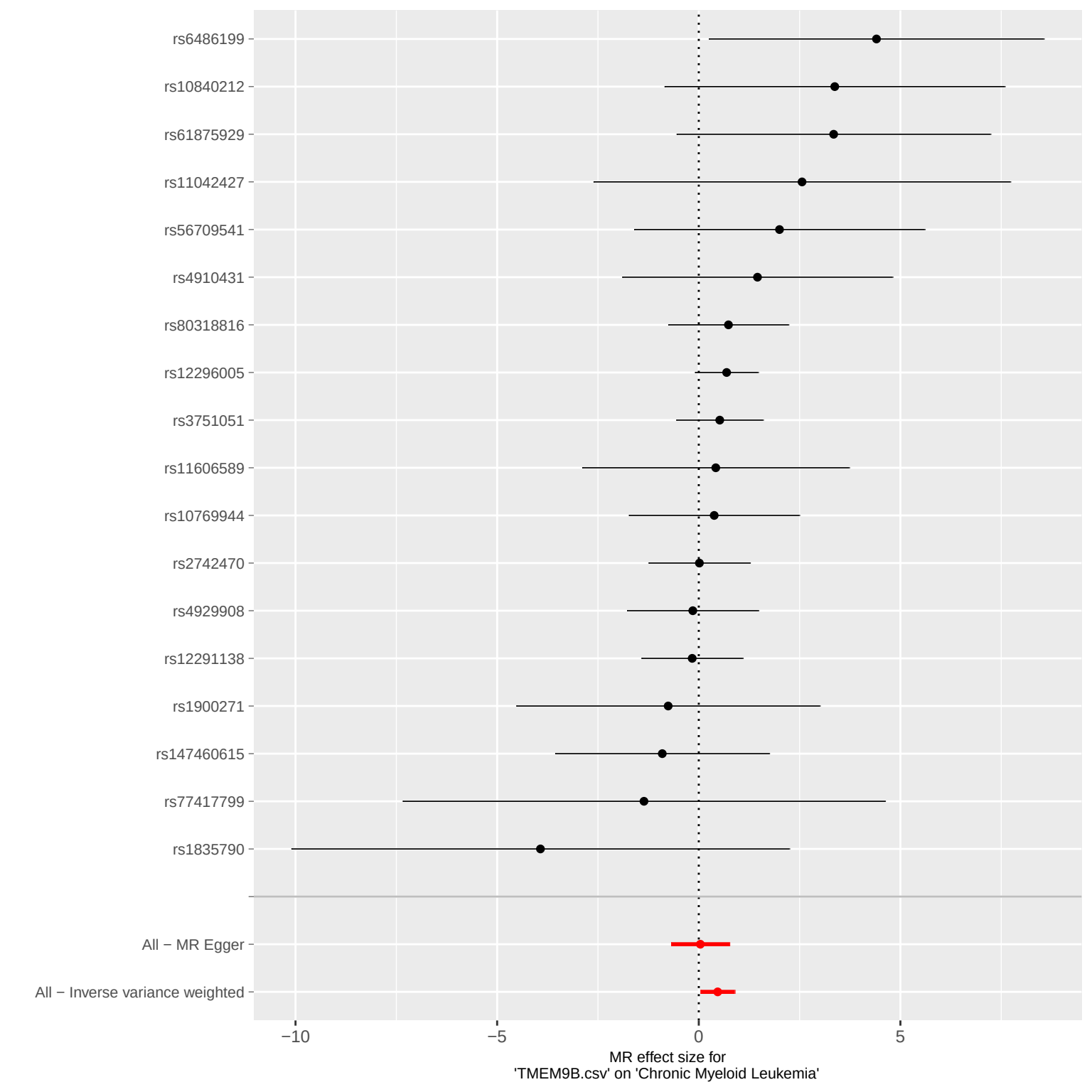
MR effect size for
'TMEM2.csv' on 'Chronic Myeloid Leukemia'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rs4929908
rs12291138
rs1900271
rs147460615
rs77417799
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All − MR Egger
All − Inverse variance weighted
−10
−5
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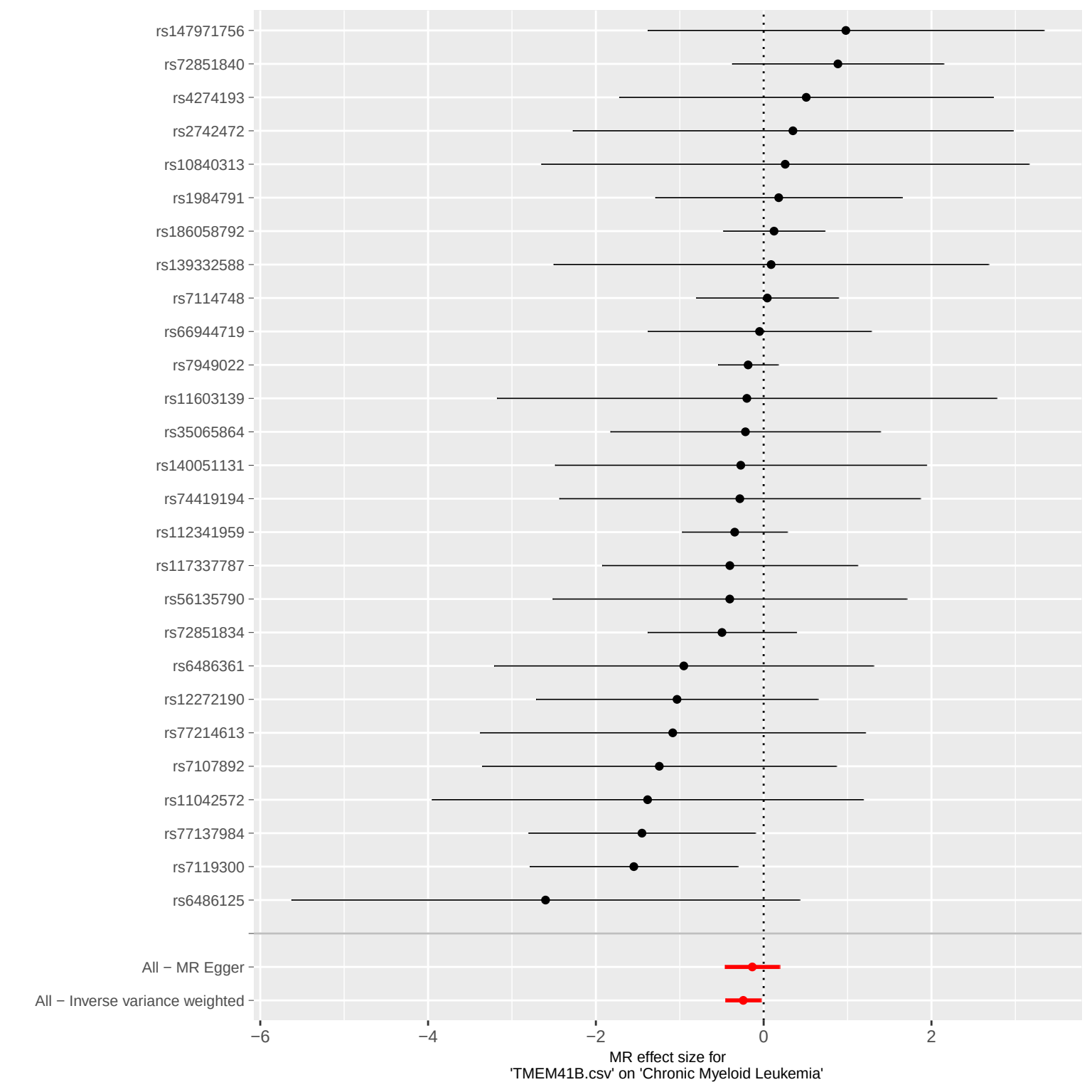
5
MR effect size for
'TMEM9B.csv' on 'Chronic Myeloid Leukemia'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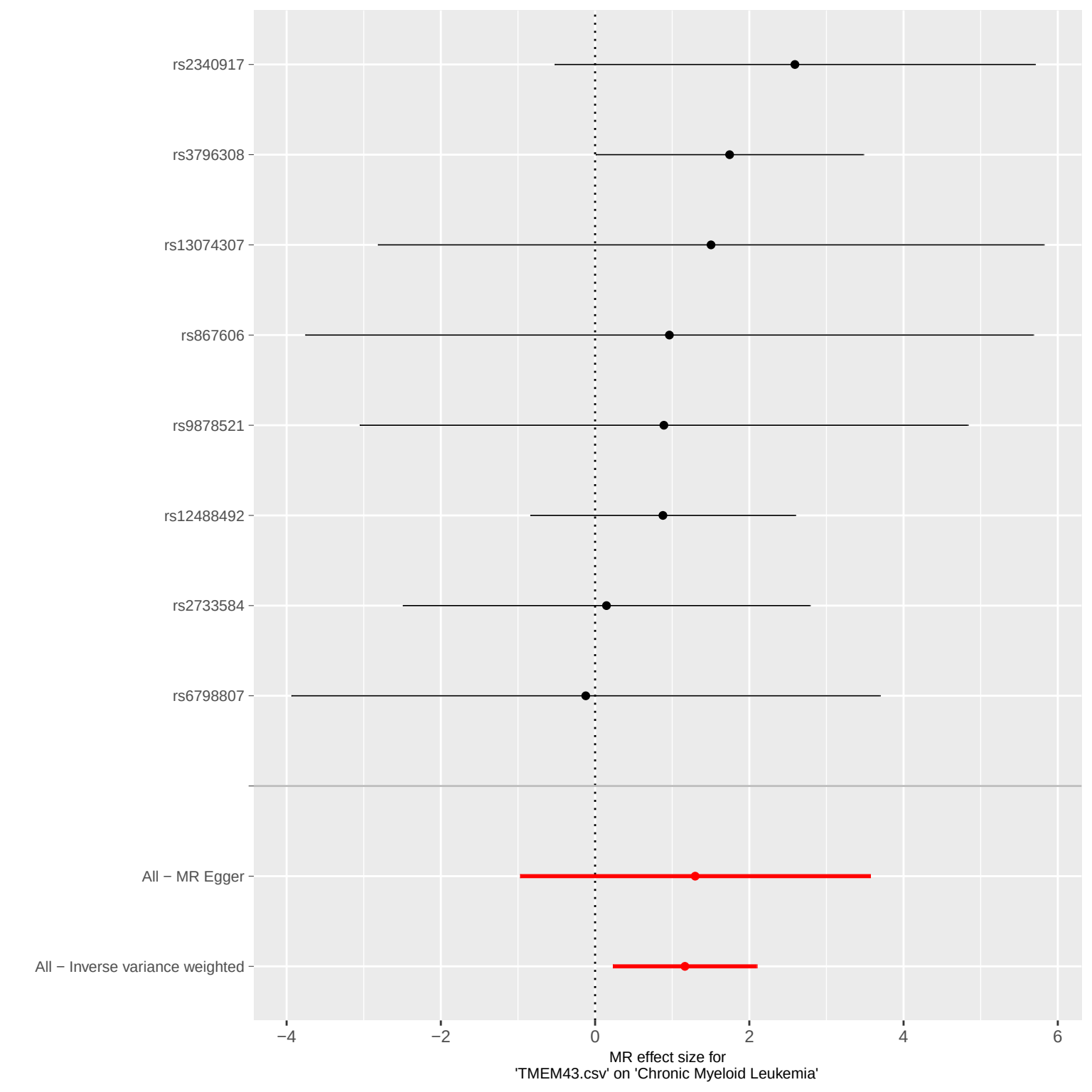
rs72851834
rs6486361
rs12272190
rs77214613
rs7107892
rs11042572
rs77137984
rs7119300
rs6486125
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'TMEM41B.csv' on 'Chronic Myeloid Leukemia'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rs2733584
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All − MR Egger
All − Inverse variance weighted
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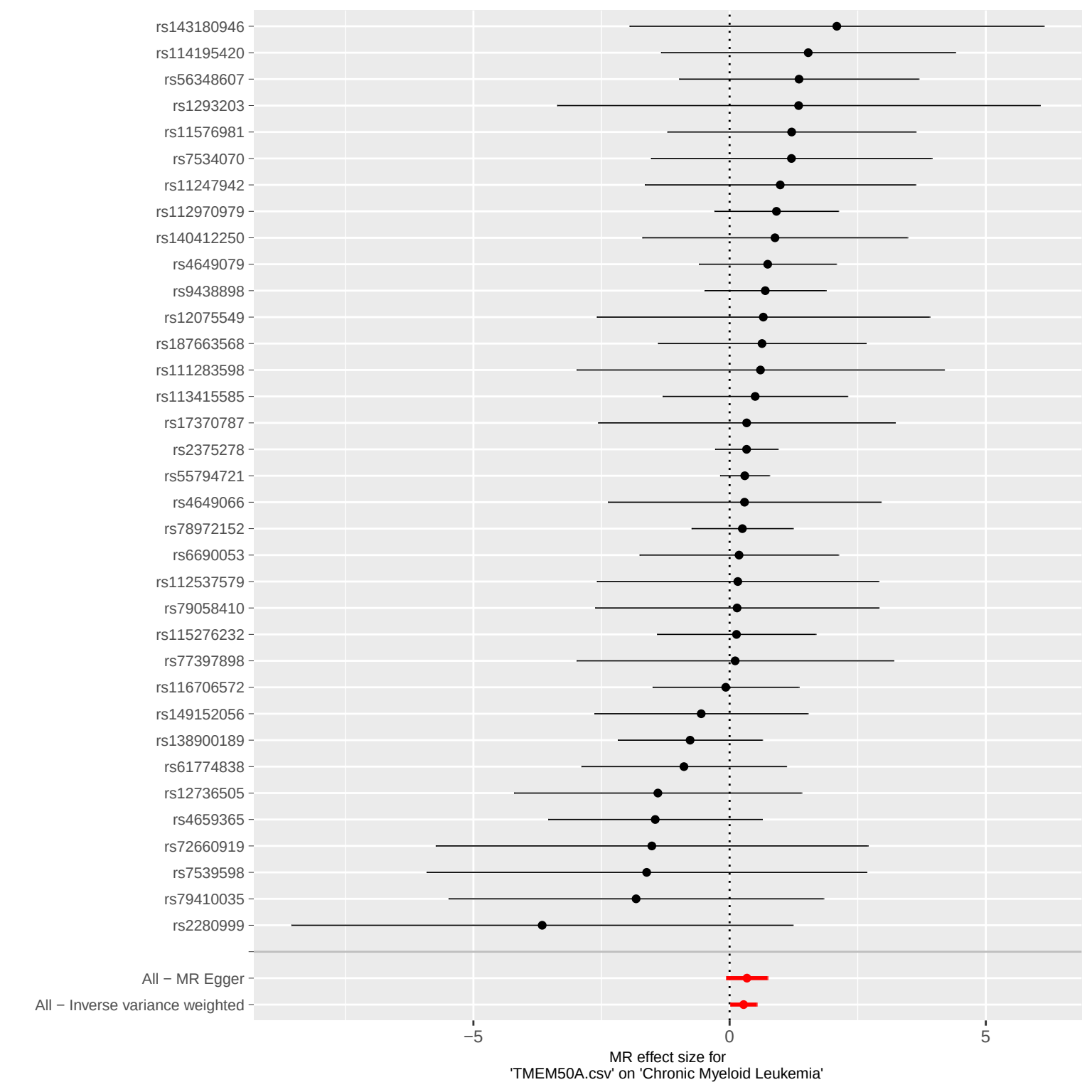
−2
0
2
4
6
MR effect size for
'TMEM43.csv' on 'Chronic Myeloid Leukemia'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rs12736505
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rs72660919
rs7539598
rs79410035
rs2280999
All − MR Egger
All − Inverse variance weighted
−5
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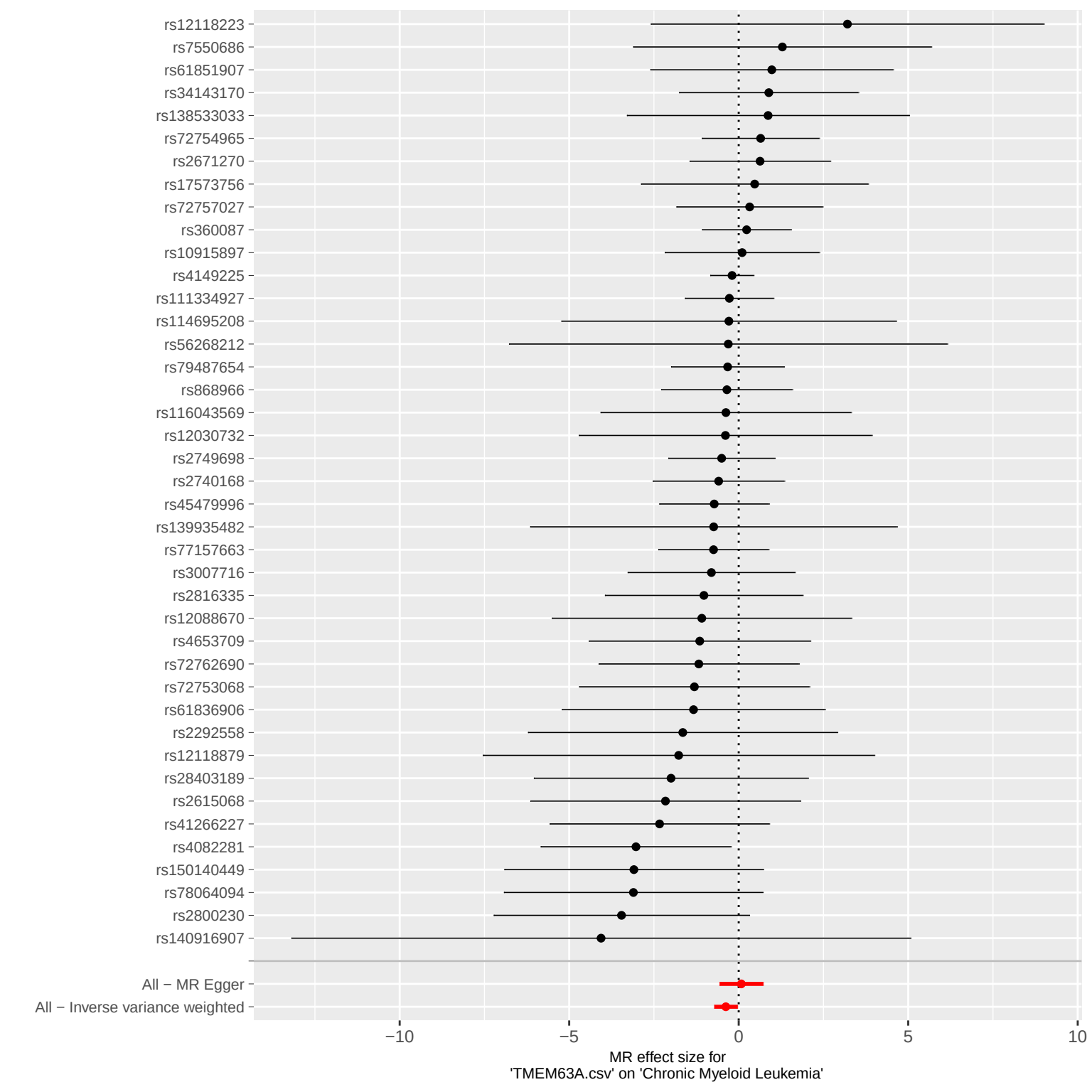
5
MR effect size for
'TMEM50A.csv' on 'Chronic Myeloid Leukemia'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rs10915897
rs4149225
rs111334927
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rs56268212
rs79487654
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rs4653709
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rs2292558
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rs28403189
rs2615068
rs41266227
rs4082281
rs150140449
rs78064094
rs2800230
rs140916907
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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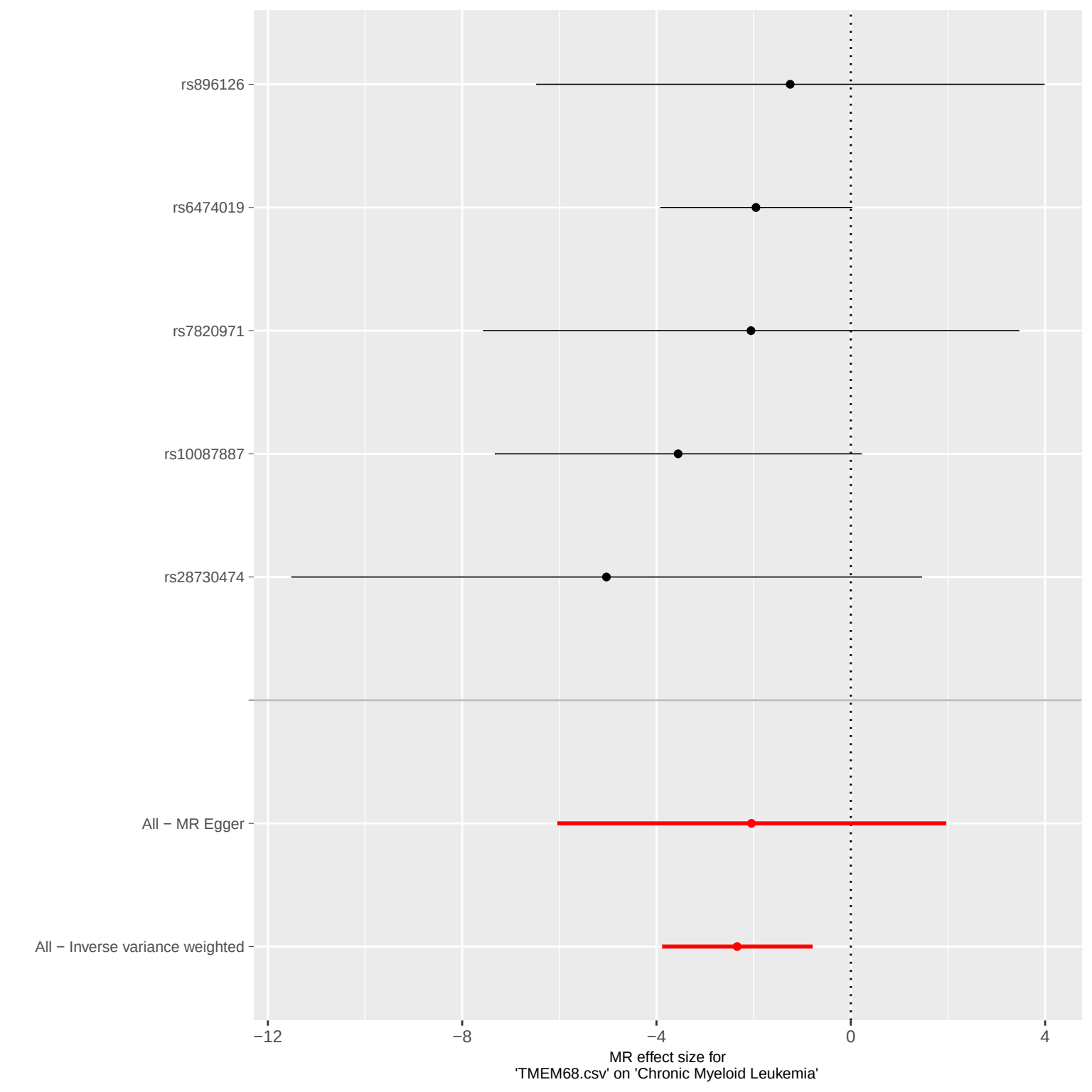
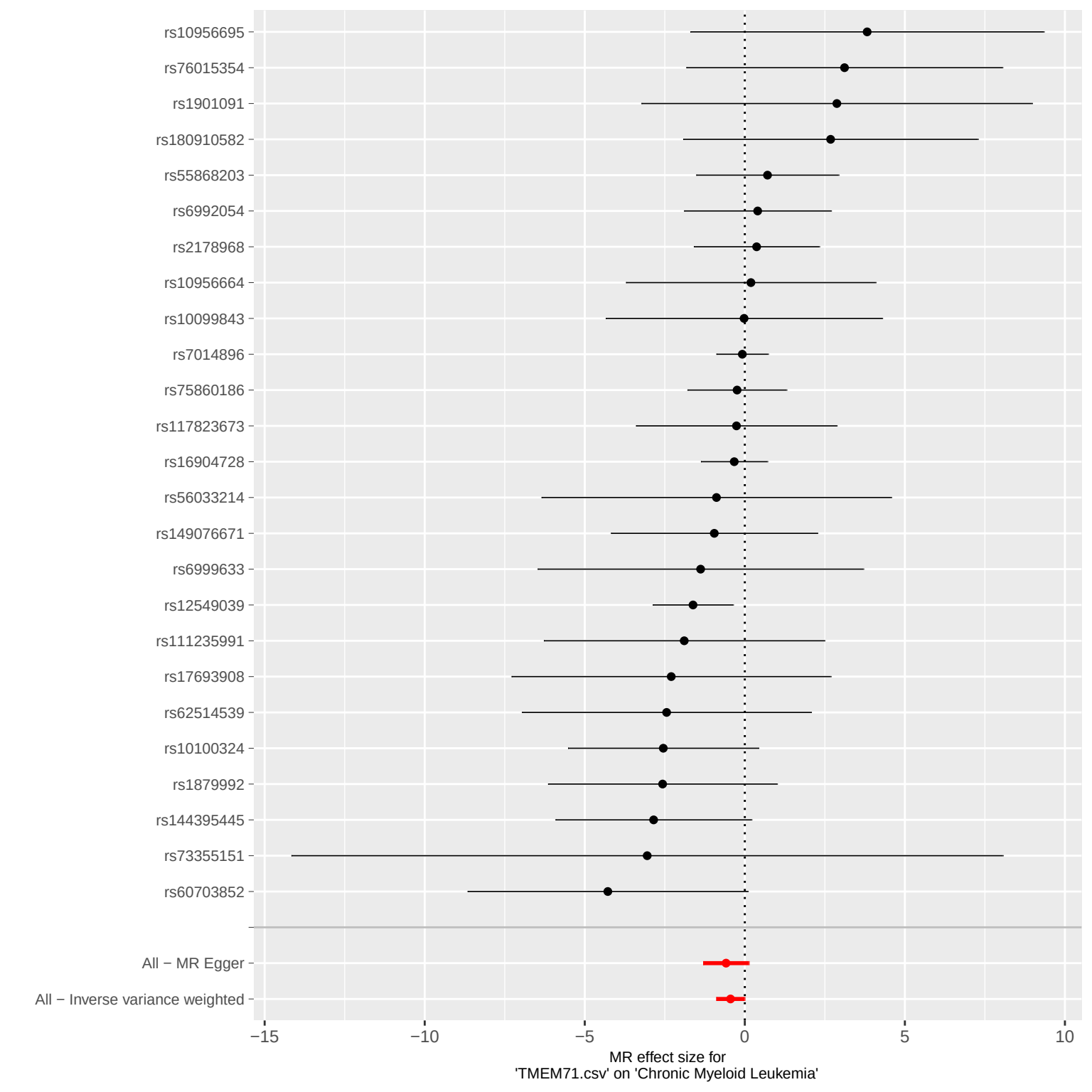
10
MR effect size for
'TMEM63A.csv' on 'Chronic Myeloid Leukemia'


rs896126
rs6474019
rs7820971
rs10087887
rs28730474
All − MR Egger
All − Inverse variance weighted
−12
−8
−4
0
4
MR effect size for
'TMEM68.csv' on 'Chronic Myeloid Leukemia'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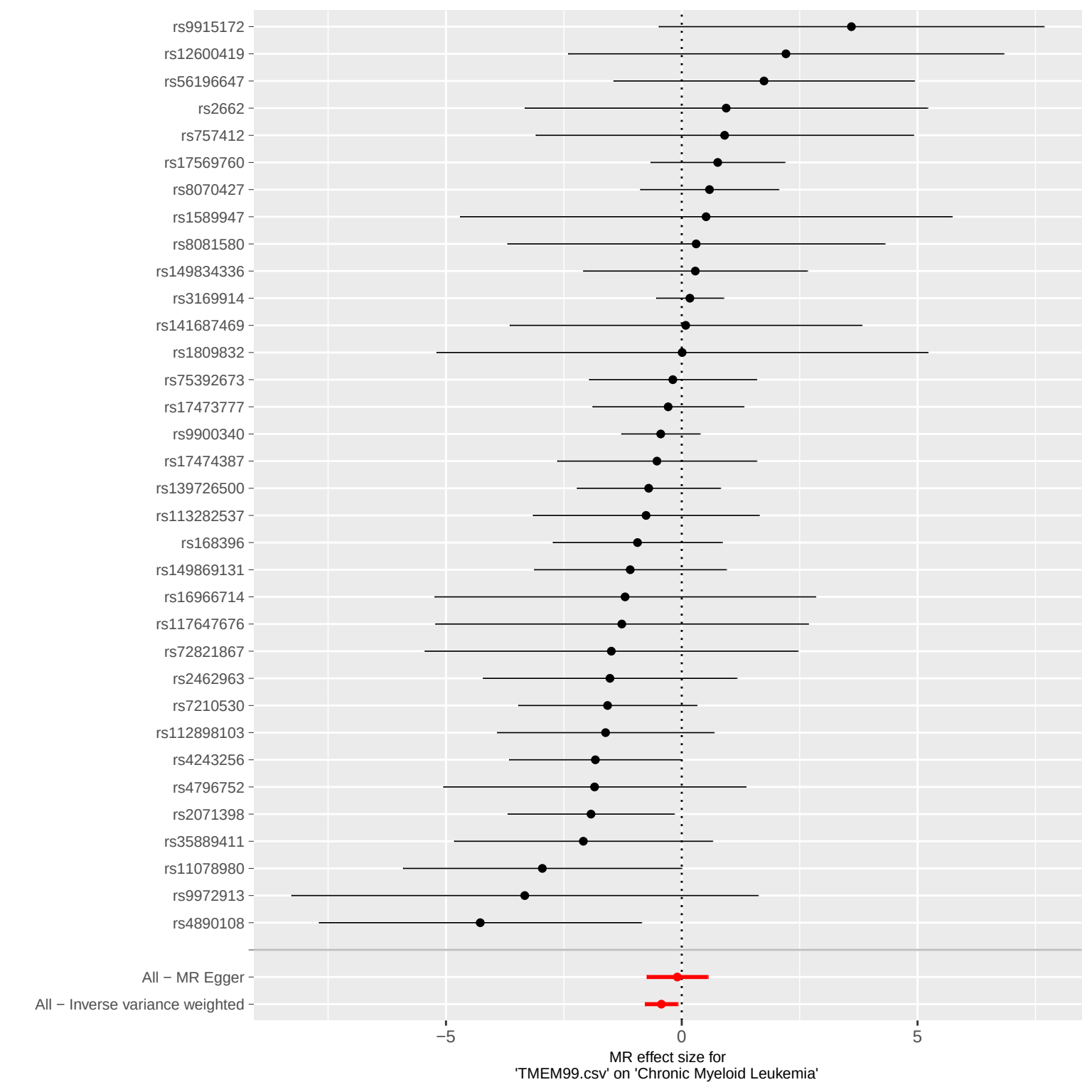
rs6999633
rs12549039
rs111235991
rs17693908
rs62514539
rs10100324
rs1879992
rs144395445
rs73355151
rs60703852
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
10
MR effect size for
'TMEM71.csv' on 'Chronic Myeloid Leukemia'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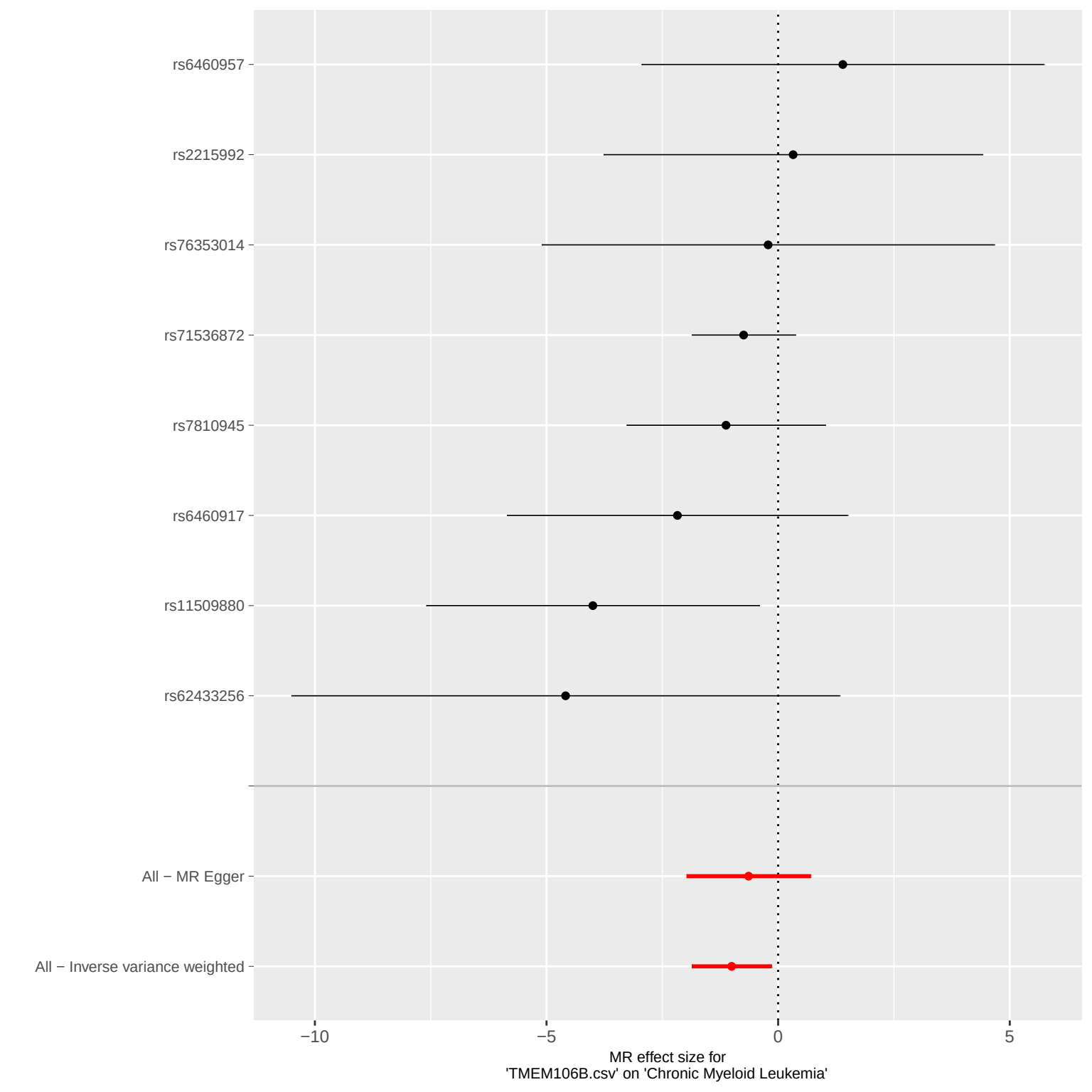
rs75392673
rs17473777
rs9900340
rs17474387
rs139726500
rs113282537
rs168396
rs149869131
rs16966714
rs117647676
rs72821867
rs2462963
rs7210530
rs112898103
rs4243256
rs4796752
rs2071398
rs35889411
rs11078980
rs9972913
rs4890108
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TMEM99.csv' on 'Chronic Myeloid Leukemia'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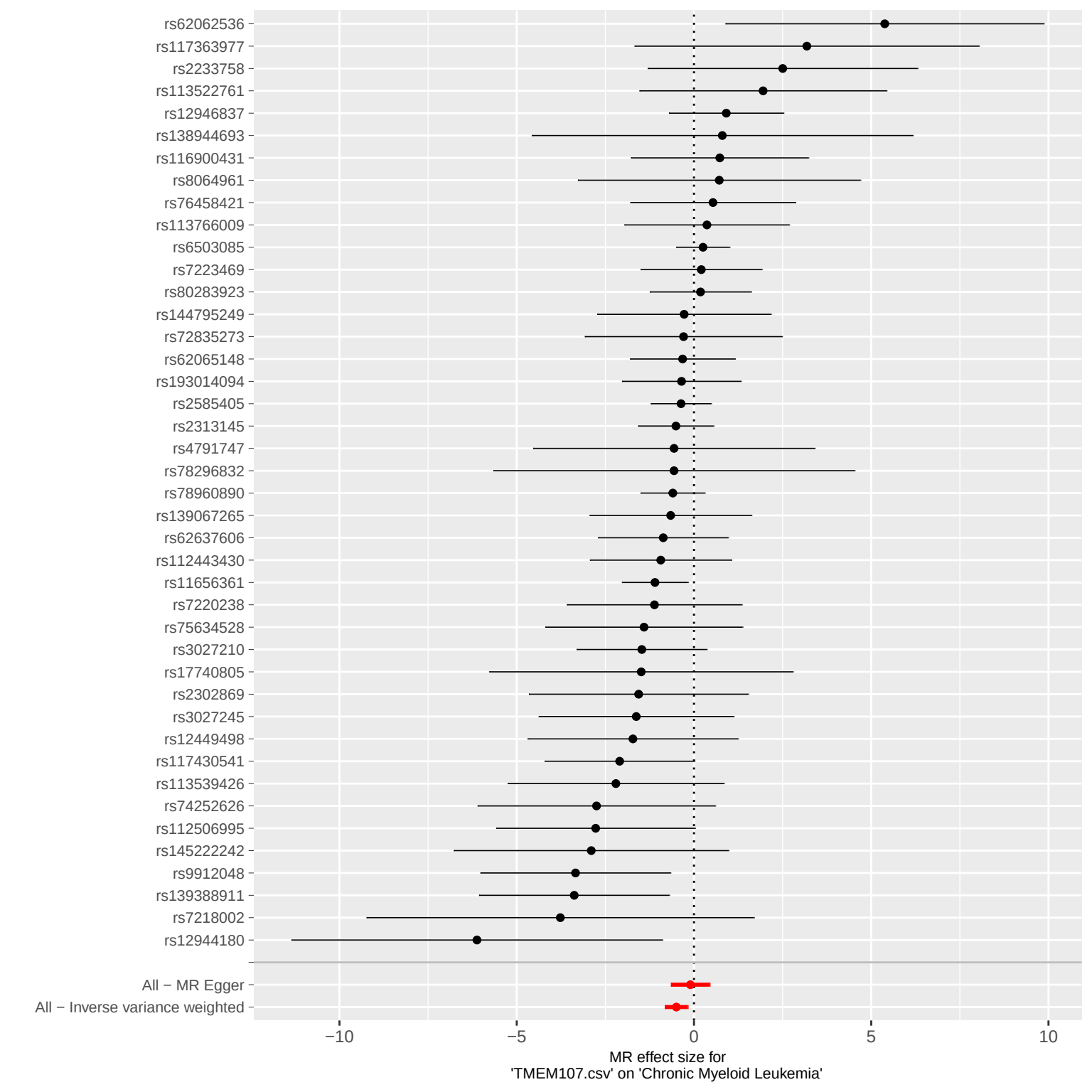
rs76353014
rs71536872
rs7810945
rs6460917
rs11509880
rs62433256
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TMEM106B.csv' on 'Chronic Myeloid Leukemia'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rs72835273
rs62065148
rs193014094
rs2585405
rs2313145
rs4791747
rs78296832
rs78960890
rs139067265
rs62637606
rs112443430
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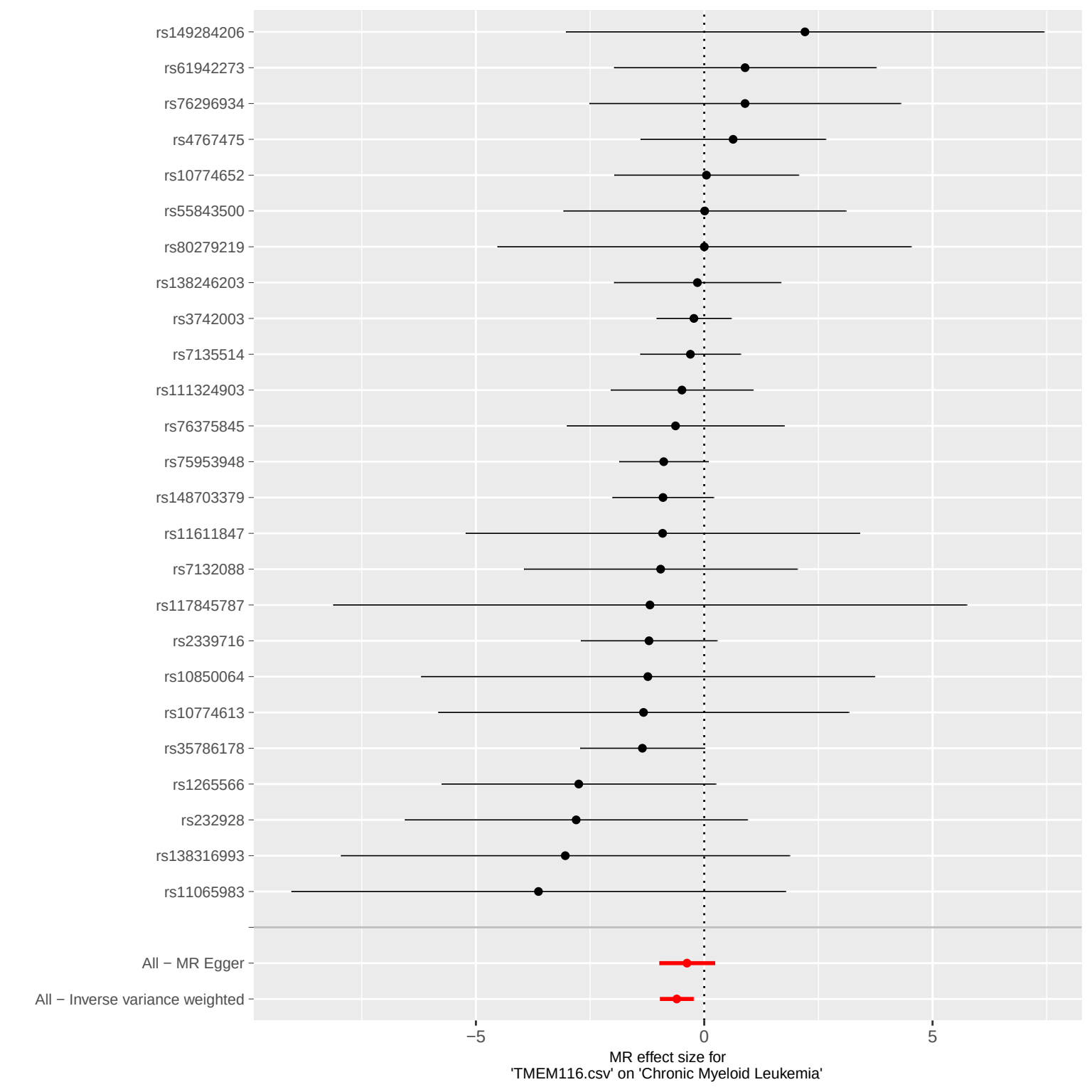
rs7220238
rs75634528
rs3027210
rs17740805
rs2302869
rs3027245
rs12449498
rs117430541
rs113539426
rs74252626
rs112506995
rs145222242
rs9912048
rs139388911
rs7218002
rs12944180
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TMEM107.csv' on 'Chronic Myeloid Leukemia'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rs76296934
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rs138246203
rs3742003
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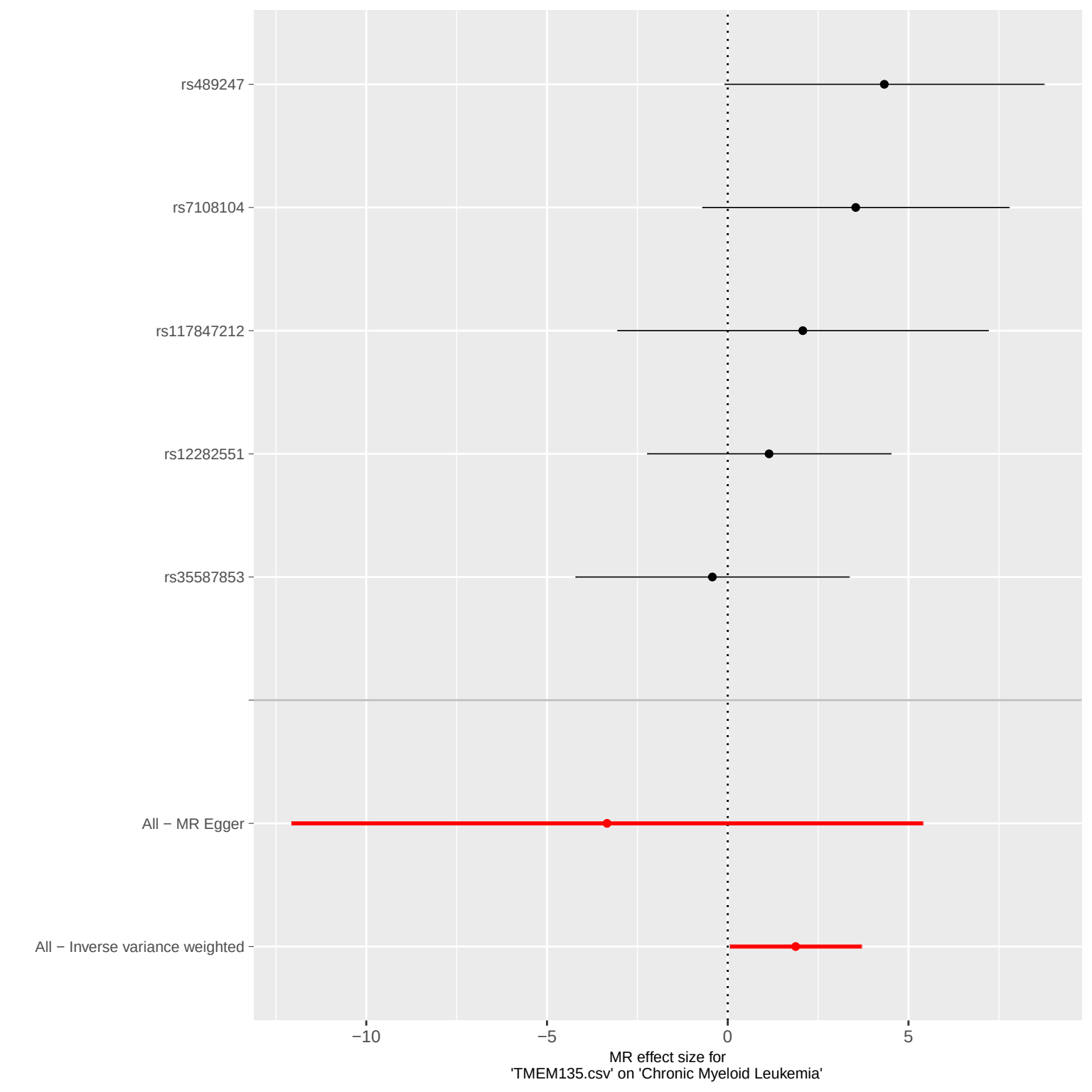
rs76375845
rs75953948
rs148703379
rs11611847
rs7132088
rs117845787
rs2339716
rs10850064
rs10774613
rs35786178
rs1265566
rs232928
rs138316993
rs11065983
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TMEM116.csv' on 'Chronic Myeloid Leukemia'


rs489247
rs7108104
rs117847212
rs12282551
rs35587853
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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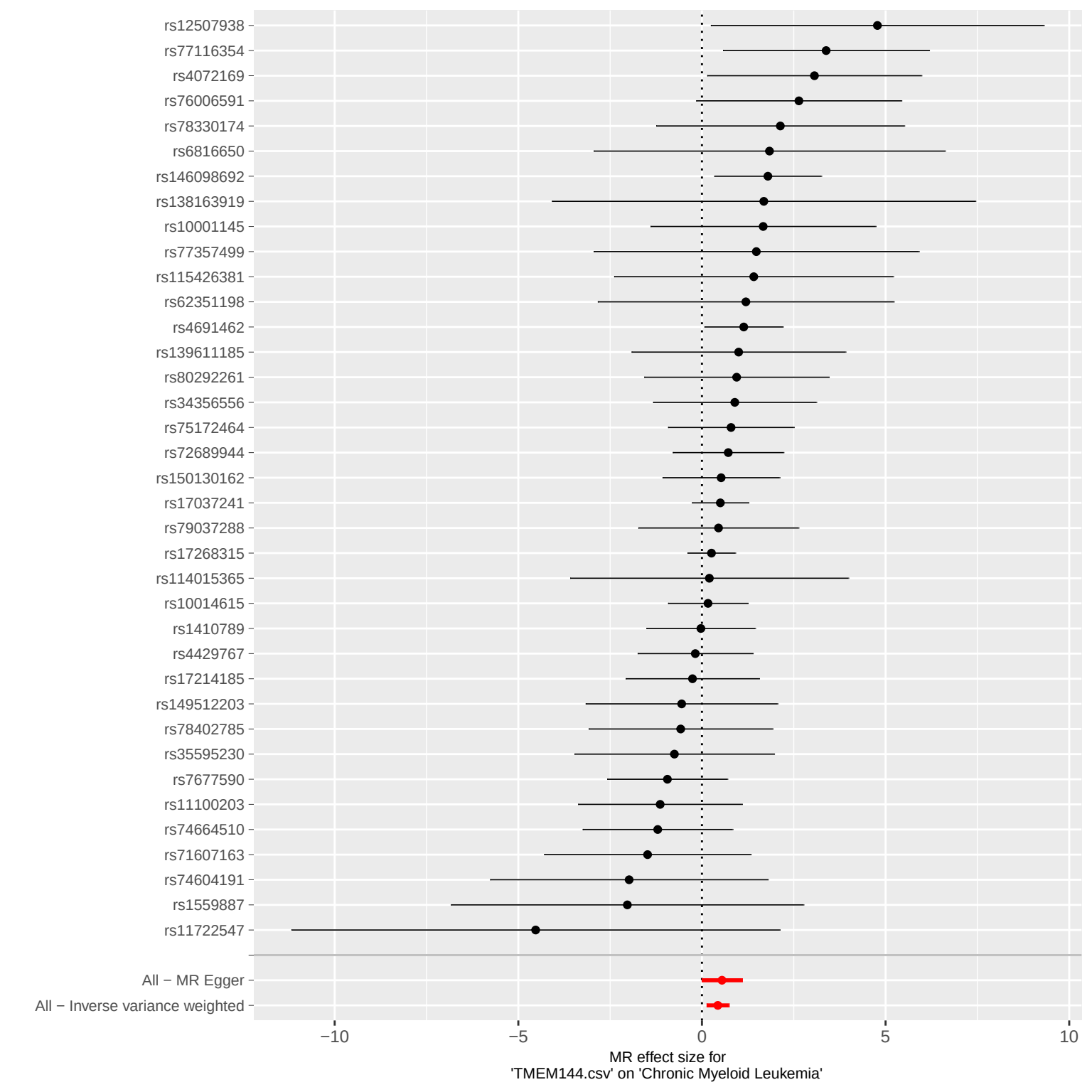
MR effect size for
'TMEM135.csv' on 'Chronic Myeloid Leukemia'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rs138163919
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rs34356556
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rs72689944
rs150130162
rs17037241
rs79037288
rs17268315
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rs10014615
rs1410789
rs4429767
rs17214185
rs149512203
rs78402785
rs35595230
rs7677590
rs11100203
rs74664510
rs71607163
rs74604191
rs1559887
rs11722547
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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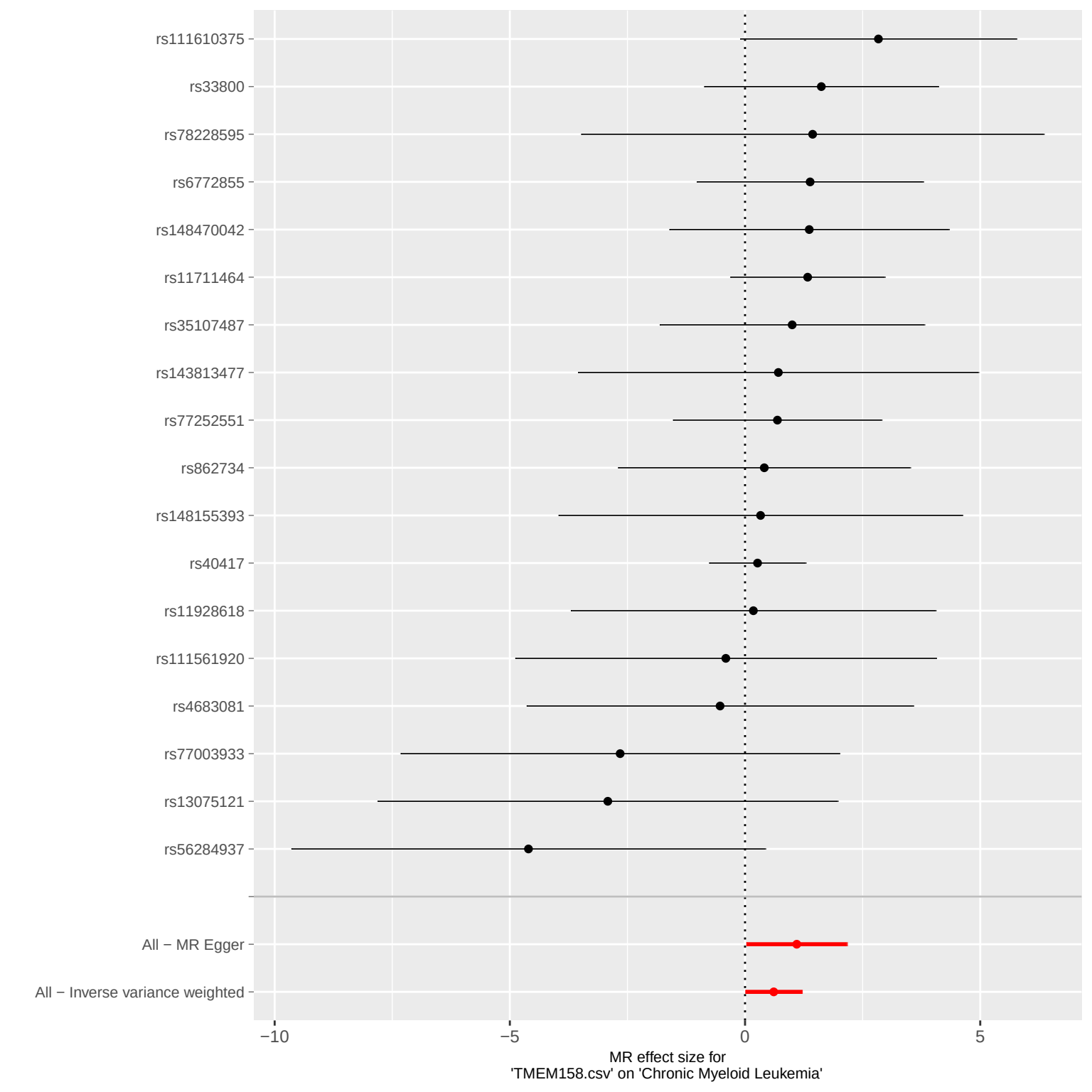
MR effect size for
'TMEM144.csv' on 'Chronic Myeloid Leukemia'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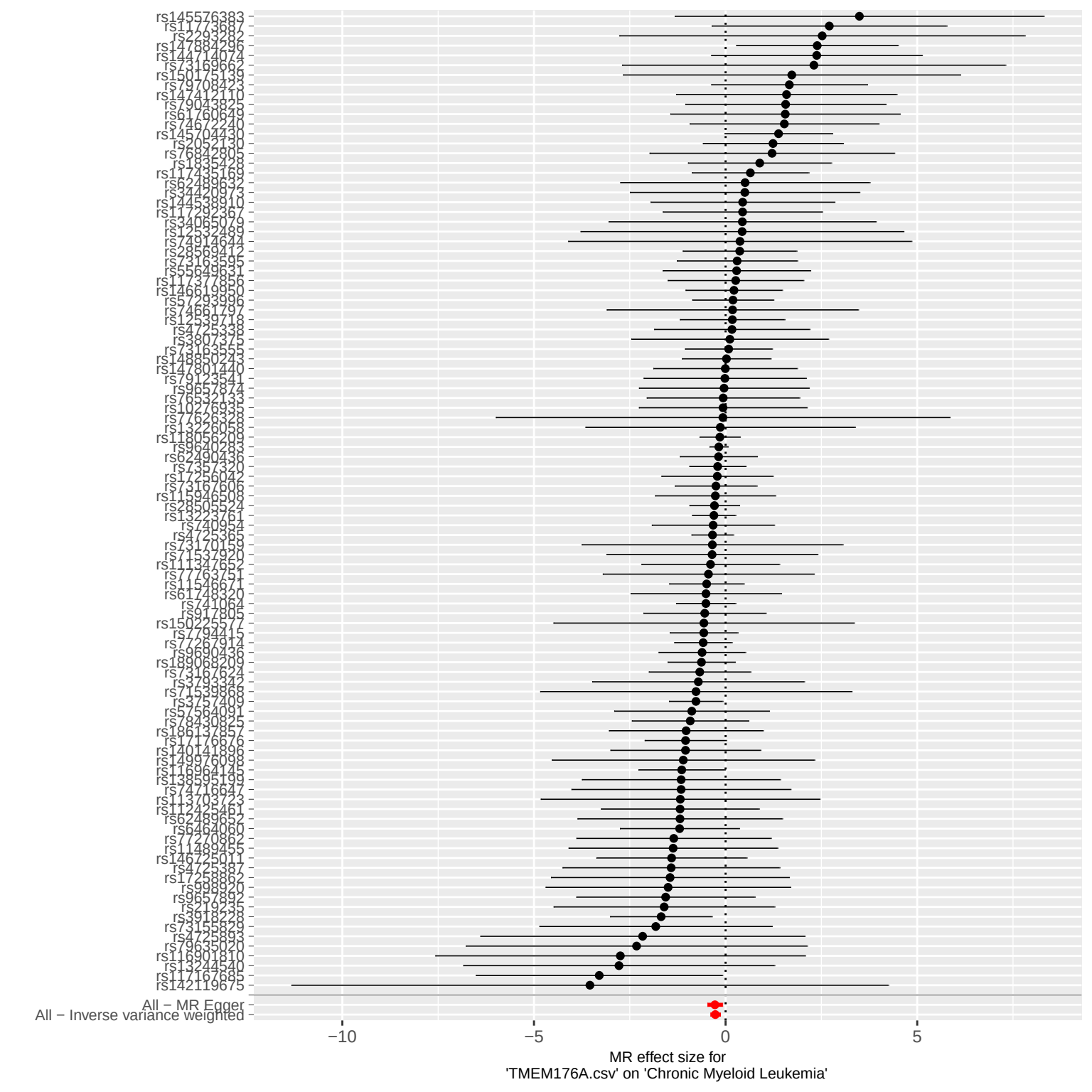
rs11928618
rs111561920
rs4683081
rs77003933
rs13075121
rs56284937
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TMEM158.csv' on 'Chronic Myeloid Leukemia'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rs61760649
rs74672240
rs145704430
rs2052130
rs76842805
rs1835428
rs117435169
rs62489632
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rs117292367
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rs998920
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rs73155869
rs4725893
rs79635020
rs116901810
rs13244540
rs117167695
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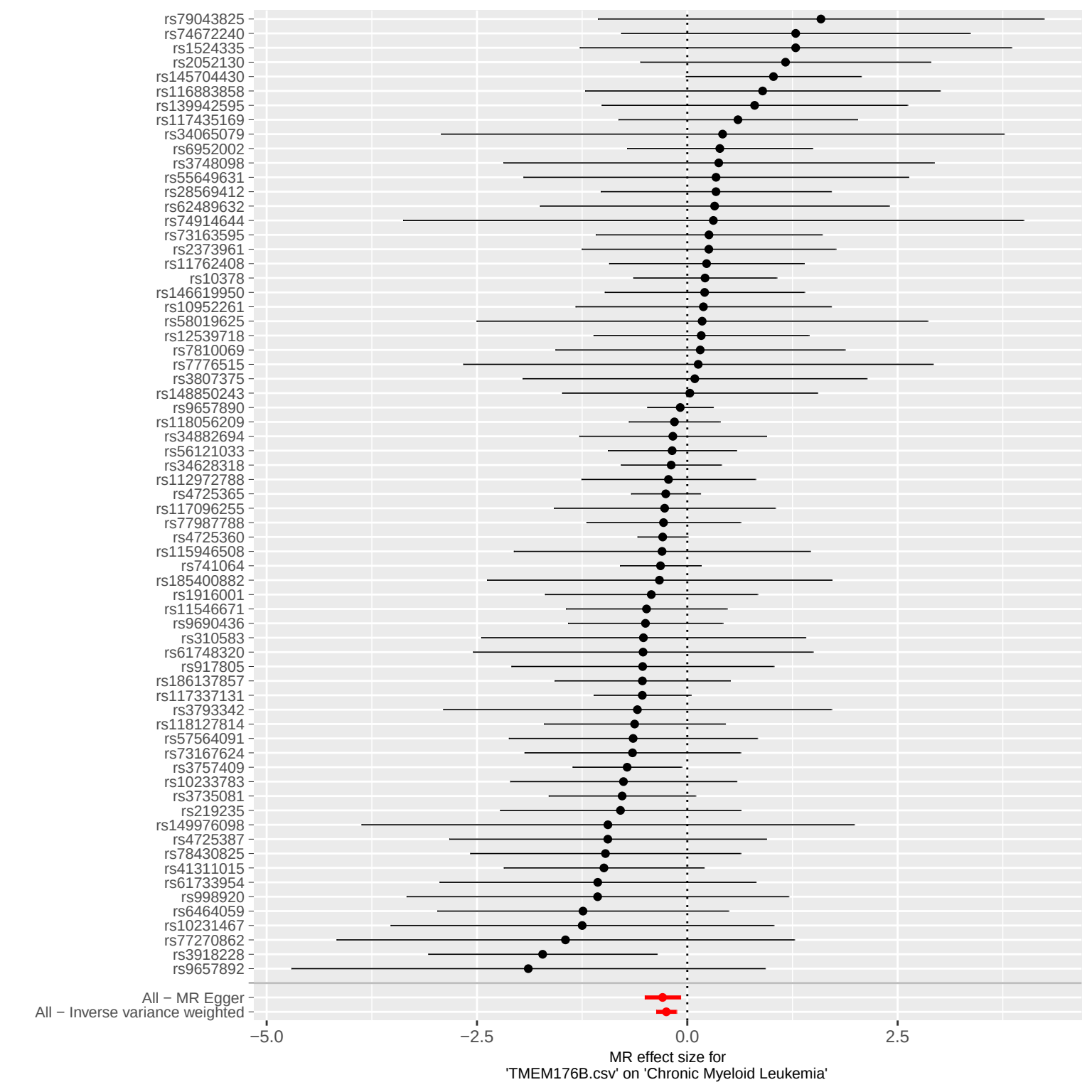
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TMEM176A.csv' on 'Chronic Myeloid Leukemia'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rs3807375
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rs11546671
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rs73167624
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rs10233783
rs3735081
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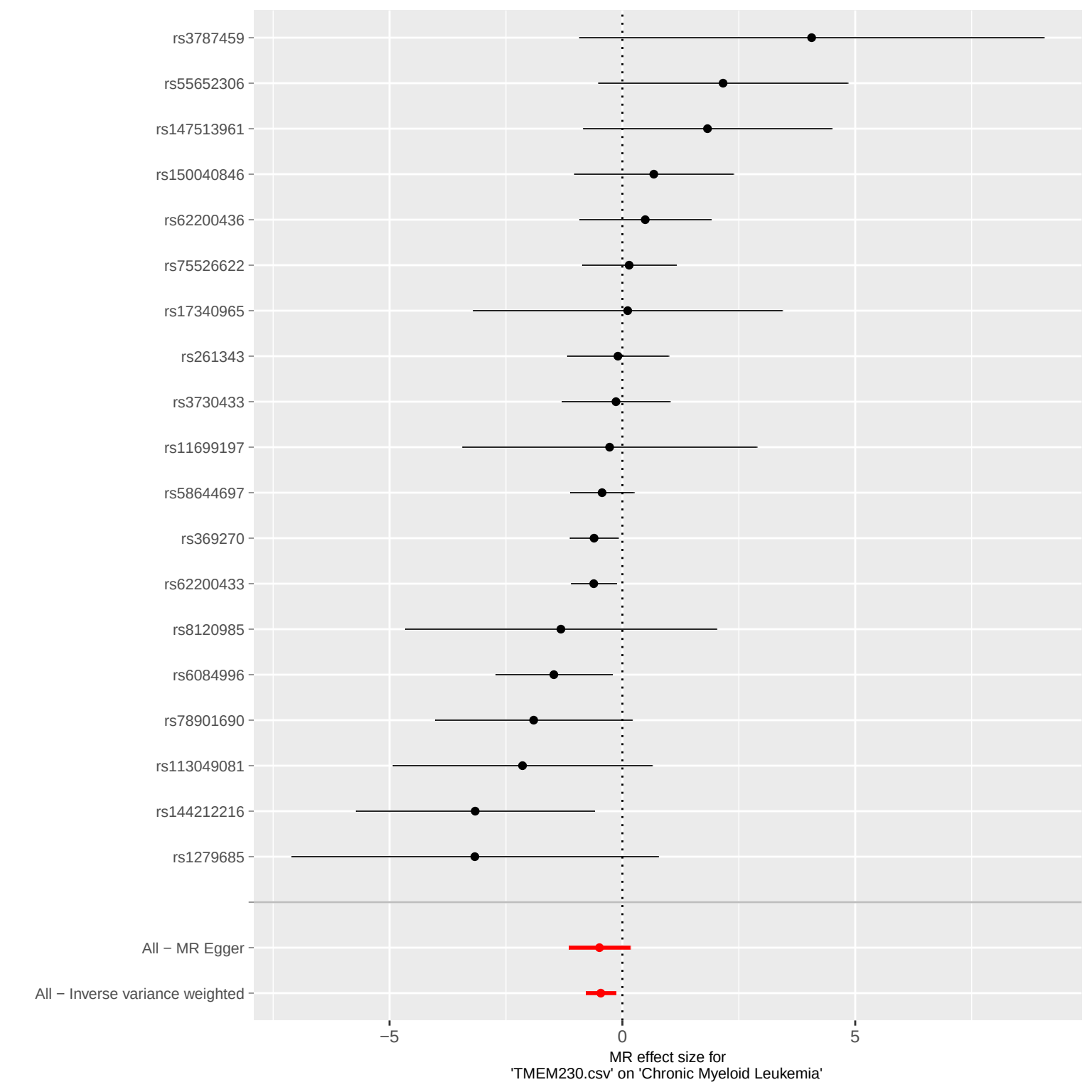
rs149976098
rs4725387
rs78430825
rs41311015
rs61733954
rs998920
rs6464059
rs10231467
rs77270862
rs3918228
rs9657892
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TMEM176B.csv' on 'Chronic Myeloid Leukemia'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rs369270
rs62200433
rs8120985
rs6084996
rs78901690
rs113049081
rs144212216
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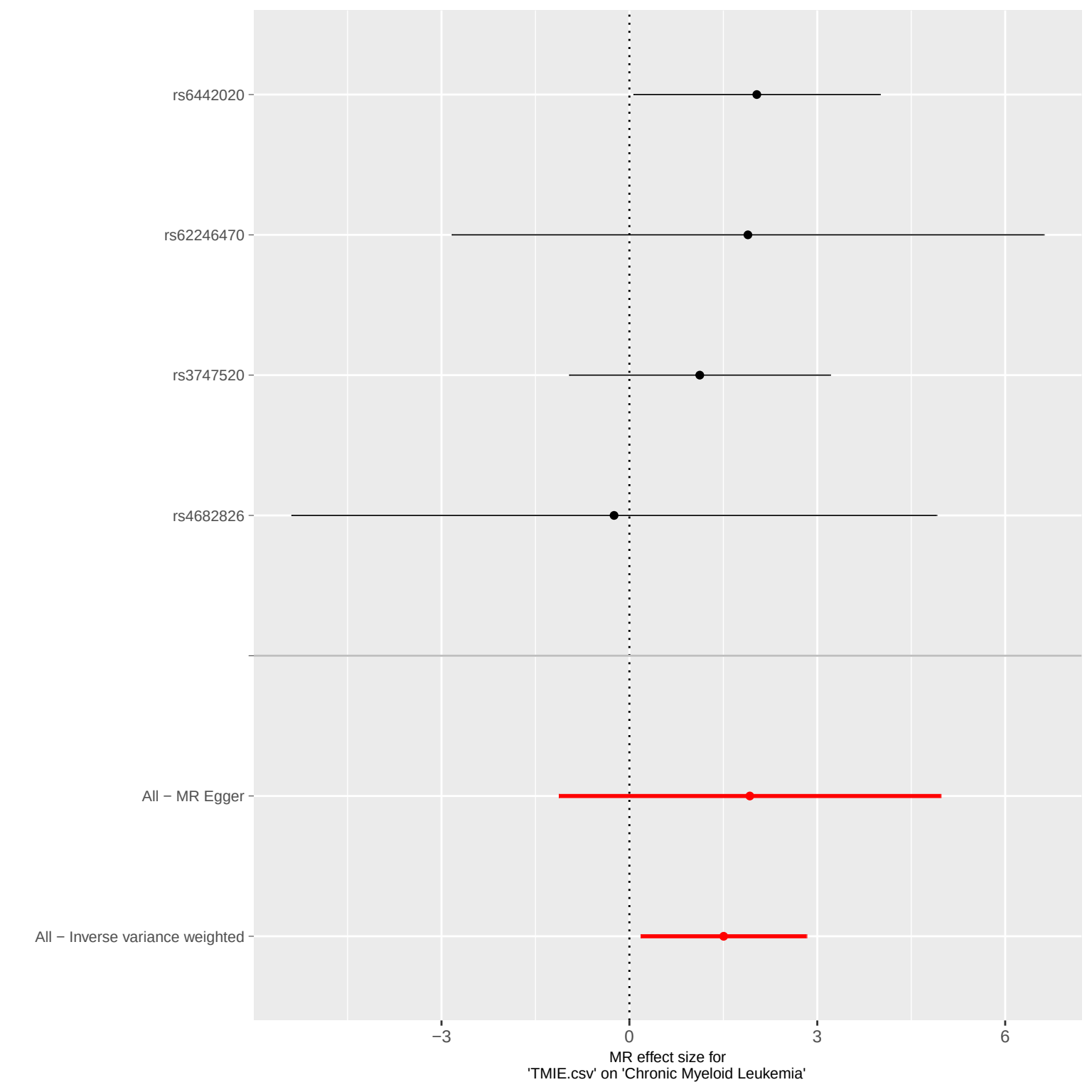
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TMEM230.csv' on 'Chronic Myeloid Leukemia'


rs6442020
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rs3747520
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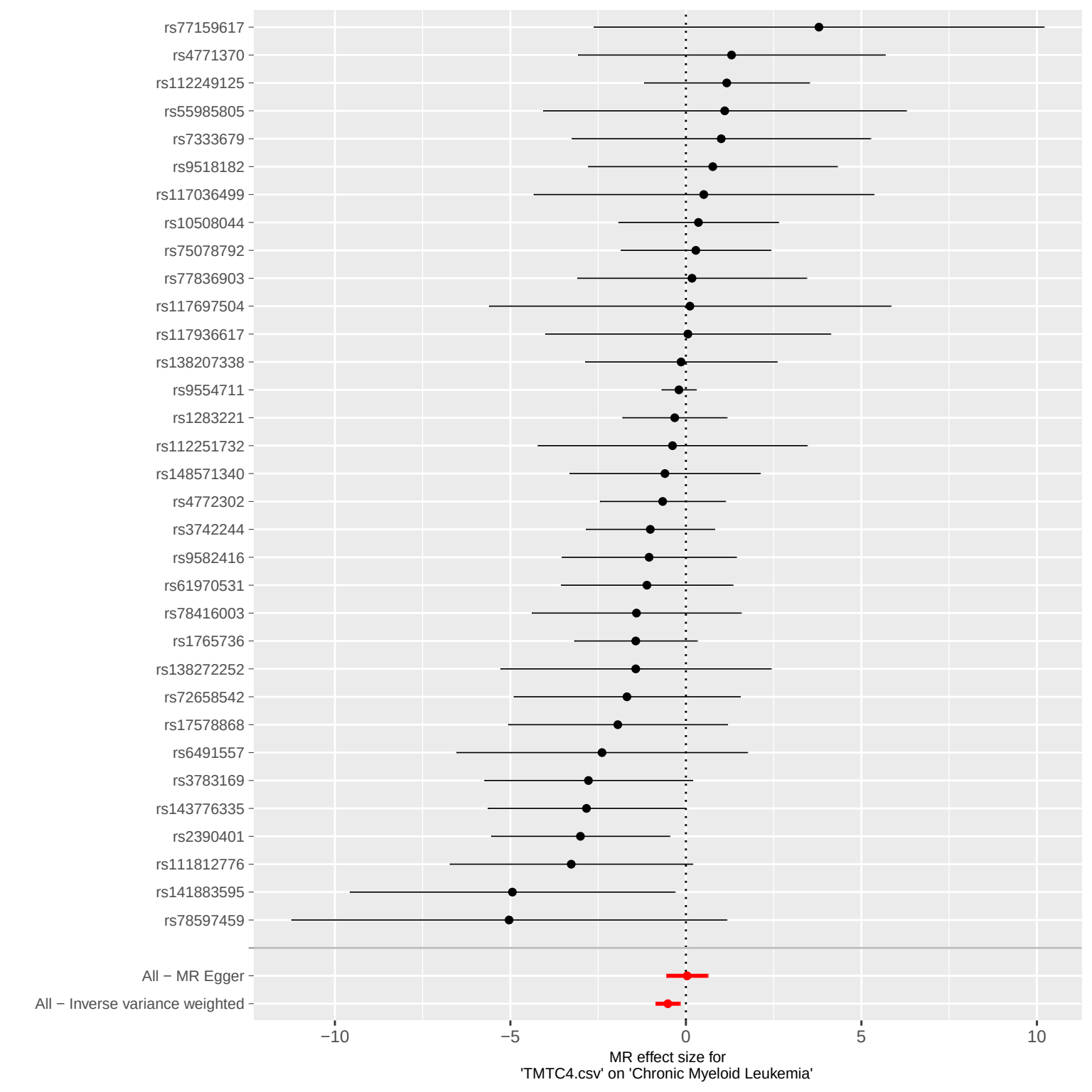
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'TMIE.csv' on 'Chronic Myeloid Leukemia'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rs117936617
rs138207338
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rs1283221
rs112251732
rs148571340
rs4772302
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rs61970531
rs78416003
rs1765736
rs138272252
rs72658542
rs17578868
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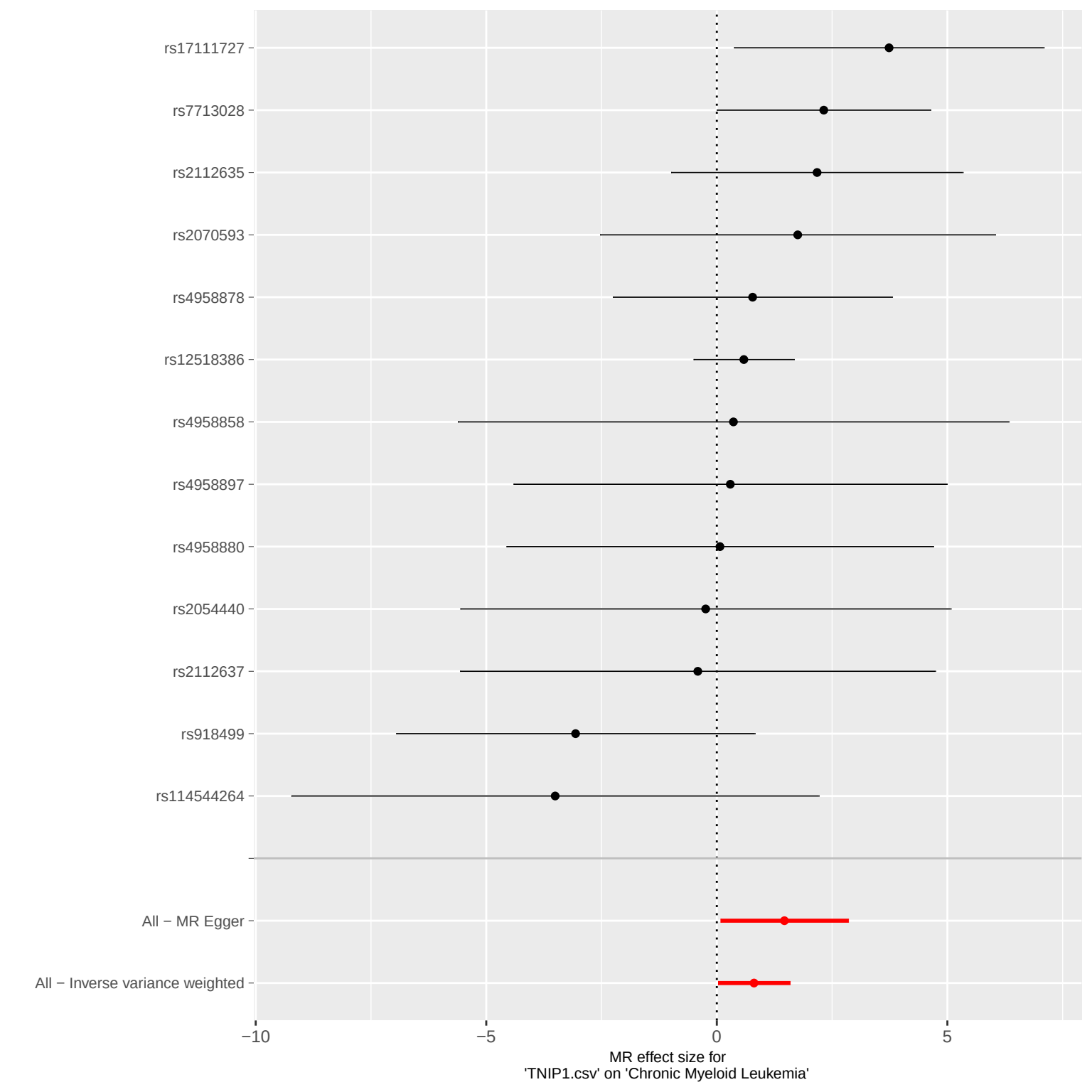
rs3783169
rs143776335
rs2390401
rs111812776
rs141883595
rs78597459
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TMTC4.csv' on 'Chronic Myeloid Leukemia'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rs12518386
rs4958858
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rs4958880
rs2054440
rs2112637
rs918499
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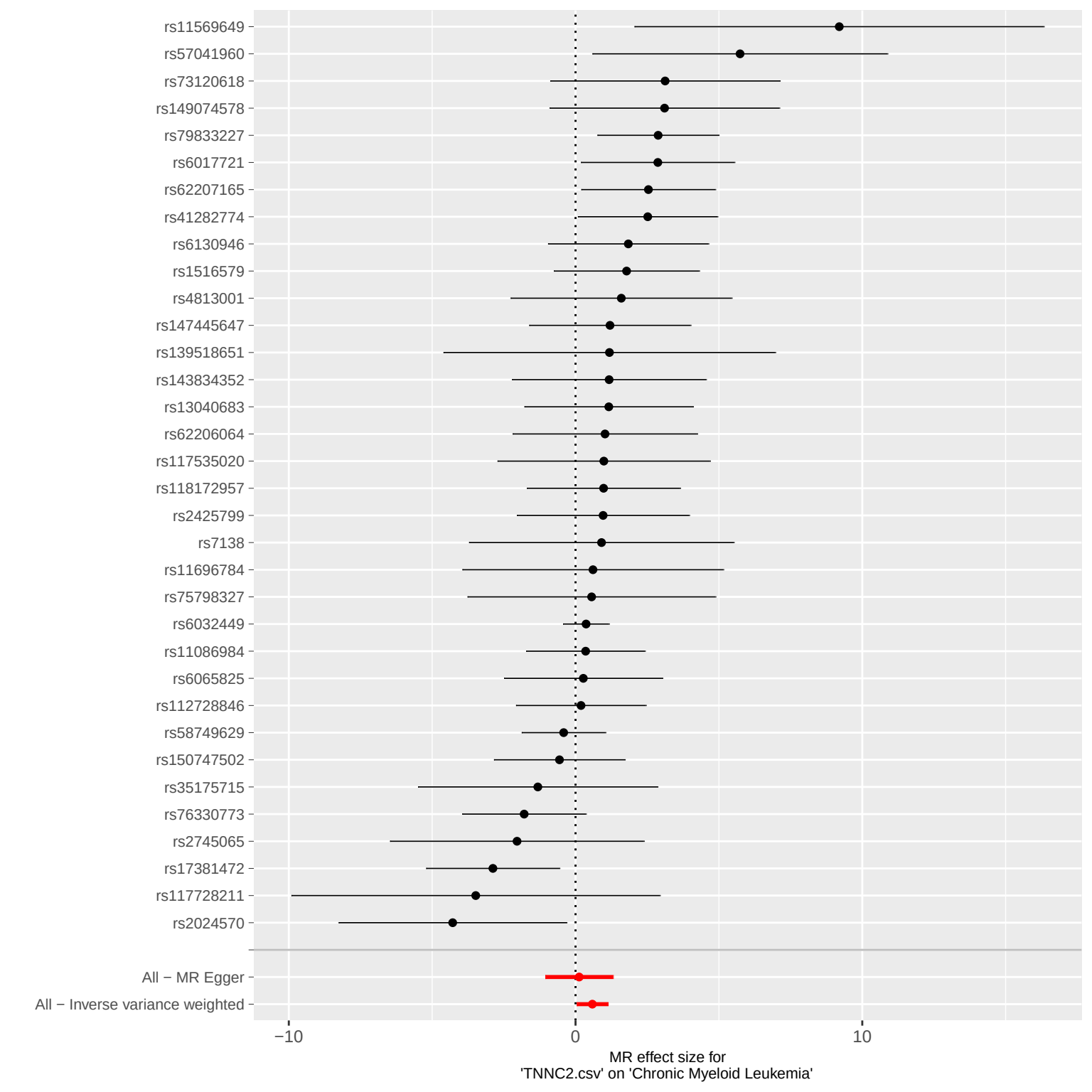
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TNIP1.csv' on 'Chronic Myeloid Leukemia'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rs118172957
rs2425799
rs7138
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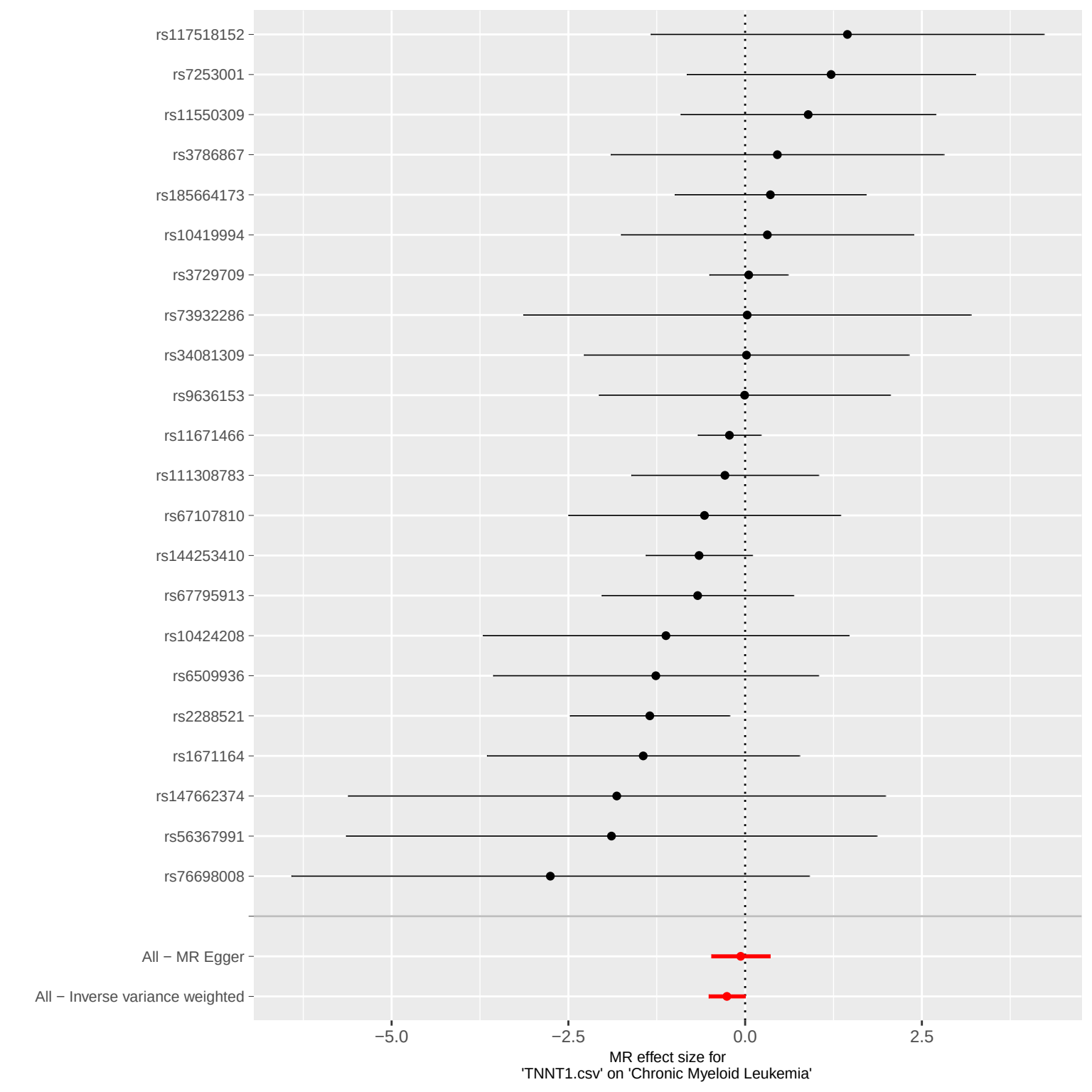
rs150747502
rs35175715
rs76330773
rs2745065
rs17381472
rs117728211
rs2024570
All − MR Egger
All − Inverse variance weighted
−10
0
10
MR effect size for
'TNNC2.csv' on 'Chronic Myeloid Leukemia'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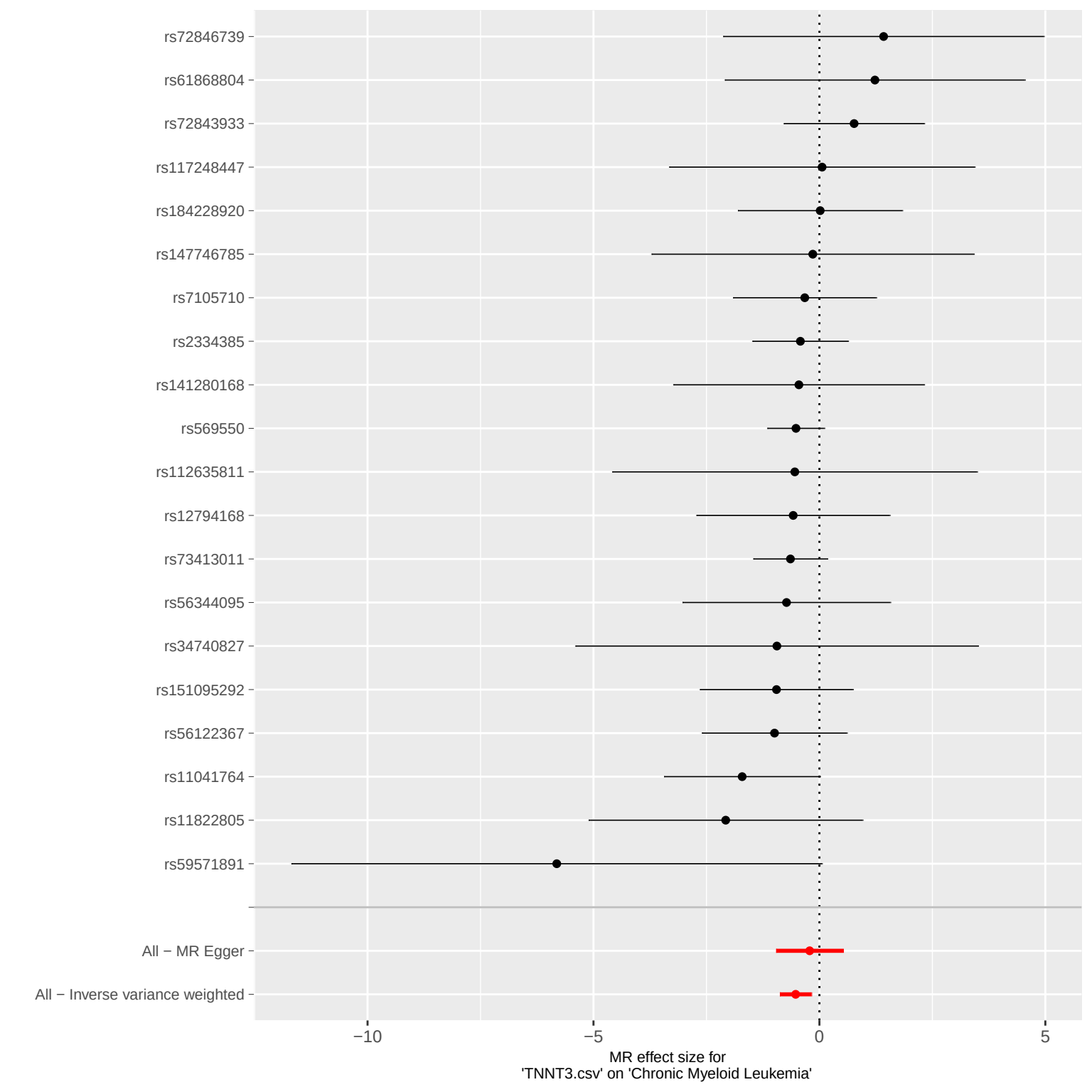
rs144253410
rs67795913
rs10424208
rs6509936
rs2288521
rs1671164
rs147662374
rs56367991
rs76698008
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TNNT1.csv' on 'Chronic Myeloid Leukemia'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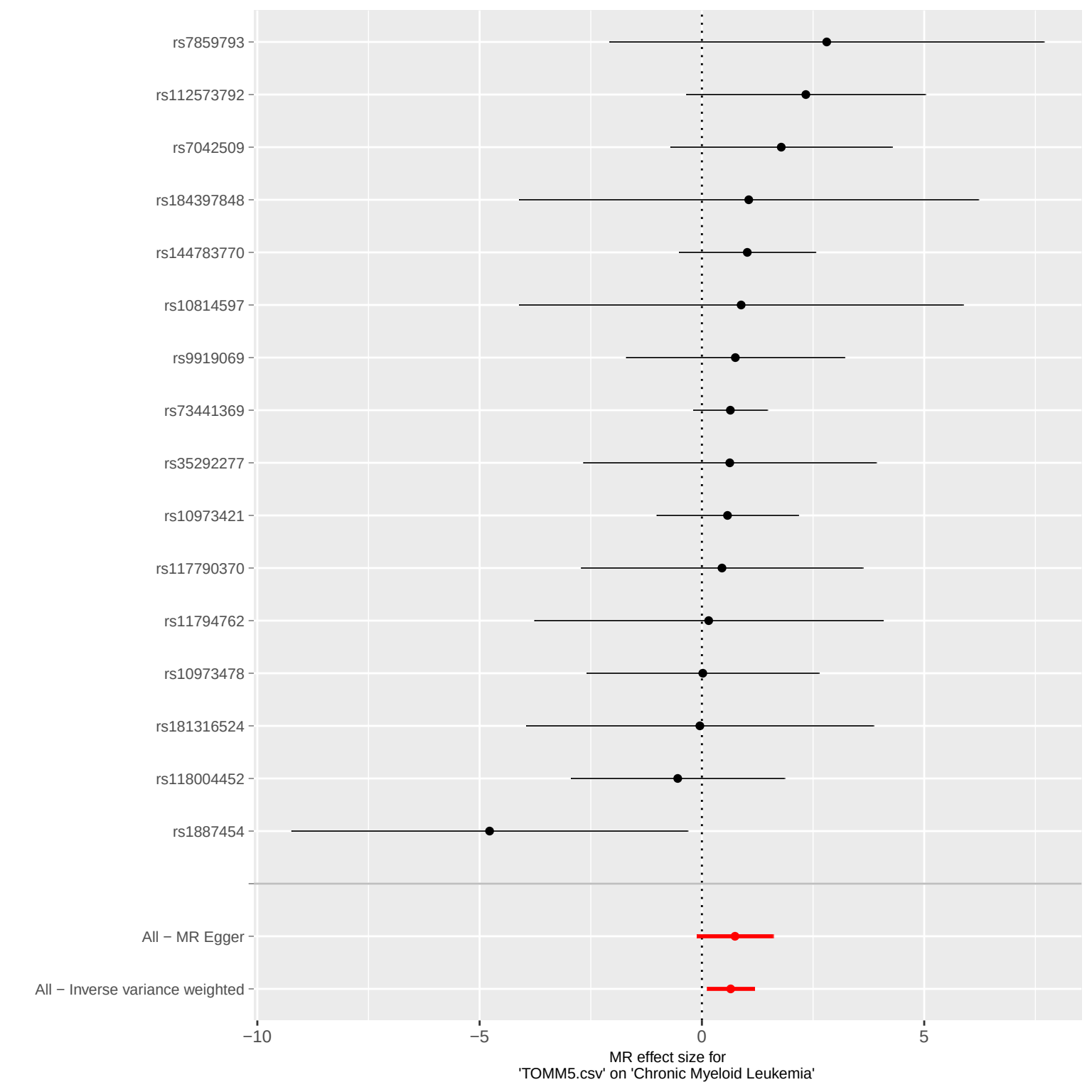
rs12794168
rs73413011
rs56344095
rs34740827
rs151095292
rs56122367
rs11041764
rs11822805
rs59571891
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TNNT3.csv' on 'Chronic Myeloid Leukemia'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rs117790370
rs11794762
rs10973478
rs181316524
rs118004452
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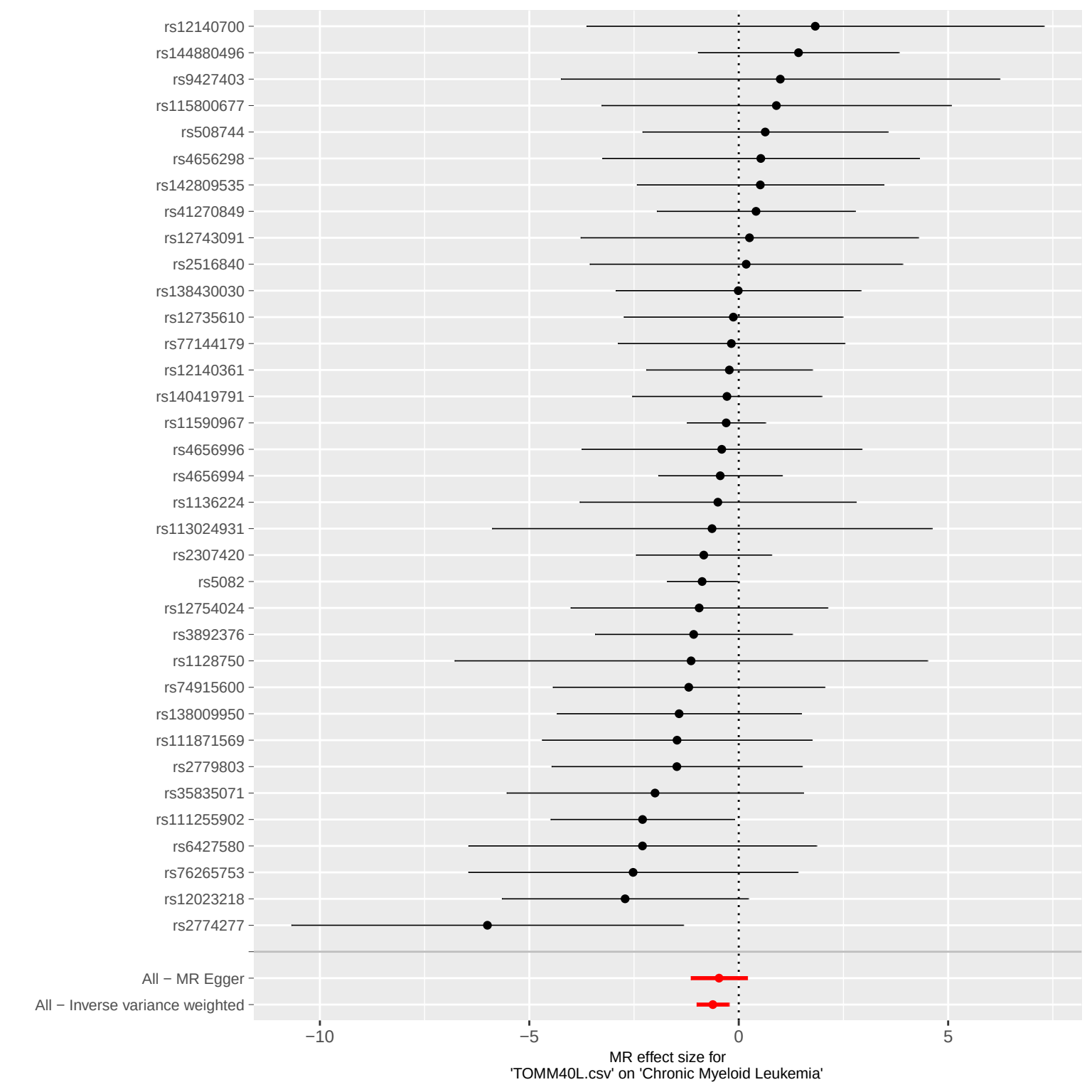
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TOMM5.csv' on 'Chronic Myeloid Leukemia'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rs12735610
rs77144179
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rs140419791
rs11590967
rs4656996
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rs1136224
rs113024931
rs2307420
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rs12754024
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rs138009950
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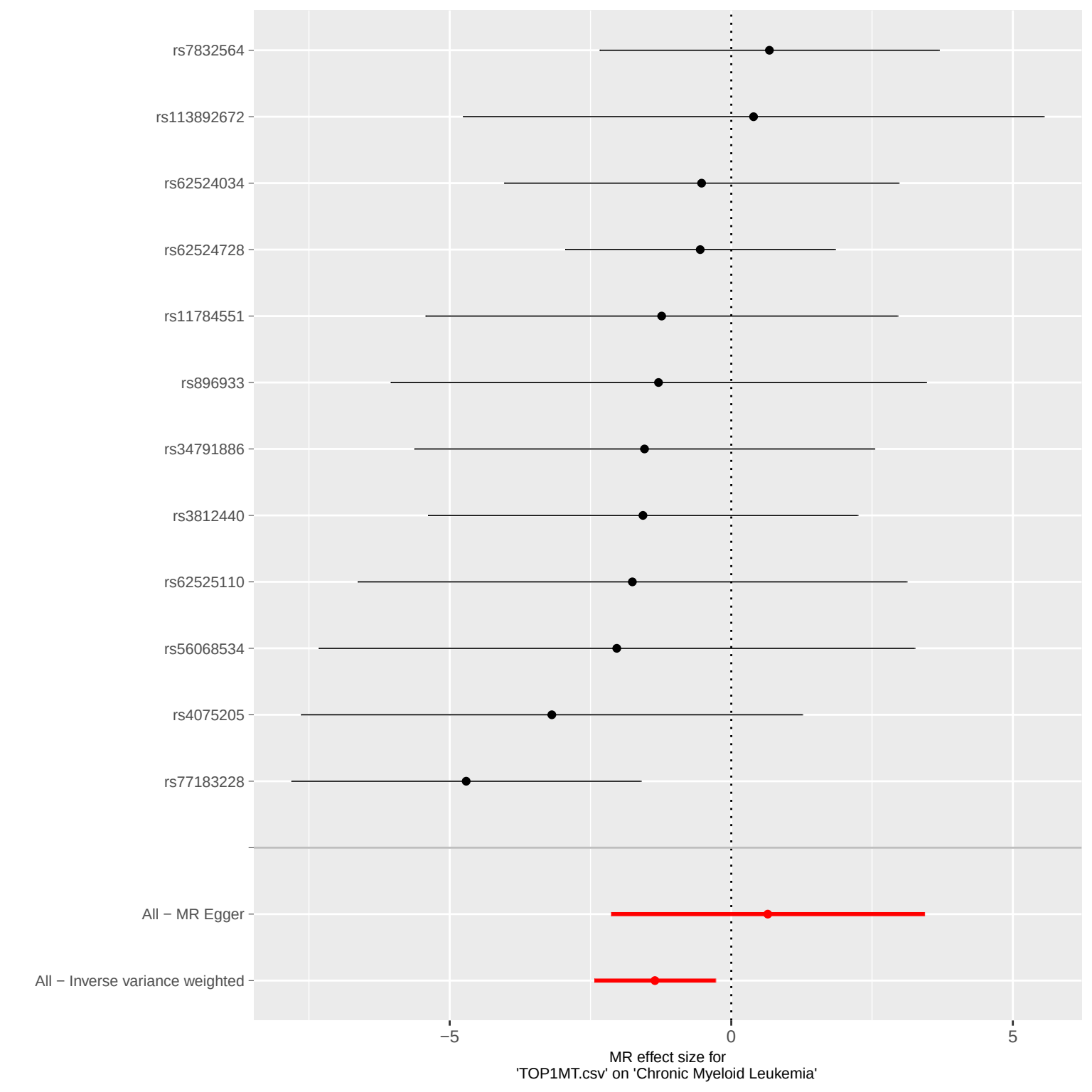
rs35835071
rs111255902
rs6427580
rs76265753
rs12023218
rs2774277
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TOMM40L.csv' on 'Chronic Myeloid Leukemia'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rs896933
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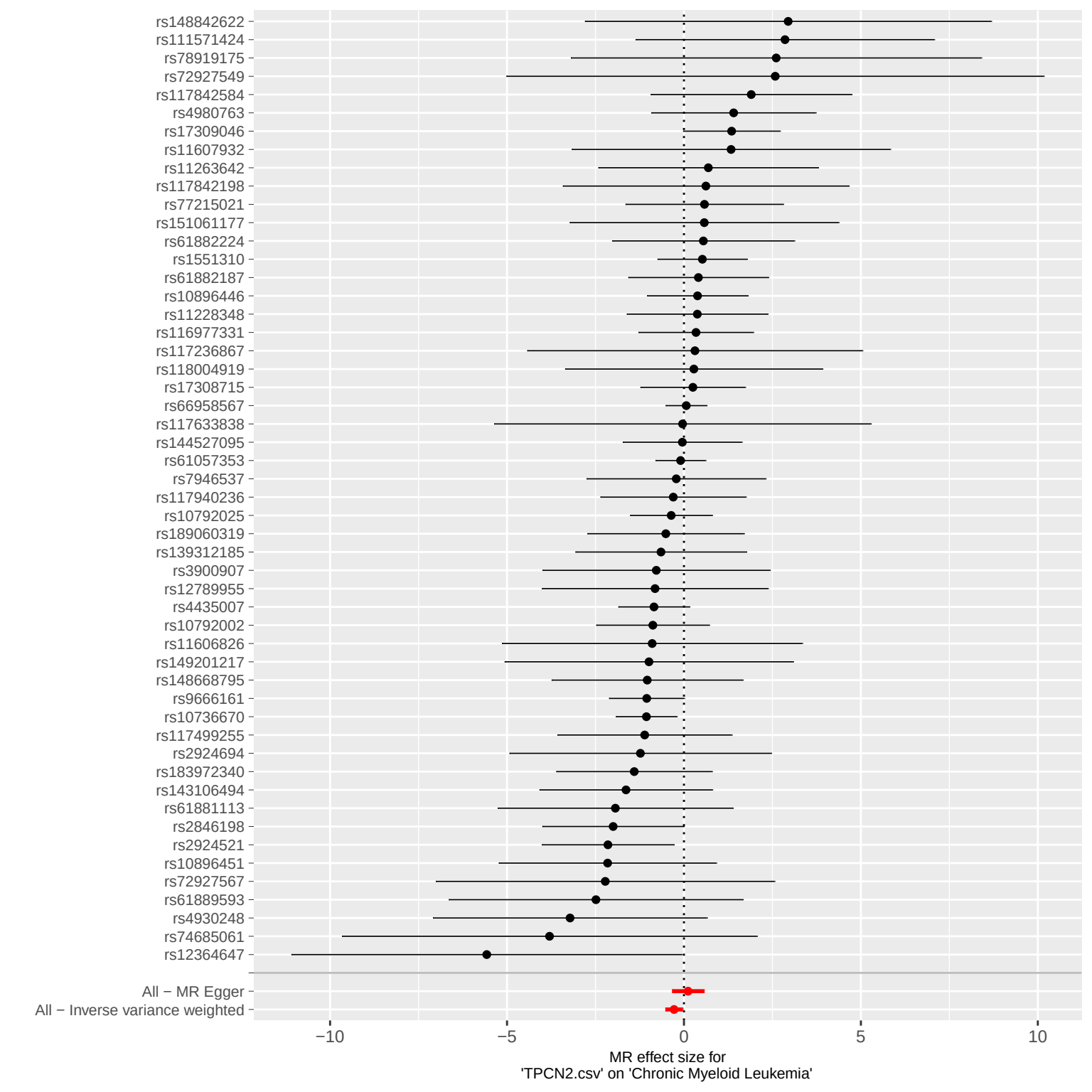
rs3812440
rs62525110
rs56068534
rs4075205
rs77183228
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TOP1MT.csv' on 'Chronic Myeloid Leukemia'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rs61882224
rs1551310
rs61882187
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rs116977331
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rs117633838
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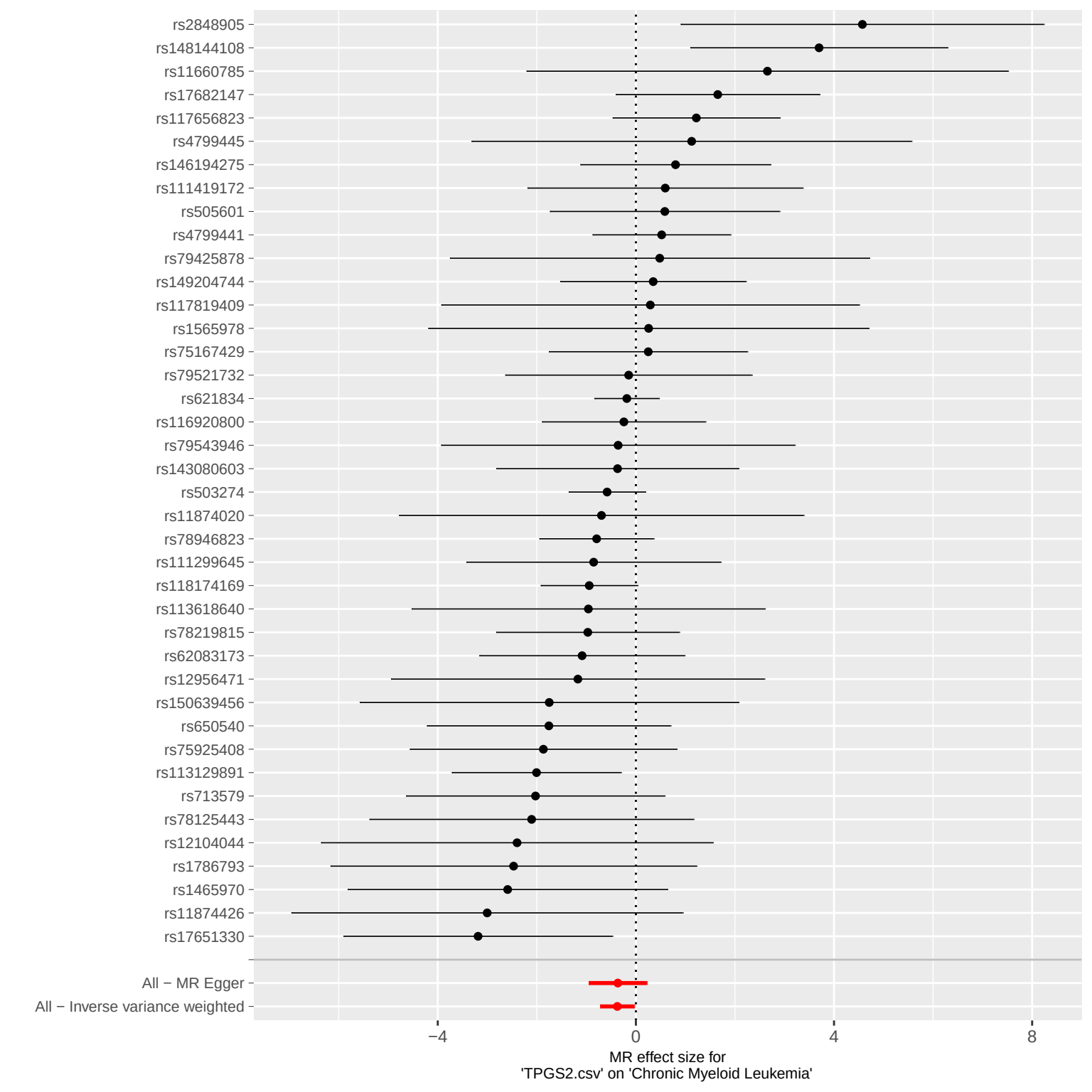
rs61057353
rs7946537
rs117940236
rs10792025
rs189060319
rs139312185
rs3900907
rs12789955
rs4435007
rs10792002
rs11606826
rs149201217
rs148668795
rs9666161
rs10736670
rs117499255
rs2924694
rs183972340
rs143106494
rs61881113
rs2846198
rs2924521
rs10896451
rs72927567
rs61889593
rs4930248
rs74685061
rs12364647
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TPCN2.csv' on 'Chronic Myeloid Leukemia'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rs4799445
rs146194275
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rs79425878
rs149204744
rs117819409
rs1565978
rs75167429
rs79521732
rs621834
rs116920800
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rs12956471
rs150639456
rs650540
rs75925408
rs113129891
rs713579
rs78125443
rs12104044
rs1786793
rs1465970
rs11874426
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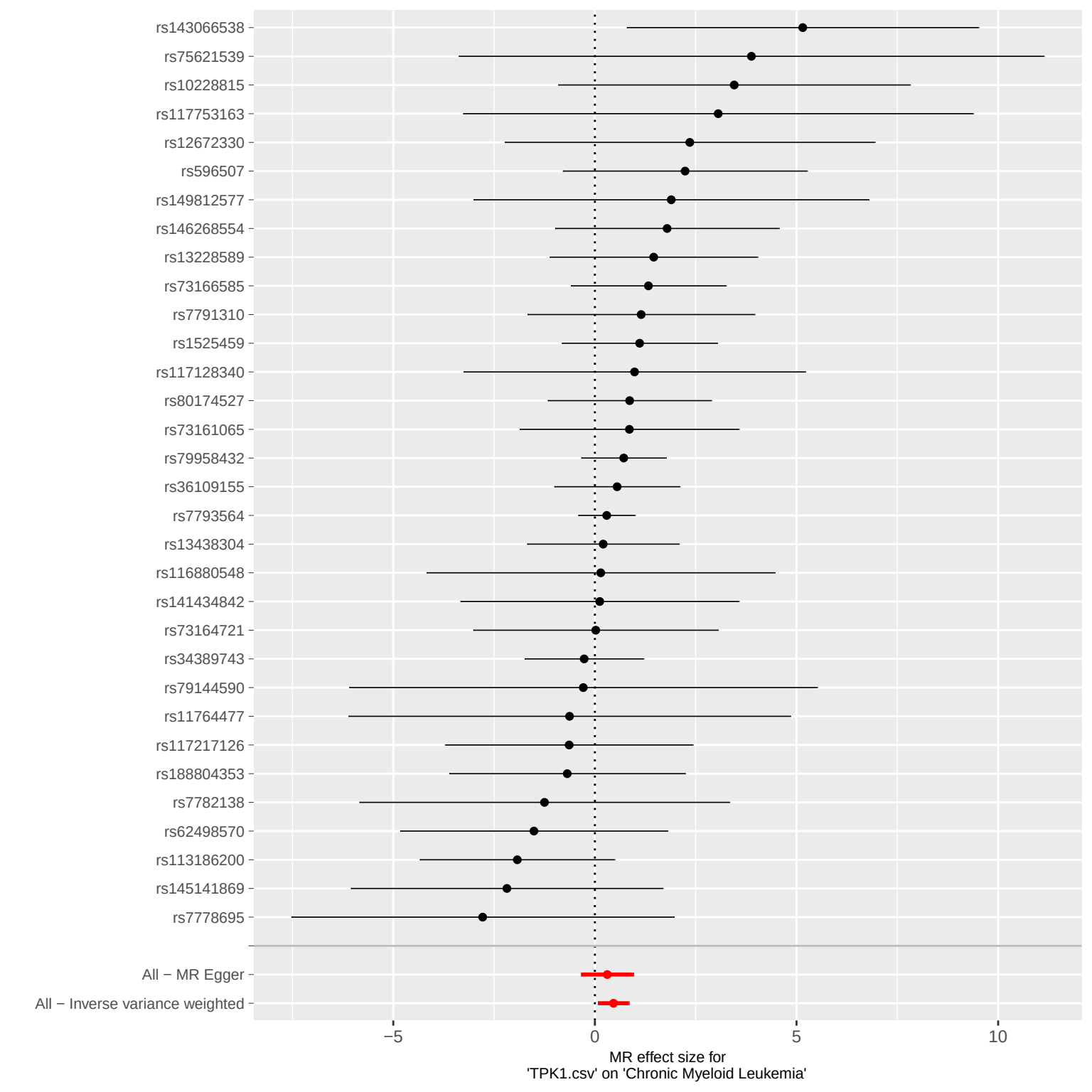
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'TPGS2.csv' on 'Chronic Myeloid Leukemia'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rs11764477
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rs188804353
rs7782138
rs62498570
rs113186200
rs145141869
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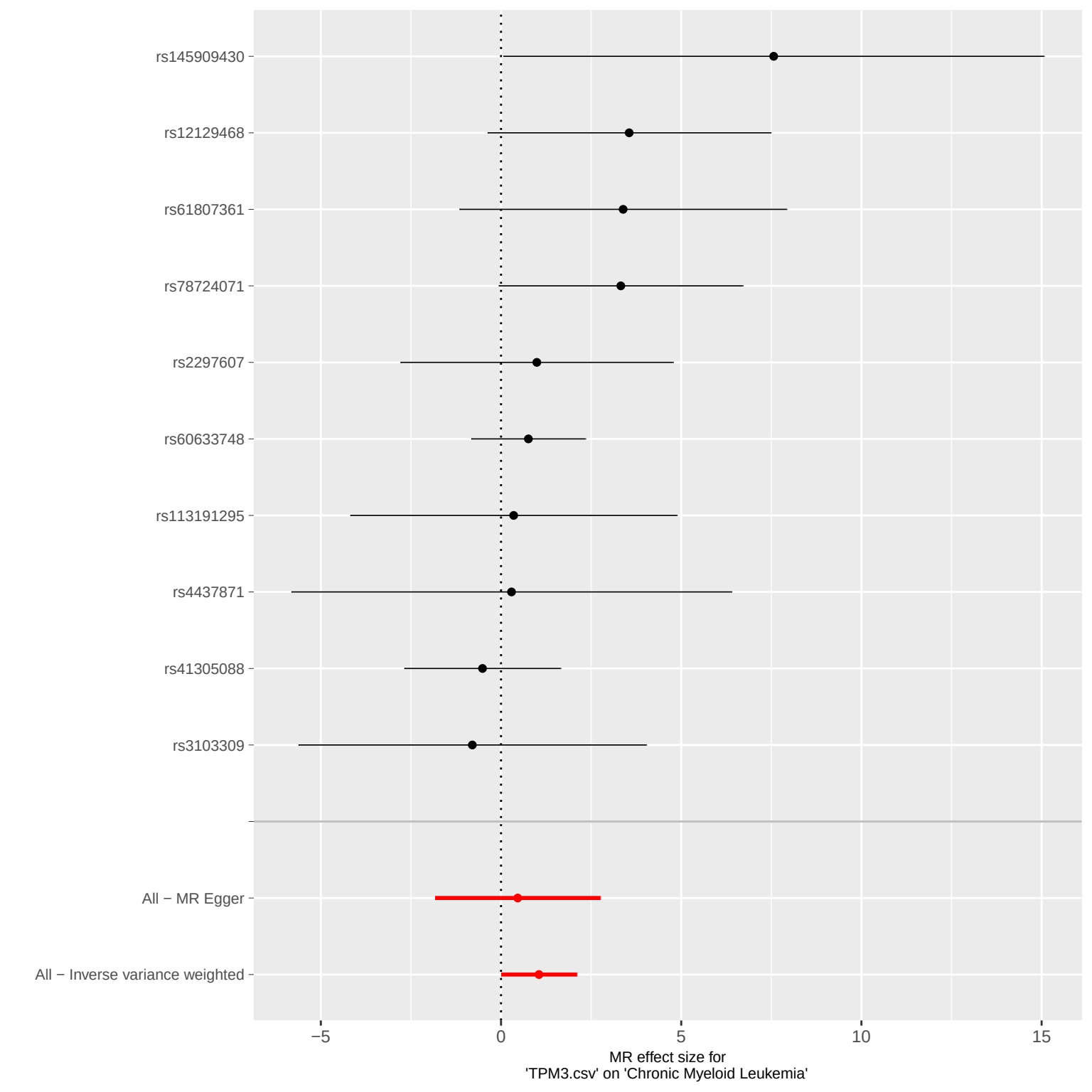
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TPK1.csv' on 'Chronic Myeloid Leukemia'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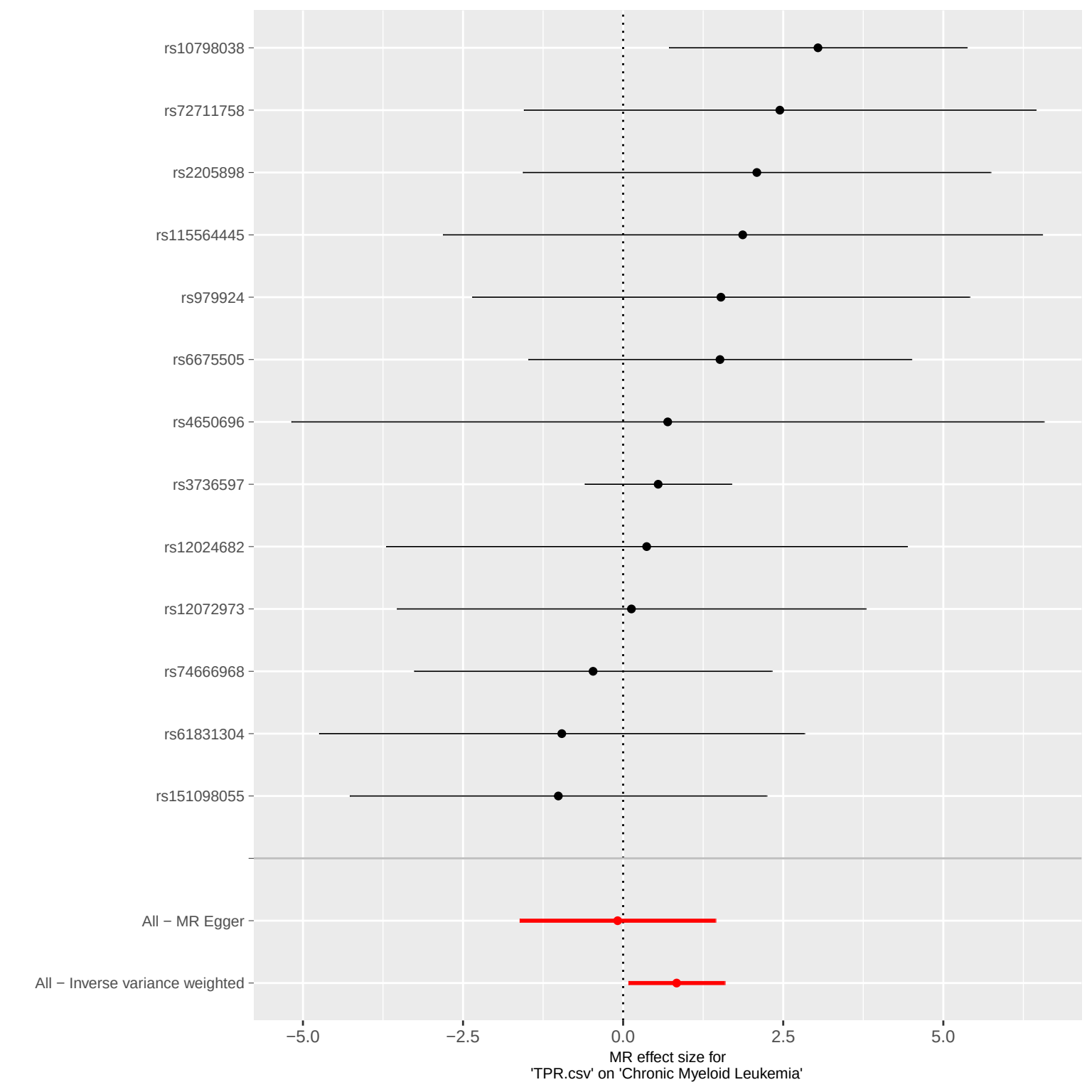
rs2297607
rs60633748
rs113191295
rs4437871
rs41305088
rs3103309
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'TPM3.csv' on 'Chronic Myeloid Leukemia'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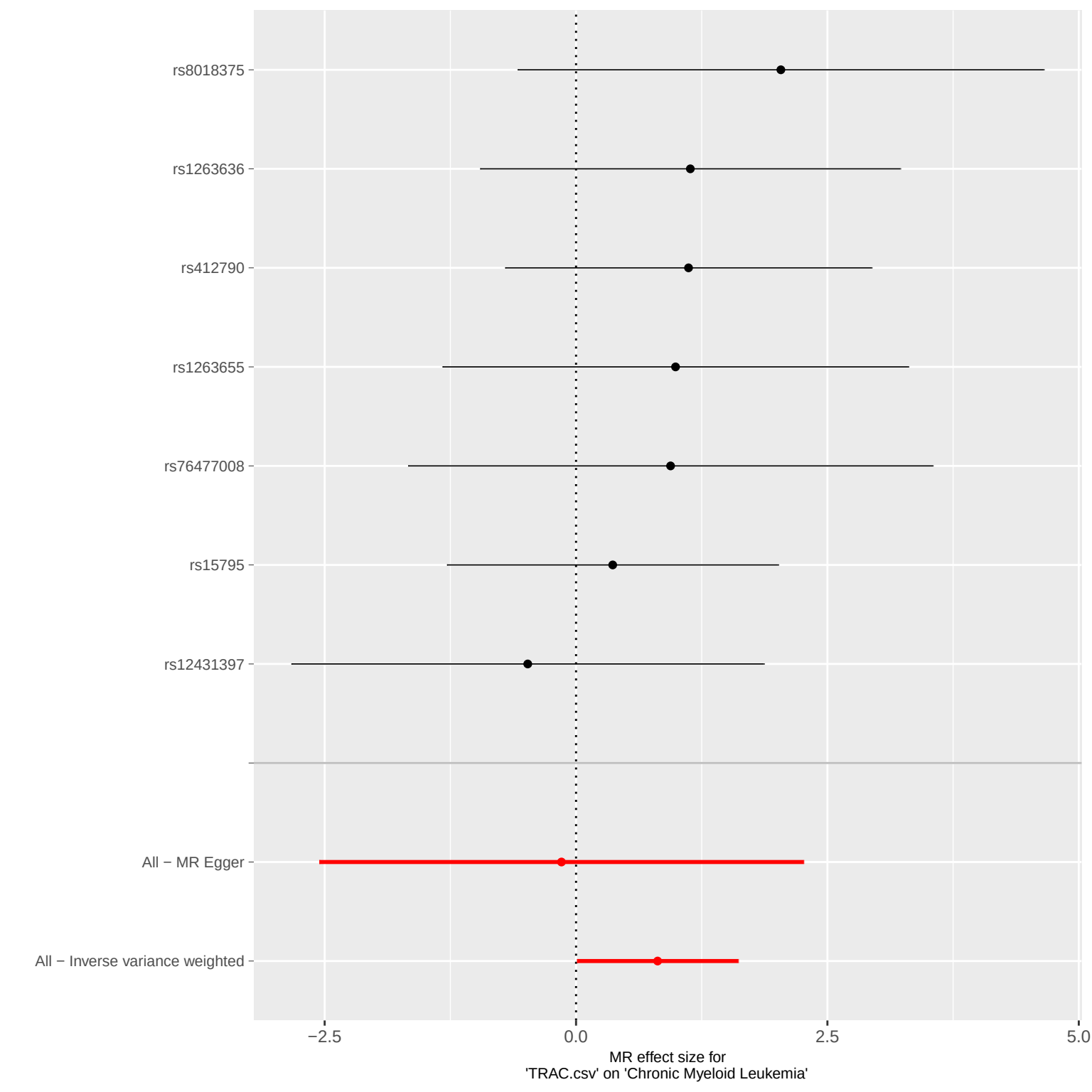
rs2205898
rs115564445
rs979924
rs6675505
rs4650696
rs3736597
rs12024682
rs12072973
rs74666968
rs61831304
rs151098055
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TPR.csv' on 'Chronic Myeloid Leukemia'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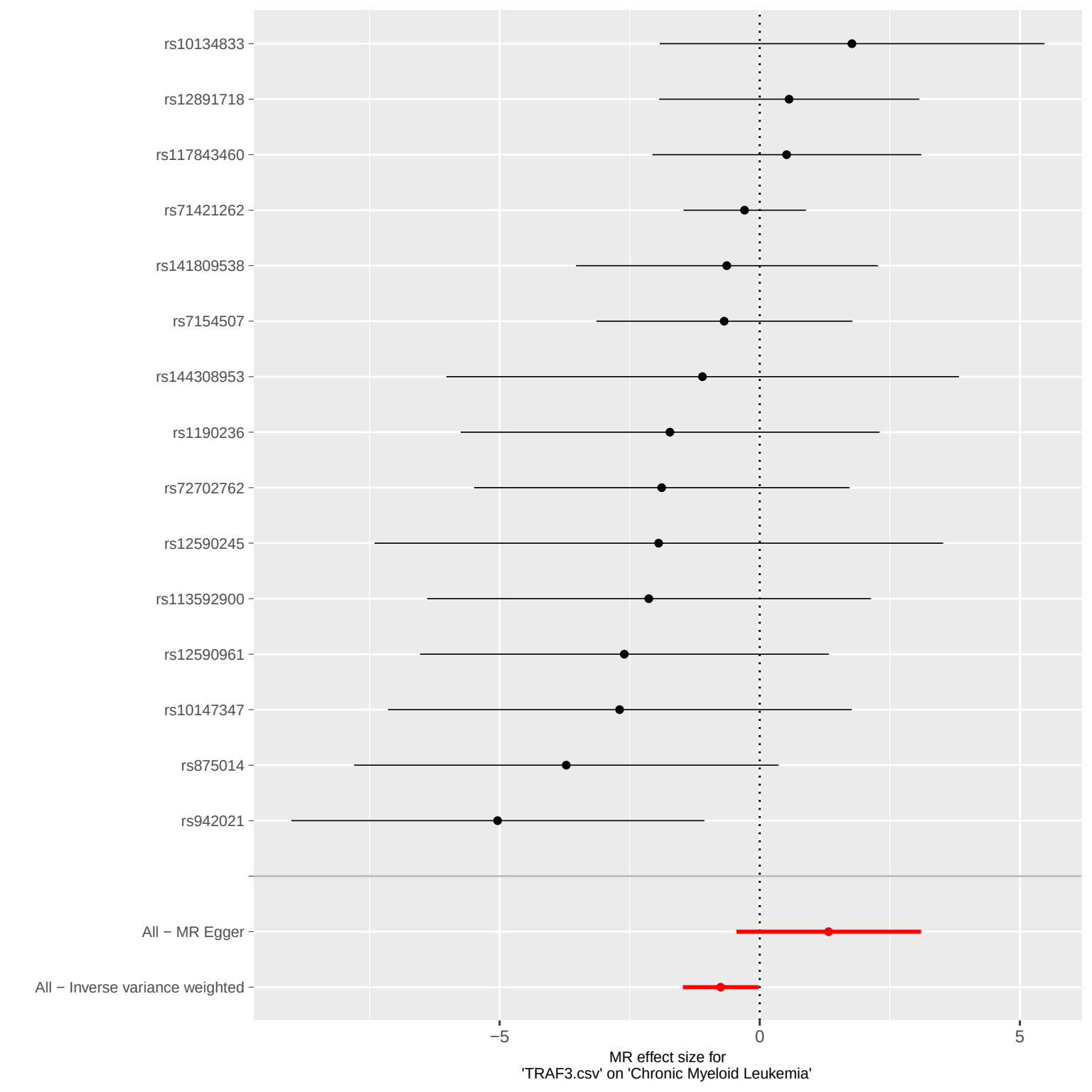
rs1263636
rs412790
rs1263655
rs76477008
rs15795
rs12431397
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'TRAC.csv' on 'Chronic Myeloid Leukemia'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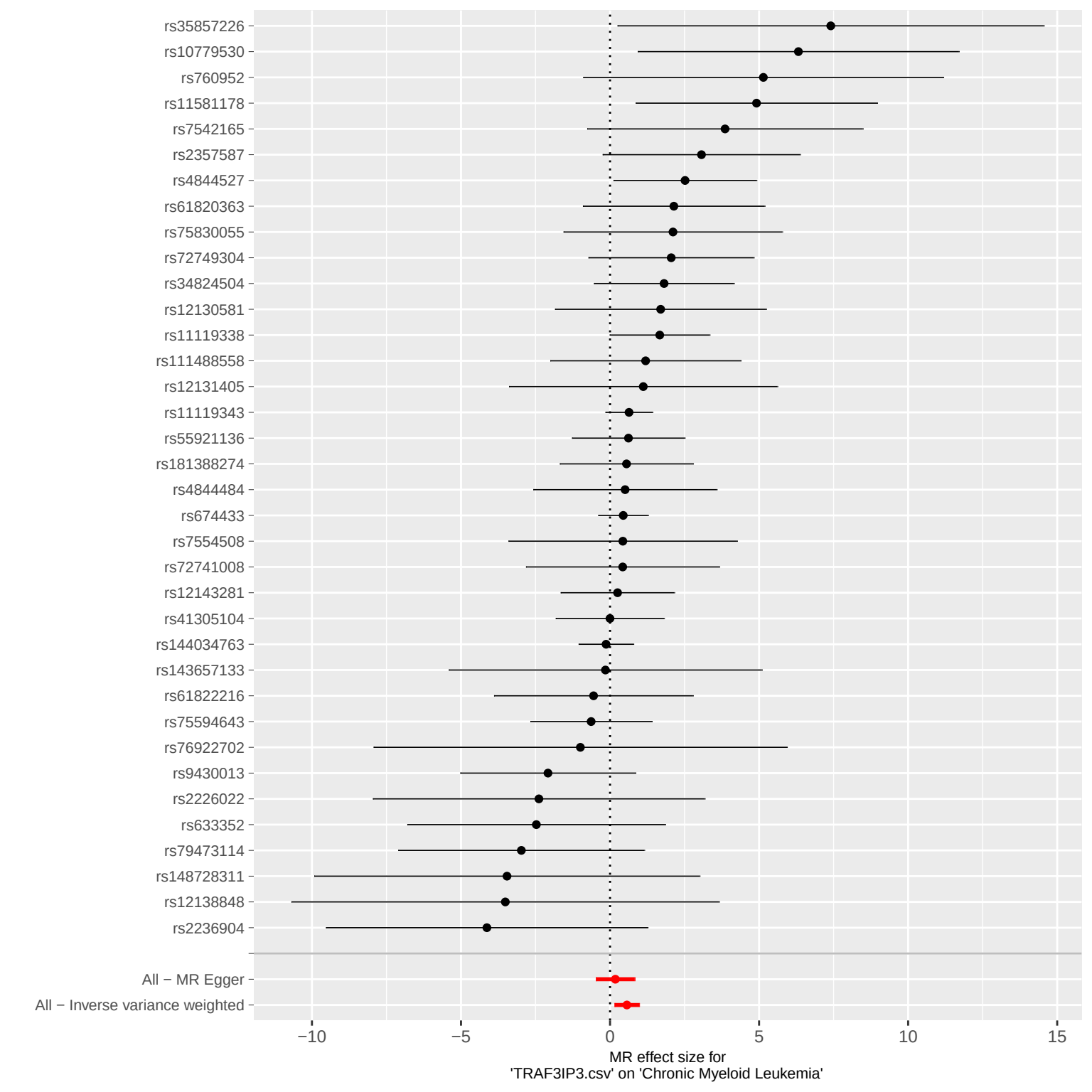
rs1190236
rs72702762
rs12590245
rs113592900
rs12590961
rs10147347
rs875014
rs942021
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRAF3.csv' on 'Chronic Myeloid Leukemia'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rs144034763
rs143657133
rs61822216
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rs76922702
rs9430013
rs2226022
rs633352
rs79473114
rs148728311
rs12138848
rs2236904
All − MR Egger
All − Inverse variance weighted
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−5
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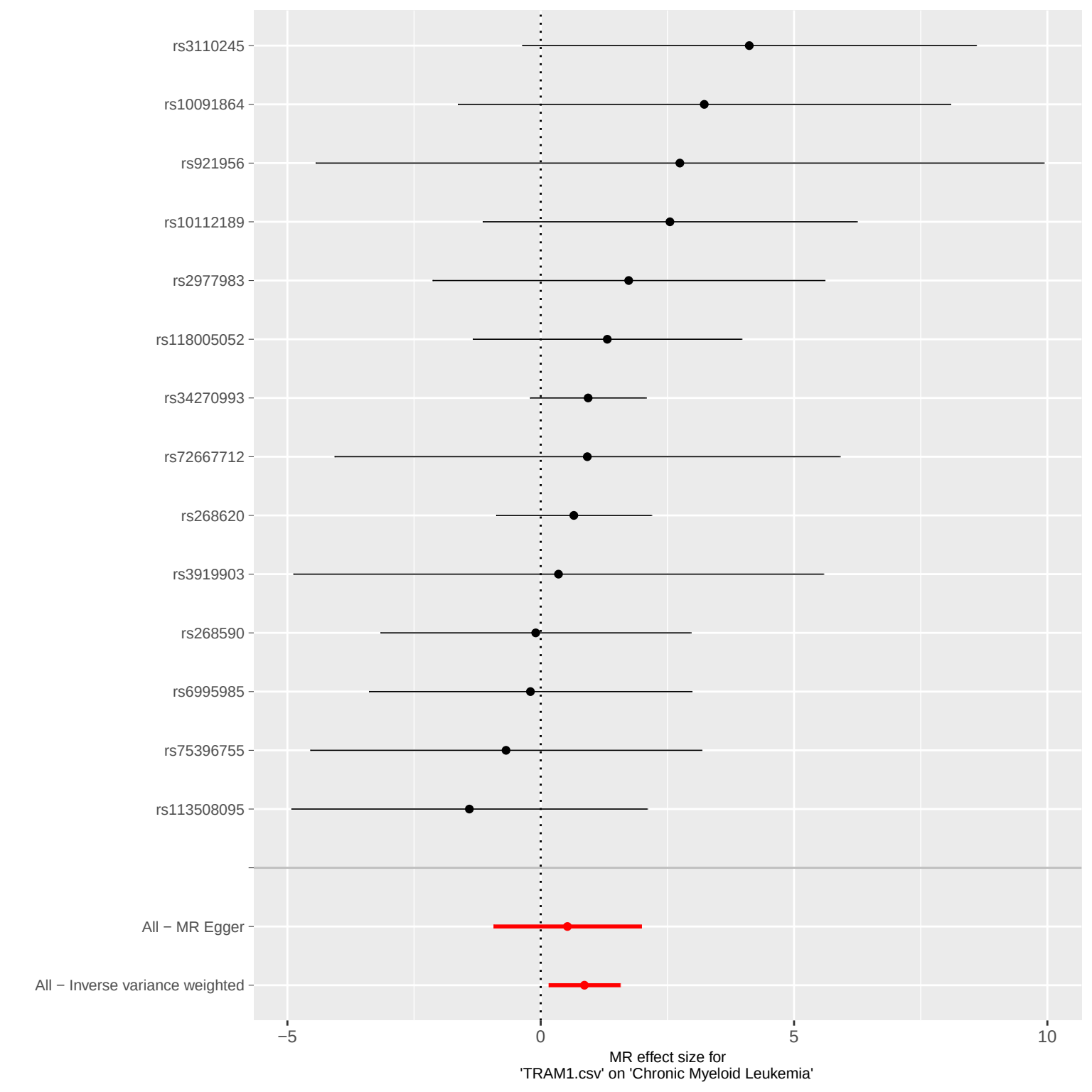
5
10
15
MR effect size for
'TRAF3IP3.csv' on 'Chronic Myeloid Leukemia'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rs268620
rs3919903
rs268590
rs6995985
rs75396755
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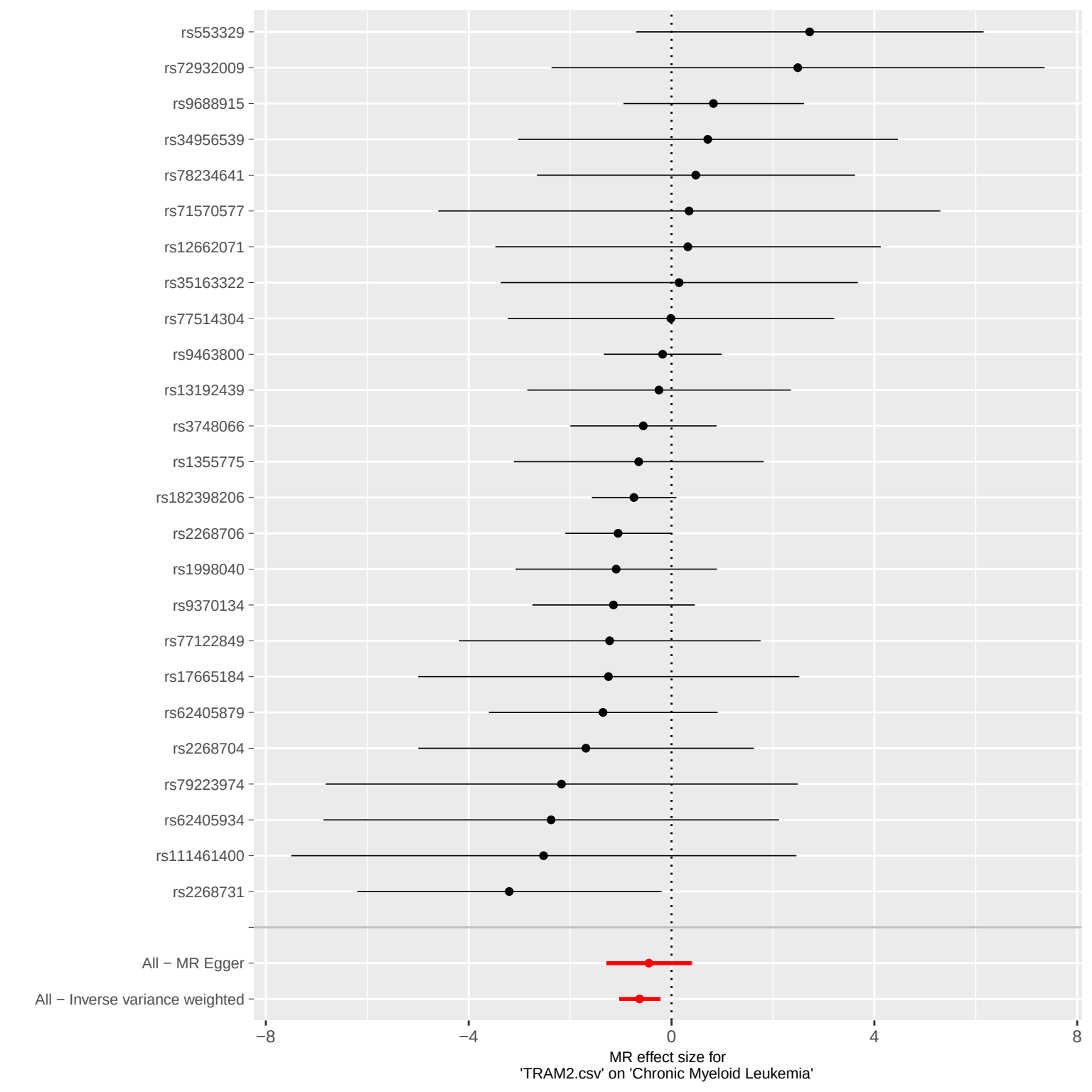
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TRAM1.csv' on 'Chronic Myeloid Leukemia'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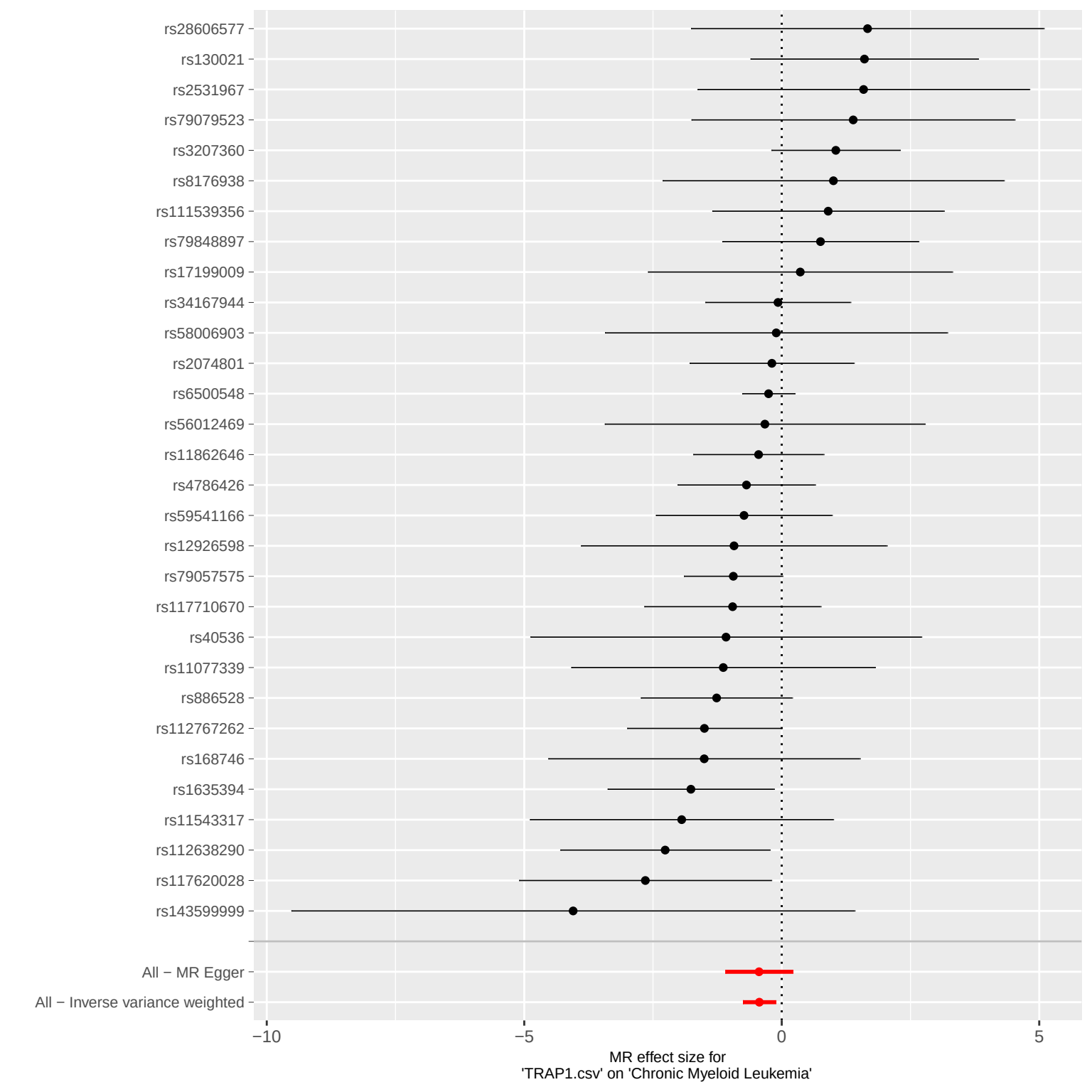
rs3748066
rs1355775
rs182398206
rs2268706
rs1998040
rs9370134
rs77122849
rs17665184
rs62405879
rs2268704
rs79223974
rs62405934
rs111461400
rs2268731
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'TRAM2.csv' on 'Chronic Myeloid Leukemia'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rs117710670
rs40536
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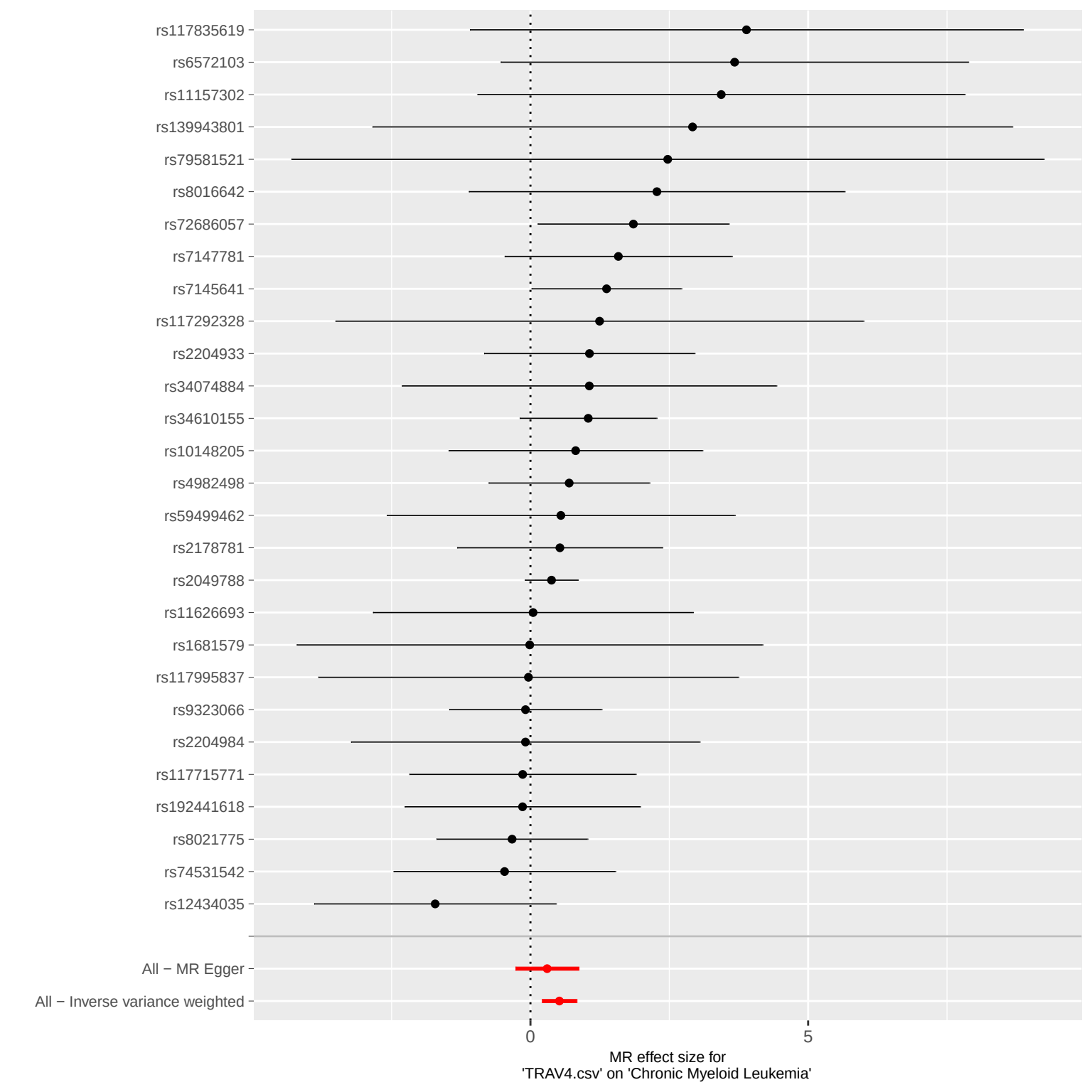
rs886528
rs112767262
rs168746
rs1635394
rs11543317
rs112638290
rs117620028
rs143599999
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TRAP1.csv' on 'Chronic Myeloid Leukemia'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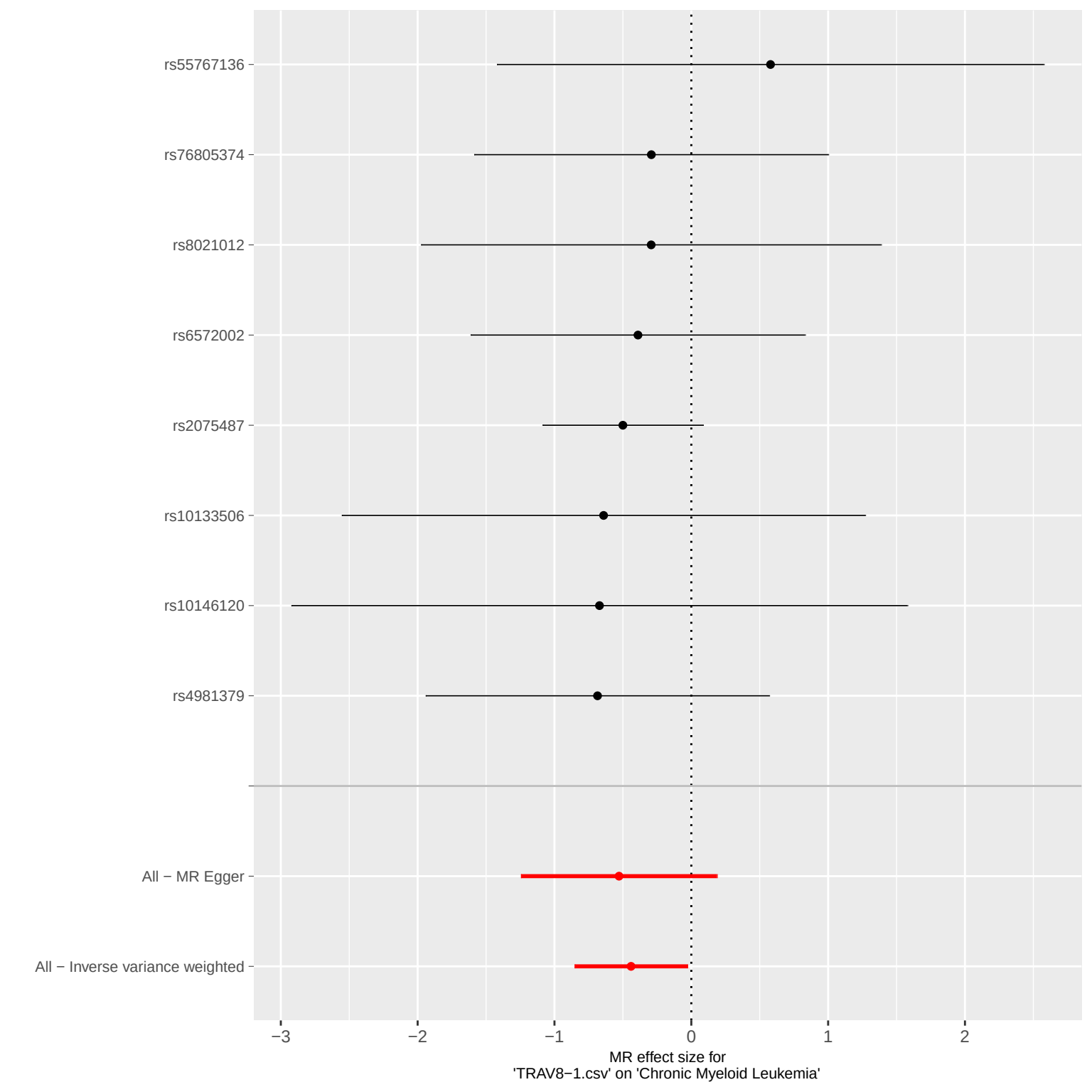
rs2204933
rs34074884
rs34610155
rs10148205
rs4982498
rs59499462
rs2178781
rs2049788
rs11626693
rs1681579
rs117995837
rs9323066
rs2204984
rs117715771
rs192441618
rs8021775
rs74531542
rs12434035
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'TRAV4.csv' on 'Chronic Myeloid Leukemia'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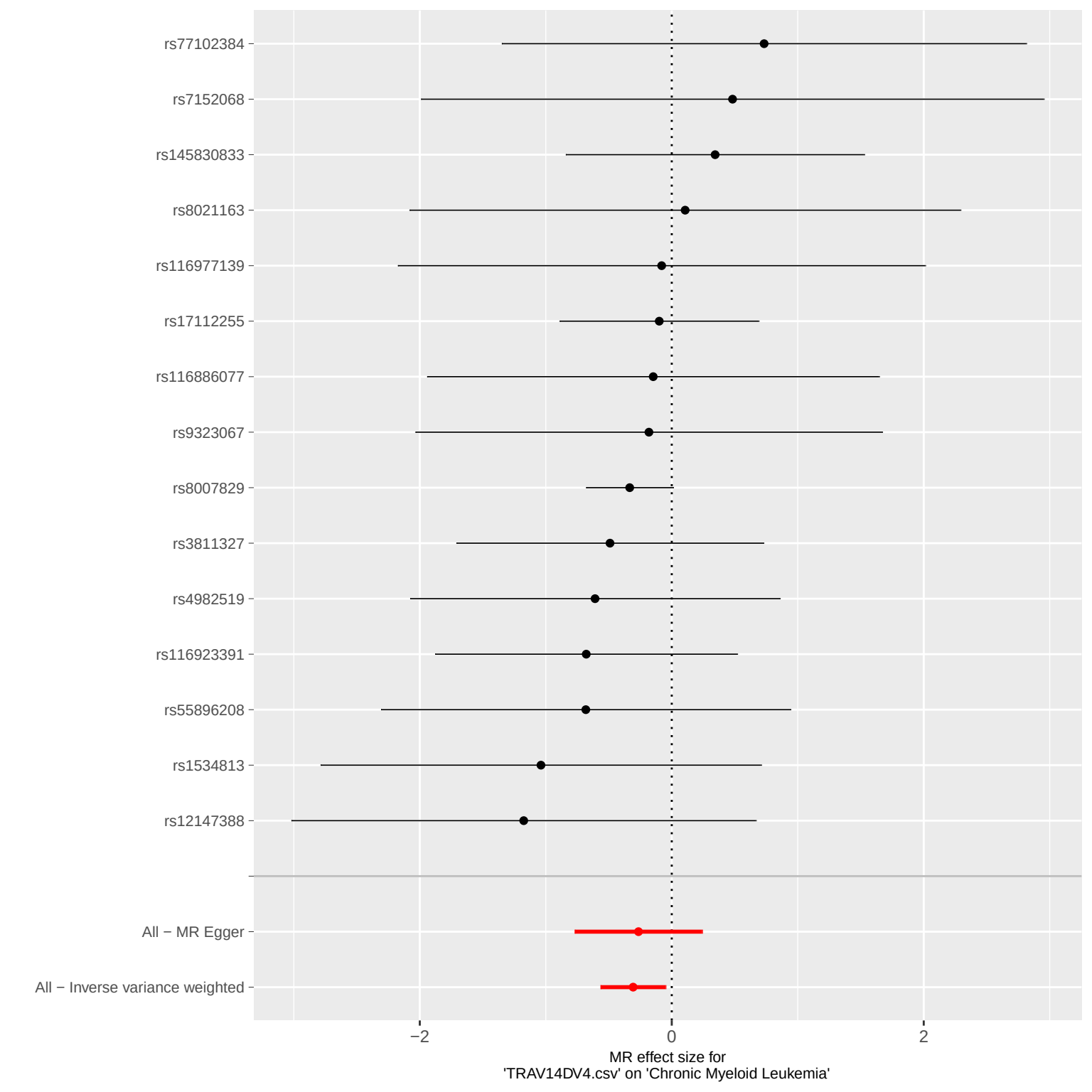
rs76805374
rs8021012
rs6572002
rs2075487
rs10133506
rs10146120
rs4981379
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'TRAV8−1.csv' on 'Chronic Myeloid Leukemia'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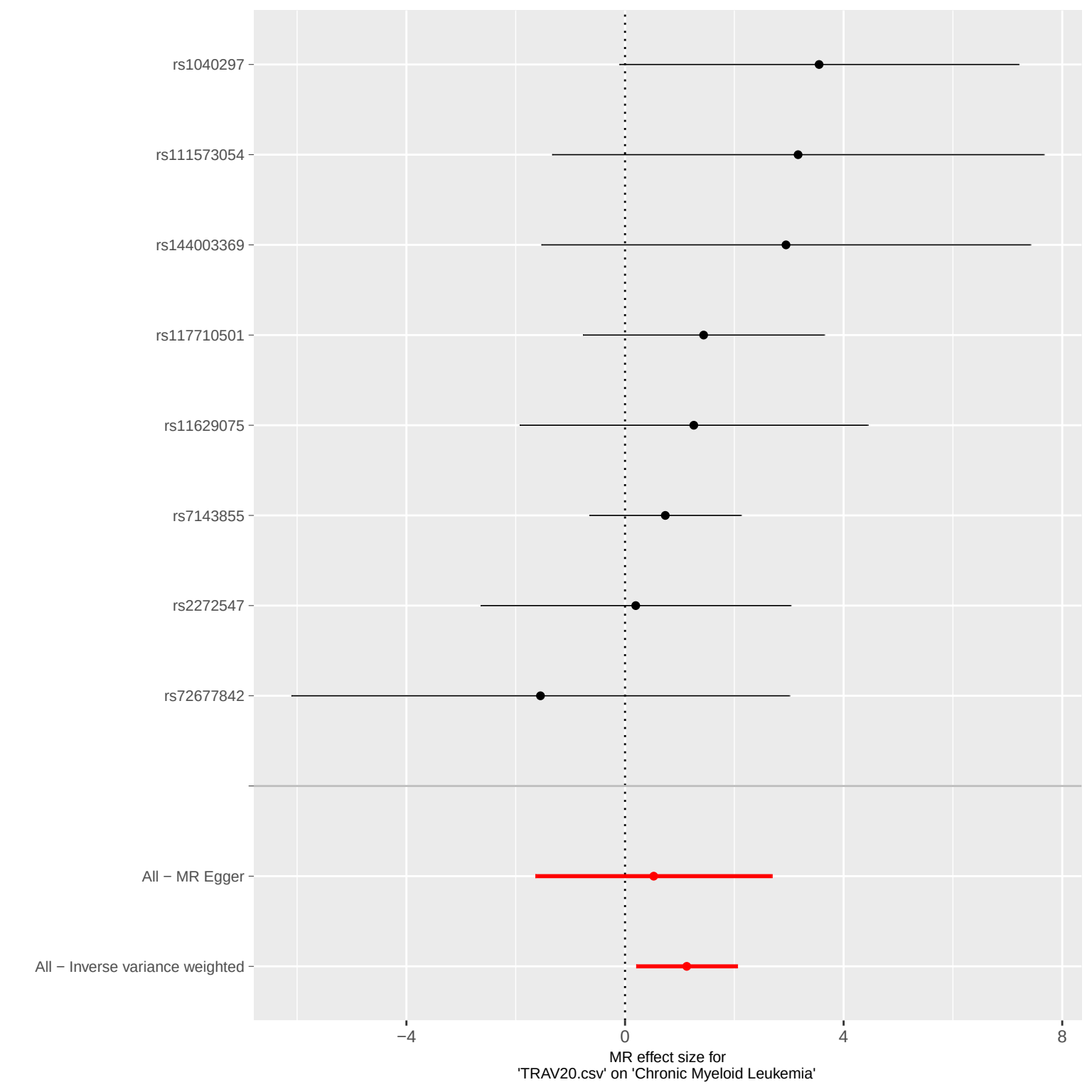
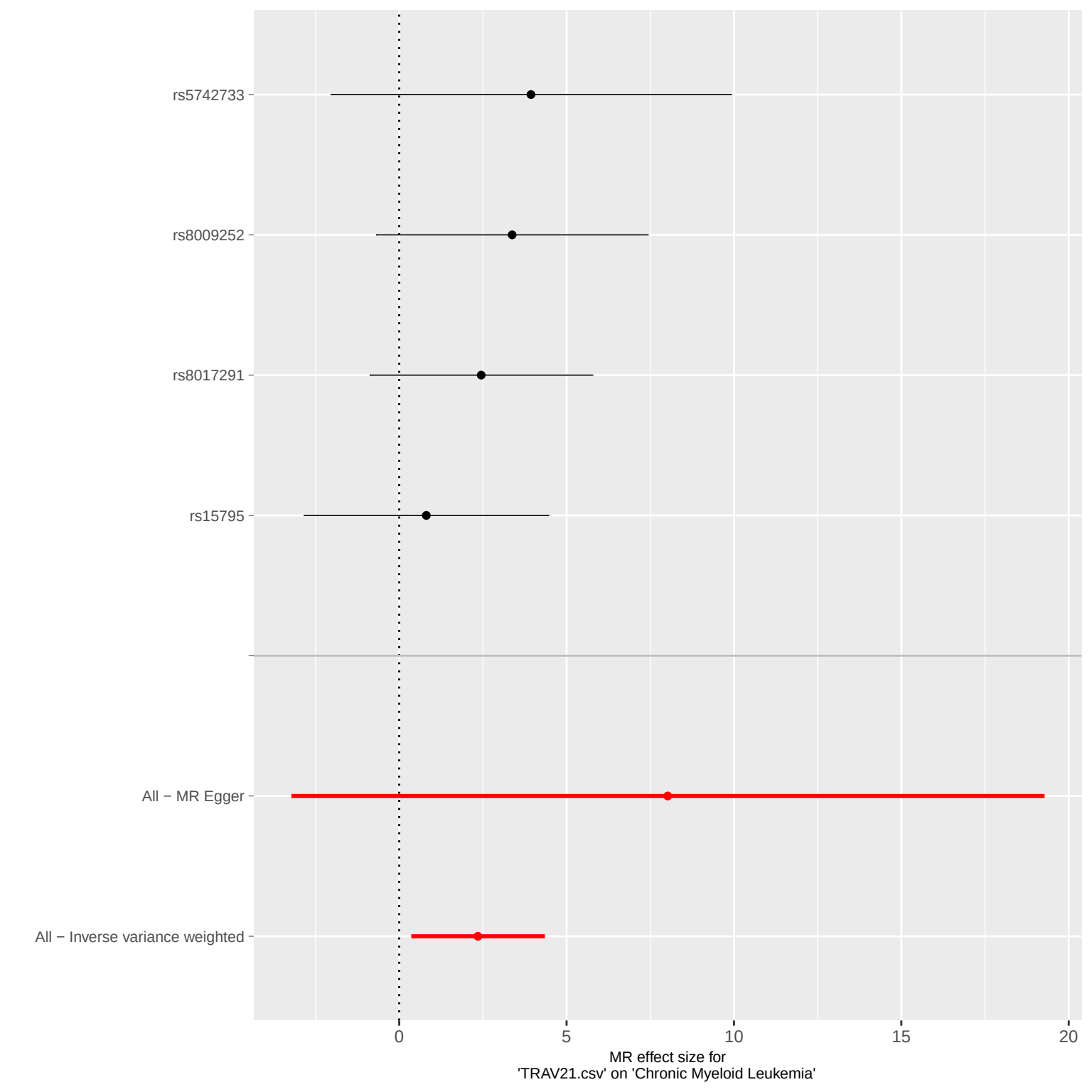
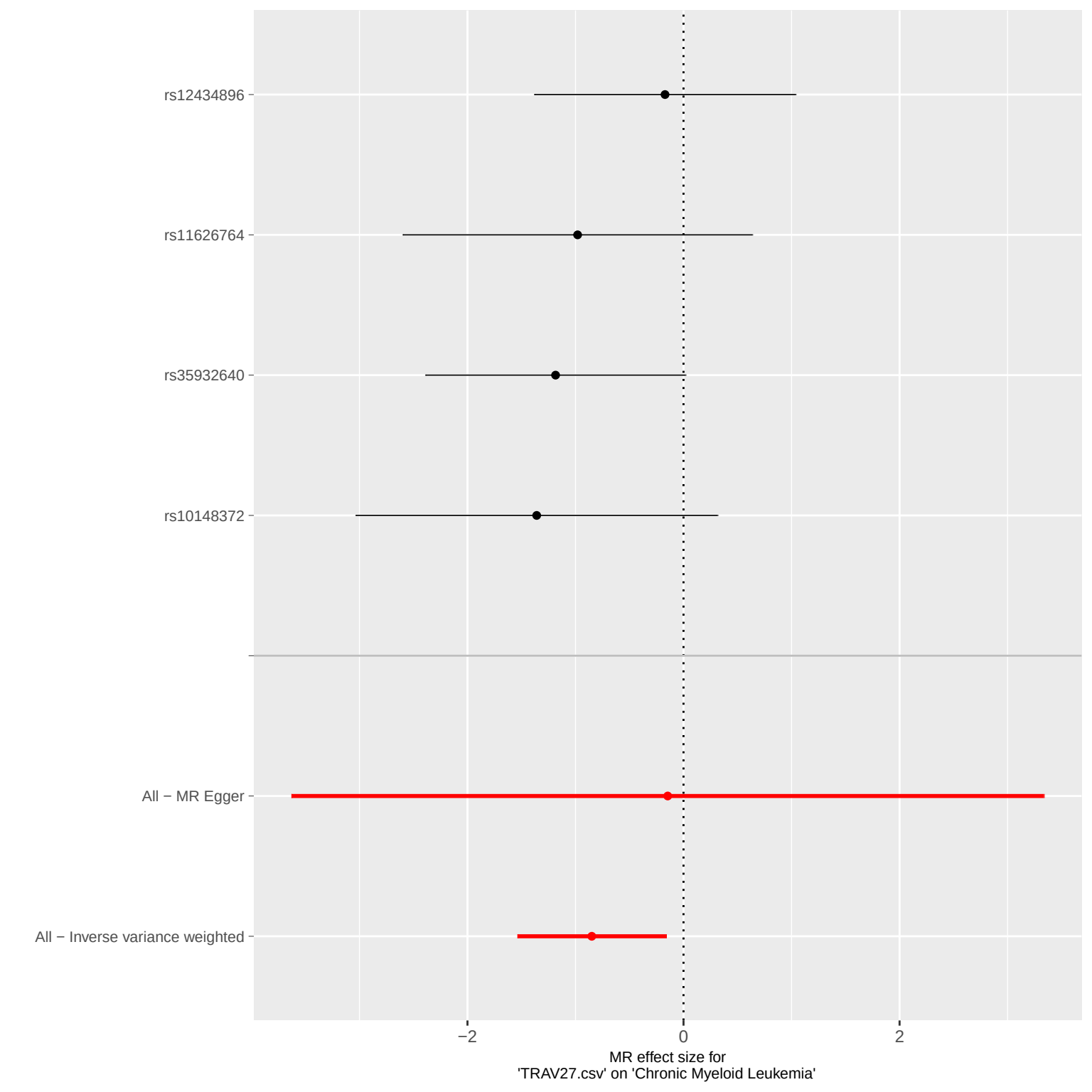
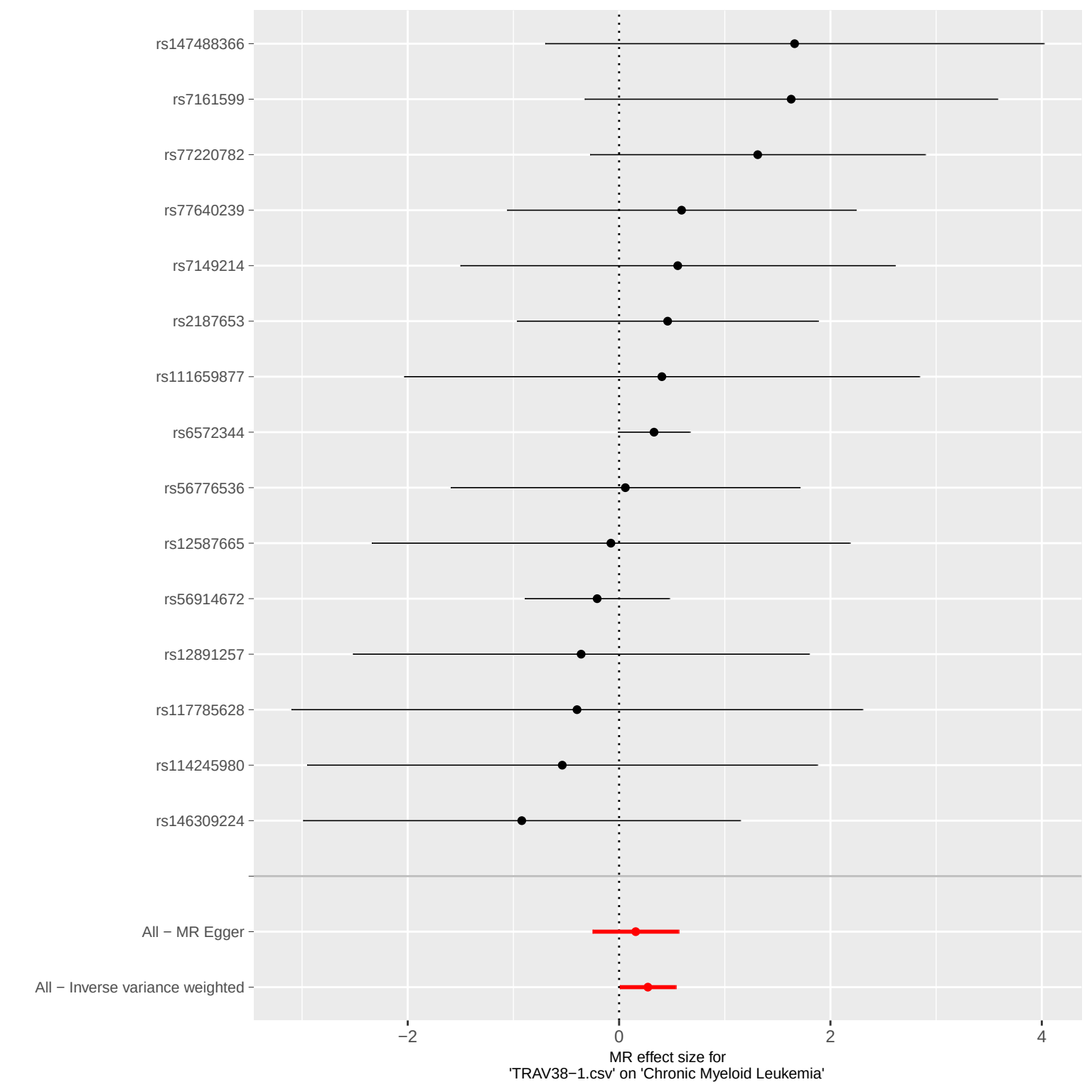
rs145830833
rs8021163
rs116977139
rs17112255
rs116886077
rs9323067
rs8007829
rs3811327
rs4982519
rs116923391
rs55896208
rs1534813
rs12147388
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TRAV14DV4.csv' on 'Chronic Myeloid Leukemia'


rs1040297
rs111573054
rs144003369
rs117710501
rs11629075
rs7143855
rs2272547
rs72677842
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'TRAV20.csv' on 'Chronic Myeloid Leukemia'


rs5742733
rs8009252
rs8017291
rs15795
All − MR Egger
All − Inverse variance weighted
0
5
10
15
20
MR effect size for
'TRAV21.csv' on 'Chronic Myeloid Leukemia'


rs12434896
rs11626764
rs35932640
rs10148372
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TRAV27.csv' on 'Chronic Myeloid Leukemia'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rs111659877
rs6572344
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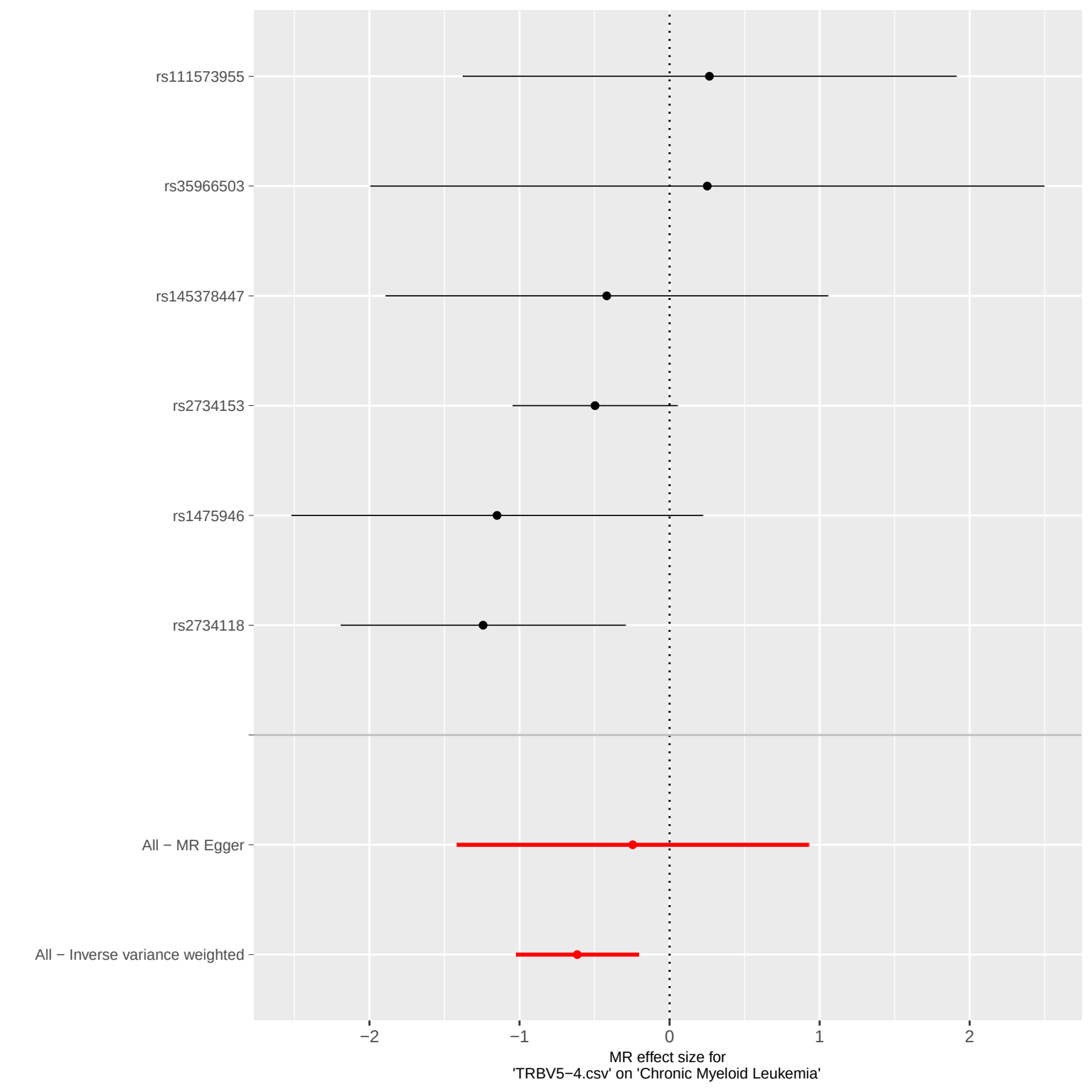
rs12587665
rs56914672
rs12891257
rs117785628
rs114245980
rs146309224
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TRAV38−1.csv' on 'Chronic Myeloid Leukemia'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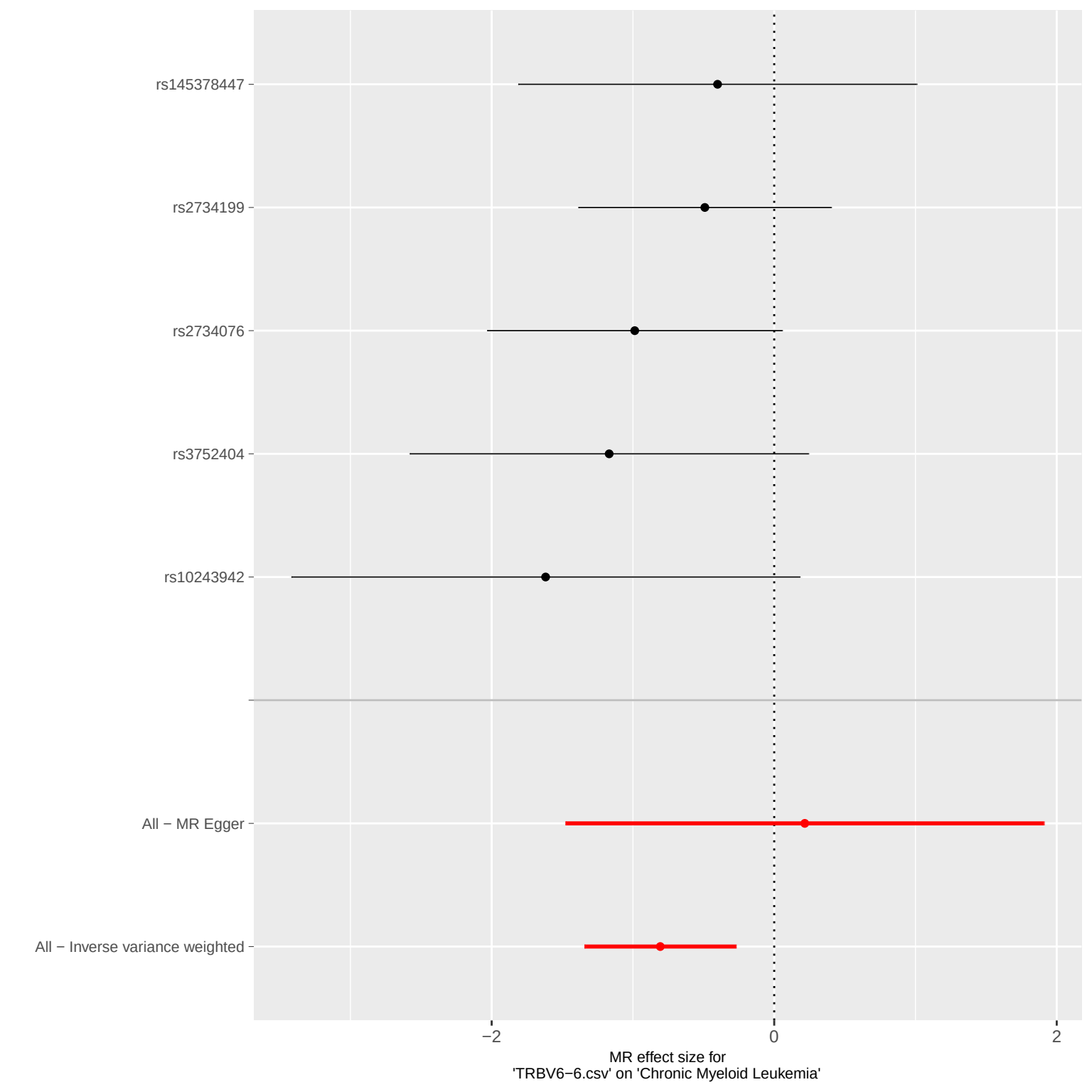
rs35966503
rs145378447
rs2734153
rs1475946
rs2734118
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'TRBV5−4.csv' on 'Chronic Myeloid Leukemia'


rs145378447
rs2734199
rs2734076
rs3752404
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All − Inverse variance weighted
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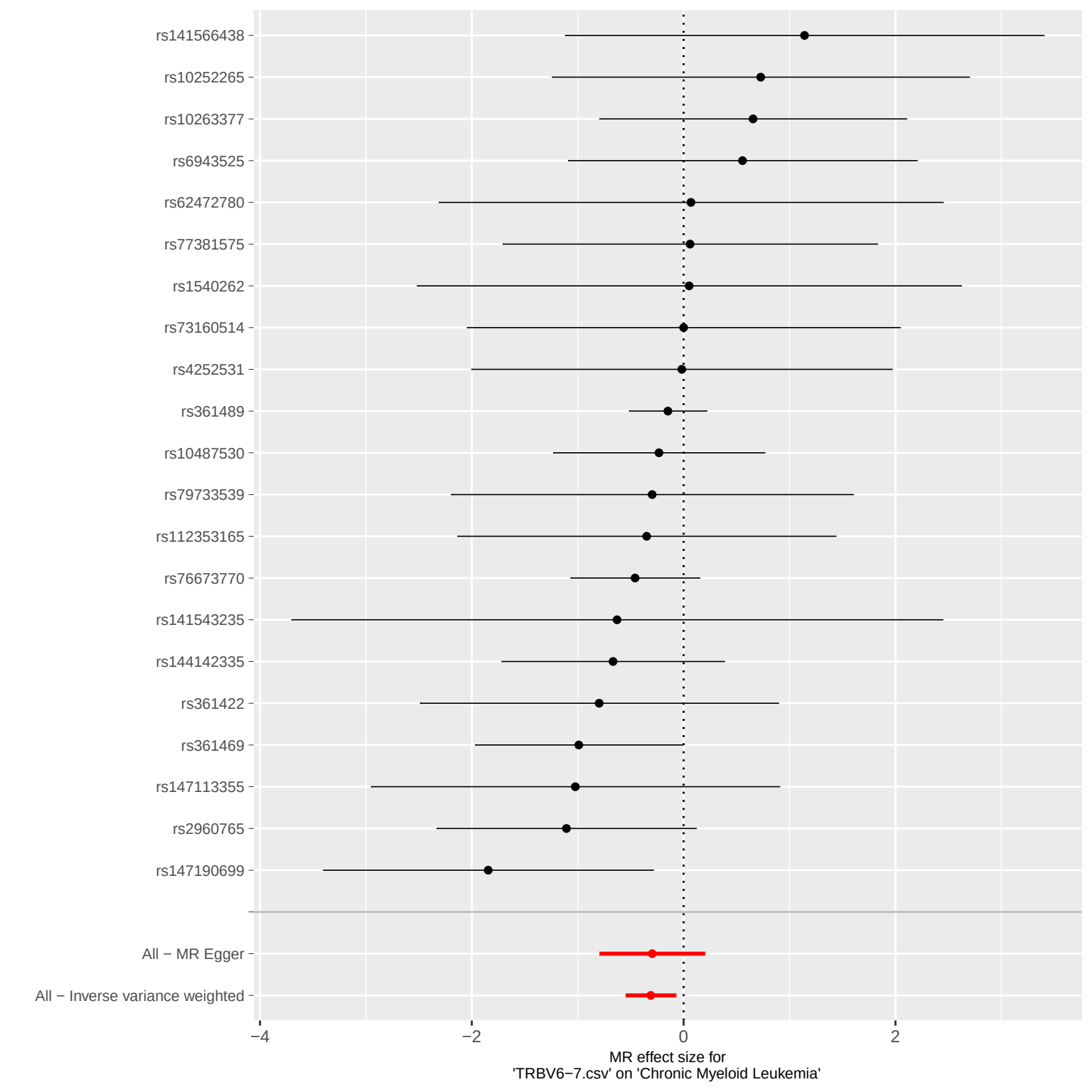
0
2
MR effect size for
'TRBV6−6.csv' on 'Chronic Myeloid Leukemia'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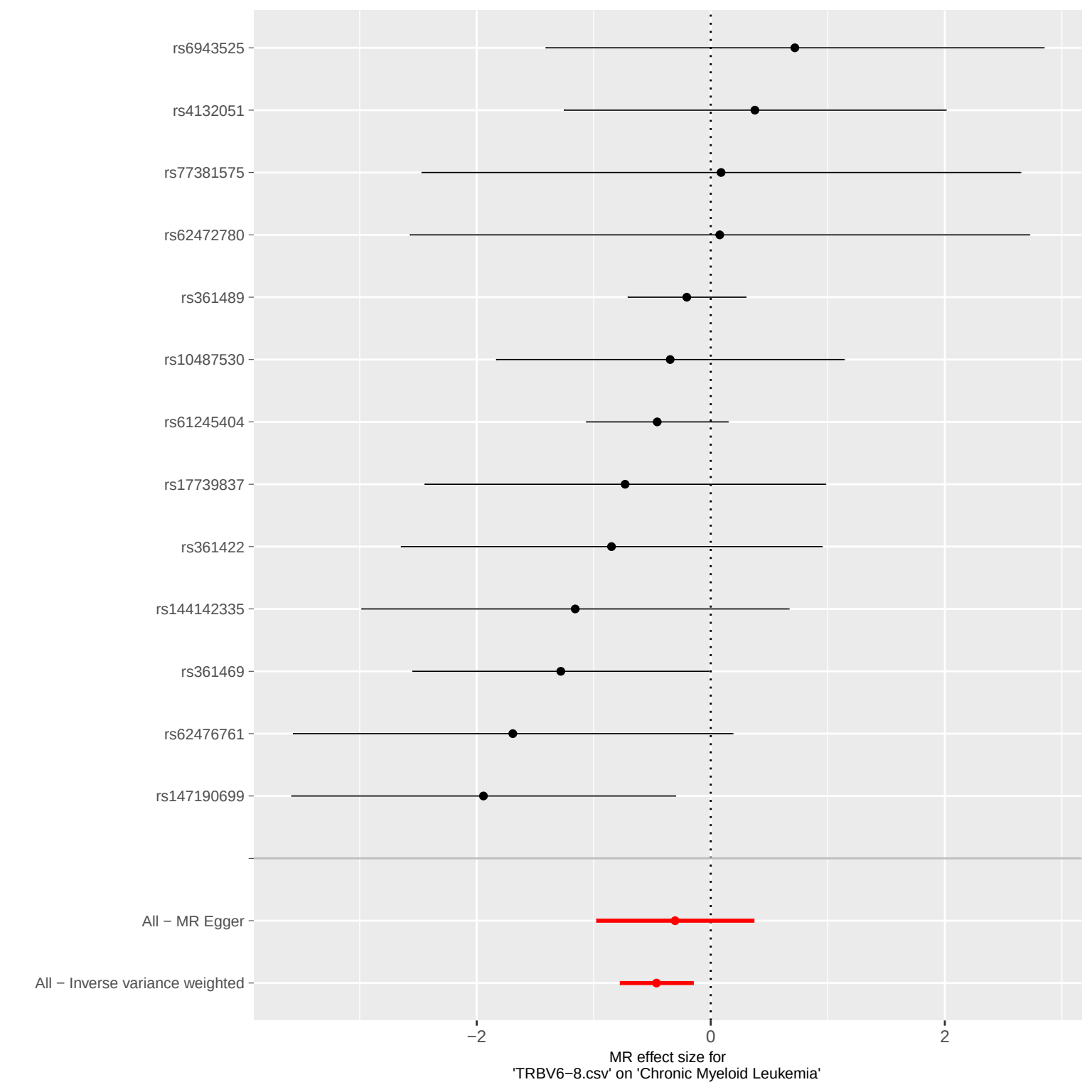
rs112353165
rs76673770
rs141543235
rs144142335
rs361422
rs361469
rs147113355
rs2960765
rs147190699
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TRBV6−7.csv' on 'Chronic Myeloid Leukemia'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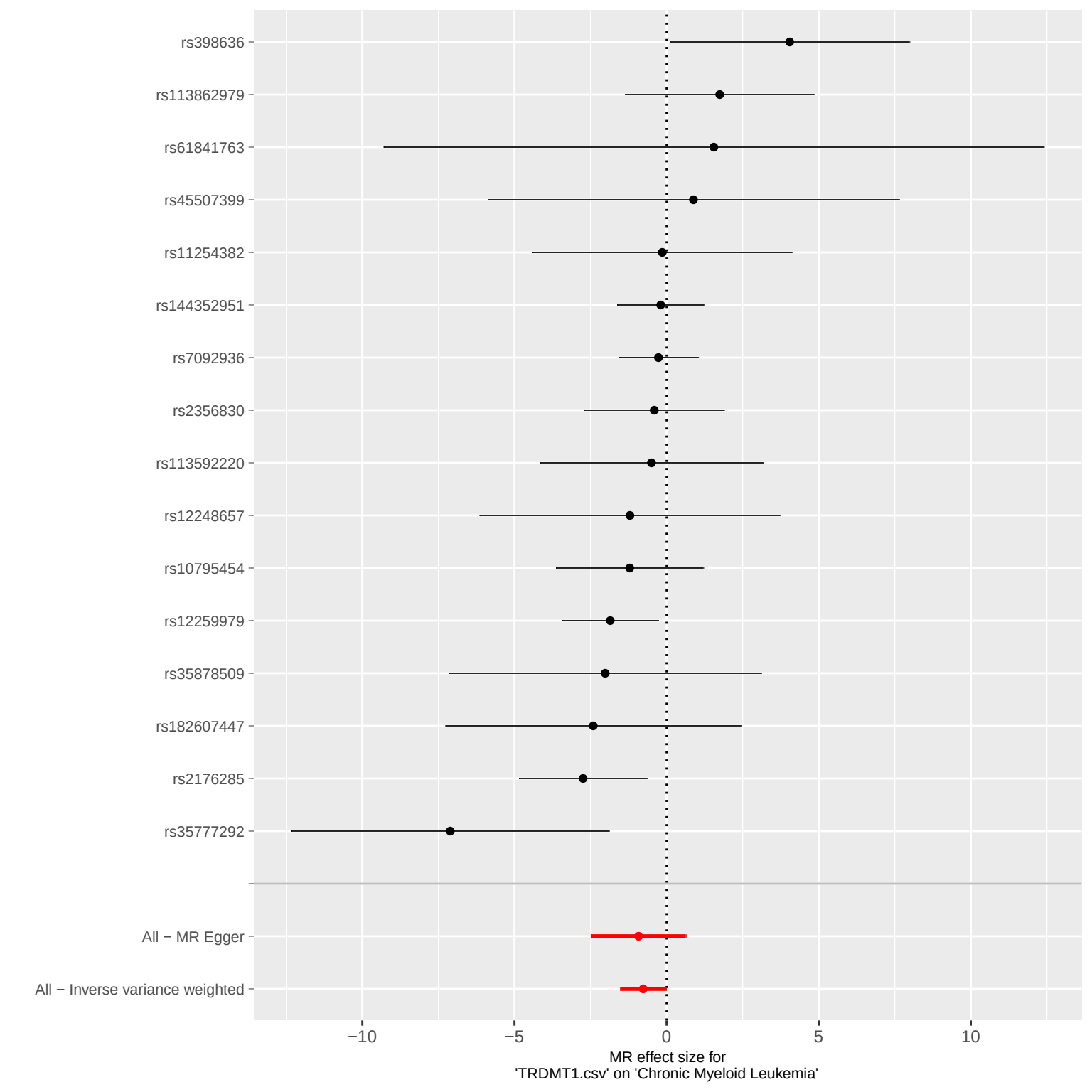
rs62472780
rs361489
rs10487530
rs61245404
rs17739837
rs361422
rs144142335
rs361469
rs62476761
rs147190699
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TRBV6−8.csv' on 'Chronic Myeloid Leukemia'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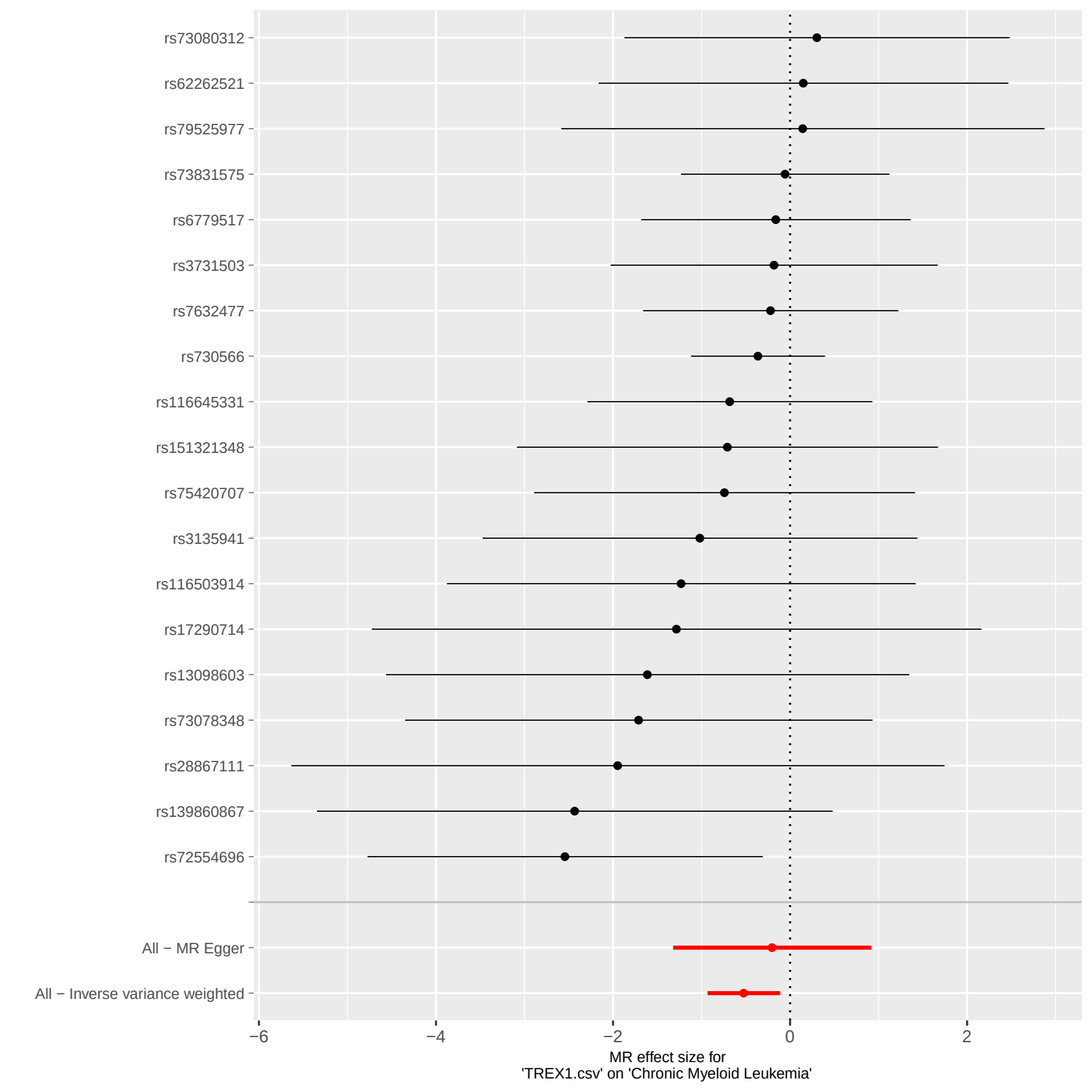
rs2356830
rs113592220
rs12248657
rs10795454
rs12259979
rs35878509
rs182607447
rs2176285
rs35777292
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TRDMT1.csv' on 'Chronic Myeloid Leukemia'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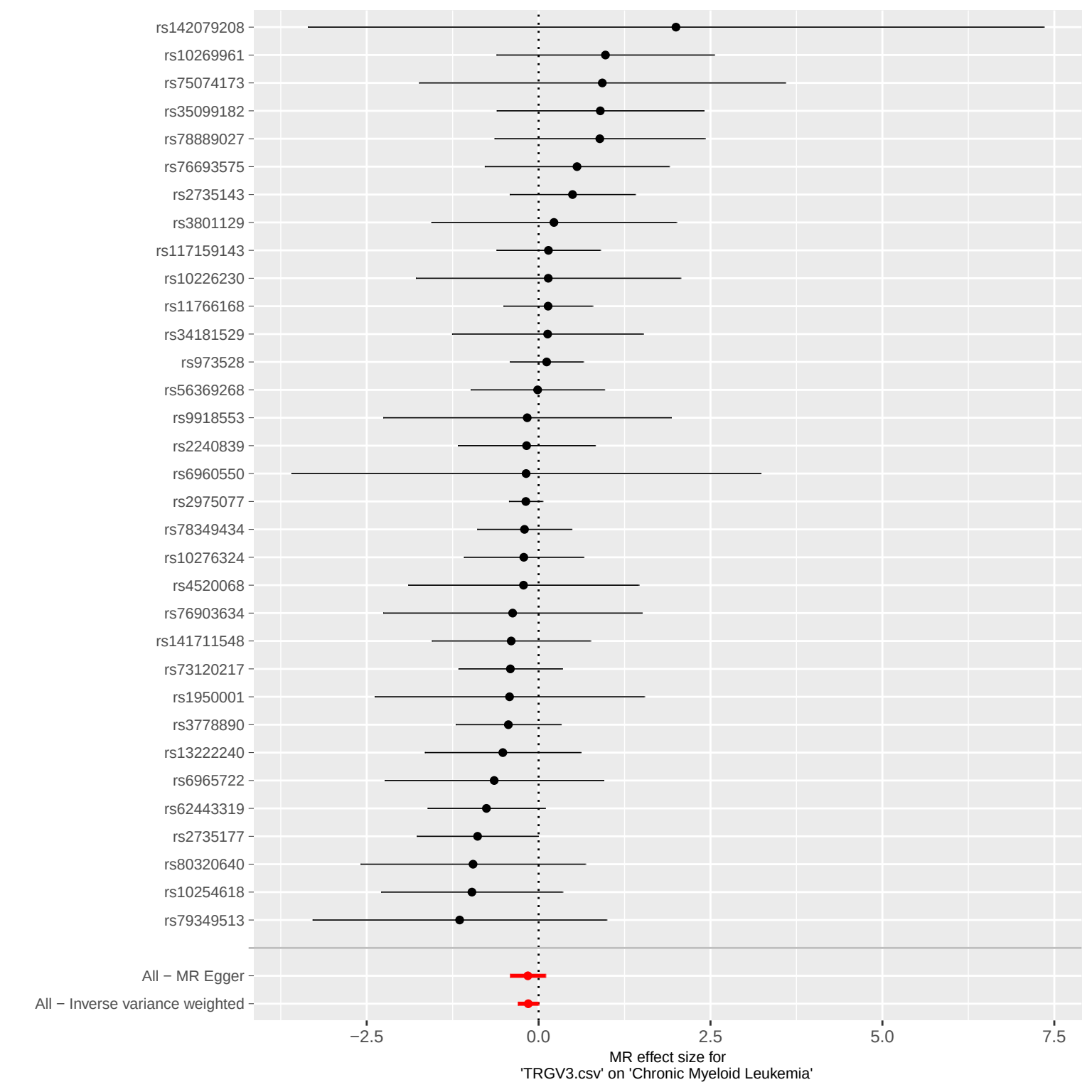
rs3135941
rs116503914
rs17290714
rs13098603
rs73078348
rs28867111
rs139860867
rs72554696
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'TREX1.csv' on 'Chronic Myeloid Leukemia'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rs3801129
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rs34181529
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rs56369268
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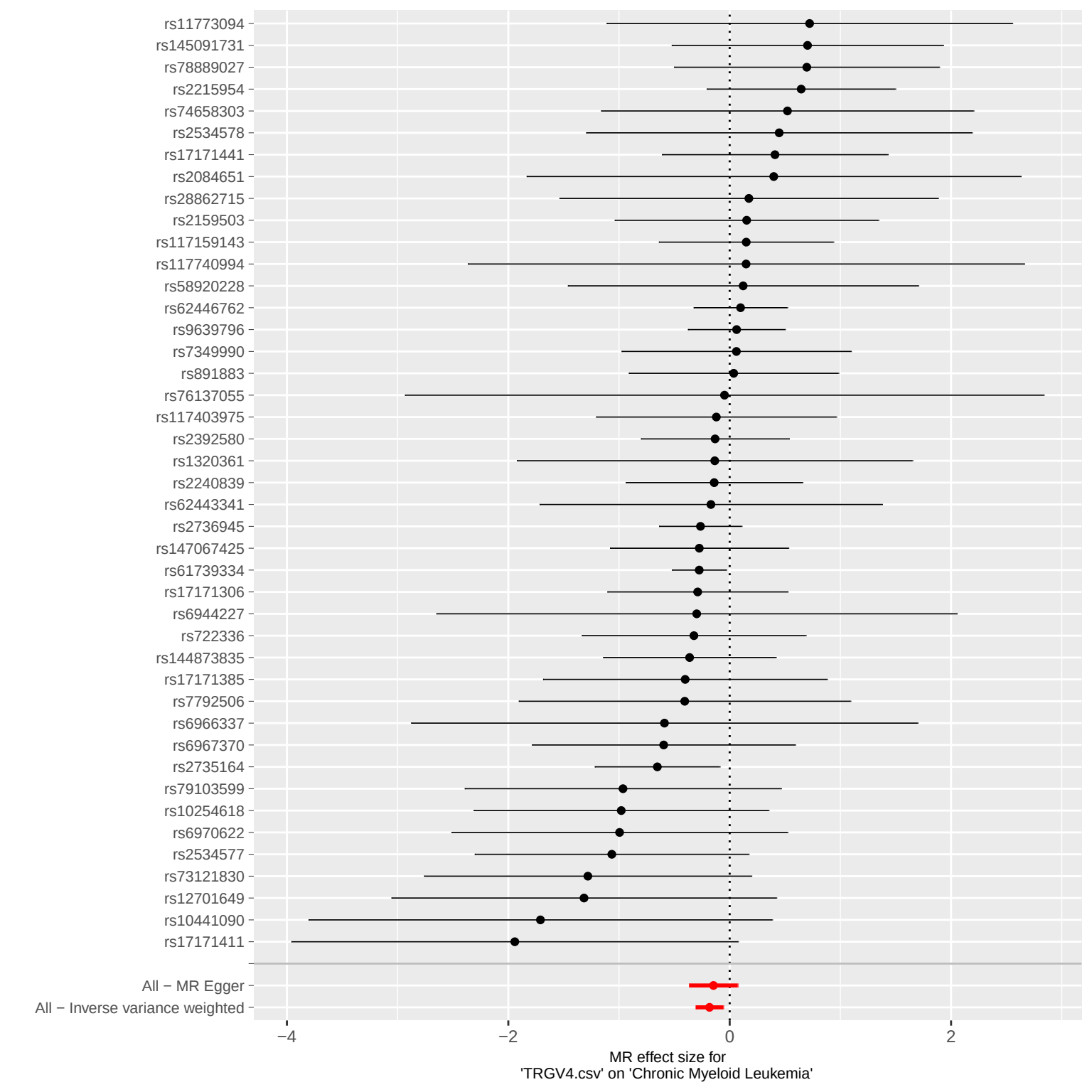
rs1950001
rs3778890
rs13222240
rs6965722
rs62443319
rs2735177
rs80320640
rs10254618
rs79349513
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'TRGV3.csv' on 'Chronic Myeloid Leukemia'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rs62446762
rs9639796
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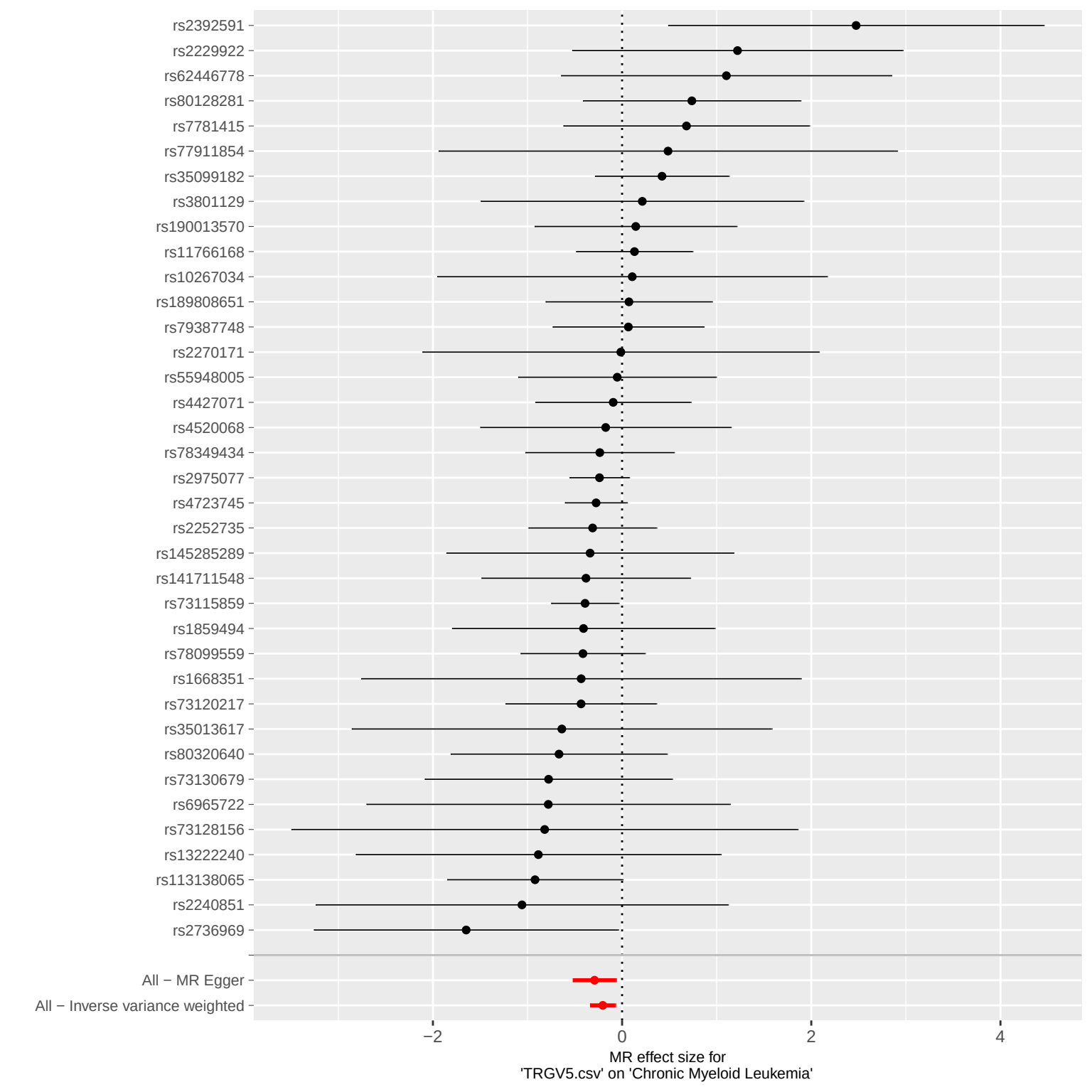
rs117403975
rs2392580
rs1320361
rs2240839
rs62443341
rs2736945
rs147067425
rs61739334
rs17171306
rs6944227
rs722336
rs144873835
rs17171385
rs7792506
rs6966337
rs6967370
rs2735164
rs79103599
rs10254618
rs6970622
rs2534577
rs73121830
rs12701649
rs10441090
rs17171411
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TRGV4.csv' on 'Chronic Myeloid Leukemia'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rs190013570
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rs10267034
rs189808651
rs79387748
rs2270171
rs55948005
rs4427071
rs4520068
rs78349434
rs2975077
rs4723745
rs2252735
rs145285289
rs141711548
rs73115859
rs1859494
rs78099559
rs1668351
rs73120217
rs35013617
rs80320640
rs73130679
rs6965722
rs73128156
rs13222240
rs113138065
rs2240851
rs2736969
All − MR Egger
All − Inverse variance weighted
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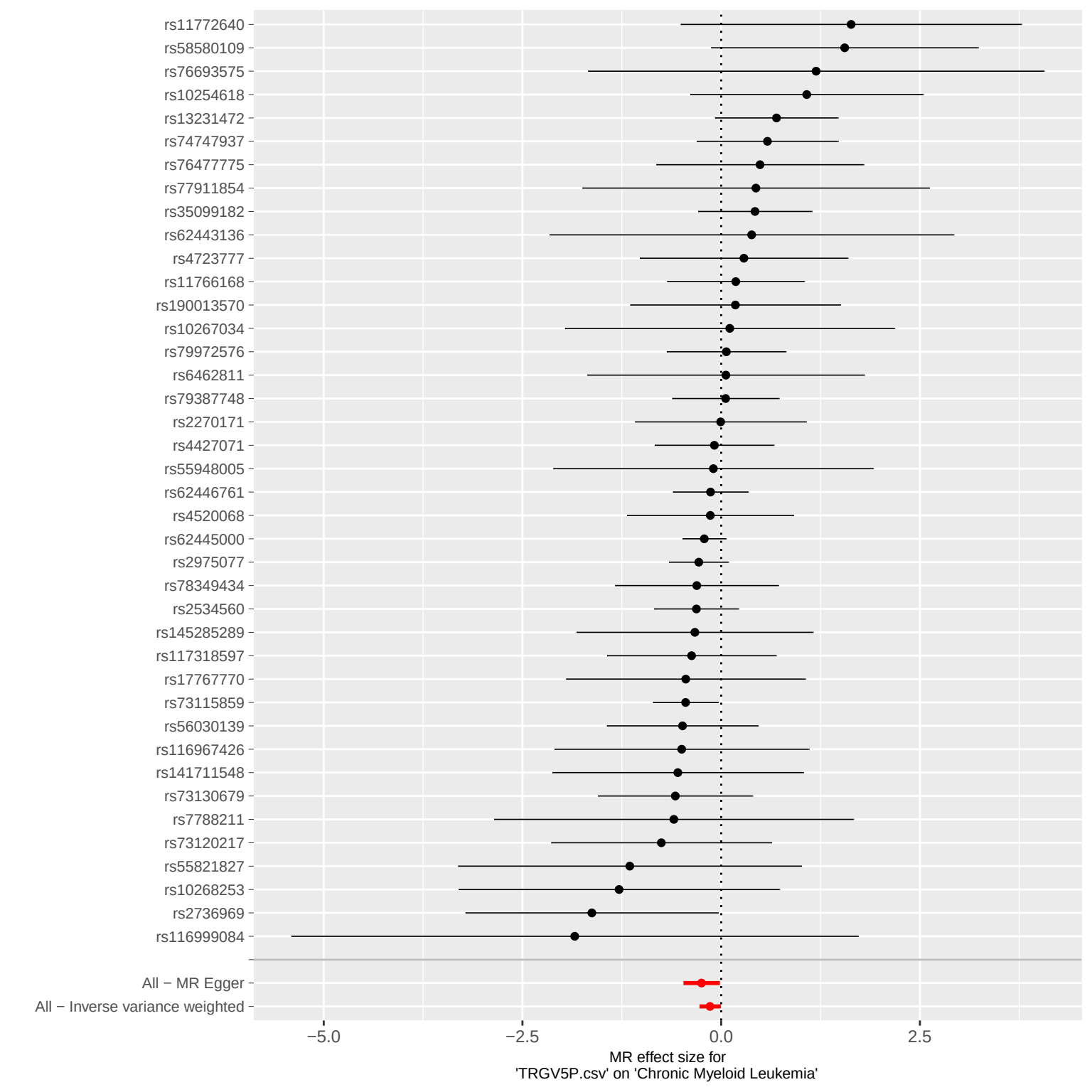
2
4
MR effect size for
'TRGV5.csv' on 'Chronic Myeloid Leukemia'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rs6462811
rs79387748
rs2270171
rs4427071
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rs62446761
rs4520068
rs62445000
rs2975077
rs78349434
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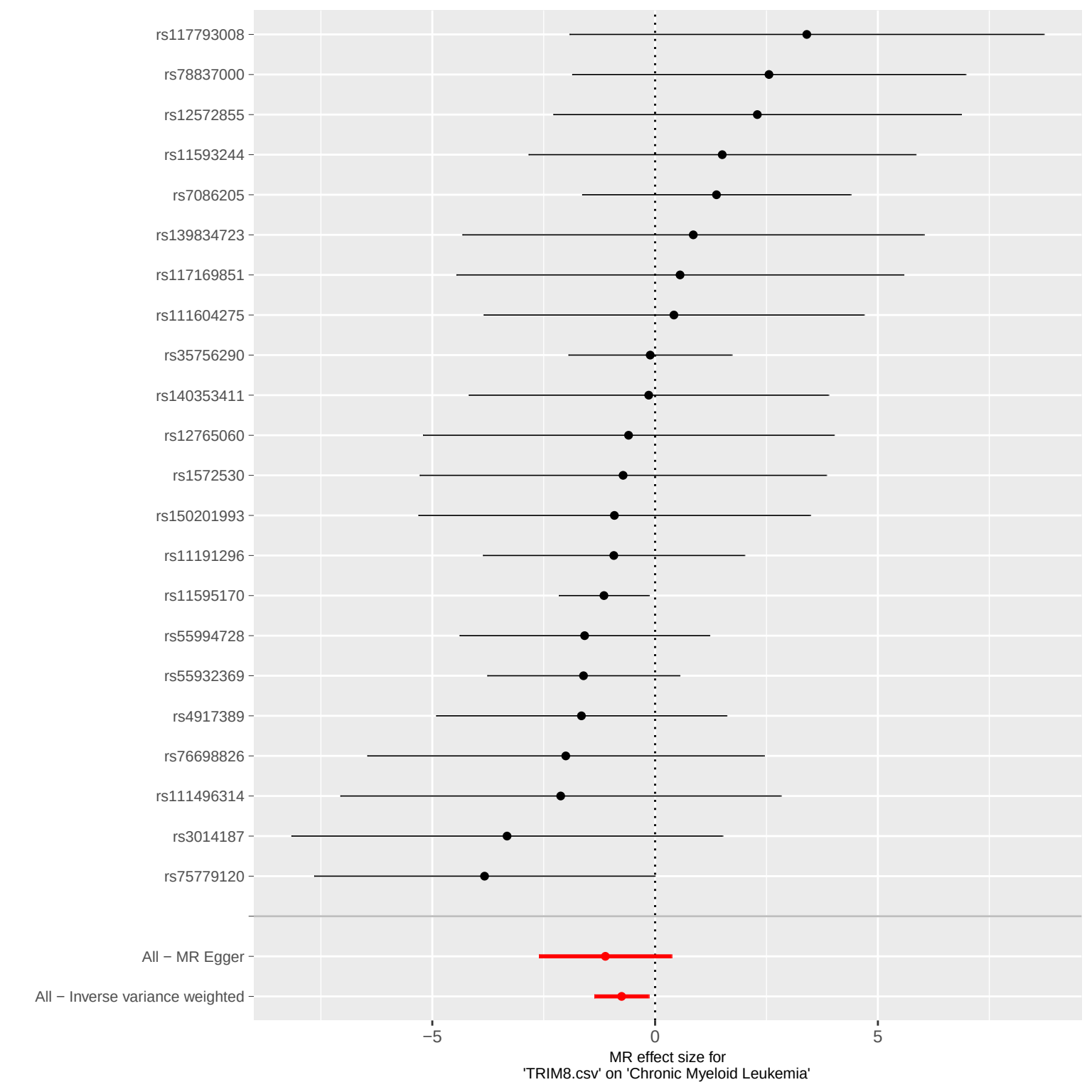
rs145285289
rs117318597
rs17767770
rs73115859
rs56030139
rs116967426
rs141711548
rs73130679
rs7788211
rs73120217
rs55821827
rs10268253
rs2736969
rs116999084
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TRGV5P.csv' on 'Chronic Myeloid Leukemia'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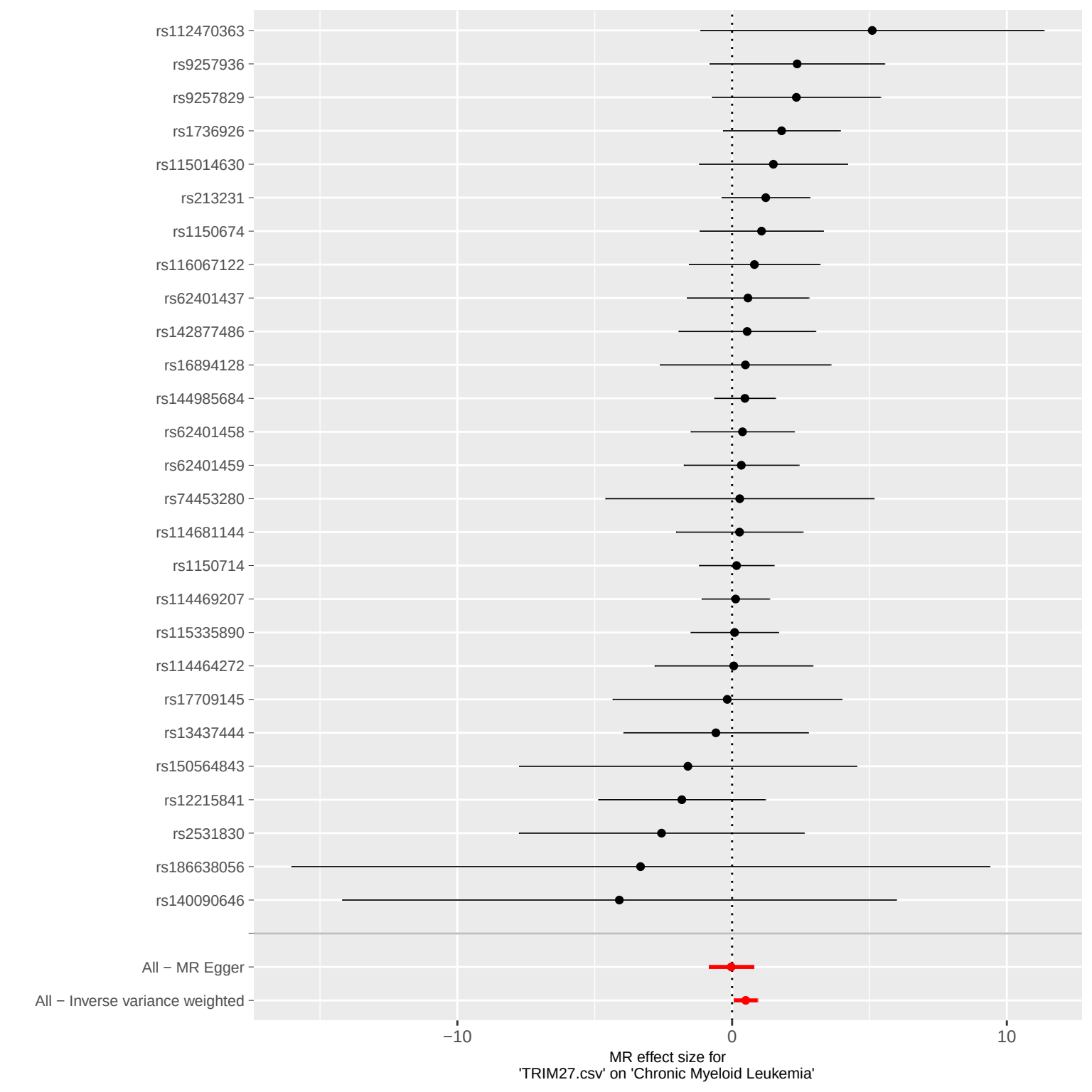
rs150201993
rs11191296
rs11595170
rs55994728
rs55932369
rs4917389
rs76698826
rs111496314
rs3014187
rs75779120
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRIM8.csv' on 'Chronic Myeloid Leukemia'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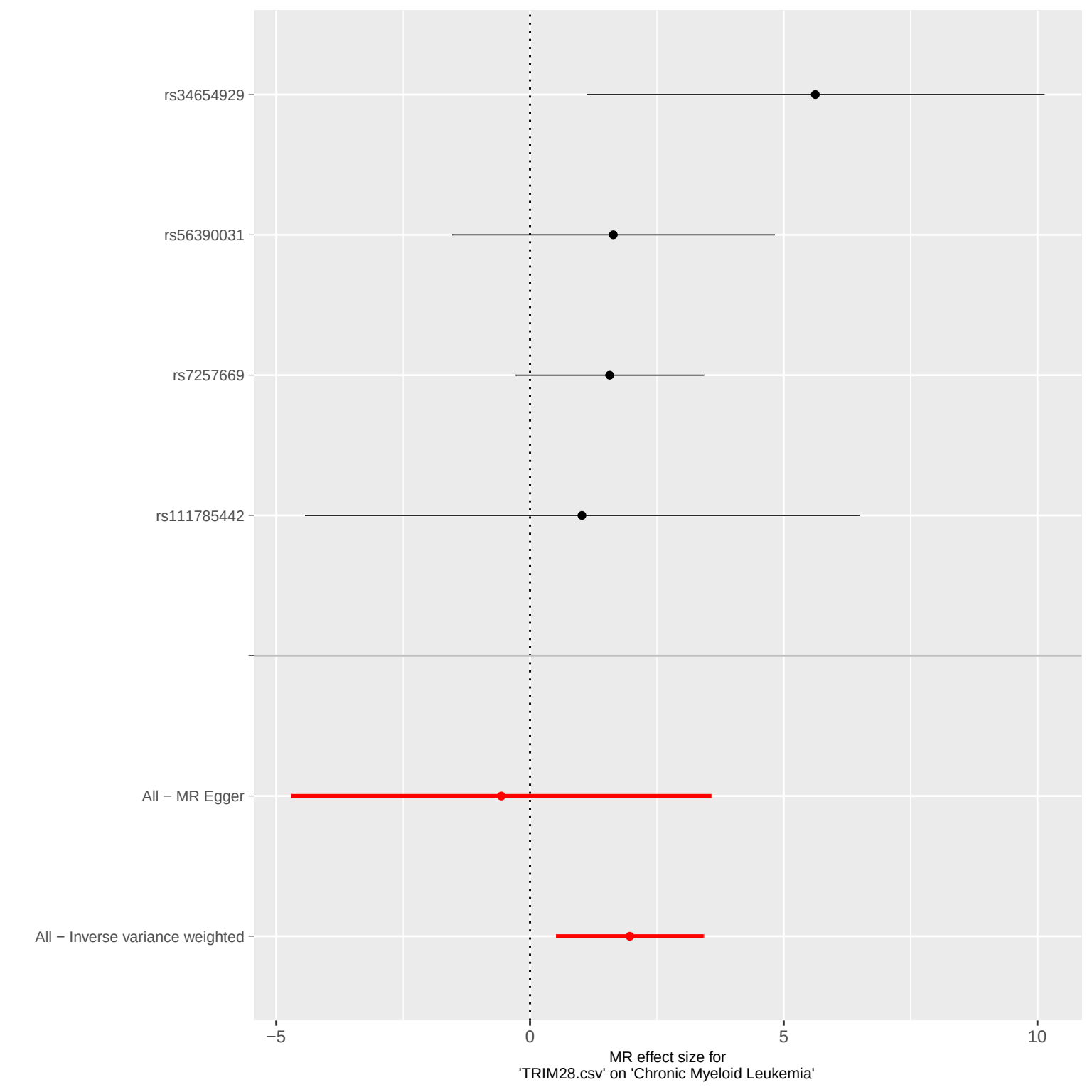
rs115335890
rs114464272
rs17709145
rs13437444
rs150564843
rs12215841
rs2531830
rs186638056
rs140090646
All − MR Egger
All − Inverse variance weighted
−10
0
10
MR effect size for
'TRIM27.csv' on 'Chronic Myeloid Leukemia'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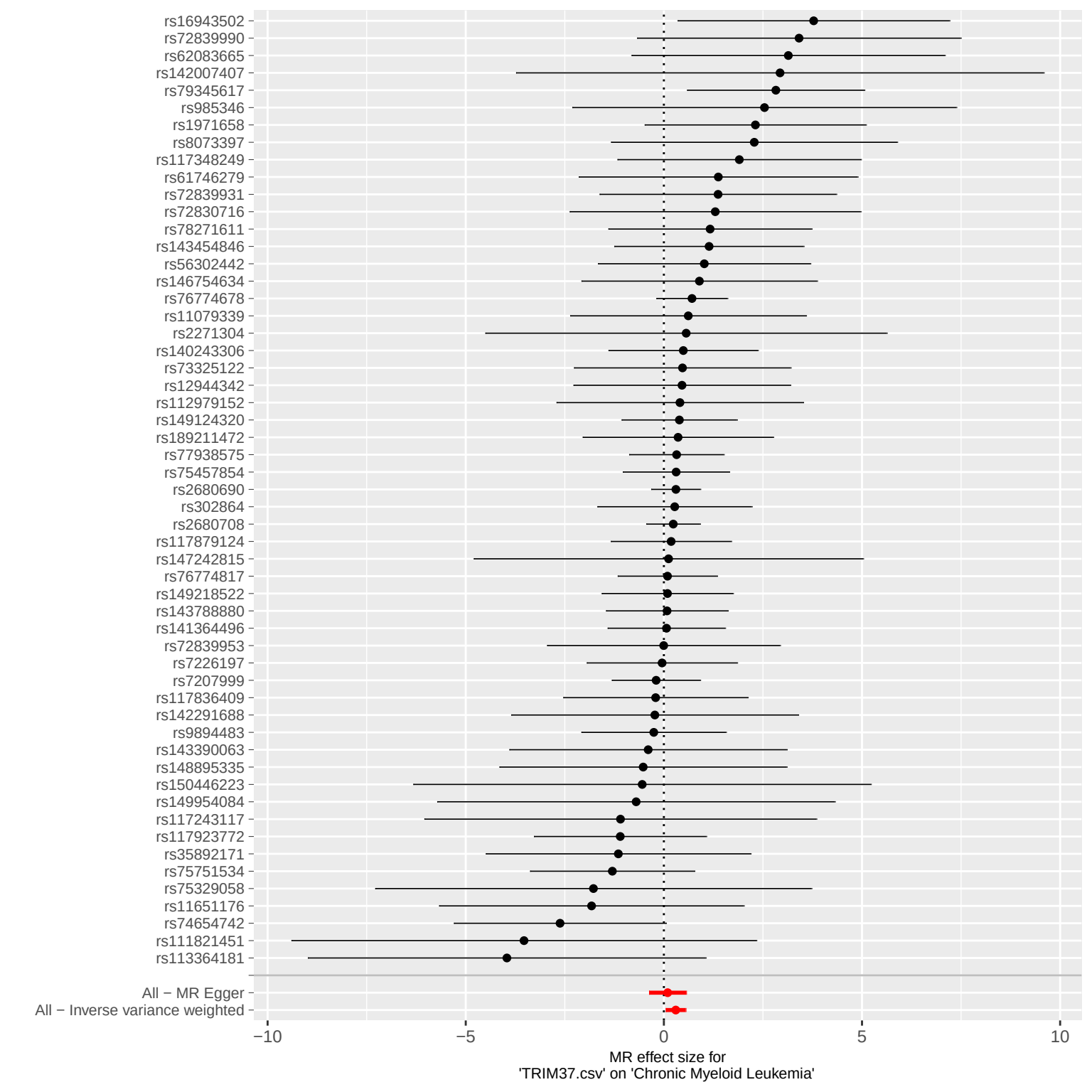
rs56390031
rs7257669
rs111785442
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TRIM28.csv' on 'Chronic Myeloid Leukemia'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rs2271304
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rs117243117
rs117923772
rs35892171
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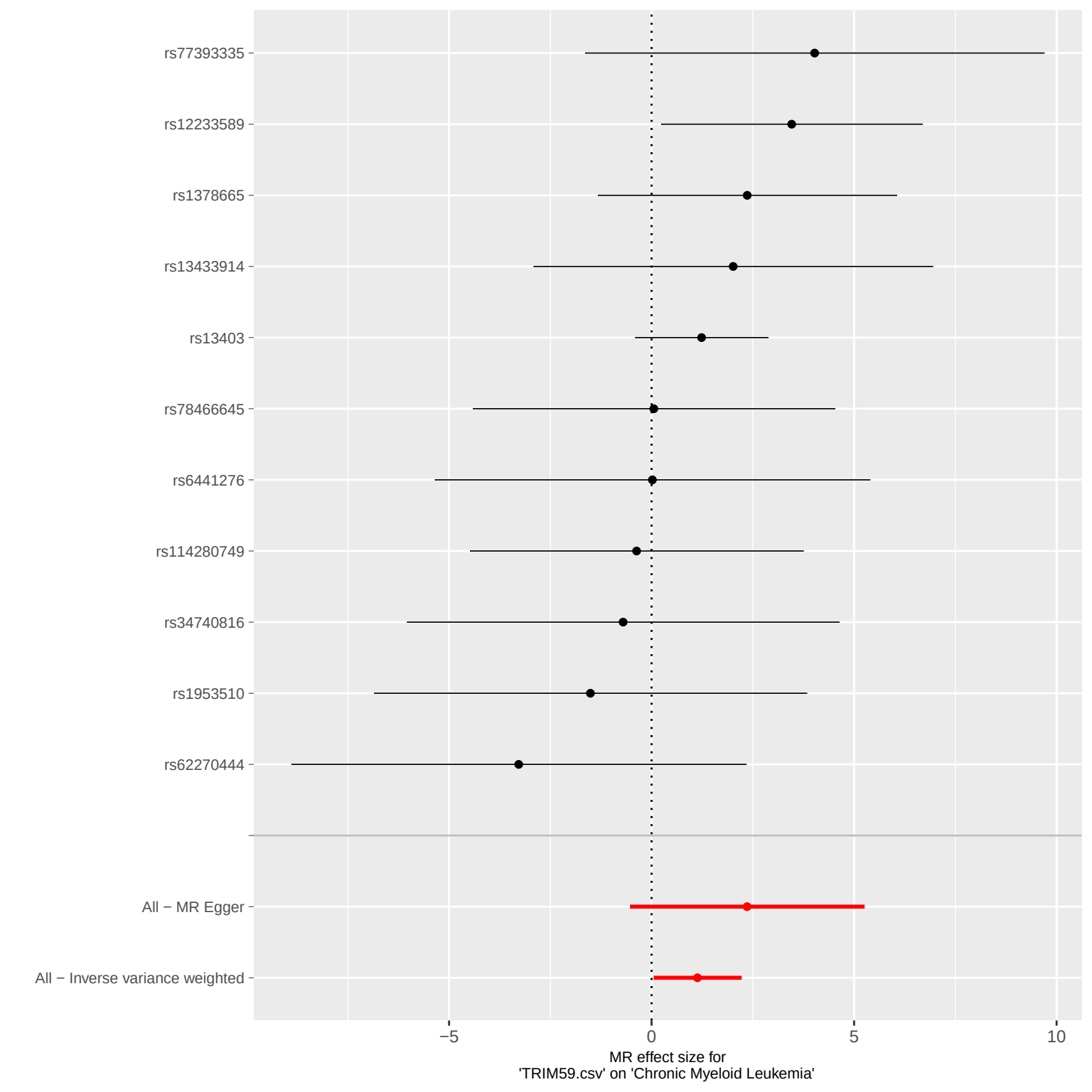
rs75329058
rs11651176
rs74654742
rs111821451
rs113364181
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TRIM37.csv' on 'Chronic Myeloid Leukemia'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rs34740816
rs1953510
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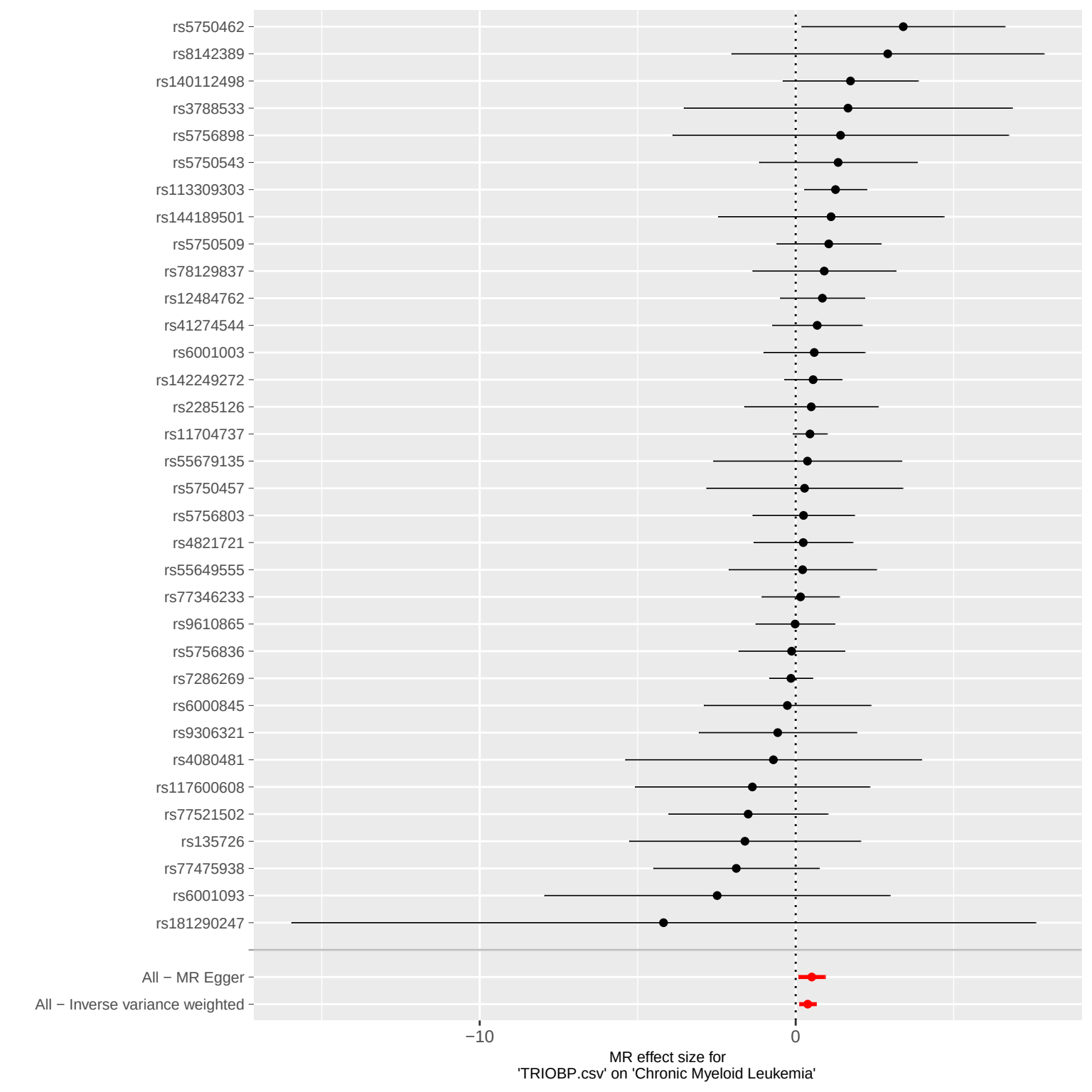
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TRIM59.csv' on 'Chronic Myeloid Leukemia'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rs117600608
rs77521502
rs135726
rs77475938
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All − MR Egger
All − Inverse variance weighted
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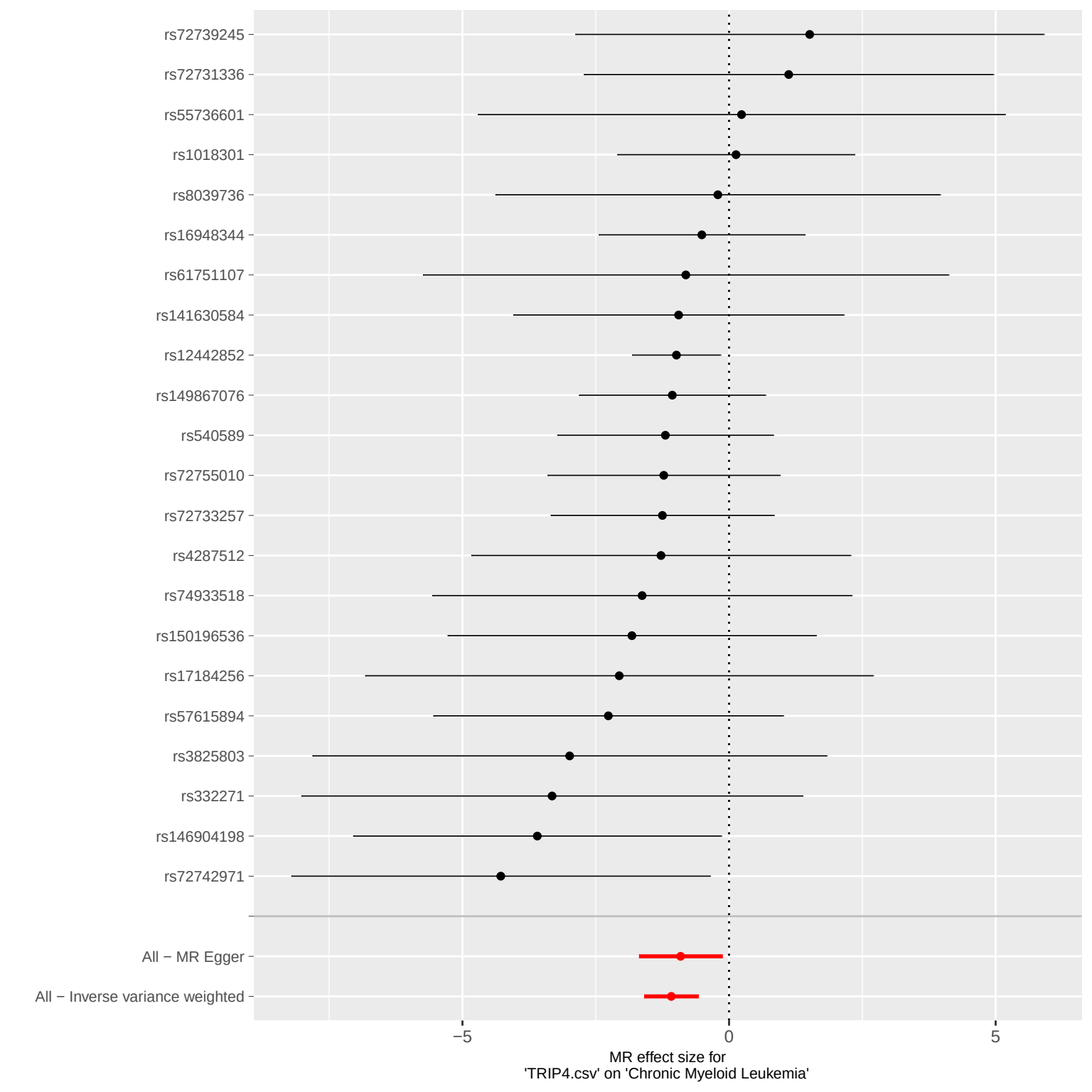
MR effect size for
'TRIOBP.csv' on 'Chronic Myeloid Leukemia'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rs4287512
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rs17184256
rs57615894
rs3825803
rs332271
rs146904198
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All − MR Egger
All − Inverse variance weighted
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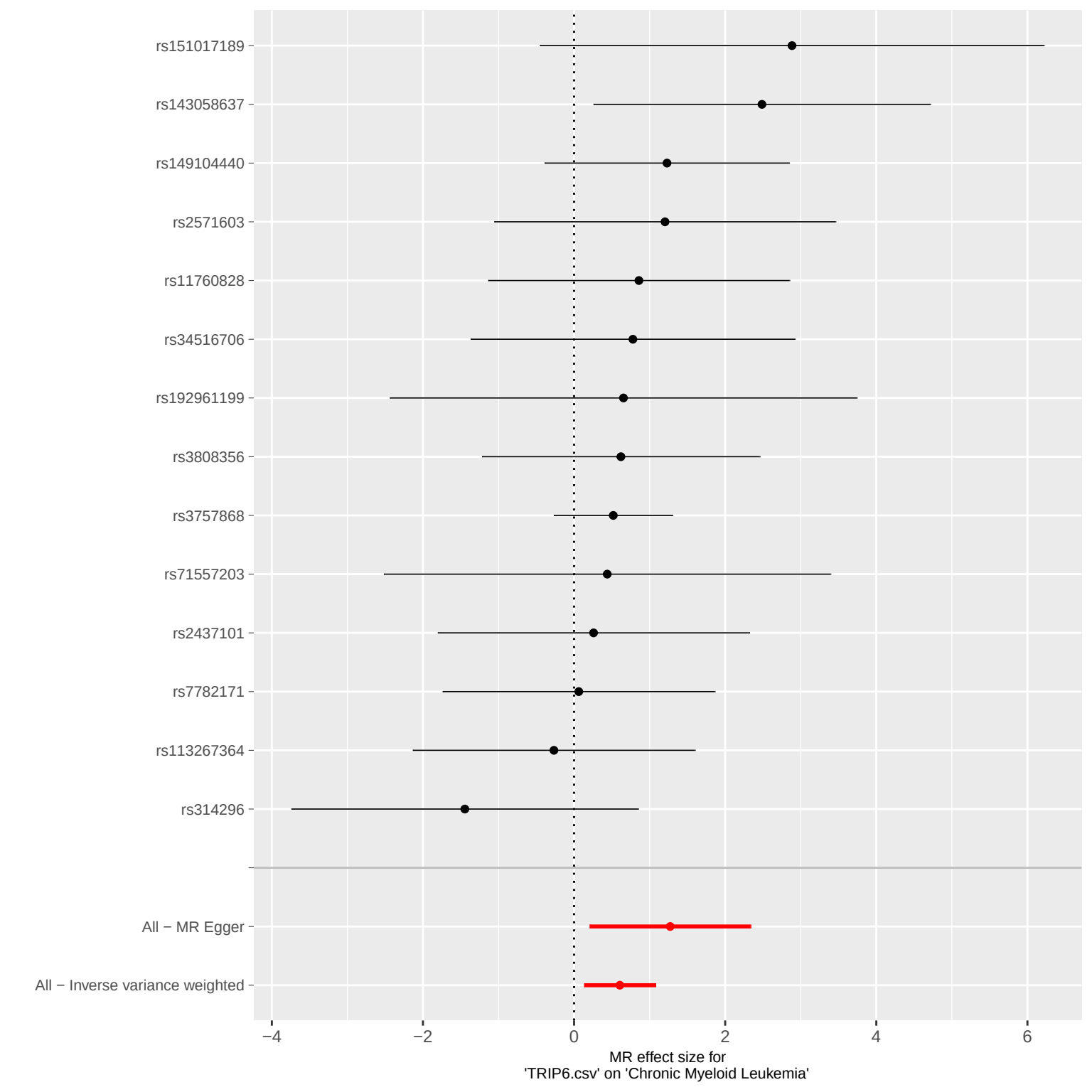
0
5
MR effect size for
'TRIP4.csv' on 'Chronic Myeloid Leukemia'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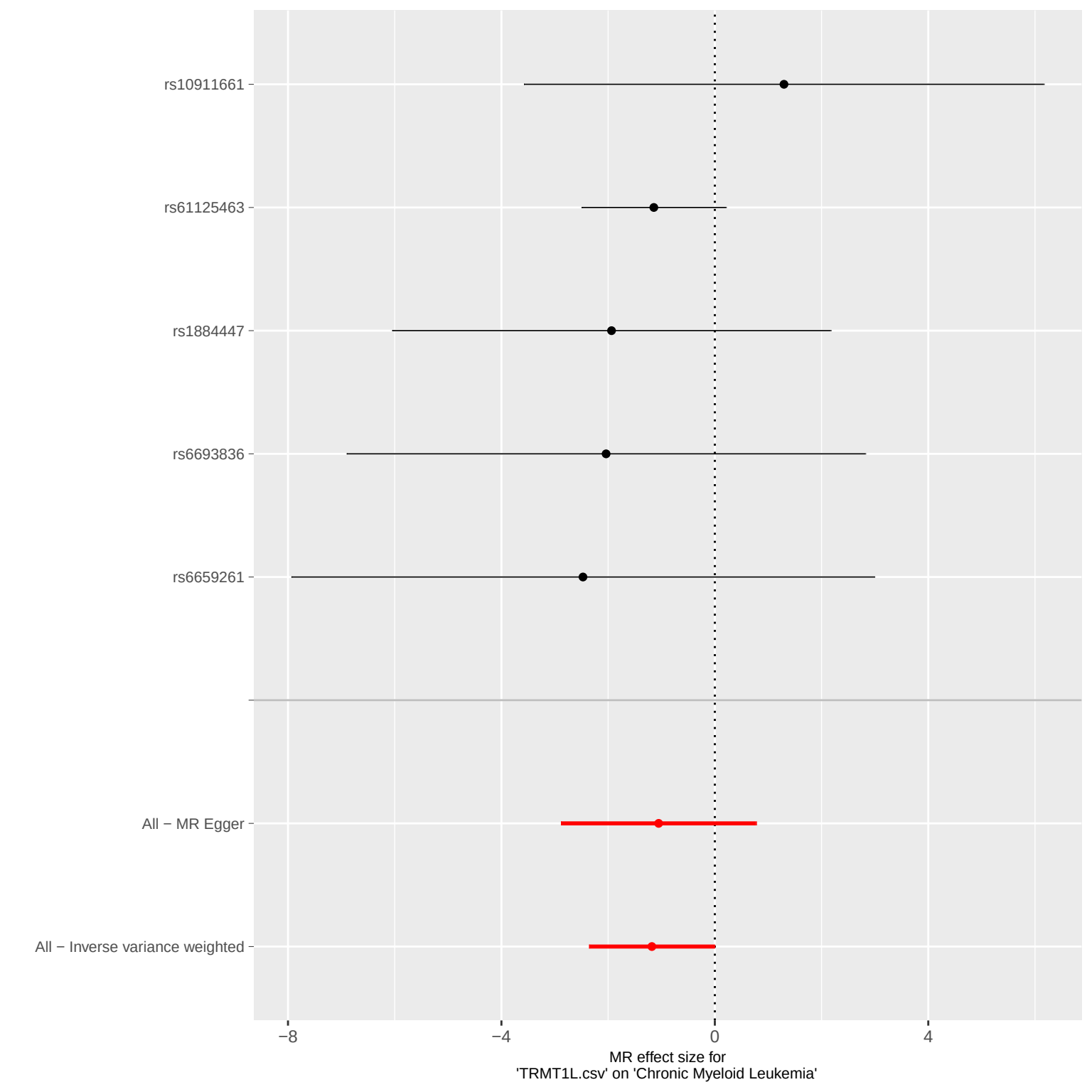
rs71557203
rs2437101
rs7782171
rs113267364
rs314296
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'TRIP6.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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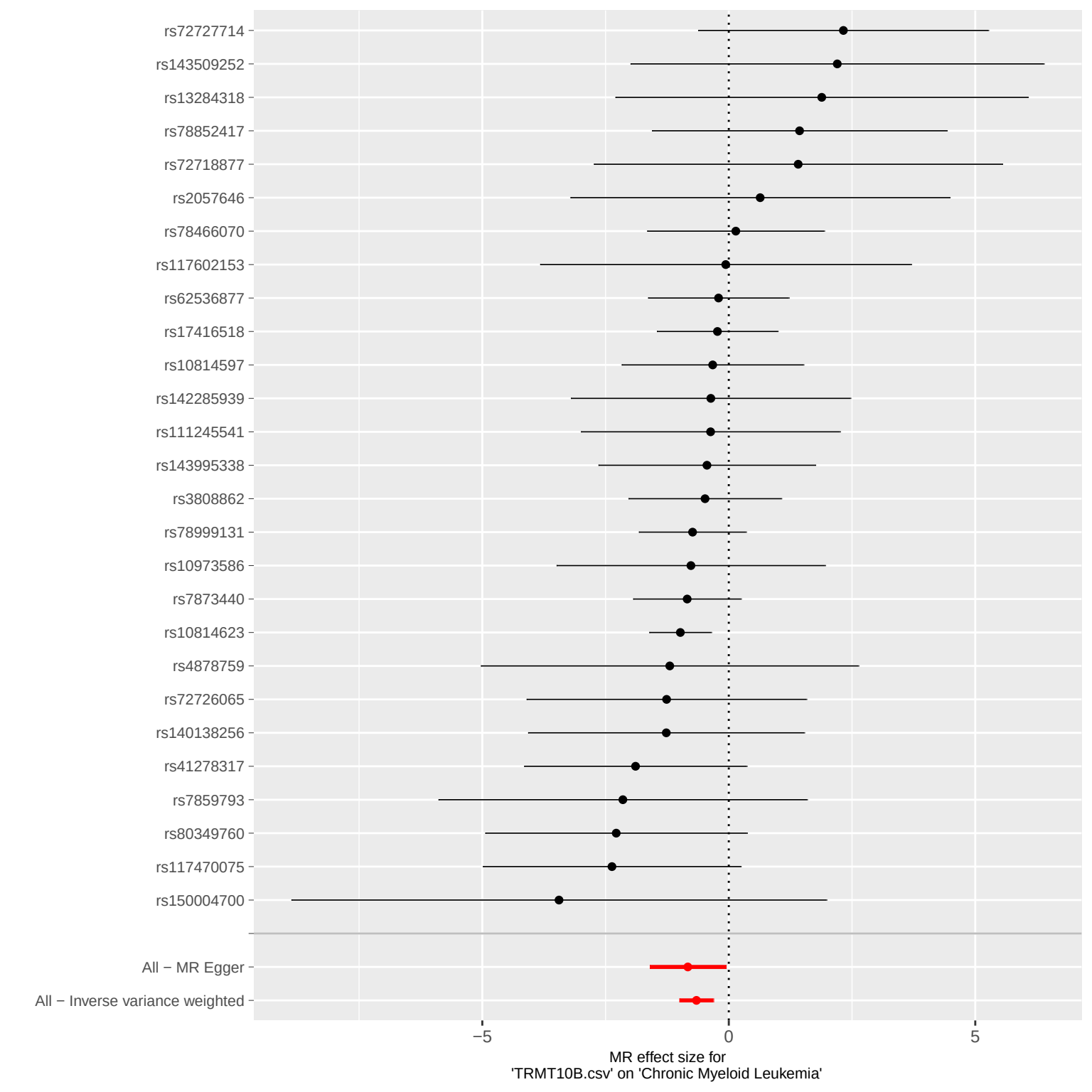
−4
0
4
MR effect size for
'TRMT1L.csv' on 'Chronic Myeloid Leukemia'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rs10814597
rs142285939
rs111245541
rs143995338
rs3808862
rs78999131
rs10973586
rs7873440
rs10814623
rs4878759
rs72726065
rs140138256
rs41278317
rs7859793
rs80349760
rs117470075
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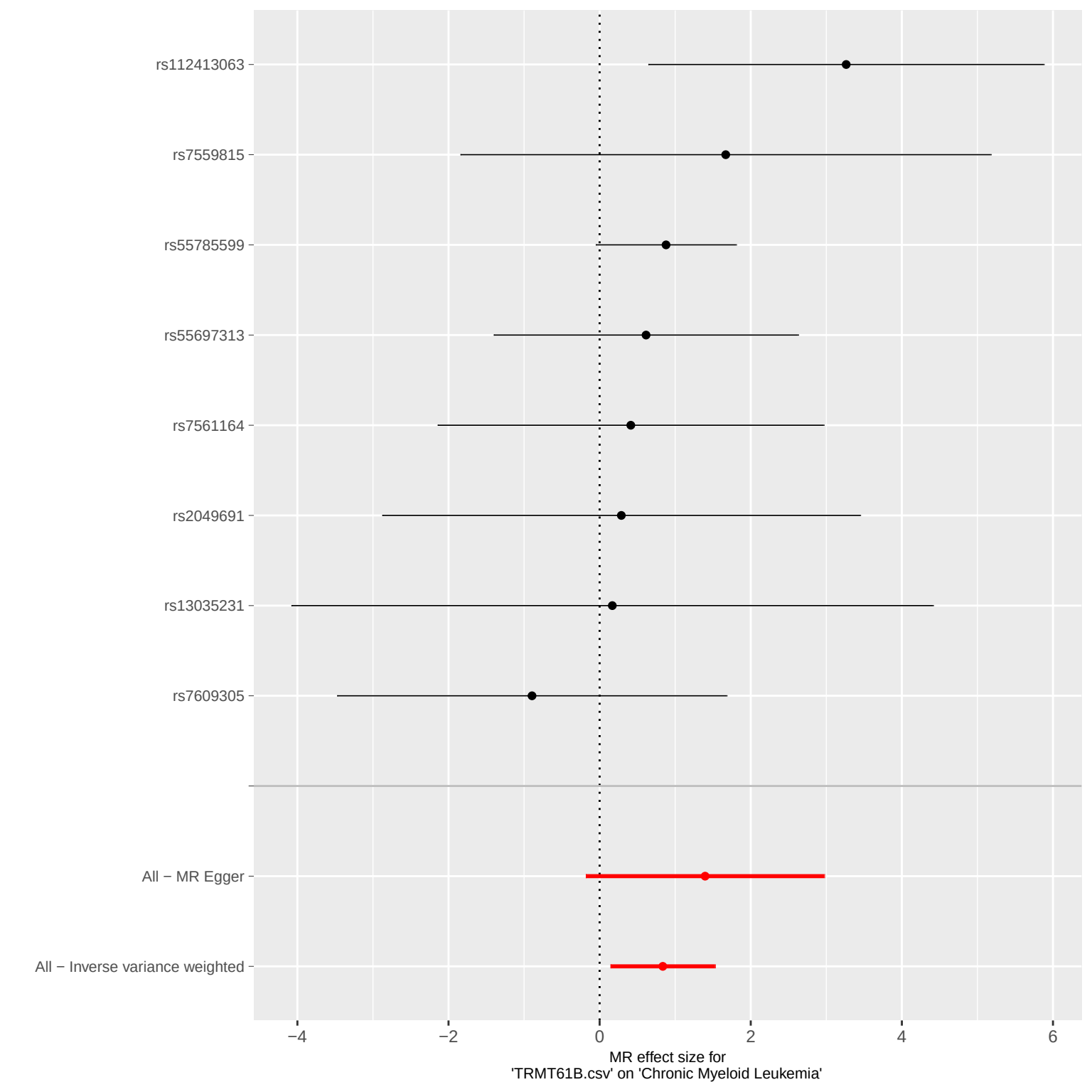
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRMT10B.csv' on 'Chronic Myeloid Leukemia'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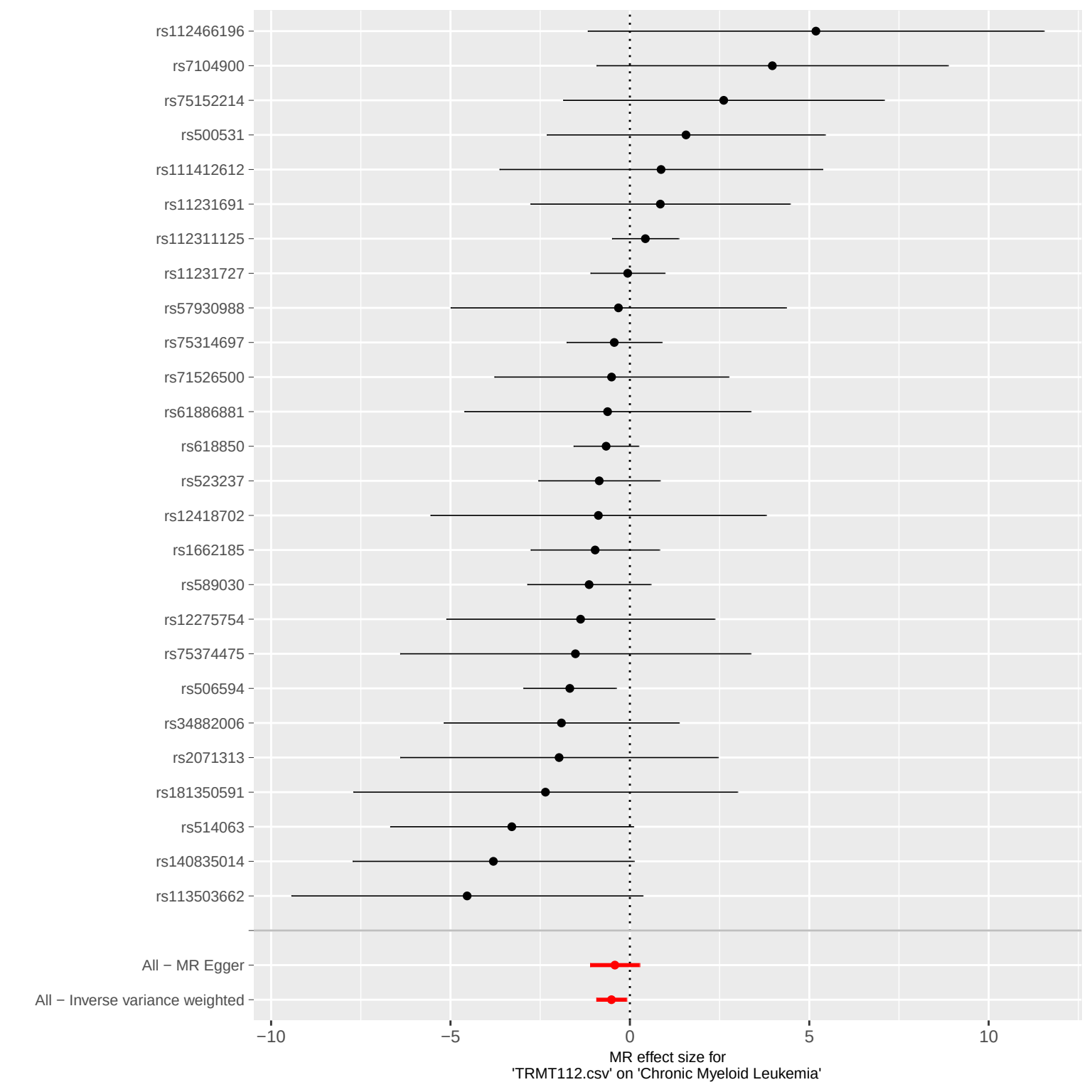
rs7561164
rs2049691
rs13035231
rs7609305
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'TRMT61B.csv' on 'Chronic Myeloid Leukemia'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rs618850
rs523237
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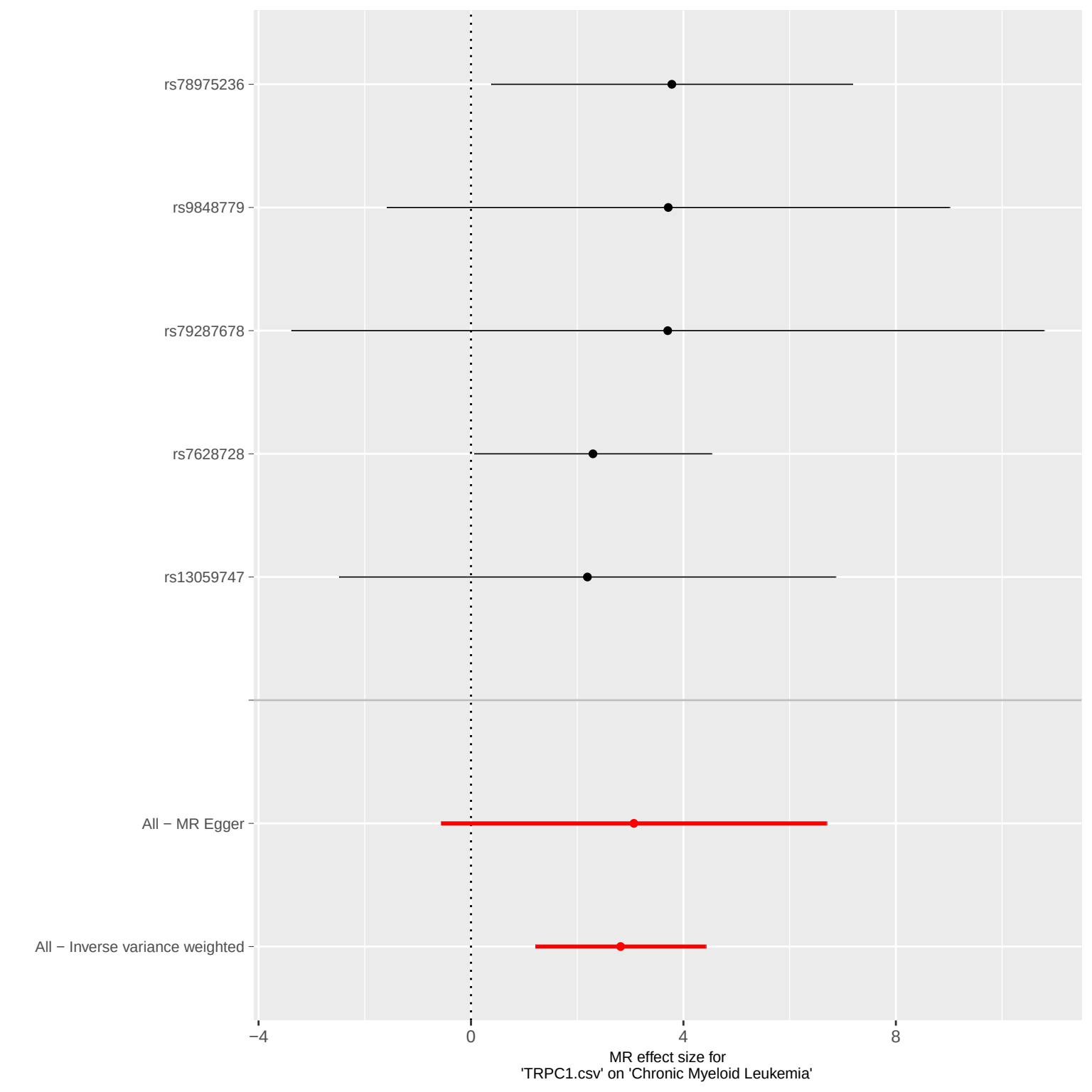
rs1662185
rs589030
rs12275754
rs75374475
rs506594
rs34882006
rs2071313
rs181350591
rs514063
rs140835014
rs113503662
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TRMT112.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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4
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MR effect size for
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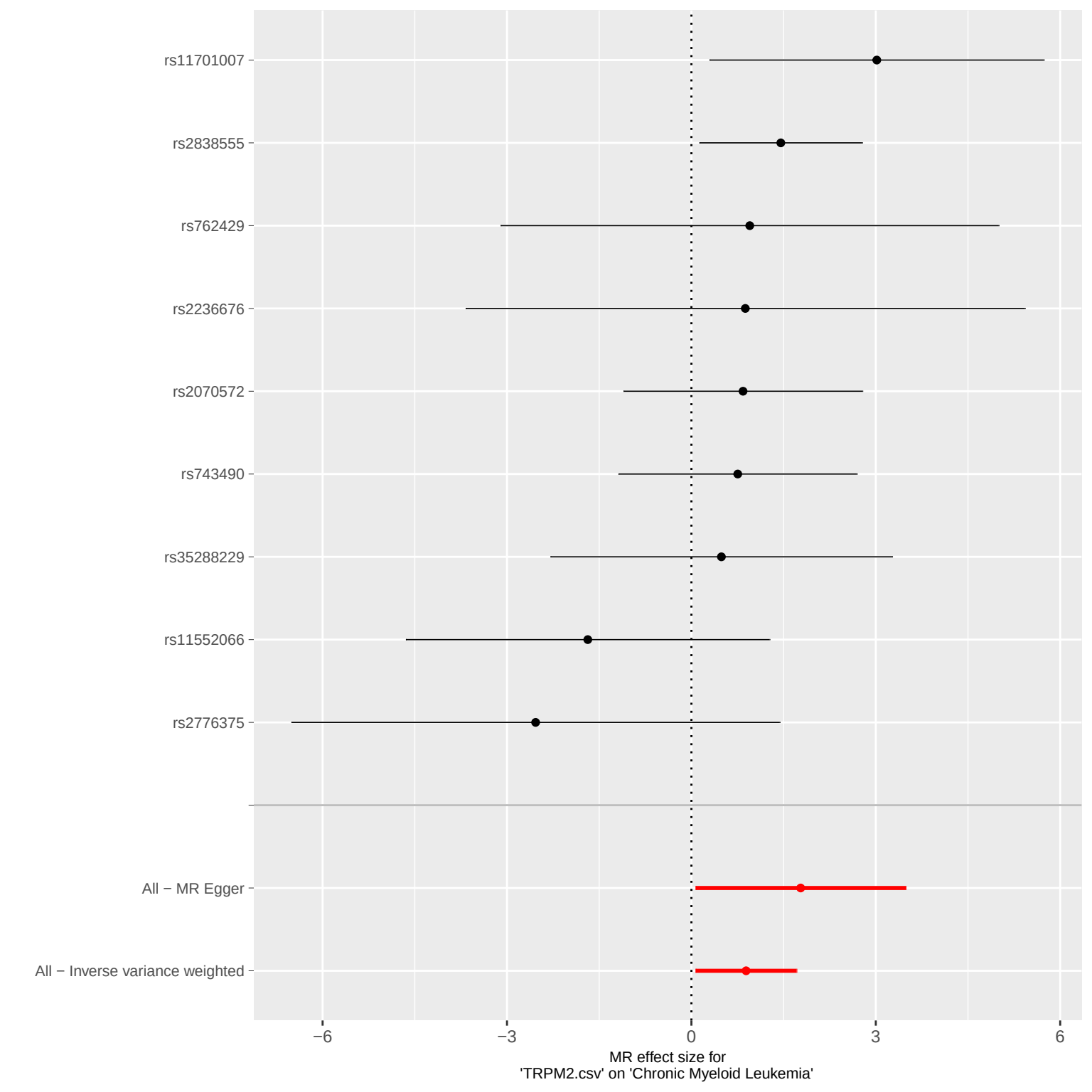
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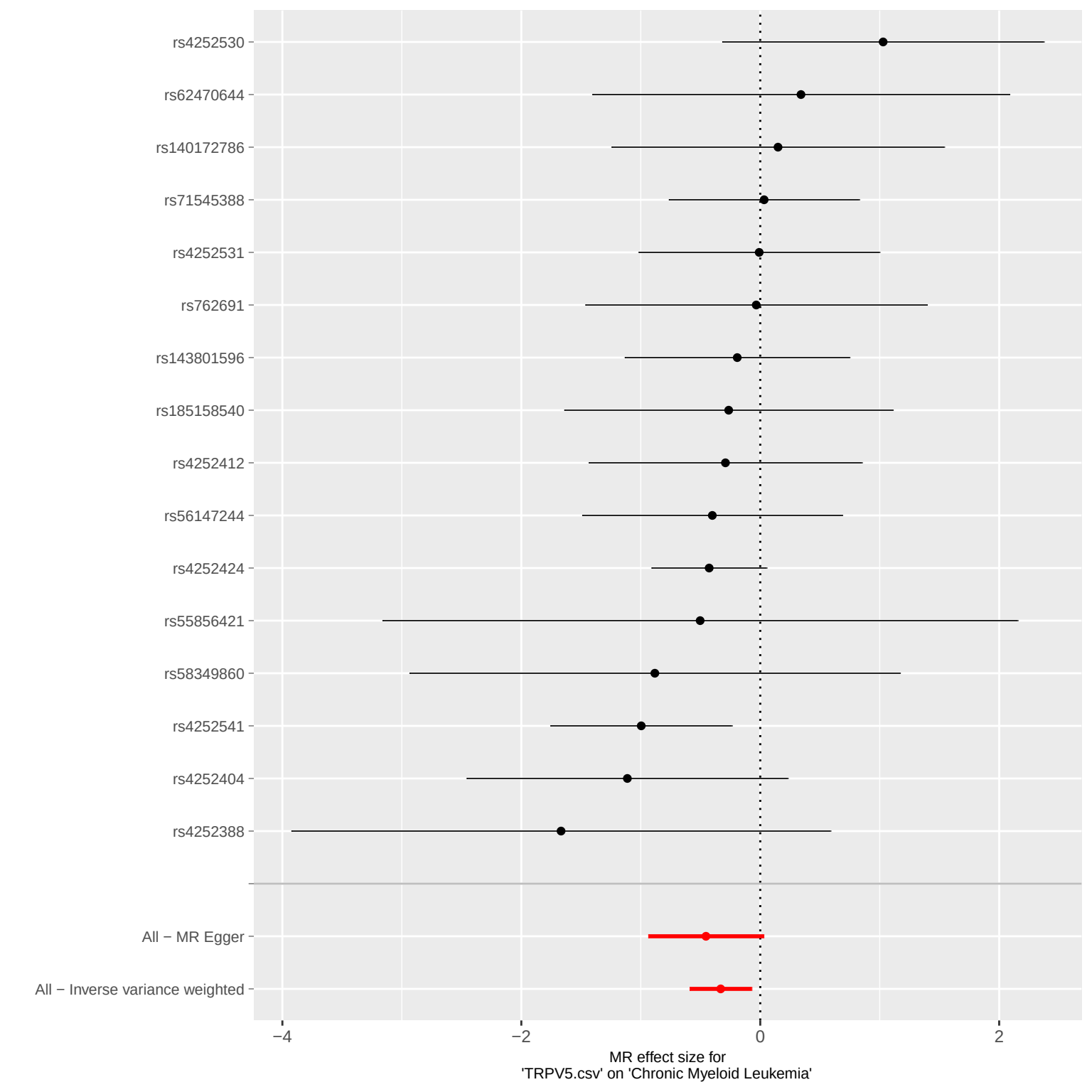
rs2838555
rs762429
rs2236676
rs2070572
rs743490
rs35288229
rs11552066
rs2776375
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TRPM2.csv' on 'Chronic Myeloid Leukemia'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rs55856421
rs58349860
rs4252541
rs4252404
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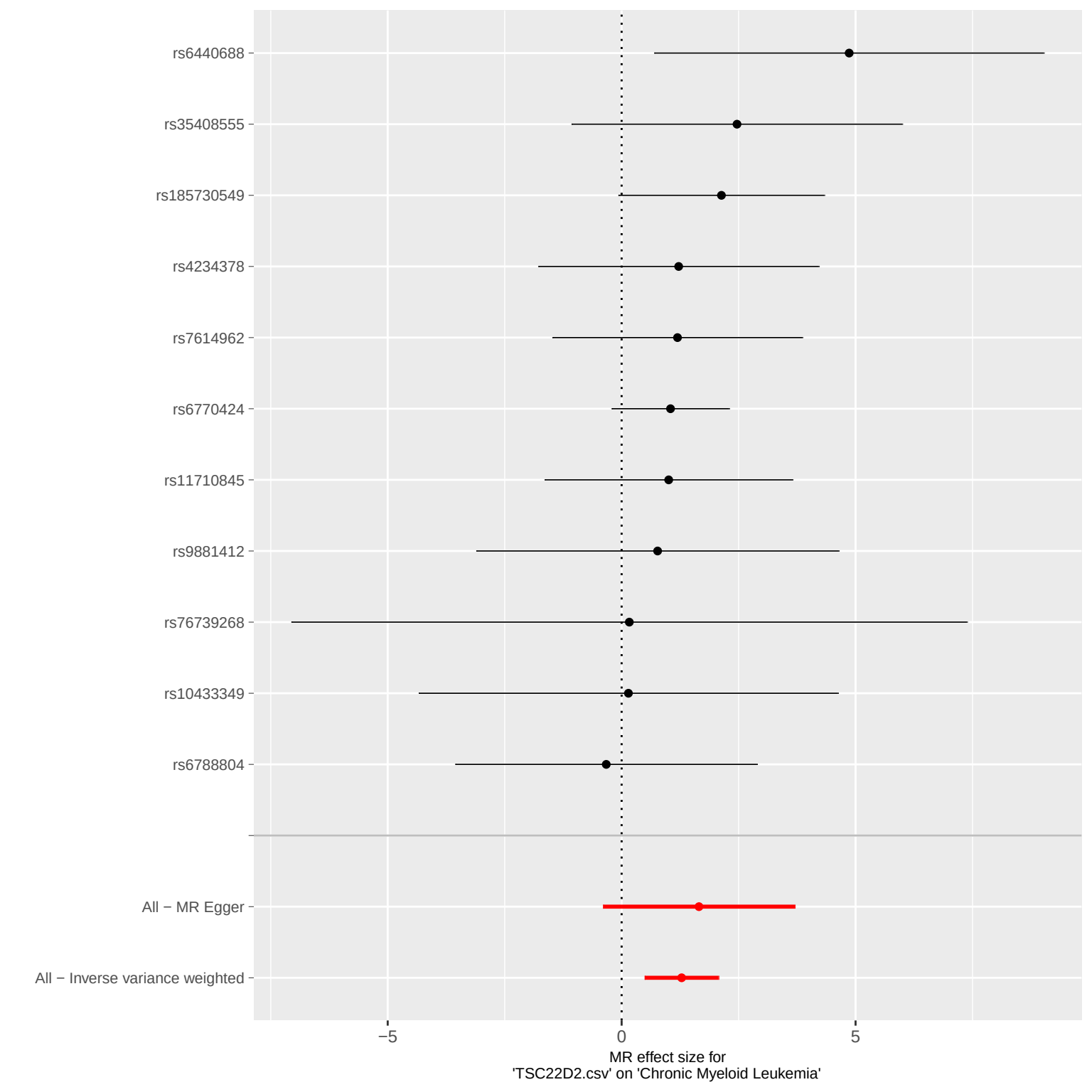
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TRPV5.csv' on 'Chronic Myeloid Leukemia'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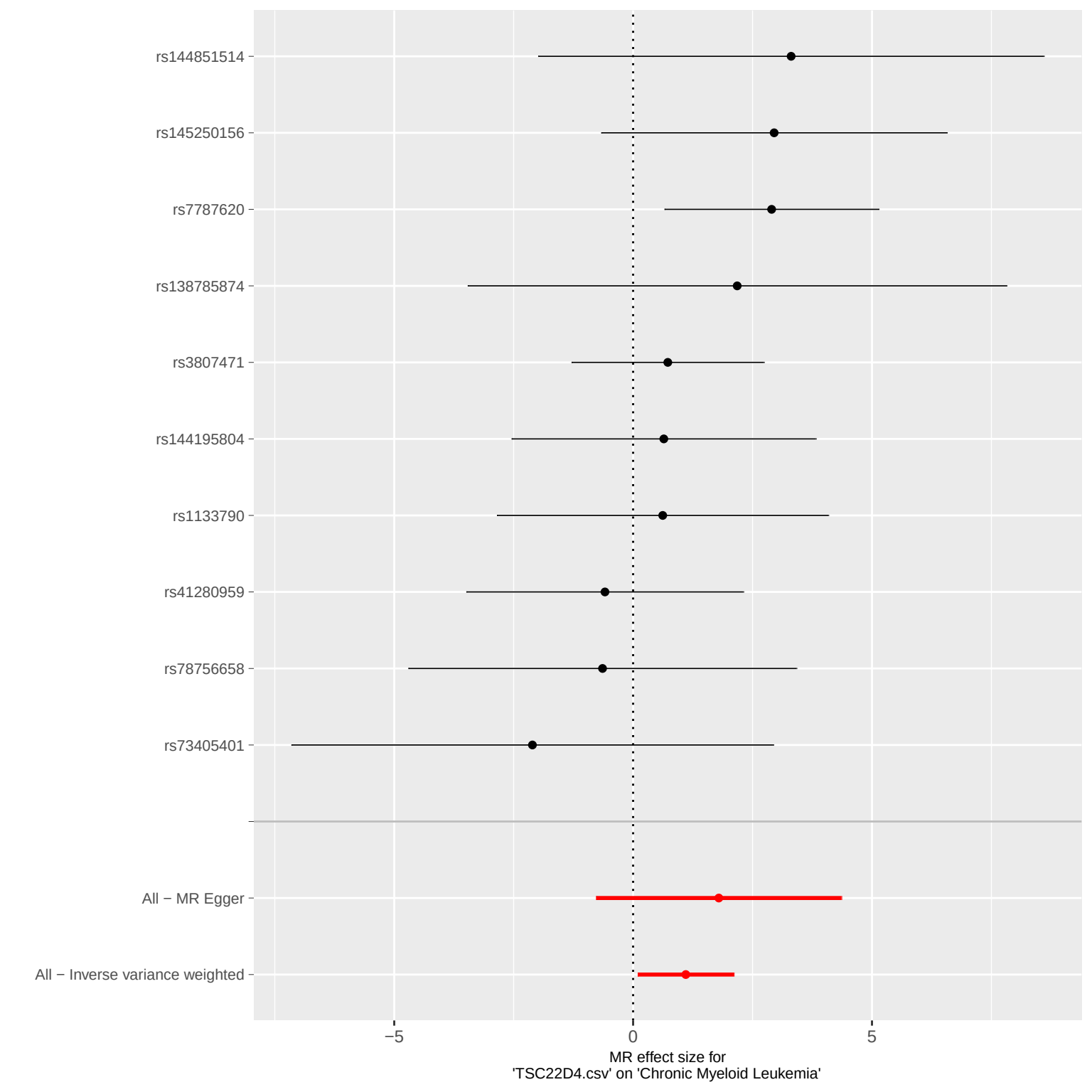
rs11710845
rs9881412
rs76739268
rs10433349
rs6788804
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TSC22D2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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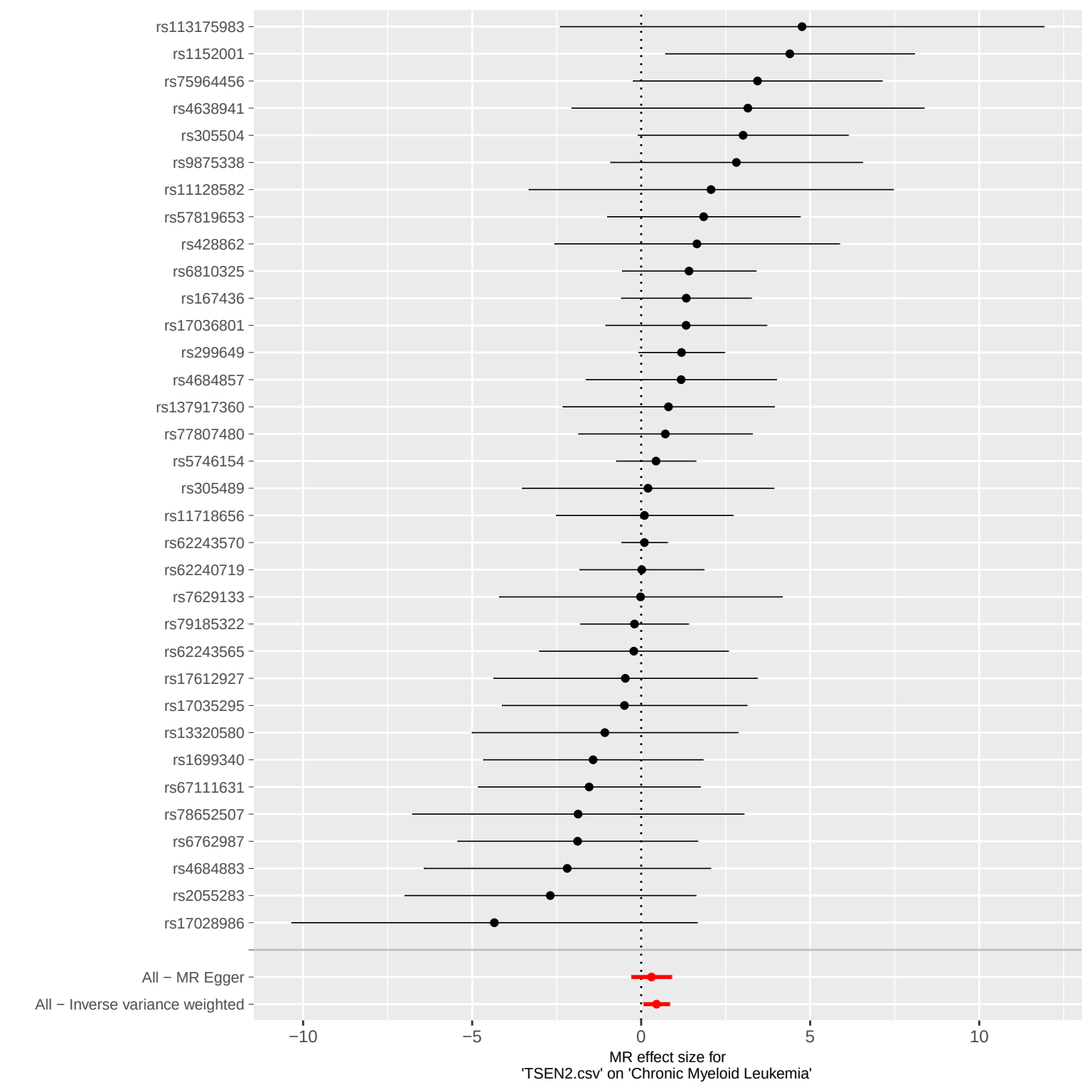
MR effect size for
'TSC22D4.csv' on 'Chronic Myeloid Leukemia'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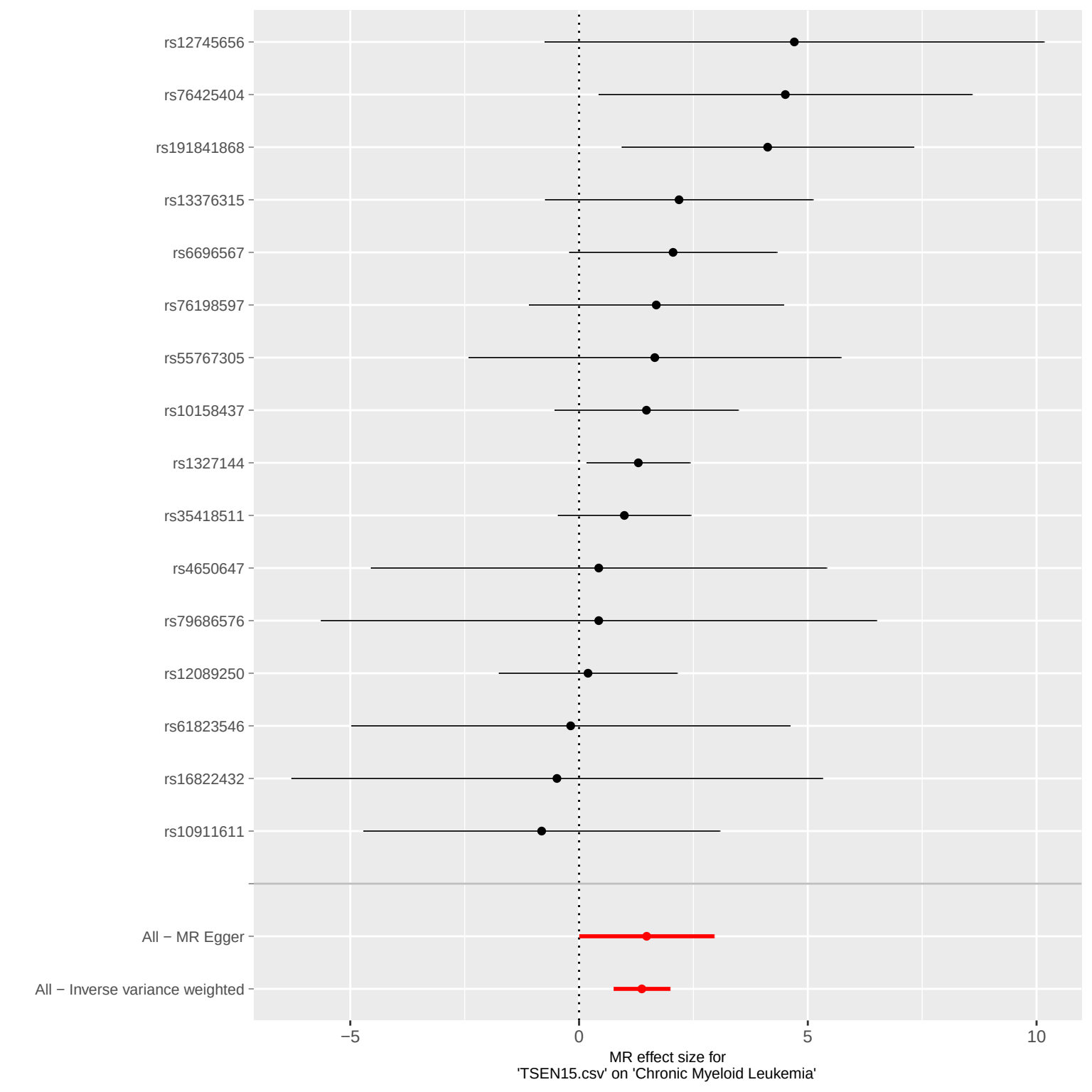
rs67111631
rs78652507
rs6762987
rs4684883
rs2055283
rs17028986
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TSEN2.csv' on 'Chronic Myeloid Leukemia'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rs55767305
rs10158437
rs1327144
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rs4650647
rs79686576
rs12089250
rs61823546
rs16822432
rs10911611
All − MR Egger
All − Inverse variance weighted
−5
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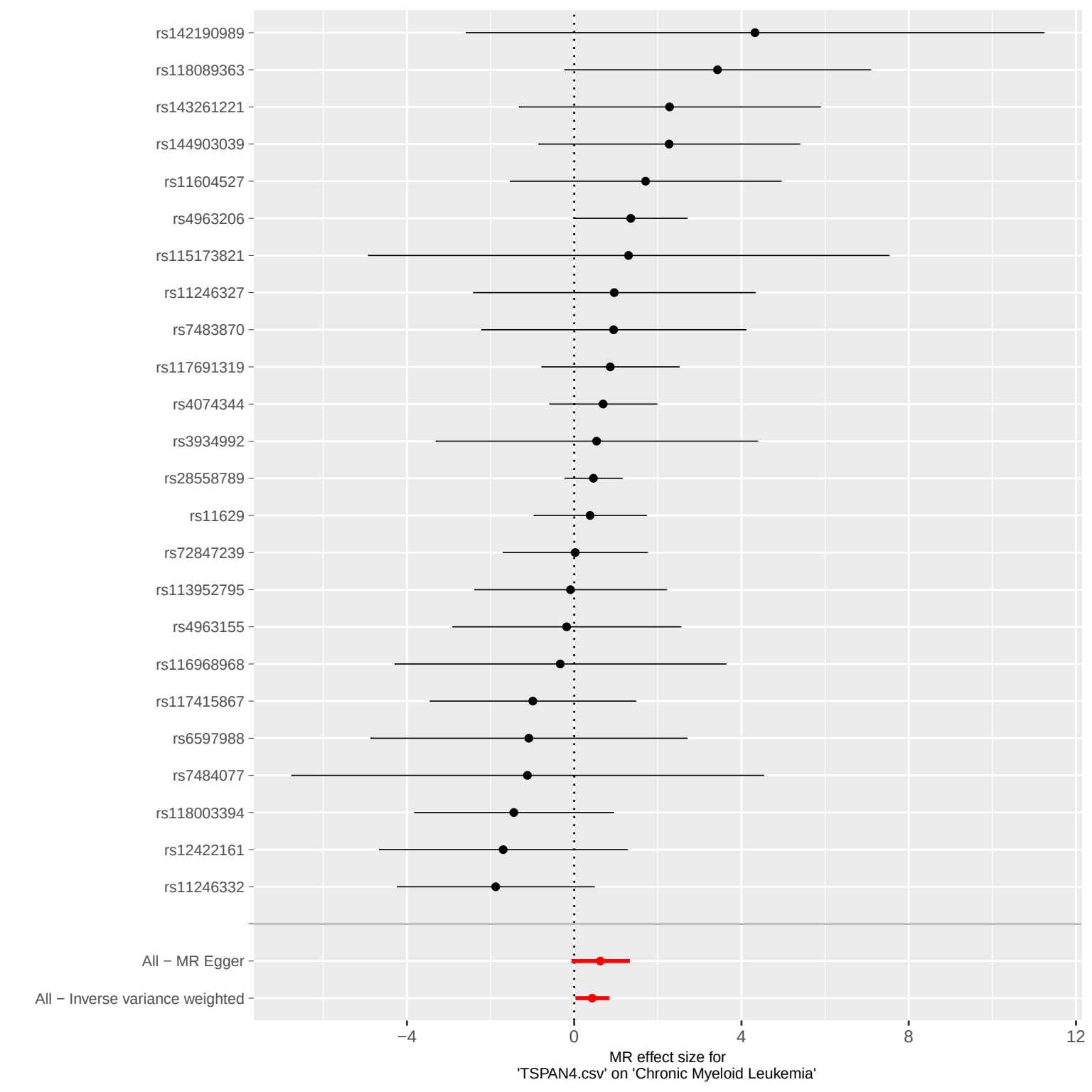
5
10
MR effect size for
'TSEN15.csv' on 'Chronic Myeloid Leukemia'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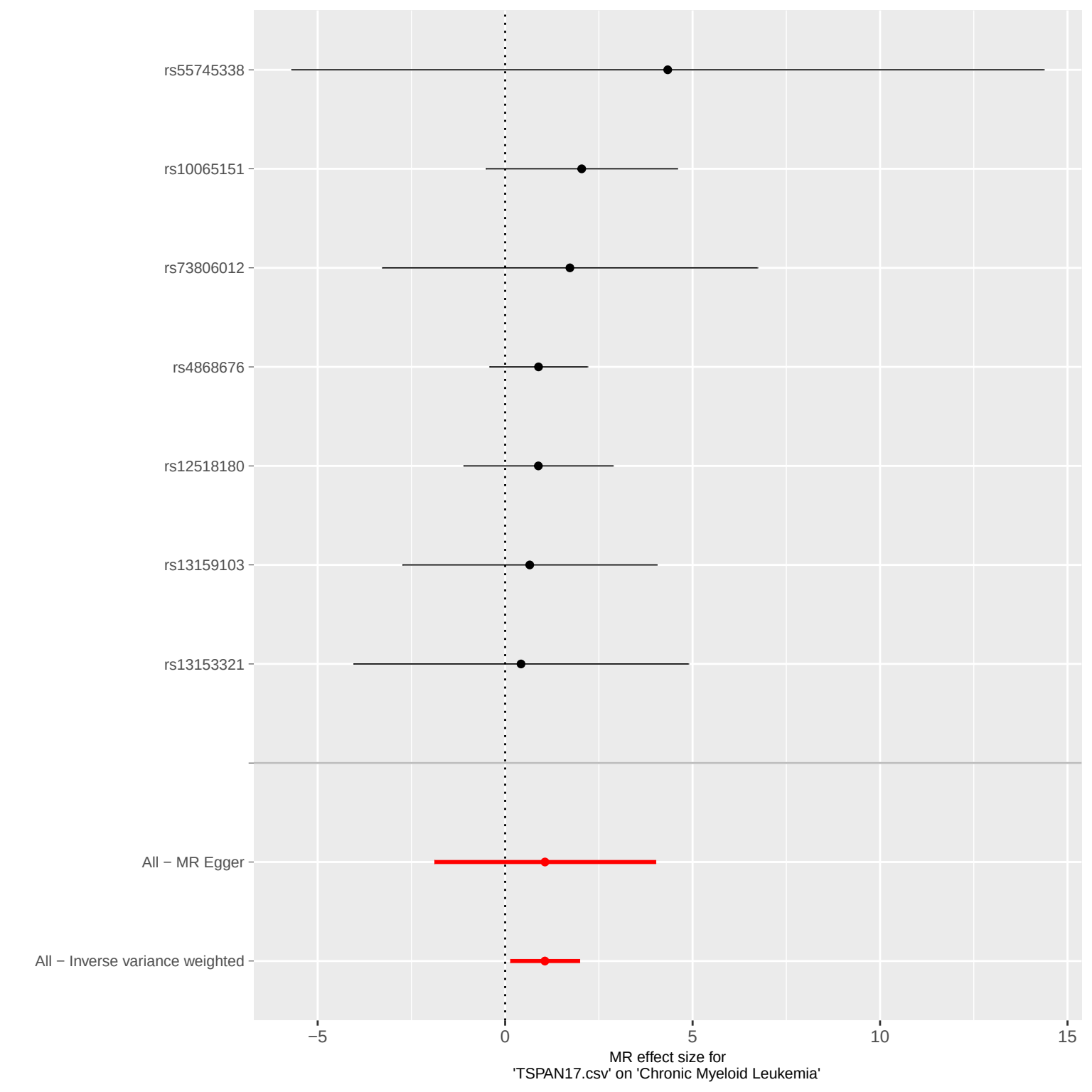
rs7484077
rs118003394
rs12422161
rs11246332
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
12
MR effect size for
'TSPAN4.csv' on 'Chronic Myeloid Leukemia'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rs4868676
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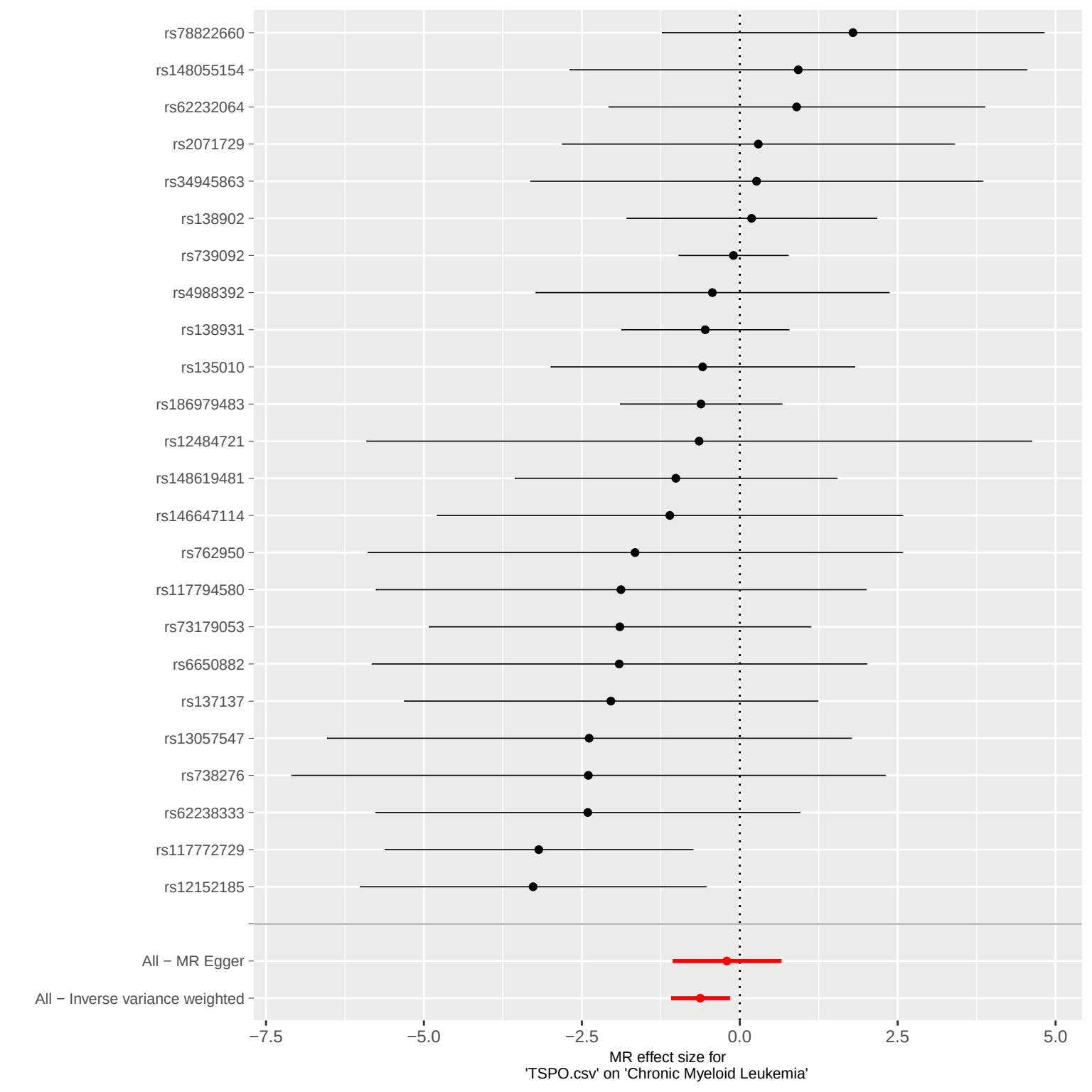
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'TSPAN17.csv' on 'Chronic Myeloid Leukemia'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rs117772729
rs12152185
All − MR Egger
All − Inverse variance weighted
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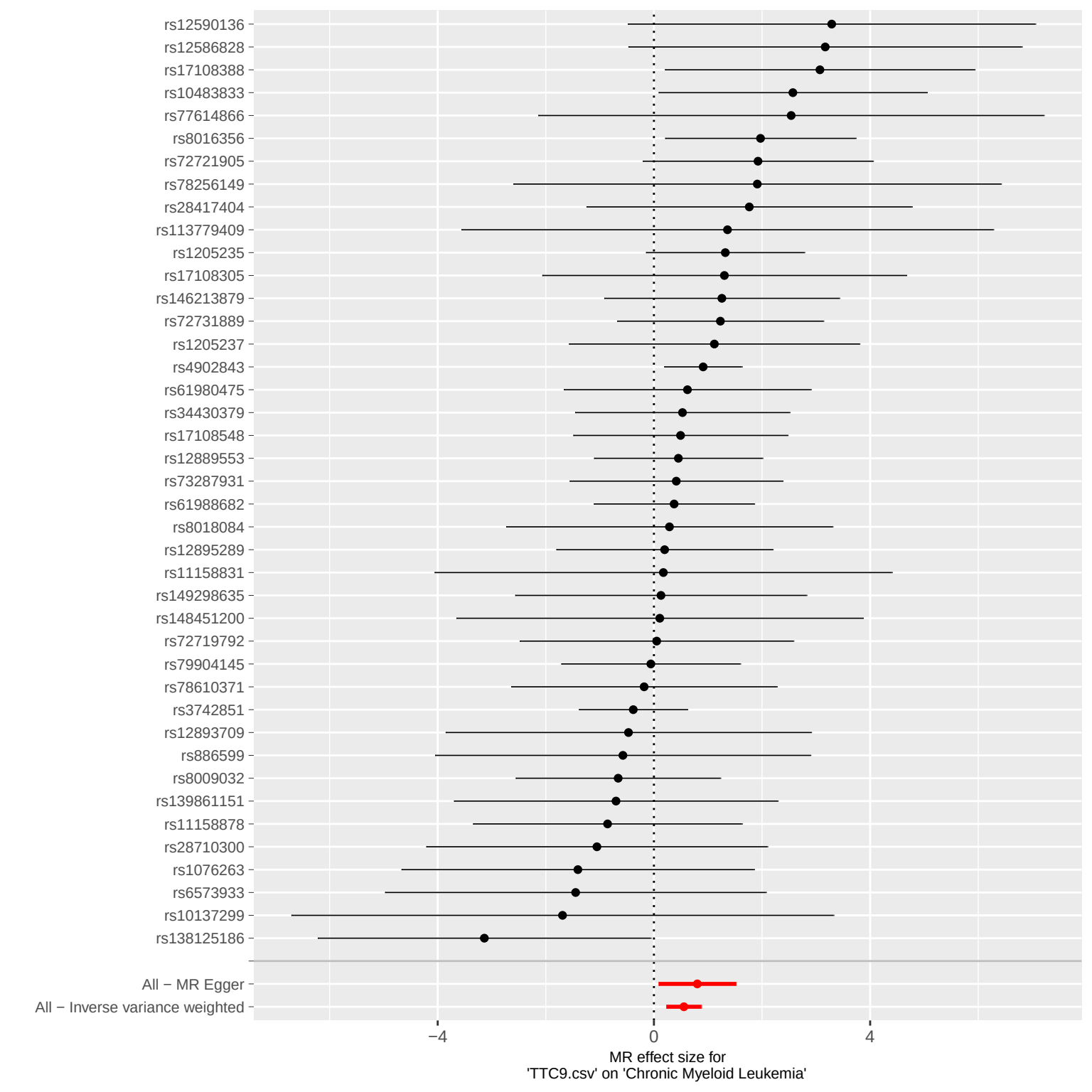
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TSPO.csv' on 'Chronic Myeloid Leukemia'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rs886599
rs8009032
rs139861151
rs11158878
rs28710300
rs1076263
rs6573933
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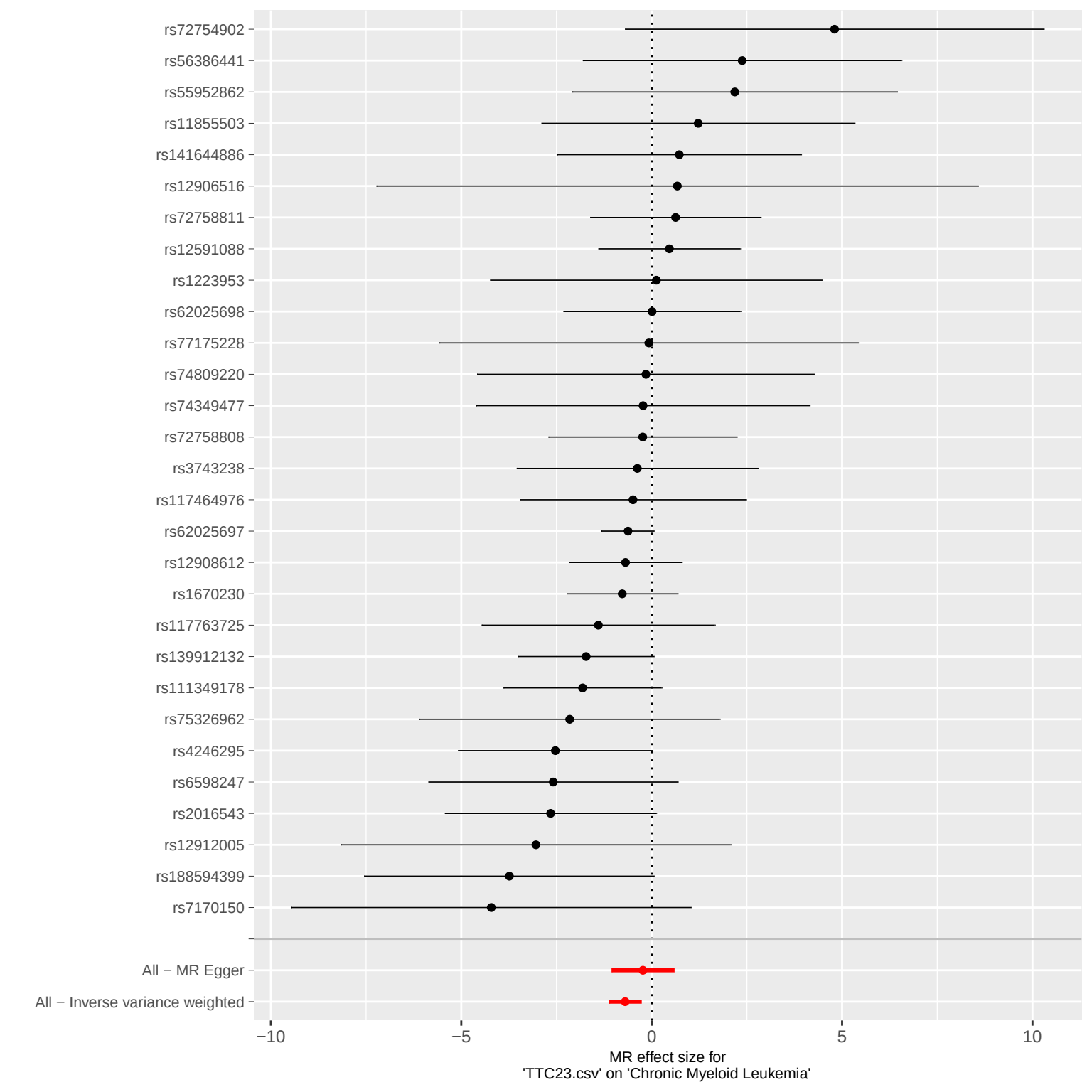
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TTC9.csv' on 'Chronic Myeloid Leukemia'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rs74809220
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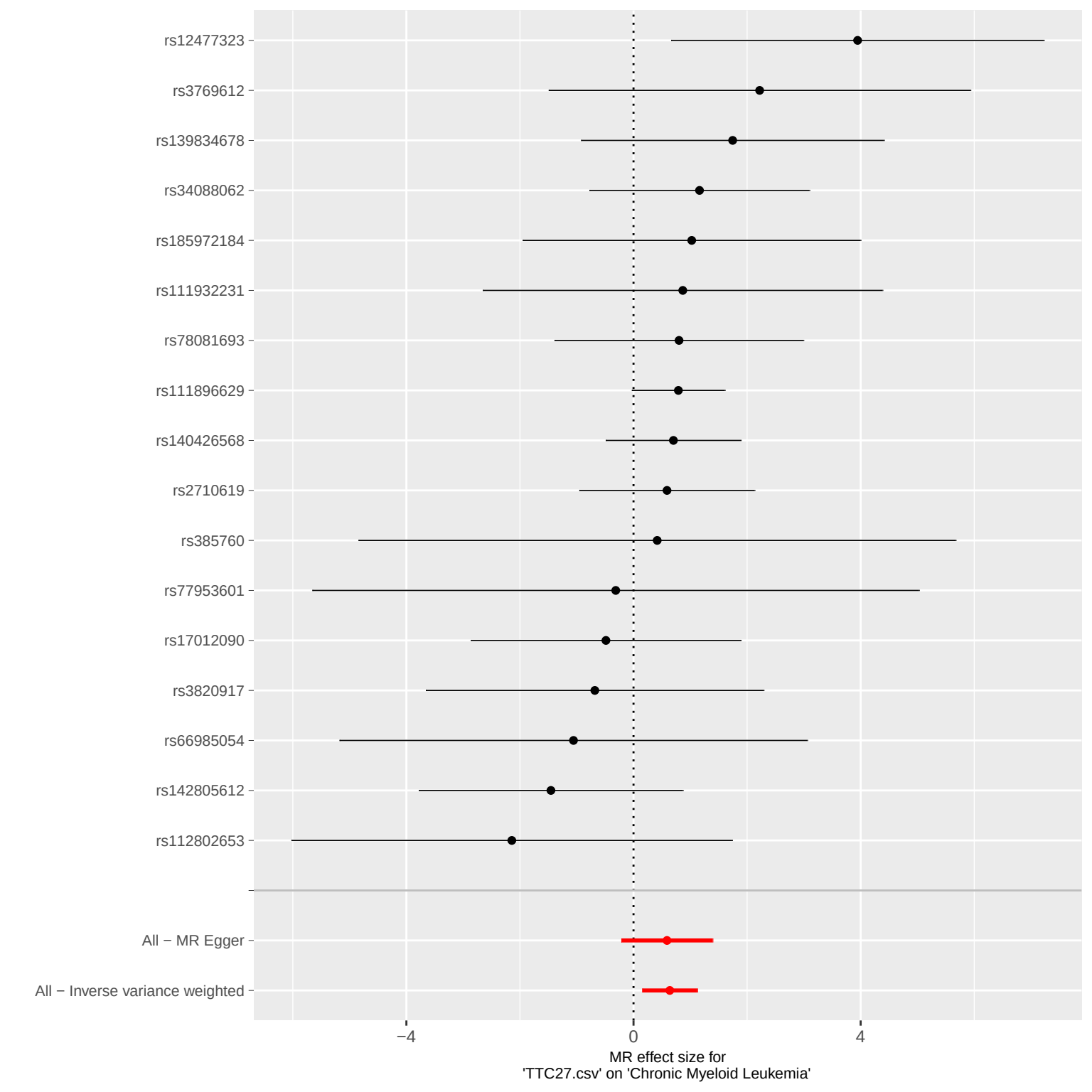
rs72758808
rs3743238
rs117464976
rs62025697
rs12908612
rs1670230
rs117763725
rs139912132
rs111349178
rs75326962
rs4246295
rs6598247
rs2016543
rs12912005
rs188594399
rs7170150
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TTC23.csv' on 'Chronic Myeloid Leukemia'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rs111932231
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rs111896629
rs140426568
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rs385760
rs77953601
rs17012090
rs3820917
rs66985054
rs142805612
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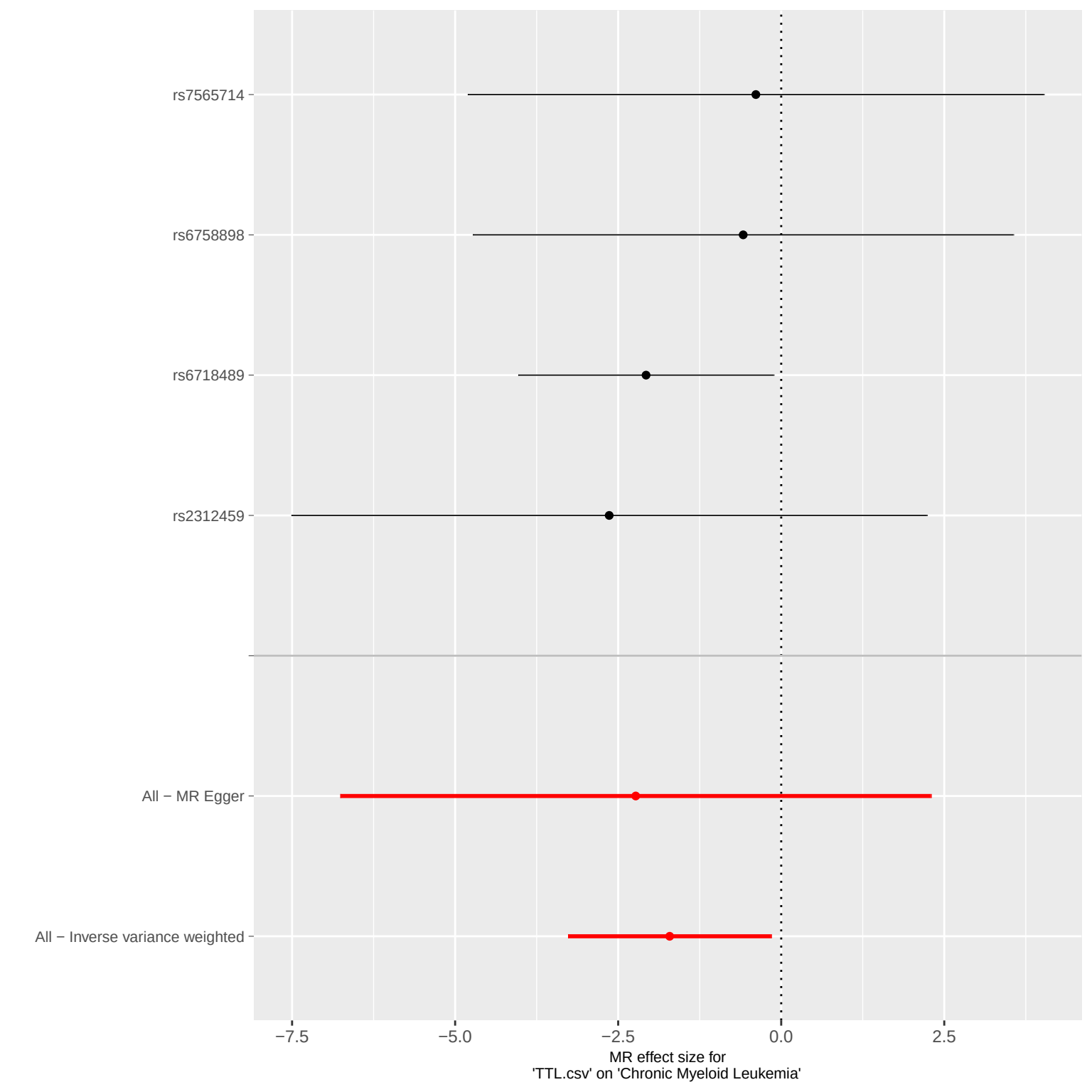
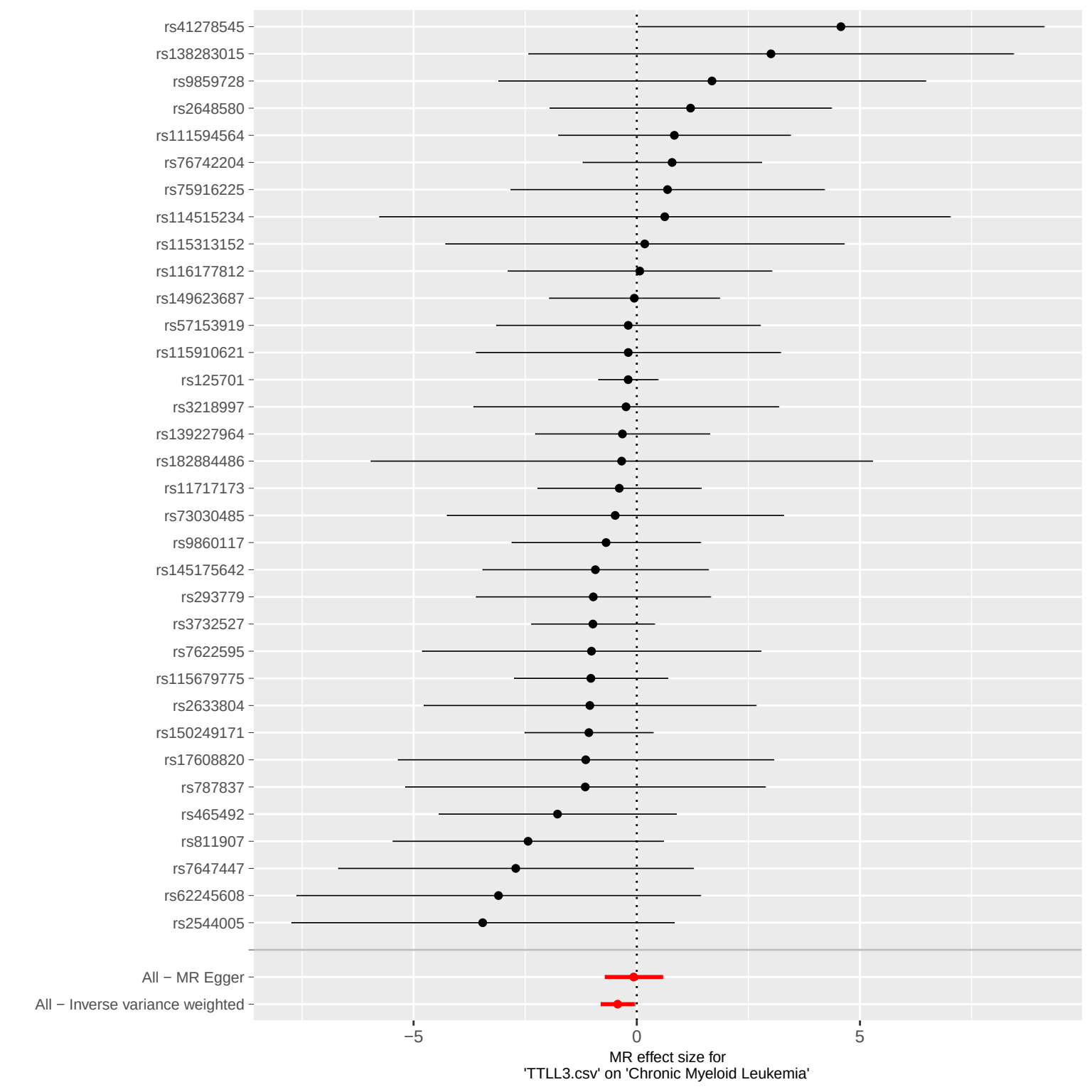
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TTC27.csv' on 'Chronic Myeloid Leukemia'


rs7565714
rs6758898
rs6718489
rs2312459
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'TTL.csv' on 'Chronic Myeloid Leukemia'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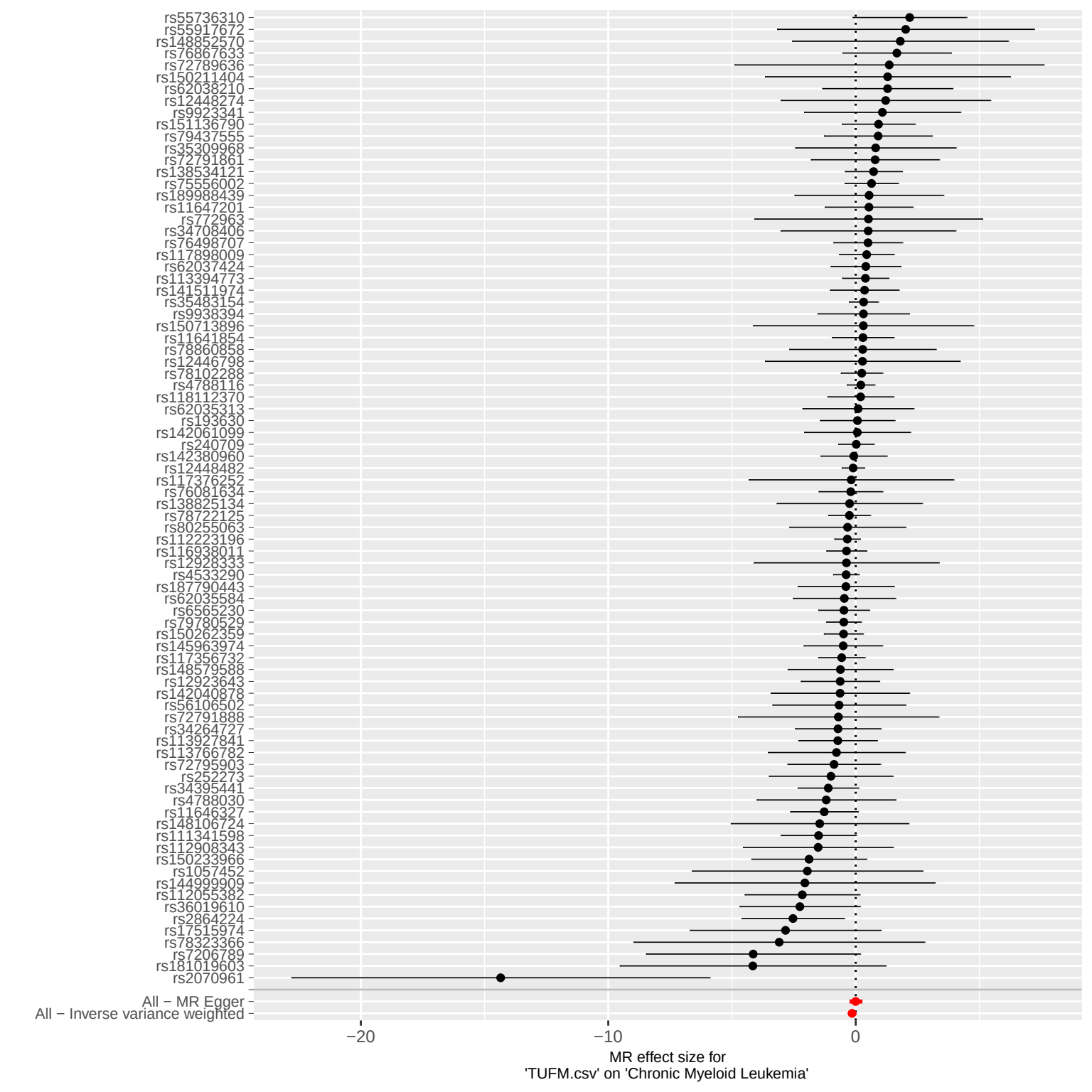
rs115679775
rs2633804
rs150249171
rs17608820
rs787837
rs465492
rs811907
rs7647447
rs62245608
rs2544005
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TTLL3.csv' on 'Chronic Myeloid Leukemia'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rs113394773
rs141511974
rs35483154
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rs138825134
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rs113927841
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rs112908343
rs150233966
rs1057452
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rs112055382
rs36019610
rs2864224
rs17515974
rs78323366
rs7206789
rs181019603
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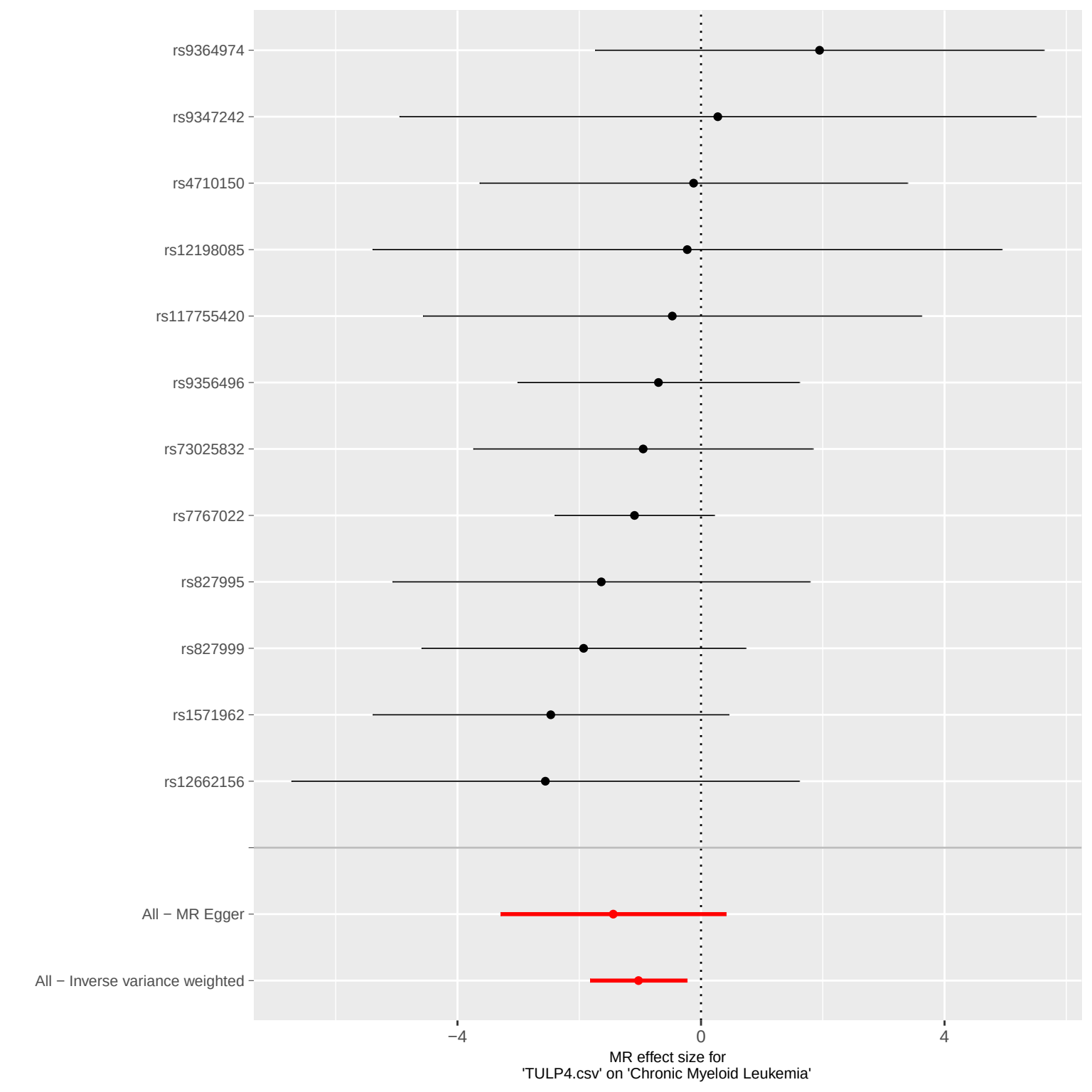
All − MR Egger
All − Inverse variance weighted
−20
−10
0
MR effect size for
'TUFM.csv' on 'Chronic Myeloid Leukemia'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rs9347242
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rs12198085
rs117755420
rs9356496
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rs7767022
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rs827999
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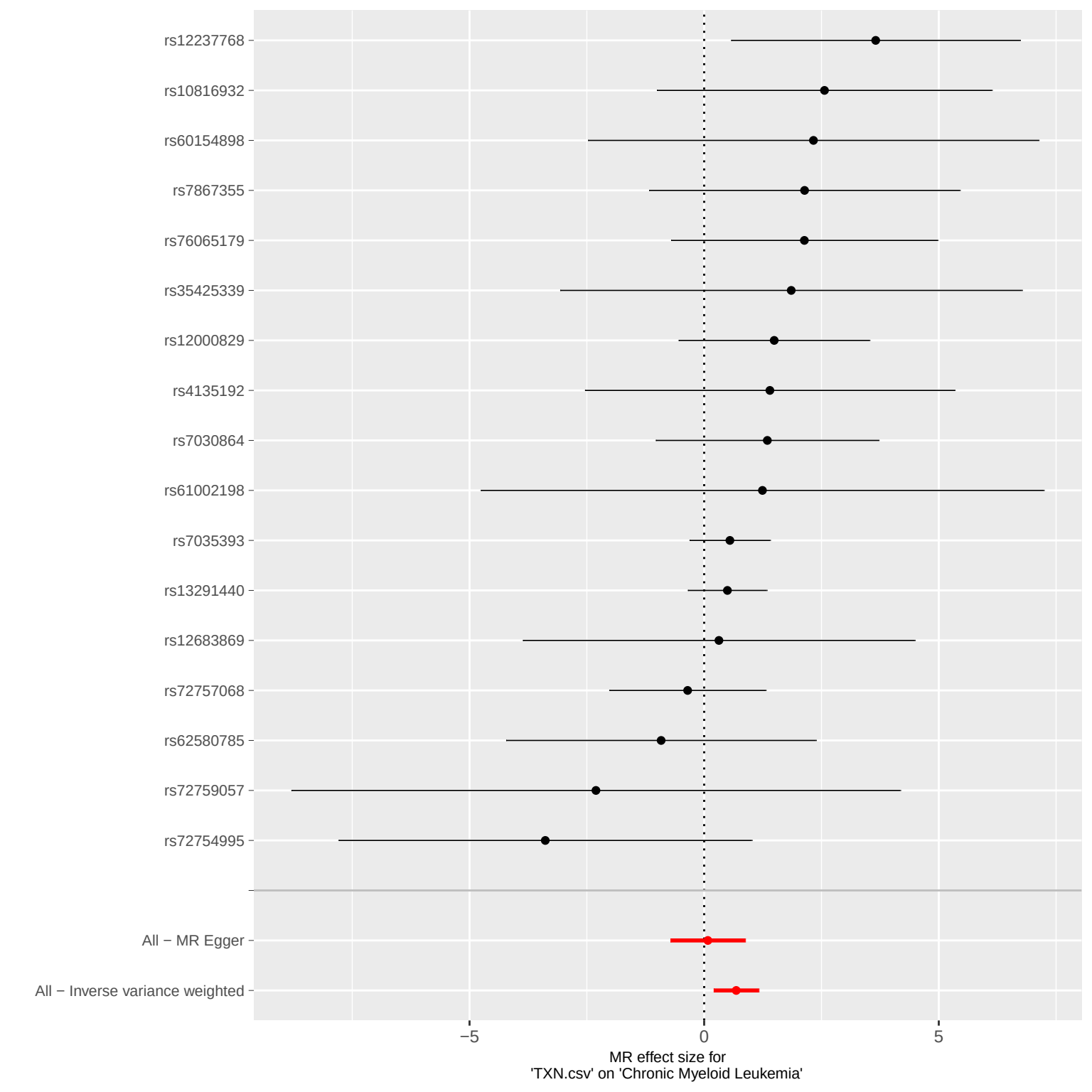
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TULP4.csv' on 'Chronic Myeloid Leukemia'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rs4135192
rs7030864
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rs7035393
rs13291440
rs12683869
rs72757068
rs62580785
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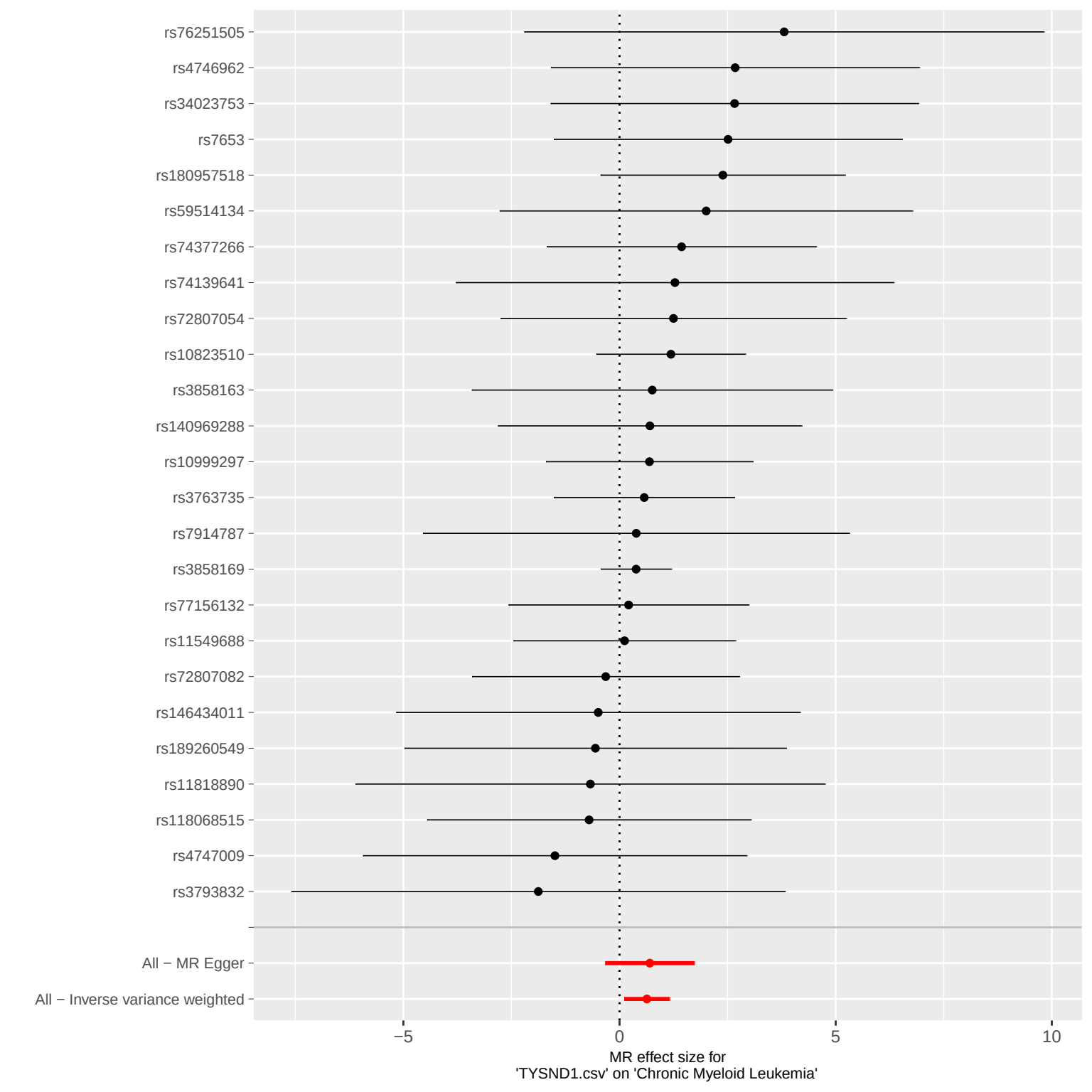
rs72754995
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TXN.csv' on 'Chronic Myeloid Leukemia'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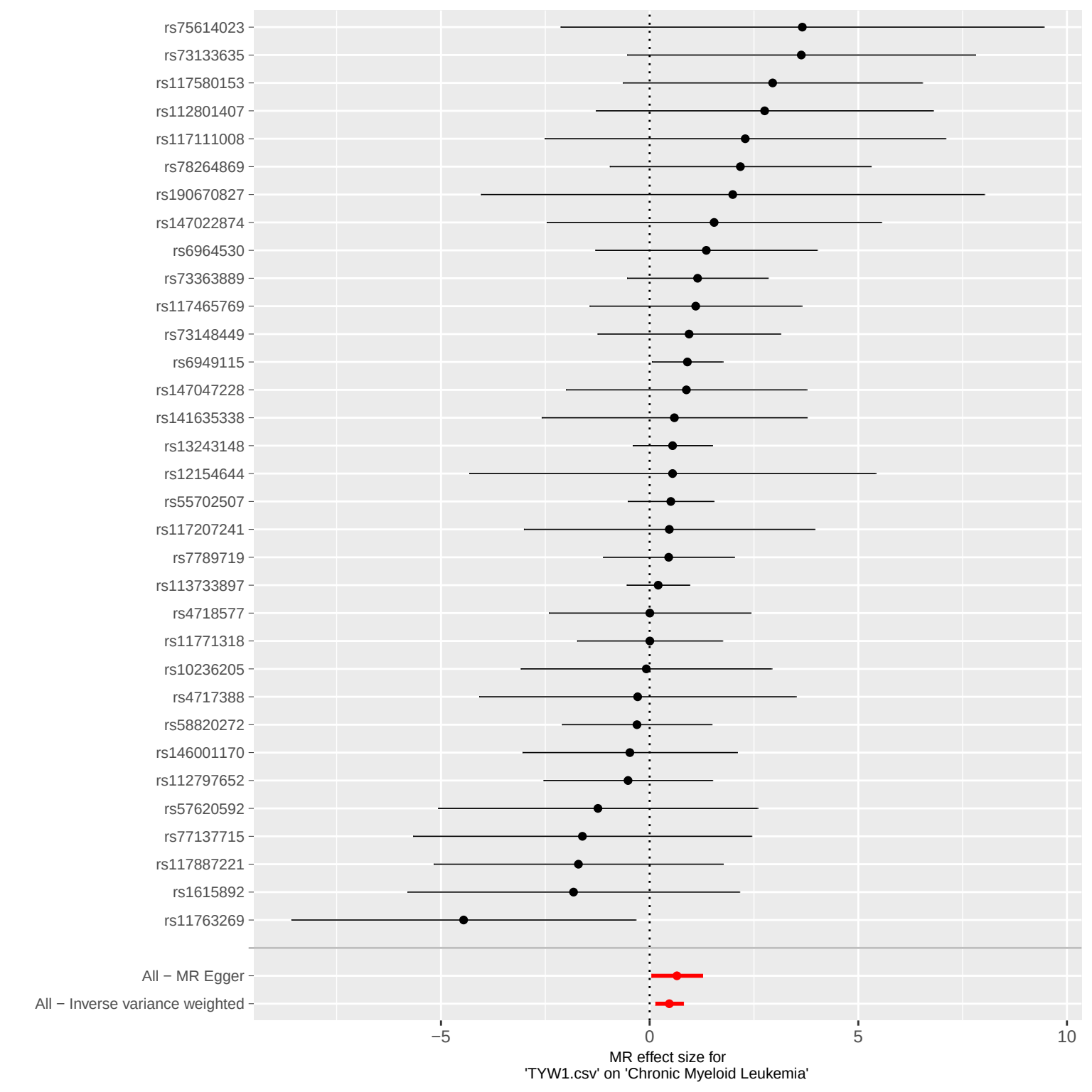
rs3858169
rs77156132
rs11549688
rs72807082
rs146434011
rs189260549
rs11818890
rs118068515
rs4747009
rs3793832
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TYSND1.csv' on 'Chronic Myeloid Leukemia'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rs6949115
rs147047228
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rs4718577
rs11771318
rs10236205
rs4717388
rs58820272
rs146001170
rs112797652
rs57620592
rs77137715
rs117887221
rs1615892
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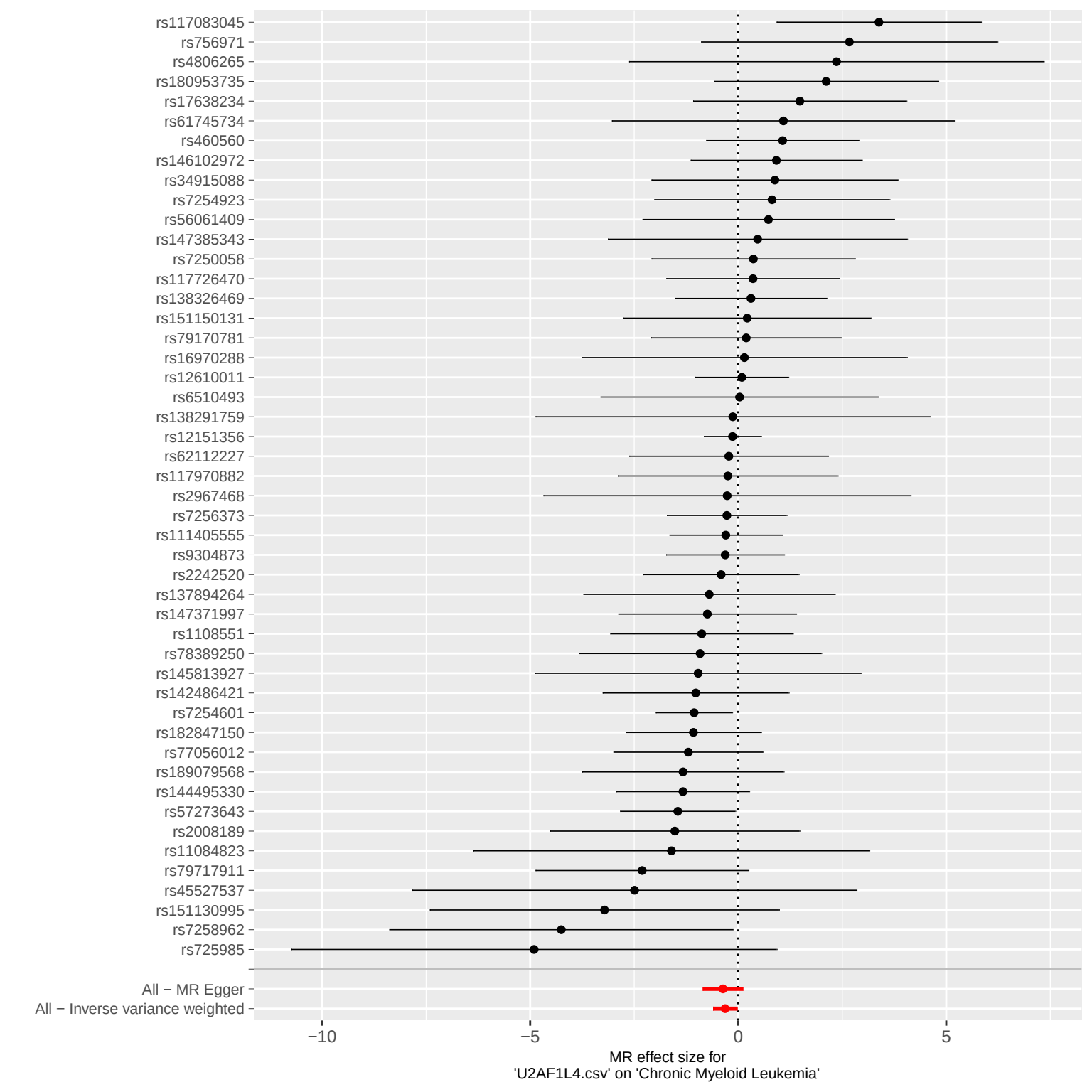
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TYW1.csv' on 'Chronic Myeloid Leukemia'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rs7256373
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rs147371997
rs1108551
rs78389250
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rs142486421
rs7254601
rs182847150
rs77056012
rs189079568
rs144495330
rs57273643
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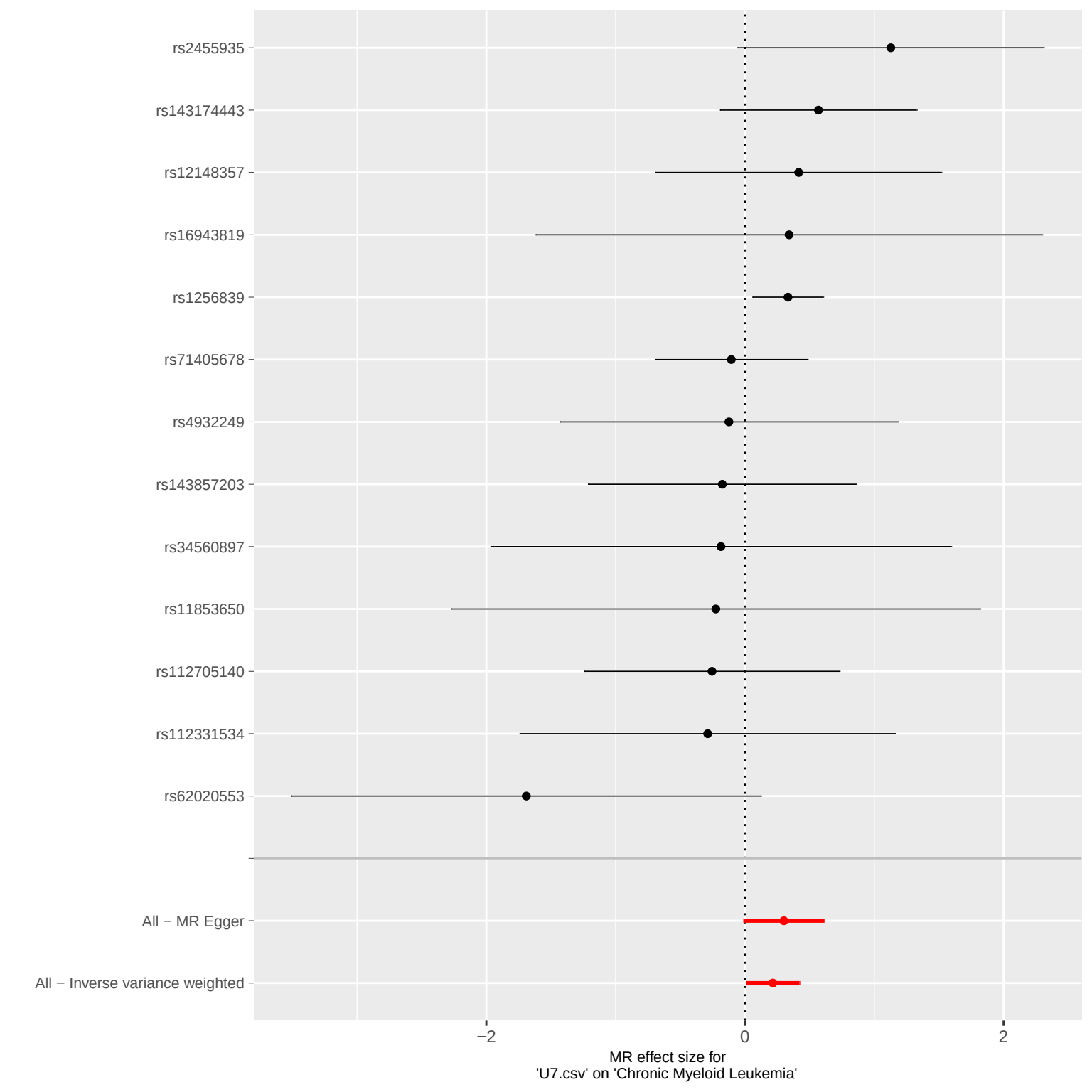
rs11084823
rs79717911
rs45527537
rs151130995
rs7258962
rs725985
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'U2AF1L4.csv' on 'Chronic Myeloid Leukemia'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rs16943819
rs1256839
rs71405678
rs4932249
rs143857203
rs34560897
rs11853650
rs112705140
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rs62020553
All − MR Egger
All − Inverse variance weighted
−2
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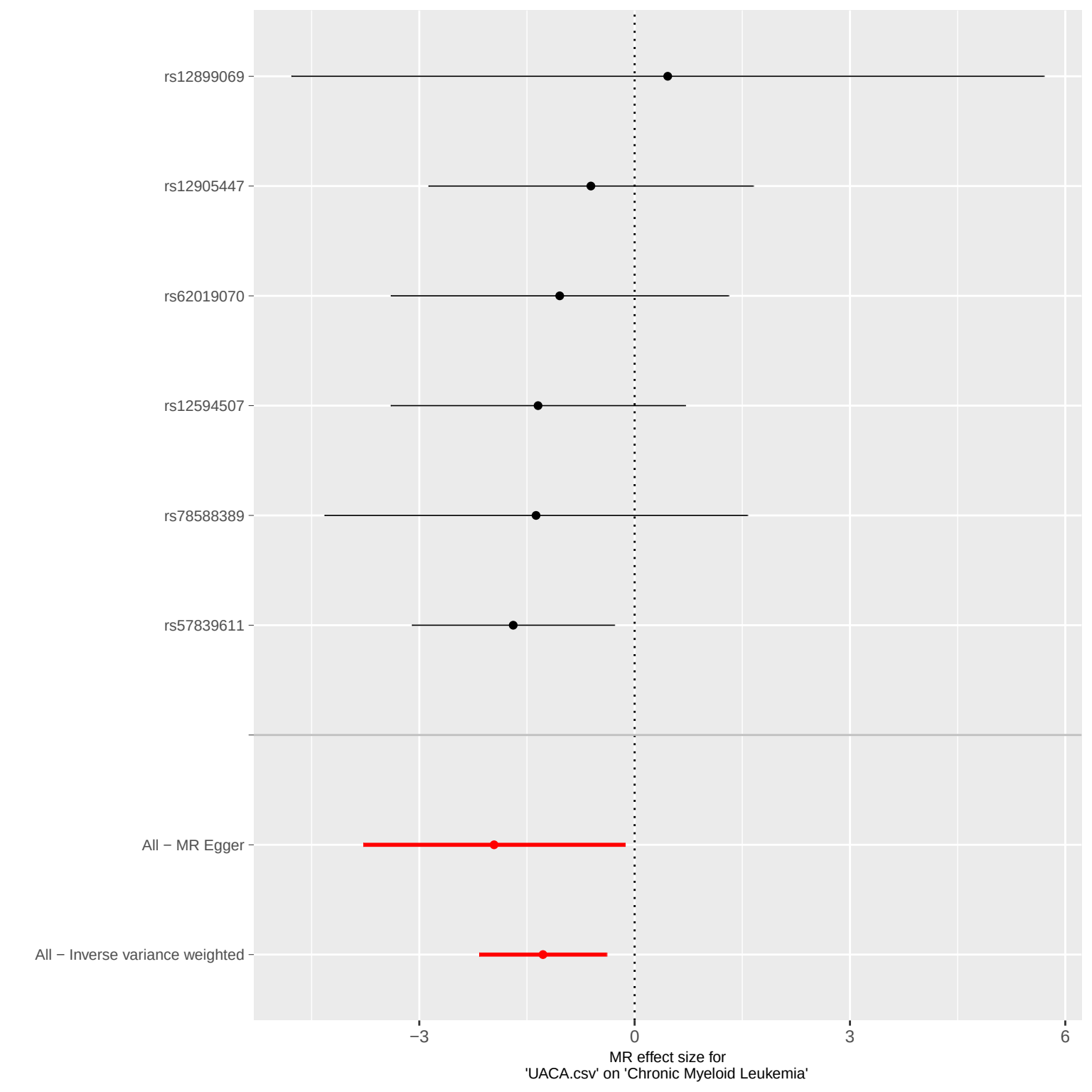
2
MR effect size for
'U7.csv' on 'Chronic Myeloid Leukemia'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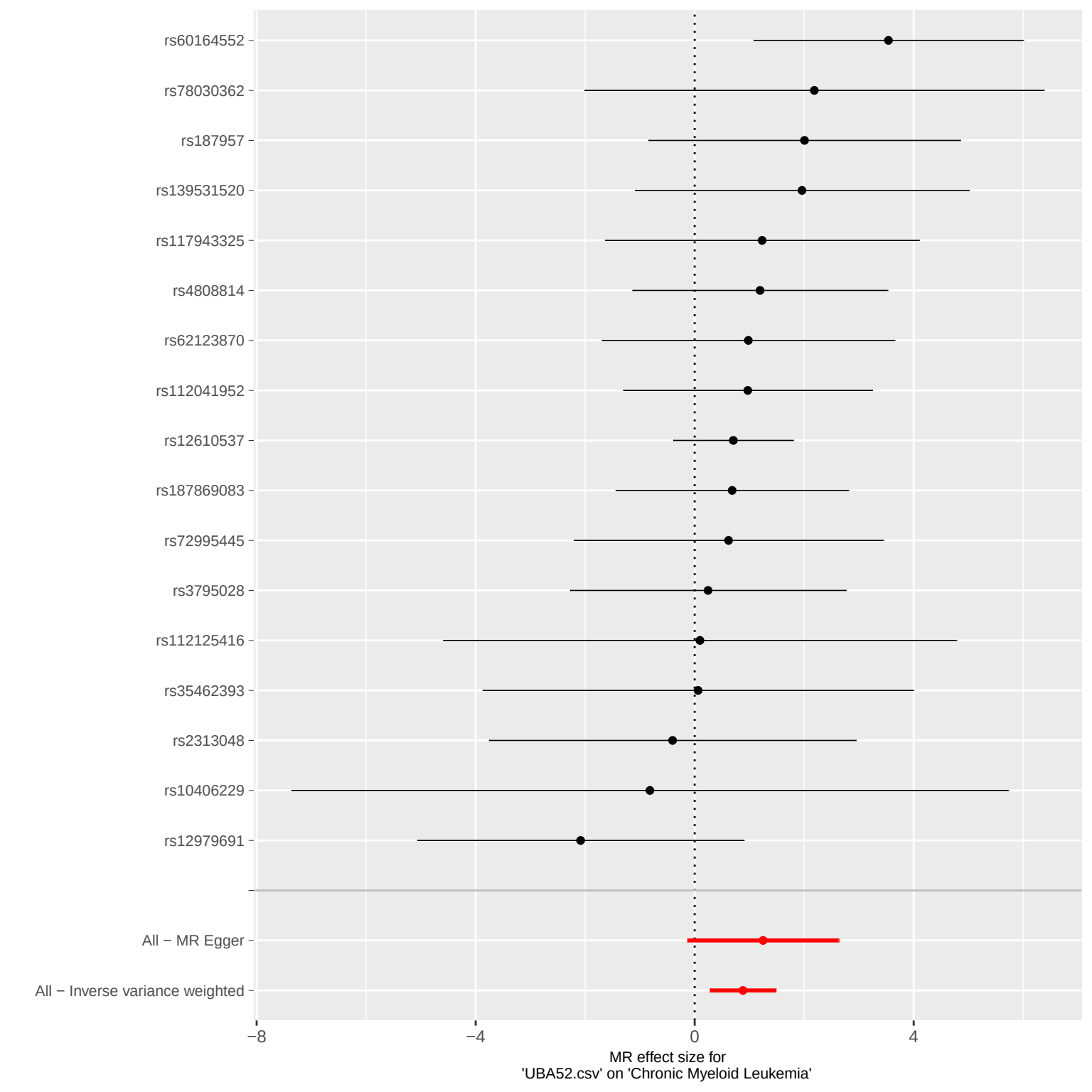
rs12905447
rs62019070
rs12594507
rs78588389
rs57839611
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'UACA.csv' on 'Chronic Myeloid Leukemia'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rs112041952
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rs3795028
rs112125416
rs35462393
rs2313048
rs10406229
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All − Inverse variance weighted
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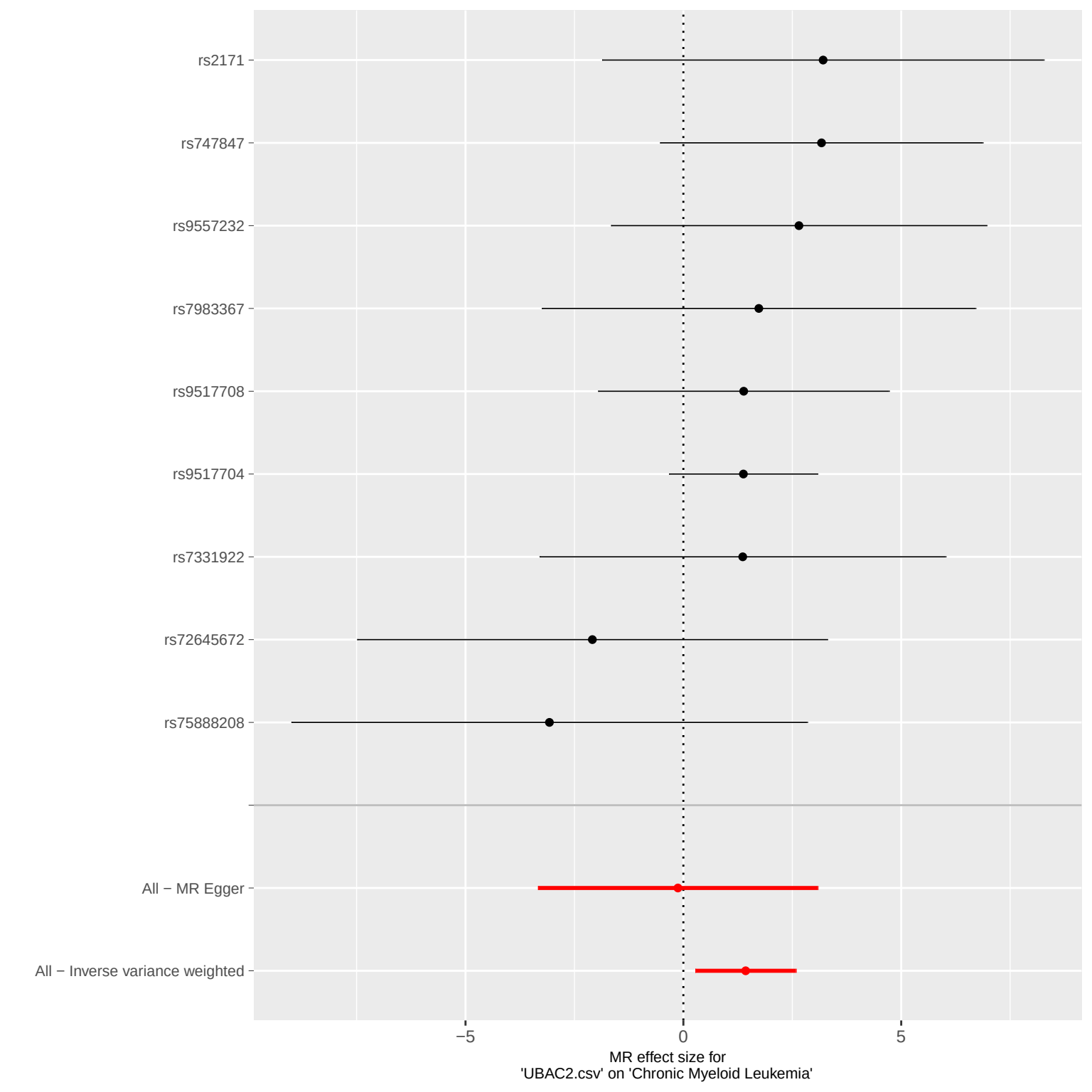
MR effect size for
'UBA52.csv' on 'Chronic Myeloid Leukemia'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rs9517704
rs7331922
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All − MR Egger
All − Inverse variance weighted
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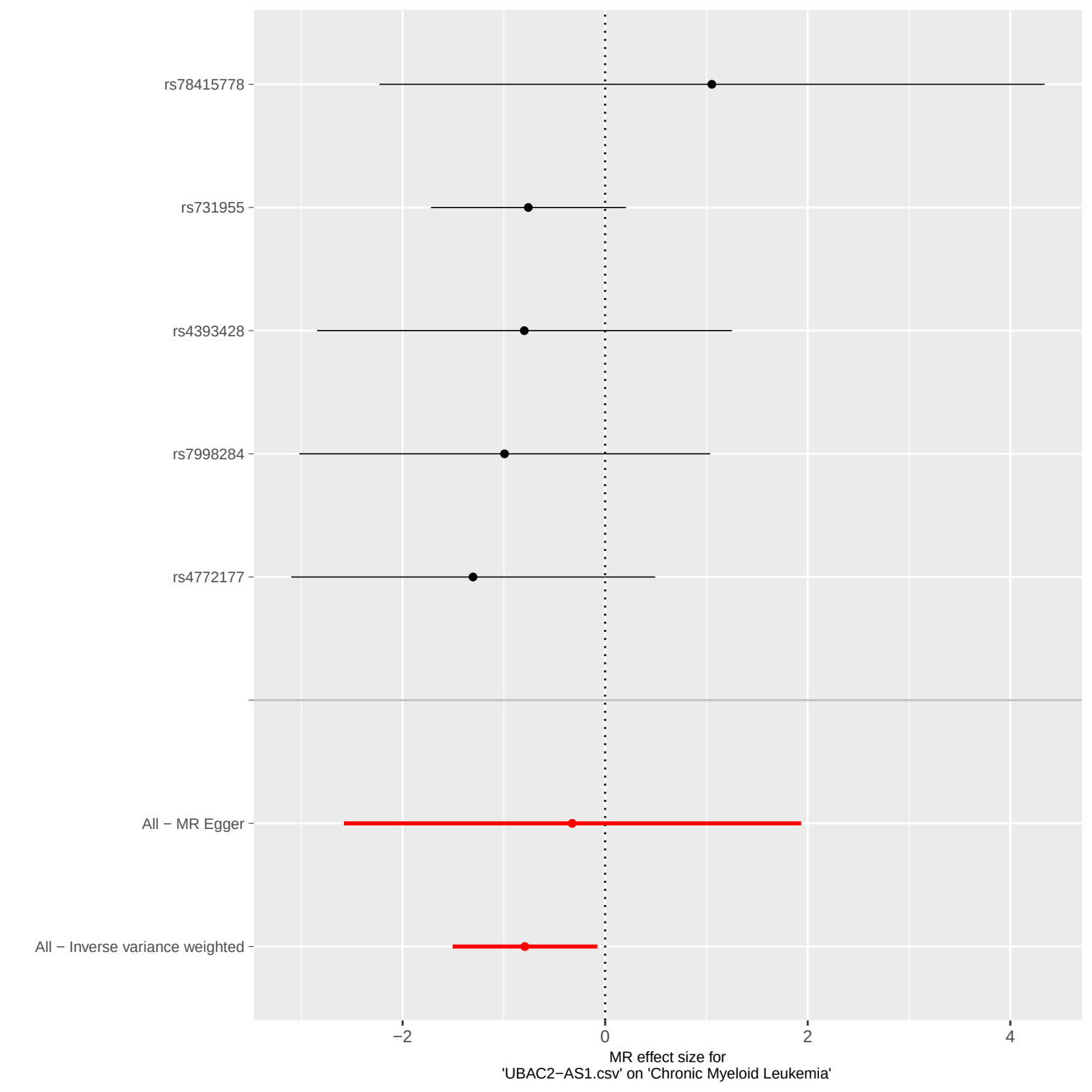
MR effect size for
'UBAC2.csv' on 'Chronic Myeloid Leukemia'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rs731955
rs4393428
rs7998284
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All − MR Egger
All − Inverse variance weighted
−2
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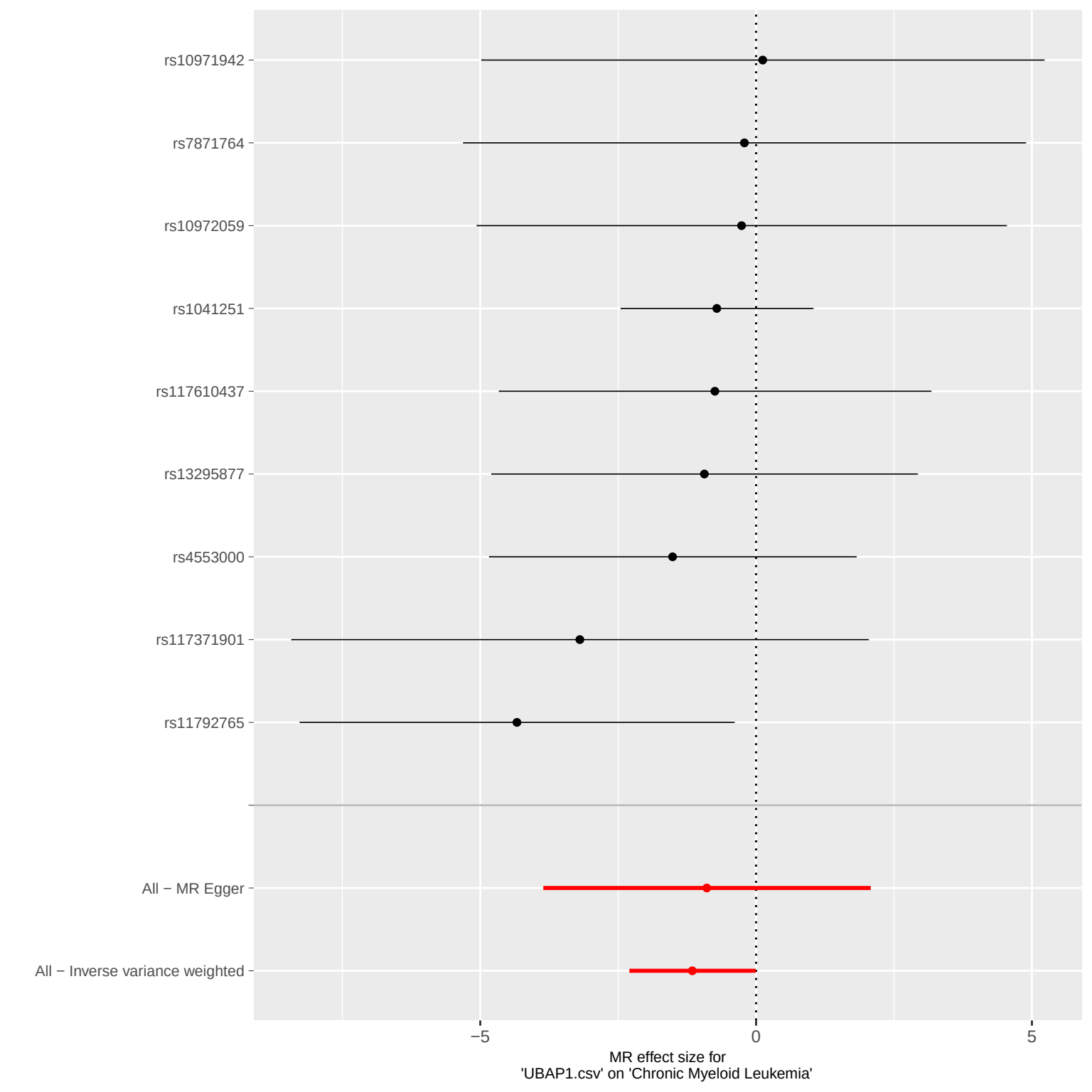
2
4
MR effect size for
'UBAC2−AS1.csv' on 'Chronic Myeloid Leukemia'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rs7871764
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rs1041251
rs117610437
rs13295877
rs4553000
rs117371901
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All − MR Egger
All − Inverse variance weighted
−5
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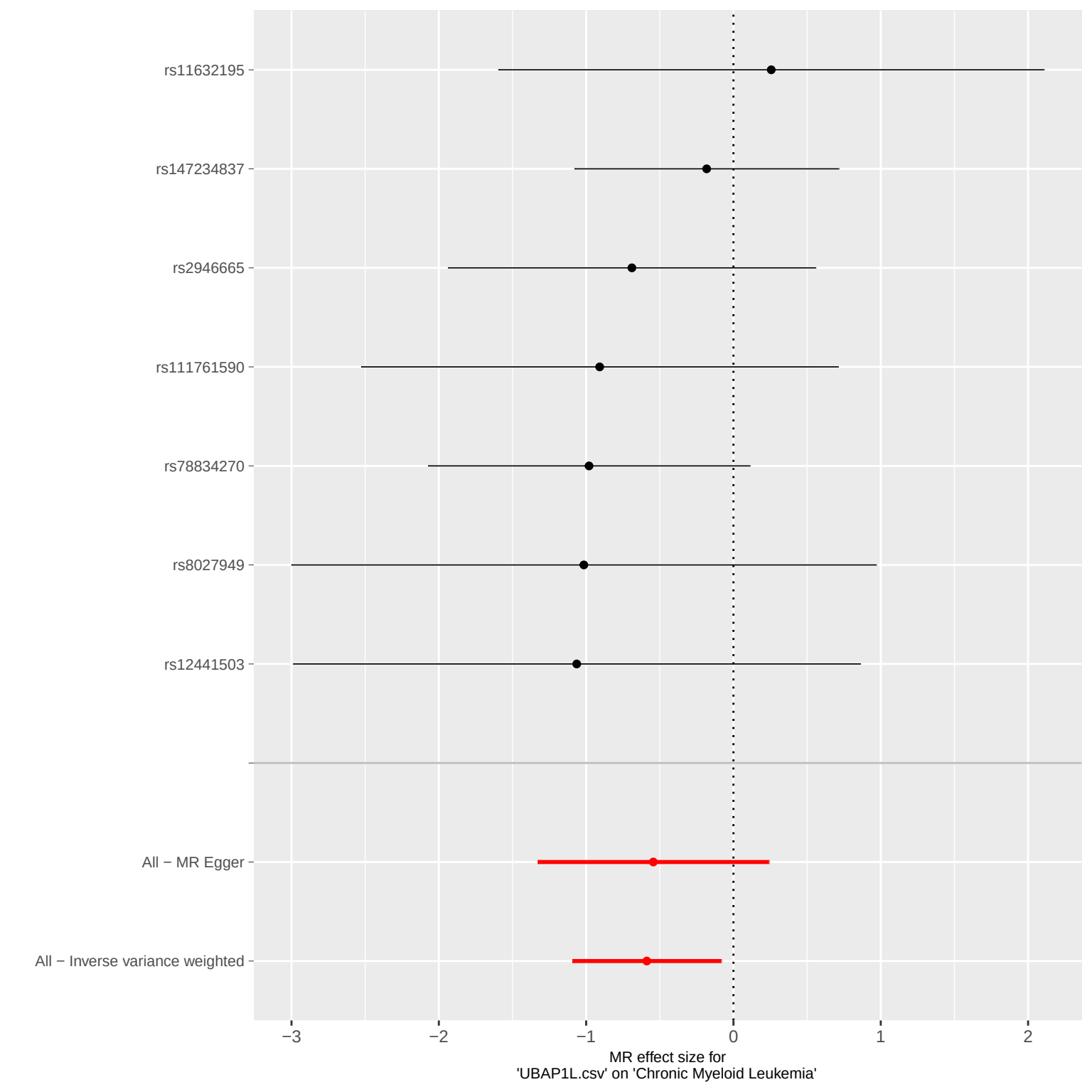
MR effect size for
'UBAP1.csv' on 'Chronic Myeloid Leukemia'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rs78834270
rs8027949
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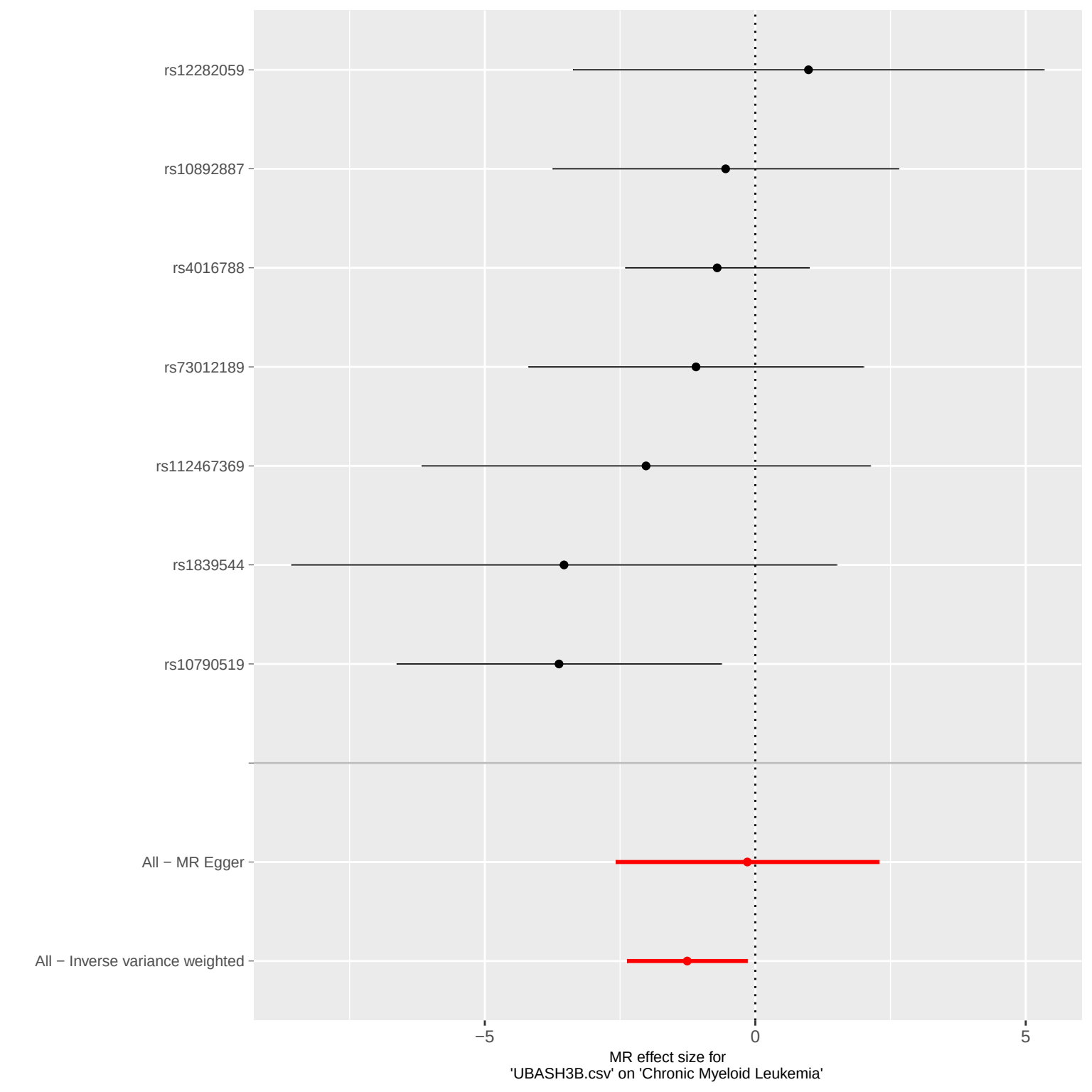
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'UBAP1L.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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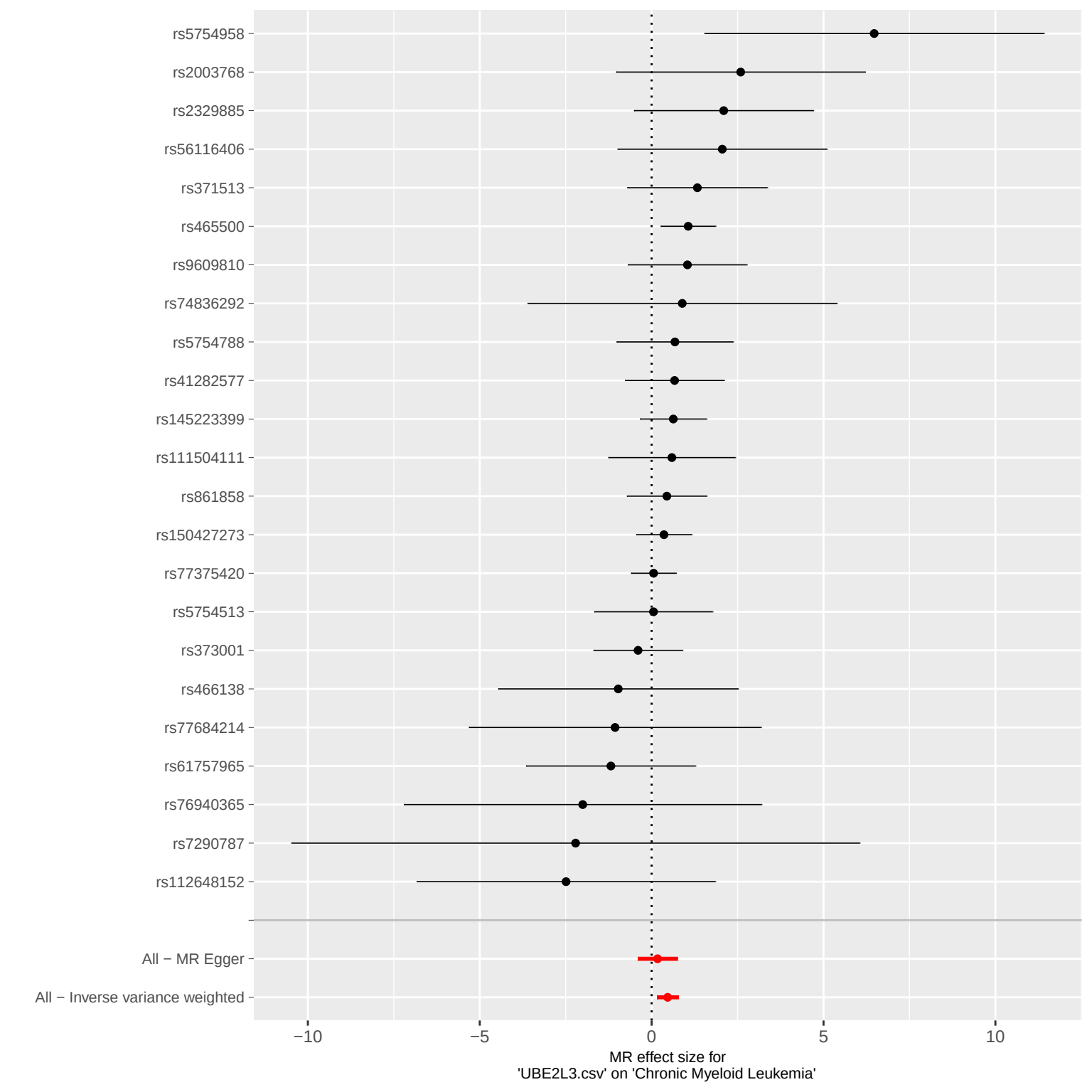
MR effect size for
'UBASH3B.csv' on 'Chronic Myeloid Leukemia'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rs150427273
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rs5754513
rs373001
rs466138
rs77684214
rs61757965
rs76940365
rs7290787
rs112648152
All − MR Egger
All − Inverse variance weighted
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−5
0
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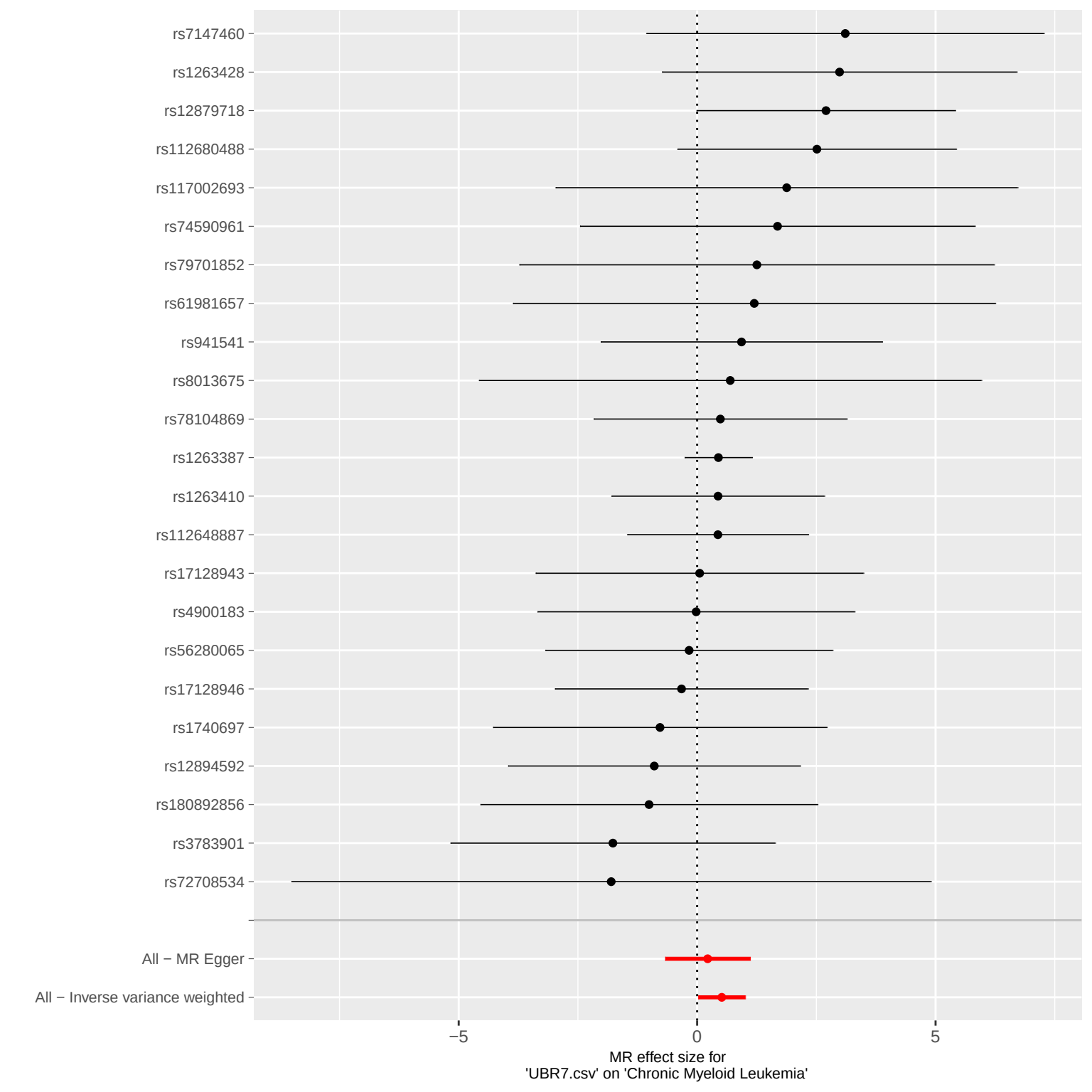
MR effect size for
'UBE2L3.csv' on 'Chronic Myeloid Leukemia'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rs56280065
rs17128946
rs1740697
rs12894592
rs180892856
rs3783901
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All − MR Egger
All − Inverse variance weighted
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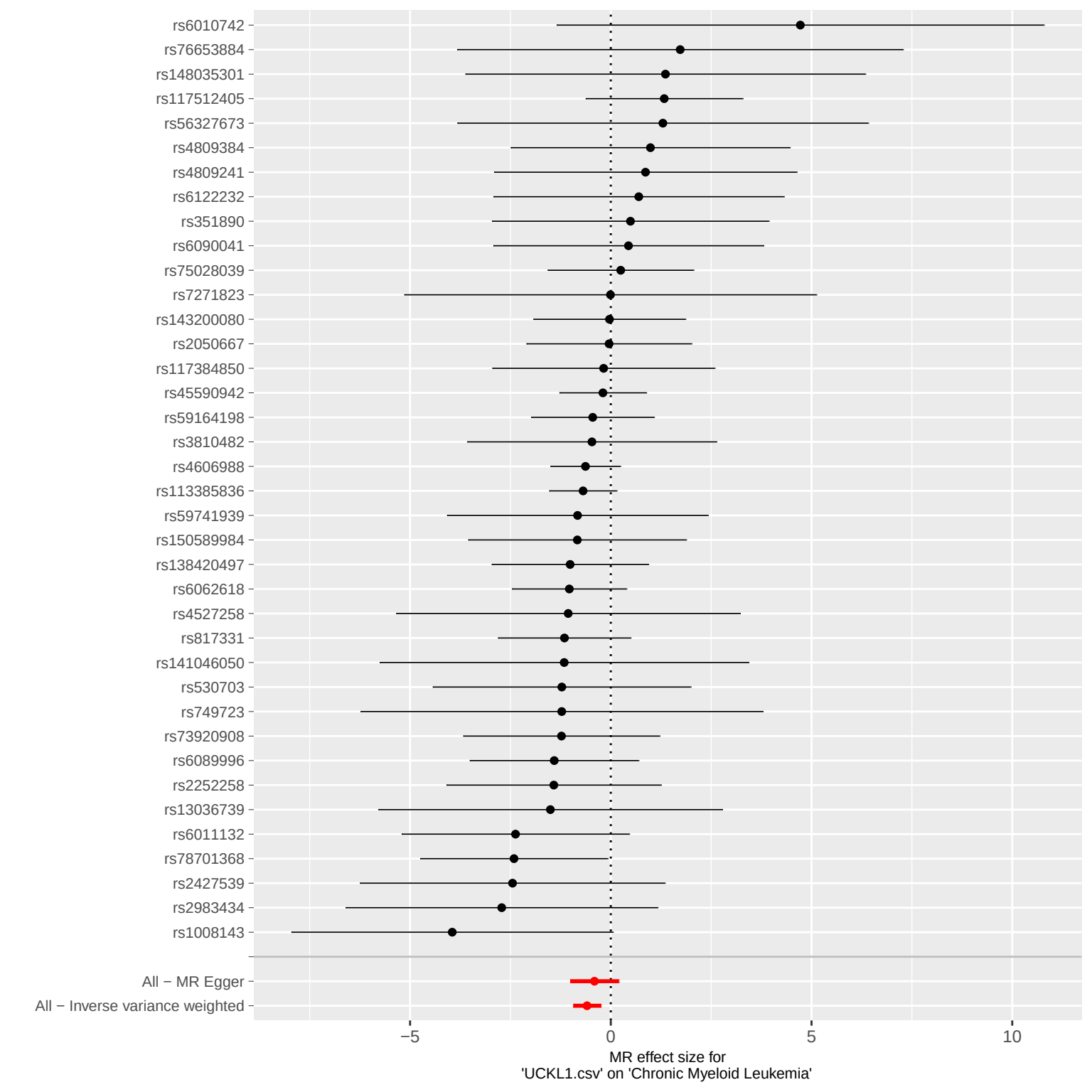
5
MR effect size for
'UBR7.csv' on 'Chronic Myeloid Leukemia'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rs749723
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rs6089996
rs2252258
rs13036739
rs6011132
rs78701368
rs2427539
rs2983434
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All − MR Egger
All − Inverse variance weighted
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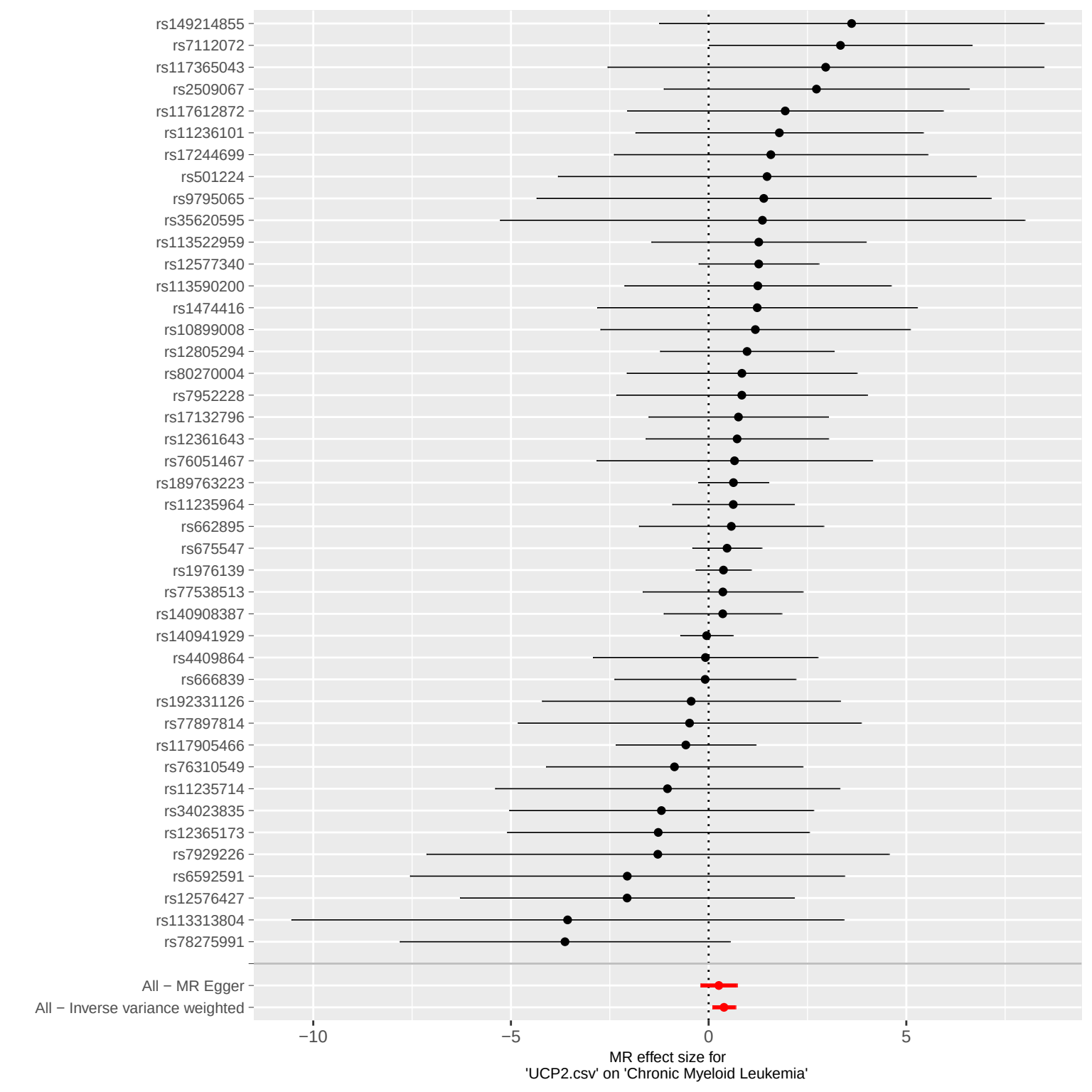
5
10
MR effect size for
'UCKL1.csv' on 'Chronic Myeloid Leukemia'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rs11235714
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rs12365173
rs7929226
rs6592591
rs12576427
rs113313804
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All − MR Egger
All − Inverse variance weighted
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−5
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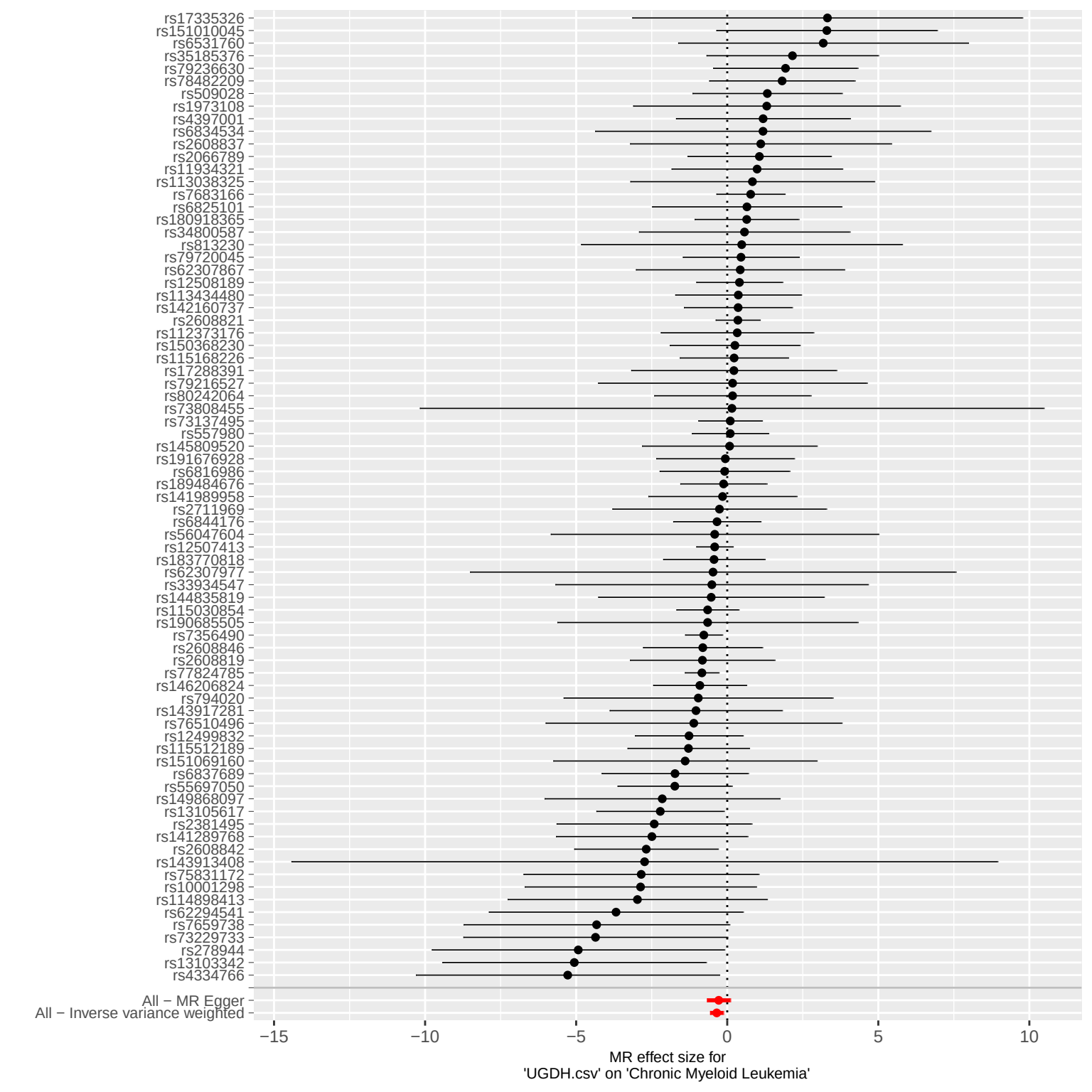
5
MR effect size for
'UCP2.csv' on 'Chronic Myeloid Leukemia'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rs13103342
rs4334766
All − MR Egger
All − Inverse variance weighted
−15
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−5
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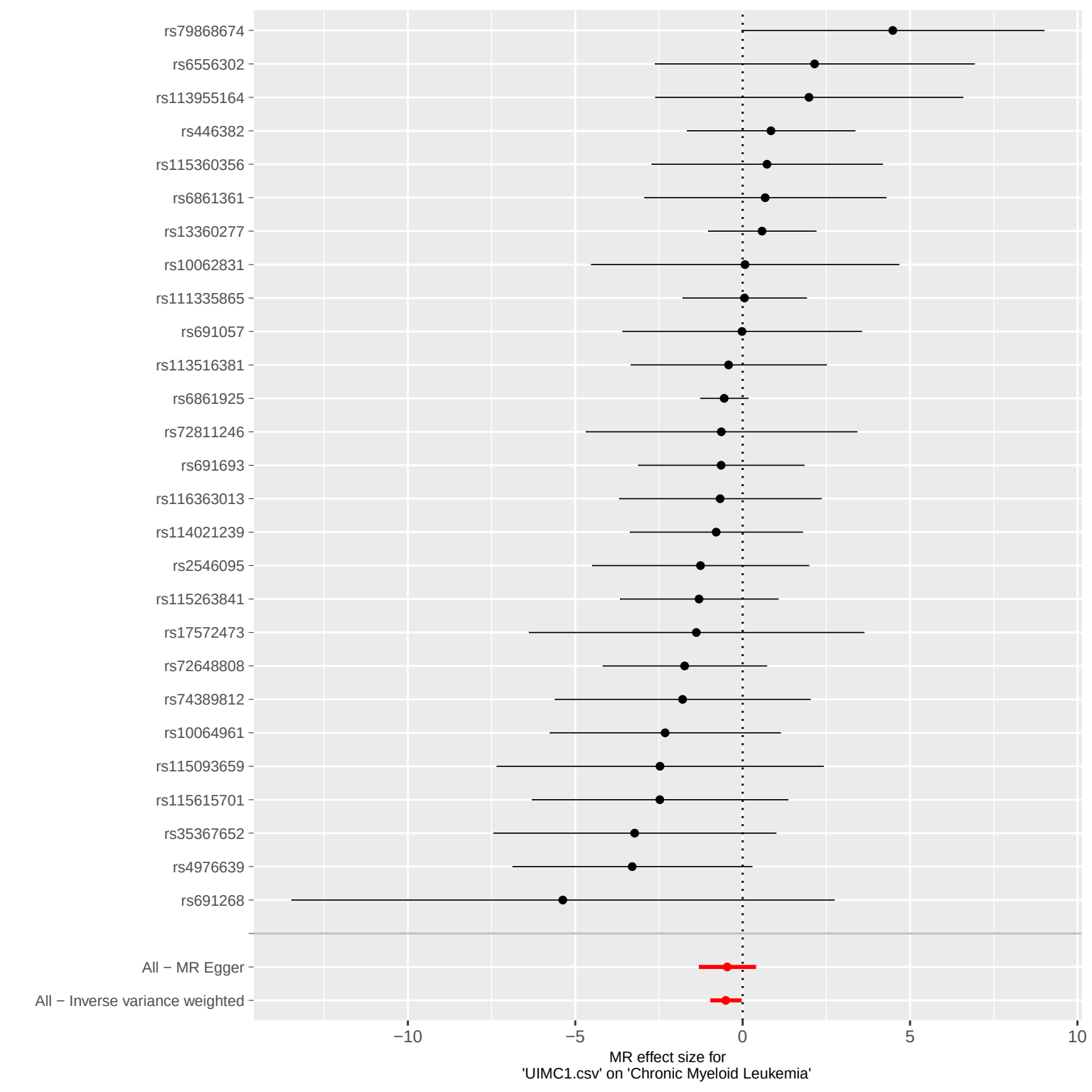
MR effect size for
'UGDH.csv' on 'Chronic Myeloid Leukemia'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rs115263841
rs17572473
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rs10064961
rs115093659
rs115615701
rs35367652
rs4976639
rs691268
All − MR Egger
All − Inverse variance weighted
−10
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0
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MR effect size for
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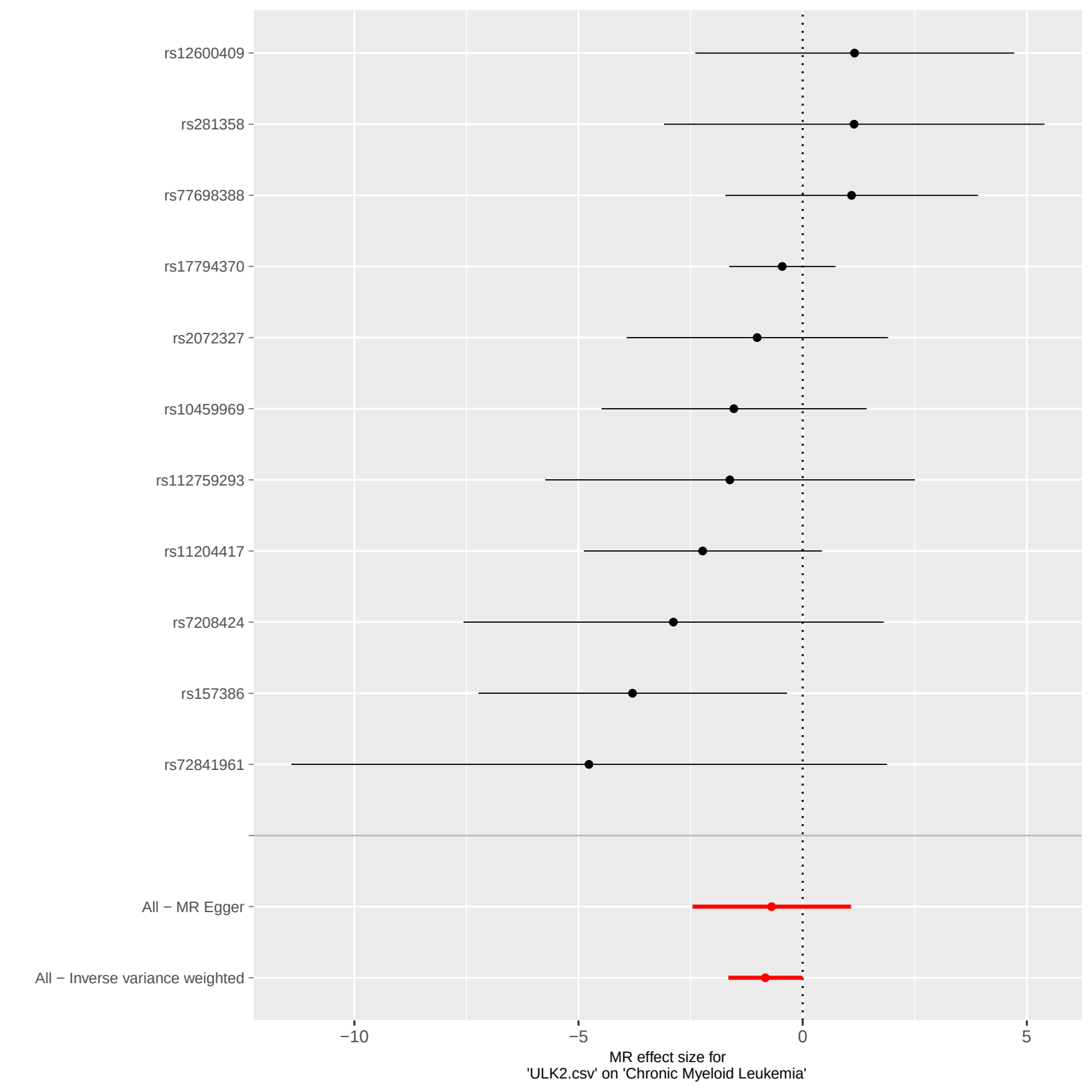
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All − MR Egger
All − Inverse variance weighted
−10
−5
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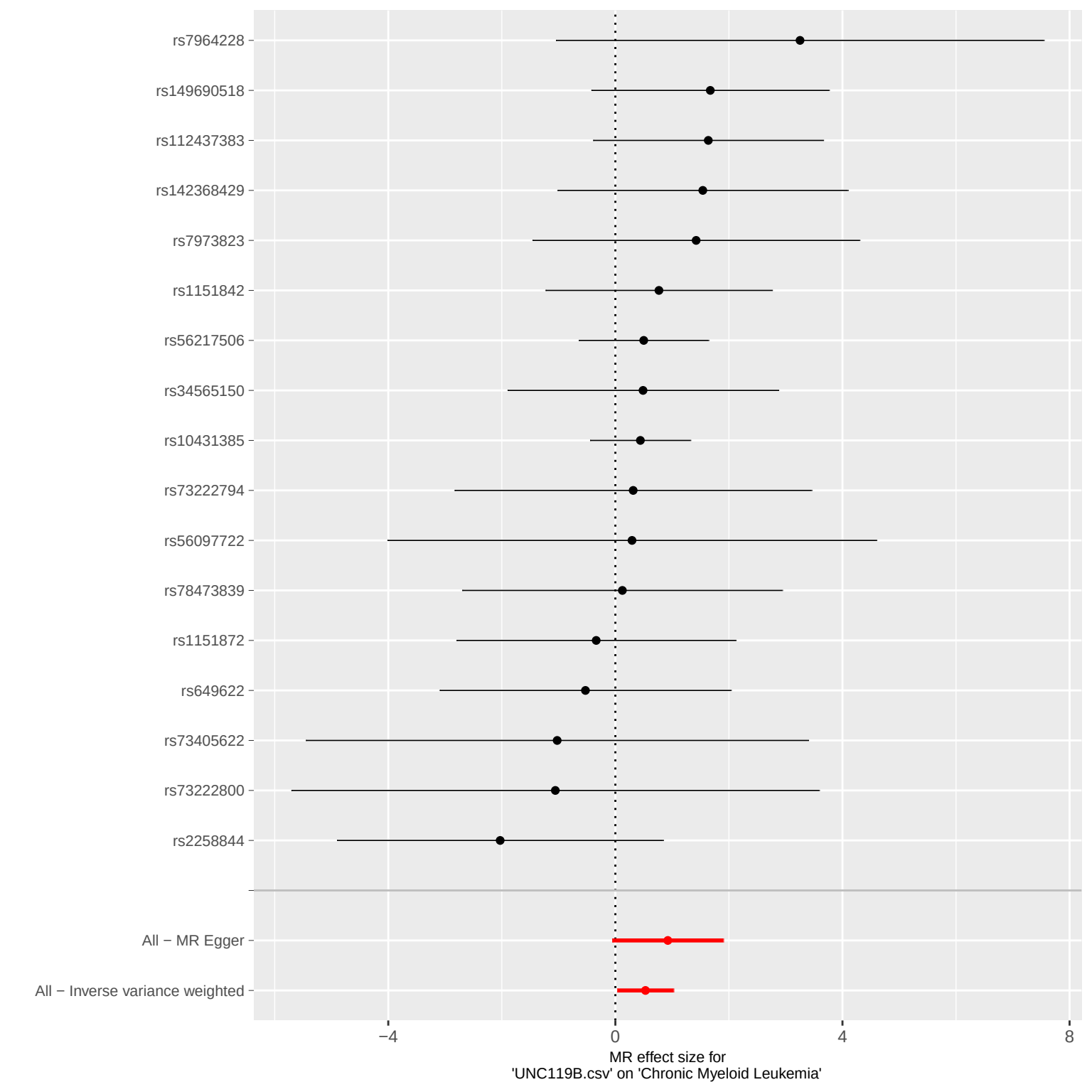
MR effect size for
'ULK2.csv' on 'Chronic Myeloid Leukemia'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rs78473839
rs1151872
rs649622
rs73405622
rs73222800
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All − MR Egger
All − Inverse variance weighted
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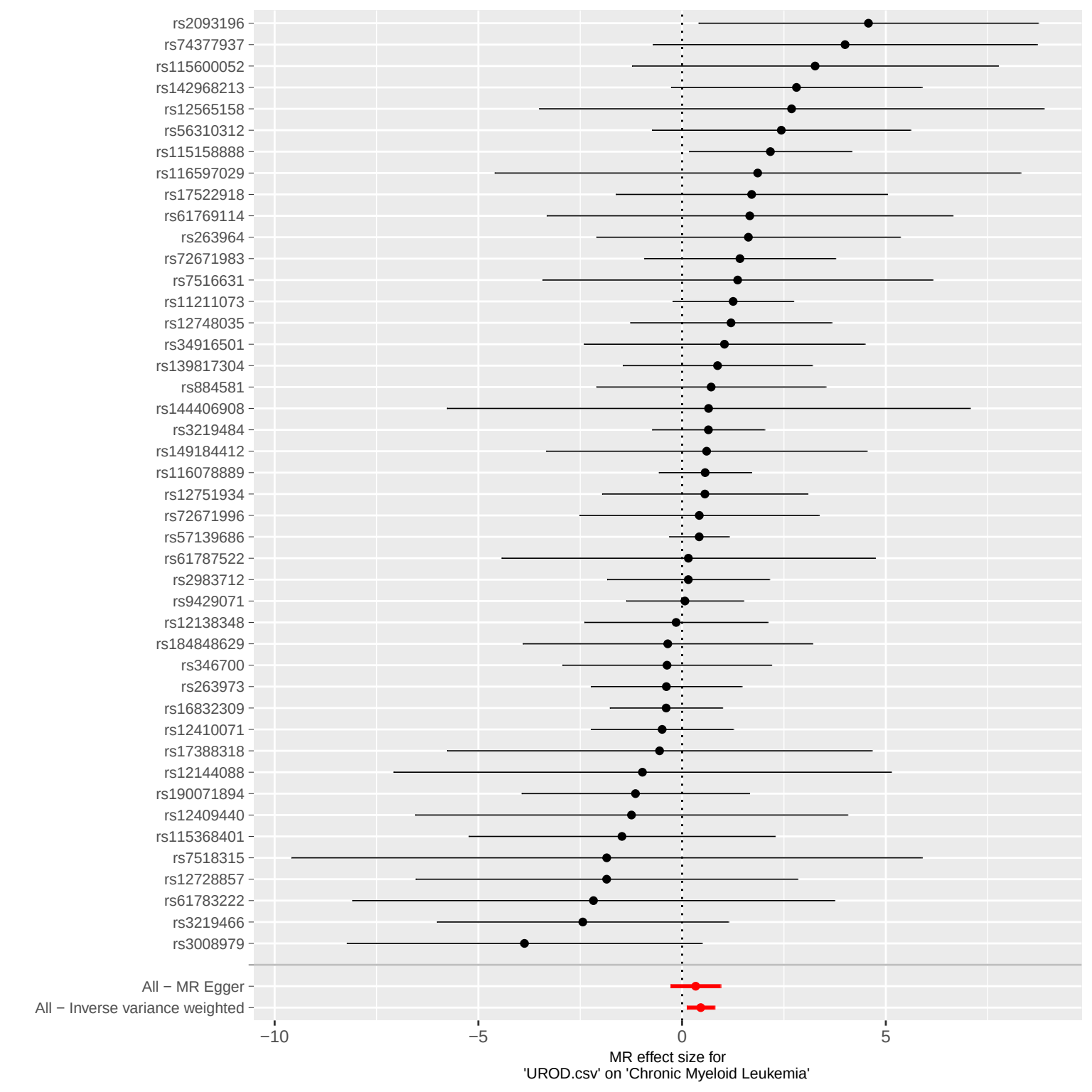
MR effect size for
'UNC119B.csv' on 'Chronic Myeloid Leukemia'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rs61787522
rs2983712
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rs12144088
rs190071894
rs12409440
rs115368401
rs7518315
rs12728857
rs61783222
rs3219466
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All − MR Egger
All − Inverse variance weighted
−10
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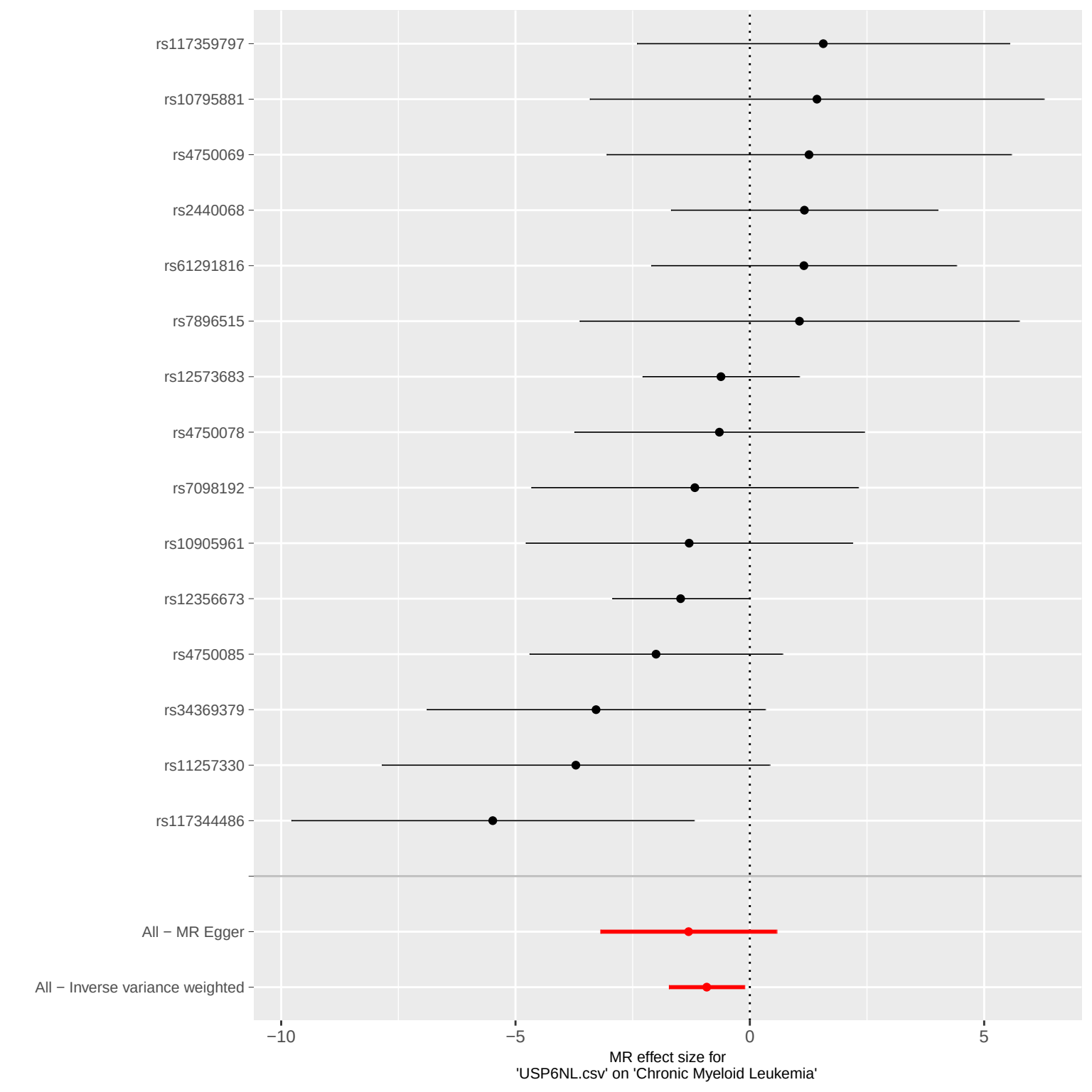
MR effect size for
'UROD.csv' on 'Chronic Myeloid Leukemia'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rs11257330
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All − MR Egger
All − Inverse variance weighted
−10
−5
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MR effect size for
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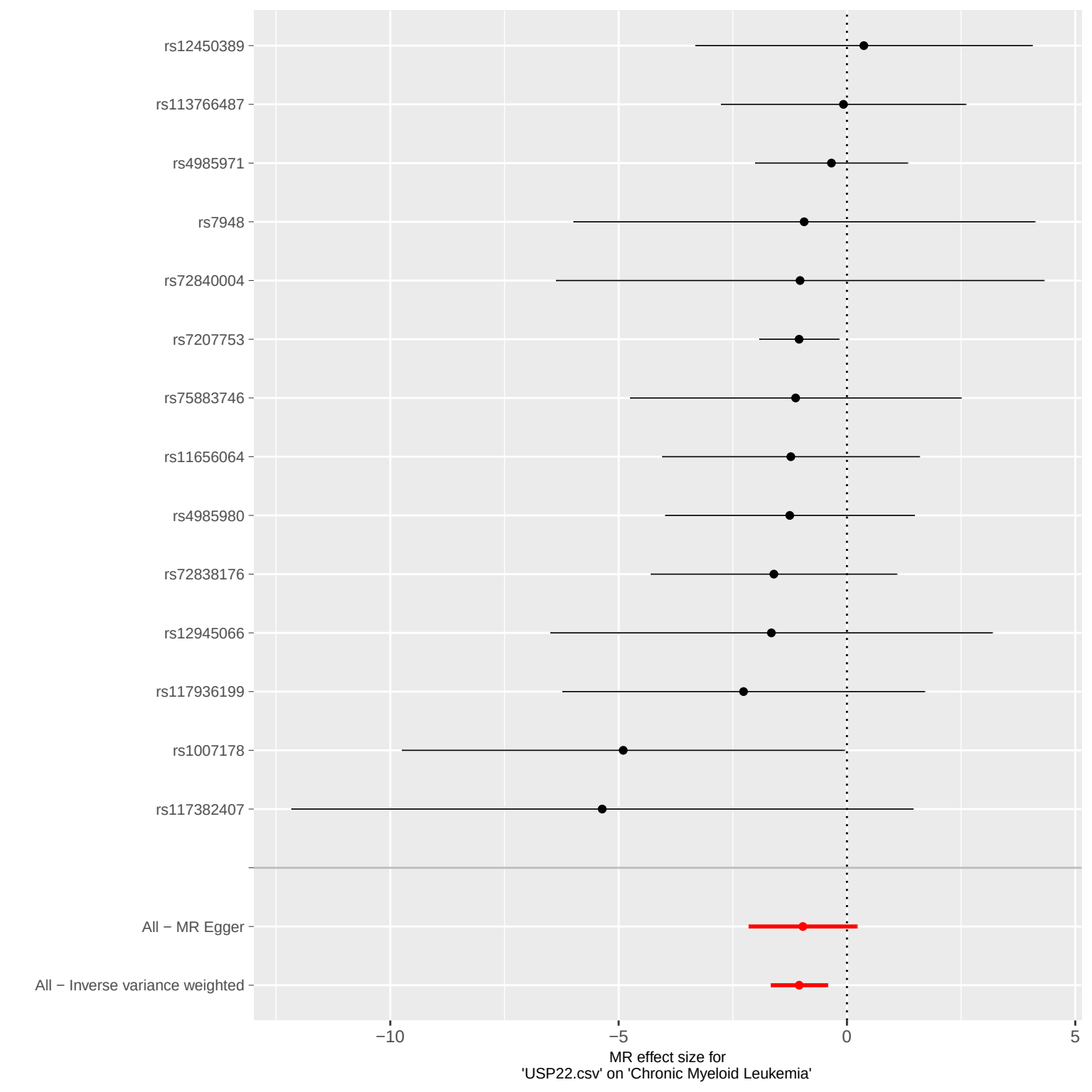
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rs117936199
rs1007178
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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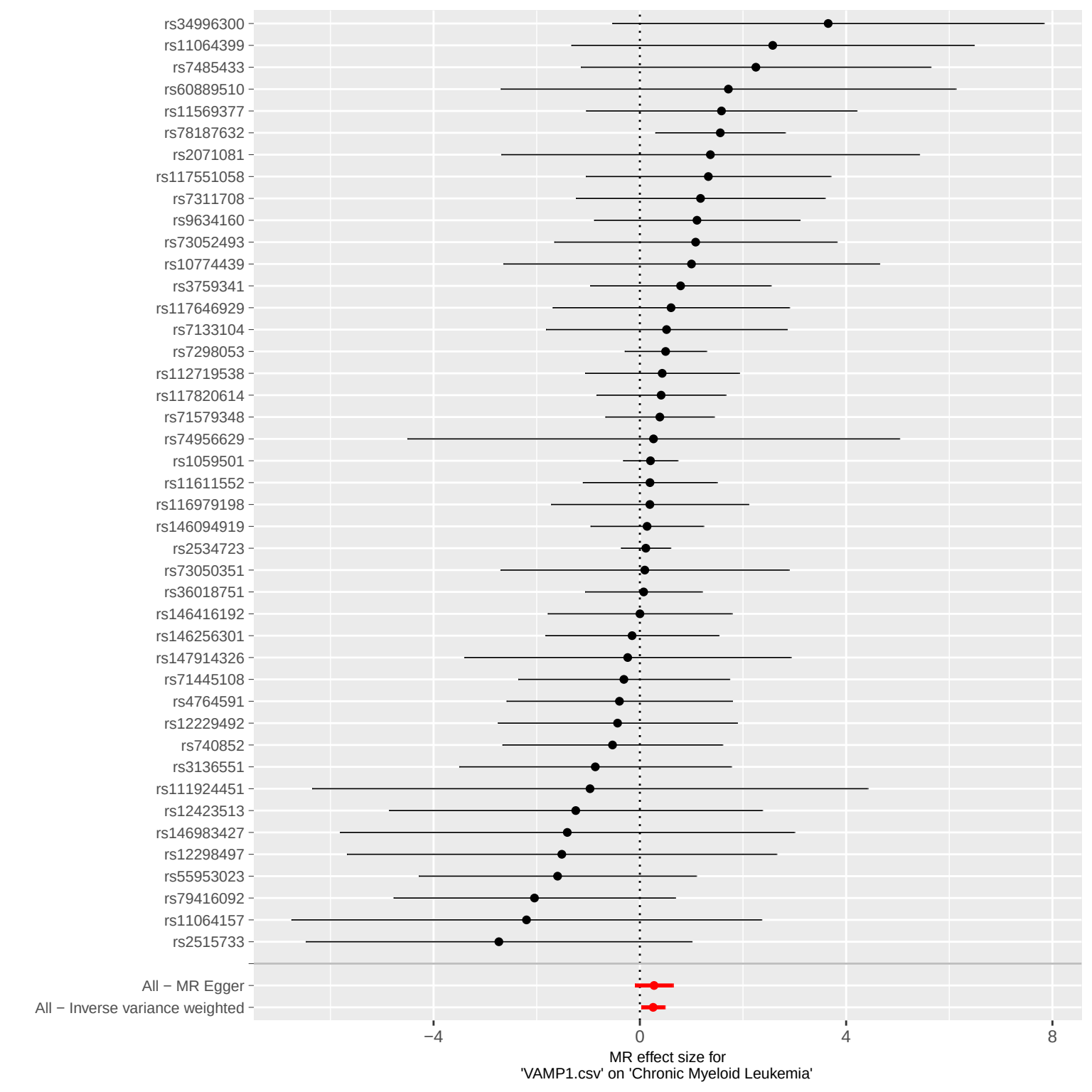
MR effect size for
'USP22.csv' on 'Chronic Myeloid Leukemia'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rs7298053
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rs1059501
rs11611552
rs116979198
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rs2534723
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rs71445108
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rs740852
rs3136551
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rs11064157
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All − MR Egger
All − Inverse variance weighted
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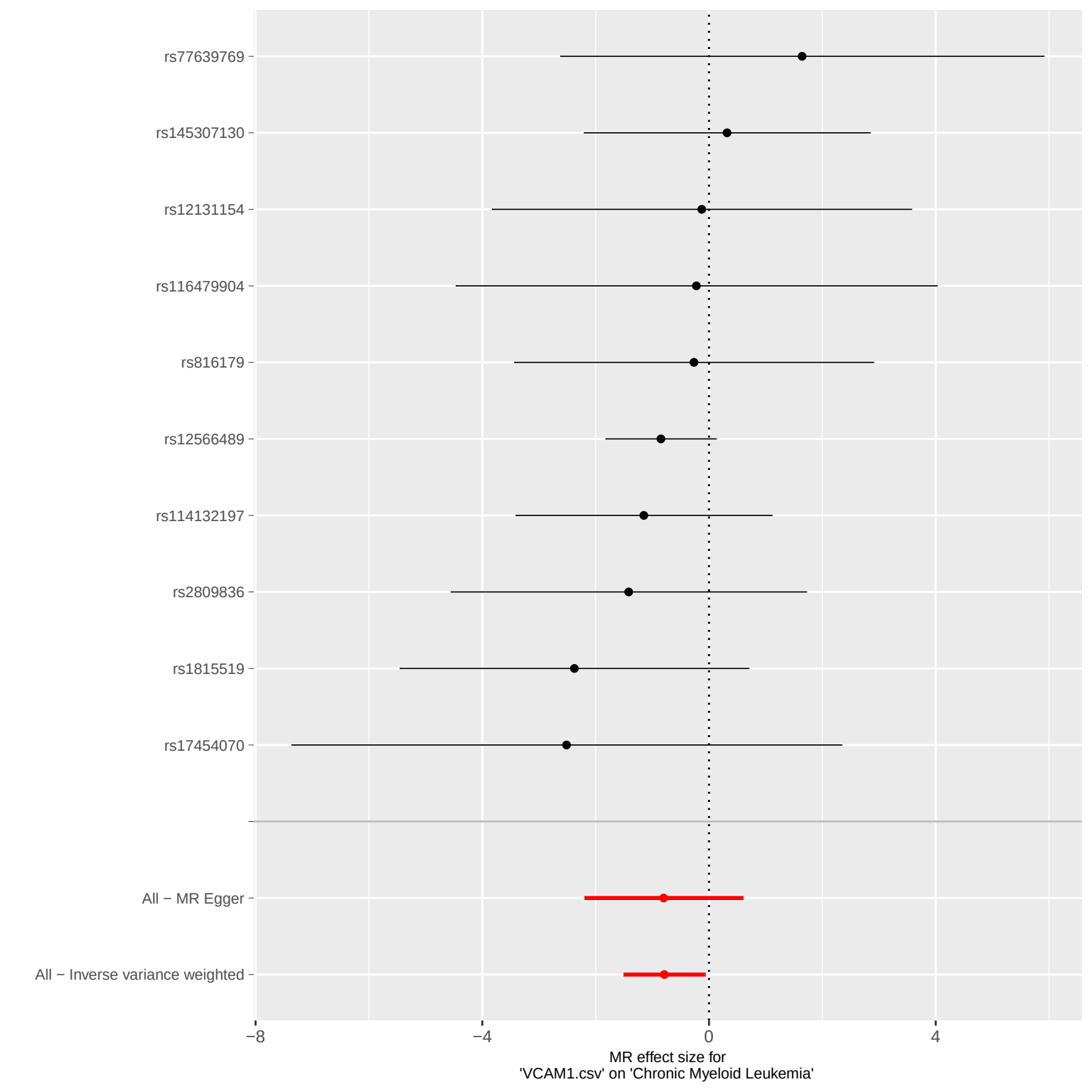
MR effect size for
'VAMP1.csv' on 'Chronic Myeloid Leukemia'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rs12566489
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rs1815519
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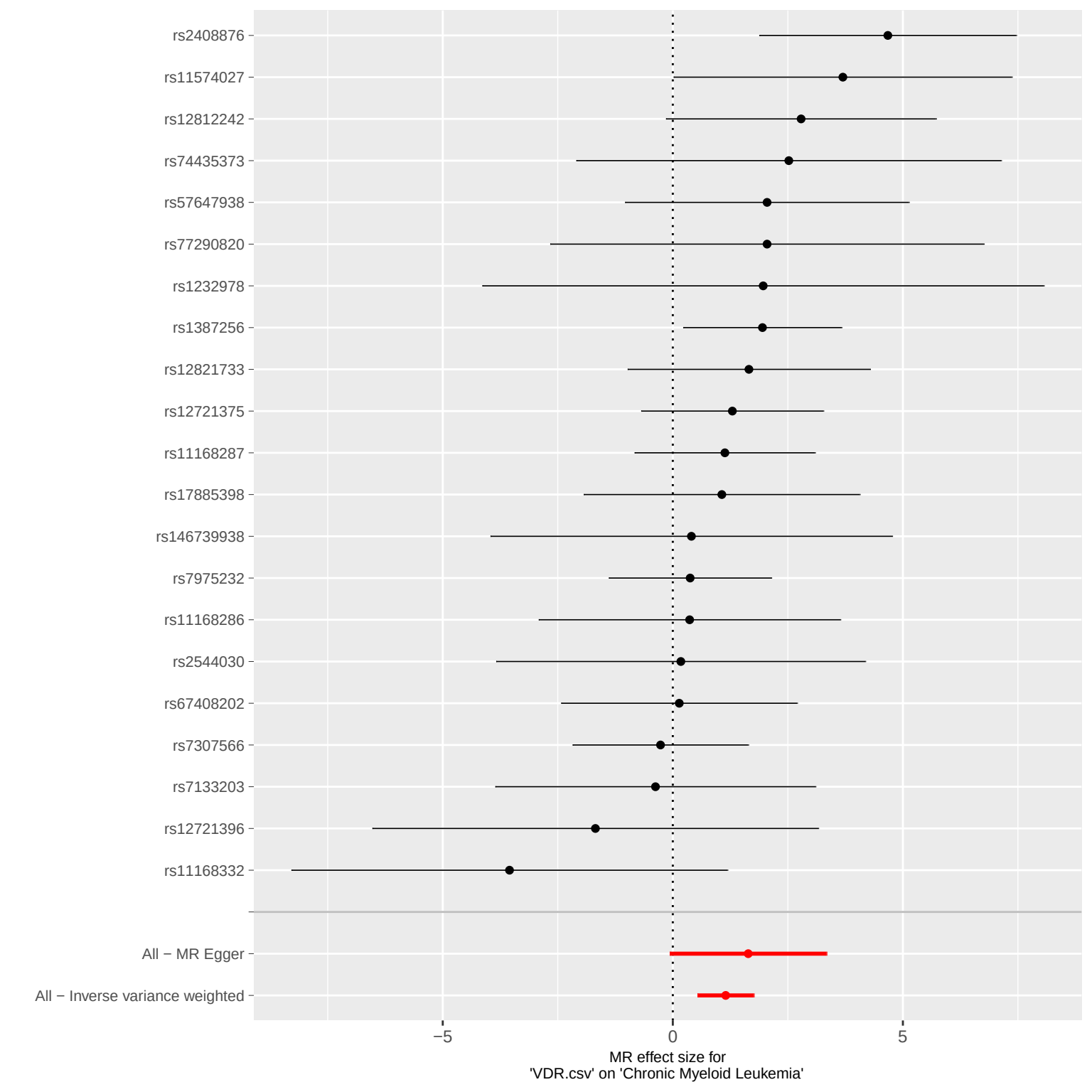
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'VCAM1.csv' on 'Chronic Myeloid Leukemia'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rs2544030
rs67408202
rs7307566
rs7133203
rs12721396
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All − MR Egger
All − Inverse variance weighted
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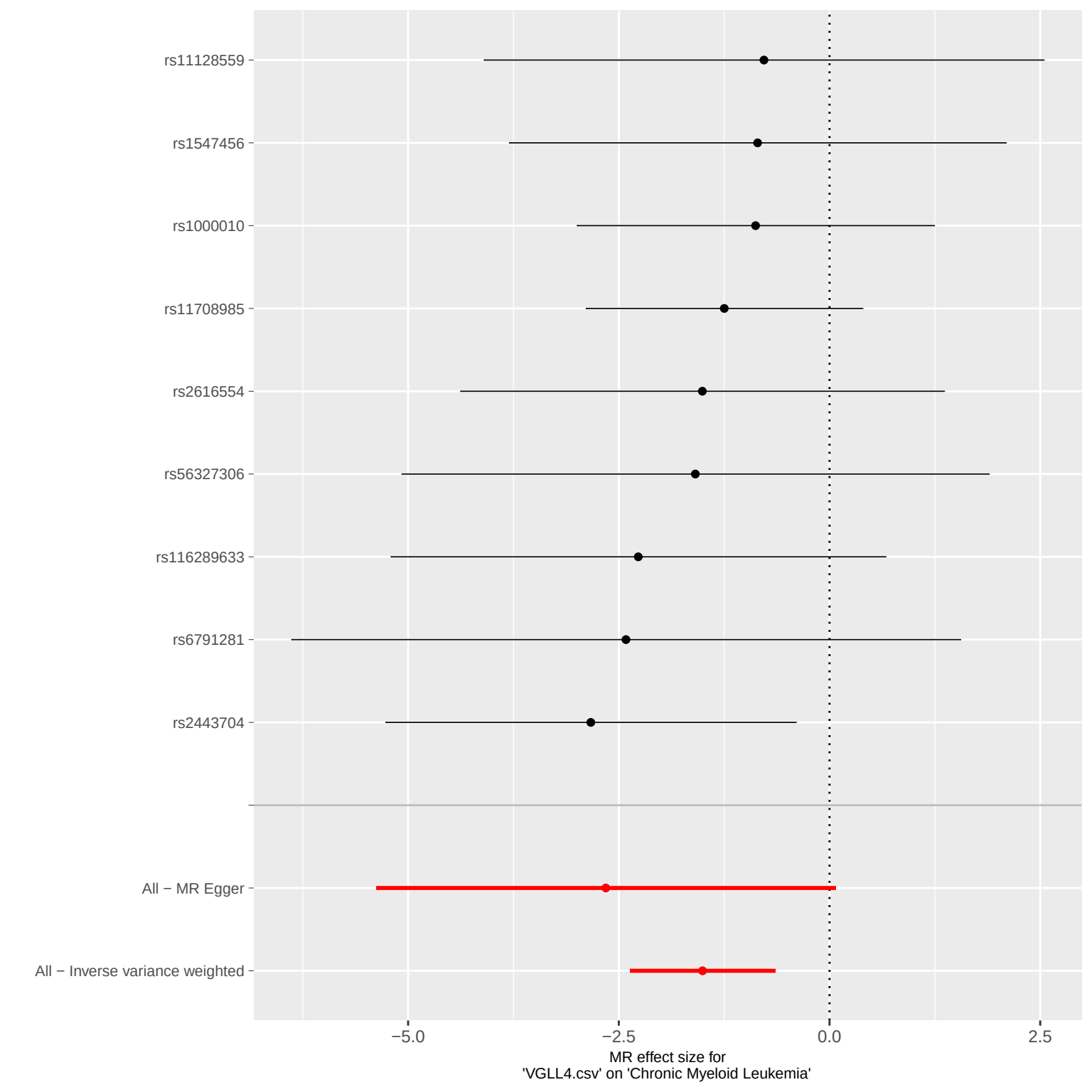
MR effect size for
'VDR.csv' on 'Chronic Myeloid Leukemia'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rs6791281
rs2443704
All − MR Egger
All − Inverse variance weighted
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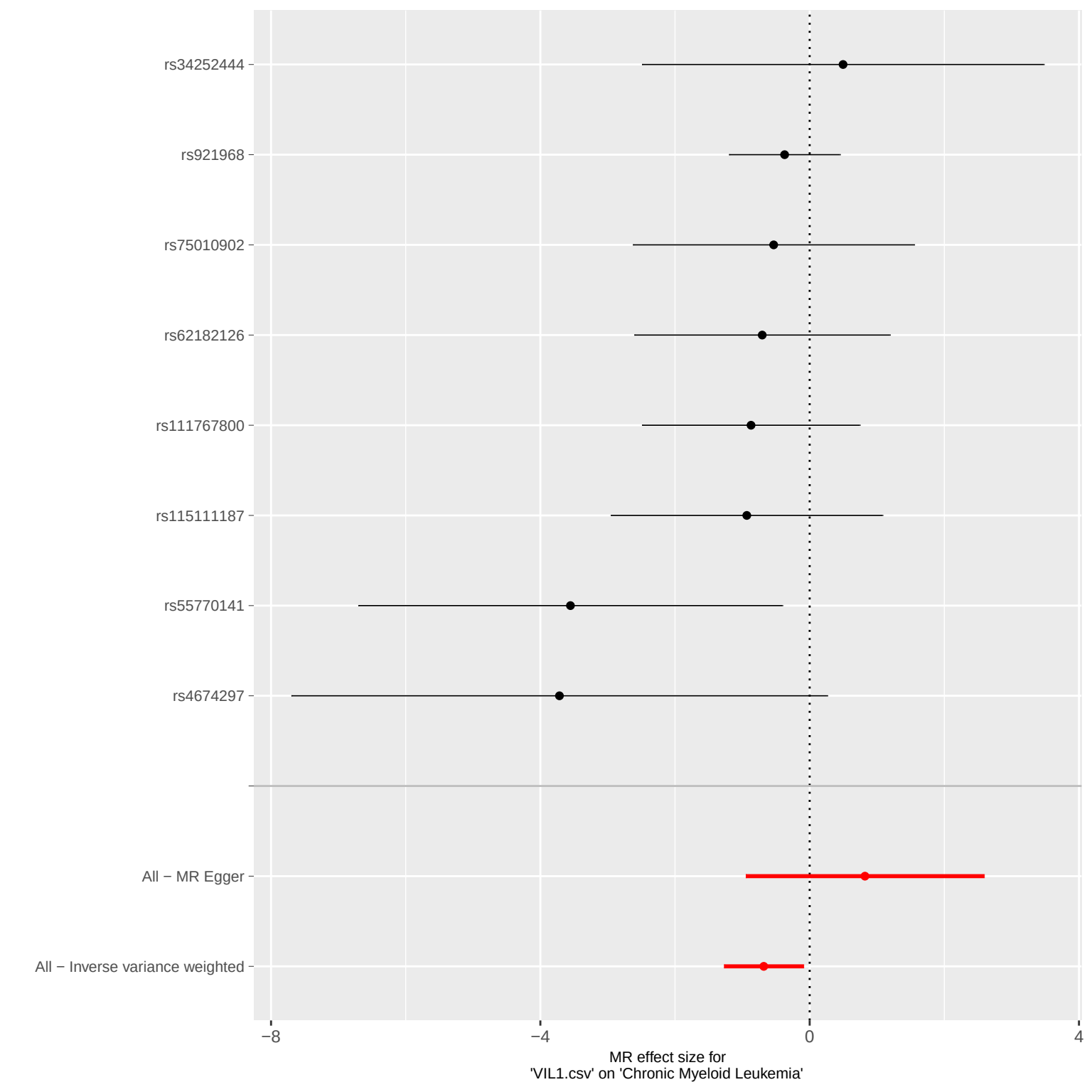
−2.5
0.0
2.5
MR effect size for
'VGLL4.csv' on 'Chronic Myeloid Leukemia'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rs75010902
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rs55770141
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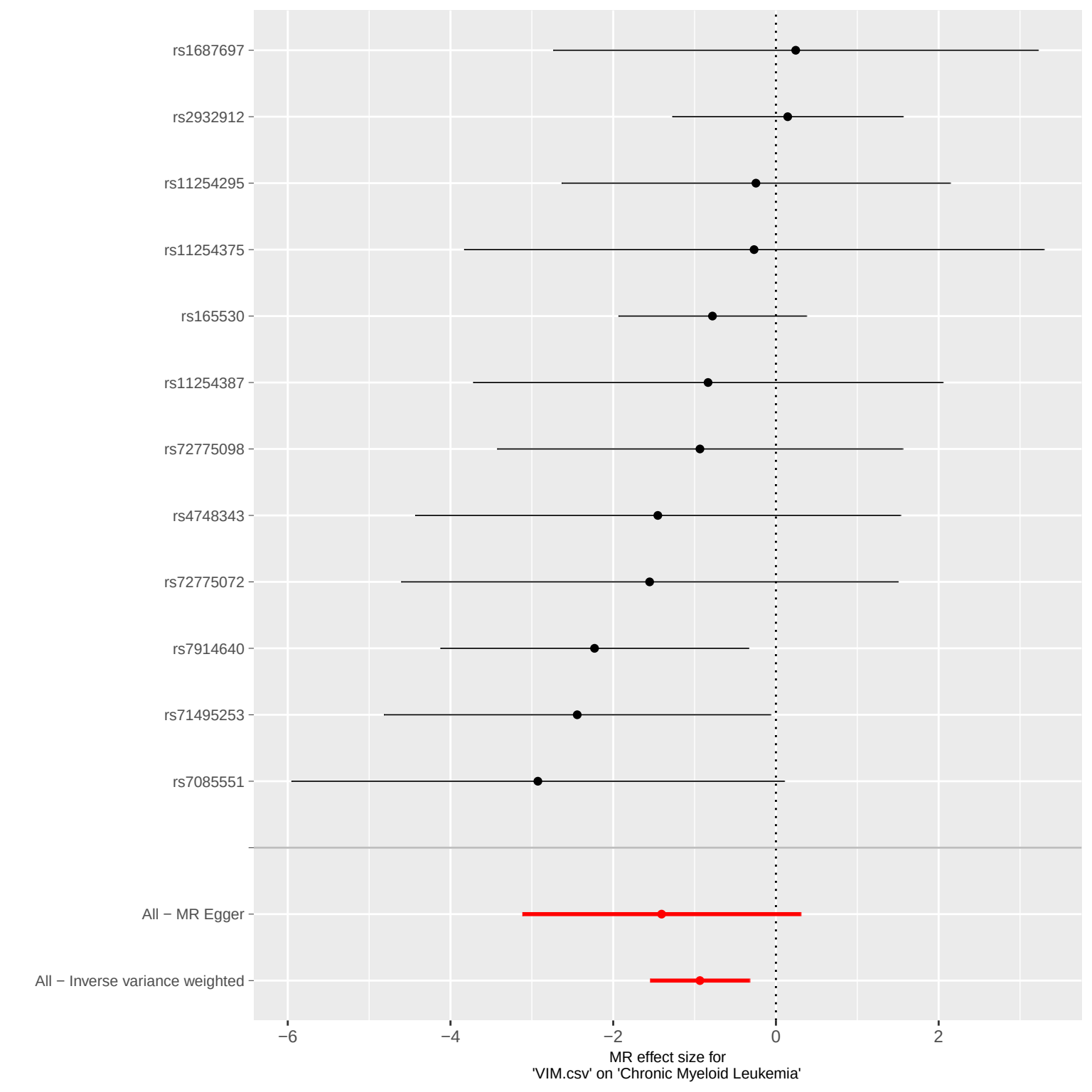
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'VIL1.csv' on 'Chronic Myeloid Leukemia'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rs11254295
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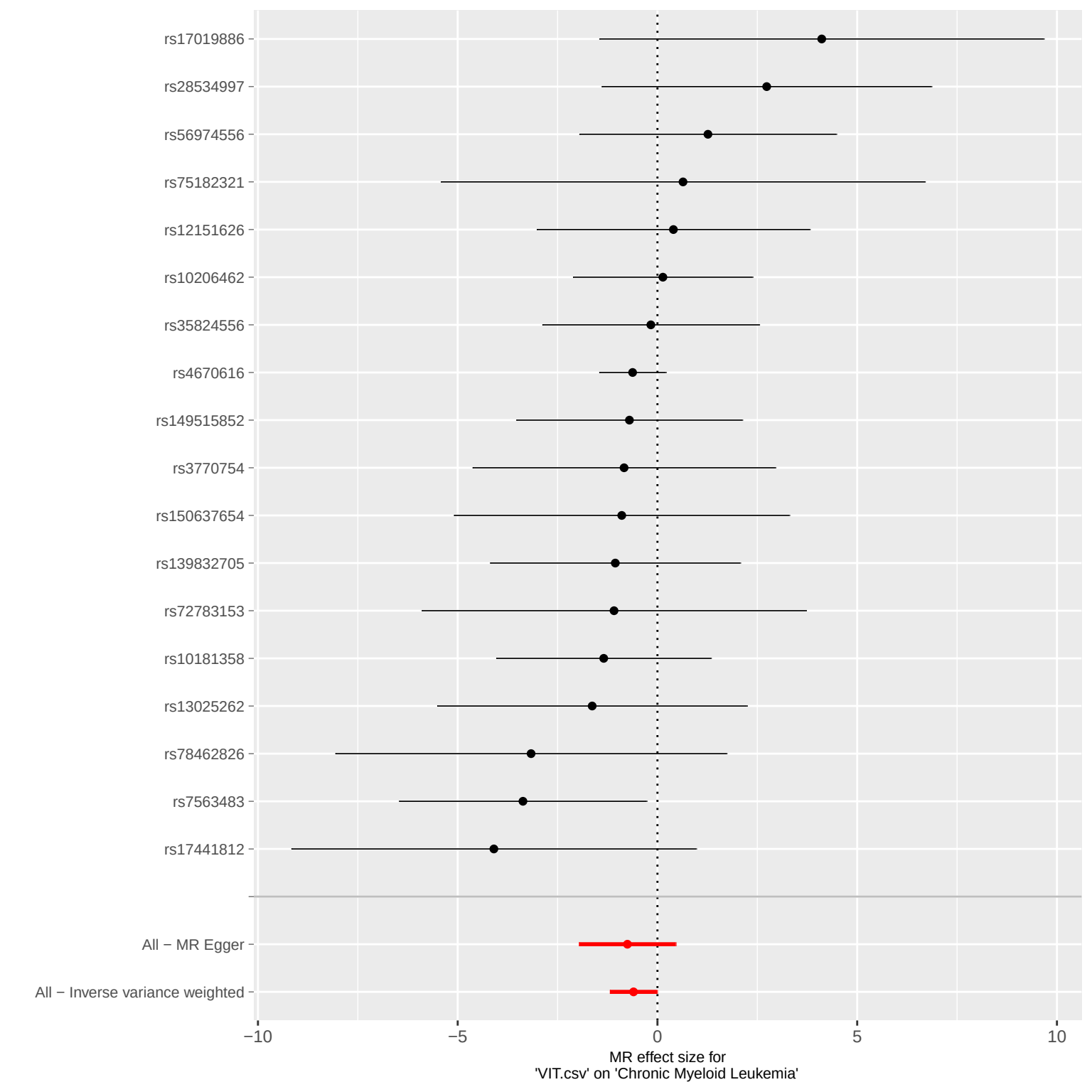
rs165530
rs11254387
rs72775098
rs4748343
rs72775072
rs7914640
rs71495253
rs7085551
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'VIM.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
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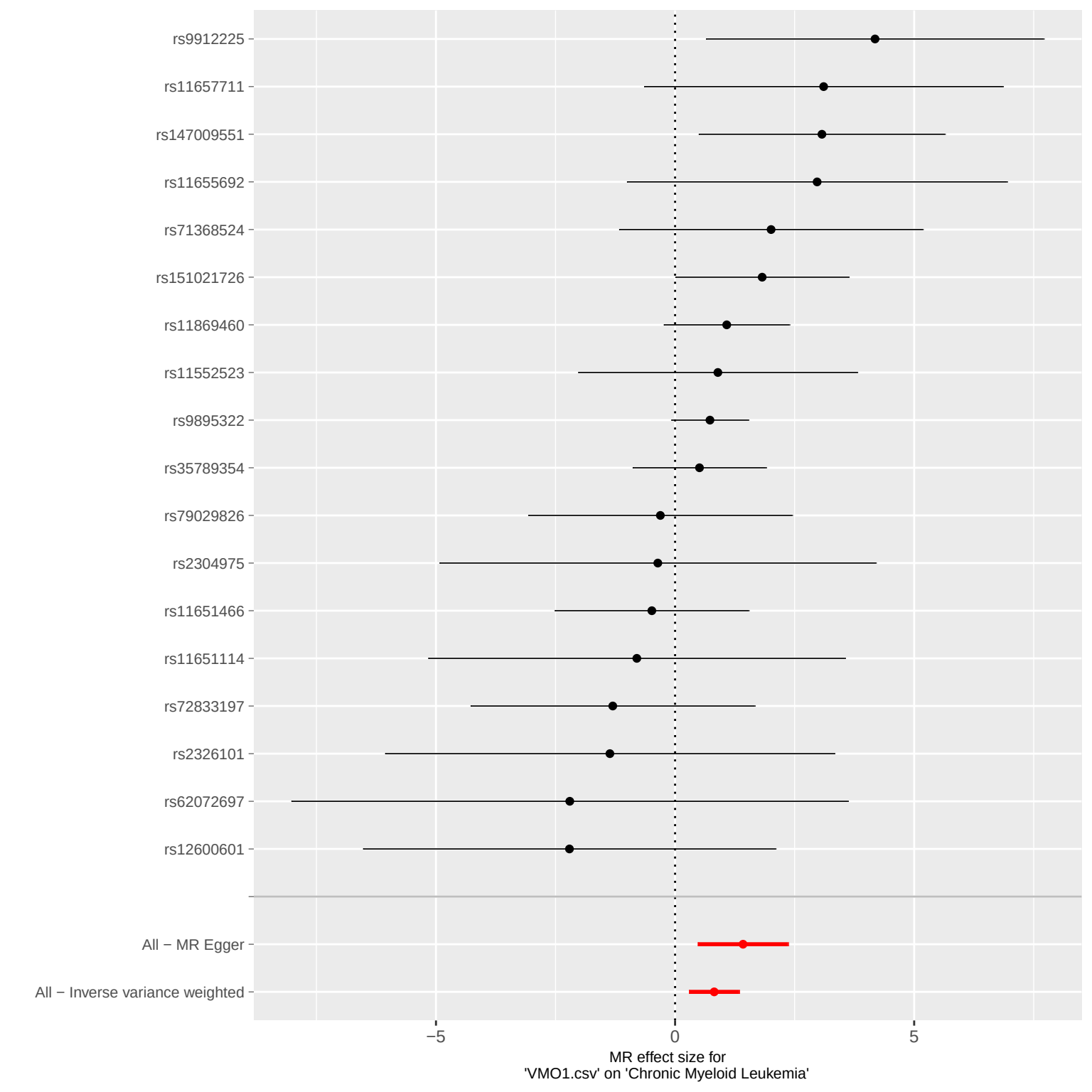
MR effect size for
'VIT.csv' on 'Chronic Myeloid Leukemia'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rs11651466
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rs72833197
rs2326101
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All − MR Egger
All − Inverse variance weighted
−5
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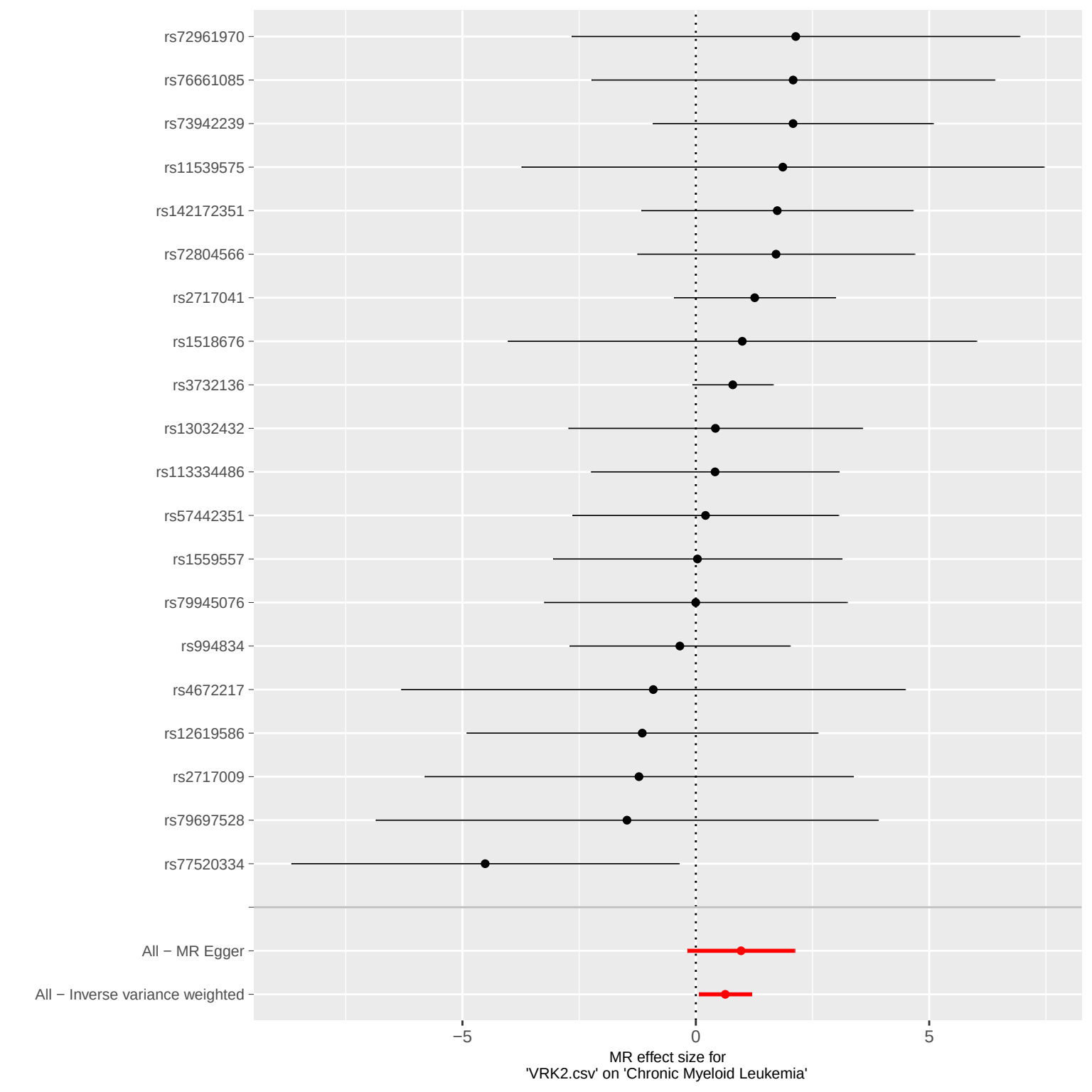
MR effect size for
'VMO1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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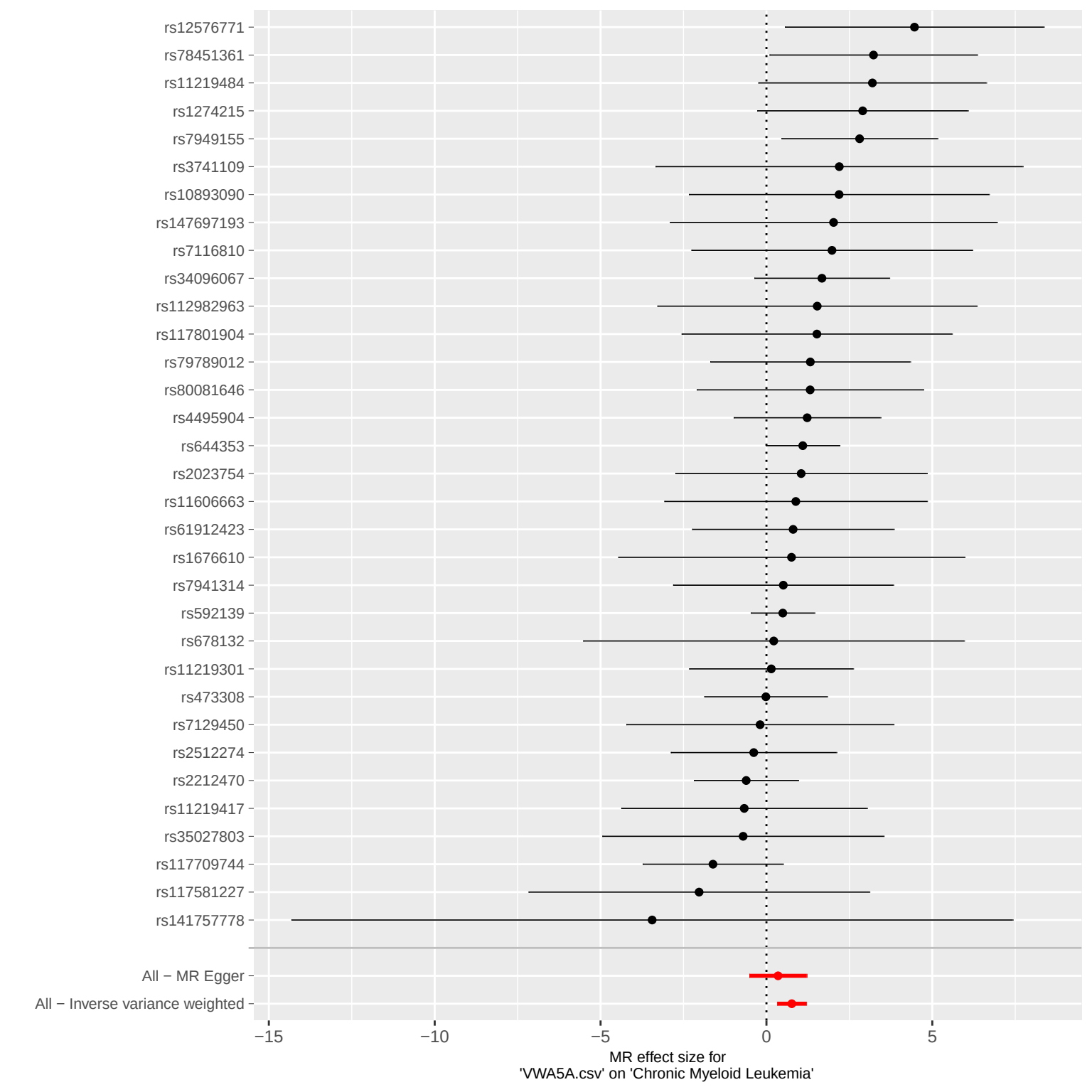
MR effect size for
'VRK2.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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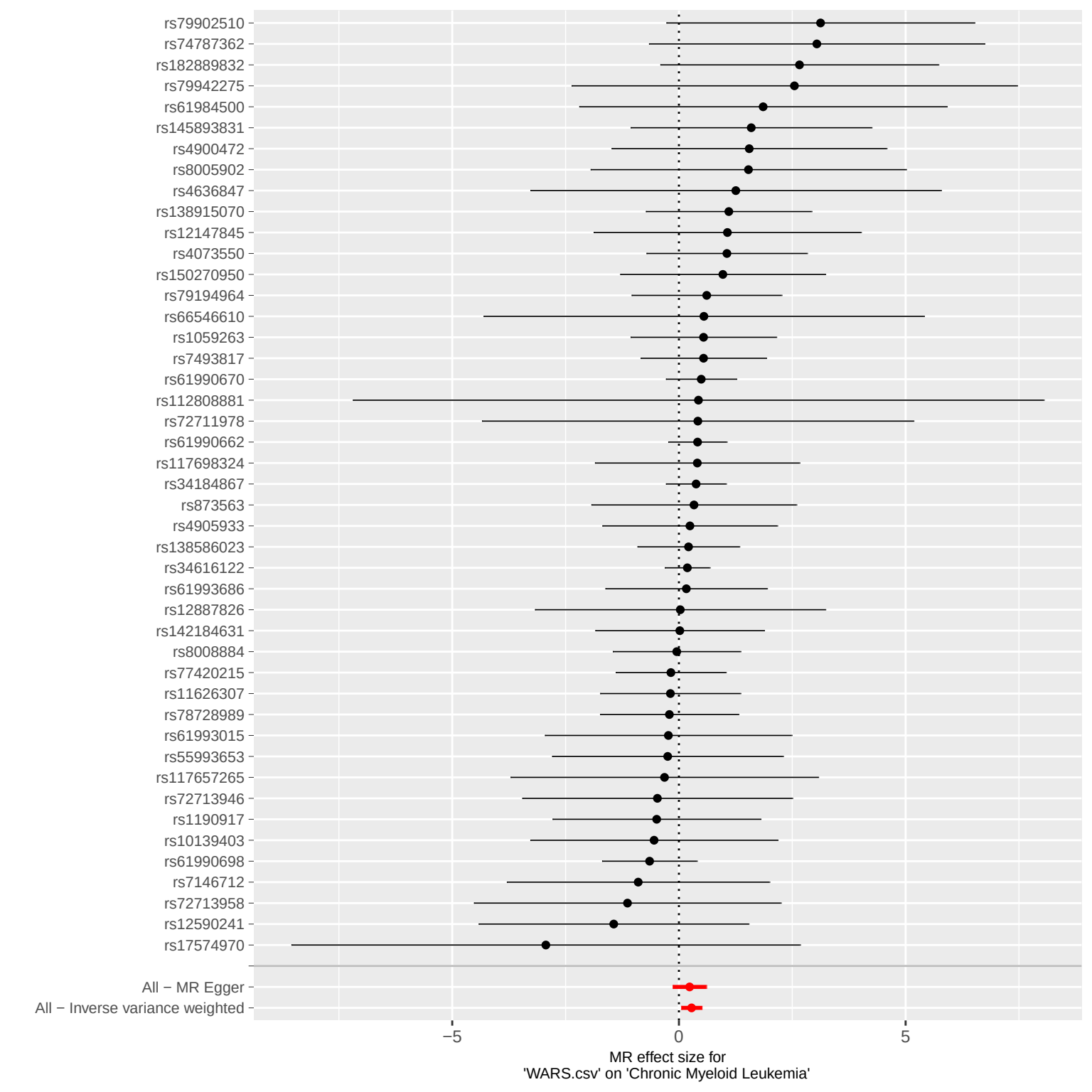
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rs61990698
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rs72713958
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All − Inverse variance weighted
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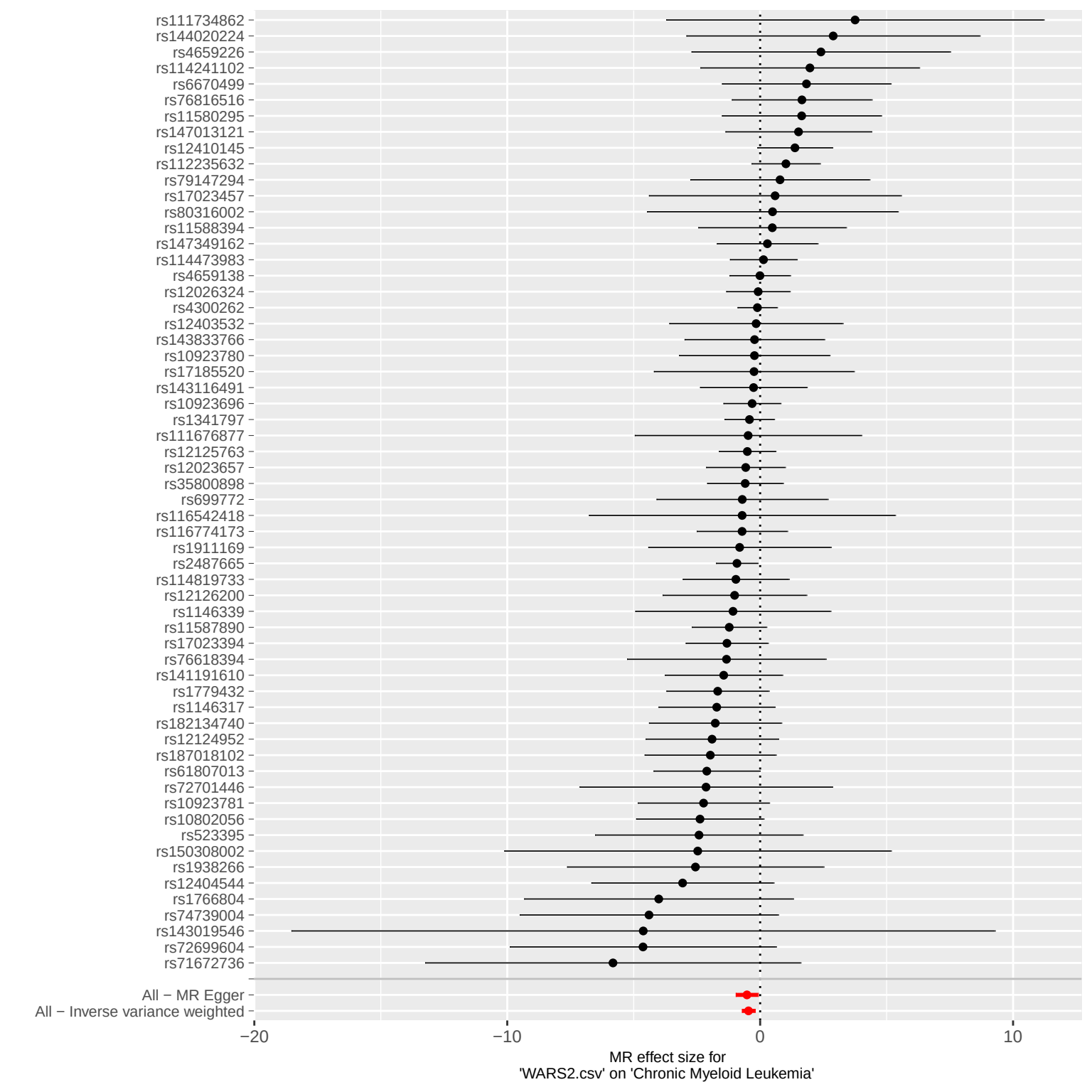
MR effect size for
'WARS.csv' on 'Chronic Myeloid Leukemia'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rs72699604
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All − Inverse variance weighted
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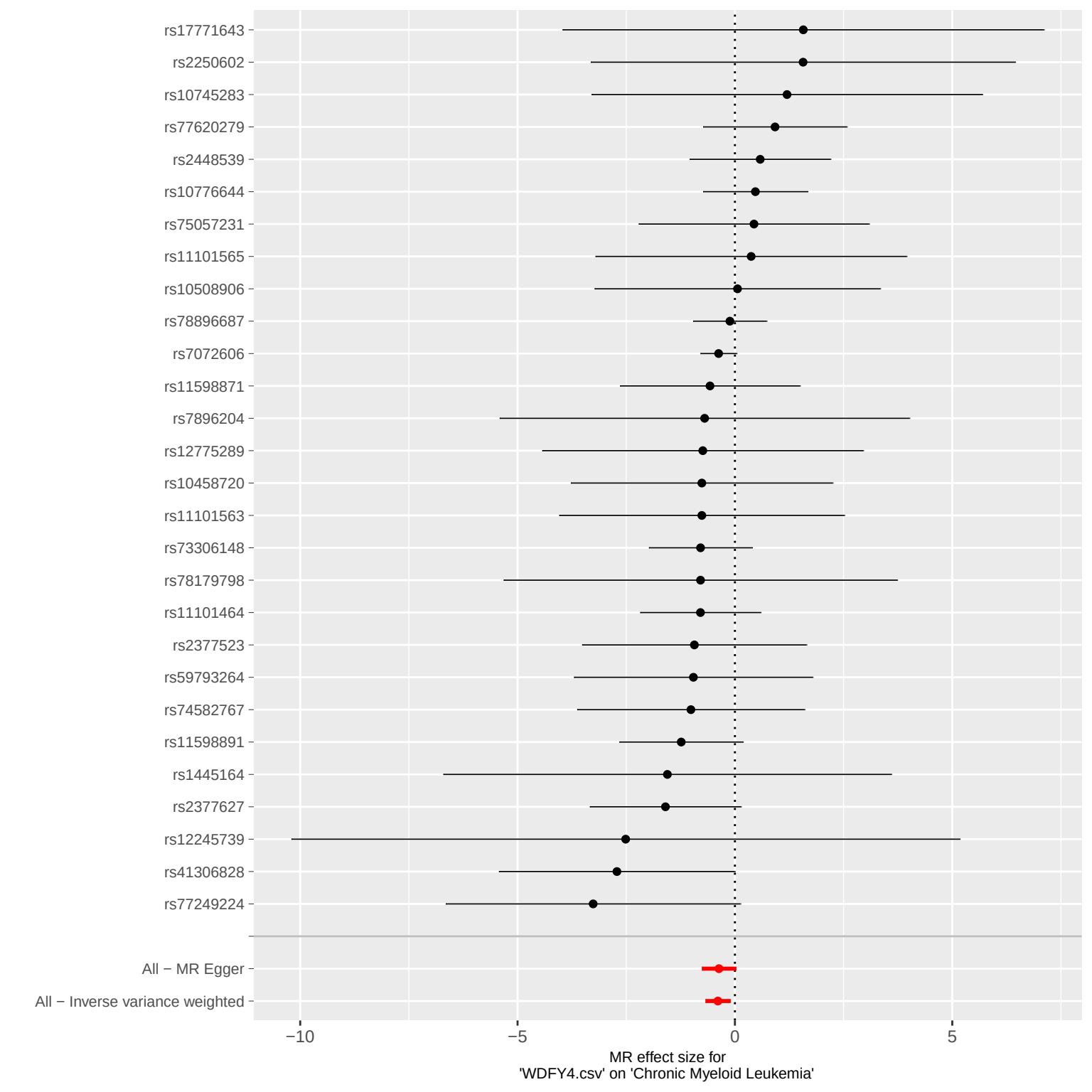
10
MR effect size for
'WARS2.csv' on 'Chronic Myeloid Leukemia'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rs2377523
rs59793264
rs74582767
rs11598891
rs1445164
rs2377627
rs12245739
rs41306828
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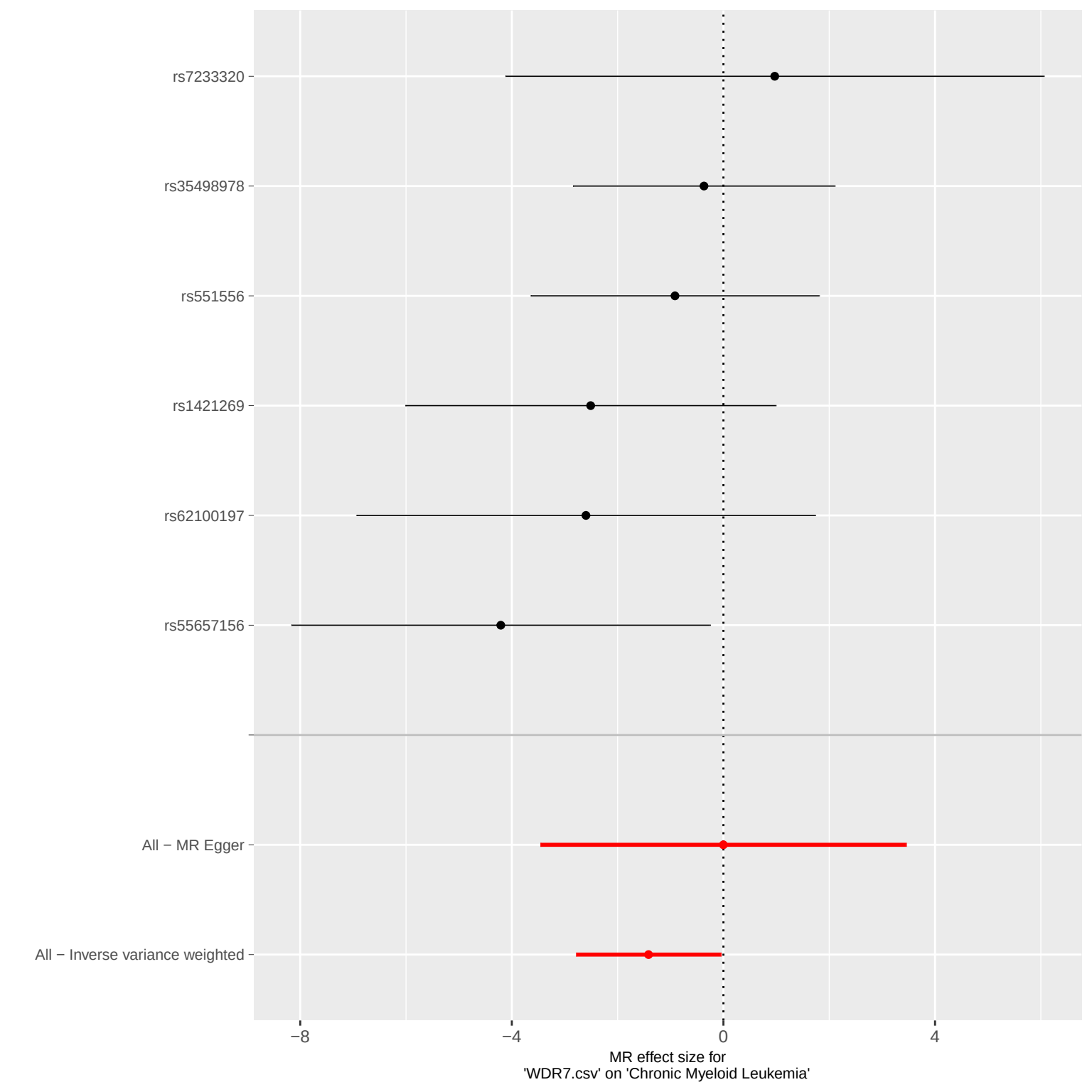
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'WDFY4.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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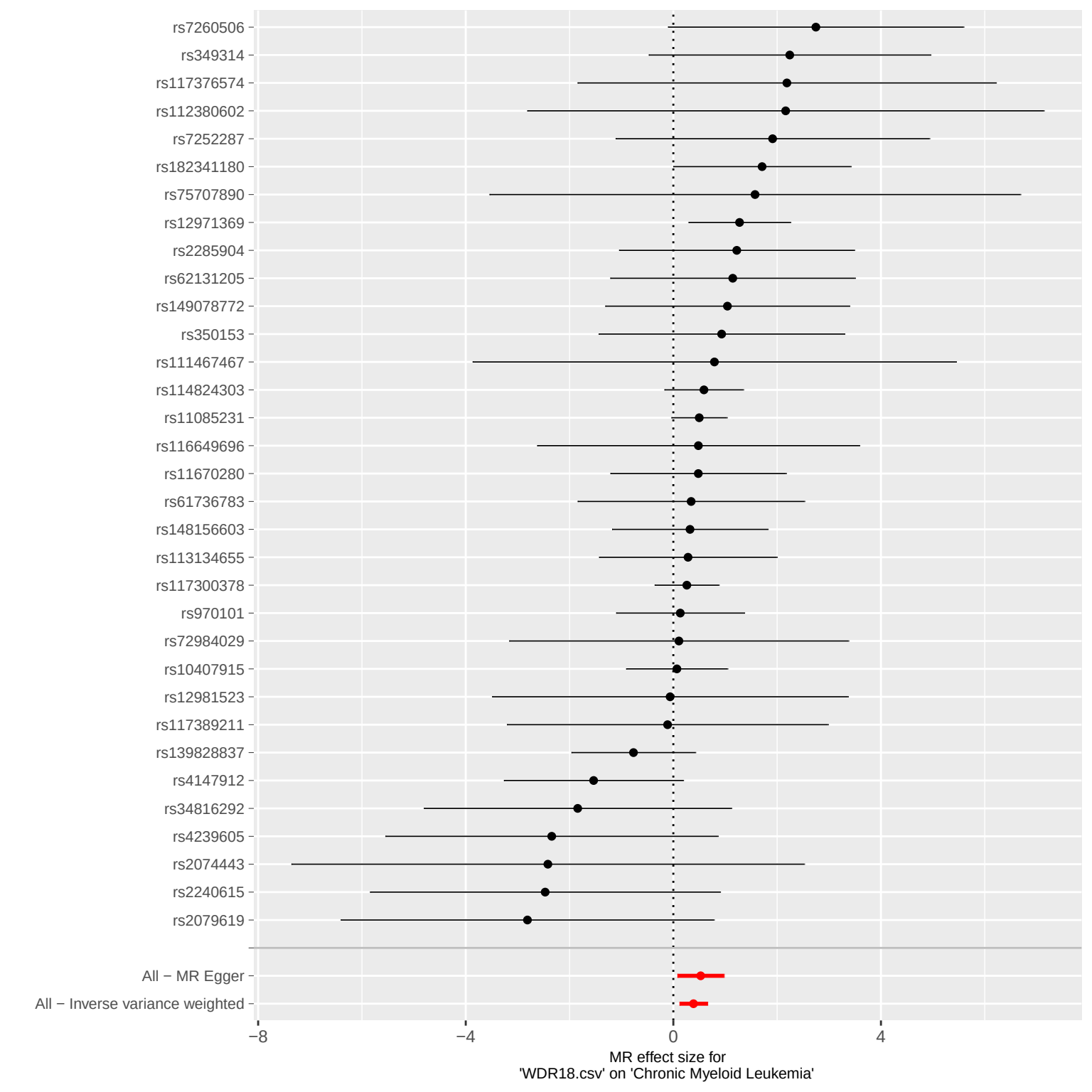
4
MR effect size for
'WDR7.csv' on 'Chronic Myeloid Leukemia'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rs117389211
rs139828837
rs4147912
rs34816292
rs4239605
rs2074443
rs2240615
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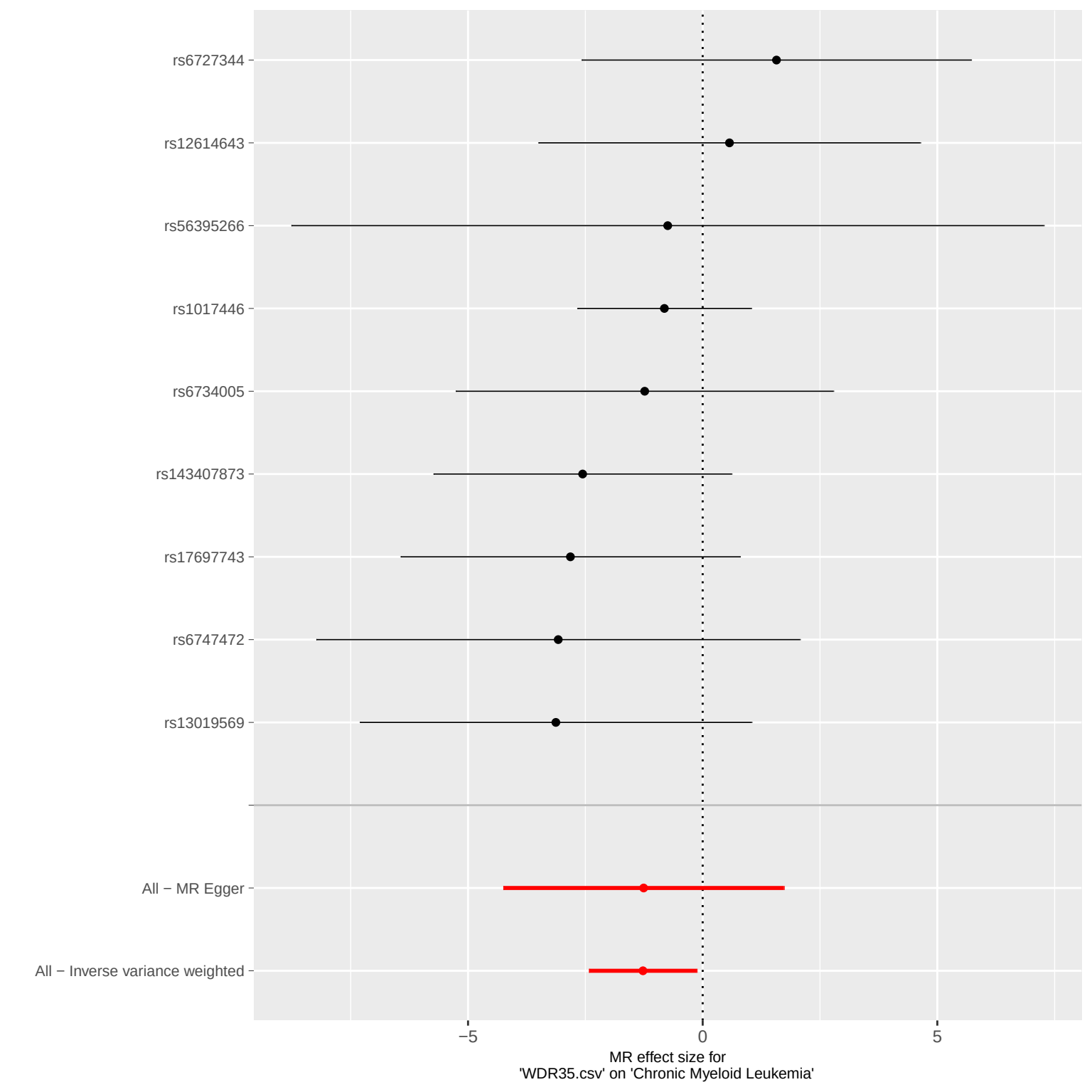
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'WDR18.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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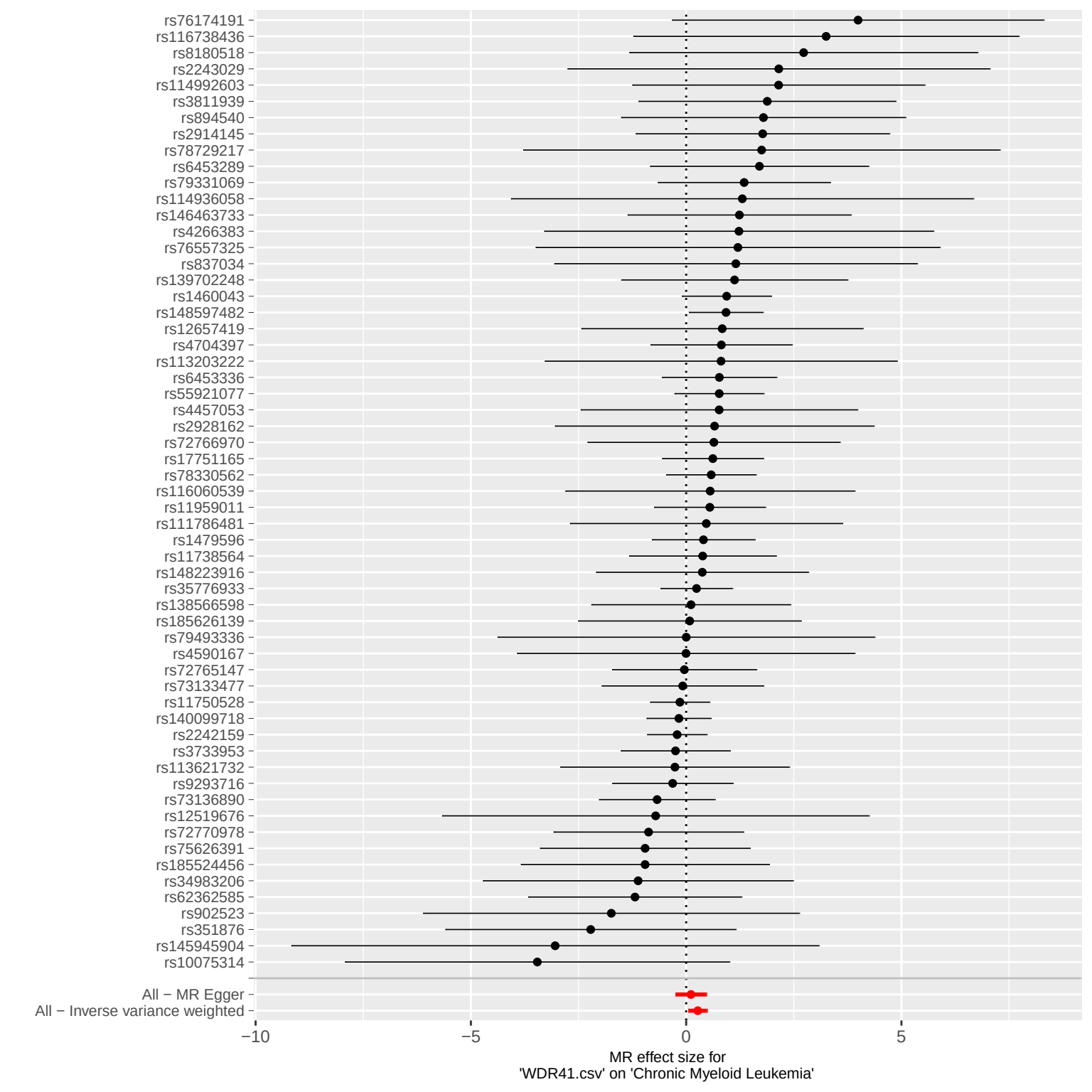
0
5
MR effect size for
'WDR35.csv' on 'Chronic Myeloid Leukemia'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rs11750528
rs140099718
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rs113621732
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rs34983206
rs62362585
rs902523
rs351876
rs145945904
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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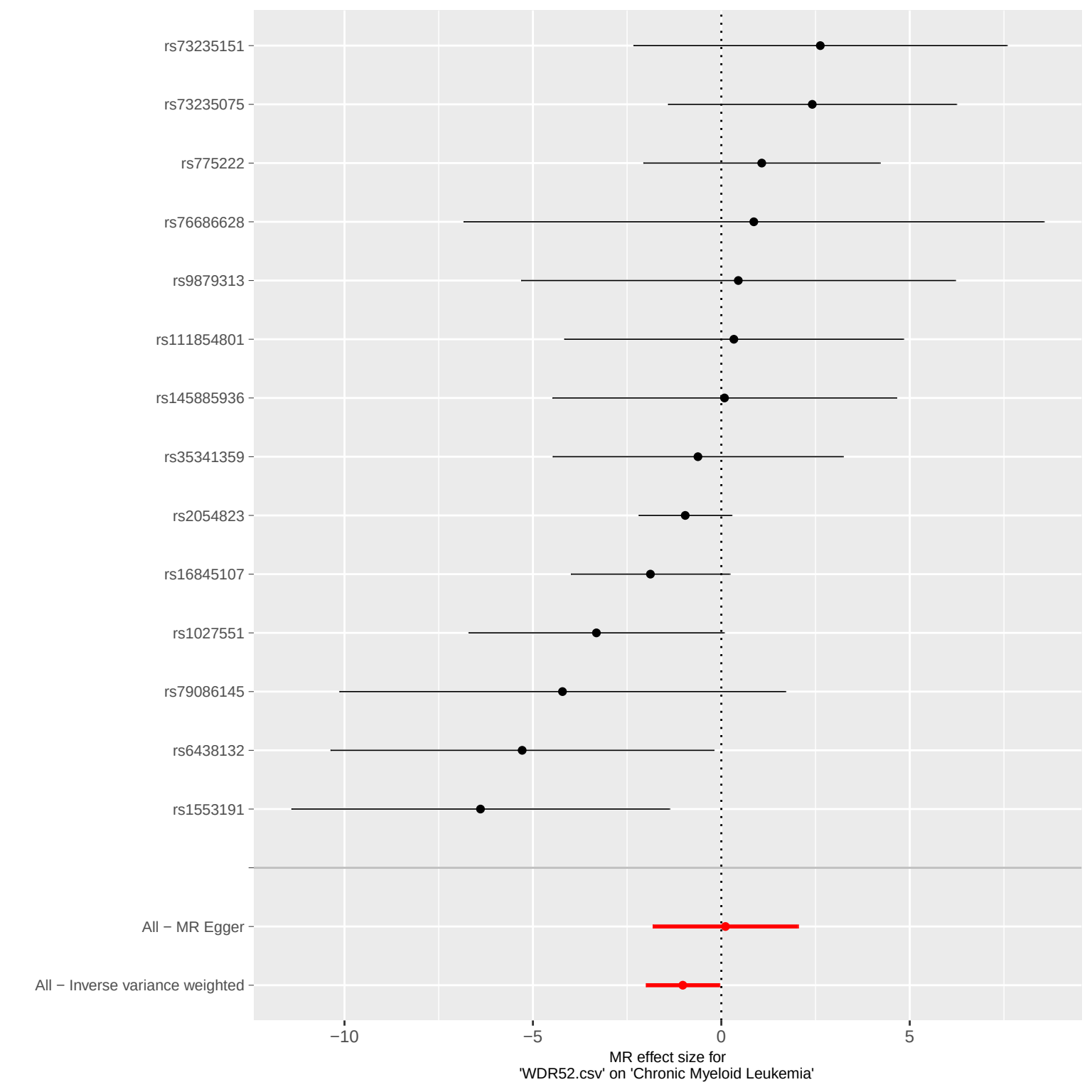
MR effect size for
'WDR41.csv' on 'Chronic Myeloid Leukemia'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rs2054823
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rs1027551
rs79086145
rs6438132
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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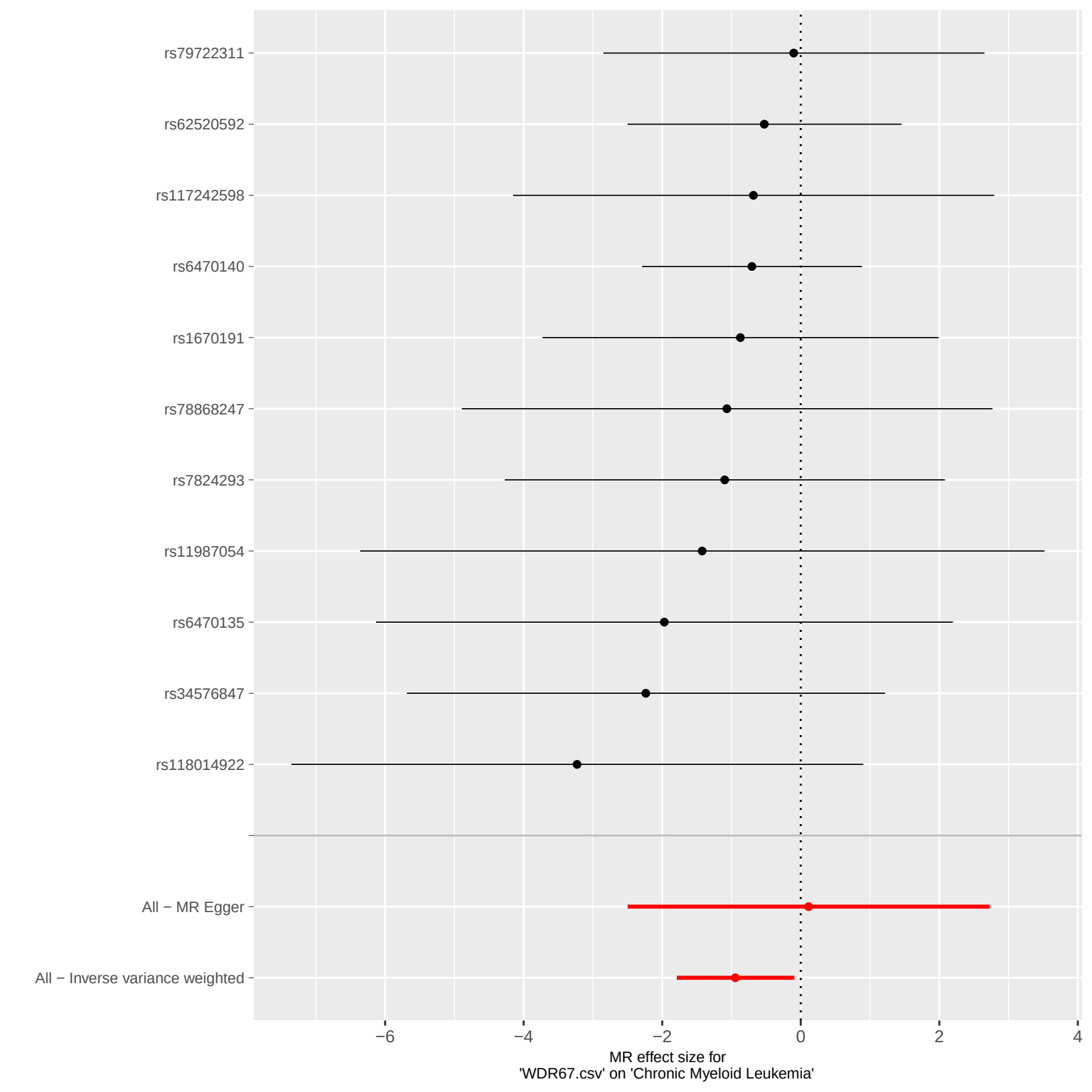
MR effect size for
'WDR52.csv' on 'Chronic Myeloid Leukemia'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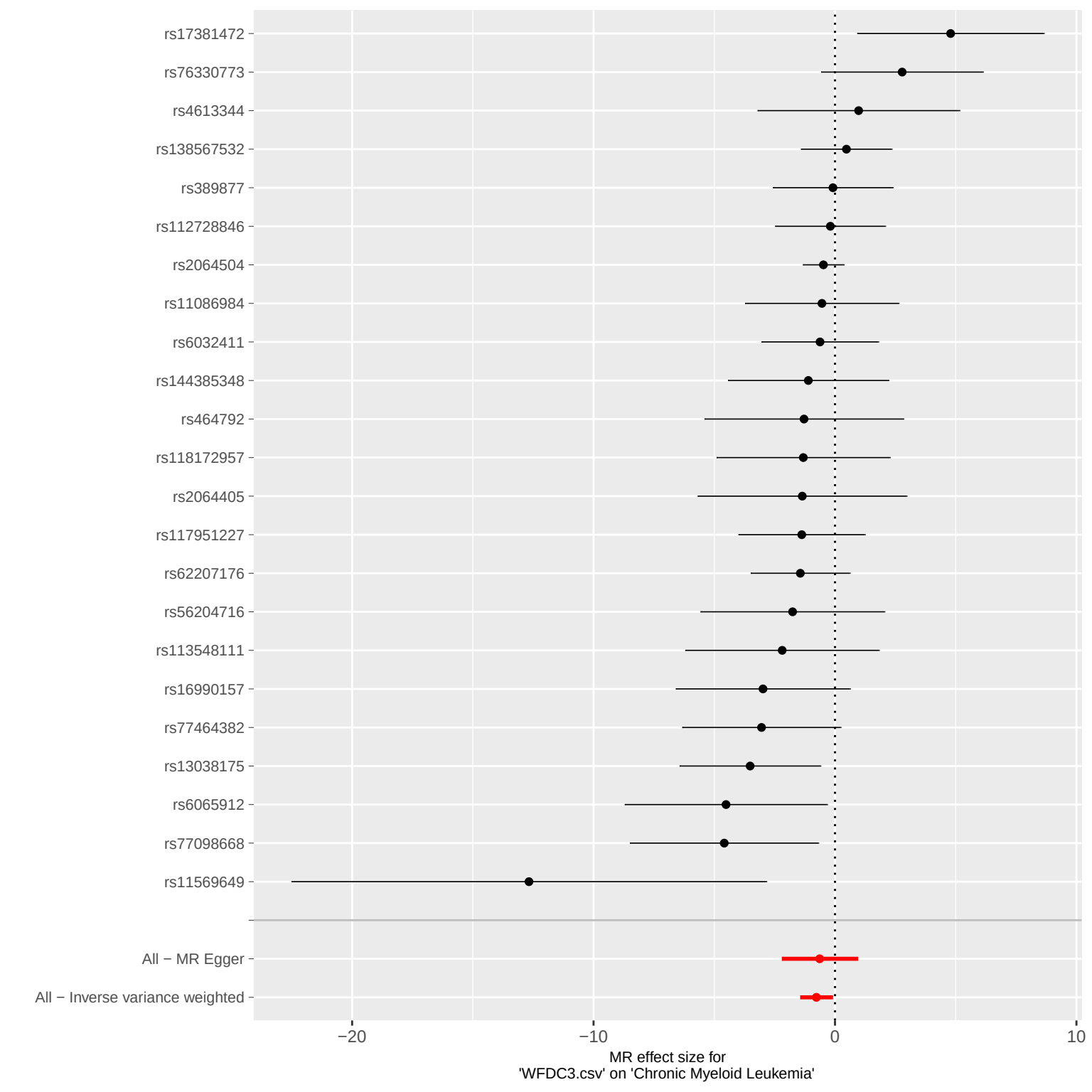
rs78868247
rs7824293
rs11987054
rs6470135
rs34576847
rs118014922
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'WDR67.csv' on 'Chronic Myeloid Leukemia'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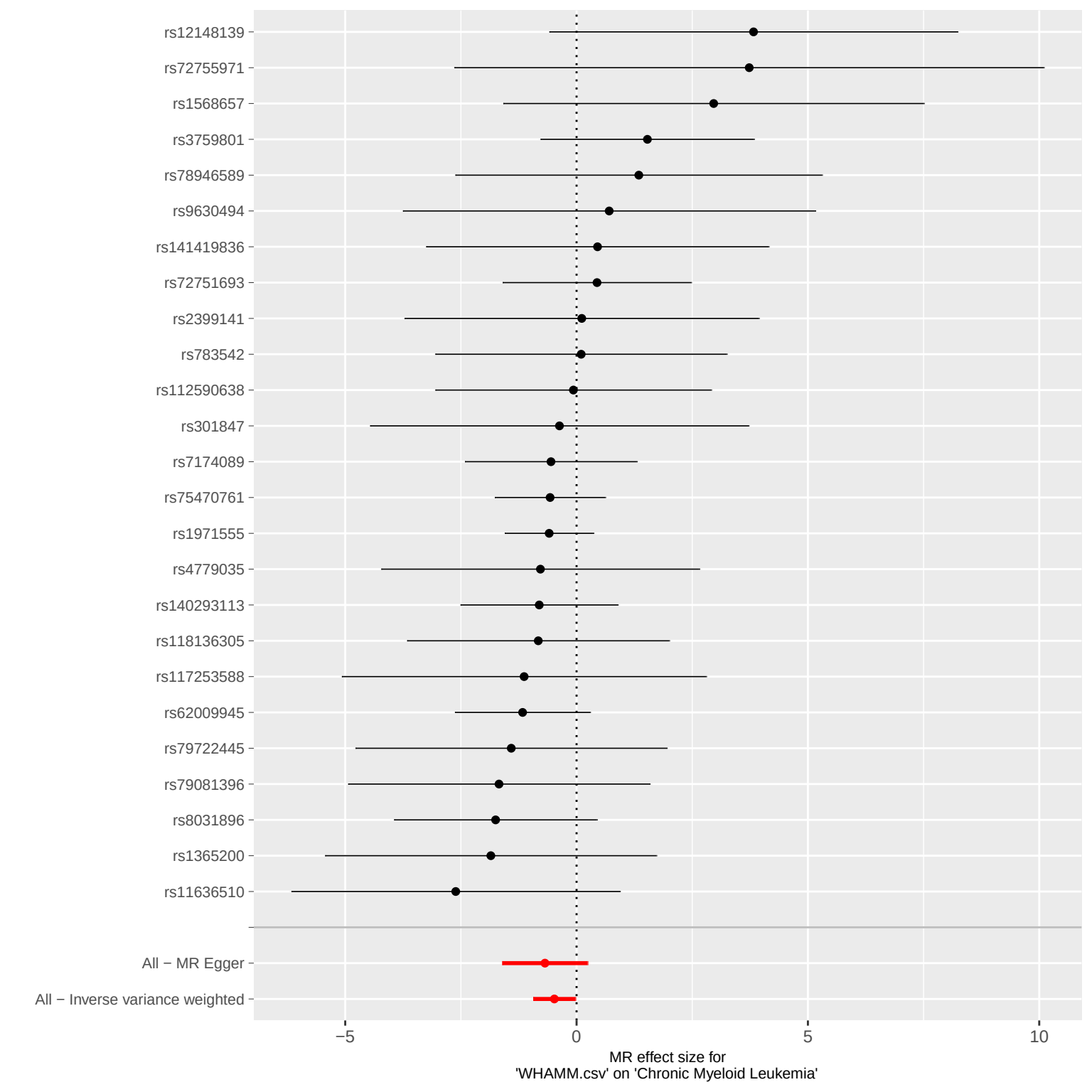
rs464792
rs118172957
rs2064405
rs117951227
rs62207176
rs56204716
rs113548111
rs16990157
rs77464382
rs13038175
rs6065912
rs77098668
rs11569649
All − MR Egger
All − Inverse variance weighted
−20
−10
0
10
MR effect size for
'WFDC3.csv' on 'Chronic Myeloid Leukemia'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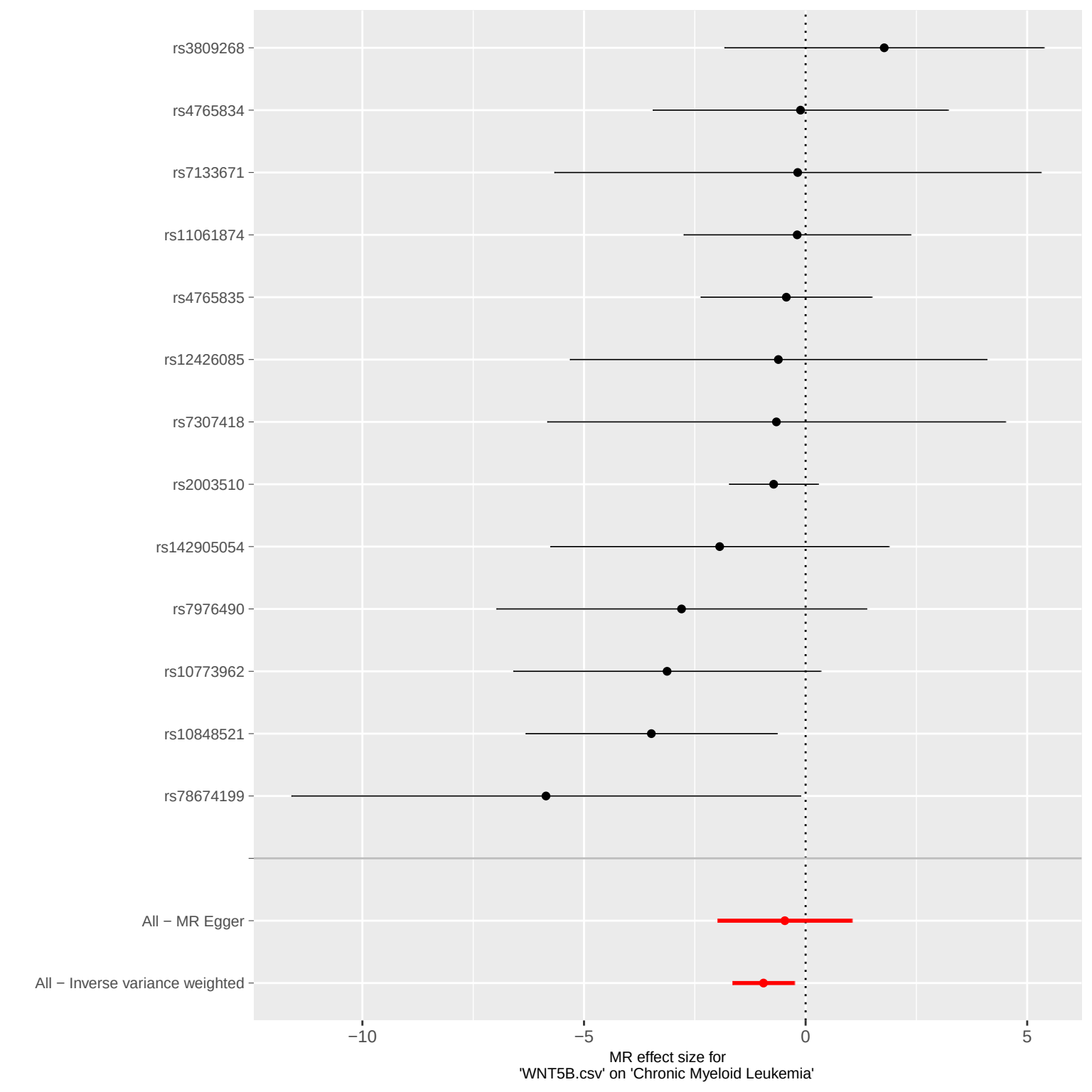
rs301847
rs7174089
rs75470761
rs1971555
rs4779035
rs140293113
rs118136305
rs117253588
rs62009945
rs79722445
rs79081396
rs8031896
rs1365200
rs11636510
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'WHAMM.csv' on 'Chronic Myeloid Leukemia'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rs4765835
rs12426085
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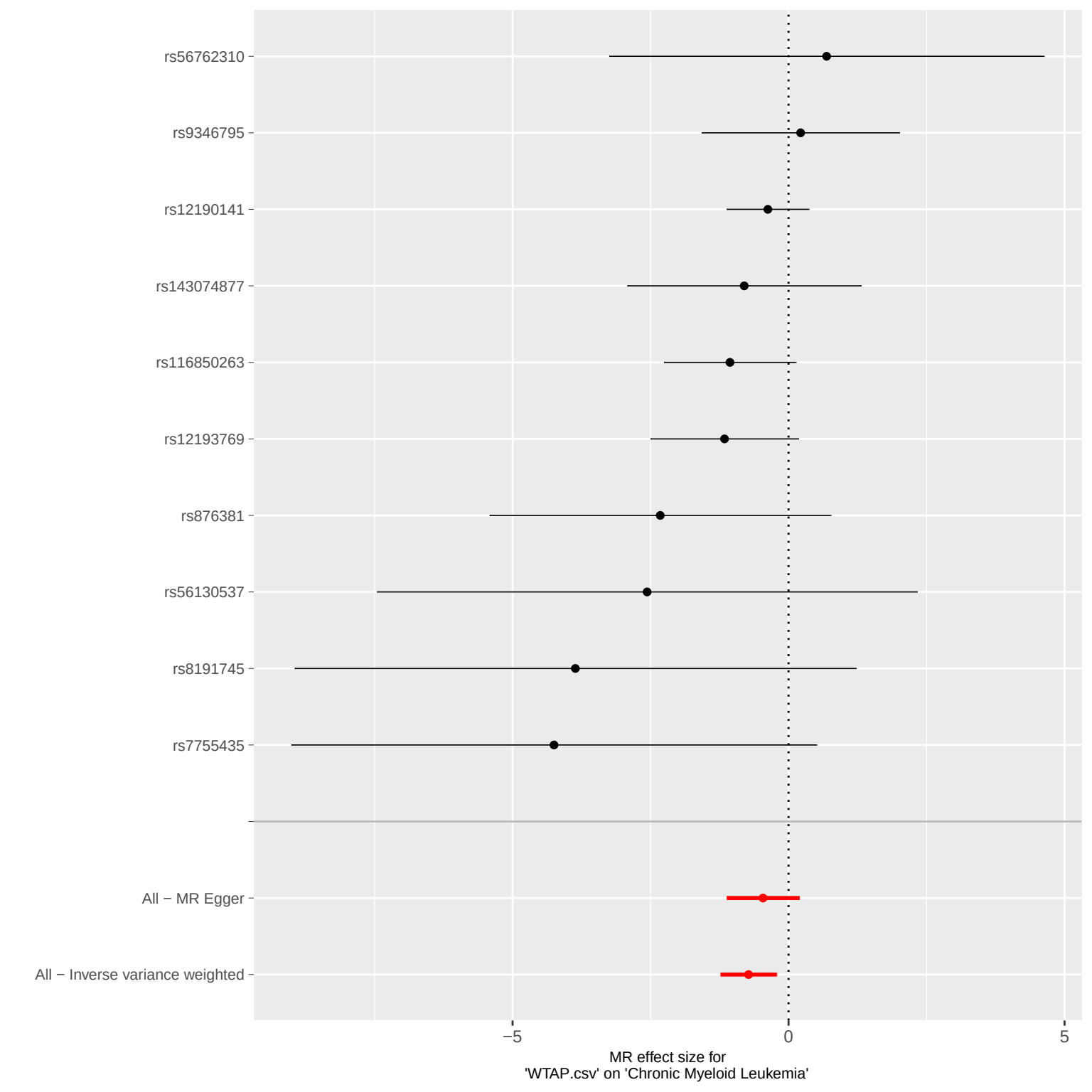
rs142905054
rs7976490
rs10773962
rs10848521
rs78674199
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'WNT5B.csv' on 'Chronic Myeloid Leukemia'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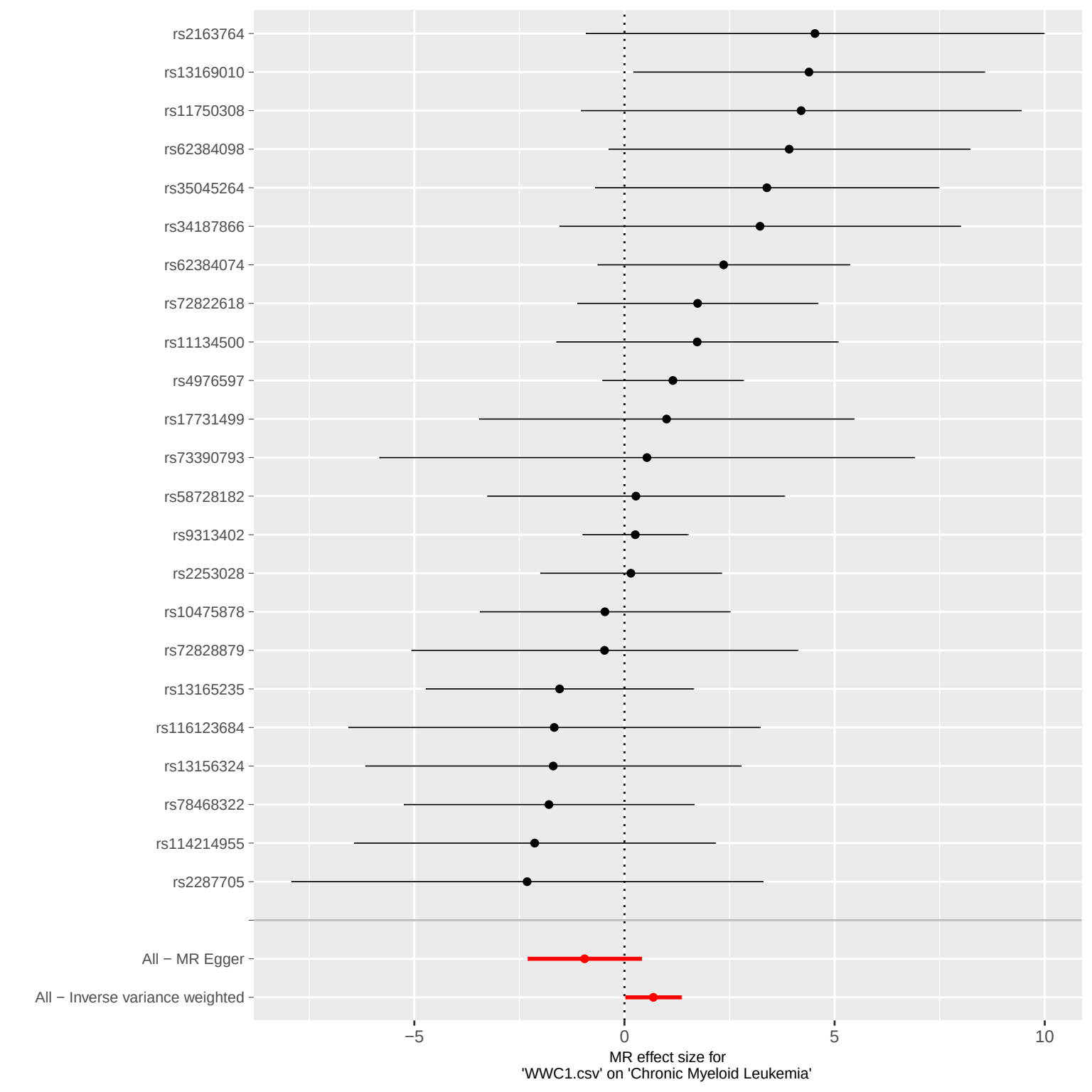
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'WTAP.csv' on 'Chronic Myeloid Leukemia'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rs9313402
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rs13165235
rs116123684
rs13156324
rs78468322
rs114214955
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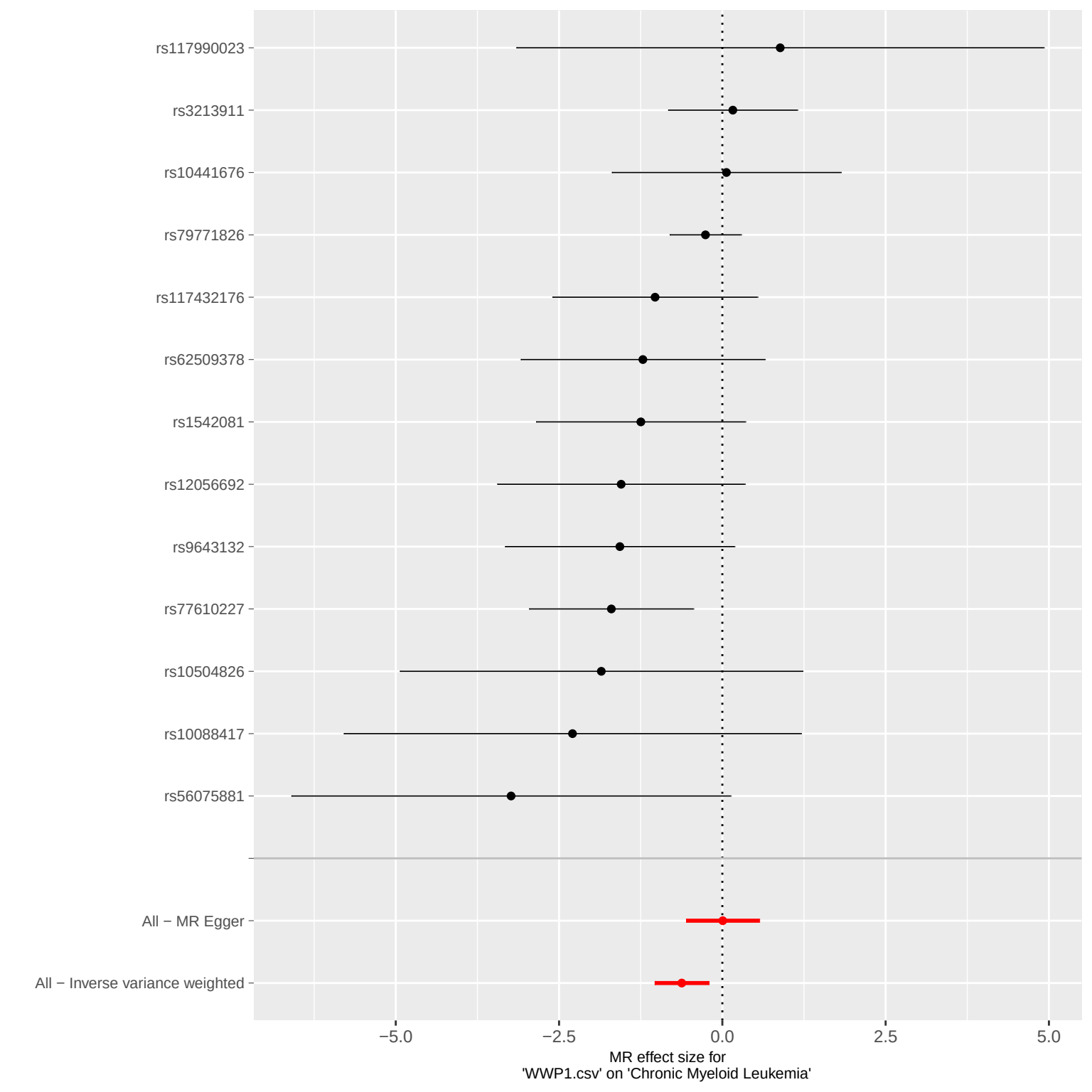
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'WWC1.csv' on 'Chronic Myeloid Leukemia'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rs79771826
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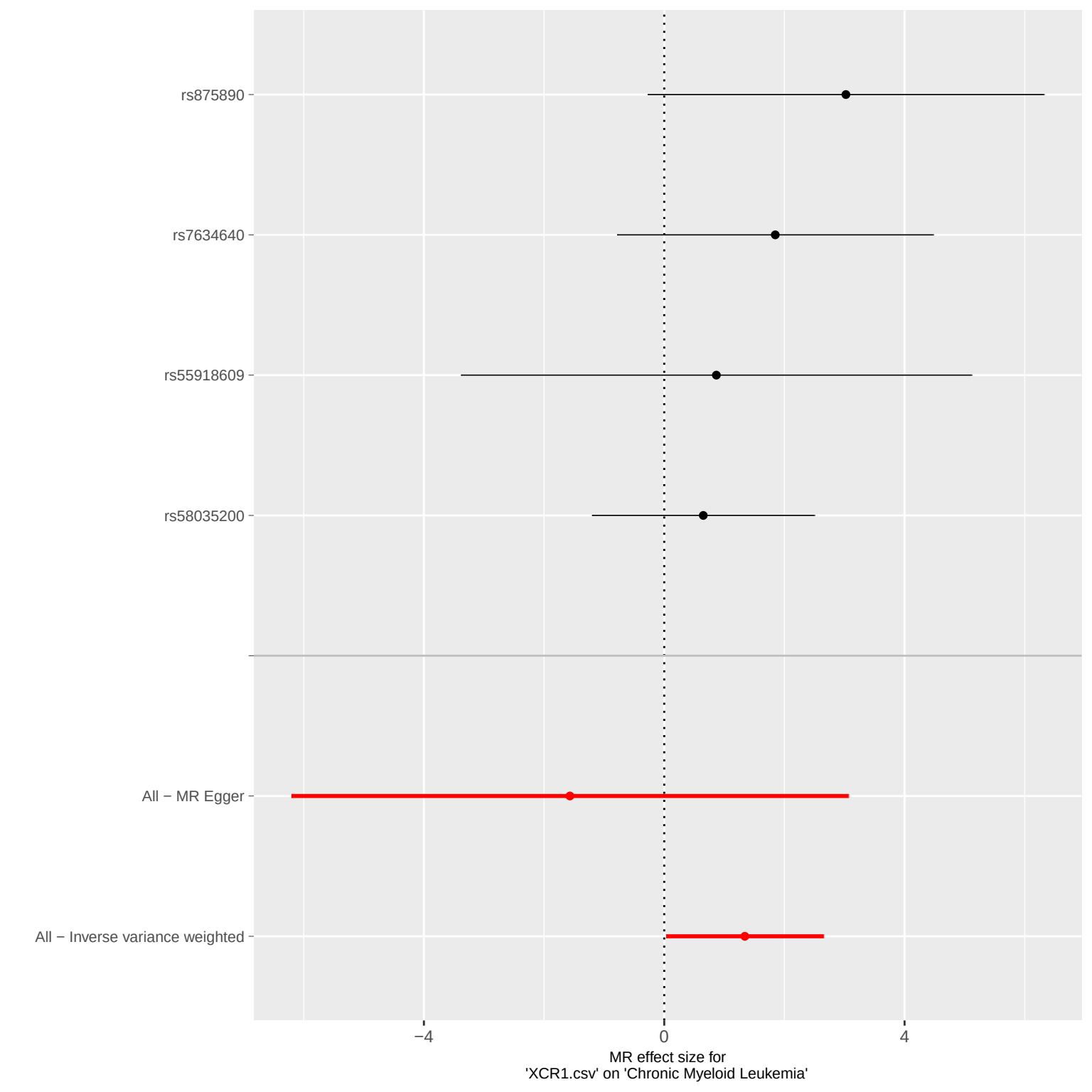
rs62509378
rs1542081
rs12056692
rs9643132
rs77610227
rs10504826
rs10088417
rs56075881
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'WWP1.csv' on 'Chronic Myeloid Leukemia'


rs875890
rs7634640
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All − MR Egger
All − Inverse variance weighted
−4
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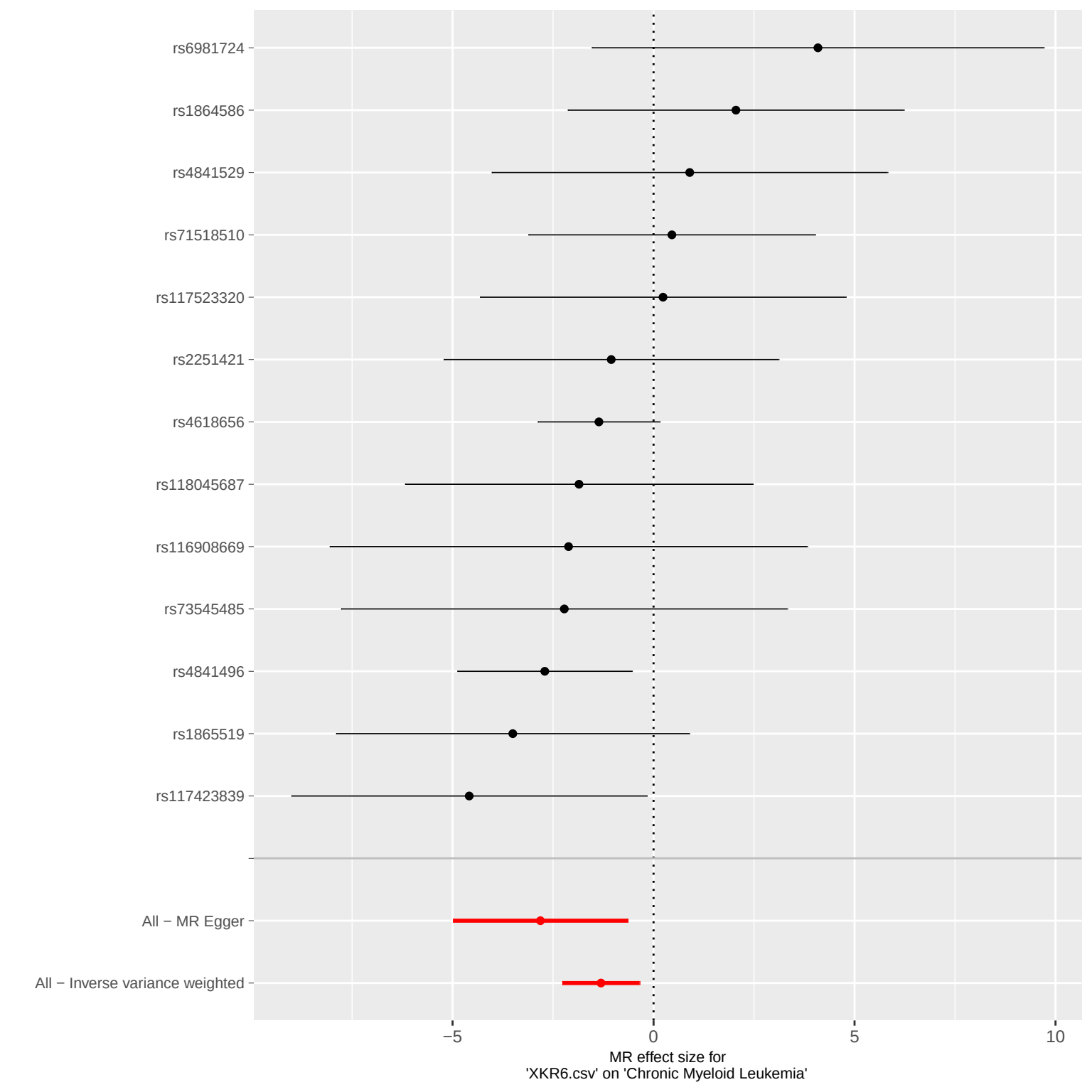
MR effect size for
'XCR1.csv' on 'Chronic Myeloid Leukemia'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rs4841496
rs1865519
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All − MR Egger
All − Inverse variance weighted
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0
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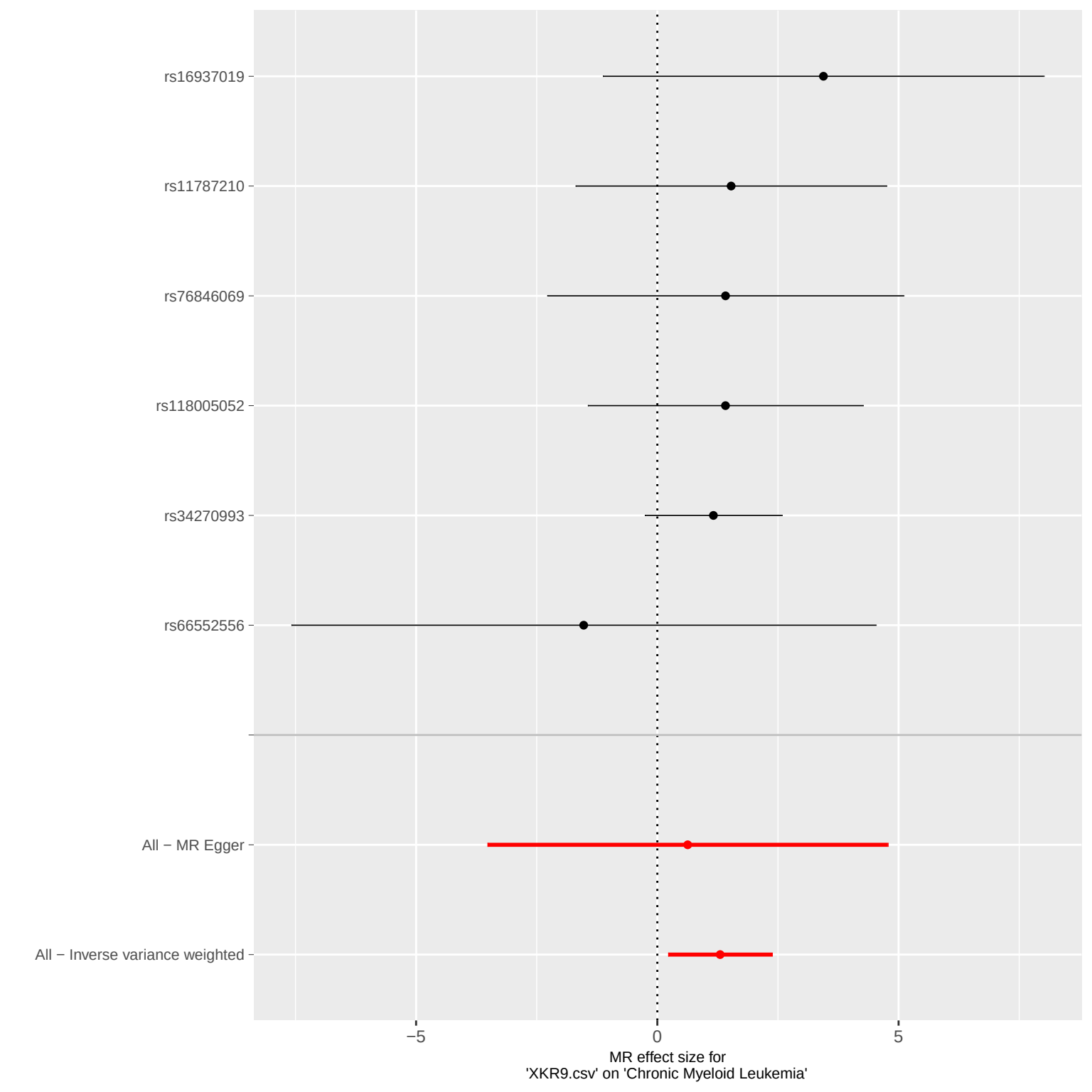
10
MR effect size for
'XKR6.csv' on 'Chronic Myeloid Leukemia'


rs16937019
rs11787210
rs76846069
rs118005052
rs34270993
rs66552556
All − MR Egger
All − Inverse variance weighted
−5
0
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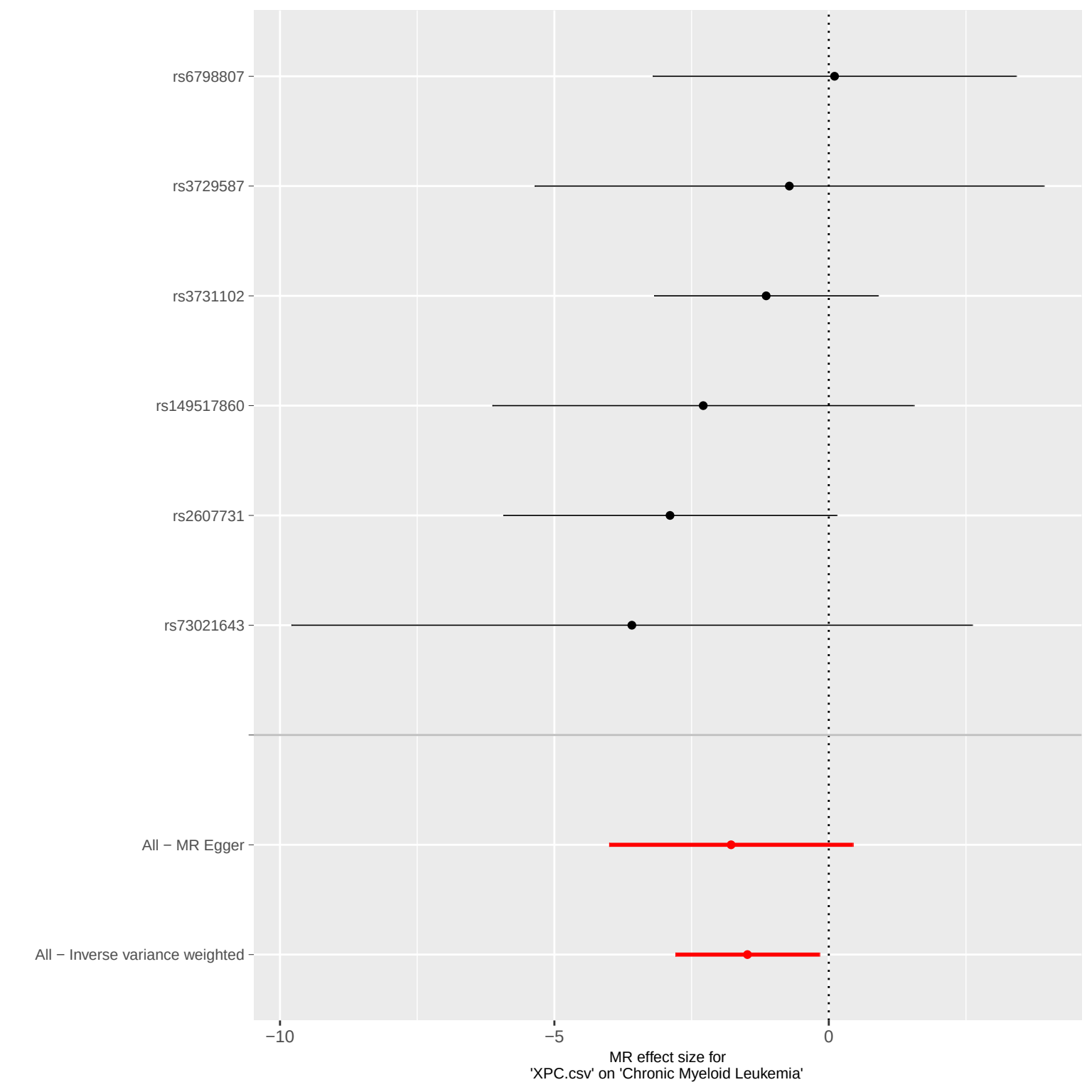
MR effect size for
'XKR9.csv' on 'Chronic Myeloid Leukemia'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rs3731102
rs149517860
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All − MR Egger
All − Inverse variance weighted
−10
−5
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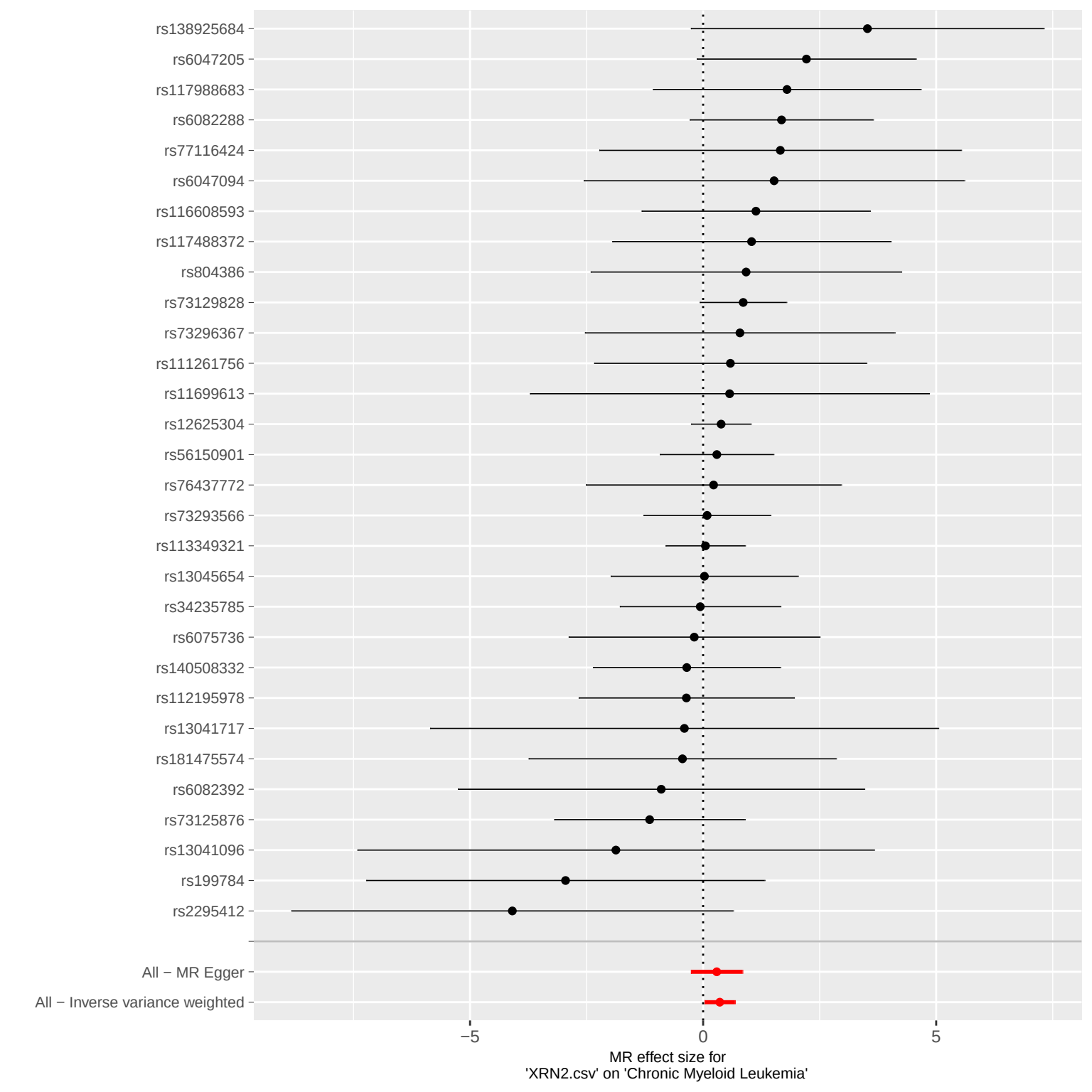
MR effect size for
'XPC.csv' on 'Chronic Myeloid Leukemia'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rs112195978
rs13041717
rs181475574
rs6082392
rs73125876
rs13041096
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All − MR Egger
All − Inverse variance weighted
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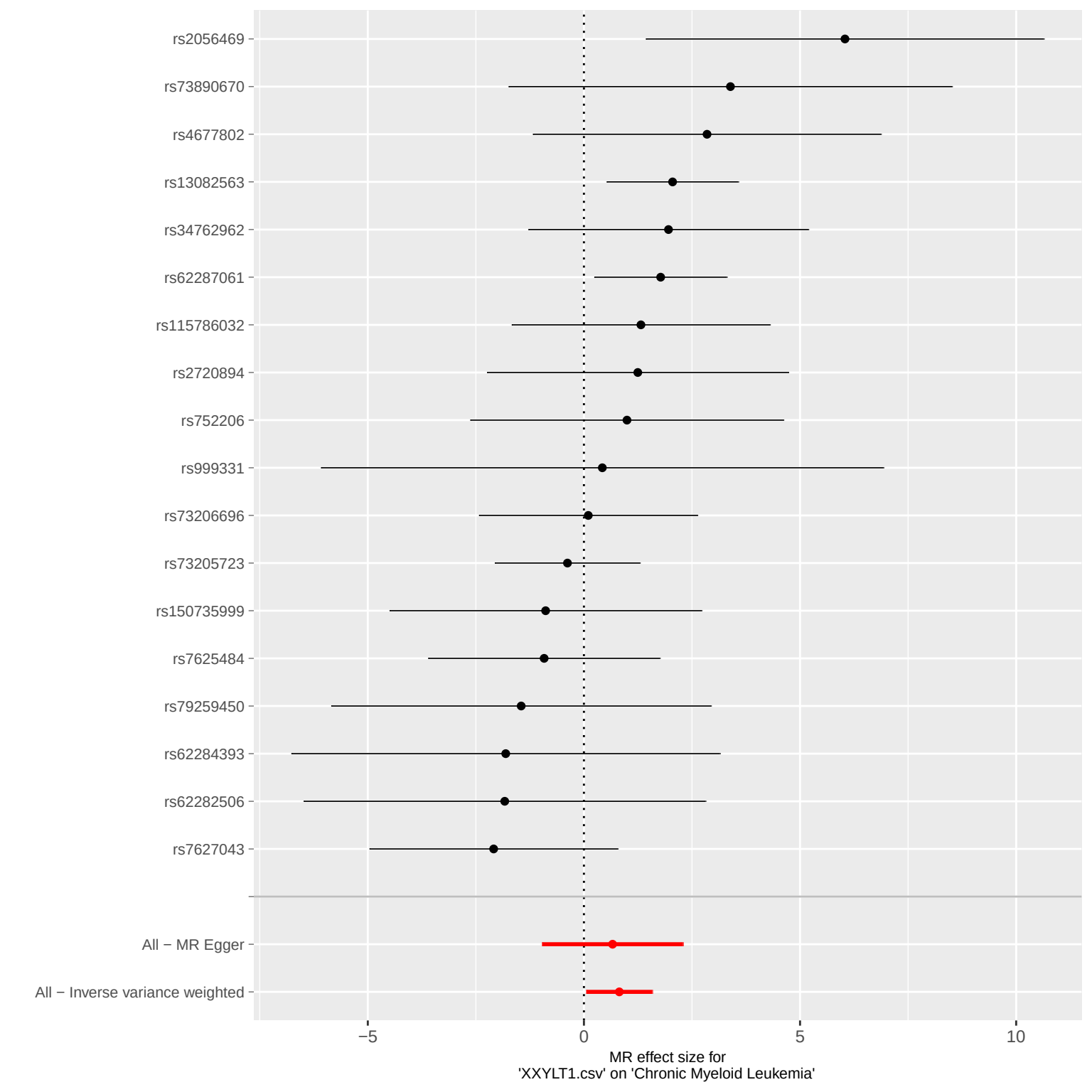
MR effect size for
'XRN2.csv' on 'Chronic Myeloid Leukemia'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rs999331
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rs73205723
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rs7625484
rs79259450
rs62284393
rs62282506
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All − MR Egger
All − Inverse variance weighted
−5
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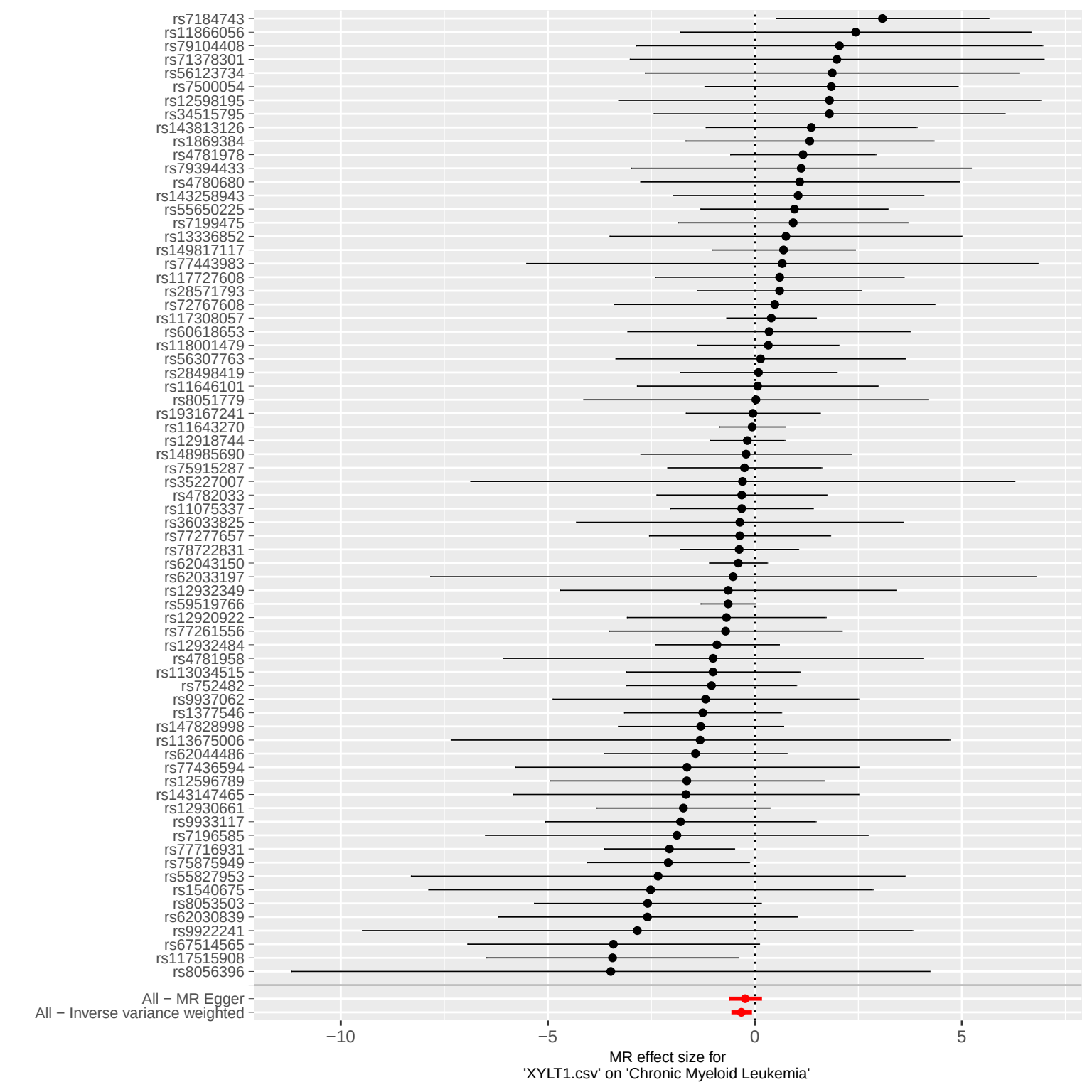
MR effect size for
'XXYLT1.csv' on 'Chronic Myeloid Leukemia'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rs77716931
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rs55827953
rs1540675
rs8053503
rs62030839
rs9922241
rs67514565
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All − MR Egger
All − Inverse variance weighted
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−5
0
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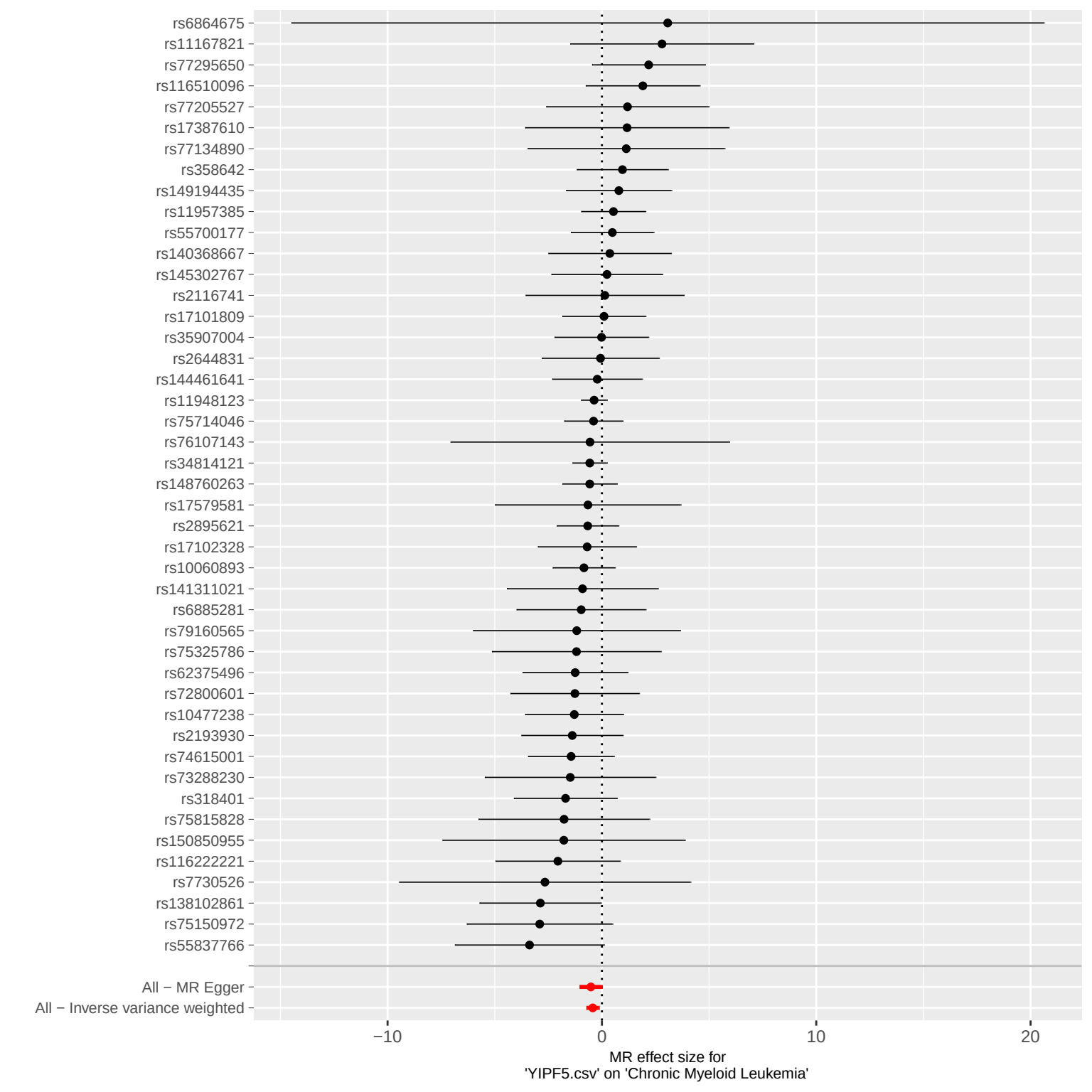
MR effect size for
'XYLT1.csv' on 'Chronic Myeloid Leukemia'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rs10060893
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rs6885281
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rs10477238
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rs74615001
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rs318401
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rs150850955
rs116222221
rs7730526
rs138102861
rs75150972
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All − MR Egger
All − Inverse variance weighted
−10
0
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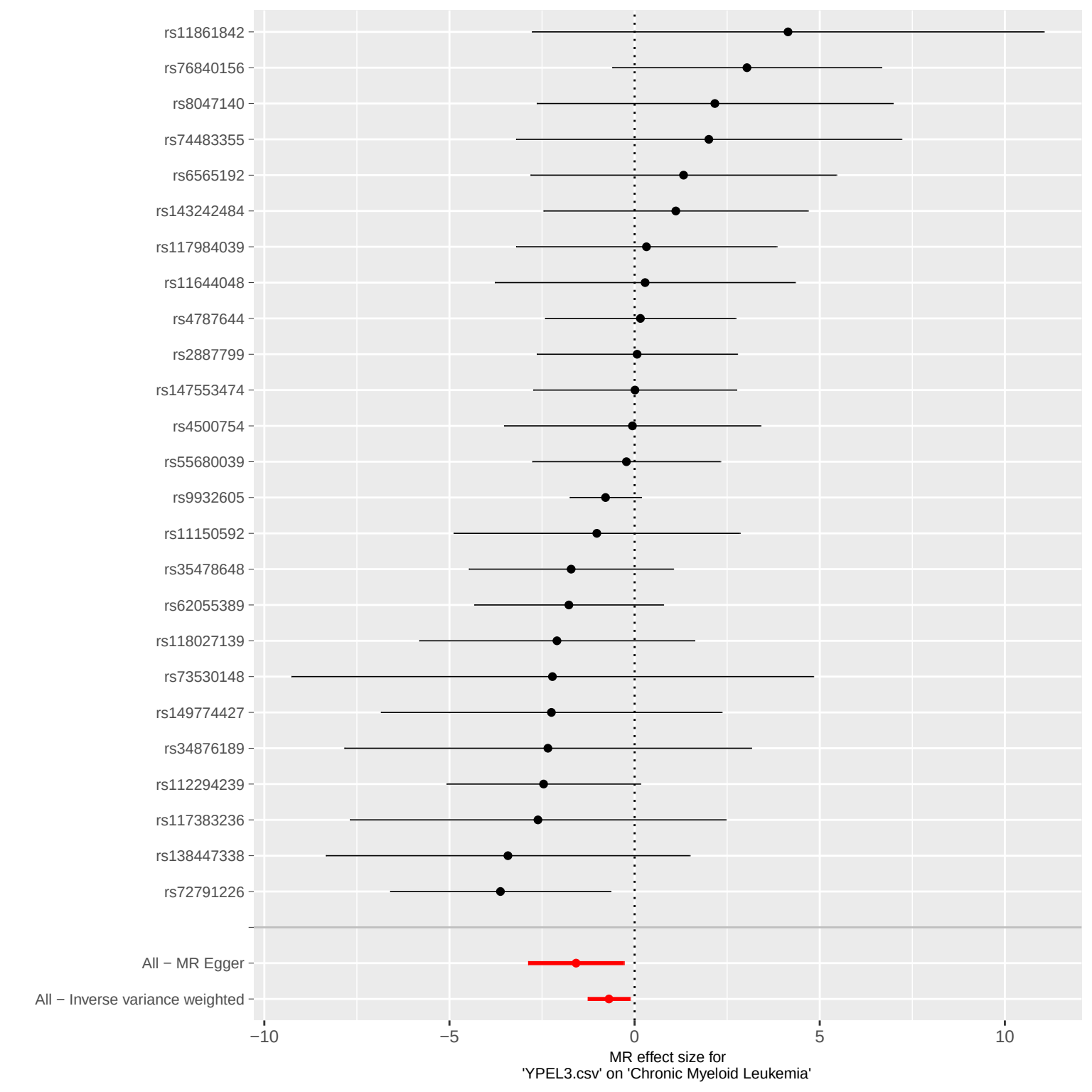
20
MR effect size for
'YIPF5.csv' on 'Chronic Myeloid Leukemia'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rs35478648
rs62055389
rs118027139
rs73530148
rs149774427
rs34876189
rs112294239
rs117383236
rs138447338
rs72791226
All − MR Egger
All − Inverse variance weighted
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−5
0
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10
MR effect size for
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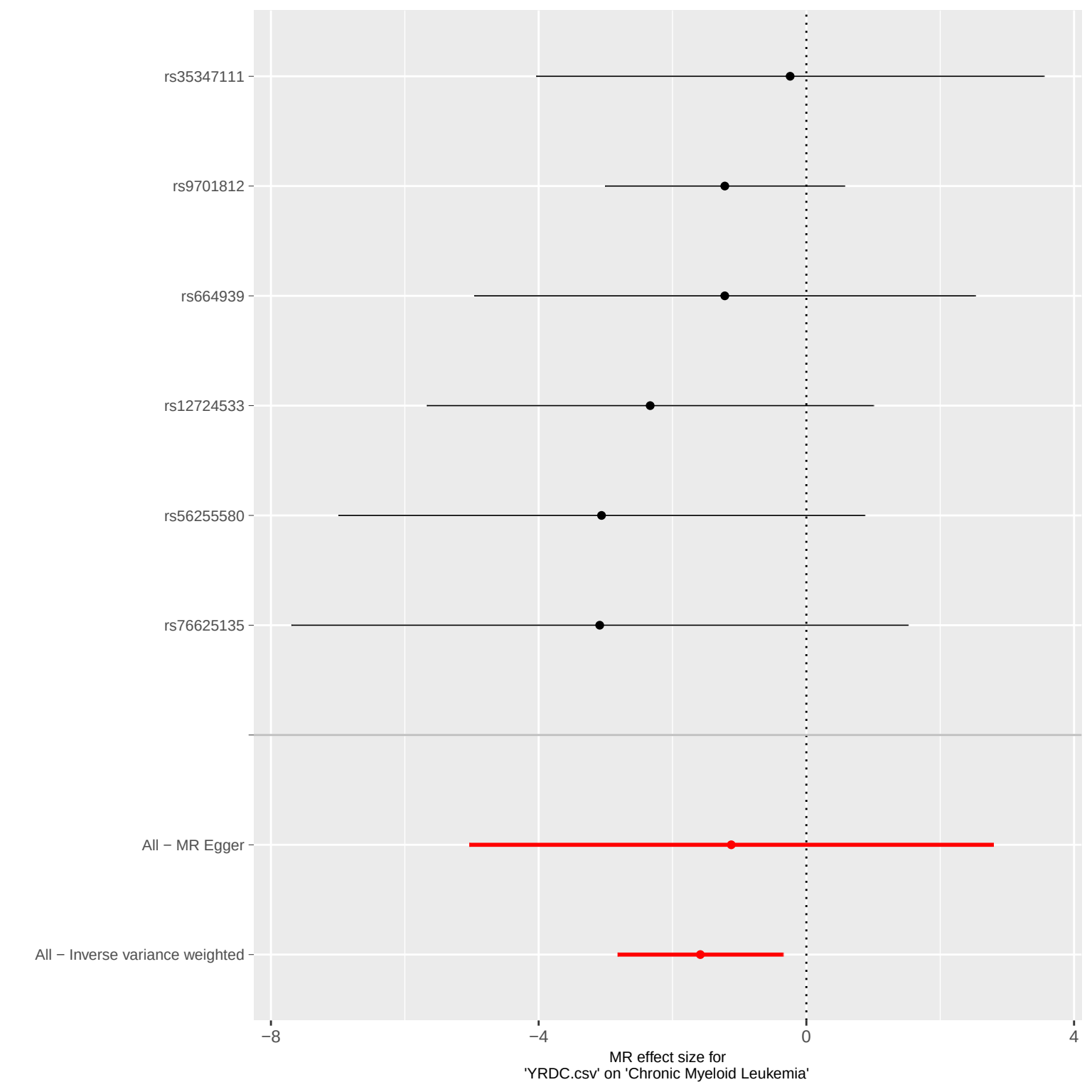
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rs664939
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rs56255580
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All − MR Egger
All − Inverse variance weighted
−8
−4
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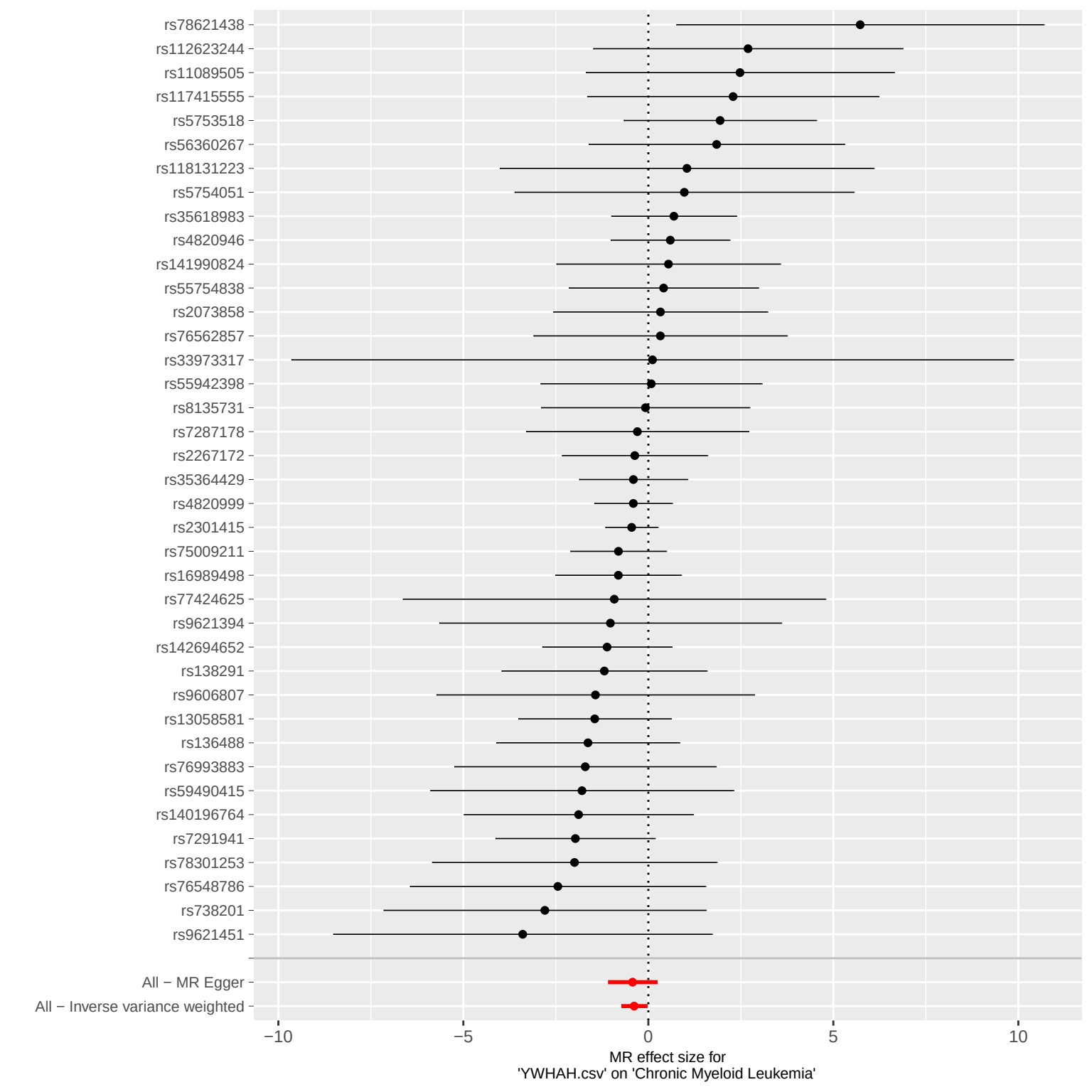
4
MR effect size for
'YRDC.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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5
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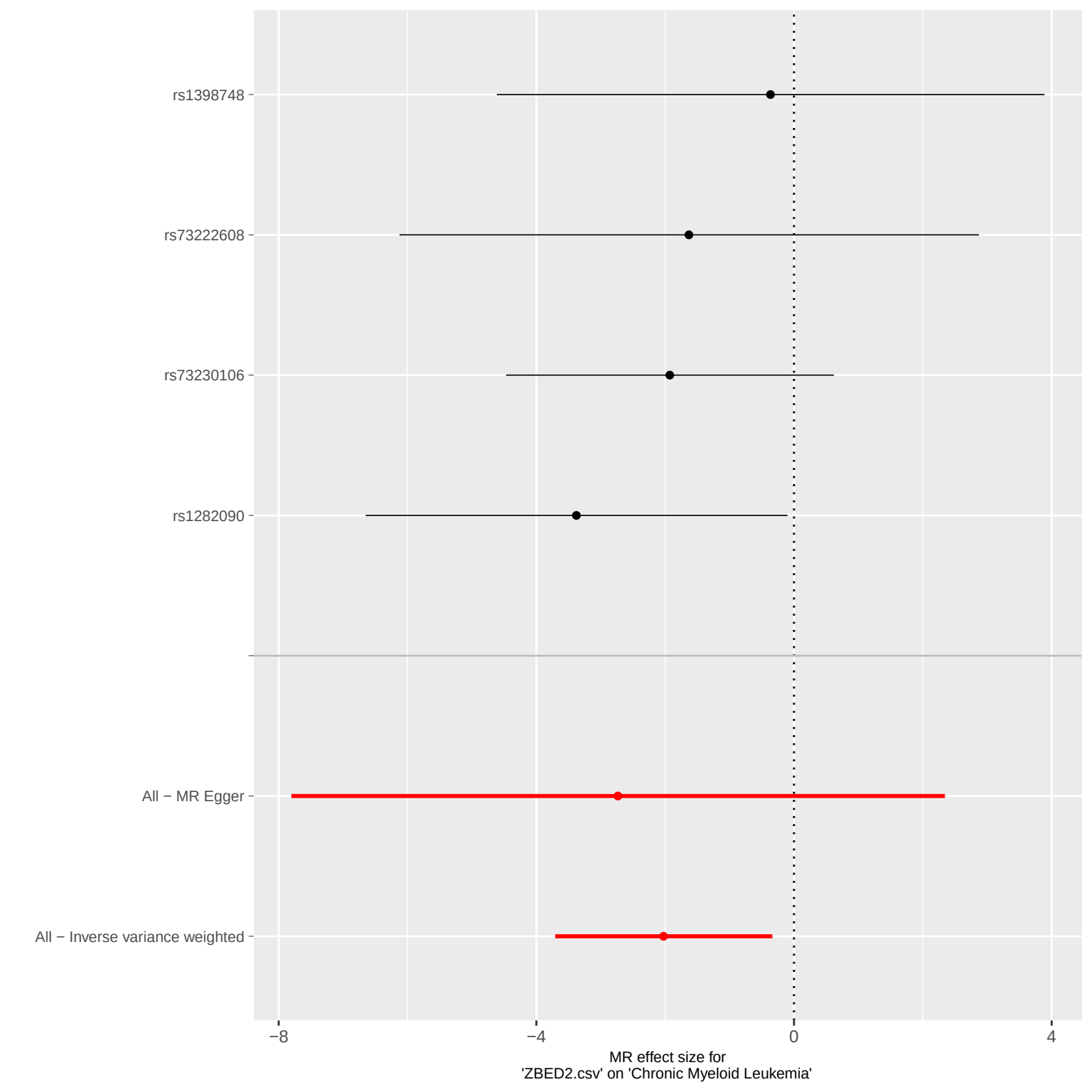
MR effect size for
'YWHAH.csv' on 'Chronic Myeloid Leukemia'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rs73222608
rs73230106
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All − MR Egger
All − Inverse variance weighted
−8
−4
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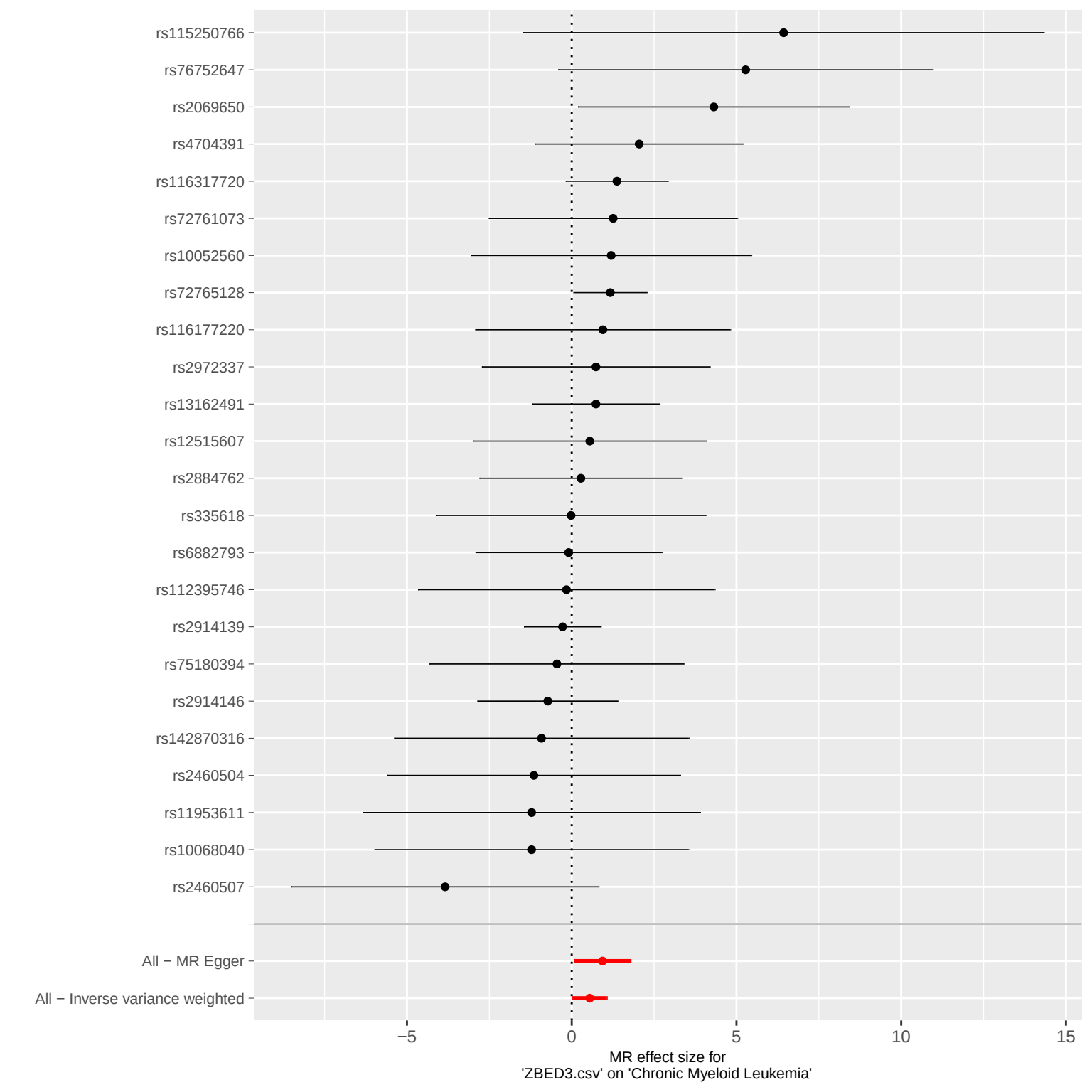
4
MR effect size for
'ZBED2.csv' on 'Chronic Myeloid Leukemia'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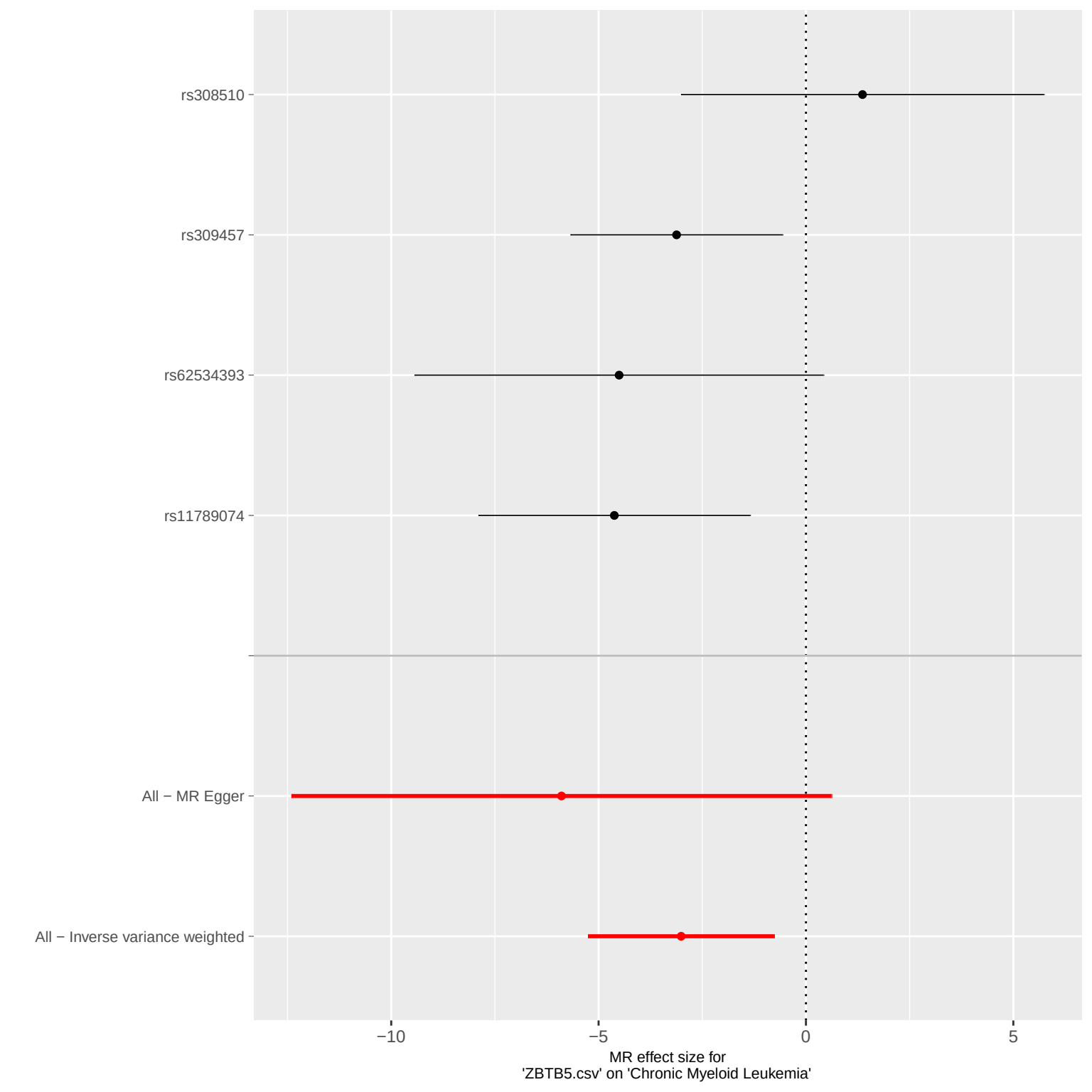
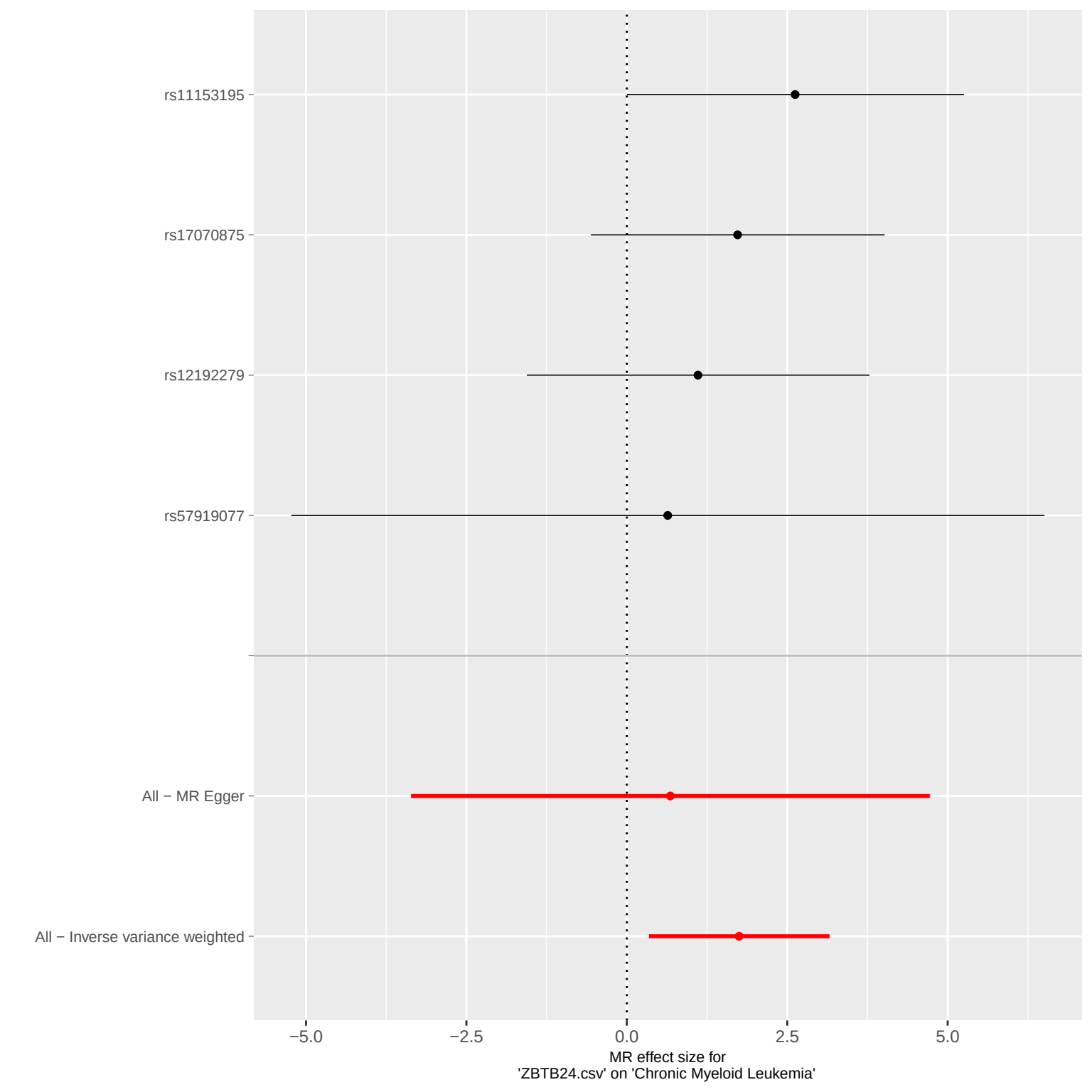
rs12515607
rs2884762
rs335618
rs6882793
rs112395746
rs2914139
rs75180394
rs2914146
rs142870316
rs2460504
rs11953611
rs10068040
rs2460507
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'ZBED3.csv' on 'Chronic Myeloid Leukemia'


rs308510
rs309457
rs62534393
rs11789074
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZBTB5.csv' on 'Chronic Myeloid Leukemia'


rs11153195
rs17070875
rs12192279
rs57919077
All − MR Egger
All − Inverse variance weighted
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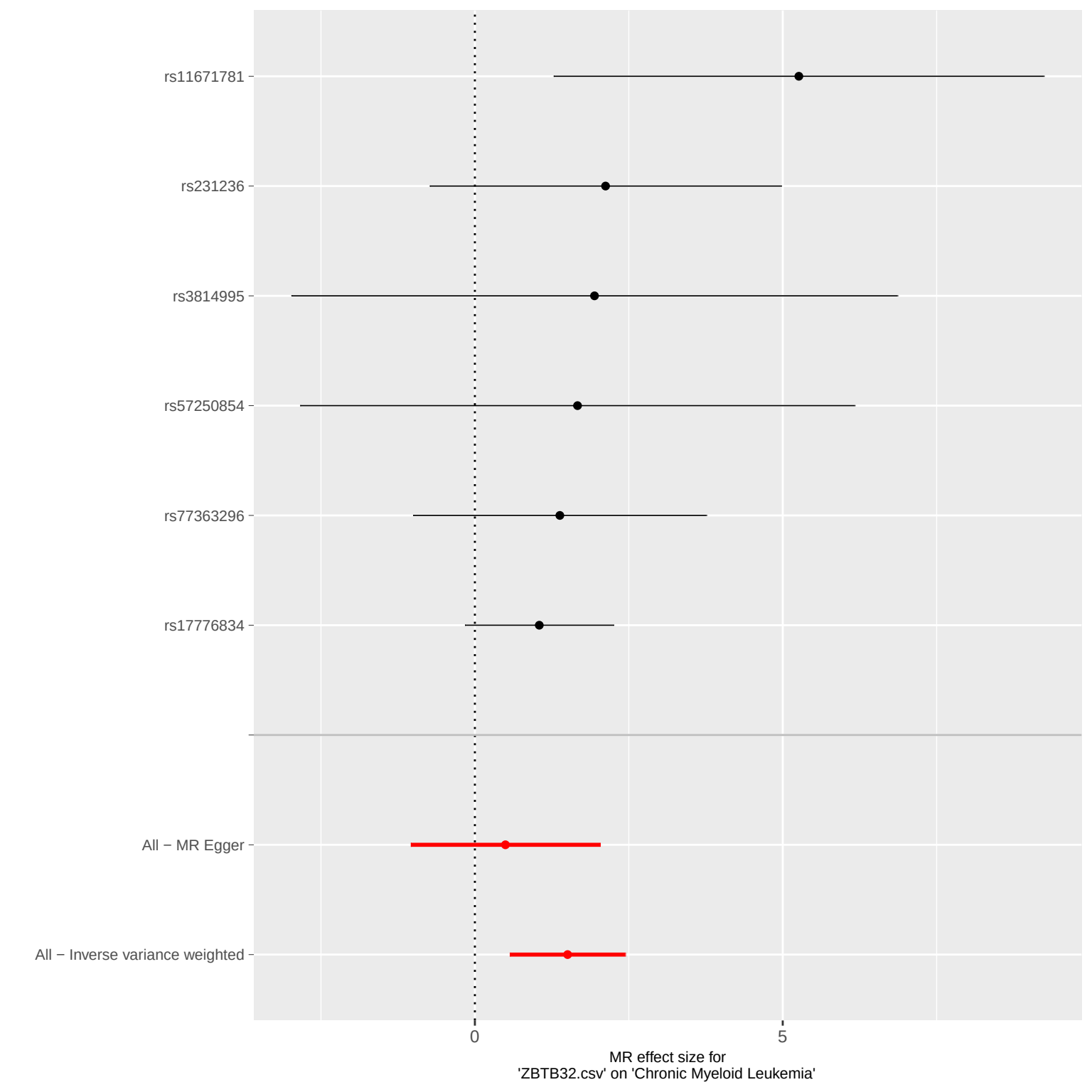
−2.5
0.0
2.5
5.0
MR effect size for
'ZBTB24.csv' on 'Chronic Myeloid Leukemia'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rs3814995
rs57250854
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All − MR Egger
All − Inverse variance weighted
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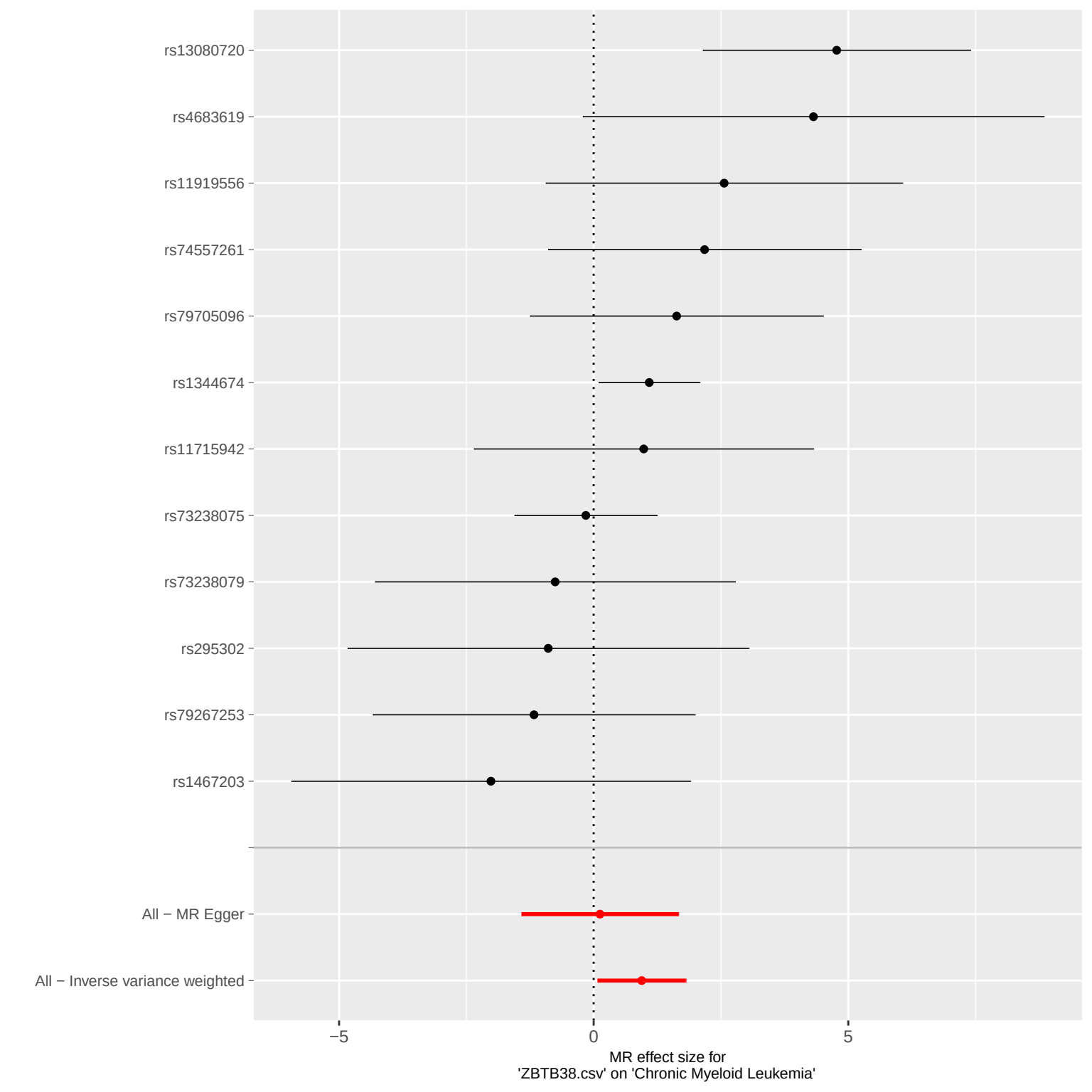
MR effect size for
'ZBTB32.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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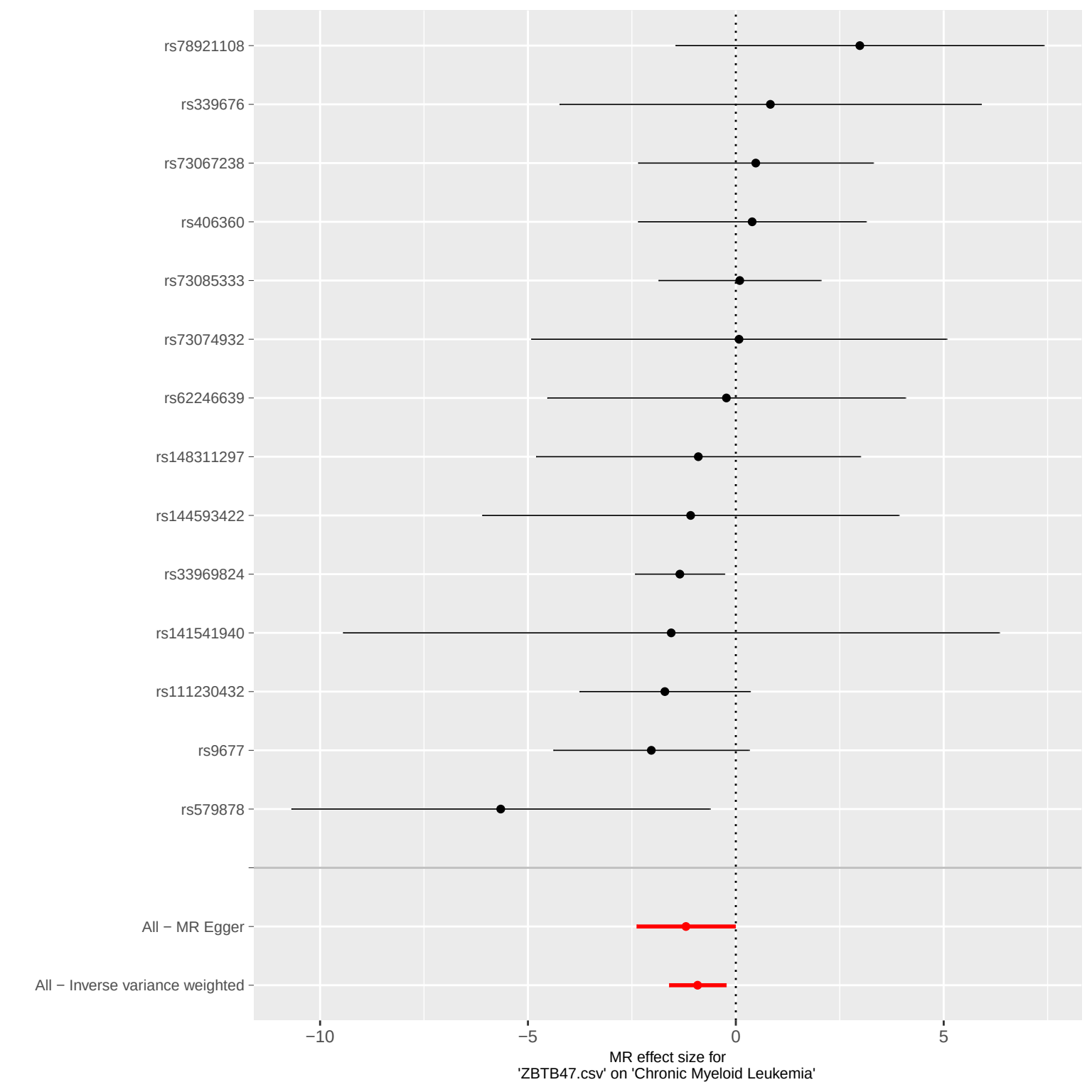
5
MR effect size for
'ZBTB38.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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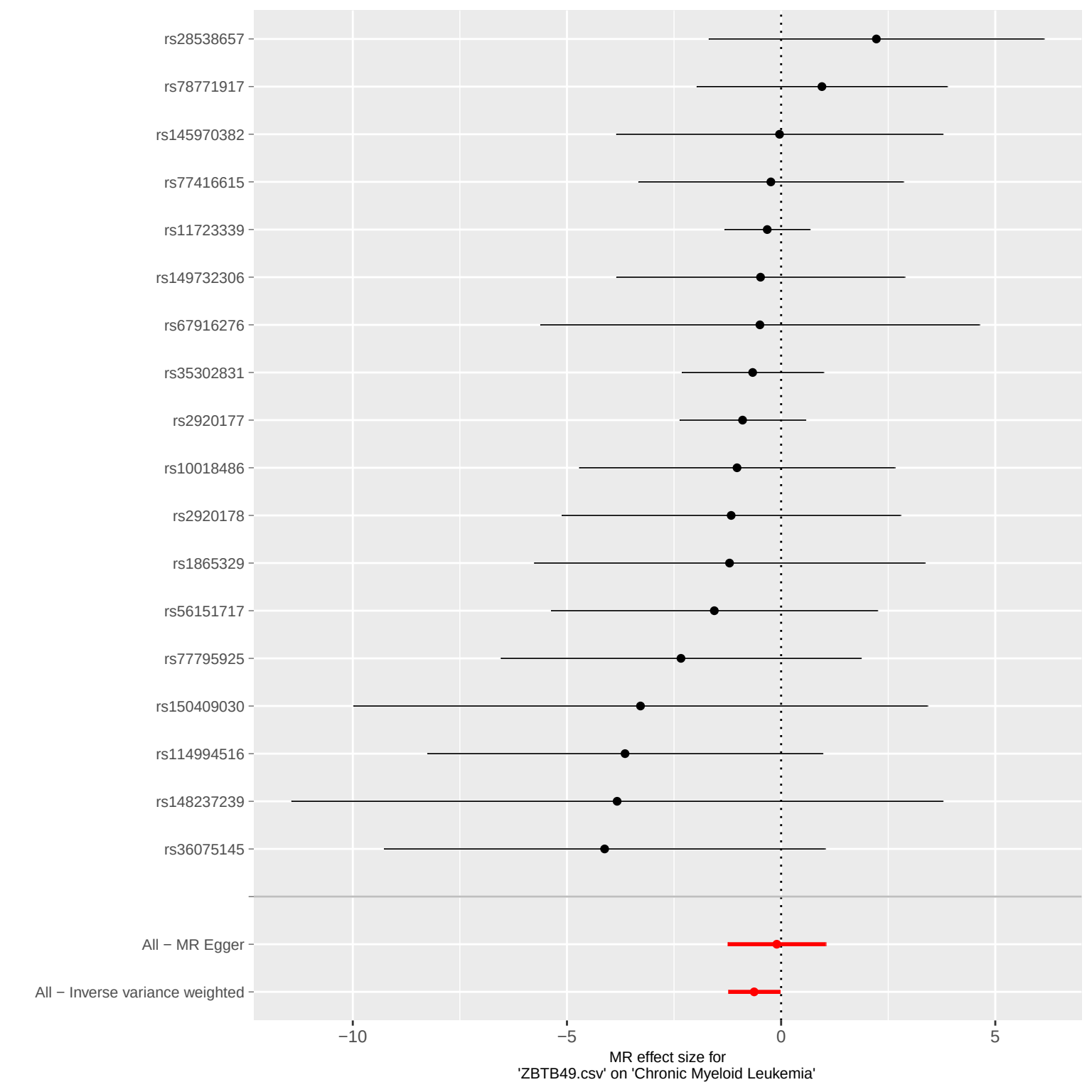
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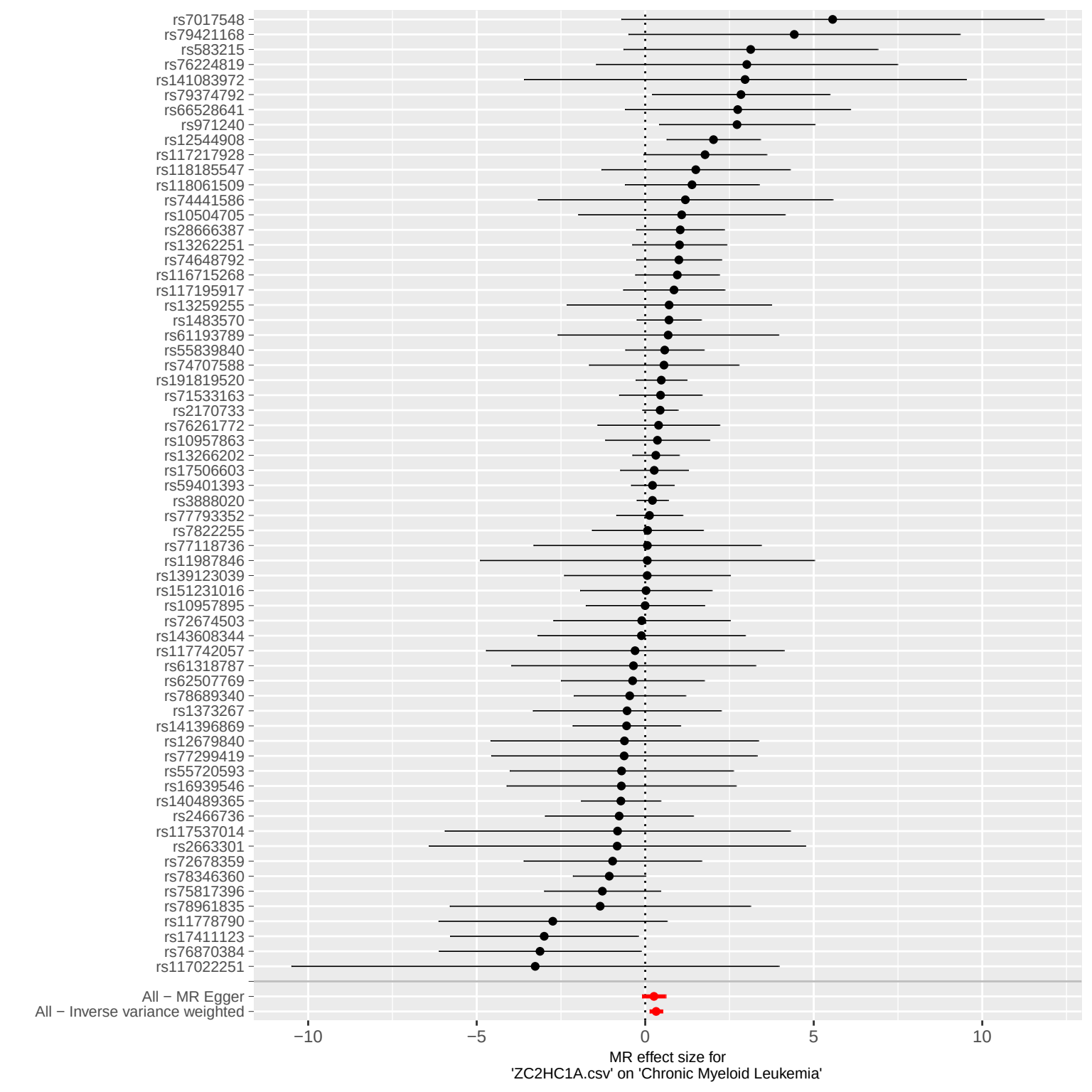
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MR effect size for
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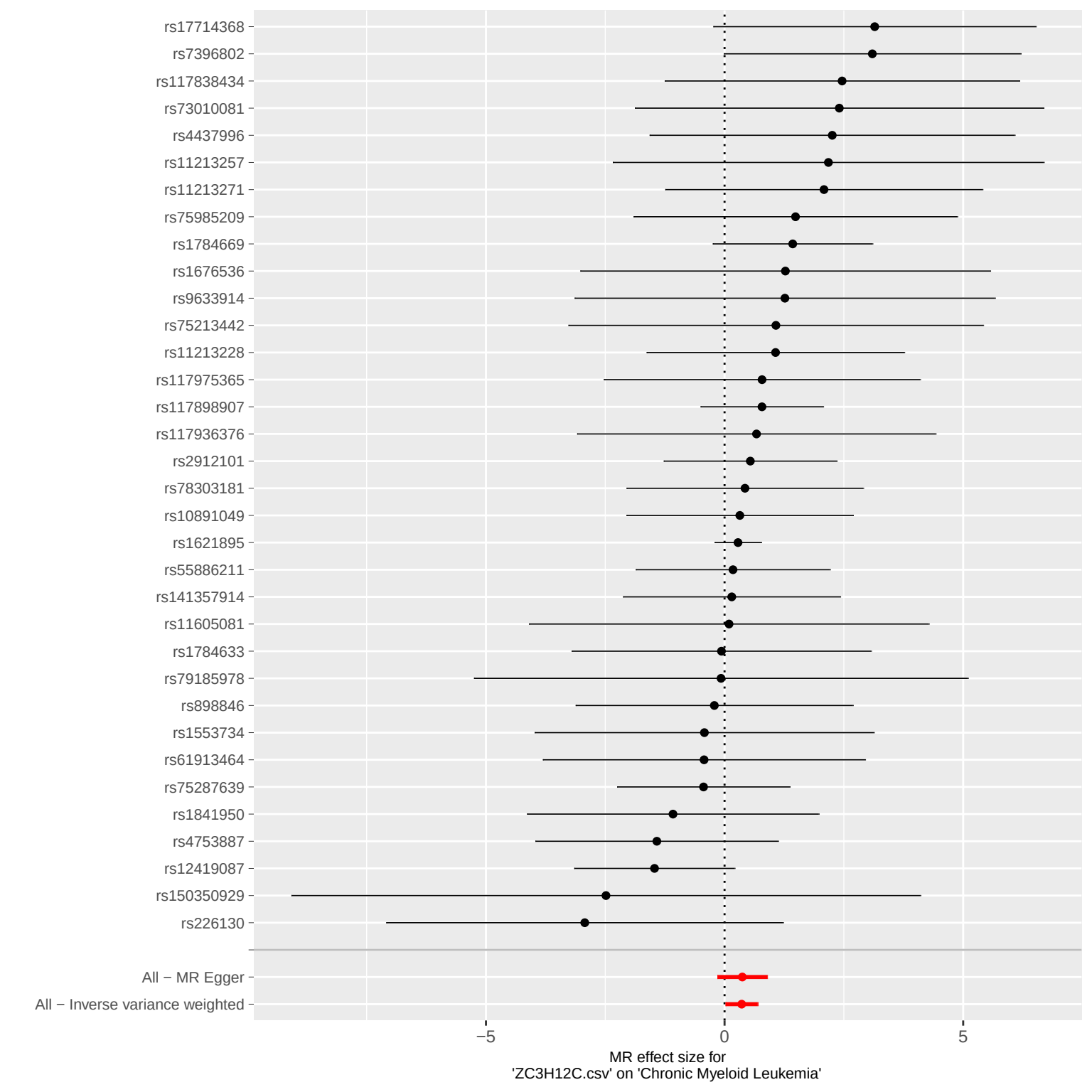
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MR effect size for
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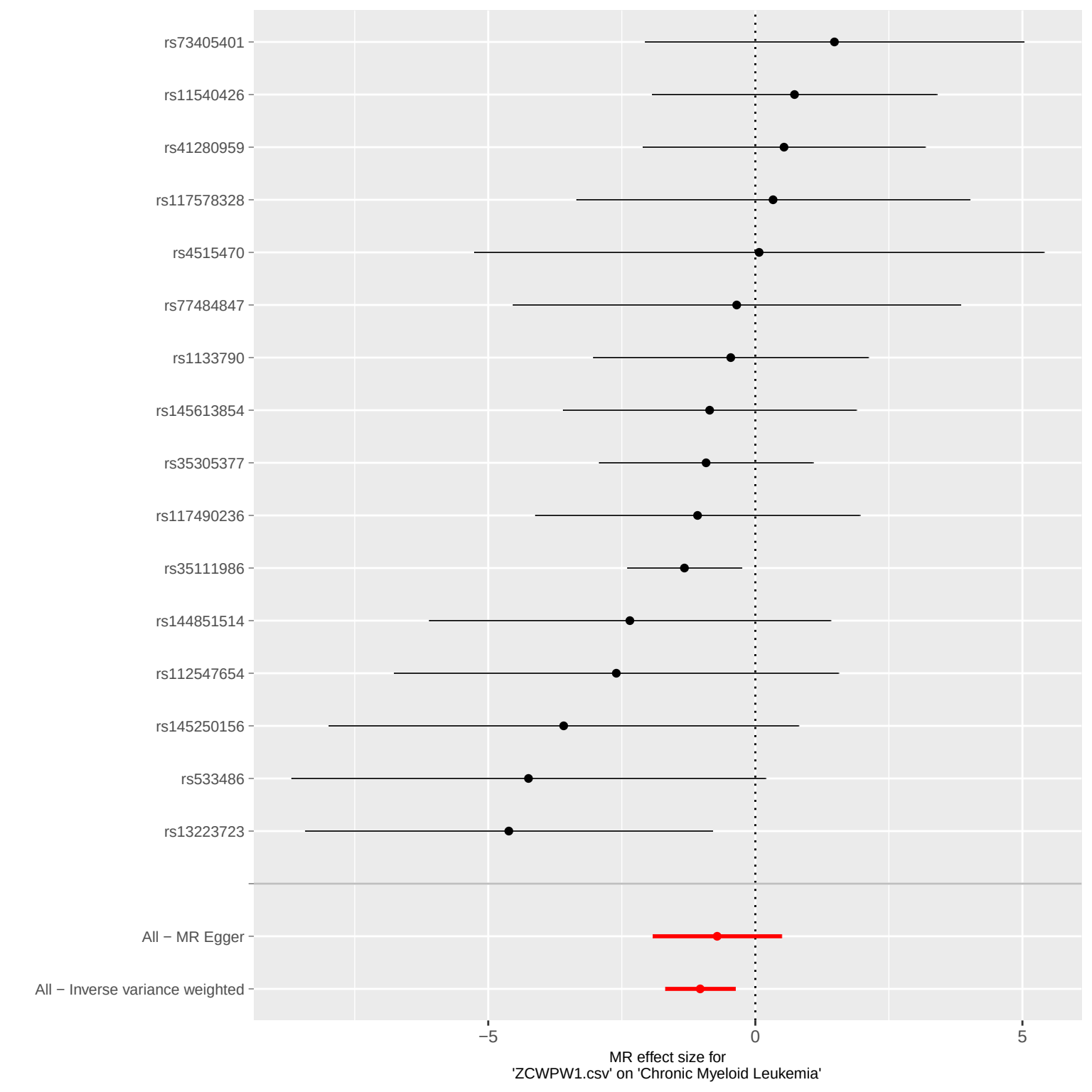
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MR effect size for
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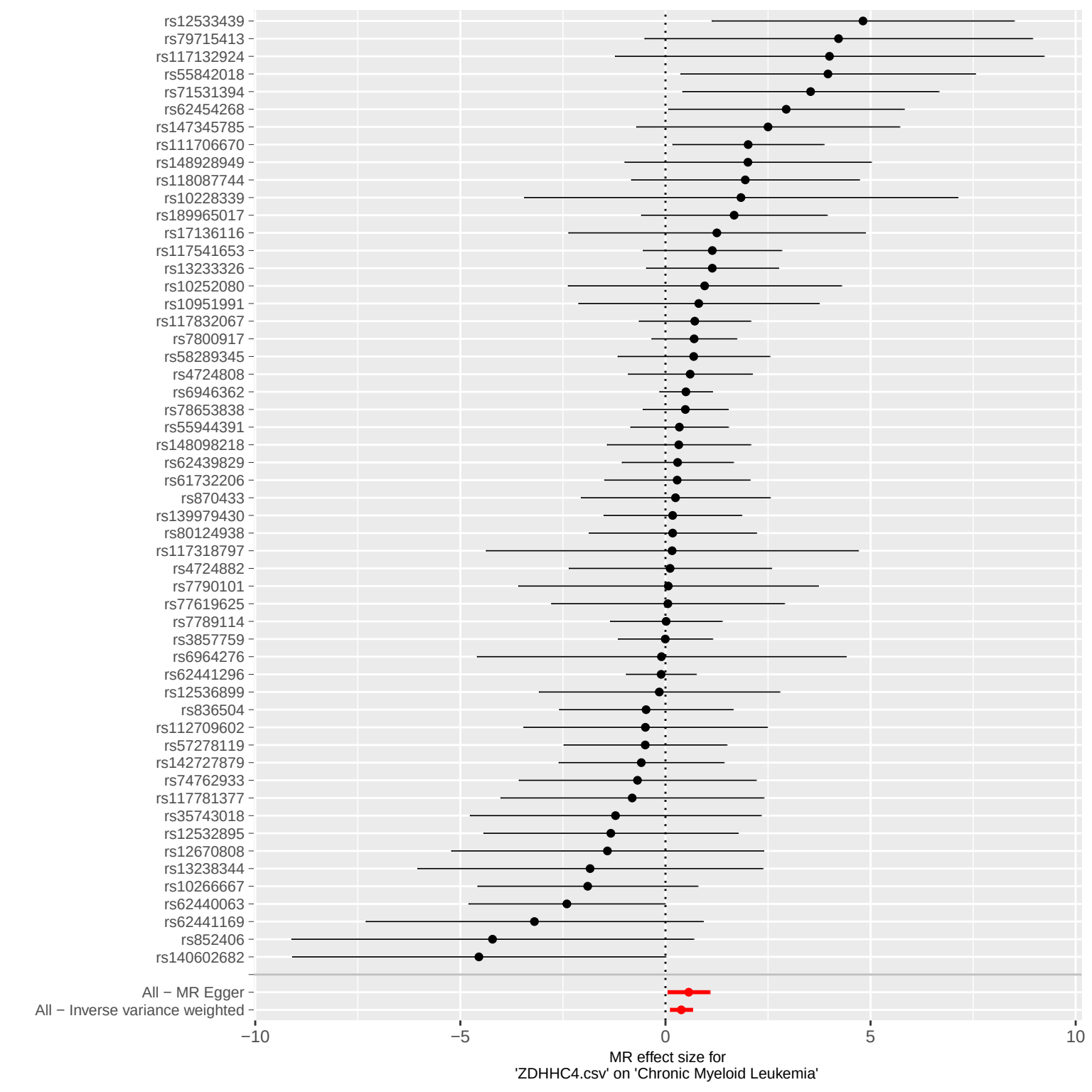
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MR effect size for
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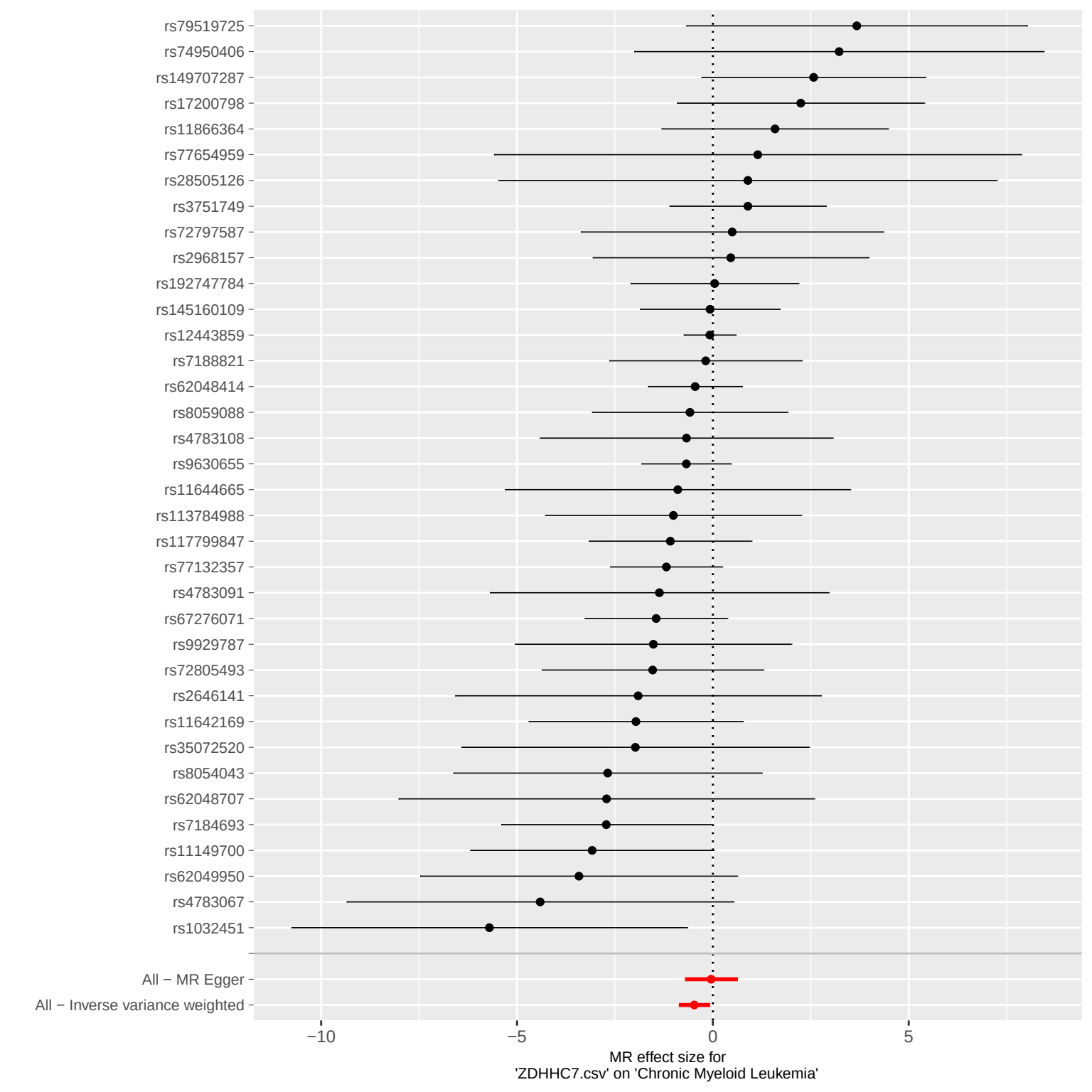
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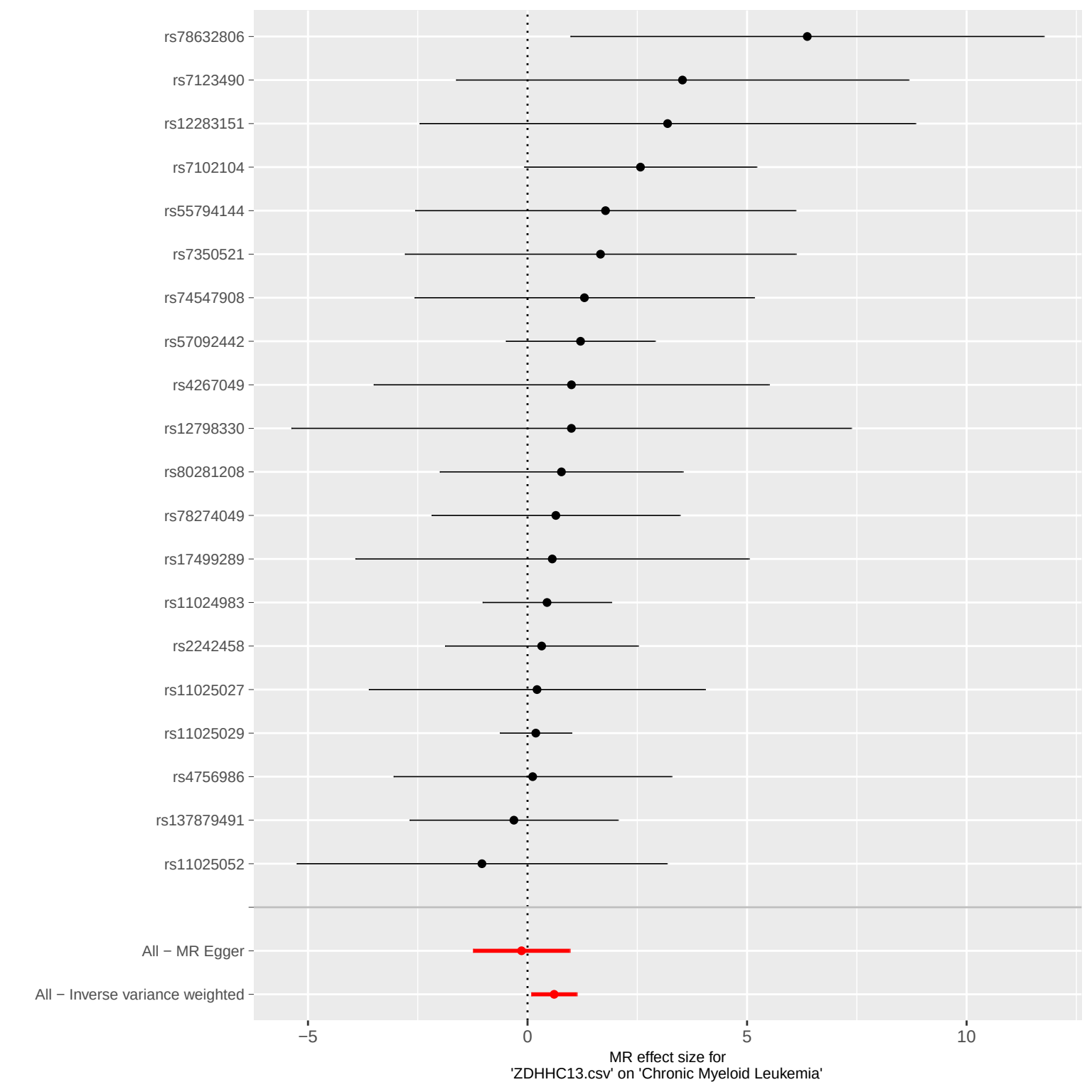
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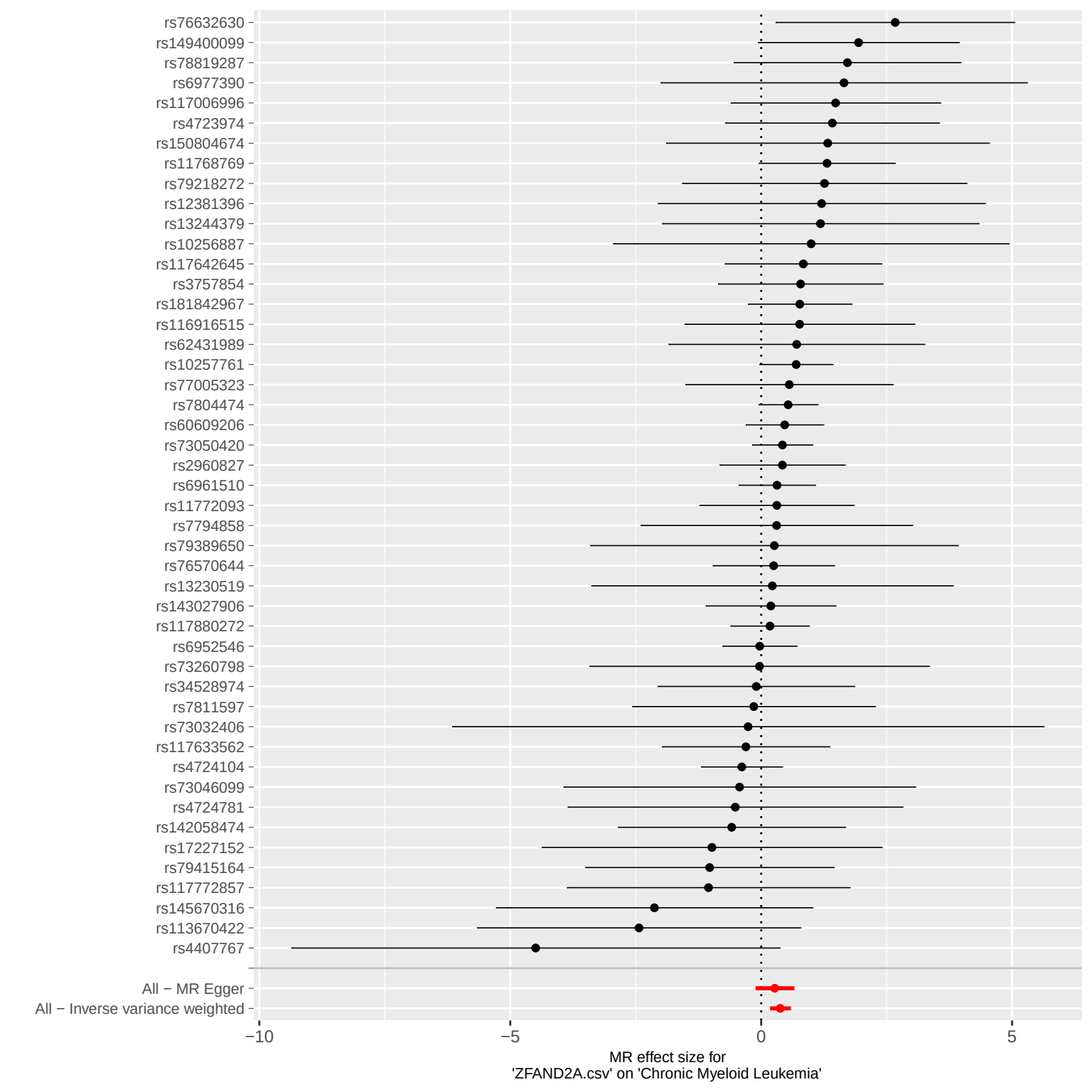
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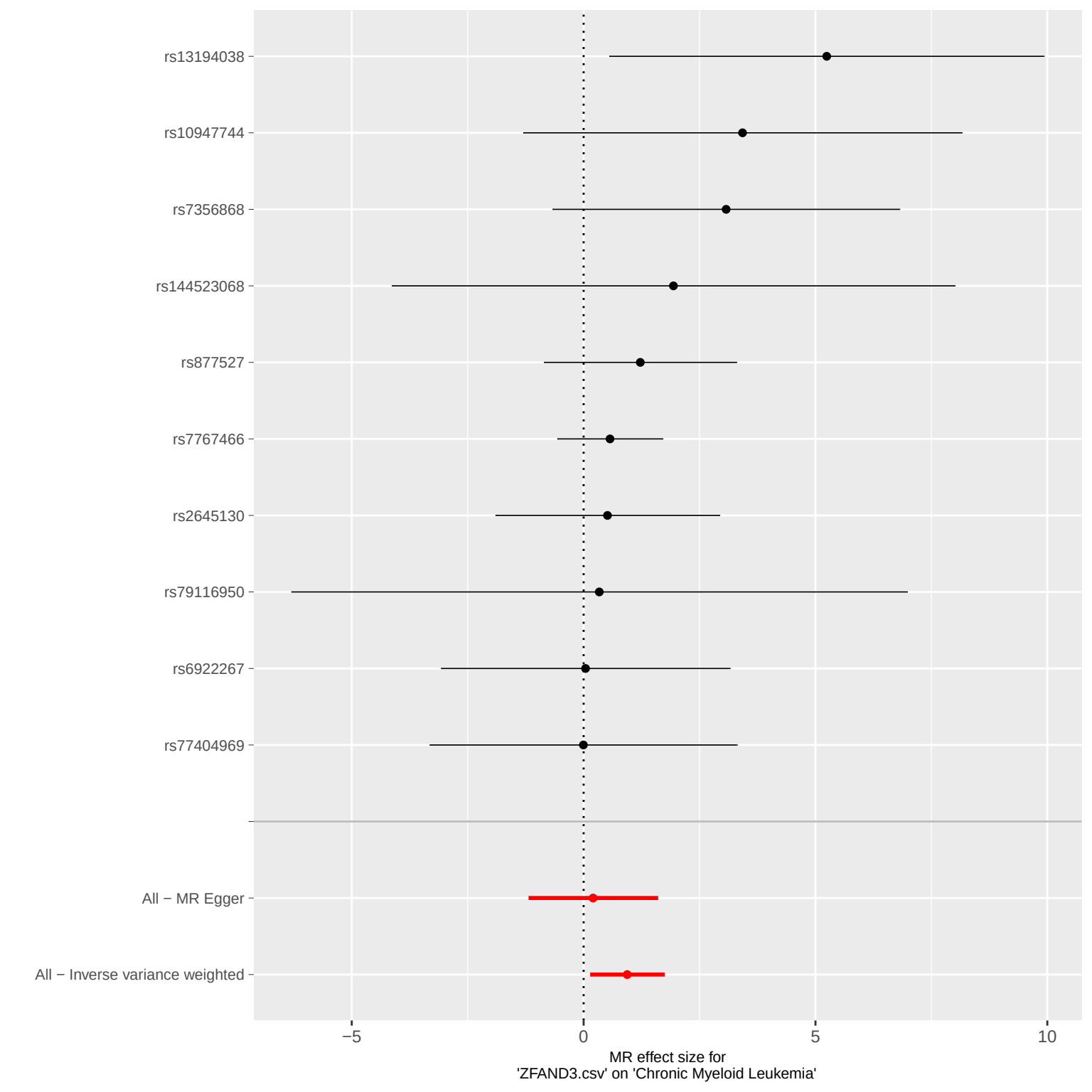
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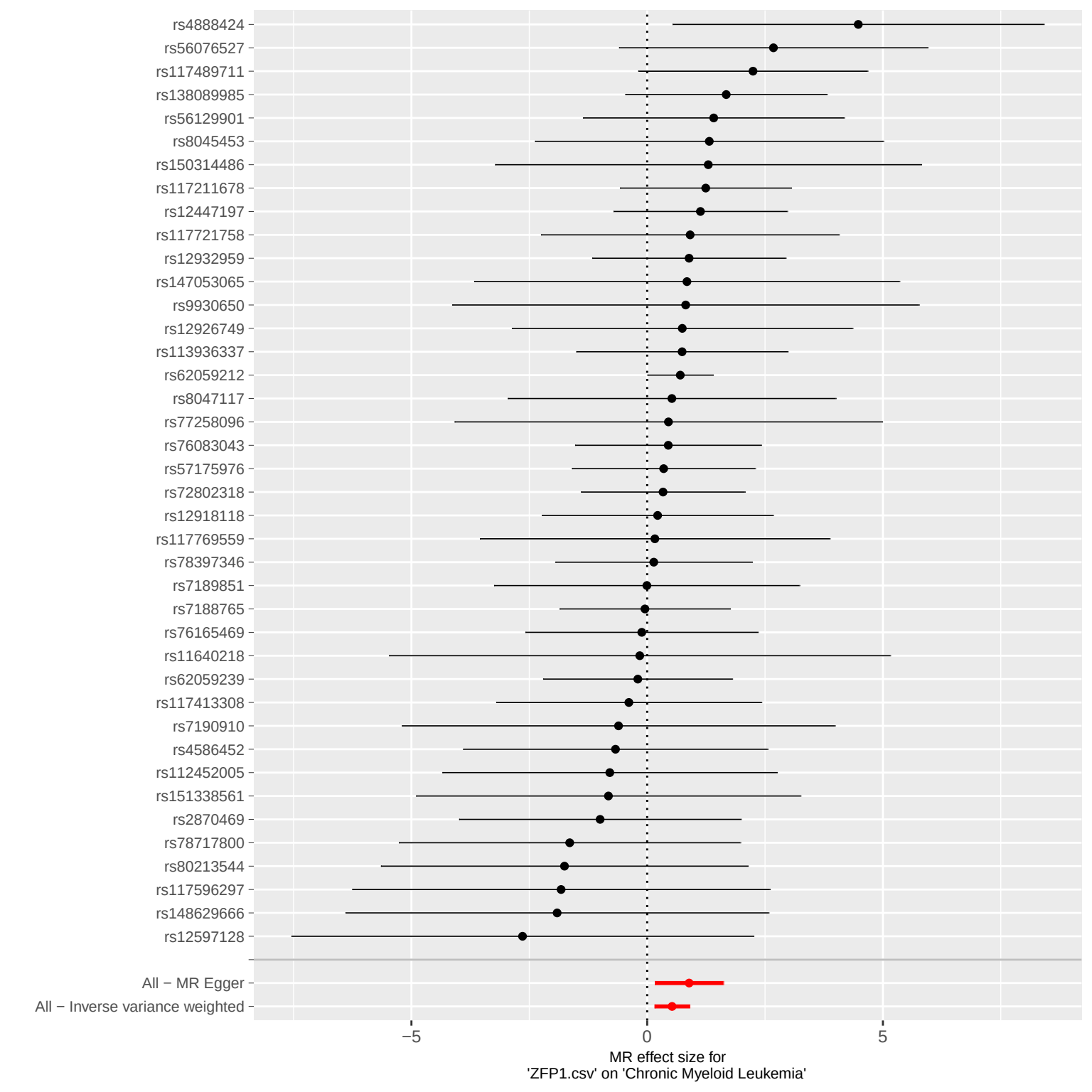
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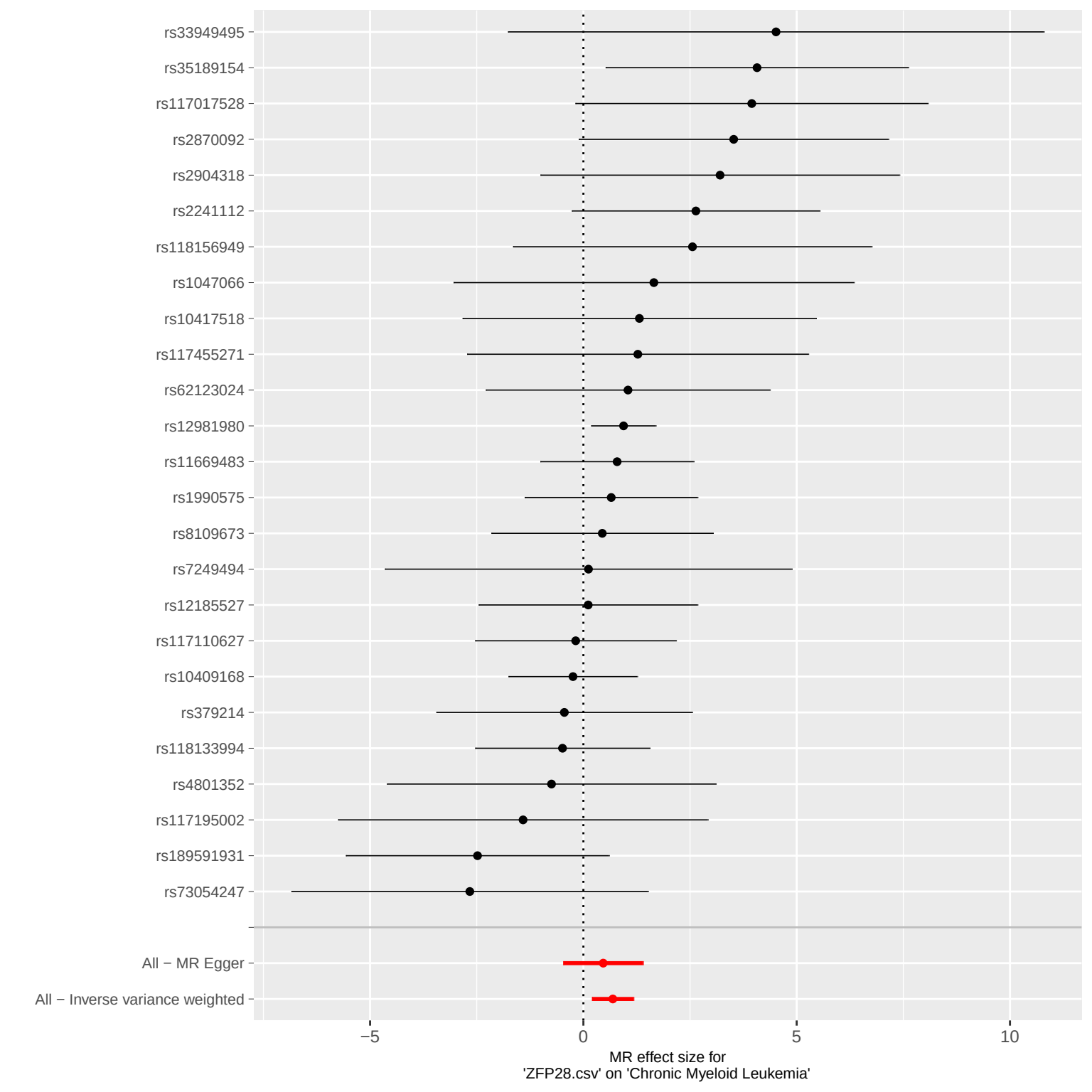
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MR effect size for
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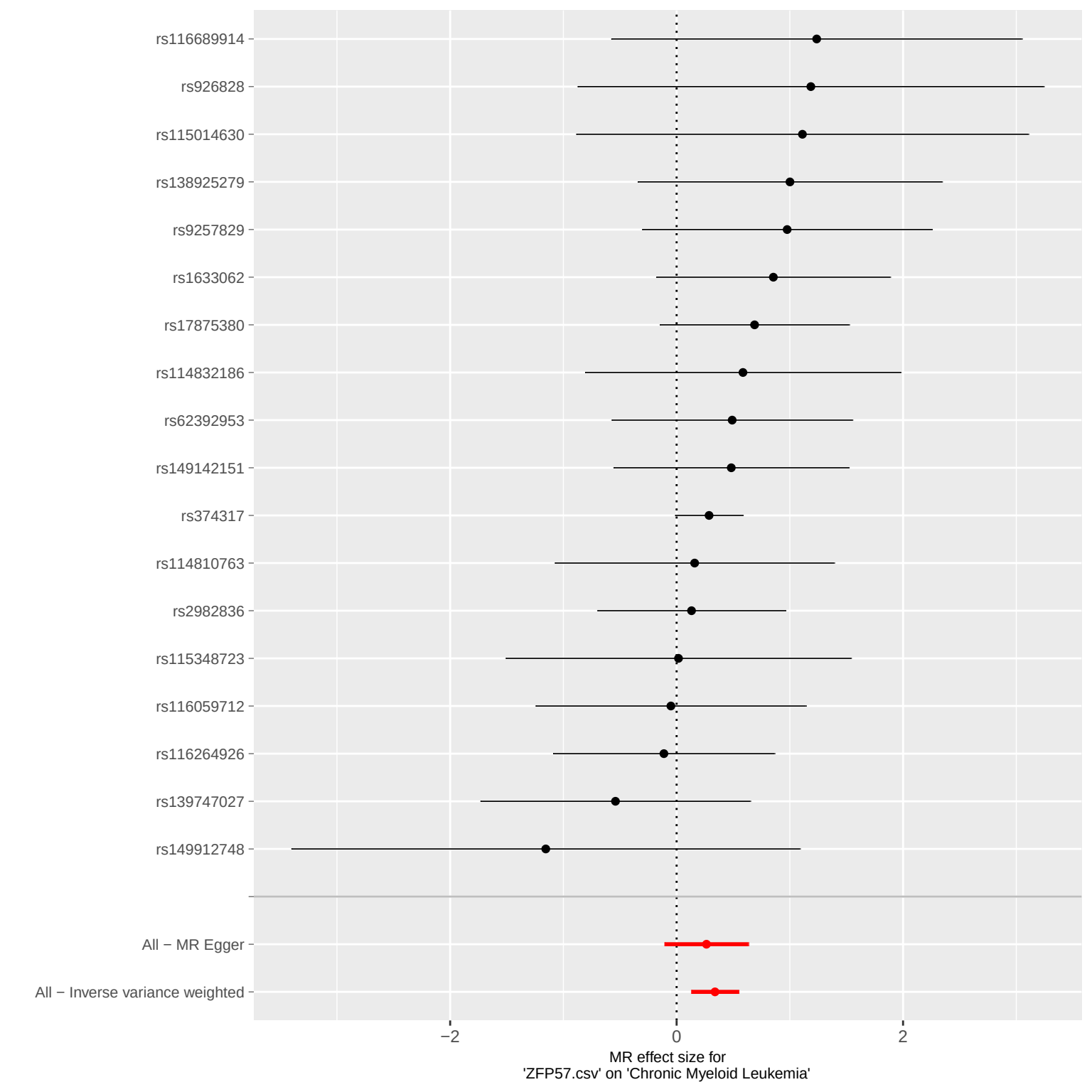
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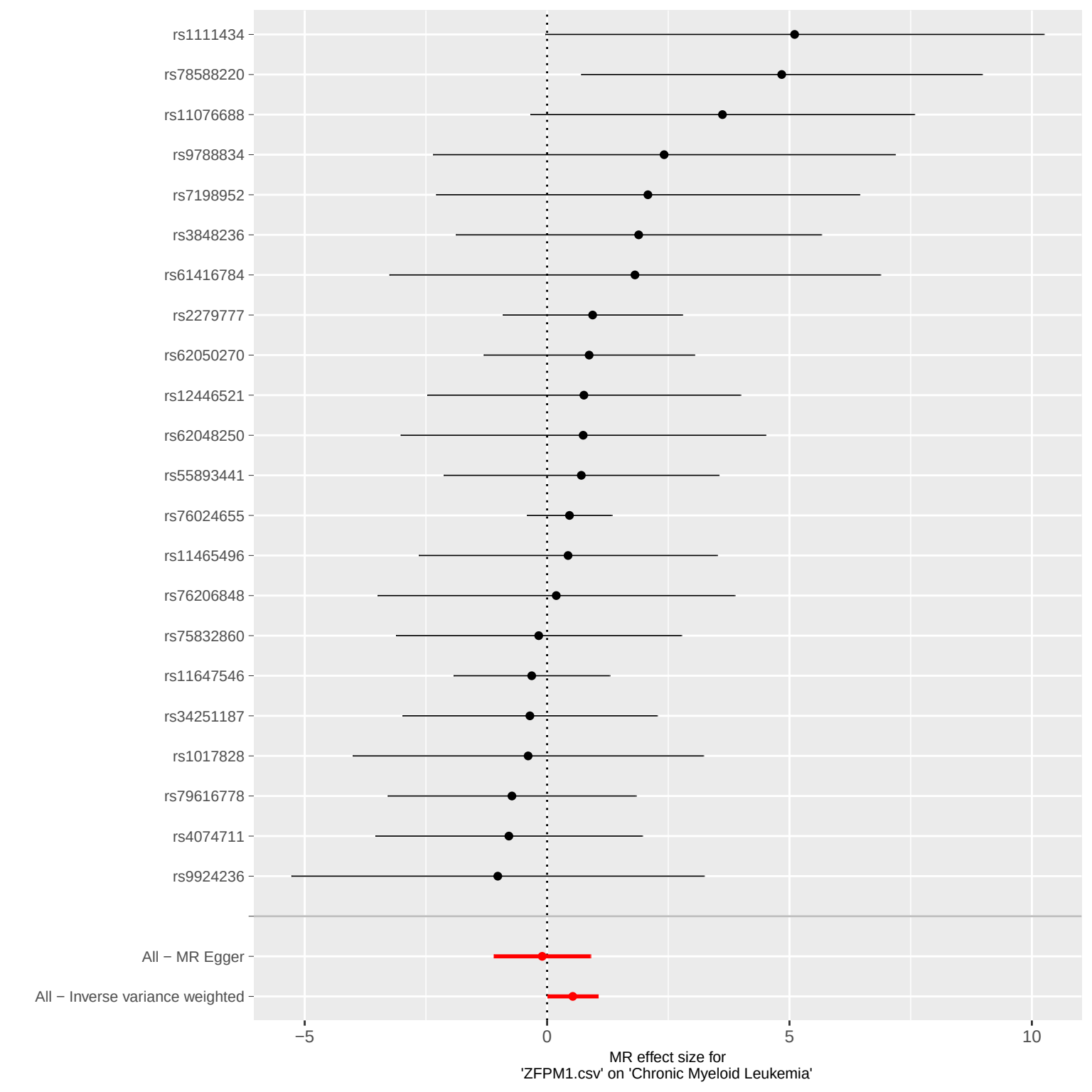
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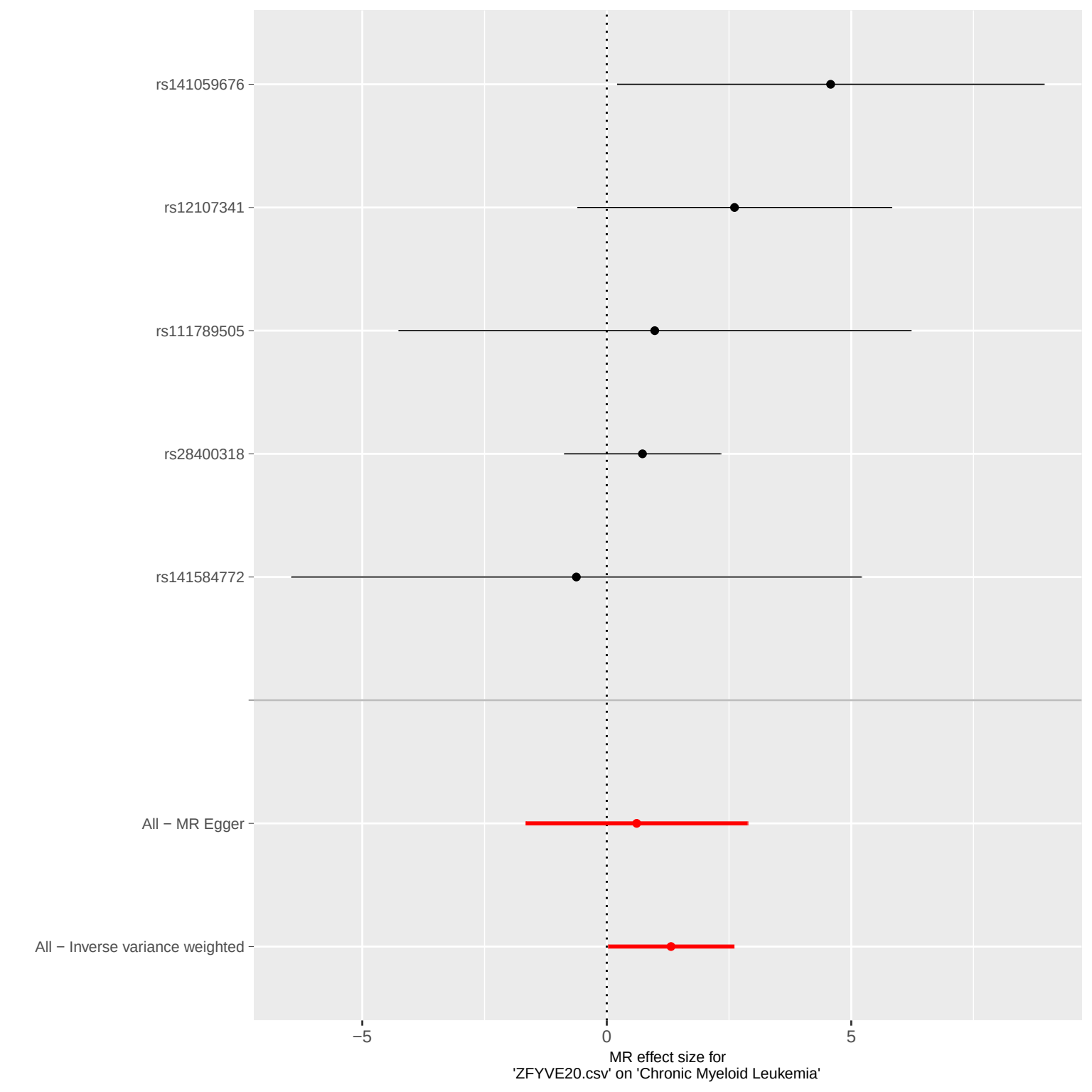
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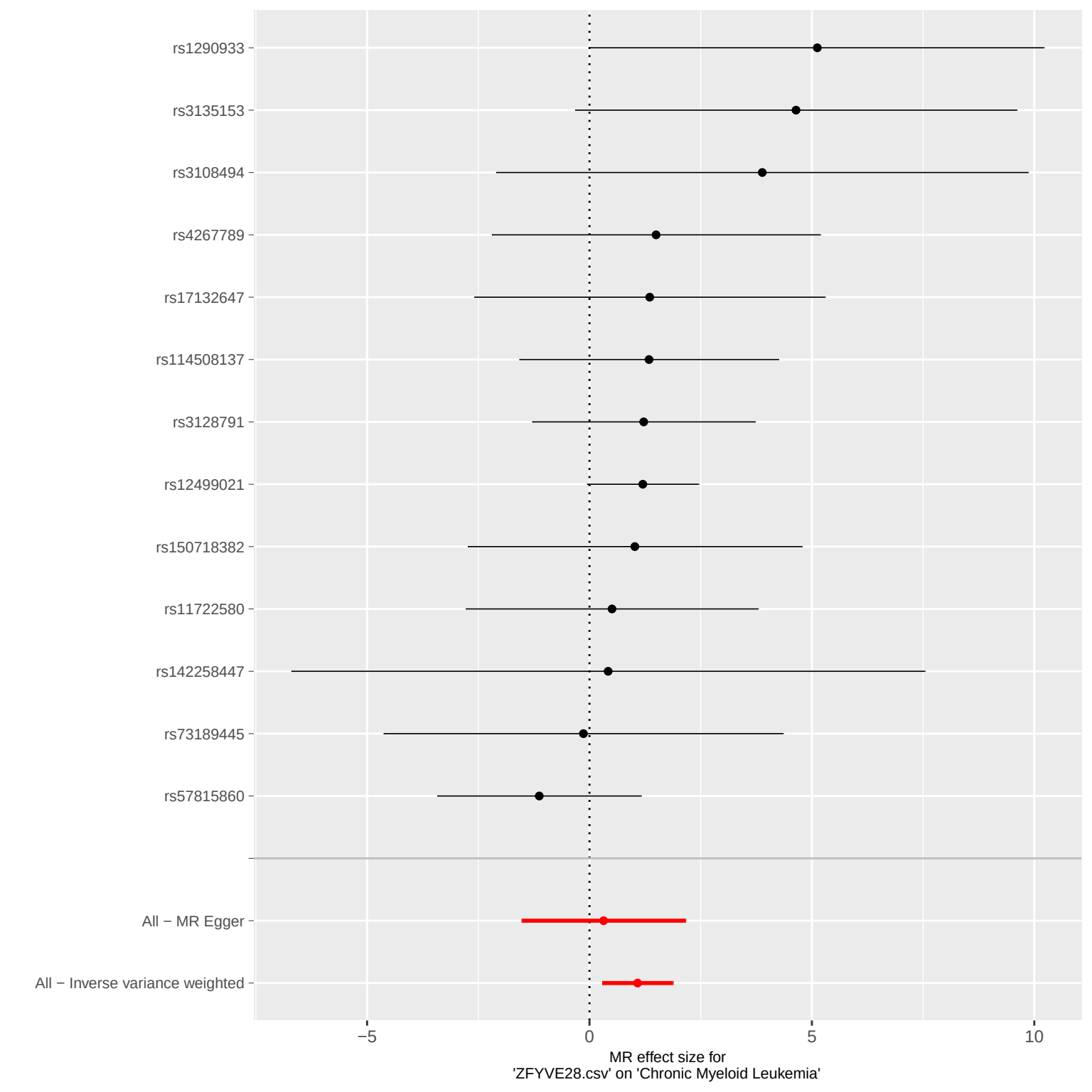
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MR effect size for
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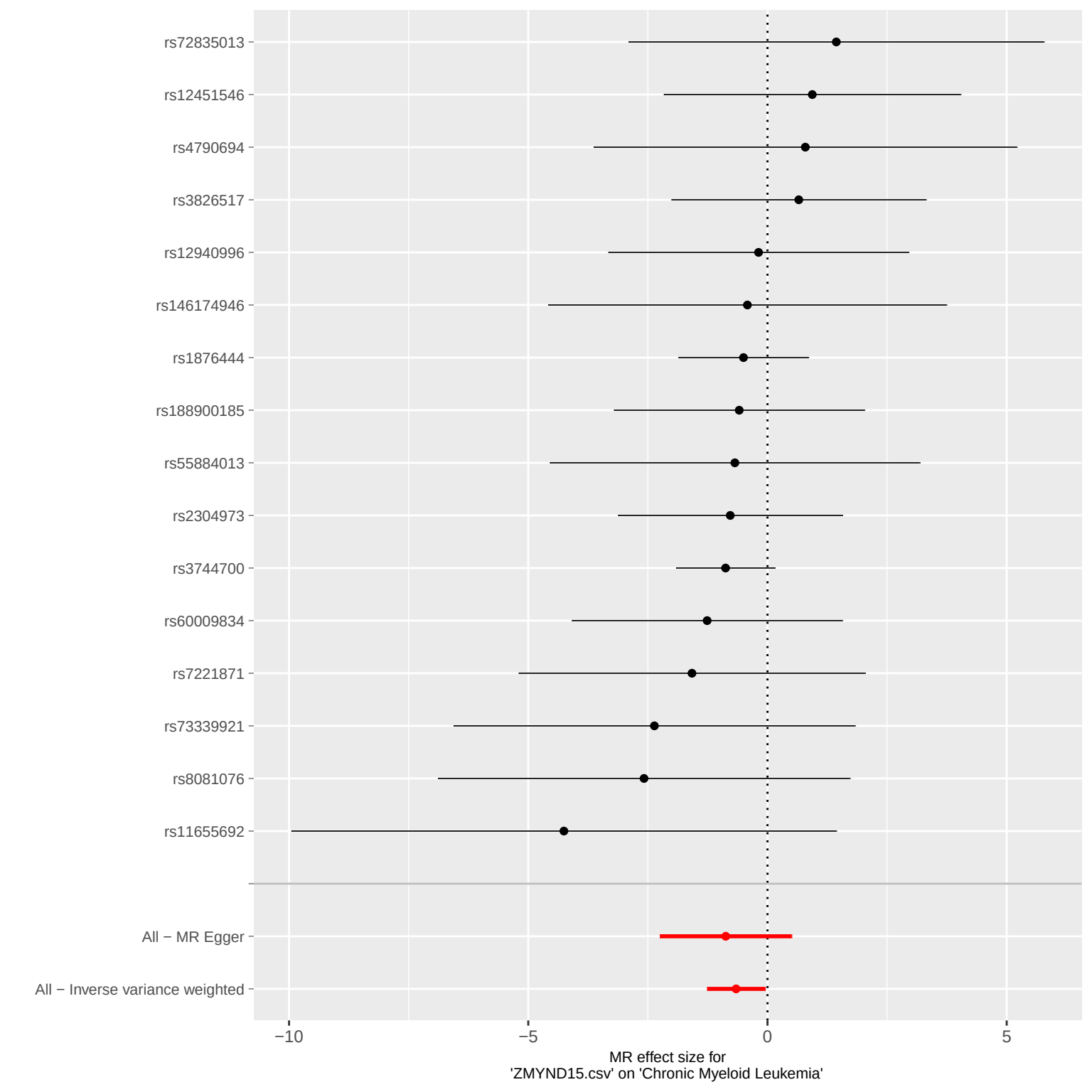
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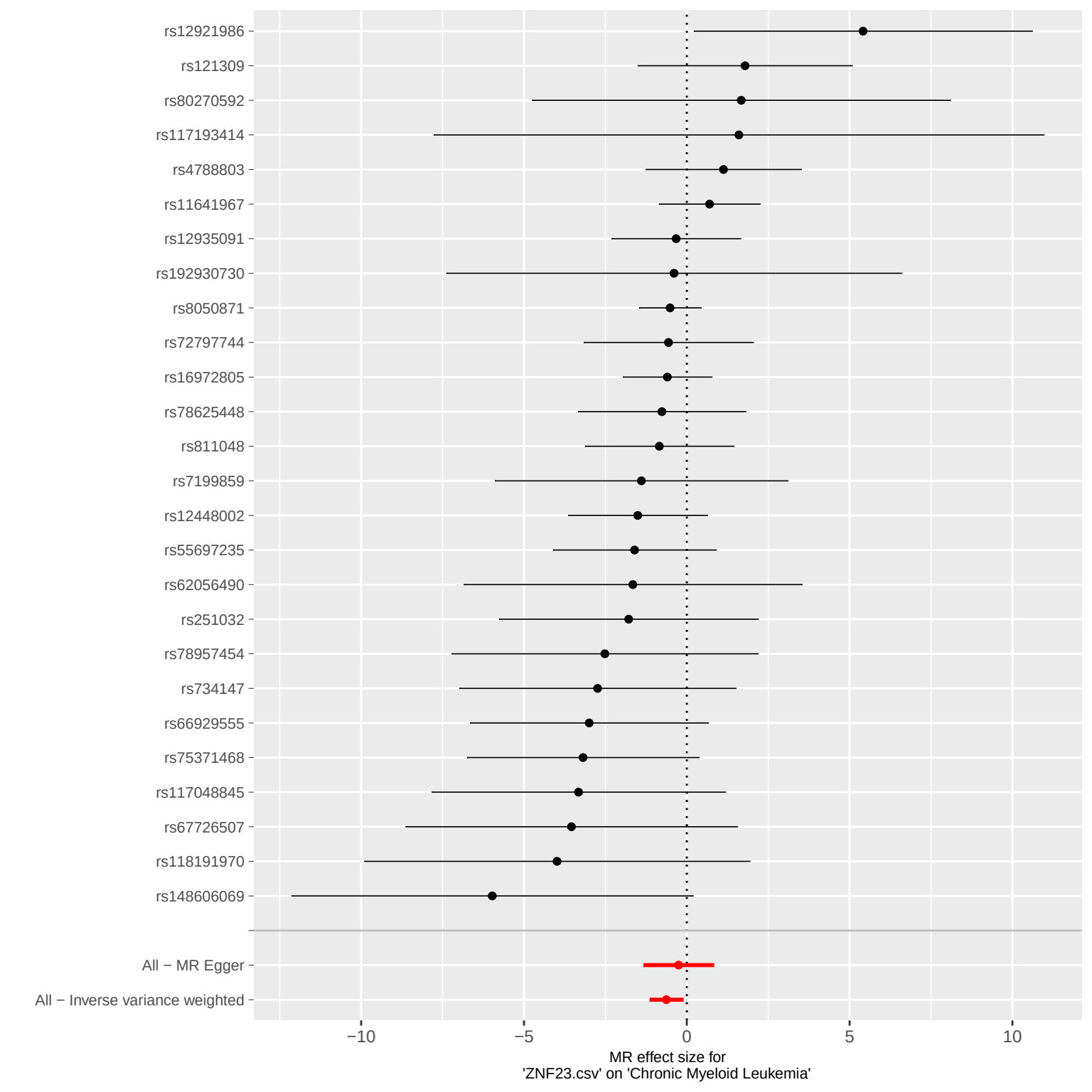
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MR effect size for
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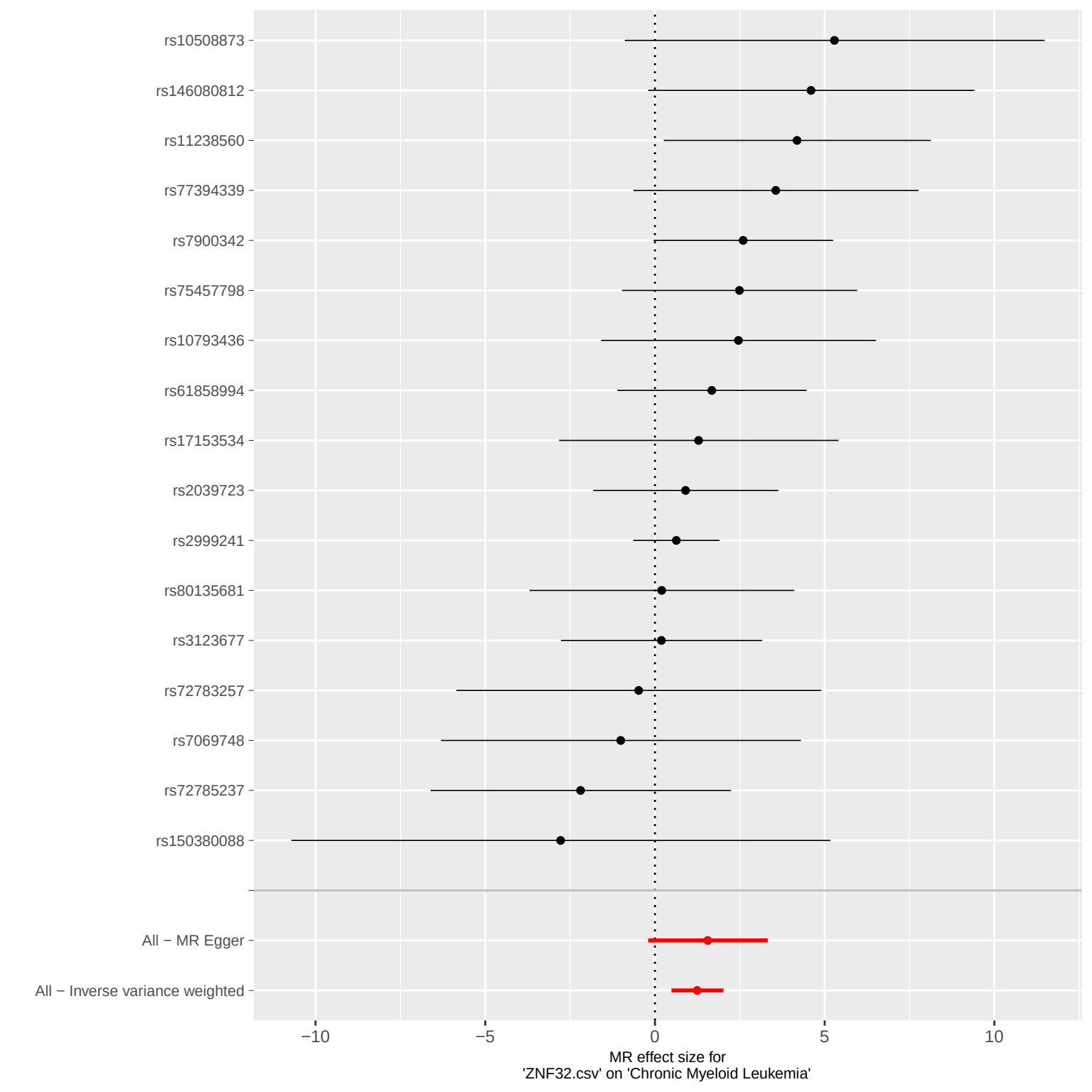
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MR effect size for
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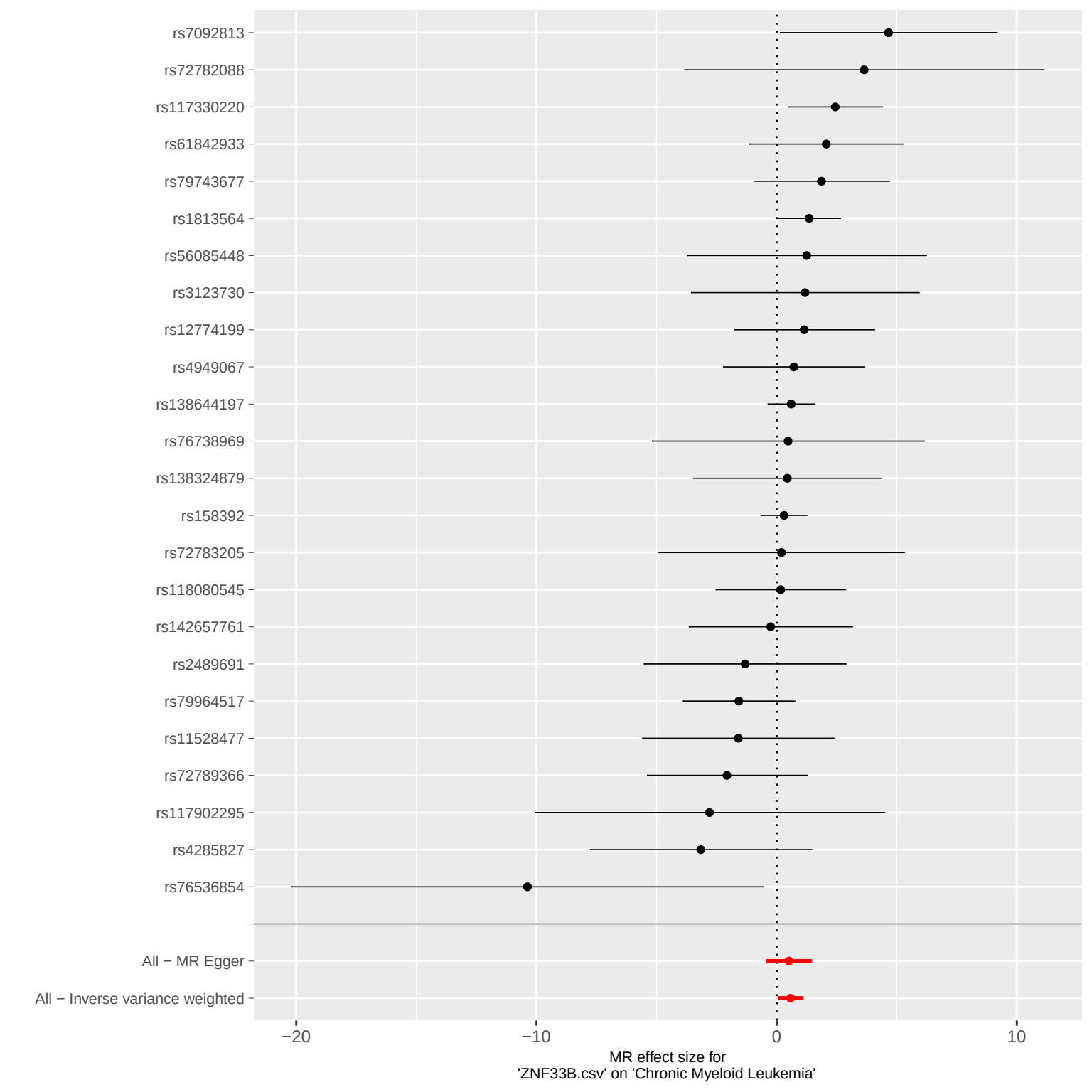
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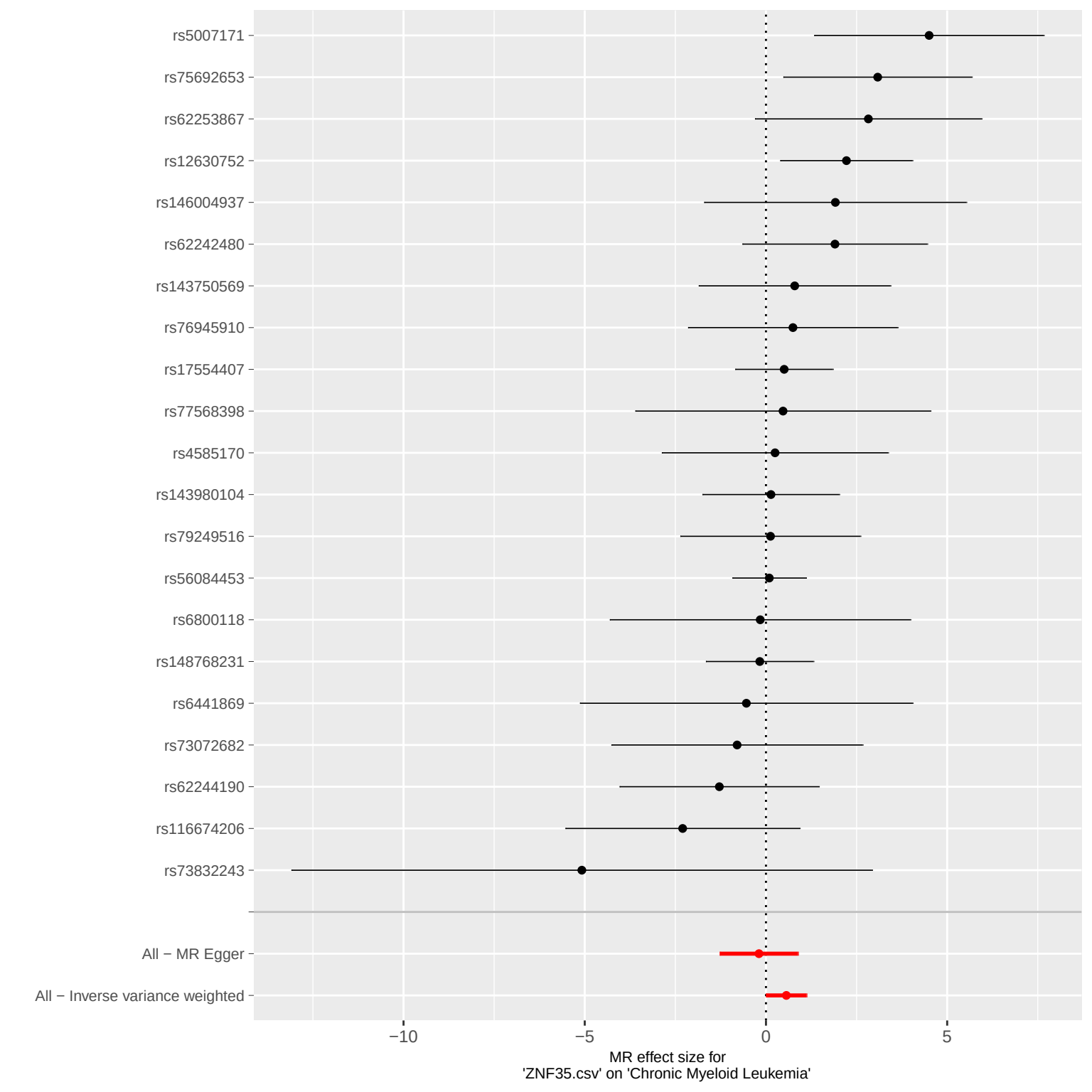
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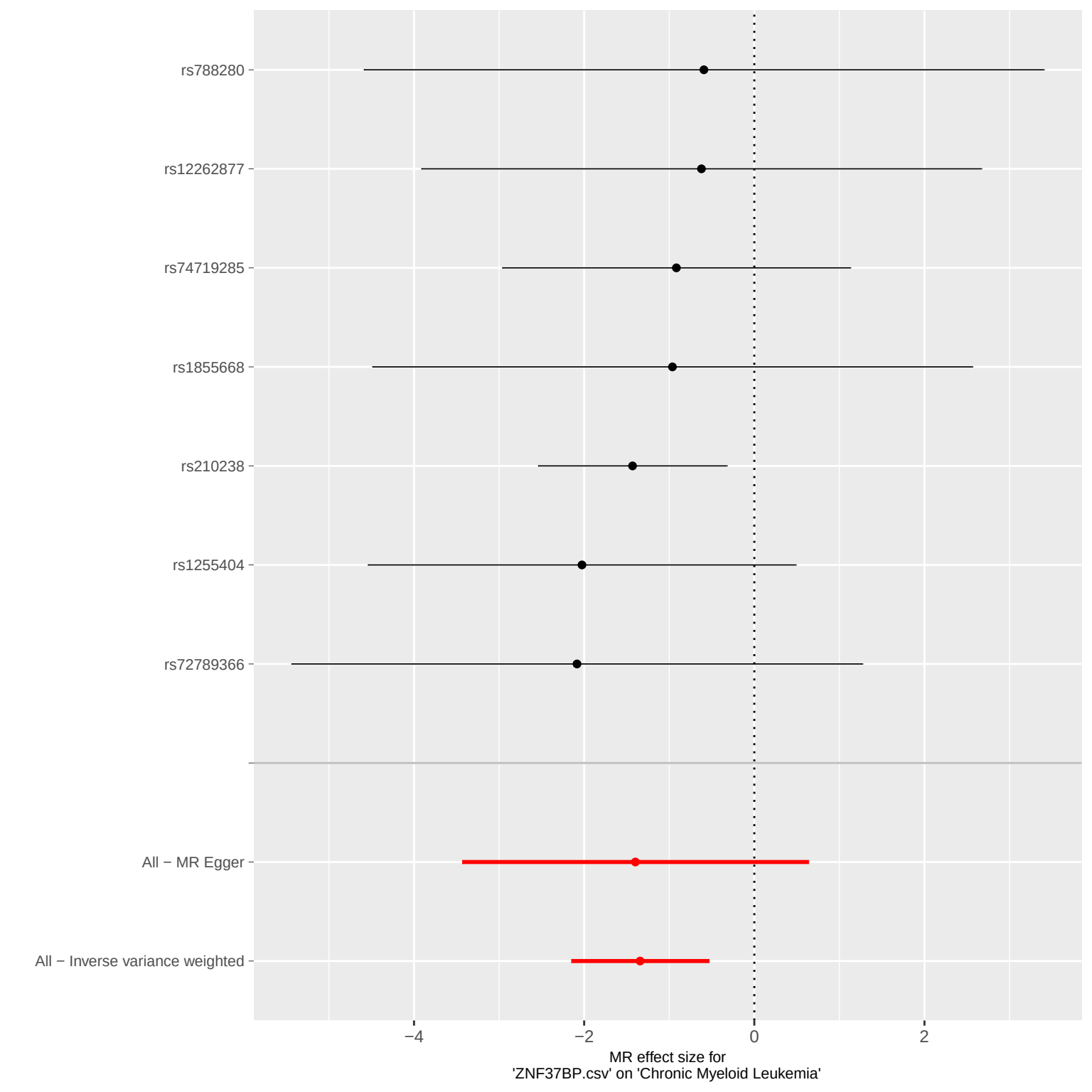
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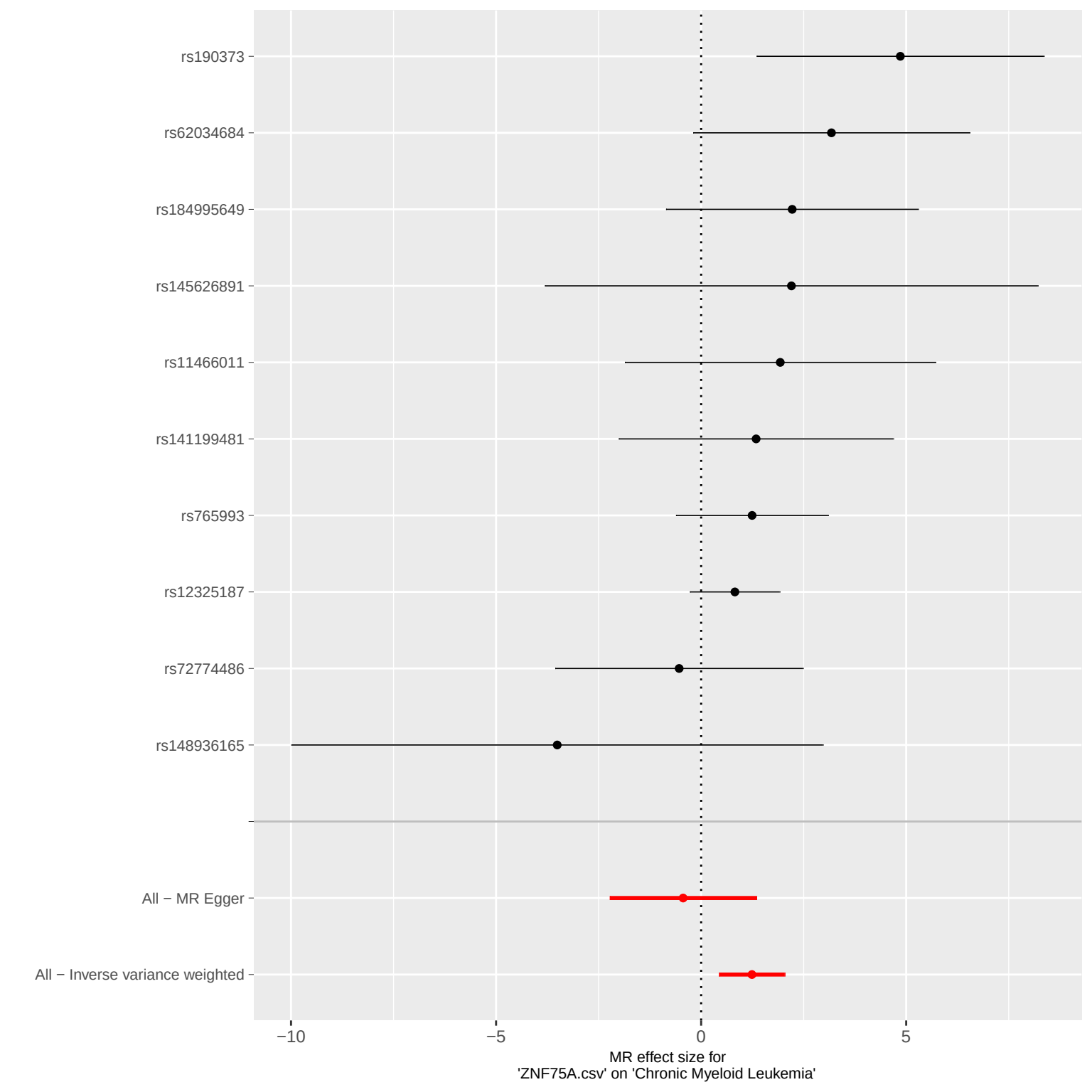
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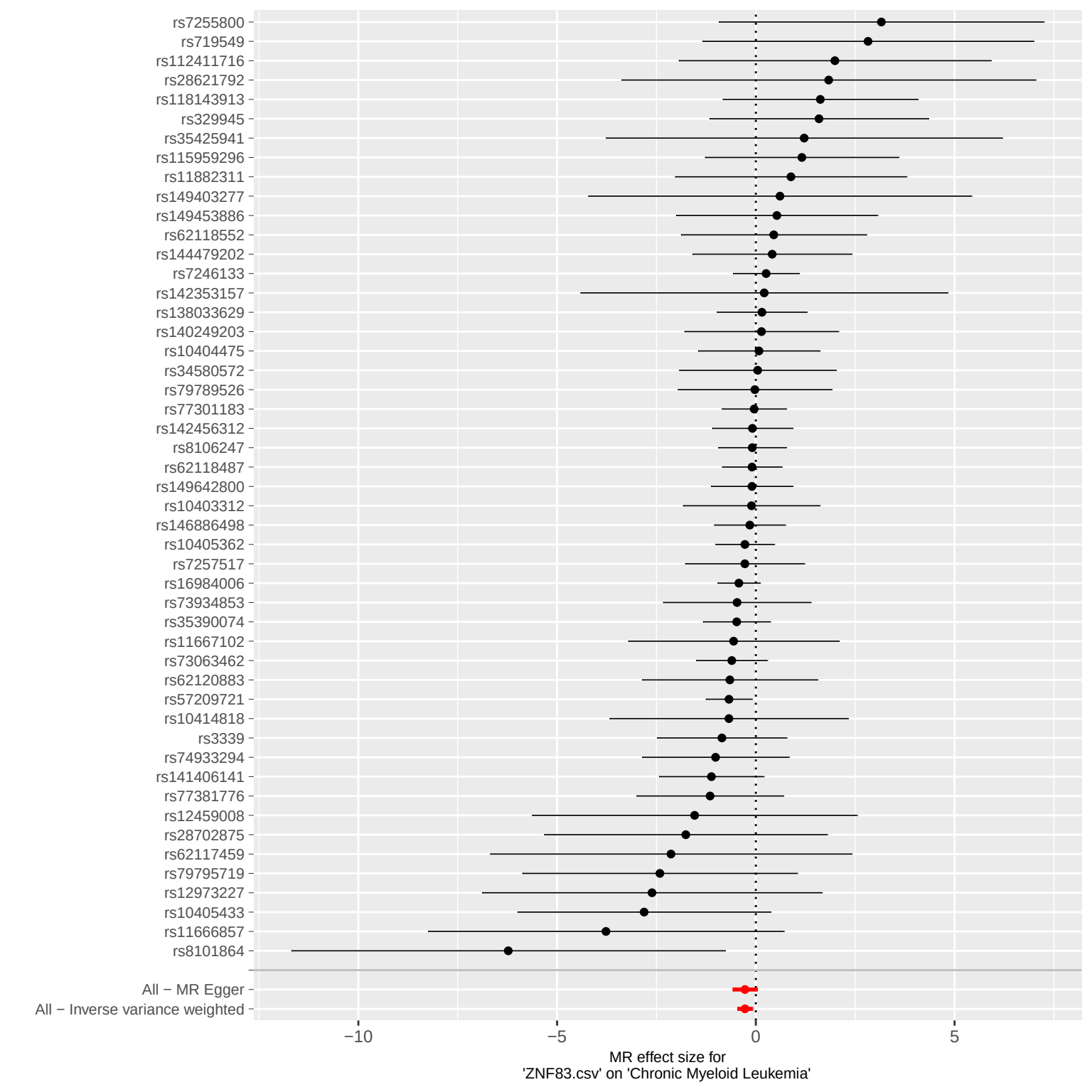
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rs16984006
rs73934853
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rs11667102
rs73063462
rs62120883
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rs141406141
rs77381776
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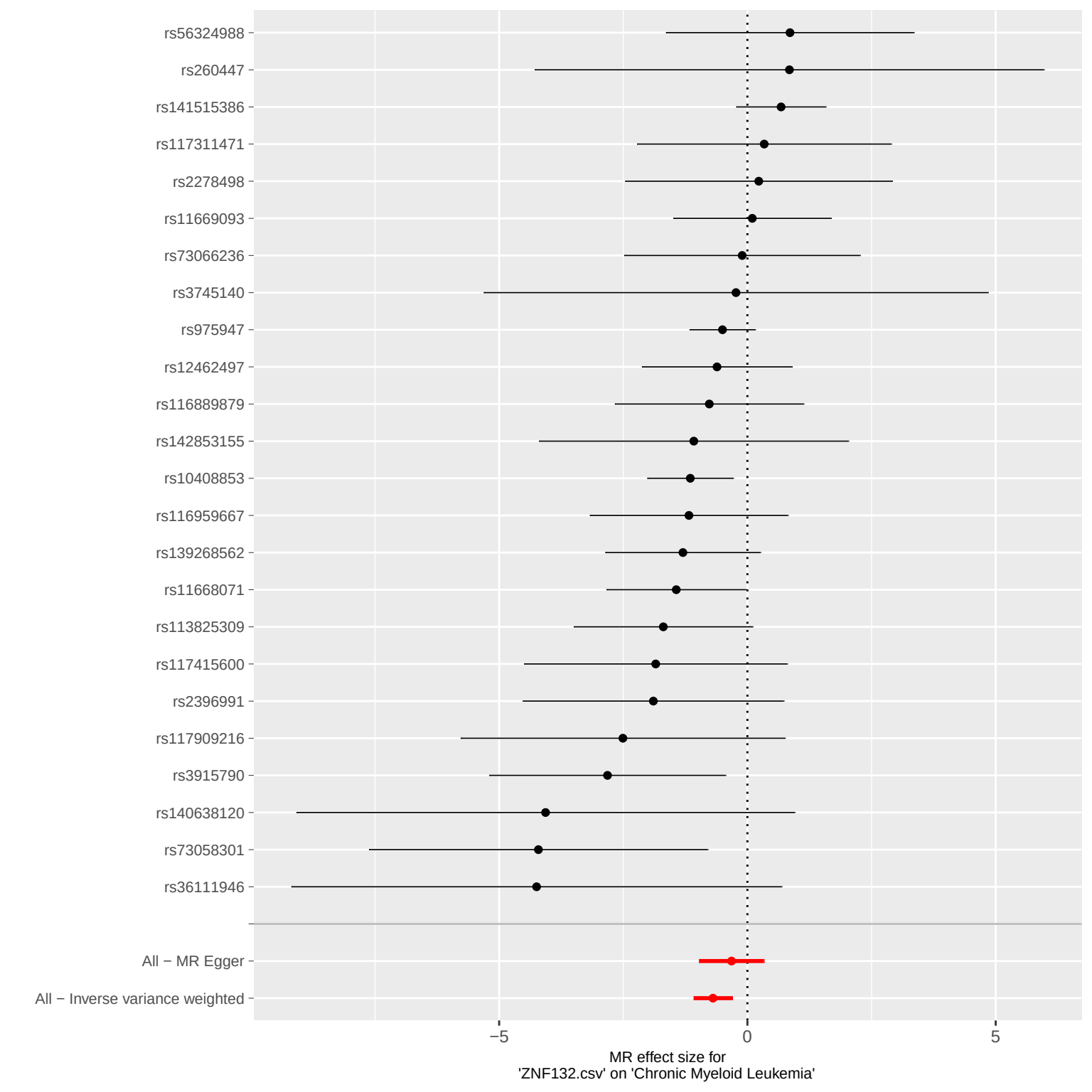
rs62117459
rs79795719
rs12973227
rs10405433
rs11666857
rs8101864
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZNF83.csv' on 'Chronic Myeloid Leukemia'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rs2278498
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rs116959667
rs139268562
rs11668071
rs113825309
rs117415600
rs2396991
rs117909216
rs3915790
rs140638120
rs73058301
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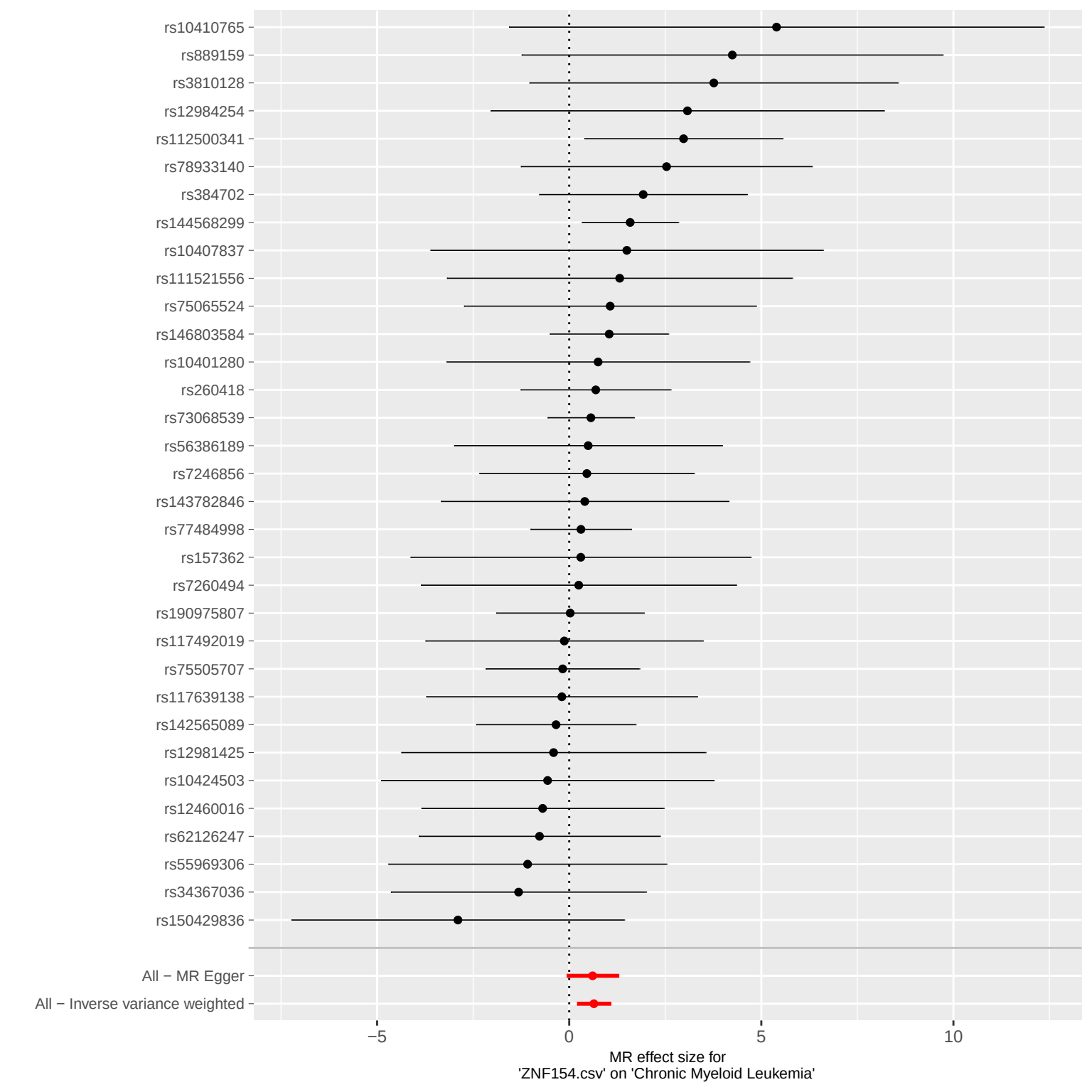
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF132.csv' on 'Chronic Myeloid Leukemia'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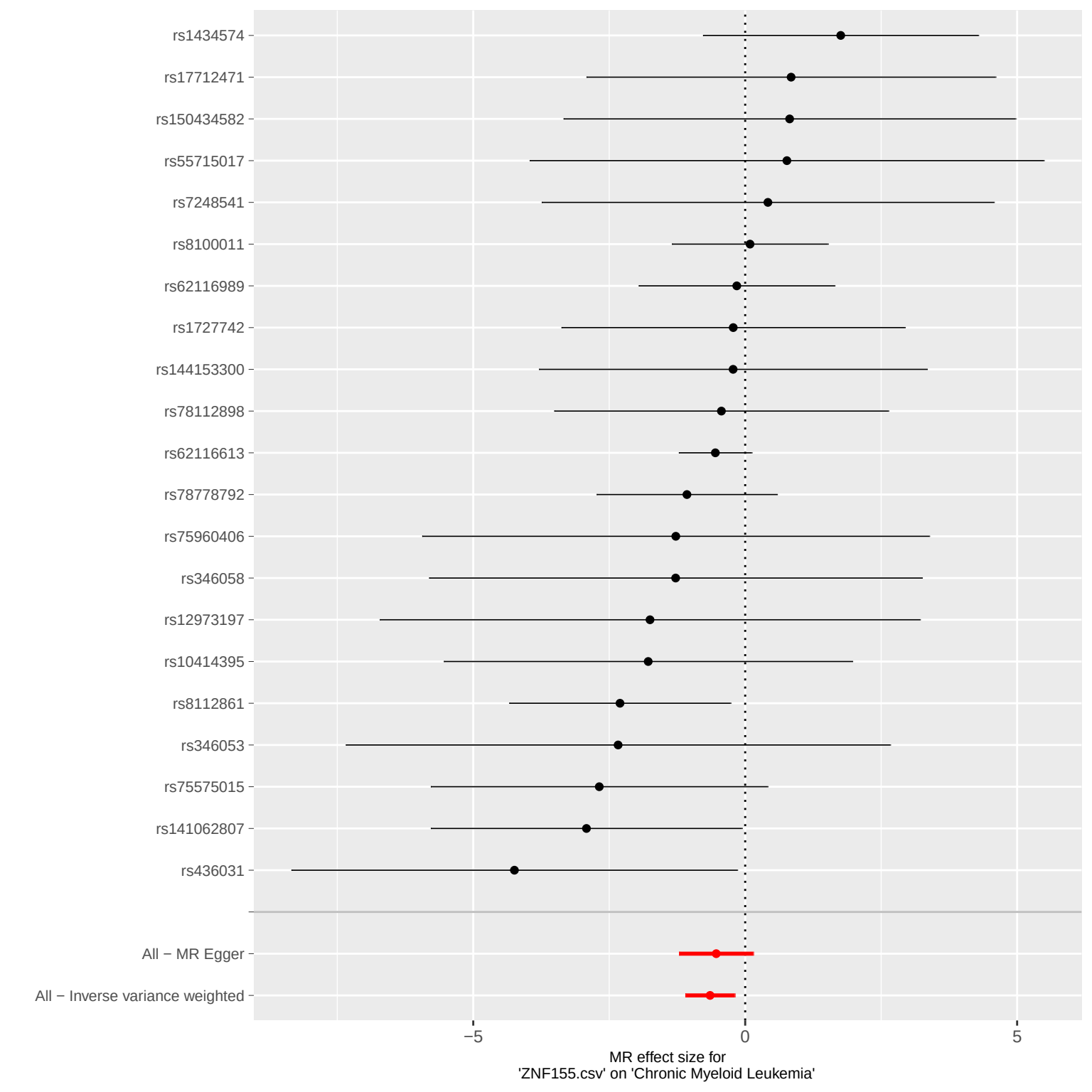
rs146803584
rs10401280
rs260418
rs73068539
rs56386189
rs7246856
rs143782846
rs77484998
rs157362
rs7260494
rs190975807
rs117492019
rs75505707
rs117639138
rs142565089
rs12981425
rs10424503
rs12460016
rs62126247
rs55969306
rs34367036
rs150429836
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ZNF154.csv' on 'Chronic Myeloid Leukemia'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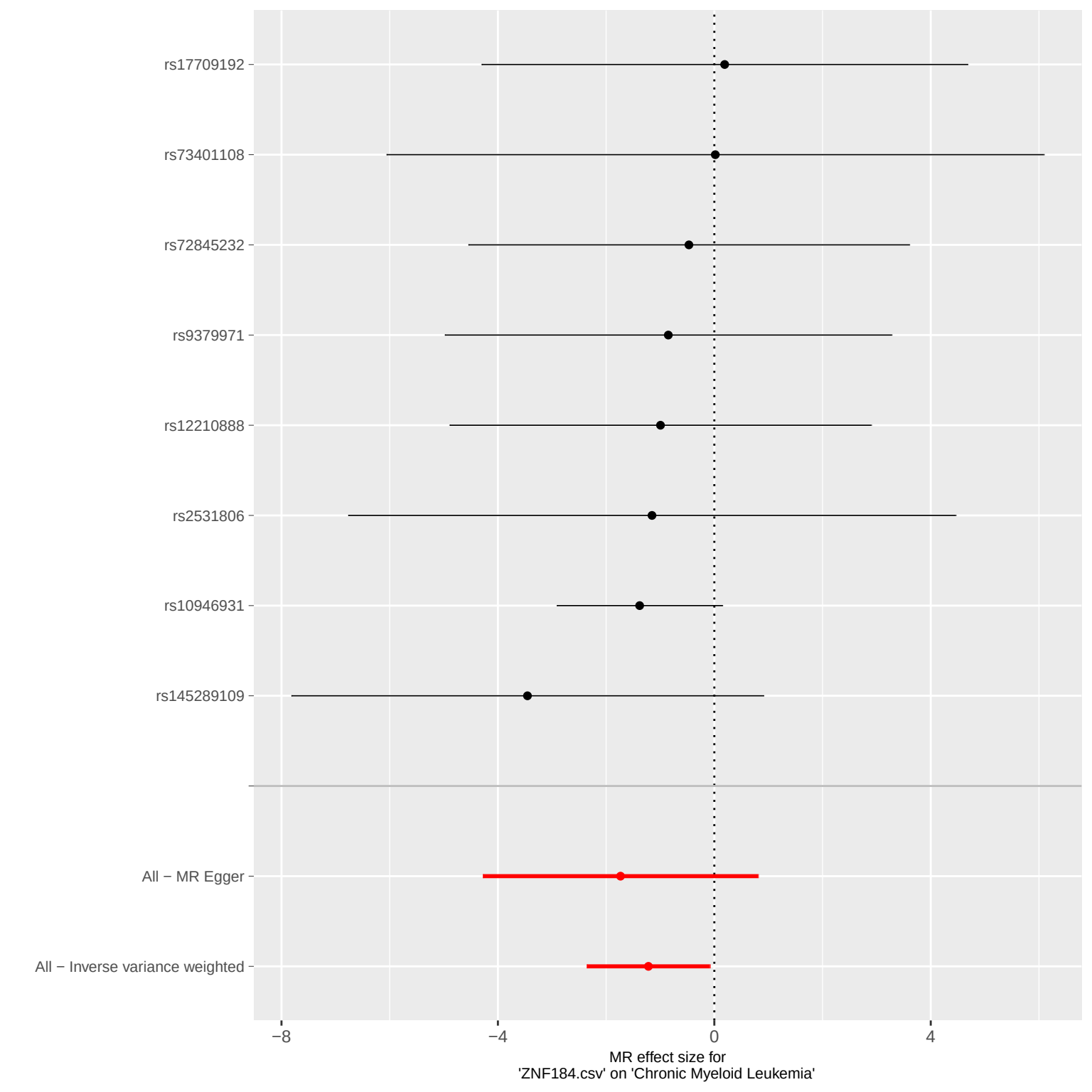
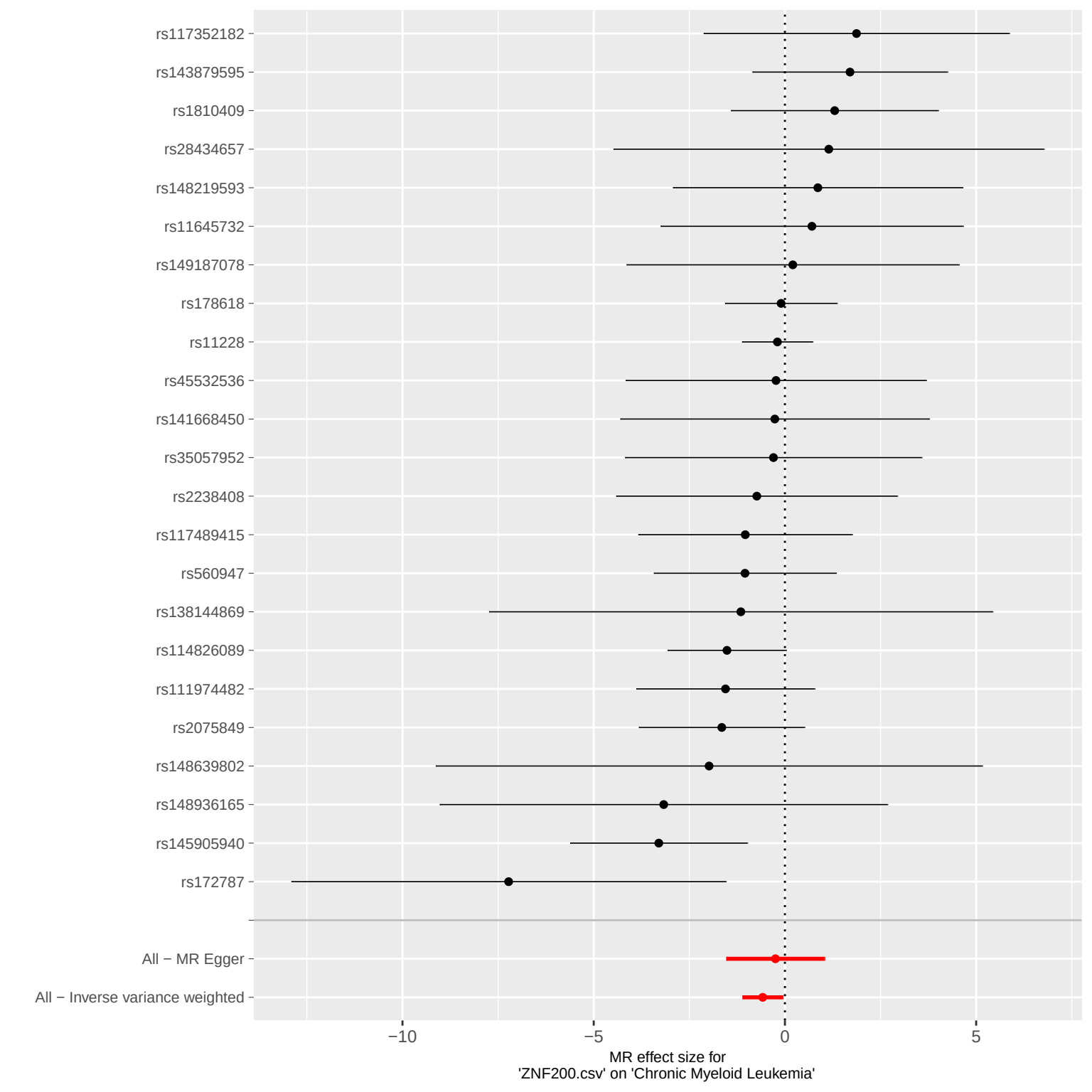
rs78778792
rs75960406
rs346058
rs12973197
rs10414395
rs8112861
rs346053
rs75575015
rs141062807
rs436031
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF155.csv' on 'Chronic Myeloid Leukemia'


rs17709192
rs73401108
rs72845232
rs9379971
rs12210888
rs2531806
rs10946931
rs145289109
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ZNF184.csv' on 'Chronic Myeloid Leukemia'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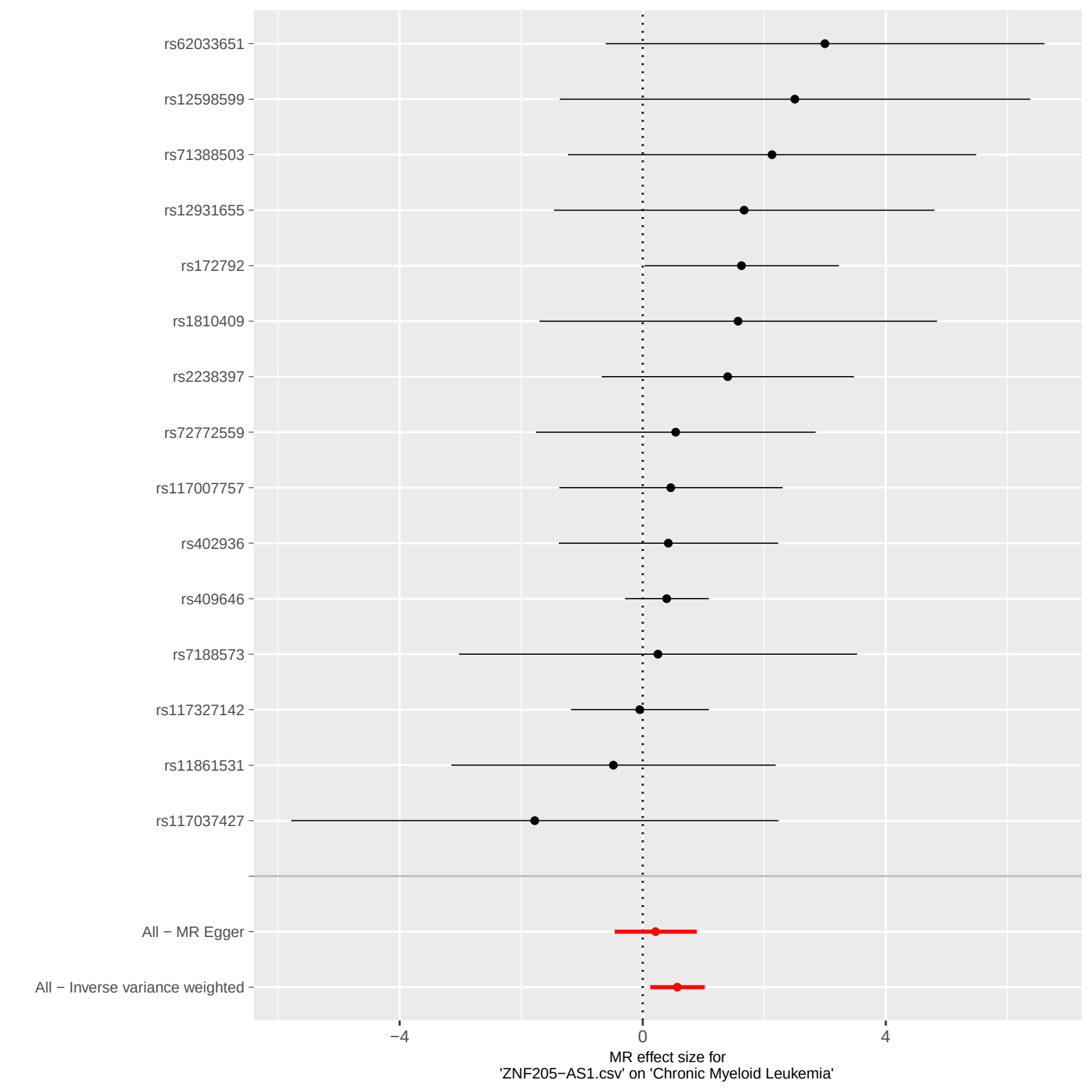
rs35057952
rs2238408
rs117489415
rs560947
rs138144869
rs114826089
rs111974482
rs2075849
rs148639802
rs148936165
rs145905940
rs172787
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZNF200.csv' on 'Chronic Myeloid Leukemia'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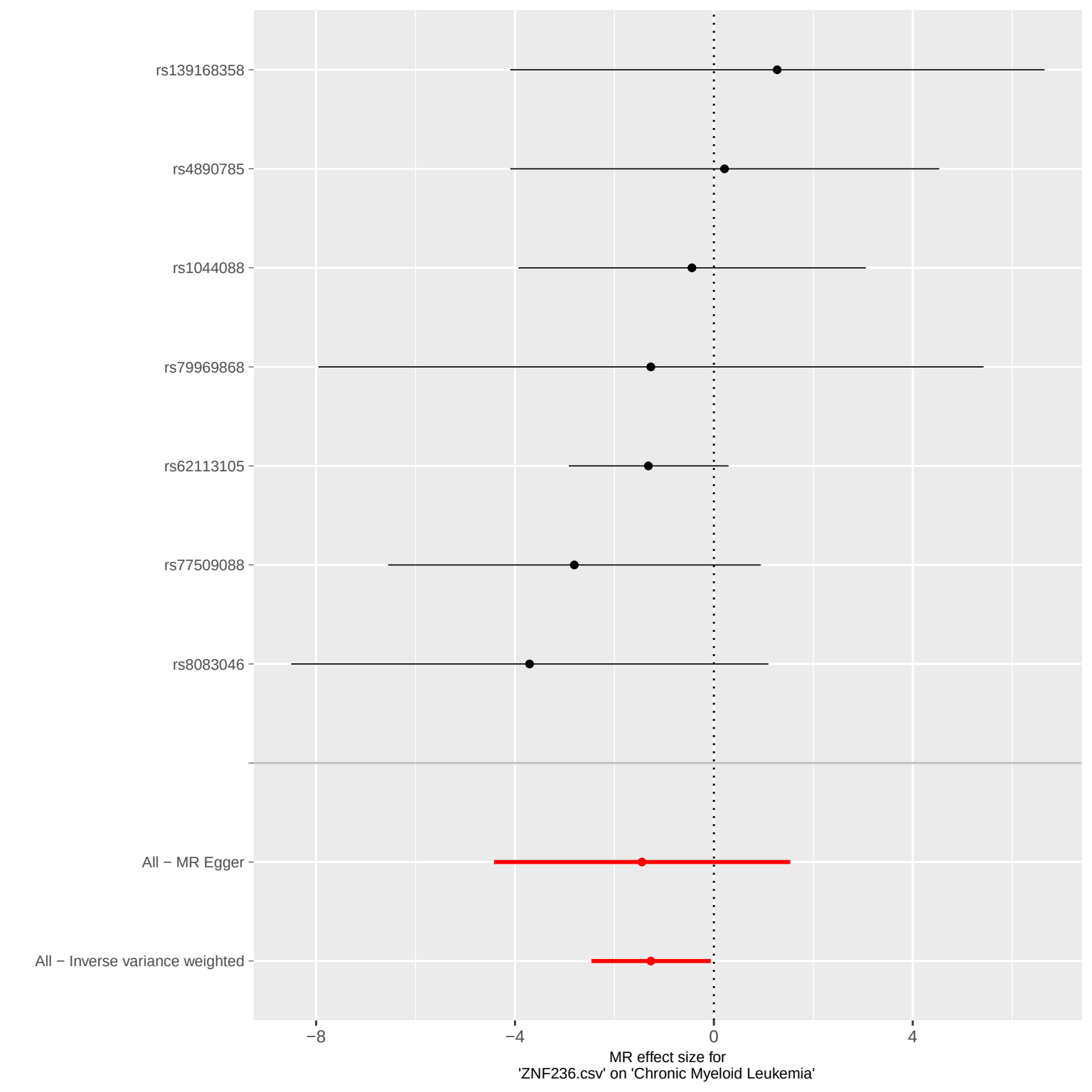
rs172792
rs1810409
rs2238397
rs72772559
rs117007757
rs402936
rs409646
rs7188573
rs117327142
rs11861531
rs117037427
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF205−AS1.csv' on 'Chronic Myeloid Leukemia'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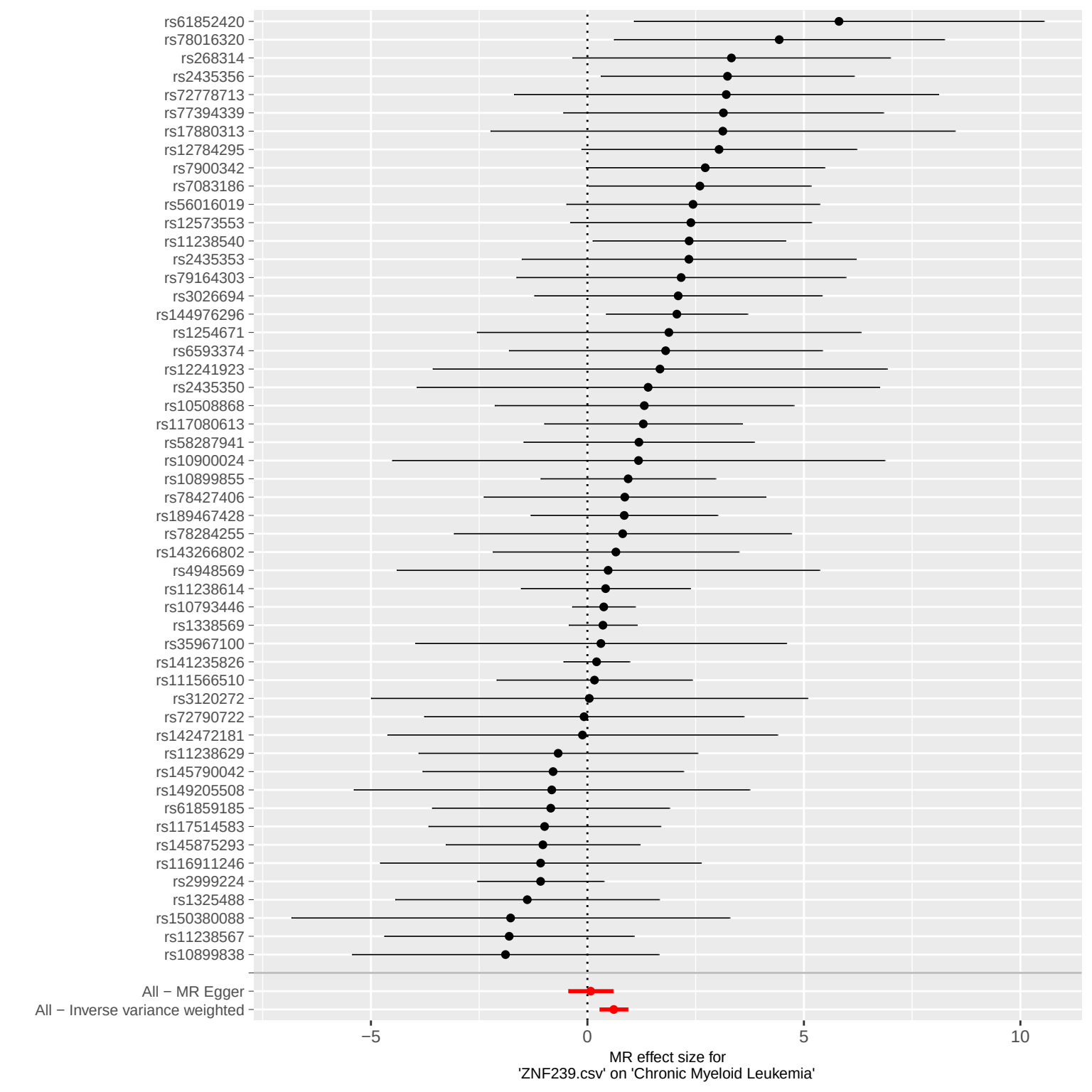
rs4890785
rs1044088
rs79969868
rs62113105
rs77509088
rs8083046
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ZNF236.csv' on 'Chronic Myeloid Leukemia'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rs1254671
rs6593374
rs12241923
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rs78427406
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rs78284255
rs143266802
rs4948569
rs11238614
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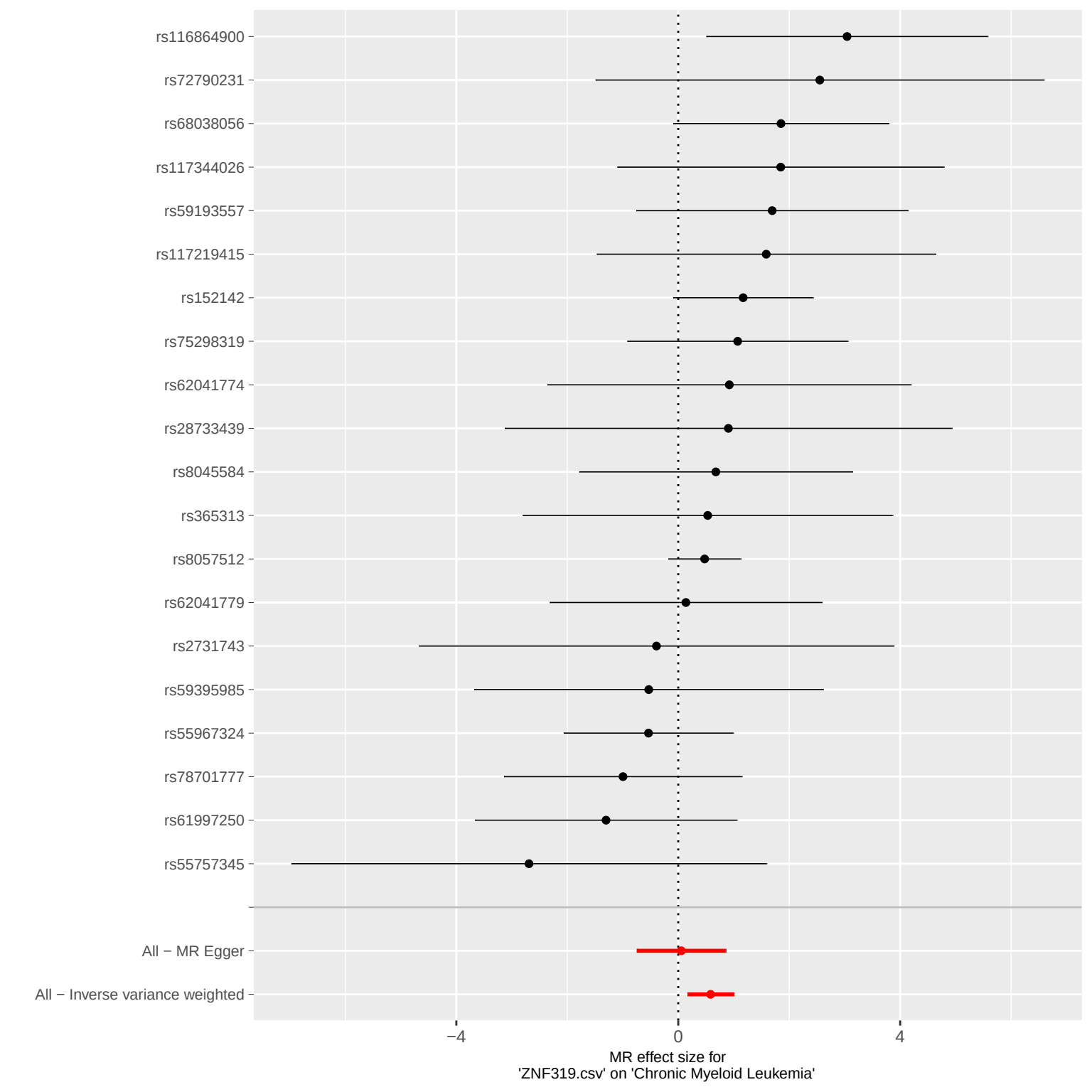
rs1338569
rs35967100
rs141235826
rs111566510
rs3120272
rs72790722
rs142472181
rs11238629
rs145790042
rs149205508
rs61859185
rs117514583
rs145875293
rs116911246
rs2999224
rs1325488
rs150380088
rs11238567
rs10899838
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ZNF239.csv' on 'Chronic Myeloid Leukemia'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rs62041774
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rs8045584
rs365313
rs8057512
rs62041779
rs2731743
rs59395985
rs55967324
rs78701777
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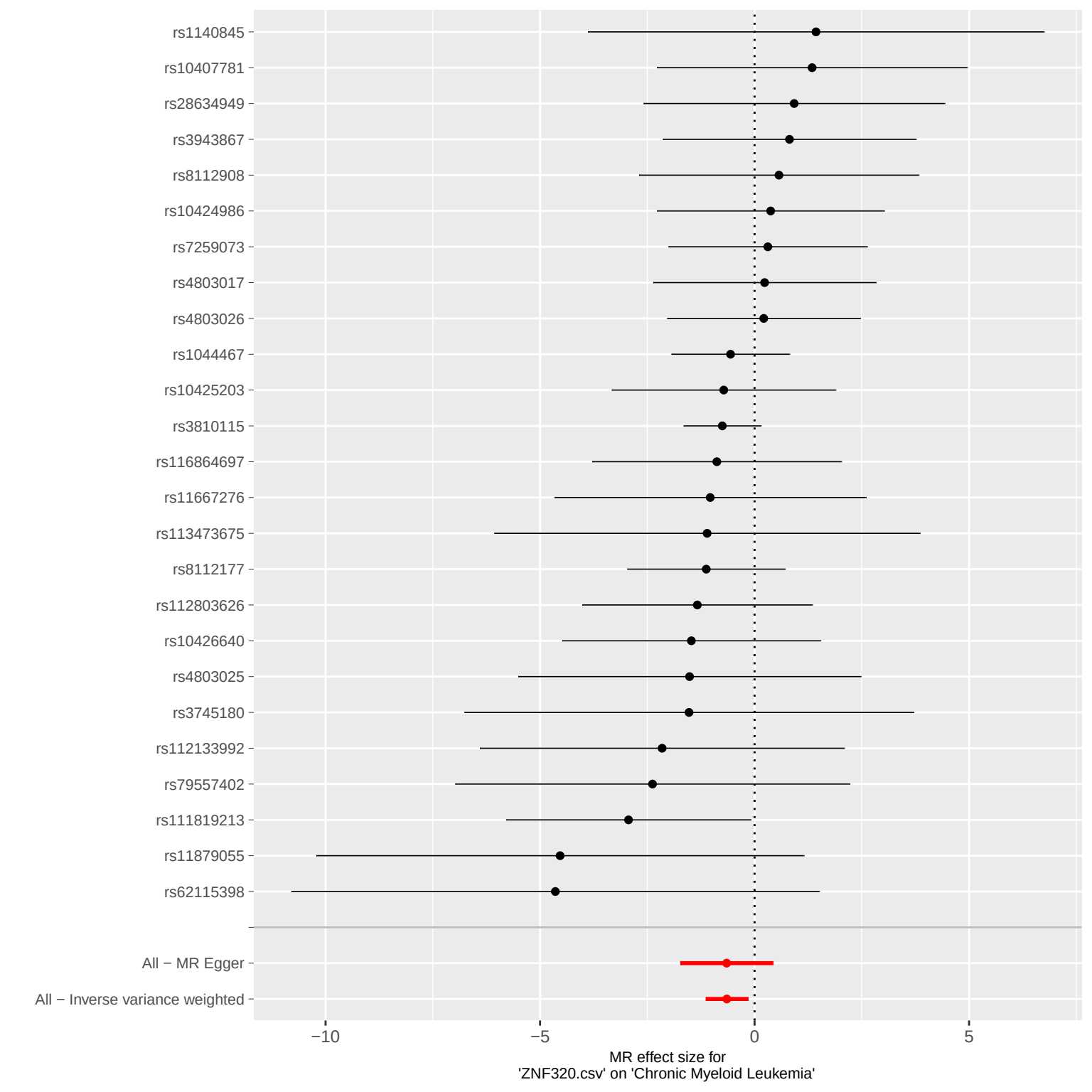
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF319.csv' on 'Chronic Myeloid Leukemia'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rs10425203
rs3810115
rs116864697
rs11667276
rs113473675
rs8112177
rs112803626
rs10426640
rs4803025
rs3745180
rs112133992
rs79557402
rs111819213
rs11879055
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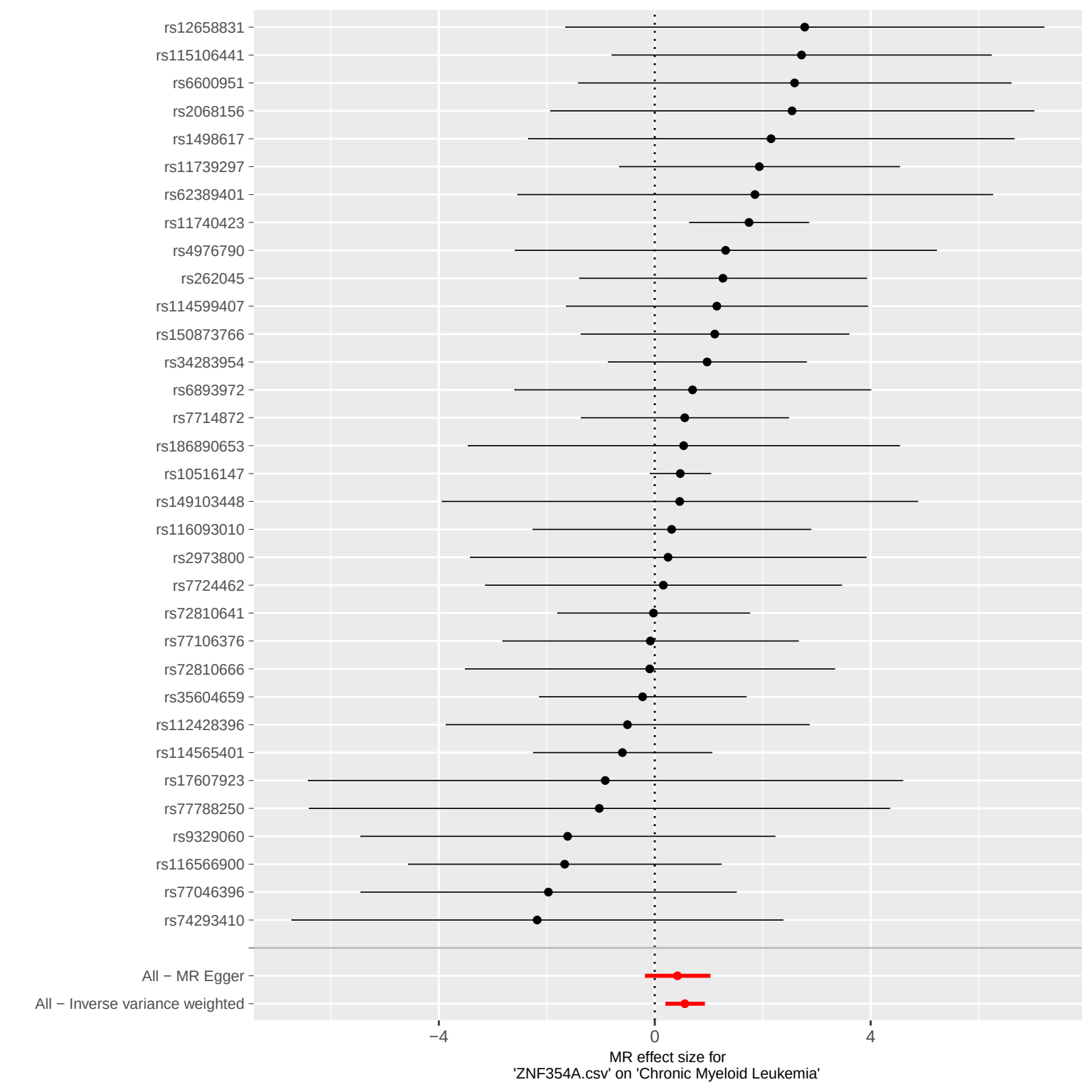
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZNF320.csv' on 'Chronic Myeloid Leukemia'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rs150873766
rs34283954
rs6893972
rs7714872
rs186890653
rs10516147
rs149103448
rs116093010
rs2973800
rs7724462
rs72810641
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rs72810666
rs35604659
rs112428396
rs114565401
rs17607923
rs77788250
rs9329060
rs116566900
rs77046396
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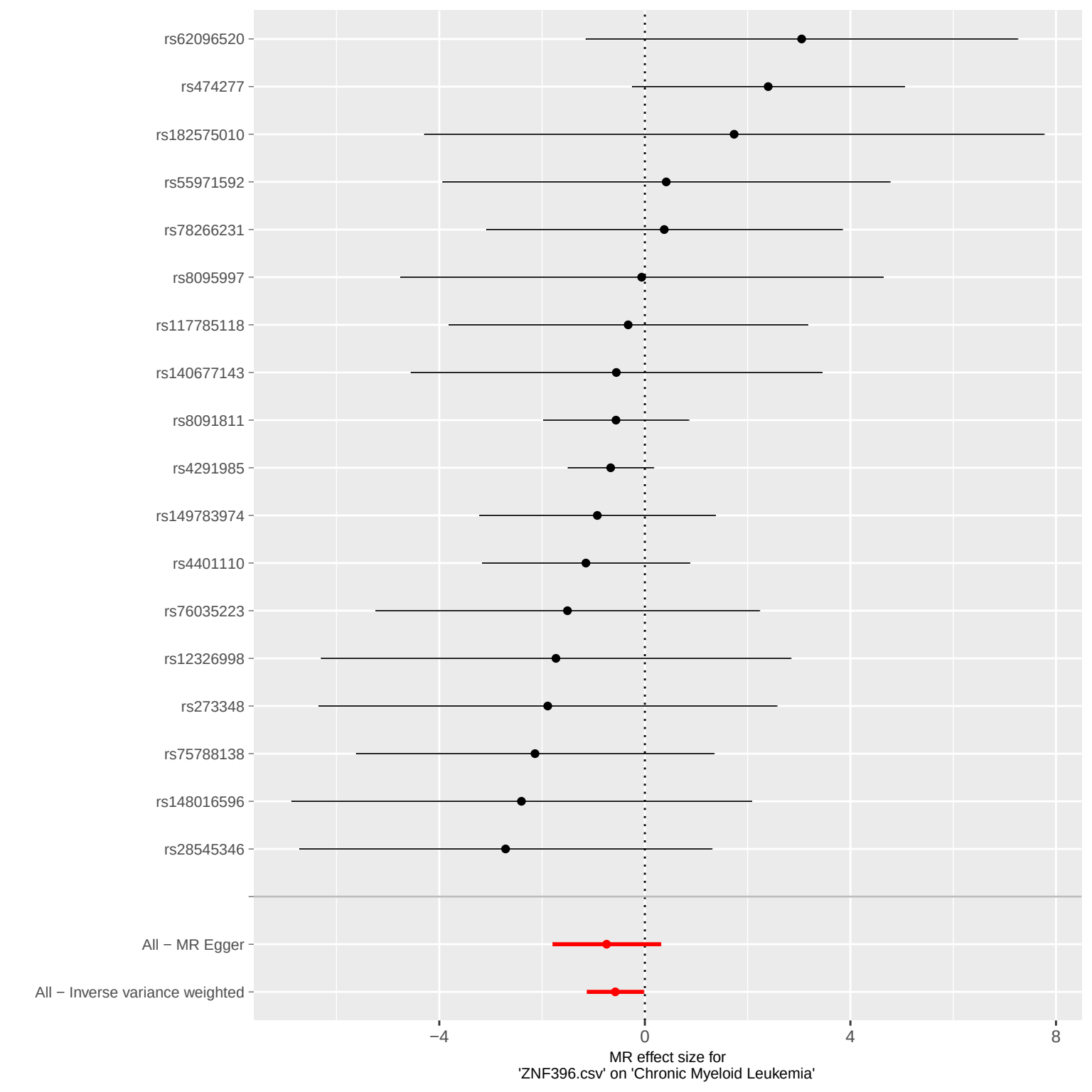
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF354A.csv' on 'Chronic Myeloid Leukemia'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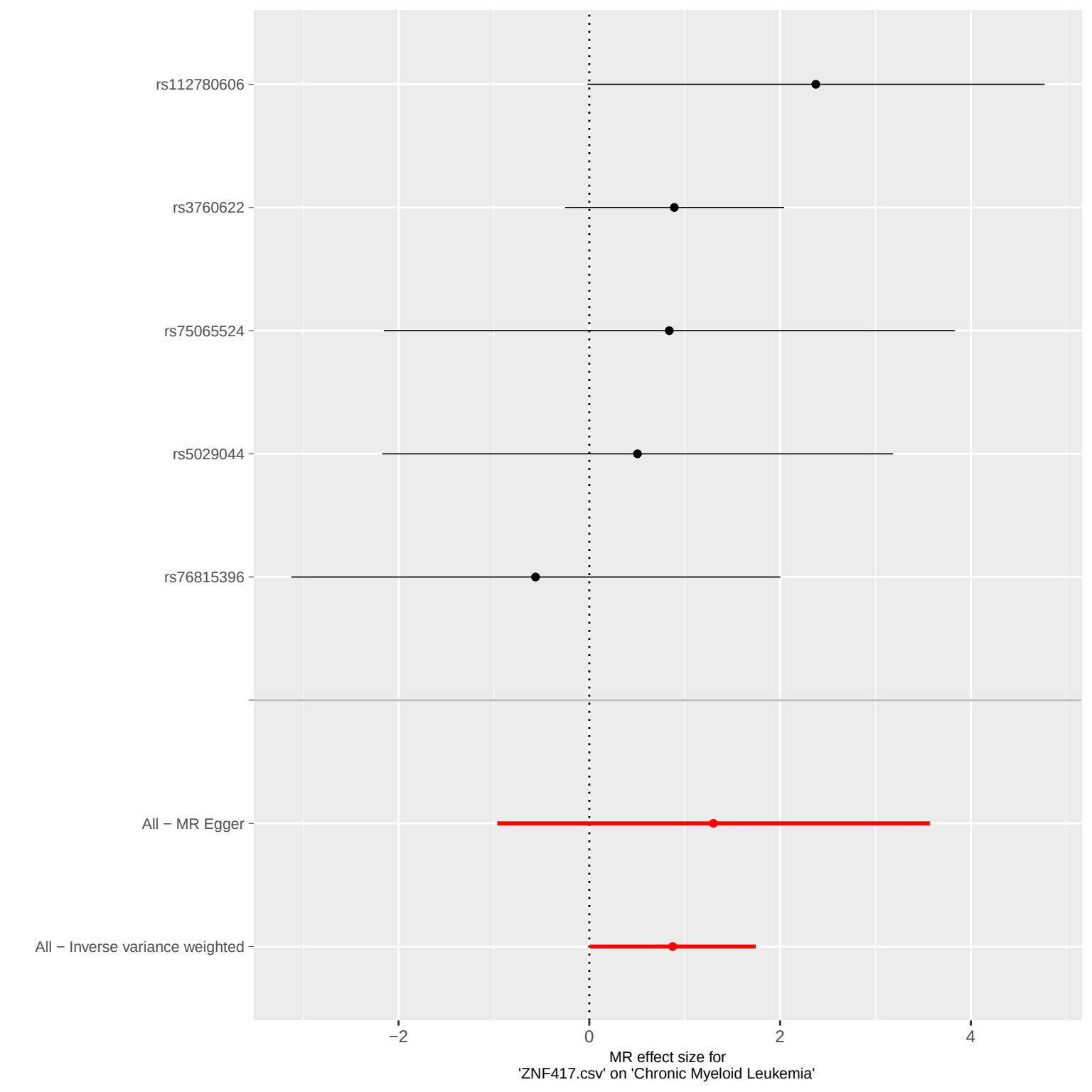
rs8091811
rs4291985
rs149783974
rs4401110
rs76035223
rs12326998
rs273348
rs75788138
rs148016596
rs28545346
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ZNF396.csv' on 'Chronic Myeloid Leukemia'


rs112780606
rs3760622
rs75065524
rs5029044
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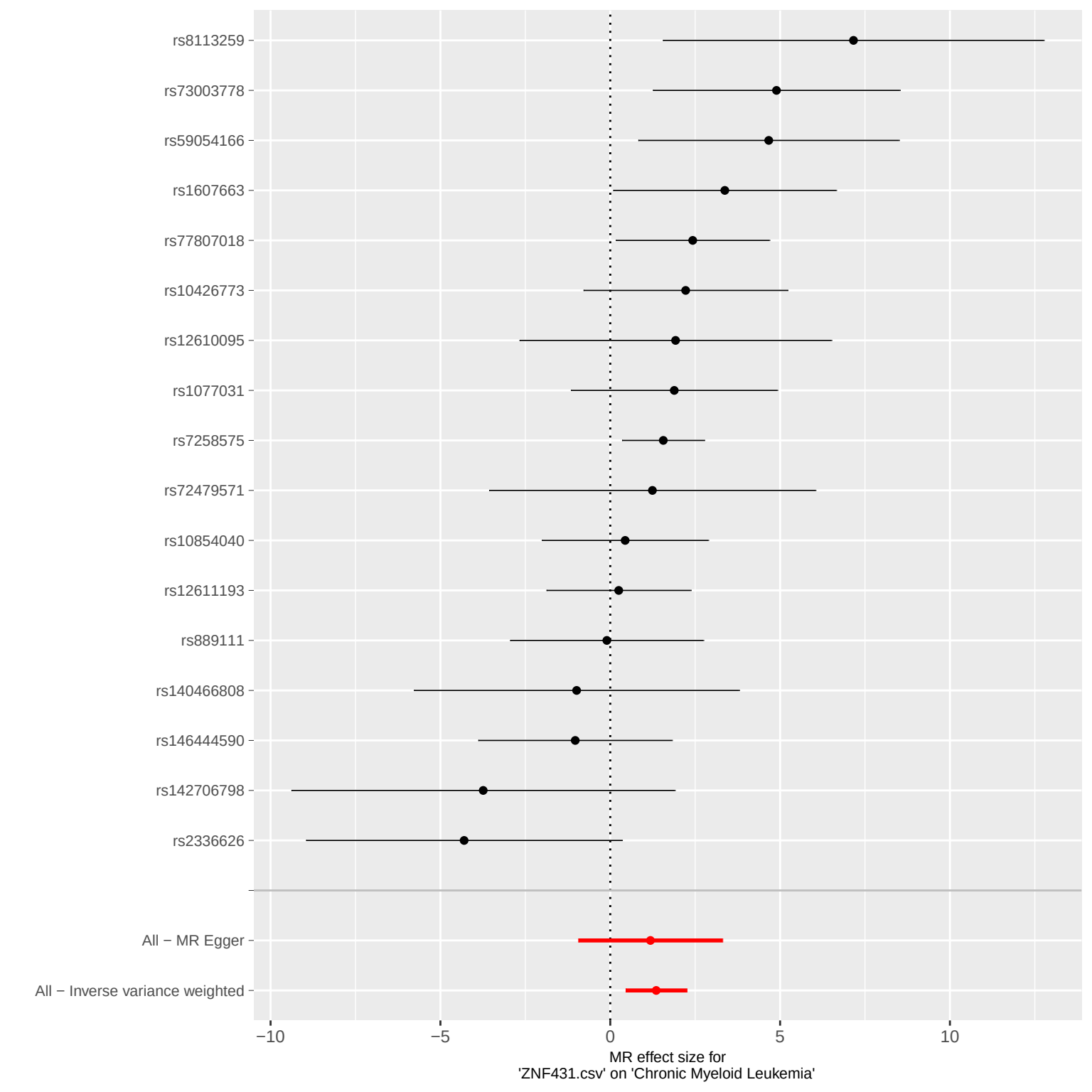
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZNF417.csv' on 'Chronic Myeloid Leukemia'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rs10426773
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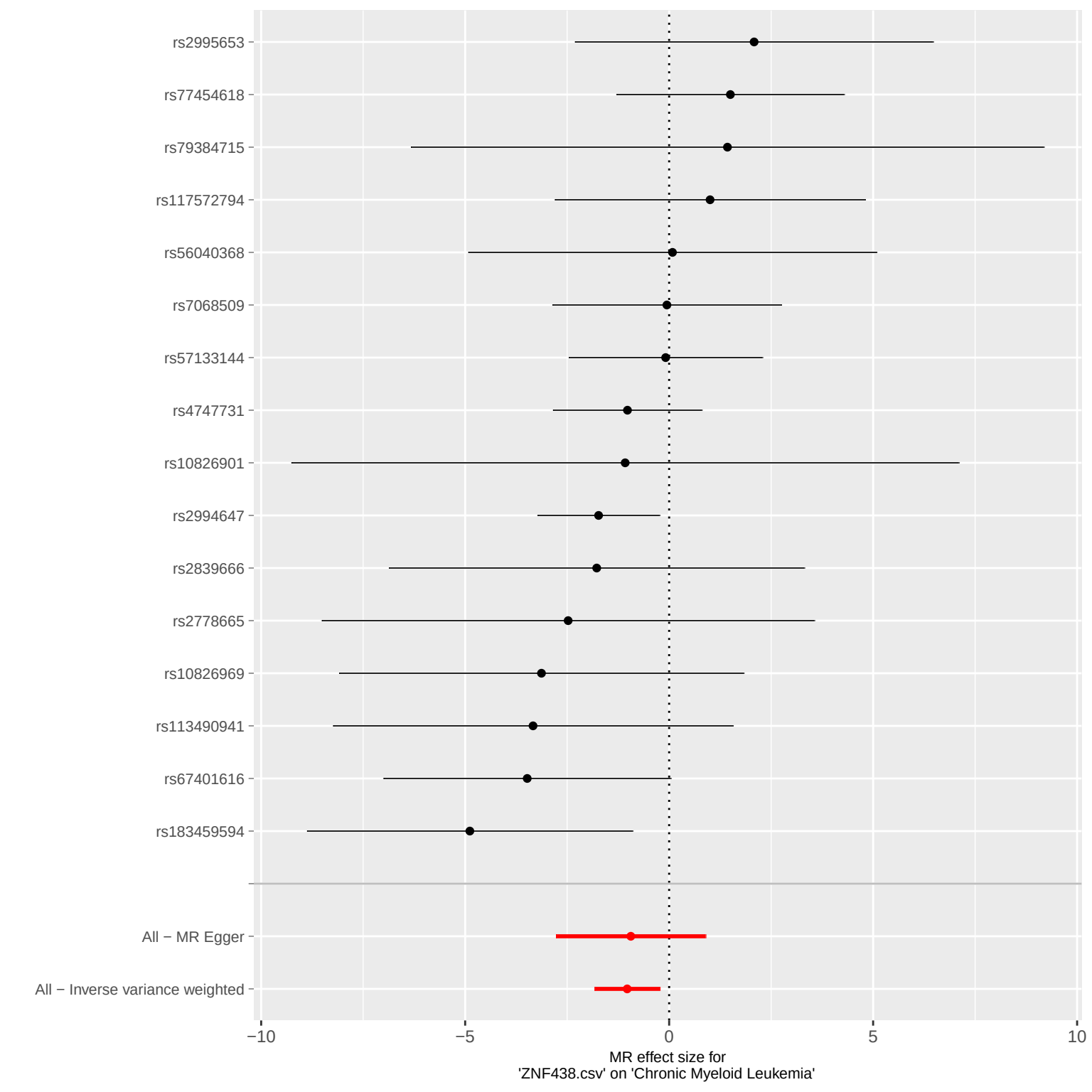
rs1077031
rs7258575
rs72479571
rs10854040
rs12611193
rs889111
rs140466808
rs146444590
rs142706798
rs2336626
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ZNF431.csv' on 'Chronic Myeloid Leukemia'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rs10826901
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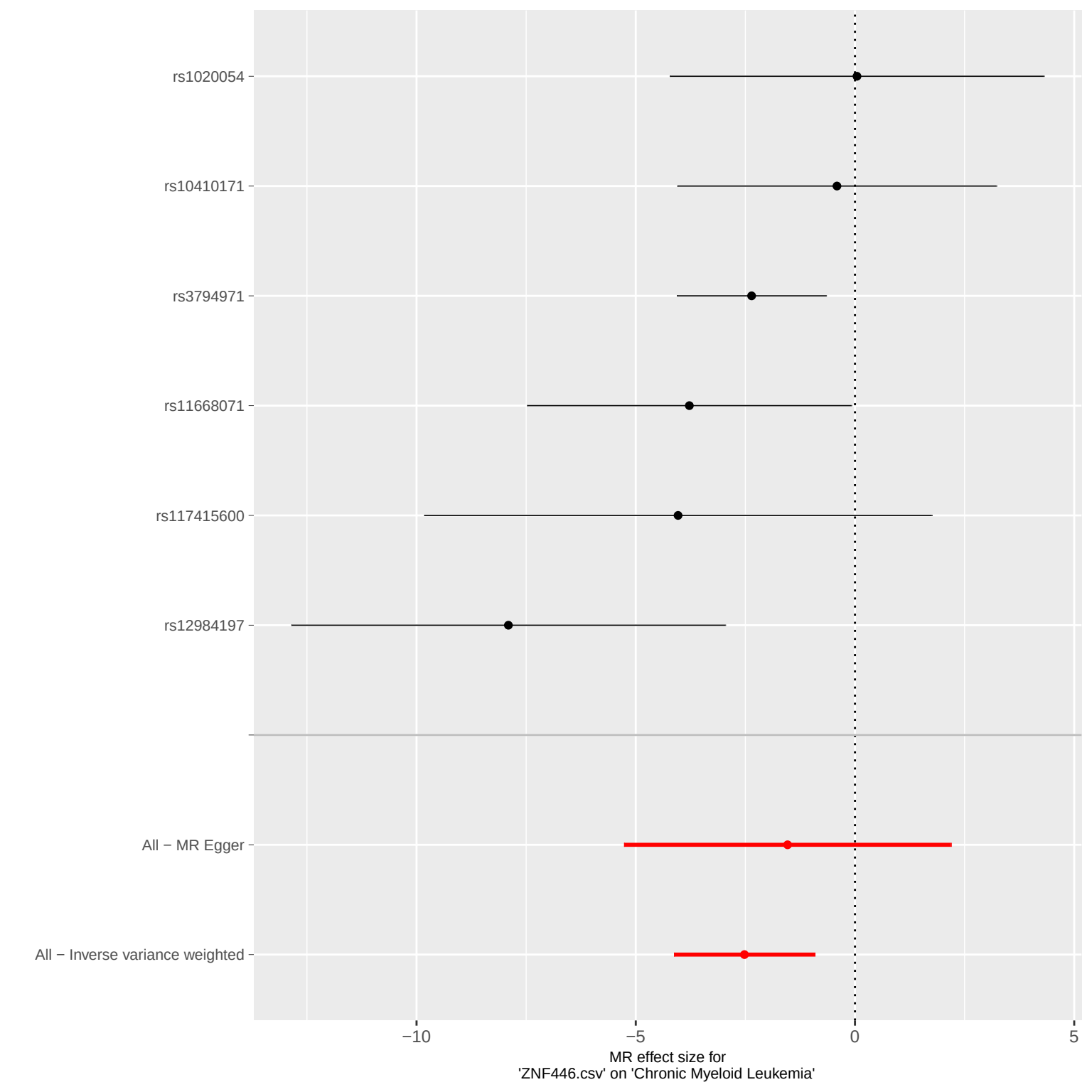
rs2839666
rs2778665
rs10826969
rs113490941
rs67401616
rs183459594
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ZNF438.csv' on 'Chronic Myeloid Leukemia'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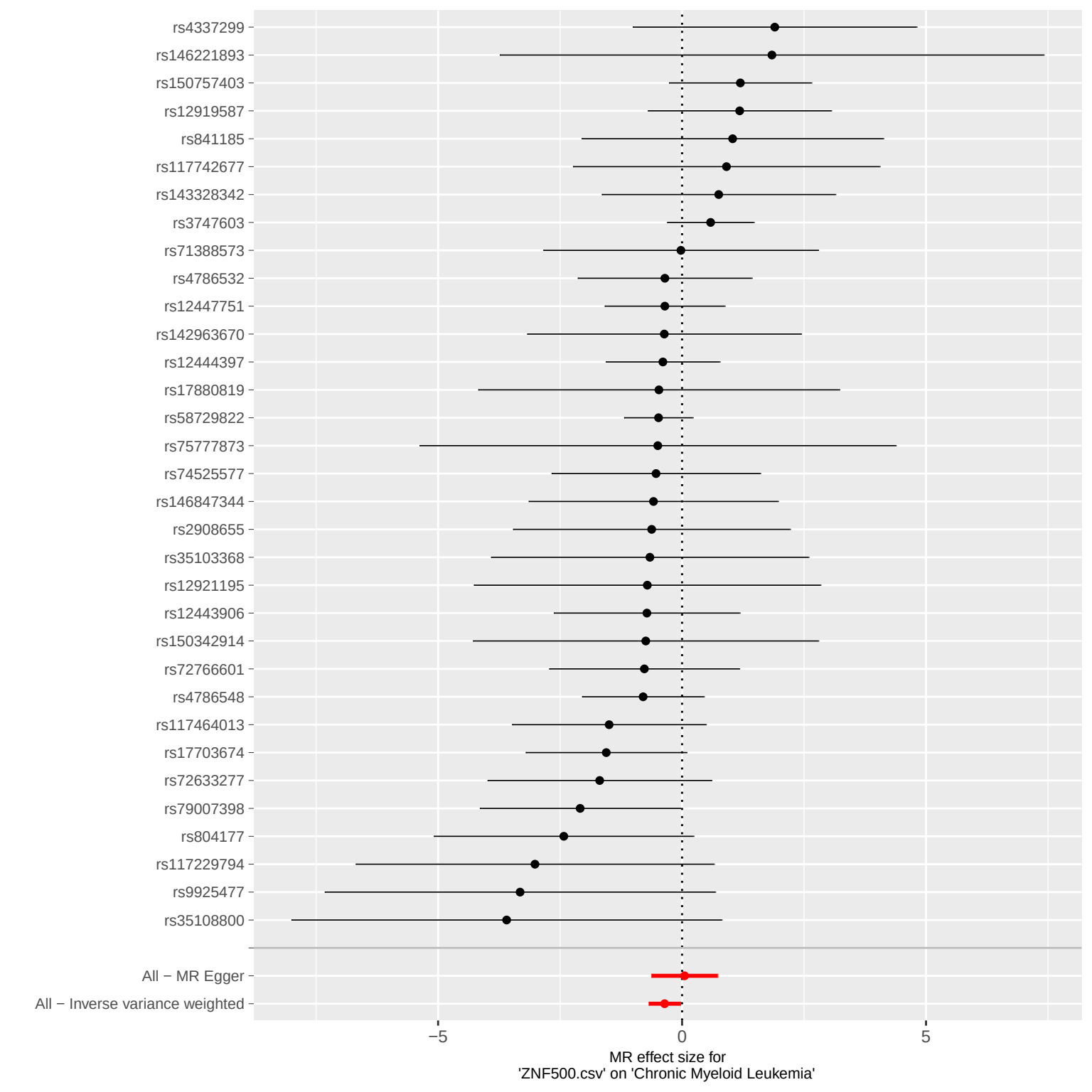
rs10410171
rs3794971
rs11668071
rs117415600
rs12984197
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZNF446.csv' on 'Chronic Myeloid Leukemia'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rs72633277
rs79007398
rs804177
rs117229794
rs9925477
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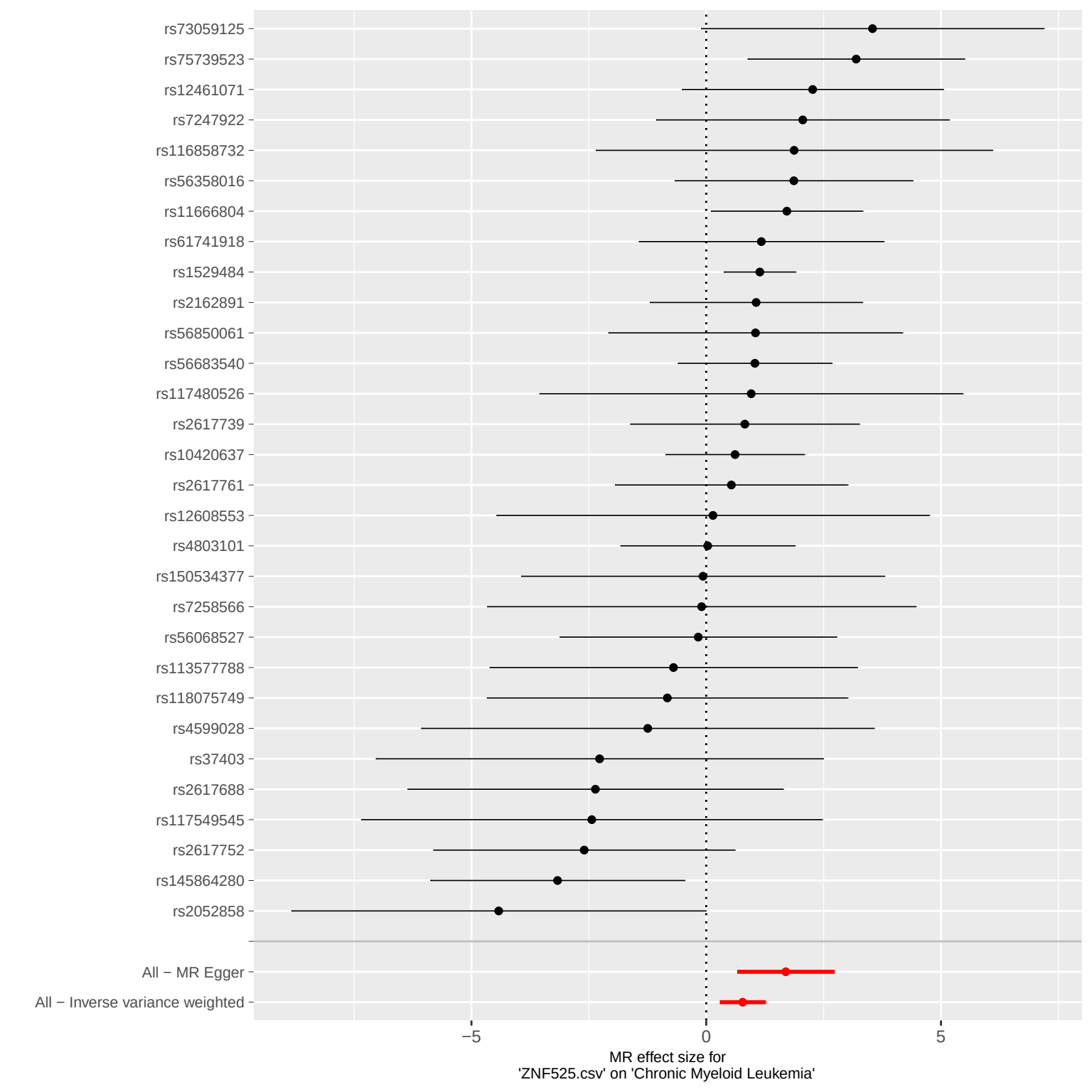
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF500.csv' on 'Chronic Myeloid Leukemia'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rs10420637
rs2617761
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rs118075749
rs4599028
rs37403
rs2617688
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rs2617752
rs145864280
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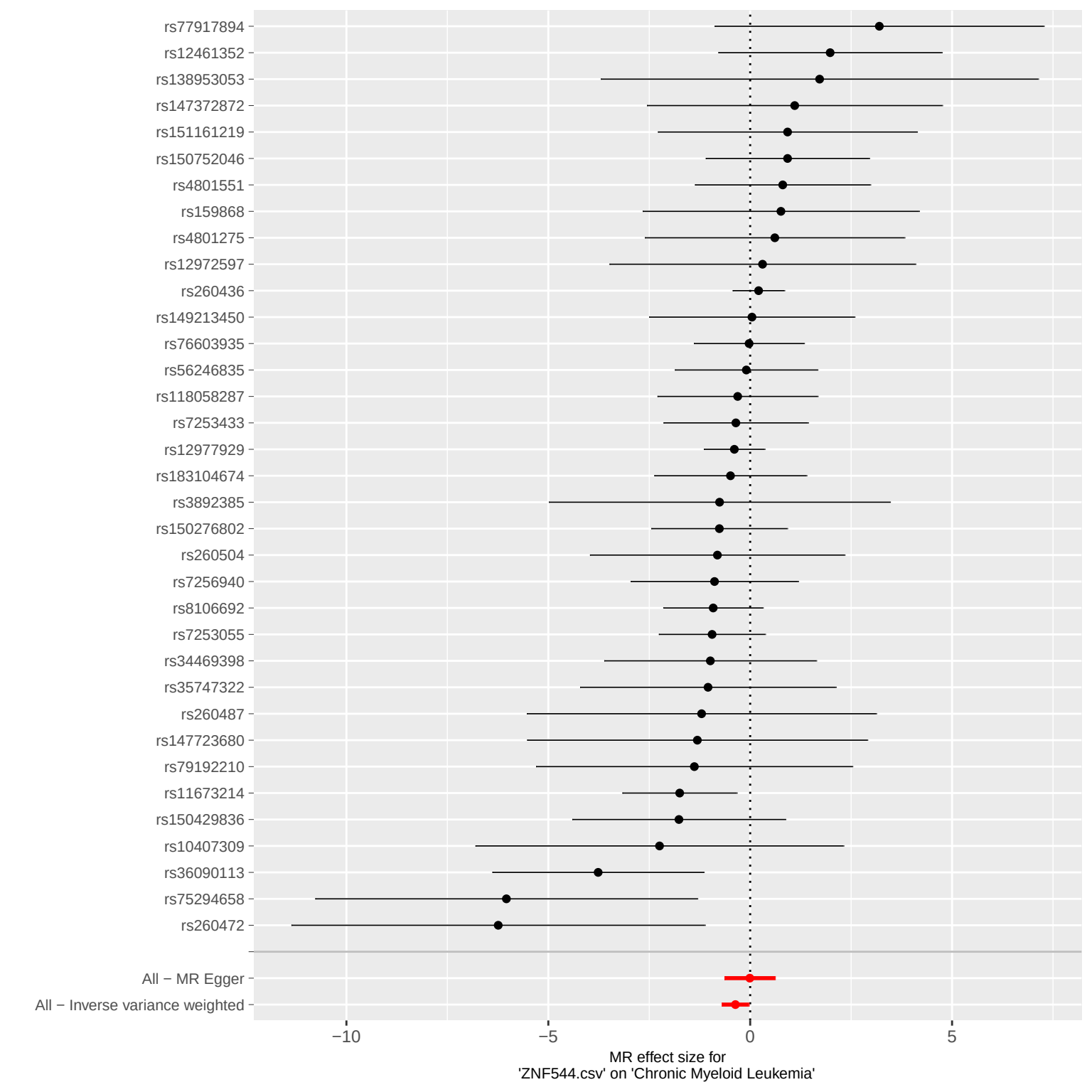
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF525.csv' on 'Chronic Myeloid Leukemia'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rs7253055
rs34469398
rs35747322
rs260487
rs147723680
rs79192210
rs11673214
rs150429836
rs10407309
rs36090113
rs75294658
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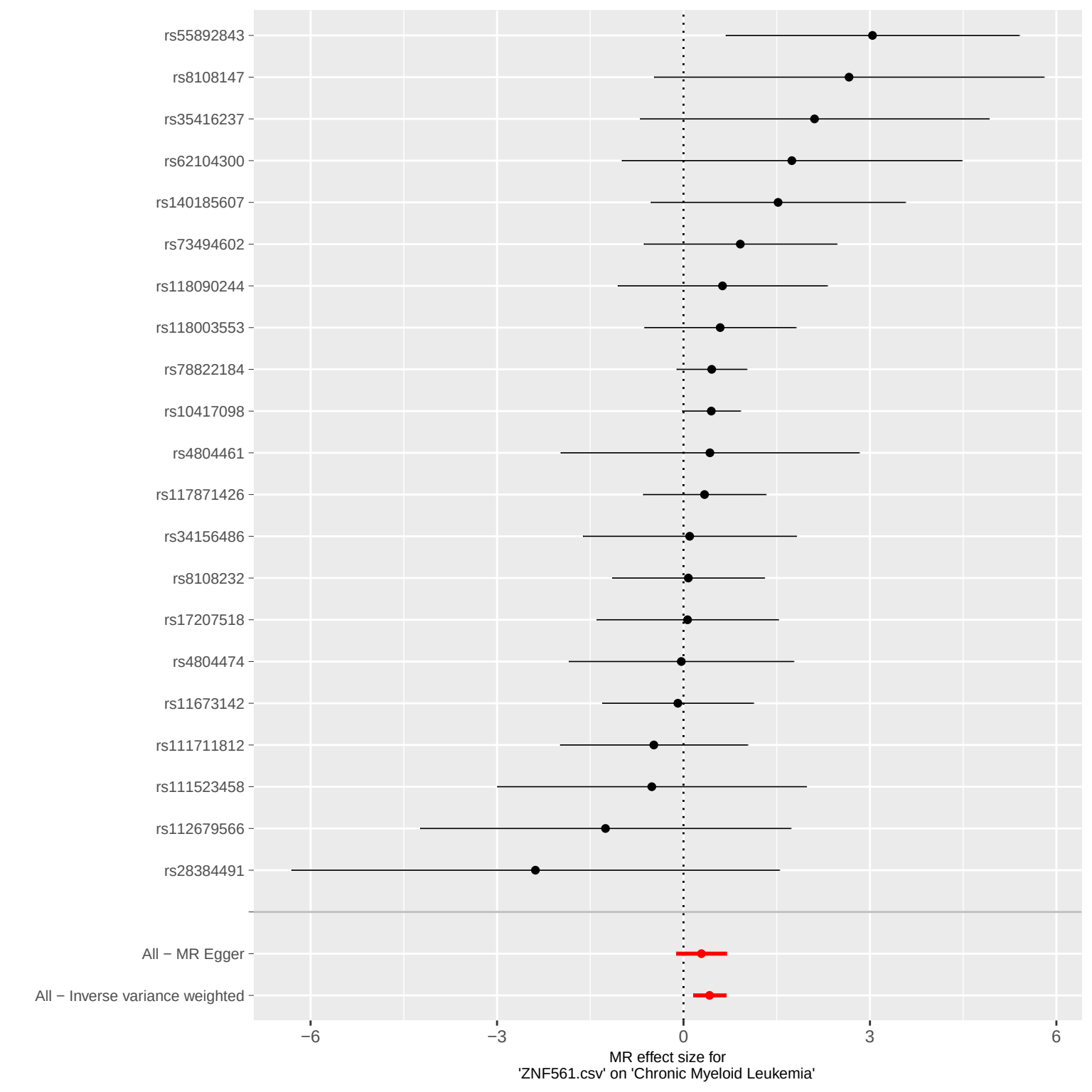
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZNF544.csv' on 'Chronic Myeloid Leukemia'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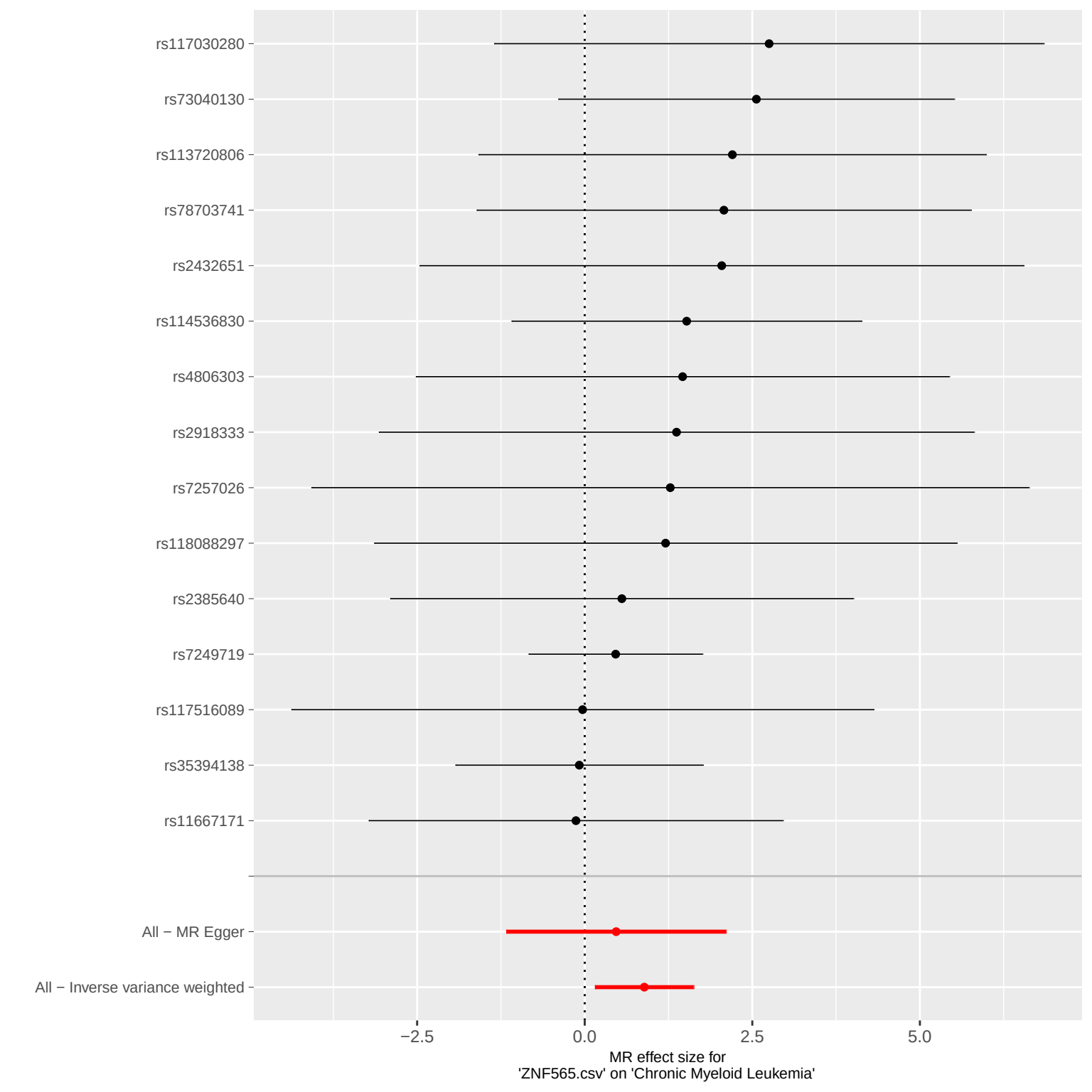
rs34156486
rs8108232
rs17207518
rs4804474
rs11673142
rs111711812
rs111523458
rs112679566
rs28384491
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ZNF561.csv' on 'Chronic Myeloid Leukemia'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rs7257026
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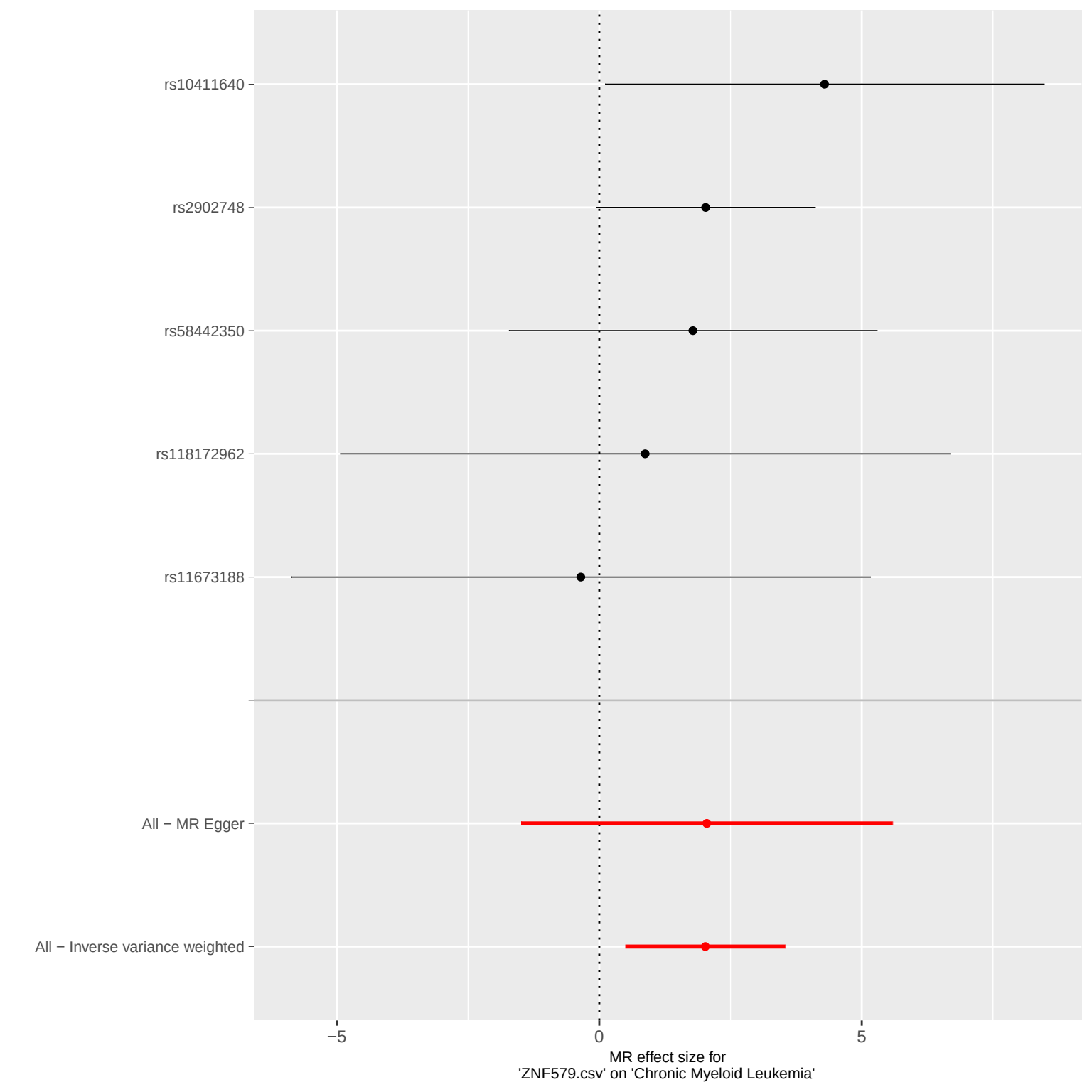
rs7249719
rs117516089
rs35394138
rs11667171
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF565.csv' on 'Chronic Myeloid Leukemia'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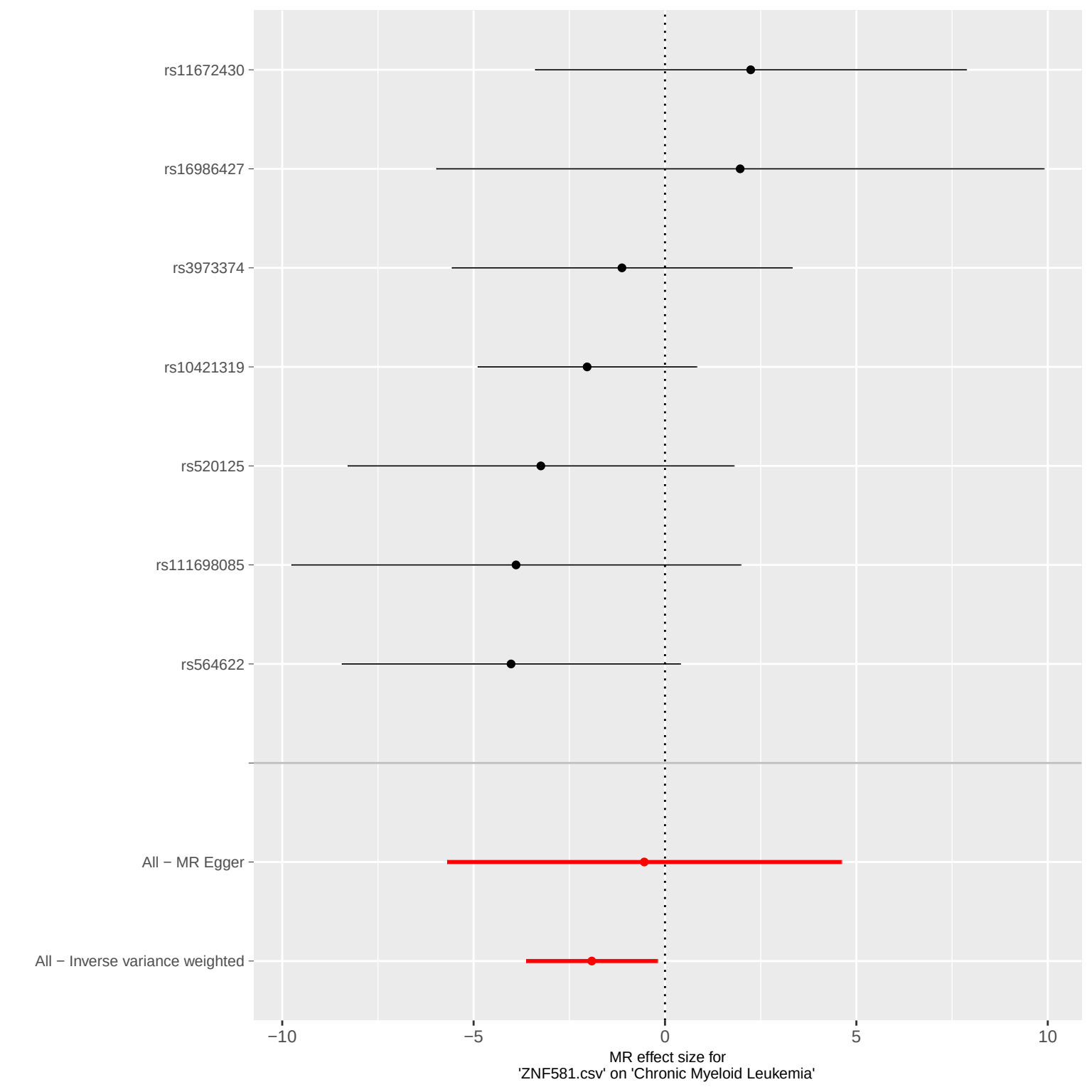
rs2902748
rs58442350
rs118172962
rs11673188
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF579.csv' on 'Chronic Myeloid Leukemia'


rs11672430
rs16986427
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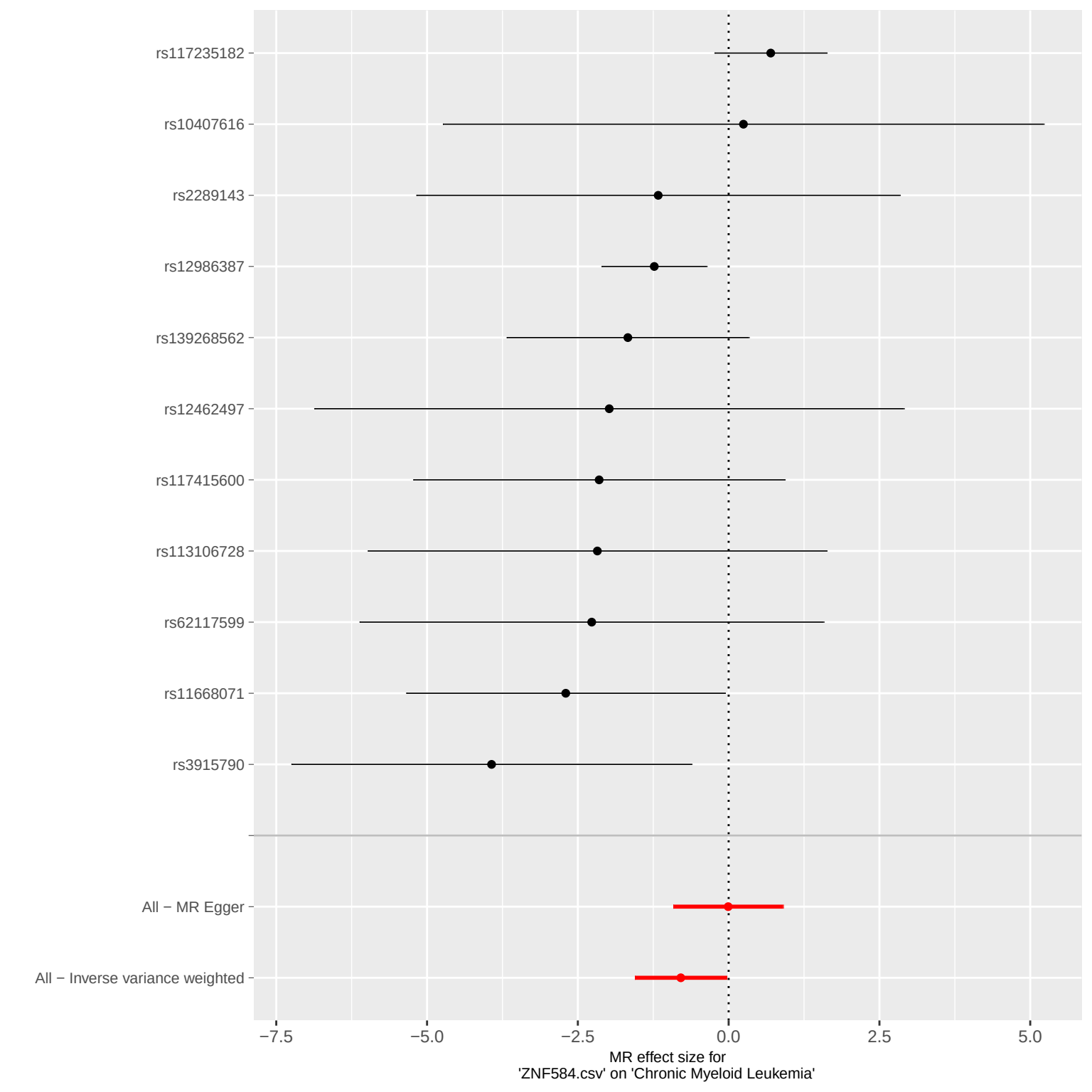
rs10421319
rs520125
rs111698085
rs564622
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ZNF581.csv' on 'Chronic Myeloid Leukemia'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rs117415600
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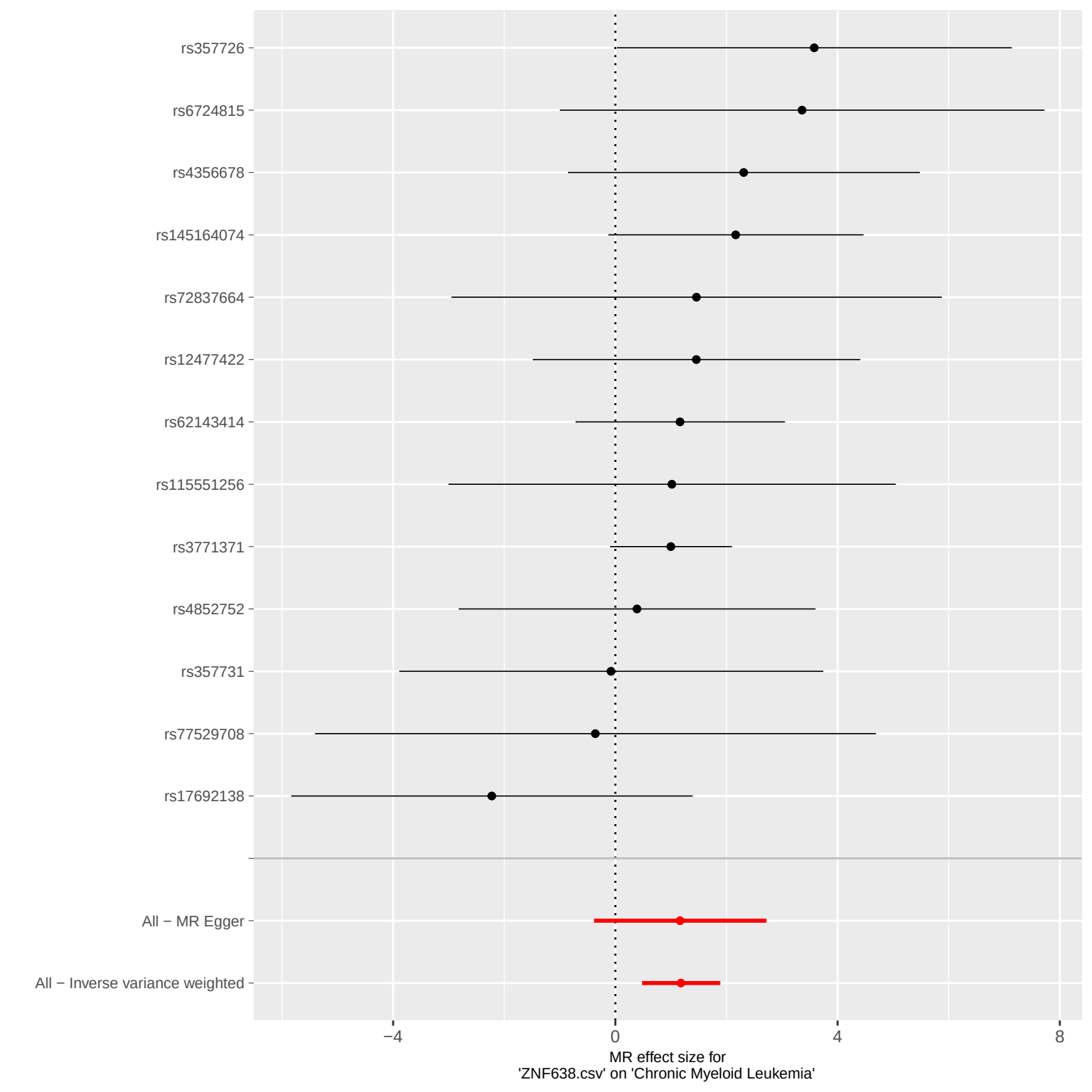
rs3915790
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF584.csv' on 'Chronic Myeloid Leukemia'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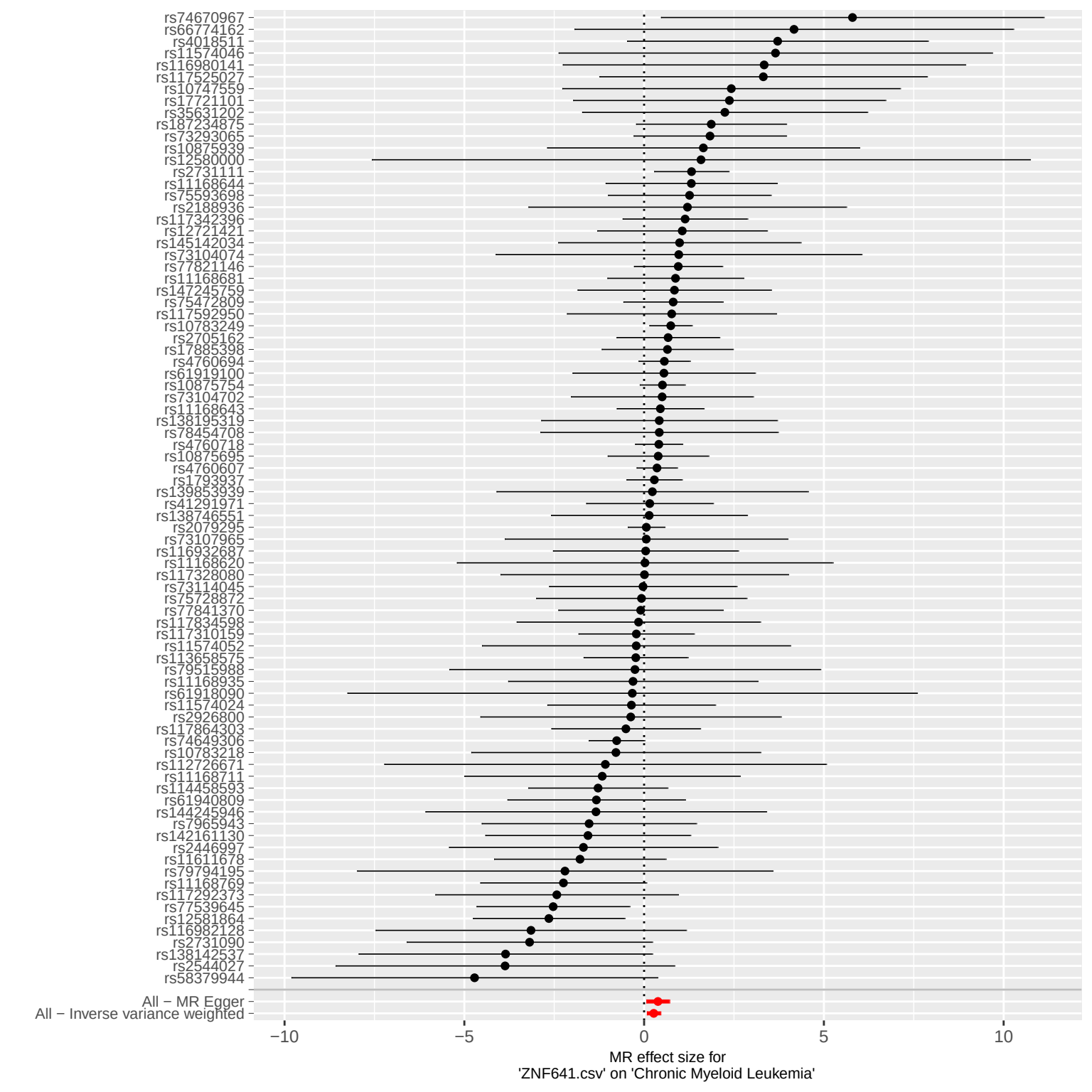
rs115551256
rs3771371
rs4852752
rs357731
rs77529708
rs17692138
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ZNF638.csv' on 'Chronic Myeloid Leukemia'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rs117292373
rs77539645
rs12581864
rs116982128
rs2731090
rs138142537
rs2544027
rs58379944
All − MR Egger
All − Inverse variance weighted
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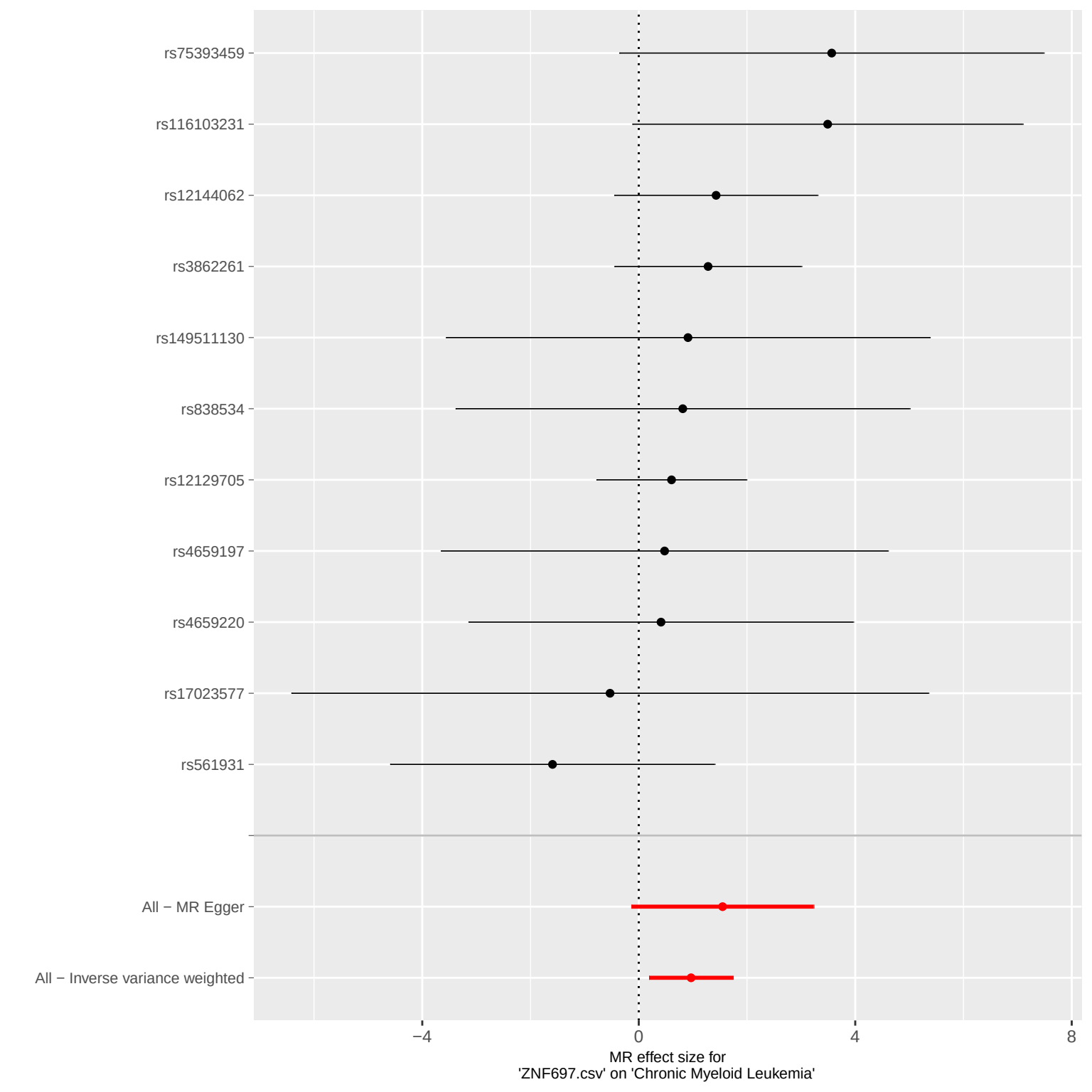
MR effect size for
'ZNF641.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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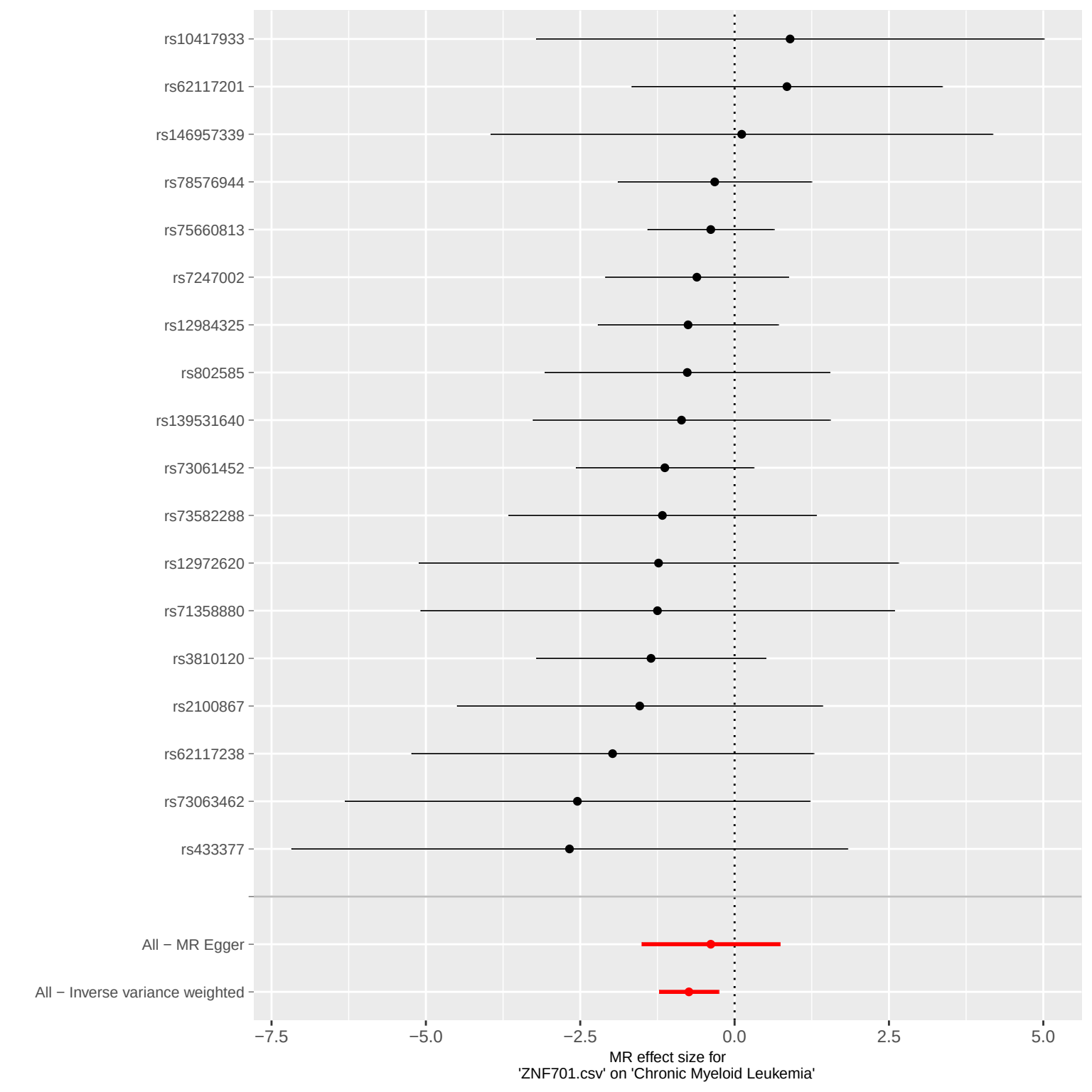
MR effect size for
'ZNF697.csv' on 'Chronic Myeloid Leukemia'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rs12972620
rs71358880
rs3810120
rs2100867
rs62117238
rs73063462
rs433377
All − MR Egger
All − Inverse variance weighted
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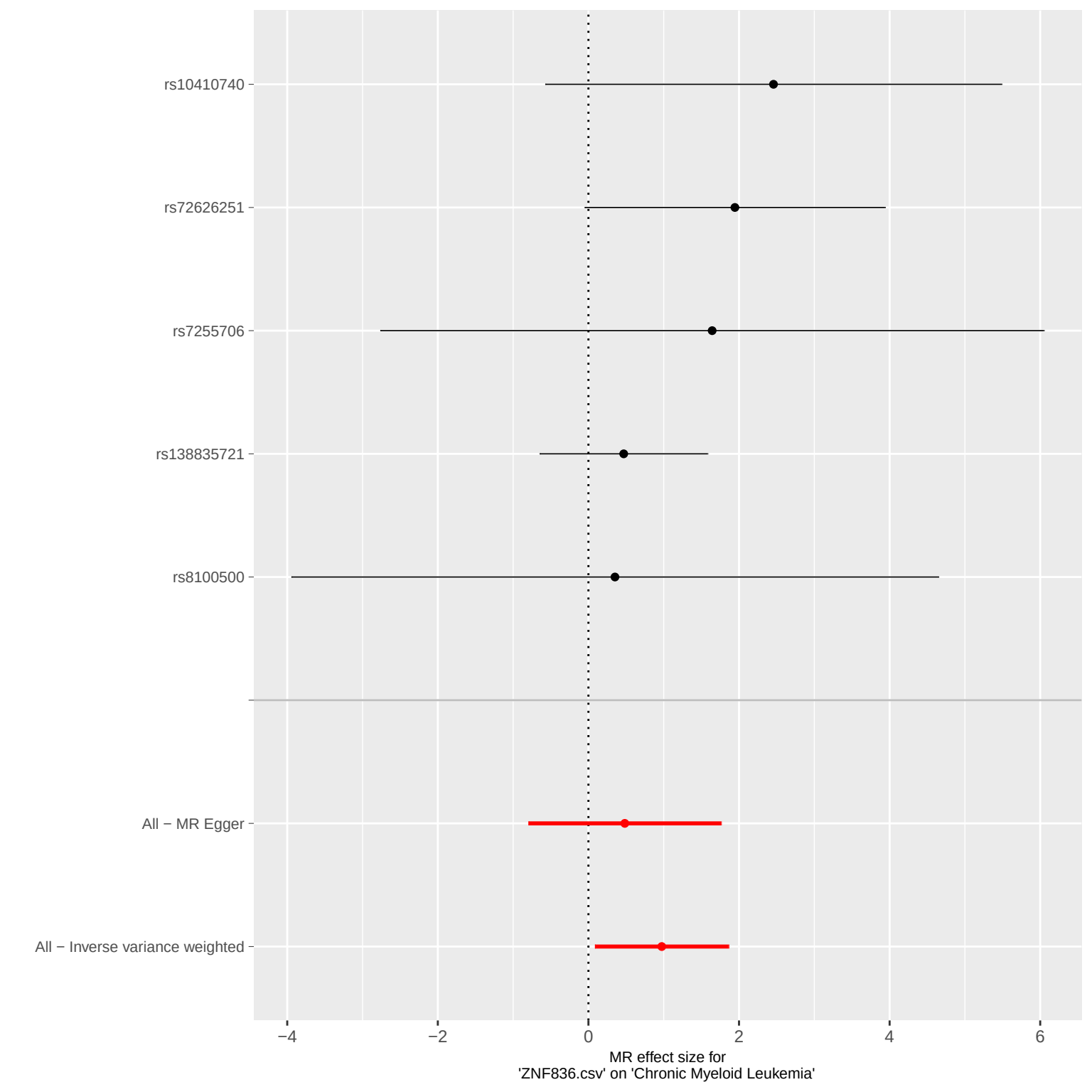
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF701.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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4
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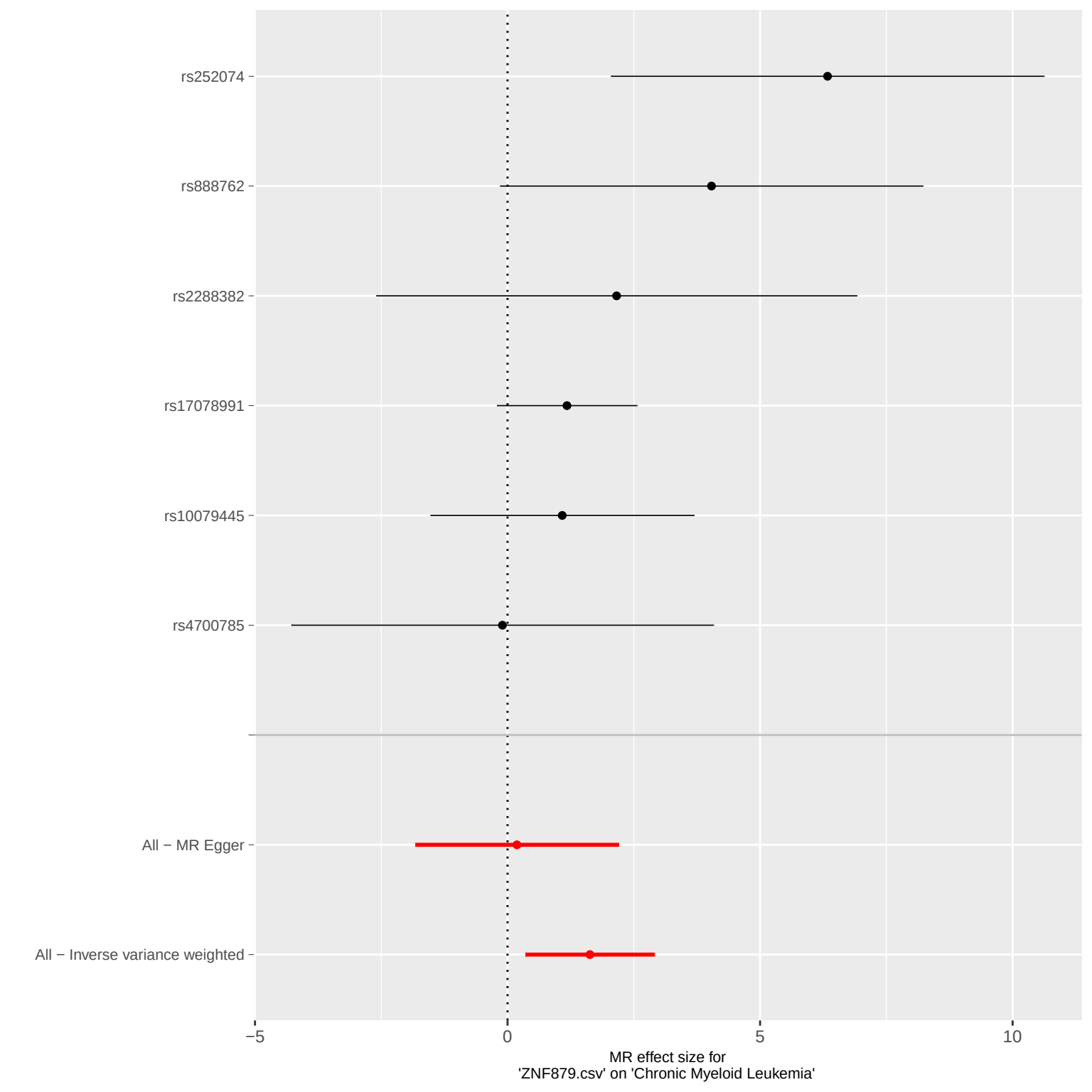
MR effect size for
'ZNF836.csv' on 'Chronic Myeloid Leukemia'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rs17078991
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All − Inverse variance weighted
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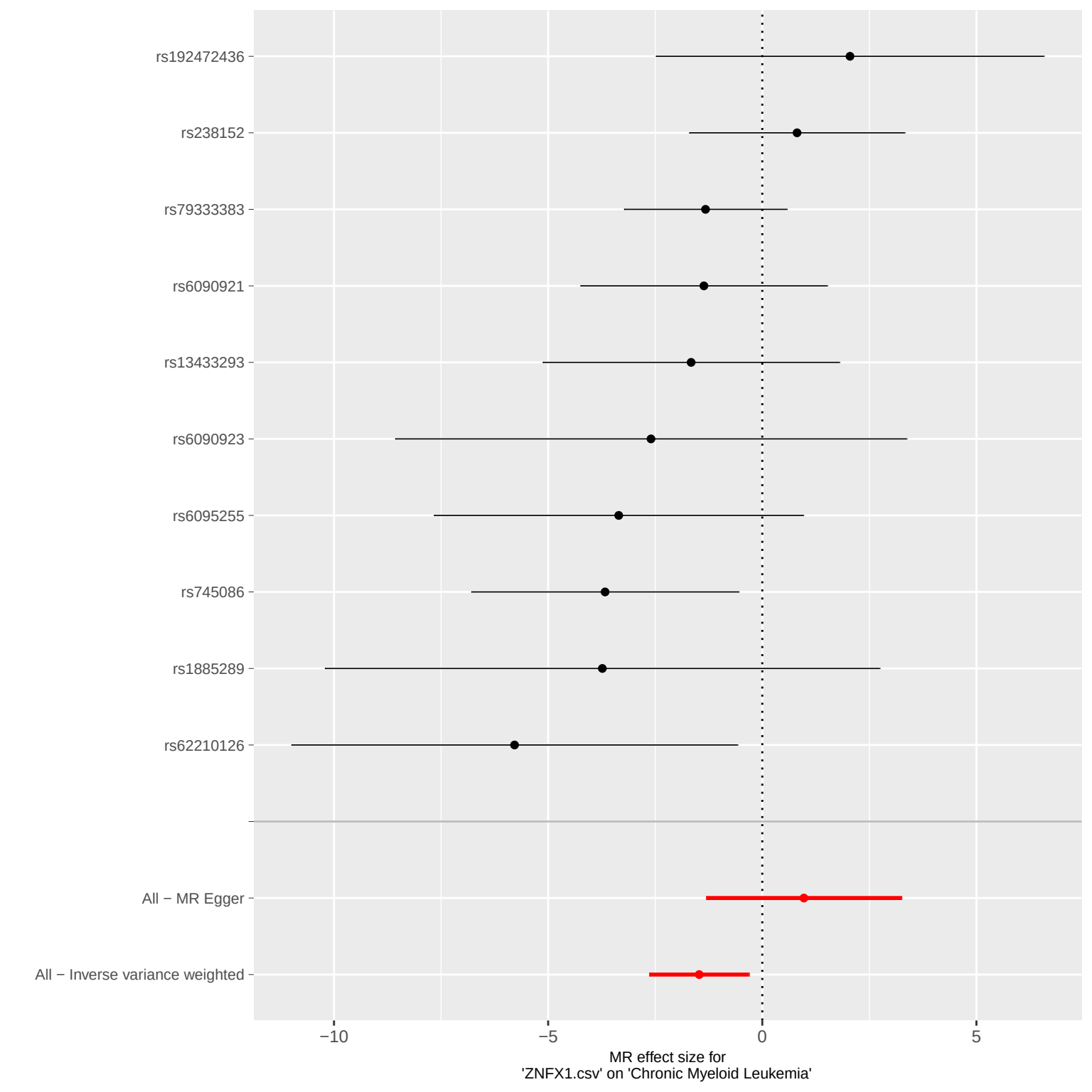
MR effect size for
'ZNF879.csv' on 'Chronic Myeloid Leukemia'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rs745086
rs1885289
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All − MR Egger
All − Inverse variance weighted
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−5
0
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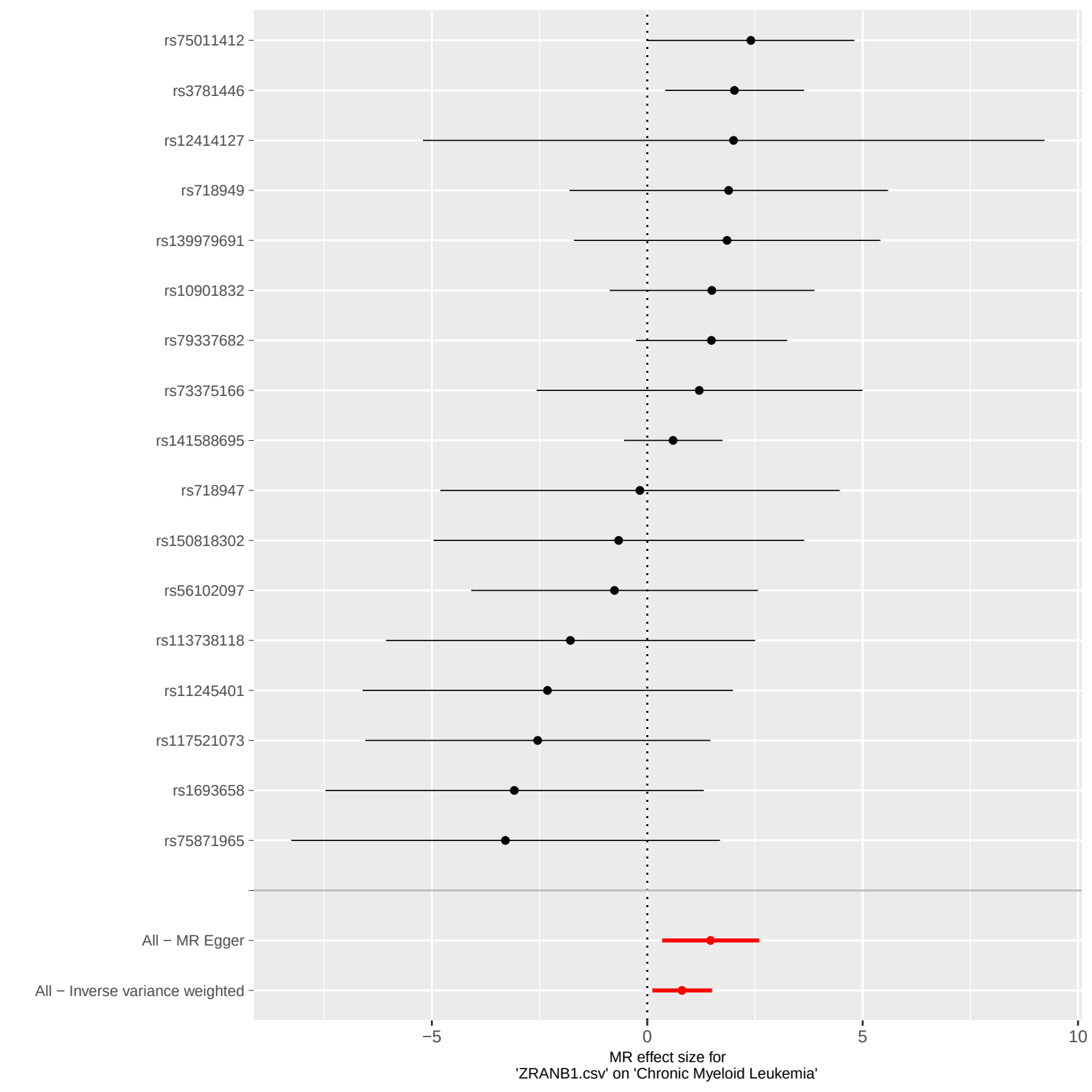
MR effect size for
'ZNFX1.csv' on 'Chronic Myeloid Leukemia'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rs56102097
rs113738118
rs11245401
rs117521073
rs1693658
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All − MR Egger
All − Inverse variance weighted
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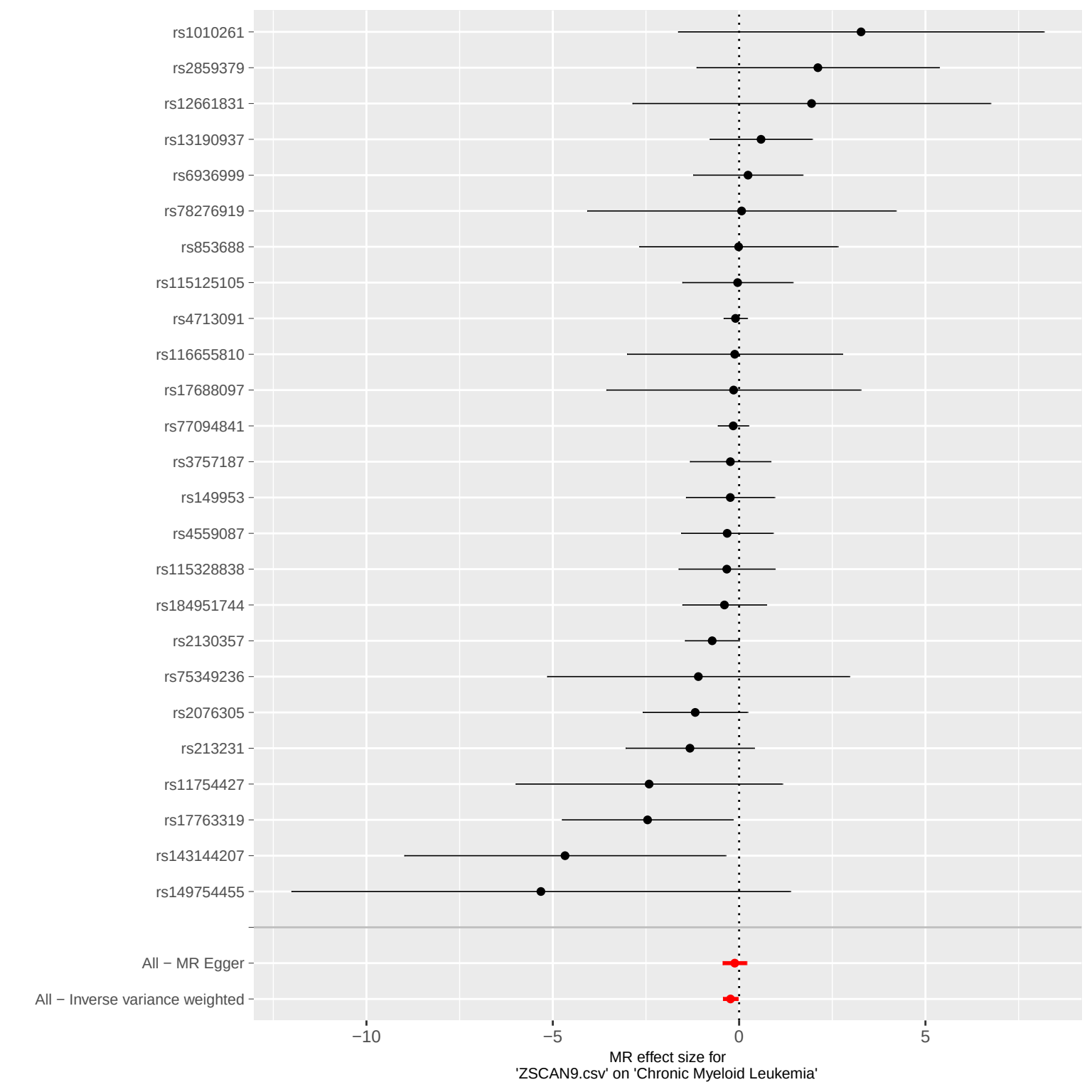
MR effect size for
'ZRANB1.csv' on 'Chronic Myeloid Leukemia'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rs213231
rs11754427
rs17763319
rs143144207
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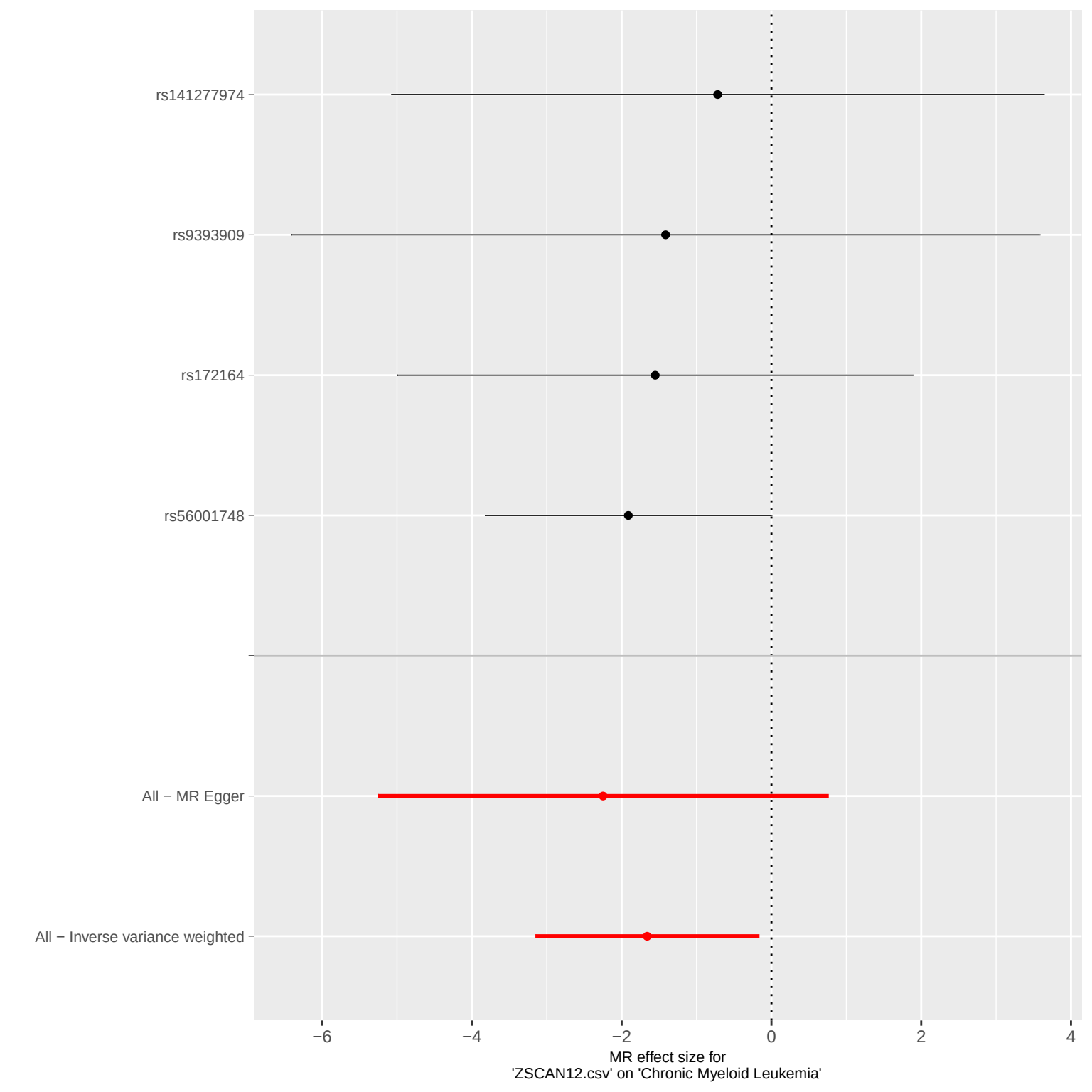
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZSCAN9.csv' on 'Chronic Myeloid Leukemia'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rs9393909
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All − MR Egger
All − Inverse variance weighted
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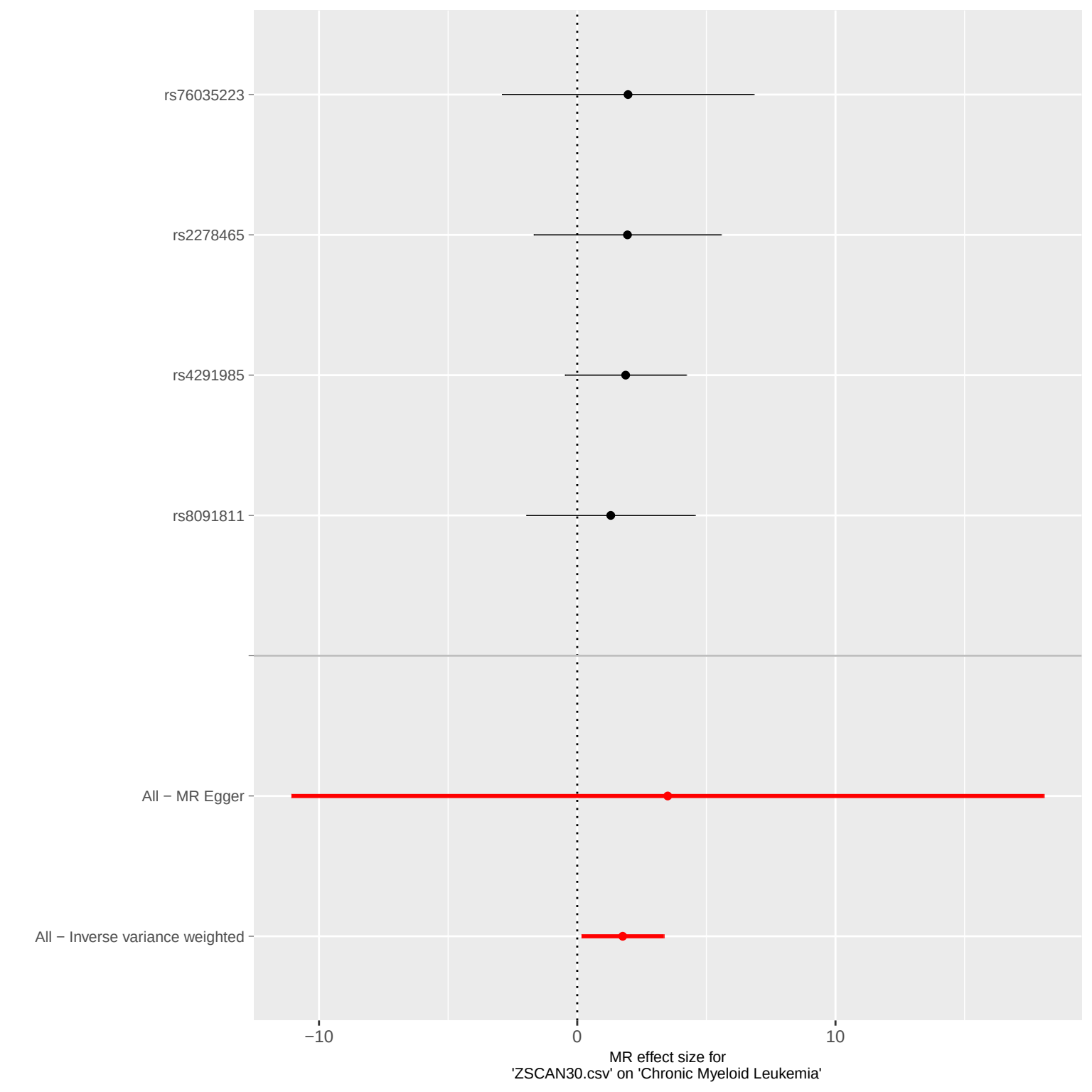
−4
−2
0
2
4
MR effect size for
'ZSCAN12.csv' on 'Chronic Myeloid Leukemia'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MR effect size for
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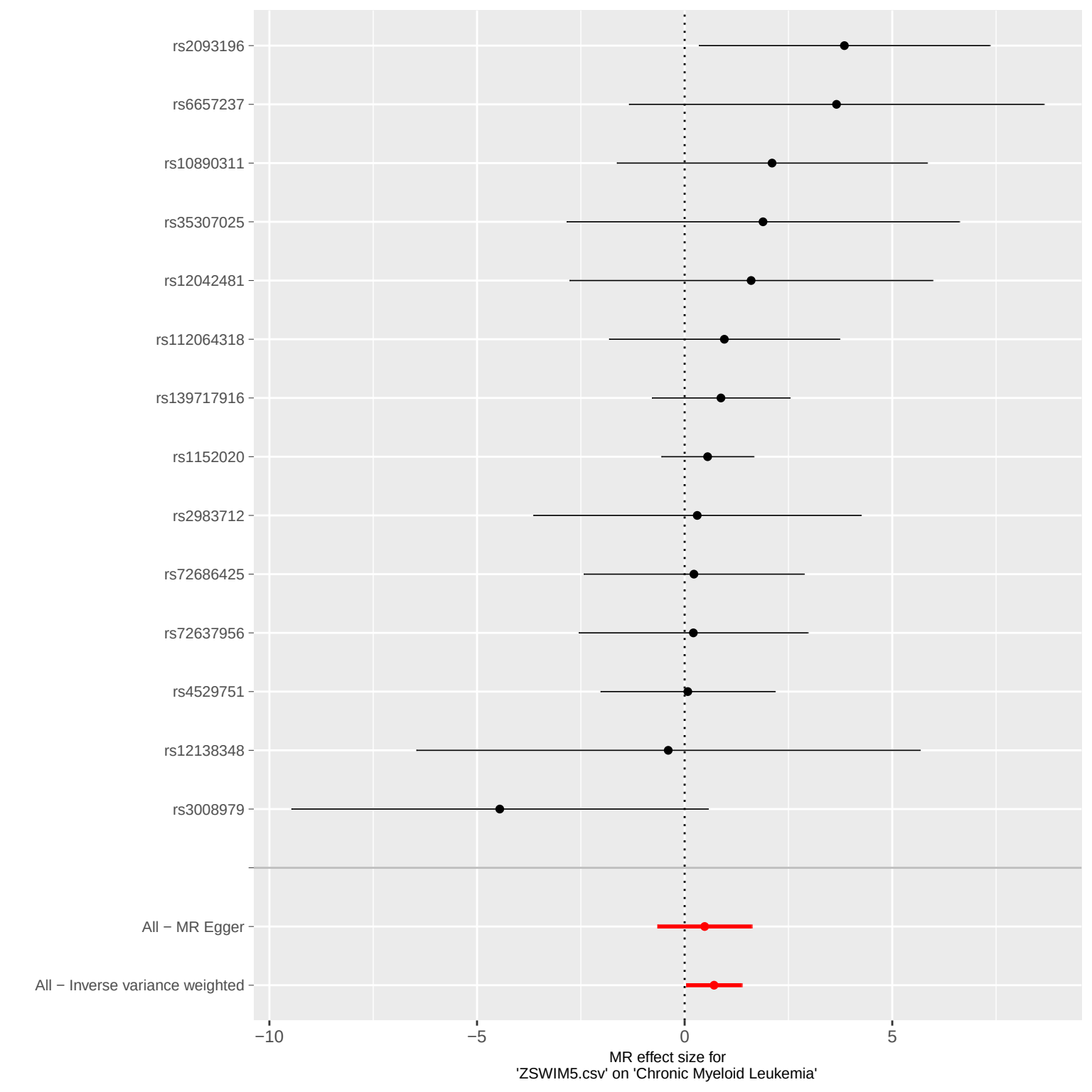
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rs12138348
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All − MR Egger
All − Inverse variance weighted
−10
−5
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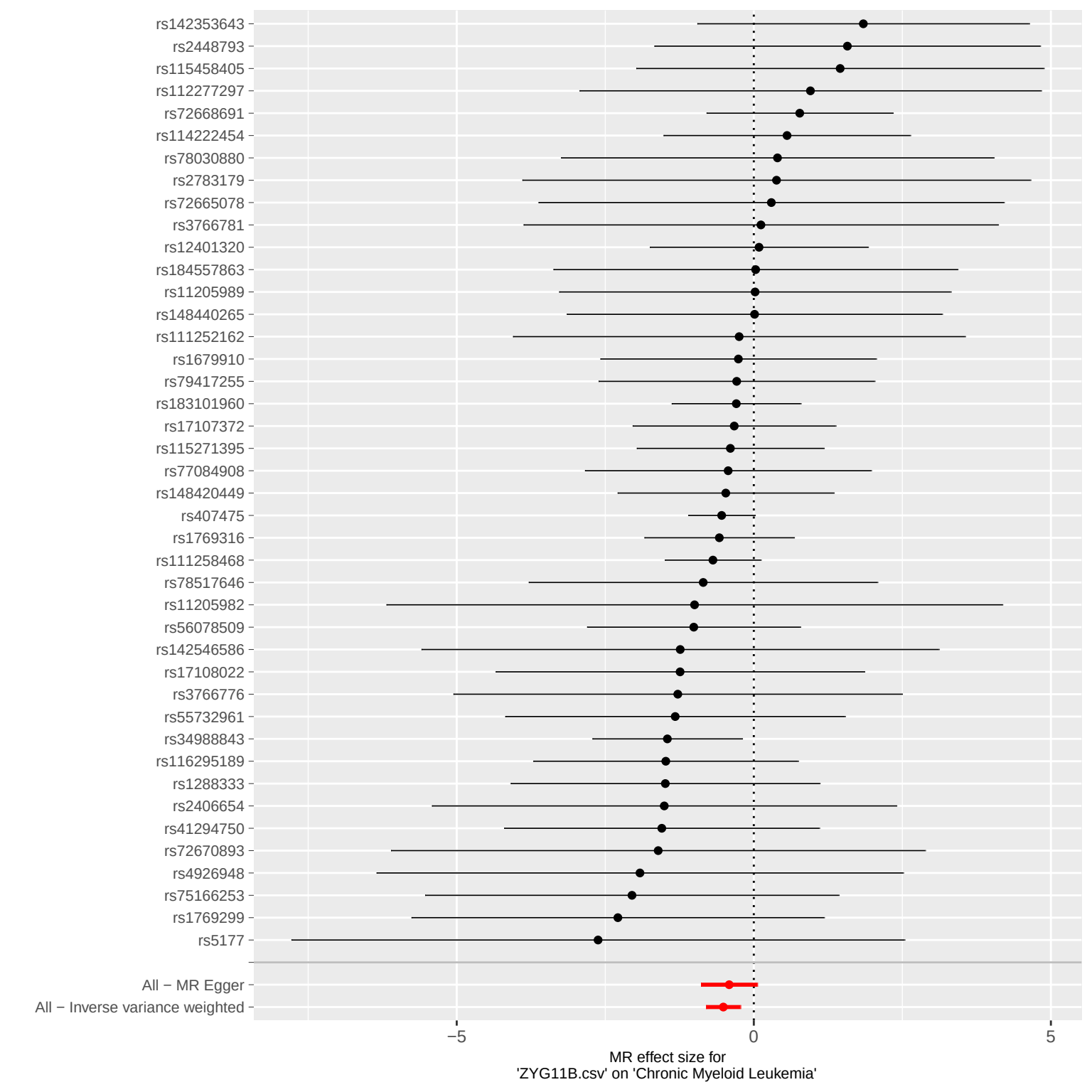
MR effect size for
'ZSWIM5.csv' on 'Chronic Myeloid Leukemia'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rs2406654
rs41294750
rs72670893
rs4926948
rs75166253
rs1769299
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All − Inverse variance weighted
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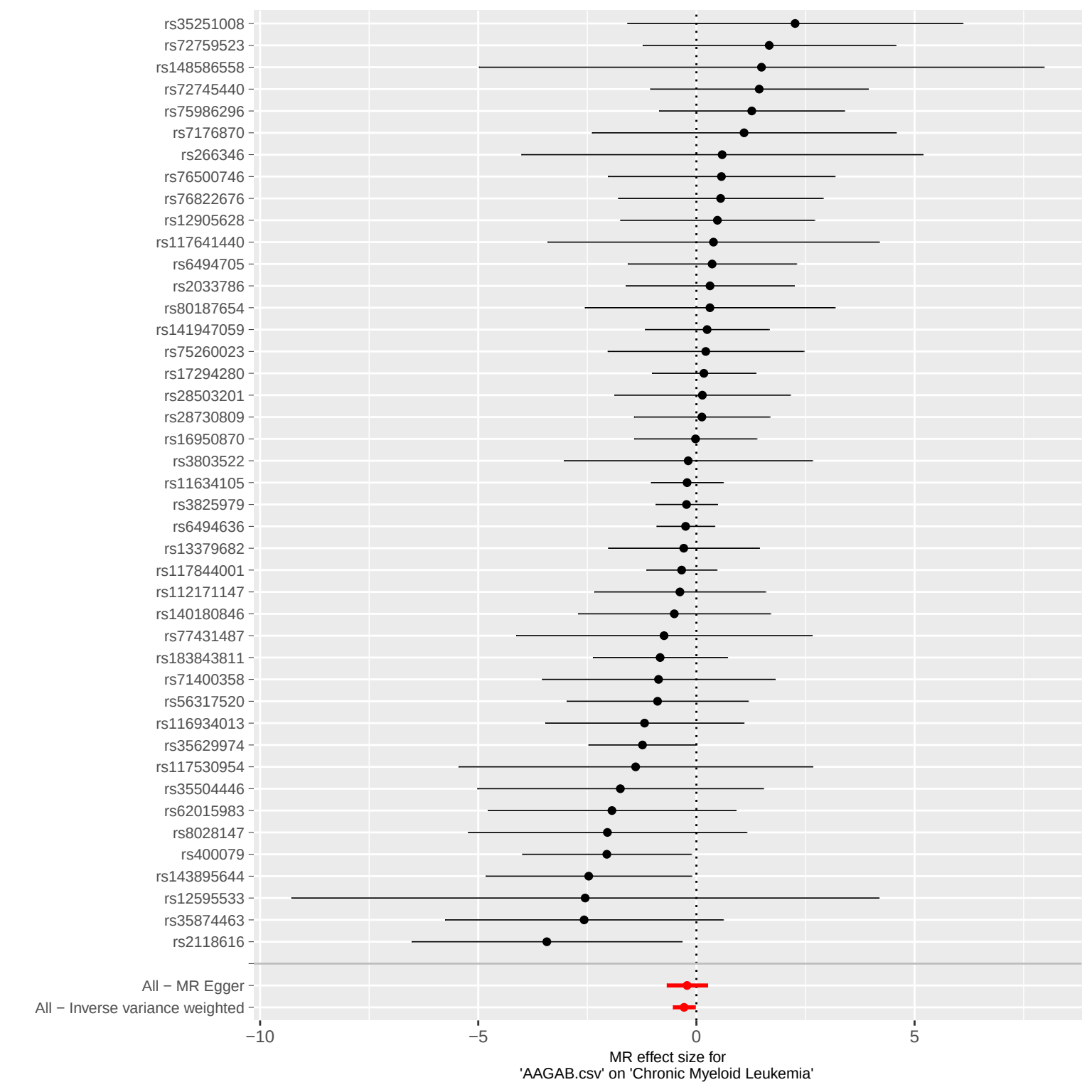
MR effect size for
'ZYG11B.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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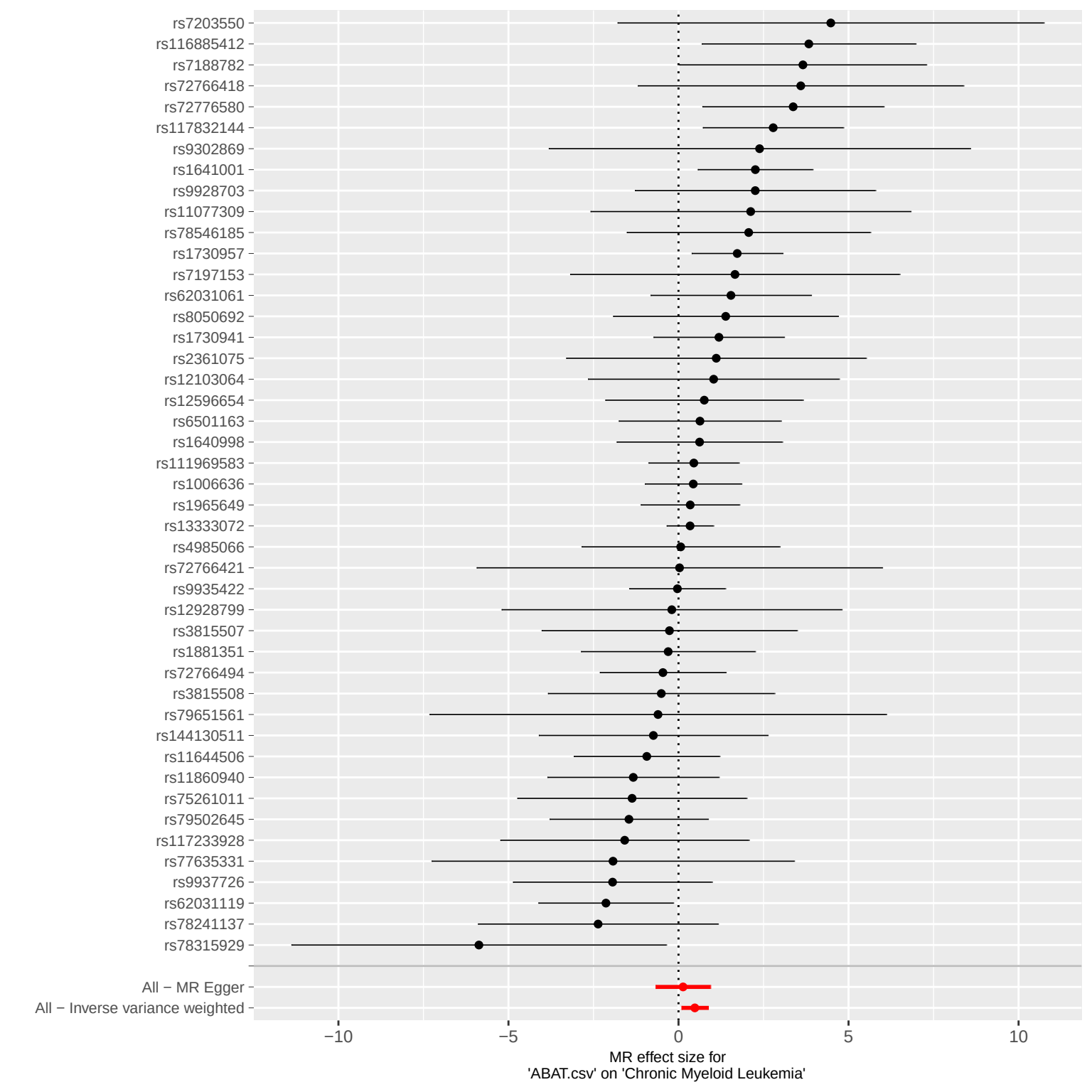
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All − MR Egger
All − Inverse variance weighted
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−5
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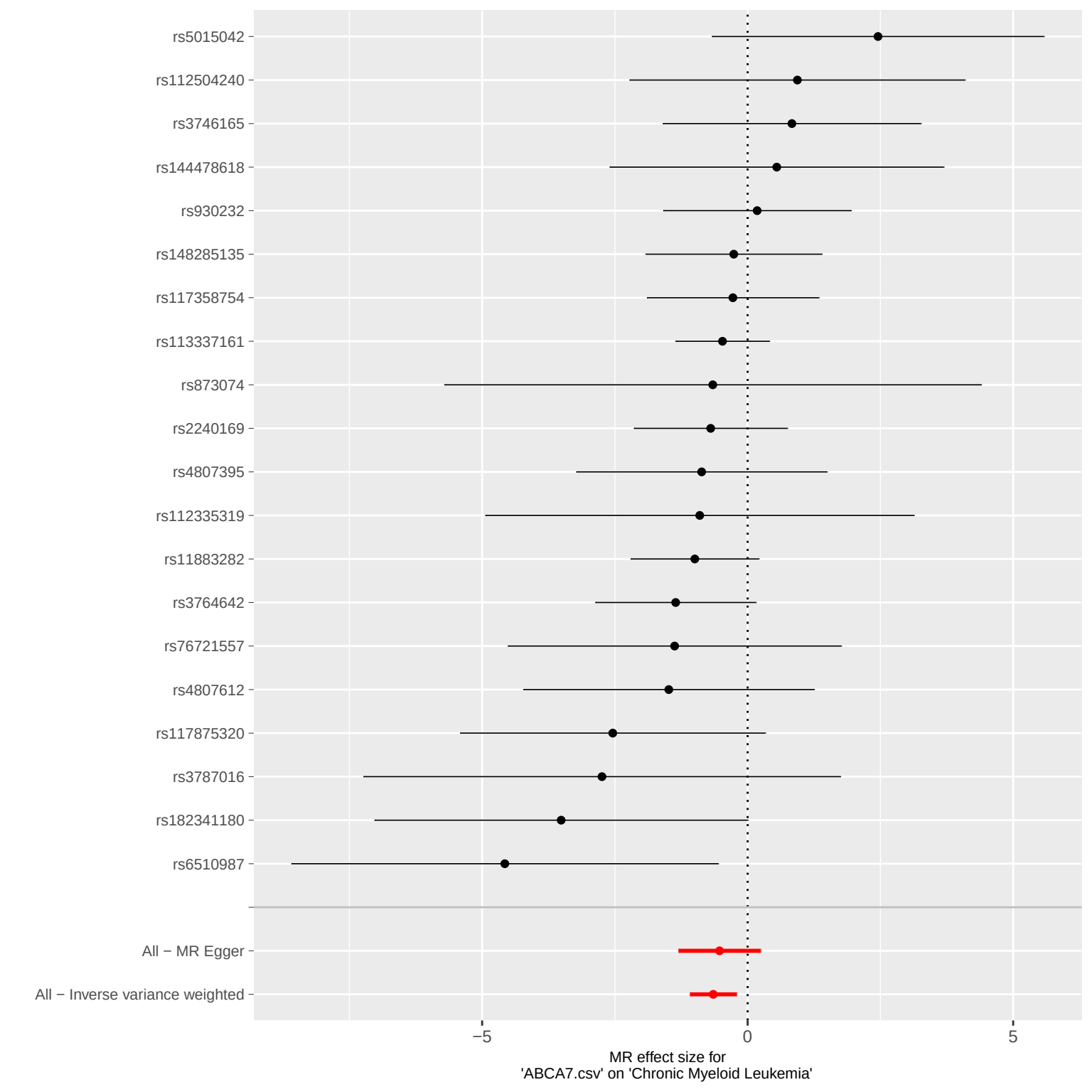
MR effect size for
'ABAT.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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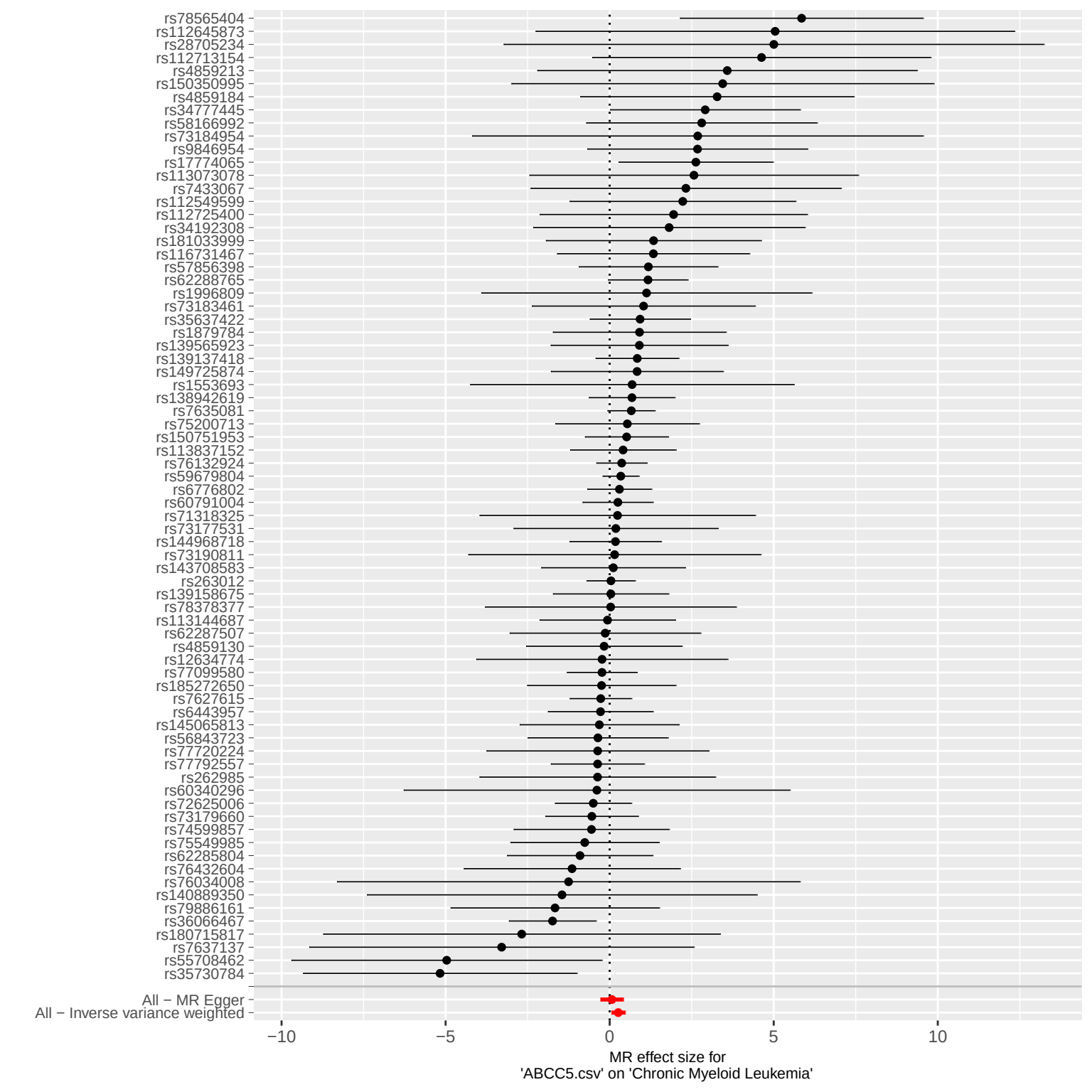
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rs55708462
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All − Inverse variance weighted
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MR effect size for
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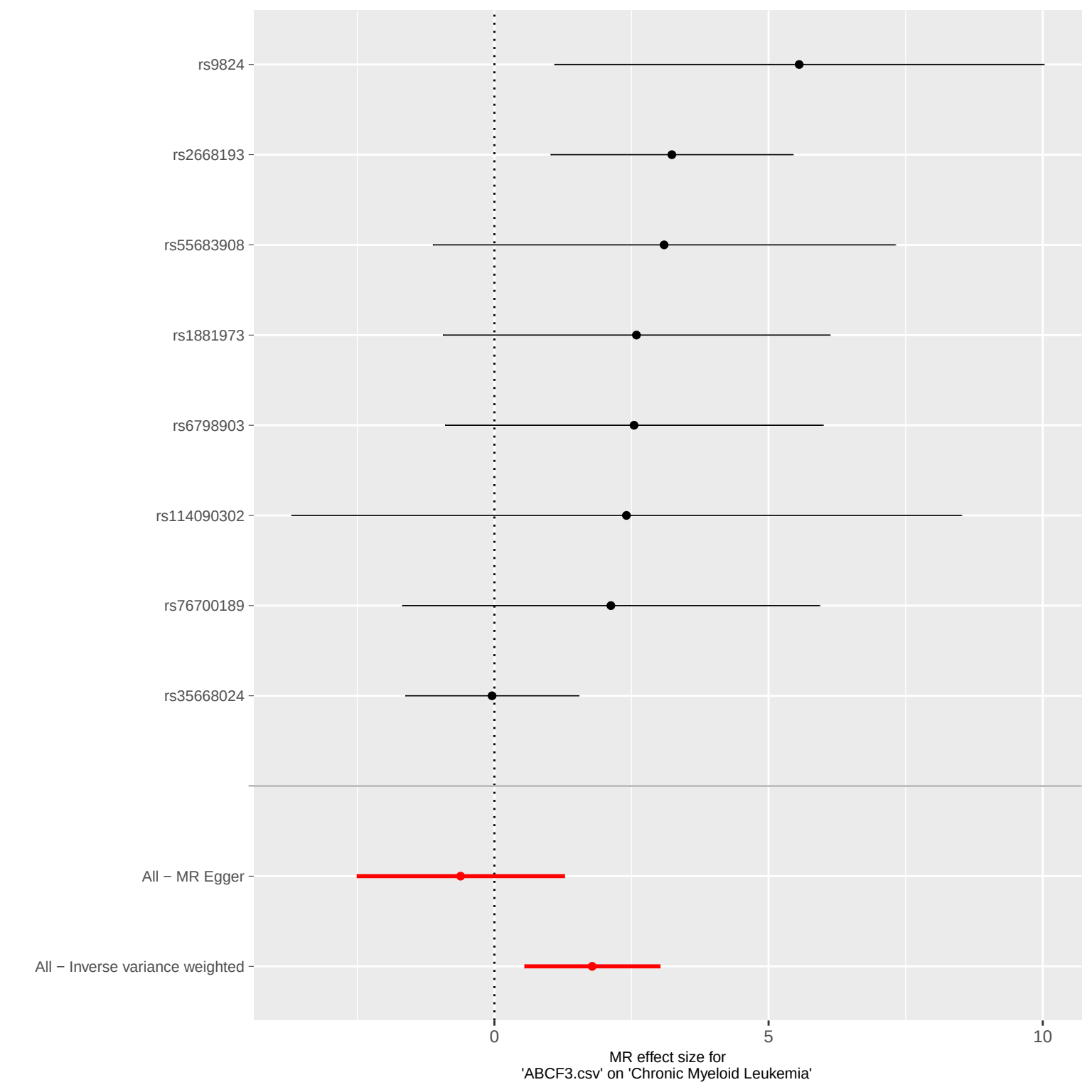
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All − Inverse variance weighted
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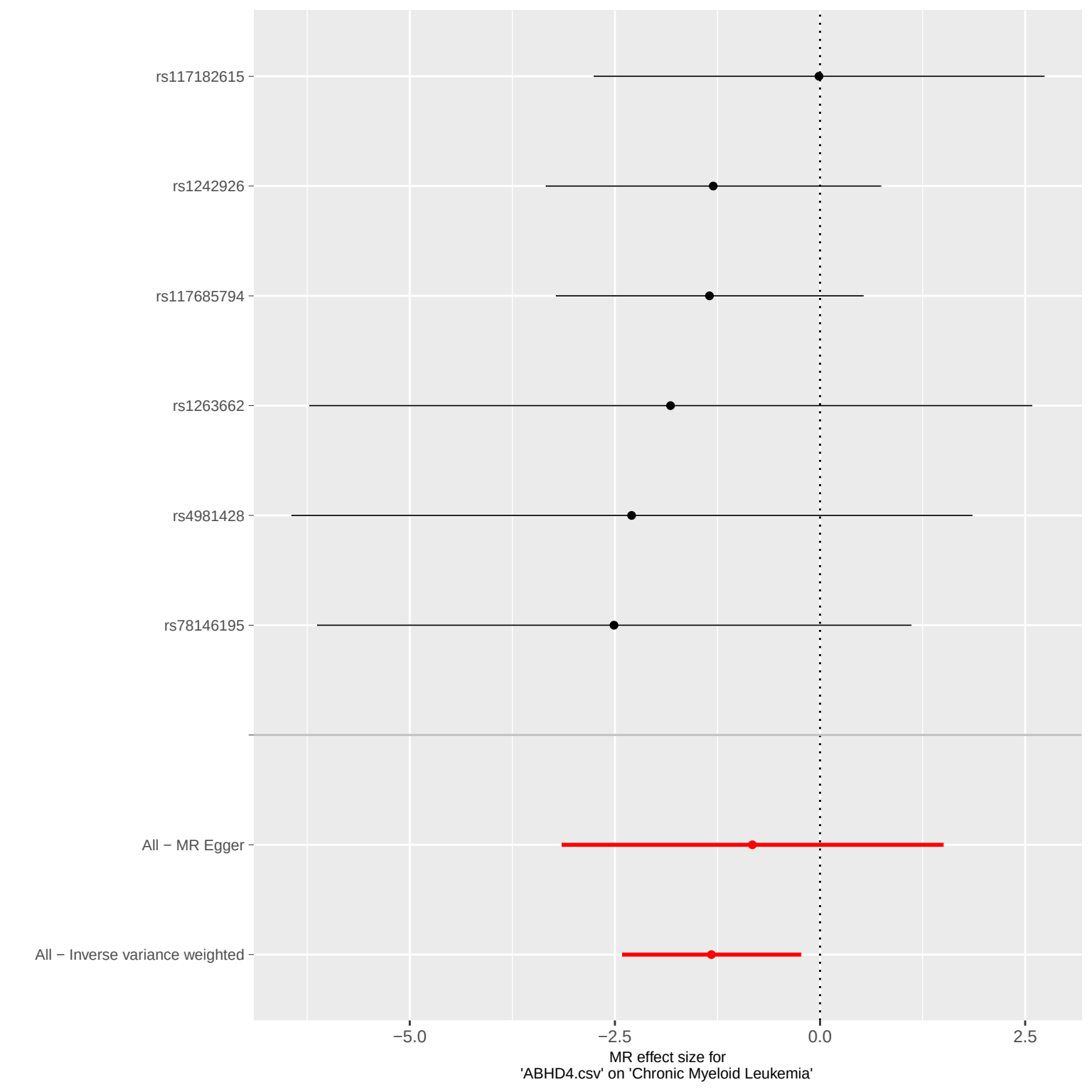
MR effect size for
'ABCF3.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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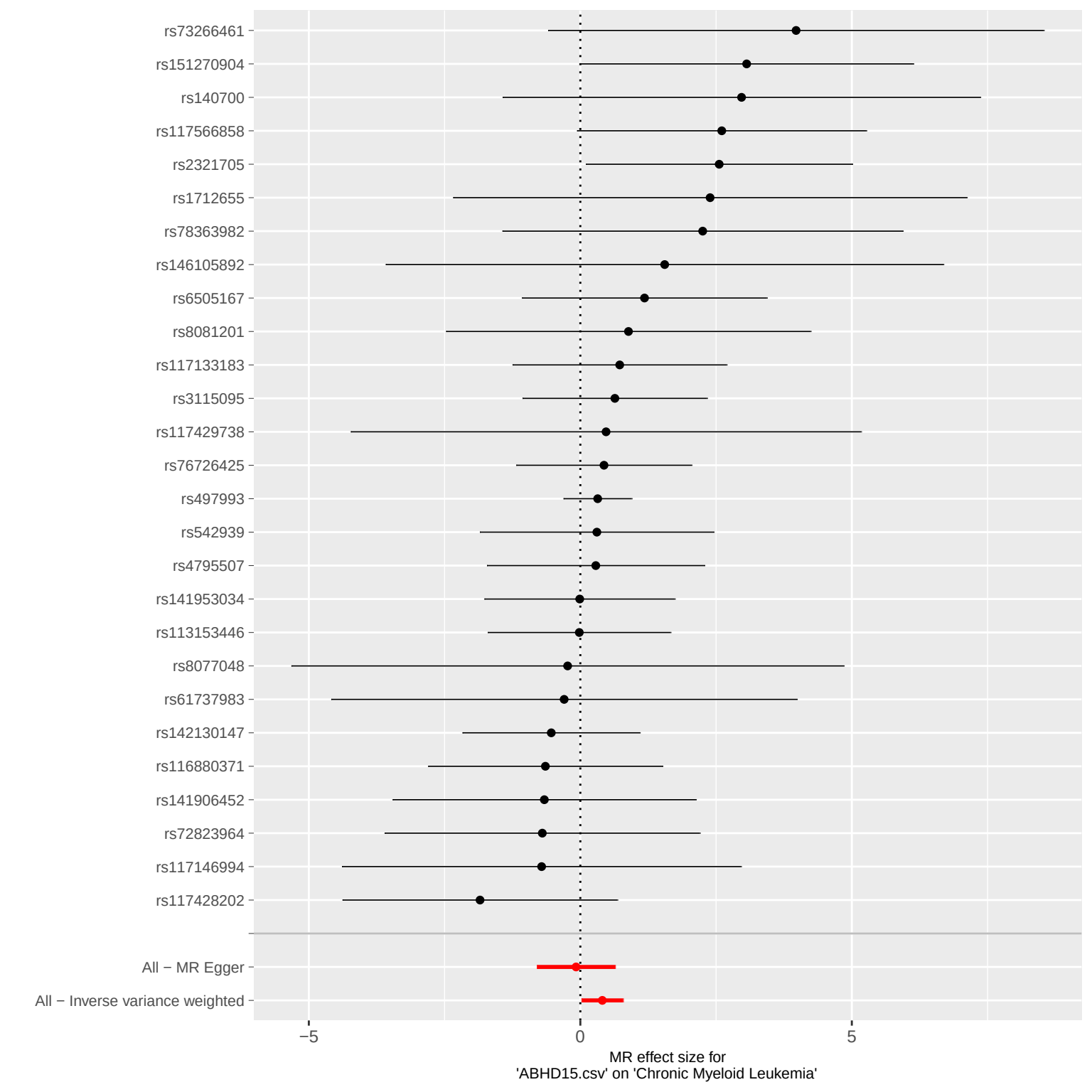
−2.5
0.0
2.5
MR effect size for
'ABHD4.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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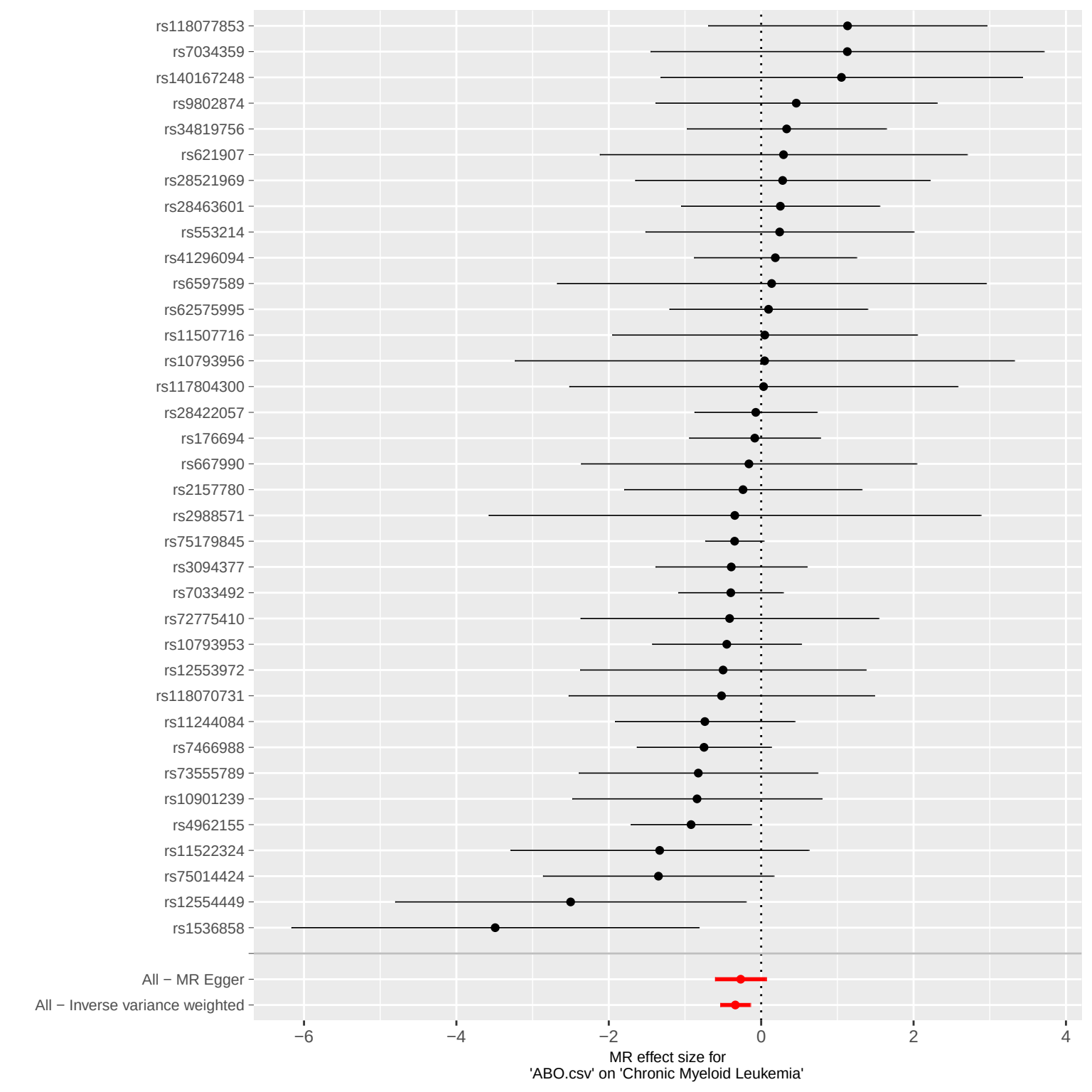
MR effect size for
'ABHD15.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
−4
−2
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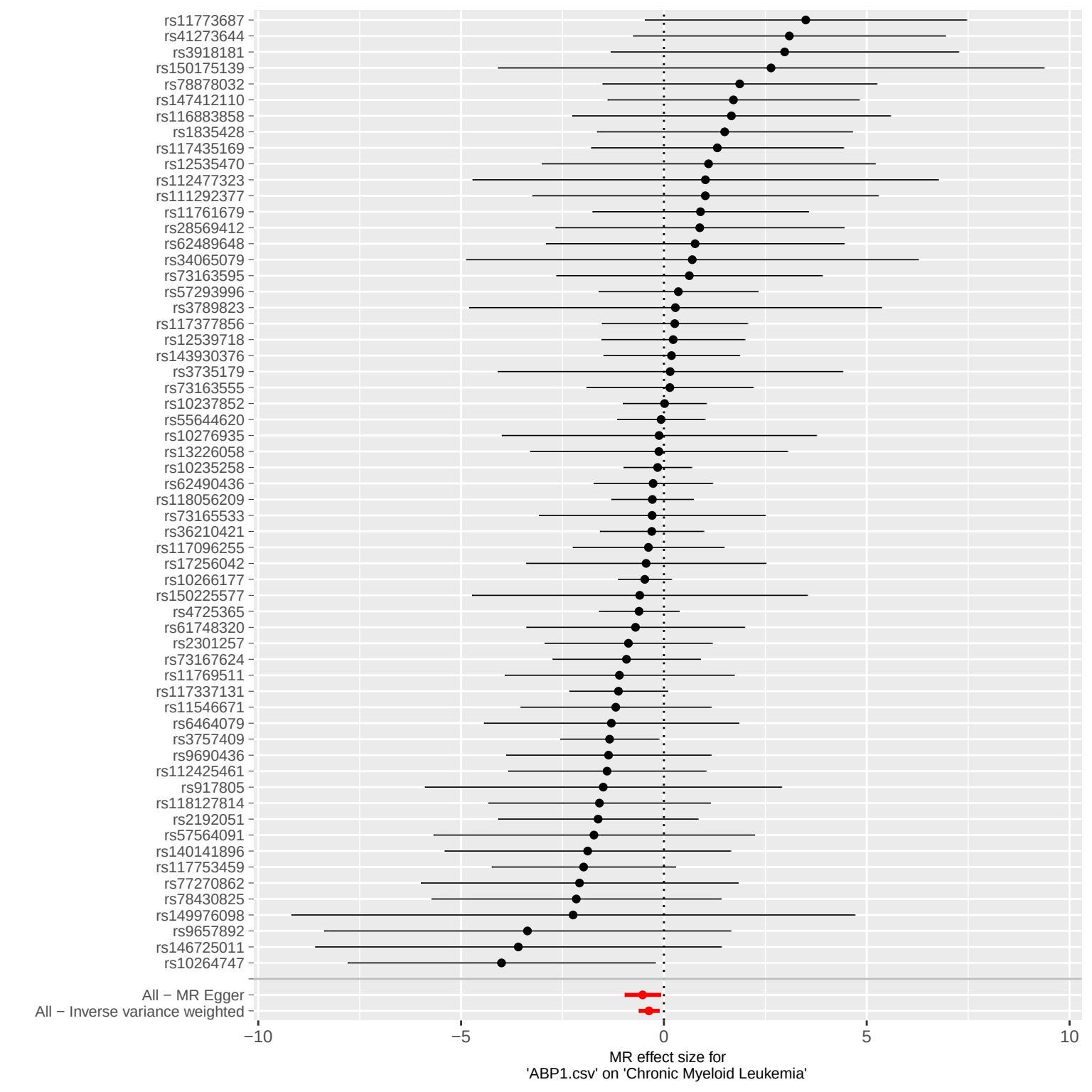
4
MR effect size for
'ABO.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5
0
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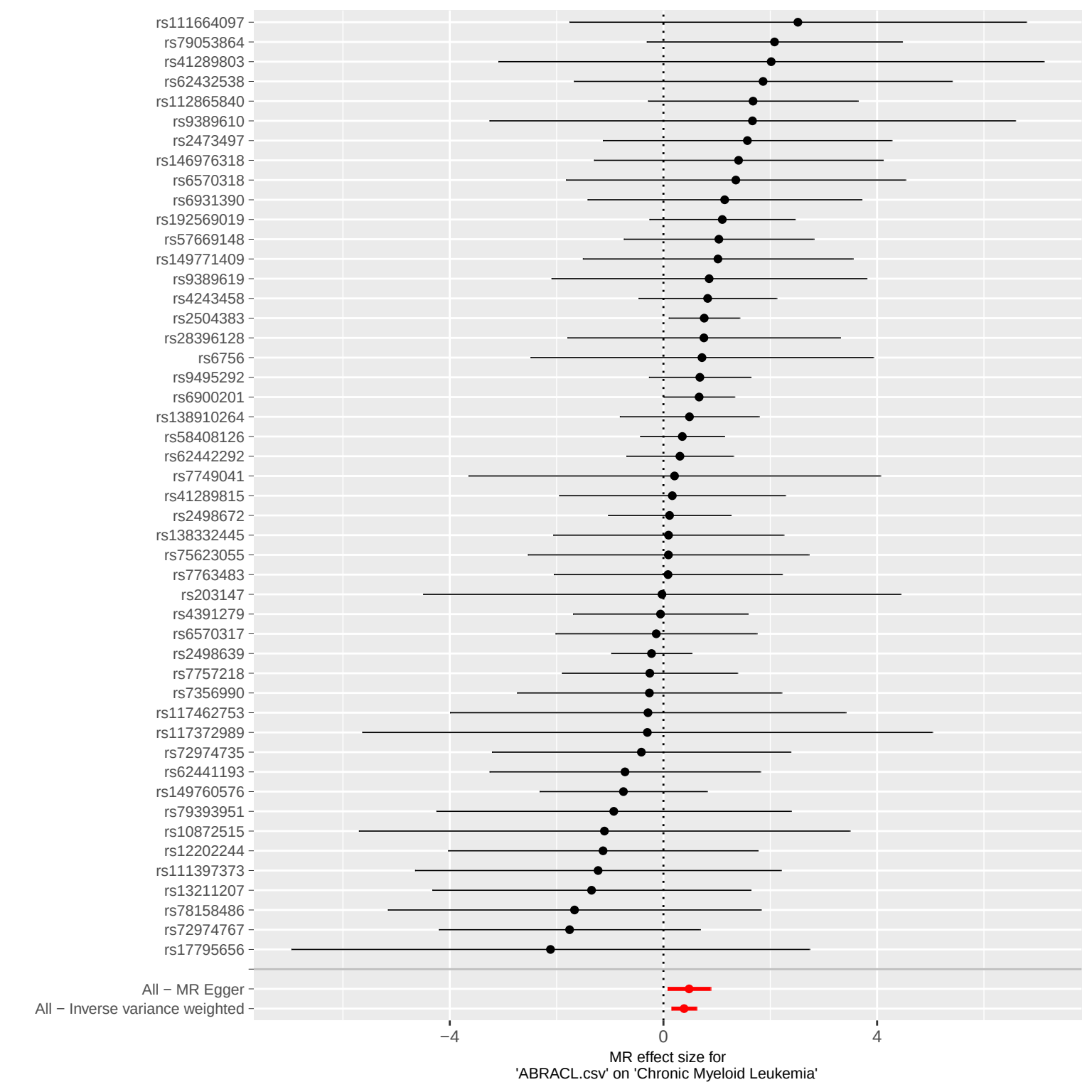
MR effect size for
'ABP1.csv' on 'Chronic Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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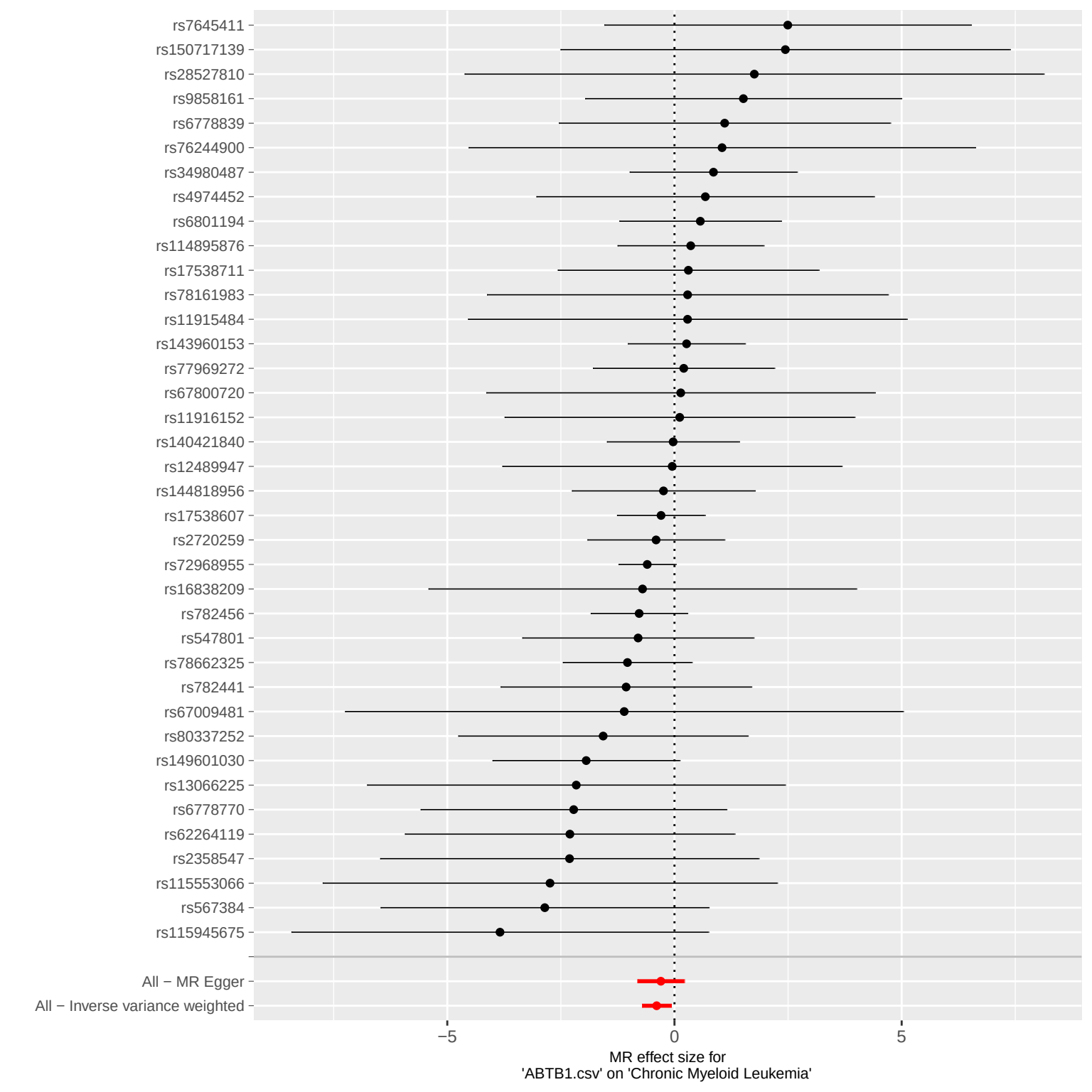
4
MR effect size for
'ABRACL.csv' on 'Chronic Myeloid Leukemia'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rs62264119
rs2358547
rs115553066
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All − MR Egger
All − Inverse variance weighted
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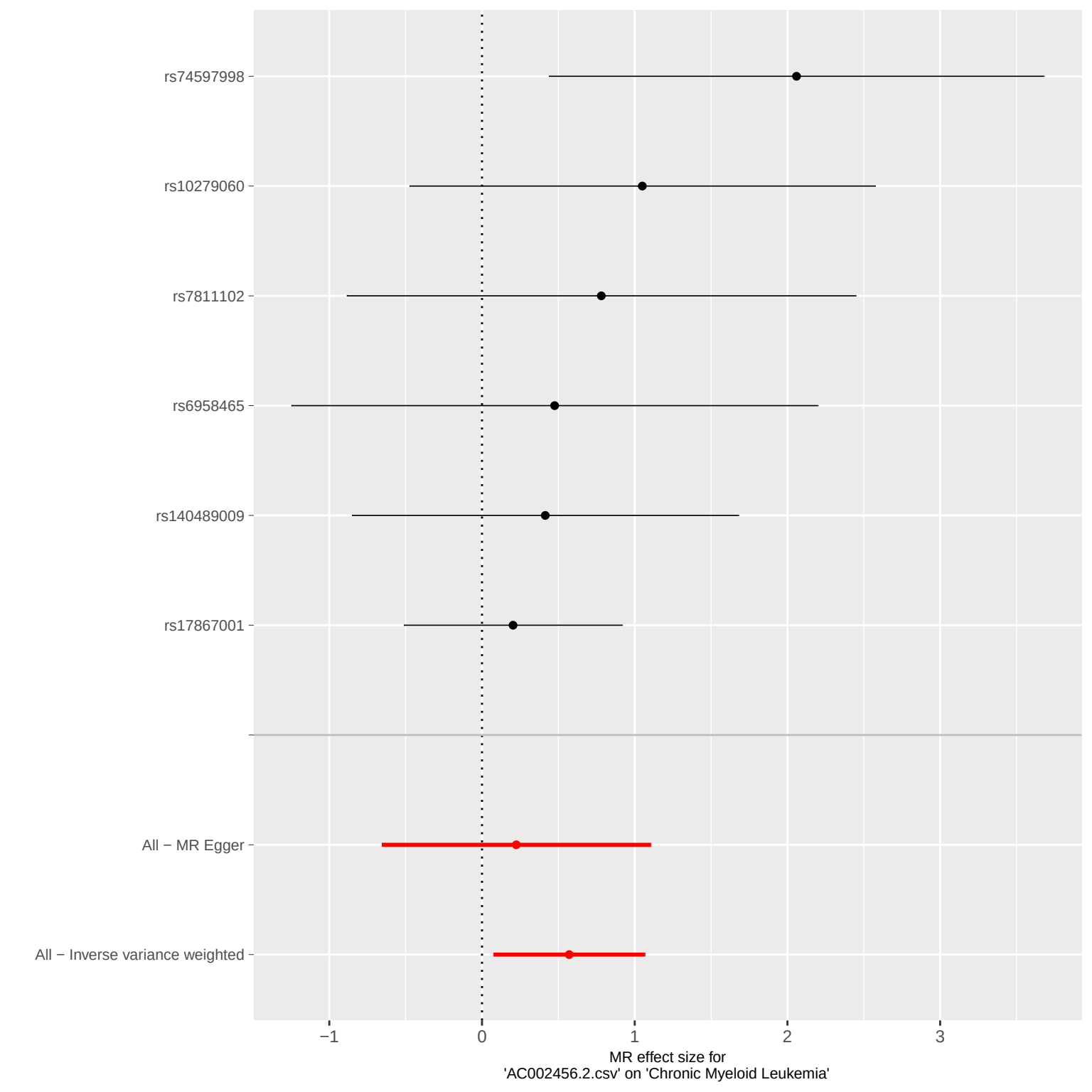
MR effect size for
'ABTB1.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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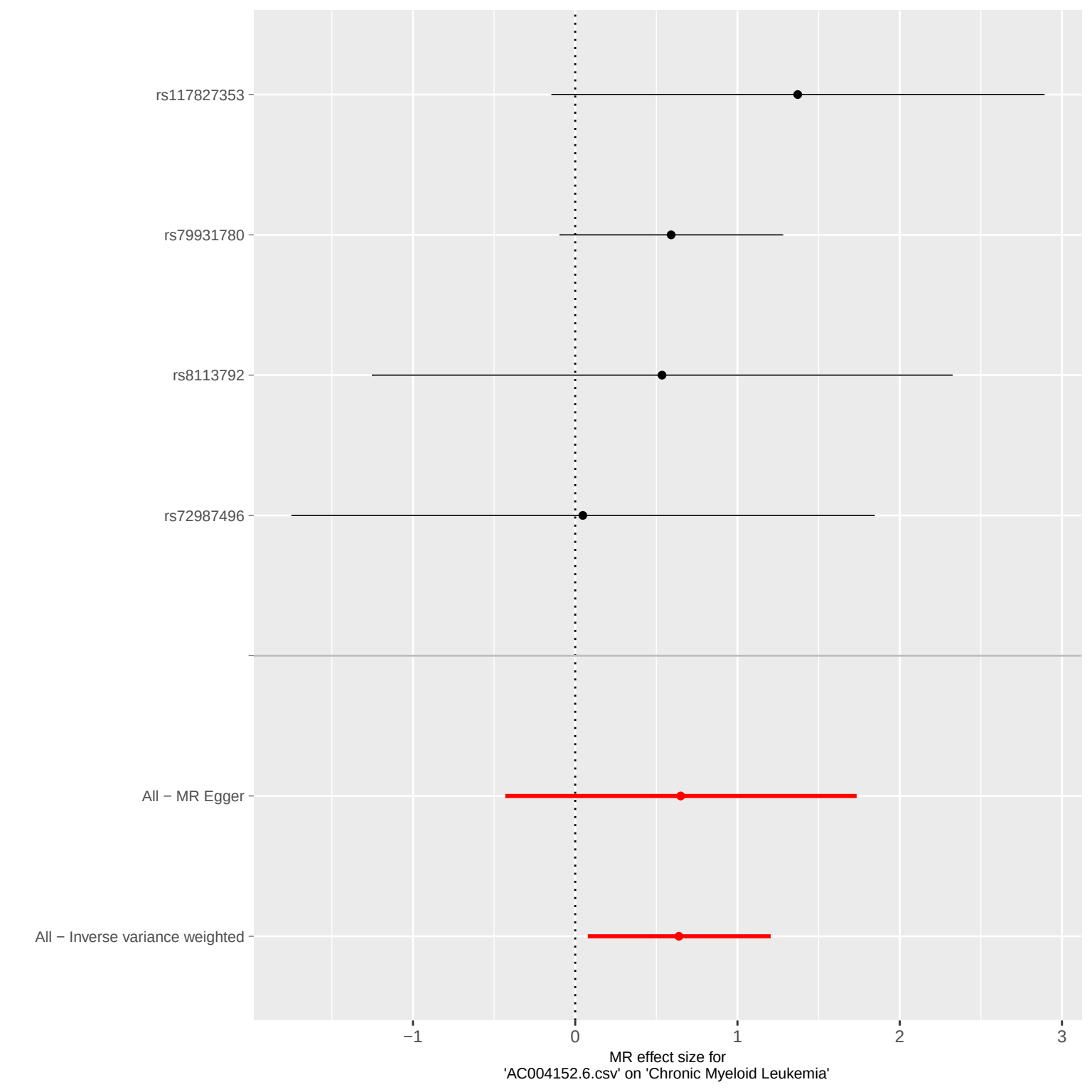
MR effect size for
'AC002456.2.csv' on 'Chronic Myeloid Leukemia'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All − Inverse variance weighted
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2
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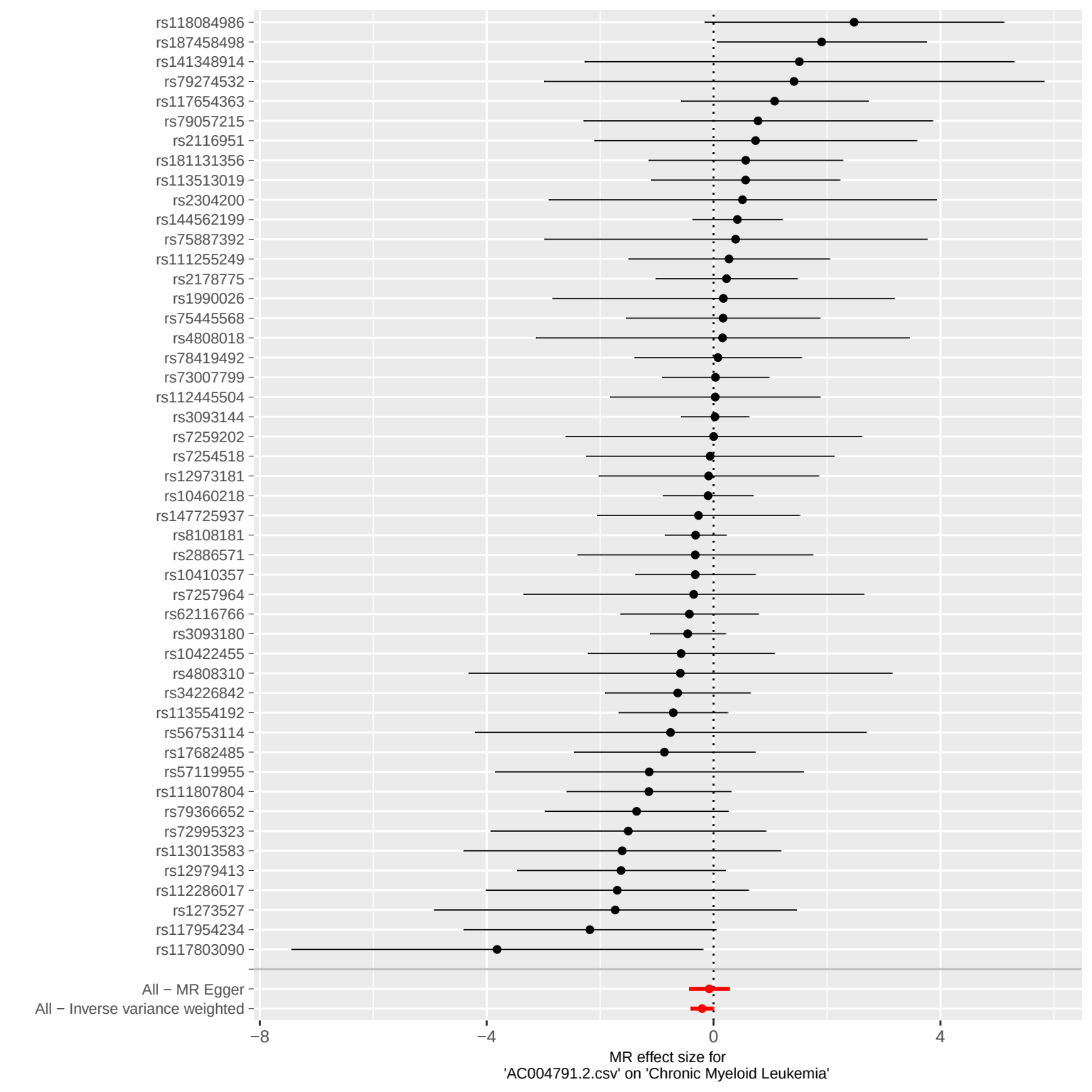
MR effect size for
'AC004152.6.csv' on 'Chronic Myeloid Leukemia'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rs2886571
rs10410357
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rs10422455
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rs117954234
rs117803090
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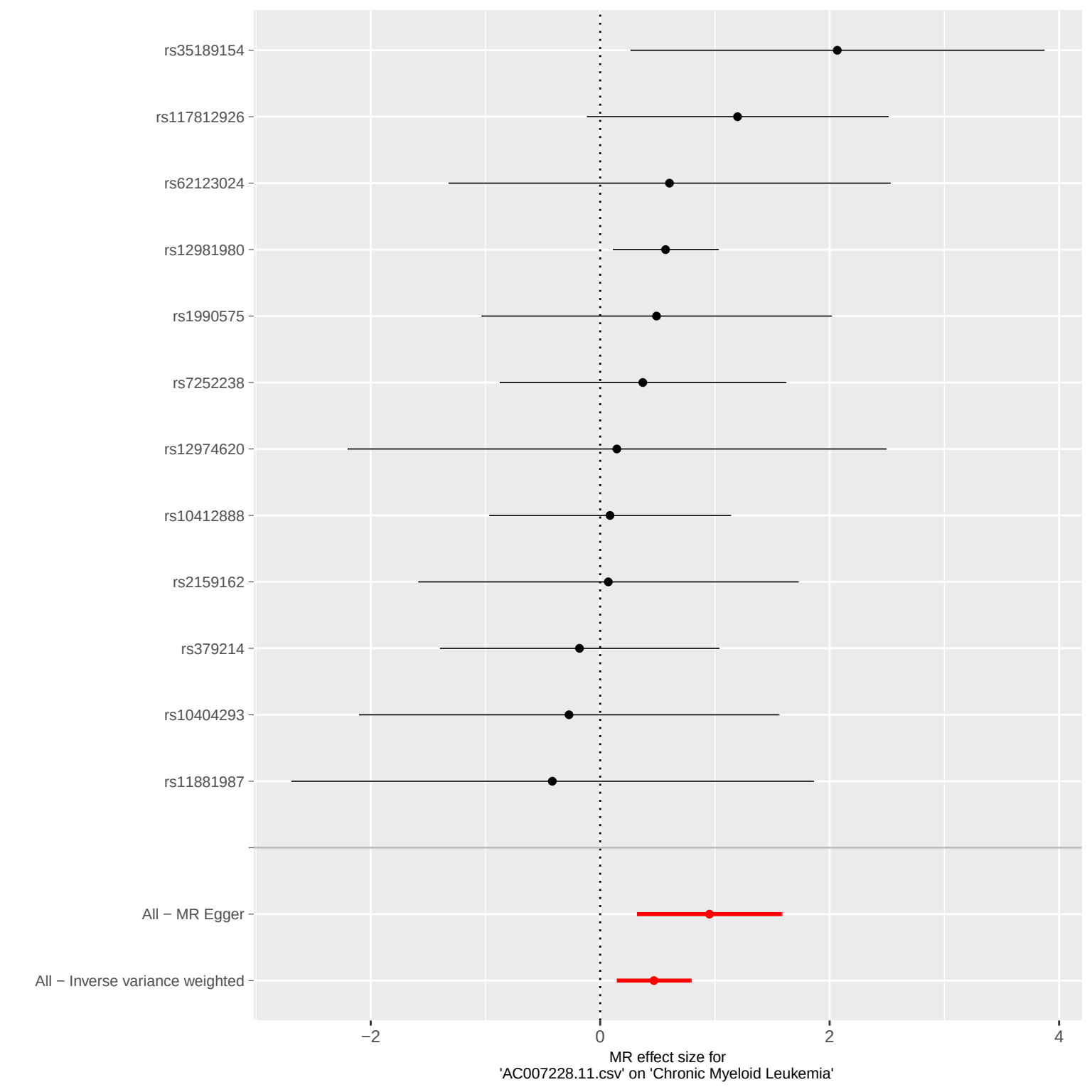
MR effect size for
'AC004791.2.csv' on 'Chronic Myeloid Leukemia'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rs10404293
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All − MR Egger
All − Inverse variance weighted
−2
0
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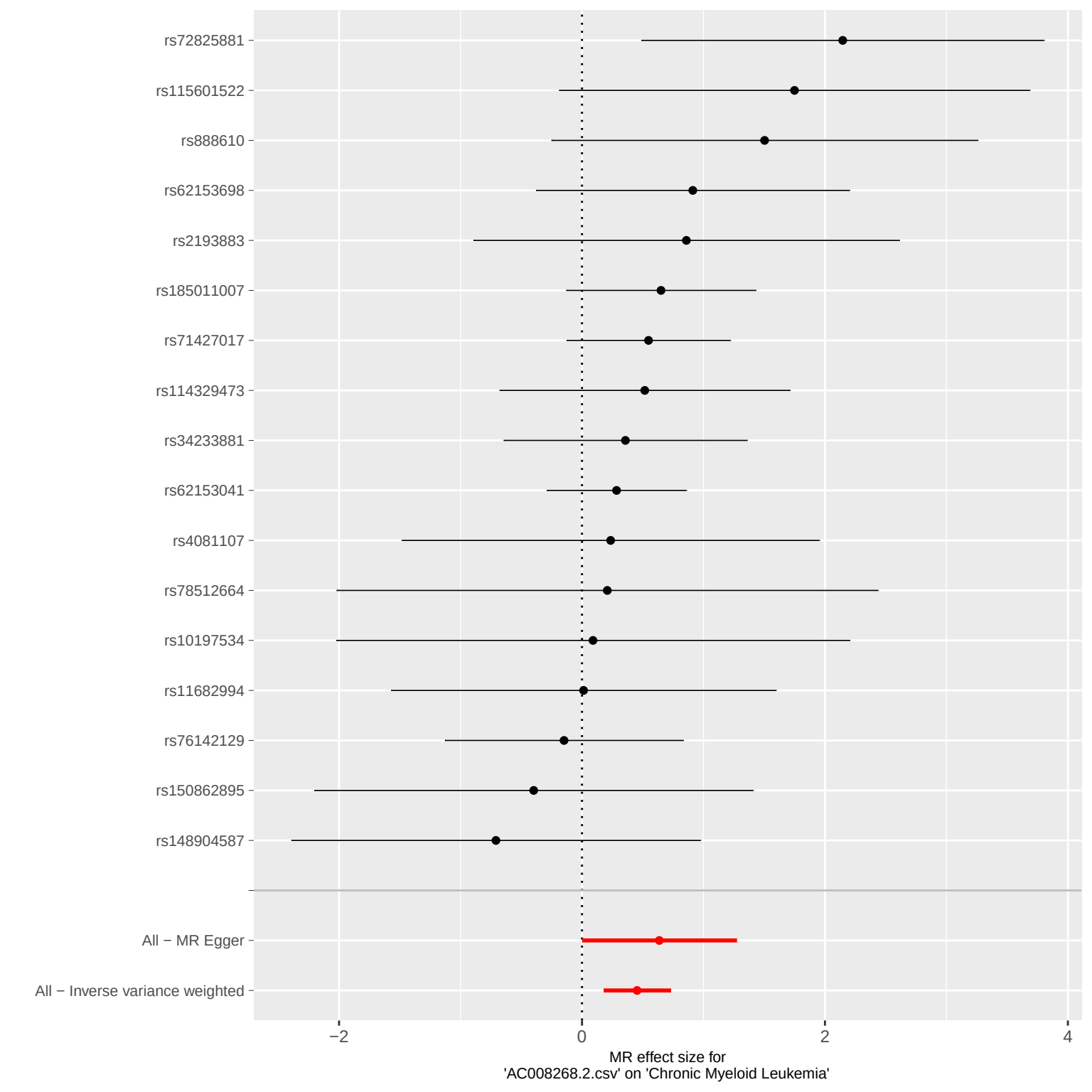
4
MR effect size for
'AC007228.11.csv' on 'Chronic Myeloid Leukemia'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rs11682994
rs76142129
rs150862895
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All − Inverse variance weighted
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MR effect size for
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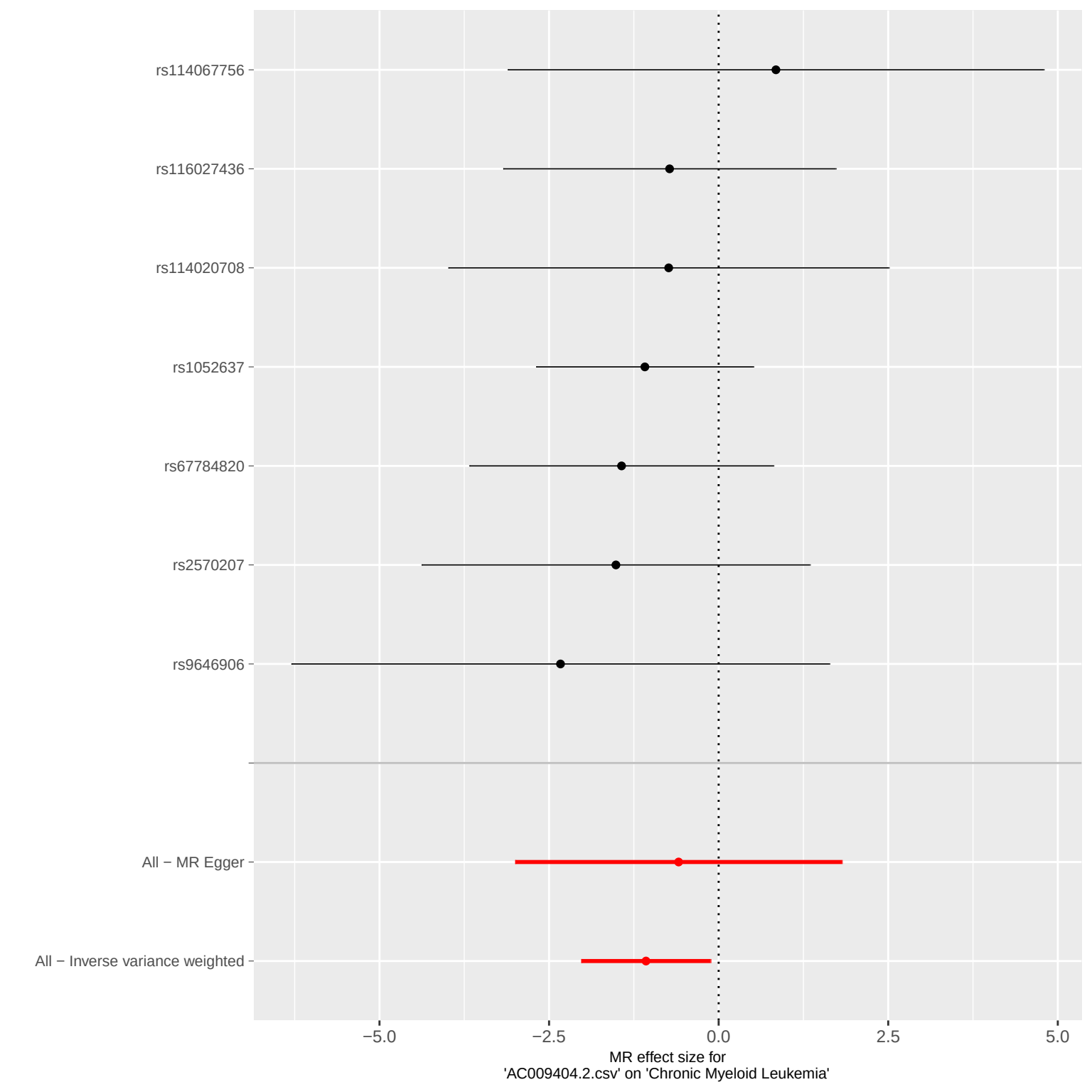
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rs67784820
rs2570207
rs9646906
All − MR Egger
All − Inverse variance weighted
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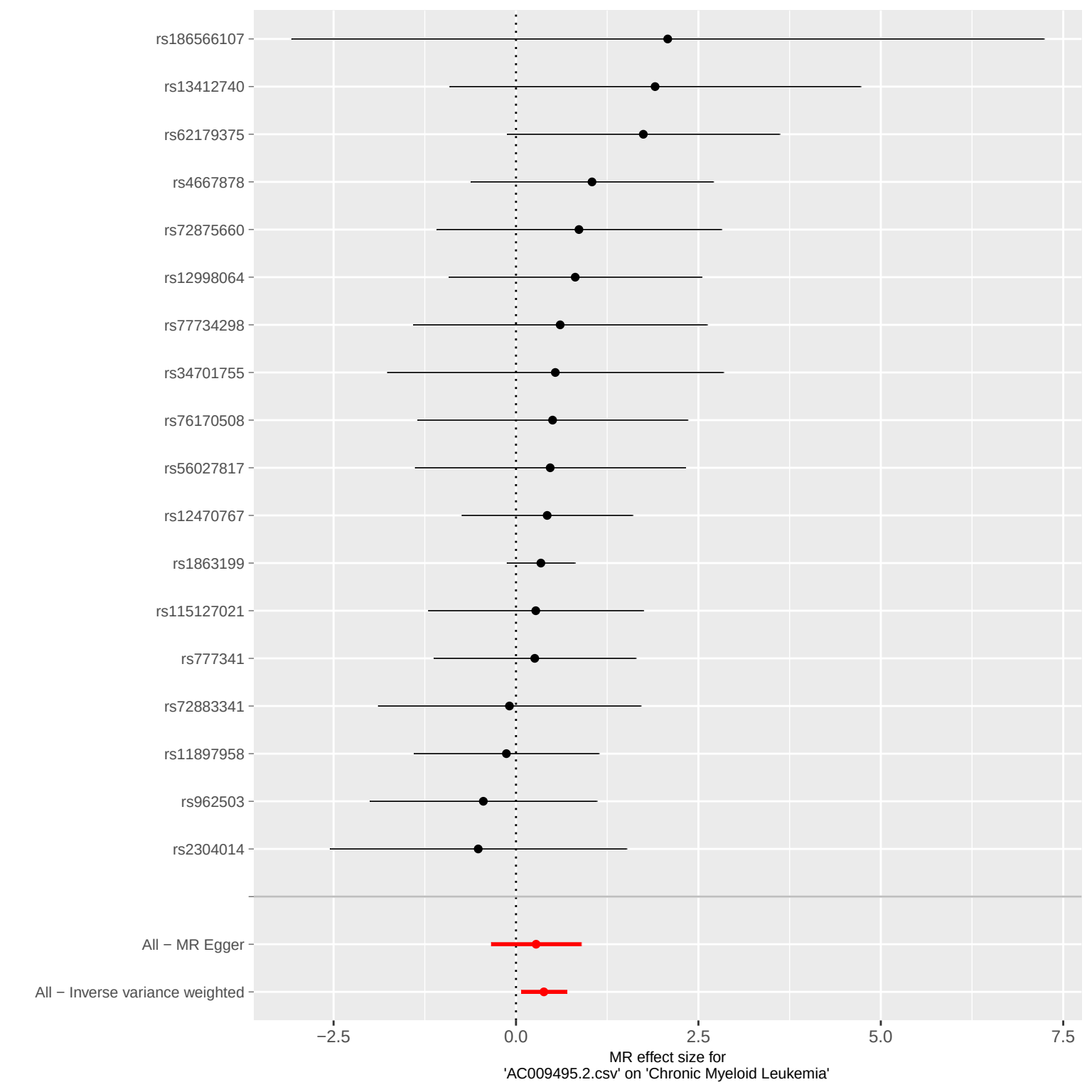
−2.5
0.0
2.5
5.0
MR effect size for
'AC009404.2.csv' on 'Chronic Myeloid Leukemia'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rs1863199
rs115127021
rs777341
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rs11897958
rs962503
rs2304014
All − MR Egger
All − Inverse variance weighted
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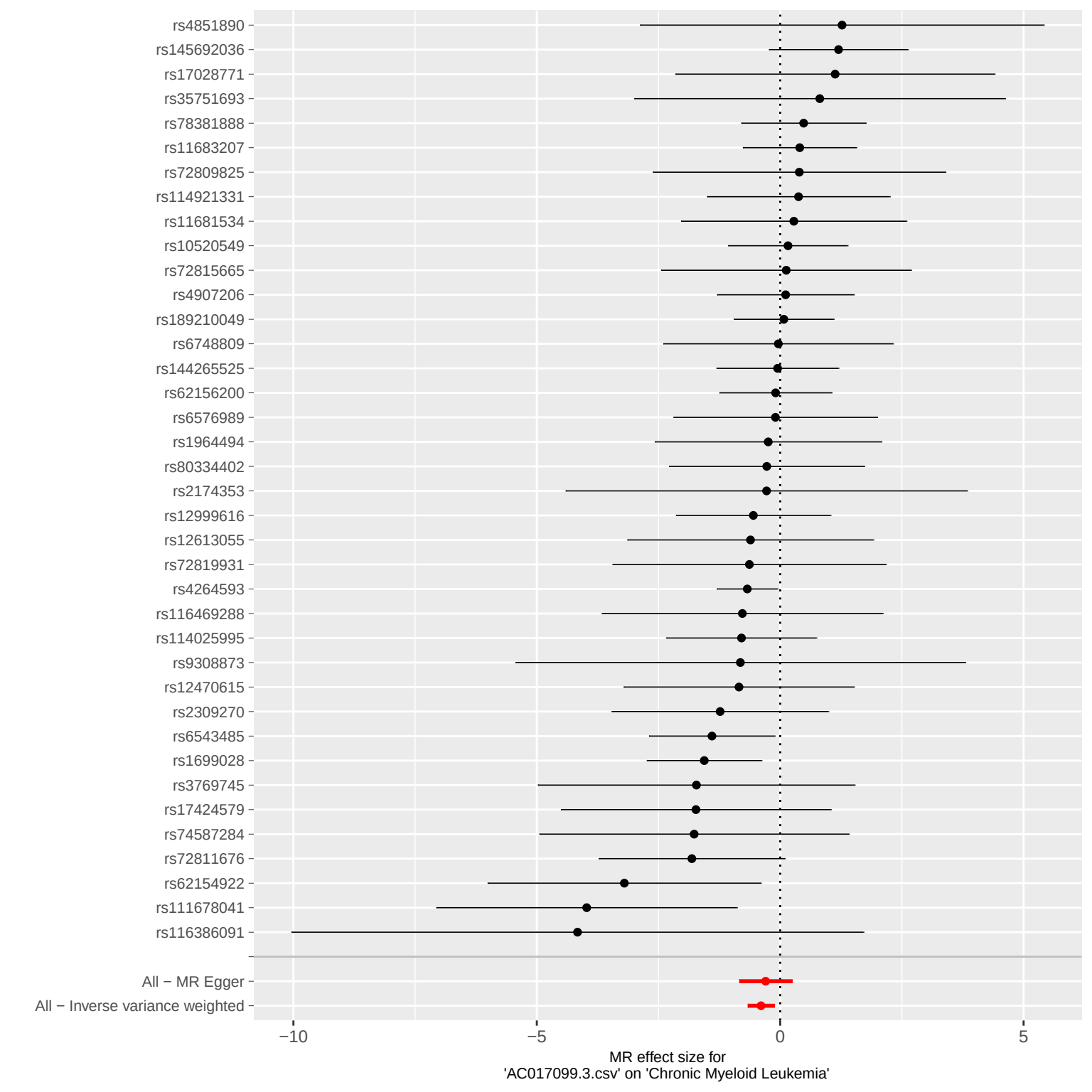
0.0
2.5
5.0
7.5
MR effect size for
'AC009495.2.csv' on 'Chronic Myeloid Leukemia'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rs72811676
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rs111678041
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MR effect size for
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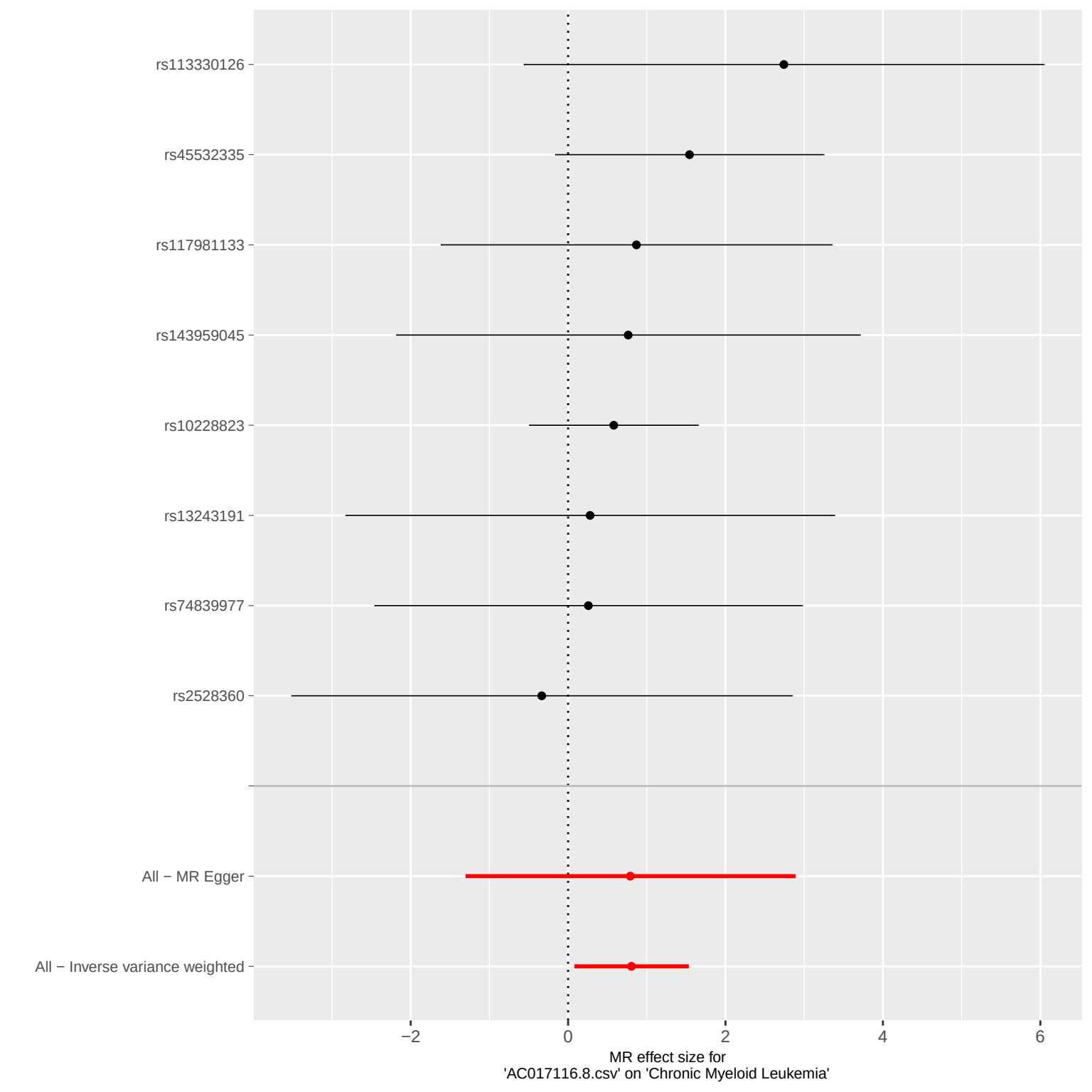
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All − MR Egger
All − Inverse variance weighted
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2
4
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MR effect size for
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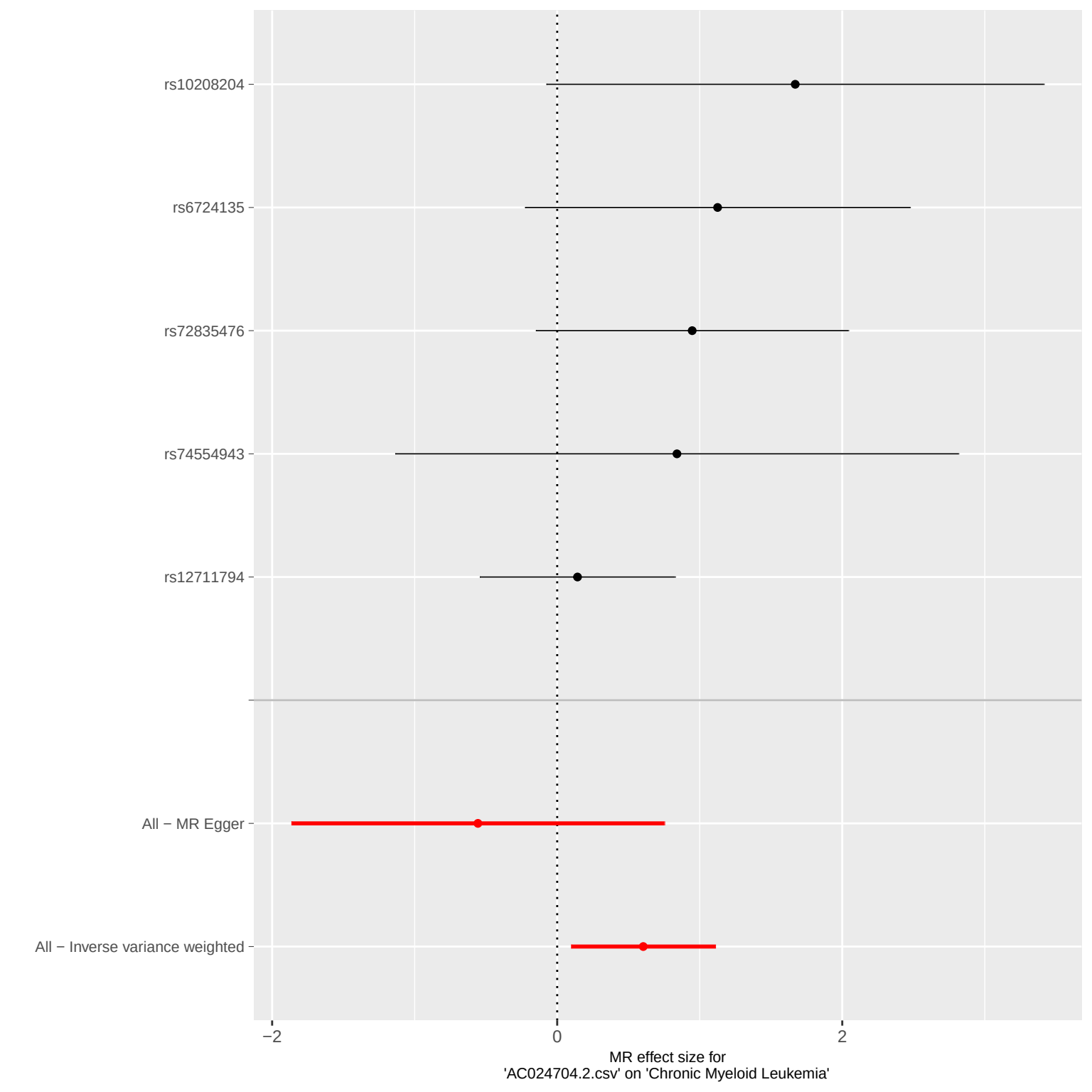
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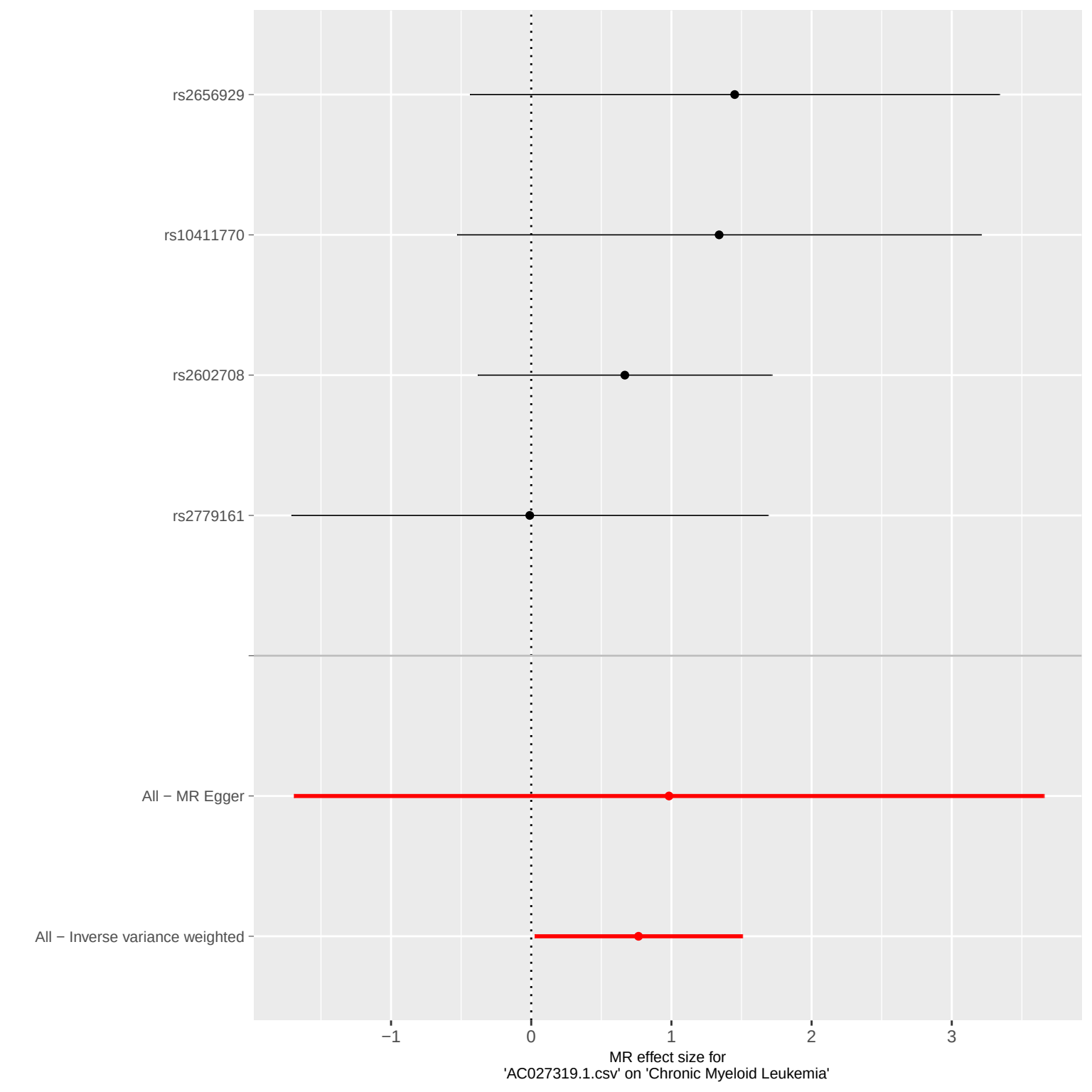
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All − Inverse variance weighted
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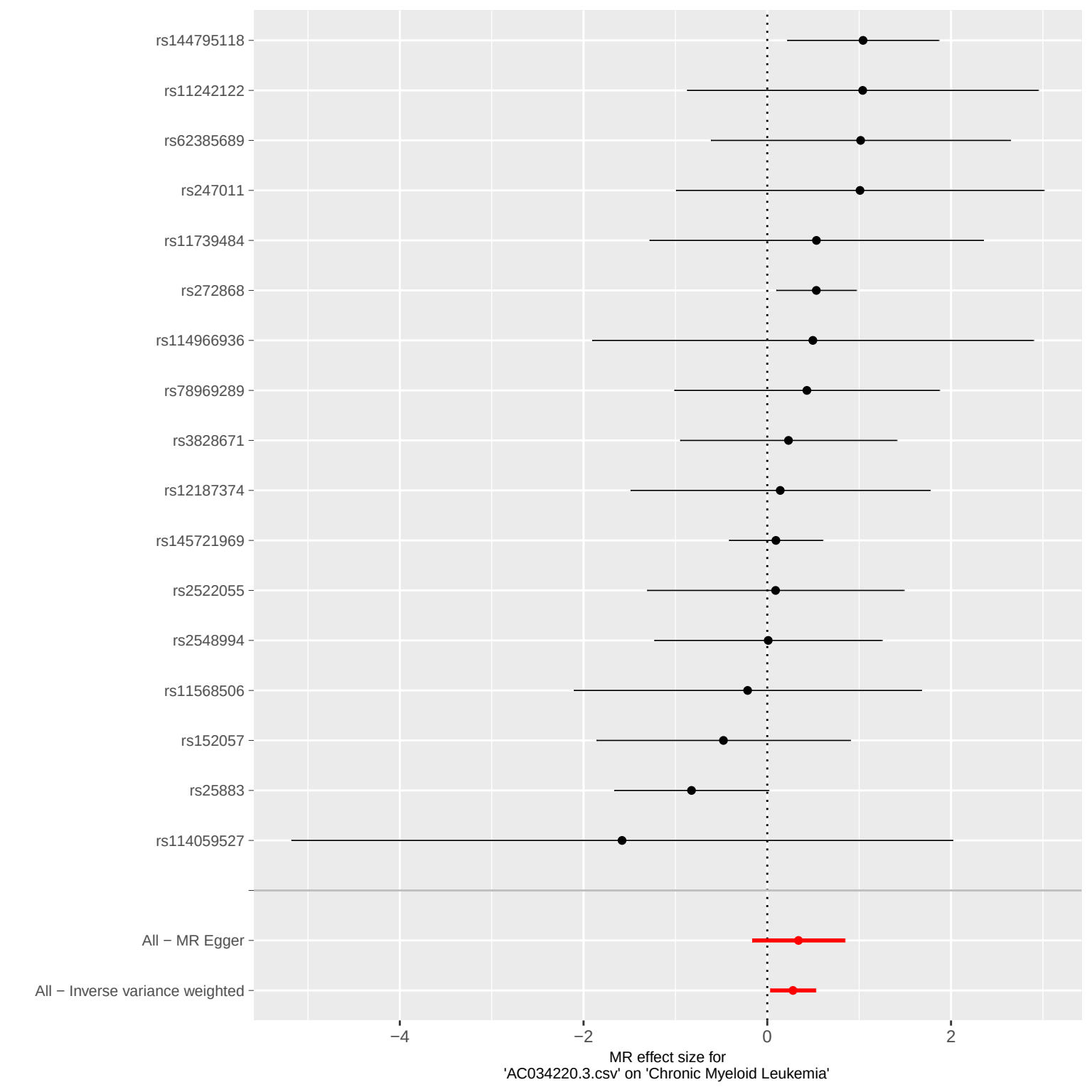
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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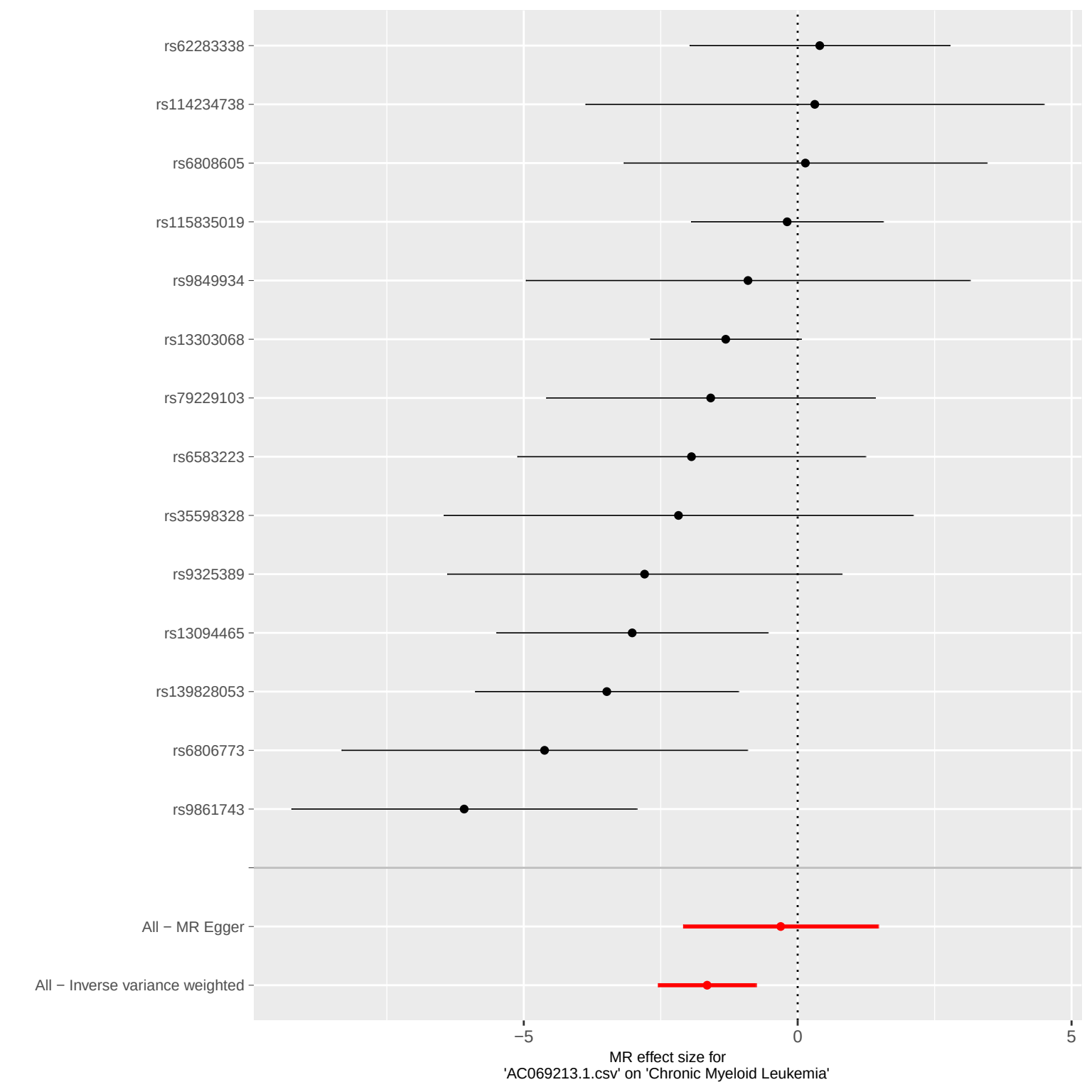
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MR effect size for
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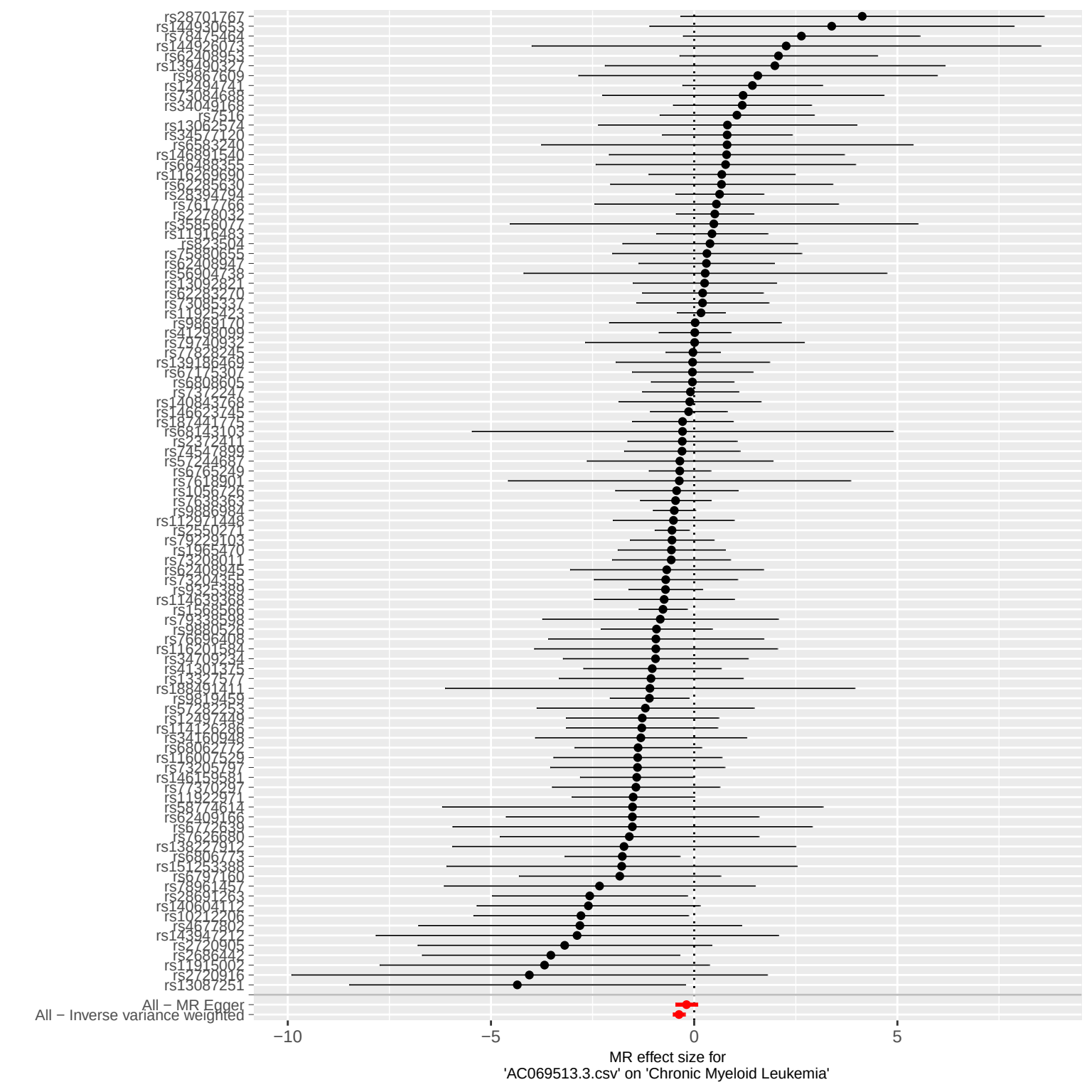
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rs2720905
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rs2720916
rs13087251
All − MR Egger
All − Inverse variance weighted
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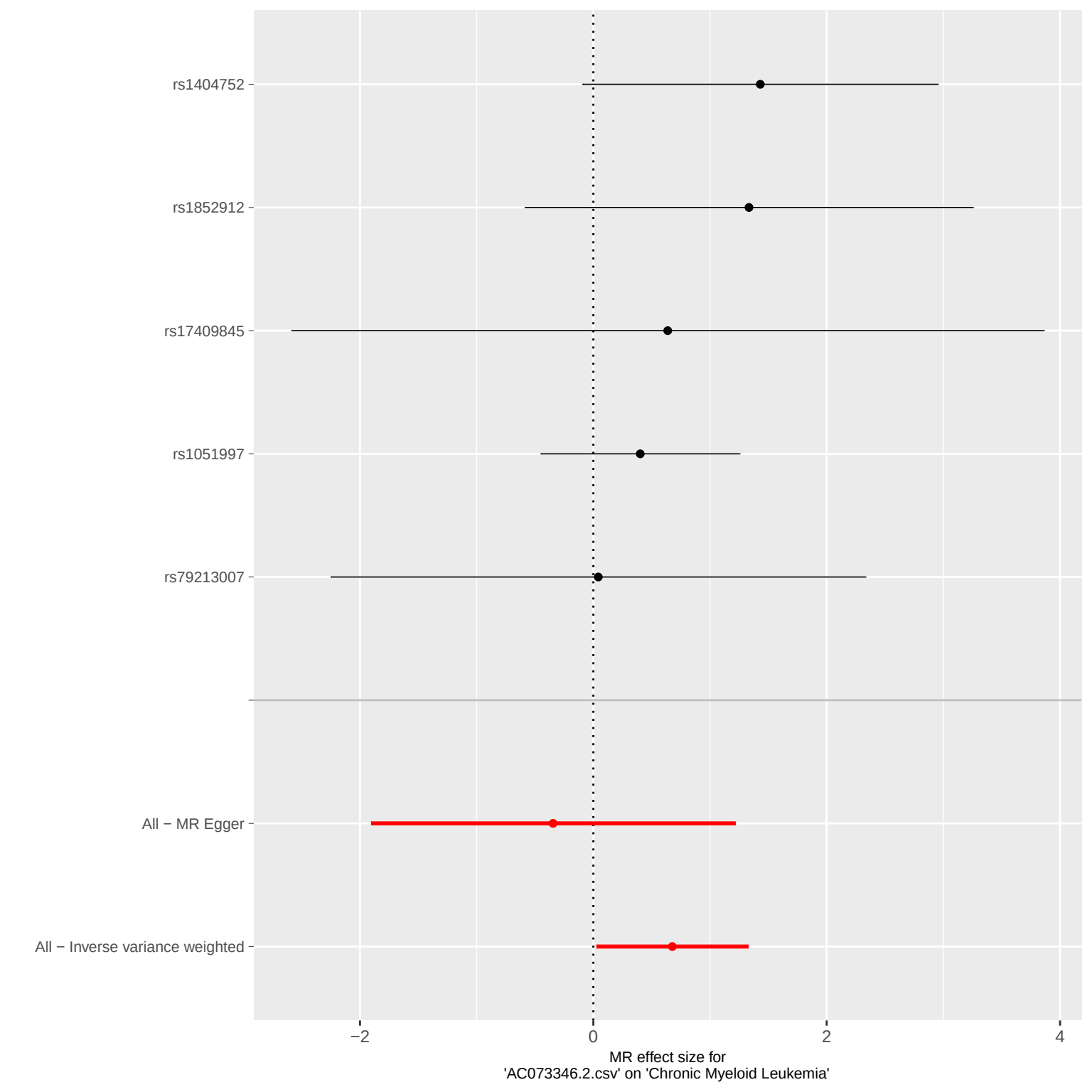
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All − Inverse variance weighted
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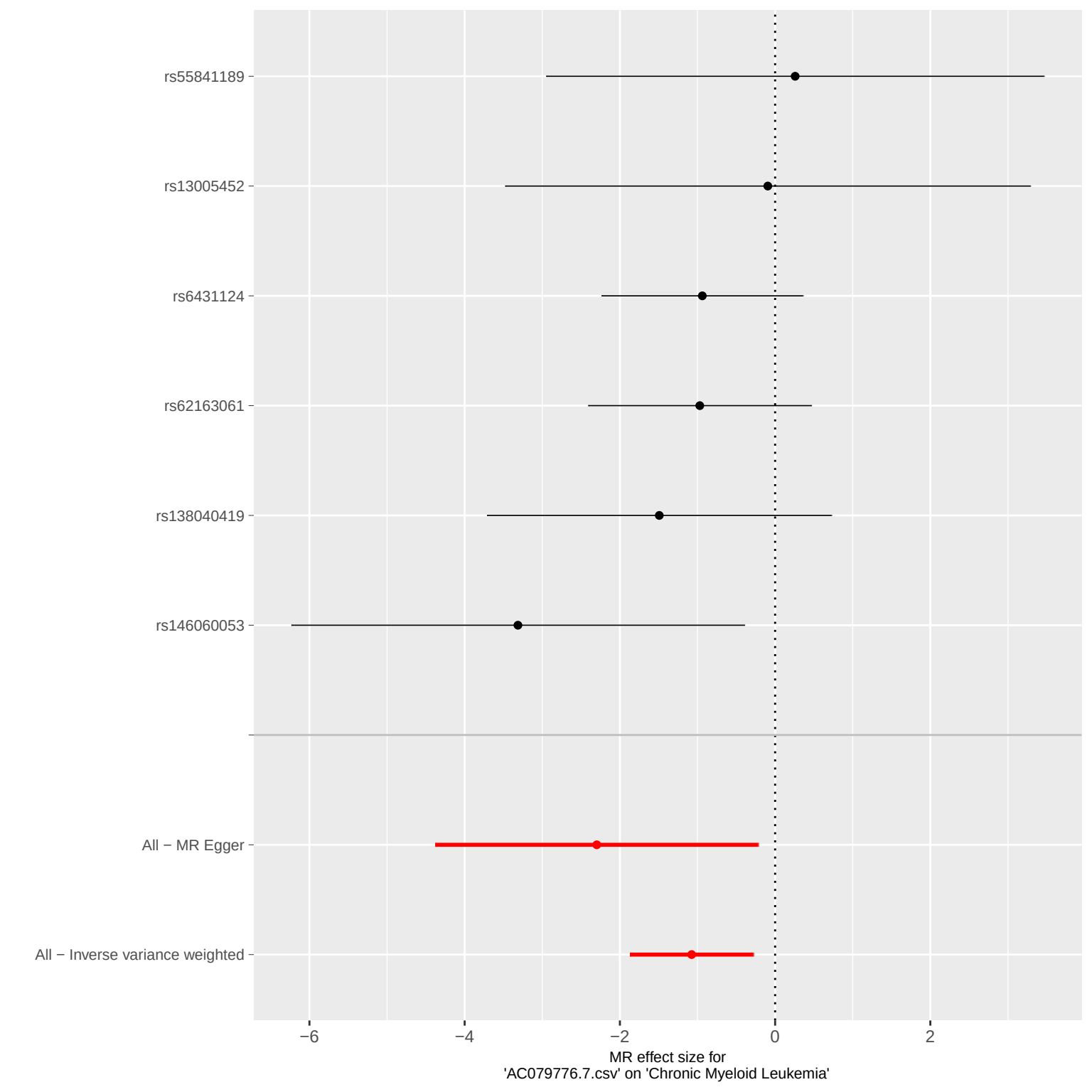
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−2
0
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MR effect size for
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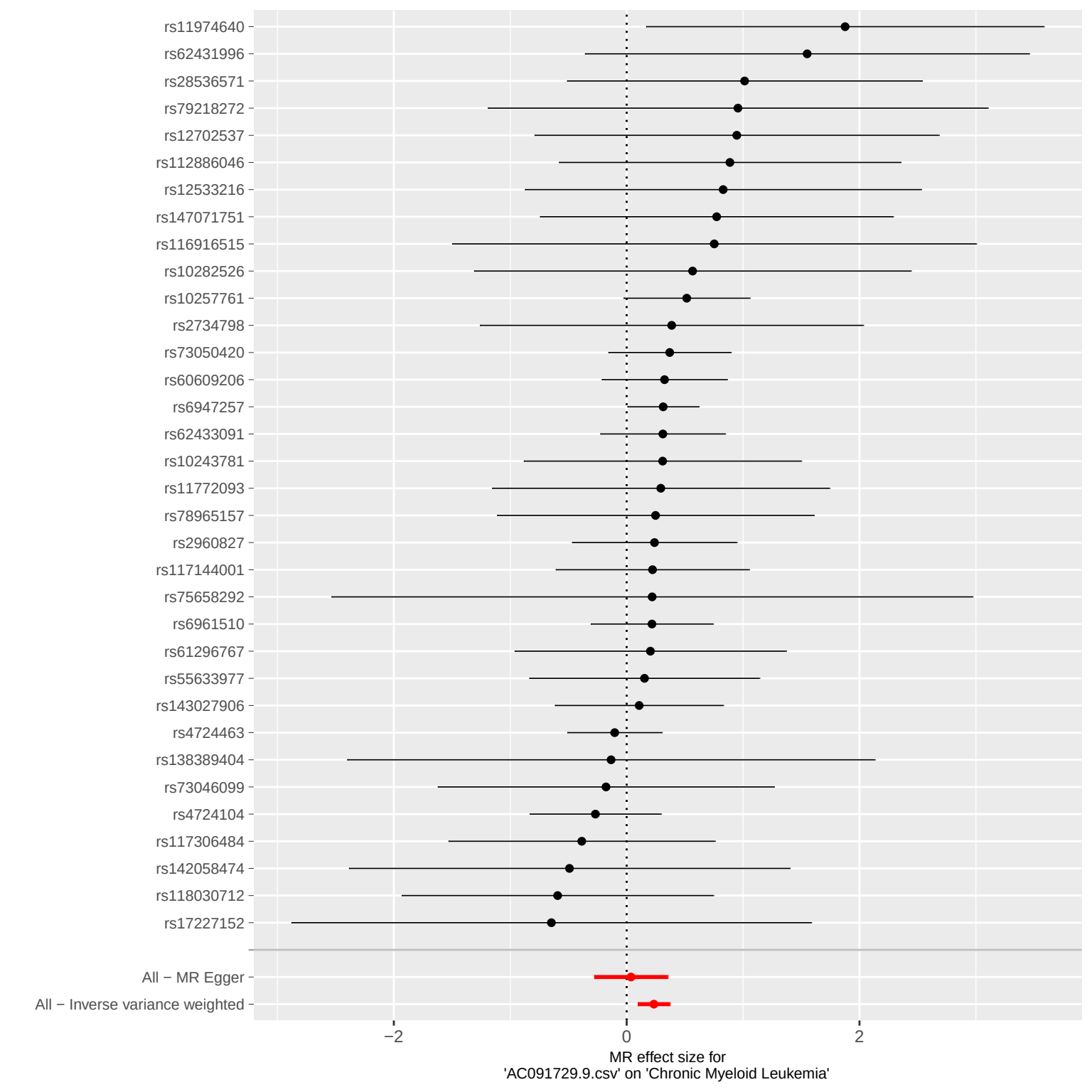
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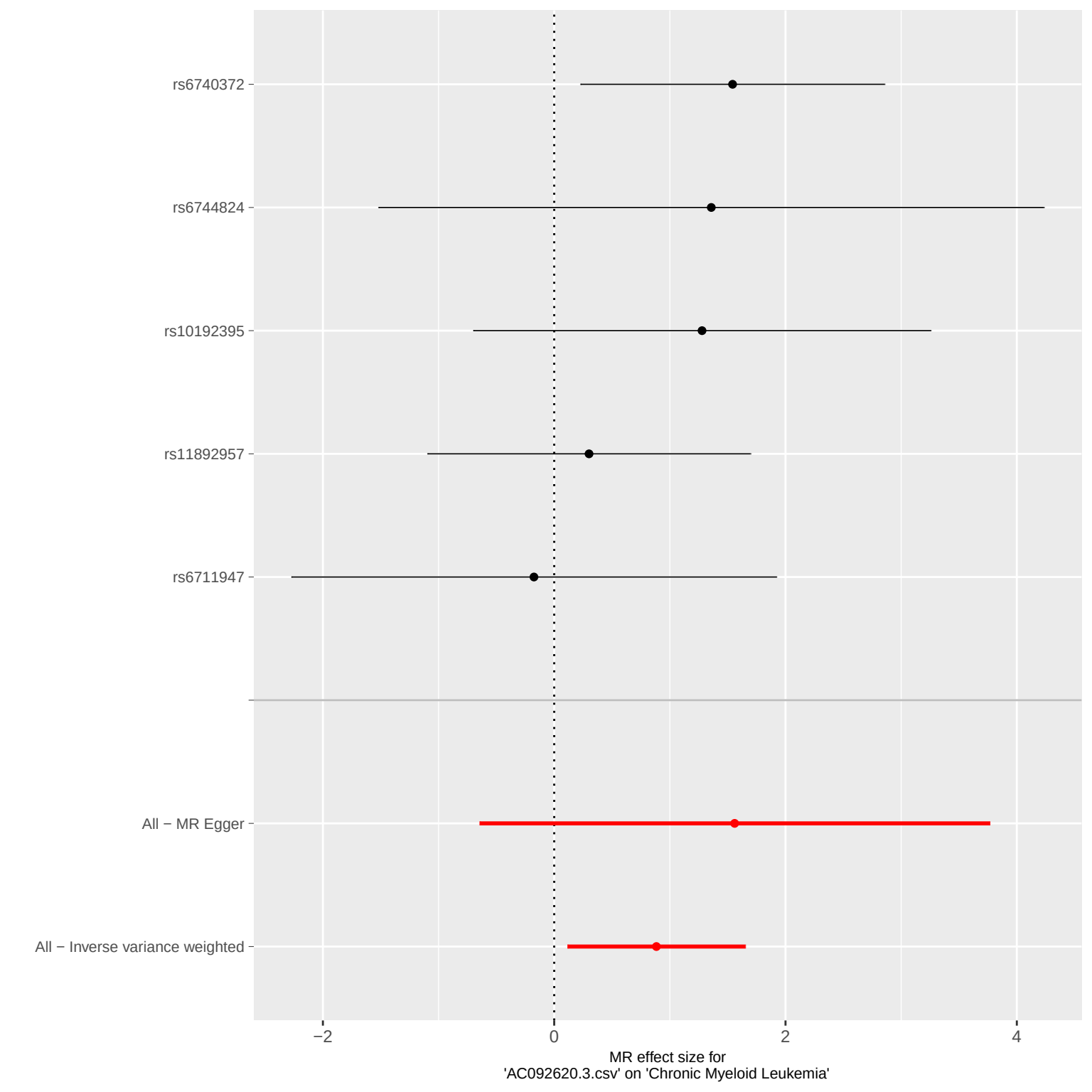
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All − Inverse variance weighted
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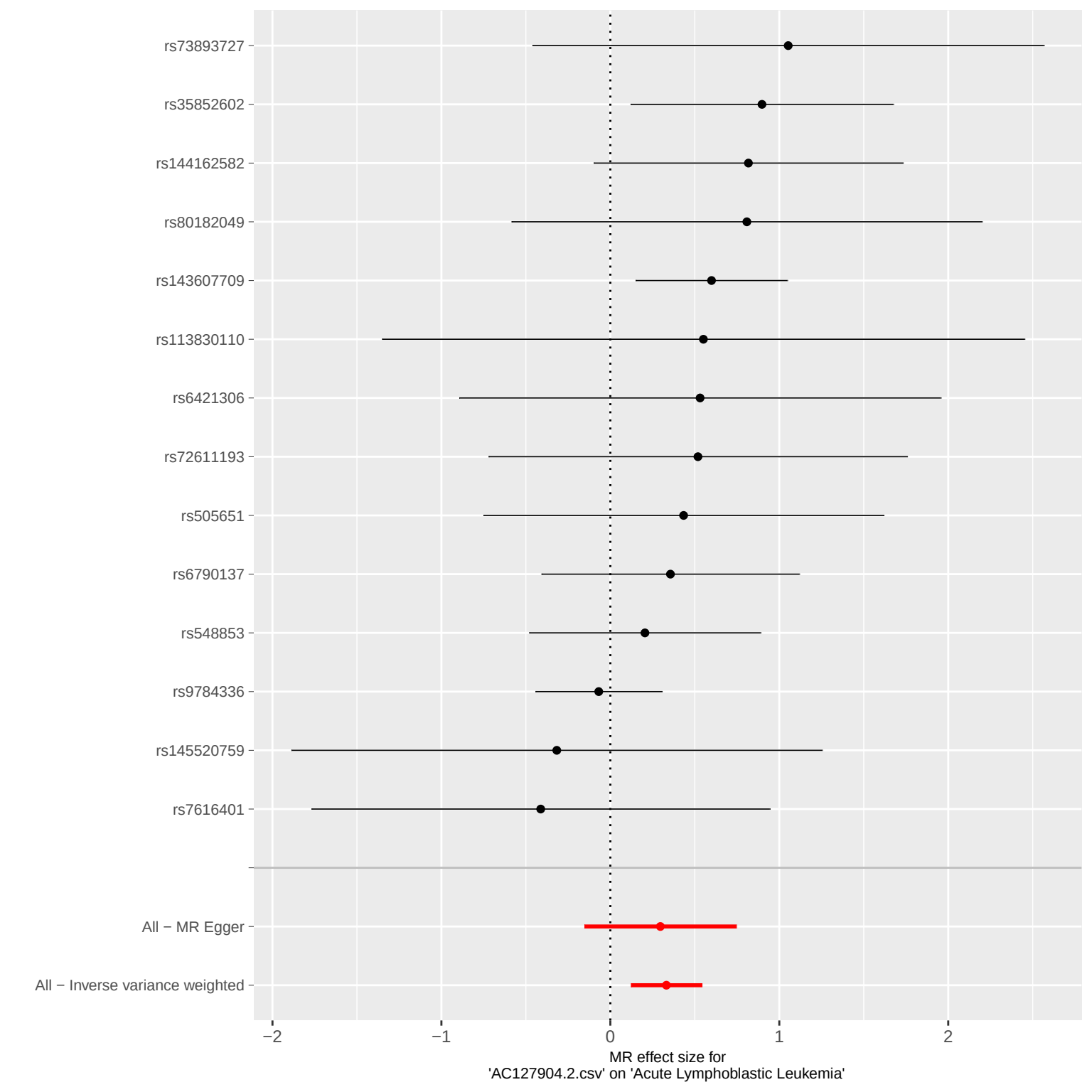
MR effect size for
'AC092620.3.csv' on 'Chronic Myeloid Leukemia'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rs9784336
rs145520759
rs7616401
All − MR Egger
All − Inverse variance weighted
−2
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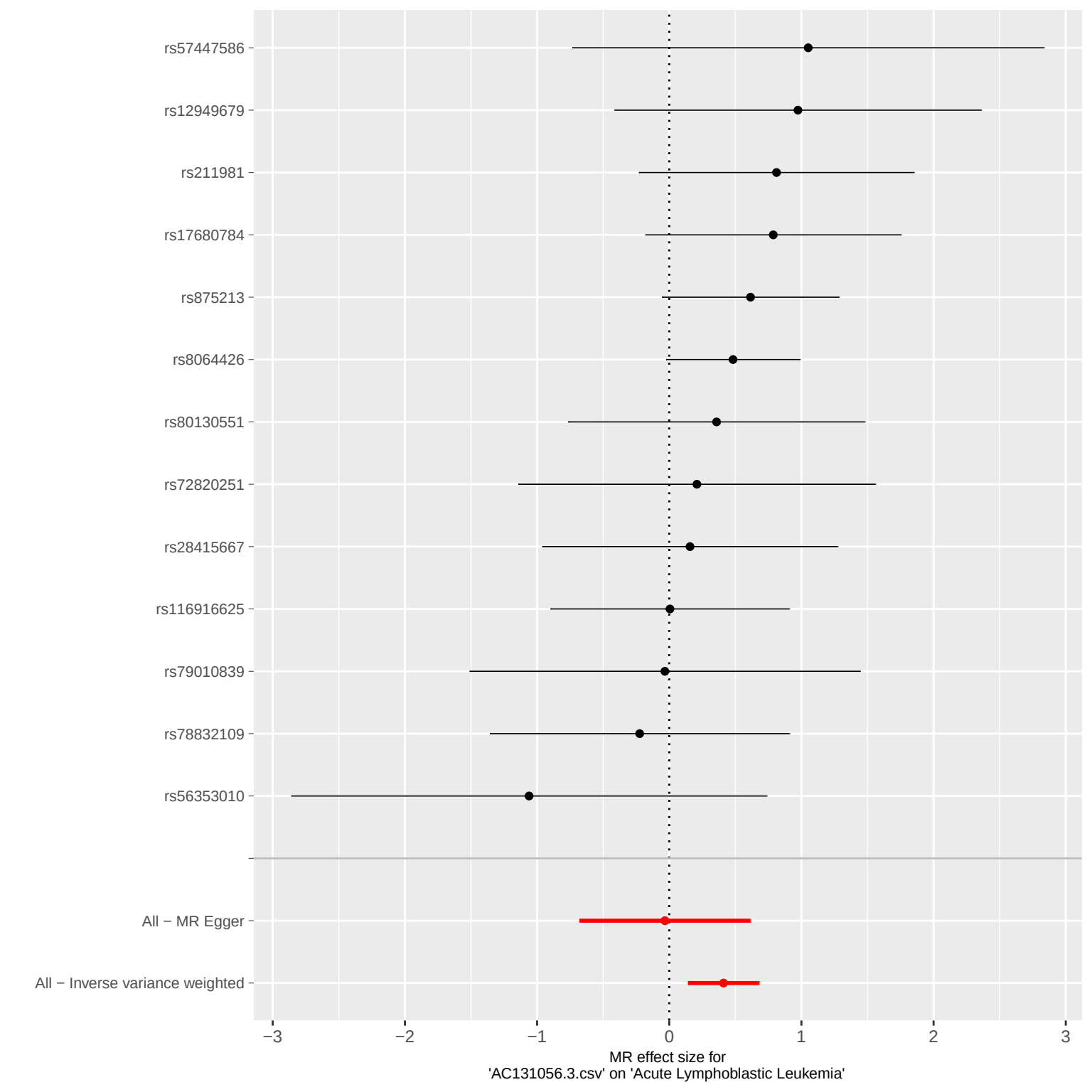
1
2
MR effect size for
'AC127904.2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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MR effect size for
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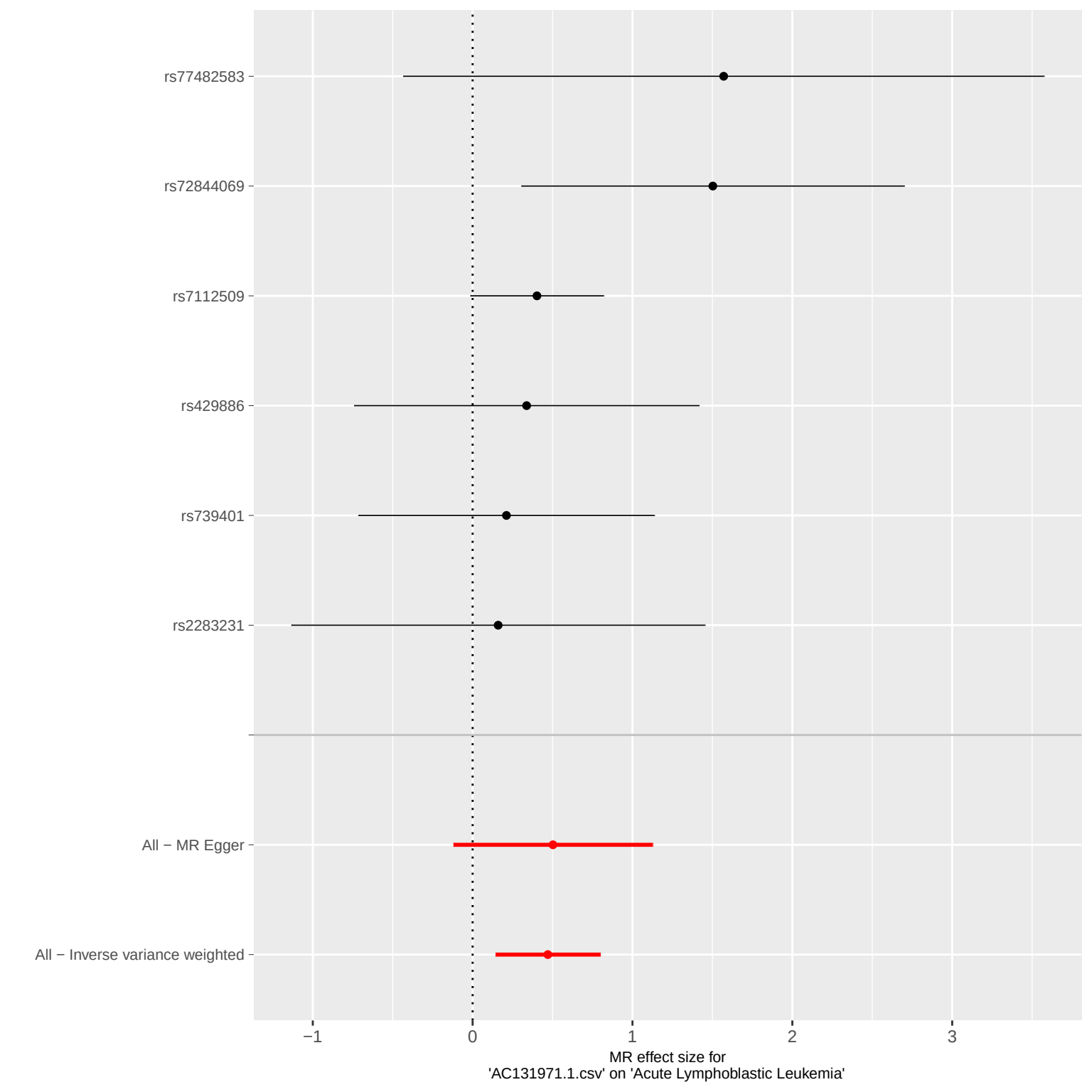
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All − MR Egger
All − Inverse variance weighted
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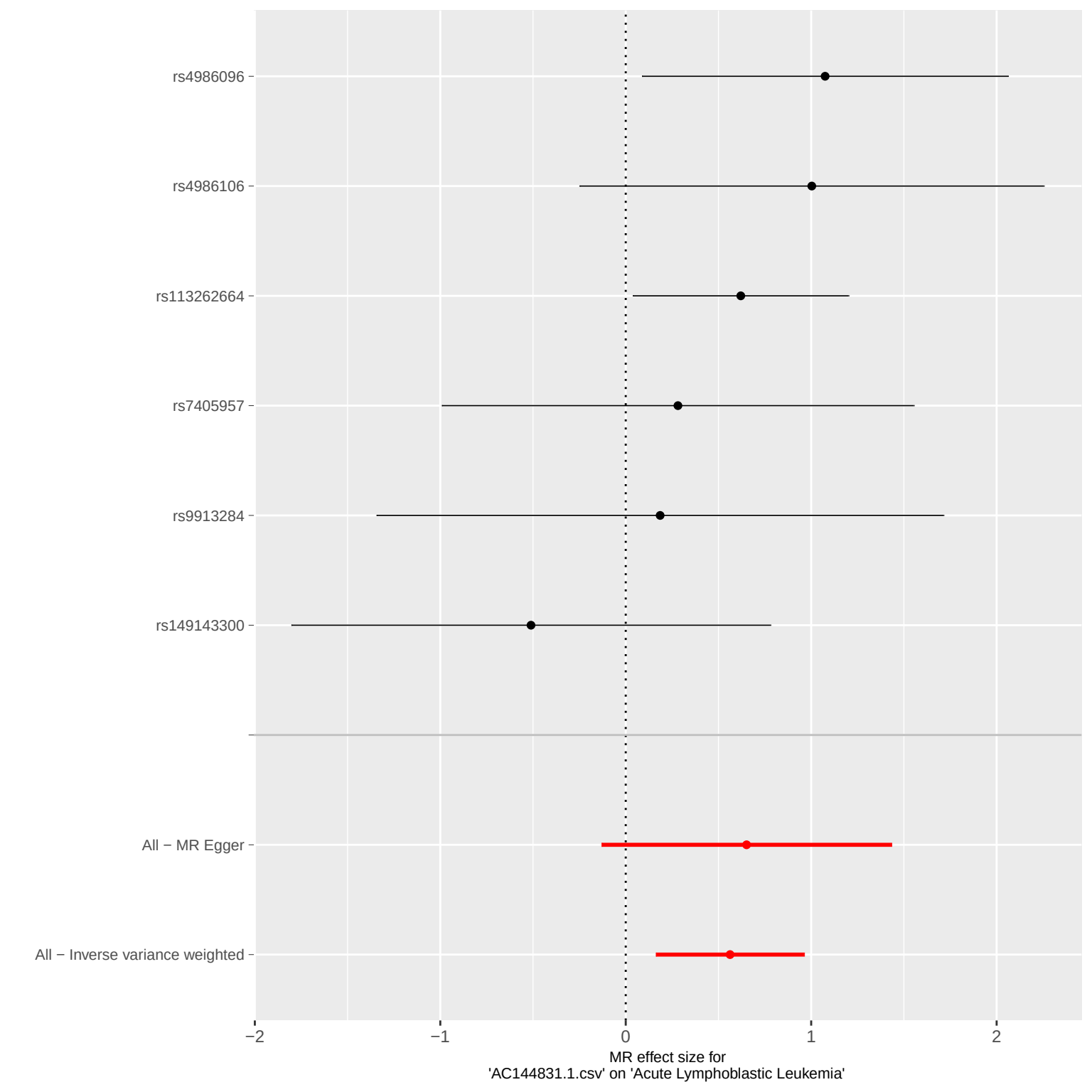
MR effect size for
'AC131971.1.csv' on 'Acute Lymphoblastic Leukemia'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rs149143300
All − MR Egger
All − Inverse variance weighted
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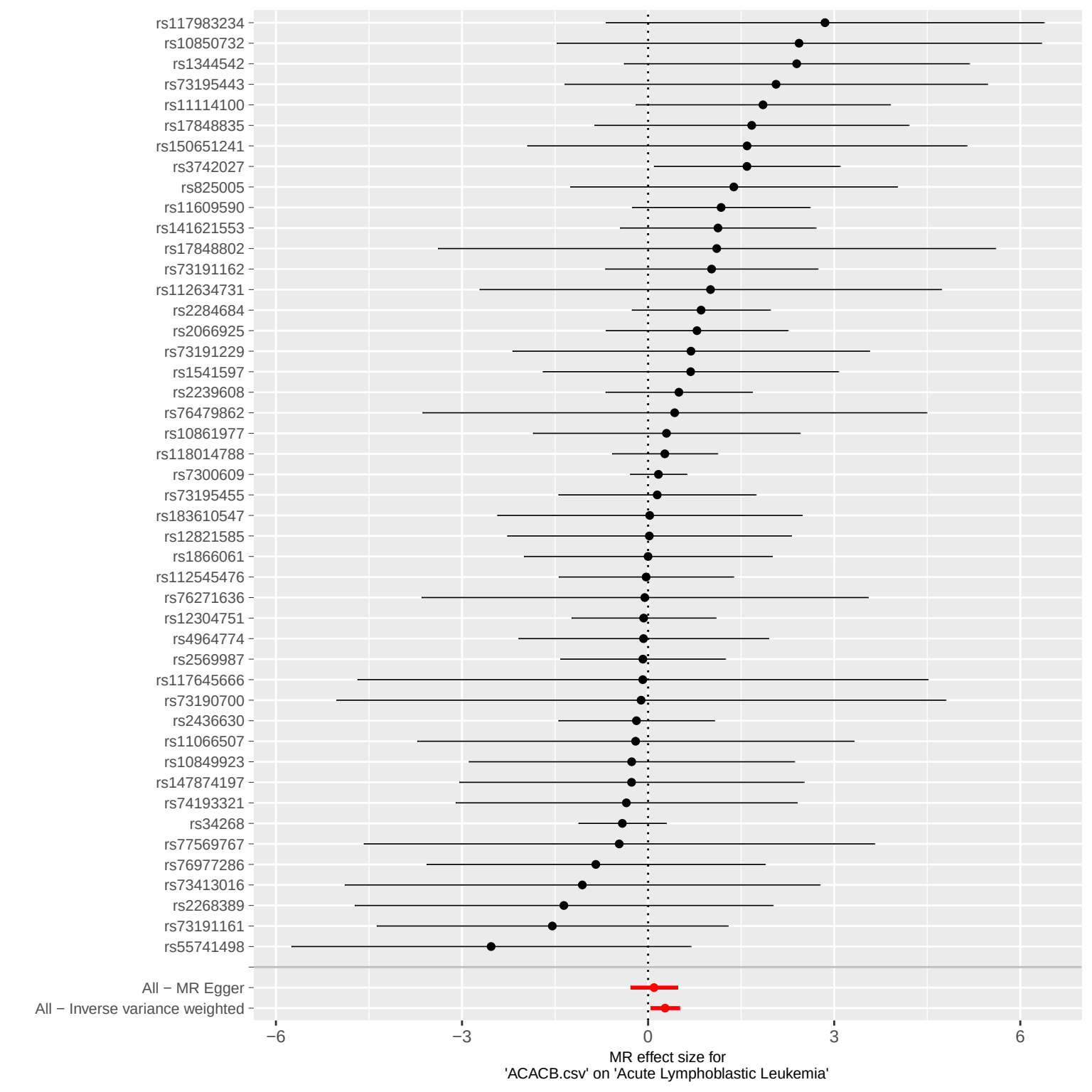
2
MR effect size for
'AC144831.1.csv' on 'Acute Lymphoblastic Leukemia'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rs74193321
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rs76977286
rs73413016
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rs55741498
All − MR Egger
All − Inverse variance weighted
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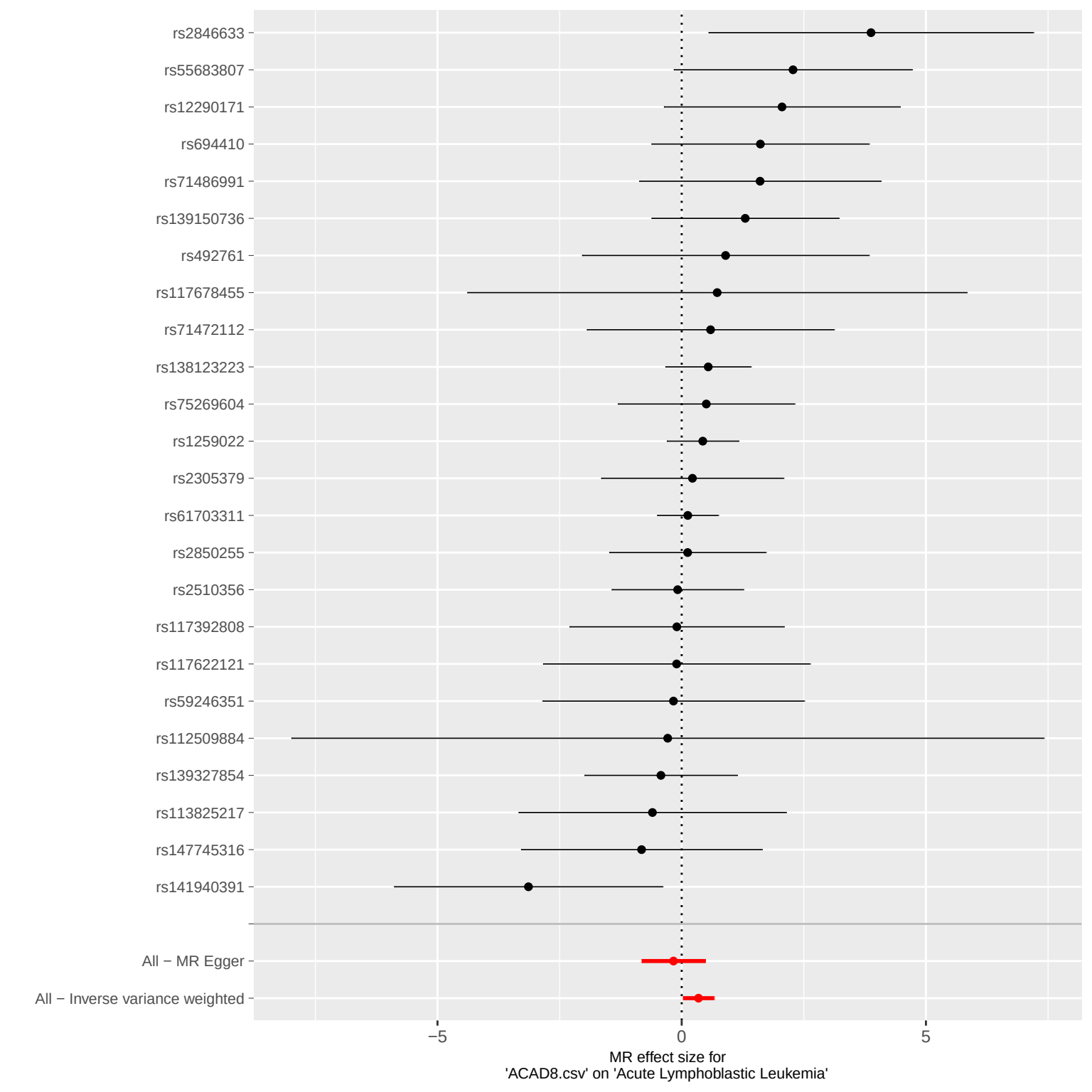
−3
0
3
6
MR effect size for
'ACACB.csv' on 'Acute Lymphoblastic Leukemia'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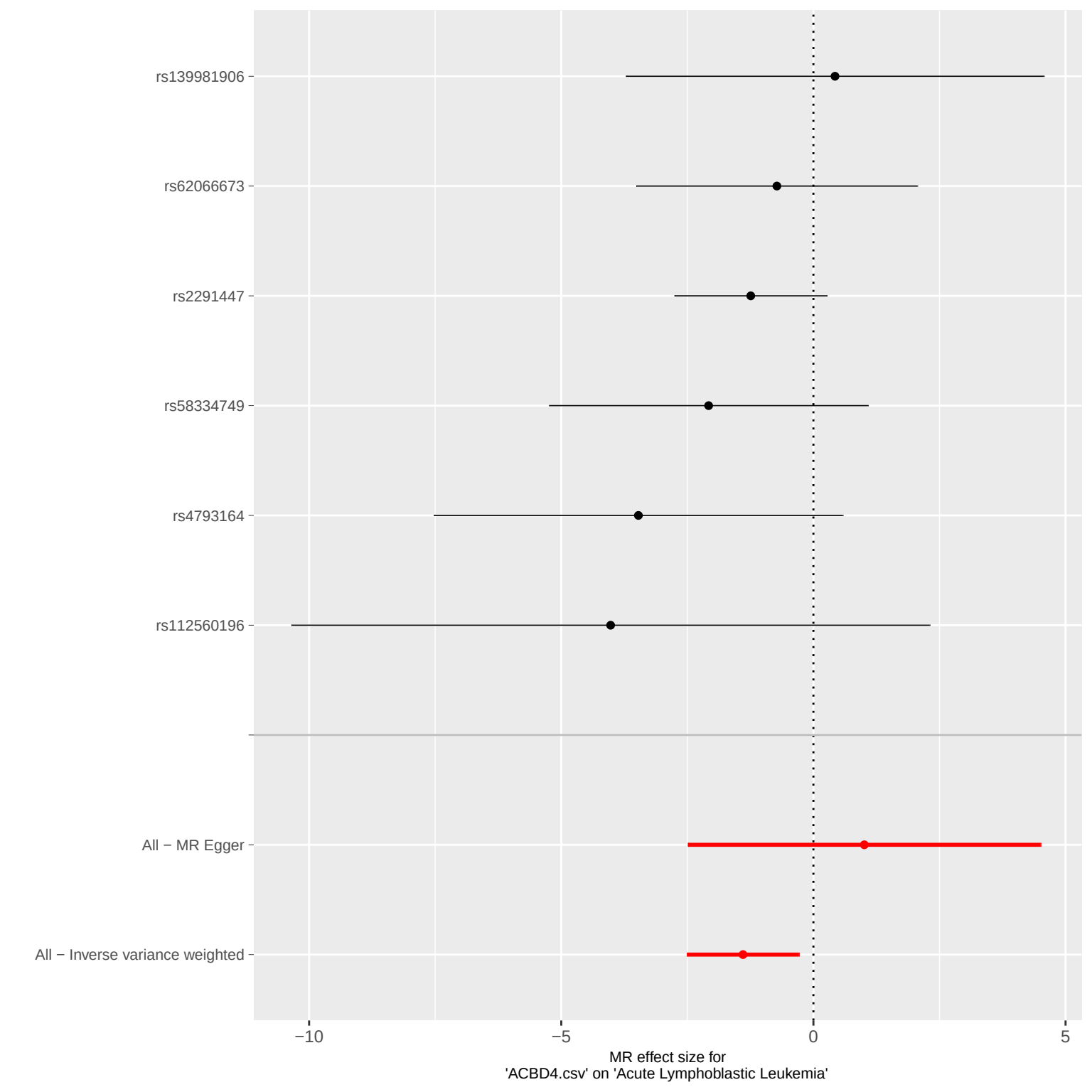
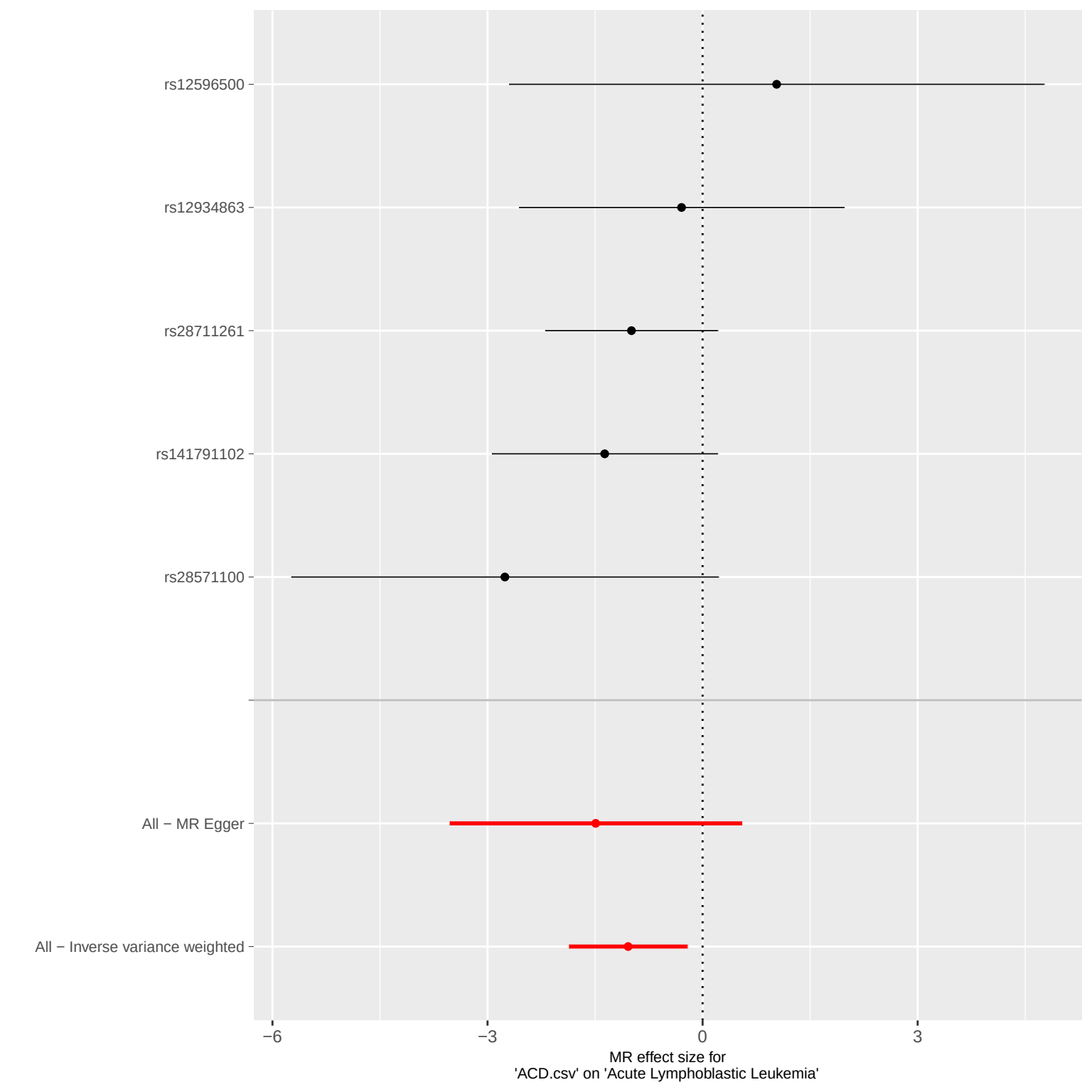
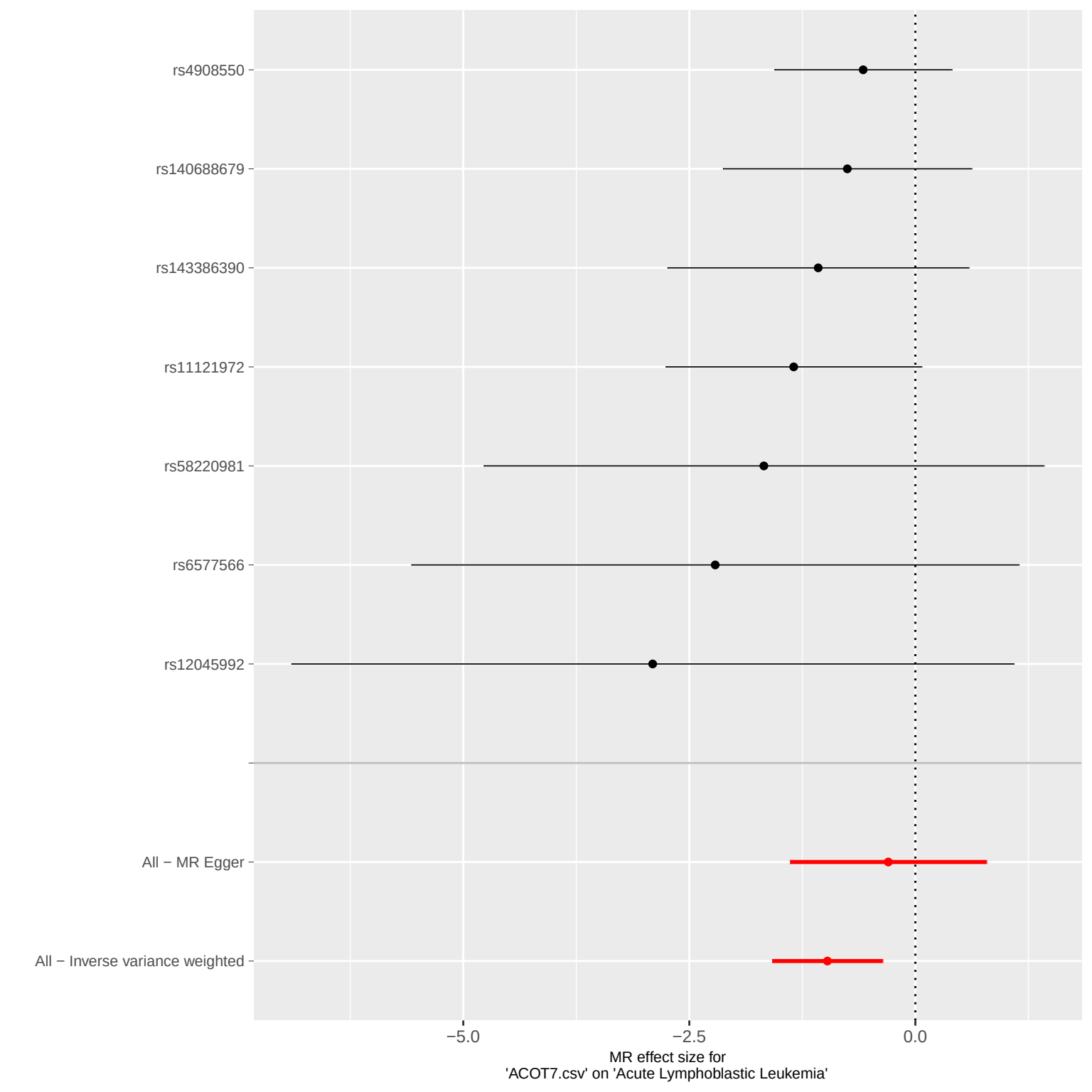
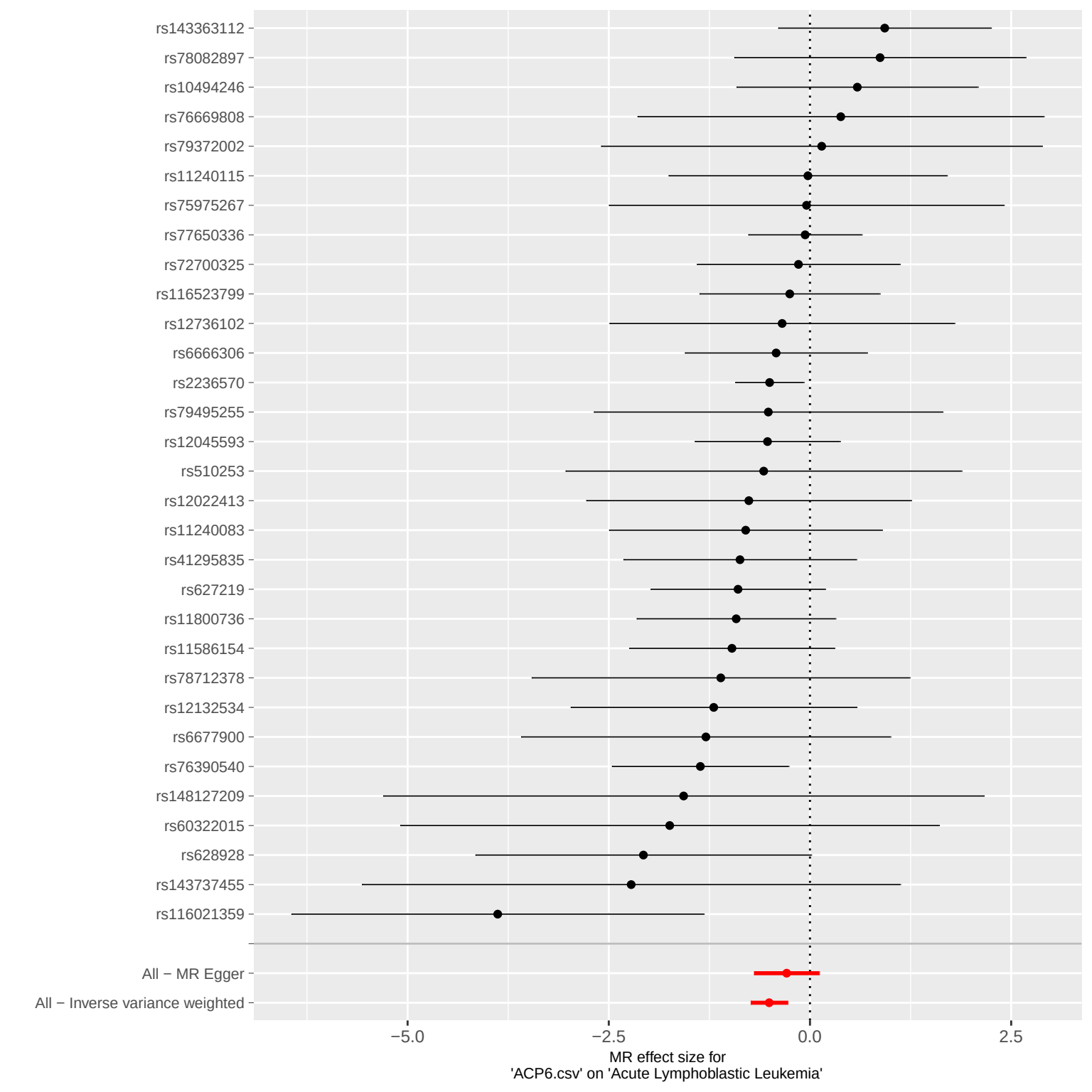
rs141940391
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ACAD8.csv' on 'Acute Lymphoblastic Leukemia'


rs139981906
rs62066673
rs2291447
rs58334749
rs4793164
rs112560196
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ACBD4.csv' on 'Acute Lymphoblastic Leukemia'


rs12596500
rs12934863
rs28711261
rs141791102
rs28571100
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ACD.csv' on 'Acute Lymphoblastic Leukemia'


rs4908550
rs140688679
rs143386390
rs11121972
rs58220981
rs6577566
rs12045992
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'ACOT7.csv' on 'Acute Lymphoblastic Leukemia'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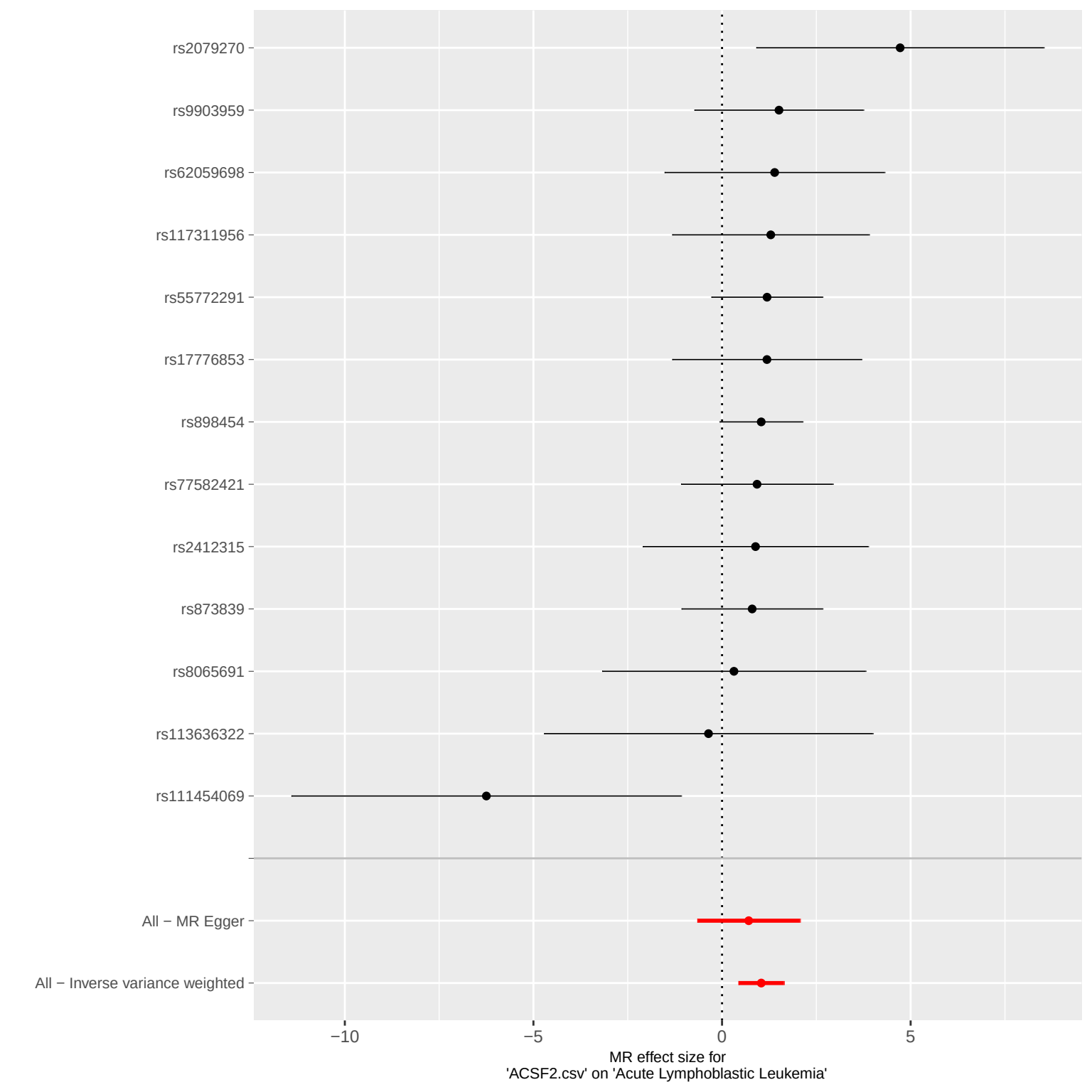
rs6666306
rs2236570
rs79495255
rs12045593
rs510253
rs12022413
rs11240083
rs41295835
rs627219
rs11800736
rs11586154
rs78712378
rs12132534
rs6677900
rs76390540
rs148127209
rs60322015
rs628928
rs143737455
rs116021359
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ACP6.csv' on 'Acute Lymphoblastic Leukemia'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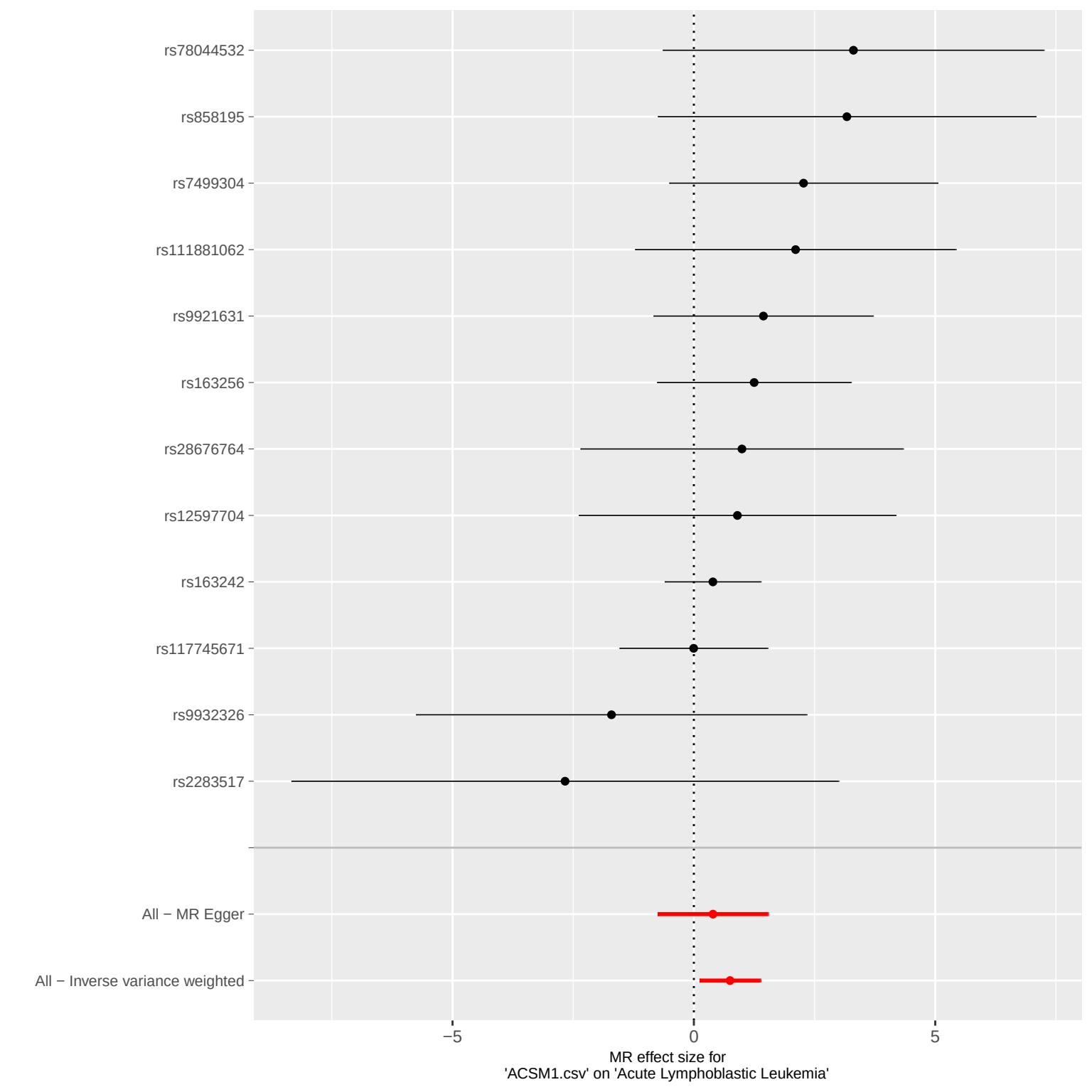
rs17776853
rs898454
rs77582421
rs2412315
rs873839
rs8065691
rs113636322
rs111454069
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ACSF2.csv' on 'Acute Lymphoblastic Leukemia'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rs7499304
rs111881062
rs9921631
rs163256
rs28676764
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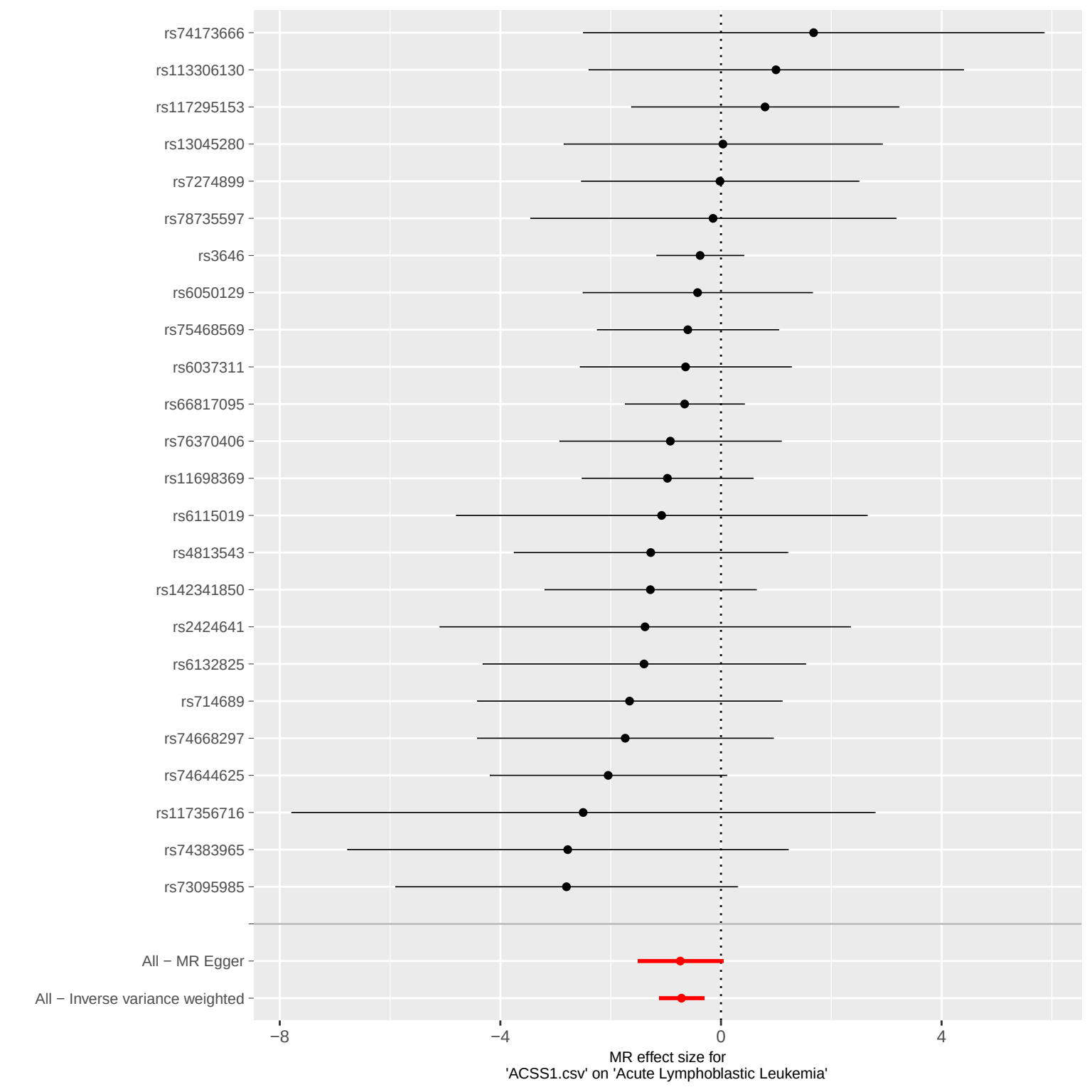
rs163242
rs117745671
rs9932326
rs2283517
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ACSM1.csv' on 'Acute Lymphoblastic Leukemia'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rs6115019
rs4813543
rs142341850
rs2424641
rs6132825
rs714689
rs74668297
rs74644625
rs117356716
rs74383965
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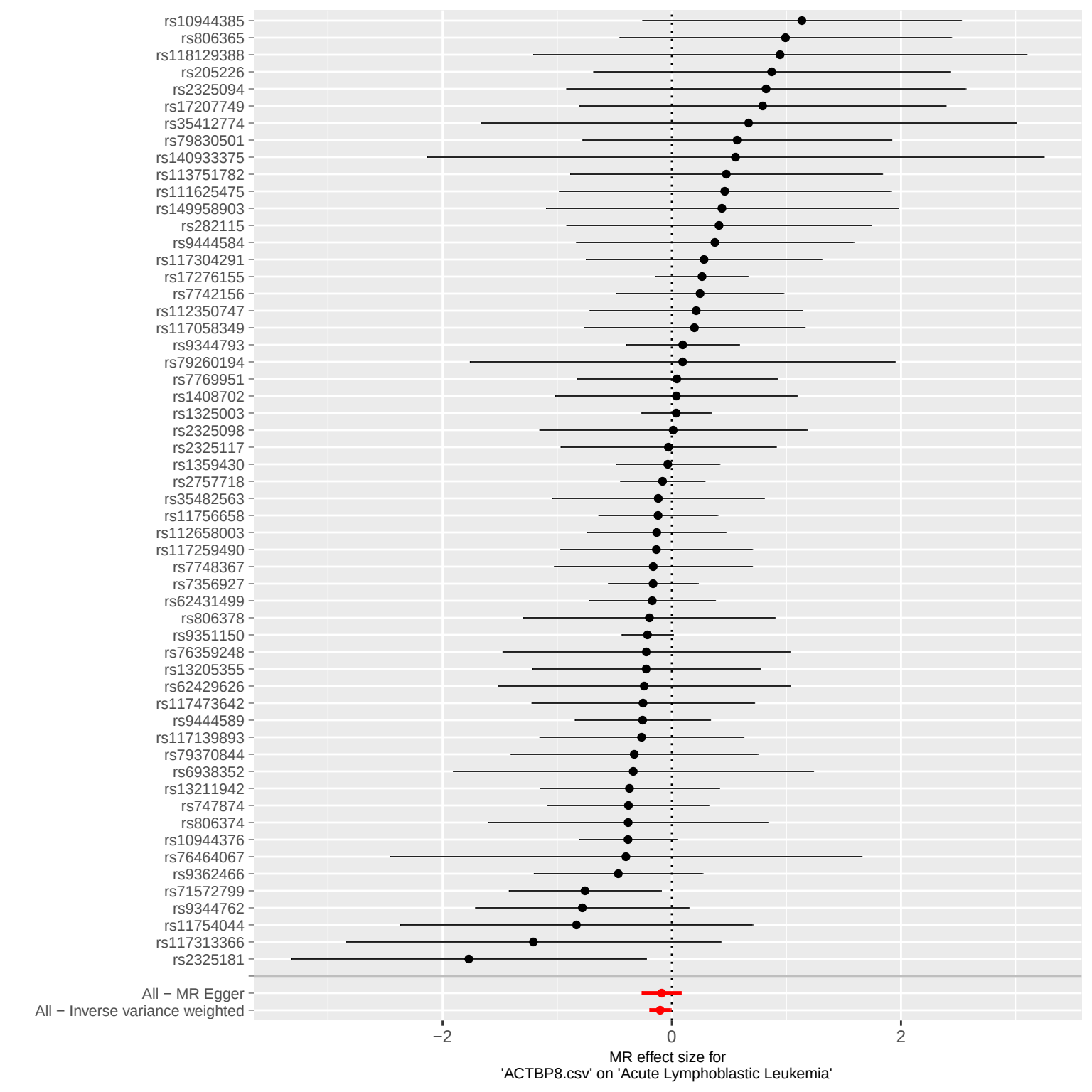
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ACSS1.csv' on 'Acute Lymphoblastic Leukemia'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rs282115
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rs7742156
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rs79260194
rs7769951
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rs7748367
rs7356927
rs62431499
rs806378
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rs76359248
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rs117139893
rs79370844
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rs747874
rs806374
rs10944376
rs76464067
rs9362466
rs71572799
rs9344762
rs11754044
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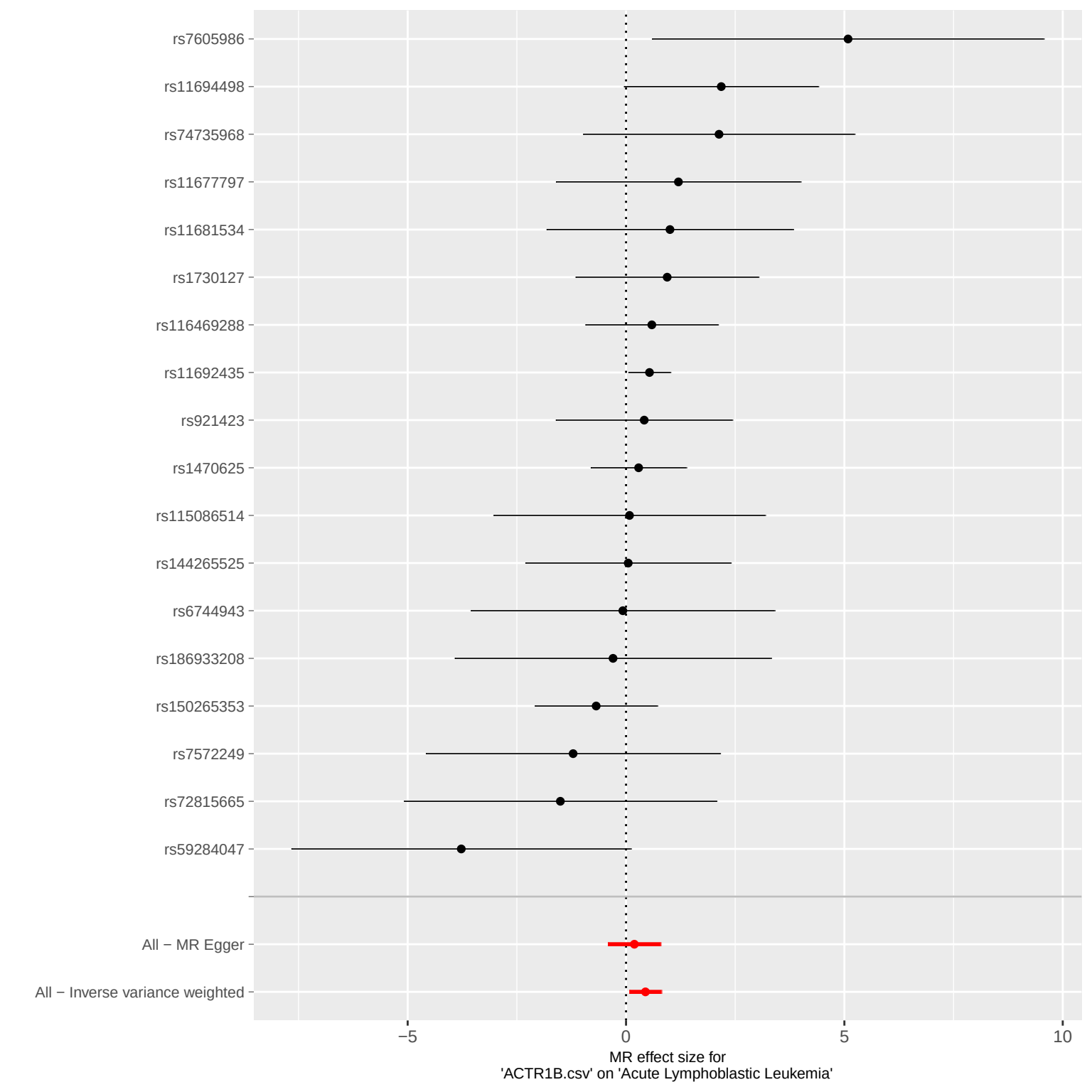
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ACTBP8.csv' on 'Acute Lymphoblastic Leukemia'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rs11694498
rs74735968
rs11677797
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rs1730127
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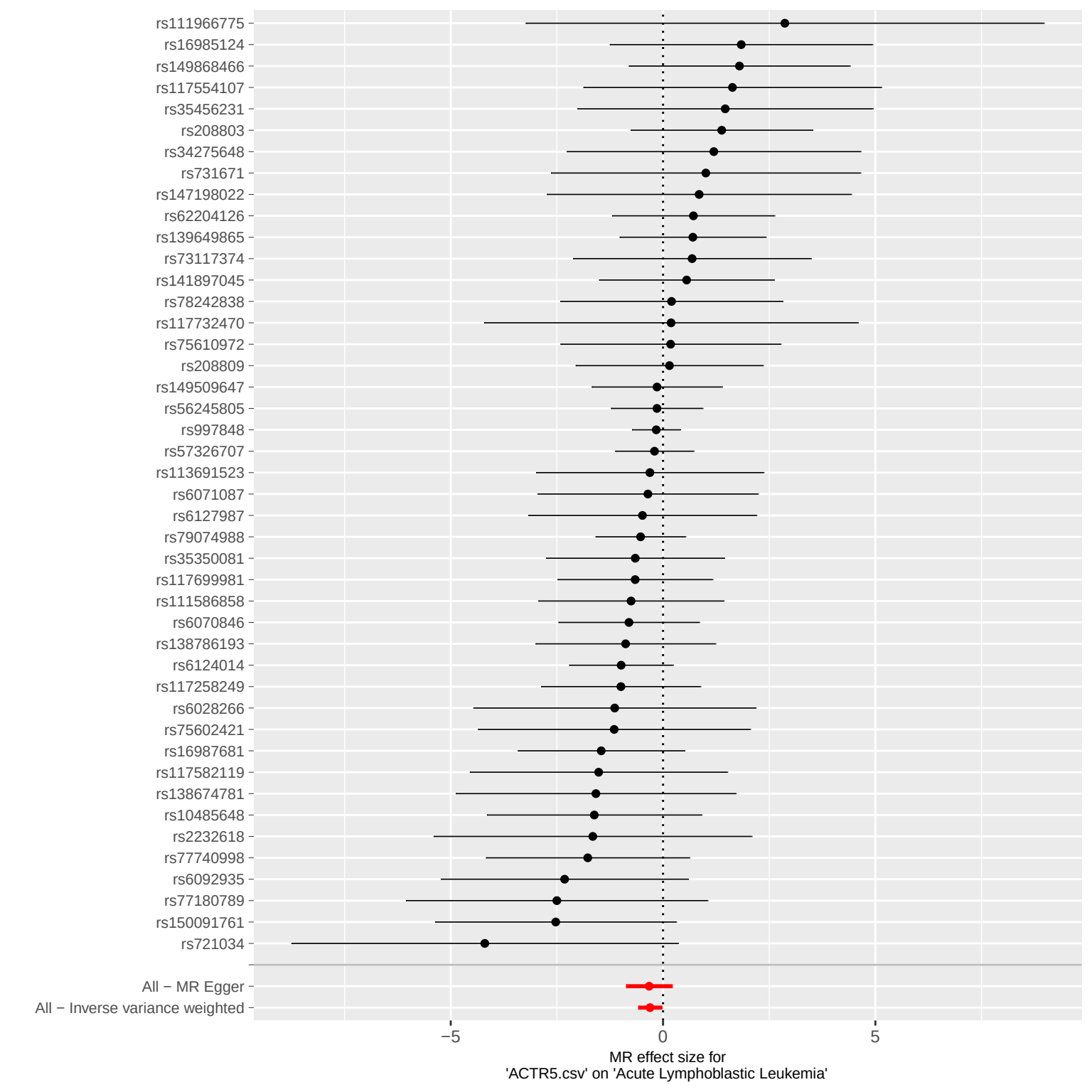
rs921423
rs1470625
rs115086514
rs144265525
rs6744943
rs186933208
rs150265353
rs7572249
rs72815665
rs59284047
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ACTR1B.csv' on 'Acute Lymphoblastic Leukemia'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rs35456231
rs208803
rs34275648
rs731671
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rs139649865
rs73117374
rs141897045
rs78242838
rs117732470
rs75610972
rs208809
rs149509647
rs56245805
rs997848
rs57326707
rs113691523
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rs6127987
rs79074988
rs35350081
rs117699981
rs111586858
rs6070846
rs138786193
rs6124014
rs117258249
rs6028266
rs75602421
rs16987681
rs117582119
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rs10485648
rs2232618
rs77740998
rs6092935
rs77180789
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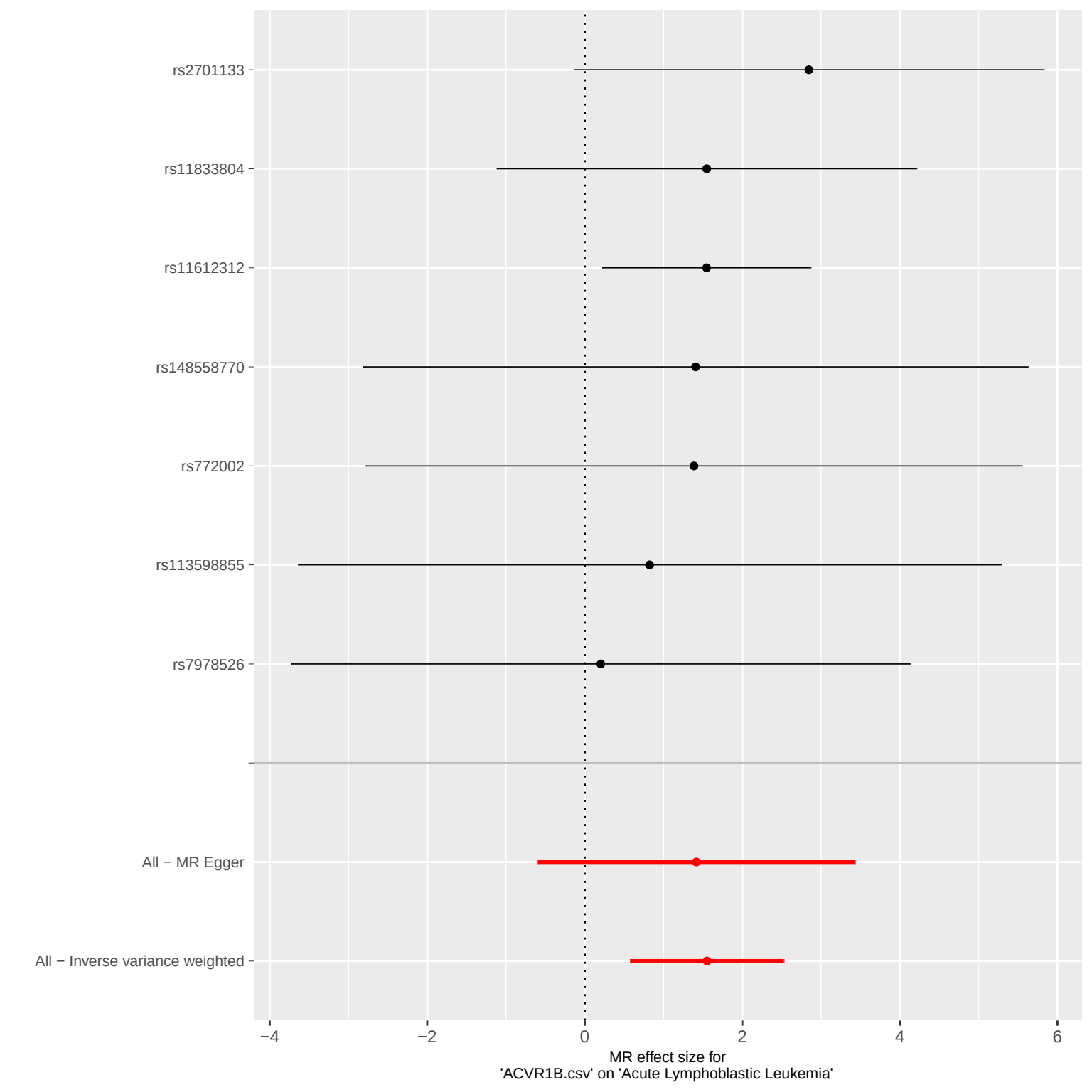
rs721034
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ACTR5.csv' on 'Acute Lymphoblastic Leukemia'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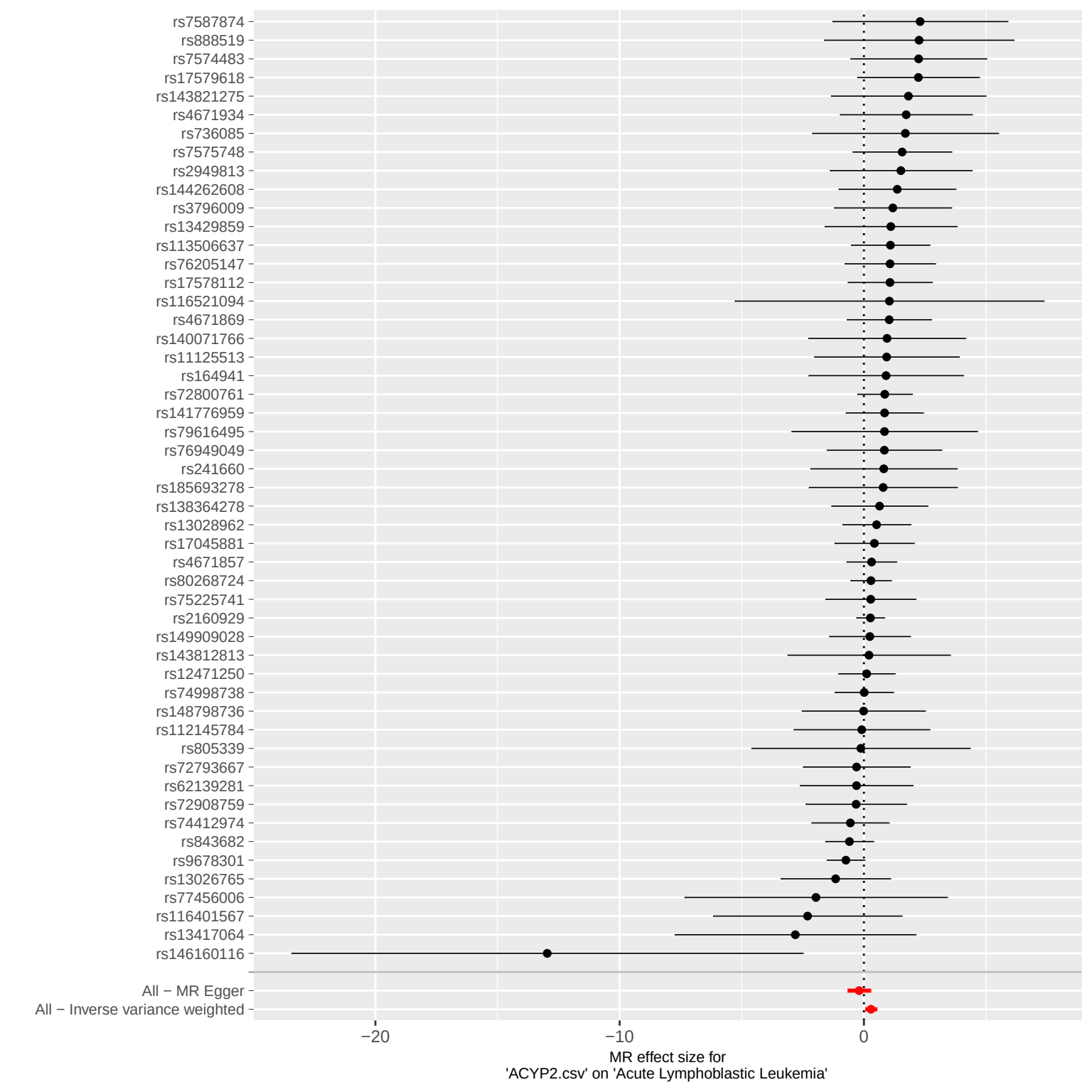
rs772002
rs113598855
rs7978526
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'ACVR1B.csv' on 'Acute Lymphoblastic Leukemia'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rs140071766
rs11125513
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rs76949049
rs241660
rs185693278
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rs17045881
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rs75225741
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rs74412974
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All − MR Egger
All − Inverse variance weighted
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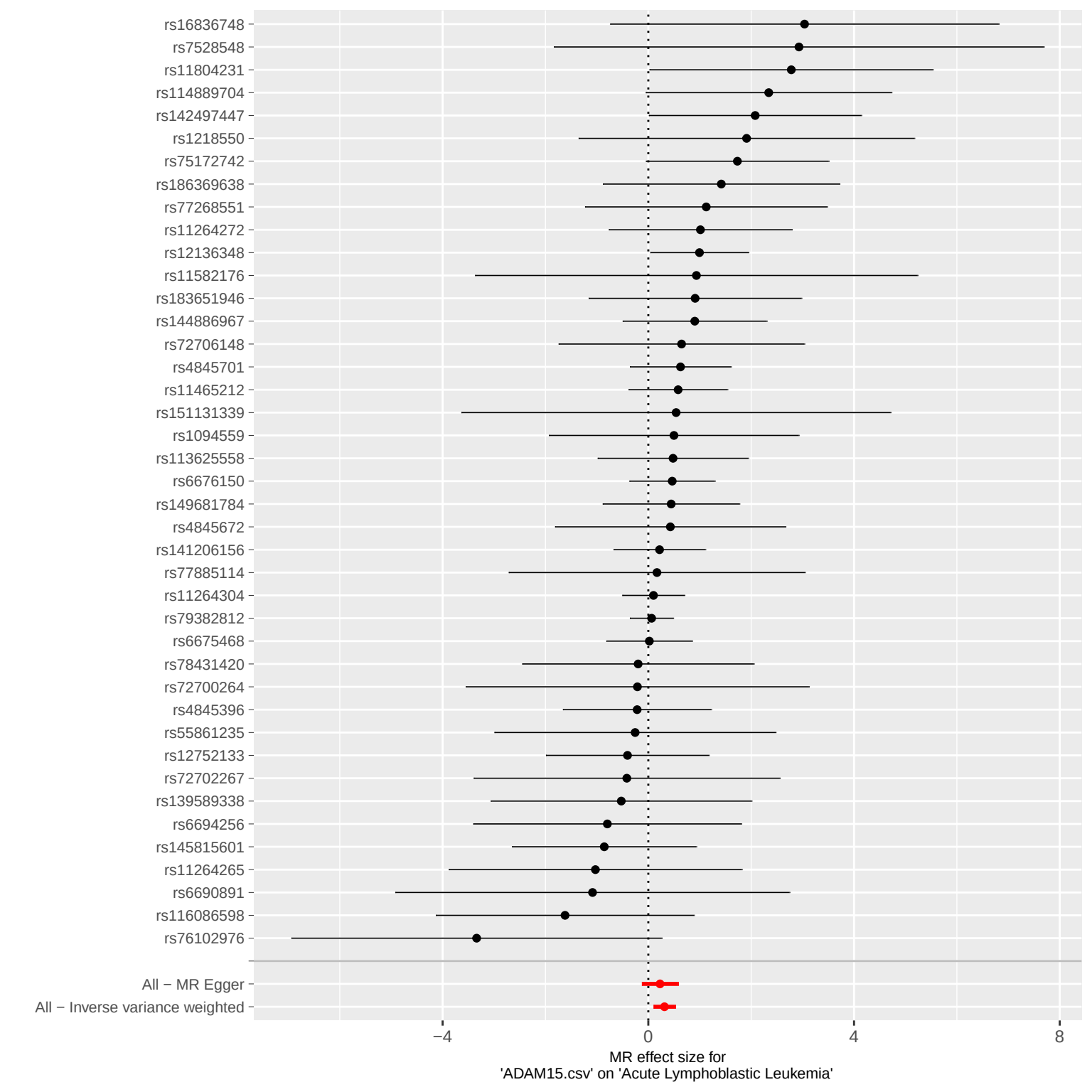
MR effect size for
'ACYP2.csv' on 'Acute Lymphoblastic Leukemia'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rs11582176
rs183651946
rs144886967
rs72706148
rs4845701
rs11465212
rs151131339
rs1094559
rs113625558
rs6676150
rs149681784
rs4845672
rs141206156
rs77885114
rs11264304
rs79382812
rs6675468
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rs139589338
rs6694256
rs145815601
rs11264265
rs6690891
rs116086598
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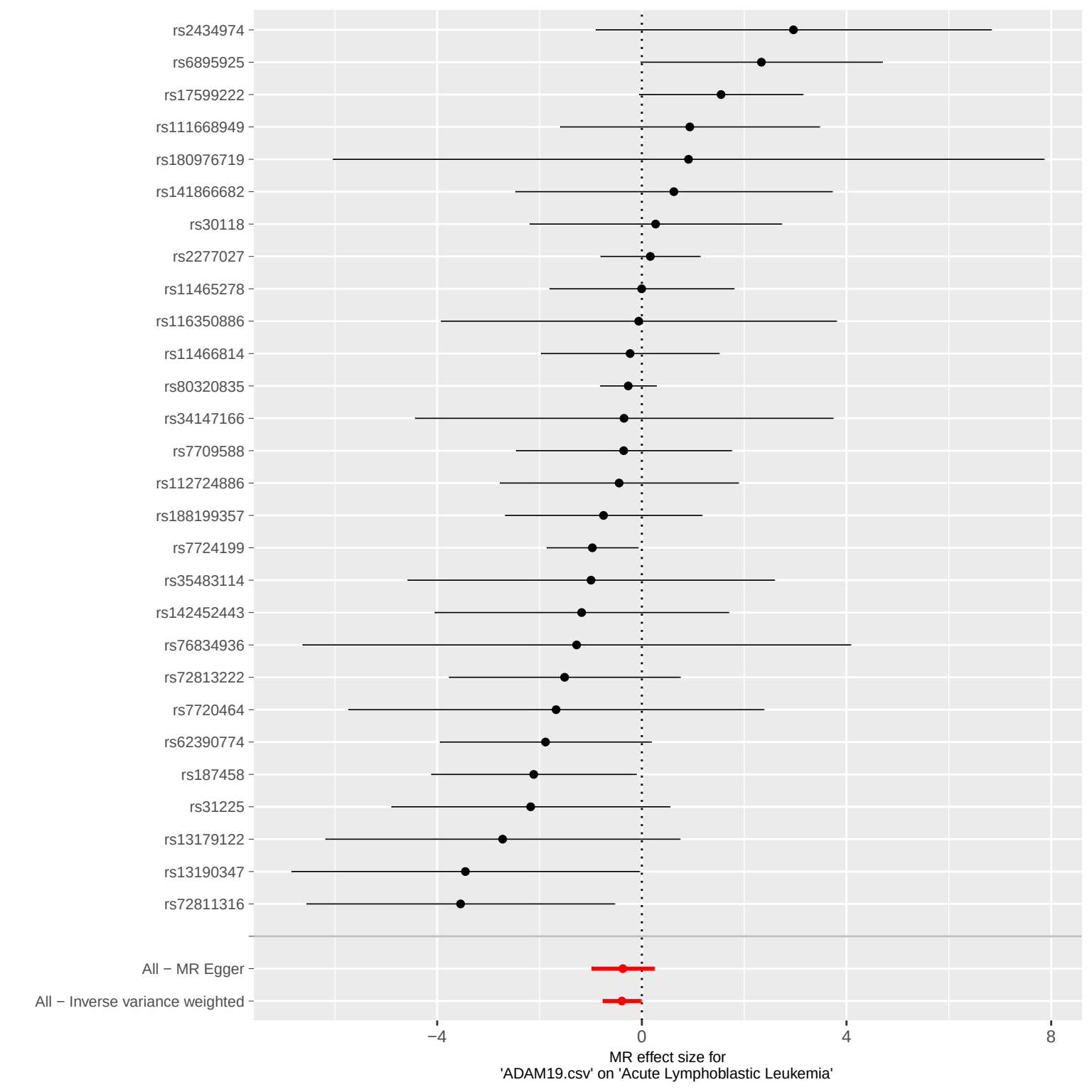
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ADAM15.csv' on 'Acute Lymphoblastic Leukemia'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rs188199357
rs7724199
rs35483114
rs142452443
rs76834936
rs72813222
rs7720464
rs62390774
rs187458
rs31225
rs13179122
rs13190347
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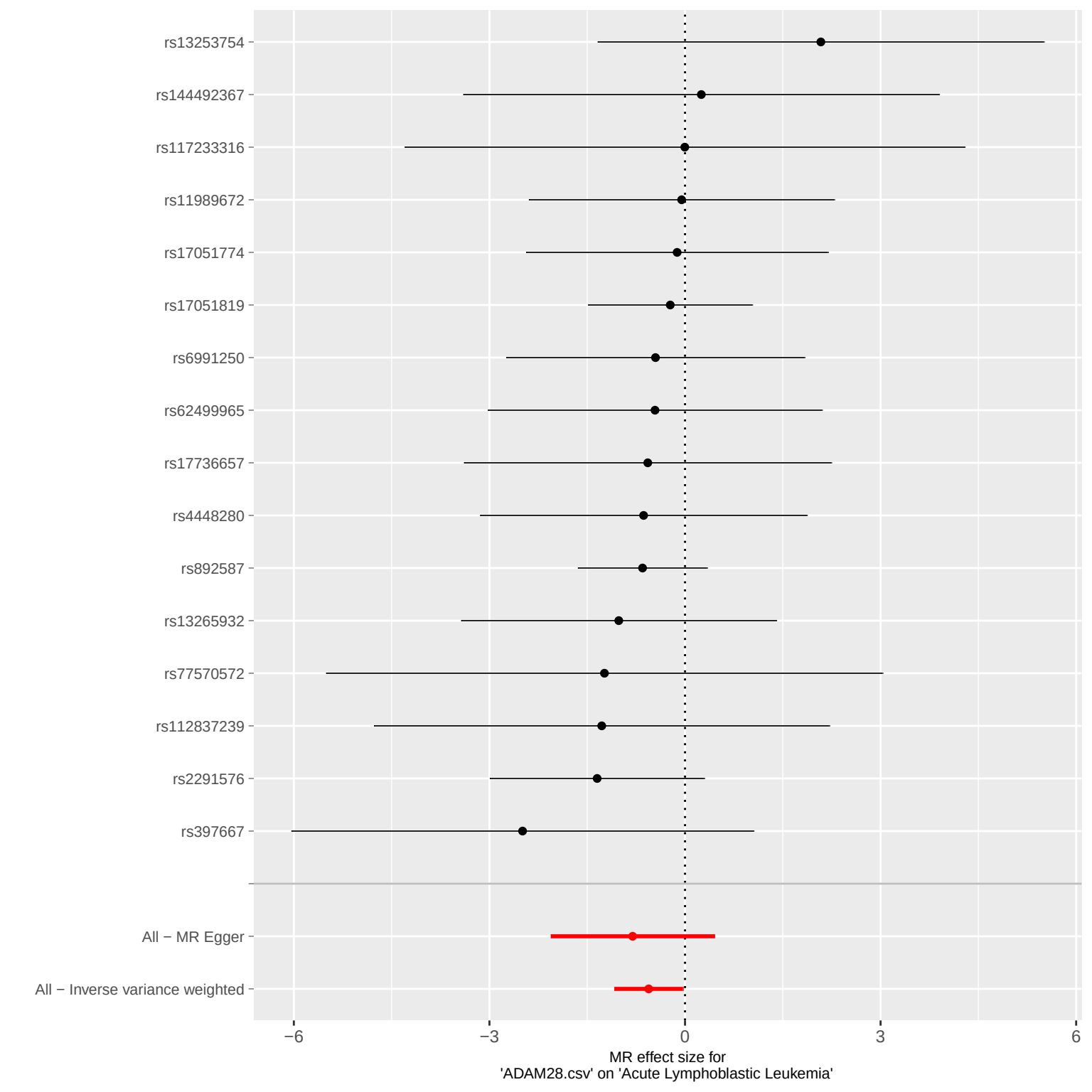
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ADAM19.csv' on 'Acute Lymphoblastic Leukemia'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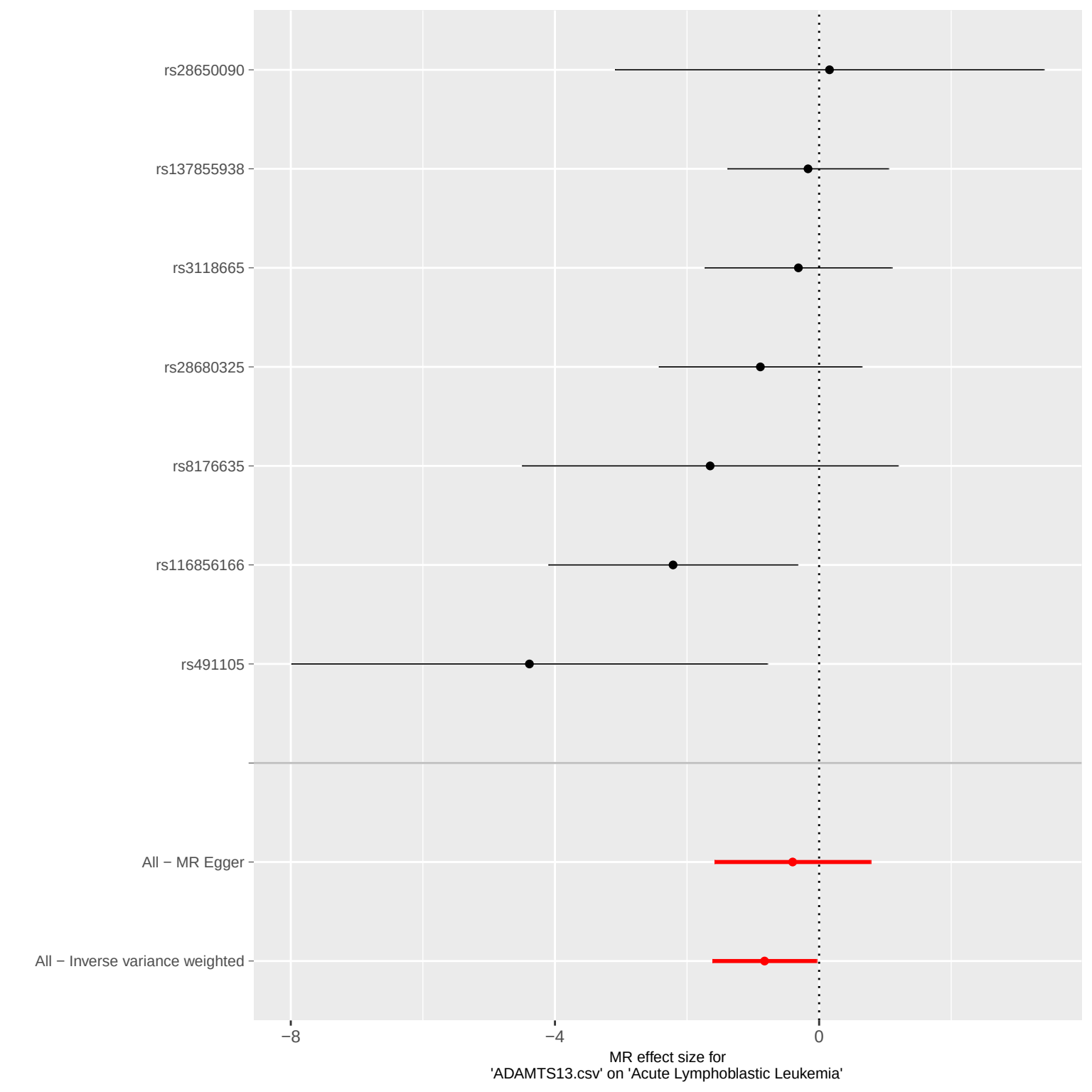
rs892587
rs13265932
rs77570572
rs112837239
rs2291576
rs397667
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ADAM28.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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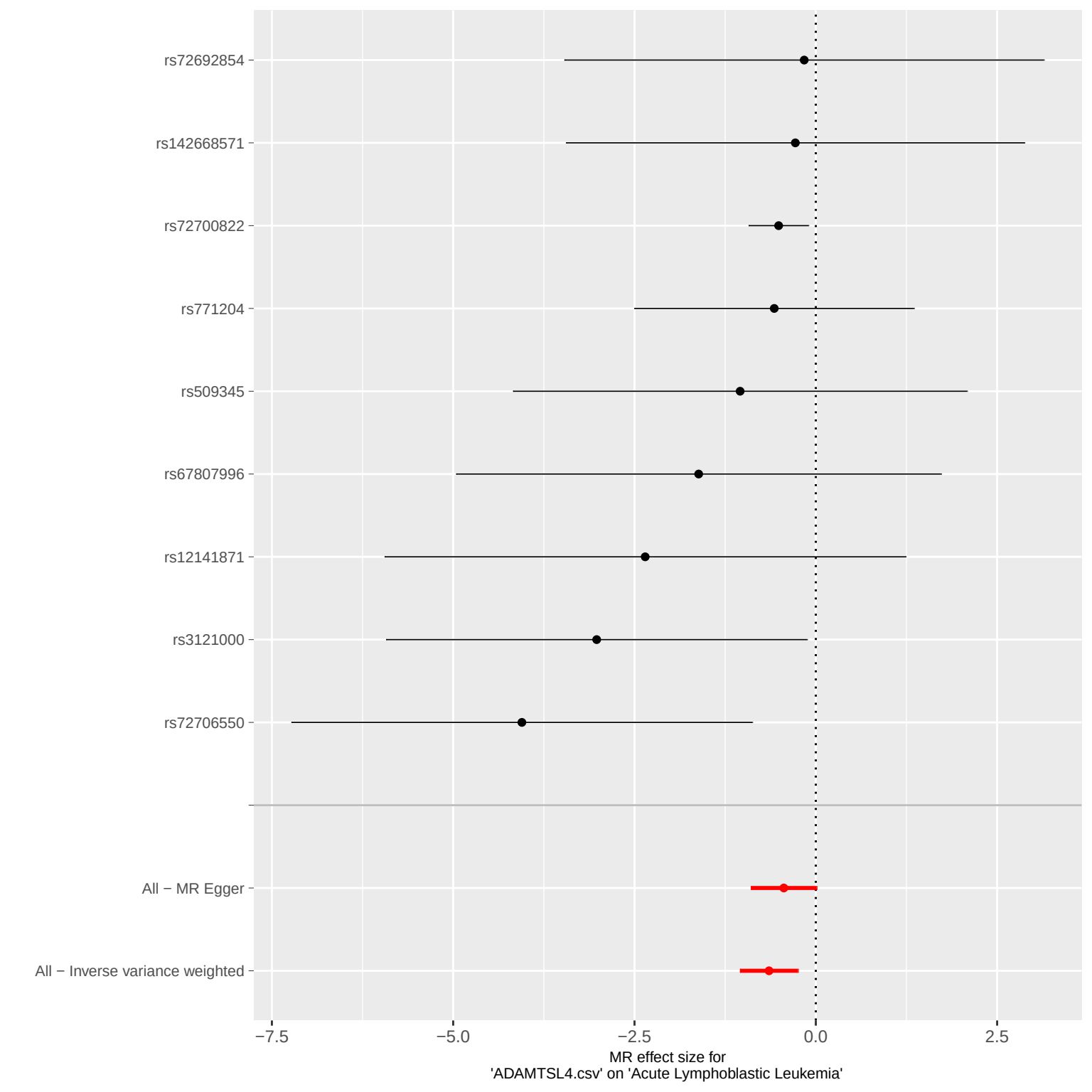
−4
0
MR effect size for
'ADAMTS13.csv' on 'Acute Lymphoblastic Leukemia'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rs509345
rs67807996
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rs3121000
rs72706550
All − MR Egger
All − Inverse variance weighted
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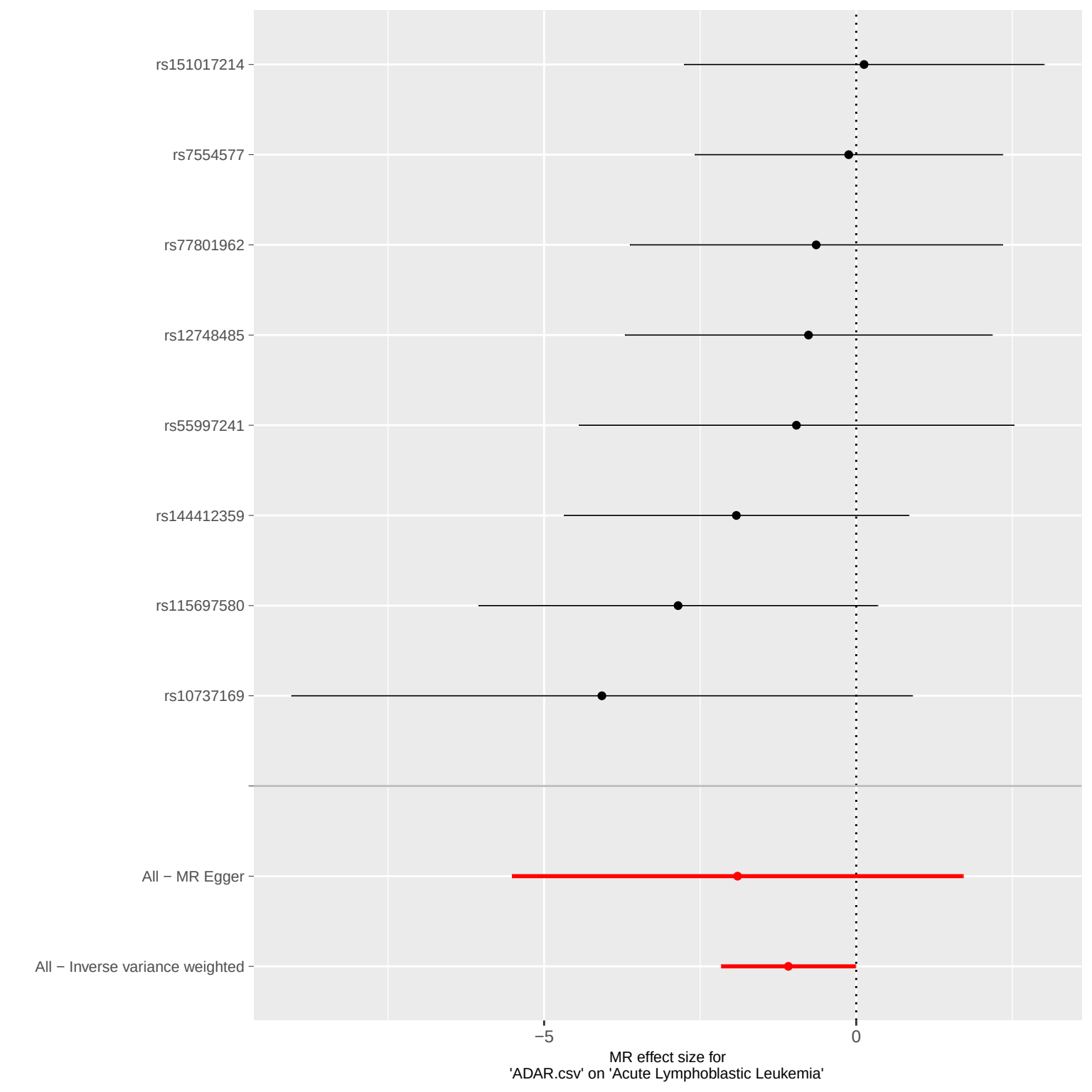
−5.0
−2.5
0.0
2.5
MR effect size for
'ADAMTSL4.csv' on 'Acute Lymphoblastic Leukemia'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rs77801962
rs12748485
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rs144412359
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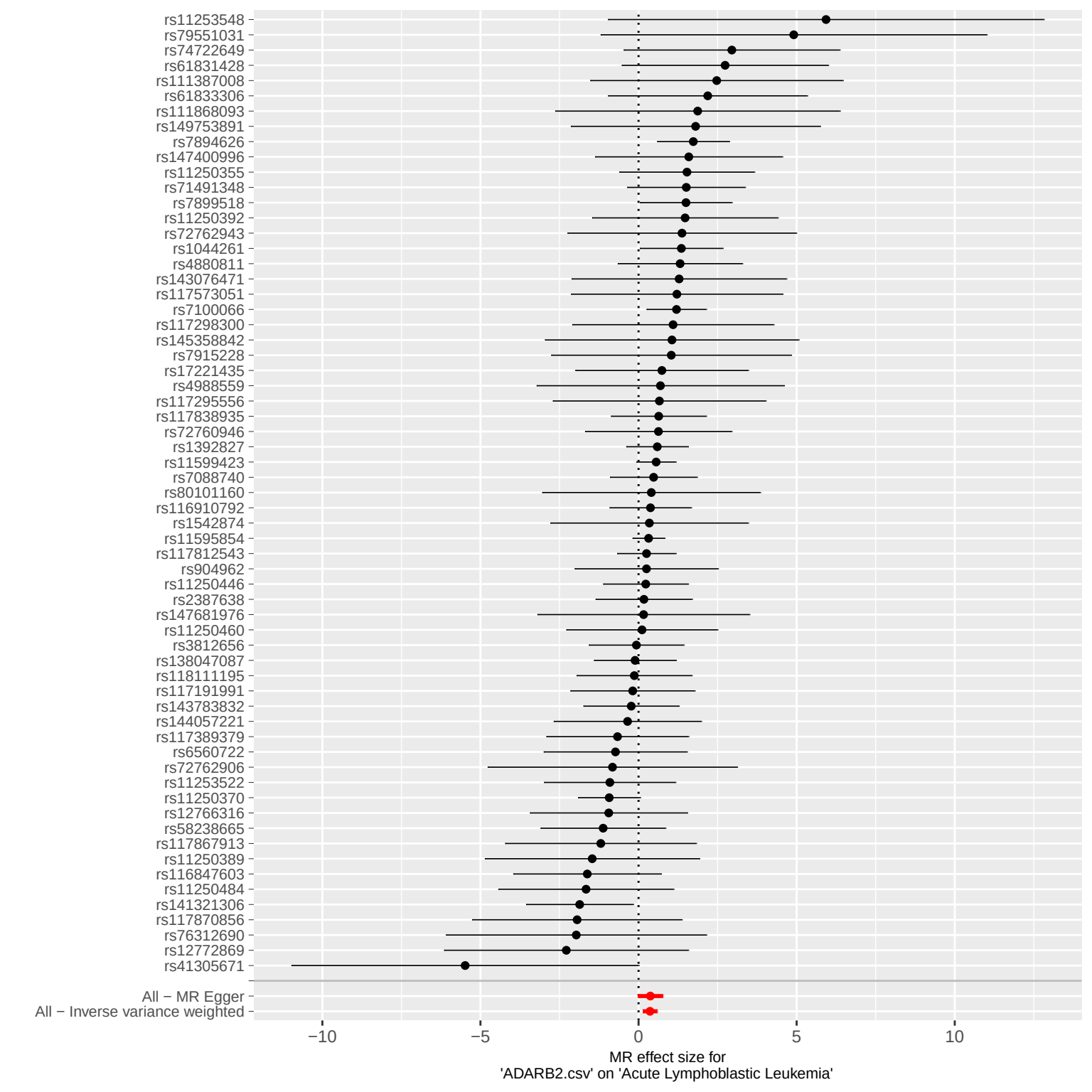
All − MR Egger
All − Inverse variance weighted
−5
0
MR effect size for
'ADAR.csv' on 'Acute Lymphoblastic Leukemia'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rs11250484
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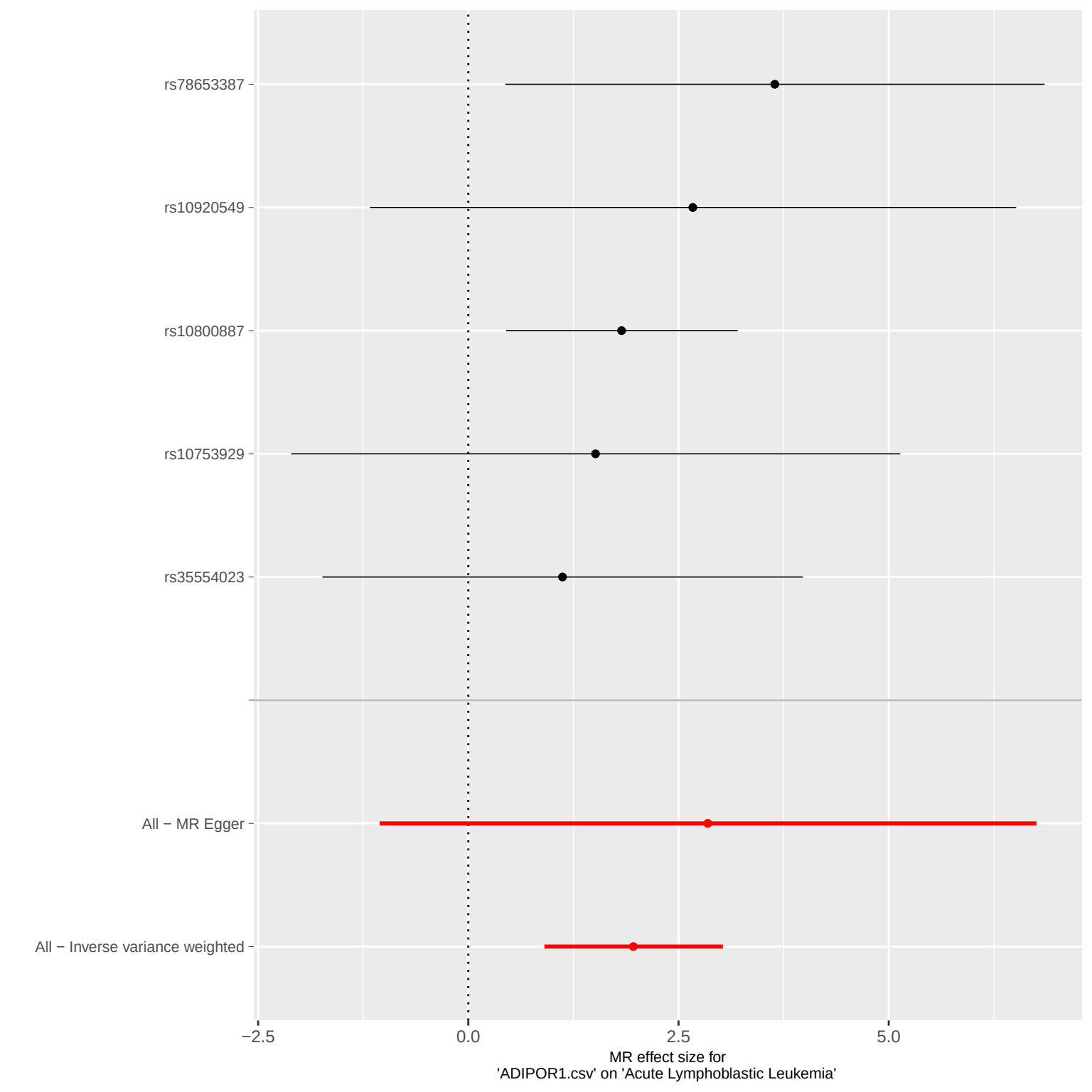
rs76312690
rs12772869
rs41305671
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ADARB2.csv' on 'Acute Lymphoblastic Leukemia'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rs10920549
rs10800887
rs10753929
rs35554023
All − MR Egger
All − Inverse variance weighted
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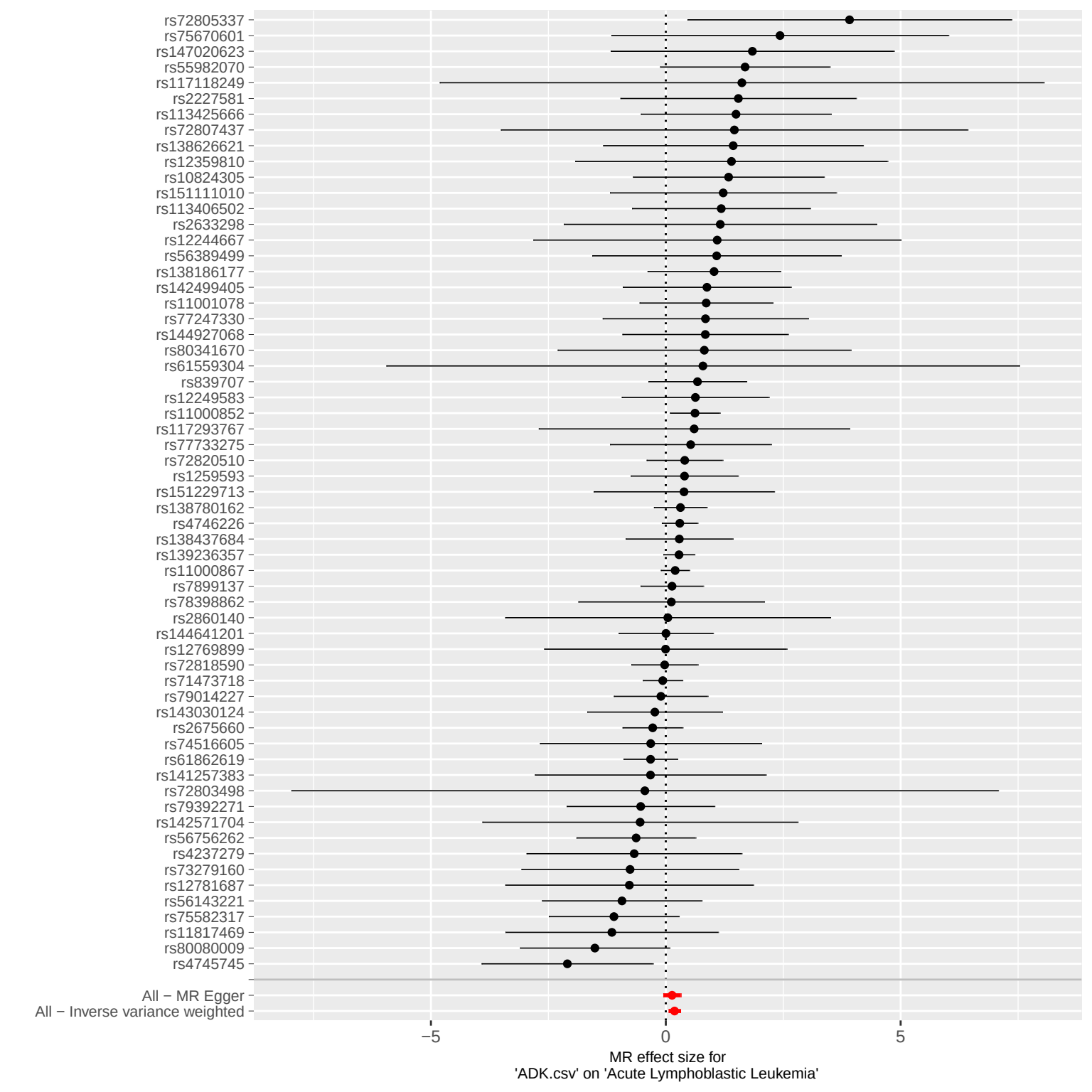
0.0
2.5
5.0
MR effect size for
'ADIPOR1.csv' on 'Acute Lymphoblastic Leukemia'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rs12781687
rs56143221
rs75582317
rs11817469
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rs4745745
All − MR Egger
All − Inverse variance weighted
−5
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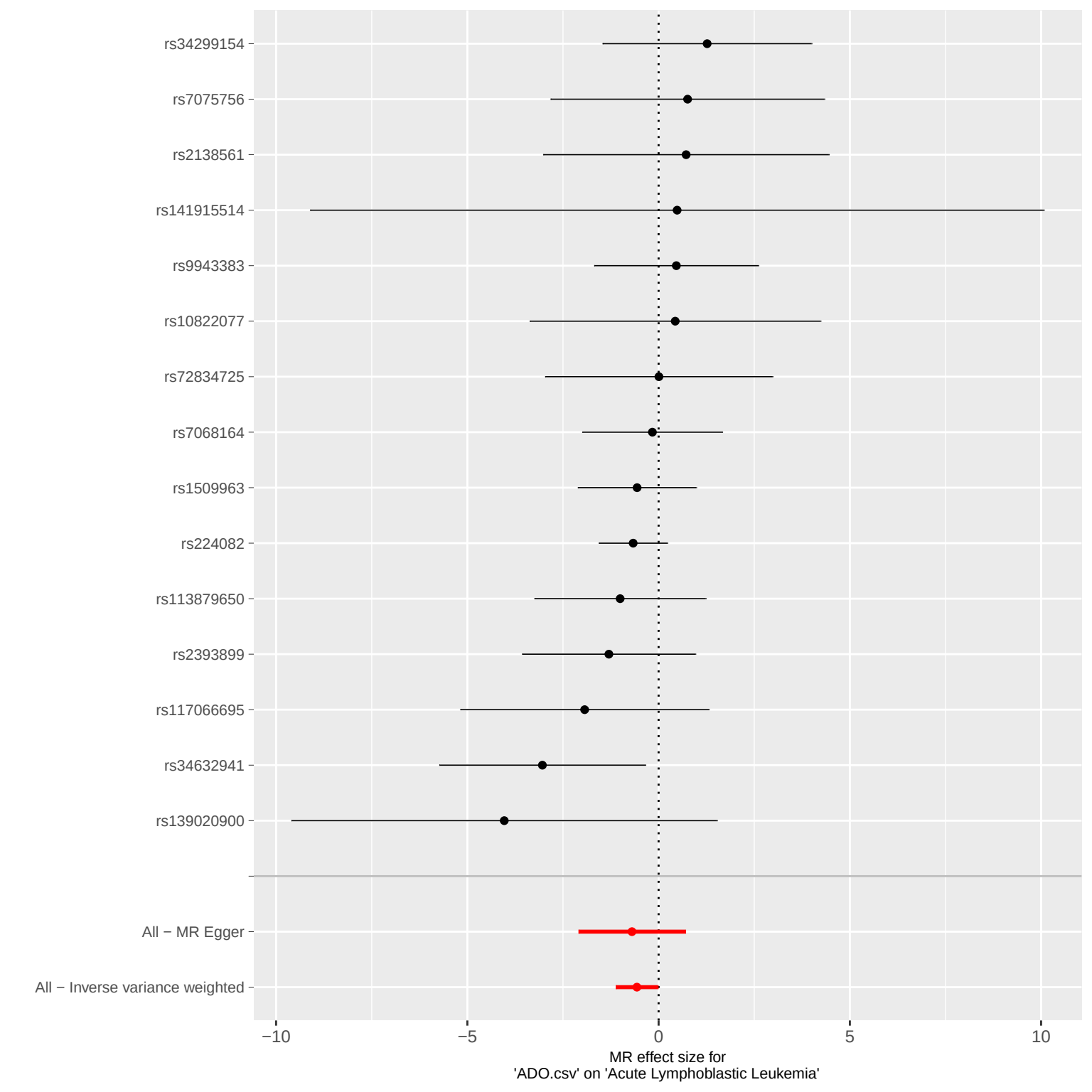
5
MR effect size for
'ADK.csv' on 'Acute Lymphoblastic Leukemia'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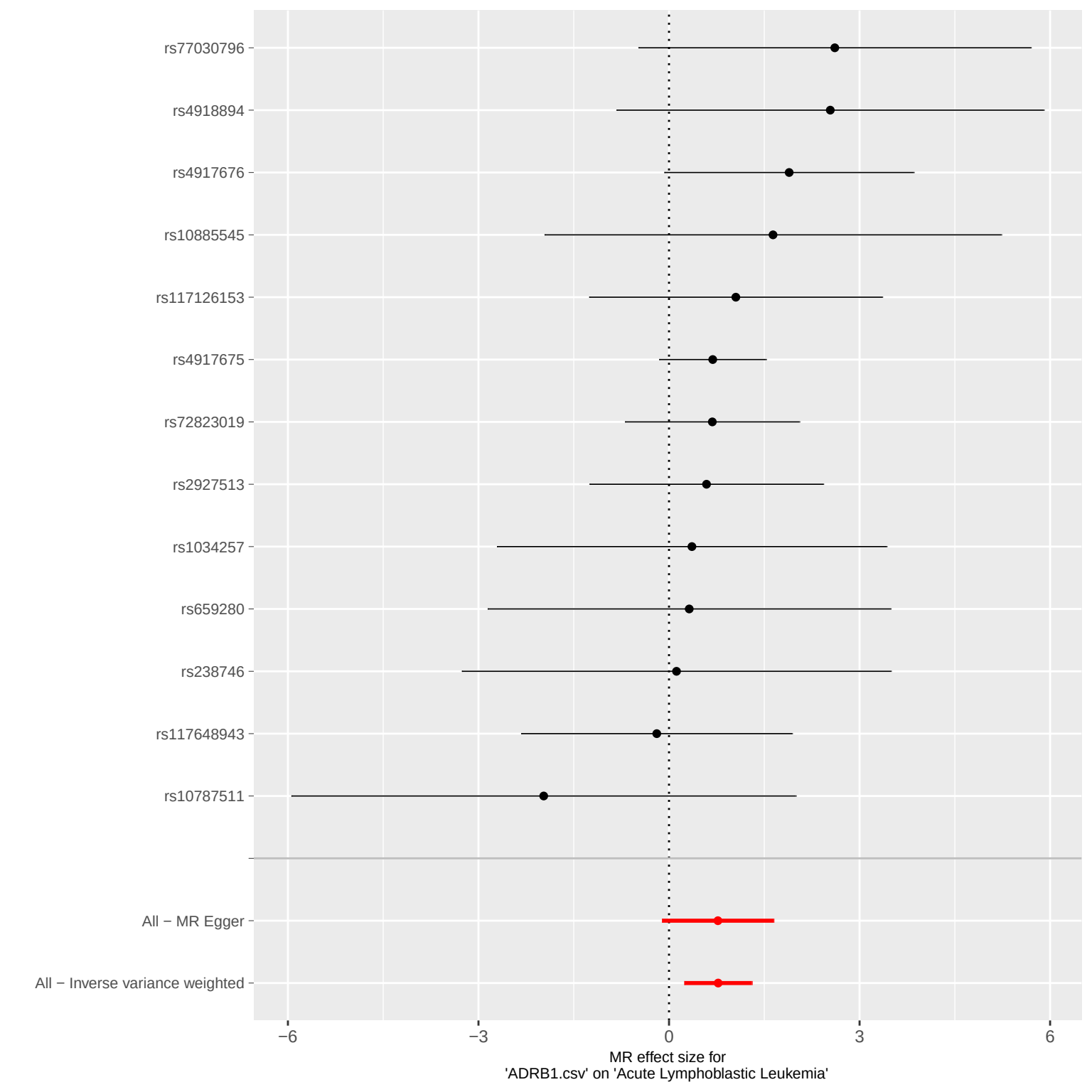
rs10822077
rs72834725
rs7068164
rs1509963
rs224082
rs113879650
rs2393899
rs117066695
rs34632941
rs139020900
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'ADO.csv' on 'Acute Lymphoblastic Leukemia'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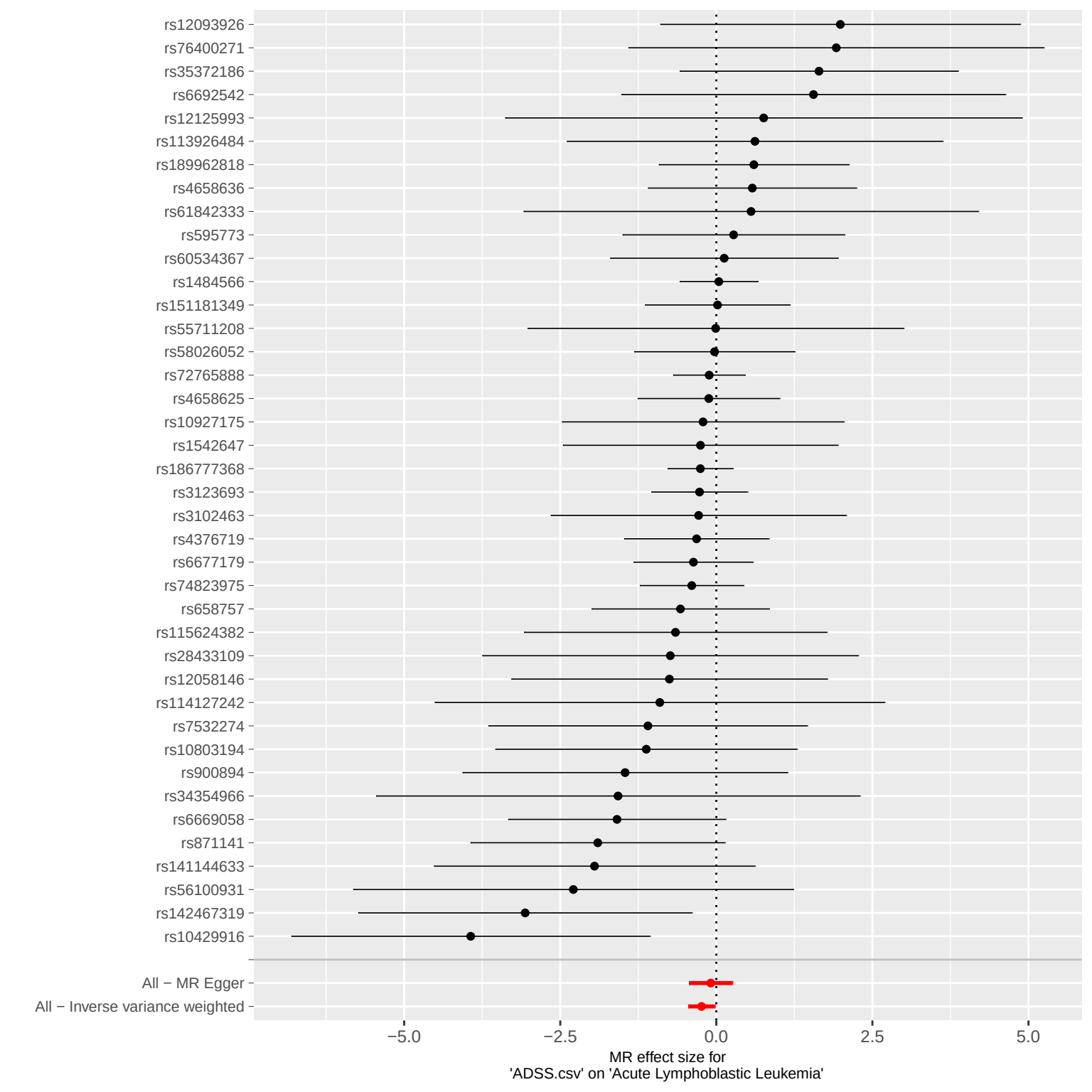
rs2927513
rs1034257
rs659280
rs238746
rs117648943
rs10787511
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ADRB1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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MR effect size for
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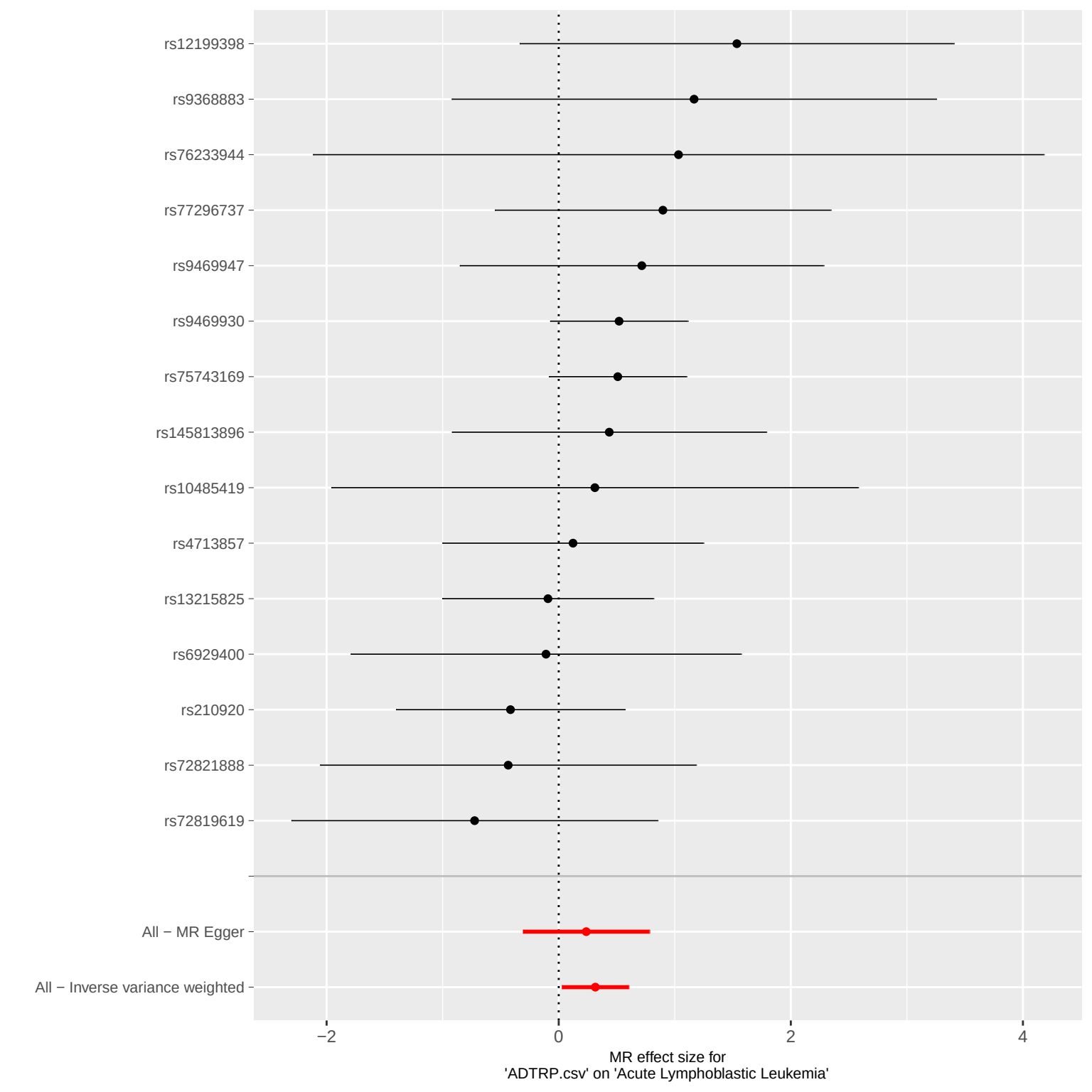
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All − Inverse variance weighted
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MR effect size for
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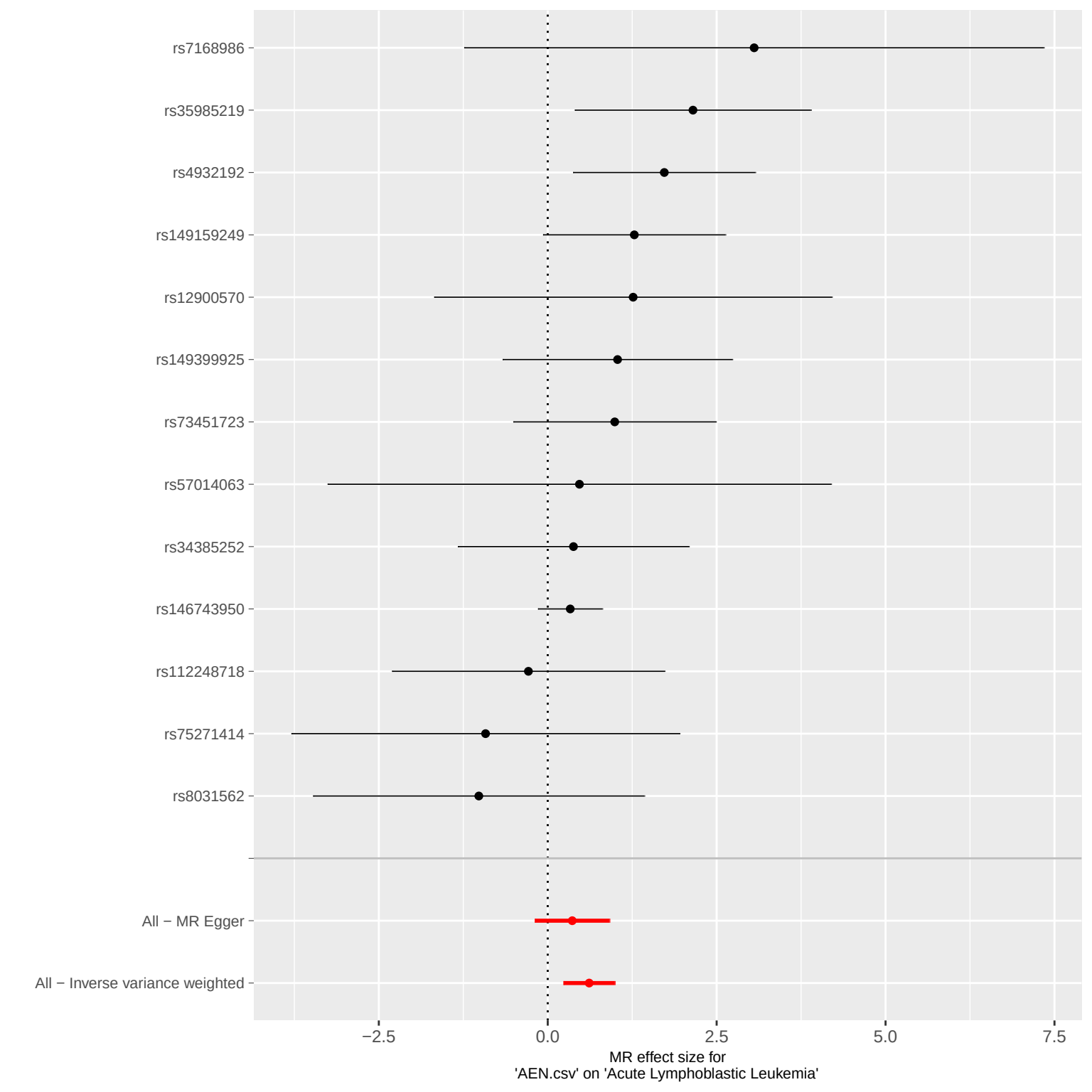
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rs75271414
rs8031562
All − MR Egger
All − Inverse variance weighted
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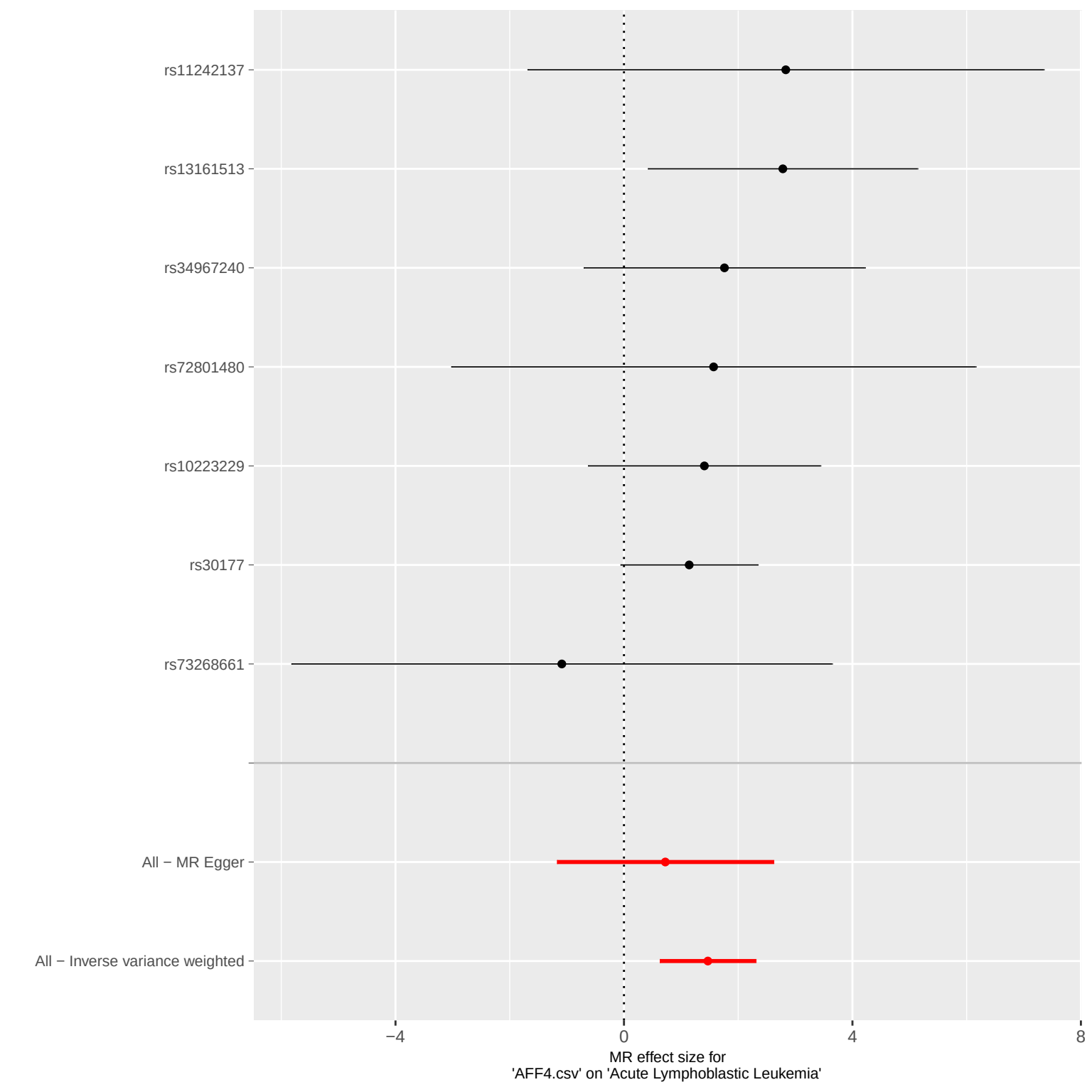
2.5
5.0
7.5
MR effect size for
'AEN.csv' on 'Acute Lymphoblastic Leukemia'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rs10223229
rs30177
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All − MR Egger
All − Inverse variance weighted
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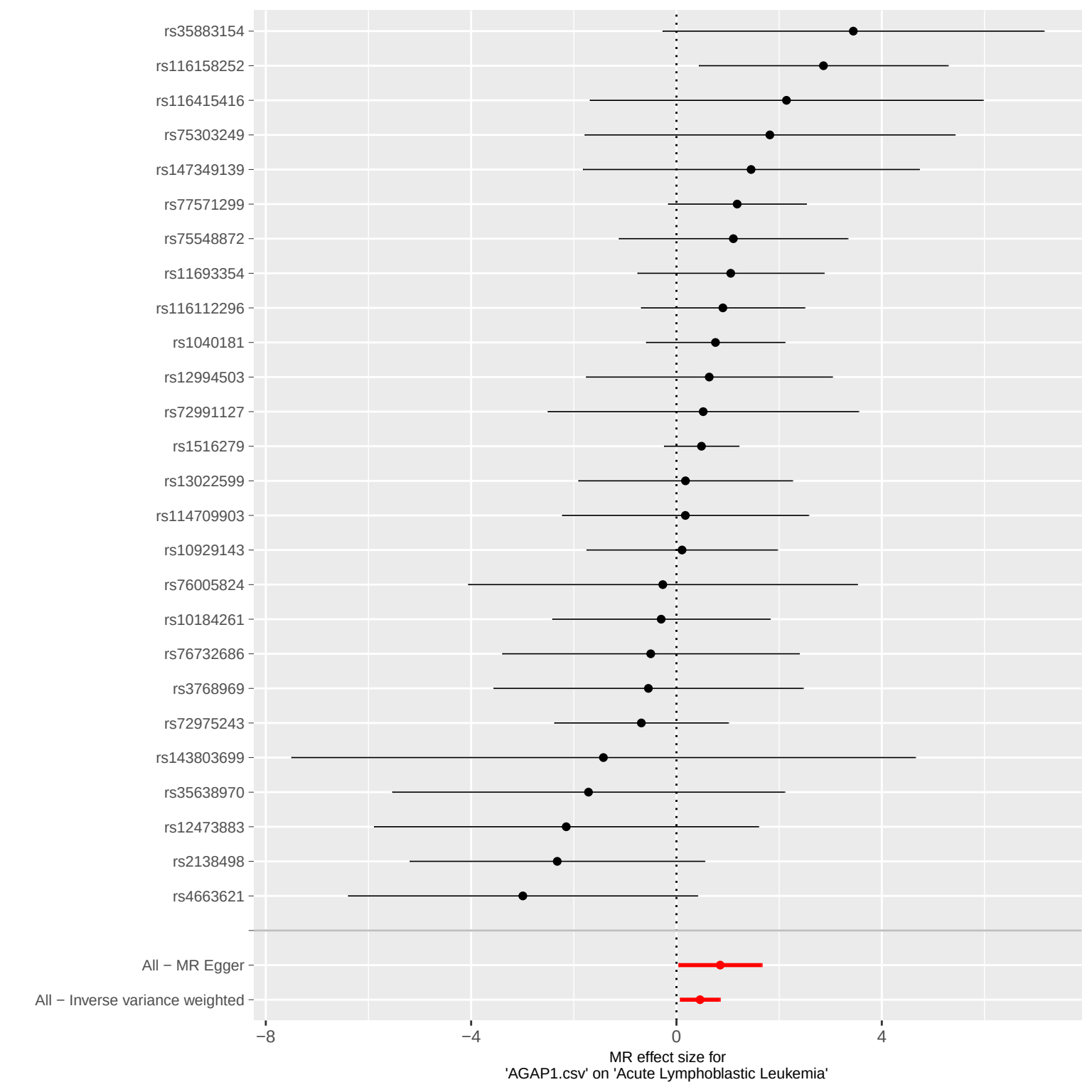
4
8
MR effect size for
'AFF4.csv' on 'Acute Lymphoblastic Leukemia'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rs72975243
rs143803699
rs35638970
rs12473883
rs2138498
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All − MR Egger
All − Inverse variance weighted
−8
−4
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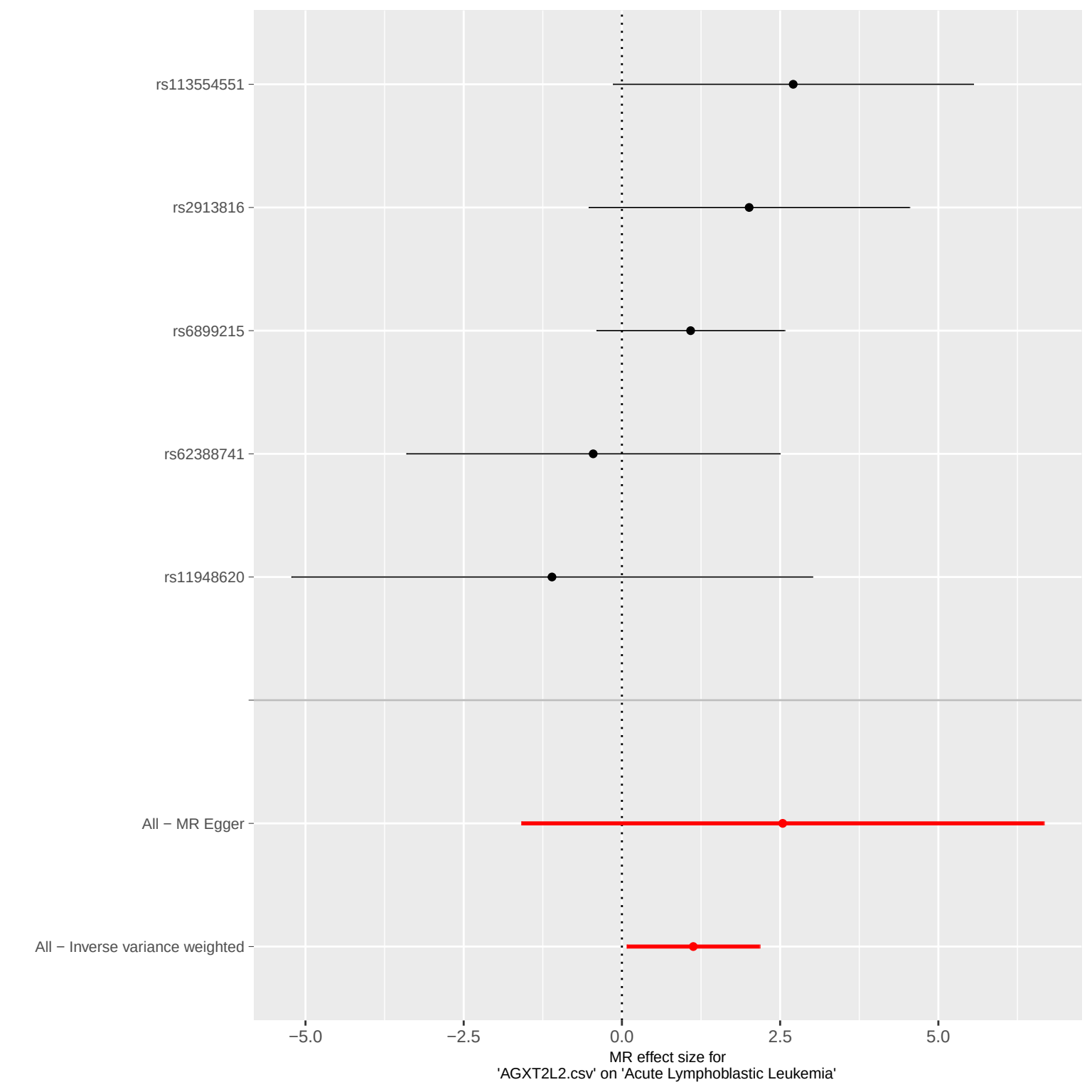
4
MR effect size for
'AGAP1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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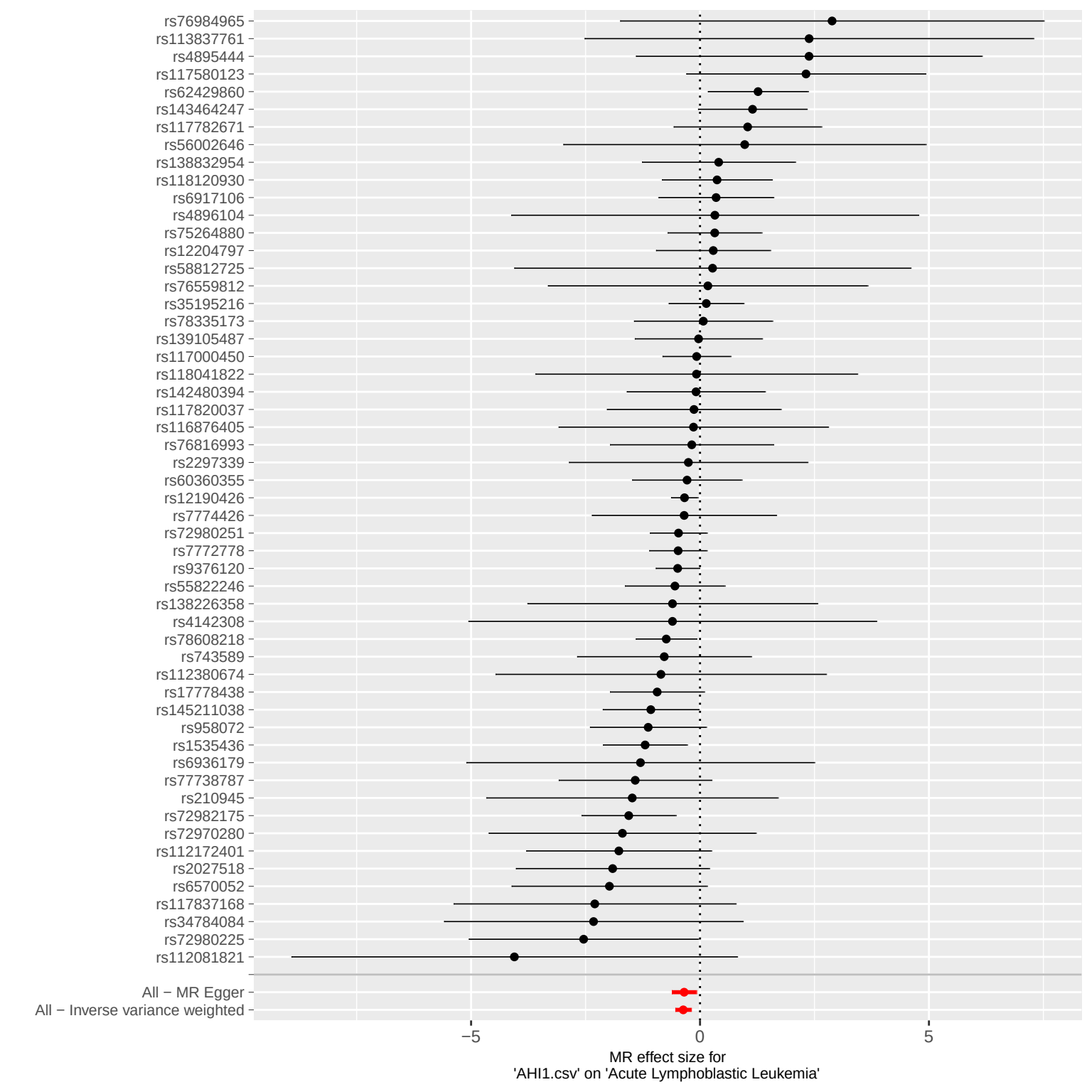
−2.5
0.0
2.5
5.0
MR effect size for
'AGXT2L2.csv' on 'Acute Lymphoblastic Leukemia'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rs2027518
rs6570052
rs117837168
rs34784084
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All − MR Egger
All − Inverse variance weighted
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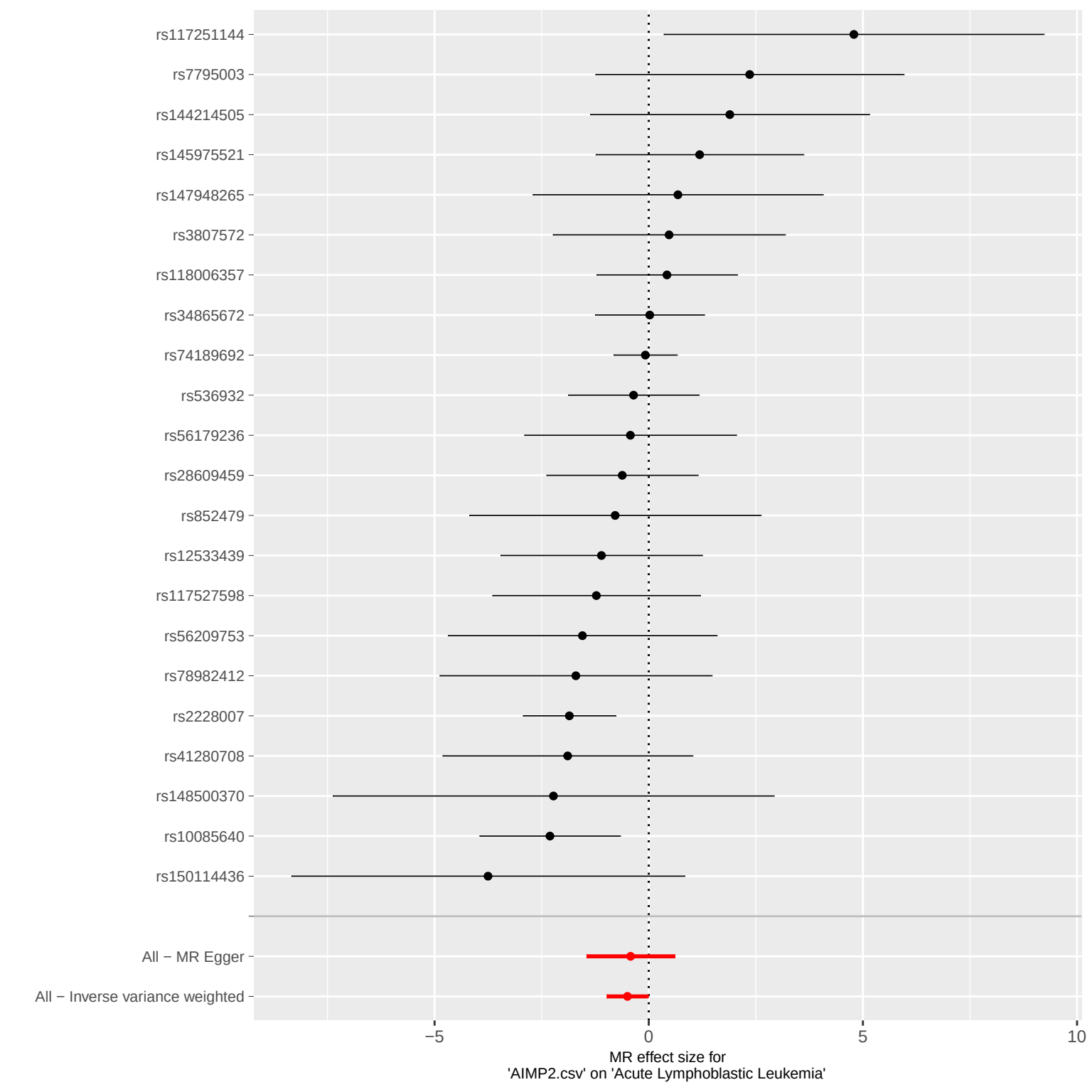
MR effect size for
'AHI1.csv' on 'Acute Lymphoblastic Leukemia'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rs41280708
rs148500370
rs10085640
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All − Inverse variance weighted
−5
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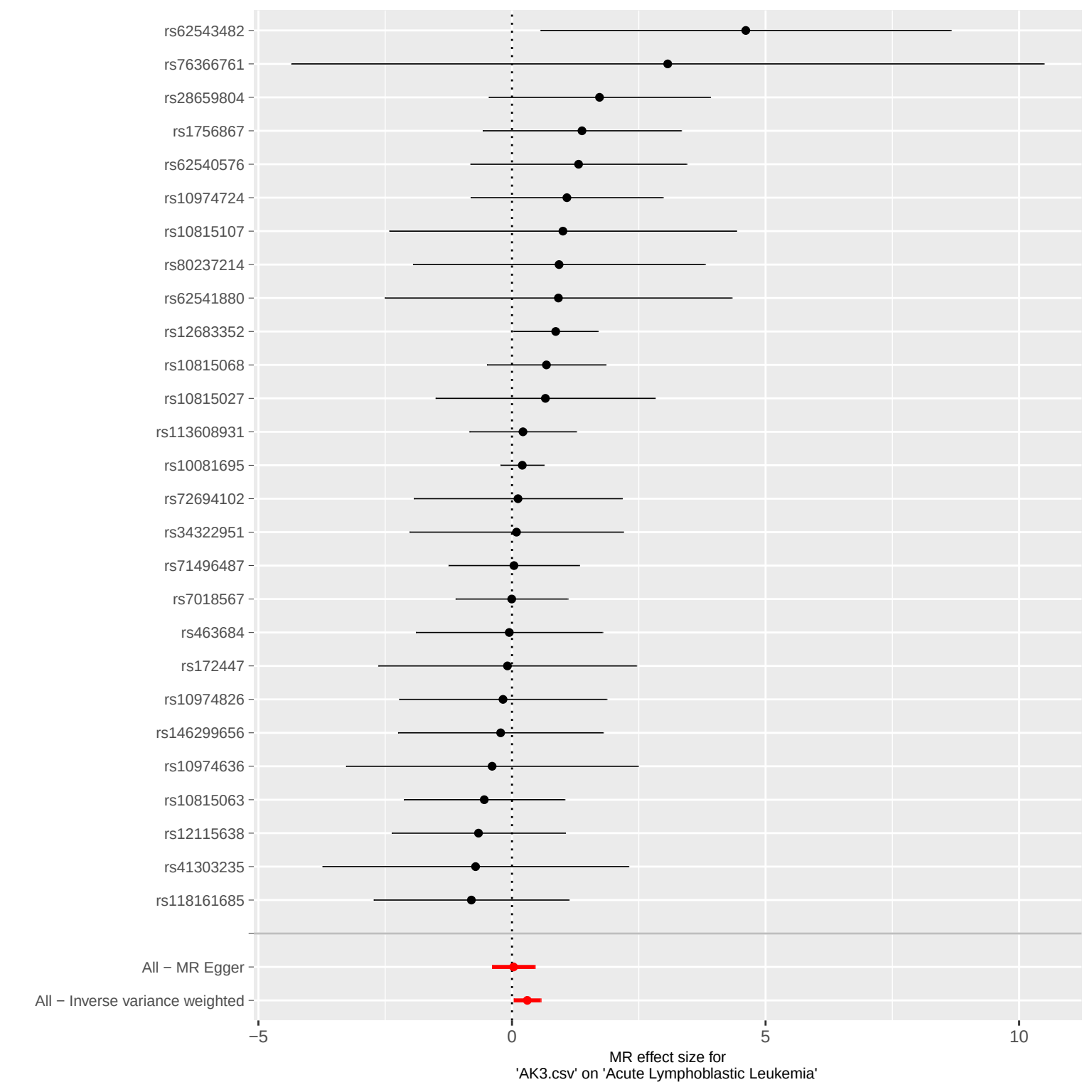
MR effect size for
'AIMP2.csv' on 'Acute Lymphoblastic Leukemia'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rs10974636
rs10815063
rs12115638
rs41303235
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All − MR Egger
All − Inverse variance weighted
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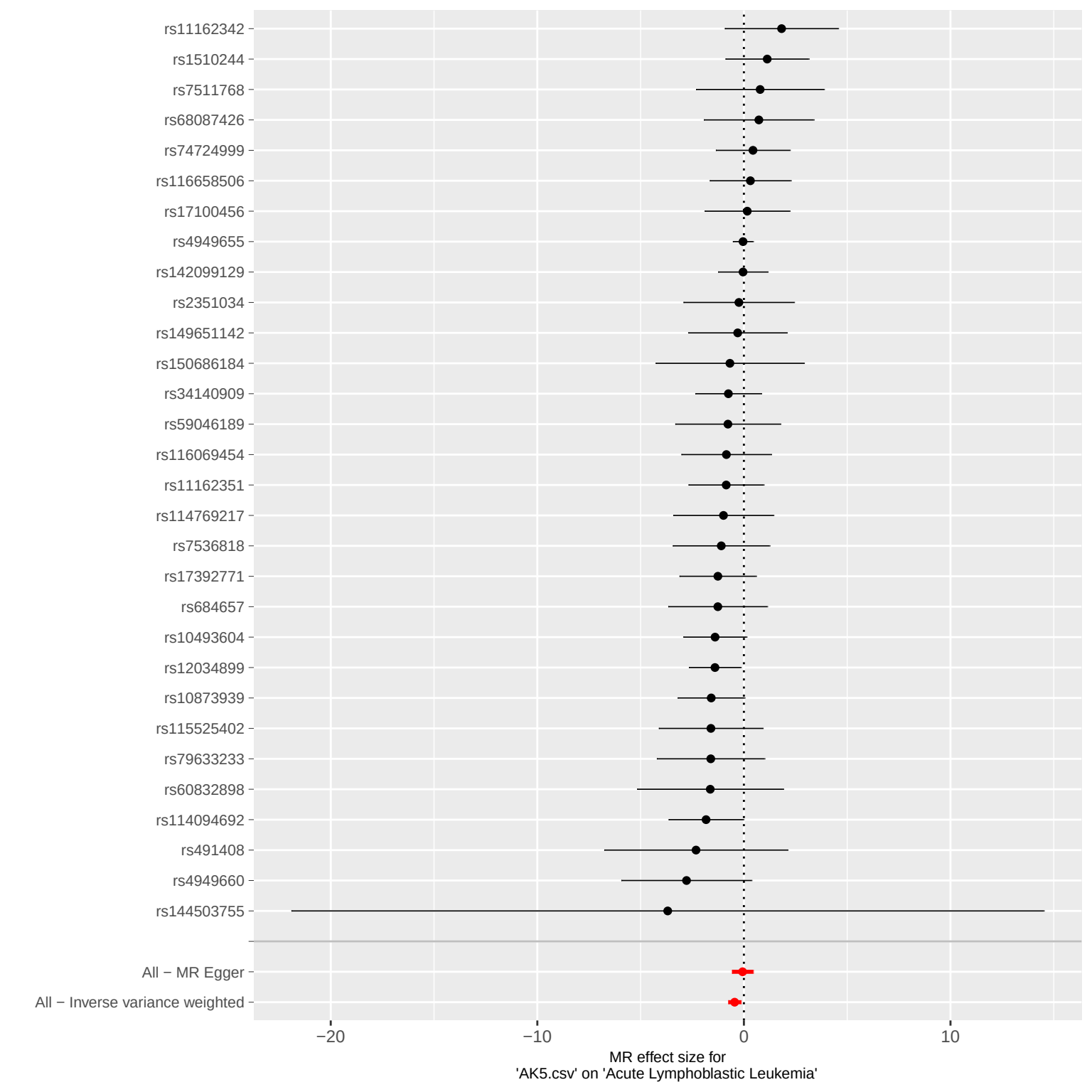
MR effect size for
'AK3.csv' on 'Acute Lymphoblastic Leukemia'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rs79633233
rs60832898
rs114094692
rs491408
rs4949660
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All − MR Egger
All − Inverse variance weighted
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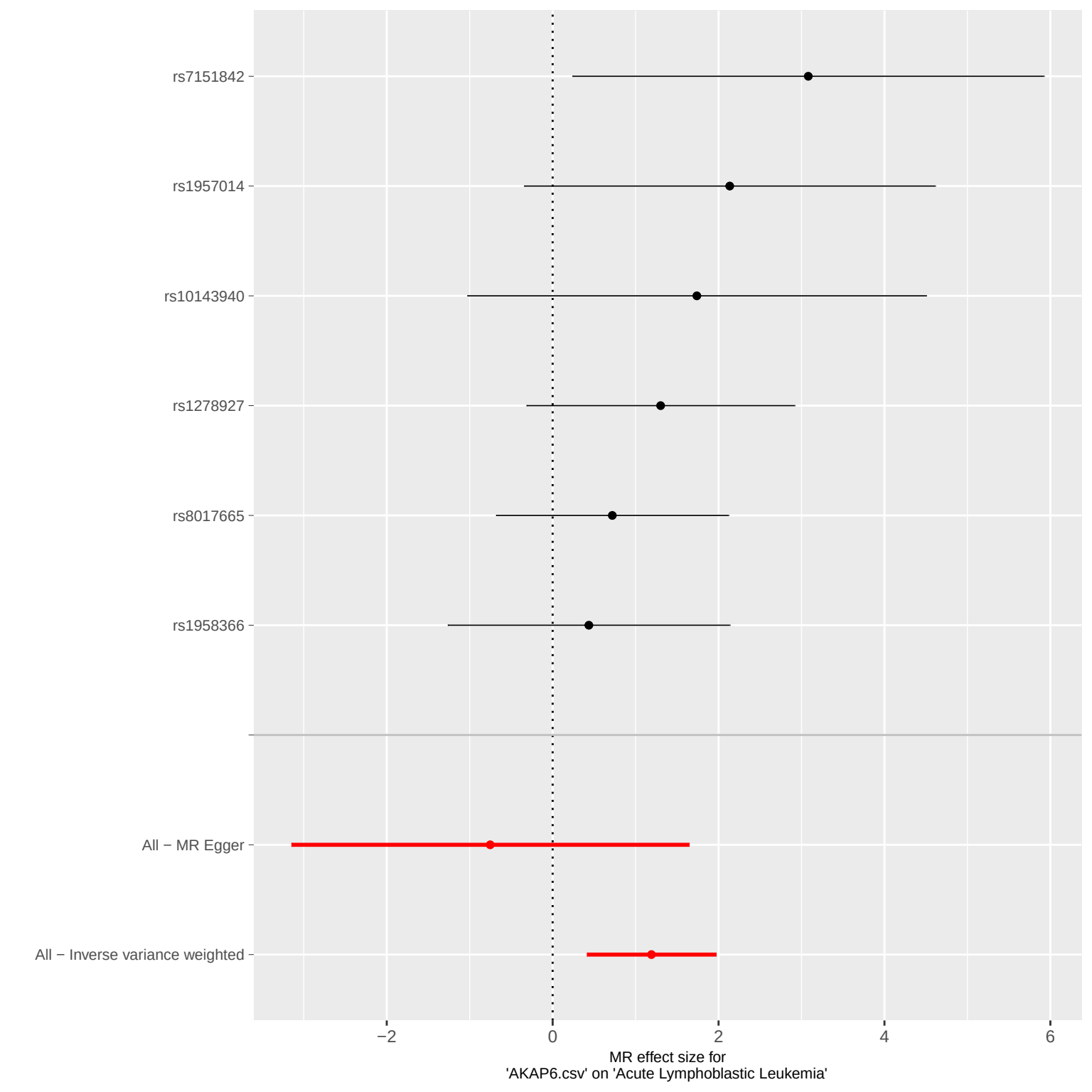
10
MR effect size for
'AK5.csv' on 'Acute Lymphoblastic Leukemia'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rs1957014
rs10143940
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All − MR Egger
All − Inverse variance weighted
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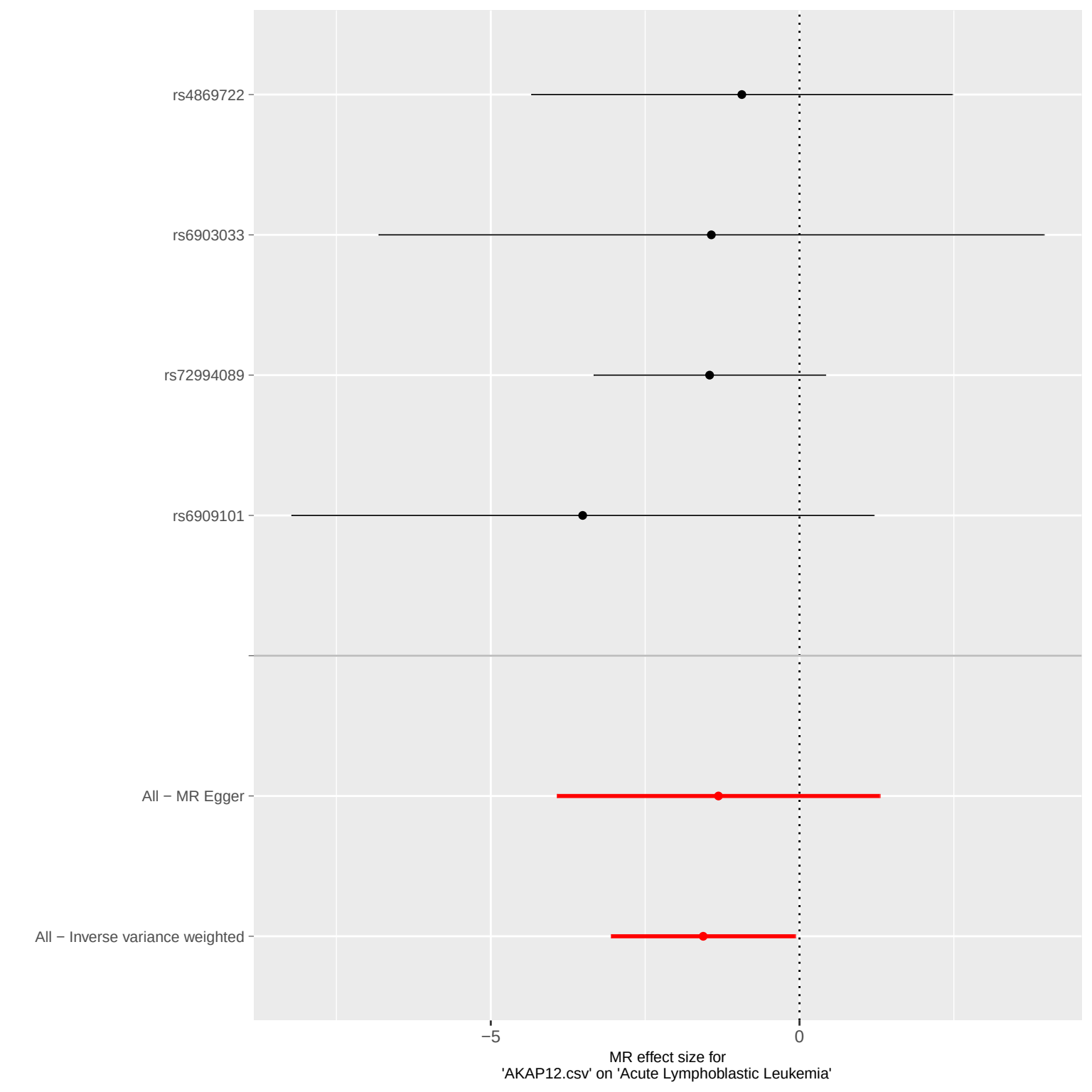
MR effect size for
'AKAP6.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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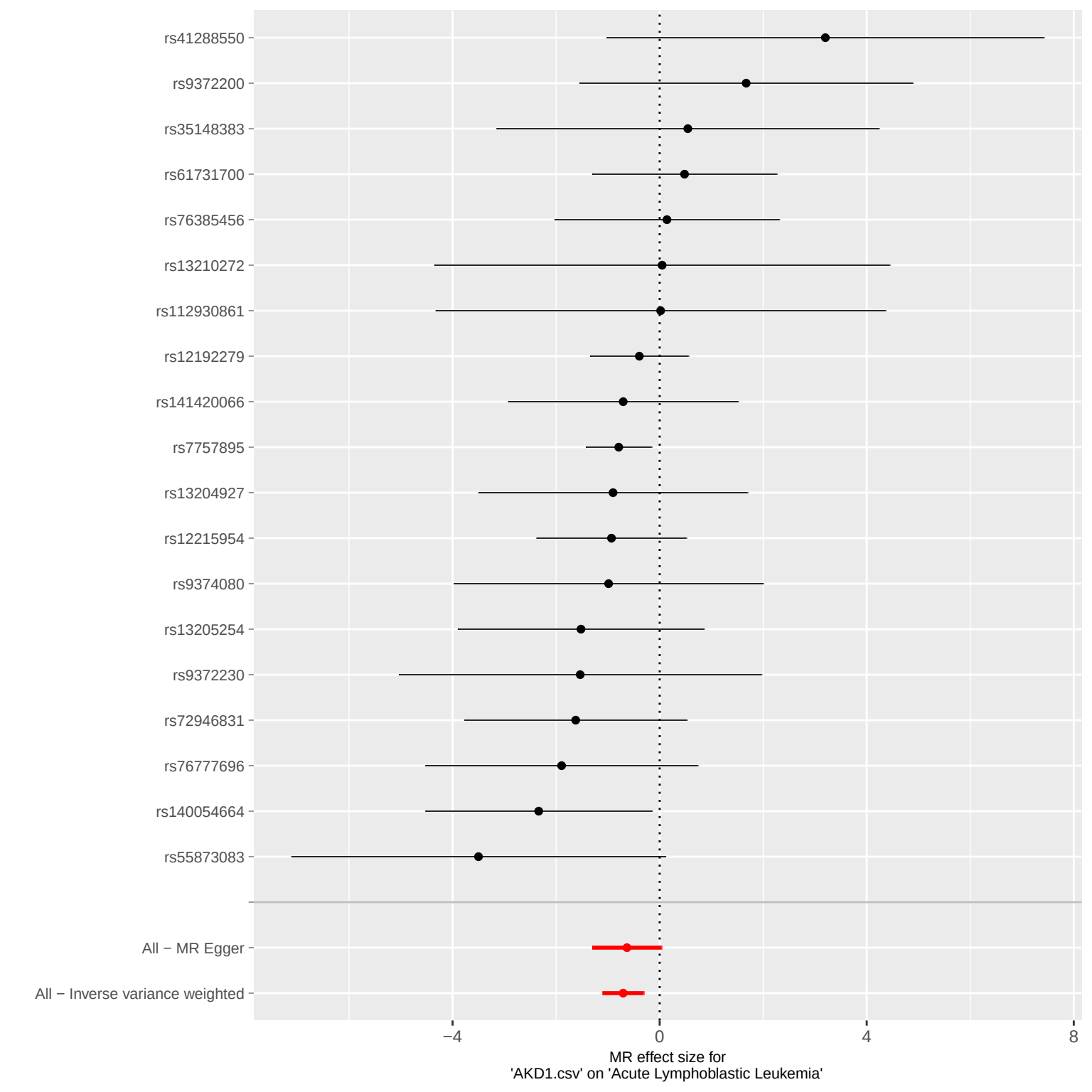
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All − MR Egger
All − Inverse variance weighted
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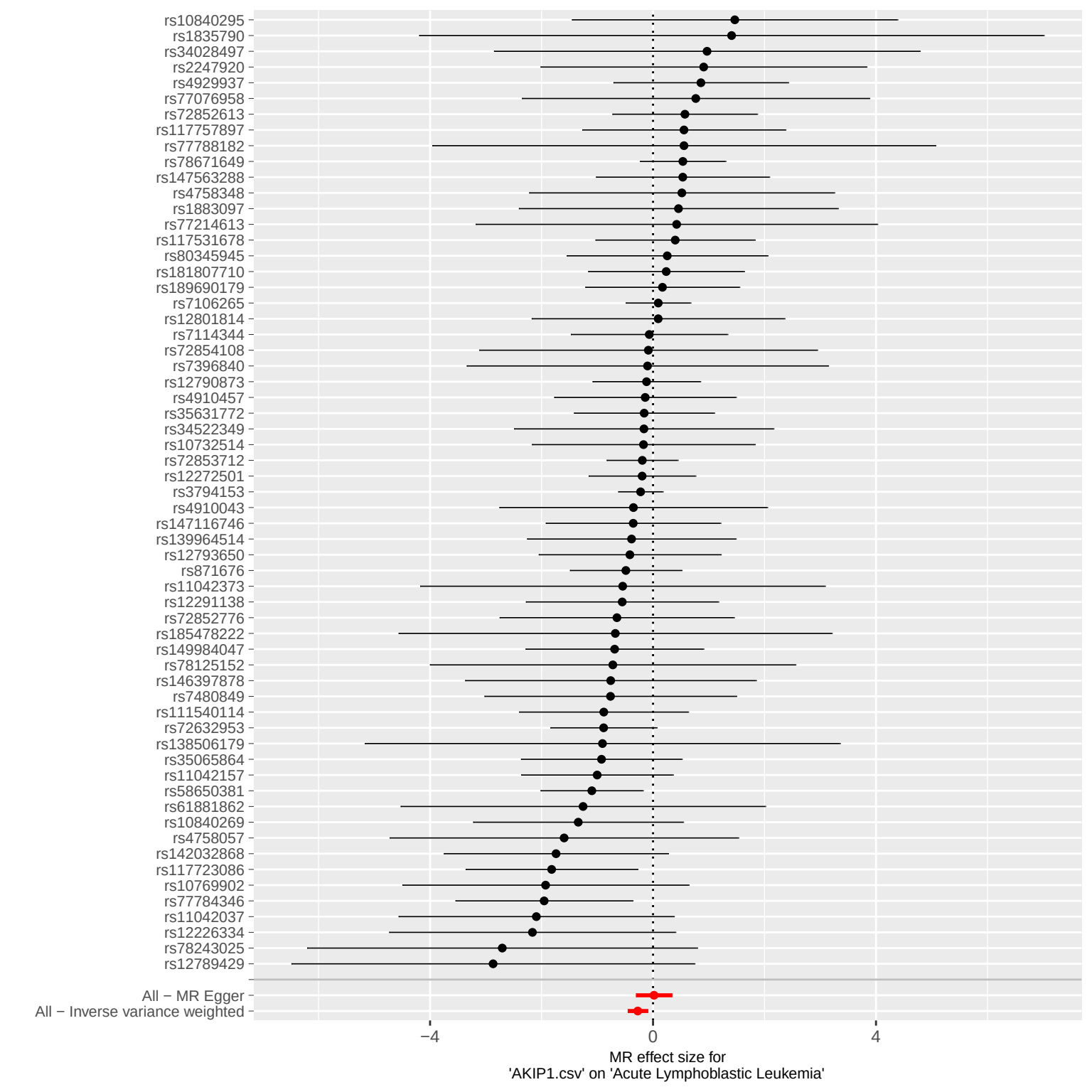
MR effect size for
'AKD1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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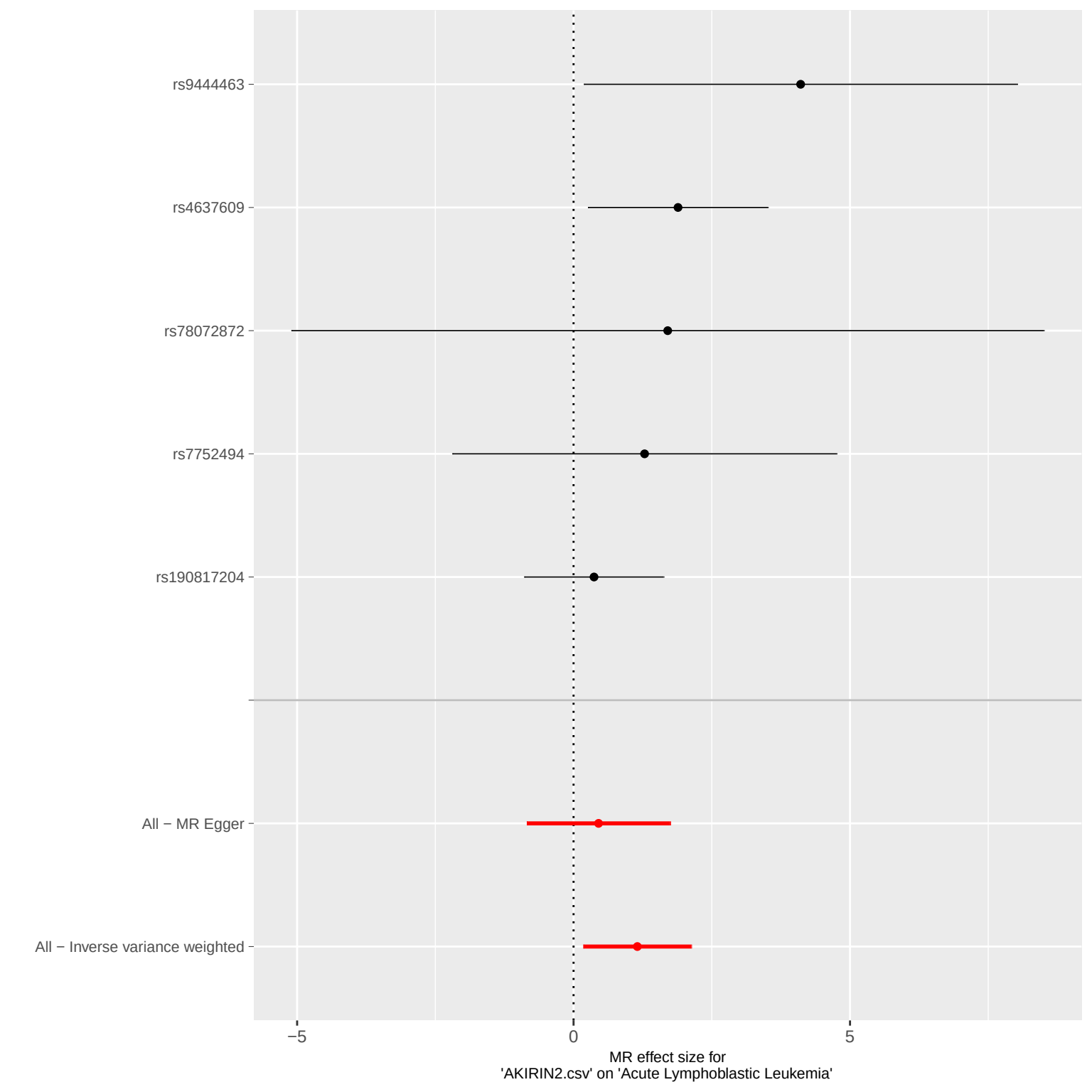
4
MR effect size for
'AKIP1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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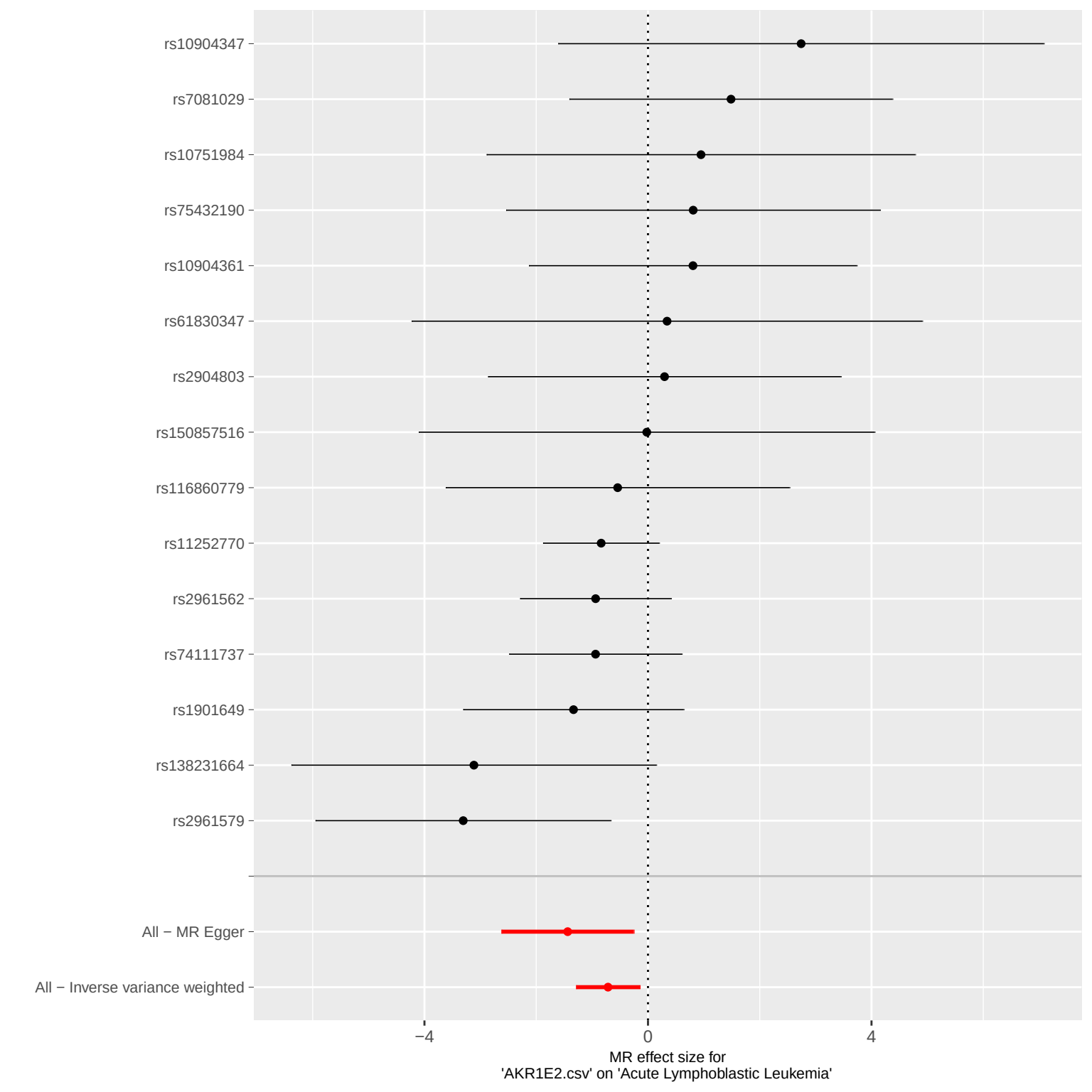
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All − MR Egger
All − Inverse variance weighted
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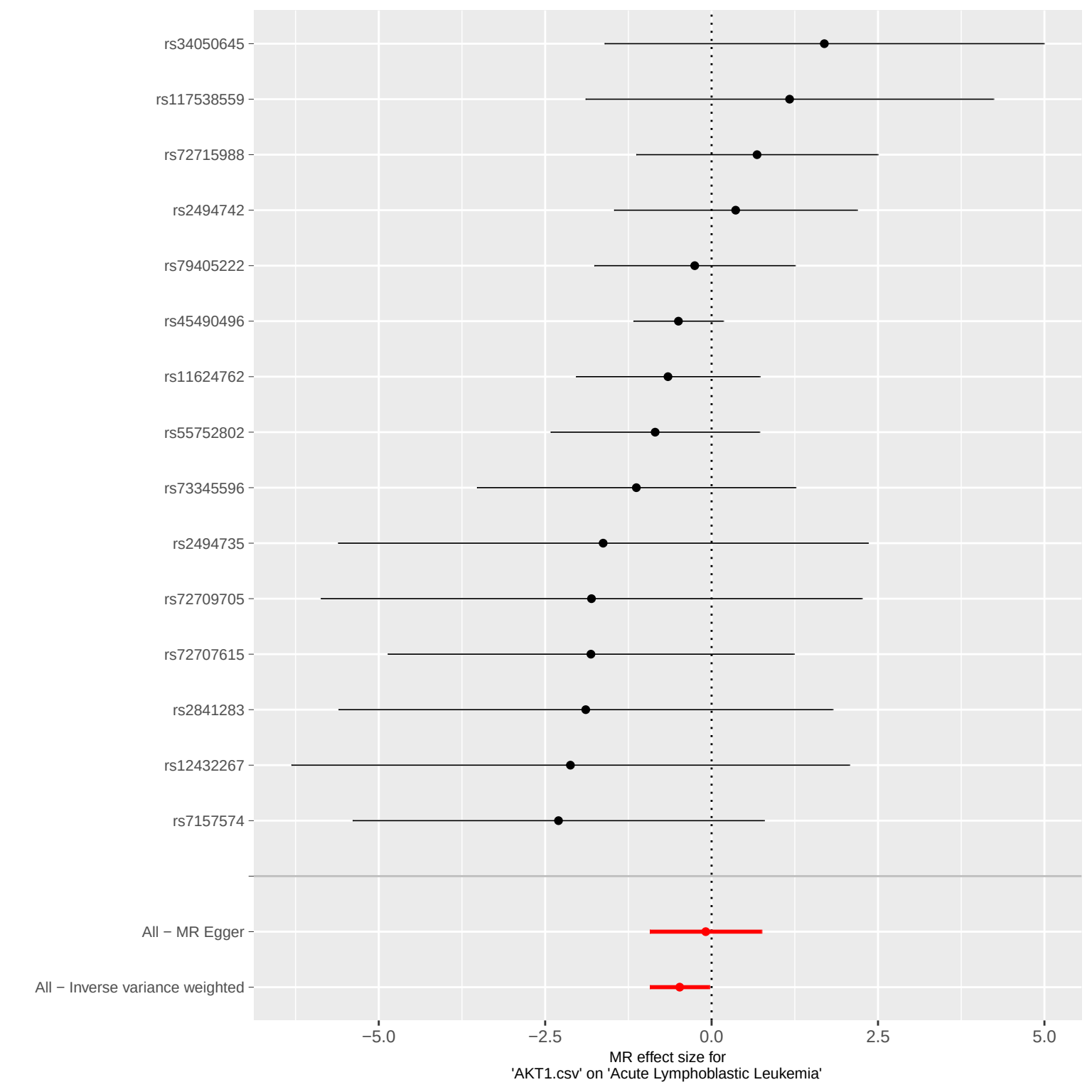
MR effect size for
'AKR1E2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2.5
0.0
2.5
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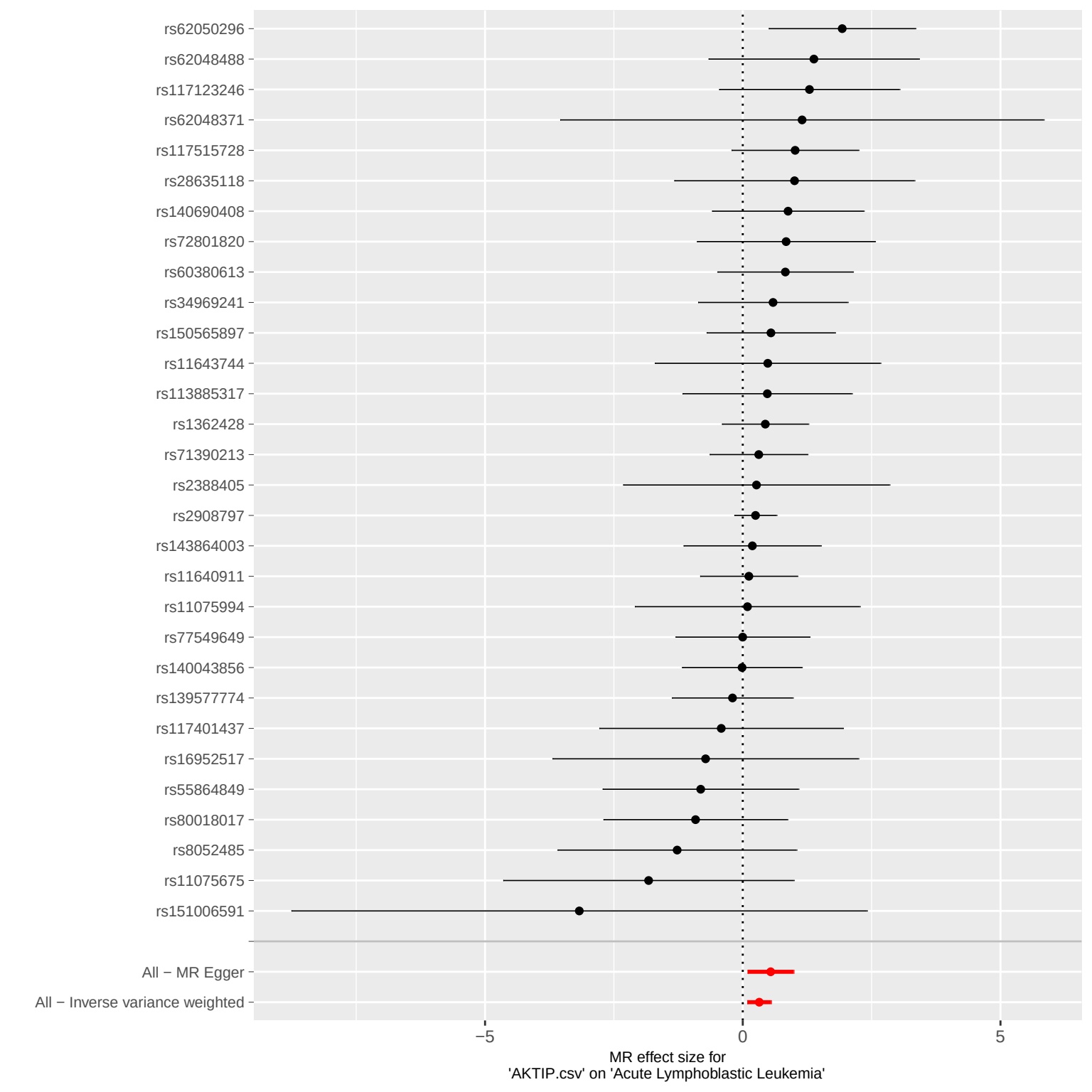
MR effect size for
'AKT1.csv' on 'Acute Lymphoblastic Leukemia'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rs16952517
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All − MR Egger
All − Inverse variance weighted
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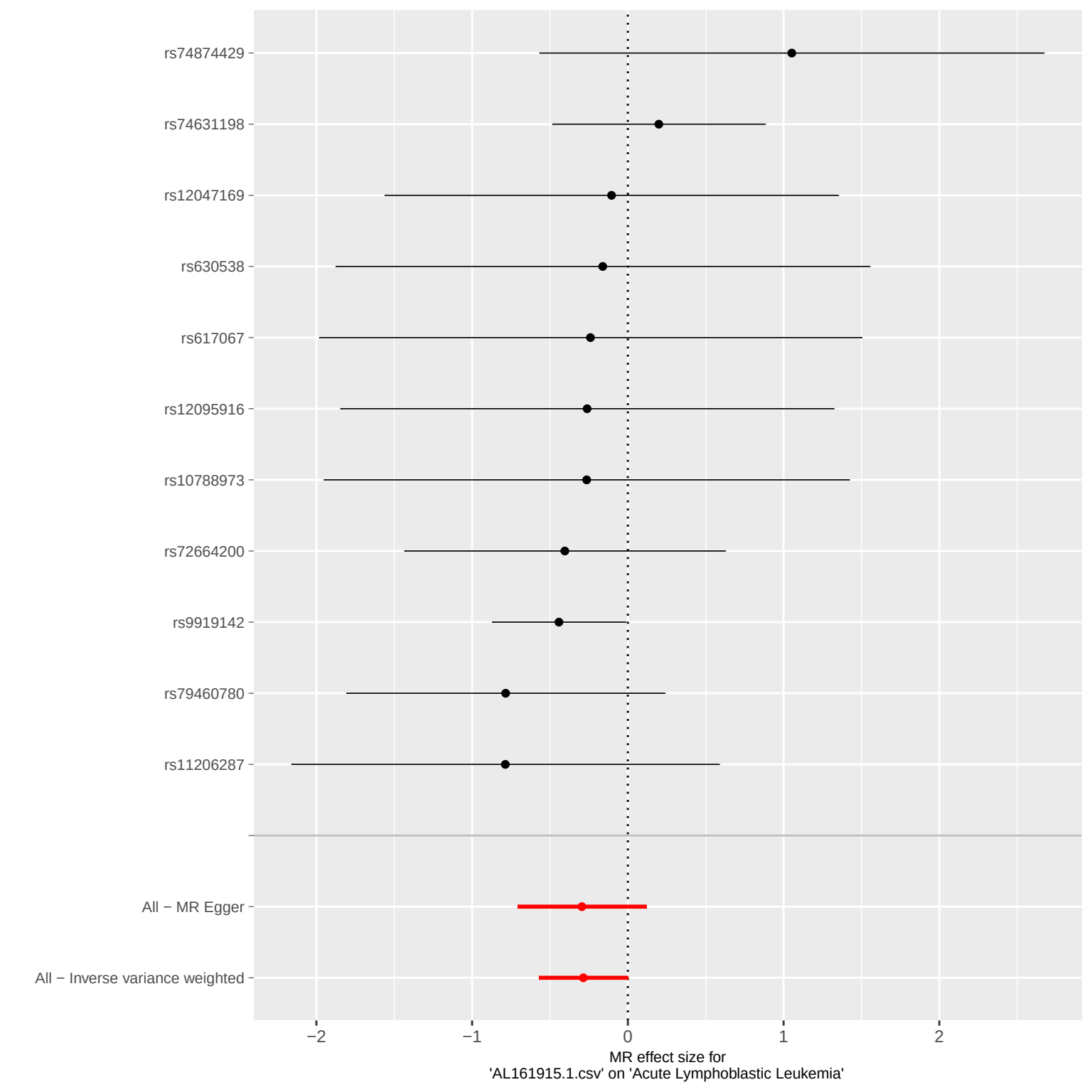
MR effect size for
'AKTIP.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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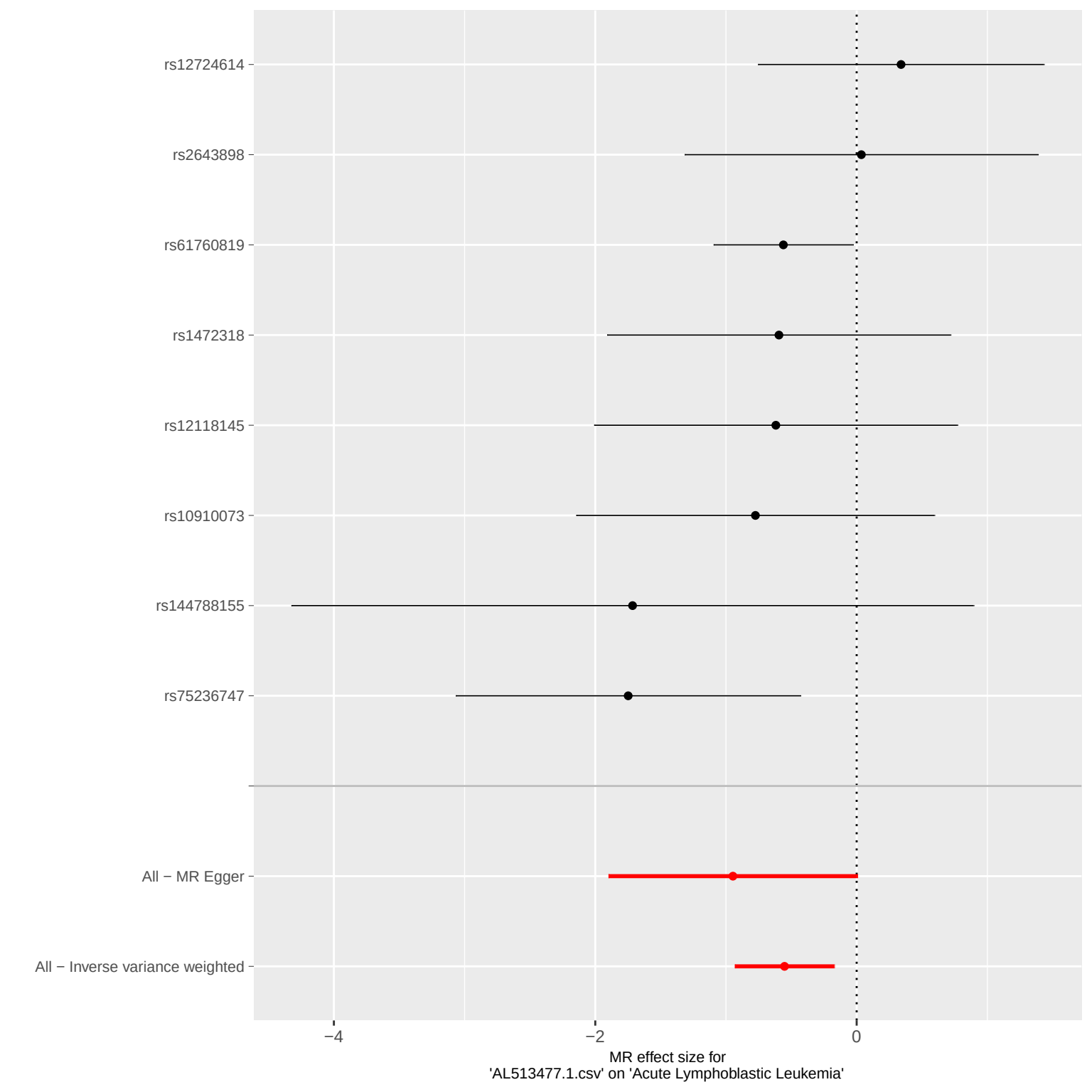
0
1
2
MR effect size for
'AL161915.1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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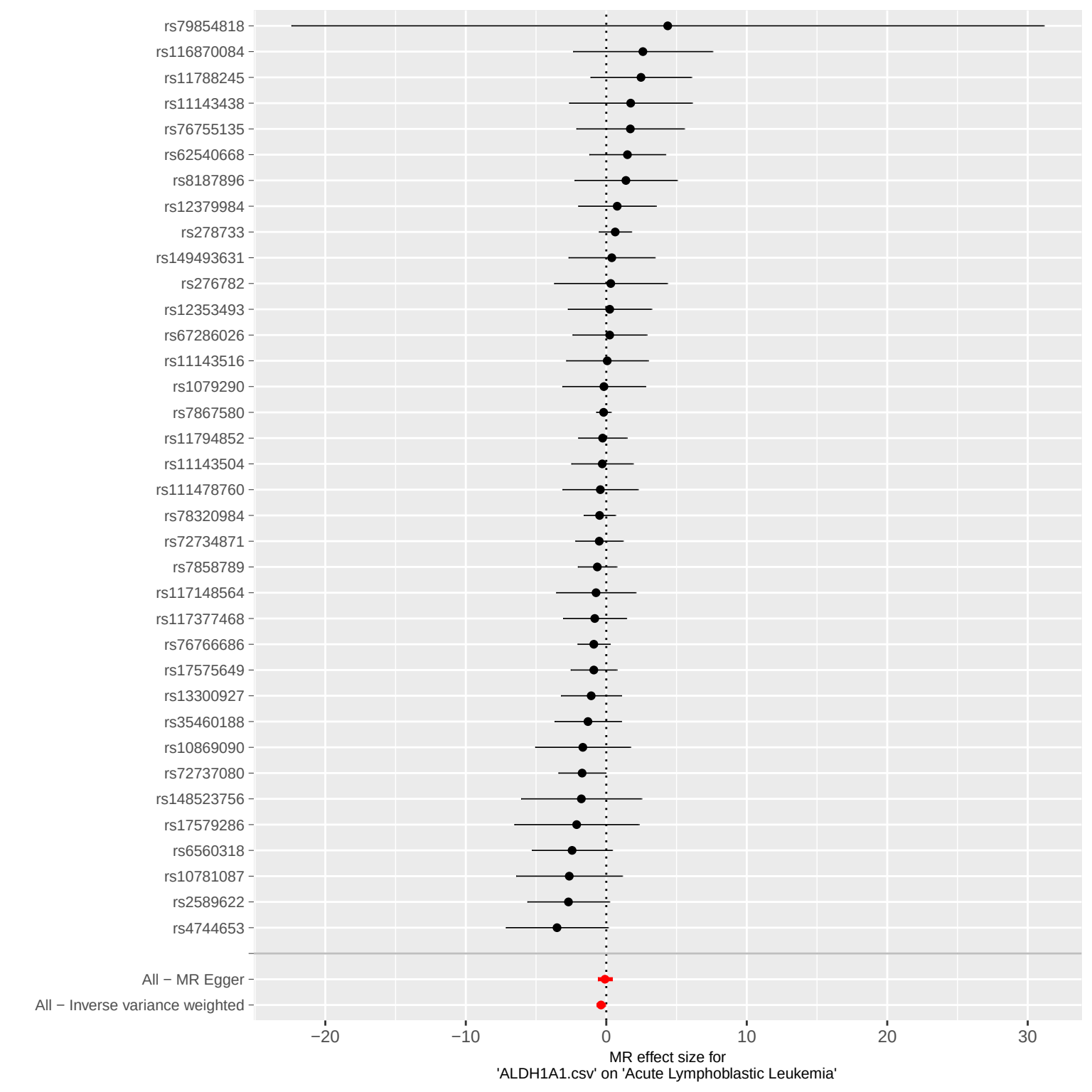
'AL513477.1.csv' on 'Acute Lymphoblastic Leukemia'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rs6560318
rs10781087
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rs4744653
All − MR Egger
All − Inverse variance weighted
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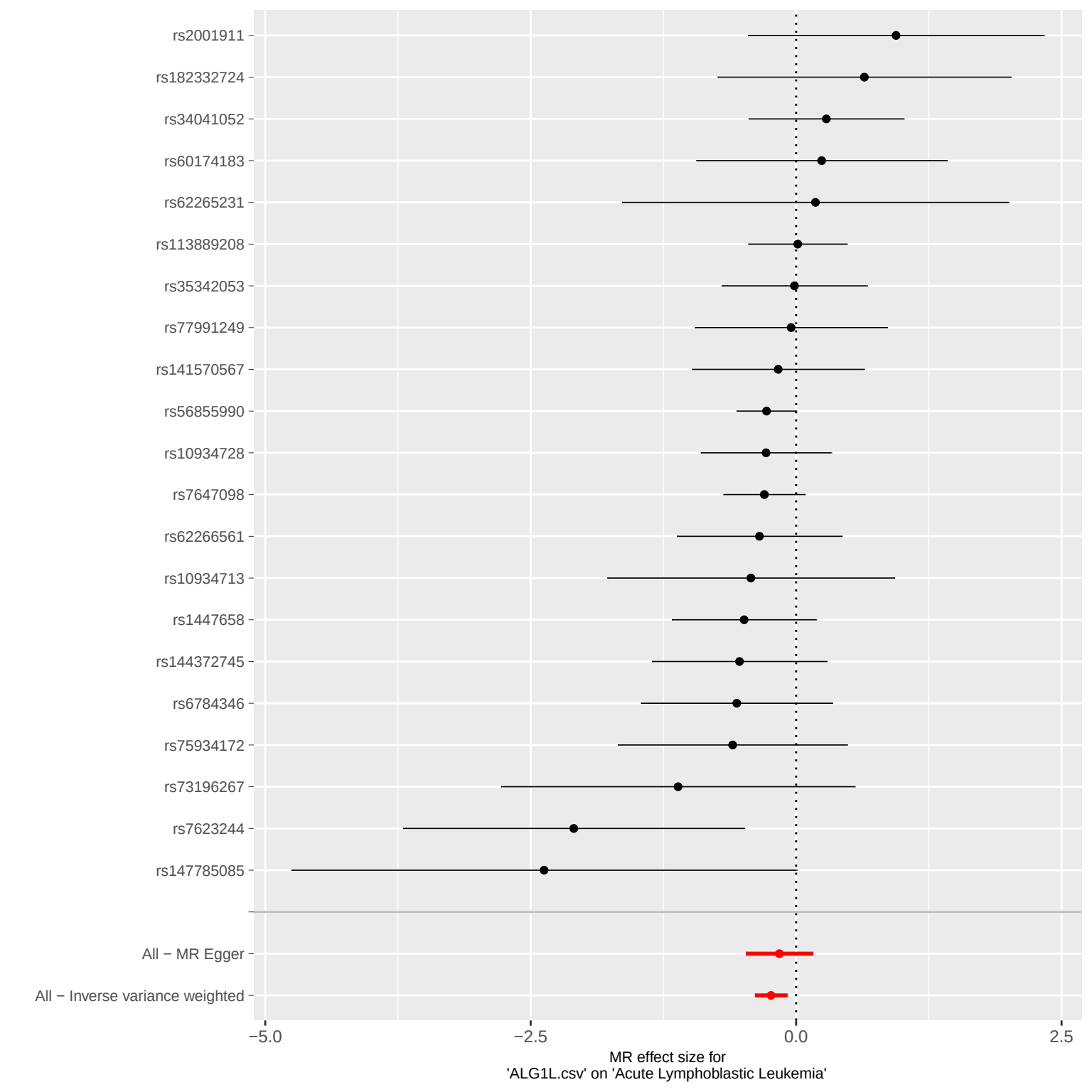
10
20
30
MR effect size for
'ALDH1A1.csv' on 'Acute Lymphoblastic Leukemia'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rs73196267
rs7623244
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All − MR Egger
All − Inverse variance weighted
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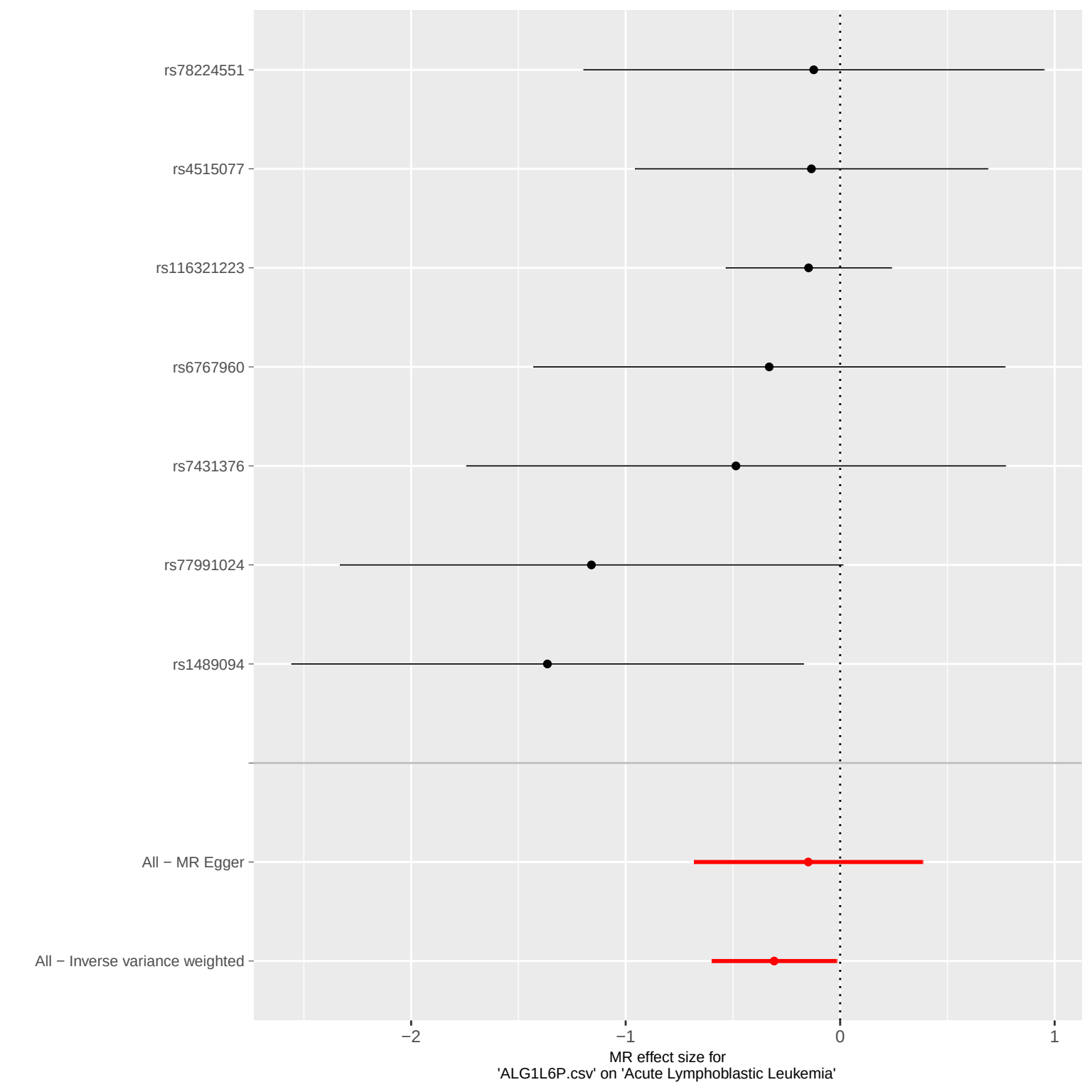
−2.5
0.0
2.5
MR effect size for
'ALG1L.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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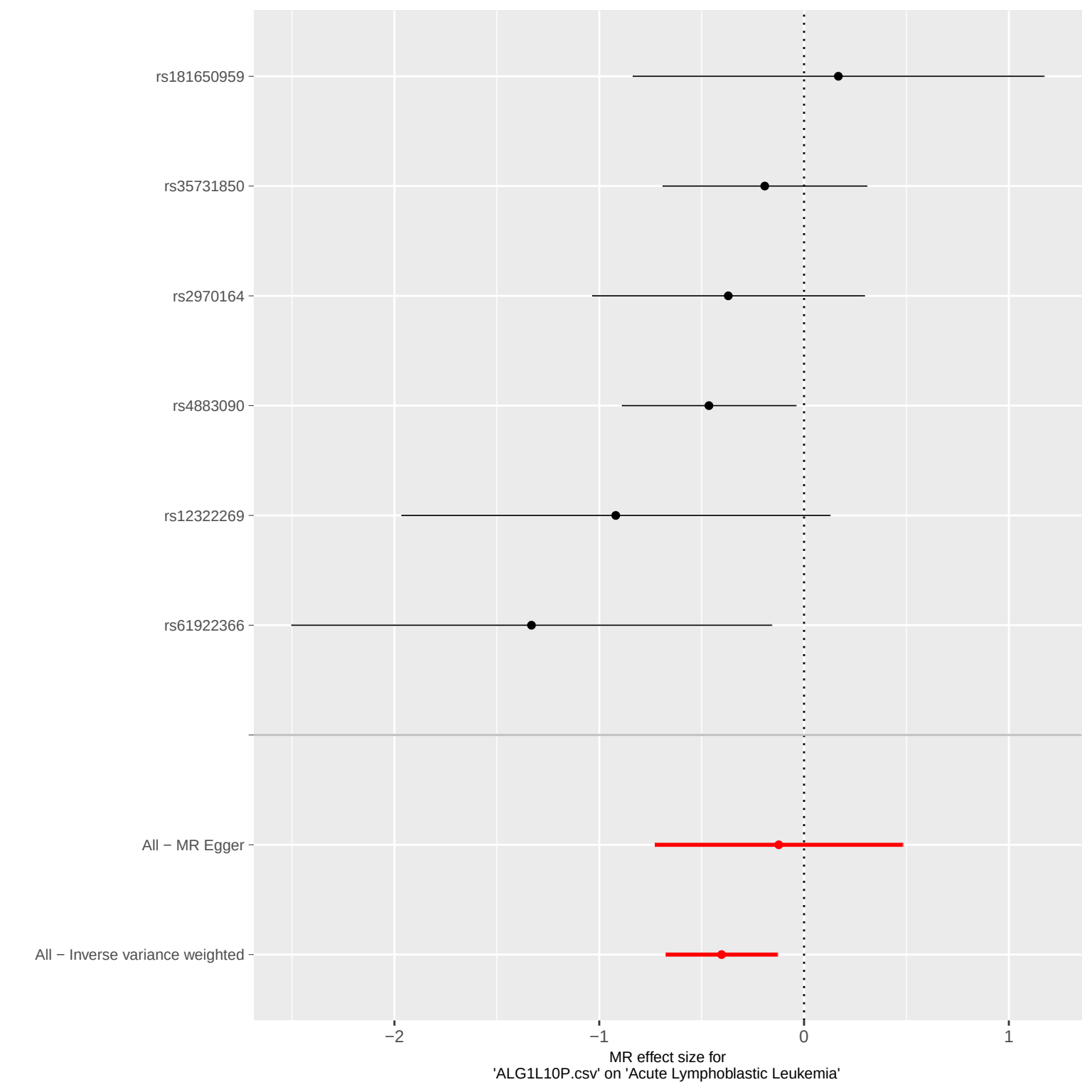
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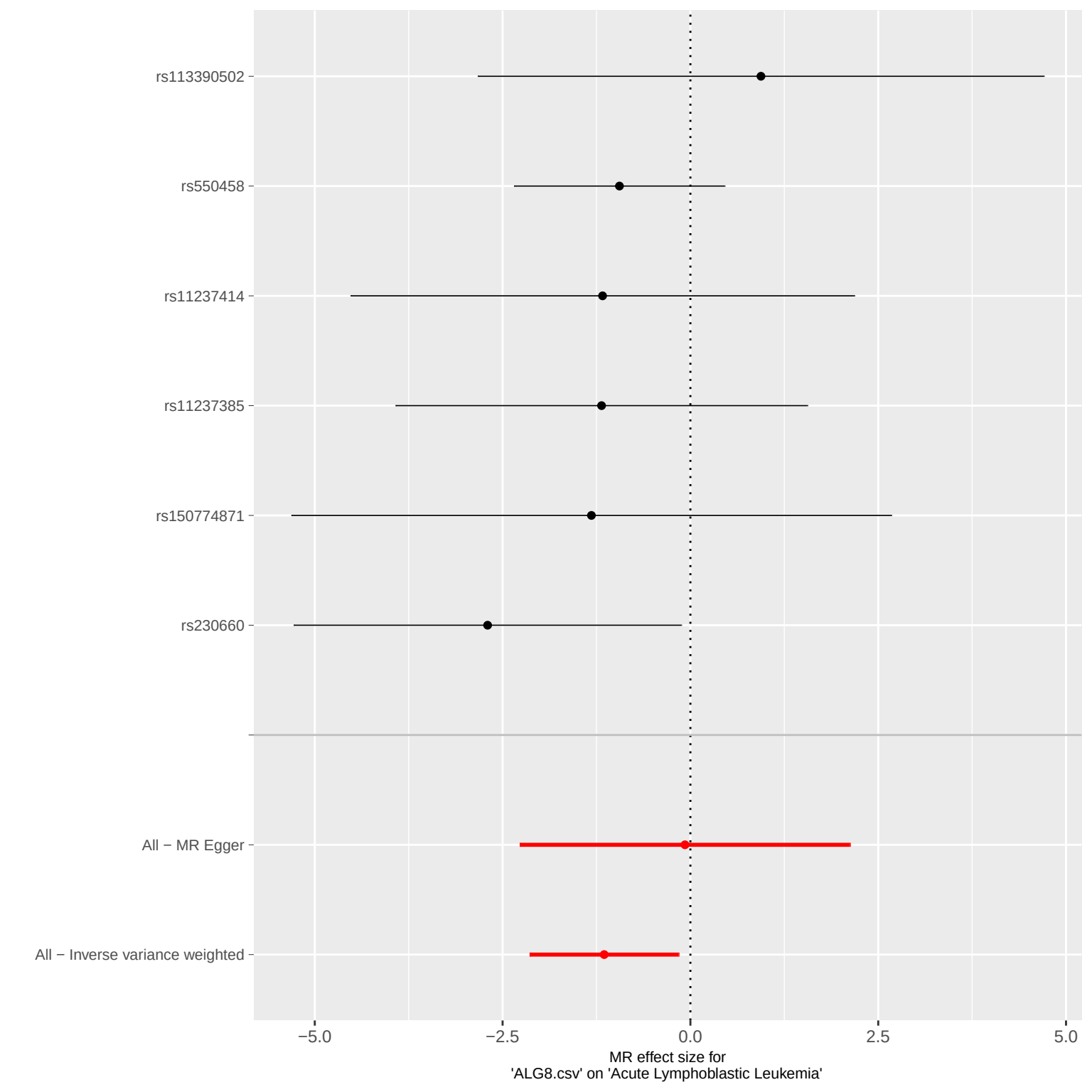
MR effect size for
'ALG1L10P.csv' on 'Acute Lymphoblastic Leukemia'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rs230660
All − MR Egger
All − Inverse variance weighted
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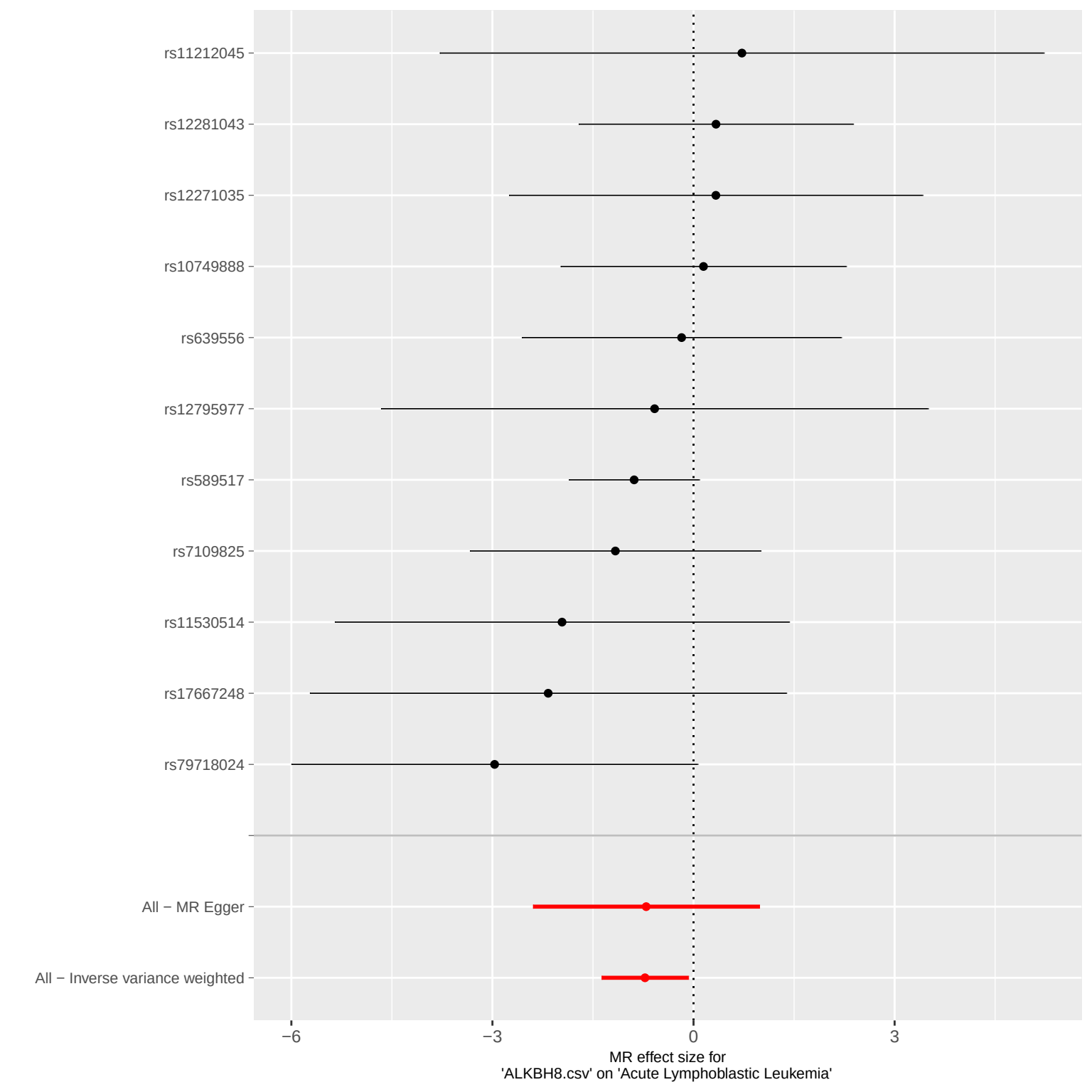
2.5
5.0
MR effect size for
'ALG8.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−3
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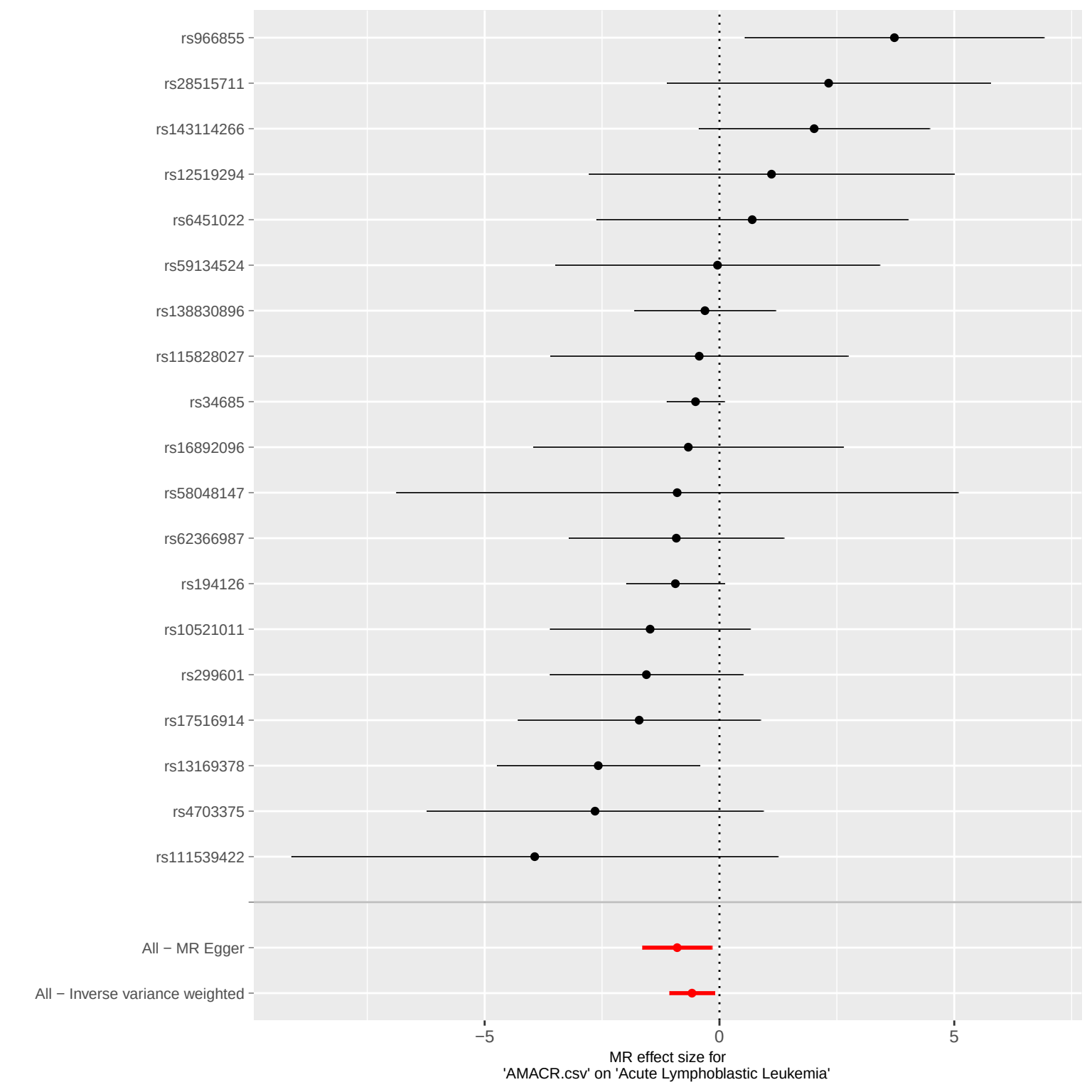
3
MR effect size for
'ALKBH8.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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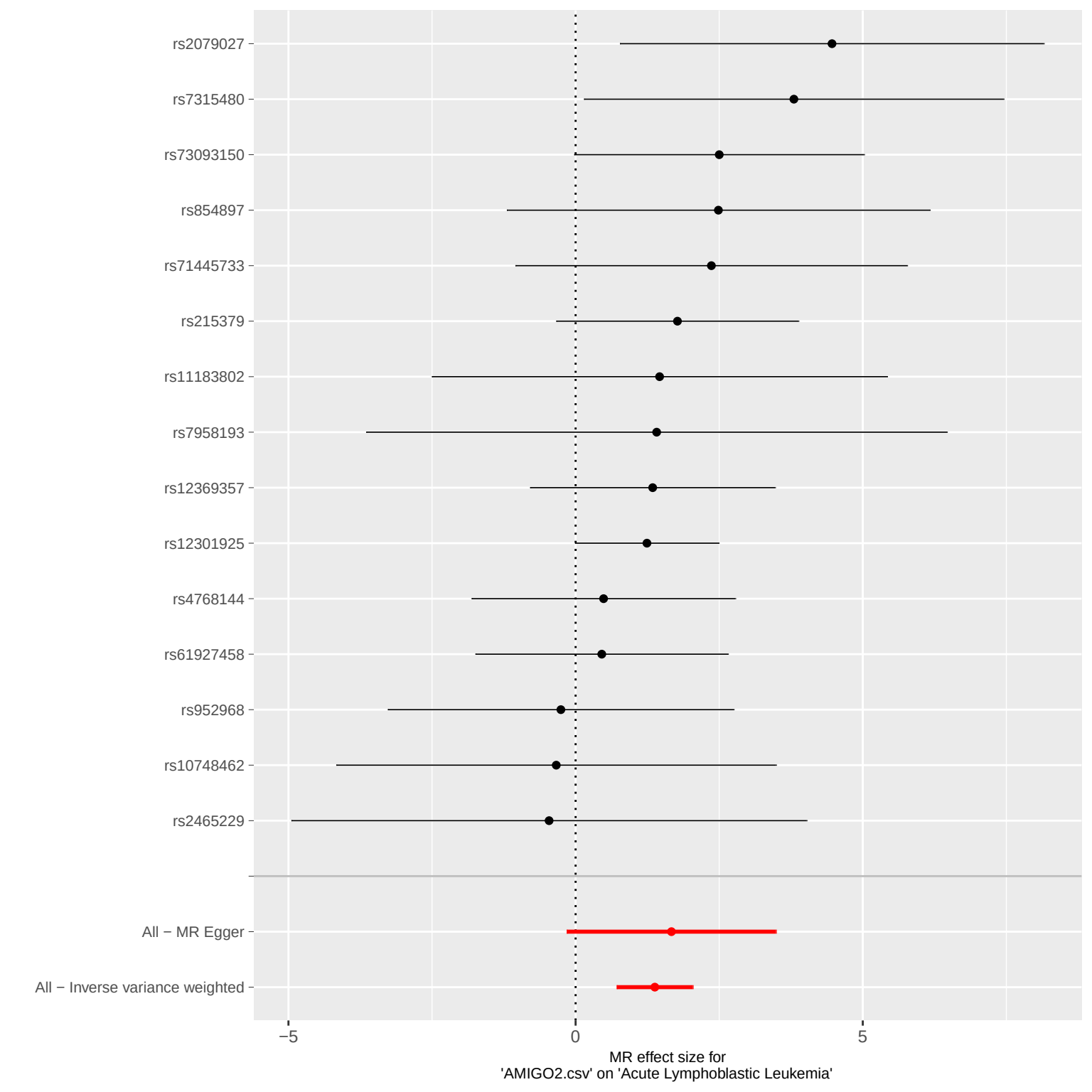
MR effect size for
'AMACR.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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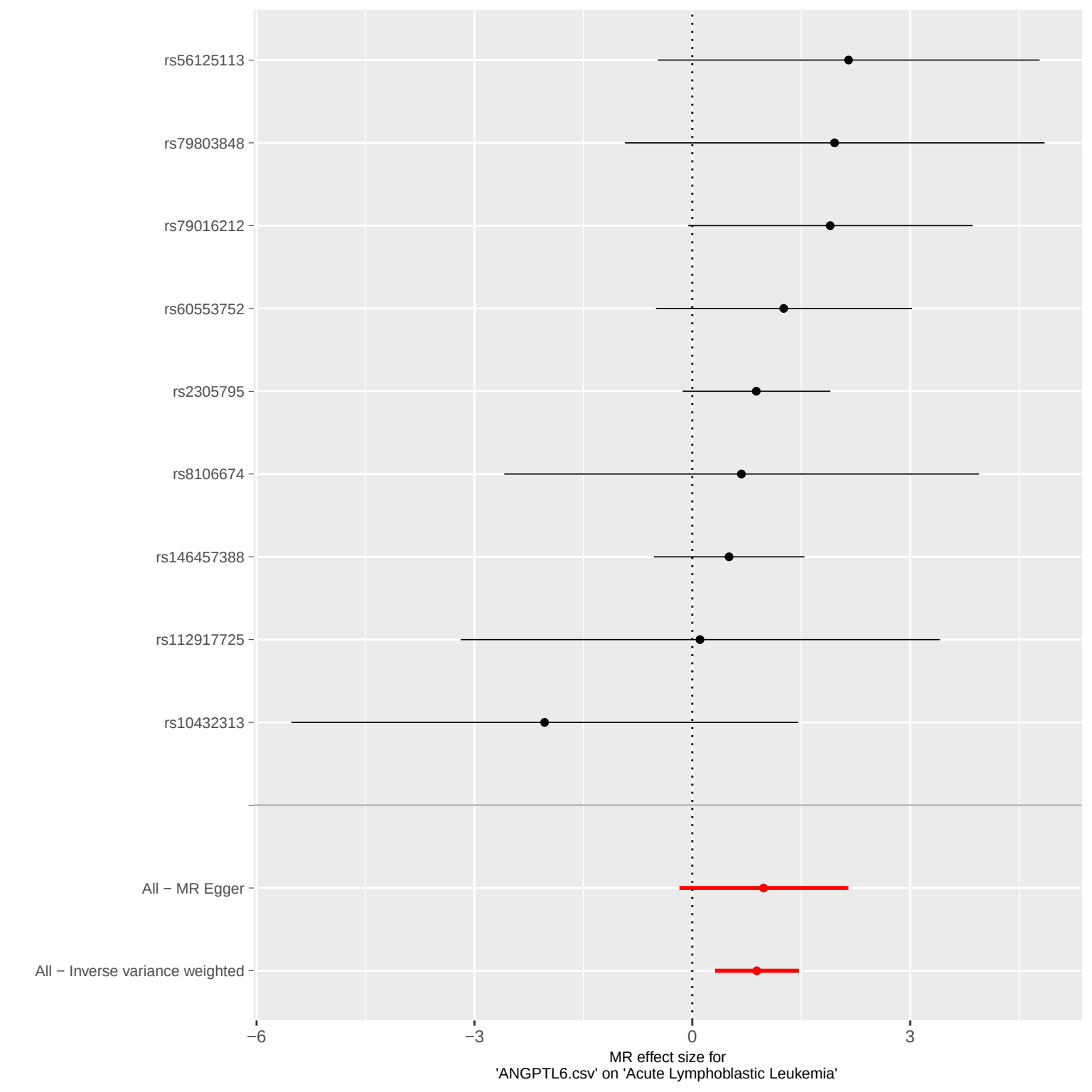
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All − Inverse variance weighted
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MR effect size for
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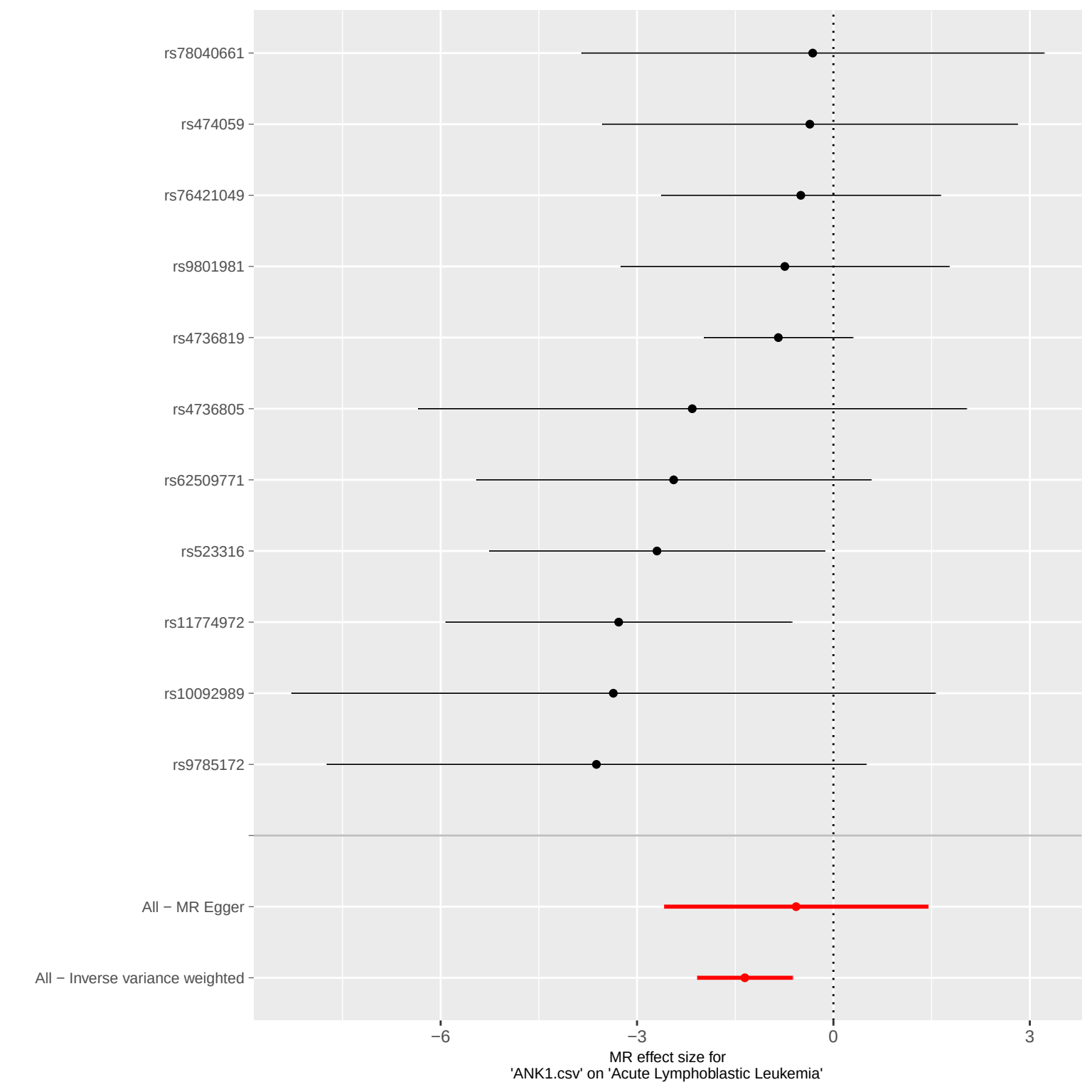
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All − Inverse variance weighted
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MR effect size for
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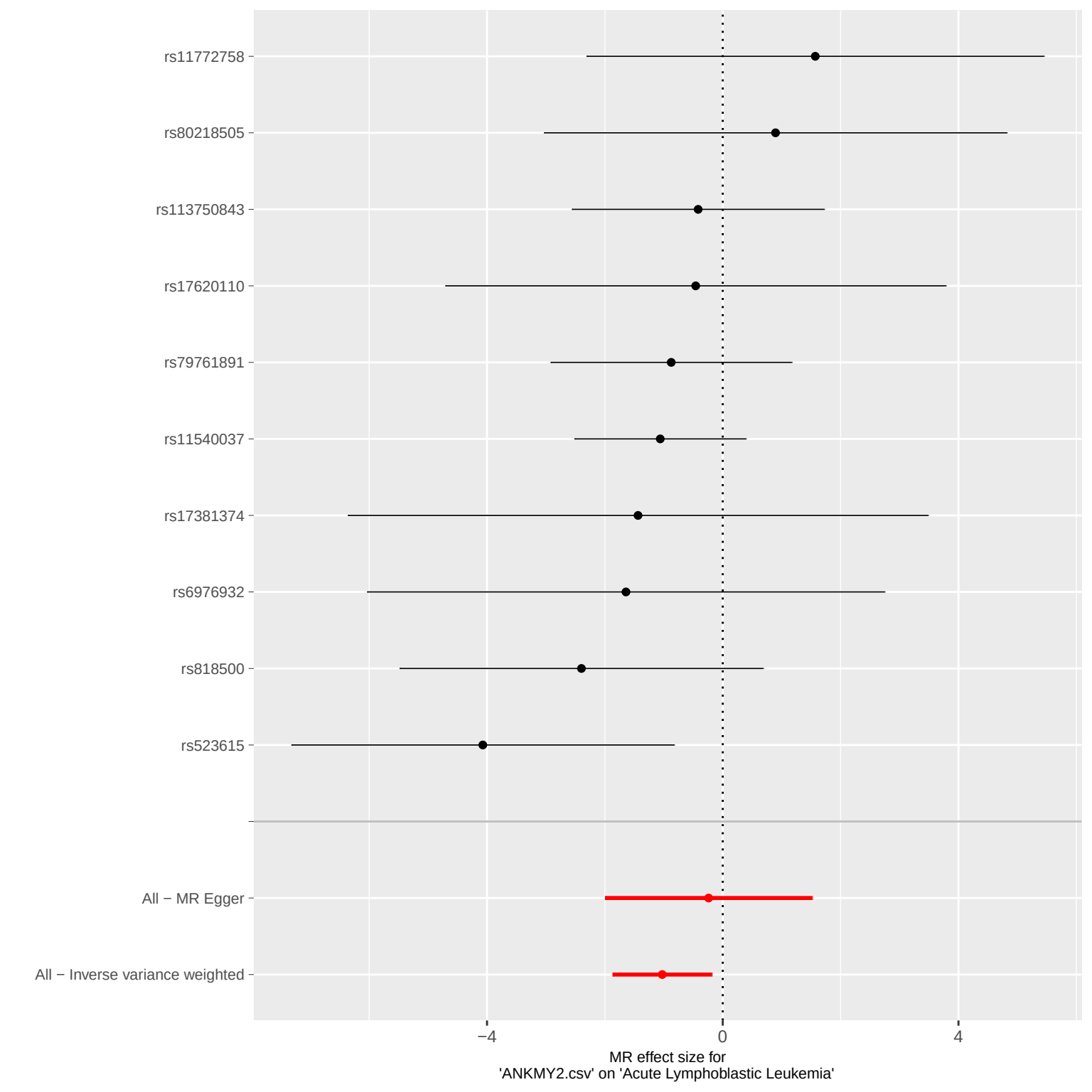
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All − Inverse variance weighted
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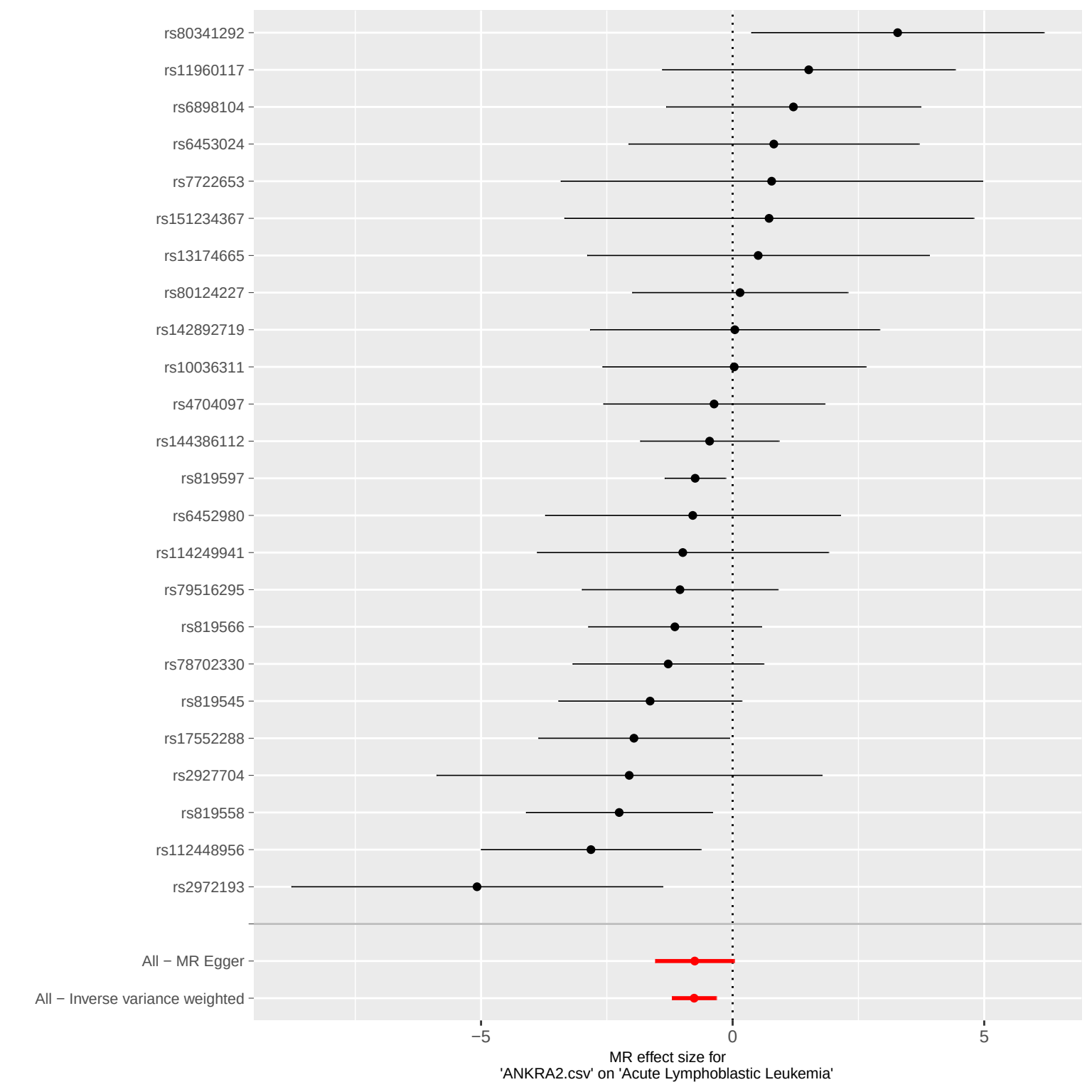
MR effect size for
'ANKMY2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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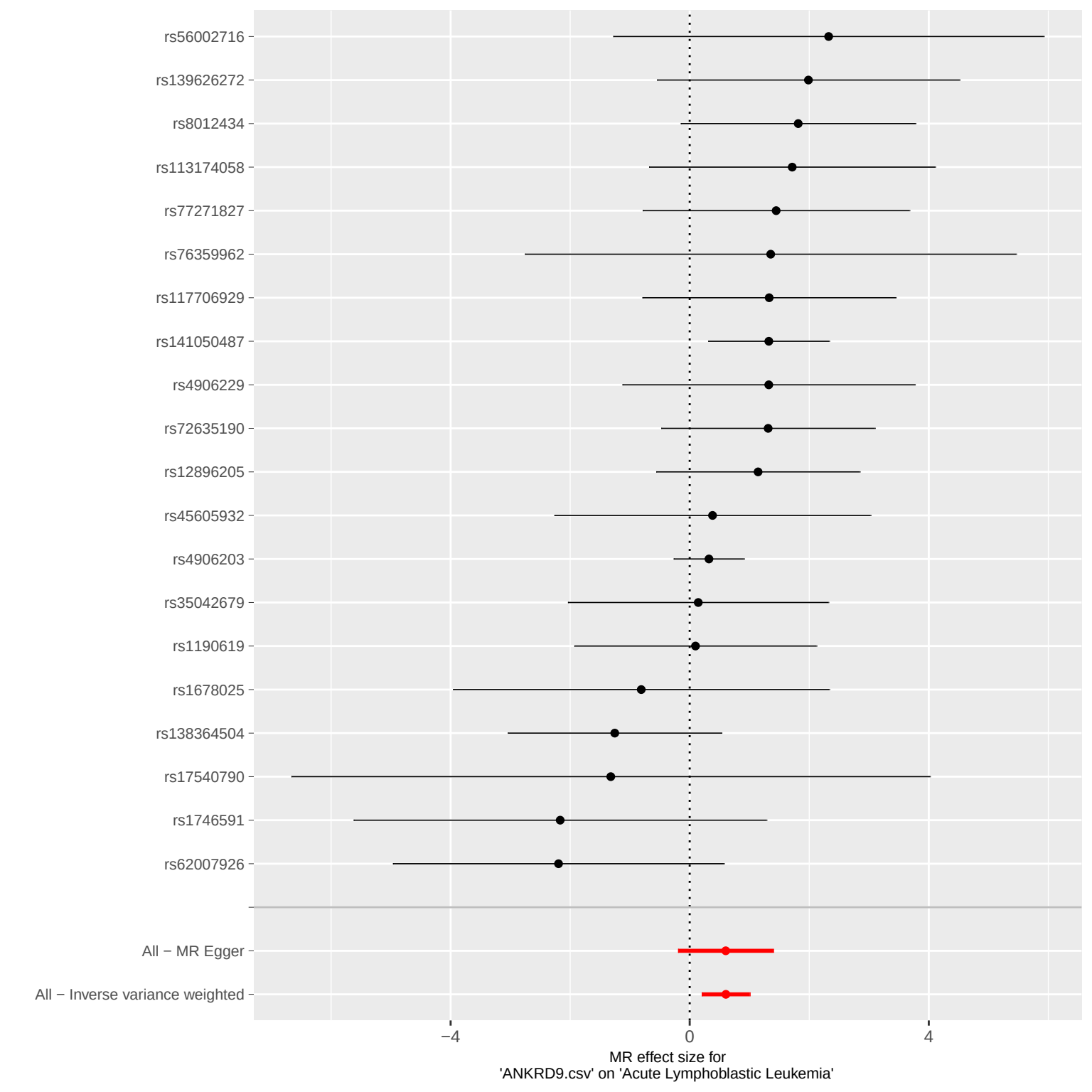
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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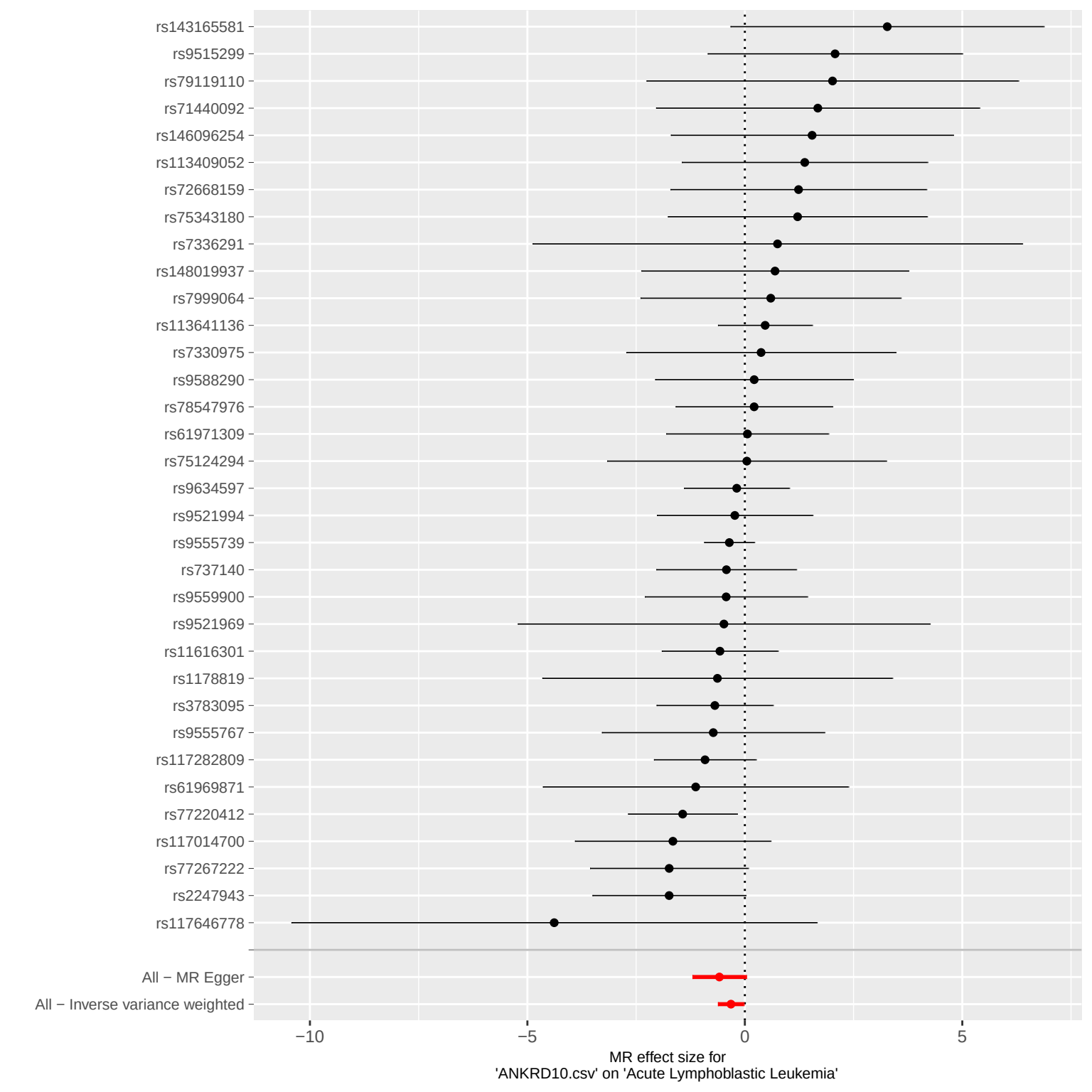
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rs77220412
rs117014700
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All − Inverse variance weighted
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−5
0
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MR effect size for
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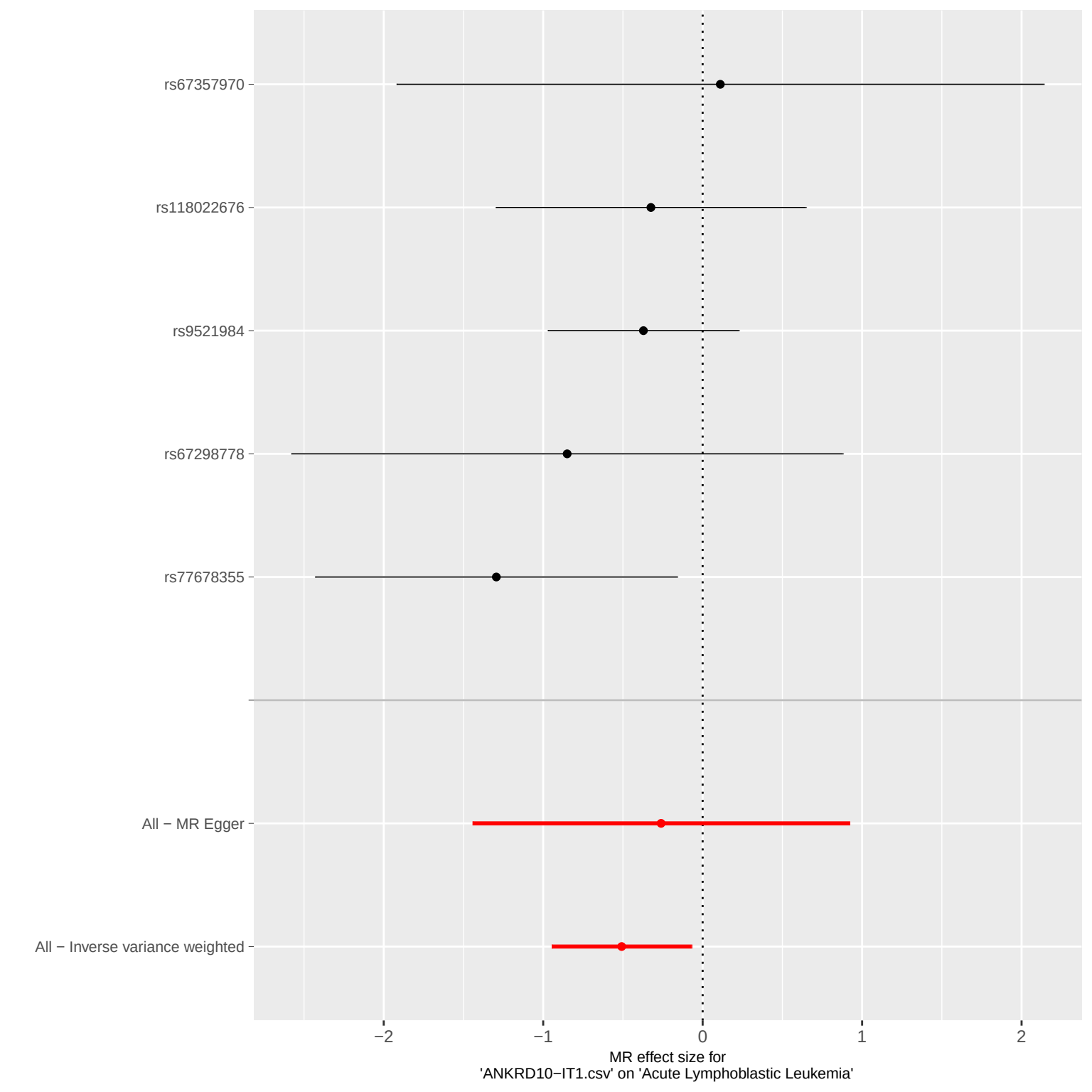
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All − Inverse variance weighted
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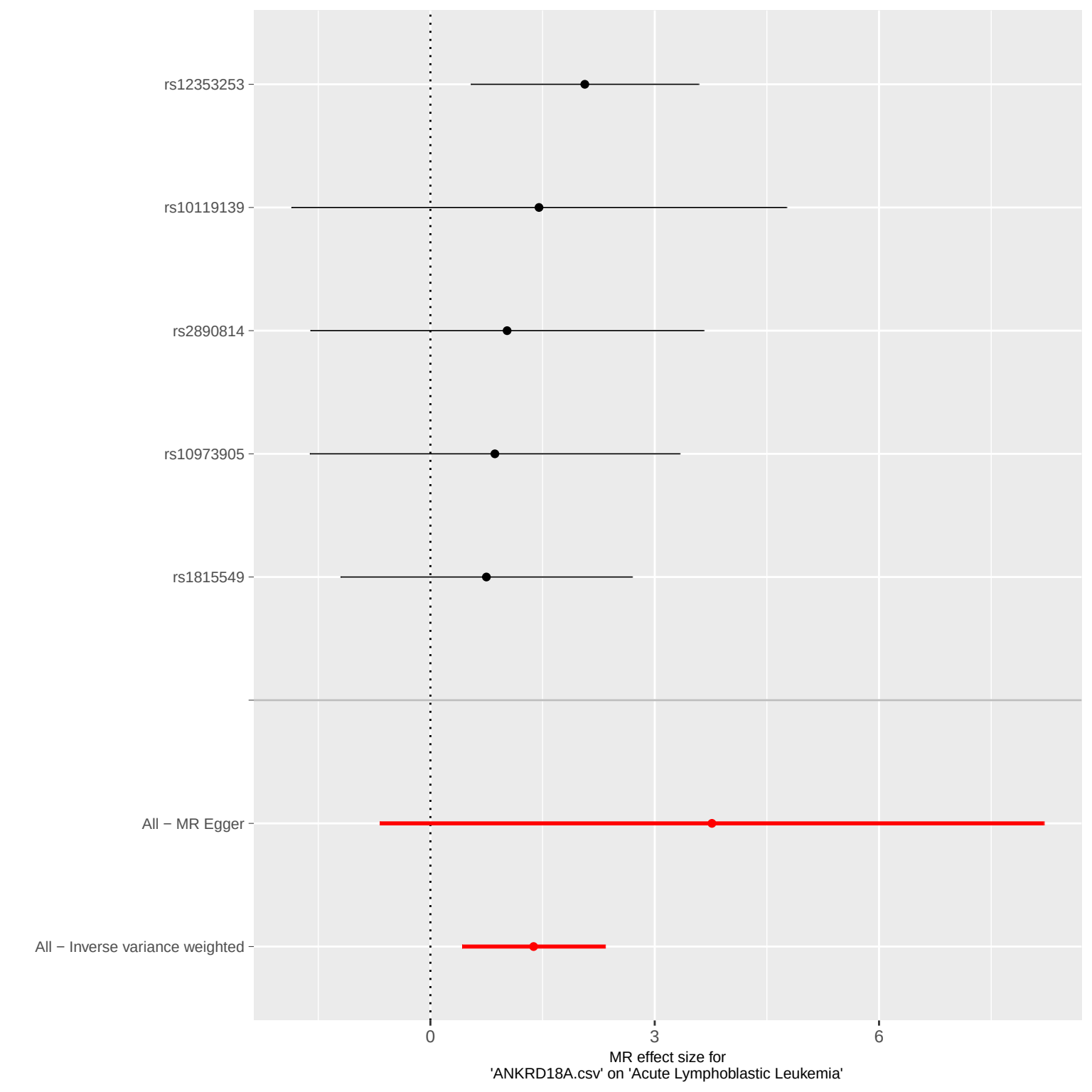
MR effect size for
'ANKRD10−IT1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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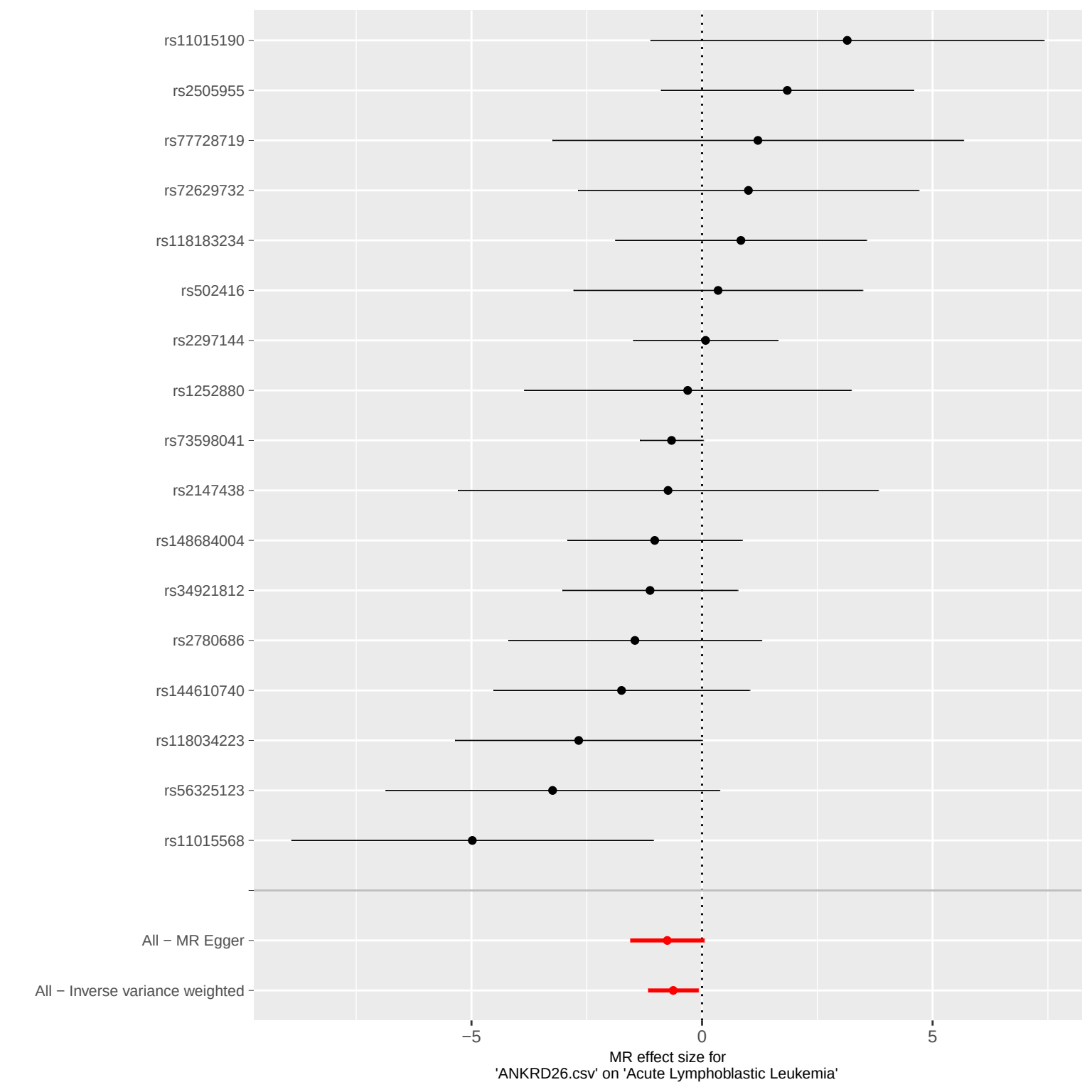
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All − Inverse variance weighted
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MR effect size for
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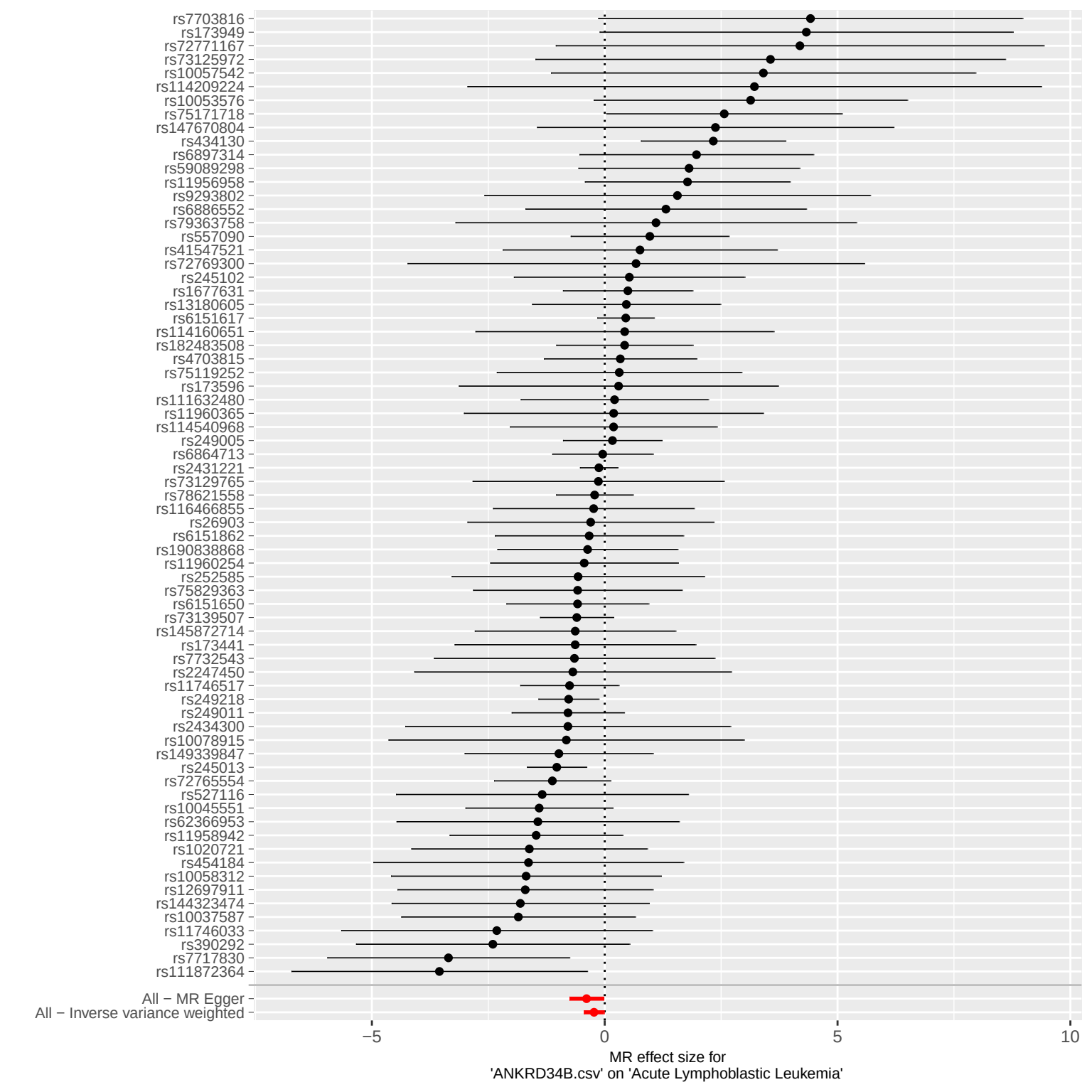
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All − Inverse variance weighted
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MR effect size for
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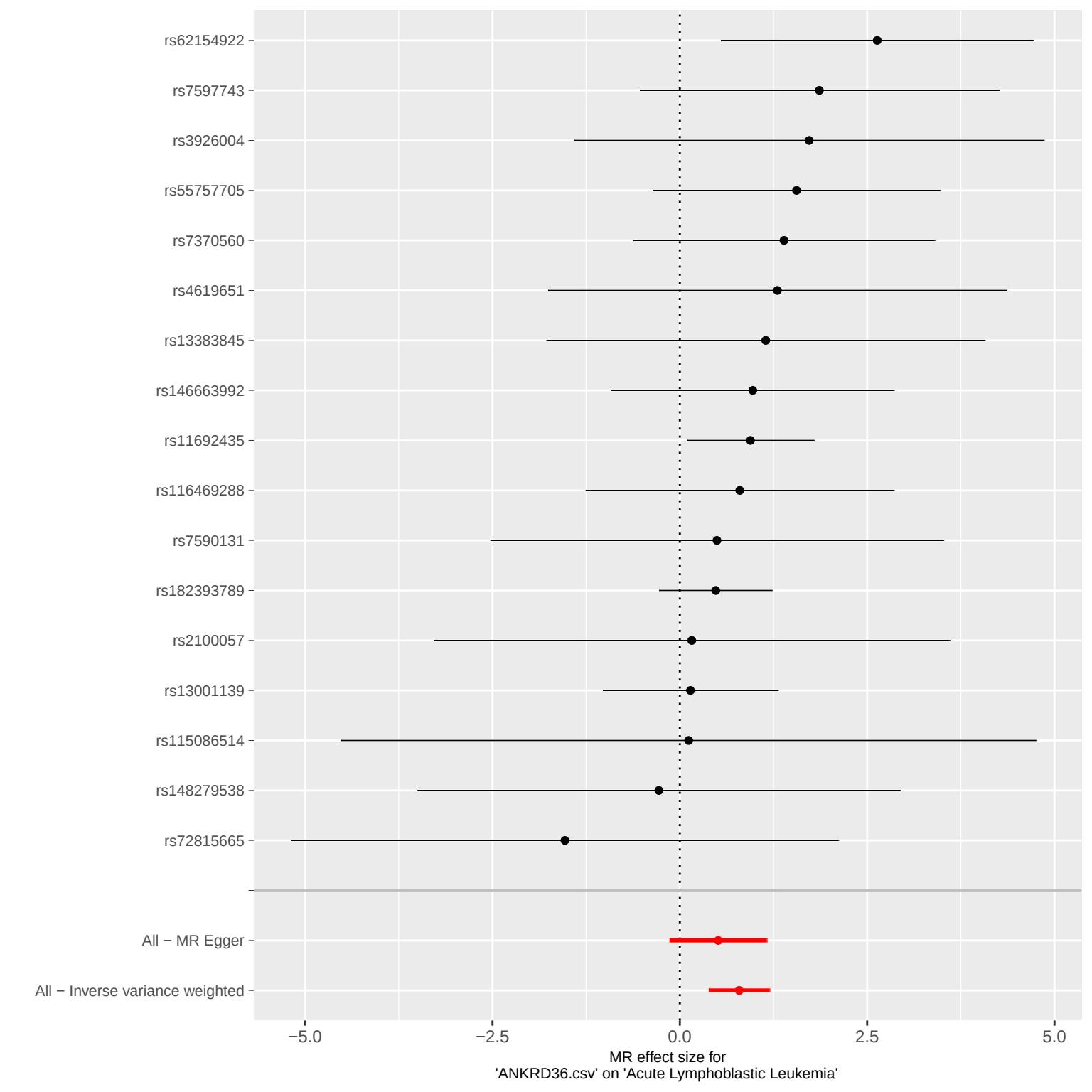
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rs182393789
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rs72815665
All − MR Egger
All − Inverse variance weighted
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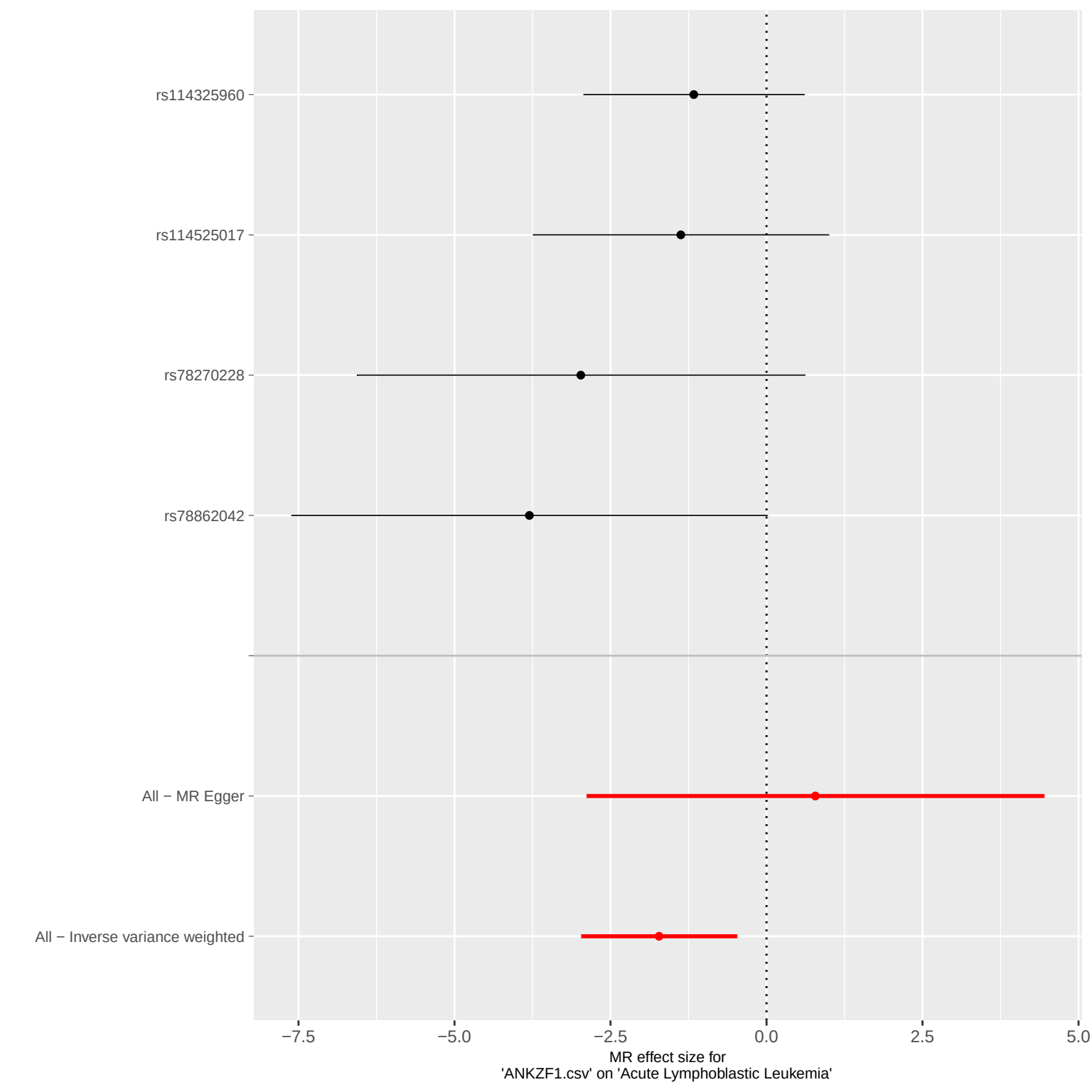
2.5
5.0
MR effect size for
'ANKRD36.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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2.5
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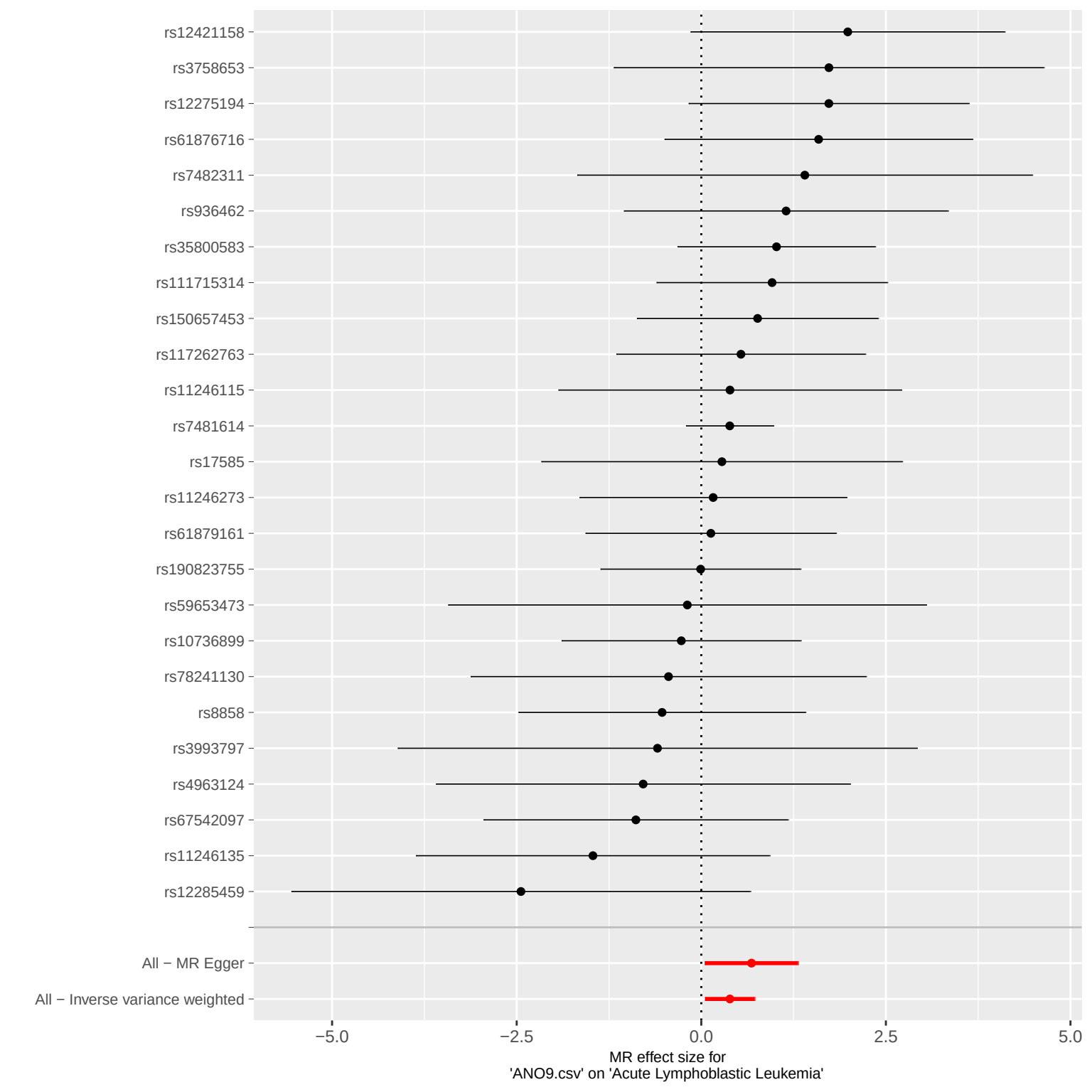
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All − MR Egger
All − Inverse variance weighted
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0.0
2.5
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MR effect size for
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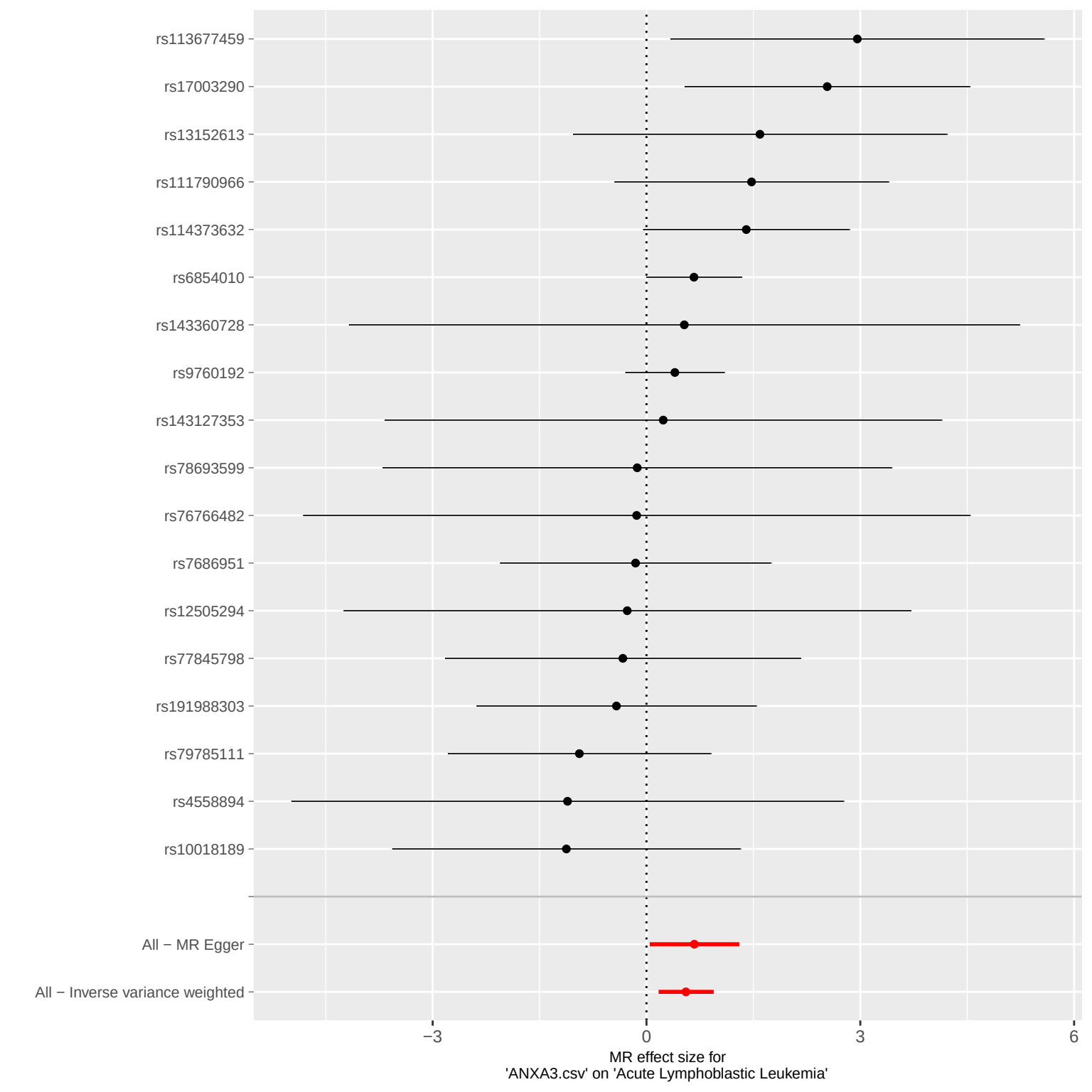
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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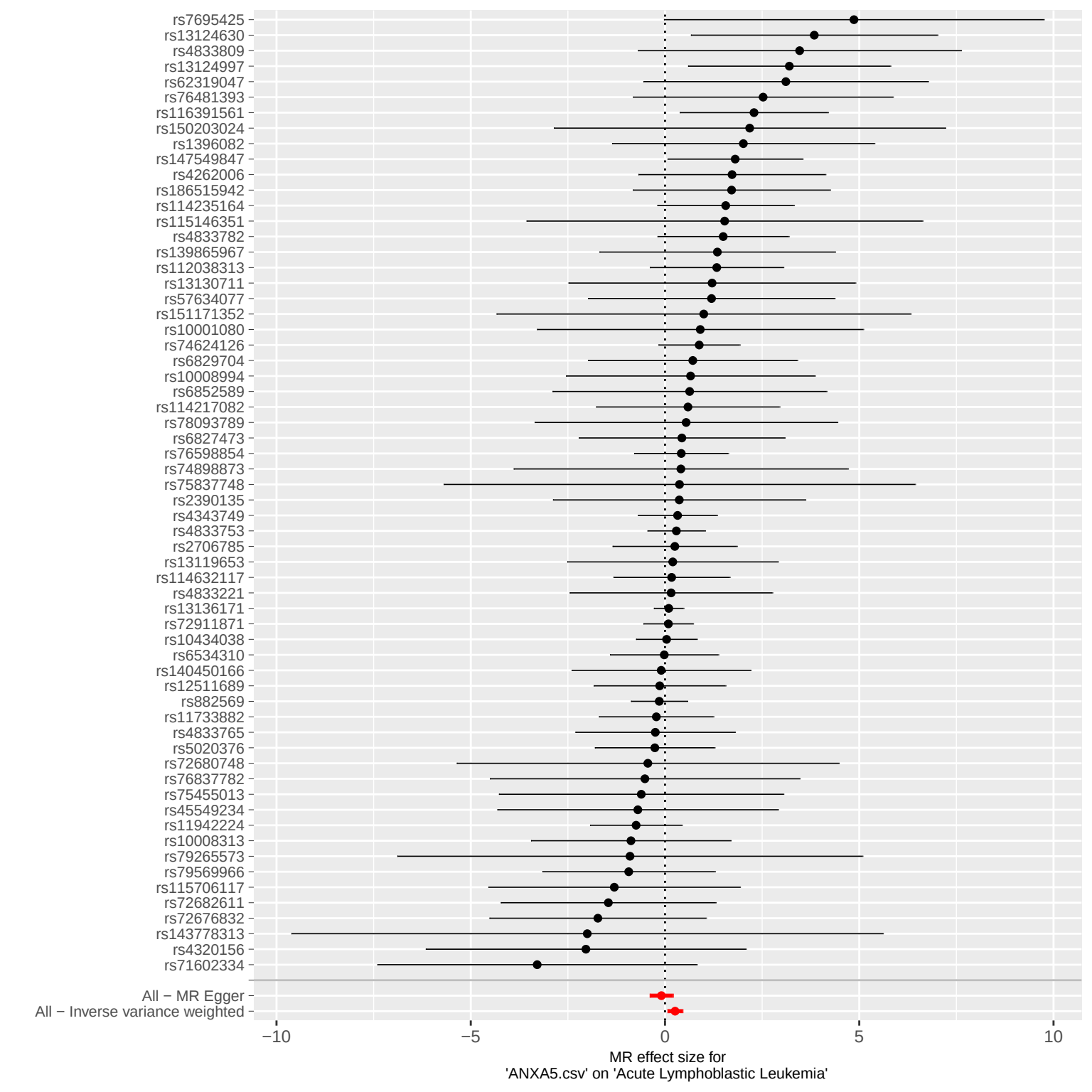
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All − MR Egger
All − Inverse variance weighted
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5
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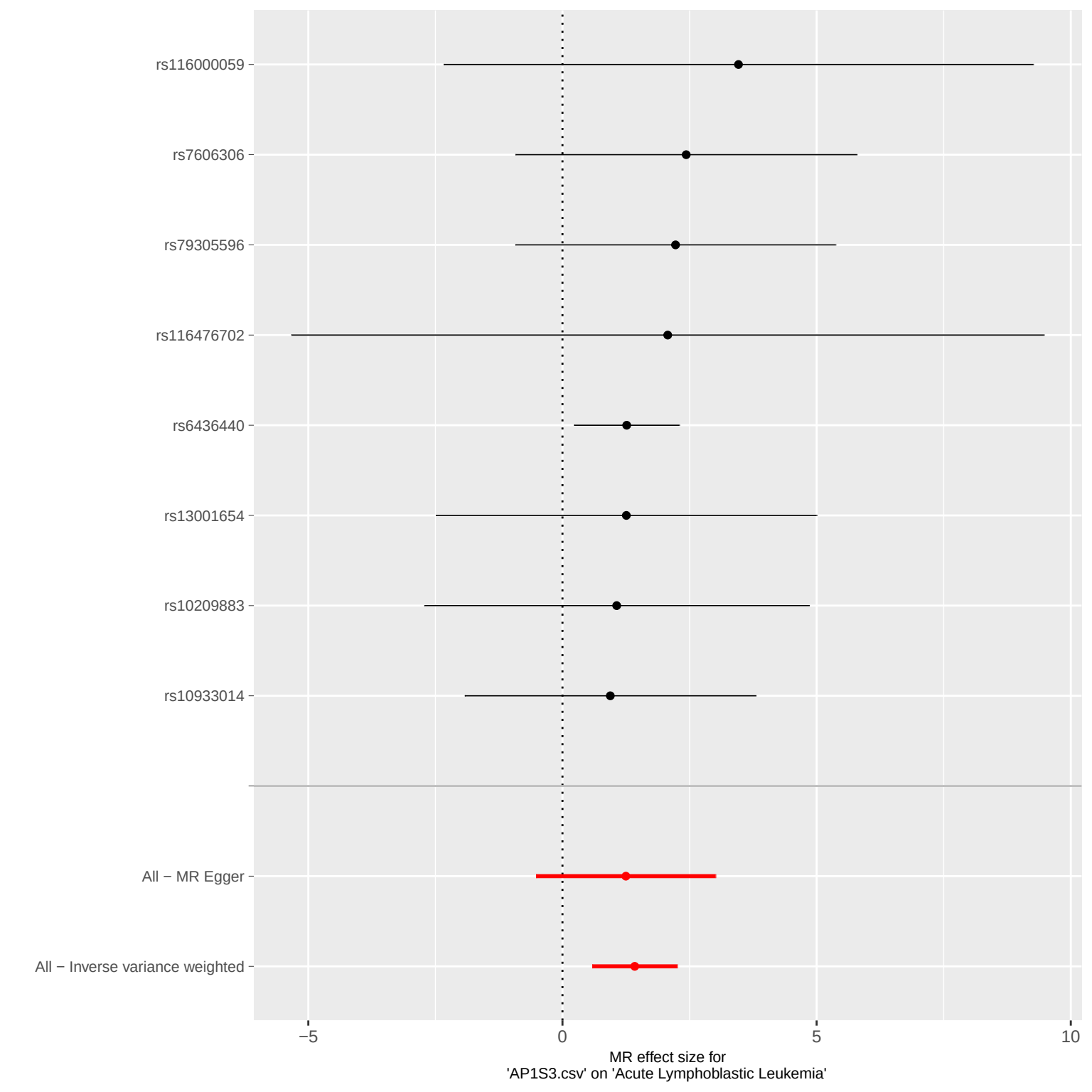
MR effect size for
'ANXA5.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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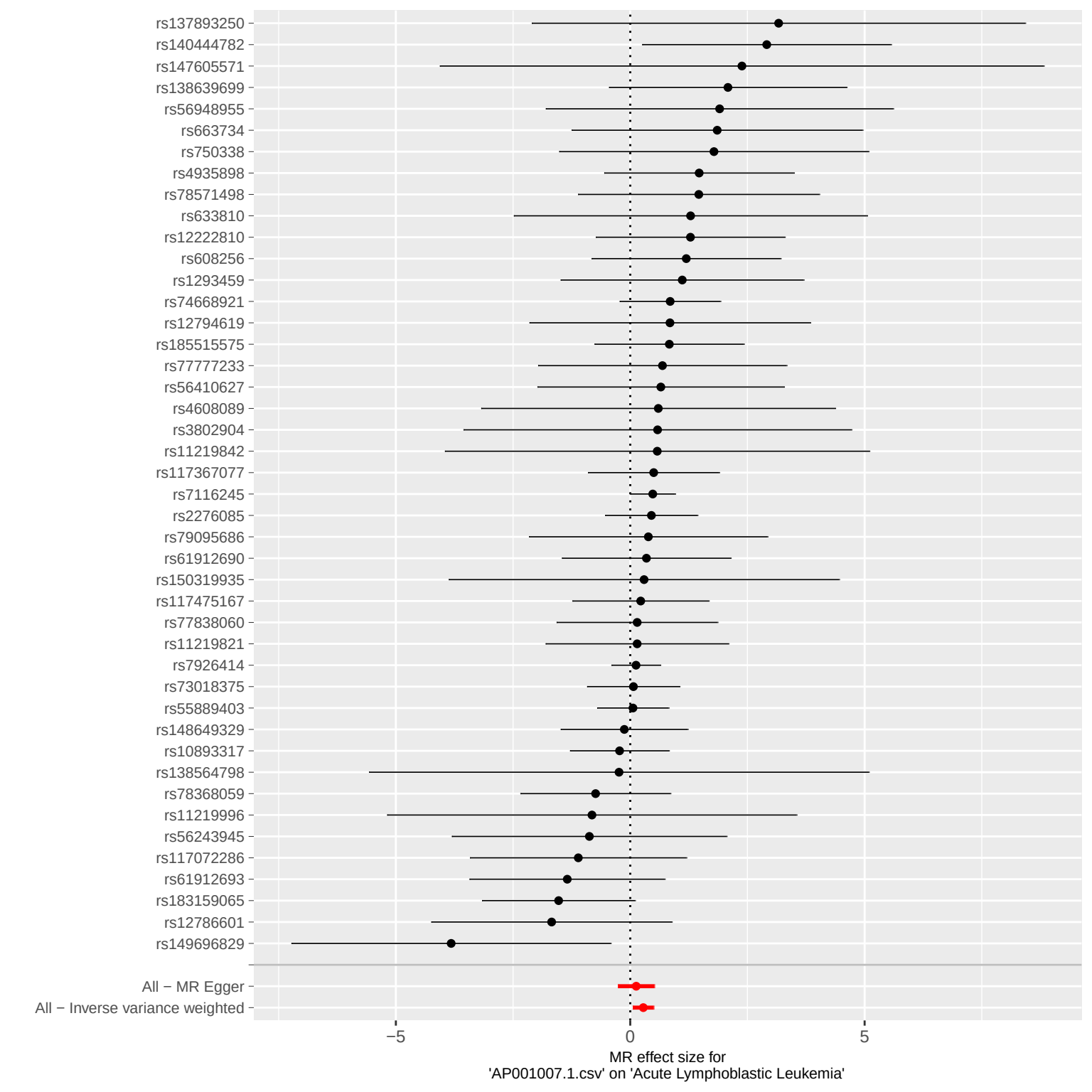
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MR effect size for
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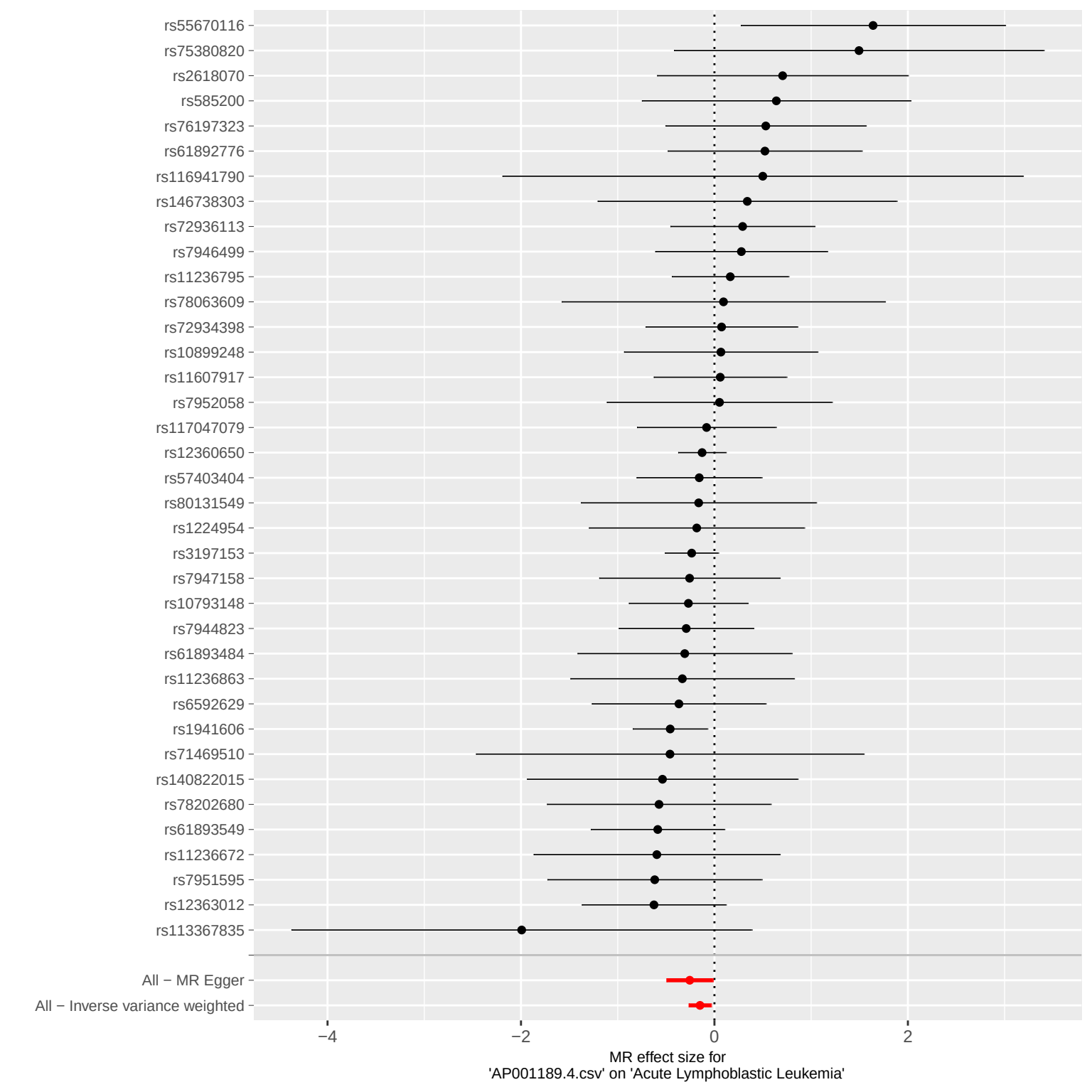
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All − MR Egger
All − Inverse variance weighted
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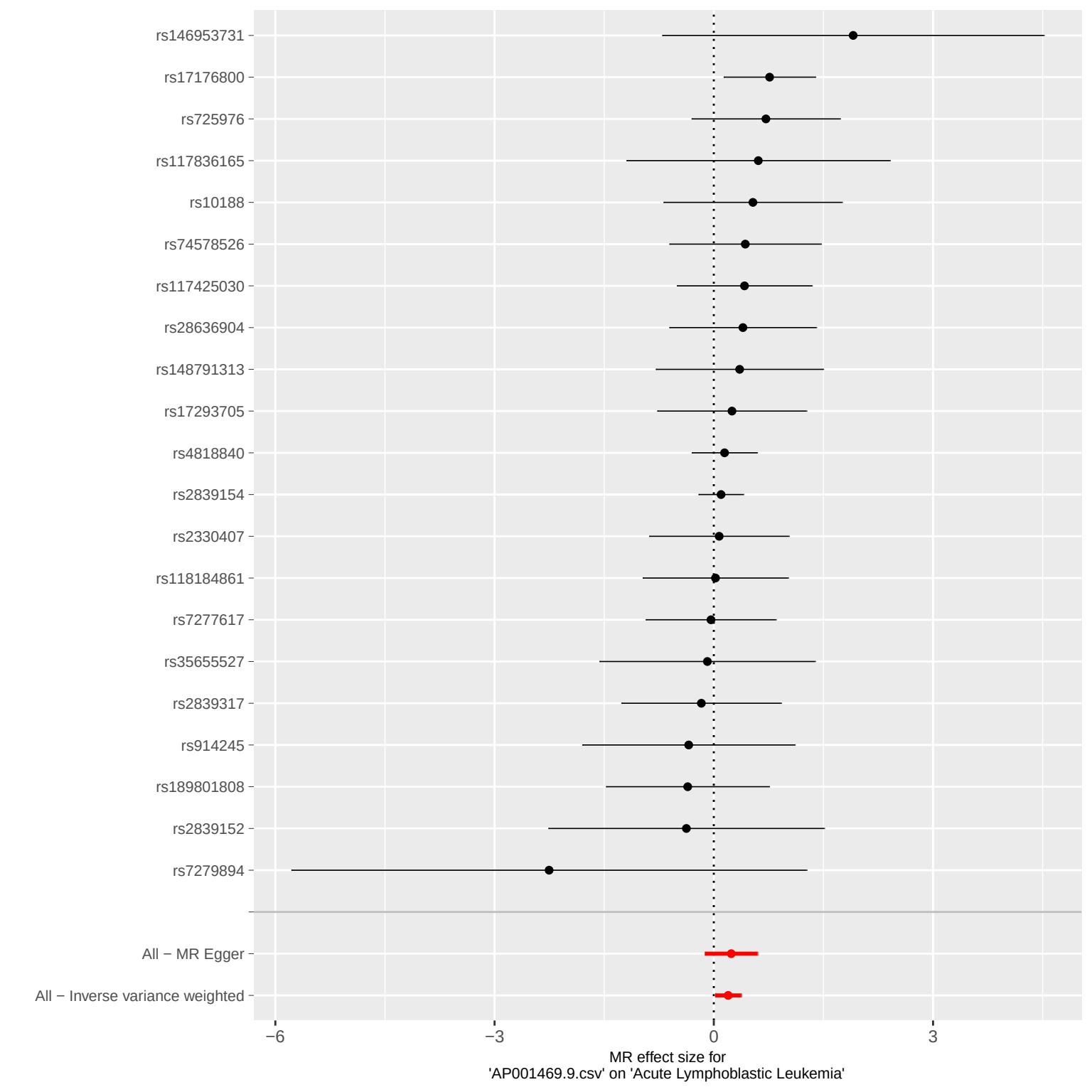
MR effect size for
'AP001189.4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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MR effect size for
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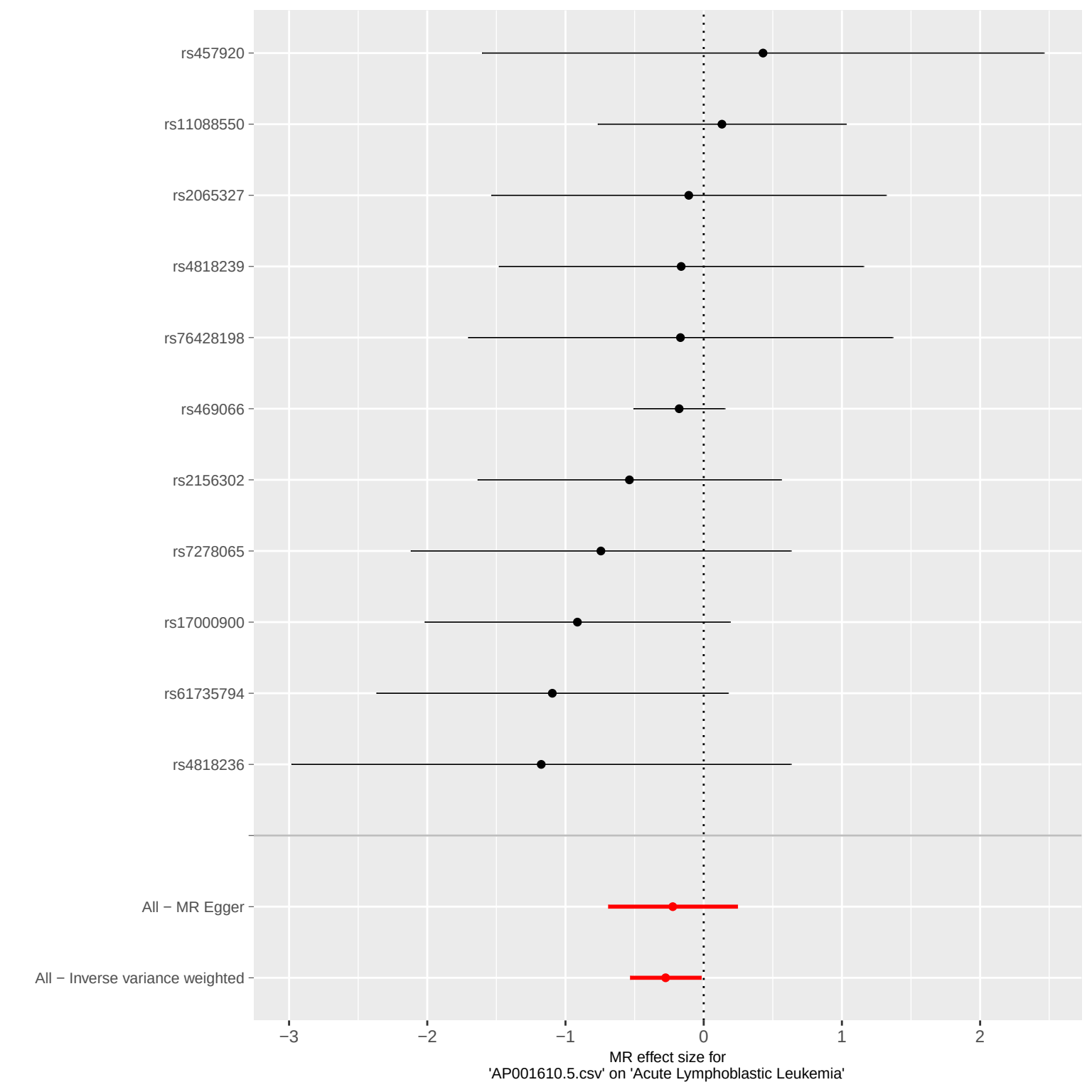
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All − MR Egger
All − Inverse variance weighted
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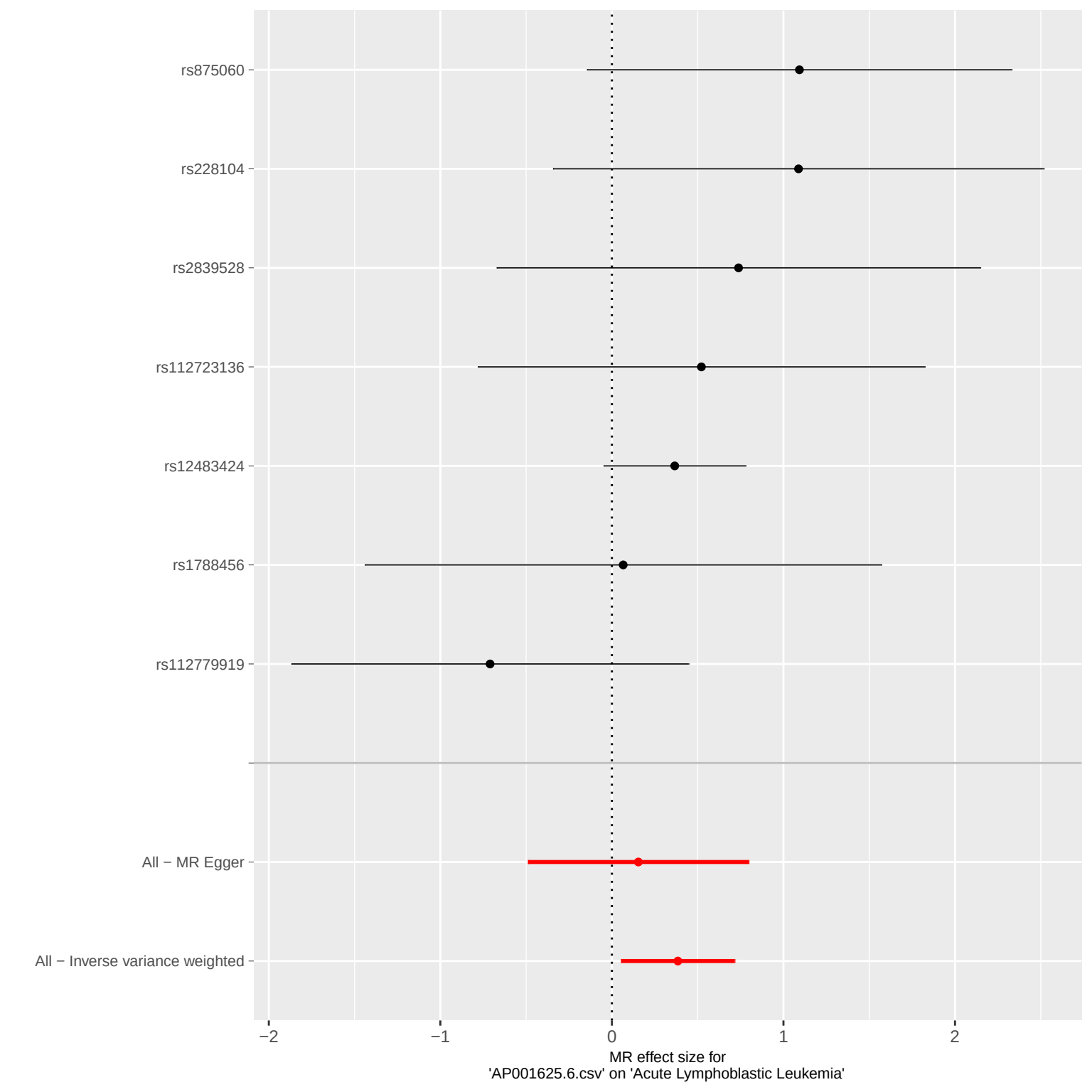
−1
0
1
2
MR effect size for
'AP001610.5.csv' on 'Acute Lymphoblastic Leukemia'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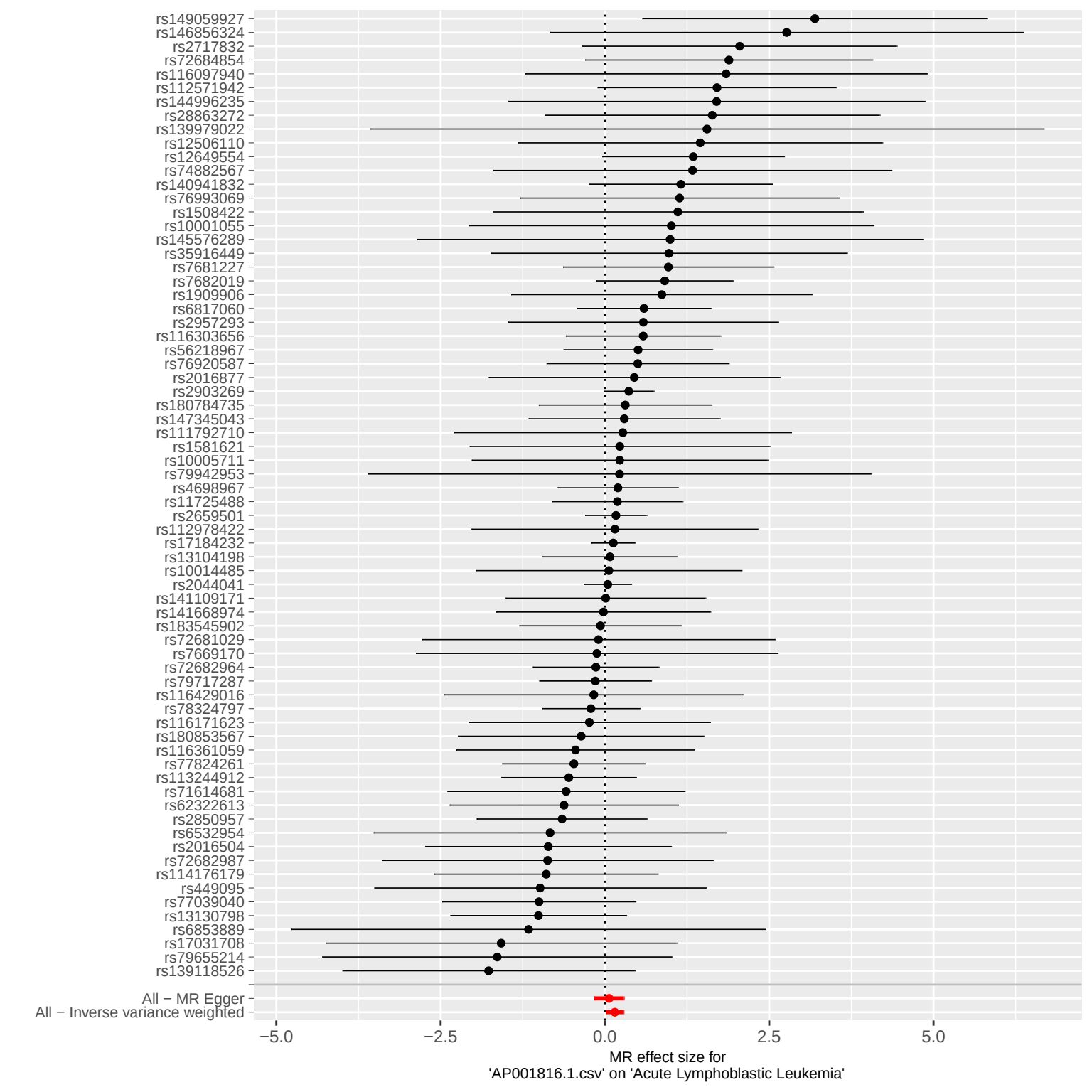
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'AP001625.6.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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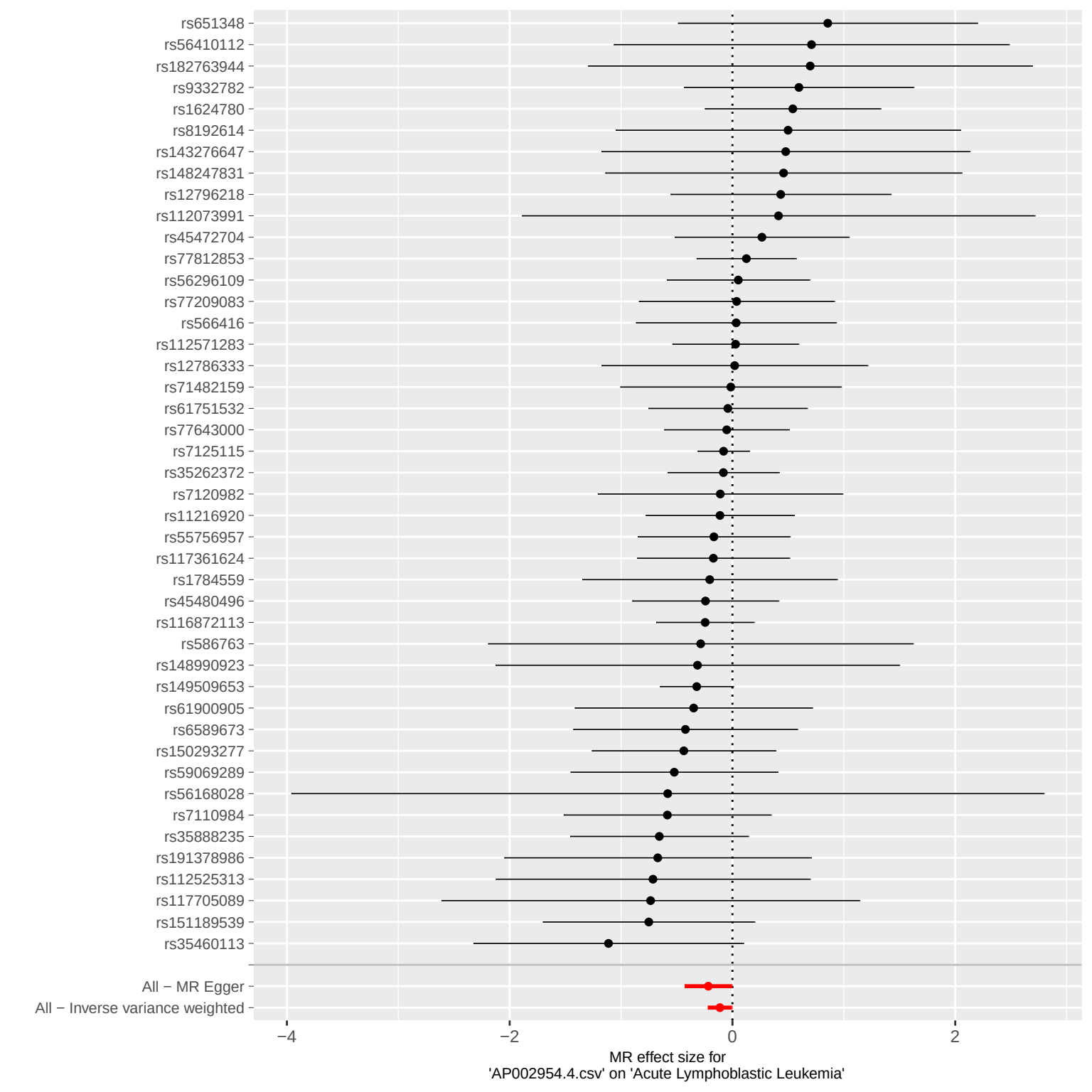
0.0
2.5
5.0
MR effect size for
'AP001816.1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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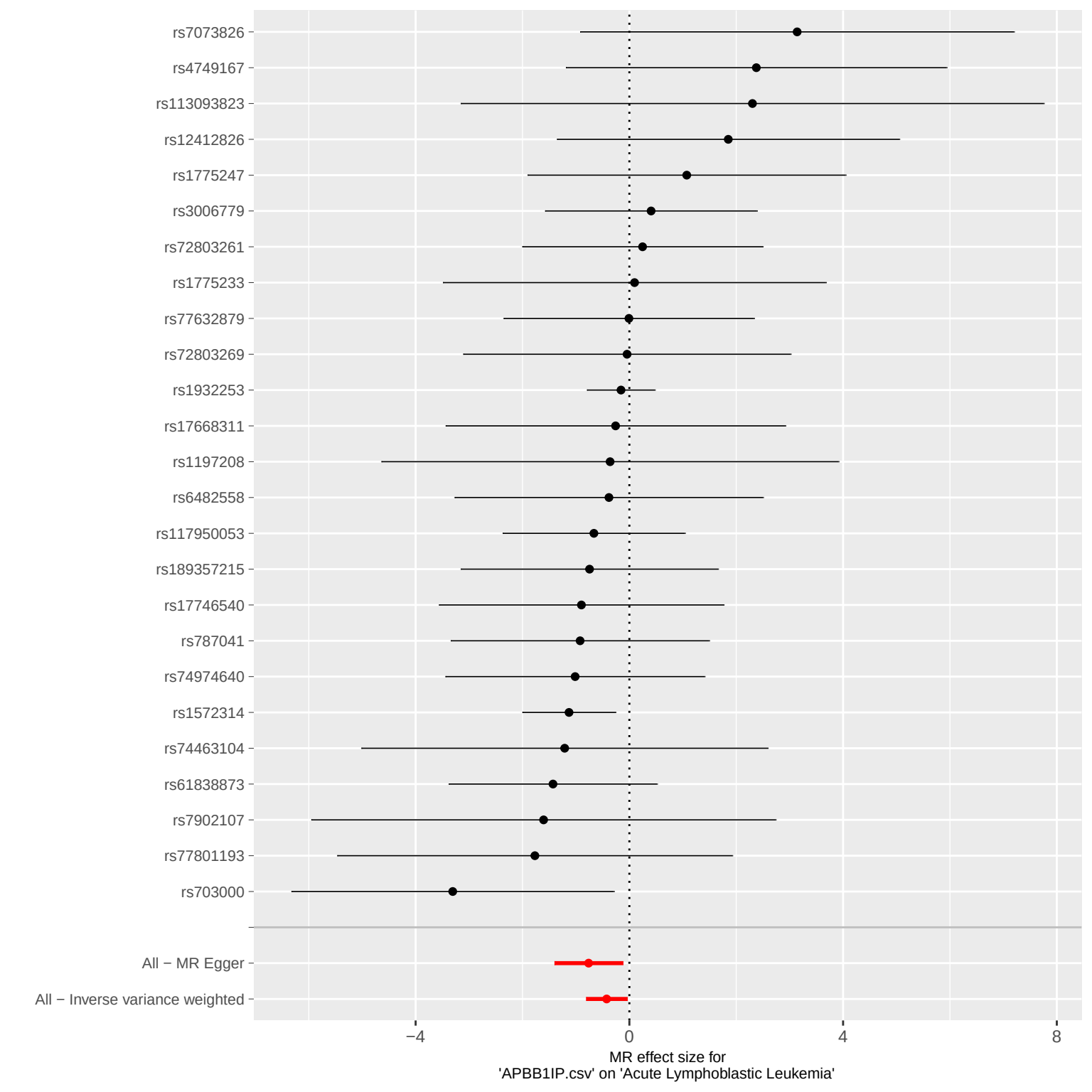
MR effect size for
'AP002954.4.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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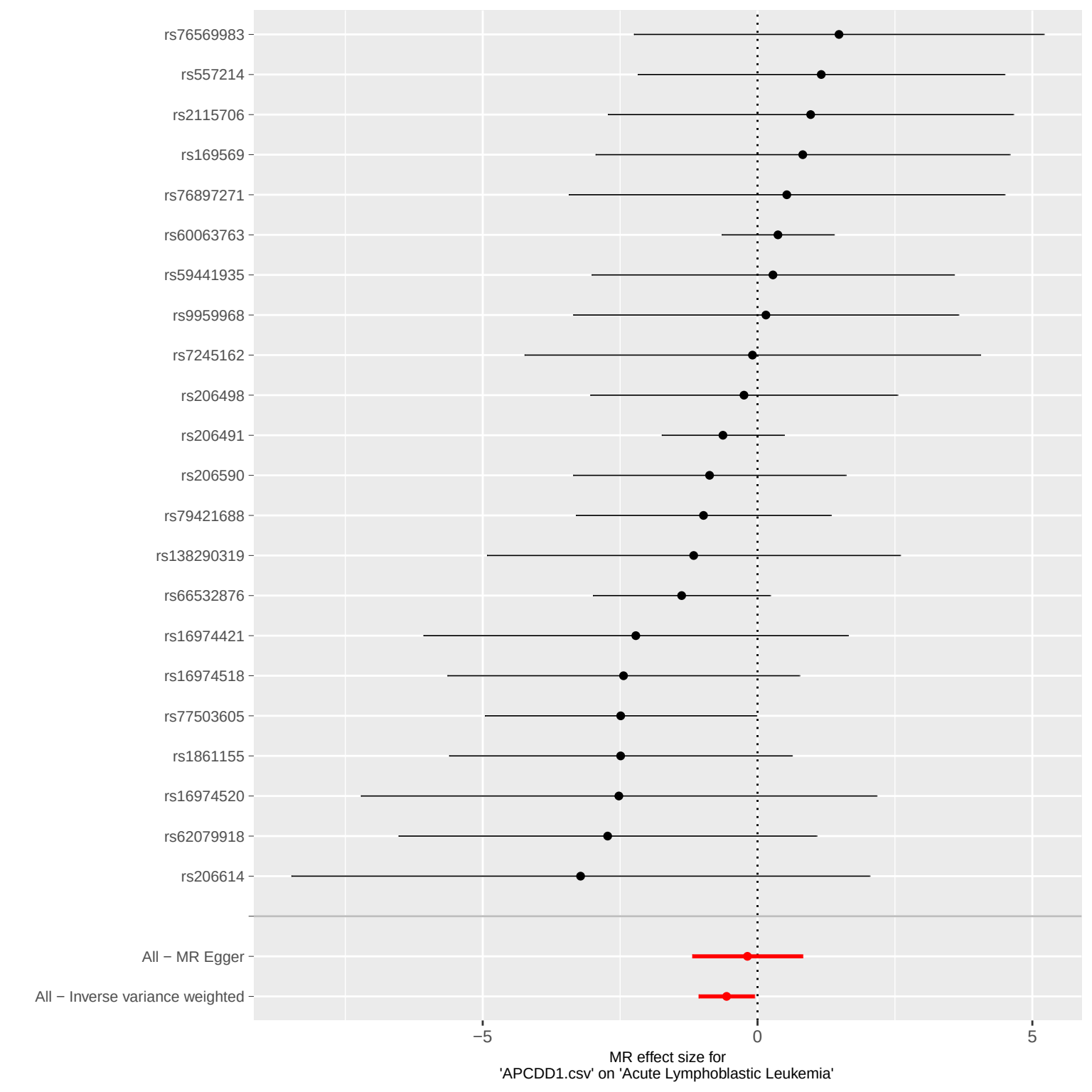
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rs62079918
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All − Inverse variance weighted
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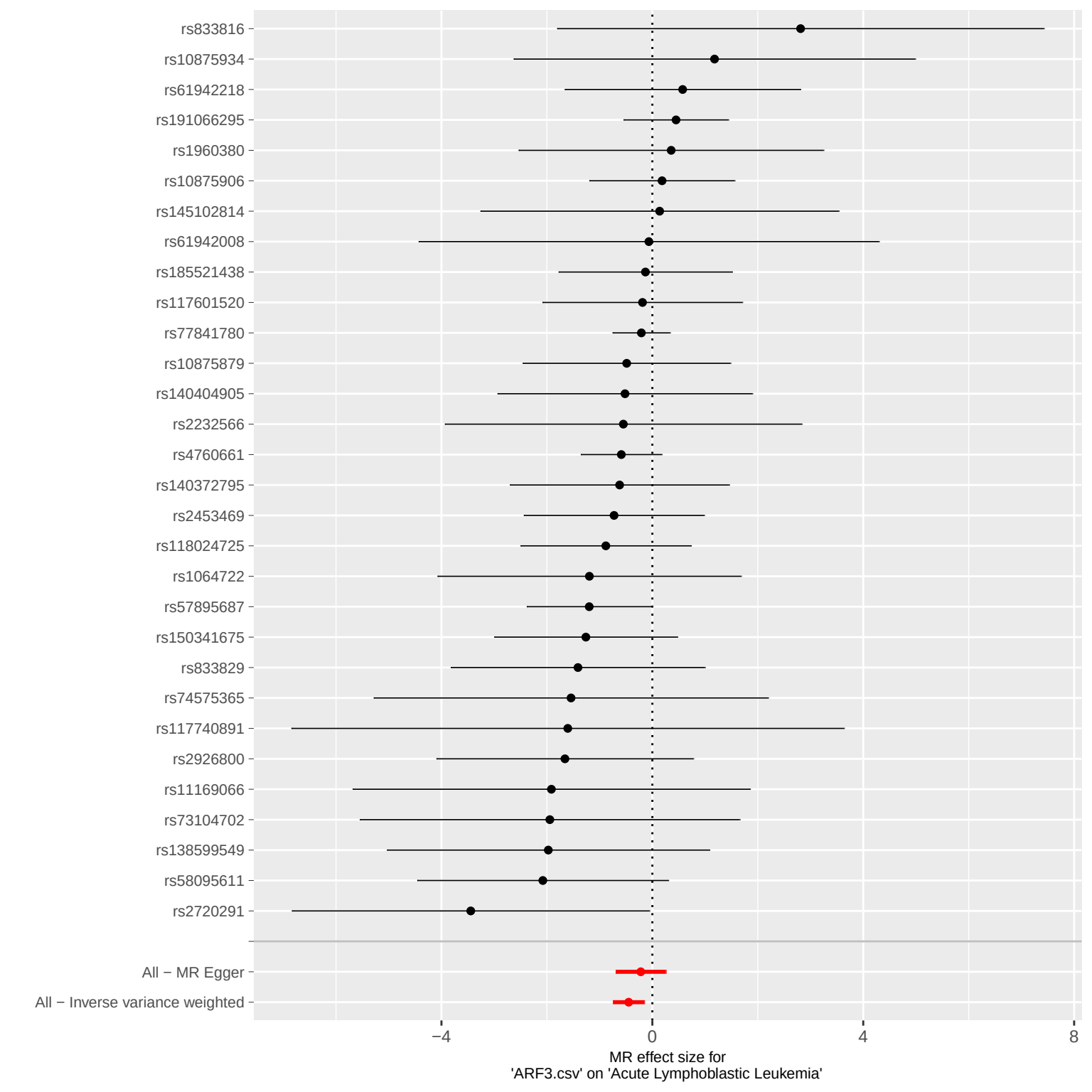
MR effect size for
'APCDD1.csv' on 'Acute Lymphoblastic Leukemia'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rs73104702
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All − Inverse variance weighted
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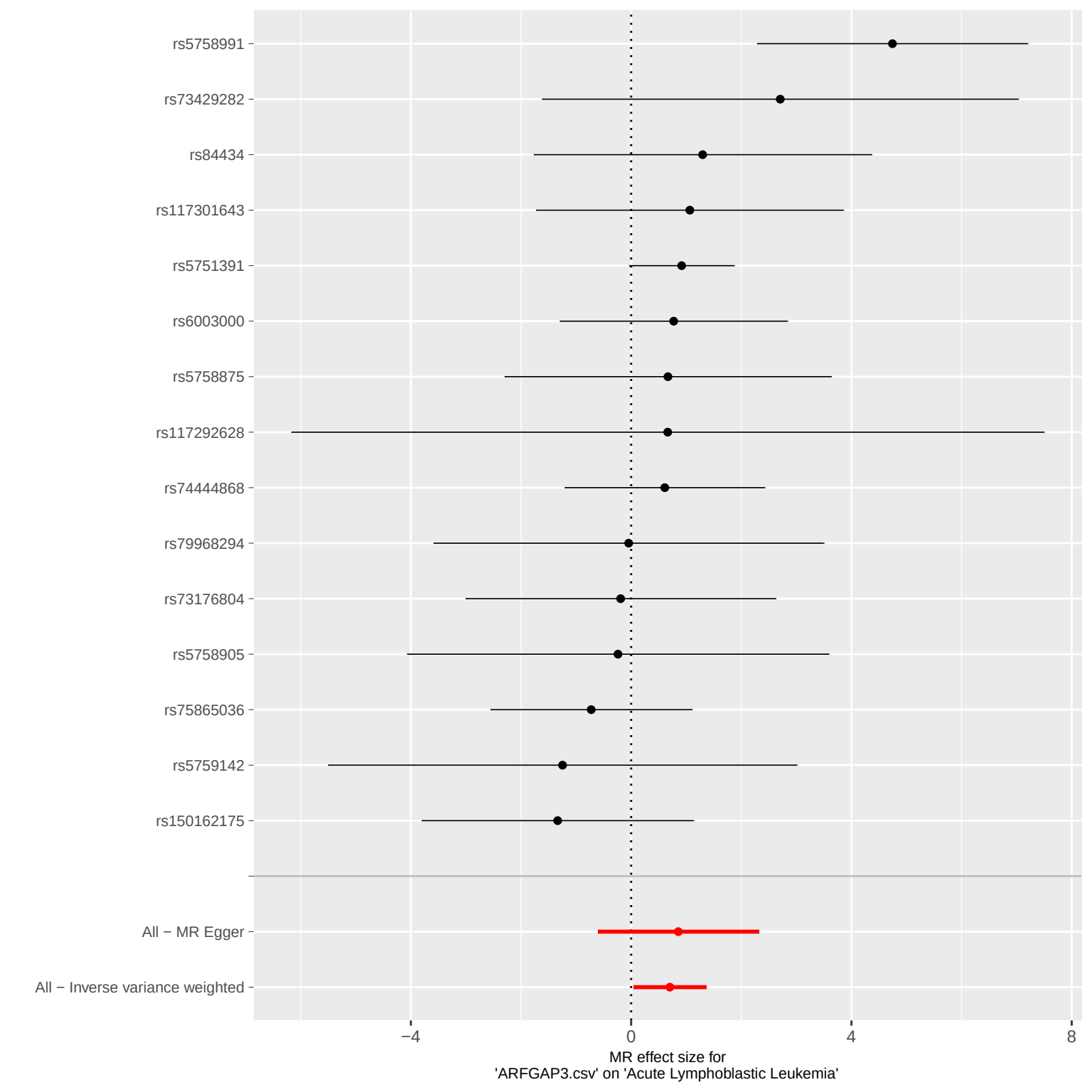
MR effect size for
'ARF3.csv' on 'Acute Lymphoblastic Leukemia'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rs75865036
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All − Inverse variance weighted
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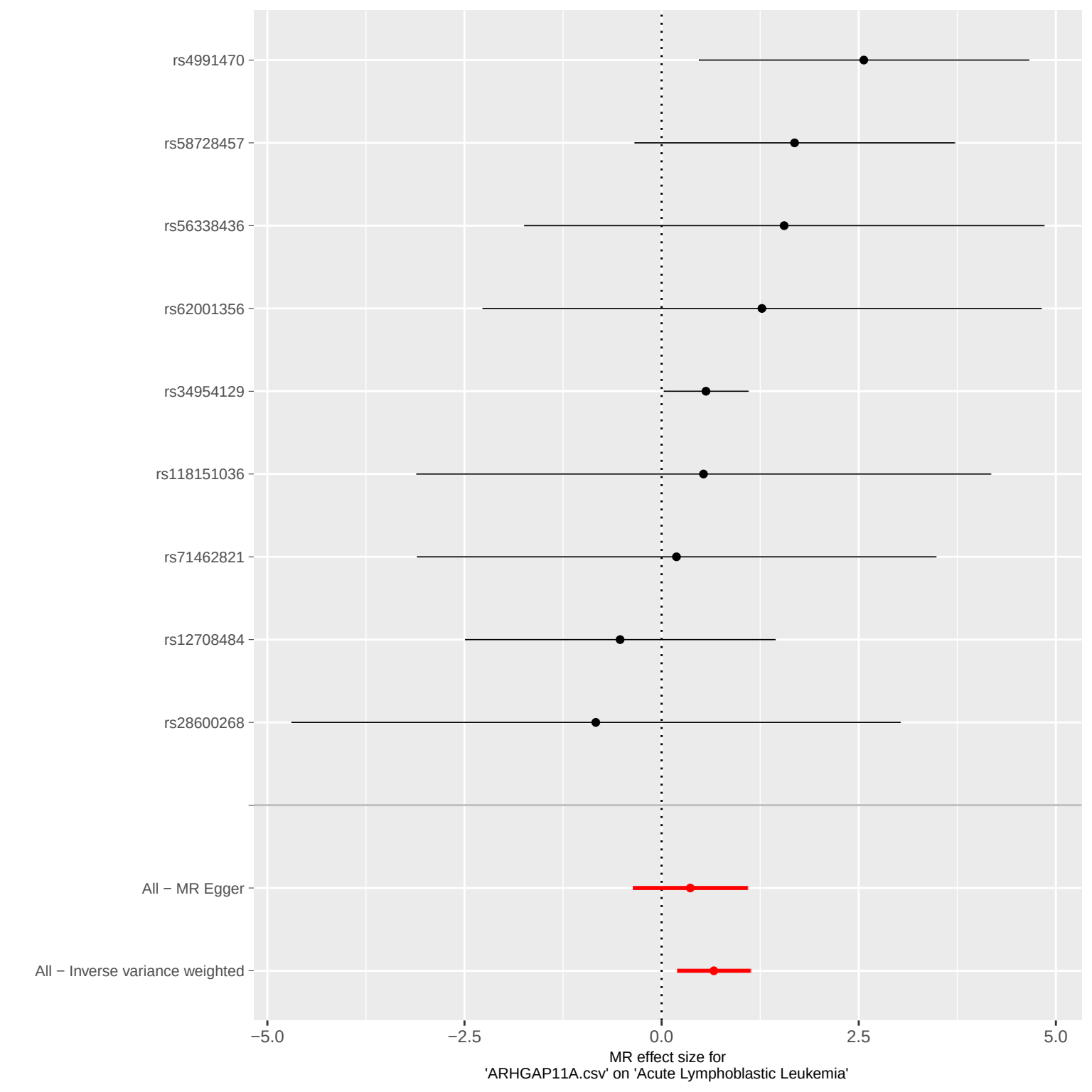
MR effect size for
'ARFGAP3.csv' on 'Acute Lymphoblastic Leukemia'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rs56338436
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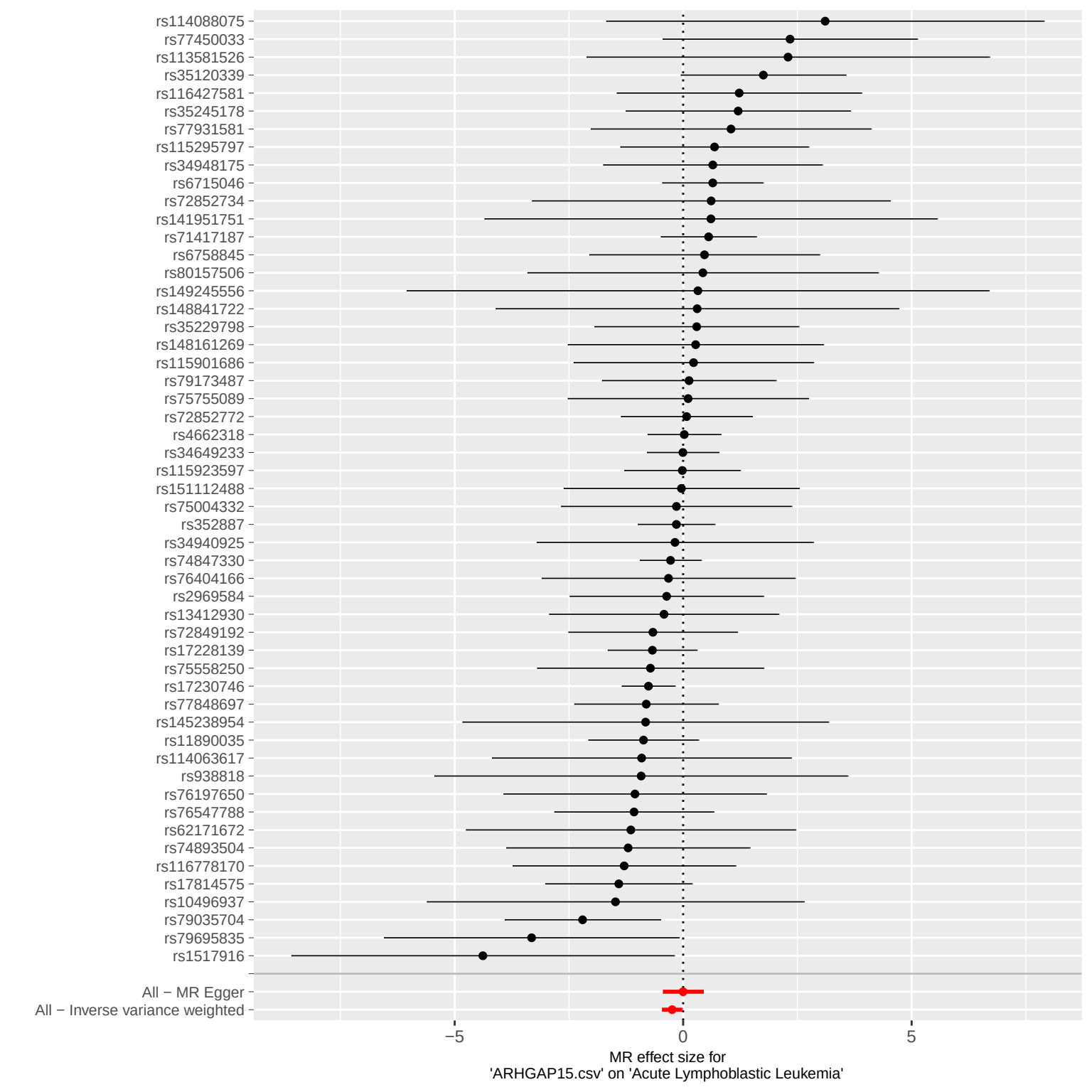
2.5
5.0
MR effect size for
'ARHGAP11A.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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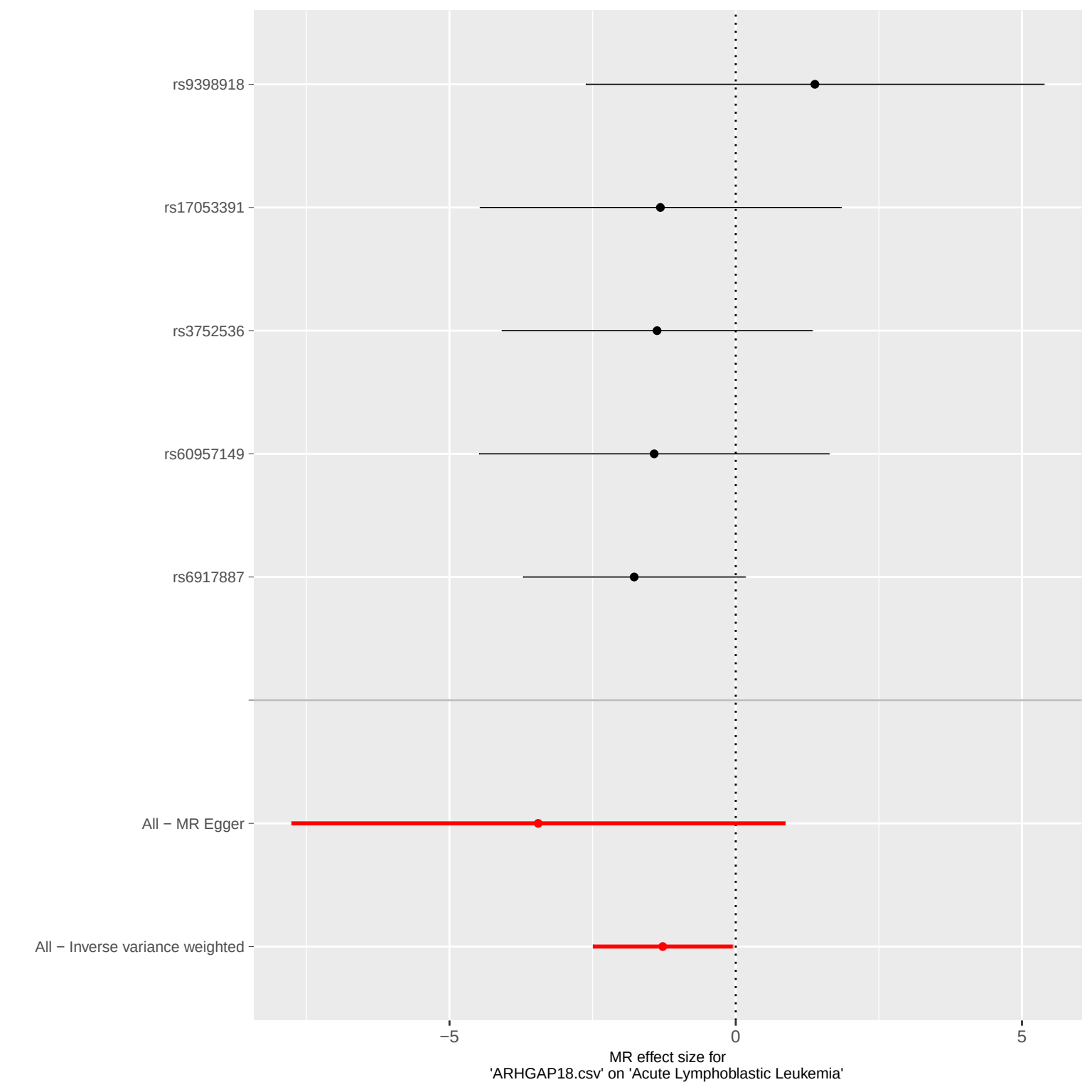
MR effect size for
'ARHGAP15.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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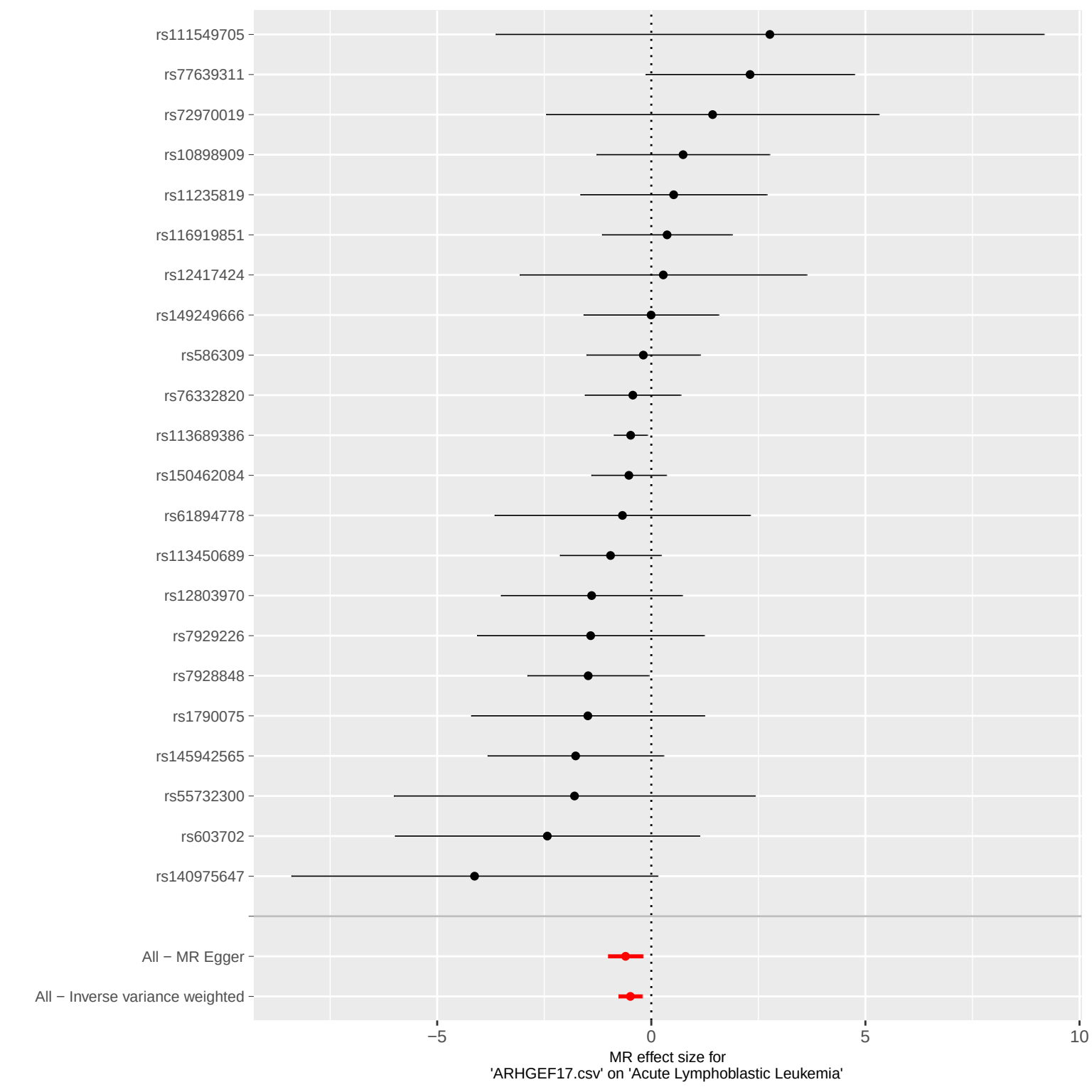
MR effect size for
'ARHGAP18.csv' on 'Acute Lymphoblastic Leukemia'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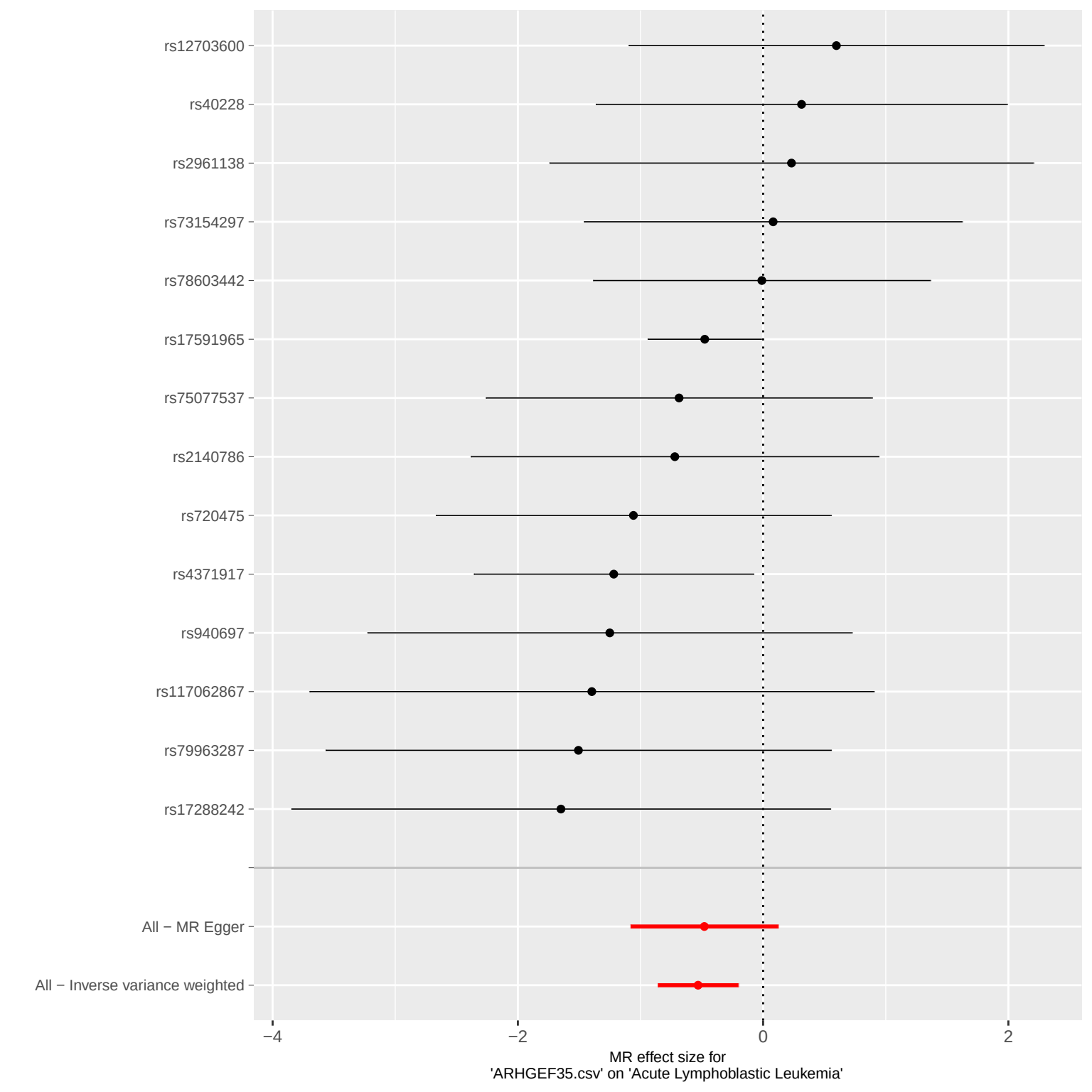
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rs117062867
rs79963287
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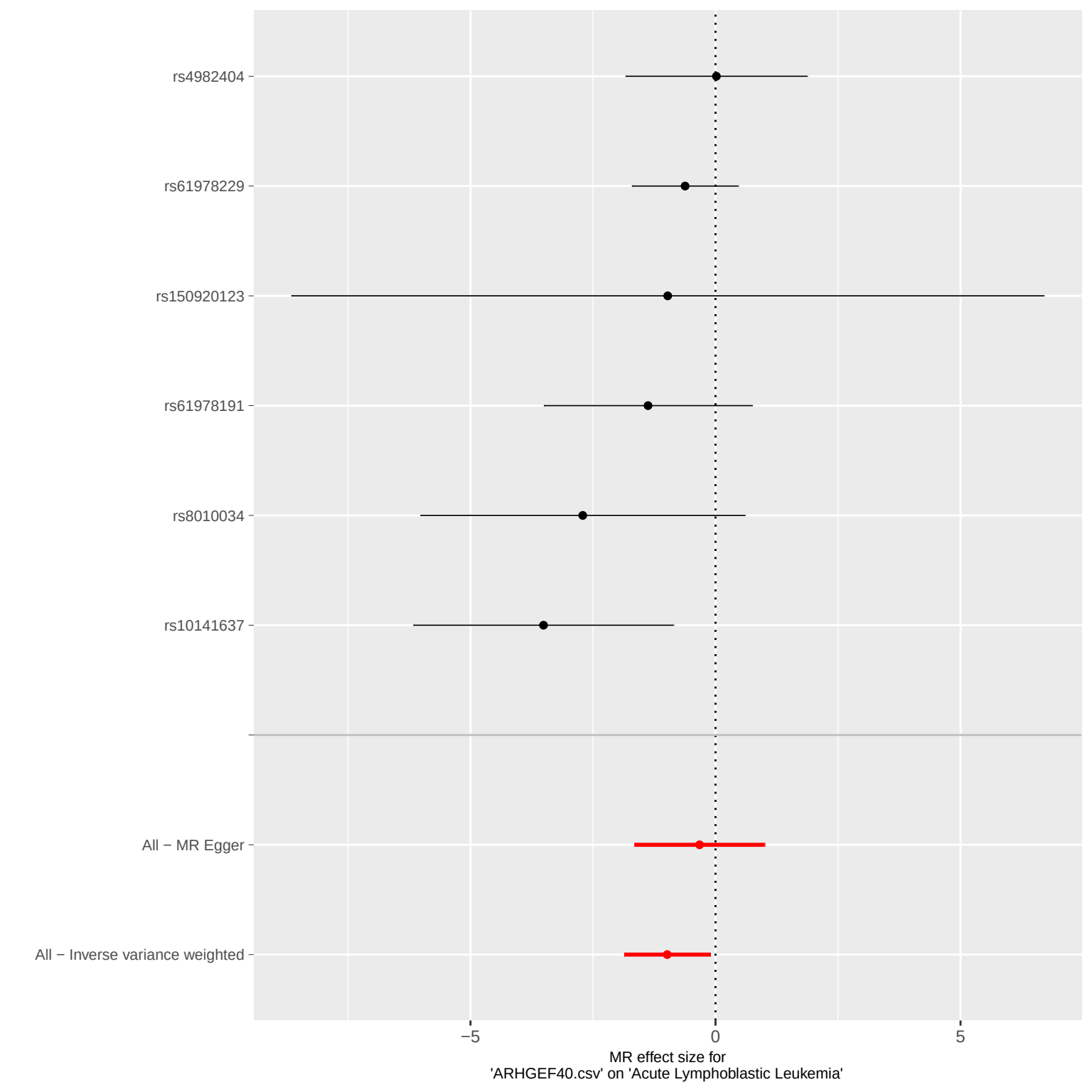
MR effect size for
'ARHGEF35.csv' on 'Acute Lymphoblastic Leukemia'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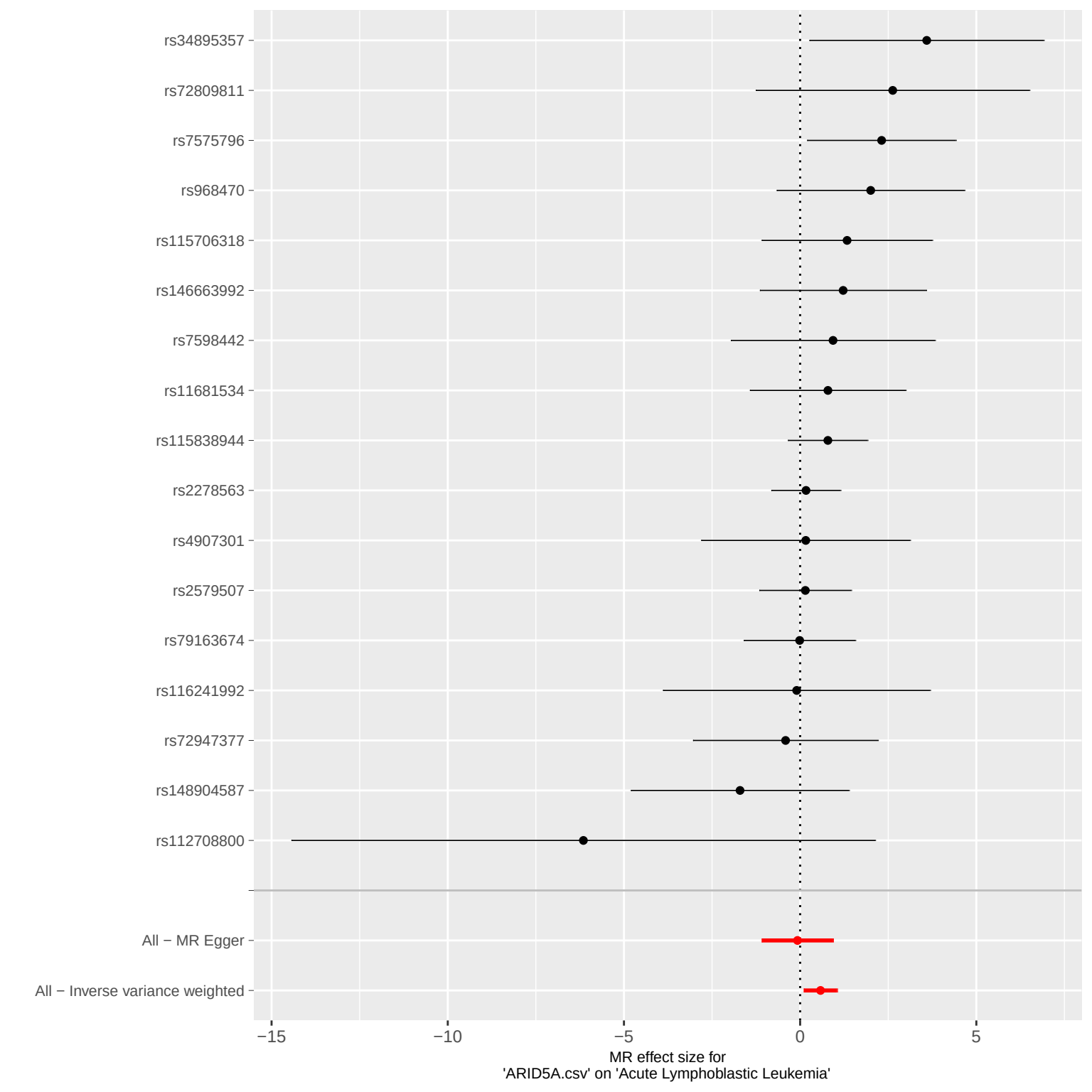
'ARHGEF40.csv' on 'Acute Lymphoblastic Leukemia'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rs72947377
rs148904587
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All − MR Egger
All − Inverse variance weighted
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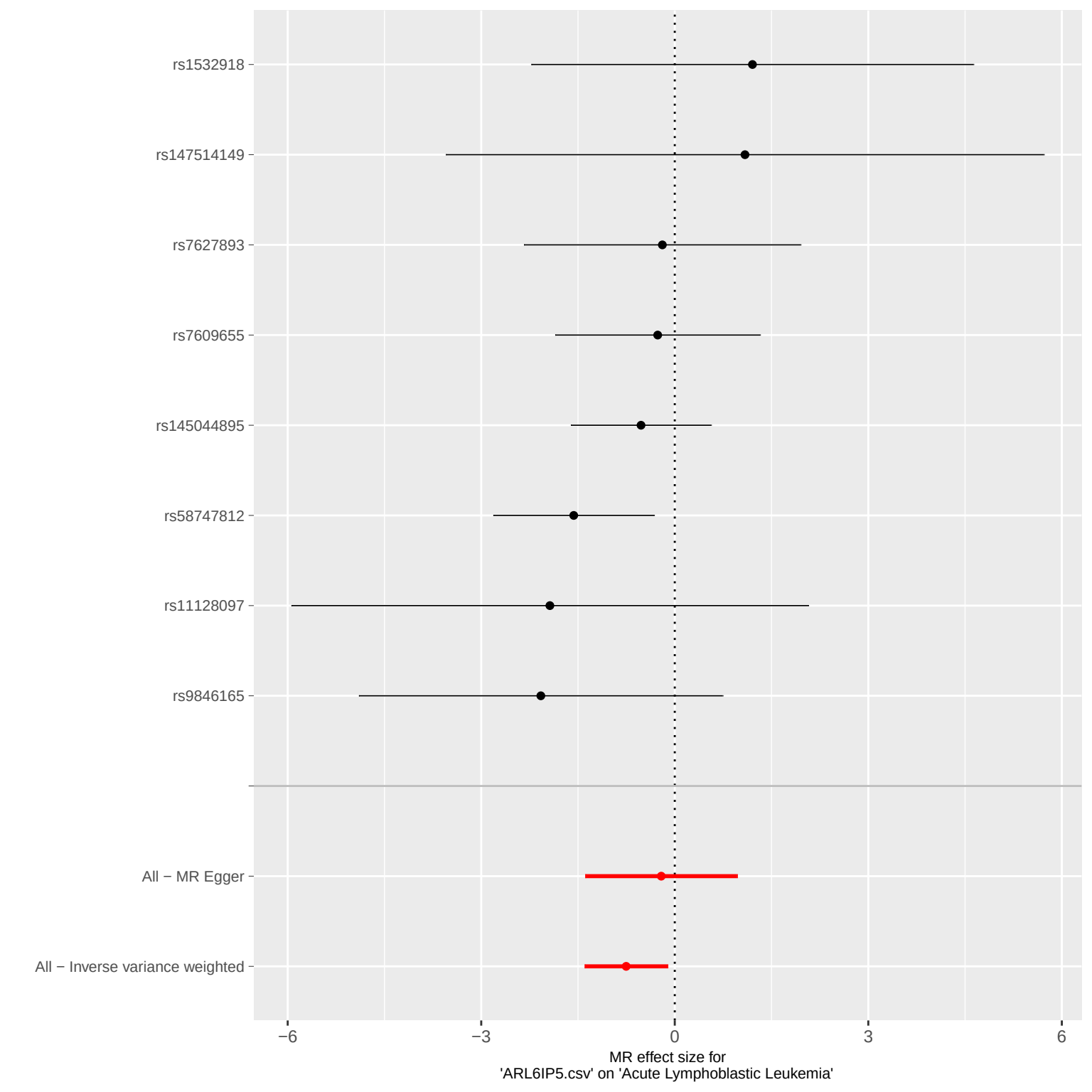
MR effect size for
'ARID5A.csv' on 'Acute Lymphoblastic Leukemia'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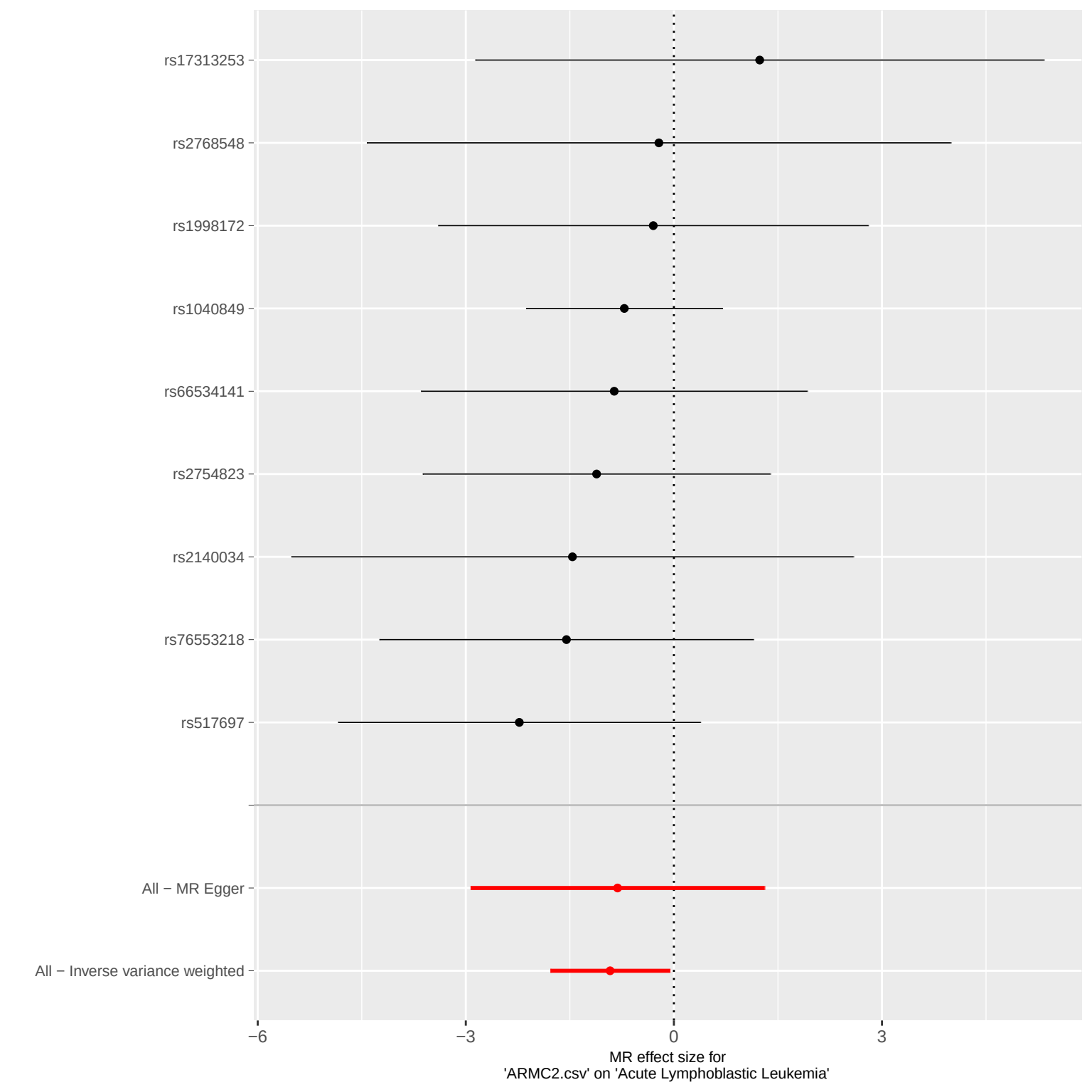
'ARL6IP5.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−6
−3
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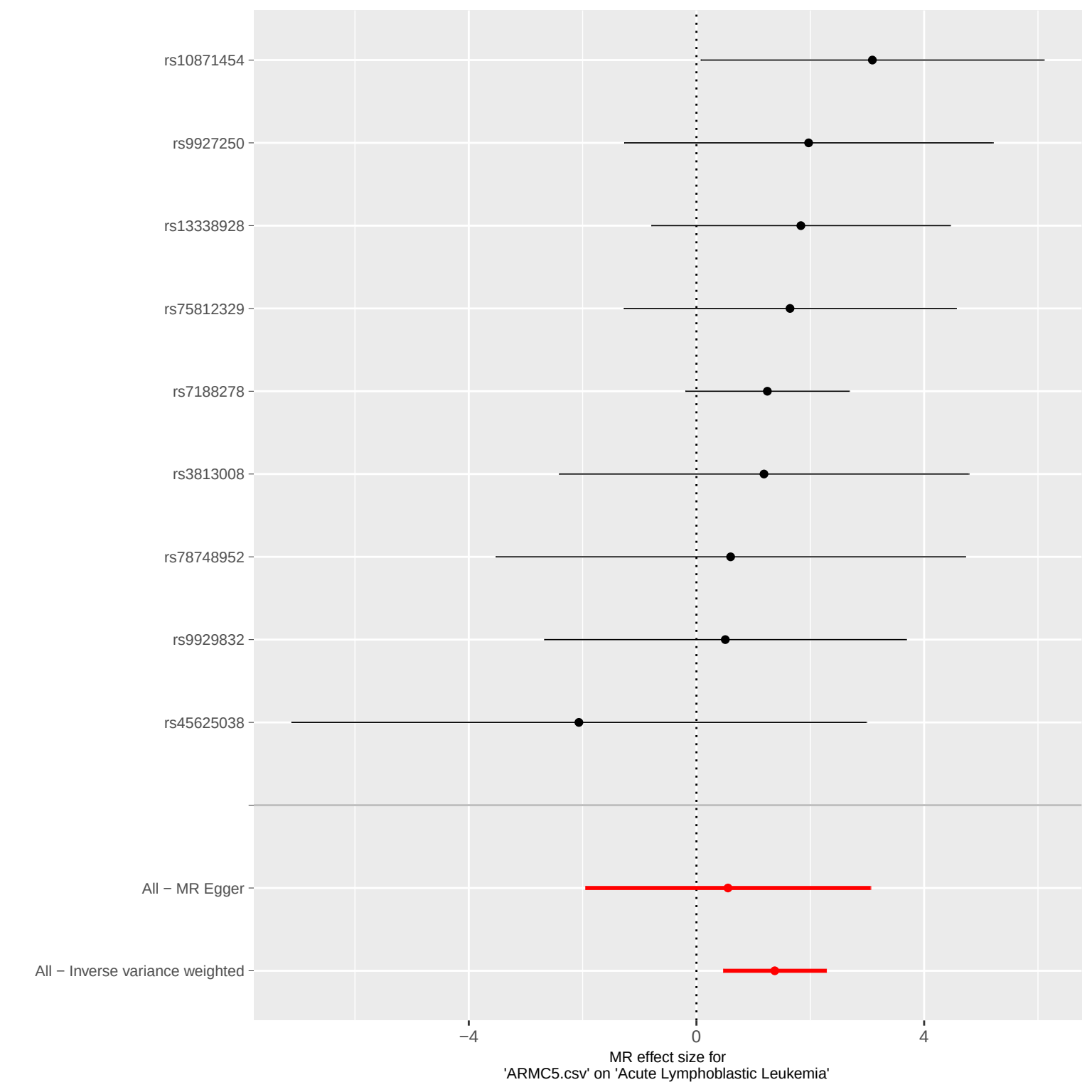
MR effect size for
'ARMC2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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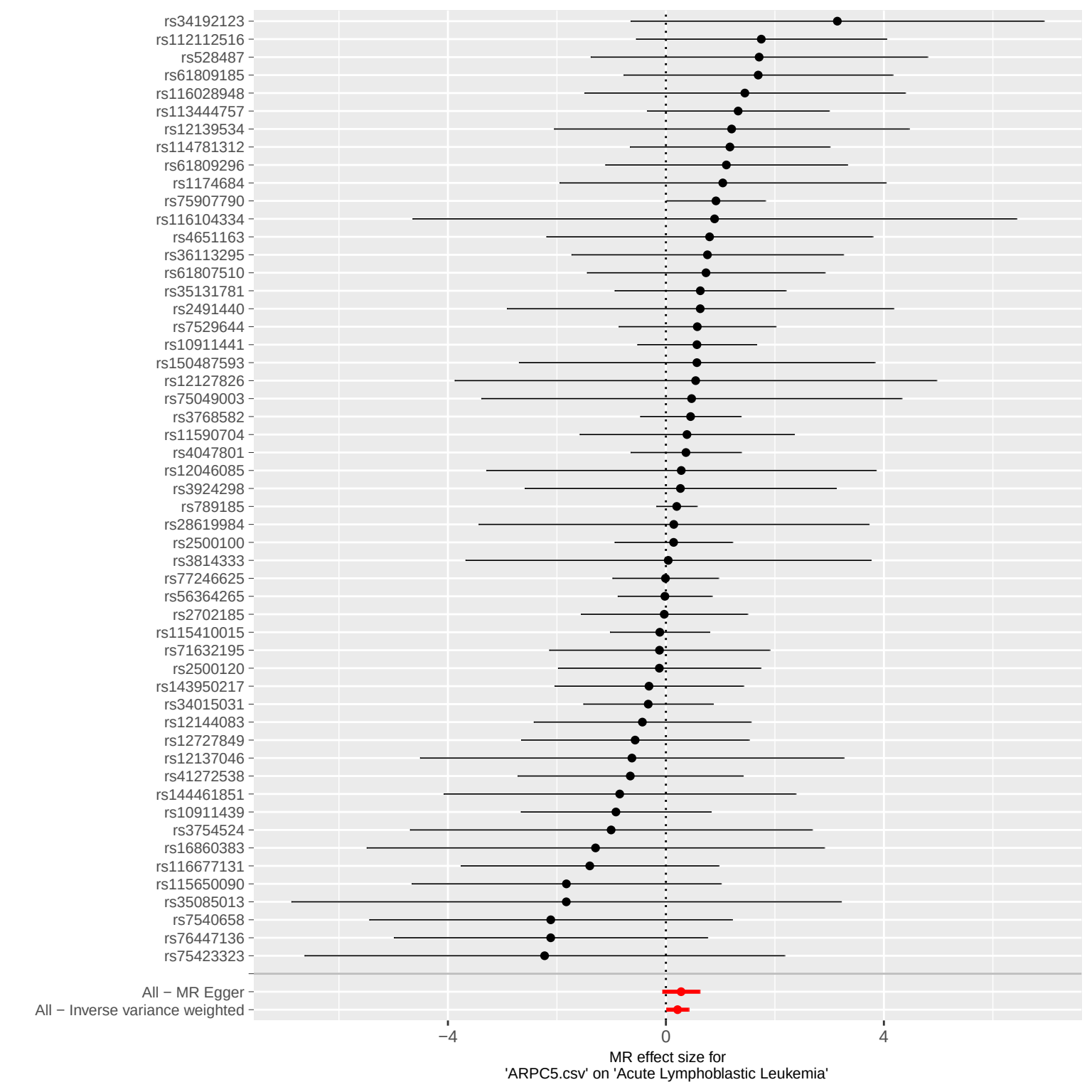
MR effect size for
'ARMC5.csv' on 'Acute Lymphoblastic Leukemia'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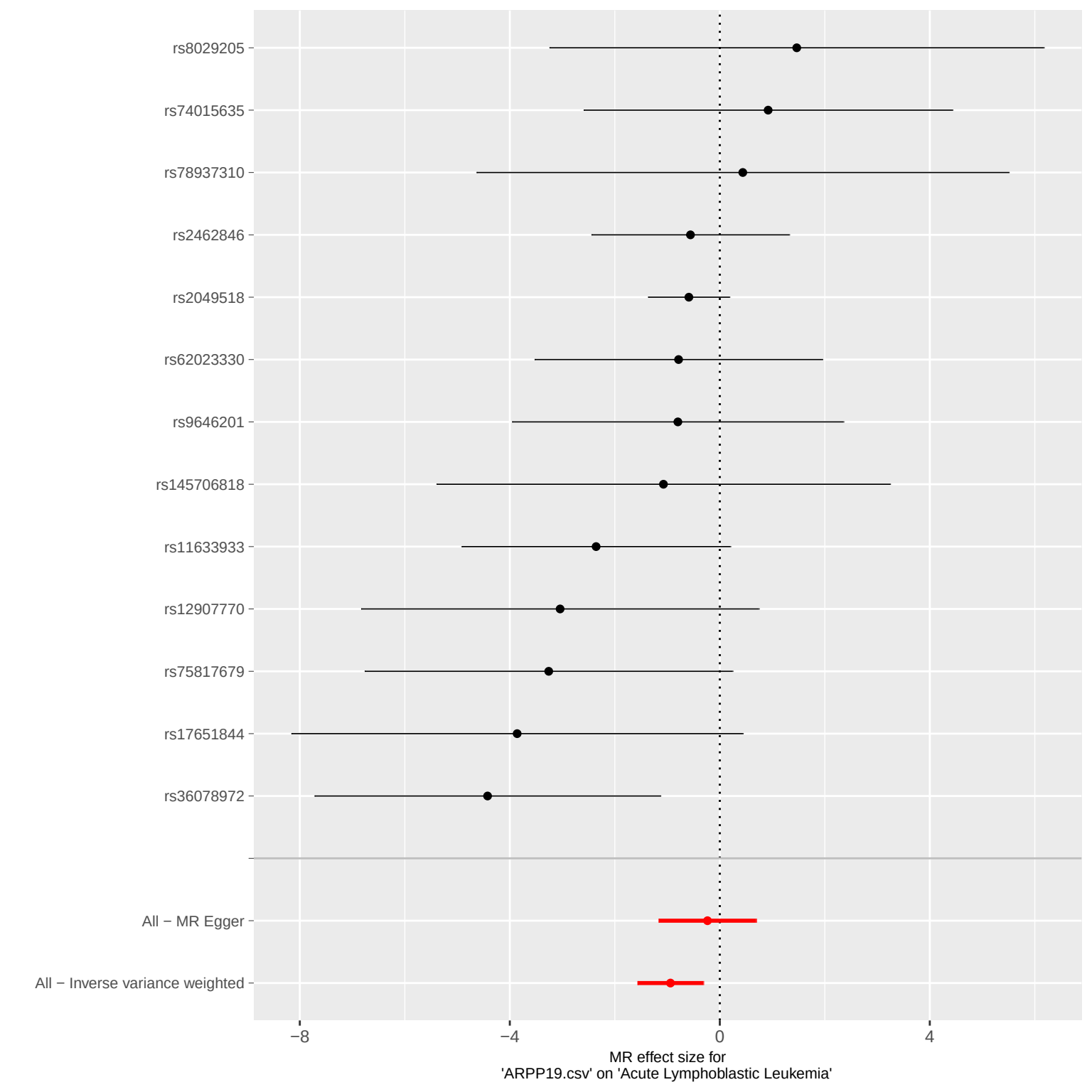
MR effect size for
'ARPC5.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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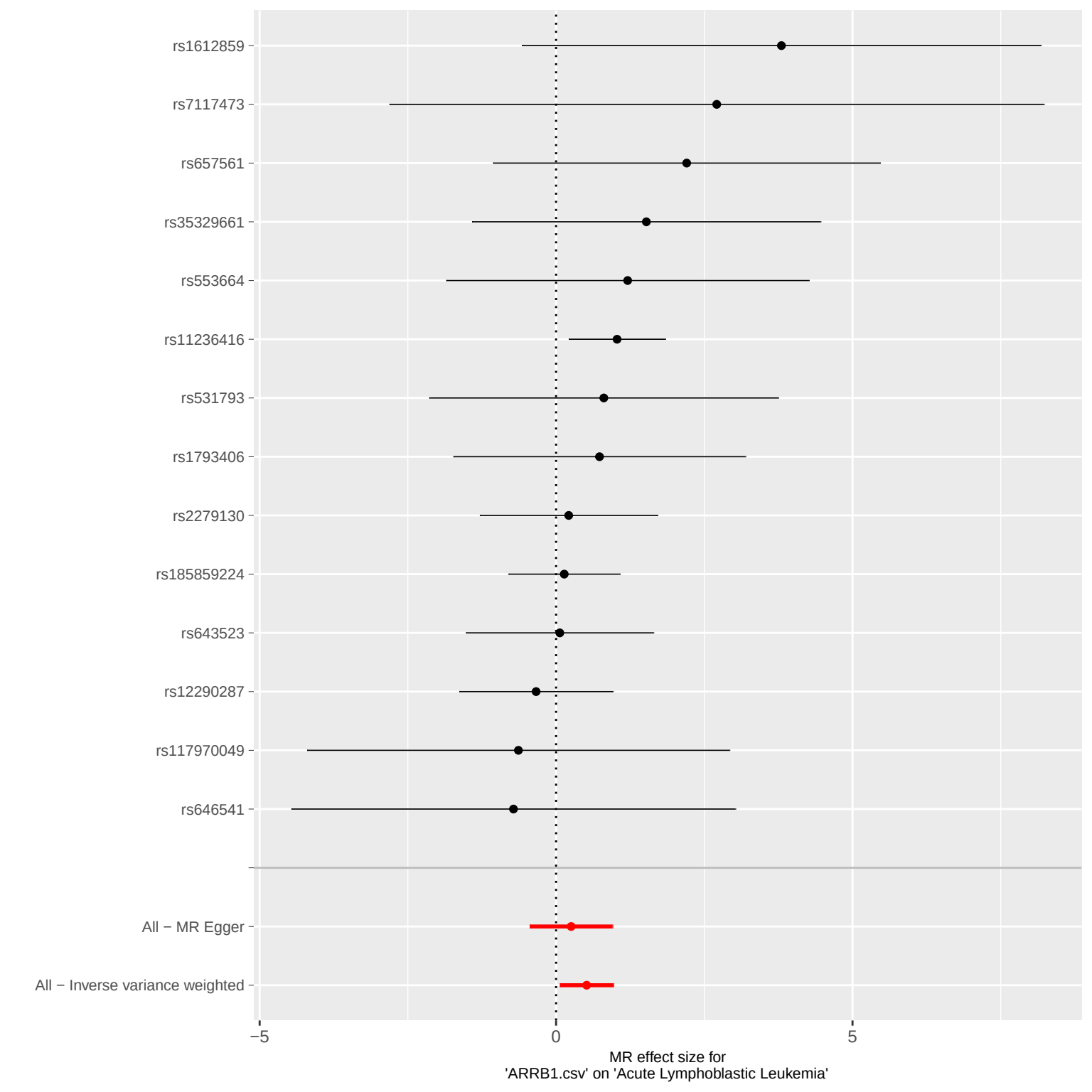
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All − MR Egger
All − Inverse variance weighted
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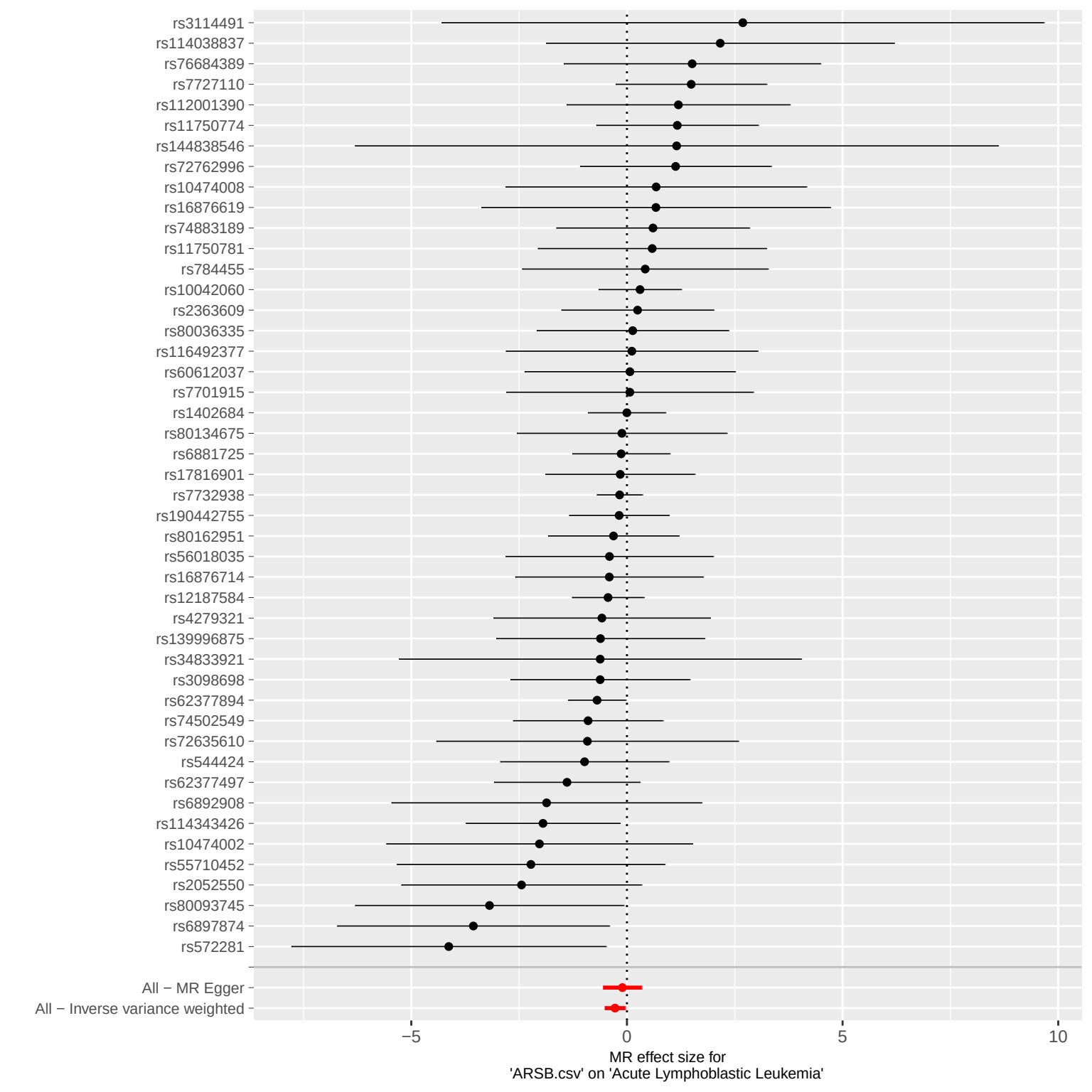
MR effect size for
'ARRB1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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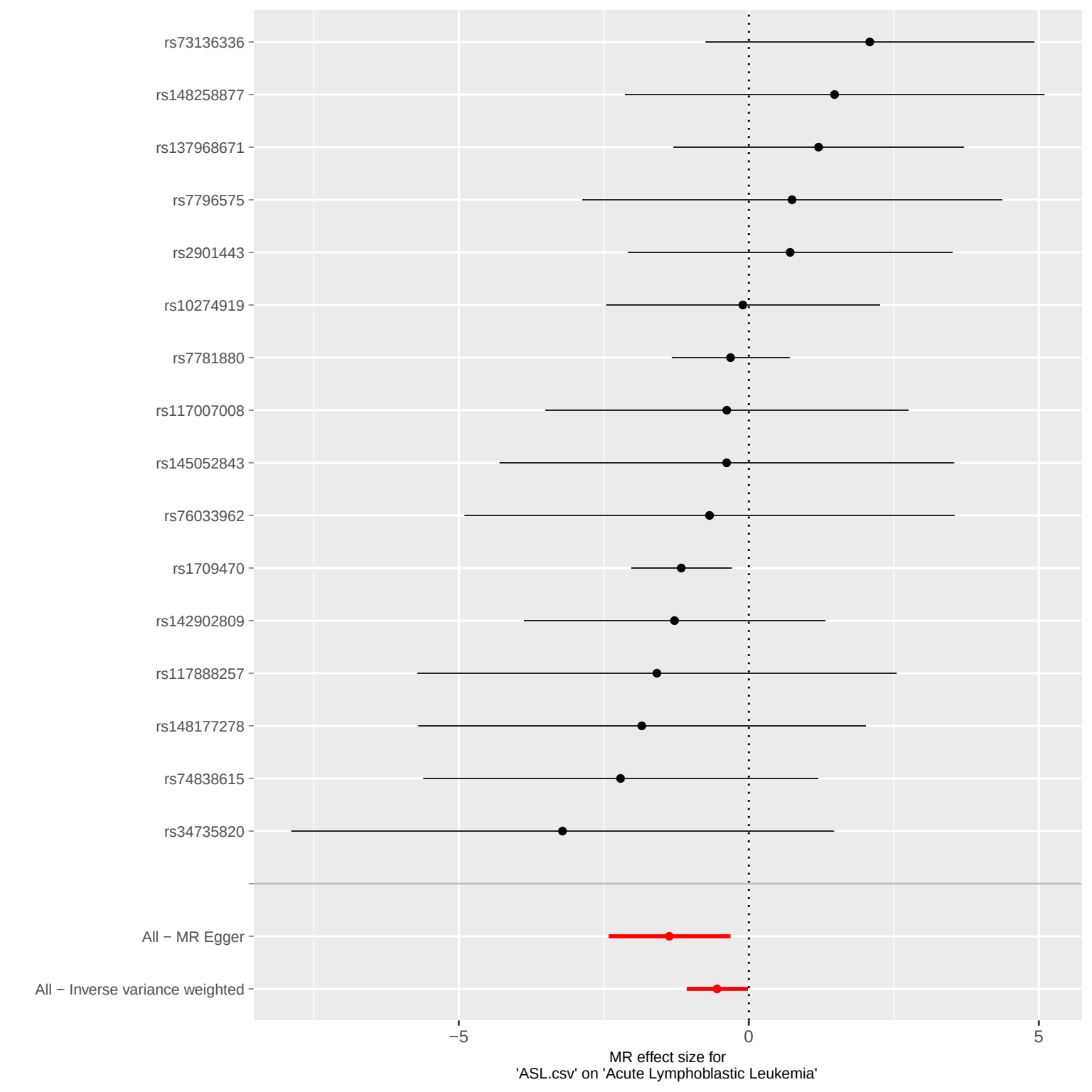
MR effect size for
'ARSB.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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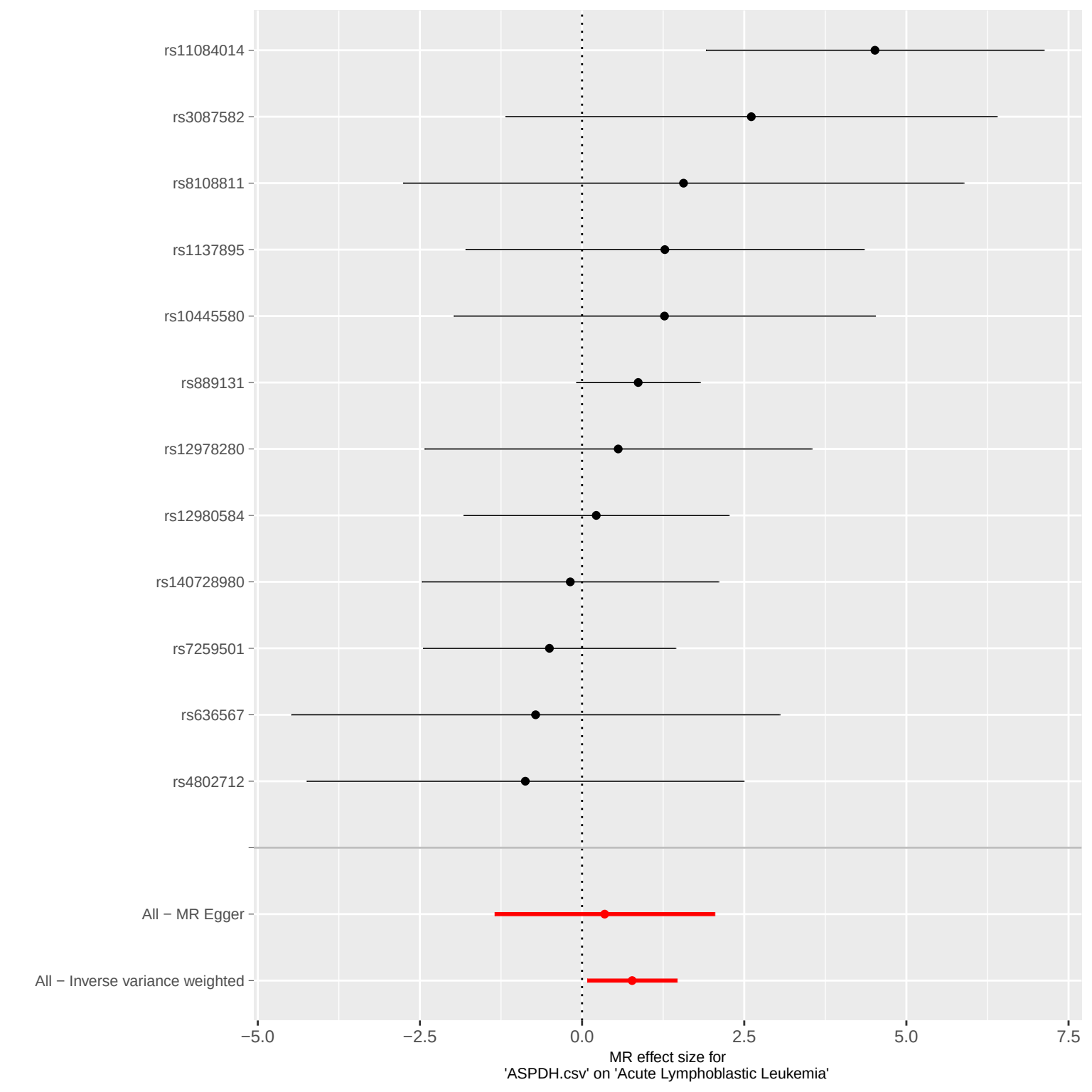
MR effect size for
'ASL.csv' on 'Acute Lymphoblastic Leukemia'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rs140728980
rs7259501
rs636567
rs4802712
All − MR Egger
All − Inverse variance weighted
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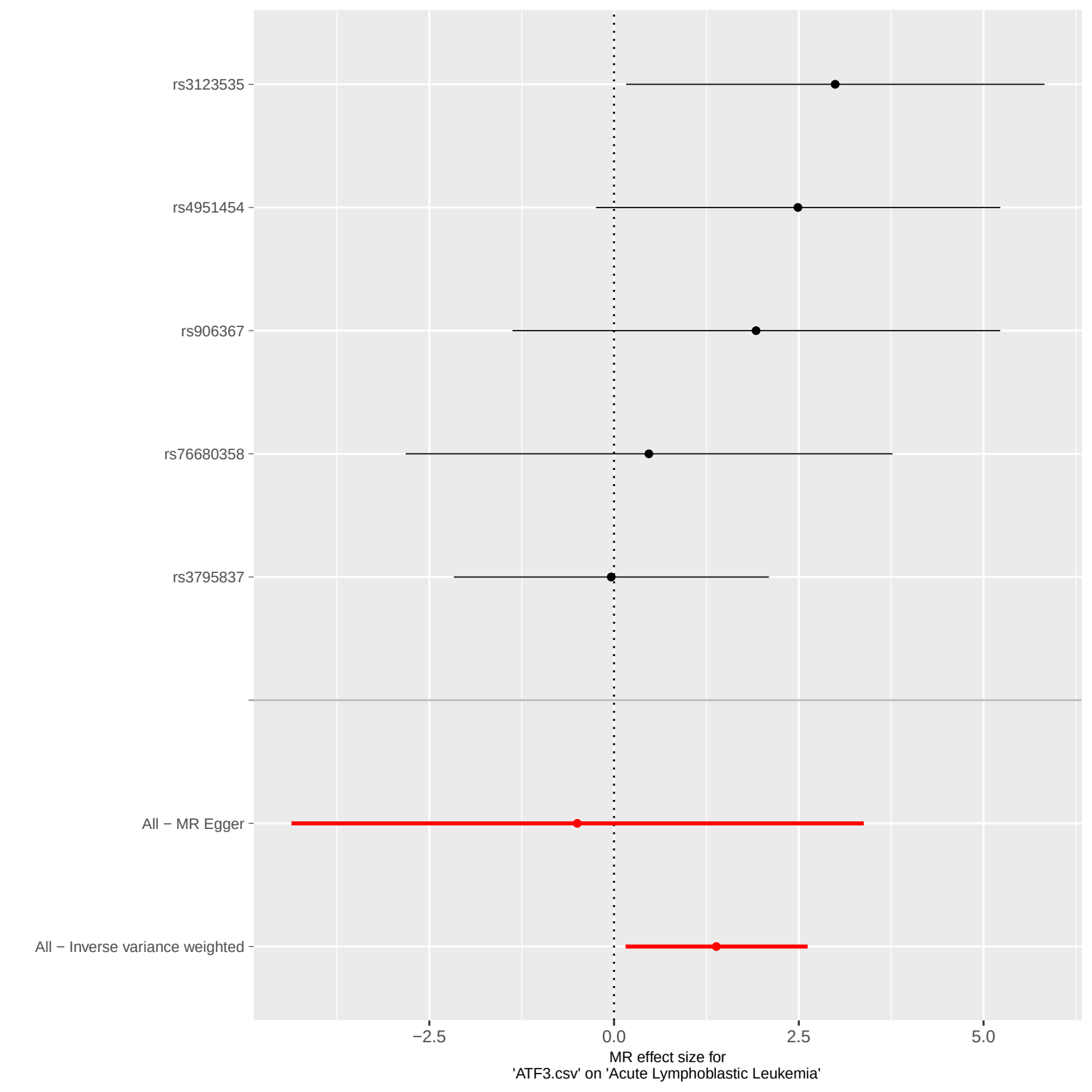
0.0
2.5
5.0
7.5
MR effect size for
'ASPDH.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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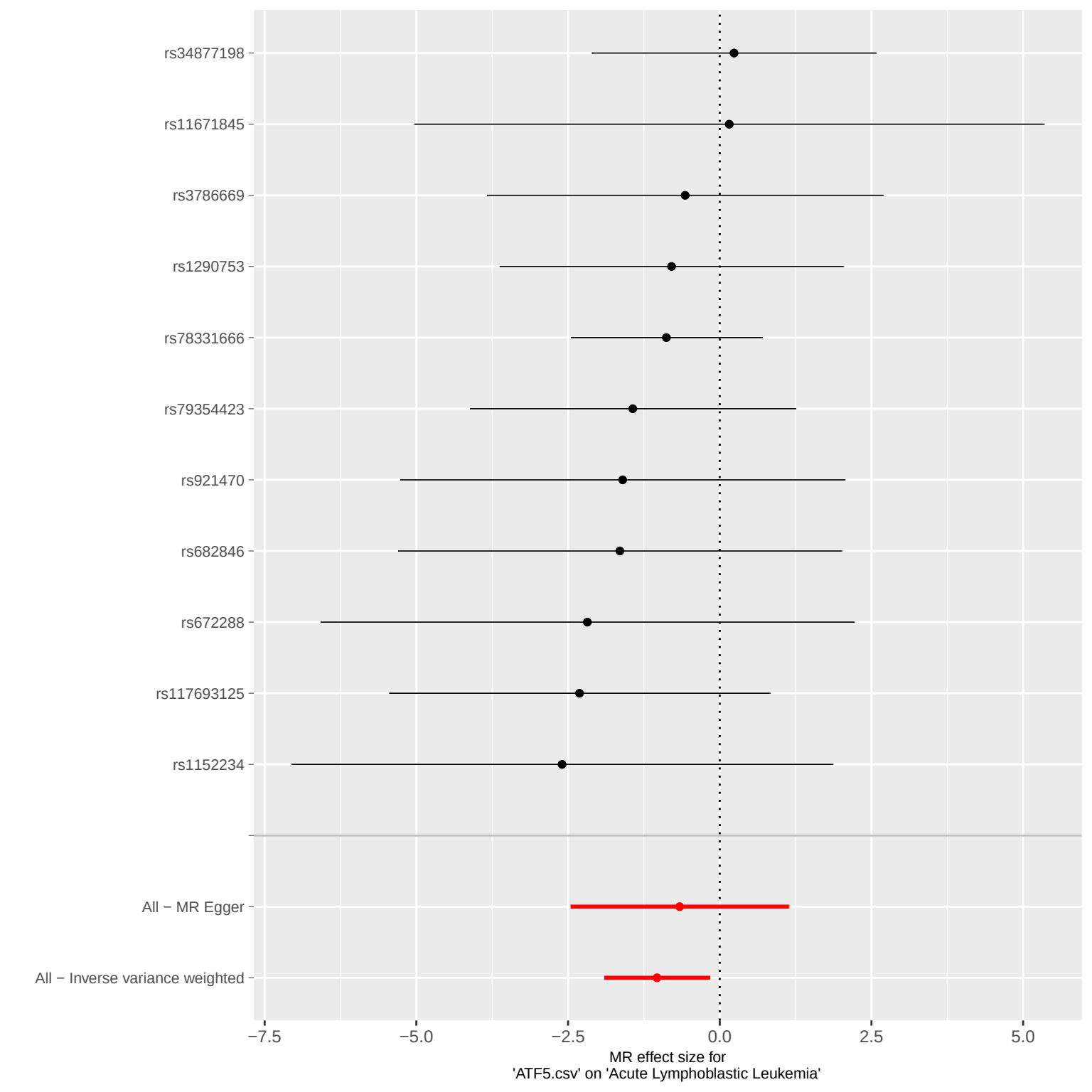
2.5
5.0
MR effect size for
'ATF3.csv' on 'Acute Lymphoblastic Leukemia'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rs921470
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rs1152234
All − MR Egger
All − Inverse variance weighted
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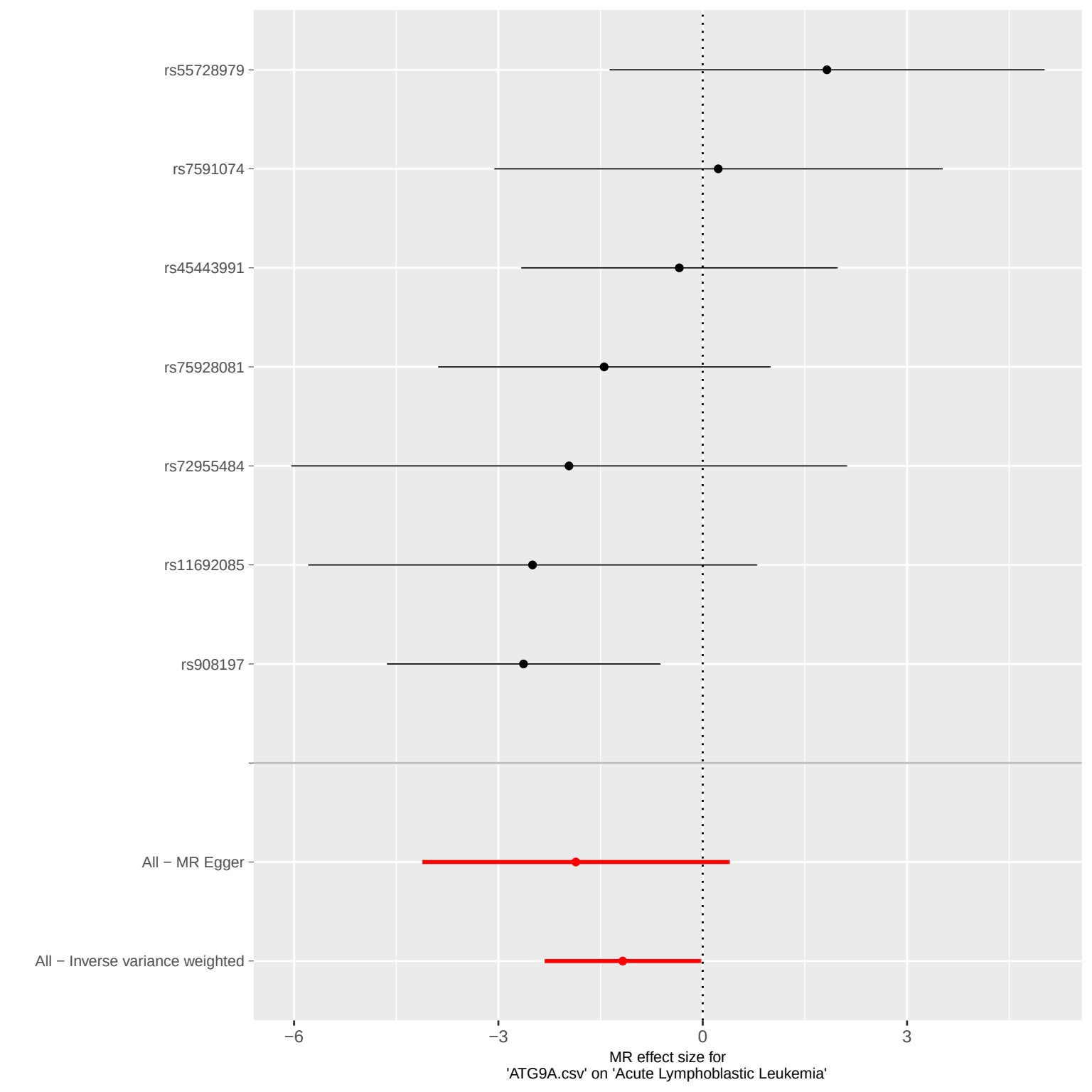
−2.5
0.0
2.5
5.0
MR effect size for
'ATF5.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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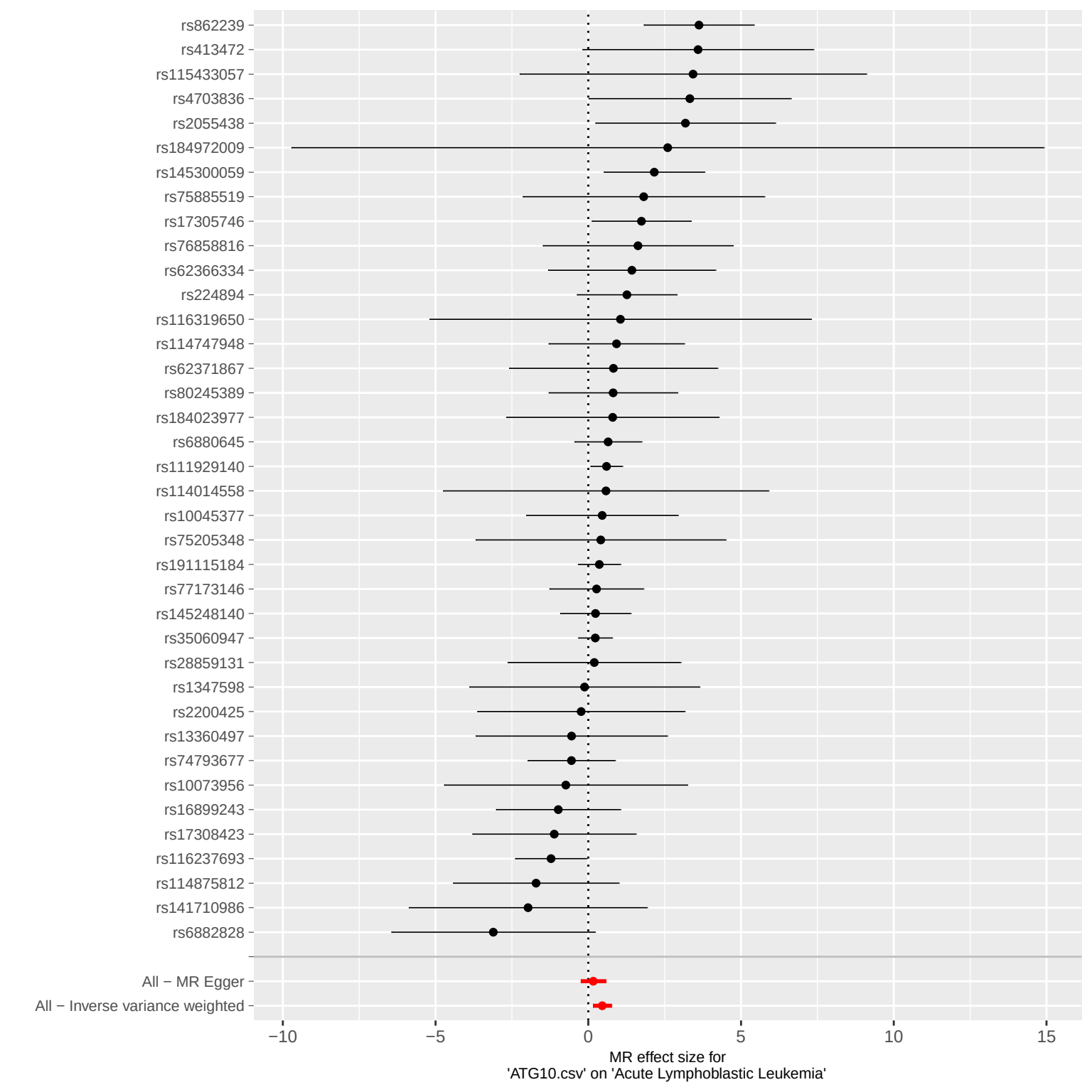
−3
0
3
MR effect size for
'ATG9A.csv' on 'Acute Lymphoblastic Leukemia'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rs17308423
rs116237693
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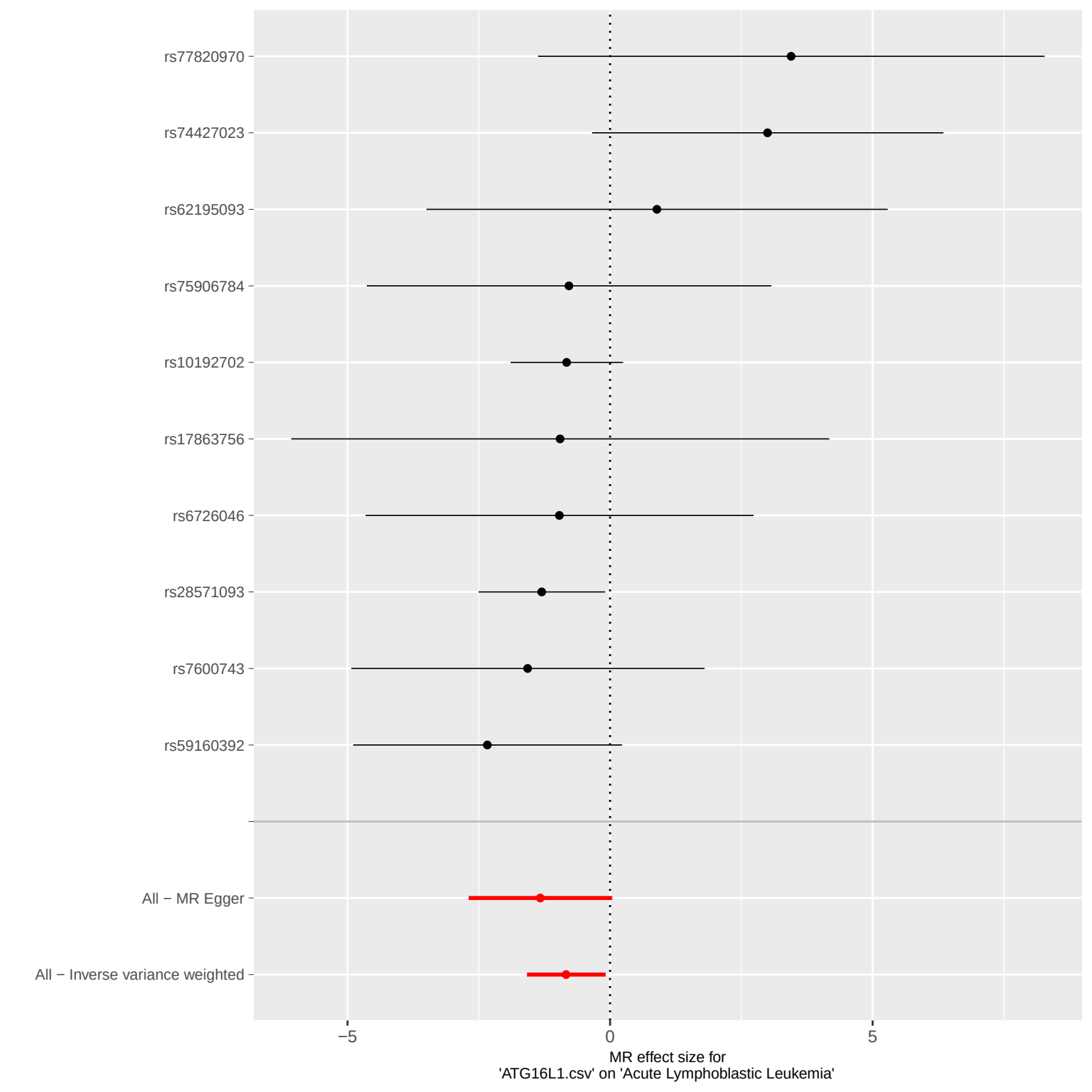
rs6882828
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
15
MR effect size for
'ATG10.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−5
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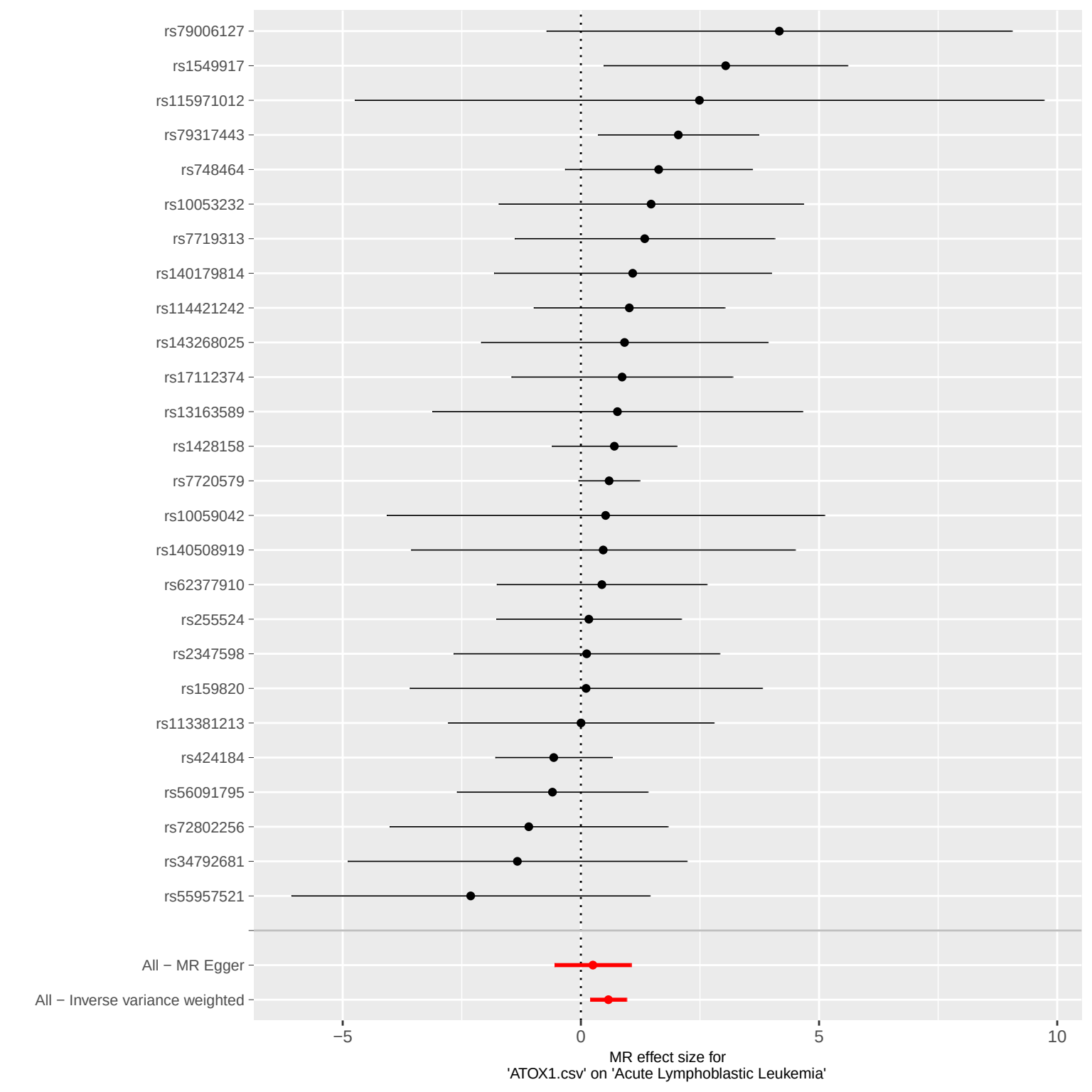
5
MR effect size for
'ATG16L1.csv' on 'Acute Lymphoblastic Leukemia'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rs7720579
rs10059042
rs140508919
rs62377910
rs255524
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rs159820
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rs424184
rs56091795
rs72802256
rs34792681
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All − Inverse variance weighted
−5
0
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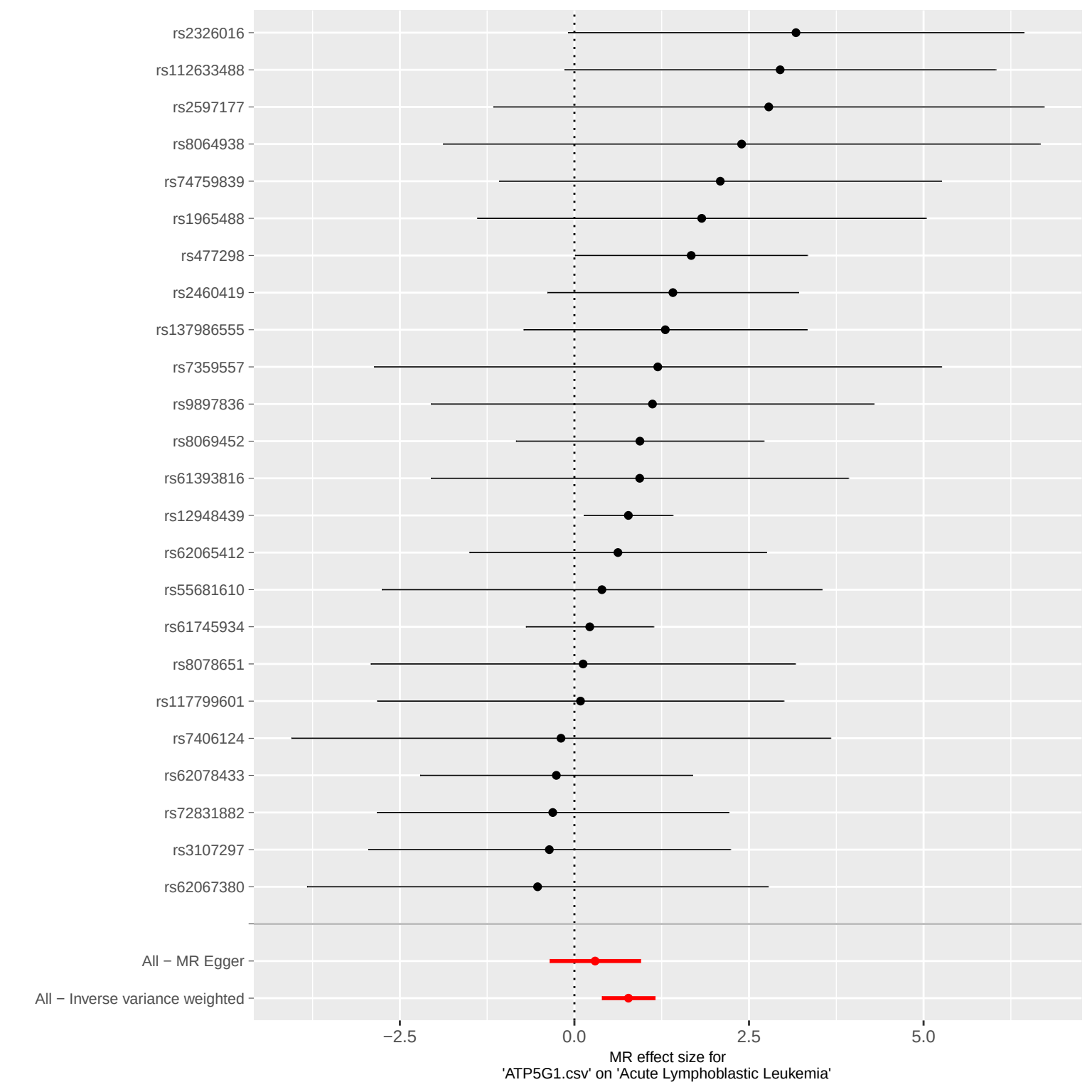
MR effect size for
'ATOX1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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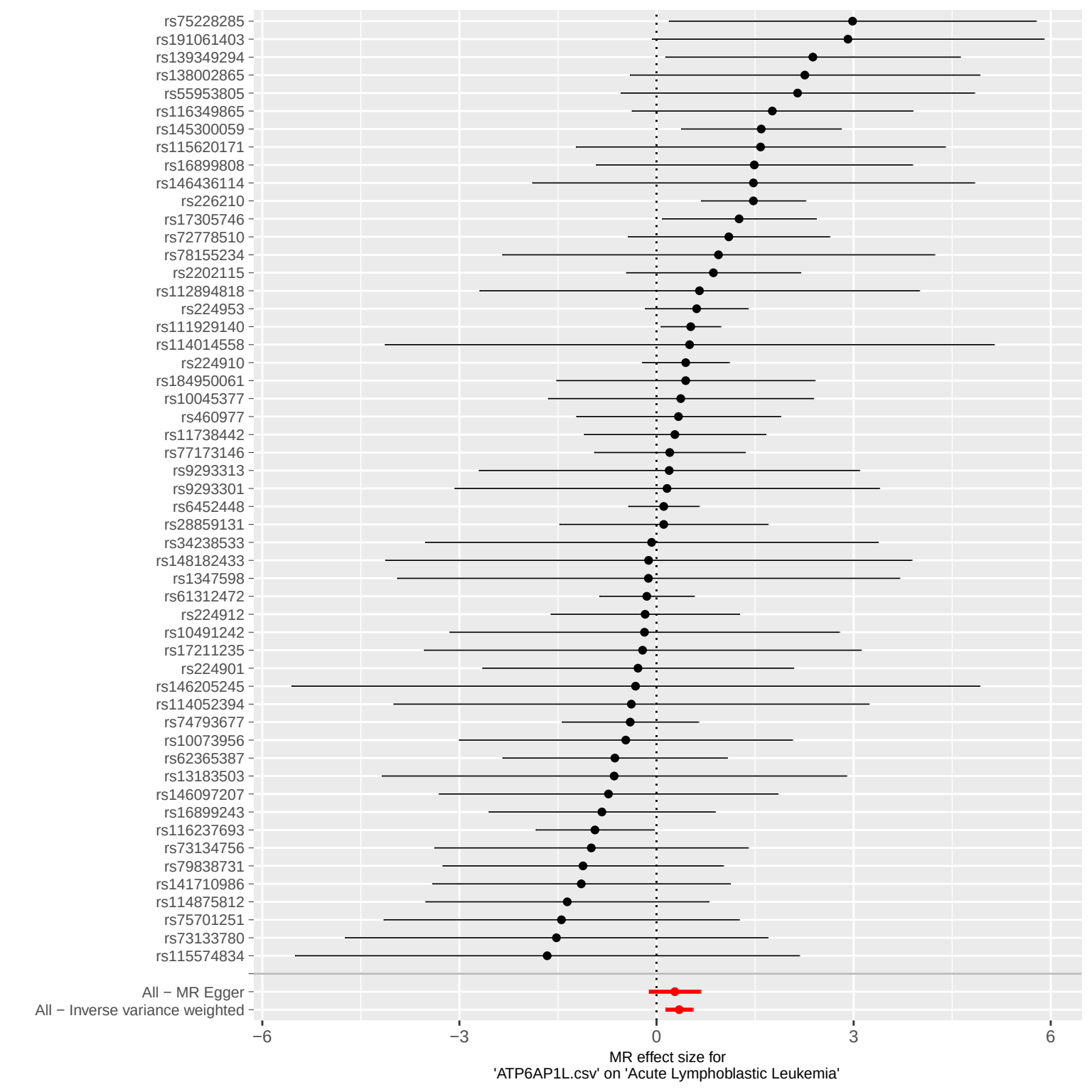
2.5
5.0
MR effect size for
'ATP5G1.csv' on 'Acute Lymphoblastic Leukemia'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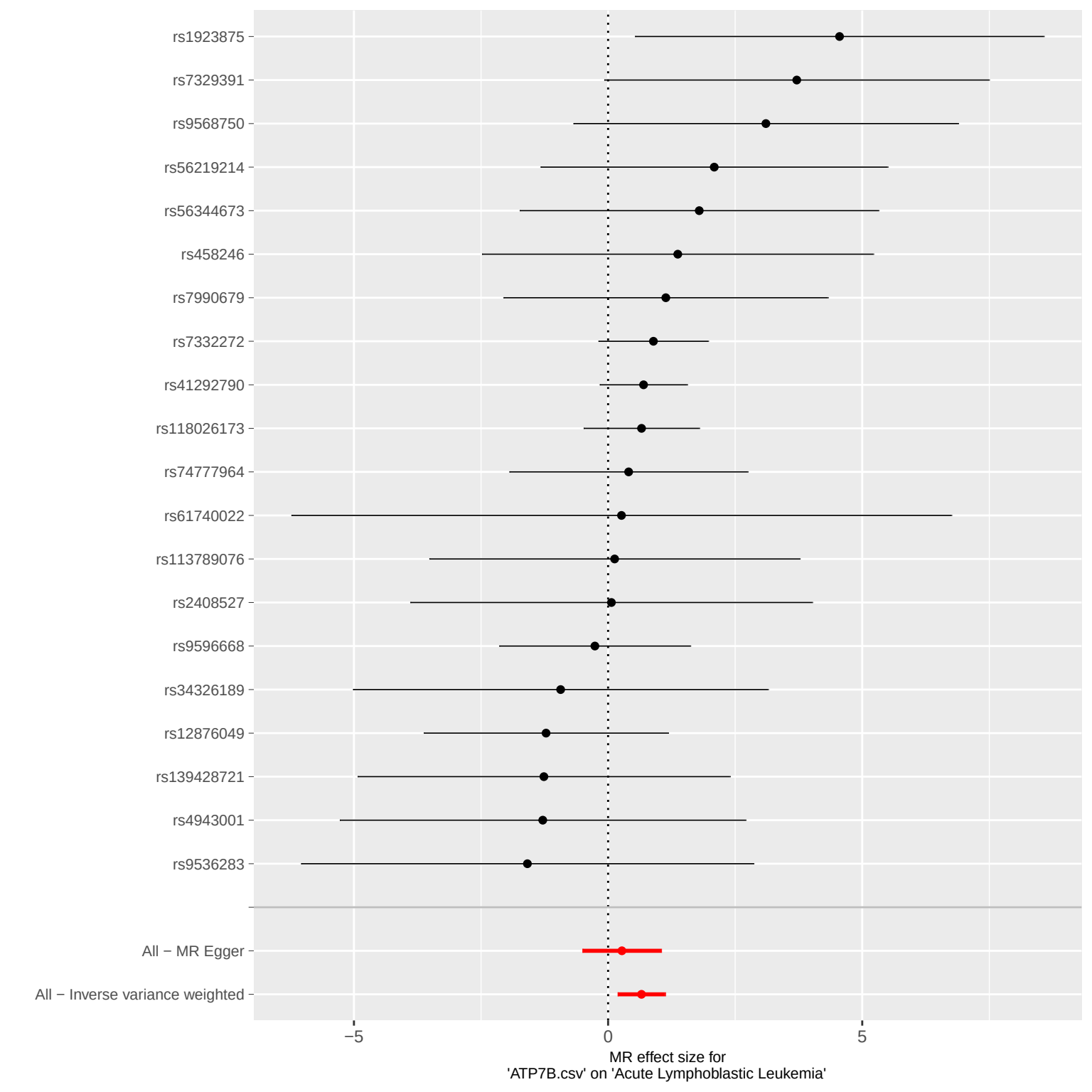
rs115574834
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ATP6AP1L.csv' on 'Acute Lymphoblastic Leukemia'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rs34326189
rs12876049
rs139428721
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All − MR Egger
All − Inverse variance weighted
−5
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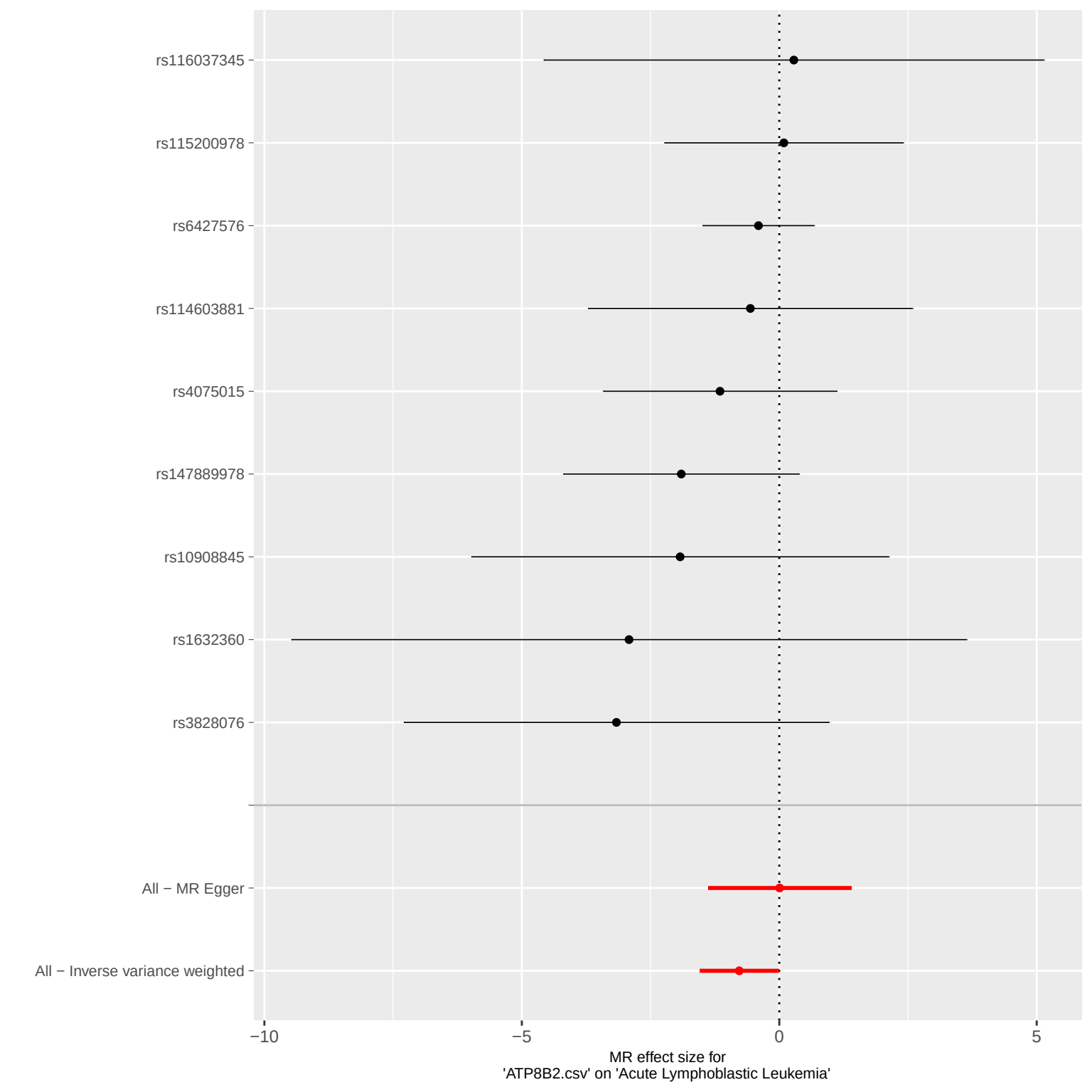
5
MR effect size for
'ATP7B.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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−5
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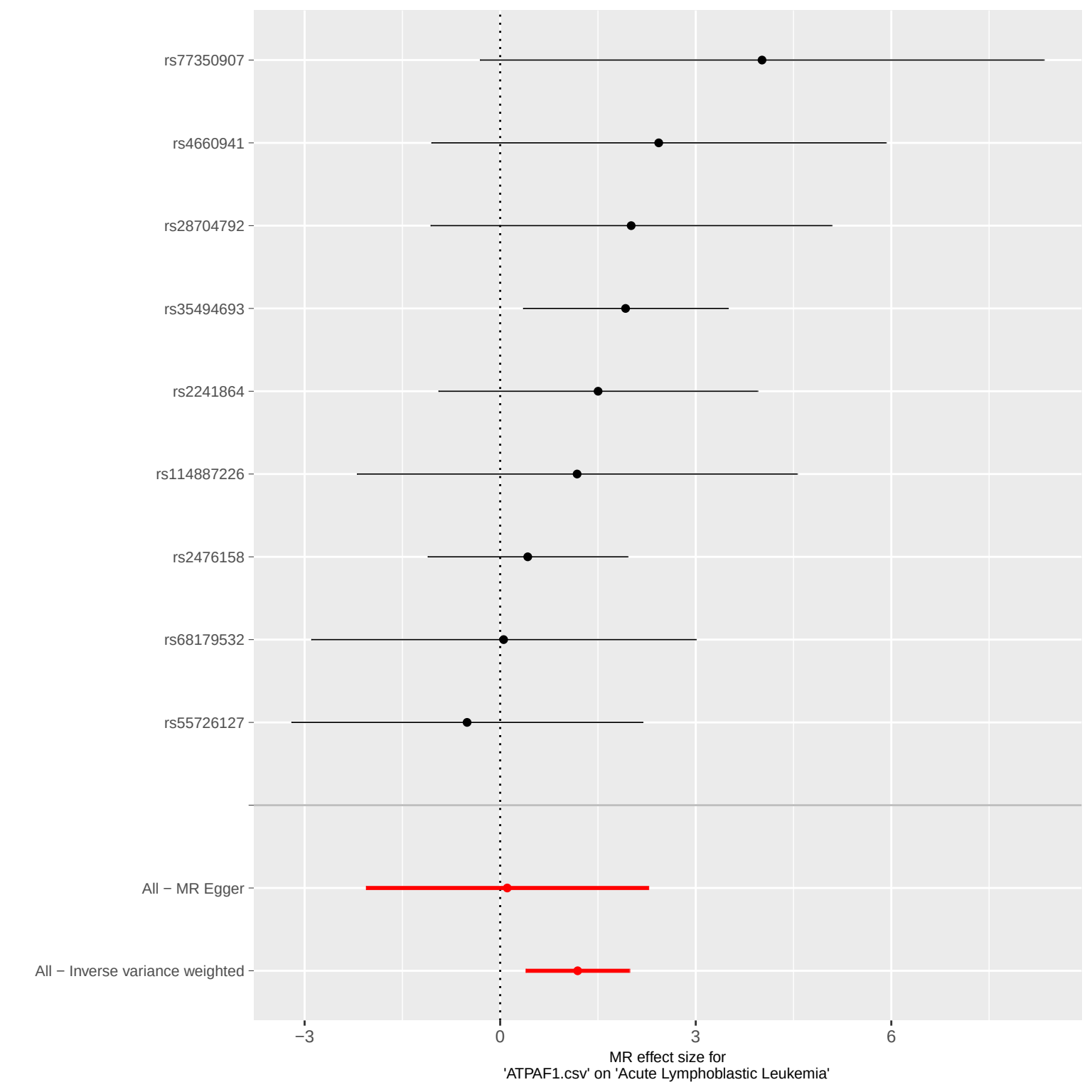
MR effect size for
'ATP8B2.csv' on 'Acute Lymphoblastic Leukemia'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rs2241864
rs114887226
rs2476158
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All − Inverse variance weighted
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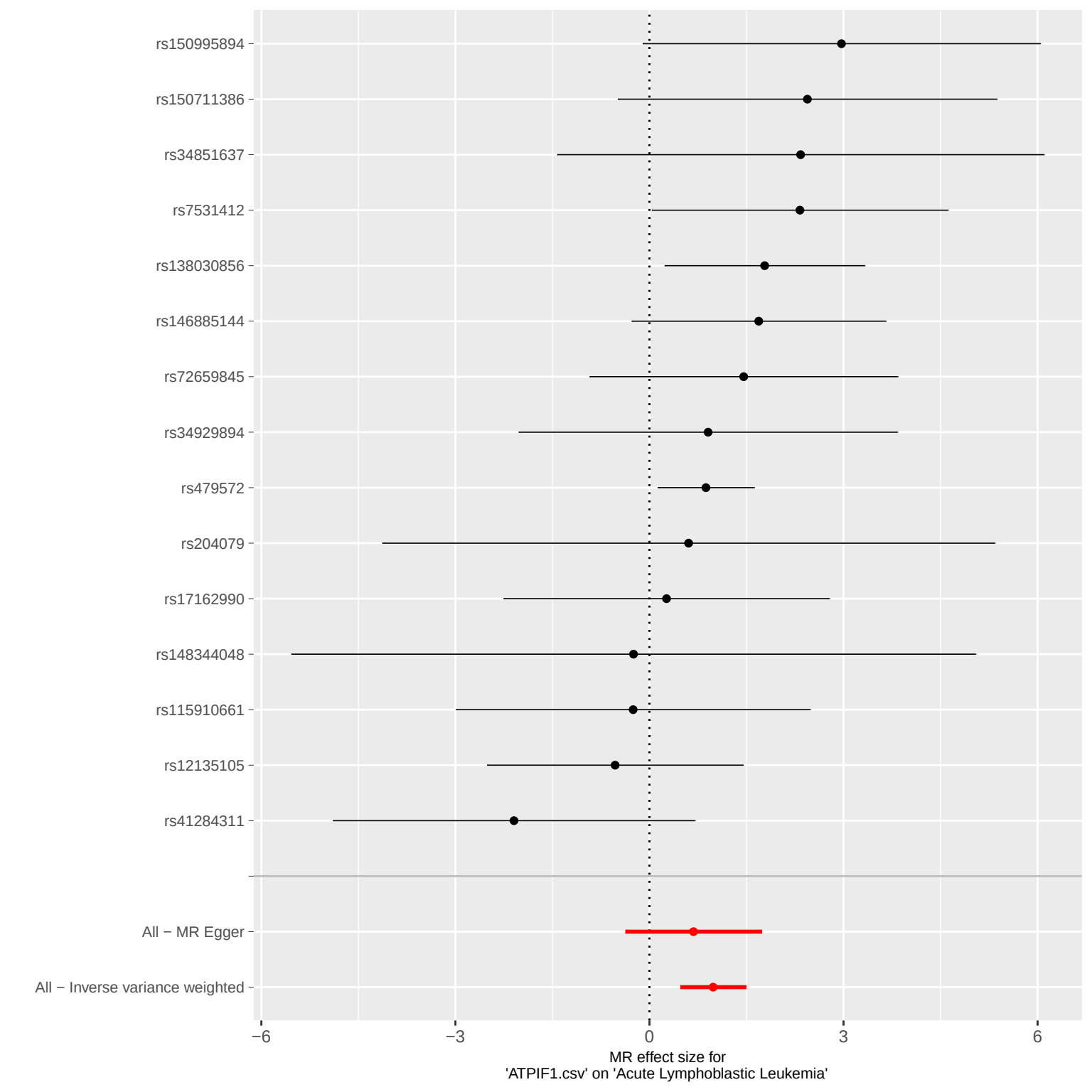
MR effect size for
'ATPAF1.csv' on 'Acute Lymphoblastic Leukemia'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rs17162990
rs148344048
rs115910661
rs12135105
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All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
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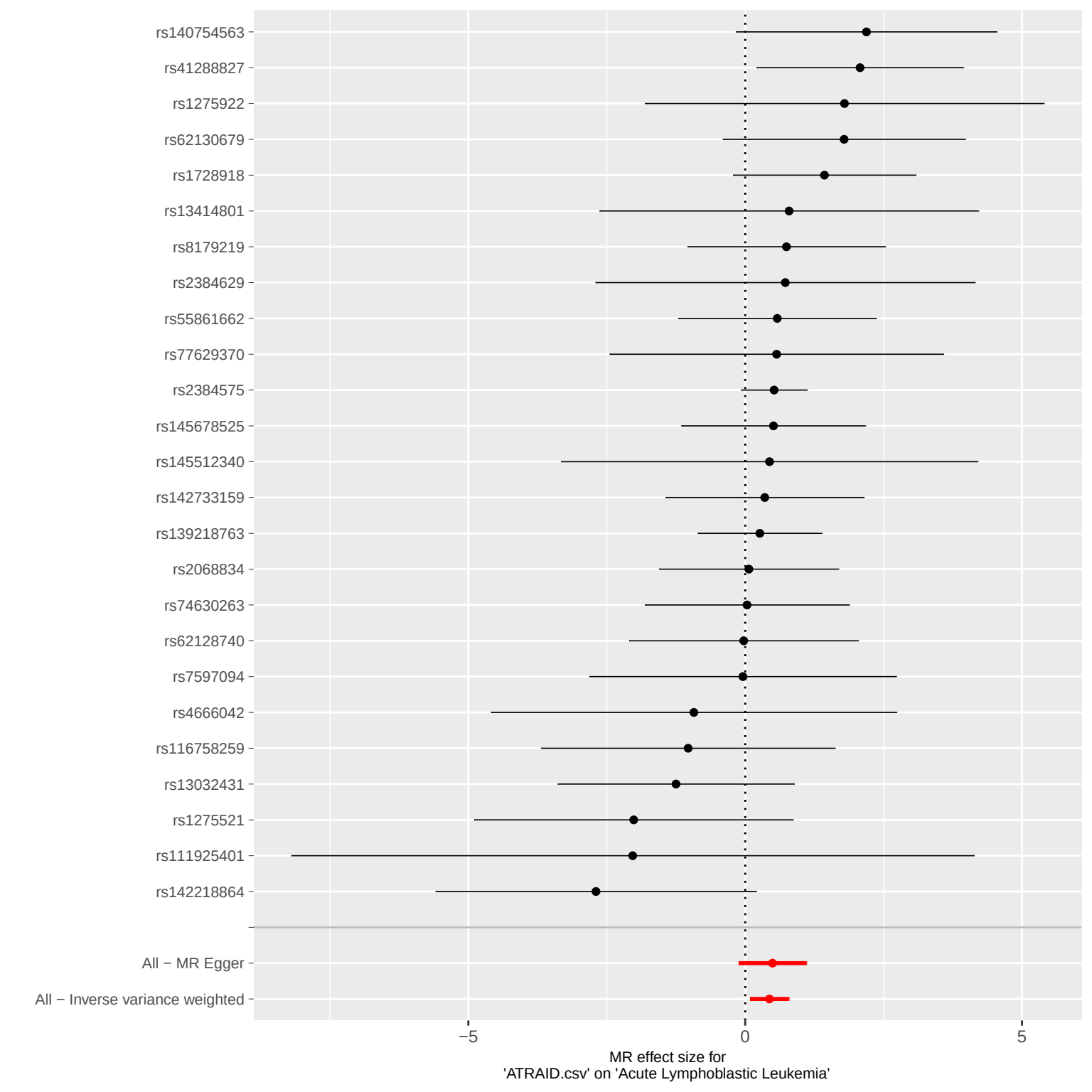
MR effect size for
'ATPIF1.csv' on 'Acute Lymphoblastic Leukemia'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rs13032431
rs1275521
rs111925401
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All − MR Egger
All − Inverse variance weighted
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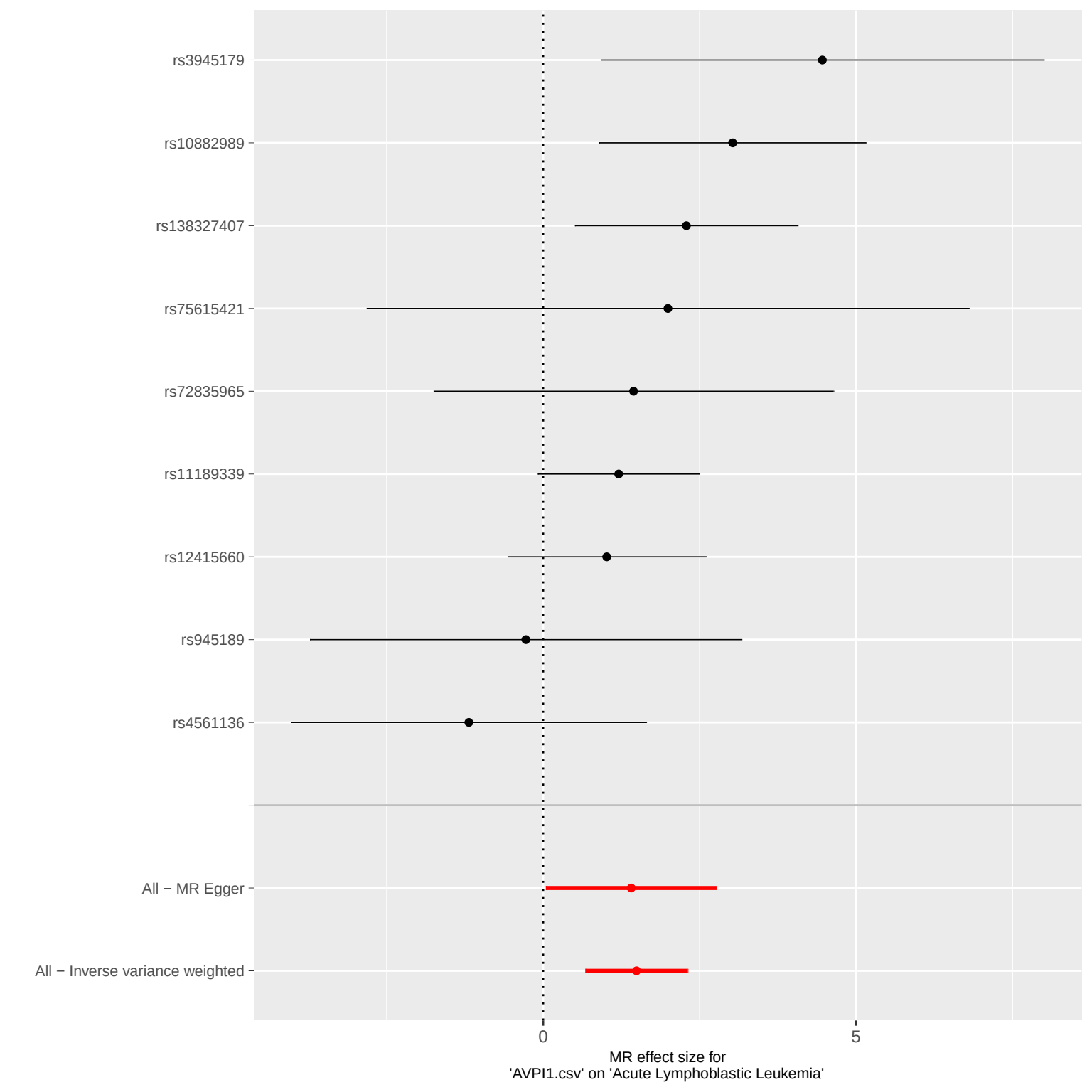
MR effect size for
'ATRAID.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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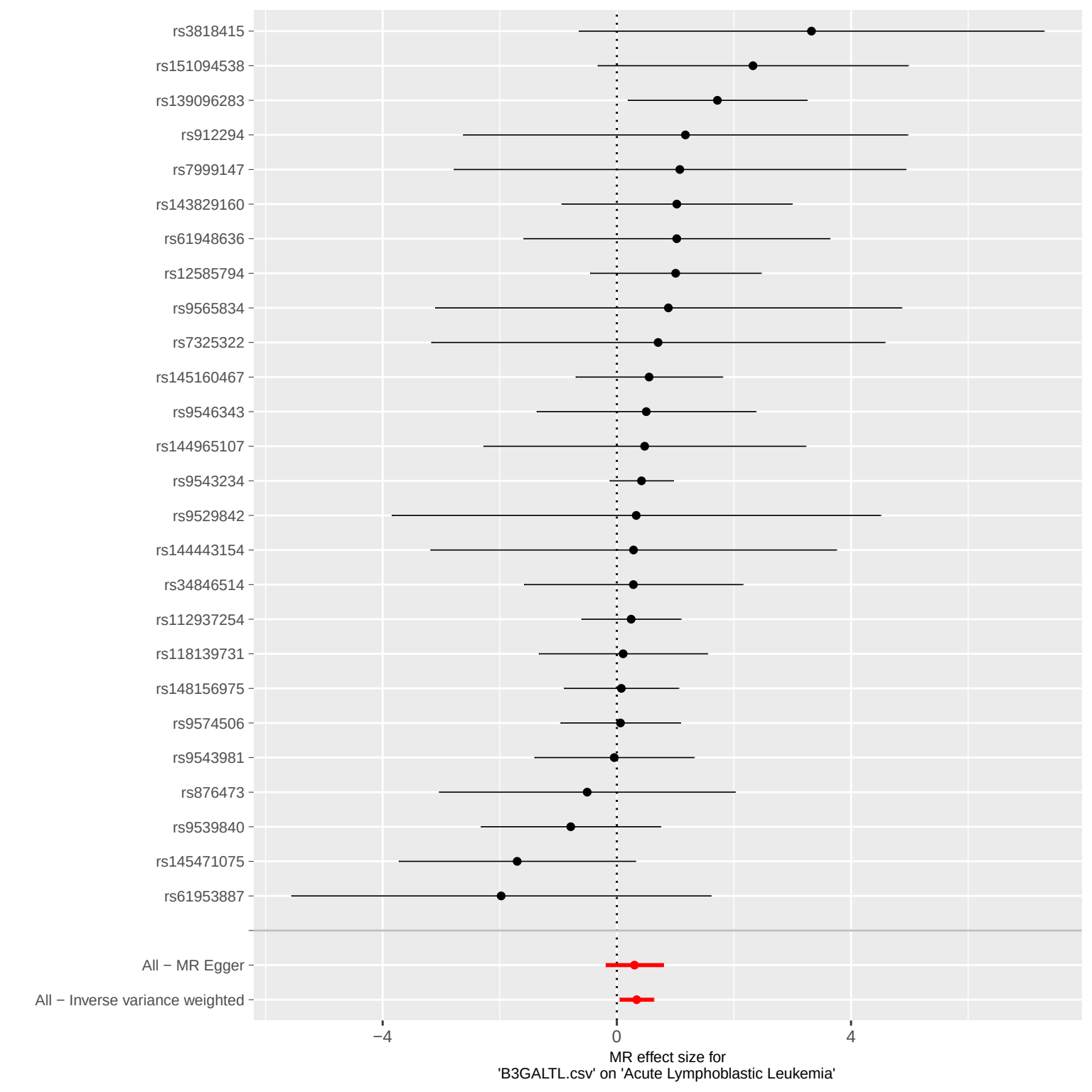
MR effect size for
'AVPI1.csv' on 'Acute Lymphoblastic Leukemia'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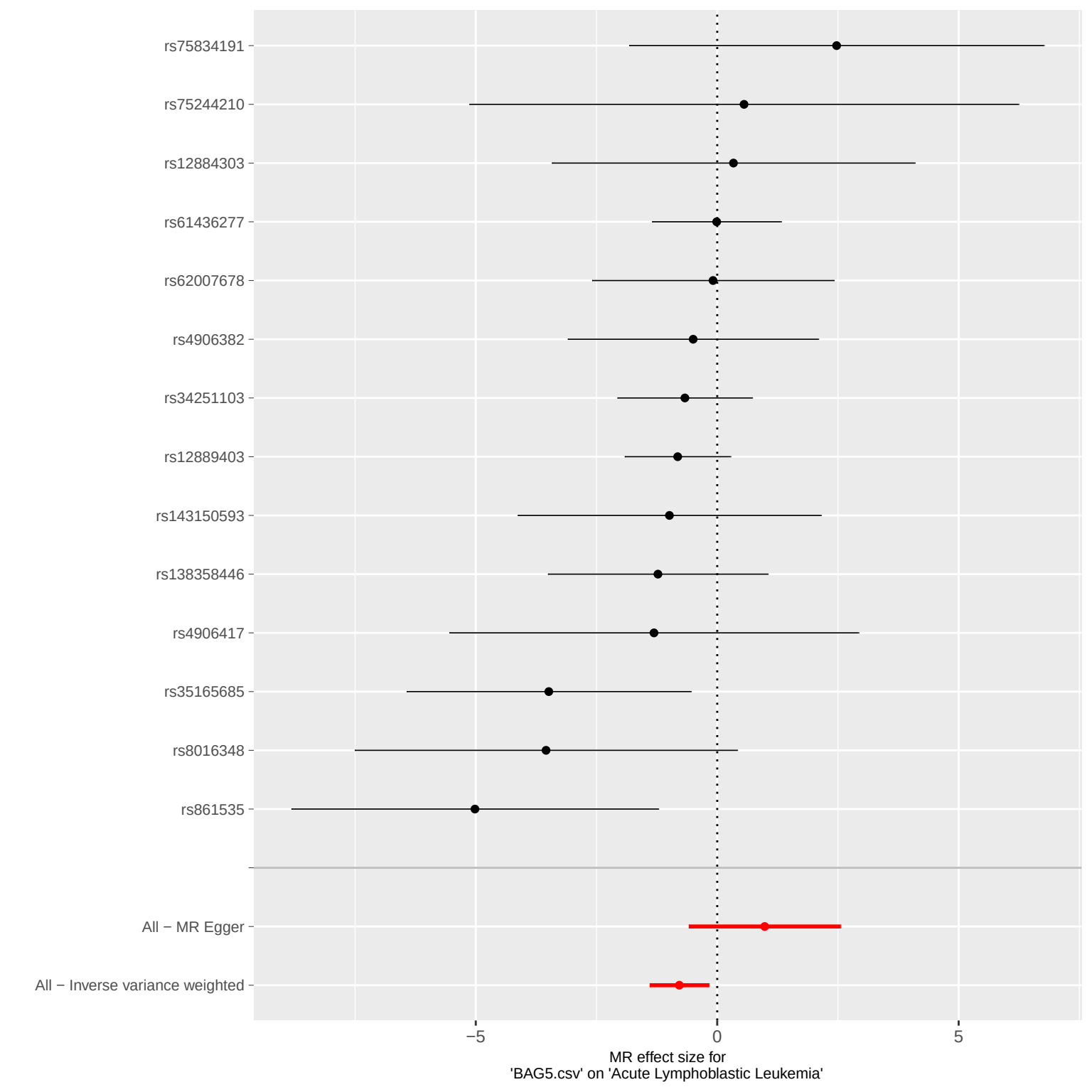
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'B3GALTL.csv' on 'Acute Lymphoblastic Leukemia'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rs4906417
rs35165685
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All − MR Egger
All − Inverse variance weighted
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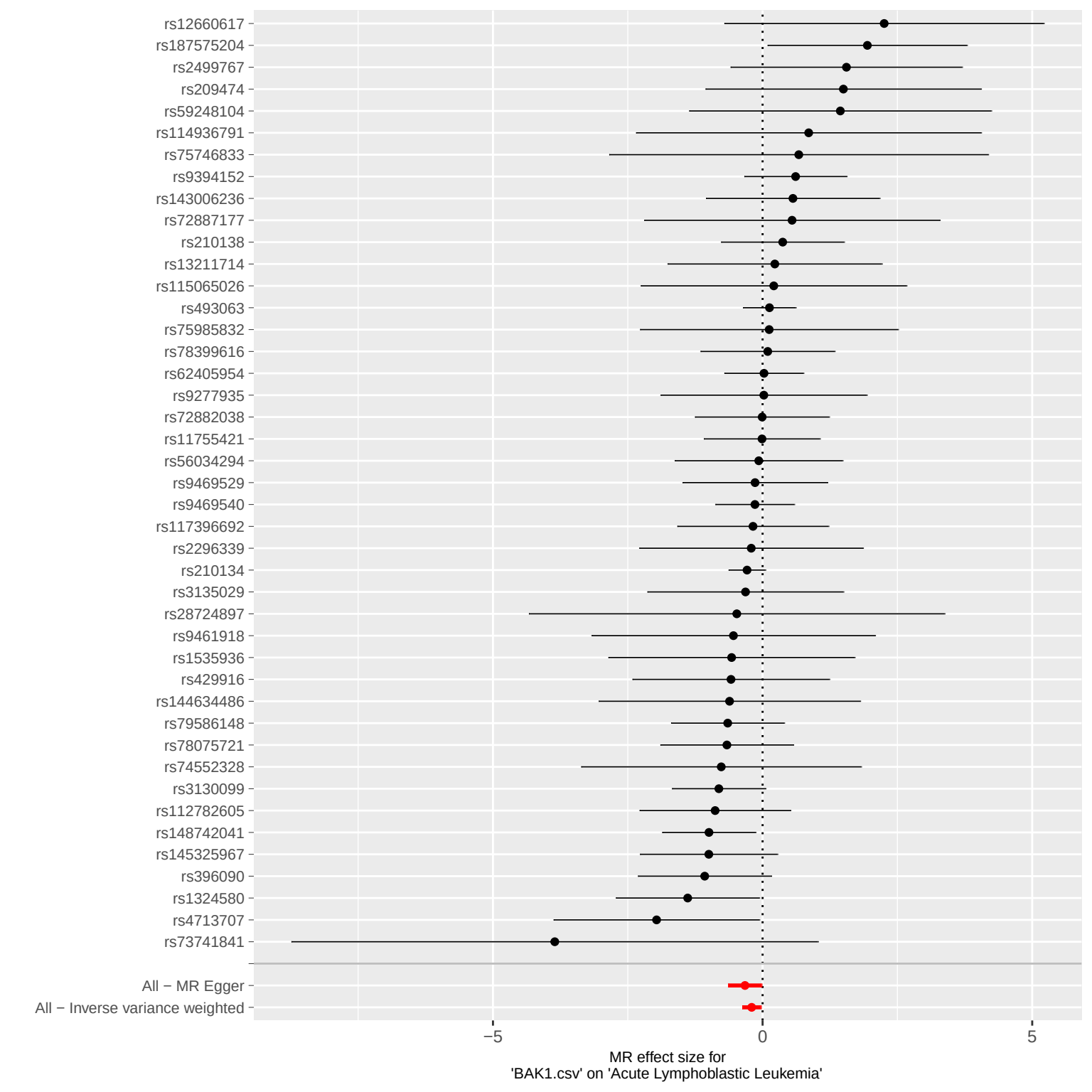
MR effect size for
'BAG5.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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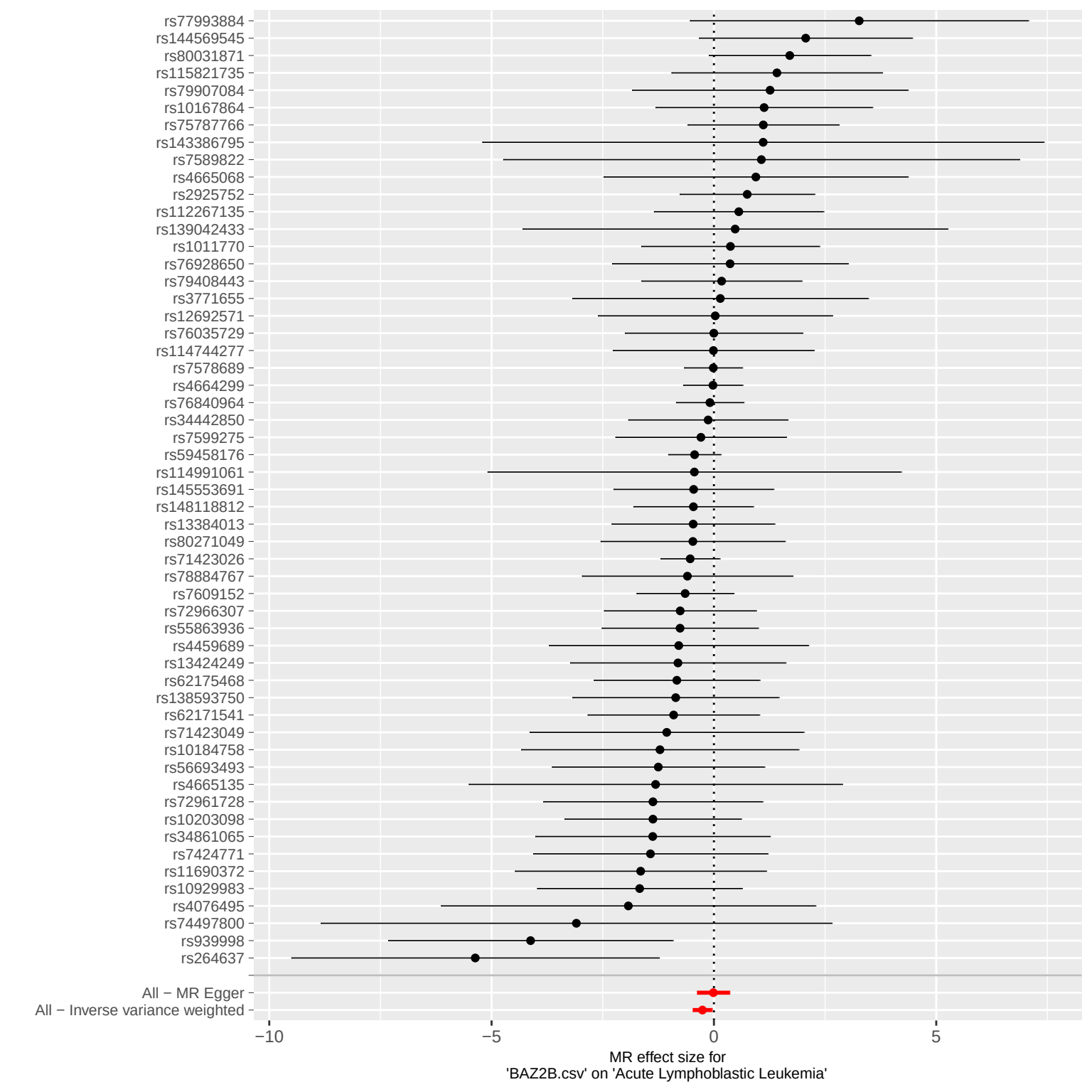
MR effect size for
'BAK1.csv' on 'Acute Lymphoblastic Leukemia'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rs4076495
rs74497800
rs939998
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All − MR Egger
All − Inverse variance weighted
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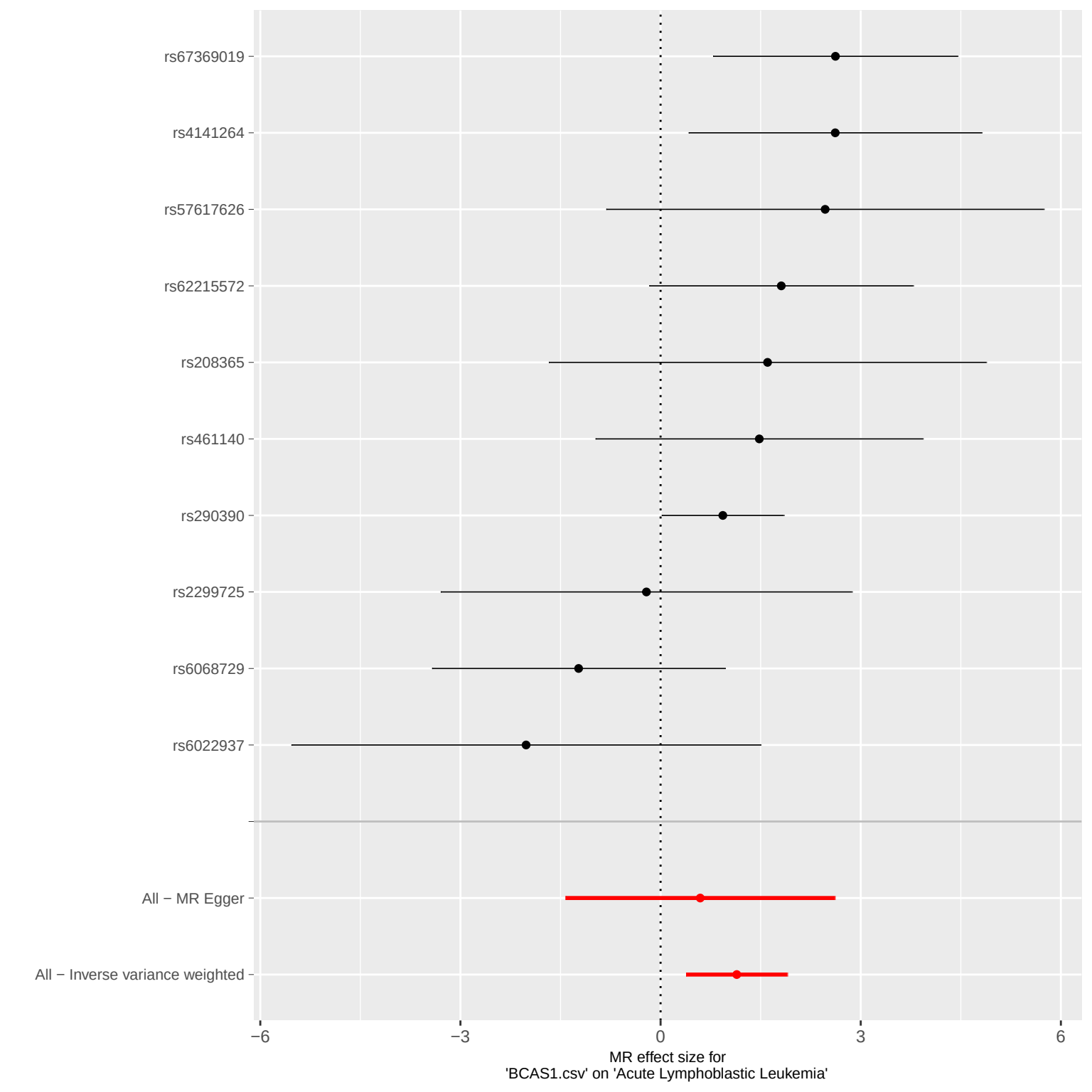
−5
0
5
MR effect size for
'BAZ2B.csv' on 'Acute Lymphoblastic Leukemia'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rs461140
rs290390
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All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
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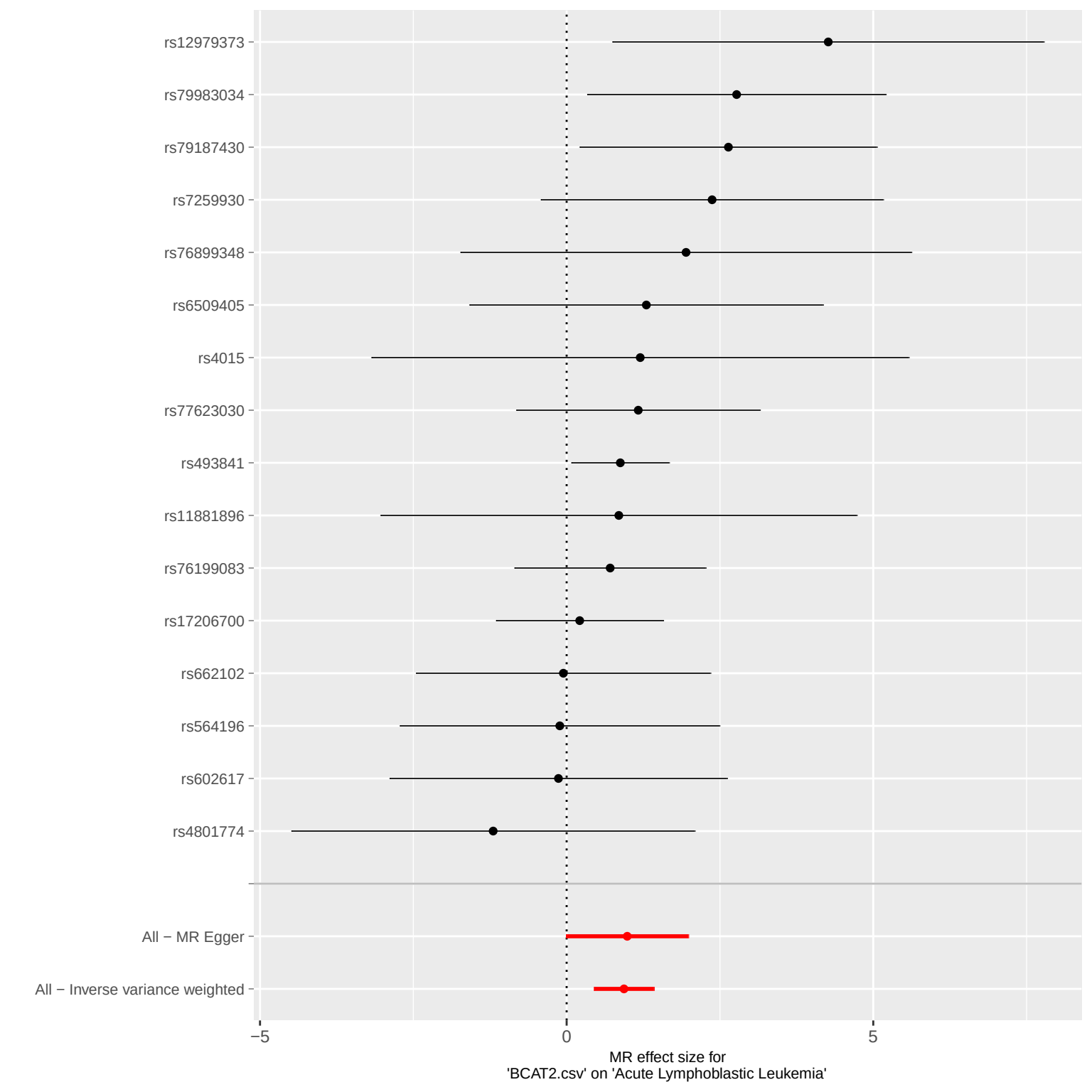
MR effect size for
'BCAS1.csv' on 'Acute Lymphoblastic Leukemia'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rs662102
rs564196
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All − MR Egger
All − Inverse variance weighted
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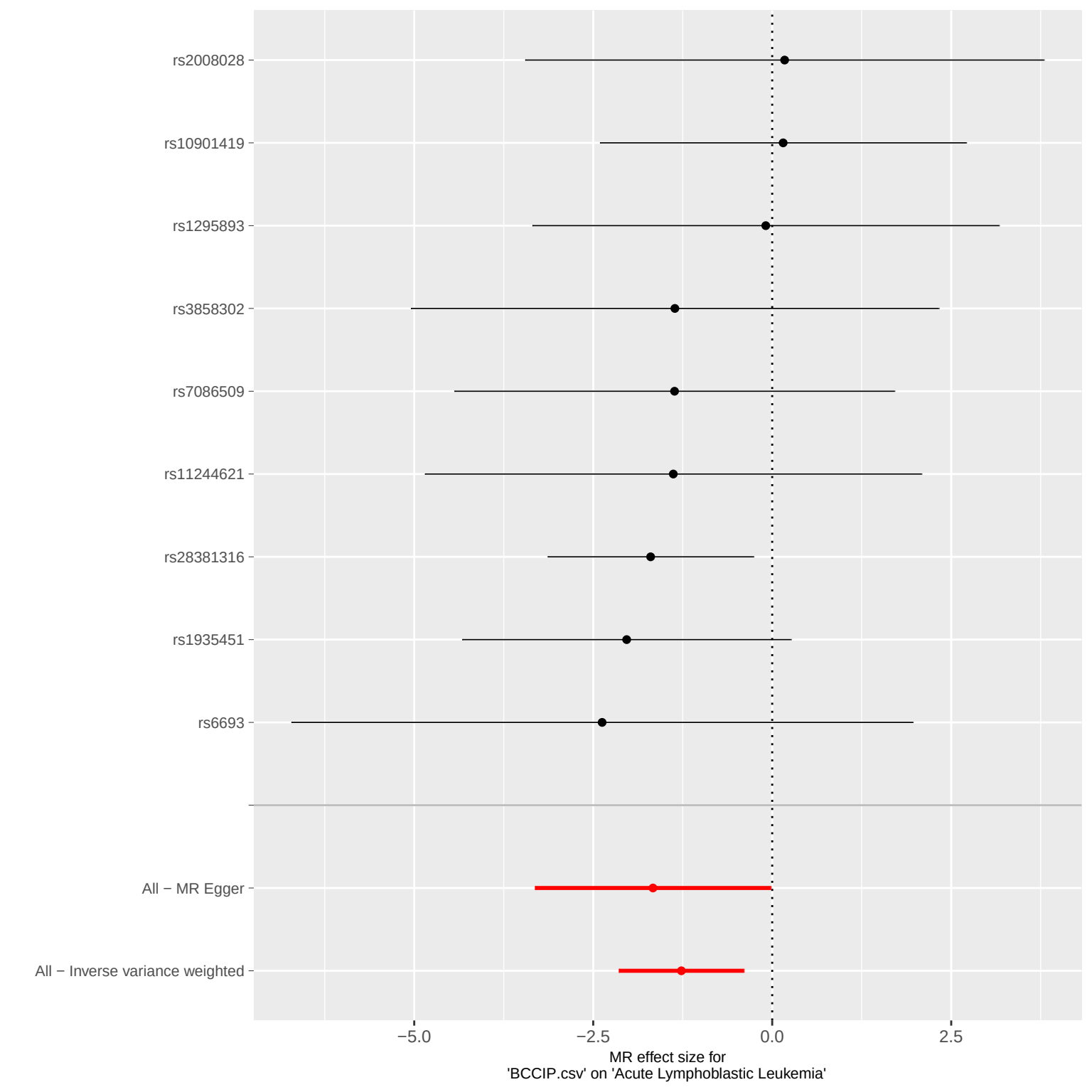
MR effect size for
'BCAT2.csv' on 'Acute Lymphoblastic Leukemia'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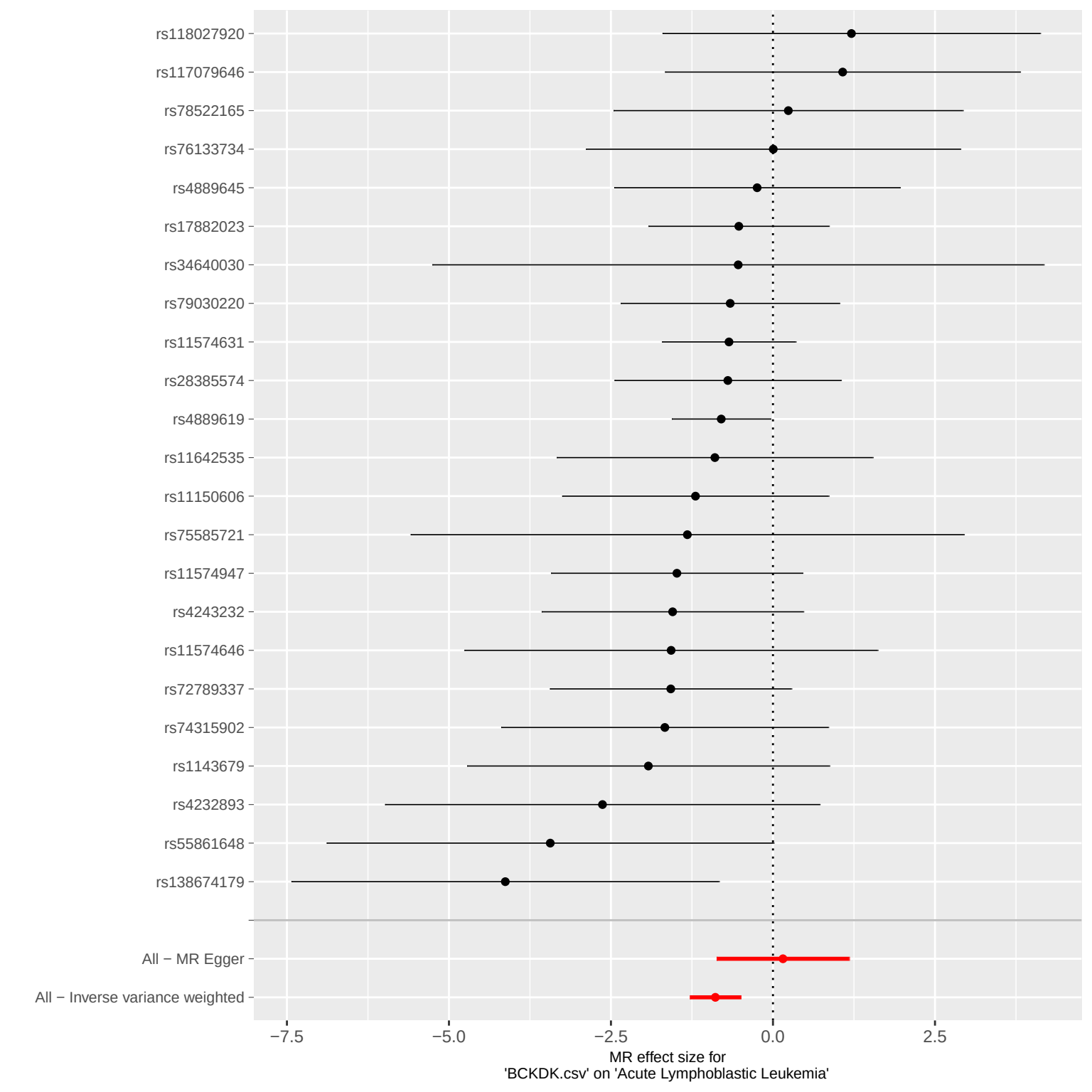
rs11244621
rs28381316
rs1935451
rs6693
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'BCCIP.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5.0
−2.5
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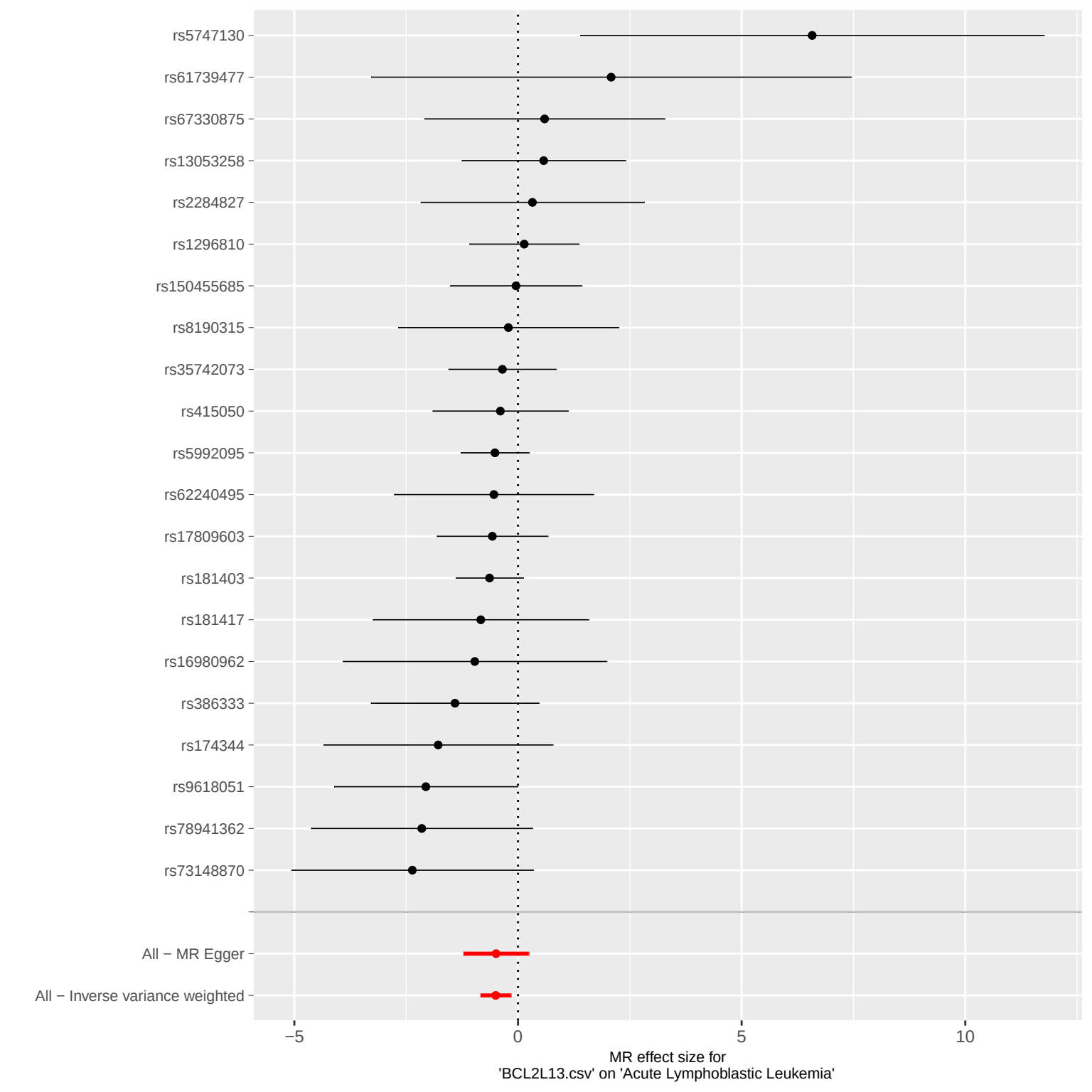
2.5
MR effect size for
'BCKDK.csv' on 'Acute Lymphoblastic Leukemia'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rs62240495
rs17809603
rs181403
rs181417
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rs386333
rs174344
rs9618051
rs78941362
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All − MR Egger
All − Inverse variance weighted
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0
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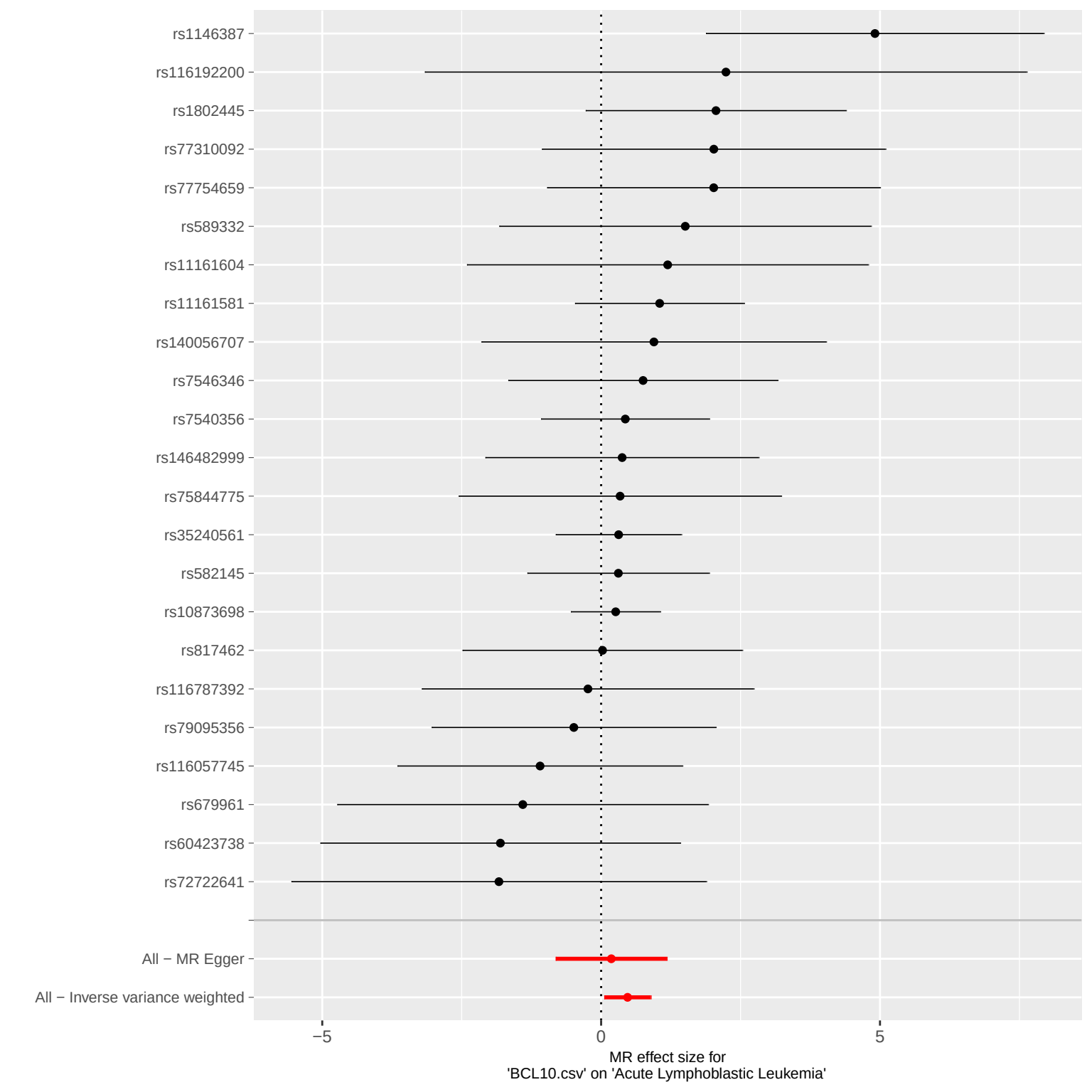
MR effect size for
'BCL2L13.csv' on 'Acute Lymphoblastic Leukemia'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rs817462
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rs679961
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All − MR Egger
All − Inverse variance weighted
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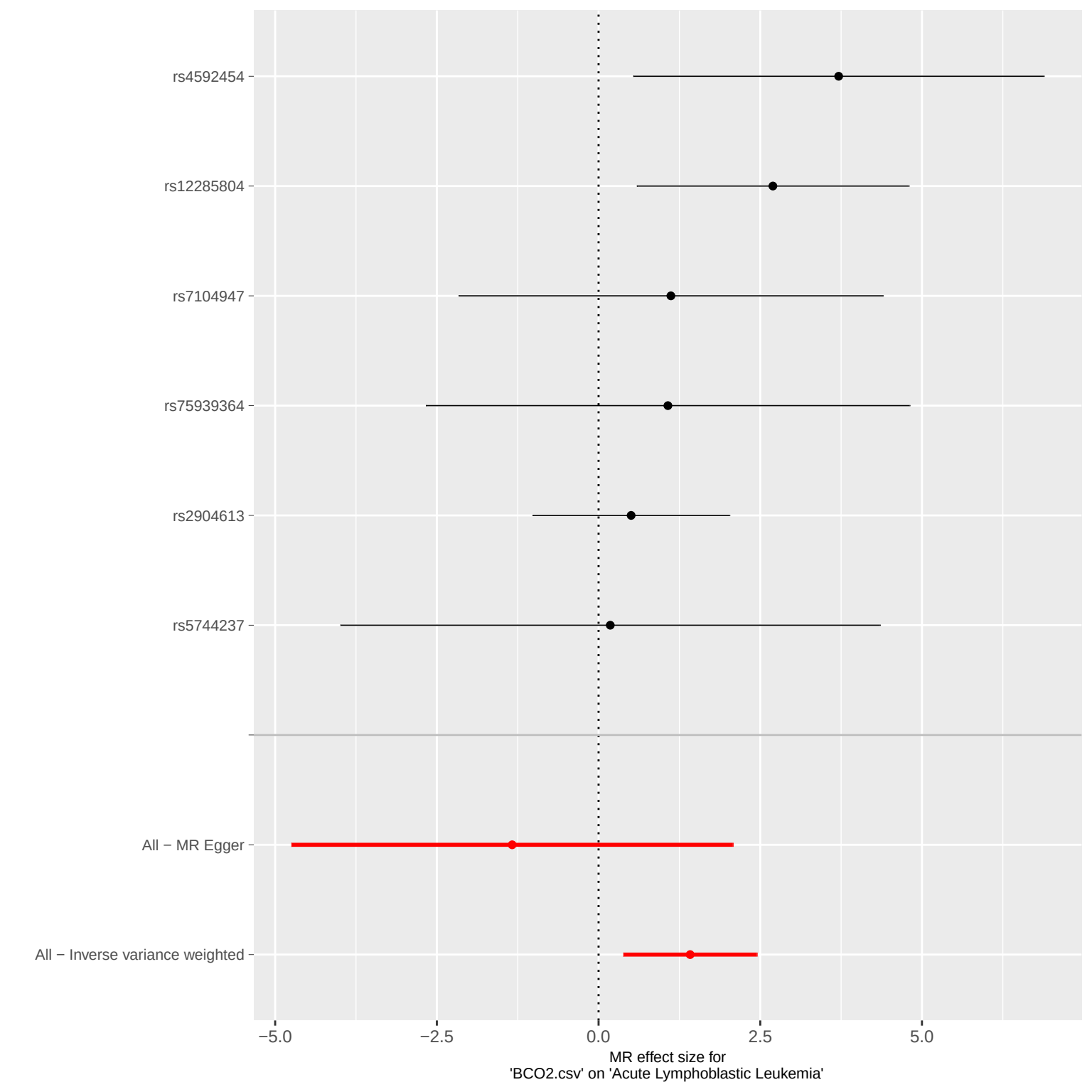
MR effect size for
'BCL10.csv' on 'Acute Lymphoblastic Leukemia'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rs5744237
All − MR Egger
All − Inverse variance weighted
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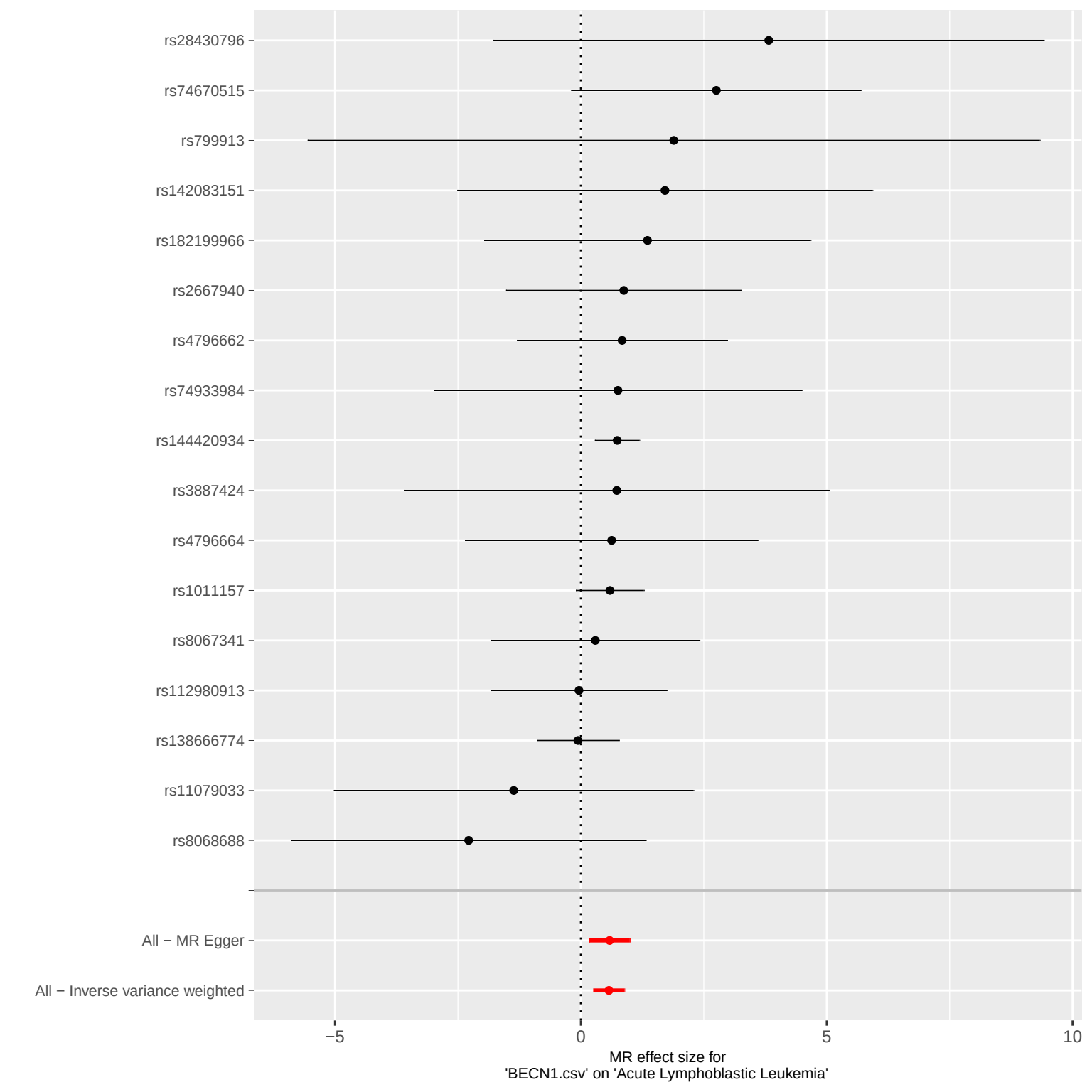
−2.5
0.0
2.5
5.0
MR effect size for
'BCO2.csv' on 'Acute Lymphoblastic Leukemia'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rs1011157
rs8067341
rs112980913
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rs11079033
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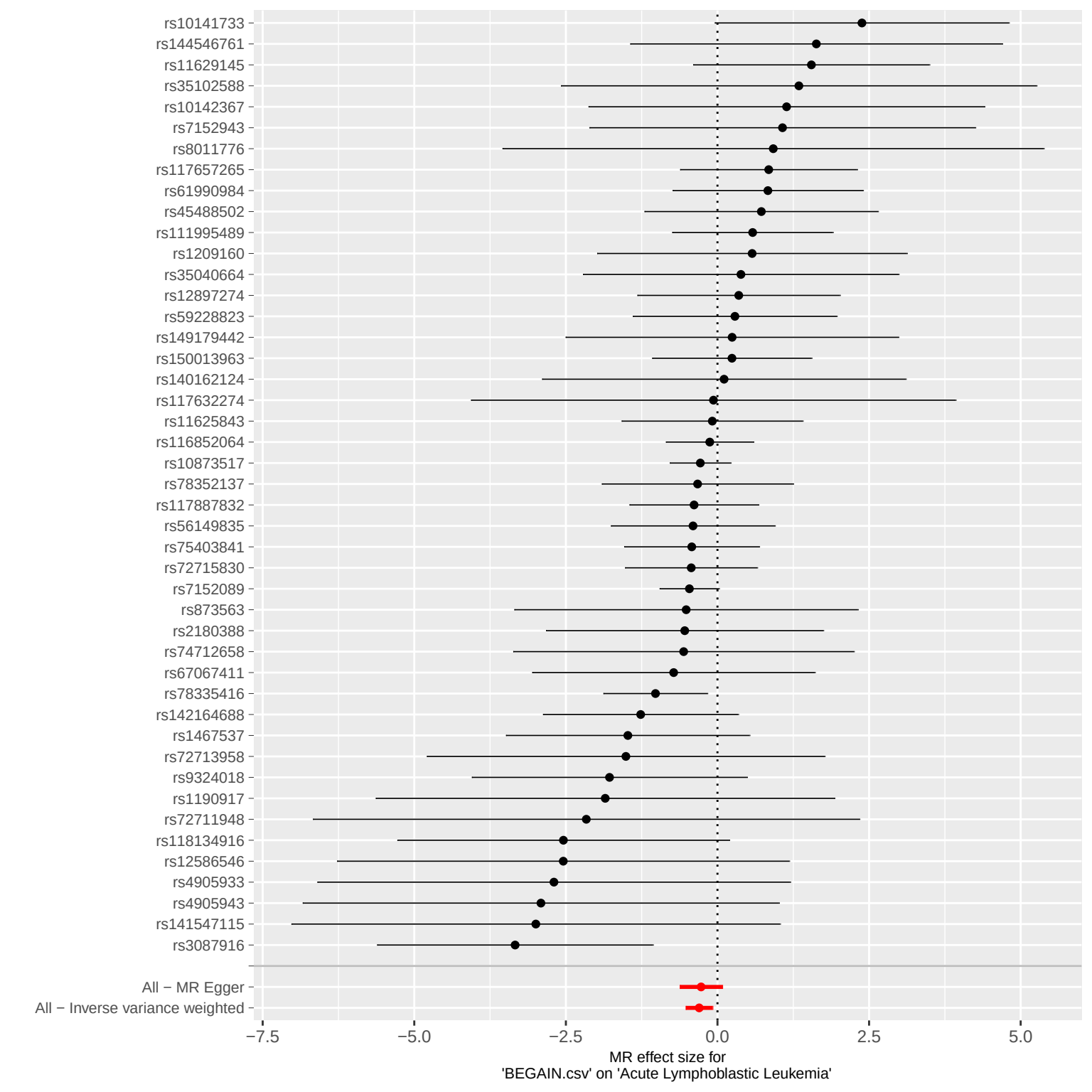
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'BECN1.csv' on 'Acute Lymphoblastic Leukemia'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rs3087916
All − MR Egger
All − Inverse variance weighted
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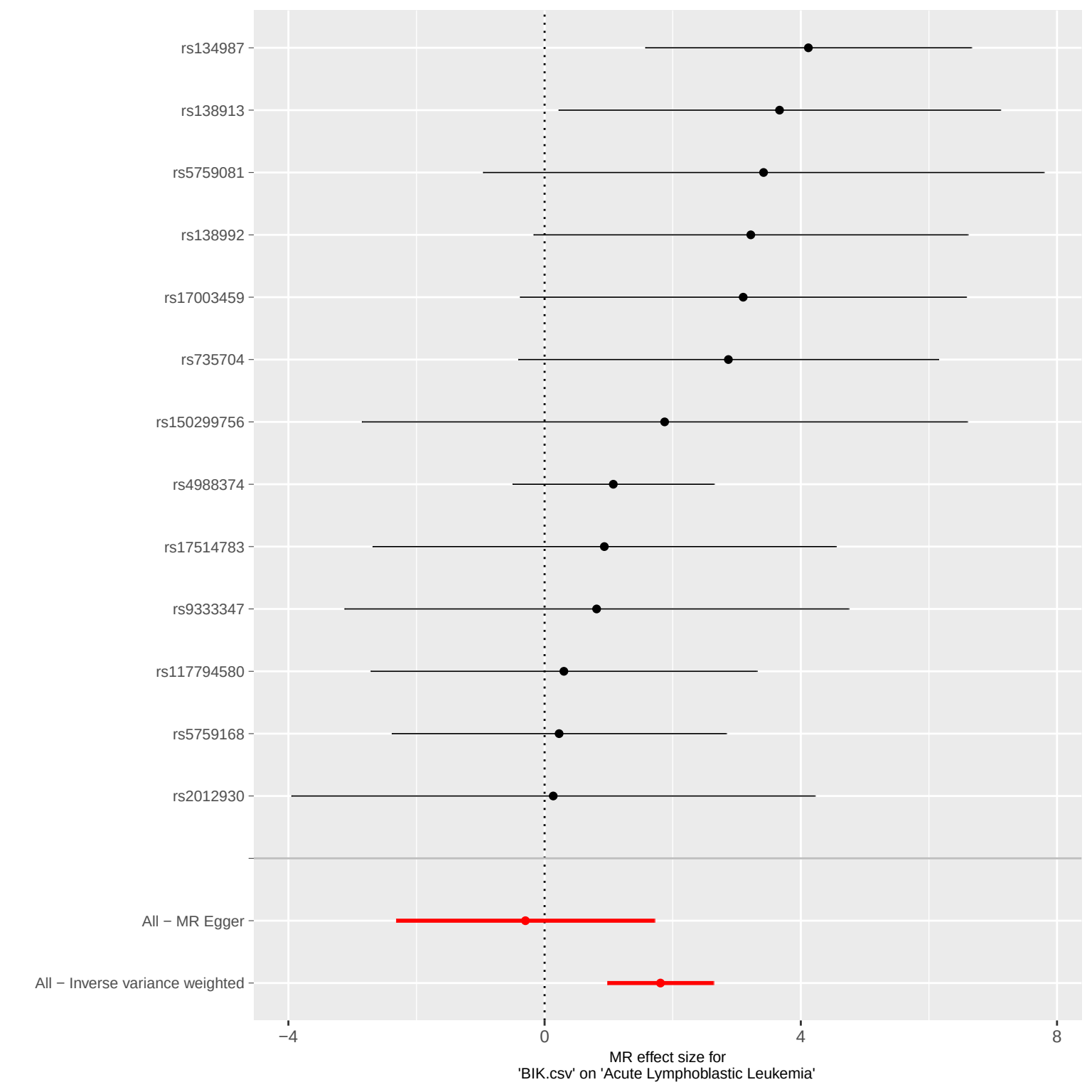
−2.5
0.0
2.5
5.0
MR effect size for
'BEGAIN.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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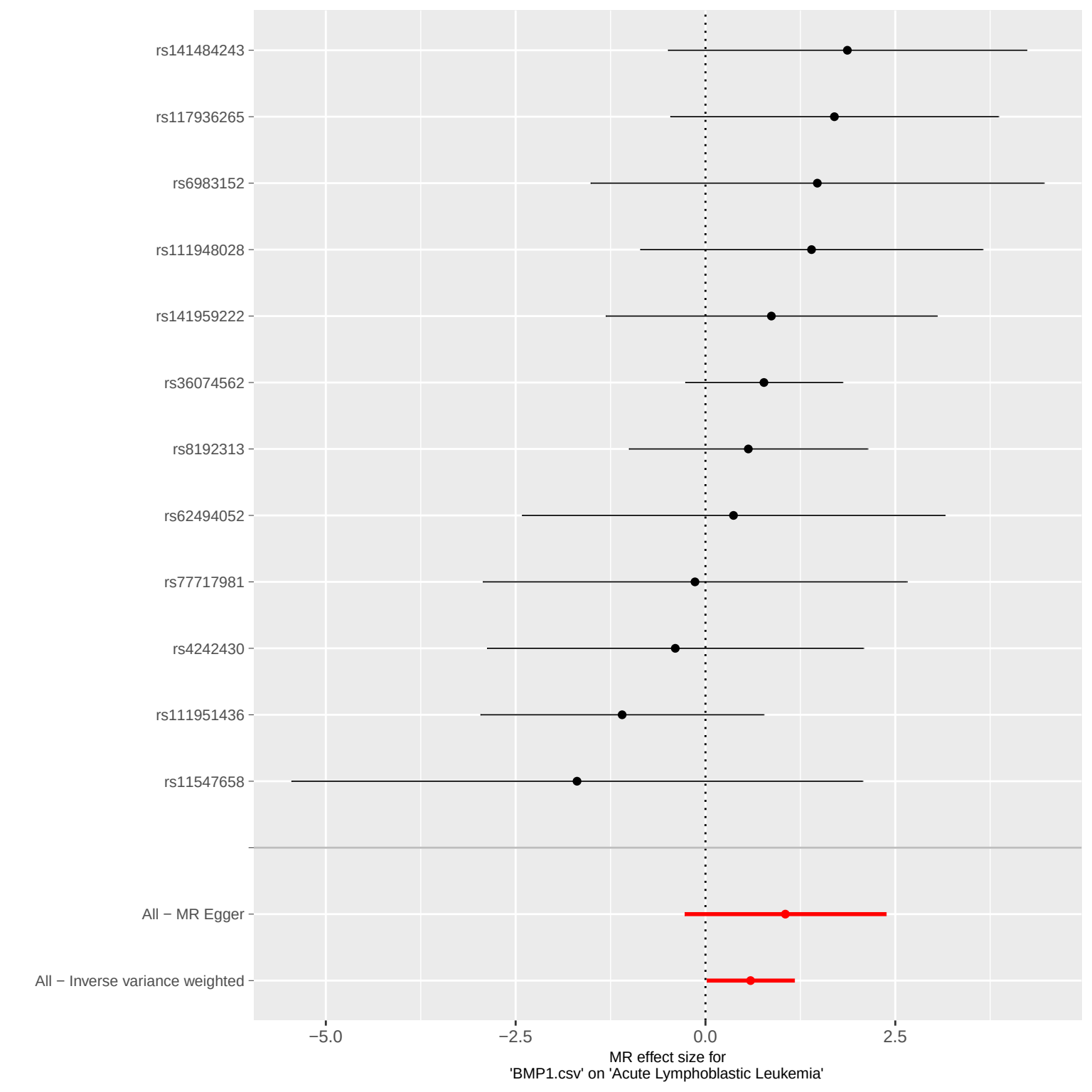
4
8
MR effect size for
'BIK.csv' on 'Acute Lymphoblastic Leukemia'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rs111951436
rs11547658
All − MR Egger
All − Inverse variance weighted
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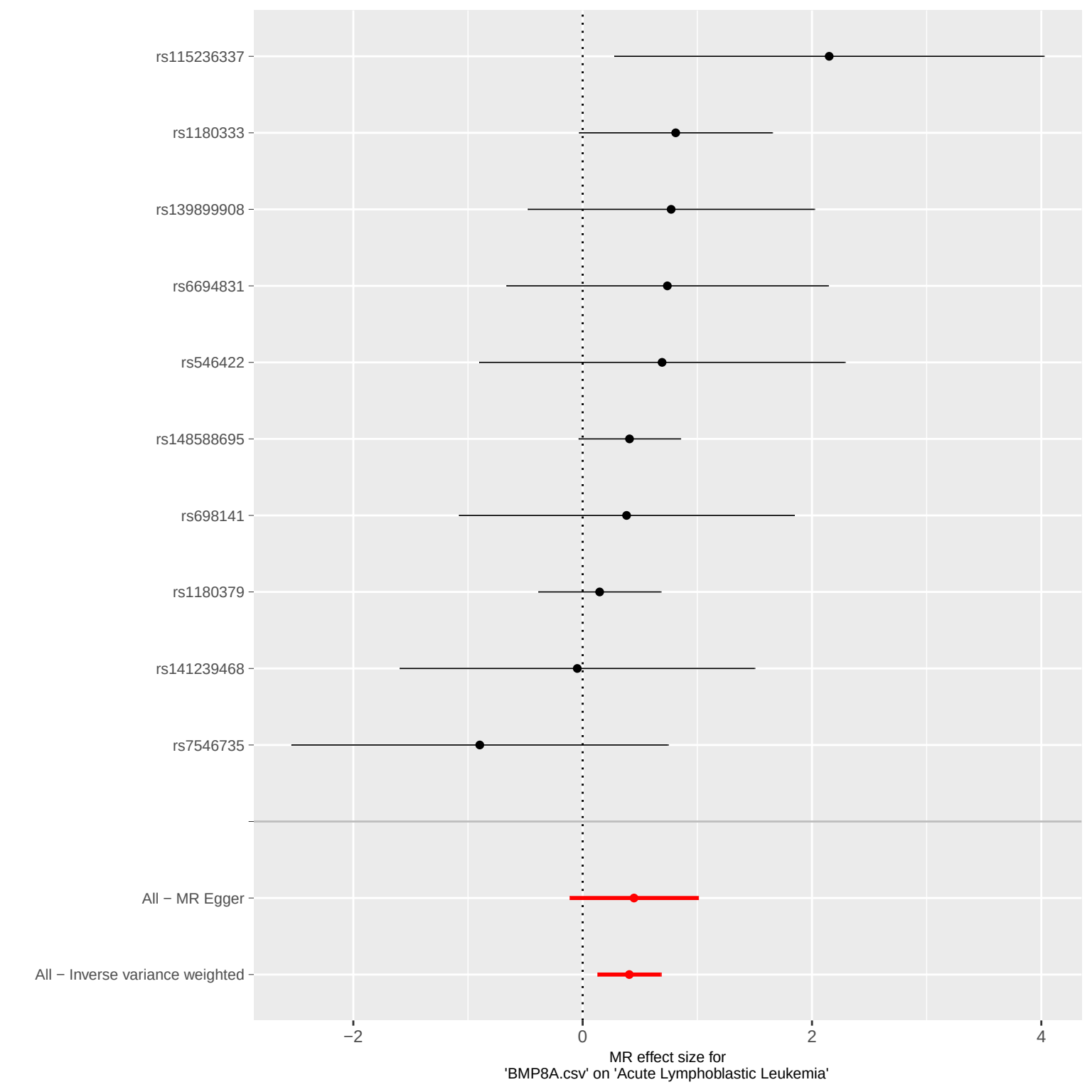
−2.5
0.0
2.5
MR effect size for
'BMP1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−2
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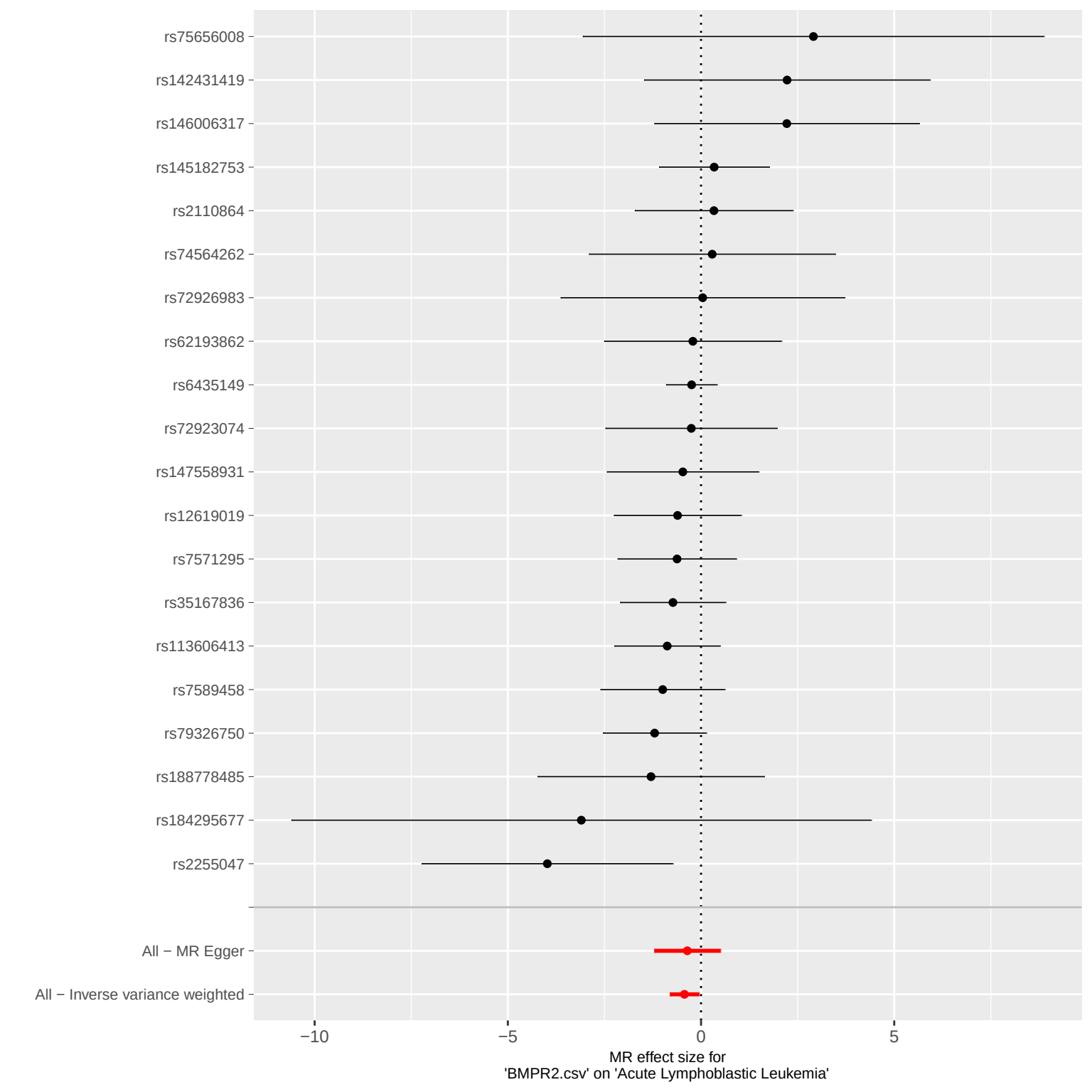
MR effect size for
'BMP8A.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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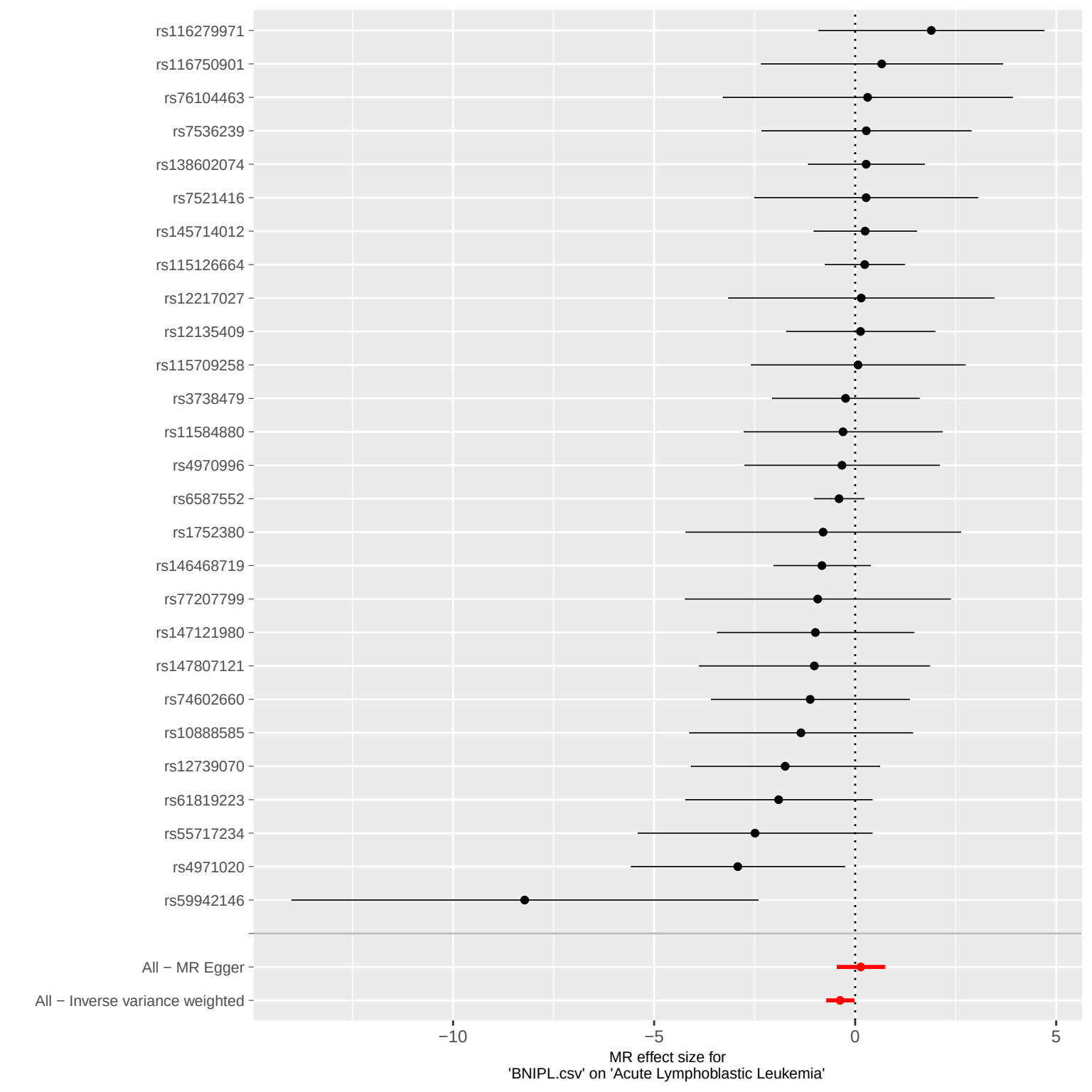
MR effect size for
'BMPR2.csv' on 'Acute Lymphoblastic Leukemia'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rs77207799
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rs147807121
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rs10888585
rs12739070
rs61819223
rs55717234
rs4971020
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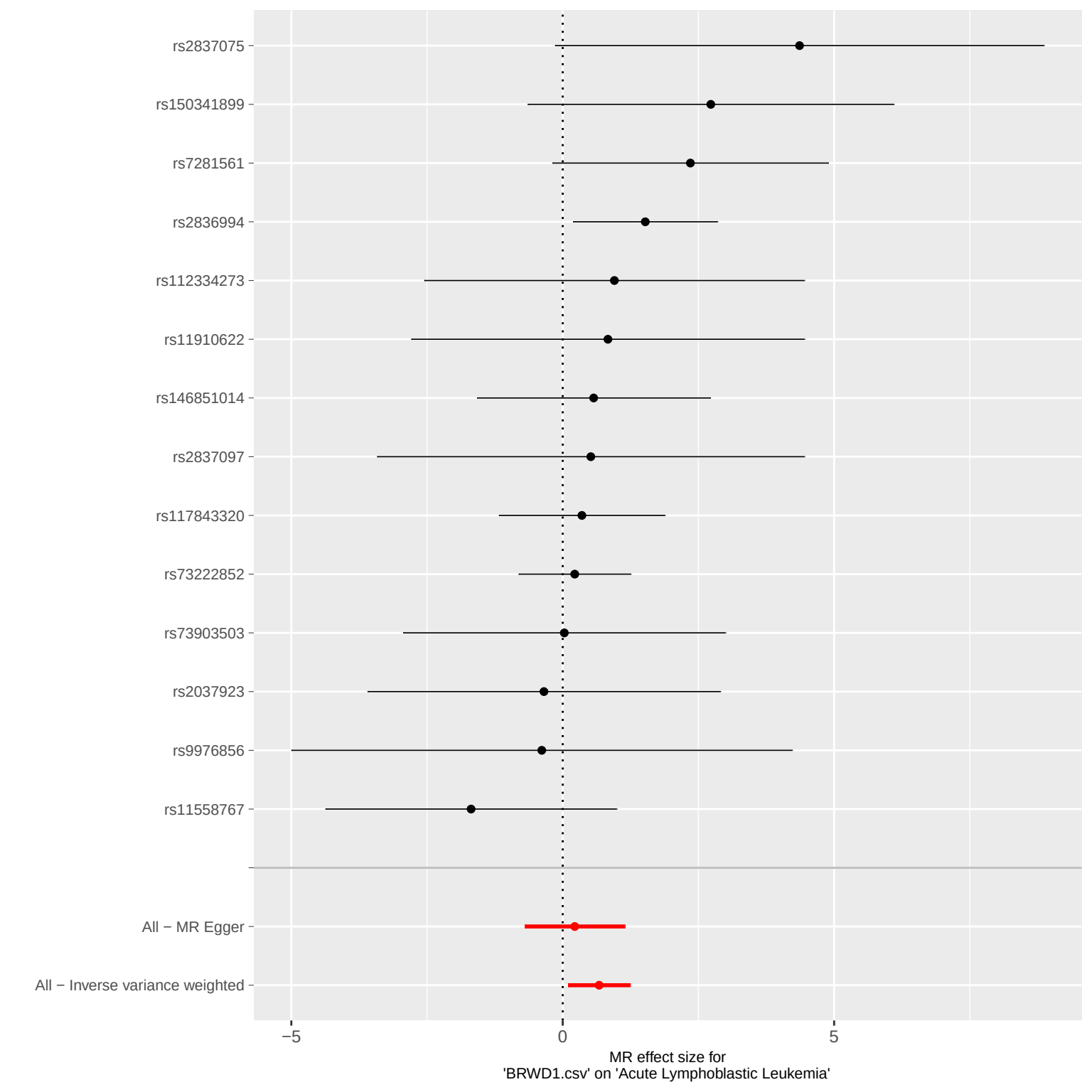
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'BNIPL.csv' on 'Acute Lymphoblastic Leukemia'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rs73903503
rs2037923
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All − MR Egger
All − Inverse variance weighted
−5
0
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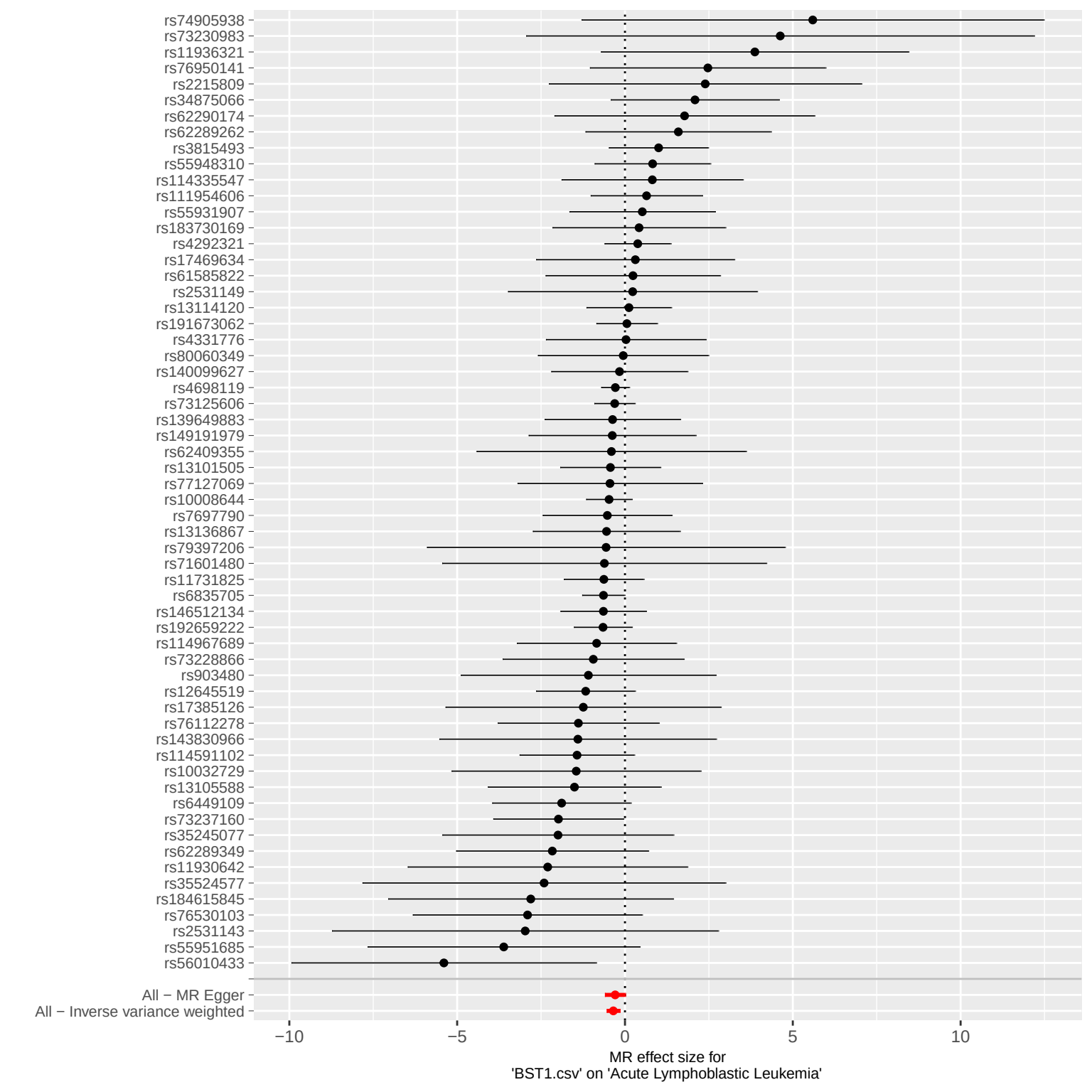
MR effect size for
'BRWD1.csv' on 'Acute Lymphoblastic Leukemia'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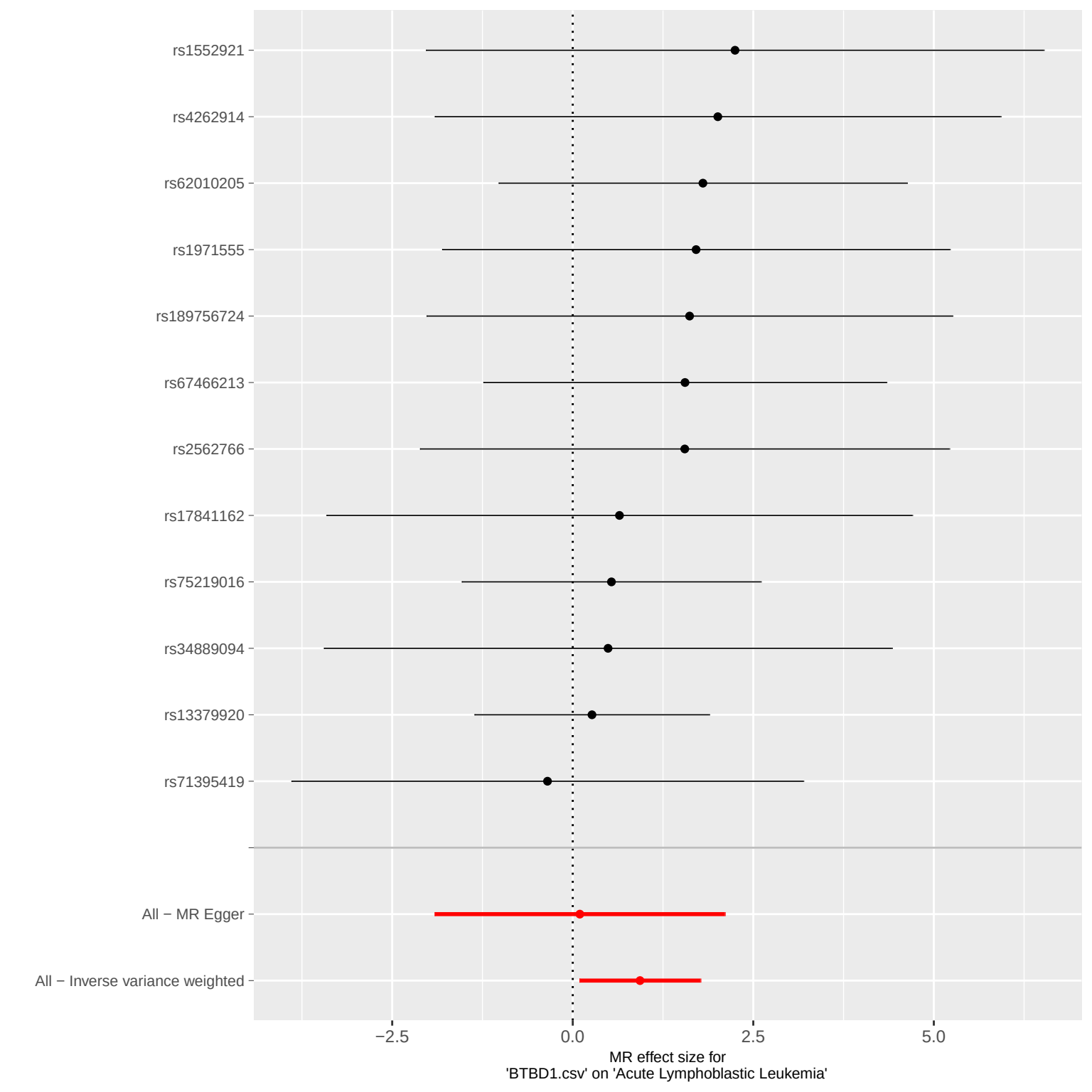
rs55951685
rs56010433
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'BST1.csv' on 'Acute Lymphoblastic Leukemia'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rs34889094
rs13379920
rs71395419
All − MR Egger
All − Inverse variance weighted
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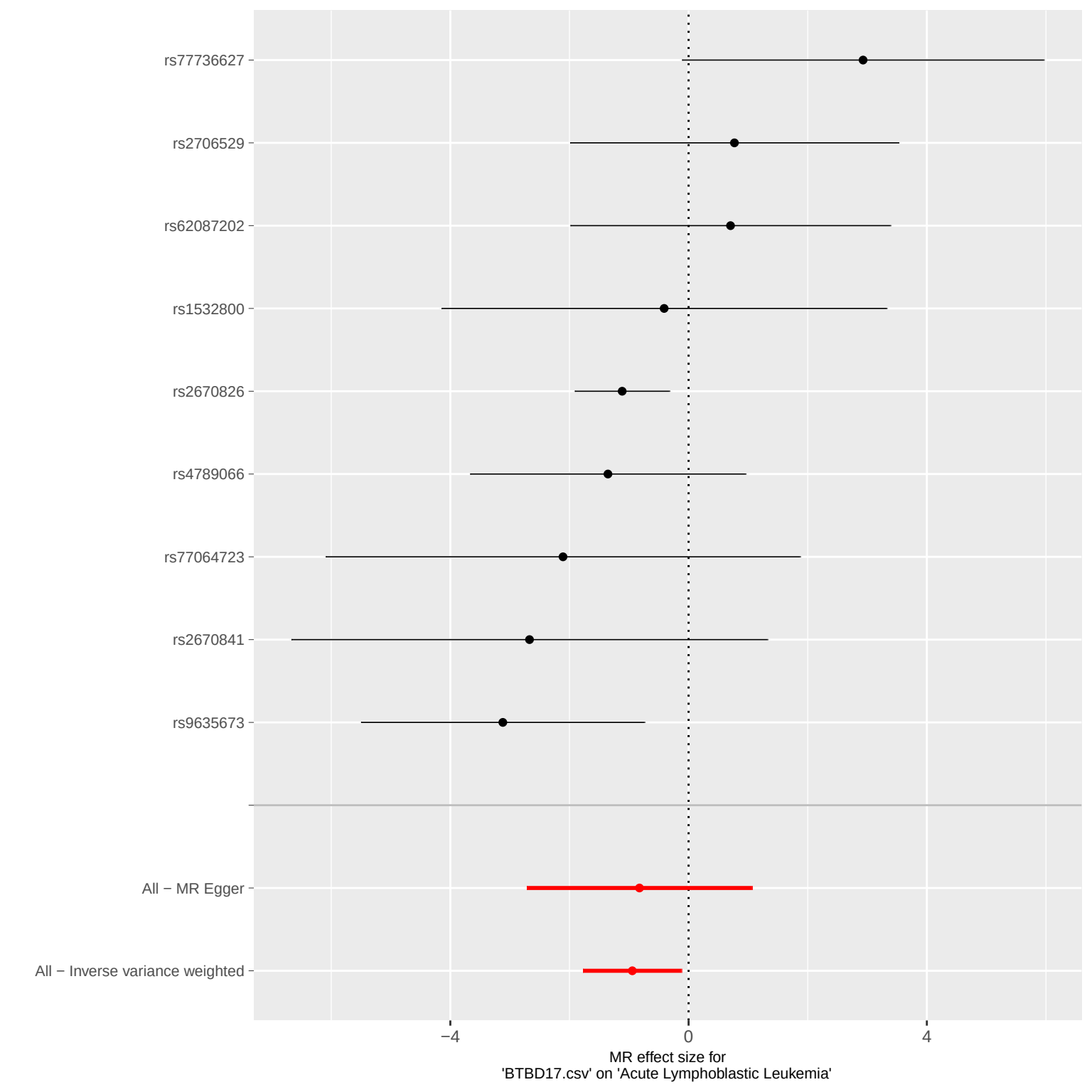
0.0
2.5
5.0
MR effect size for
'BTBD1.csv' on 'Acute Lymphoblastic Leukemia'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rs2706529
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rs1532800
rs2670826
rs4789066
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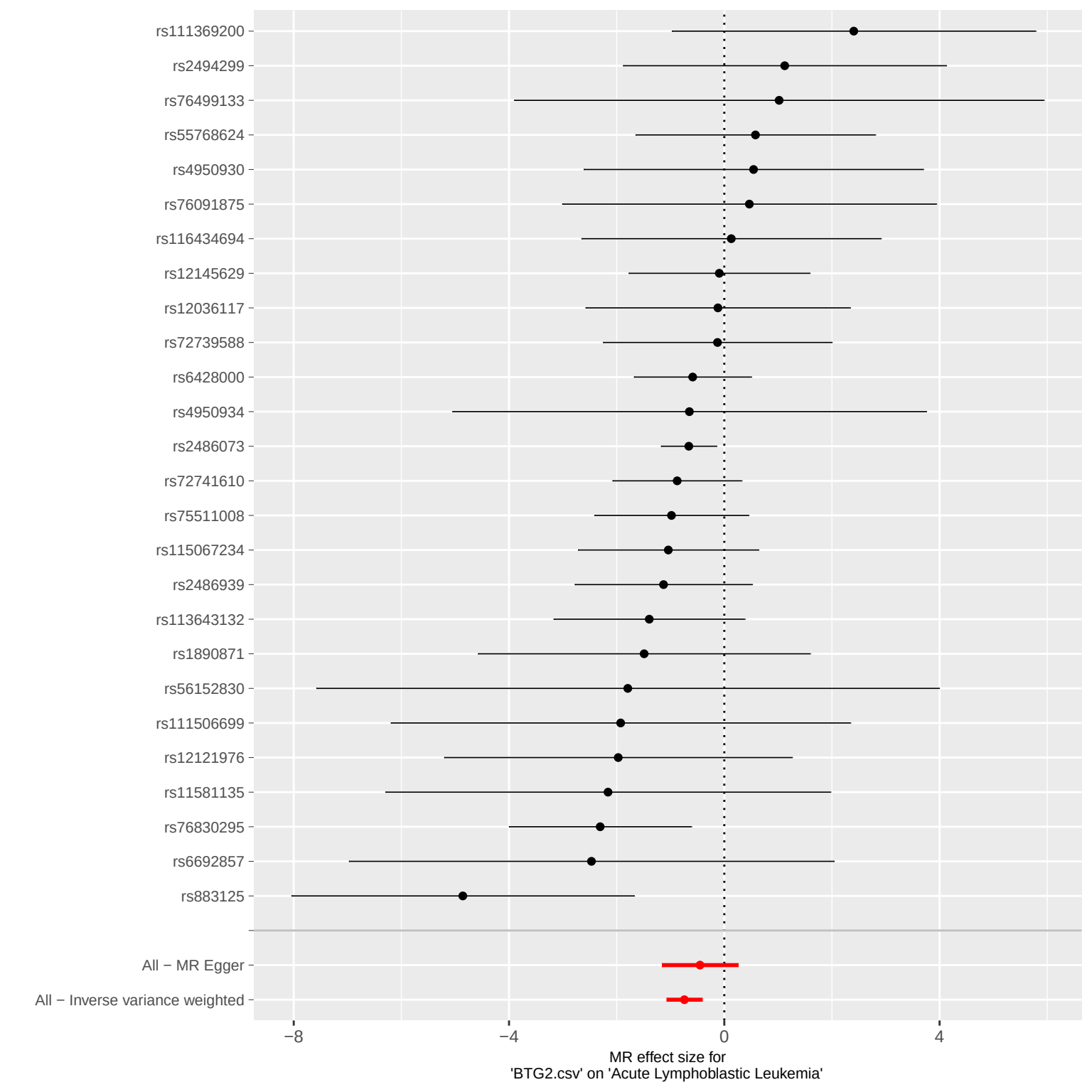
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'BTBD17.csv' on 'Acute Lymphoblastic Leukemia'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rs111506699
rs12121976
rs11581135
rs76830295
rs6692857
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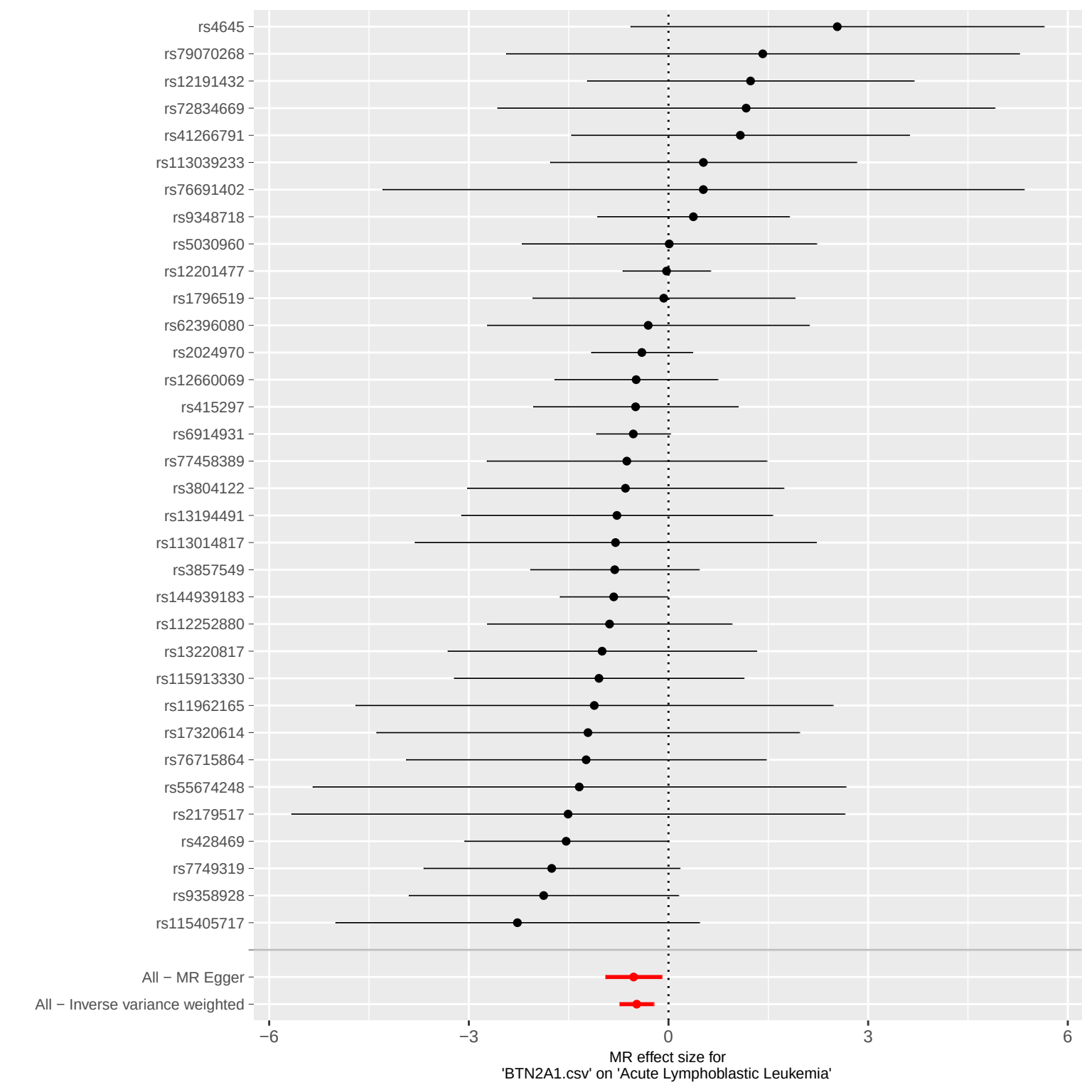
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'BTG2.csv' on 'Acute Lymphoblastic Leukemia'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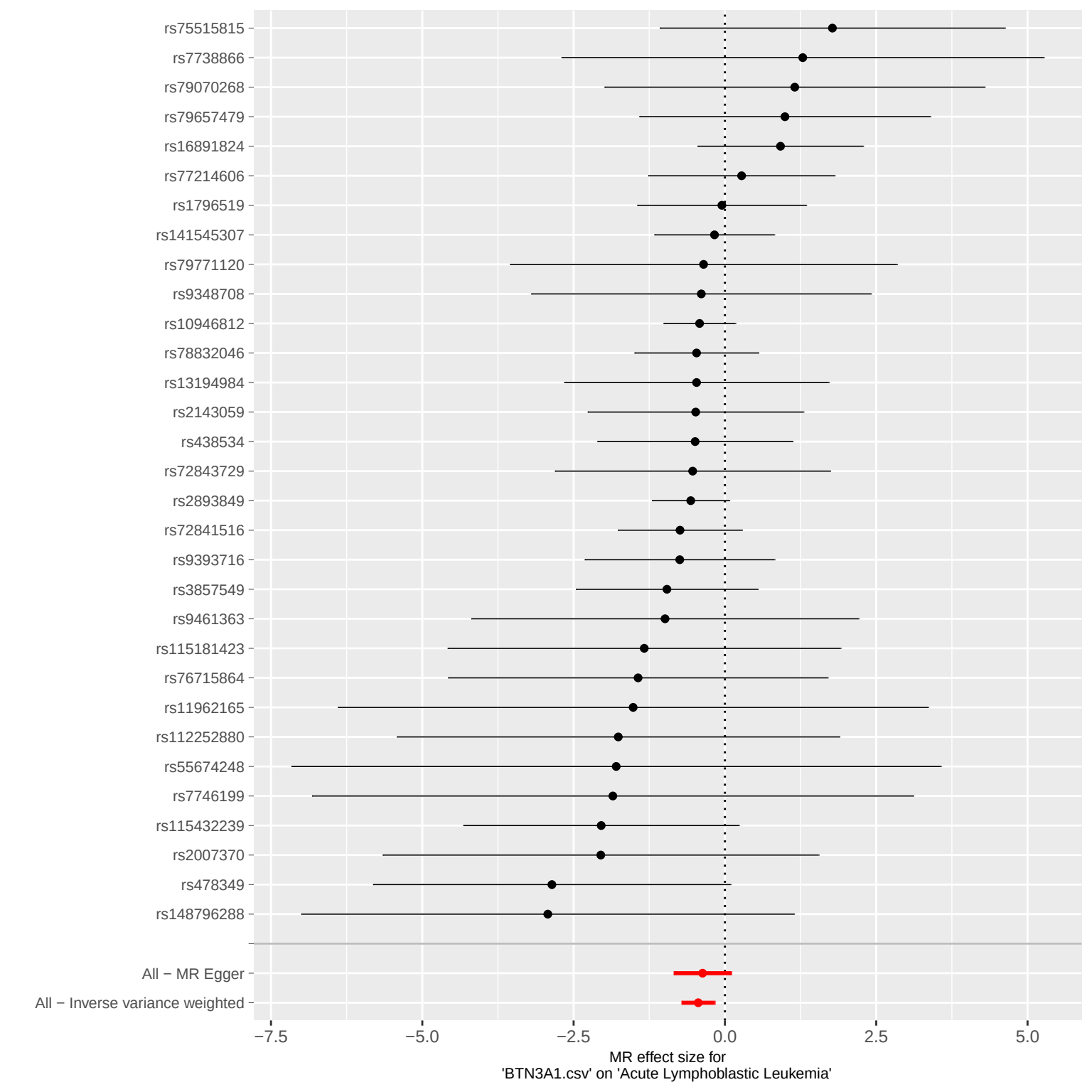
rs428469
rs7749319
rs9358928
rs115405717
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'BTN2A1.csv' on 'Acute Lymphoblastic Leukemia'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rs115181423
rs76715864
rs11962165
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rs55674248
rs7746199
rs115432239
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rs478349
rs148796288
All − MR Egger
All − Inverse variance weighted
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−5.0
−2.5
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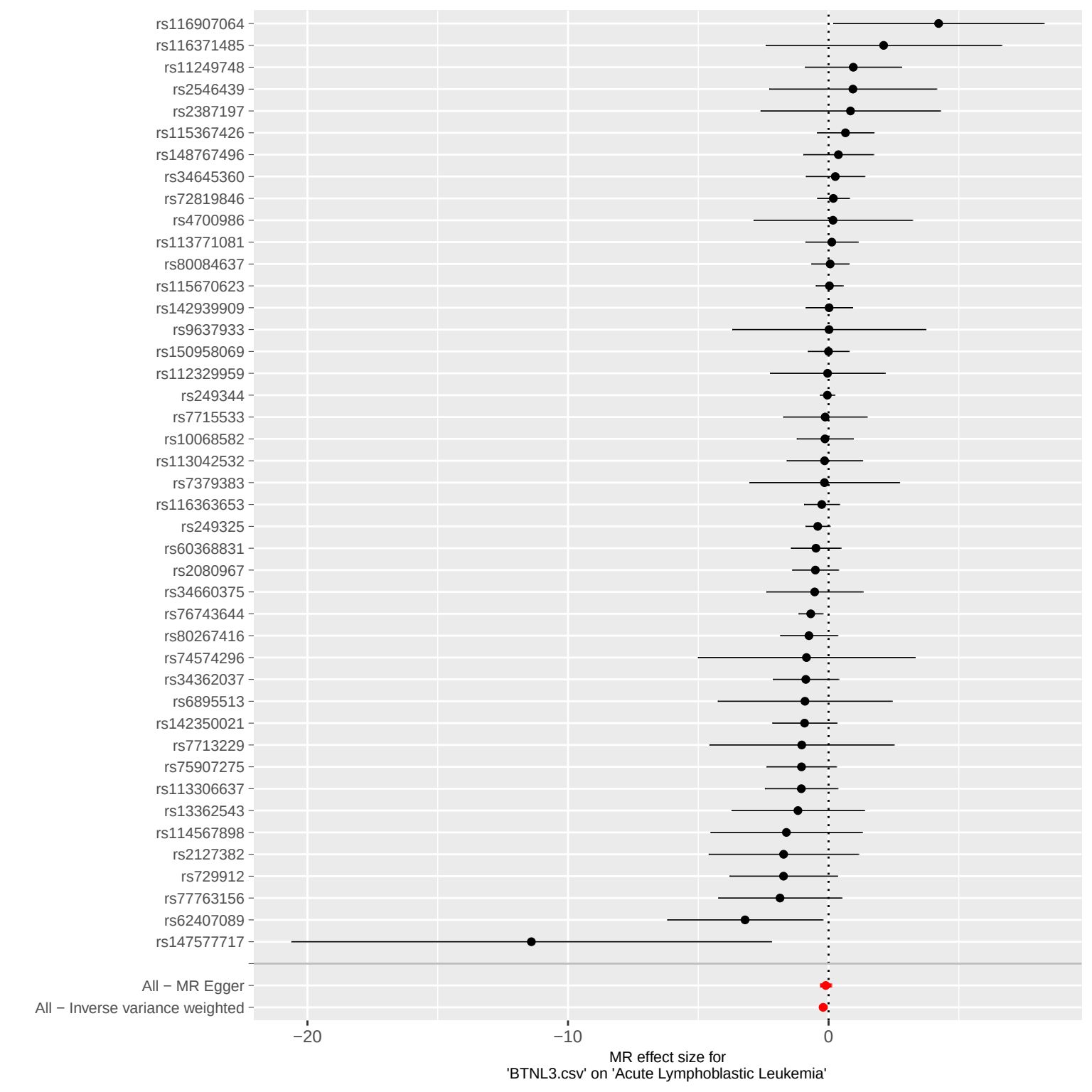
2.5
5.0
MR effect size for
'BTN3A1.csv' on 'Acute Lymphoblastic Leukemia'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rs7713229
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All − MR Egger
All − Inverse variance weighted
−20
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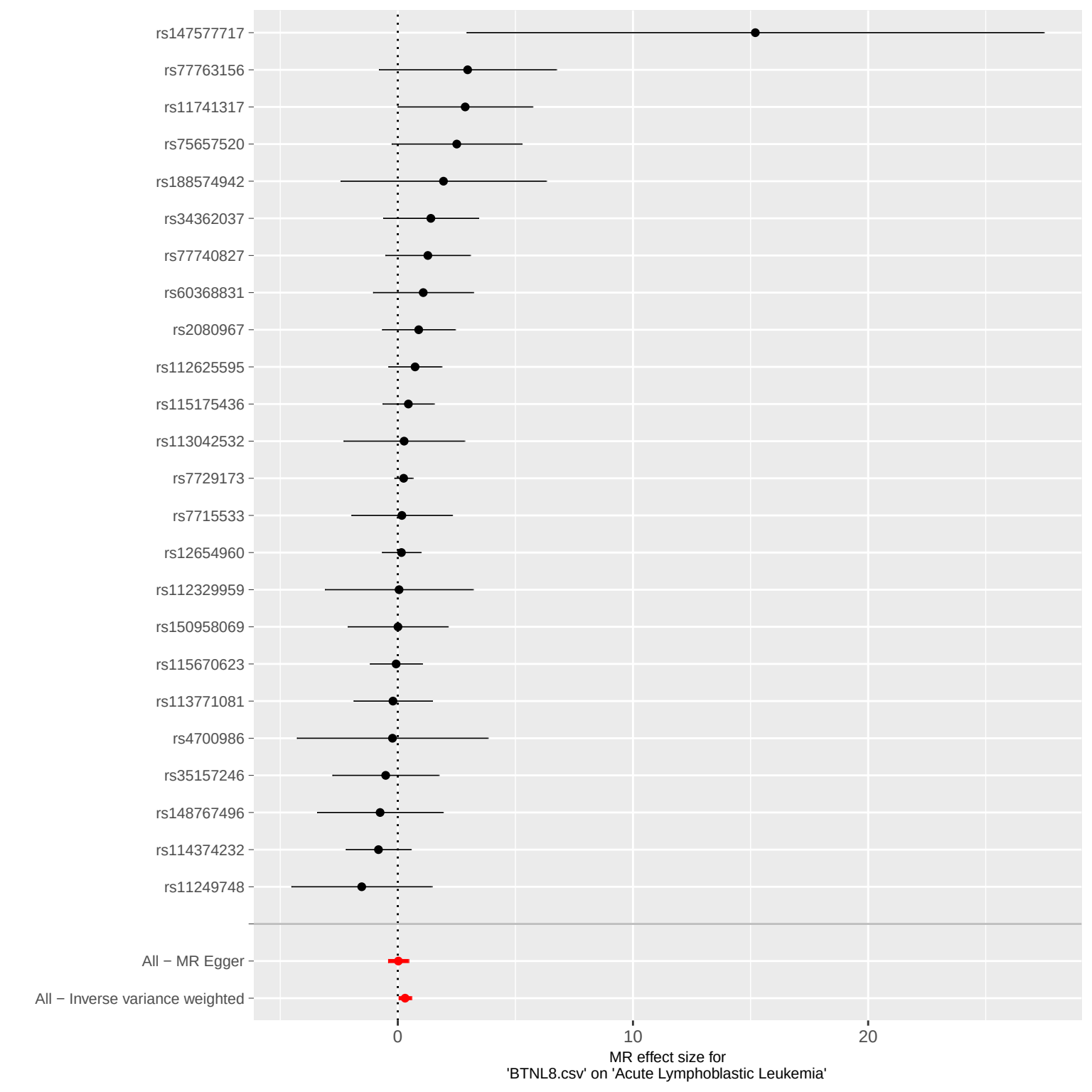
0
MR effect size for
'BTNL3.csv' on 'Acute Lymphoblastic Leukemia'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rs4700986
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All − MR Egger
All − Inverse variance weighted
0
10
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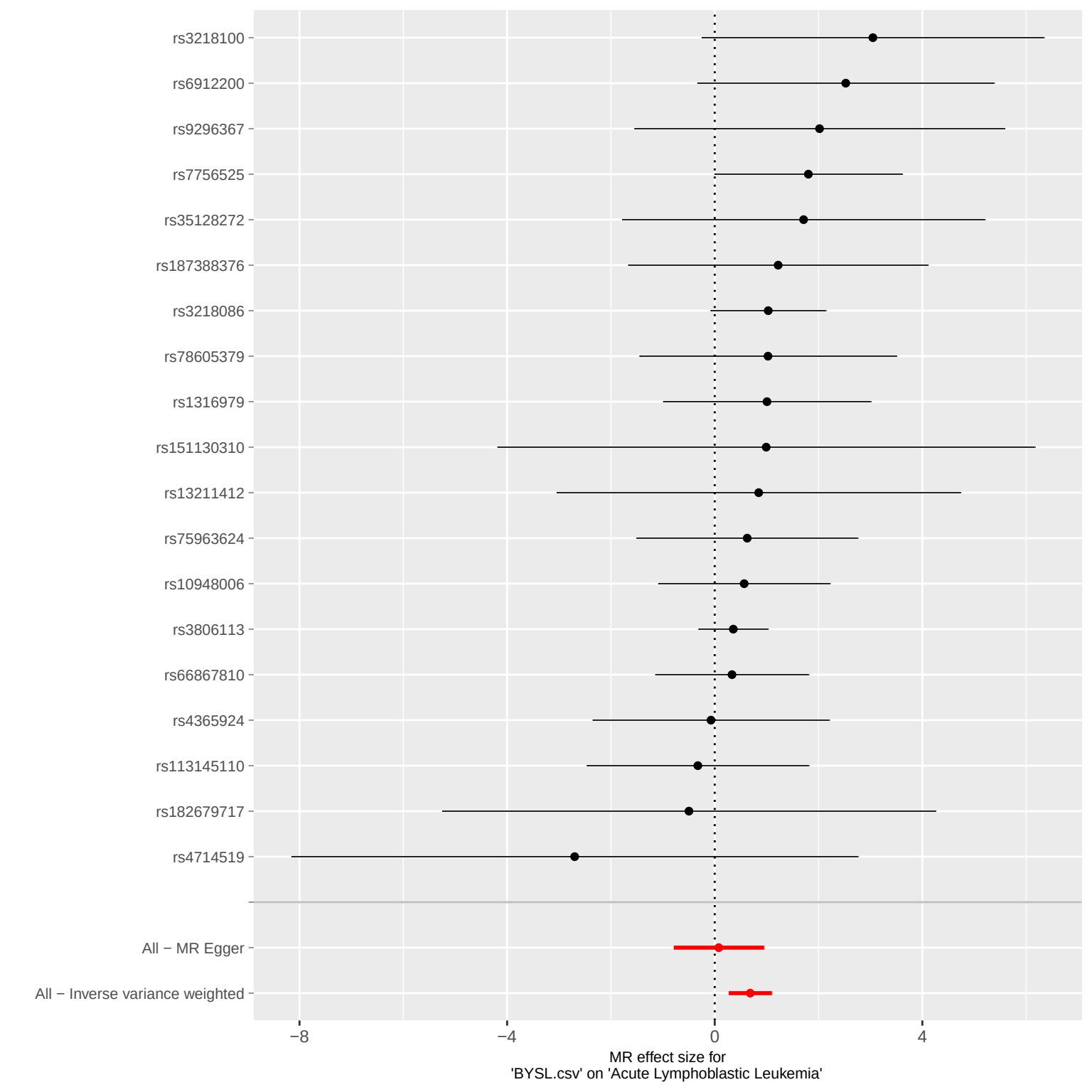
MR effect size for
'BTNL8.csv' on 'Acute Lymphoblastic Leukemia'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rs3806113
rs66867810
rs4365924
rs113145110
rs182679717
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All − MR Egger
All − Inverse variance weighted
−8
−4
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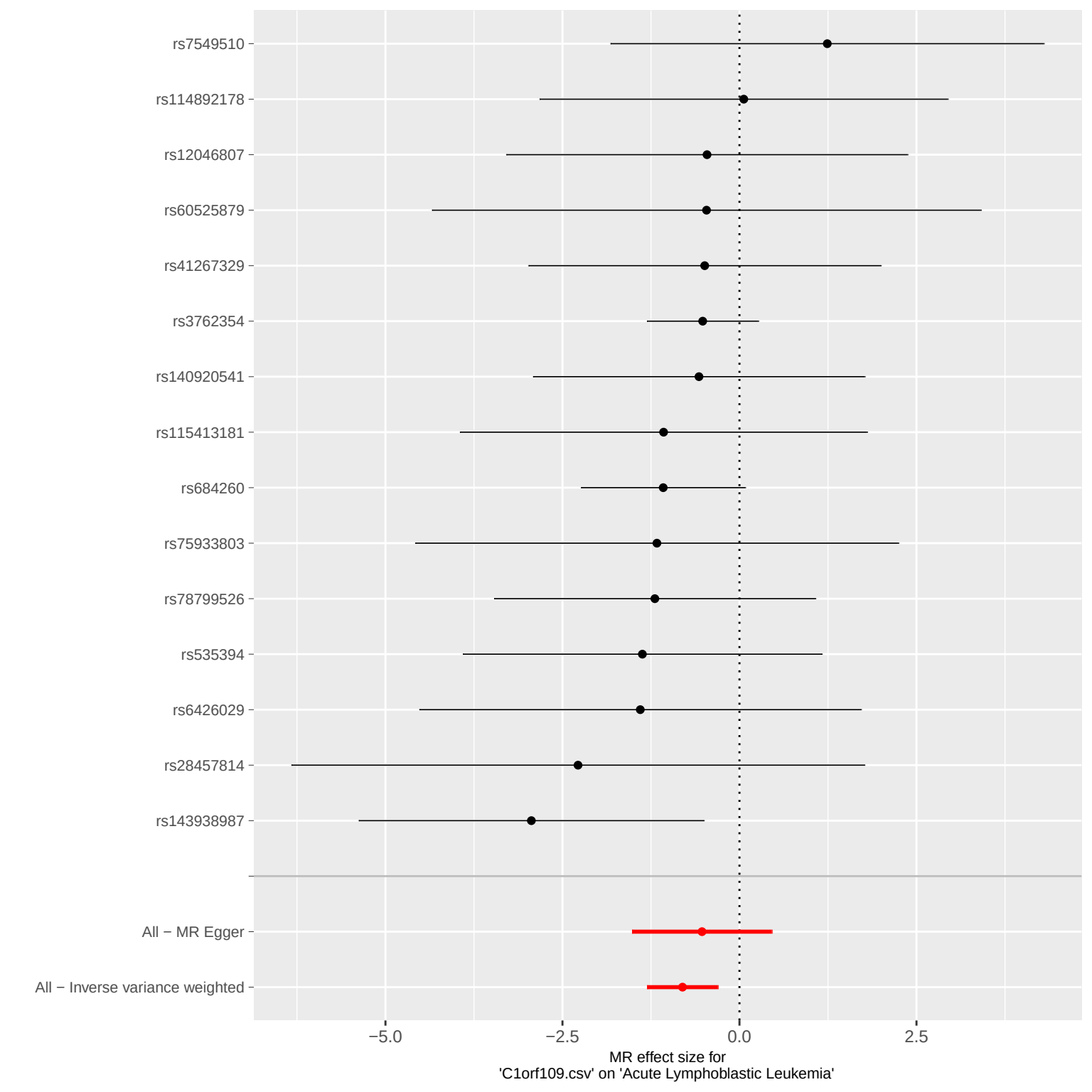
4
MR effect size for
'BYSL.csv' on 'Acute Lymphoblastic Leukemia'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rs3762354
rs140920541
rs115413181
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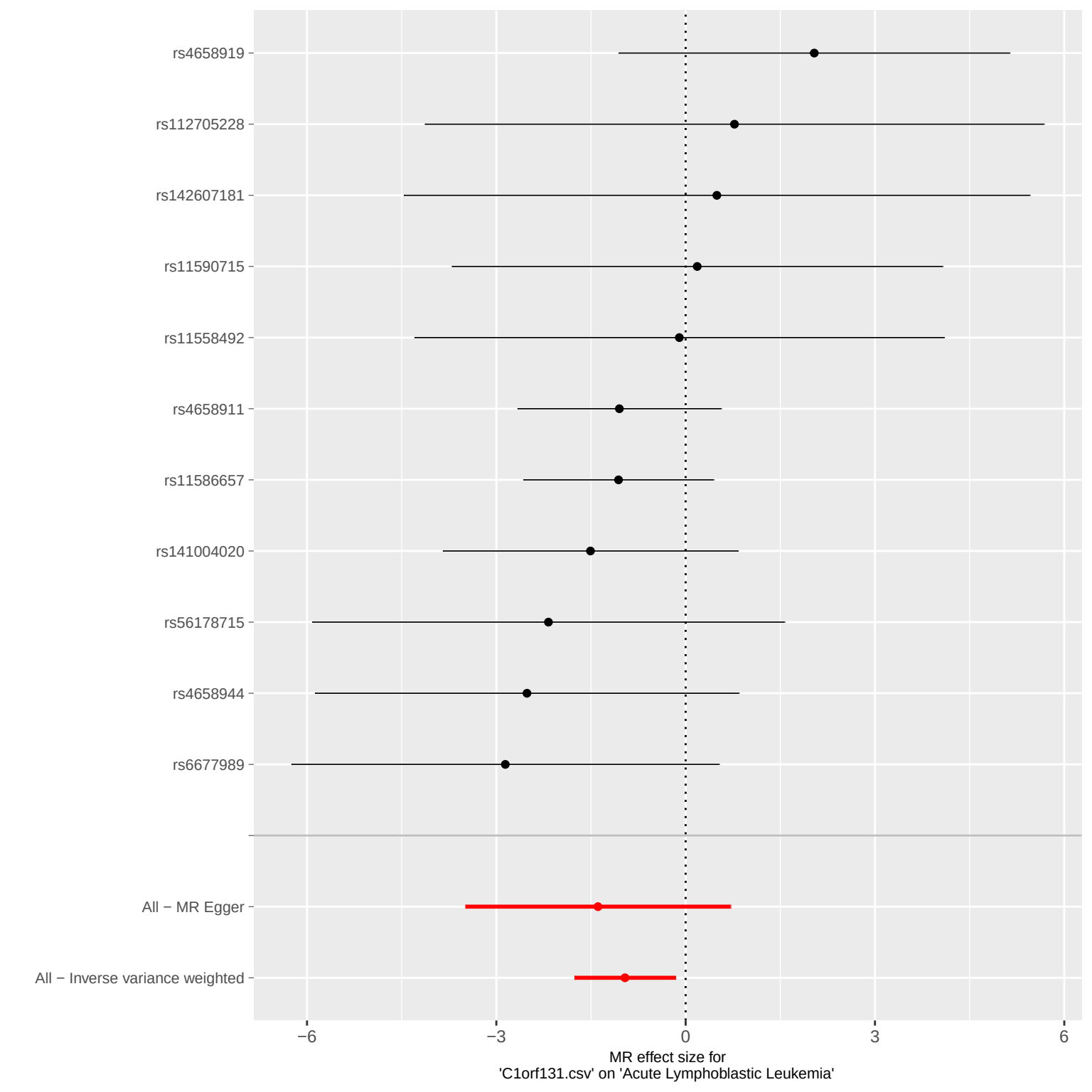
rs78799526
rs535394
rs6426029
rs28457814
rs143938987
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C1orf109.csv' on 'Acute Lymphoblastic Leukemia'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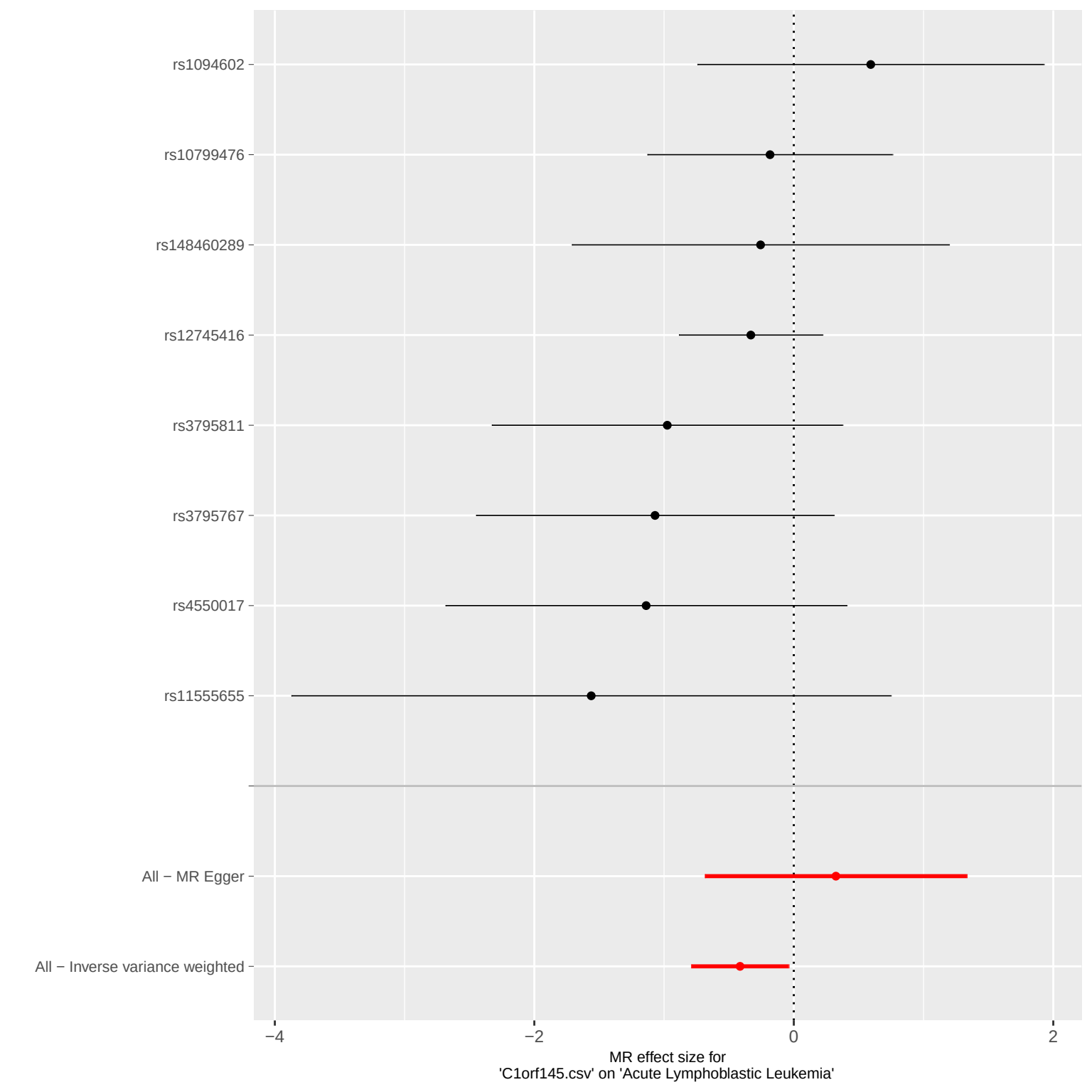
rs56178715
rs4658944
rs6677989
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'C1orf131.csv' on 'Acute Lymphoblastic Leukemia'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rs4550017
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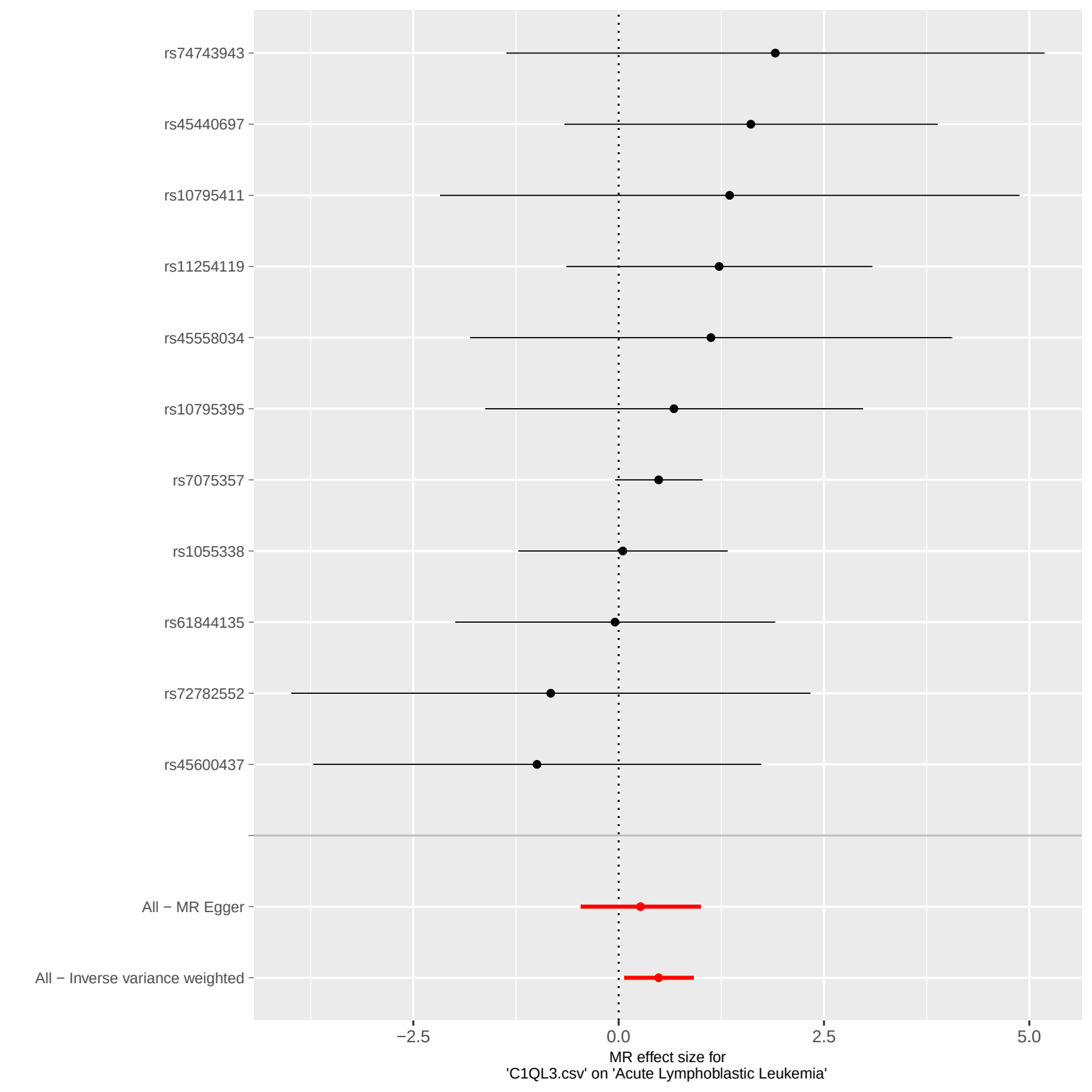
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'C1orf145.csv' on 'Acute Lymphoblastic Leukemia'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rs45600437
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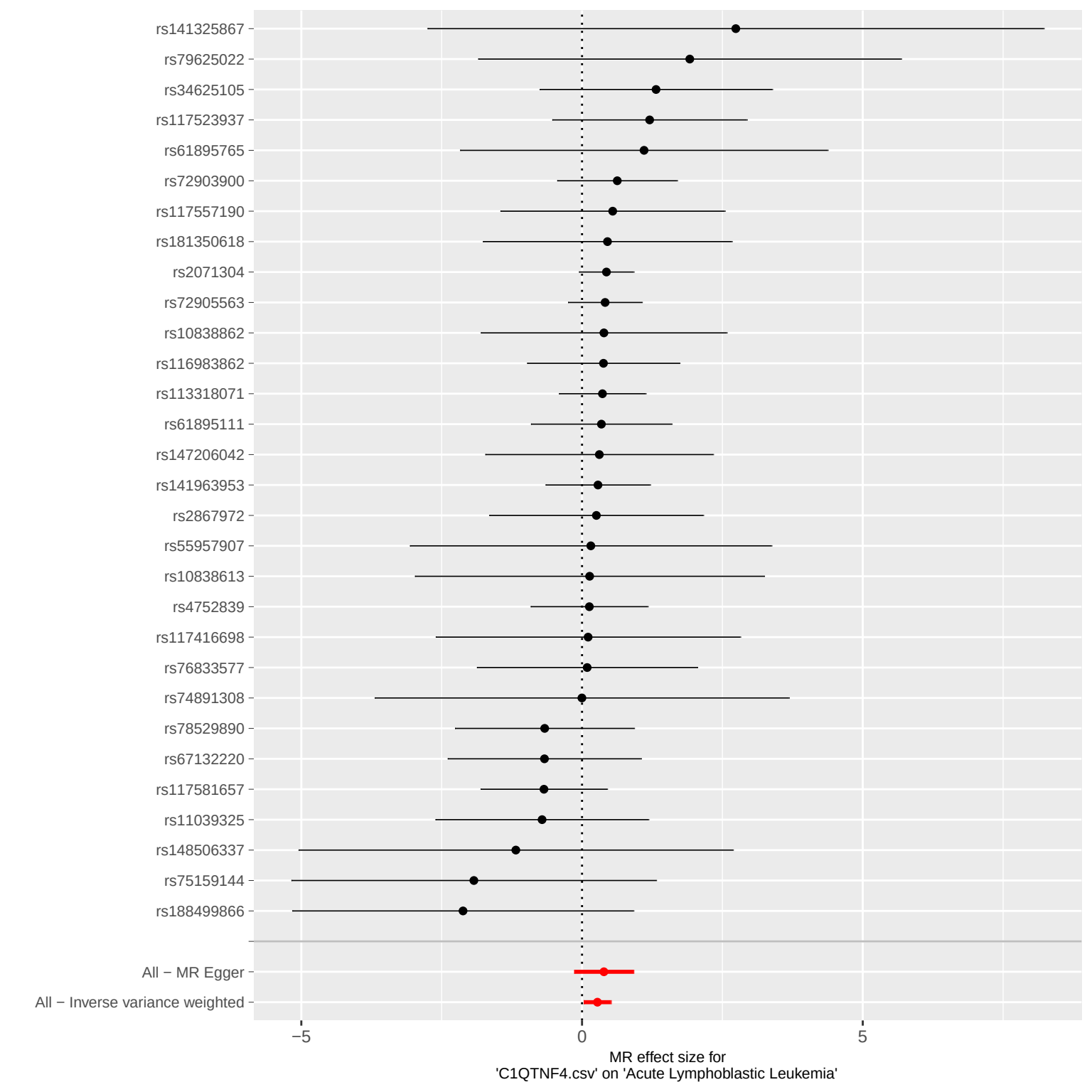
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'C1QL3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−5
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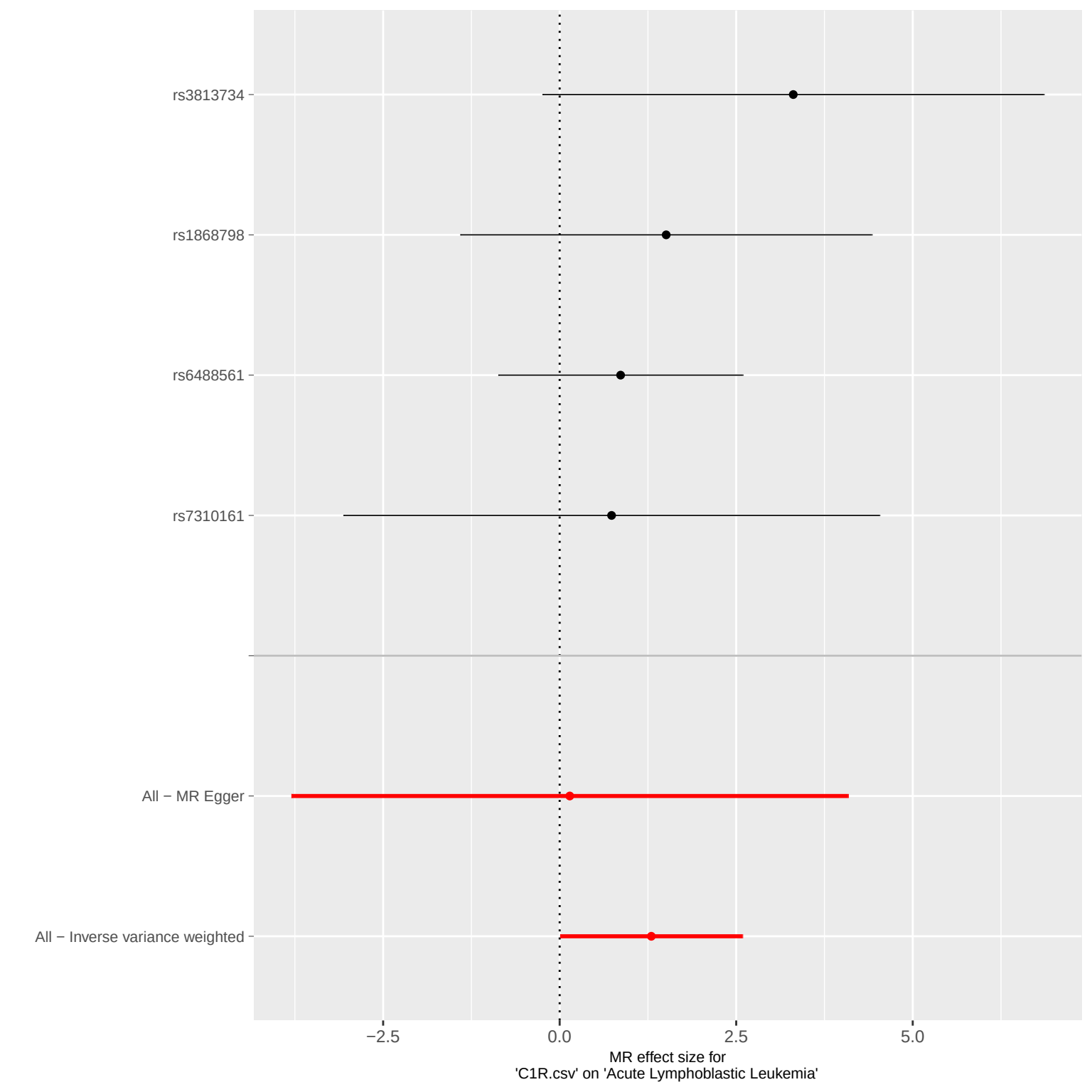
5
MR effect size for
'C1QTNF4.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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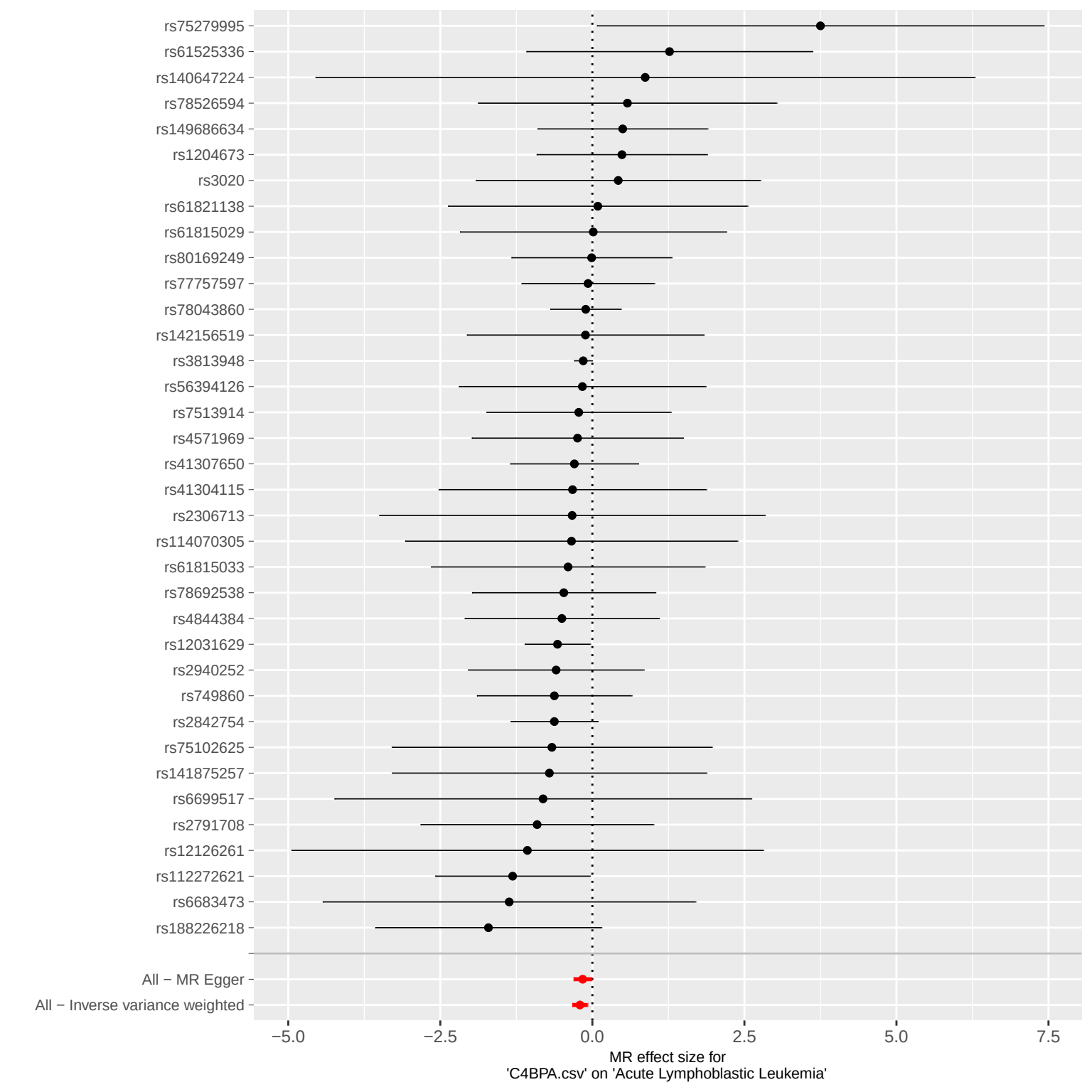
0.0
2.5
5.0
MR effect size for
'C1R.csv' on 'Acute Lymphoblastic Leukemia'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rs2791708
rs12126261
rs112272621
rs6683473
rs188226218
All − MR Egger
All − Inverse variance weighted
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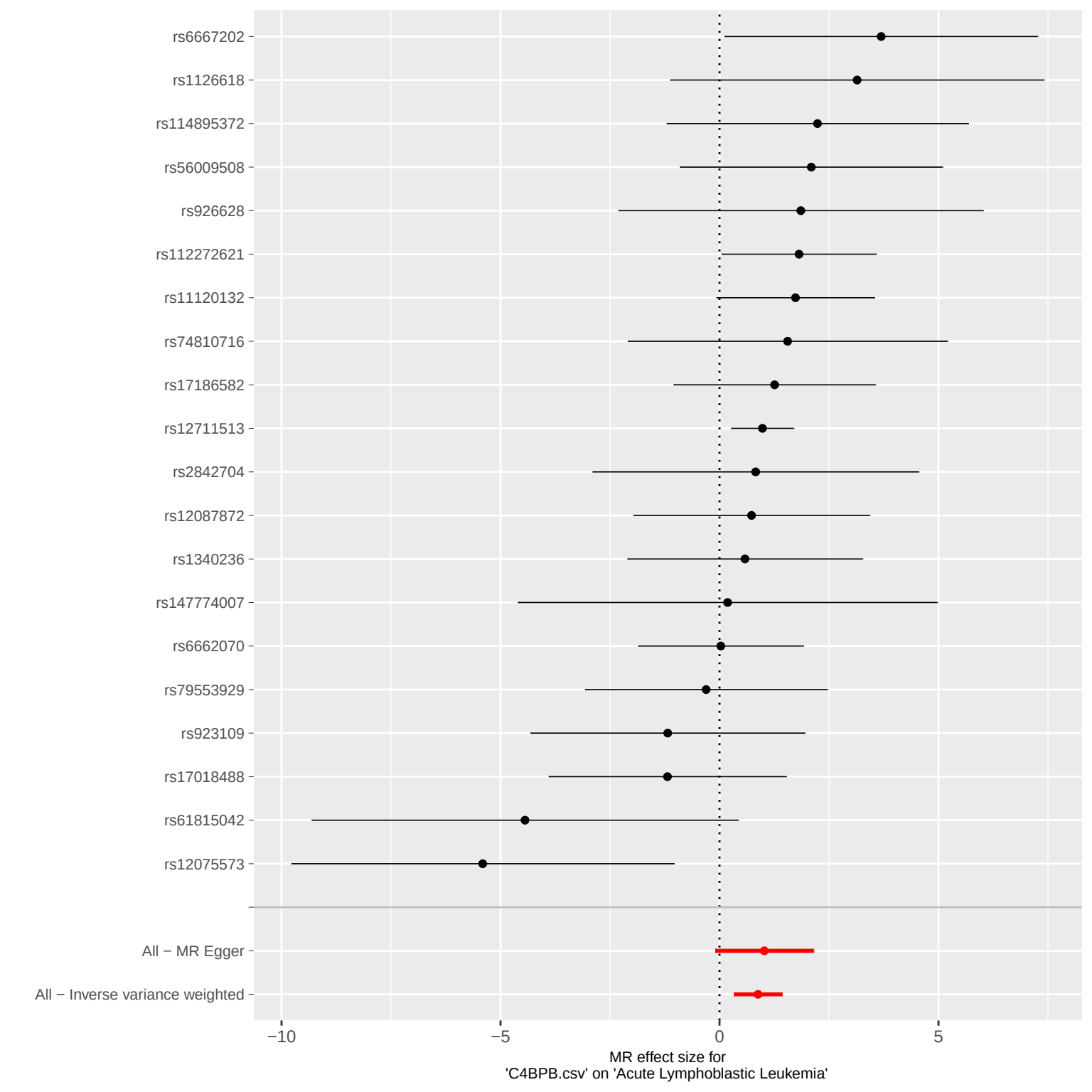
2.5
5.0
7.5
MR effect size for
'C4BPA.csv' on 'Acute Lymphoblastic Leukemia'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rs12087872
rs1340236
rs147774007
rs6662070
rs79553929
rs923109
rs17018488
rs61815042
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All − MR Egger
All − Inverse variance weighted
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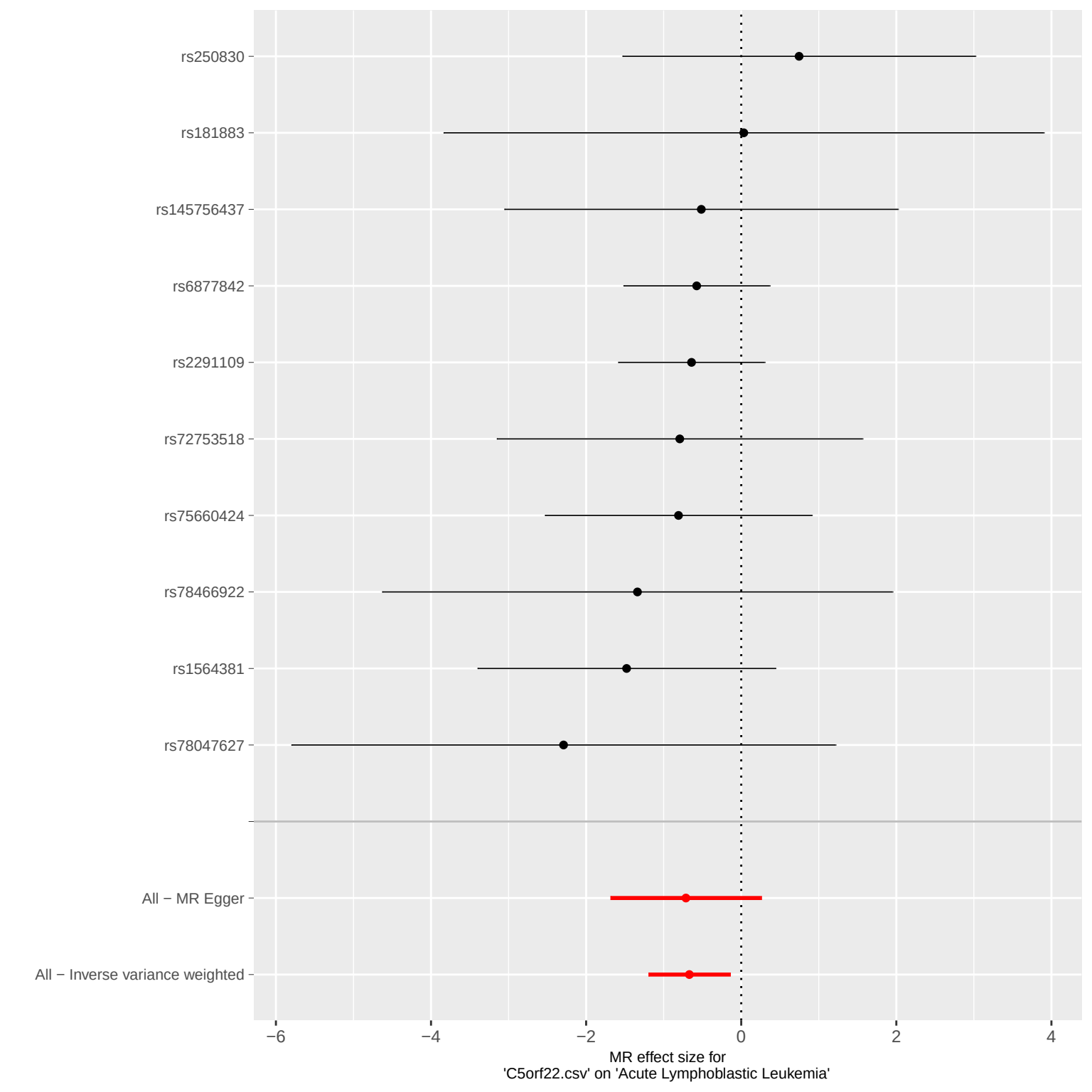
−5
0
5
MR effect size for
'C4BPB.csv' on 'Acute Lymphoblastic Leukemia'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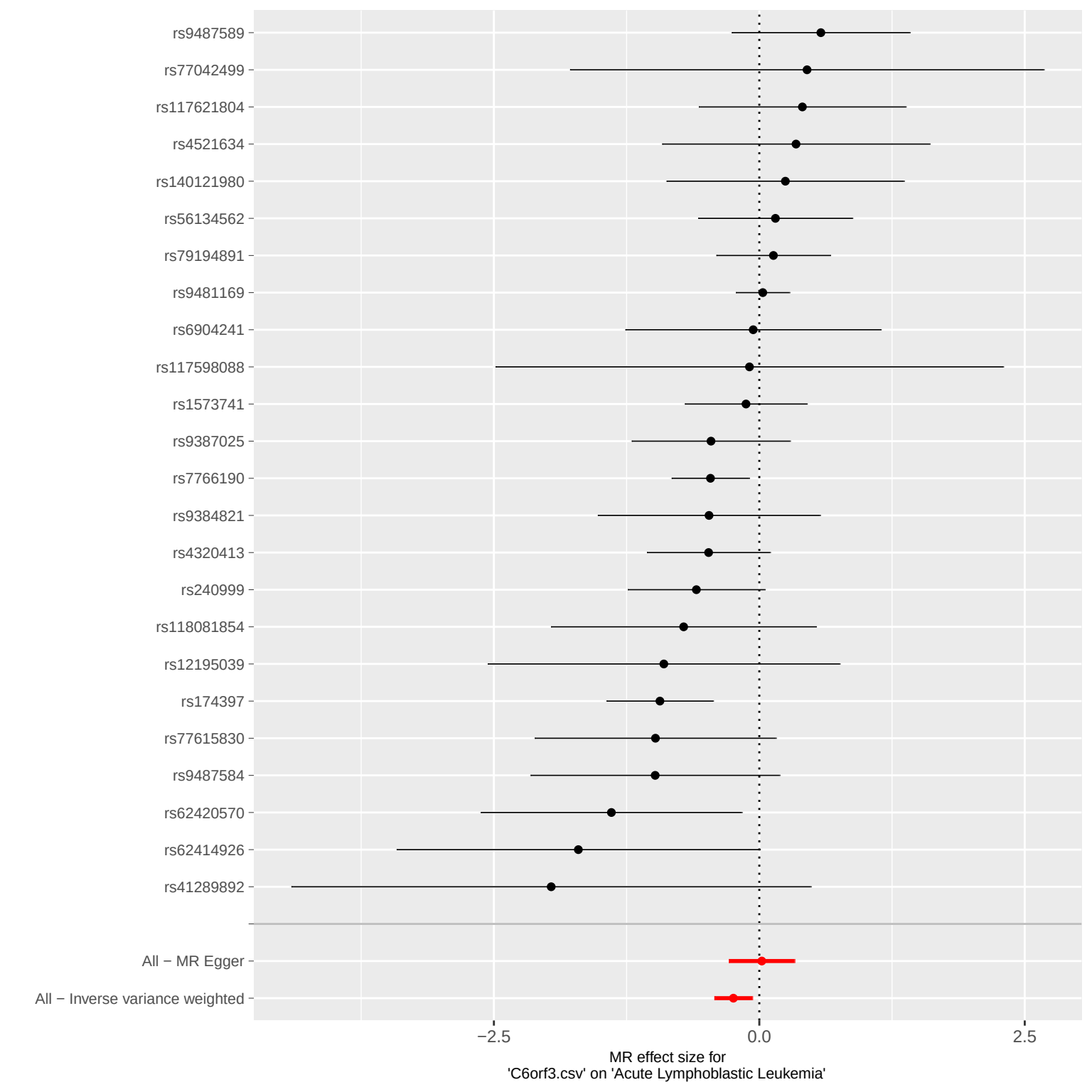
rs72753518
rs75660424
rs78466922
rs1564381
rs78047627
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'C5orf22.csv' on 'Acute Lymphoblastic Leukemia'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rs240999
rs118081854
rs12195039
rs174397
rs77615830
rs9487584
rs62420570
rs62414926
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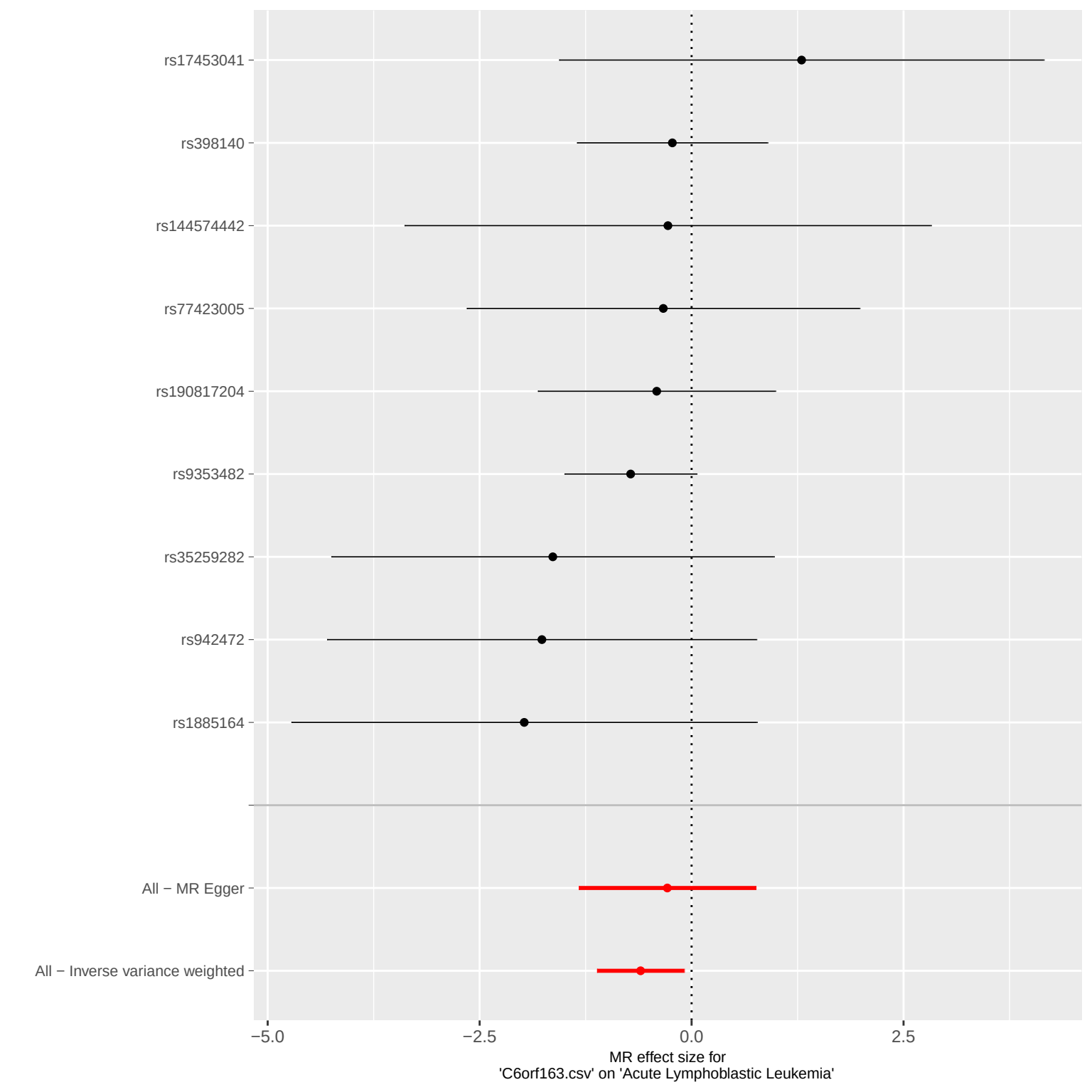
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'C6orf3.csv' on 'Acute Lymphoblastic Leukemia'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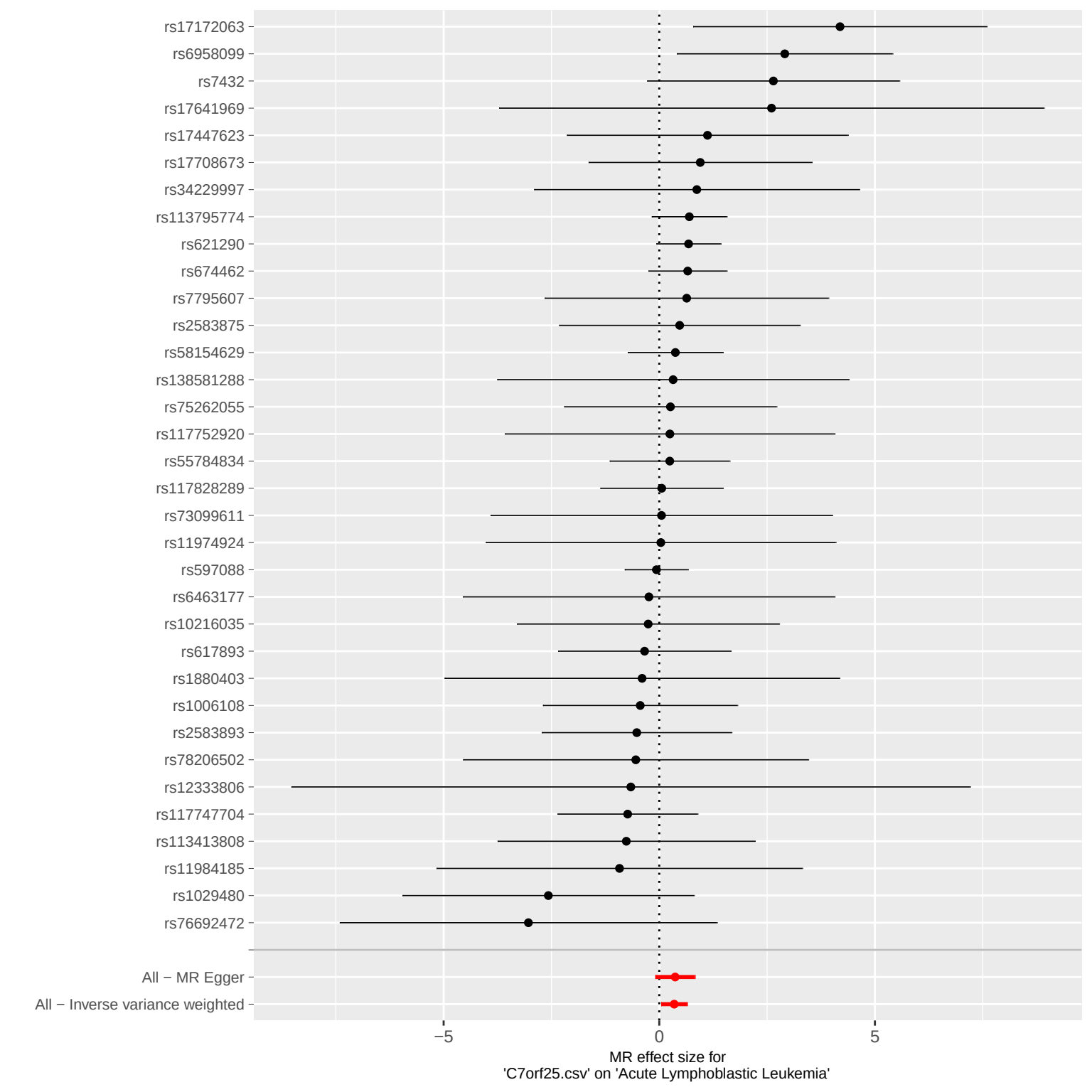
rs942472
rs1885164
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C6orf163.csv' on 'Acute Lymphoblastic Leukemia'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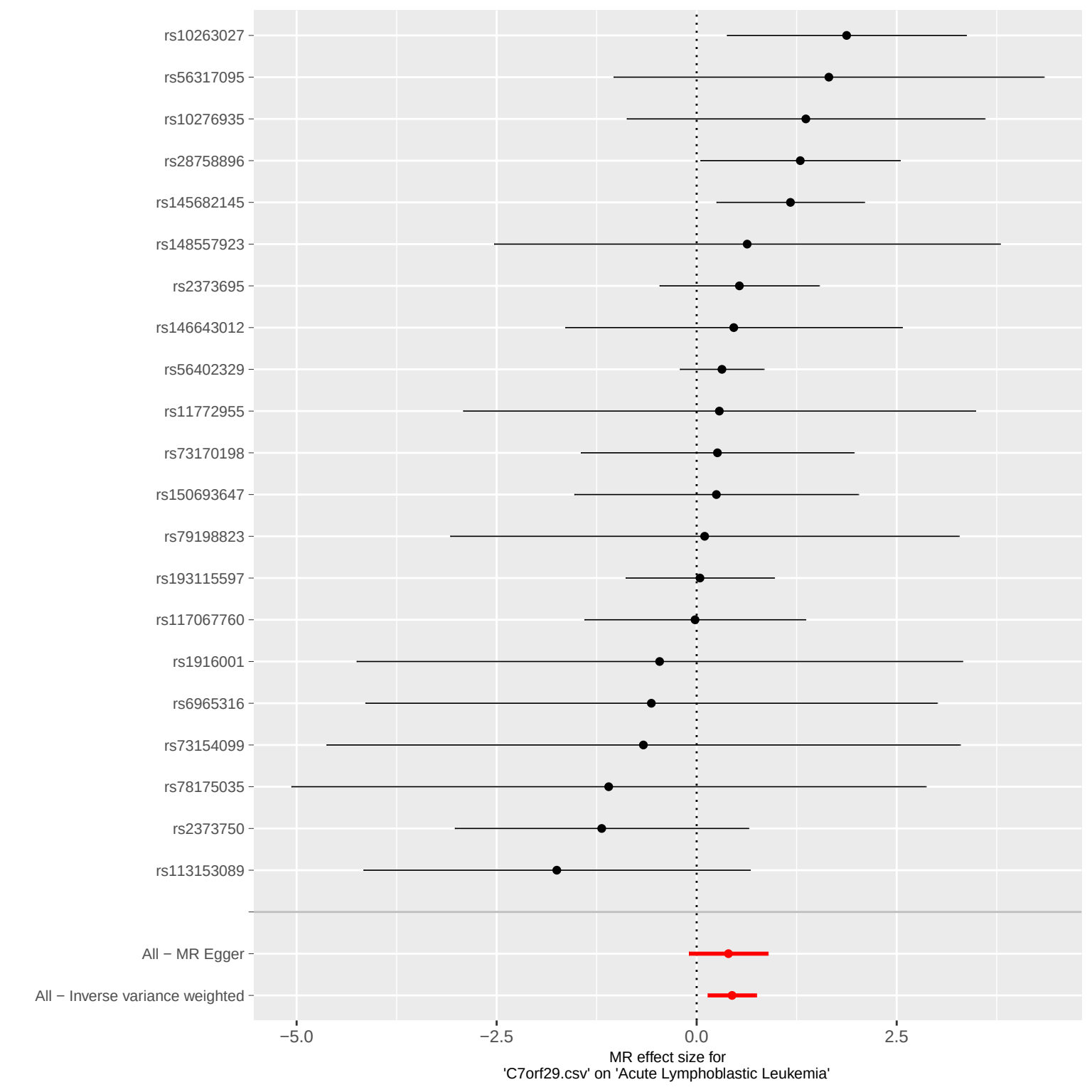
rs117747704
rs113413808
rs11984185
rs1029480
rs76692472
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'C7orf25.csv' on 'Acute Lymphoblastic Leukemia'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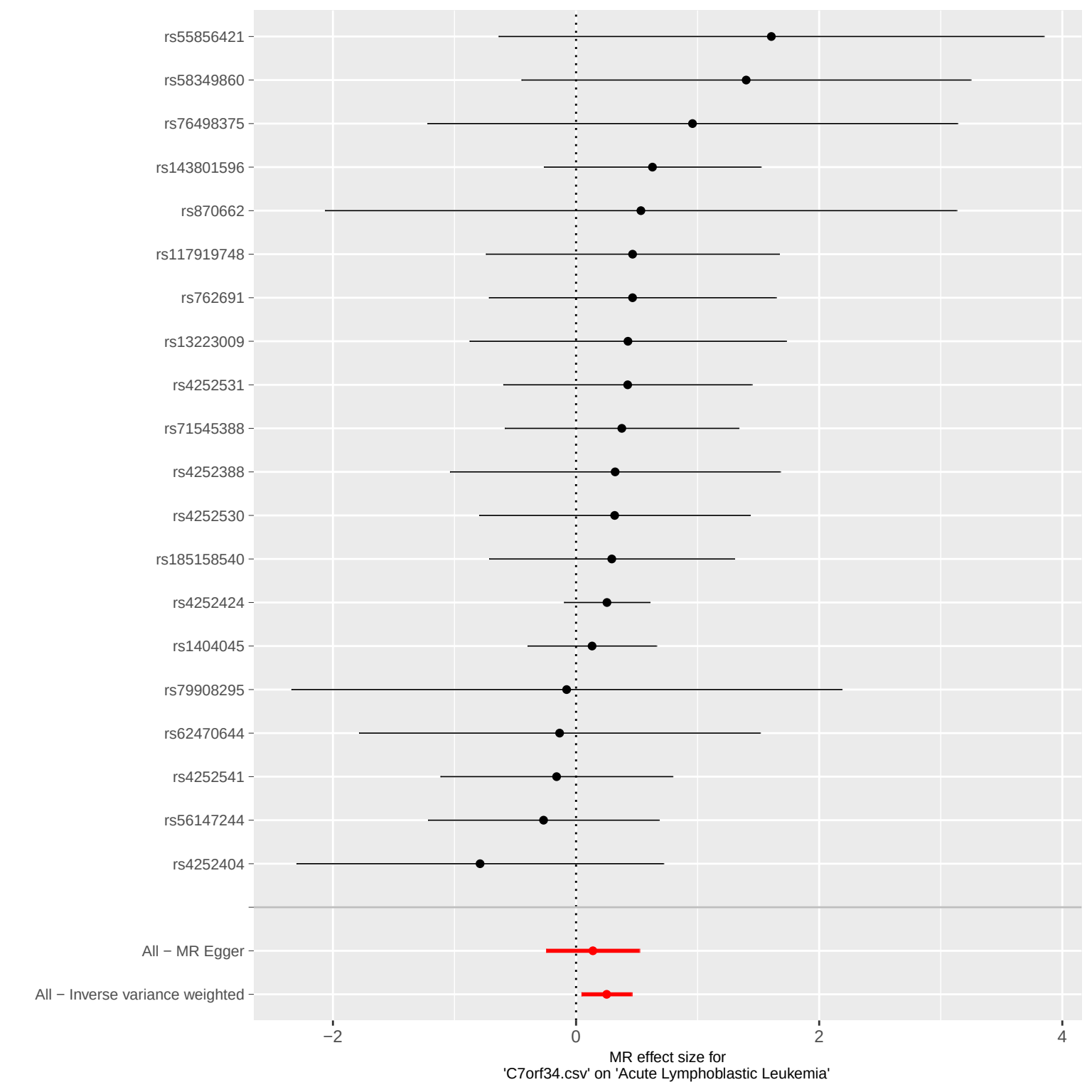
rs79198823
rs193115597
rs117067760
rs1916001
rs6965316
rs73154099
rs78175035
rs2373750
rs113153089
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C7orf29.csv' on 'Acute Lymphoblastic Leukemia'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rs4252388
rs4252530
rs185158540
rs4252424
rs1404045
rs79908295
rs62470644
rs4252541
rs56147244
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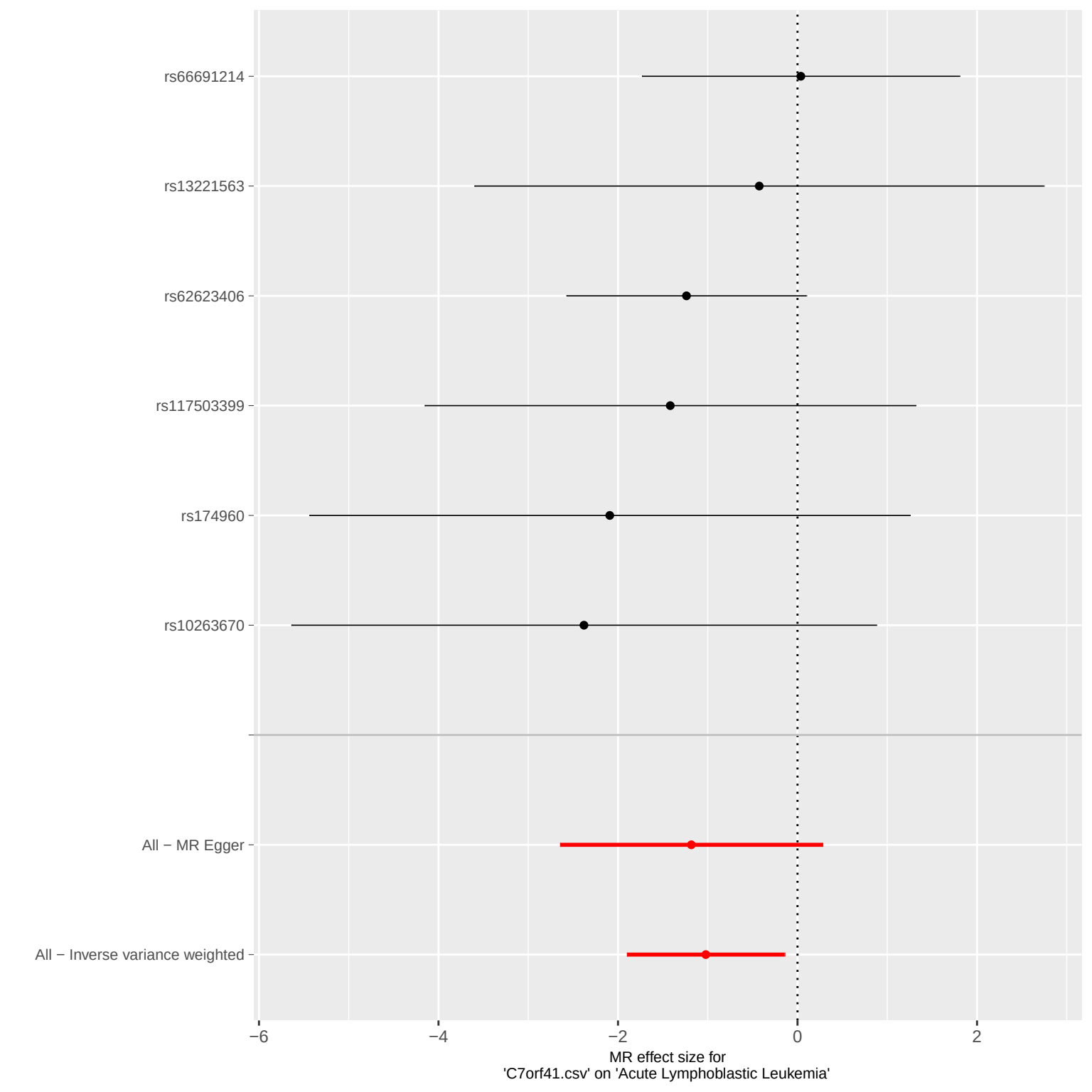
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C7orf34.csv' on 'Acute Lymphoblastic Leukemia'


rs66691214
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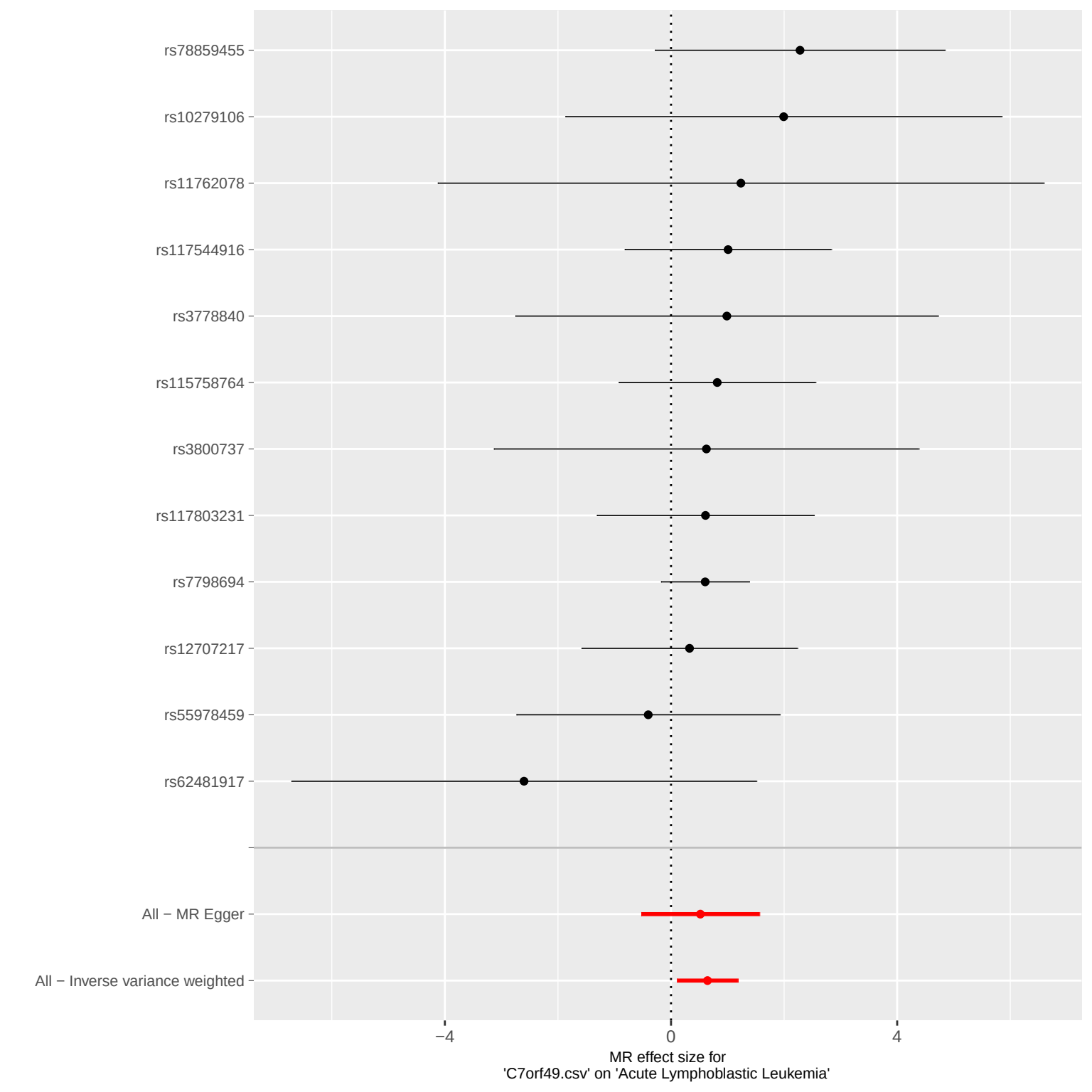
rs62623406
rs117503399
rs174960
rs10263670
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'C7orf41.csv' on 'Acute Lymphoblastic Leukemia'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rs115758764
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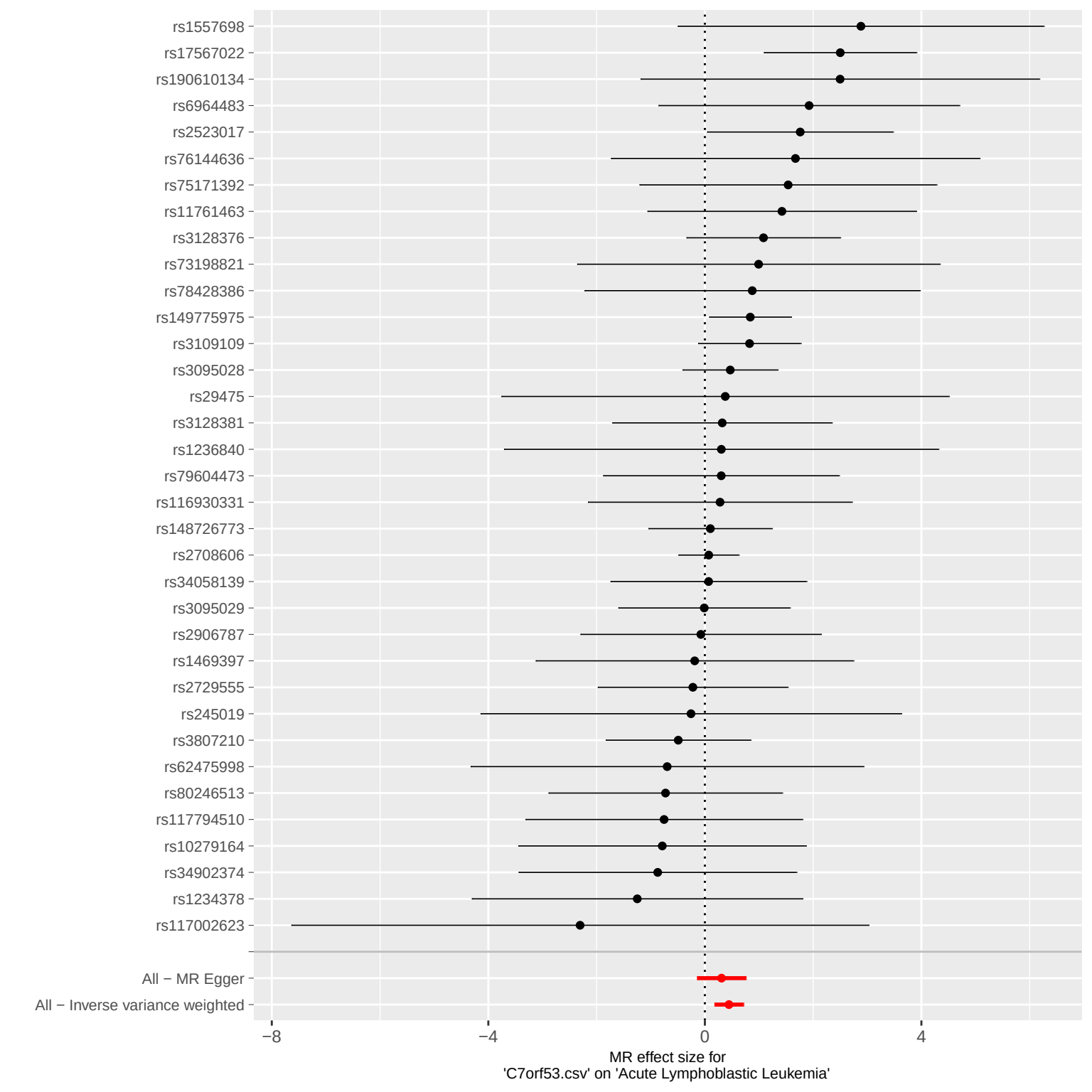
rs12707217
rs55978459
rs62481917
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'C7orf49.csv' on 'Acute Lymphoblastic Leukemia'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rs3128381
rs1236840
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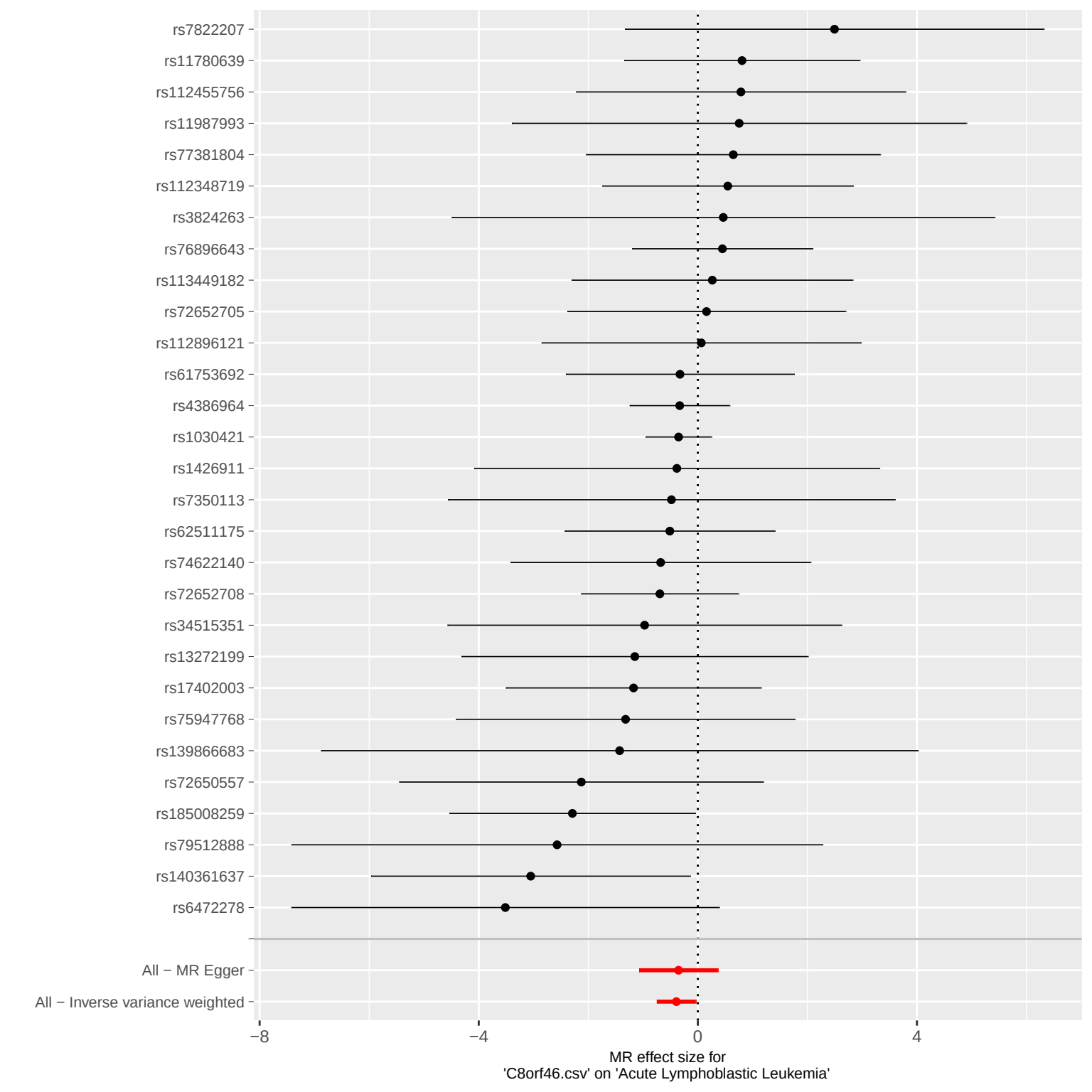
rs148726773
rs2708606
rs34058139
rs3095029
rs2906787
rs1469397
rs2729555
rs245019
rs3807210
rs62475998
rs80246513
rs117794510
rs10279164
rs34902374
rs1234378
rs117002623
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'C7orf53.csv' on 'Acute Lymphoblastic Leukemia'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rs34515351
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rs17402003
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rs72650557
rs185008259
rs79512888
rs140361637
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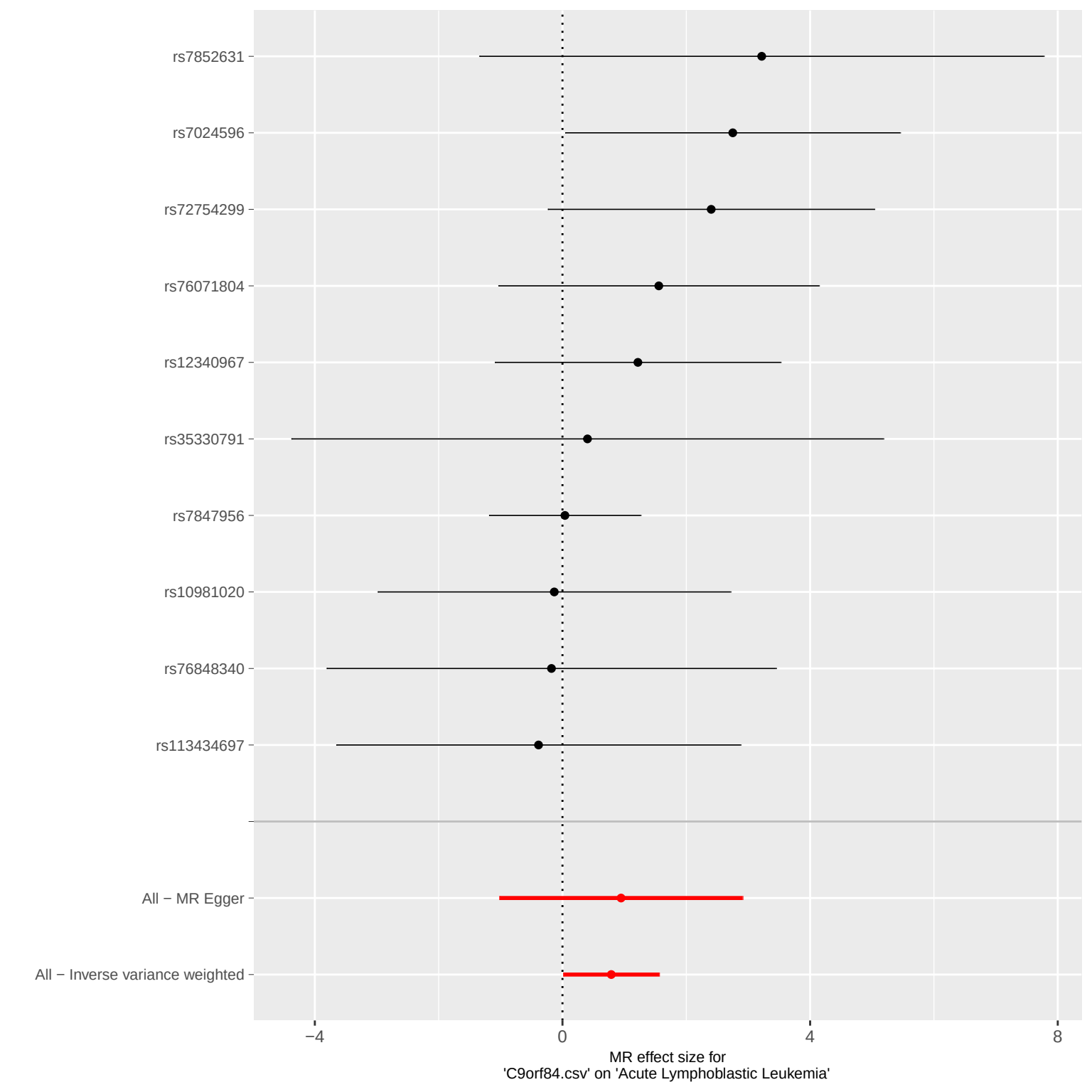
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'C8orf46.csv' on 'Acute Lymphoblastic Leukemia'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rs76071804
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rs35330791
rs7847956
rs10981020
rs76848340
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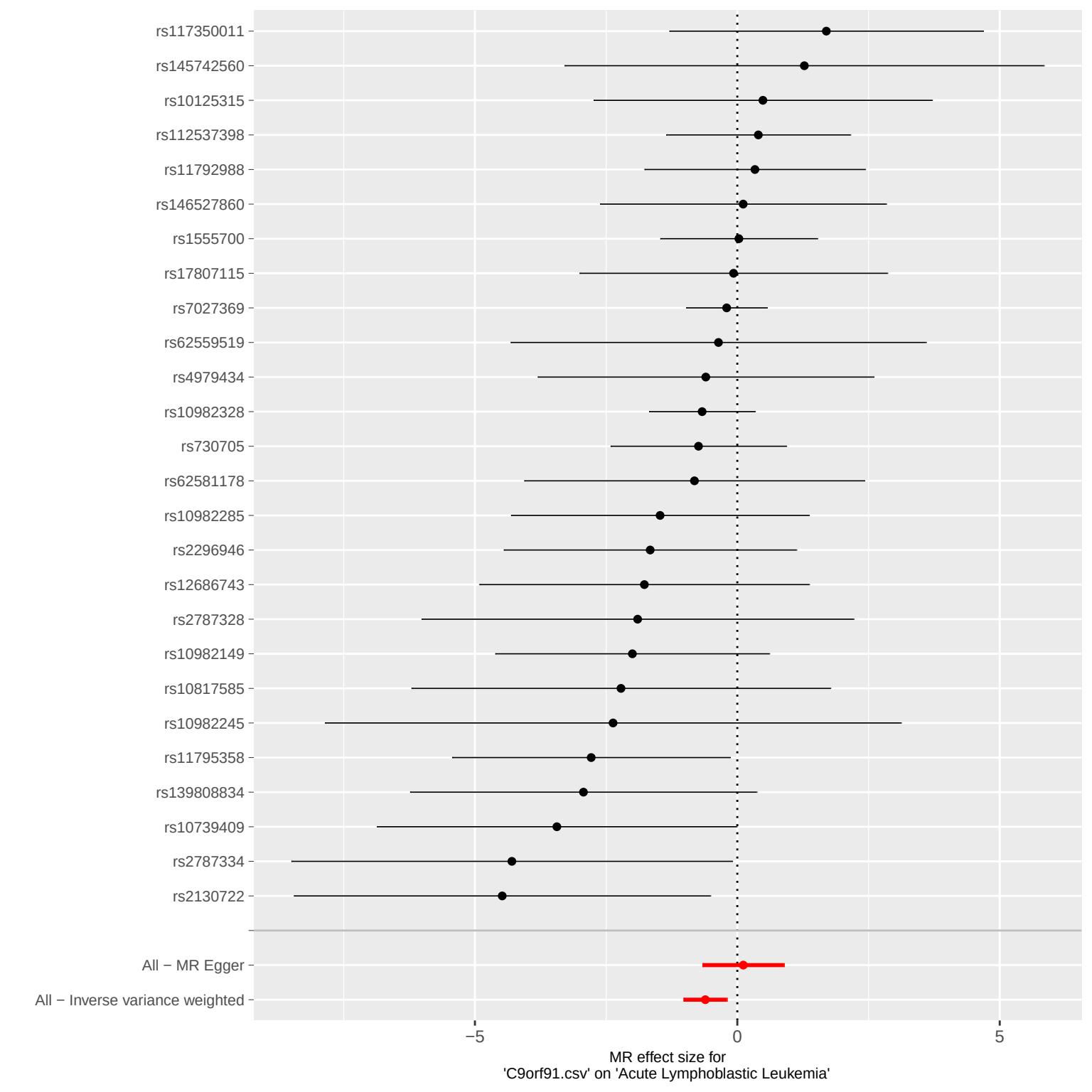
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'C9orf84.csv' on 'Acute Lymphoblastic Leukemia'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rs10982328
rs730705
rs62581178
rs10982285
rs2296946
rs12686743
rs2787328
rs10982149
rs10817585
rs10982245
rs11795358
rs139808834
rs10739409
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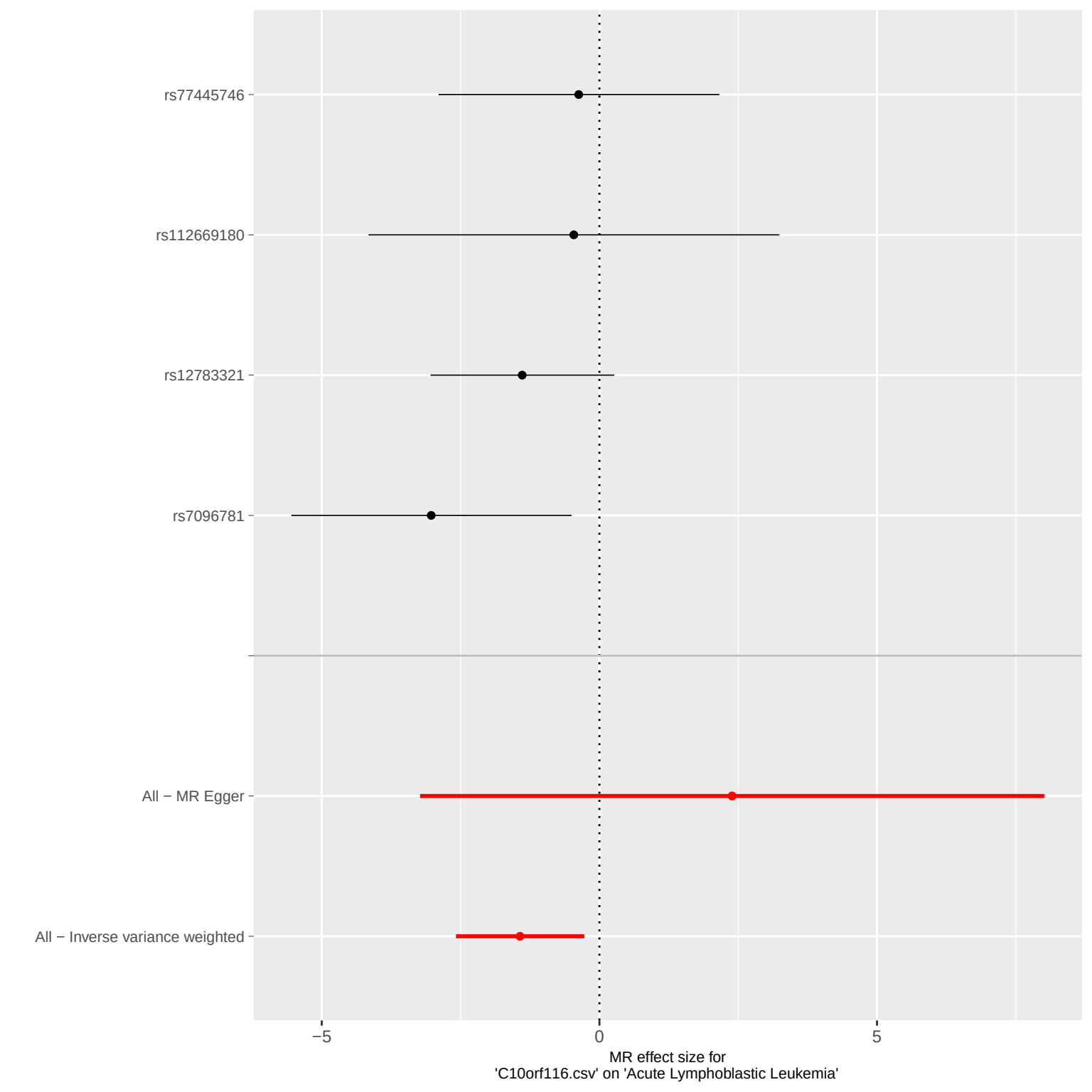
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'C9orf91.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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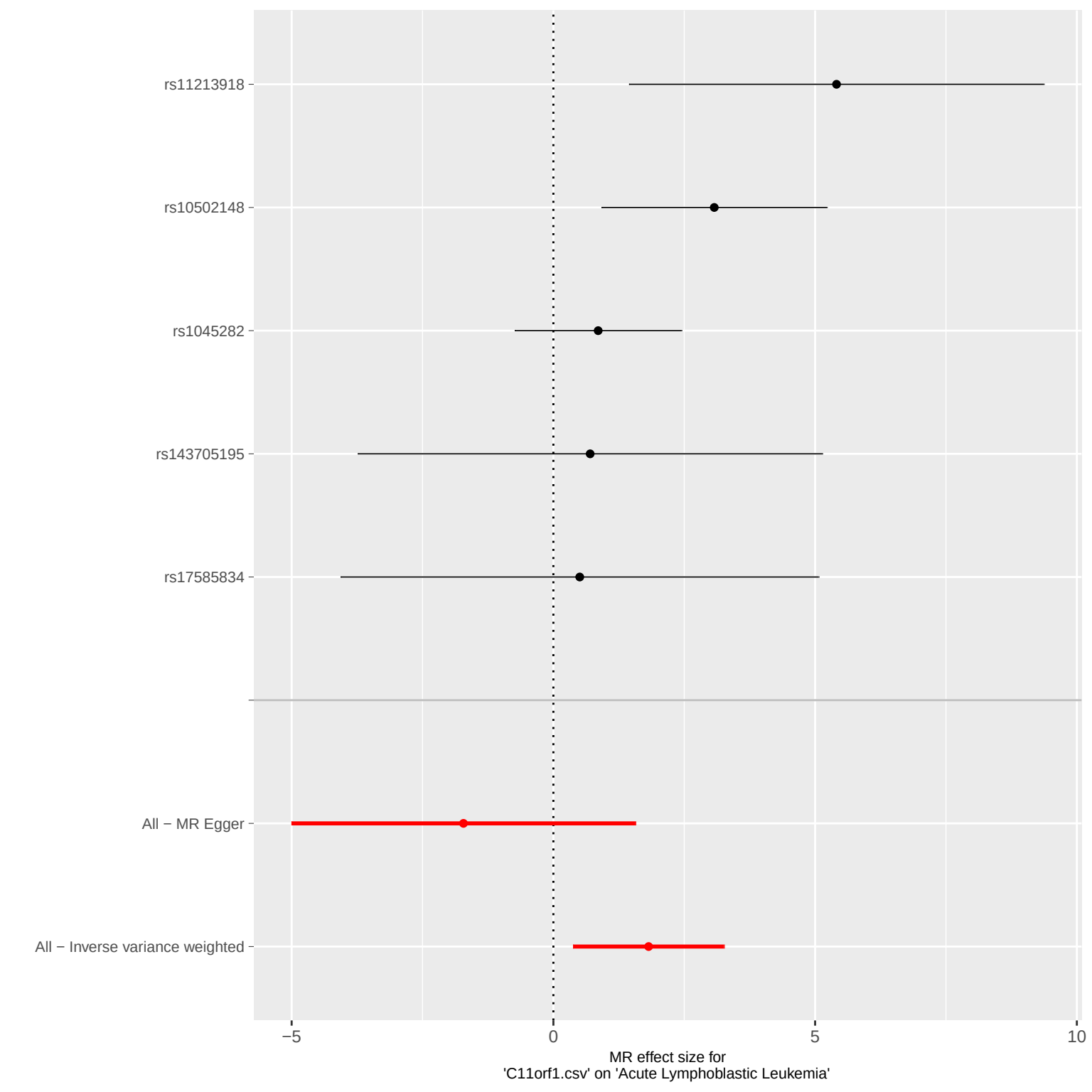
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rs1045282
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All − Inverse variance weighted
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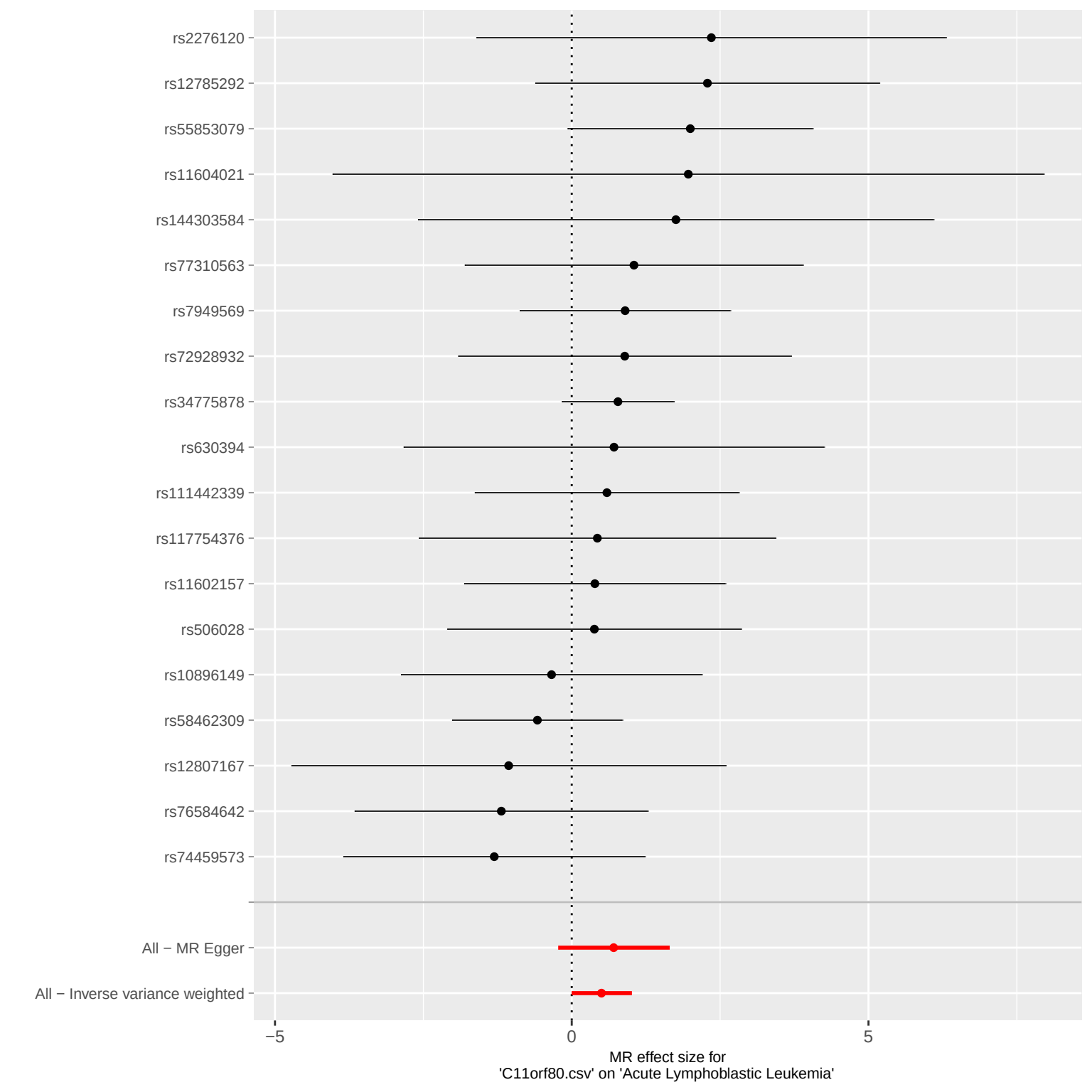
0
5
10
MR effect size for
'C11orf1.csv' on 'Acute Lymphoblastic Leukemia'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rs506028
rs10896149
rs58462309
rs12807167
rs76584642
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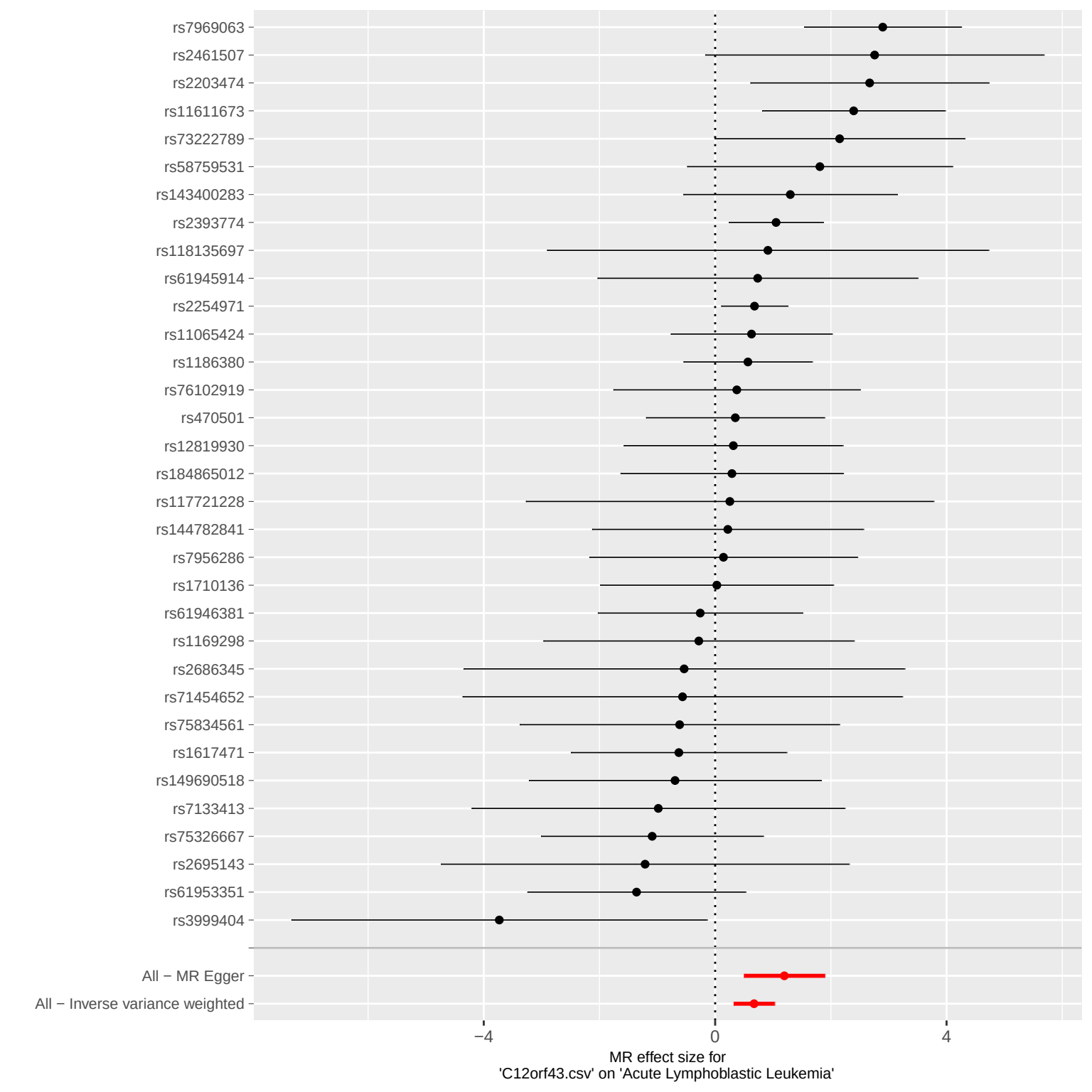
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'C11orf80.csv' on 'Acute Lymphoblastic Leukemia'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rs1617471
rs149690518
rs7133413
rs75326667
rs2695143
rs61953351
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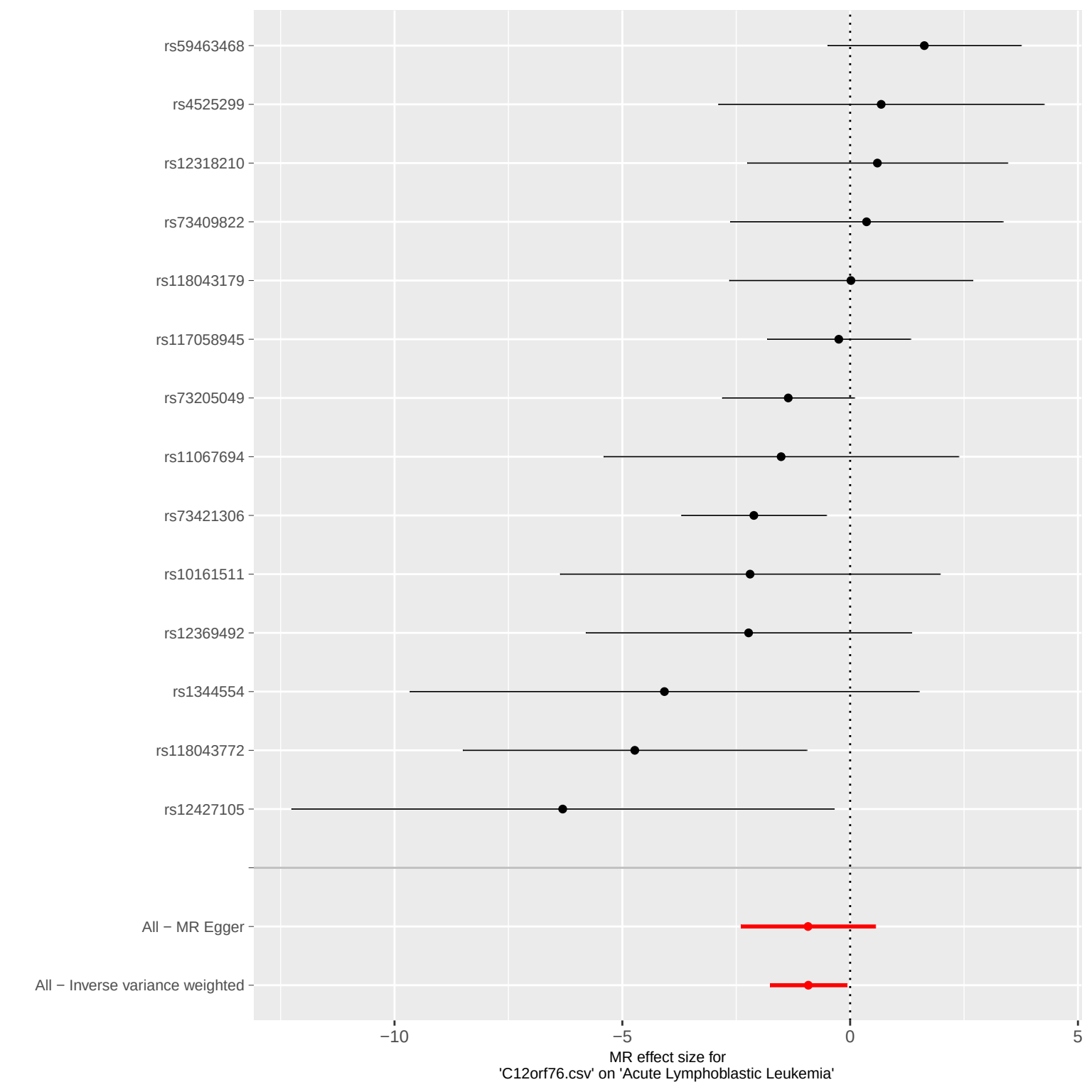
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'C12orf43.csv' on 'Acute Lymphoblastic Leukemia'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rs12369492
rs1344554
rs118043772
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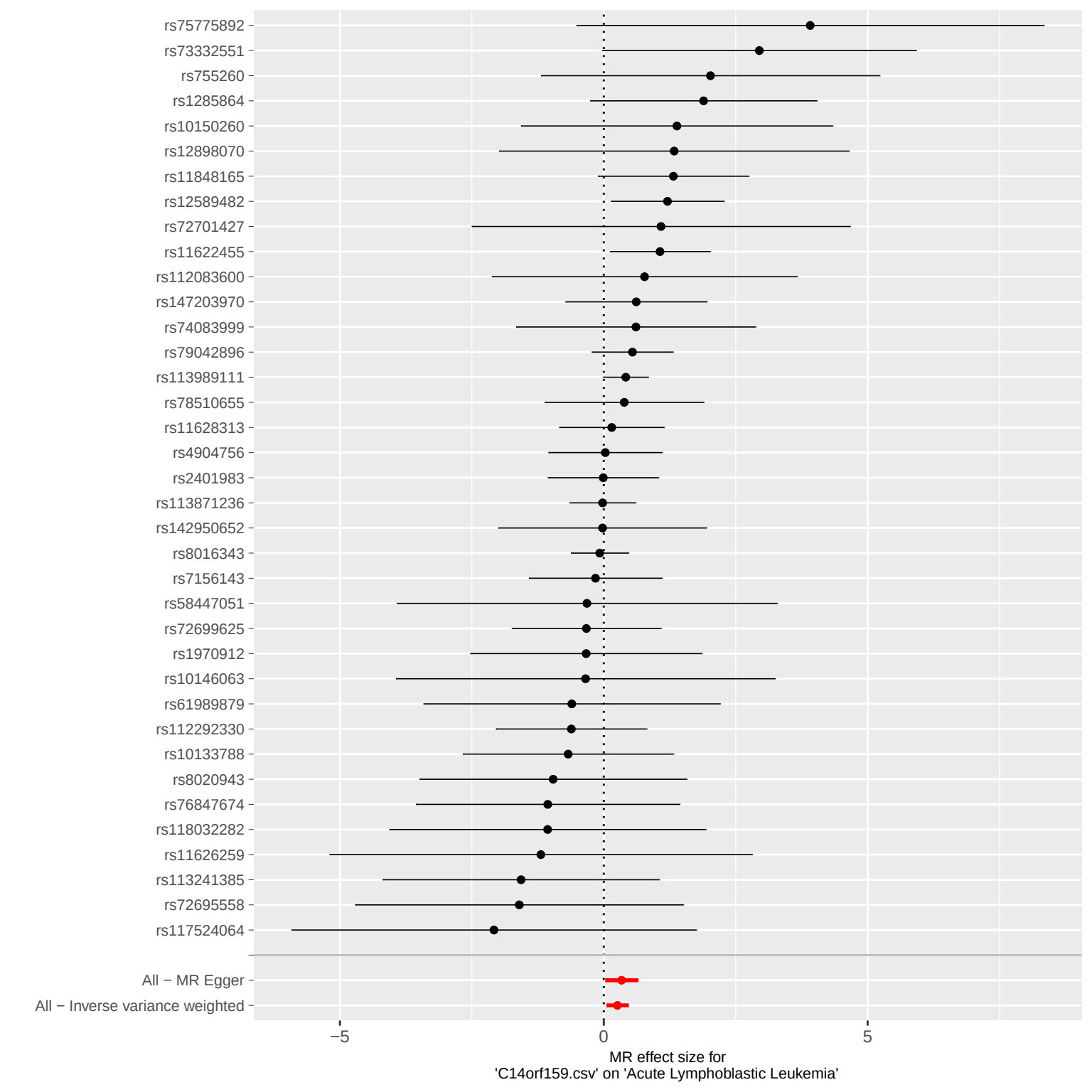
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'C12orf76.csv' on 'Acute Lymphoblastic Leukemia'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rs76847674
rs118032282
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rs113241385
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All − Inverse variance weighted
−5
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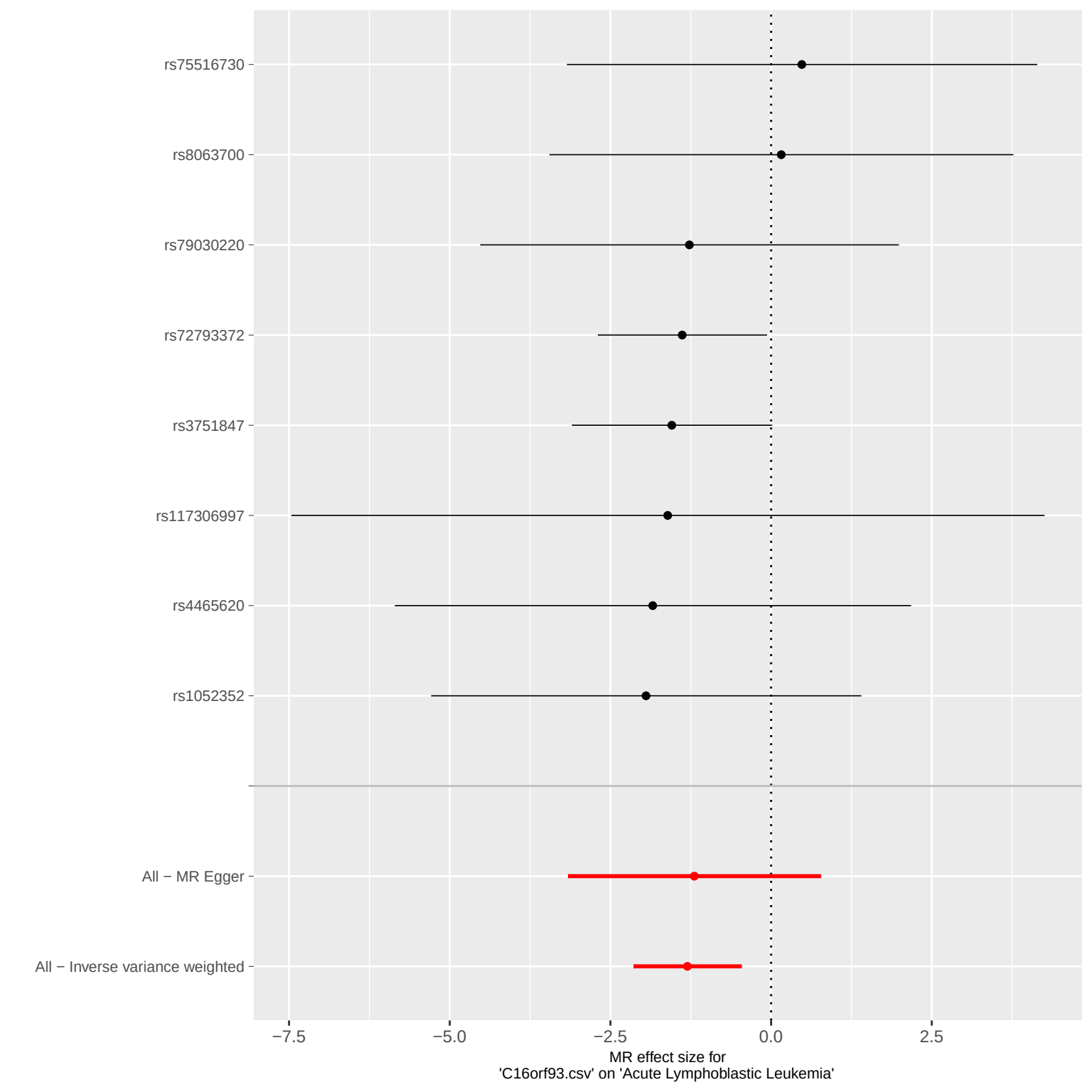
MR effect size for
'C14orf159.csv' on 'Acute Lymphoblastic Leukemia'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rs1052352
All − MR Egger
All − Inverse variance weighted
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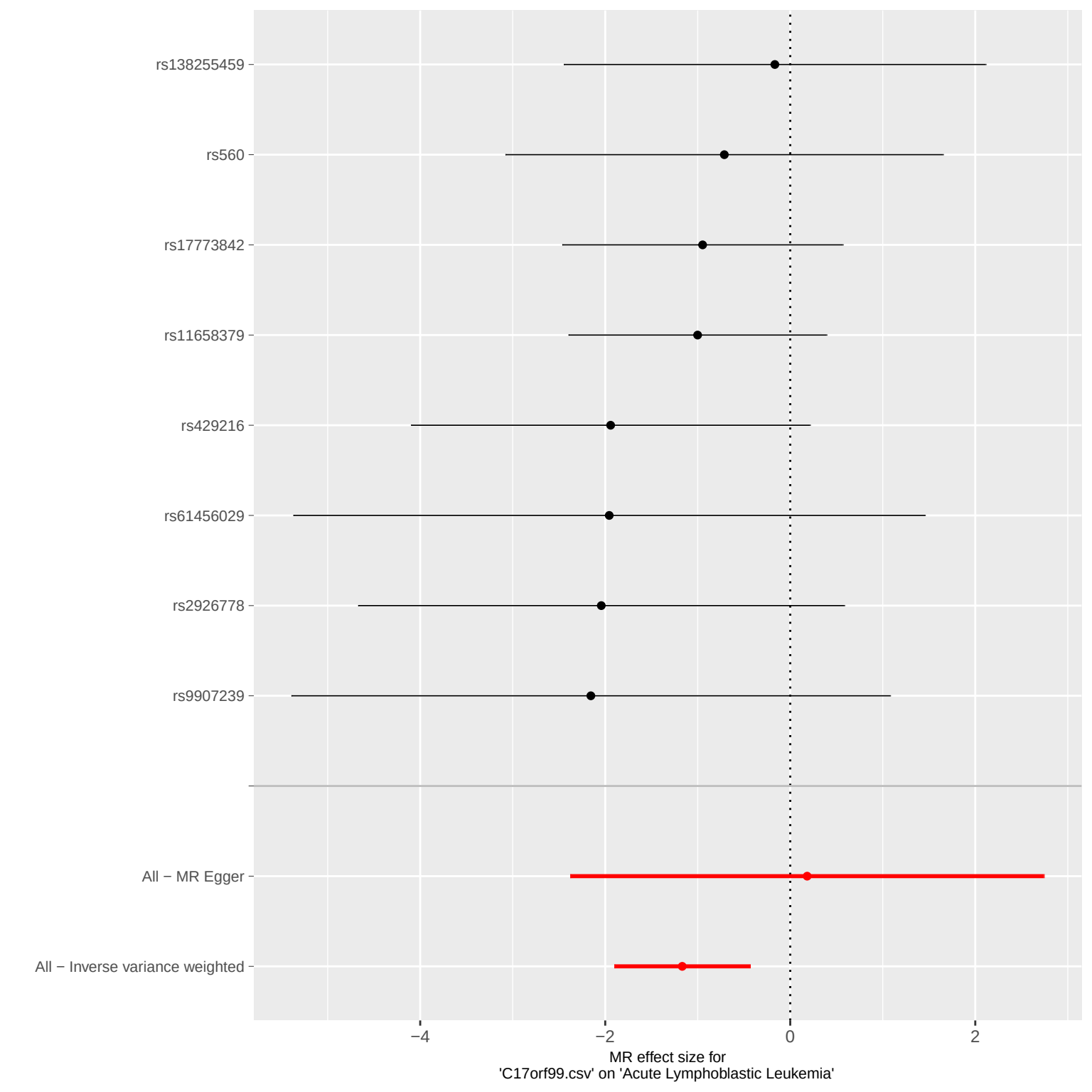
−5.0
−2.5
0.0
2.5
MR effect size for
'C16orf93.csv' on 'Acute Lymphoblastic Leukemia'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rs2926778
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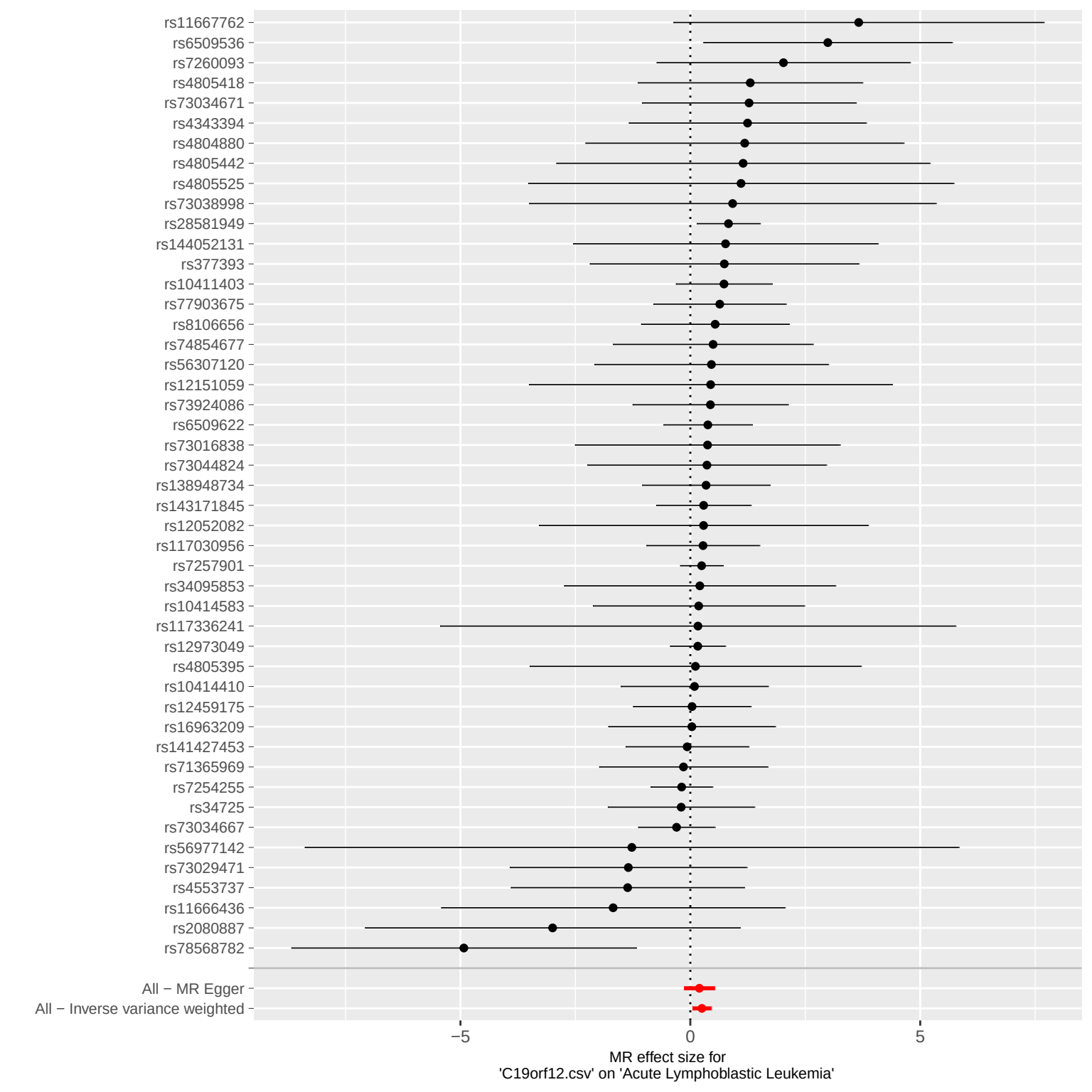
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'C17orf99.csv' on 'Acute Lymphoblastic Leukemia'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rs11666436
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All − MR Egger
All − Inverse variance weighted
−5
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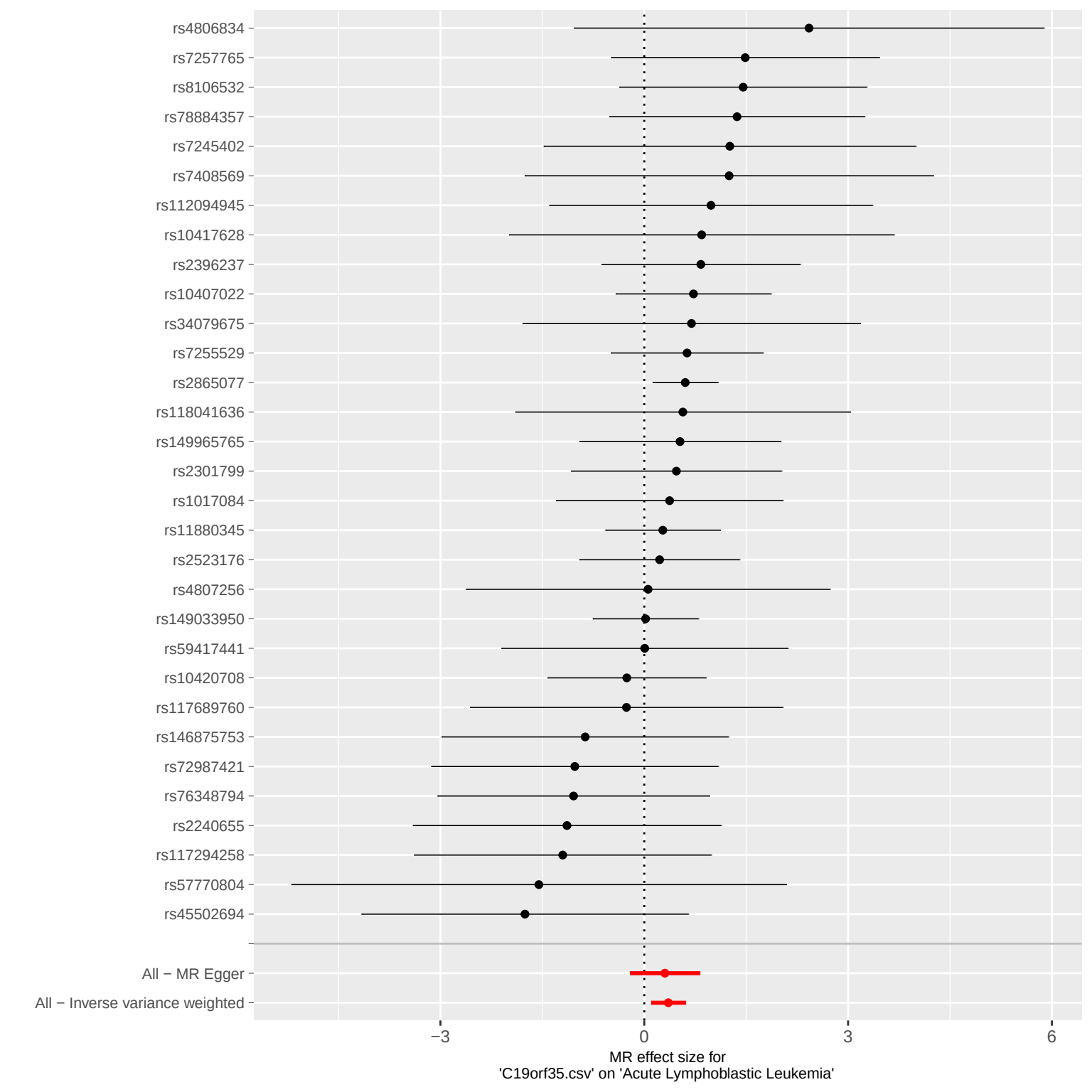
5
MR effect size for
'C19orf12.csv' on 'Acute Lymphoblastic Leukemia'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rs2240655
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All − MR Egger
All − Inverse variance weighted
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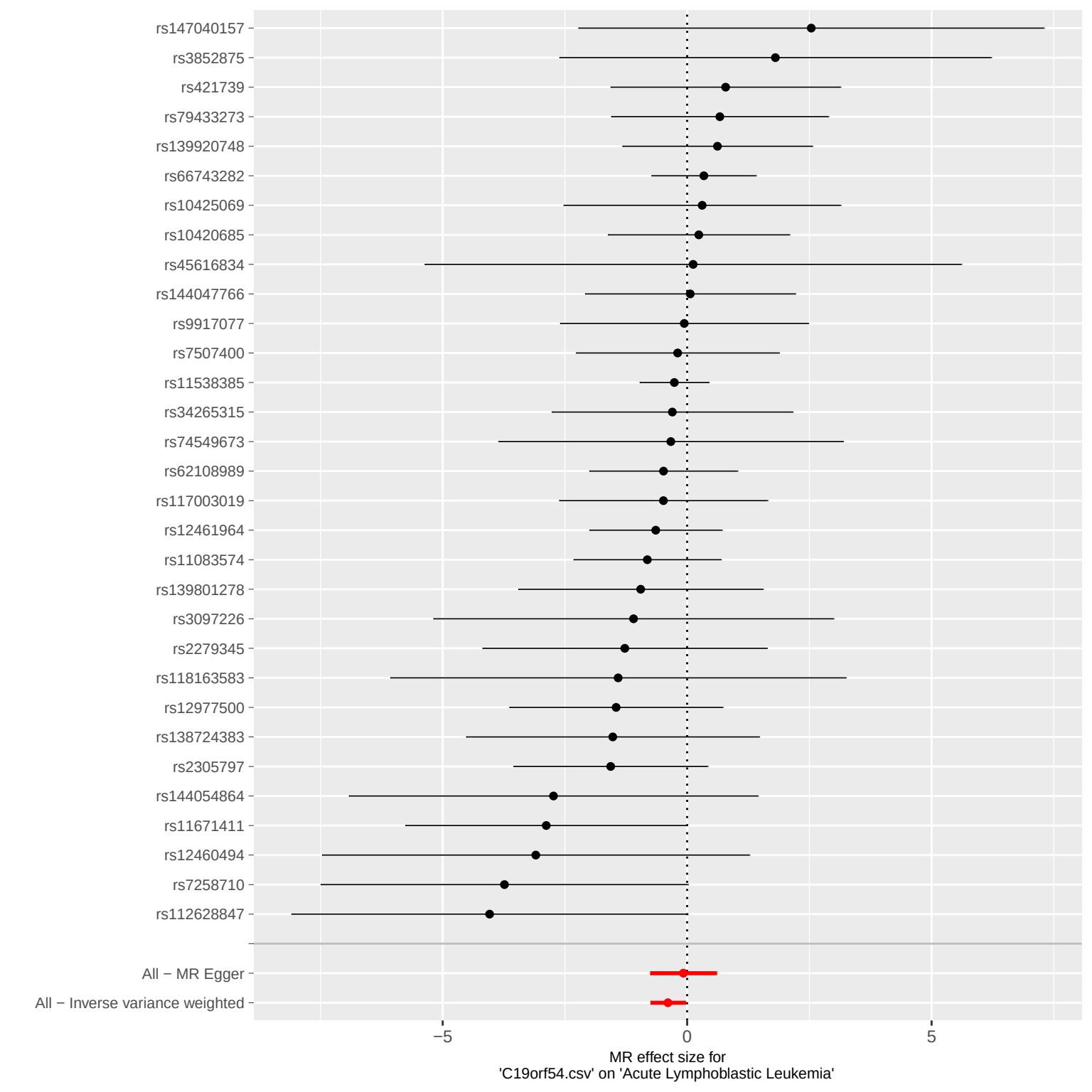
0
3
6
MR effect size for
'C19orf35.csv' on 'Acute Lymphoblastic Leukemia'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rs138724383
rs2305797
rs144054864
rs11671411
rs12460494
rs7258710
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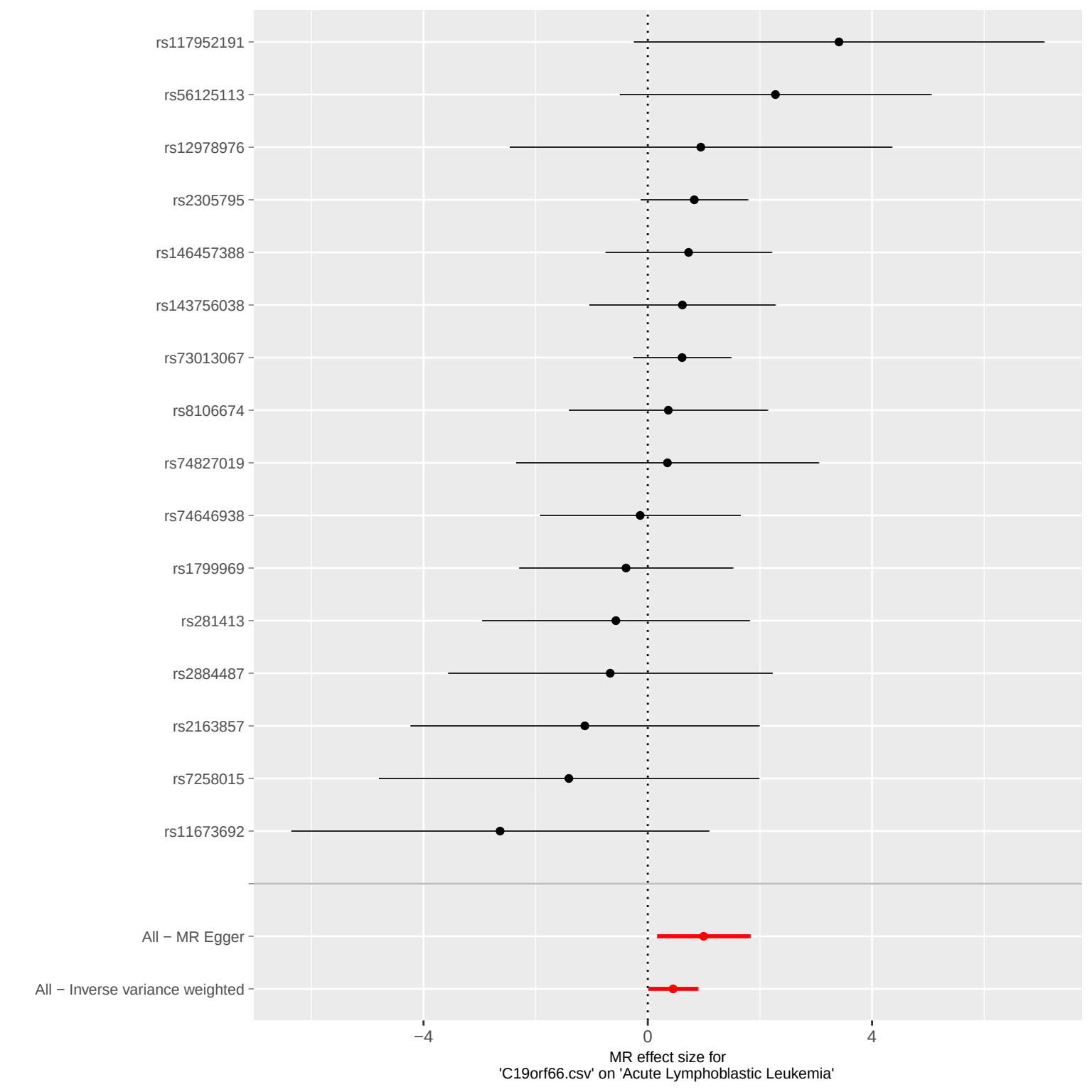
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'C19orf54.csv' on 'Acute Lymphoblastic Leukemia'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rs1799969
rs281413
rs2884487
rs2163857
rs7258015
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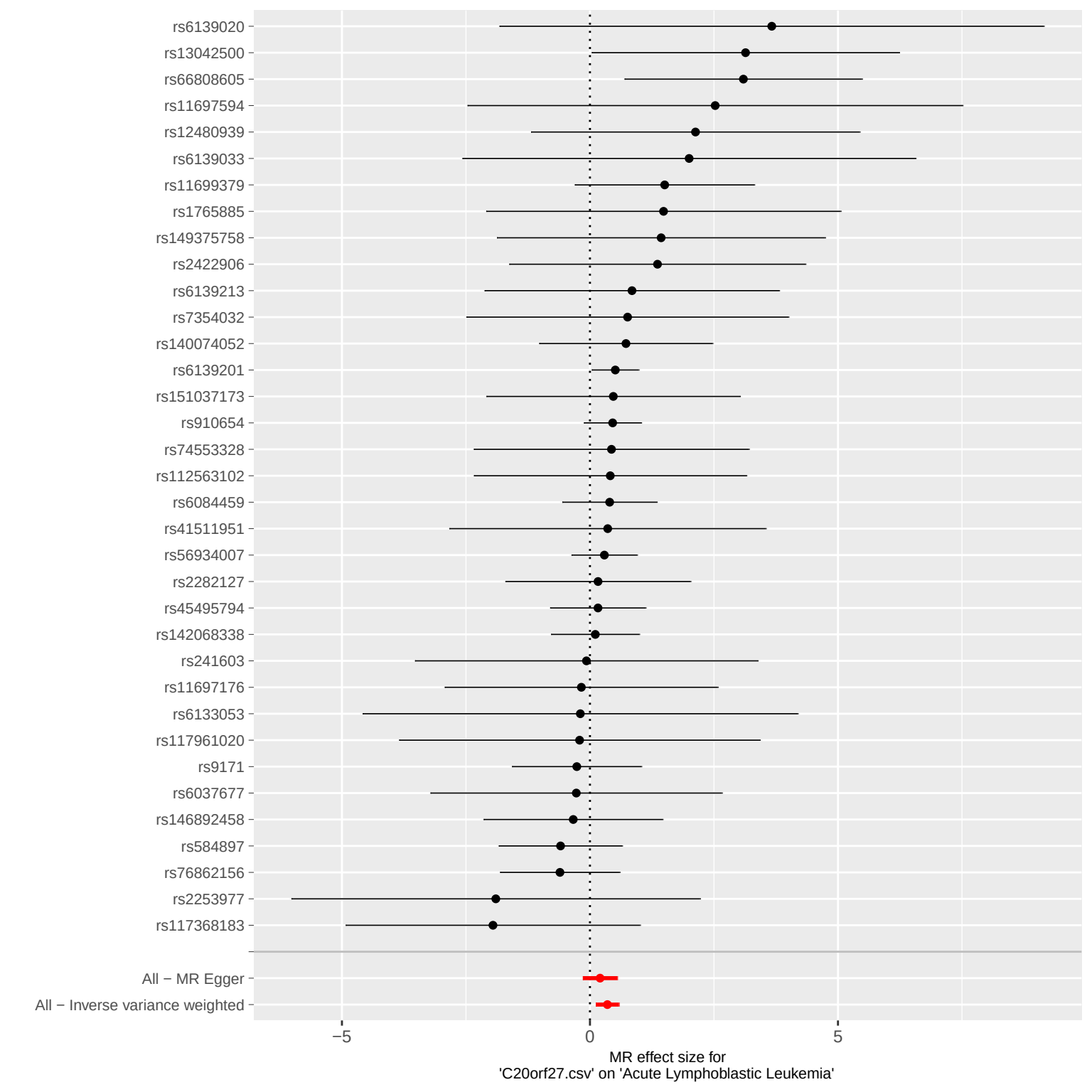
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'C19orf66.csv' on 'Acute Lymphoblastic Leukemia'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rs9171
rs6037677
rs146892458
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All − MR Egger
All − Inverse variance weighted
−5
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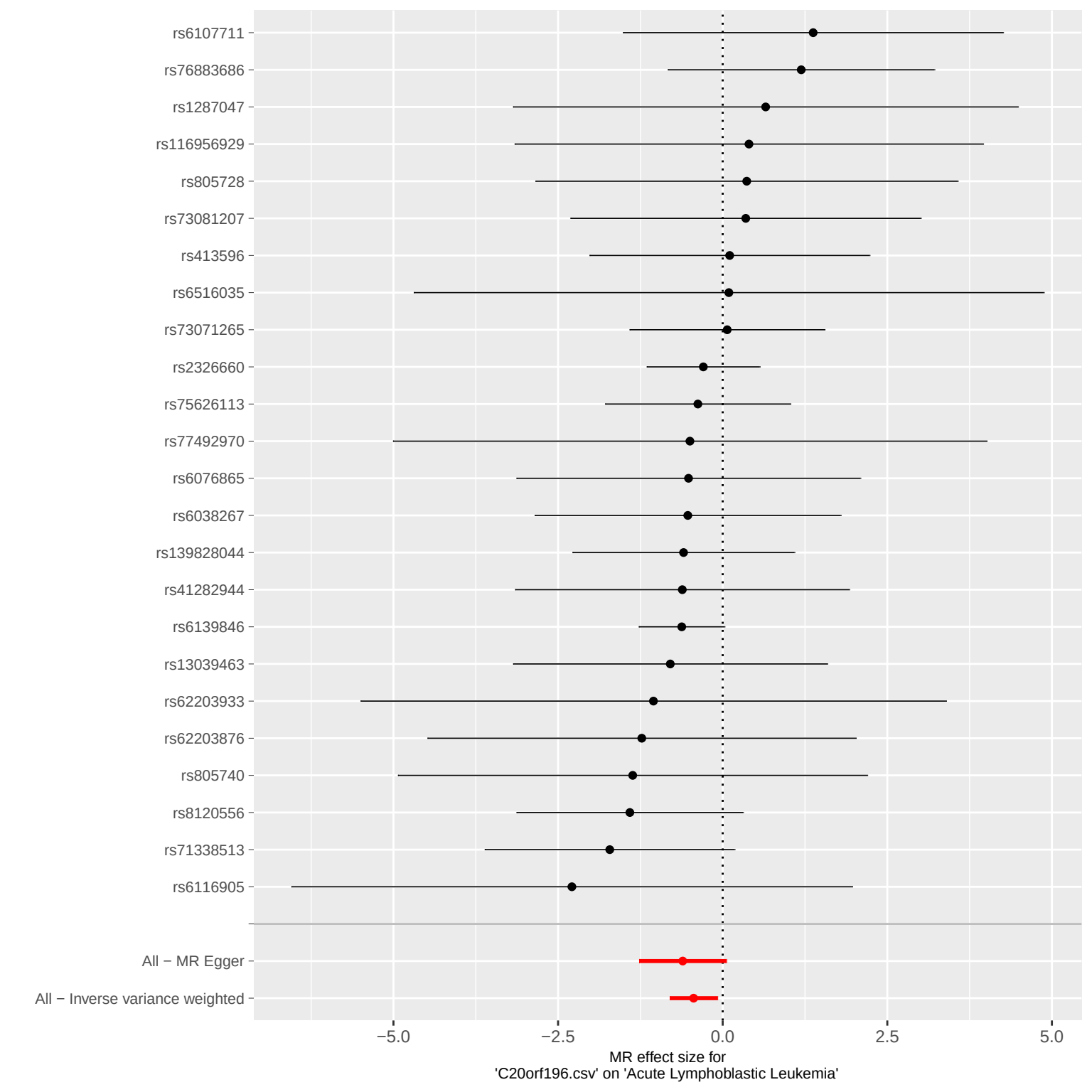
5
MR effect size for
'C20orf27.csv' on 'Acute Lymphoblastic Leukemia'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rs62203876
rs805740
rs8120556
rs71338513
rs6116905
All − MR Egger
All − Inverse variance weighted
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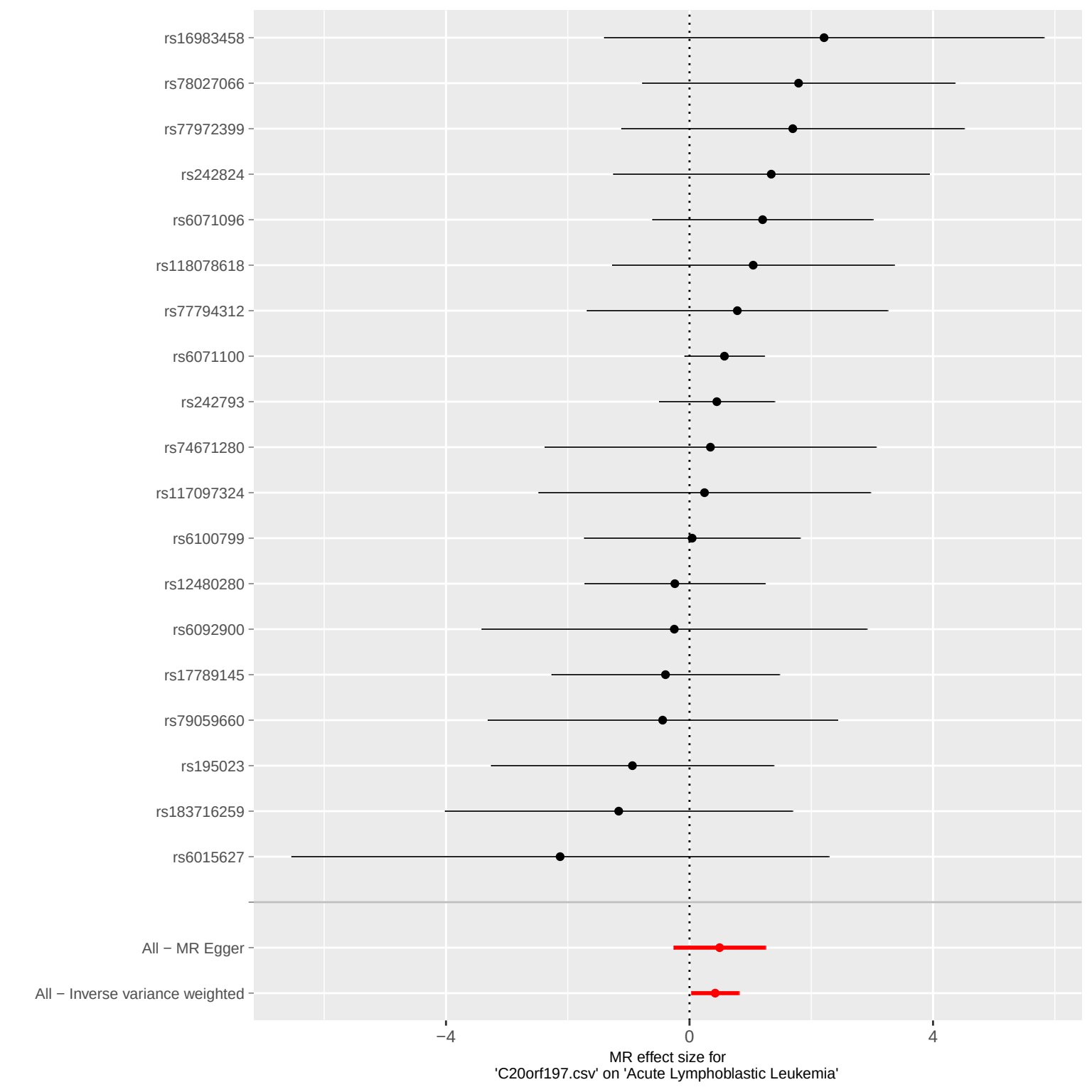
−2.5
0.0
2.5
5.0
MR effect size for
'C20orf196.csv' on 'Acute Lymphoblastic Leukemia'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rs12480280
rs6092900
rs17789145
rs79059660
rs195023
rs183716259
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All − MR Egger
All − Inverse variance weighted
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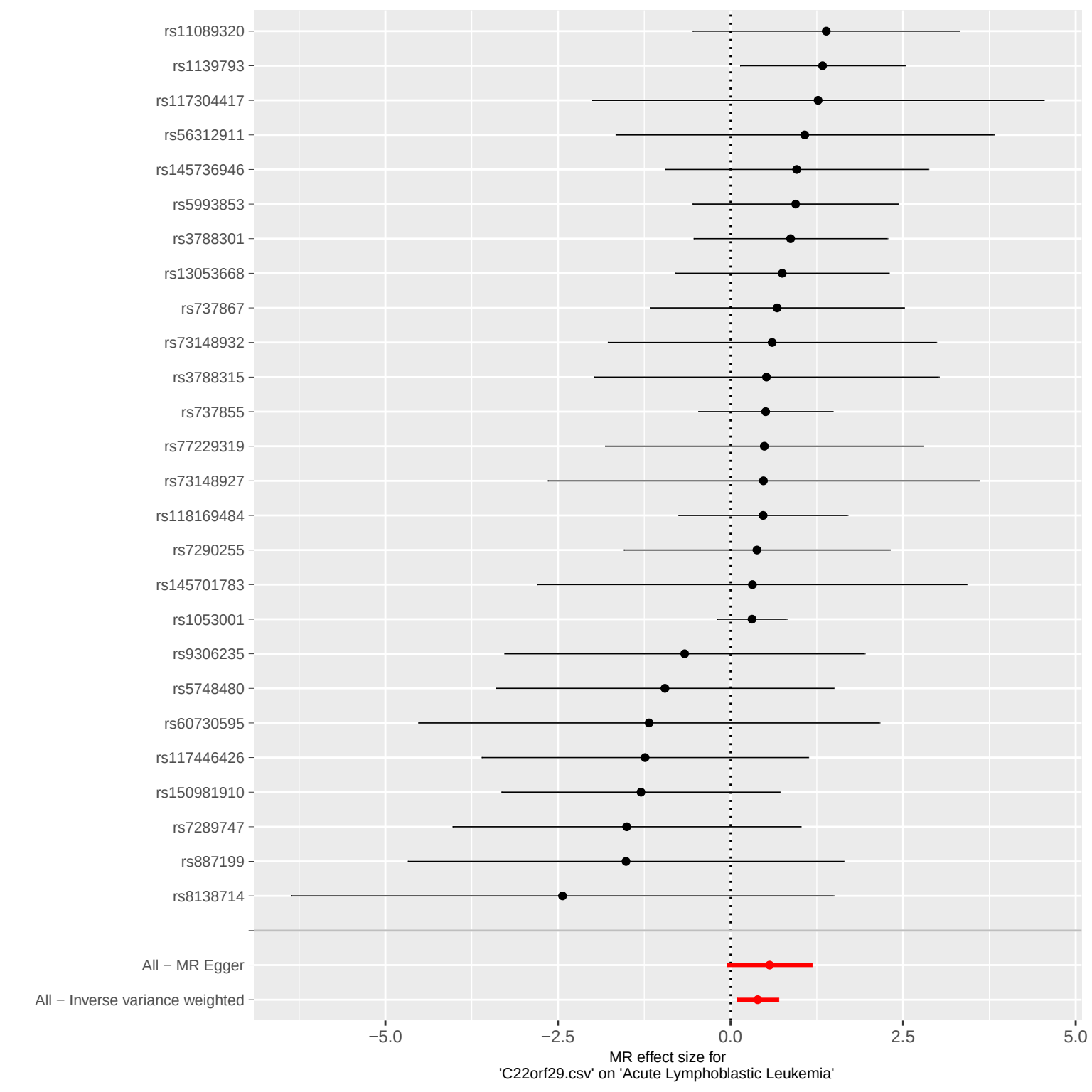
4
MR effect size for
'C20orf197.csv' on 'Acute Lymphoblastic Leukemia'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rs1053001
rs9306235
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rs60730595
rs117446426
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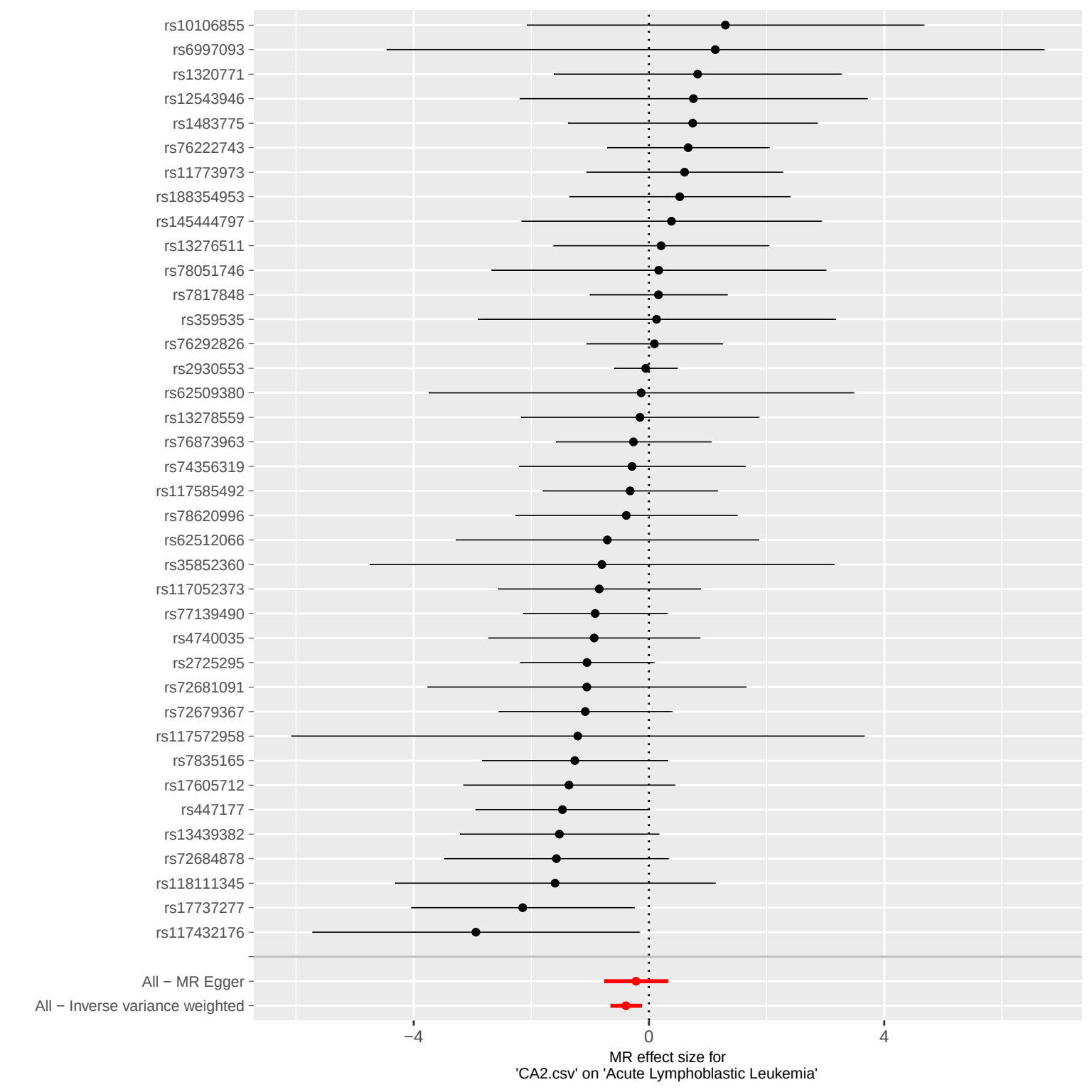
rs7289747
rs887199
rs8138714
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'C22orf29.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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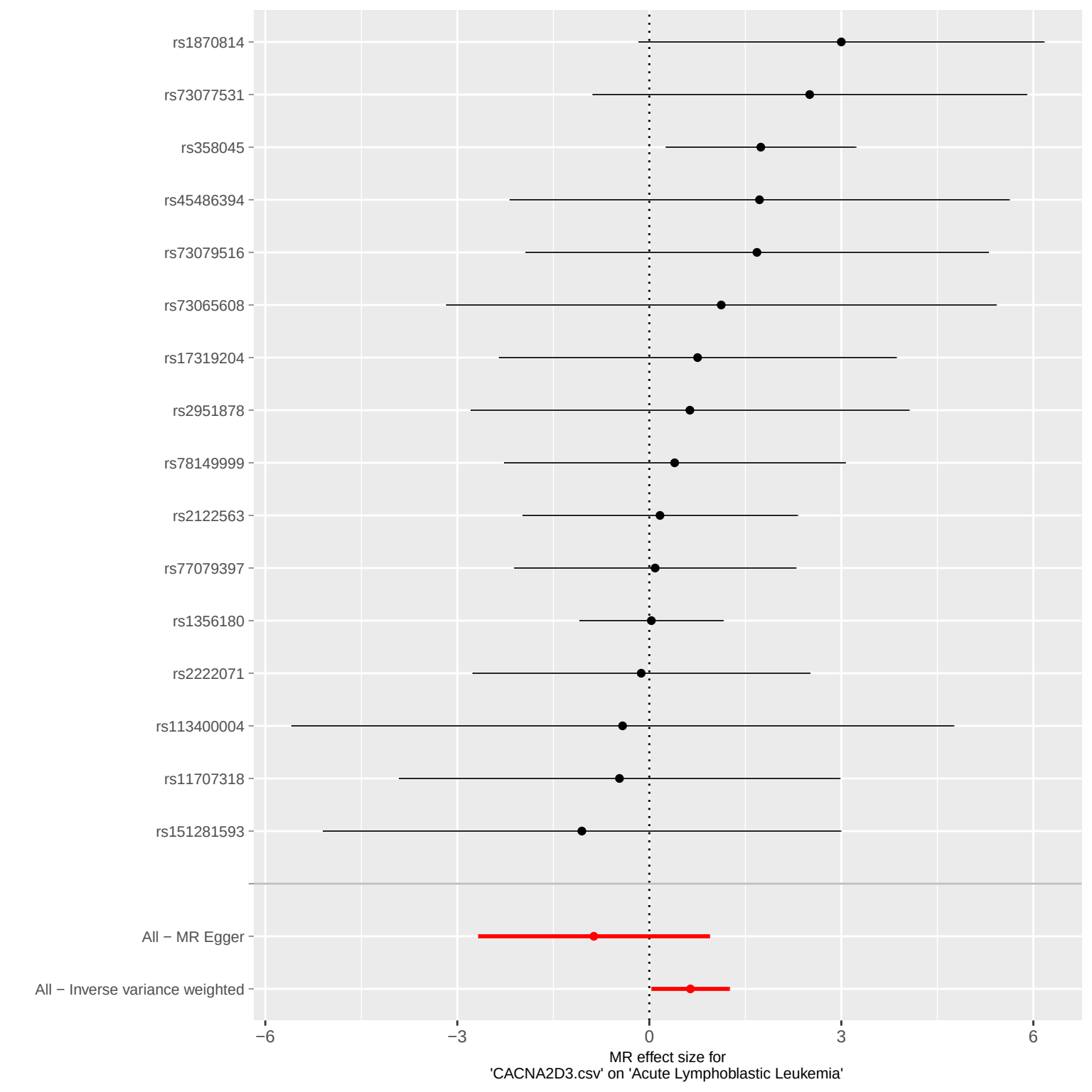
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rs1356180
rs2222071
rs113400004
rs11707318
rs151281593
All − MR Egger
All − Inverse variance weighted
−6
−3
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3
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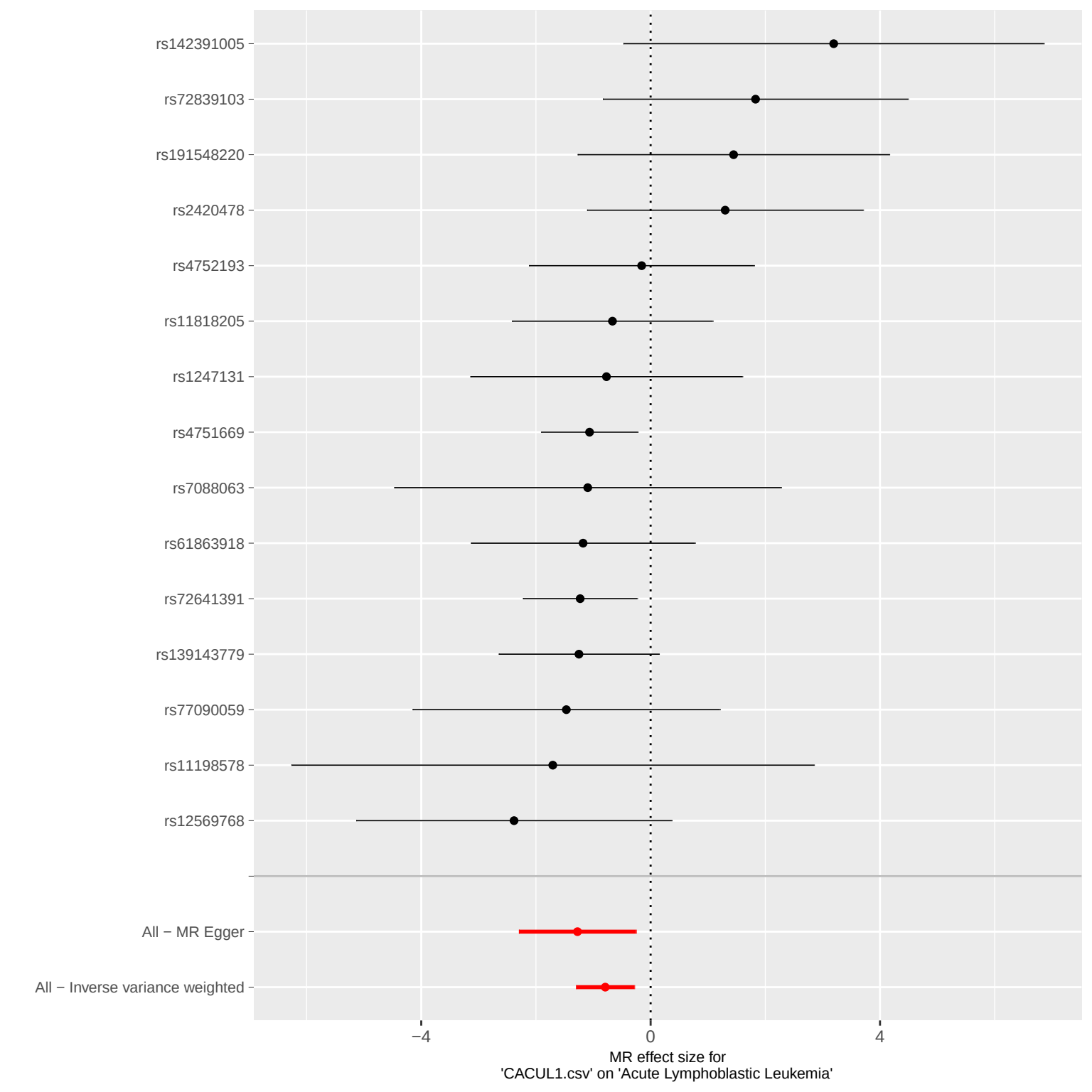
MR effect size for
'CACNA2D3.csv' on 'Acute Lymphoblastic Leukemia'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rs139143779
rs77090059
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All − MR Egger
All − Inverse variance weighted
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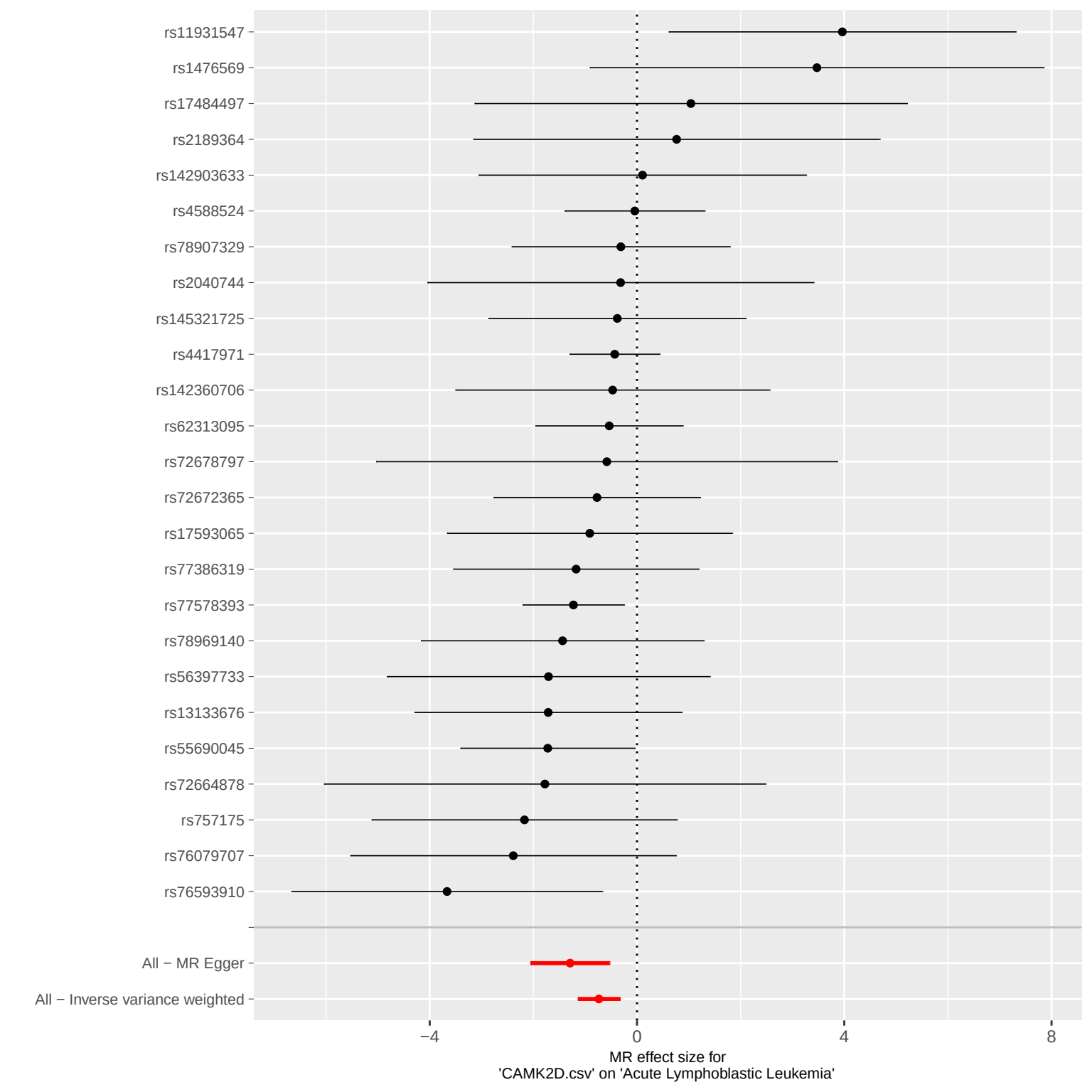
MR effect size for
'CACUL1.csv' on 'Acute Lymphoblastic Leukemia'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rs55690045
rs72664878
rs757175
rs76079707
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All − Inverse variance weighted
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MR effect size for
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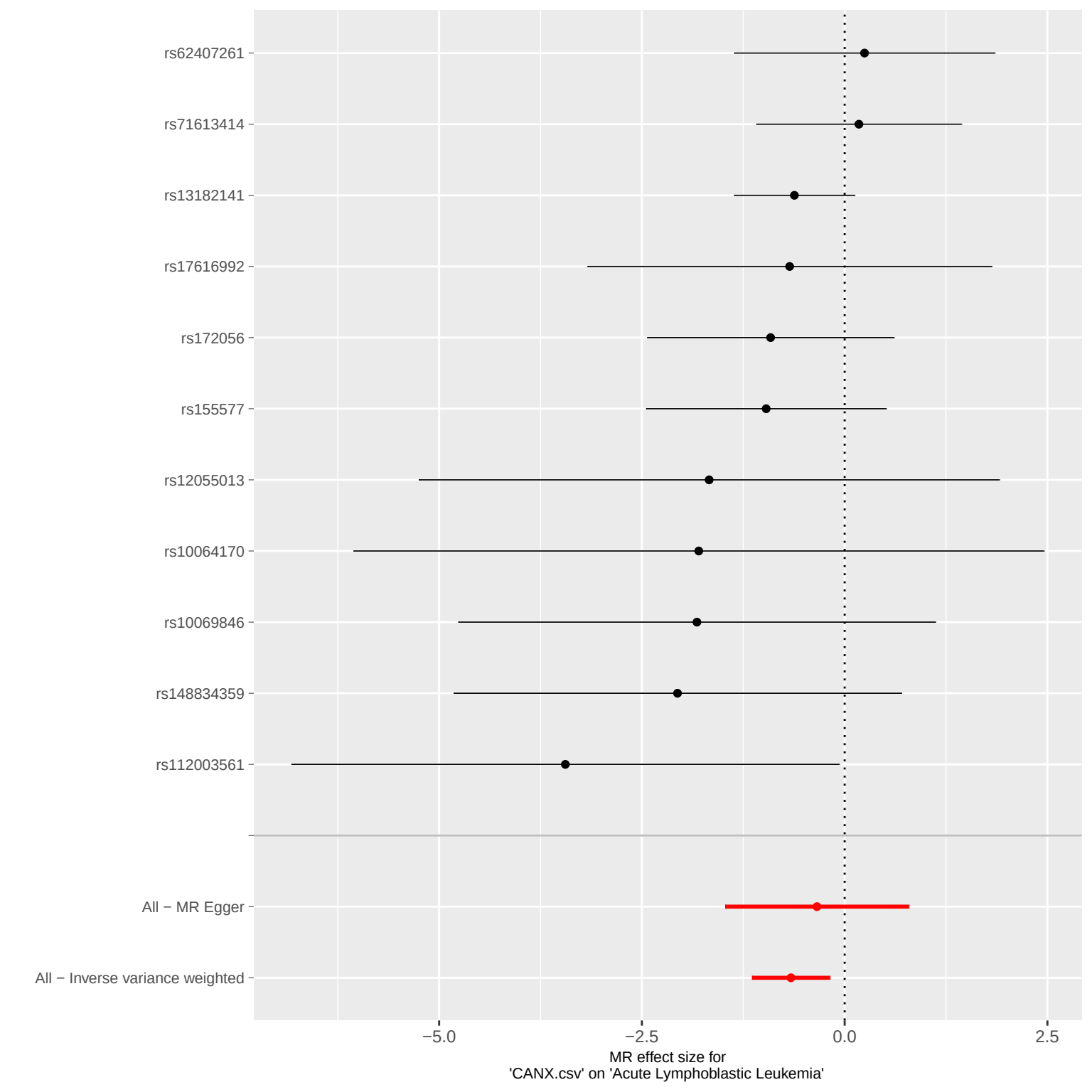
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All − MR Egger
All − Inverse variance weighted
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0.0
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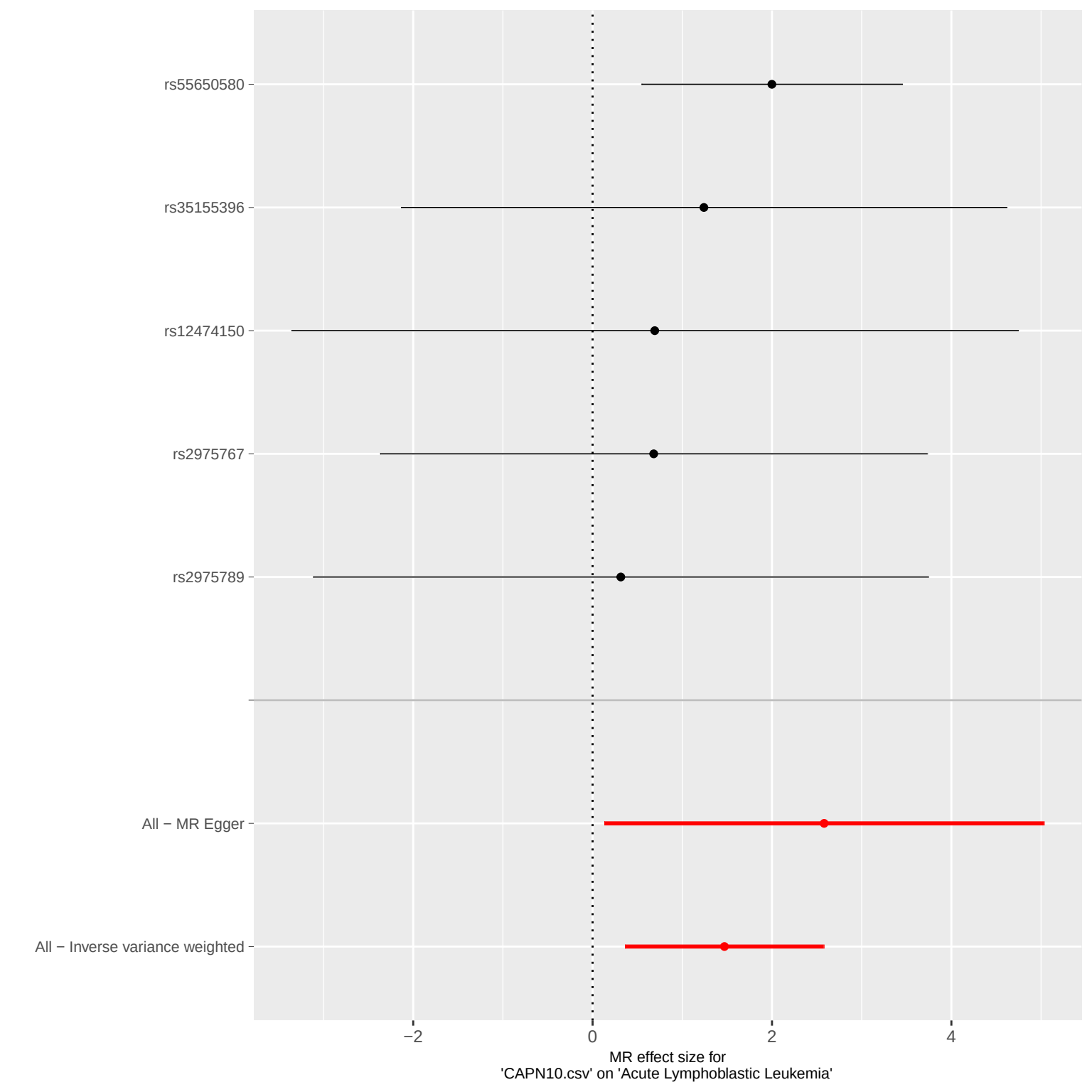
MR effect size for
'CANX.csv' on 'Acute Lymphoblastic Leukemia'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rs12474150
rs2975767
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All − MR Egger
All − Inverse variance weighted
−2
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2
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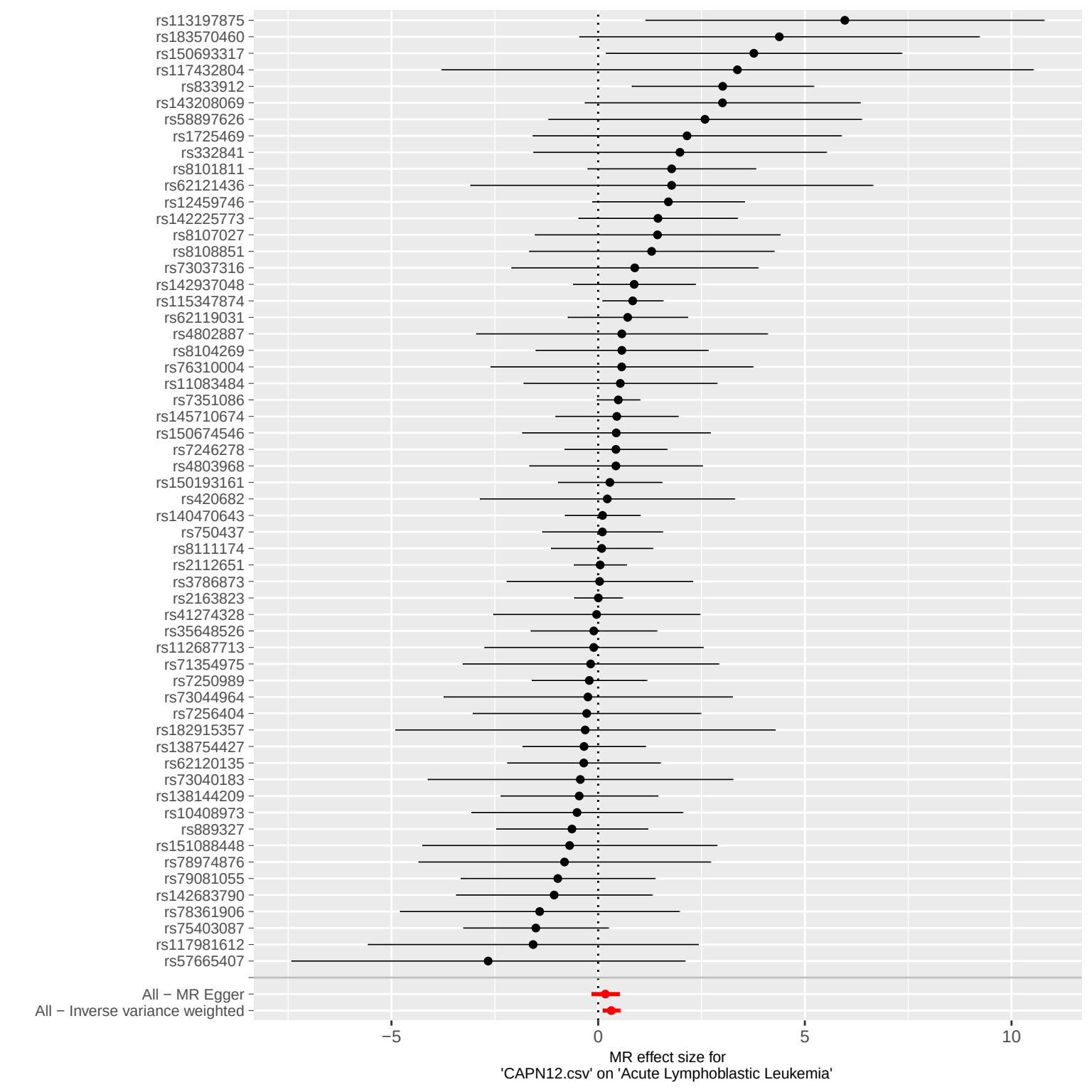
MR effect size for
'CAPN10.csv' on 'Acute Lymphoblastic Leukemia'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rs73044964
rs7256404
rs182915357
rs138754427
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rs73040183
rs138144209
rs10408973
rs889327
rs151088448
rs78974876
rs79081055
rs142683790
rs78361906
rs75403087
rs117981612
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All − MR Egger
All − Inverse variance weighted
−5
0
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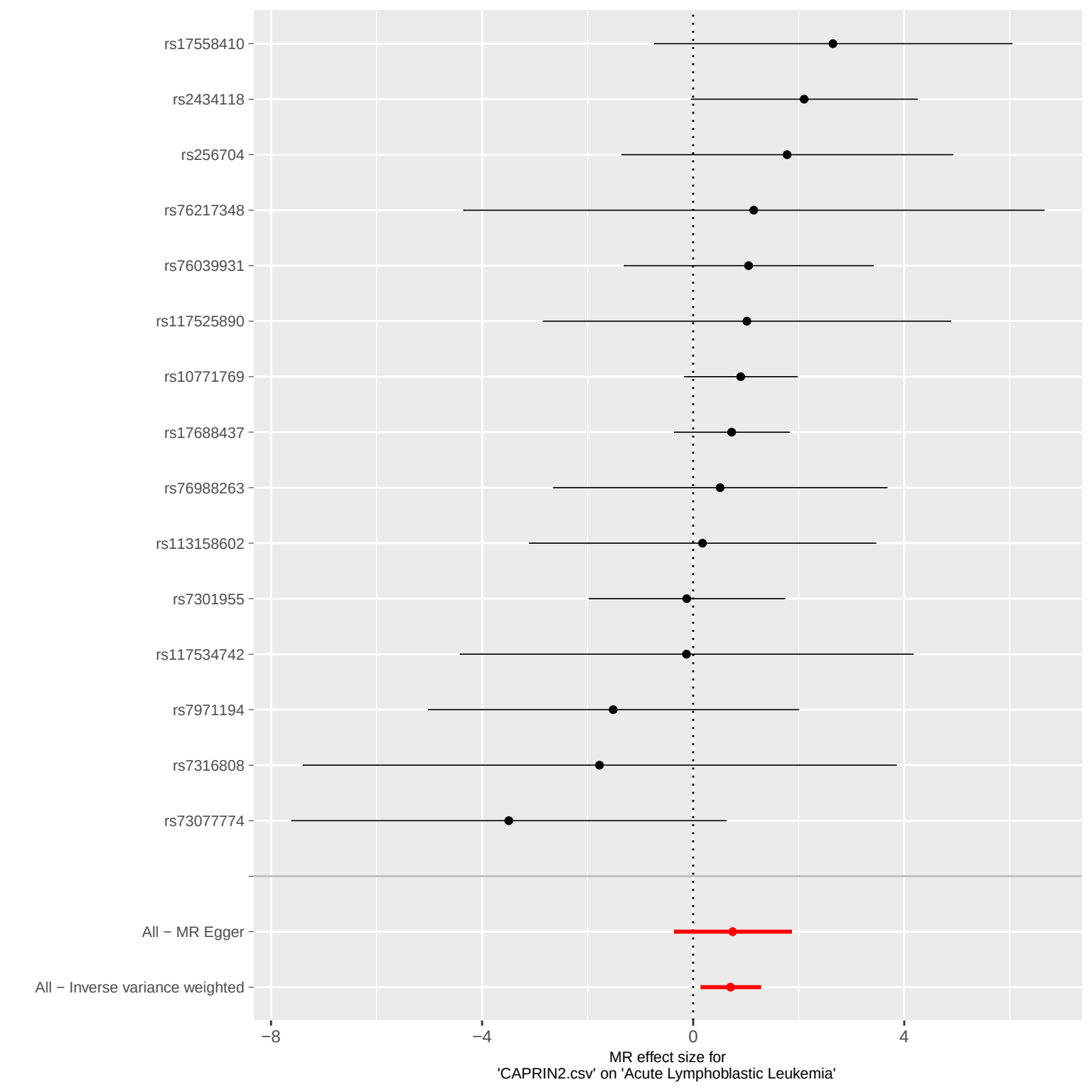
MR effect size for
'CAPN12.csv' on 'Acute Lymphoblastic Leukemia'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rs7301955
rs117534742
rs7971194
rs7316808
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All − MR Egger
All − Inverse variance weighted
−8
−4
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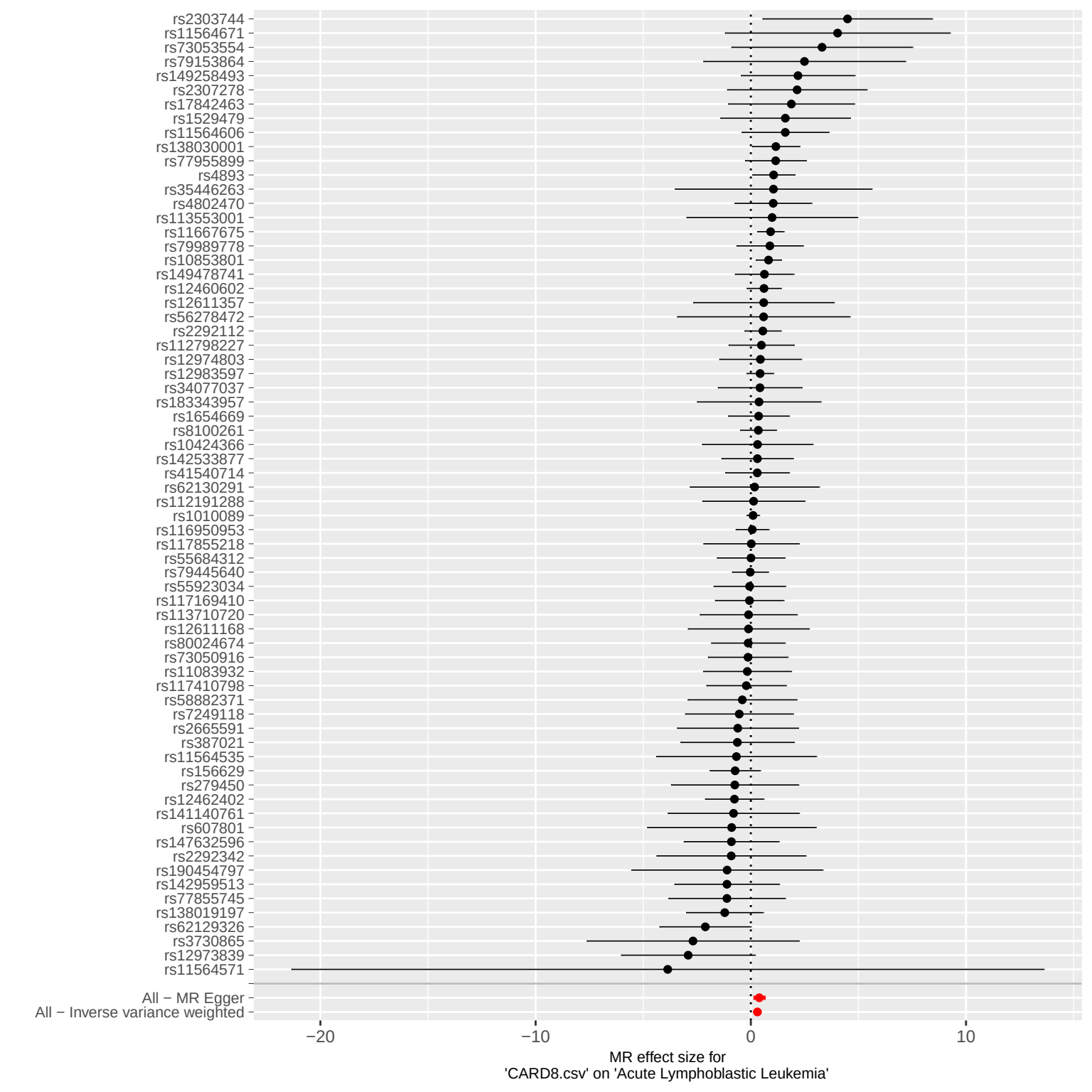
4
MR effect size for
'CAPRIN2.csv' on 'Acute Lymphoblastic Leukemia'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rs62129326
rs3730865
rs12973839
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All − MR Egger
All − Inverse variance weighted
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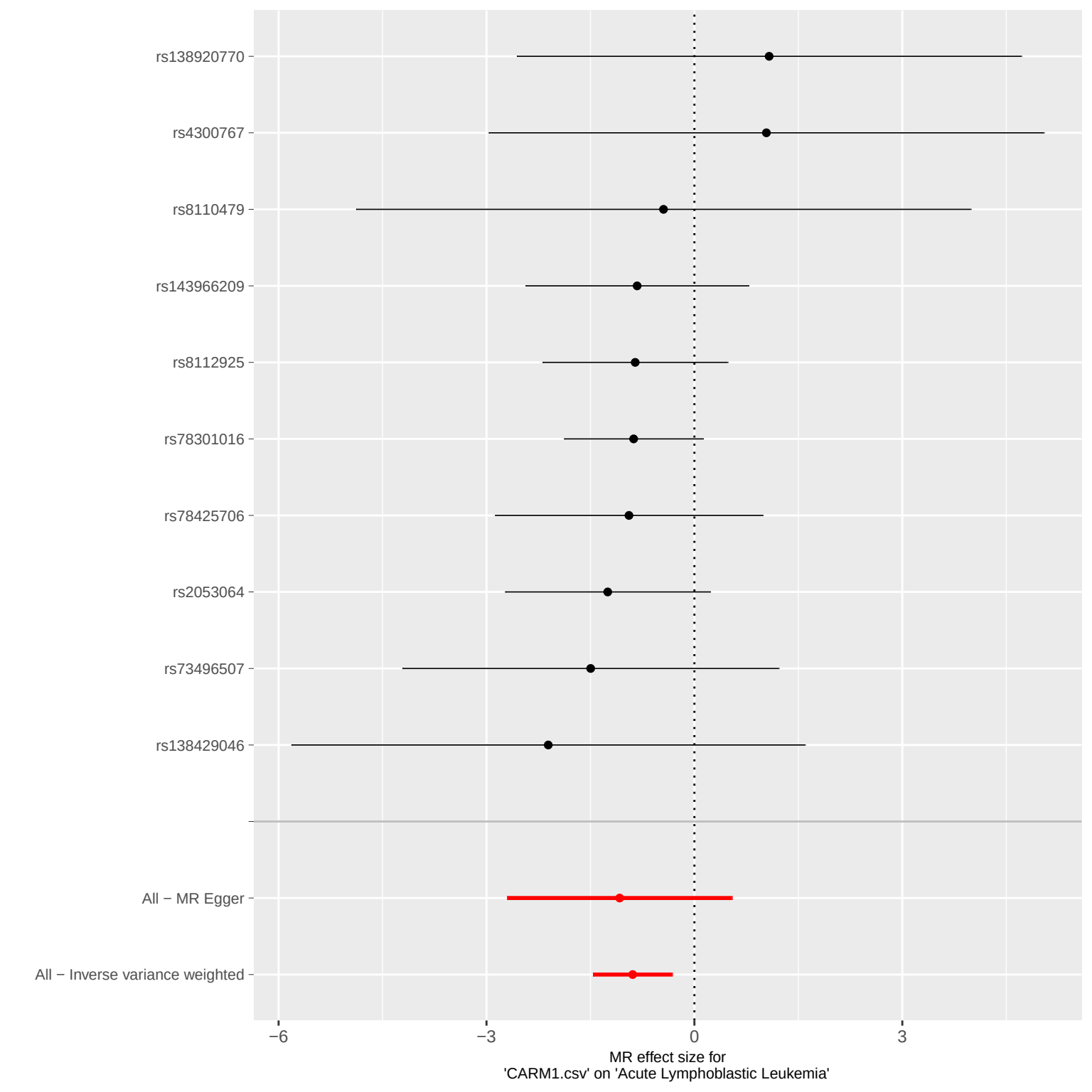
MR effect size for
'CARD8.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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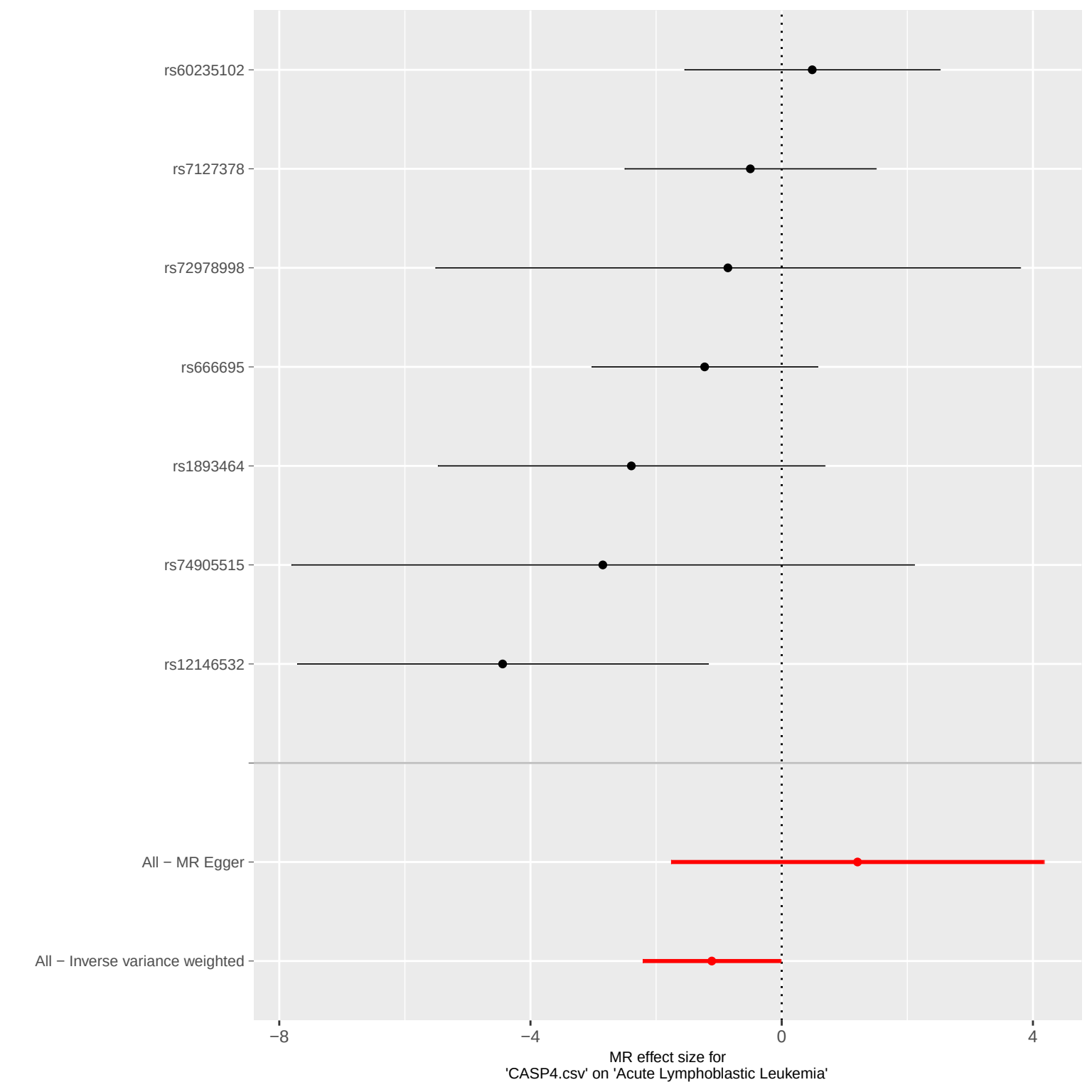
MR effect size for
'CARM1.csv' on 'Acute Lymphoblastic Leukemia'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rs1893464
rs74905515
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All − MR Egger
All − Inverse variance weighted
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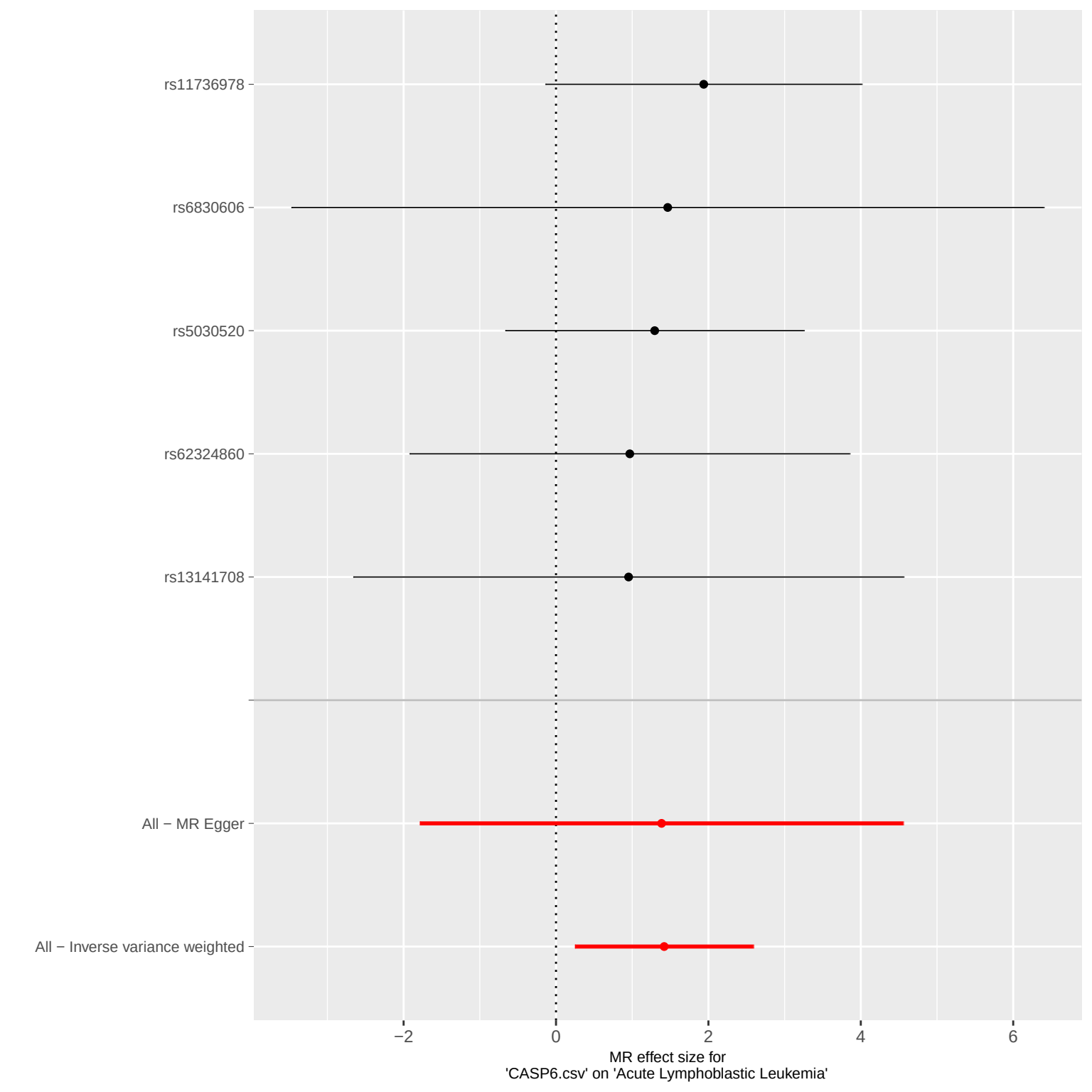
MR effect size for
'CASP4.csv' on 'Acute Lymphoblastic Leukemia'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rs5030520
rs62324860
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All − MR Egger
All − Inverse variance weighted
−2
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4
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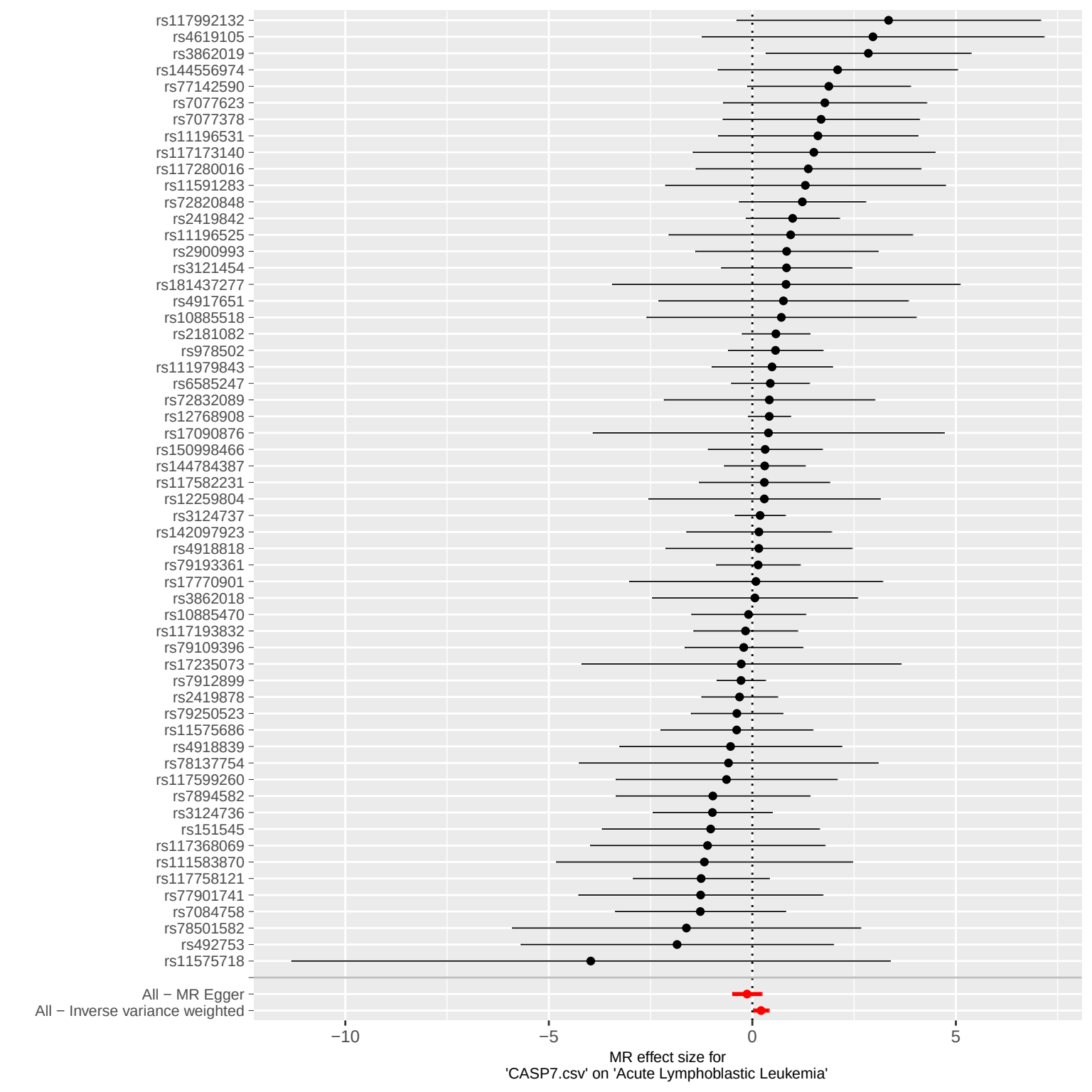
MR effect size for
'CASP6.csv' on 'Acute Lymphoblastic Leukemia'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rs117758121
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All − MR Egger
All − Inverse variance weighted
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−5
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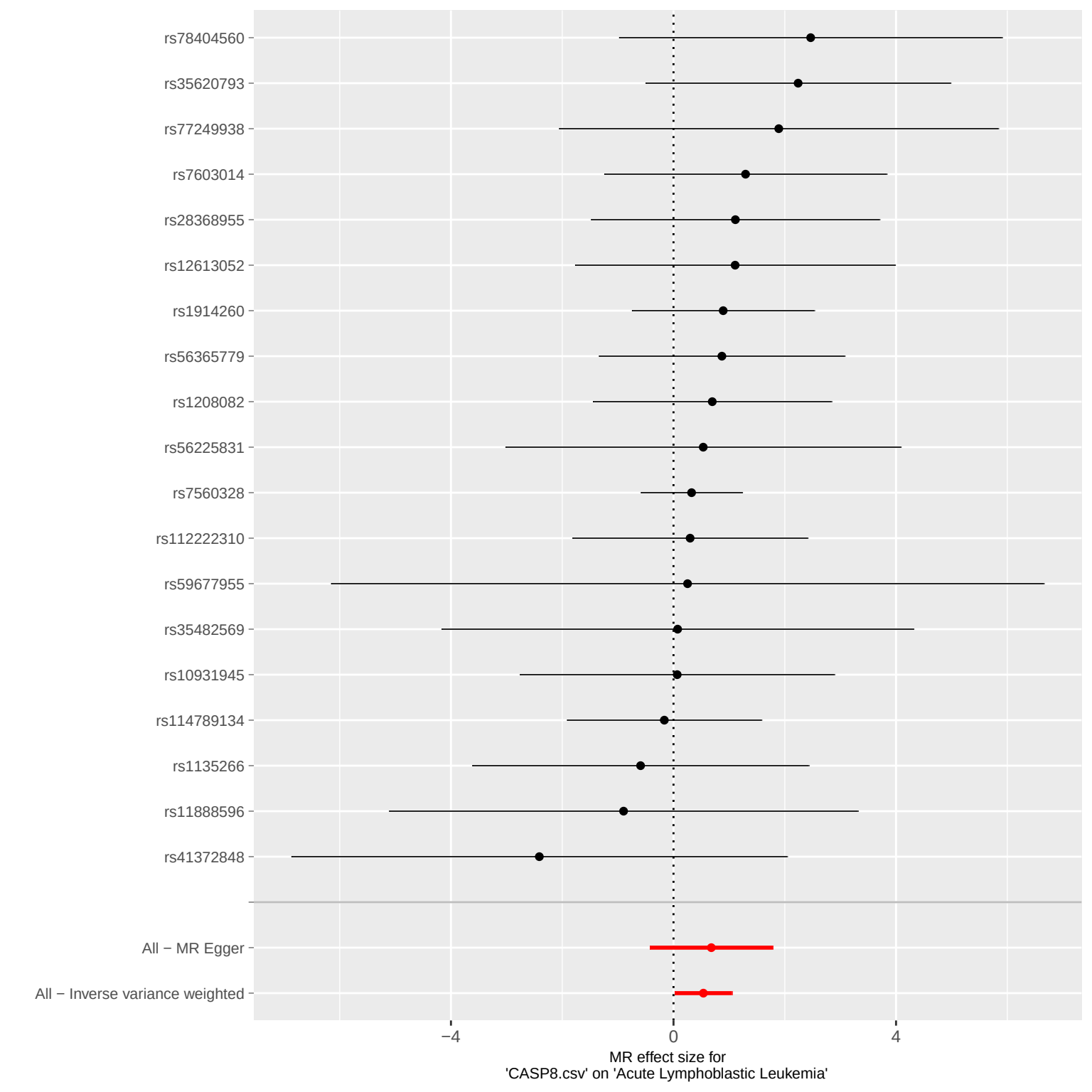
5
MR effect size for
'CASP7.csv' on 'Acute Lymphoblastic Leukemia'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rs1135266
rs11888596
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All − MR Egger
All − Inverse variance weighted
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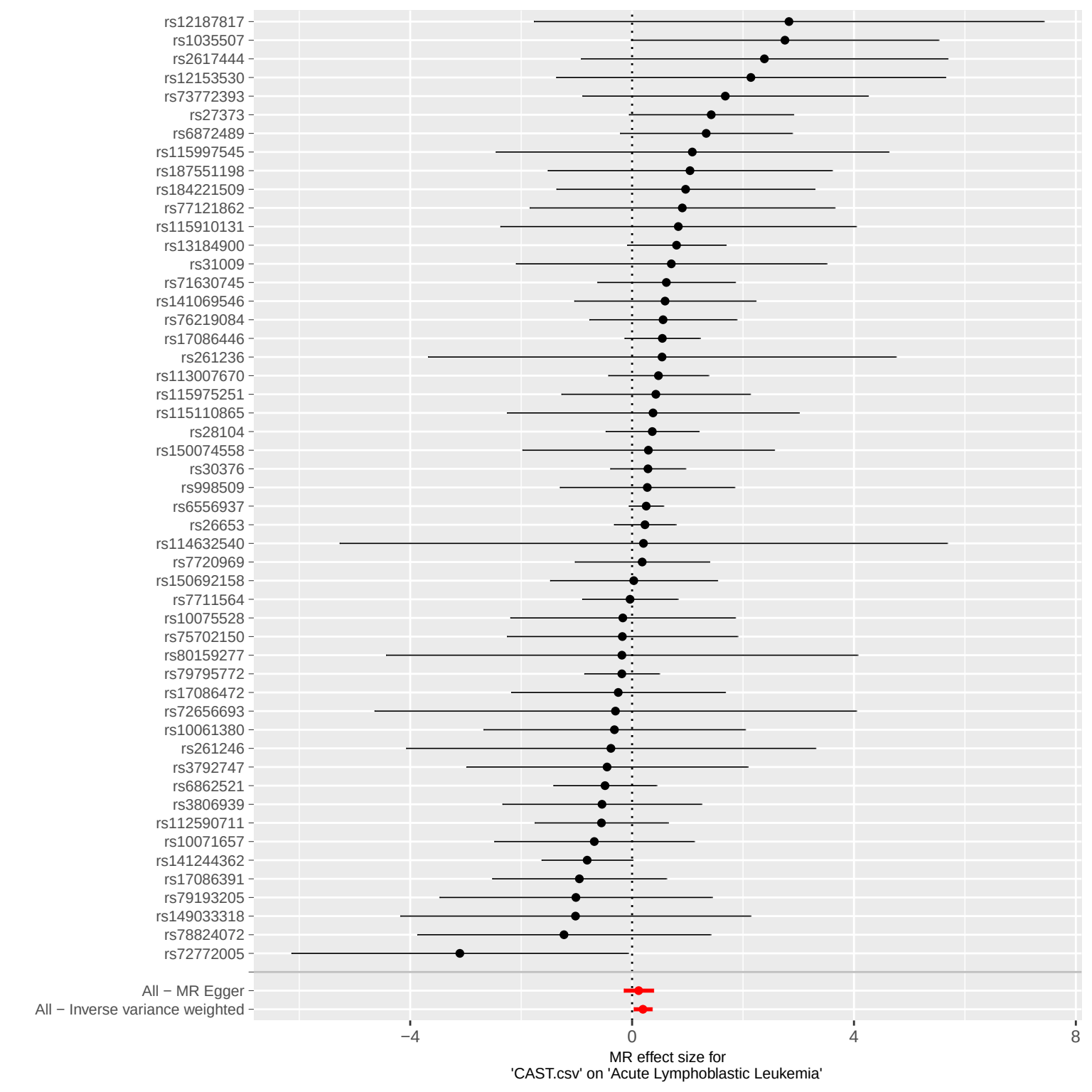
MR effect size for
'CASP8.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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4
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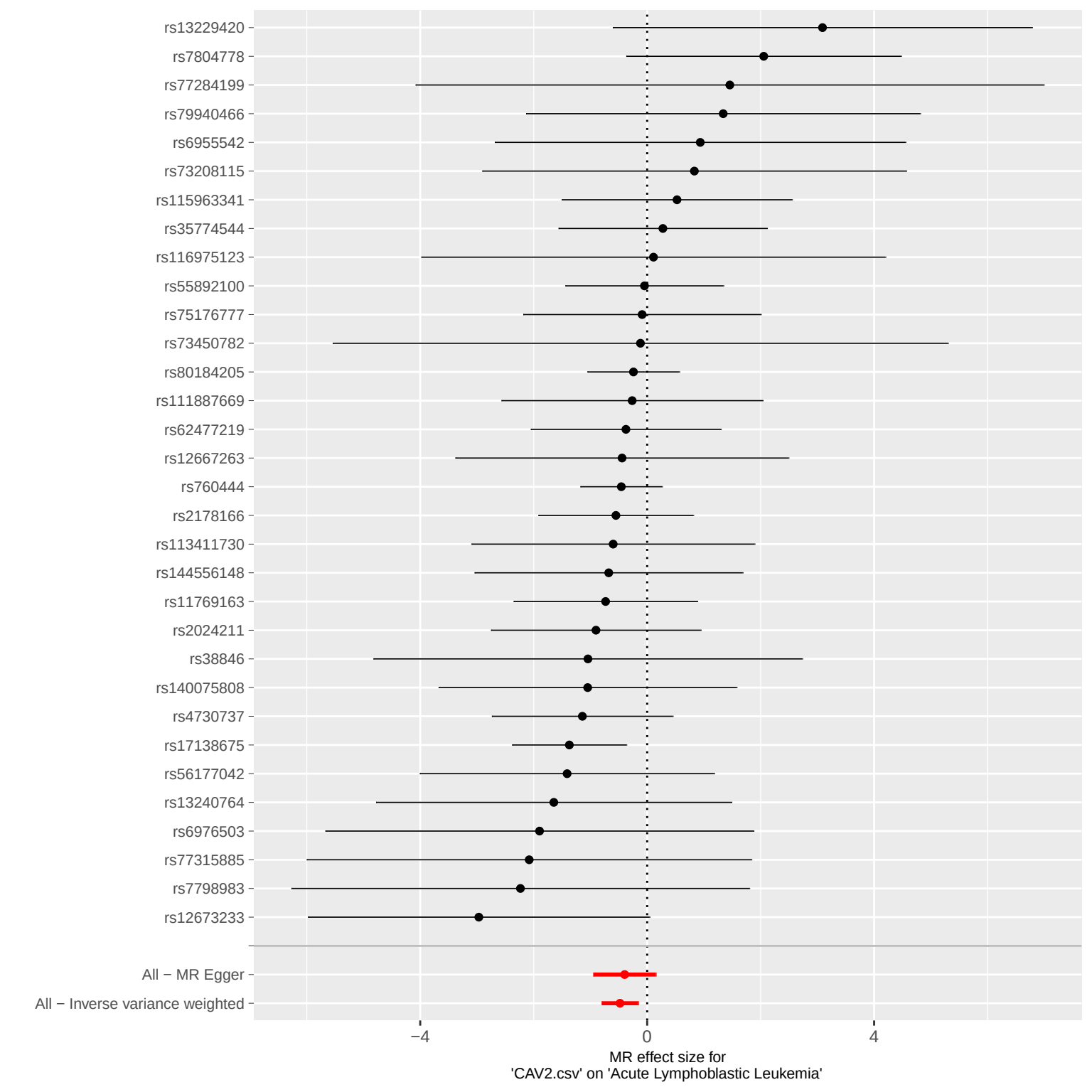
MR effect size for
'CAST.csv' on 'Acute Lymphoblastic Leukemia'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rs17138675
rs56177042
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rs77315885
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rs12673233
All − MR Egger
All − Inverse variance weighted
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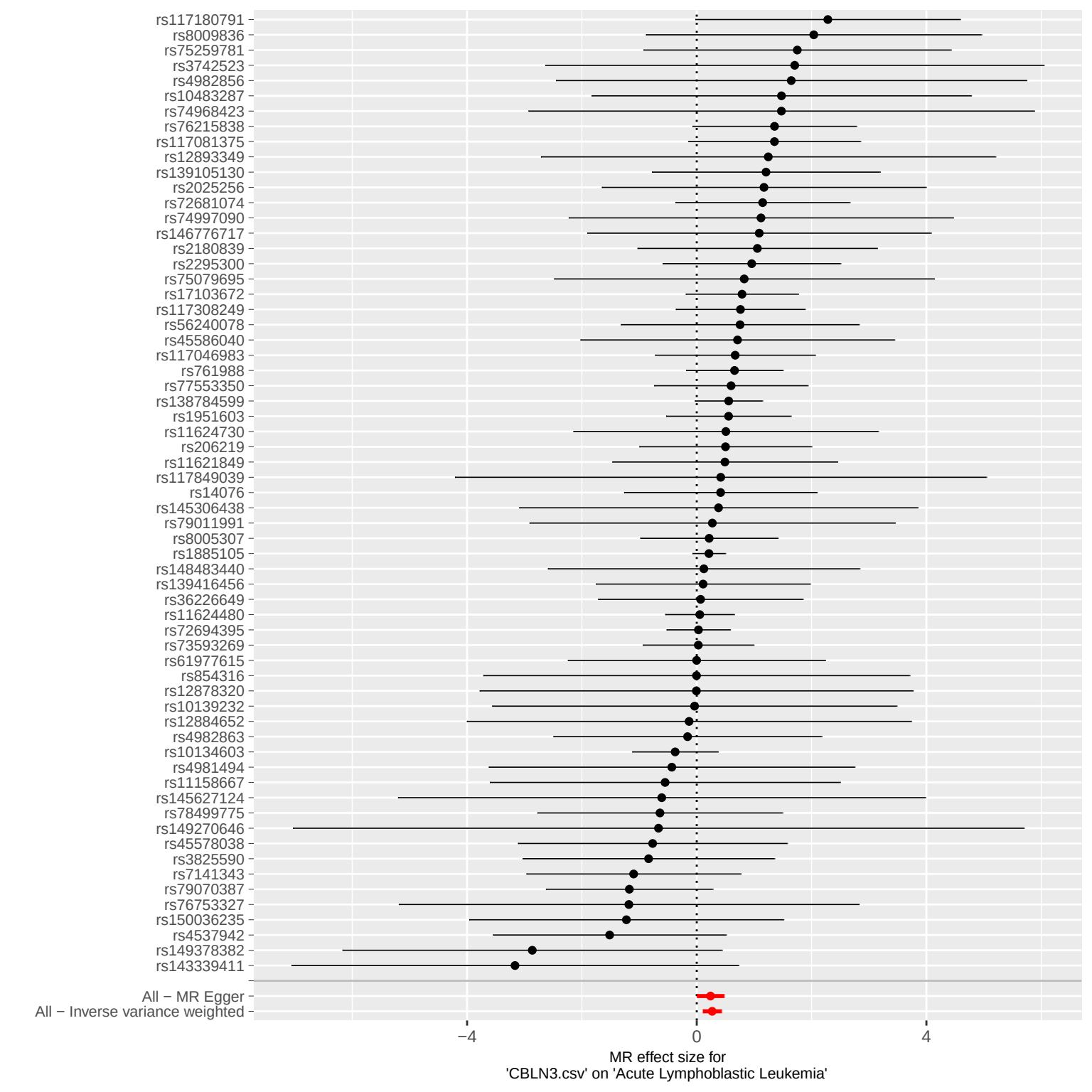
MR effect size for
'CAV2.csv' on 'Acute Lymphoblastic Leukemia'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rs149270646
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rs79070387
rs76753327
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rs4537942
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All − MR Egger
All − Inverse variance weighted
−4
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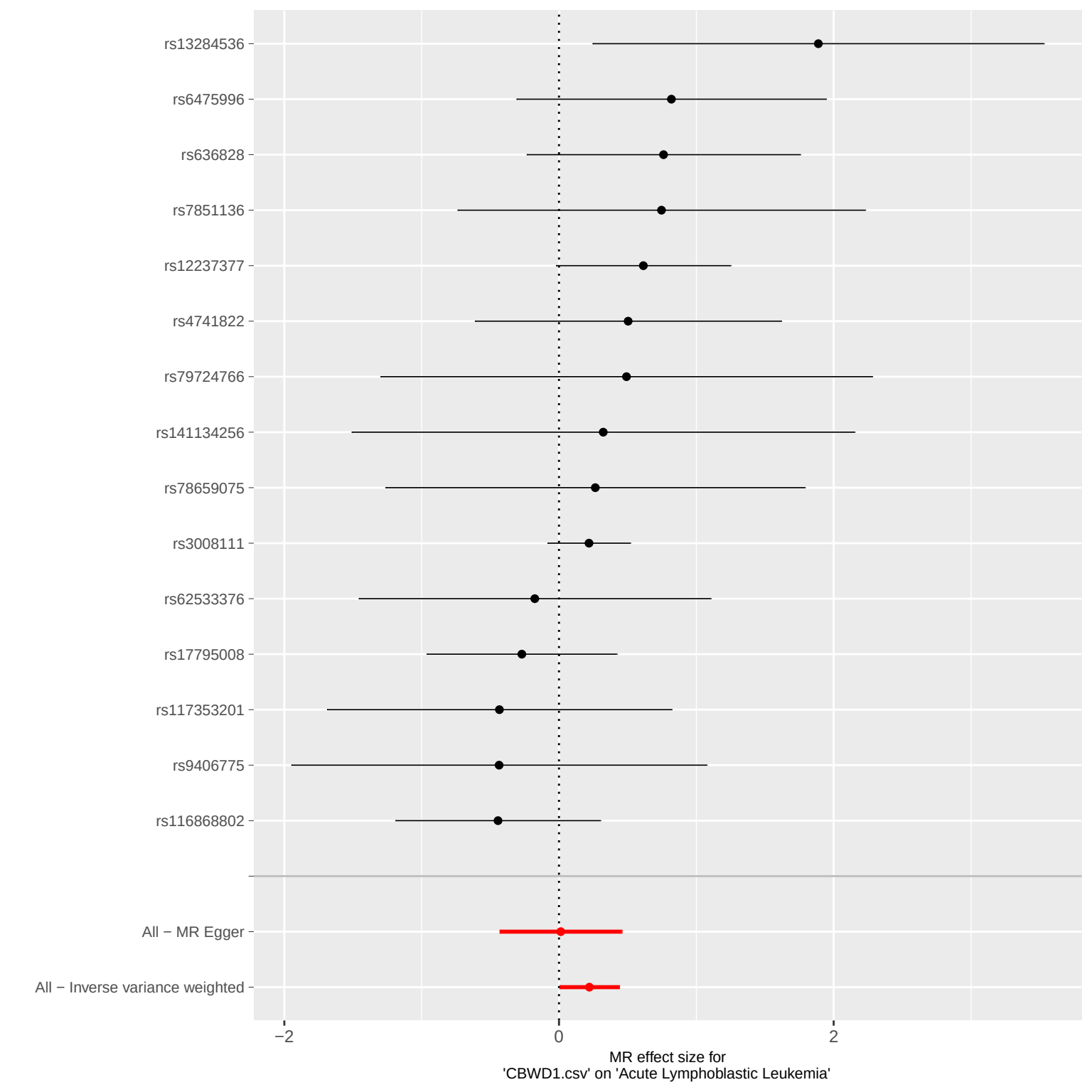
4
MR effect size for
'CBLN3.csv' on 'Acute Lymphoblastic Leukemia'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rs17795008
rs117353201
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All − MR Egger
All − Inverse variance weighted
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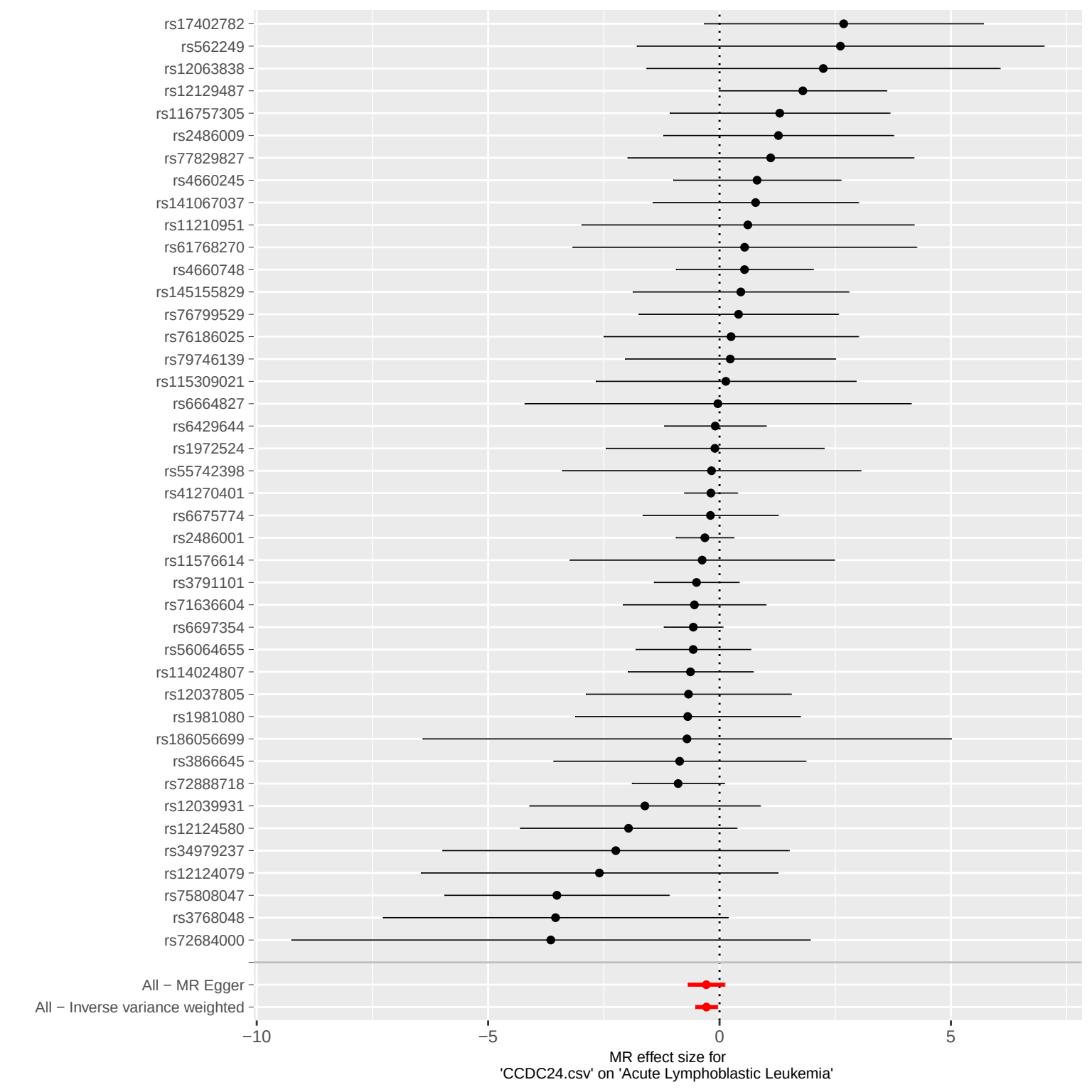
MR effect size for
'CBWD1.csv' on 'Acute Lymphoblastic Leukemia'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rs12124580
rs34979237
rs12124079
rs75808047
rs3768048
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All − MR Egger
All − Inverse variance weighted
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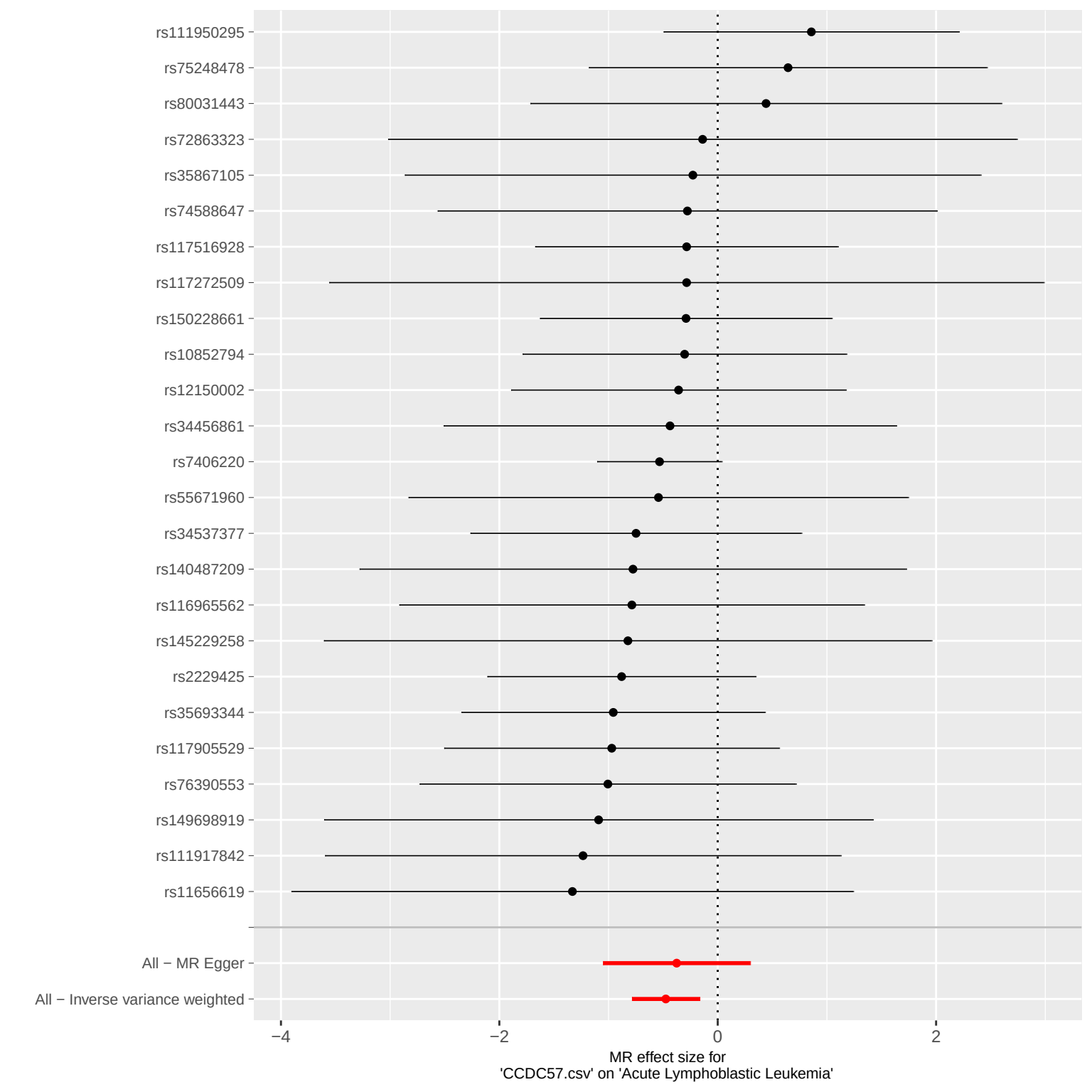
−5
0
5
MR effect size for
'CCDC24.csv' on 'Acute Lymphoblastic Leukemia'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rs2229425
rs35693344
rs117905529
rs76390553
rs149698919
rs111917842
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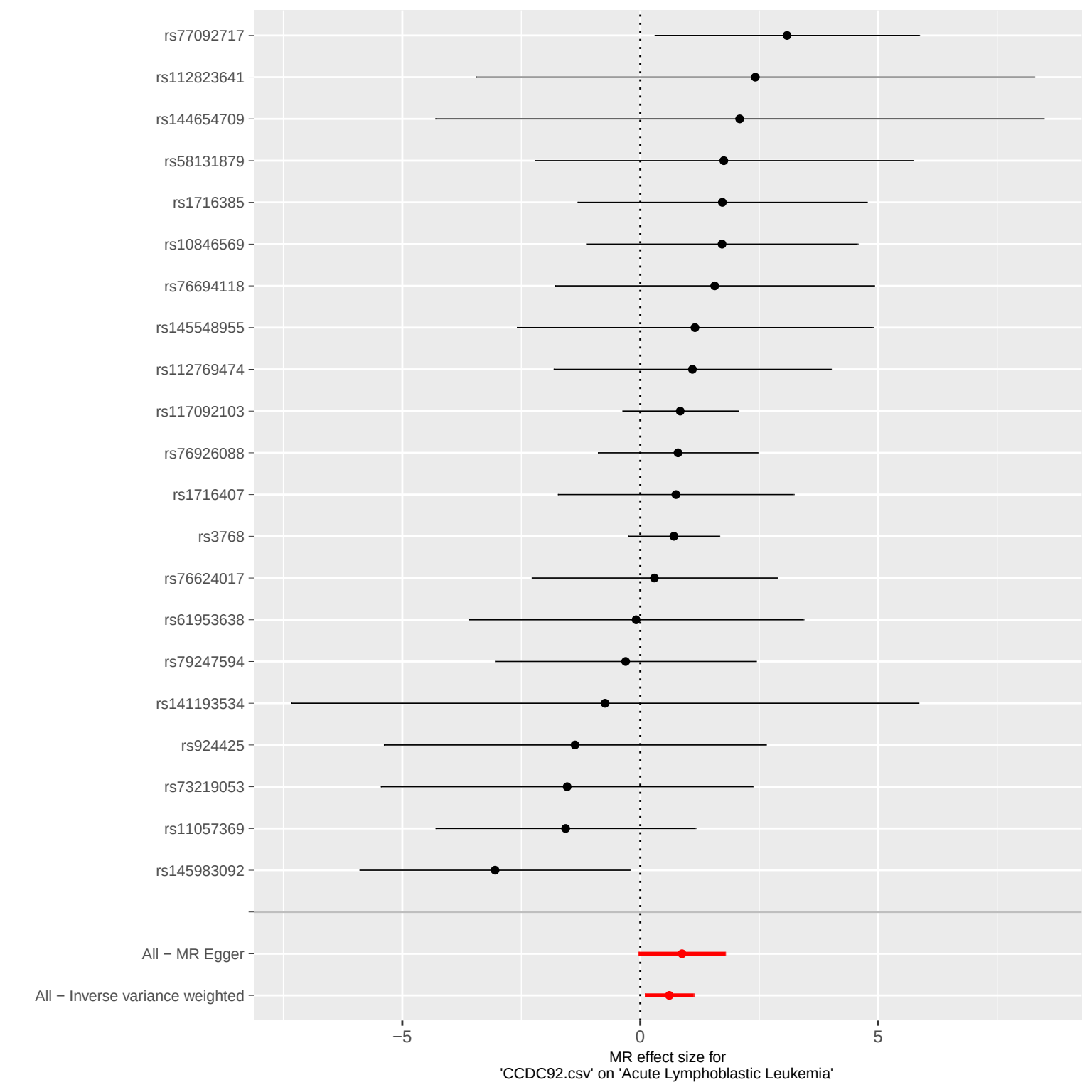
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CCDC57.csv' on 'Acute Lymphoblastic Leukemia'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rs1716407
rs3768
rs76624017
rs61953638
rs79247594
rs141193534
rs924425
rs73219053
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All − MR Egger
All − Inverse variance weighted
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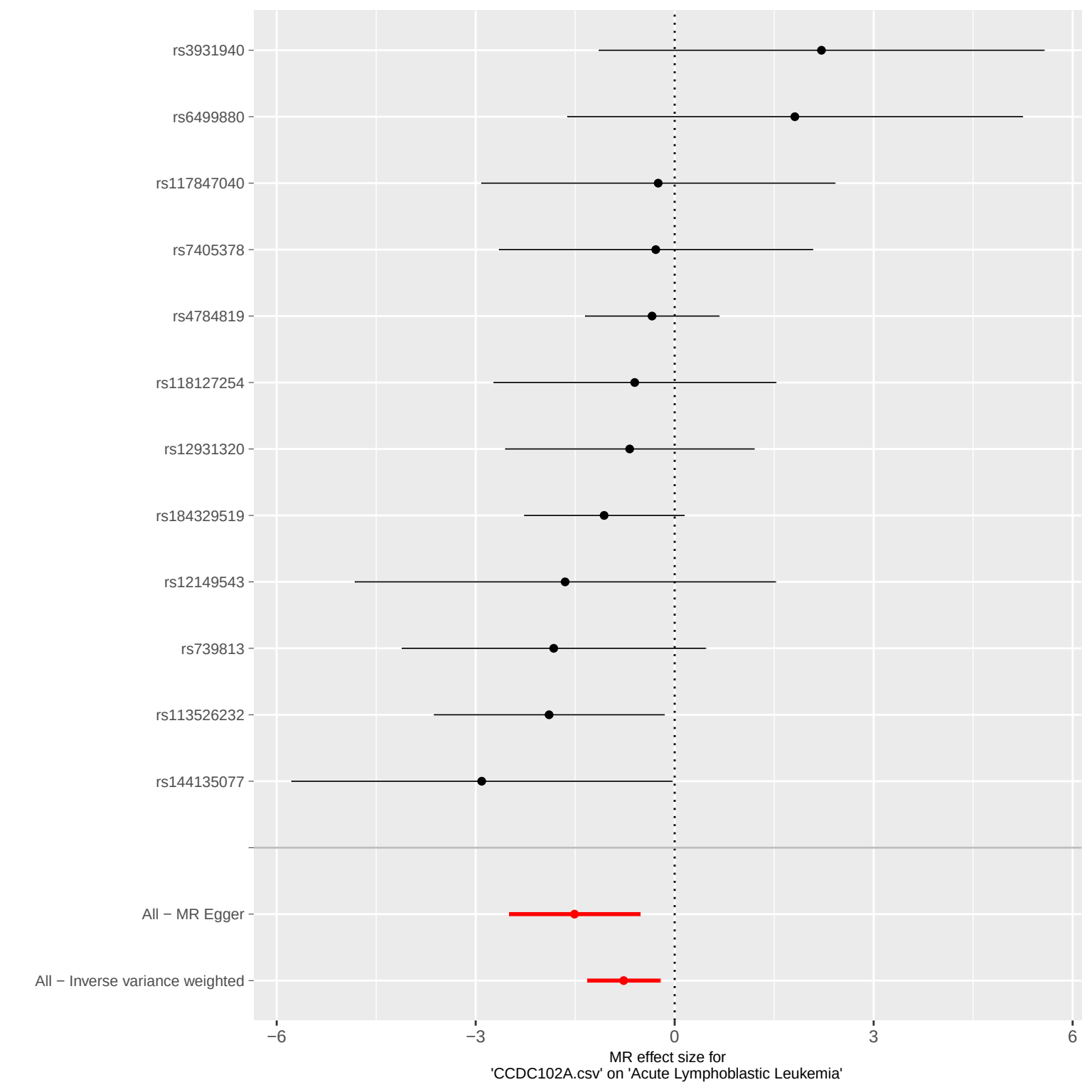
5
MR effect size for
'CCDC92.csv' on 'Acute Lymphoblastic Leukemia'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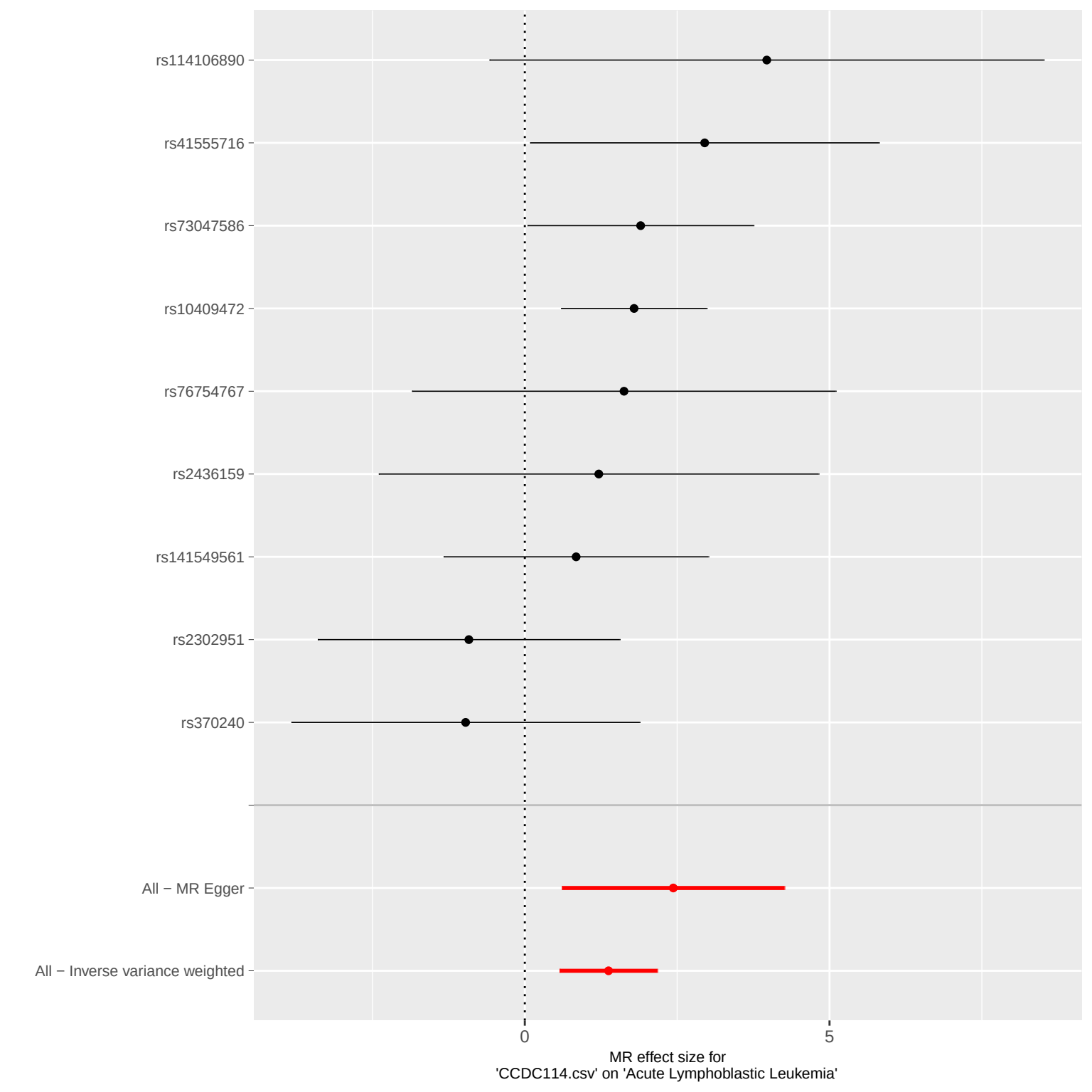
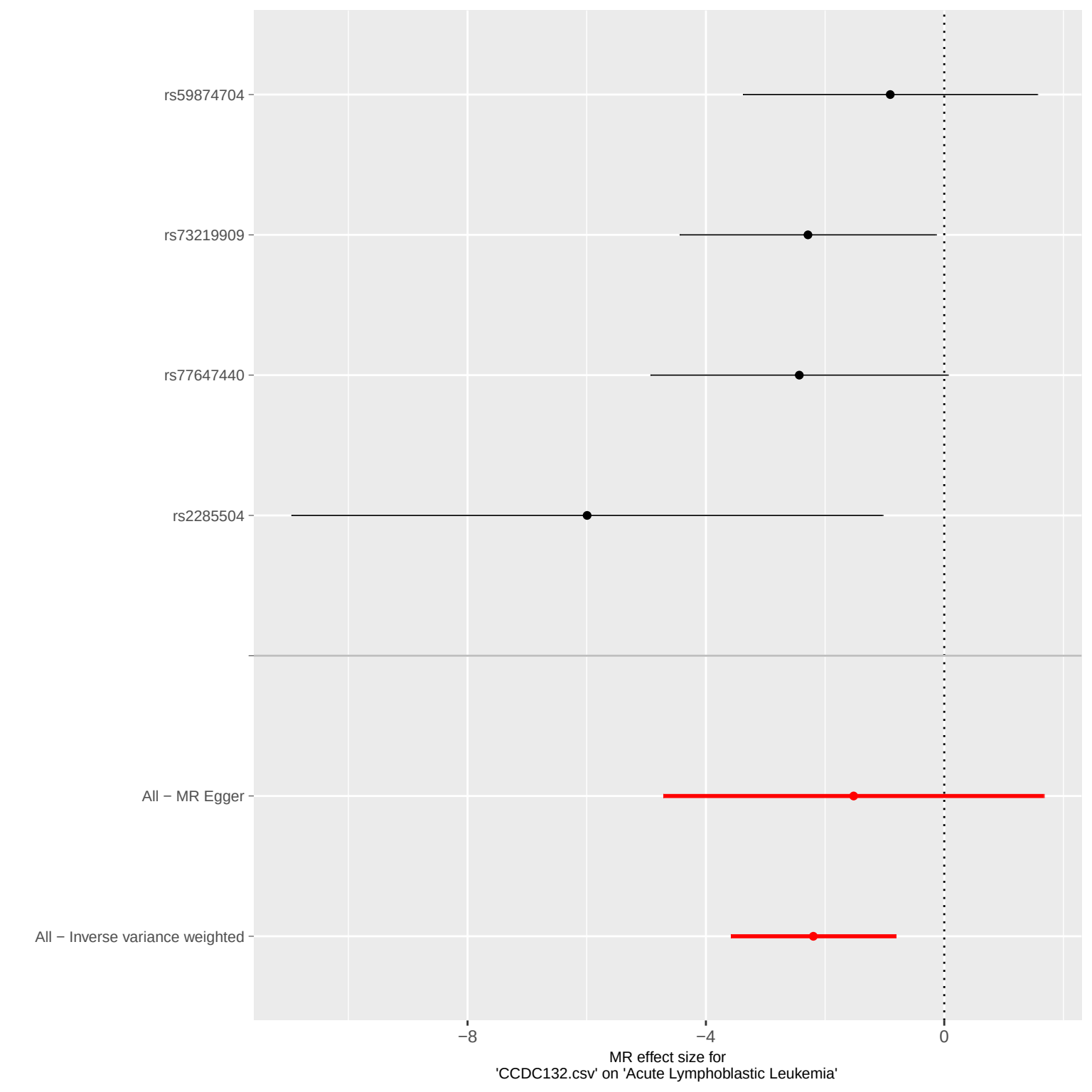
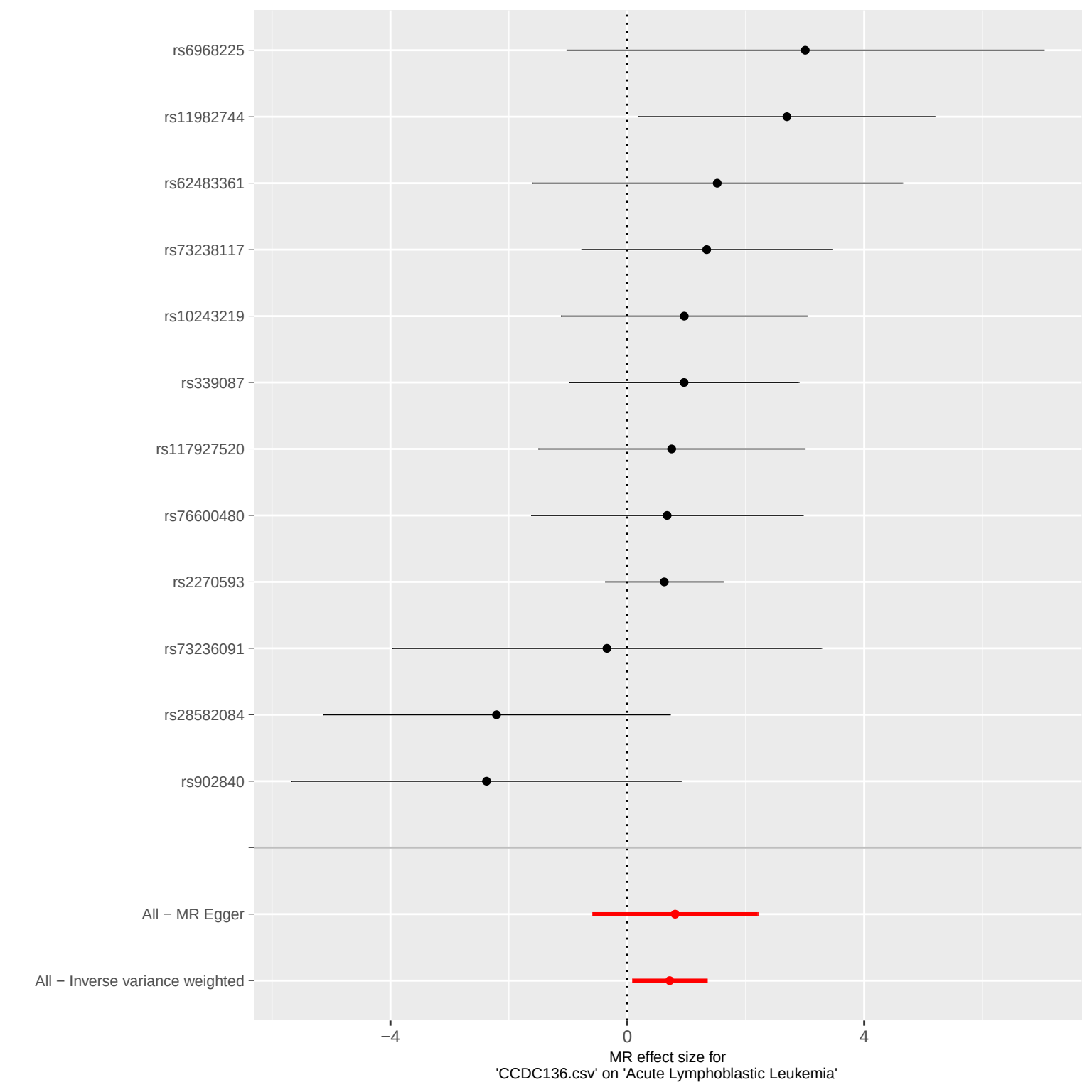
rs739813
rs113526232
rs144135077
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'CCDC102A.csv' on 'Acute Lymphoblastic Leukemia'


rs114106890
rs41555716
rs73047586
rs10409472
rs76754767
rs2436159
rs141549561
rs2302951
rs370240
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'CCDC114.csv' on 'Acute Lymphoblastic Leukemia'


rs59874704
rs73219909
rs77647440
rs2285504
All − MR Egger
All − Inverse variance weighted
−8
−4
0
MR effect size for
'CCDC132.csv' on 'Acute Lymphoblastic Leukemia'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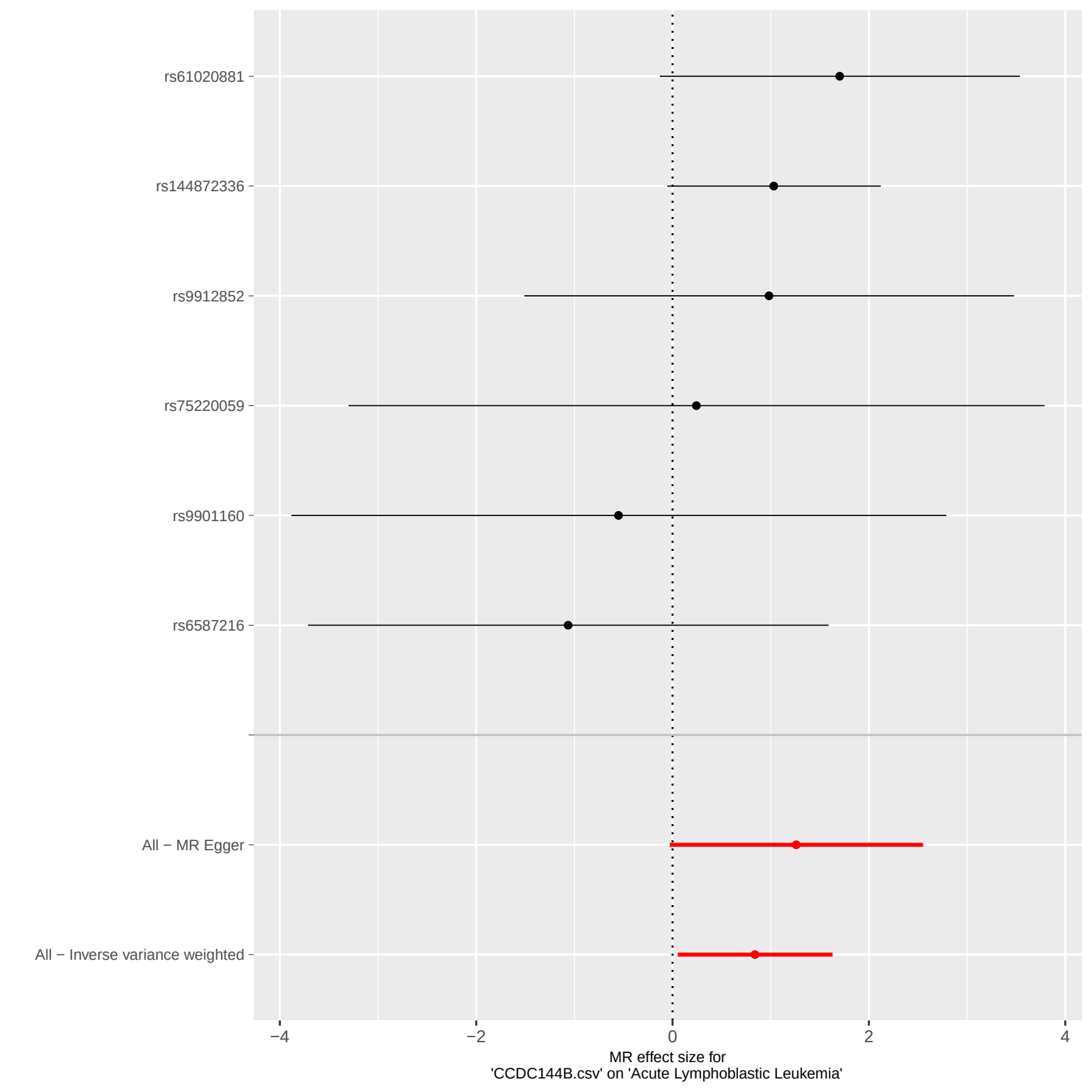
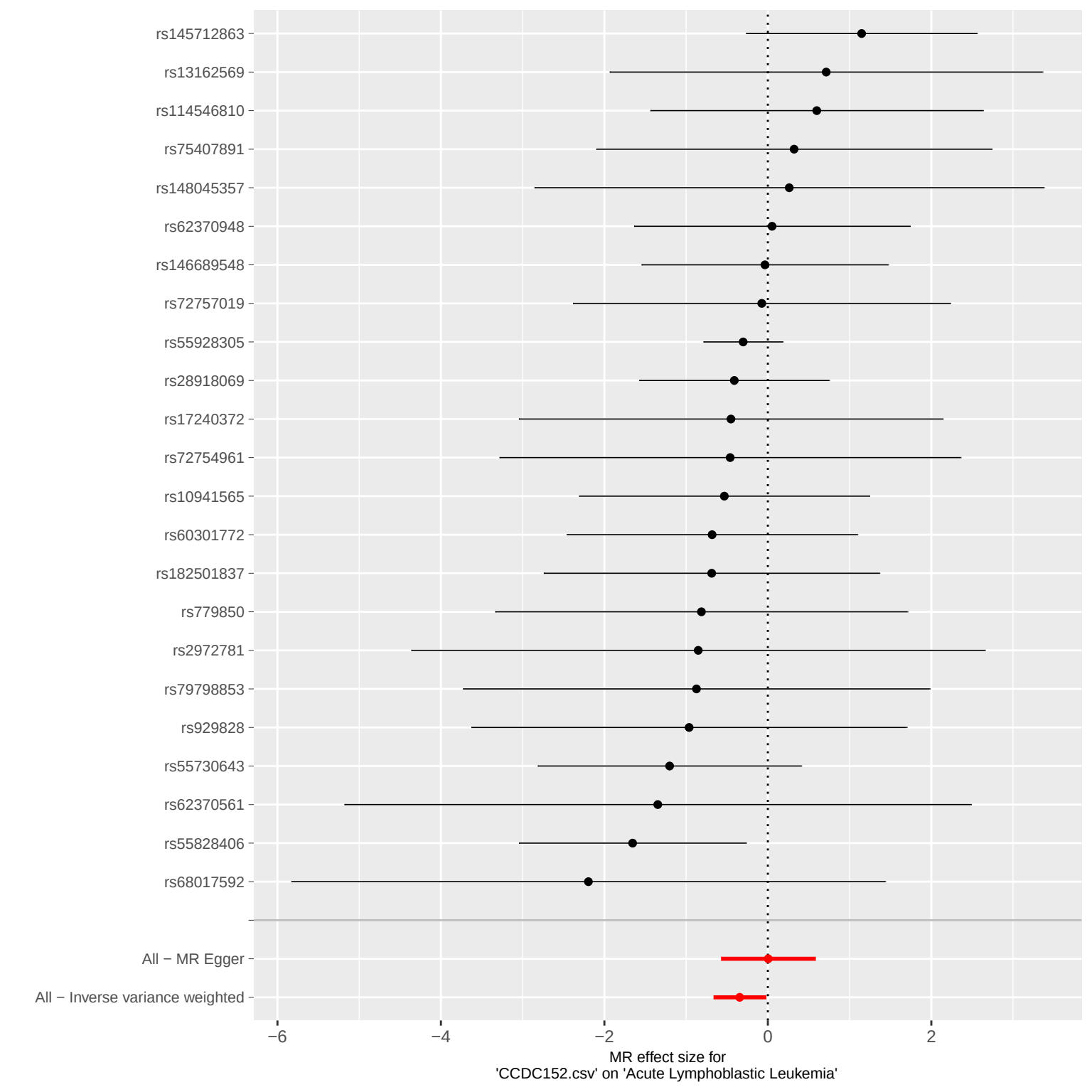
rs11982744
rs62483361
rs73238117
rs10243219
rs339087
rs117927520
rs76600480
rs2270593
rs73236091
rs28582084
rs902840
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CCDC136.csv' on 'Acute Lymphoblastic Leukemia'


rs61020881
rs144872336
rs9912852
rs75220059
rs9901160
rs6587216
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CCDC144B.csv' on 'Acute Lymphoblastic Leukemia'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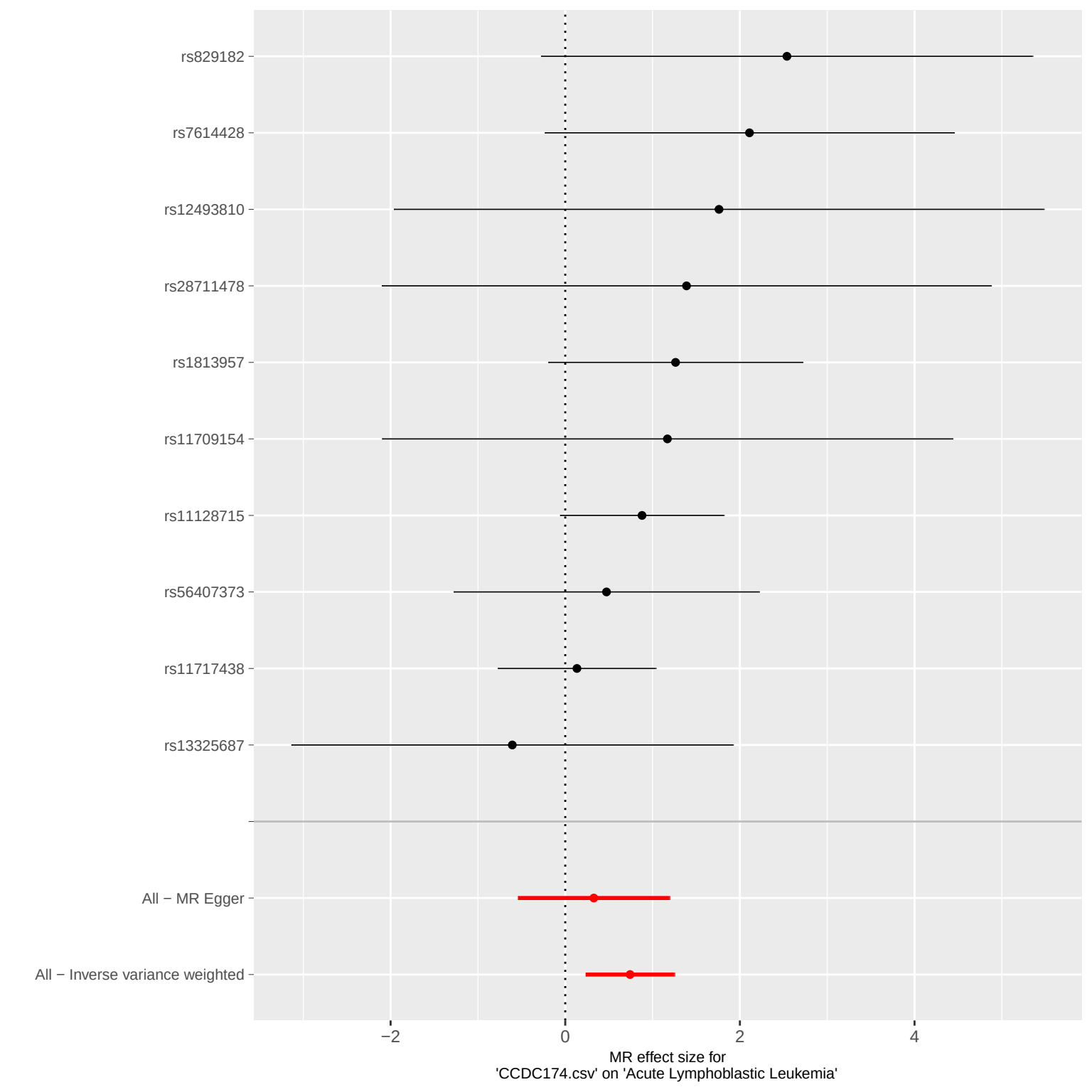
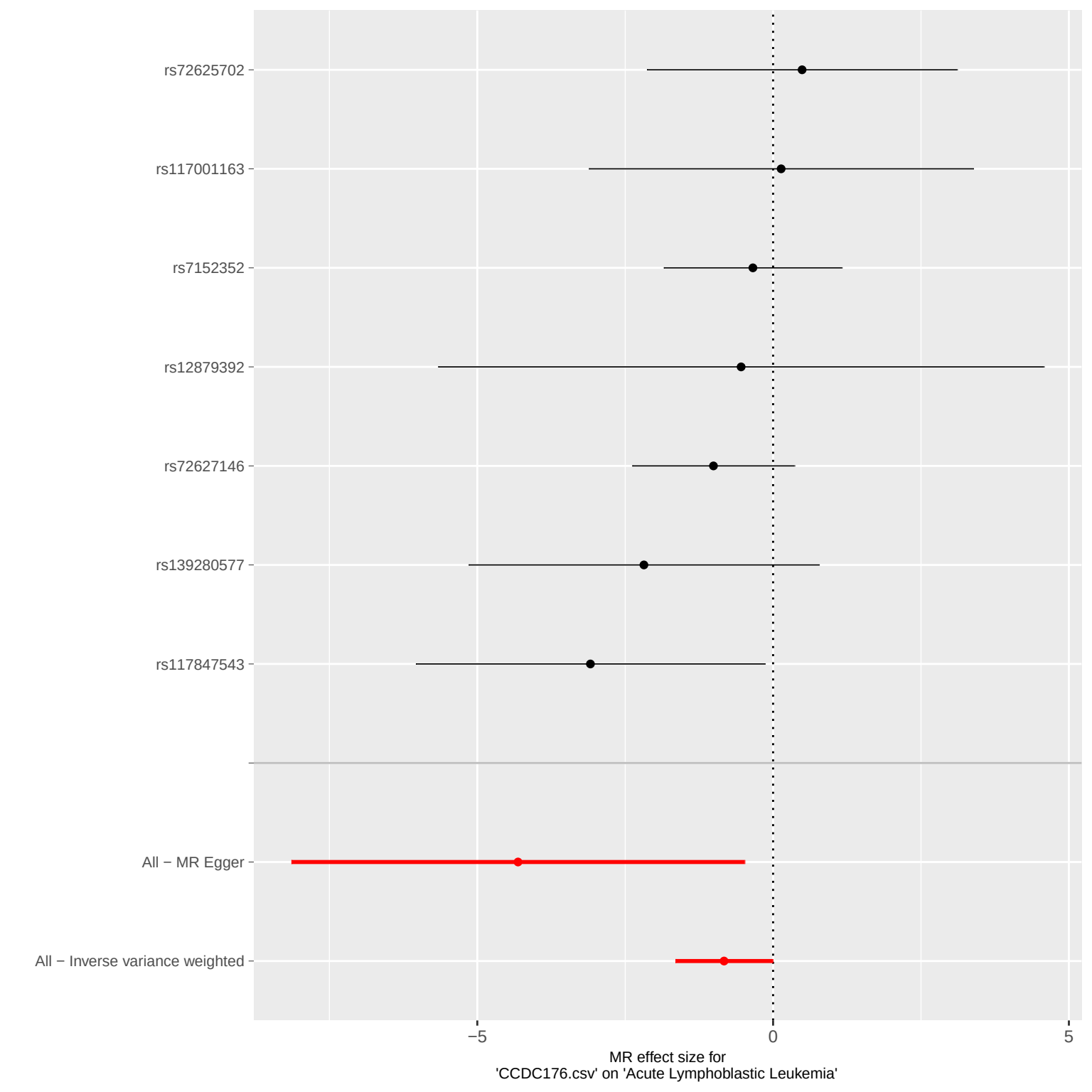
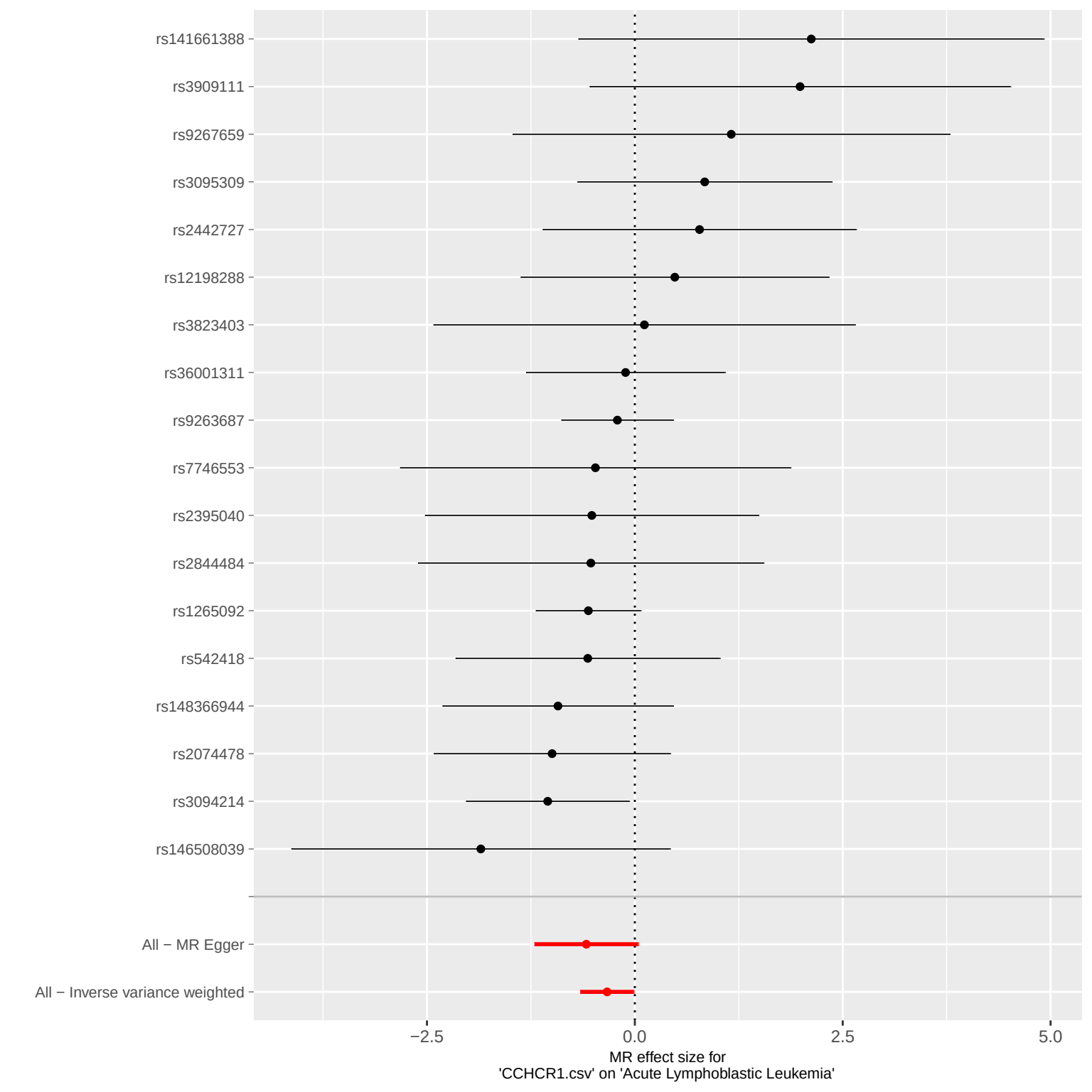
rs75407891
rs148045357
rs62370948
rs146689548
rs72757019
rs55928305
rs28918069
rs17240372
rs72754961
rs10941565
rs60301772
rs182501837
rs779850
rs2972781
rs79798853
rs929828
rs55730643
rs62370561
rs55828406
rs68017592
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'CCDC152.csv' on 'Acute Lymphoblastic Leukemia'


rs829182
rs7614428
rs12493810
rs28711478
rs1813957
rs11709154
rs11128715
rs56407373
rs11717438
rs13325687
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CCDC174.csv' on 'Acute Lymphoblastic Leukemia'


rs72625702
rs117001163
rs7152352
rs12879392
rs72627146
rs139280577
rs117847543
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CCDC176.csv' on 'Acute Lymphoblastic Leukemia'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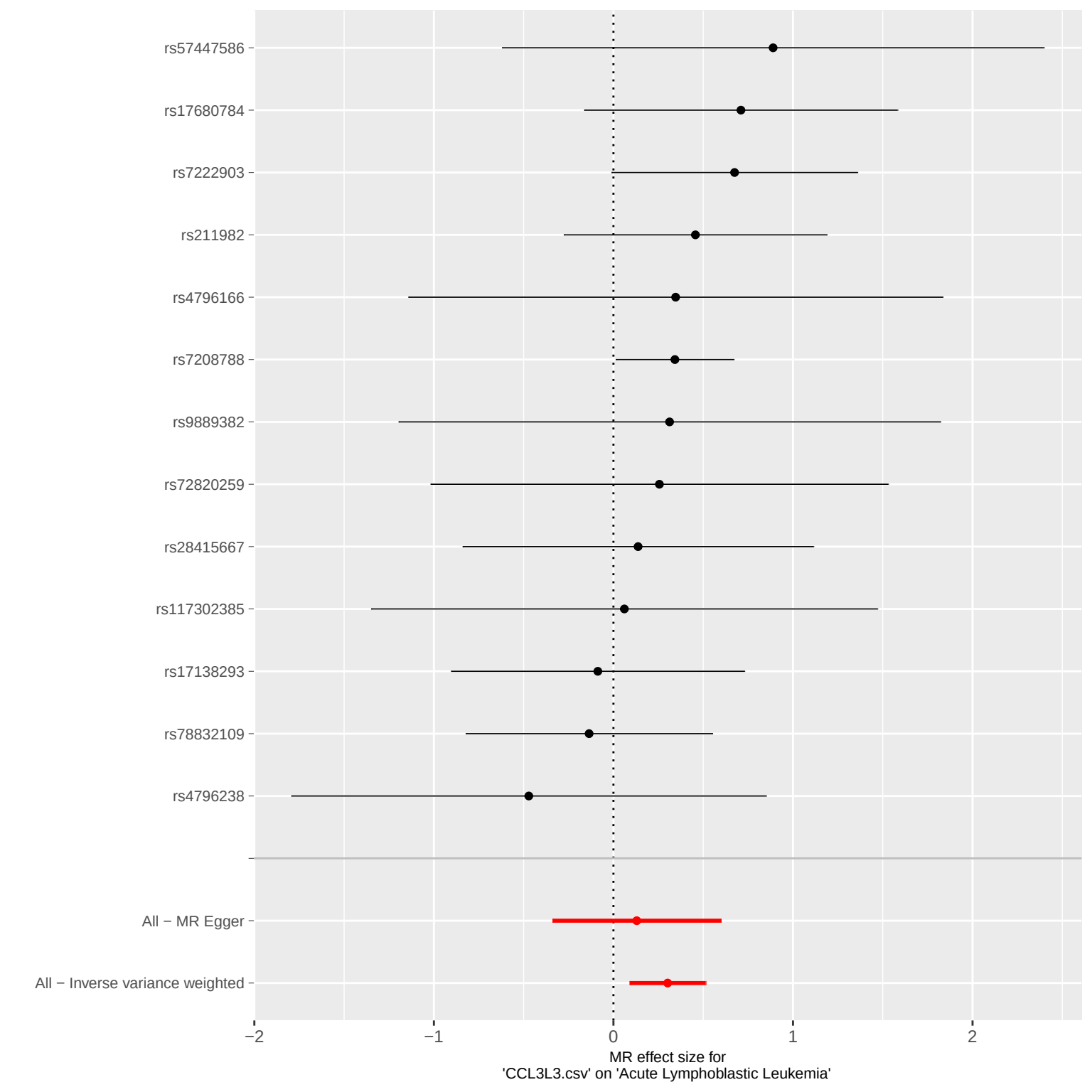
rs9267659
rs3095309
rs2442727
rs12198288
rs3823403
rs36001311
rs9263687
rs7746553
rs2395040
rs2844484
rs1265092
rs542418
rs148366944
rs2074478
rs3094214
rs146508039
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CCHCR1.csv' on 'Acute Lymphoblastic Leukemia'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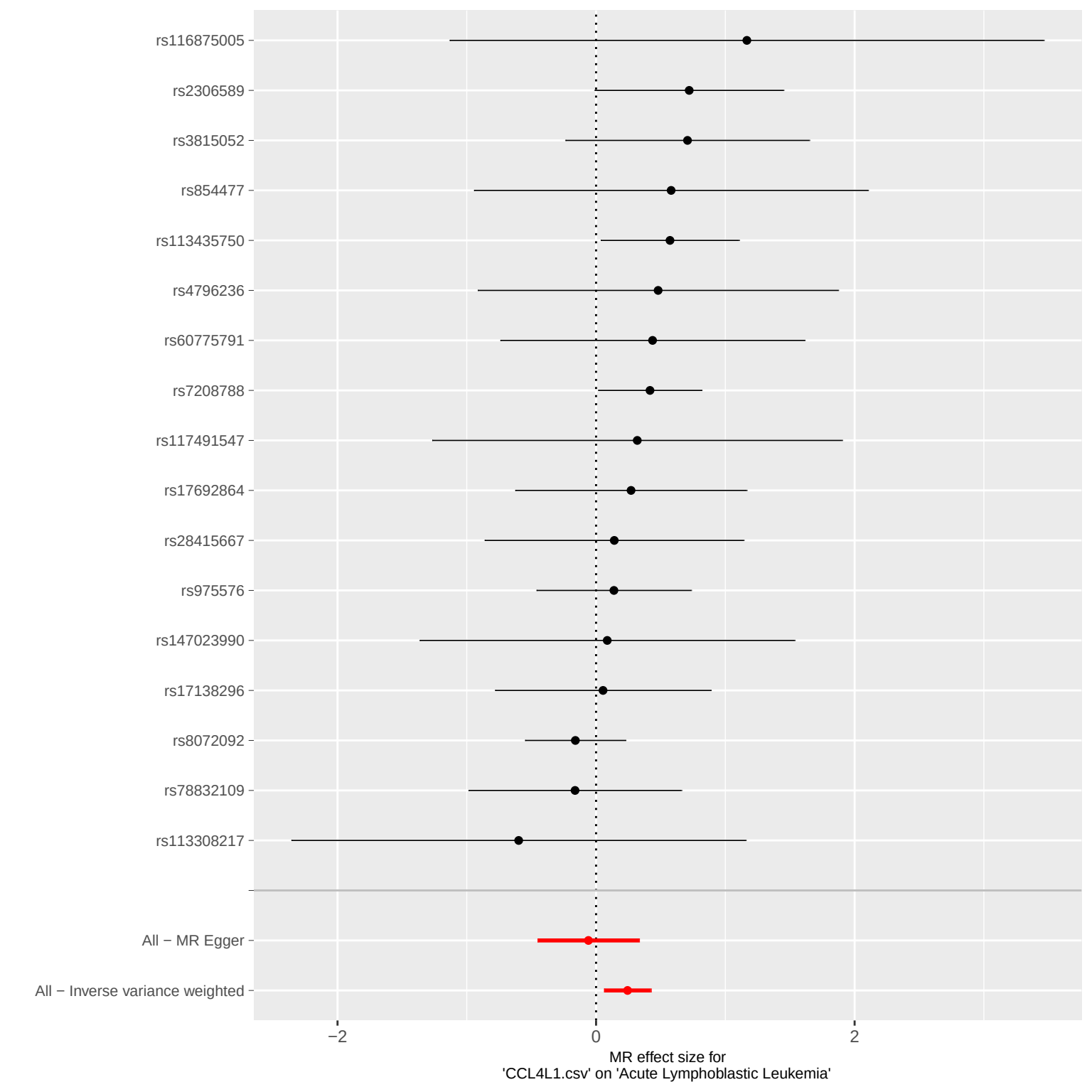
rs17680784
rs7222903
rs211982
rs4796166
rs7208788
rs9889382
rs72820259
rs28415667
rs117302385
rs17138293
rs78832109
rs4796238
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'CCL3L3.csv' on 'Acute Lymphoblastic Leukemia'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rs2306589
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rs854477
rs113435750
rs4796236
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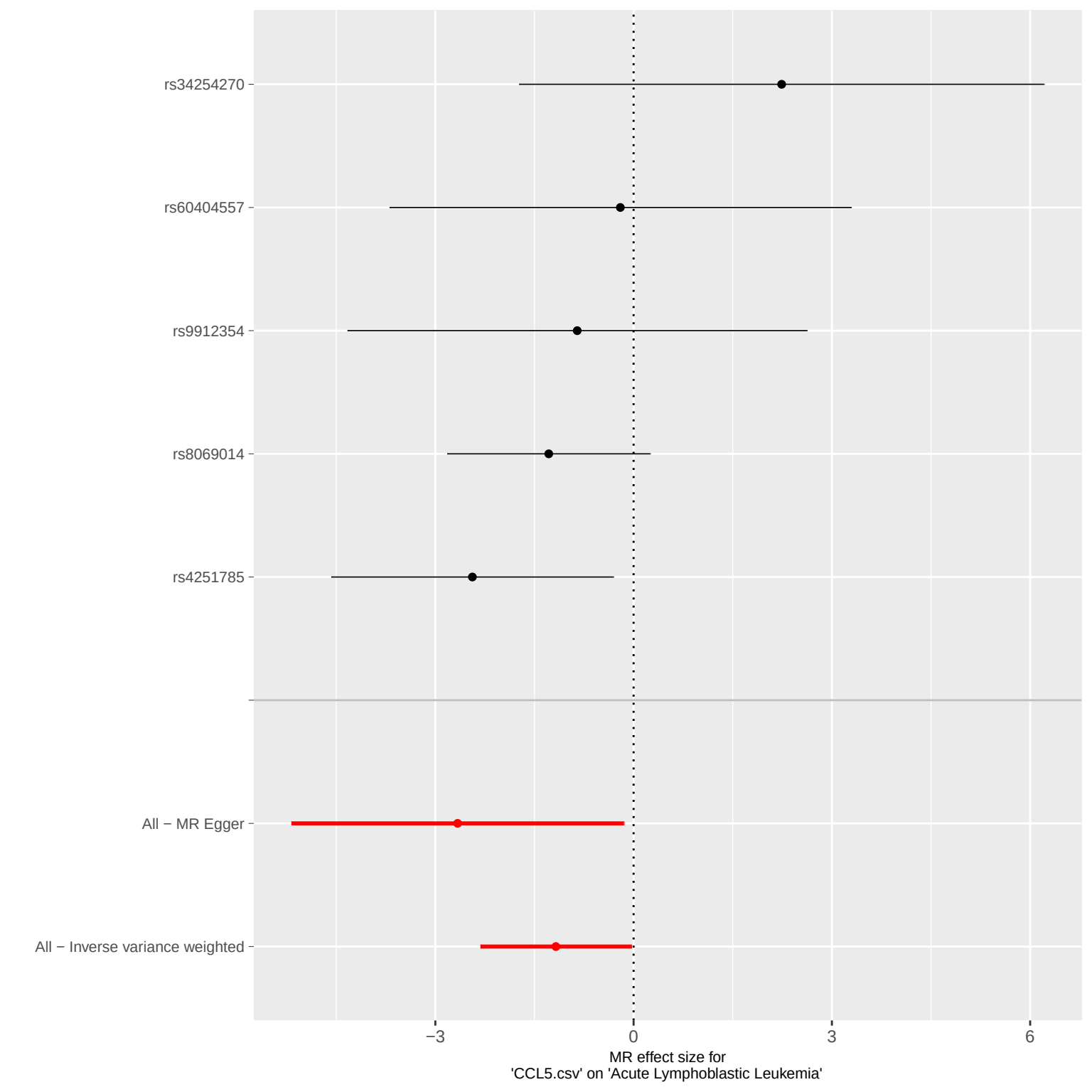
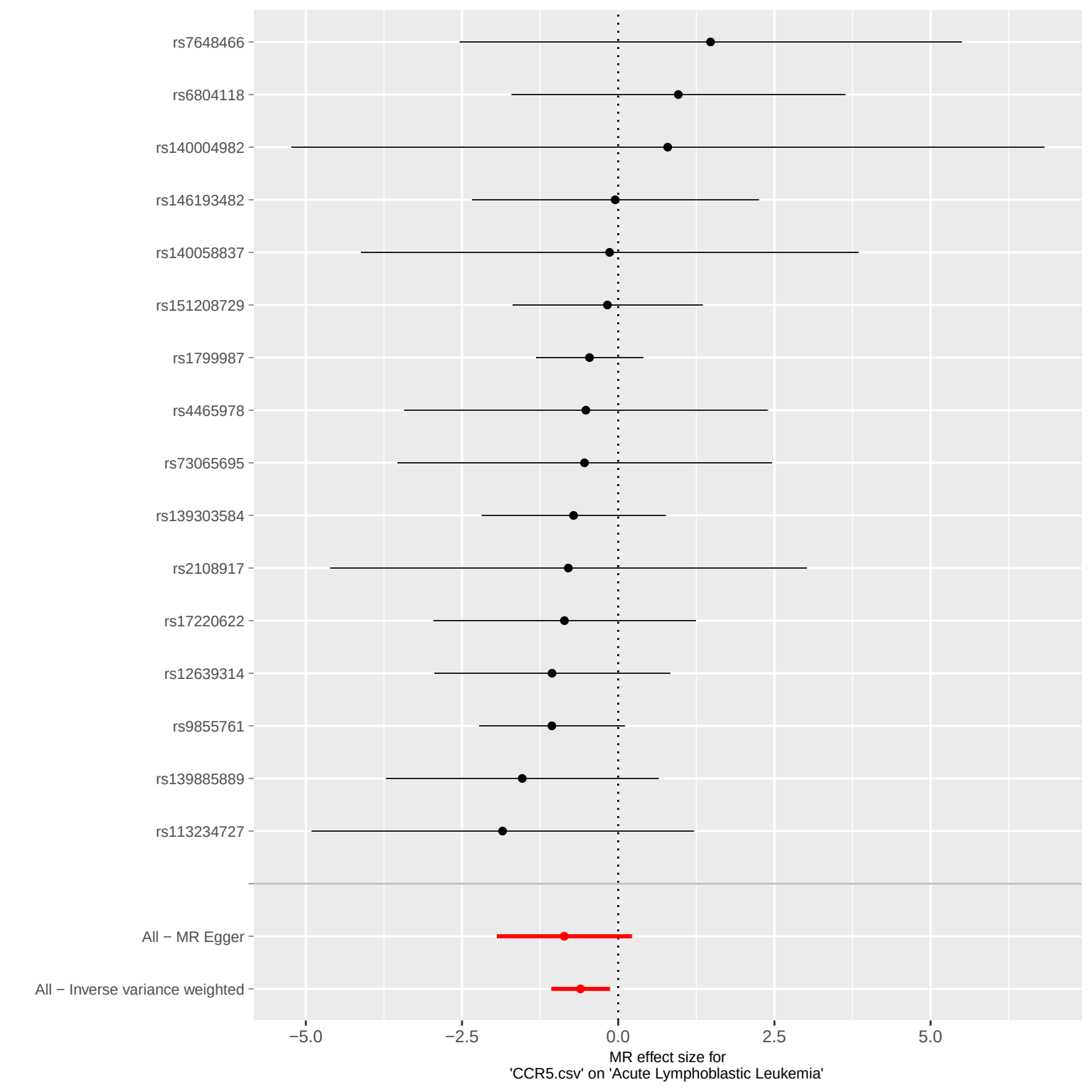
rs7208788
rs117491547
rs17692864
rs28415667
rs975576
rs147023990
rs17138296
rs8072092
rs78832109
rs113308217
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CCL4L1.csv' on 'Acute Lymphoblastic Leukemia'


rs34254270
rs60404557
rs9912354
rs8069014
rs4251785
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'CCL5.csv' on 'Acute Lymphoblastic Leukemia'


rs7648466
rs6804118
rs140004982
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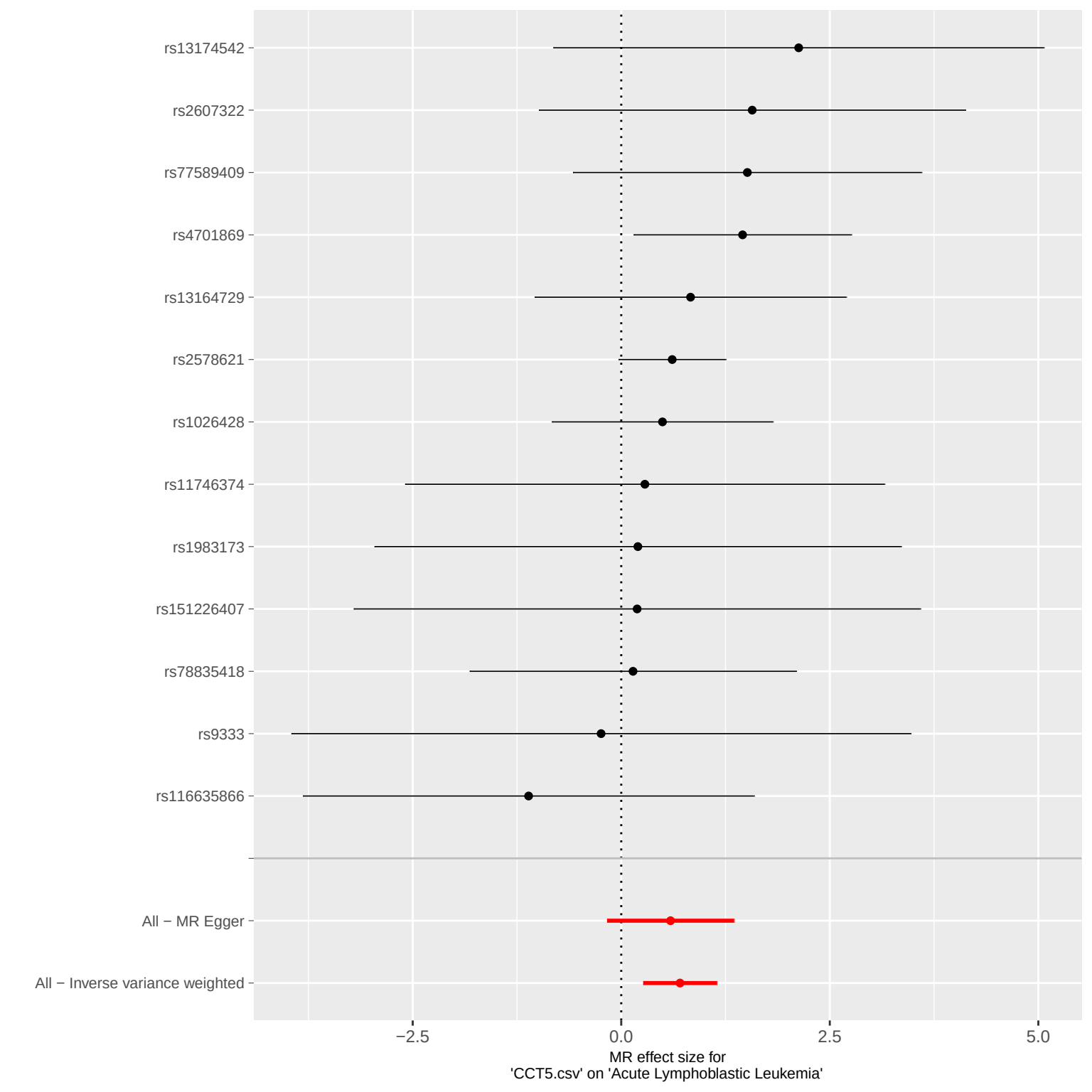
rs140058837
rs151208729
rs1799987
rs4465978
rs73065695
rs139303584
rs2108917
rs17220622
rs12639314
rs9855761
rs139885889
rs113234727
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CCR5.csv' on 'Acute Lymphoblastic Leukemia'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rs13164729
rs2578621
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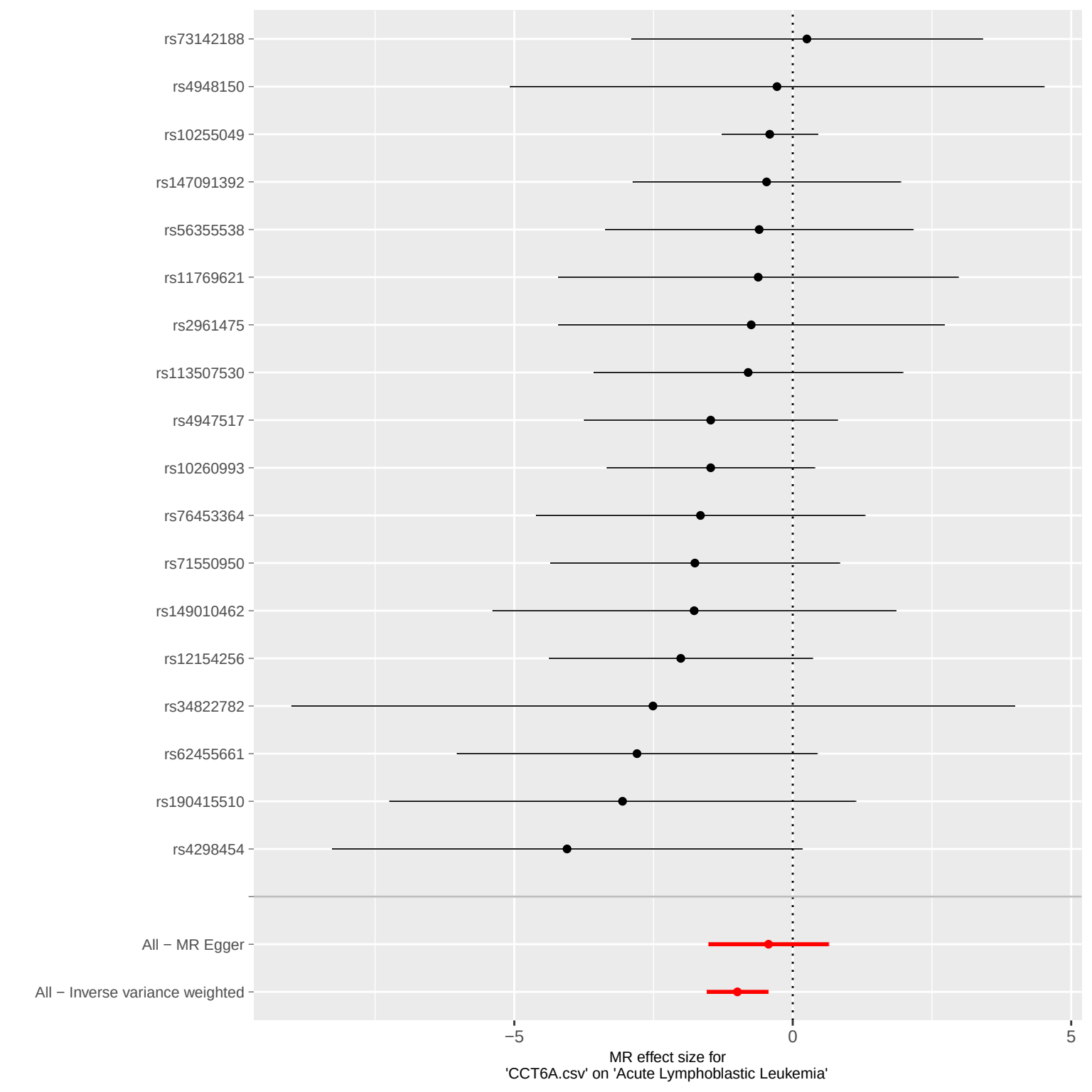
rs11746374
rs1983173
rs151226407
rs78835418
rs9333
rs116635866
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CCT5.csv' on 'Acute Lymphoblastic Leukemia'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rs113507530
rs4947517
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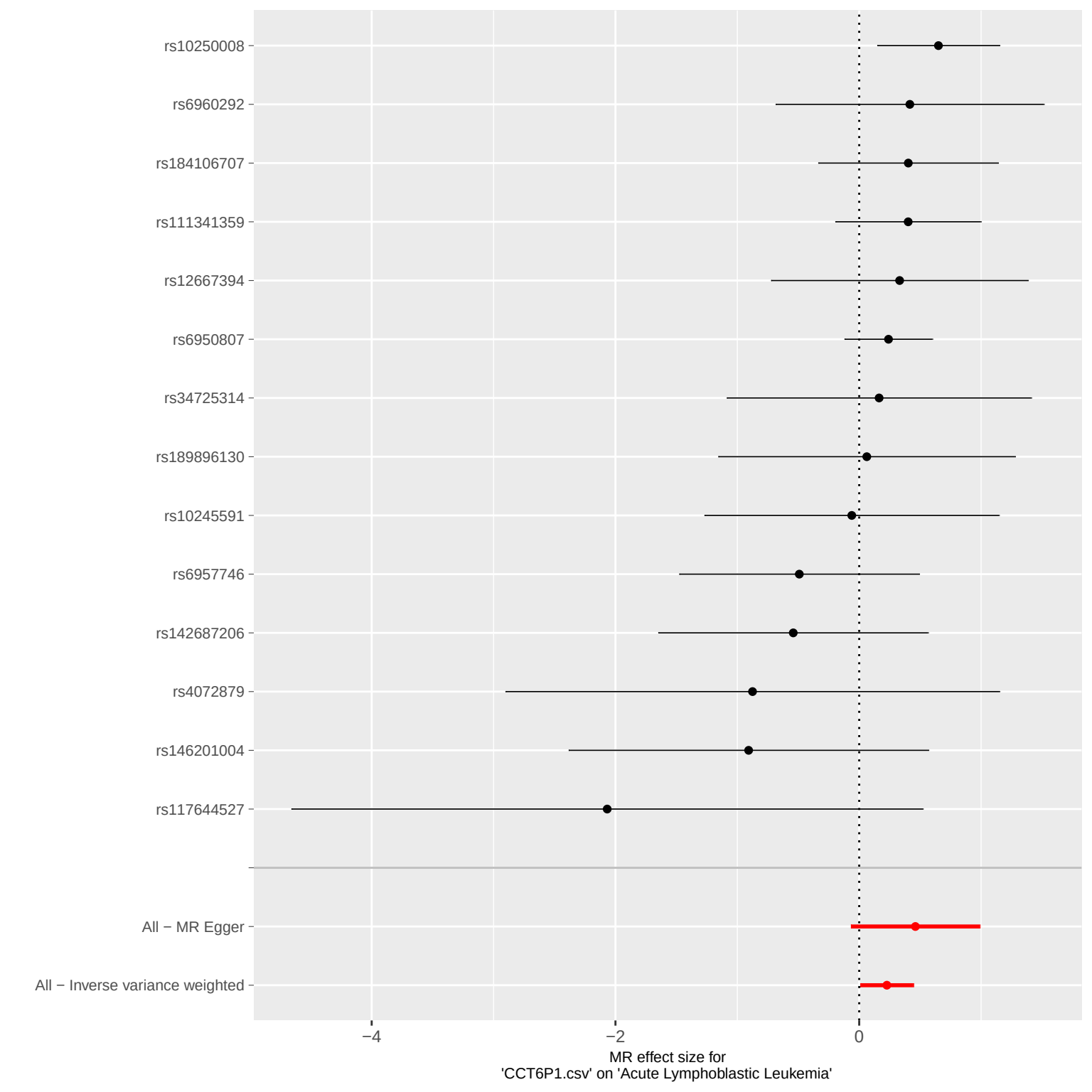
rs76453364
rs71550950
rs149010462
rs12154256
rs34822782
rs62455661
rs190415510
rs4298454
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CCT6A.csv' on 'Acute Lymphoblastic Leukemia'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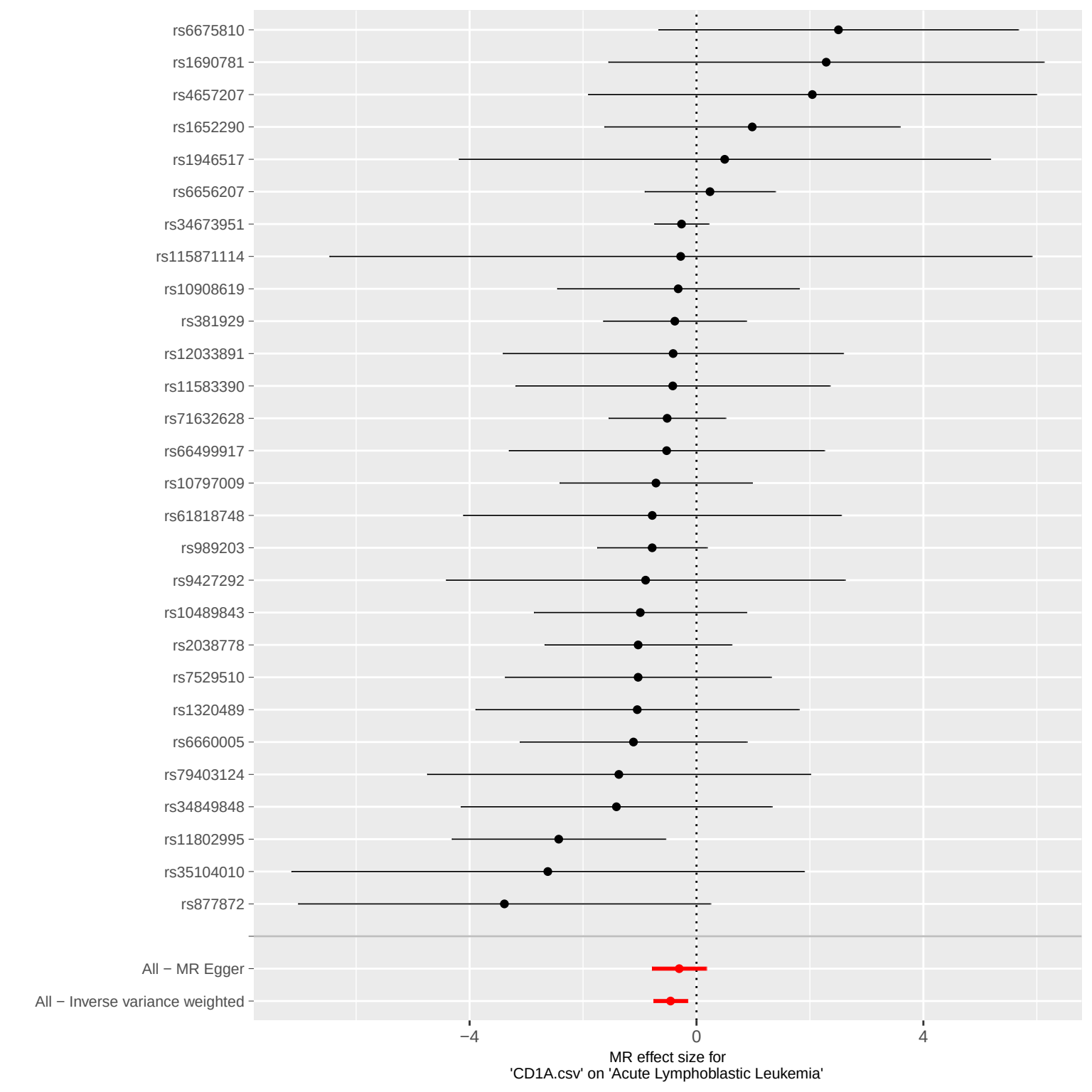
rs12667394
rs6950807
rs34725314
rs189896130
rs10245591
rs6957746
rs142687206
rs4072879
rs146201004
rs117644527
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'CCT6P1.csv' on 'Acute Lymphoblastic Leukemia'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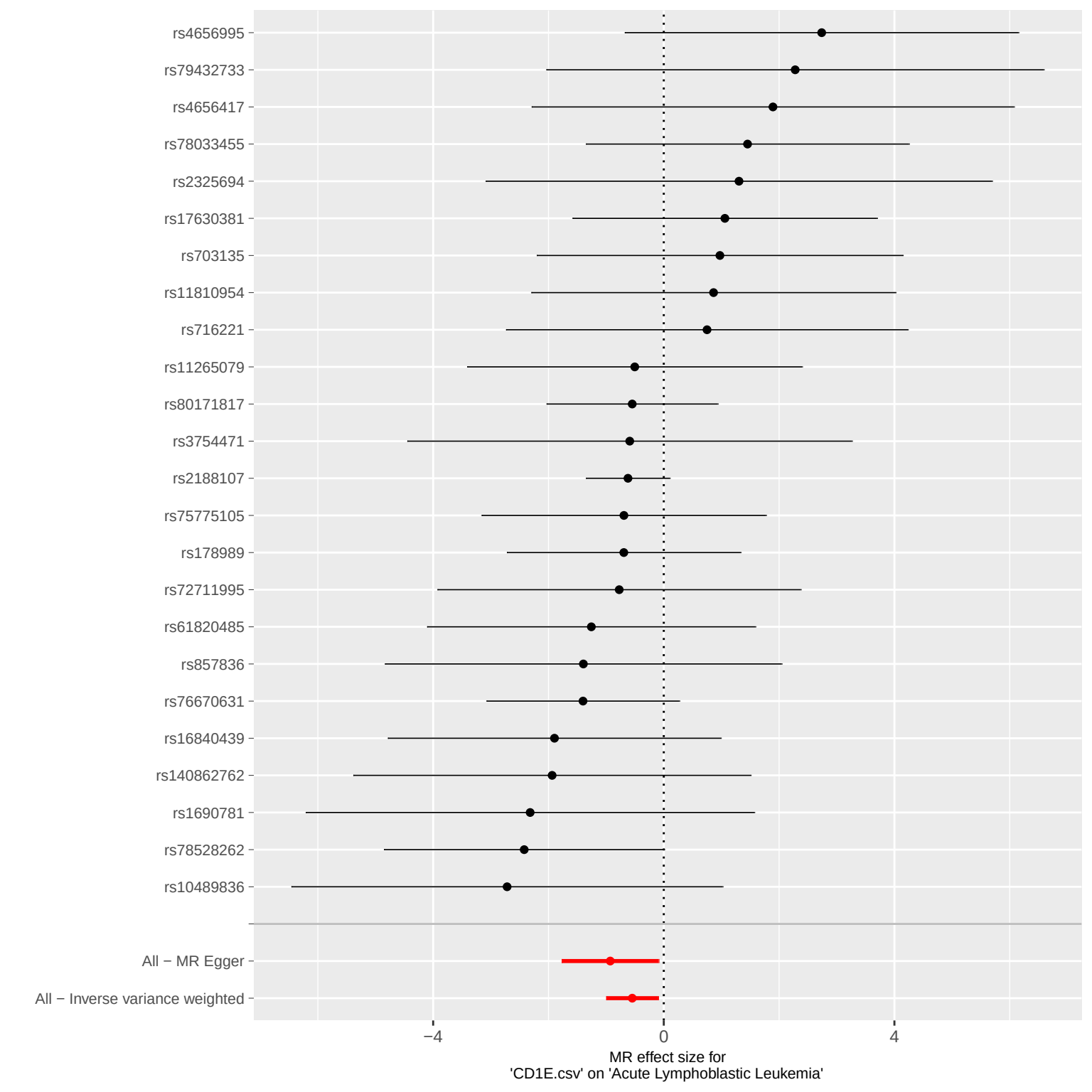
rs71632628
rs66499917
rs10797009
rs61818748
rs989203
rs9427292
rs10489843
rs2038778
rs7529510
rs1320489
rs6660005
rs79403124
rs34849848
rs11802995
rs35104010
rs877872
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CD1A.csv' on 'Acute Lymphoblastic Leukemia'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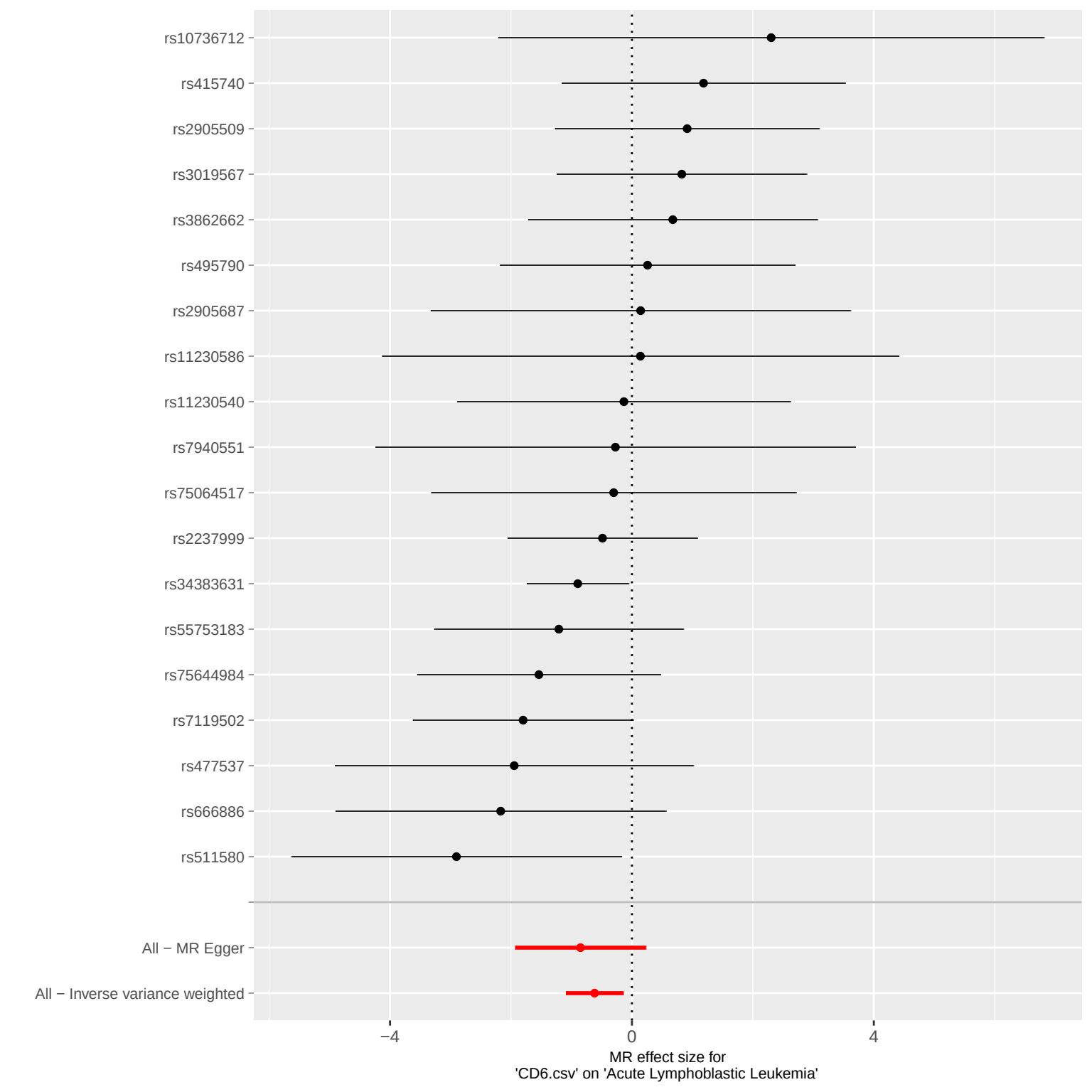
rs78033455
rs2325694
rs17630381
rs703135
rs11810954
rs716221
rs11265079
rs80171817
rs3754471
rs2188107
rs75775105
rs178989
rs72711995
rs61820485
rs857836
rs76670631
rs16840439
rs140862762
rs1690781
rs78528262
rs10489836
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CD1E.csv' on 'Acute Lymphoblastic Leukemia'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rs3019567
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rs495790
rs2905687
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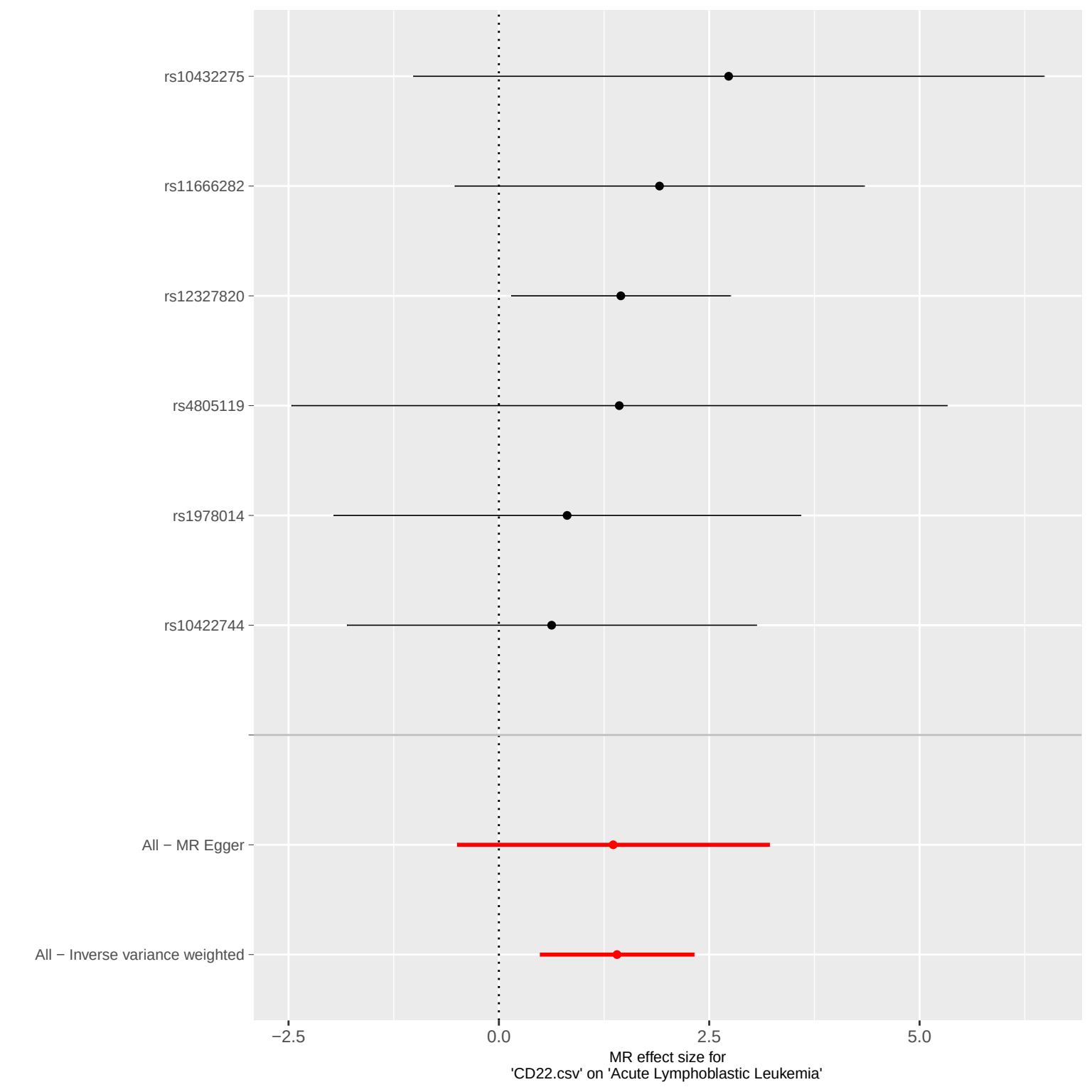
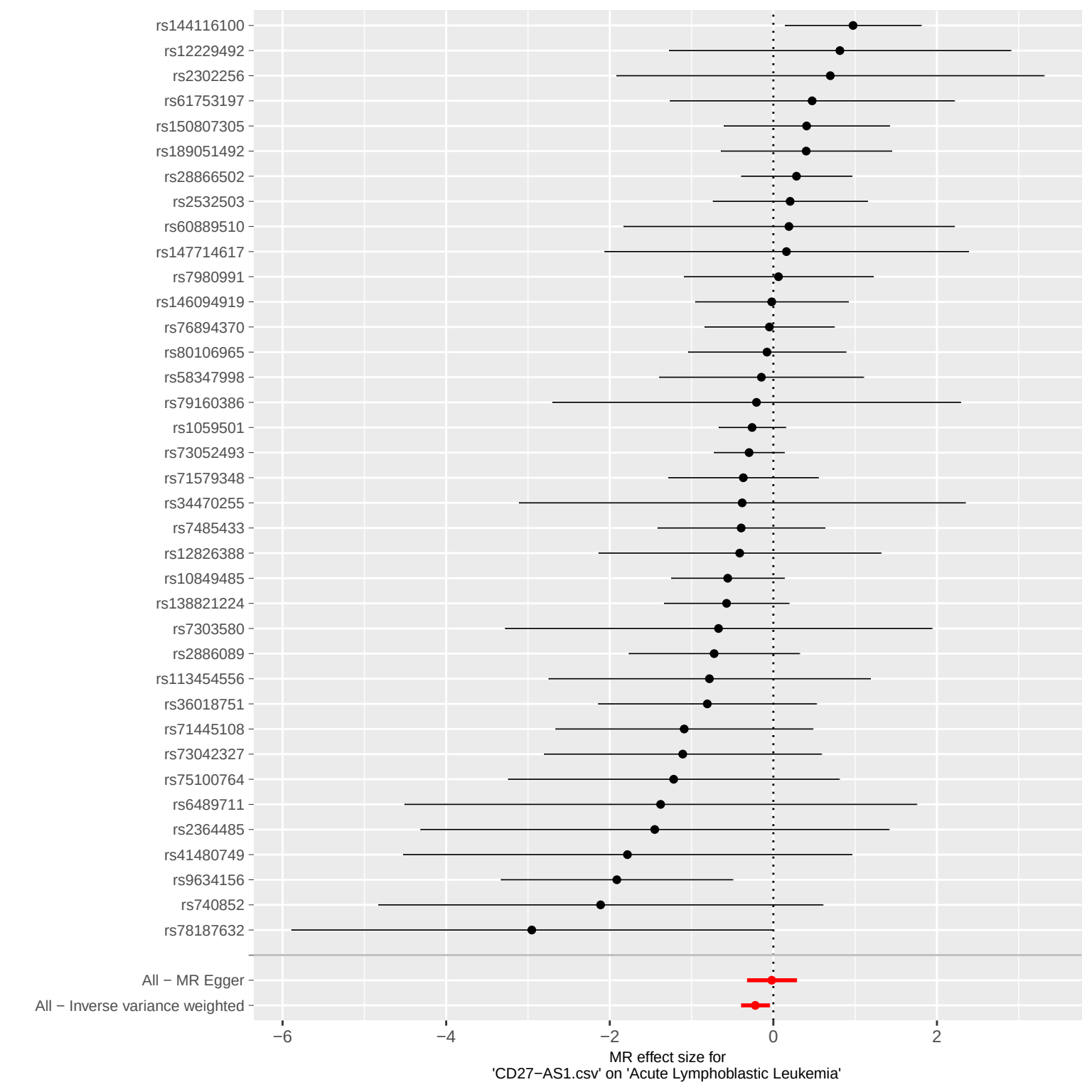
rs11230540
rs7940551
rs75064517
rs2237999
rs34383631
rs55753183
rs75644984
rs7119502
rs477537
rs666886
rs511580
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CD6.csv' on 'Acute Lymphoblastic Leukemia'


rs10432275
rs11666282
rs12327820
rs4805119
rs1978014
rs10422744
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CD22.csv' on 'Acute Lymphoblastic Leukemia'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rs146094919
rs76894370
rs80106965
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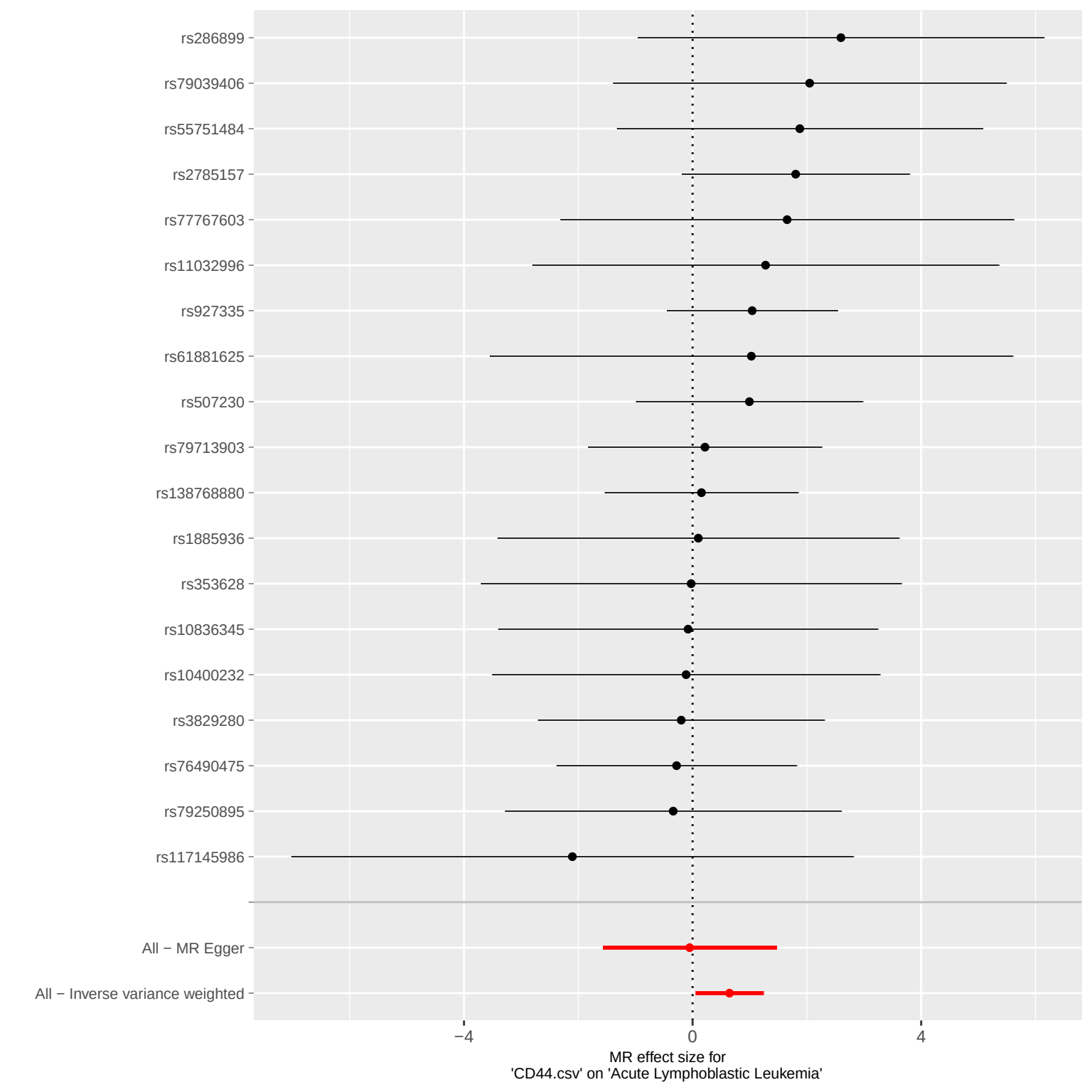
rs1059501
rs73052493
rs71579348
rs34470255
rs7485433
rs12826388
rs10849485
rs138821224
rs7303580
rs2886089
rs113454556
rs36018751
rs71445108
rs73042327
rs75100764
rs6489711
rs2364485
rs41480749
rs9634156
rs740852
rs78187632
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'CD27−AS1.csv' on 'Acute Lymphoblastic Leukemia'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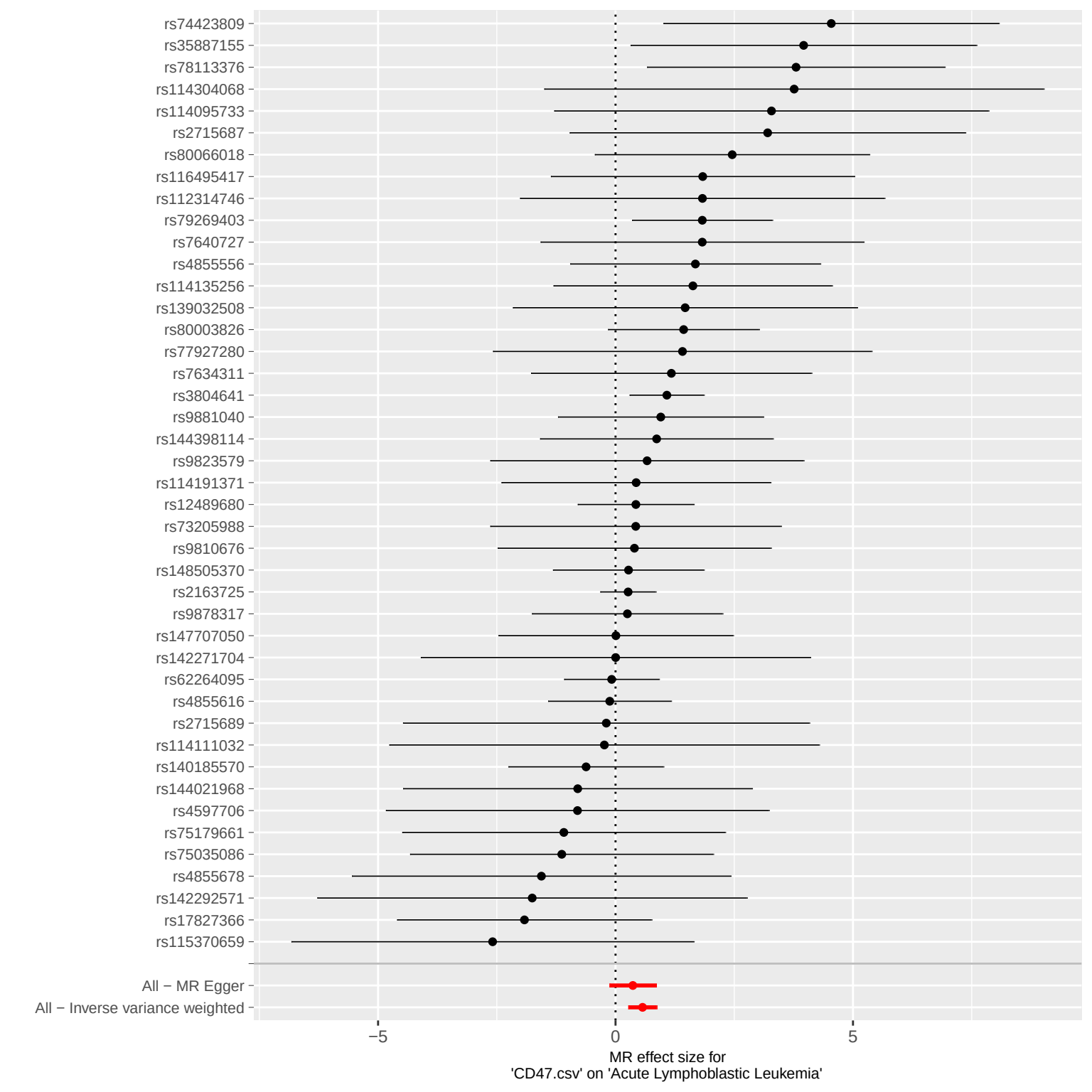
rs1885936
rs353628
rs10836345
rs10400232
rs3829280
rs76490475
rs79250895
rs117145986
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CD44.csv' on 'Acute Lymphoblastic Leukemia'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rs79269403
rs7640727
rs4855556
rs114135256
rs139032508
rs80003826
rs77927280
rs7634311
rs3804641
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rs9823579
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rs12489680
rs73205988
rs9810676
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rs2163725
rs9878317
rs147707050
rs142271704
rs62264095
rs4855616
rs2715689
rs114111032
rs140185570
rs144021968
rs4597706
rs75179661
rs75035086
rs4855678
rs142292571
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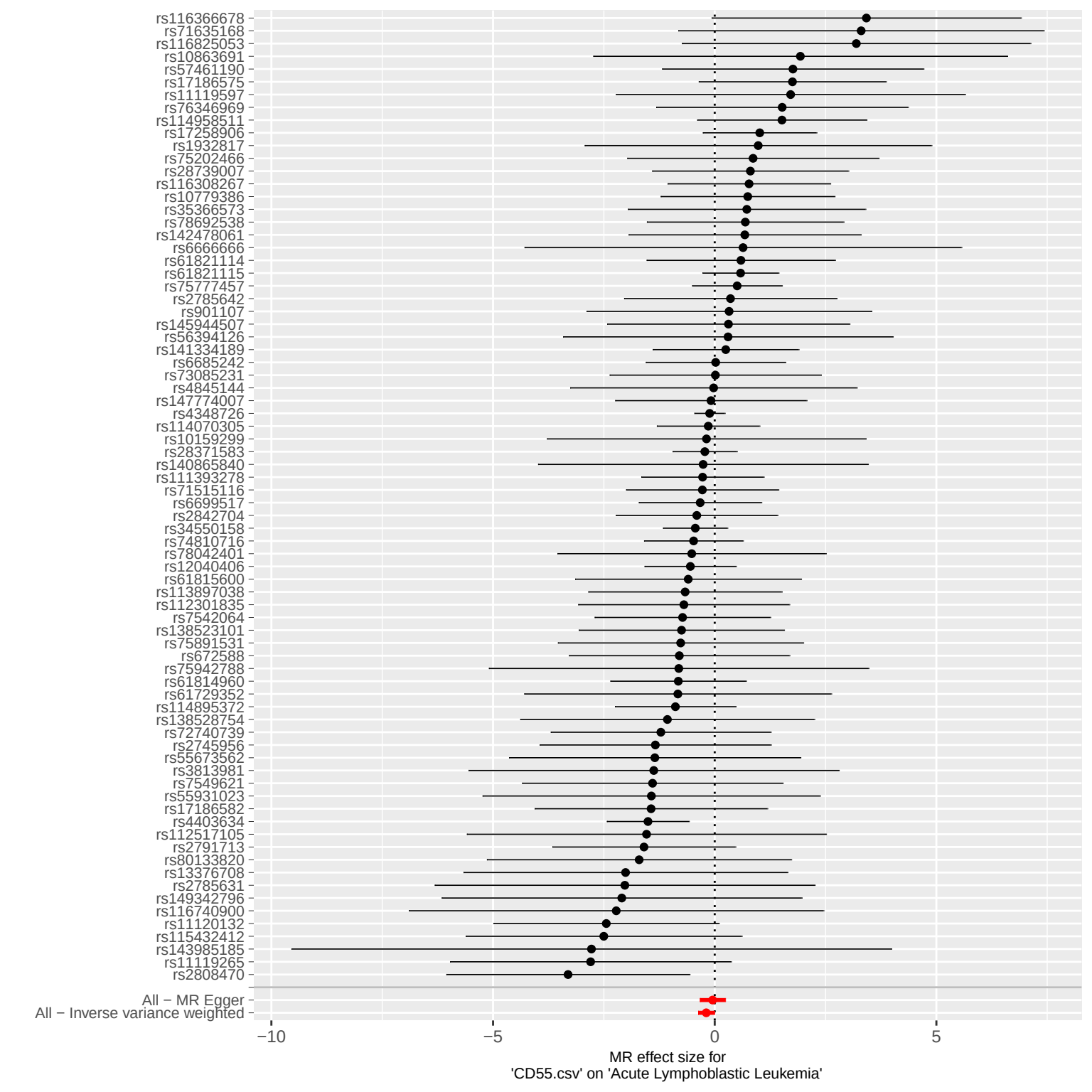
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CD47.csv' on 'Acute Lymphoblastic Leukemia'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rs28371583
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rs3813981
rs7549621
rs55931023
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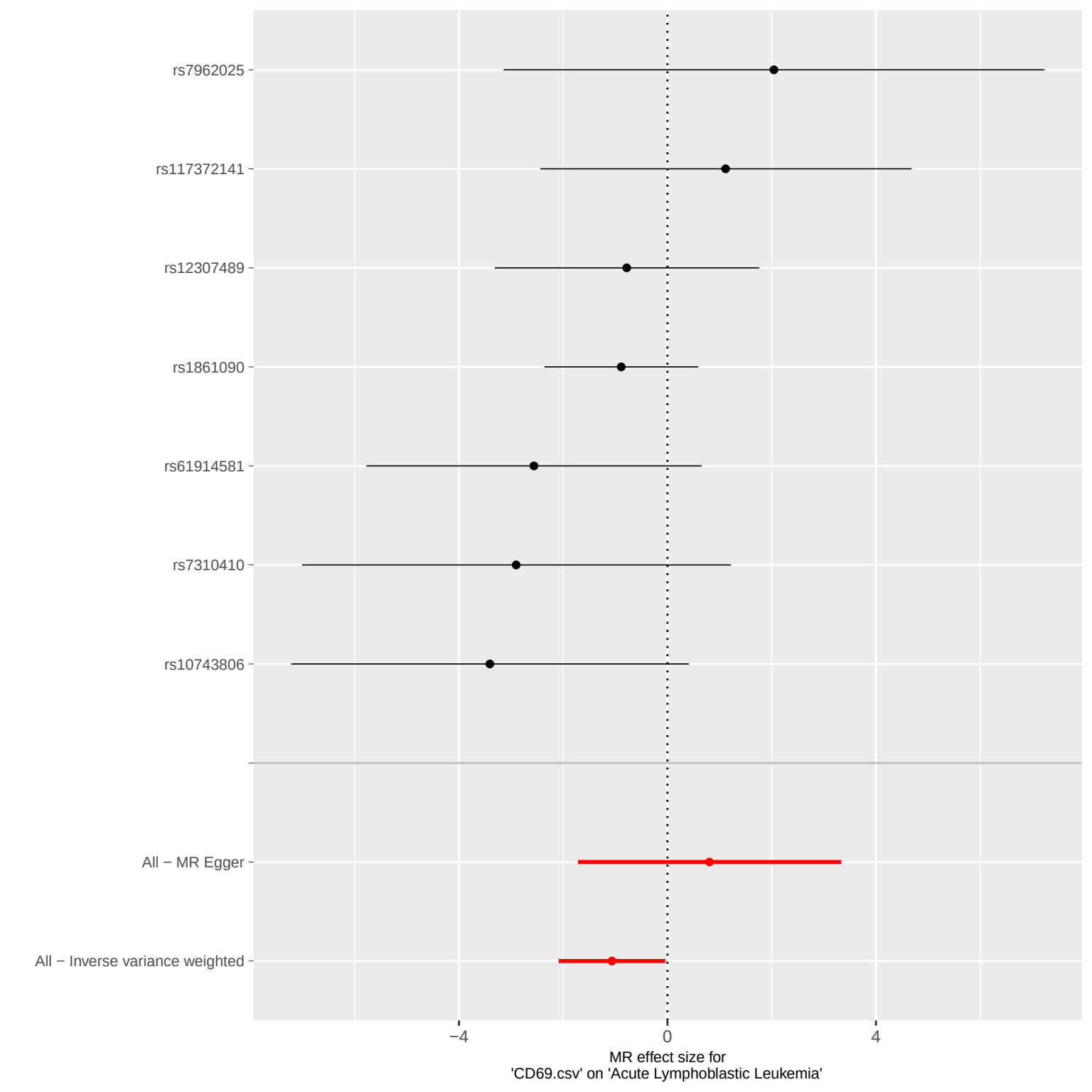
rs4403634
rs112517105
rs2791713
rs80133820
rs13376708
rs2785631
rs149342796
rs116740900
rs11120132
rs115432412
rs143985185
rs11119265
rs2808470
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CD55.csv' on 'Acute Lymphoblastic Leukemia'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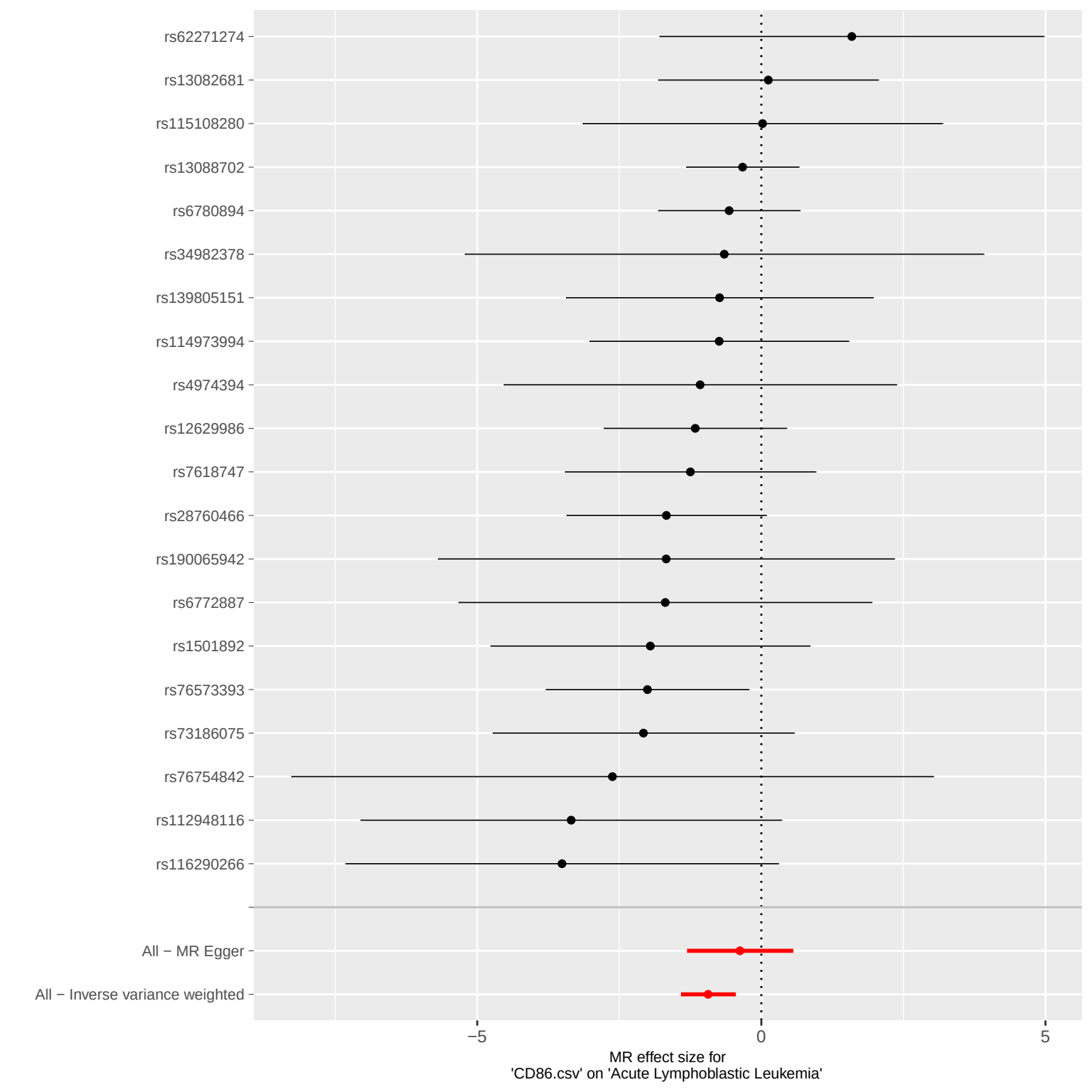
rs117372141
rs12307489
rs1861090
rs61914581
rs7310410
rs10743806
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CD69.csv' on 'Acute Lymphoblastic Leukemia'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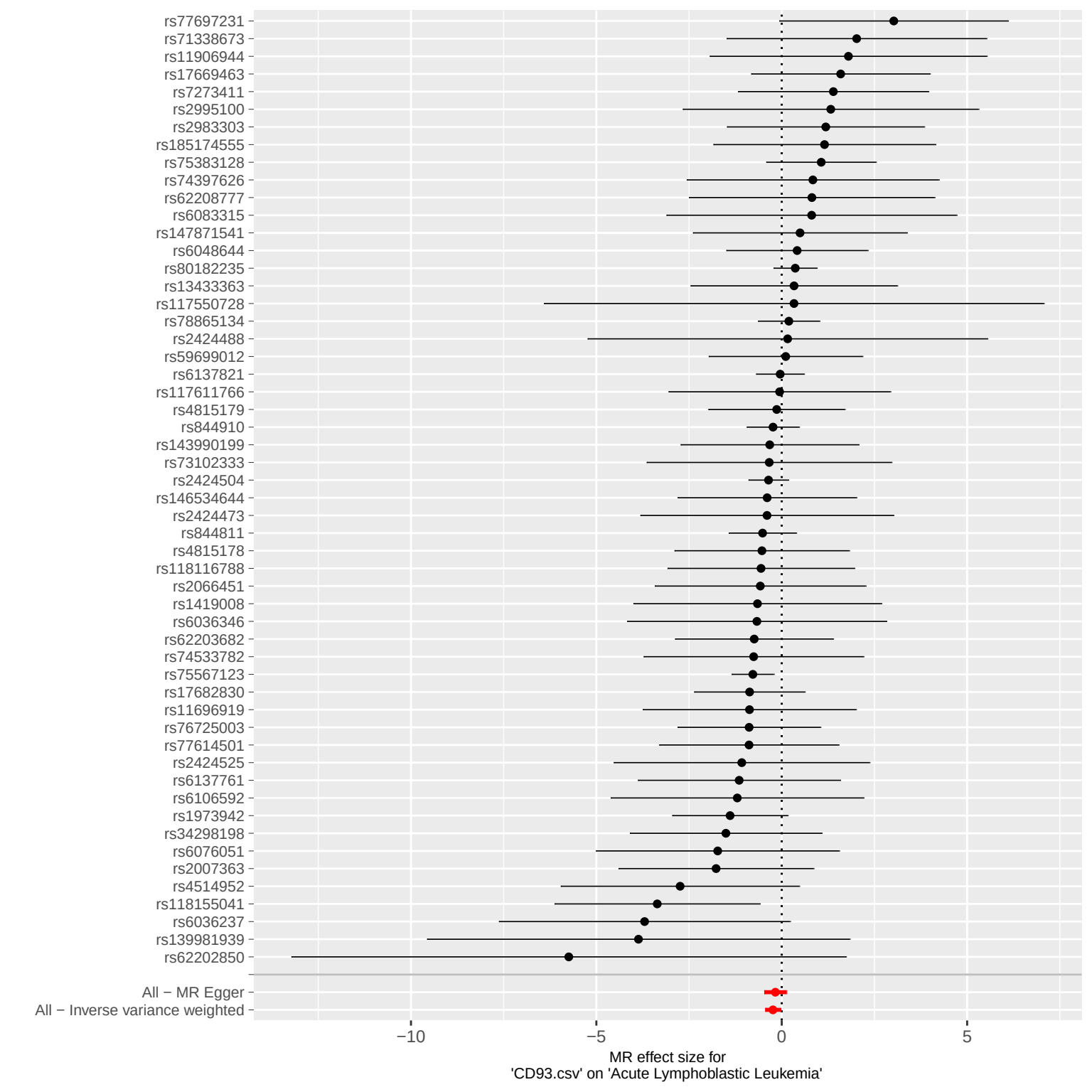
rs7618747
rs28760466
rs190065942
rs6772887
rs1501892
rs76573393
rs73186075
rs76754842
rs112948116
rs116290266
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CD86.csv' on 'Acute Lymphoblastic Leukemia'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rs844910
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rs73102333
rs2424504
rs146534644
rs2424473
rs844811
rs4815178
rs118116788
rs2066451
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rs6036346
rs62203682
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rs77614501
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All − Inverse variance weighted
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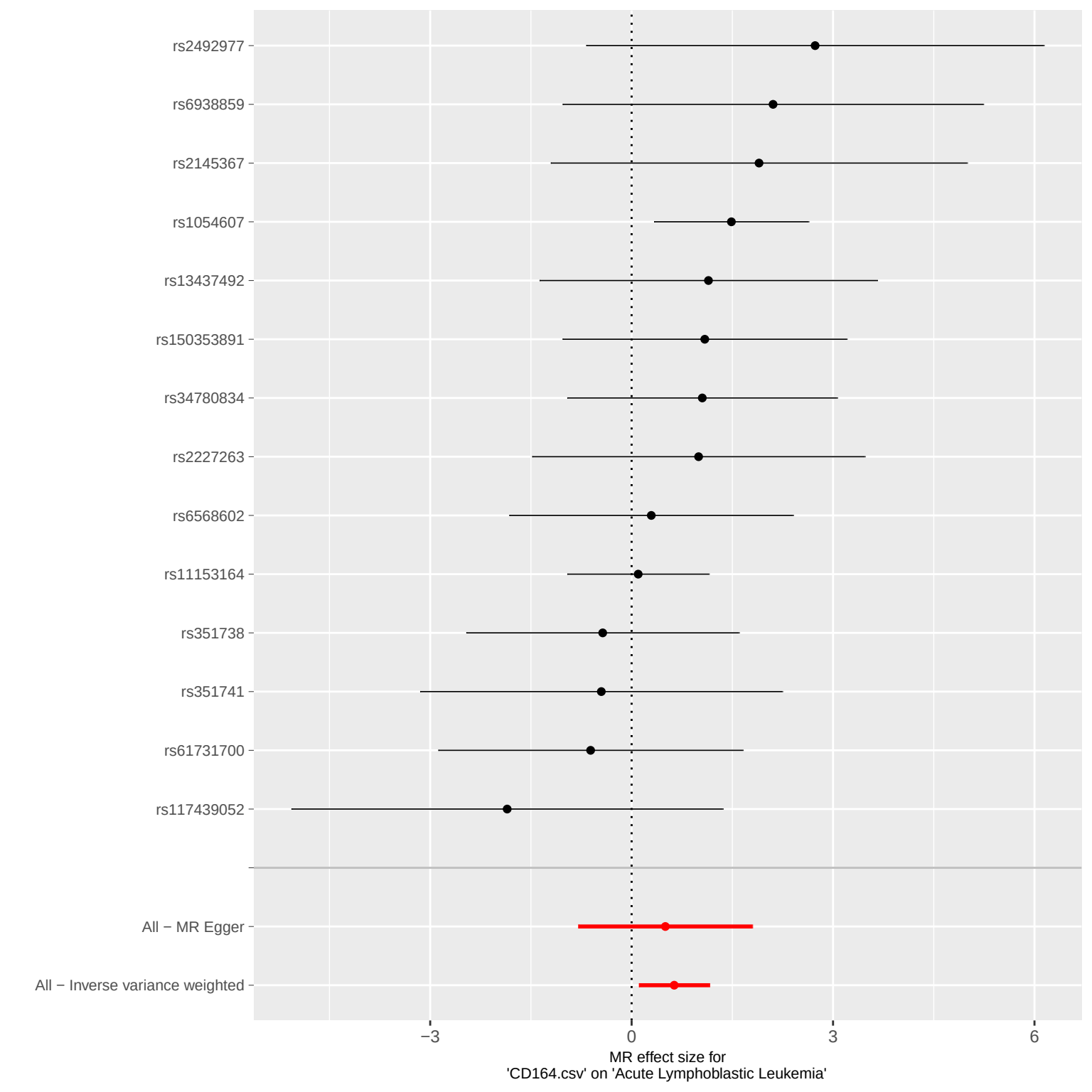
MR effect size for
'CD93.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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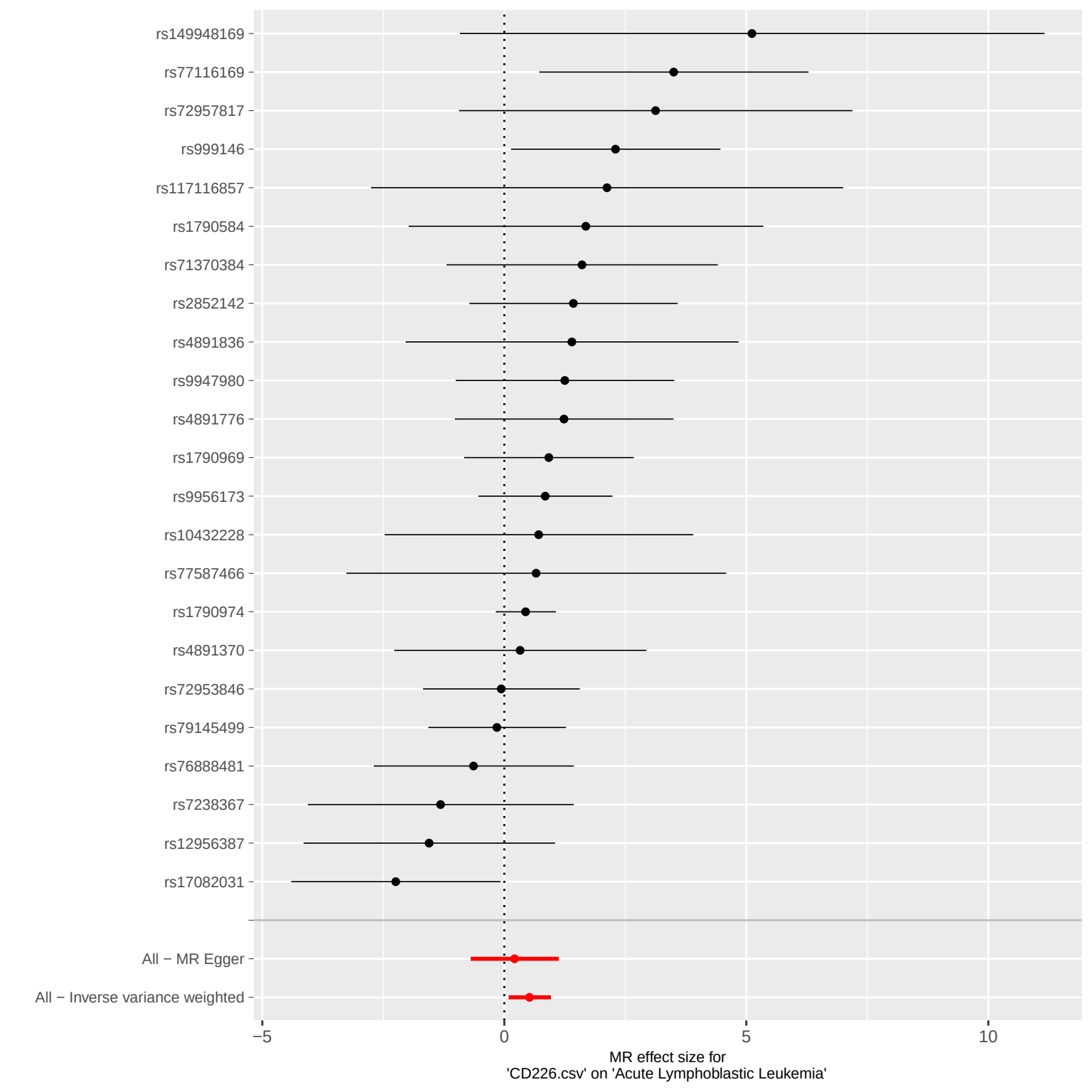
MR effect size for
'CD164.csv' on 'Acute Lymphoblastic Leukemia'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rs1790974
rs4891370
rs72953846
rs79145499
rs76888481
rs7238367
rs12956387
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All − Inverse variance weighted
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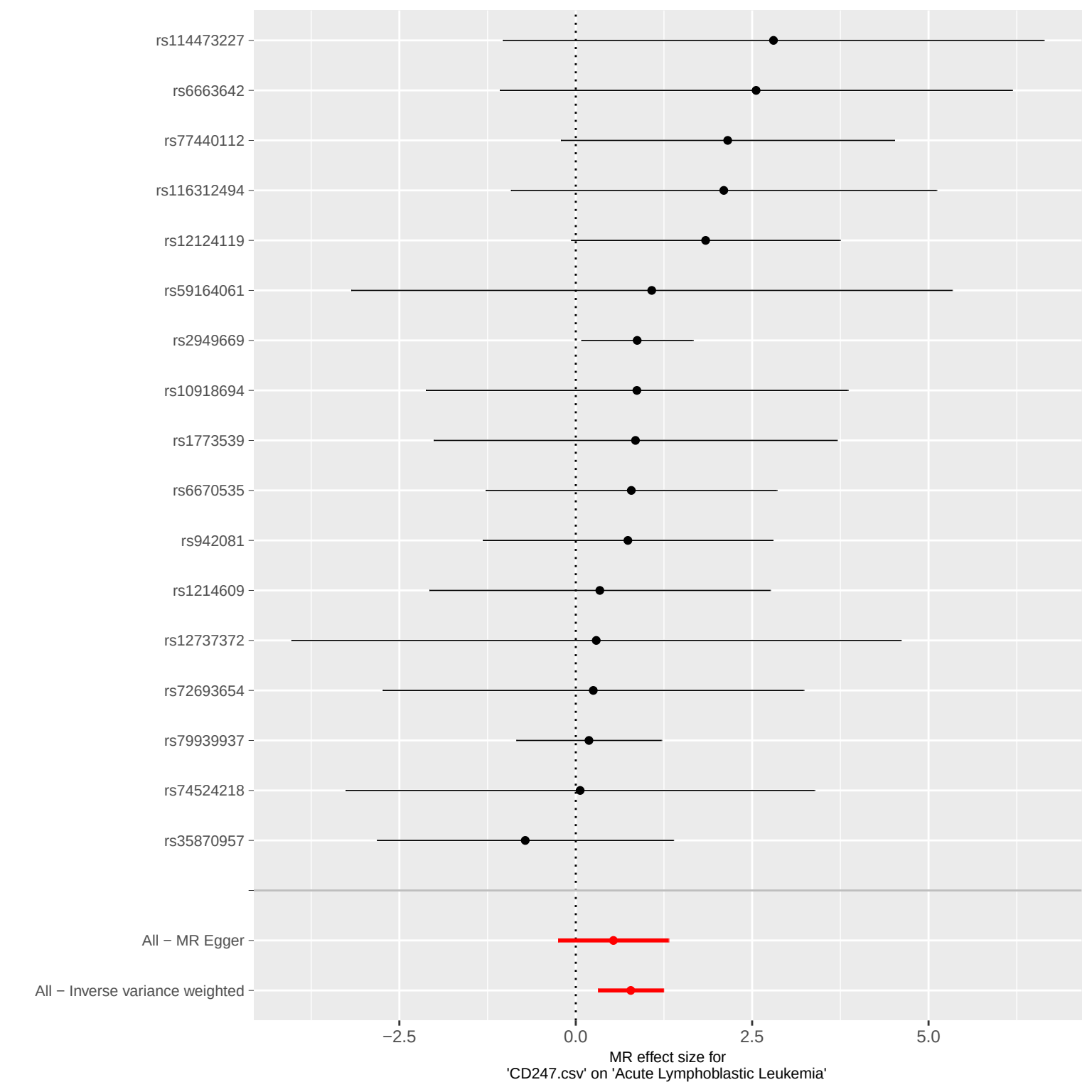
MR effect size for
'CD226.csv' on 'Acute Lymphoblastic Leukemia'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rs72693654
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All − MR Egger
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5.0
MR effect size for
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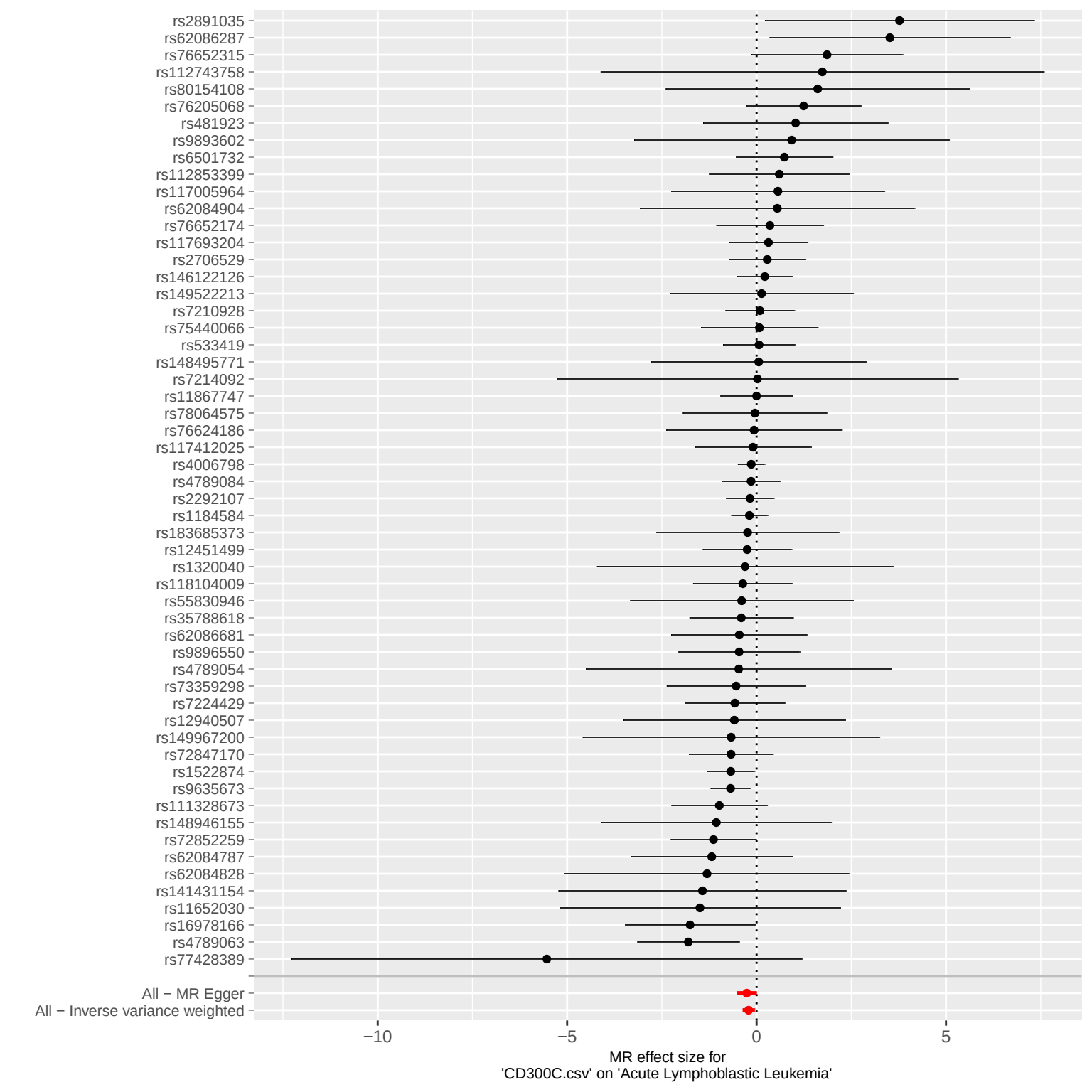
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rs16978166
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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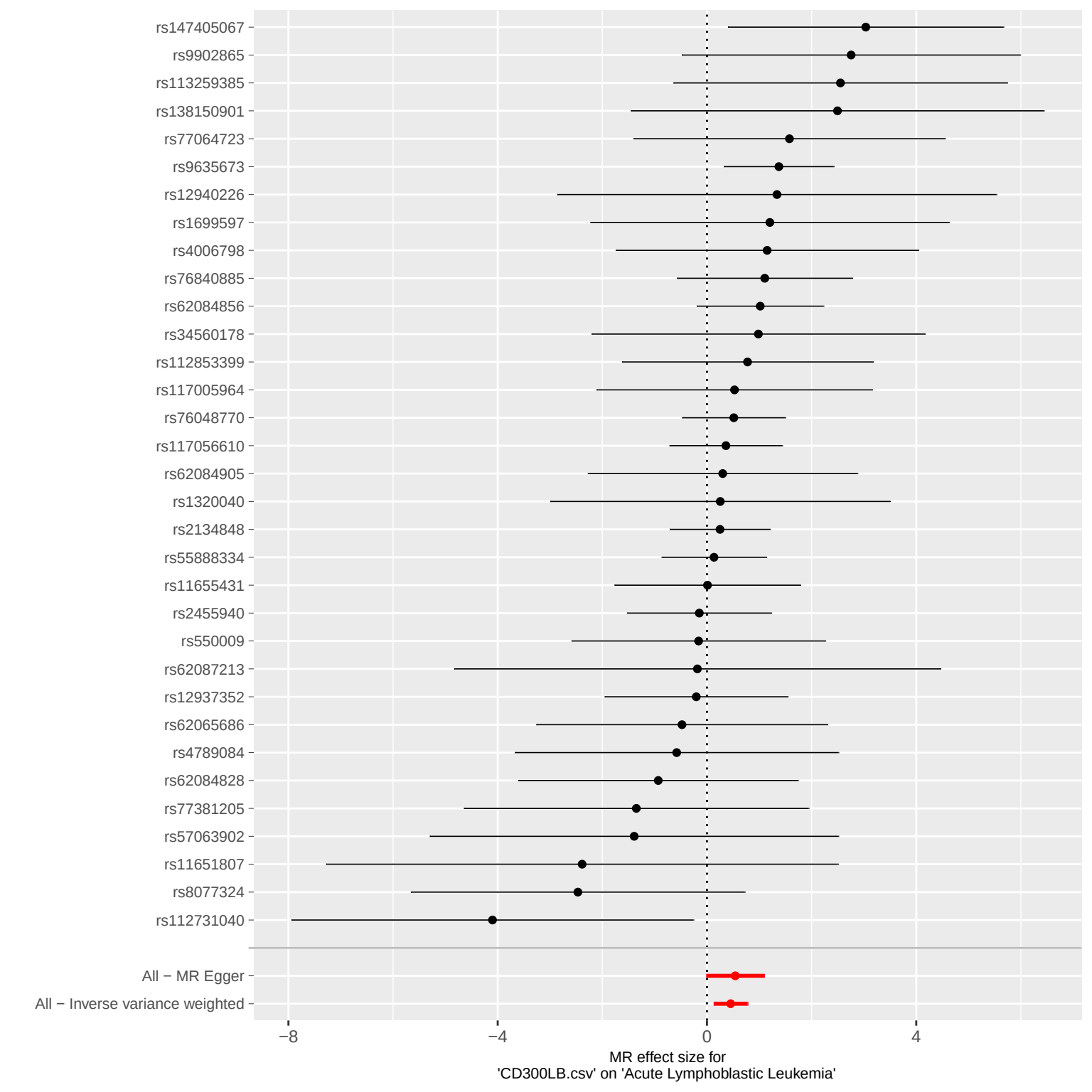
MR effect size for
'CD300C.csv' on 'Acute Lymphoblastic Leukemia'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rs62087213
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rs8077324
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All − MR Egger
All − Inverse variance weighted
−8
−4
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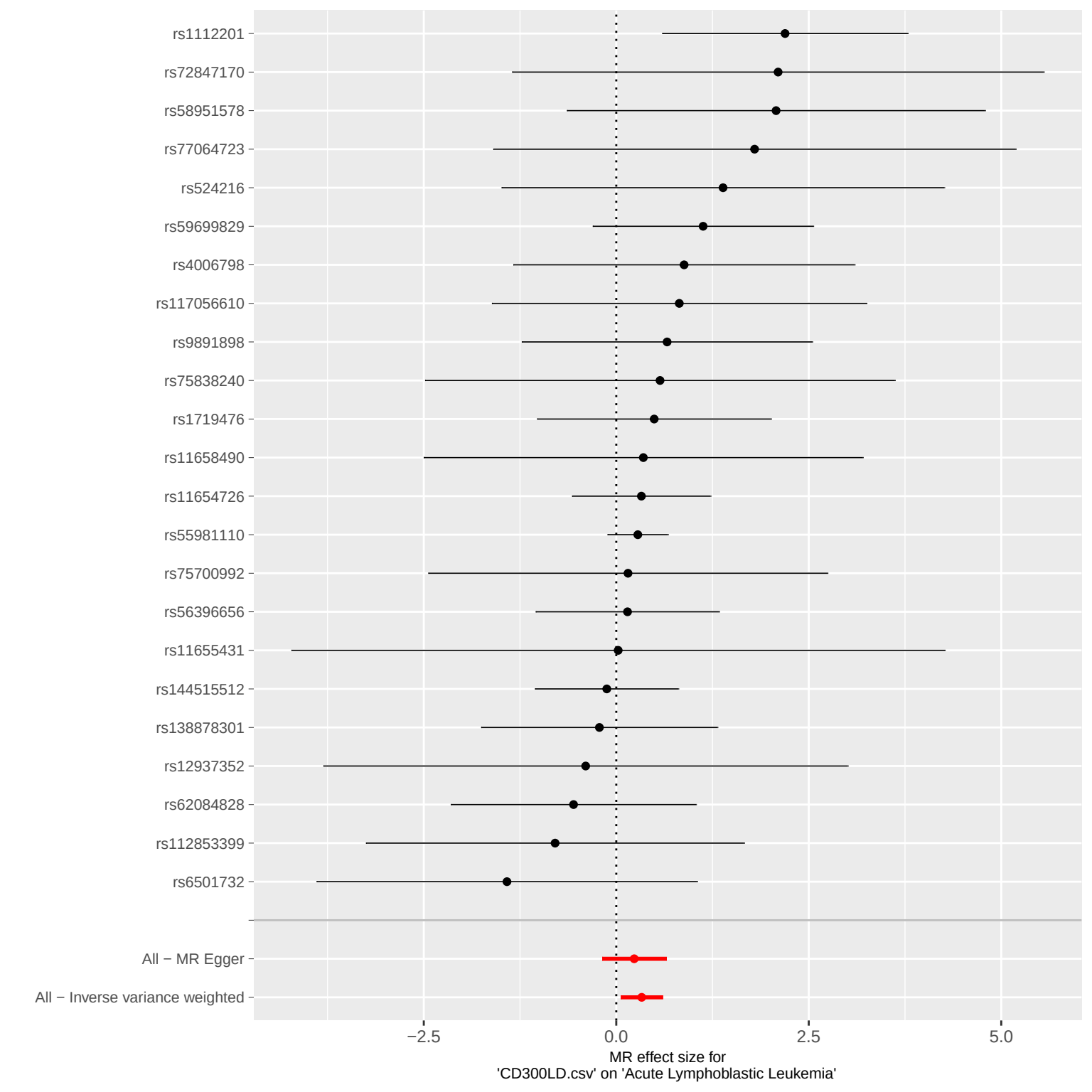
MR effect size for
'CD300LB.csv' on 'Acute Lymphoblastic Leukemia'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rs62084828
rs112853399
rs6501732
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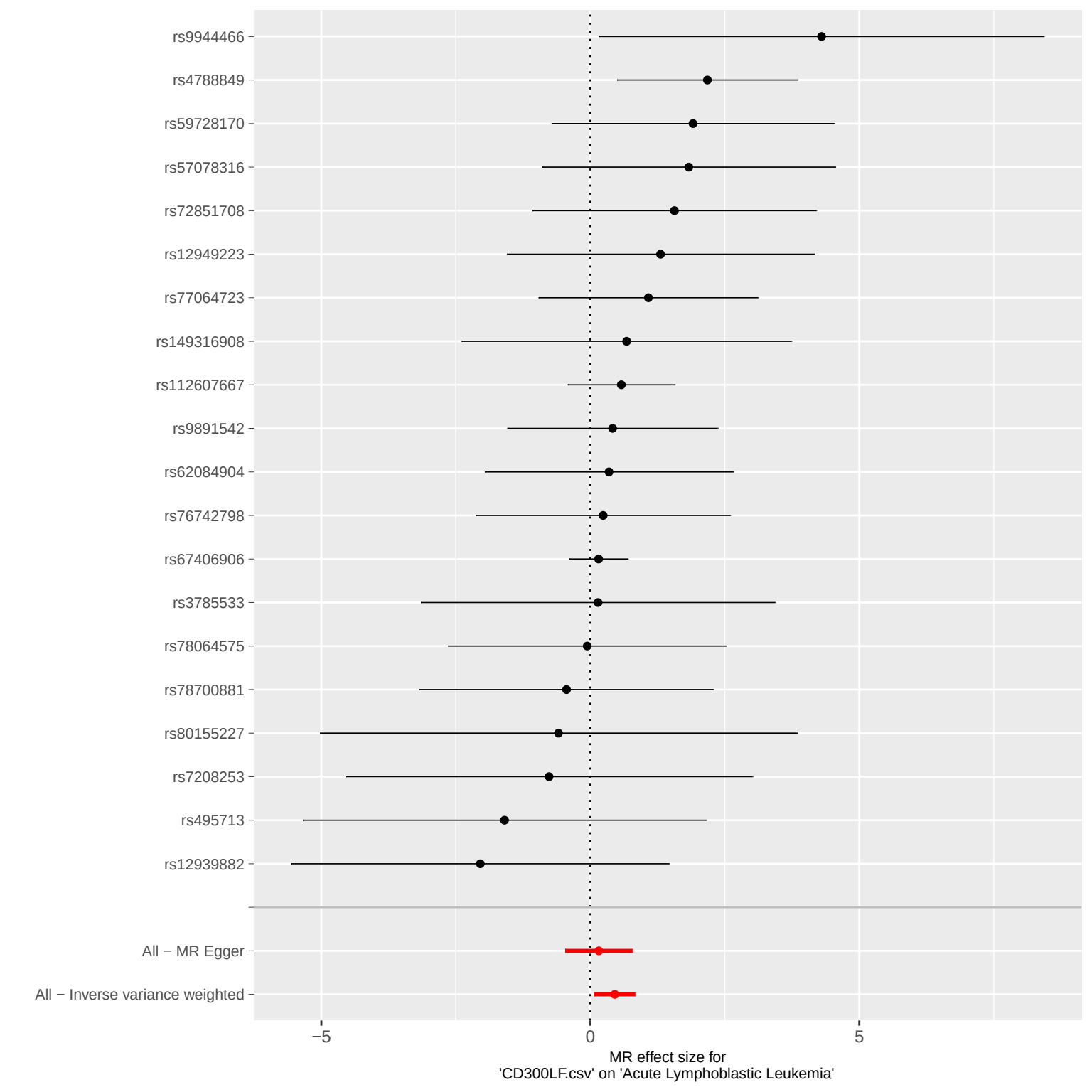
0.0
2.5
5.0
MR effect size for
'CD300LD.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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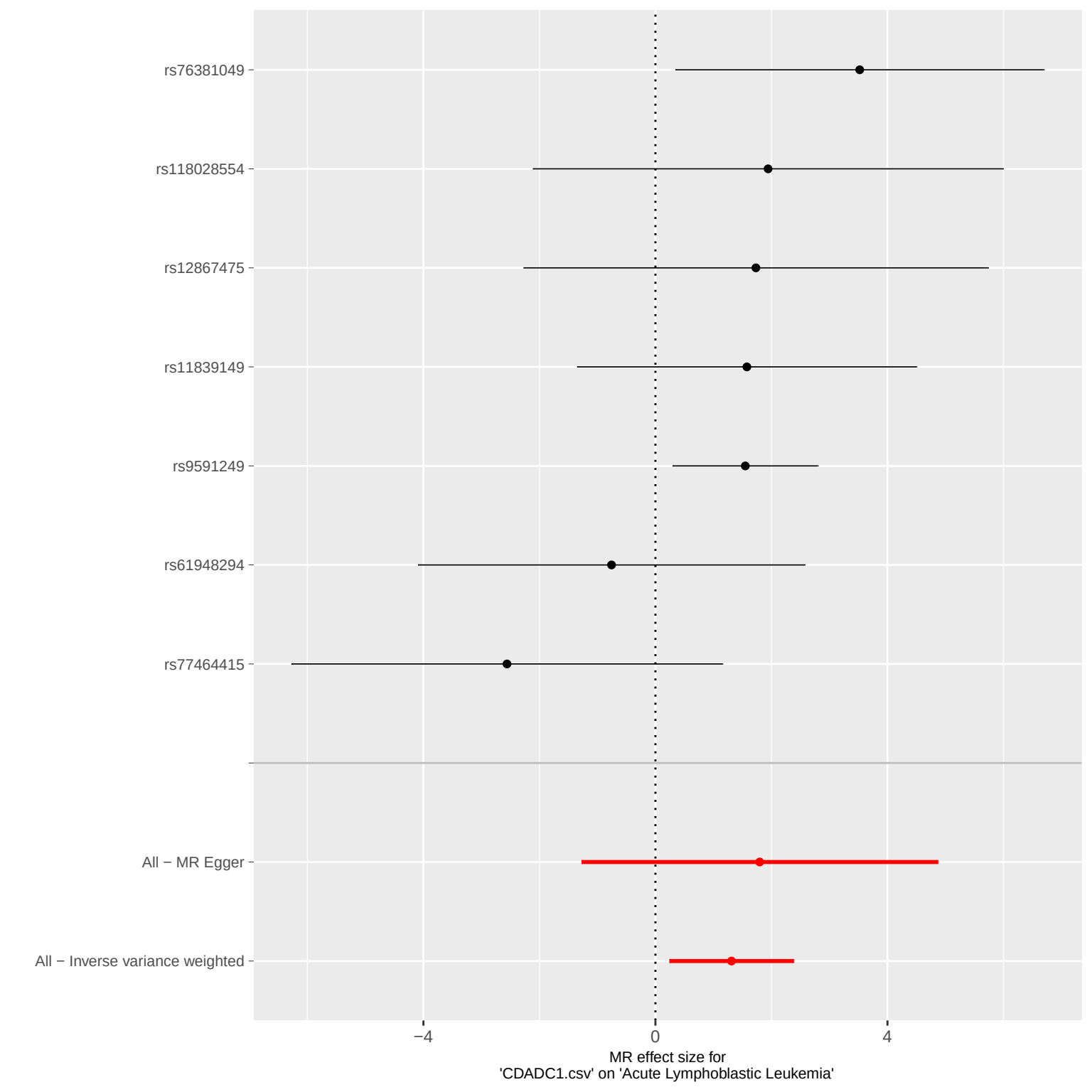
MR effect size for
'CD300LF.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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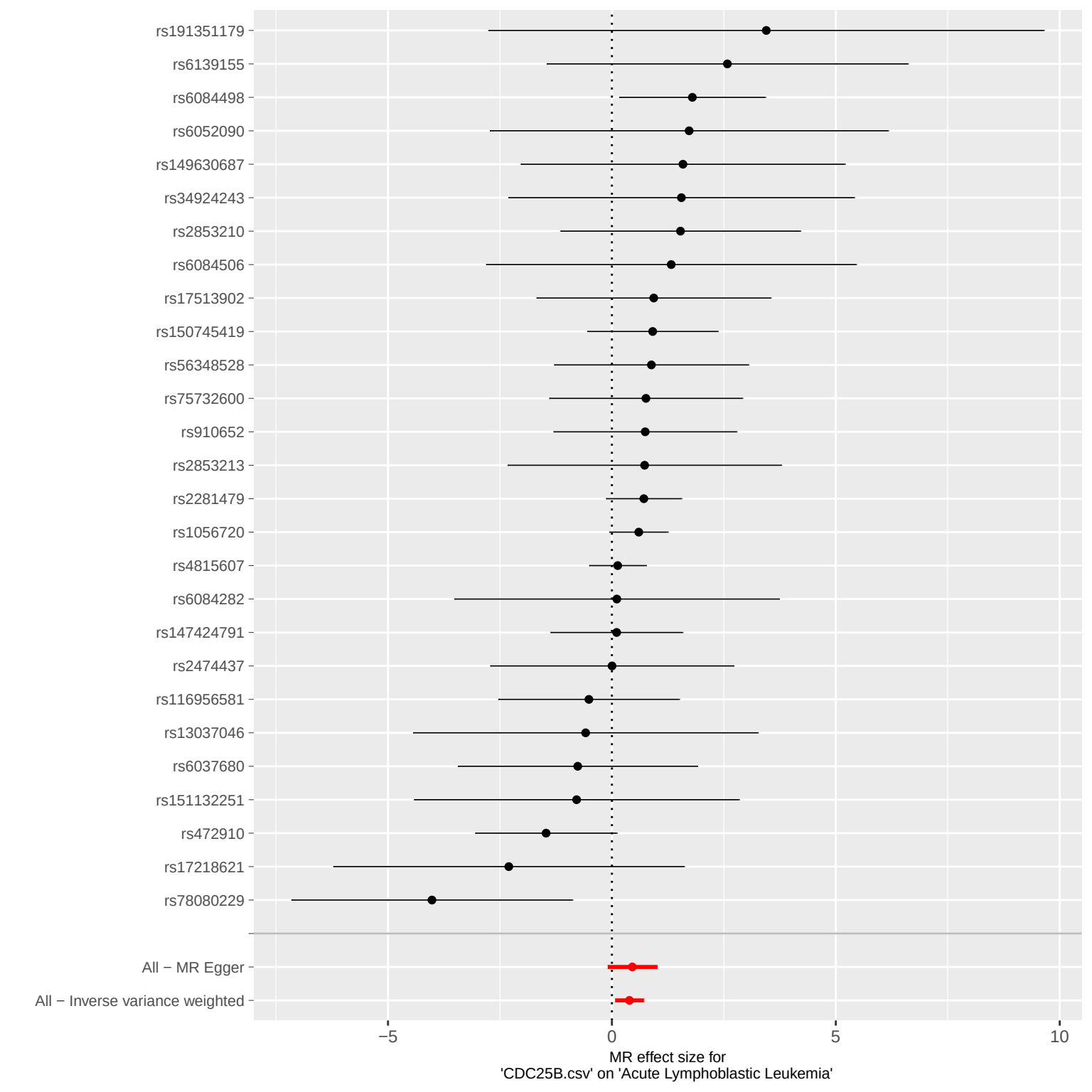
MR effect size for
'CDADC1.csv' on 'Acute Lymphoblastic Leukemia'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rs6084282
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All − MR Egger
All − Inverse variance weighted
−5
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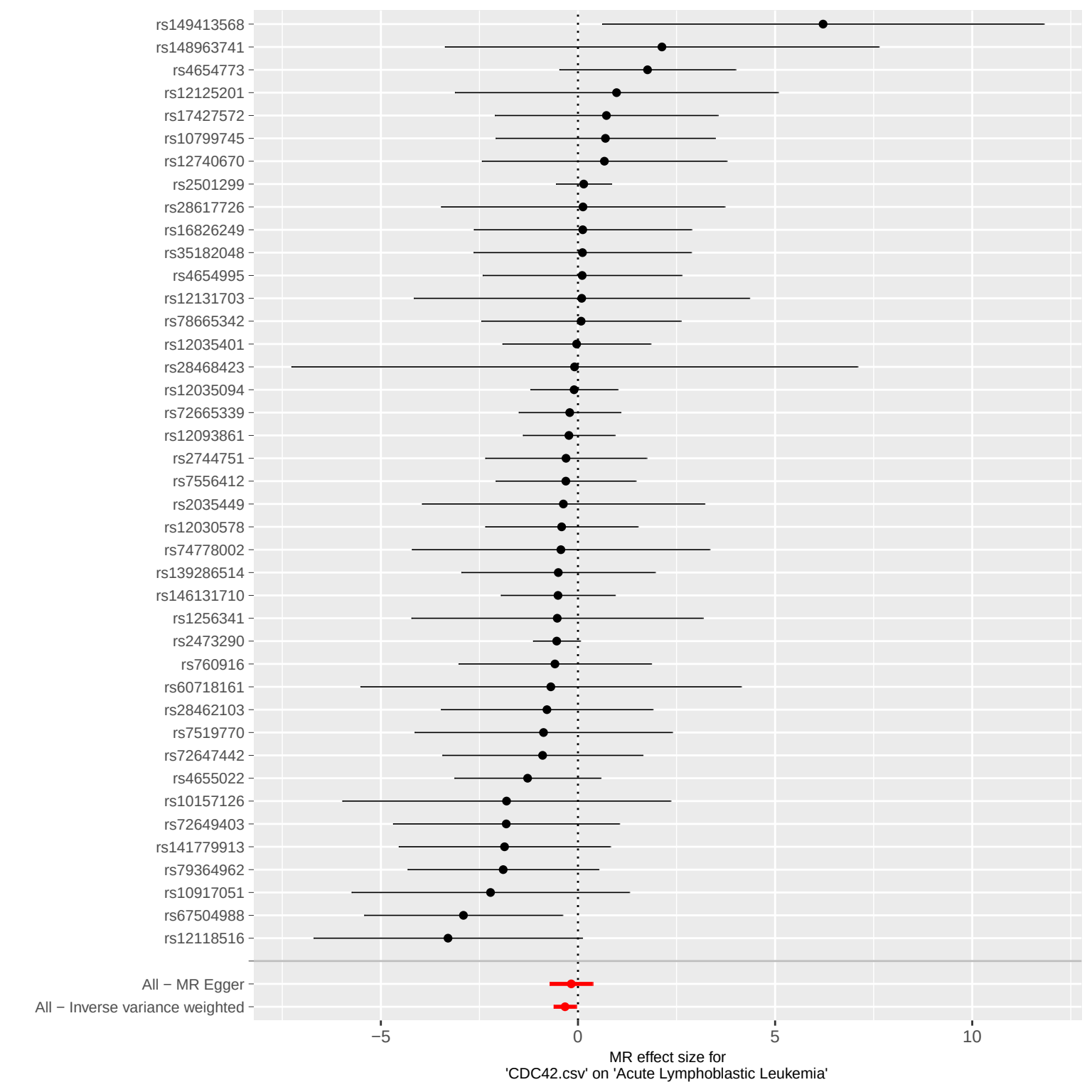
10
MR effect size for
'CDC25B.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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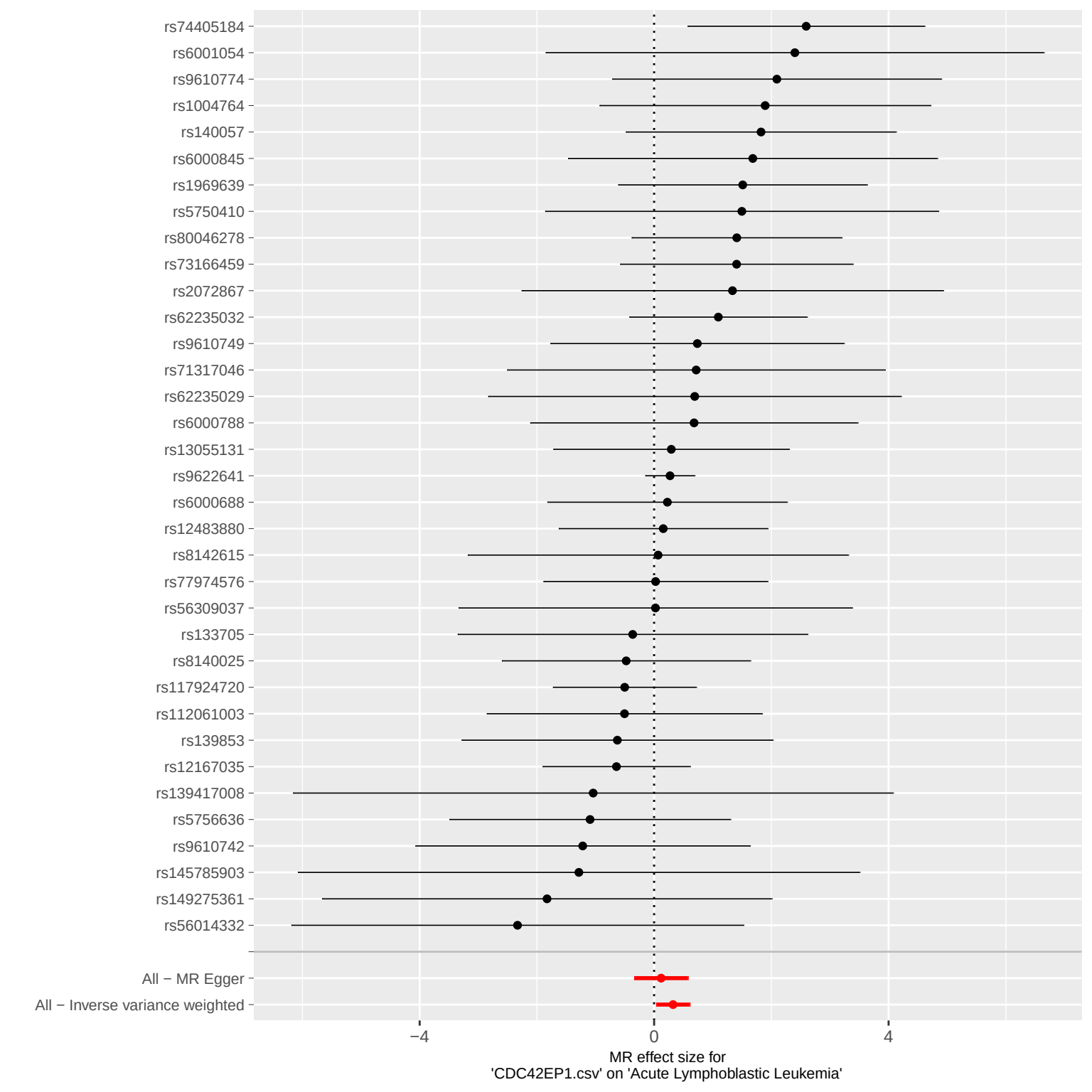
MR effect size for
'CDC42.csv' on 'Acute Lymphoblastic Leukemia'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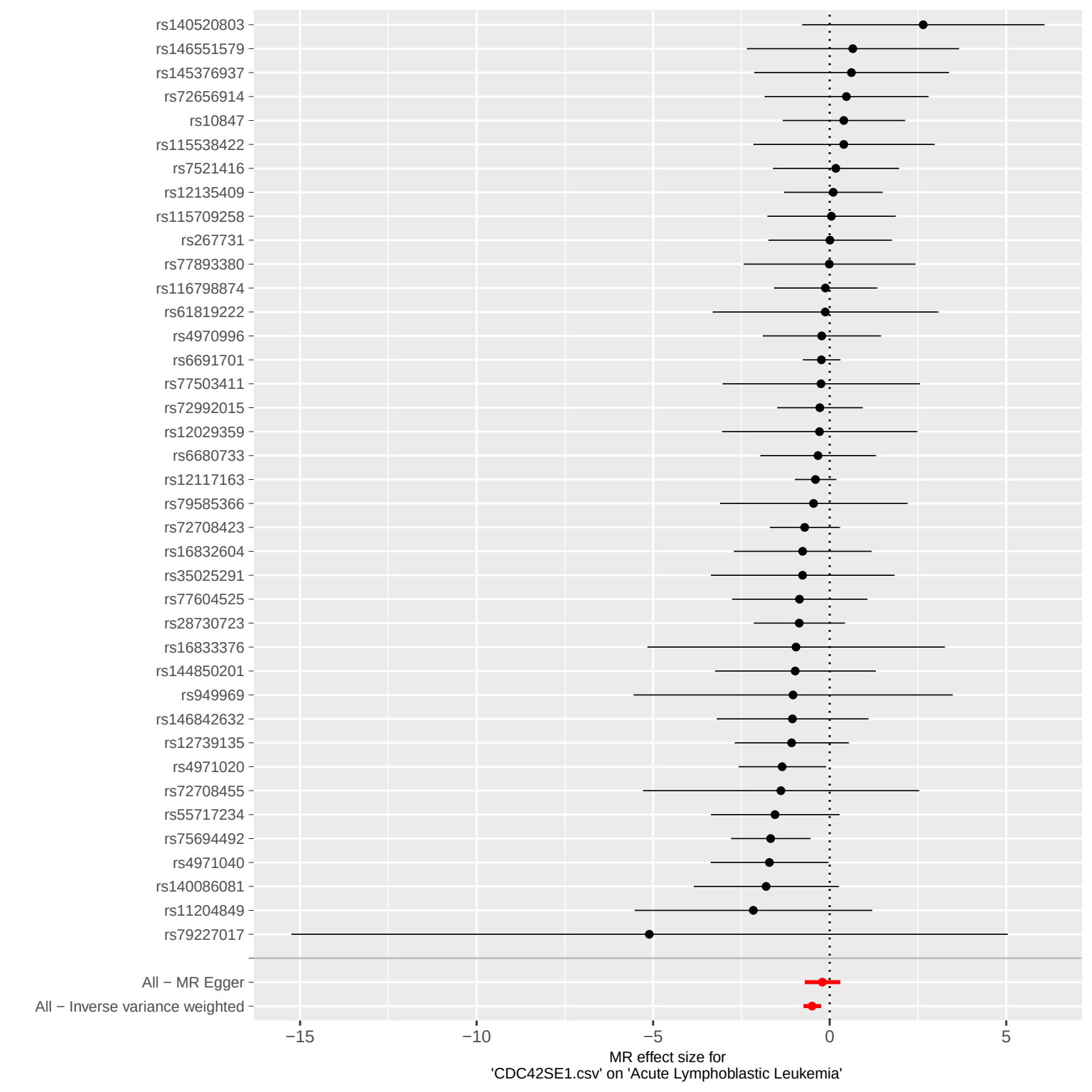
MR effect size for
'CDC42EP1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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−5
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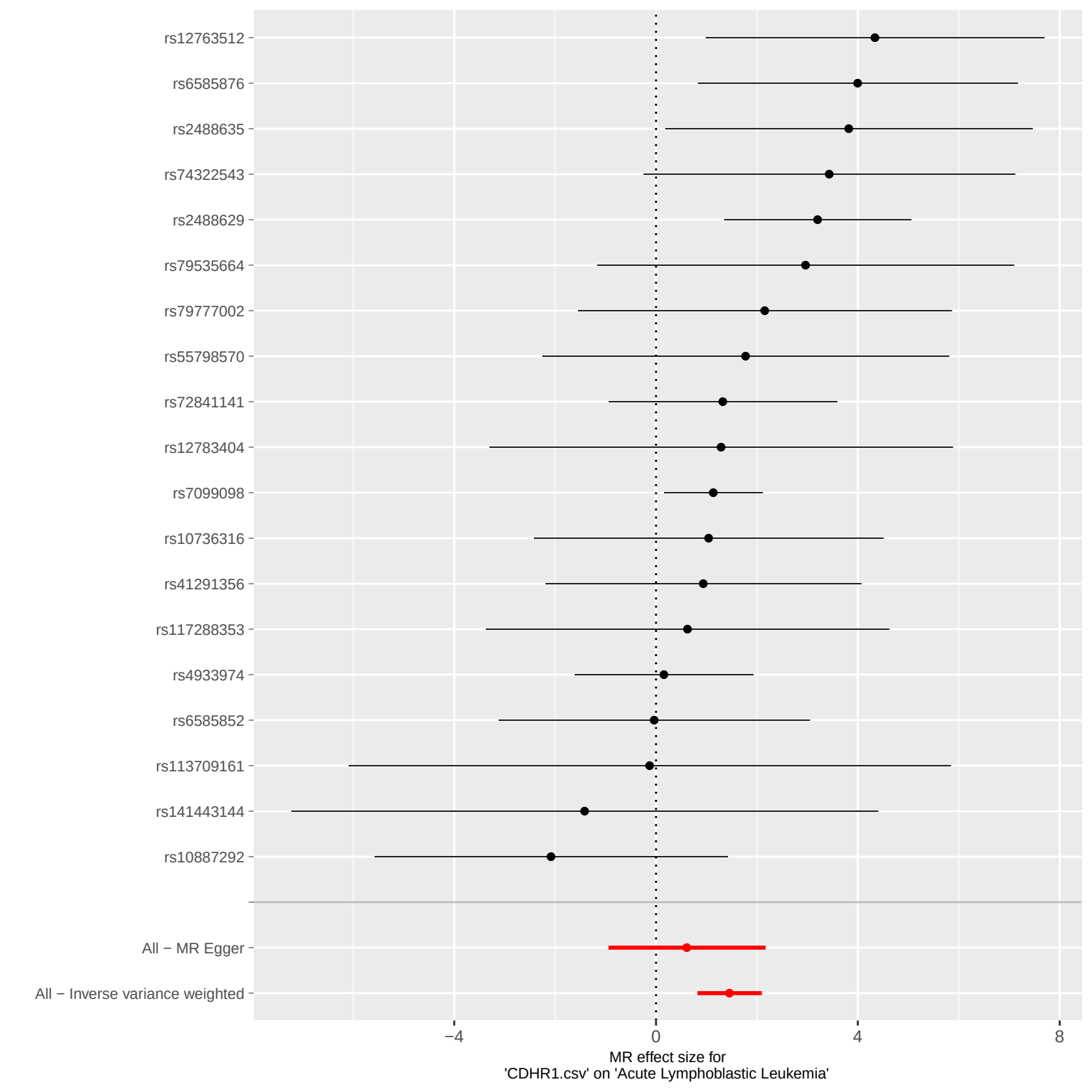
MR effect size for
'CDC42SE1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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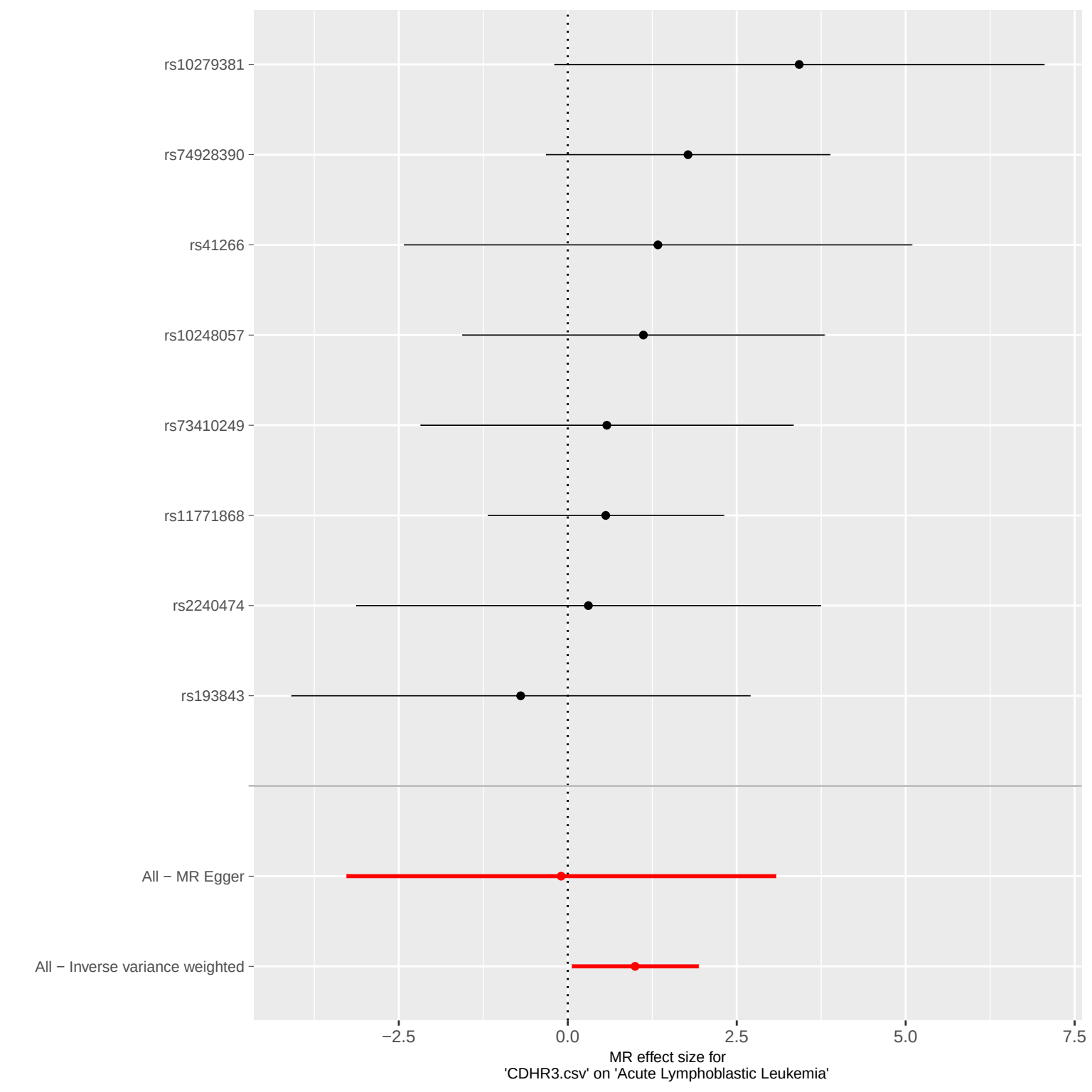
MR effect size for
'CDHR1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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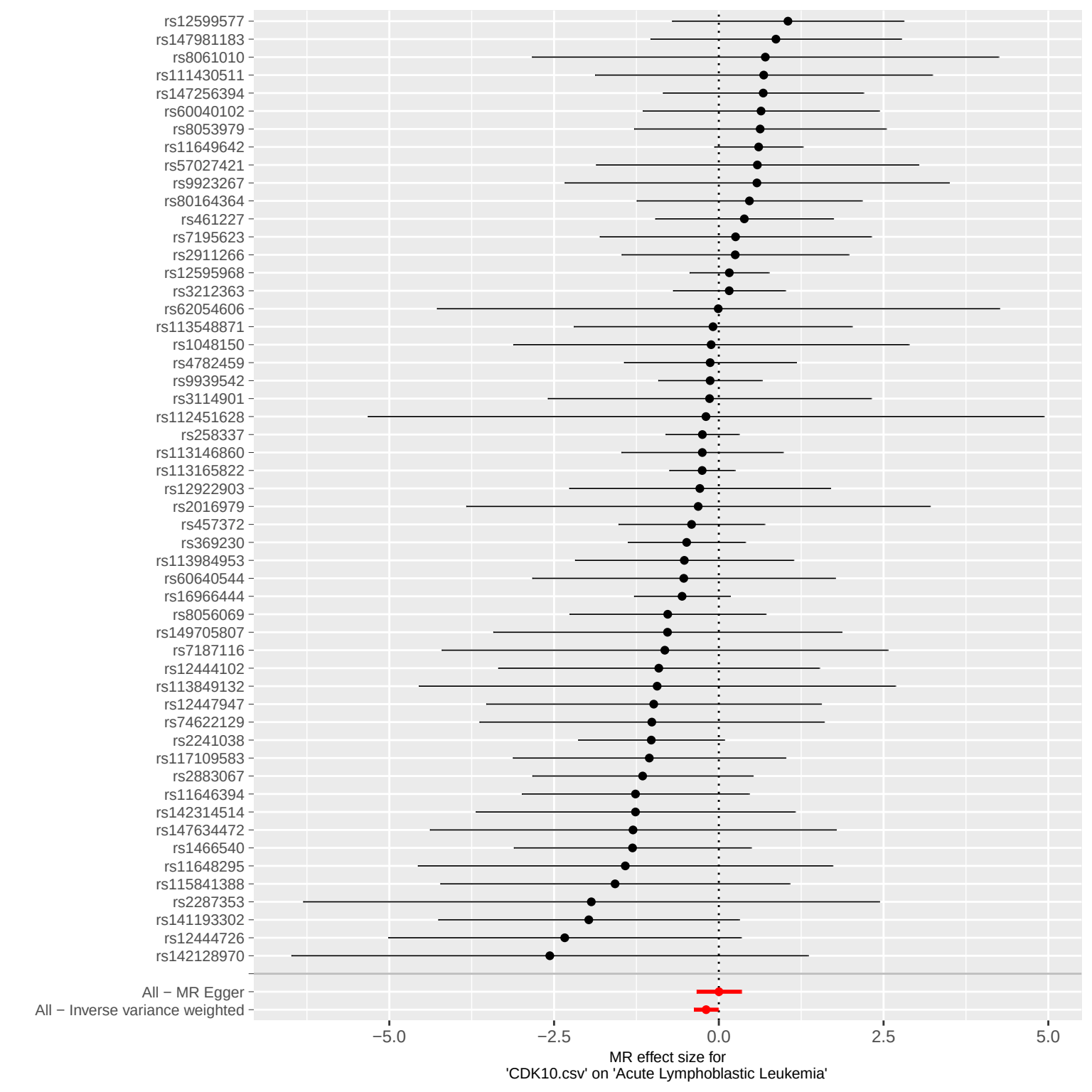
2.5
5.0
7.5
MR effect size for
'CDHR3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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2.5
5.0
MR effect size for
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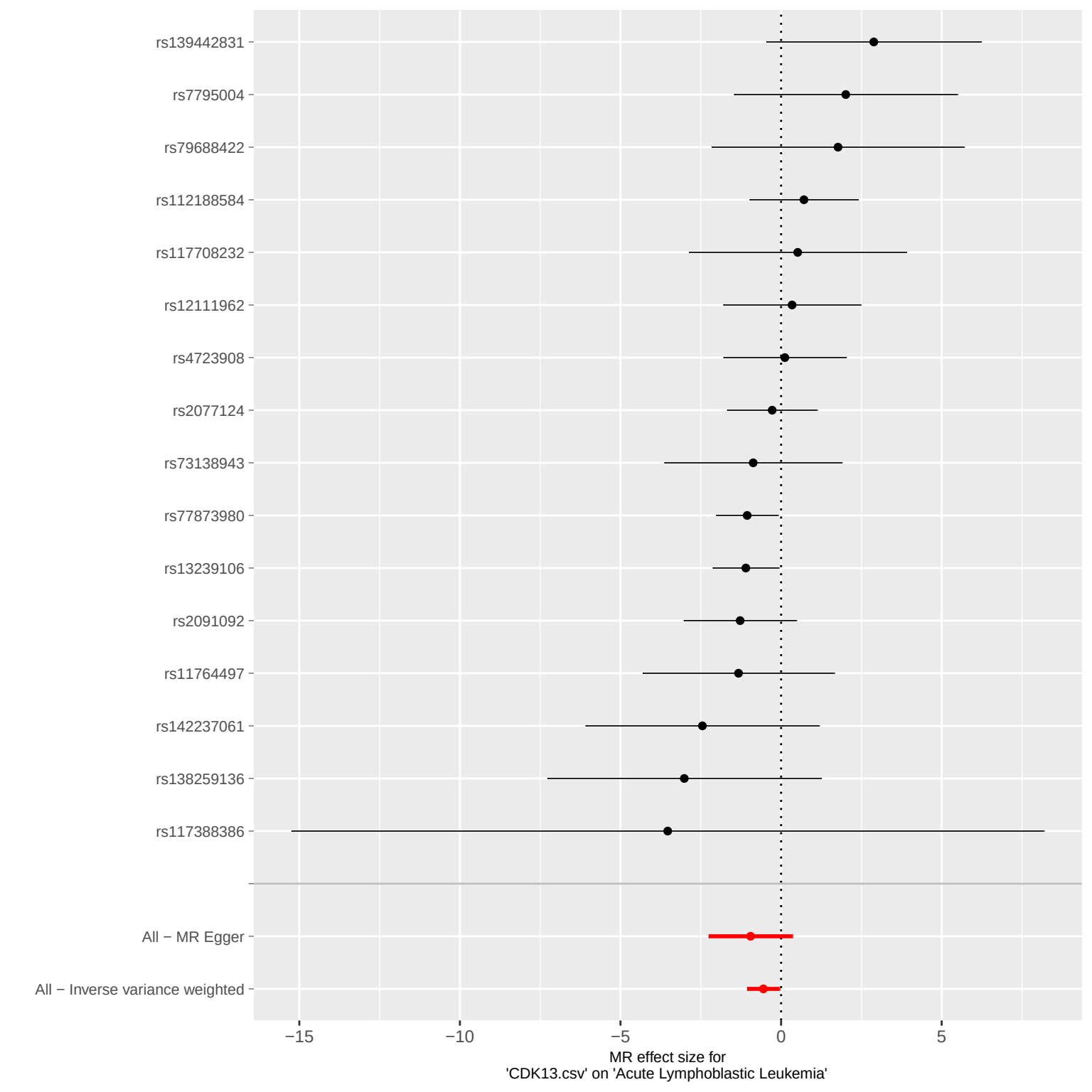
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−15
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−5
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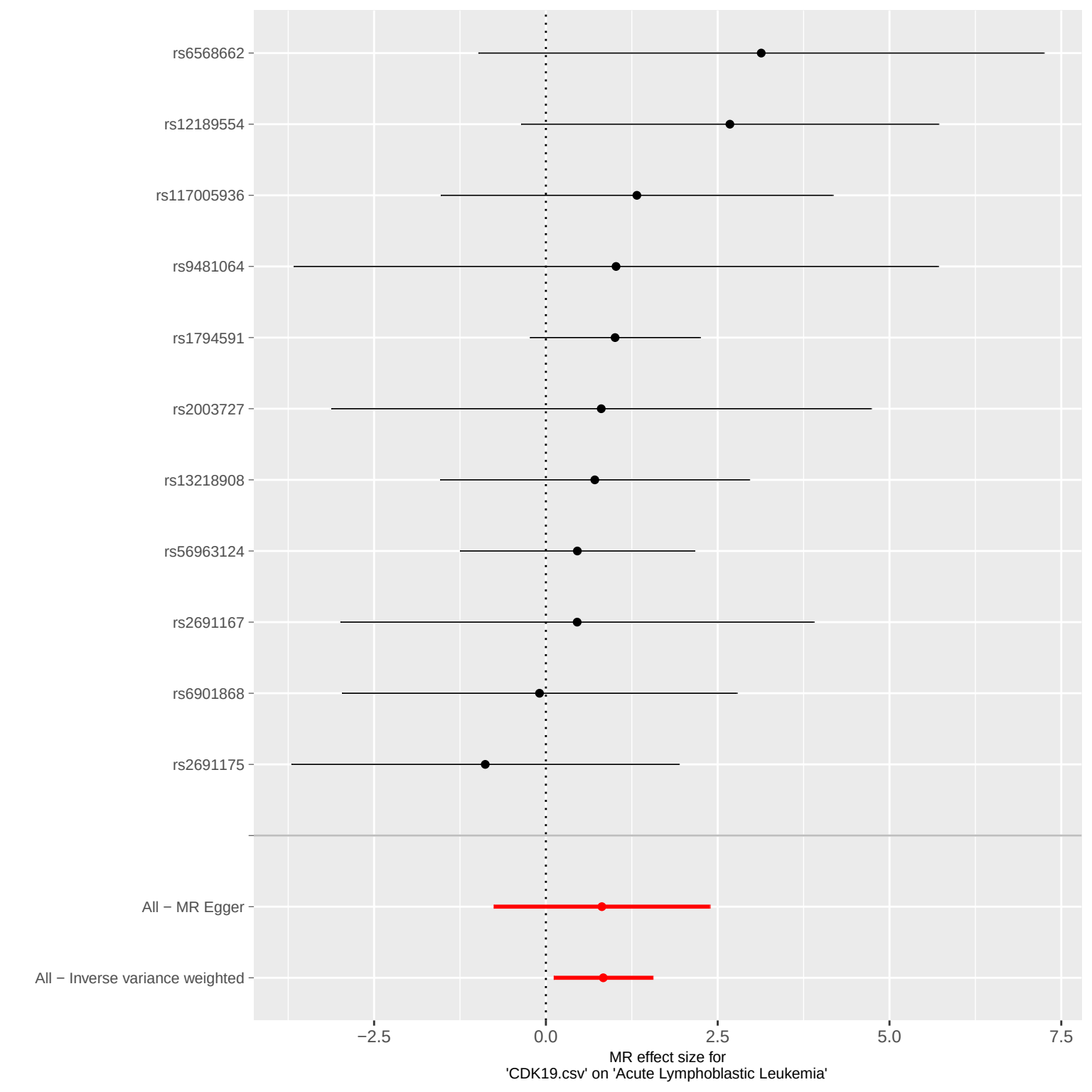
MR effect size for
'CDK13.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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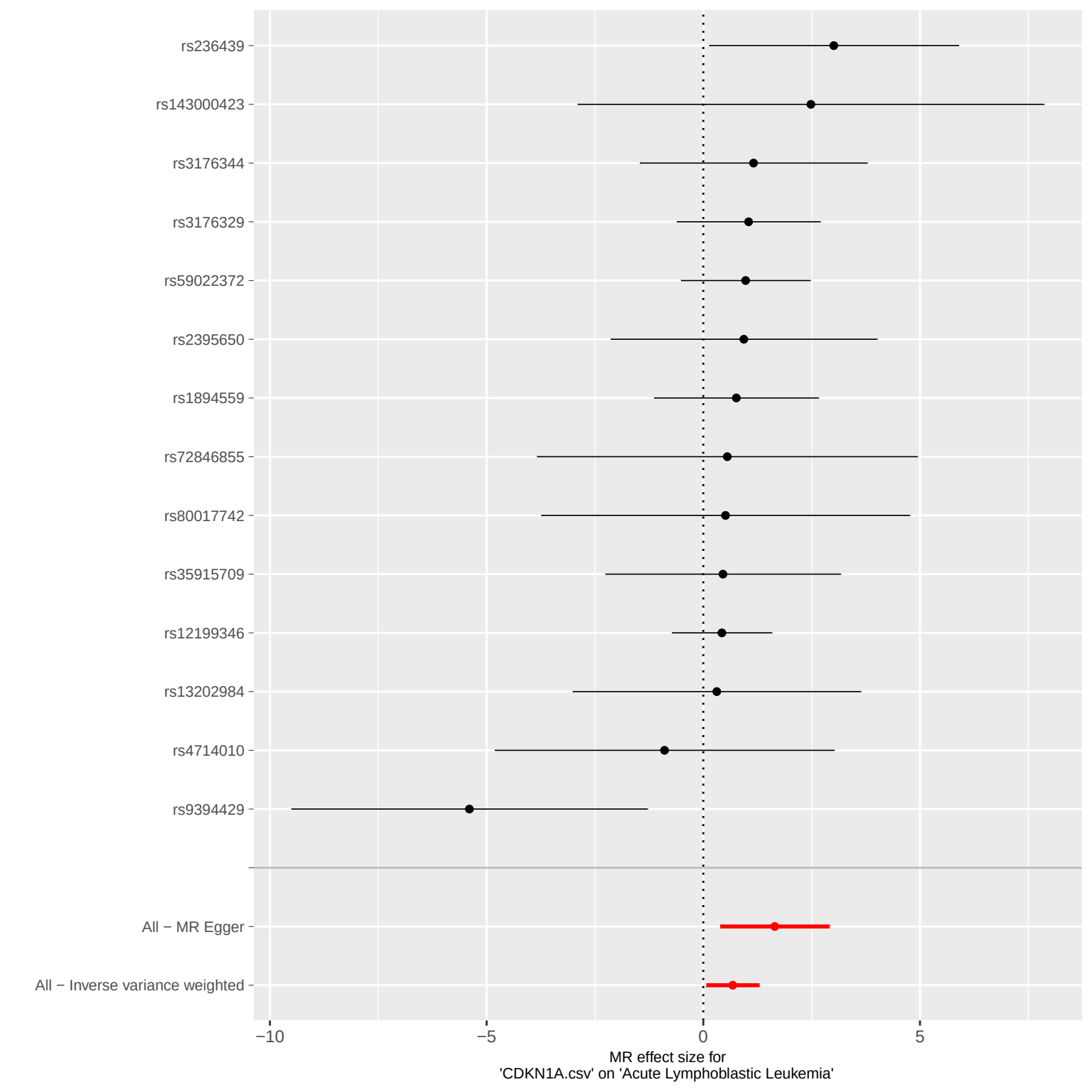
2.5
5.0
7.5
MR effect size for
'CDK19.csv' on 'Acute Lymphoblastic Leukemia'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rs4714010
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All − MR Egger
All − Inverse variance weighted
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−5
0
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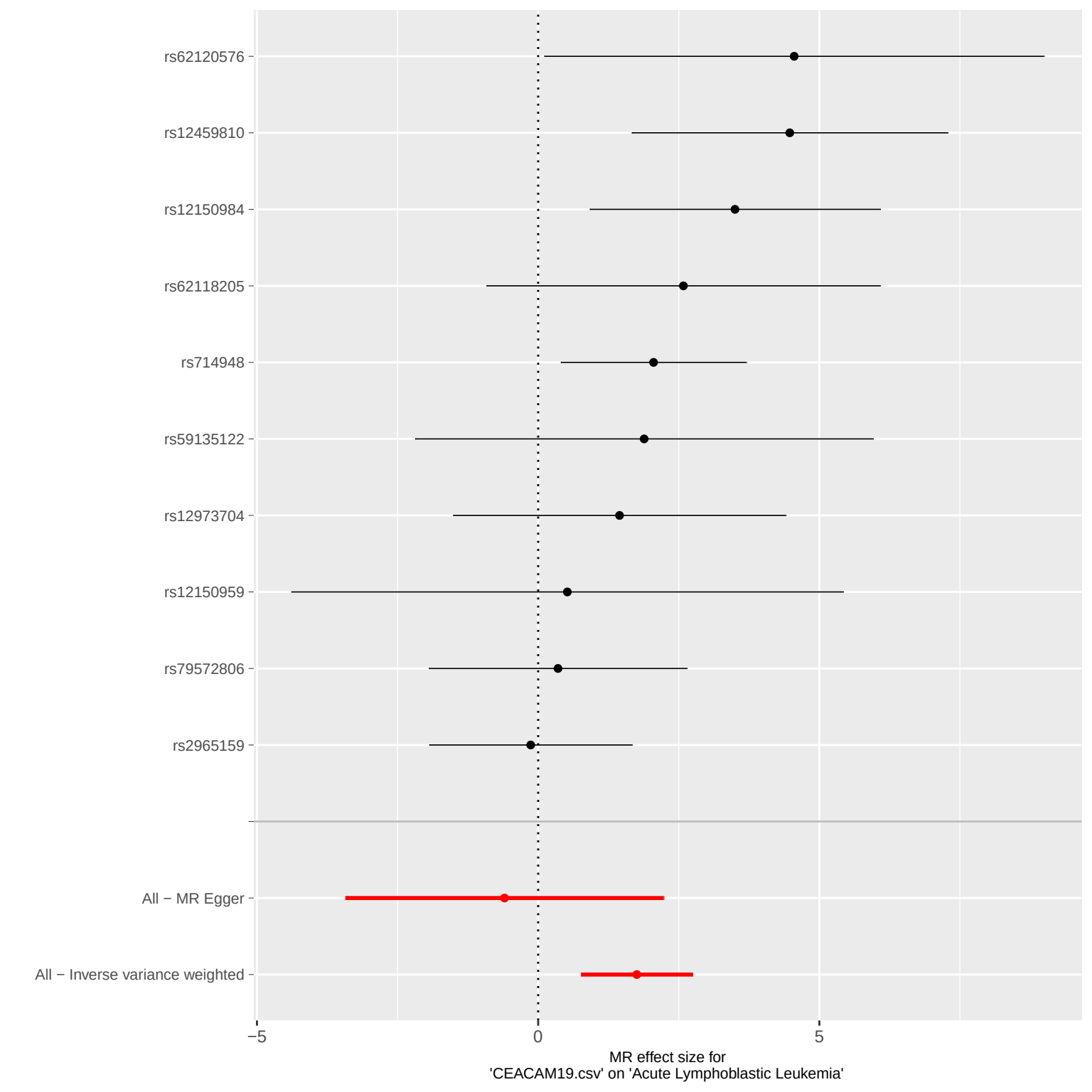
MR effect size for
'CDKN1A.csv' on 'Acute Lymphoblastic Leukemia'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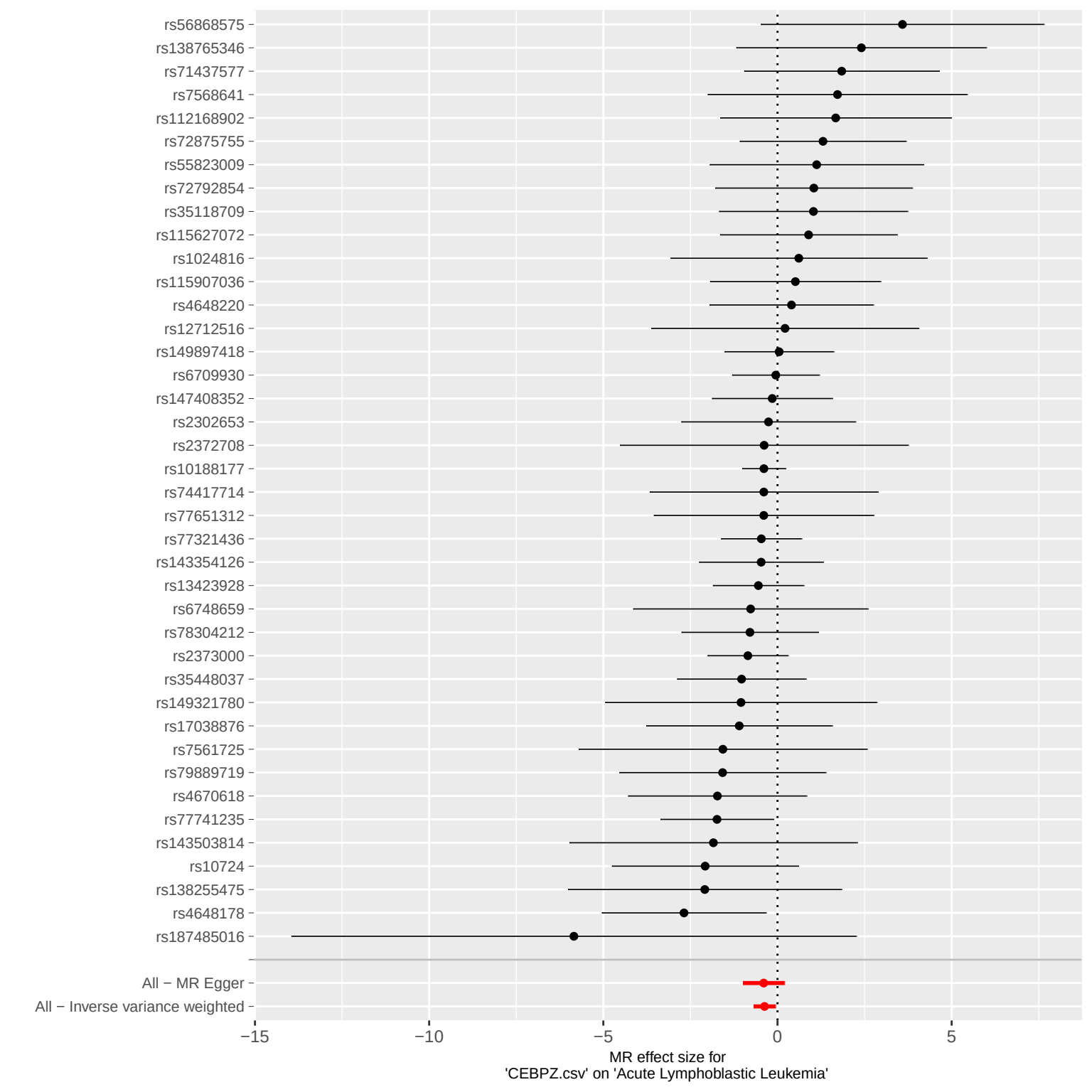
MR effect size for
'CEACAM19.csv' on 'Acute Lymphoblastic Leukemia'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rs10724
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rs4648178
rs187485016
All − MR Egger
All − Inverse variance weighted
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−10
−5
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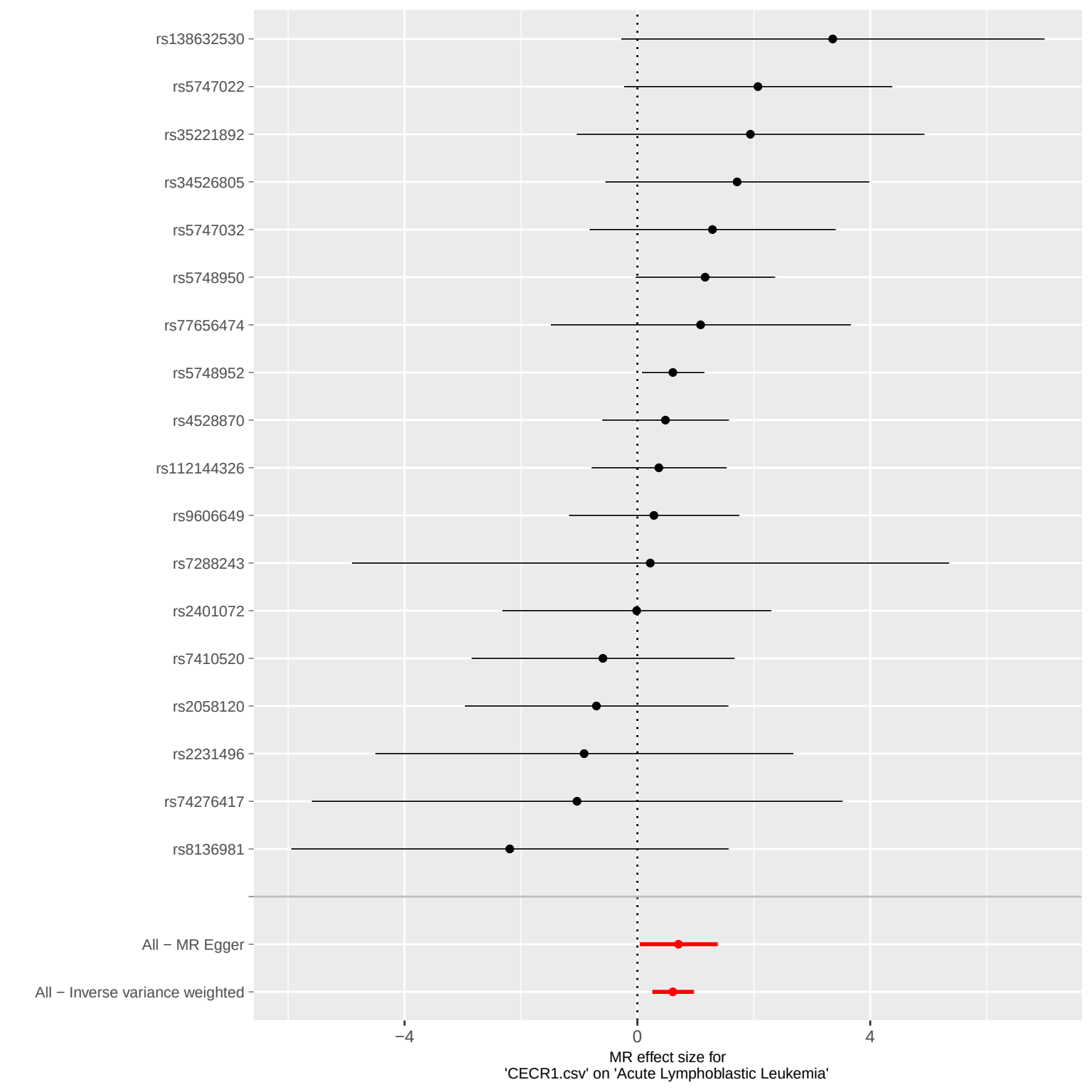
5
MR effect size for
'CEBPZ.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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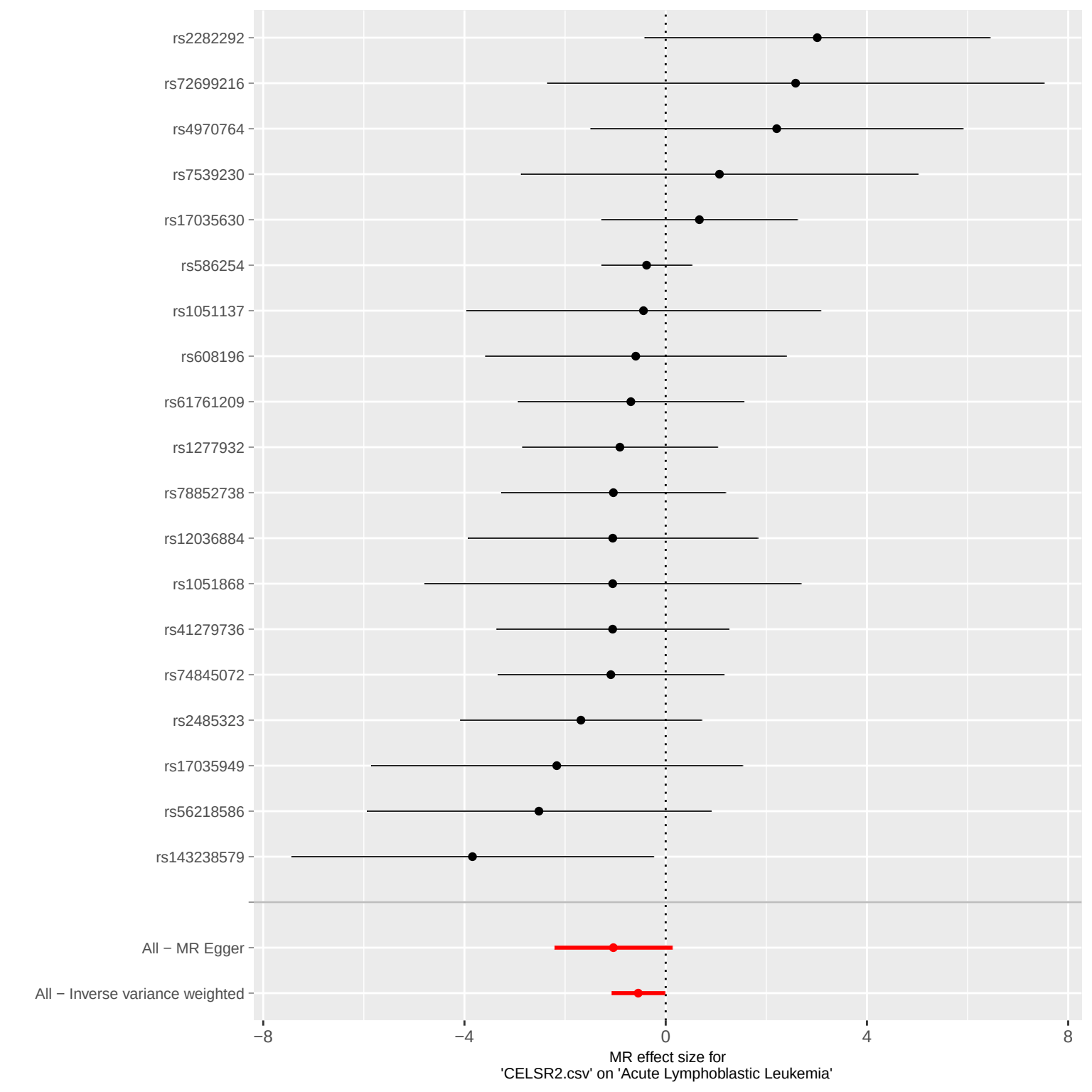
MR effect size for
'CECR1.csv' on 'Acute Lymphoblastic Leukemia'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rs41279736
rs74845072
rs2485323
rs17035949
rs56218586
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All − MR Egger
All − Inverse variance weighted
−8
−4
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4
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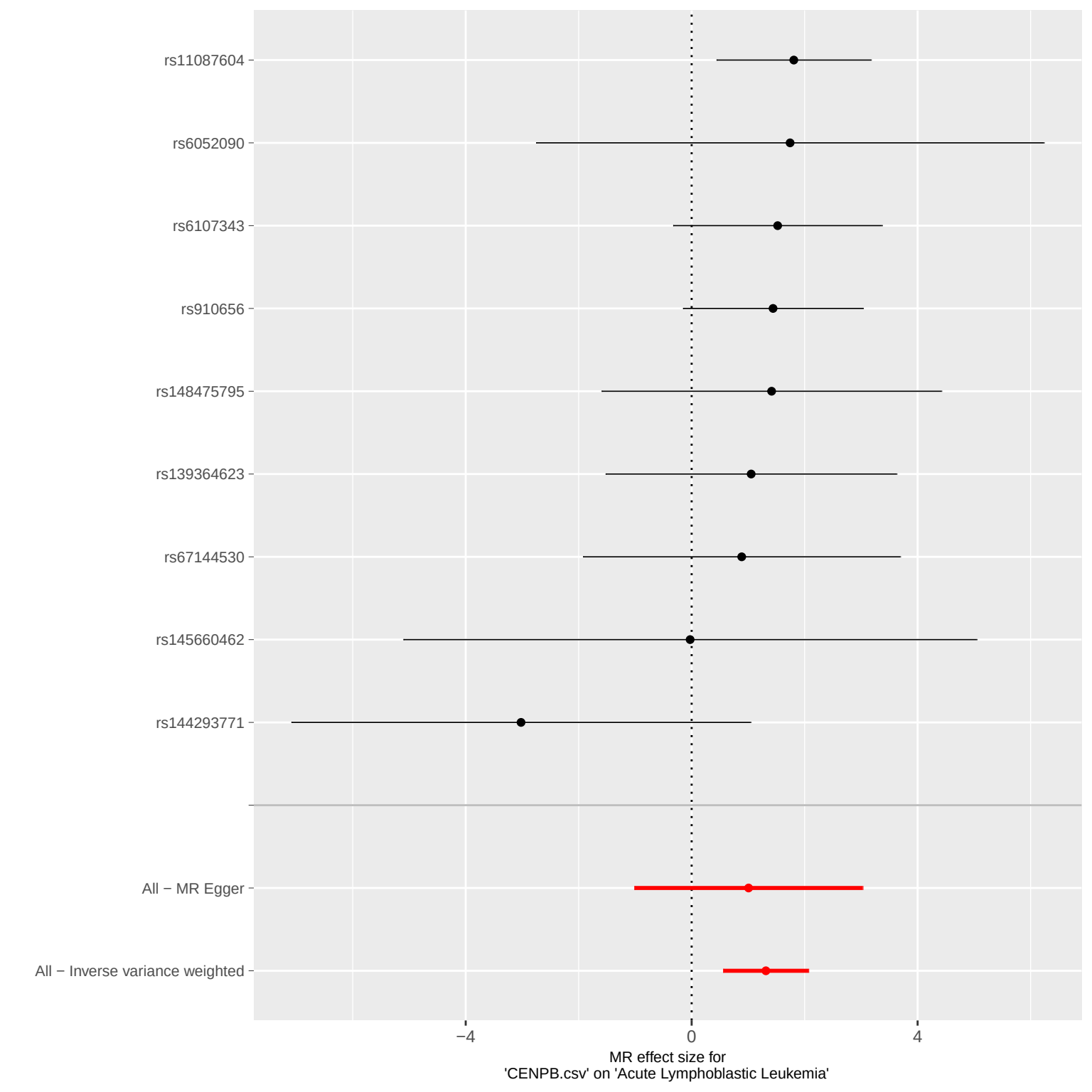
MR effect size for
'CELSR2.csv' on 'Acute Lymphoblastic Leukemia'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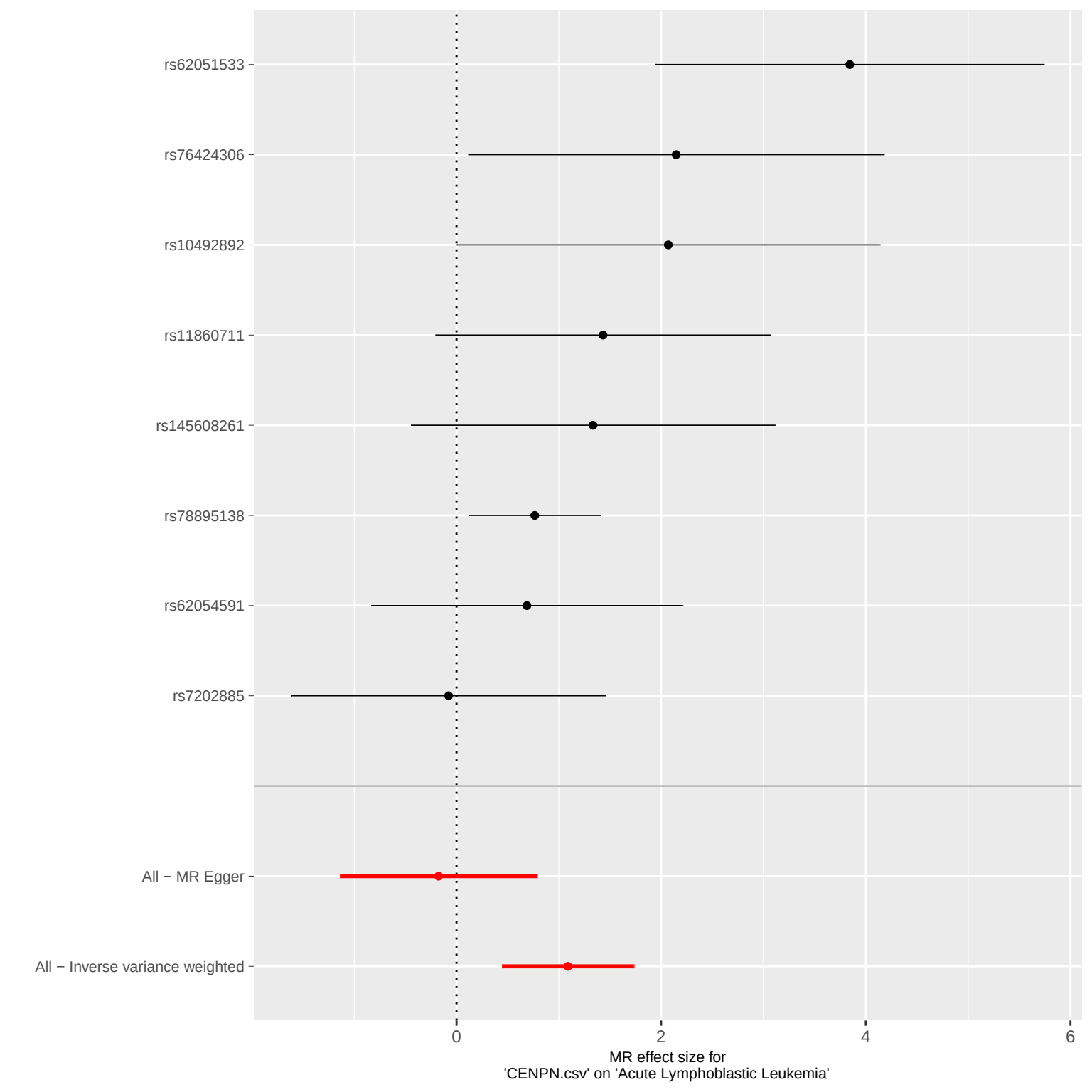
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CENPB.csv' on 'Acute Lymphoblastic Leukemia'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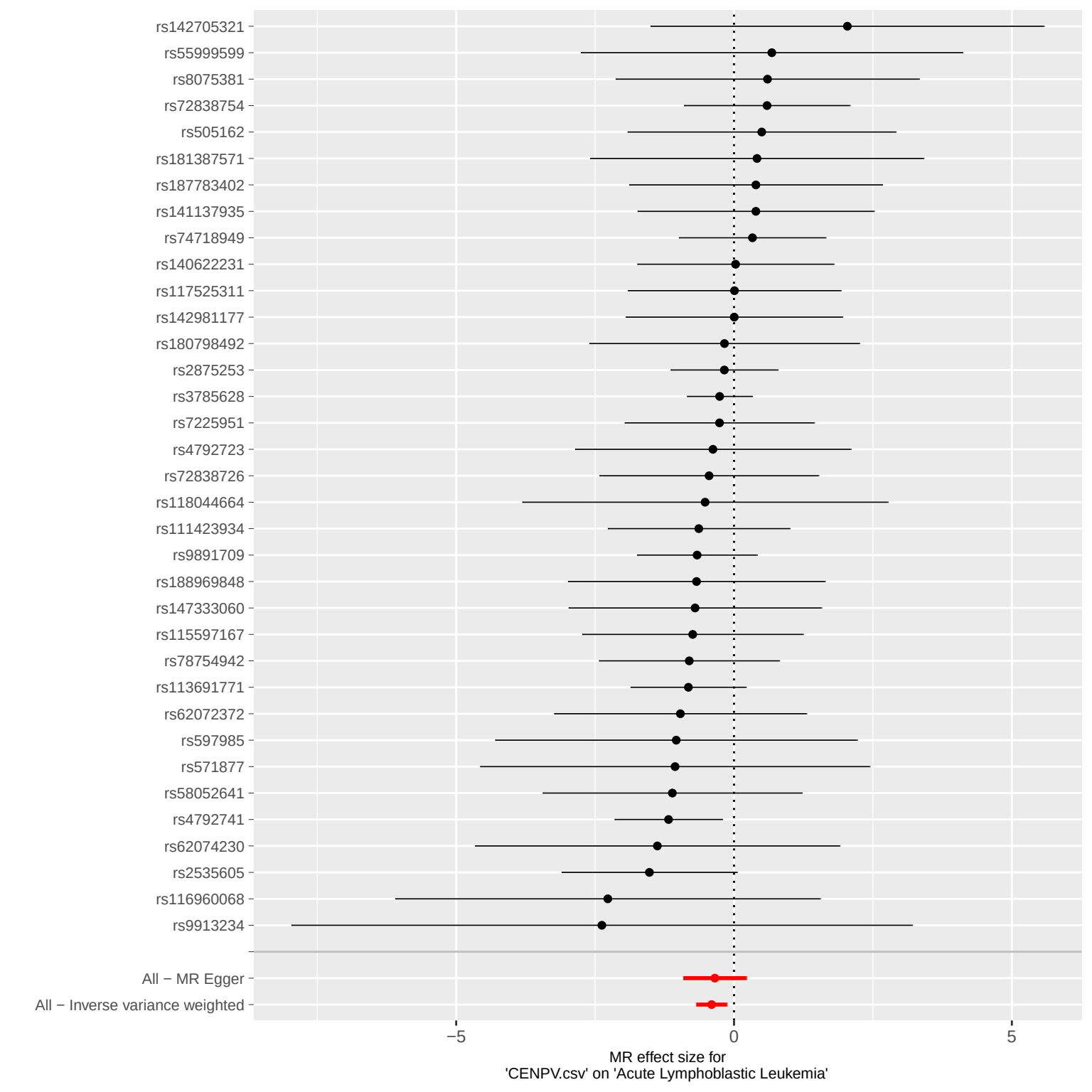
rs10492892
rs11860711
rs145608261
rs78895138
rs62054591
rs7202885
All − MR Egger
All − Inverse variance weighted
0
2
4
6
MR effect size for
'CENPN.csv' on 'Acute Lymphoblastic Leukemia'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rs117525311
rs142981177
rs180798492
rs2875253
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rs7225951
rs4792723
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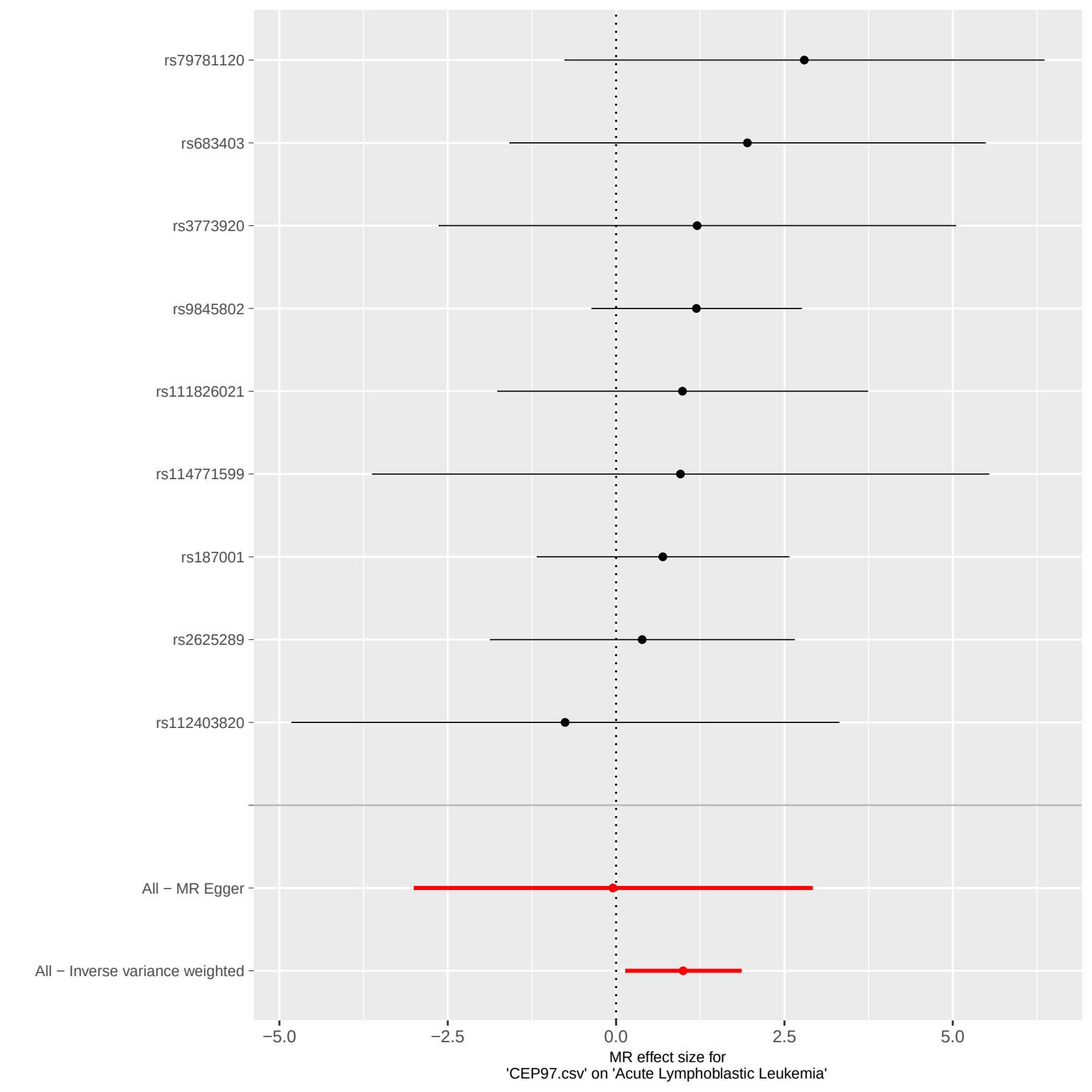
rs118044664
rs111423934
rs9891709
rs188969848
rs147333060
rs115597167
rs78754942
rs113691771
rs62072372
rs597985
rs571877
rs58052641
rs4792741
rs62074230
rs2535605
rs116960068
rs9913234
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CENPV.csv' on 'Acute Lymphoblastic Leukemia'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rs114771599
rs187001
rs2625289
rs112403820
All − MR Egger
All − Inverse variance weighted
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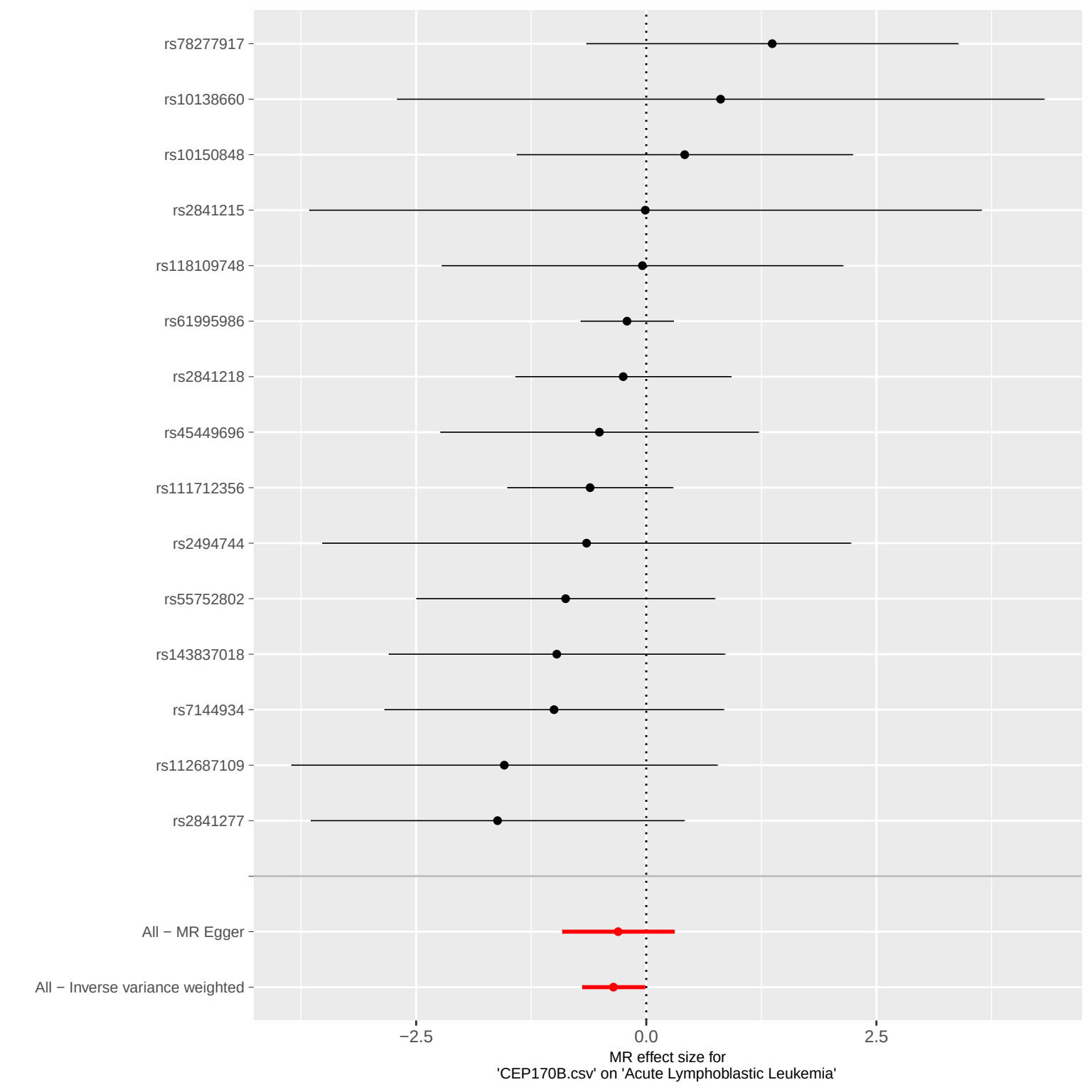
−2.5
0.0
2.5
5.0
MR effect size for
'CEP97.csv' on 'Acute Lymphoblastic Leukemia'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rs10150848
rs2841215
rs118109748
rs61995986
rs2841218
rs45449696
rs111712356
rs2494744
rs55752802
rs143837018
rs7144934
rs112687109
rs2841277
All − MR Egger
All − Inverse variance weighted
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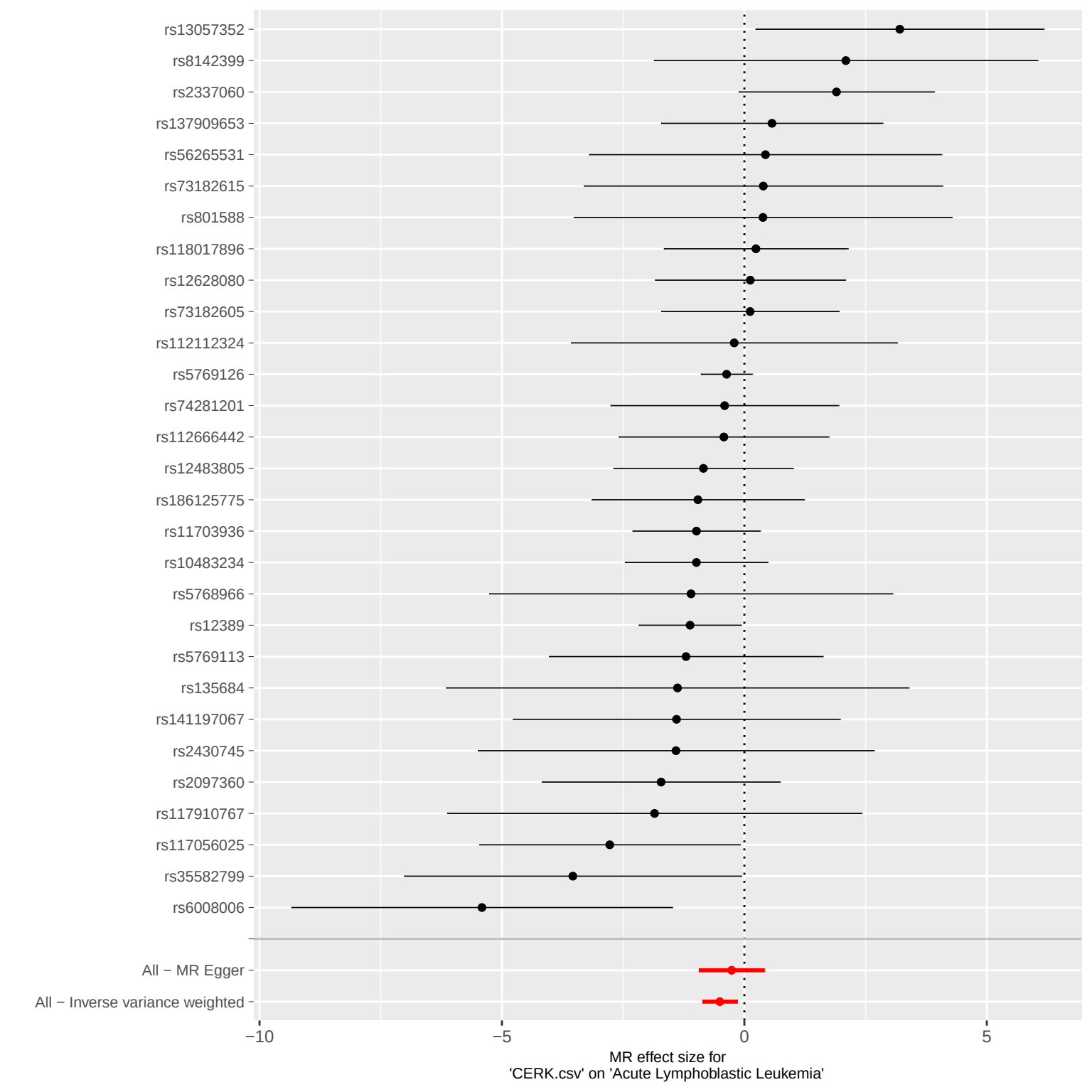
0.0
2.5
MR effect size for
'CEP170B.csv' on 'Acute Lymphoblastic Leukemia'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rs12389
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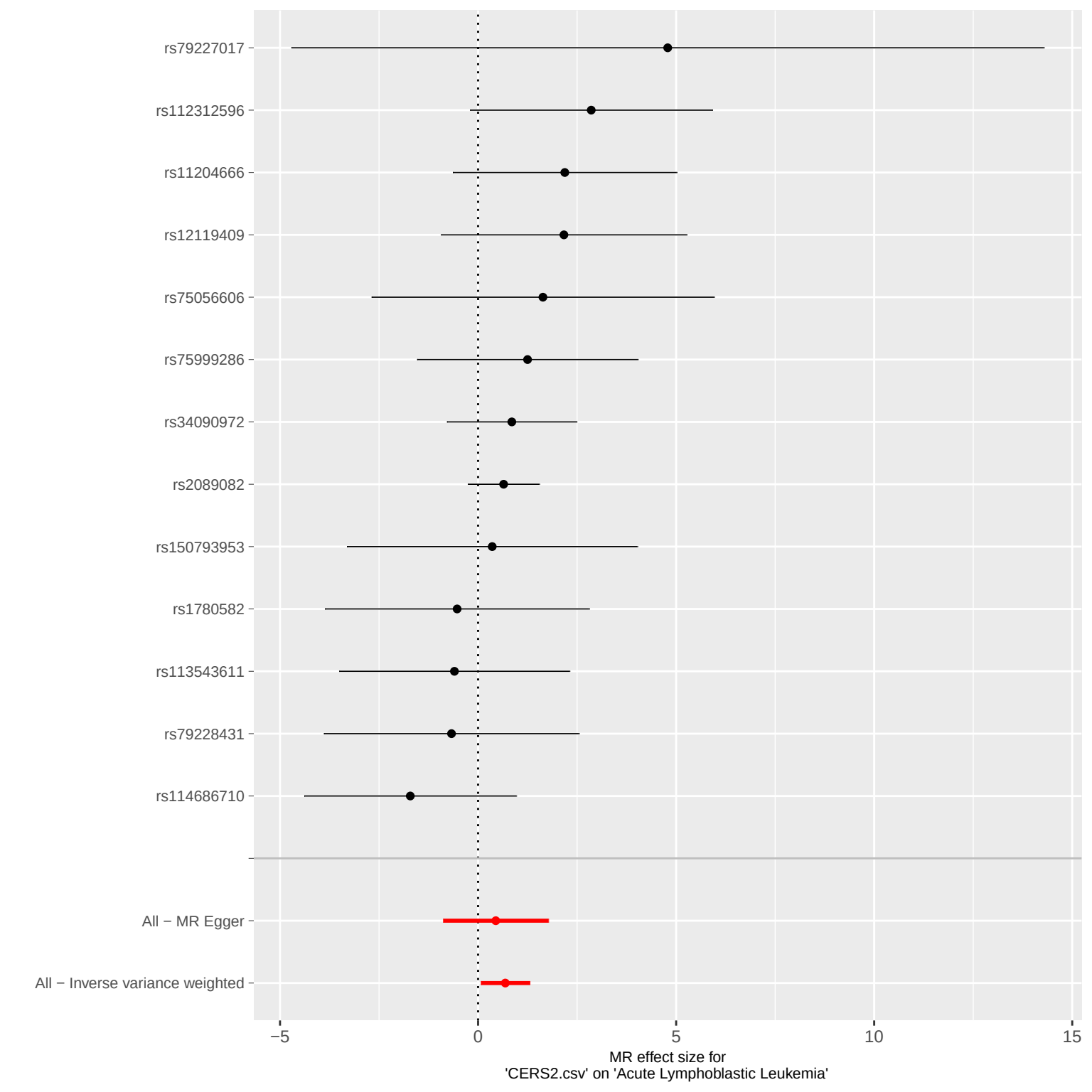
rs135684
rs141197067
rs2430745
rs2097360
rs117910767
rs117056025
rs35582799
rs6008006
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CERK.csv' on 'Acute Lymphoblastic Leukemia'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rs75999286
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rs2089082
rs150793953
rs1780582
rs113543611
rs79228431
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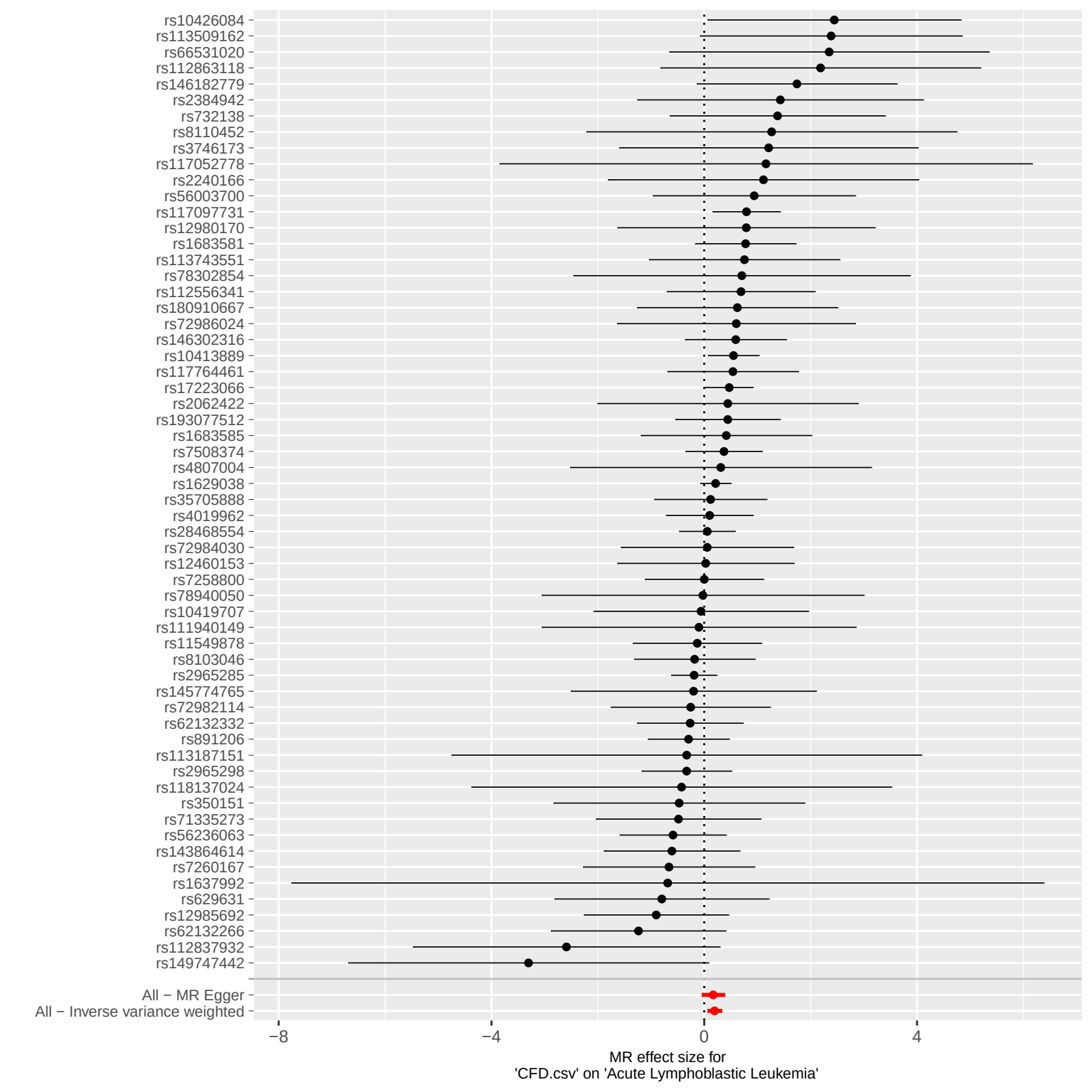
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'CERS2.csv' on 'Acute Lymphoblastic Leukemia'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rs2240166
rs56003700
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rs12980170
rs1683581
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rs78302854
rs112556341
rs180910667
rs72986024
rs146302316
rs10413889
rs117764461
rs17223066
rs2062422
rs193077512
rs1683585
rs7508374
rs4807004
rs1629038
rs35705888
rs4019962
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rs72984030
rs12460153
rs7258800
rs78940050
rs10419707
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rs11549878
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rs2965285
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rs72982114
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rs118137024
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rs71335273
rs56236063
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rs7260167
rs1637992
rs629631
rs12985692
rs62132266
rs112837932
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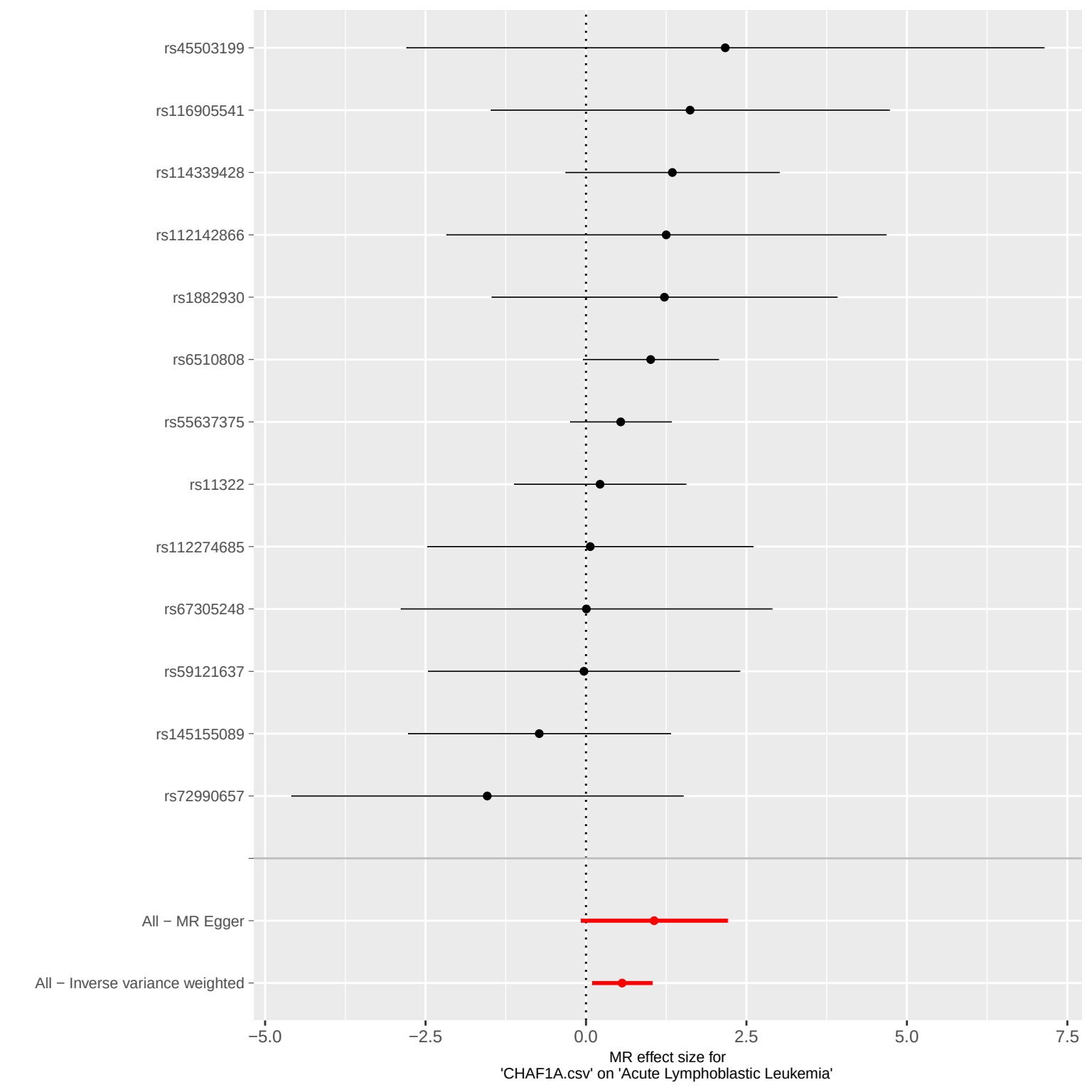
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'CFD.csv' on 'Acute Lymphoblastic Leukemia'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rs6510808
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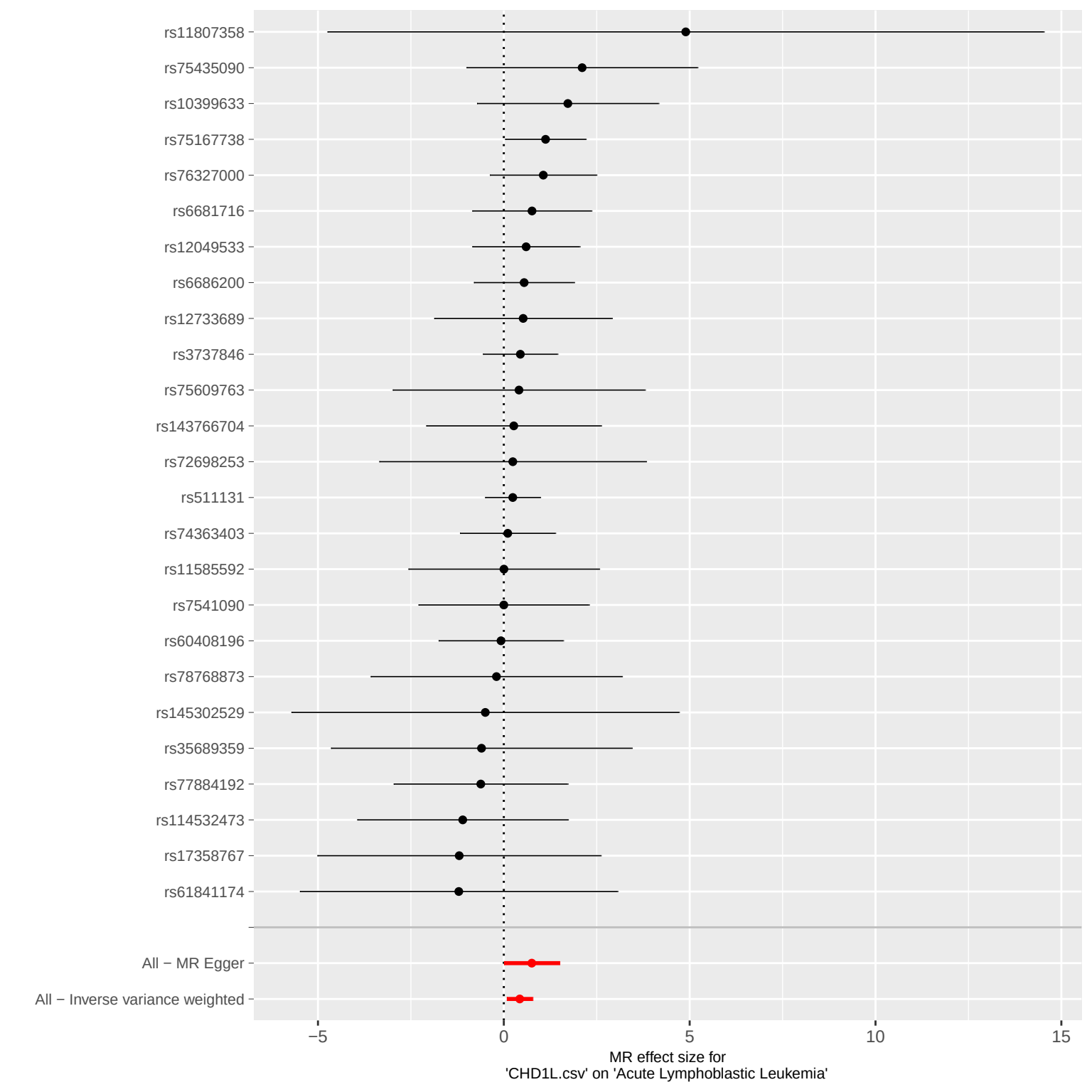
rs11322
rs112274685
rs67305248
rs59121637
rs145155089
rs72990657
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'CHAF1A.csv' on 'Acute Lymphoblastic Leukemia'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rs511131
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rs11585592
rs7541090
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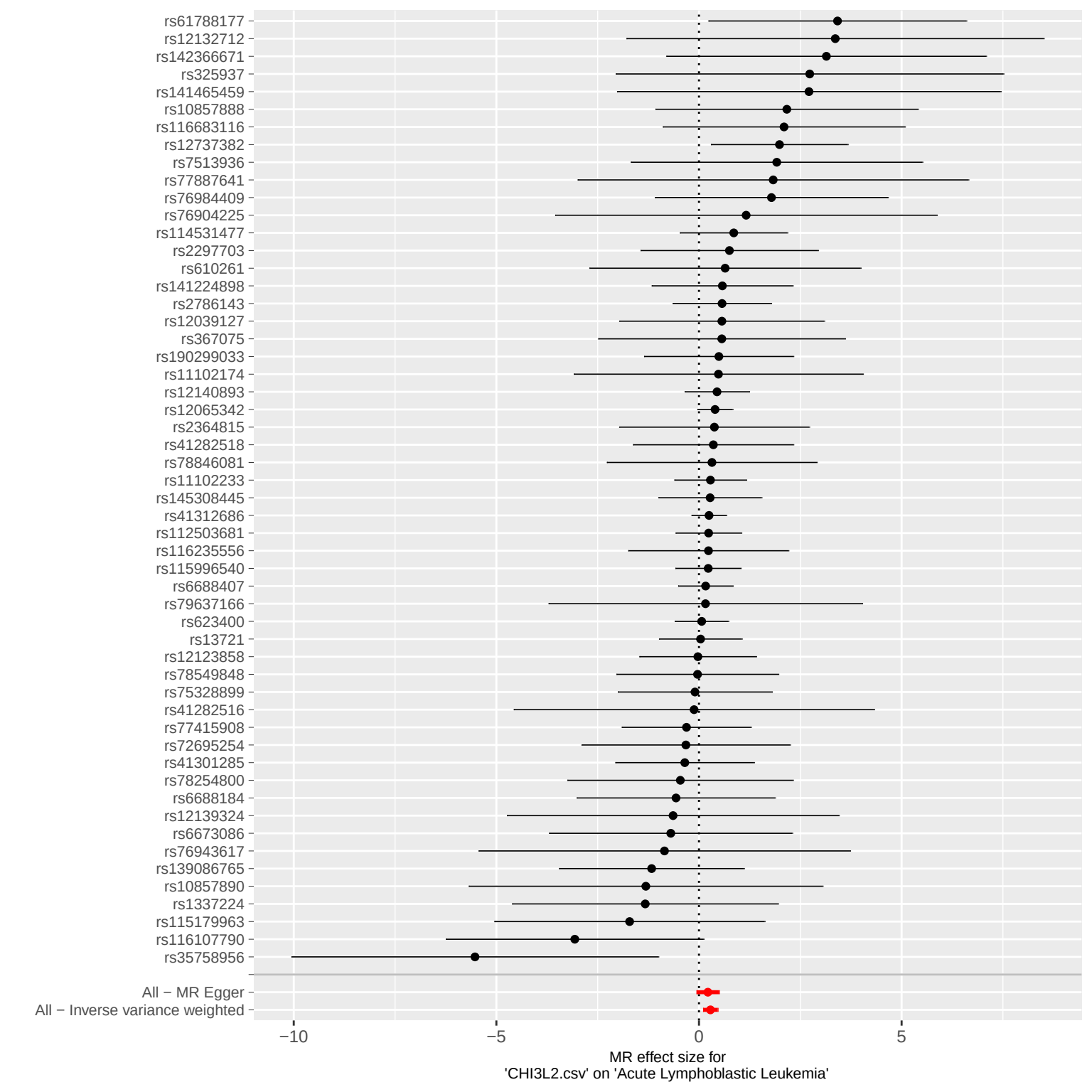
rs145302529
rs35689359
rs77884192
rs114532473
rs17358767
rs61841174
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'CHD1L.csv' on 'Acute Lymphoblastic Leukemia'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rs41282518
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rs1337224
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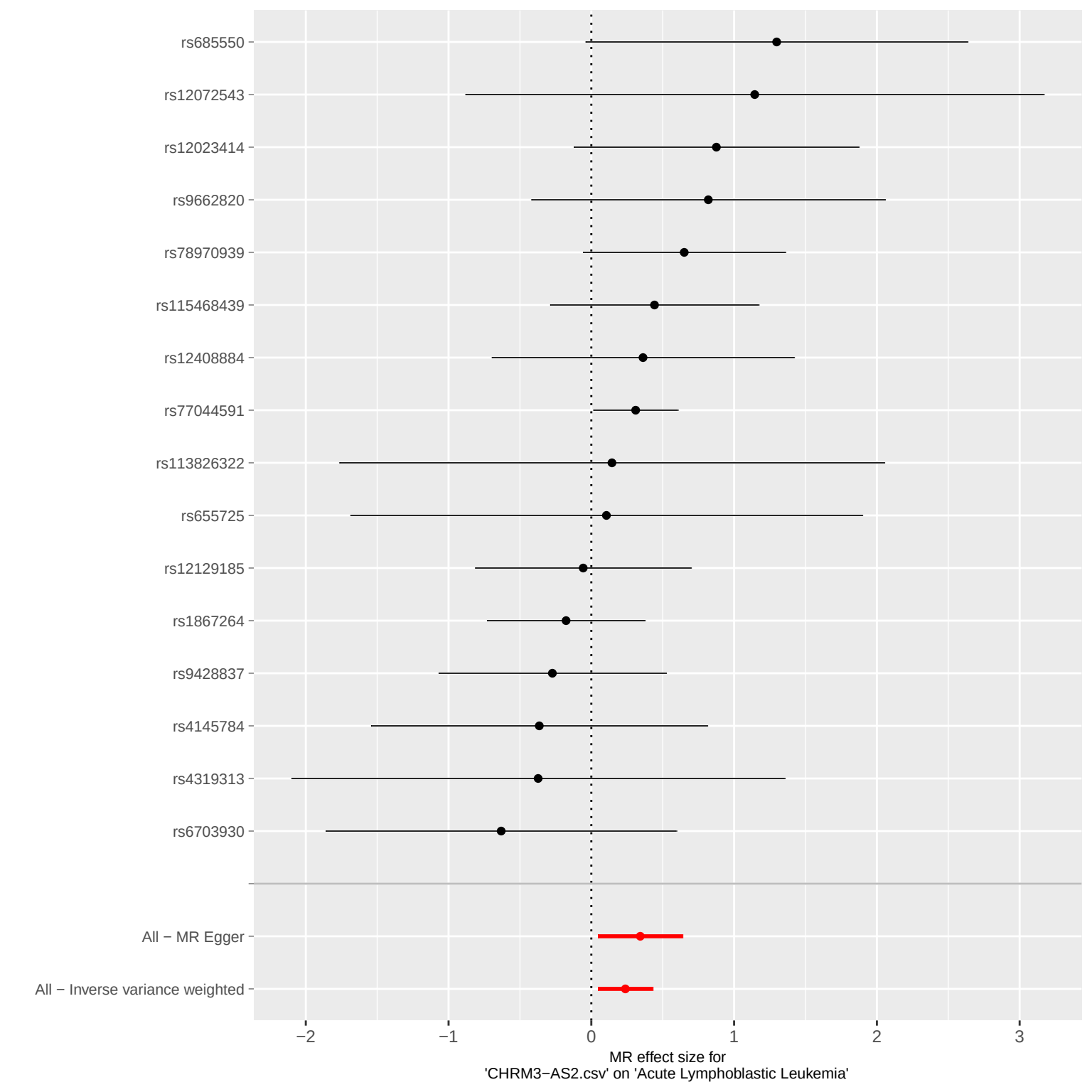
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CHI3L2.csv' on 'Acute Lymphoblastic Leukemia'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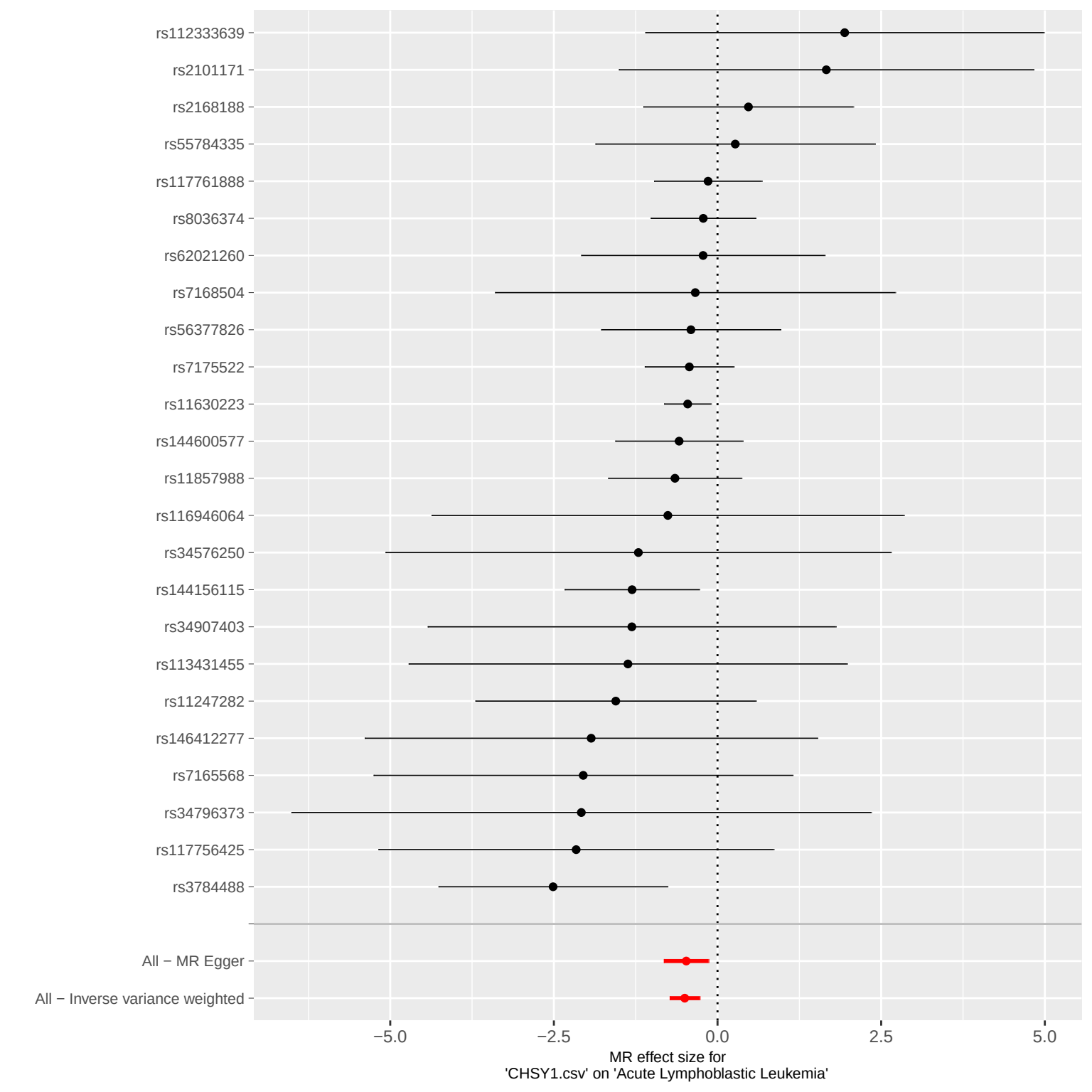
rs12408884
rs77044591
rs113826322
rs655725
rs12129185
rs1867264
rs9428837
rs4145784
rs4319313
rs6703930
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'CHRM3−AS2.csv' on 'Acute Lymphoblastic Leukemia'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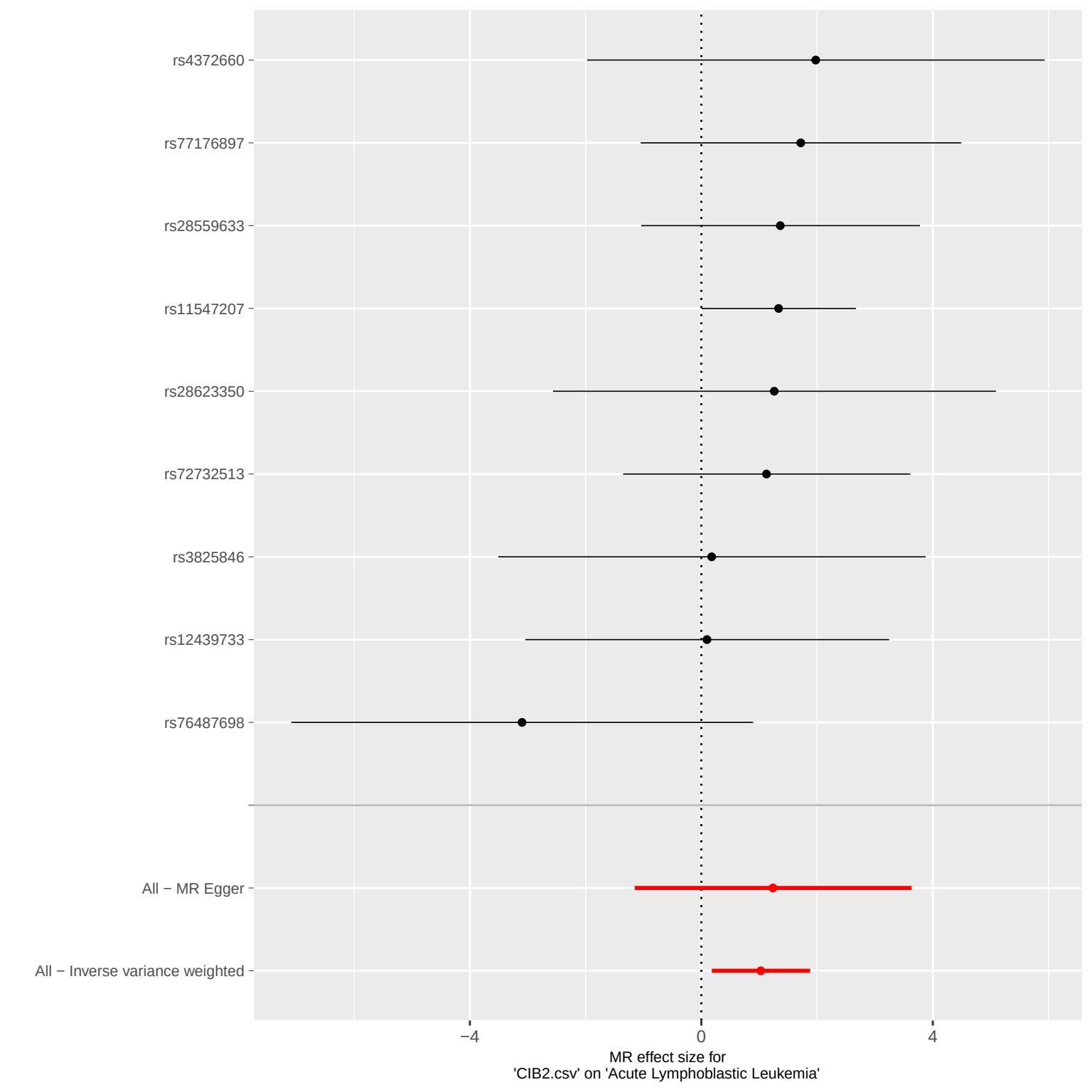
rs144156115
rs34907403
rs113431455
rs11247282
rs146412277
rs7165568
rs34796373
rs117756425
rs3784488
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CHSY1.csv' on 'Acute Lymphoblastic Leukemia'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rs11547207
rs28623350
rs72732513
rs3825846
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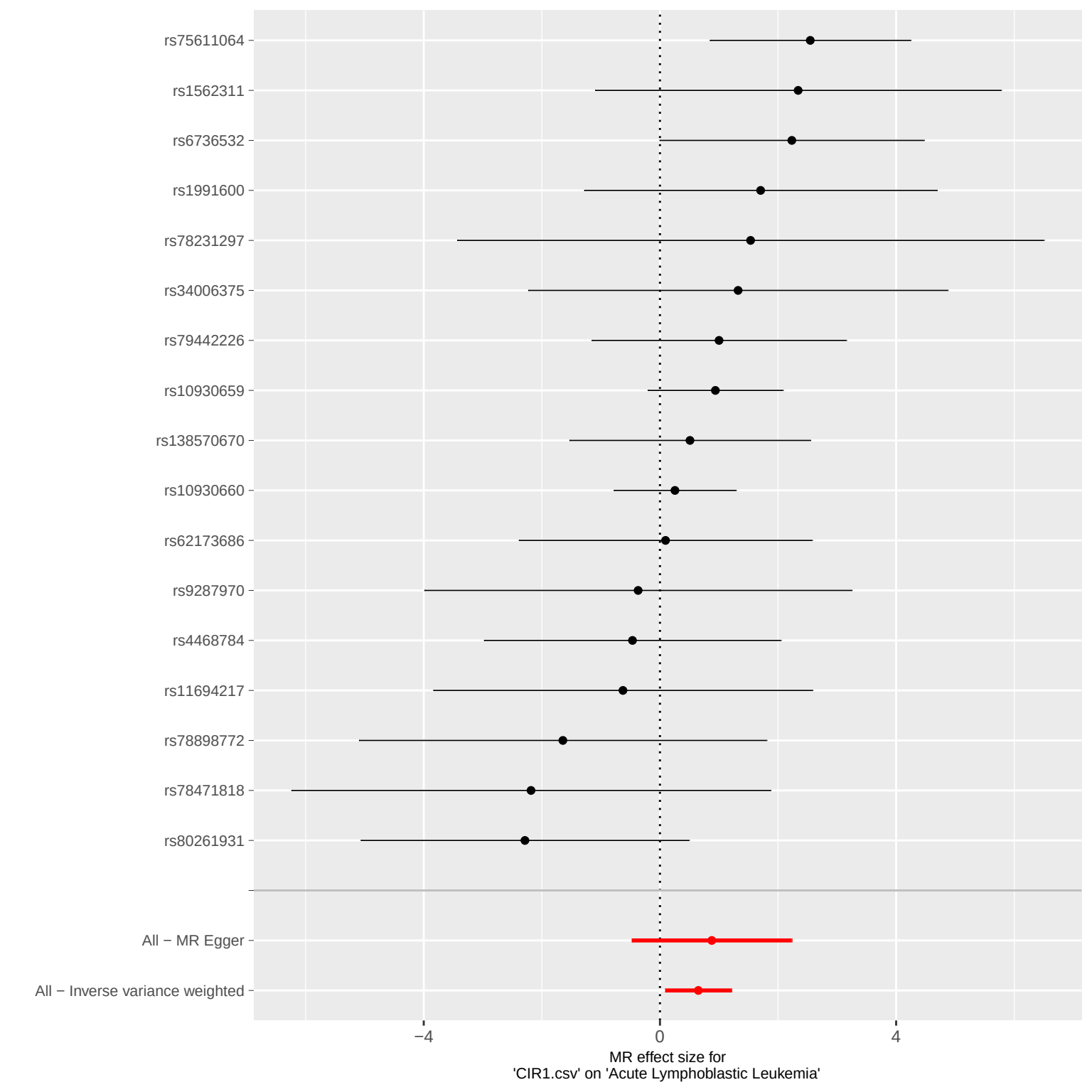
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CIB2.csv' on 'Acute Lymphoblastic Leukemia'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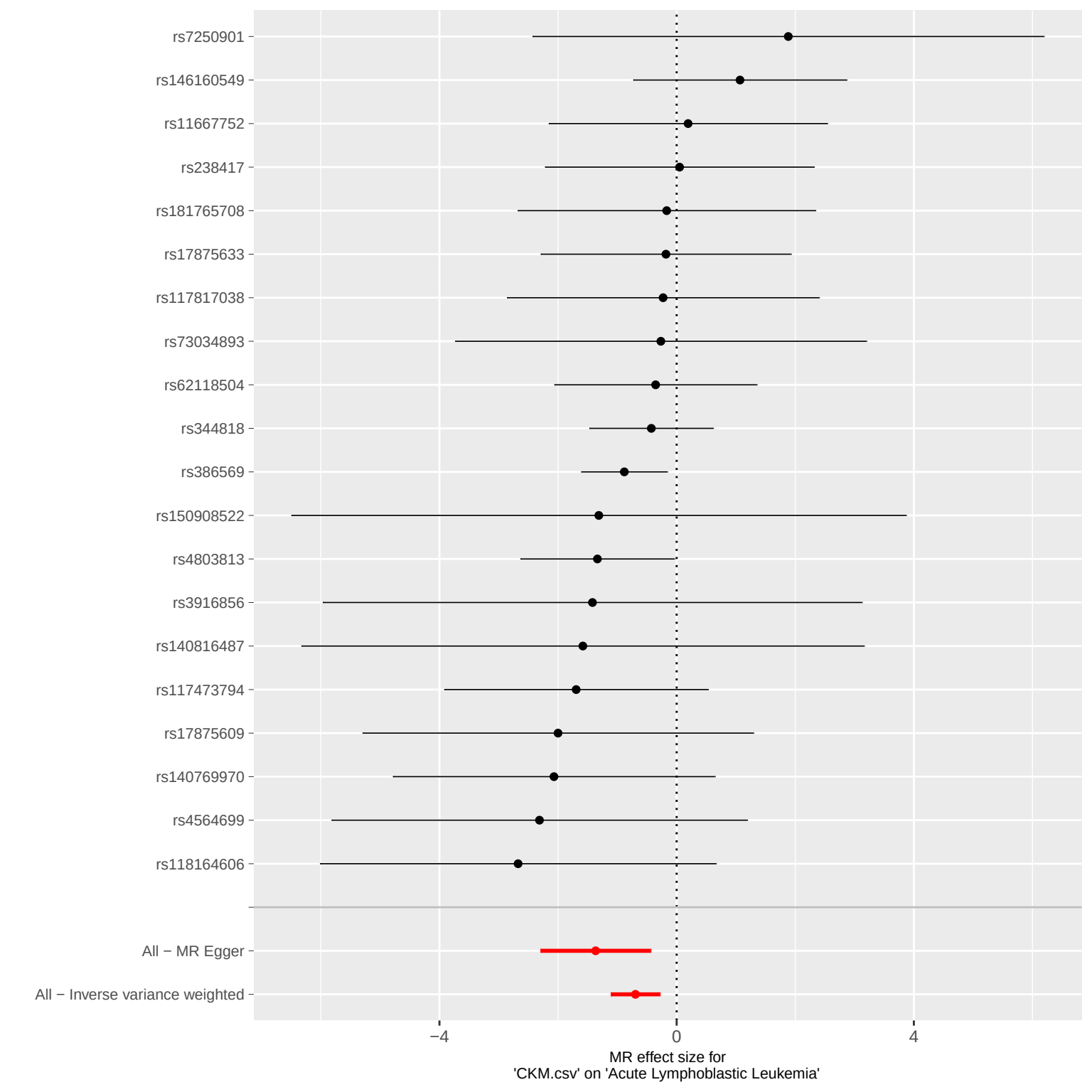
rs62173686
rs9287970
rs4468784
rs11694217
rs78898772
rs78471818
rs80261931
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CIR1.csv' on 'Acute Lymphoblastic Leukemia'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rs140816487
rs117473794
rs17875609
rs140769970
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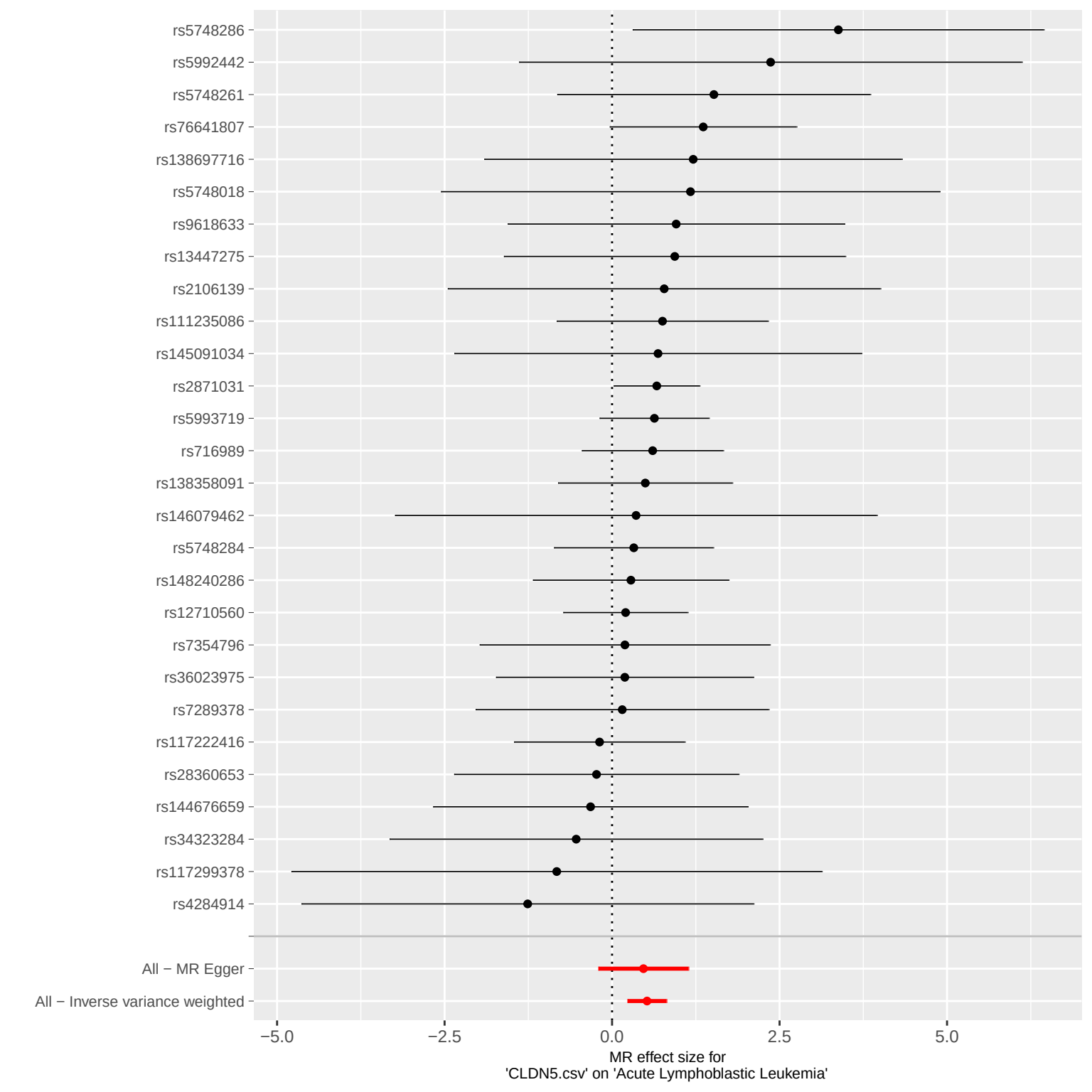
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CKM.csv' on 'Acute Lymphoblastic Leukemia'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rs12710560
rs7354796
rs36023975
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rs28360653
rs144676659
rs34323284
rs117299378
rs4284914
All − MR Egger
All − Inverse variance weighted
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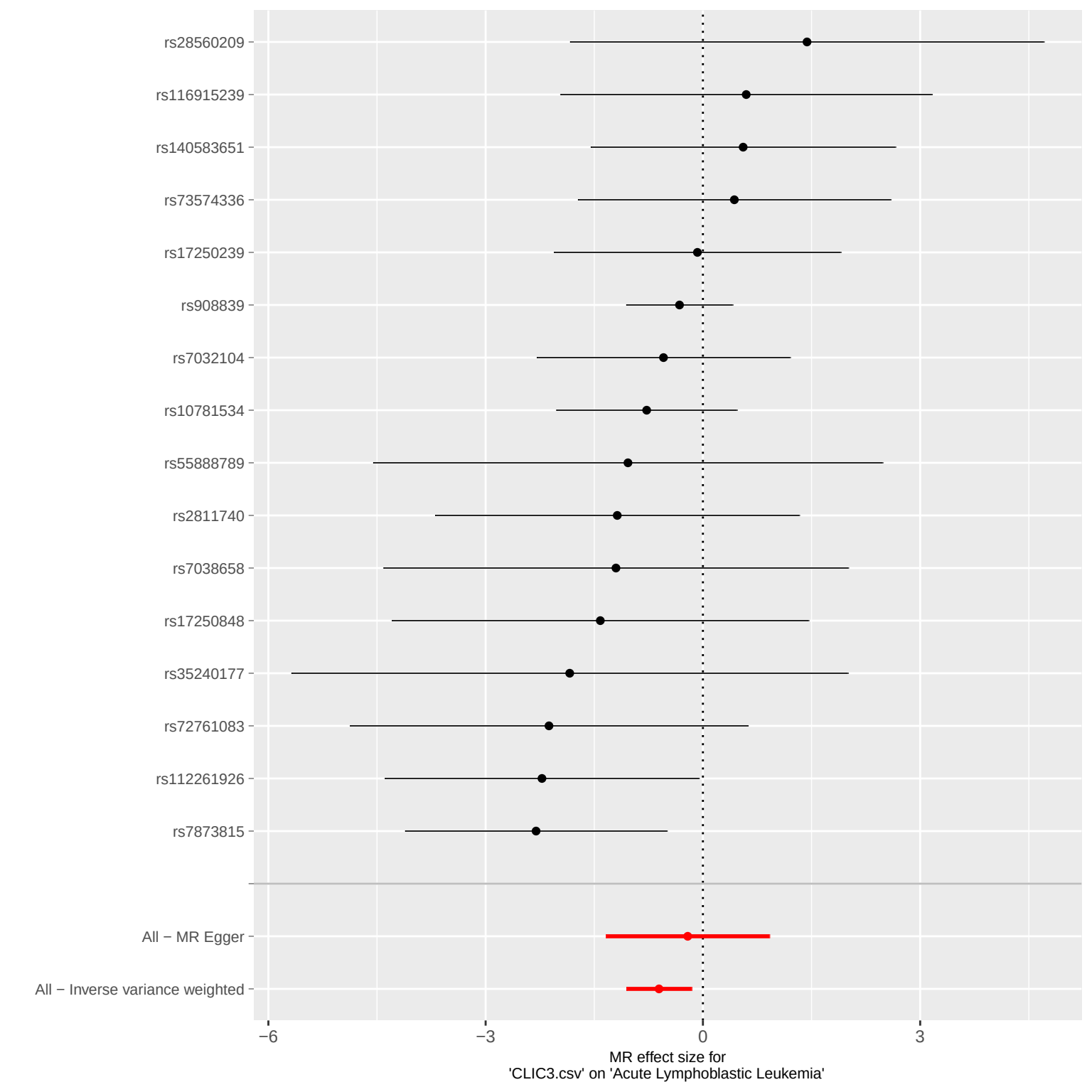
−2.5
0.0
2.5
5.0
MR effect size for
'CLDN5.csv' on 'Acute Lymphoblastic Leukemia'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rs7038658
rs17250848
rs35240177
rs72761083
rs112261926
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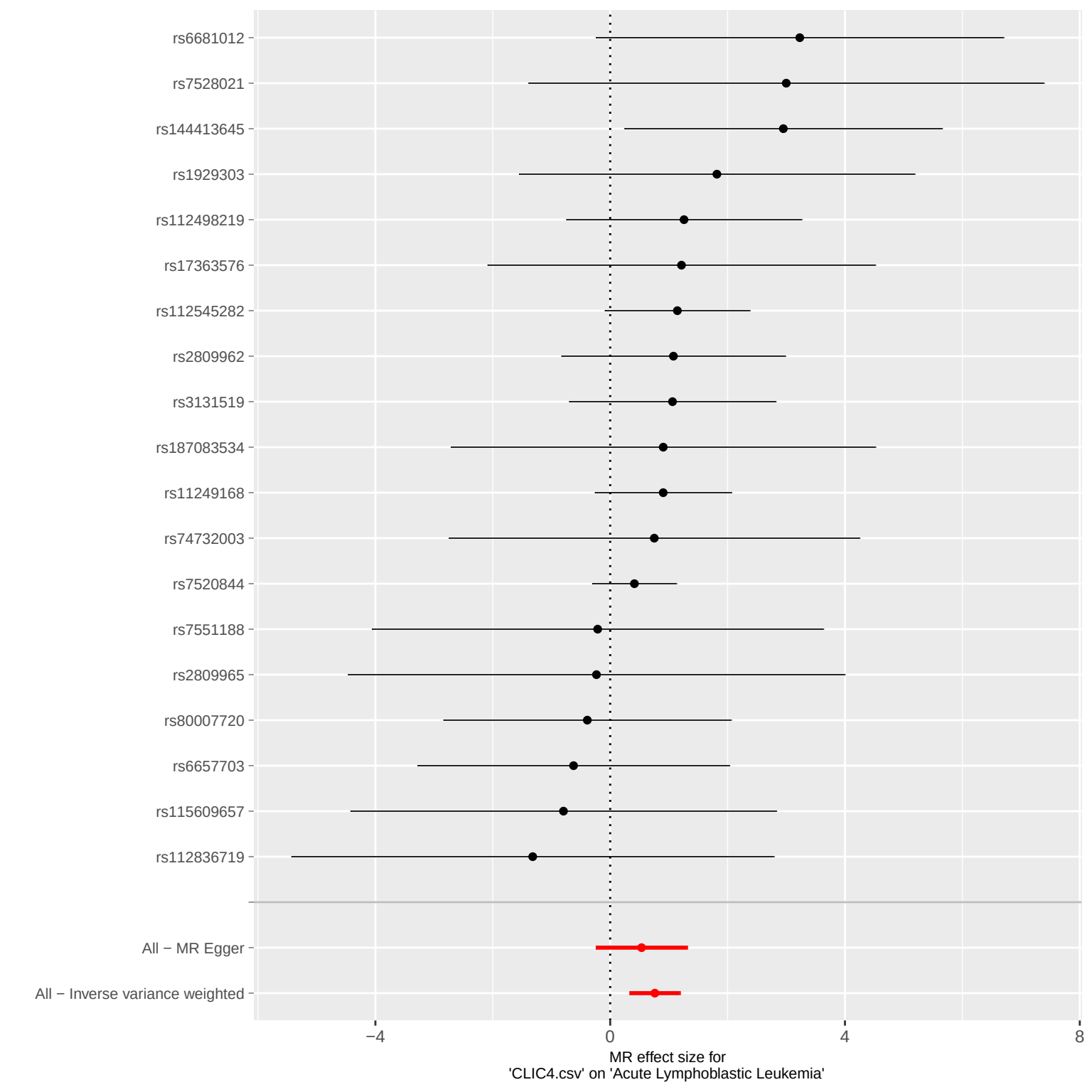
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'CLIC3.csv' on 'Acute Lymphoblastic Leukemia'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rs11249168
rs74732003
rs7520844
rs7551188
rs2809965
rs80007720
rs6657703
rs115609657
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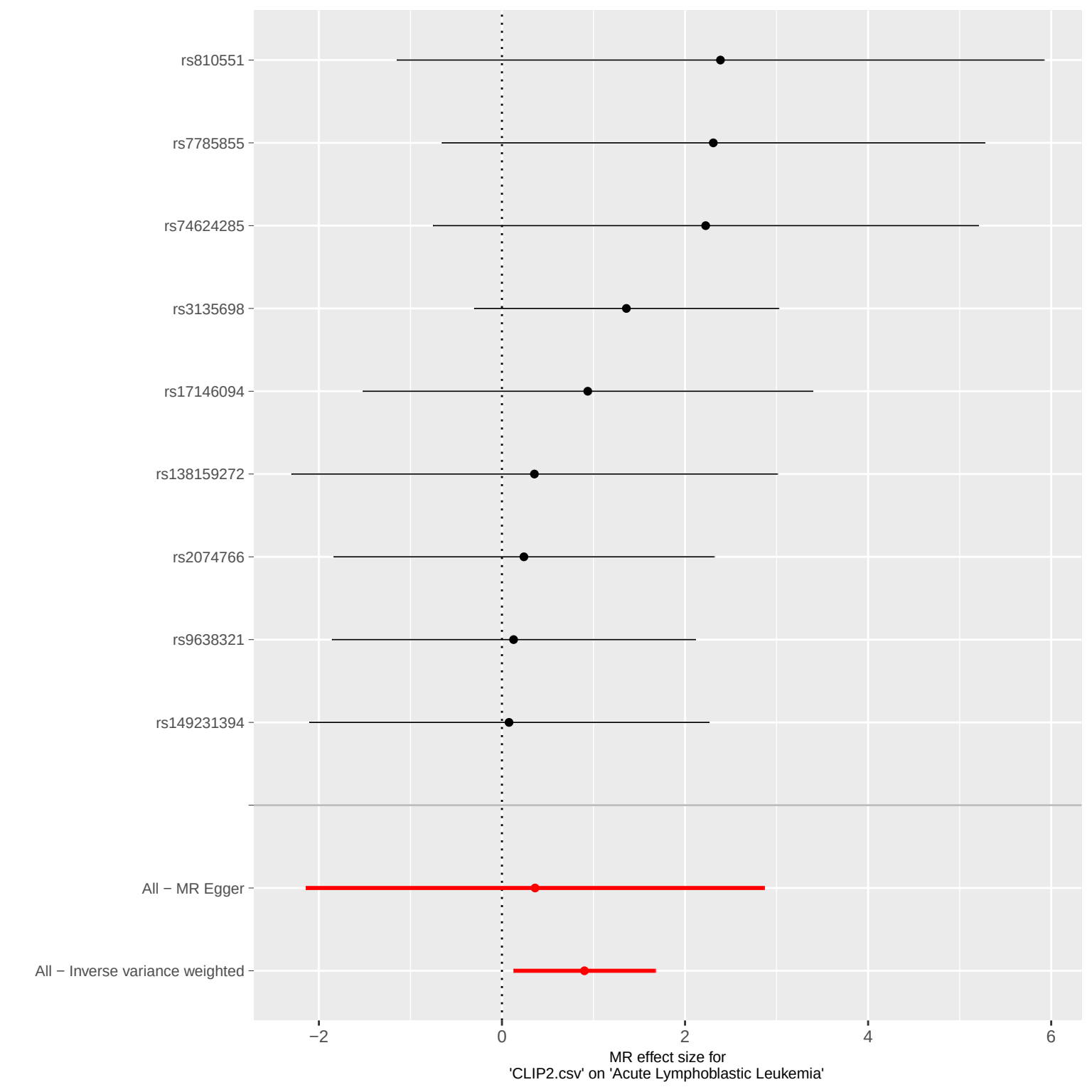
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'CLIC4.csv' on 'Acute Lymphoblastic Leukemia'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rs17146094
rs138159272
rs2074766
rs9638321
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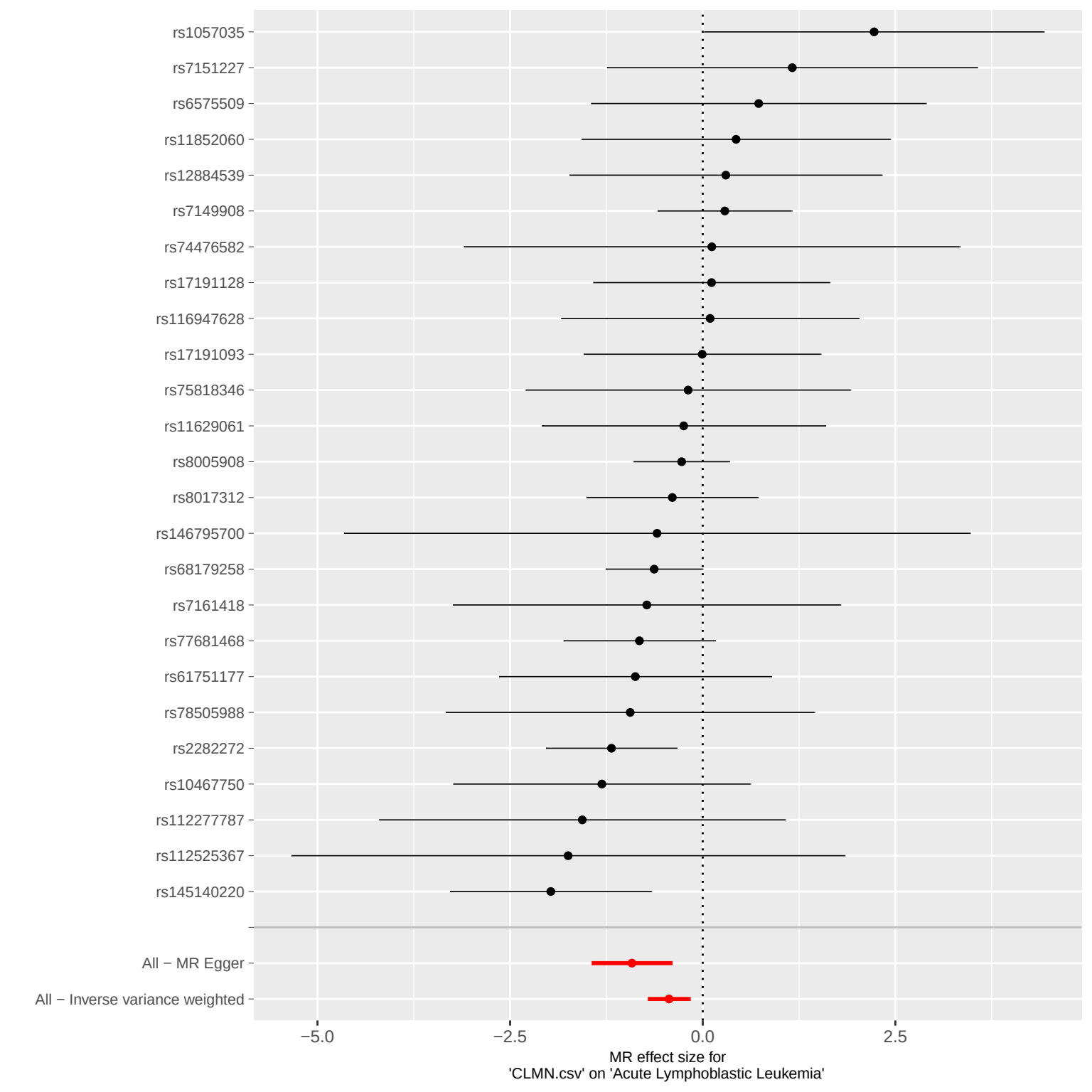
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'CLIP2.csv' on 'Acute Lymphoblastic Leukemia'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rs112525367
rs145140220
All − MR Egger
All − Inverse variance weighted
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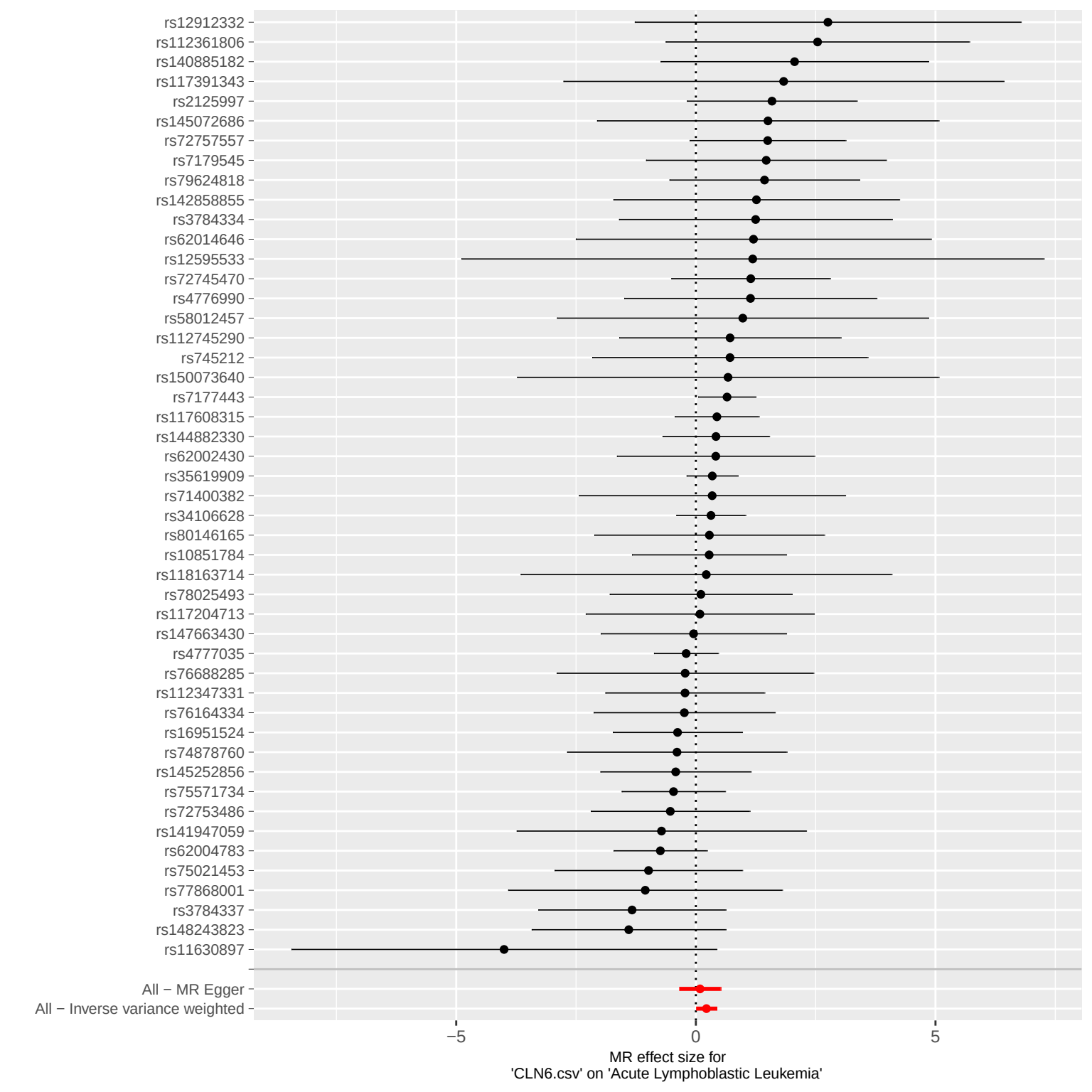
0.0
2.5
MR effect size for
'CLMN.csv' on 'Acute Lymphoblastic Leukemia'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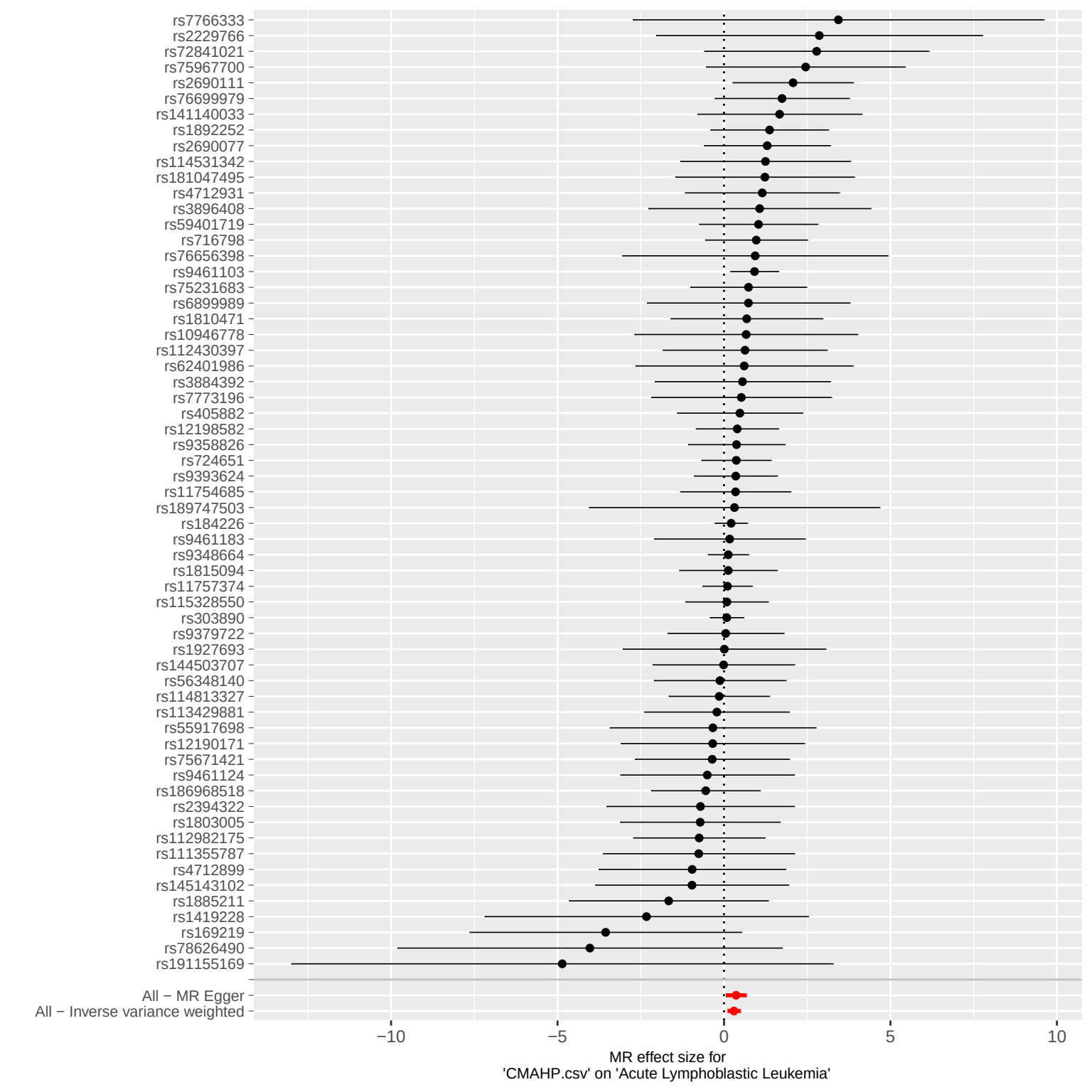
rs141947059
rs62004783
rs75021453
rs77868001
rs3784337
rs148243823
rs11630897
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CLN6.csv' on 'Acute Lymphoblastic Leukemia'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rs145143102
rs1885211
rs1419228
rs169219
rs78626490
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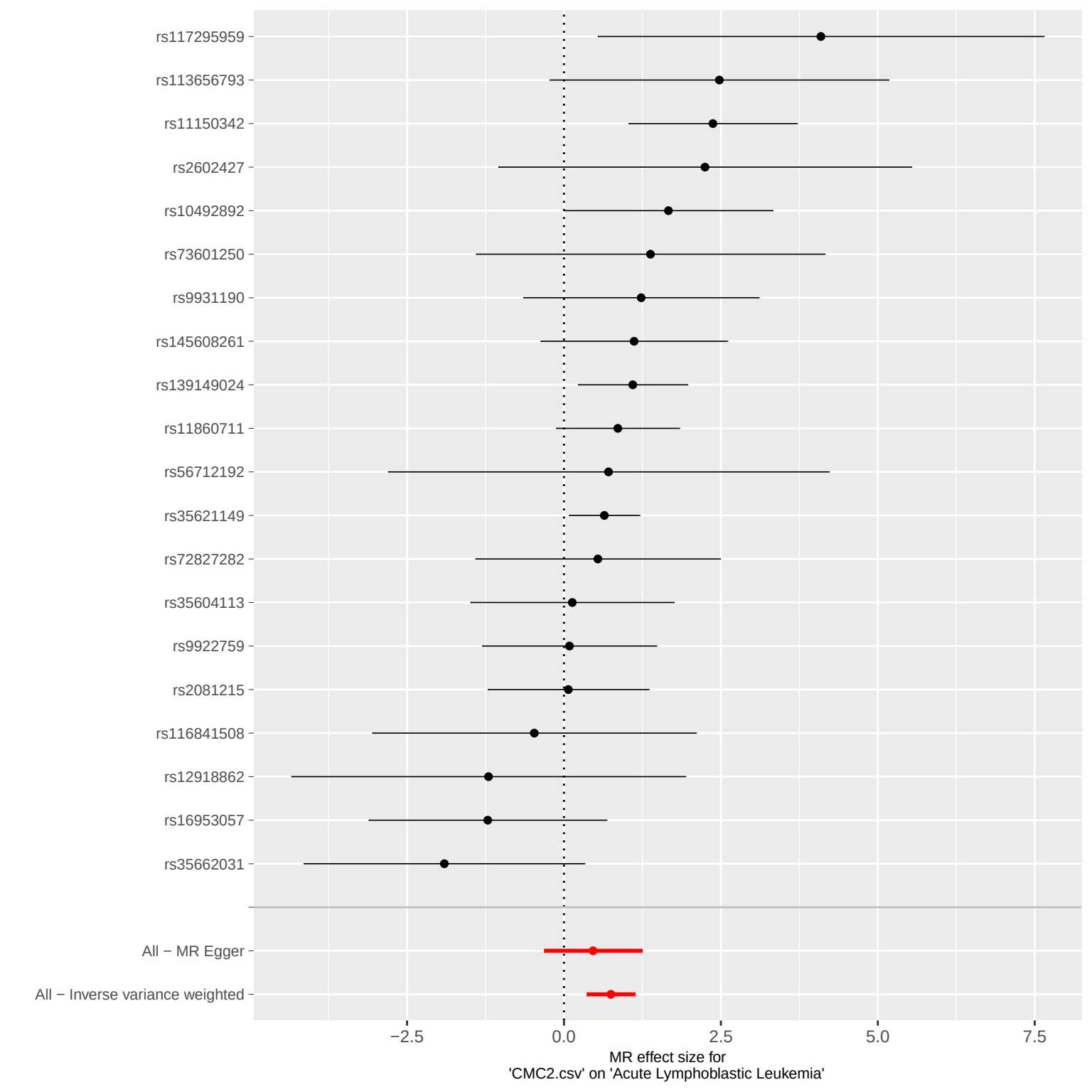
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'CMAHP.csv' on 'Acute Lymphoblastic Leukemia'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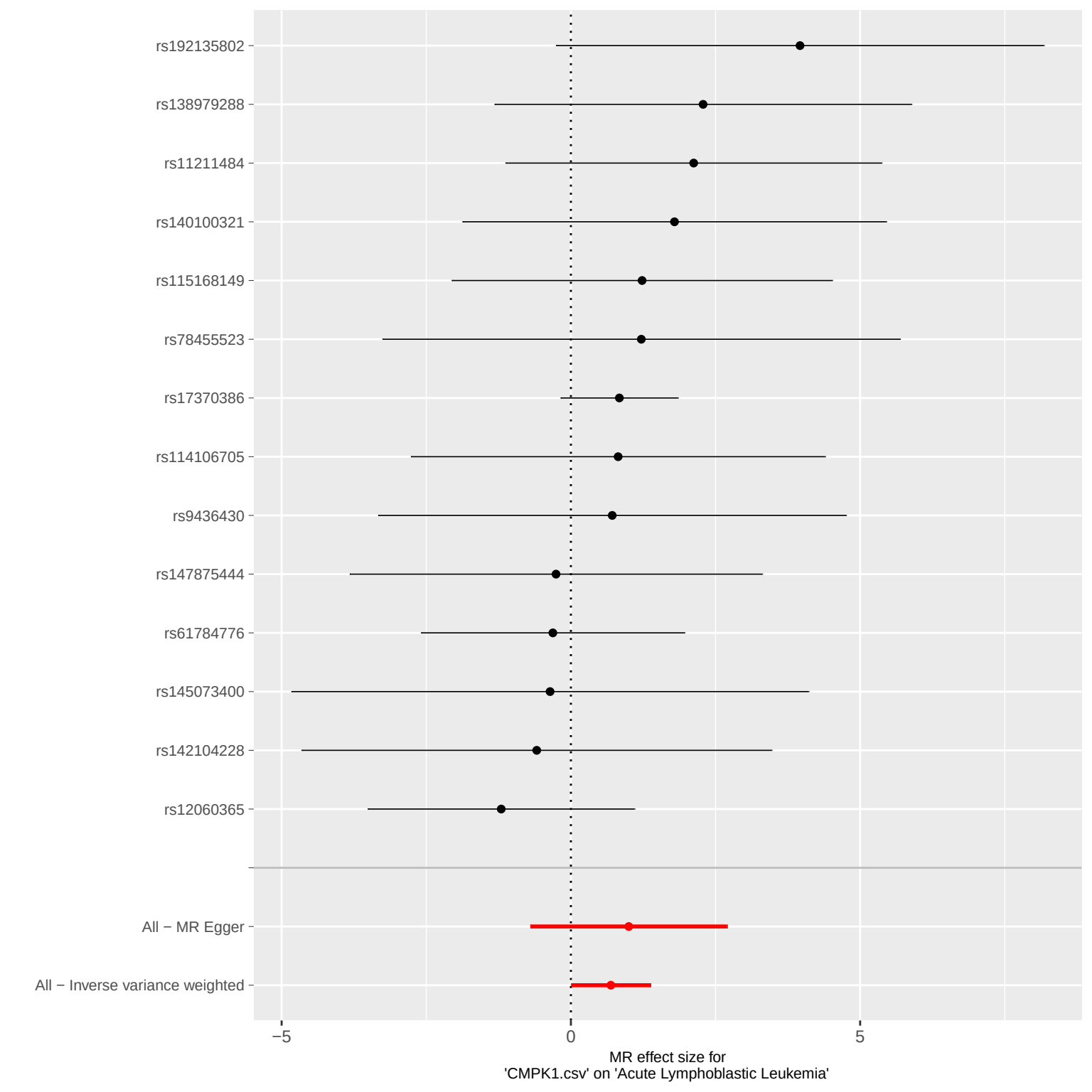
rs56712192
rs35621149
rs72827282
rs35604113
rs9922759
rs2081215
rs116841508
rs12918862
rs16953057
rs35662031
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'CMC2.csv' on 'Acute Lymphoblastic Leukemia'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rs147875444
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rs145073400
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All − MR Egger
All − Inverse variance weighted
−5
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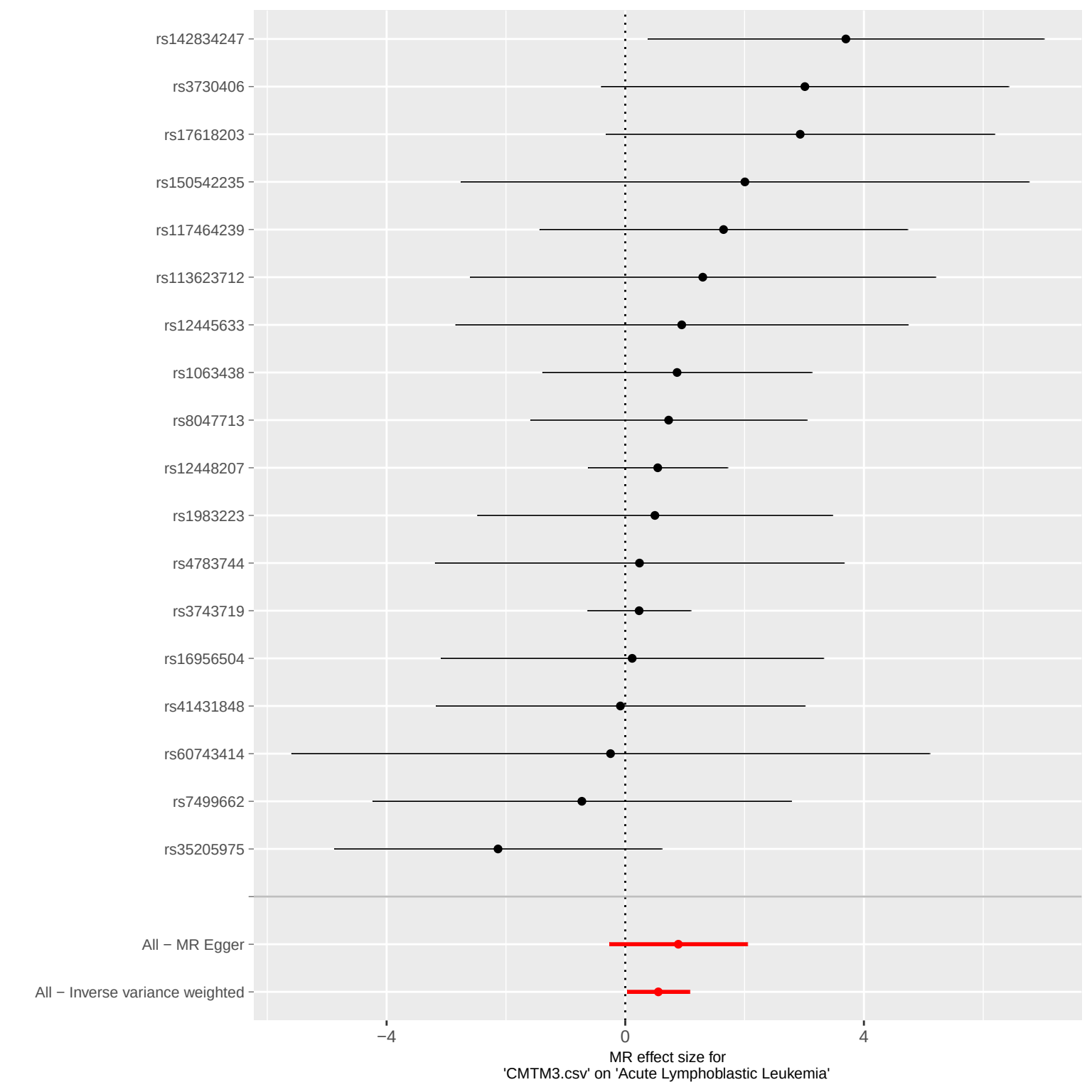
MR effect size for
'CMPK1.csv' on 'Acute Lymphoblastic Leukemia'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rs3743719
rs16956504
rs41431848
rs60743414
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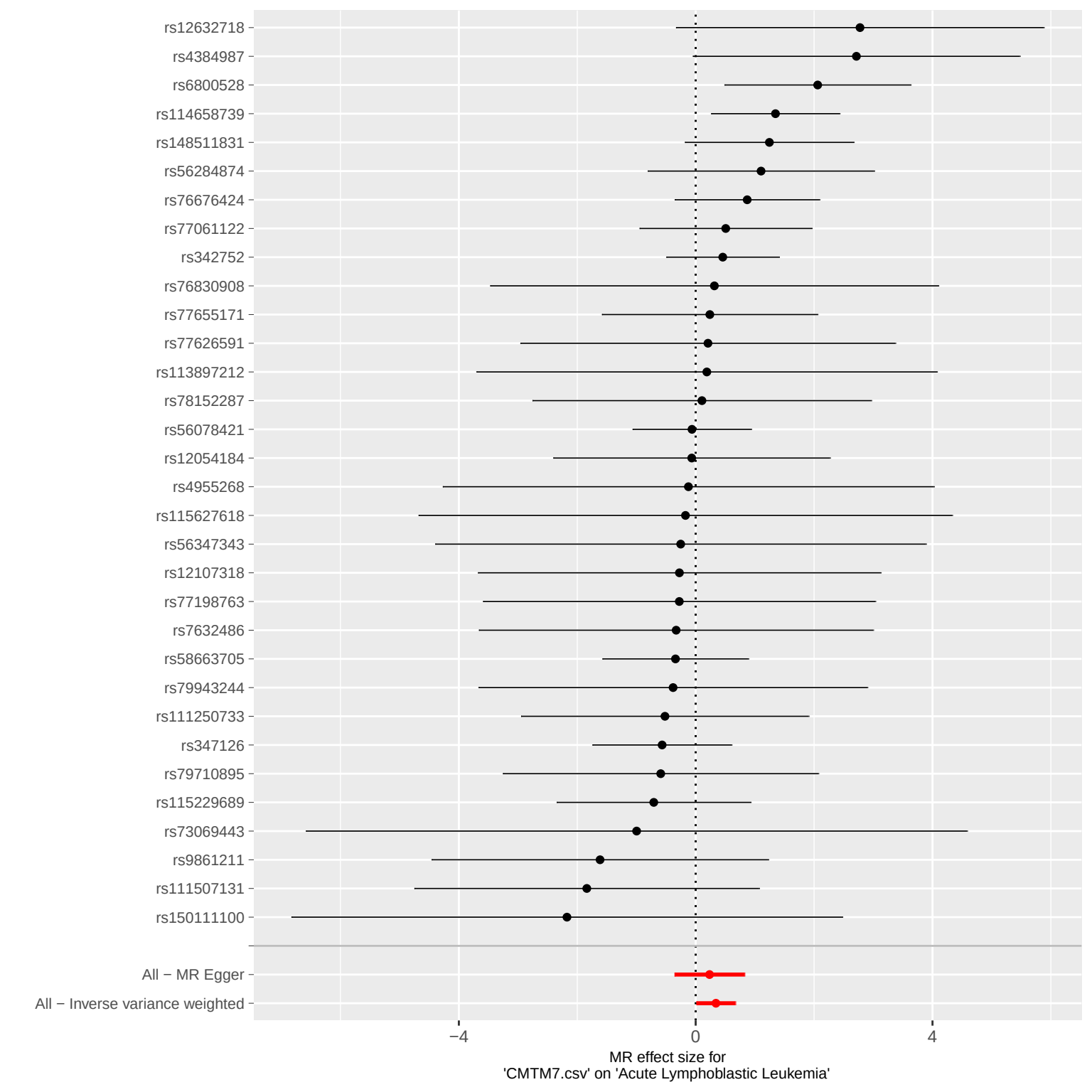
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CMTM3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
0
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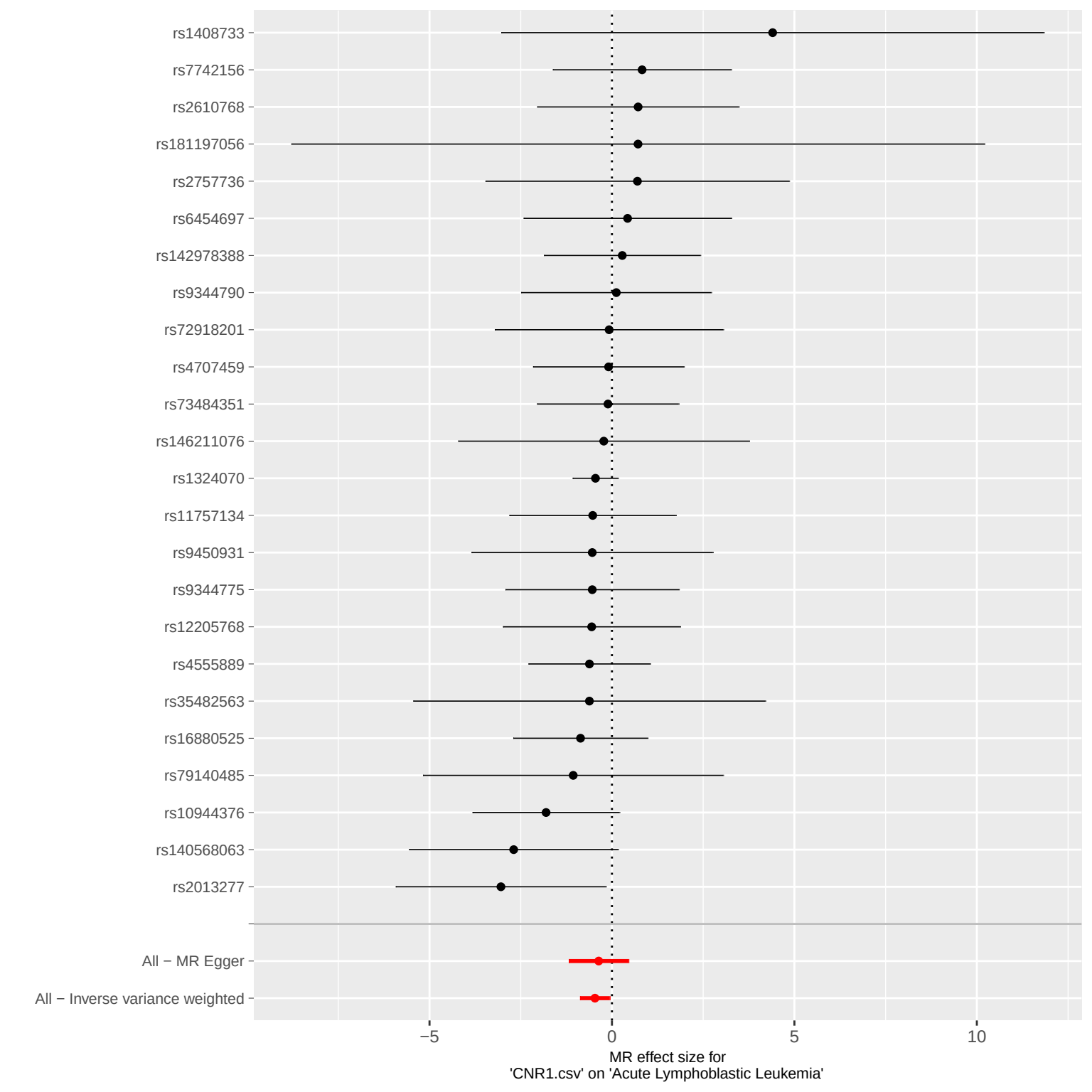
MR effect size for
'CMTM7.csv' on 'Acute Lymphoblastic Leukemia'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rs35482563
rs16880525
rs79140485
rs10944376
rs140568063
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All − MR Egger
All − Inverse variance weighted
−5
0
5
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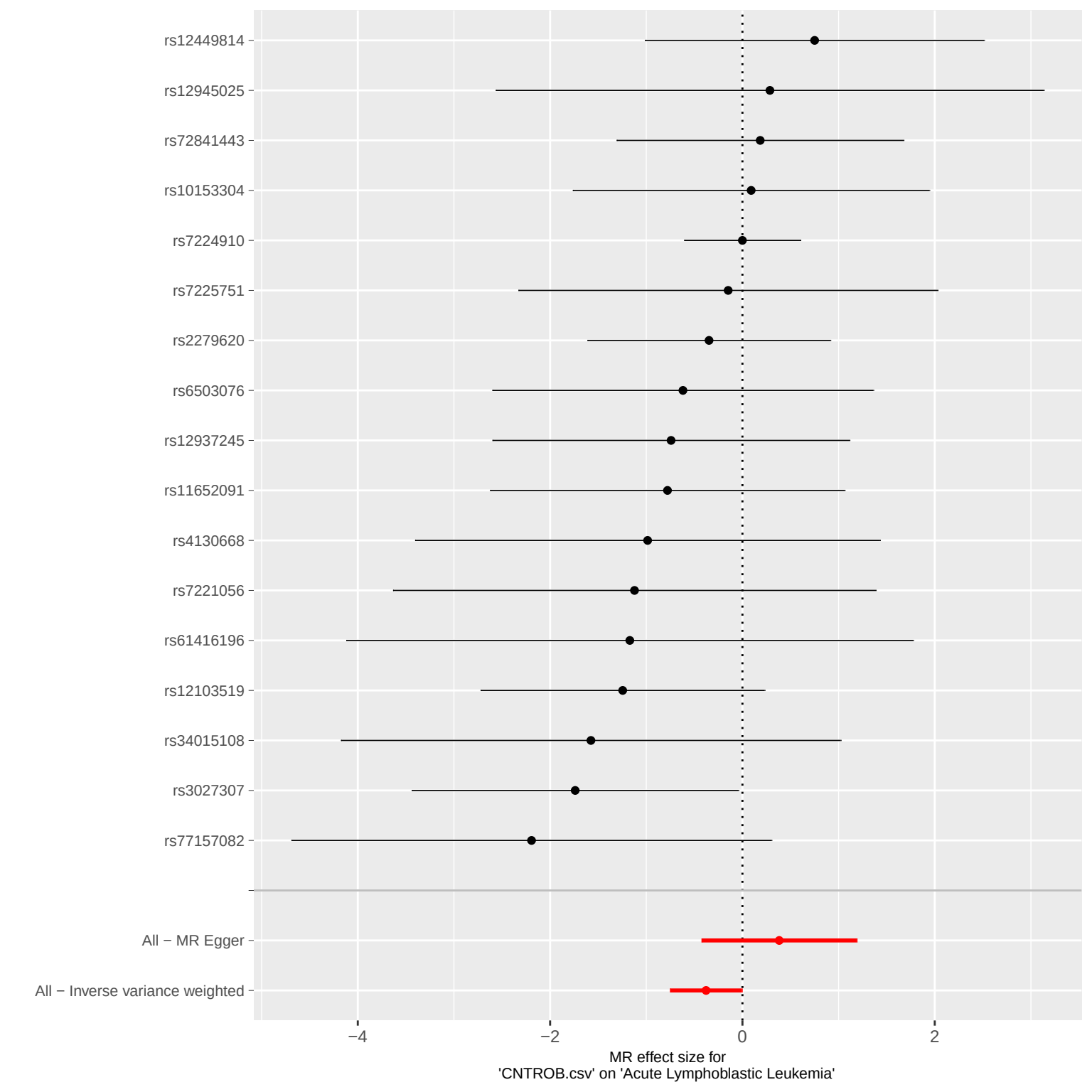
MR effect size for
'CNR1.csv' on 'Acute Lymphoblastic Leukemia'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rs61416196
rs12103519
rs34015108
rs3027307
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All − MR Egger
All − Inverse variance weighted
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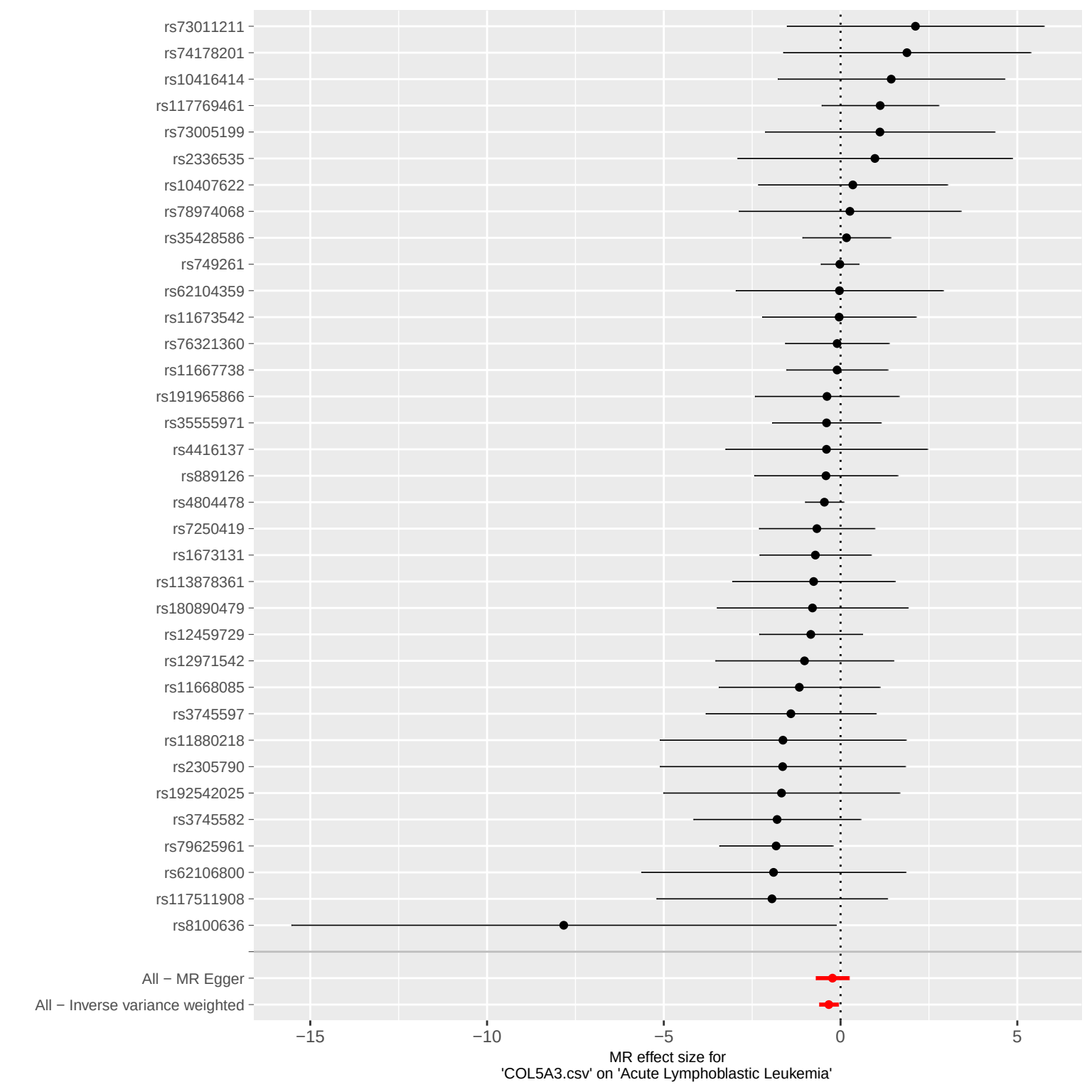
MR effect size for
'CNTROB.csv' on 'Acute Lymphoblastic Leukemia'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rs11668085
rs3745597
rs11880218
rs2305790
rs192542025
rs3745582
rs79625961
rs62106800
rs117511908
rs8100636
All − MR Egger
All − Inverse variance weighted
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−5
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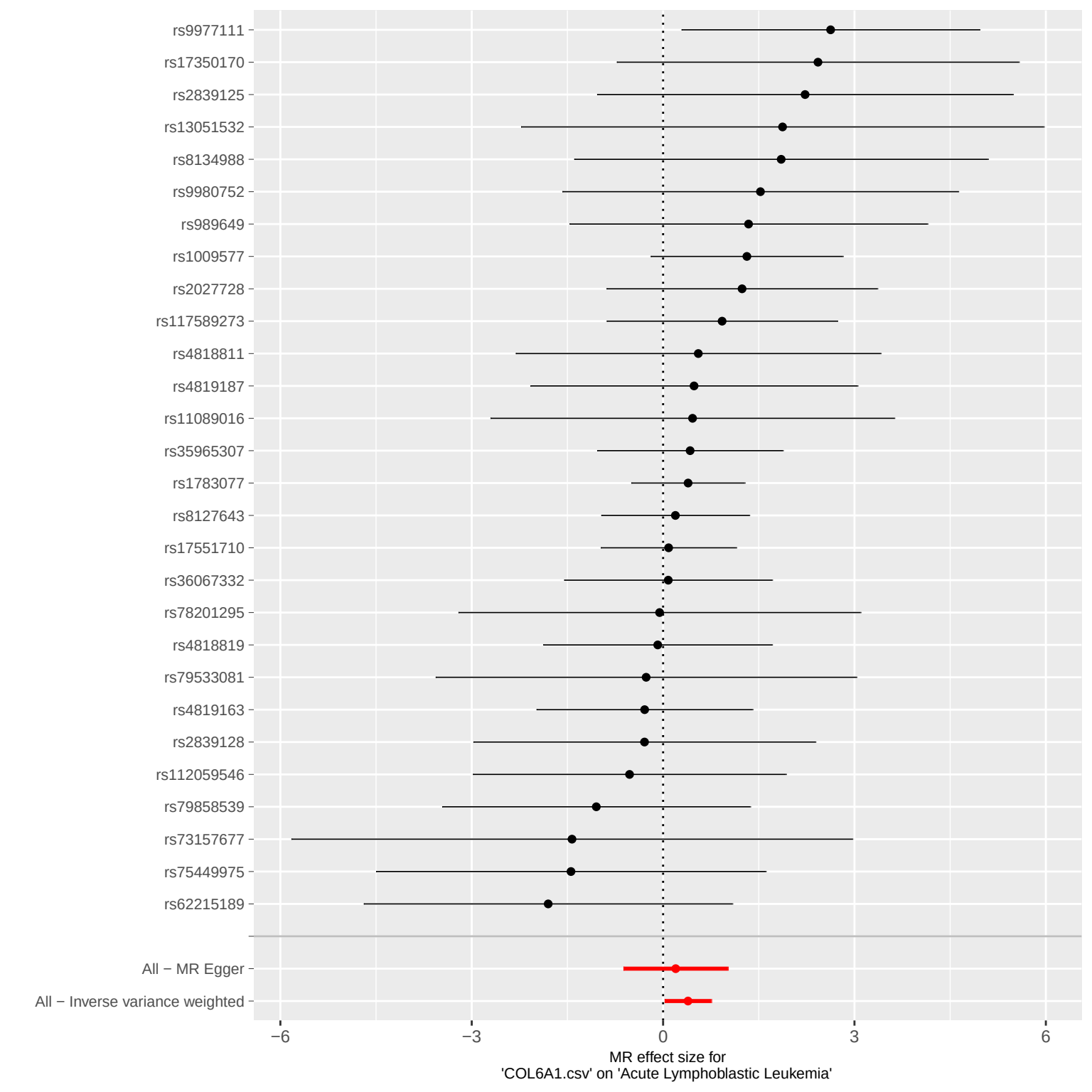
MR effect size for
'COL5A3.csv' on 'Acute Lymphoblastic Leukemia'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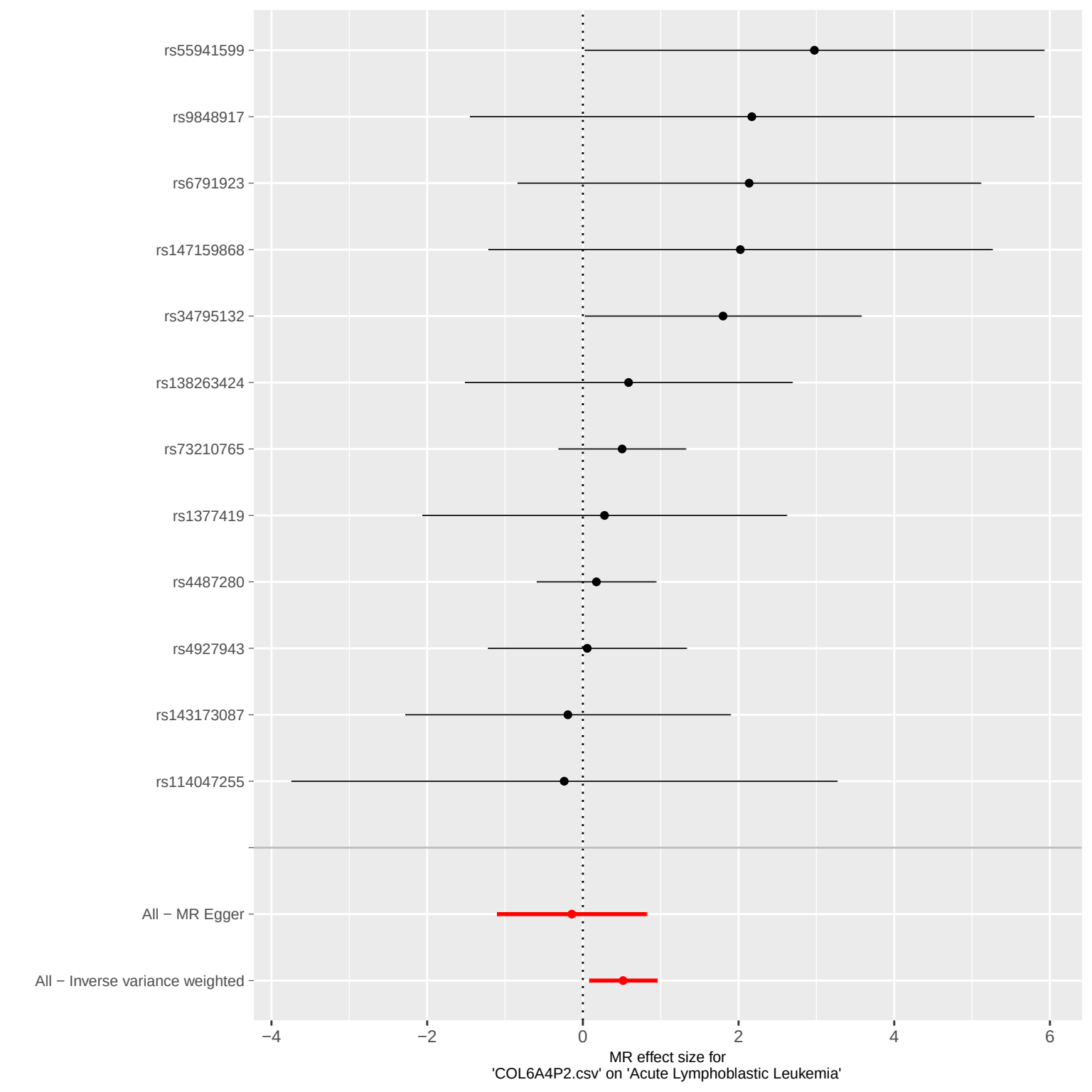
rs4819187
rs11089016
rs35965307
rs1783077
rs8127643
rs17551710
rs36067332
rs78201295
rs4818819
rs79533081
rs4819163
rs2839128
rs112059546
rs79858539
rs73157677
rs75449975
rs62215189
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'COL6A1.csv' on 'Acute Lymphoblastic Leukemia'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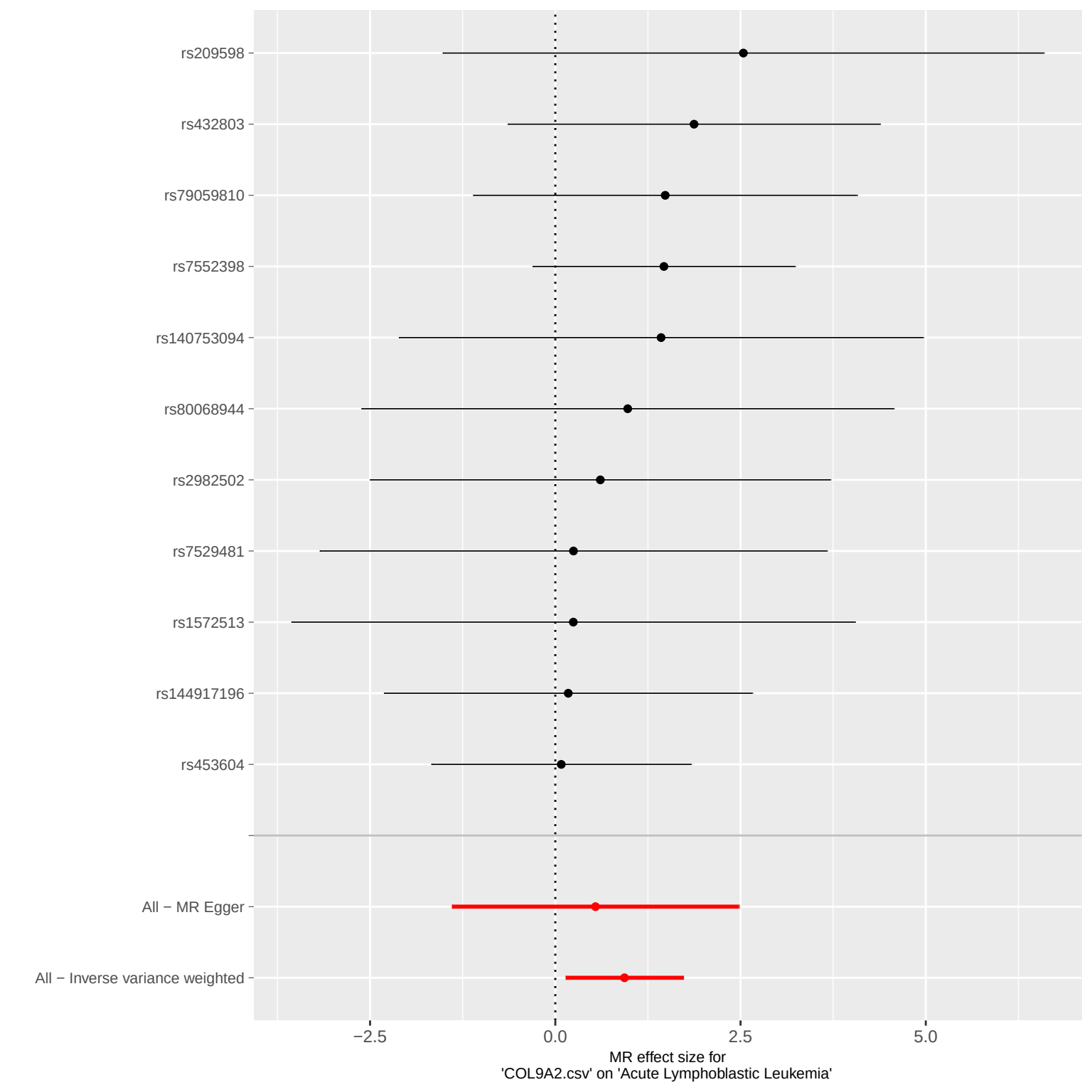
rs114047255
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'COL6A4P2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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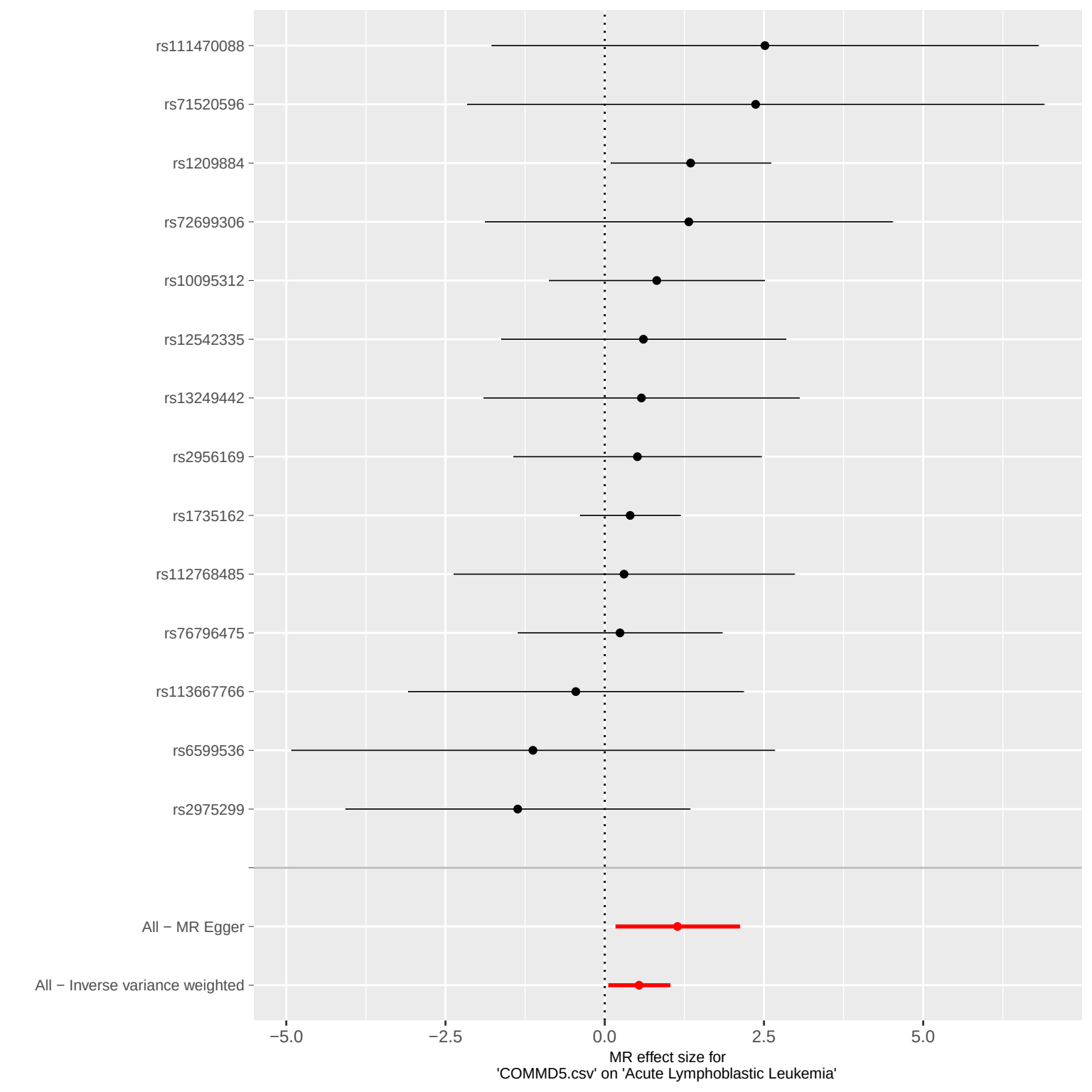
0.0
2.5
5.0
MR effect size for
'COL9A2.csv' on 'Acute Lymphoblastic Leukemia'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rs6599536
rs2975299
All − MR Egger
All − Inverse variance weighted
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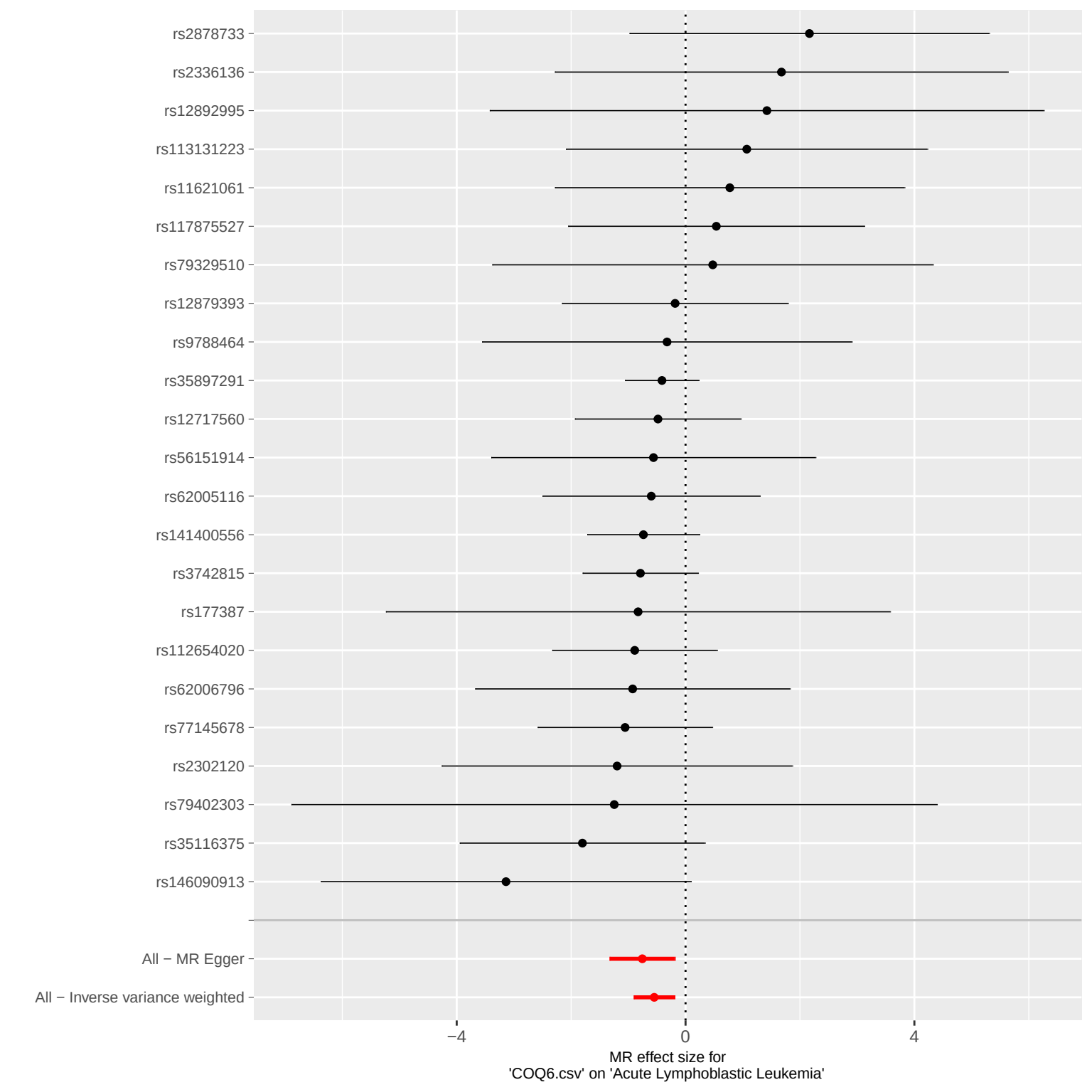
−2.5
0.0
2.5
5.0
MR effect size for
'COMMD5.csv' on 'Acute Lymphoblastic Leukemia'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rs62006796
rs77145678
rs2302120
rs79402303
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All − MR Egger
All − Inverse variance weighted
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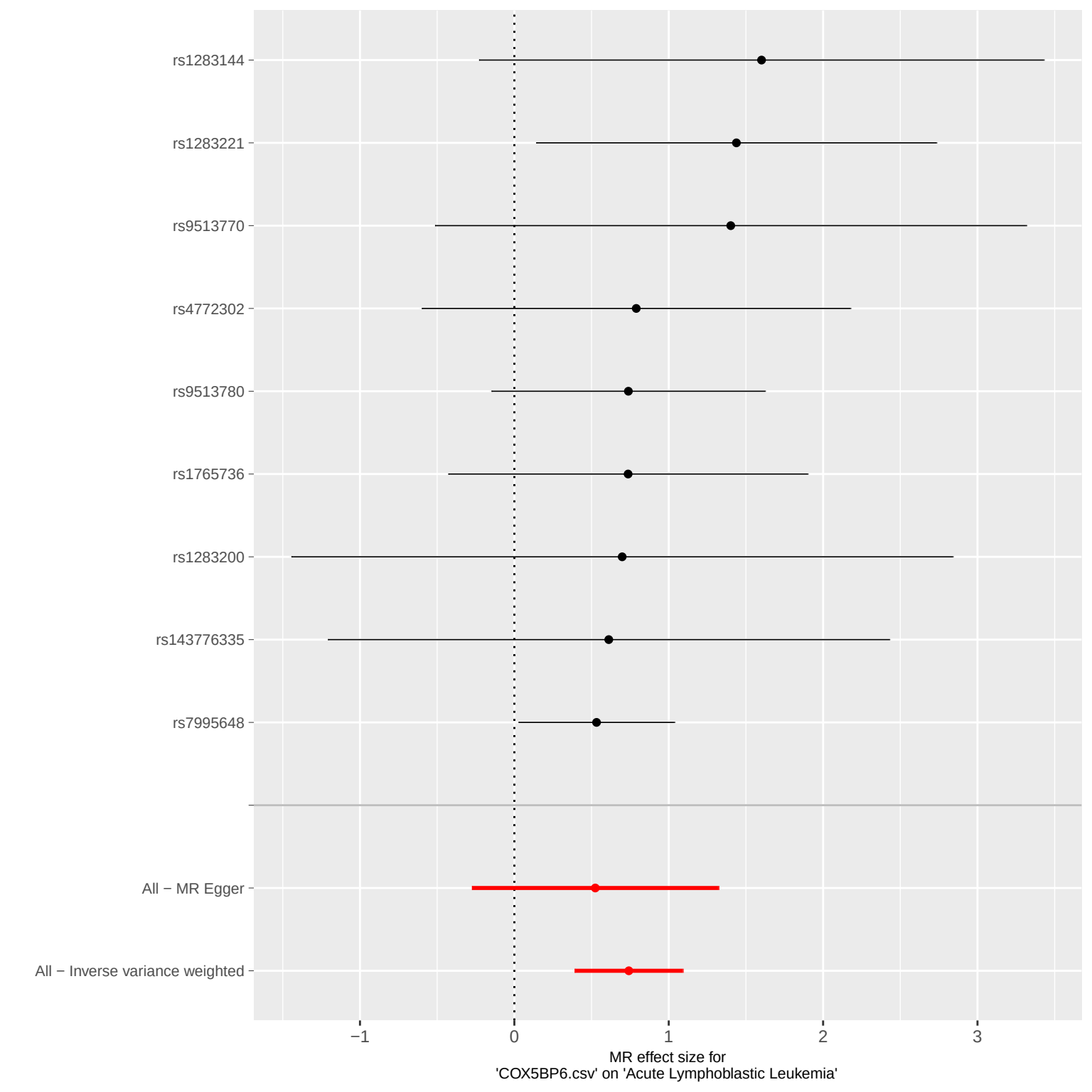
MR effect size for
'COQ6.csv' on 'Acute Lymphoblastic Leukemia'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rs1765736
rs1283200
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All − MR Egger
All − Inverse variance weighted
−1
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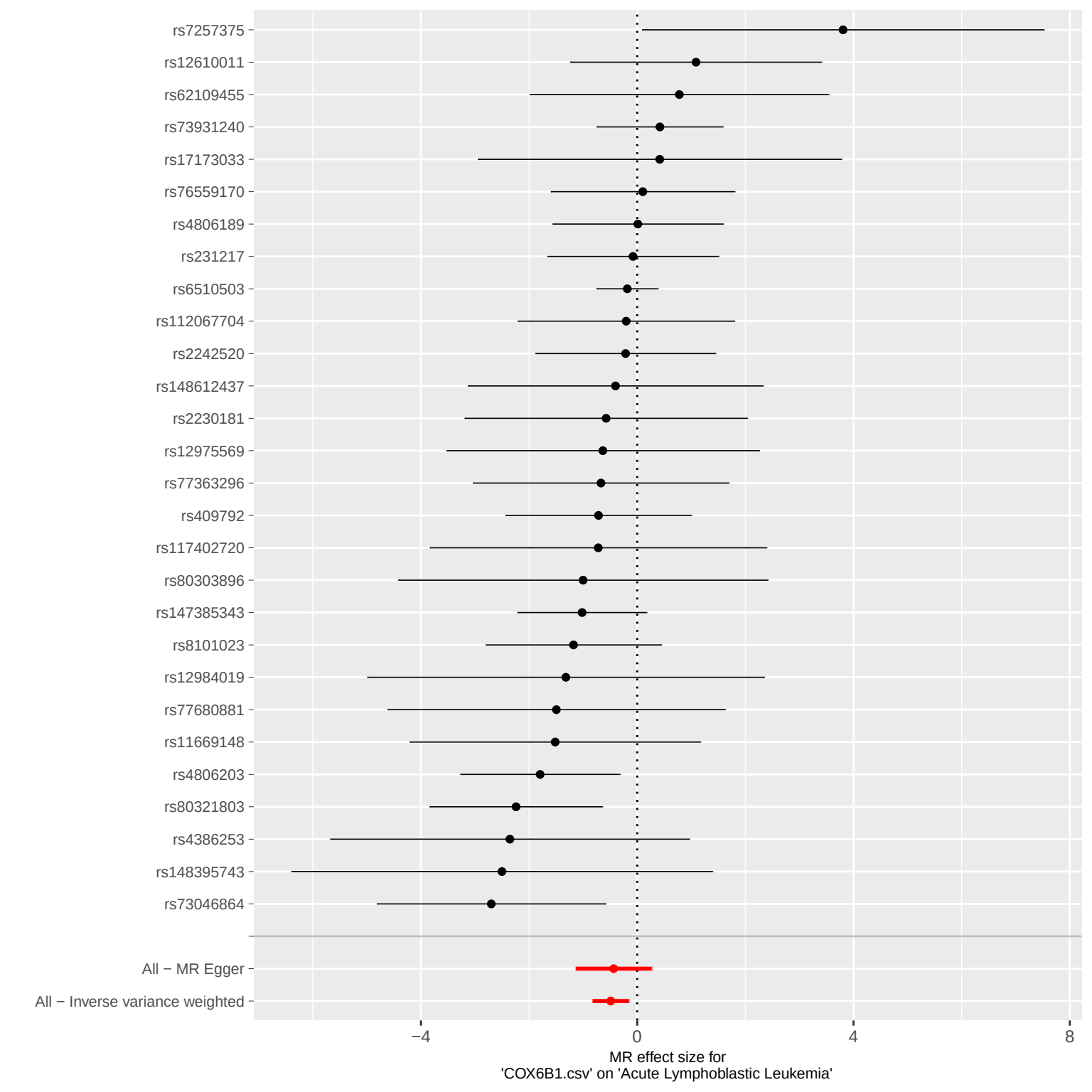
1
2
3
MR effect size for
'COX5BP6.csv' on 'Acute Lymphoblastic Leukemia'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rs77680881
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rs4386253
rs148395743
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All − MR Egger
All − Inverse variance weighted
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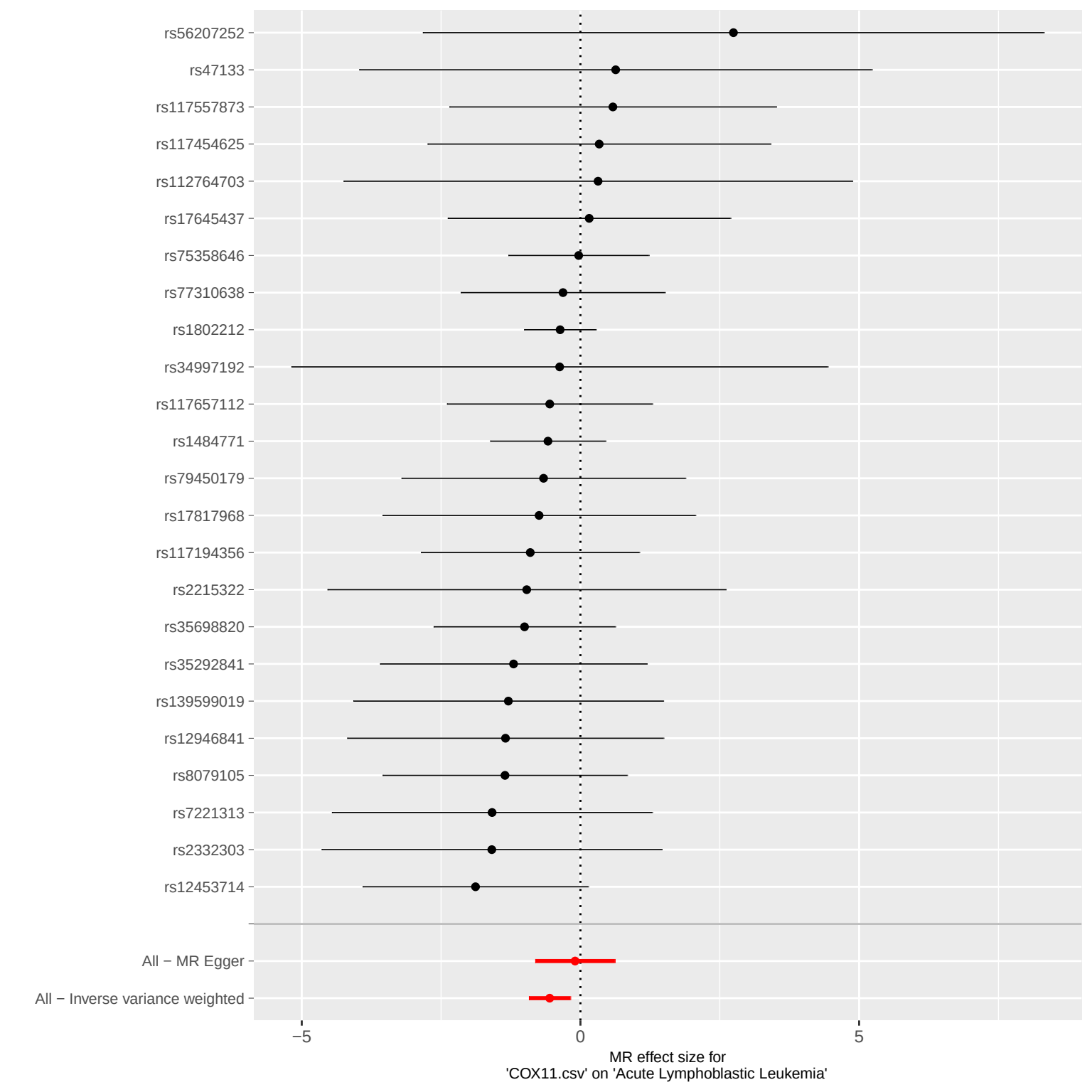
8
MR effect size for
'COX6B1.csv' on 'Acute Lymphoblastic Leukemia'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rs8079105
rs7221313
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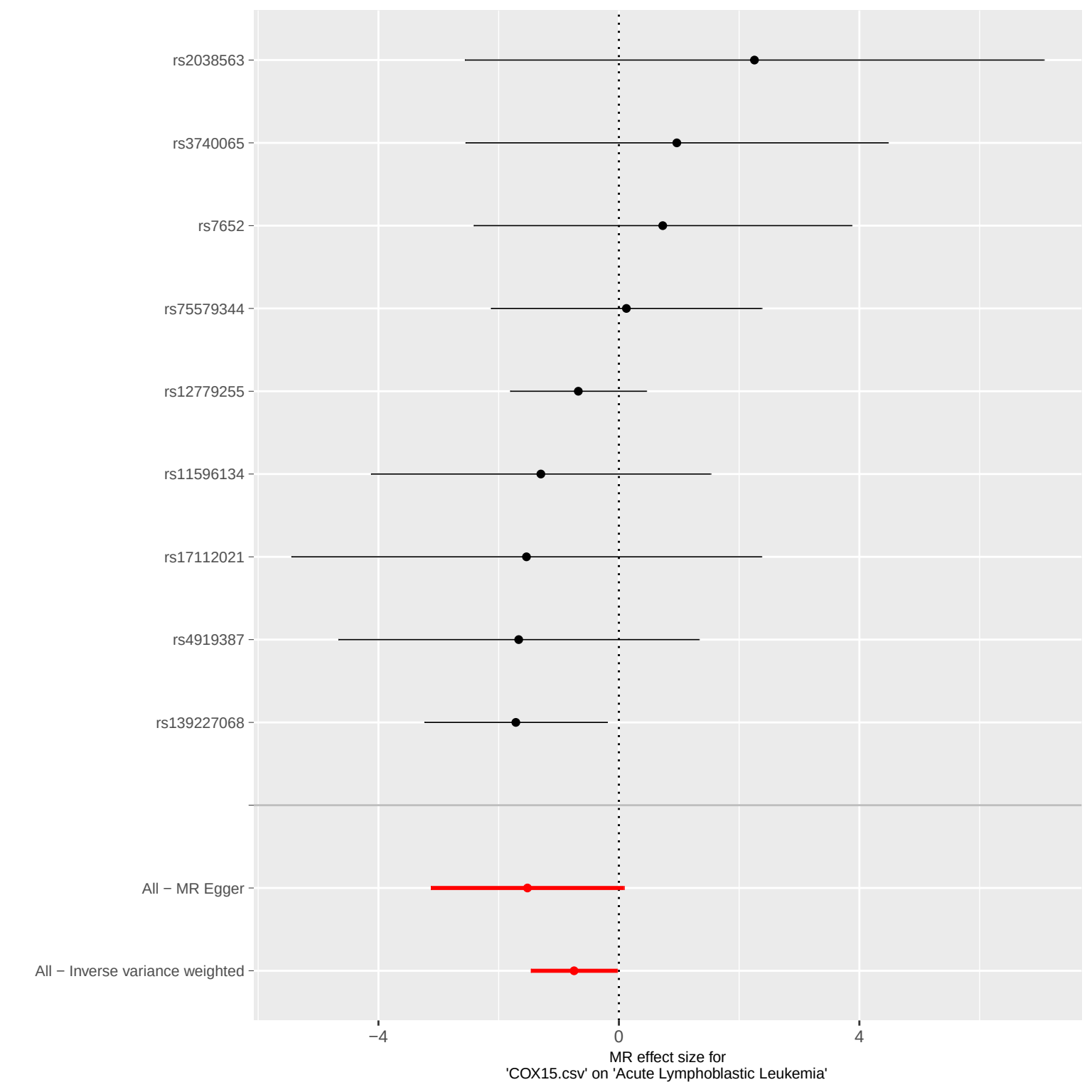
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'COX11.csv' on 'Acute Lymphoblastic Leukemia'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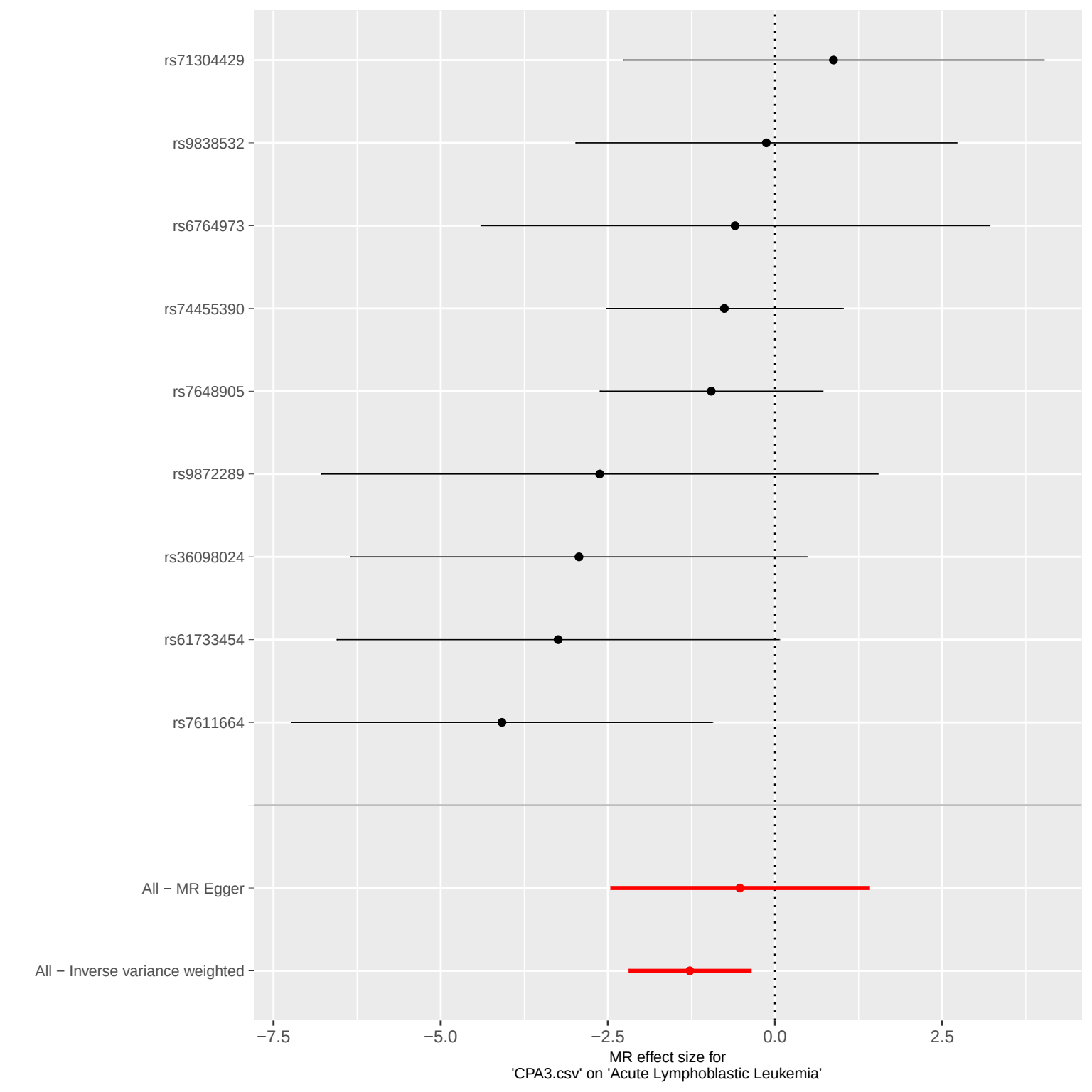
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'COX15.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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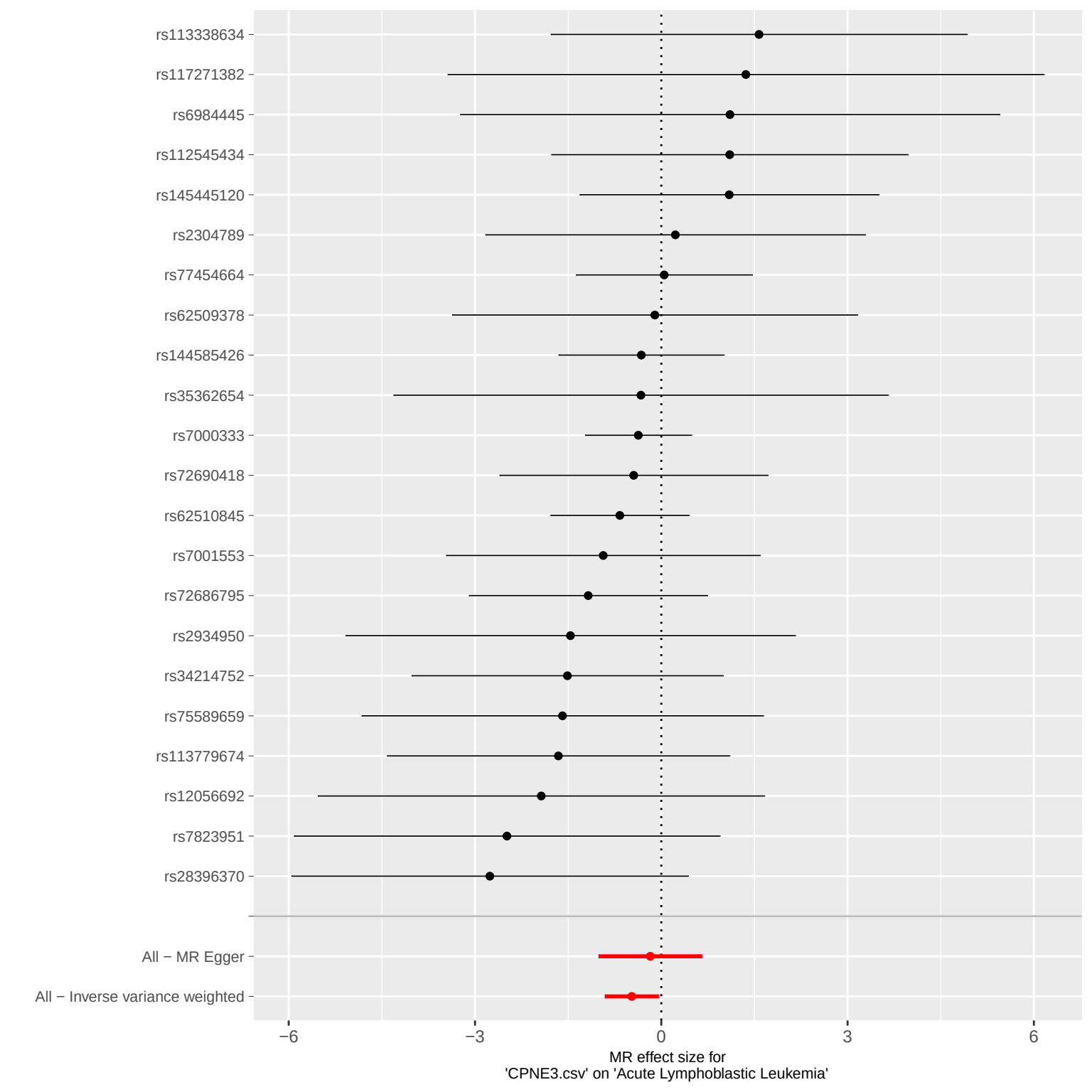
−2.5
0.0
2.5
MR effect size for
'CPA3.csv' on 'Acute Lymphoblastic Leukemia'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rs62510845
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rs7823951
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All − MR Egger
All − Inverse variance weighted
−6
−3
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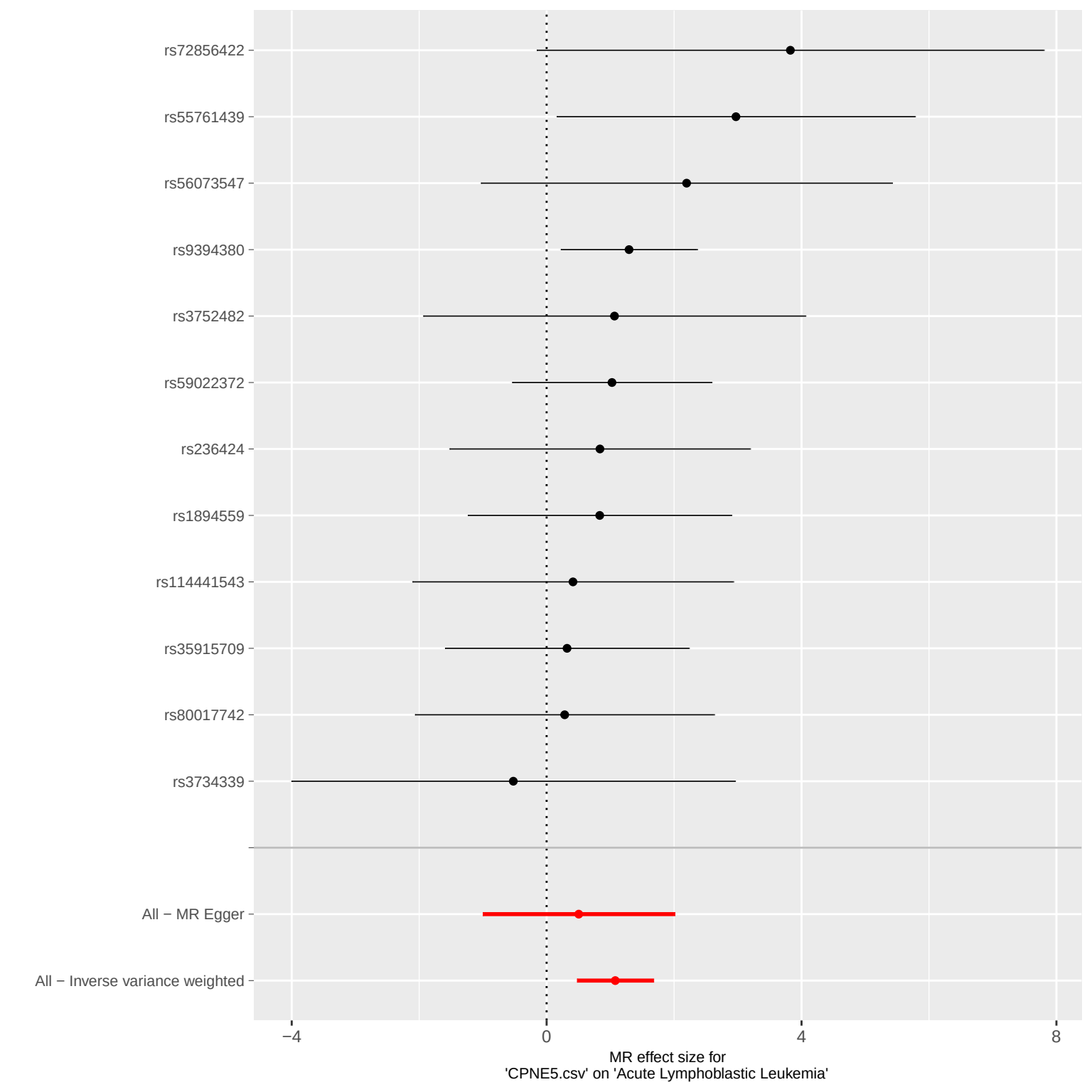
3
6
MR effect size for
'CPNE3.csv' on 'Acute Lymphoblastic Leukemia'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rs59022372
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rs80017742
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All − Inverse variance weighted
−4
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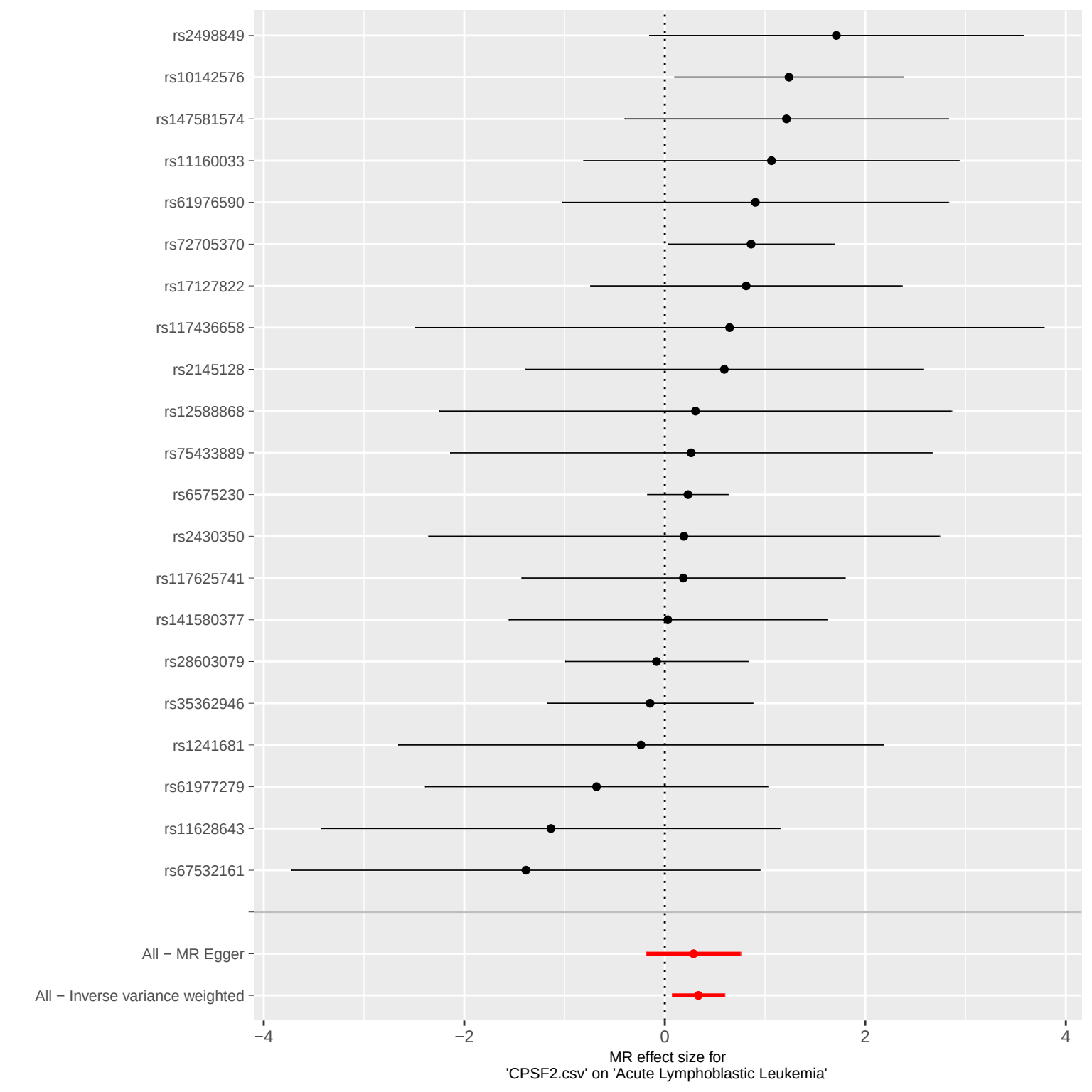
4
8
MR effect size for
'CPNE5.csv' on 'Acute Lymphoblastic Leukemia'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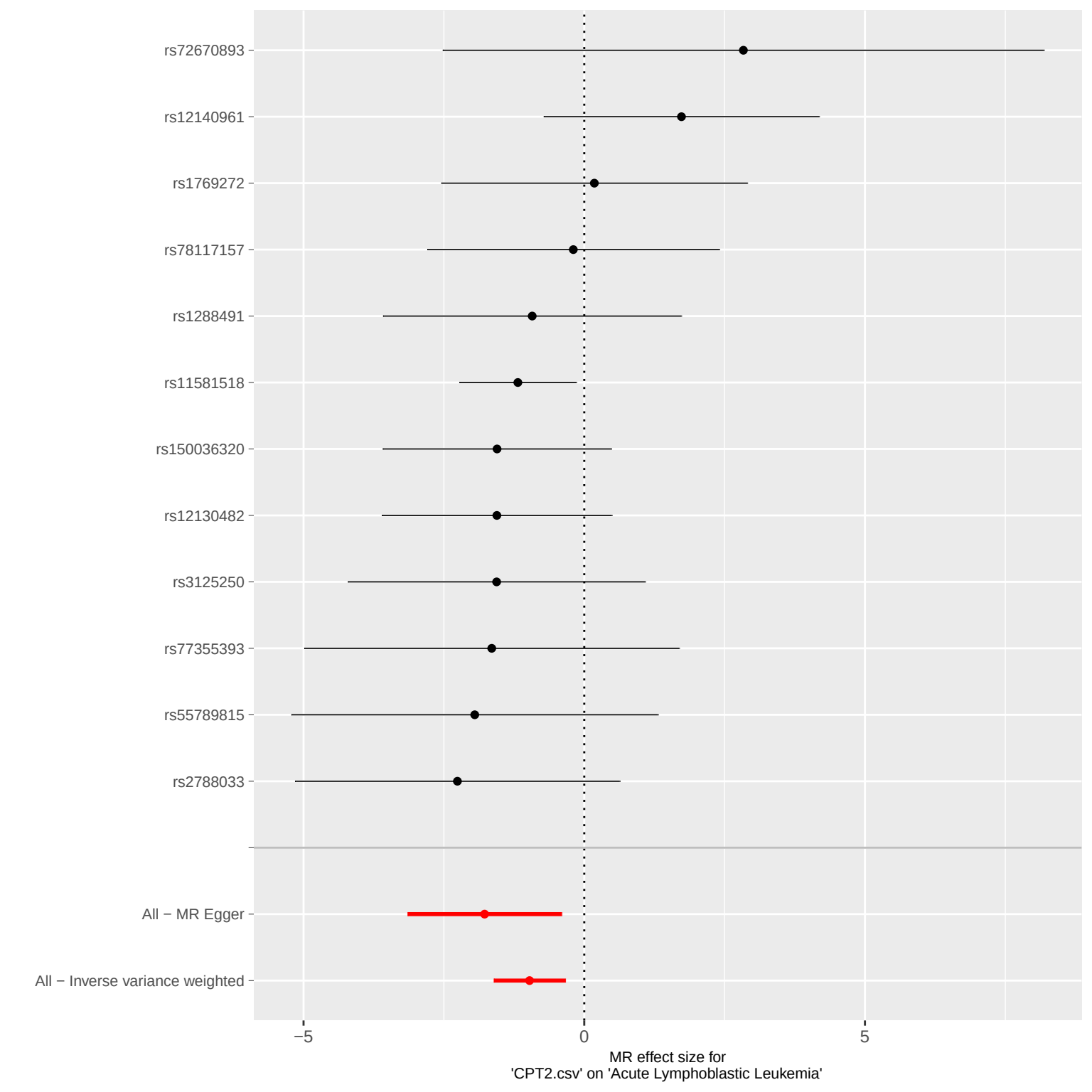
rs28603079
rs35362946
rs1241681
rs61977279
rs11628643
rs67532161
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CPSF2.csv' on 'Acute Lymphoblastic Leukemia'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rs150036320
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rs77355393
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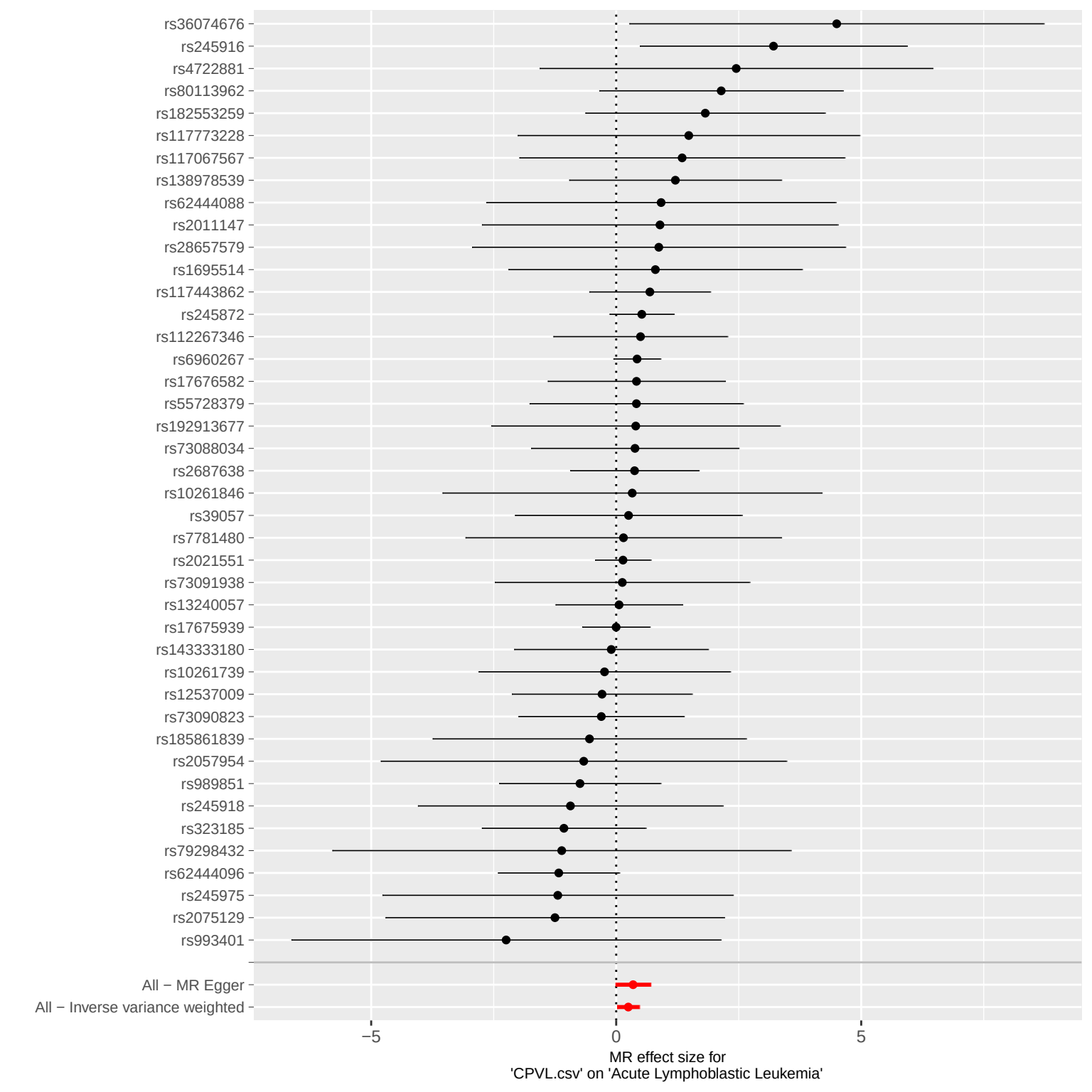
rs2788033
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CPT2.csv' on 'Acute Lymphoblastic Leukemia'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rs62444096
rs245975
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All − MR Egger
All − Inverse variance weighted
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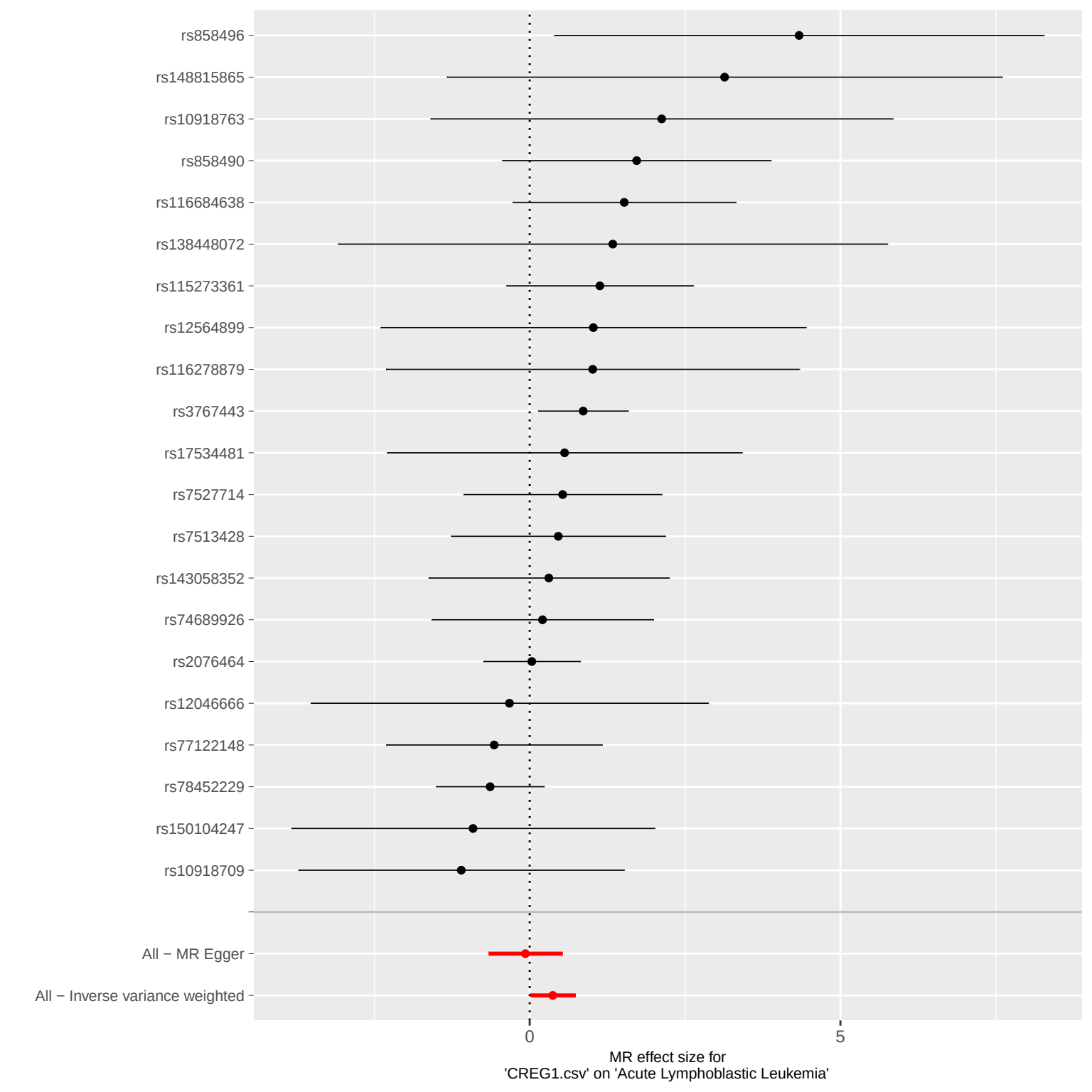
MR effect size for
'CPVL.csv' on 'Acute Lymphoblastic Leukemia'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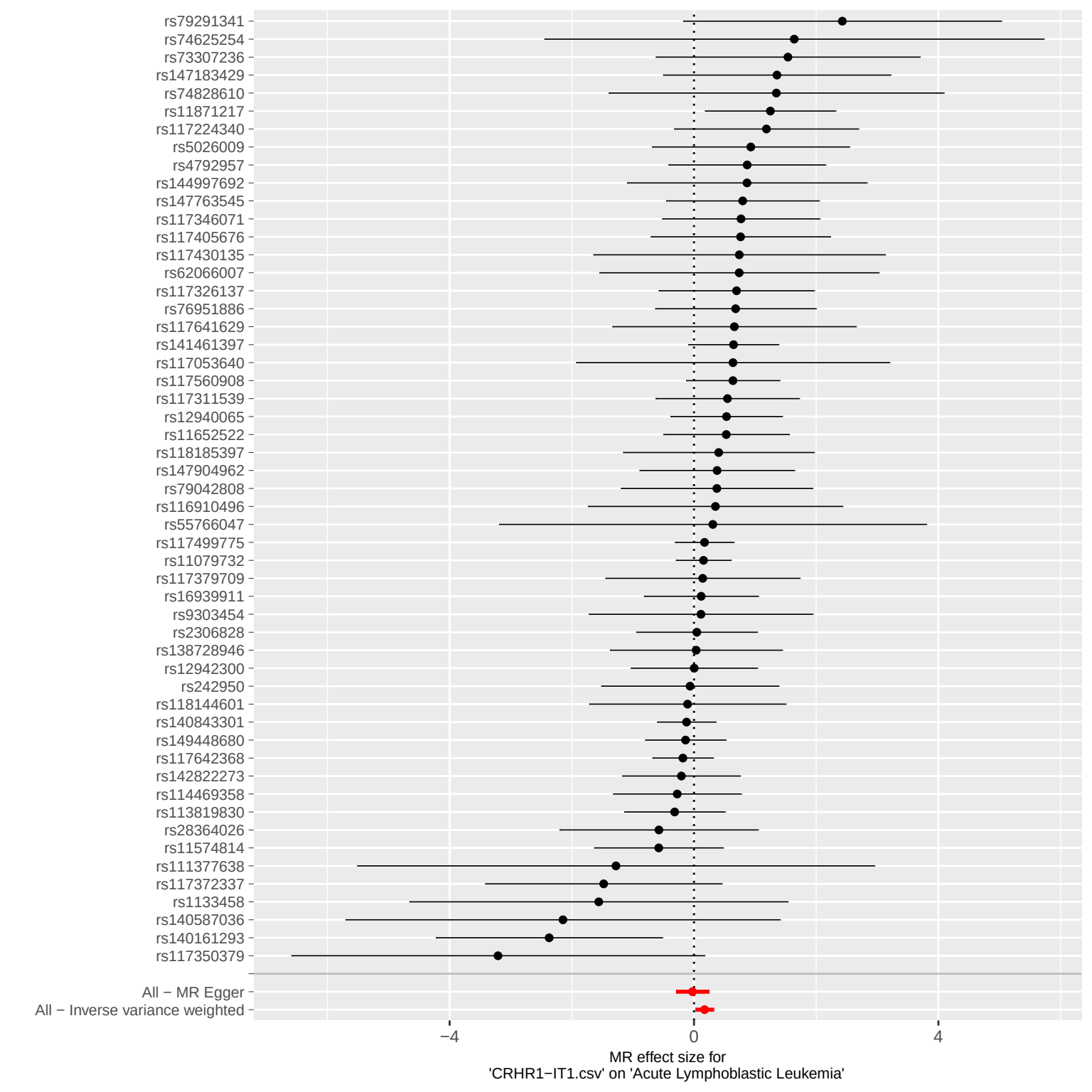
rs7513428
rs143058352
rs74689926
rs2076464
rs12046666
rs77122148
rs78452229
rs150104247
rs10918709
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'CREG1.csv' on 'Acute Lymphoblastic Leukemia'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rs111377638
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rs140587036
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All − MR Egger
All − Inverse variance weighted
−4
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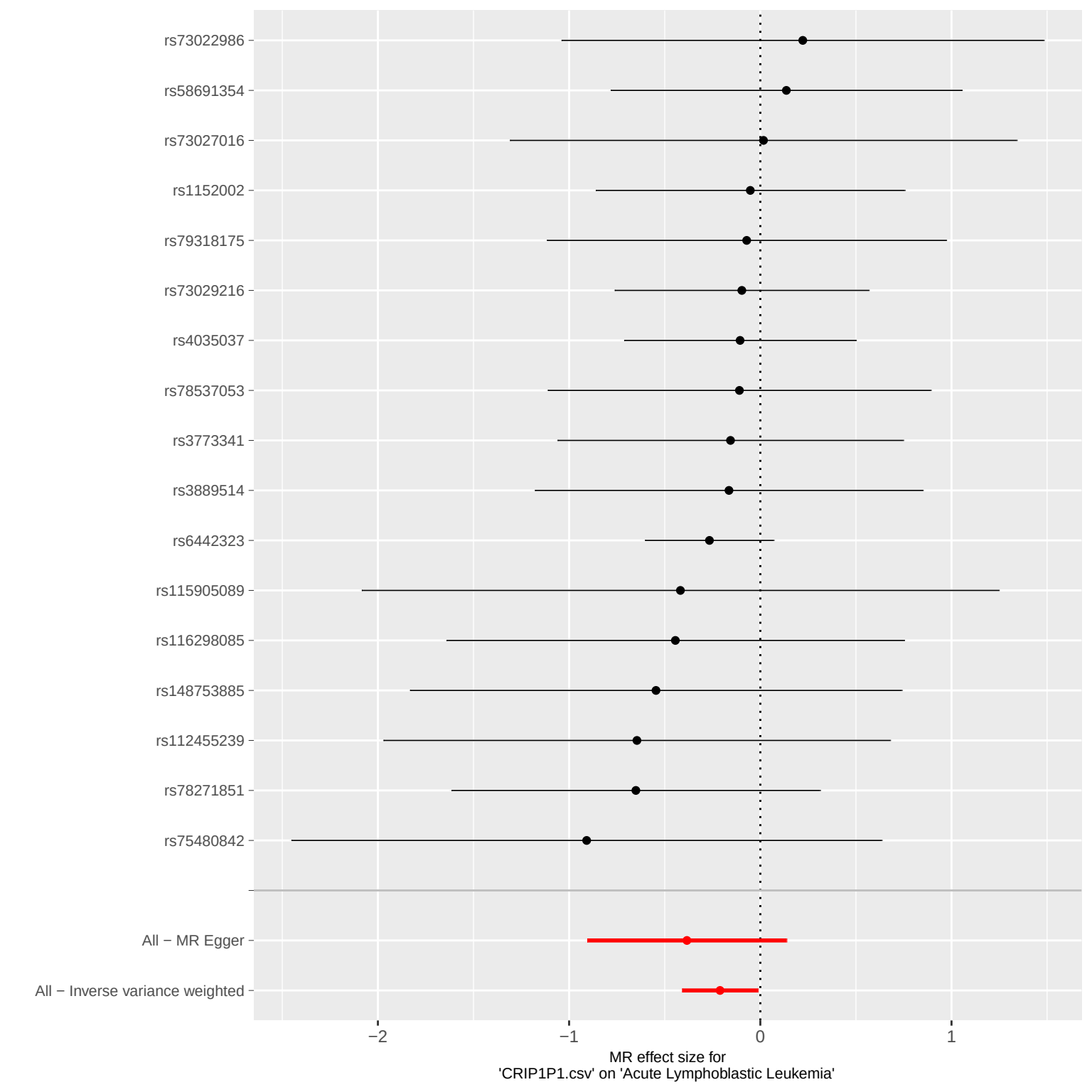
4
MR effect size for
'CRHR1−IT1.csv' on 'Acute Lymphoblastic Leukemia'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rs115905089
rs116298085
rs148753885
rs112455239
rs78271851
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All − MR Egger
All − Inverse variance weighted
−2
−1
0
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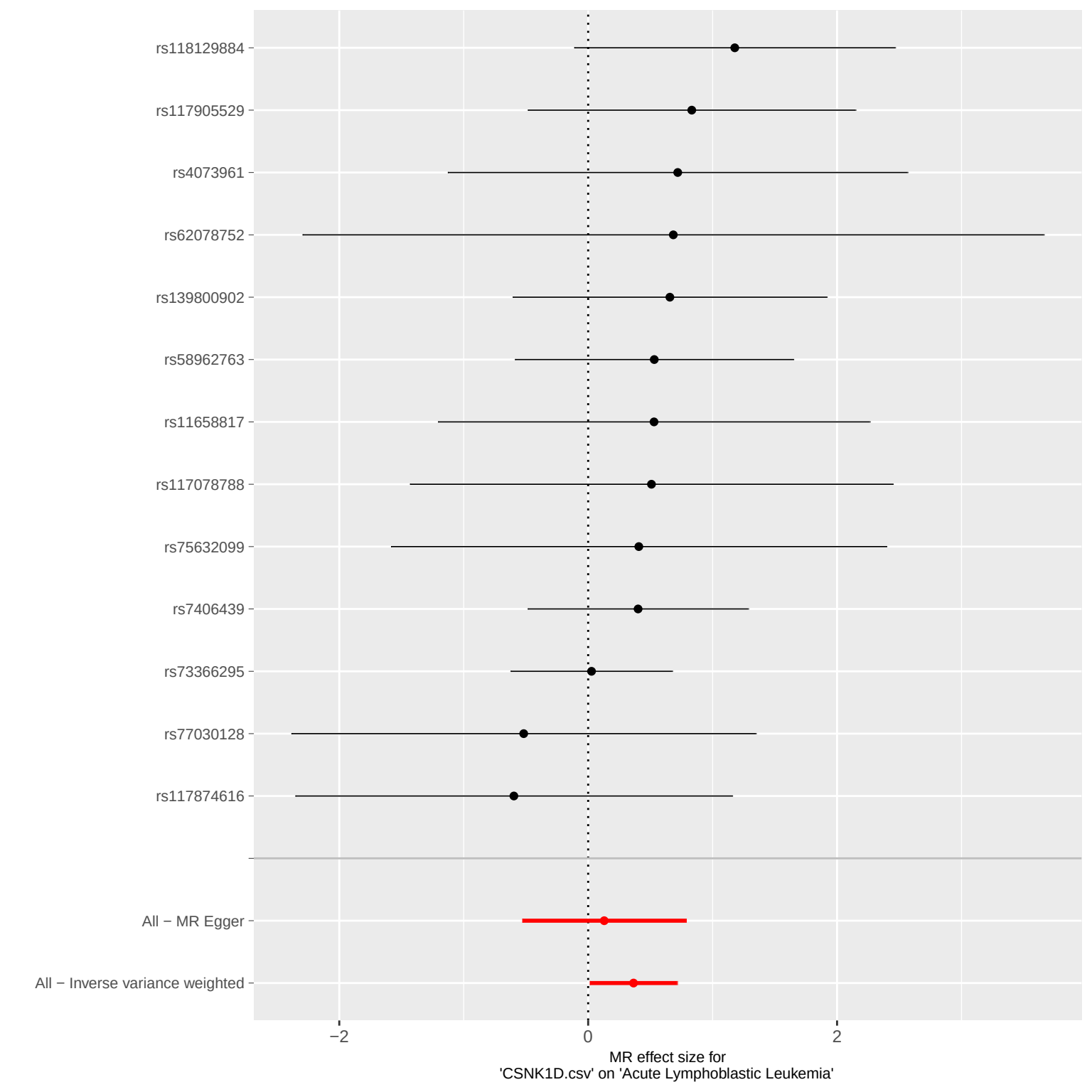
MR effect size for
'CRIP1P1.csv' on 'Acute Lymphoblastic Leukemia'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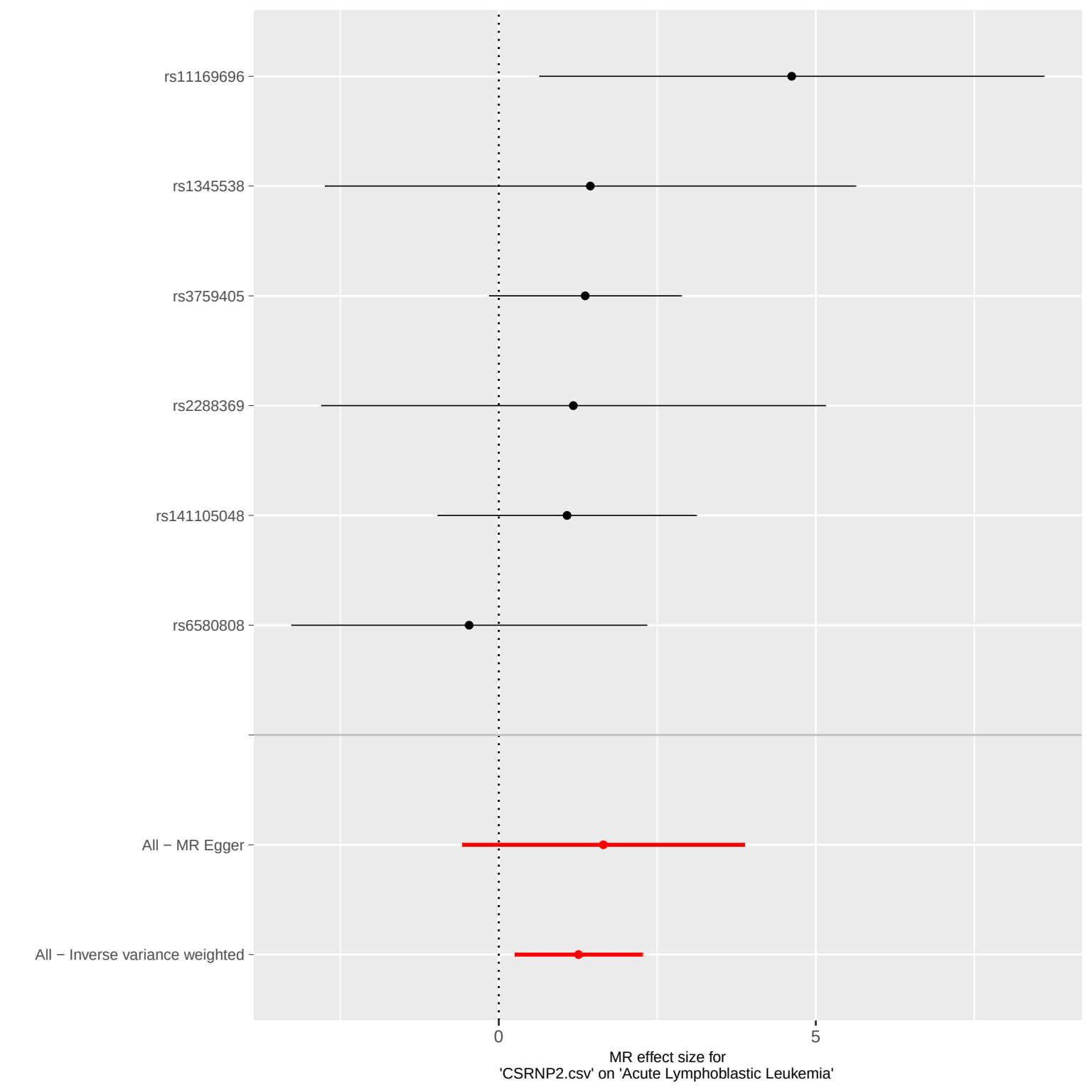
rs73366295
rs77030128
rs117874616
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CSNK1D.csv' on 'Acute Lymphoblastic Leukemia'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rs2288369
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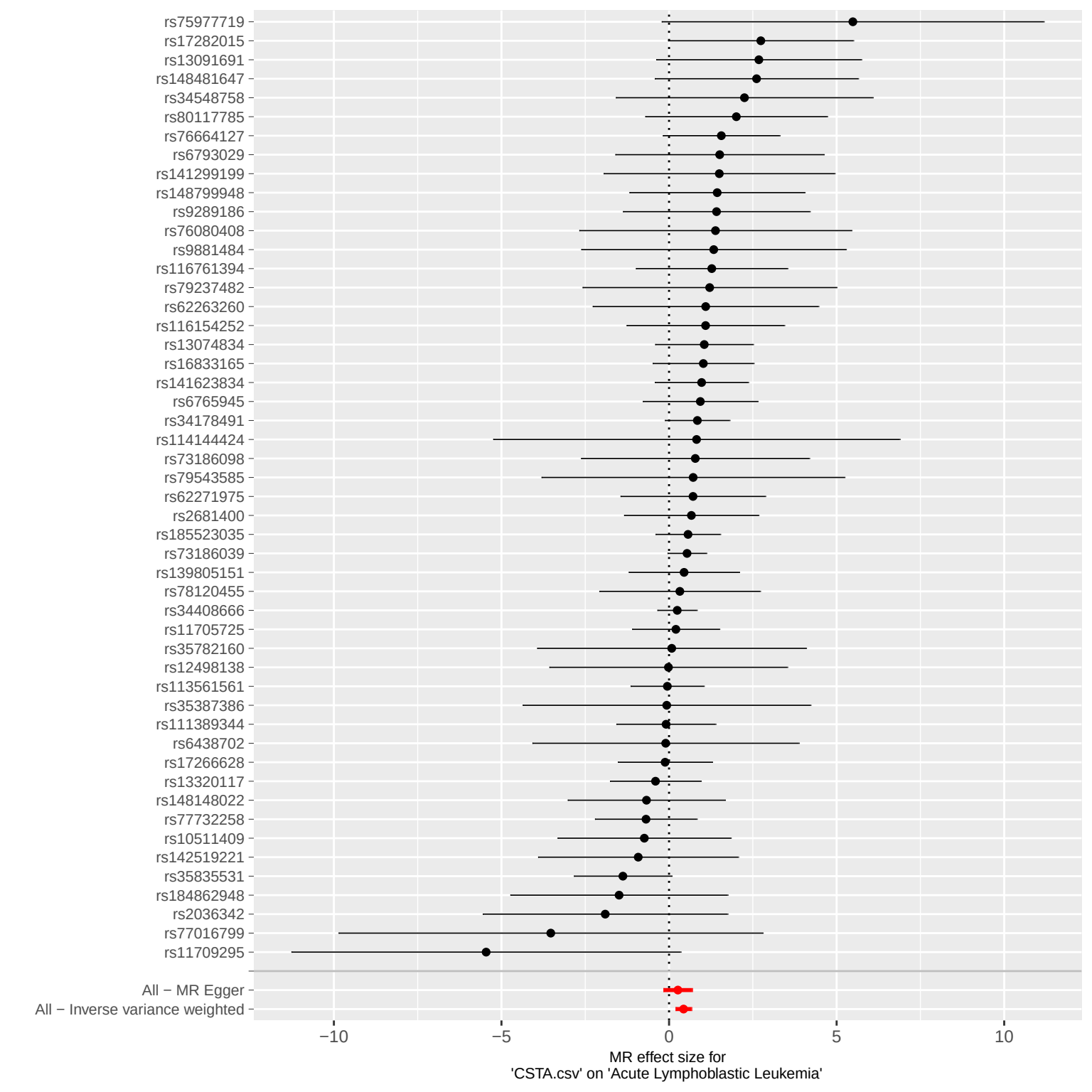
rs6580808
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'CSRNP2.csv' on 'Acute Lymphoblastic Leukemia'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rs35387386
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rs6438702
rs17266628
rs13320117
rs148148022
rs77732258
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rs142519221
rs35835531
rs184862948
rs2036342
rs77016799
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All − MR Egger
All − Inverse variance weighted
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−5
0
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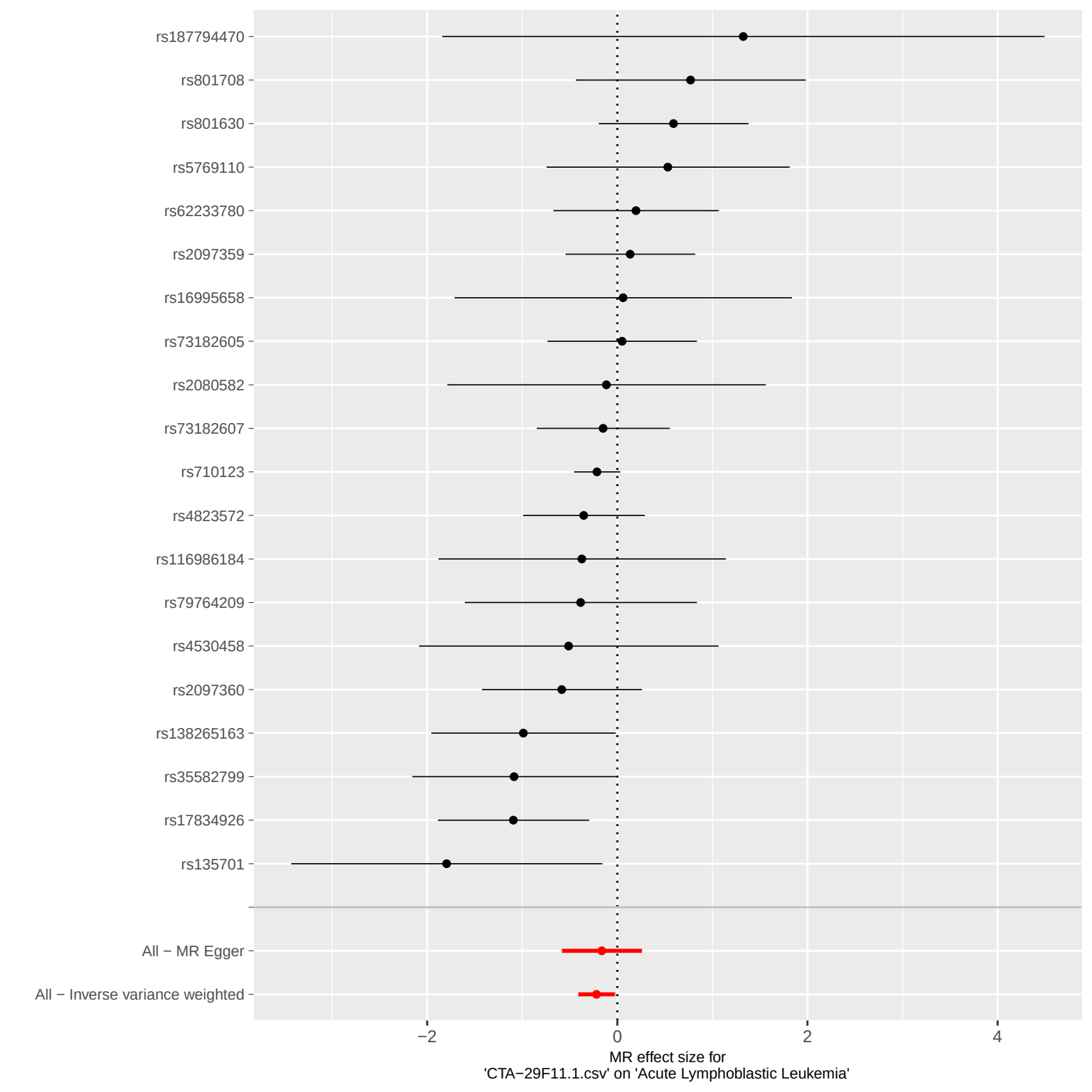
MR effect size for
'CSTA.csv' on 'Acute Lymphoblastic Leukemia'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rs4823572
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rs79764209
rs4530458
rs2097360
rs138265163
rs35582799
rs17834926
rs135701
All − MR Egger
All − Inverse variance weighted
−2
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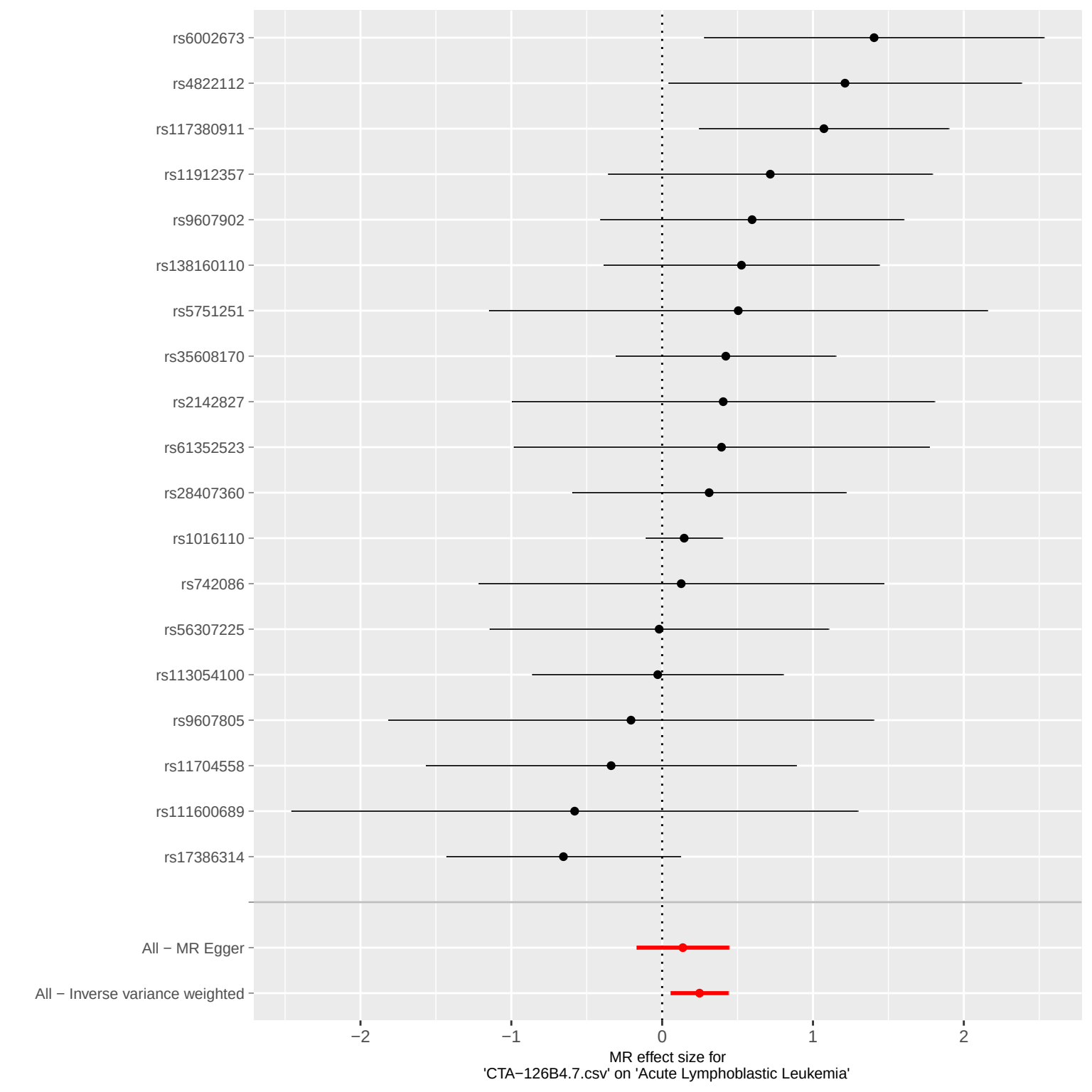
2
4
MR effect size for
'CTA−29F11.1.csv' on 'Acute Lymphoblastic Leukemia'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rs1016110
rs742086
rs56307225
rs113054100
rs9607805
rs11704558
rs111600689
rs17386314
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
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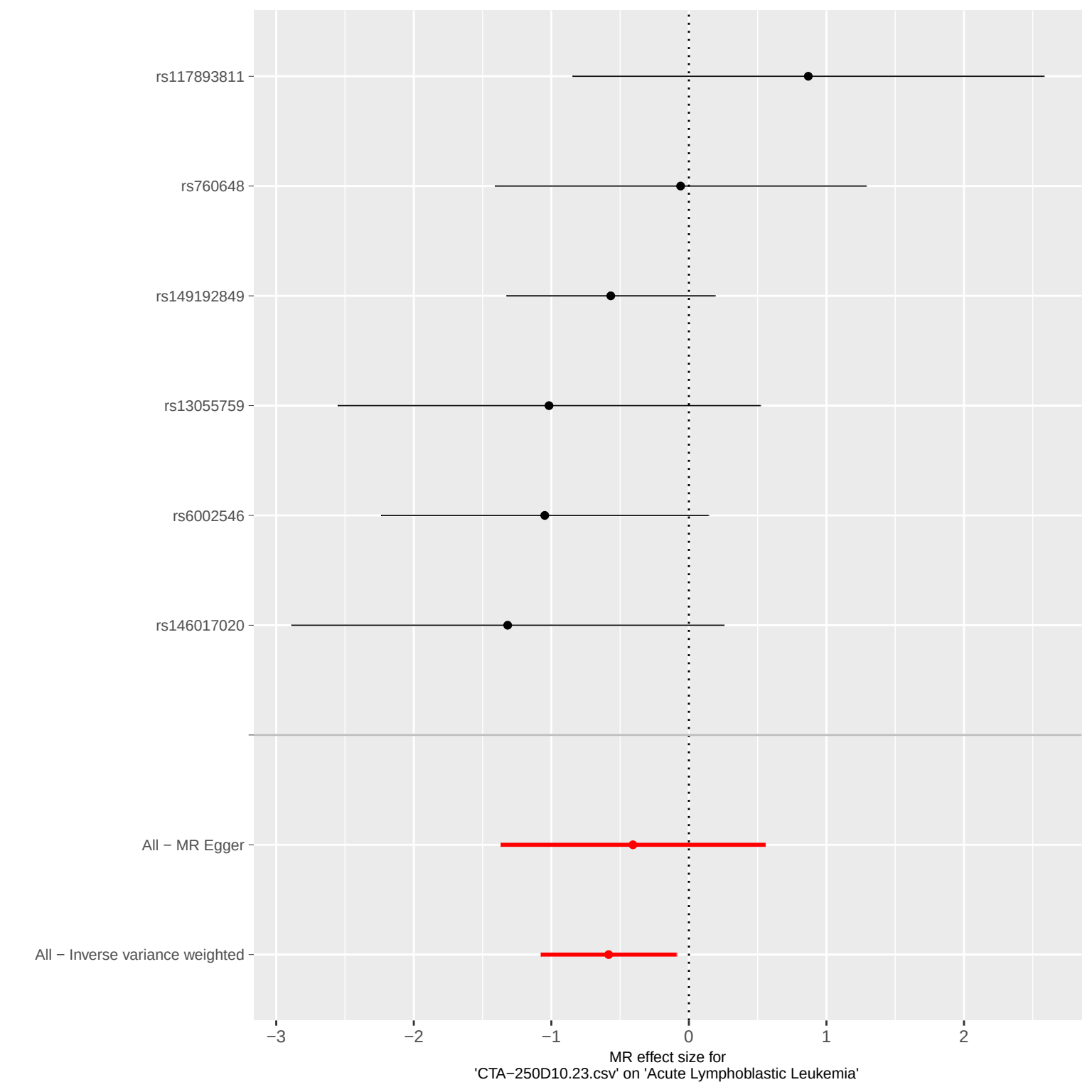
MR effect size for
'CTA−126B4.7.csv' on 'Acute Lymphoblastic Leukemia'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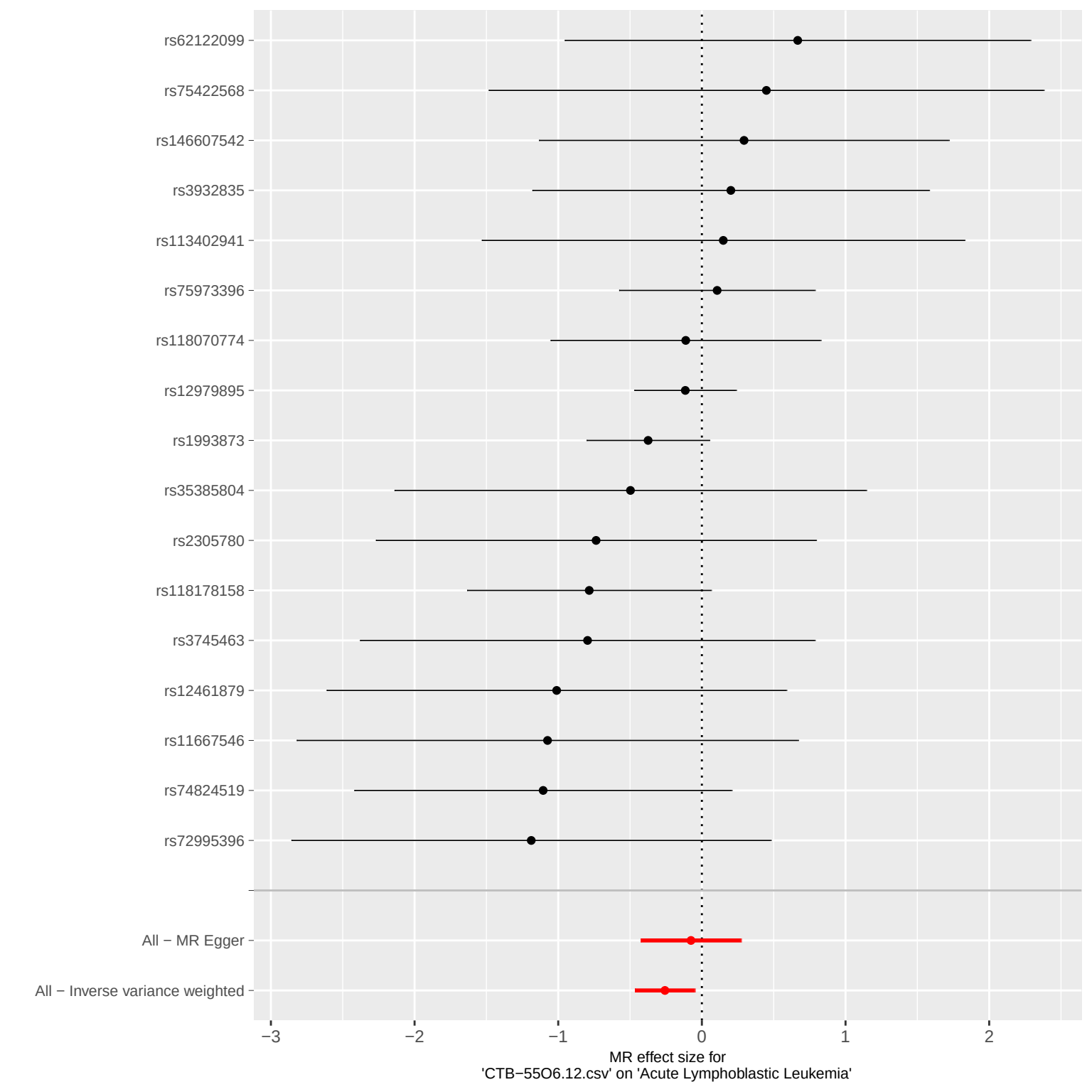
rs6002546
rs146017020
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'CTA−250D10.23.csv' on 'Acute Lymphoblastic Leukemia'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rs2305780
rs118178158
rs3745463
rs12461879
rs11667546
rs74824519
rs72995396
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
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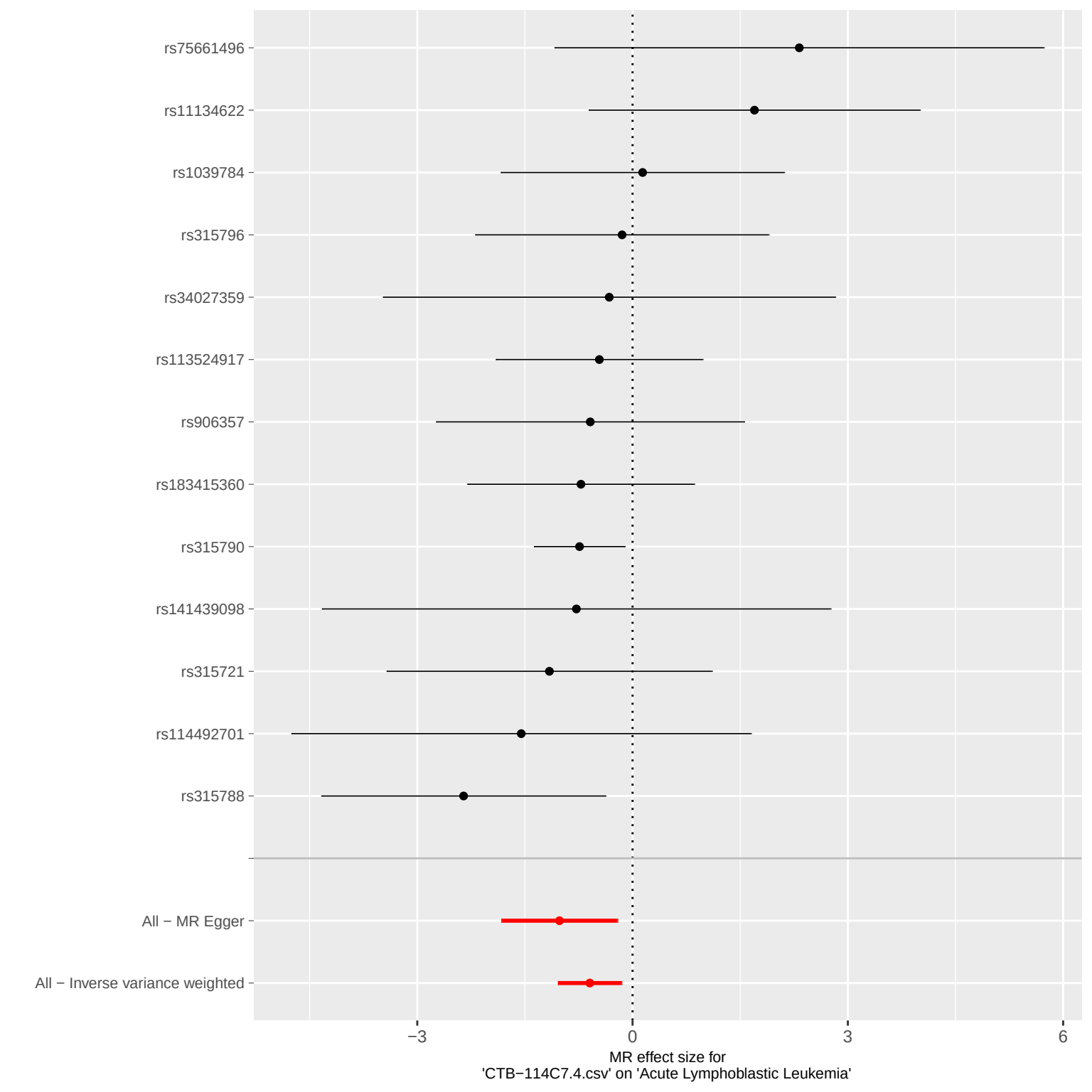
MR effect size for
'CTB−55O6.12.csv' on 'Acute Lymphoblastic Leukemia'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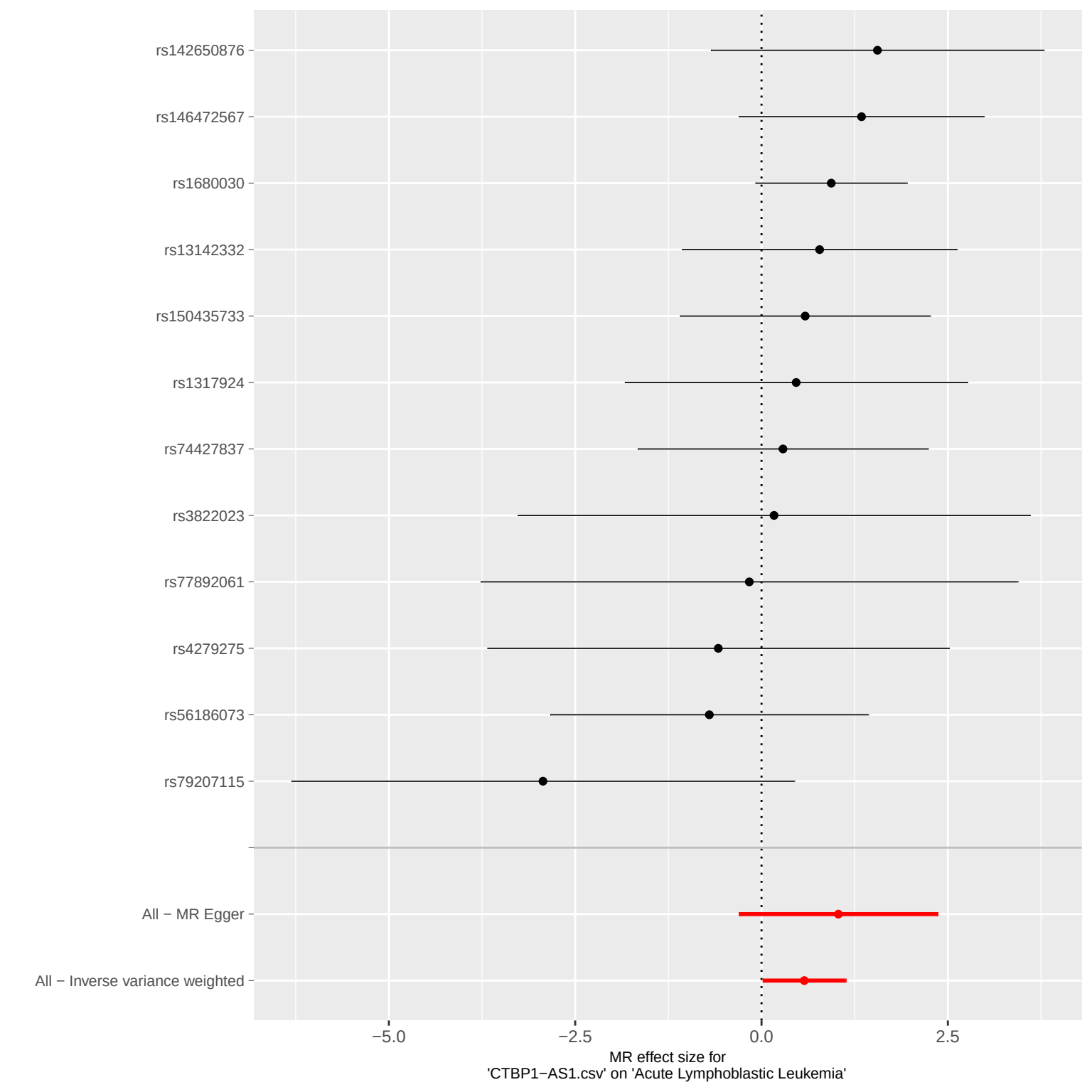
rs183415360
rs315790
rs141439098
rs315721
rs114492701
rs315788
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'CTB−114C7.4.csv' on 'Acute Lymphoblastic Leukemia'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rs1317924
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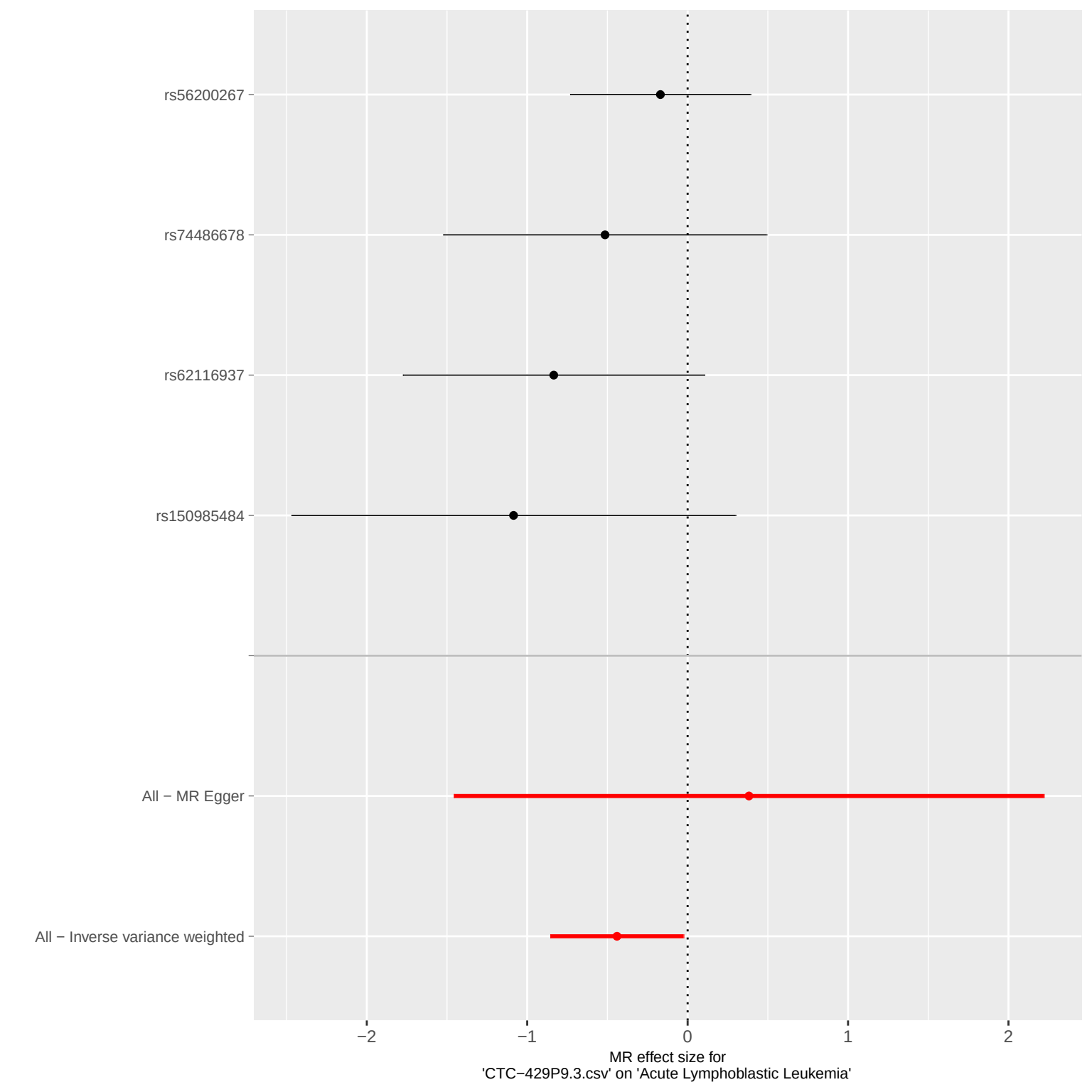
rs4279275
rs56186073
rs79207115
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CTBP1−AS1.csv' on 'Acute Lymphoblastic Leukemia'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rs62116937
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All − Inverse variance weighted
−2
−1
0
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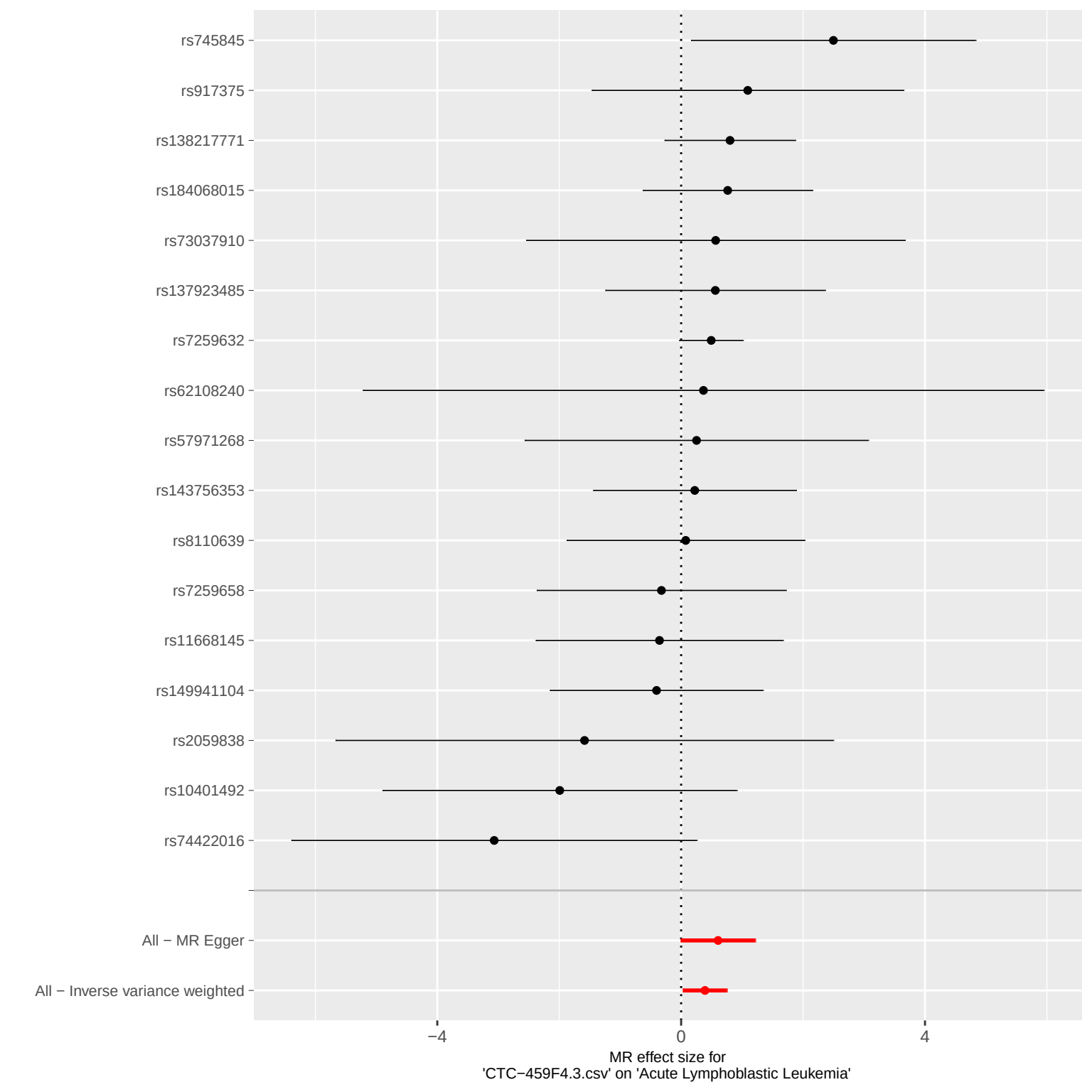
MR effect size for
'CTC−429P9.3.csv' on 'Acute Lymphoblastic Leukemia'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rs11668145
rs149941104
rs2059838
rs10401492
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All − Inverse variance weighted
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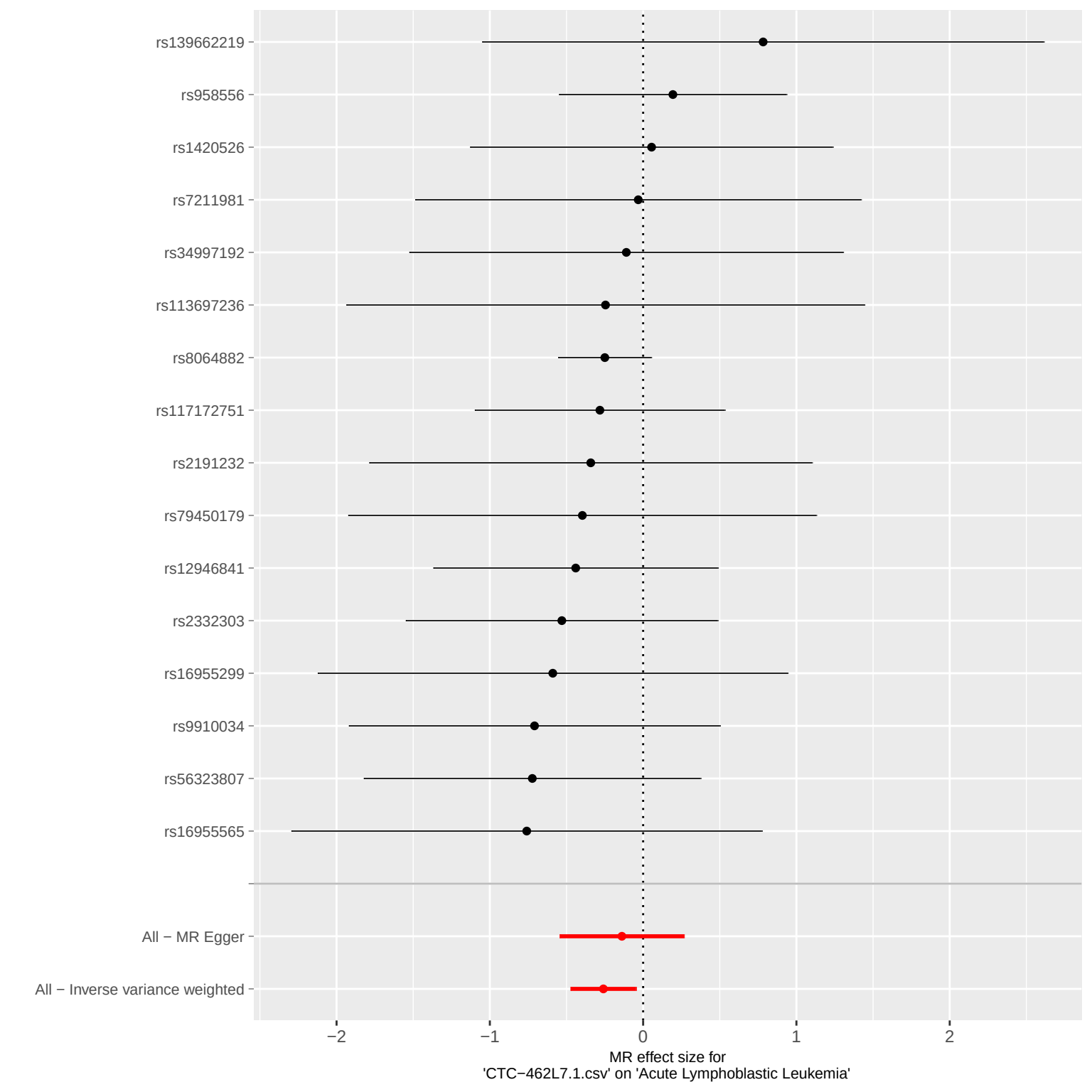
MR effect size for
'CTC−459F4.3.csv' on 'Acute Lymphoblastic Leukemia'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rs16955299
rs9910034
rs56323807
rs16955565
All − MR Egger
All − Inverse variance weighted
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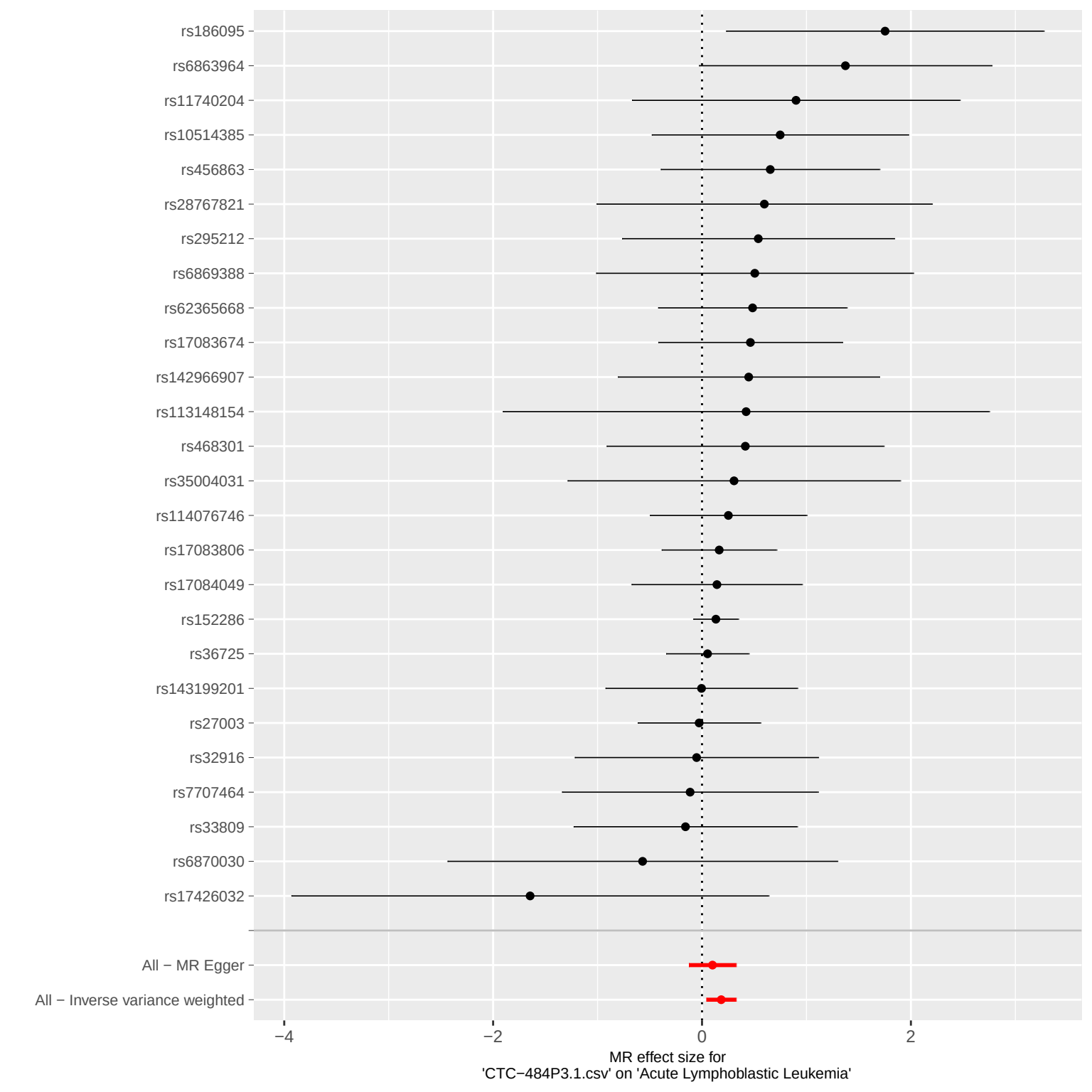
−1
0
1
2
MR effect size for
'CTC−462L7.1.csv' on 'Acute Lymphoblastic Leukemia'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rs36725
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rs27003
rs32916
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rs33809
rs6870030
rs17426032
All − MR Egger
All − Inverse variance weighted
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−2
0
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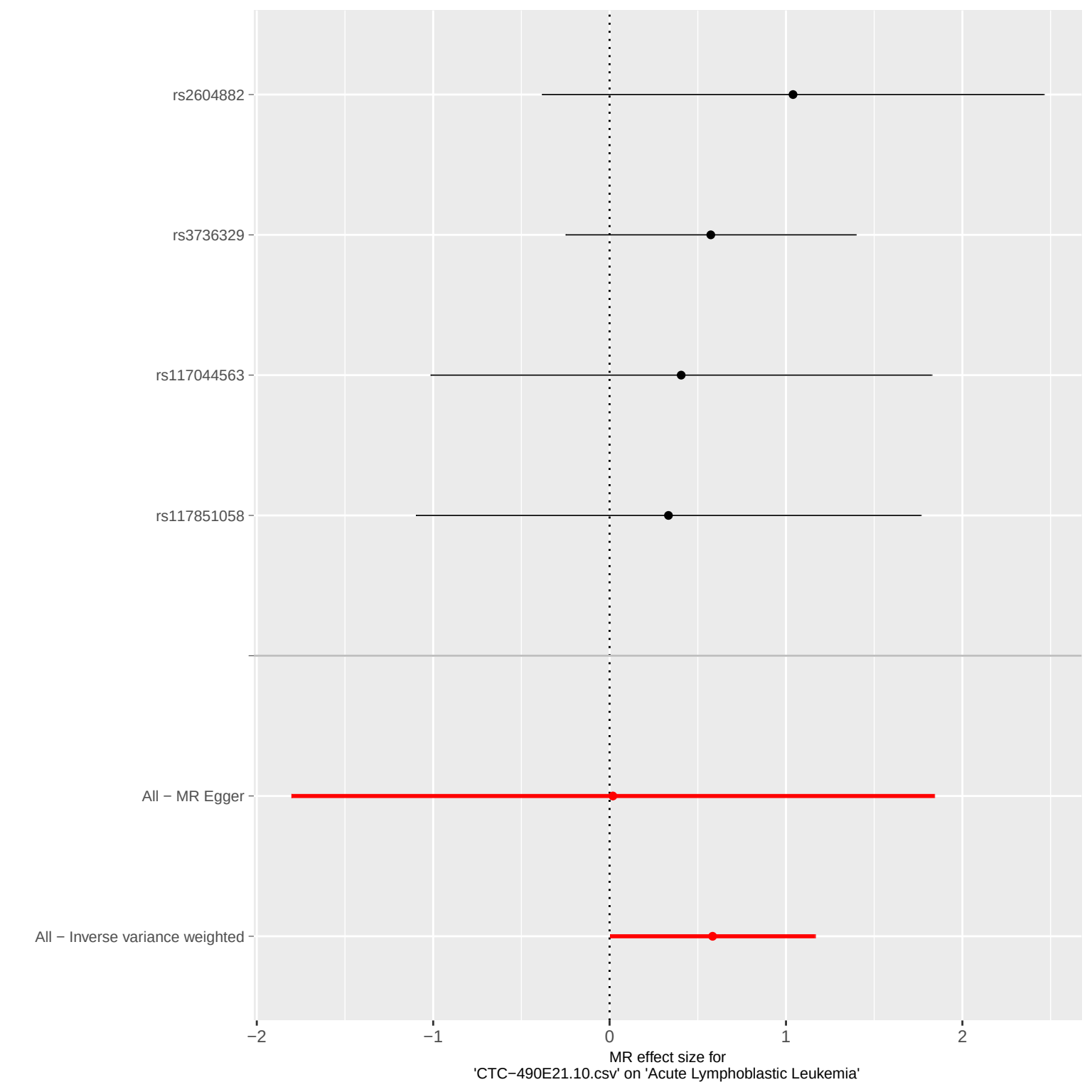
MR effect size for
'CTC−484P3.1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
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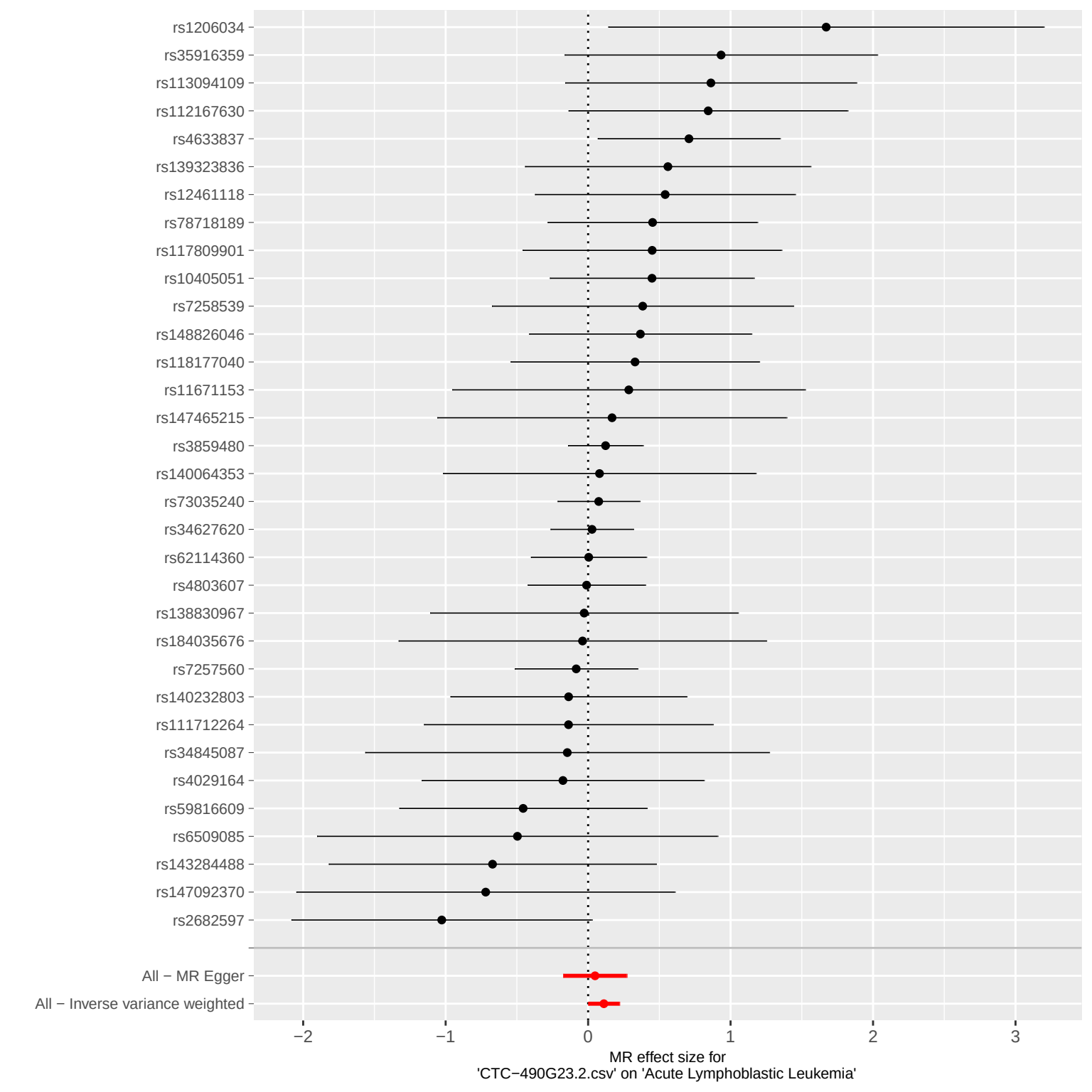
MR effect size for
'CTC−490E21.10.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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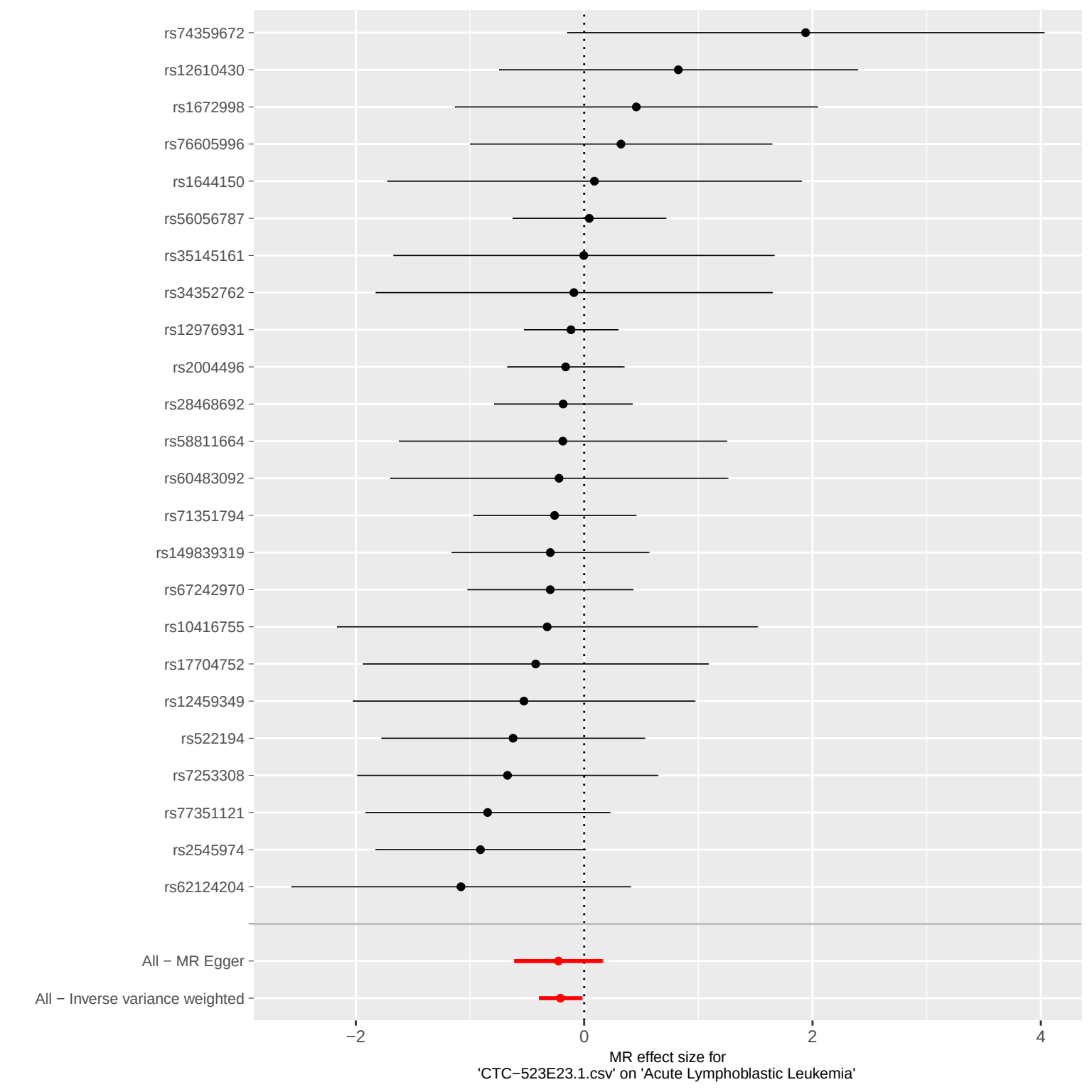
MR effect size for
'CTC−490G23.2.csv' on 'Acute Lymphoblastic Leukemia'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rs67242970
rs10416755
rs17704752
rs12459349
rs522194
rs7253308
rs77351121
rs2545974
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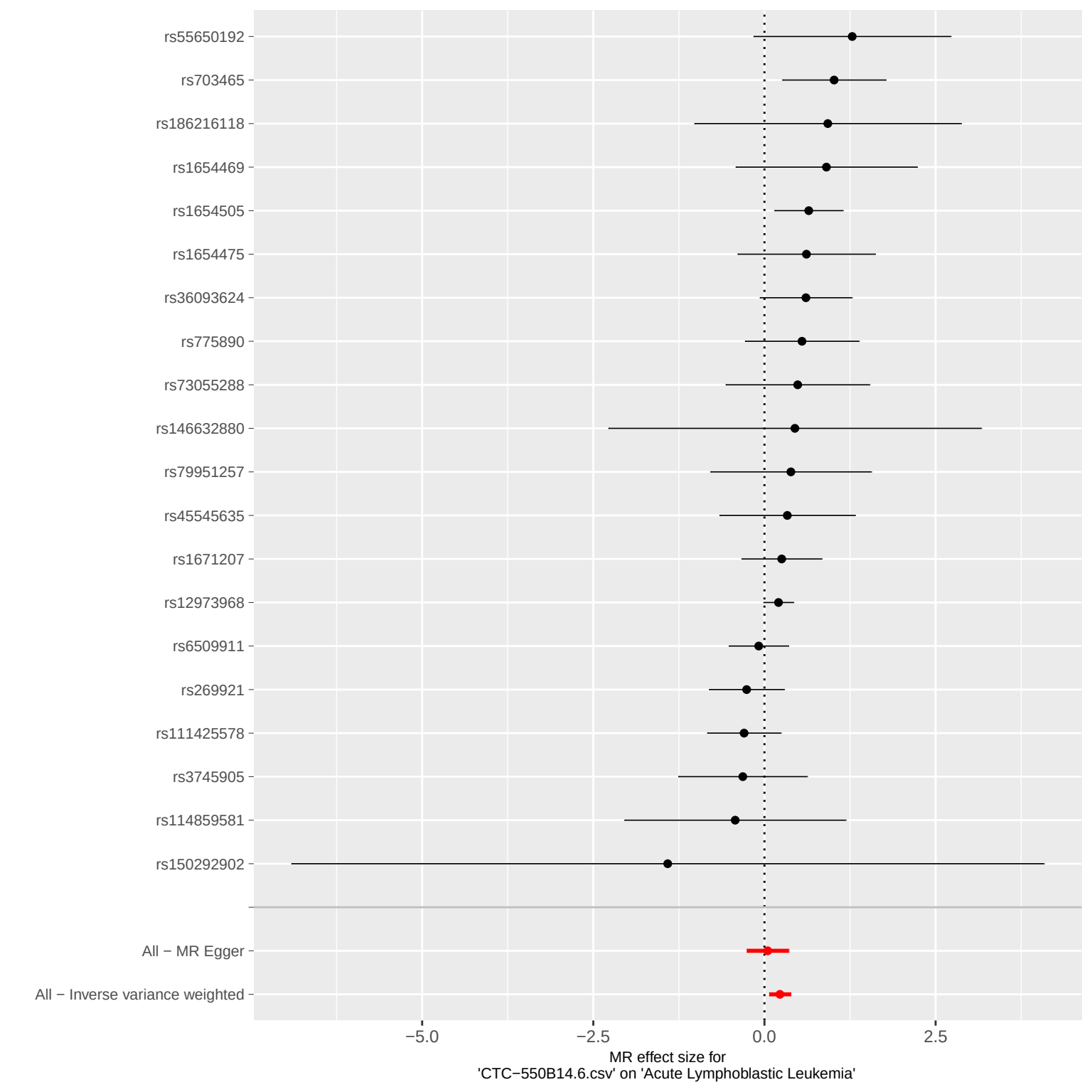
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CTC−523E23.1.csv' on 'Acute Lymphoblastic Leukemia'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rs269921
rs111425578
rs3745905
rs114859581
rs150292902
All − MR Egger
All − Inverse variance weighted
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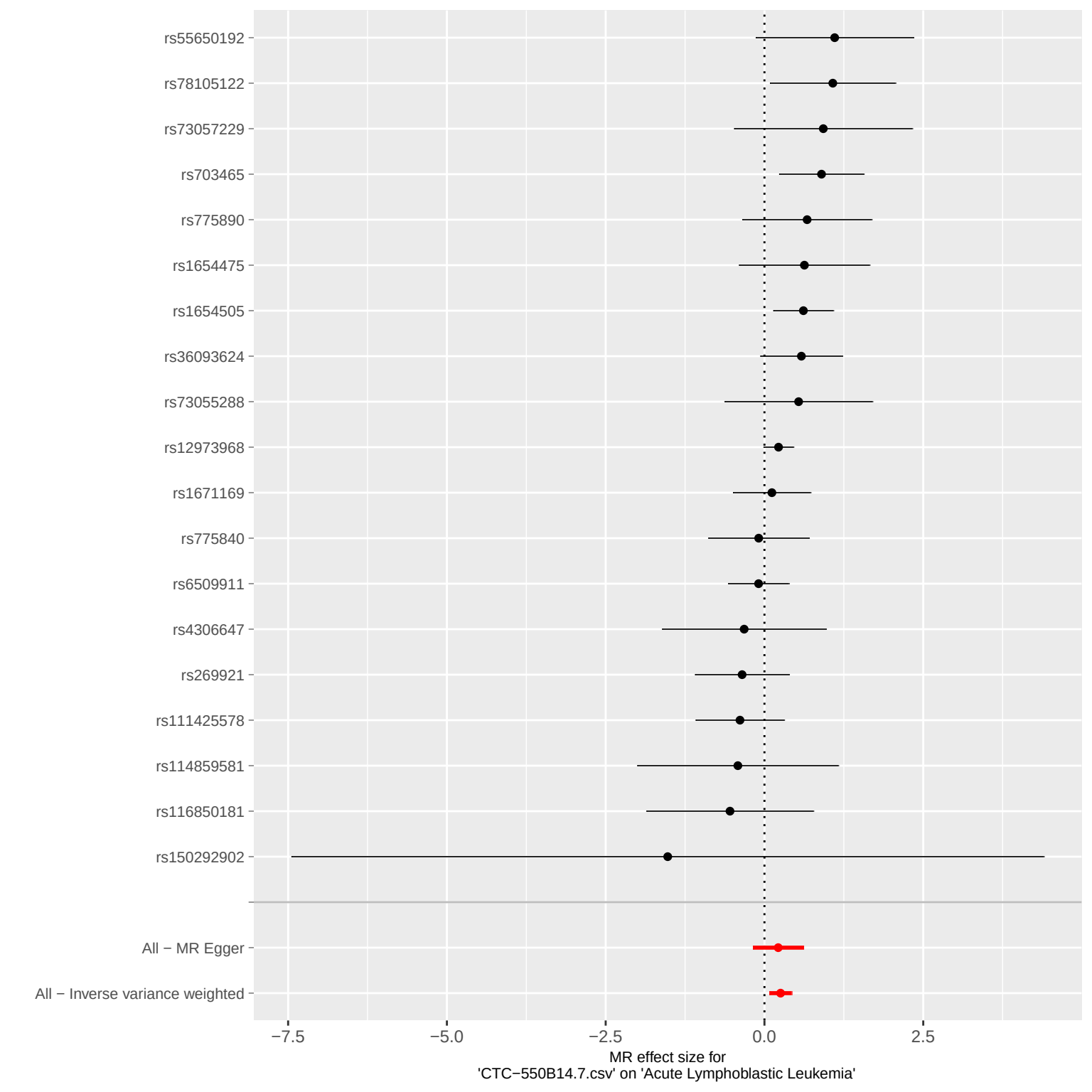
−2.5
0.0
2.5
MR effect size for
'CTC−550B14.6.csv' on 'Acute Lymphoblastic Leukemia'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rs6509911
rs4306647
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rs111425578
rs114859581
rs116850181
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All − MR Egger
All − Inverse variance weighted
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−2.5
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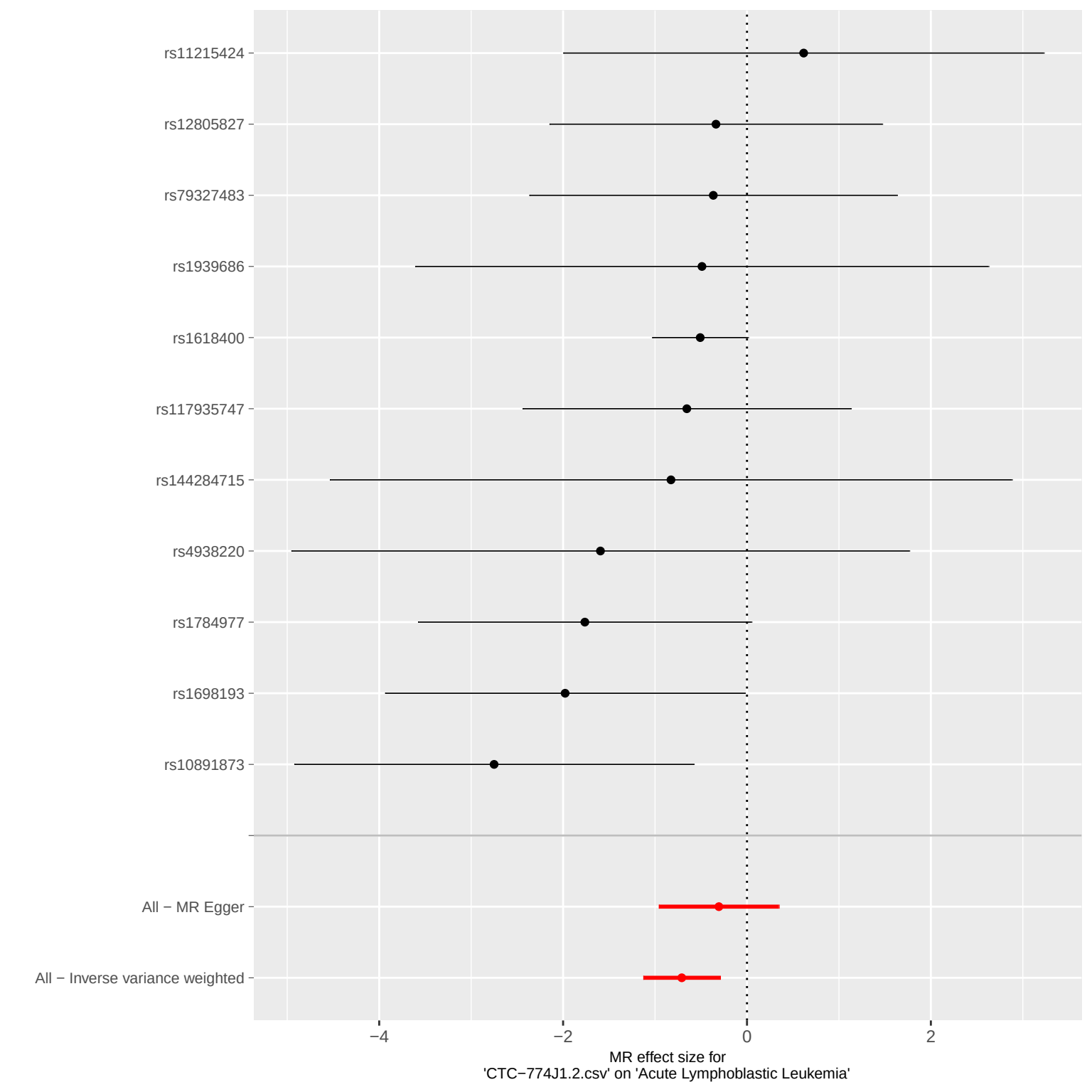
2.5
MR effect size for
'CTC−550B14.7.csv' on 'Acute Lymphoblastic Leukemia'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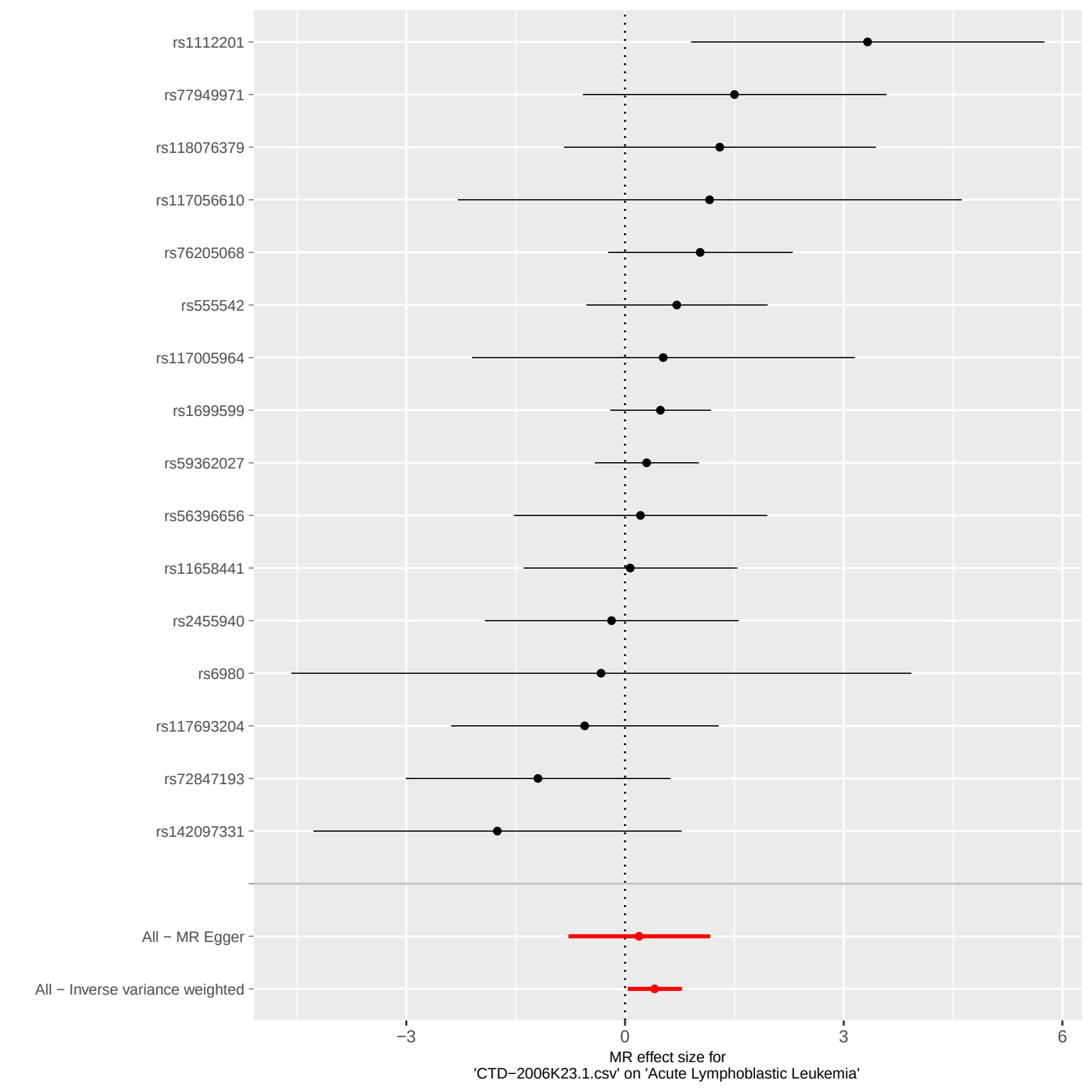
rs10891873
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CTC−774J1.2.csv' on 'Acute Lymphoblastic Leukemia'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rs2455940
rs6980
rs117693204
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rs142097331
All − MR Egger
All − Inverse variance weighted
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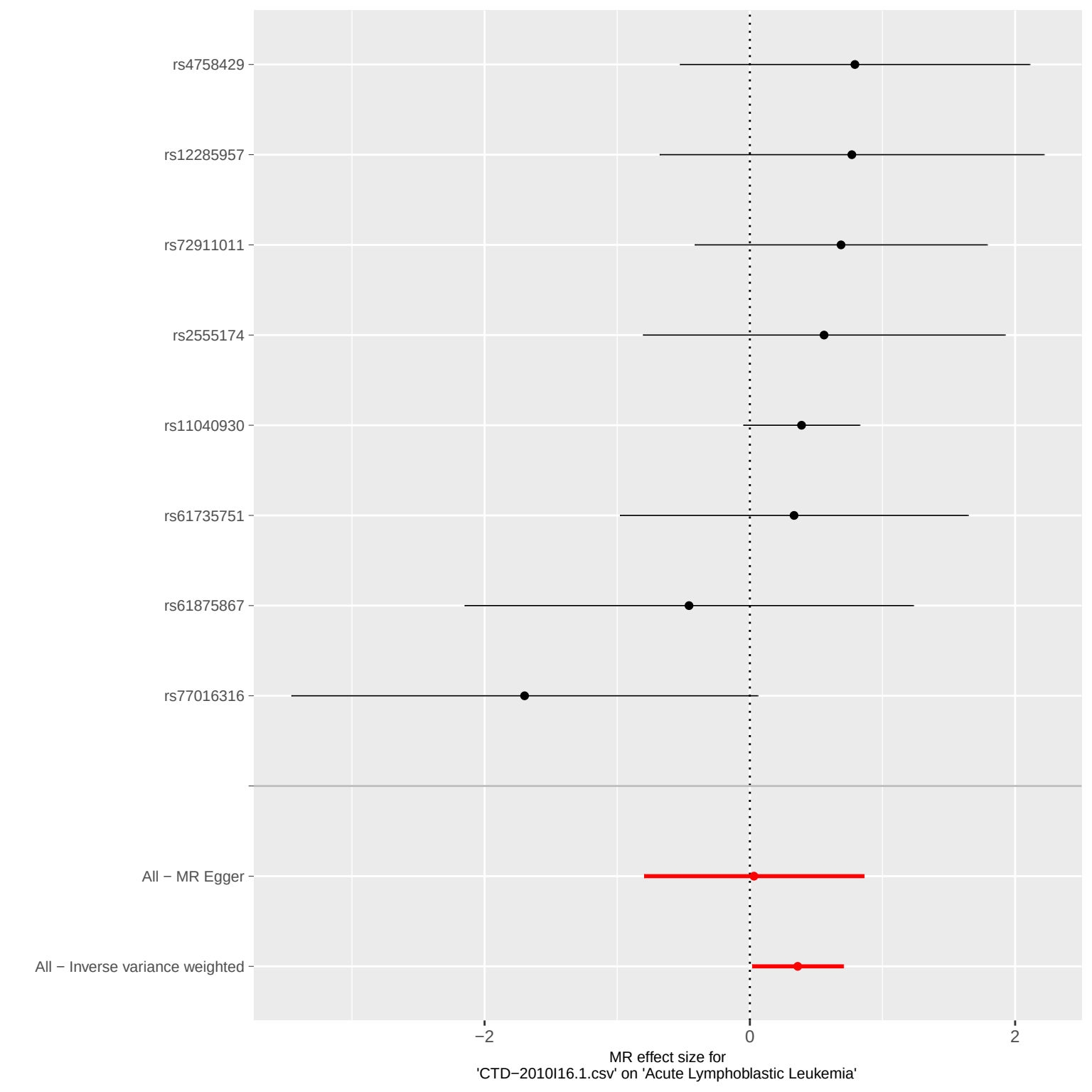
3
6
MR effect size for
'CTD−2006K23.1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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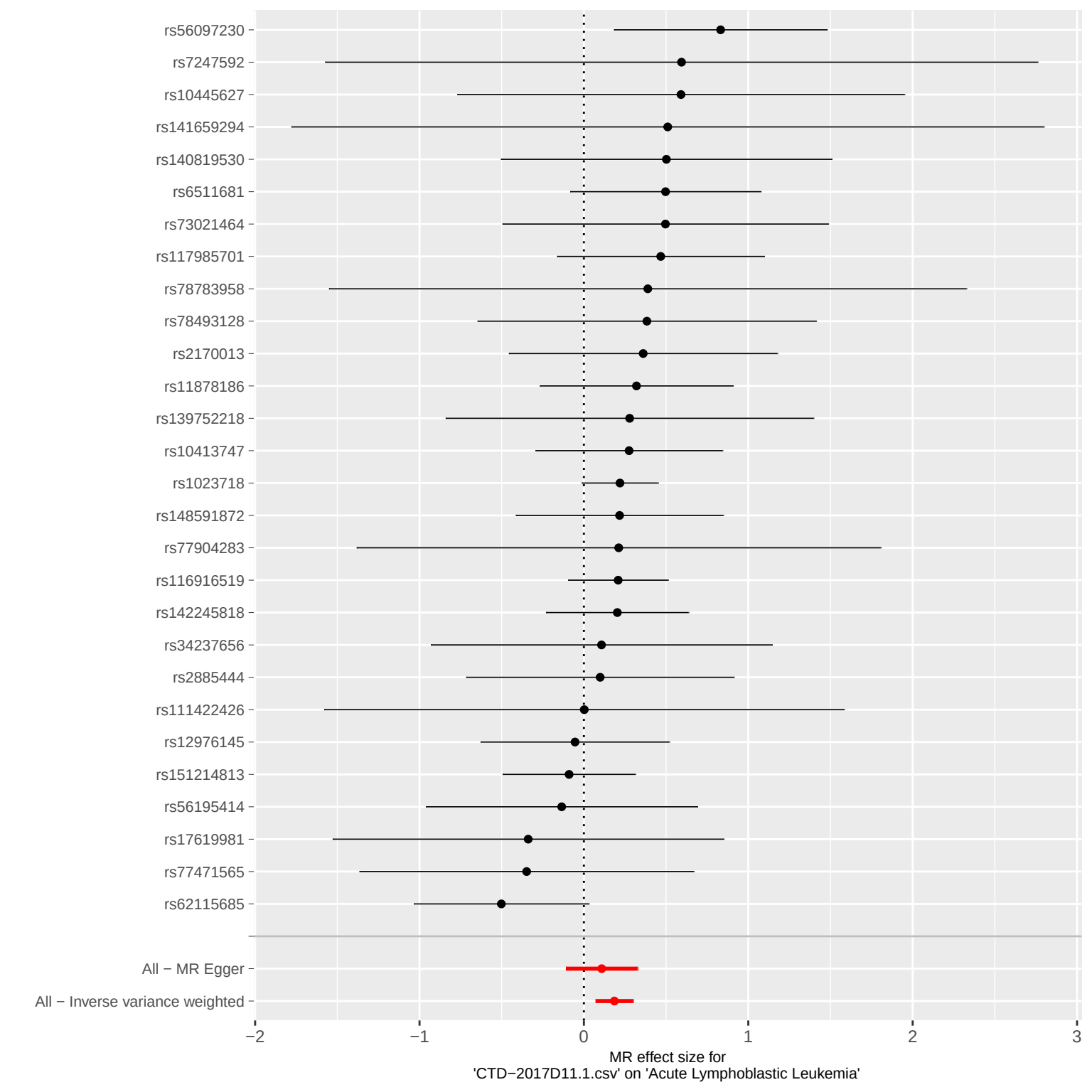
0
2
MR effect size for
'CTD−2010I16.1.csv' on 'Acute Lymphoblastic Leukemia'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rs142245818
rs34237656
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rs17619981
rs77471565
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All − MR Egger
All − Inverse variance weighted
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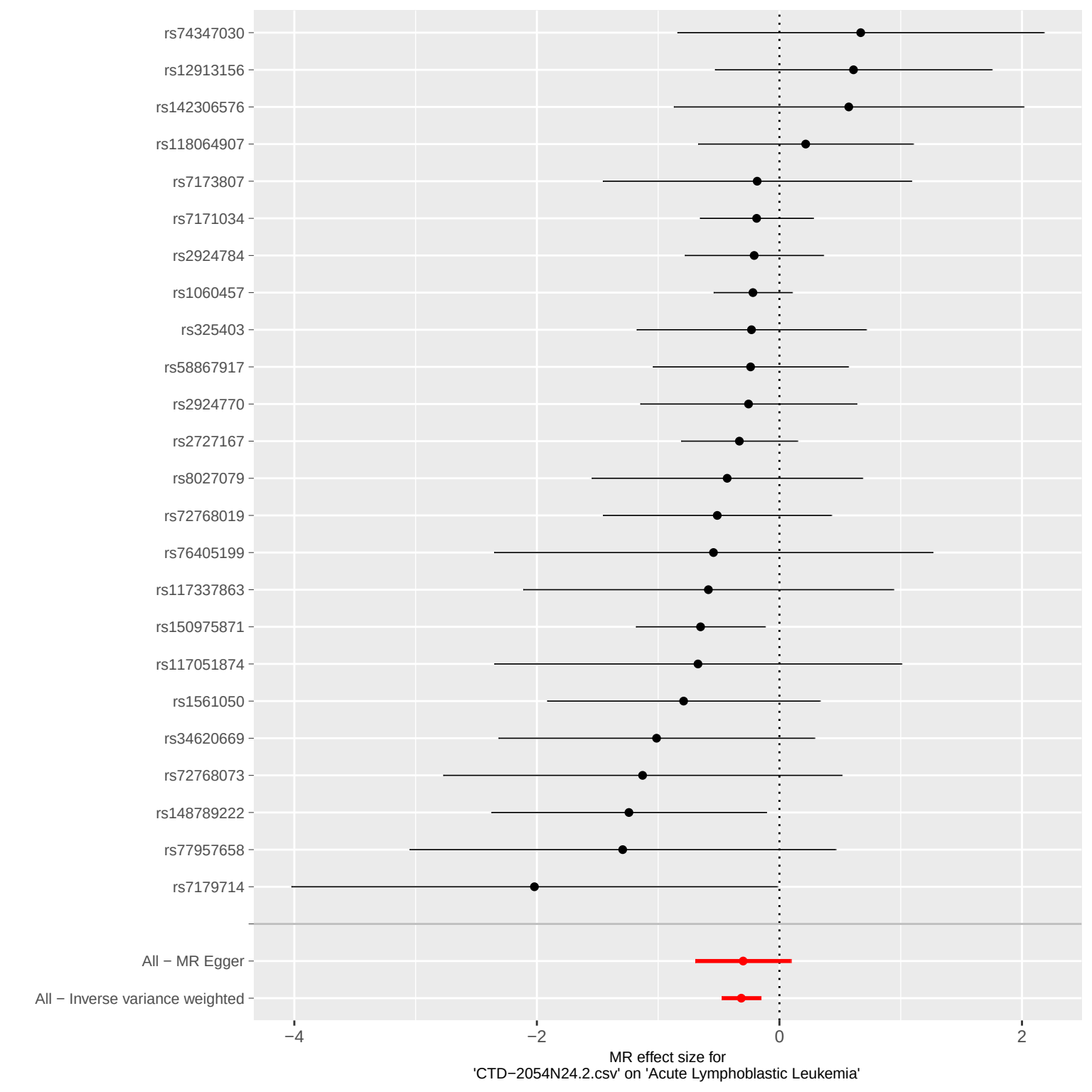
1
2
3
MR effect size for
'CTD−2017D11.1.csv' on 'Acute Lymphoblastic Leukemia'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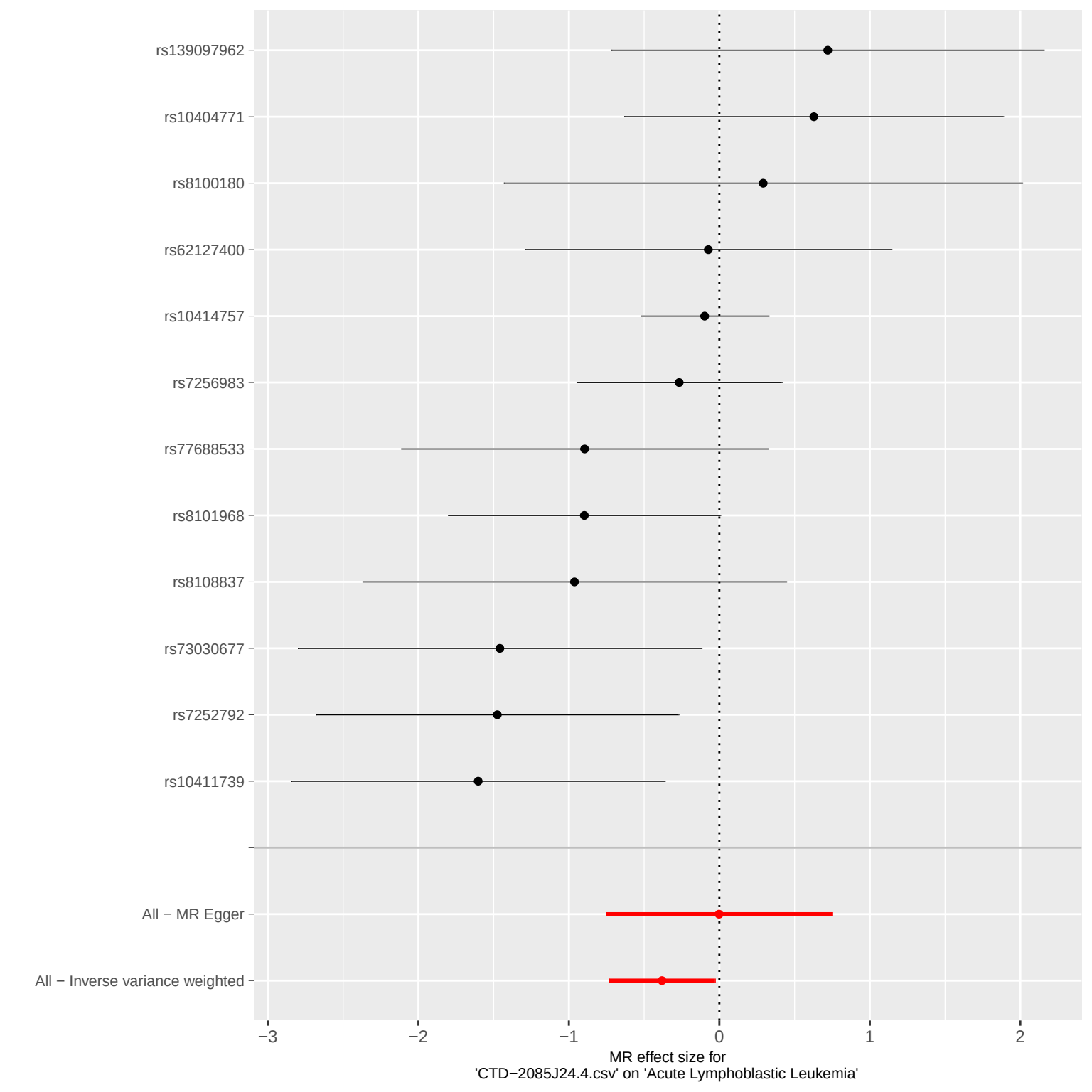
rs76405199
rs117337863
rs150975871
rs117051874
rs1561050
rs34620669
rs72768073
rs148789222
rs77957658
rs7179714
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CTD−2054N24.2.csv' on 'Acute Lymphoblastic Leukemia'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rs73030677
rs7252792
rs10411739
All − MR Egger
All − Inverse variance weighted
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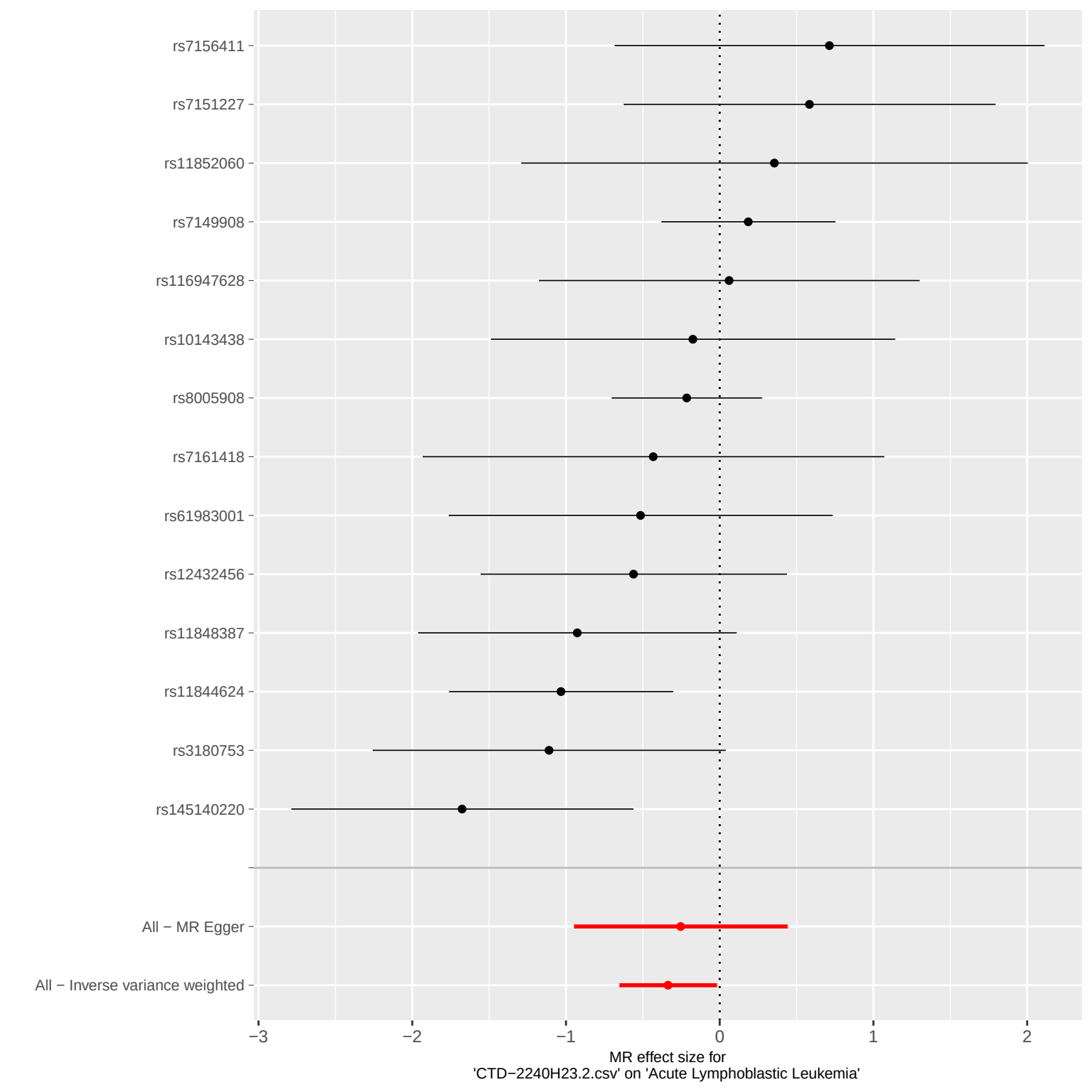
−2
−1
0
1
2
MR effect size for
'CTD−2085J24.4.csv' on 'Acute Lymphoblastic Leukemia'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rs11844624
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rs145140220
All − MR Egger
All − Inverse variance weighted
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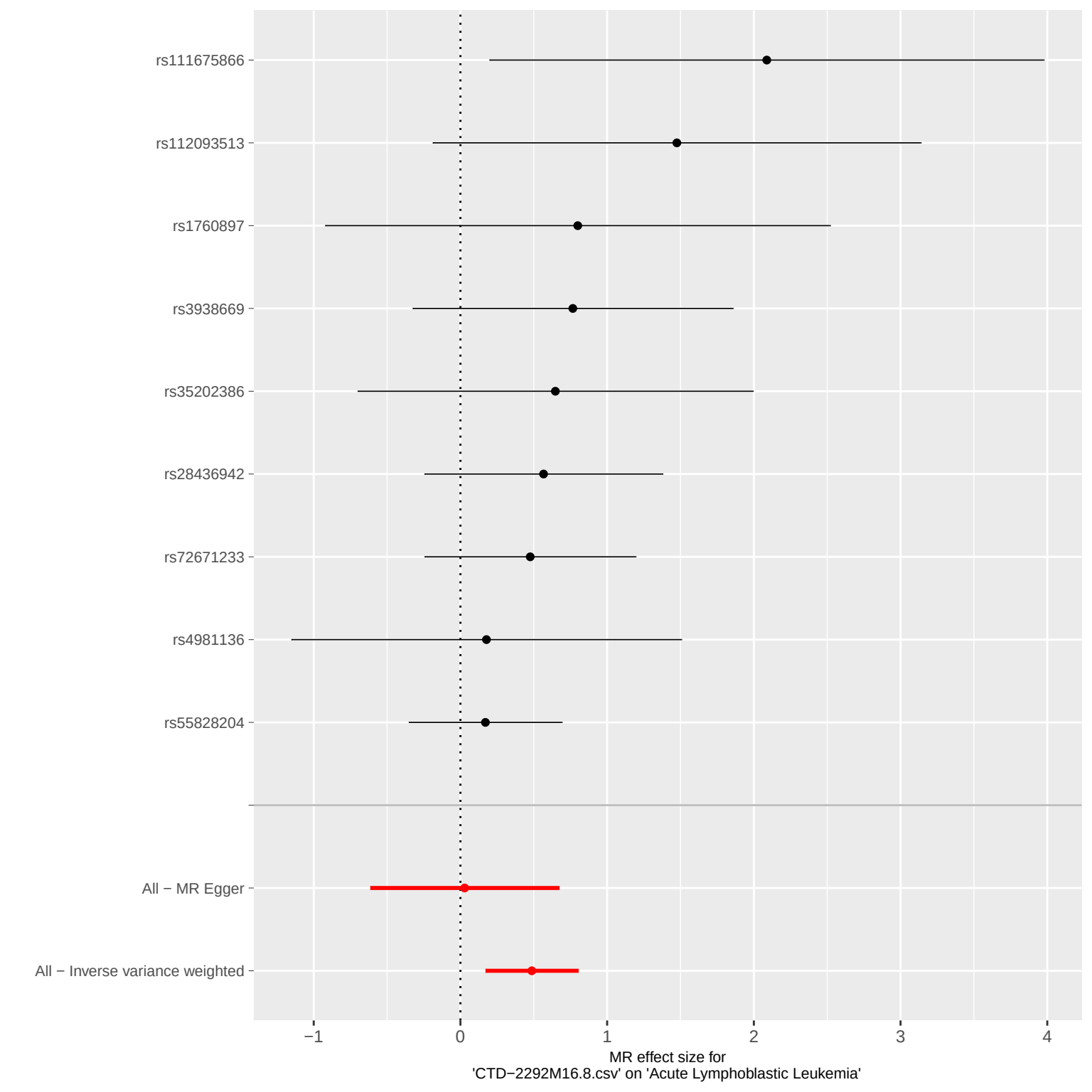
−2
−1
0
1
2
MR effect size for
'CTD−2240H23.2.csv' on 'Acute Lymphoblastic Leukemia'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rs28436942
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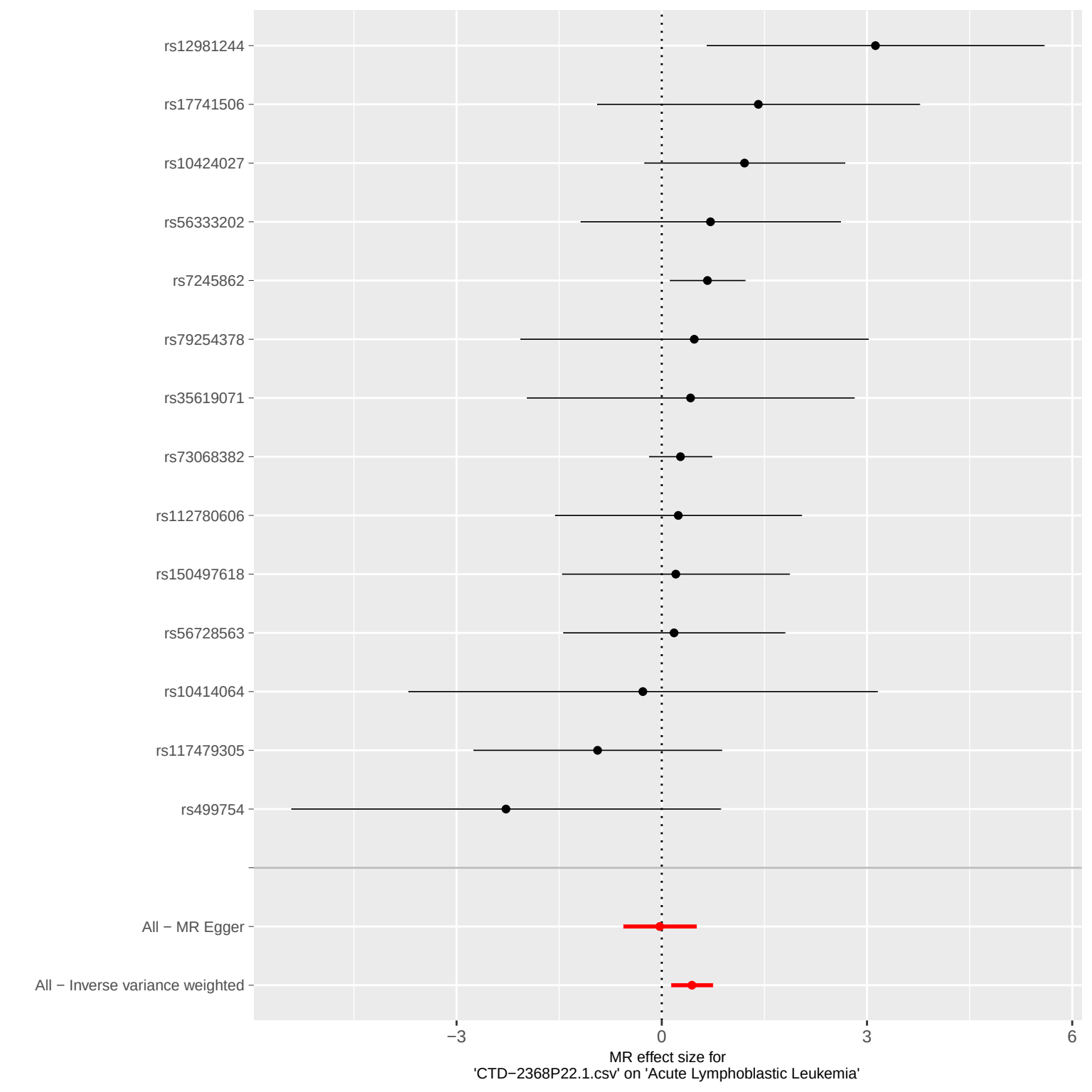
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
4
MR effect size for
'CTD−2292M16.8.csv' on 'Acute Lymphoblastic Leukemia'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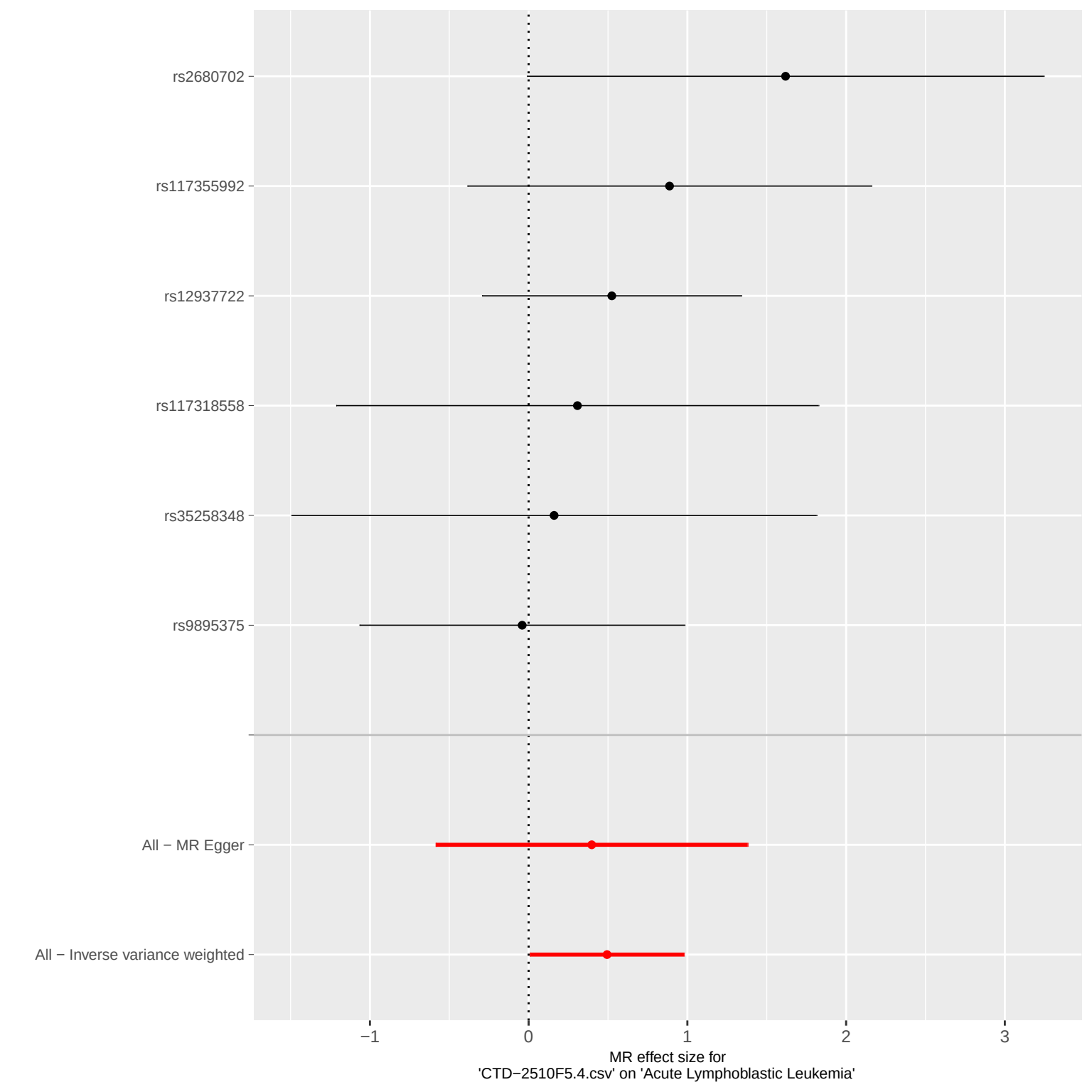
rs10414064
rs117479305
rs499754
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'CTD−2368P22.1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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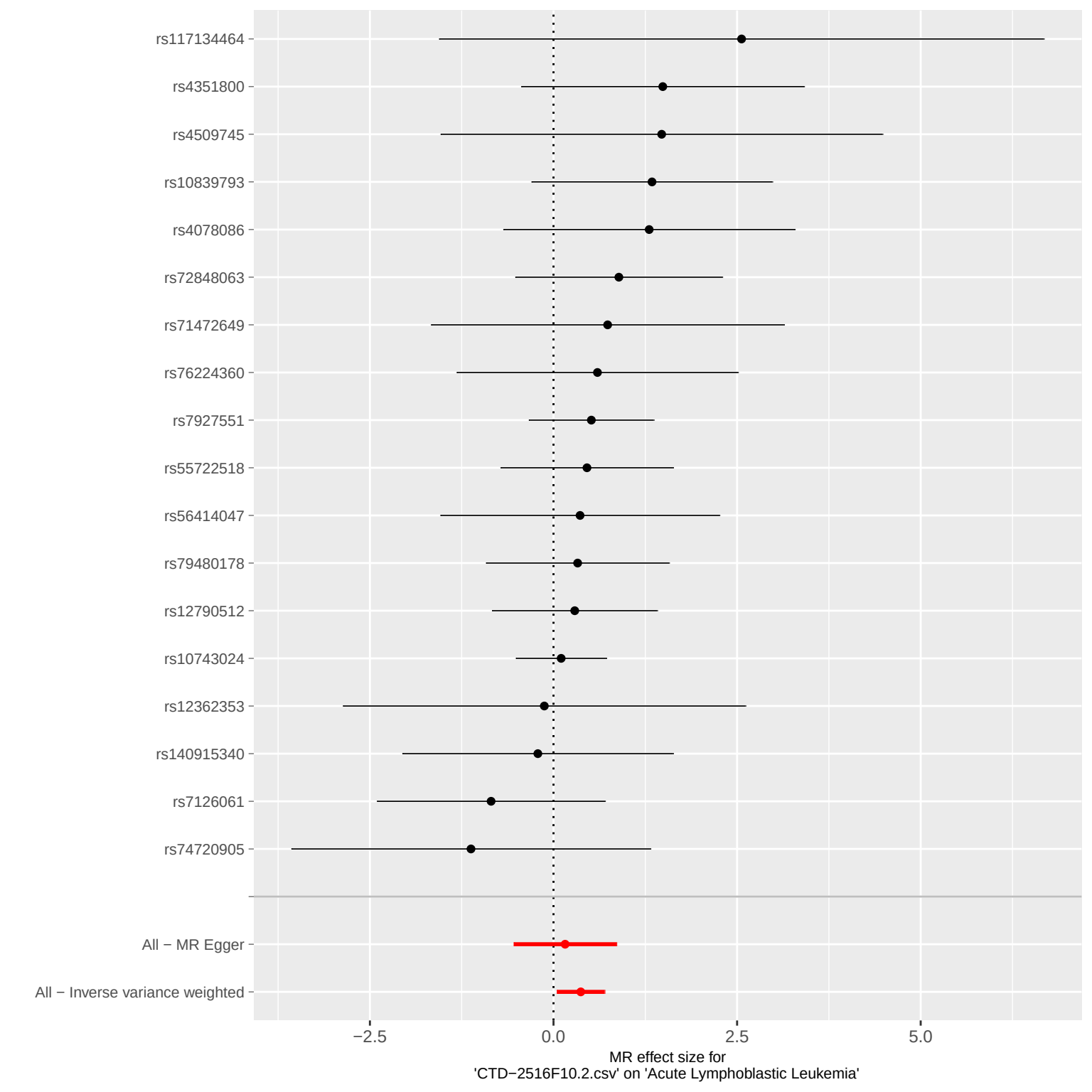
MR effect size for
'CTD−2510F5.4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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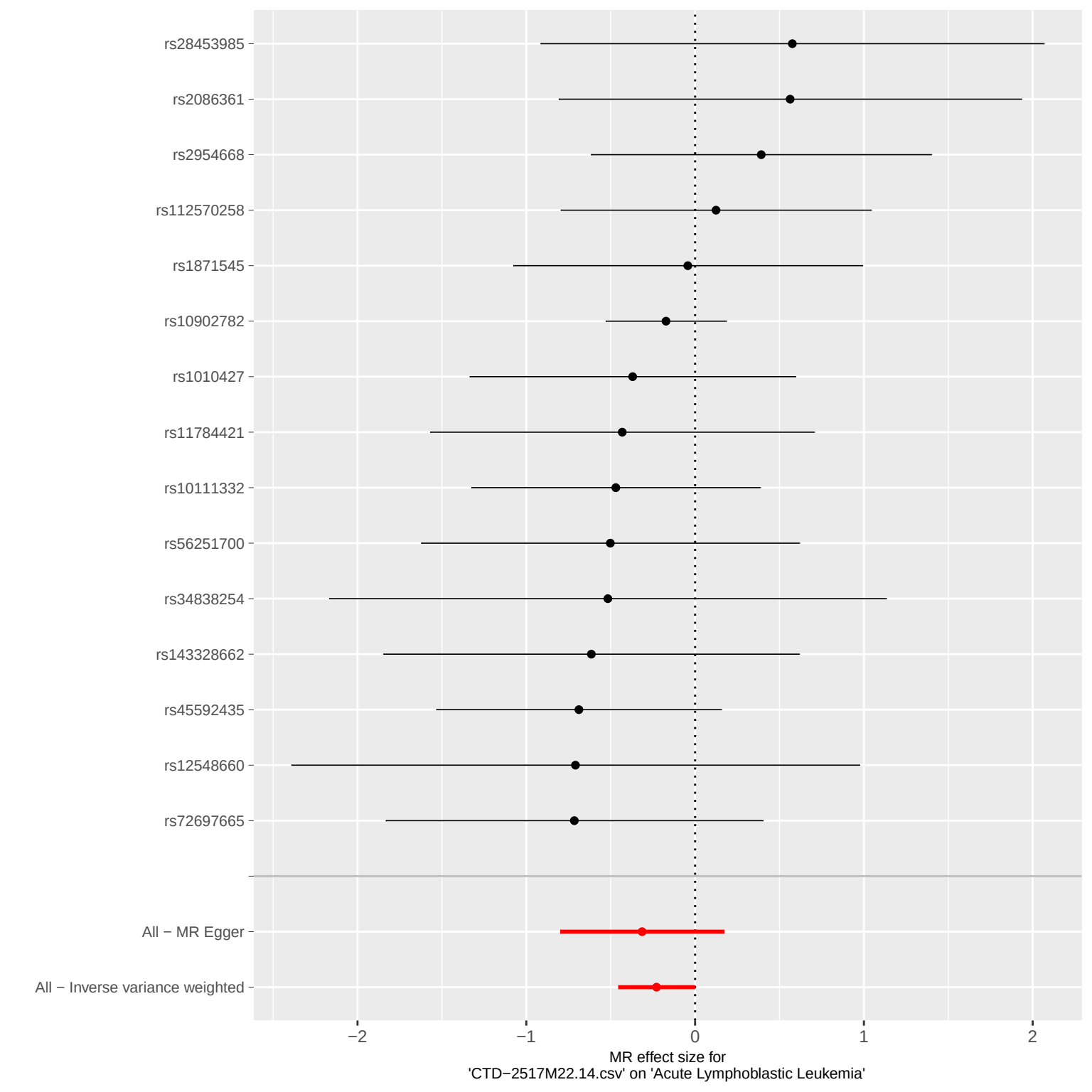
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rs143328662
rs45592435
rs12548660
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All − Inverse variance weighted
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1
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MR effect size for
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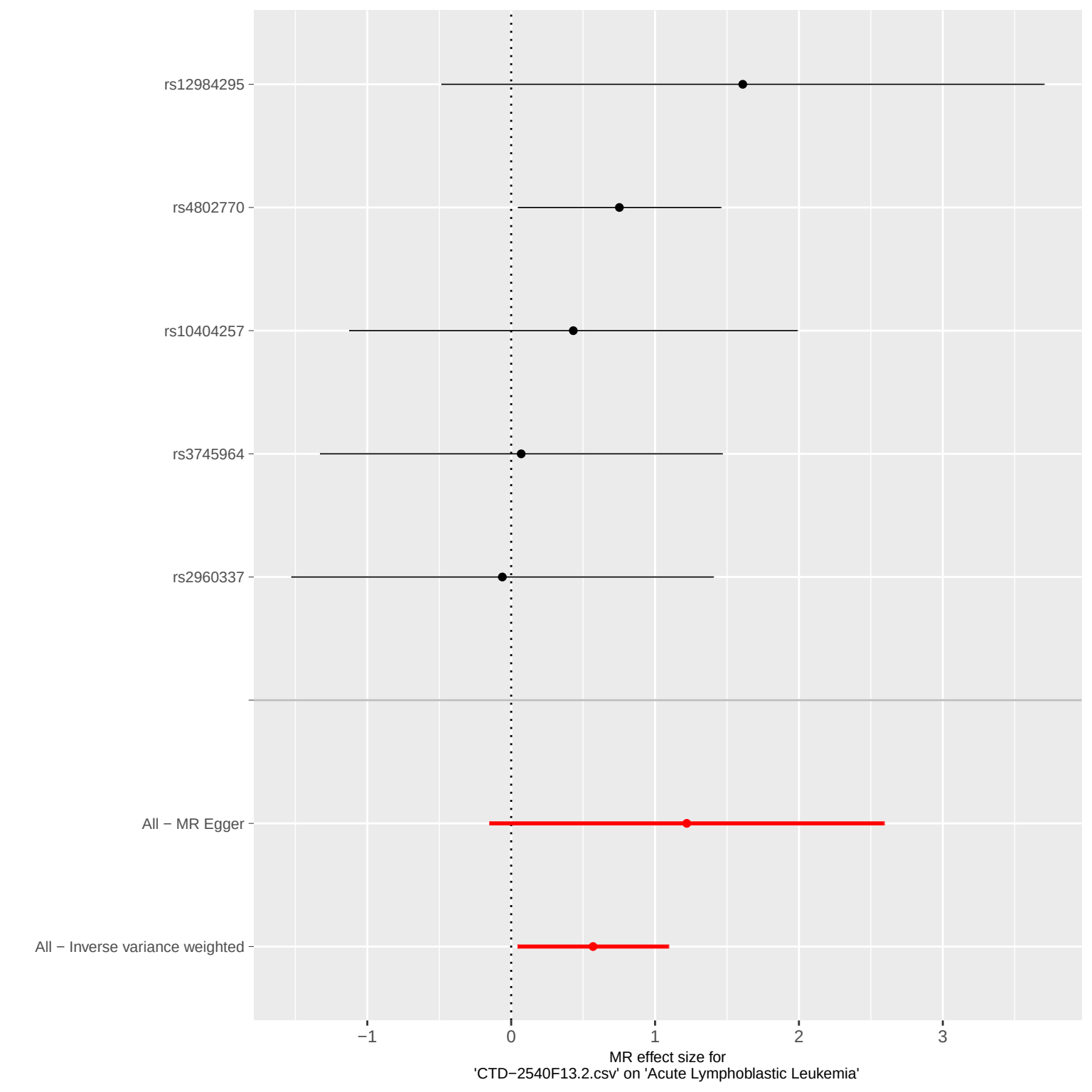
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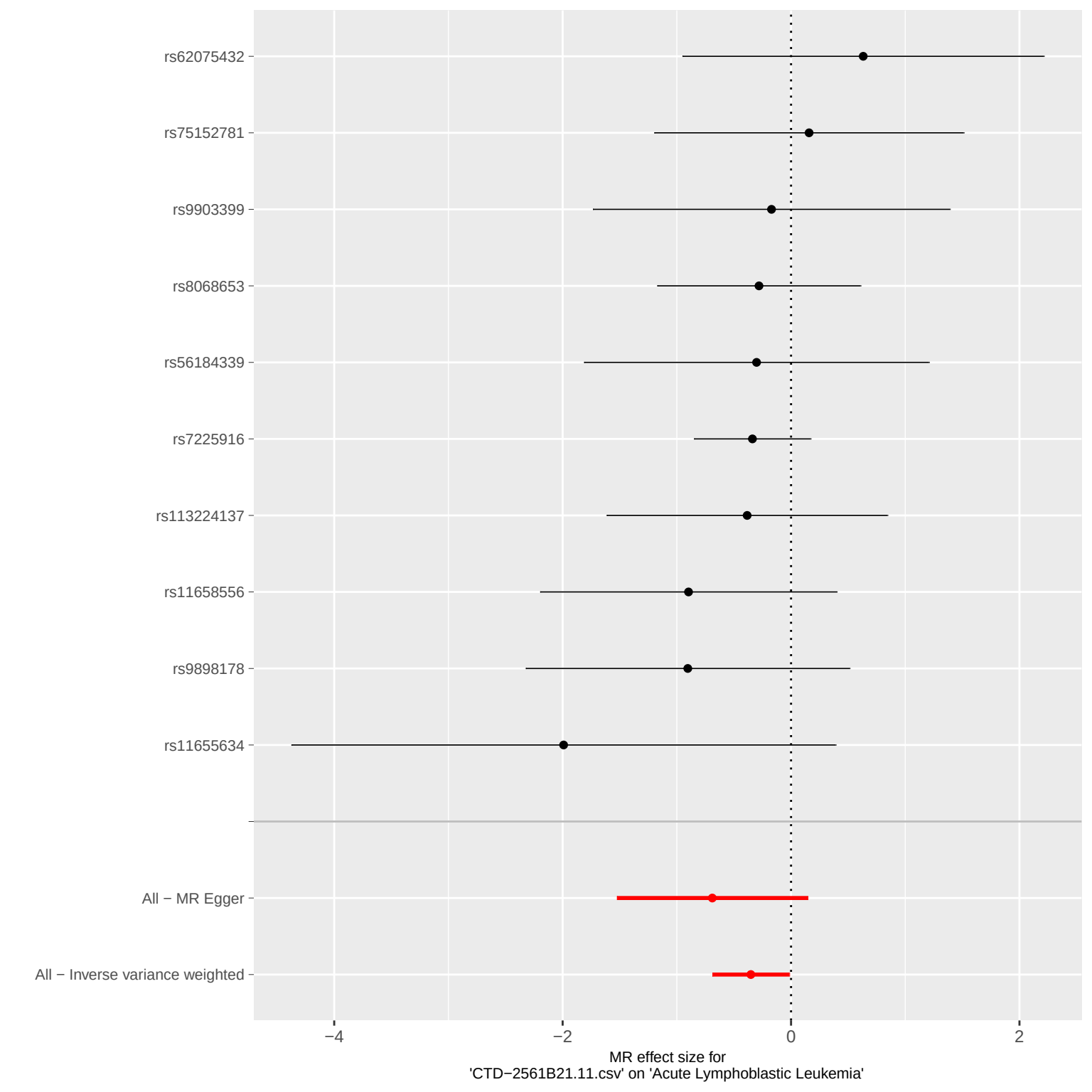
MR effect size for
'CTD−2540F13.2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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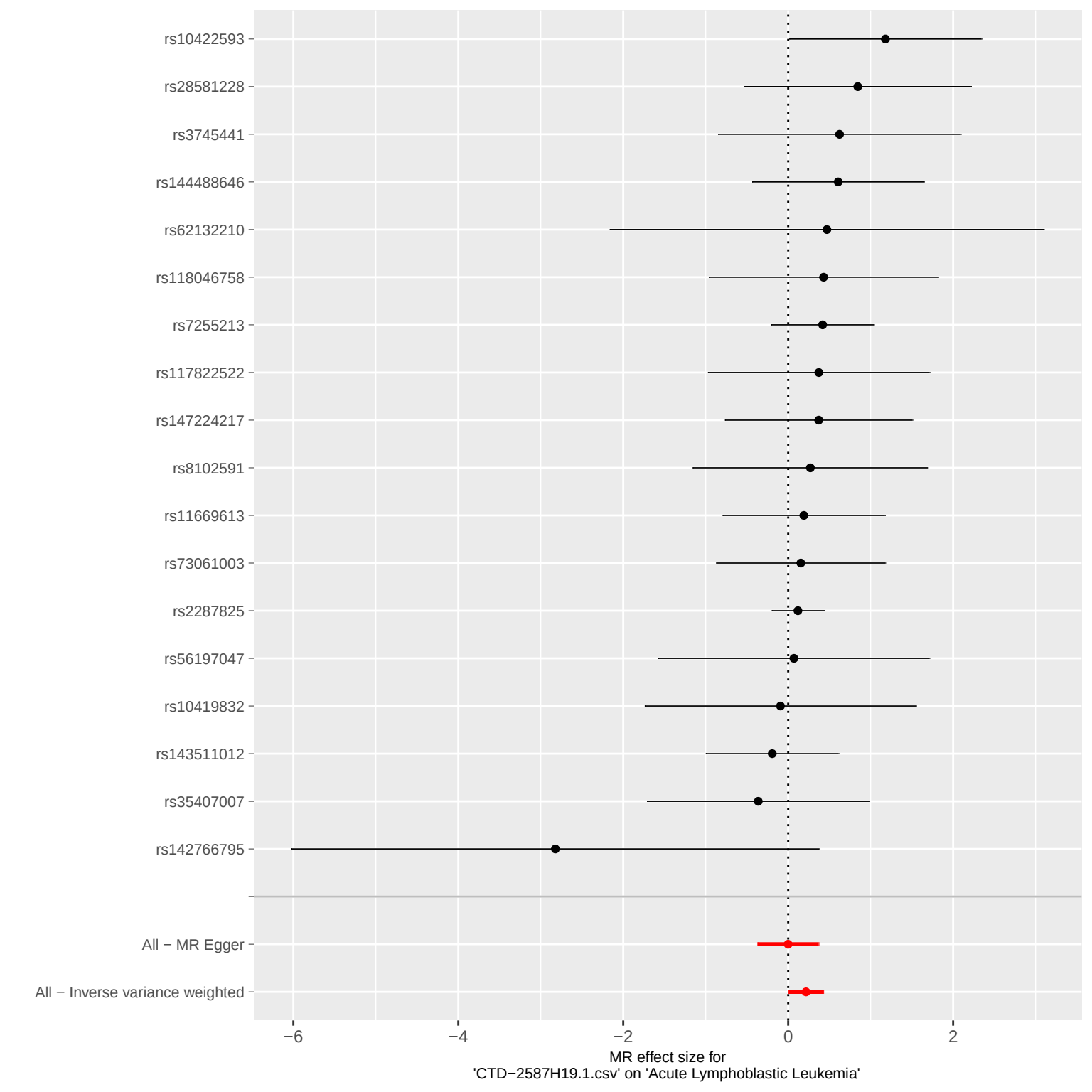
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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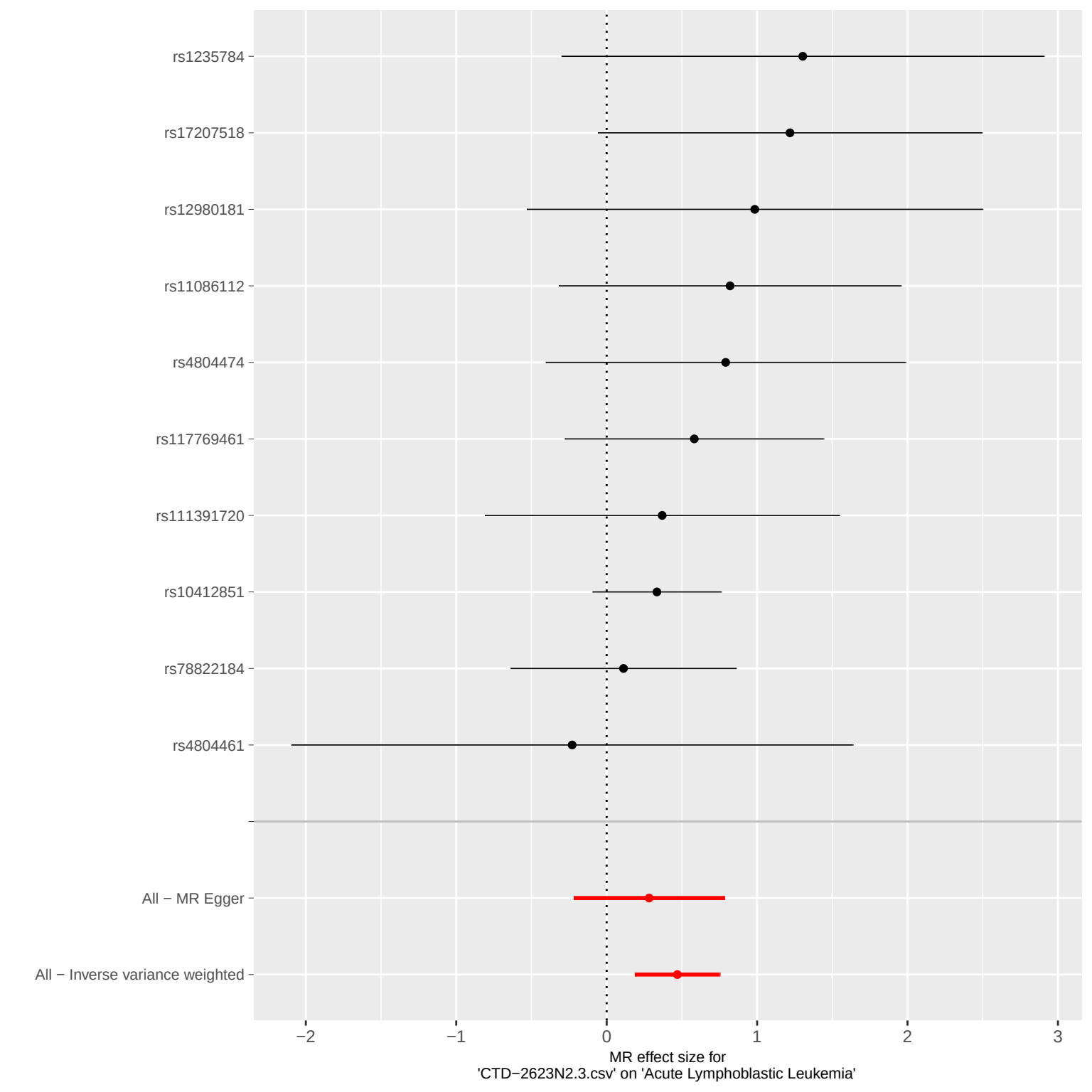
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All − MR Egger
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2
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MR effect size for
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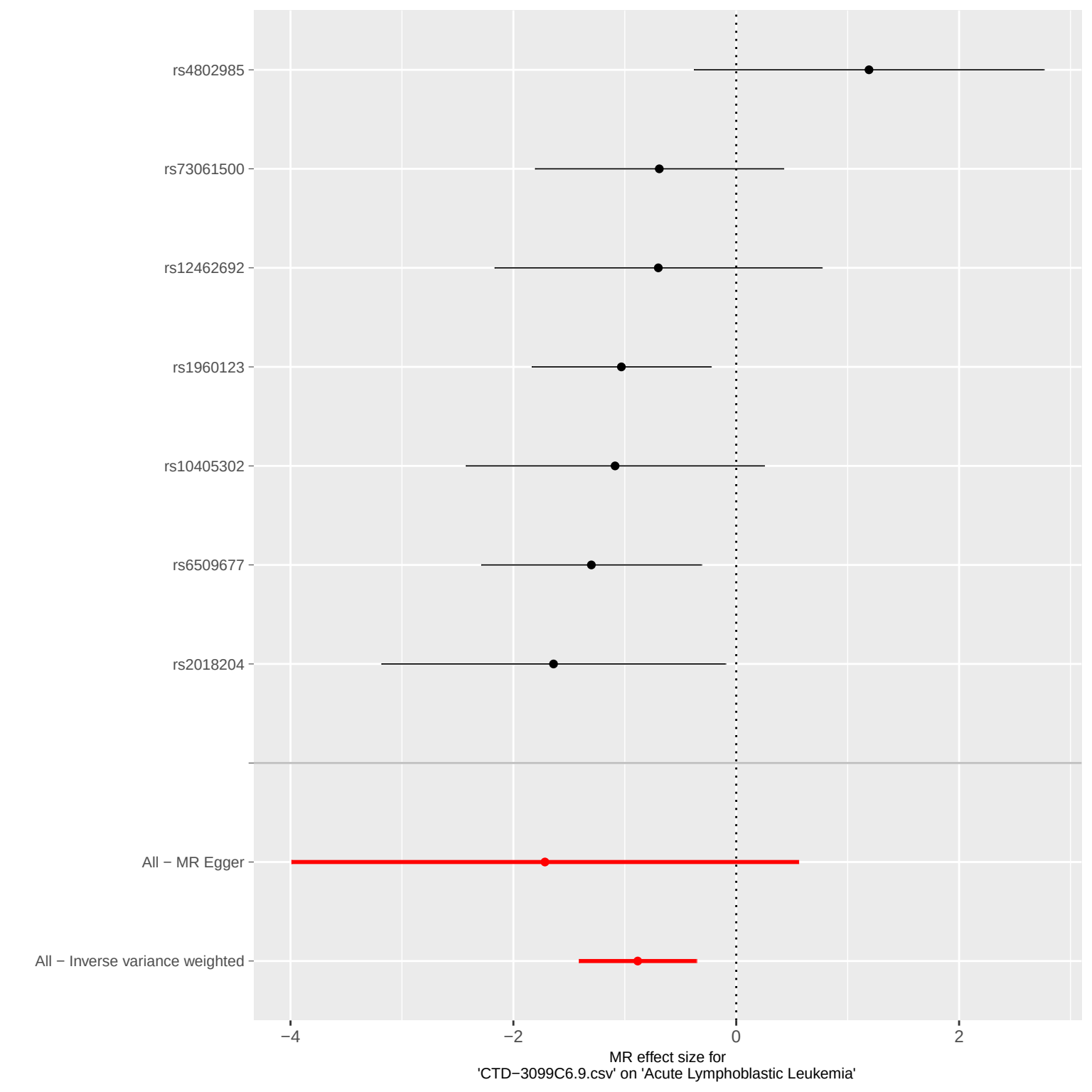
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MR effect size for
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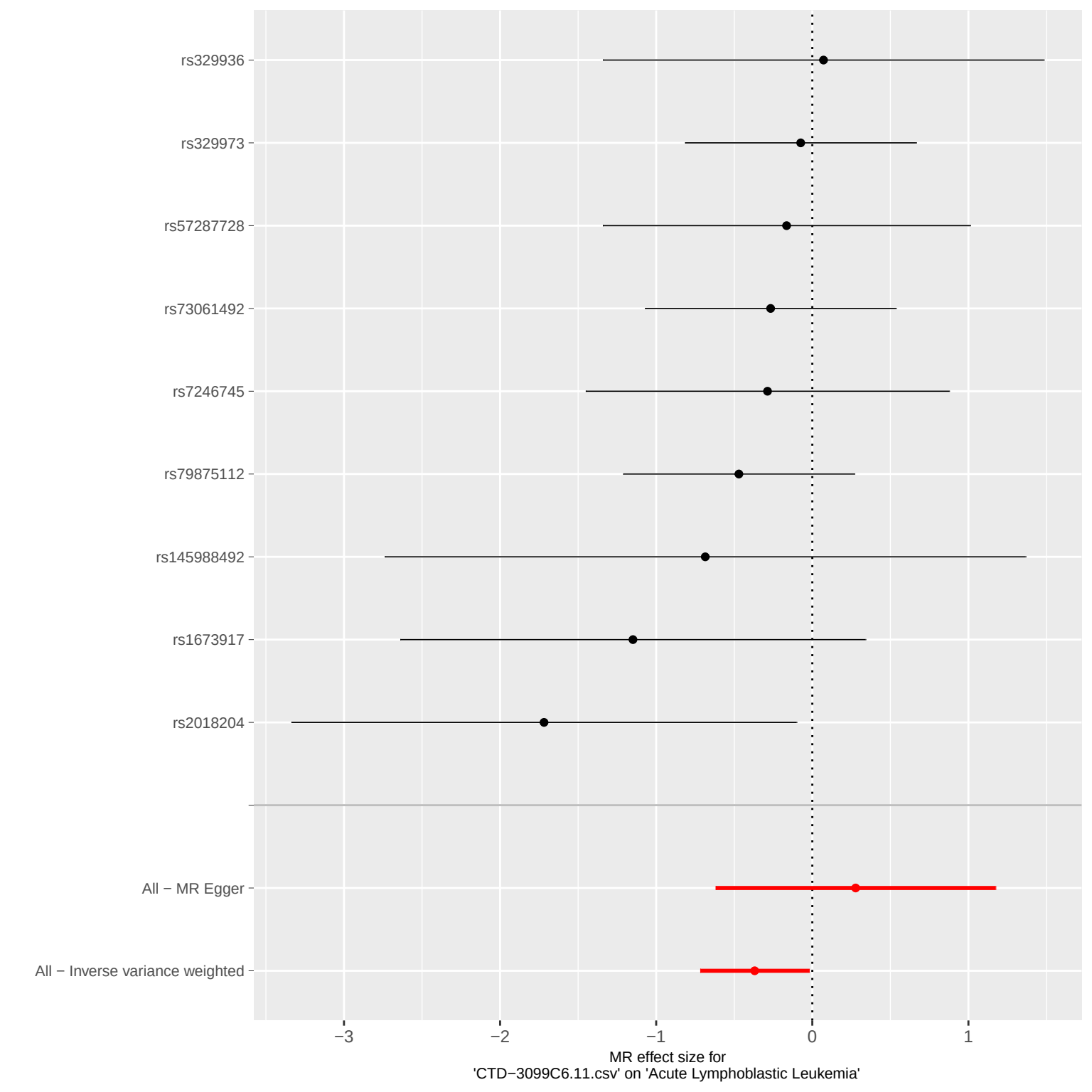
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All − MR Egger
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−2
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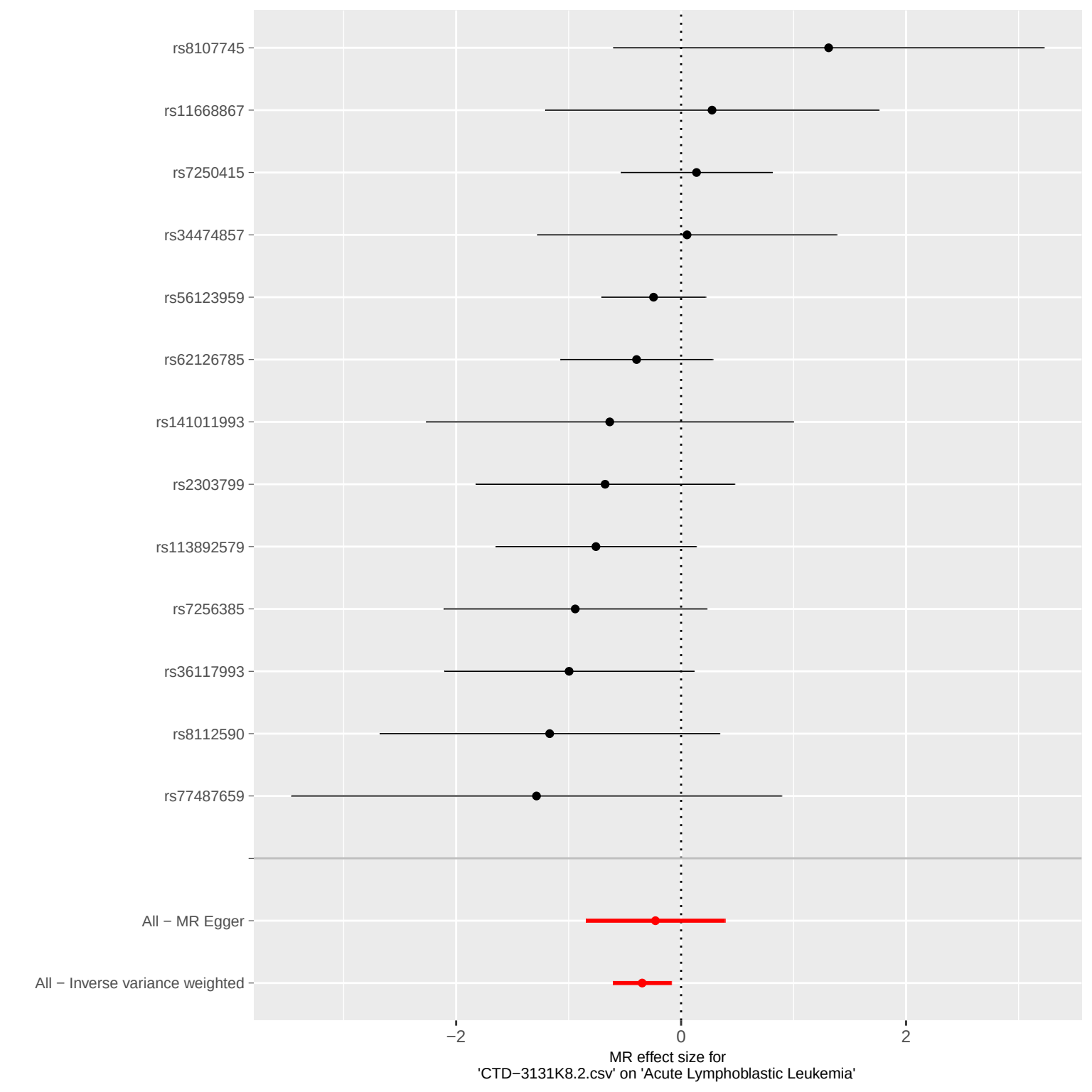
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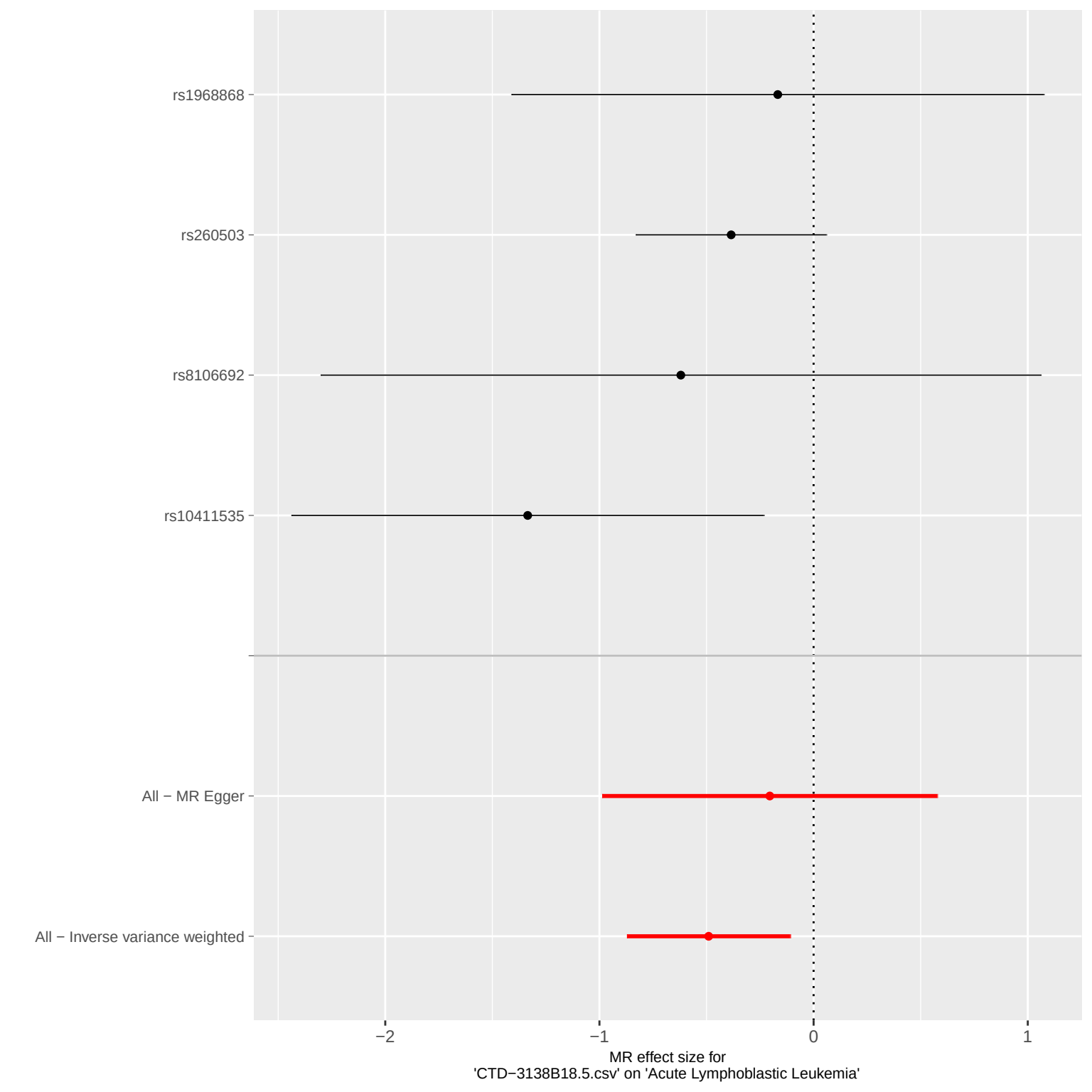
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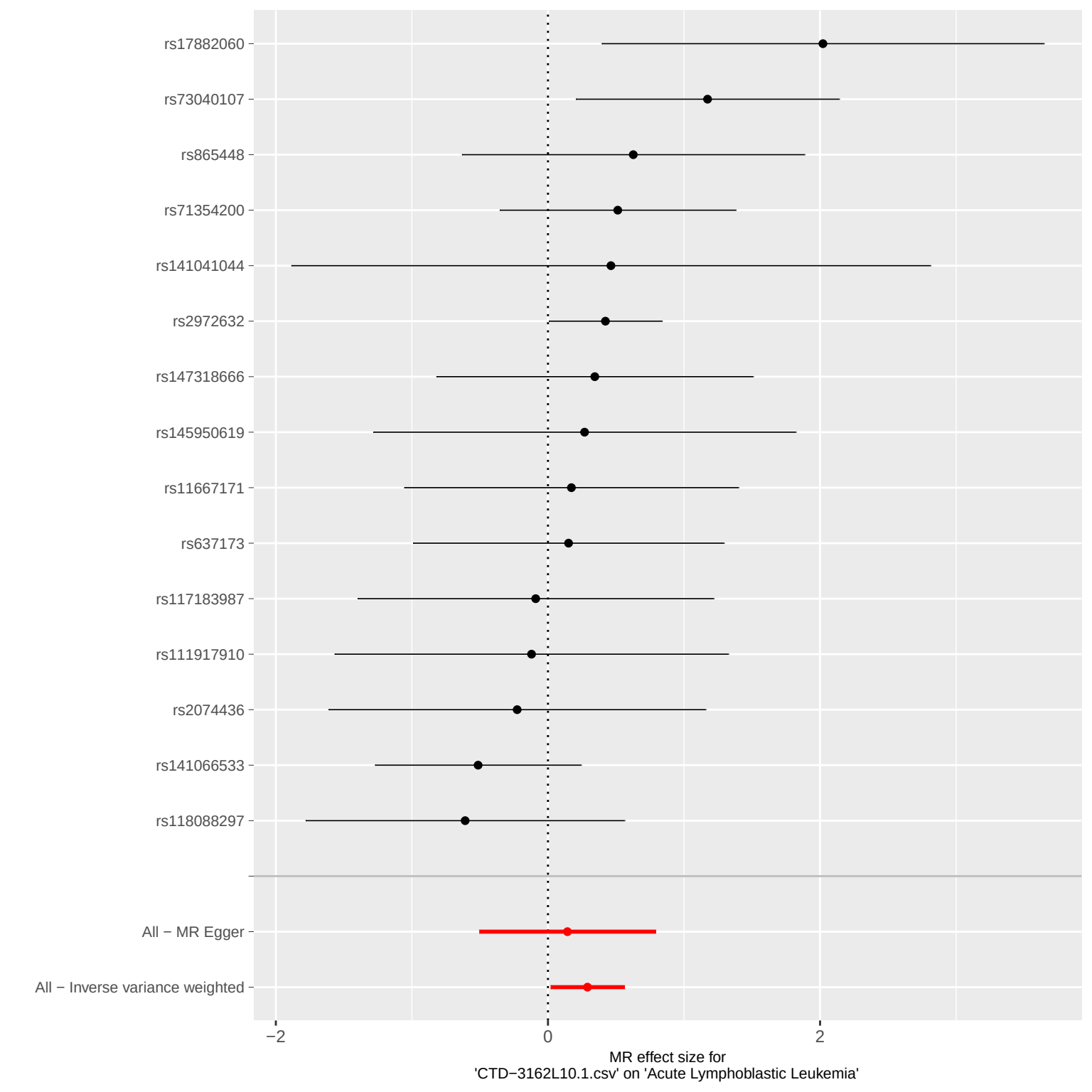
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rs141066533
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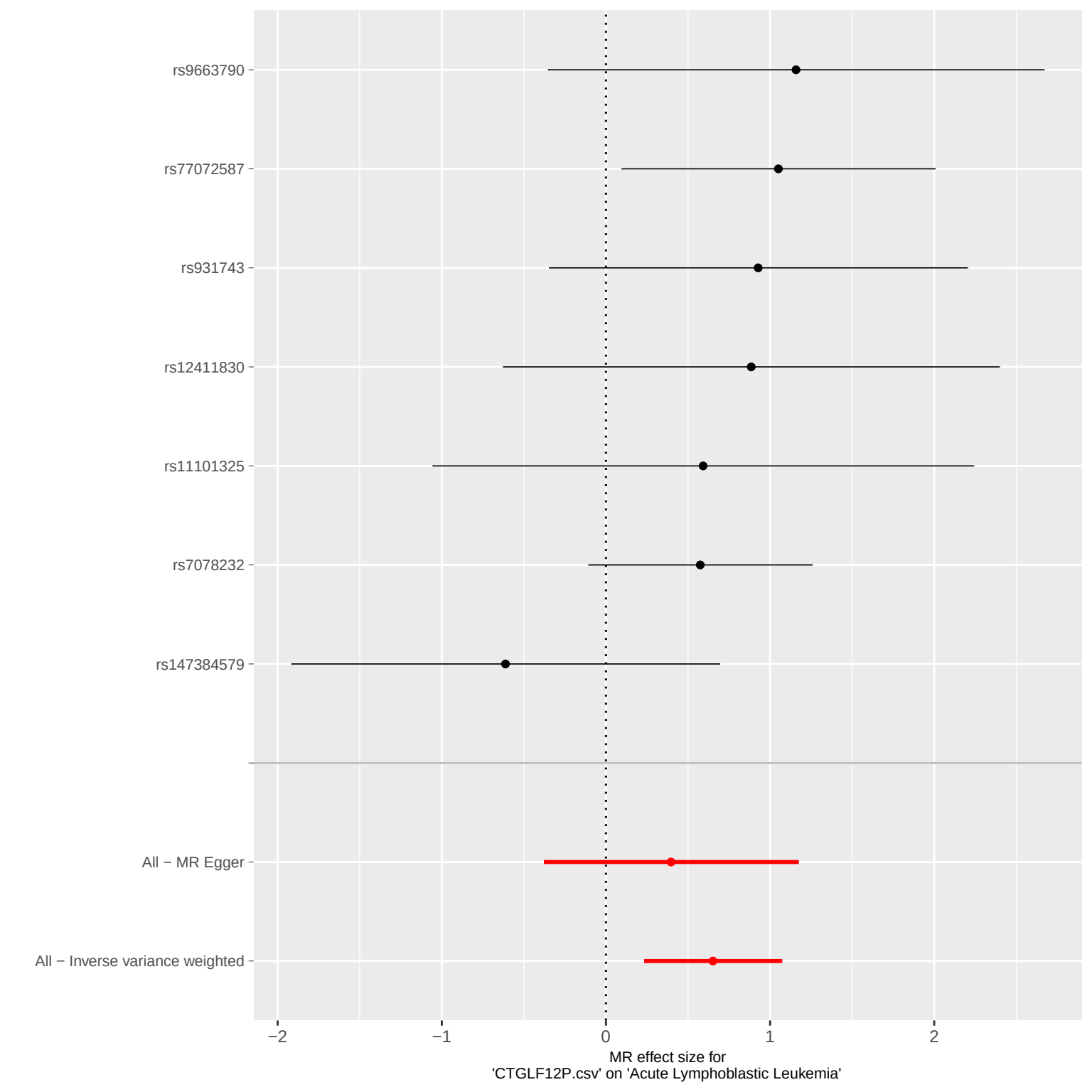
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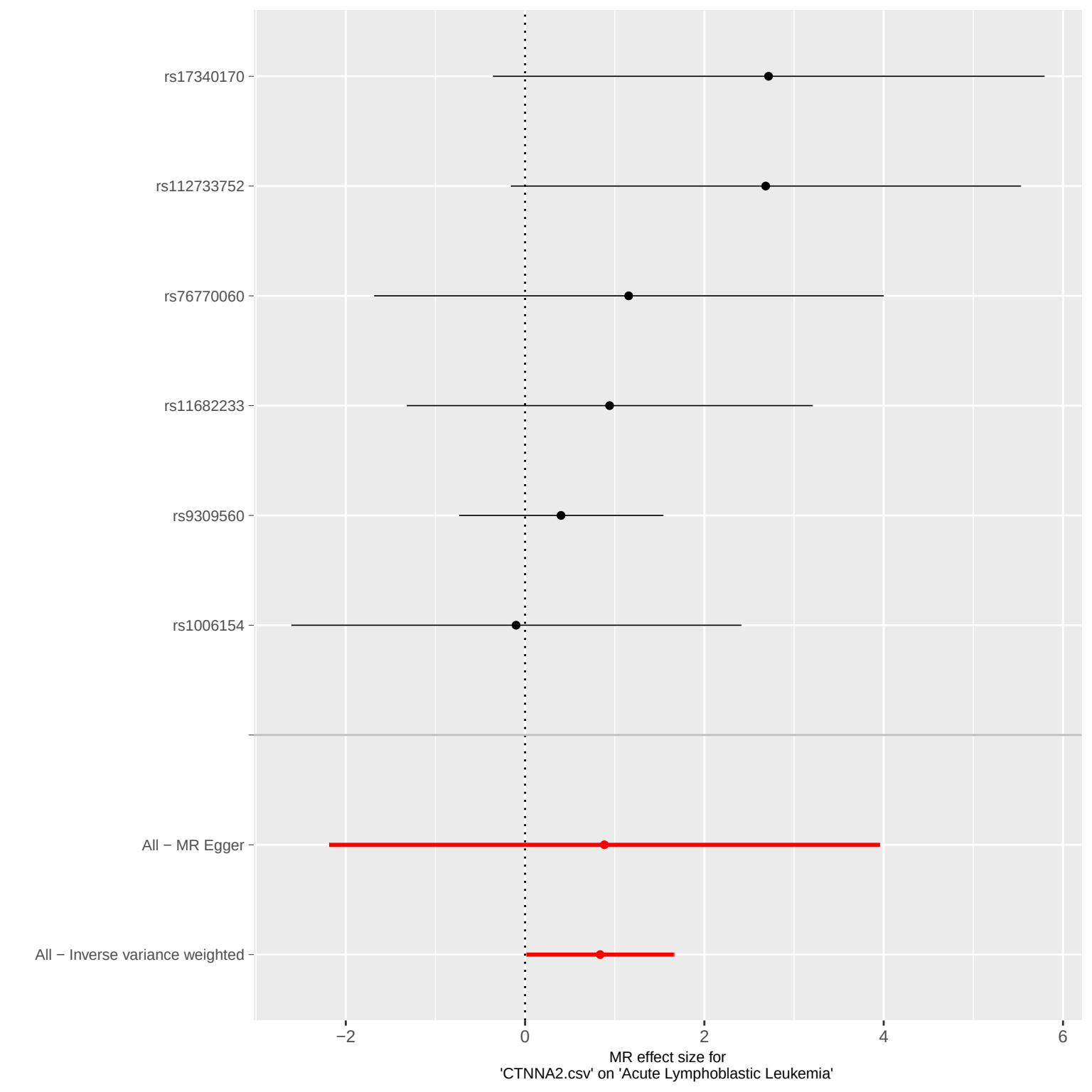
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All − Inverse variance weighted
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MR effect size for
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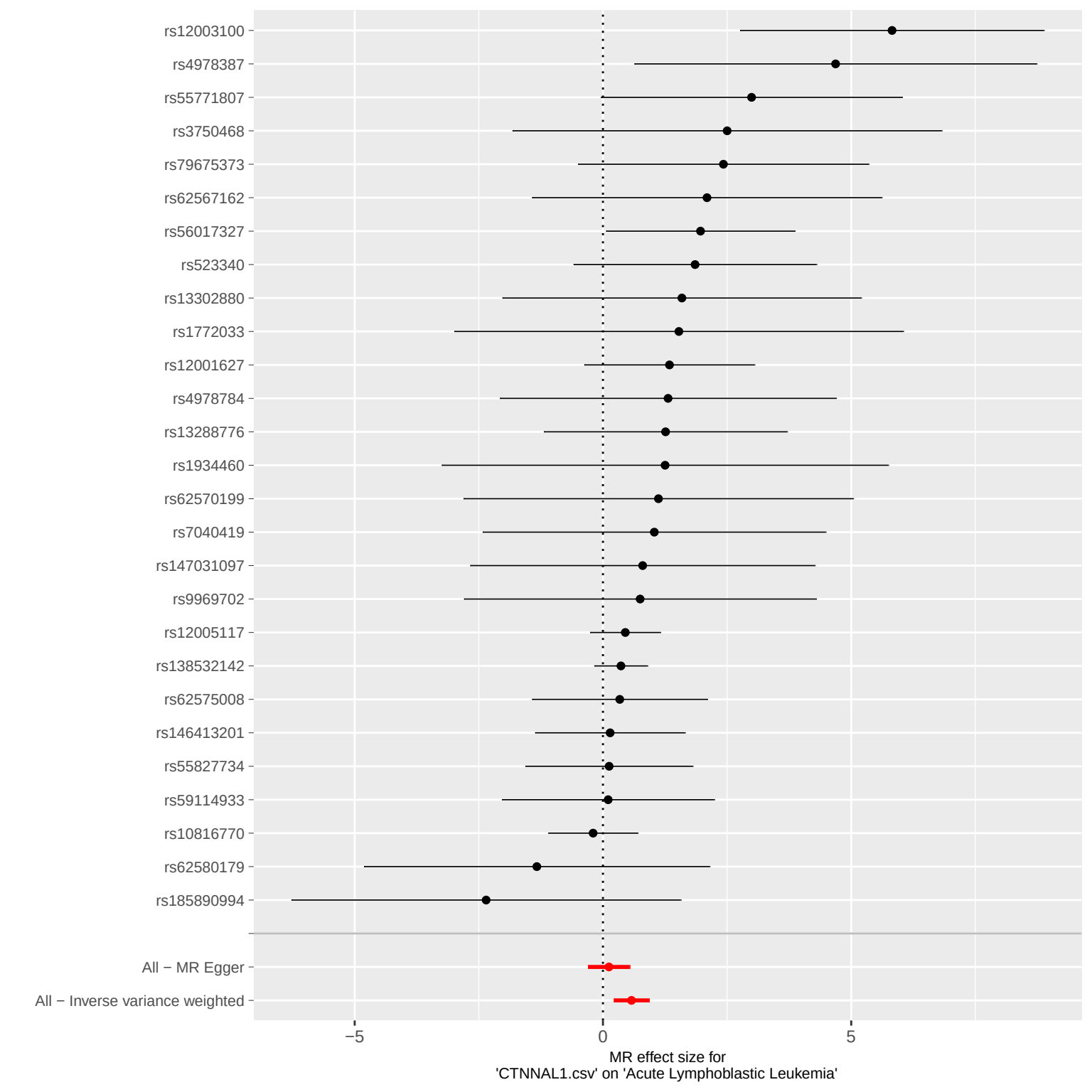
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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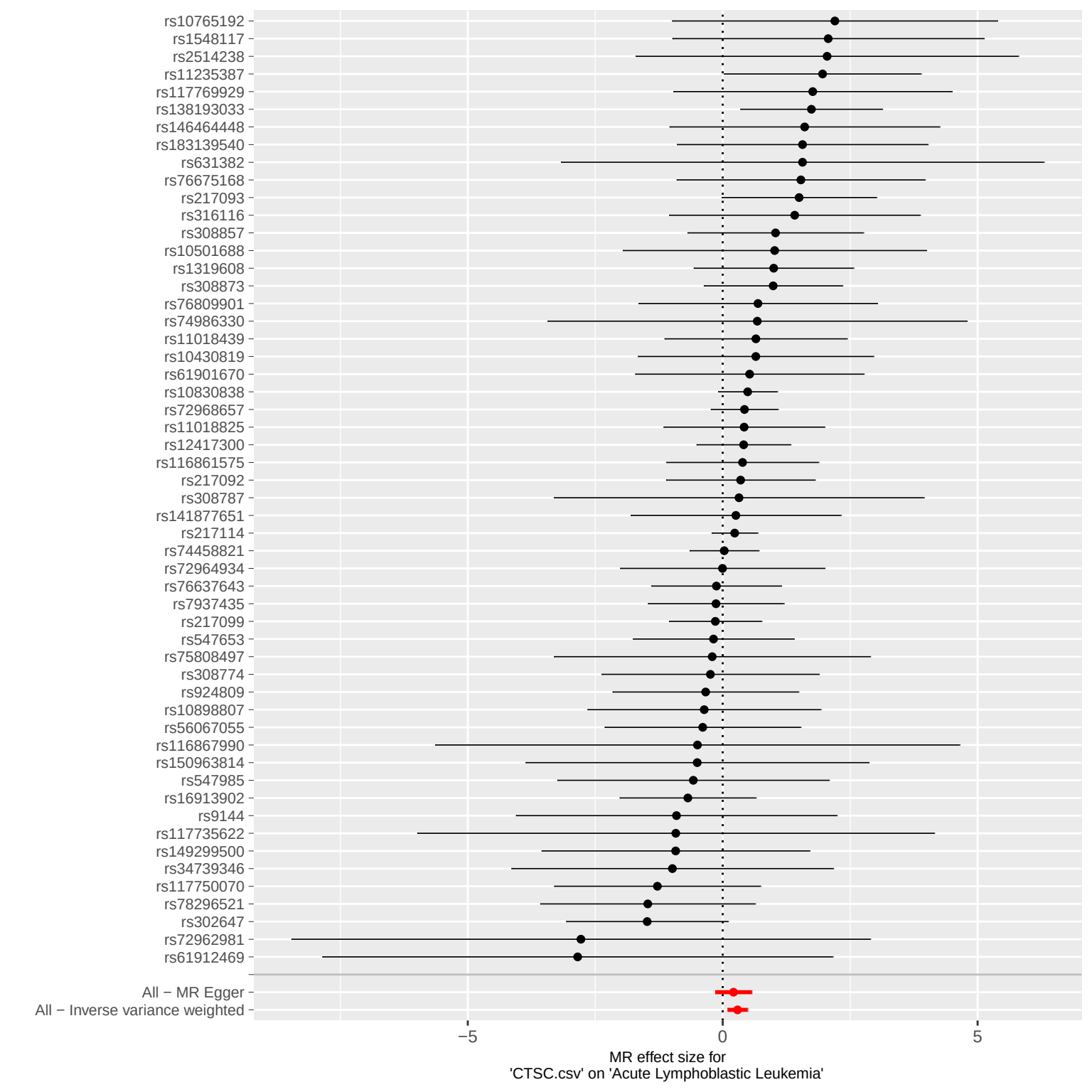
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All − Inverse variance weighted
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MR effect size for
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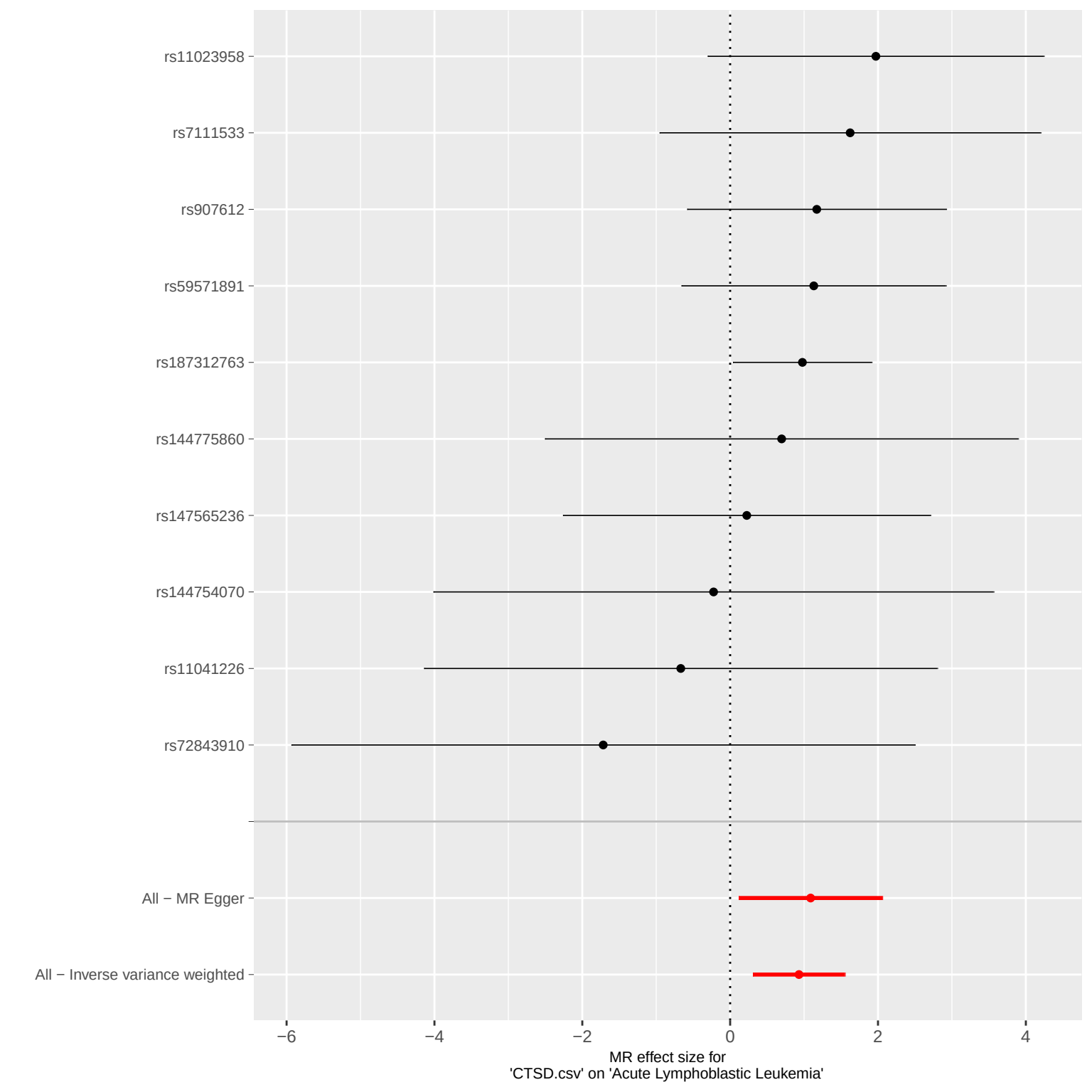
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MR effect size for
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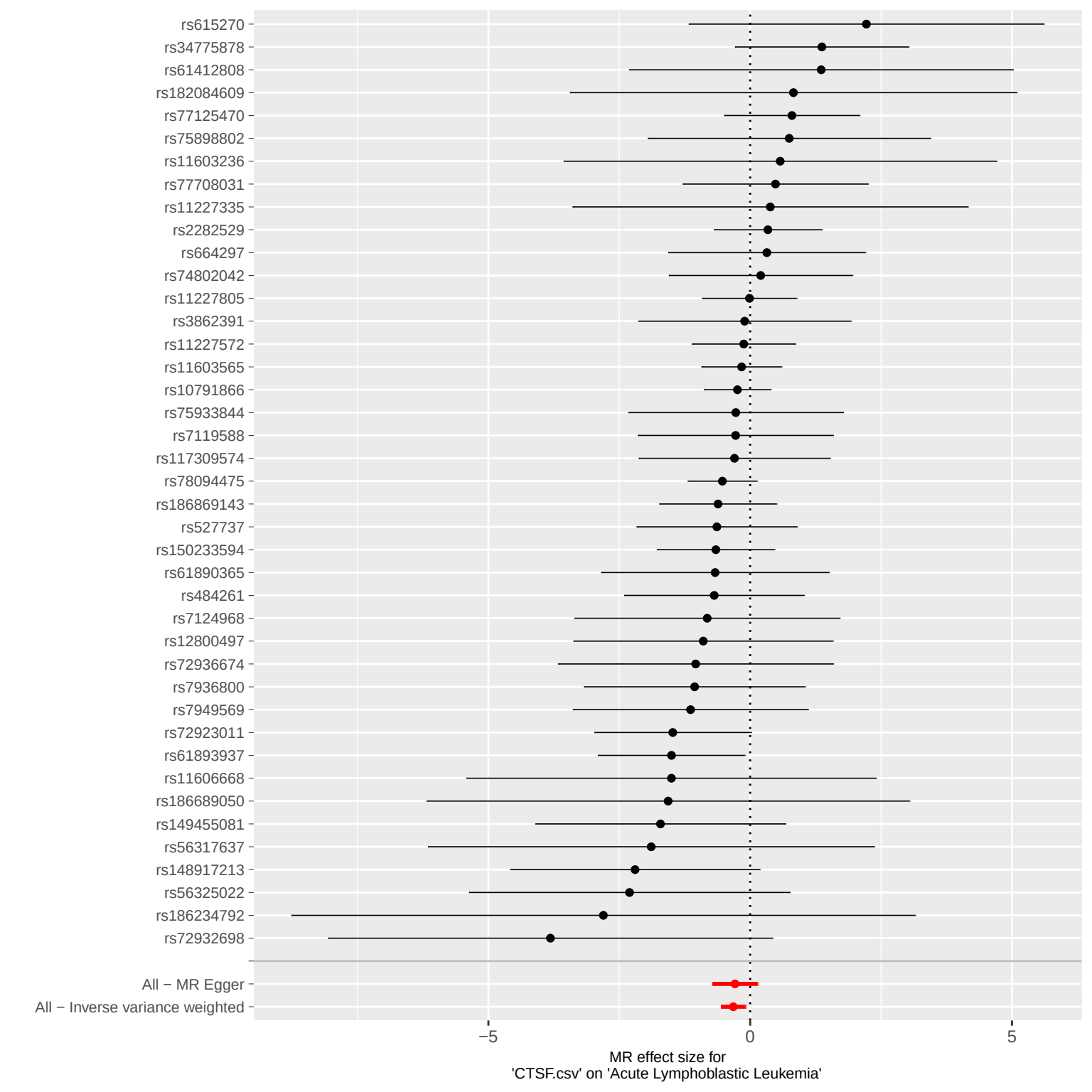
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All − MR Egger
All − Inverse variance weighted
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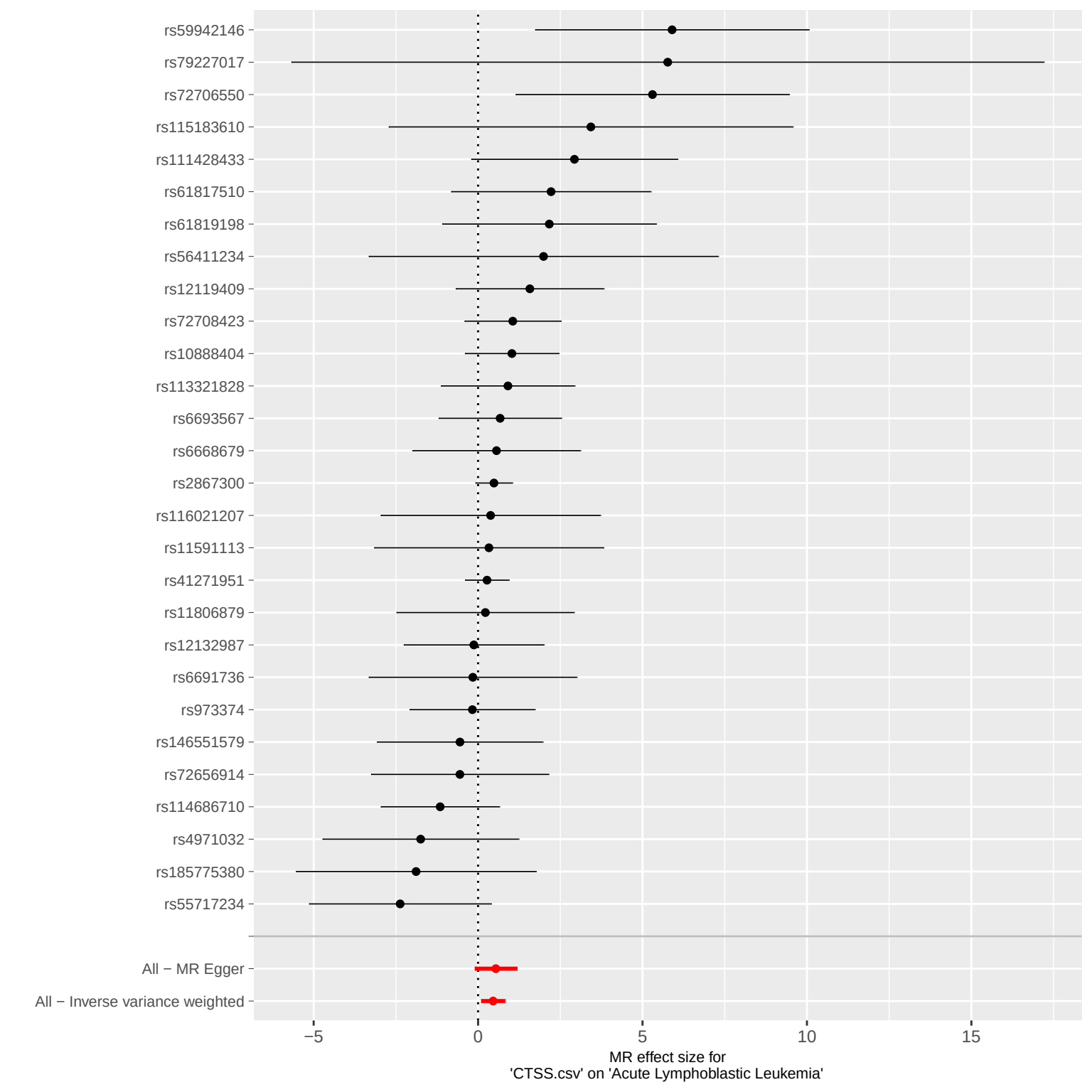
MR effect size for
'CTSF.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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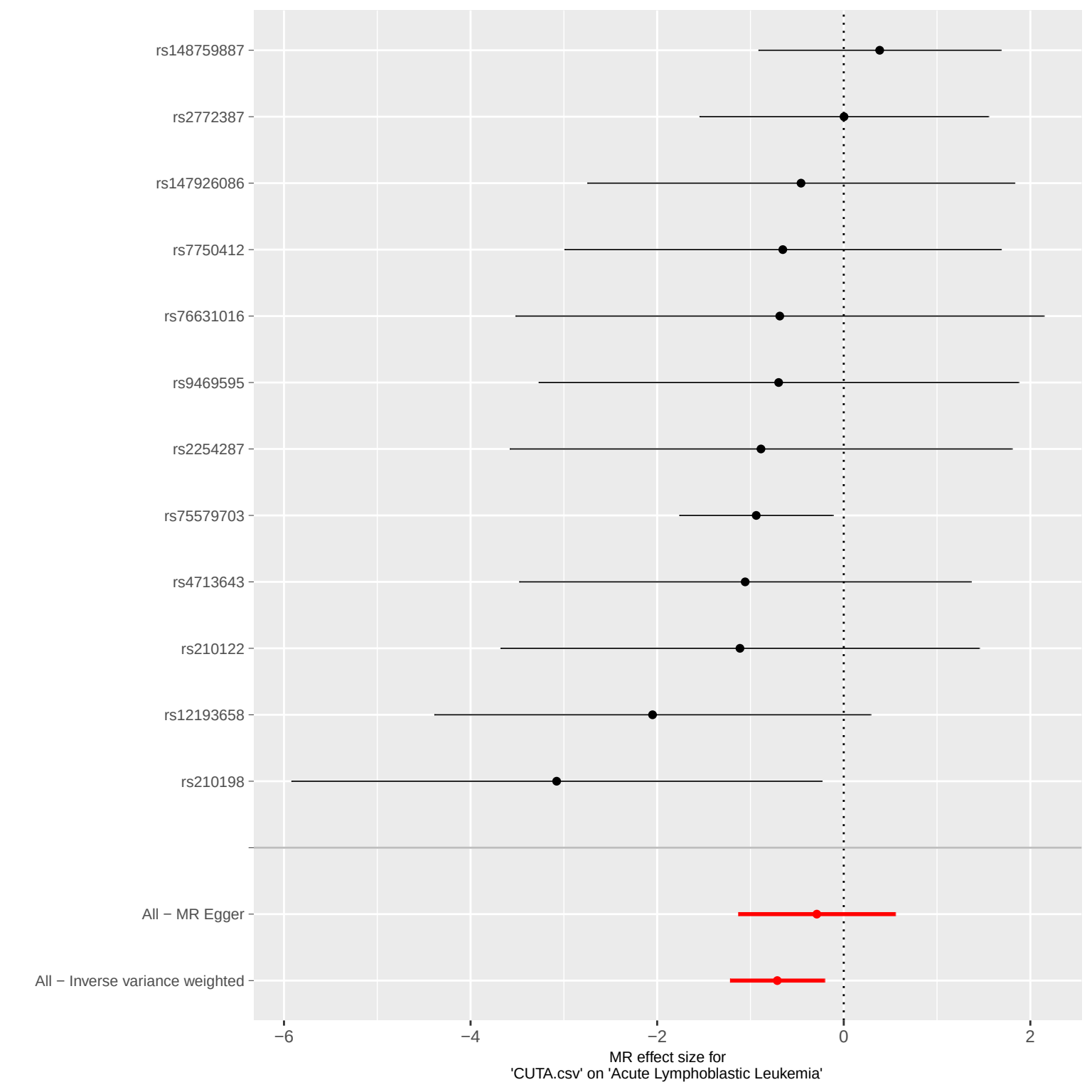
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MR effect size for
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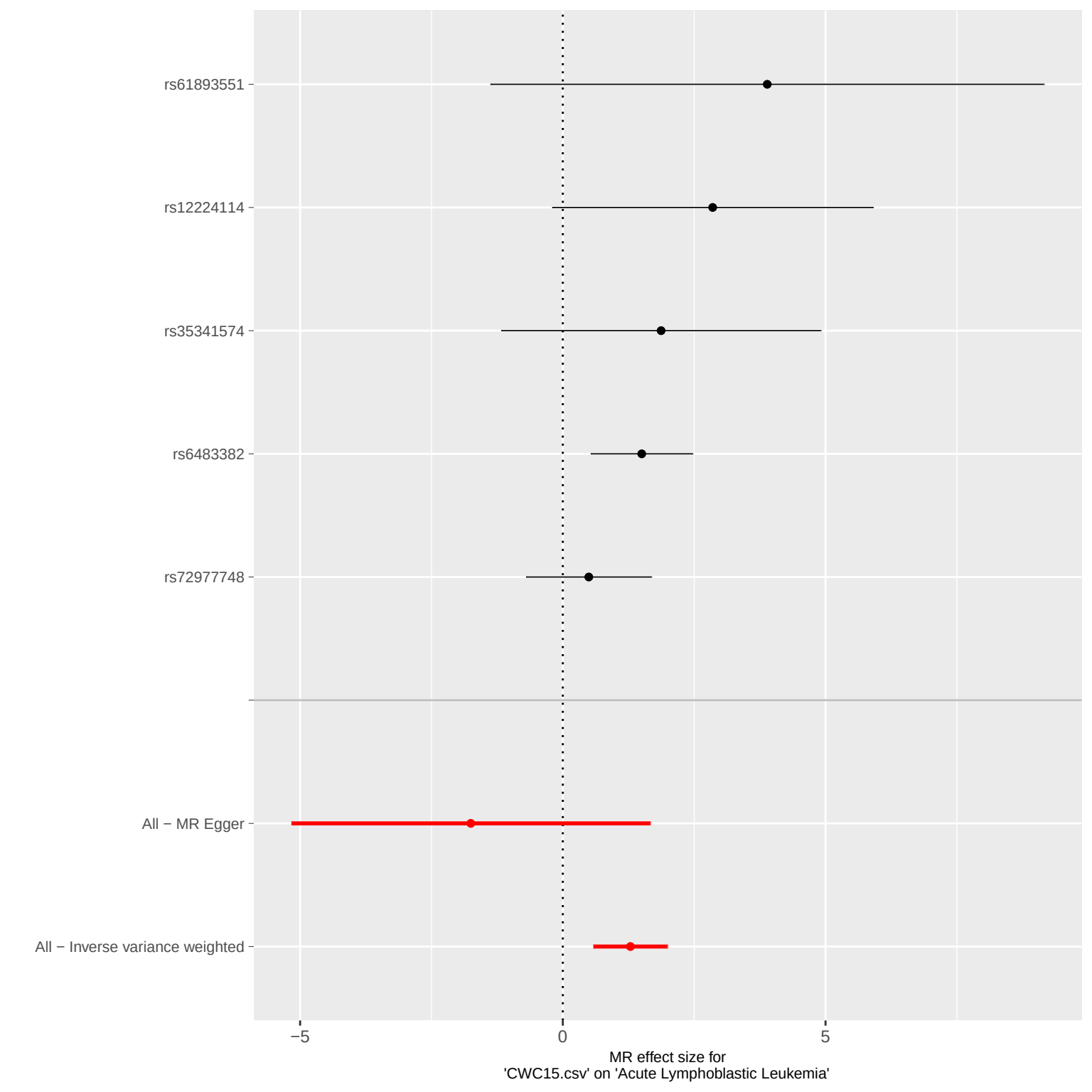
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All − Inverse variance weighted
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MR effect size for
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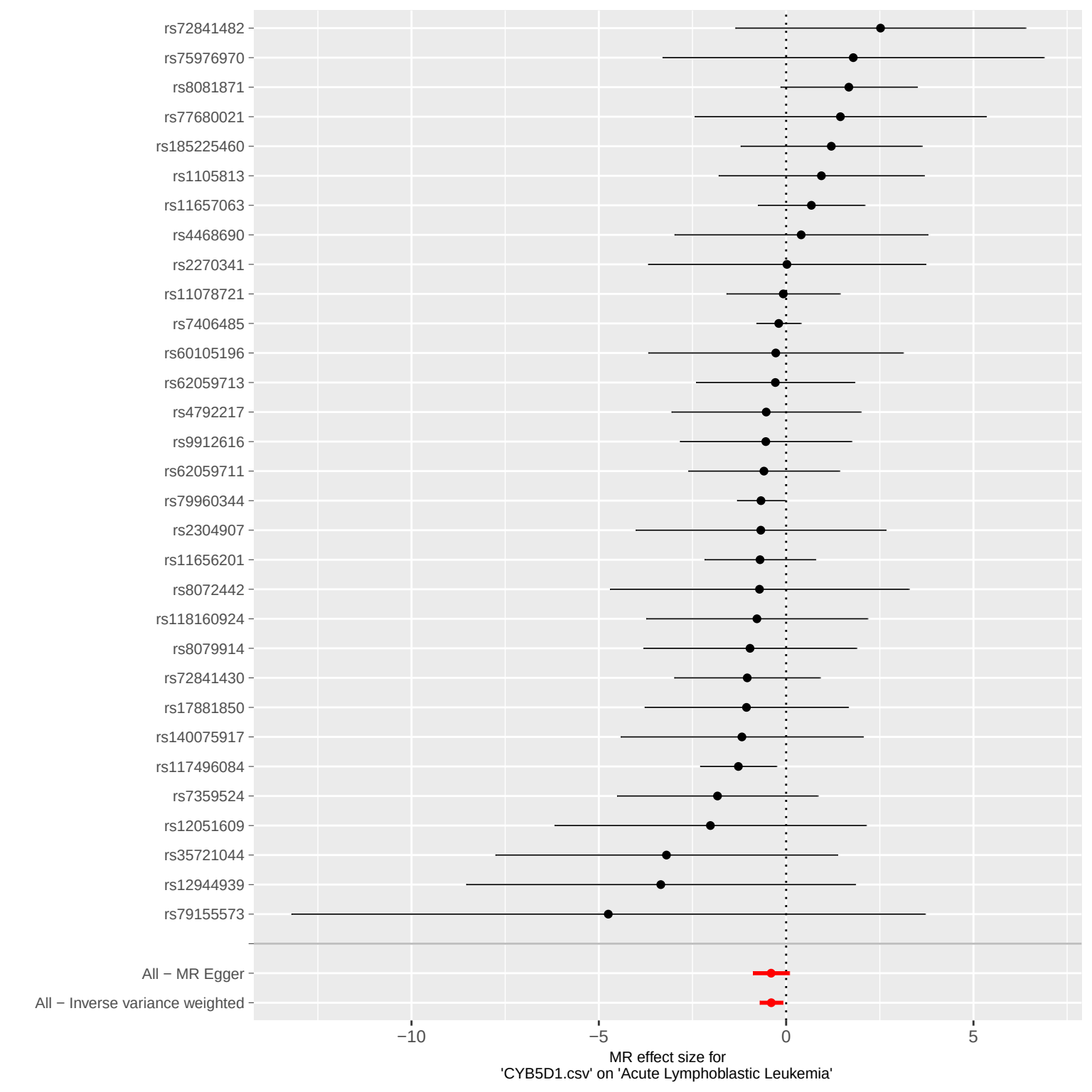
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All − Inverse variance weighted
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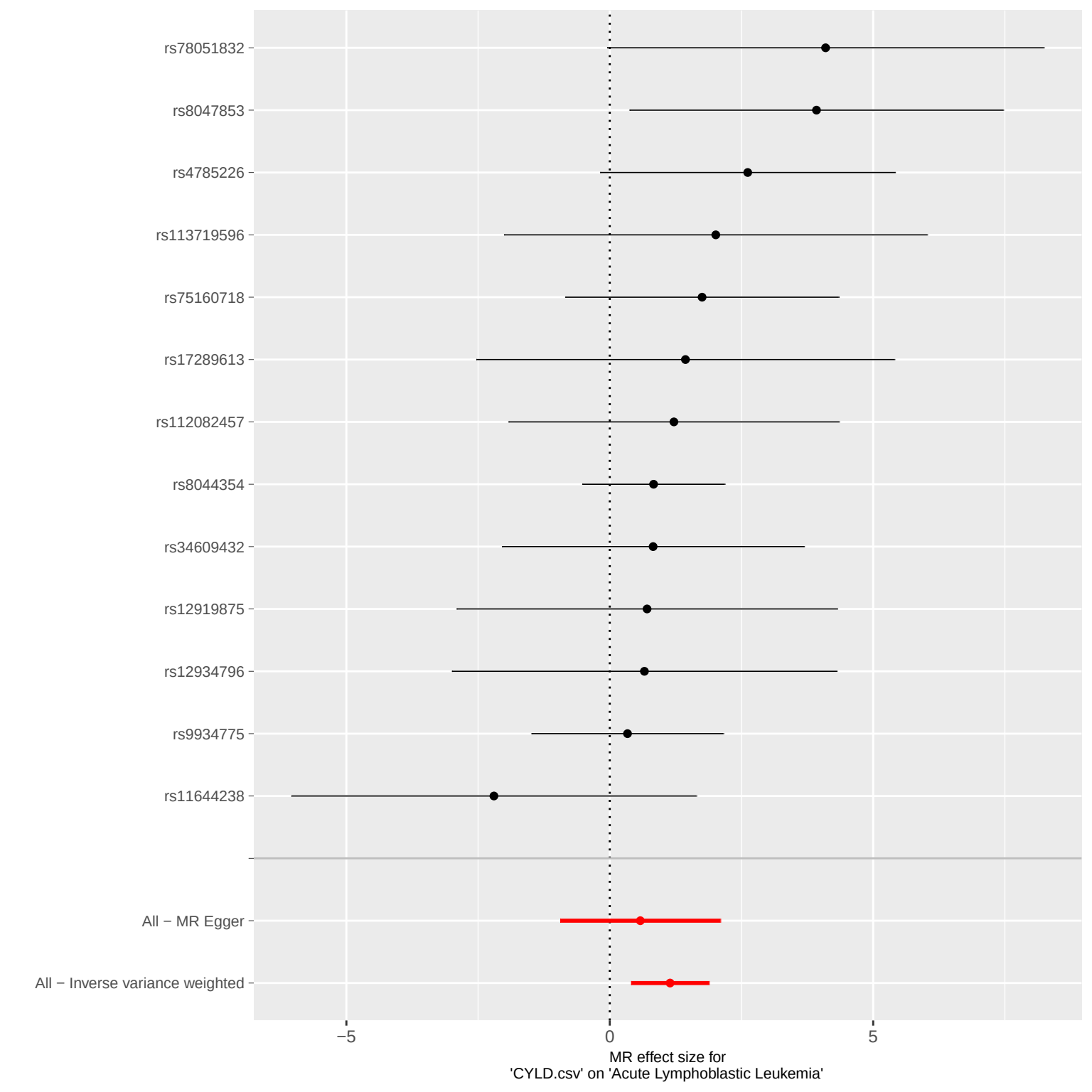
MR effect size for
'CYB5D1.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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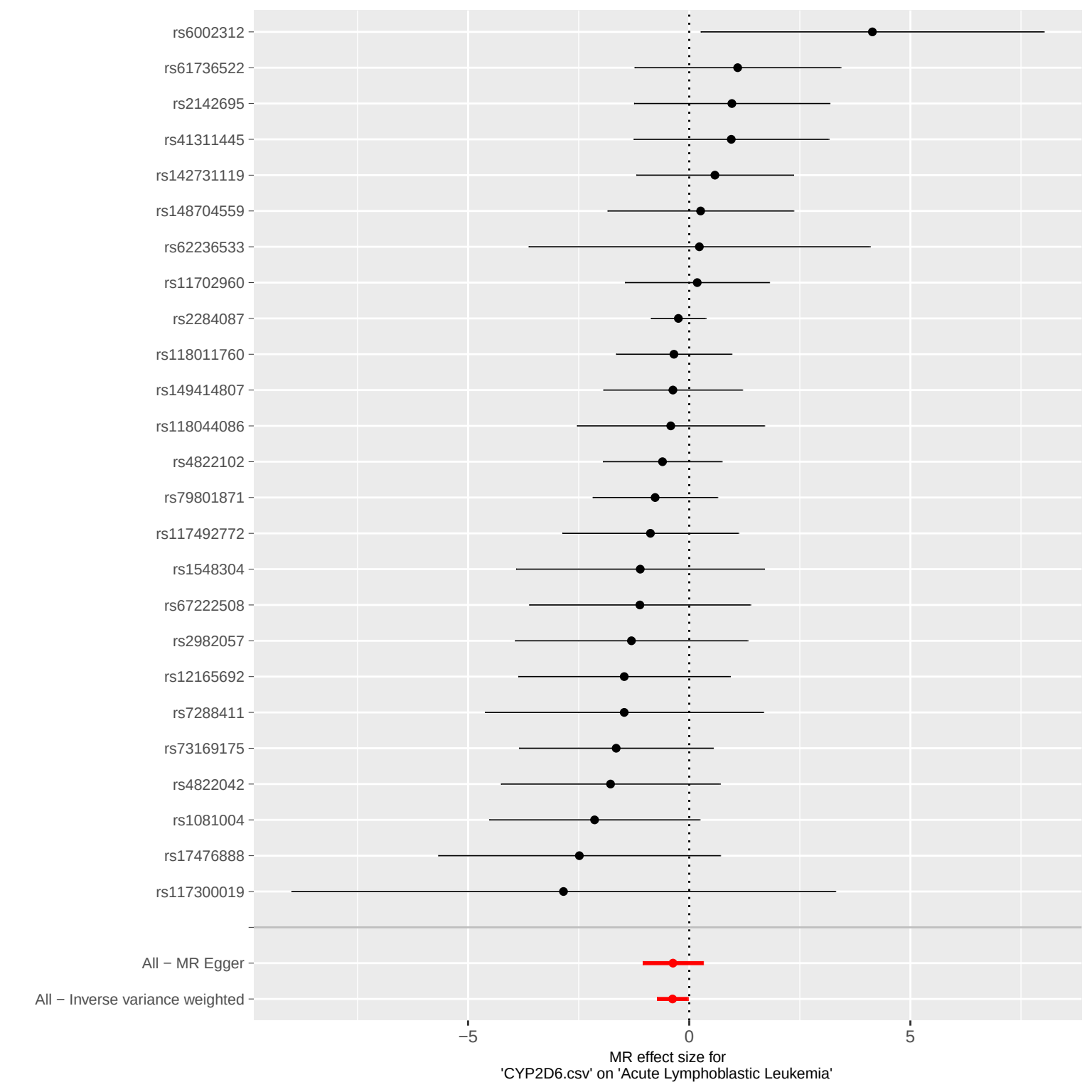
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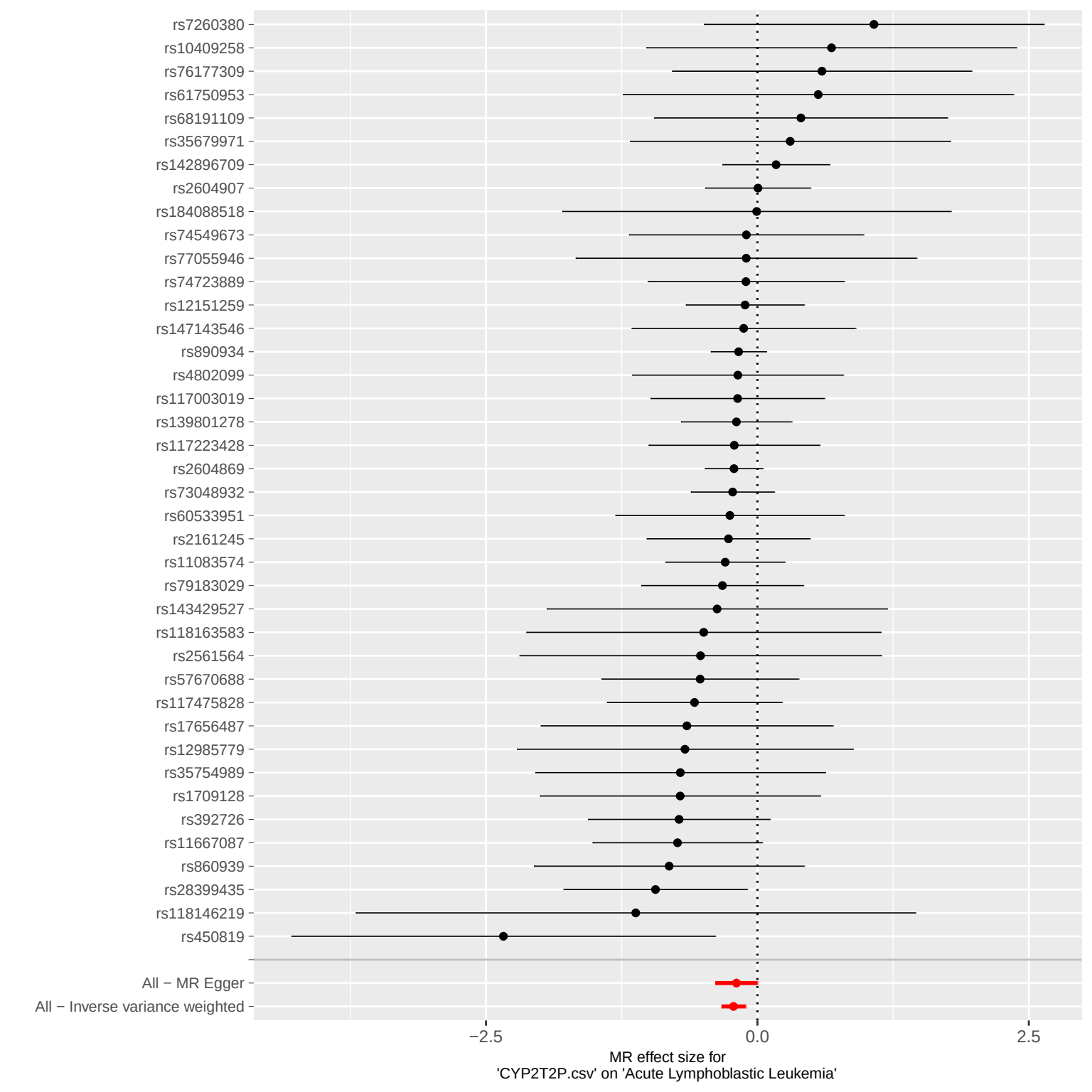
'CYP2D6.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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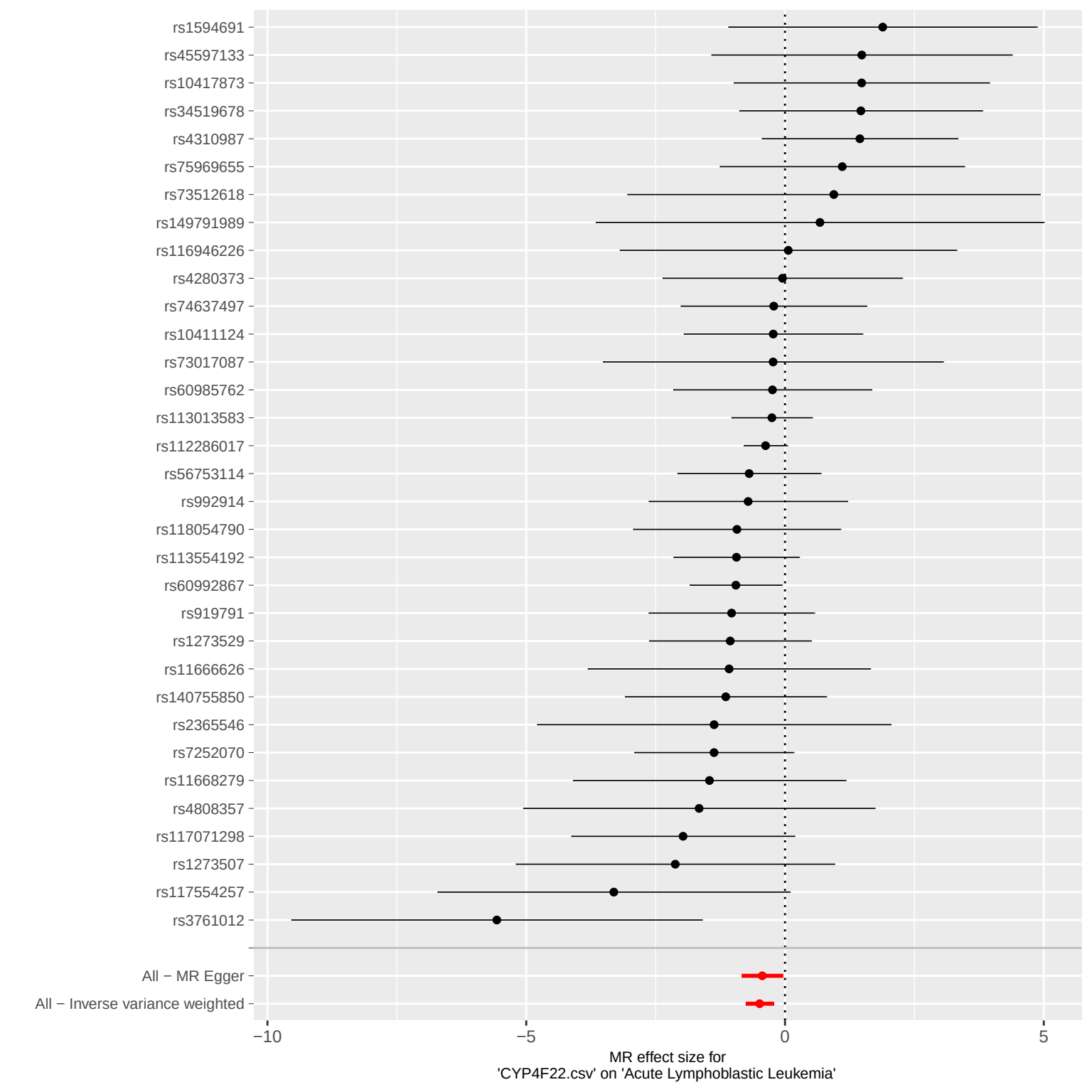
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All − MR Egger
All − Inverse variance weighted
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−5
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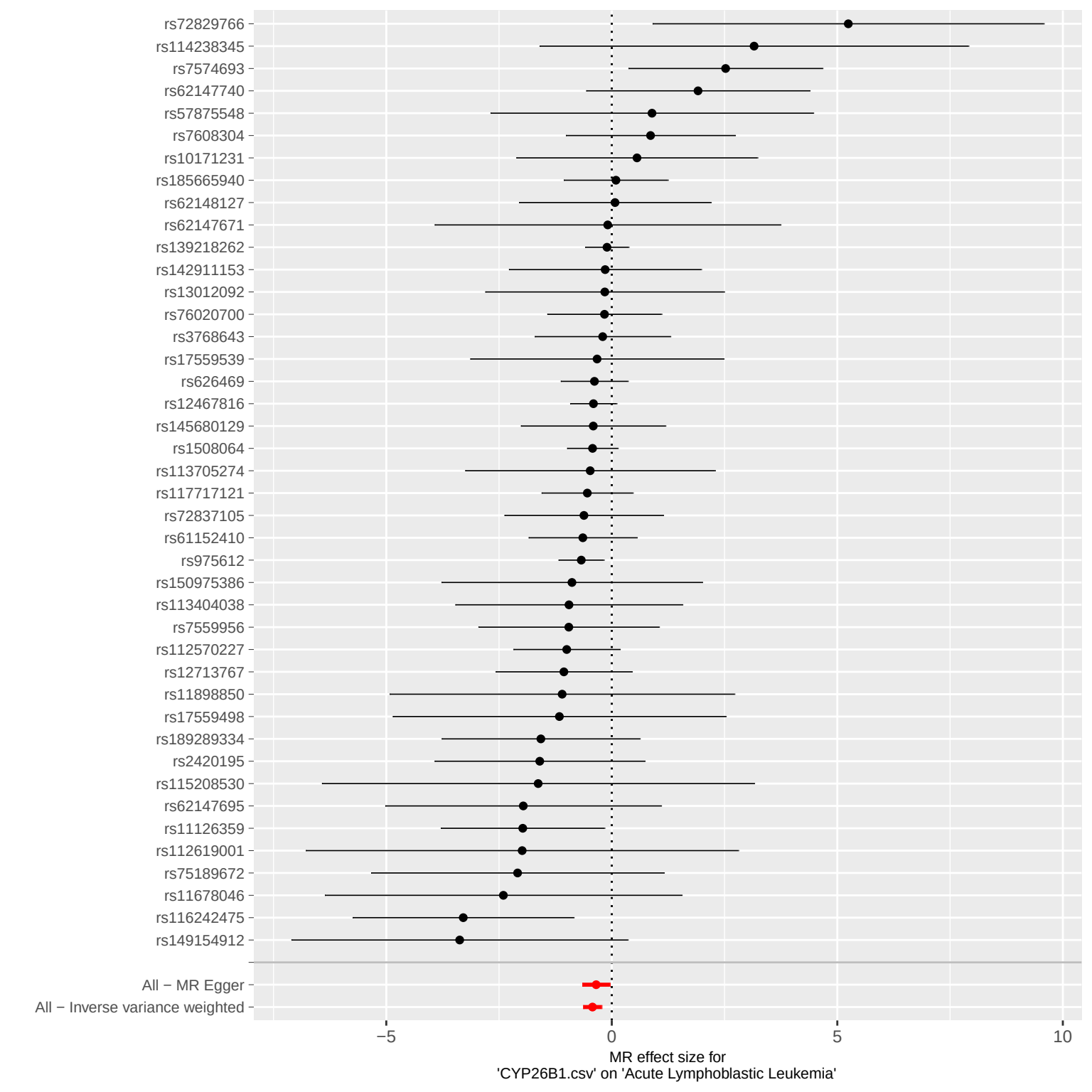
5
MR effect size for
'CYP4F22.csv' on 'Acute Lymphoblastic Leukemia'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rs115208530
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rs75189672
rs11678046
rs116242475
rs149154912
All − MR Egger
All − Inverse variance weighted
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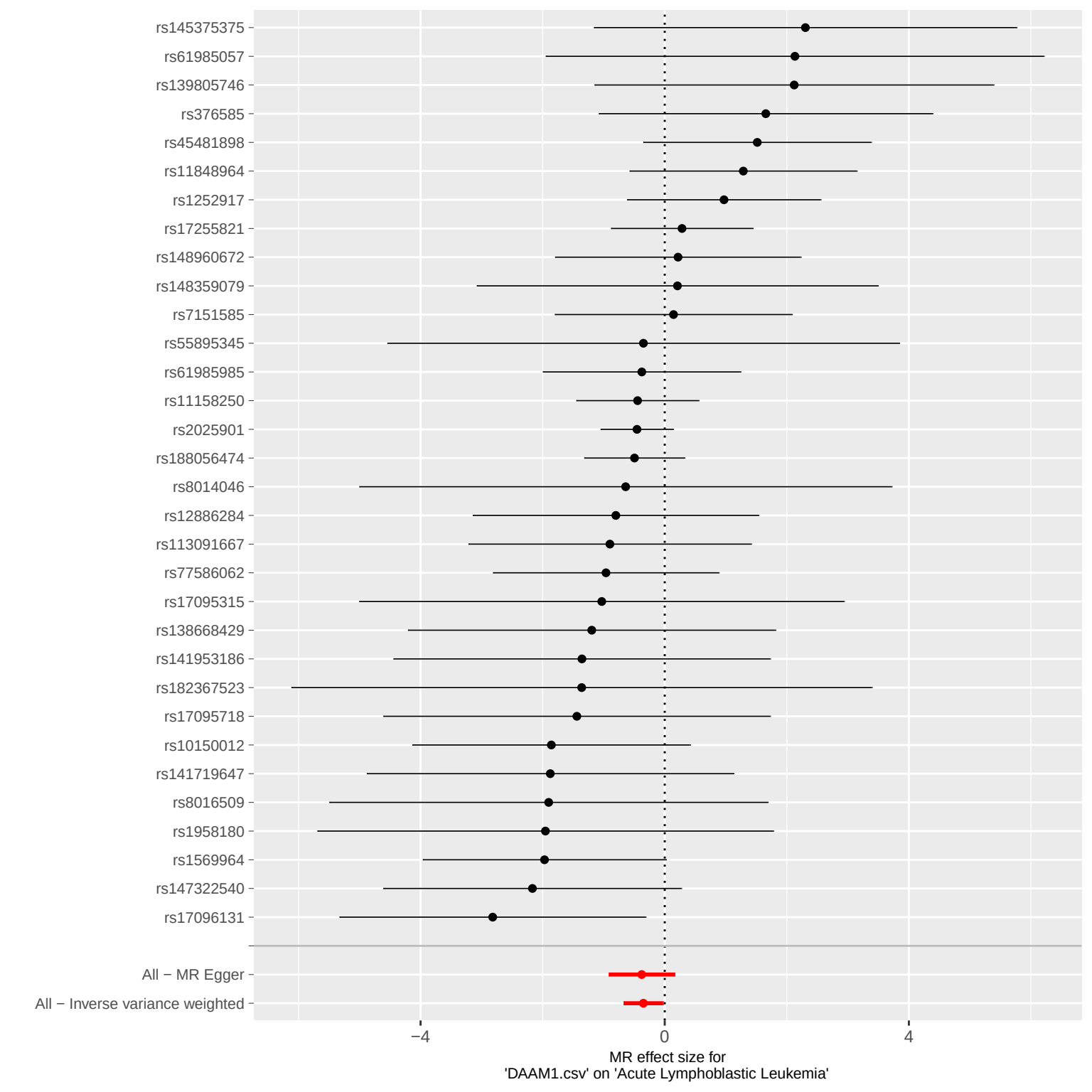
0
5
10
MR effect size for
'CYP26B1.csv' on 'Acute Lymphoblastic Leukemia'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rs141719647
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rs1569964
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All − MR Egger
All − Inverse variance weighted
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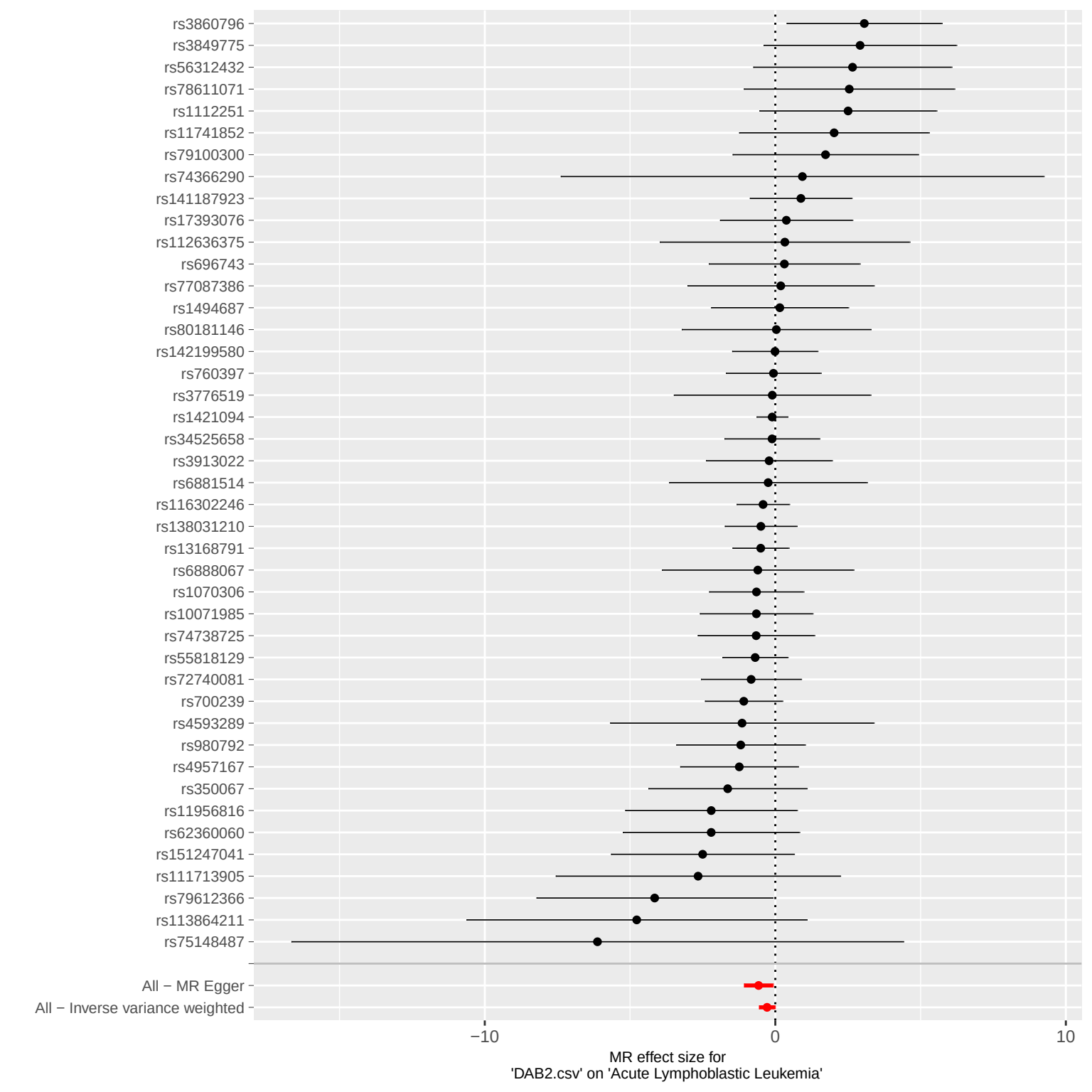
MR effect size for
'DAAM1.csv' on 'Acute Lymphoblastic Leukemia'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rs980792
rs4957167
rs350067
rs11956816
rs62360060
rs151247041
rs111713905
rs79612366
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All − MR Egger
All − Inverse variance weighted
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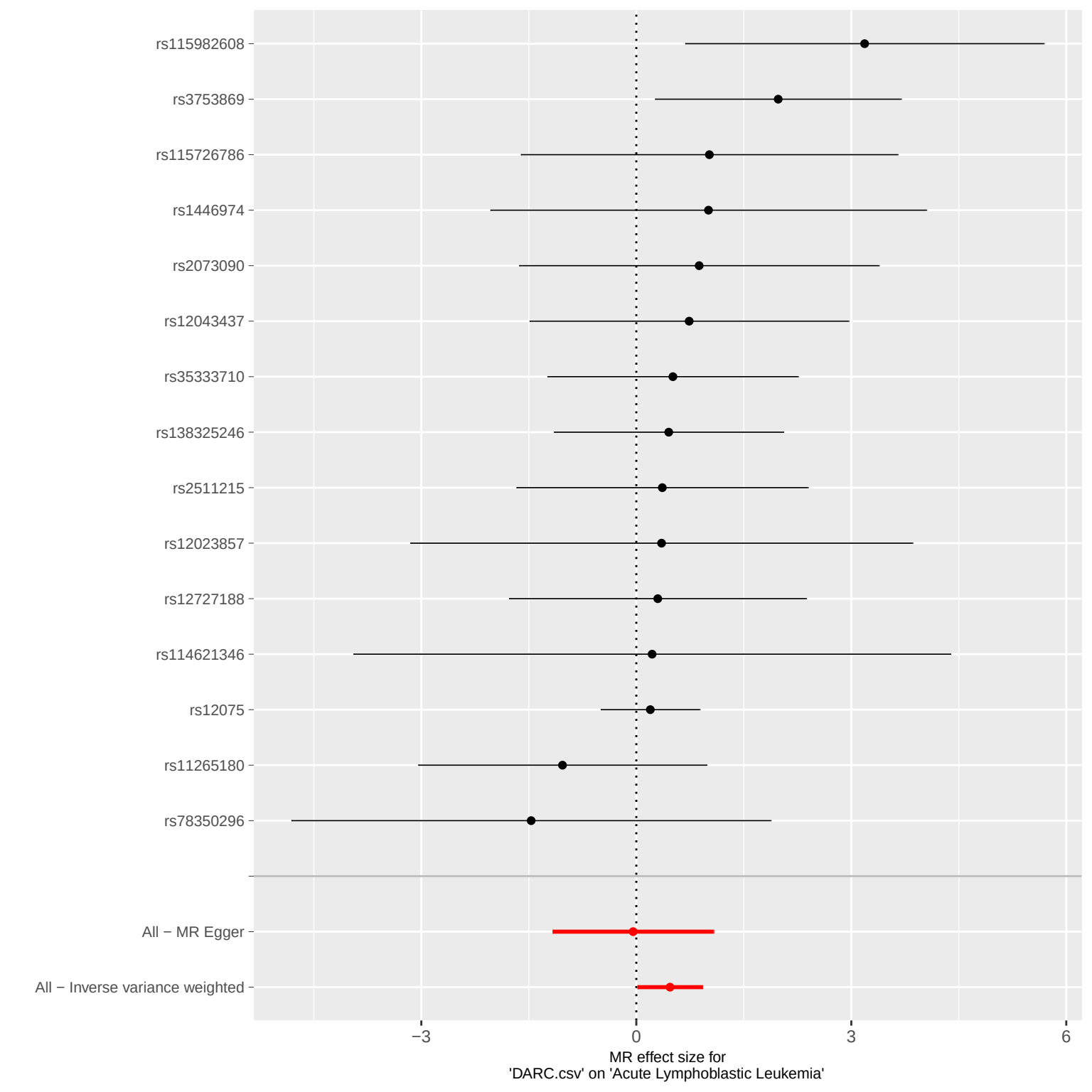
MR effect size for
'DAB2.csv' on 'Acute Lymphoblastic Leukemia'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rs12023857
rs12727188
rs114621346
rs12075
rs11265180
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All − MR Egger
All − Inverse variance weighted
−3
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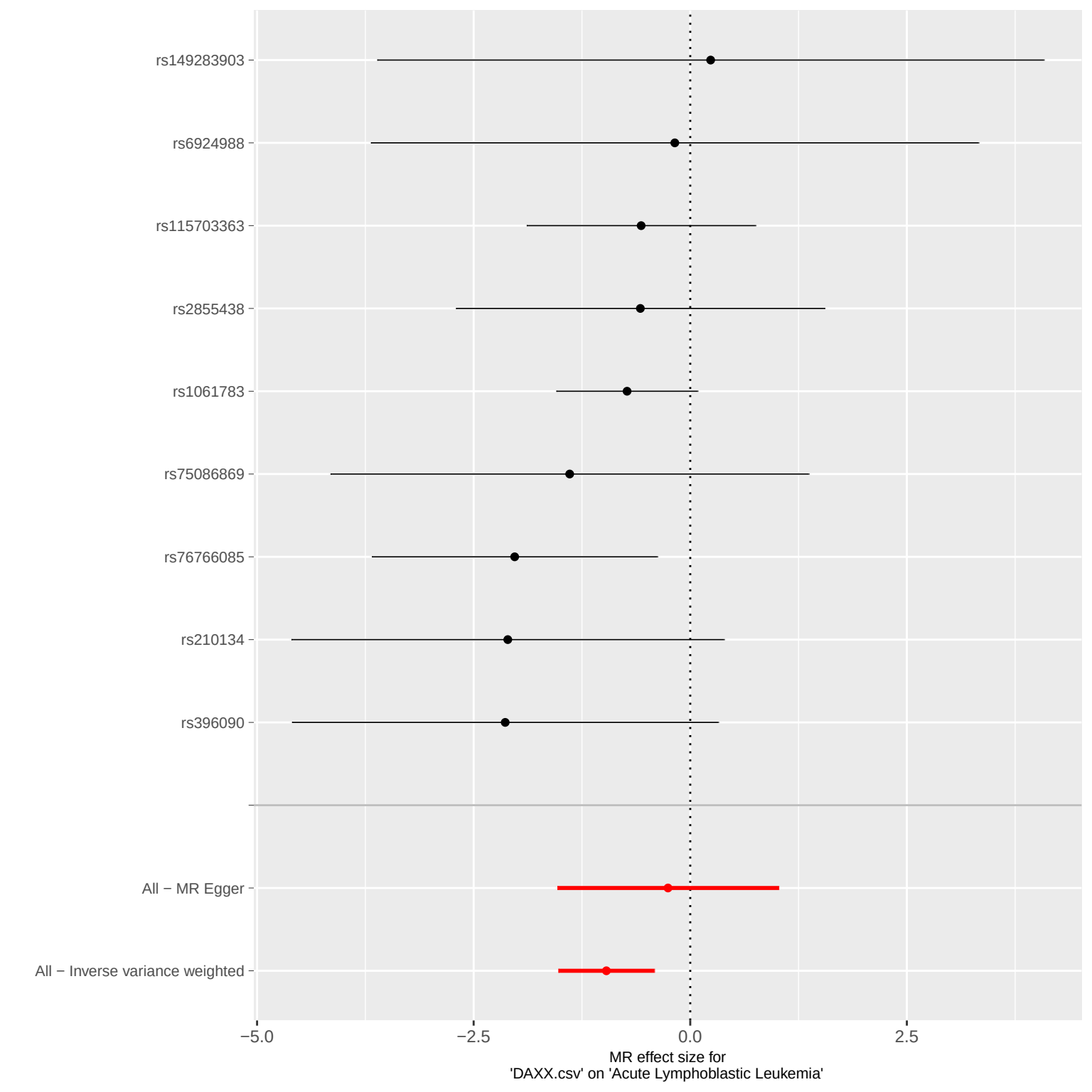
3
6
MR effect size for
'DARC.csv' on 'Acute Lymphoblastic Leukemia'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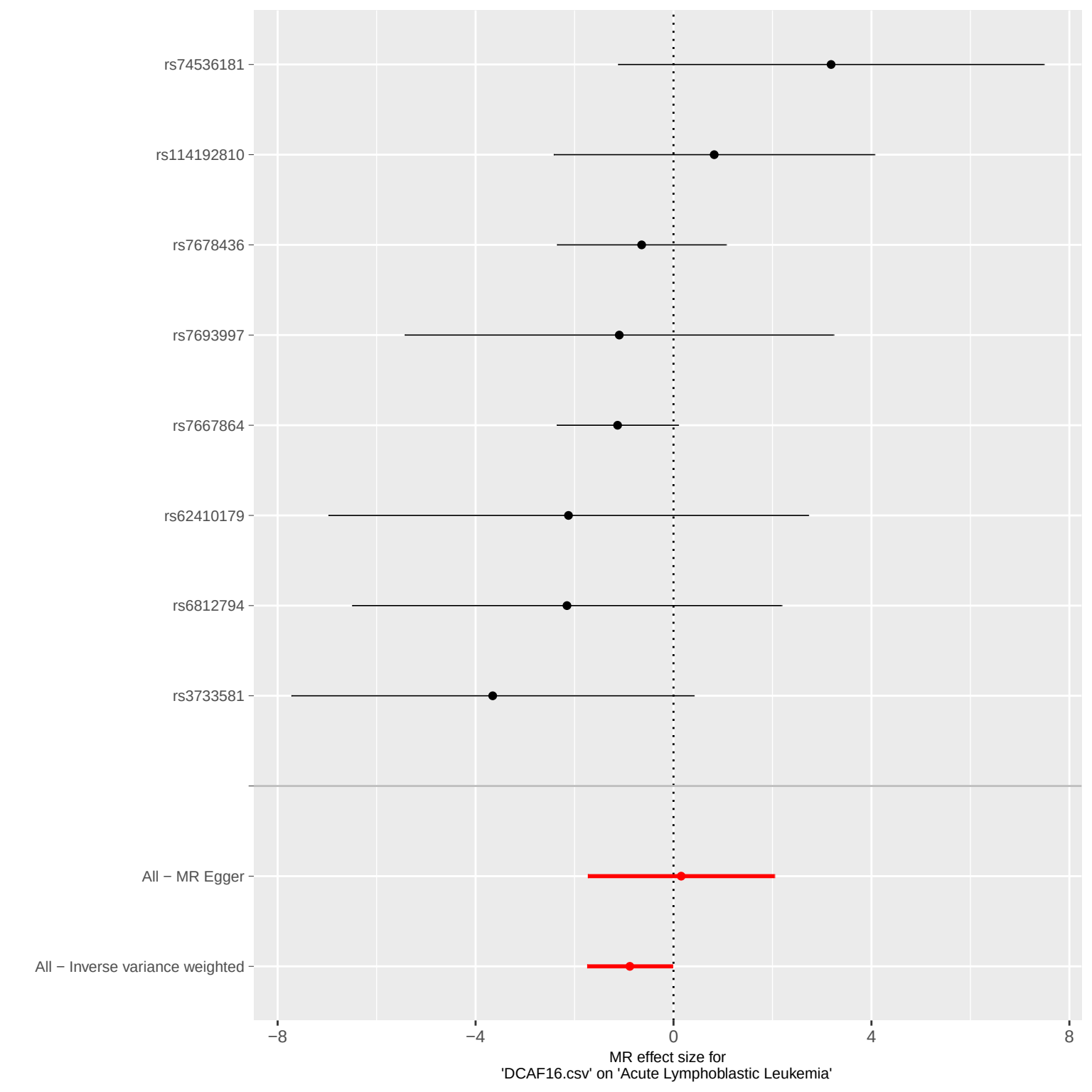
rs1061783
rs75086869
rs76766085
rs210134
rs396090
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'DAXX.csv' on 'Acute Lymphoblastic Leukemia'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rs114192810
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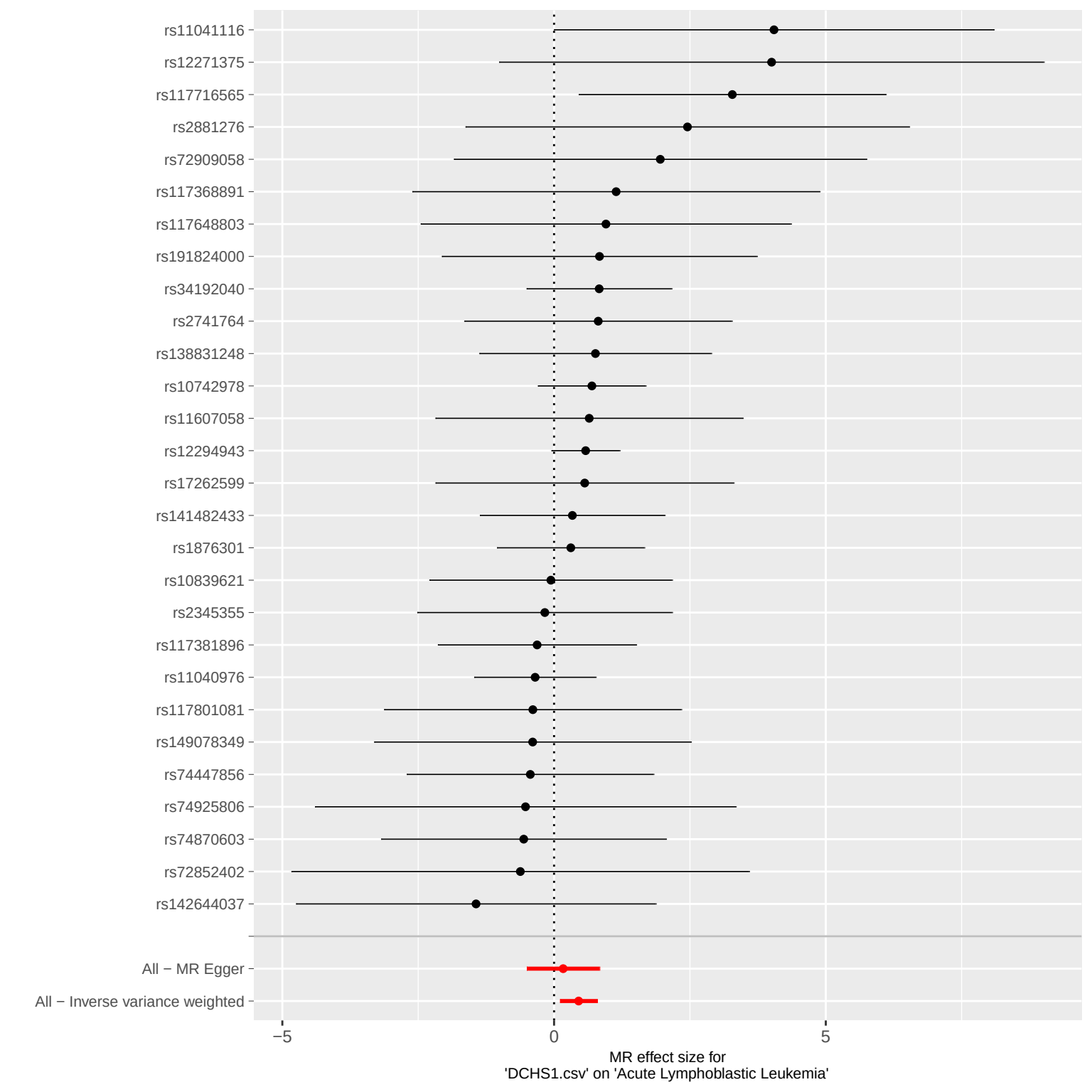
rs7667864
rs62410179
rs6812794
rs3733581
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'DCAF16.csv' on 'Acute Lymphoblastic Leukemia'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rs10742978
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rs12294943
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rs141482433
rs1876301
rs10839621
rs2345355
rs117381896
rs11040976
rs117801081
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rs74925806
rs74870603
rs72852402
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All − MR Egger
All − Inverse variance weighted
−5
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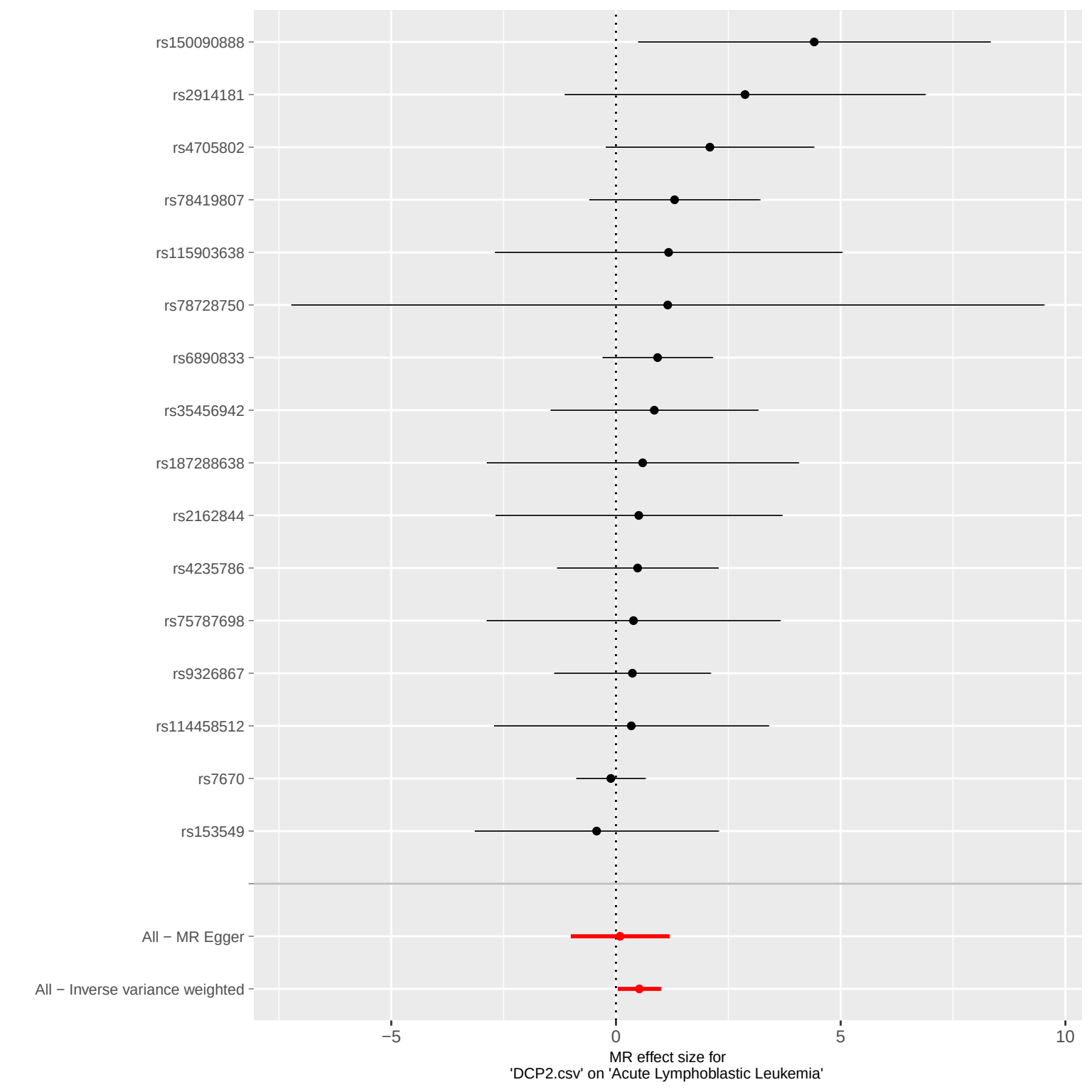
5
MR effect size for
'DCHS1.csv' on 'Acute Lymphoblastic Leukemia'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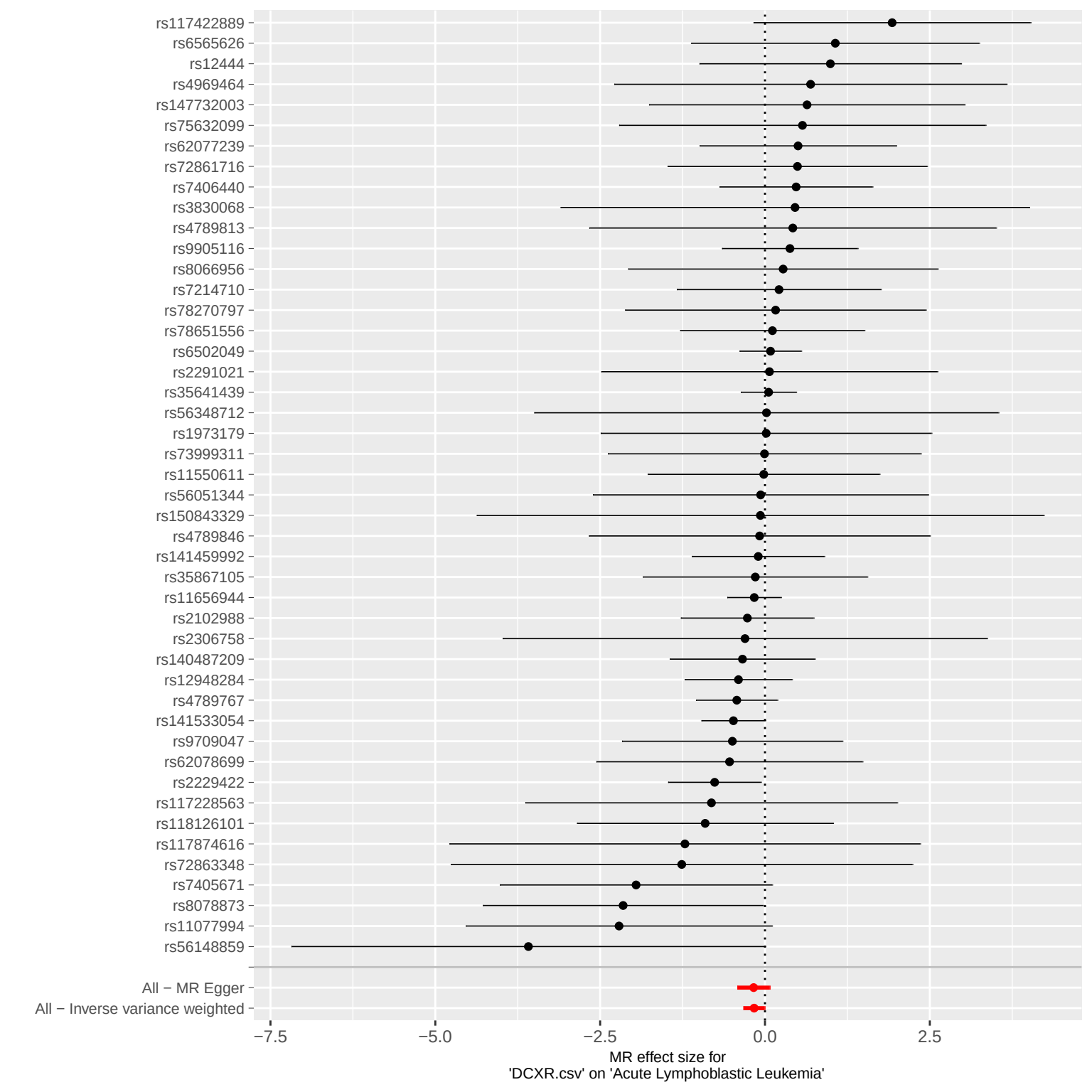
rs2162844
rs4235786
rs75787698
rs9326867
rs114458512
rs7670
rs153549
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'DCP2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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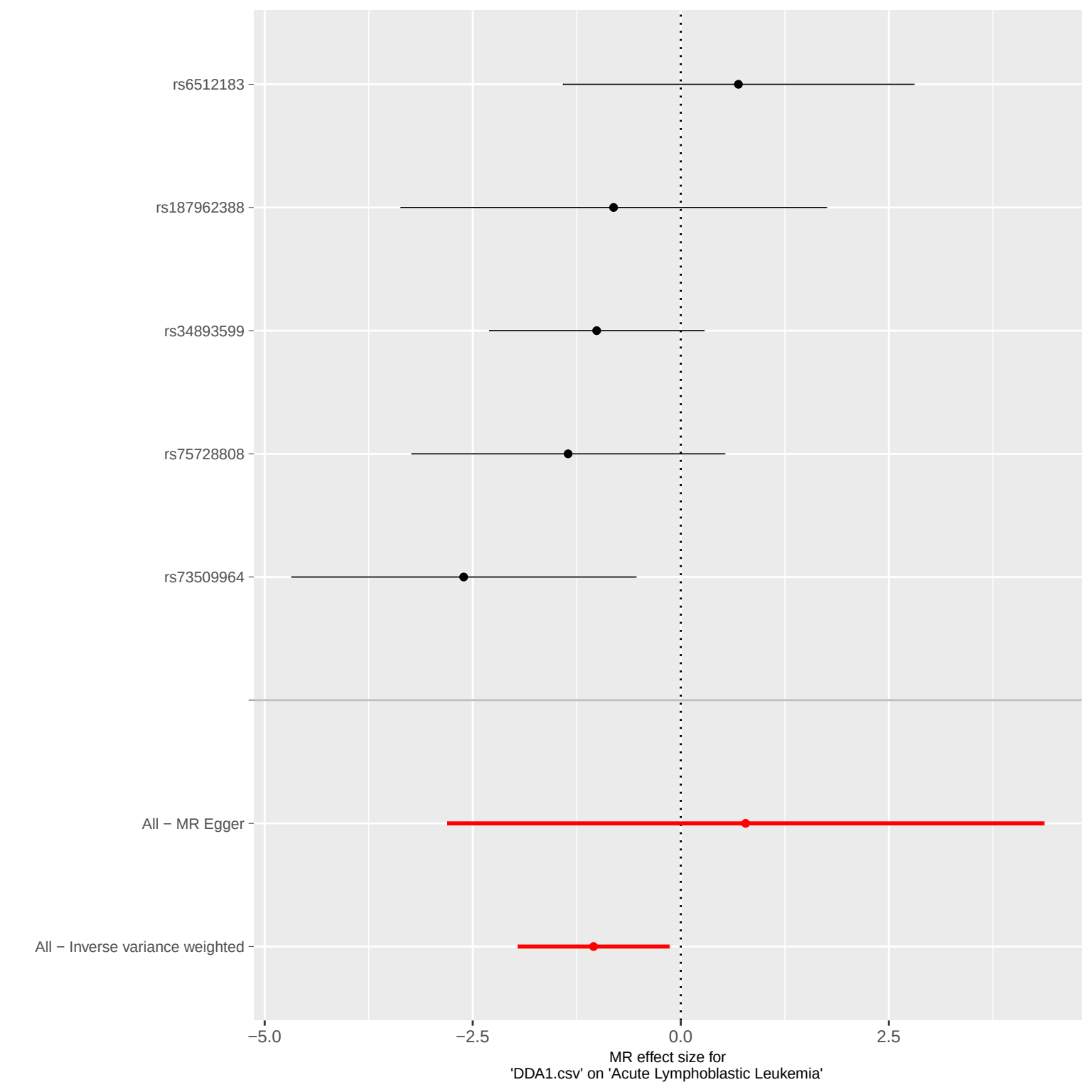
−5.0
−2.5
0.0
2.5
MR effect size for
'DCXR.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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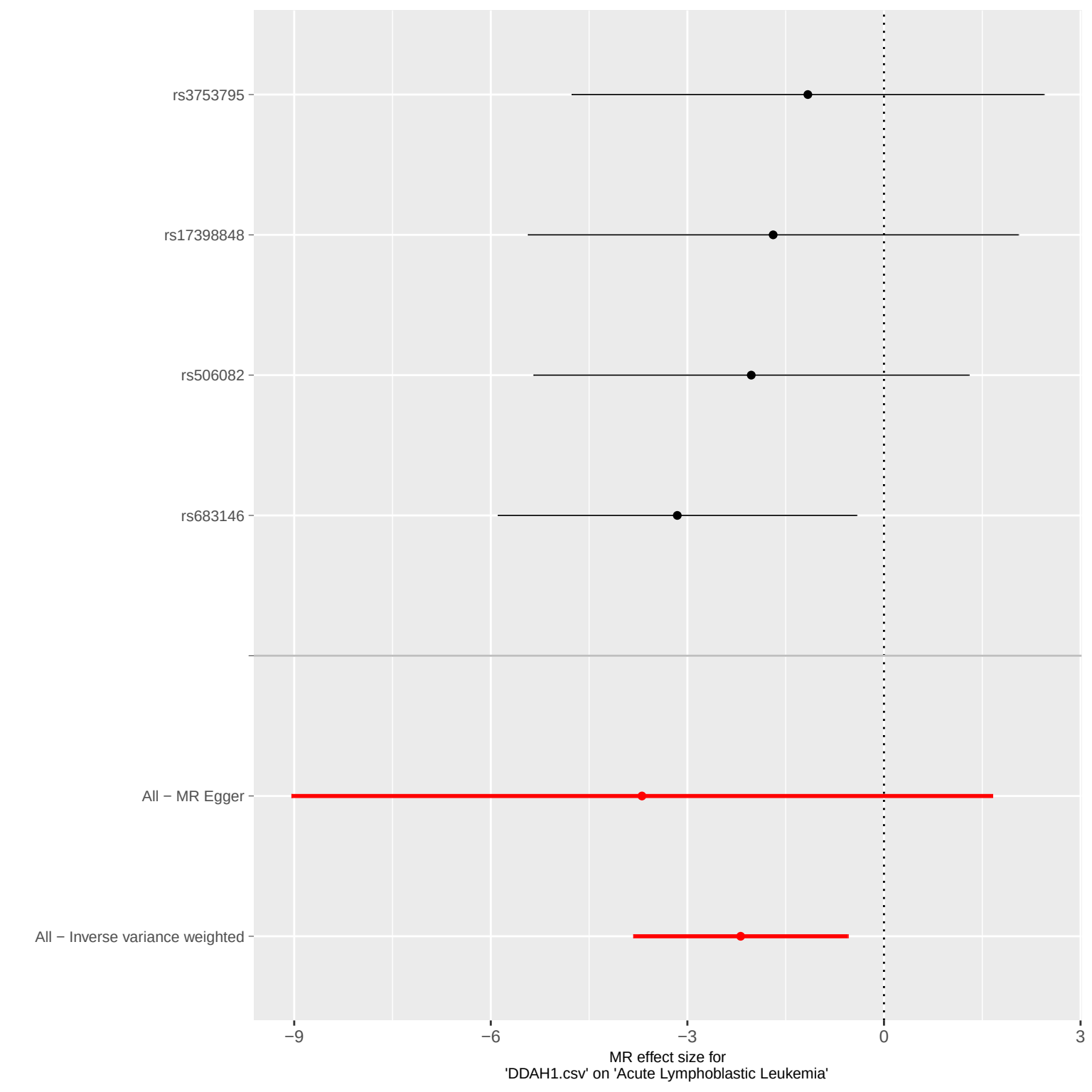
0.0
2.5
MR effect size for
'DDA1.csv' on 'Acute Lymphoblastic Leukemia'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rs506082
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All − Inverse variance weighted
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−6
−3
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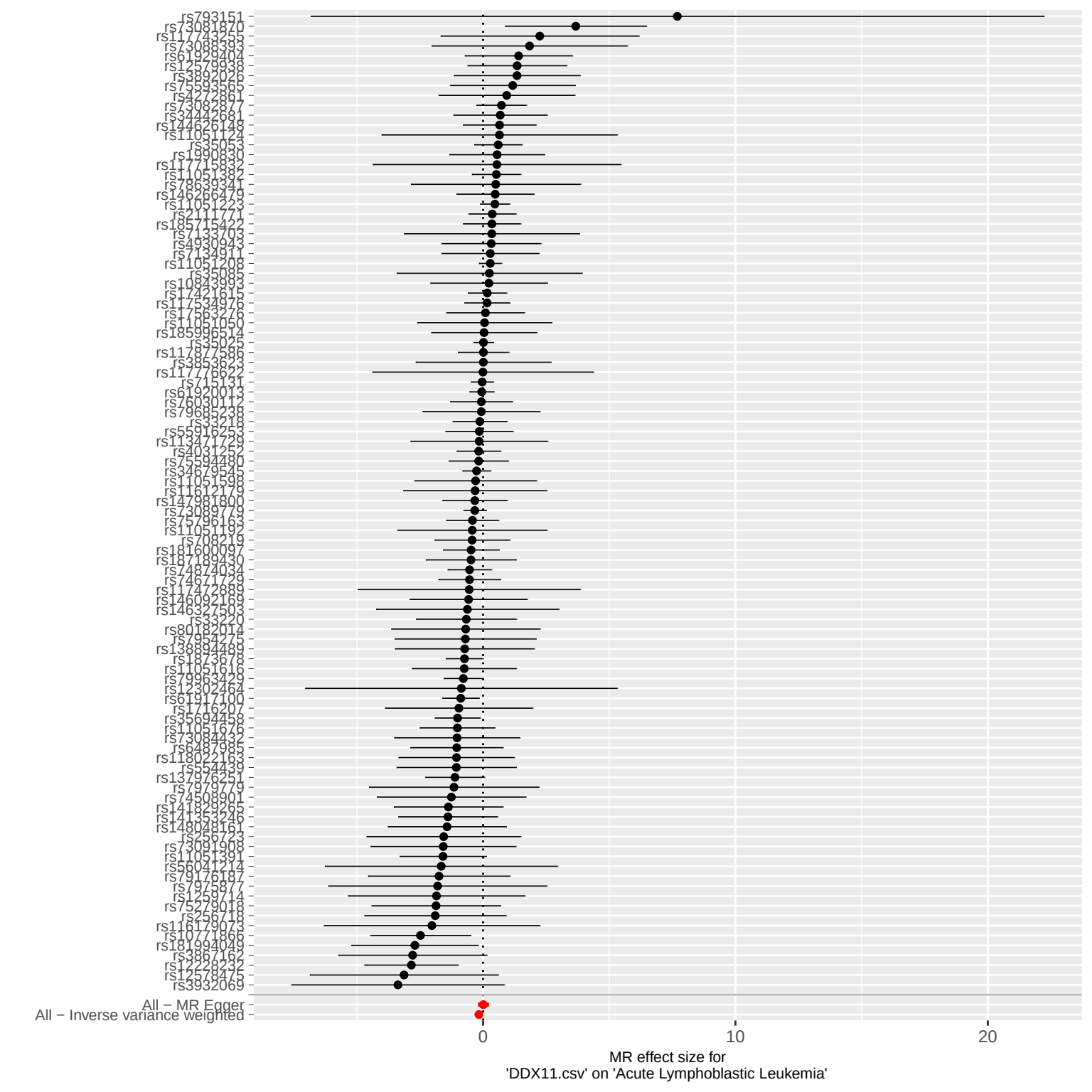
MR effect size for
'DDAH1.csv' on 'Acute Lymphoblastic Leukemia'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rs181994049
rs3867162
rs1228226
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All − MR Egger
All − Inverse variance weighted
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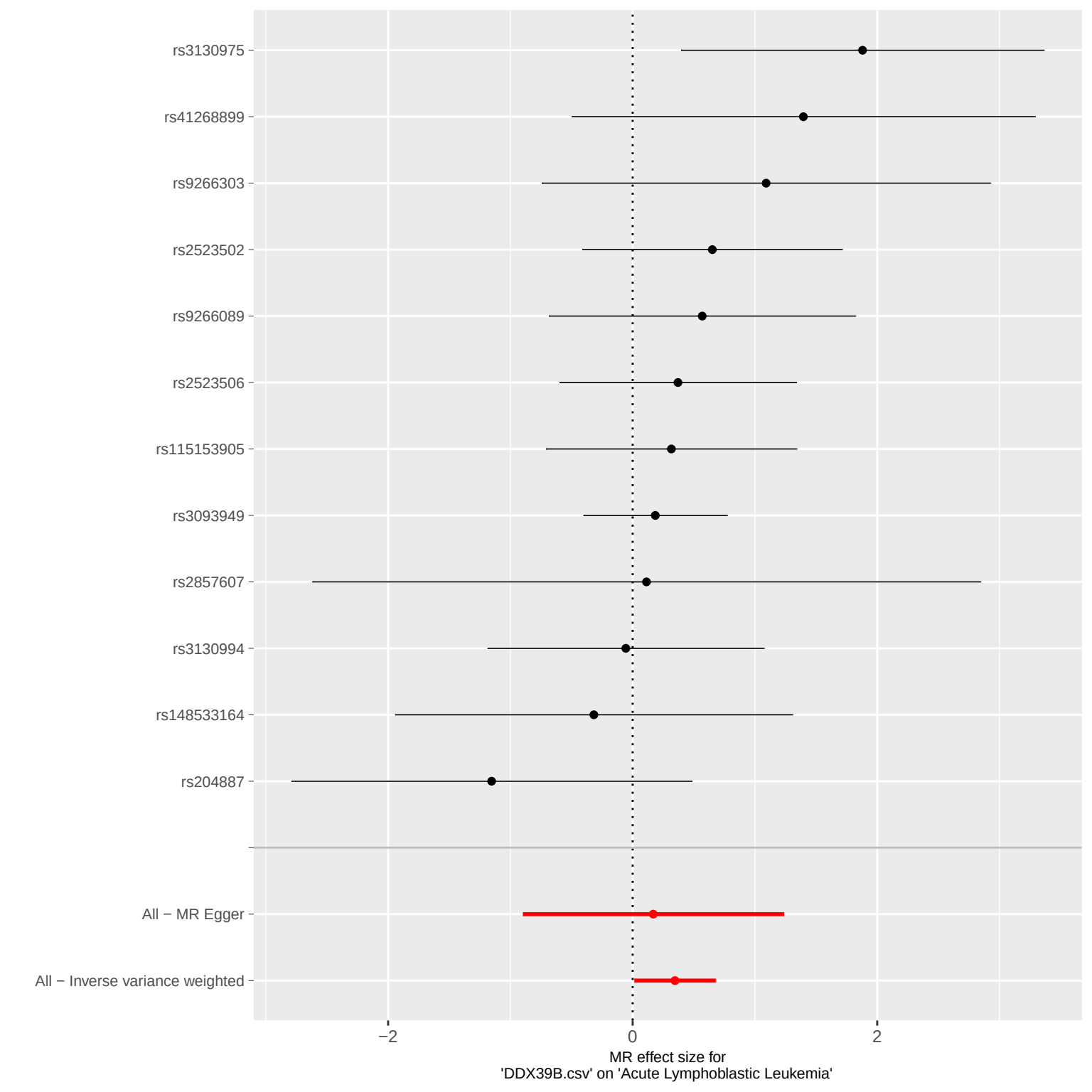
MR effect size for
'DDX11.csv' on 'Acute Lymphoblastic Leukemia'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rs9266303
rs2523502
rs9266089
rs2523506
rs115153905
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rs204887
All − MR Egger
All − Inverse variance weighted
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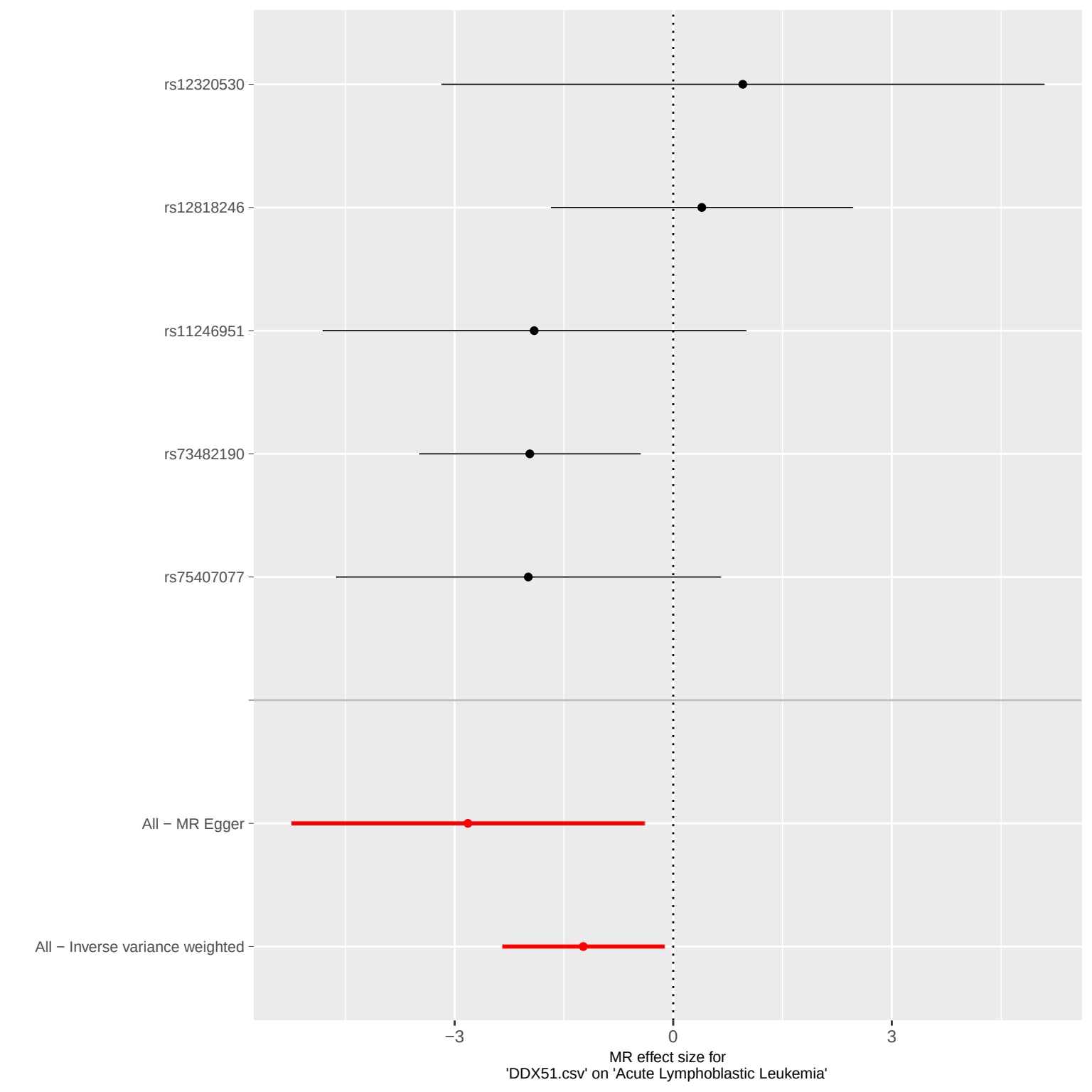
2
MR effect size for
'DDX39B.csv' on 'Acute Lymphoblastic Leukemia'


rs12320530
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rs11246951
rs73482190
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All − MR Egger
All − Inverse variance weighted
−3
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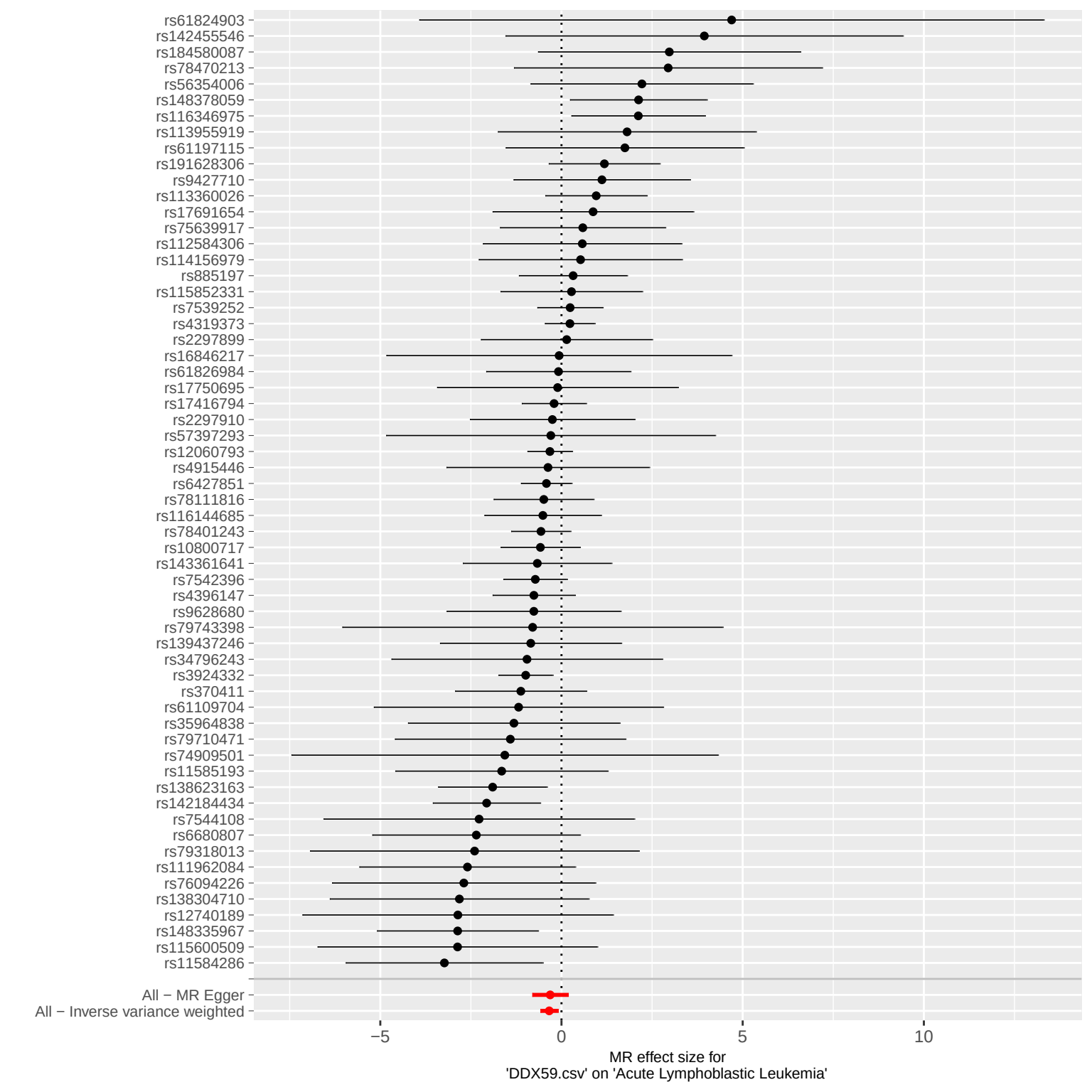
3
MR effect size for
'DDX51.csv' on 'Acute Lymphoblastic Leukemia'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rs6680807
rs79318013
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rs76094226
rs138304710
rs12740189
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rs115600509
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All − MR Egger
All − Inverse variance weighted
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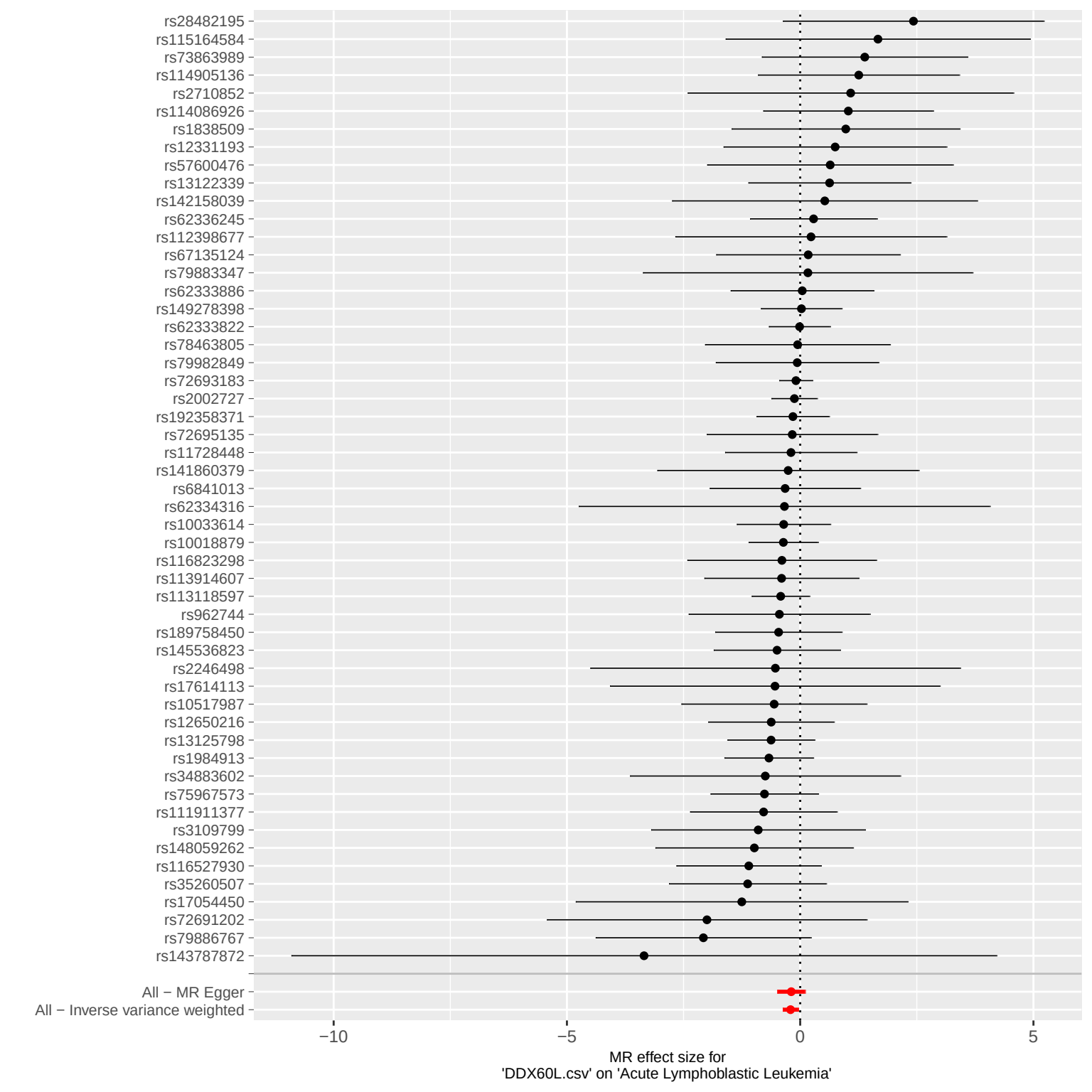
10
MR effect size for
'DDX59.csv' on 'Acute Lymphoblastic Leukemia'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rs79886767
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All − MR Egger
All − Inverse variance weighted
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−5
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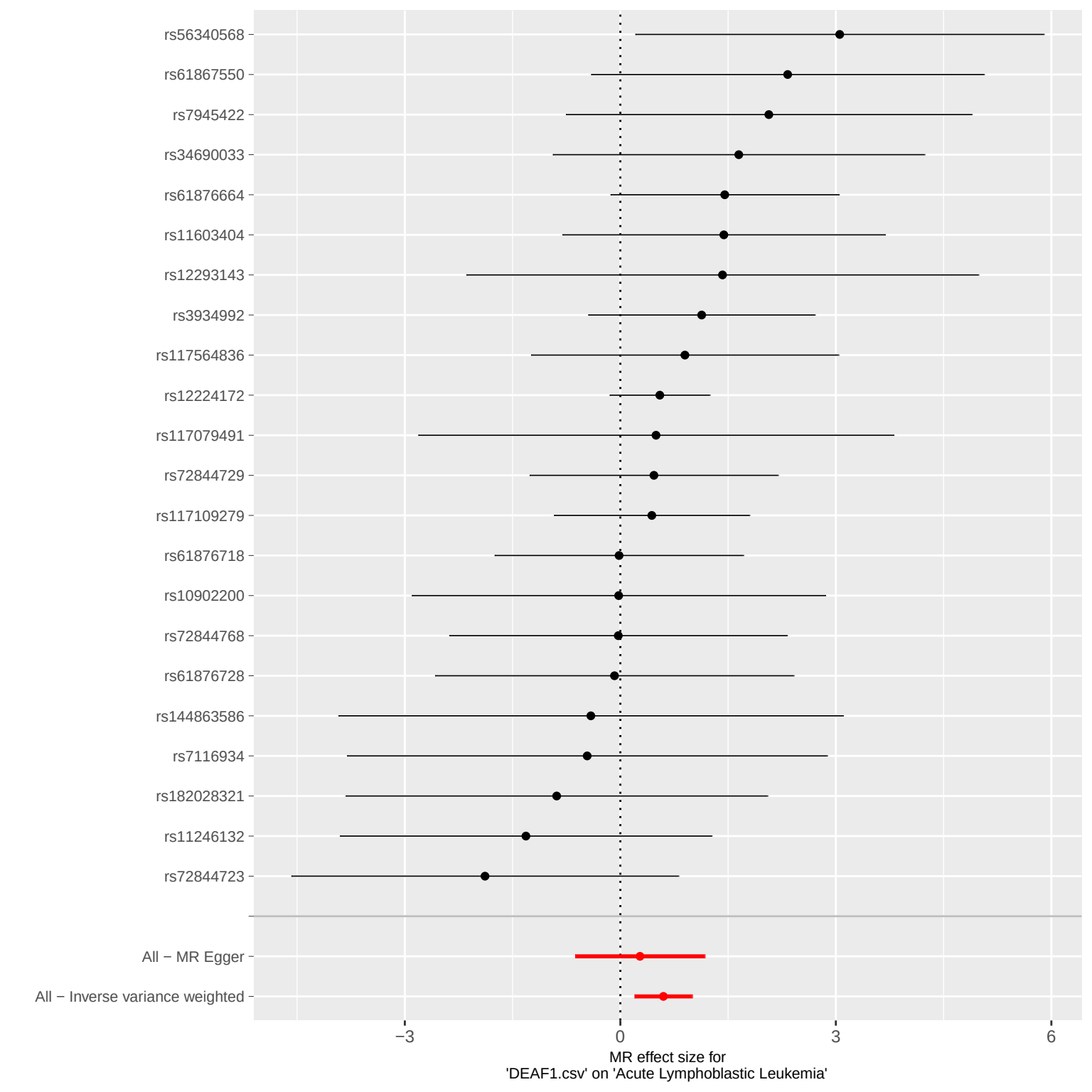
MR effect size for
'DDX60L.csv' on 'Acute Lymphoblastic Leukemia'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rs61876728
rs144863586
rs7116934
rs182028321
rs11246132
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All − MR Egger
All − Inverse variance weighted
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3
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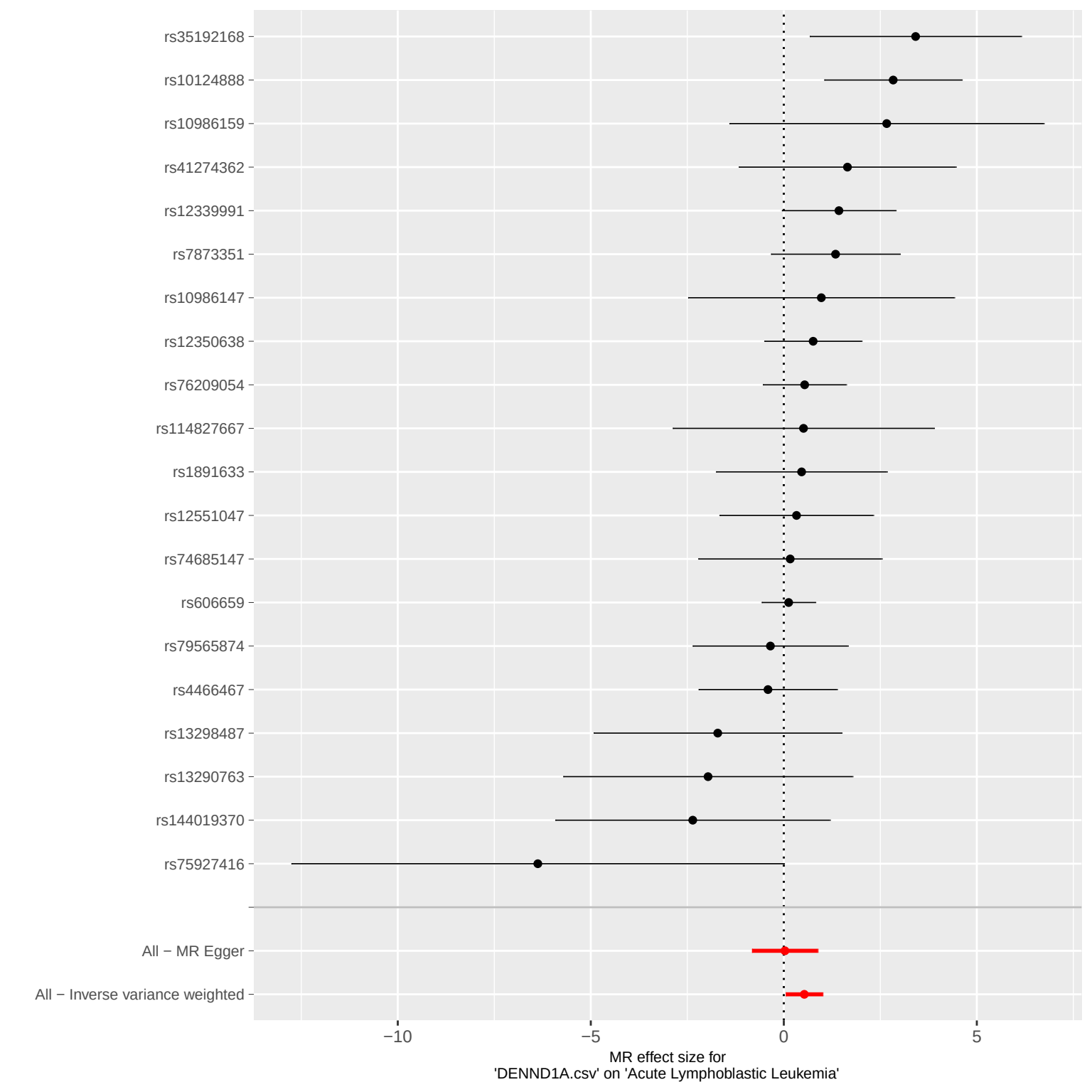
MR effect size for
'DEAF1.csv' on 'Acute Lymphoblastic Leukemia'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rs79565874
rs4466467
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rs13290763
rs144019370
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All − MR Egger
All − Inverse variance weighted
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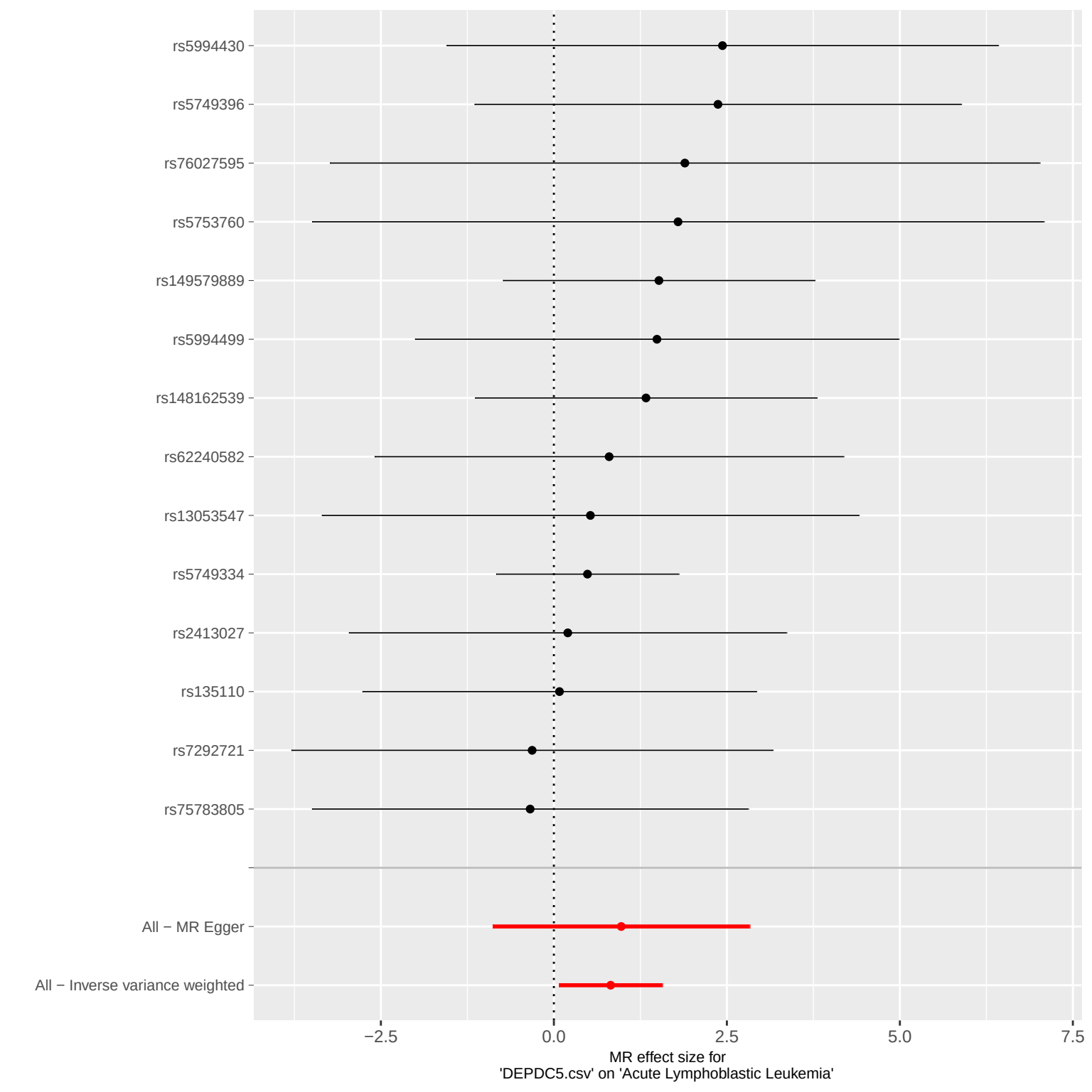
5
MR effect size for
'DENND1A.csv' on 'Acute Lymphoblastic Leukemia'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rs62240582
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rs5749334
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rs135110
rs7292721
rs75783805
All − MR Egger
All − Inverse variance weighted
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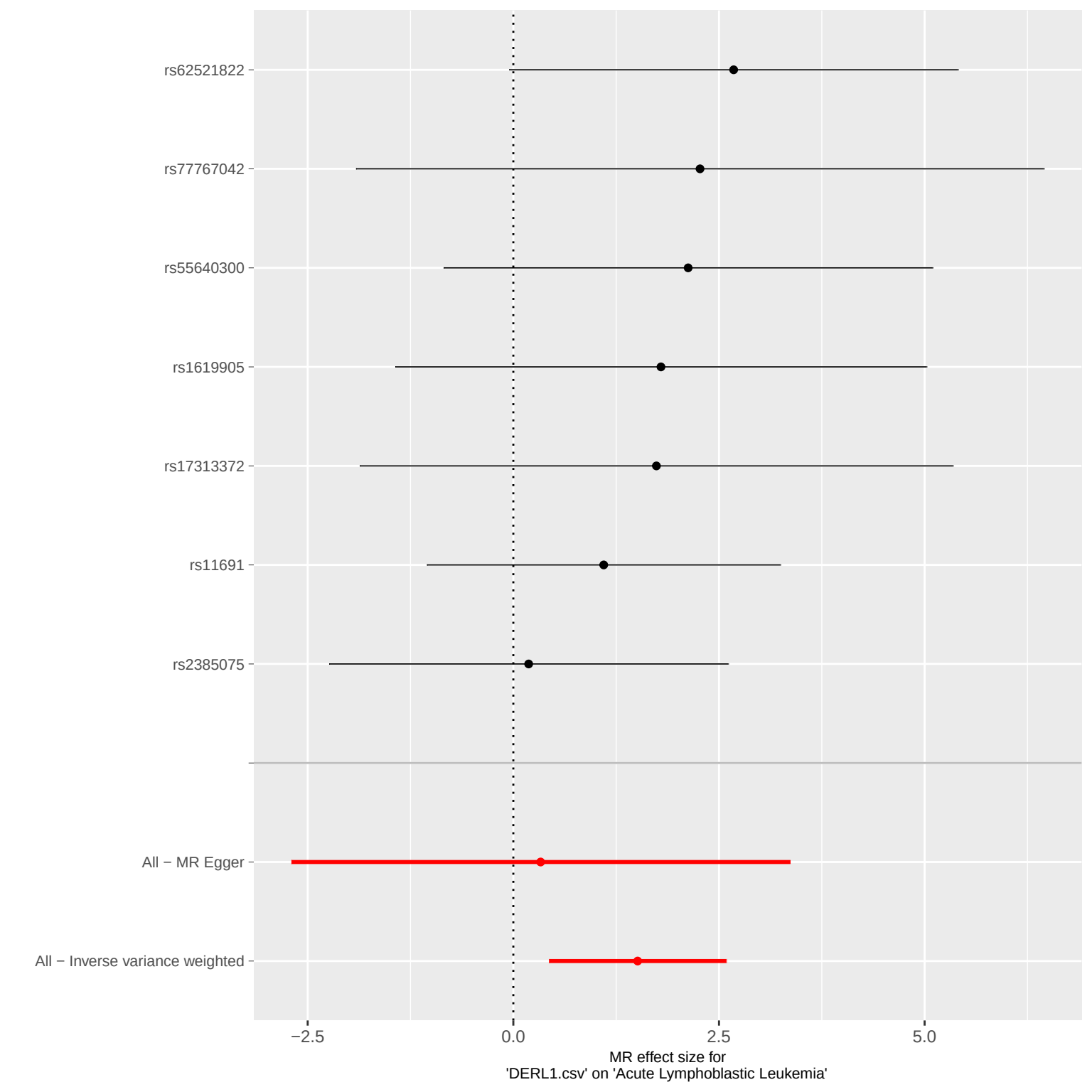
0.0
2.5
5.0
7.5
MR effect size for
'DEPDC5.csv' on 'Acute Lymphoblastic Leukemia'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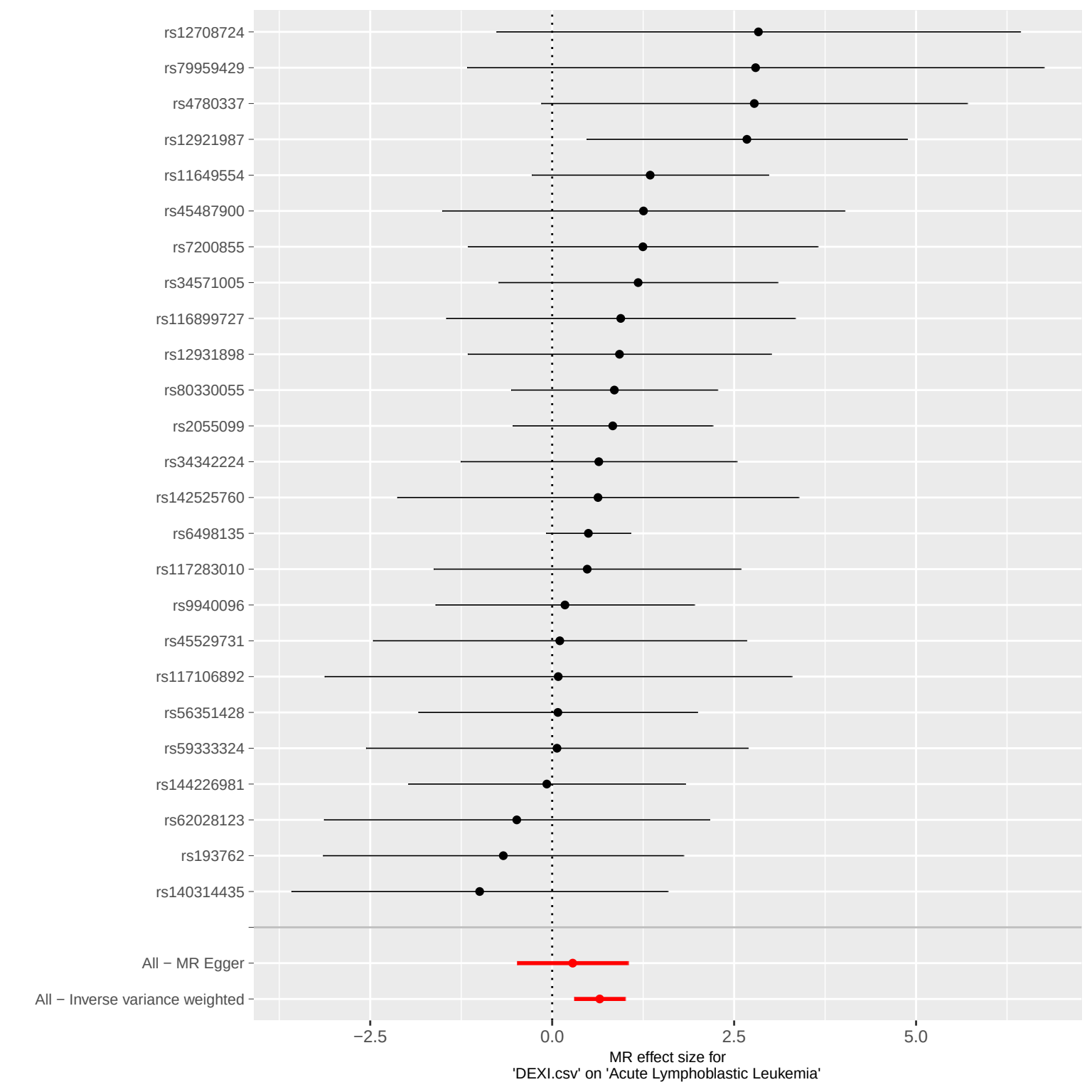
rs77767042
rs55640300
rs1619905
rs17313372
rs11691
rs2385075
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'DERL1.csv' on 'Acute Lymphoblastic Leukemia'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rs117283010
rs9940096
rs45529731
rs117106892
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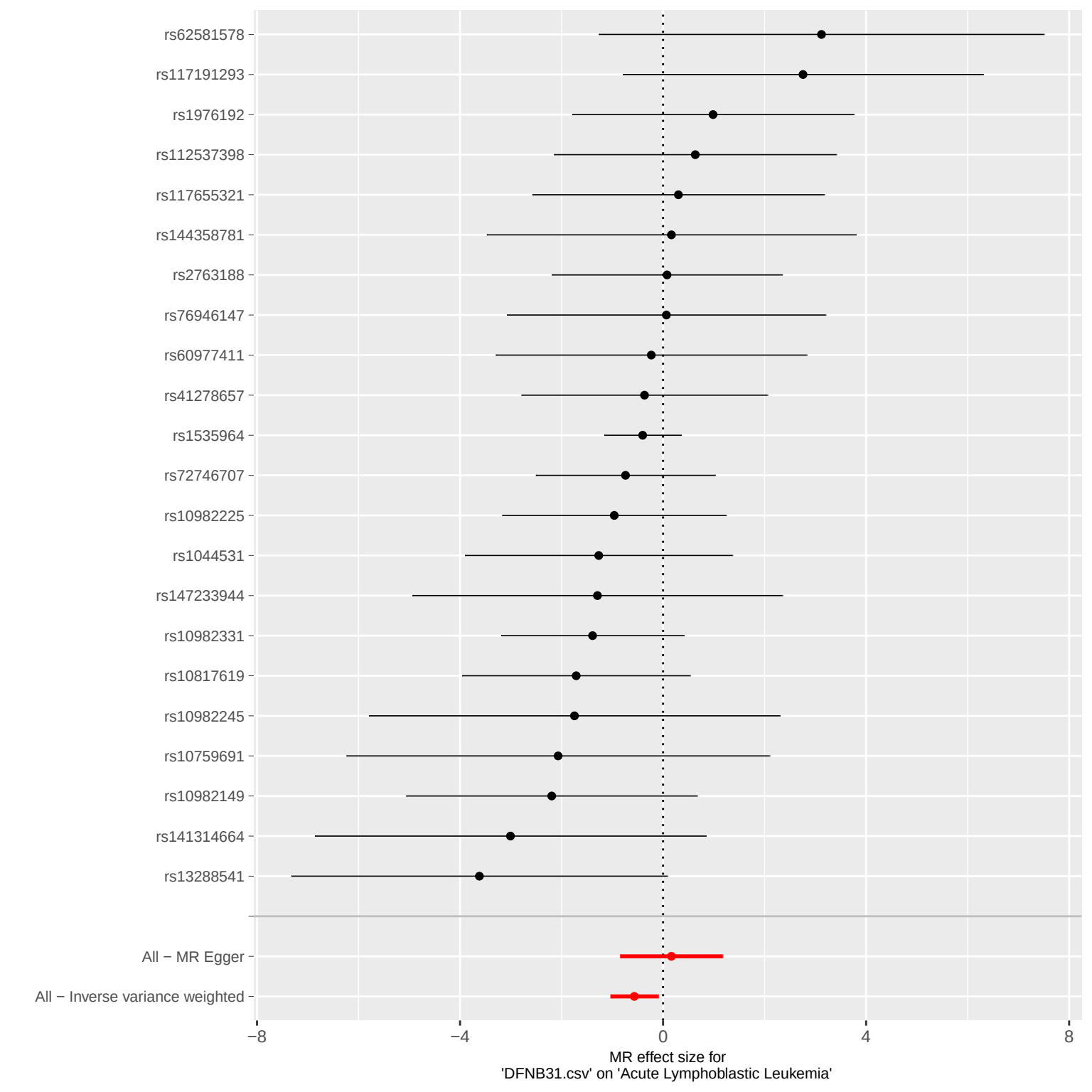
rs144226981
rs62028123
rs193762
rs140314435
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'DEXI.csv' on 'Acute Lymphoblastic Leukemia'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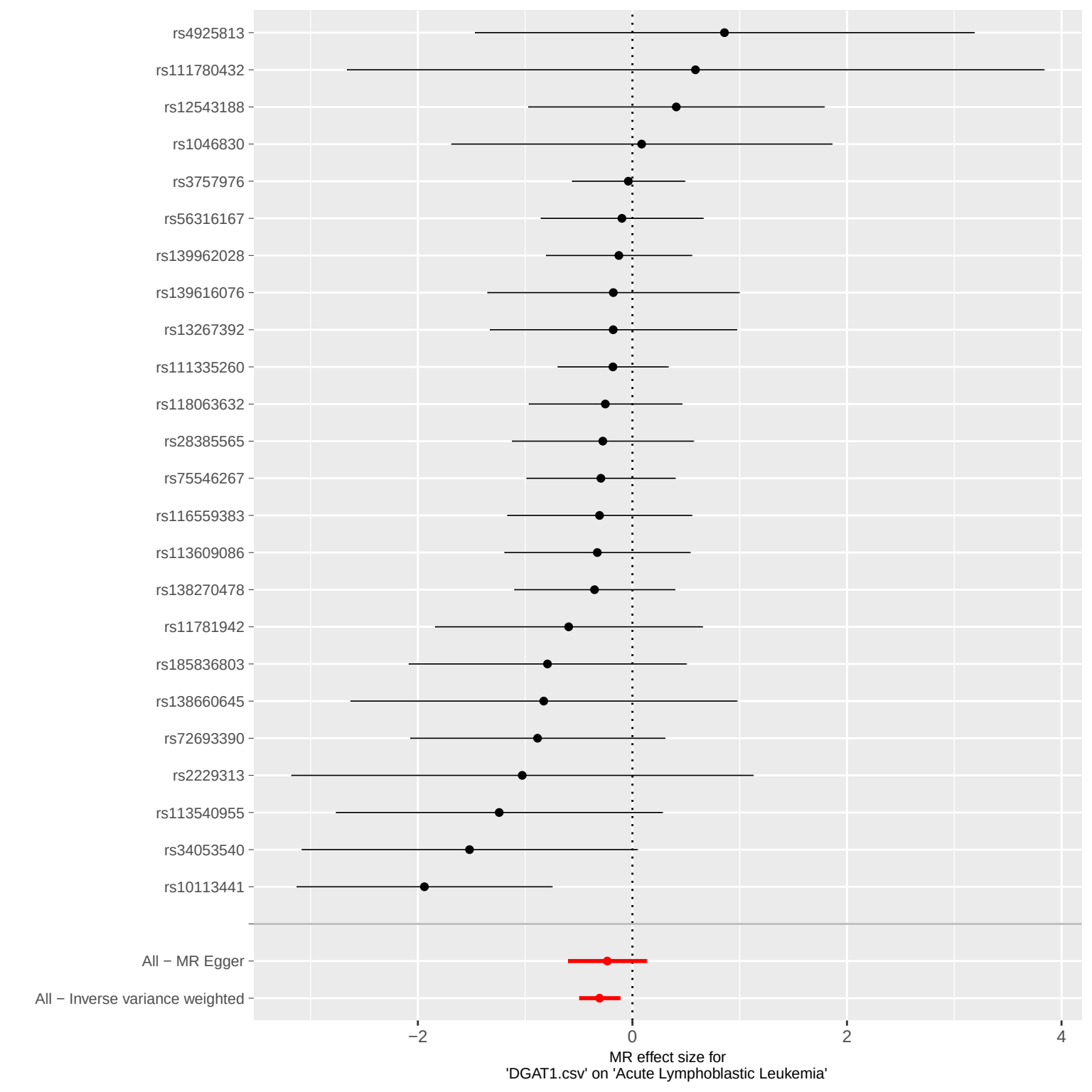
rs10982225
rs1044531
rs147233944
rs10982331
rs10817619
rs10982245
rs10759691
rs10982149
rs141314664
rs13288541
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'DFNB31.csv' on 'Acute Lymphoblastic Leukemia'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rs13267392
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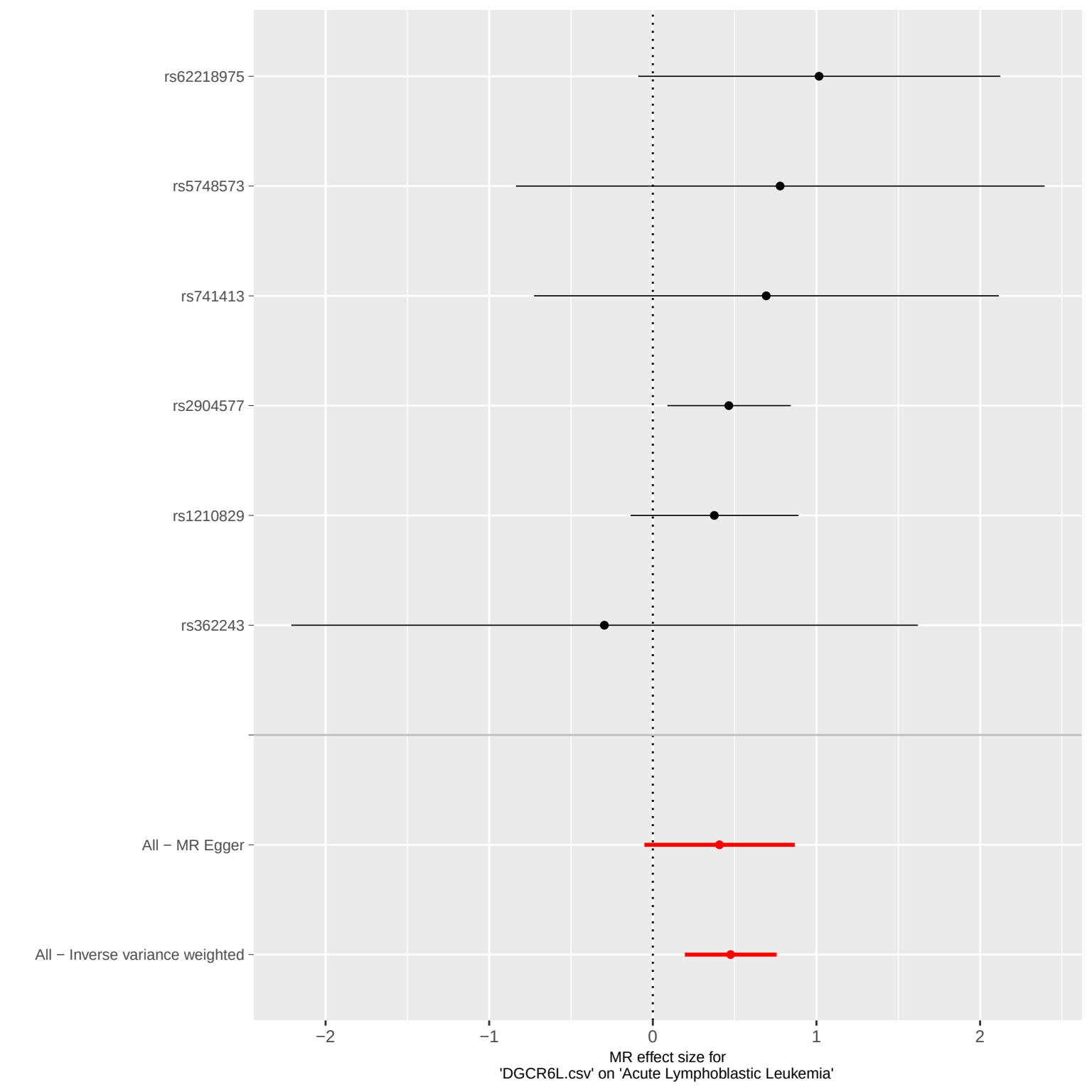
rs116559383
rs113609086
rs138270478
rs11781942
rs185836803
rs138660645
rs72693390
rs2229313
rs113540955
rs34053540
rs10113441
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'DGAT1.csv' on 'Acute Lymphoblastic Leukemia'


rs62218975
rs5748573
rs741413
rs2904577
rs1210829
rs362243
All − MR Egger
All − Inverse variance weighted
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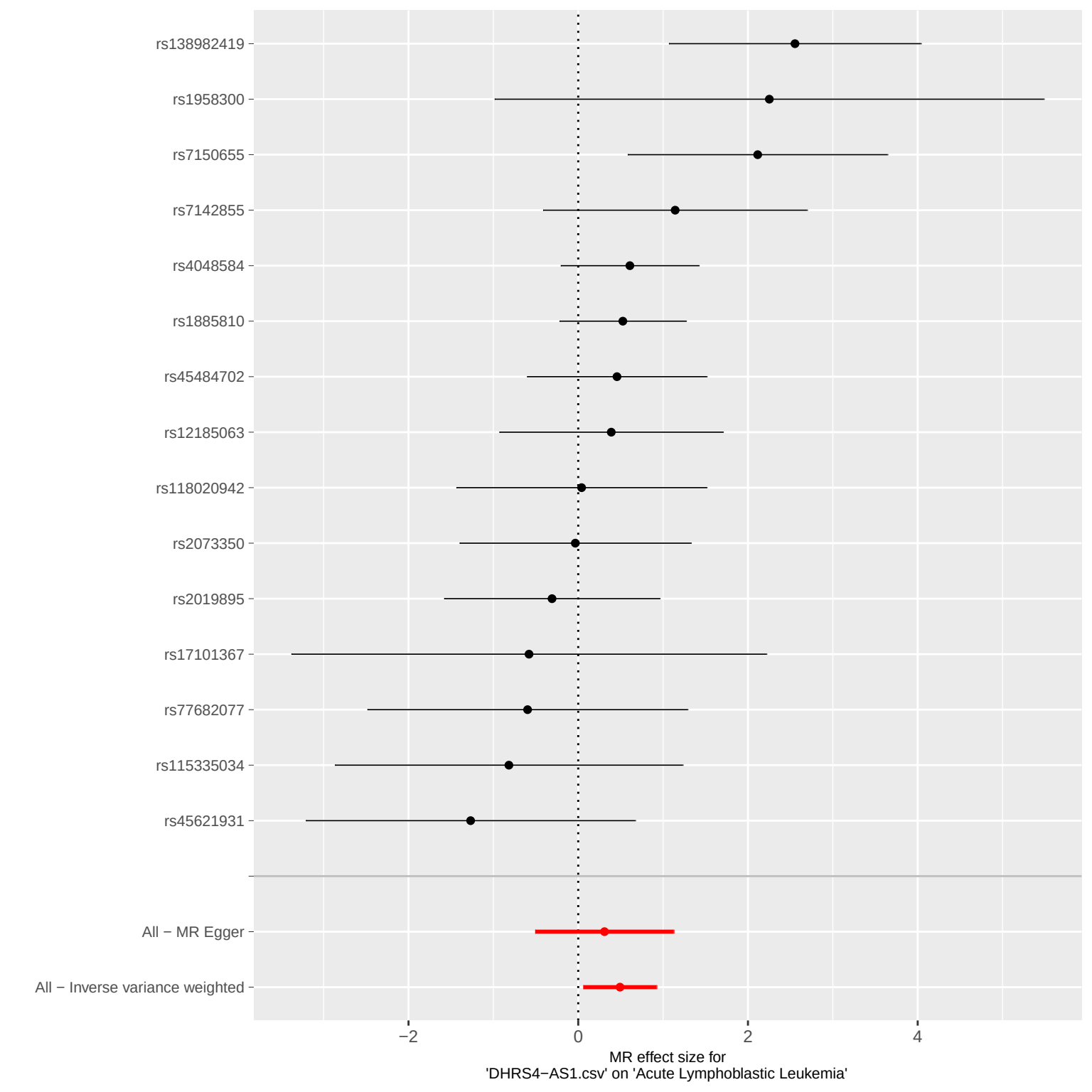
−1
0
1
2
MR effect size for
'DGCR6L.csv' on 'Acute Lymphoblastic Leukemia'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rs118020942
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rs2019895
rs17101367
rs77682077
rs115335034
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All − MR Egger
All − Inverse variance weighted
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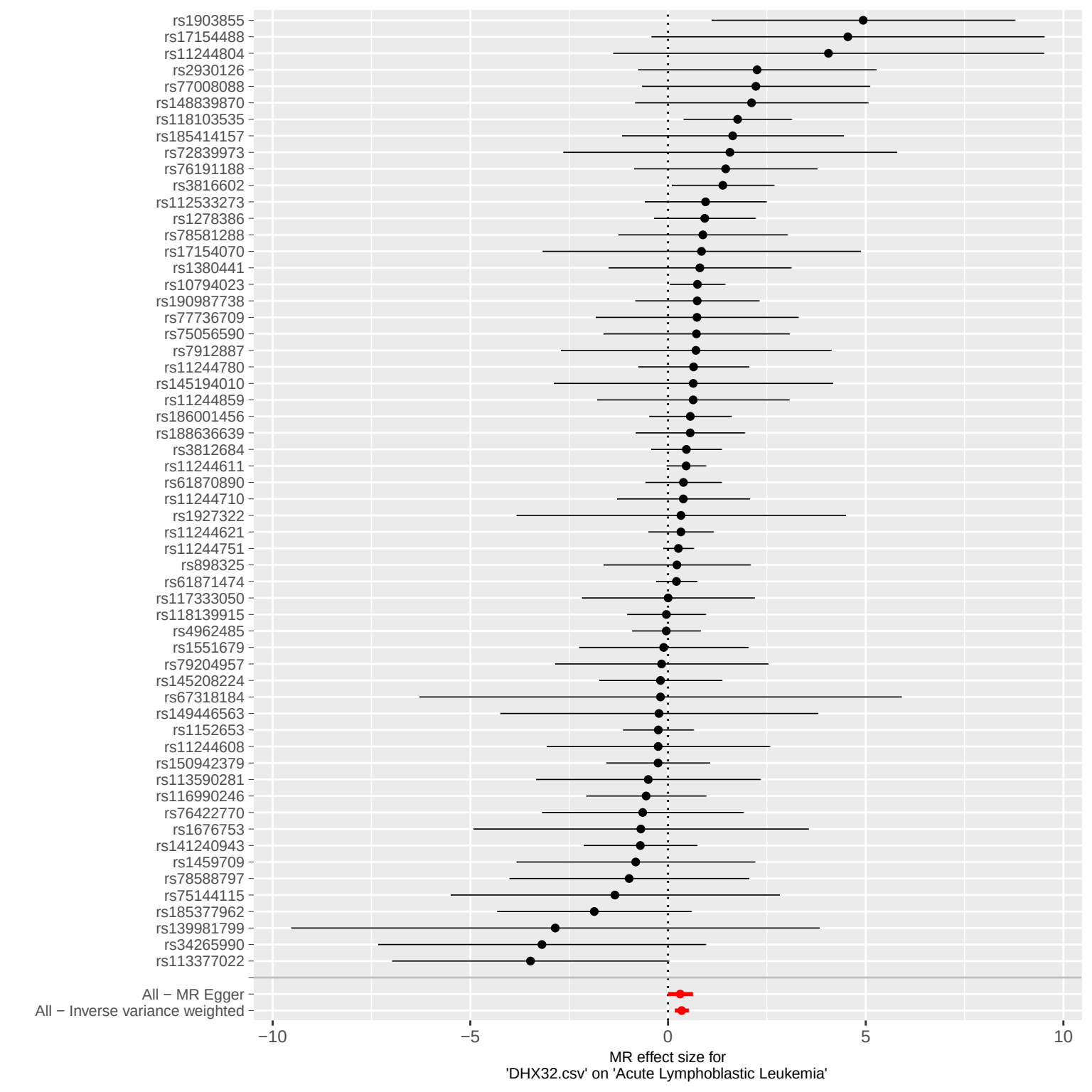
0
2
4
MR effect size for
'DHRS4−AS1.csv' on 'Acute Lymphoblastic Leukemia'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rs112533273
rs1278386
rs78581288
rs17154070
rs1380441
rs10794023
rs190987738
rs77736709
rs75056590
rs7912887
rs11244780
rs145194010
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rs188636639
rs3812684
rs11244611
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rs11244710
rs1927322
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rs11244751
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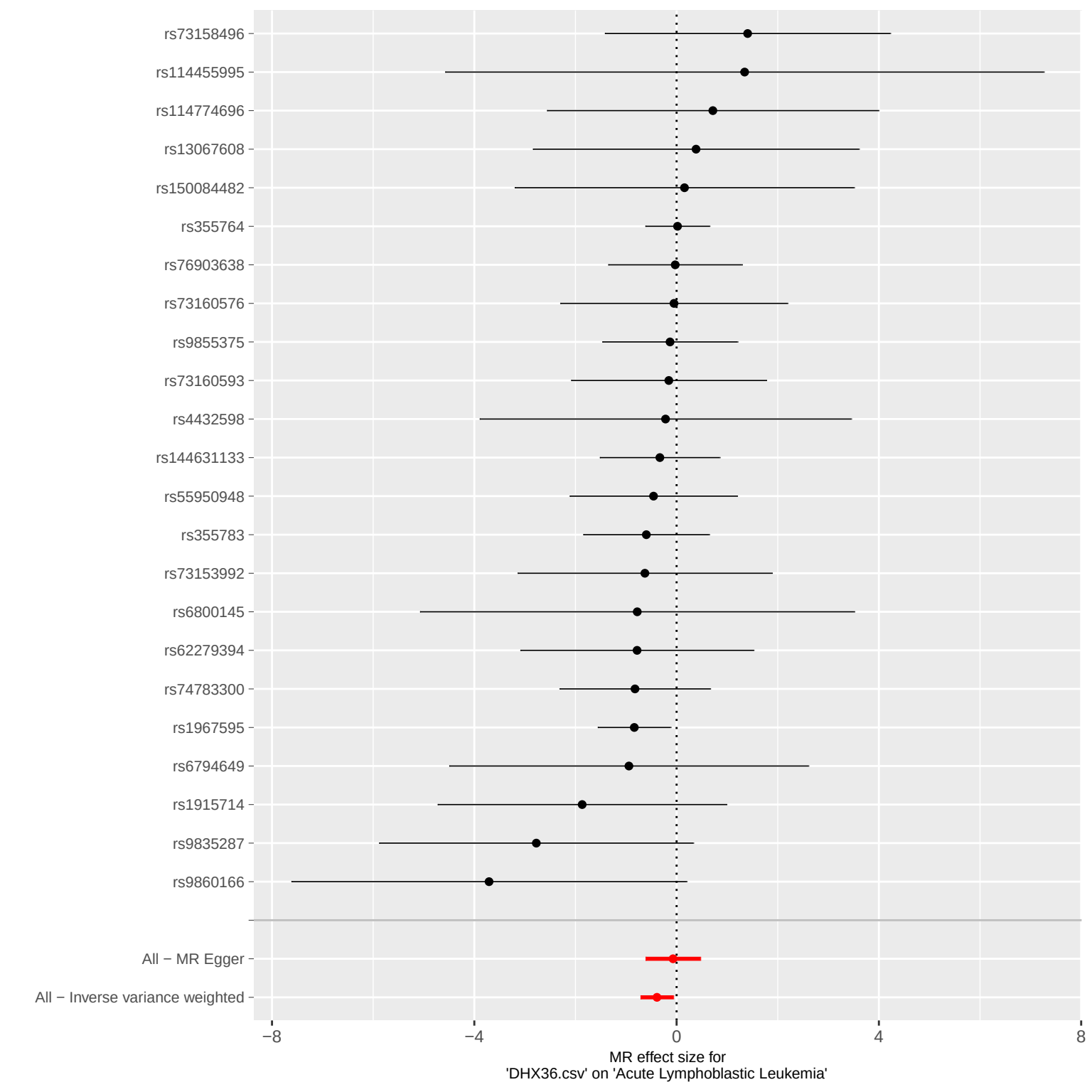
rs117333050
rs118139915
rs4962485
rs1551679
rs79204957
rs145208224
rs67318184
rs149446563
rs1152653
rs11244608
rs150942379
rs113590281
rs116990246
rs76422770
rs1676753
rs141240943
rs1459709
rs78588797
rs75144115
rs185377962
rs139981799
rs34265990
rs113377022
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'DHX32.csv' on 'Acute Lymphoblastic Leukemia'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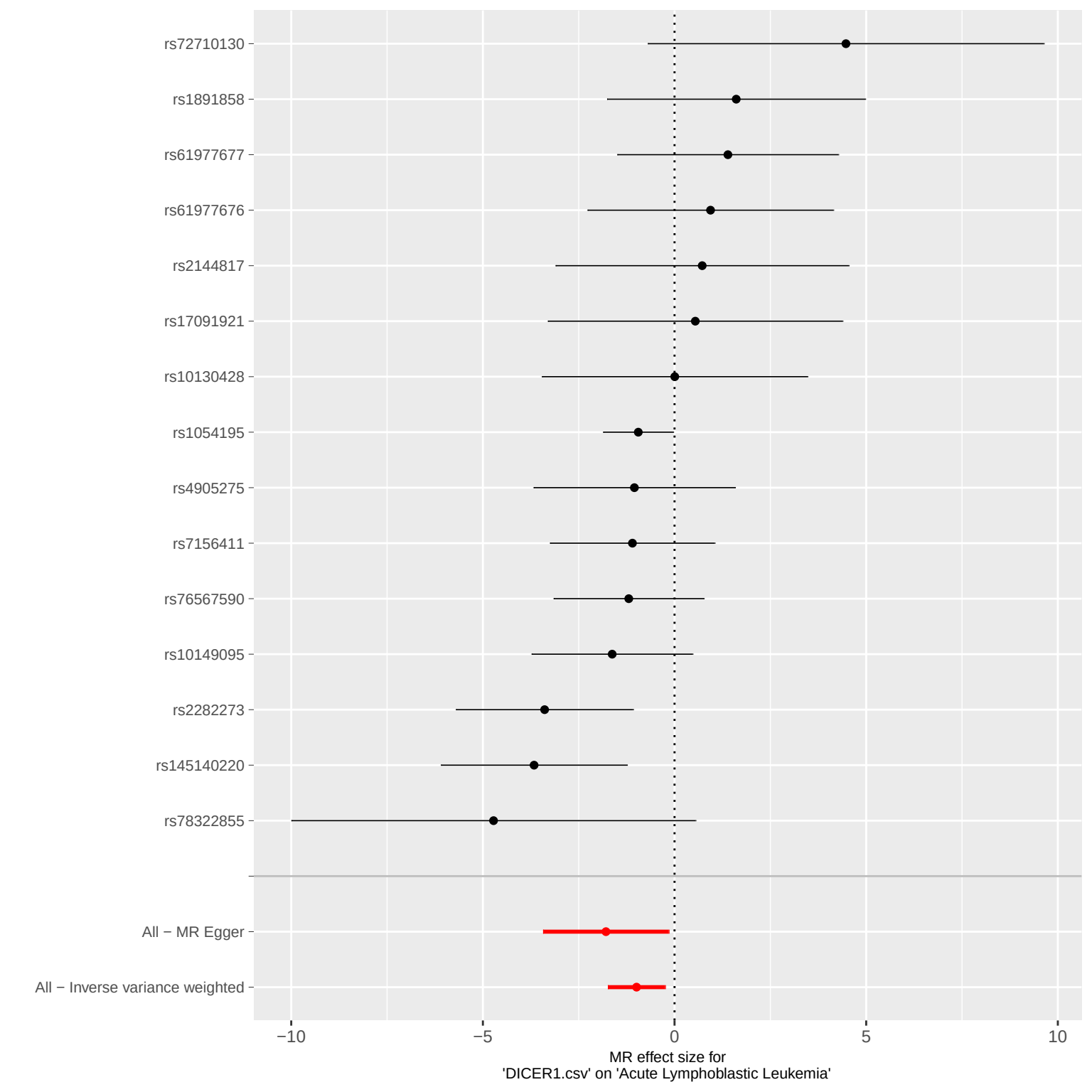
rs144631133
rs55950948
rs355783
rs73153992
rs6800145
rs62279394
rs74783300
rs1967595
rs6794649
rs1915714
rs9835287
rs9860166
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'DHX36.csv' on 'Acute Lymphoblastic Leukemia'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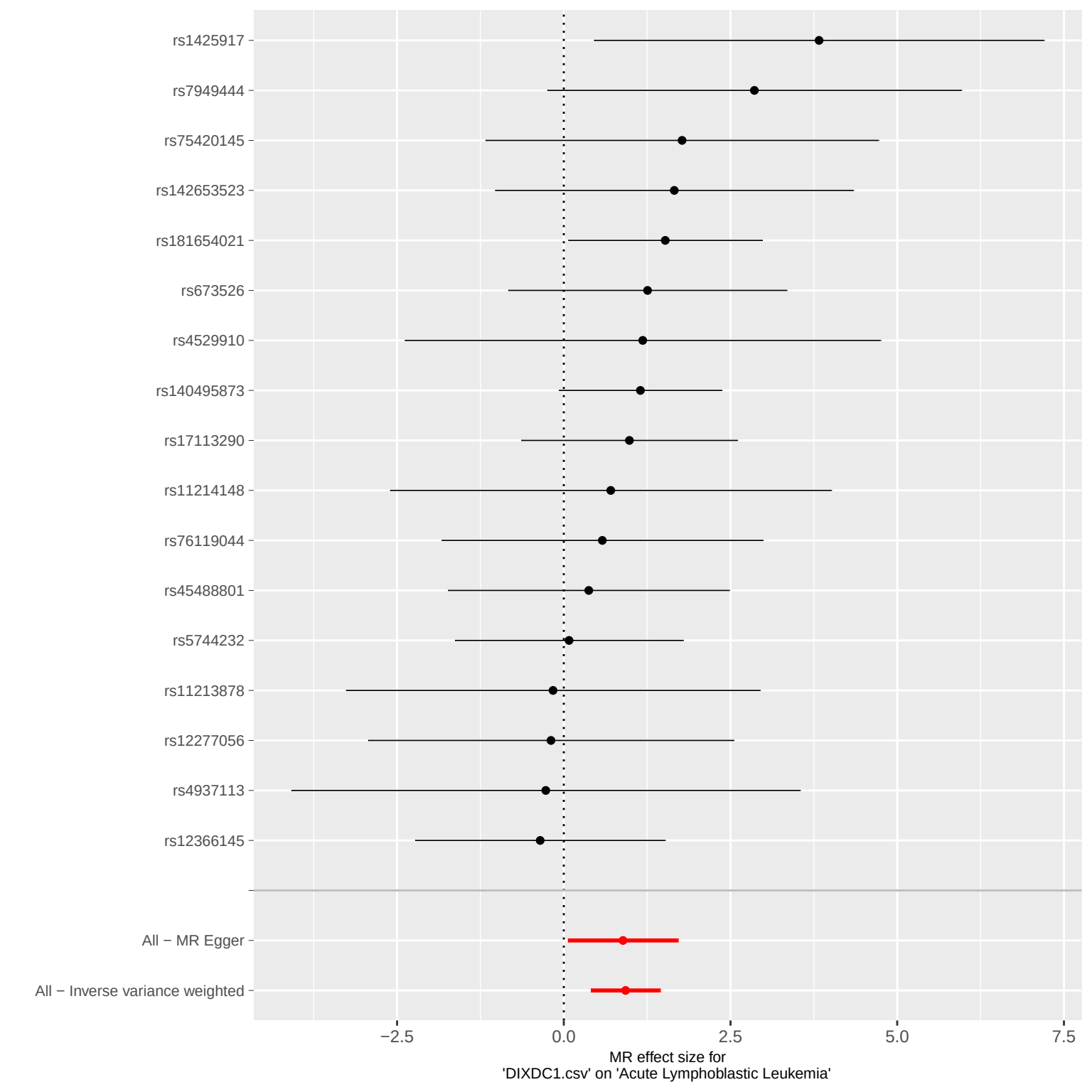
rs7156411
rs76567590
rs10149095
rs2282273
rs145140220
rs78322855
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'DICER1.csv' on 'Acute Lymphoblastic Leukemia'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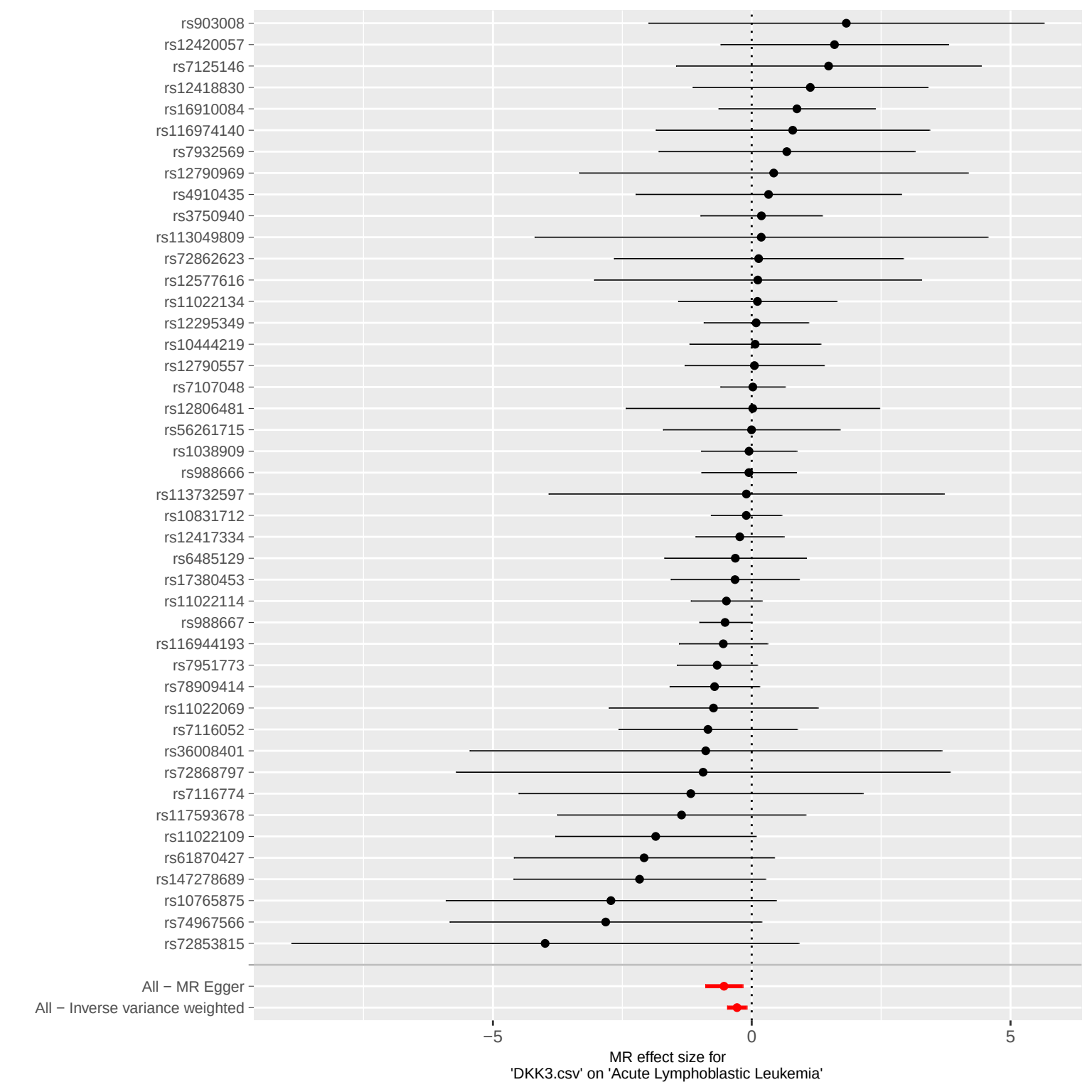
rs11214148
rs76119044
rs45488801
rs5744232
rs11213878
rs12277056
rs4937113
rs12366145
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'DIXDC1.csv' on 'Acute Lymphoblastic Leukemia'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rs72862623
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rs11022134
rs12295349
rs10444219
rs12790557
rs7107048
rs12806481
rs56261715
rs1038909
rs988666
rs113732597
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rs12417334
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rs72868797
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rs11022109
rs61870427
rs147278689
rs10765875
rs74967566
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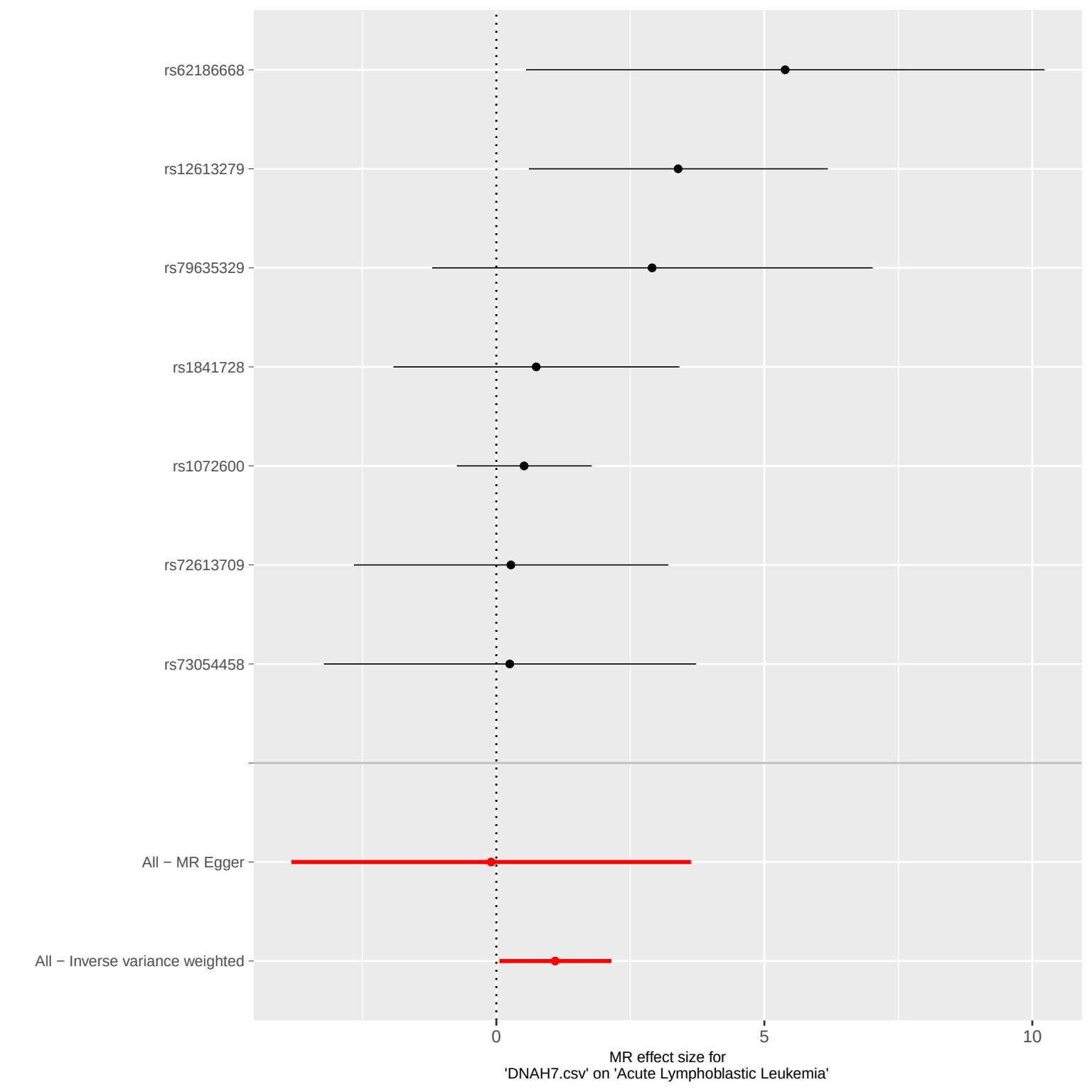
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'DKK3.csv' on 'Acute Lymphoblastic Leukemia'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rs1841728
rs1072600
rs72613709
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All − MR Egger
All − Inverse variance weighted
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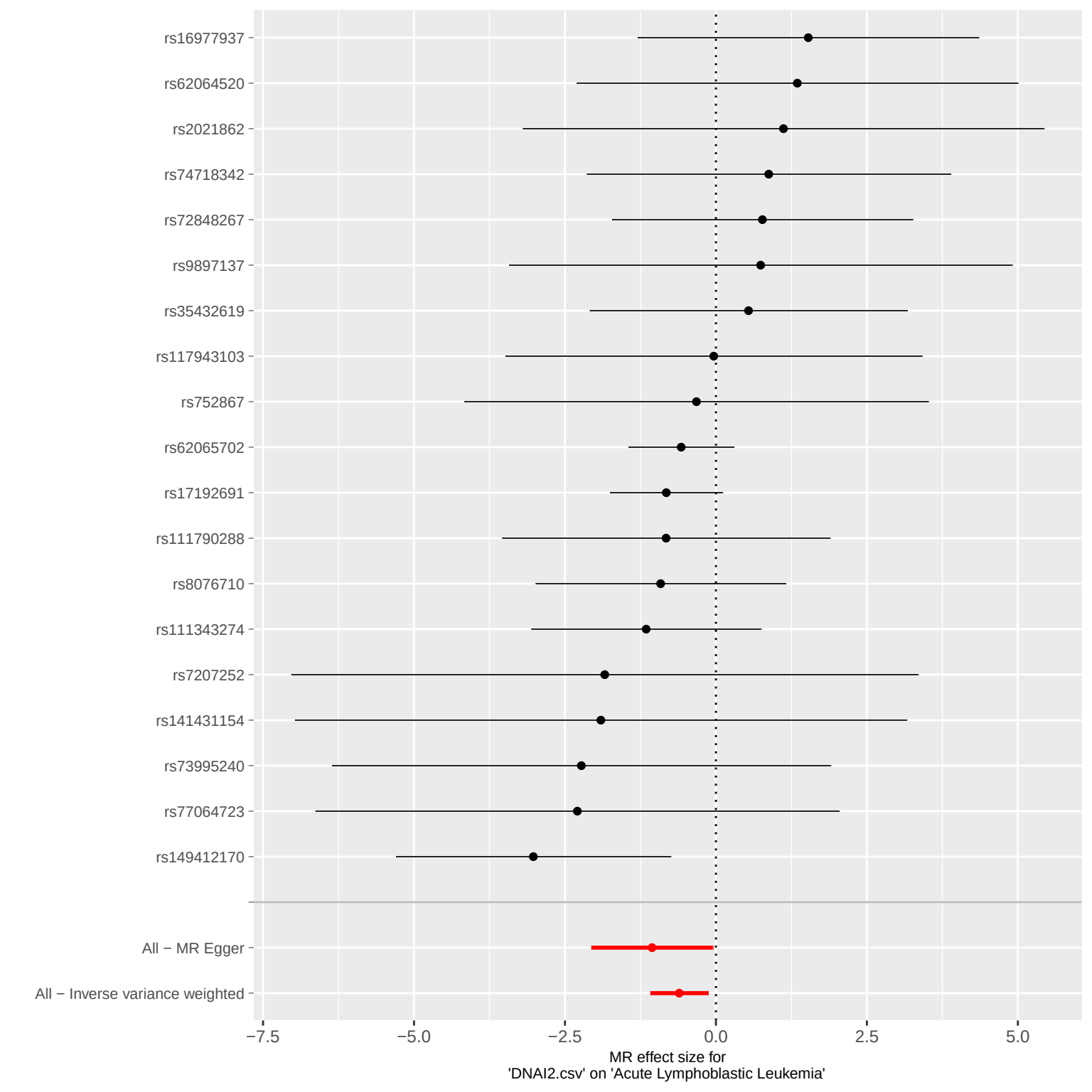
5
10
MR effect size for
'DNAH7.csv' on 'Acute Lymphoblastic Leukemia'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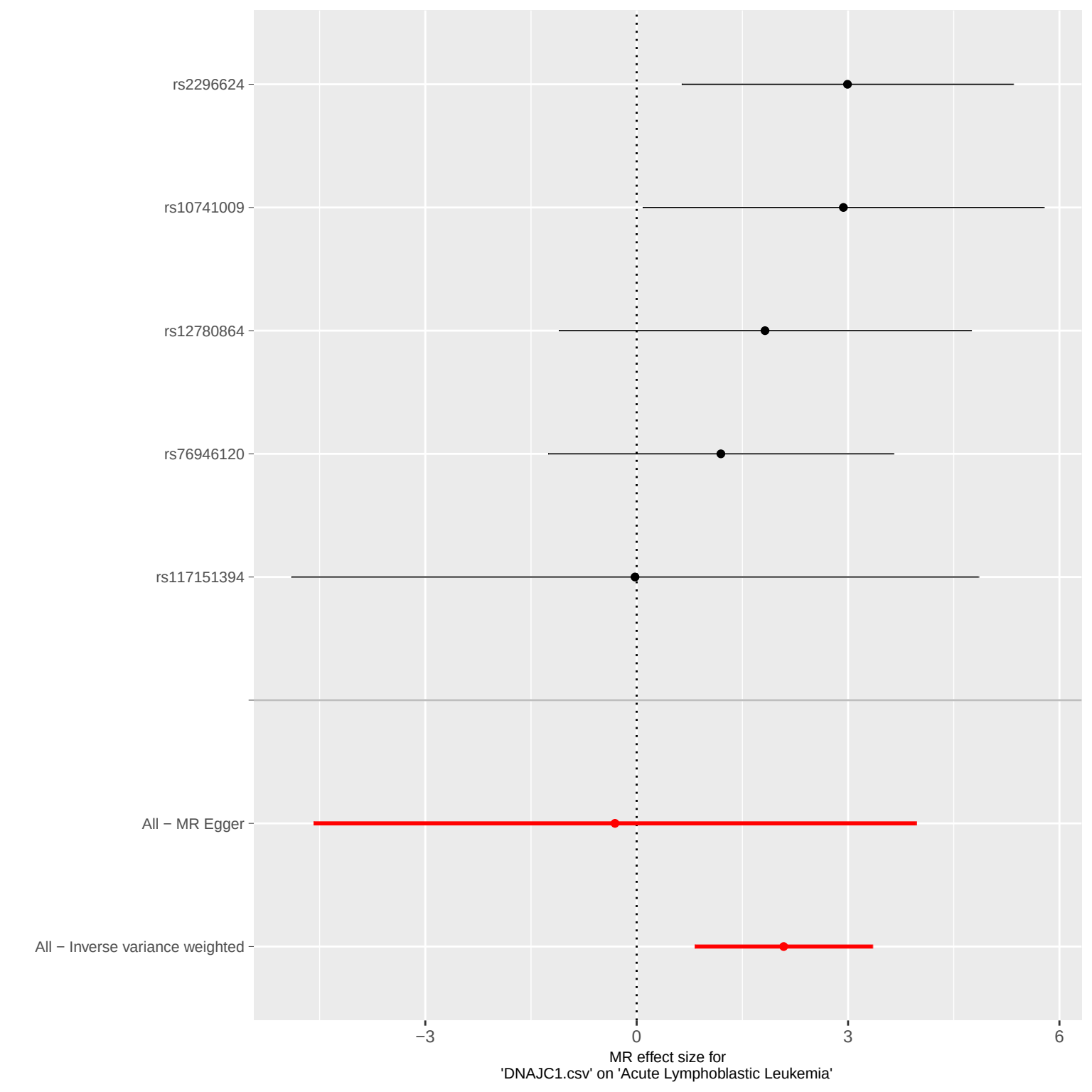
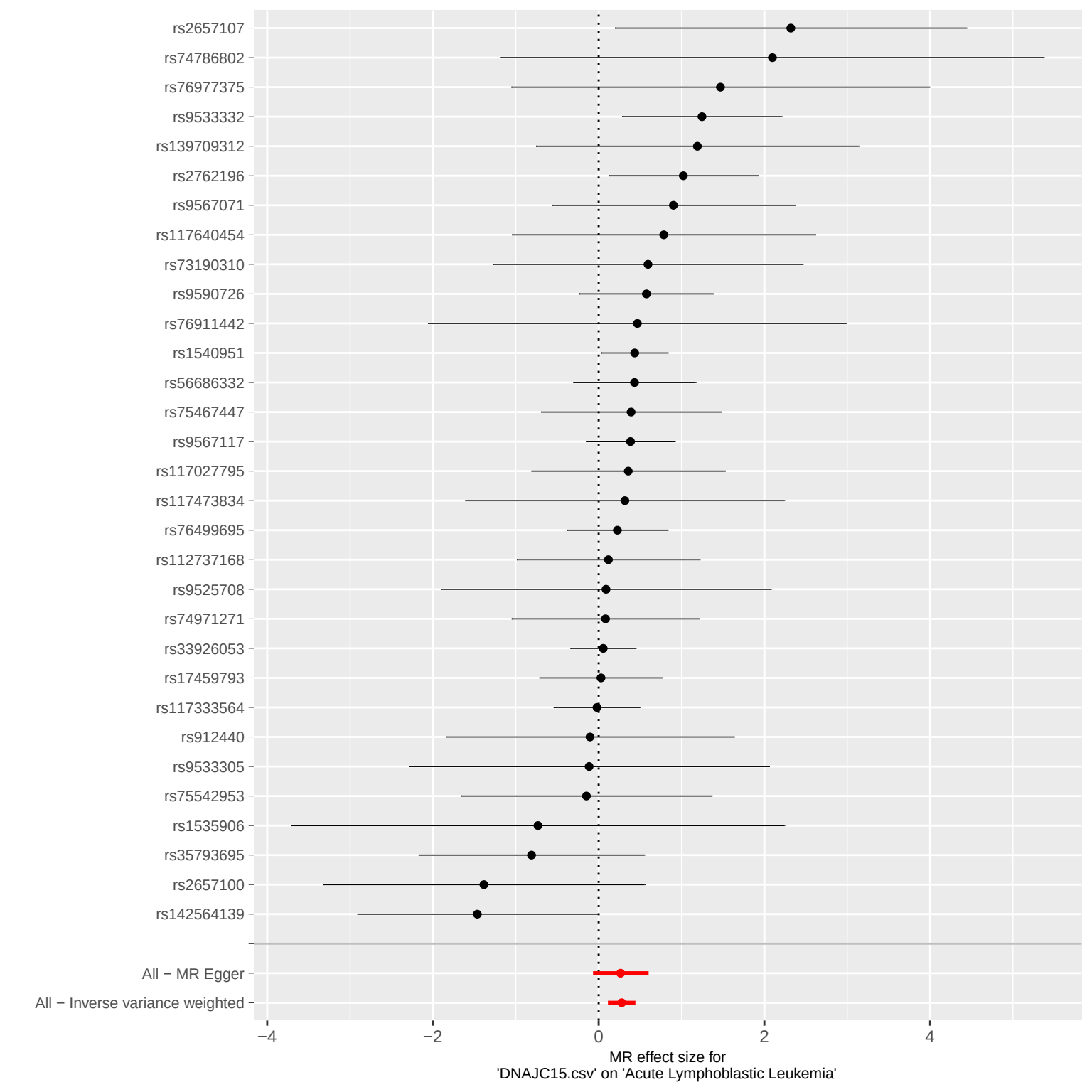
rs62065702
rs17192691
rs111790288
rs8076710
rs111343274
rs7207252
rs141431154
rs73995240
rs77064723
rs149412170
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'DNAI2.csv' on 'Acute Lymphoblastic Leukemia'


rs2296624
rs10741009
rs12780864
rs76946120
rs117151394
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'DNAJC1.csv' on 'Acute Lymphoblastic Leukemia'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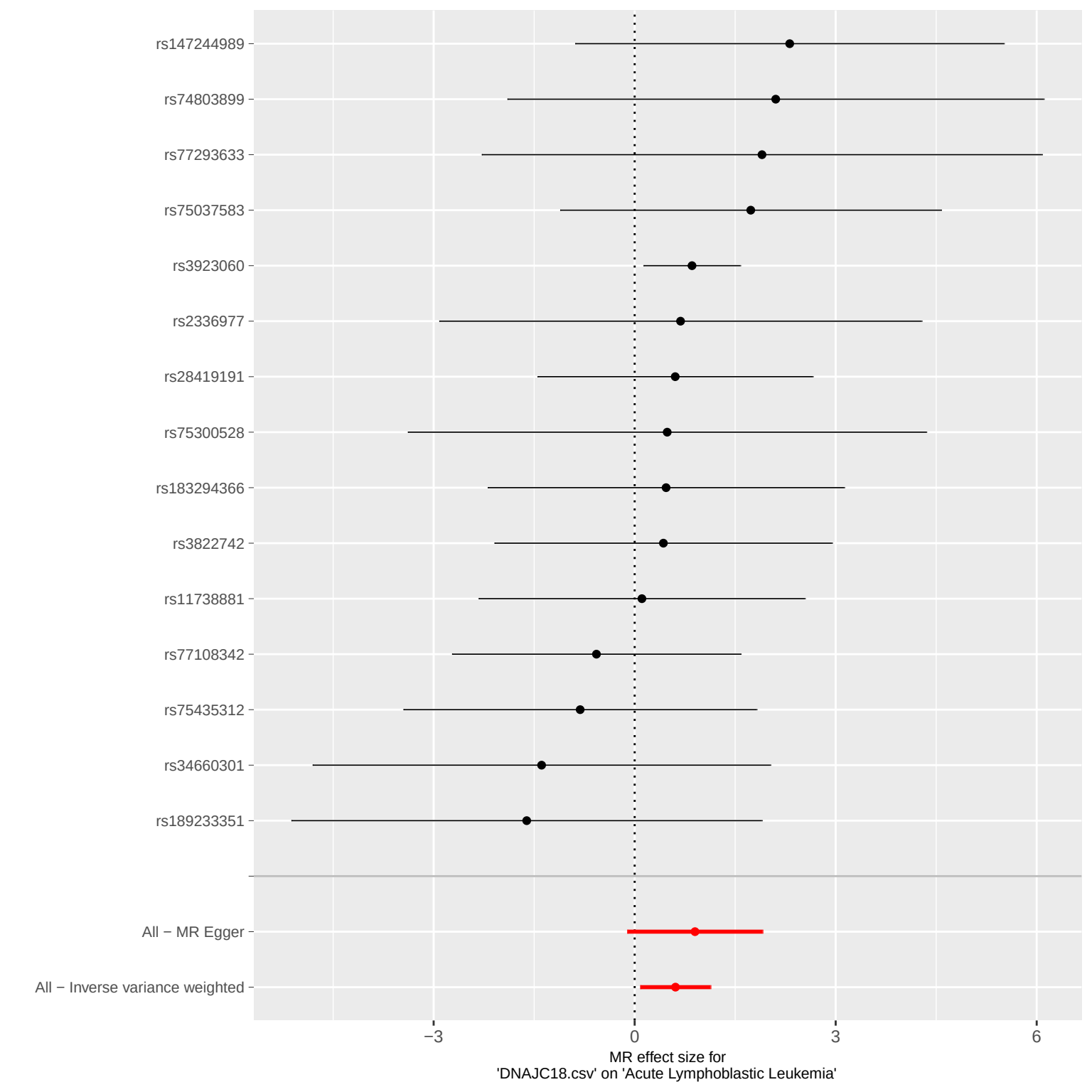
rs76911442
rs1540951
rs56686332
rs75467447
rs9567117
rs117027795
rs117473834
rs76499695
rs112737168
rs9525708
rs74971271
rs33926053
rs17459793
rs117333564
rs912440
rs9533305
rs75542953
rs1535906
rs35793695
rs2657100
rs142564139
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'DNAJC15.csv' on 'Acute Lymphoblastic Leukemia'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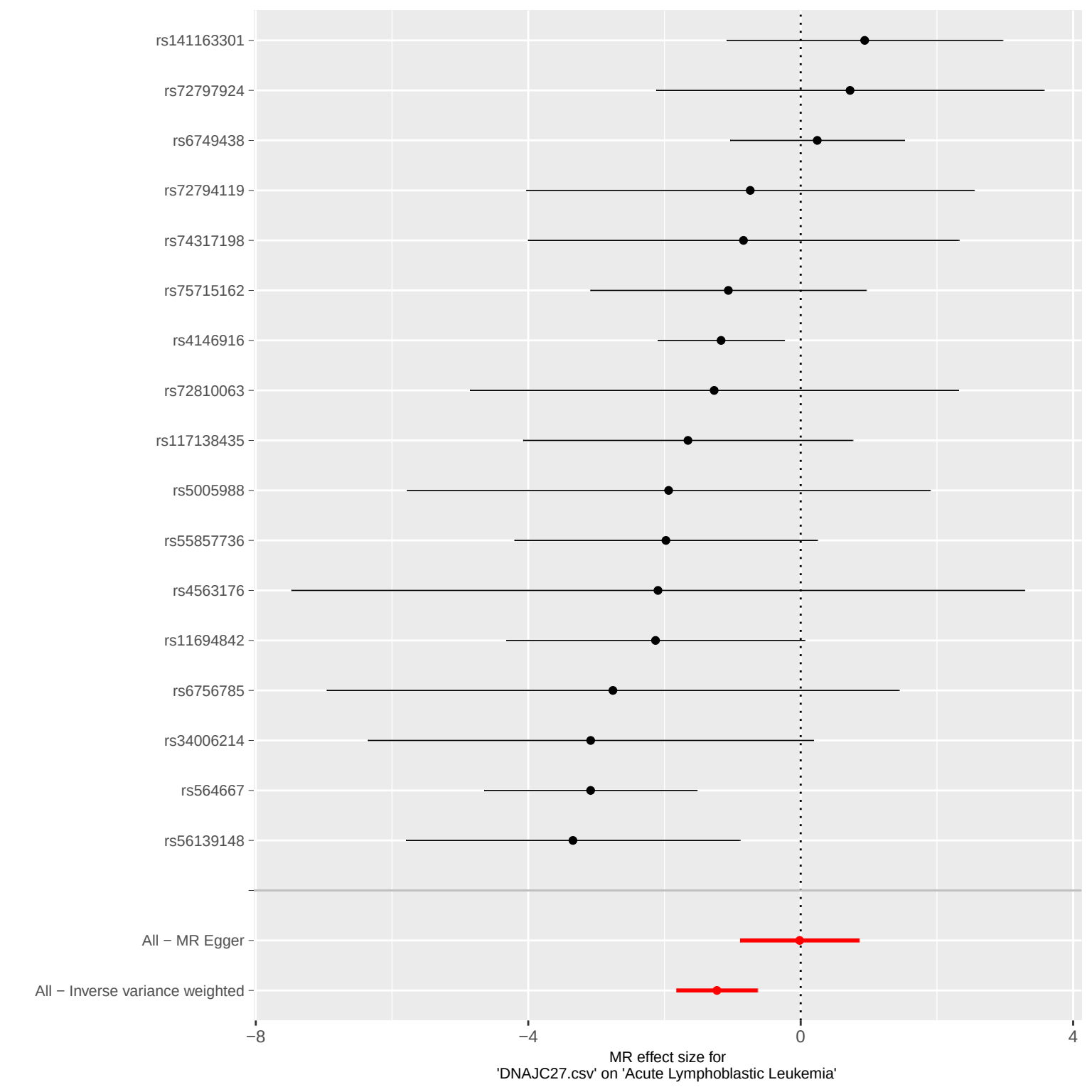
rs3923060
rs2336977
rs28419191
rs75300528
rs183294366
rs3822742
rs11738881
rs77108342
rs75435312
rs34660301
rs189233351
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'DNAJC18.csv' on 'Acute Lymphoblastic Leukemia'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rs72810063
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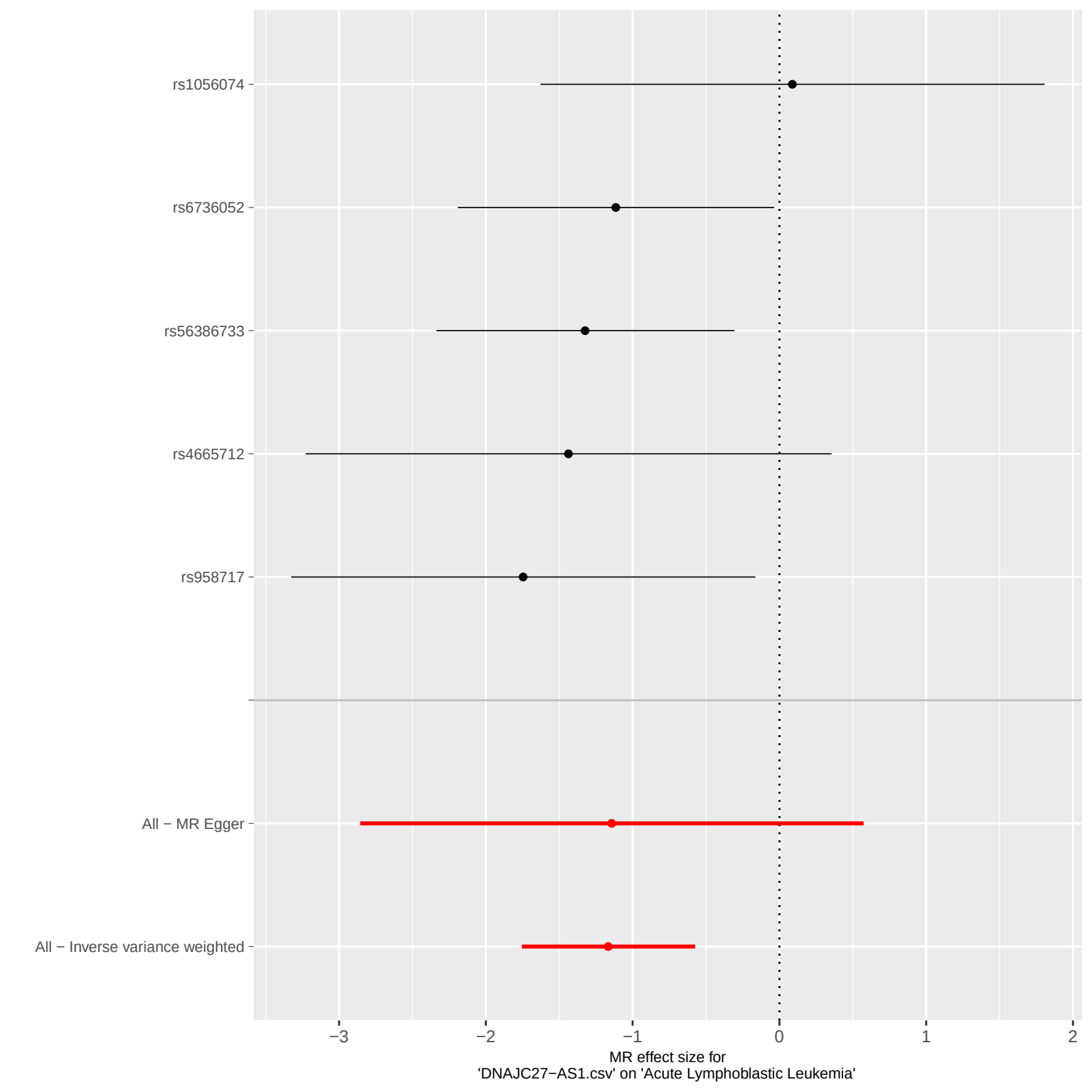
rs4563176
rs11694842
rs6756785
rs34006214
rs564667
rs56139148
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'DNAJC27.csv' on 'Acute Lymphoblastic Leukemia'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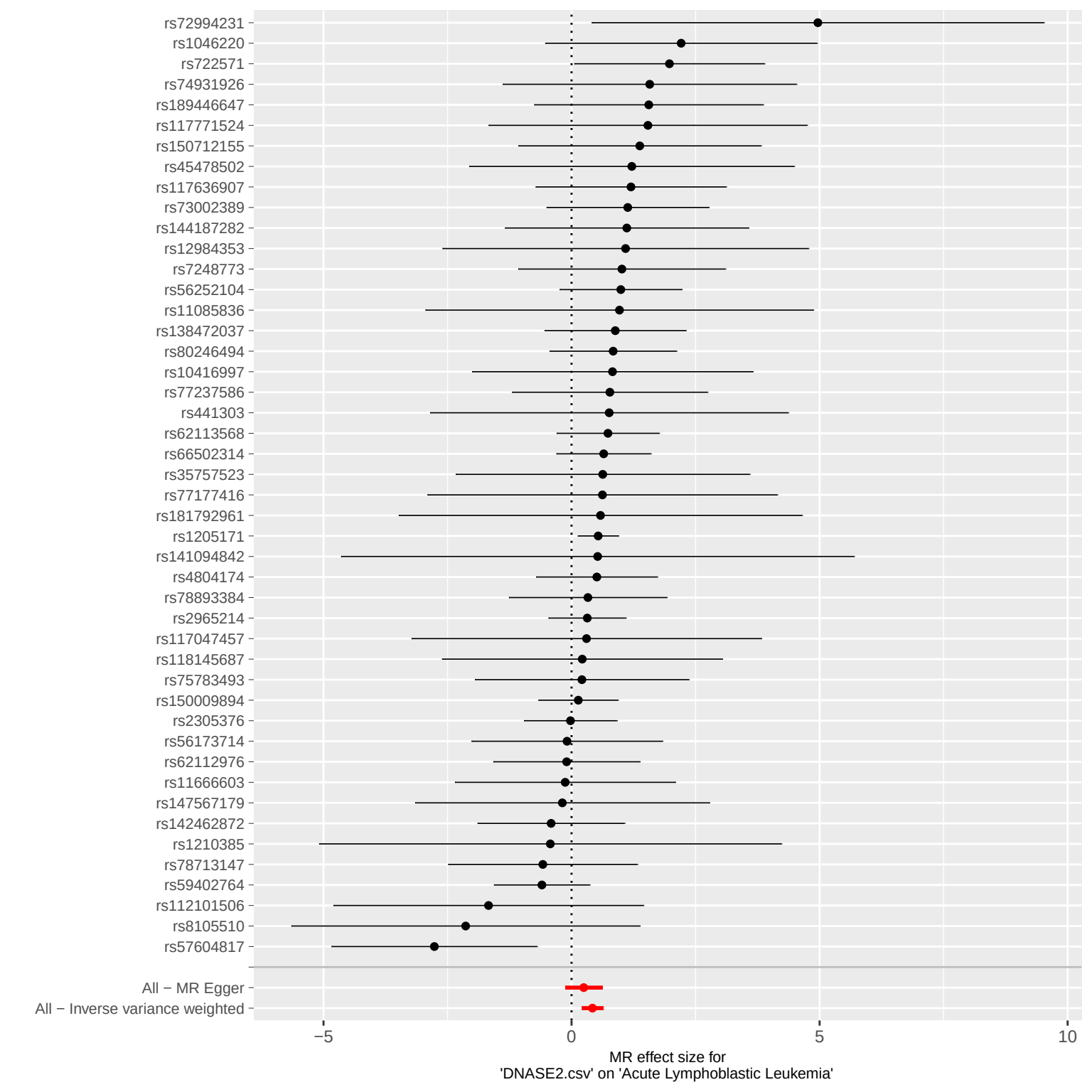
rs6736052
rs56386733
rs4665712
rs958717
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'DNAJC27−AS1.csv' on 'Acute Lymphoblastic Leukemia'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rs56252104
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rs80246494
rs10416997
rs77237586
rs441303
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rs66502314
rs35757523
rs77177416
rs181792961
rs1205171
rs141094842
rs4804174
rs78893384
rs2965214
rs117047457
rs118145687
rs75783493
rs150009894
rs2305376
rs56173714
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rs11666603
rs147567179
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rs1210385
rs78713147
rs59402764
rs112101506
rs8105510
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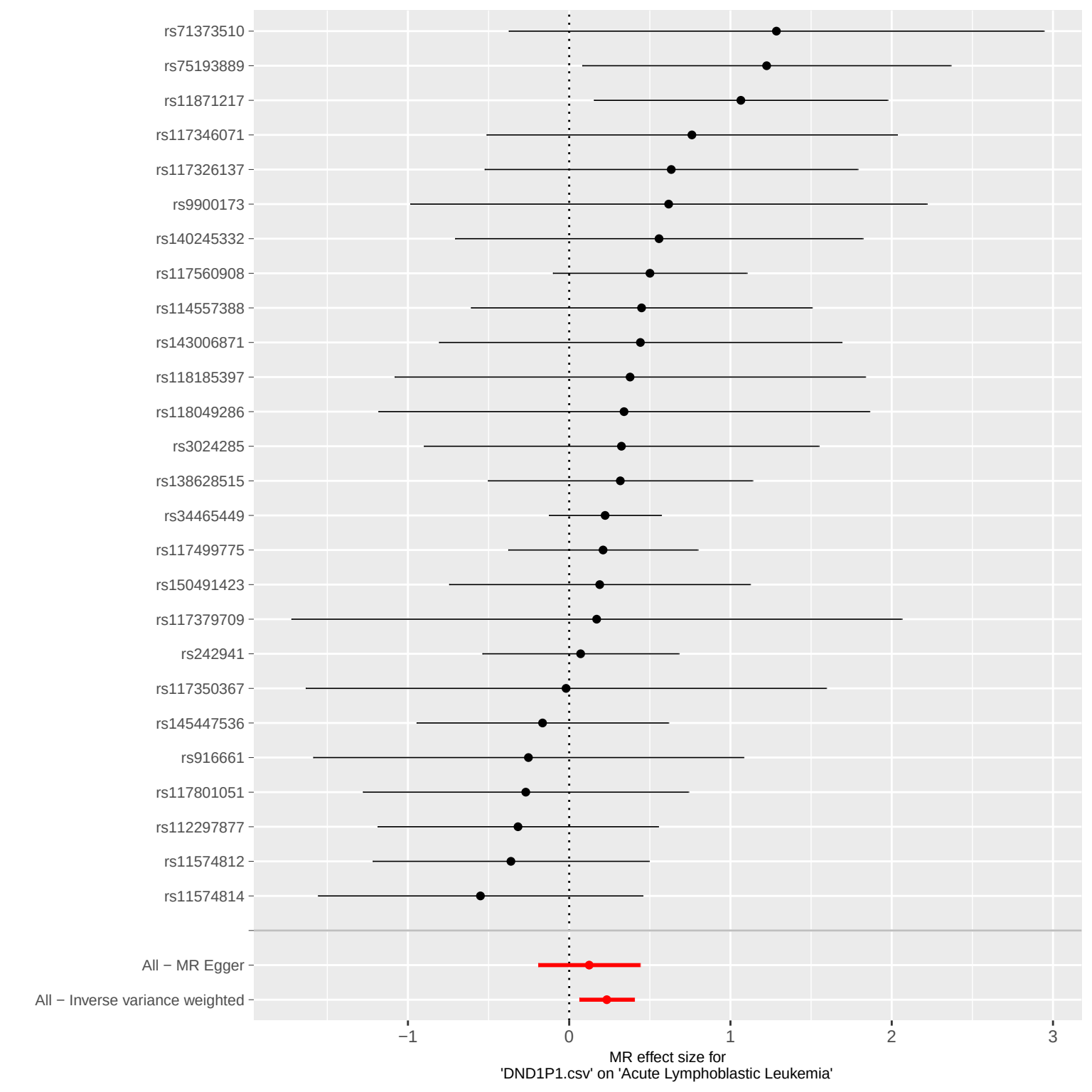
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'DNASE2.csv' on 'Acute Lymphoblastic Leukemia'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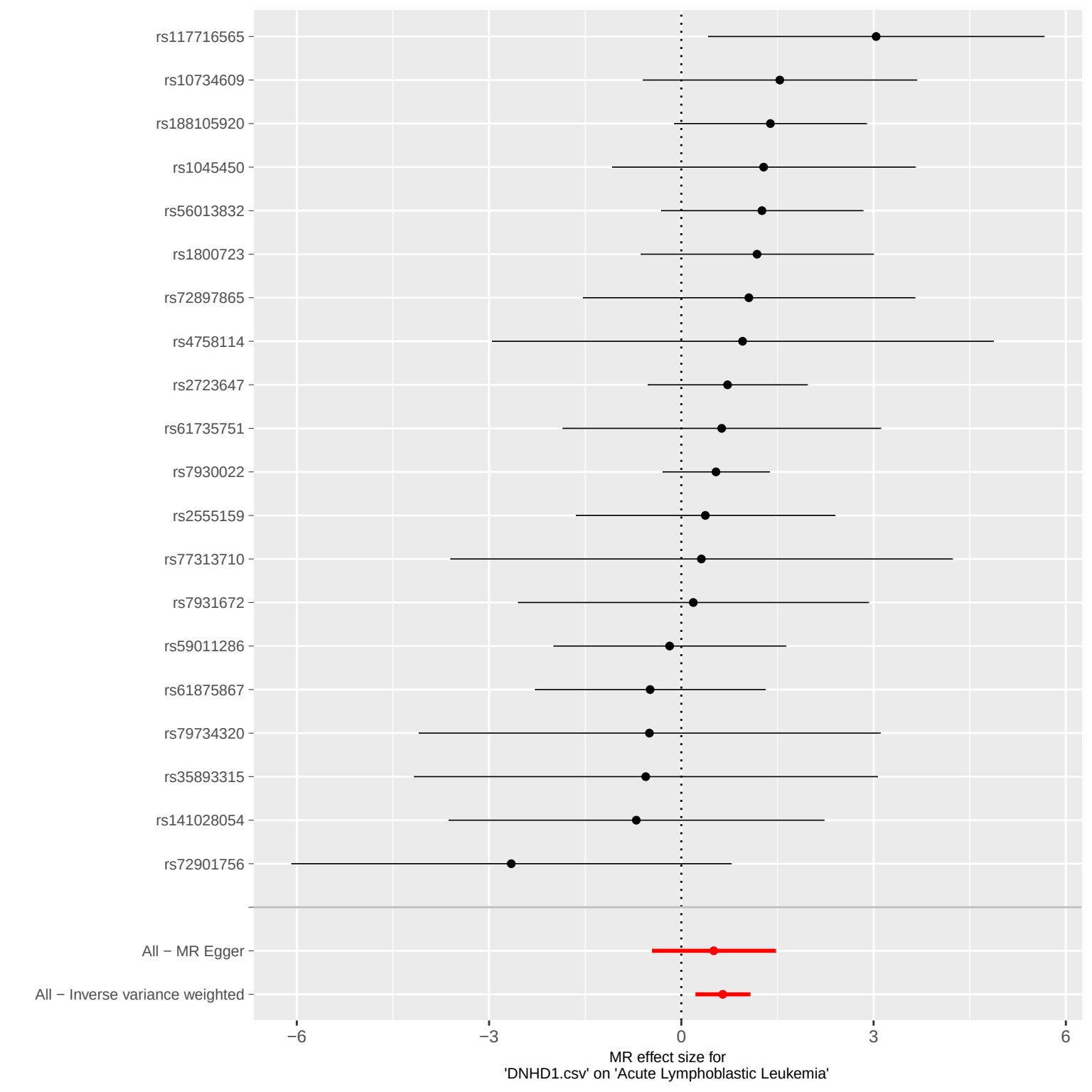
rs117801051
rs112297877
rs11574812
rs11574814
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'DND1P1.csv' on 'Acute Lymphoblastic Leukemia'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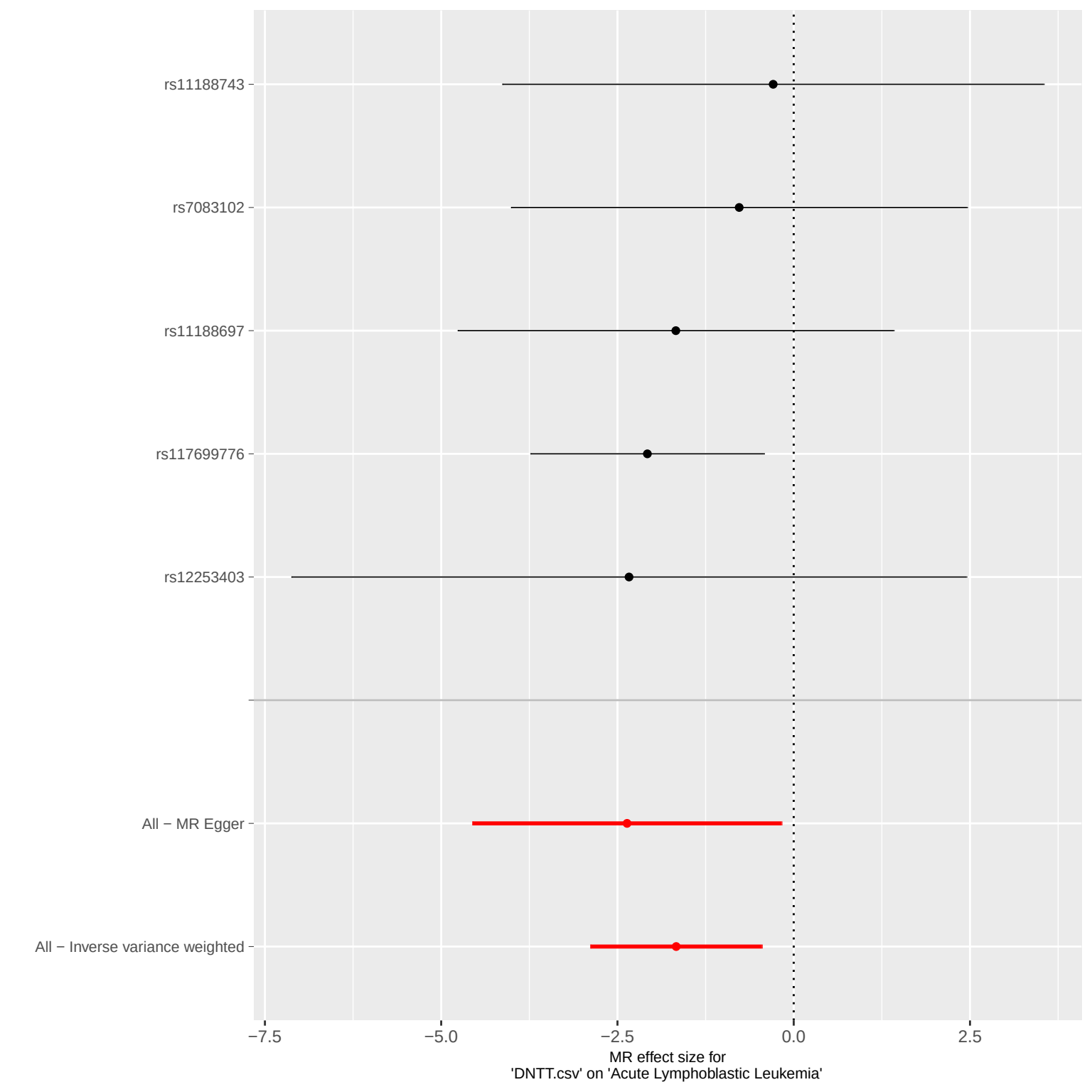
rs59011286
rs61875867
rs79734320
rs35893315
rs141028054
rs72901756
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'DNHD1.csv' on 'Acute Lymphoblastic Leukemia'


rs11188743
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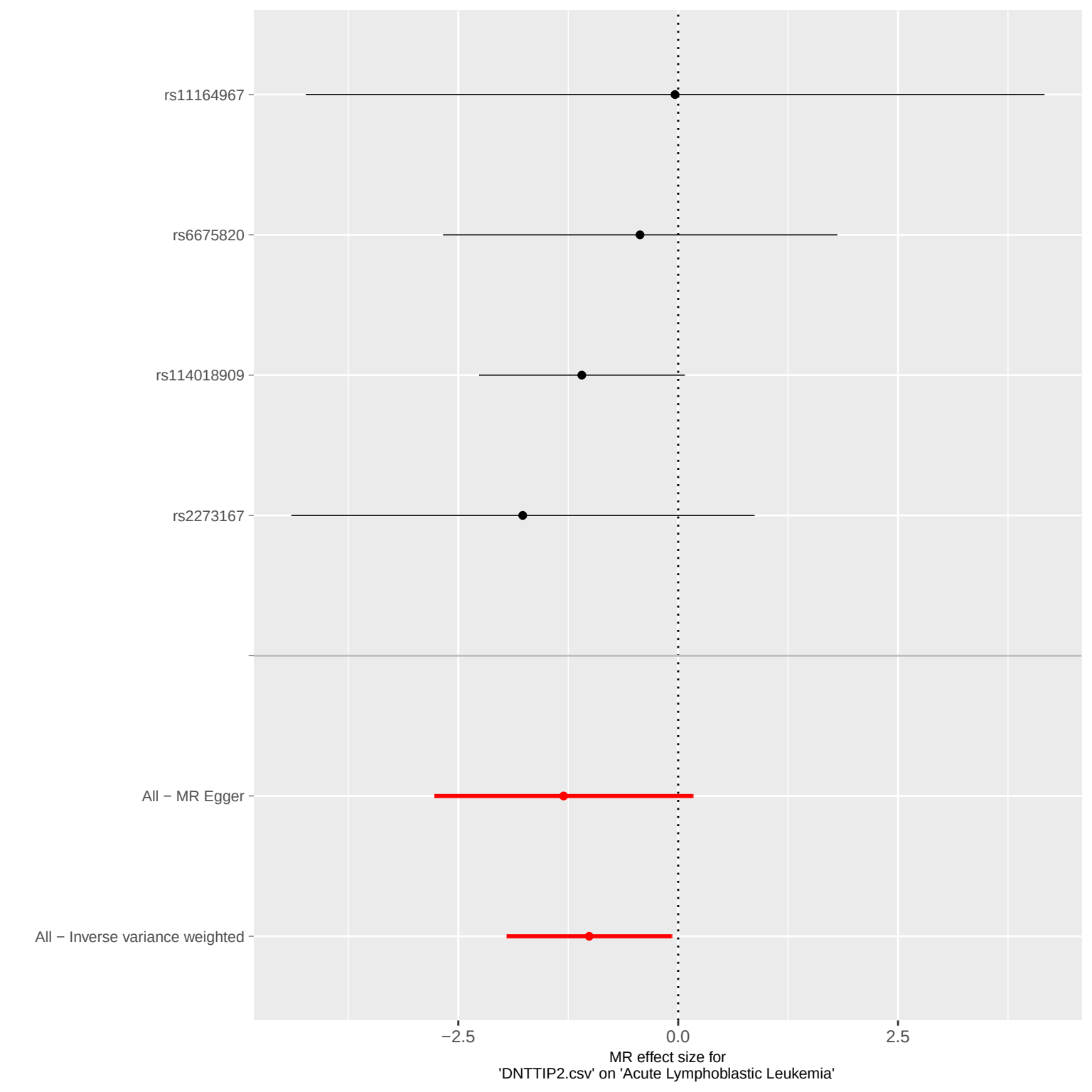
rs12253403
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'DNTT.csv' on 'Acute Lymphoblastic Leukemia'


rs11164967
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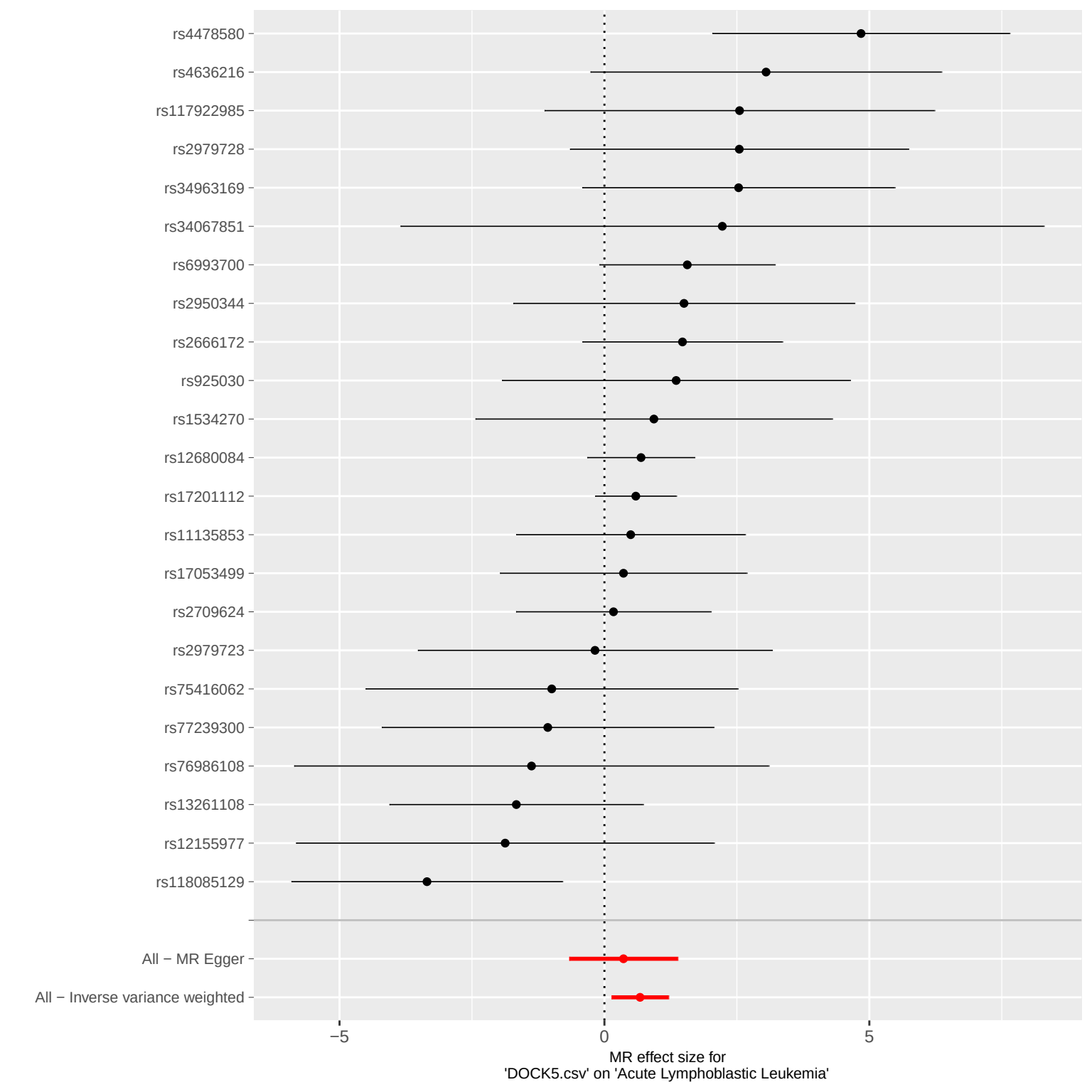
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'DNTTIP2.csv' on 'Acute Lymphoblastic Leukemia'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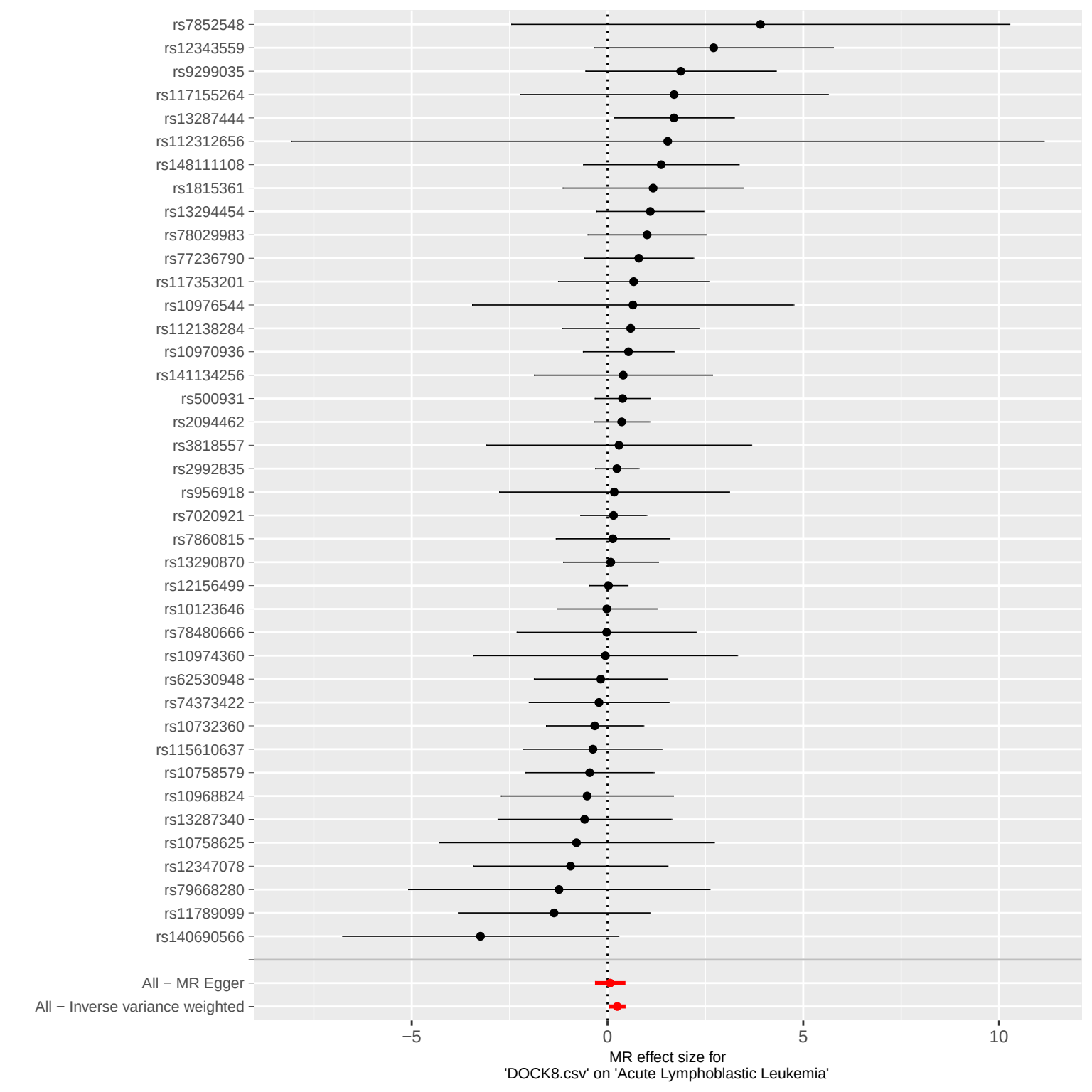
rs17053499
rs2709624
rs2979723
rs75416062
rs77239300
rs76986108
rs13261108
rs12155977
rs118085129
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'DOCK5.csv' on 'Acute Lymphoblastic Leukemia'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rs112138284
rs10970936
rs141134256
rs500931
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rs2992835
rs956918
rs7020921
rs7860815
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rs13287340
rs10758625
rs12347078
rs79668280
rs11789099
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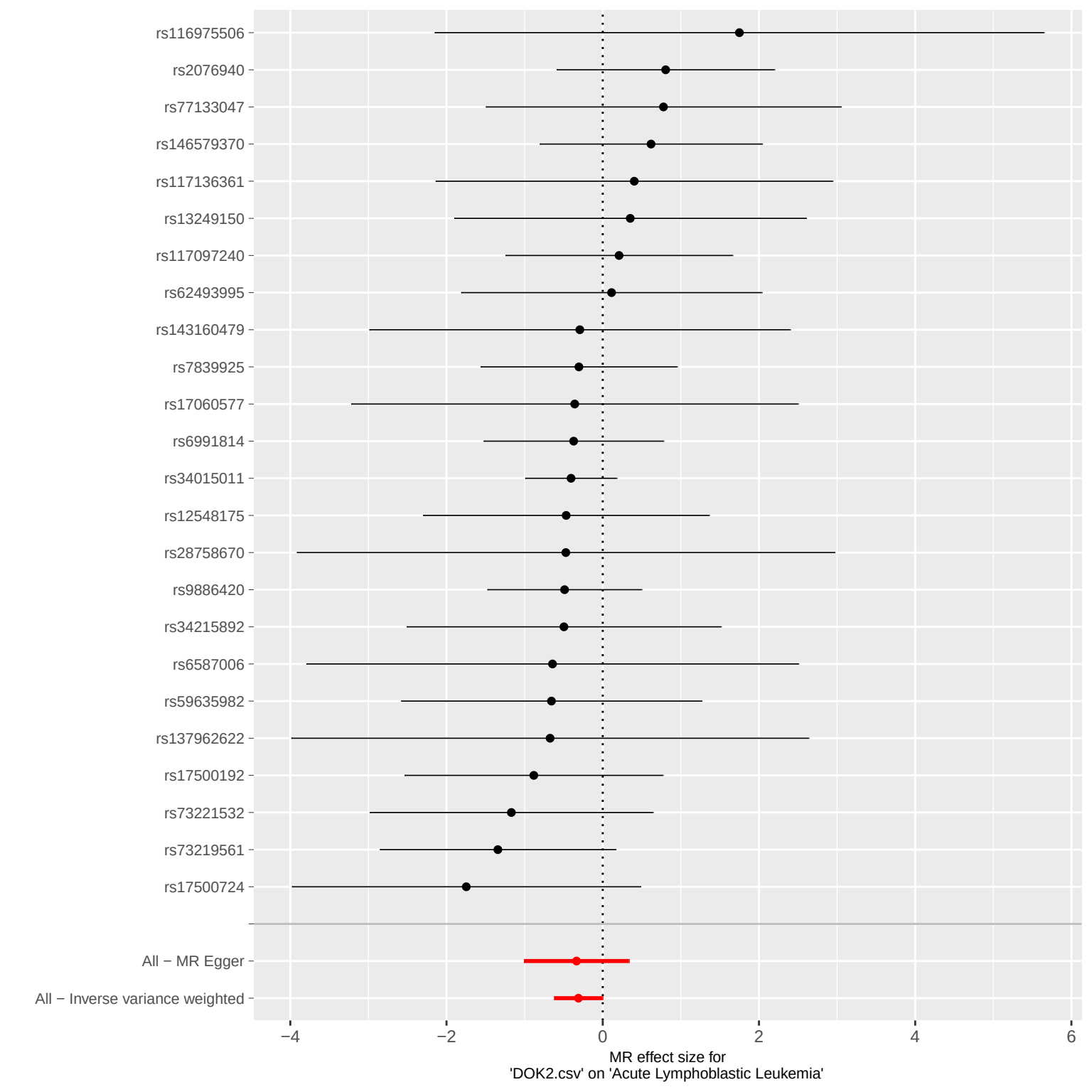
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'DOCK8.csv' on 'Acute Lymphoblastic Leukemia'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rs7839925
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rs6991814
rs34015011
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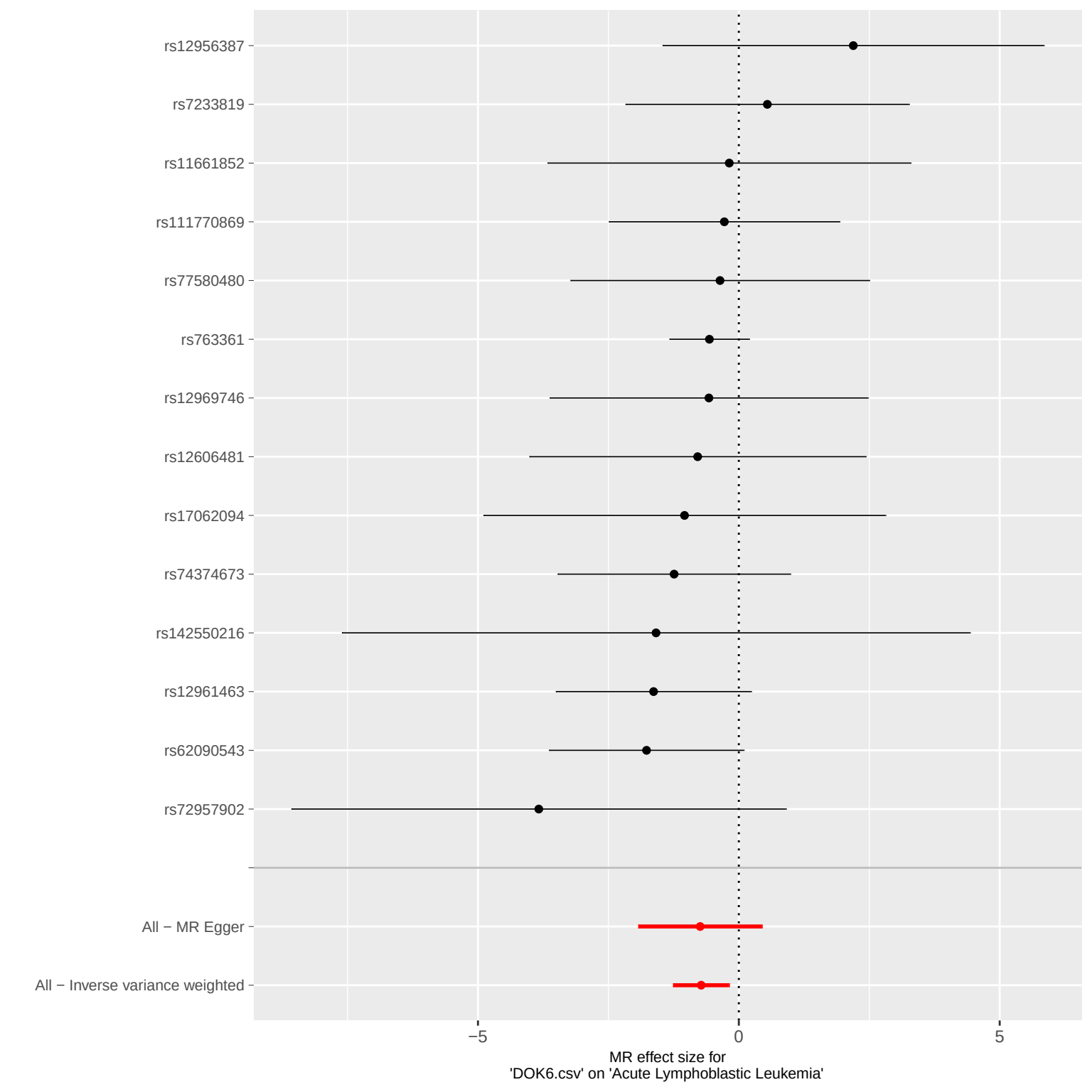
rs28758670
rs9886420
rs34215892
rs6587006
rs59635982
rs137962622
rs17500192
rs73221532
rs73219561
rs17500724
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'DOK2.csv' on 'Acute Lymphoblastic Leukemia'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rs763361
rs12969746
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rs17062094
rs74374673
rs142550216
rs12961463
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All − MR Egger
All − Inverse variance weighted
−5
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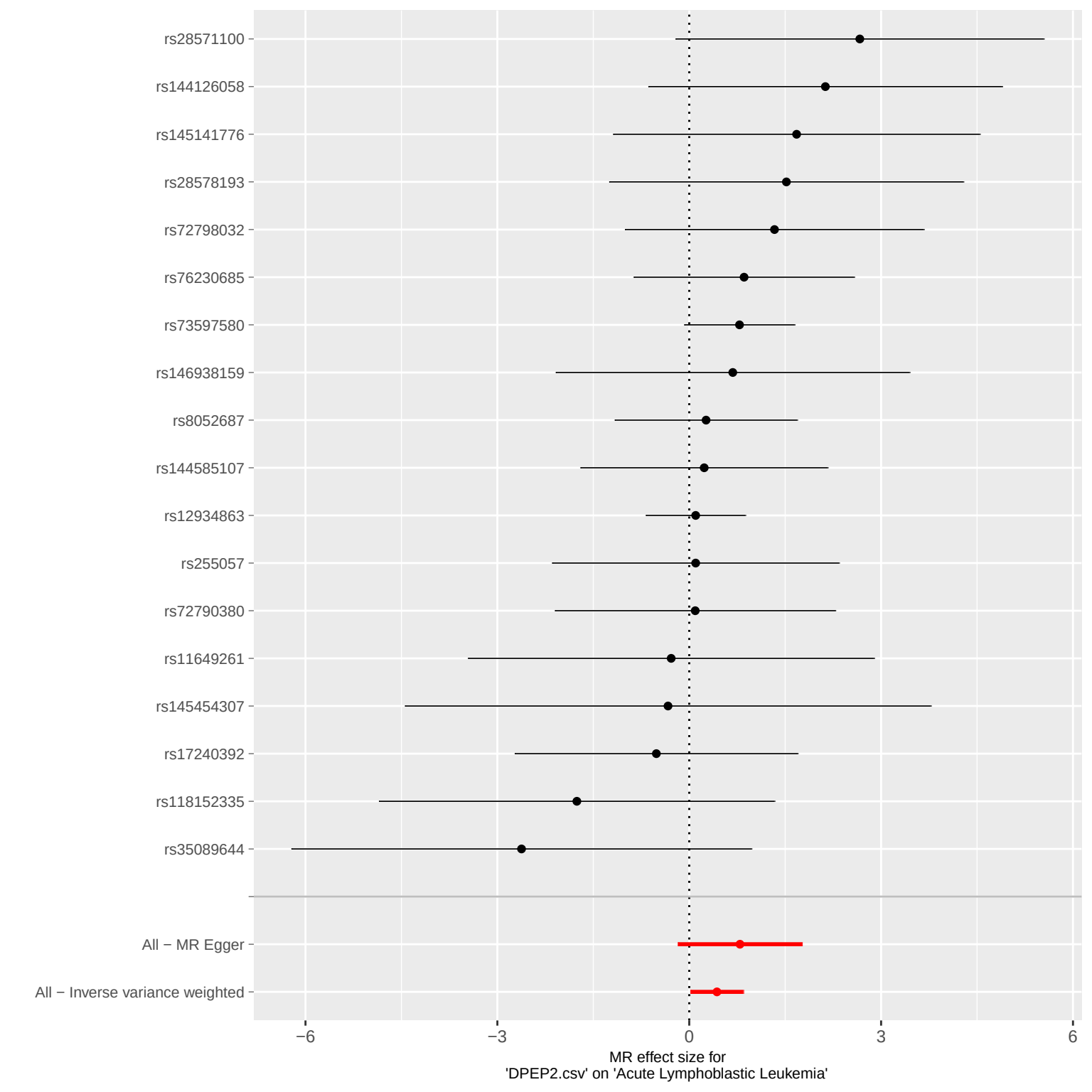
5
MR effect size for
'DOK6.csv' on 'Acute Lymphoblastic Leukemia'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rs8052687
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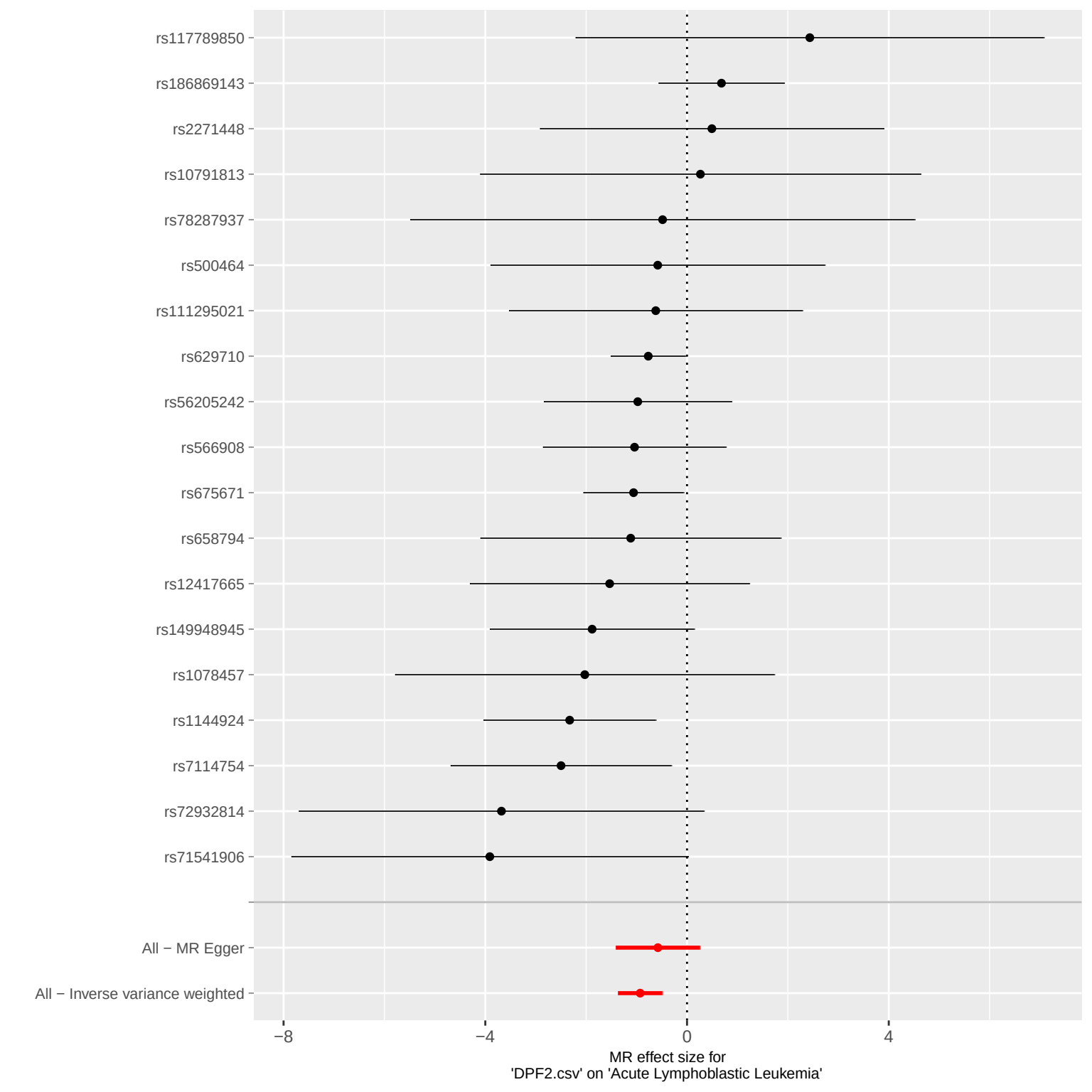
rs255057
rs72790380
rs11649261
rs145454307
rs17240392
rs118152335
rs35089644
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'DPEP2.csv' on 'Acute Lymphoblastic Leukemia'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rs149948945
rs1078457
rs1144924
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rs72932814
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All − MR Egger
All − Inverse variance weighted
−8
−4
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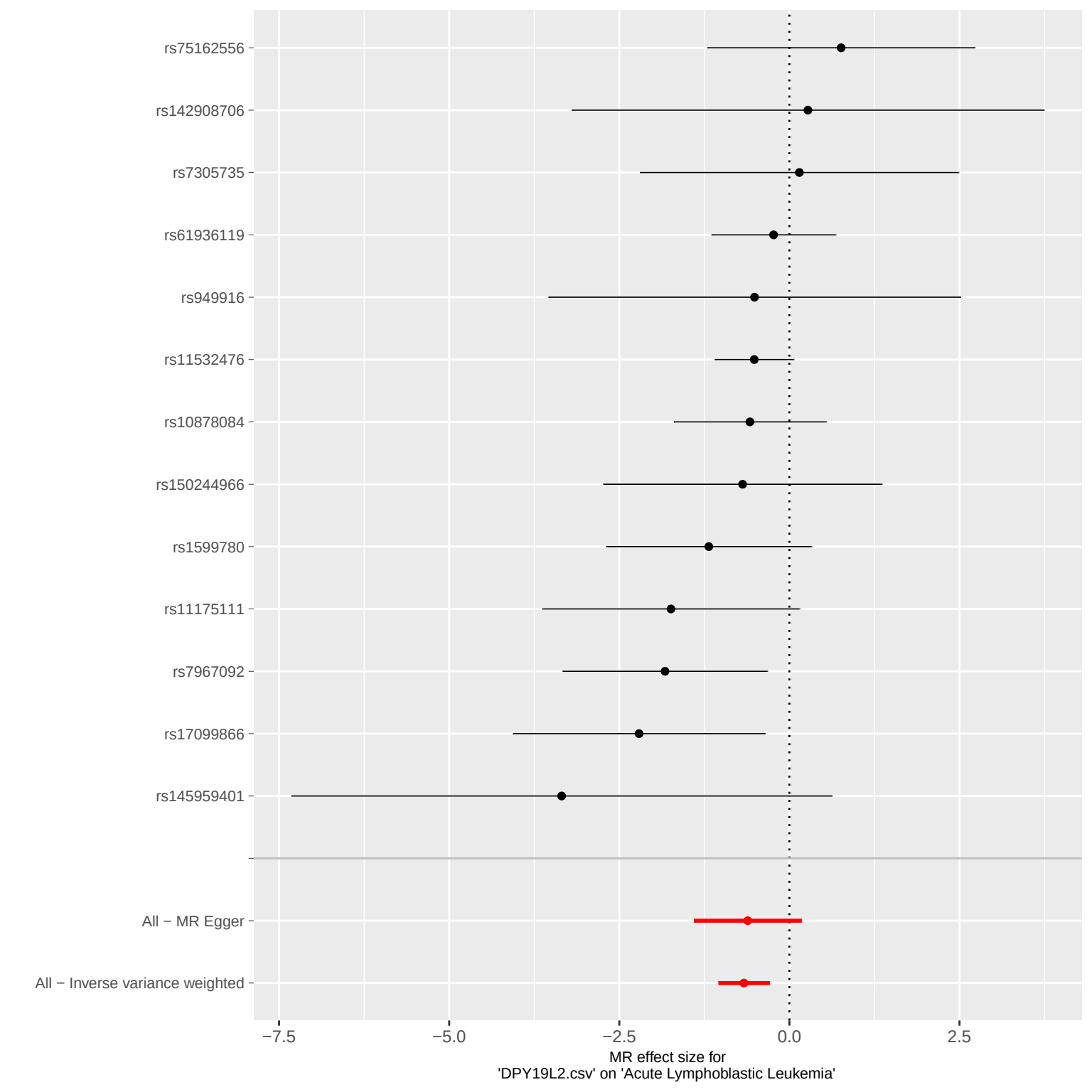
4
MR effect size for
'DPF2.csv' on 'Acute Lymphoblastic Leukemia'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rs150244966
rs1599780
rs11175111
rs7967092
rs17099866
rs145959401
All − MR Egger
All − Inverse variance weighted
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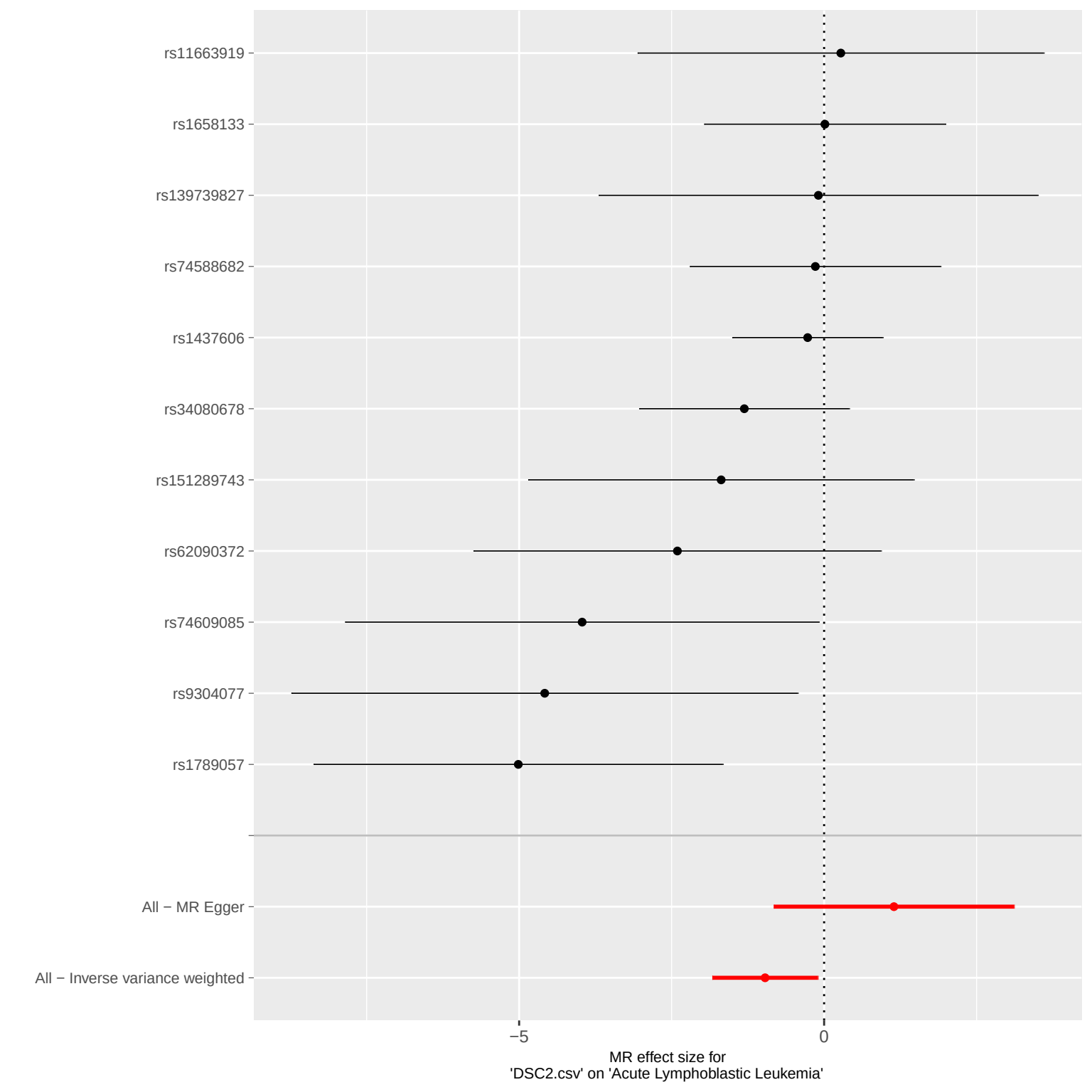
−5.0
−2.5
0.0
2.5
MR effect size for
'DPY19L2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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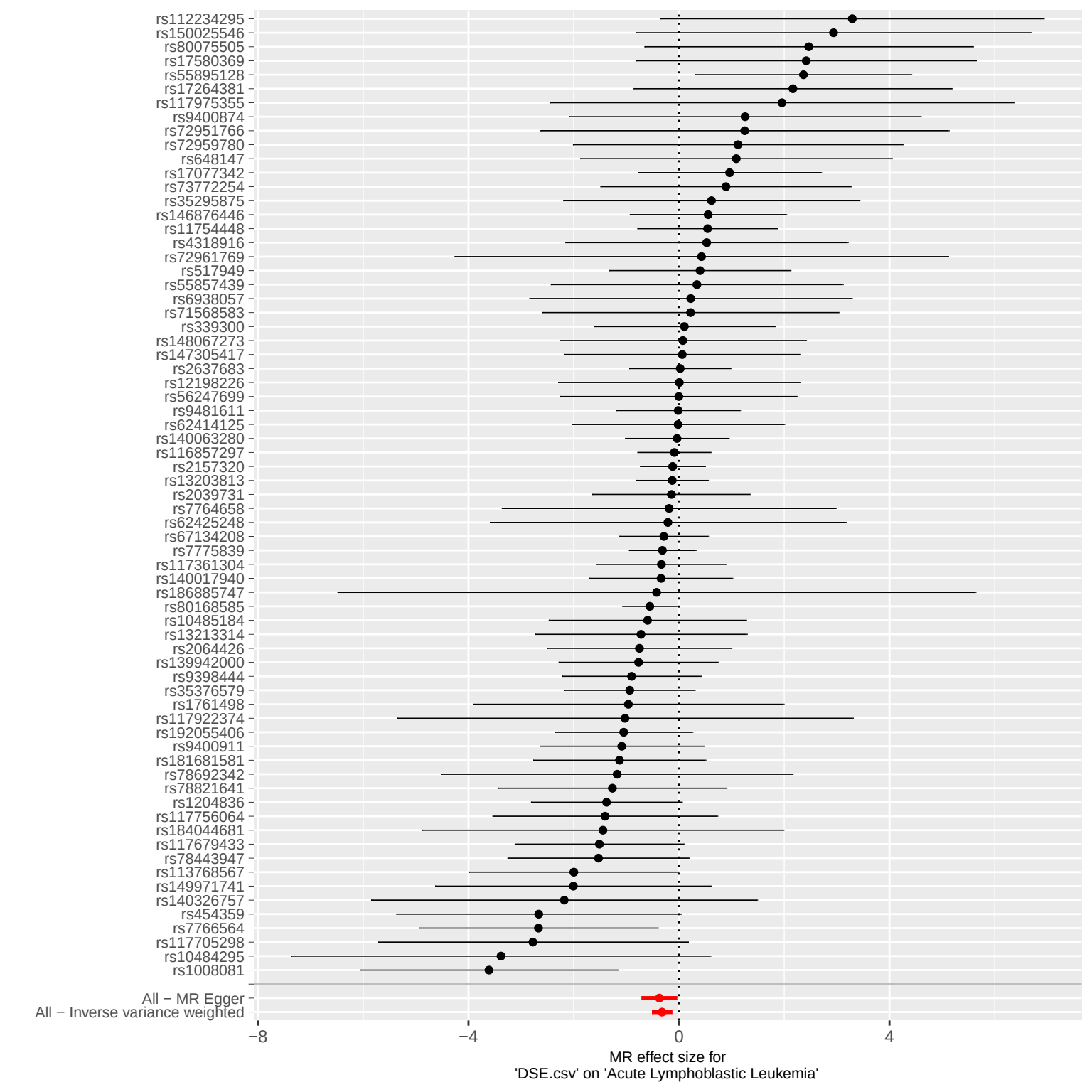
MR effect size for
'DSC2.csv' on 'Acute Lymphoblastic Leukemia'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rs149971741
rs140326757
rs454359
rs7766564
rs117705298
rs10484295
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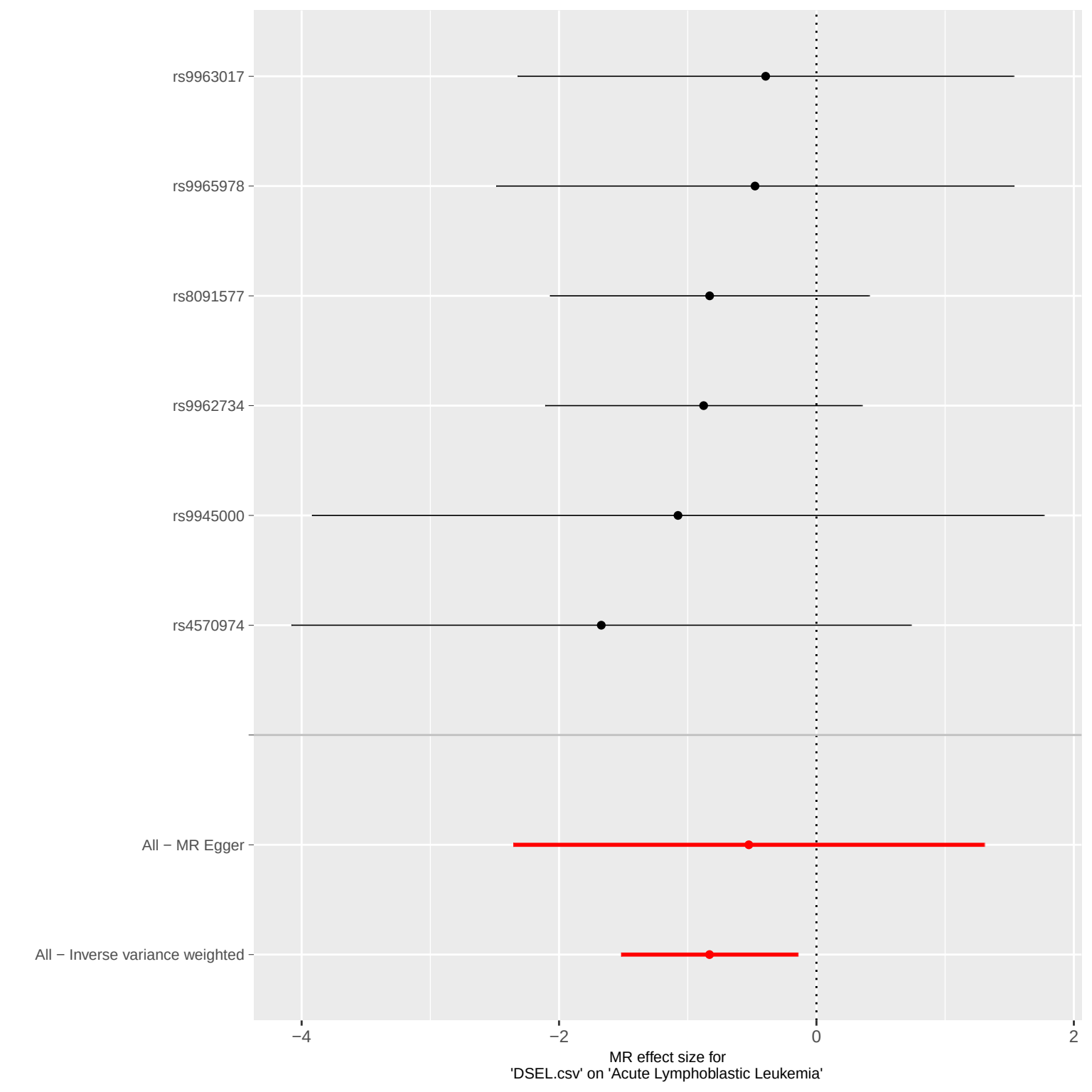
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'DSE.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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−2
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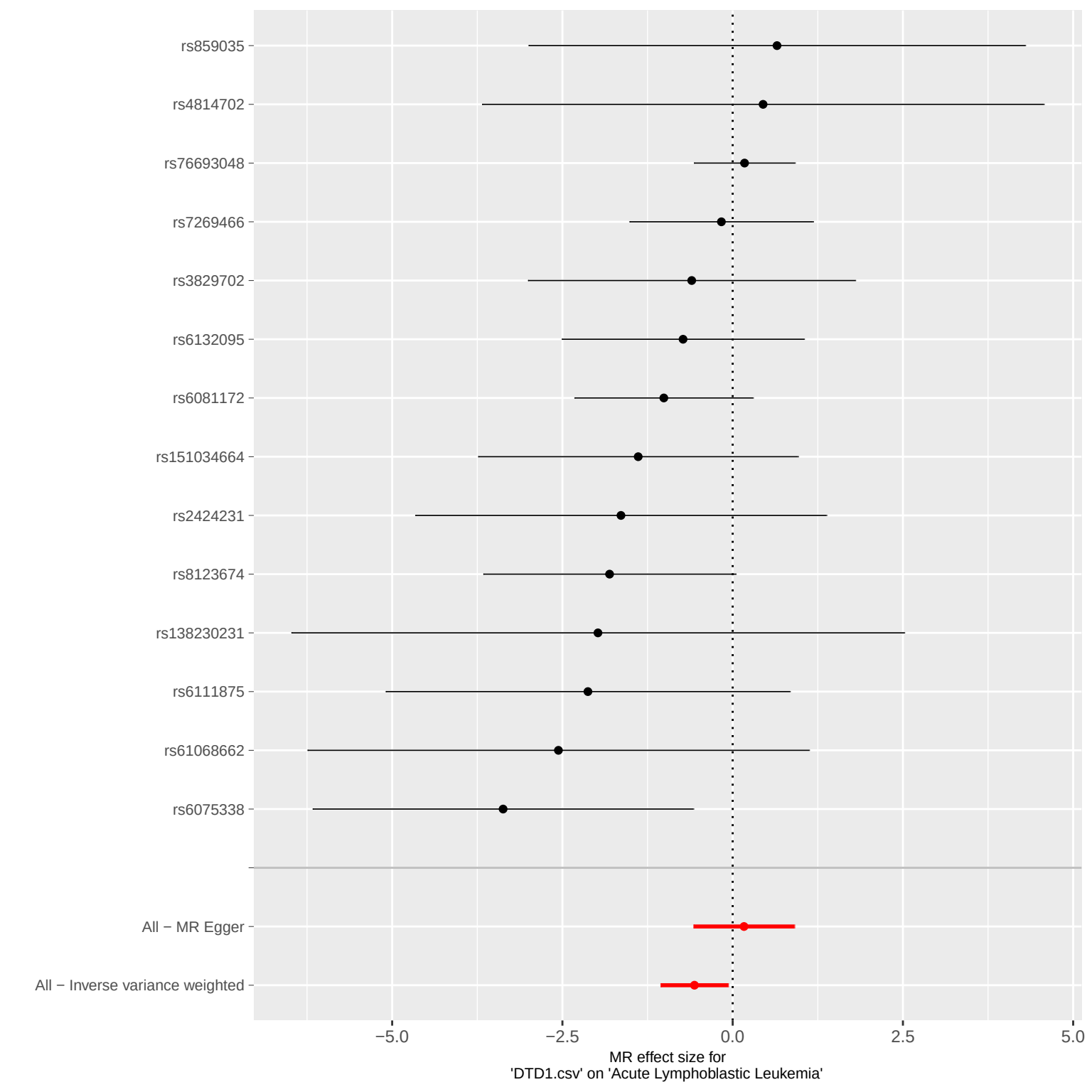
MR effect size for
'DSEL.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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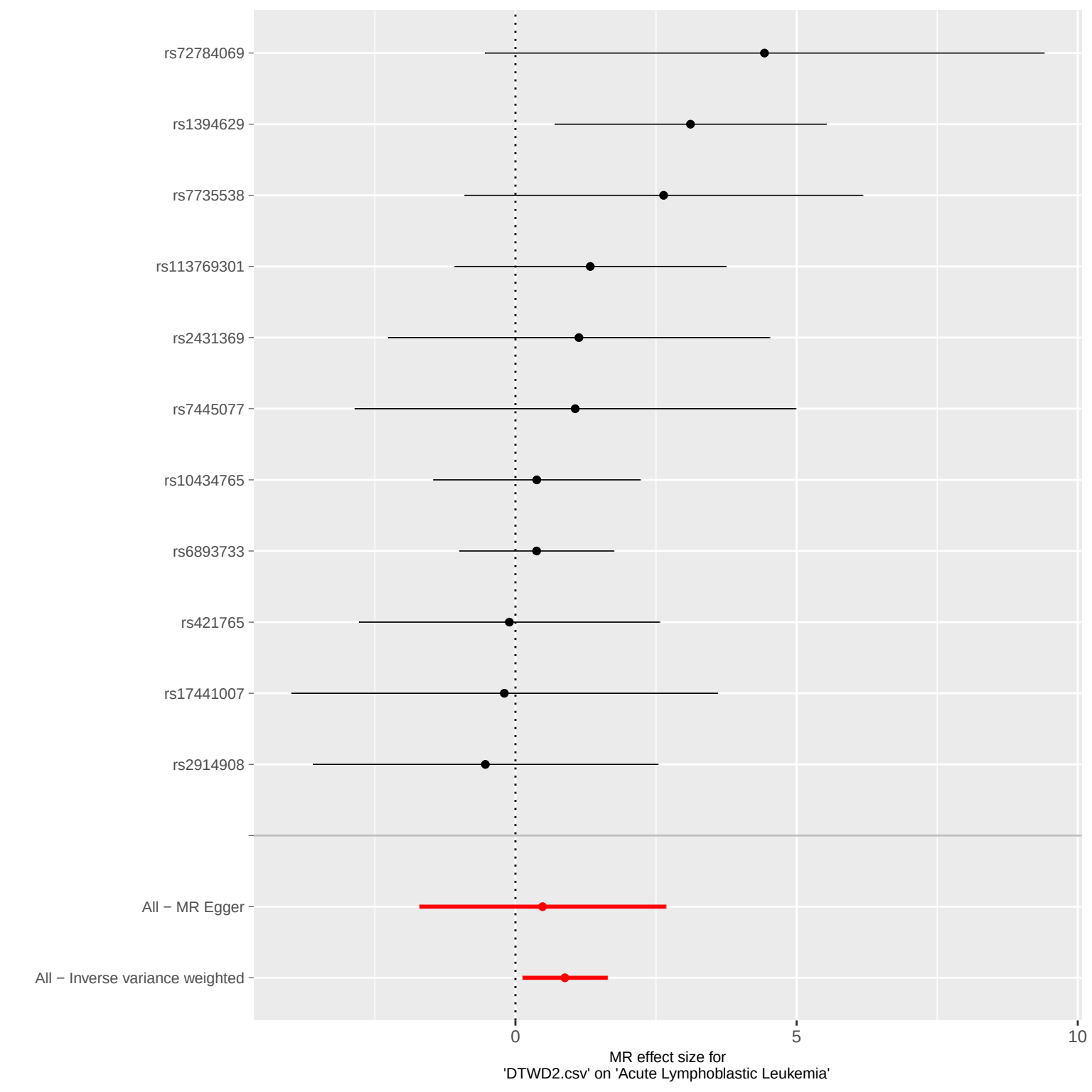
5.0
MR effect size for
'DTD1.csv' on 'Acute Lymphoblastic Leukemia'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rs7445077
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All − MR Egger
All − Inverse variance weighted
0
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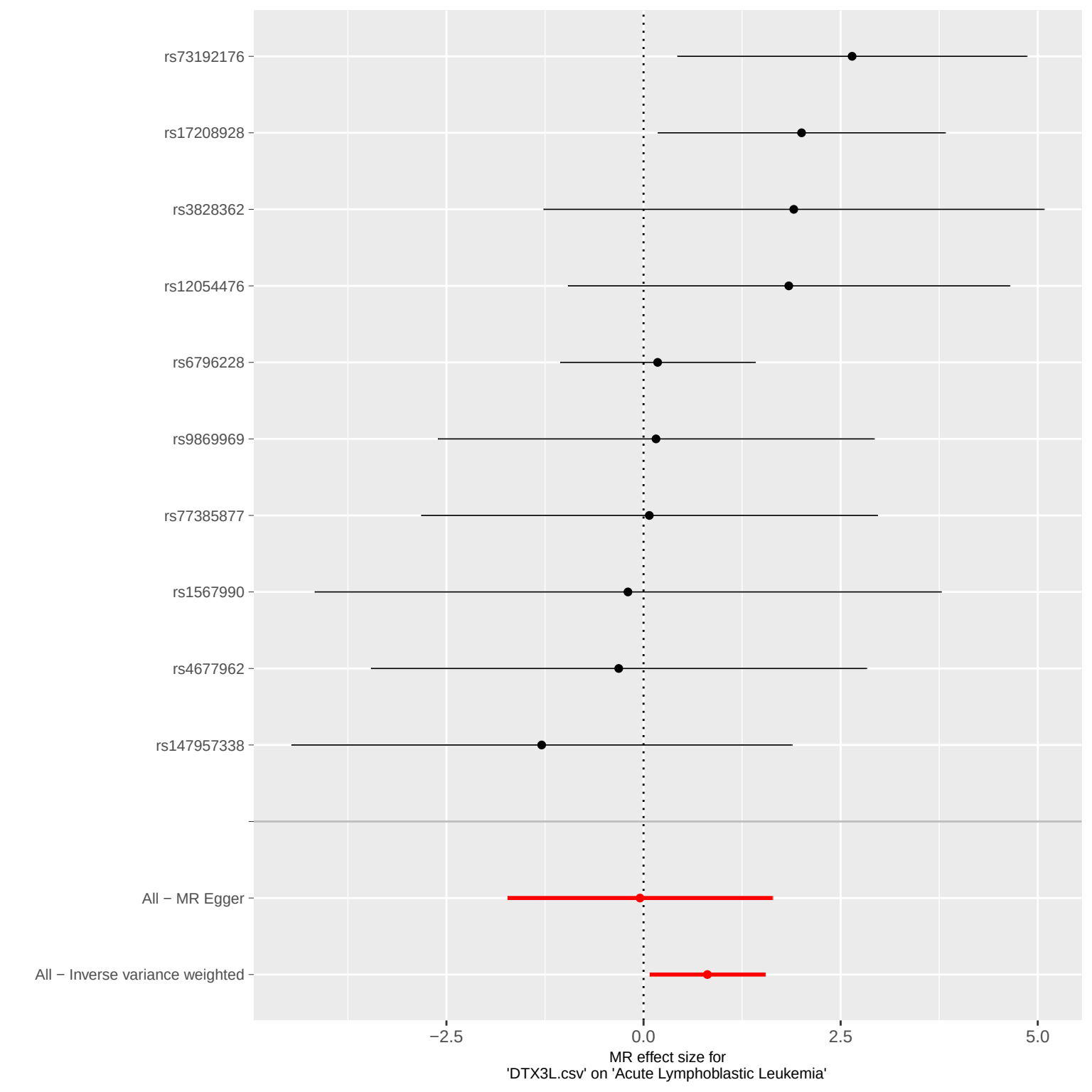
MR effect size for
'DTWD2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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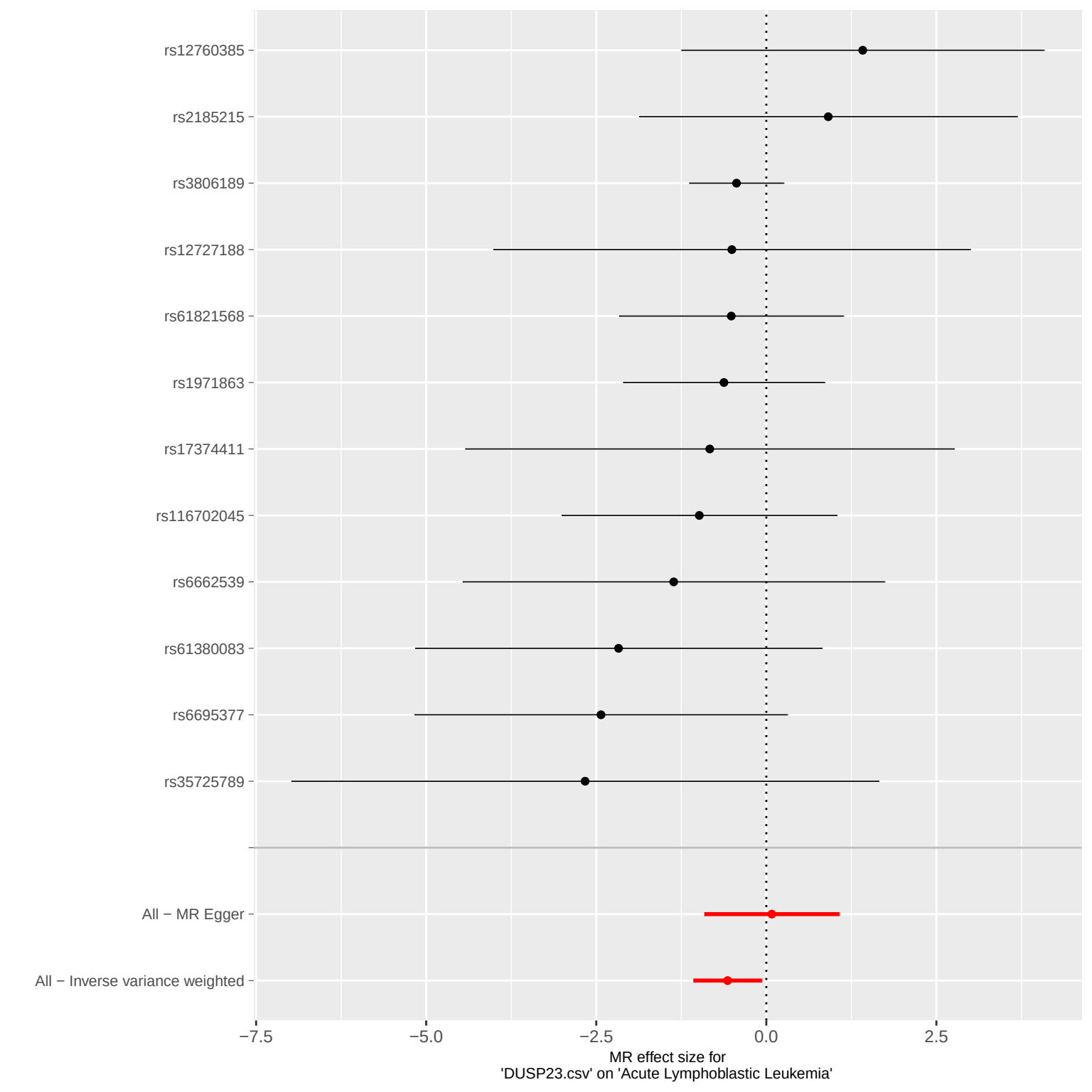
0.0
2.5
5.0
MR effect size for
'DTX3L.csv' on 'Acute Lymphoblastic Leukemia'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rs1971863
rs17374411
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rs6695377
rs35725789
All − MR Egger
All − Inverse variance weighted
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−5.0
−2.5
0.0
2.5
MR effect size for
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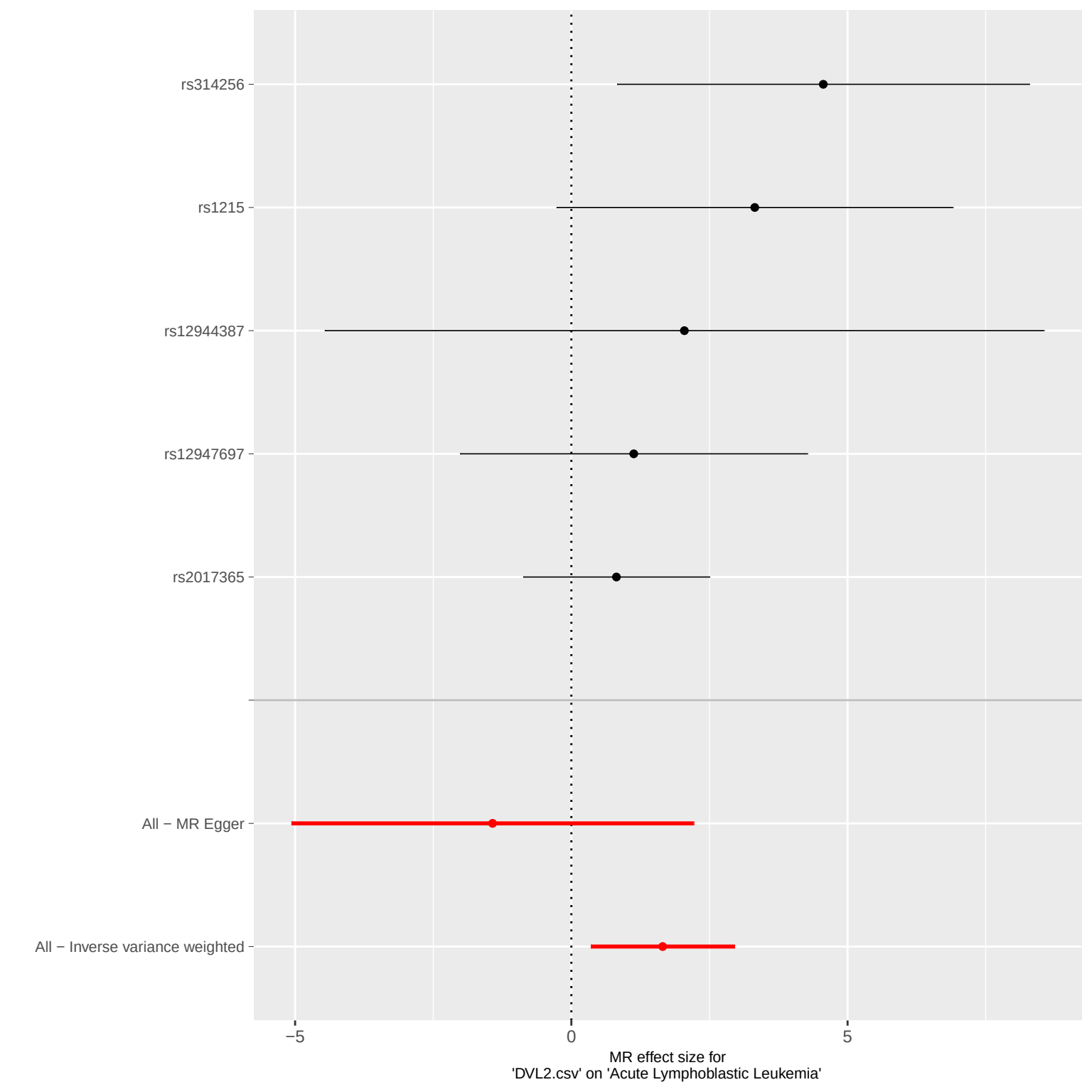
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All − Inverse variance weighted
−5
0
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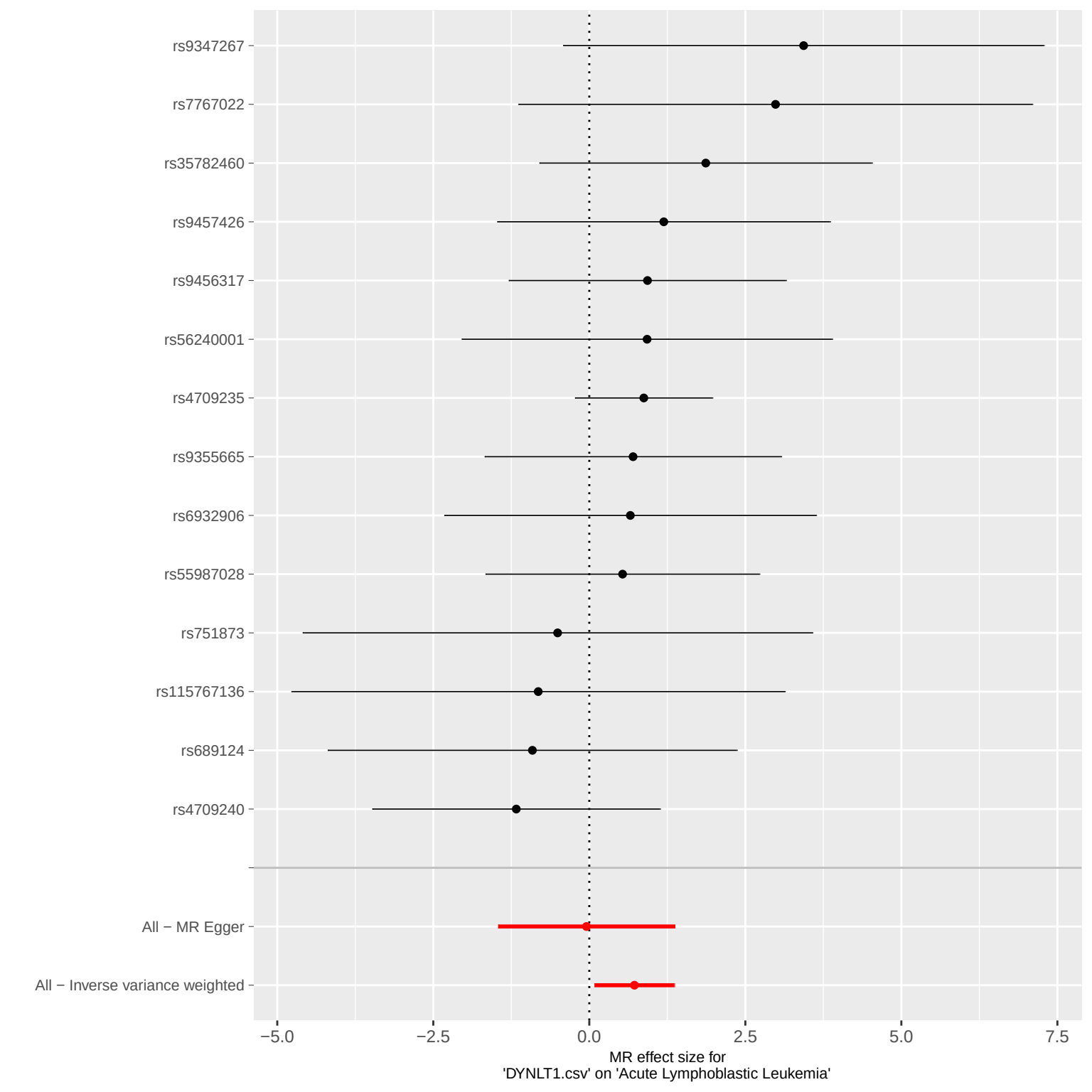
MR effect size for
'DVL2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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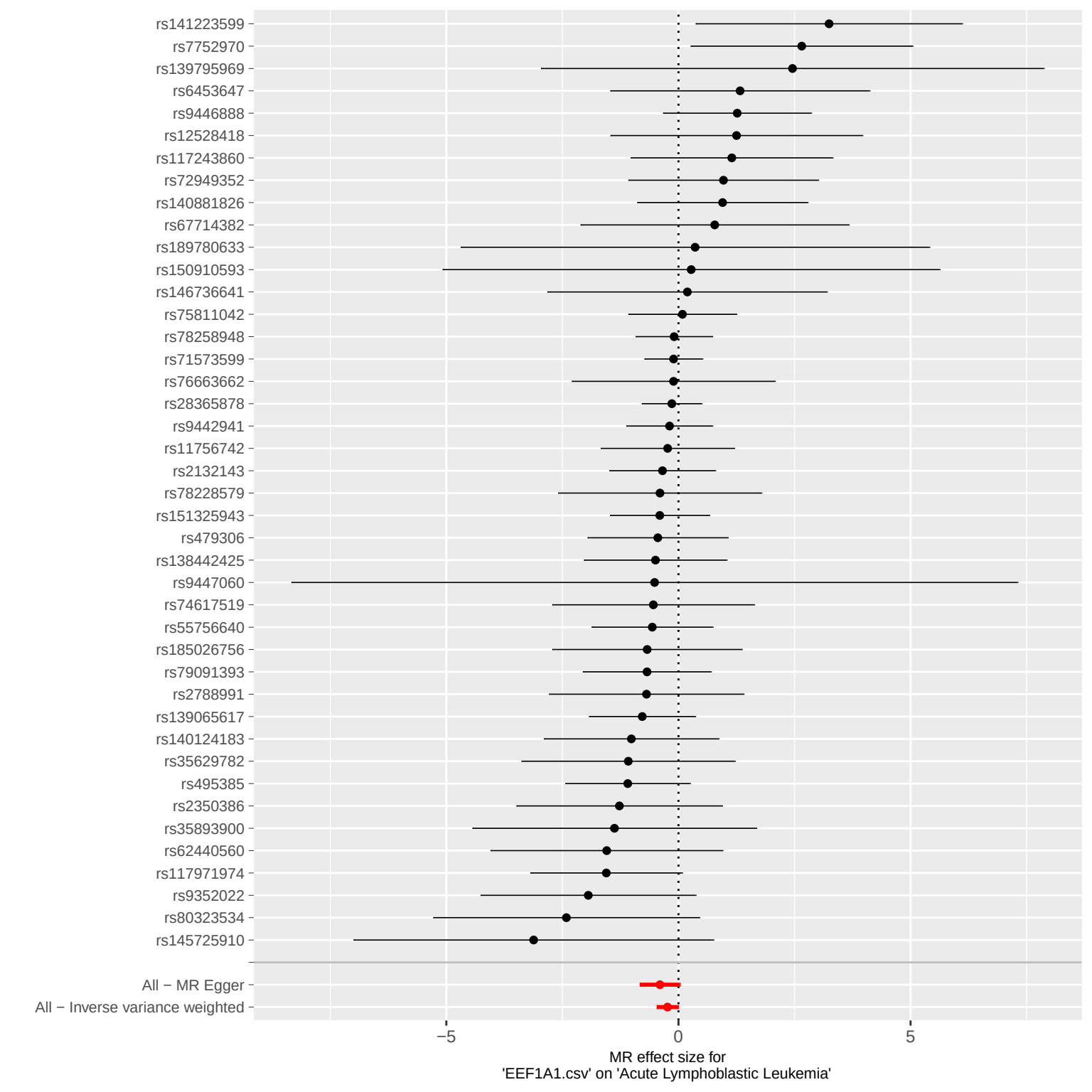
5.0
7.5
MR effect size for
'DYNLT1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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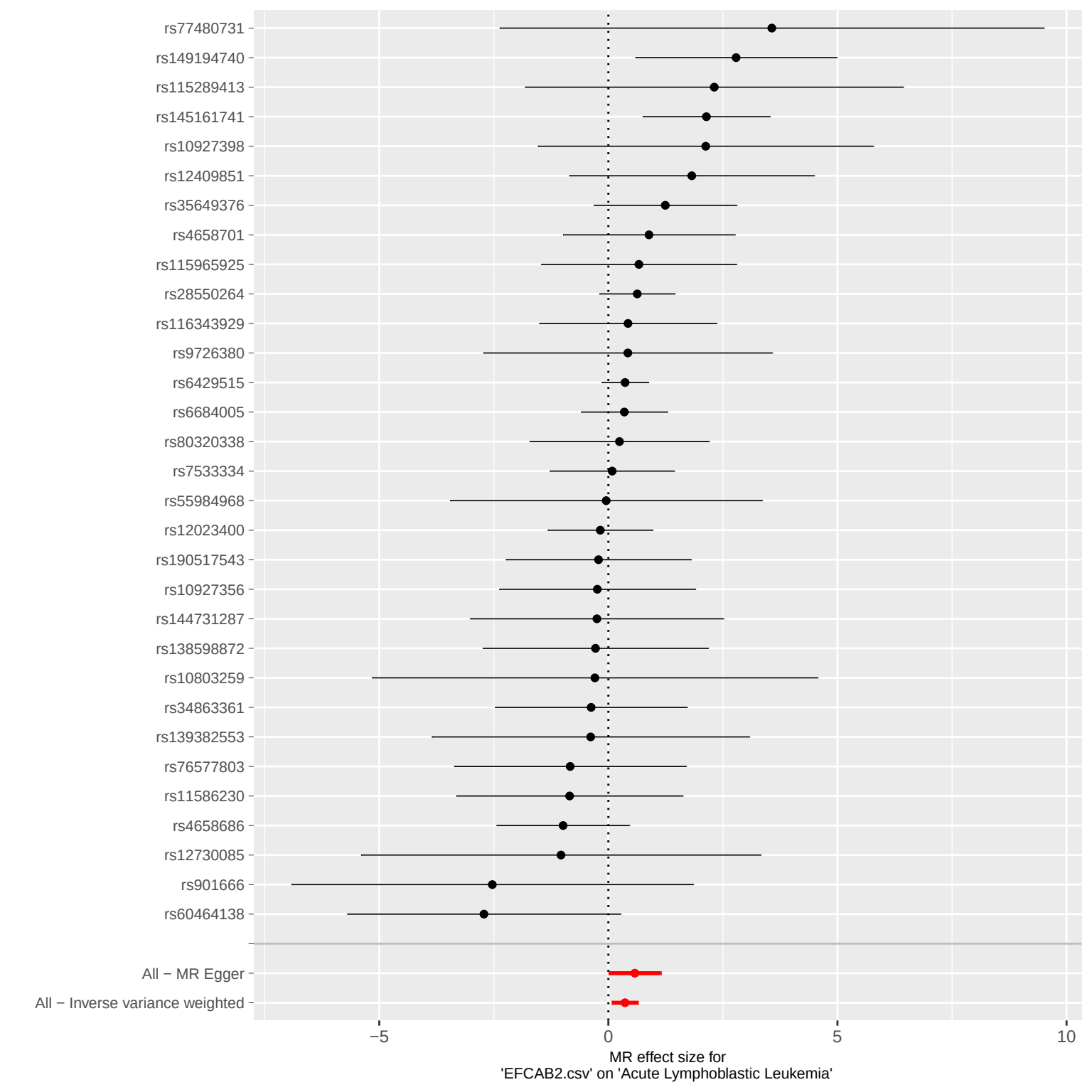
MR effect size for
'EEF1A1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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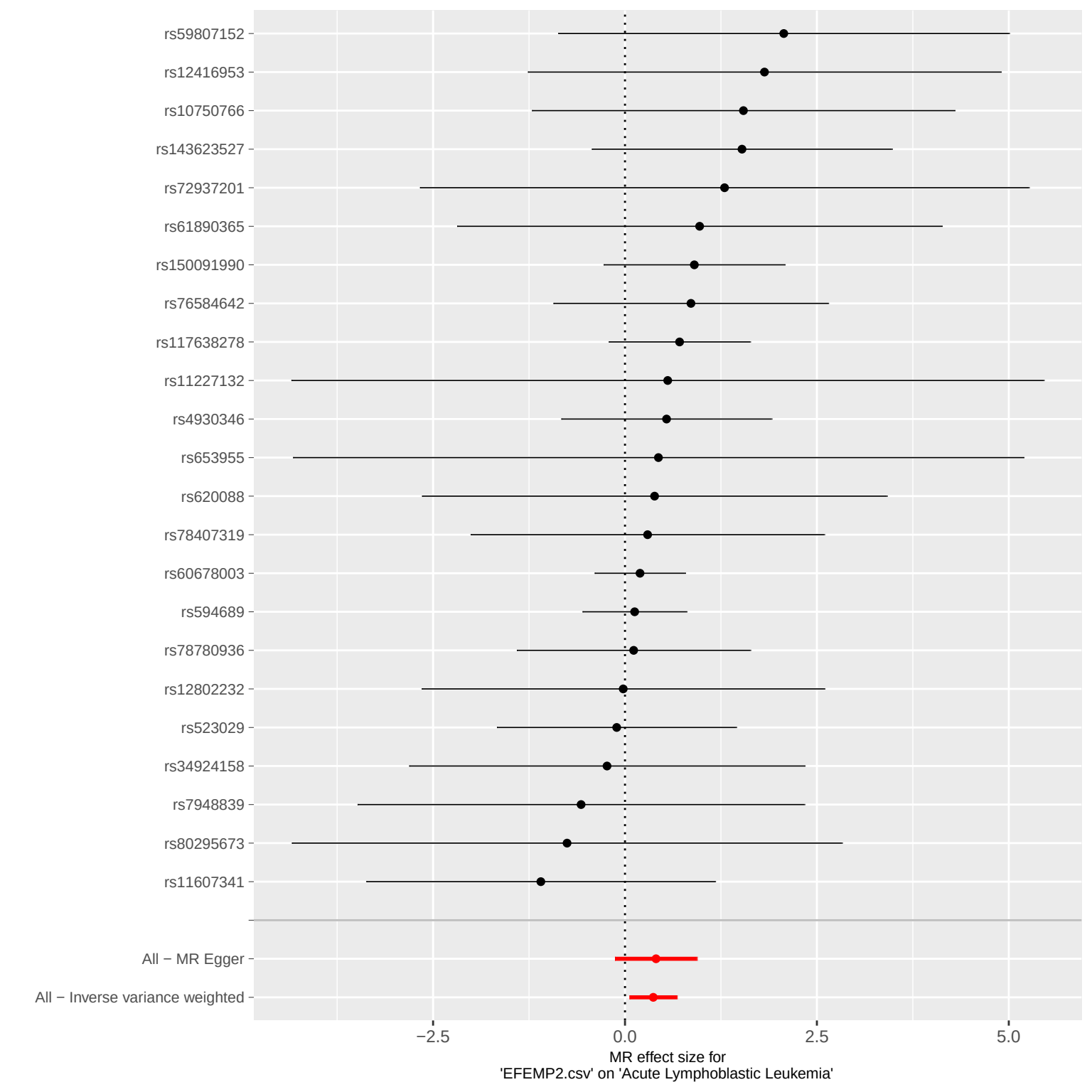
MR effect size for
'EFCAB2.csv' on 'Acute Lymphoblastic Leukemia'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rs11607341
All − MR Egger
All − Inverse variance weighted
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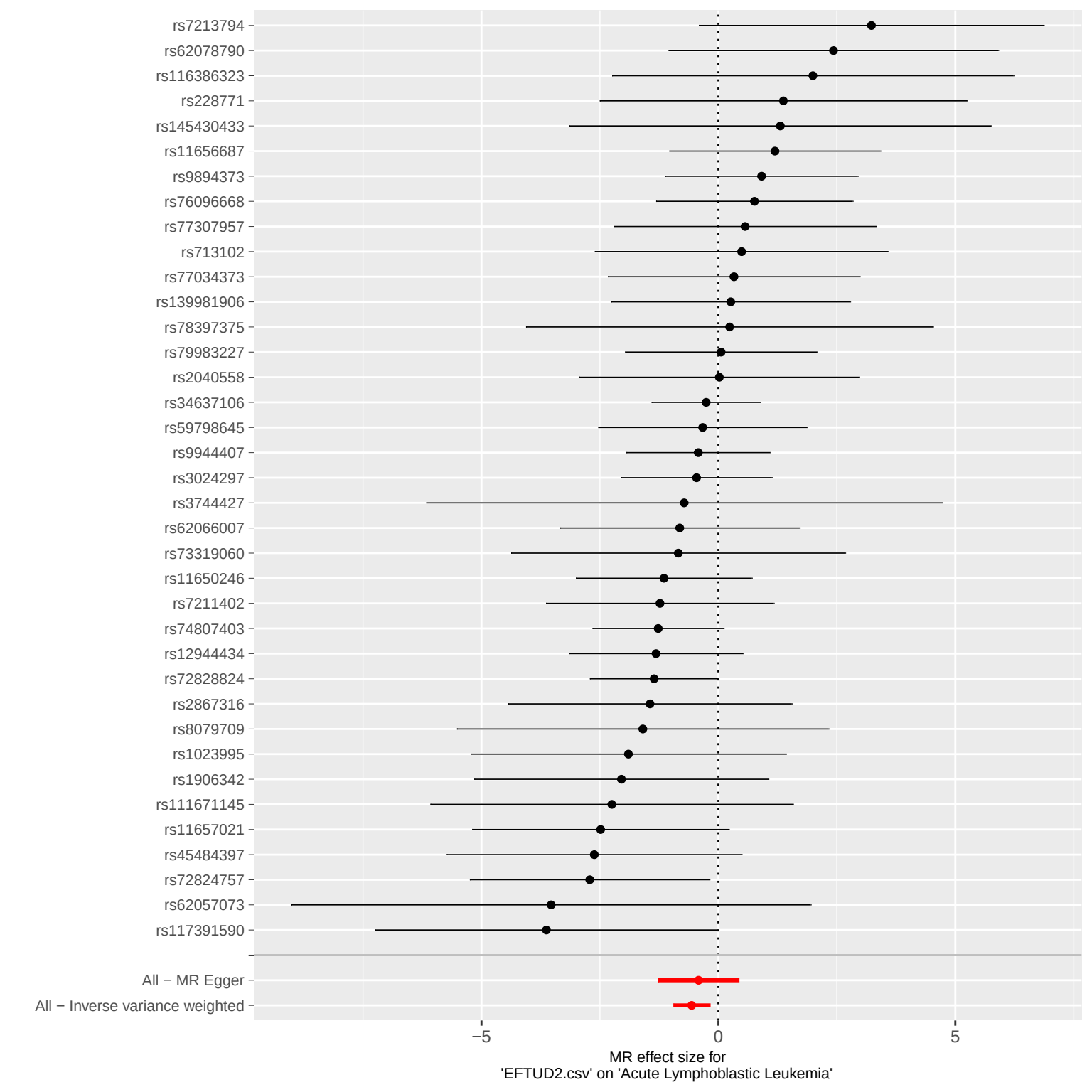
0.0
2.5
5.0
MR effect size for
'EFEMP2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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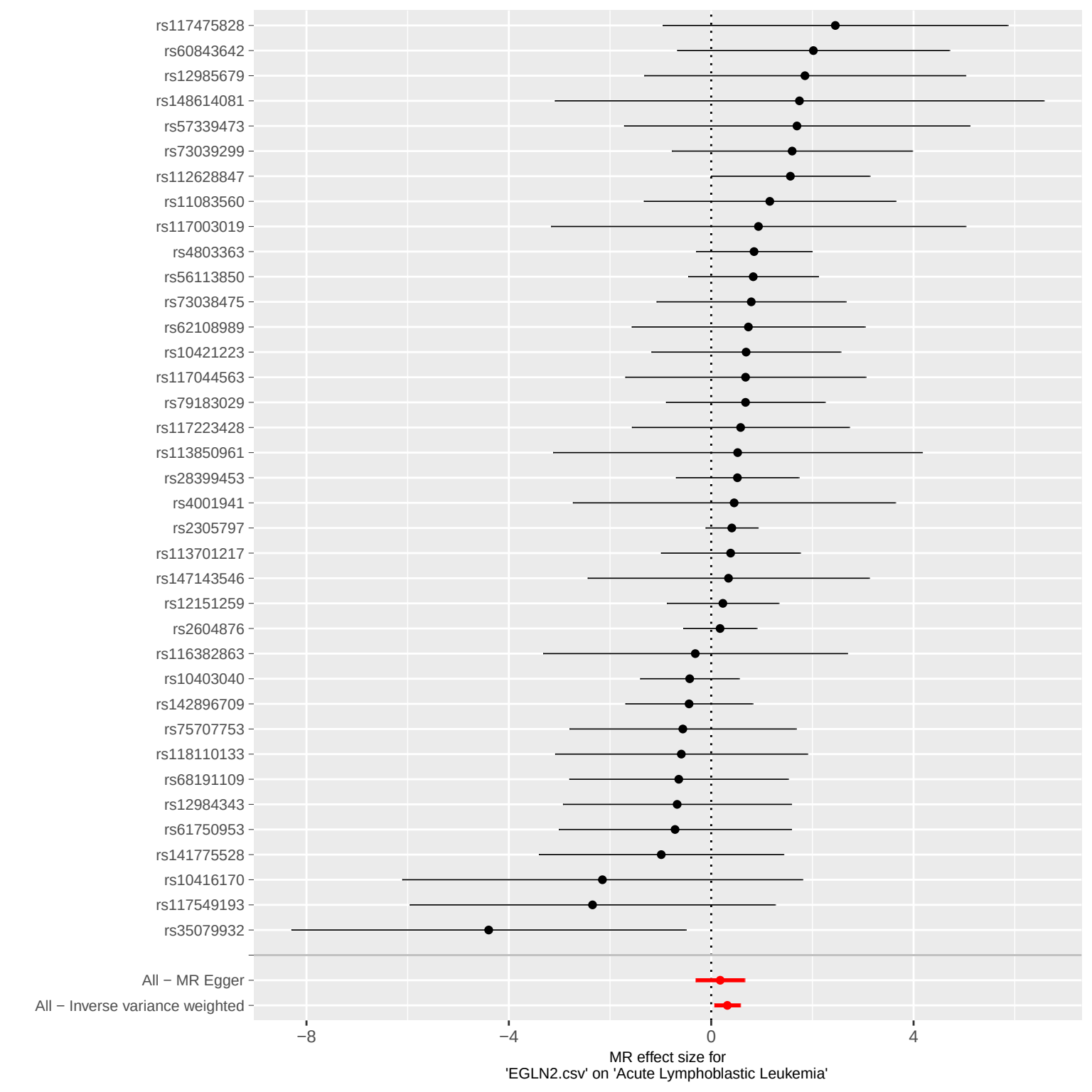
5
MR effect size for
'EFTUD2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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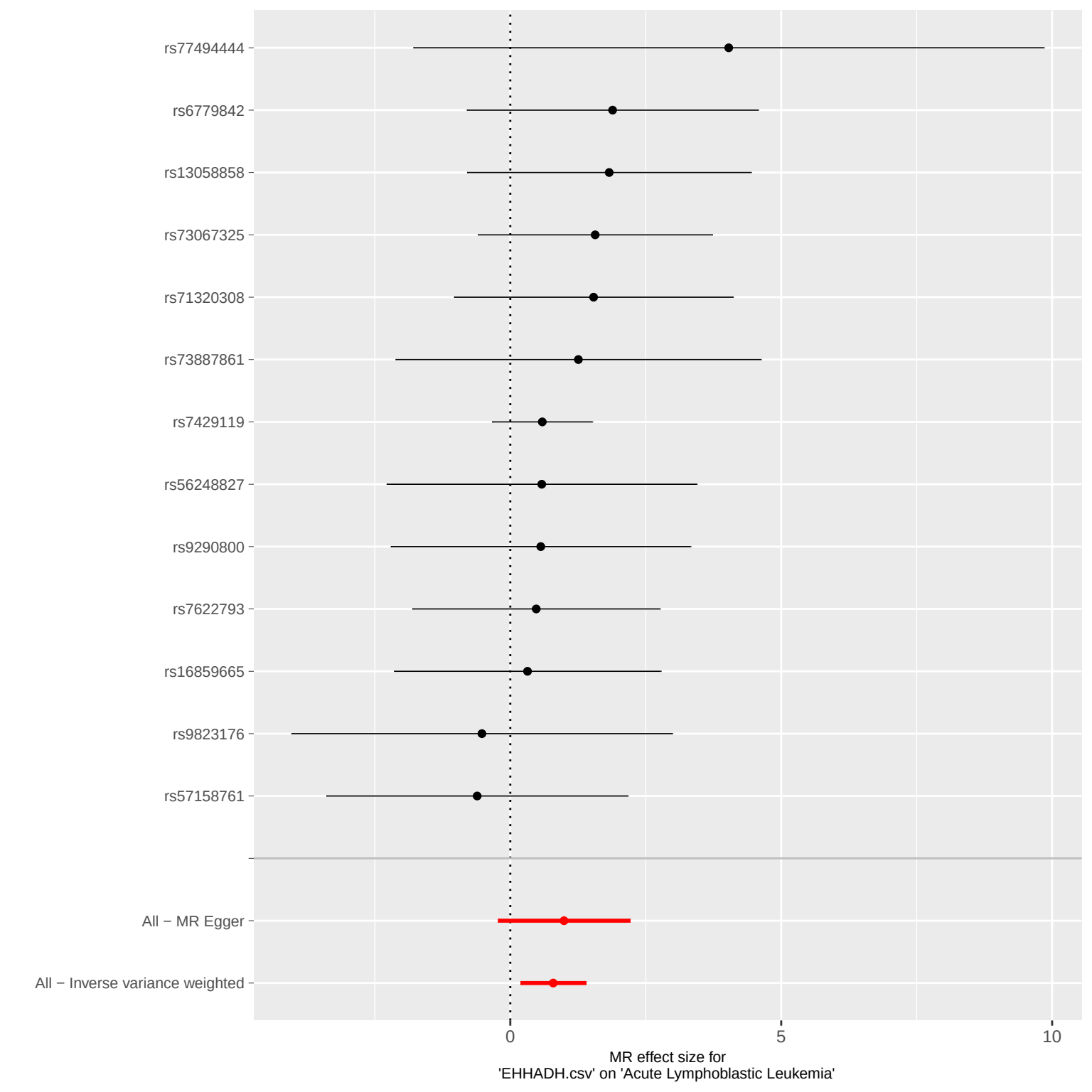
4
MR effect size for
'EGLN2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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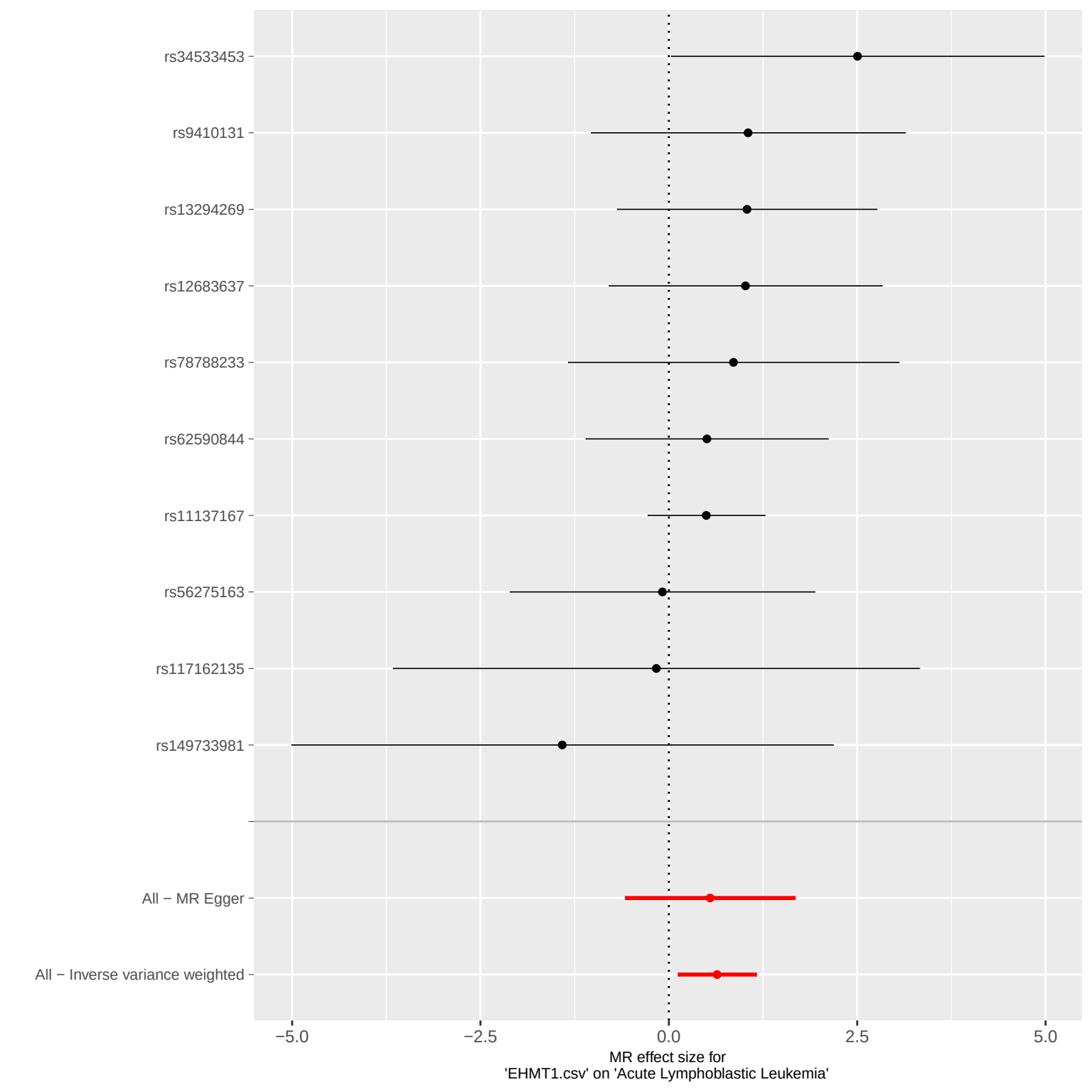
5
10
MR effect size for
'EHHADH.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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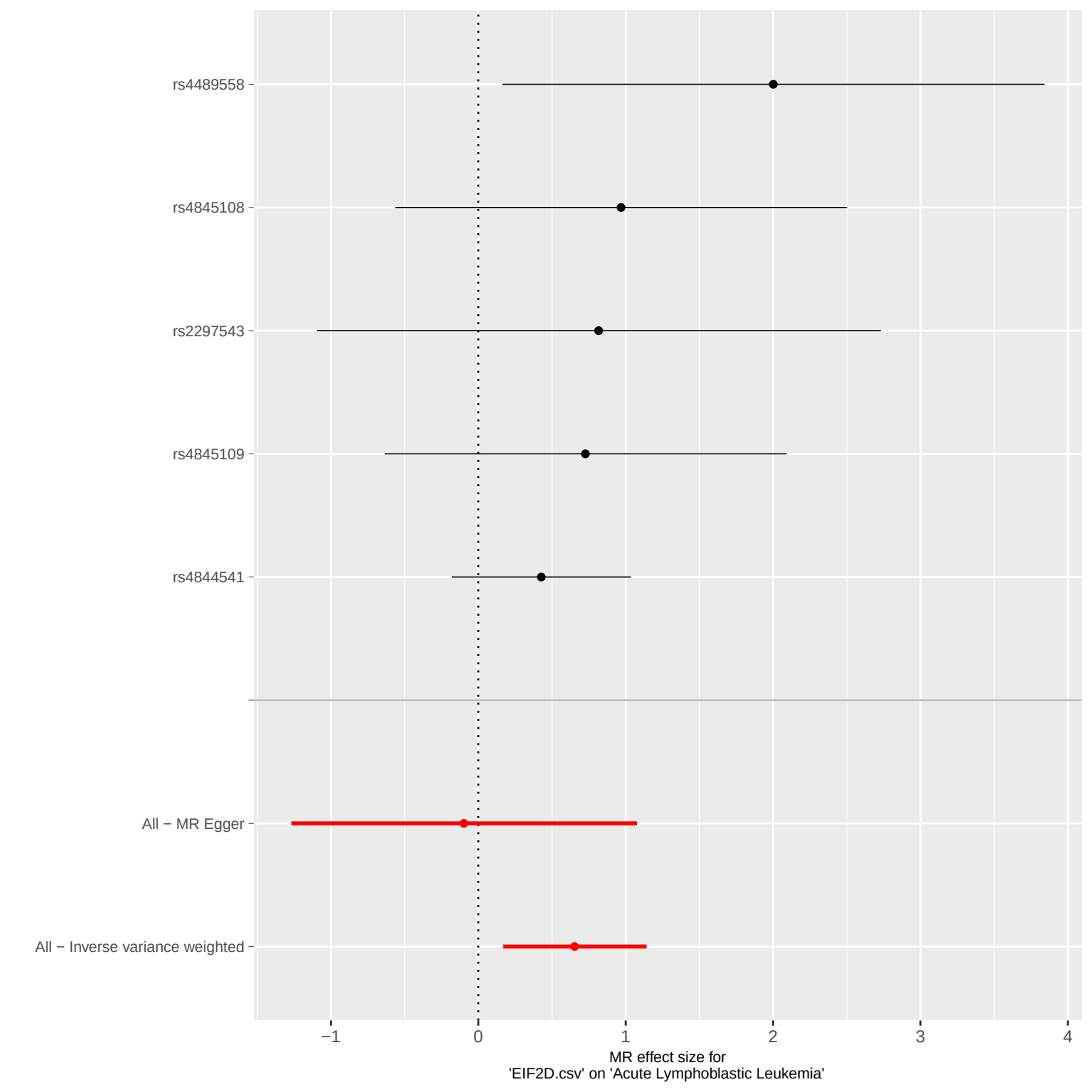
2.5
5.0
MR effect size for
'EHMT1.csv' on 'Acute Lymphoblastic Leukemia'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rs2297543
rs4845109
rs4844541
All − MR Egger
All − Inverse variance weighted
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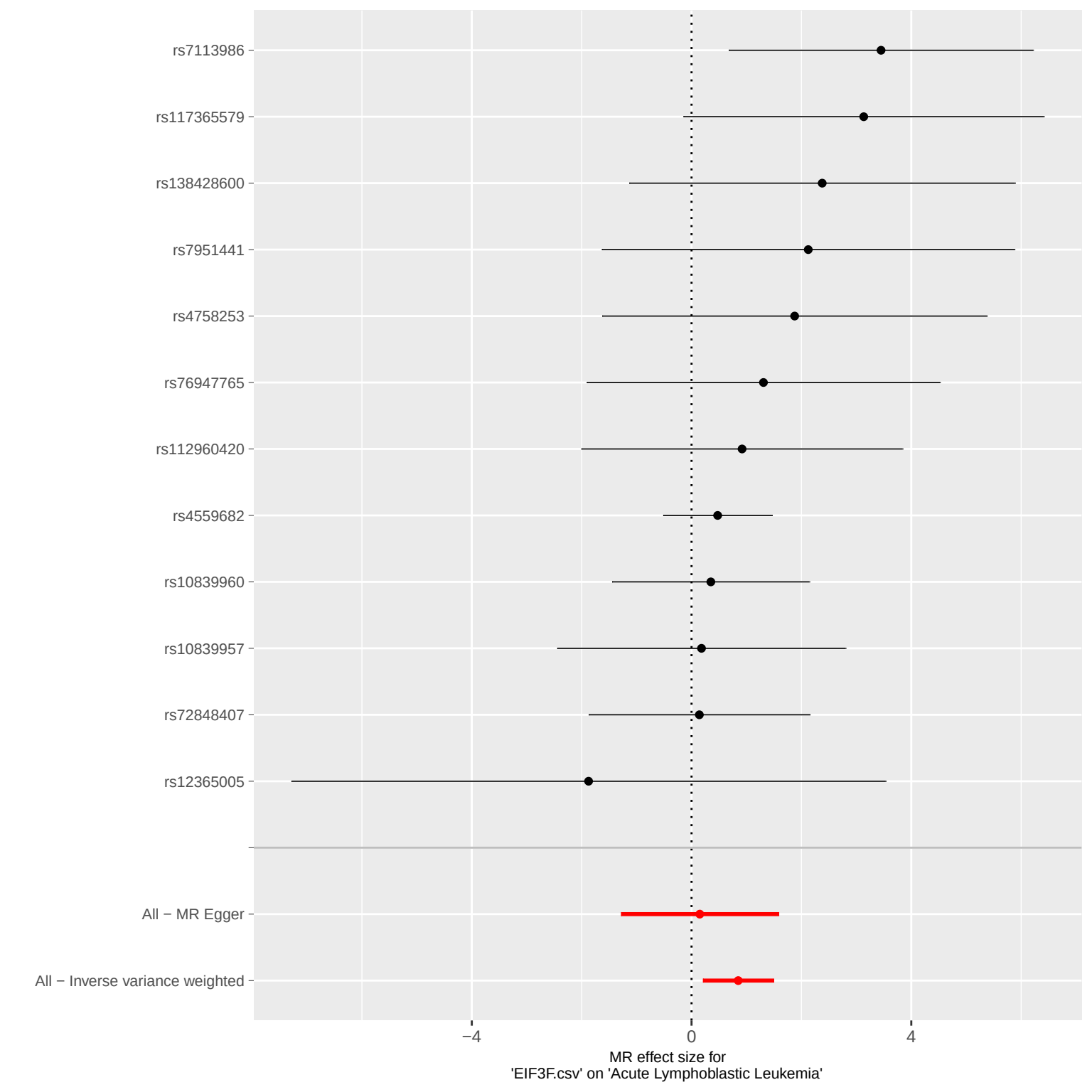
0
1
2
3
4
MR effect size for
'EIF2D.csv' on 'Acute Lymphoblastic Leukemia'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rs72848407
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All − MR Egger
All − Inverse variance weighted
−4
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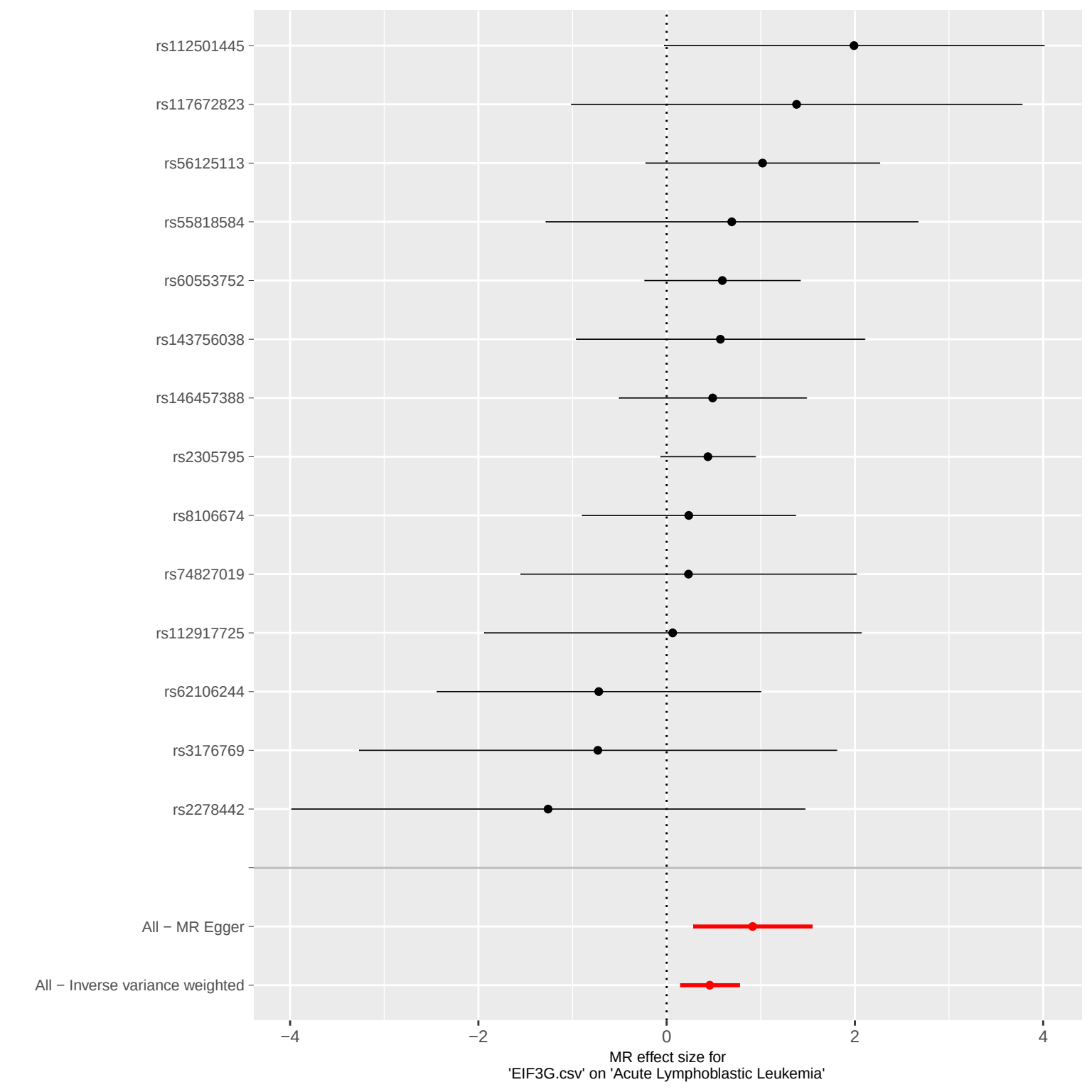
4
MR effect size for
'EIF3F.csv' on 'Acute Lymphoblastic Leukemia'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rs3176769
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All − Inverse variance weighted
−4
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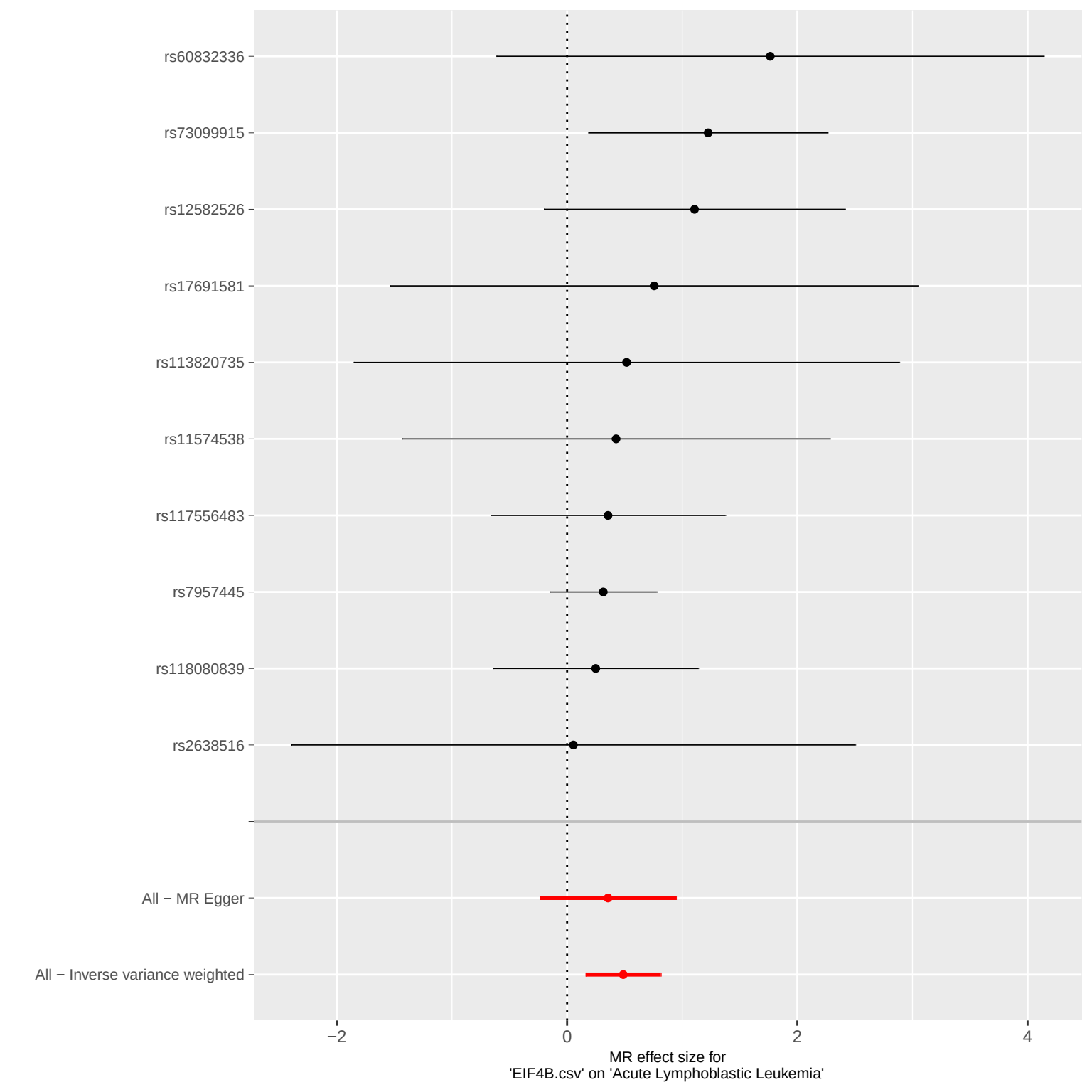
2
4
MR effect size for
'EIF3G.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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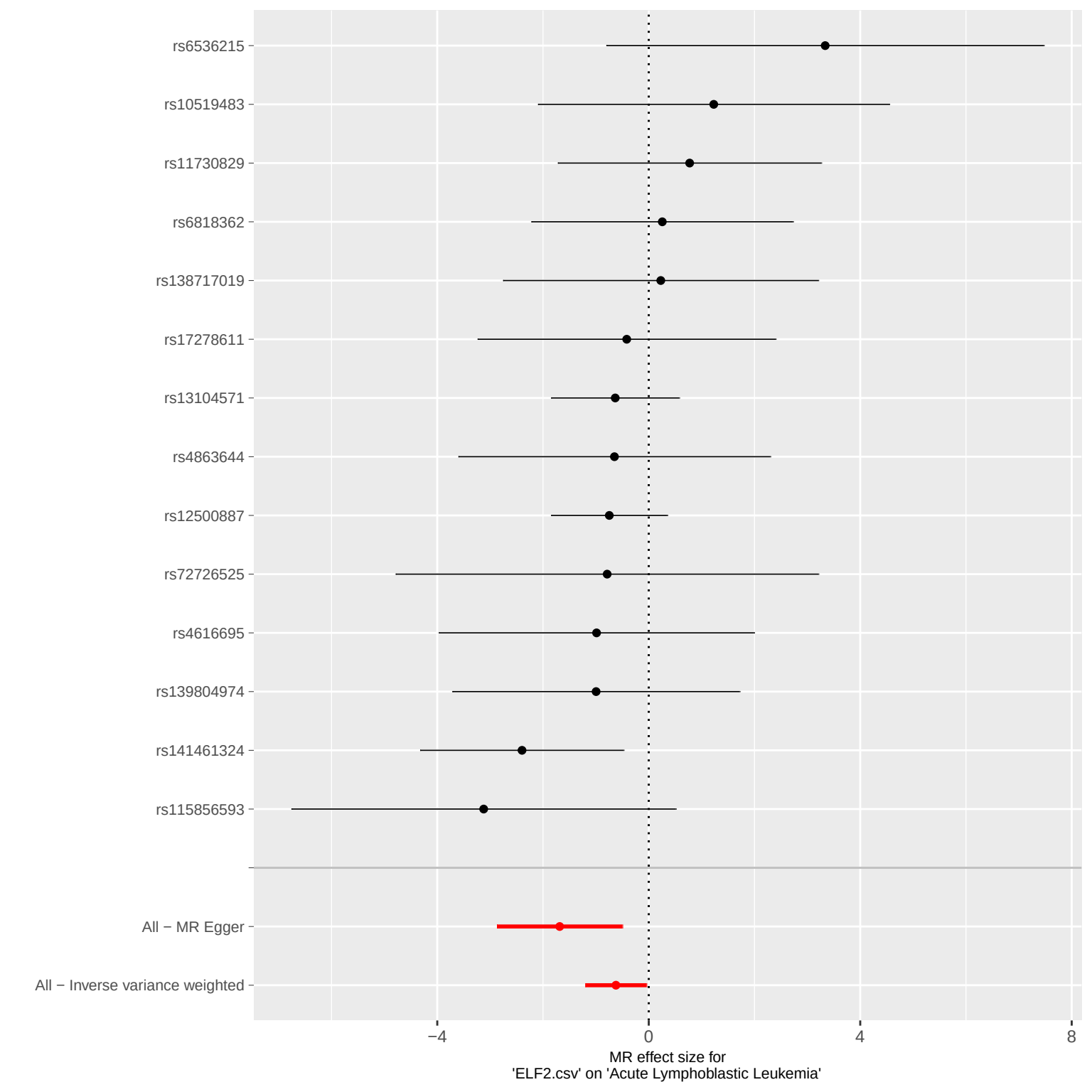
2
4
MR effect size for
'EIF4B.csv' on 'Acute Lymphoblastic Leukemia'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rs4616695
rs139804974
rs141461324
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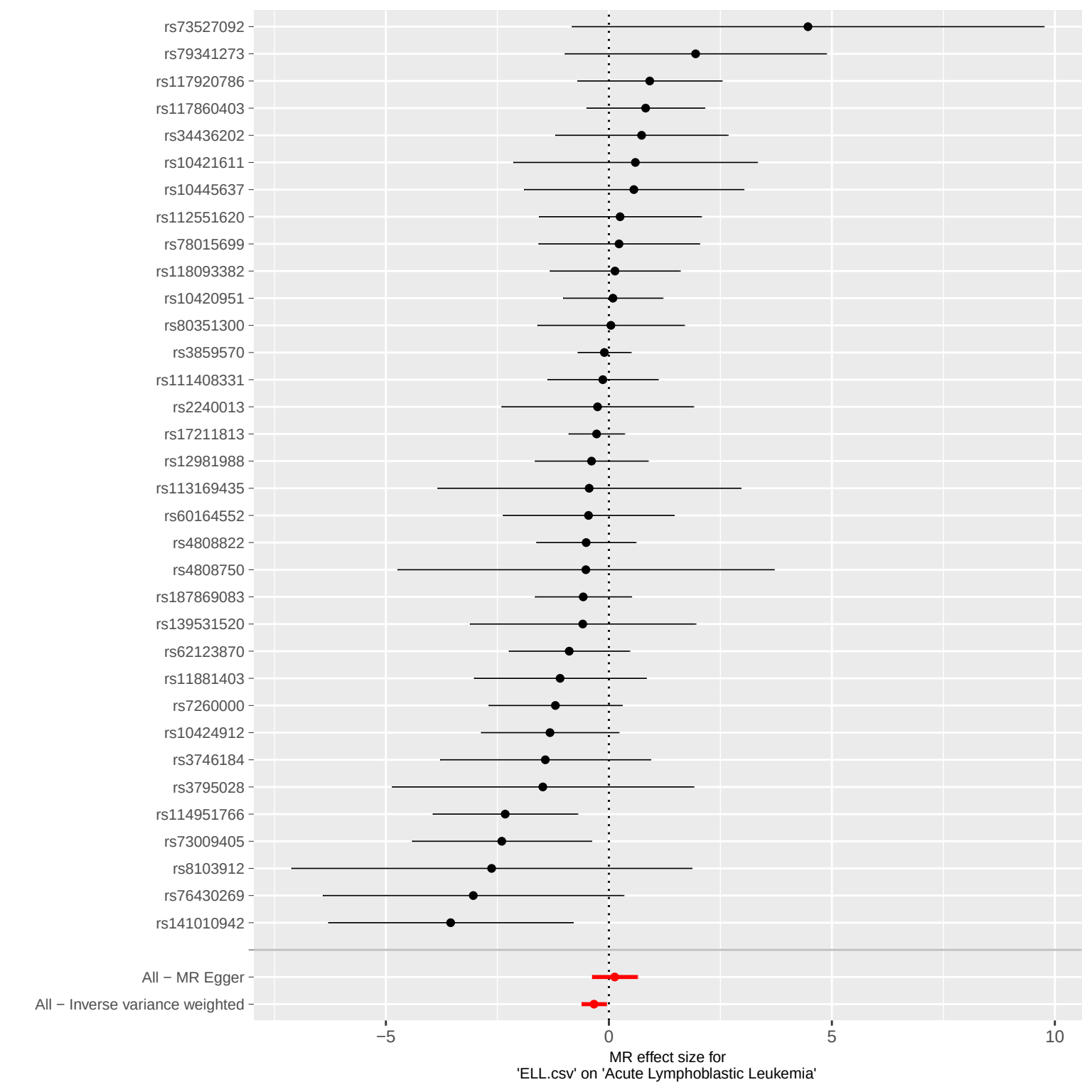
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ELF2.csv' on 'Acute Lymphoblastic Leukemia'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rs7260000
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rs73009405
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All − MR Egger
All − Inverse variance weighted
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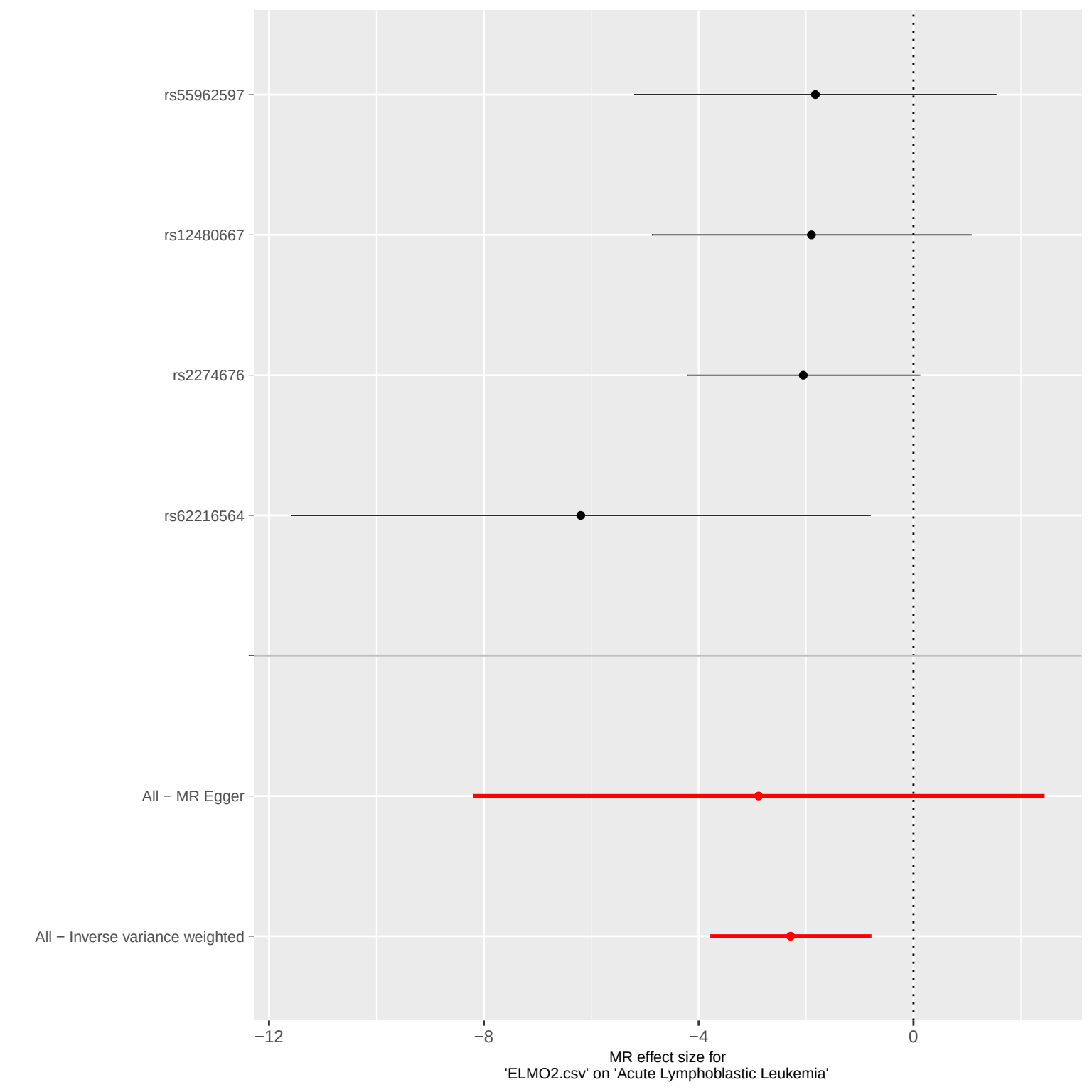
5
10
MR effect size for
'ELL.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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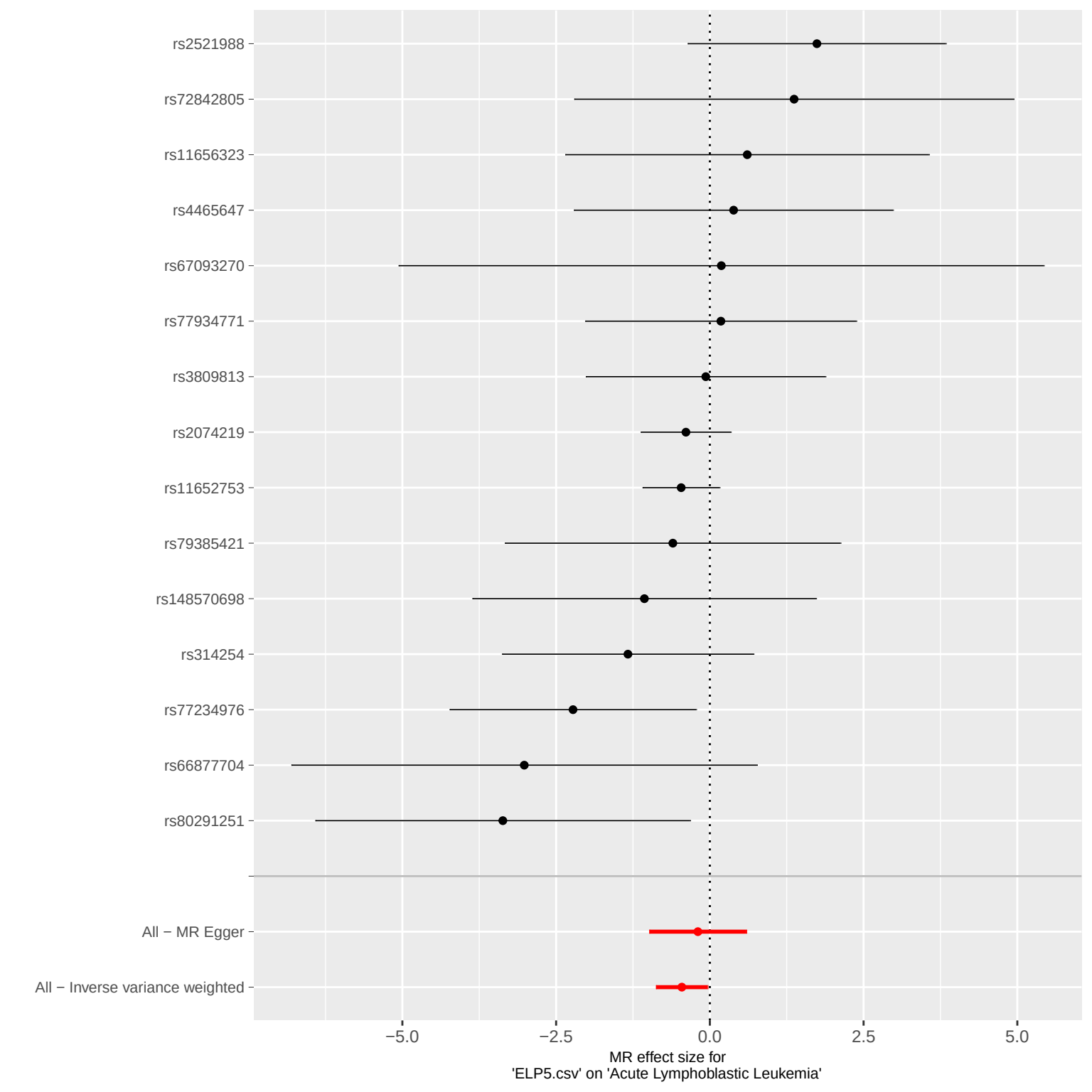
MR effect size for
'ELMO2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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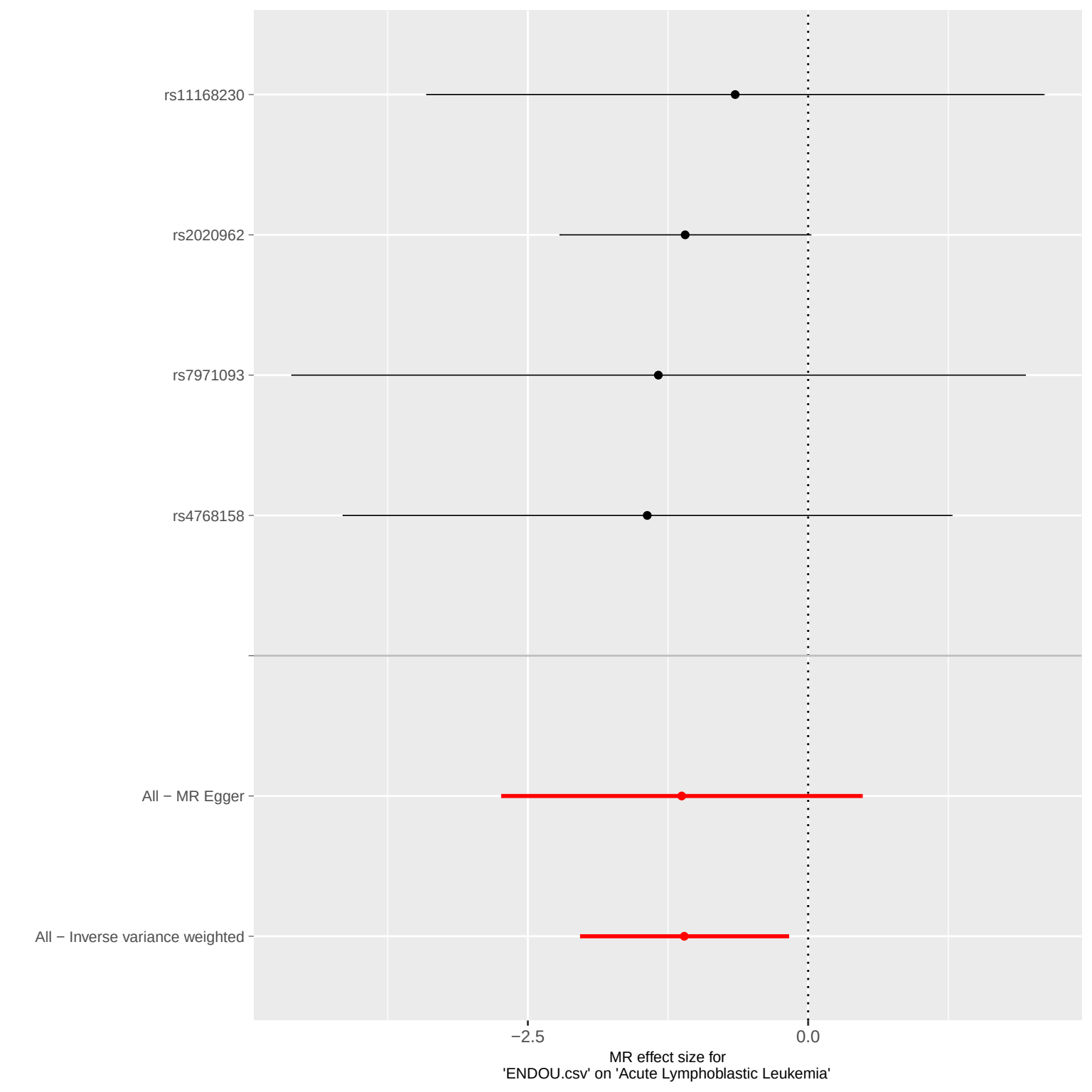
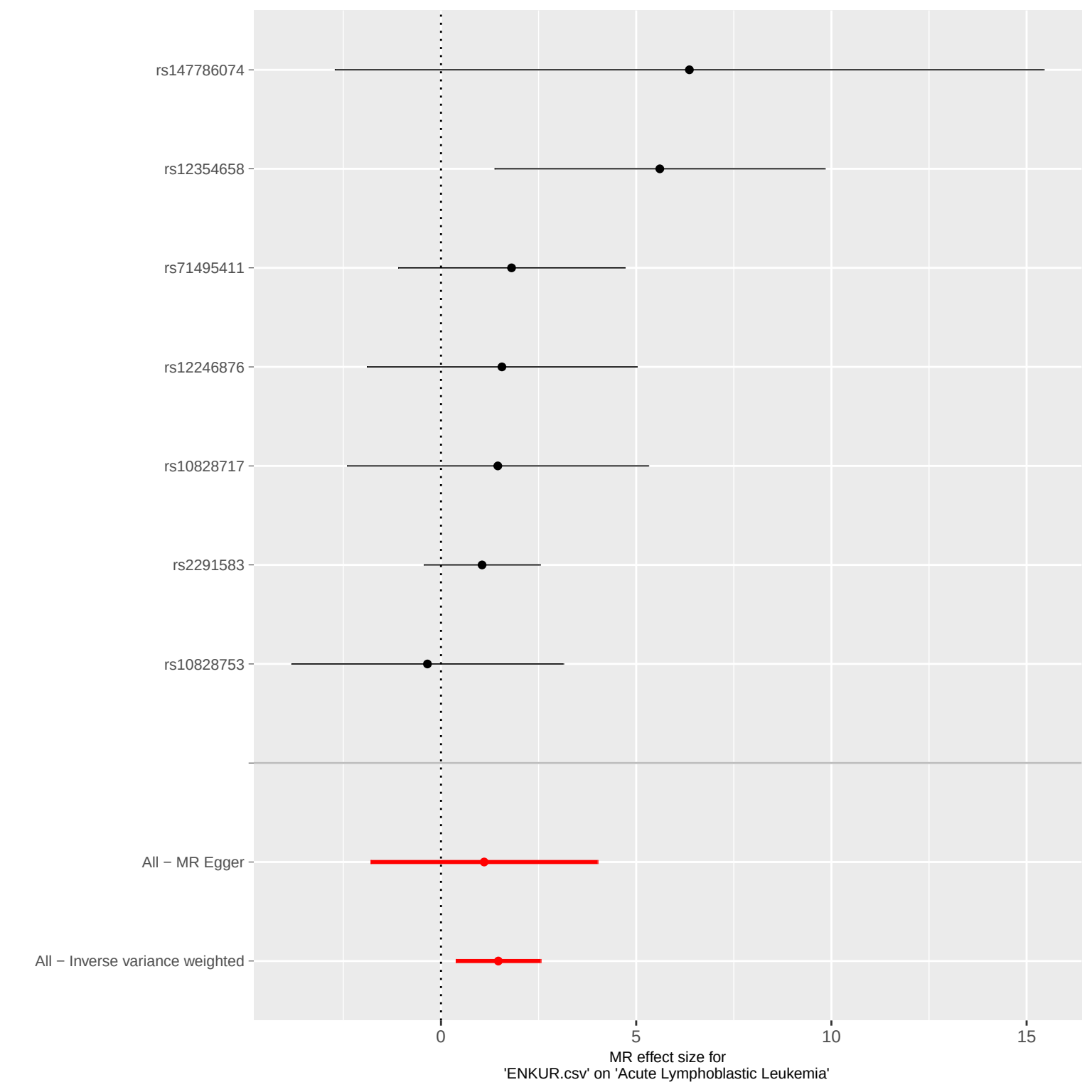
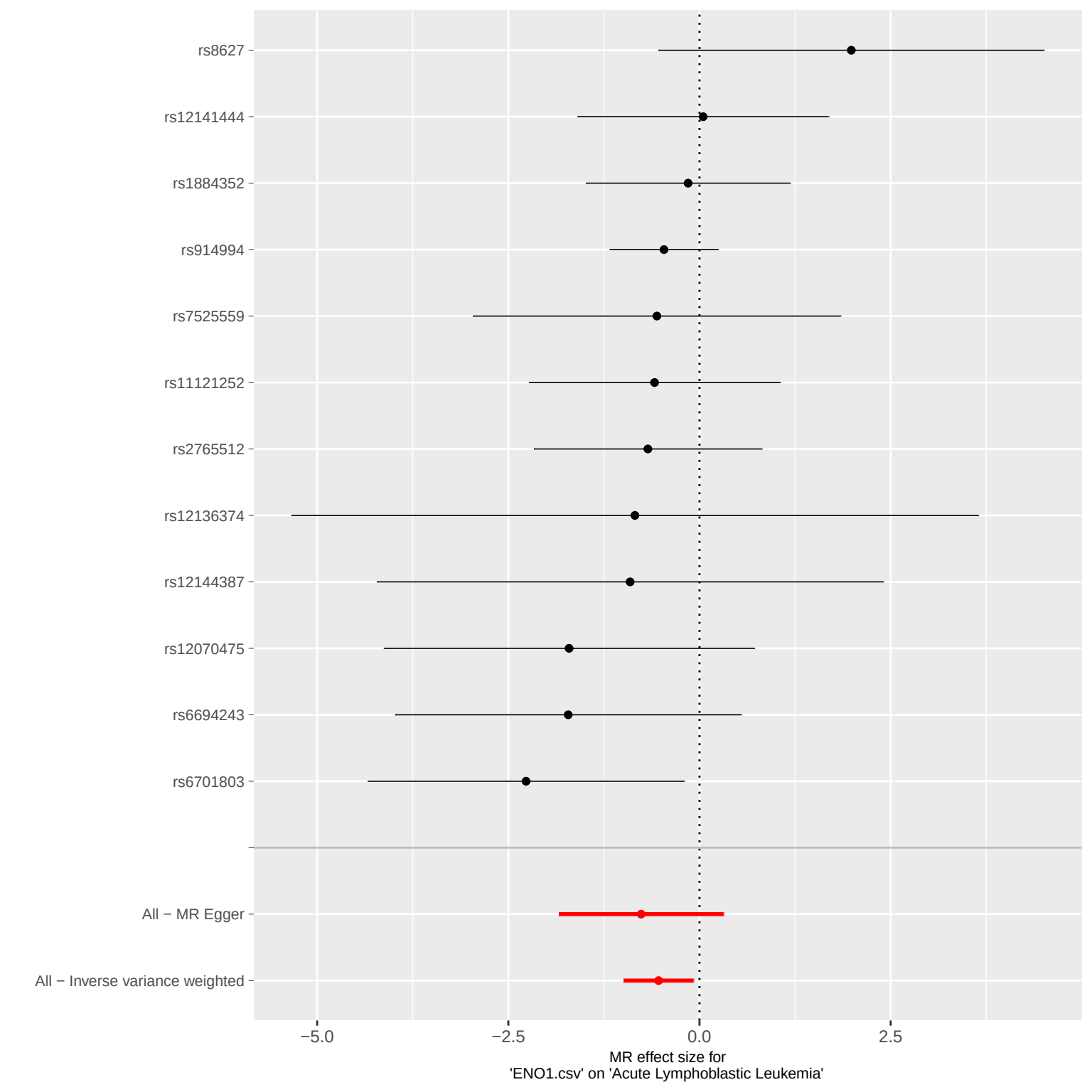
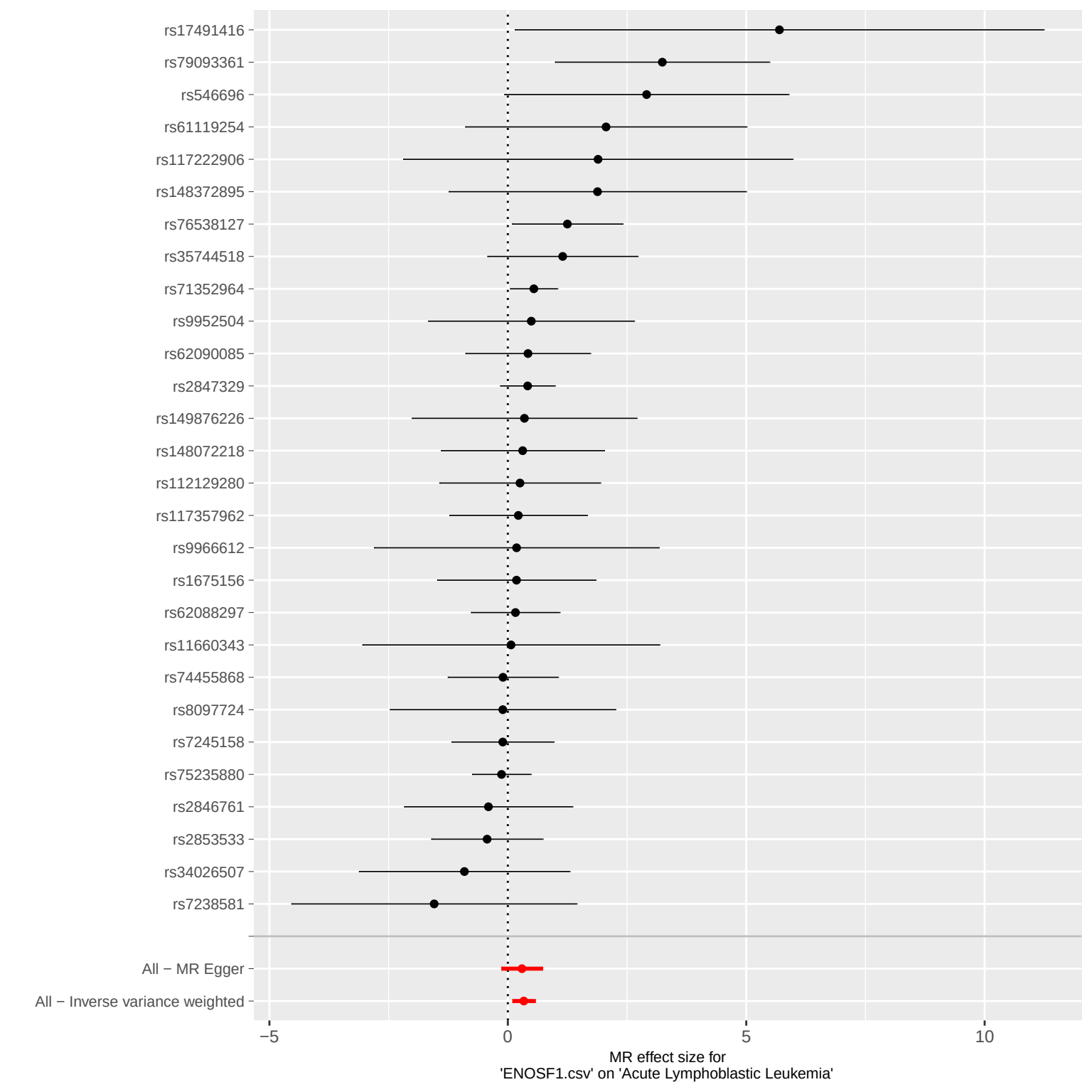
−2.5
0.0
2.5
5.0
MR effect size for
'ELP5.csv' on 'Acute Lymphoblastic Leukemia'


rs11168230
rs2020962
rs7971093
rs4768158
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
MR effect size for
'ENDOU.csv' on 'Acute Lymphoblastic Leukemia'


rs147786074
rs12354658
rs71495411
rs12246876
rs10828717
rs2291583
rs10828753
All − MR Egger
All − Inverse variance weighted
0
5
10
15
MR effect size for
'ENKUR.csv' on 'Acute Lymphoblastic Leukemia'


rs8627
rs12141444
rs1884352
rs914994
rs7525559
rs11121252
rs2765512
rs12136374
rs12144387
rs12070475
rs6694243
rs6701803
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ENO1.csv' on 'Acute Lymphoblastic Leukemia'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rs117222906
rs148372895
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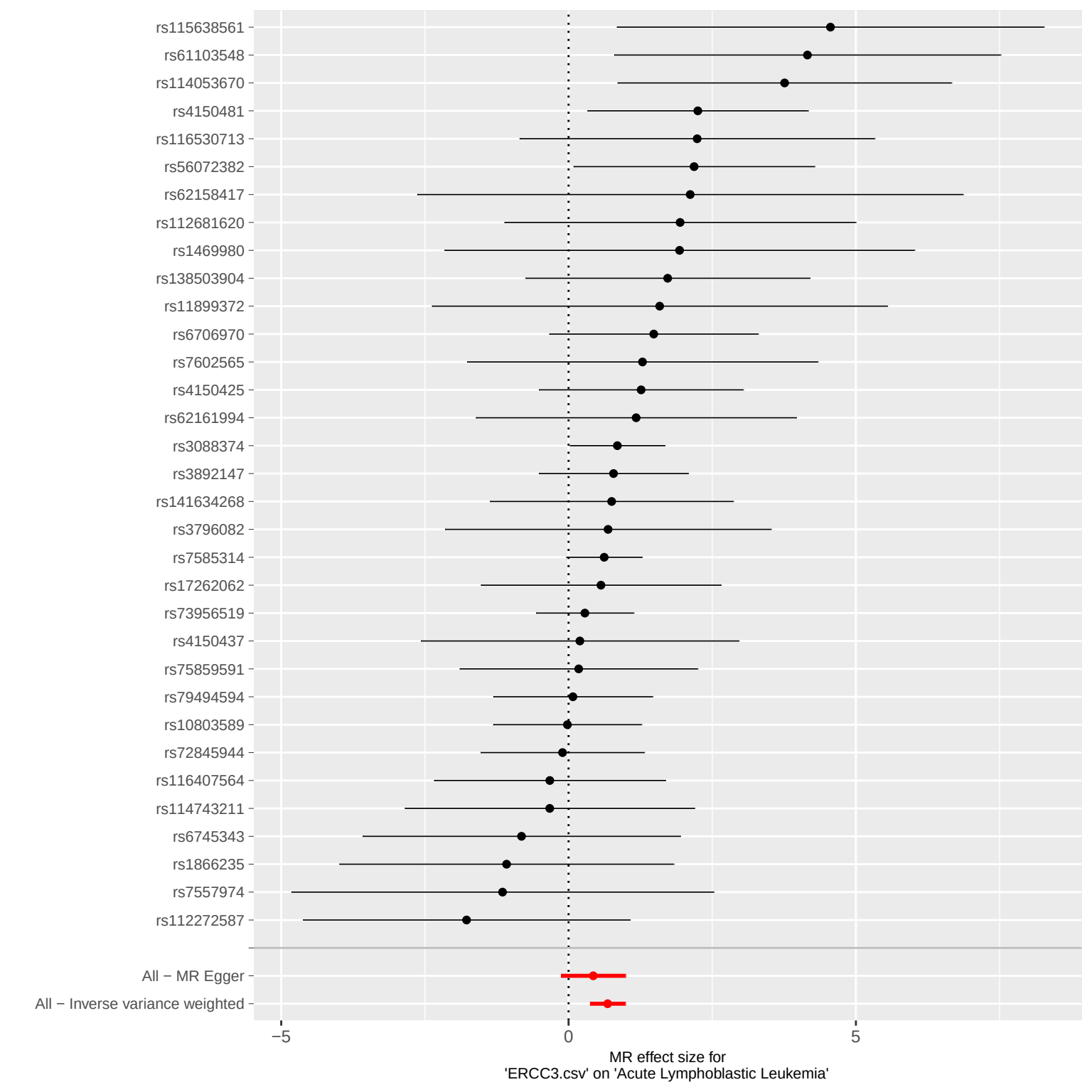
rs9952504
rs62090085
rs2847329
rs149876226
rs148072218
rs112129280
rs117357962
rs9966612
rs1675156
rs62088297
rs11660343
rs74455868
rs8097724
rs7245158
rs75235880
rs2846761
rs2853533
rs34026507
rs7238581
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ENOSF1.csv' on 'Acute Lymphoblastic Leukemia'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rs4150481
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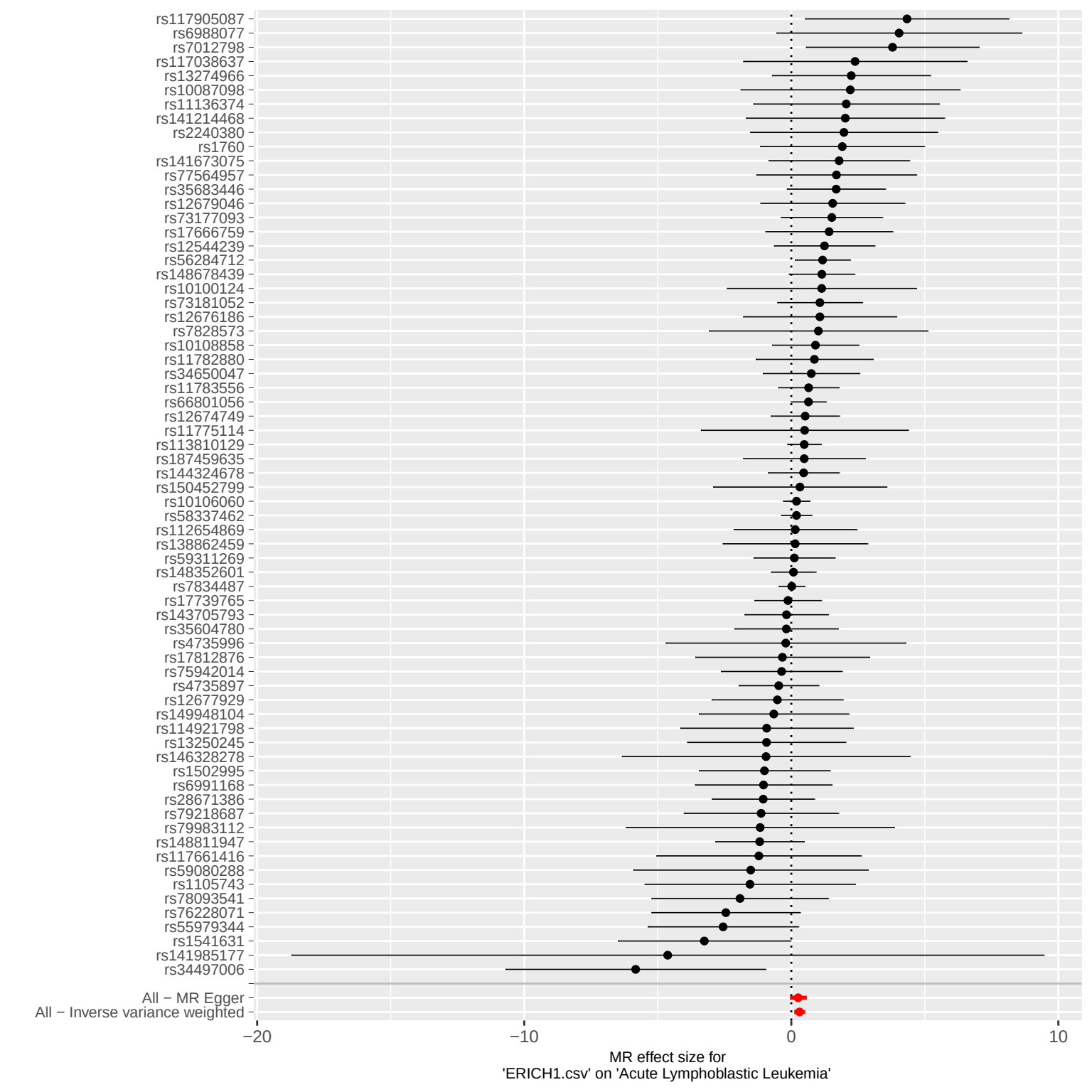
rs56072382
rs62158417
rs112681620
rs1469980
rs138503904
rs11899372
rs6706970
rs7602565
rs4150425
rs62161994
rs3088374
rs3892147
rs141634268
rs3796082
rs7585314
rs17262062
rs73956519
rs4150437
rs75859591
rs79494594
rs10803589
rs72845944
rs116407564
rs114743211
rs6745343
rs1866235
rs7557974
rs112272587
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ERCC3.csv' on 'Acute Lymphoblastic Leukemia'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rs141673075
rs77564957
rs35683446
rs12679046
rs73177093
rs17666759
rs12544239
rs56284712
rs148678439
rs10100124
rs73181052
rs12676186
rs7828573
rs10108858
rs11782880
rs34650047
rs11783556
rs66801056
rs12674749
rs11775114
rs113810129
rs187459635
rs144324678
rs150452799
rs10106060
rs58337462
rs112654869
rs138862459
rs59311269
rs148352601
rs7834487
rs17739765
rs143705793
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rs4735996
rs17812876
rs75942014
rs4735897
rs12677929
rs149948104
rs114921798
rs13250245
rs146328278
rs1502995
rs6991168
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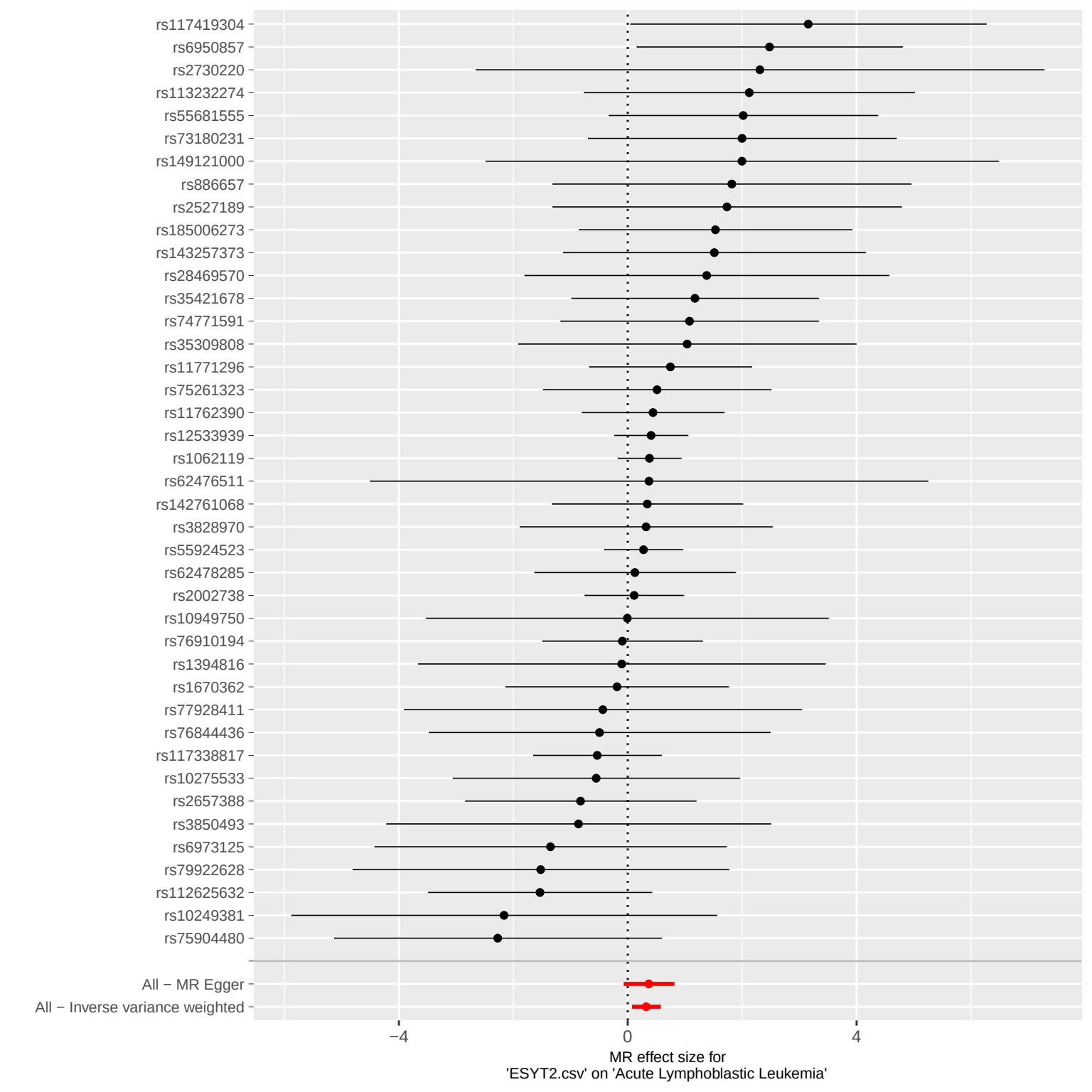
rs79218687
rs79983112
rs148811947
rs117661416
rs59080288
rs1105743
rs78093541
rs76228071
rs55979344
rs1541631
rs141985177
rs34497006
All − MR Egger
All − Inverse variance weighted
−20
−10
0
10
MR effect size for
'ERICH1.csv' on 'Acute Lymphoblastic Leukemia'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rs55681555
rs73180231
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rs886657
rs2527189
rs185006273
rs143257373
rs28469570
rs35421678
rs74771591
rs35309808
rs11771296
rs75261323
rs11762390
rs12533939
rs1062119
rs62476511
rs142761068
rs3828970
rs55924523
rs62478285
rs2002738
rs10949750
rs76910194
rs1394816
rs1670362
rs77928411
rs76844436
rs117338817
rs10275533
rs2657388
rs3850493
rs6973125
rs79922628
rs112625632
rs10249381
rs75904480
All − MR Egger
All − Inverse variance weighted
−4
0
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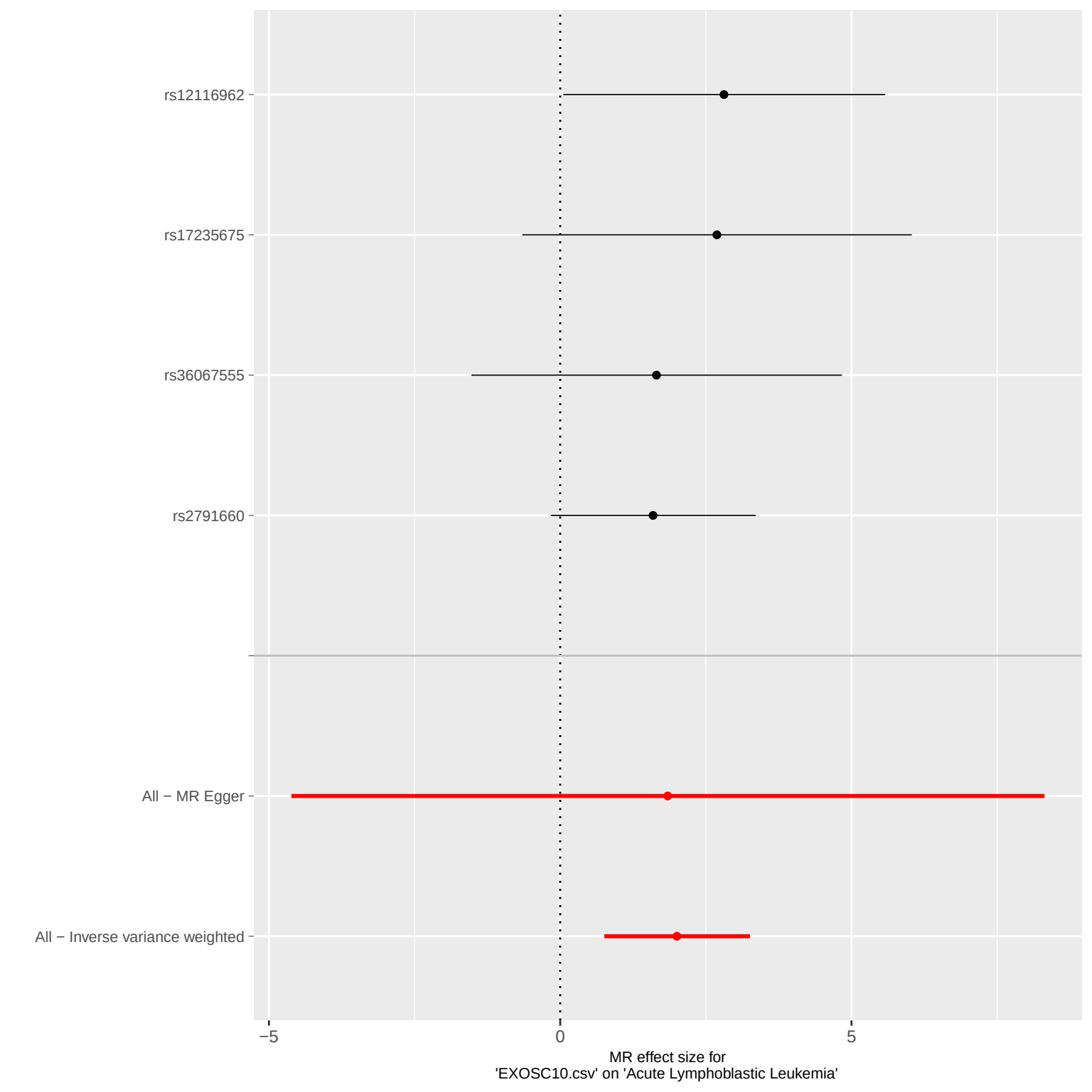
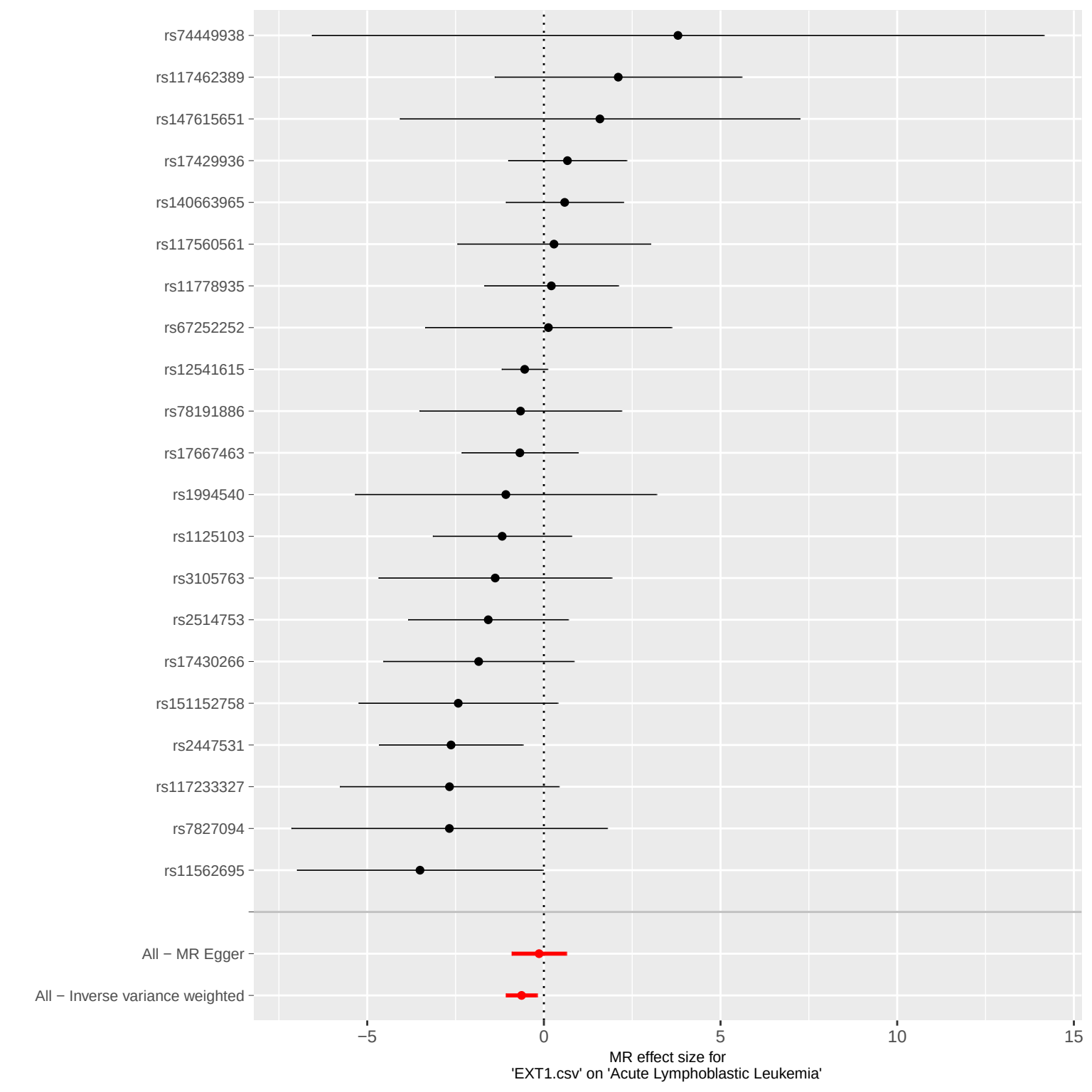
MR effect size for
'ESYT2.csv' on 'Acute Lymphoblastic Leukemia'


rs12116962
rs17235675
rs36067555
rs2791660
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'EXOSC10.csv' on 'Acute Lymphoblastic Leukemia'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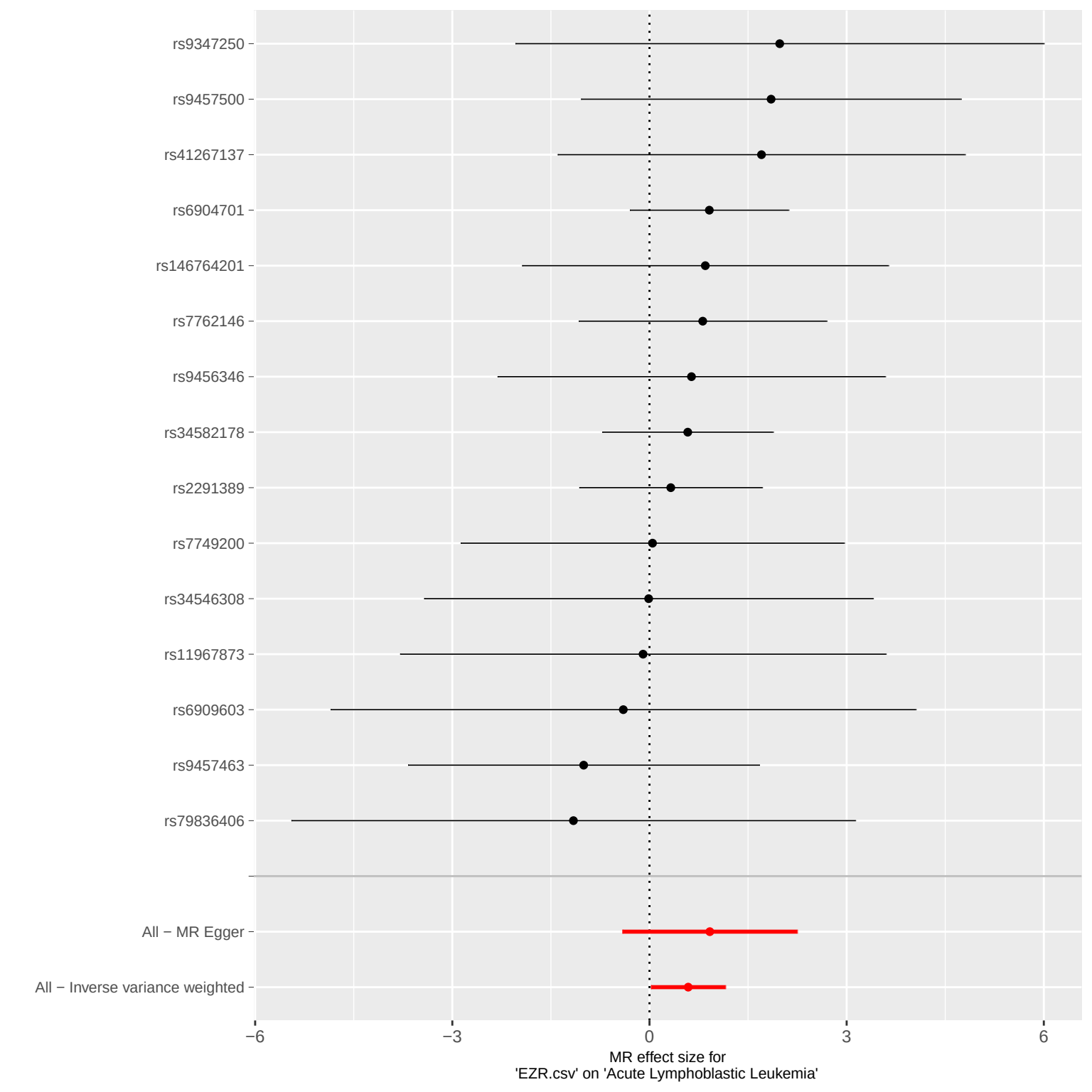
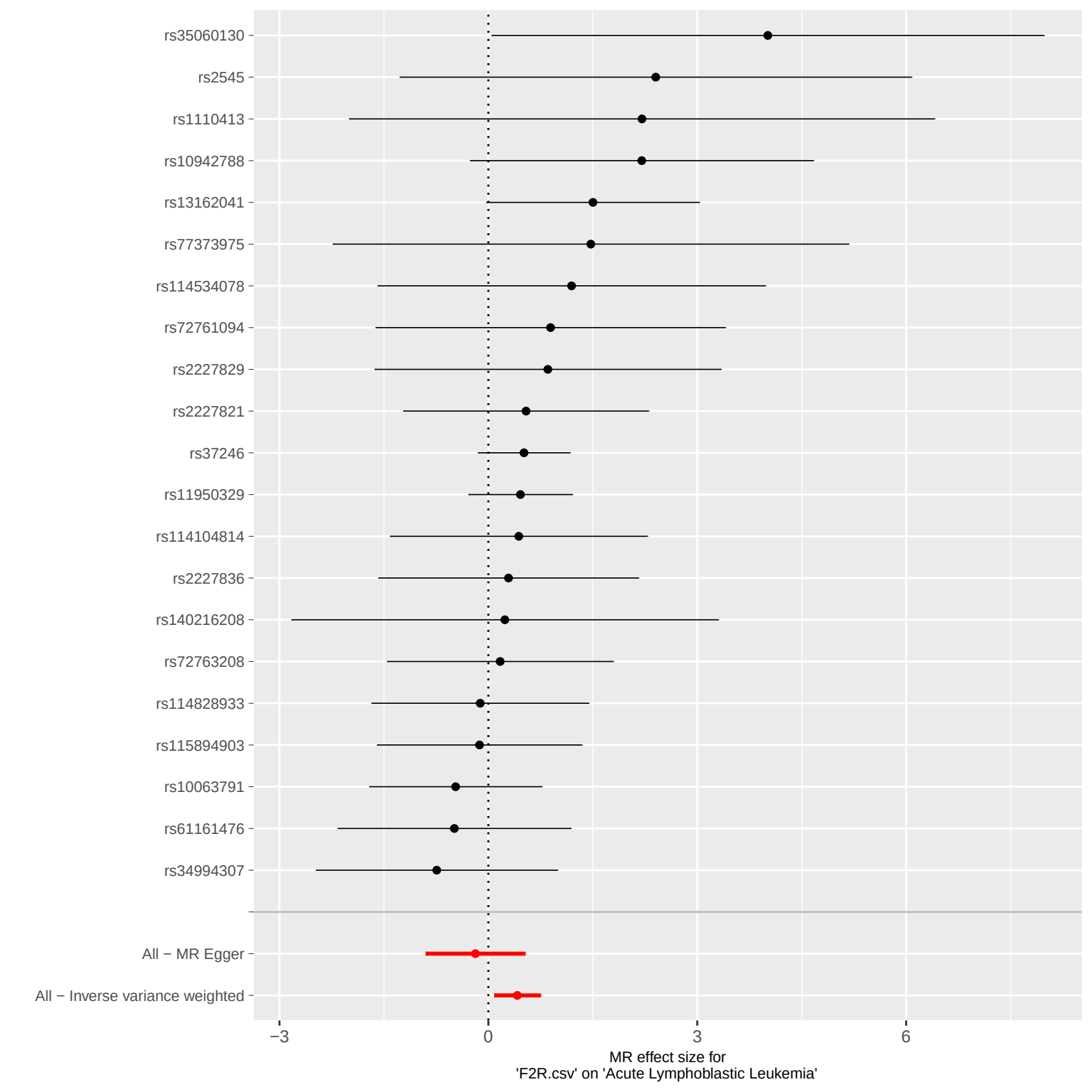
rs147615651
rs17429936
rs140663965
rs117560561
rs11778935
rs67252252
rs12541615
rs78191886
rs17667463
rs1994540
rs1125103
rs3105763
rs2514753
rs17430266
rs151152758
rs2447531
rs117233327
rs7827094
rs11562695
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'EXT1.csv' on 'Acute Lymphoblastic Leukemia'


rs9347250
rs9457500
rs41267137
rs6904701
rs146764201
rs7762146
rs9456346
rs34582178
rs2291389
rs7749200
rs34546308
rs11967873
rs6909603
rs9457463
rs79836406
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'EZR.csv' on 'Acute Lymphoblastic Leukemia'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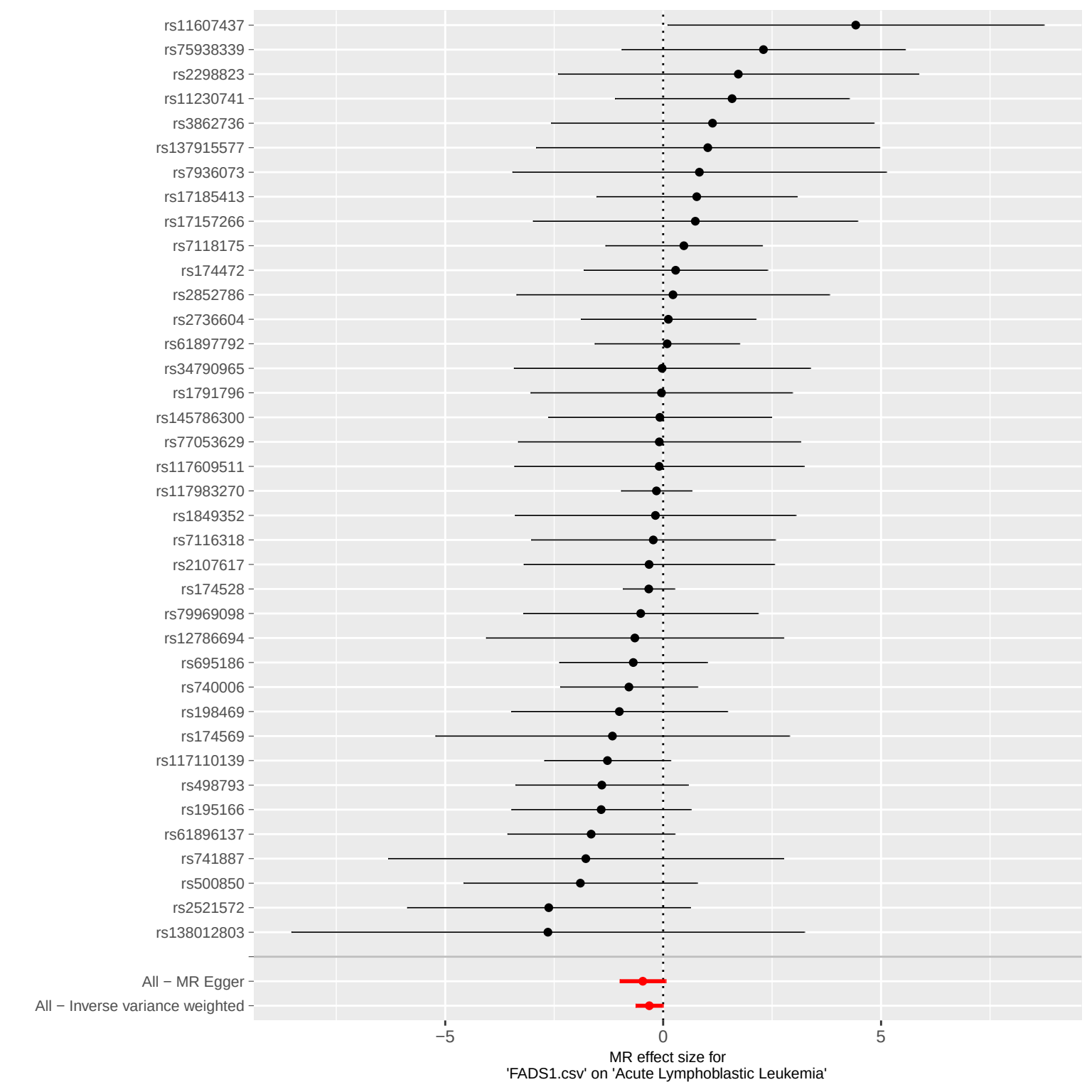
rs2545
rs1110413
rs10942788
rs13162041
rs77373975
rs114534078
rs72761094
rs2227829
rs2227821
rs37246
rs11950329
rs114104814
rs2227836
rs140216208
rs72763208
rs114828933
rs115894903
rs10063791
rs61161476
rs34994307
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'F2R.csv' on 'Acute Lymphoblastic Leukemia'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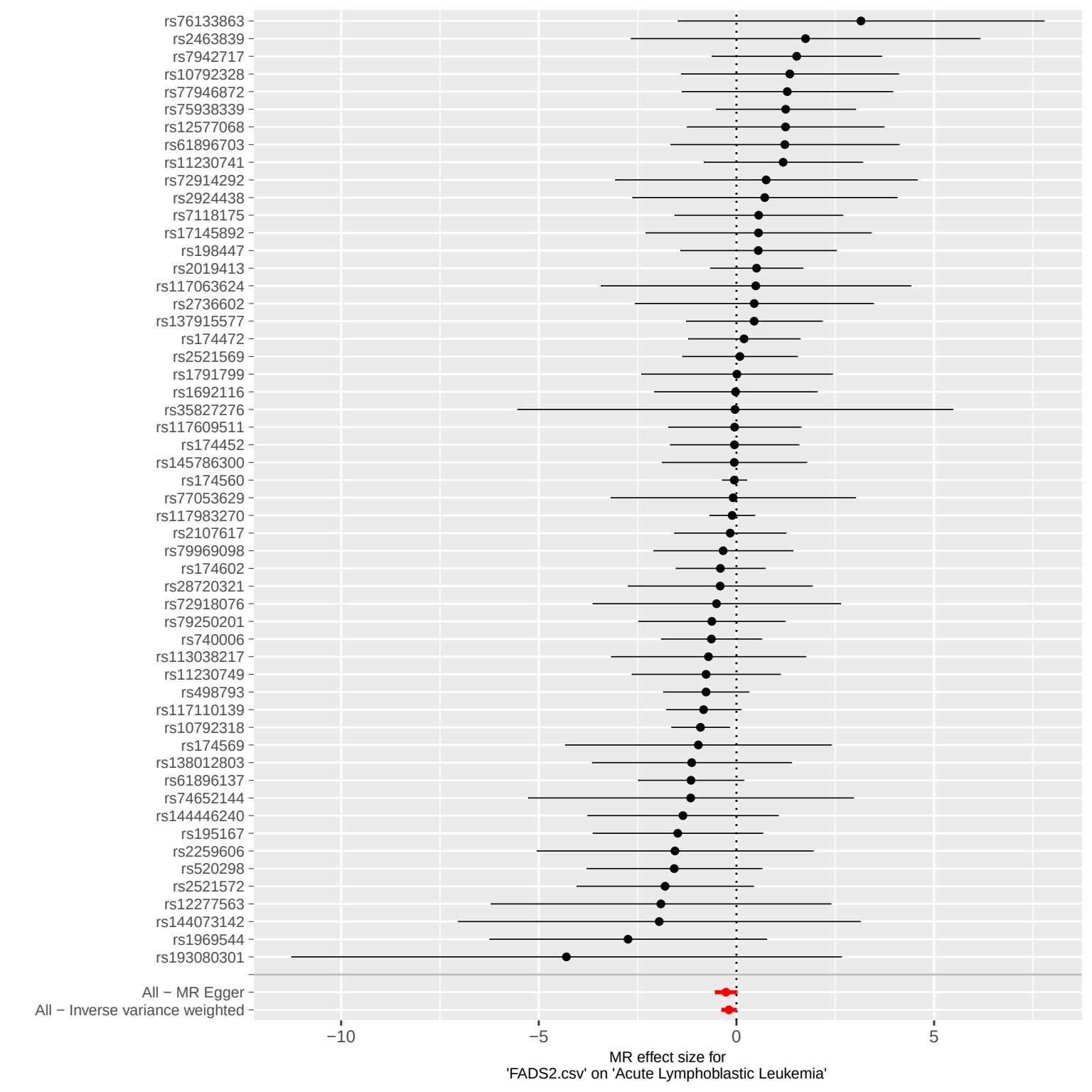
rs34790965
rs1791796
rs145786300
rs77053629
rs117609511
rs117983270
rs1849352
rs7116318
rs2107617
rs174528
rs79969098
rs12786694
rs695186
rs740006
rs198469
rs174569
rs117110139
rs498793
rs195166
rs61896137
rs741887
rs500850
rs2521572
rs138012803
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'FADS1.csv' on 'Acute Lymphoblastic Leukemia'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rs7118175
rs17145892
rs198447
rs2019413
rs117063624
rs2736602
rs137915577
rs174472
rs2521569
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rs79969098
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rs79250201
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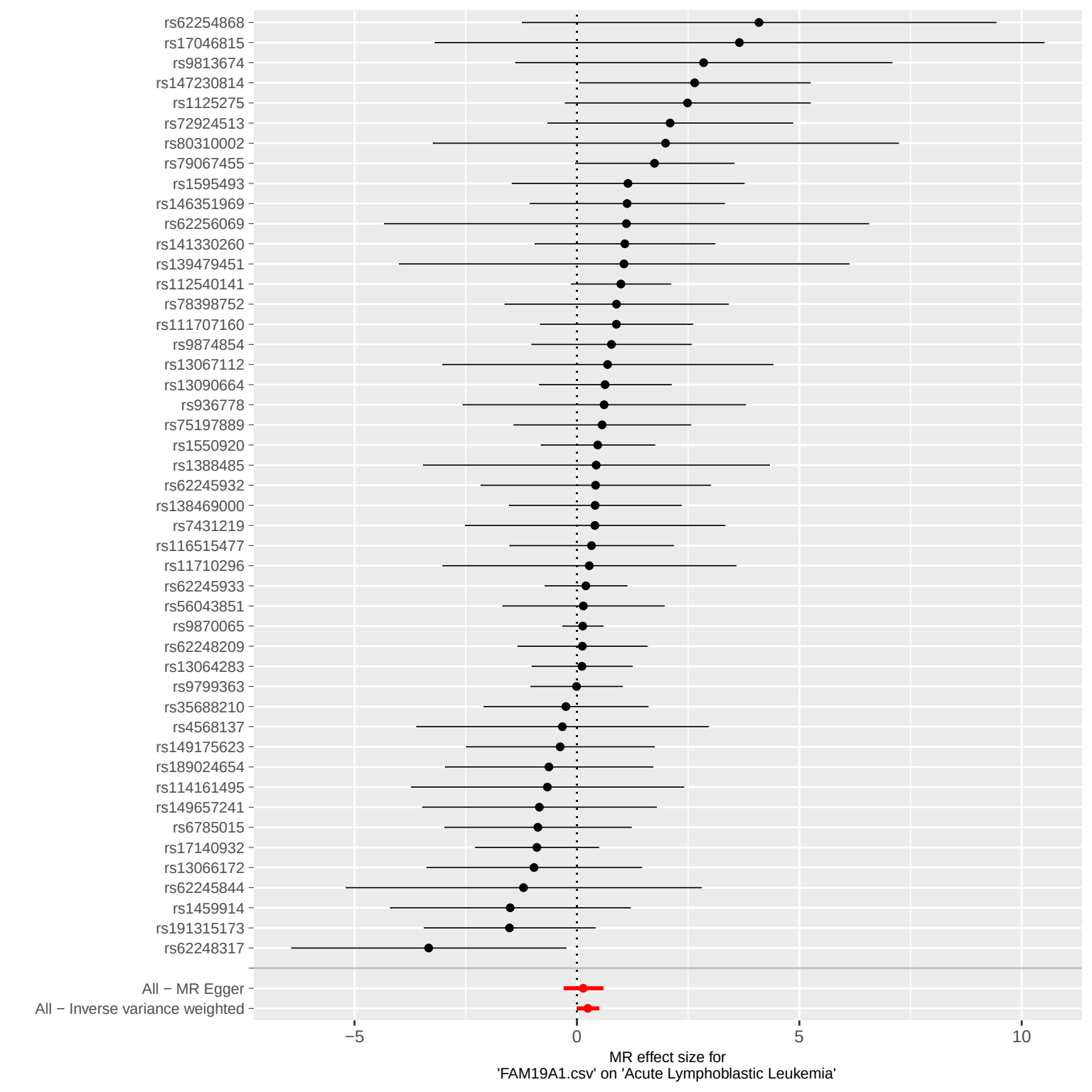
rs113038217
rs11230749
rs498793
rs117110139
rs10792318
rs174569
rs138012803
rs61896137
rs74652144
rs144446240
rs195167
rs2259606
rs520298
rs2521572
rs12277563
rs144073142
rs1969544
rs193080301
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FADS2.csv' on 'Acute Lymphoblastic Leukemia'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rs1595493
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rs139479451
rs112540141
rs78398752
rs111707160
rs9874854
rs13067112
rs13090664
rs936778
rs75197889
rs1550920
rs1388485
rs62245932
rs138469000
rs7431219
rs116515477
rs11710296
rs62245933
rs56043851
rs9870065
rs62248209
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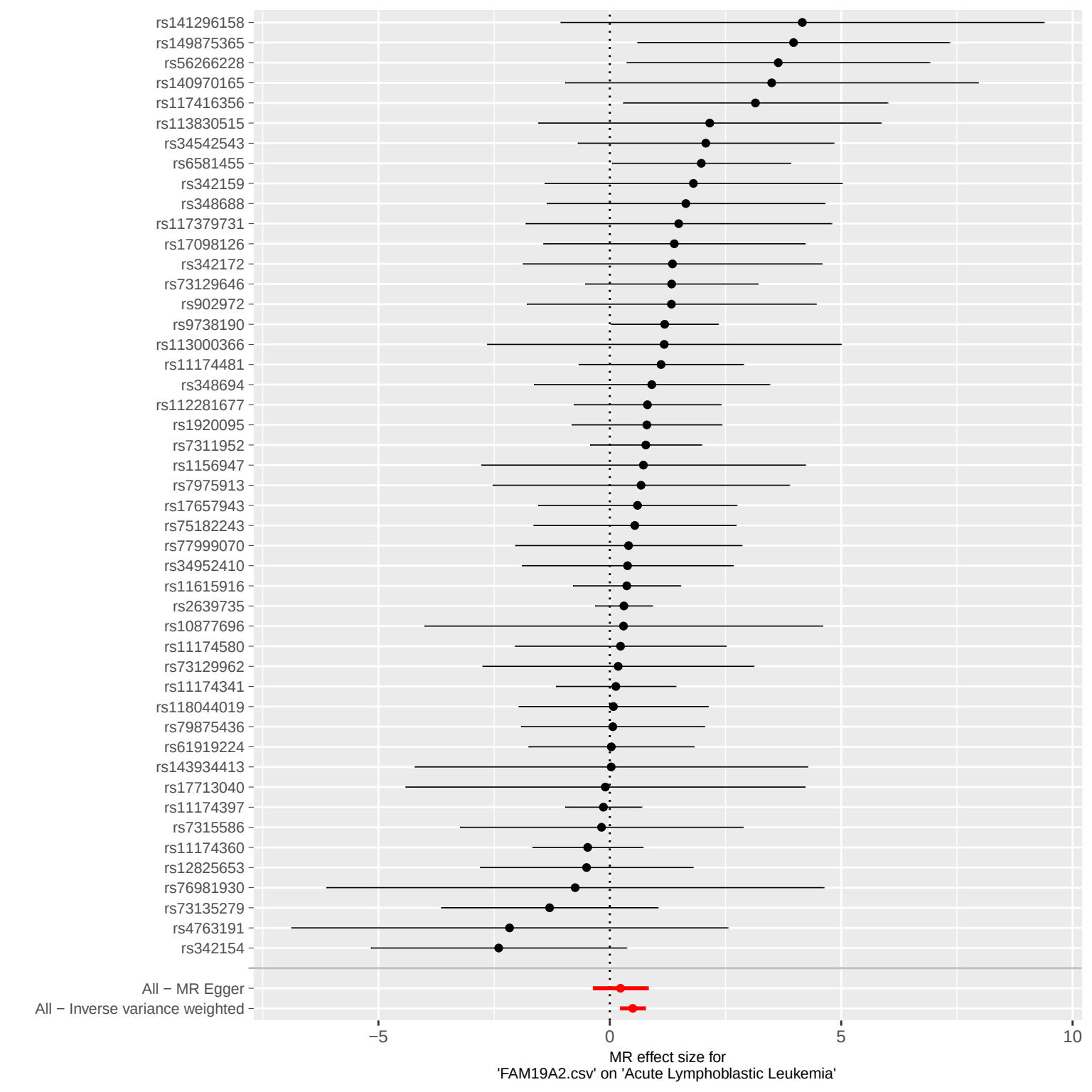
rs9799363
rs35688210
rs4568137
rs149175623
rs189024654
rs114161495
rs149657241
rs6785015
rs17140932
rs13066172
rs62245844
rs1459914
rs191315173
rs62248317
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'FAM19A1.csv' on 'Acute Lymphoblastic Leukemia'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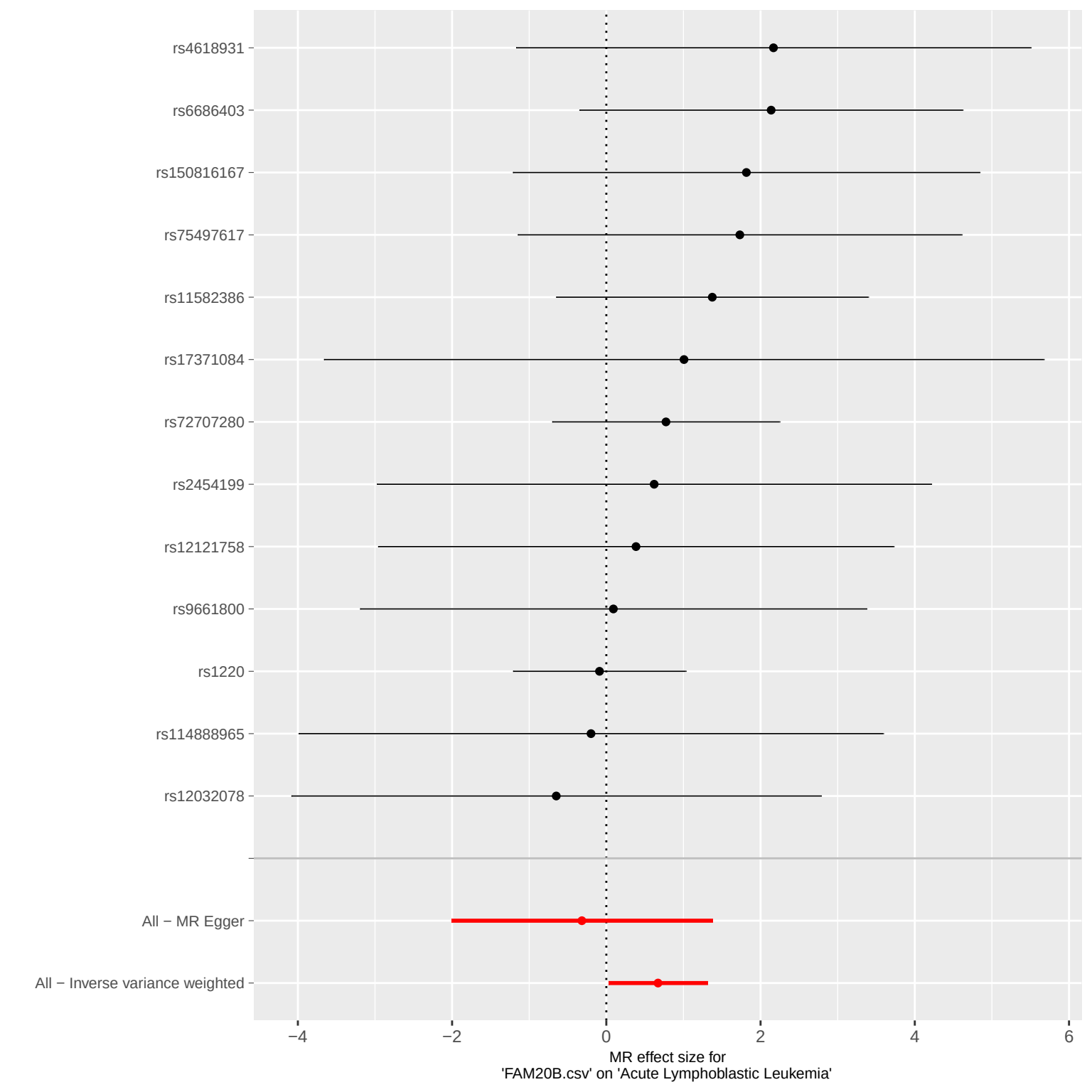
rs9738190
rs113000366
rs11174481
rs348694
rs112281677
rs1920095
rs7311952
rs1156947
rs7975913
rs17657943
rs75182243
rs77999070
rs34952410
rs11615916
rs2639735
rs10877696
rs11174580
rs73129962
rs11174341
rs118044019
rs79875436
rs61919224
rs143934413
rs17713040
rs11174397
rs7315586
rs11174360
rs12825653
rs76981930
rs73135279
rs4763191
rs342154
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'FAM19A2.csv' on 'Acute Lymphoblastic Leukemia'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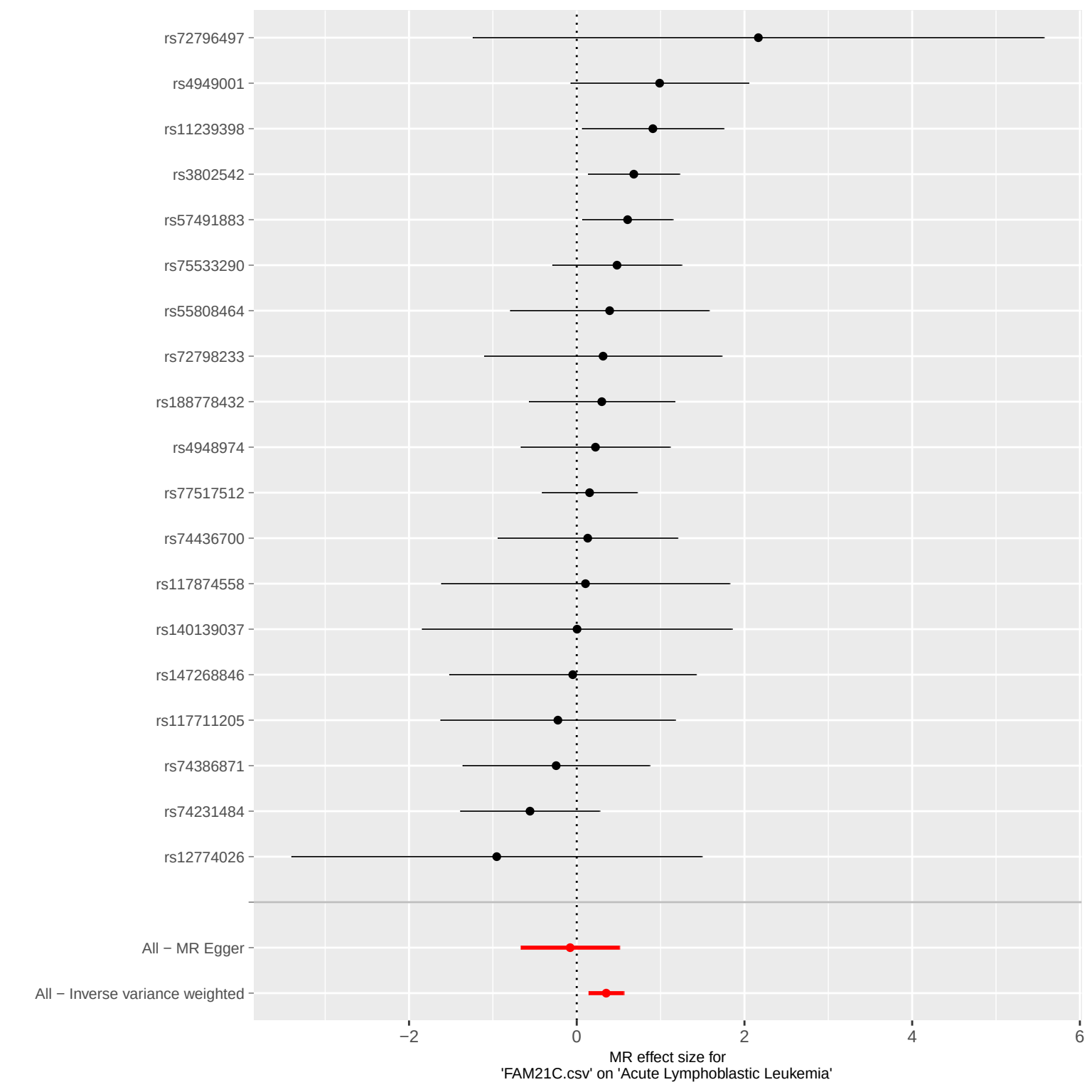
rs75497617
rs11582386
rs17371084
rs72707280
rs2454199
rs12121758
rs9661800
rs1220
rs114888965
rs12032078
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'FAM20B.csv' on 'Acute Lymphoblastic Leukemia'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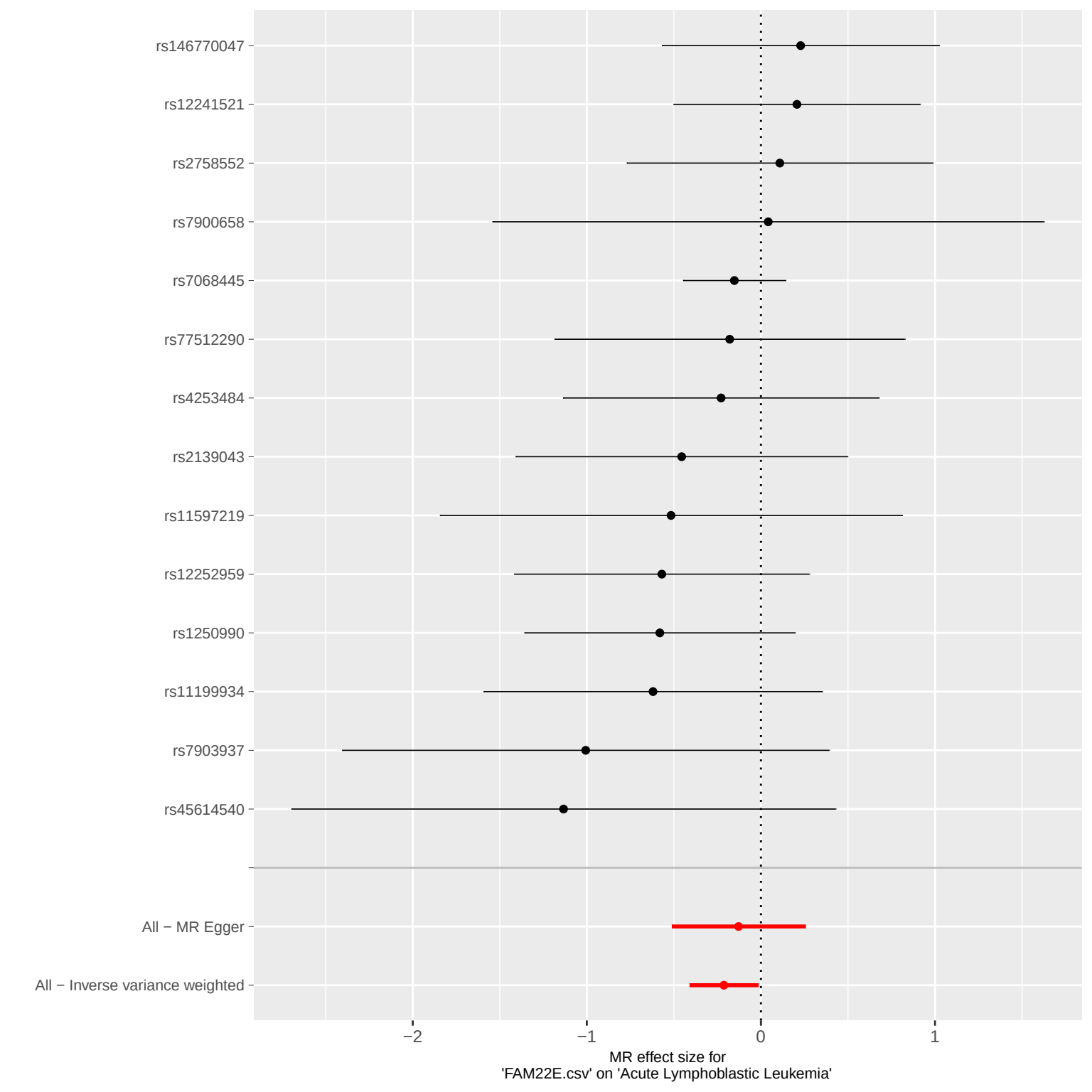
rs72798233
rs188778432
rs4948974
rs77517512
rs74436700
rs117874558
rs140139037
rs147268846
rs117711205
rs74386871
rs74231484
rs12774026
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'FAM21C.csv' on 'Acute Lymphoblastic Leukemia'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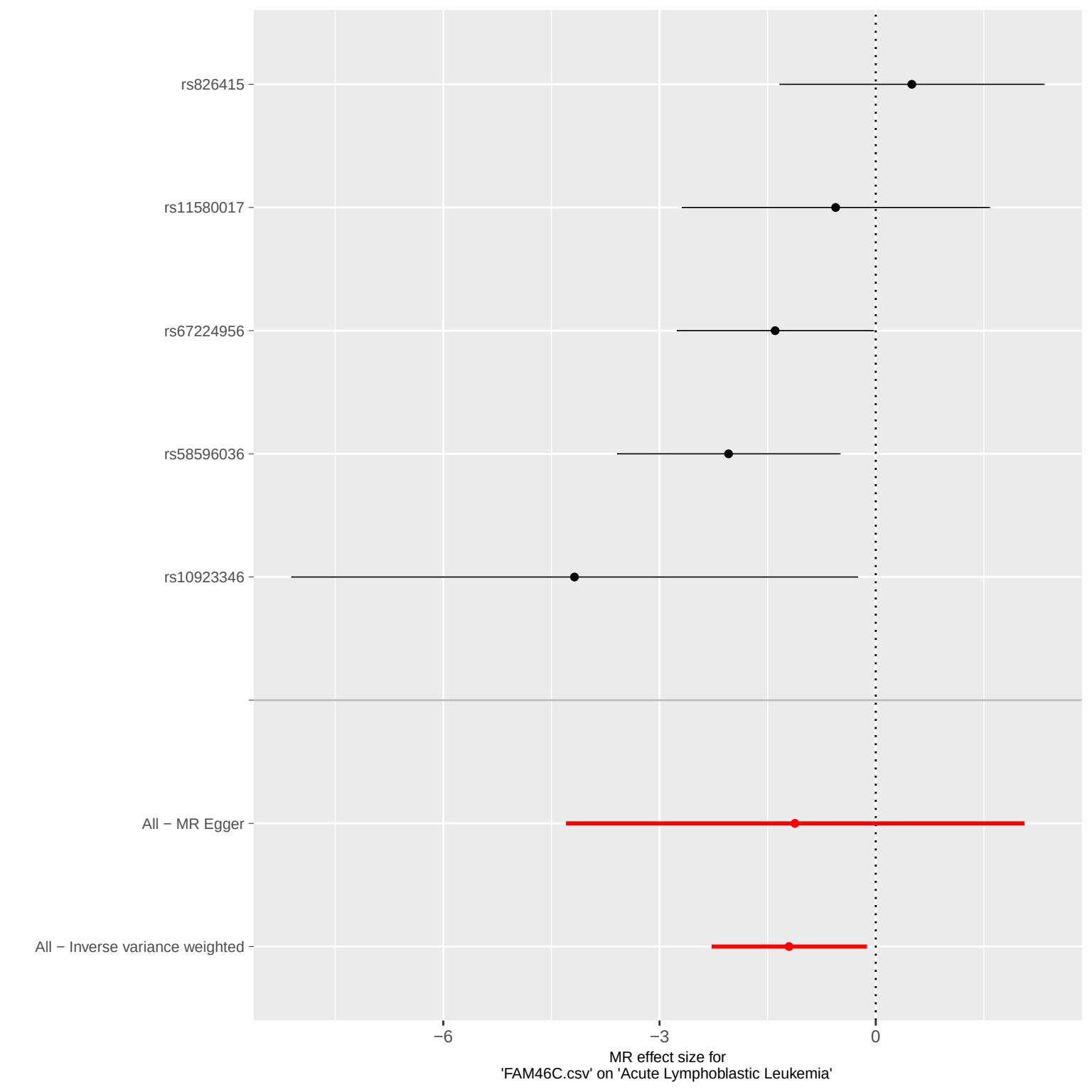
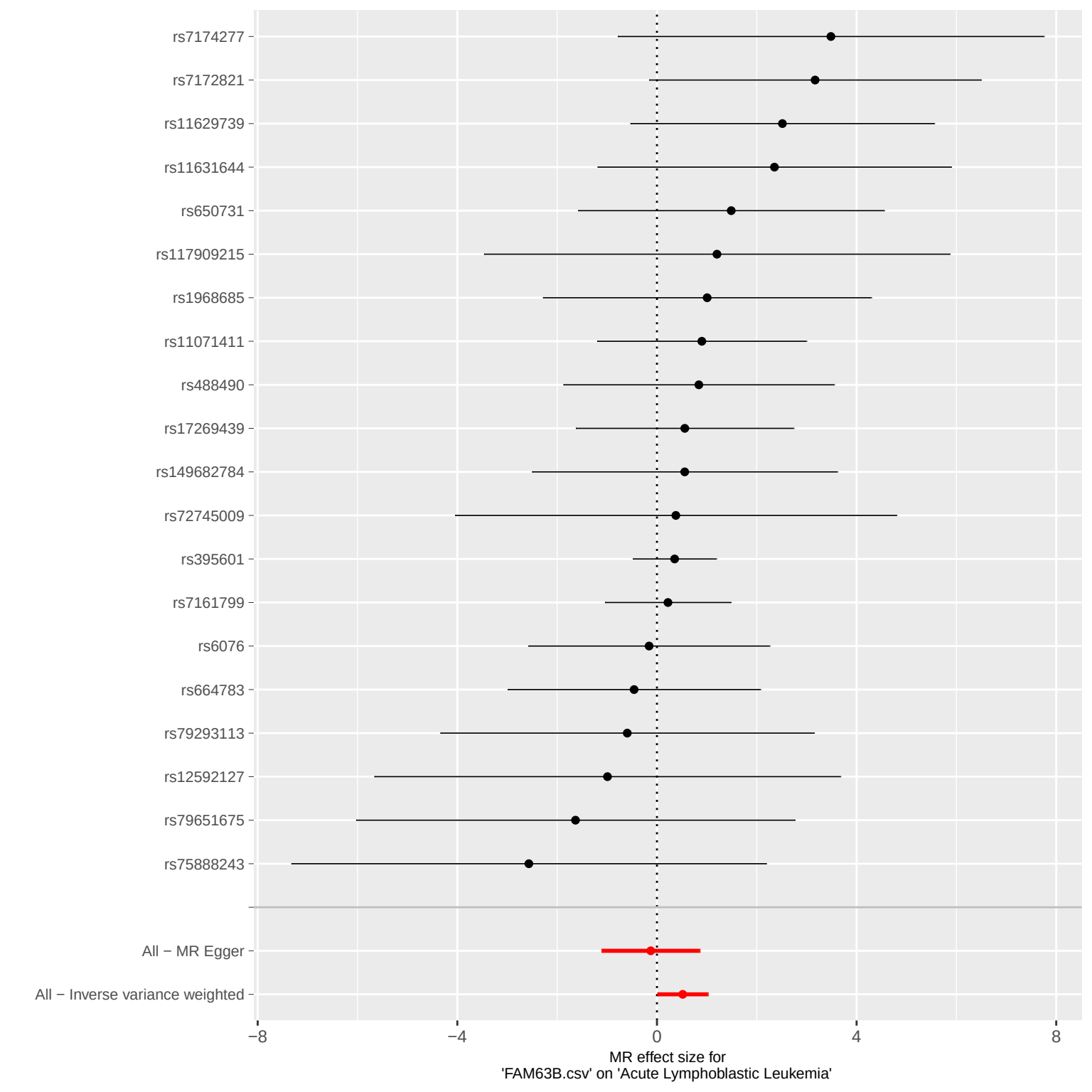
rs7900658
rs7068445
rs77512290
rs4253484
rs2139043
rs11597219
rs12252959
rs1250990
rs11199934
rs7903937
rs45614540
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'FAM22E.csv' on 'Acute Lymphoblastic Leukemia'


rs826415
rs11580017
rs67224956
rs58596036
rs10923346
All − MR Egger
All − Inverse variance weighted
−6
−3
0
MR effect size for
'FAM46C.csv' on 'Acute Lymphoblastic Leukemia'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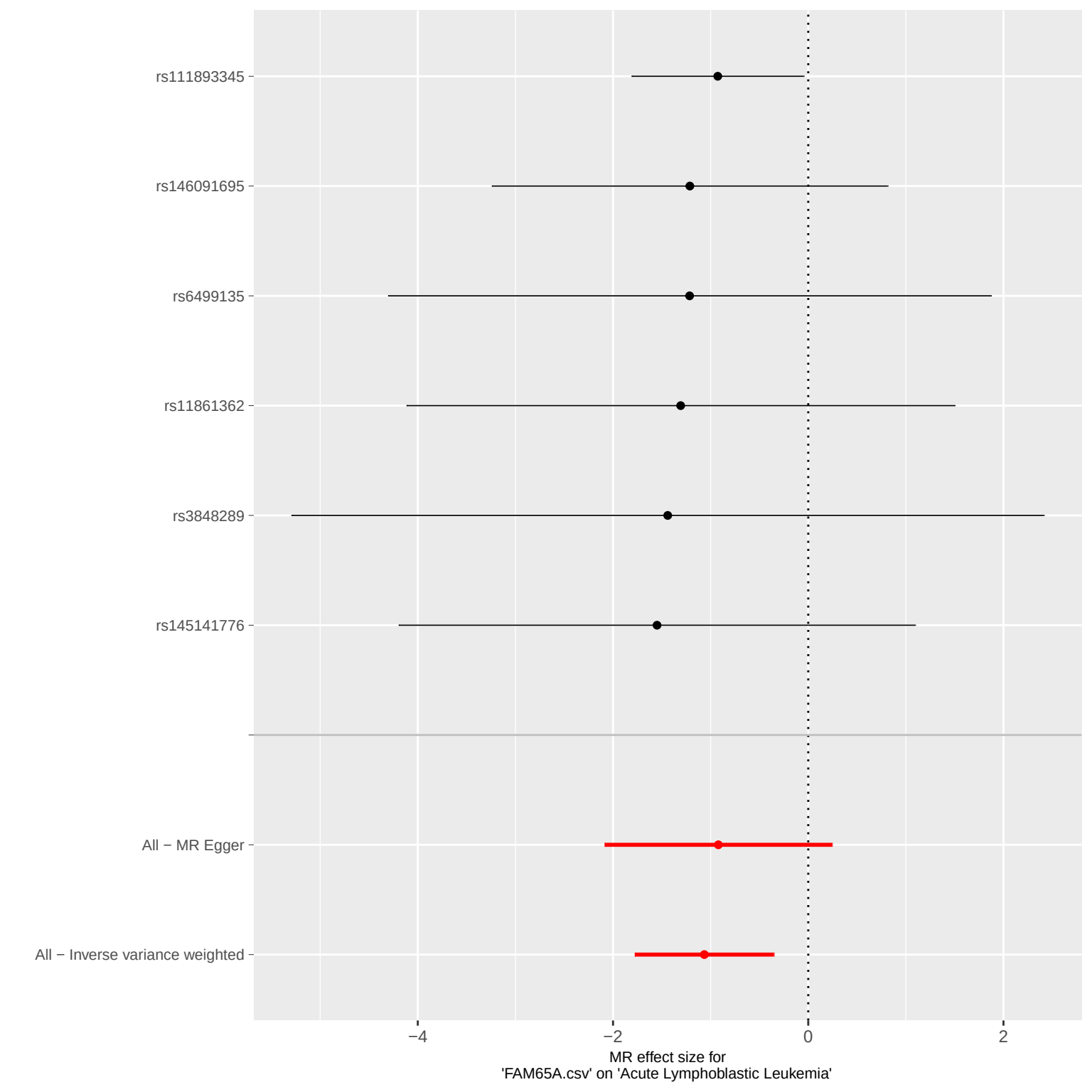
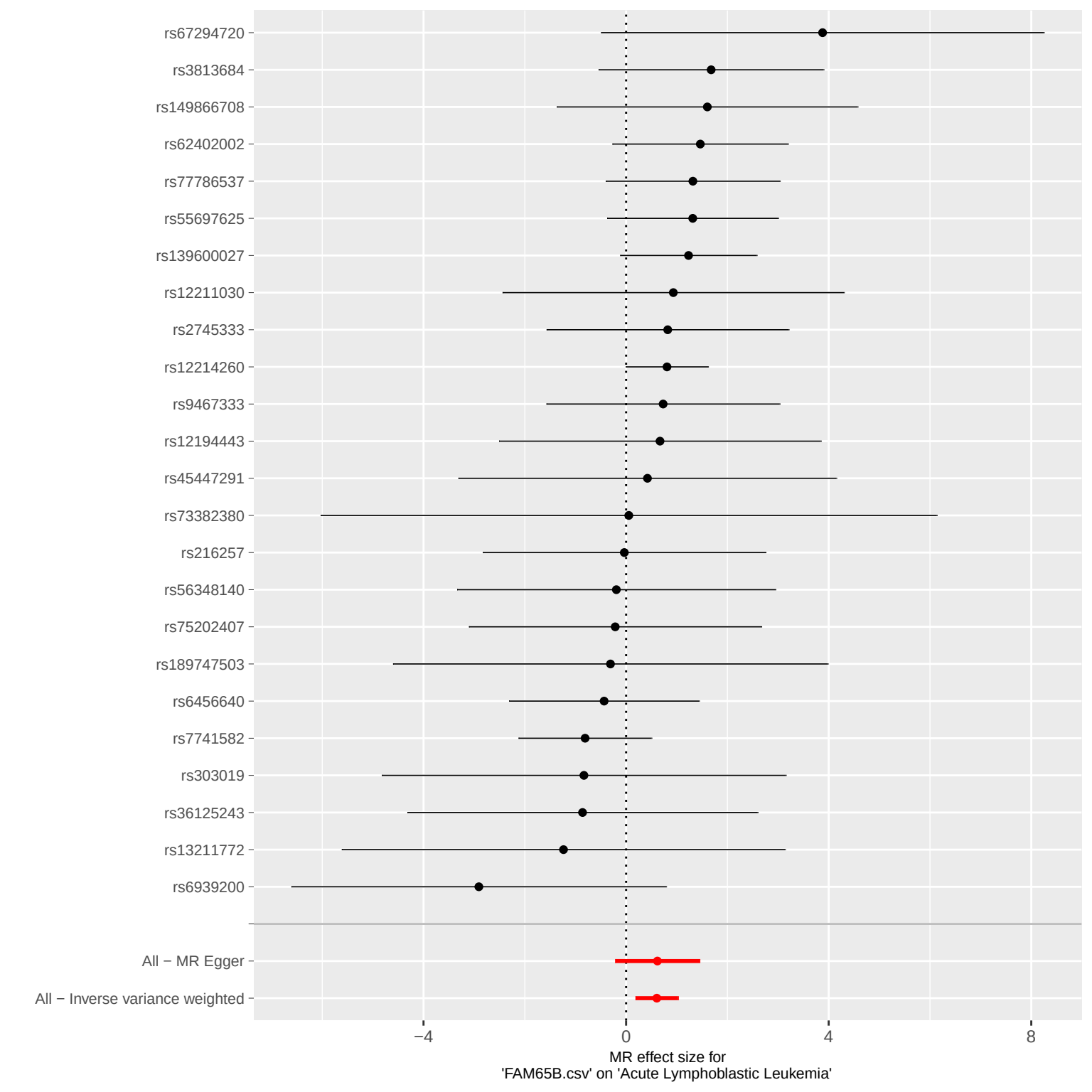
rs650731
rs117909215
rs1968685
rs11071411
rs488490
rs17269439
rs149682784
rs72745009
rs395601
rs7161799
rs6076
rs664783
rs79293113
rs12592127
rs79651675
rs75888243
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'FAM63B.csv' on 'Acute Lymphoblastic Leukemia'


rs111893345
rs146091695
rs6499135
rs11861362
rs3848289
rs145141776
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAM65A.csv' on 'Acute Lymphoblastic Leukemia'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rs62402002
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rs139600027
rs12211030
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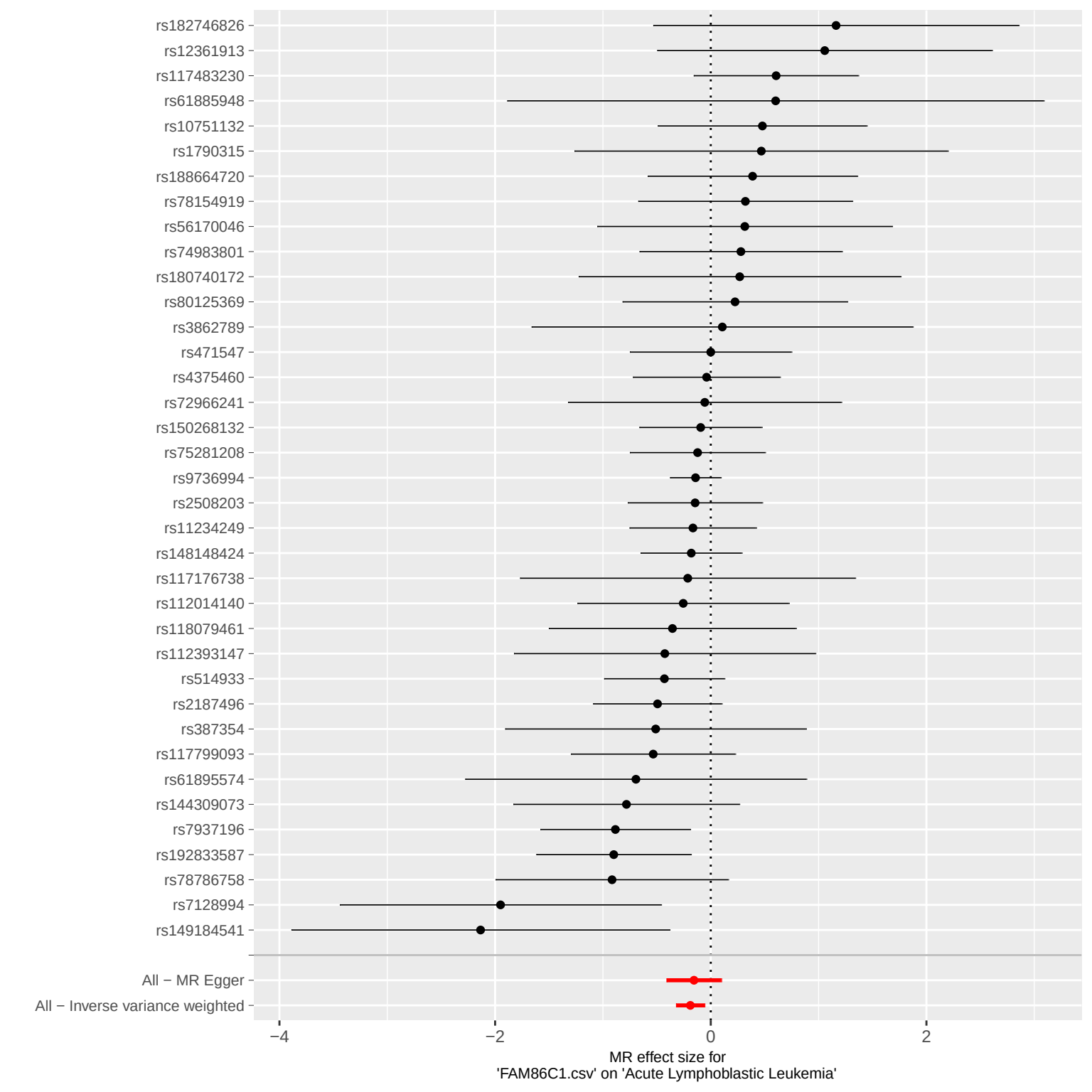
rs73382380
rs216257
rs56348140
rs75202407
rs189747503
rs6456640
rs7741582
rs303019
rs36125243
rs13211772
rs6939200
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'FAM65B.csv' on 'Acute Lymphoblastic Leukemia'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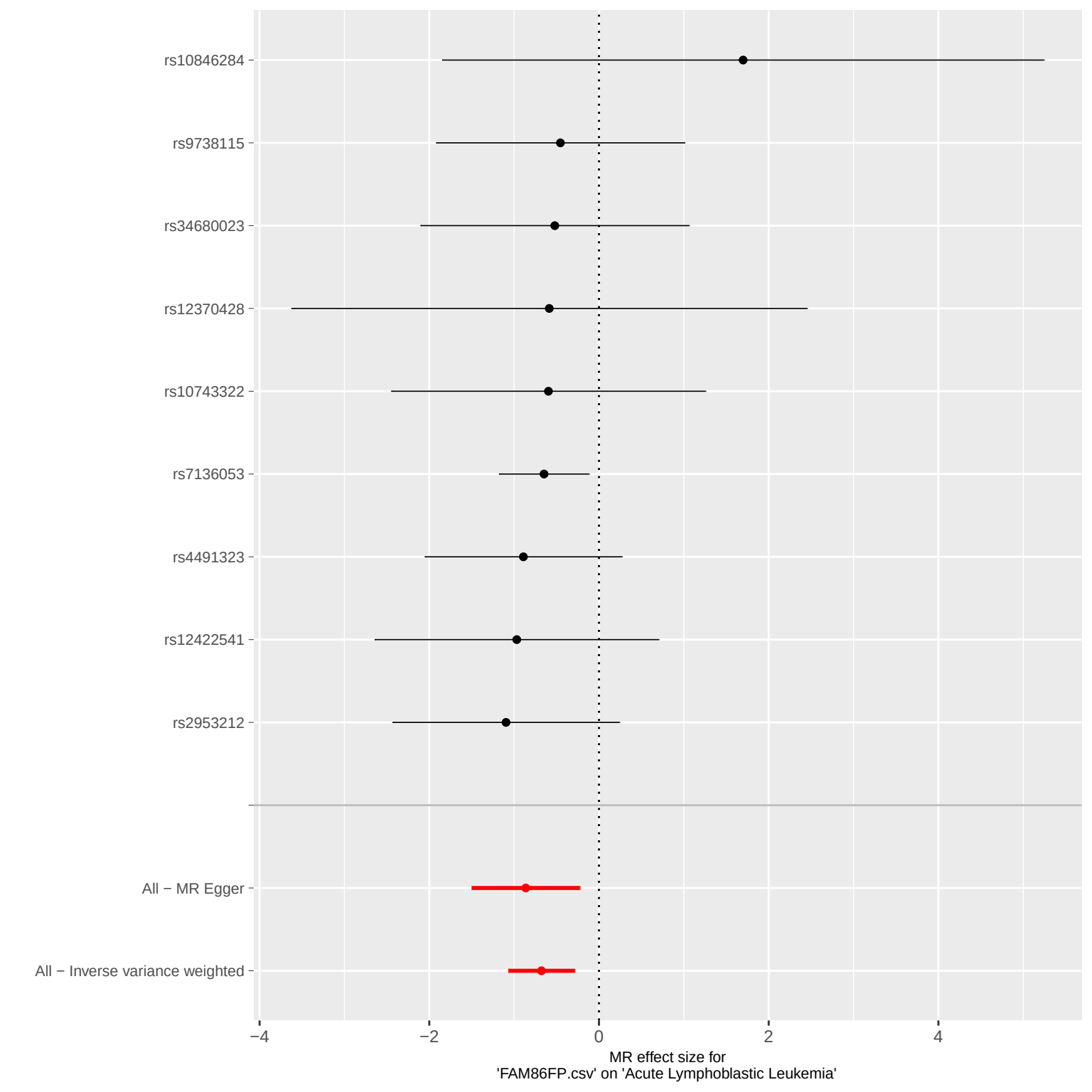
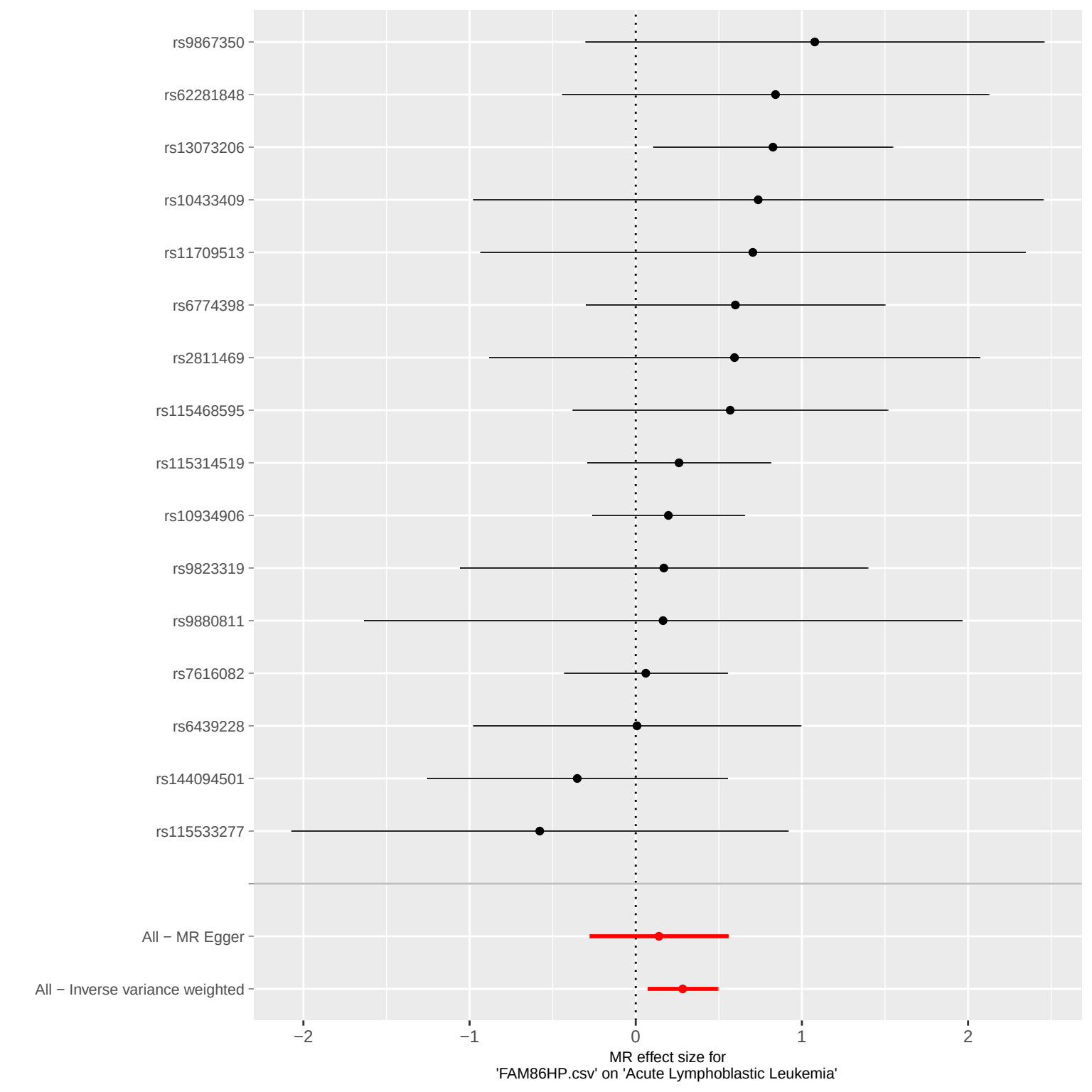
rs74983801
rs180740172
rs80125369
rs3862789
rs471547
rs4375460
rs72966241
rs150268132
rs75281208
rs9736994
rs2508203
rs11234249
rs148148424
rs117176738
rs112014140
rs118079461
rs112393147
rs514933
rs2187496
rs387354
rs117799093
rs61895574
rs144309073
rs7937196
rs192833587
rs78786758
rs7128994
rs149184541
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAM86C1.csv' on 'Acute Lymphoblastic Leukemia'


rs10846284
rs9738115
rs34680023
rs12370428
rs10743322
rs7136053
rs4491323
rs12422541
rs2953212
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'FAM86FP.csv' on 'Acute Lymphoblastic Leukemia'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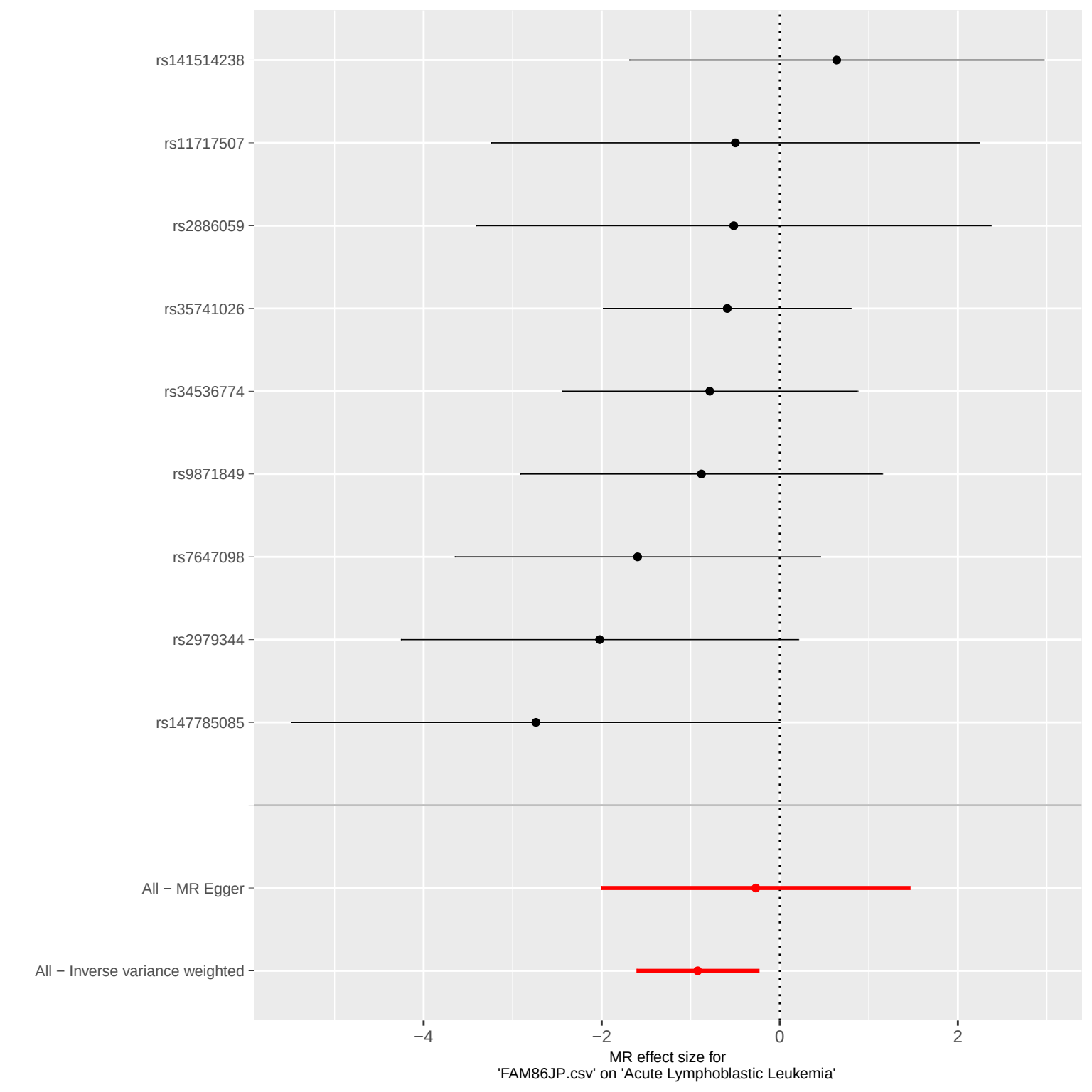
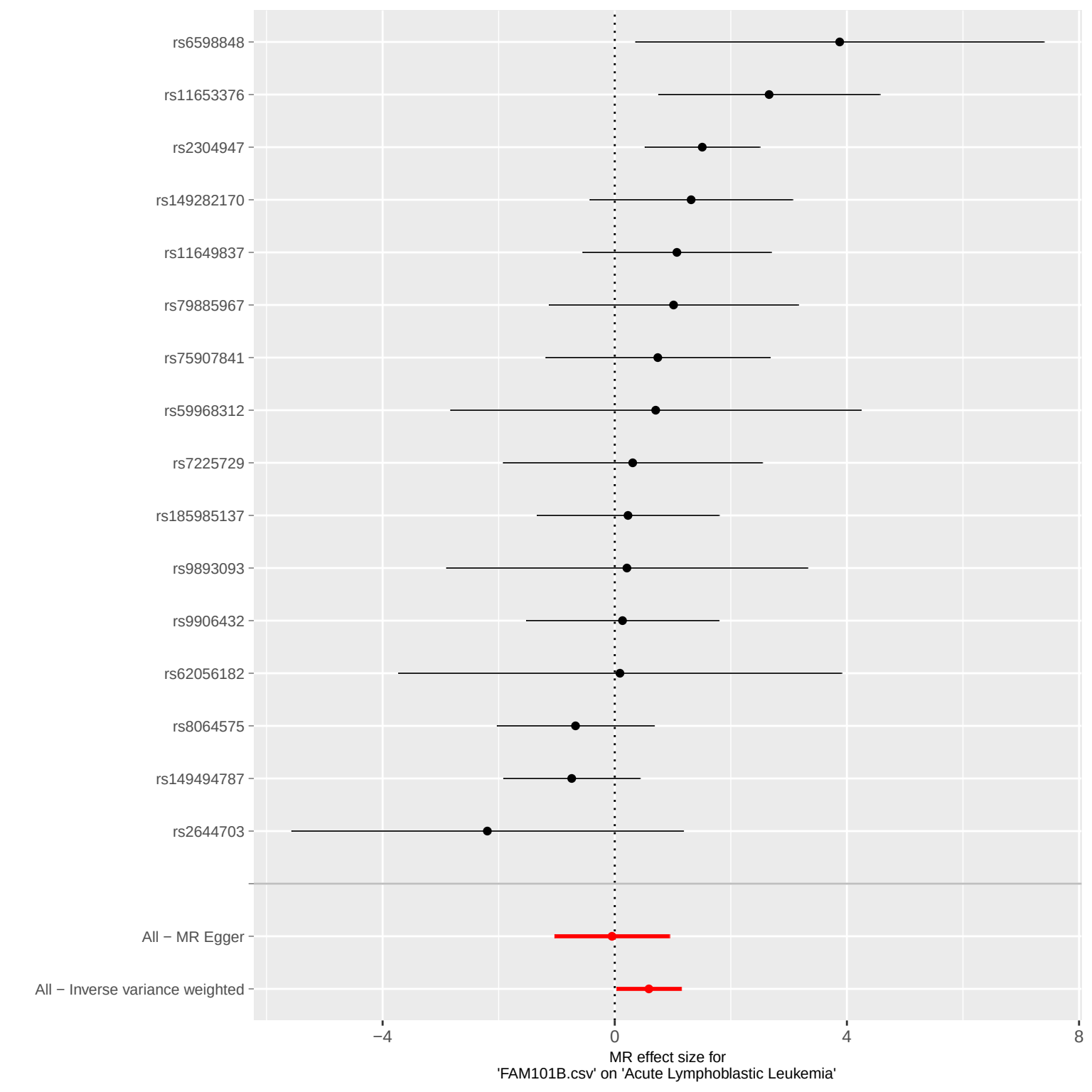
rs62281848
rs13073206
rs10433409
rs11709513
rs6774398
rs2811469
rs115468595
rs115314519
rs10934906
rs9823319
rs9880811
rs7616082
rs6439228
rs144094501
rs115533277
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'FAM86HP.csv' on 'Acute Lymphoblastic Leukemia'


rs141514238
rs11717507
rs2886059
rs35741026
rs34536774
rs9871849
rs7647098
rs2979344
rs147785085
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAM86JP.csv' on 'Acute Lymphoblastic Leukemia'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rs75907841
rs59968312
rs7225729
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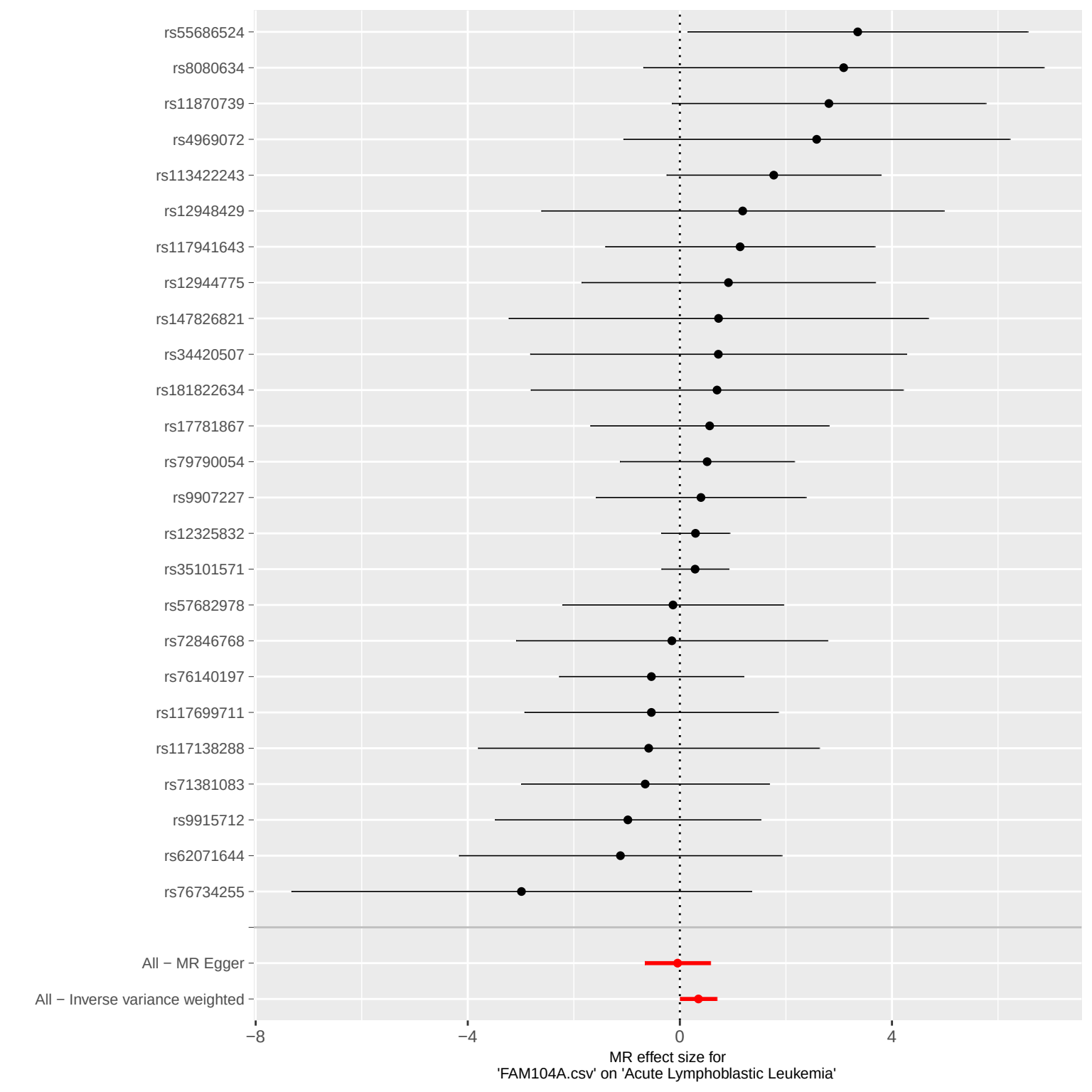
rs9893093
rs9906432
rs62056182
rs8064575
rs149494787
rs2644703
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'FAM101B.csv' on 'Acute Lymphoblastic Leukemia'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rs8080634
rs11870739
rs4969072
rs113422243
rs12948429
rs117941643
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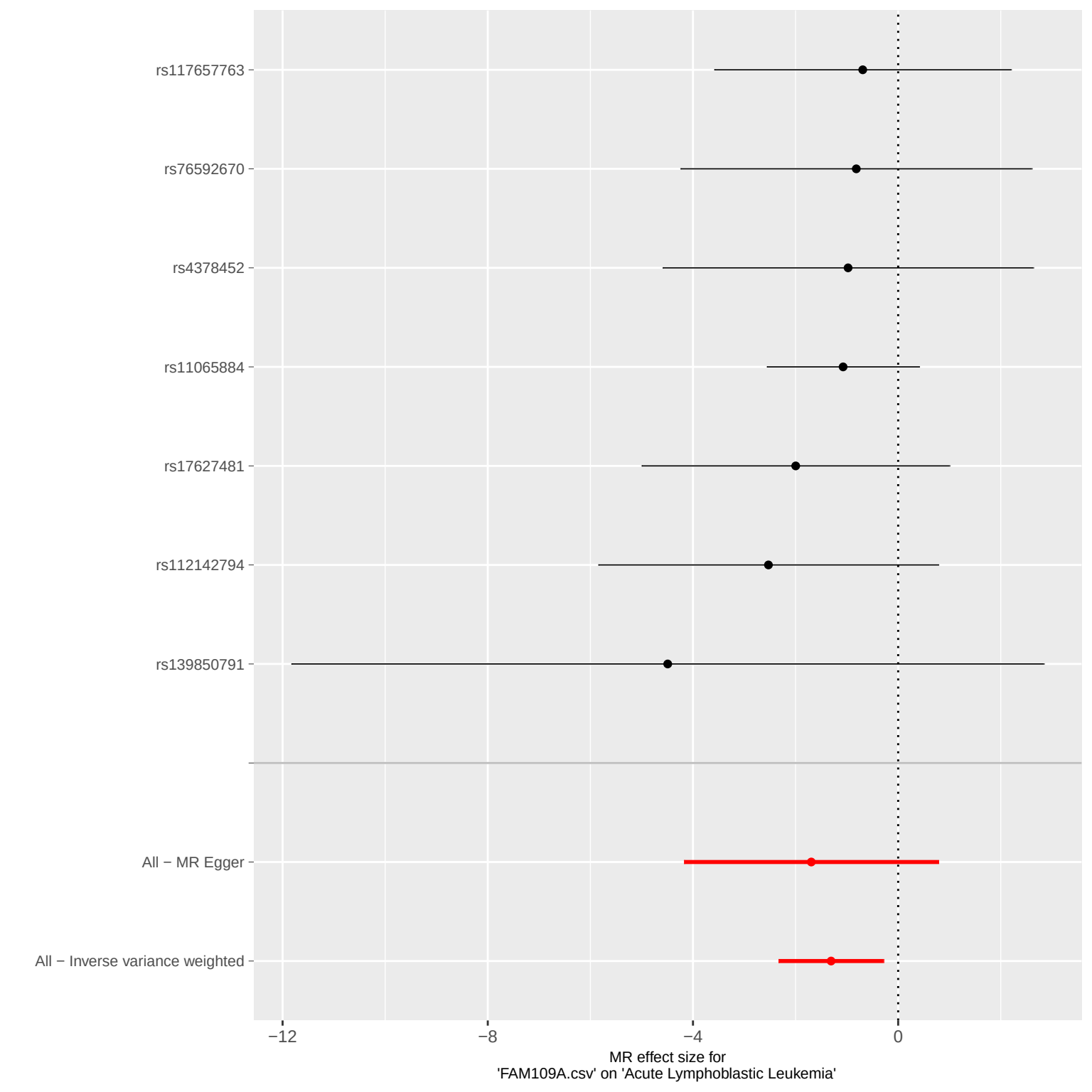
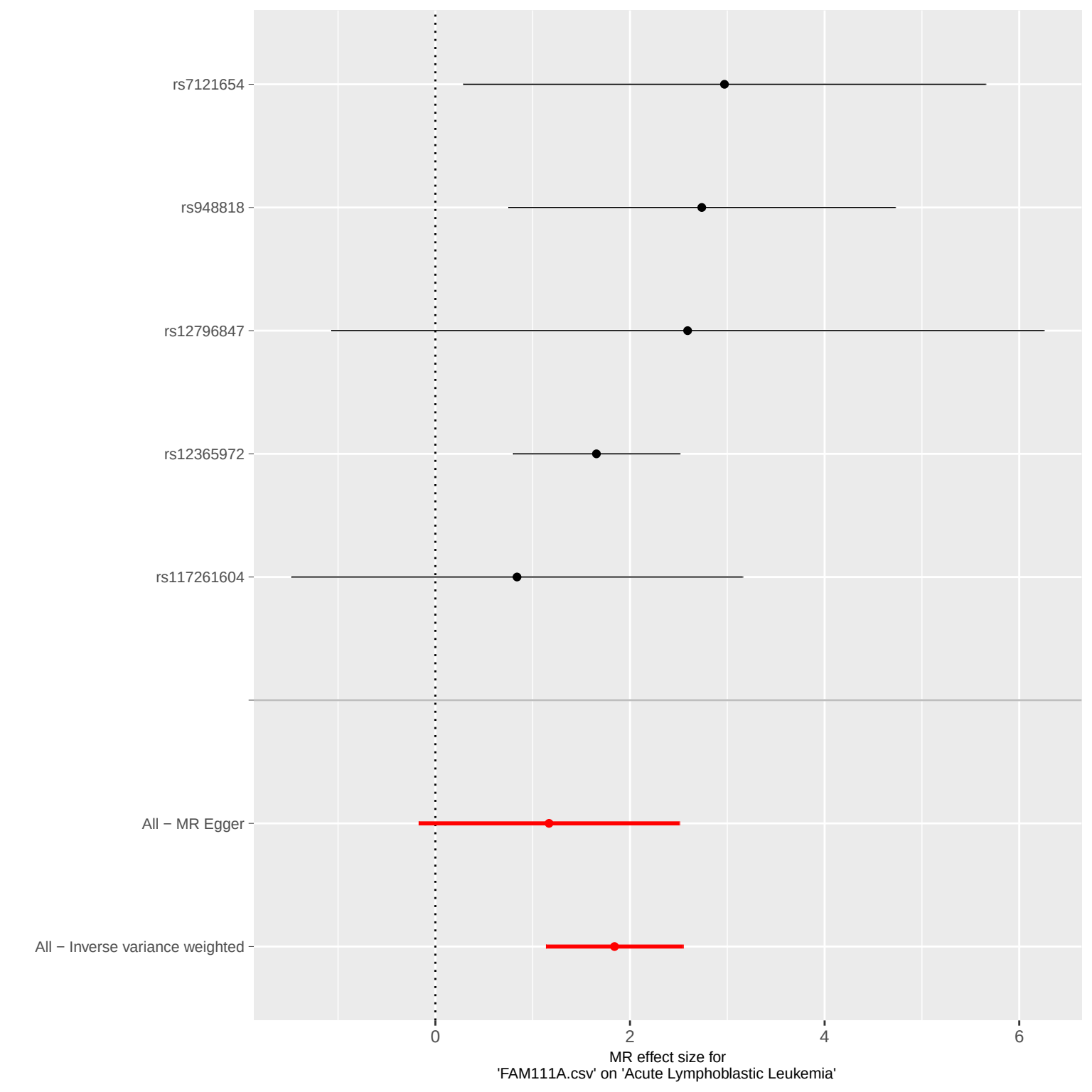
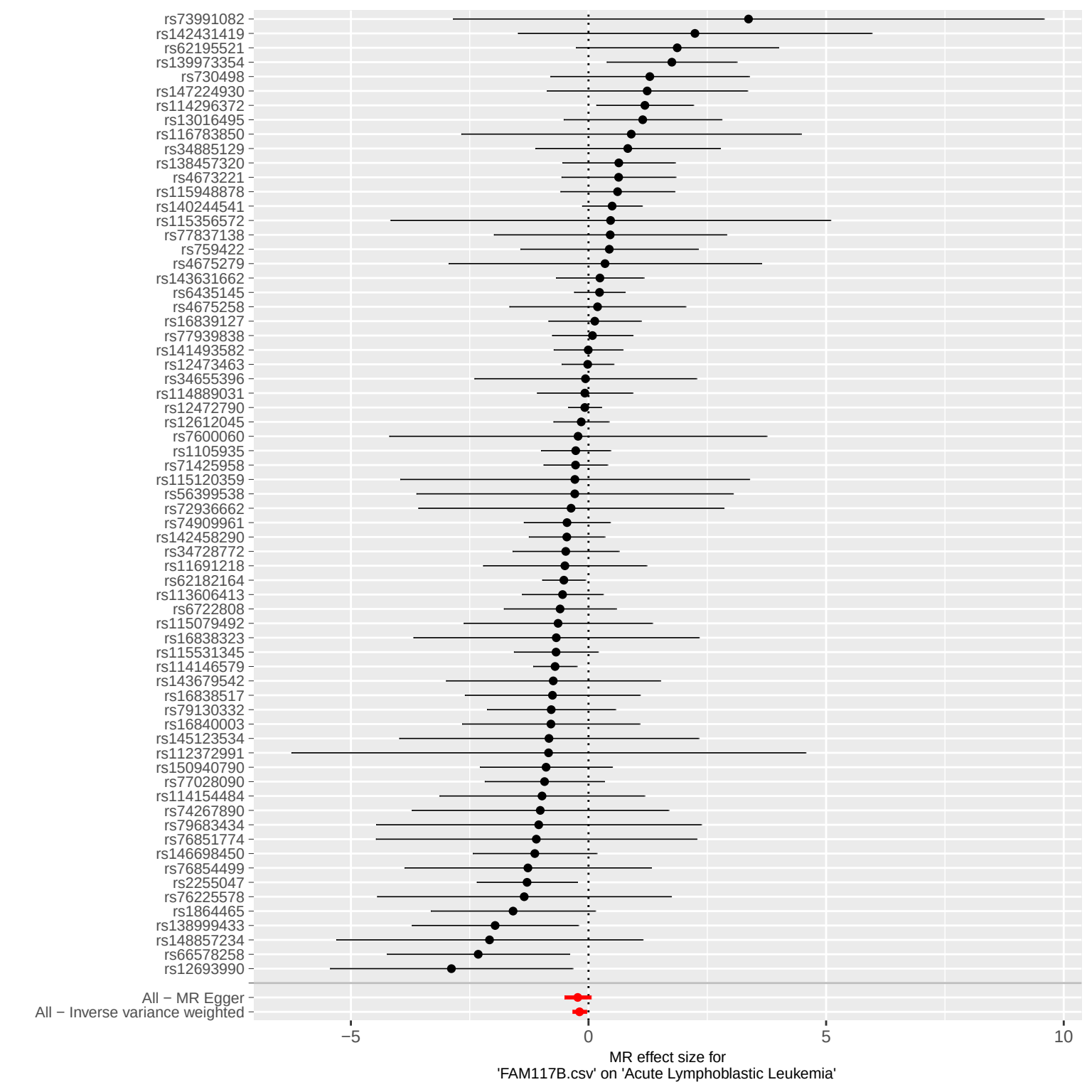
rs17781867
rs79790054
rs9907227
rs12325832
rs35101571
rs57682978
rs72846768
rs76140197
rs117699711
rs117138288
rs71381083
rs9915712
rs62071644
rs76734255
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'FAM104A.csv' on 'Acute Lymphoblastic Leukemia'


rs117657763
rs76592670
rs4378452
rs11065884
rs17627481
rs112142794
rs139850791
All − MR Egger
All − Inverse variance weighted
−12
−8
−4
0
MR effect size for
'FAM109A.csv' on 'Acute Lymphoblastic Leukemia'


rs7121654
rs948818
rs12796847
rs12365972
rs117261604
All − MR Egger
All − Inverse variance weighted
0
2
4
6
MR effect size for
'FAM111A.csv' on 'Acute Lymphoblastic Leukemia'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rs730498
rs147224930
rs114296372
rs13016495
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rs34885129
rs138457320
rs4673221
rs115948878
rs140244541
rs115356572
rs77837138
rs759422
rs4675279
rs143631662
rs6435145
rs4675258
rs16839127
rs77939838
rs141493582
rs12473463
rs34655396
rs114889031
rs12472790
rs12612045
rs7600060
rs1105935
rs71425958
rs115120359
rs56399538
rs72936662
rs74909961
rs142458290
rs34728772
rs11691218
rs62182164
rs113606413
rs6722808
rs115079492
rs16838323
rs115531345
rs114146579
rs143679542
rs16838517
rs79130332
rs16840003
rs145123534
rs112372991
rs150940790
rs77028090
rs114154484
rs74267890
rs79683434
rs76851774
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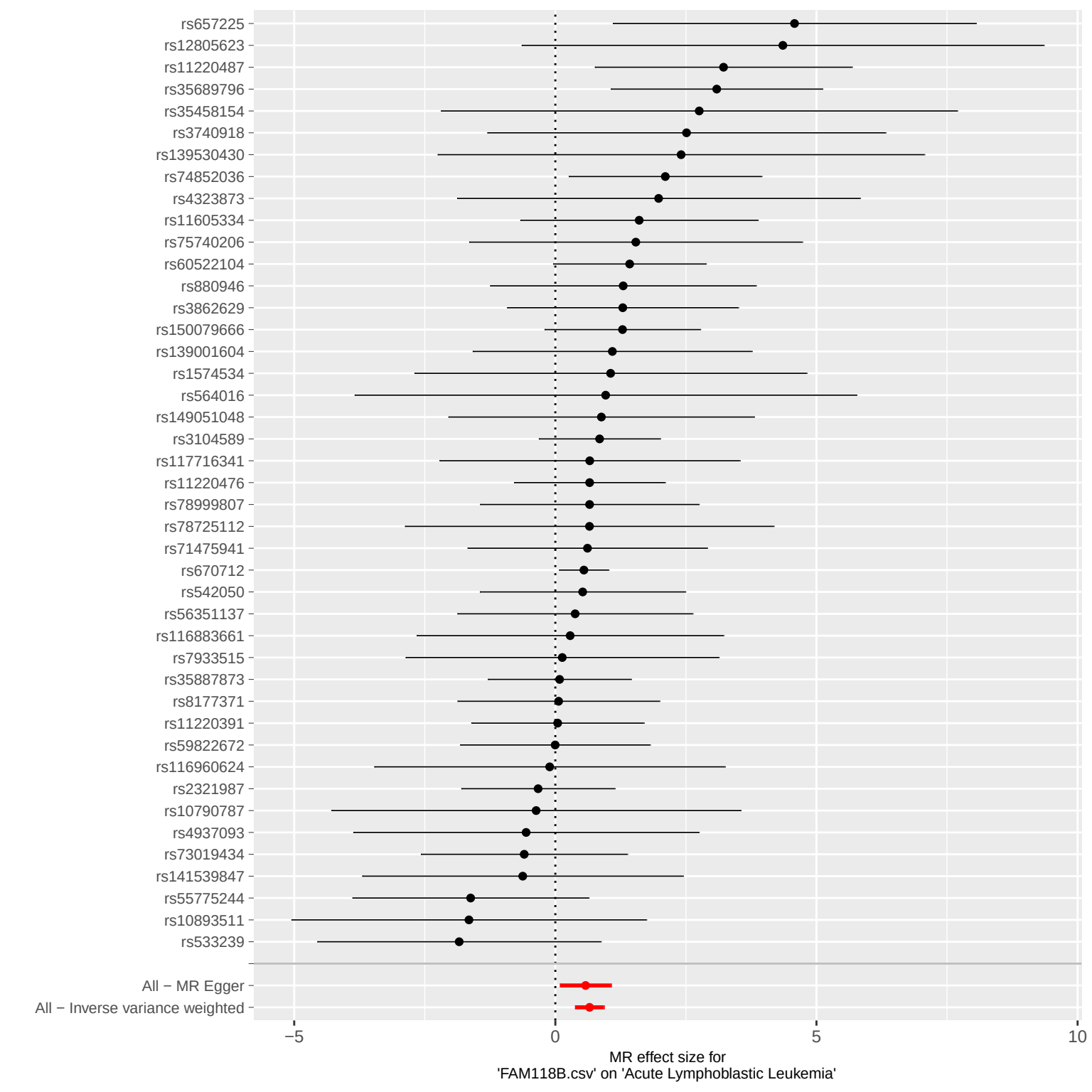
rs76225578
rs1864465
rs138999433
rs148857234
rs66578258
rs12693990
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'FAM117B.csv' on 'Acute Lymphoblastic Leukemia'


rs657225
rs12805623
rs11220487
rs35689796
rs35458154
rs3740918
rs139530430
rs74852036
rs4323873
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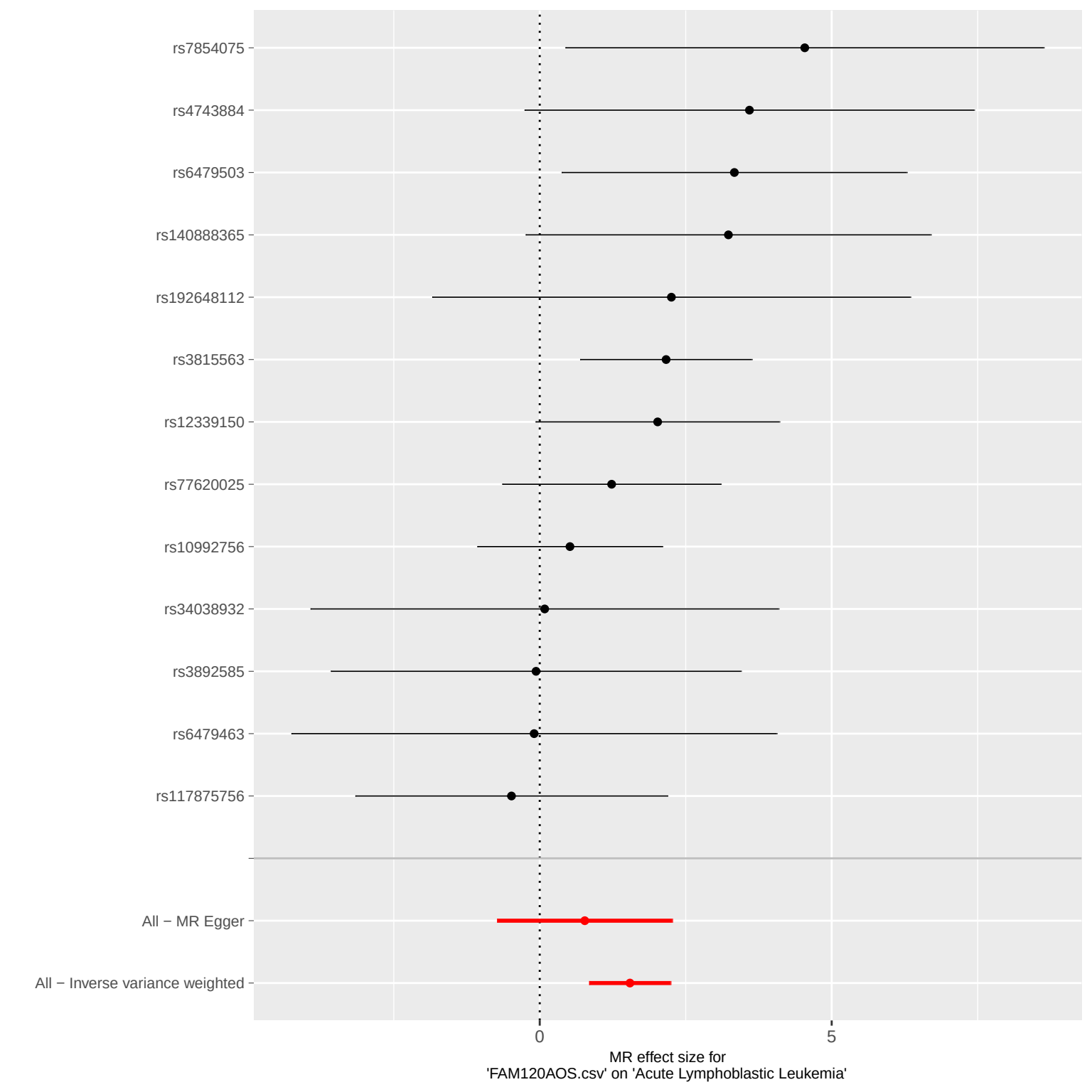
rs75740206
rs60522104
rs880946
rs3862629
rs150079666
rs139001604
rs1574534
rs564016
rs149051048
rs3104589
rs117716341
rs11220476
rs78999807
rs78725112
rs71475941
rs670712
rs542050
rs56351137
rs116883661
rs7933515
rs35887873
rs8177371
rs11220391
rs59822672
rs116960624
rs2321987
rs10790787
rs4937093
rs73019434
rs141539847
rs55775244
rs10893511
rs533239
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'FAM118B.csv' on 'Acute Lymphoblastic Leukemia'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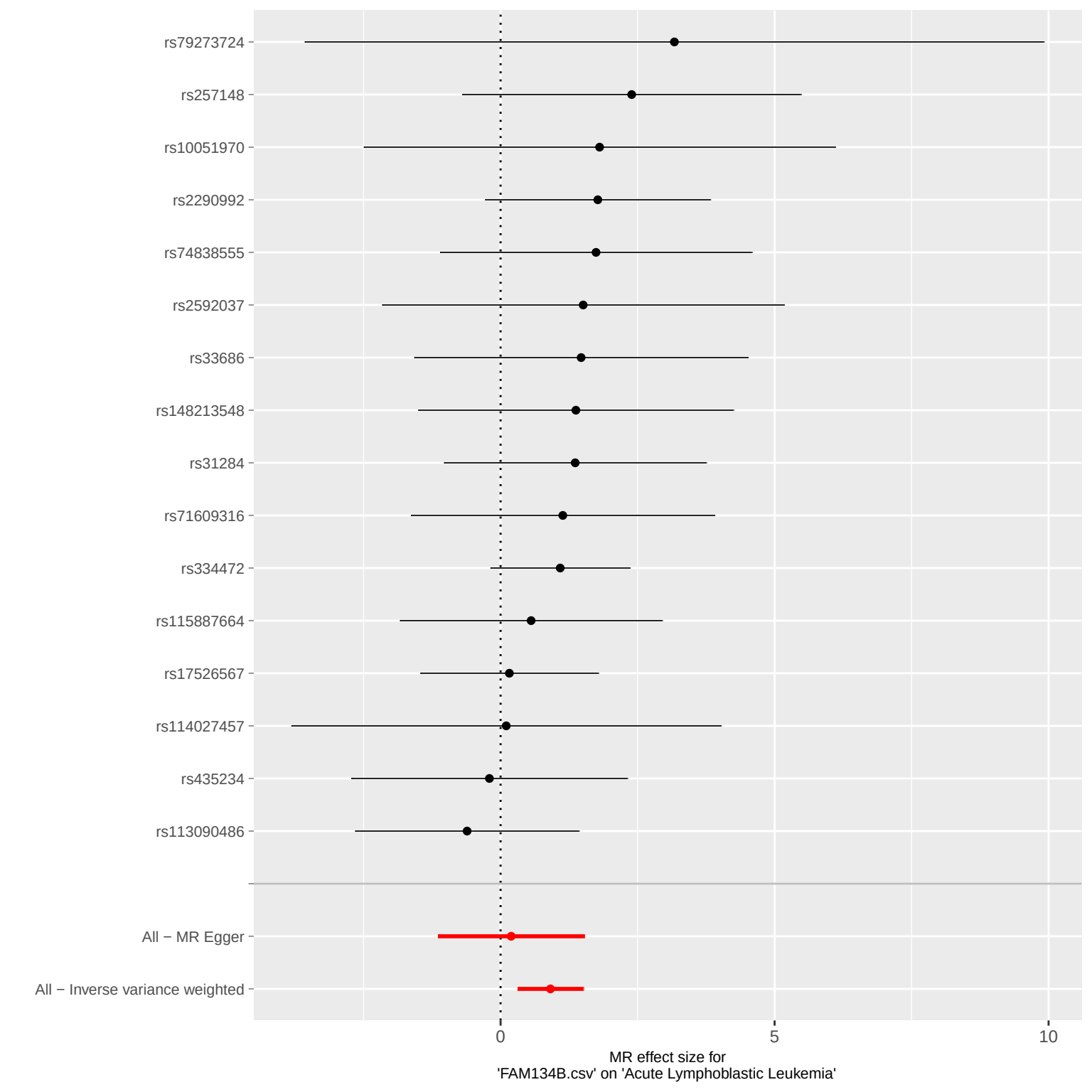
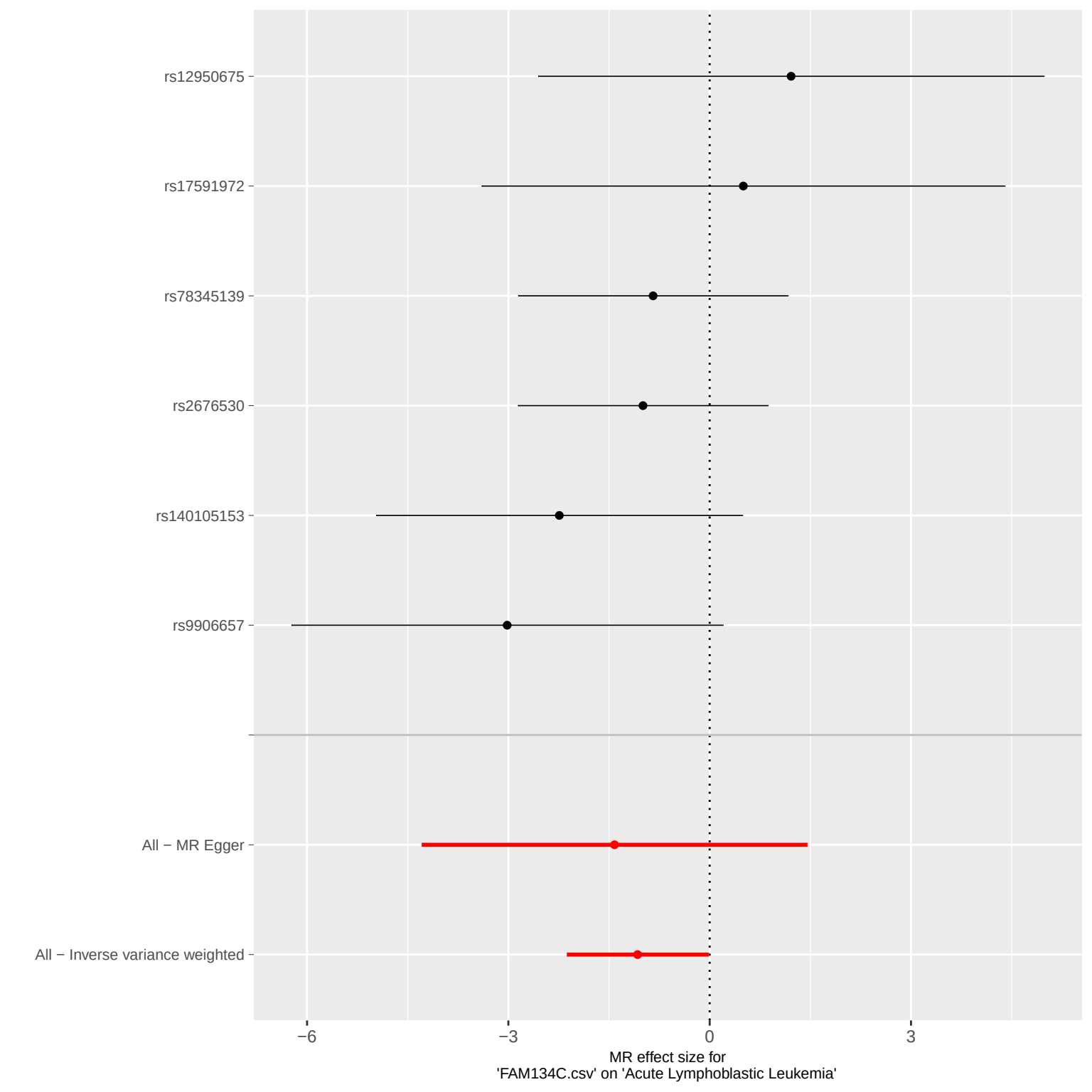
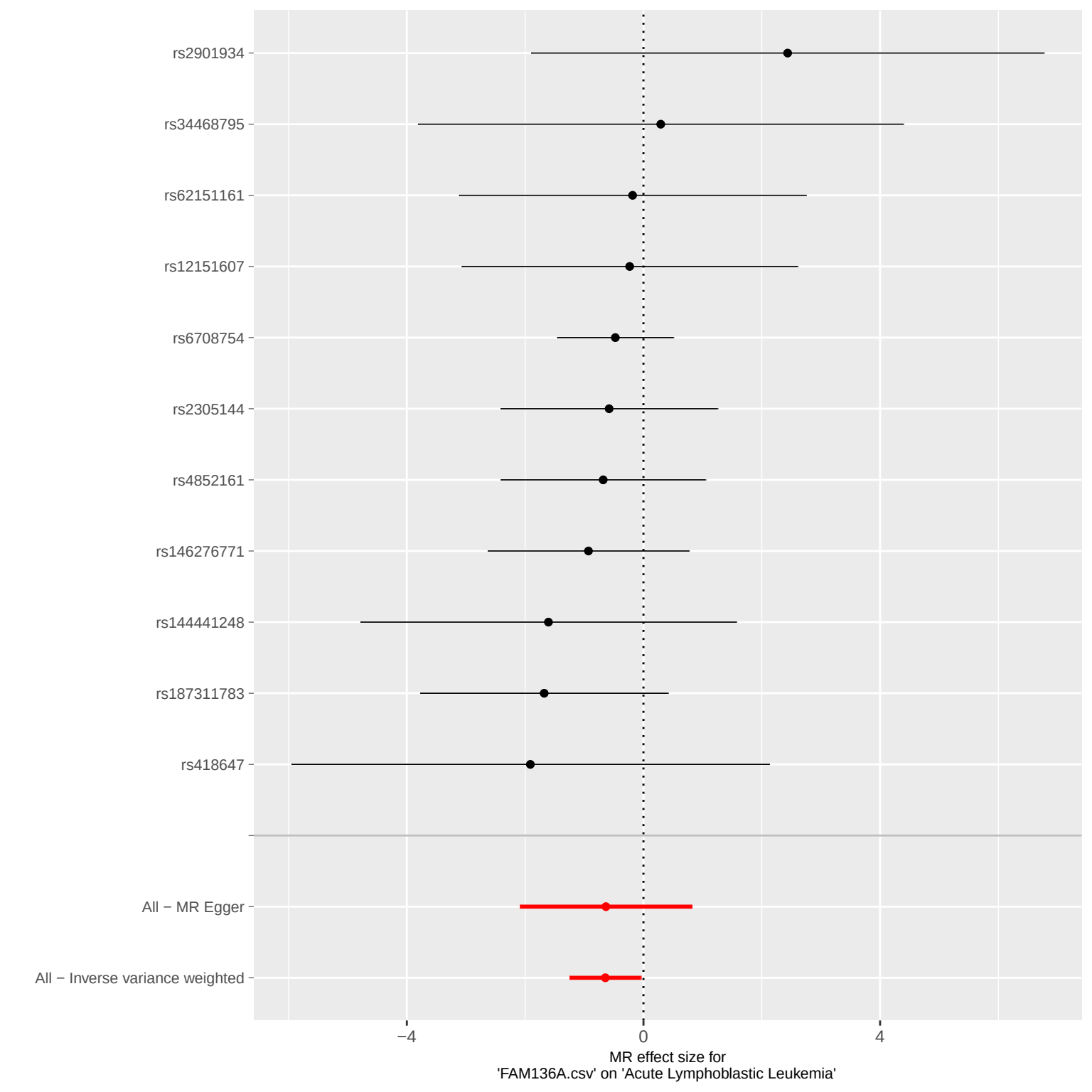
rs4743884
rs6479503
rs140888365
rs192648112
rs3815563
rs12339150
rs77620025
rs10992756
rs34038932
rs3892585
rs6479463
rs117875756
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'FAM120AOS.csv' on 'Acute Lymphoblastic Leukemia'


rs79273724
rs257148
rs10051970
rs2290992
rs74838555
rs2592037
rs33686
rs148213548
rs31284
rs71609316
rs334472
rs115887664
rs17526567
rs114027457
rs435234
rs113090486
All − MR Egger
All − Inverse variance weighted
0
5
10
MR effect size for
'FAM134B.csv' on 'Acute Lymphoblastic Leukemia'


rs12950675
rs17591972
rs78345139
rs2676530
rs140105153
rs9906657
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'FAM134C.csv' on 'Acute Lymphoblastic Leukemia'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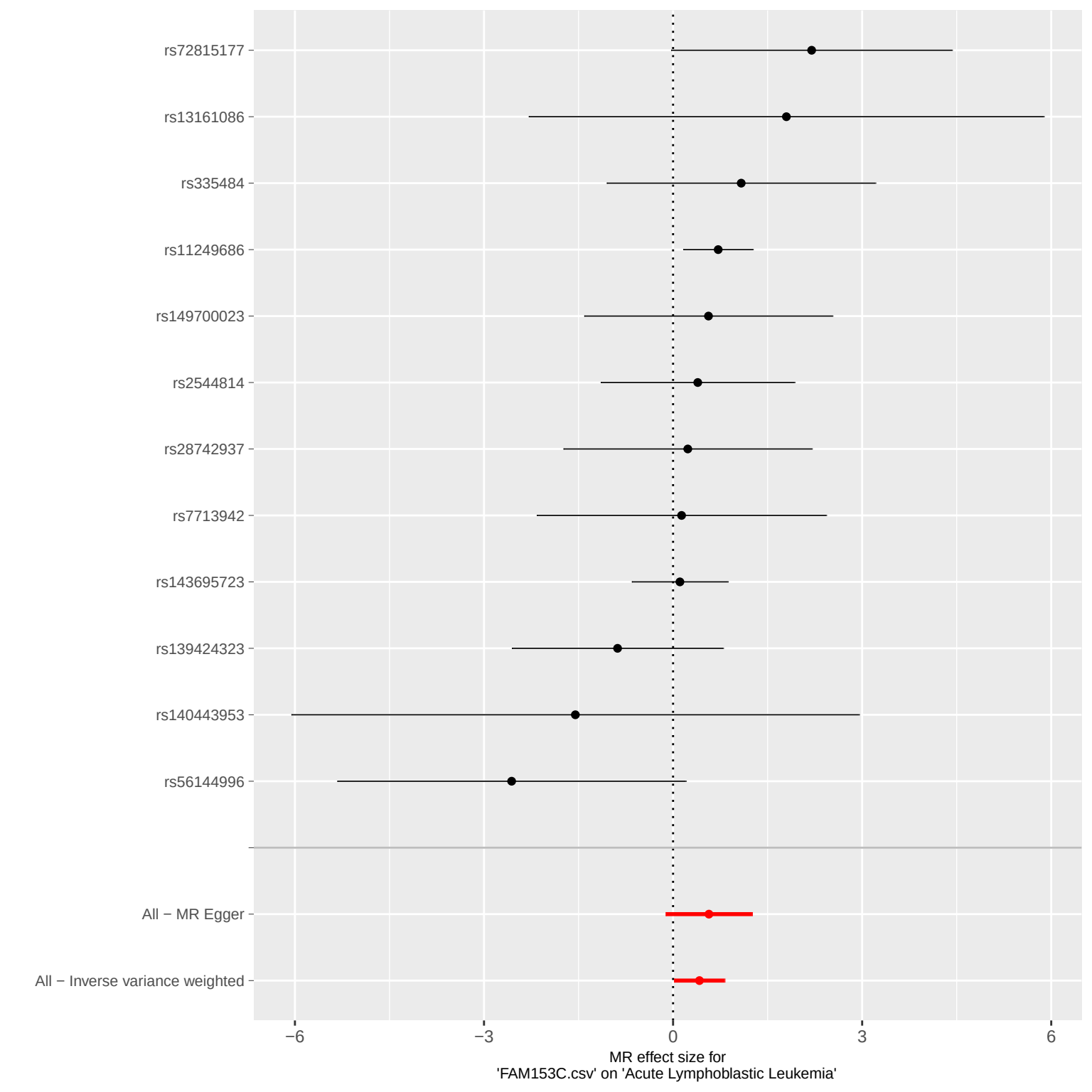
rs34468795
rs62151161
rs12151607
rs6708754
rs2305144
rs4852161
rs146276771
rs144441248
rs187311783
rs418647
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'FAM136A.csv' on 'Acute Lymphoblastic Leukemia'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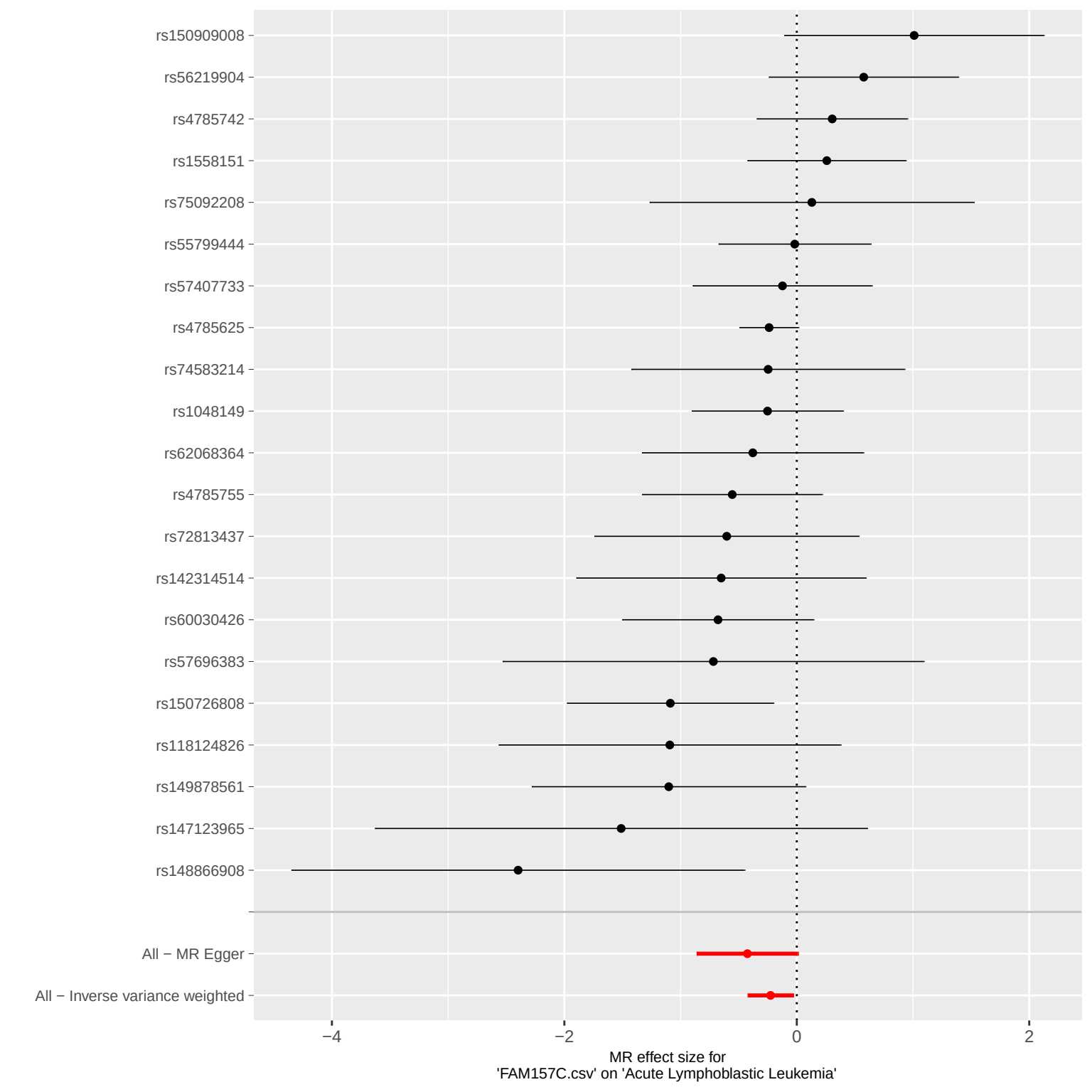
rs13161086
rs335484
rs11249686
rs149700023
rs2544814
rs28742937
rs7713942
rs143695723
rs139424323
rs140443953
rs56144996
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'FAM153C.csv' on 'Acute Lymphoblastic Leukemia'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rs4785742
rs1558151
rs75092208
rs55799444
rs57407733
rs4785625
rs74583214
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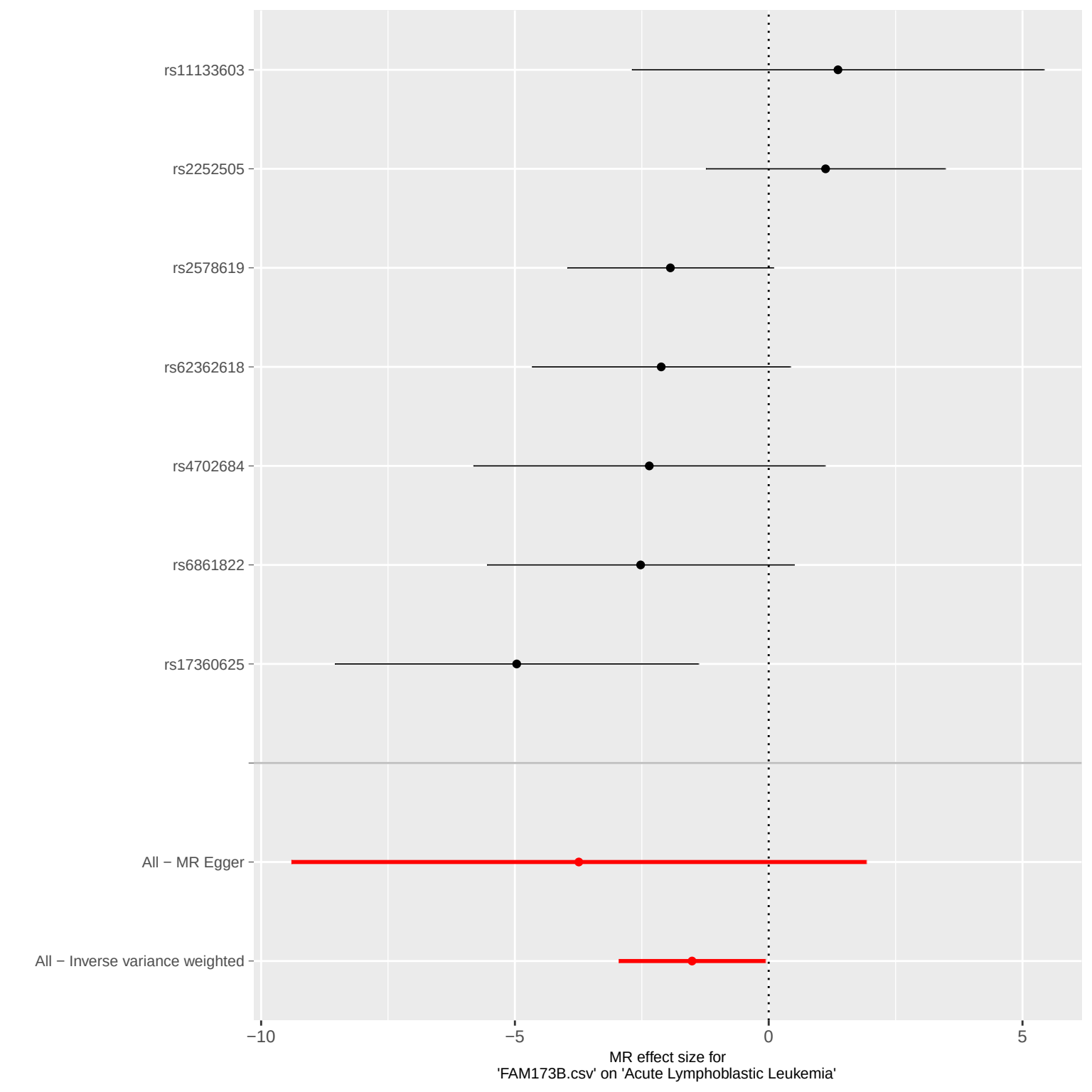
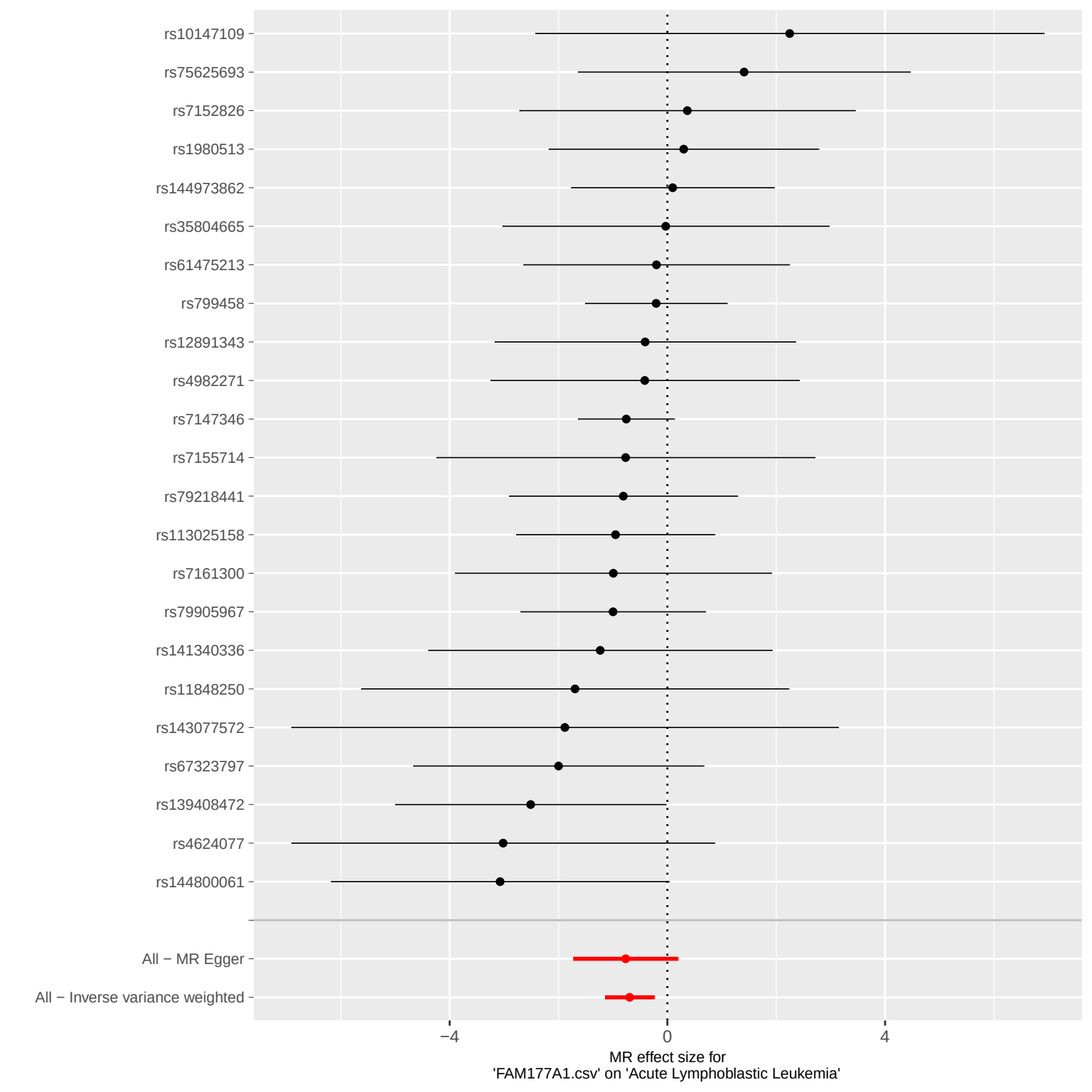
rs4785755
rs72813437
rs142314514
rs60030426
rs57696383
rs150726808
rs118124826
rs149878561
rs147123965
rs148866908
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAM157C.csv' on 'Acute Lymphoblastic Leukemia'


rs11133603
rs2252505
rs2578619
rs62362618
rs4702684
rs6861822
rs17360625
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FAM173B.csv' on 'Acute Lymphoblastic Leukemia'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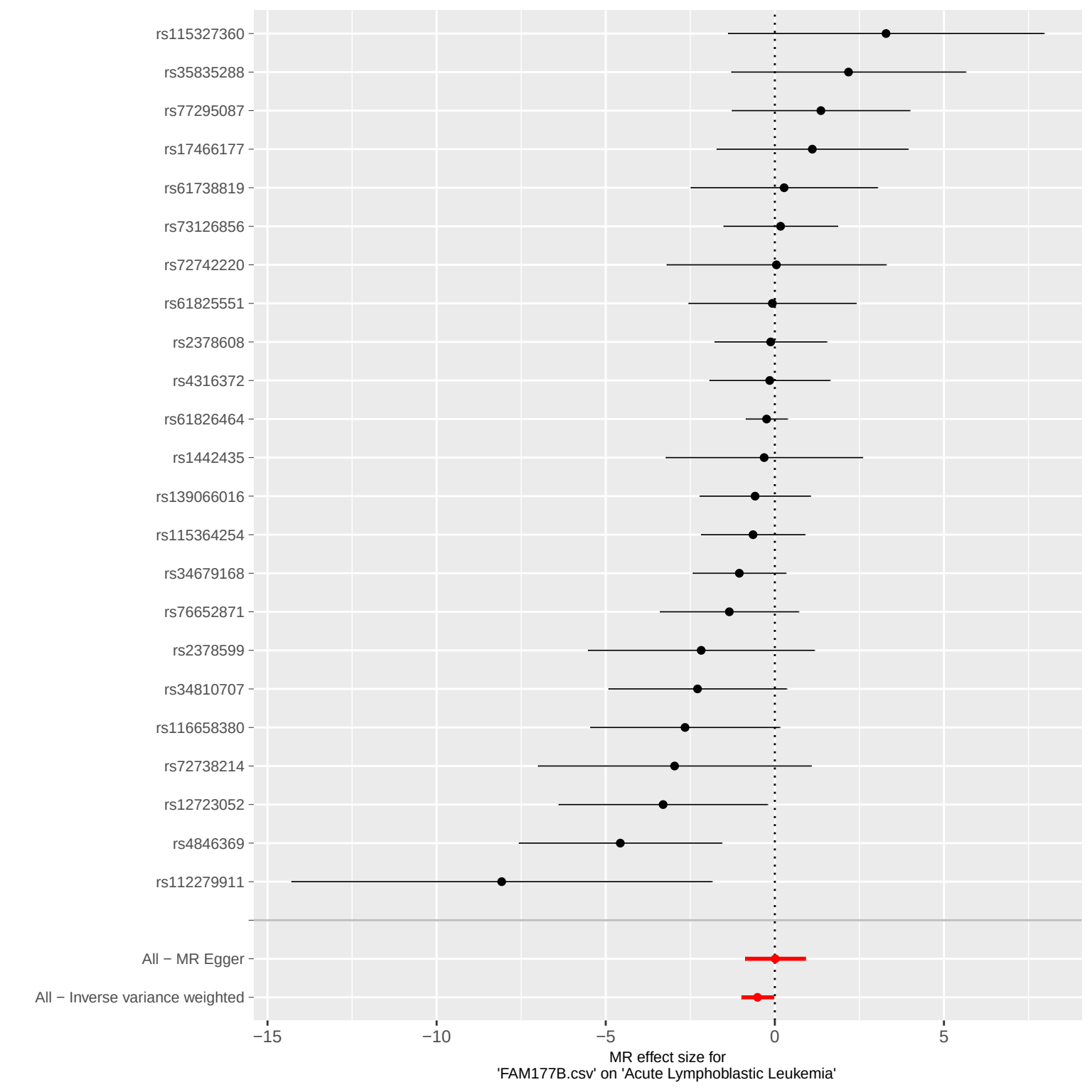
rs61475213
rs799458
rs12891343
rs4982271
rs7147346
rs7155714
rs79218441
rs113025158
rs7161300
rs79905967
rs141340336
rs11848250
rs143077572
rs67323797
rs139408472
rs4624077
rs144800061
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'FAM177A1.csv' on 'Acute Lymphoblastic Leukemia'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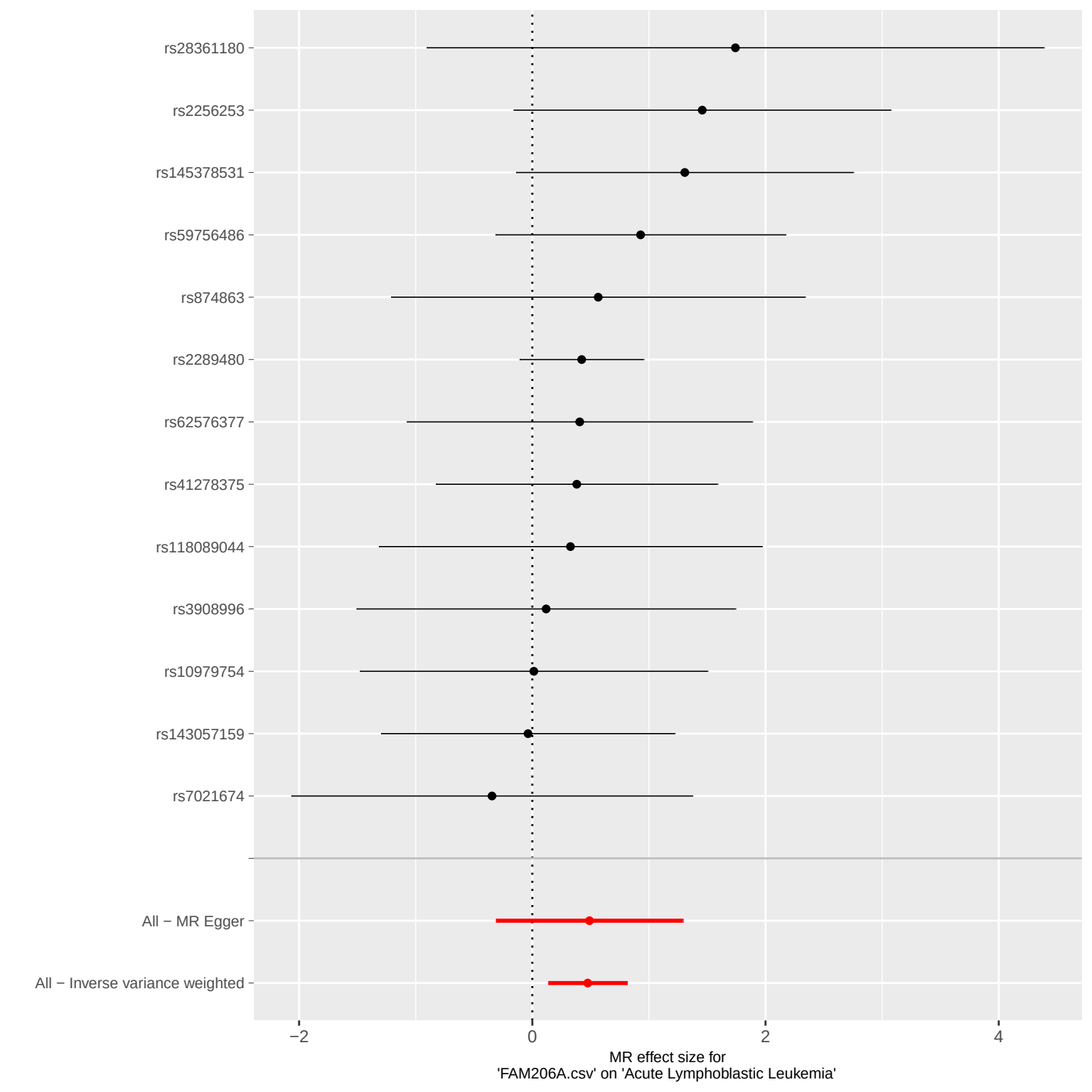
rs115364254
rs34679168
rs76652871
rs2378599
rs34810707
rs116658380
rs72738214
rs12723052
rs4846369
rs112279911
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
MR effect size for
'FAM177B.csv' on 'Acute Lymphoblastic Leukemia'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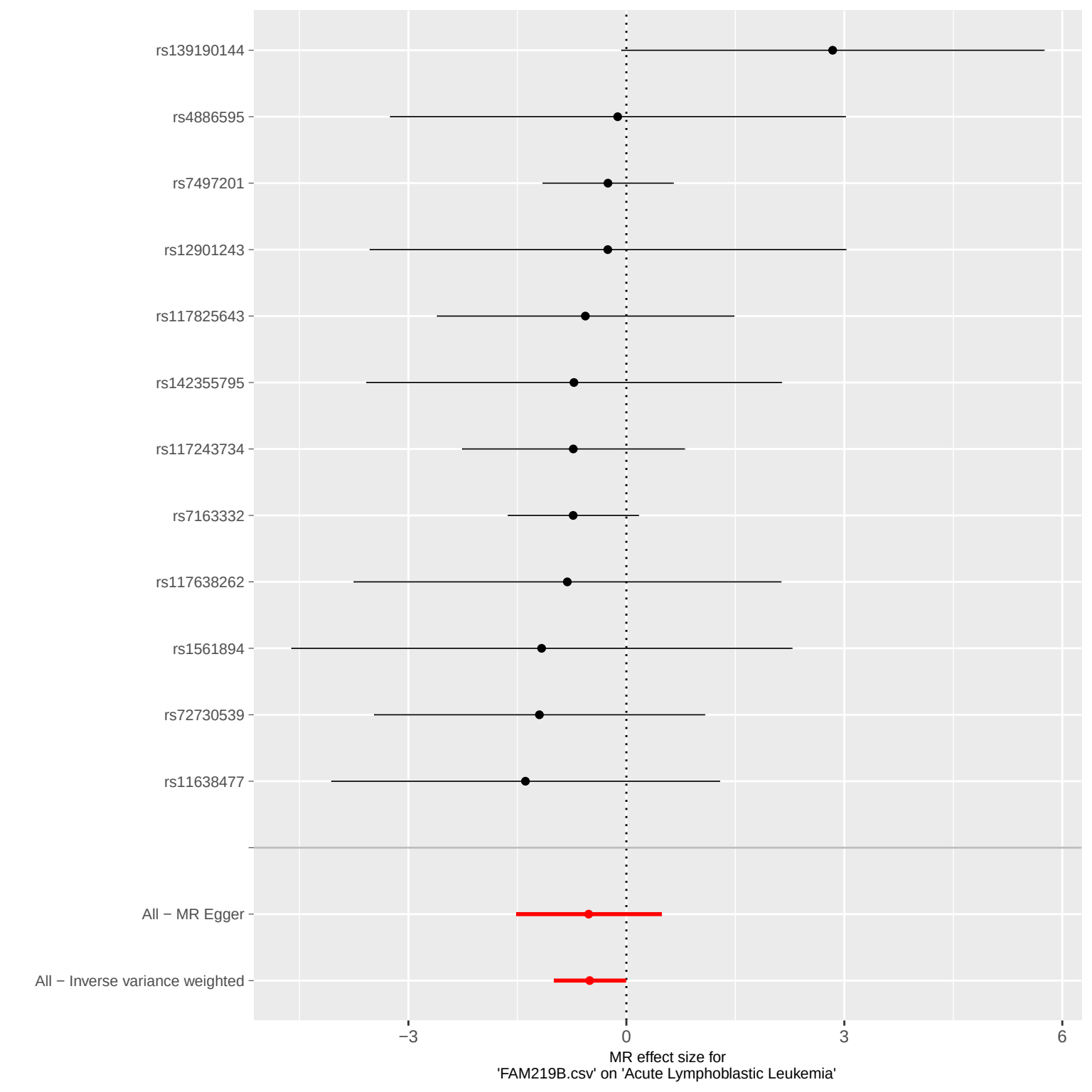
rs59756486
rs874863
rs2289480
rs62576377
rs41278375
rs118089044
rs3908996
rs10979754
rs143057159
rs7021674
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FAM206A.csv' on 'Acute Lymphoblastic Leukemia'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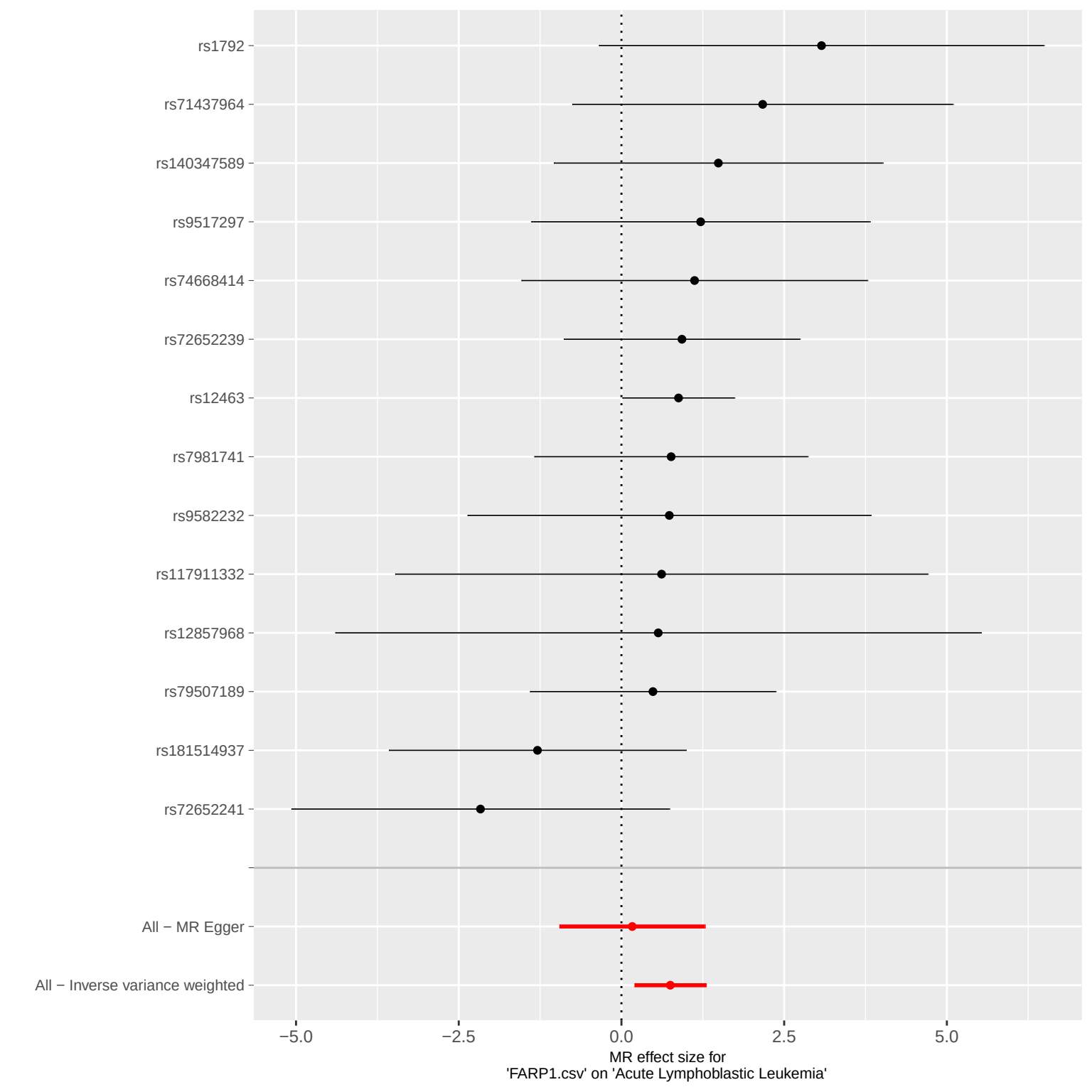
rs7497201
rs12901243
rs117825643
rs142355795
rs117243734
rs7163332
rs117638262
rs1561894
rs72730539
rs11638477
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'FAM219B.csv' on 'Acute Lymphoblastic Leukemia'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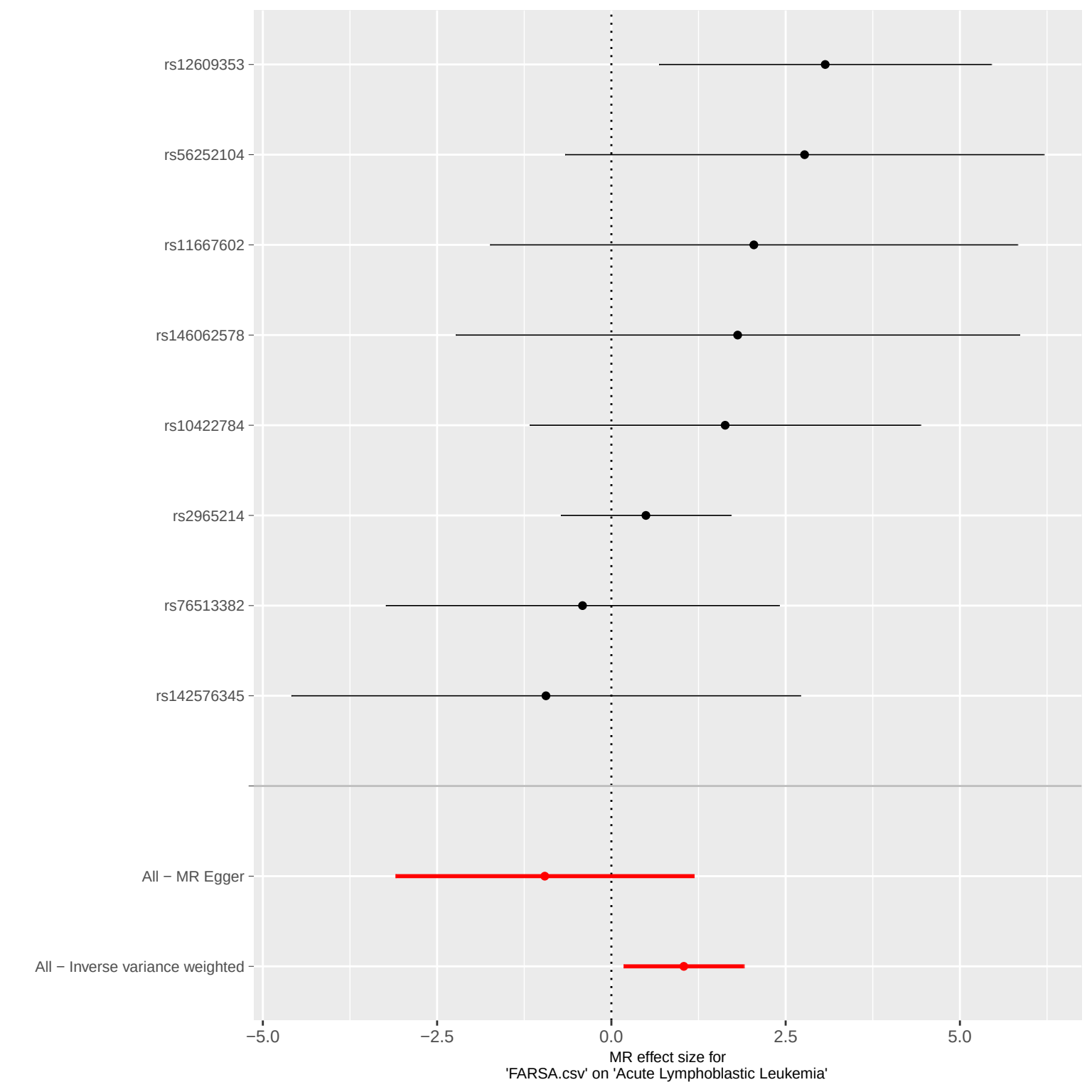
rs9517297
rs74668414
rs72652239
rs12463
rs7981741
rs9582232
rs117911332
rs12857968
rs79507189
rs181514937
rs72652241
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'FARP1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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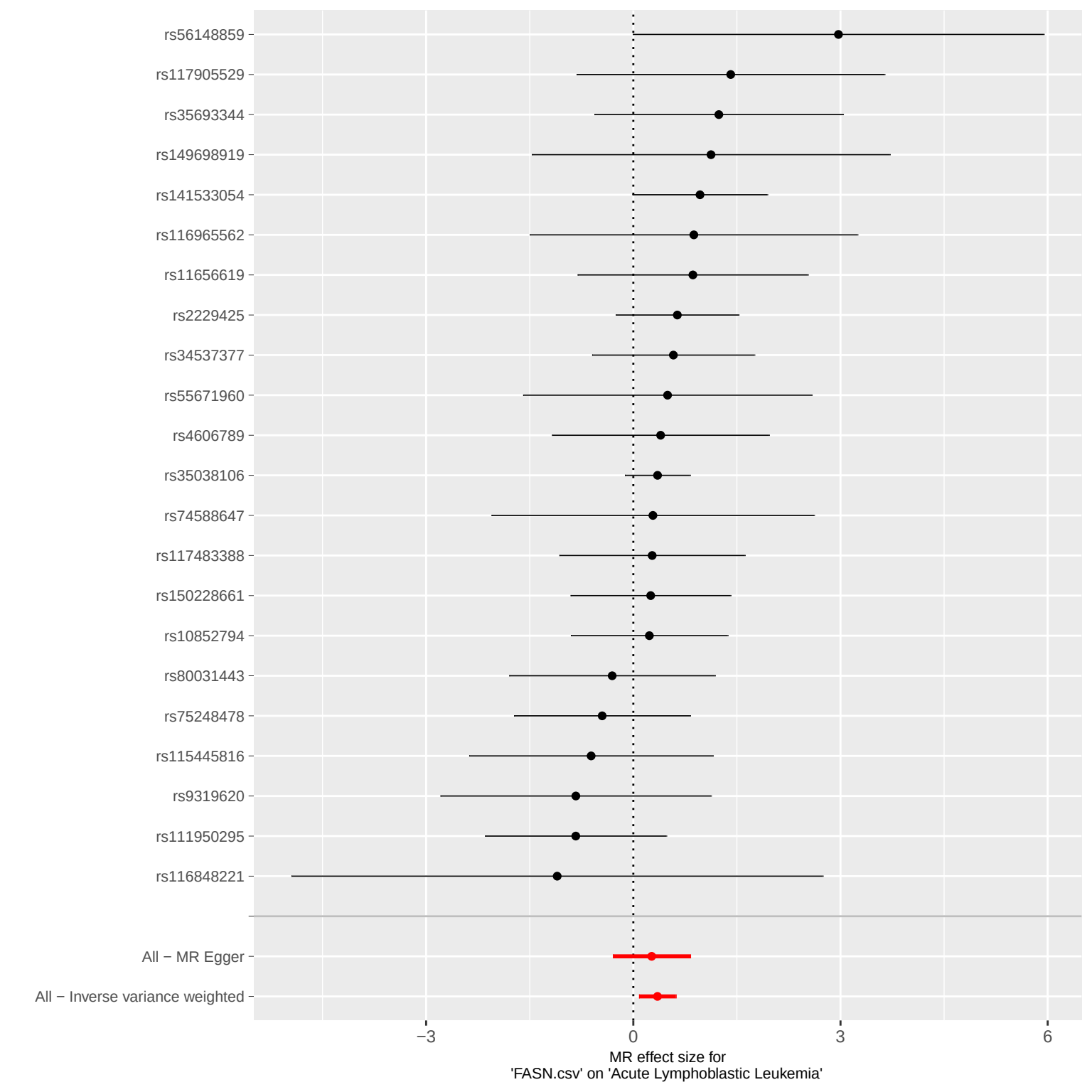
−2.5
0.0
2.5
5.0
MR effect size for
'FARSA.csv' on 'Acute Lymphoblastic Leukemia'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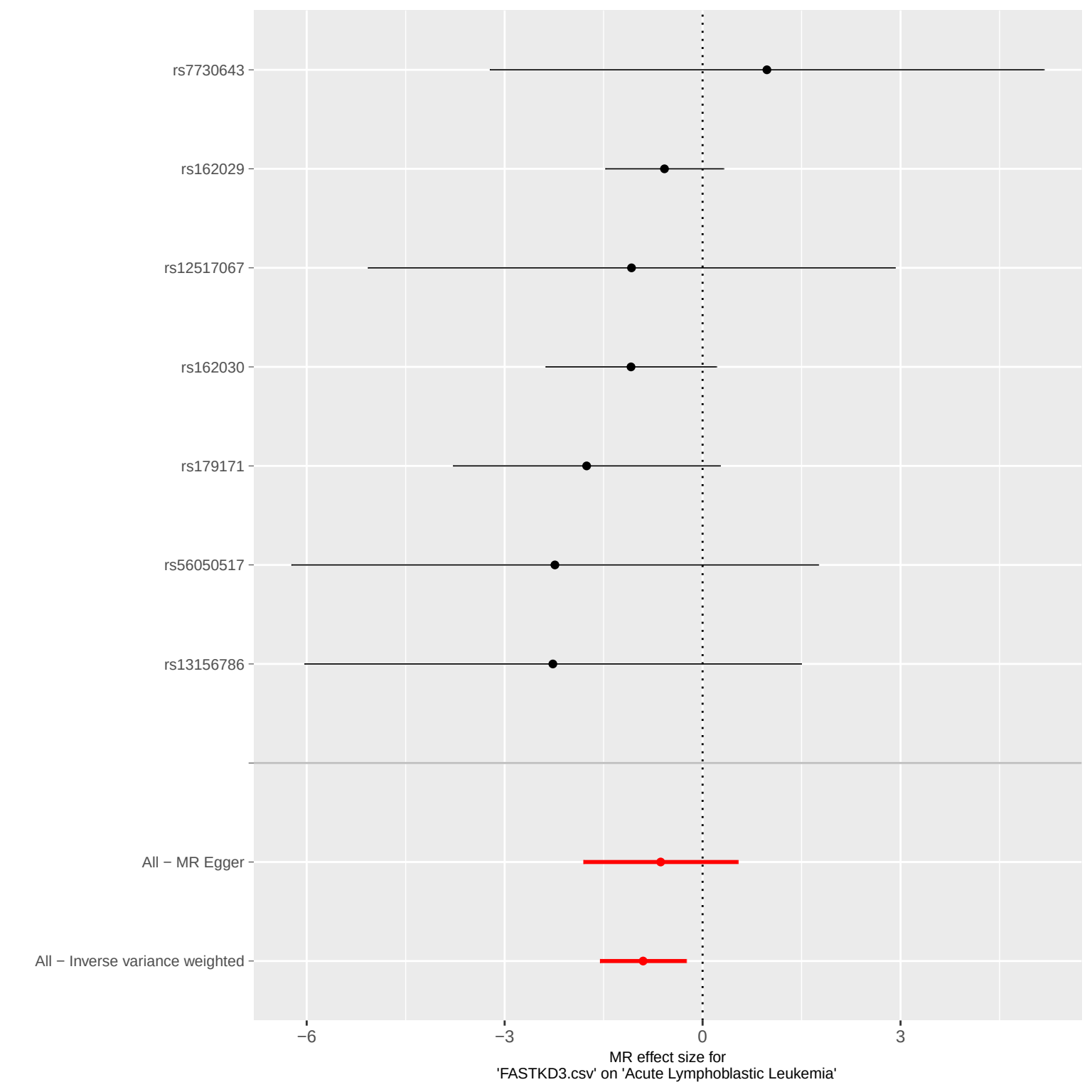
rs55671960
rs4606789
rs35038106
rs74588647
rs117483388
rs150228661
rs10852794
rs80031443
rs75248478
rs115445816
rs9319620
rs111950295
rs116848221
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'FASN.csv' on 'Acute Lymphoblastic Leukemia'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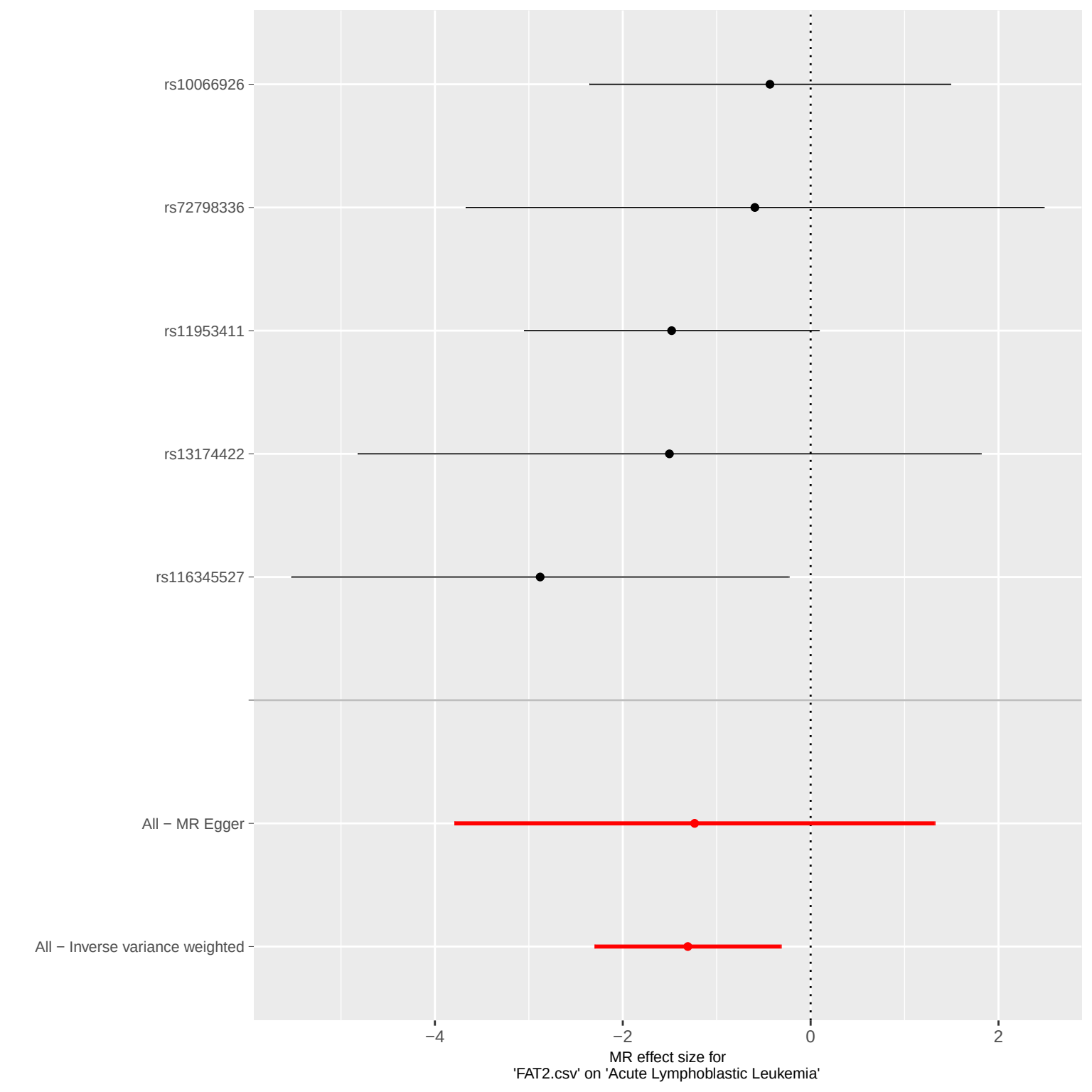
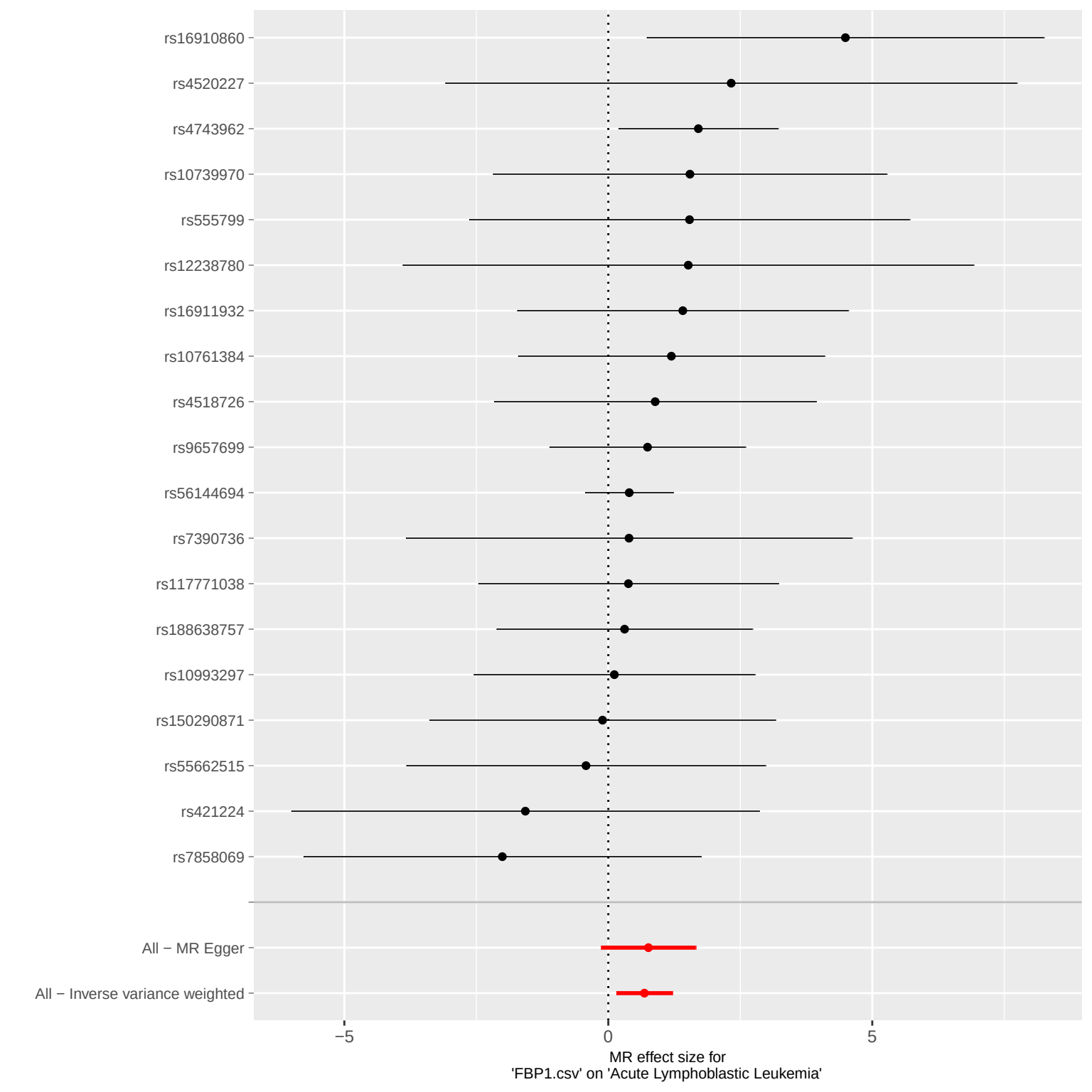
rs162029
rs12517067
rs162030
rs179171
rs56050517
rs13156786
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'FASTKD3.csv' on 'Acute Lymphoblastic Leukemia'


rs10066926
rs72798336
rs11953411
rs13174422
rs116345527
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAT2.csv' on 'Acute Lymphoblastic Leukemia'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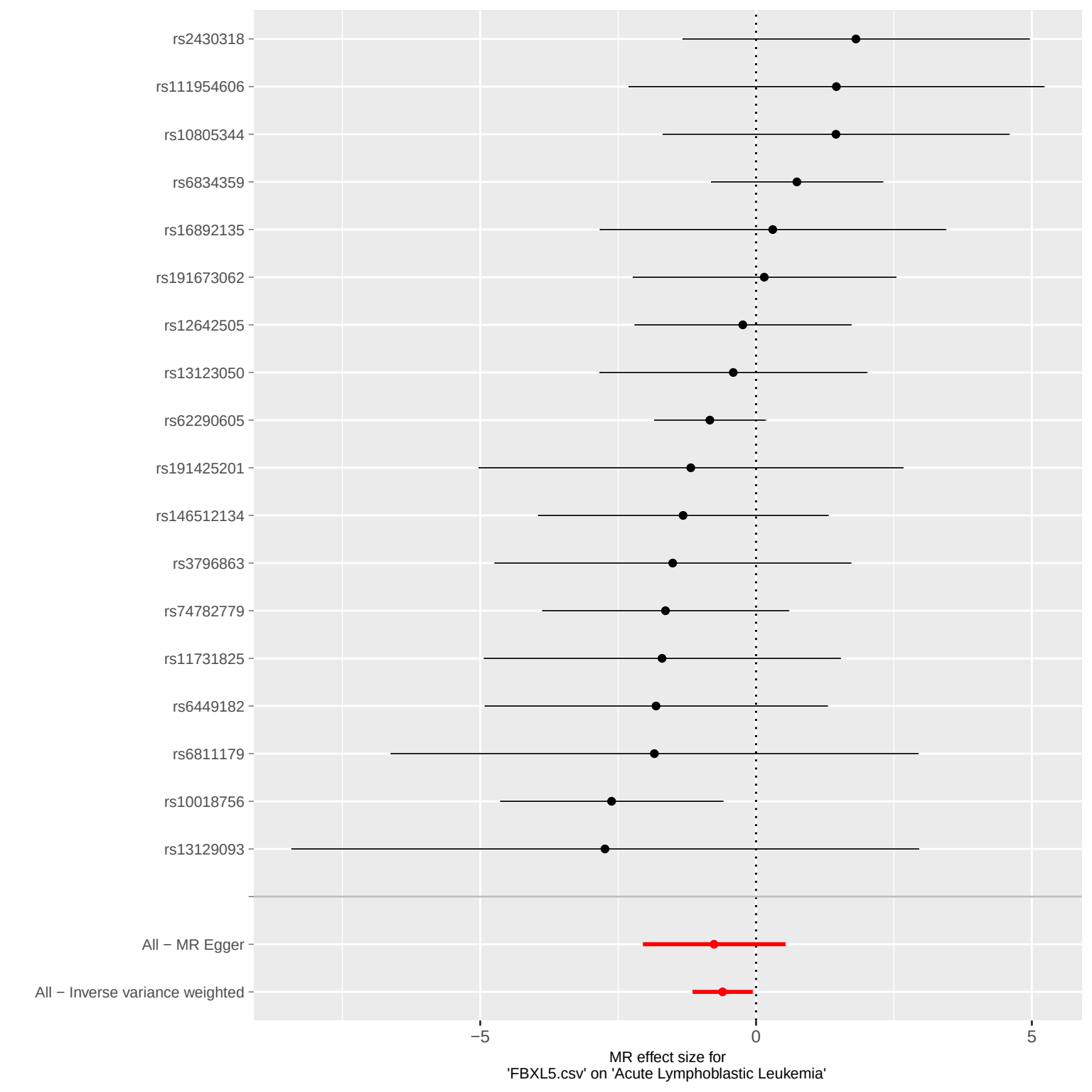
rs7390736
rs117771038
rs188638757
rs10993297
rs150290871
rs55662515
rs421224
rs7858069
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'FBP1.csv' on 'Acute Lymphoblastic Leukemia'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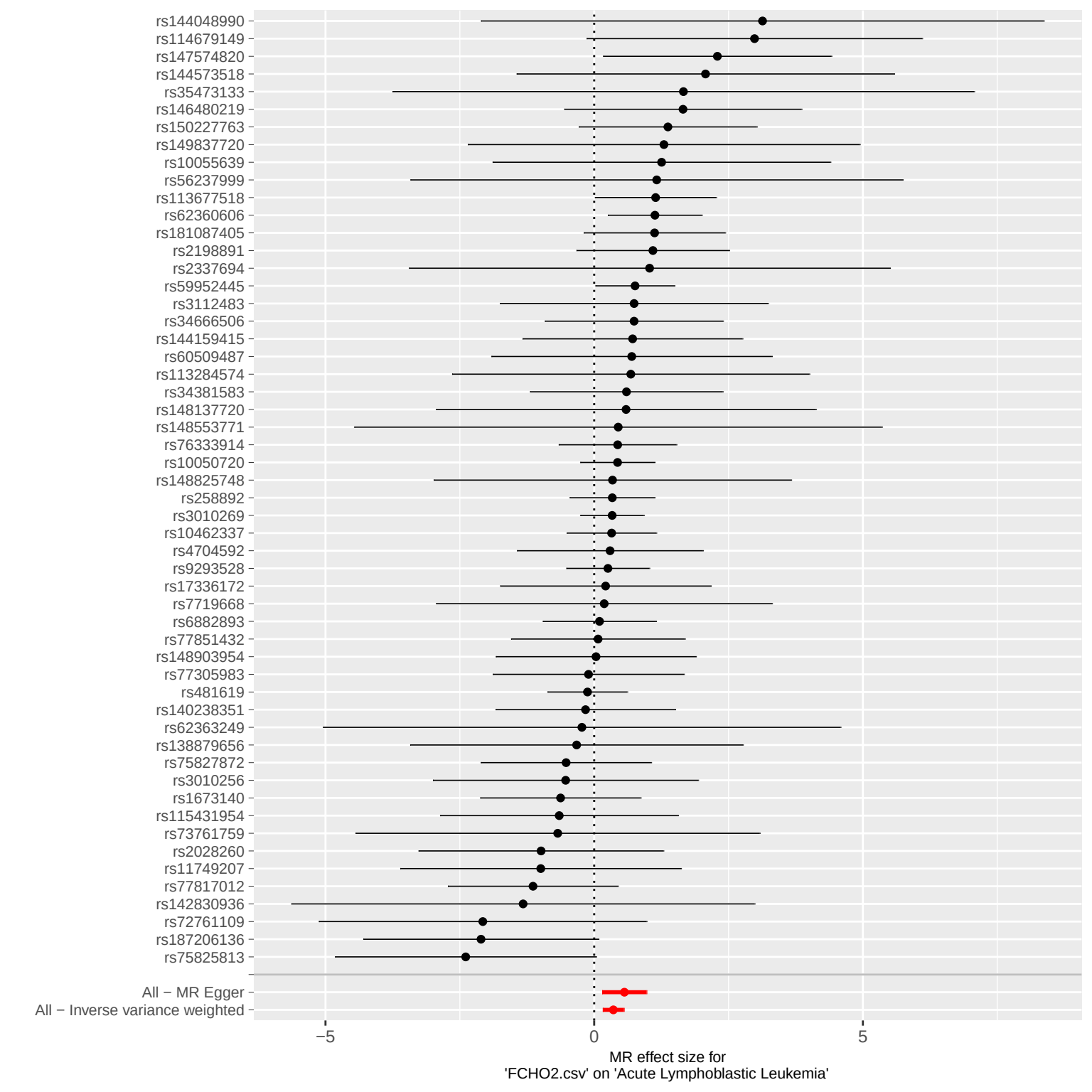
rs191673062
rs12642505
rs13123050
rs62290605
rs191425201
rs146512134
rs3796863
rs74782779
rs11731825
rs6449182
rs6811179
rs10018756
rs13129093
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'FBXL5.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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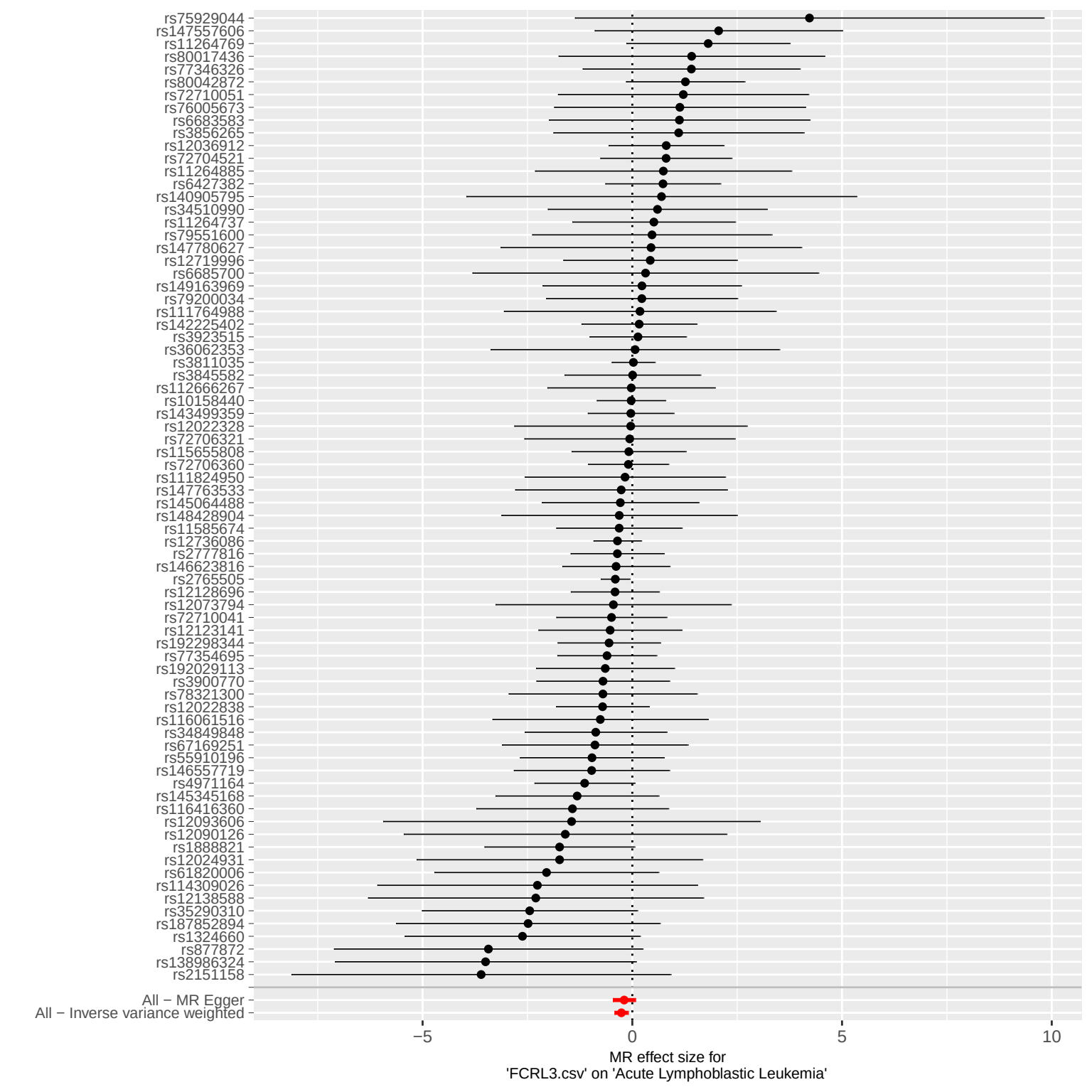
MR effect size for
'FCHO2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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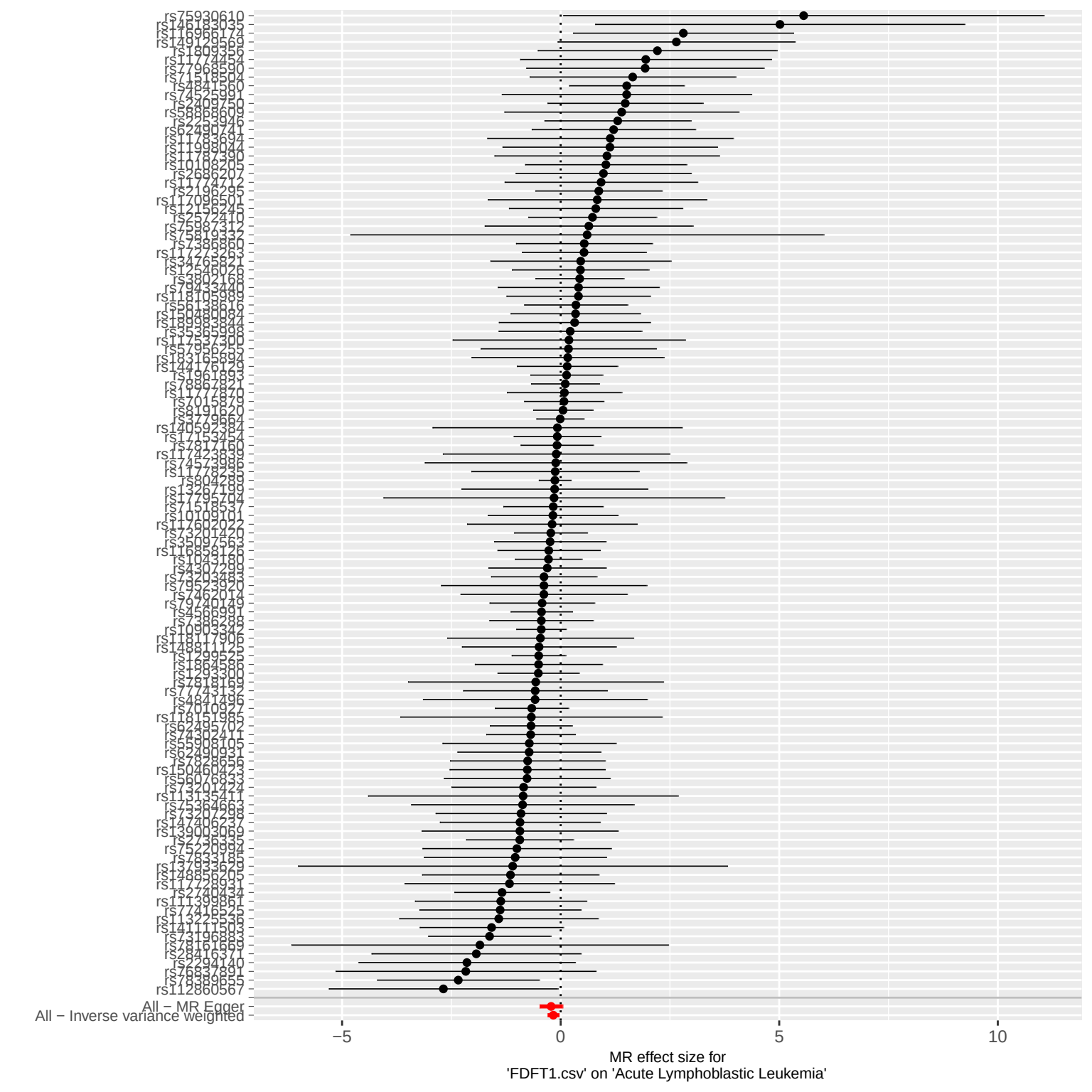
MR effect size for
'FCRL3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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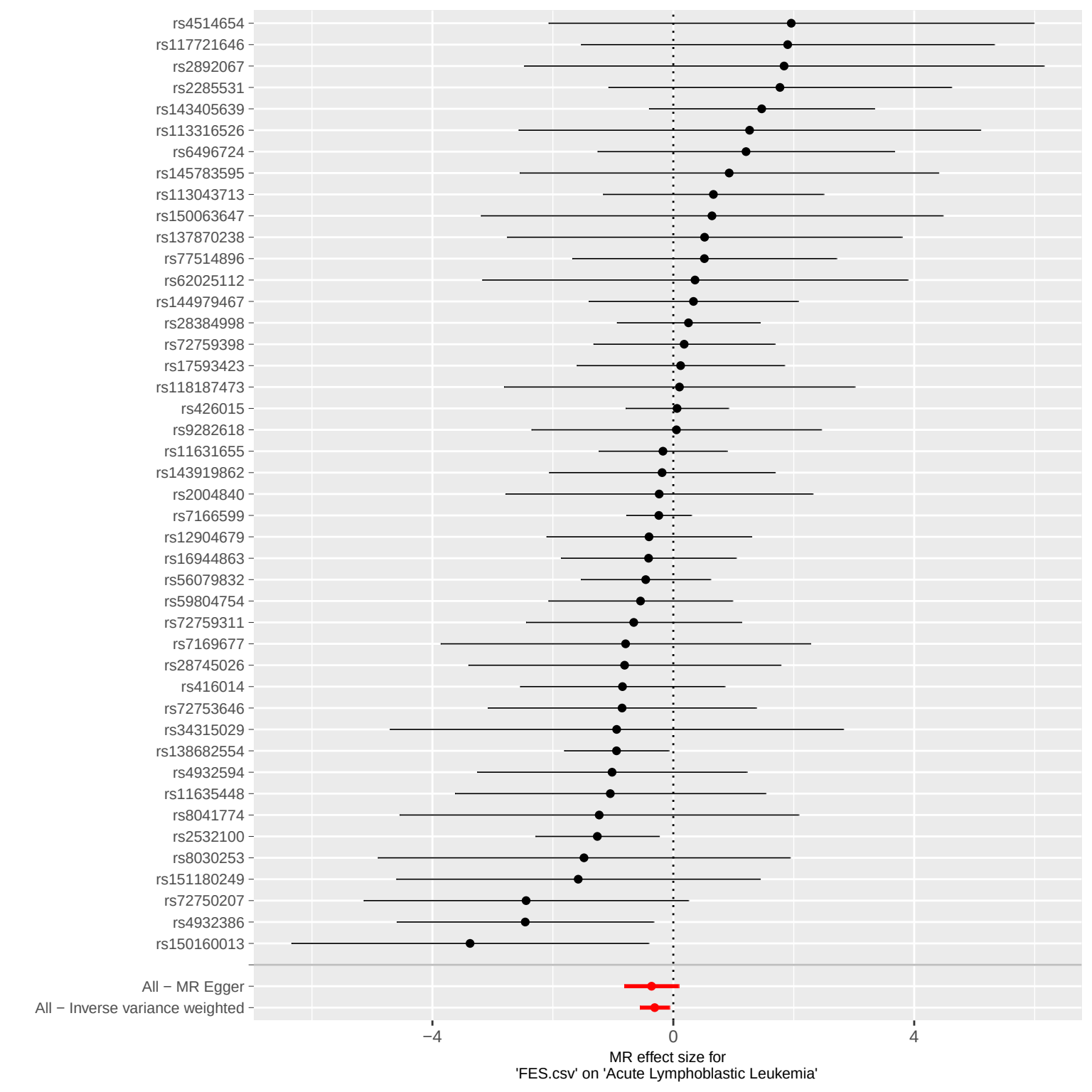
MR effect size for
'FDFT1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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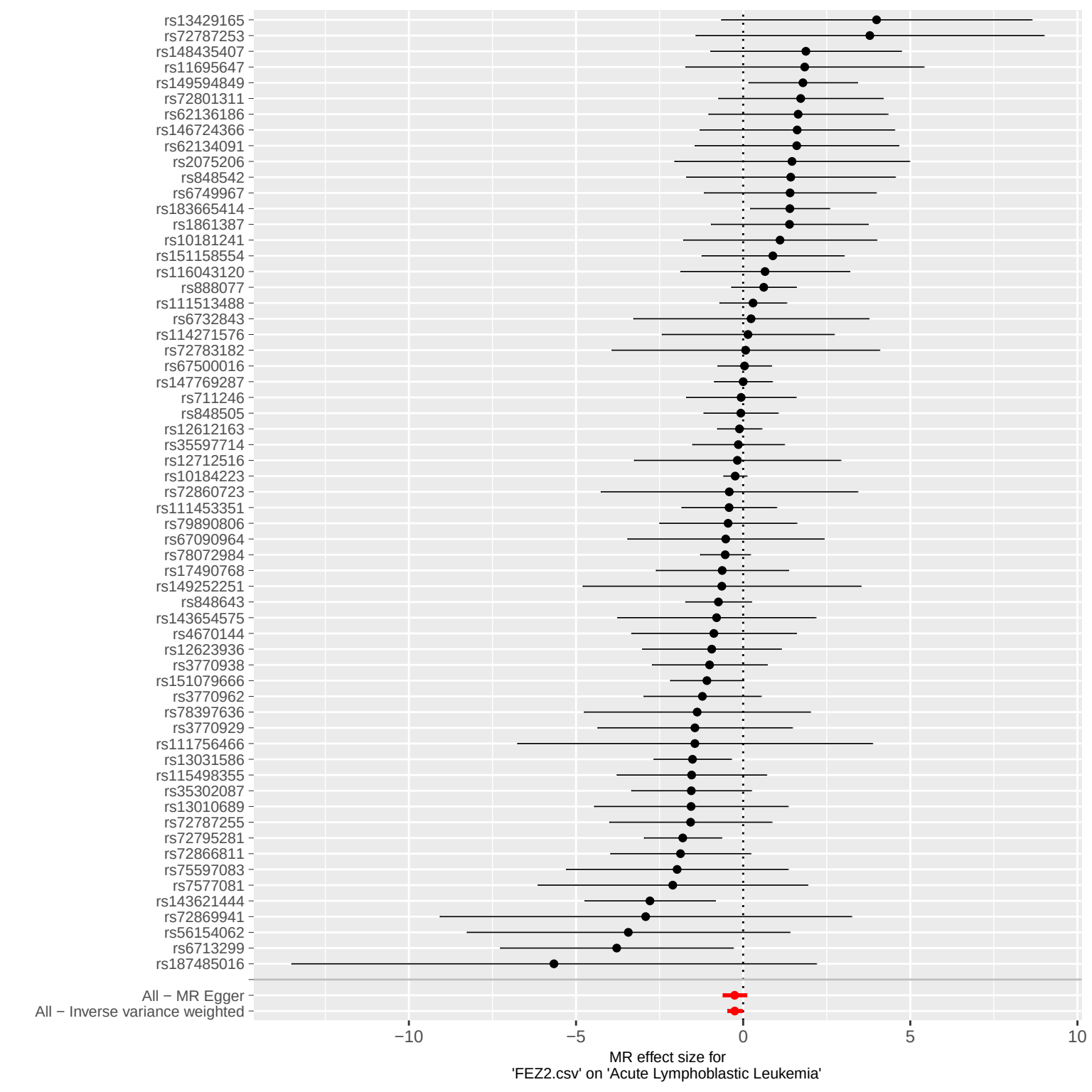
MR effect size for
'FES.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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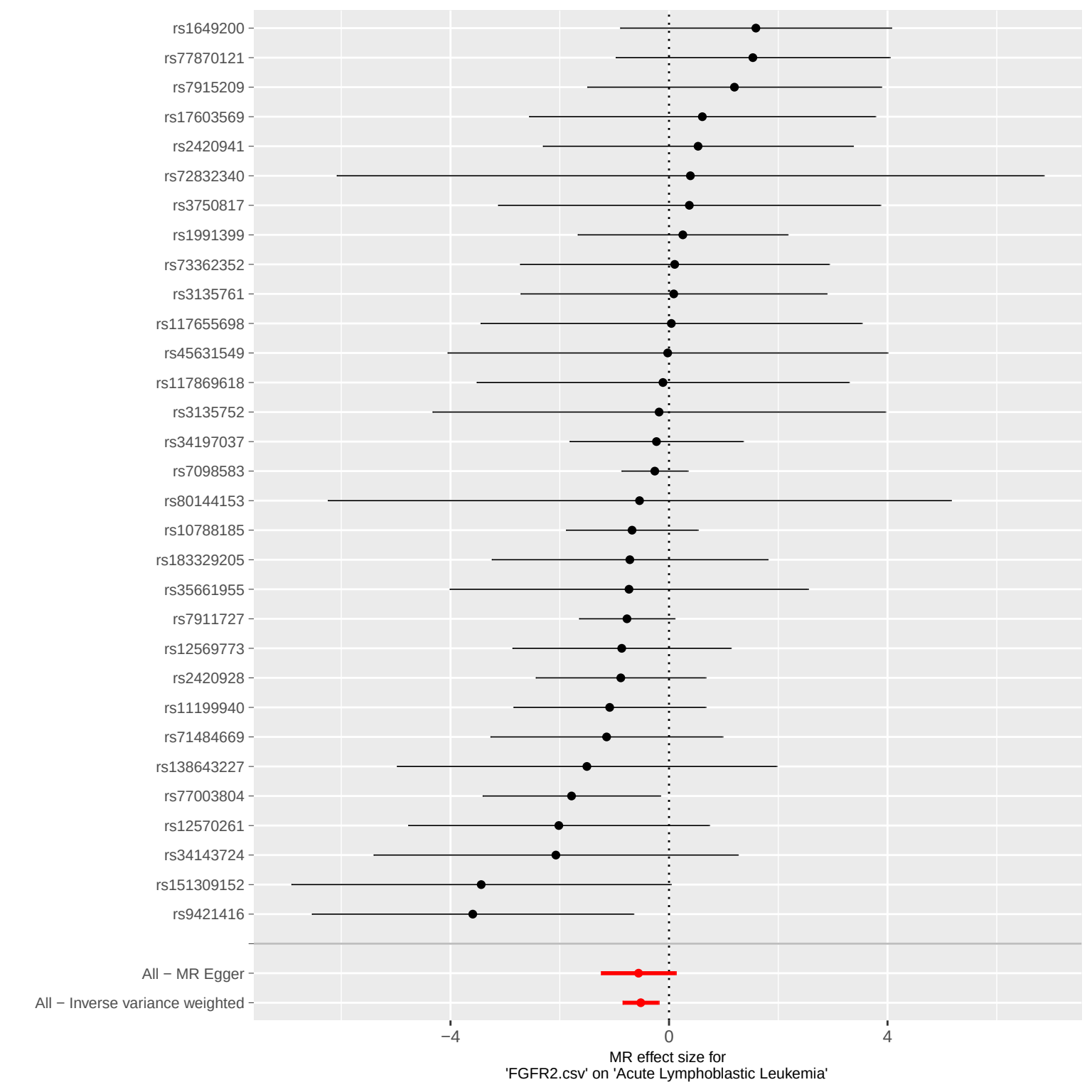
MR effect size for
'FEZ2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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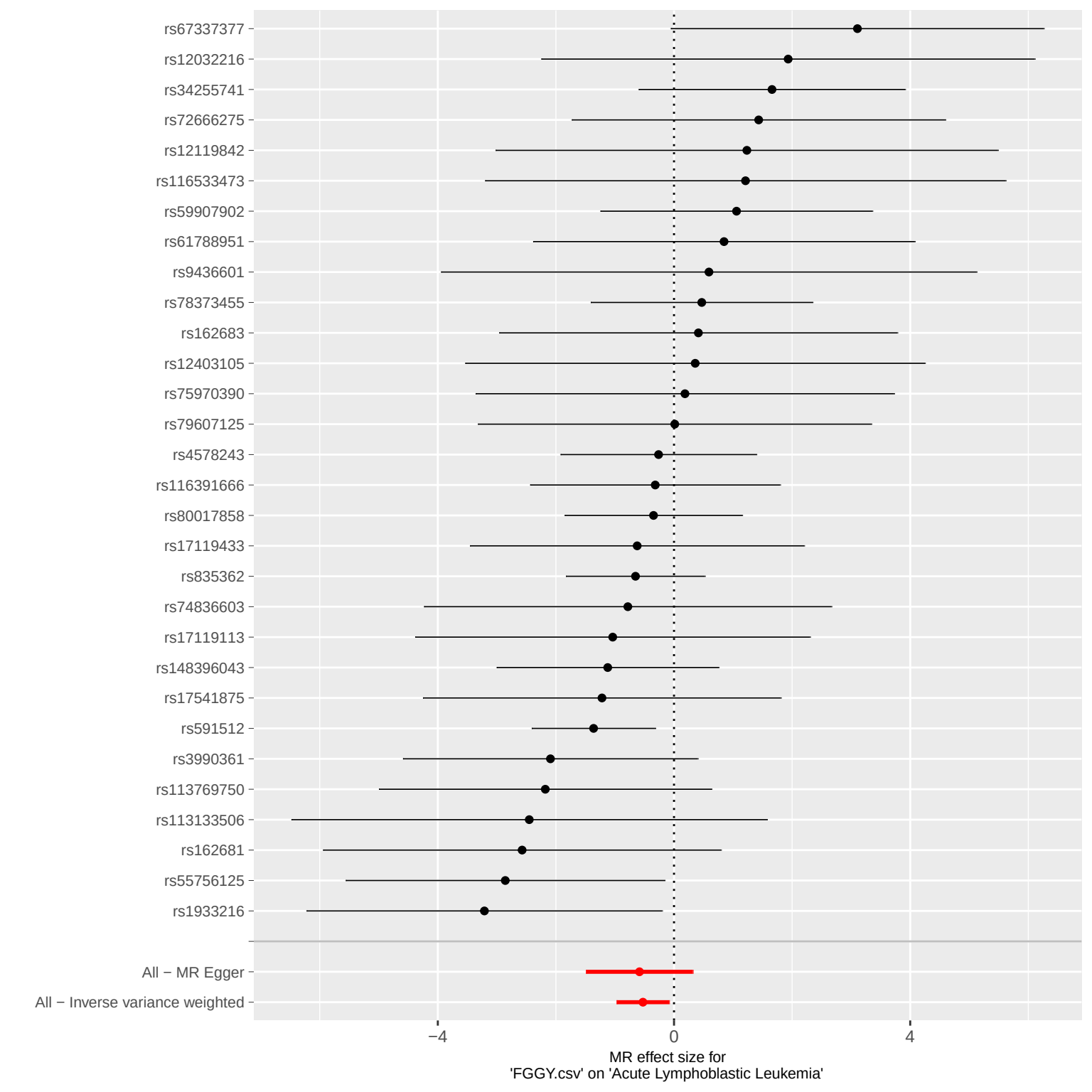
MR effect size for
'FGFR2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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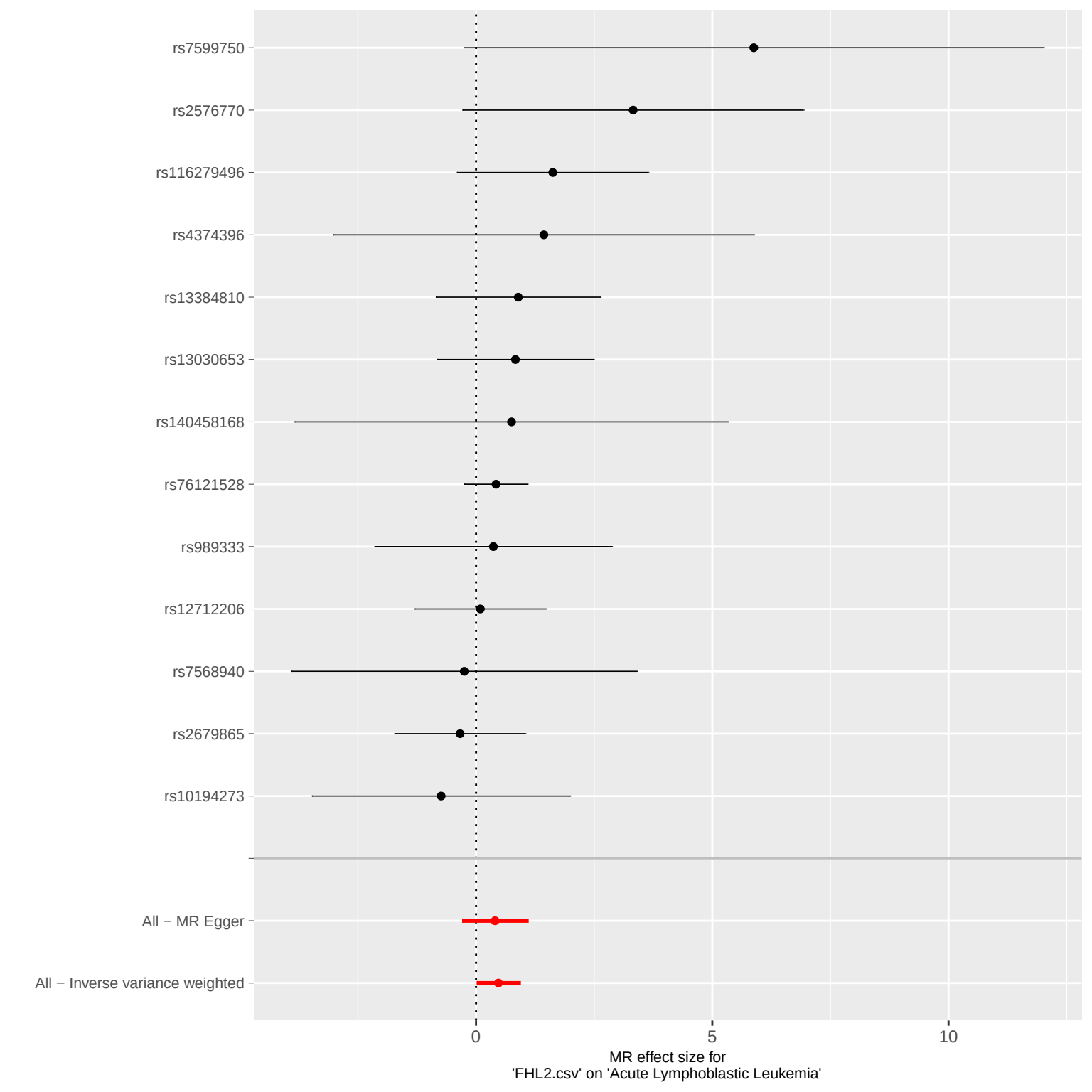
MR effect size for
'FGGY.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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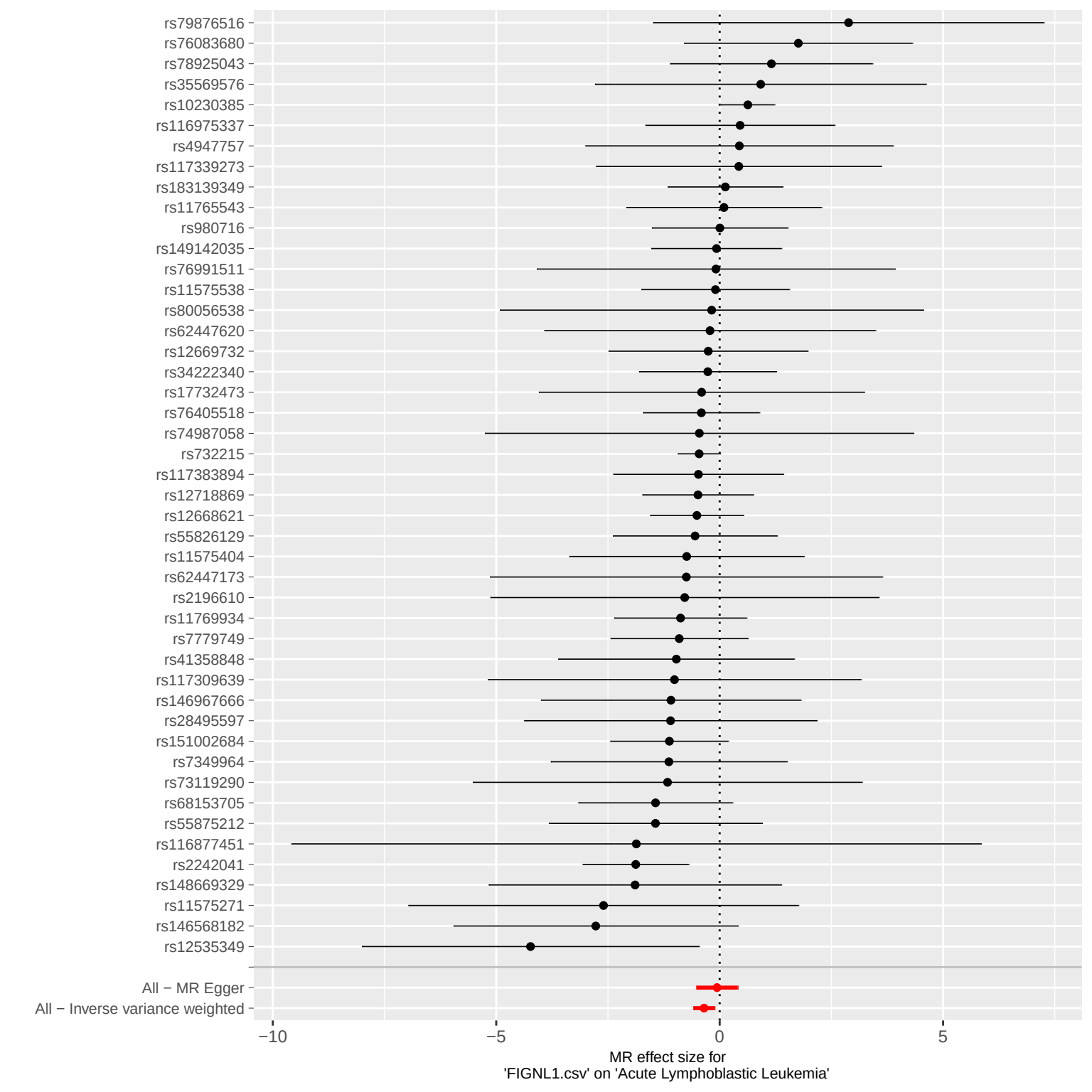
MR effect size for
'FHL2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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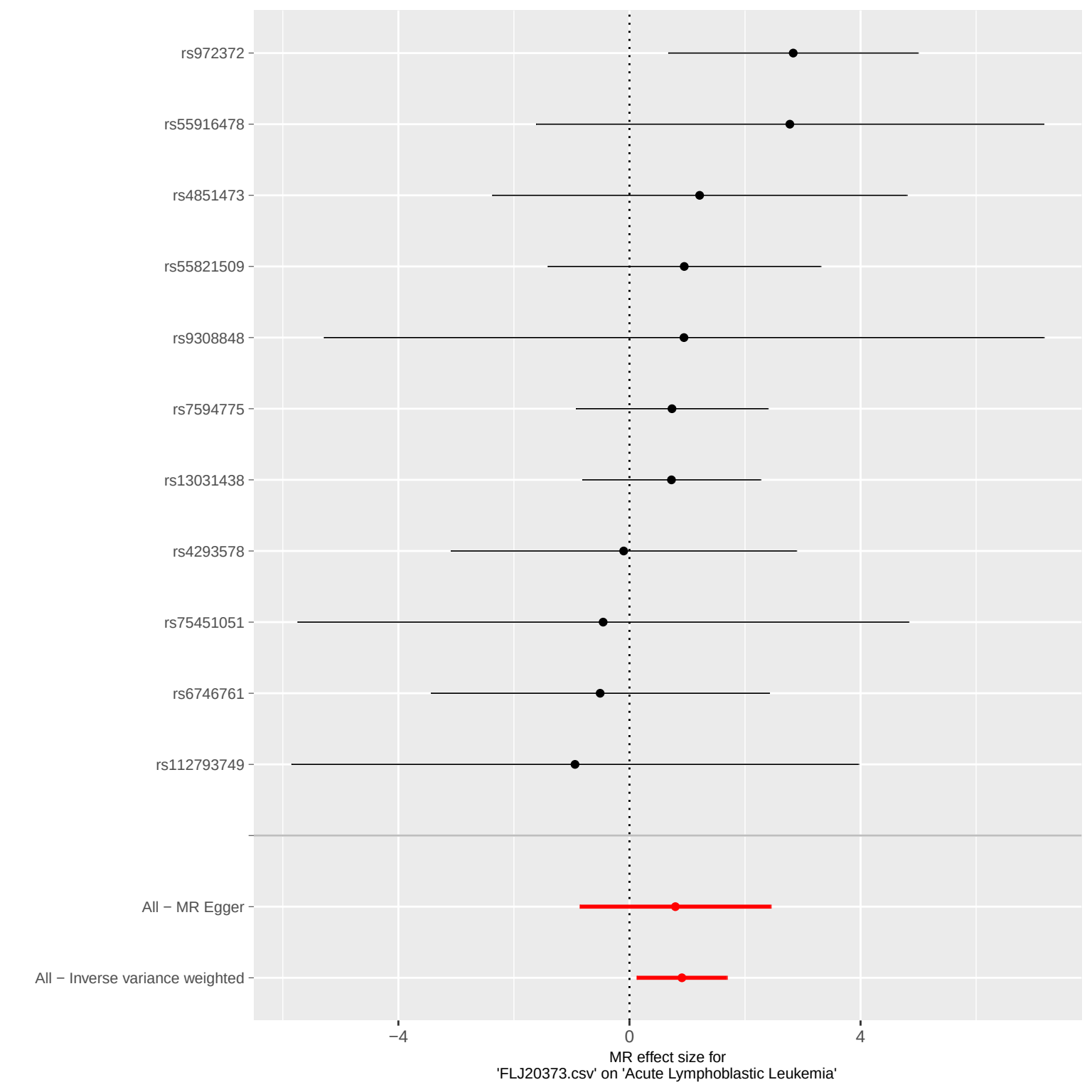
MR effect size for
'FIGNL1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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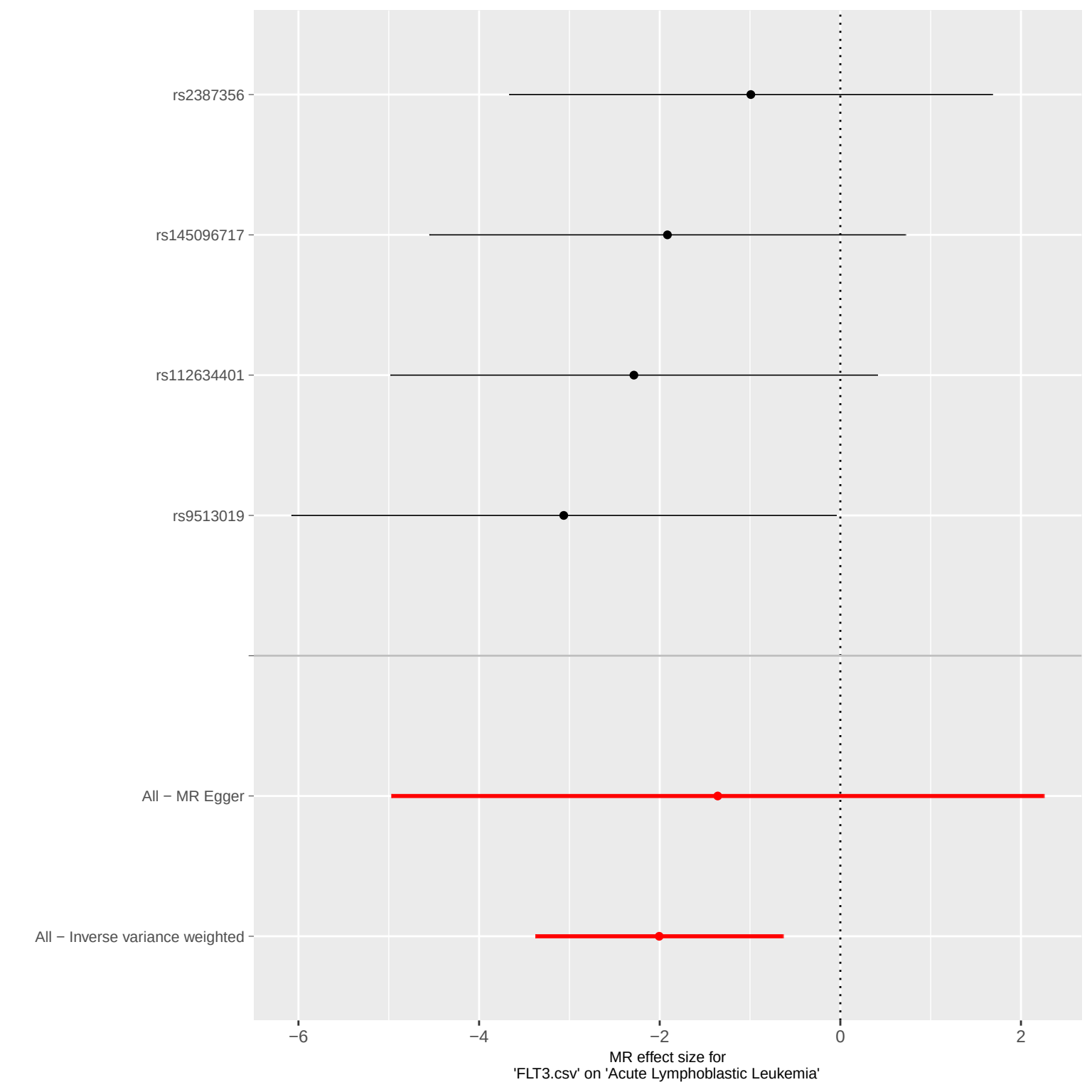
MR effect size for
'FLJ20373.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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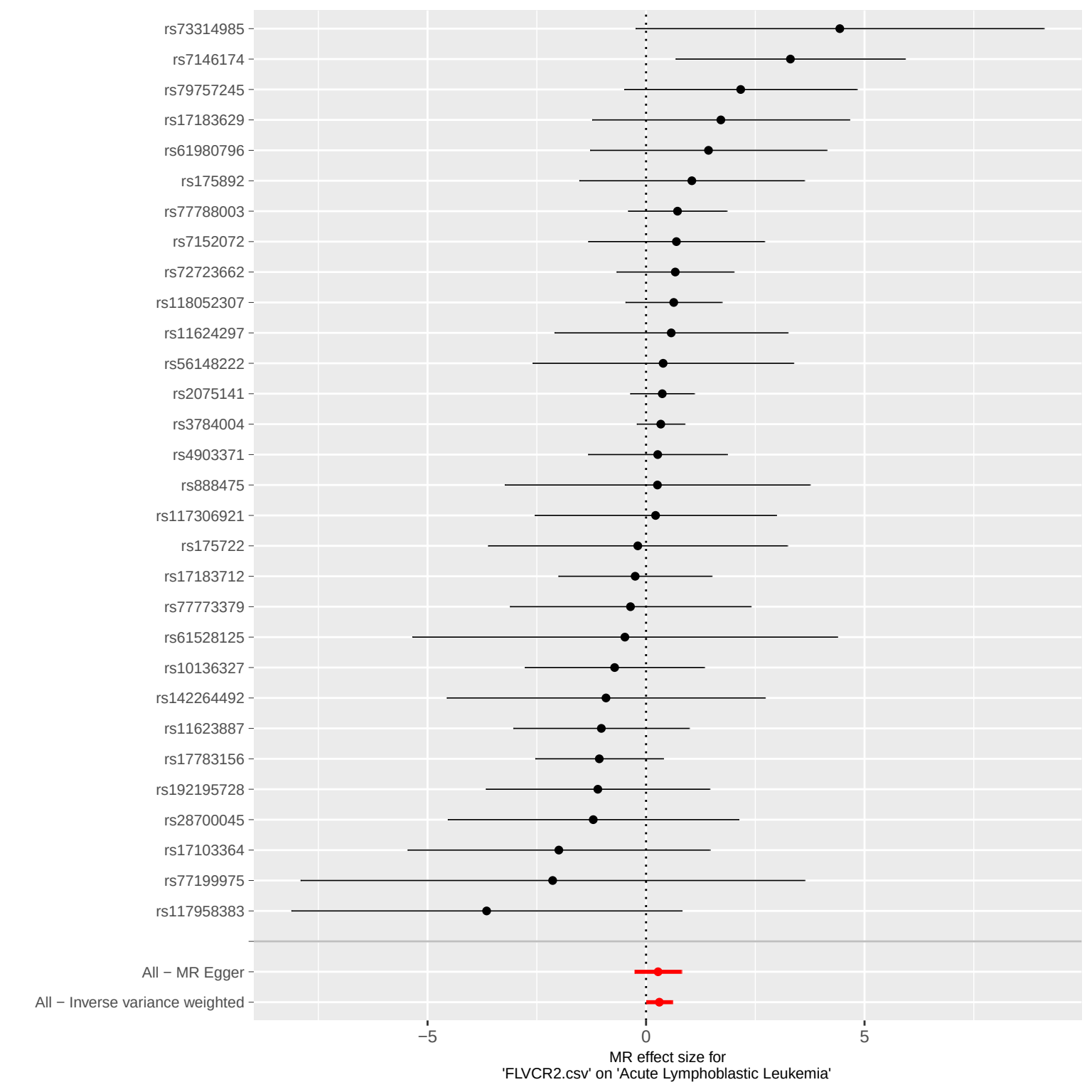
MR effect size for
'FLT3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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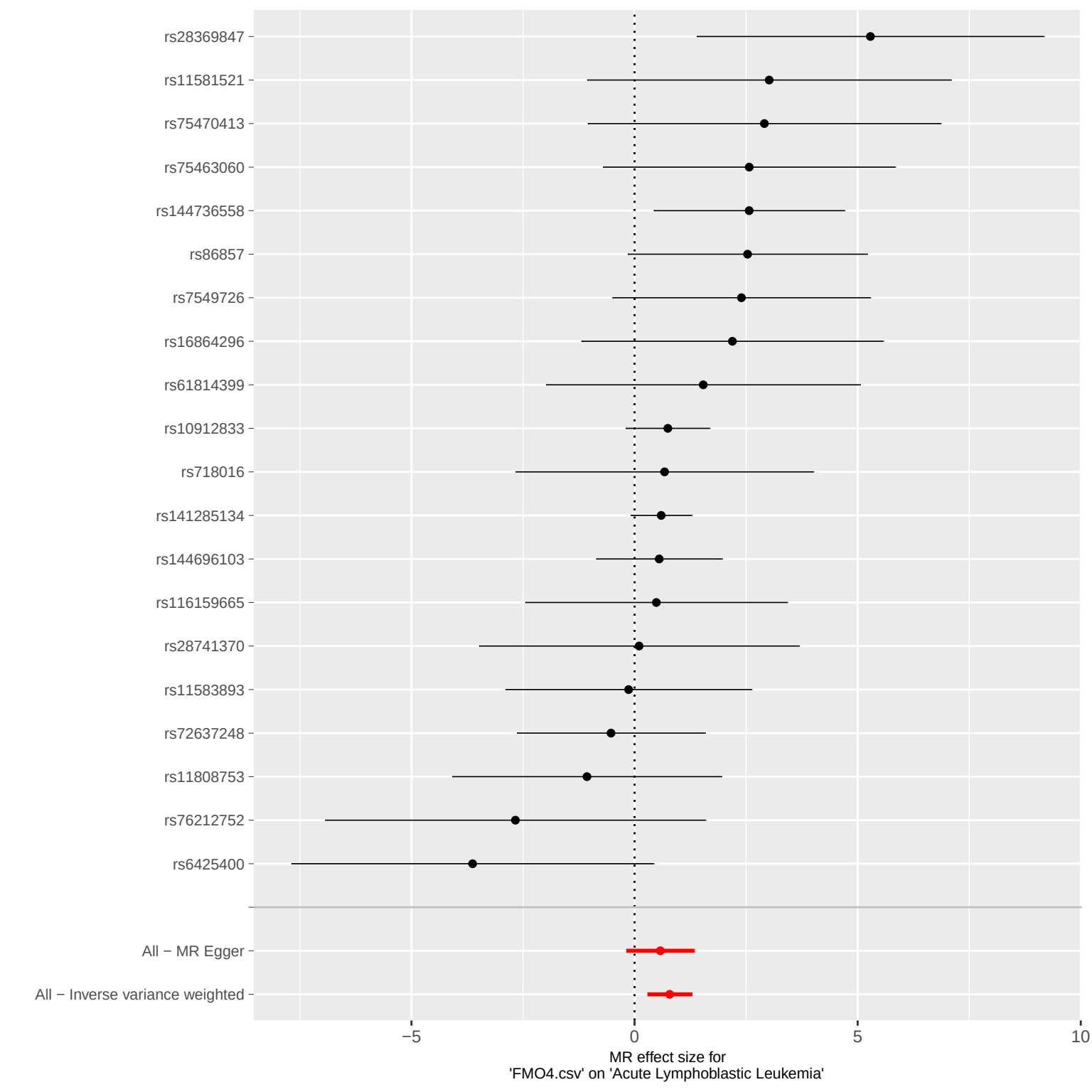
MR effect size for
'FLVCR2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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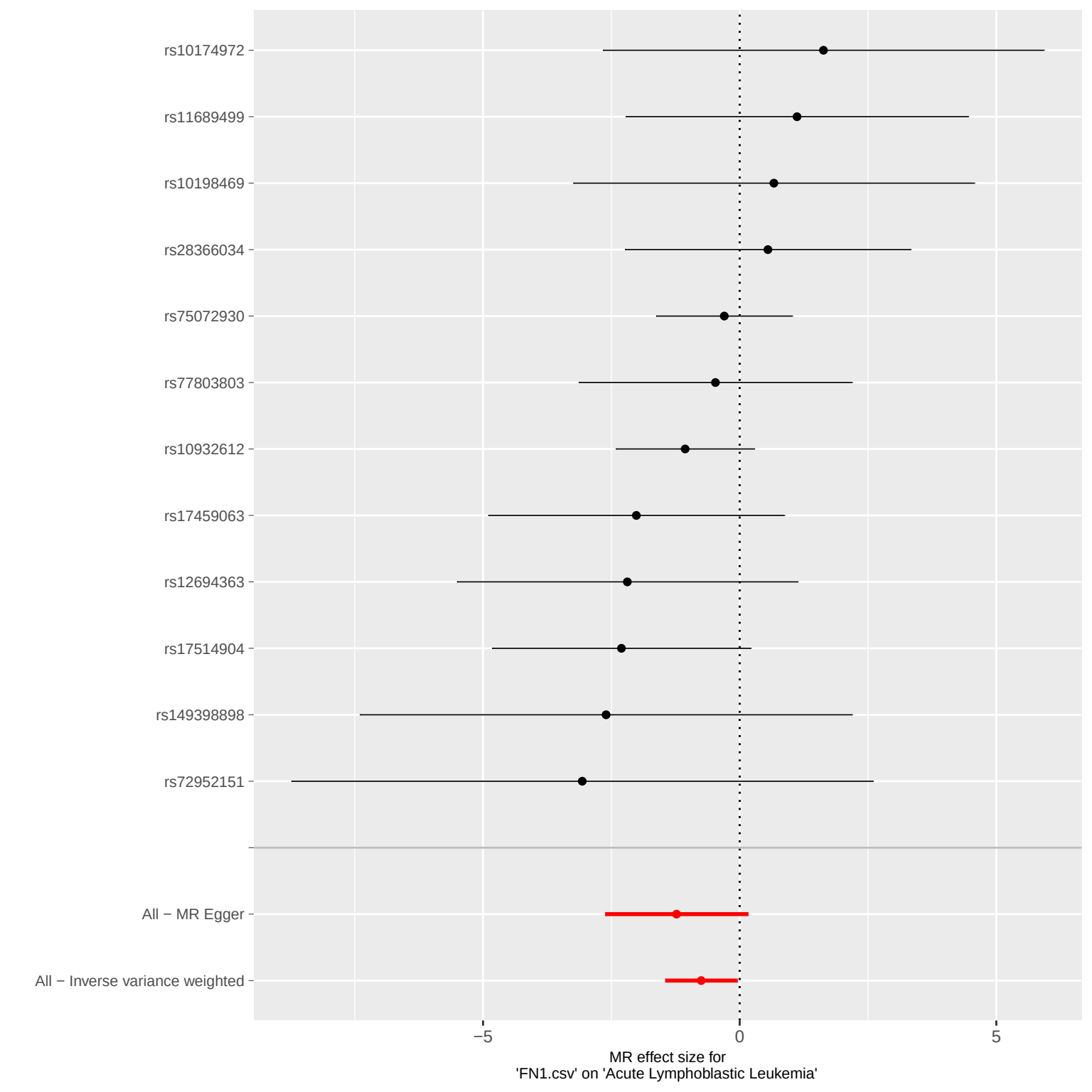
MR effect size for
'FMO4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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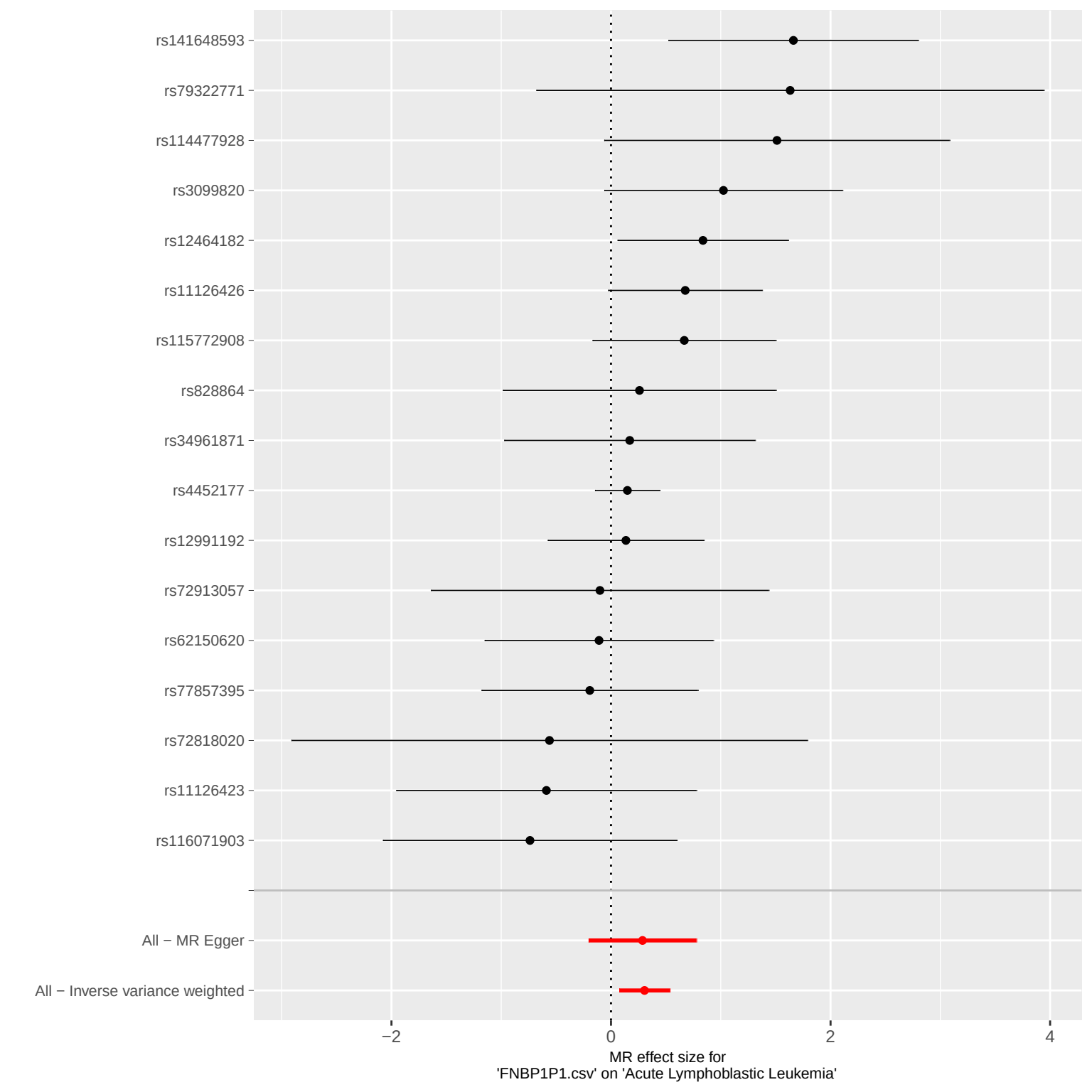
MR effect size for
'FN1.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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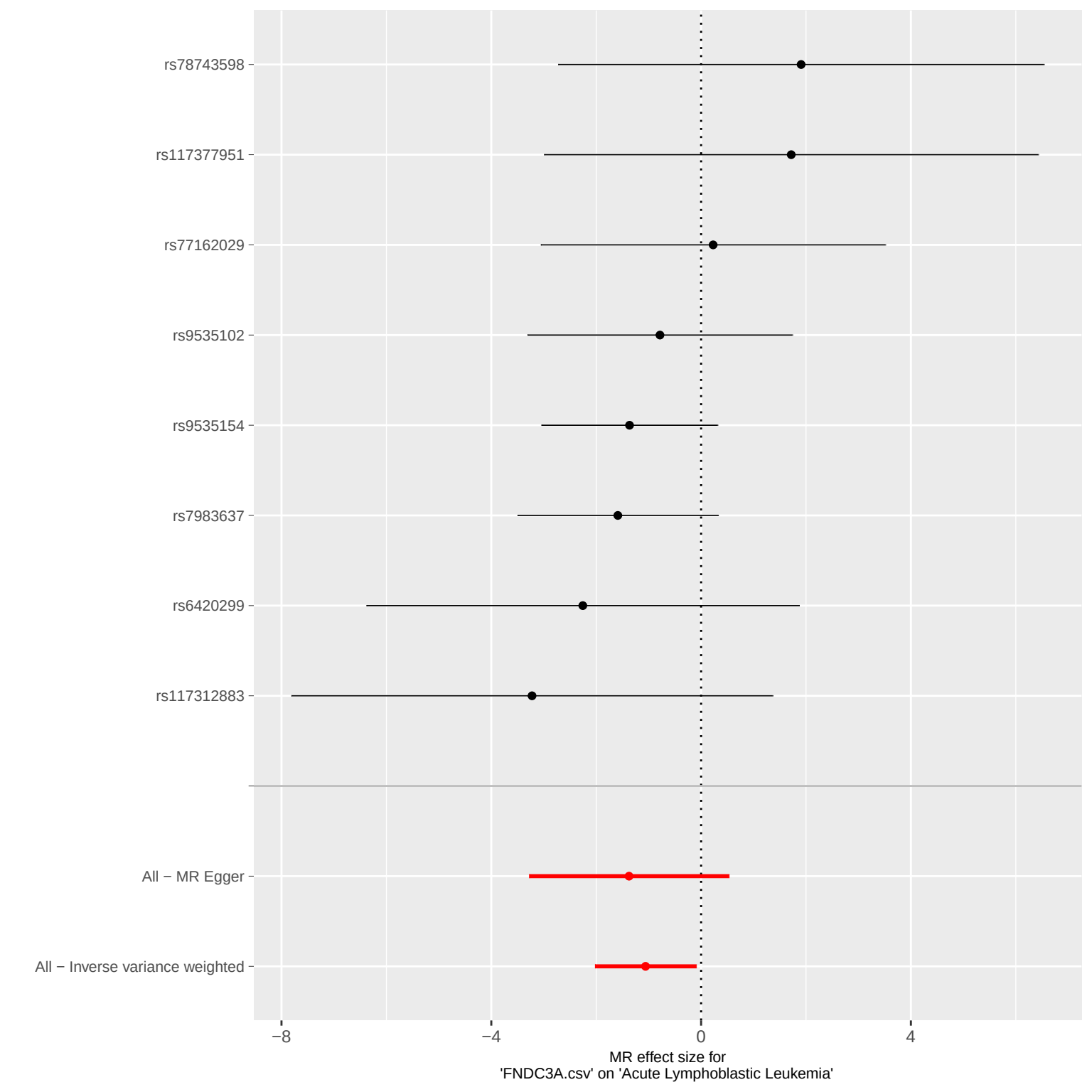
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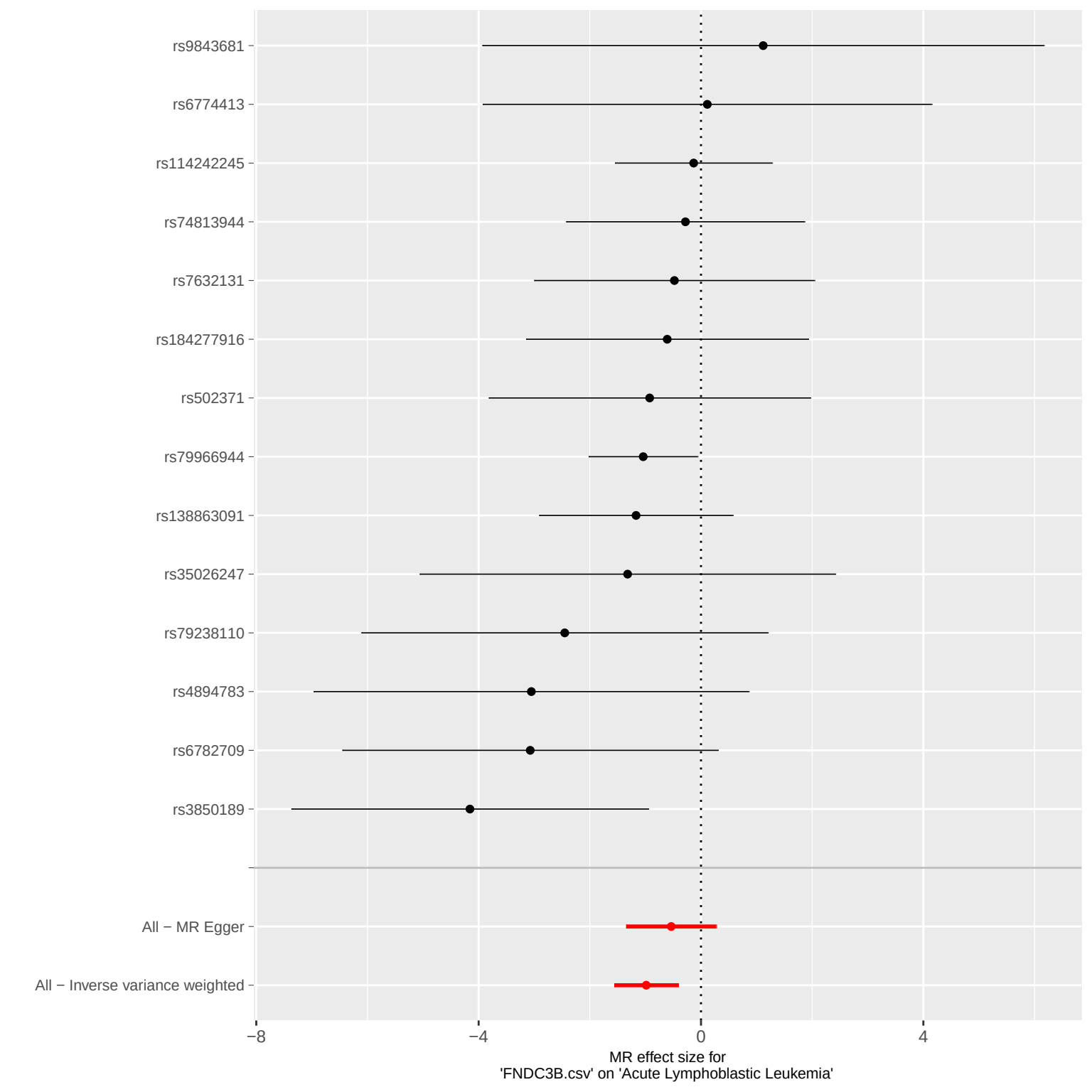
MR effect size for
'FNDC3A.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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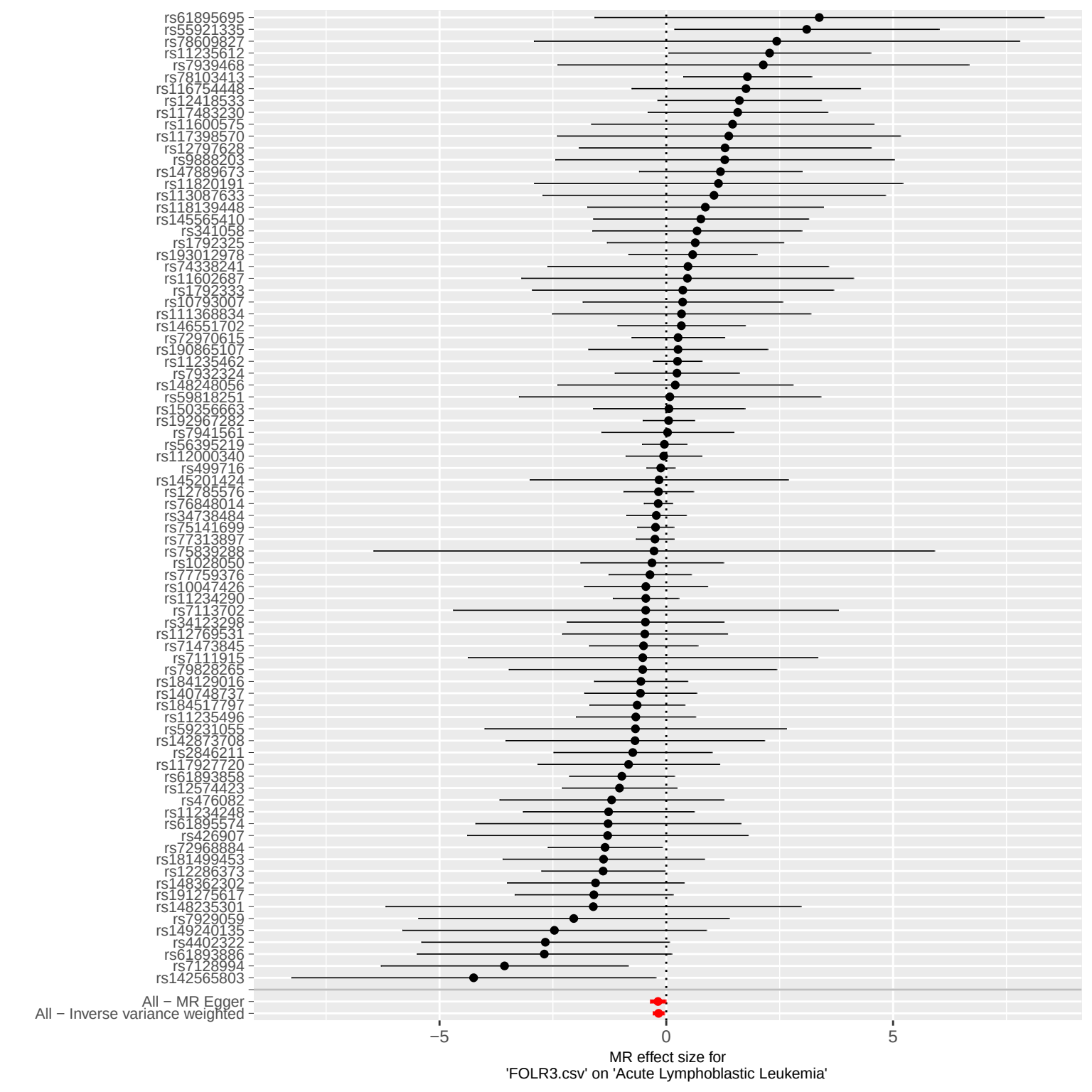
MR effect size for
'FNDC3B.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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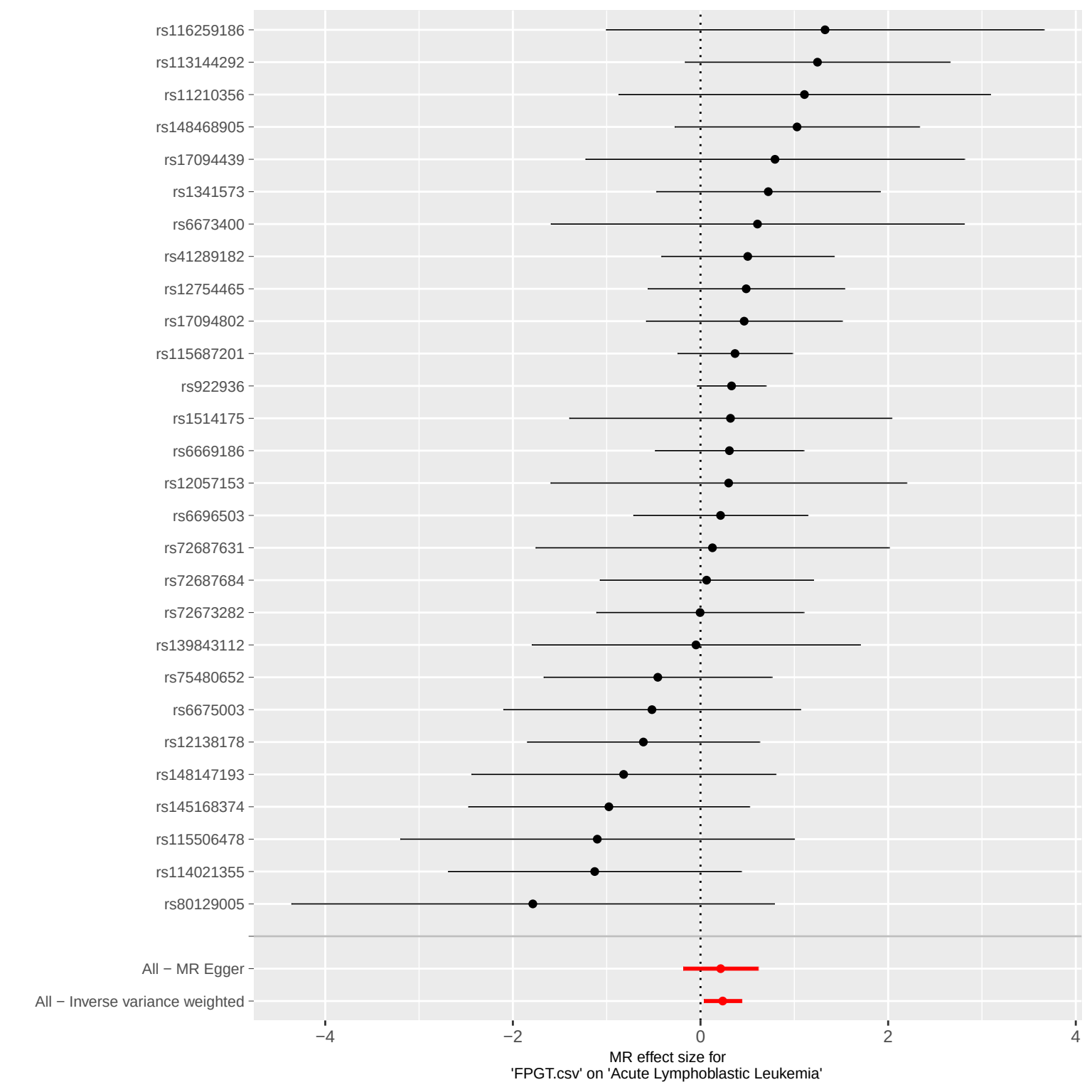
MR effect size for
'FOLR3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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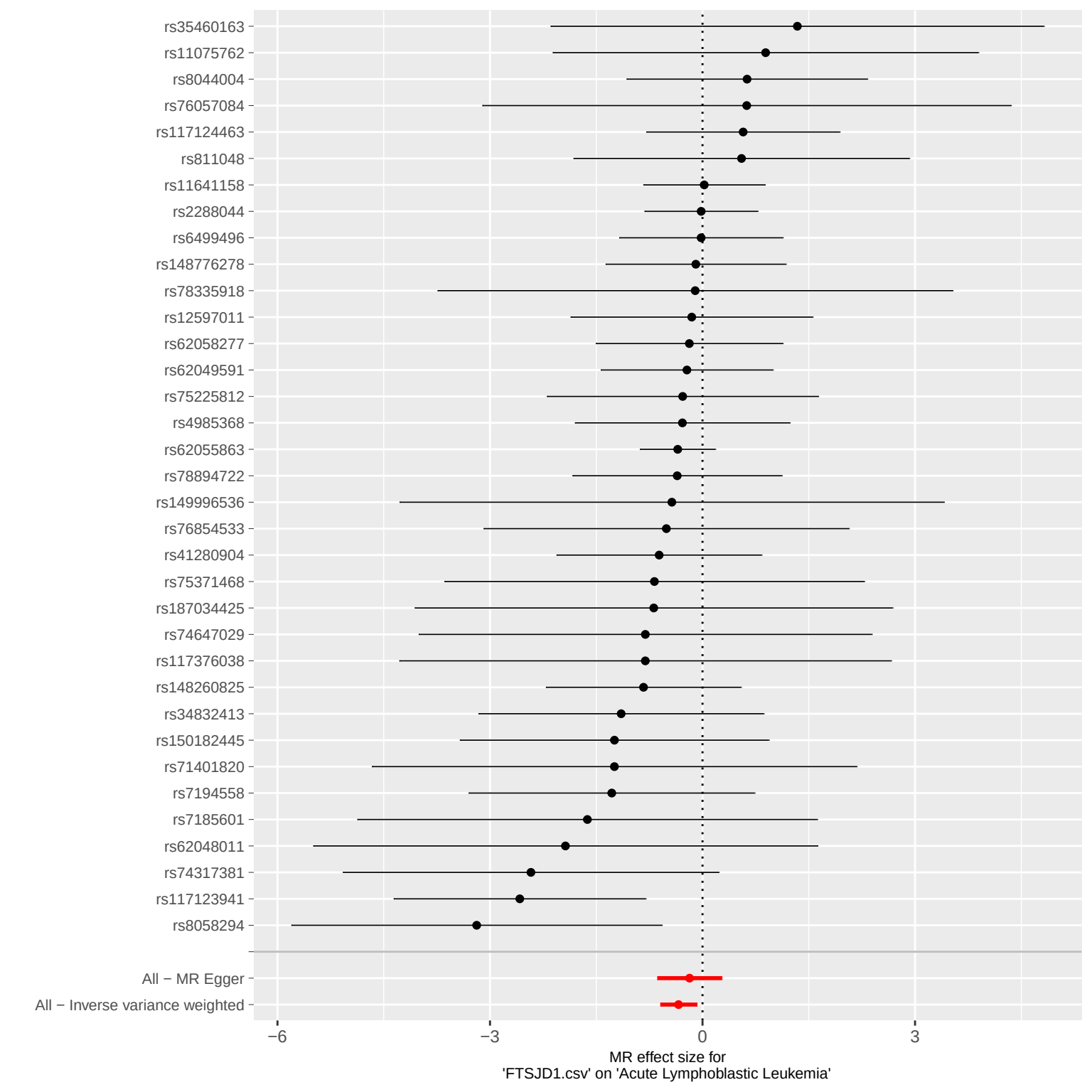
MR effect size for
'FPGT.csv' on 'Acute Lymphoblastic Leukemia'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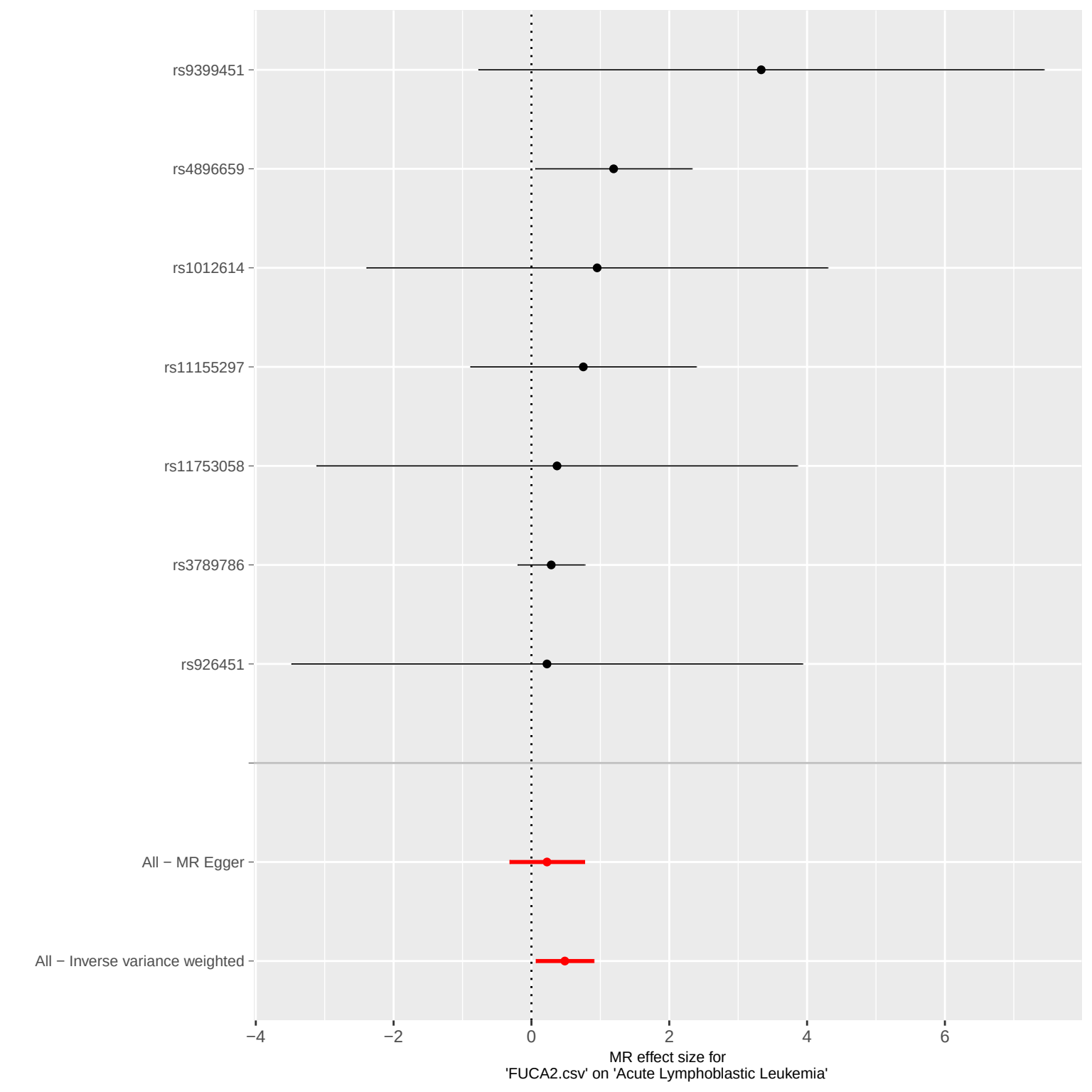
MR effect size for
'FTSJD1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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−2
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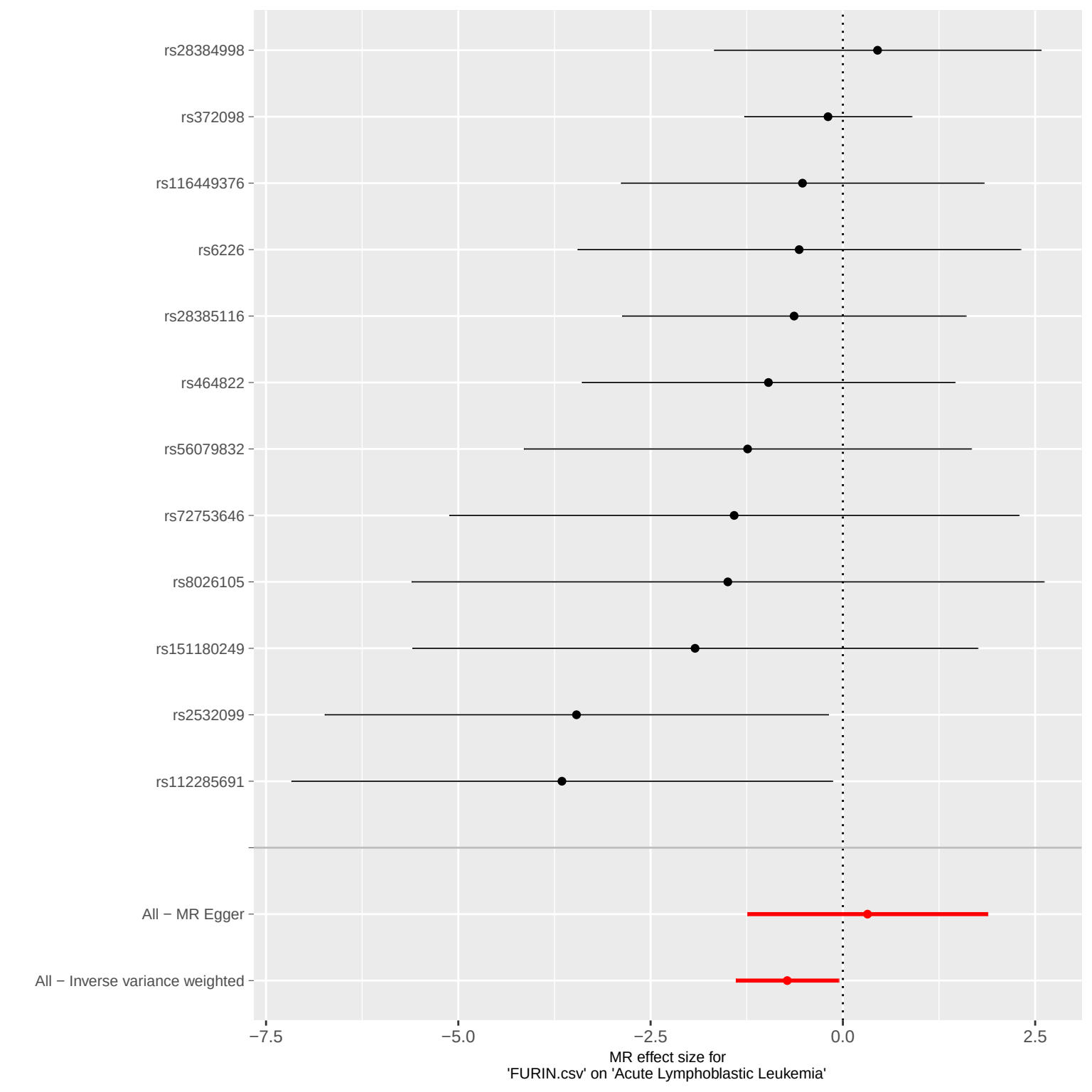
MR effect size for
'FUCA2.csv' on 'Acute Lymphoblastic Leukemia'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rs112285691
All − MR Egger
All − Inverse variance weighted
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−2.5
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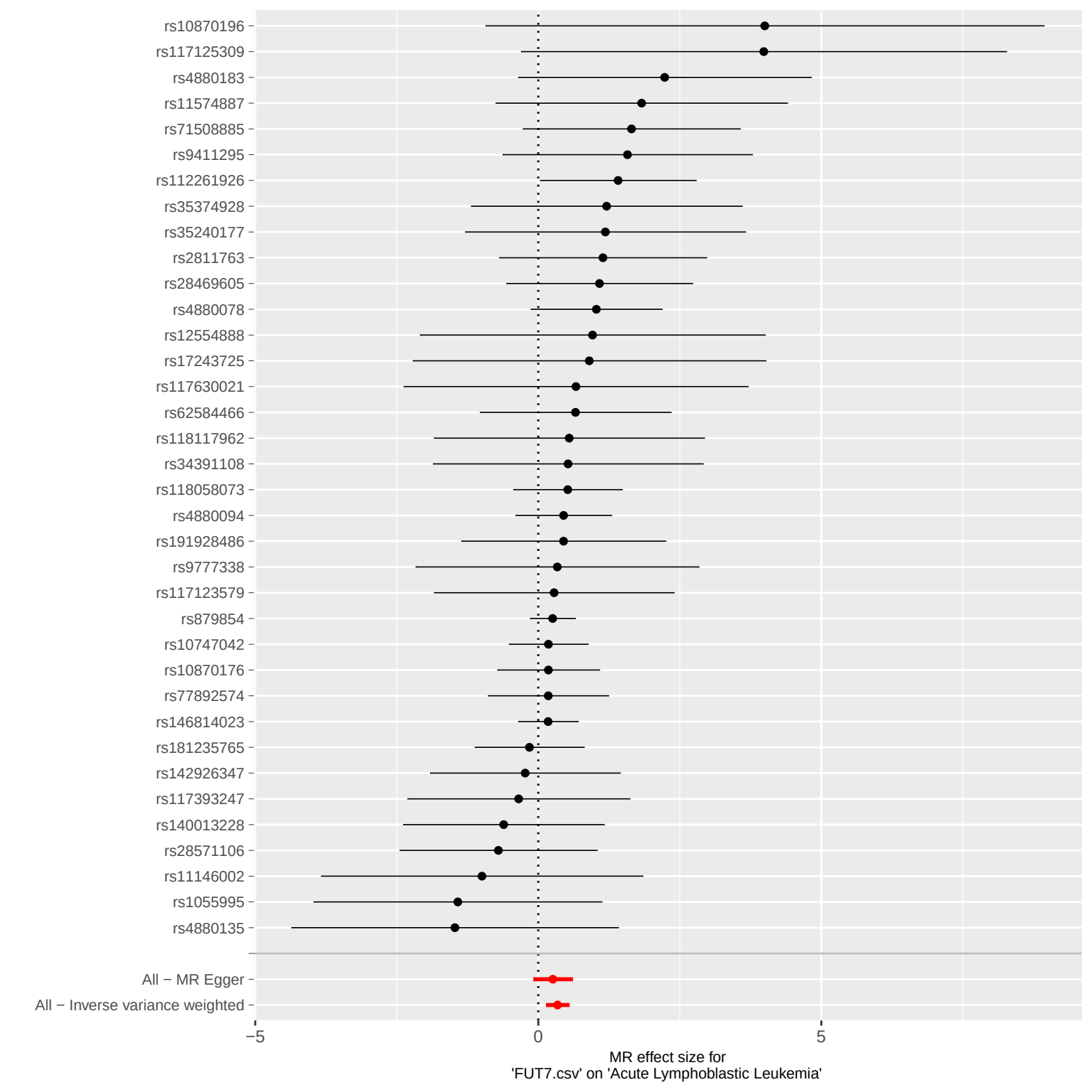
MR effect size for
'FURIN.csv' on 'Acute Lymphoblastic Leukemia'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rs140013228
rs28571106
rs11146002
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All − MR Egger
All − Inverse variance weighted
−5
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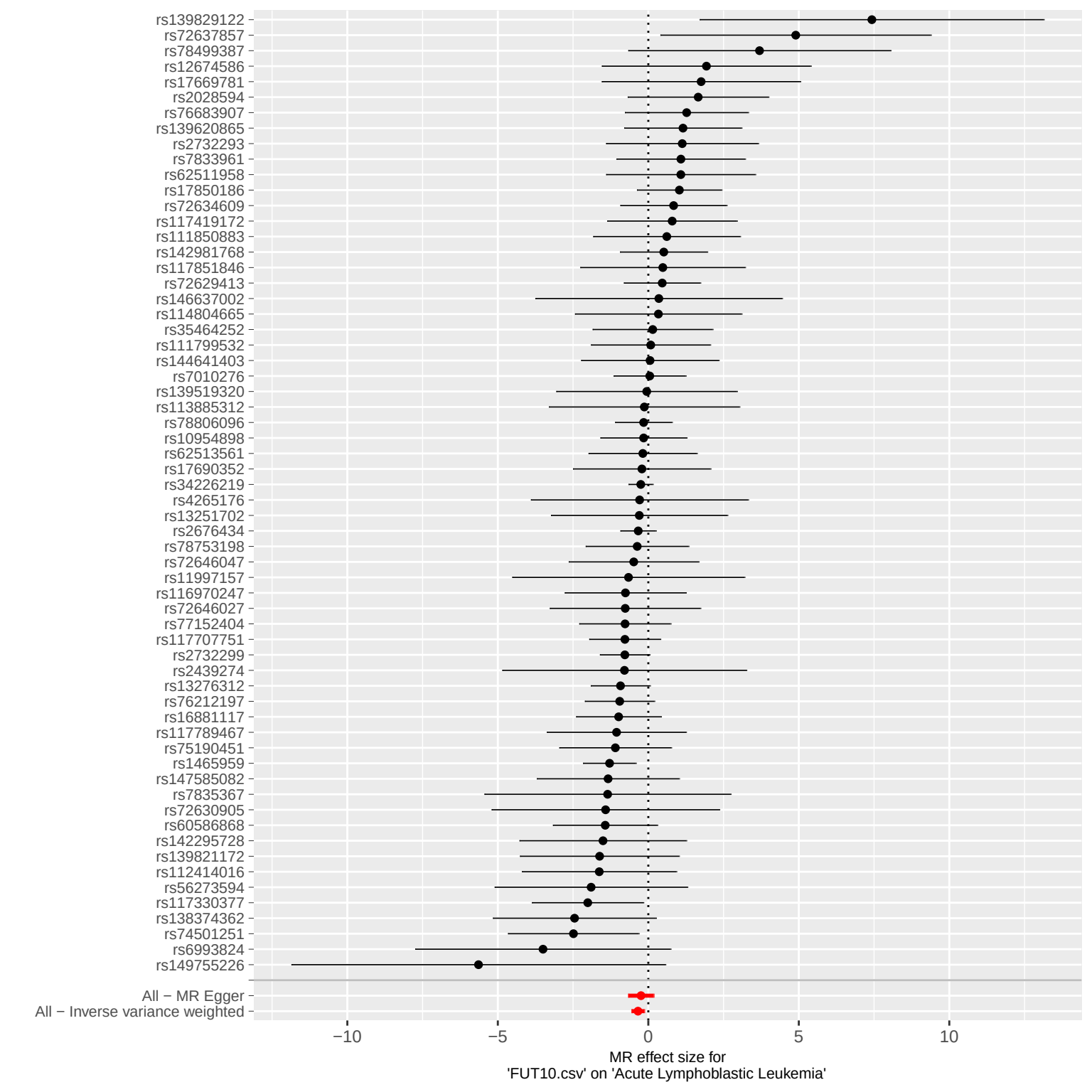
MR effect size for
'FUT7.csv' on 'Acute Lymphoblastic Leukemia'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rs138374362
rs74501251
rs6993824
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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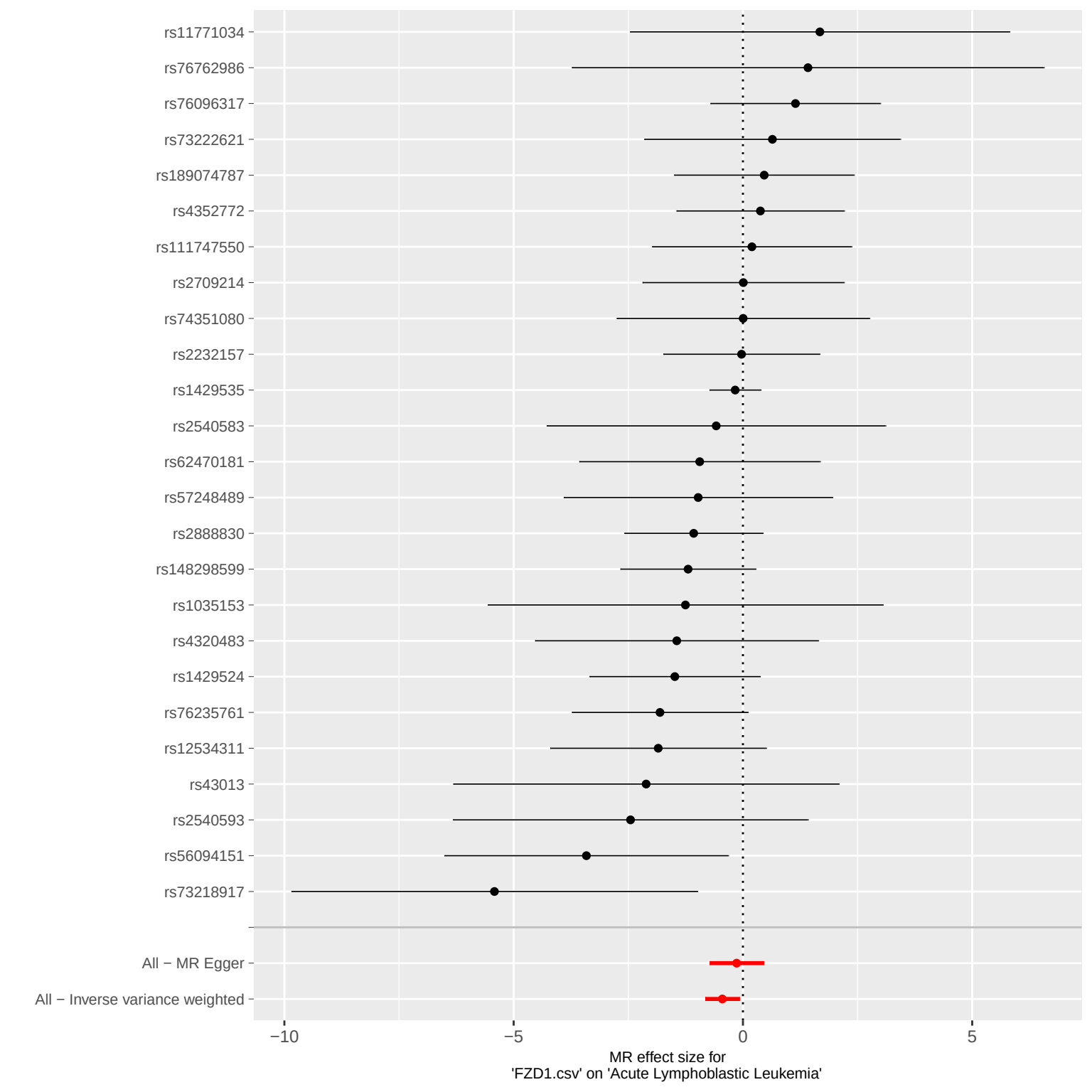
10
MR effect size for
'FUT10.csv' on 'Acute Lymphoblastic Leukemia'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rs1035153
rs4320483
rs1429524
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rs12534311
rs43013
rs2540593
rs56094151
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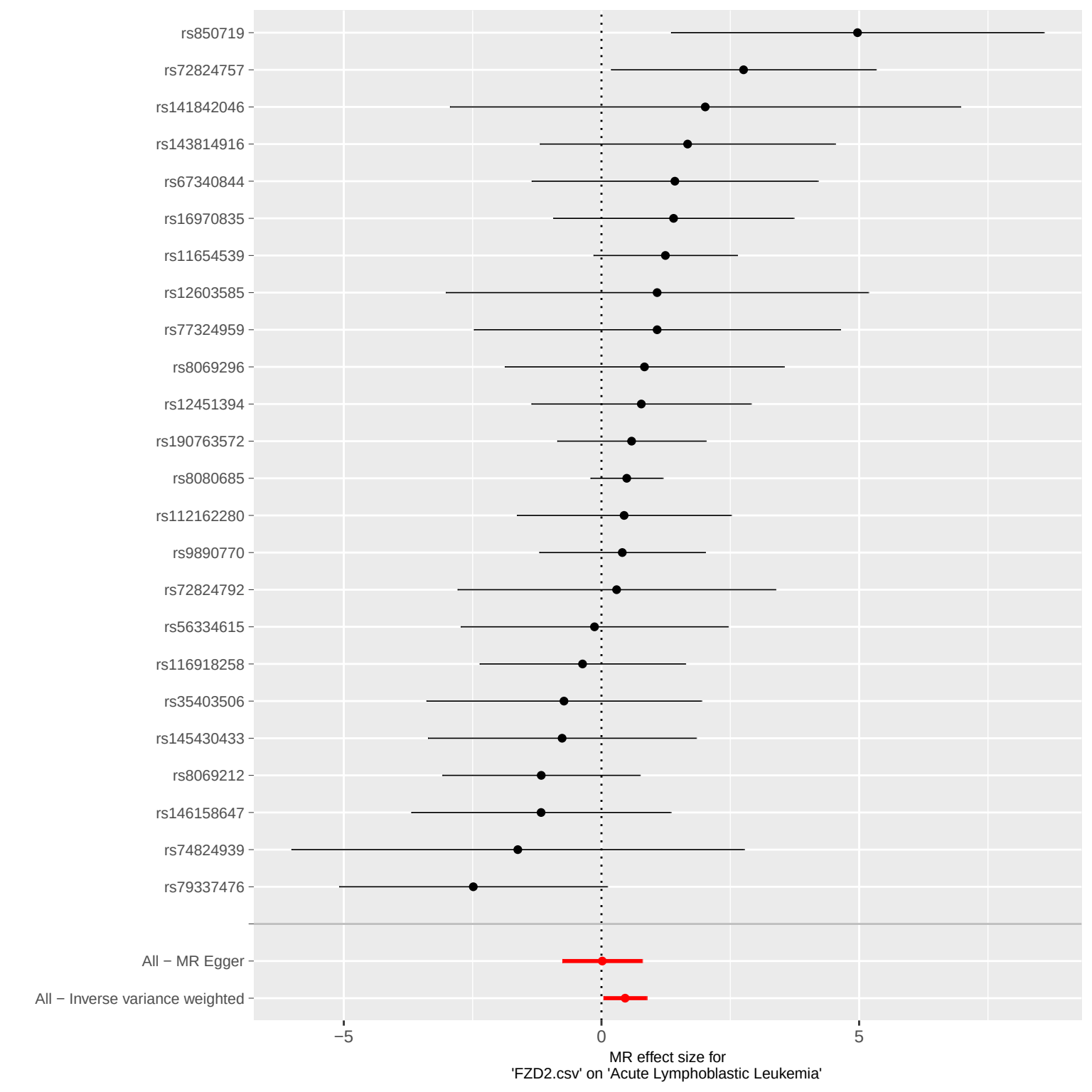
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FZD1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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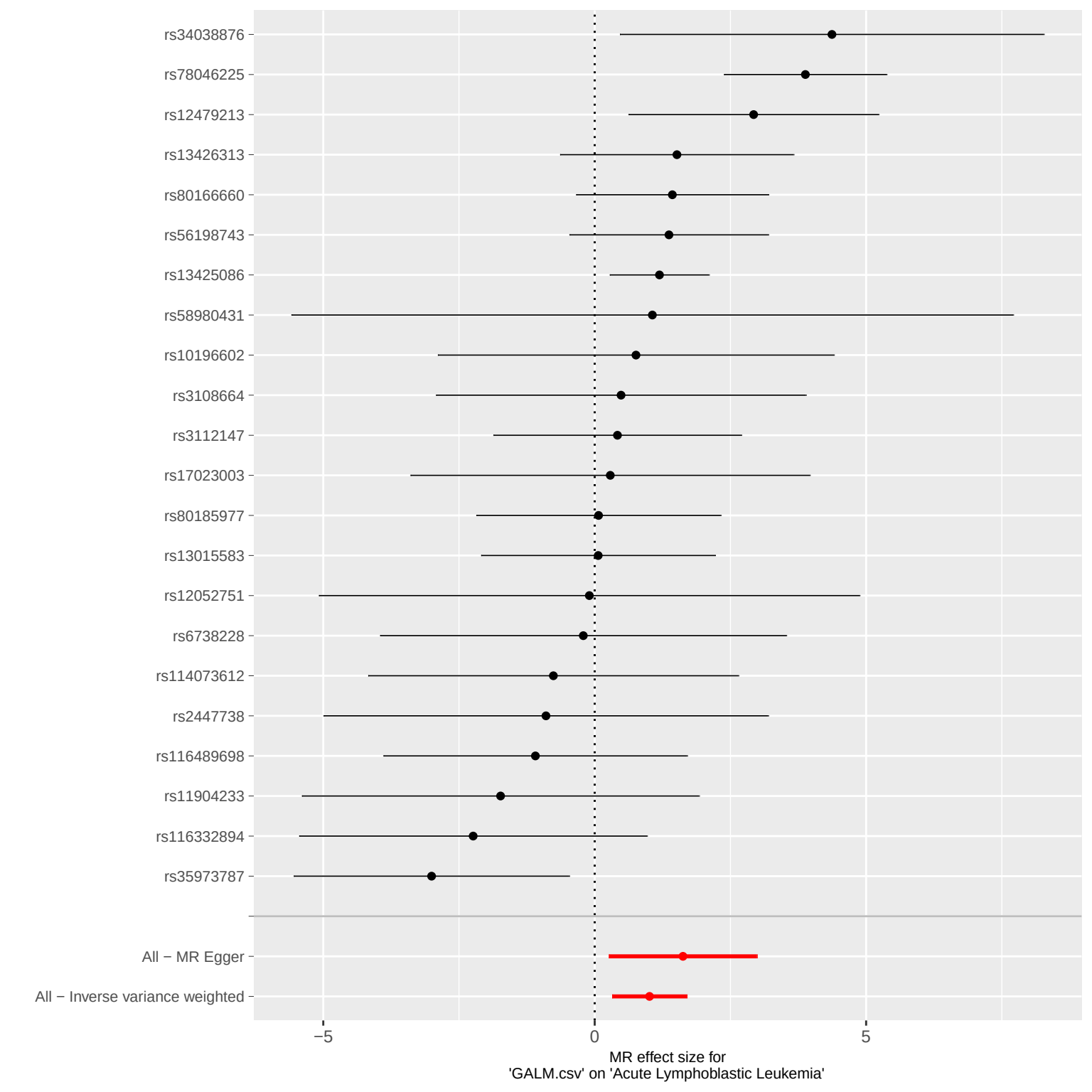
MR effect size for
'FZD2.csv' on 'Acute Lymphoblastic Leukemia'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rs114073612
rs2447738
rs116489698
rs11904233
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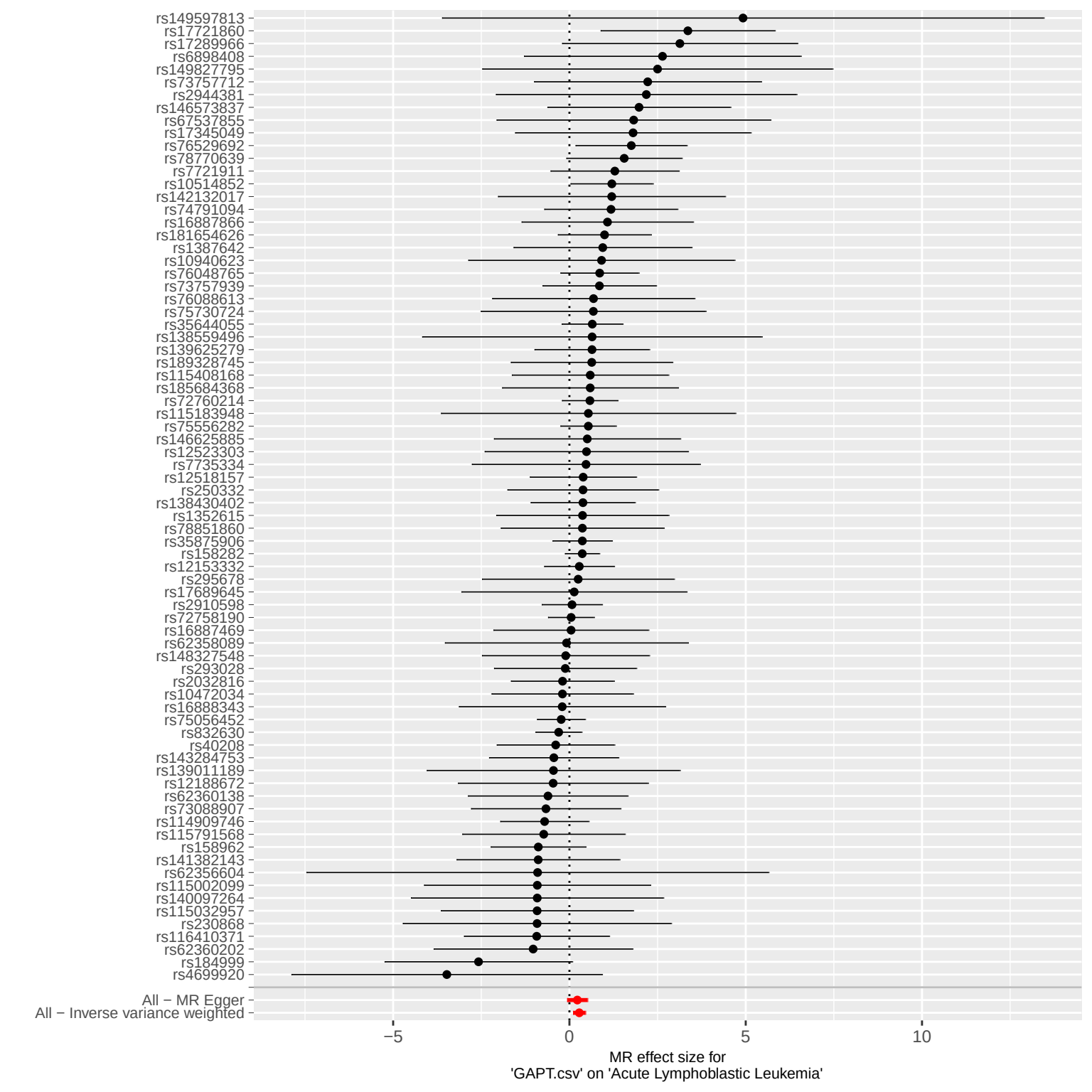
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'GALM.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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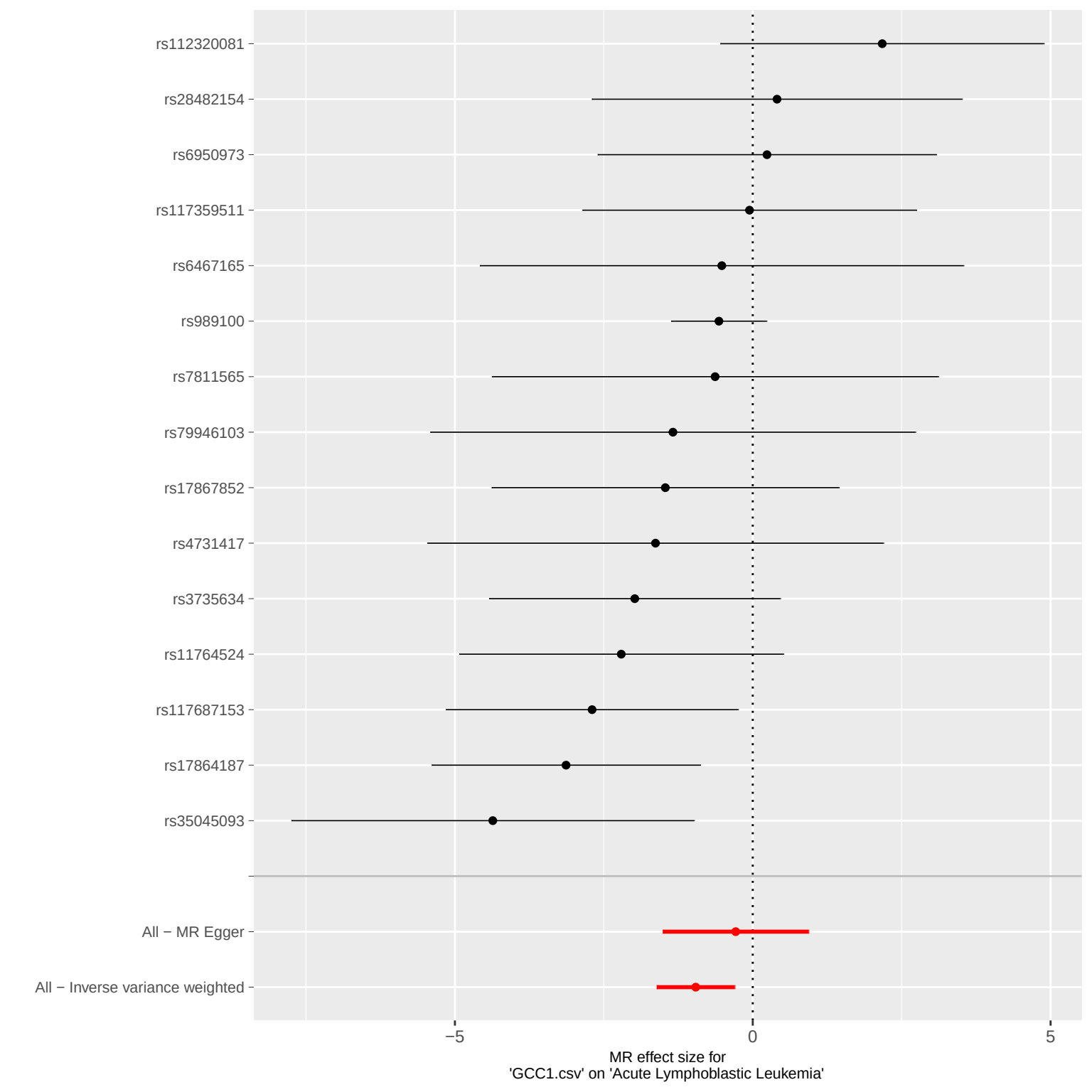
MR effect size for
'GAPT.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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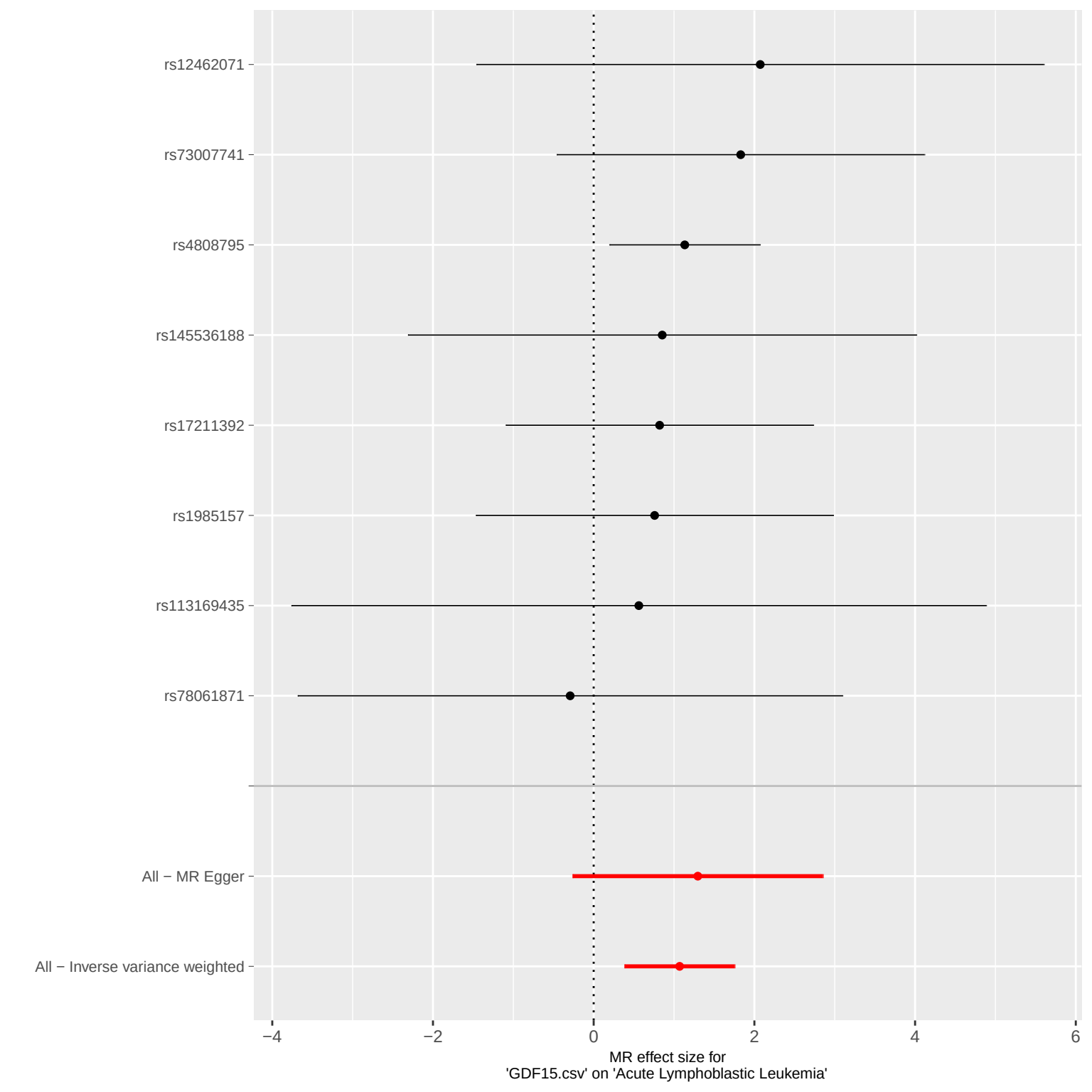
0
5
MR effect size for
'GCC1.csv' on 'Acute Lymphoblastic Leukemia'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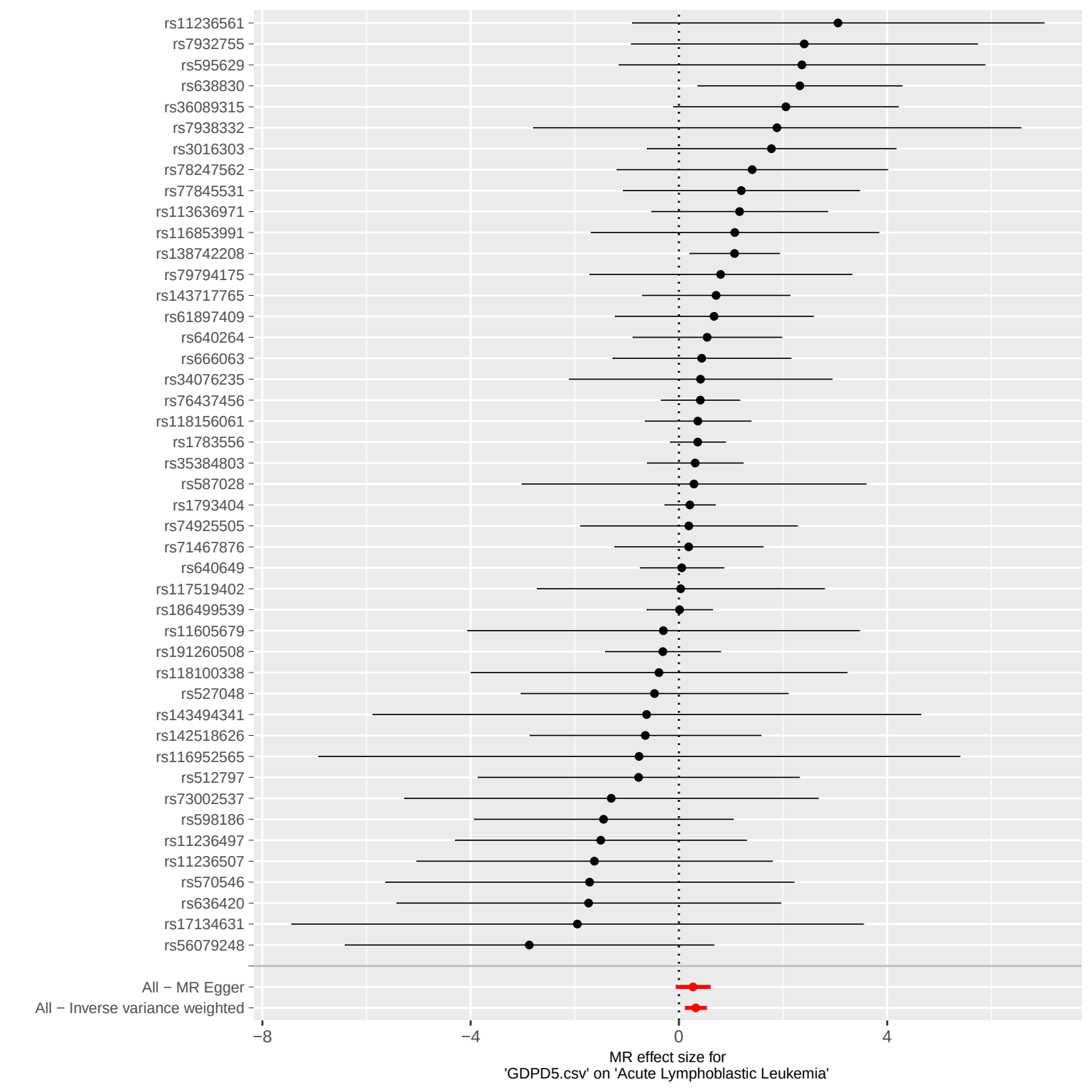
rs17211392
rs1985157
rs113169435
rs78061871
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'GDF15.csv' on 'Acute Lymphoblastic Leukemia'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rs598186
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rs570546
rs636420
rs17134631
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All − MR Egger
All − Inverse variance weighted
−8
−4
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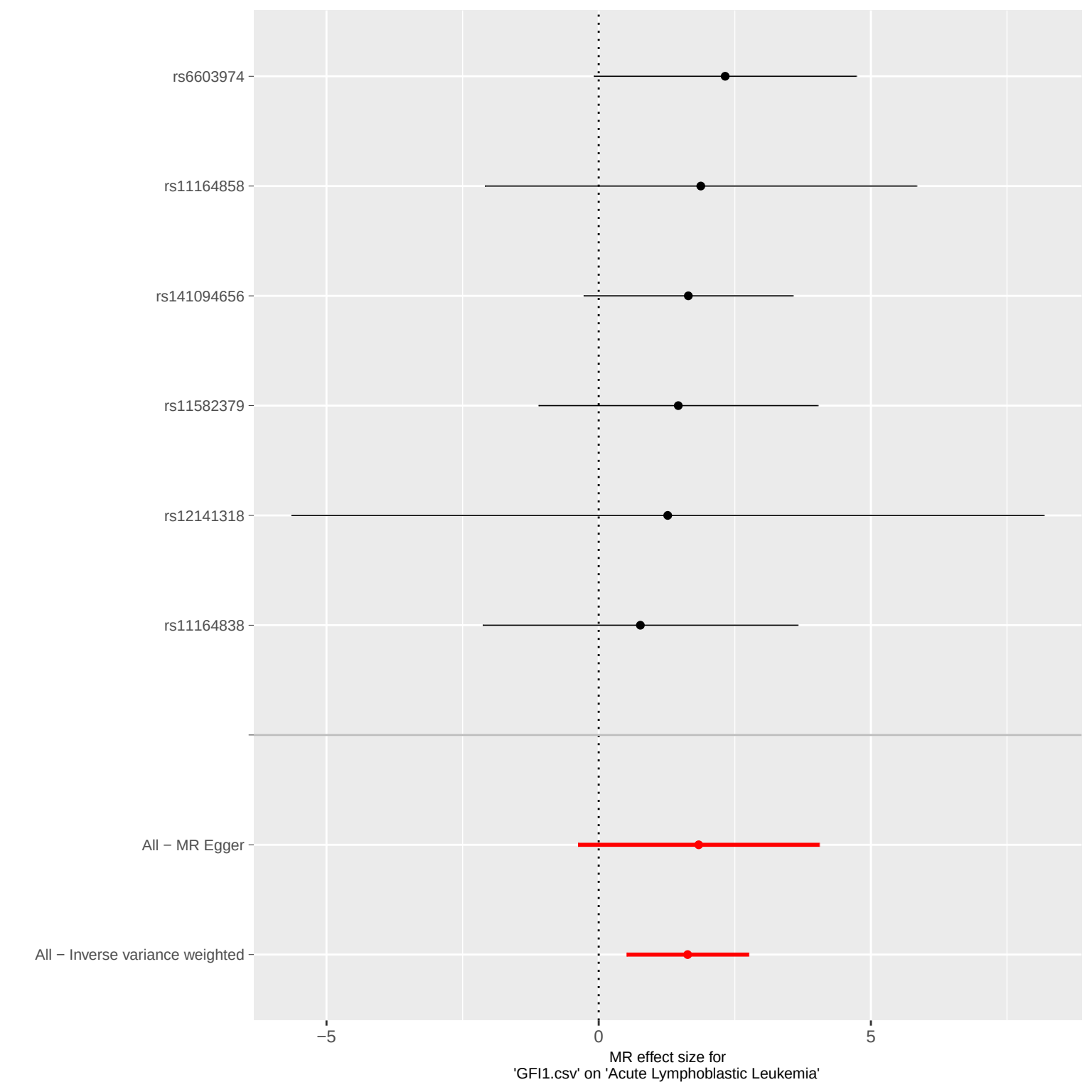
4
MR effect size for
'GDPD5.csv' on 'Acute Lymphoblastic Leukemia'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rs12141318
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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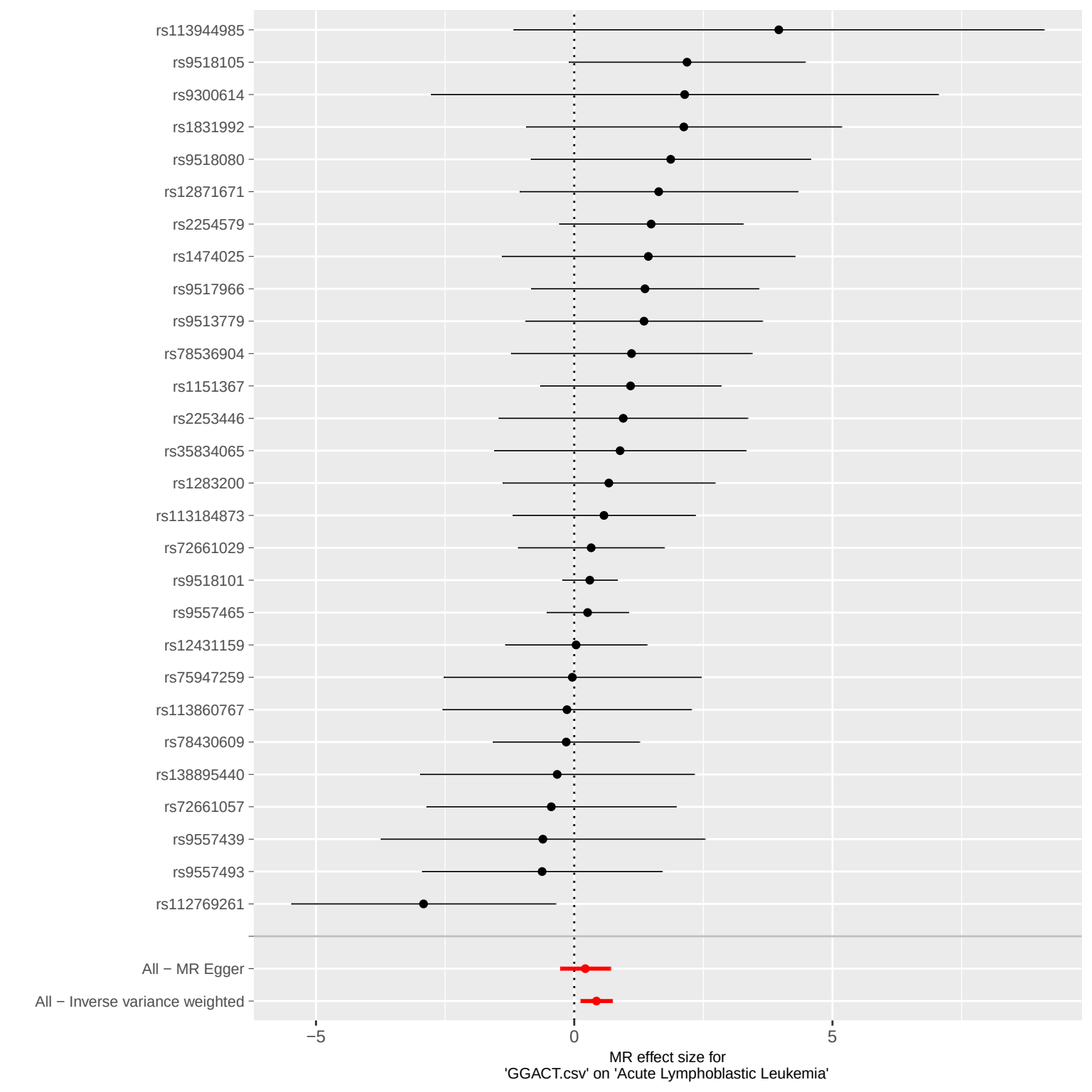
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rs72661057
rs9557439
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All − MR Egger
All − Inverse variance weighted
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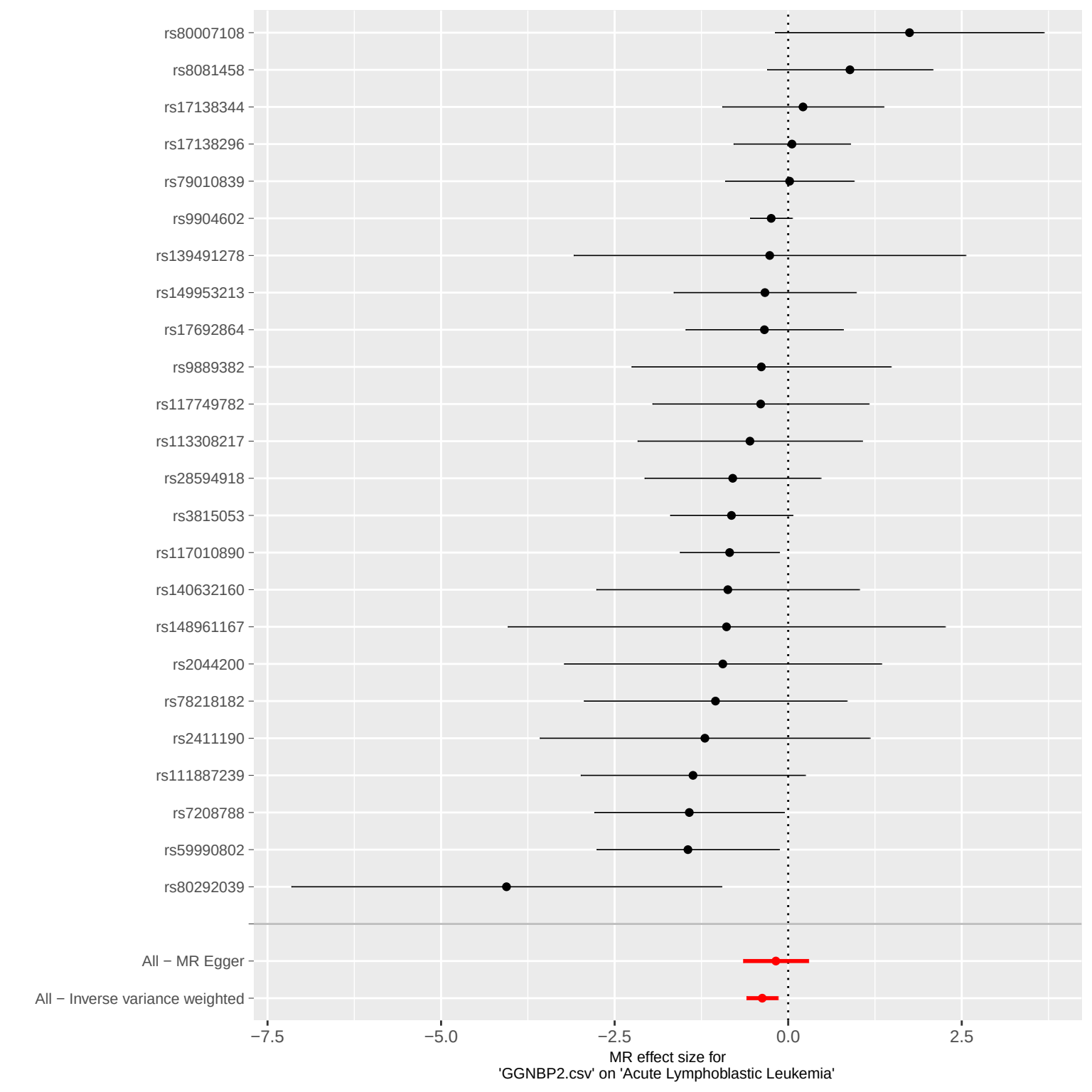
MR effect size for
'GGACT.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5.0
−2.5
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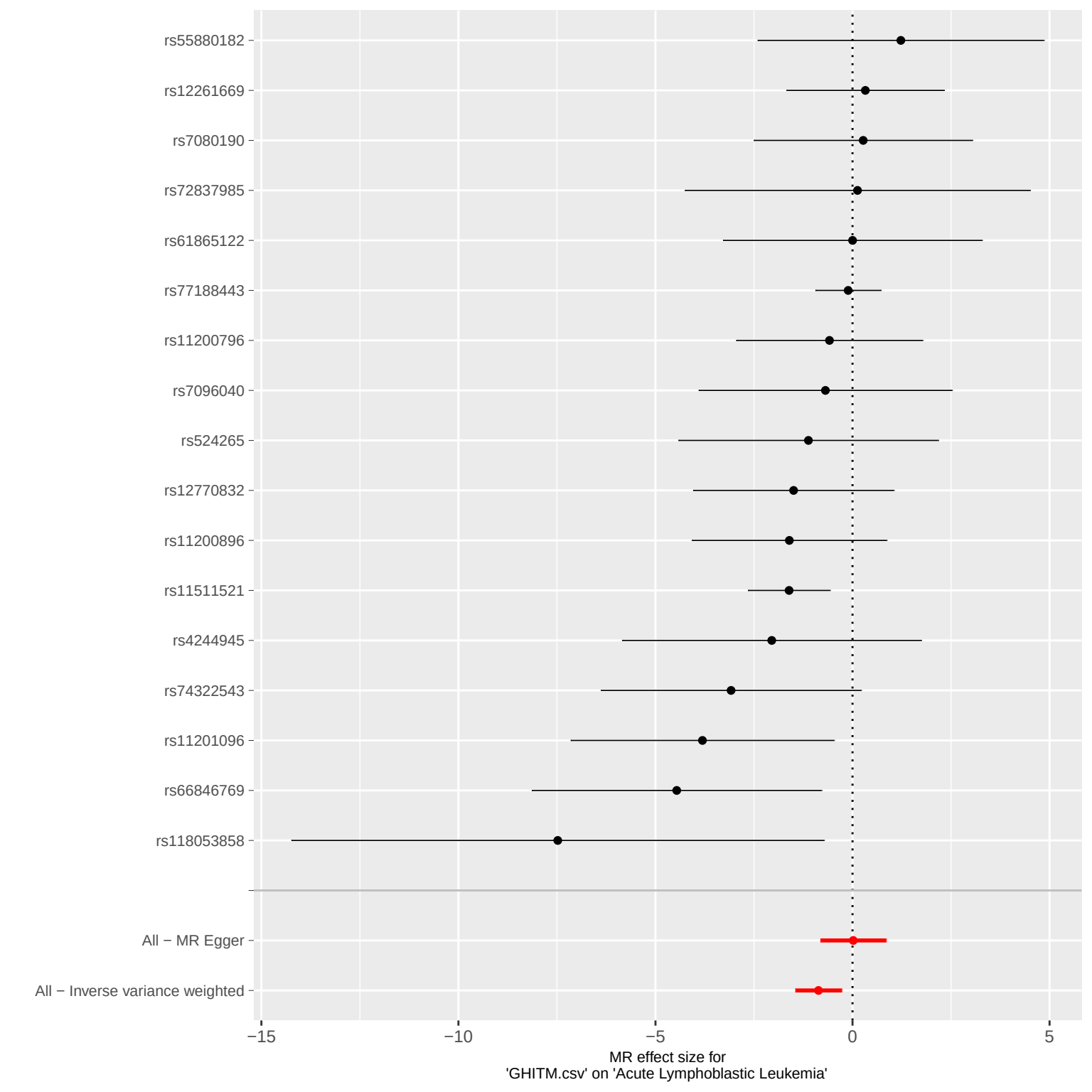
2.5
MR effect size for
'GGNBP2.csv' on 'Acute Lymphoblastic Leukemia'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rs66846769
rs118053858
All − MR Egger
All − Inverse variance weighted
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−5
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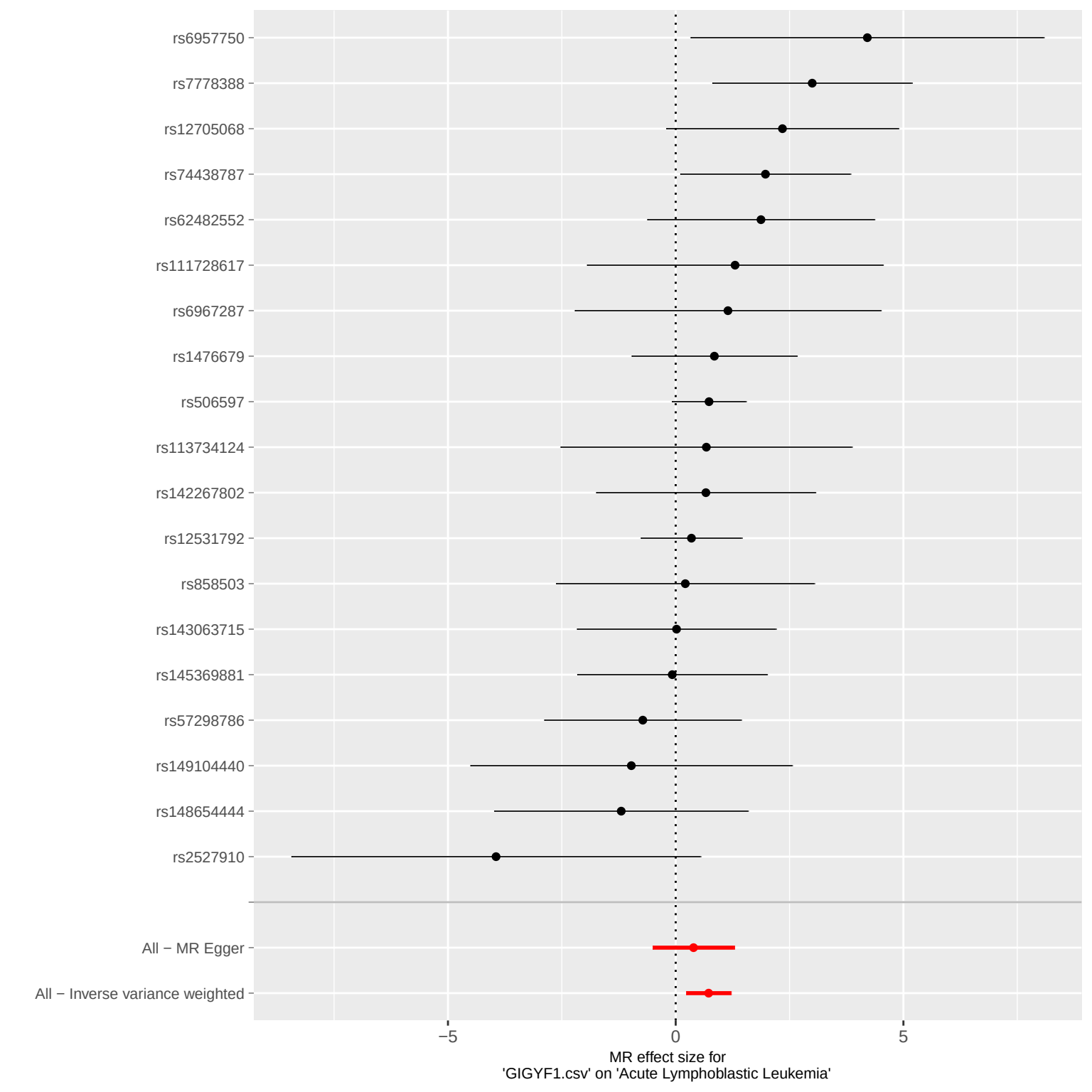
5
MR effect size for
'GHITM.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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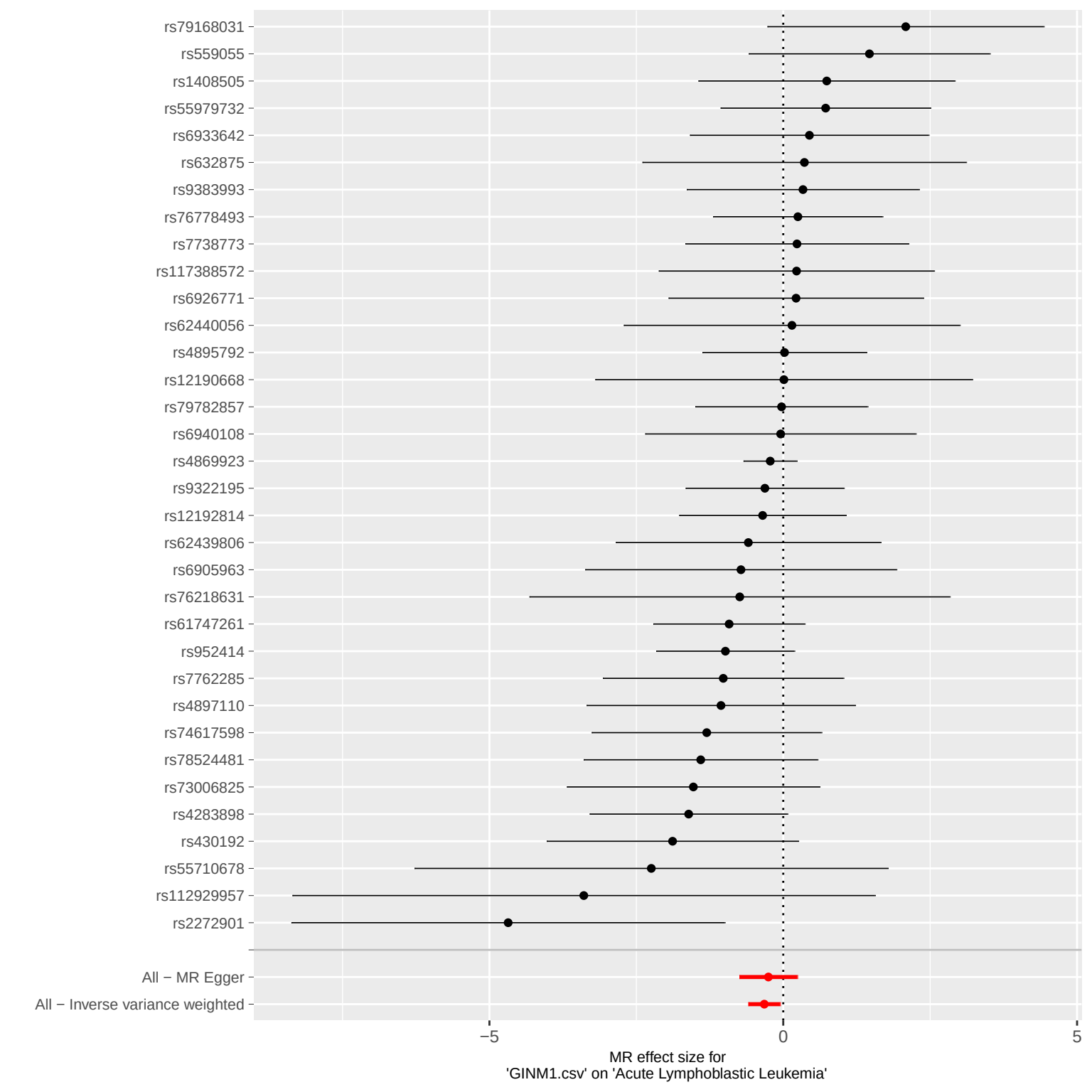
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rs4283898
rs430192
rs55710678
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All − MR Egger
All − Inverse variance weighted
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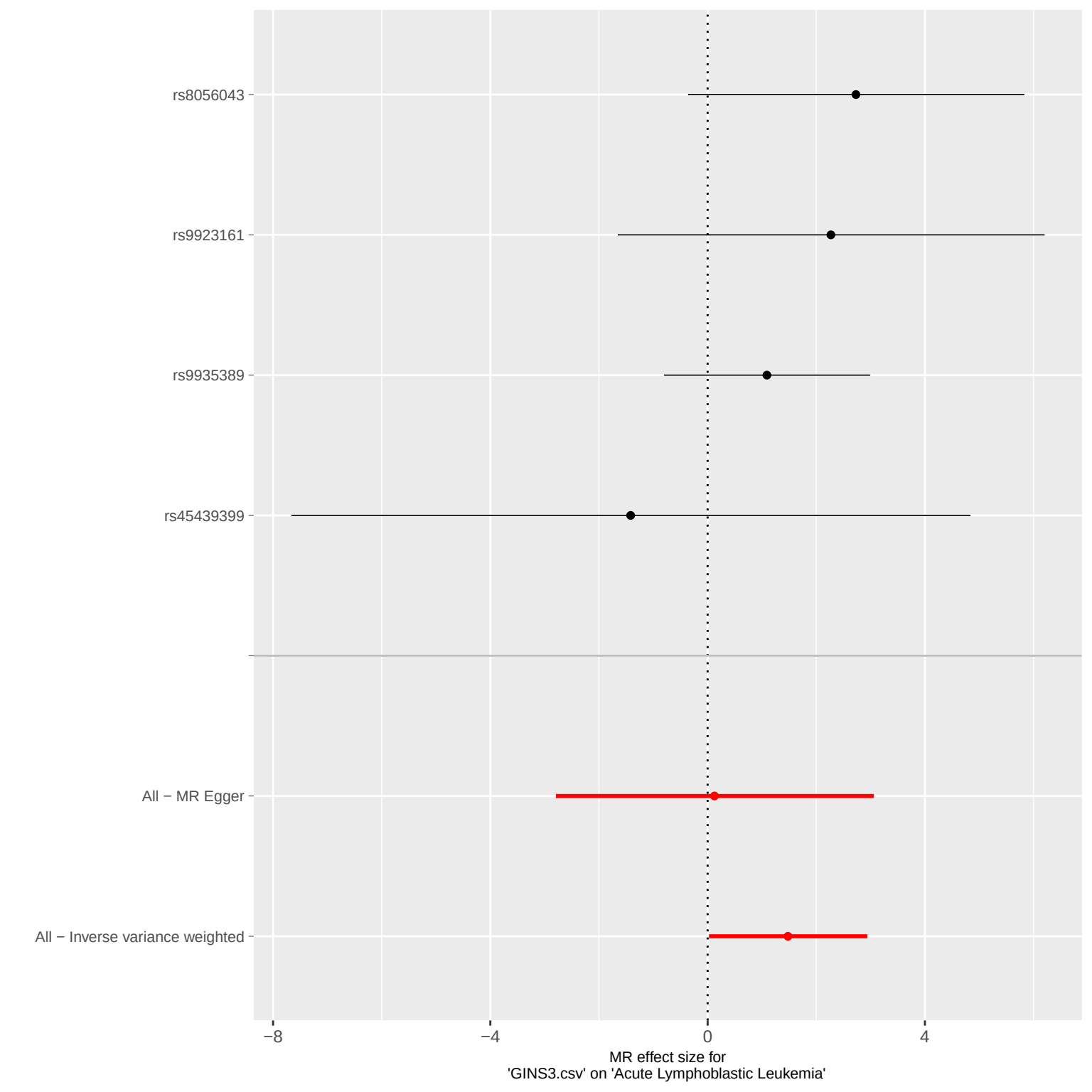
MR effect size for
'GINM1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−8
−4
0
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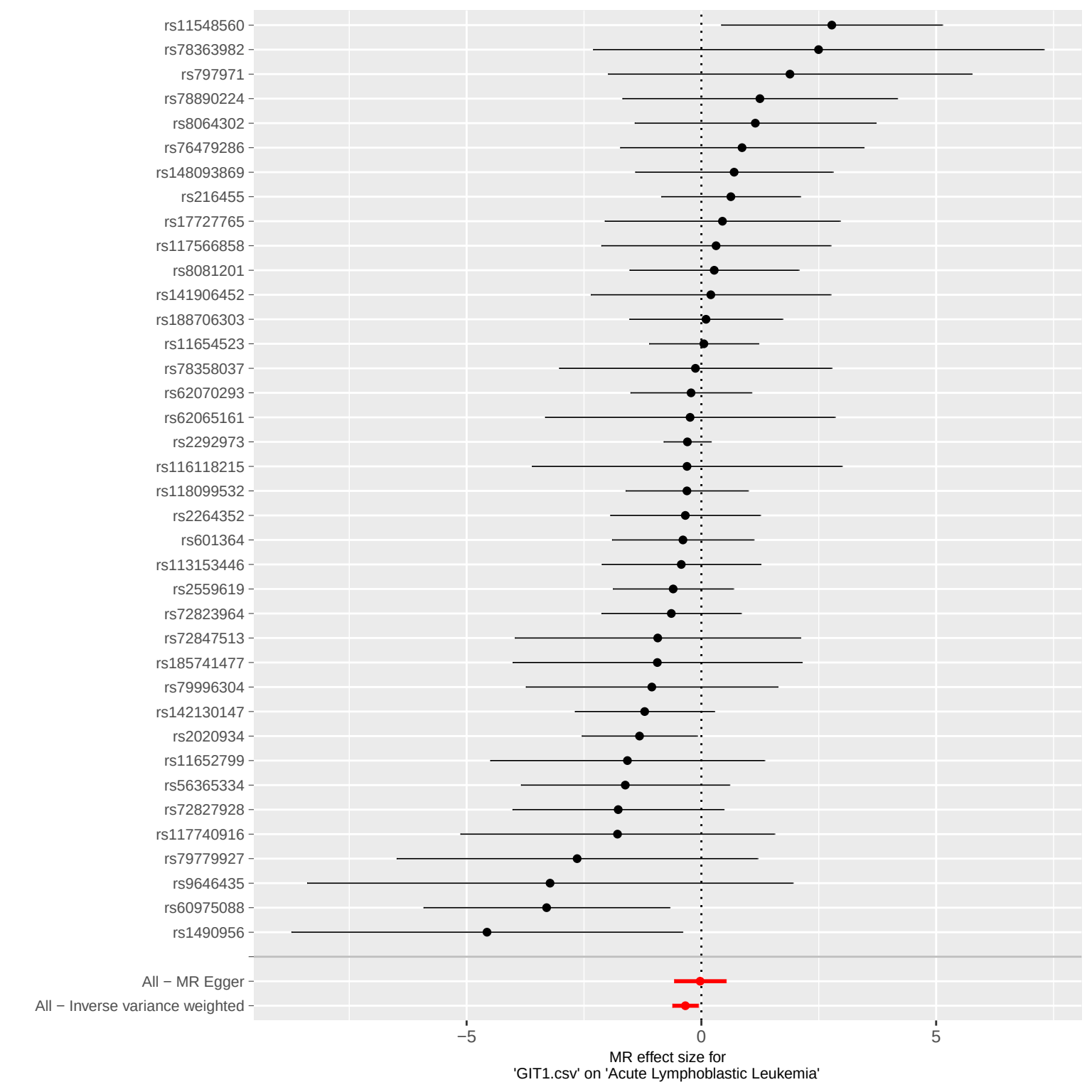
MR effect size for
'GINS3.csv' on 'Acute Lymphoblastic Leukemia'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rs72827928
rs117740916
rs79779927
rs9646435
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All − Inverse variance weighted
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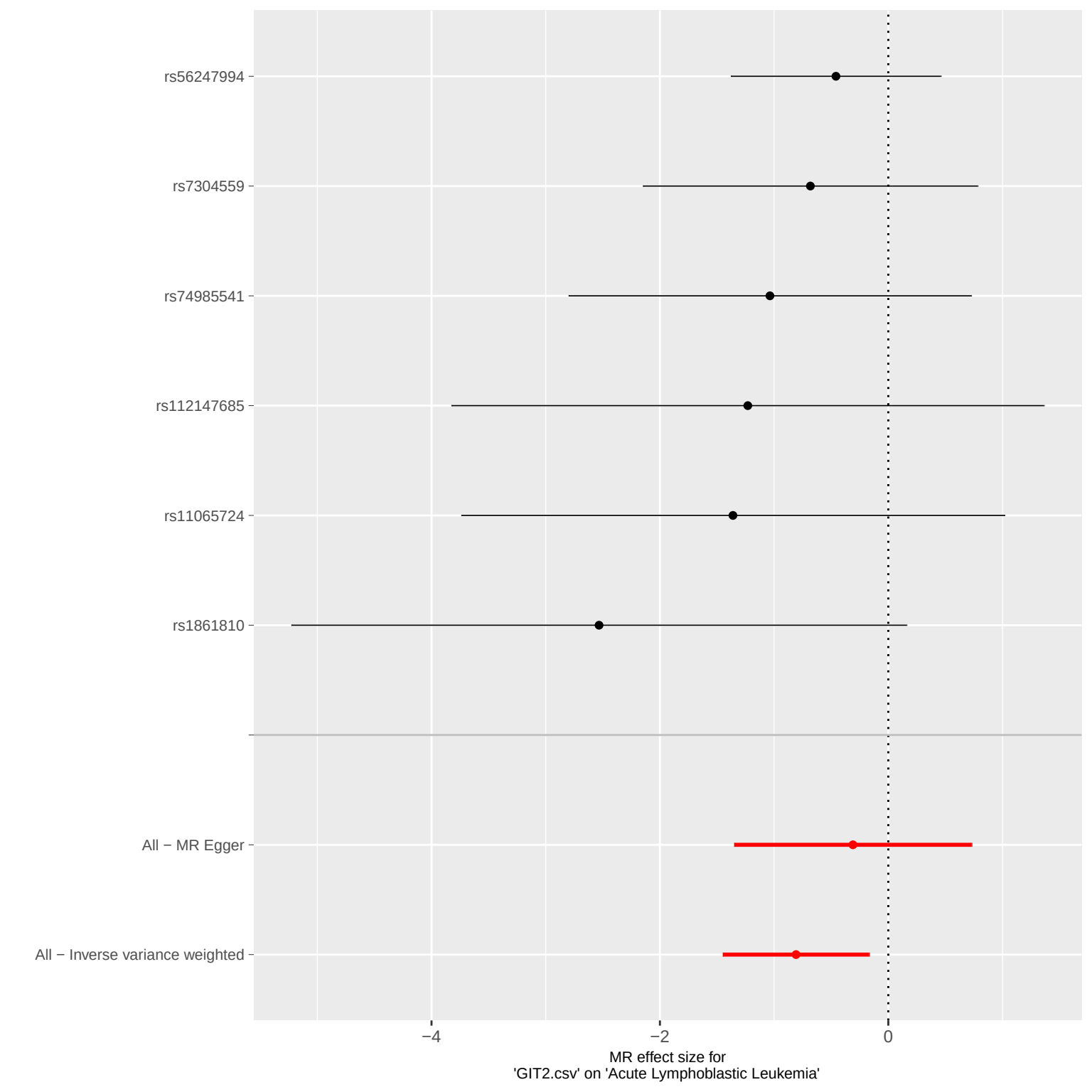
MR effect size for
'GIT1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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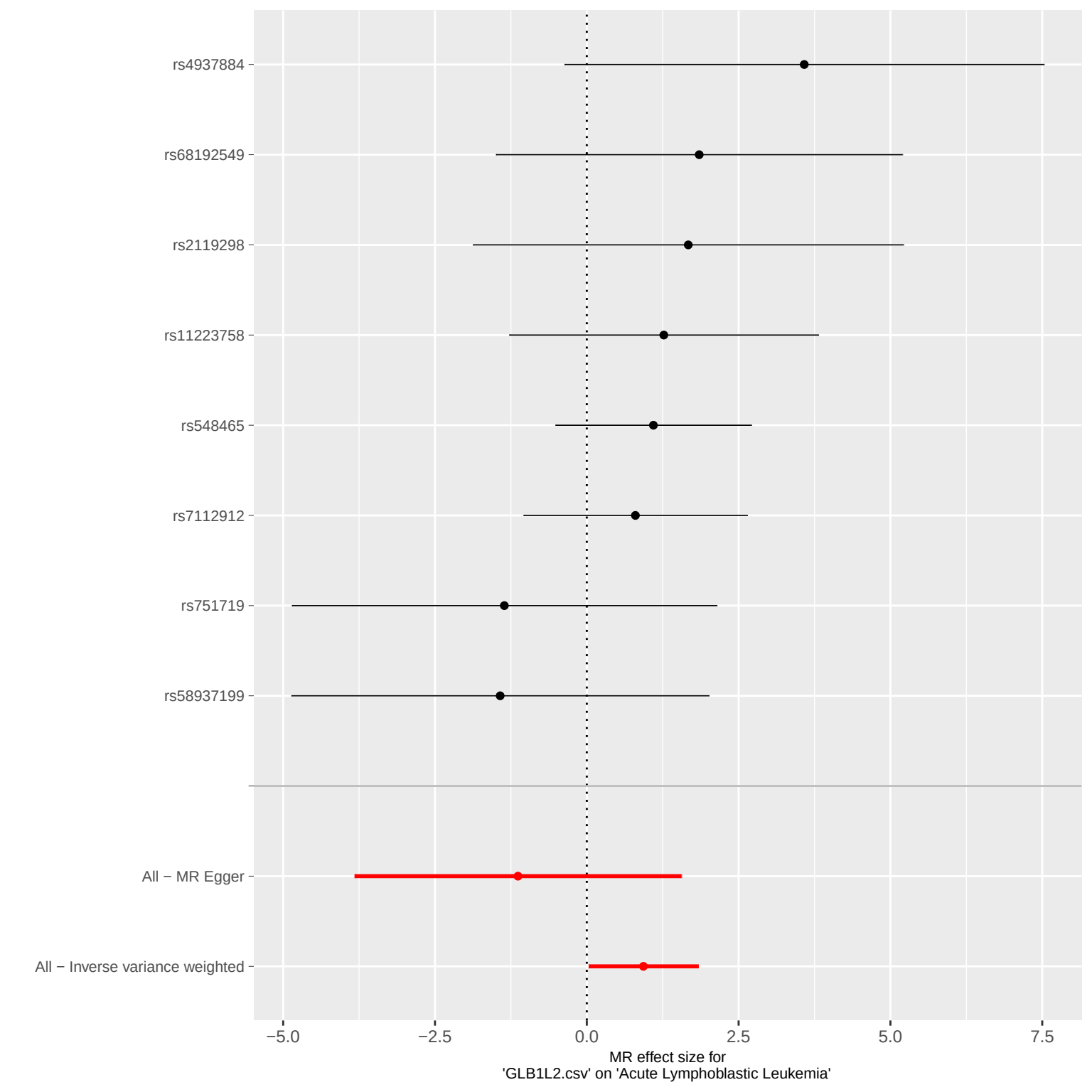
'GIT2.csv' on 'Acute Lymphoblastic Leukemia'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rs7112912
rs751719
rs58937199
All − MR Egger
All − Inverse variance weighted
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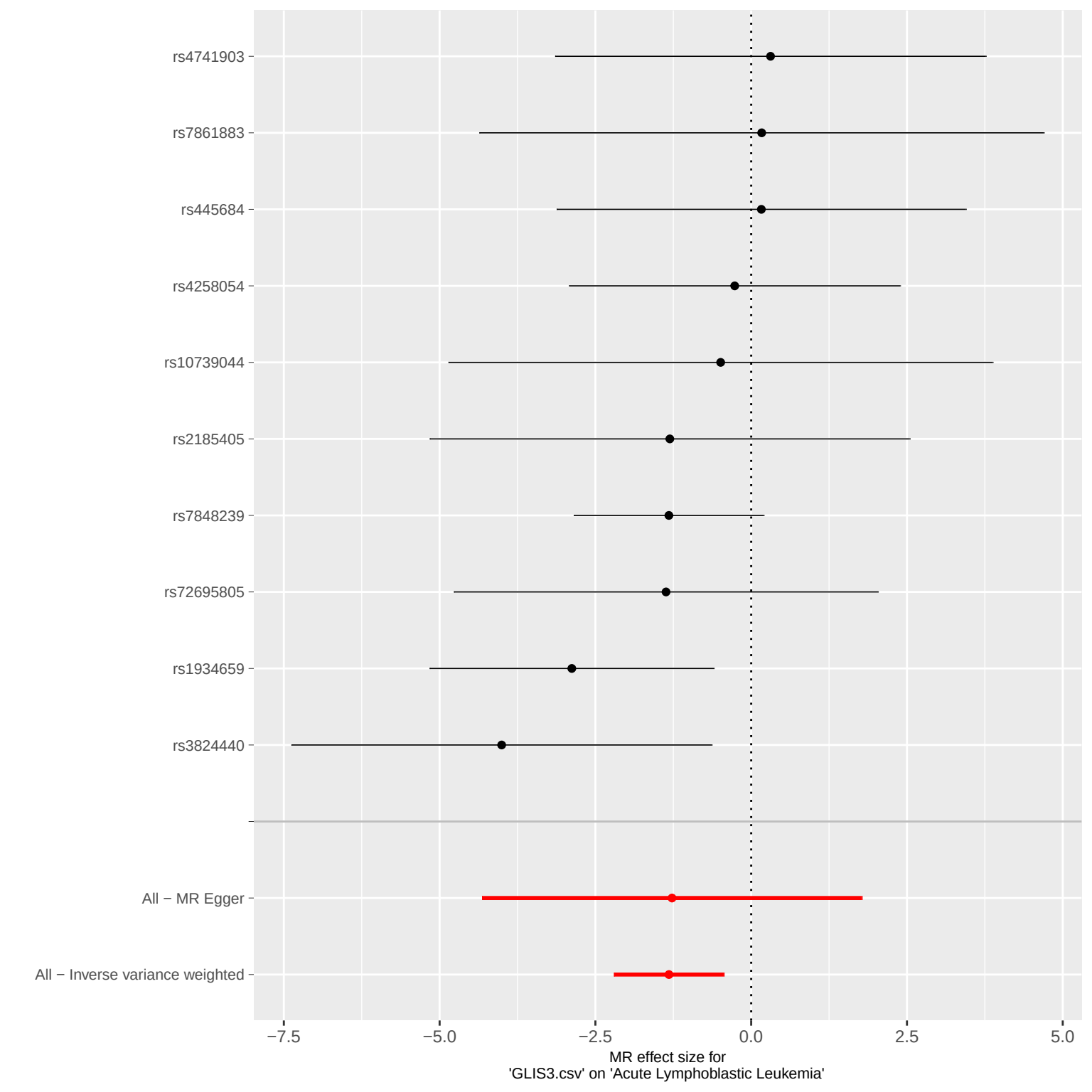
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'GLB1L2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2.5
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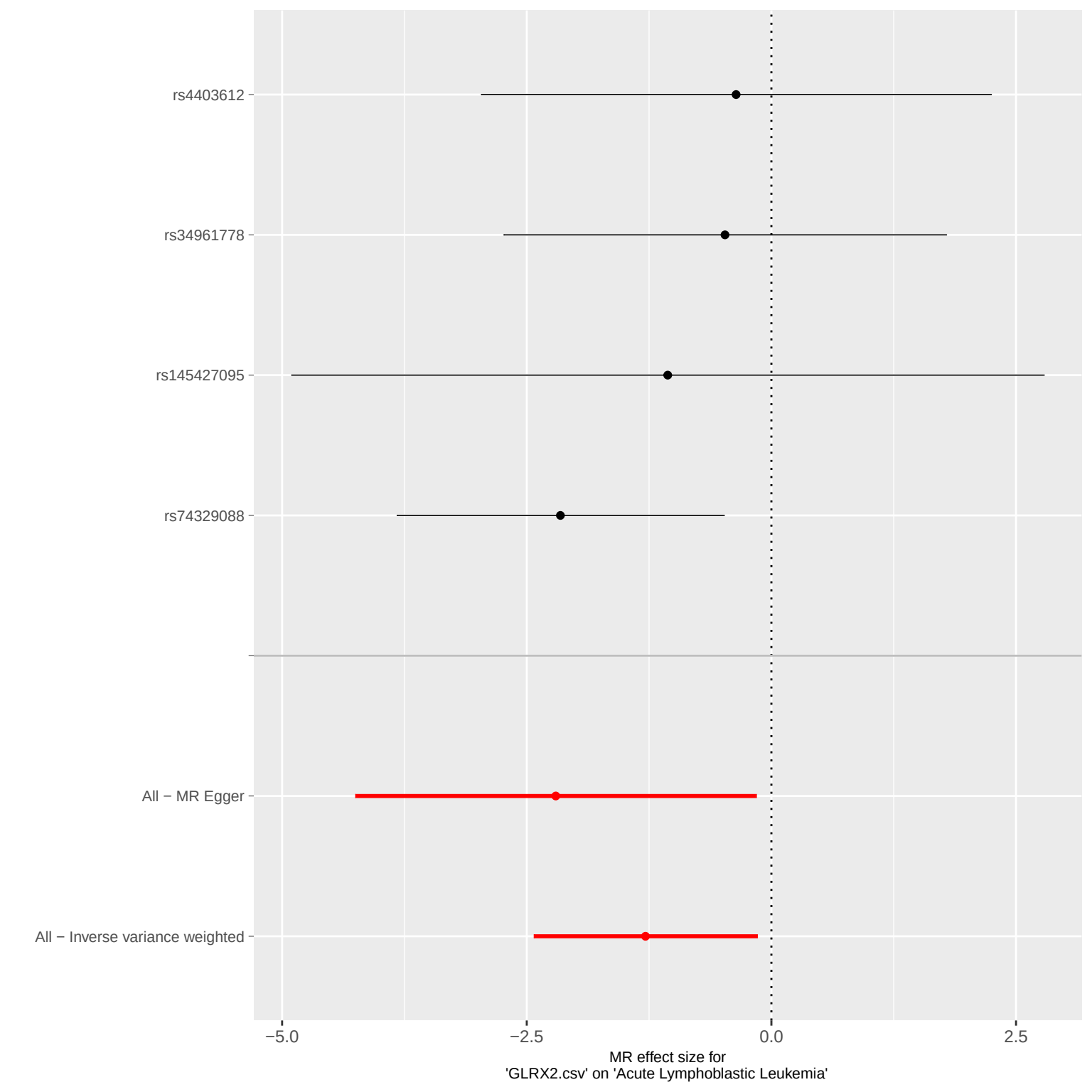
2.5
5.0
MR effect size for
'GLIS3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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−2.5
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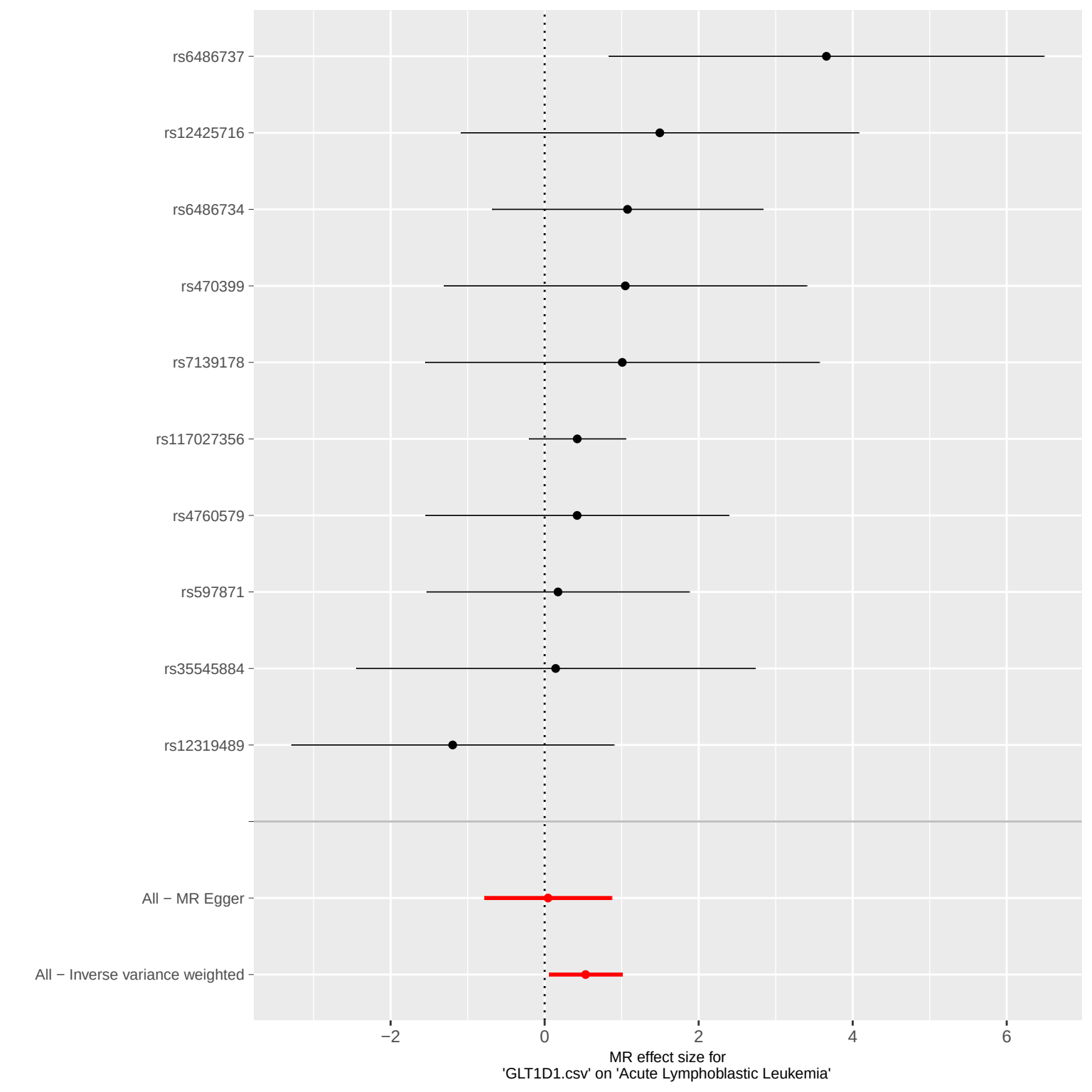
2.5
MR effect size for
'GLRX2.csv' on 'Acute Lymphoblastic Leukemia'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rs35545884
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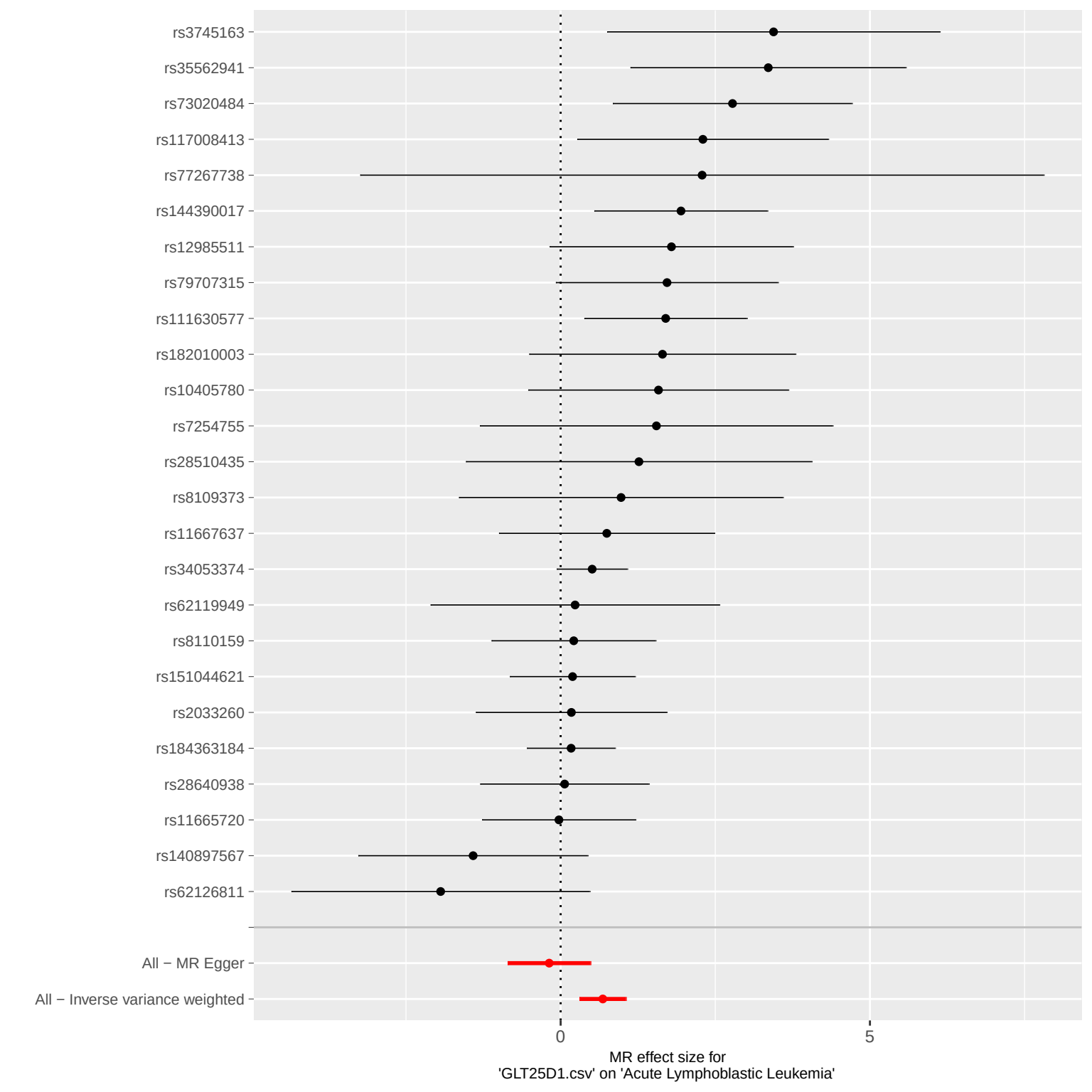
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'GLT1D1.csv' on 'Acute Lymphoblastic Leukemia'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rs28640938
rs11665720
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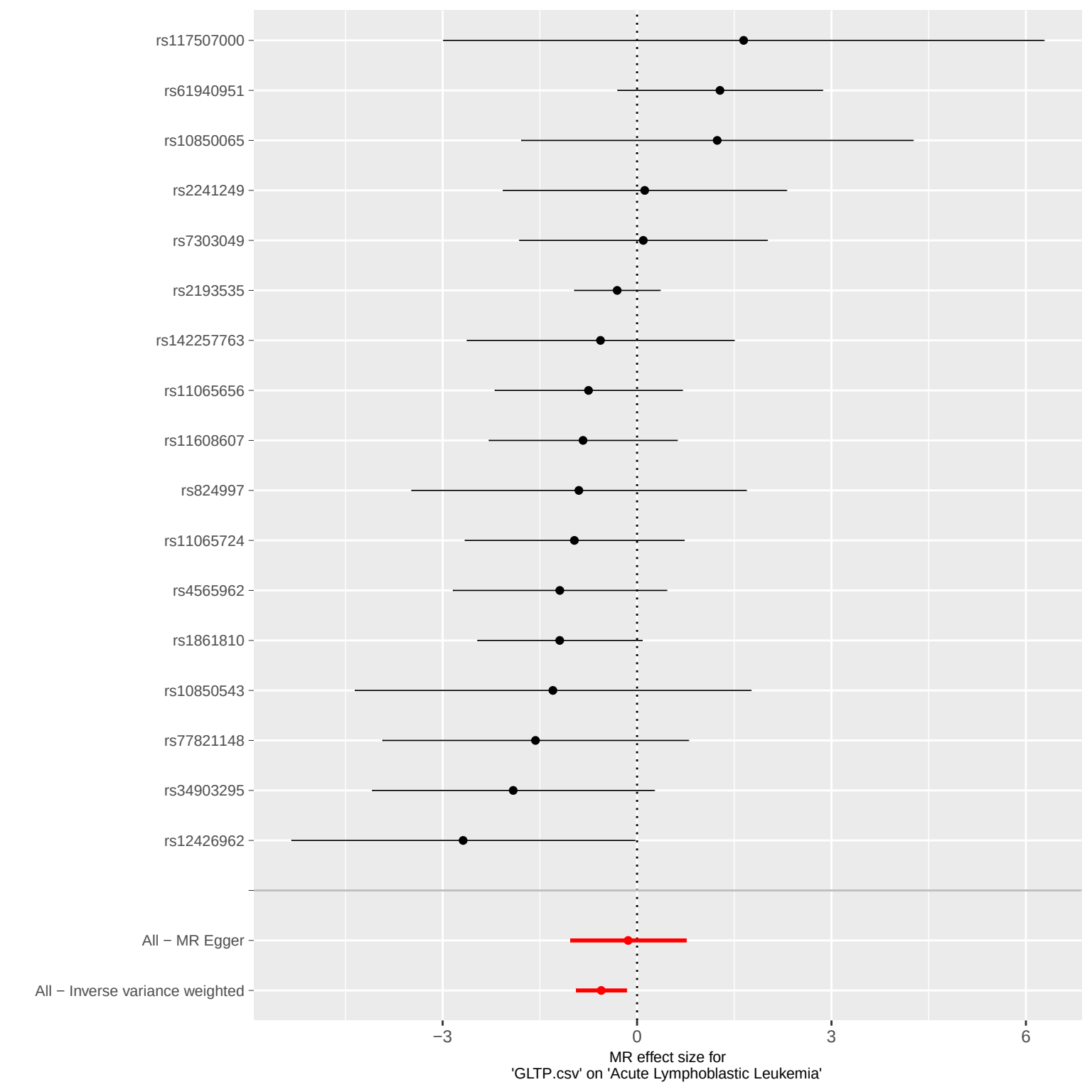
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'GLT25D1.csv' on 'Acute Lymphoblastic Leukemia'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rs10850065
rs2241249
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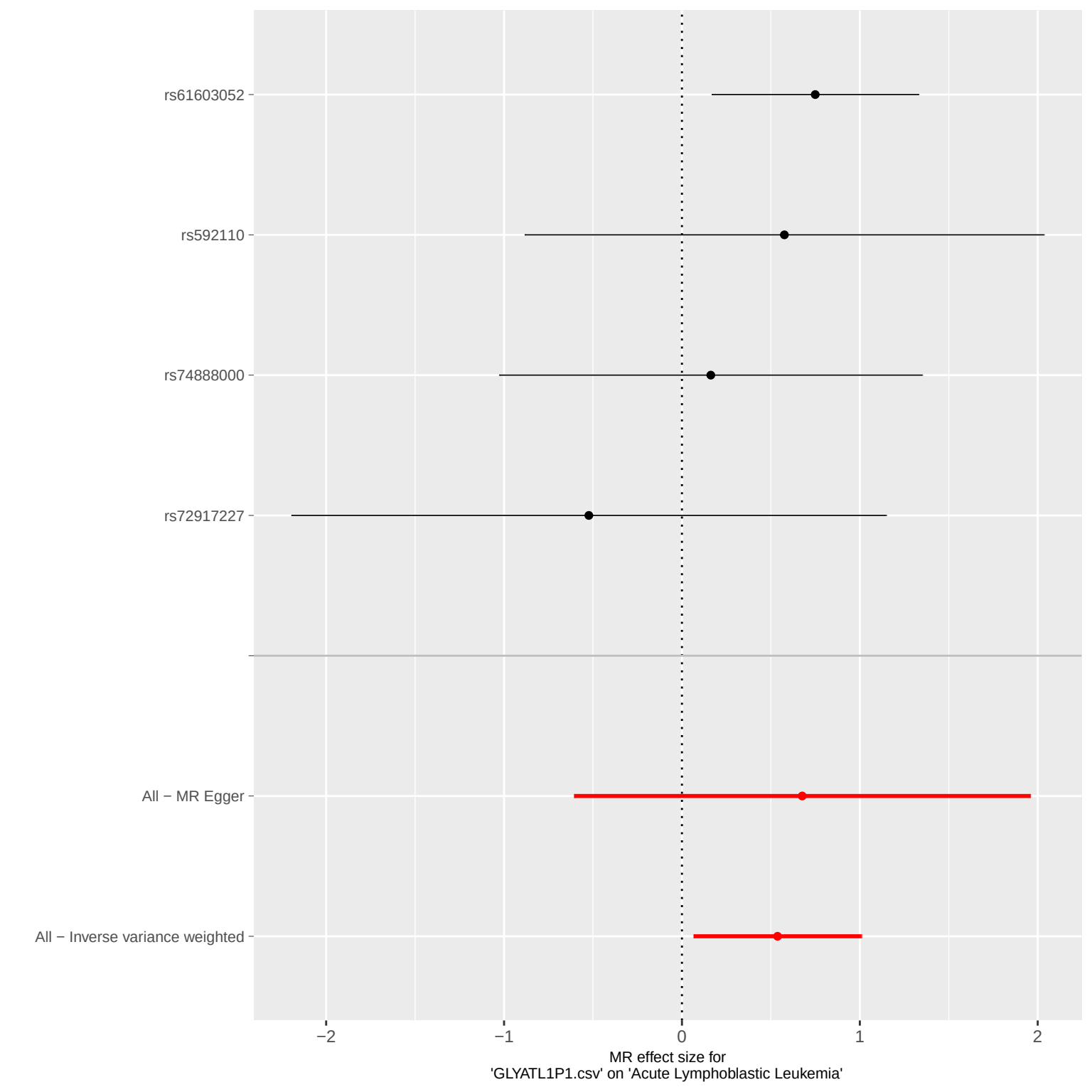
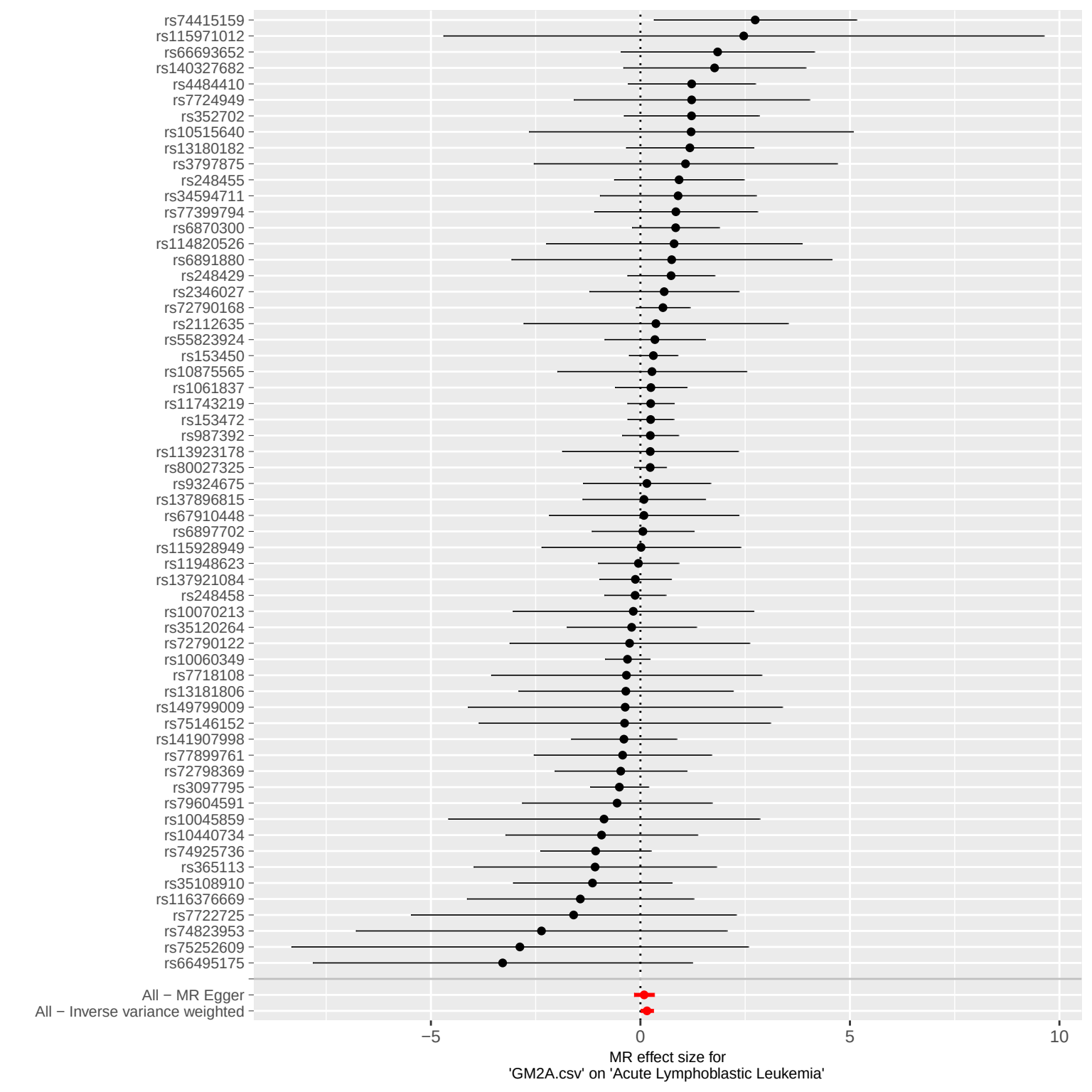
rs11608607
rs824997
rs11065724
rs4565962
rs1861810
rs10850543
rs77821148
rs34903295
rs12426962
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'GLTP.csv' on 'Acute Lymphoblastic Leukemia'


rs61603052
rs592110
rs74888000
rs72917227
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'GLYATL1P1.csv' on 'Acute Lymphoblastic Leukemia'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rs248429
rs2346027
rs72790168
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rs55823924
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rs1061837
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rs153472
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rs9324675
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rs11948623
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rs248458
rs10070213
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rs72790122
rs10060349
rs7718108
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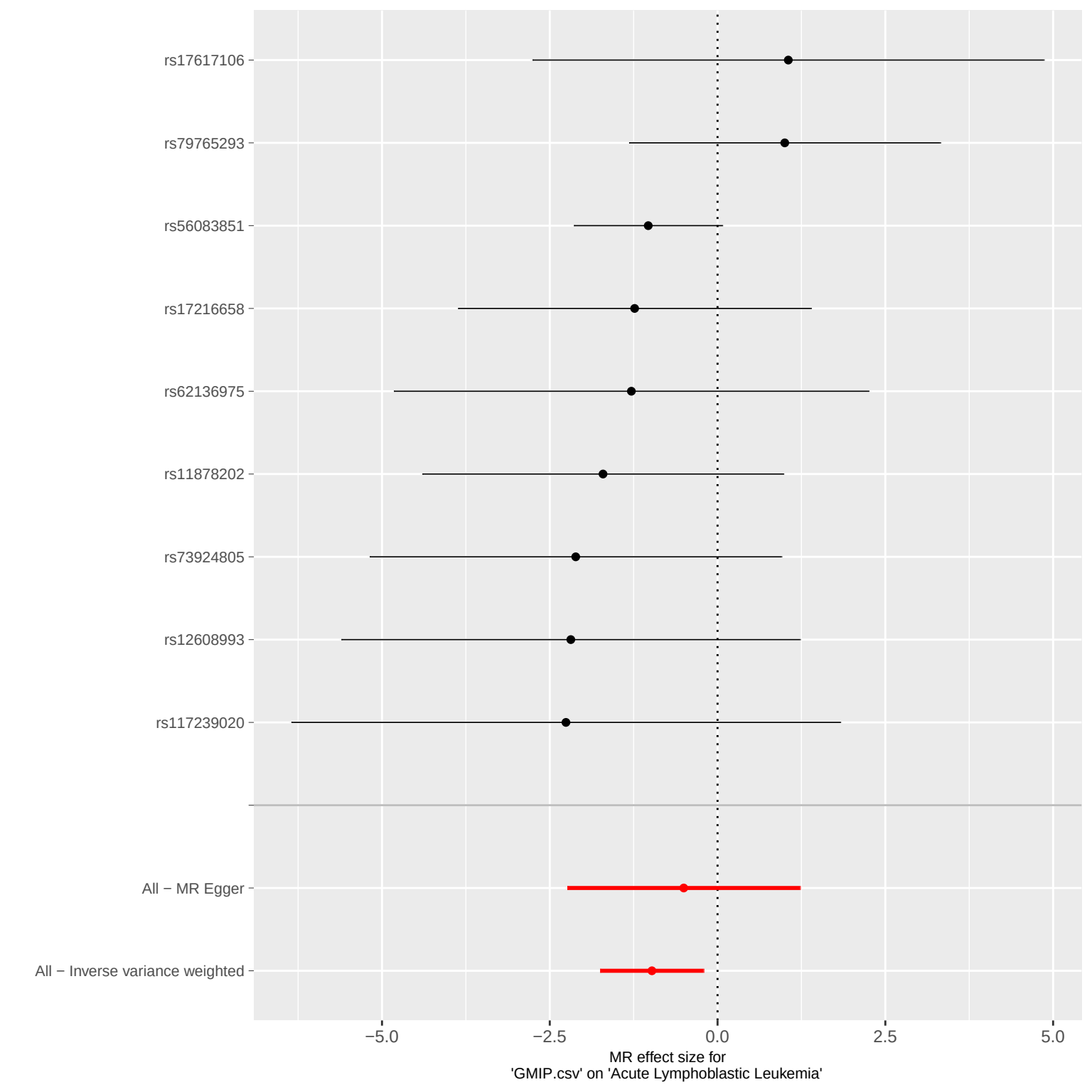
rs149799009
rs75146152
rs141907998
rs77899761
rs72798369
rs3097795
rs79604591
rs10045859
rs10440734
rs74925736
rs365113
rs35108910
rs116376669
rs7722725
rs74823953
rs75252609
rs66495175
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GM2A.csv' on 'Acute Lymphoblastic Leukemia'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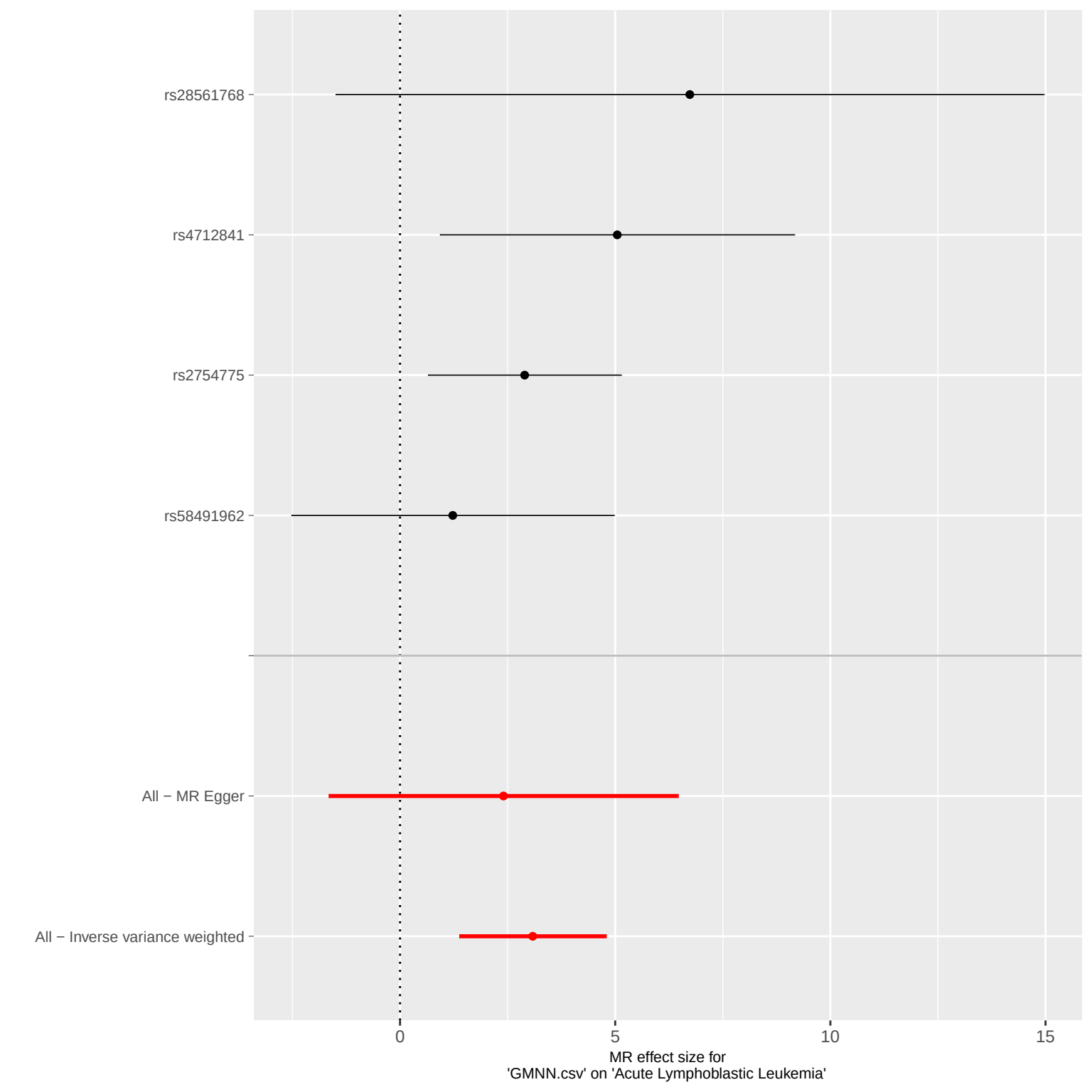
rs79765293
rs56083851
rs17216658
rs62136975
rs11878202
rs73924805
rs12608993
rs117239020
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'GMIP.csv' on 'Acute Lymphoblastic Leukemia'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rs4712841
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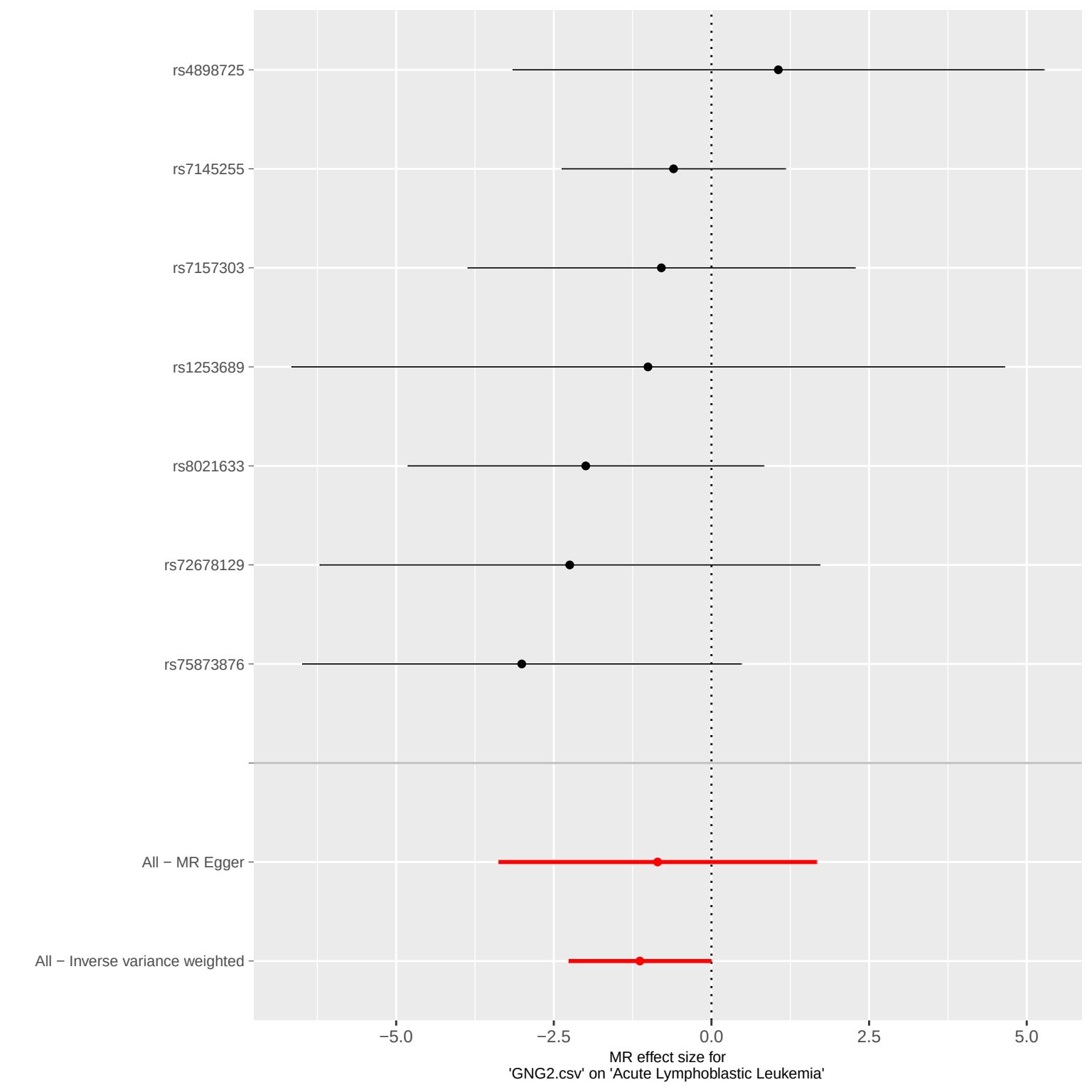
All − MR Egger
All − Inverse variance weighted
0
5
10
15
MR effect size for
'GMNN.csv' on 'Acute Lymphoblastic Leukemia'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rs7145255
rs7157303
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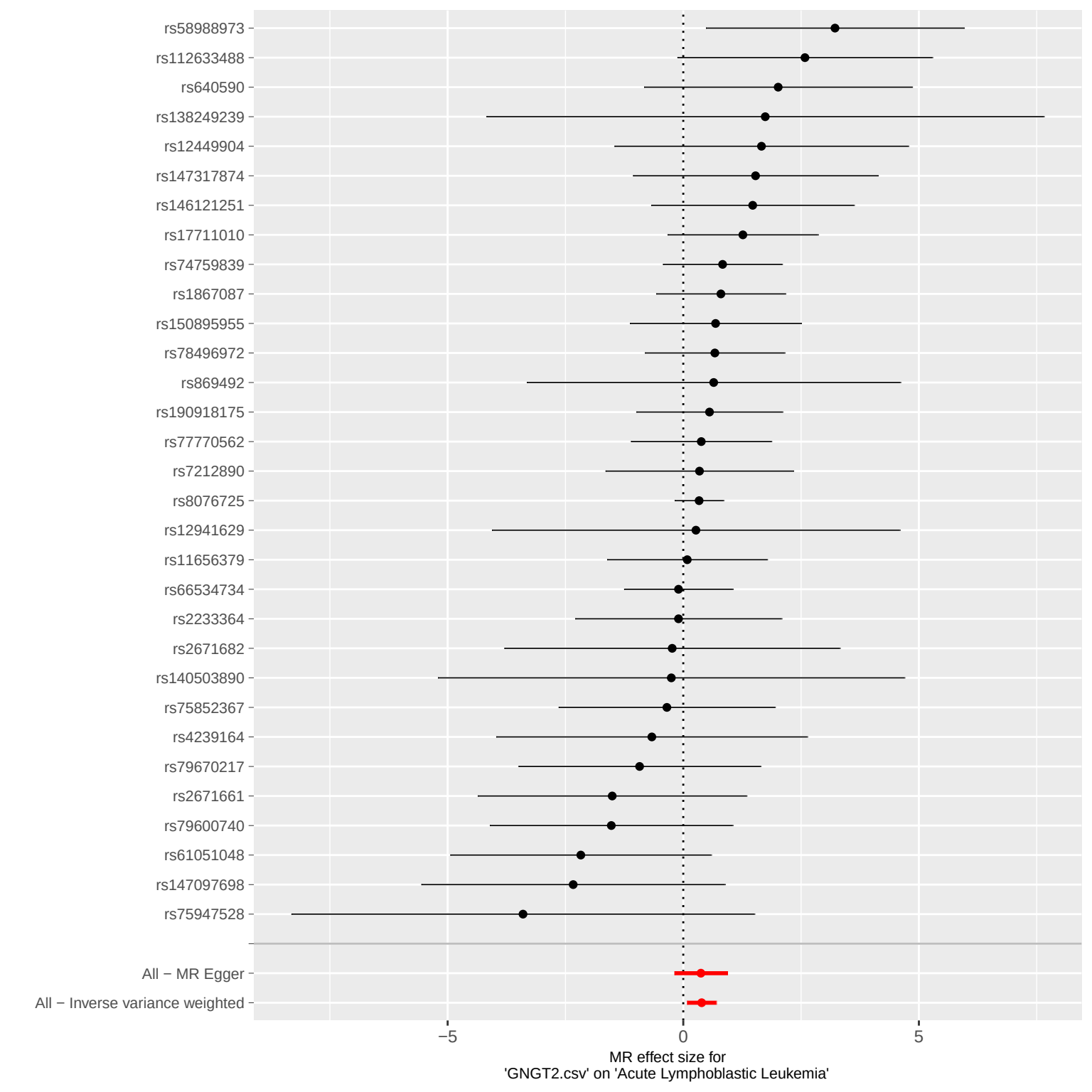
rs8021633
rs72678129
rs75873876
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'GNG2.csv' on 'Acute Lymphoblastic Leukemia'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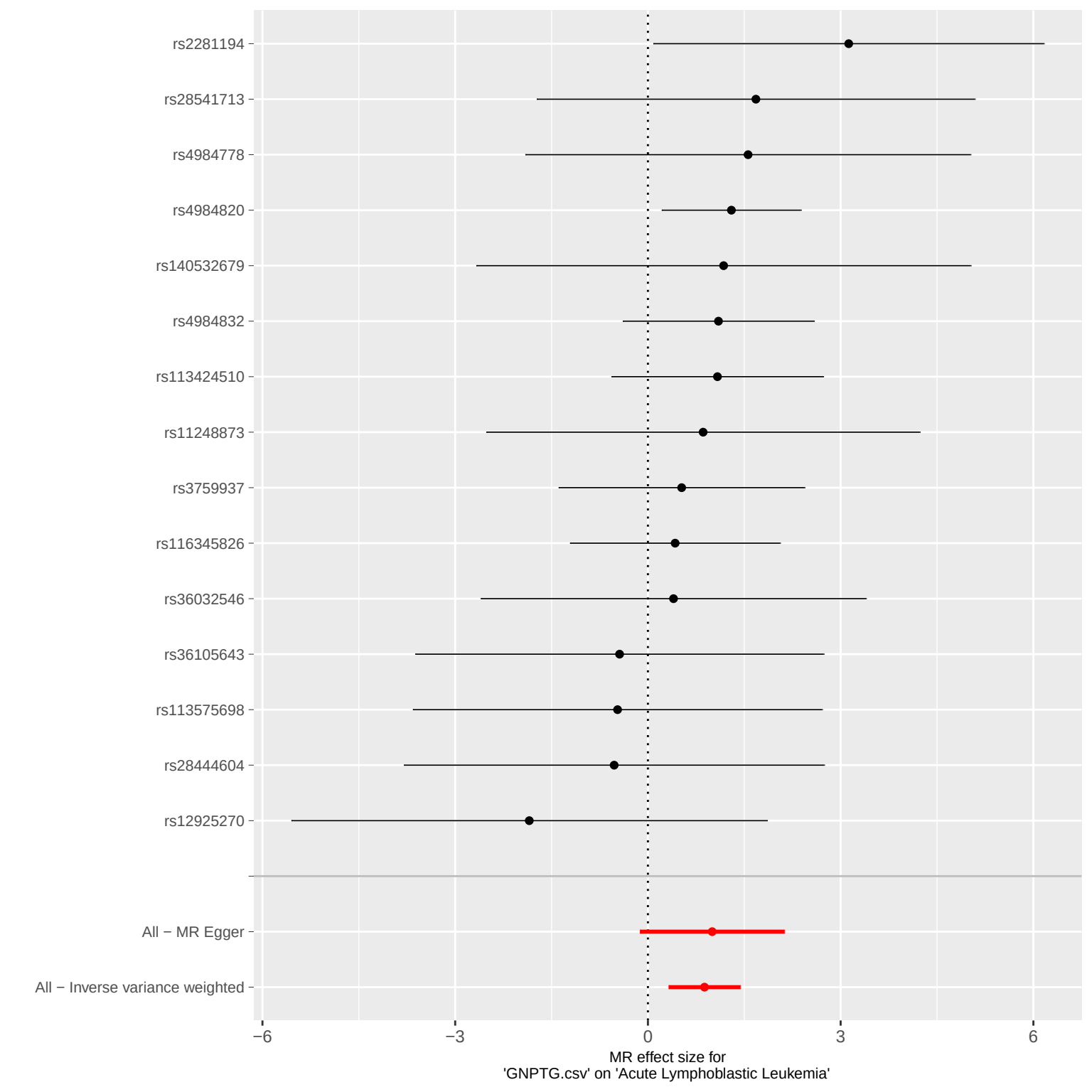
rs1867087
rs150895955
rs78496972
rs869492
rs190918175
rs77770562
rs7212890
rs8076725
rs12941629
rs11656379
rs66534734
rs2233364
rs2671682
rs140503890
rs75852367
rs4239164
rs79670217
rs2671661
rs79600740
rs61051048
rs147097698
rs75947528
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'GNGT2.csv' on 'Acute Lymphoblastic Leukemia'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rs113424510
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rs36032546
rs36105643
rs113575698
rs28444604
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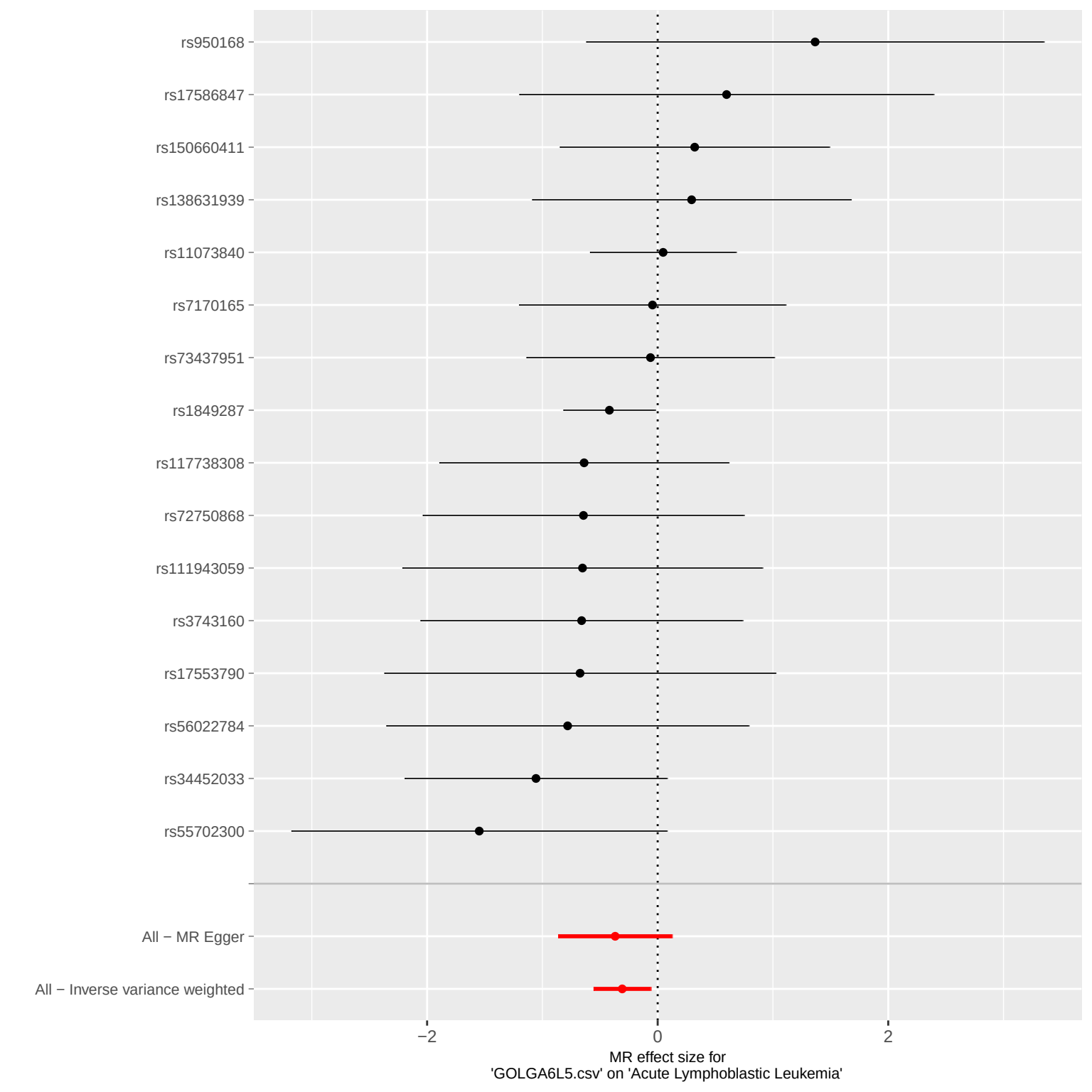
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'GNPTG.csv' on 'Acute Lymphoblastic Leukemia'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rs1849287
rs117738308
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rs111943059
rs3743160
rs17553790
rs56022784
rs34452033
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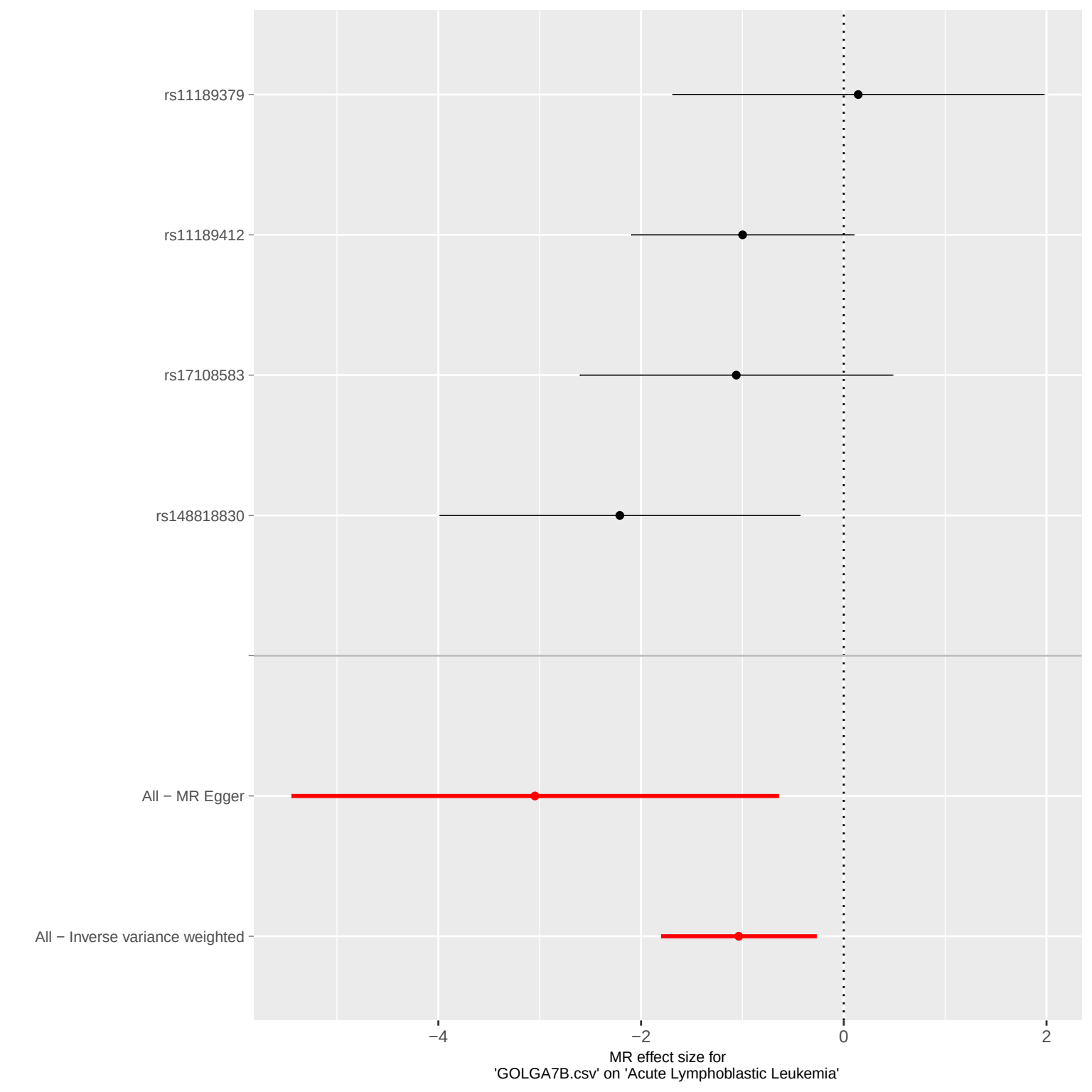
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'GOLGA6L5.csv' on 'Acute Lymphoblastic Leukemia'


rs11189379
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All − MR Egger
All − Inverse variance weighted
−4
−2
0
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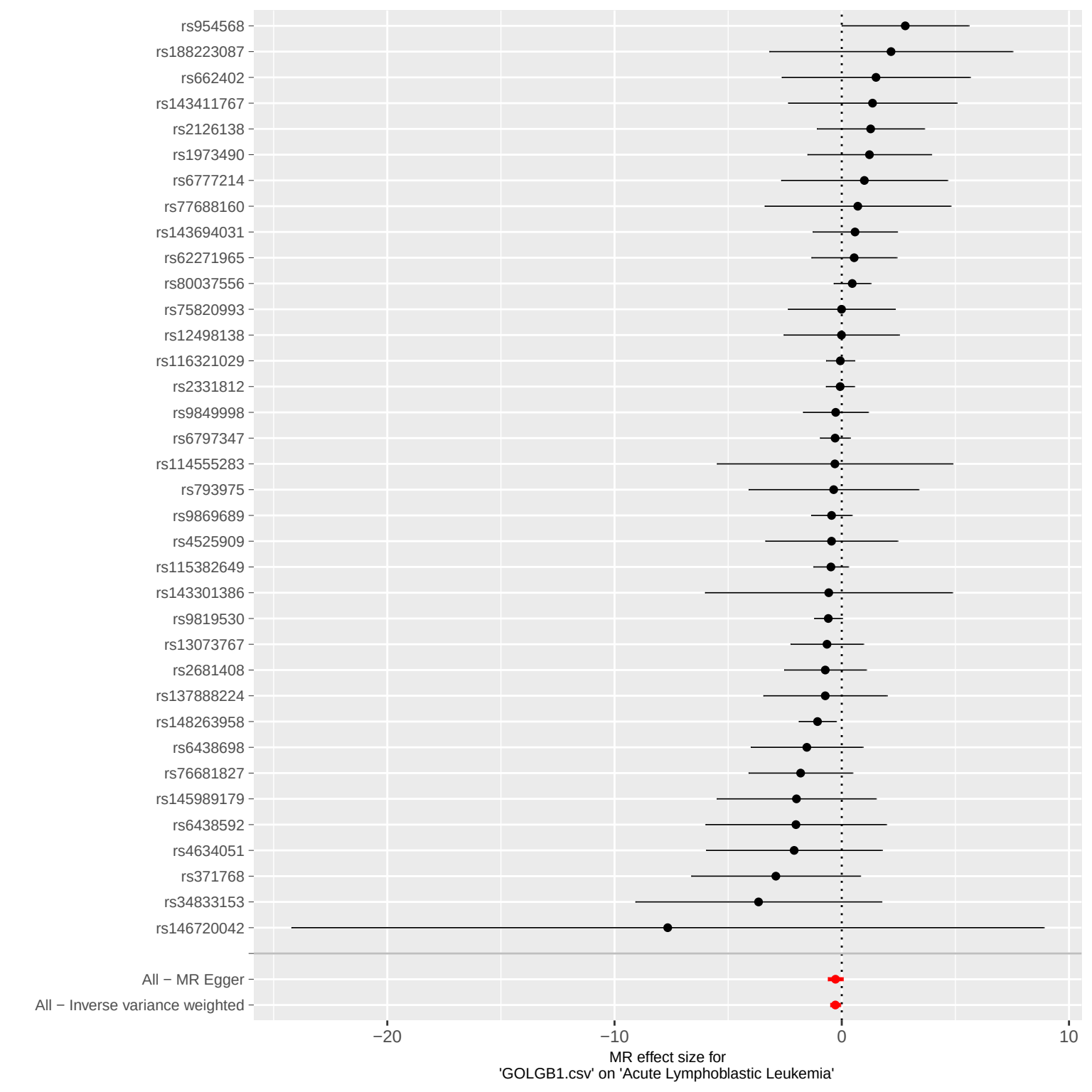
MR effect size for
'GOLGA7B.csv' on 'Acute Lymphoblastic Leukemia'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rs143301386
rs9819530
rs13073767
rs2681408
rs137888224
rs148263958
rs6438698
rs76681827
rs145989179
rs6438592
rs4634051
rs371768
rs34833153
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All − MR Egger
All − Inverse variance weighted
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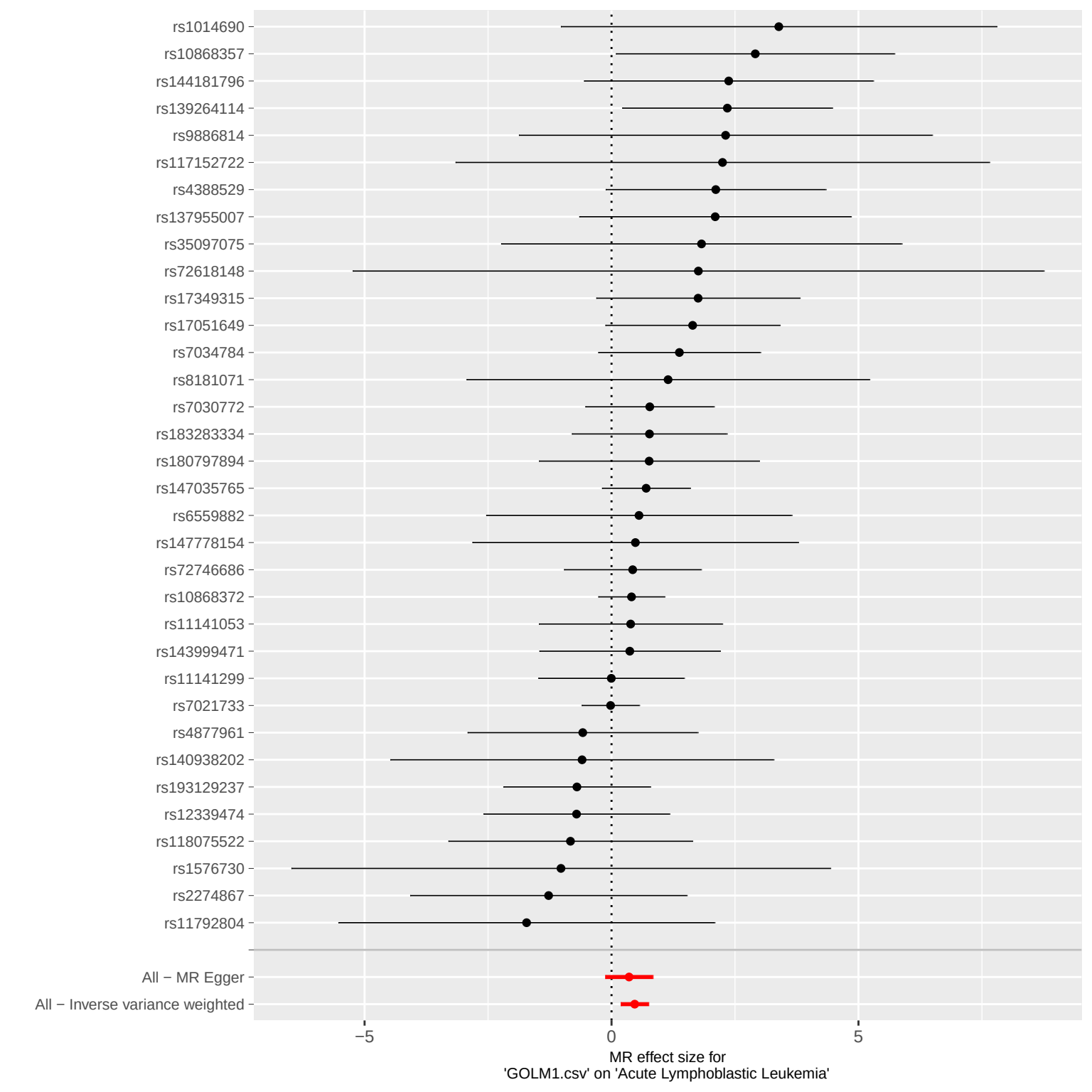
−10
0
10
MR effect size for
'GOLGB1.csv' on 'Acute Lymphoblastic Leukemia'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rs147778154
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rs10868372
rs11141053
rs143999471
rs11141299
rs7021733
rs4877961
rs140938202
rs193129237
rs12339474
rs118075522
rs1576730
rs2274867
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All − MR Egger
All − Inverse variance weighted
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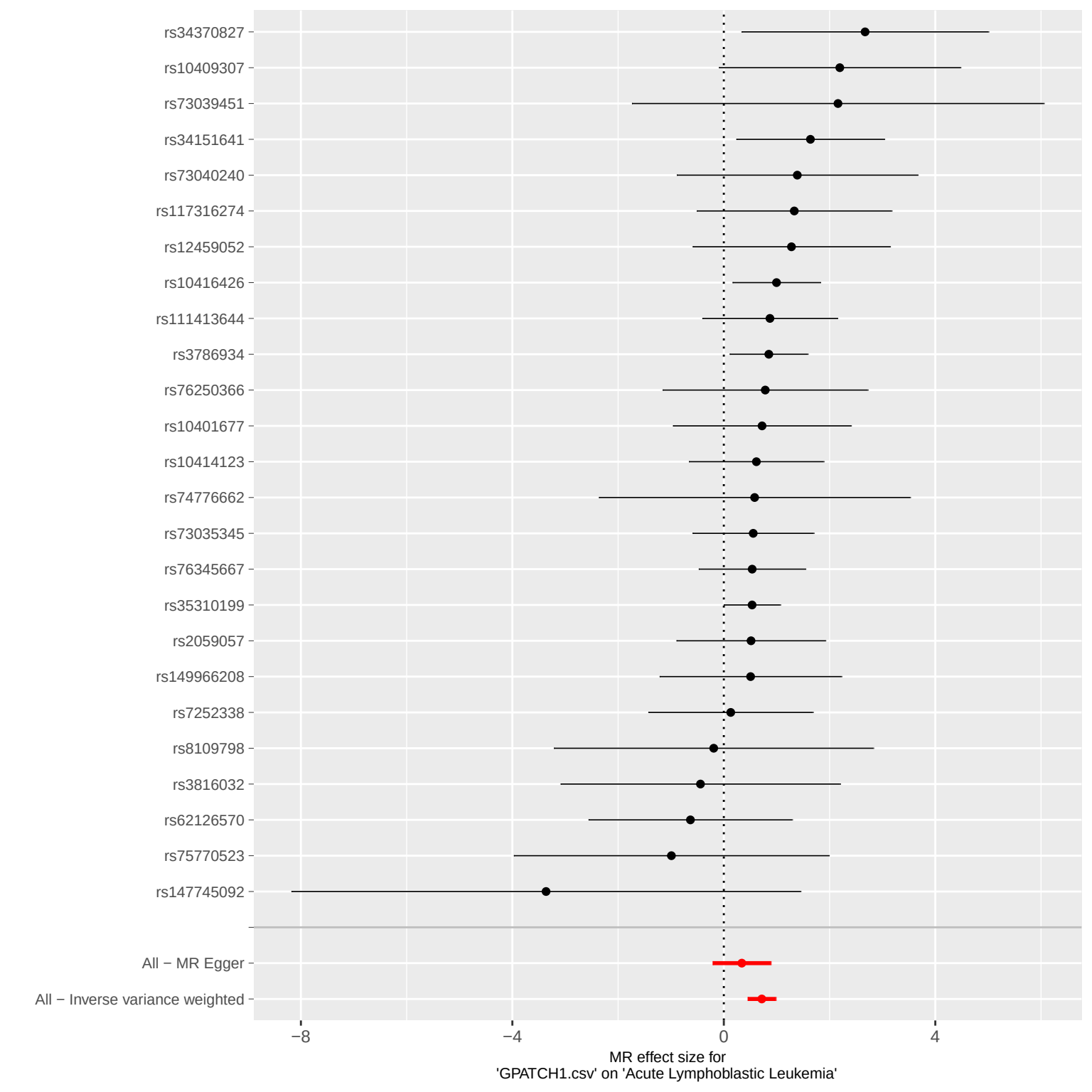
5
MR effect size for
'GOLM1.csv' on 'Acute Lymphoblastic Leukemia'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rs149966208
rs7252338
rs8109798
rs3816032
rs62126570
rs75770523
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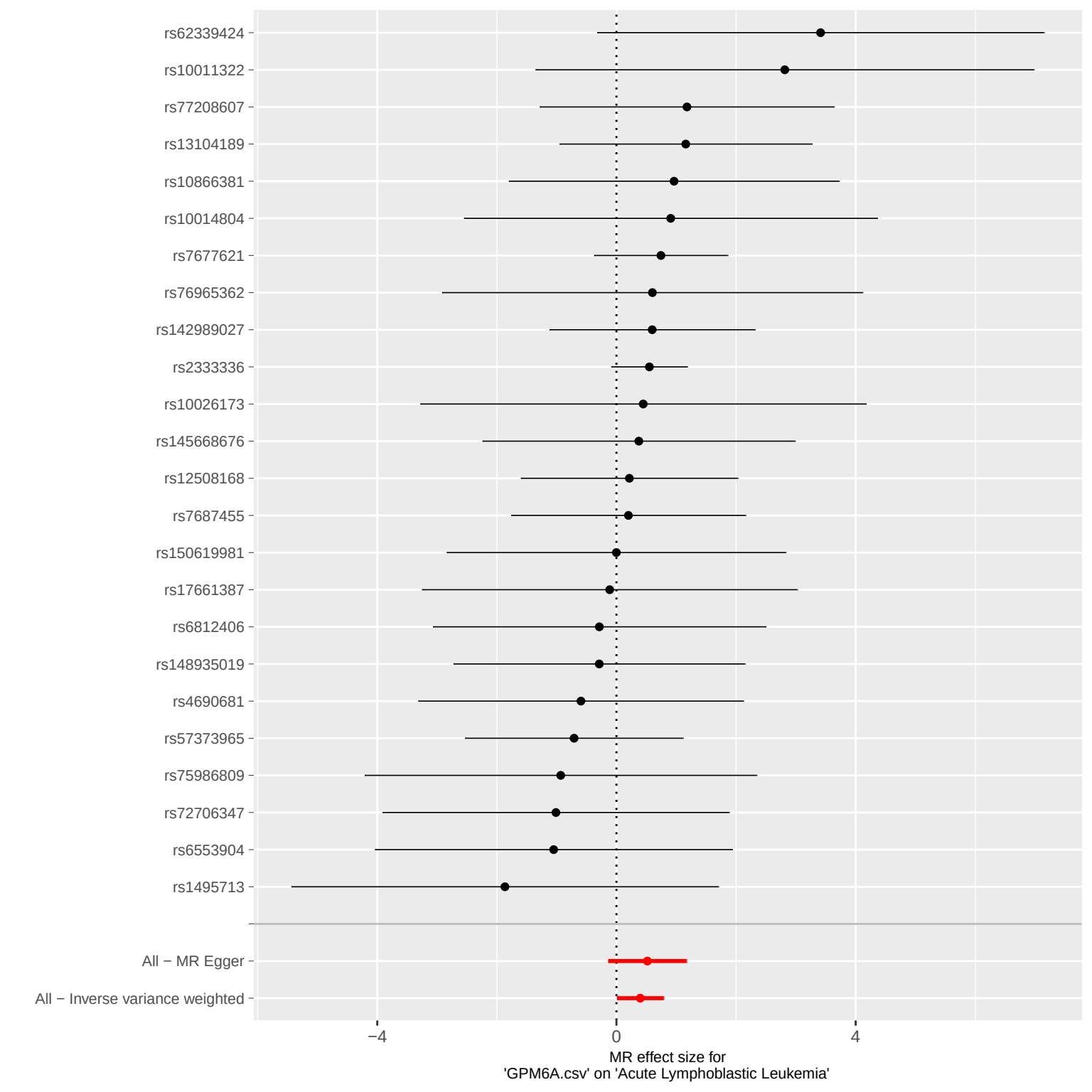
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'GPATCH1.csv' on 'Acute Lymphoblastic Leukemia'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rs6812406
rs148935019
rs4690681
rs57373965
rs75986809
rs72706347
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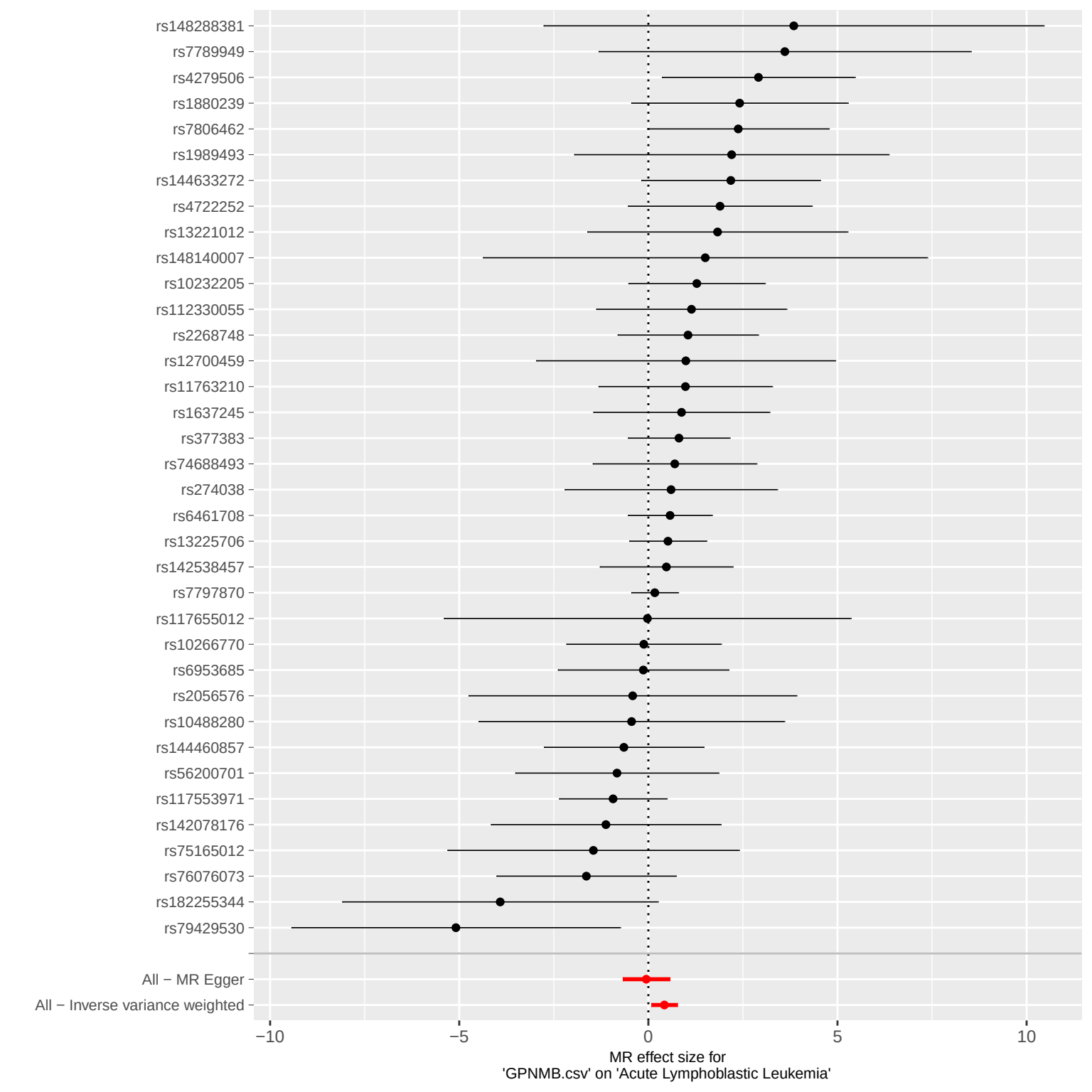
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'GPM6A.csv' on 'Acute Lymphoblastic Leukemia'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rs117553971
rs142078176
rs75165012
rs76076073
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
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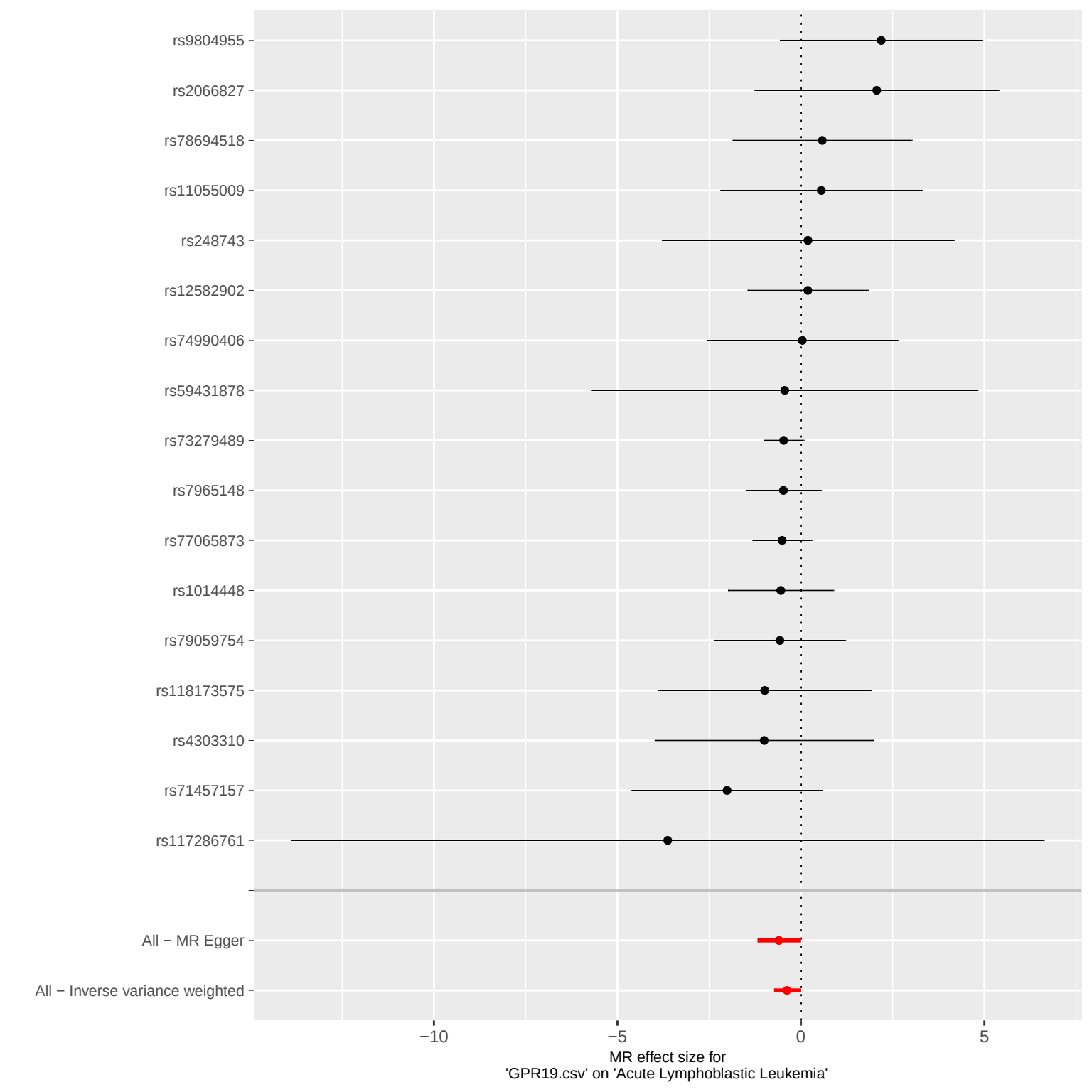
MR effect size for
'GPNMB.csv' on 'Acute Lymphoblastic Leukemia'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rs79059754
rs118173575
rs4303310
rs71457157
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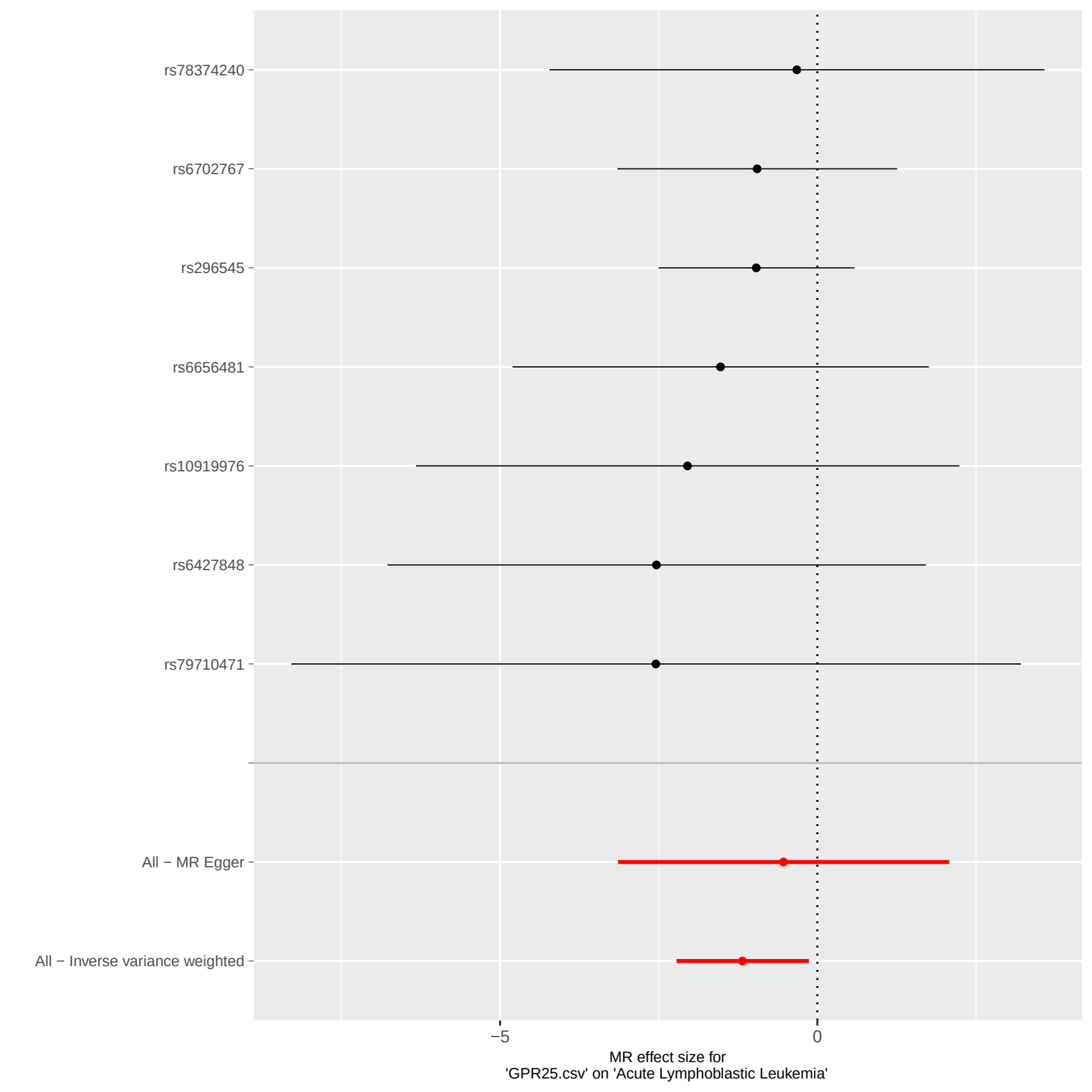
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'GPR19.csv' on 'Acute Lymphoblastic Leukemia'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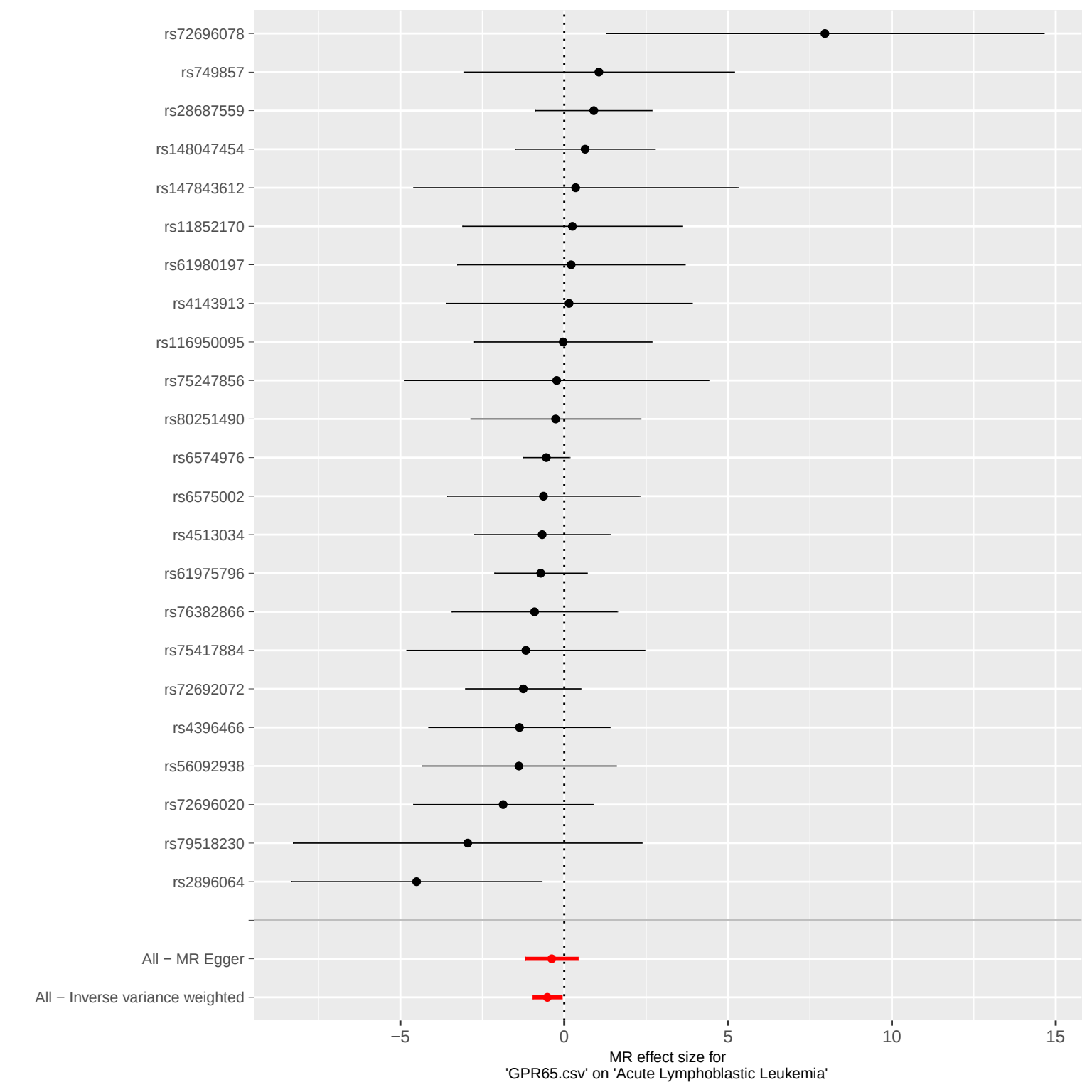
rs6656481
rs10919976
rs6427848
rs79710471
All − MR Egger
All − Inverse variance weighted
−5
0
MR effect size for
'GPR25.csv' on 'Acute Lymphoblastic Leukemia'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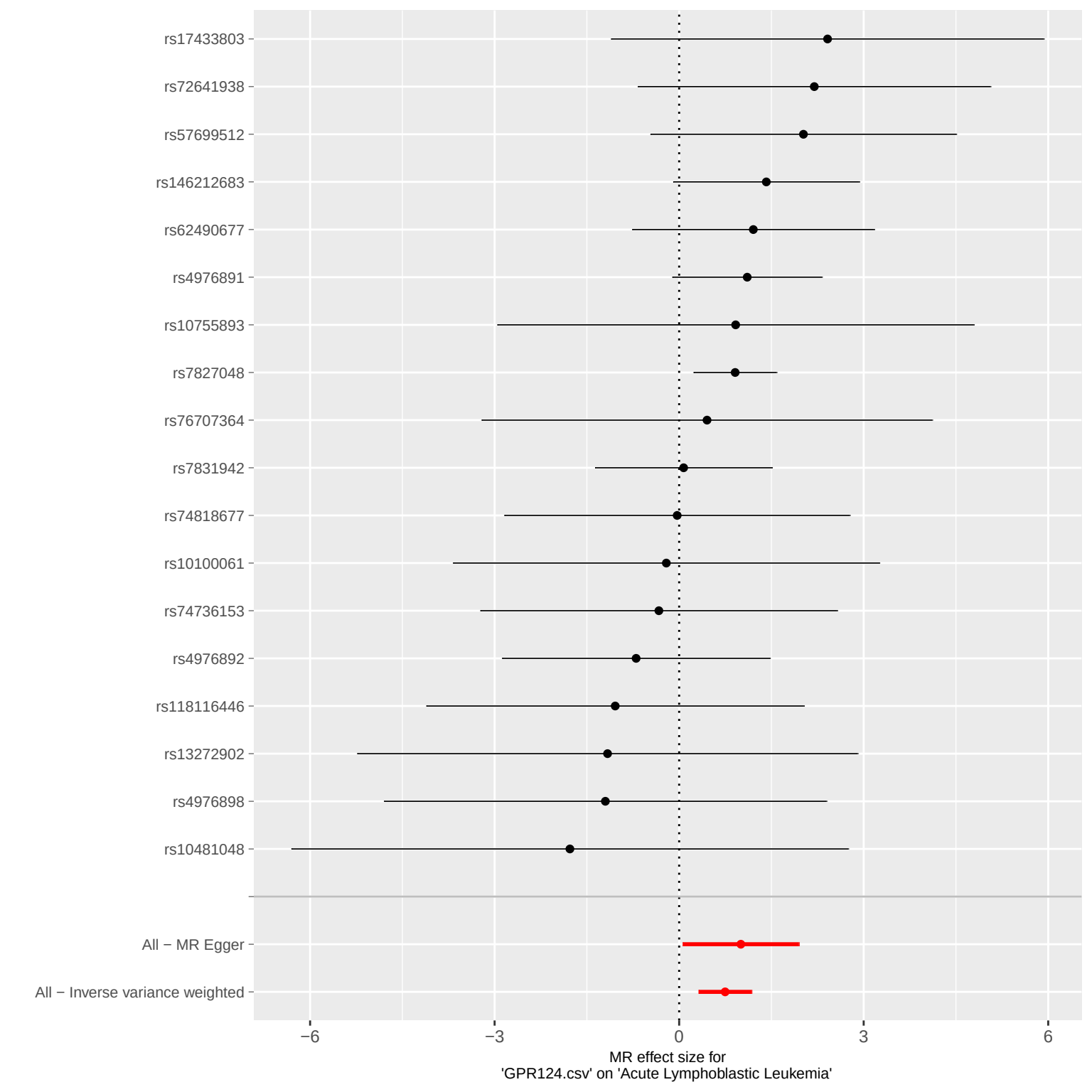
rs72692072
rs4396466
rs56092938
rs72696020
rs79518230
rs2896064
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'GPR65.csv' on 'Acute Lymphoblastic Leukemia'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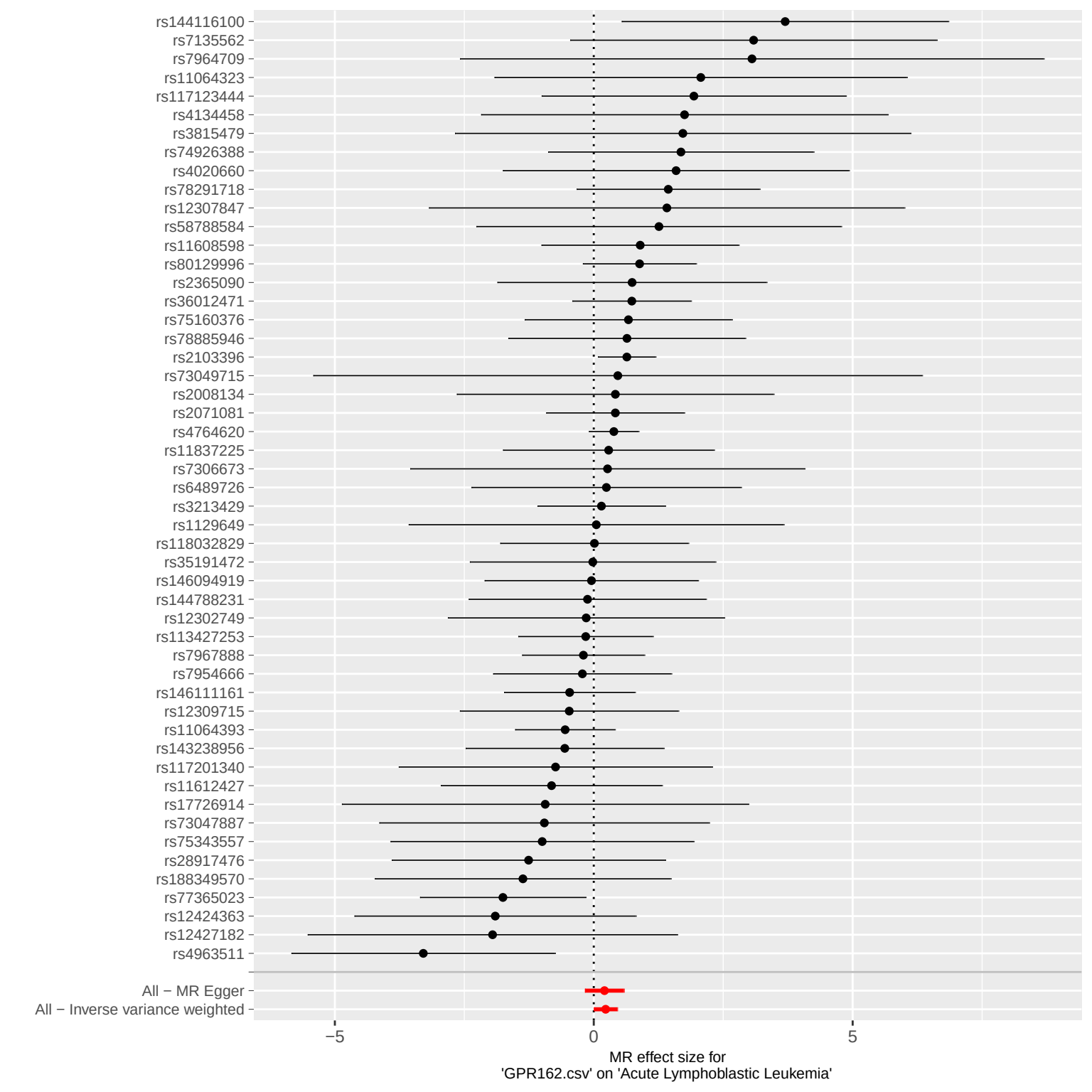
rs10100061
rs74736153
rs4976892
rs118116446
rs13272902
rs4976898
rs10481048
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'GPR124.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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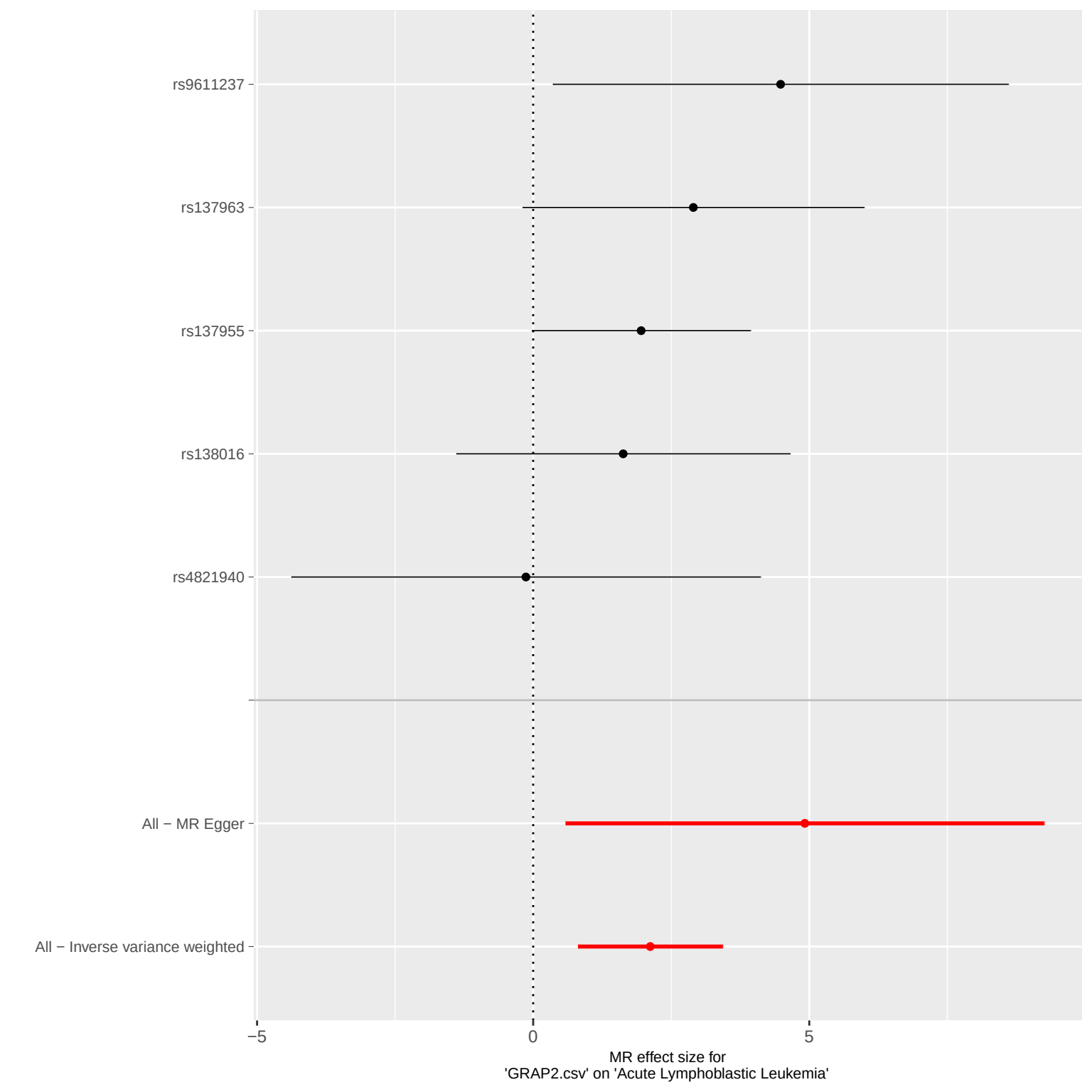
MR effect size for
'GPR162.csv' on 'Acute Lymphoblastic Leukemia'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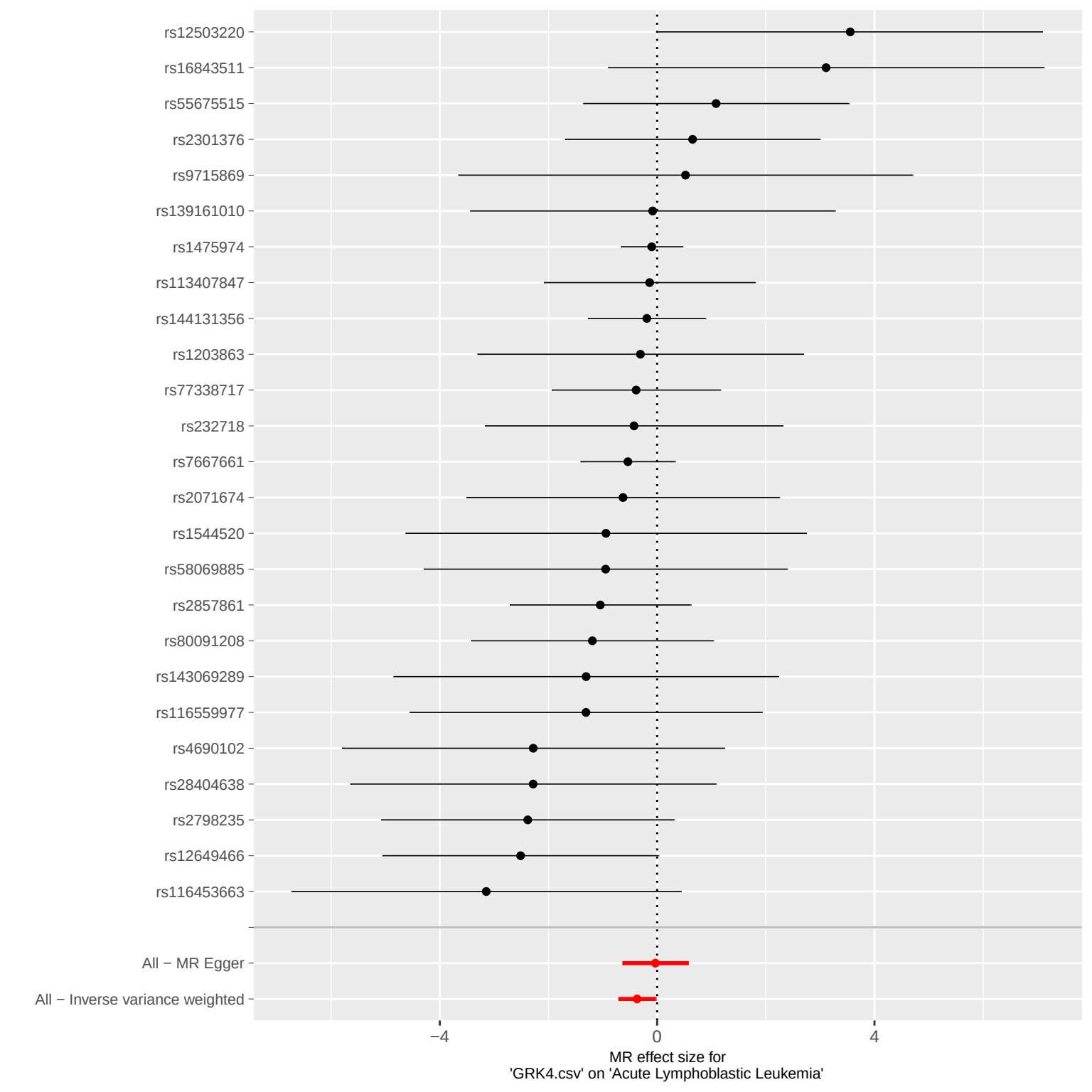
rs137955
rs138016
rs4821940
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'GRAP2.csv' on 'Acute Lymphoblastic Leukemia'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rs1475974
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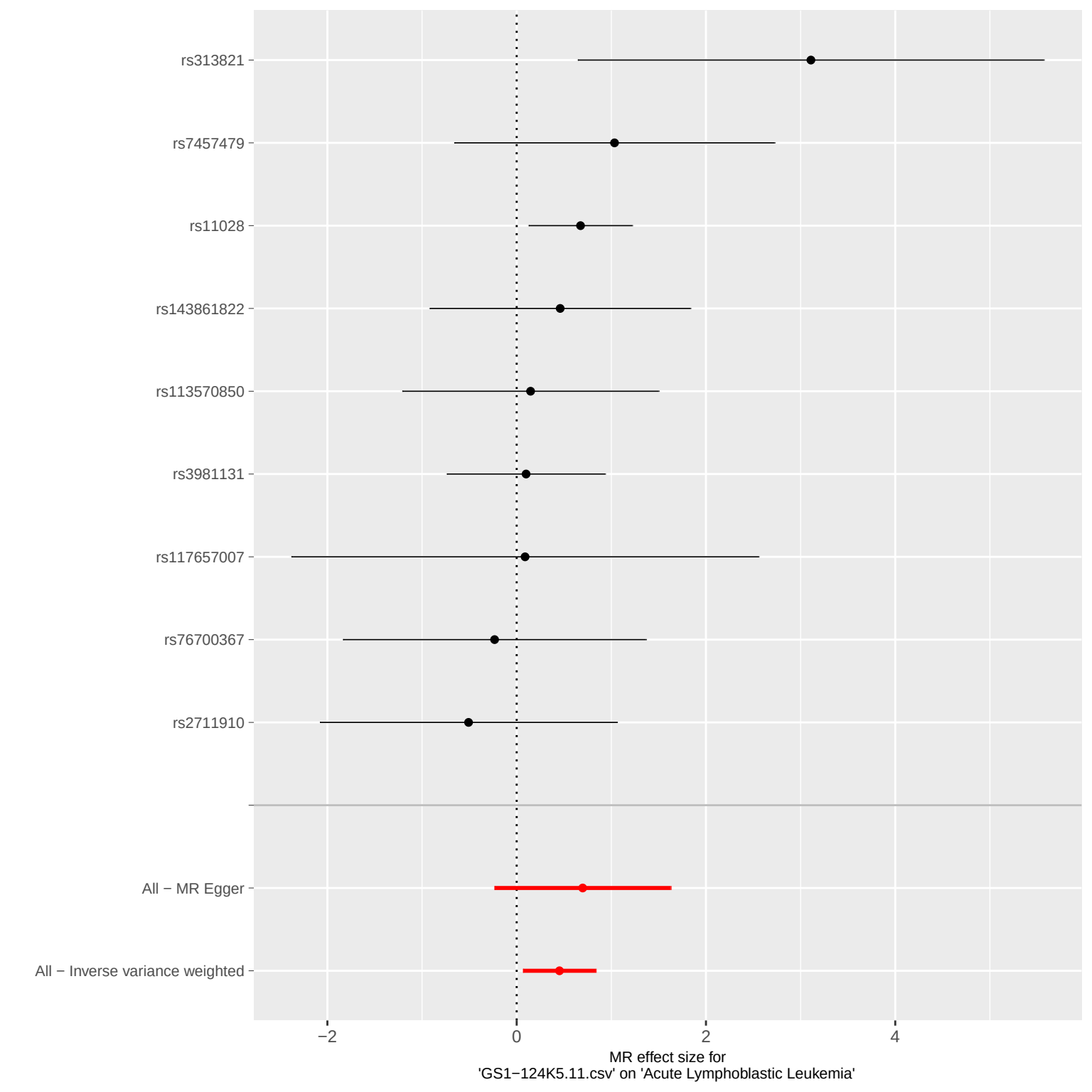
rs232718
rs7667661
rs2071674
rs1544520
rs58069885
rs2857861
rs80091208
rs143069289
rs116559977
rs4690102
rs28404638
rs2798235
rs12649466
rs116453663
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'GRK4.csv' on 'Acute Lymphoblastic Leukemia'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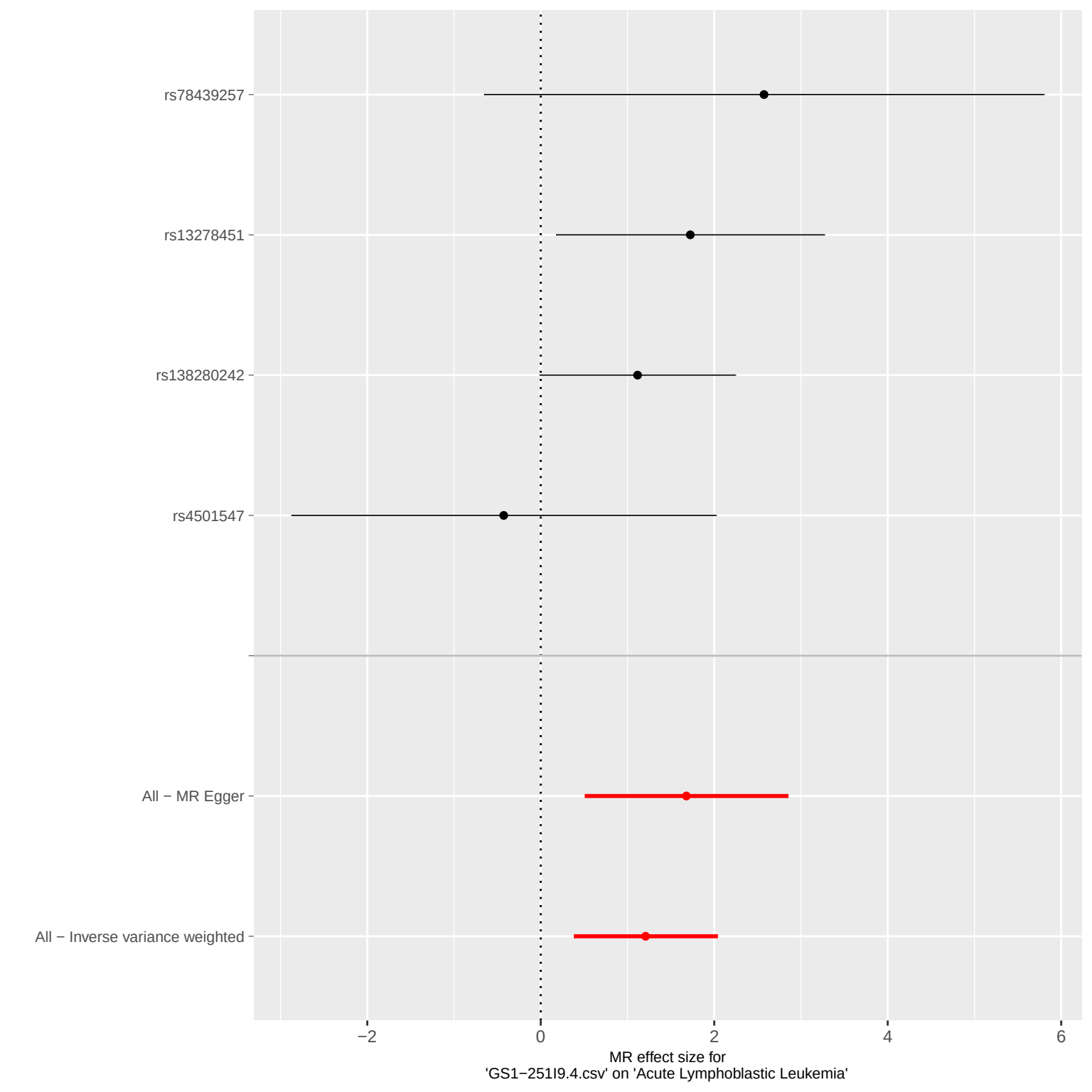
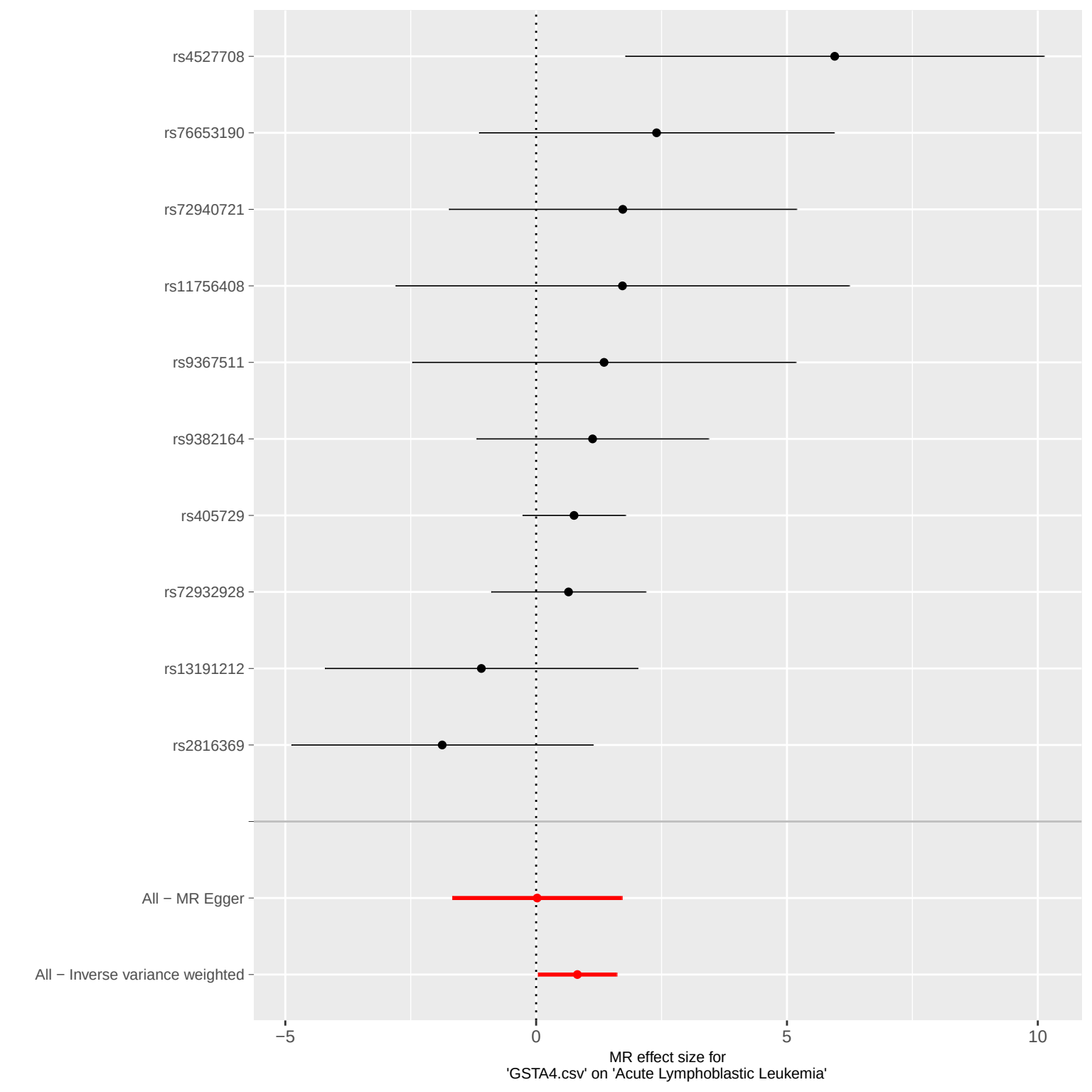
rs7457479
rs11028
rs143861822
rs113570850
rs3981131
rs117657007
rs76700367
rs2711910
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'GS1−124K5.11.csv' on 'Acute Lymphoblastic Leukemia'


rs78439257
rs13278451
rs138280242
rs4501547
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'GS1−251I9.4.csv' on 'Acute Lymphoblastic Leukemia'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rs72932928
rs13191212
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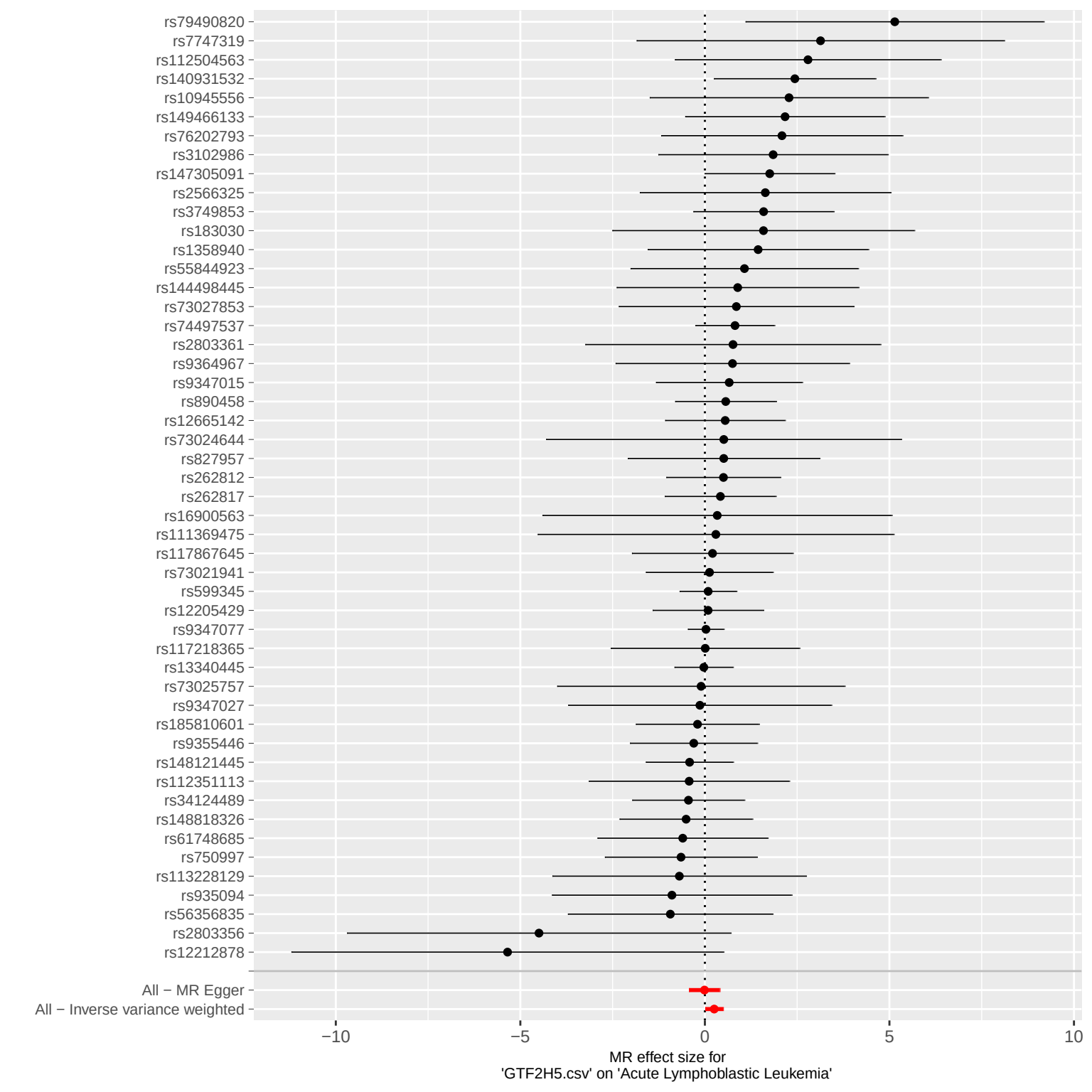
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GSTA4.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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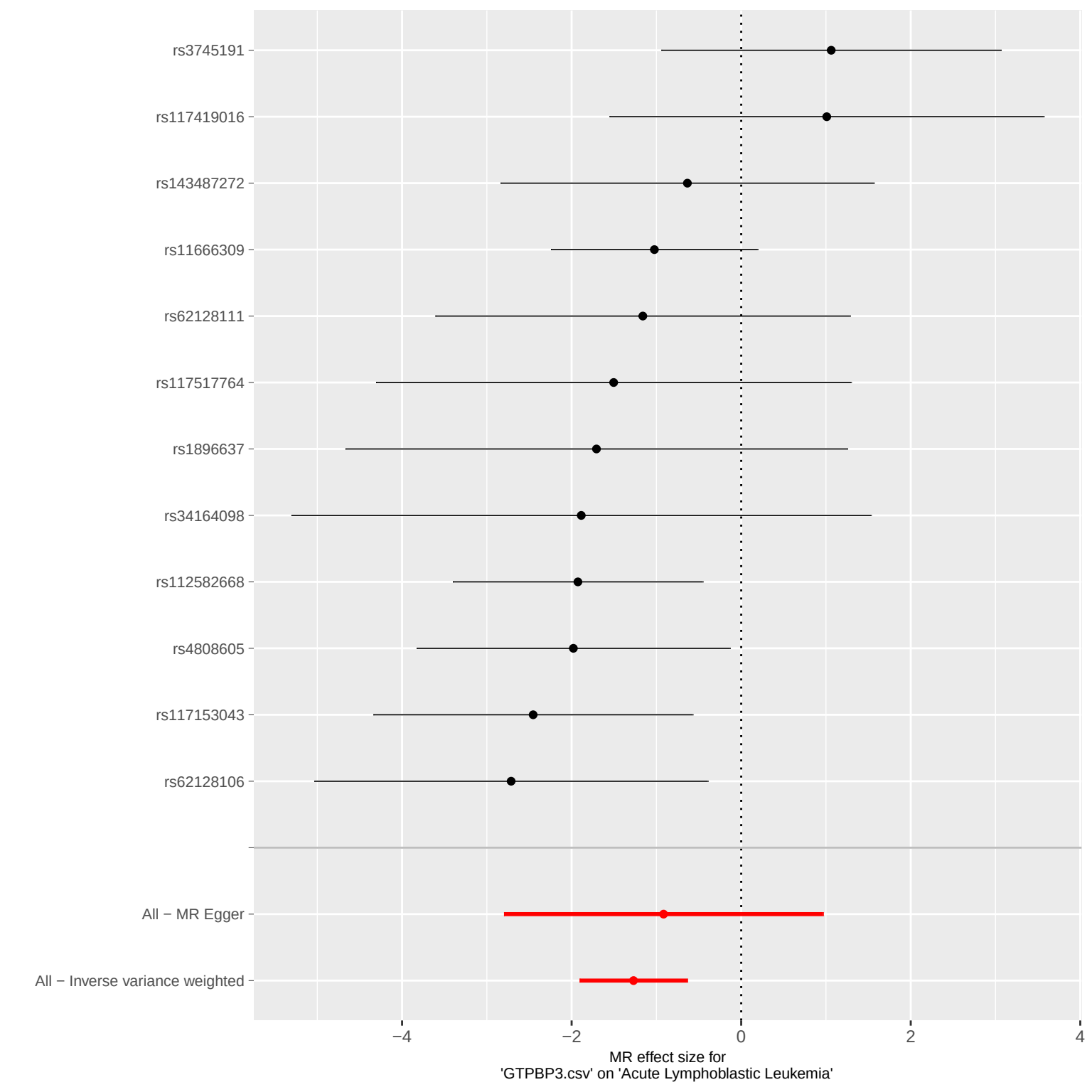
MR effect size for
'GTF2H5.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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2
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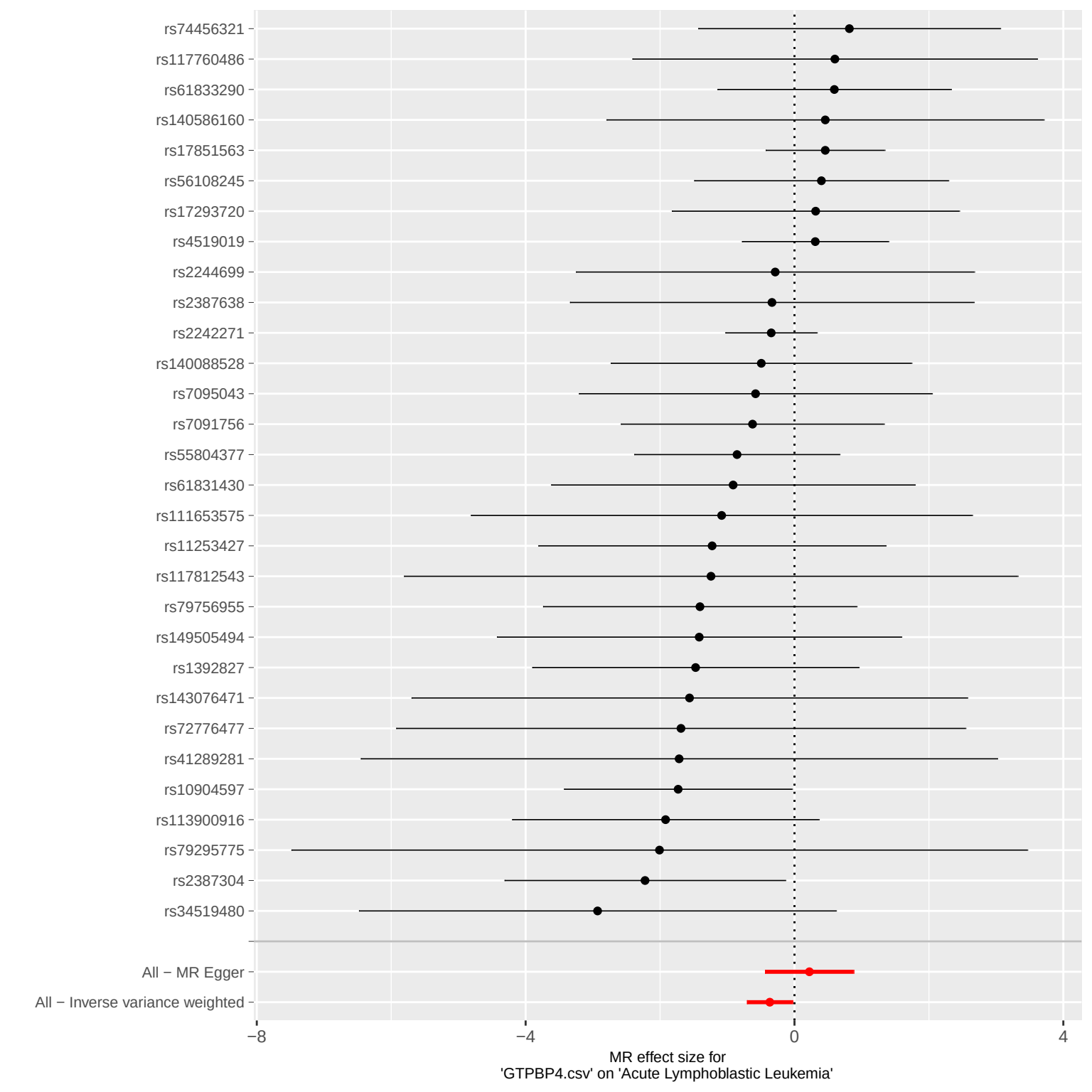
MR effect size for
'GTPBP3.csv' on 'Acute Lymphoblastic Leukemia'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rs7095043
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rs55804377
rs61831430
rs111653575
rs11253427
rs117812543
rs79756955
rs149505494
rs1392827
rs143076471
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rs41289281
rs10904597
rs113900916
rs79295775
rs2387304
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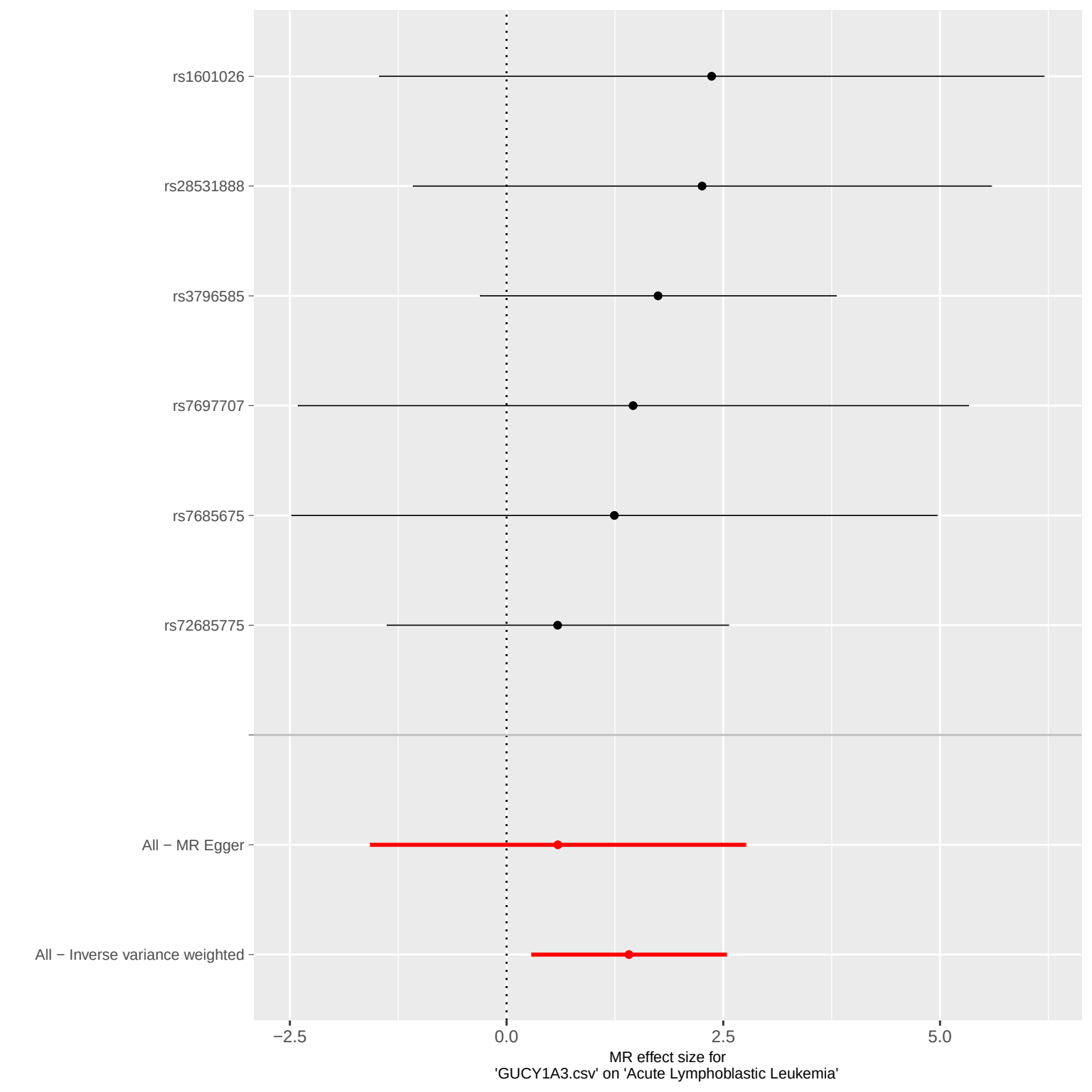
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'GTPBP4.csv' on 'Acute Lymphoblastic Leukemia'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rs7685675
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All − MR Egger
All − Inverse variance weighted
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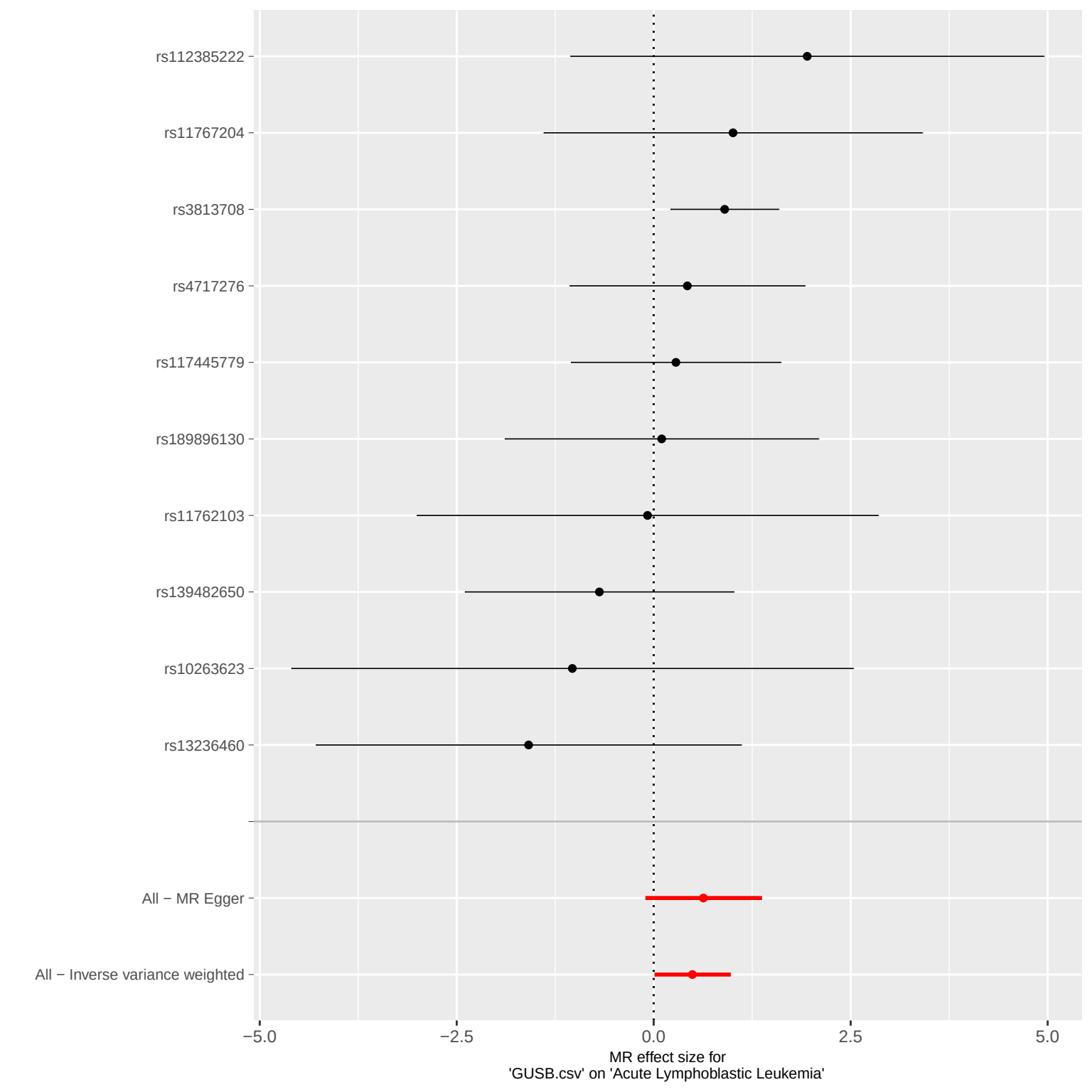
2.5
5.0
MR effect size for
'GUCY1A3.csv' on 'Acute Lymphoblastic Leukemia'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rs117445779
rs189896130
rs11762103
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rs13236460
All − MR Egger
All − Inverse variance weighted
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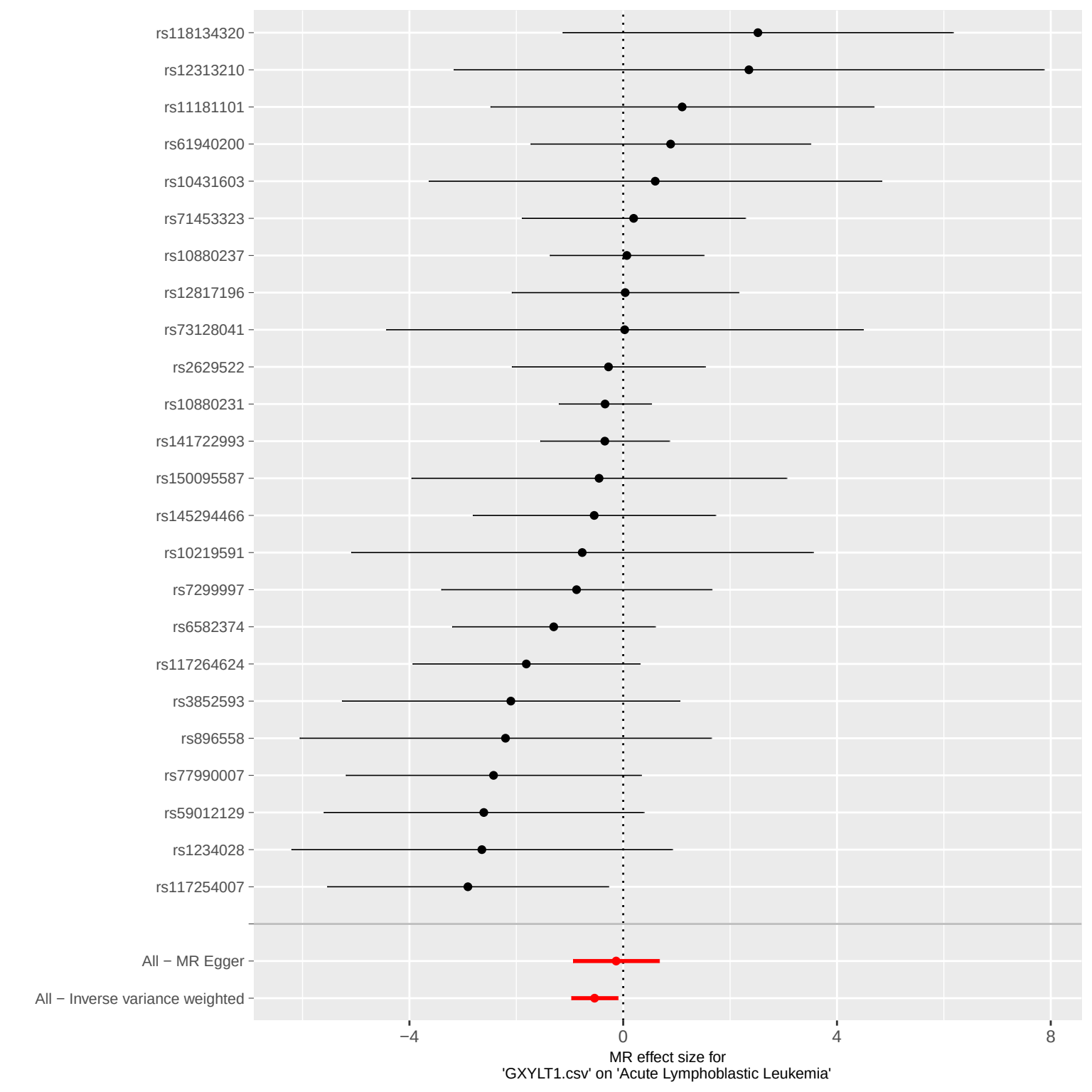
−2.5
0.0
2.5
5.0
MR effect size for
'GUSB.csv' on 'Acute Lymphoblastic Leukemia'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rs896558
rs77990007
rs59012129
rs1234028
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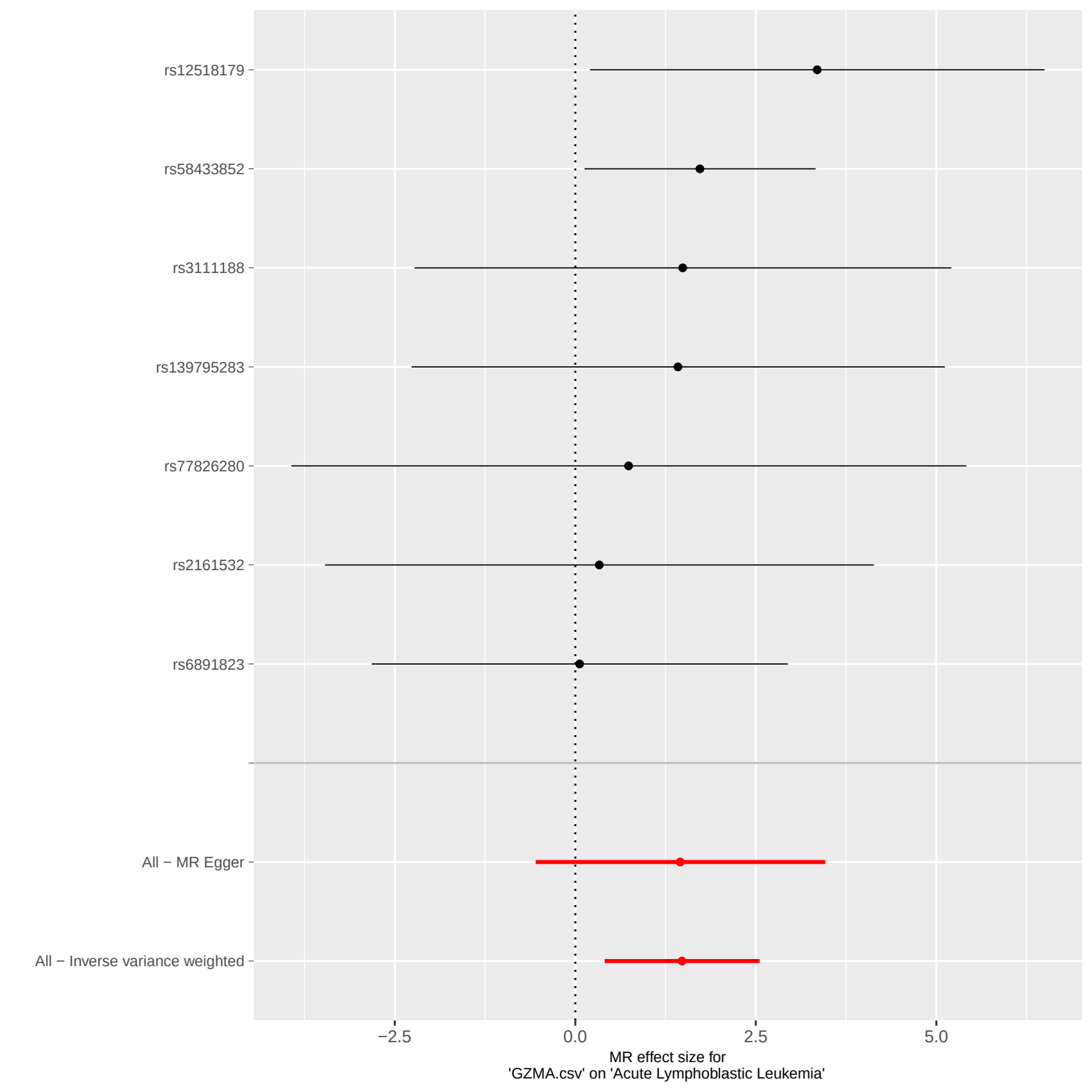
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'GXYLT1.csv' on 'Acute Lymphoblastic Leukemia'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rs139795283
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All − MR Egger
All − Inverse variance weighted
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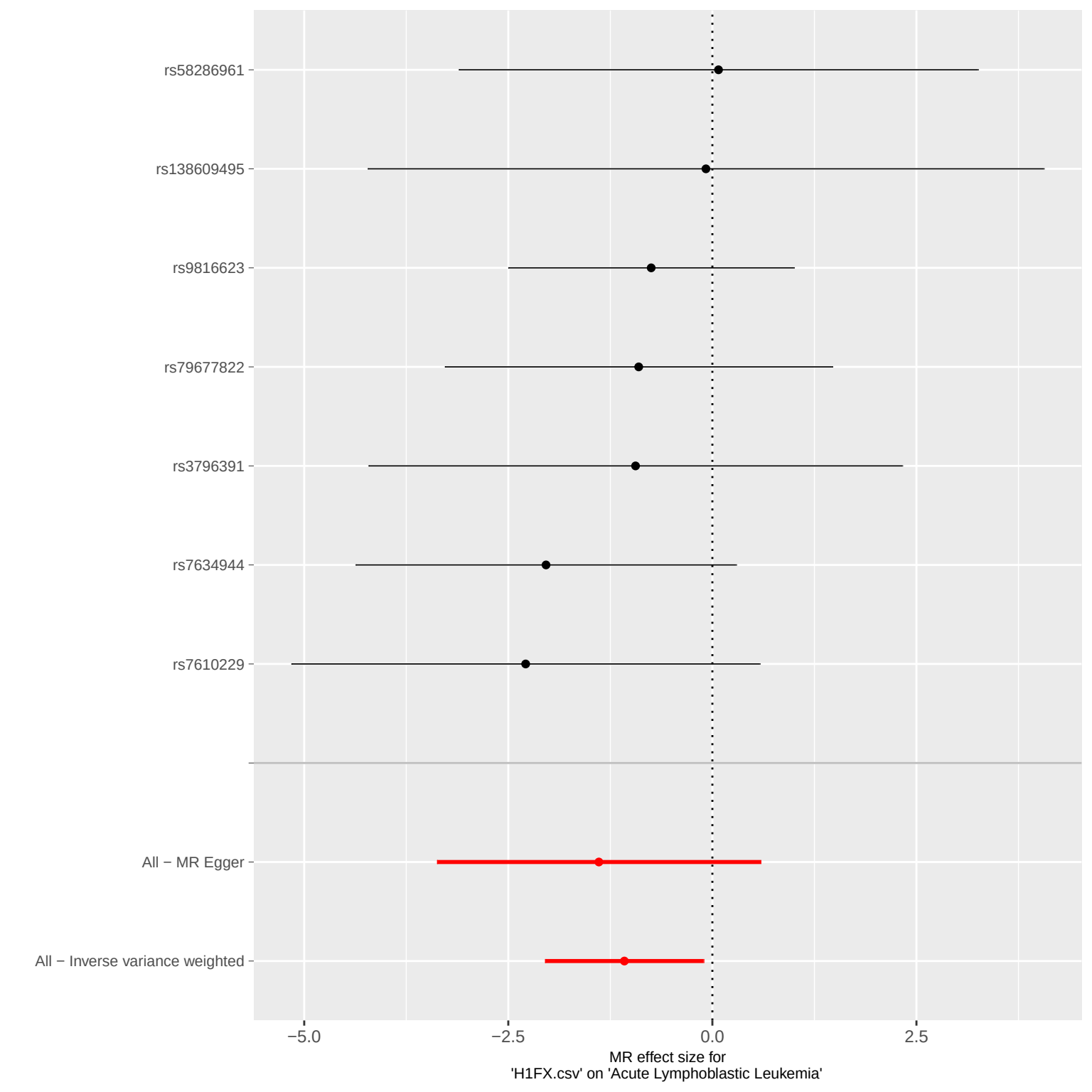
0.0
2.5
5.0
MR effect size for
'GZMA.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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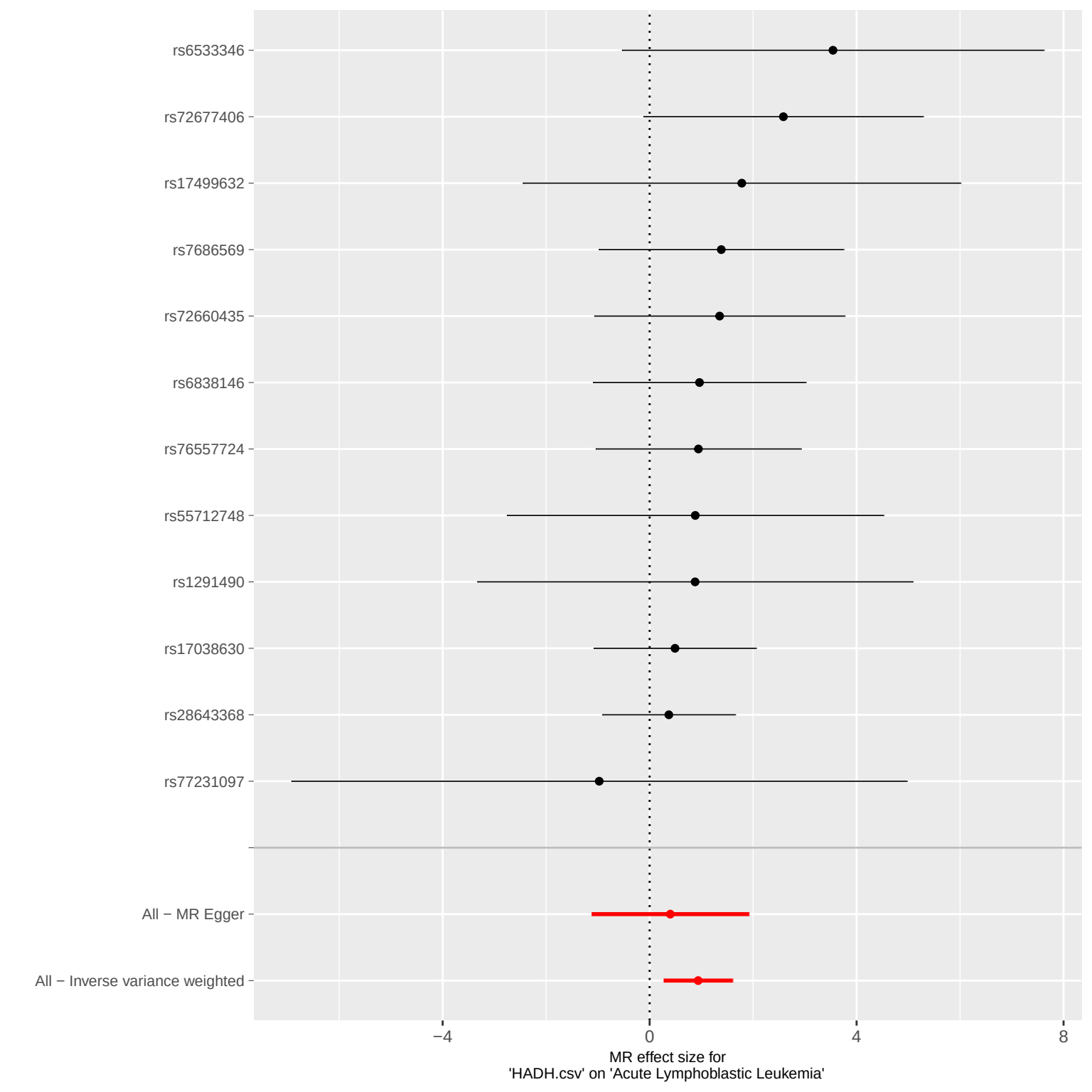
−2.5
0.0
2.5
MR effect size for
'H1FX.csv' on 'Acute Lymphoblastic Leukemia'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rs55712748
rs1291490
rs17038630
rs28643368
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All − MR Egger
All − Inverse variance weighted
−4
0
4
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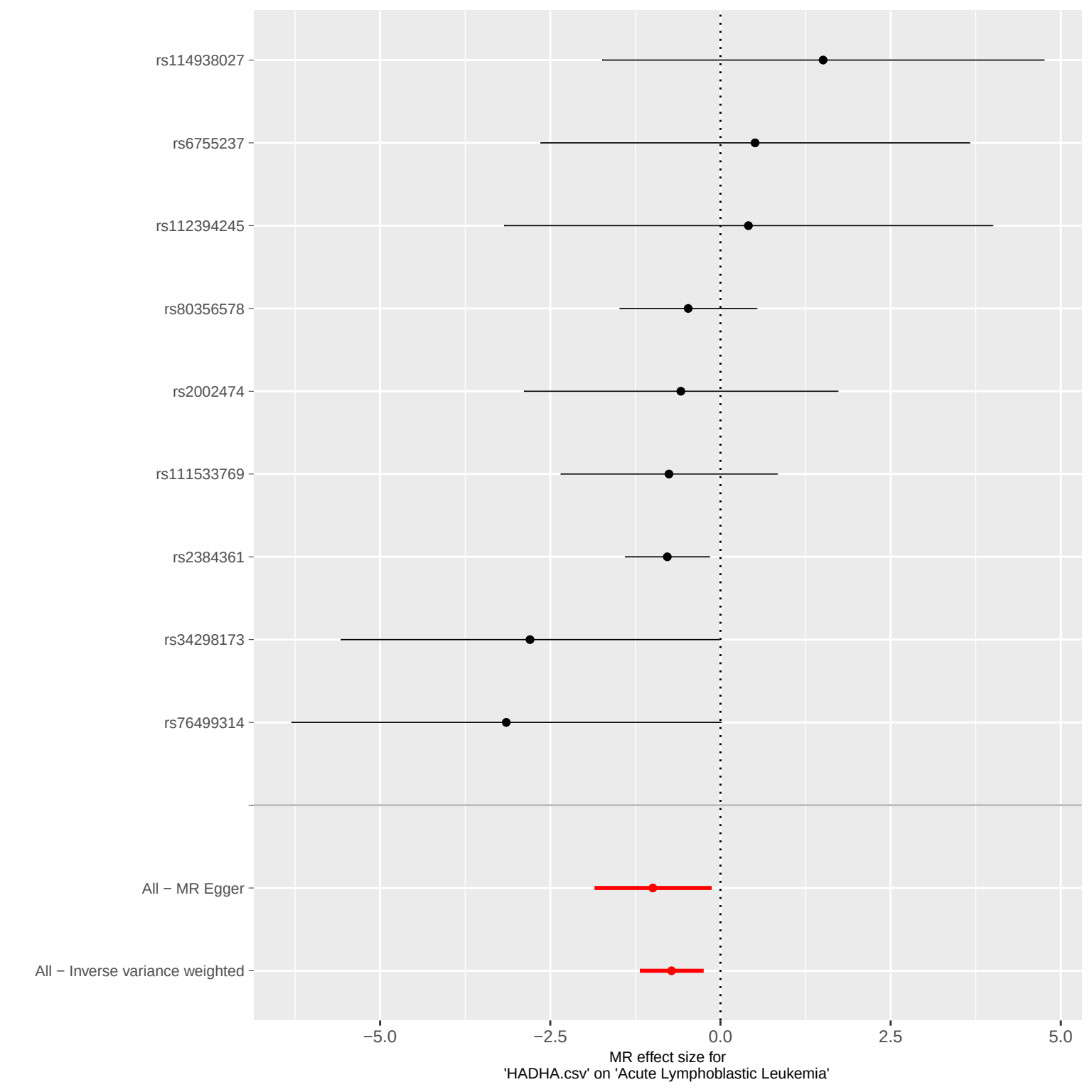
MR effect size for
'HADH.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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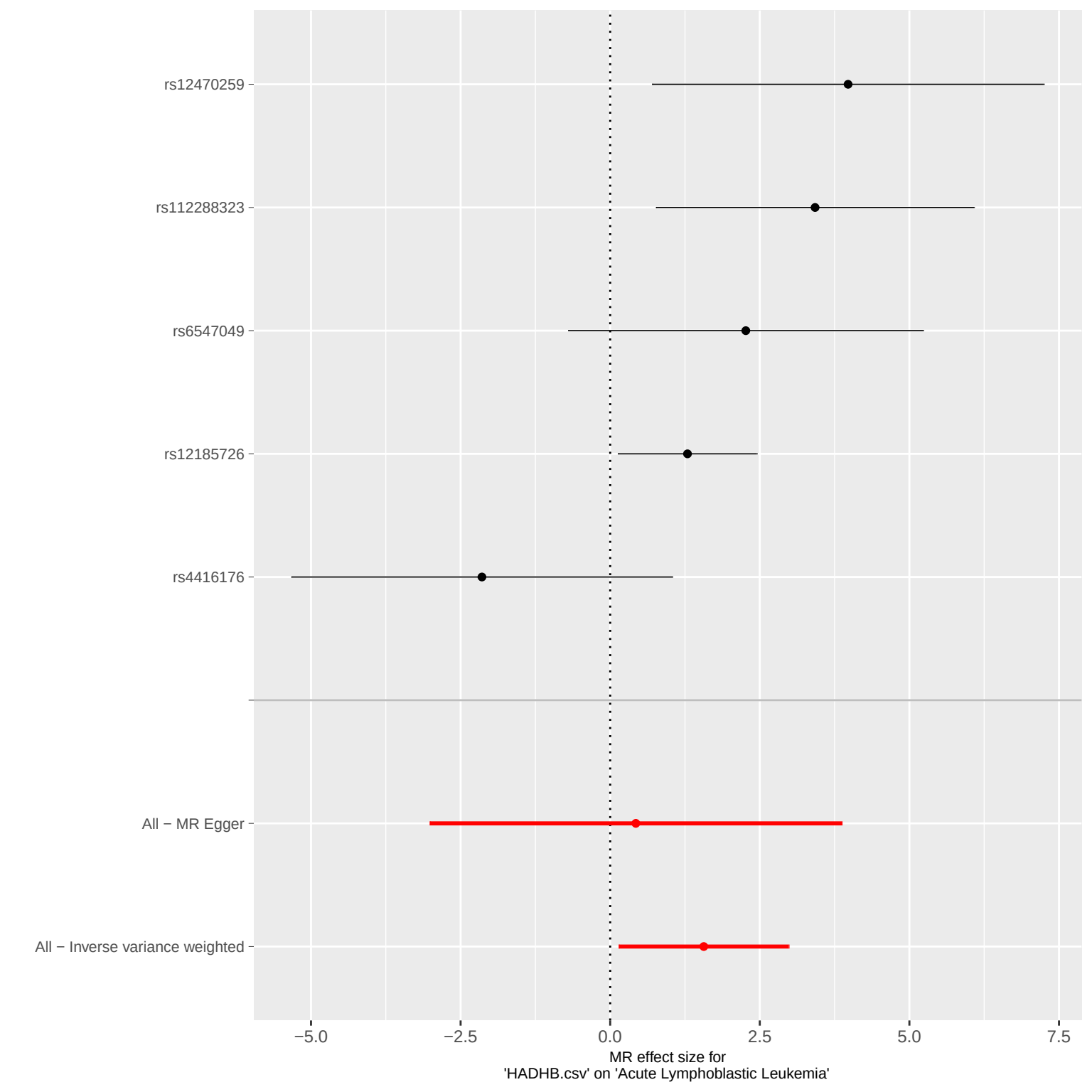
−2.5
0.0
2.5
5.0
MR effect size for
'HADHA.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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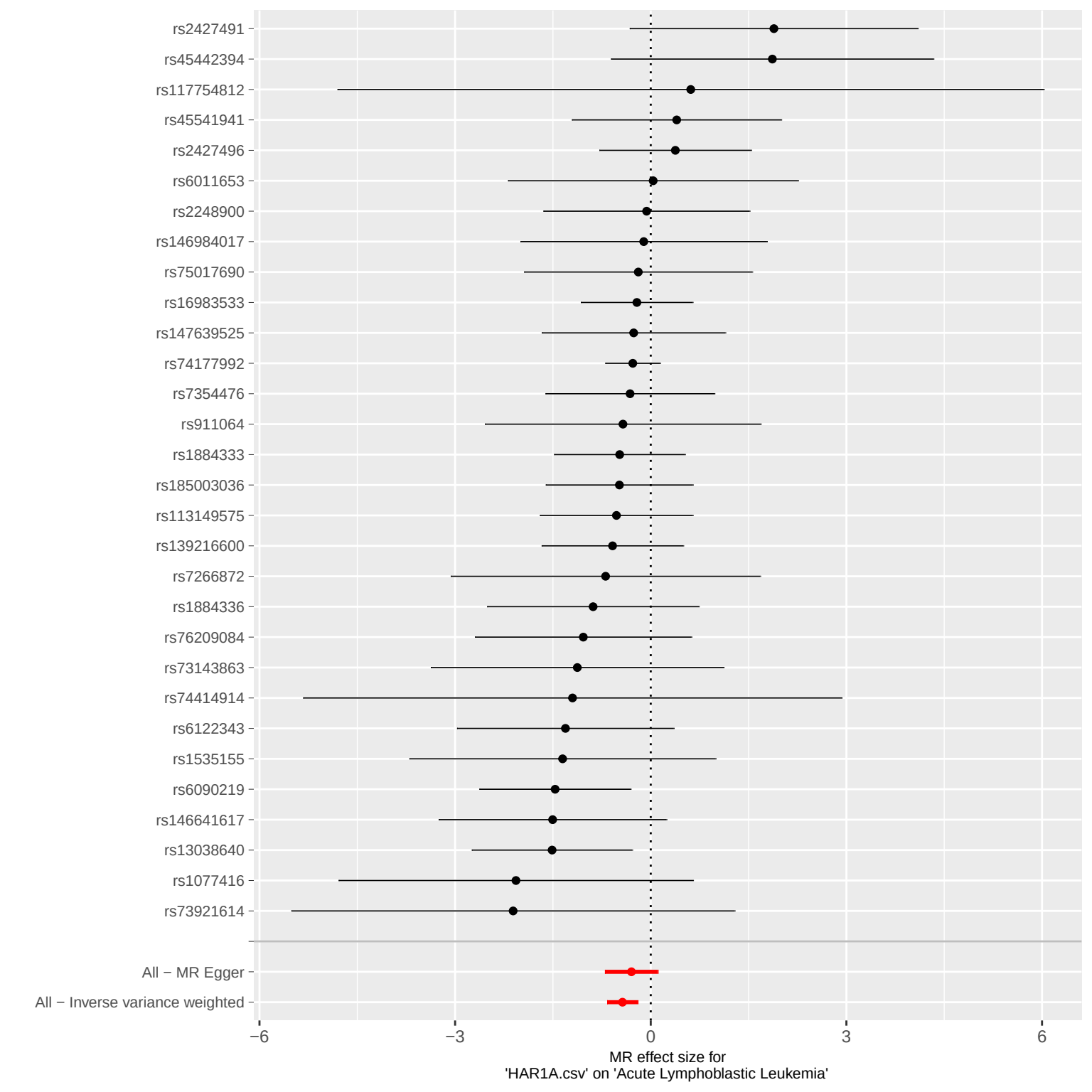
2.5
5.0
7.5
MR effect size for
'HADHB.csv' on 'Acute Lymphoblastic Leukemia'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rs1535155
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rs13038640
rs1077416
rs73921614
All − MR Egger
All − Inverse variance weighted
−6
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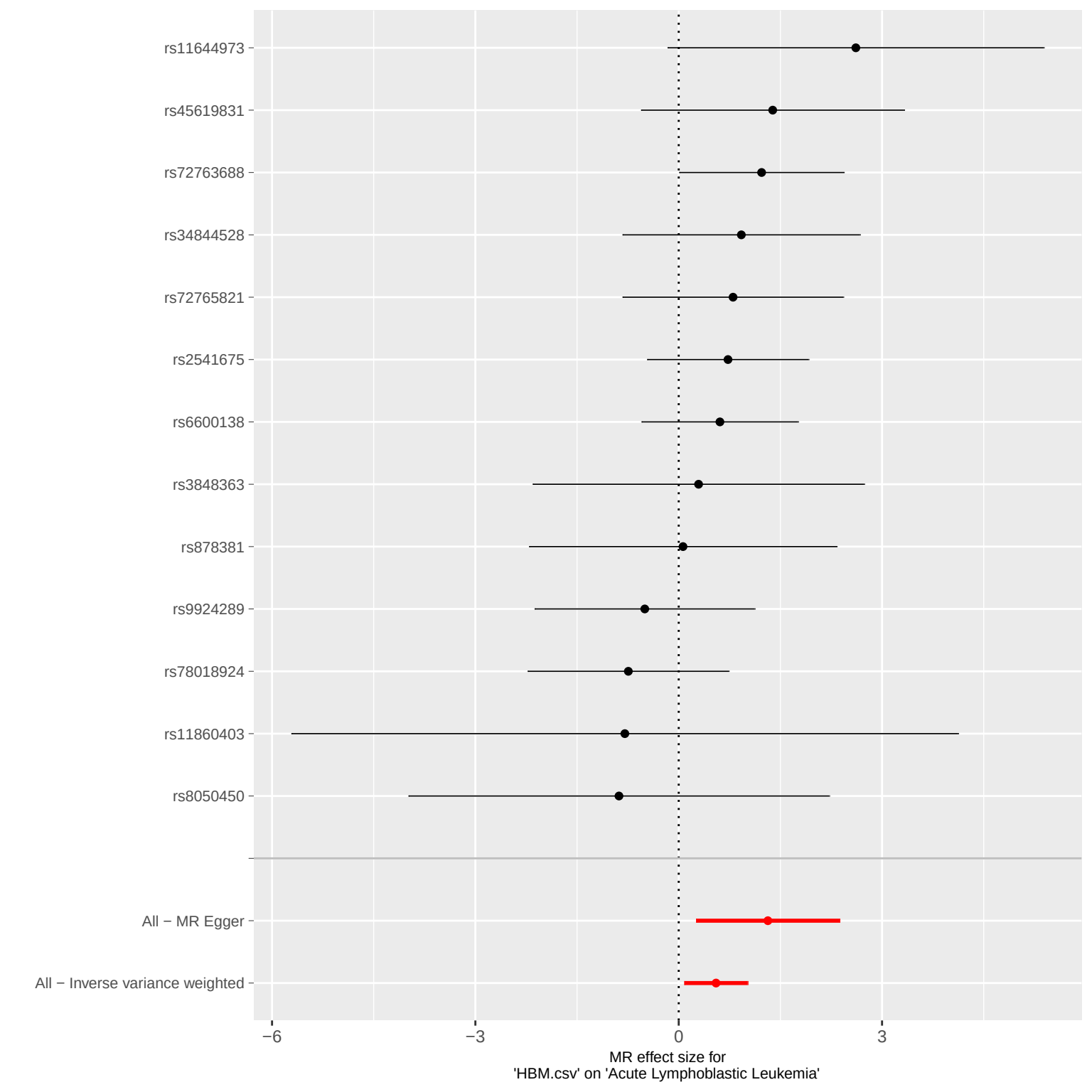
0
3
6
MR effect size for
'HAR1A.csv' on 'Acute Lymphoblastic Leukemia'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rs78018924
rs11860403
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All − MR Egger
All − Inverse variance weighted
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−3
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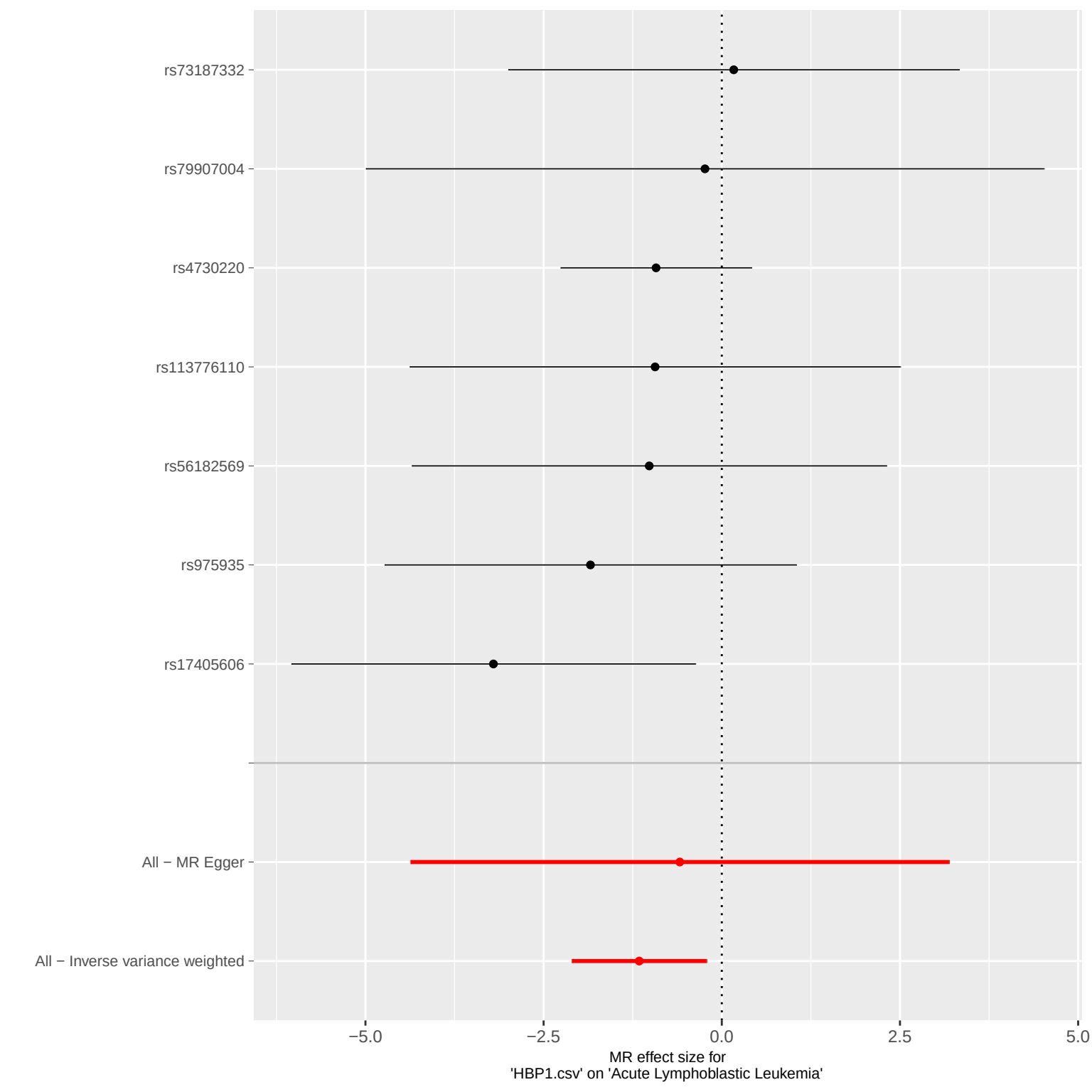
3
MR effect size for
'HBM.csv' on 'Acute Lymphoblastic Leukemia'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rs975935
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All − MR Egger
All − Inverse variance weighted
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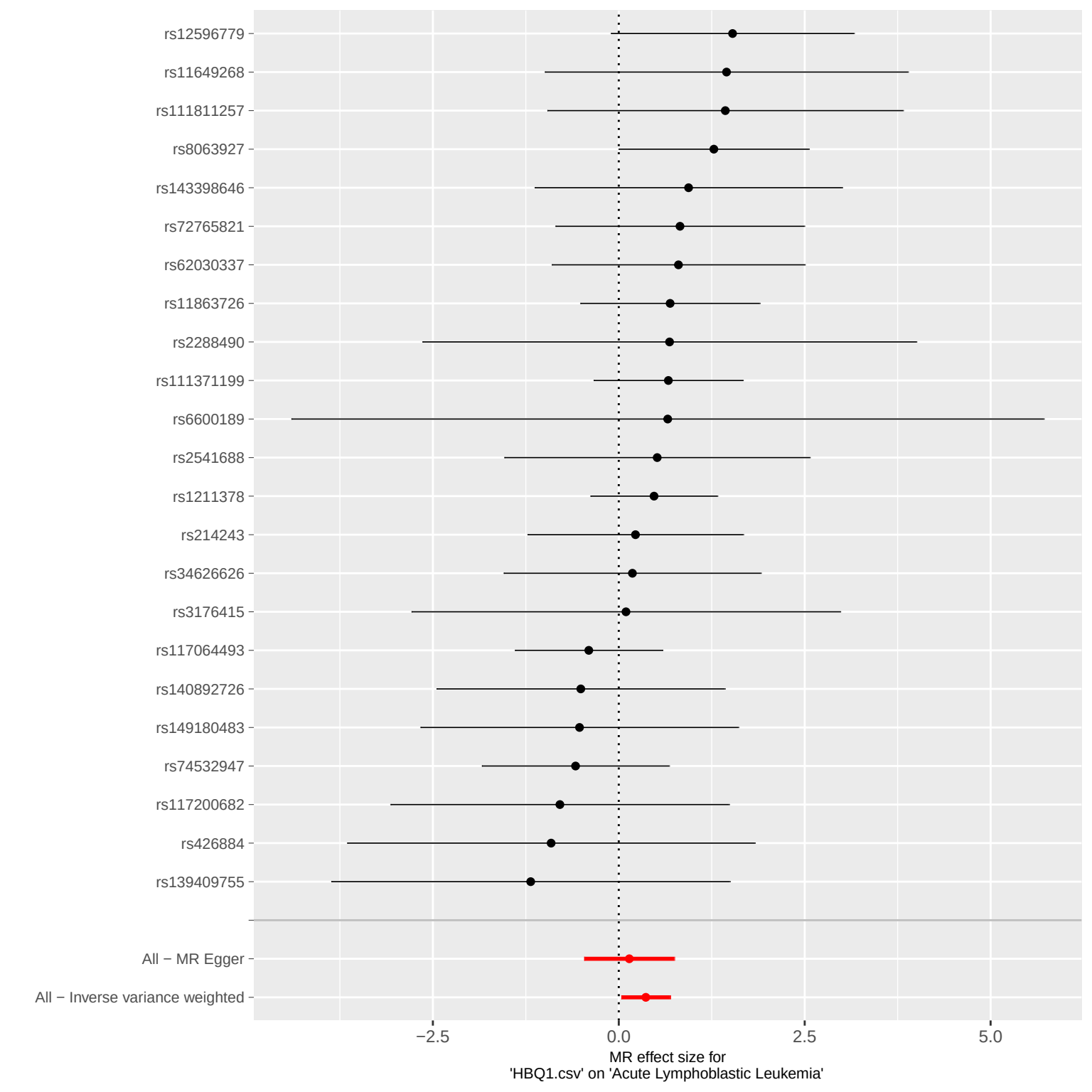
−2.5
0.0
2.5
5.0
MR effect size for
'HBP1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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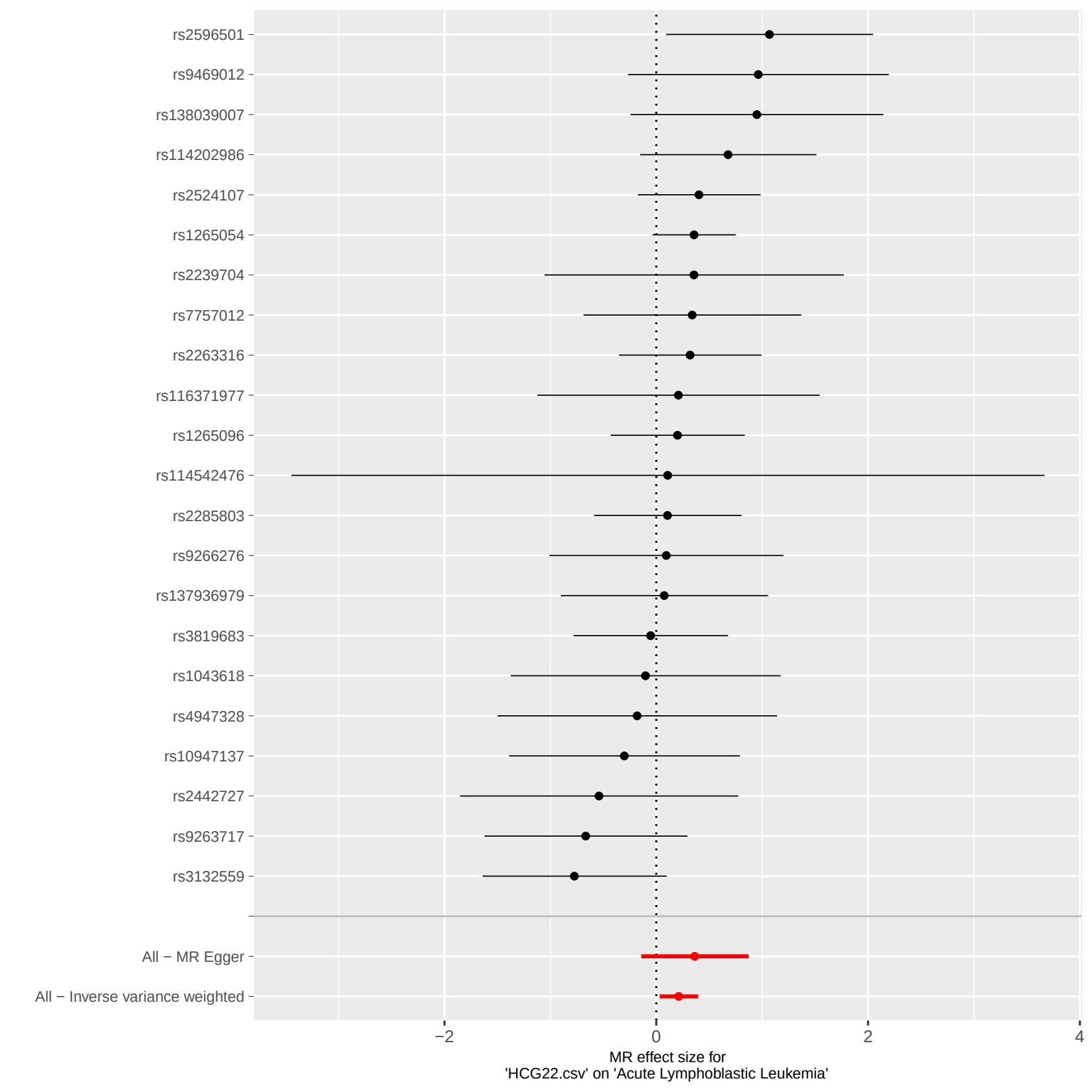
2.5
5.0
MR effect size for
'HBQ1.csv' on 'Acute Lymphoblastic Leukemia'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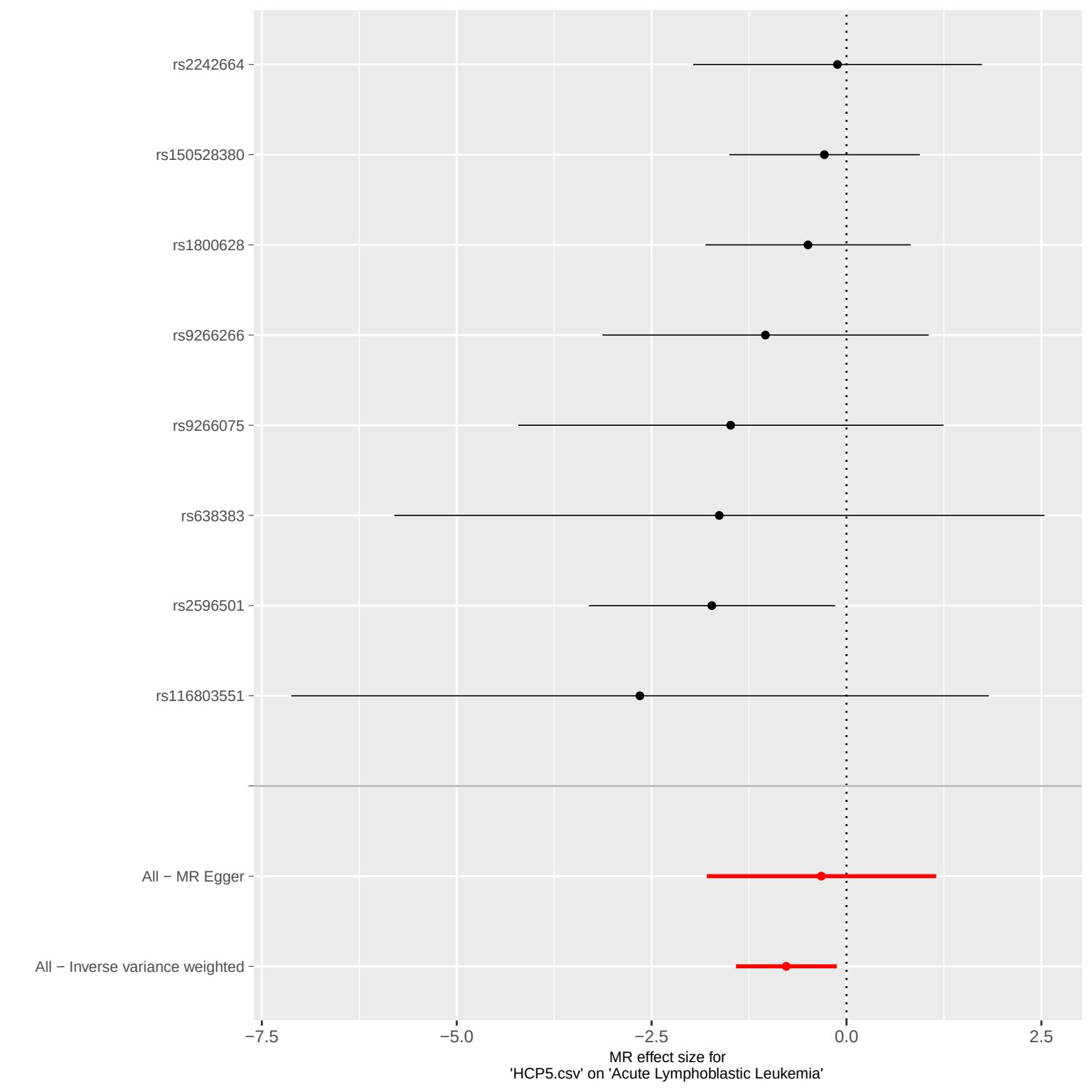
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'HCG22.csv' on 'Acute Lymphoblastic Leukemia'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rs2596501
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All − MR Egger
All − Inverse variance weighted
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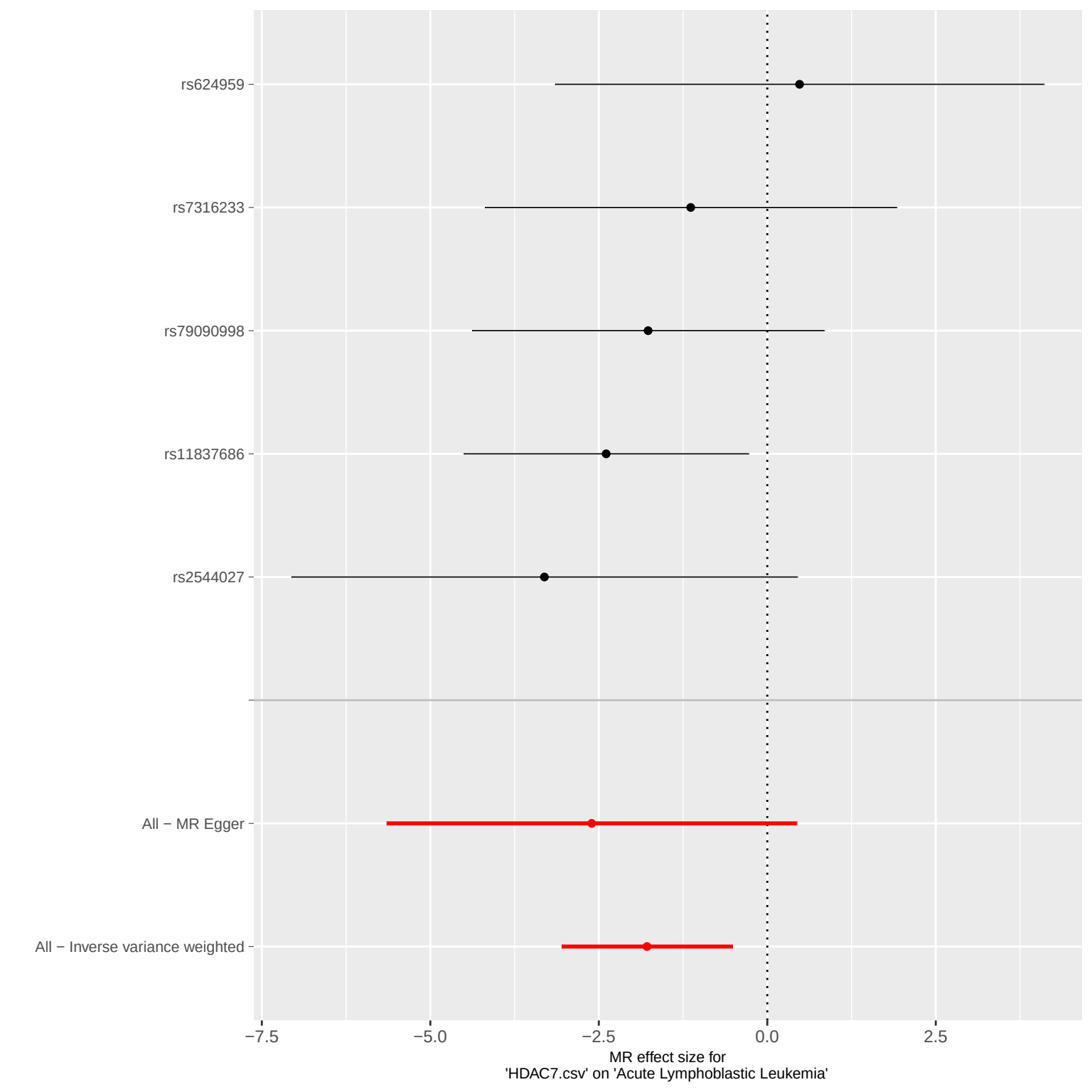
−5.0
−2.5
0.0
2.5
MR effect size for
'HCP5.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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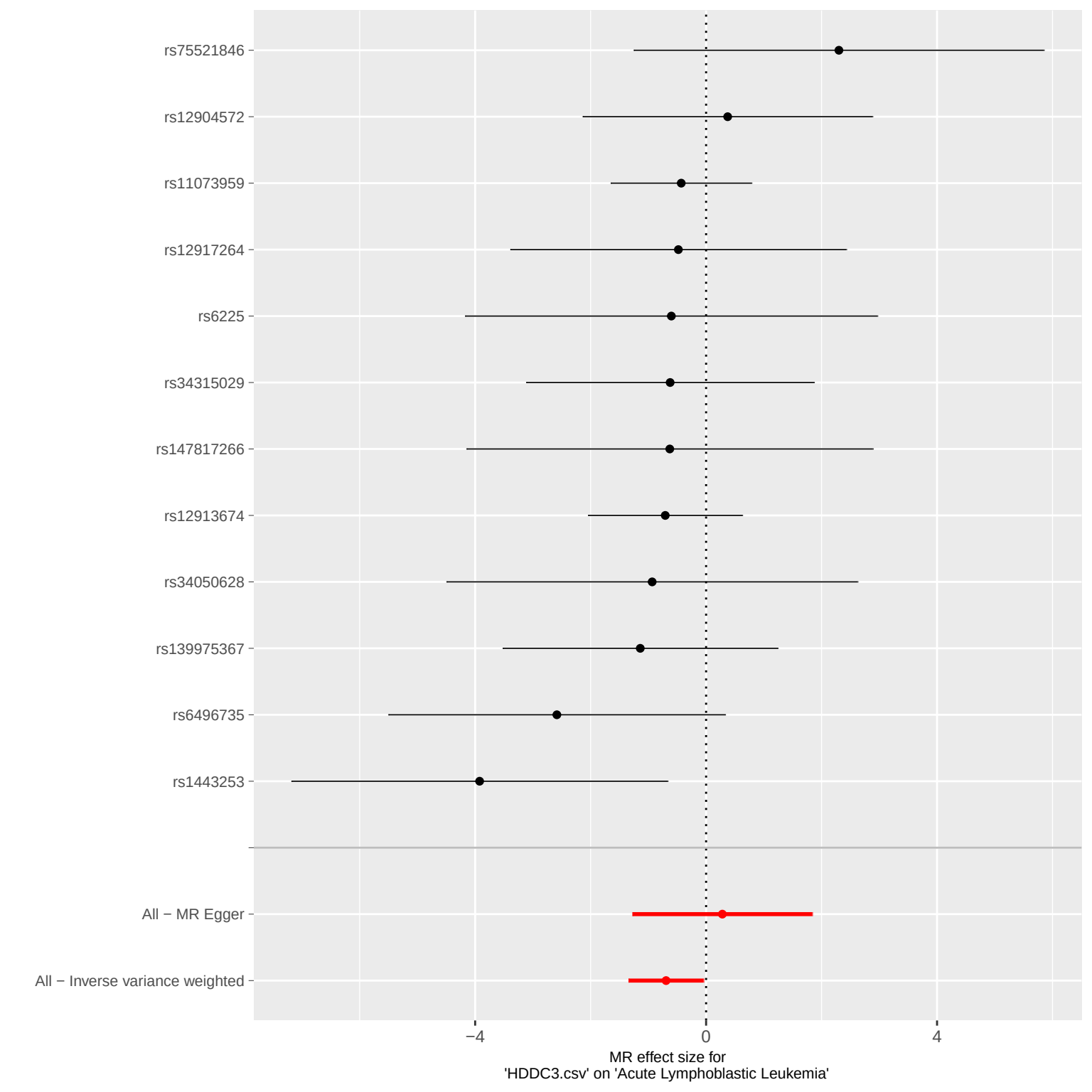
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rs1443253
All − MR Egger
All − Inverse variance weighted
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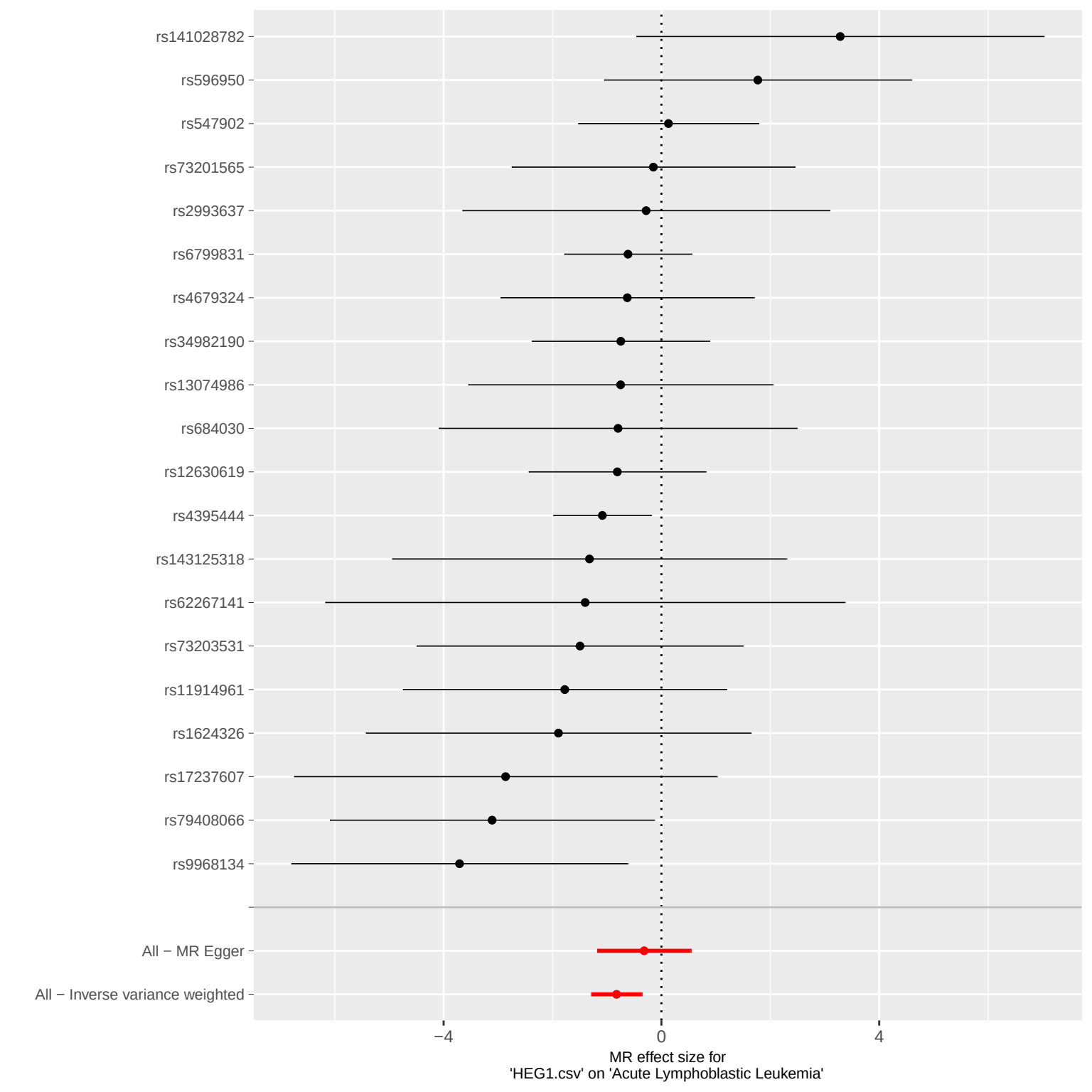
MR effect size for
'HDDC3.csv' on 'Acute Lymphoblastic Leukemia'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rs17237607
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All − MR Egger
All − Inverse variance weighted
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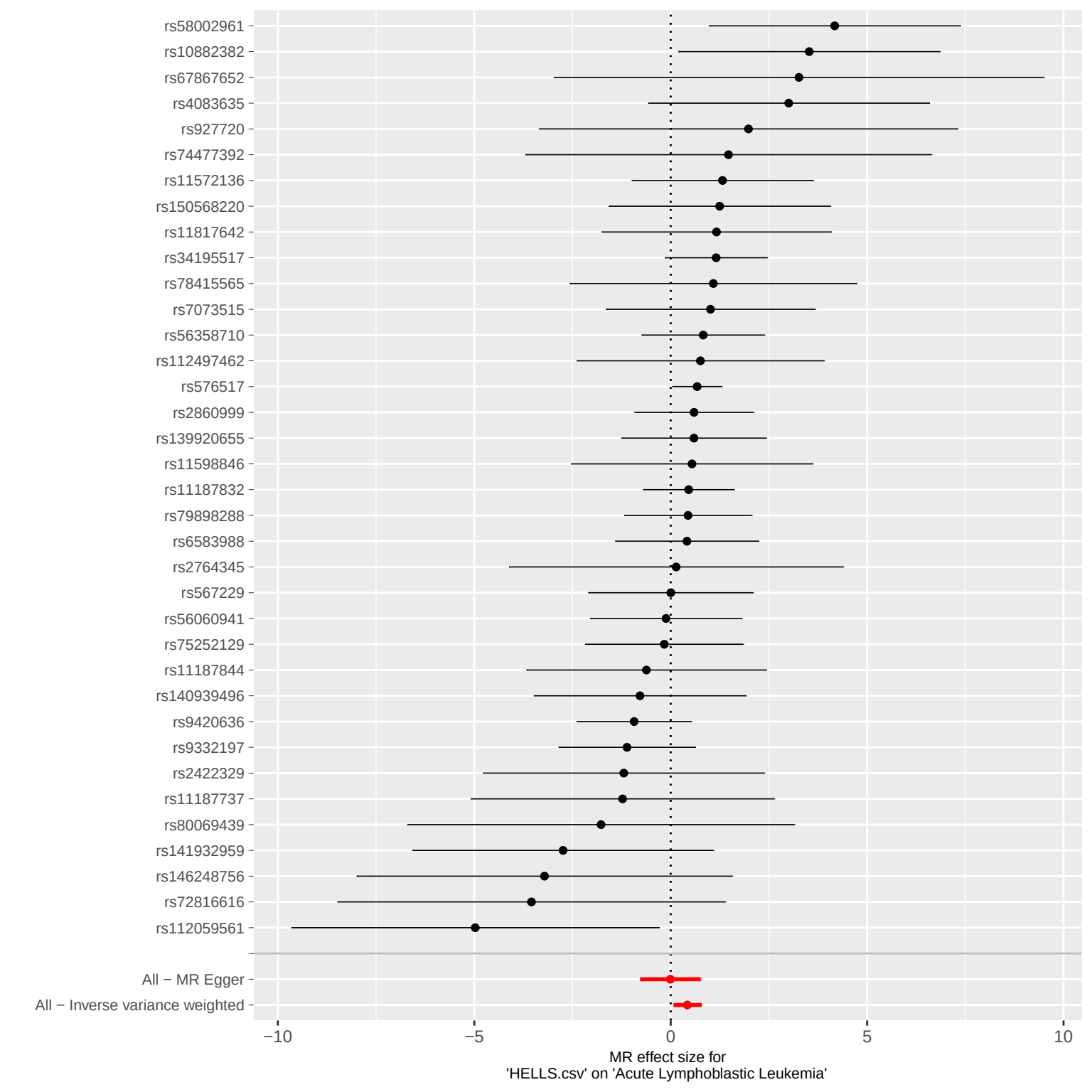
MR effect size for
'HEG1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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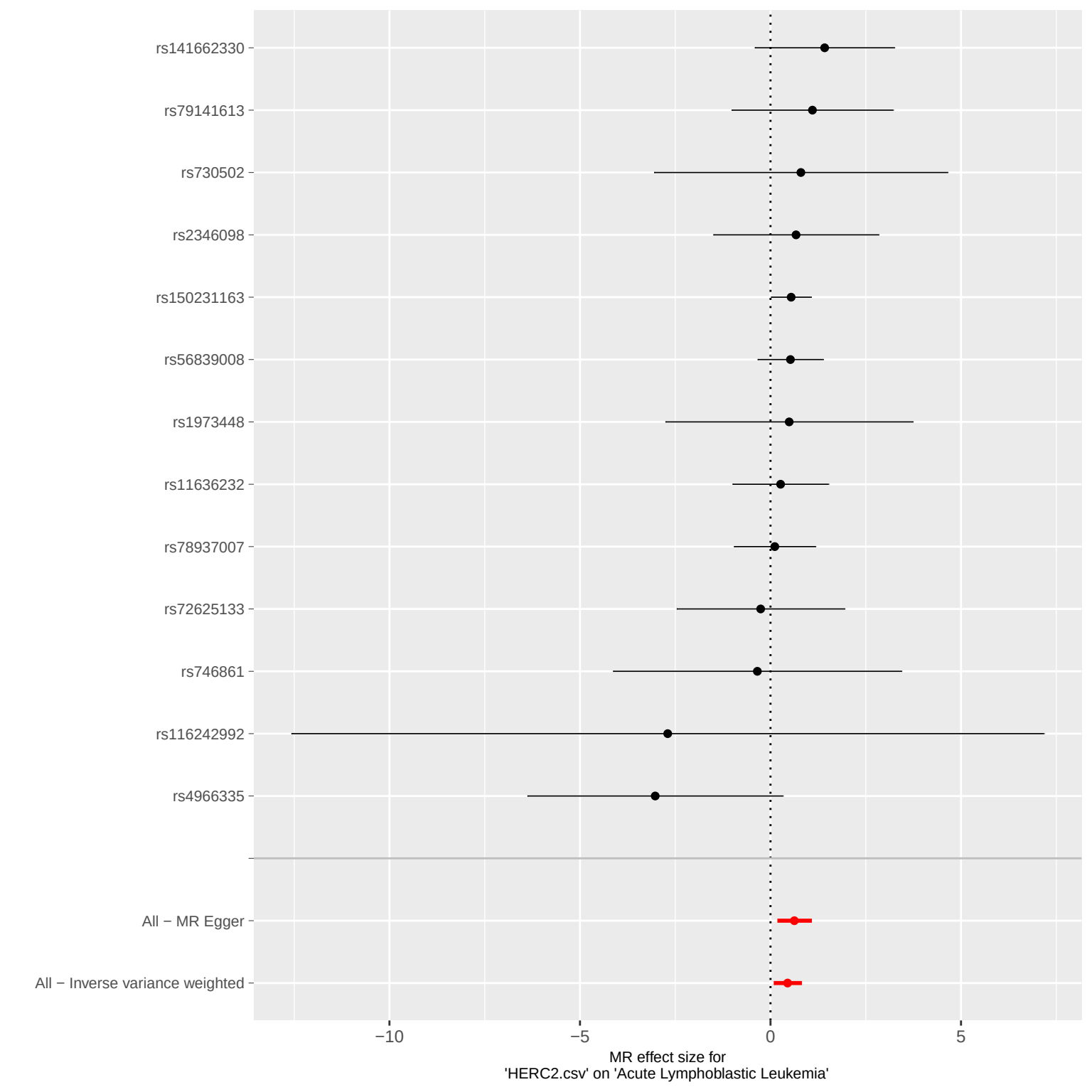
MR effect size for
'HELLS.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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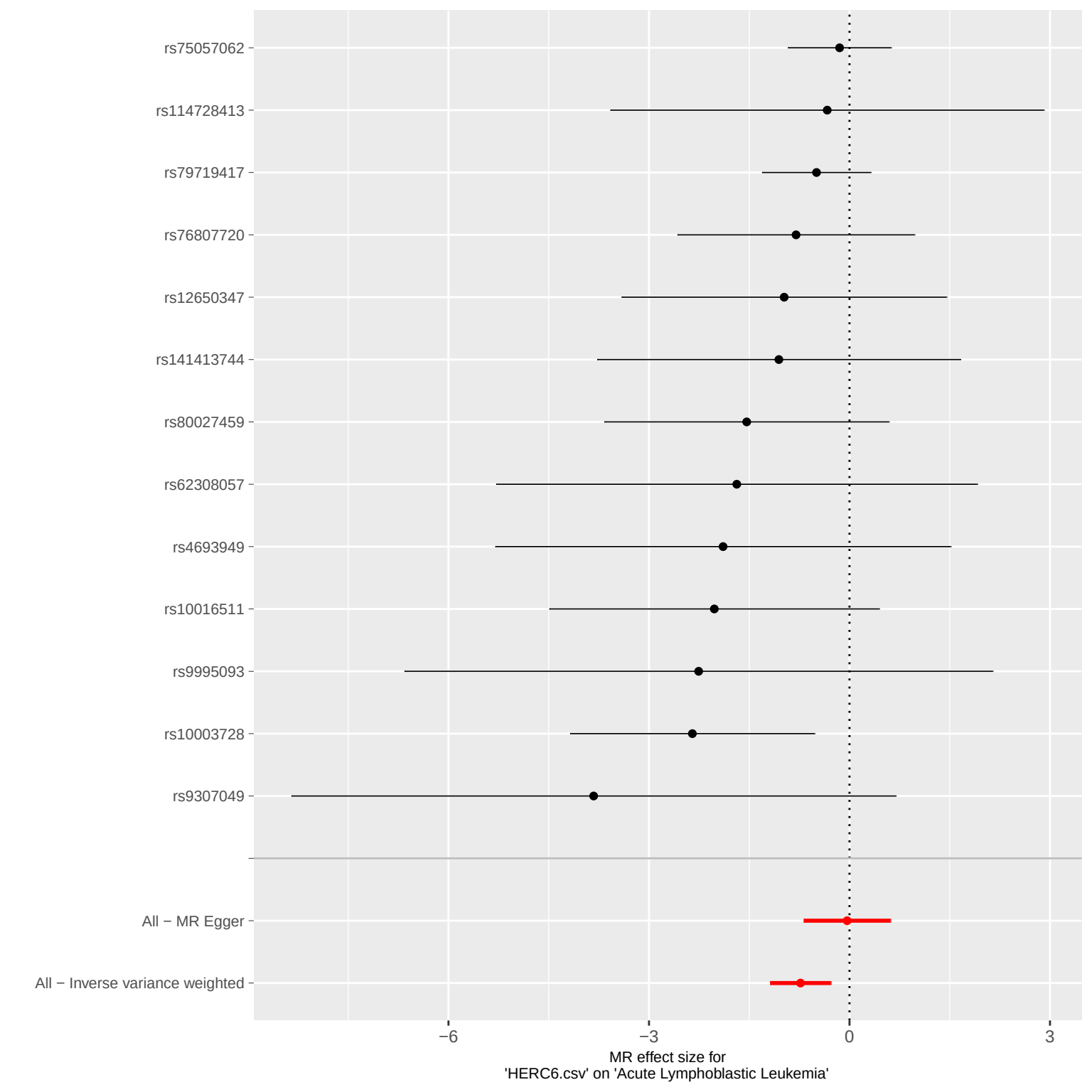
5
MR effect size for
'HERC2.csv' on 'Acute Lymphoblastic Leukemia'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rs10003728
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All − Inverse variance weighted
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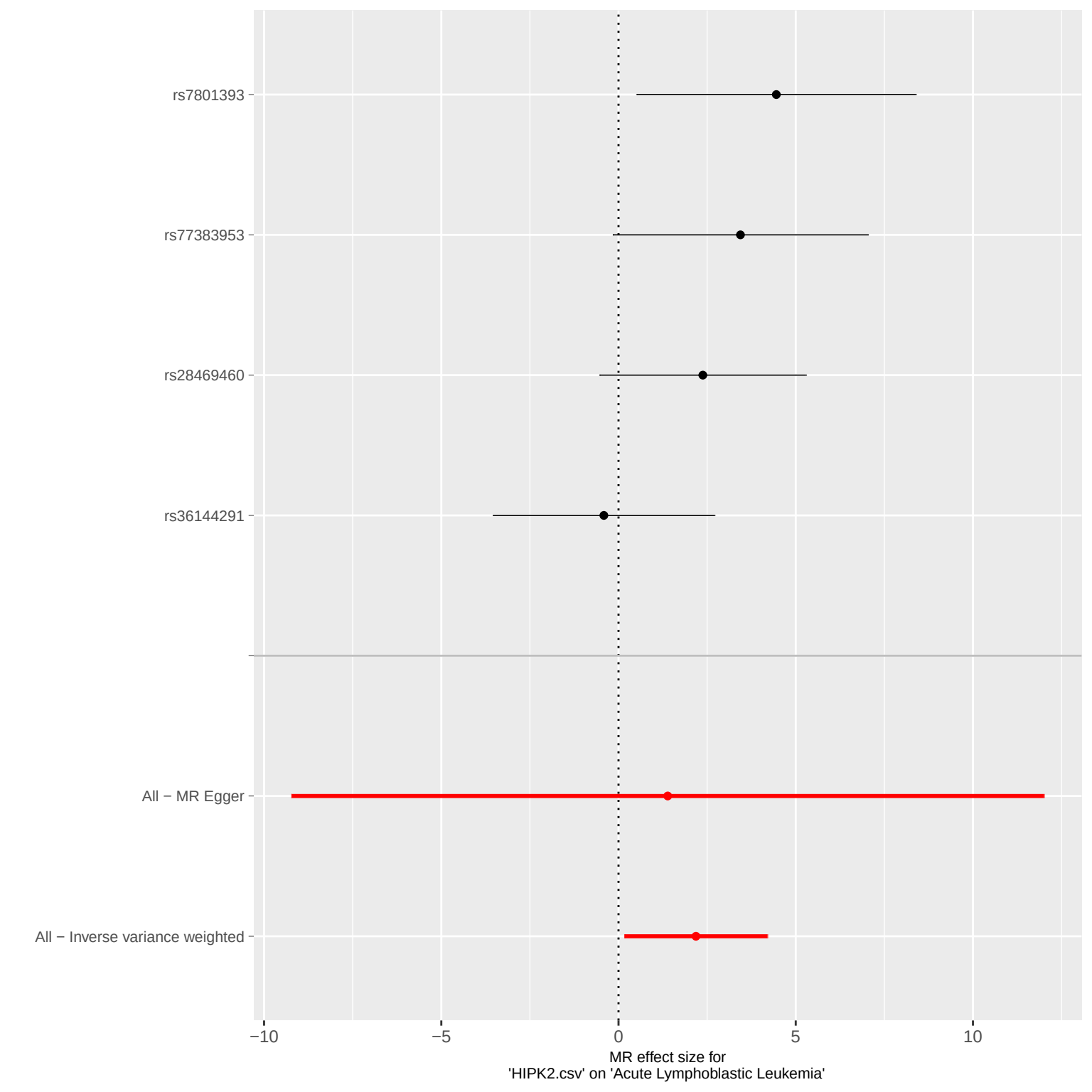
3
MR effect size for
'HERC6.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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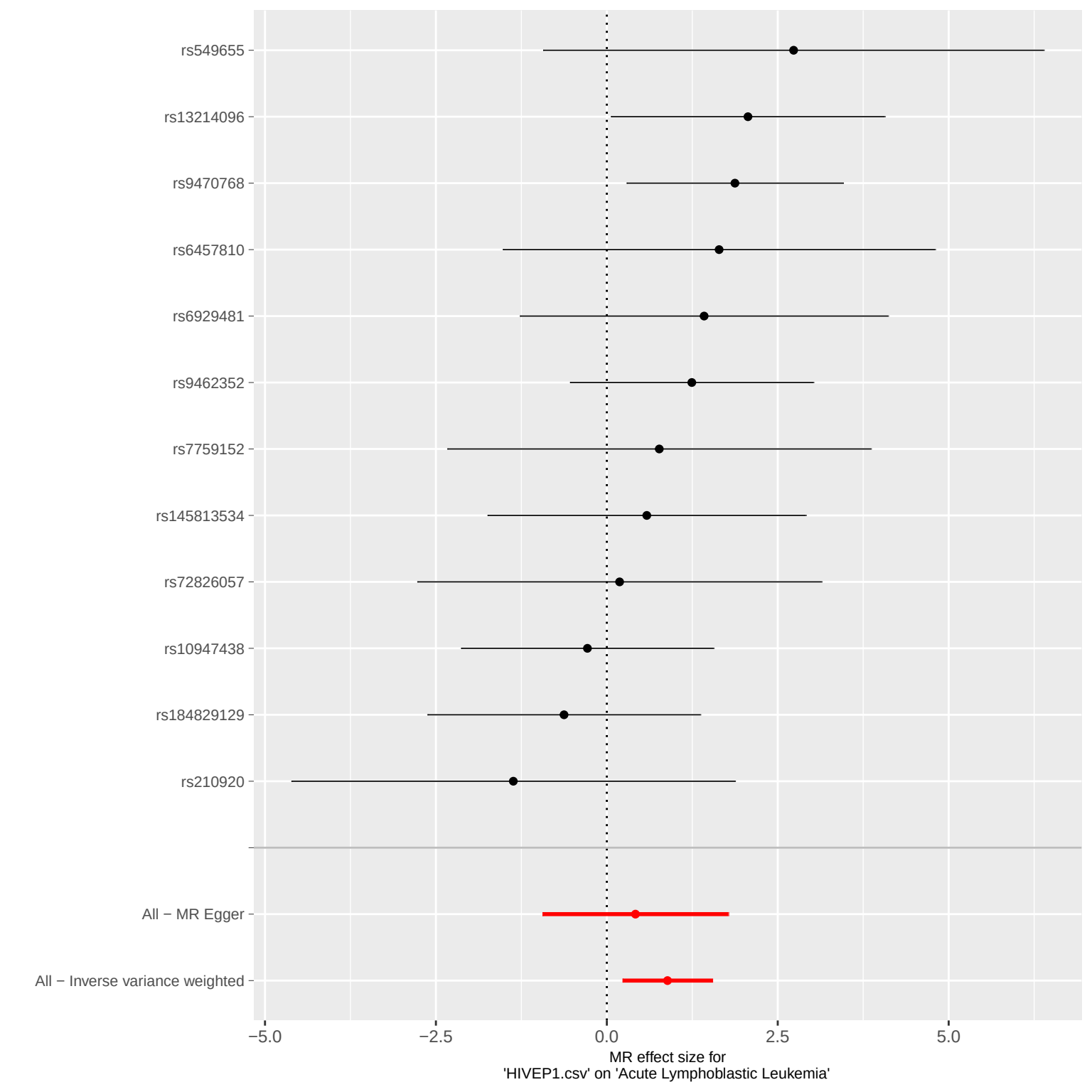
MR effect size for
'HIPK2.csv' on 'Acute Lymphoblastic Leukemia'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rs10947438
rs184829129
rs210920
All − MR Egger
All − Inverse variance weighted
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2.5
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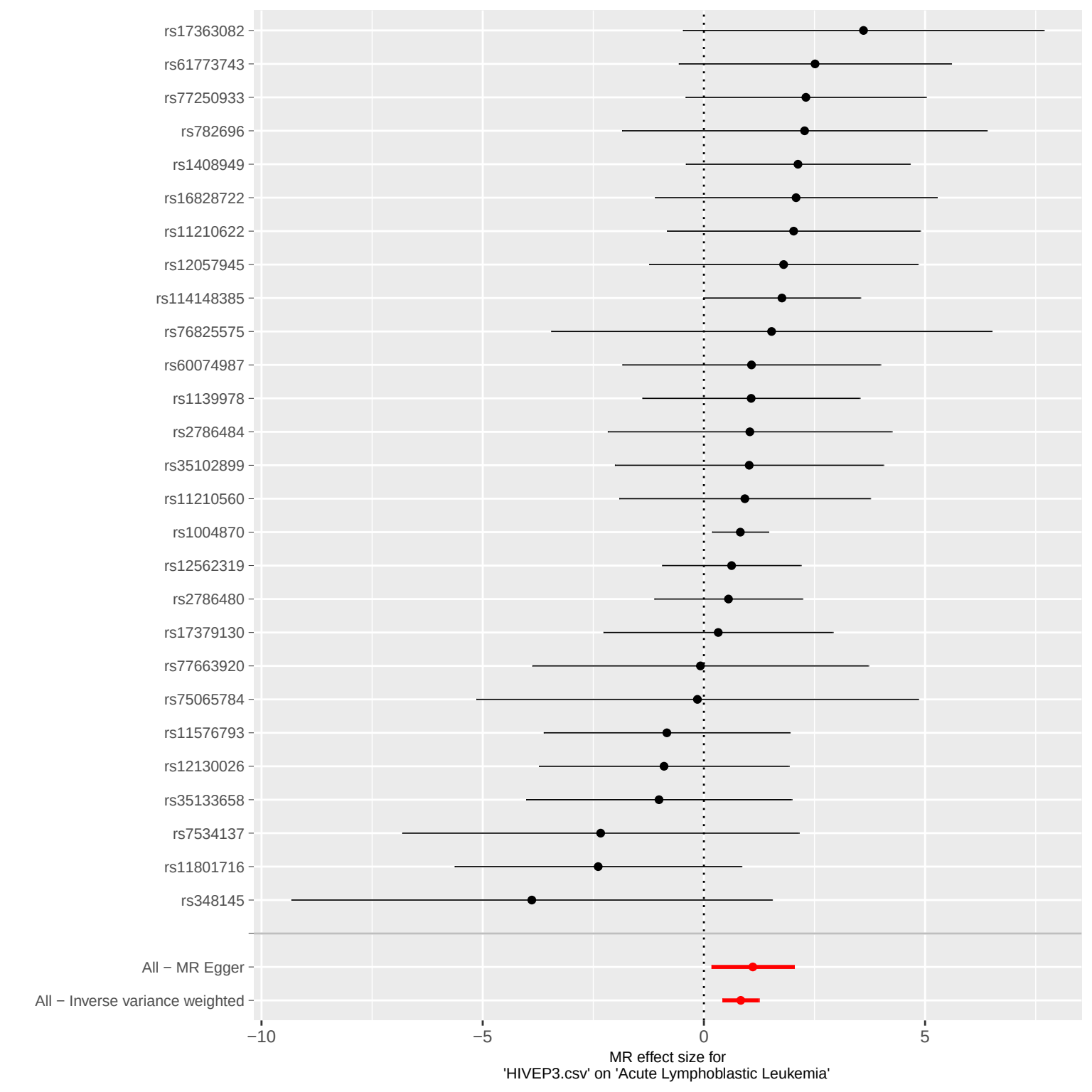
MR effect size for
'HIVEP1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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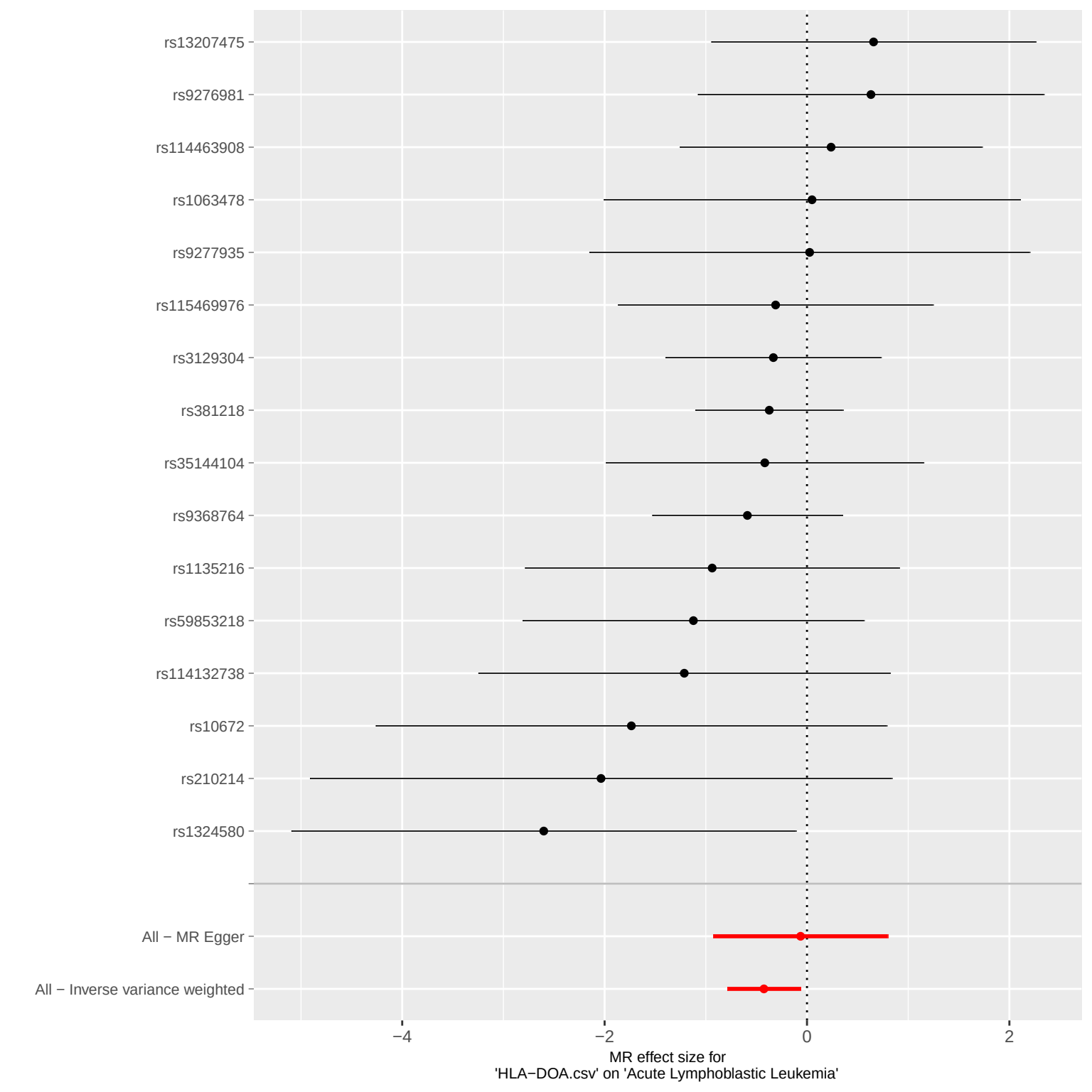
−5
0
5
MR effect size for
'HIVEP3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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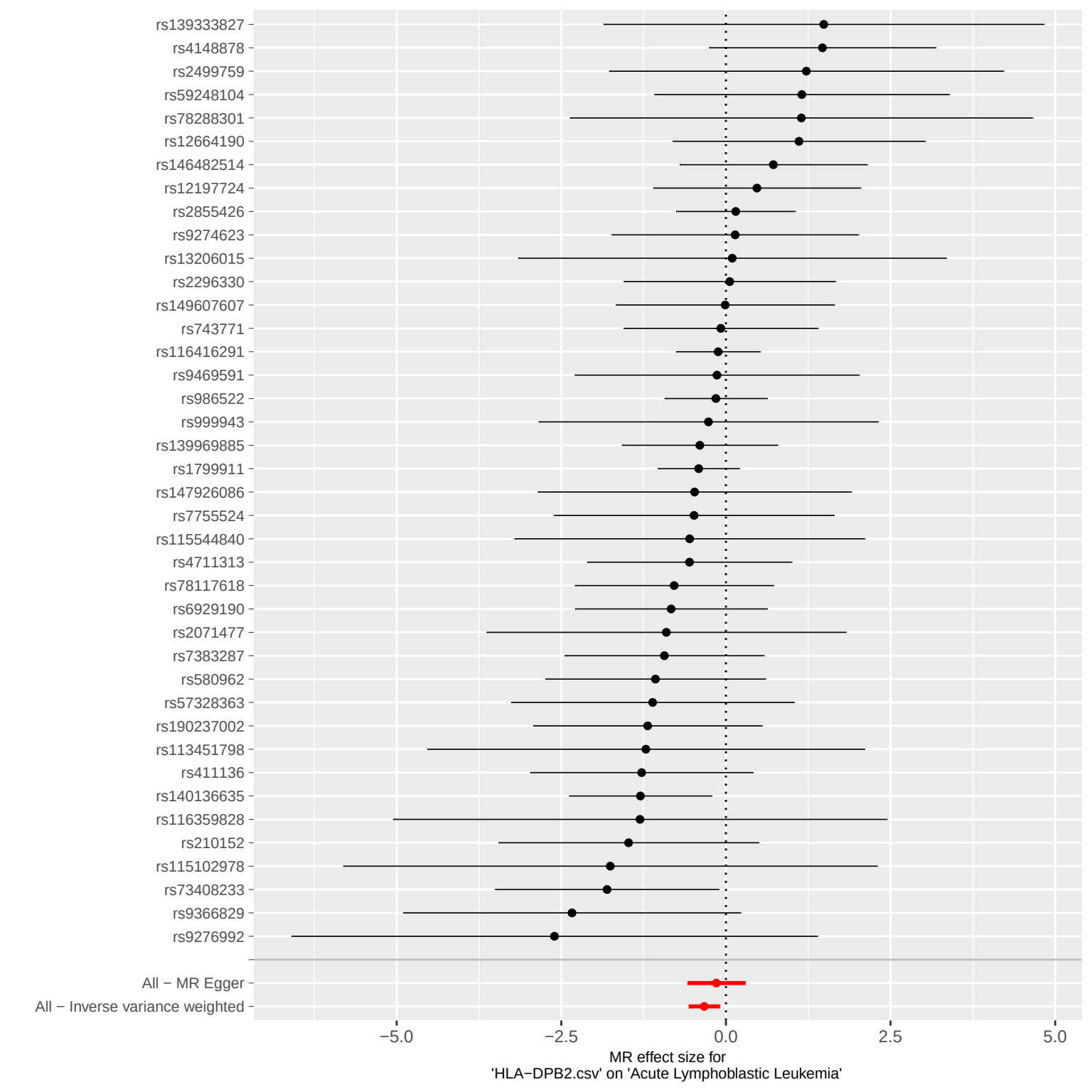
2
MR effect size for
'HLA−DOA.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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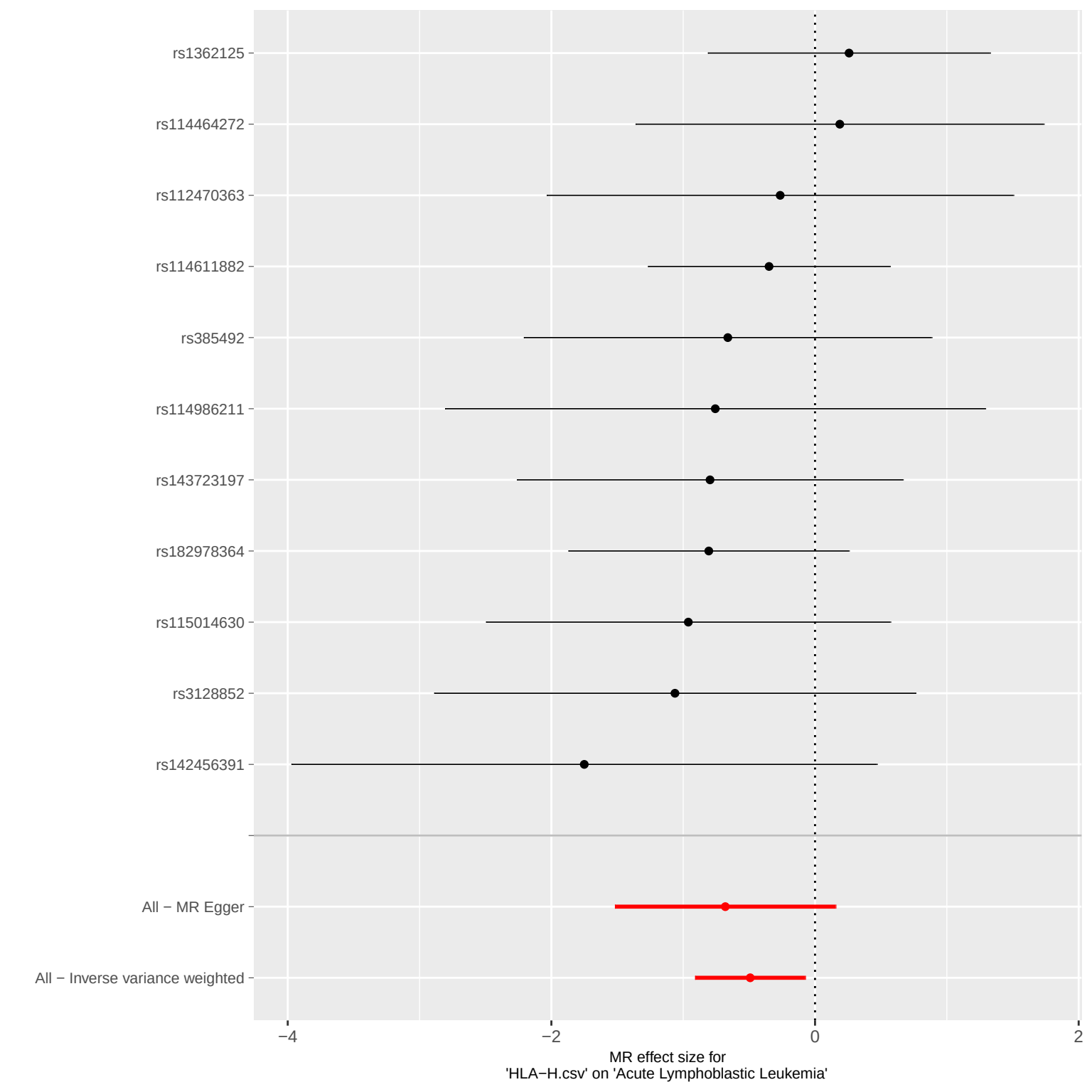
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All − Inverse variance weighted
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MR effect size for
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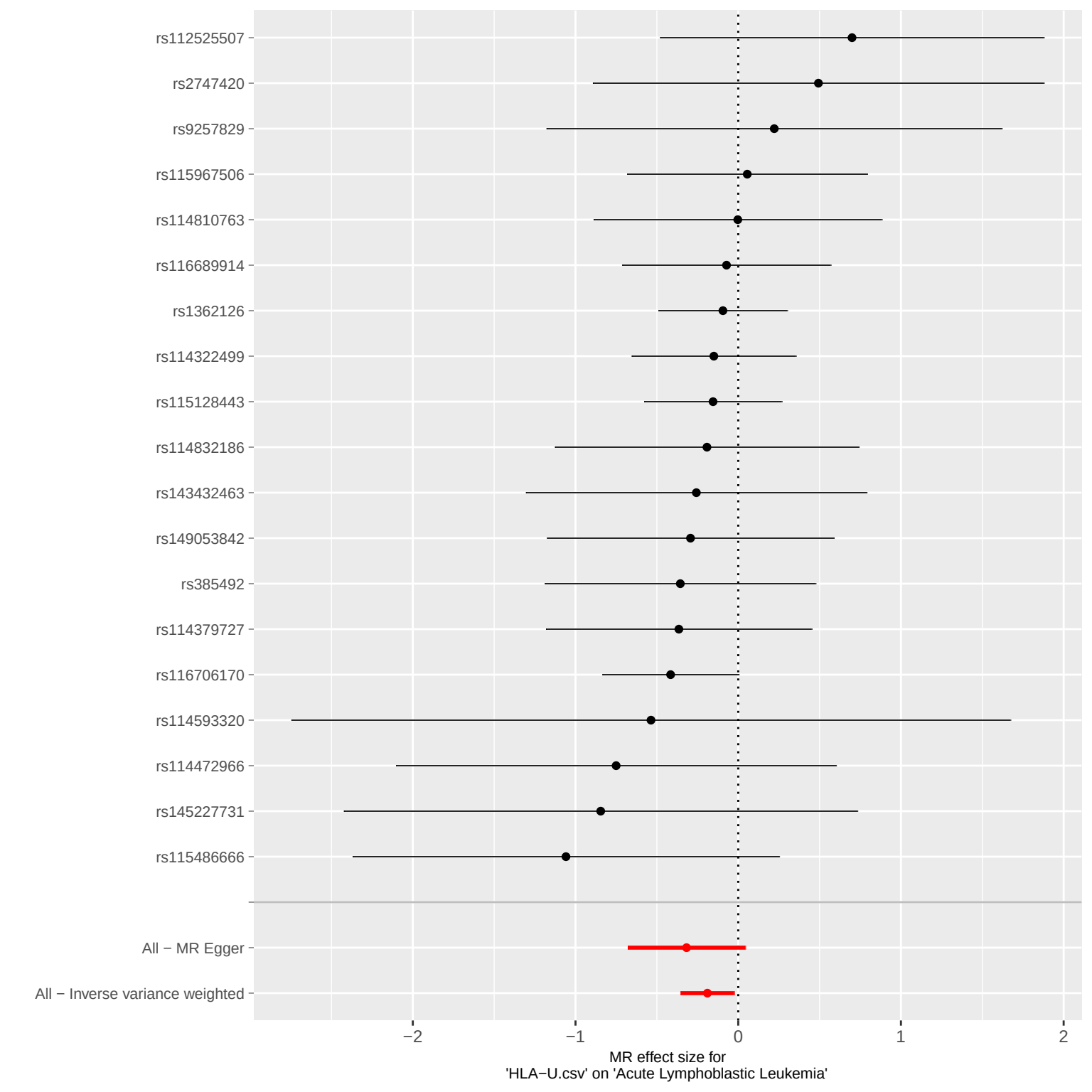
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All − Inverse variance weighted
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MR effect size for
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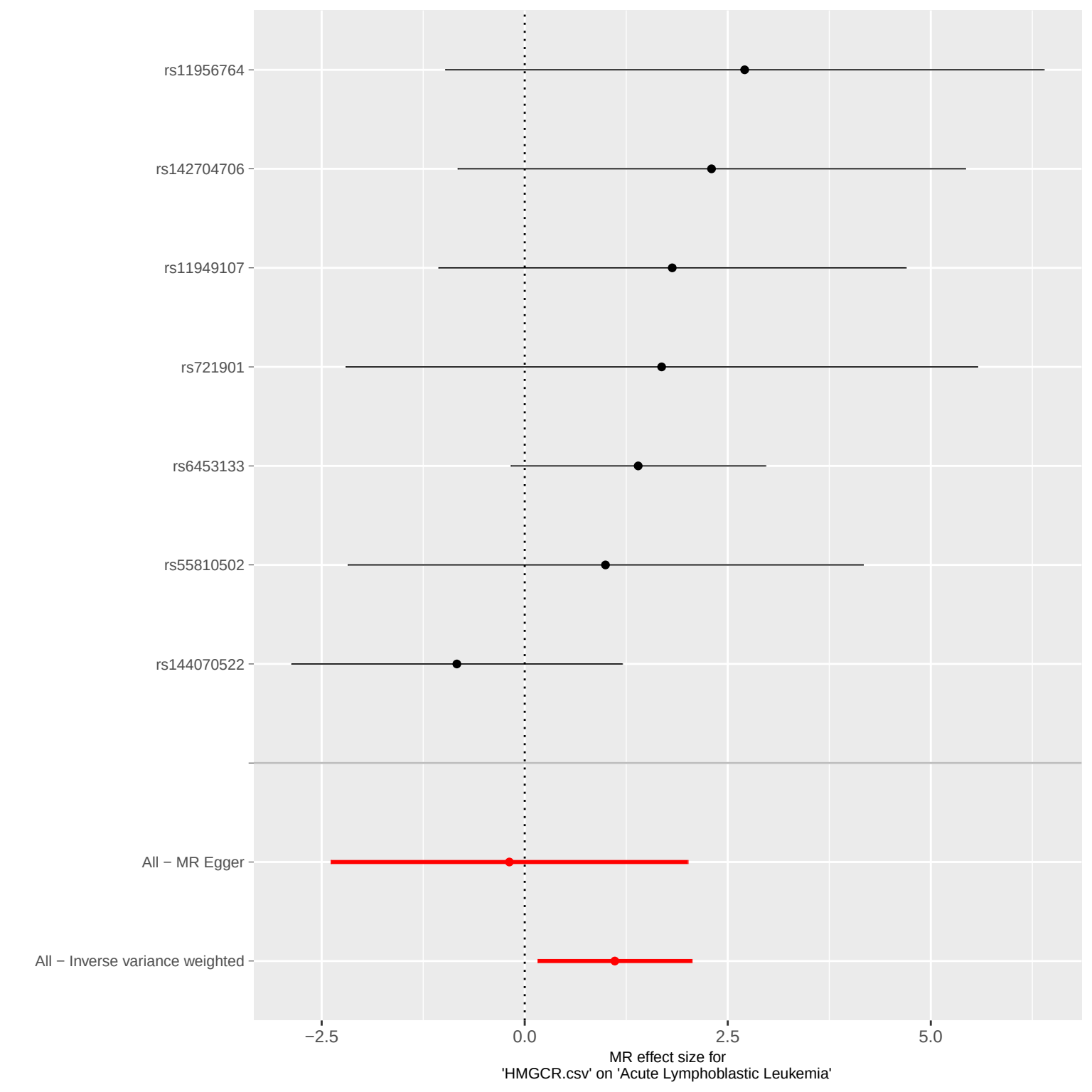
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2.5
5.0
MR effect size for
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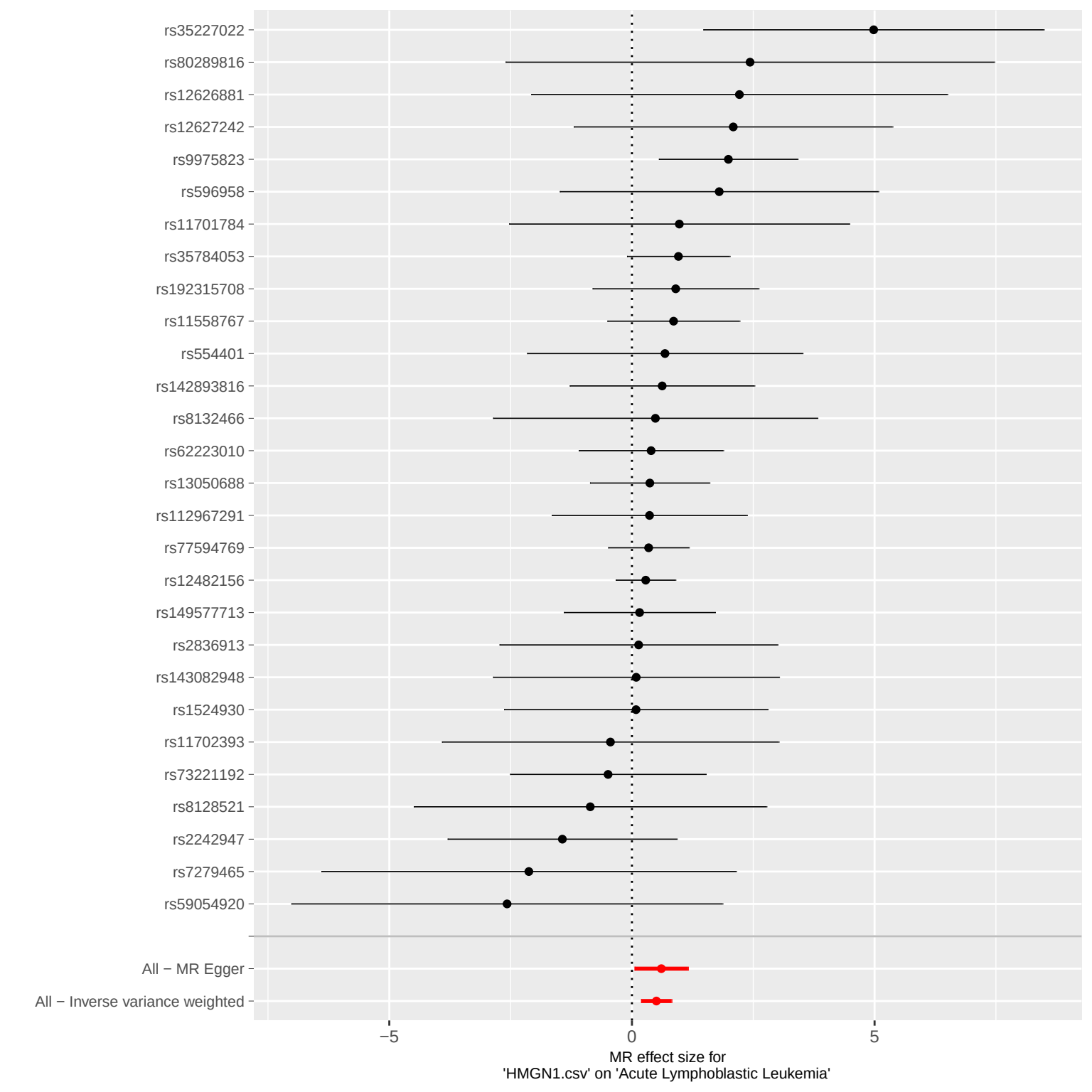
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All − MR Egger
All − Inverse variance weighted
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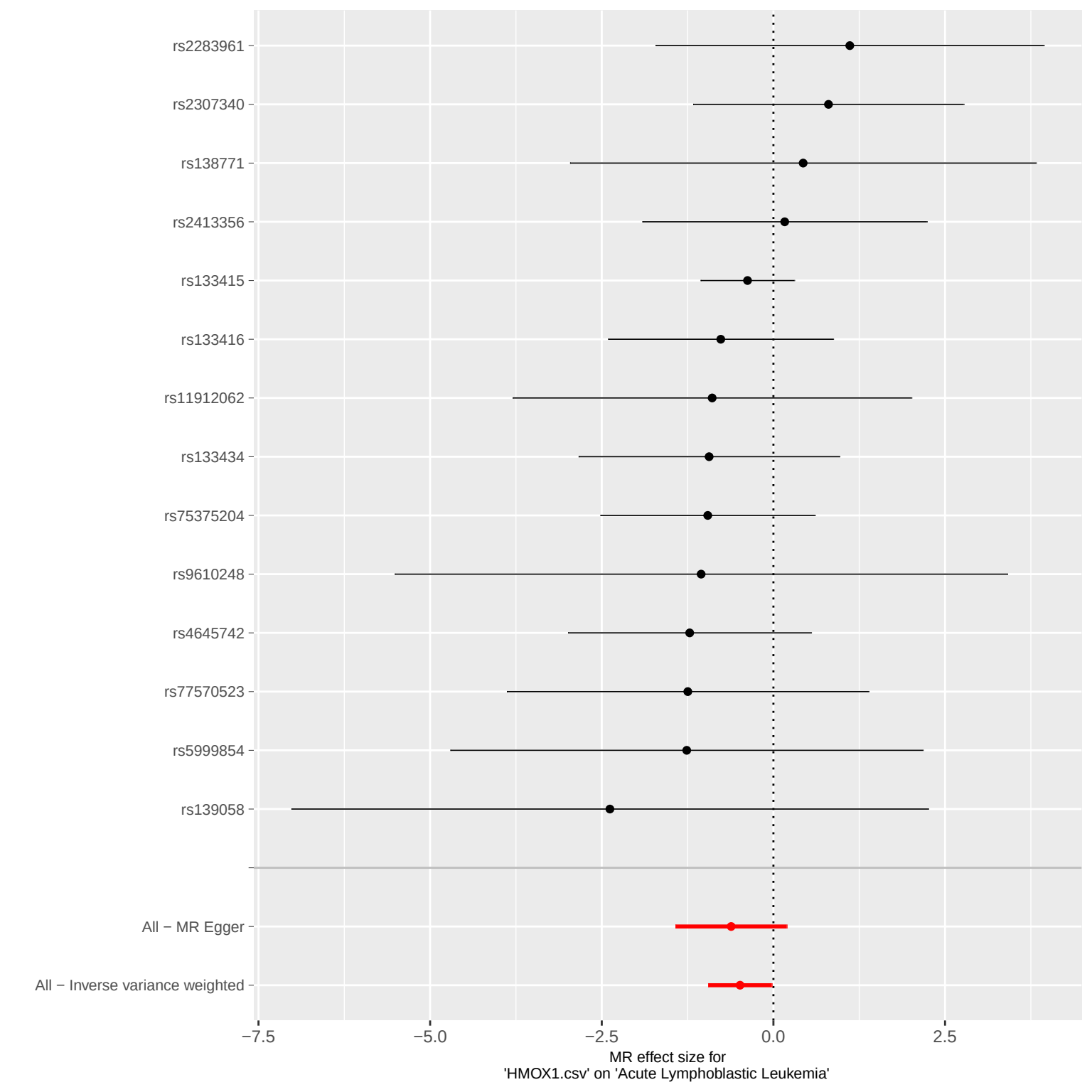
MR effect size for
'HMGN1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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2.5
MR effect size for
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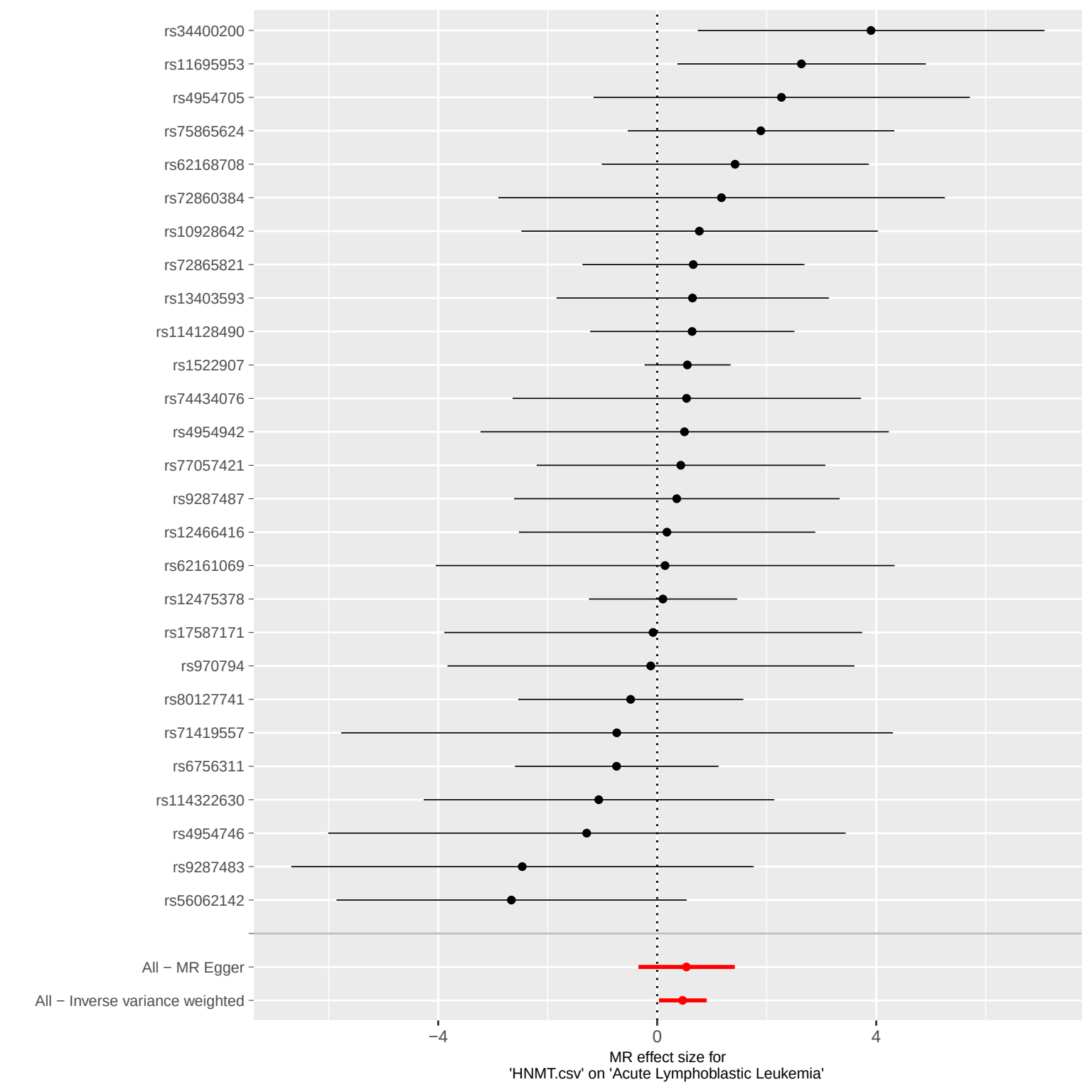
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All − MR Egger
All − Inverse variance weighted
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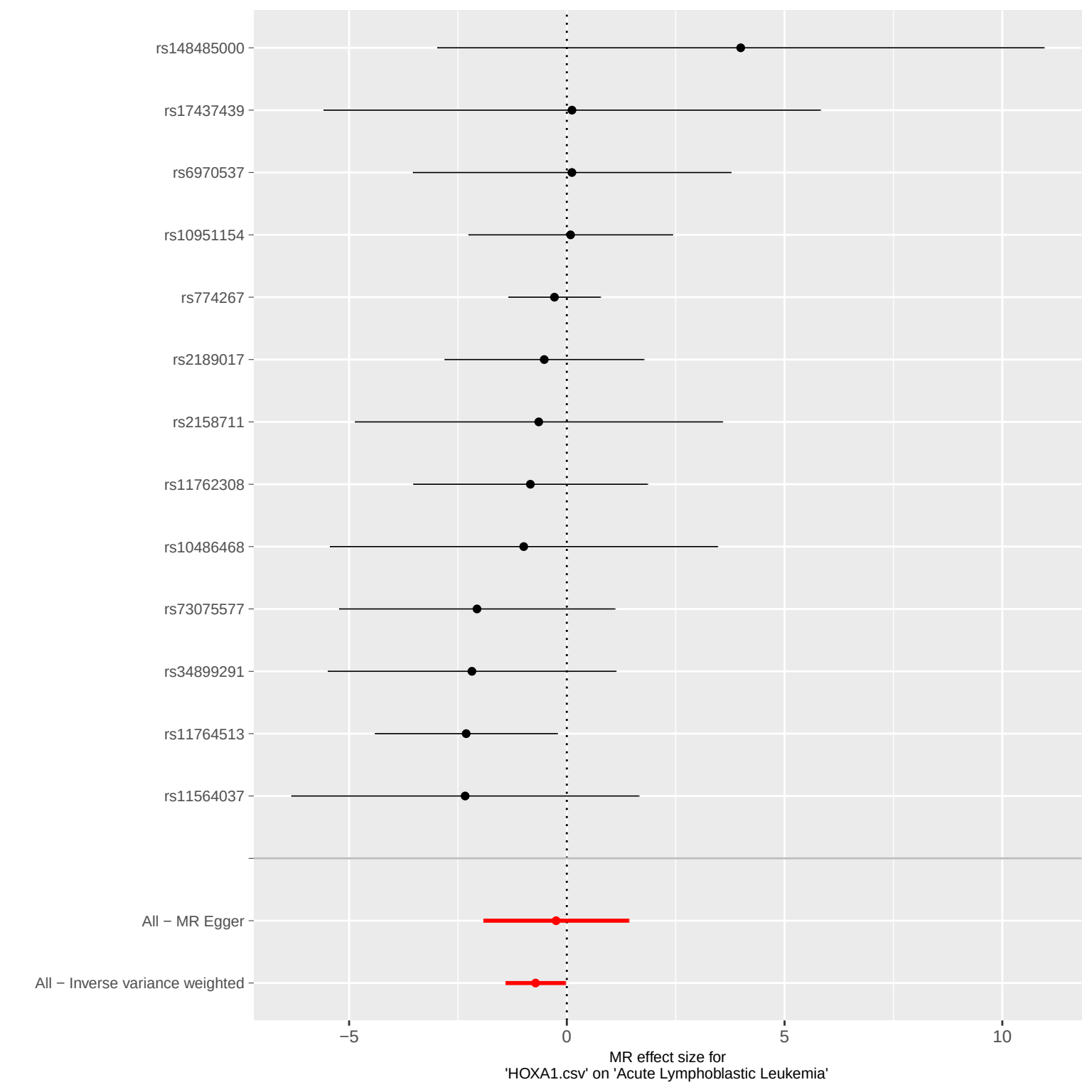
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rs11764513
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All − Inverse variance weighted
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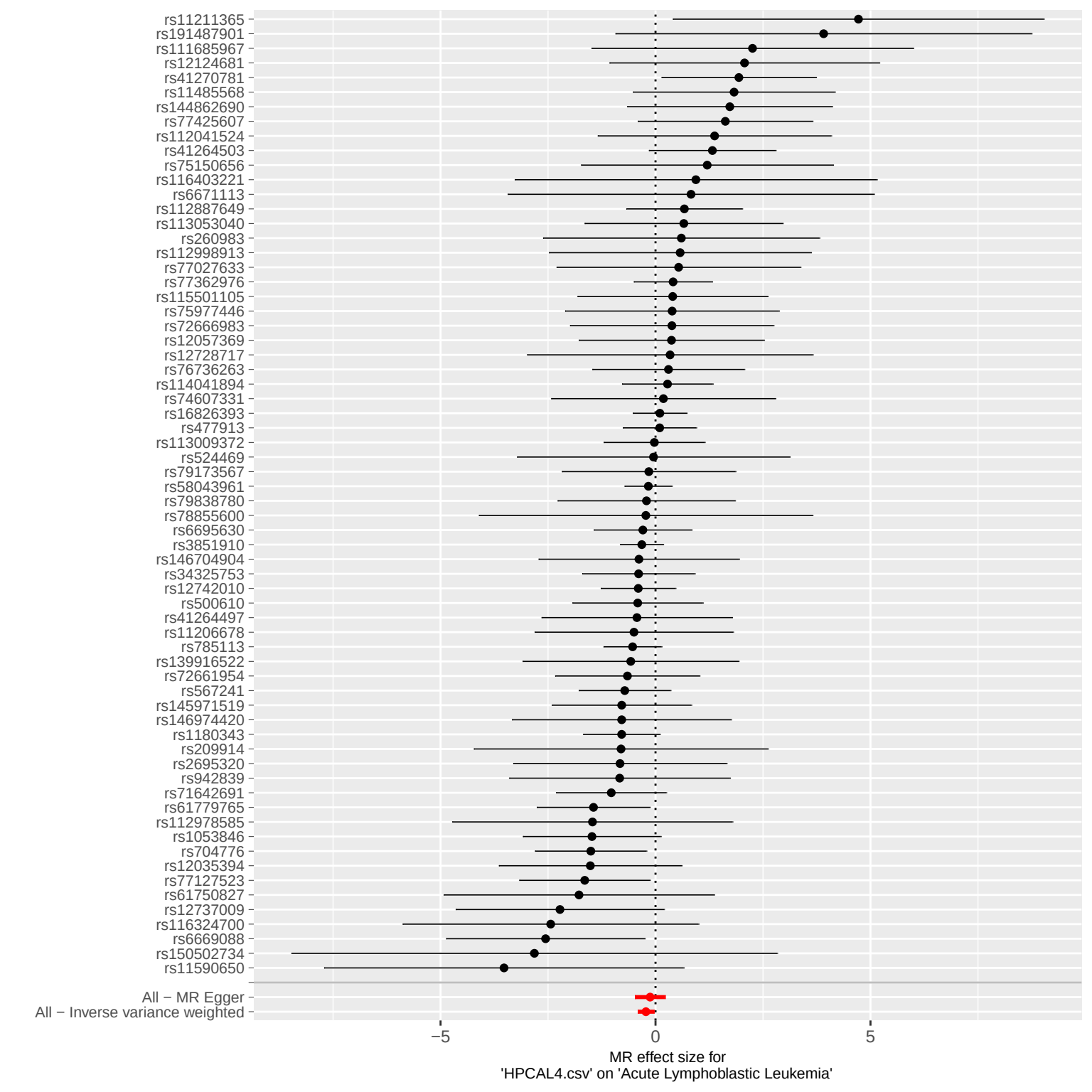
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All − Inverse variance weighted
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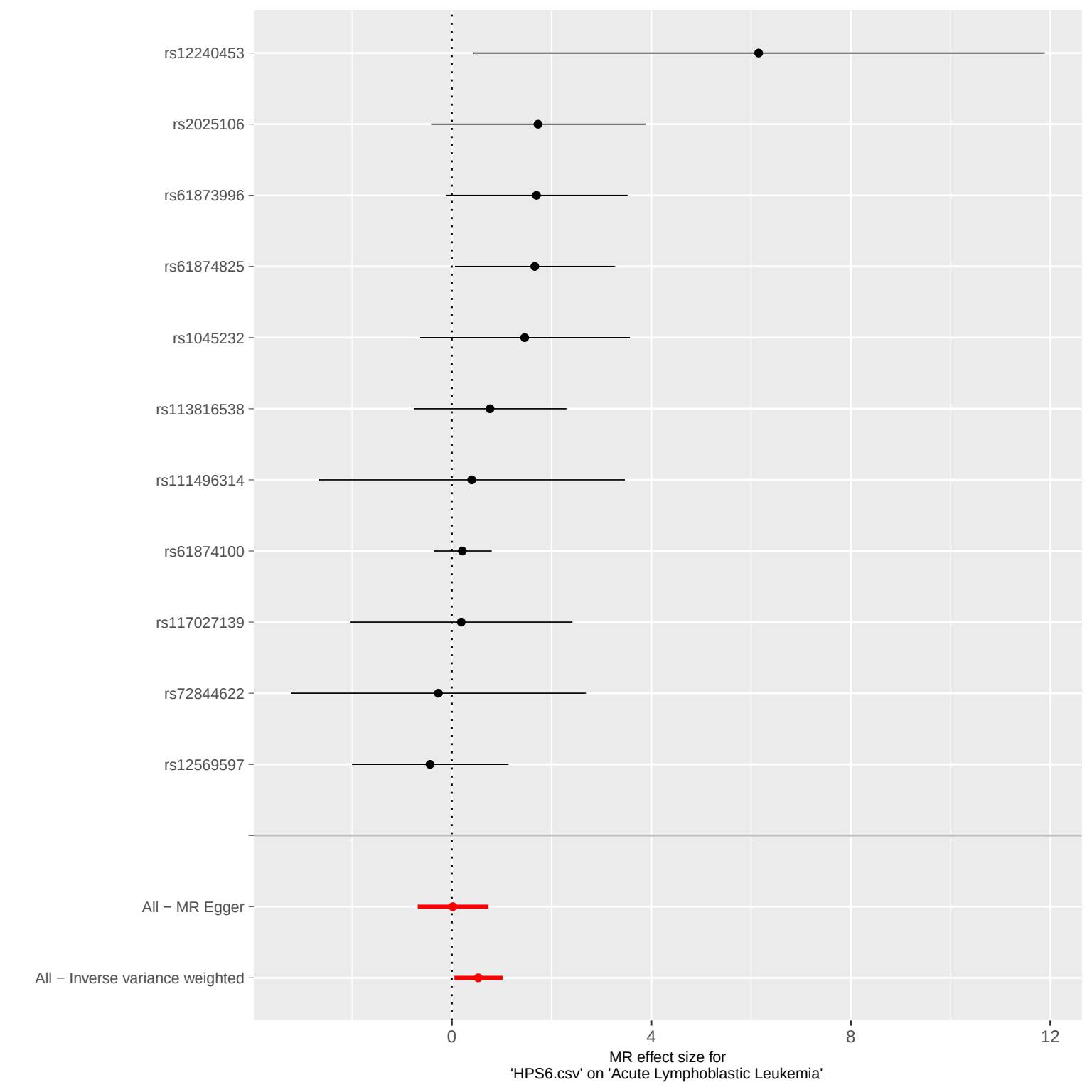
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All − Inverse variance weighted
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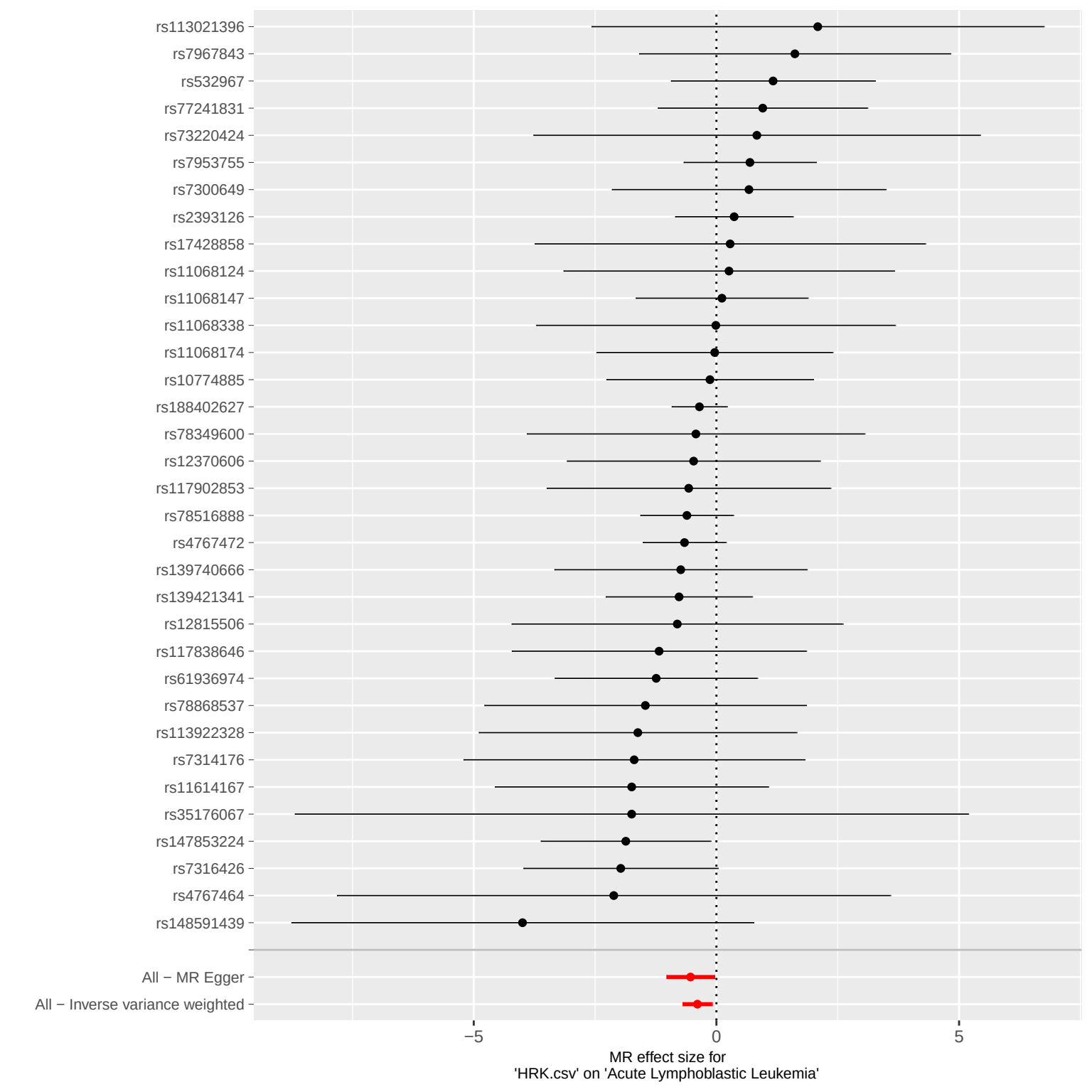
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All − Inverse variance weighted
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MR effect size for
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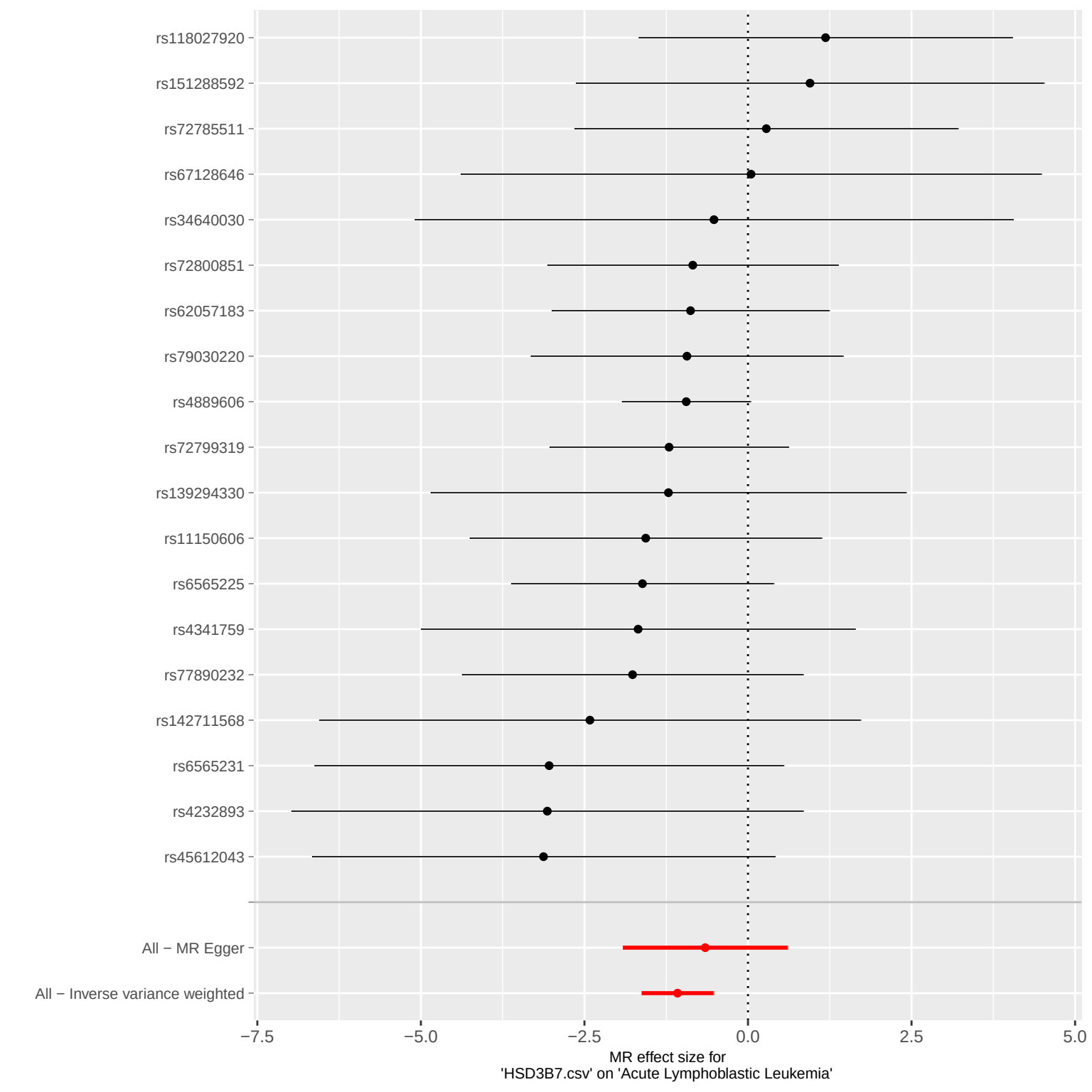
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All − MR Egger
All − Inverse variance weighted
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−2.5
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2.5
5.0
MR effect size for
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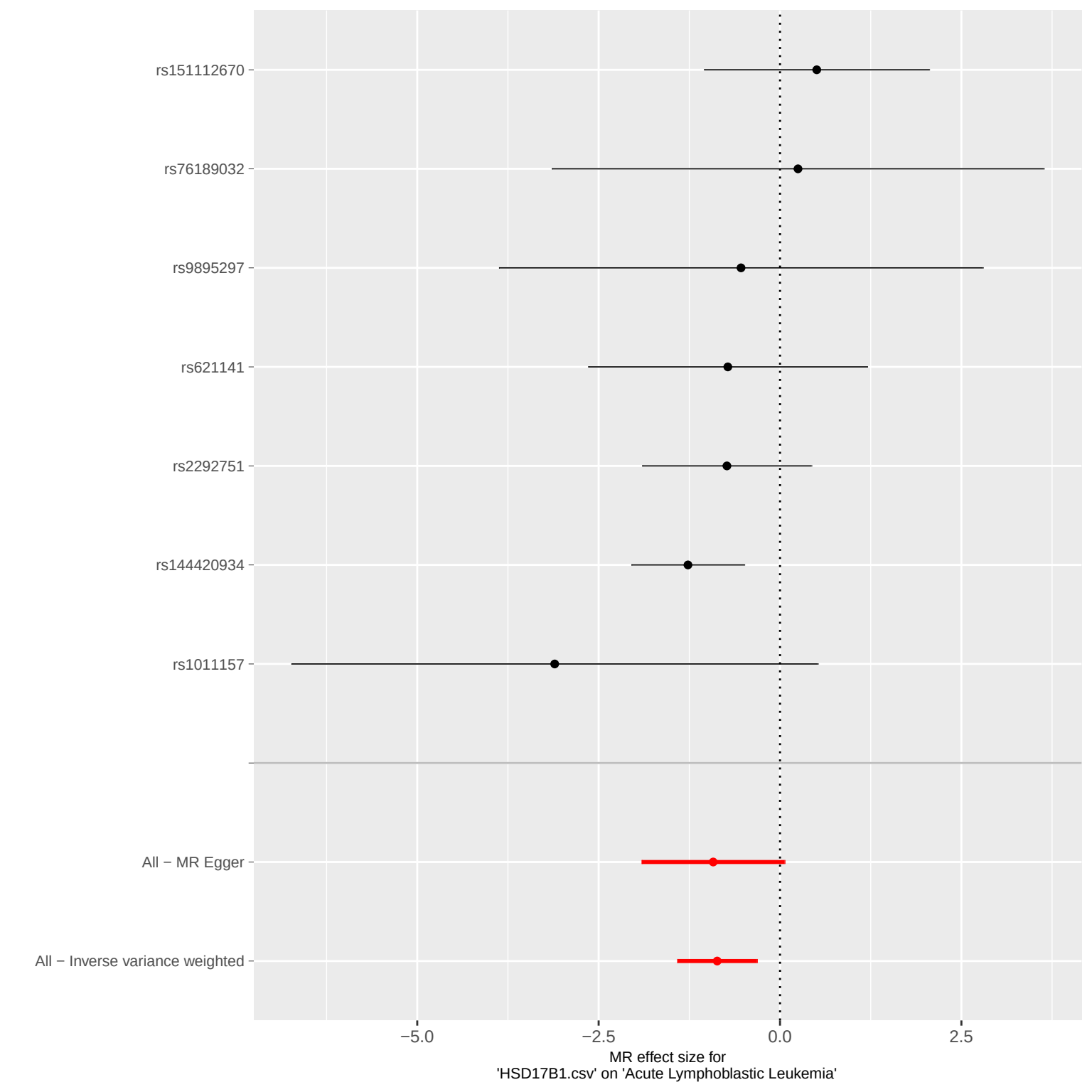
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All − MR Egger
All − Inverse variance weighted
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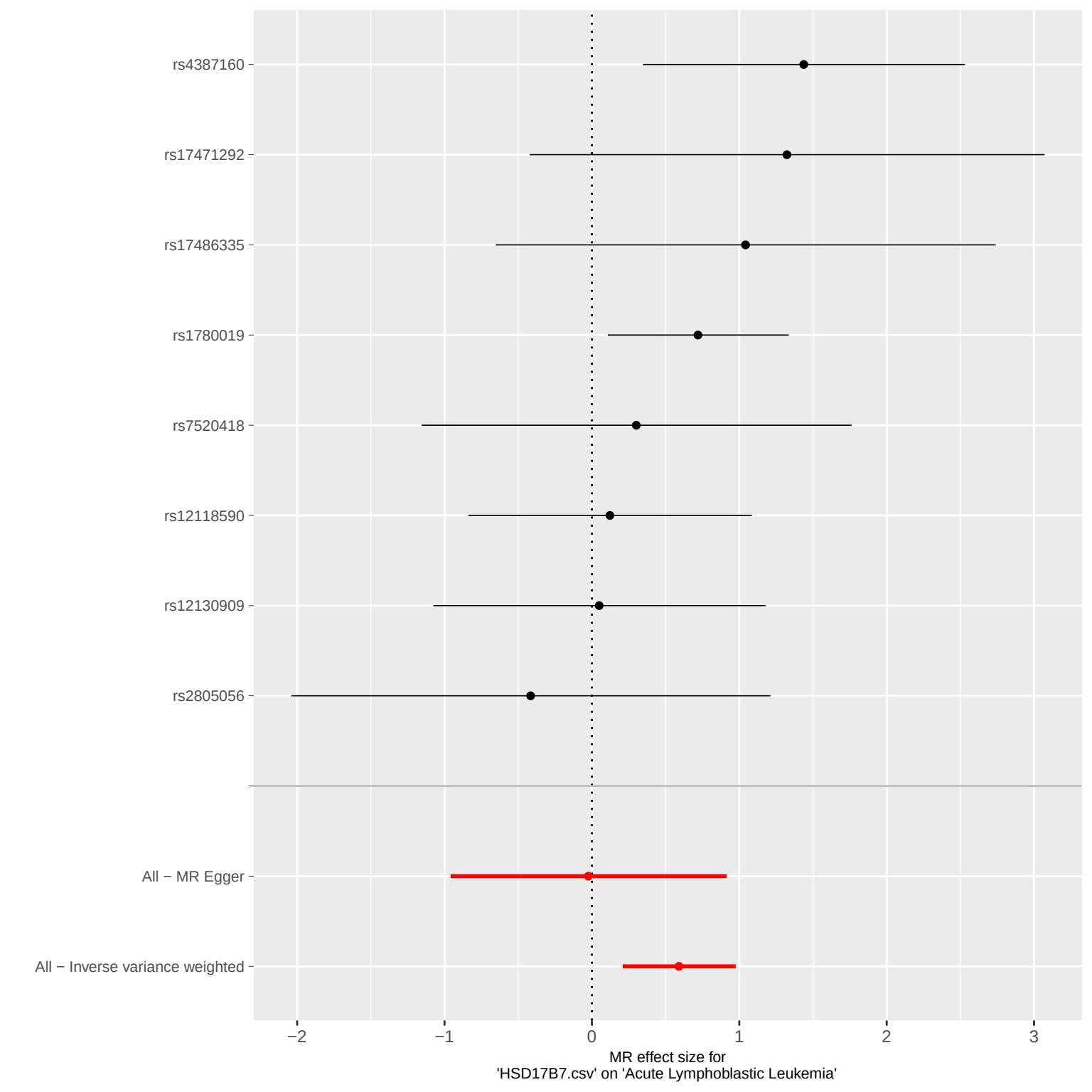
−2.5
0.0
2.5
MR effect size for
'HSD17B1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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1
2
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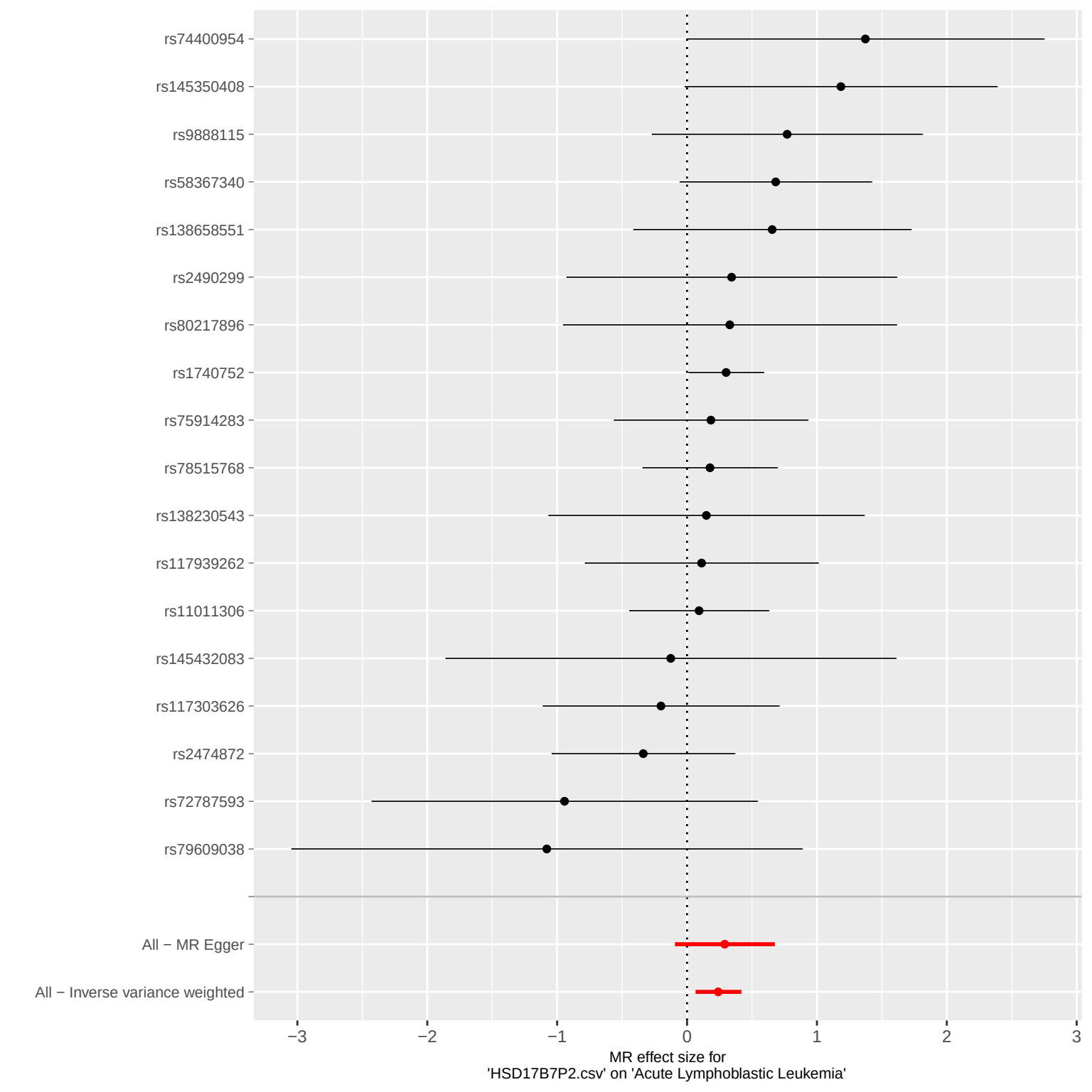
MR effect size for
'HSD17B7.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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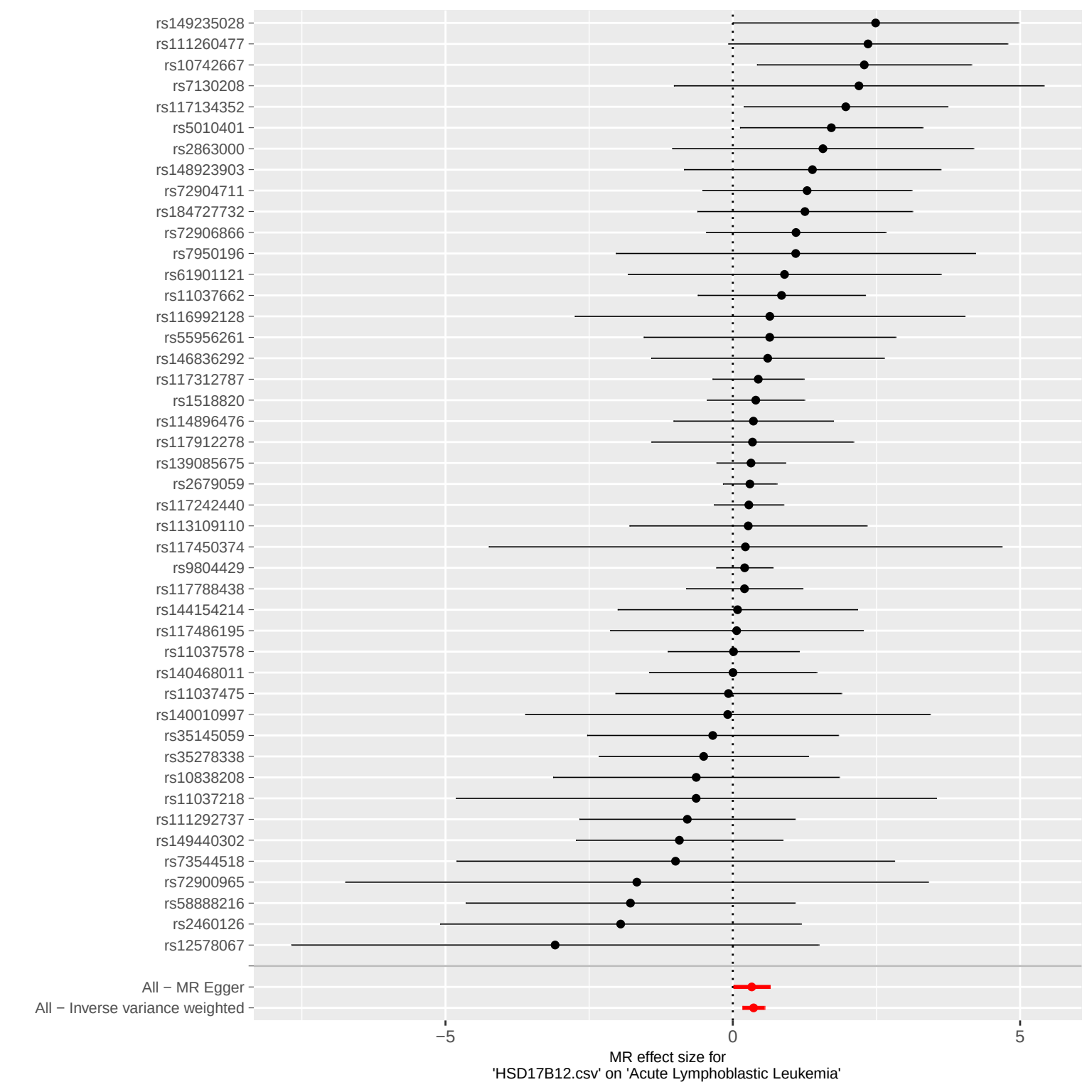
−1
0
1
2
3
MR effect size for
'HSD17B7P2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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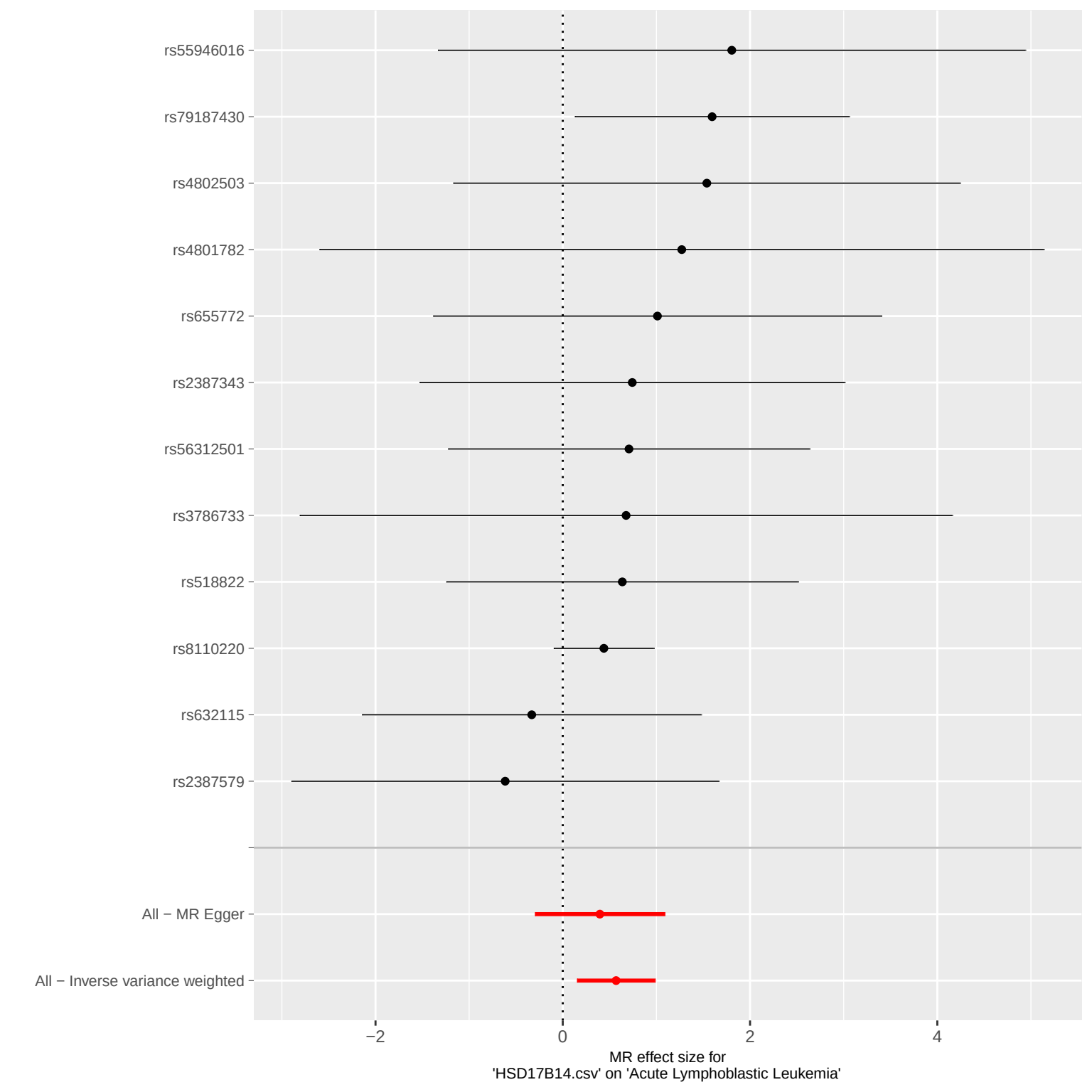
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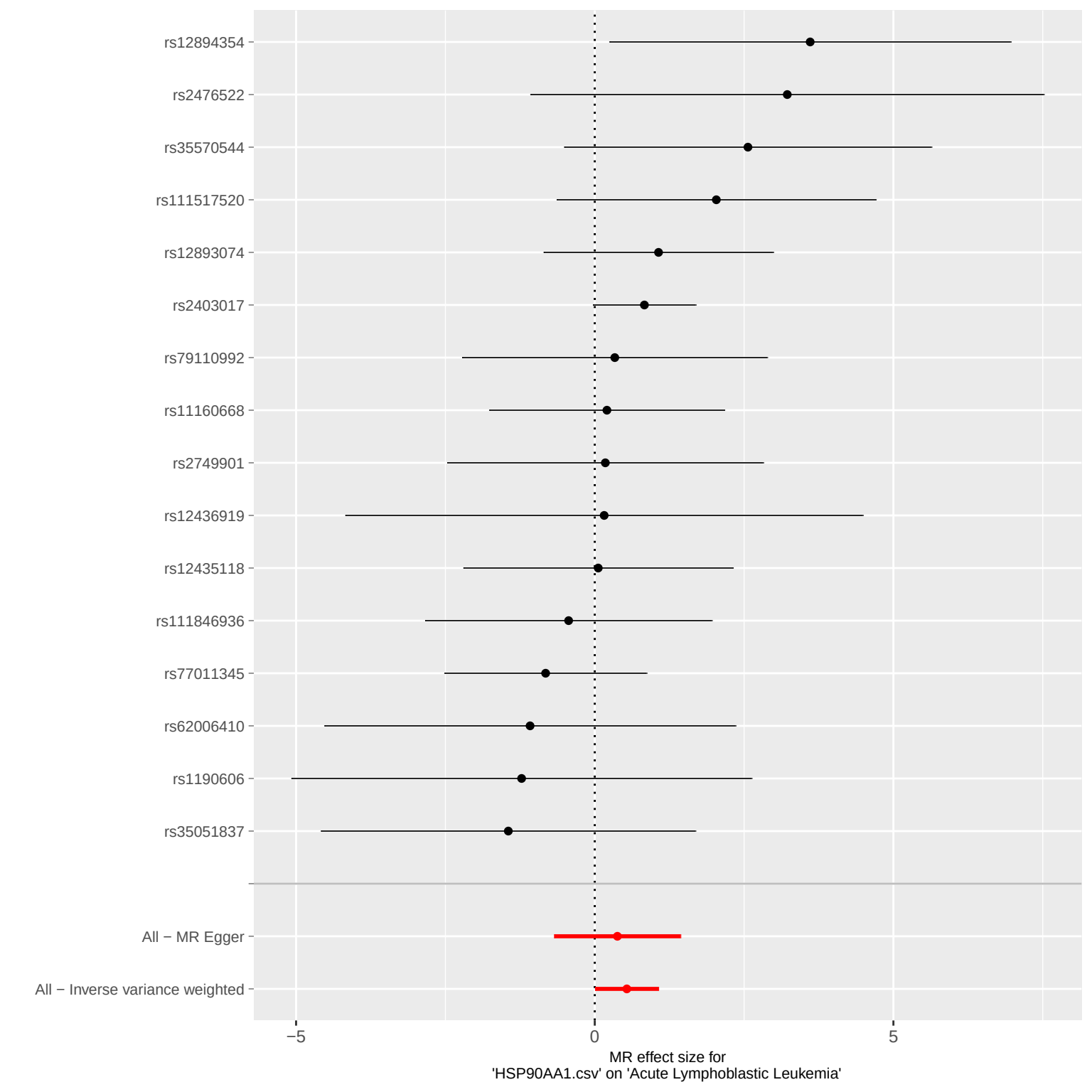
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All − Inverse variance weighted
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MR effect size for
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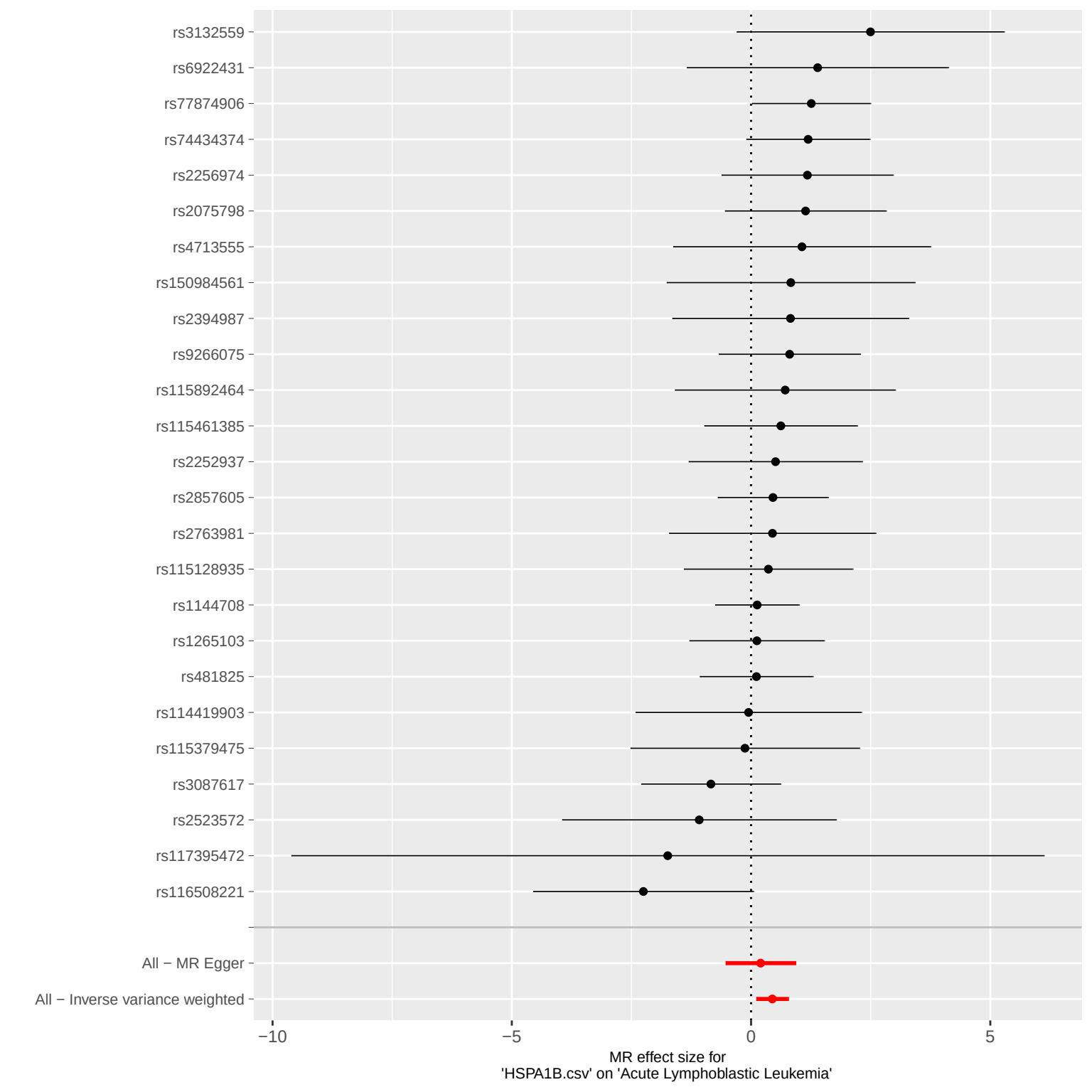
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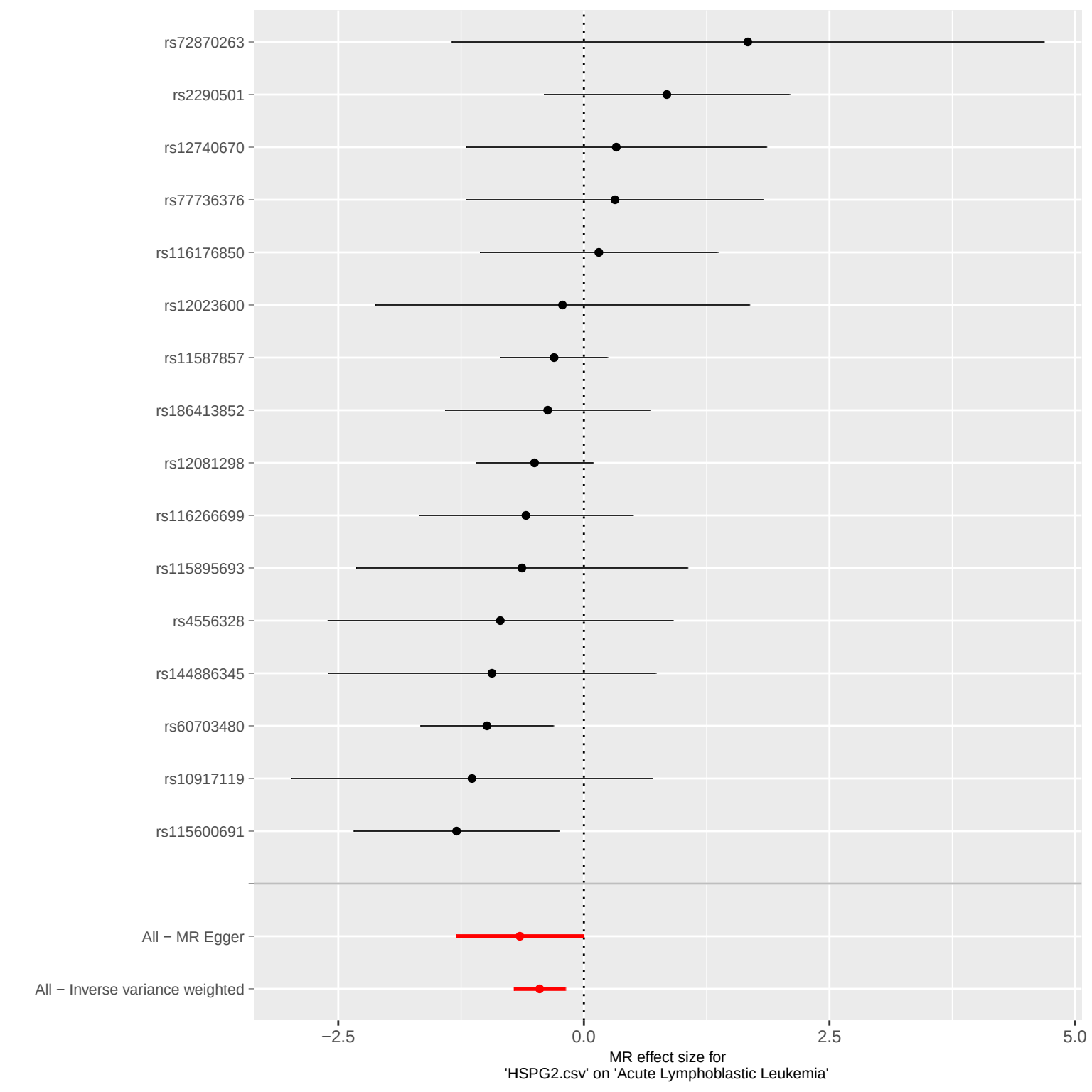
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All − MR Egger
All − Inverse variance weighted
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2.5
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MR effect size for
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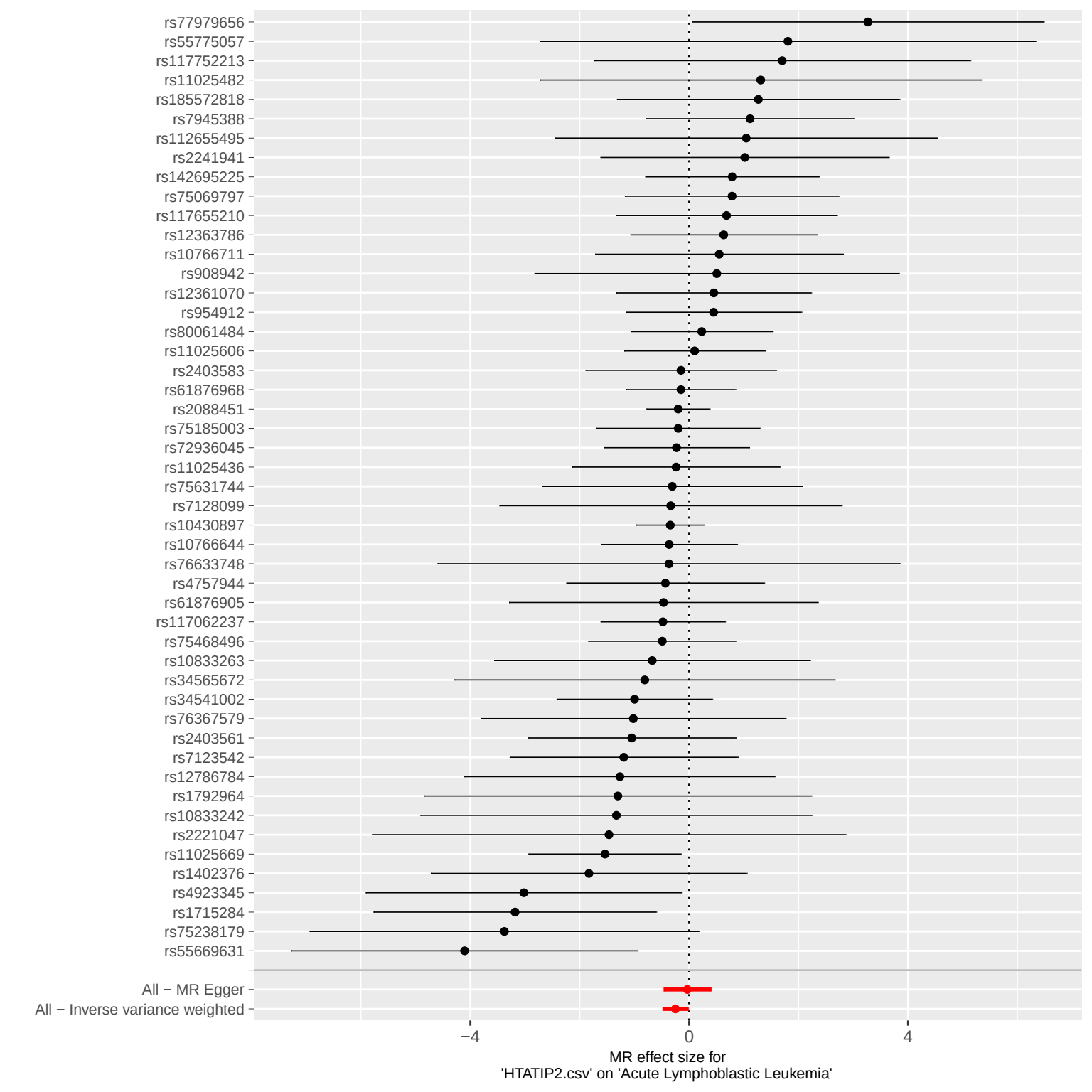
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All − Inverse variance weighted
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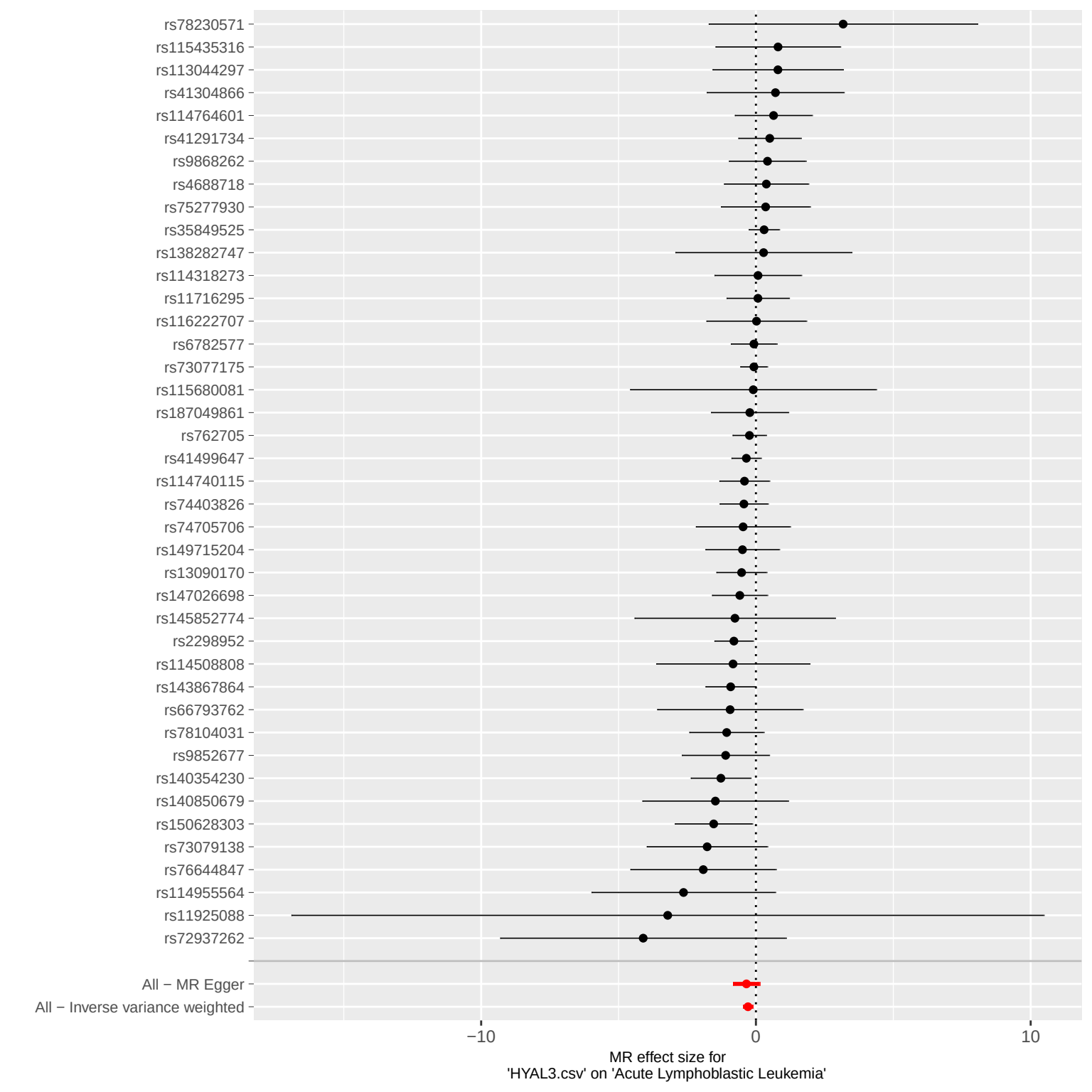
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All − MR Egger
All − Inverse variance weighted
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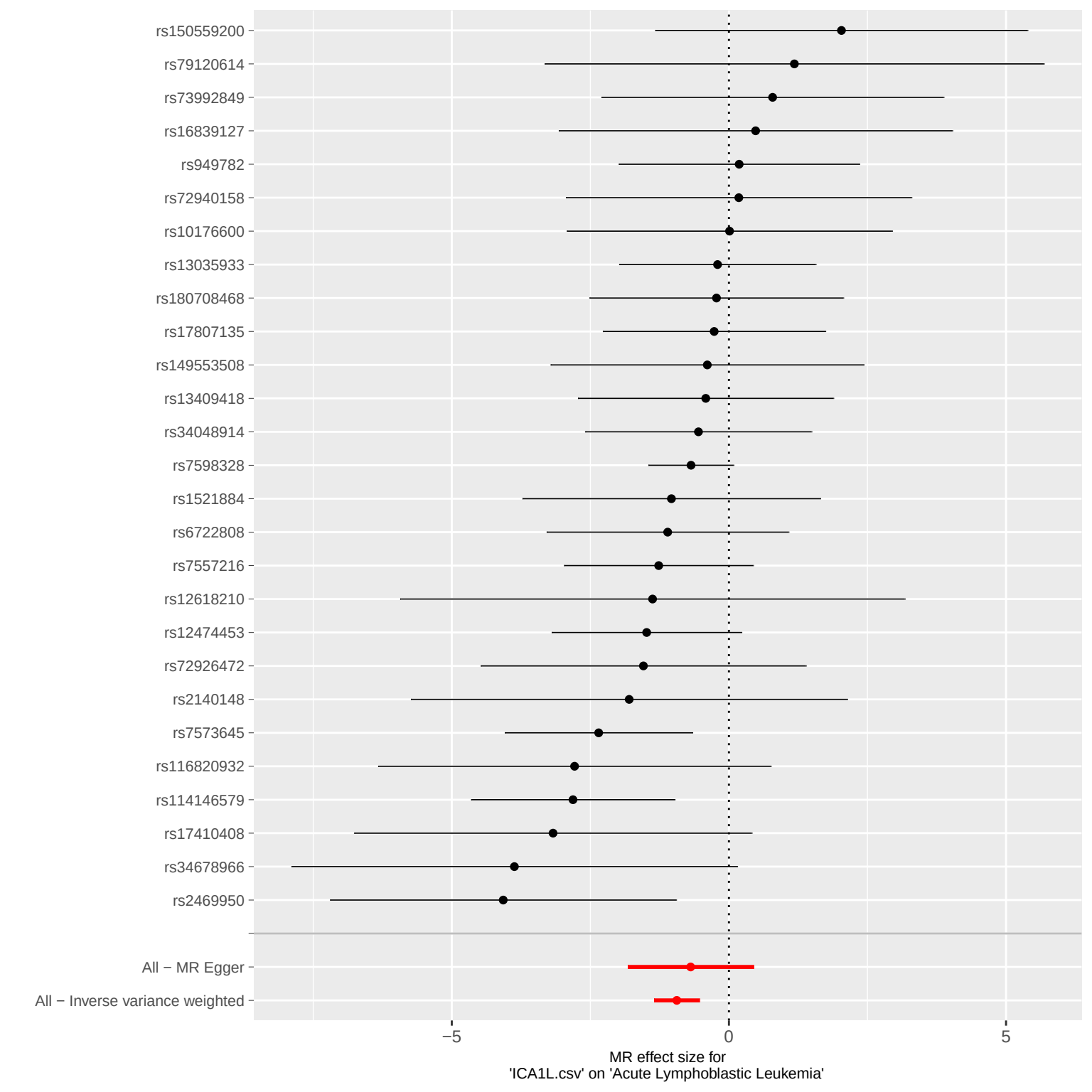
MR effect size for
'HYAL3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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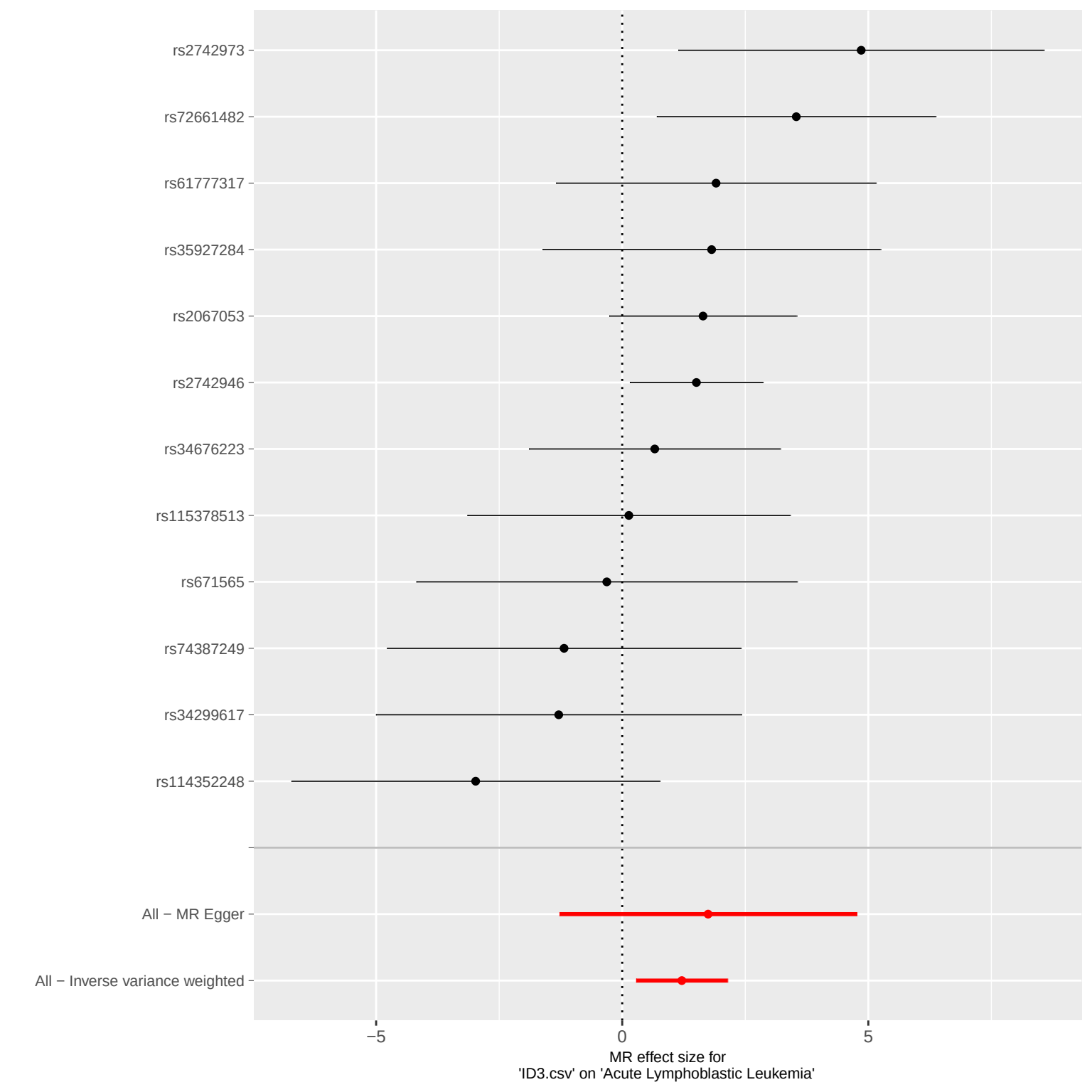
MR effect size for
'ICA1L.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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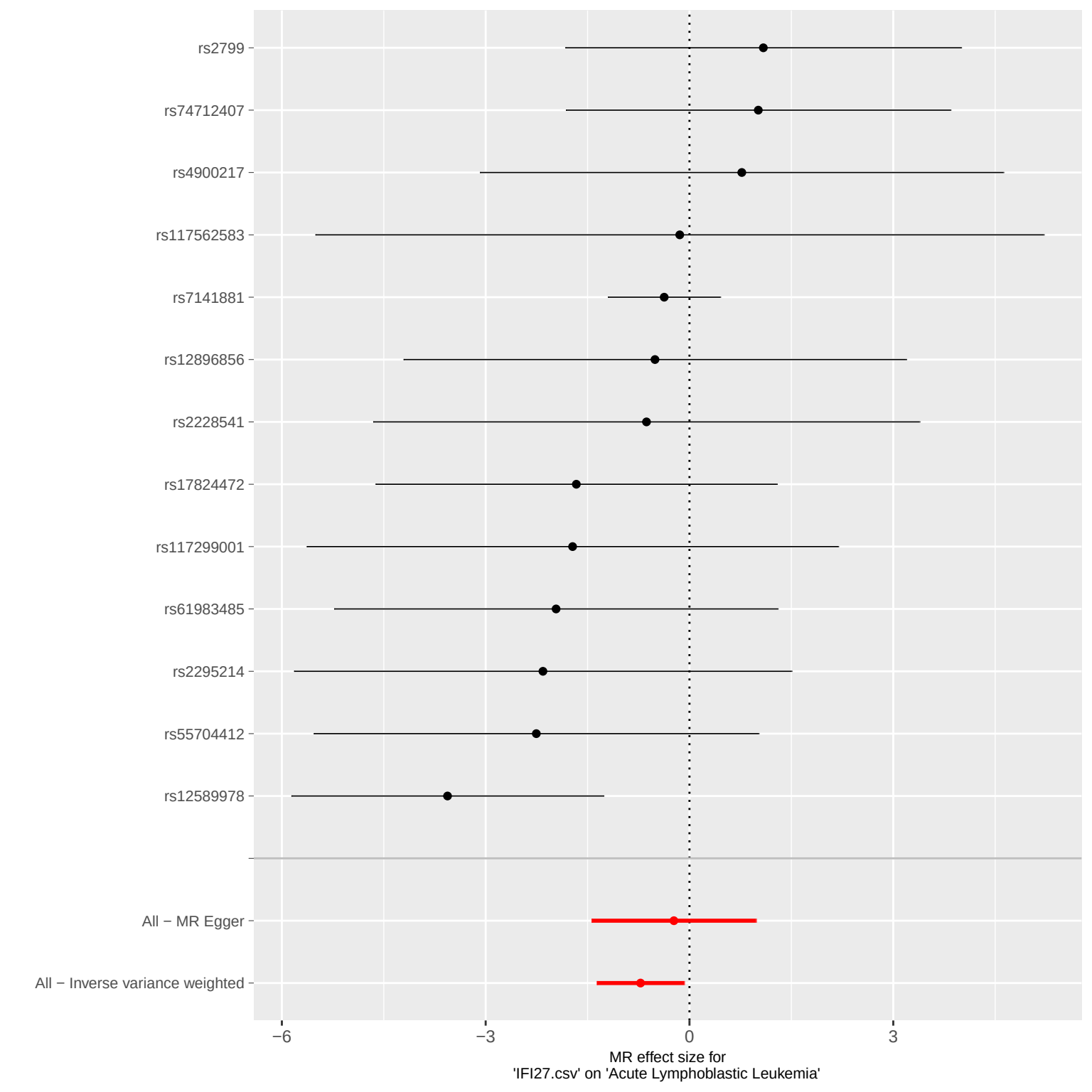
MR effect size for
'ID3.csv' on 'Acute Lymphoblastic Leukemia'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rs2228541
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All − MR Egger
All − Inverse variance weighted
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−3
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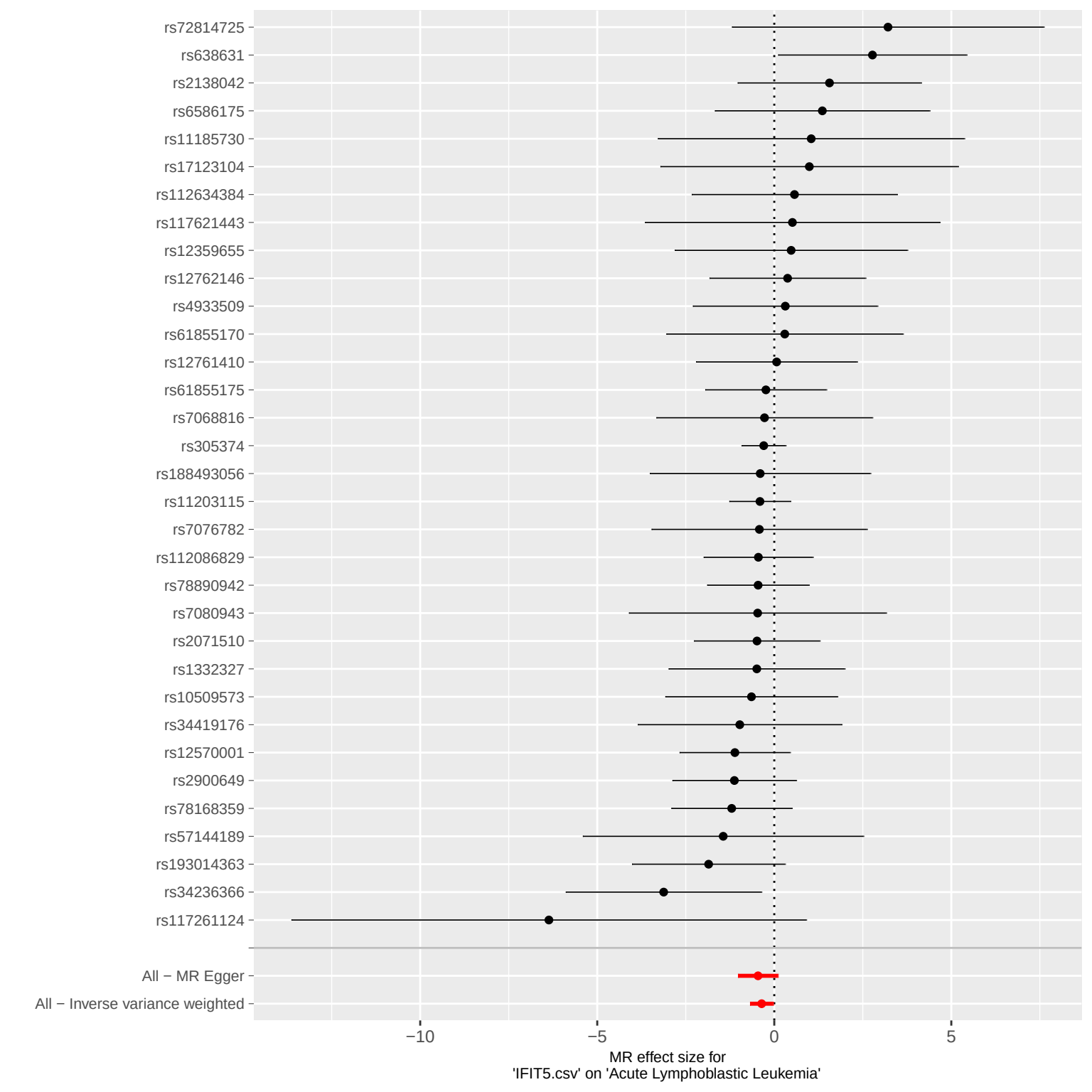
MR effect size for
'IFI27.csv' on 'Acute Lymphoblastic Leukemia'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rs34419176
rs12570001
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rs78168359
rs57144189
rs193014363
rs34236366
rs117261124
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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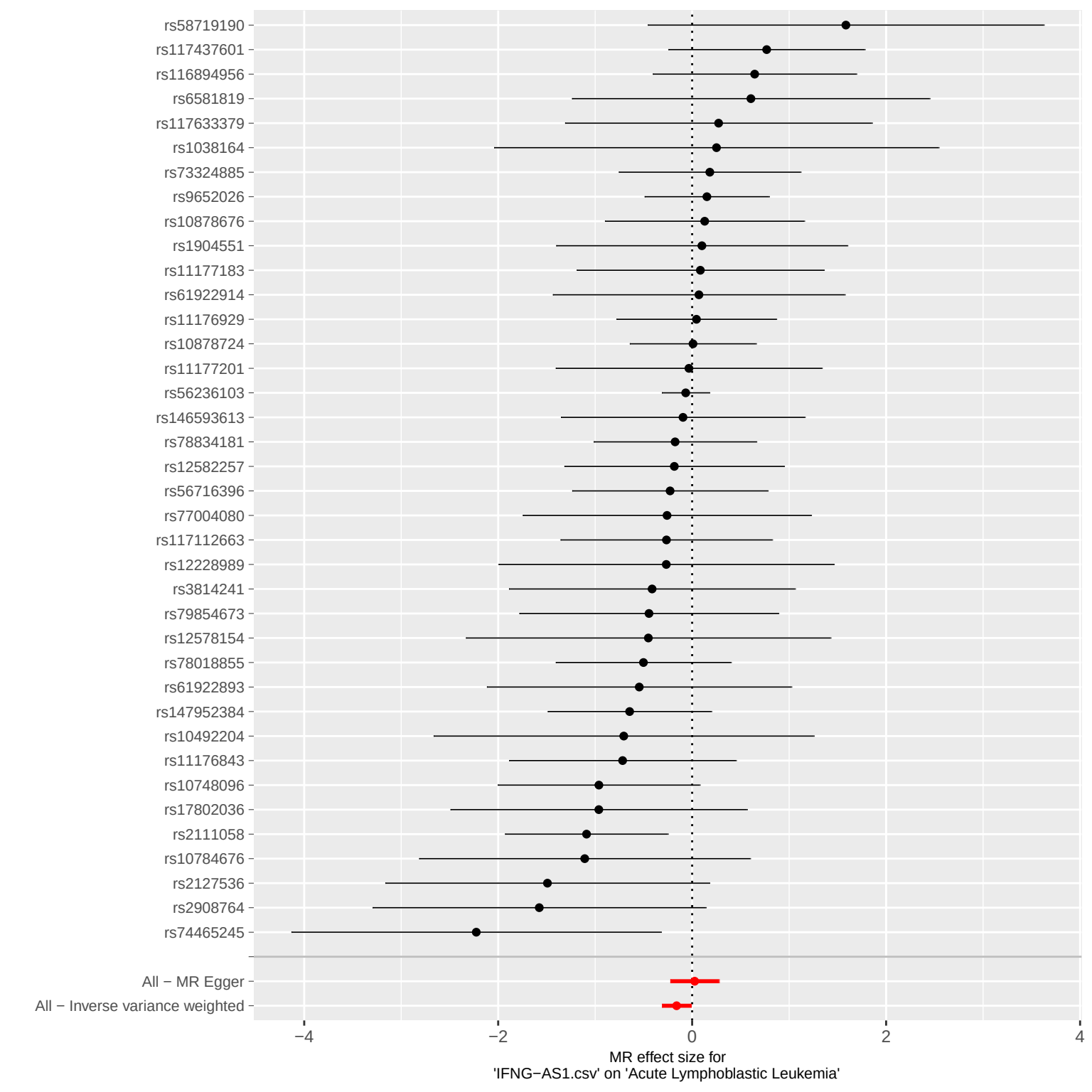
MR effect size for
'IFIT5.csv' on 'Acute Lymphoblastic Leukemia'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rs147952384
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rs17802036
rs2111058
rs10784676
rs2127536
rs2908764
rs74465245
All − MR Egger
All − Inverse variance weighted
−4
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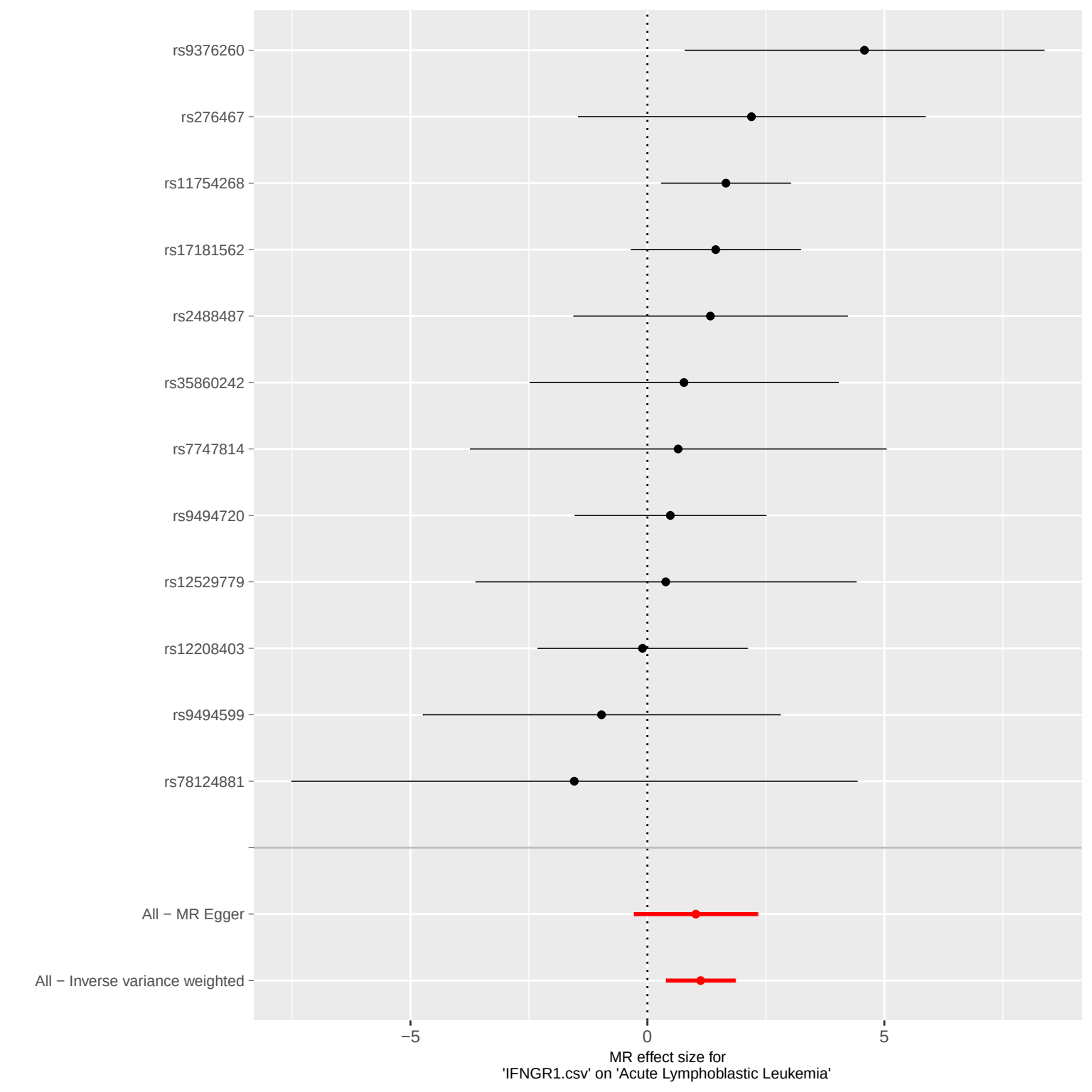
MR effect size for
'IFNG−AS1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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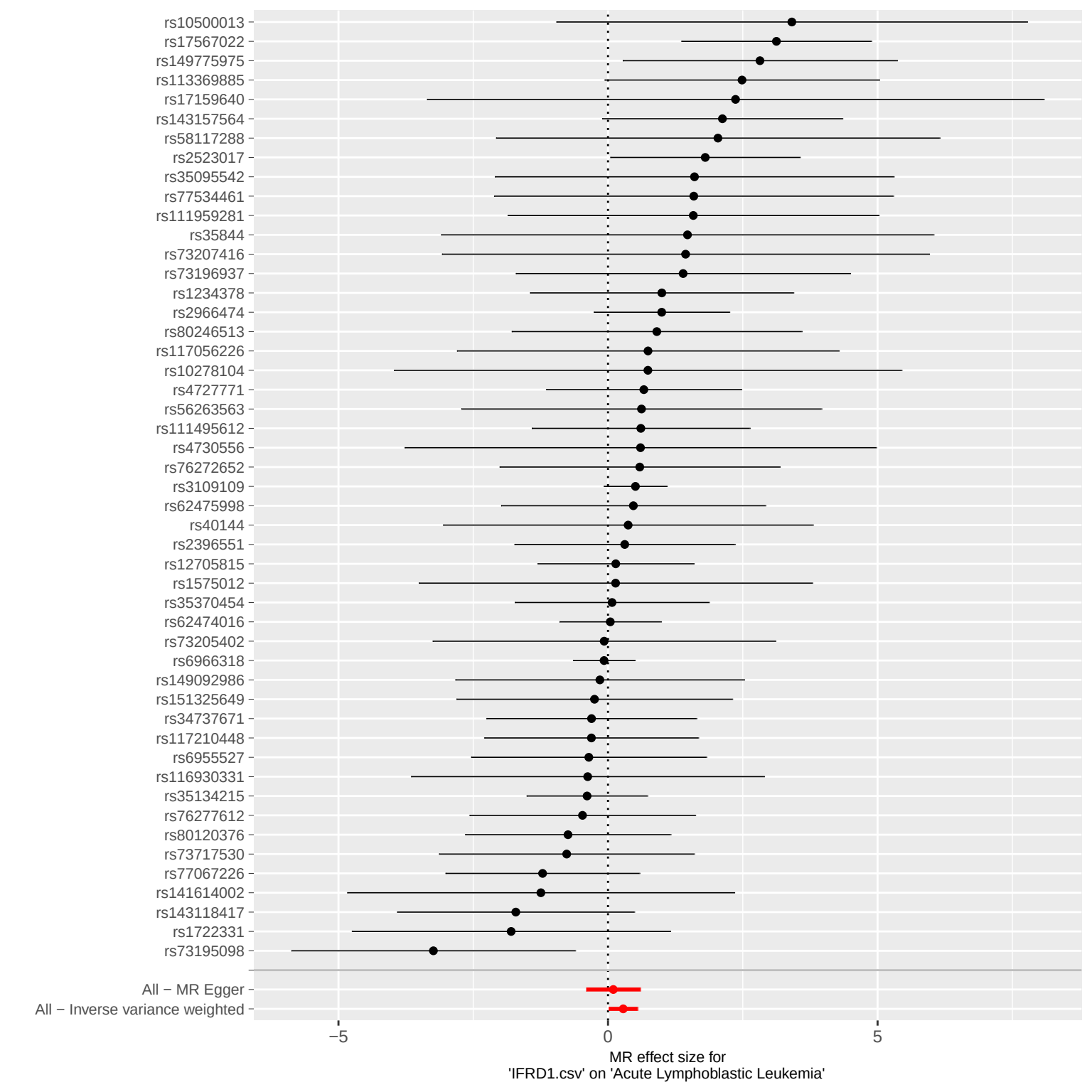
MR effect size for
'IFNGR1.csv' on 'Acute Lymphoblastic Leukemia'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rs56263563
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rs73205402
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rs116930331
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rs77067226
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All − MR Egger
All − Inverse variance weighted
−5
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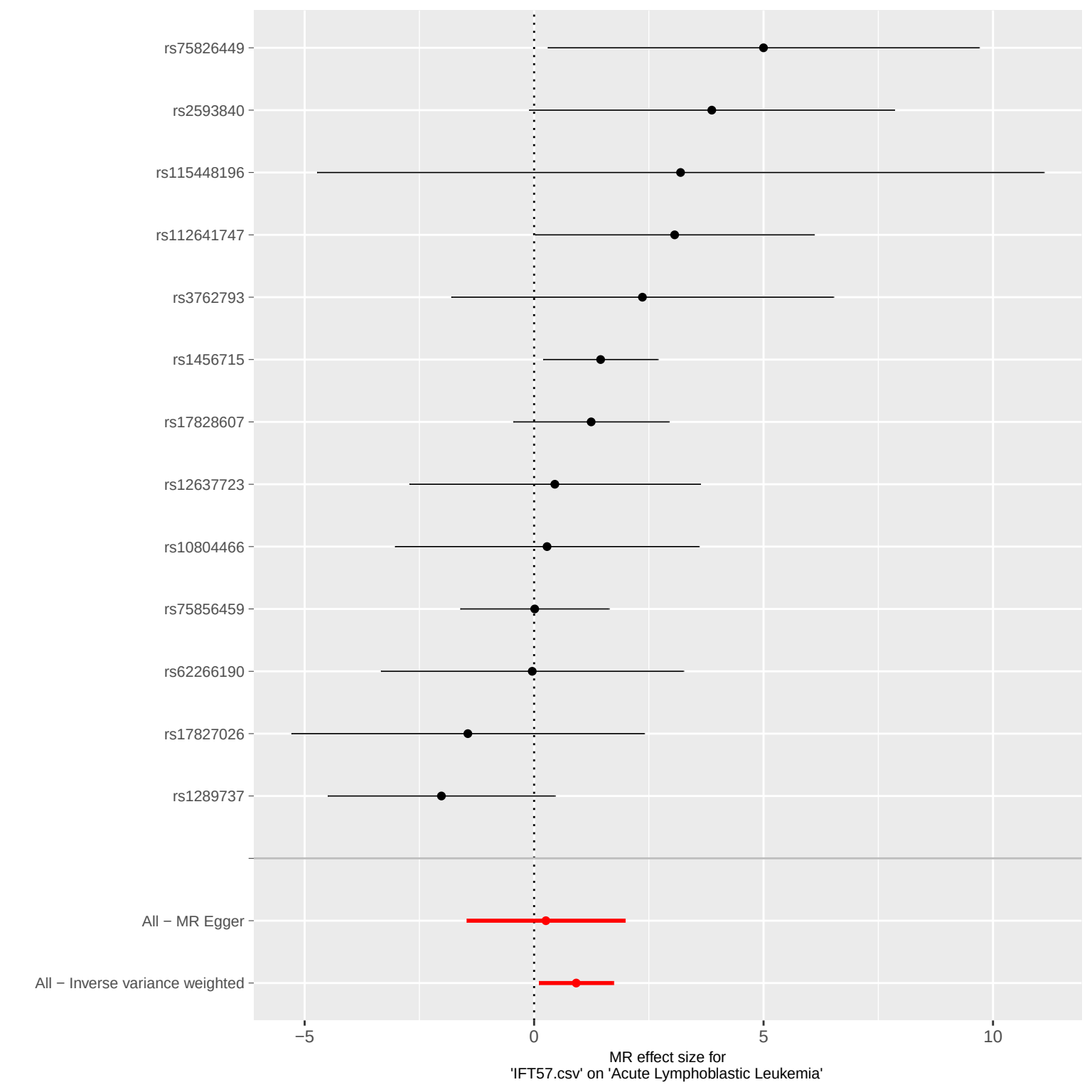
MR effect size for
'IFRD1.csv' on 'Acute Lymphoblastic Leukemia'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rs75856459
rs62266190
rs17827026
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All − MR Egger
All − Inverse variance weighted
−5
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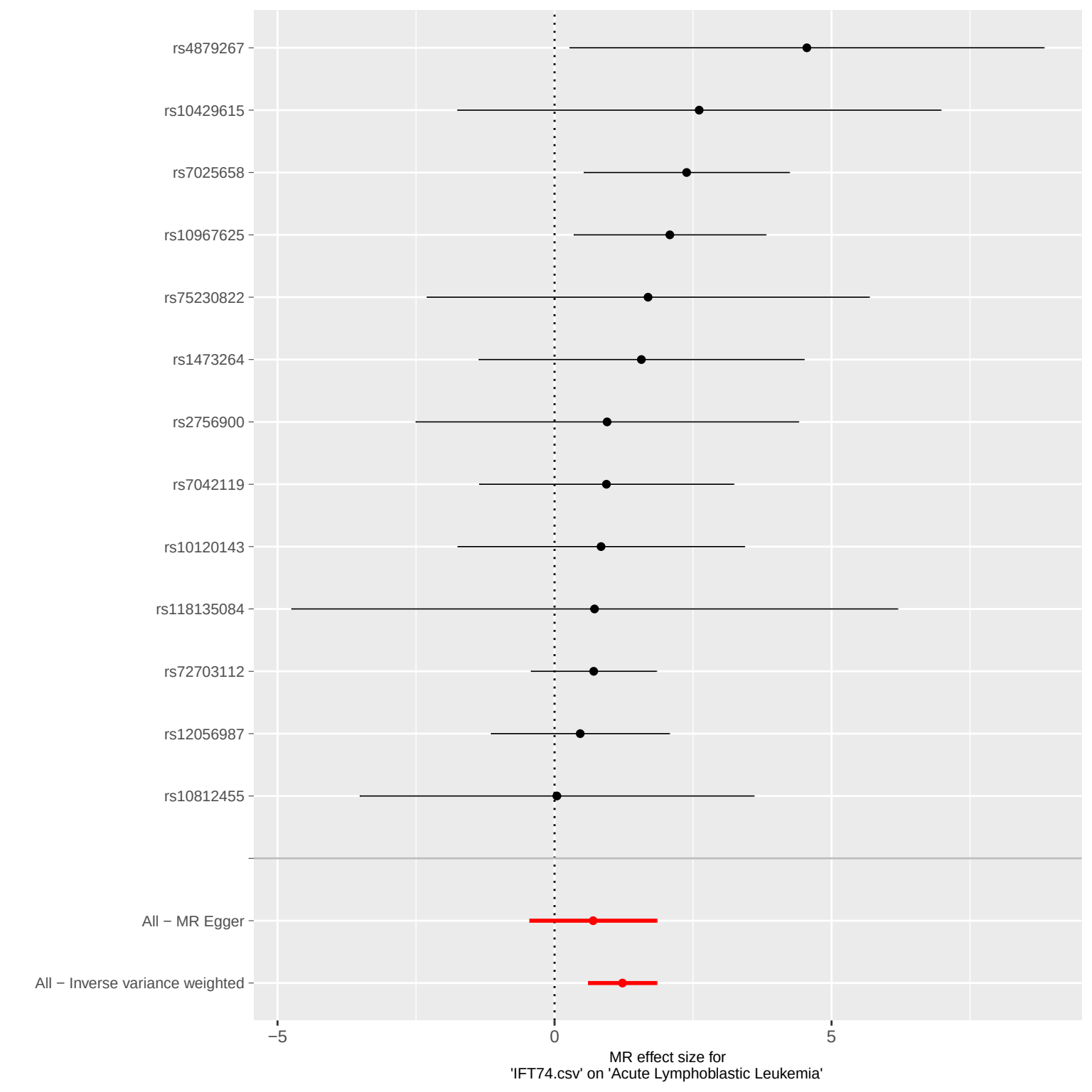
5
10
MR effect size for
'IFT57.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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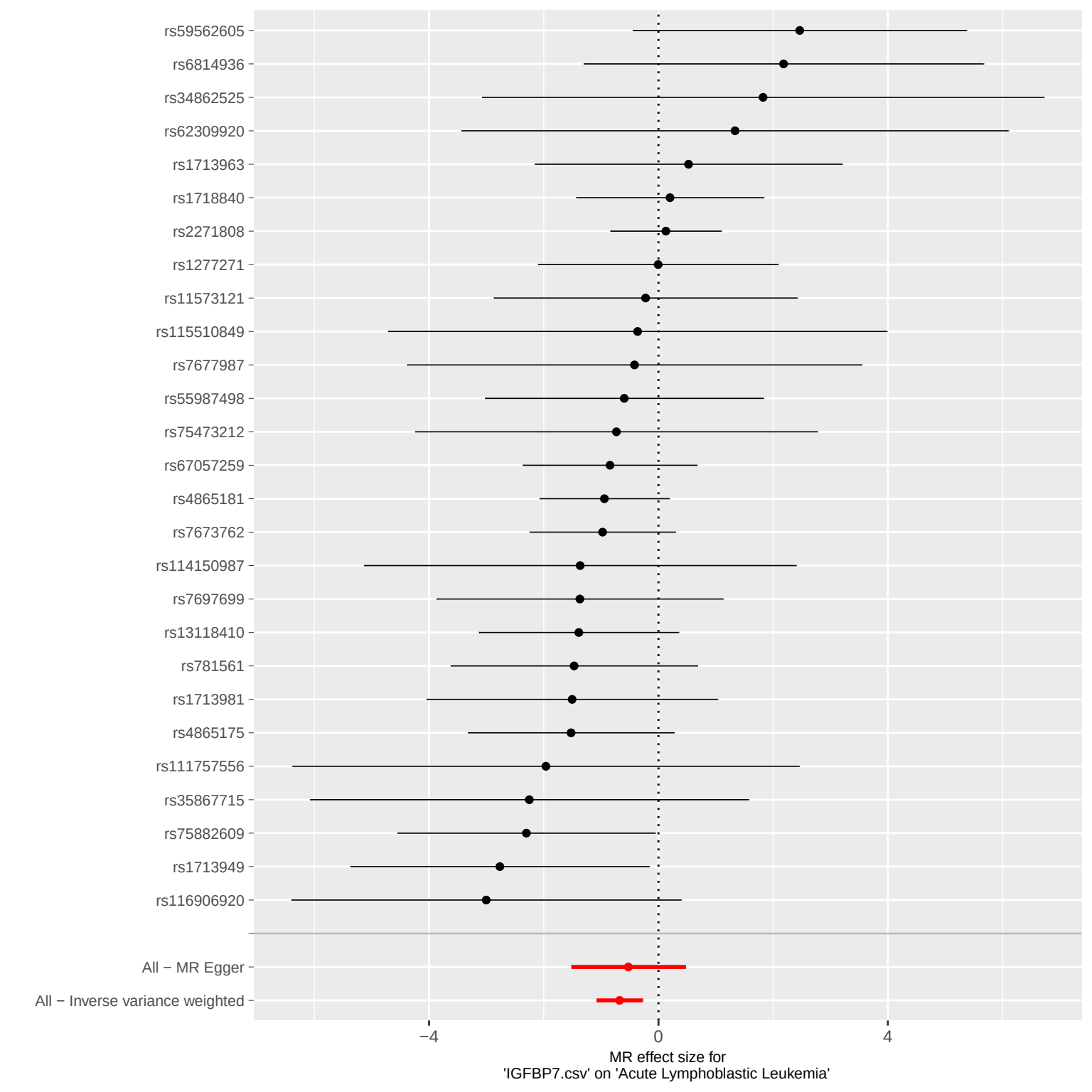
5
MR effect size for
'IFT74.csv' on 'Acute Lymphoblastic Leukemia'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rs4865175
rs111757556
rs35867715
rs75882609
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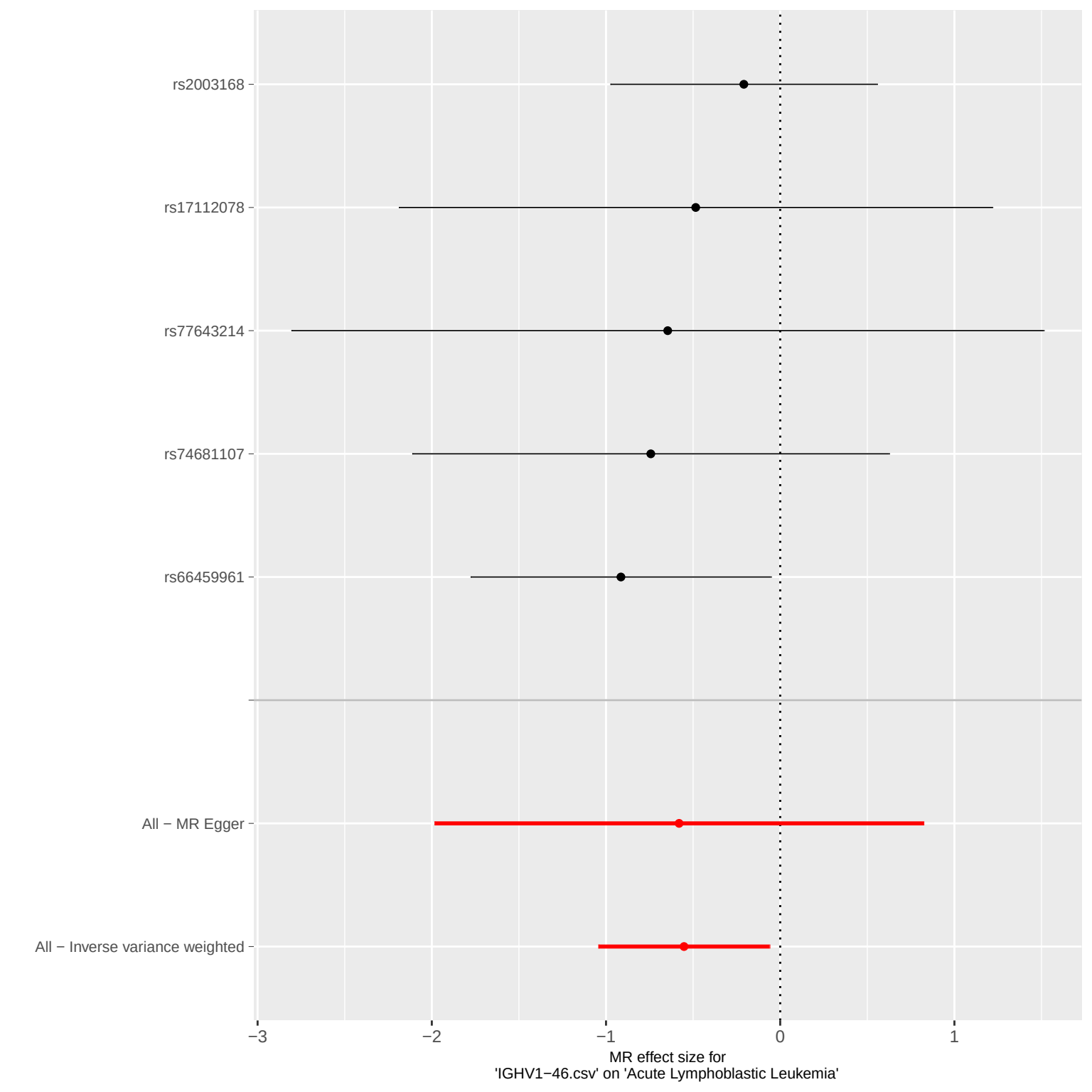
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'IGFBP7.csv' on 'Acute Lymphoblastic Leukemia'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rs77643214
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rs66459961
All − MR Egger
All − Inverse variance weighted
−3
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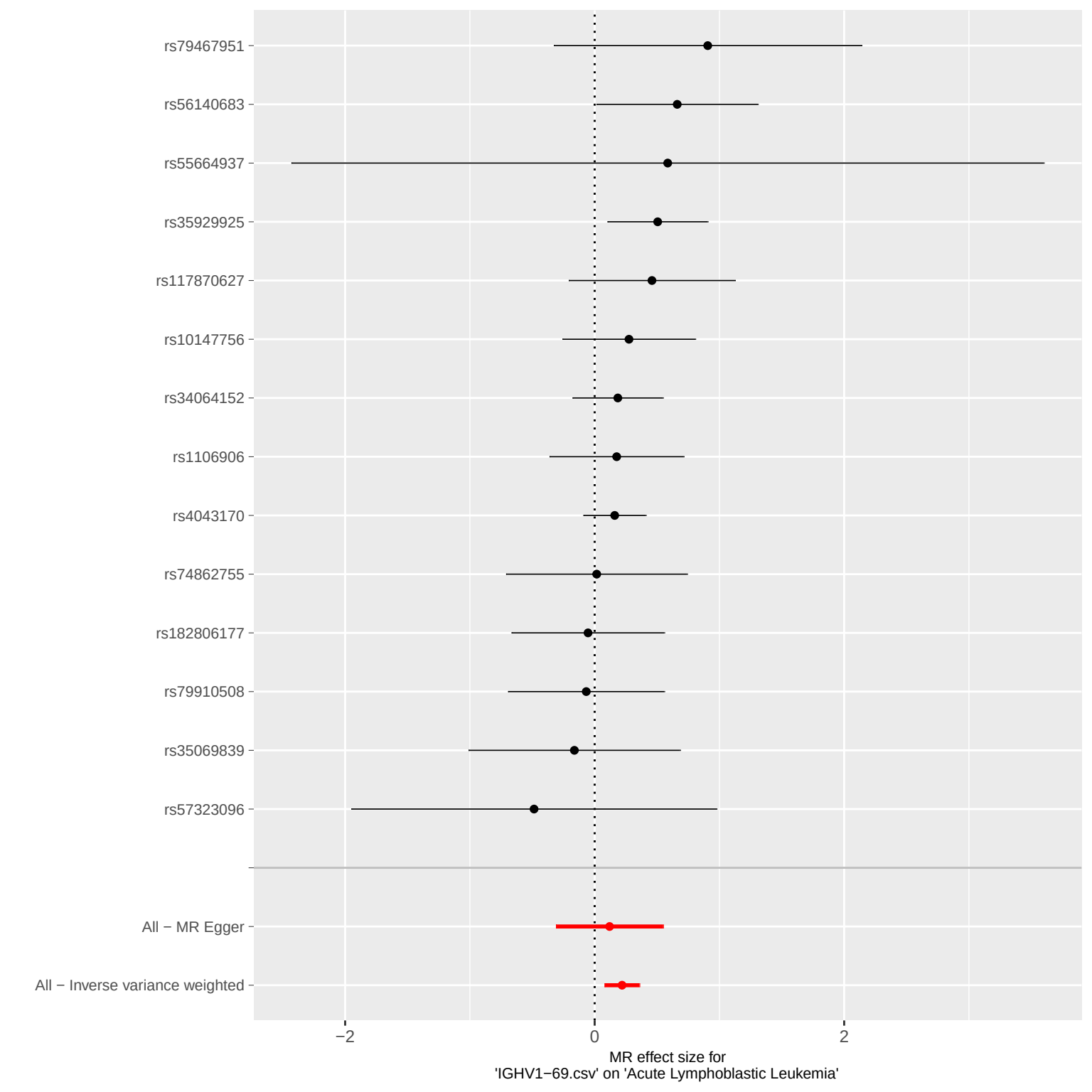
MR effect size for
'IGHV1−46.csv' on 'Acute Lymphoblastic Leukemia'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rs79910508
rs35069839
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All − Inverse variance weighted
−2
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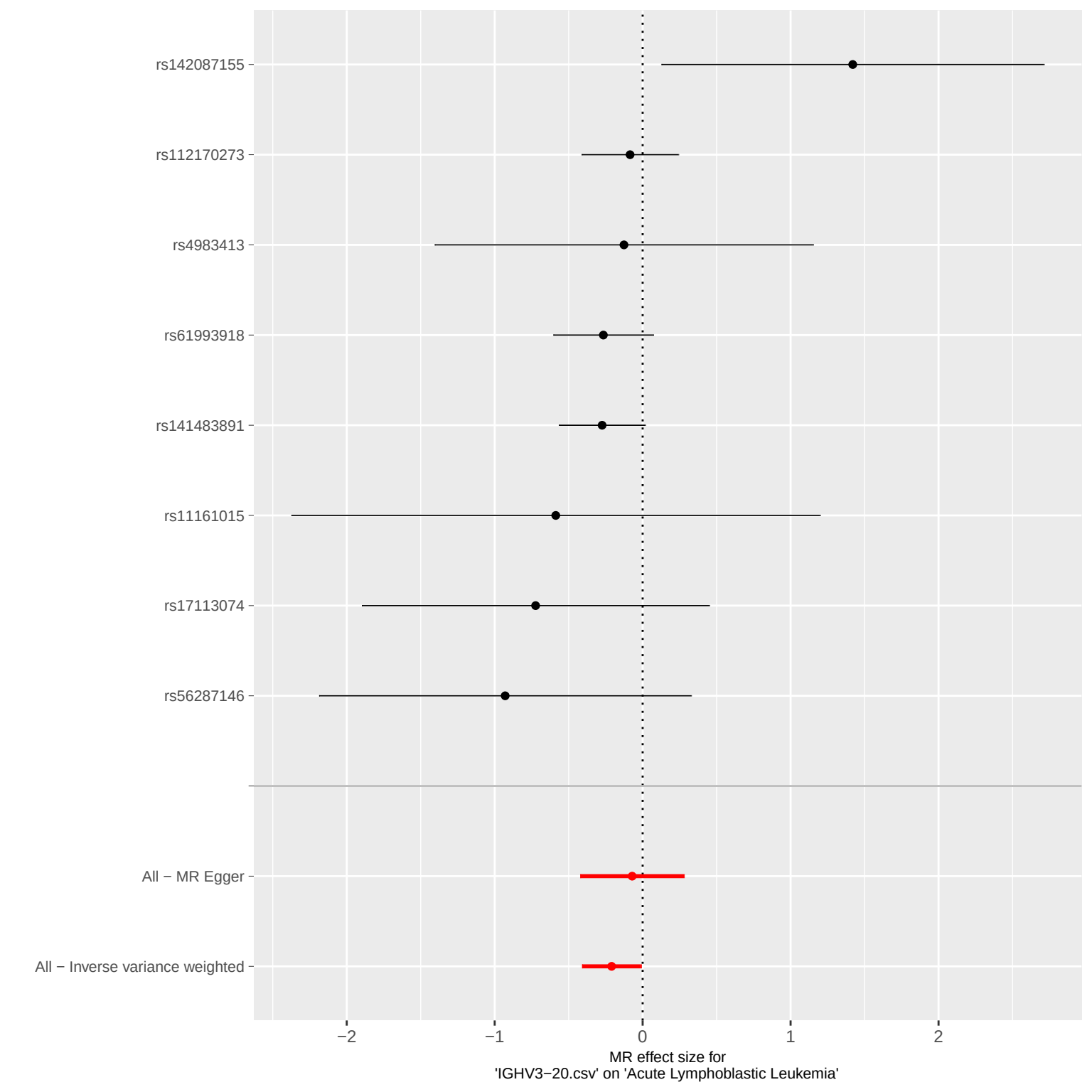
MR effect size for
'IGHV1−69.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
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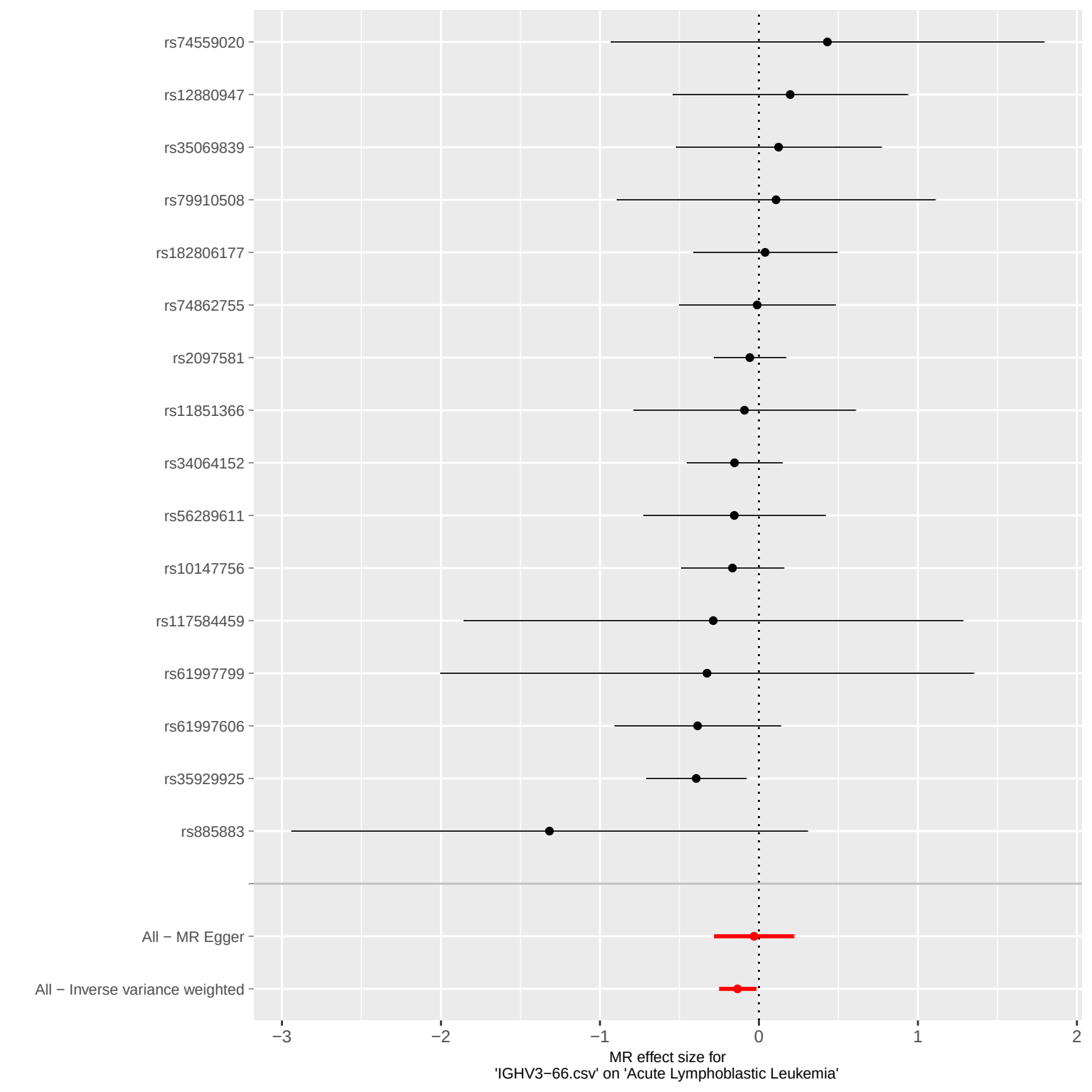
MR effect size for
'IGHV3−20.csv' on 'Acute Lymphoblastic Leukemia'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rs35929925
rs885883
All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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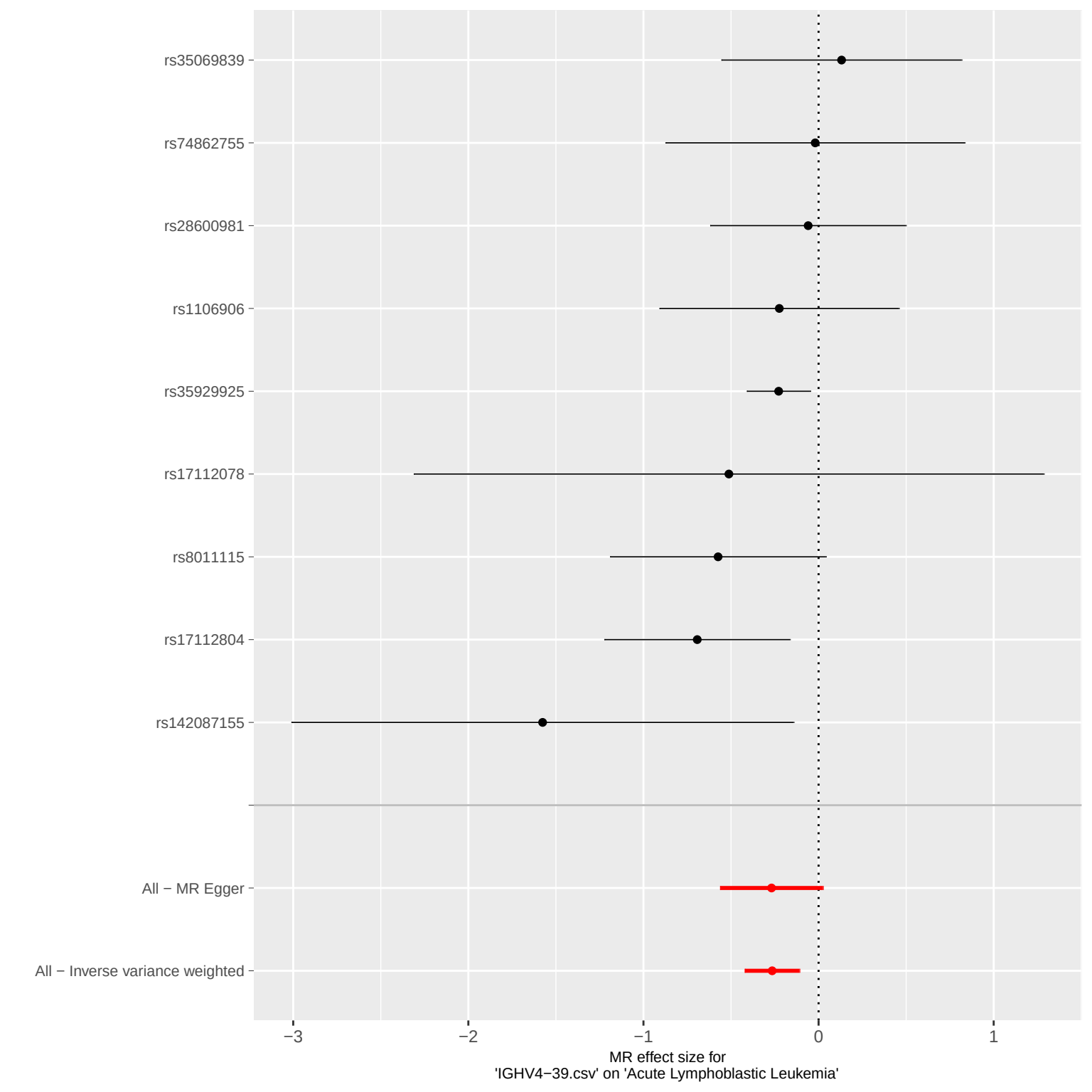
MR effect size for
'IGHV3−66.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−3
−2
−1
0
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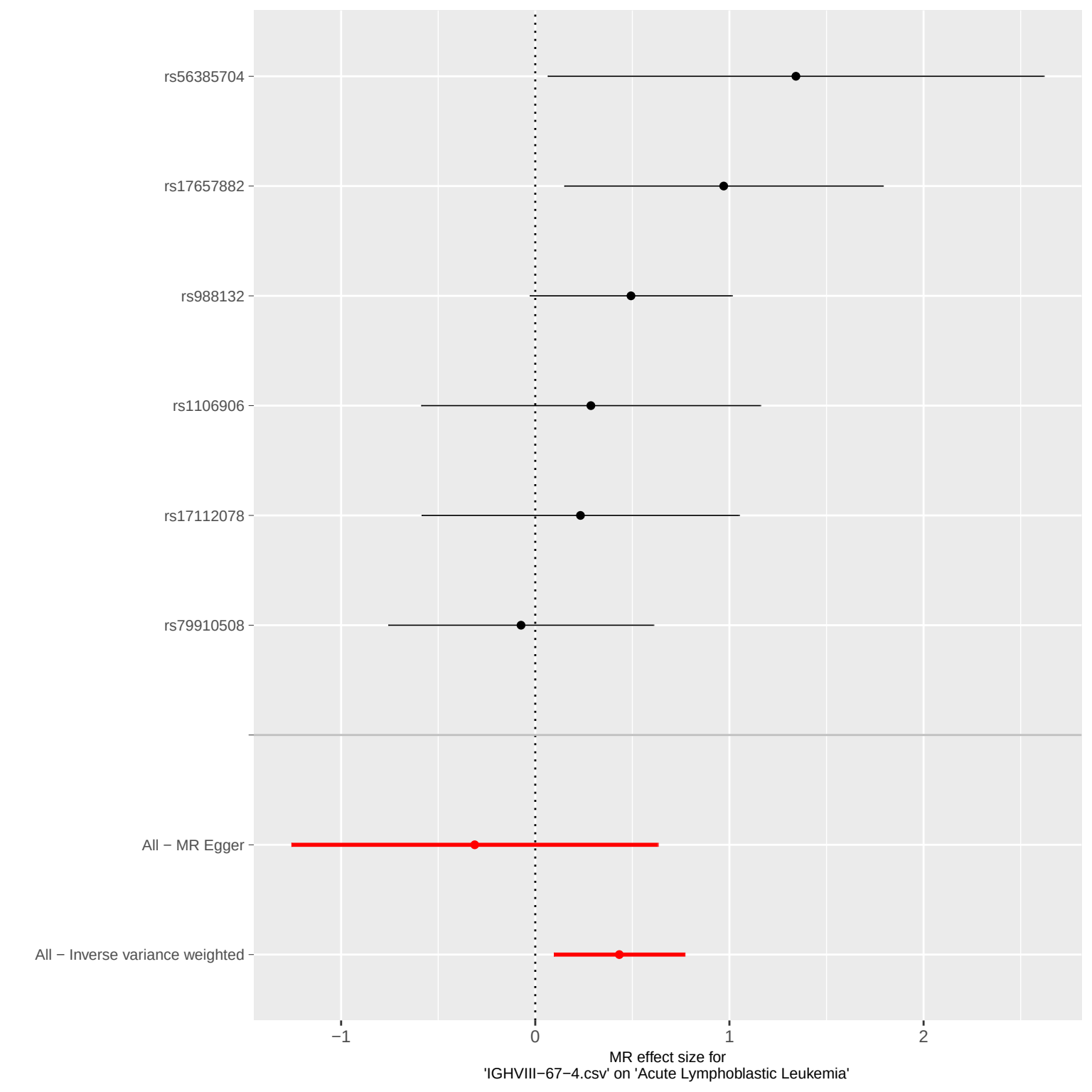
MR effect size for
'IGHV4−39.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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0
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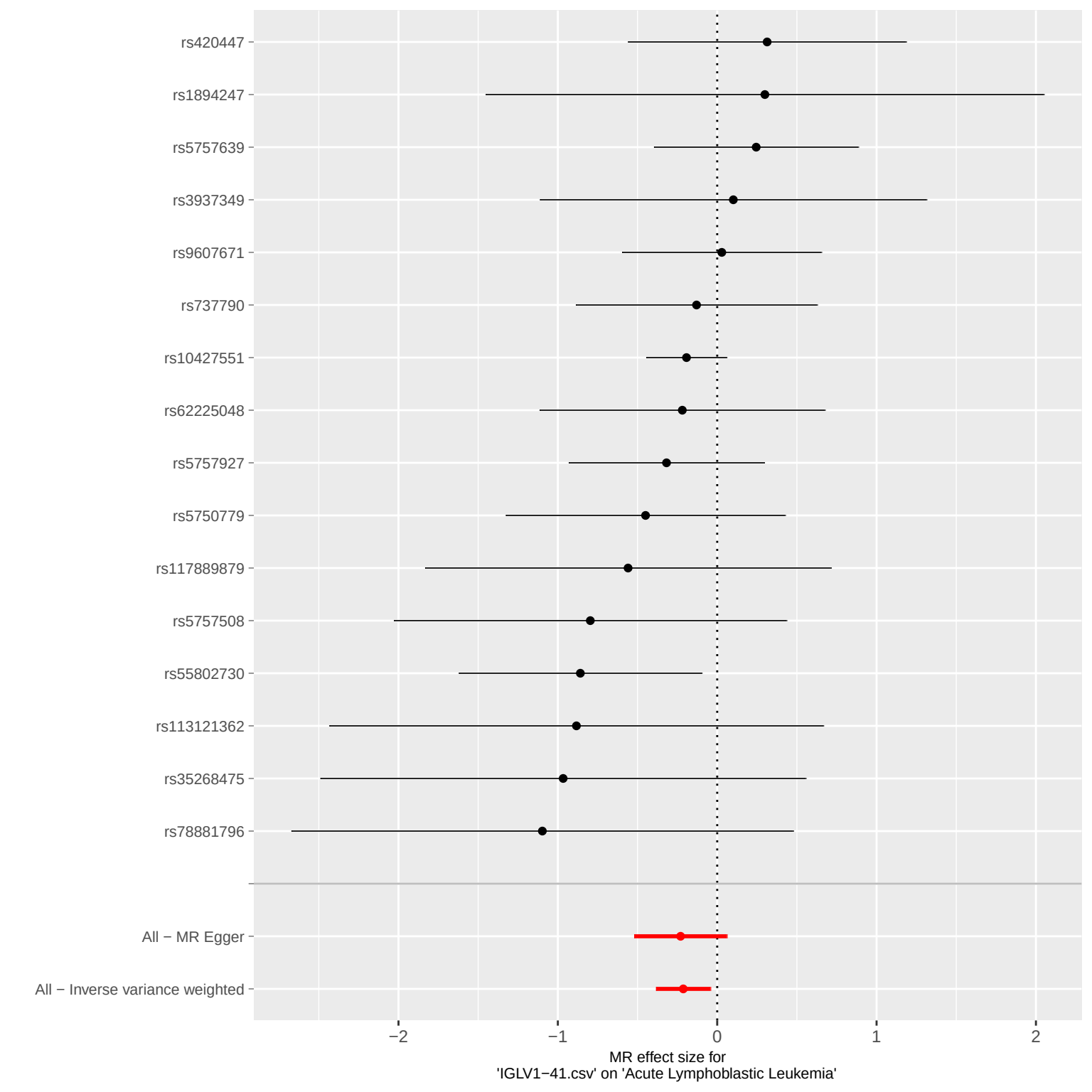
MR effect size for
'IGHVIII−67−4.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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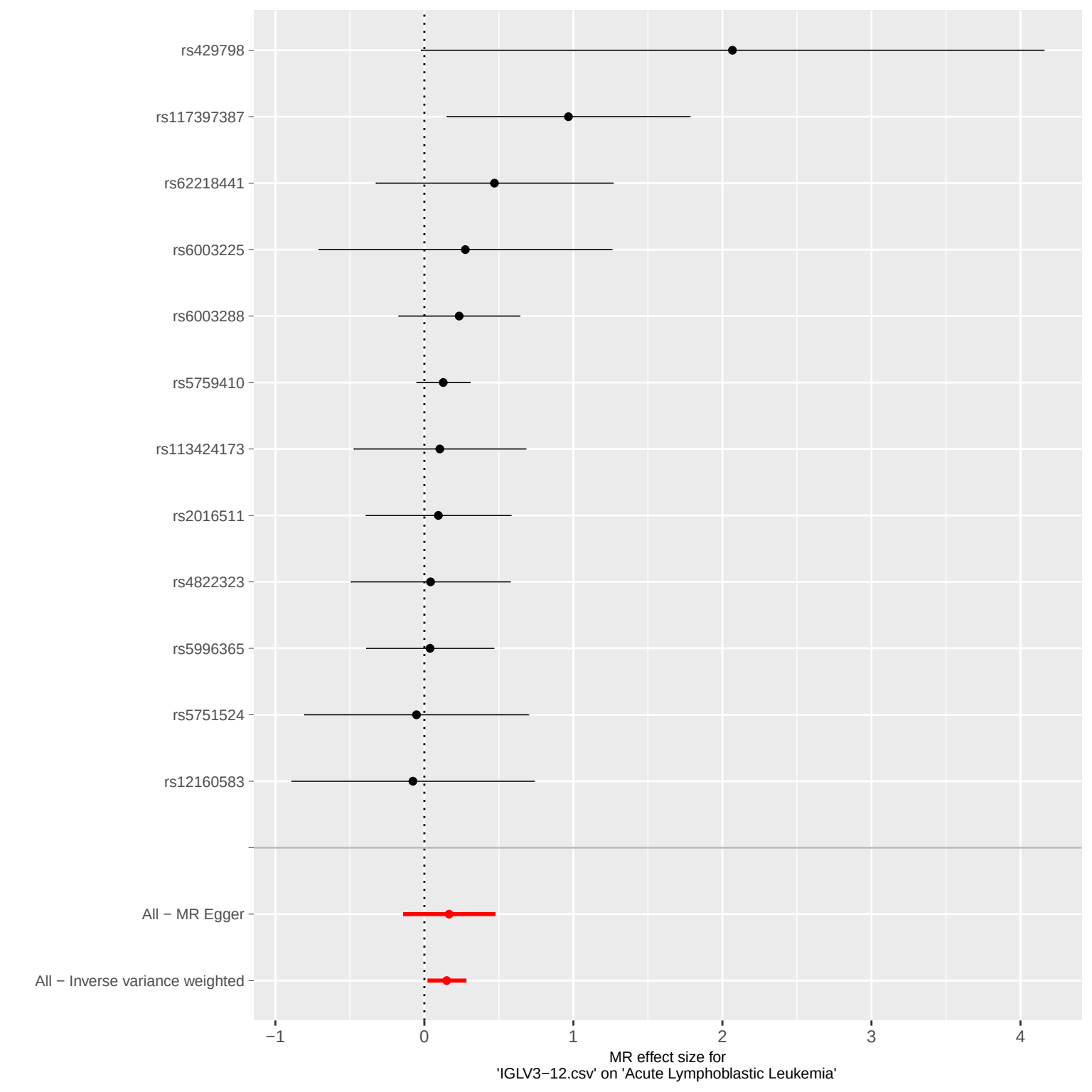
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All − MR Egger
All − Inverse variance weighted
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2
3
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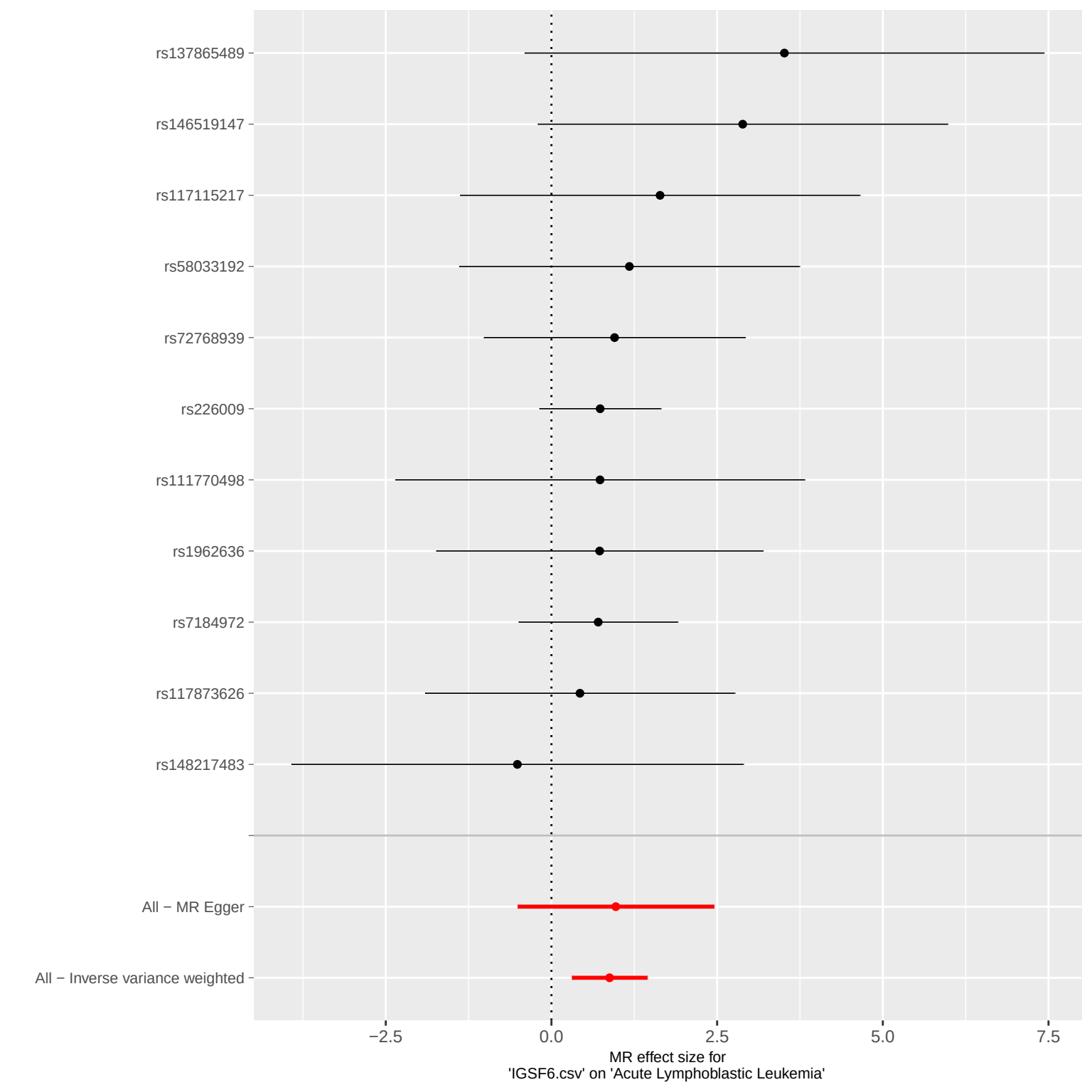
MR effect size for
'IGLV3−12.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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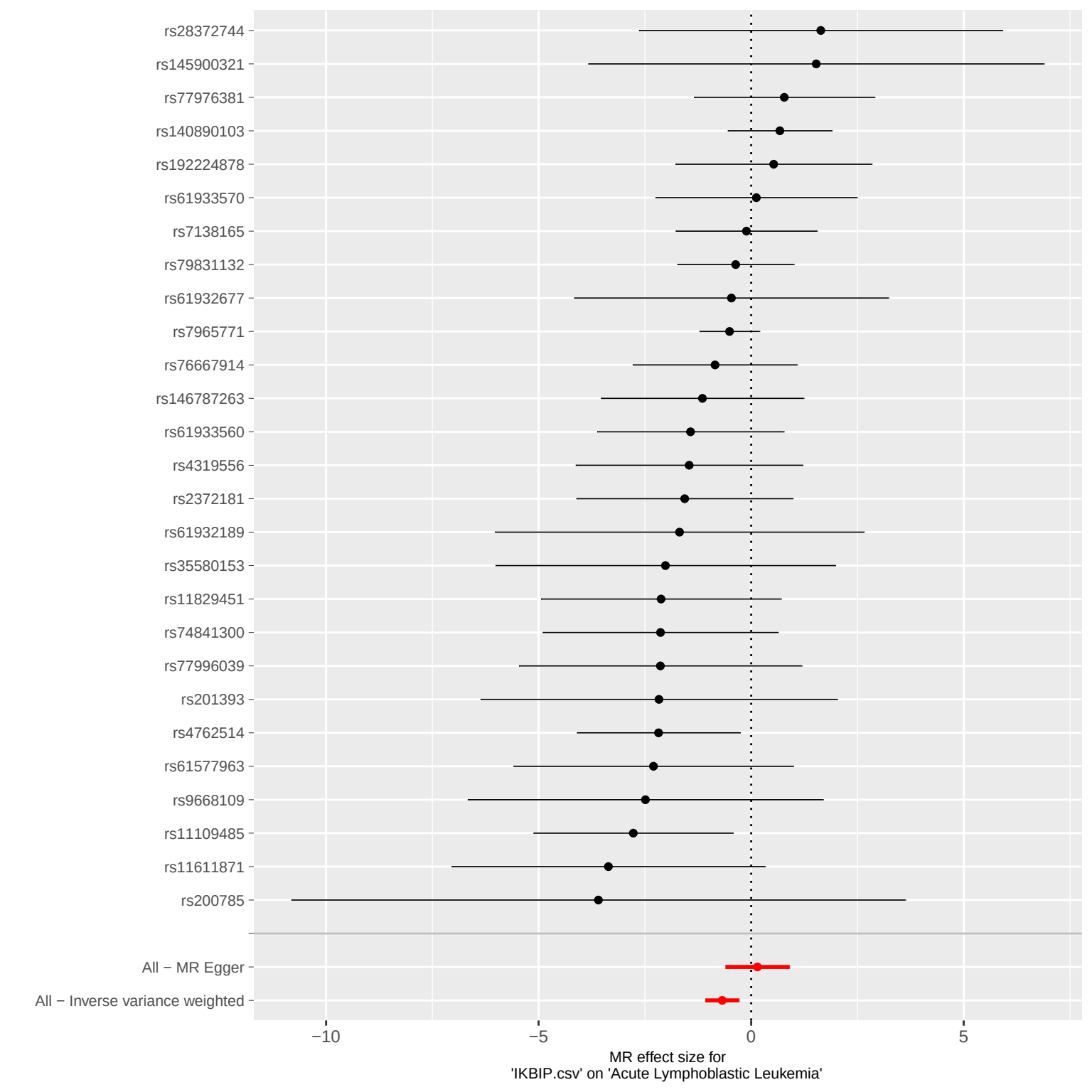
0.0
2.5
5.0
7.5
MR effect size for
'IGSF6.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
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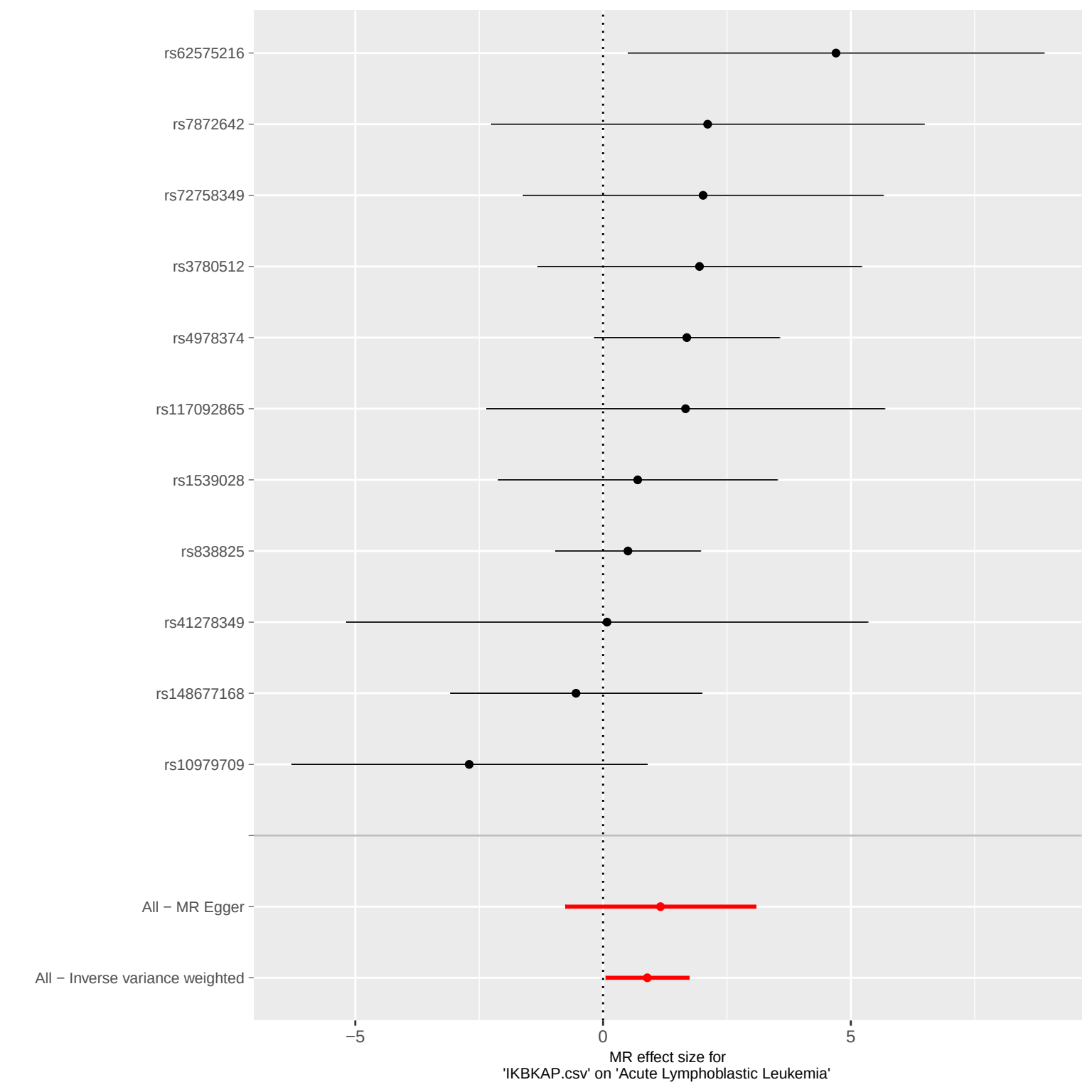
5
MR effect size for
'IKBIP.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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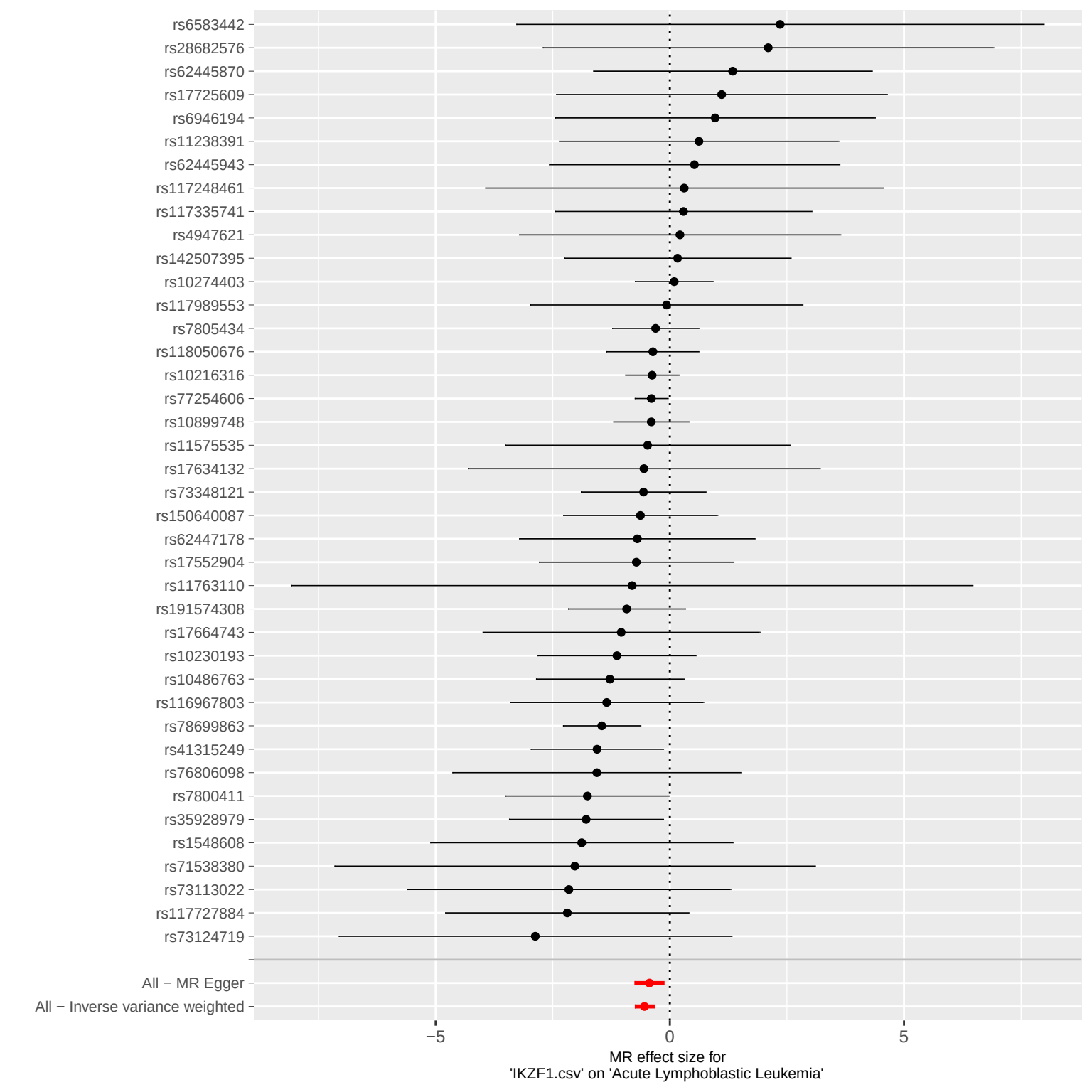
MR effect size for
'IKBKAP.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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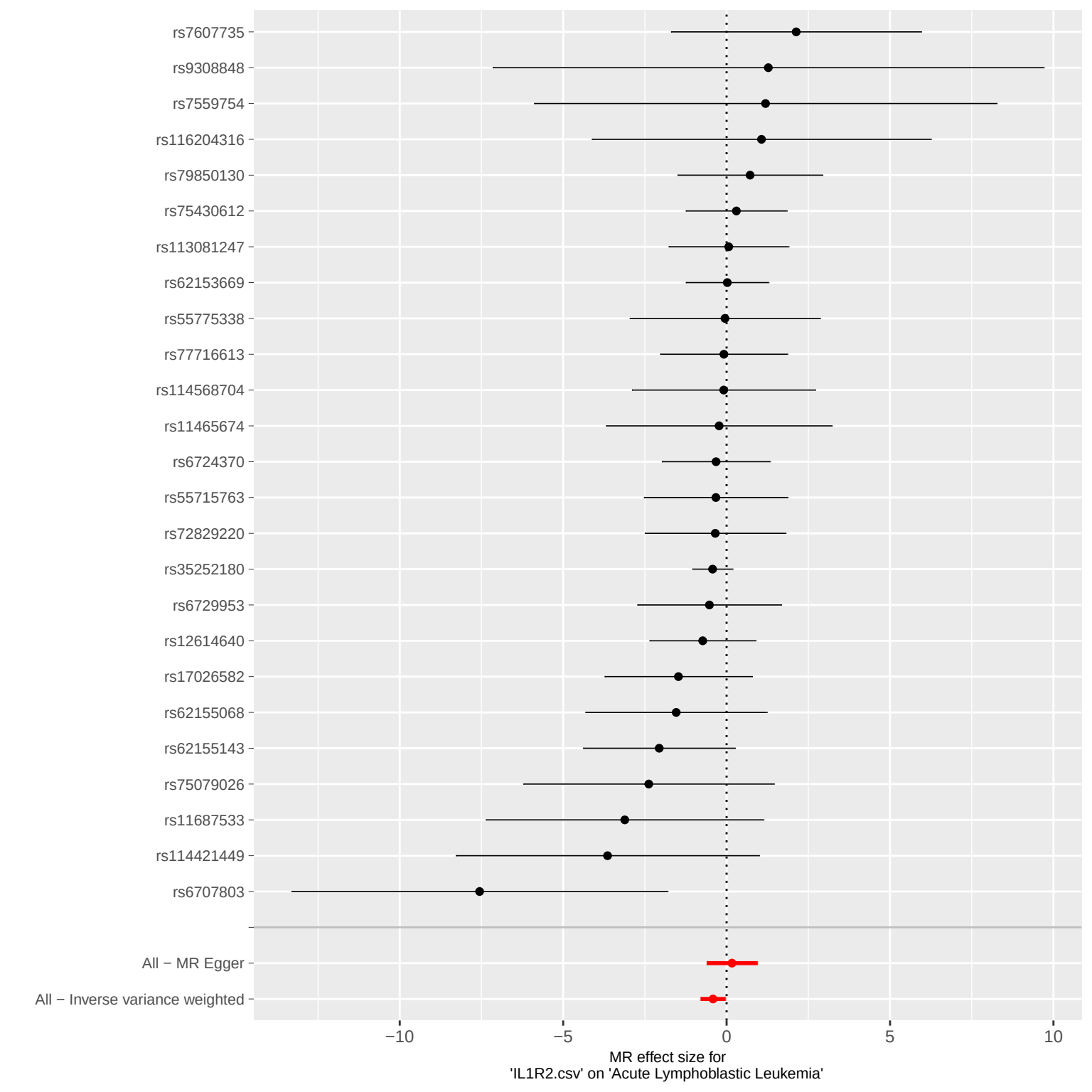
MR effect size for
'IKZF1.csv' on 'Acute Lymphoblastic Leukemia'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rs114421449
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All − MR Egger
All − Inverse variance weighted
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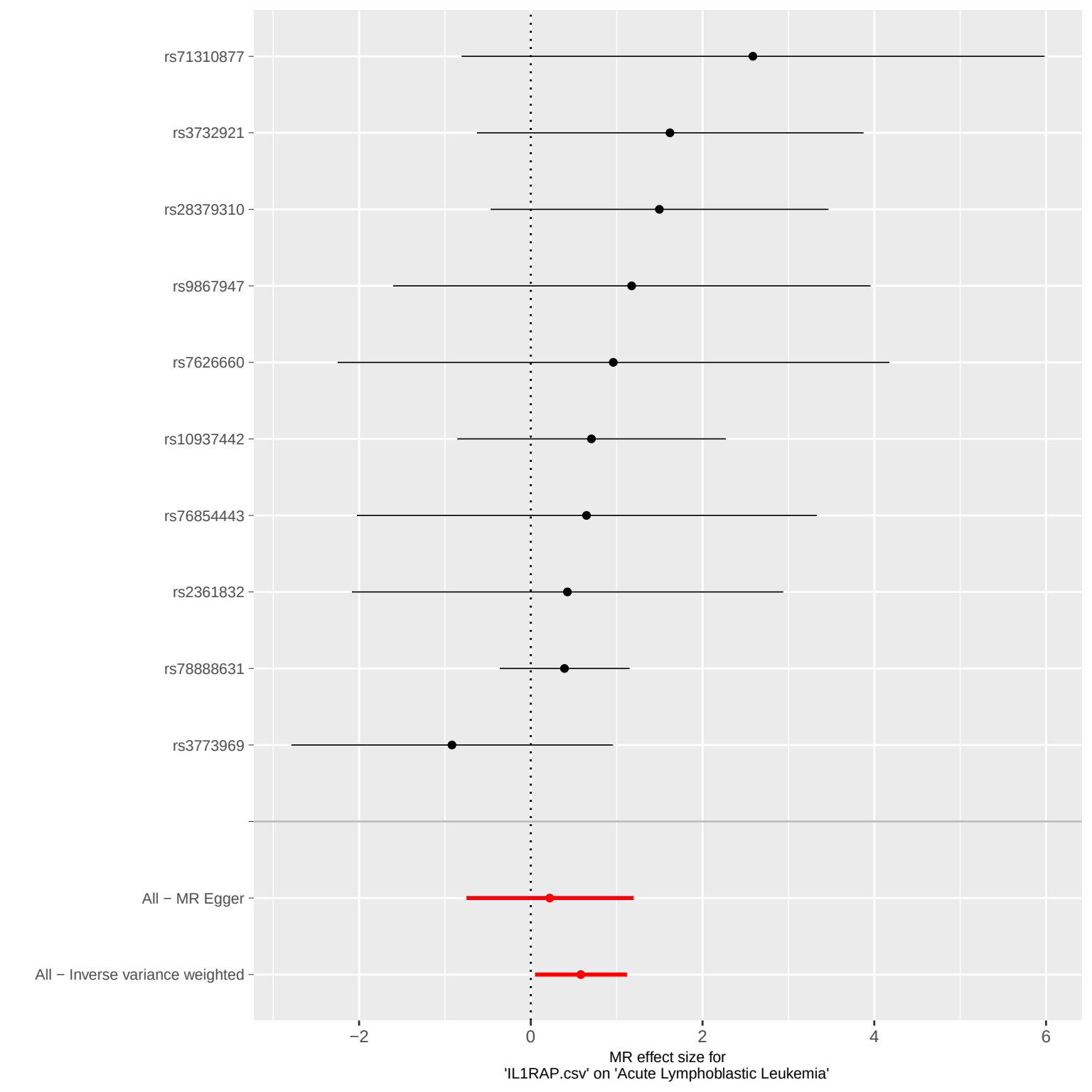
−5
0
5
10
MR effect size for
'IL1R2.csv' on 'Acute Lymphoblastic Leukemia'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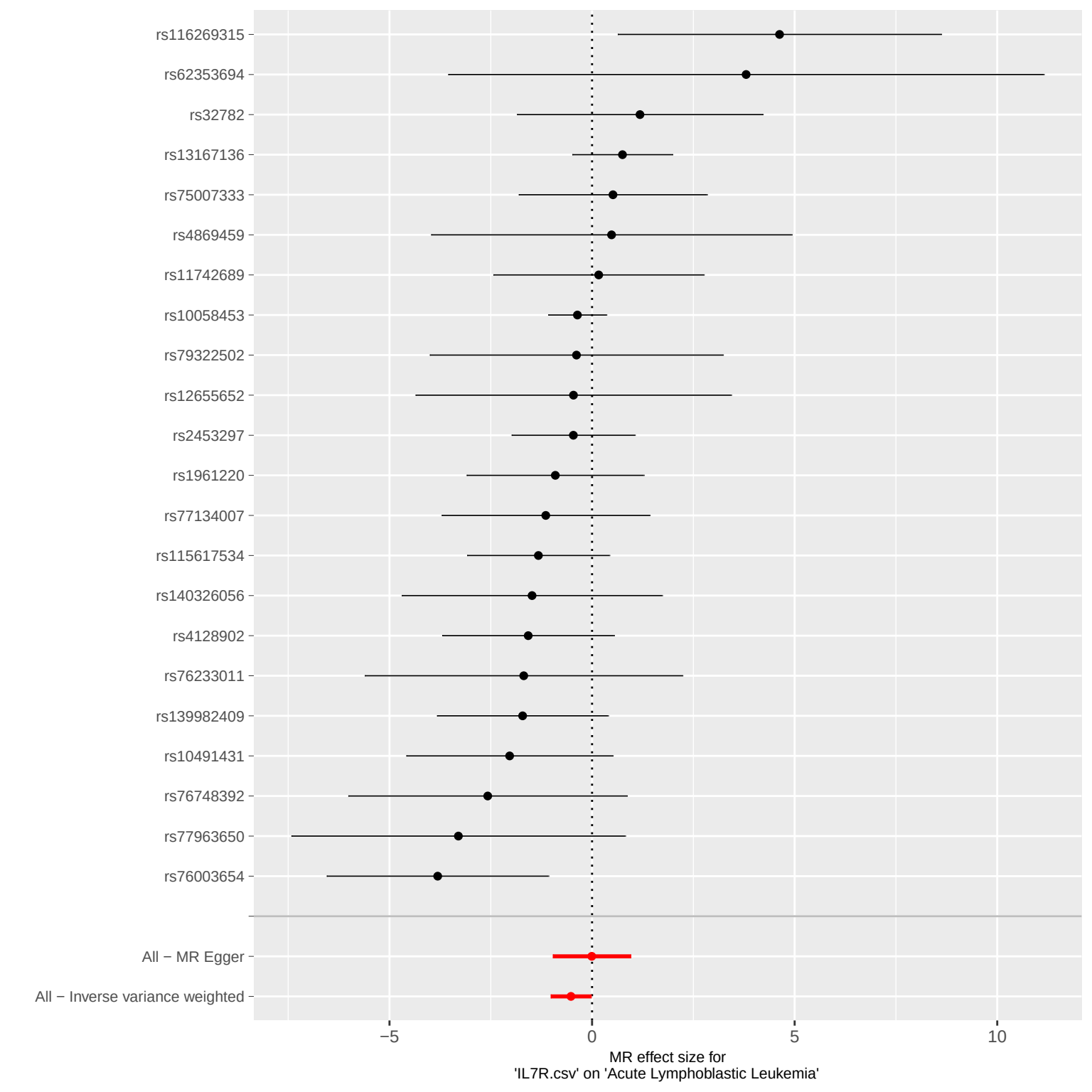
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'IL1RAP.csv' on 'Acute Lymphoblastic Leukemia'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rs1961220
rs77134007
rs115617534
rs140326056
rs4128902
rs76233011
rs139982409
rs10491431
rs76748392
rs77963650
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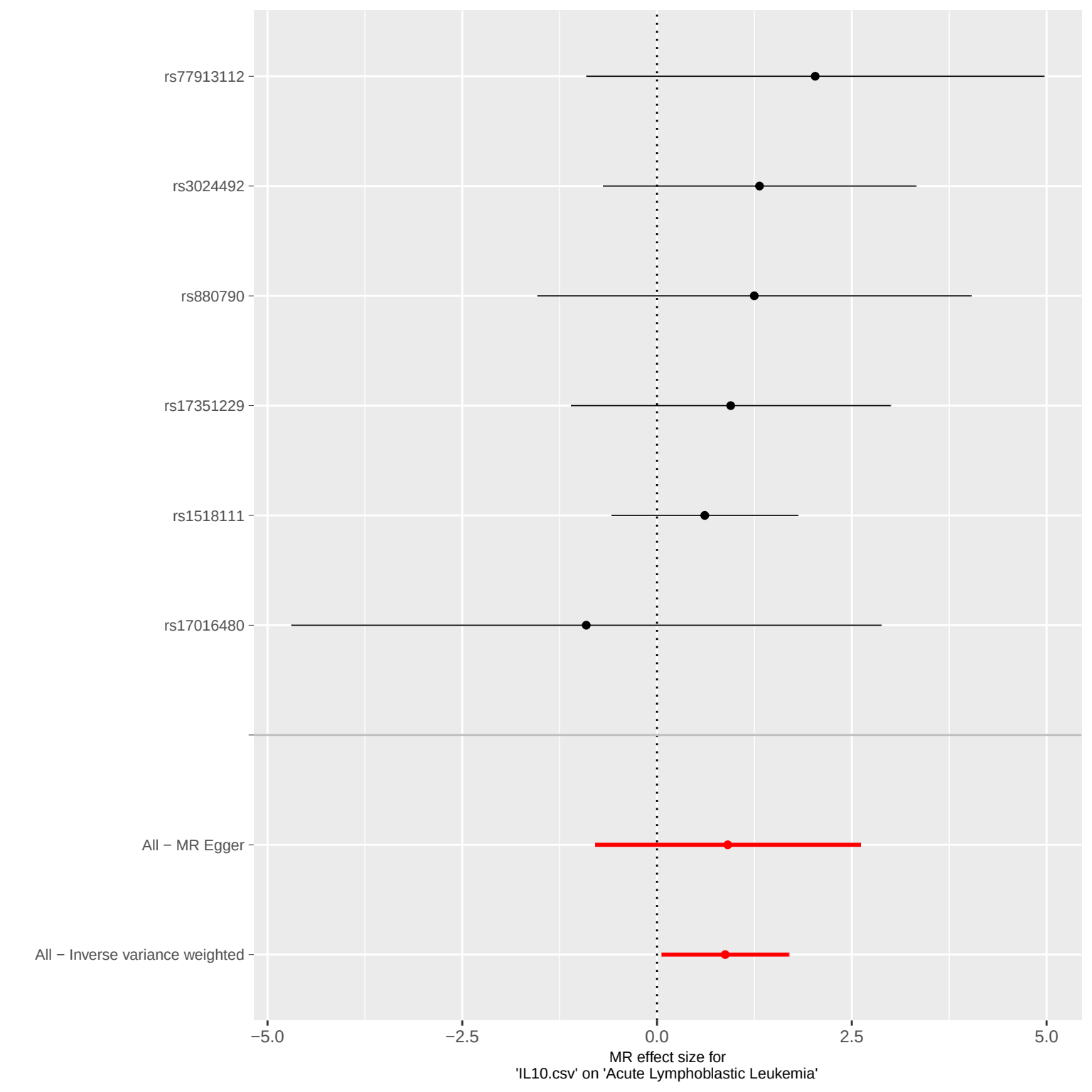
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'IL7R.csv' on 'Acute Lymphoblastic Leukemia'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rs1518111
rs17016480
All − MR Egger
All − Inverse variance weighted
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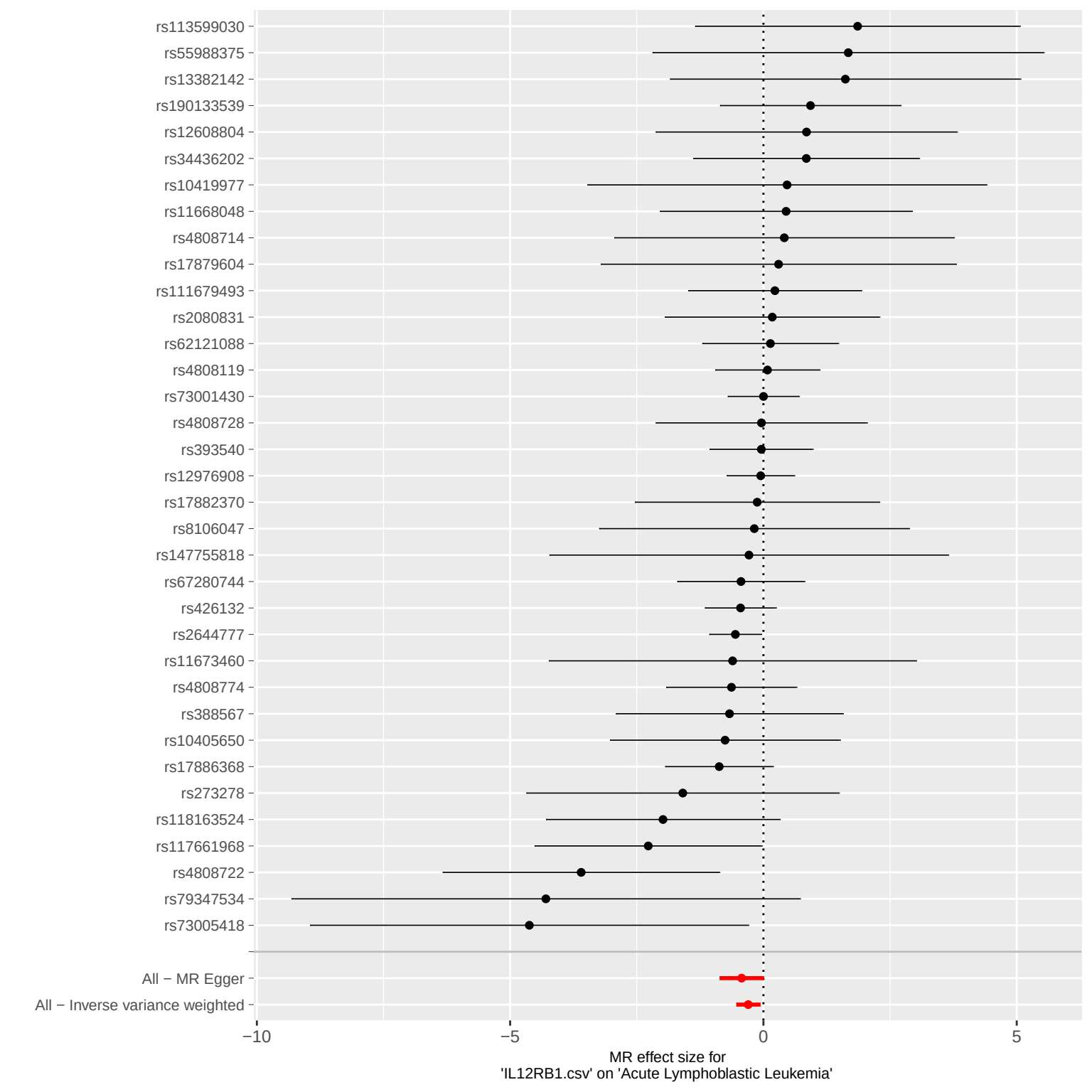
−2.5
0.0
2.5
5.0
MR effect size for
'IL10.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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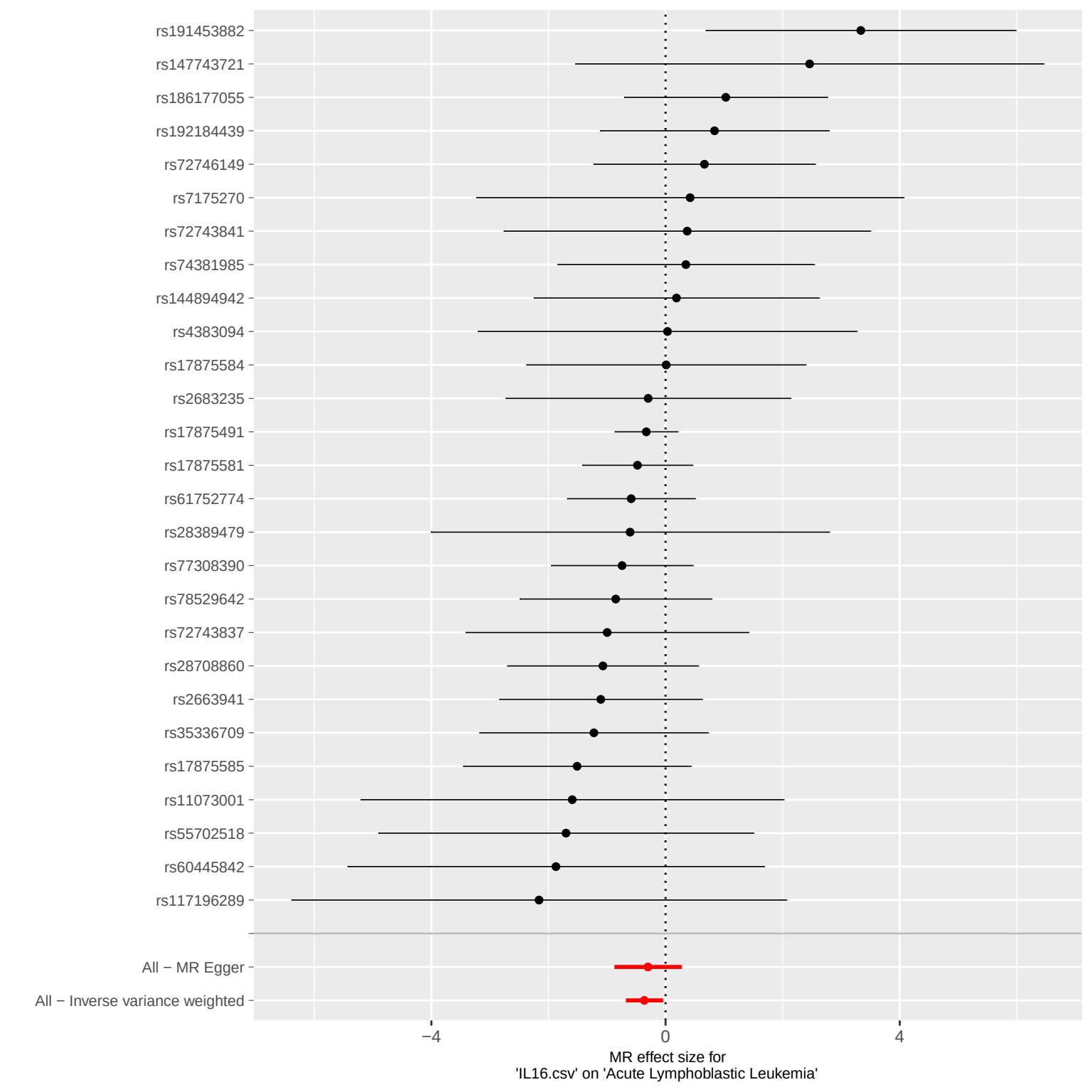
−5
0
5
MR effect size for
'IL12RB1.csv' on 'Acute Lymphoblastic Leukemia'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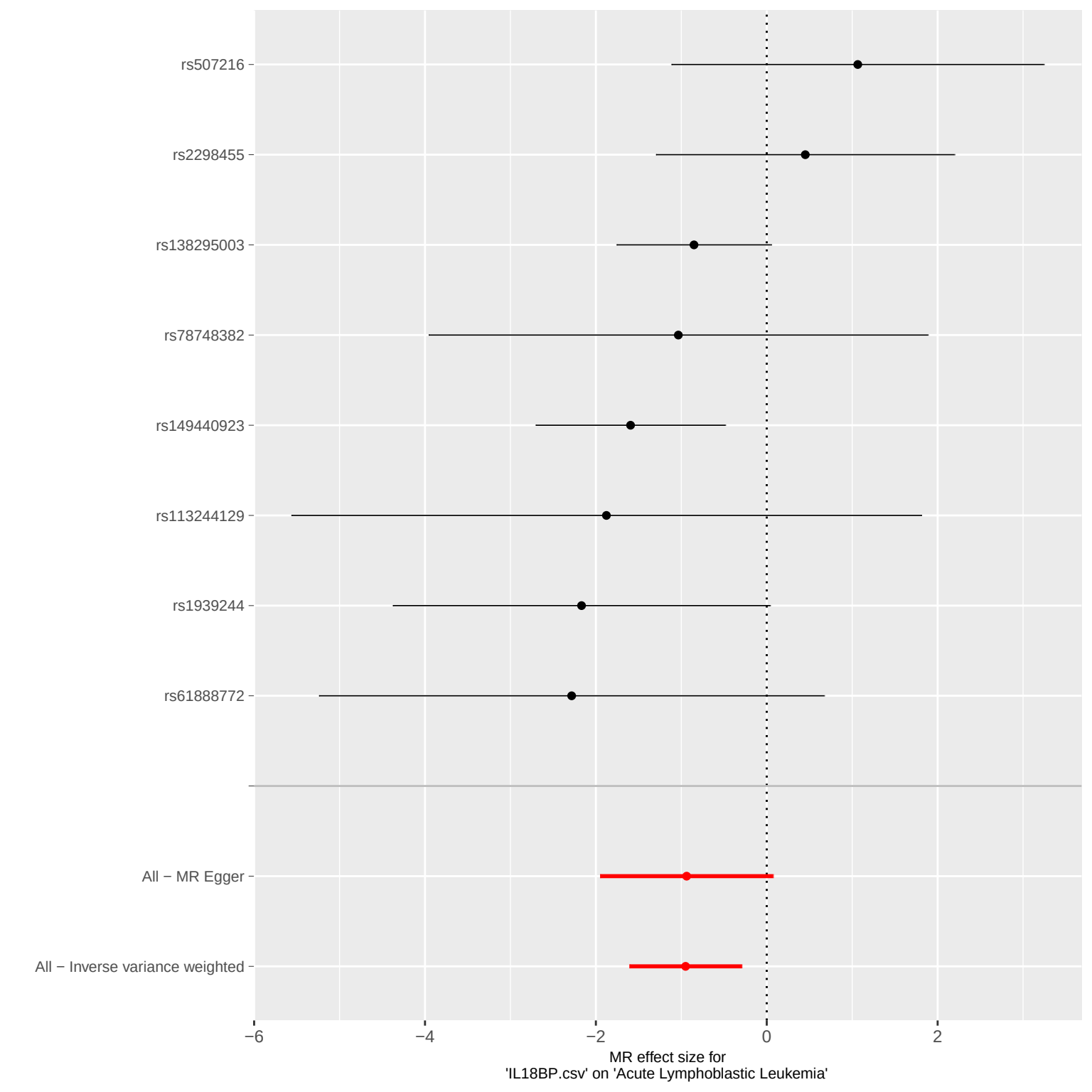
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'IL16.csv' on 'Acute Lymphoblastic Leukemia'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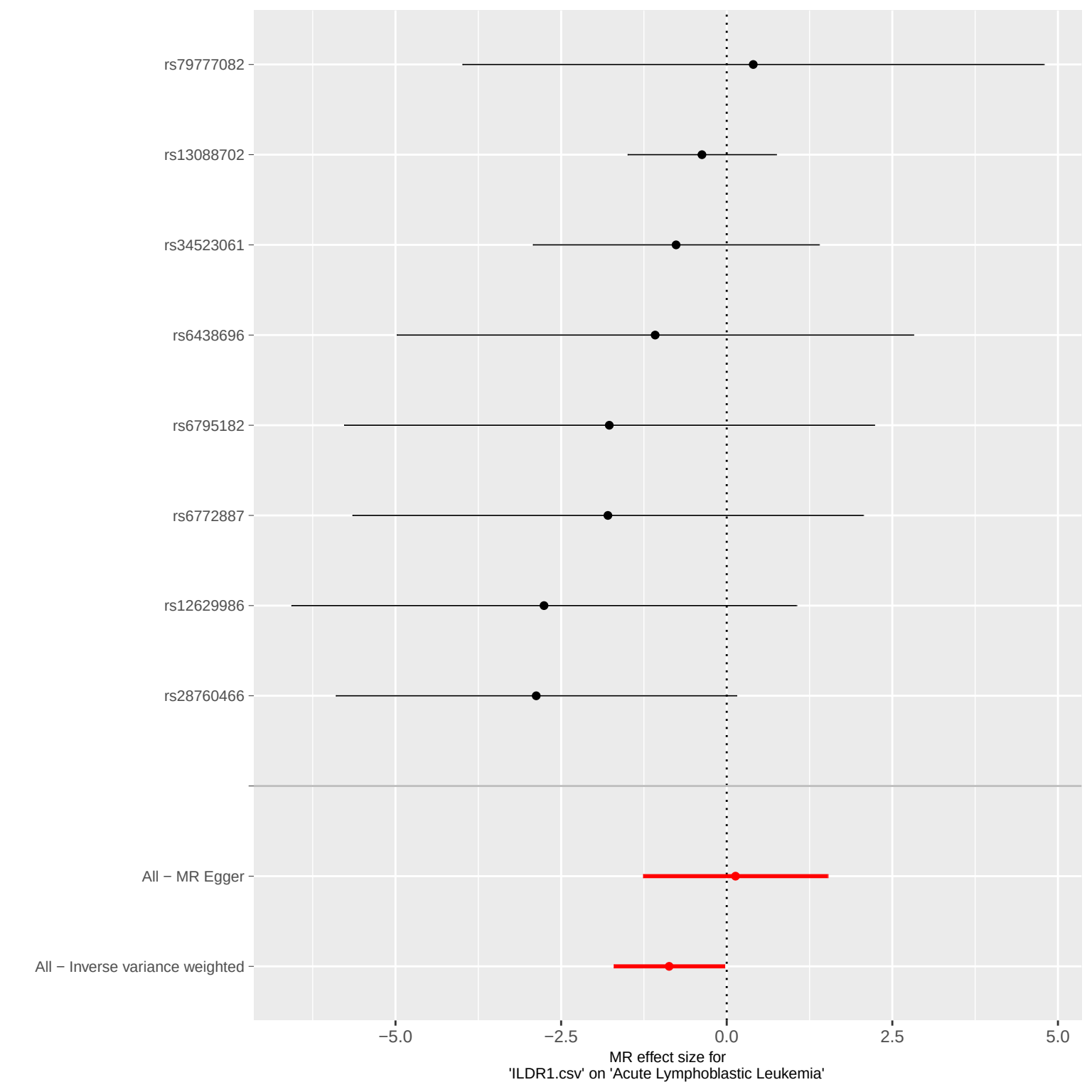
rs2298455
rs138295003
rs78748382
rs149440923
rs113244129
rs1939244
rs61888772
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'IL18BP.csv' on 'Acute Lymphoblastic Leukemia'


rs79777082
rs13088702
rs34523061
rs6438696
rs6795182
rs6772887
rs12629986
rs28760466
All − MR Egger
All − Inverse variance weighted
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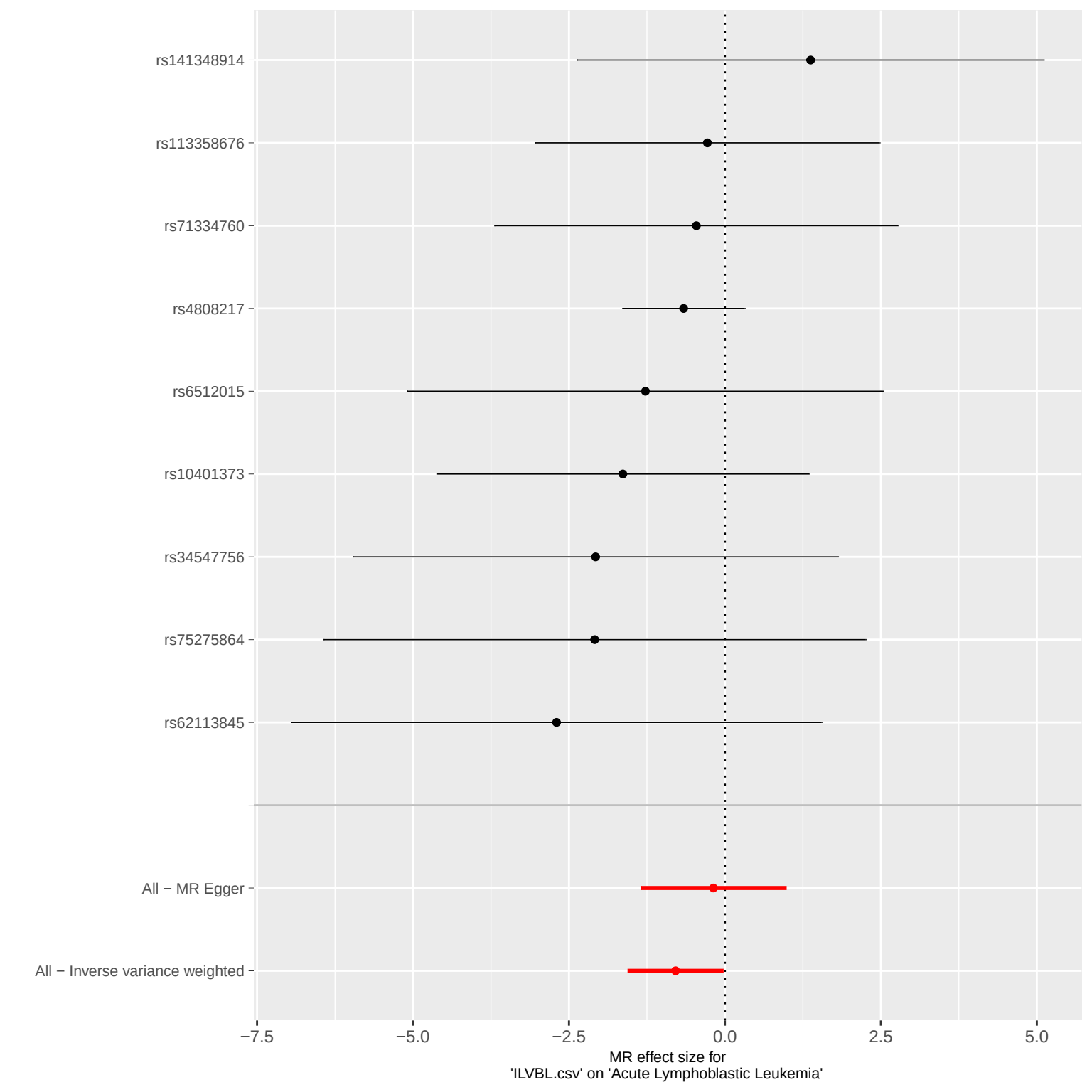
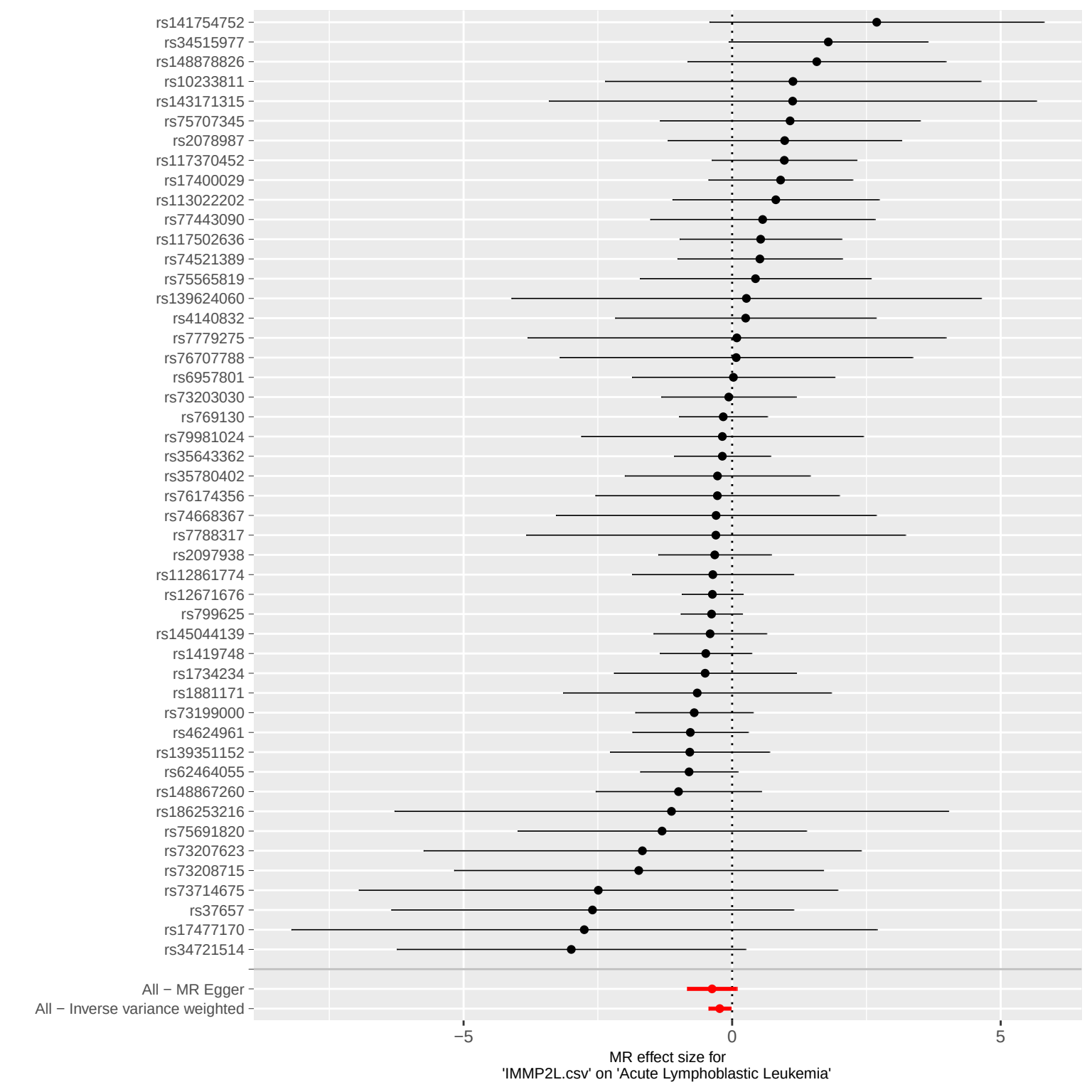
−2.5
0.0
2.5
5.0
MR effect size for
'ILDR1.csv' on 'Acute Lymphoblastic Leukemia'


rs141348914
rs113358676
rs71334760
rs4808217
rs6512015
rs10401373
rs34547756
rs75275864
rs62113845
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ILVBL.csv' on 'Acute Lymphoblastic Leukemia'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rs77443090
rs117502636
rs74521389
rs75565819
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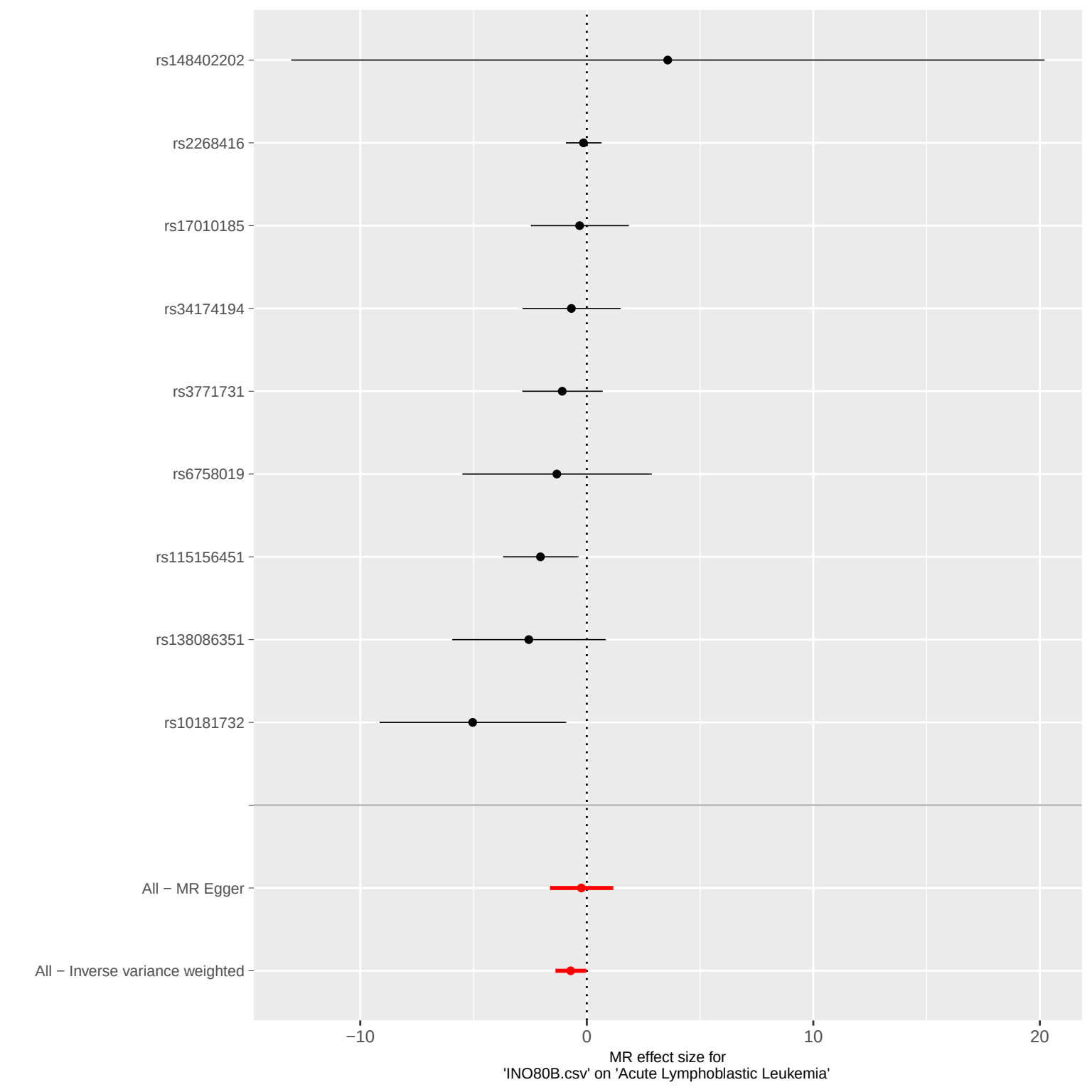
rs4624961
rs139351152
rs62464055
rs148867260
rs186253216
rs75691820
rs73207623
rs73208715
rs73714675
rs37657
rs17477170
rs34721514
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'IMMP2L.csv' on 'Acute Lymphoblastic Leukemia'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rs2268416
rs17010185
rs34174194
rs3771731
rs6758019
rs115156451
rs138086351
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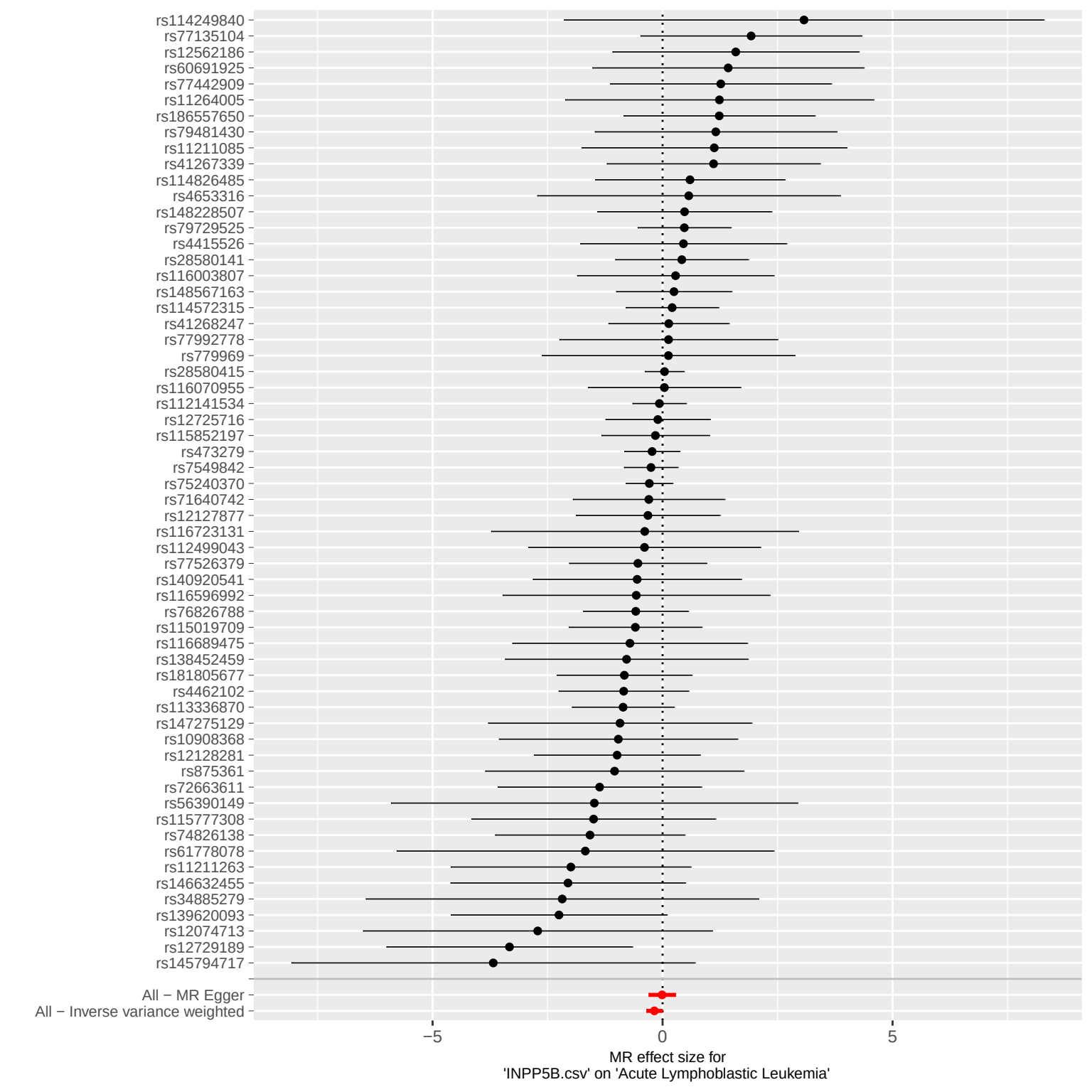
All − MR Egger
All − Inverse variance weighted
−10
0
10
20
MR effect size for
'INO80B.csv' on 'Acute Lymphoblastic Leukemia'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rs11211263
rs146632455
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rs139620093
rs12074713
rs12729189
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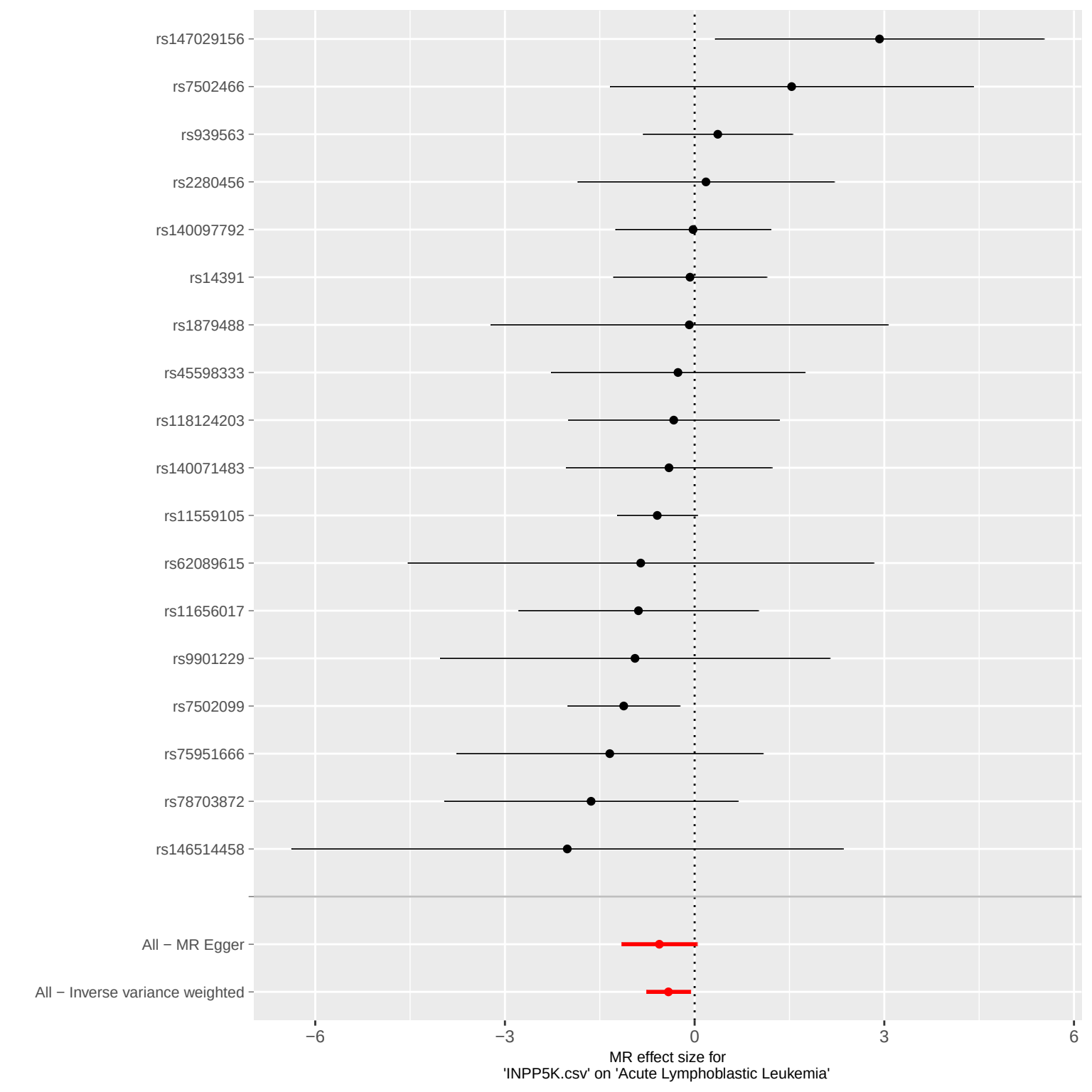
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'INPP5B.csv' on 'Acute Lymphoblastic Leukemia'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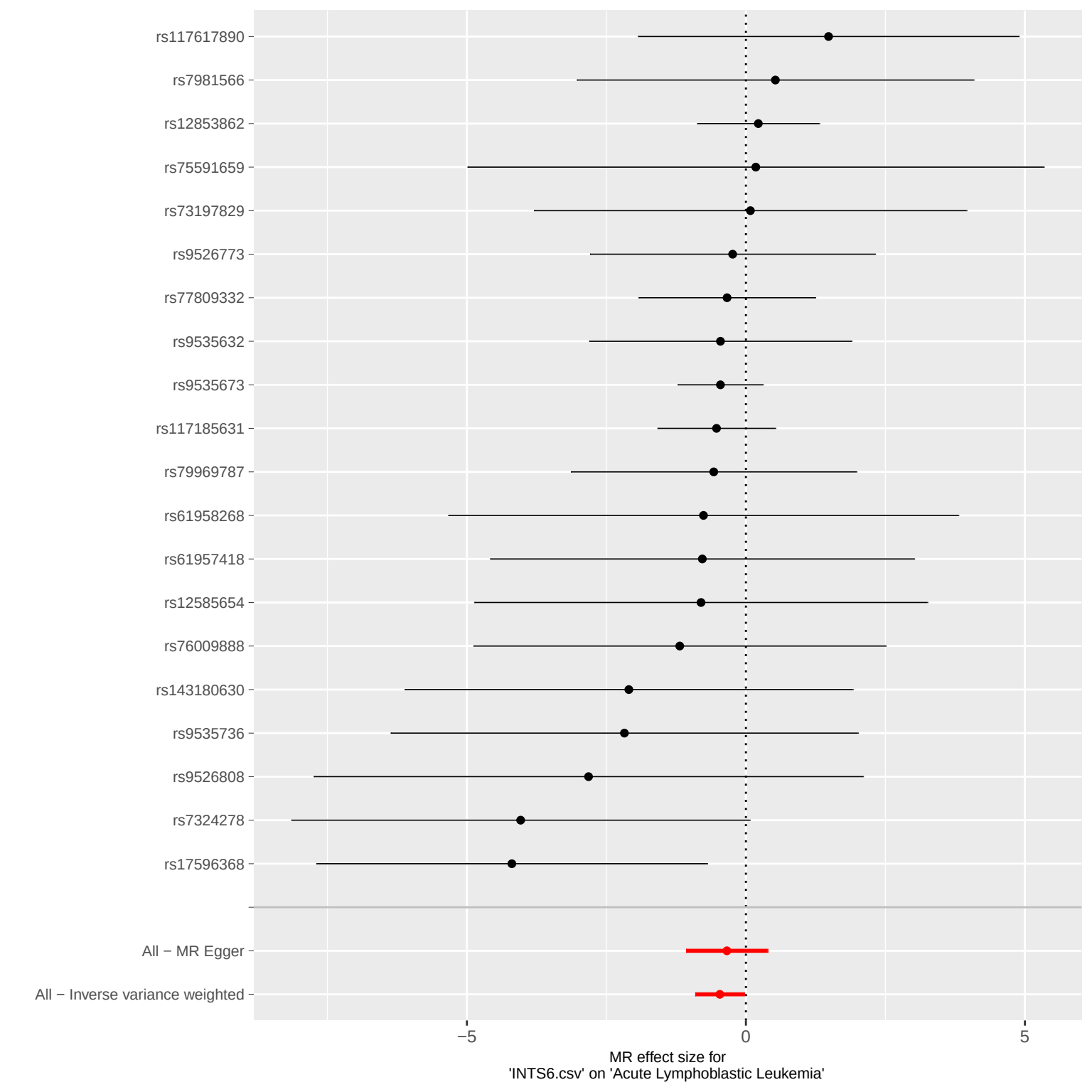
rs62089615
rs11656017
rs9901229
rs7502099
rs75951666
rs78703872
rs146514458
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'INPP5K.csv' on 'Acute Lymphoblastic Leukemia'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rs61958268
rs61957418
rs12585654
rs76009888
rs143180630
rs9535736
rs9526808
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All − MR Egger
All − Inverse variance weighted
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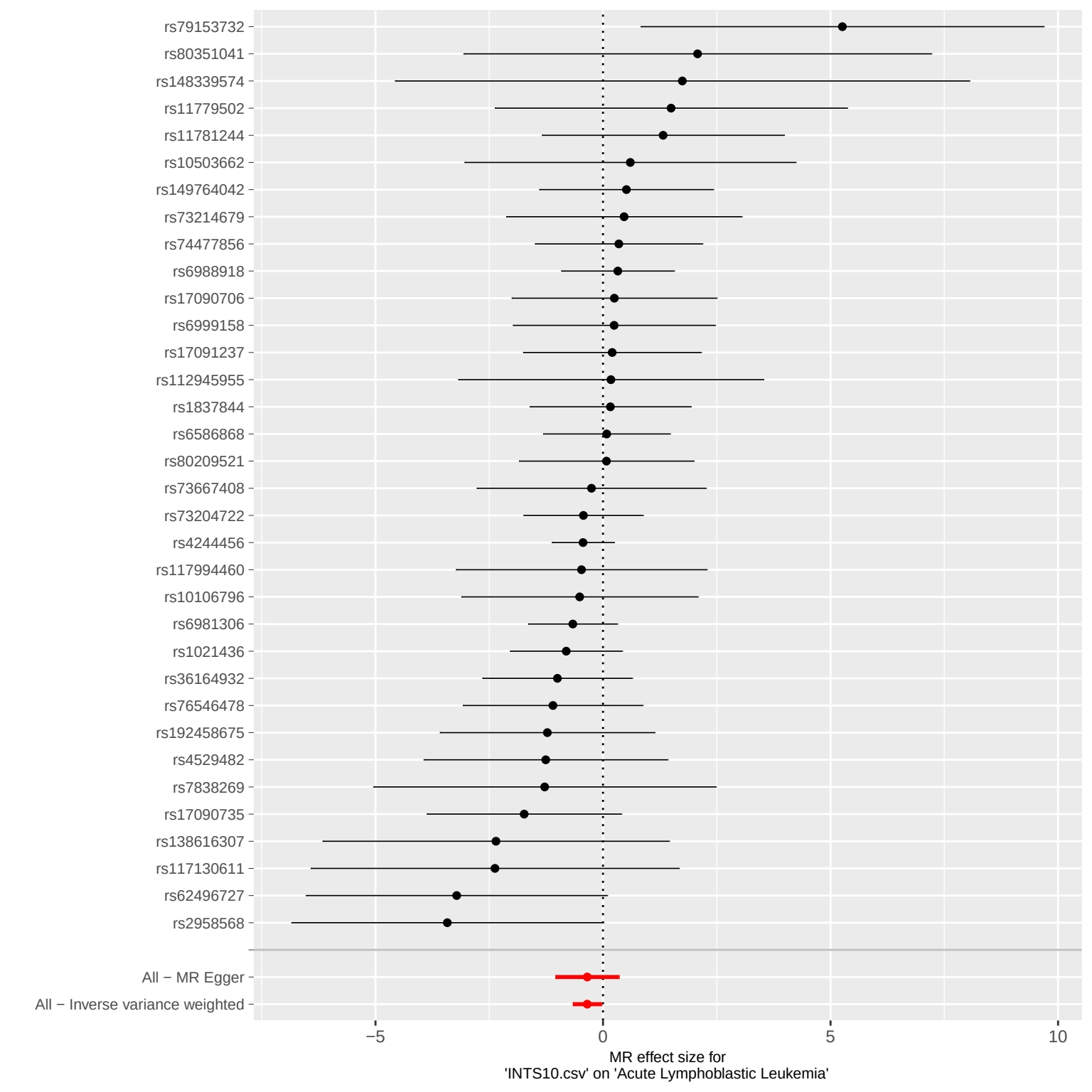
0
5
MR effect size for
'INTS6.csv' on 'Acute Lymphoblastic Leukemia'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rs1837844
rs6586868
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rs73667408
rs73204722
rs4244456
rs117994460
rs10106796
rs6981306
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rs76546478
rs192458675
rs4529482
rs7838269
rs17090735
rs138616307
rs117130611
rs62496727
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All − MR Egger
All − Inverse variance weighted
−5
0
5
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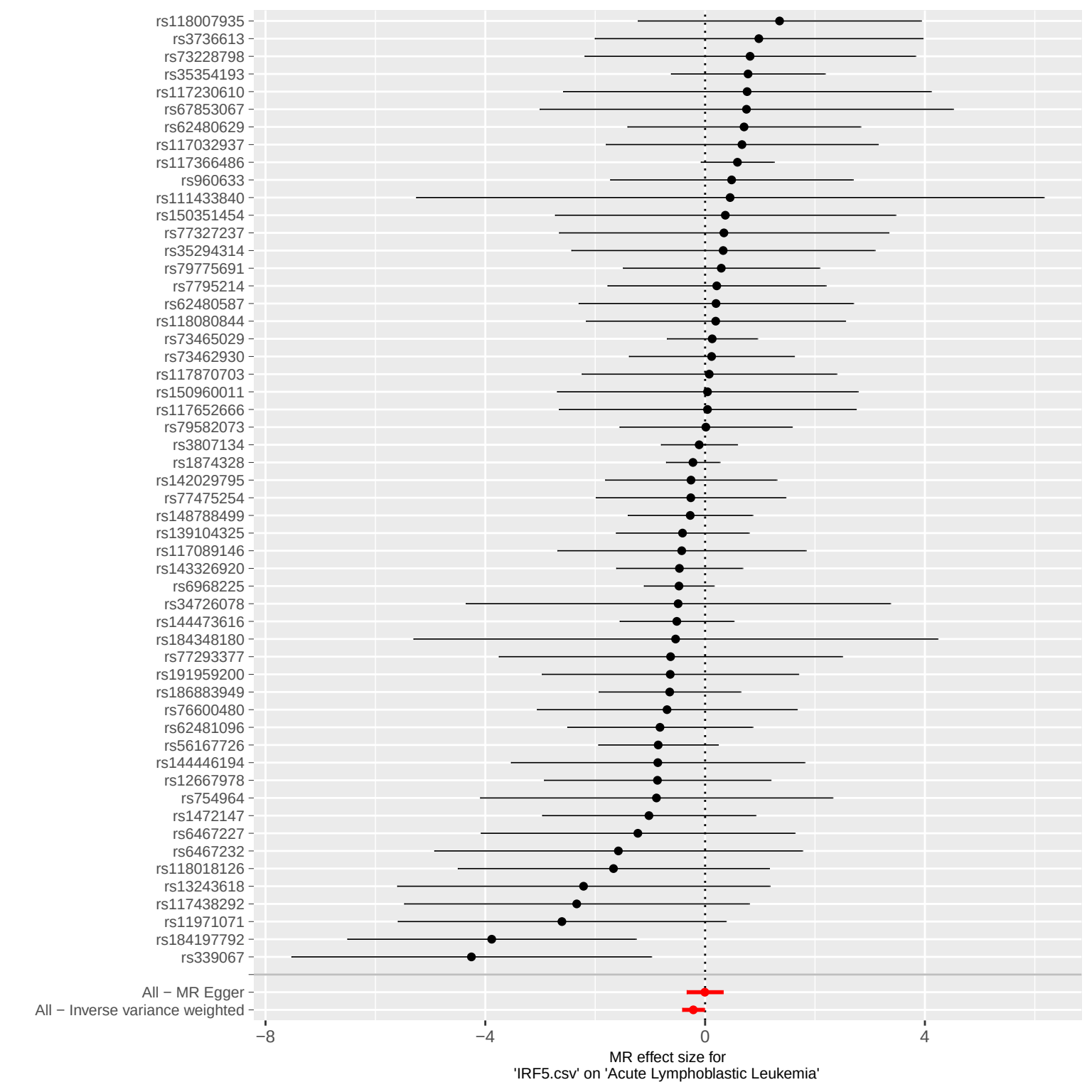
MR effect size for
'INTS10.csv' on 'Acute Lymphoblastic Leukemia'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rs186883949
rs76600480
rs62481096
rs56167726
rs144446194
rs12667978
rs754964
rs1472147
rs6467227
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rs13243618
rs117438292
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rs184197792
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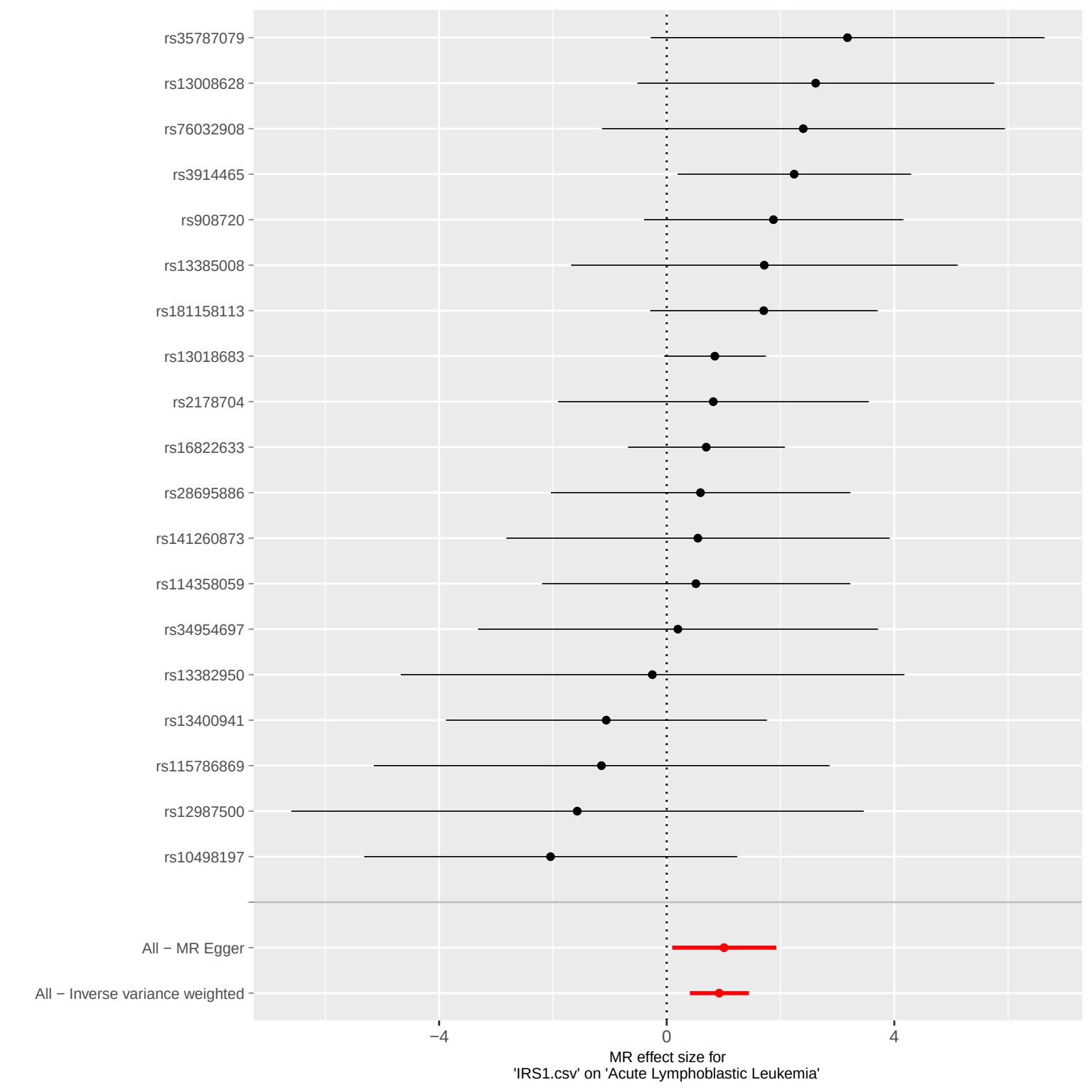
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'IRF5.csv' on 'Acute Lymphoblastic Leukemia'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rs141260873
rs114358059
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rs13382950
rs13400941
rs115786869
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All − MR Egger
All − Inverse variance weighted
−4
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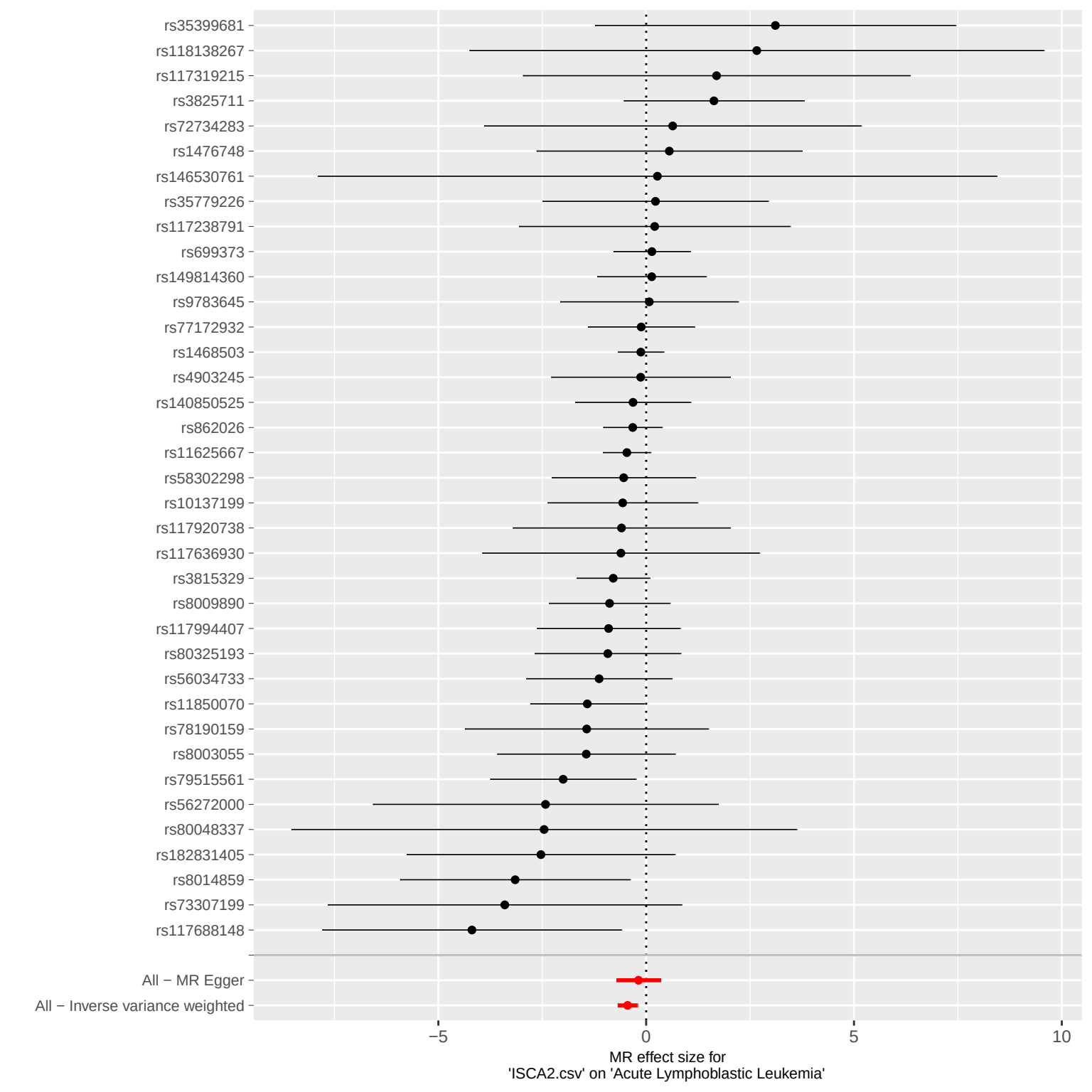
MR effect size for
'IRS1.csv' on 'Acute Lymphoblastic Leukemia'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rs56272000
rs80048337
rs182831405
rs8014859
rs73307199
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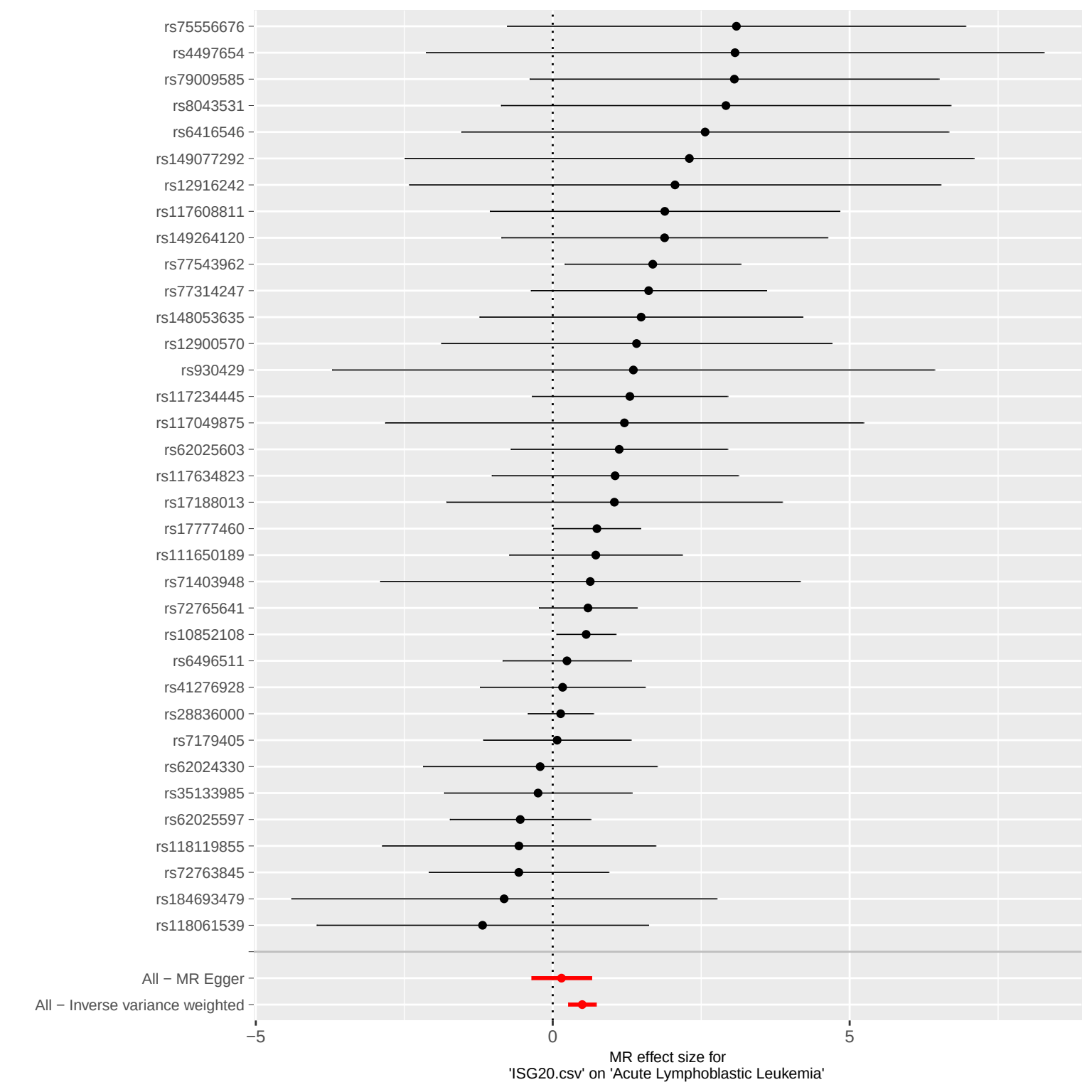
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ISCA2.csv' on 'Acute Lymphoblastic Leukemia'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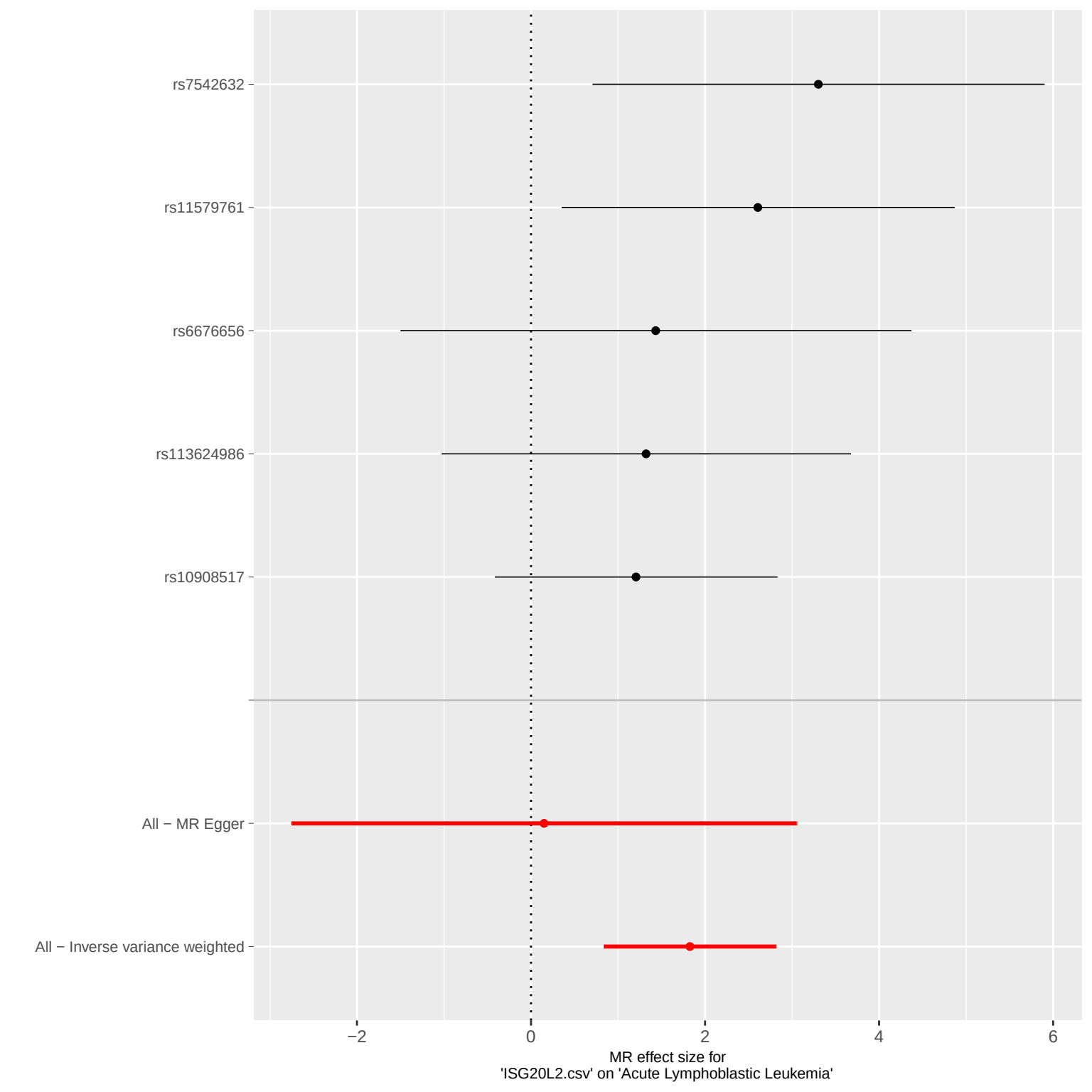
rs62025597
rs118119855
rs72763845
rs184693479
rs118061539
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ISG20.csv' on 'Acute Lymphoblastic Leukemia'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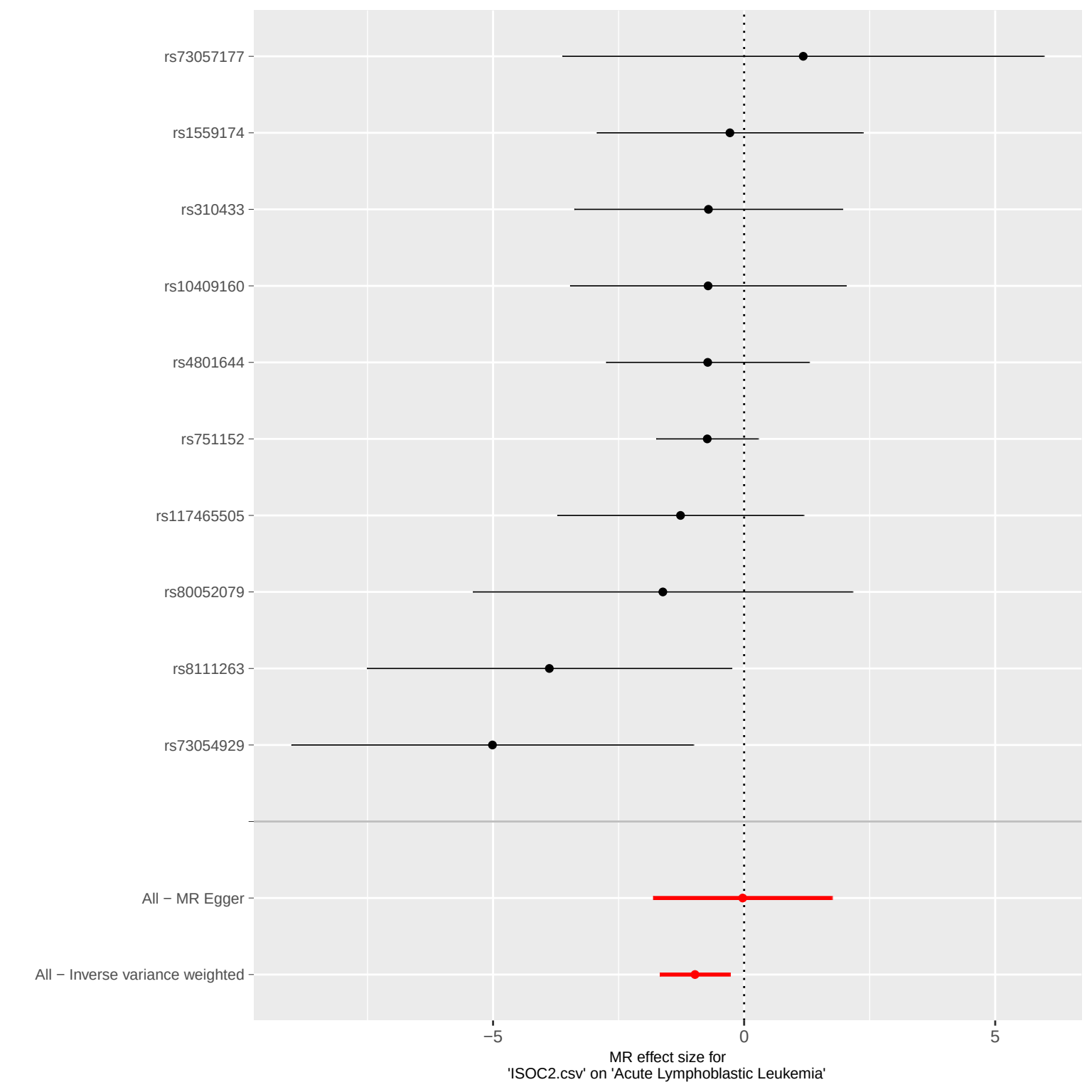
rs11579761
rs6676656
rs113624986
rs10908517
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'ISG20L2.csv' on 'Acute Lymphoblastic Leukemia'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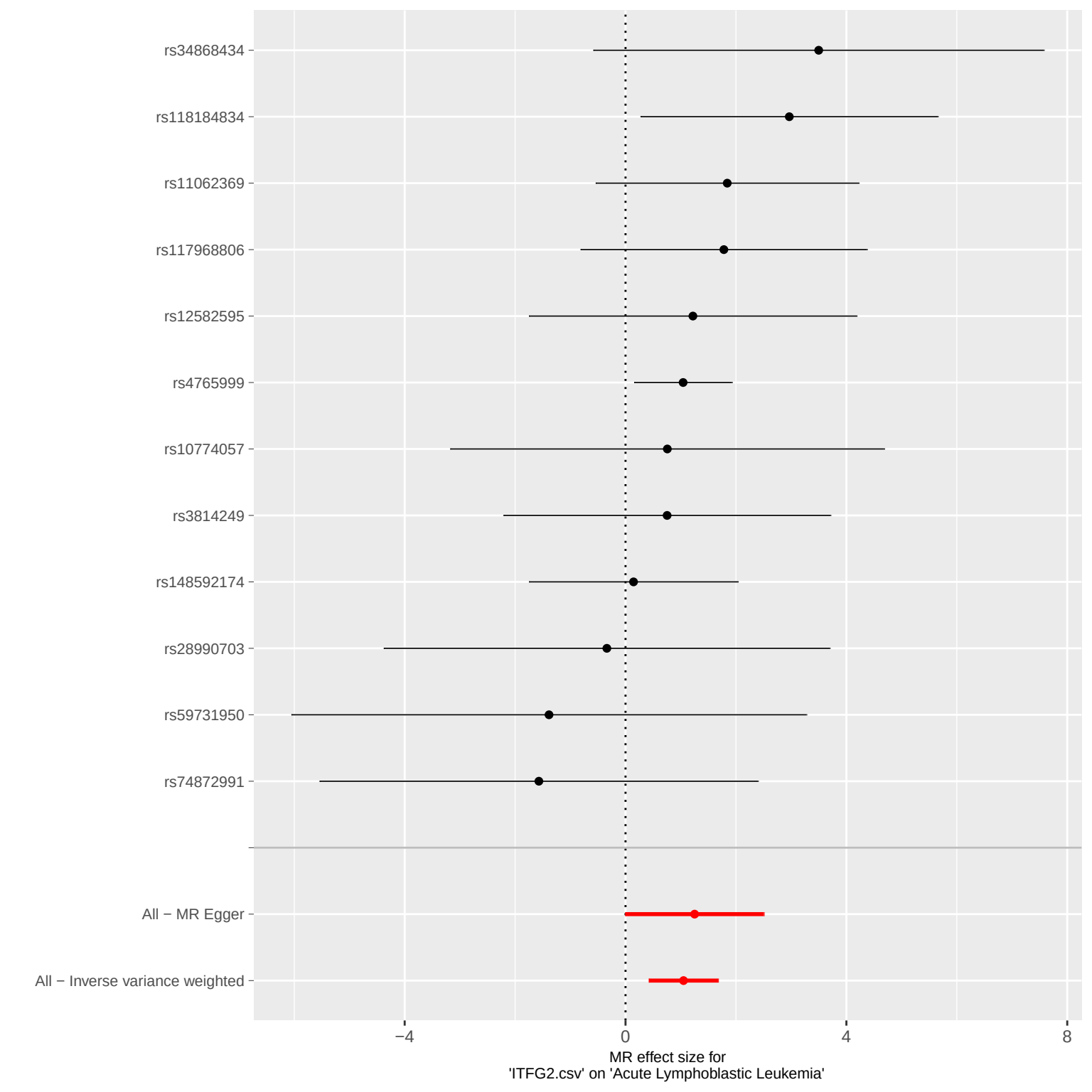
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ISOC2.csv' on 'Acute Lymphoblastic Leukemia'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rs12582595
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rs10774057
rs3814249
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rs28990703
rs59731950
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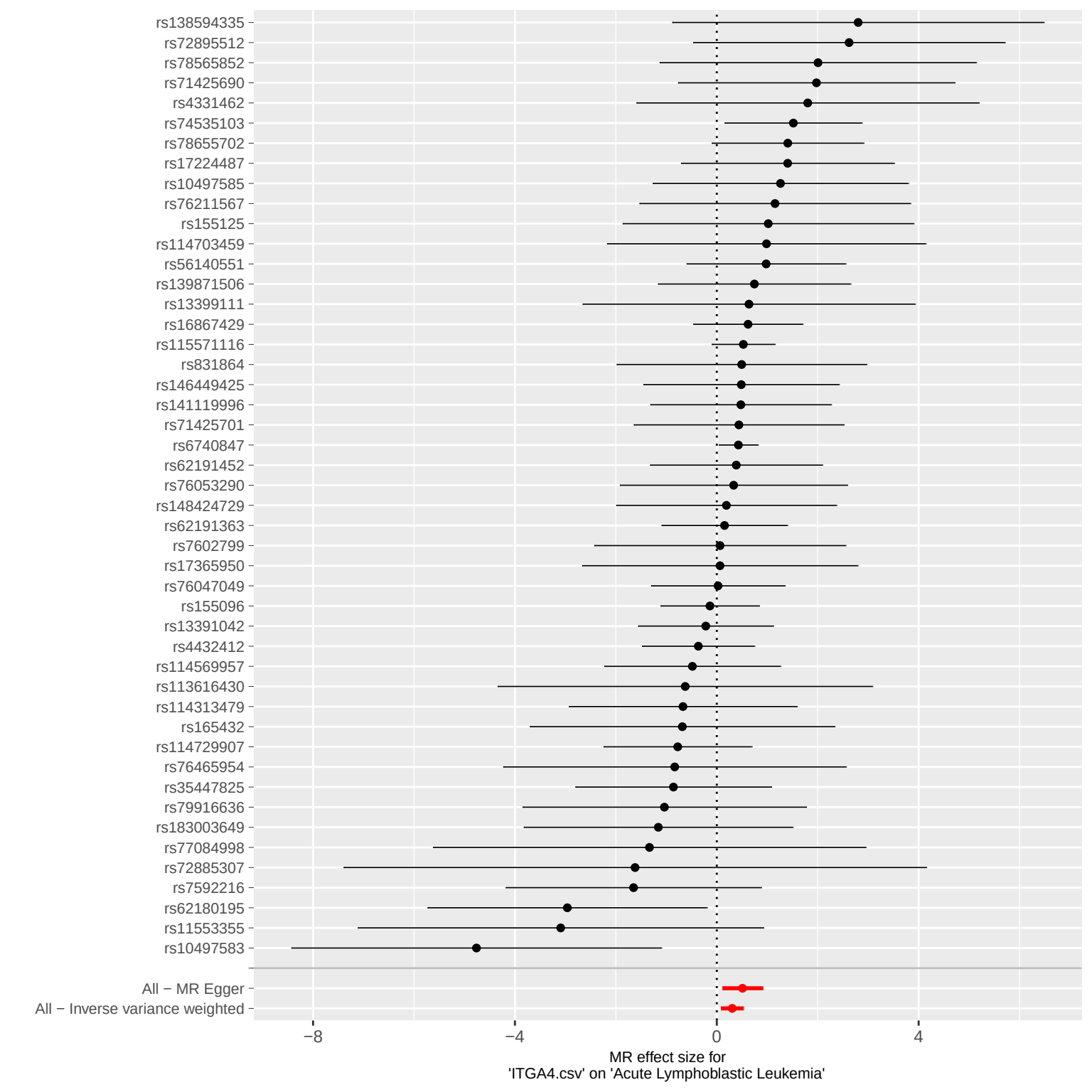
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ITFG2.csv' on 'Acute Lymphoblastic Leukemia'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rs183003649
rs77084998
rs72885307
rs7592216
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rs11553355
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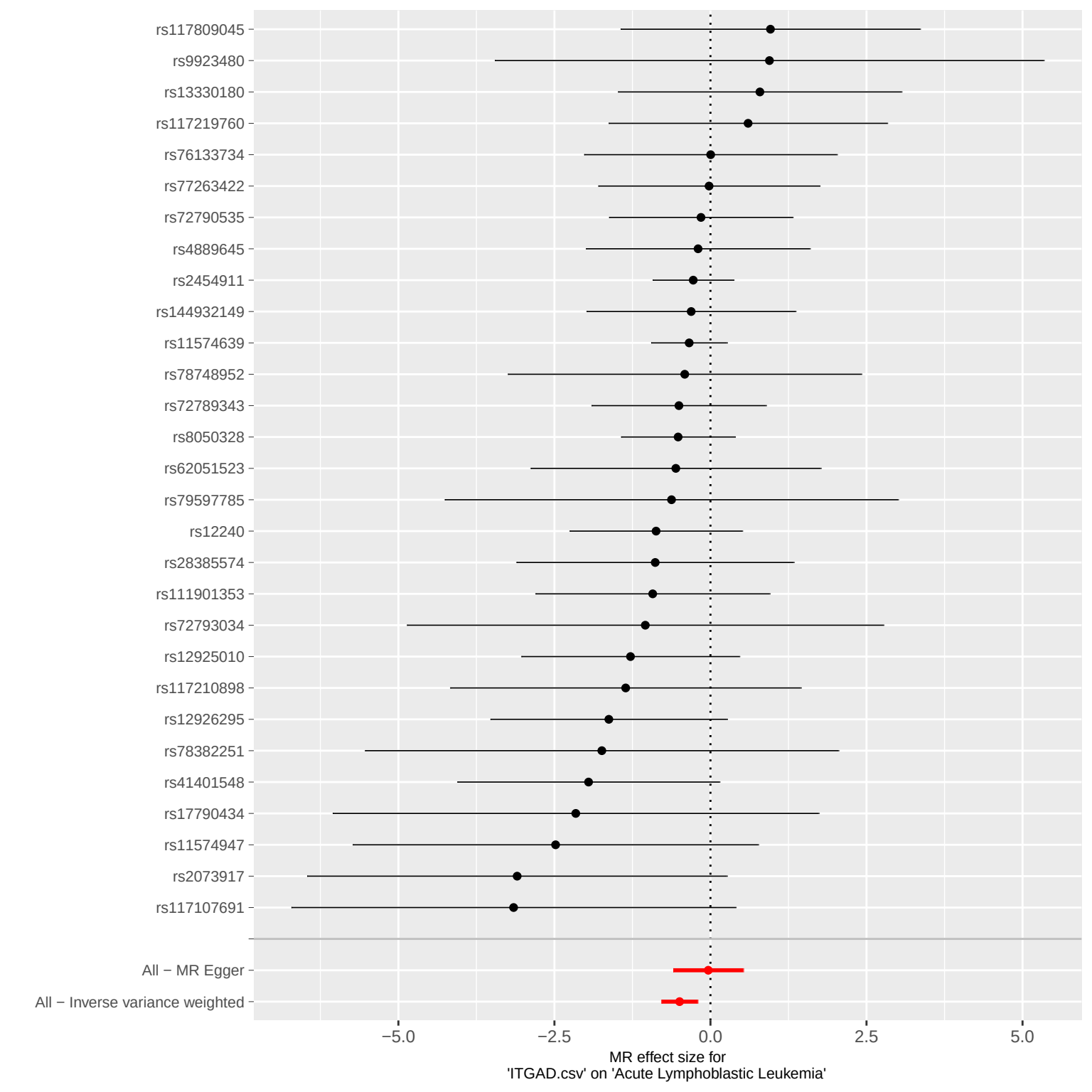
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ITGA4.csv' on 'Acute Lymphoblastic Leukemia'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rs72793034
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rs78382251
rs41401548
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rs2073917
rs117107691
All − MR Egger
All − Inverse variance weighted
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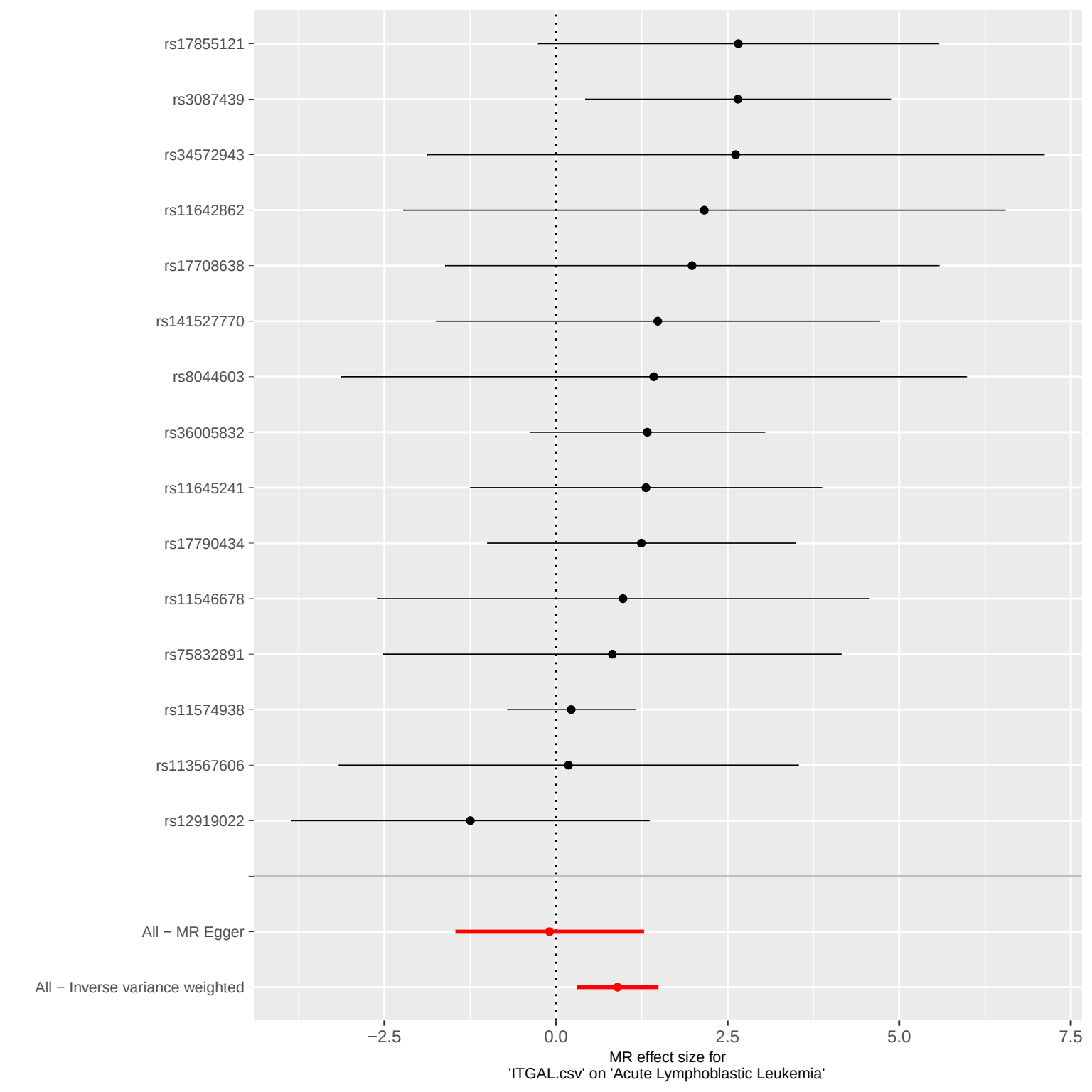
−2.5
0.0
2.5
5.0
MR effect size for
'ITGAD.csv' on 'Acute Lymphoblastic Leukemia'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rs75832891
rs11574938
rs113567606
rs12919022
All − MR Egger
All − Inverse variance weighted
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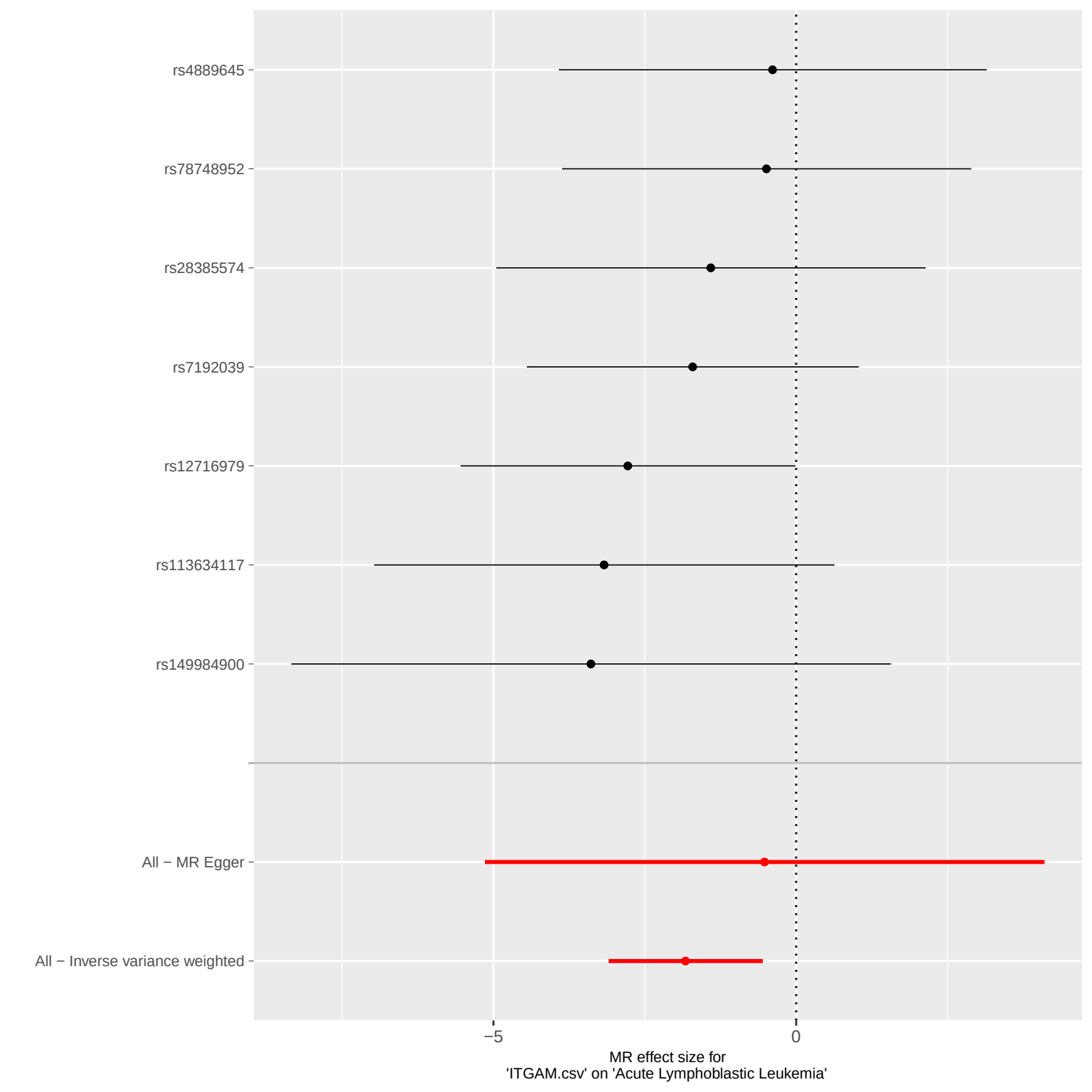
0.0
2.5
5.0
7.5
MR effect size for
'ITGAL.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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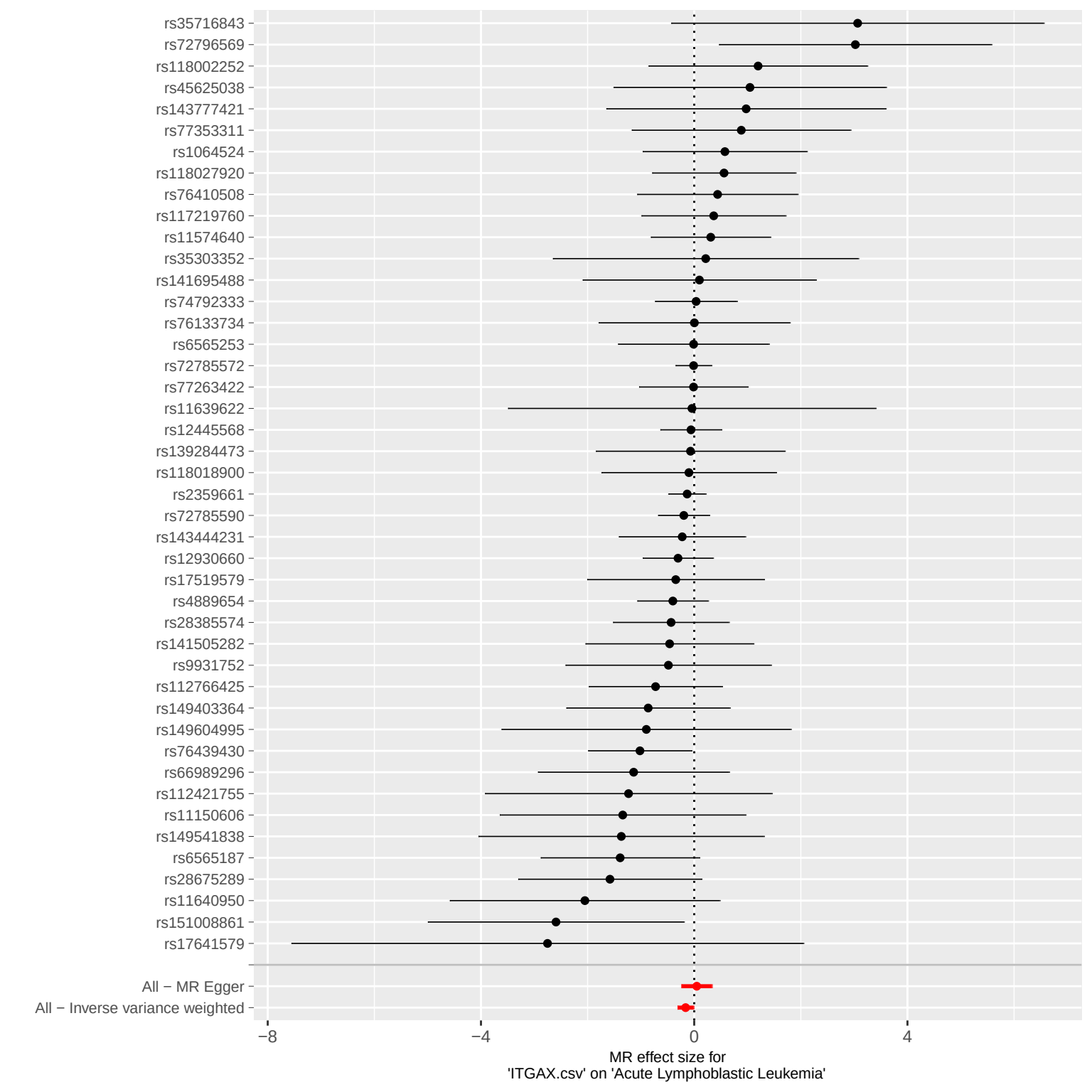
MR effect size for
'ITGAM.csv' on 'Acute Lymphoblastic Leukemia'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rs149541838
rs6565187
rs28675289
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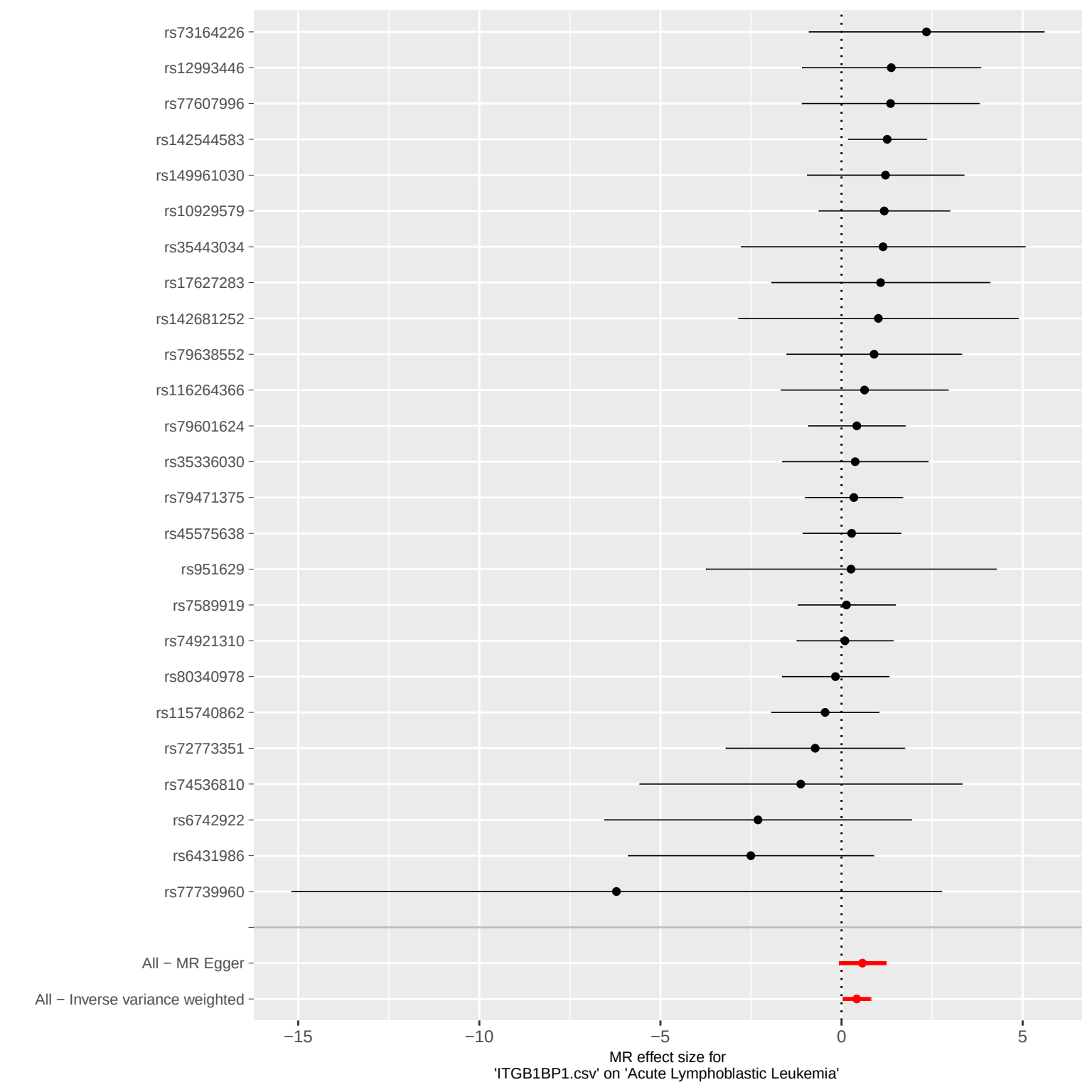
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ITGAX.csv' on 'Acute Lymphoblastic Leukemia'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rs951629
rs7589919
rs74921310
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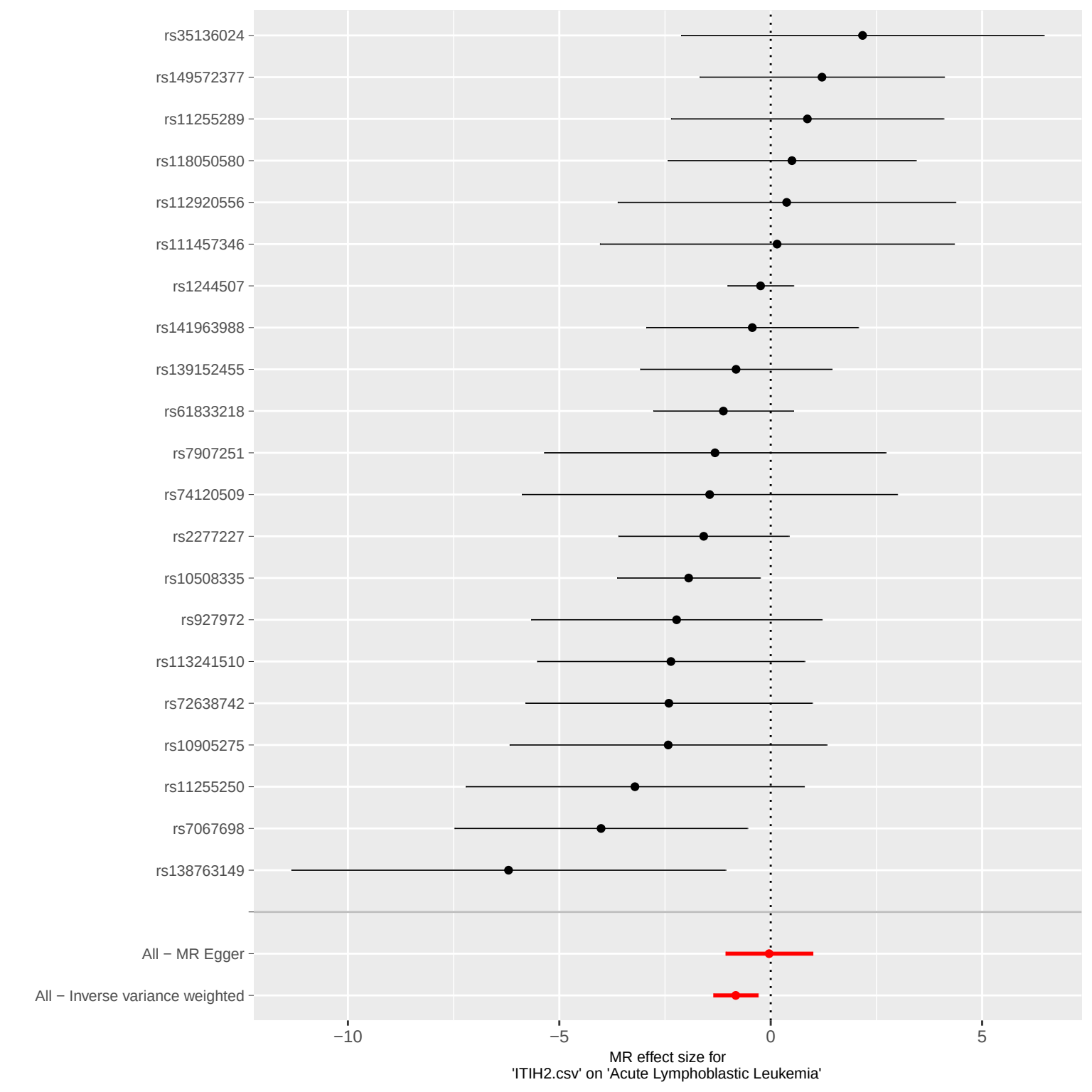
rs115740862
rs72773351
rs74536810
rs6742922
rs6431986
rs77739960
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
MR effect size for
'ITGB1BP1.csv' on 'Acute Lymphoblastic Leukemia'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rs7907251
rs74120509
rs2277227
rs10508335
rs927972
rs113241510
rs72638742
rs10905275
rs11255250
rs7067698
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All − MR Egger
All − Inverse variance weighted
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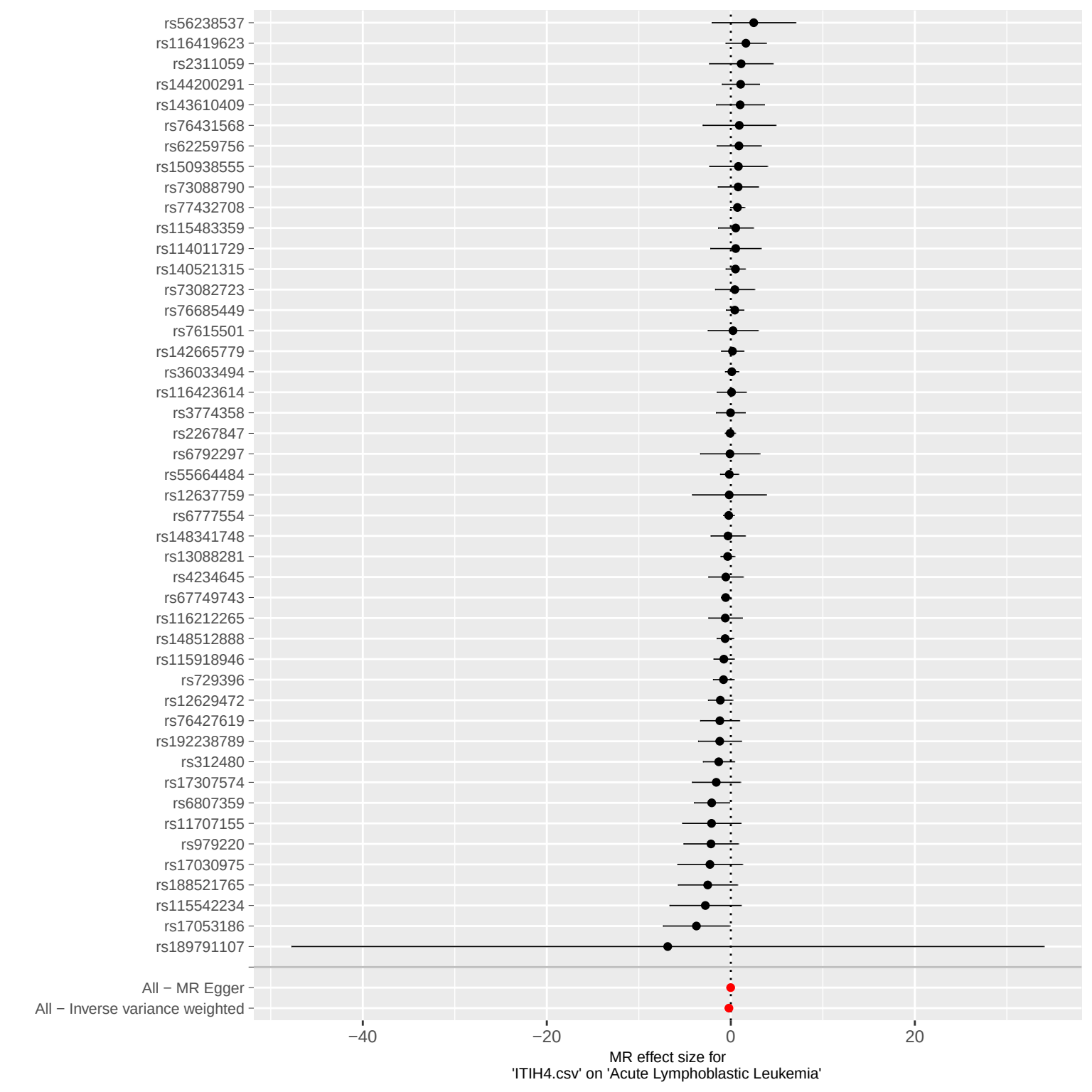
MR effect size for
'ITIH2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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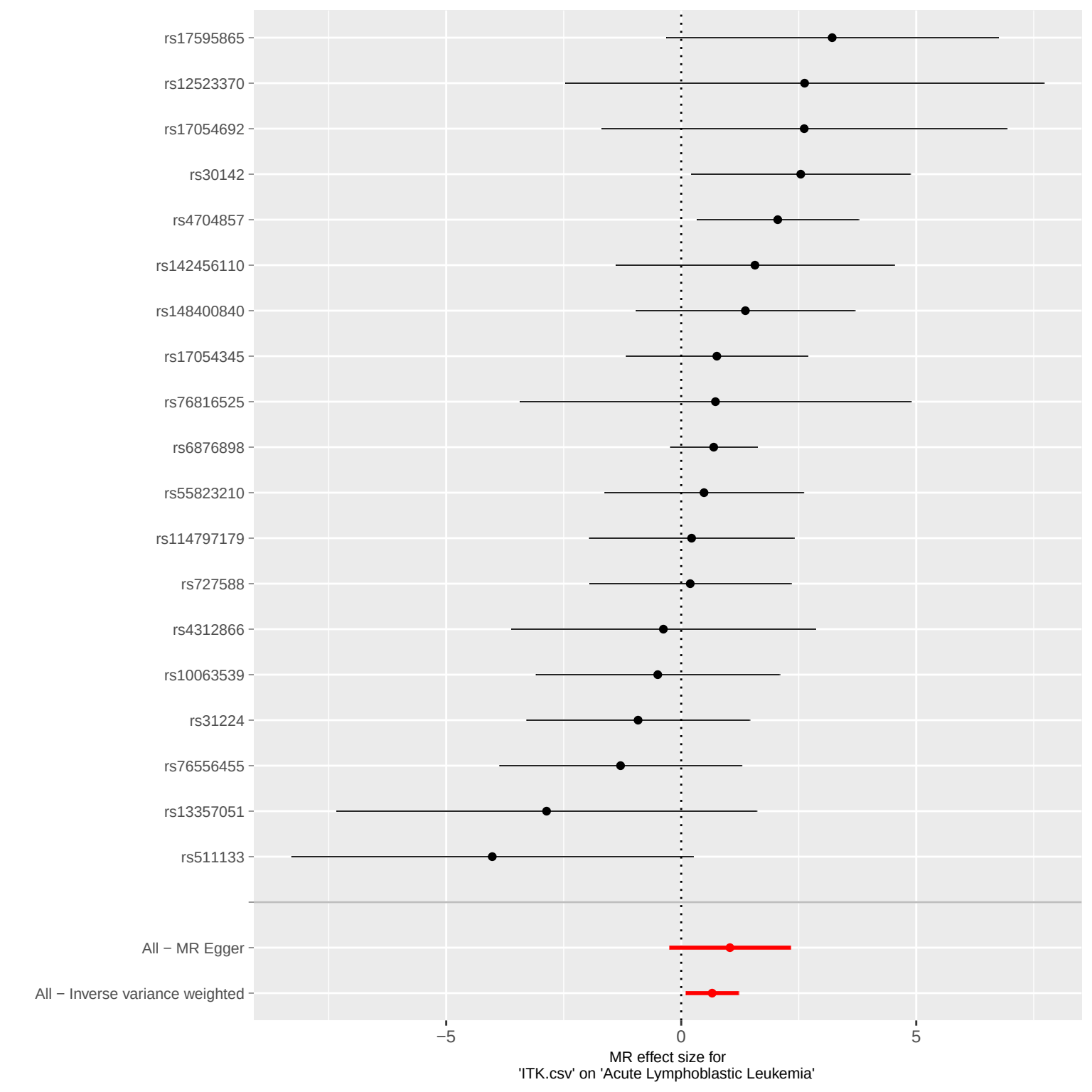
MR effect size for
'ITIH4.csv' on 'Acute Lymphoblastic Leukemia'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rs114797179
rs727588
rs4312866
rs10063539
rs31224
rs76556455
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All − MR Egger
All − Inverse variance weighted
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0
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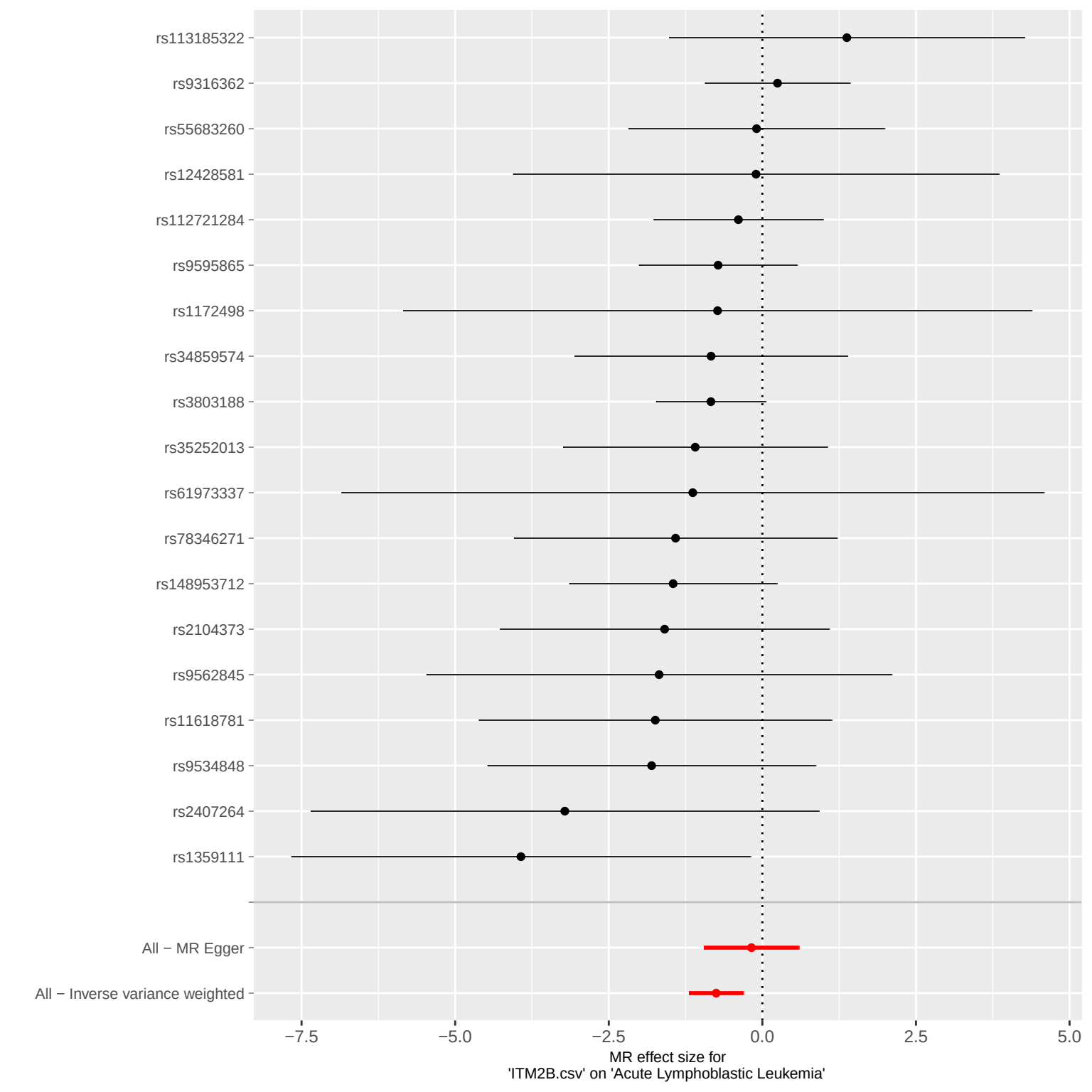
MR effect size for
'ITK.csv' on 'Acute Lymphoblastic Leukemia'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rs78346271
rs148953712
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rs9562845
rs11618781
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rs1359111
All − MR Egger
All − Inverse variance weighted
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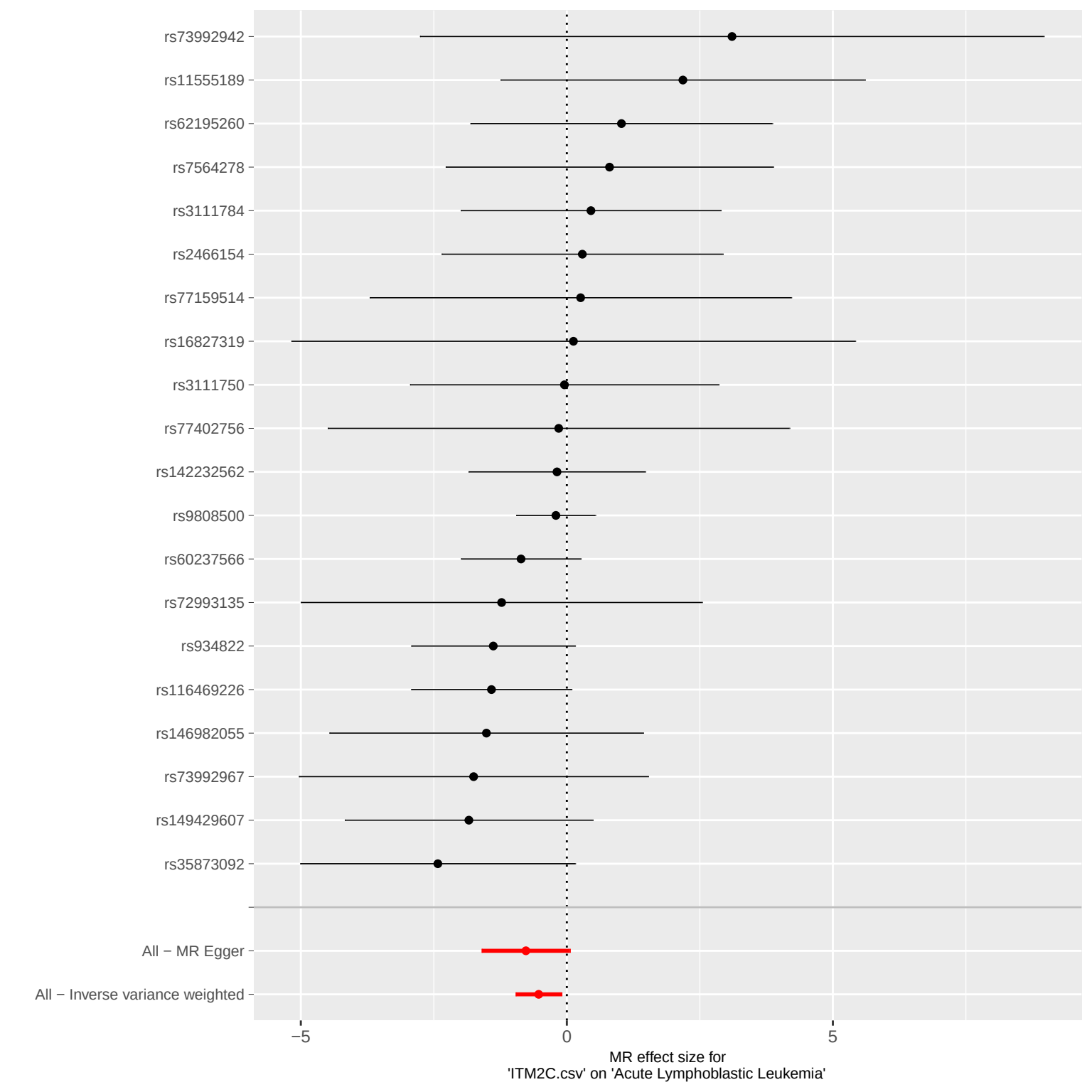
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ITM2B.csv' on 'Acute Lymphoblastic Leukemia'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rs72993135
rs934822
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rs146982055
rs73992967
rs149429607
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All − MR Egger
All − Inverse variance weighted
−5
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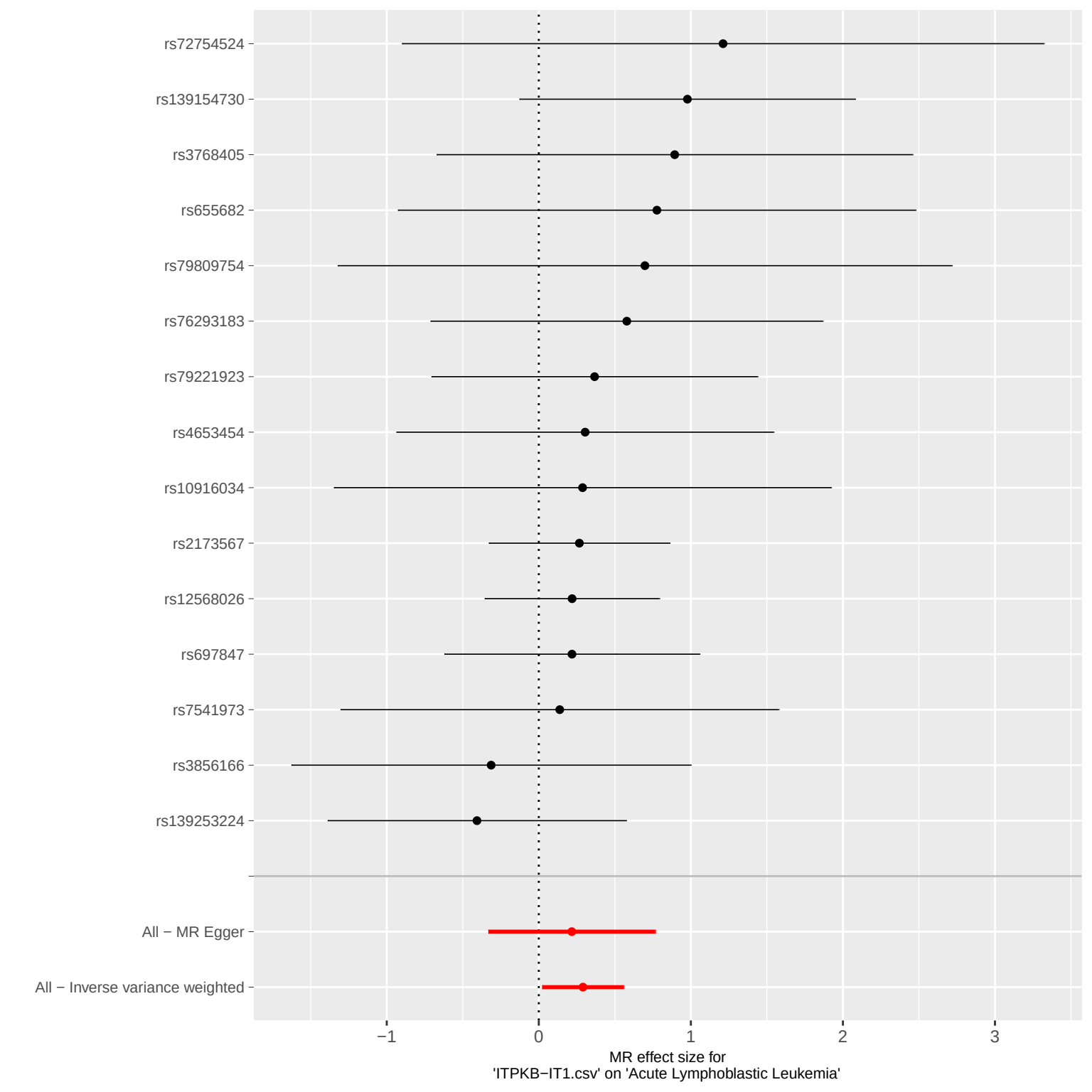
MR effect size for
'ITM2C.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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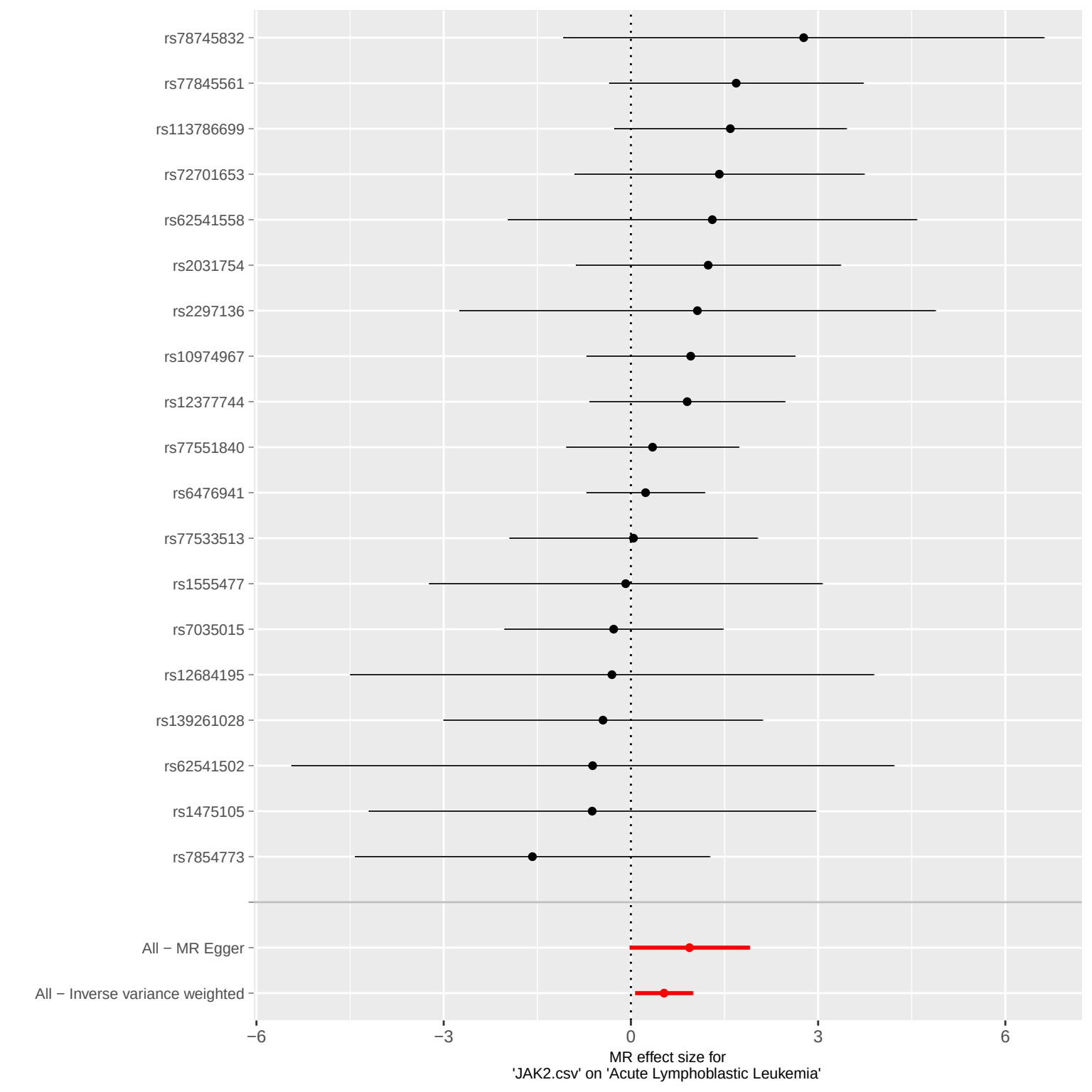
1
2
3
MR effect size for
'ITPKB−IT1.csv' on 'Acute Lymphoblastic Leukemia'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rs77533513
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rs7035015
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rs139261028
rs62541502
rs1475105
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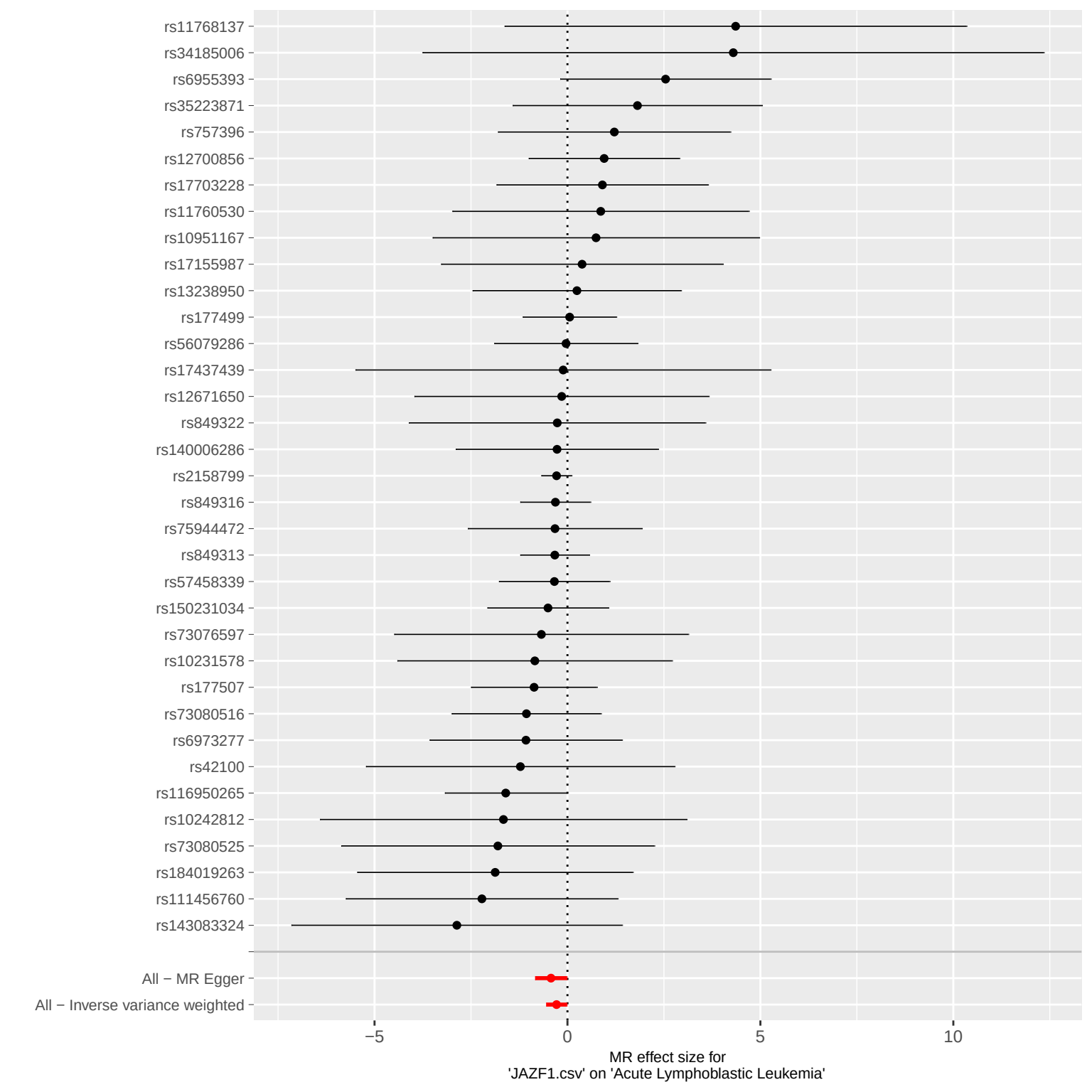
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'JAK2.csv' on 'Acute Lymphoblastic Leukemia'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rs10242812
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rs111456760
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All − MR Egger
All − Inverse variance weighted
−5
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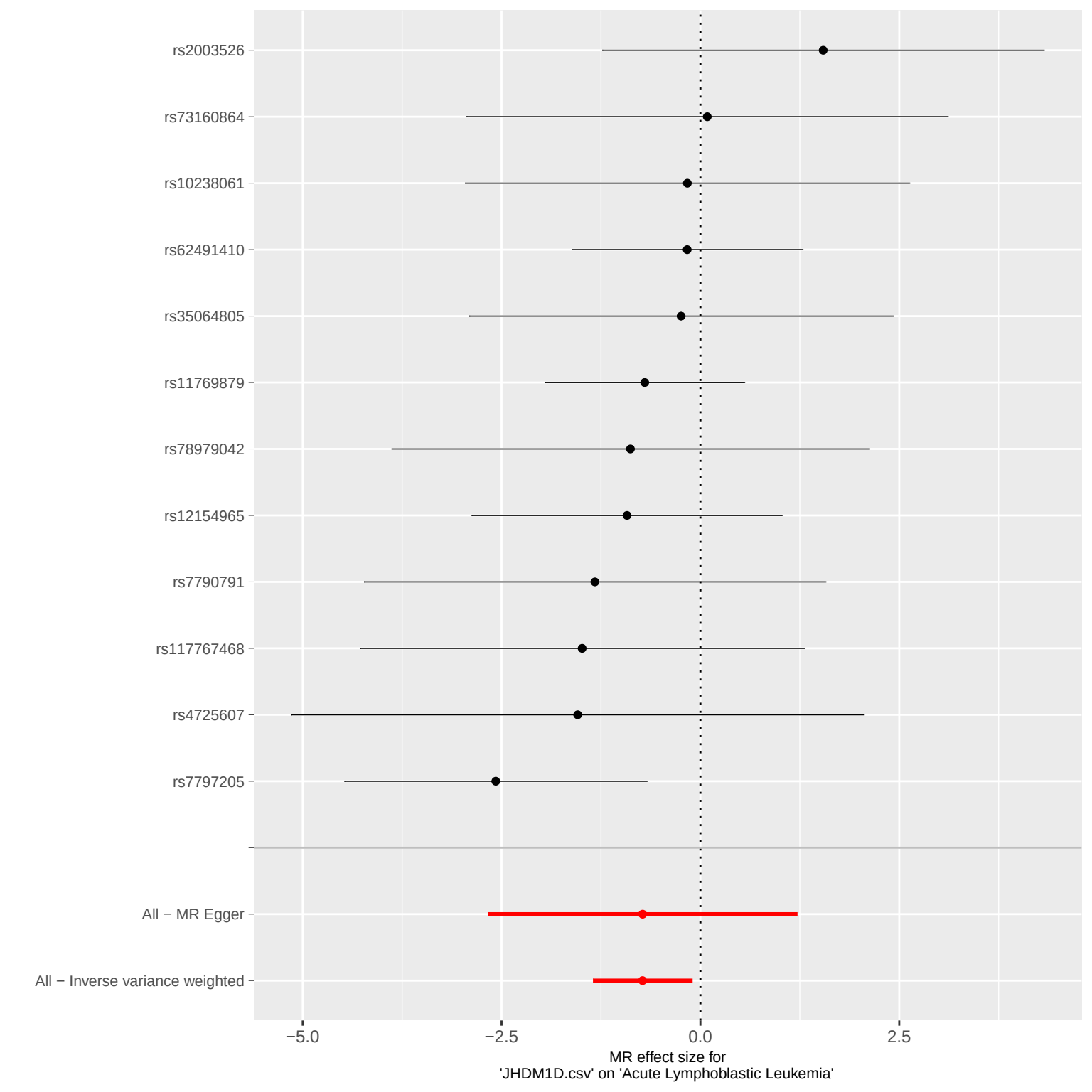
5
10
MR effect size for
'JAZF1.csv' on 'Acute Lymphoblastic Leukemia'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rs12154965
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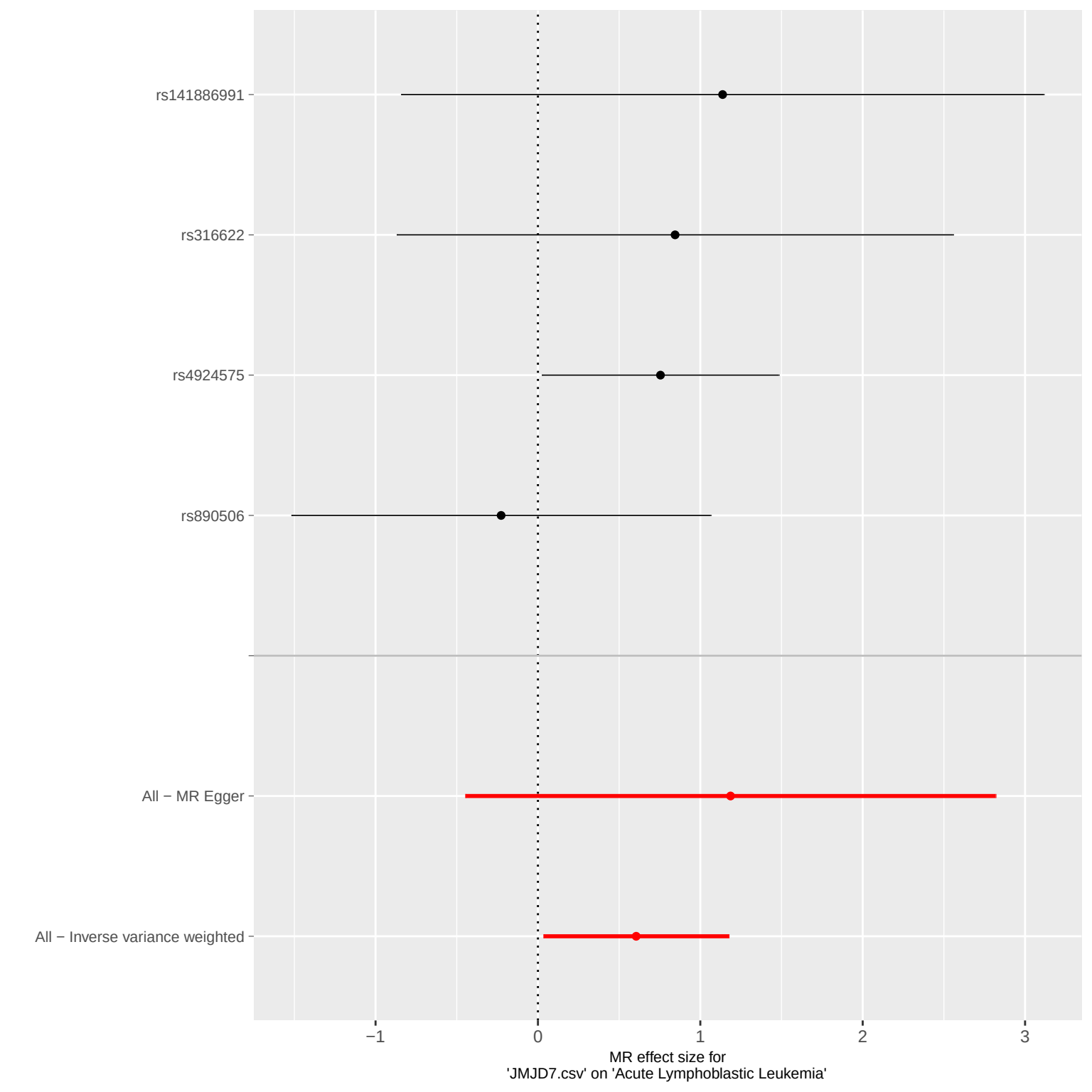
rs117767468
rs4725607
rs7797205
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'JHDM1D.csv' on 'Acute Lymphoblastic Leukemia'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rs4924575
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All − MR Egger
All − Inverse variance weighted
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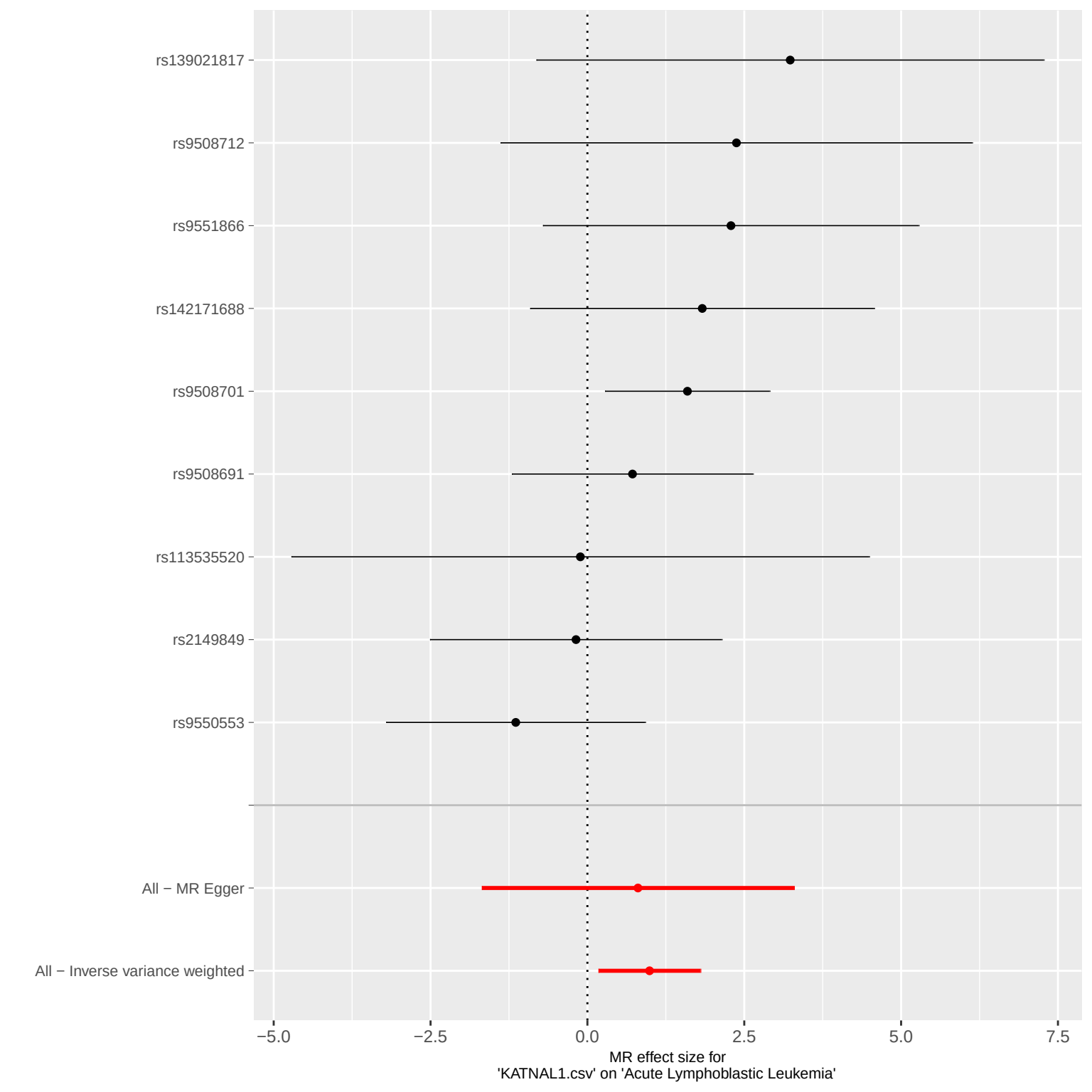
0
1
2
3
MR effect size for
'JMJD7.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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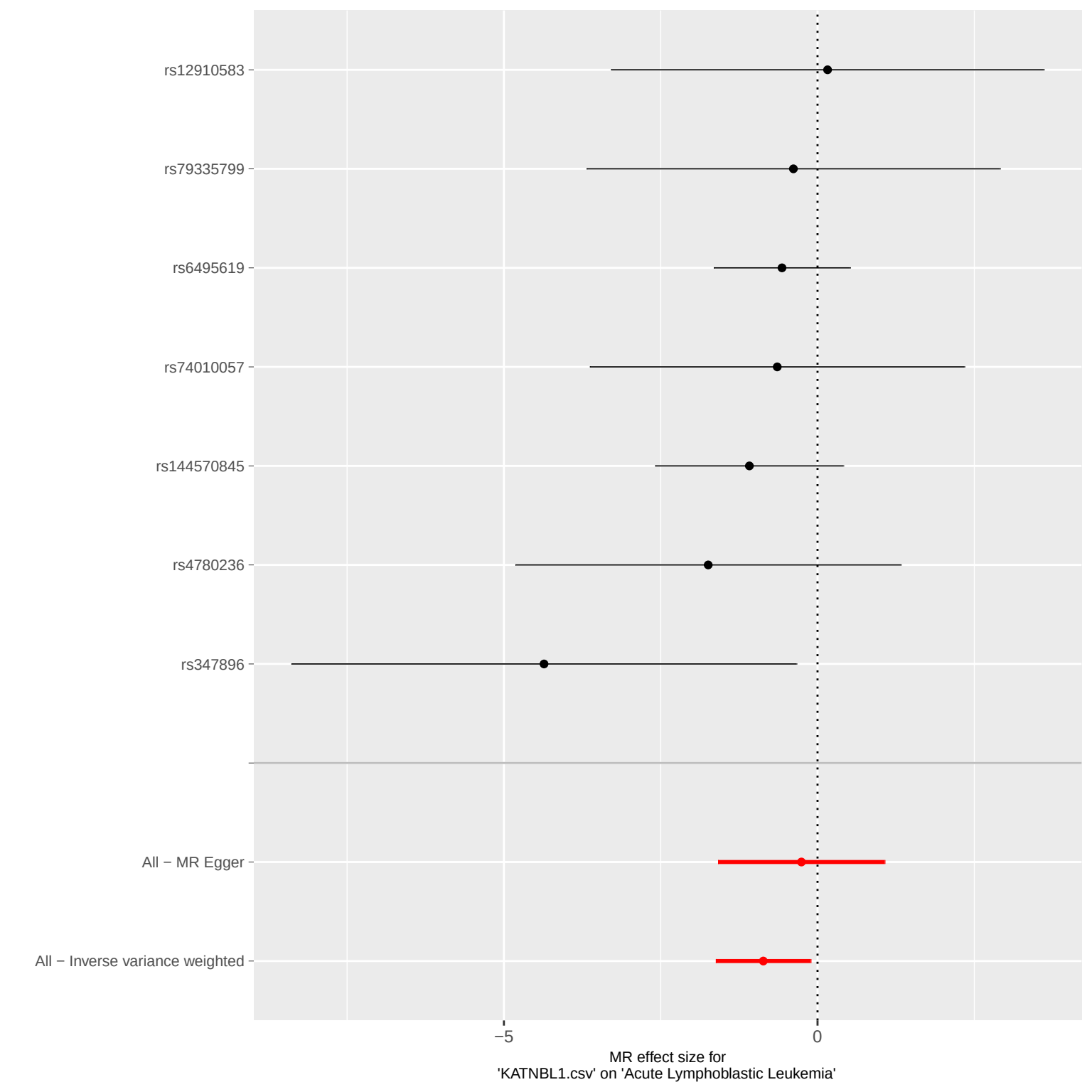
5.0
7.5
MR effect size for
'KATNAL1.csv' on 'Acute Lymphoblastic Leukemia'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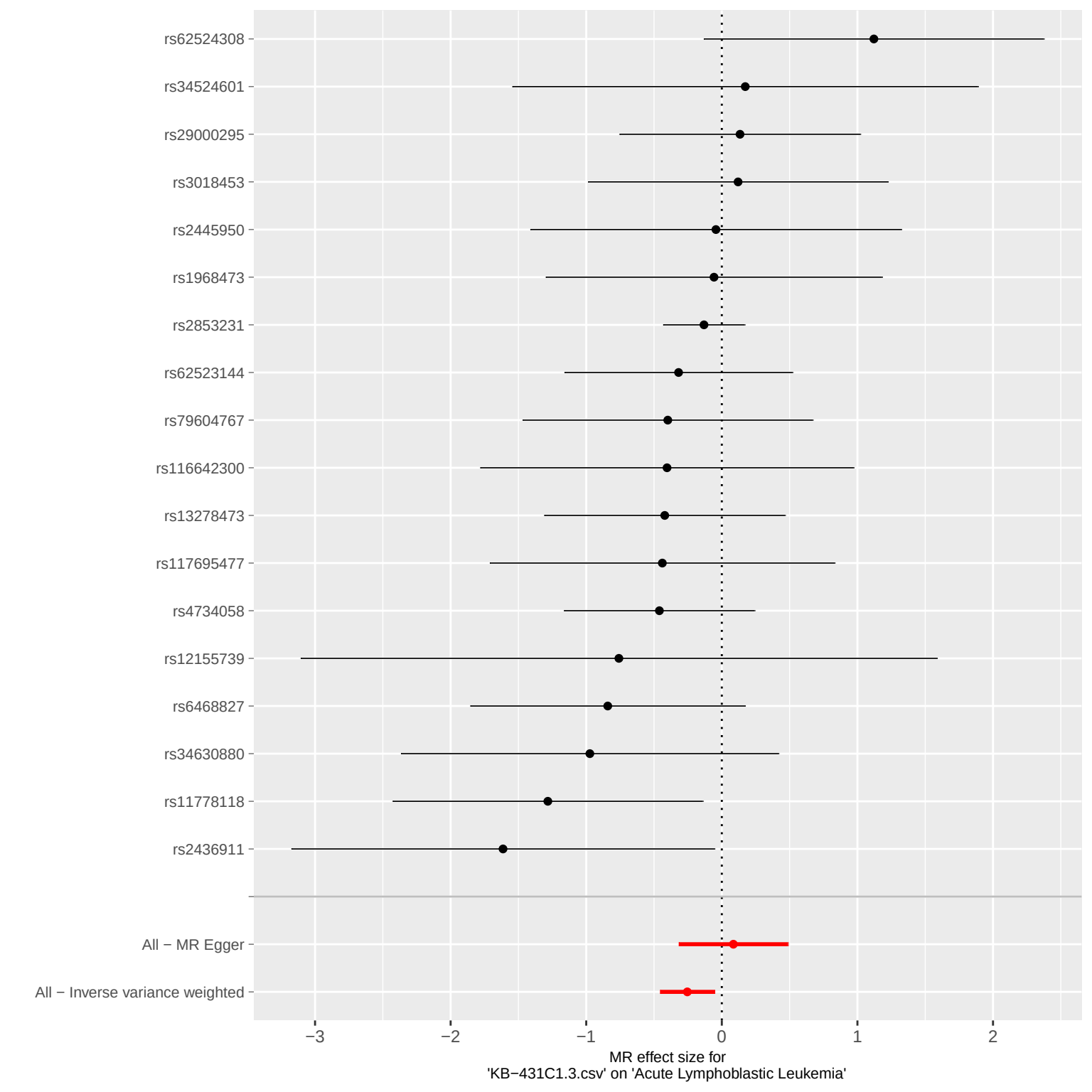
MR effect size for
'KATNBL1.csv' on 'Acute Lymphoblastic Leukemia'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rs4734058
rs12155739
rs6468827
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rs11778118
rs2436911
All − MR Egger
All − Inverse variance weighted
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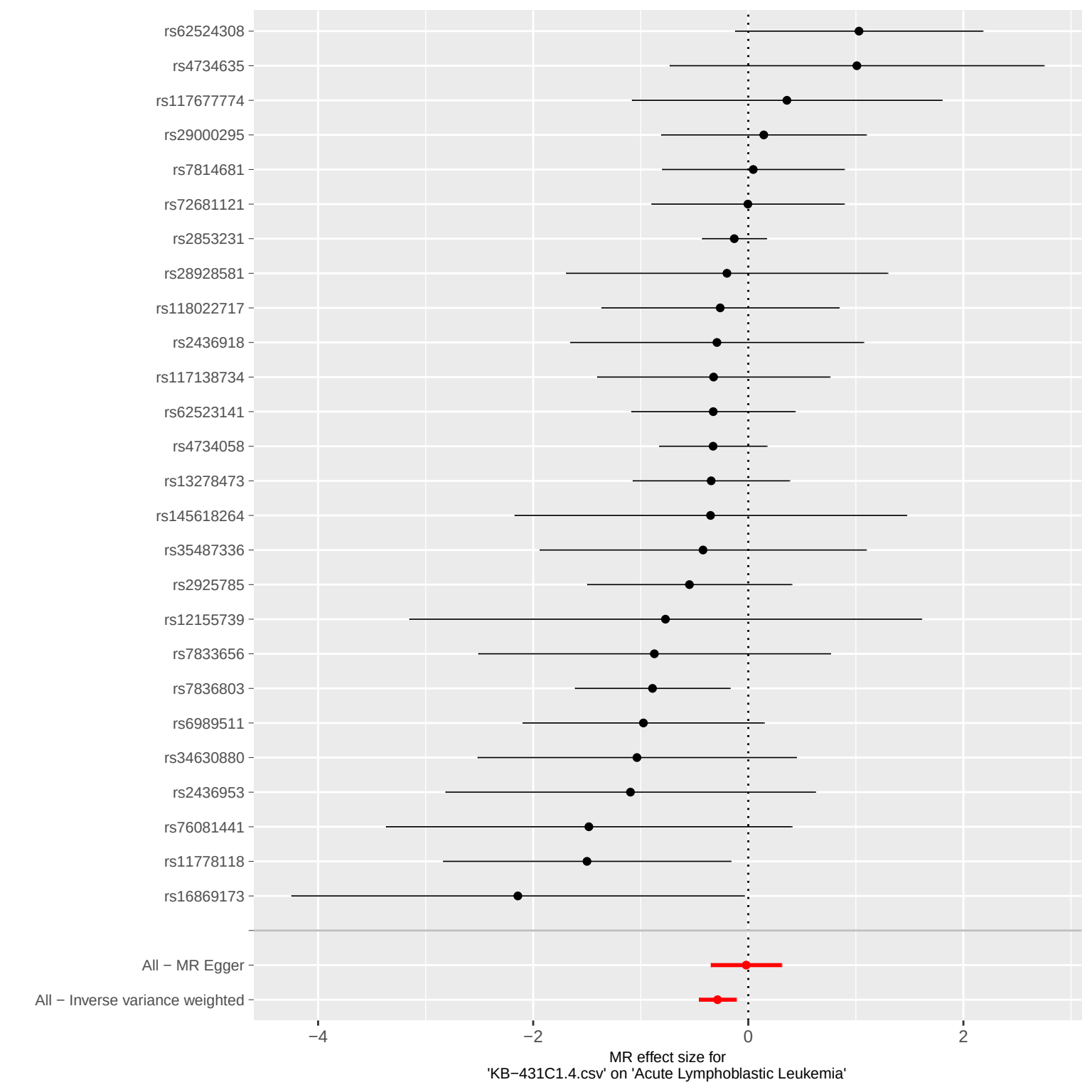
−1
0
1
2
MR effect size for
'KB−431C1.3.csv' on 'Acute Lymphoblastic Leukemia'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rs2436953
rs76081441
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rs16869173
All − MR Egger
All − Inverse variance weighted
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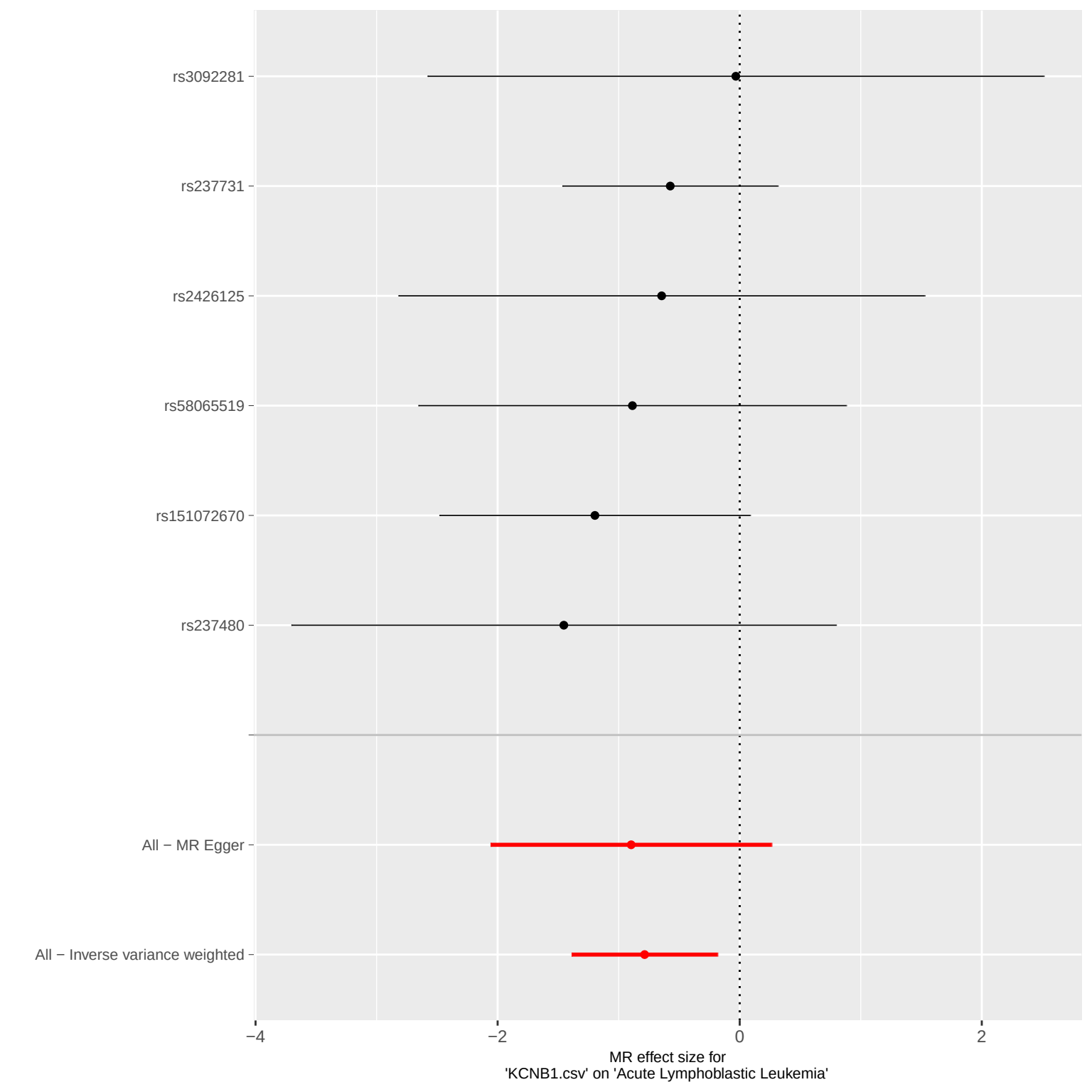
MR effect size for
'KB−431C1.4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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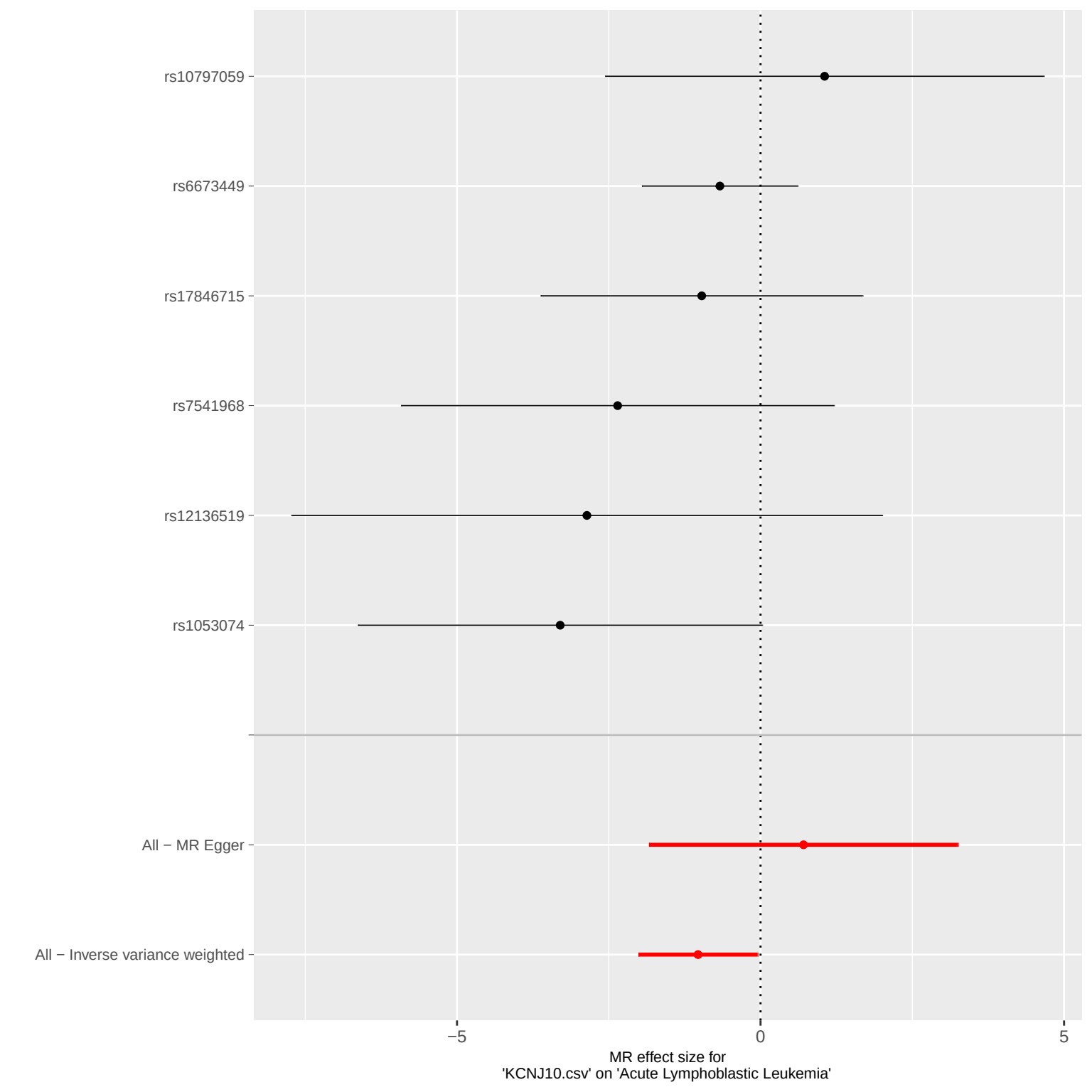
2
MR effect size for
'KCNB1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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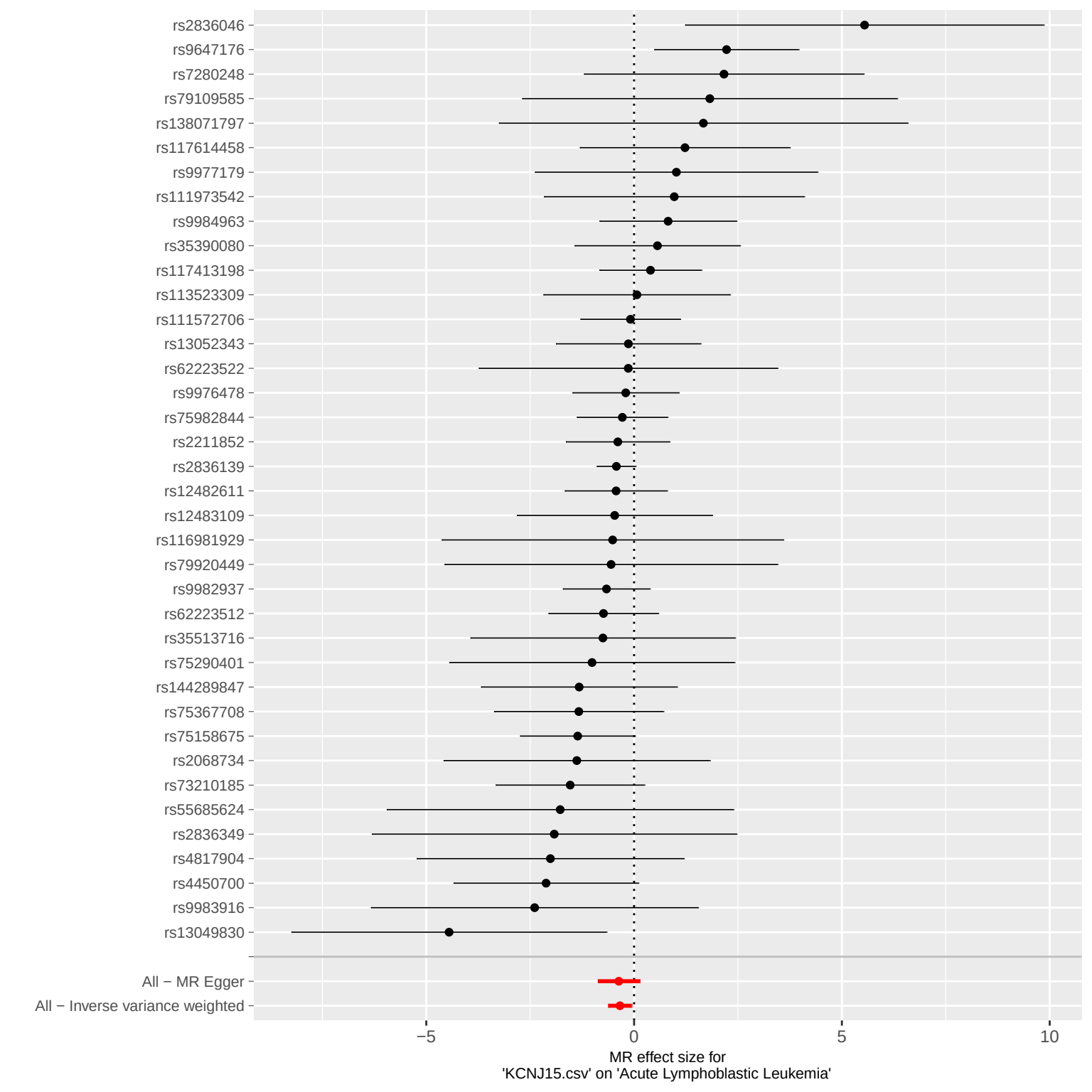
MR effect size for
'KCNJ10.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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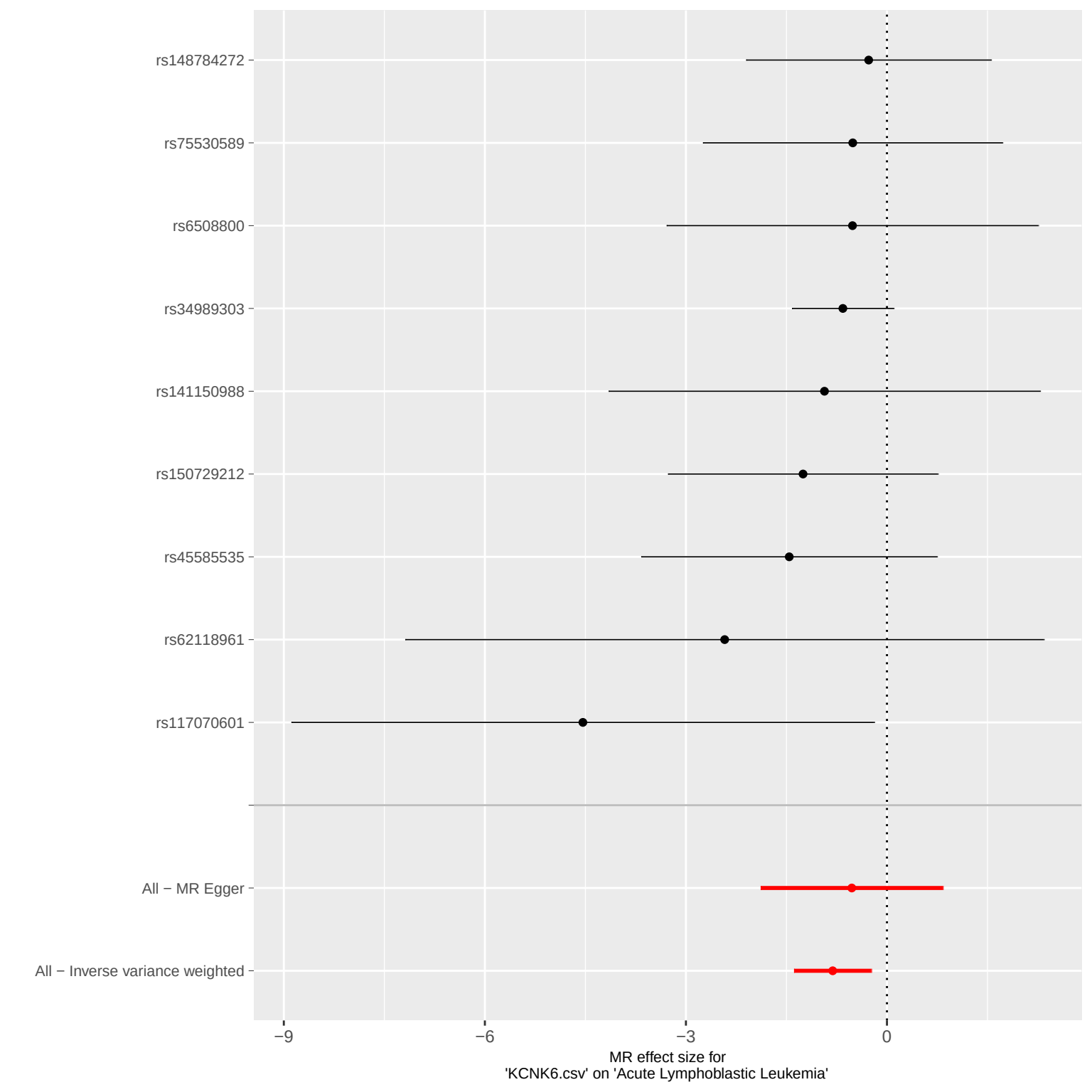
5
10
MR effect size for
'KCNJ15.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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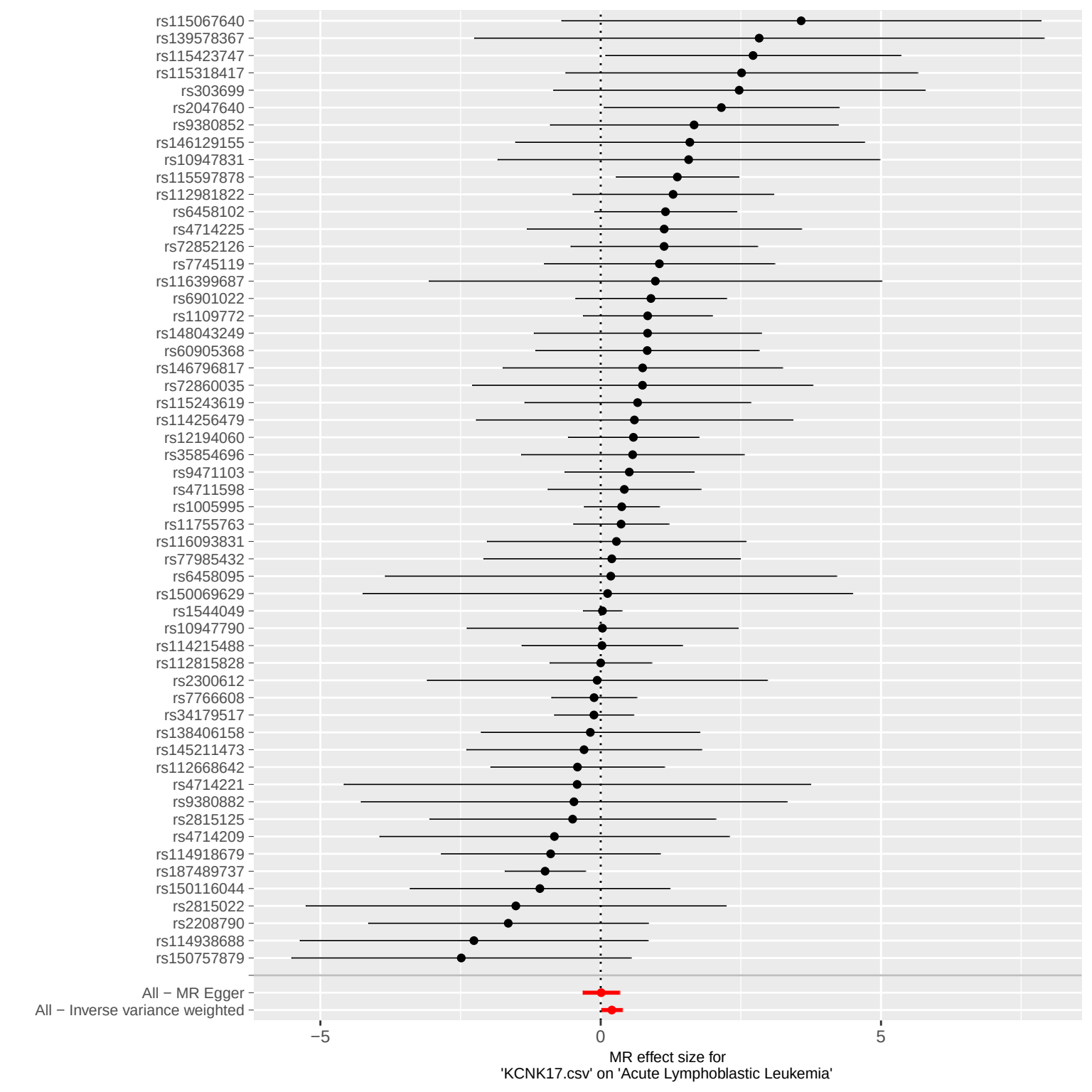
'KCNK6.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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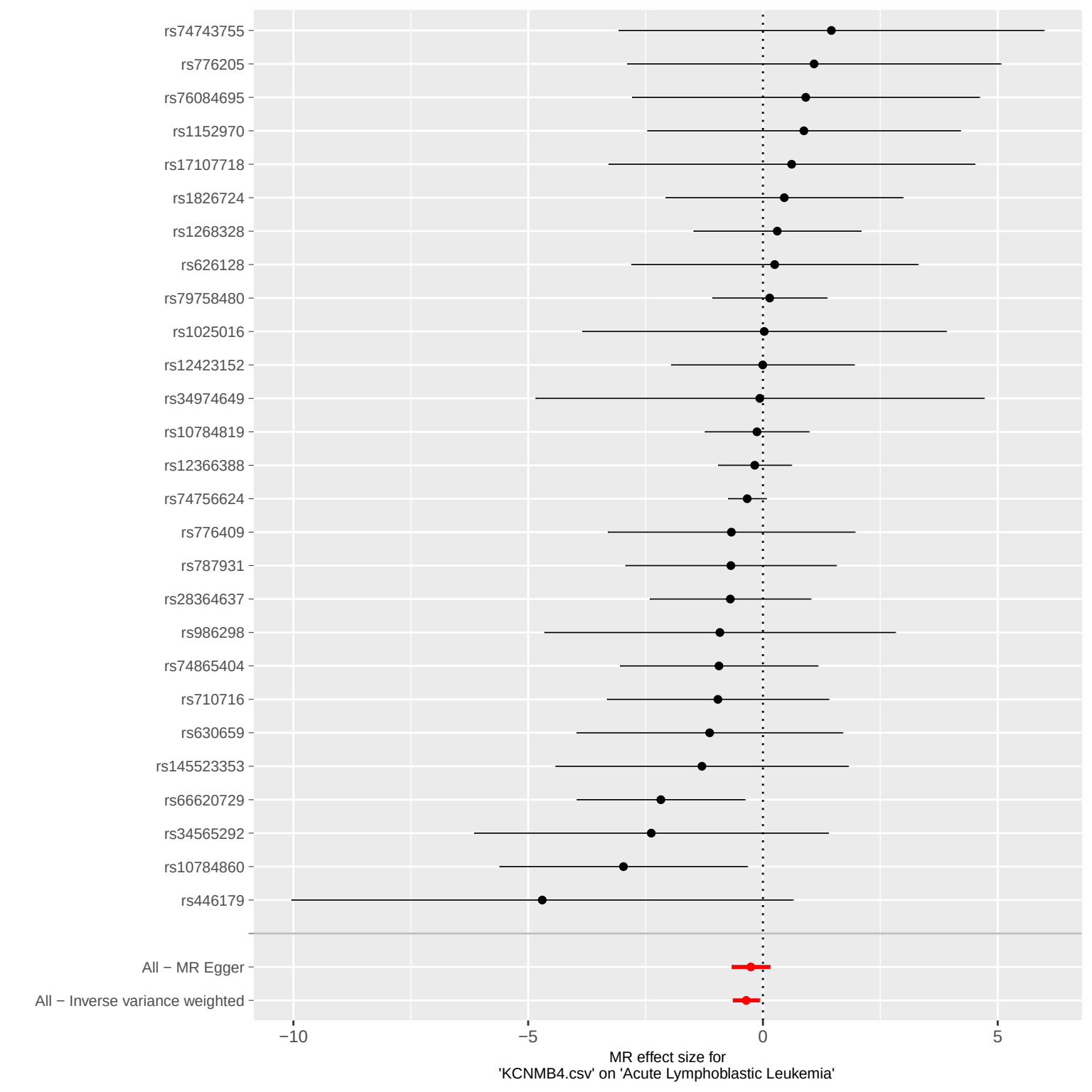
MR effect size for
'KCNK17.csv' on 'Acute Lymphoblastic Leukemia'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rs630659
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All − MR Egger
All − Inverse variance weighted
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−5
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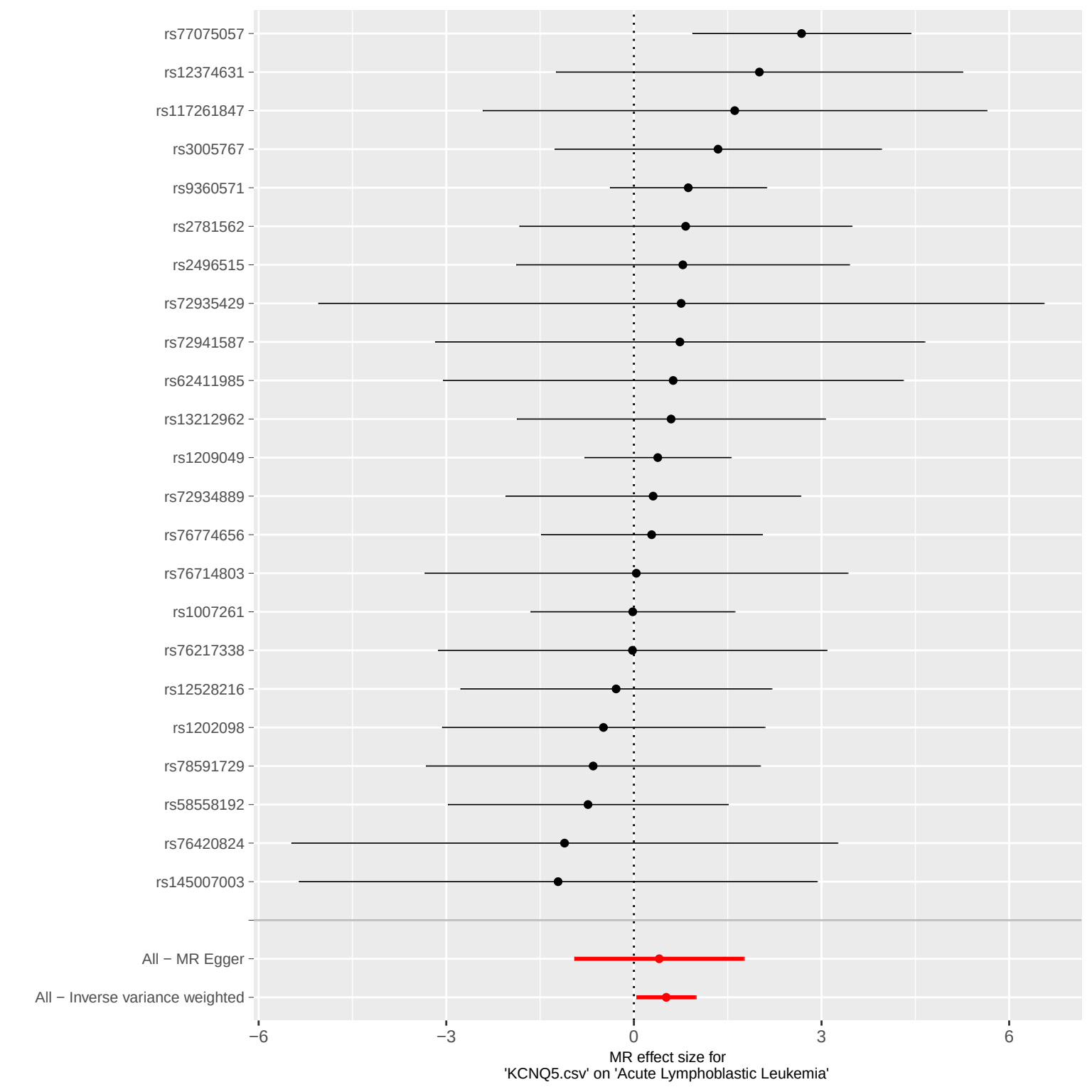
5
MR effect size for
'KCNMB4.csv' on 'Acute Lymphoblastic Leukemia'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rs1007261
rs76217338
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rs1202098
rs78591729
rs58558192
rs76420824
rs145007003
All − MR Egger
All − Inverse variance weighted
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−3
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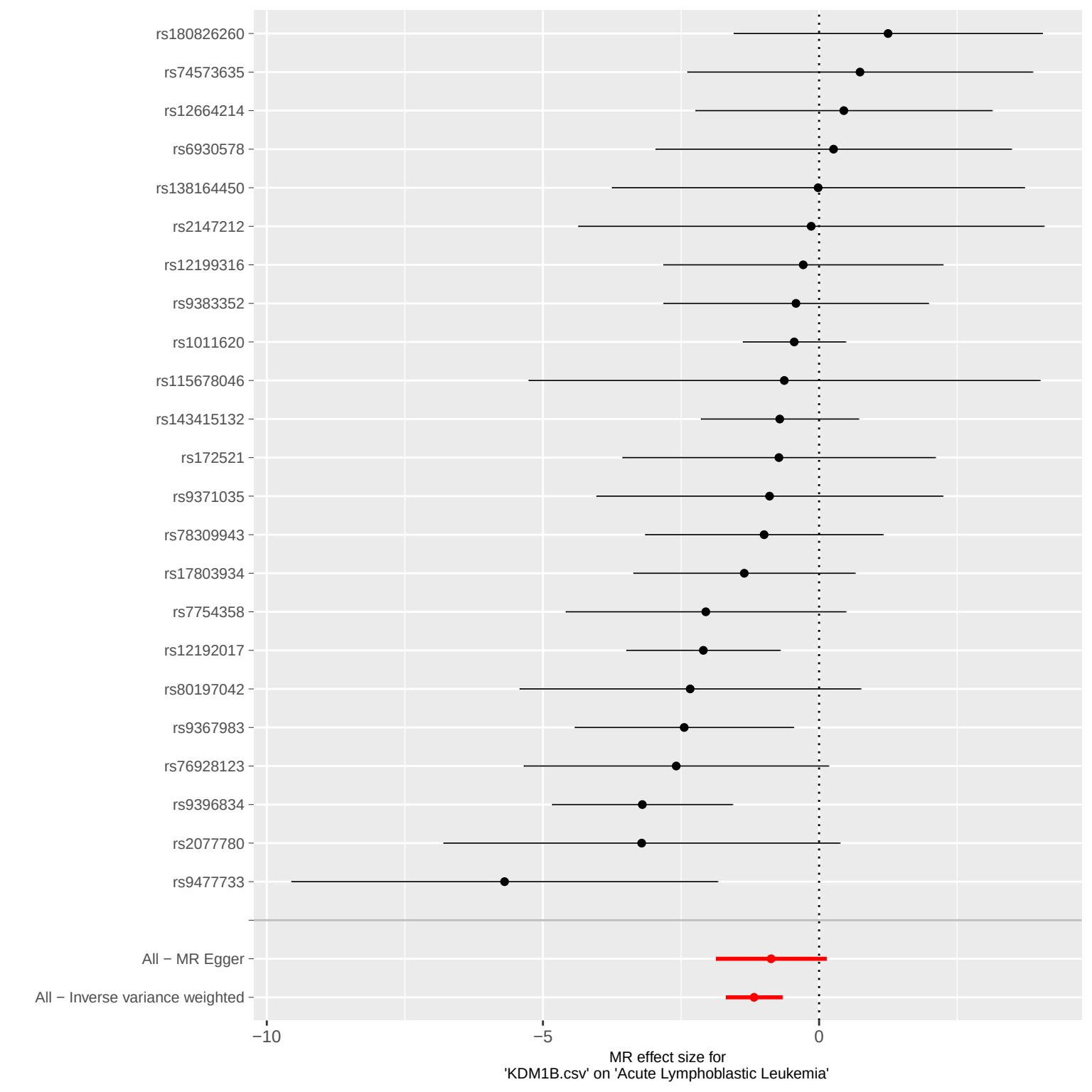
3
6
MR effect size for
'KCNQ5.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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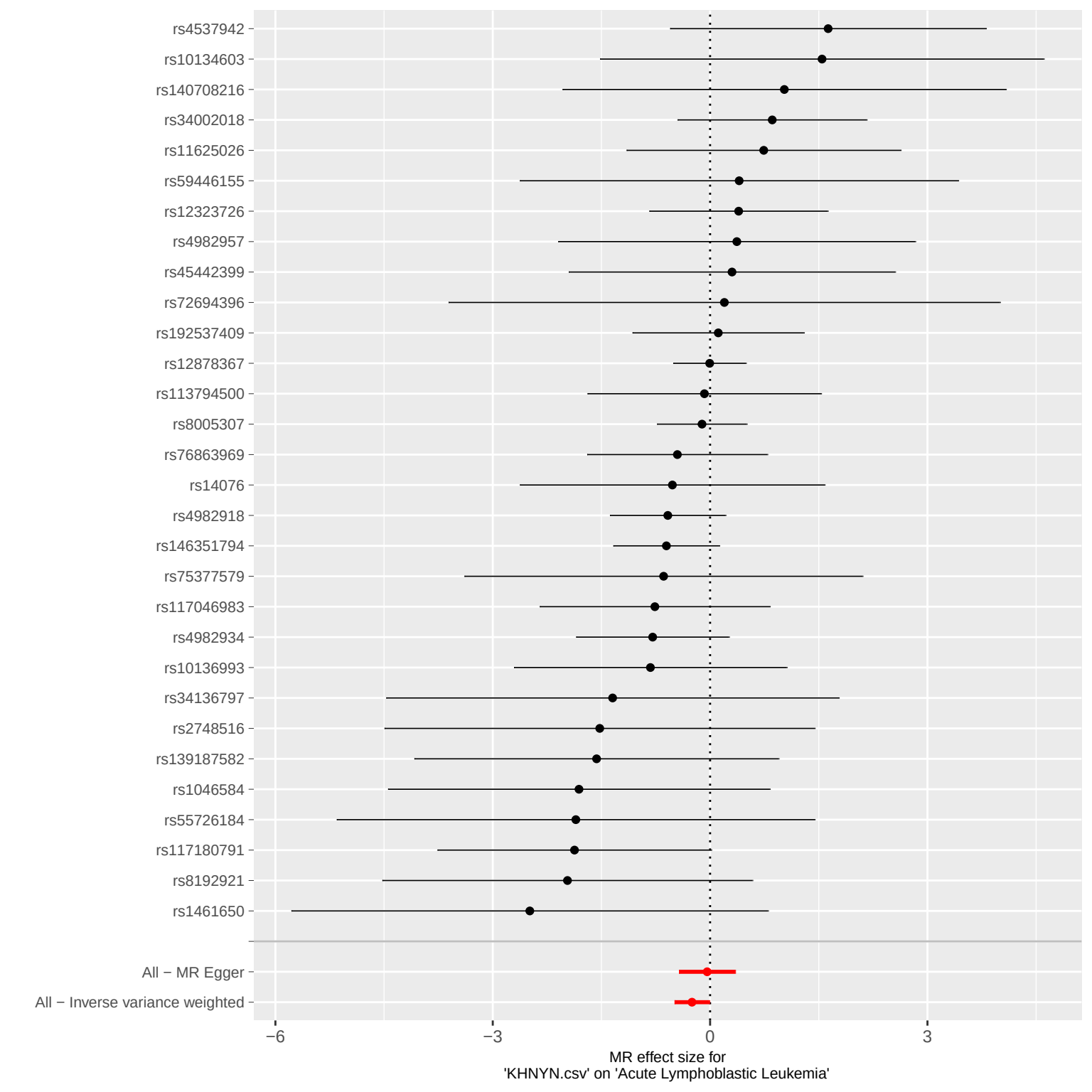
MR effect size for
'KDM1B.csv' on 'Acute Lymphoblastic Leukemia'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rs139187582
rs1046584
rs55726184
rs117180791
rs8192921
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All − MR Egger
All − Inverse variance weighted
−6
−3
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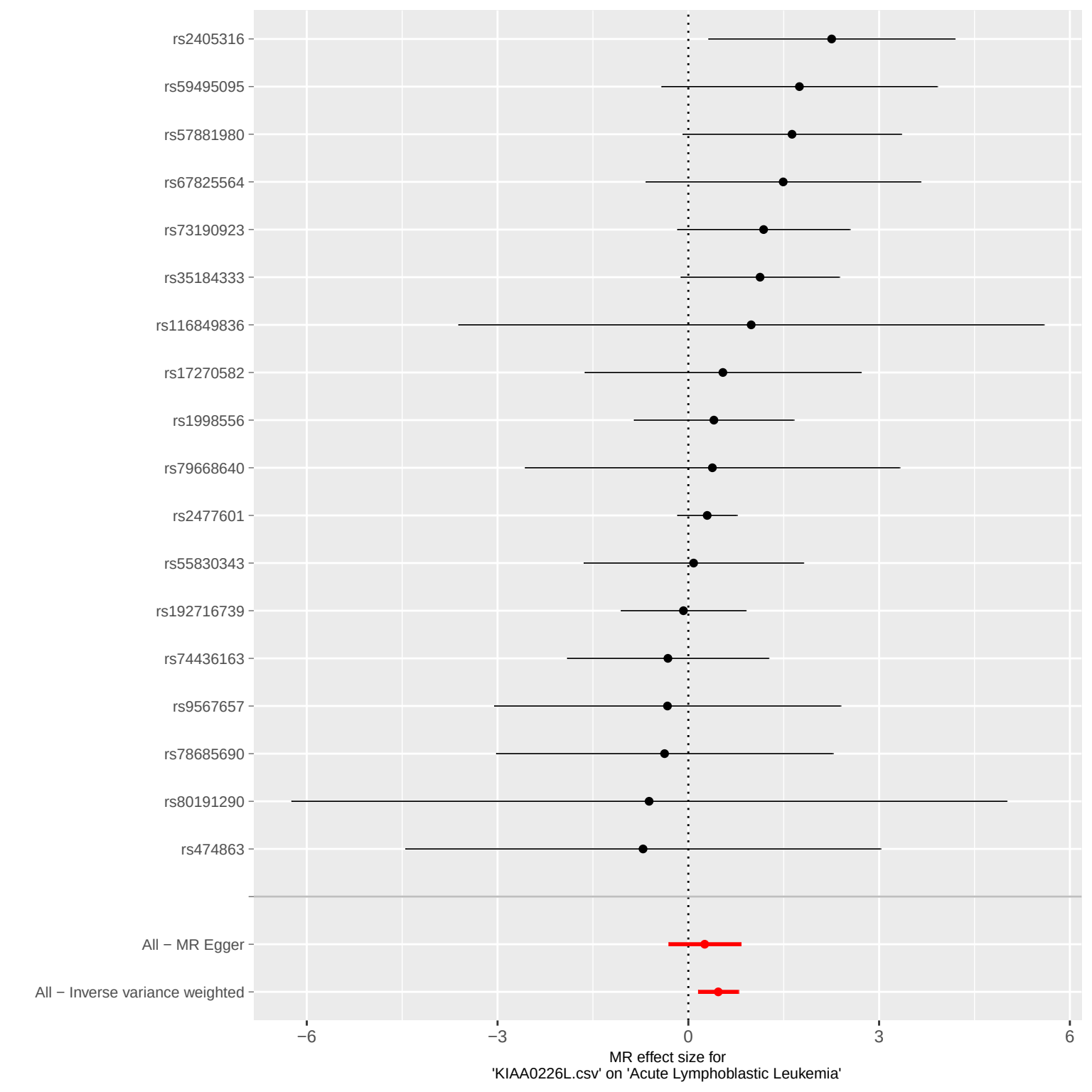
3
MR effect size for
'KHNYN.csv' on 'Acute Lymphoblastic Leukemia'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rs192716739
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All − MR Egger
All − Inverse variance weighted
−6
−3
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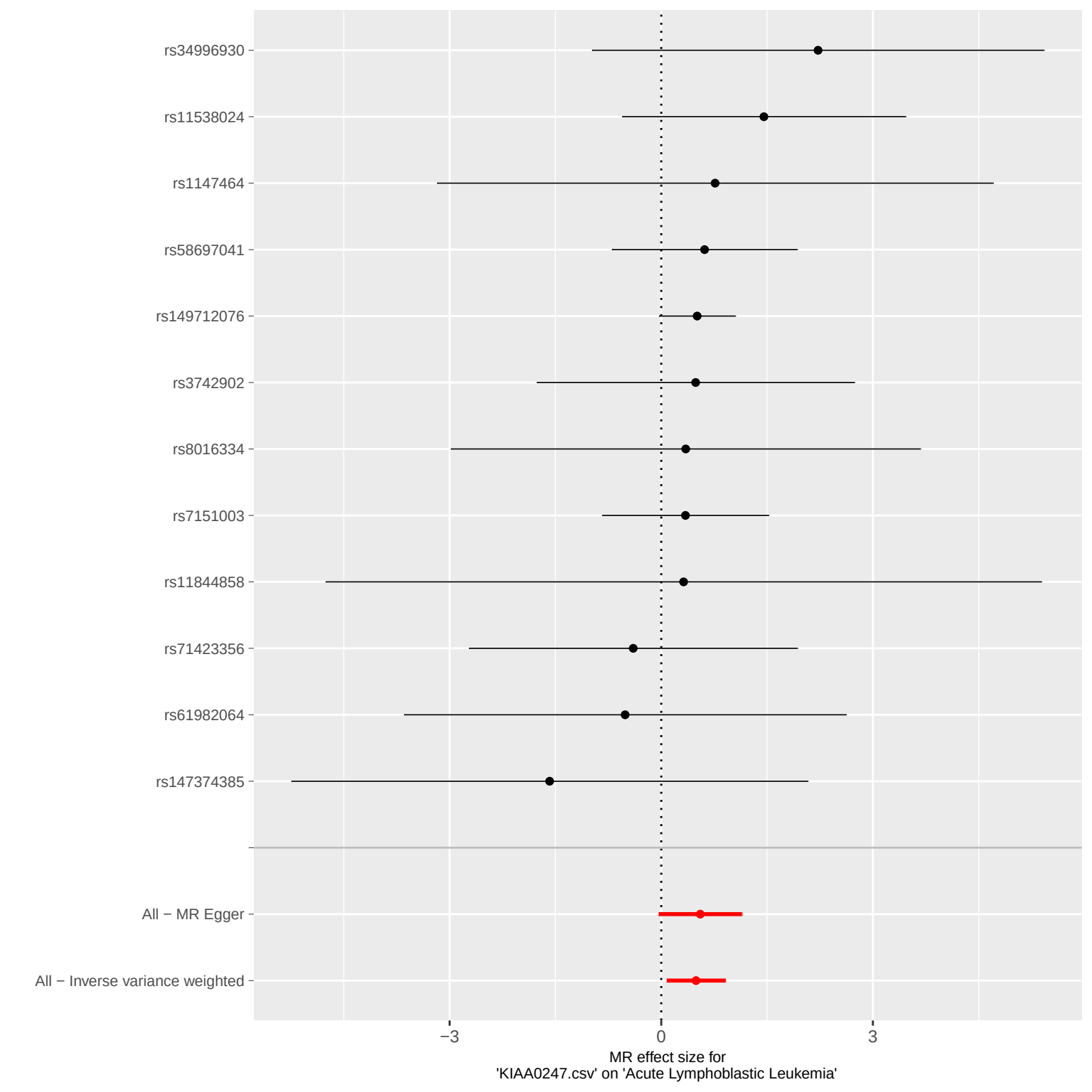
3
6
MR effect size for
'KIAA0226L.csv' on 'Acute Lymphoblastic Leukemia'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rs71423356
rs61982064
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All − MR Egger
All − Inverse variance weighted
−3
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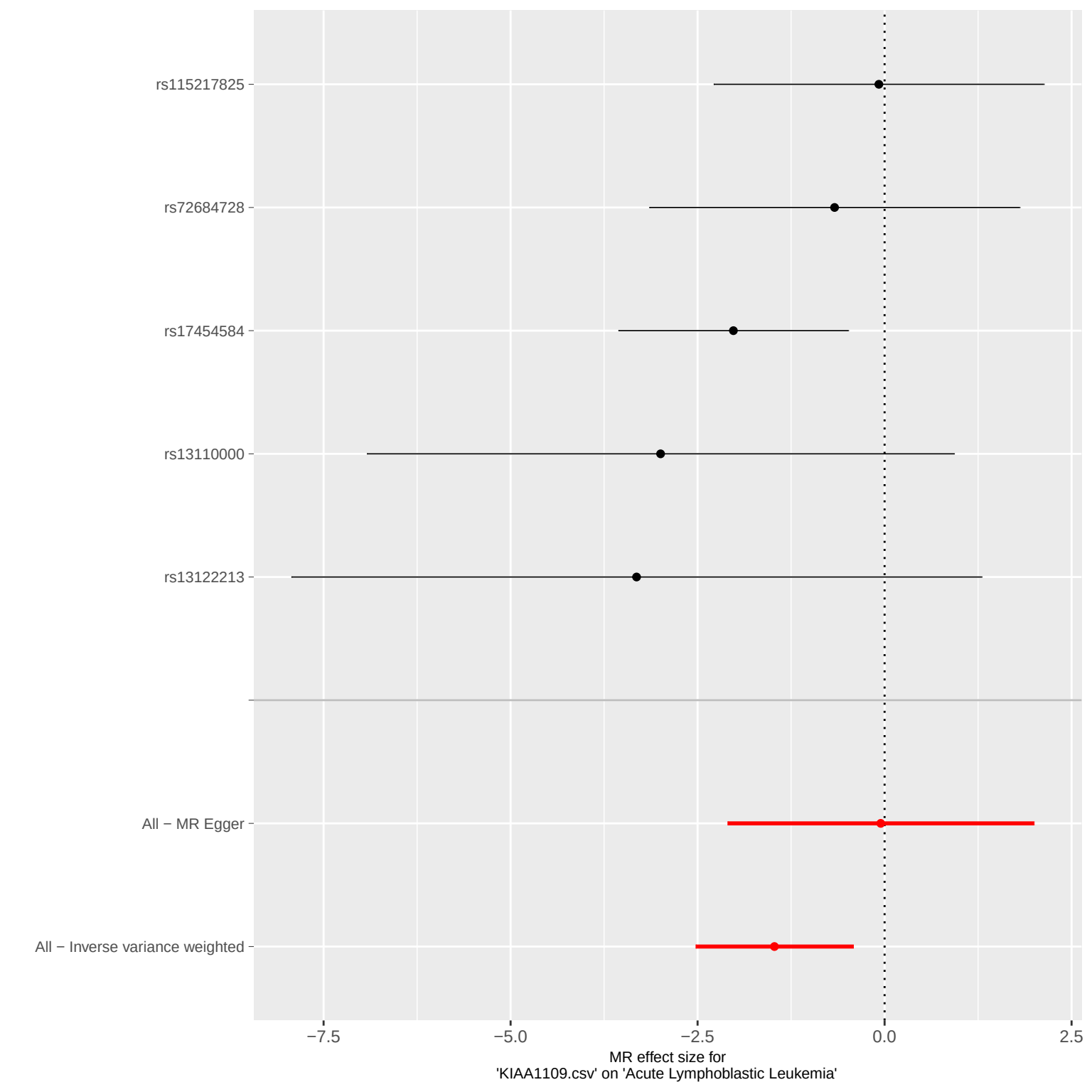
3
MR effect size for
'KIAA0247.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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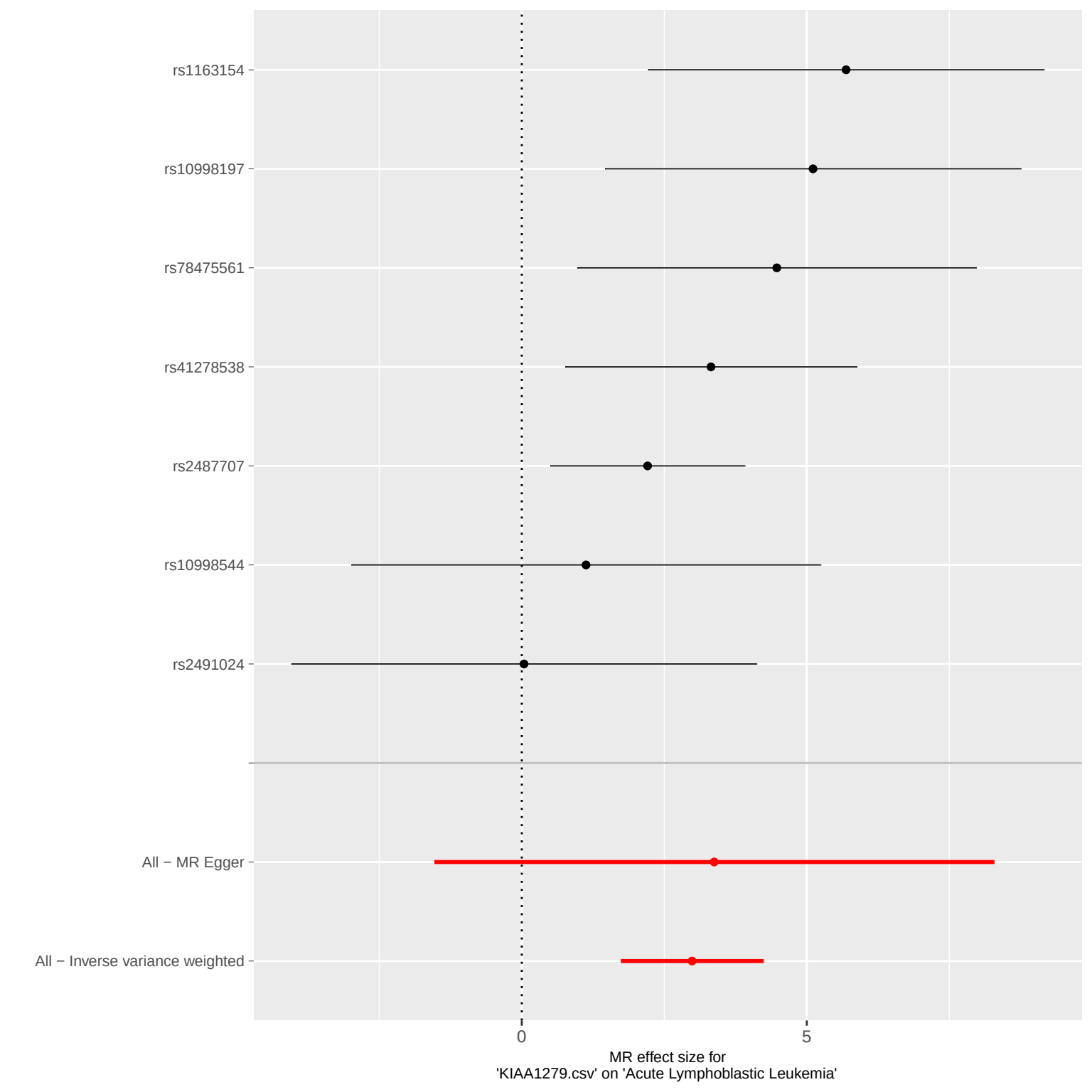
−5.0
−2.5
0.0
2.5
MR effect size for
'KIAA1109.csv' on 'Acute Lymphoblastic Leukemia'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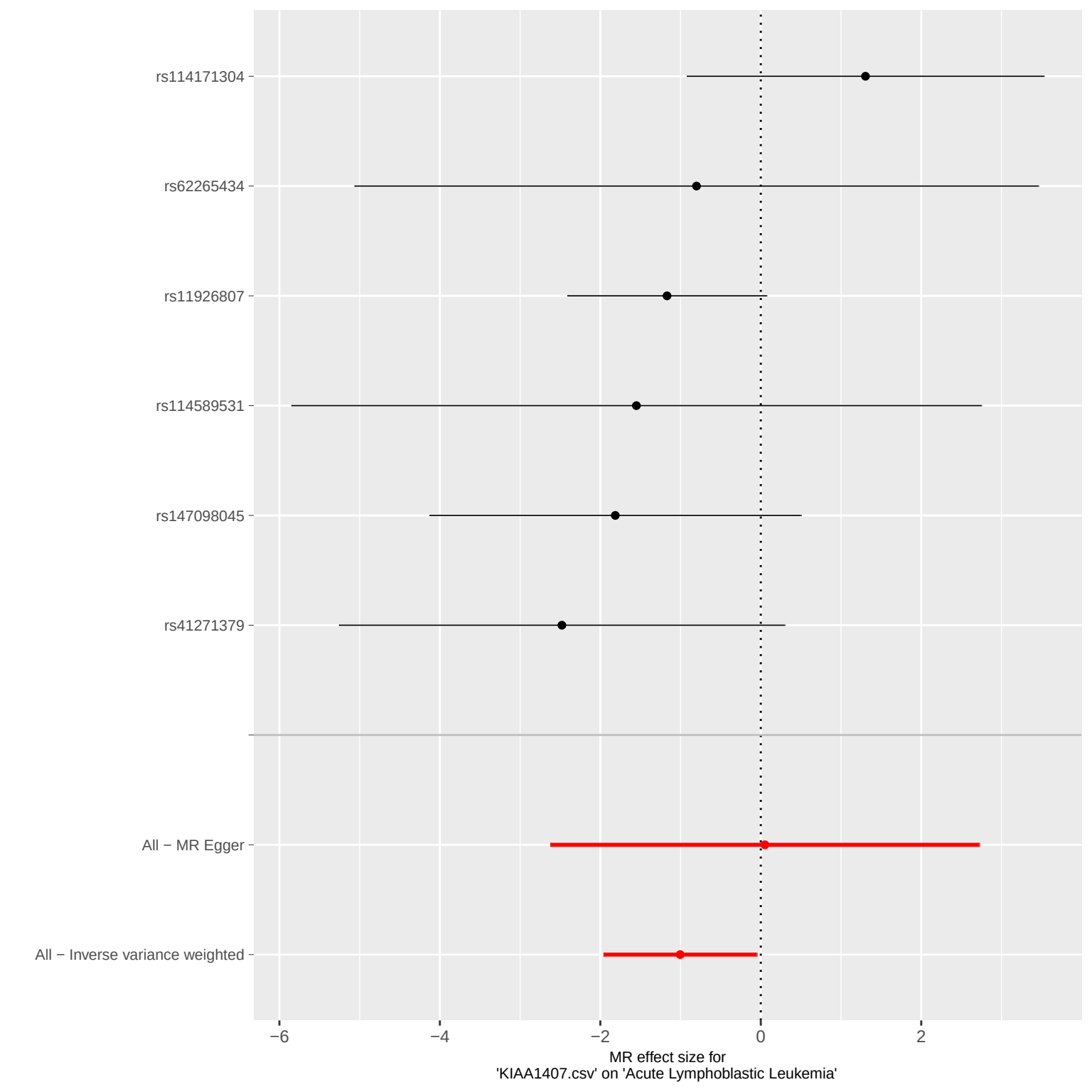
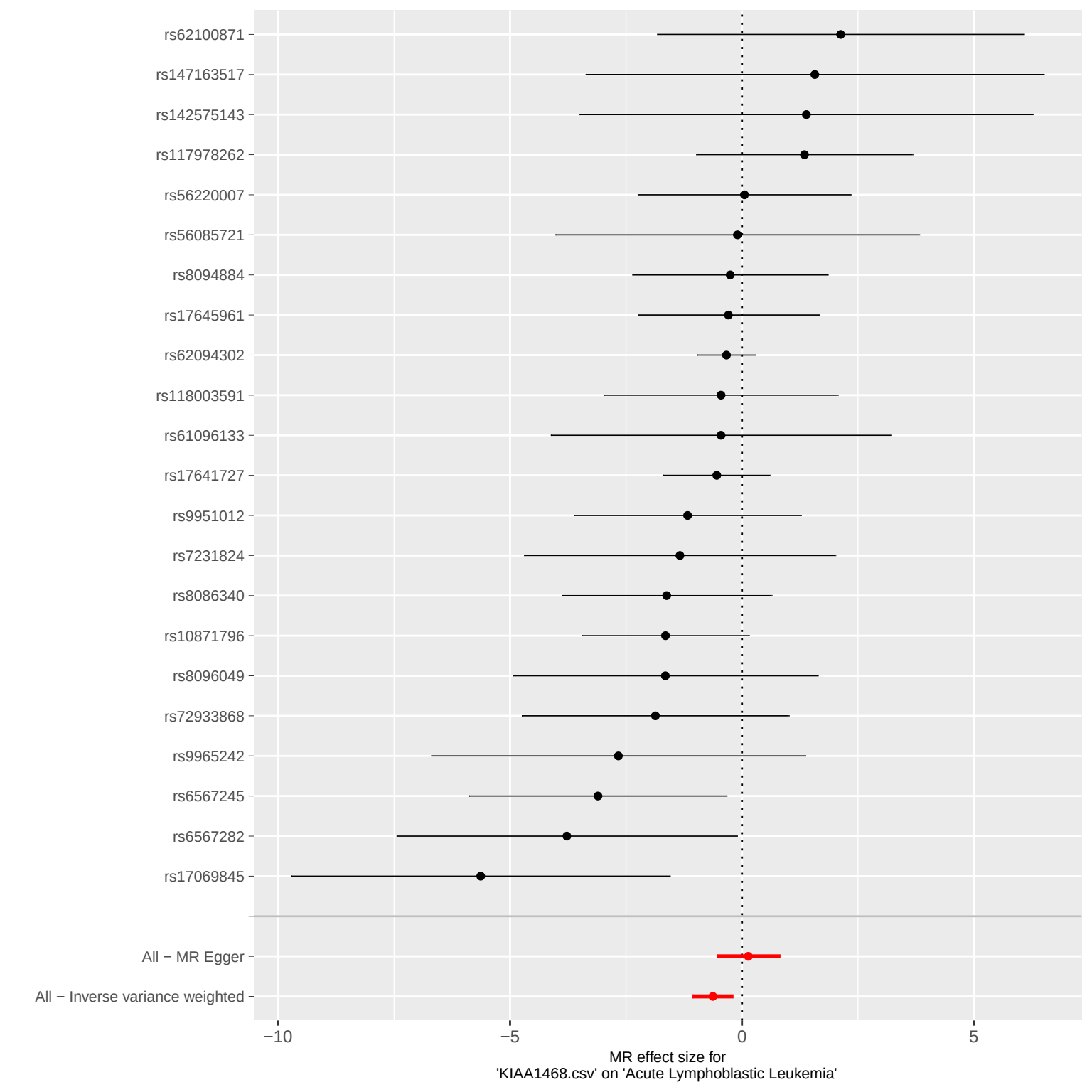
rs2487707
rs10998544
rs2491024
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'KIAA1279.csv' on 'Acute Lymphoblastic Leukemia'


rs114171304
rs62265434
rs11926807
rs114589531
rs147098045
rs41271379
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'KIAA1407.csv' on 'Acute Lymphoblastic Leukemia'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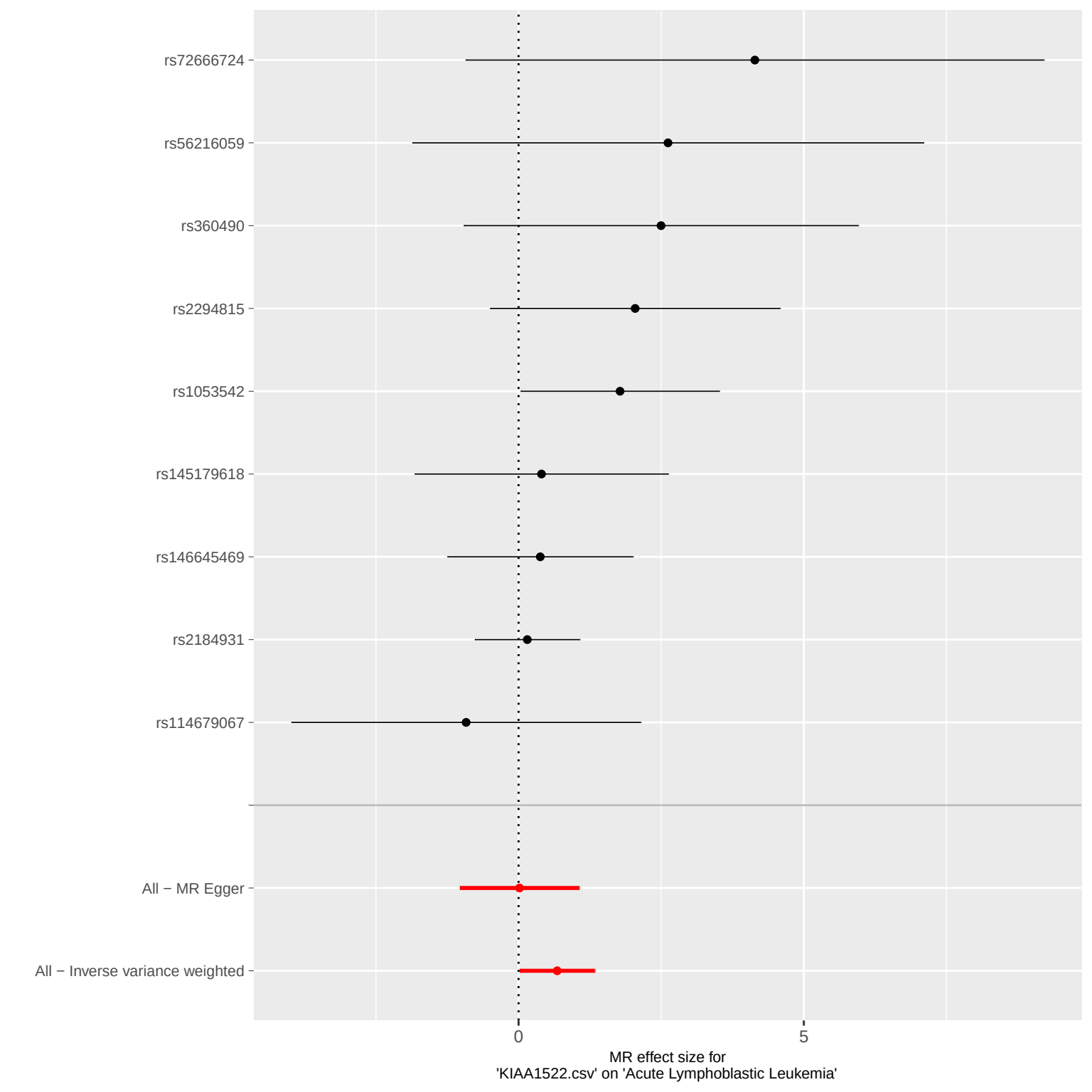
rs61096133
rs17641727
rs9951012
rs7231824
rs8086340
rs10871796
rs8096049
rs72933868
rs9965242
rs6567245
rs6567282
rs17069845
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'KIAA1468.csv' on 'Acute Lymphoblastic Leukemia'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rs360490
rs2294815
rs1053542
rs145179618
rs146645469
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All − MR Egger
All − Inverse variance weighted
0
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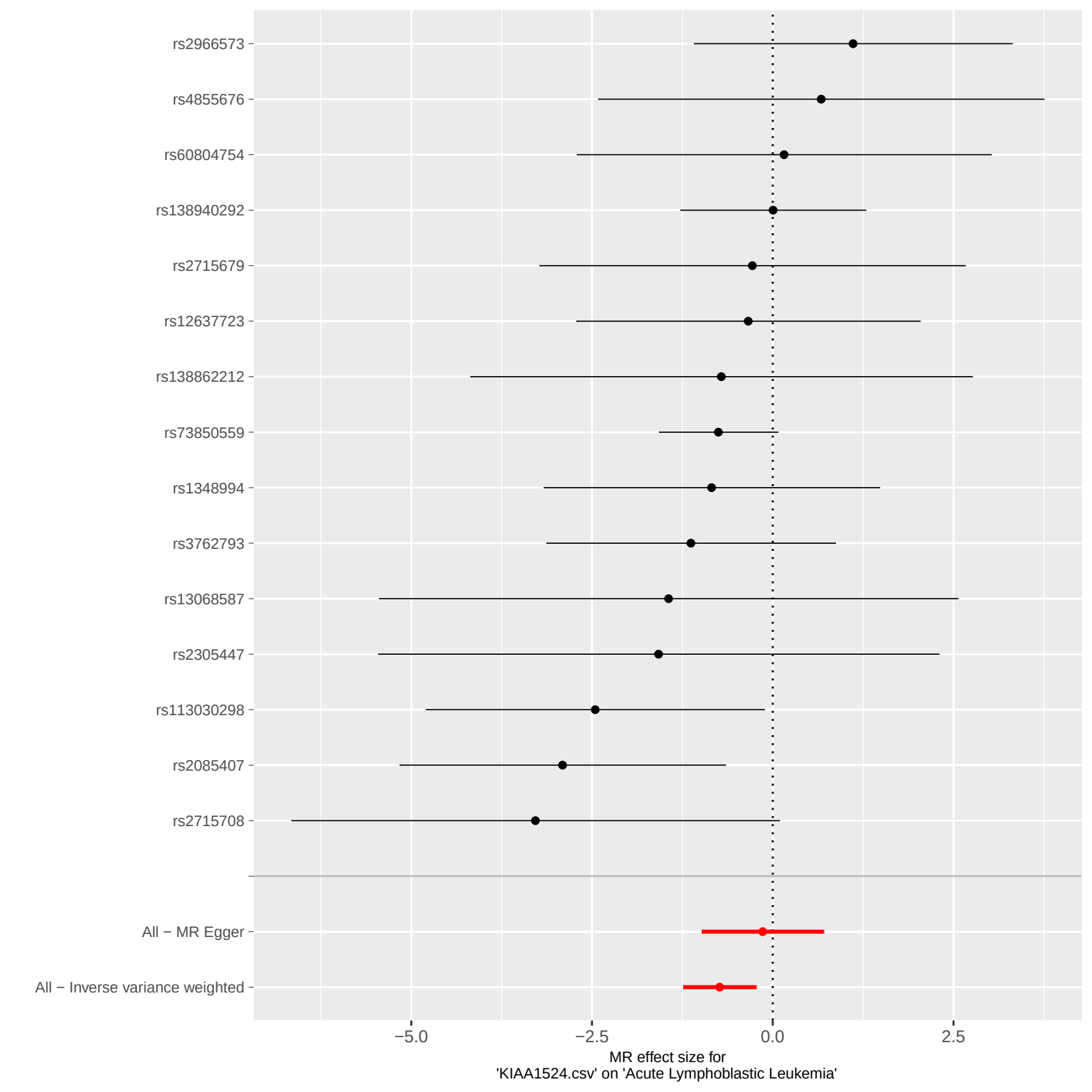
MR effect size for
'KIAA1522.csv' on 'Acute Lymphoblastic Leukemia'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rs12637723
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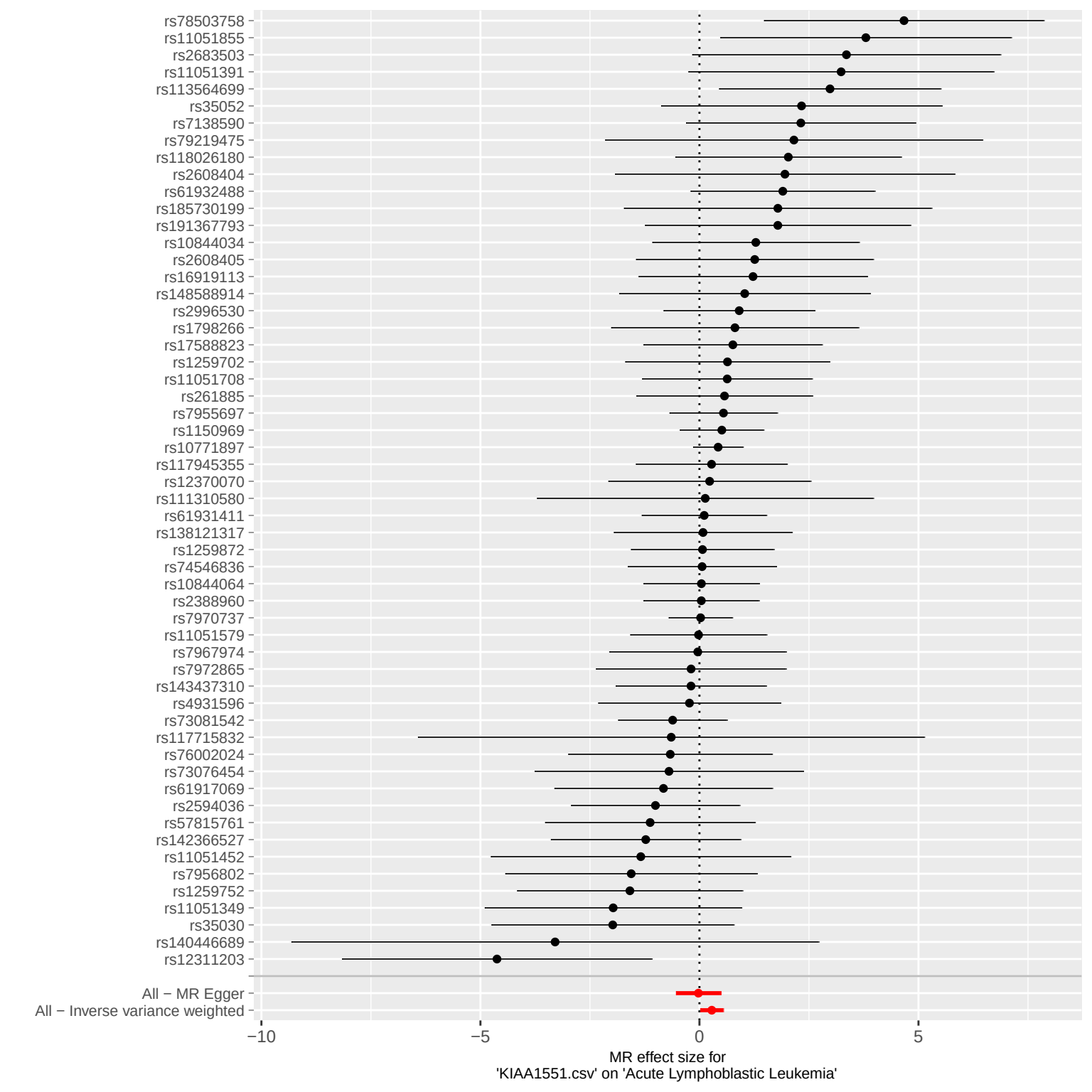
rs73850559
rs1348994
rs3762793
rs13068587
rs2305447
rs113030298
rs2085407
rs2715708
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'KIAA1524.csv' on 'Acute Lymphoblastic Leukemia'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rs2594036
rs57815761
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rs7956802
rs1259752
rs11051349
rs35030
rs140446689
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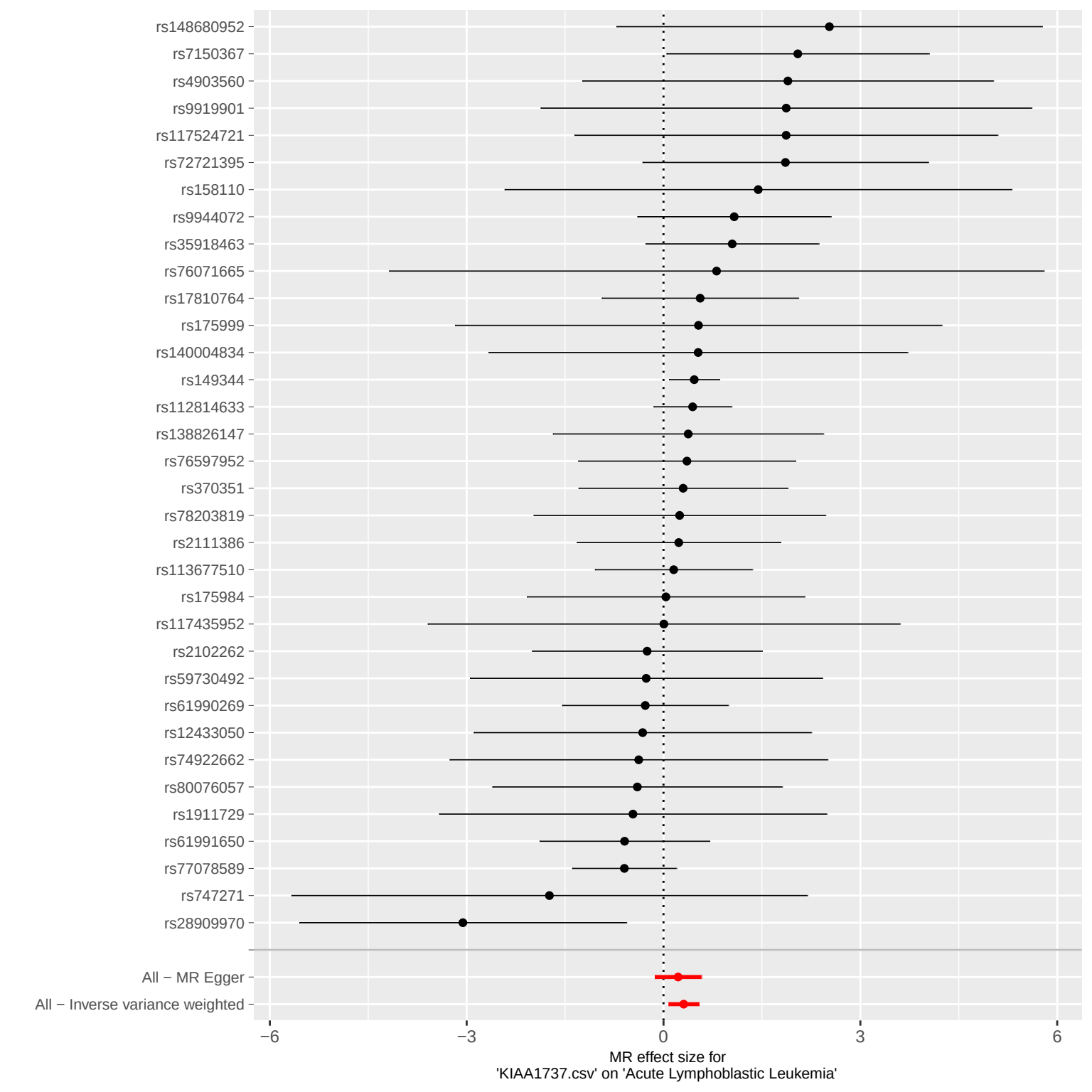
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'KIAA1551.csv' on 'Acute Lymphoblastic Leukemia'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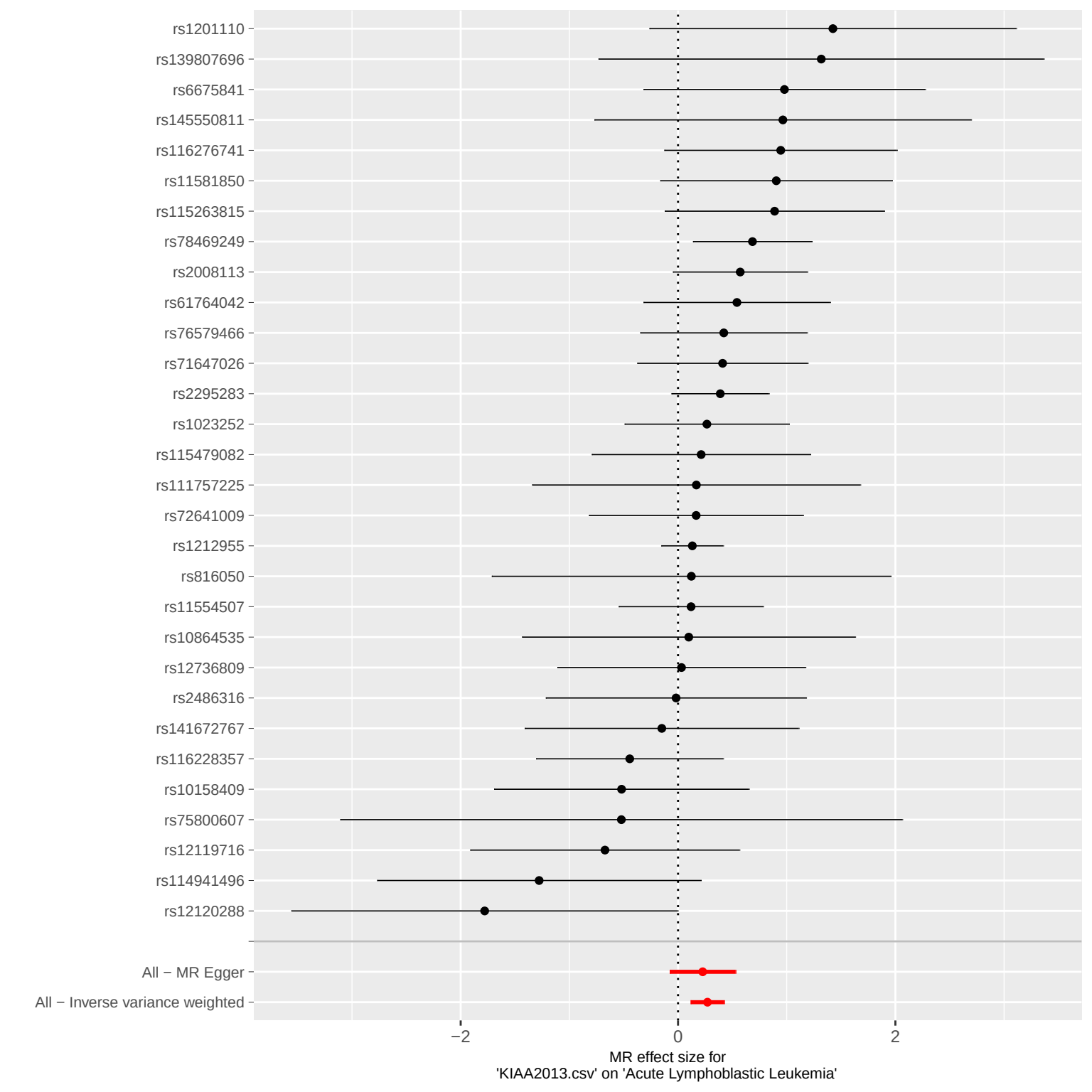
rs149344
rs112814633
rs138826147
rs76597952
rs370351
rs78203819
rs2111386
rs113677510
rs175984
rs117435952
rs2102262
rs59730492
rs61990269
rs12433050
rs74922662
rs80076057
rs1911729
rs61991650
rs77078589
rs747271
rs28909970
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'KIAA1737.csv' on 'Acute Lymphoblastic Leukemia'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rs71647026
rs2295283
rs1023252
rs115479082
rs111757225
rs72641009
rs1212955
rs816050
rs11554507
rs10864535
rs12736809
rs2486316
rs141672767
rs116228357
rs10158409
rs75800607
rs12119716
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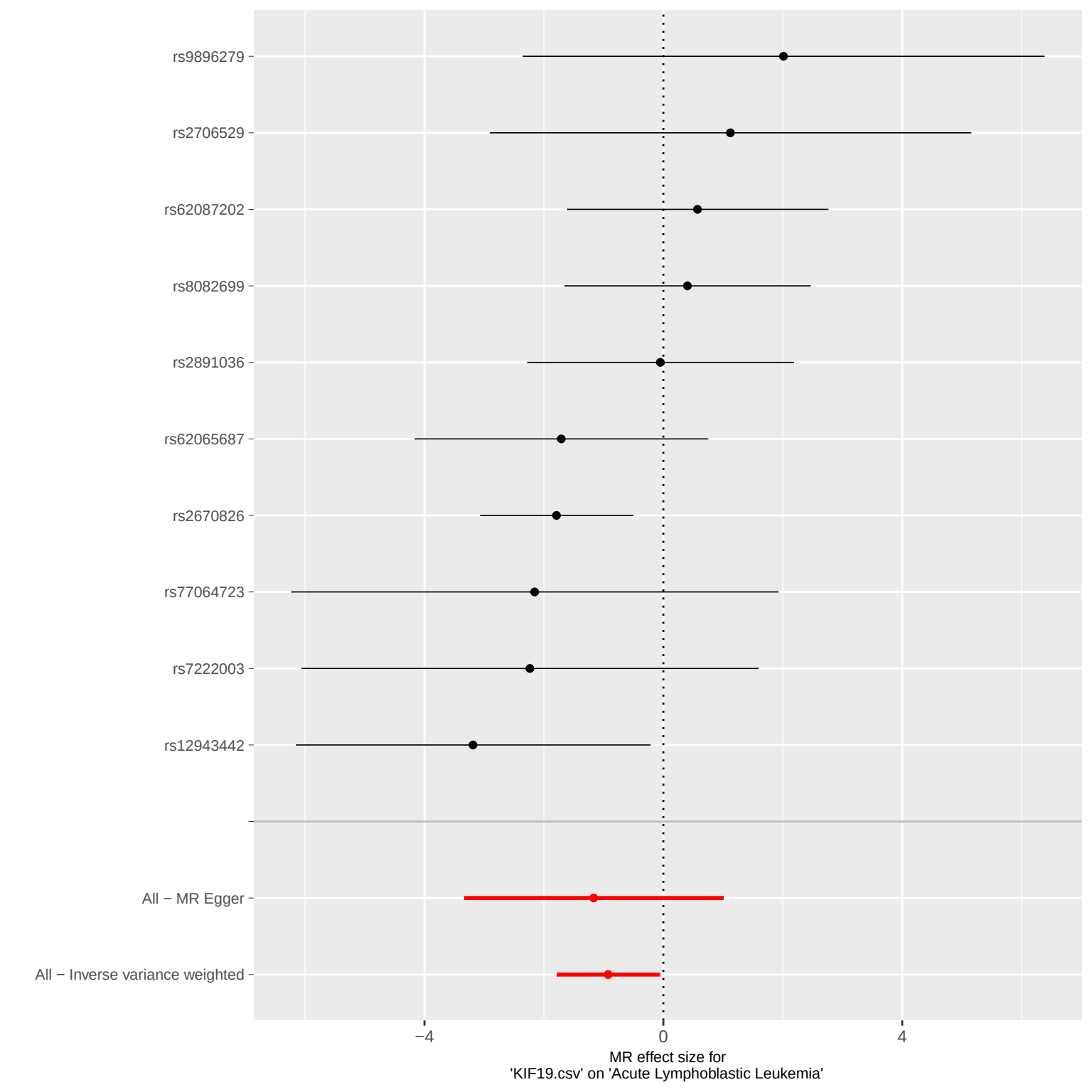
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'KIAA2013.csv' on 'Acute Lymphoblastic Leukemia'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rs2706529
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rs2891036
rs62065687
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rs77064723
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All − MR Egger
All − Inverse variance weighted
−4
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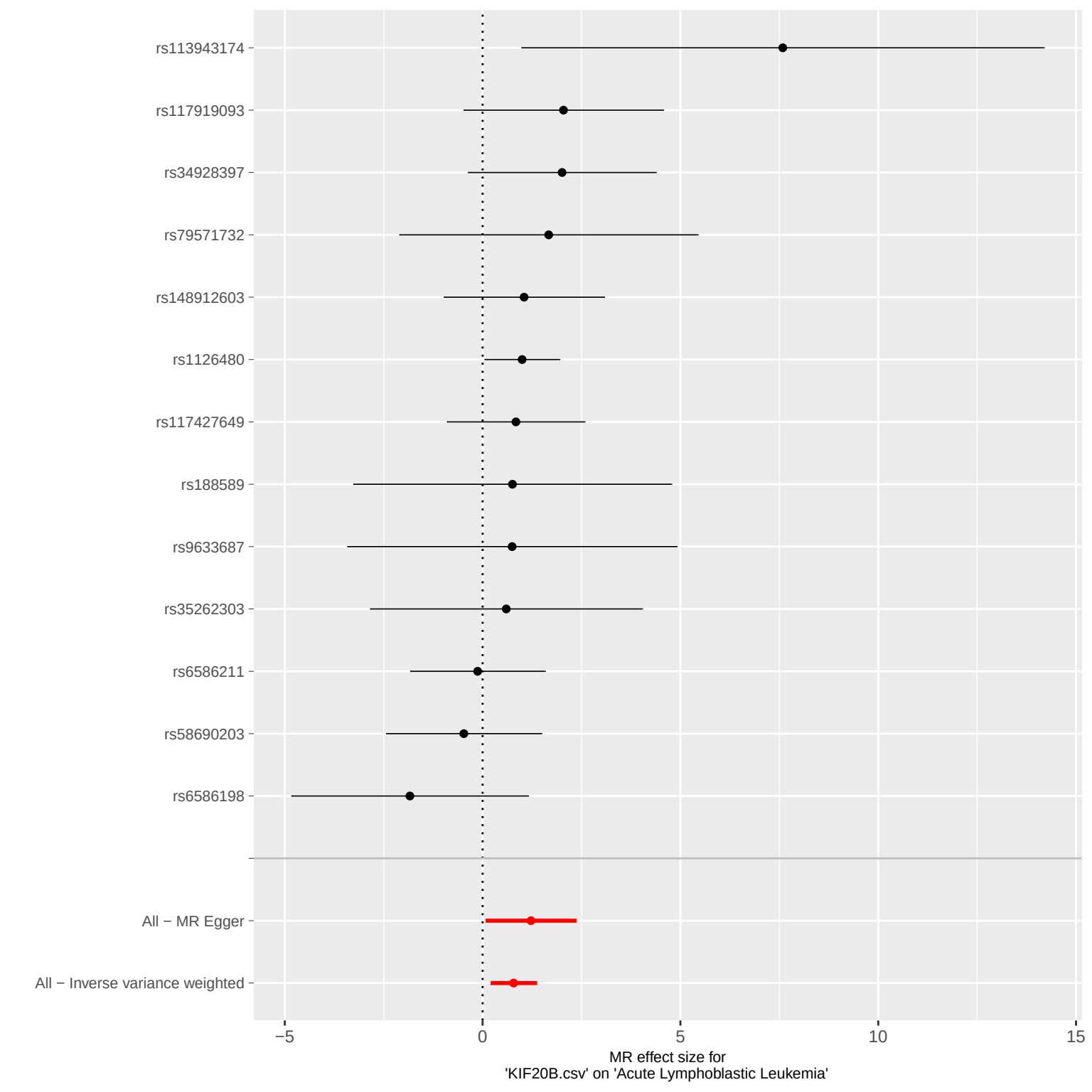
4
MR effect size for
'KIF19.csv' on 'Acute Lymphoblastic Leukemia'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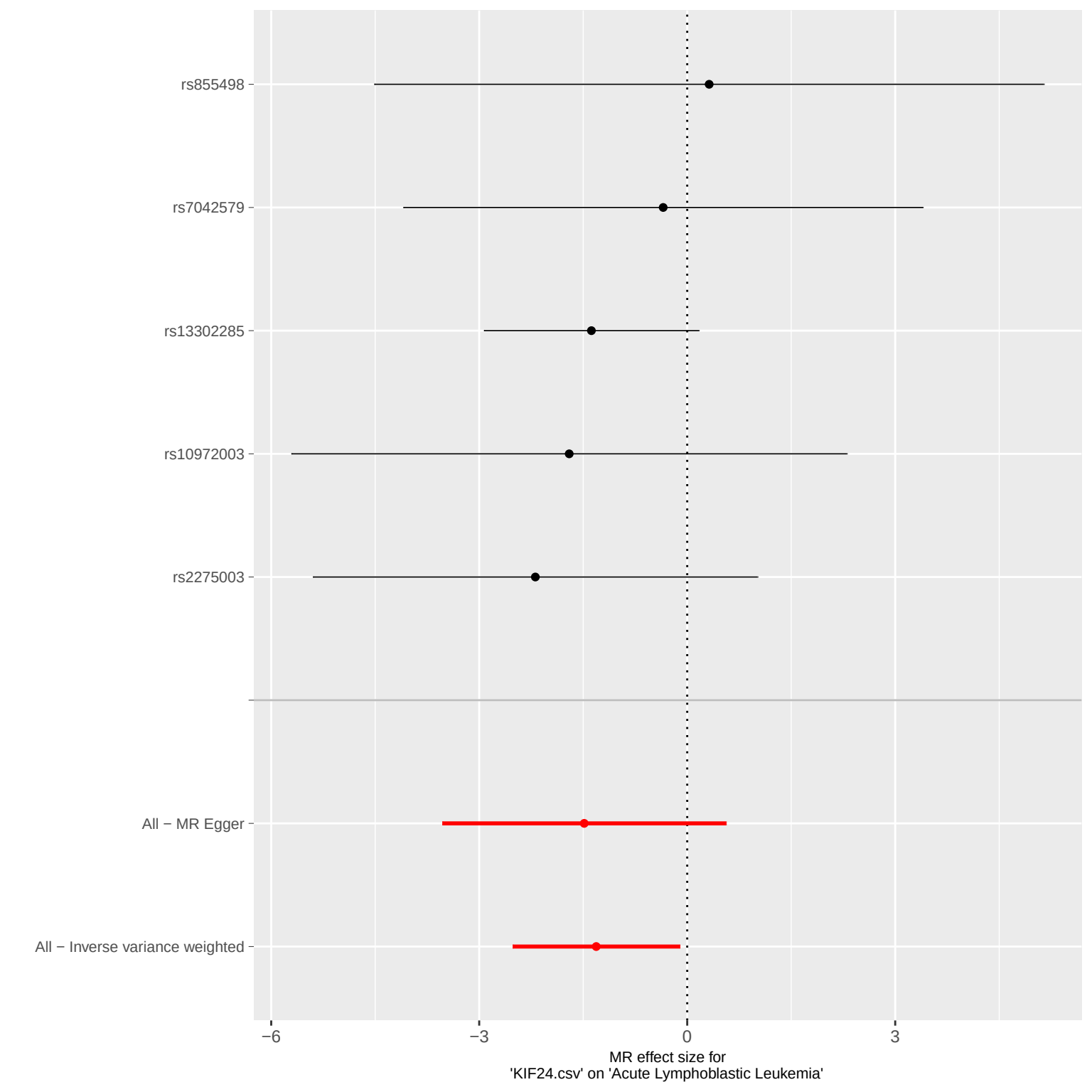
rs79571732
rs148912603
rs1126480
rs117427649
rs188589
rs9633687
rs35262303
rs6586211
rs58690203
rs6586198
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'KIF20B.csv' on 'Acute Lymphoblastic Leukemia'


rs855498
rs7042579
rs13302285
rs10972003
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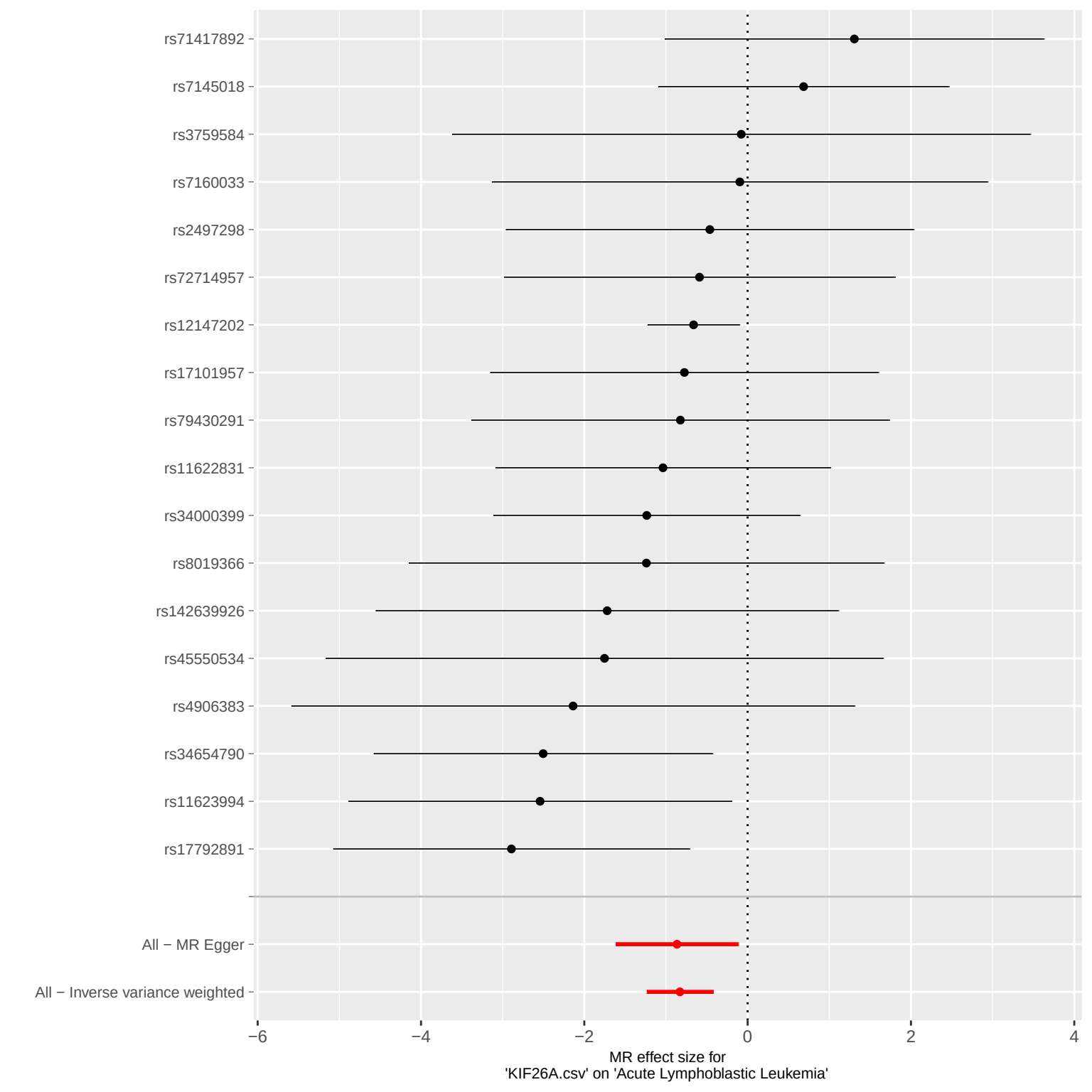
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'KIF24.csv' on 'Acute Lymphoblastic Leukemia'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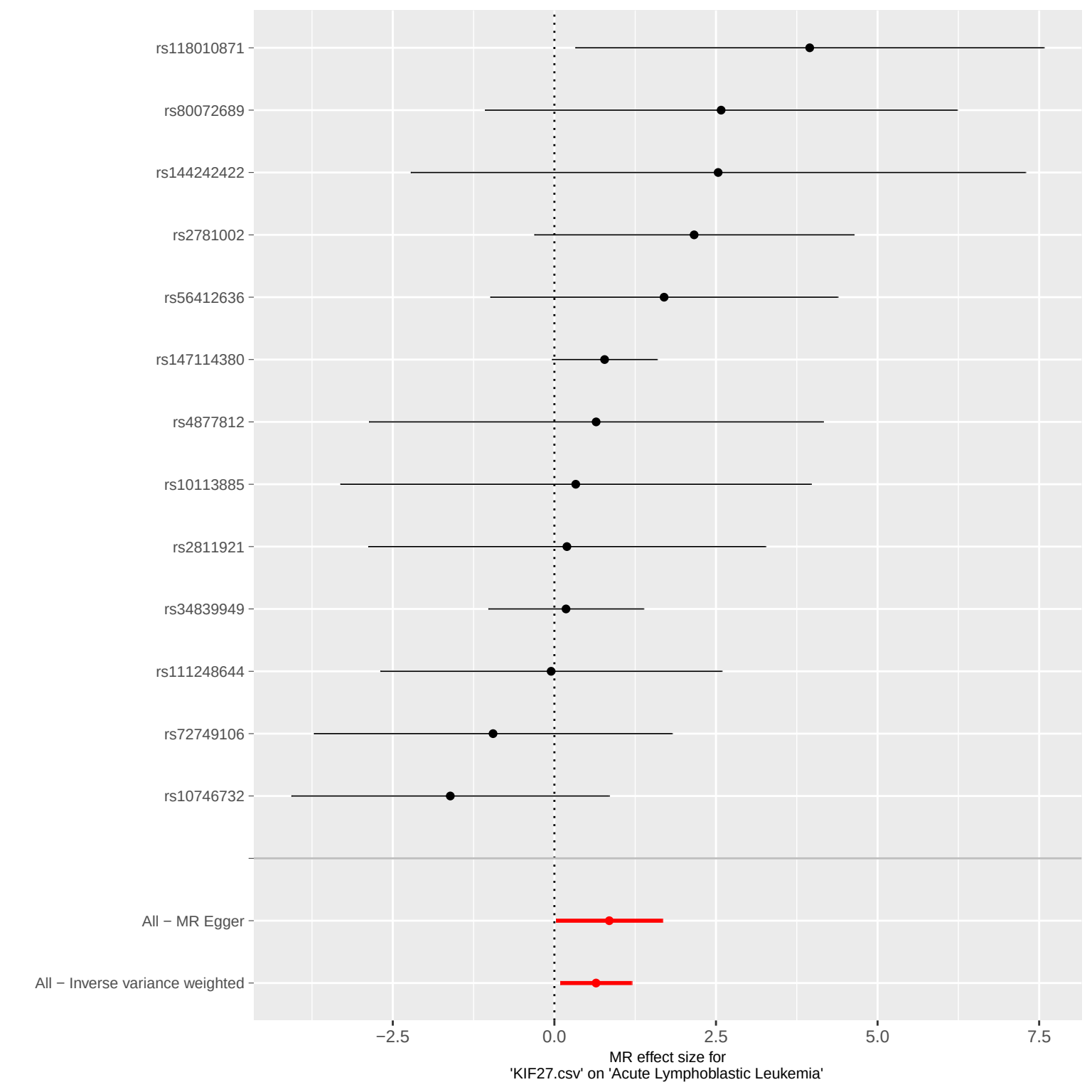
rs8019366
rs142639926
rs45550534
rs4906383
rs34654790
rs11623994
rs17792891
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'KIF26A.csv' on 'Acute Lymphoblastic Leukemia'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rs10113885
rs2811921
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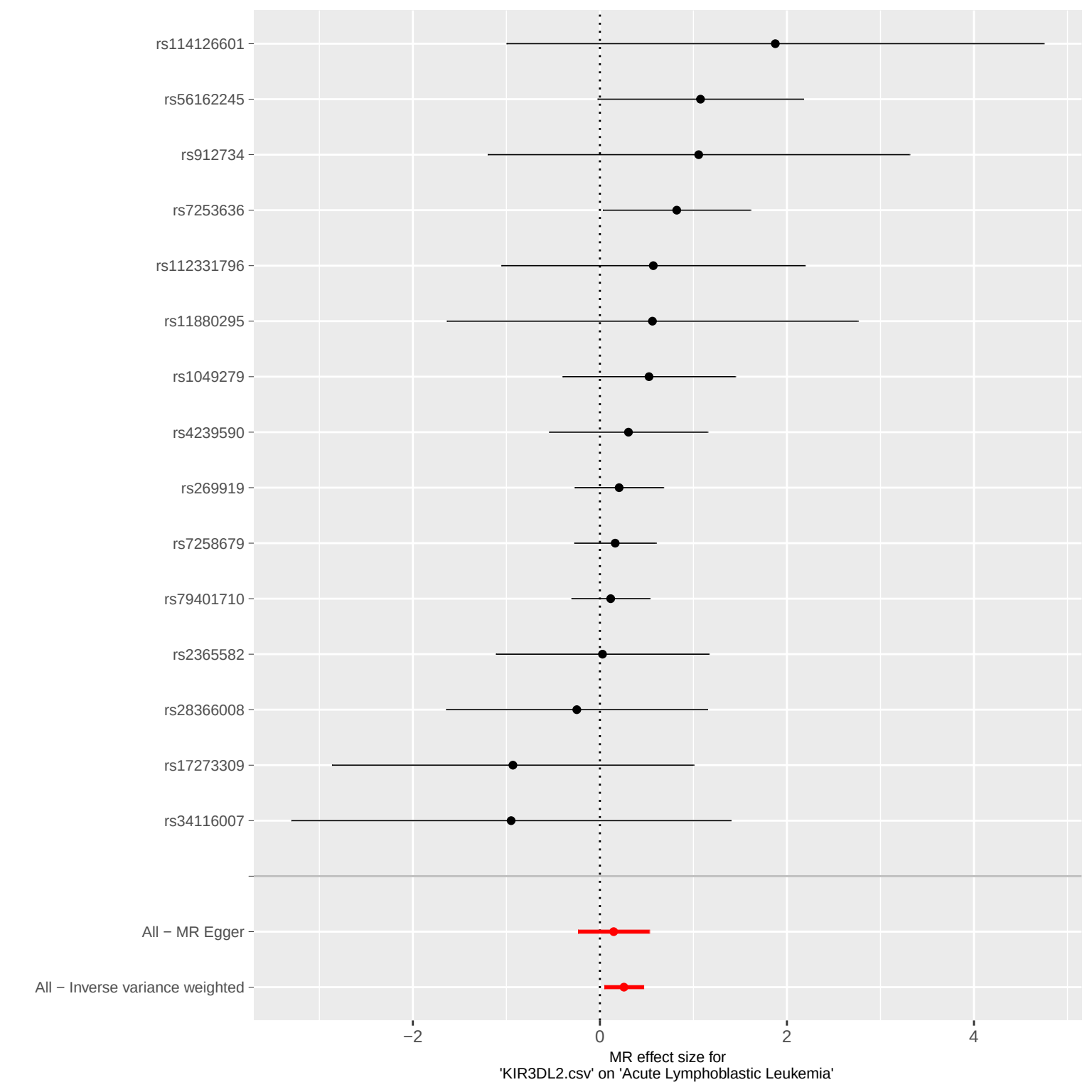
rs111248644
rs72749106
rs10746732
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'KIF27.csv' on 'Acute Lymphoblastic Leukemia'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rs269919
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rs79401710
rs2365582
rs28366008
rs17273309
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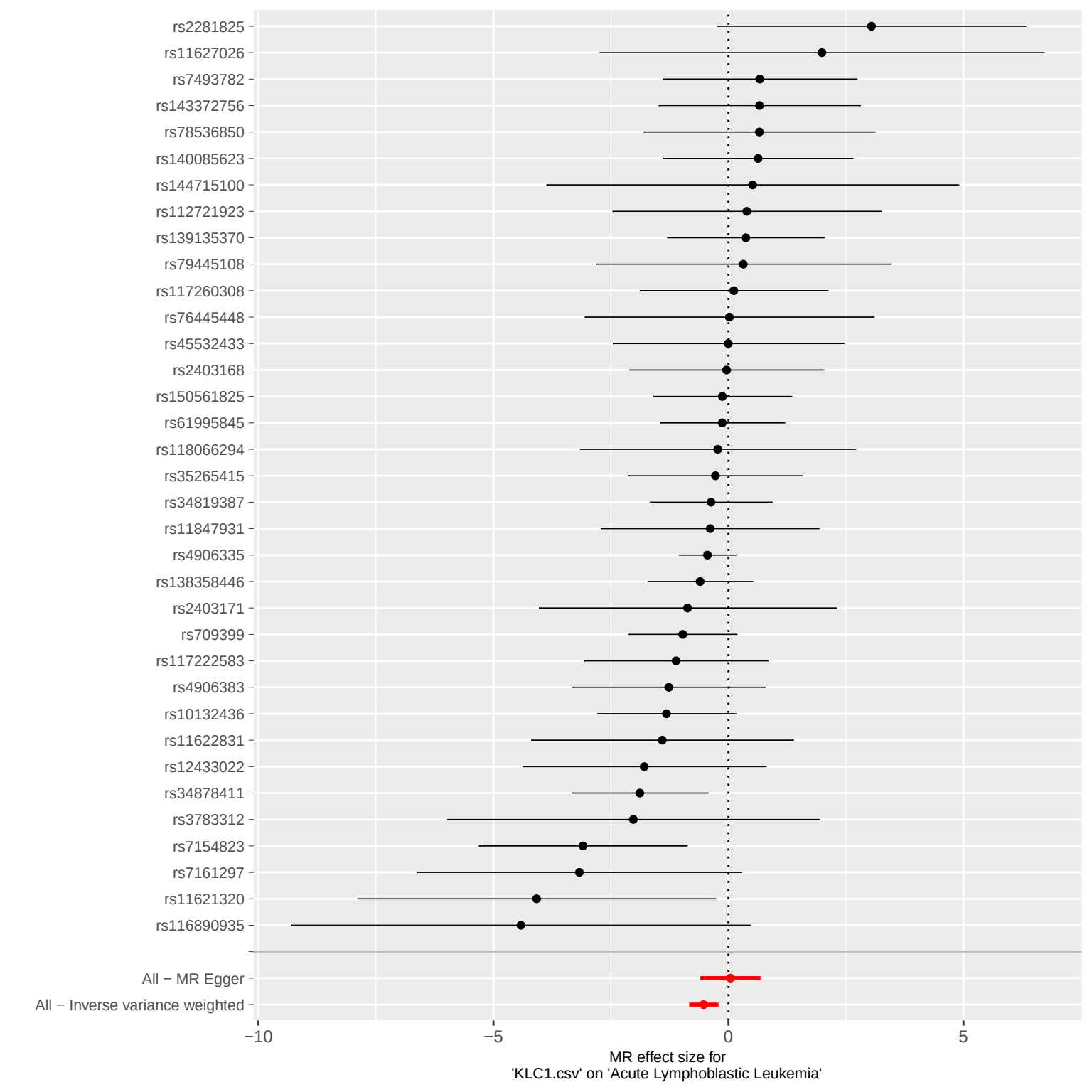
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'KIR3DL2.csv' on 'Acute Lymphoblastic Leukemia'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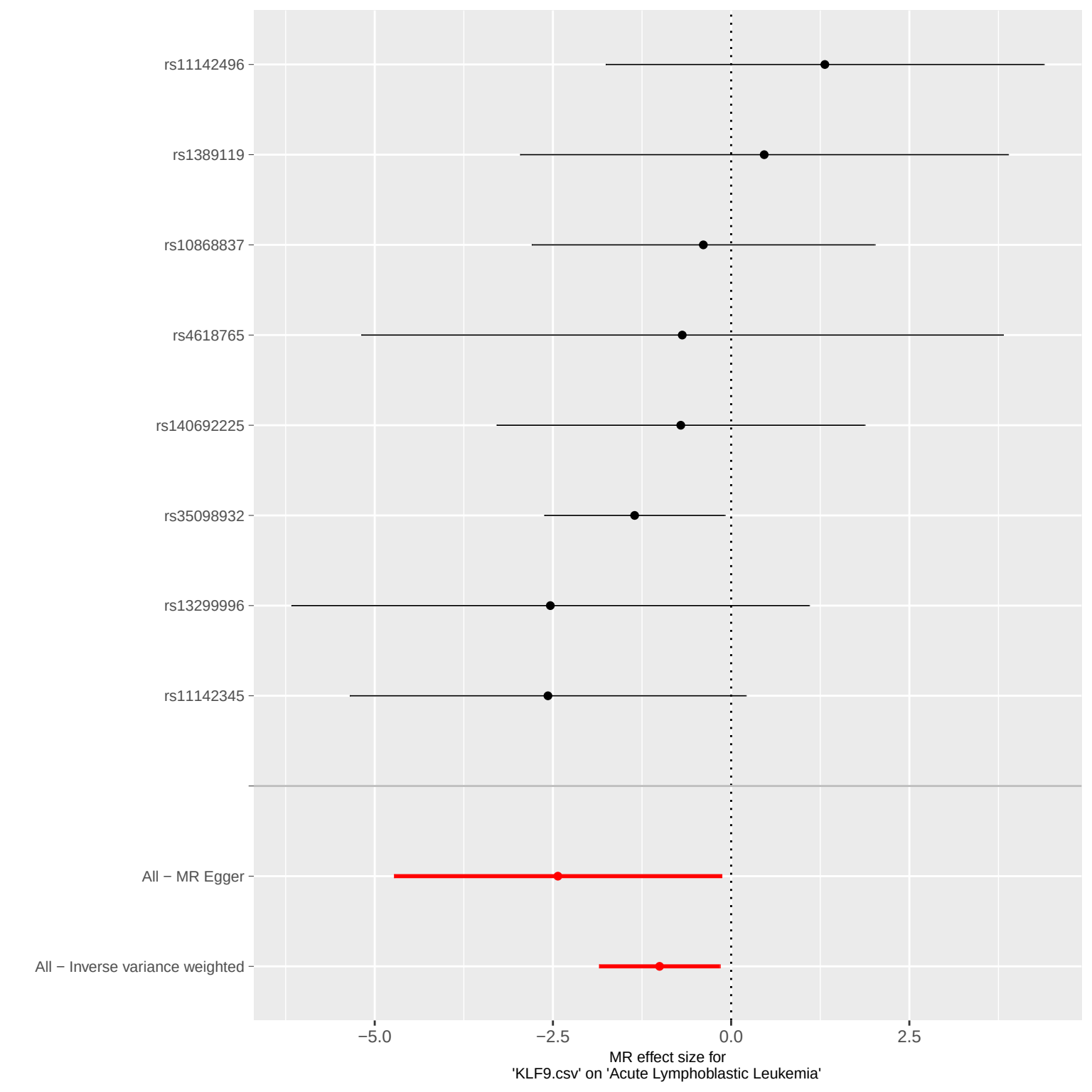
rs34878411
rs3783312
rs7154823
rs7161297
rs11621320
rs116890935
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'KLC1.csv' on 'Acute Lymphoblastic Leukemia'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rs35098932
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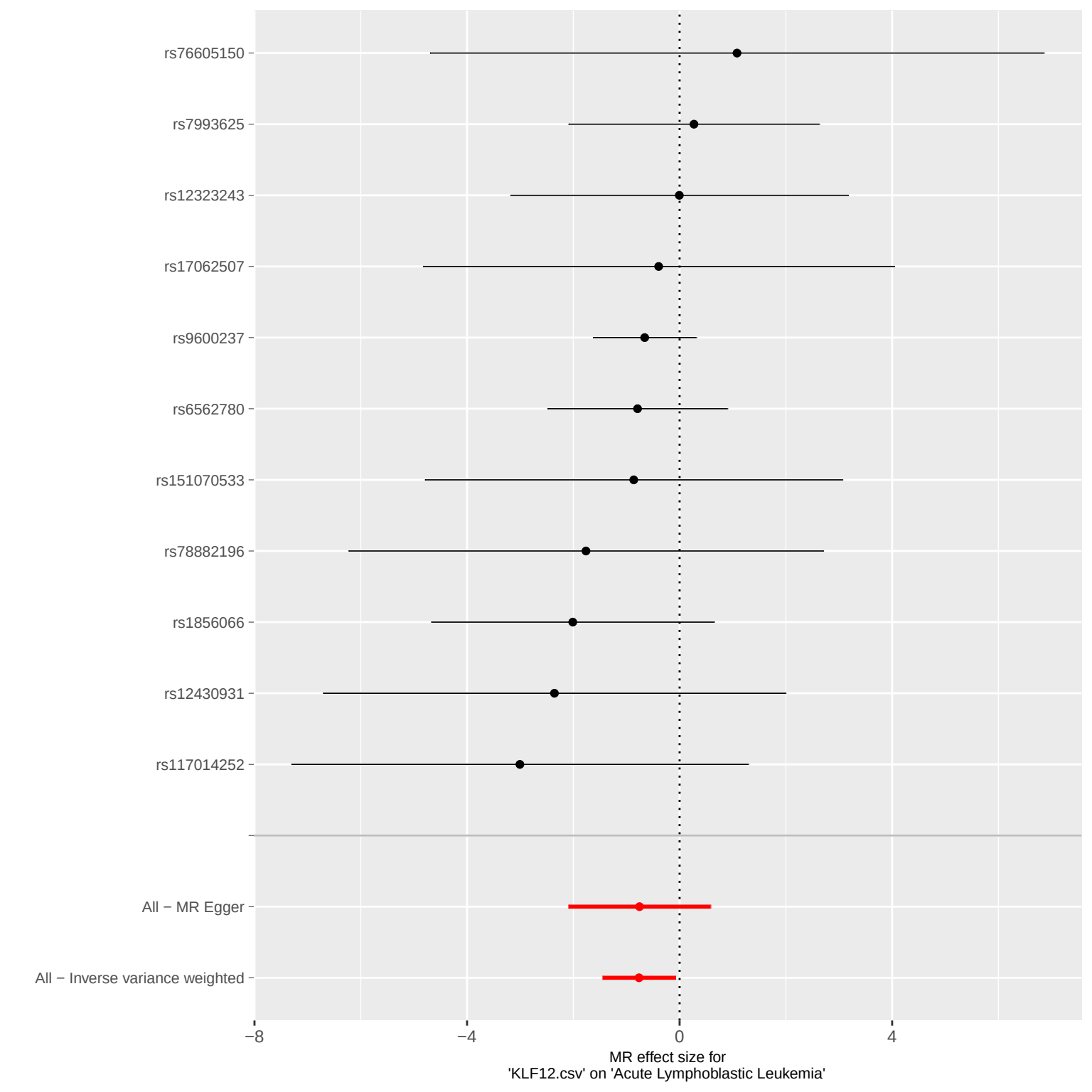
rs11142345
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'KLF9.csv' on 'Acute Lymphoblastic Leukemia'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rs12430931
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All − MR Egger
All − Inverse variance weighted
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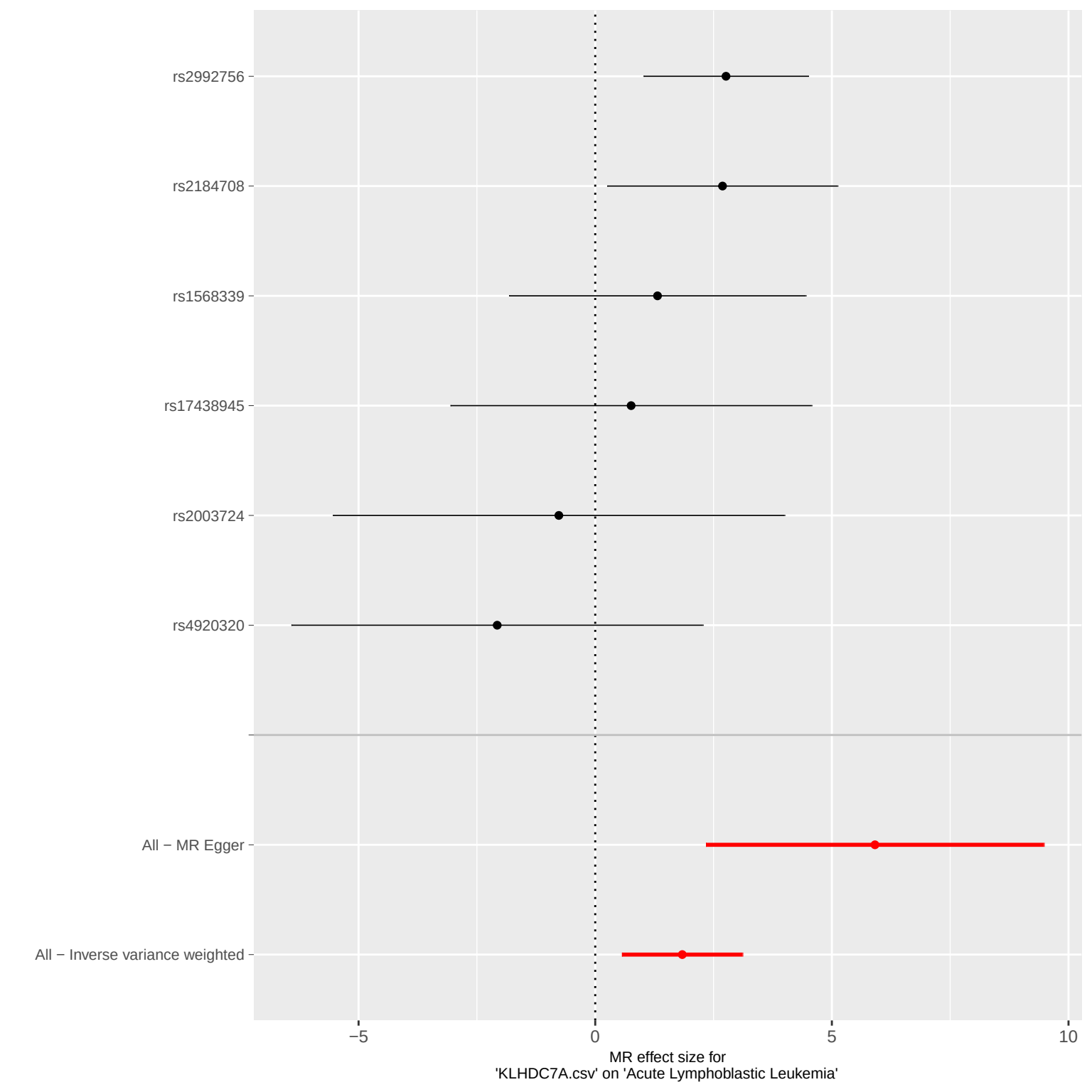
−4
0
4
MR effect size for
'KLF12.csv' on 'Acute Lymphoblastic Leukemia'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rs17438945
rs2003724
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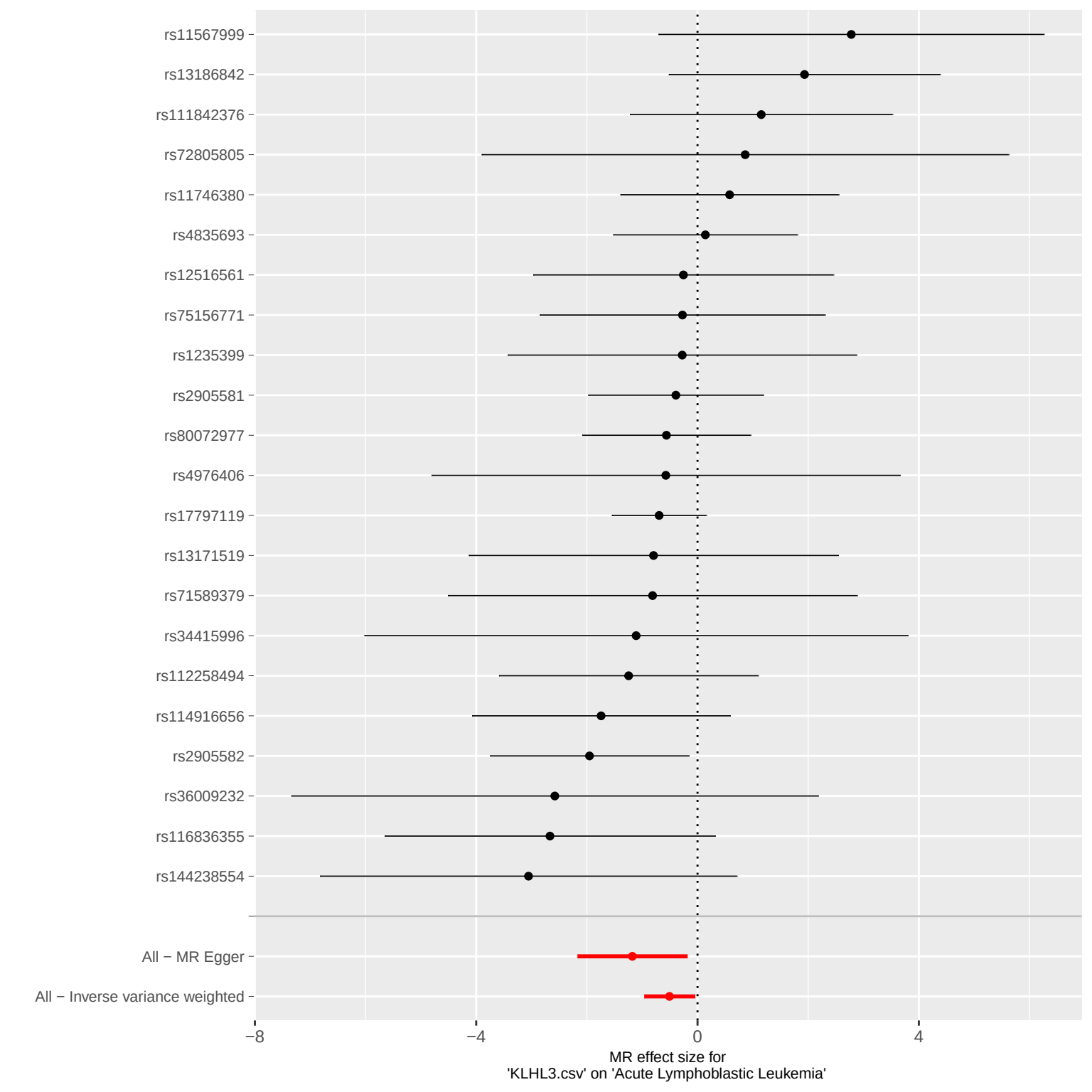
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'KLHDC7A.csv' on 'Acute Lymphoblastic Leukemia'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rs34415996
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rs114916656
rs2905582
rs36009232
rs116836355
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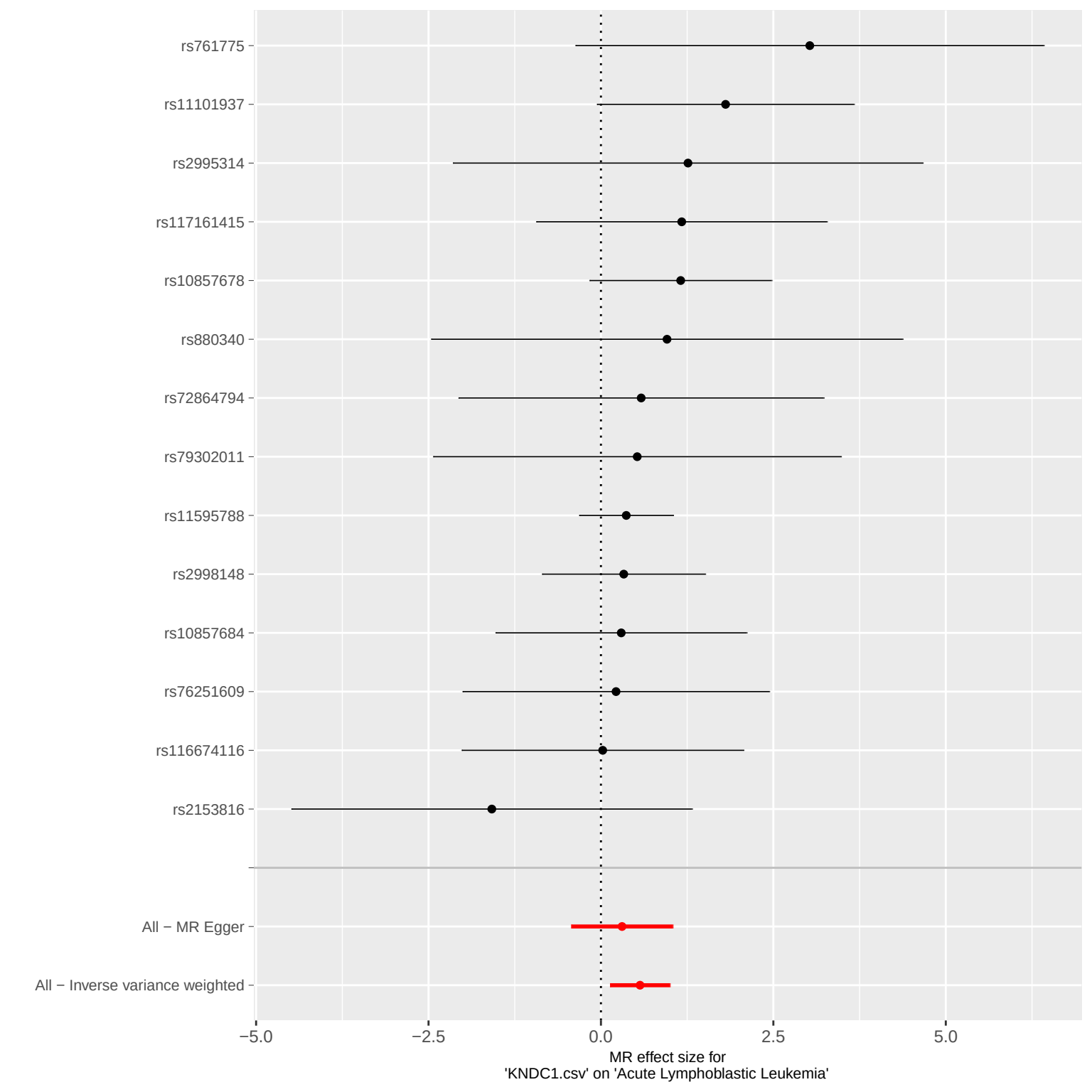
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'KLHL3.csv' on 'Acute Lymphoblastic Leukemia'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rs76251609
rs116674116
rs2153816
All − MR Egger
All − Inverse variance weighted
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−2.5
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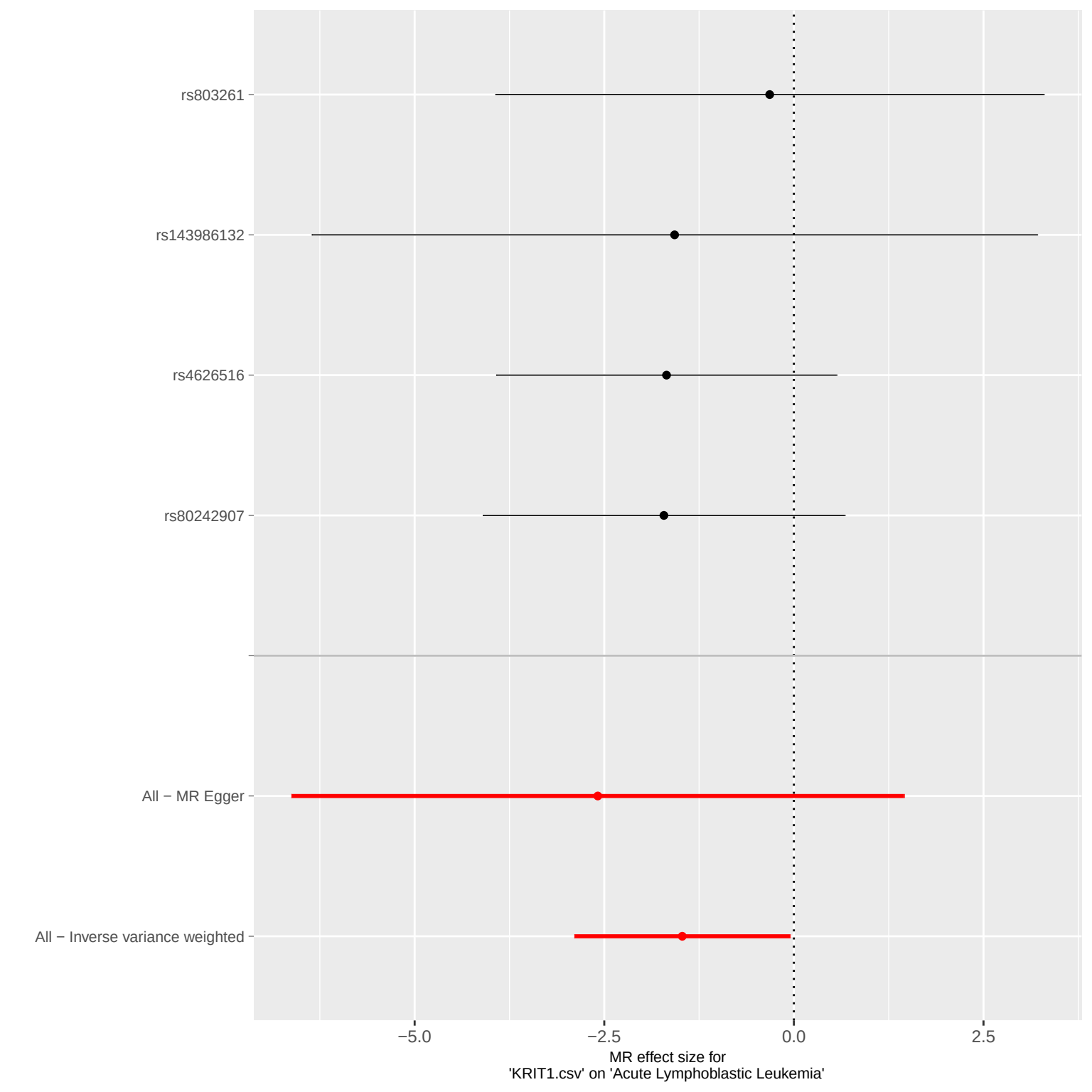
2.5
5.0
MR effect size for
'KNDC1.csv' on 'Acute Lymphoblastic Leukemia'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rs80242907
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All − Inverse variance weighted
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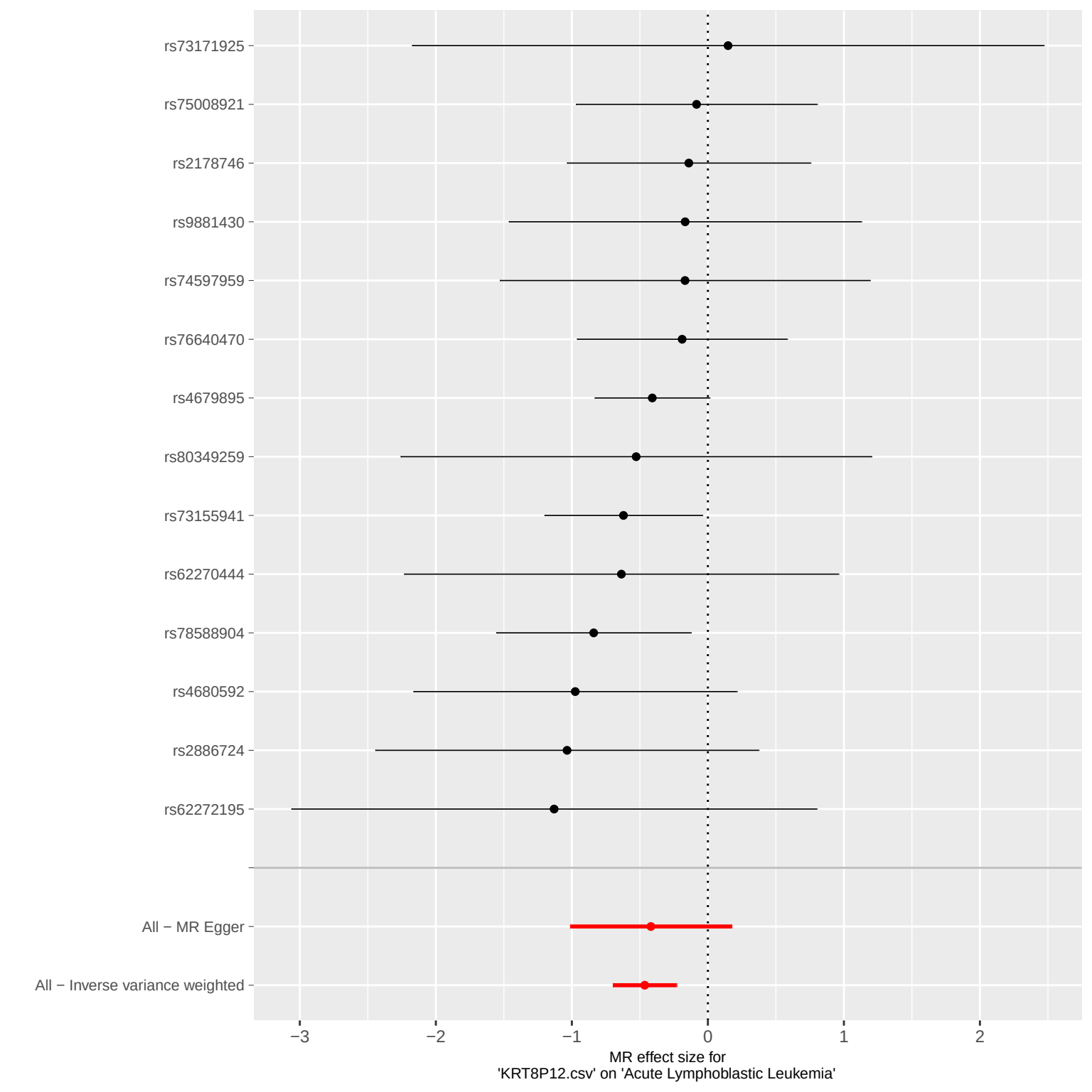
−2.5
0.0
2.5
MR effect size for
'KRIT1.csv' on 'Acute Lymphoblastic Leukemia'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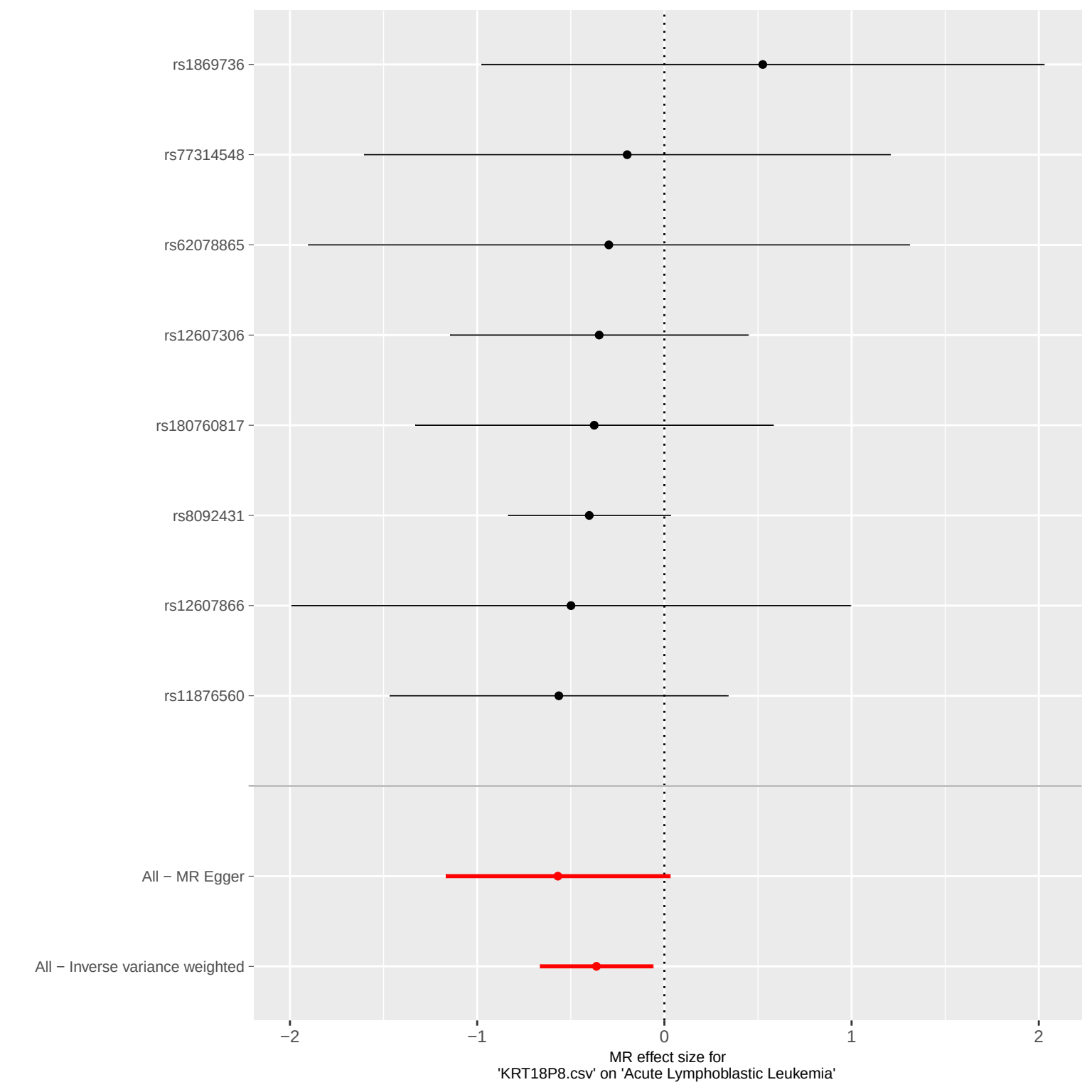
rs78588904
rs4680592
rs2886724
rs62272195
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'KRT8P12.csv' on 'Acute Lymphoblastic Leukemia'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rs12607306
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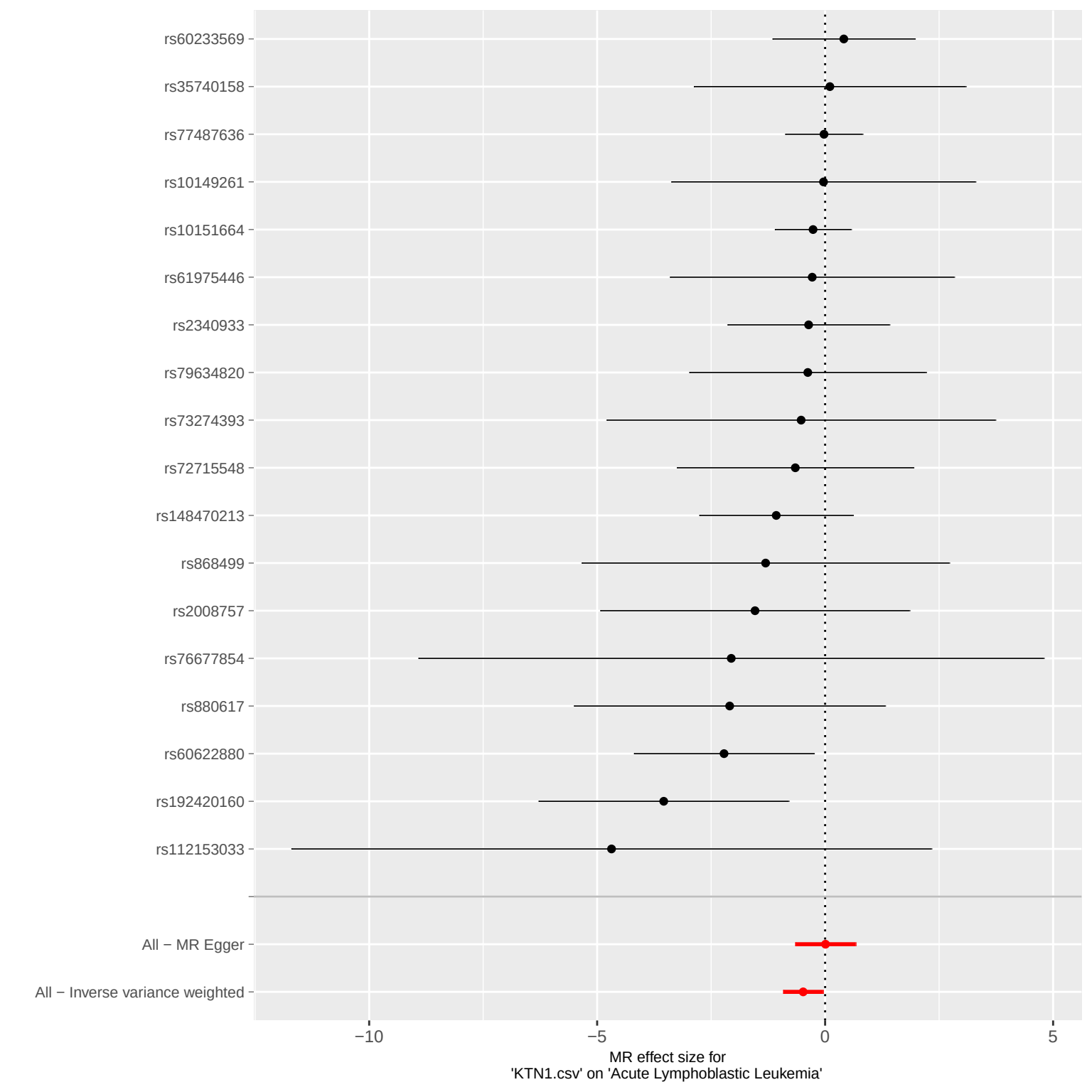
rs8092431
rs12607866
rs11876560
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'KRT18P8.csv' on 'Acute Lymphoblastic Leukemia'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rs2008757
rs76677854
rs880617
rs60622880
rs192420160
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All − MR Egger
All − Inverse variance weighted
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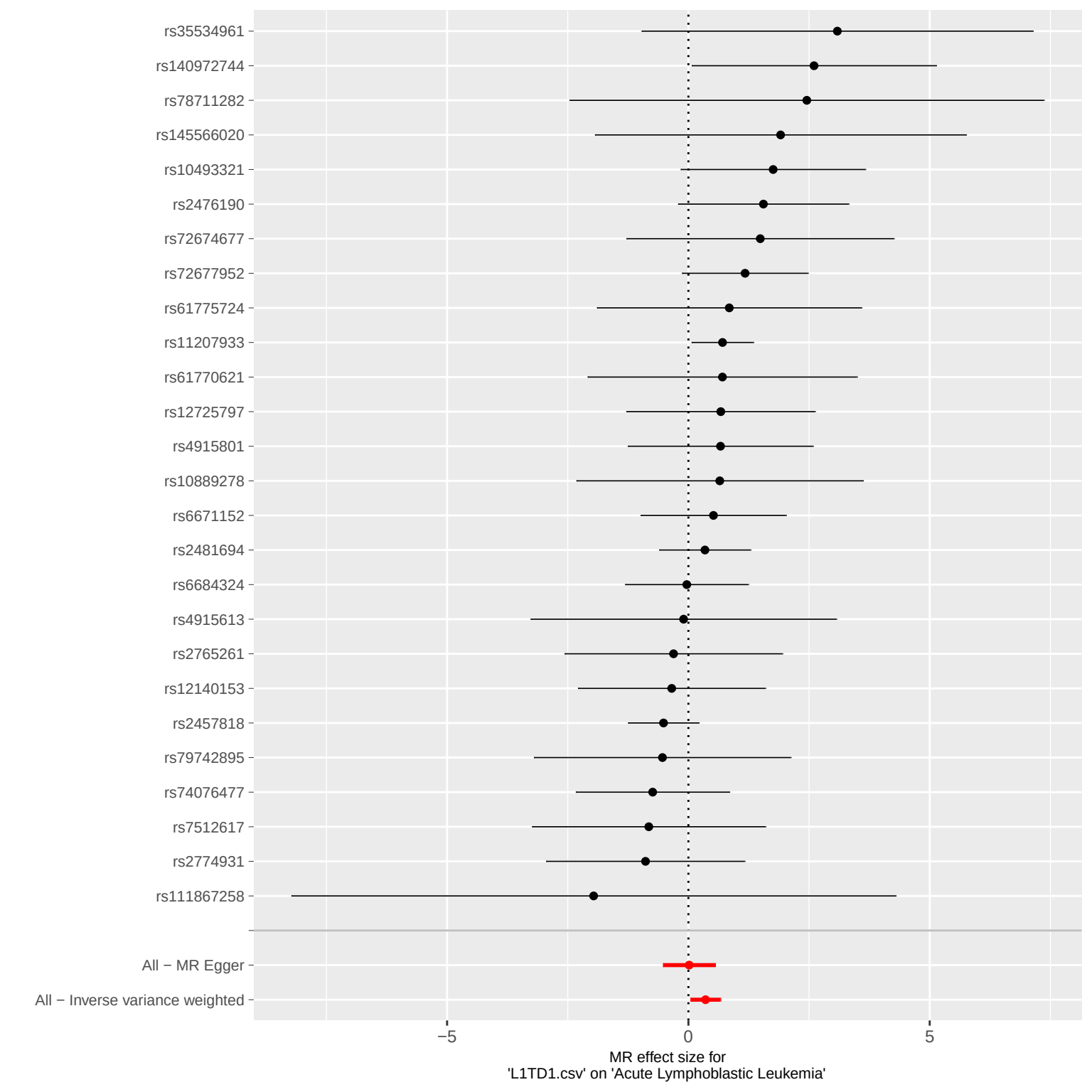
−5
0
5
MR effect size for
'KTN1.csv' on 'Acute Lymphoblastic Leukemia'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rs7512617
rs2774931
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All − MR Egger
All − Inverse variance weighted
−5
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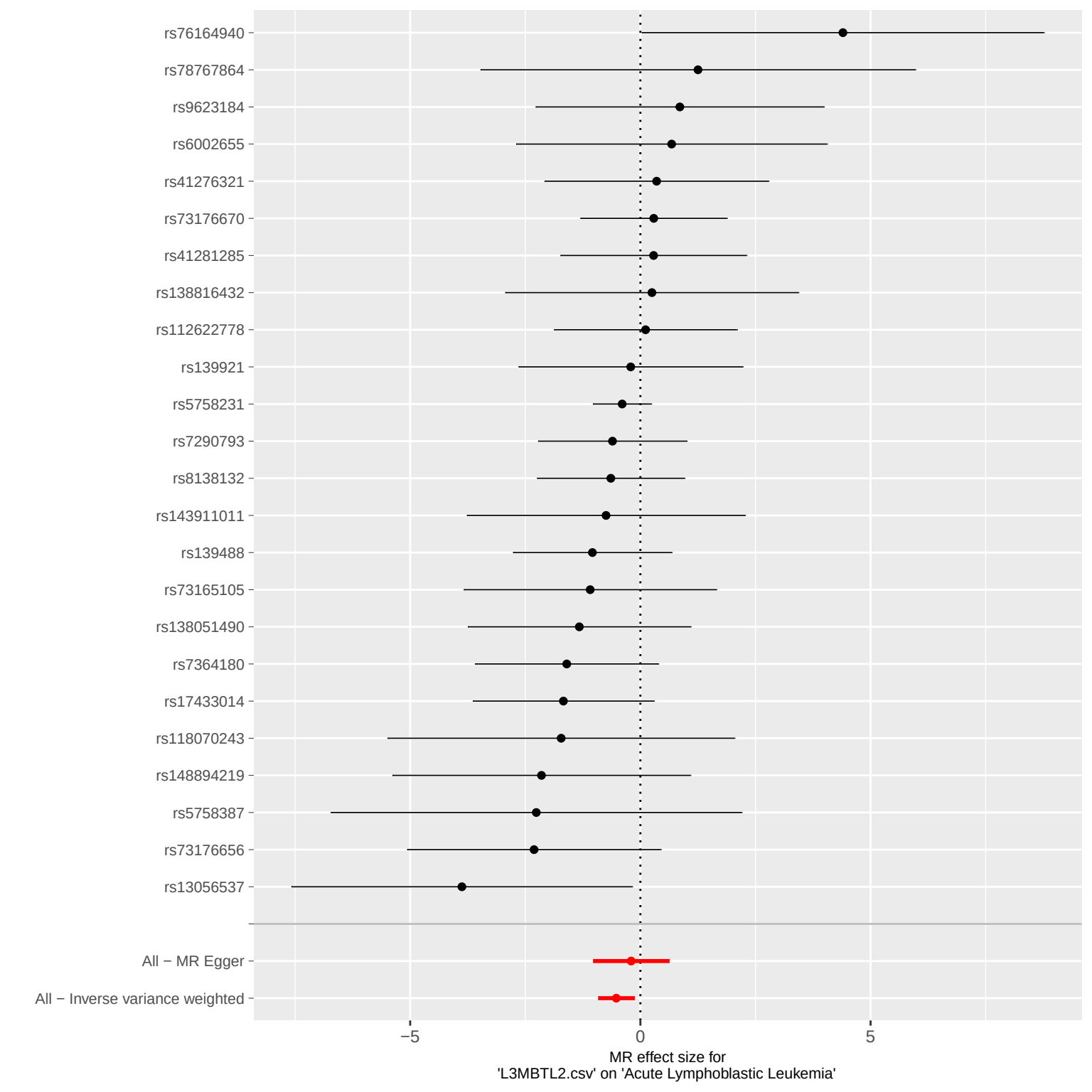
5
MR effect size for
'L1TD1.csv' on 'Acute Lymphoblastic Leukemia'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rs5758387
rs73176656
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All − MR Egger
All − Inverse variance weighted
−5
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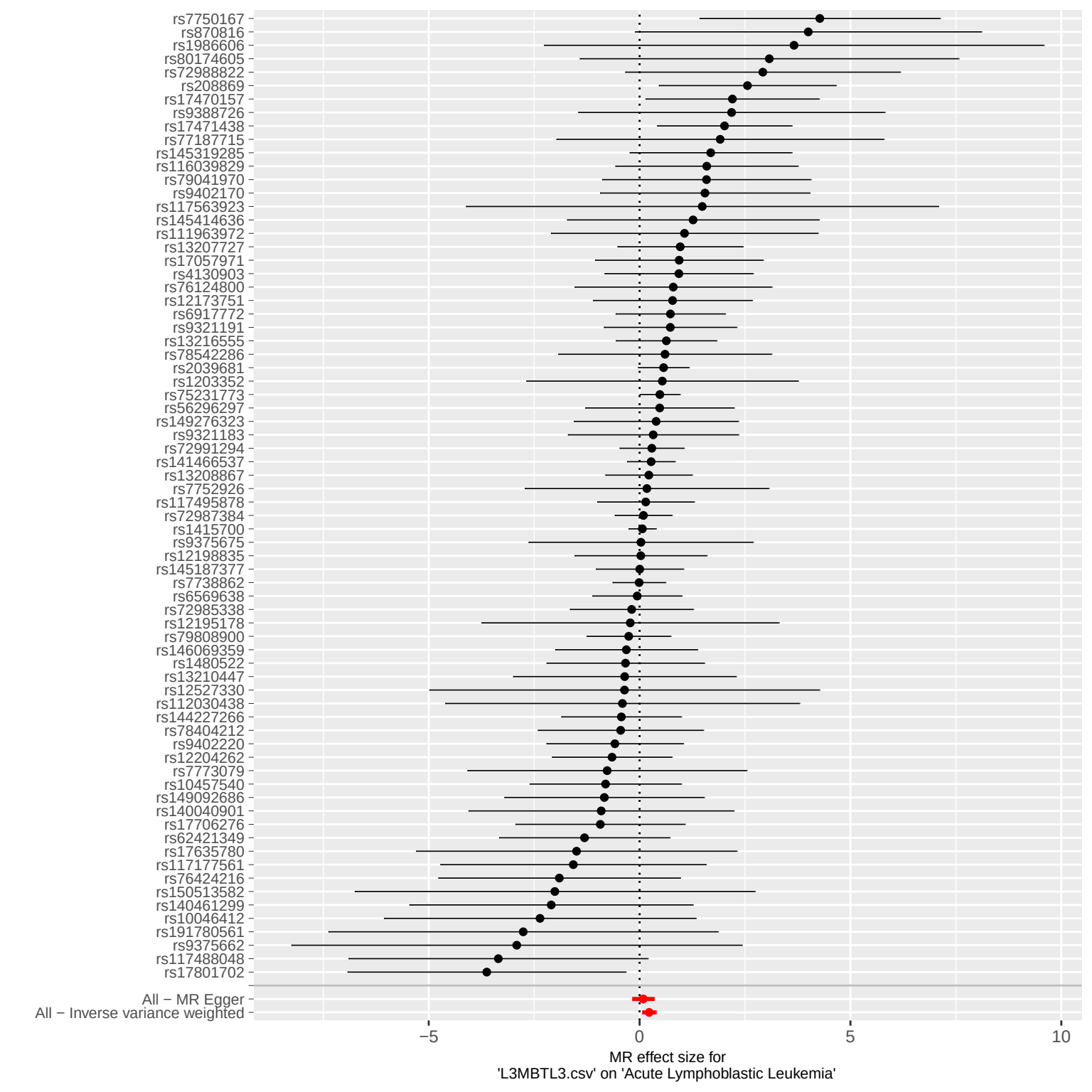
5
MR effect size for
'L3MBTL2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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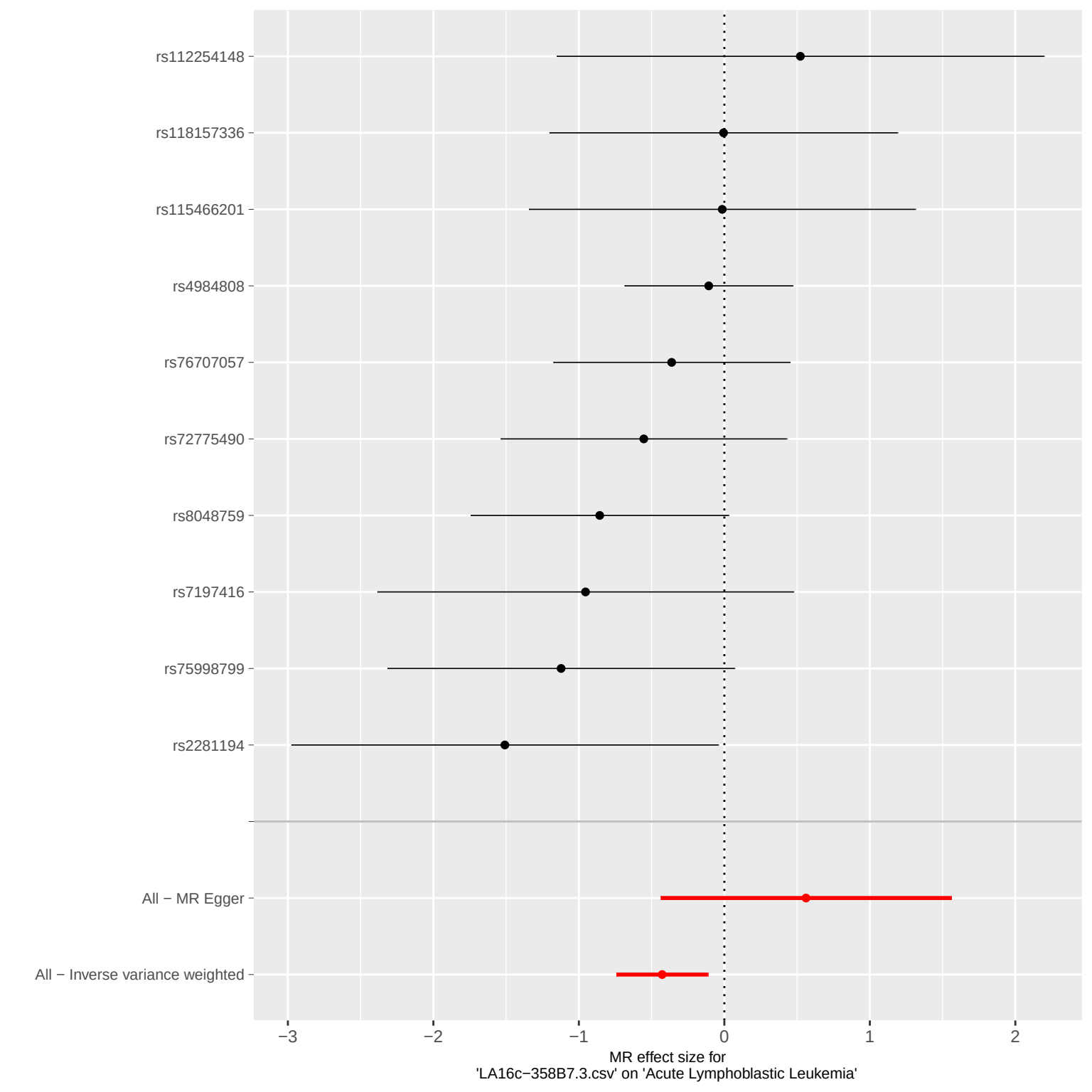
MR effect size for
'L3MBTL3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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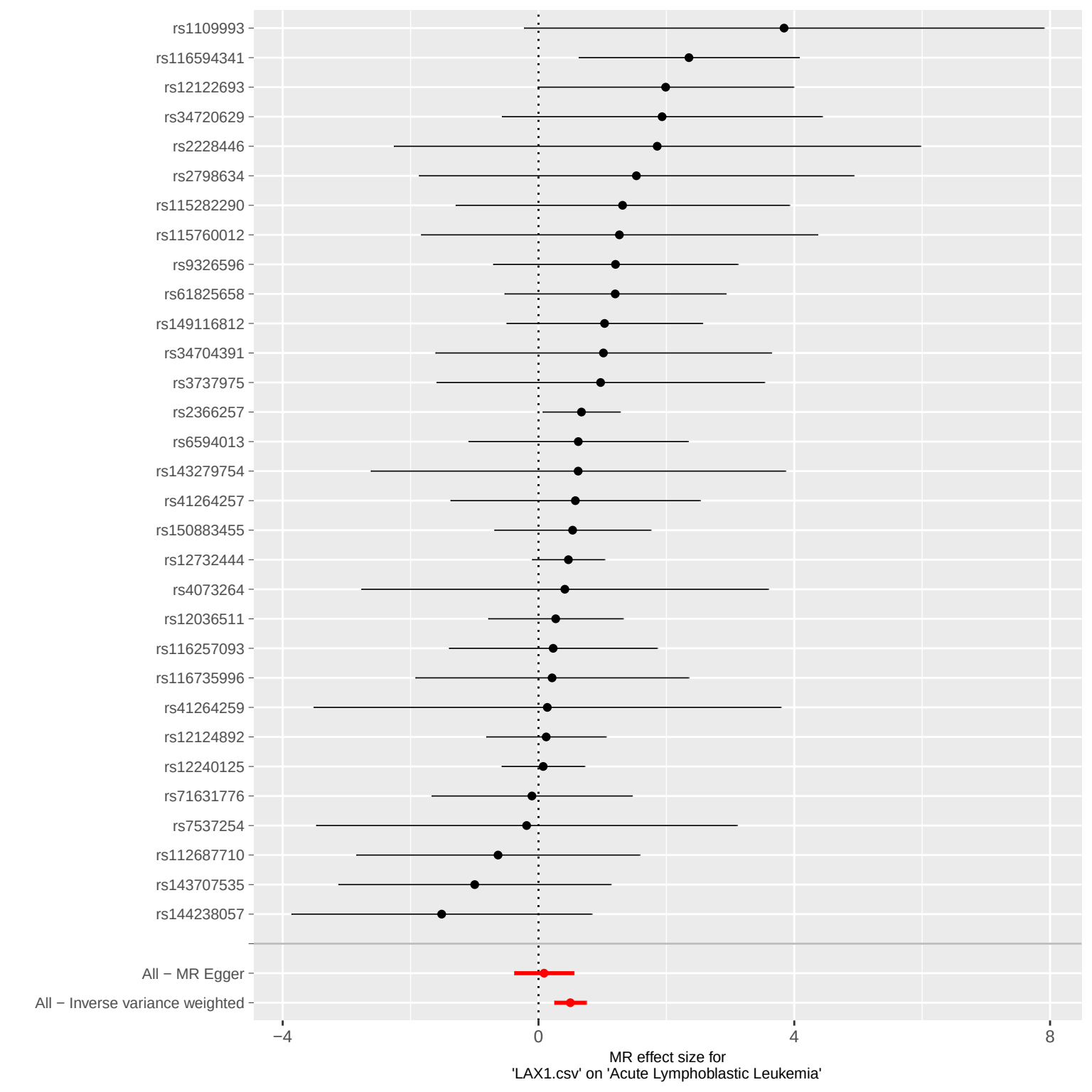
−2
−1
0
1
2
MR effect size for
'LA16c−358B7.3.csv' on 'Acute Lymphoblastic Leukemia'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rs71631776
rs7537254
rs112687710
rs143707535
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All − MR Egger
All − Inverse variance weighted
−4
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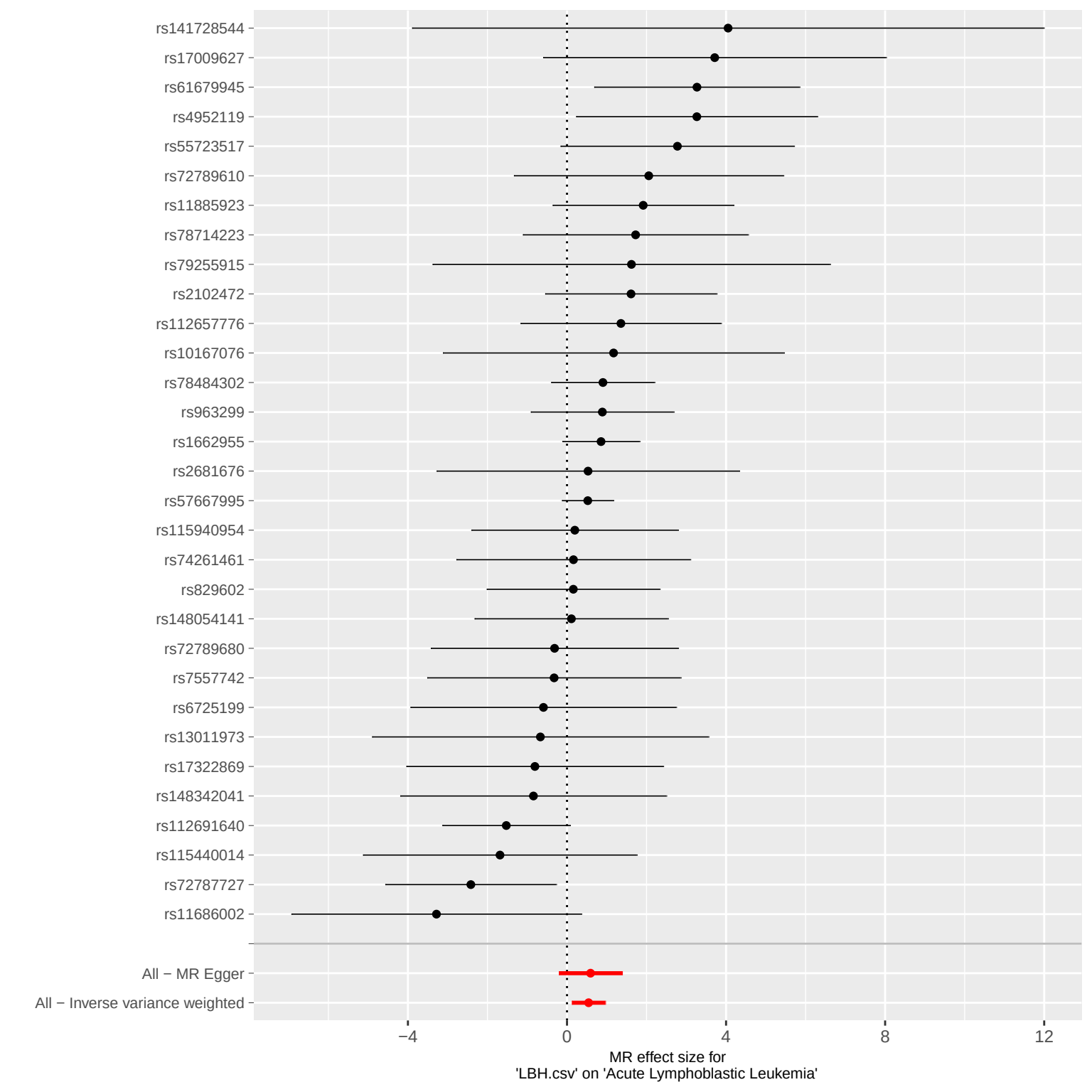
4
8
MR effect size for
'LAX1.csv' on 'Acute Lymphoblastic Leukemia'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rs1662955
rs2681676
rs57667995
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rs148054141
rs72789680
rs7557742
rs6725199
rs13011973
rs17322869
rs148342041
rs112691640
rs115440014
rs72787727
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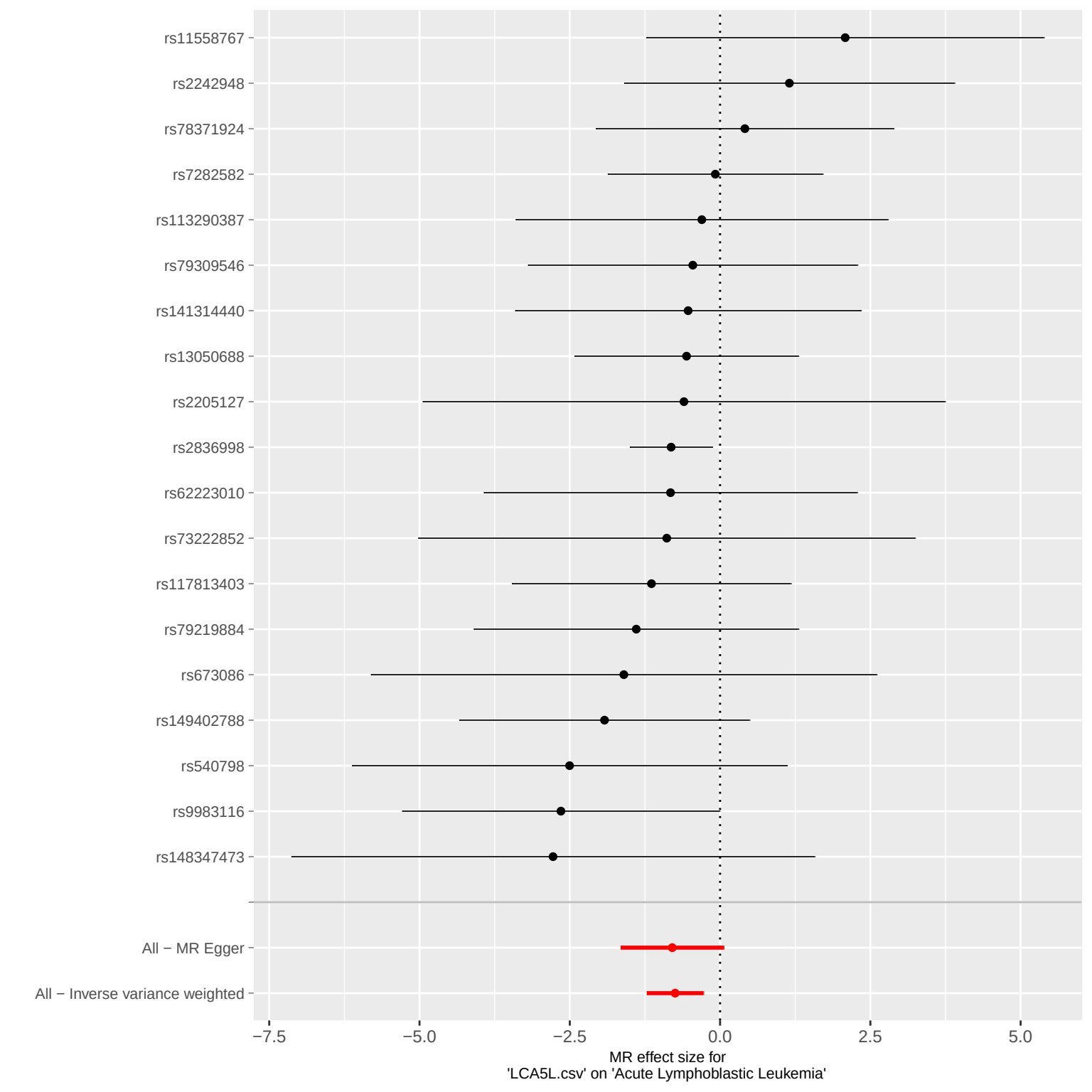
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
12
MR effect size for
'LBH.csv' on 'Acute Lymphoblastic Leukemia'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rs62223010
rs73222852
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rs79219884
rs673086
rs149402788
rs540798
rs9983116
rs148347473
All − MR Egger
All − Inverse variance weighted
−7.5
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−2.5
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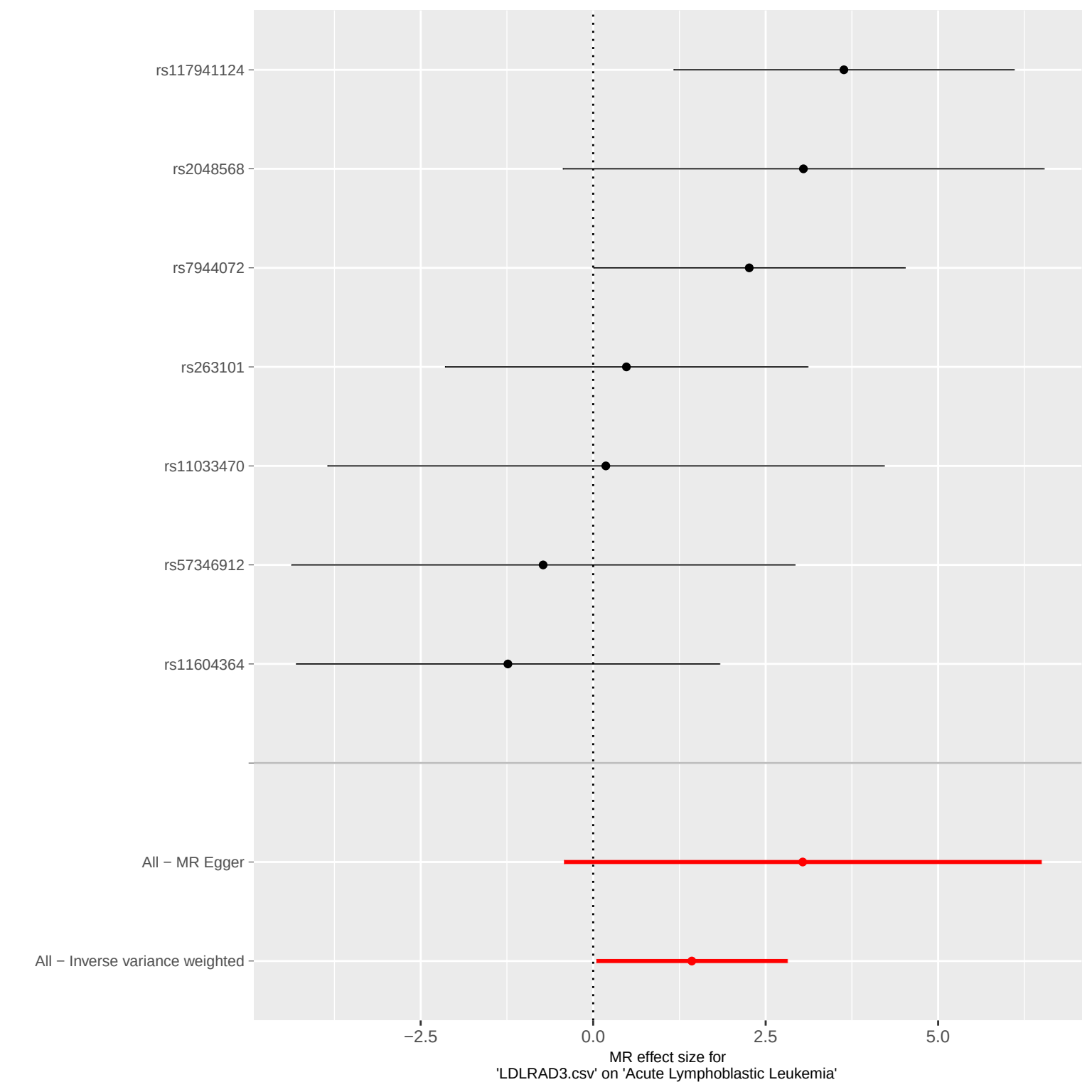
2.5
5.0
MR effect size for
'LCA5L.csv' on 'Acute Lymphoblastic Leukemia'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rs11033470
rs57346912
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All − MR Egger
All − Inverse variance weighted
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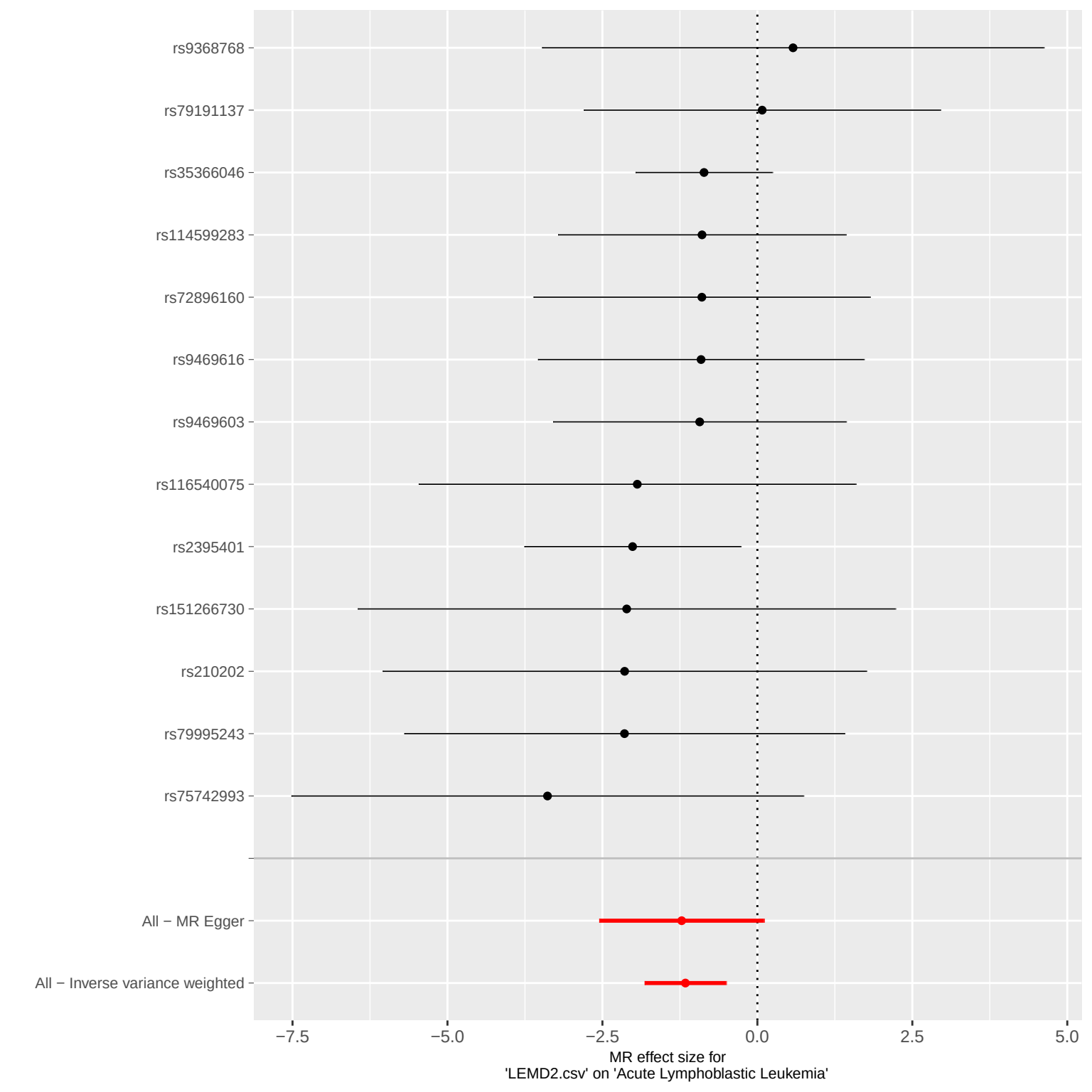
0.0
2.5
5.0
MR effect size for
'LDLRAD3.csv' on 'Acute Lymphoblastic Leukemia'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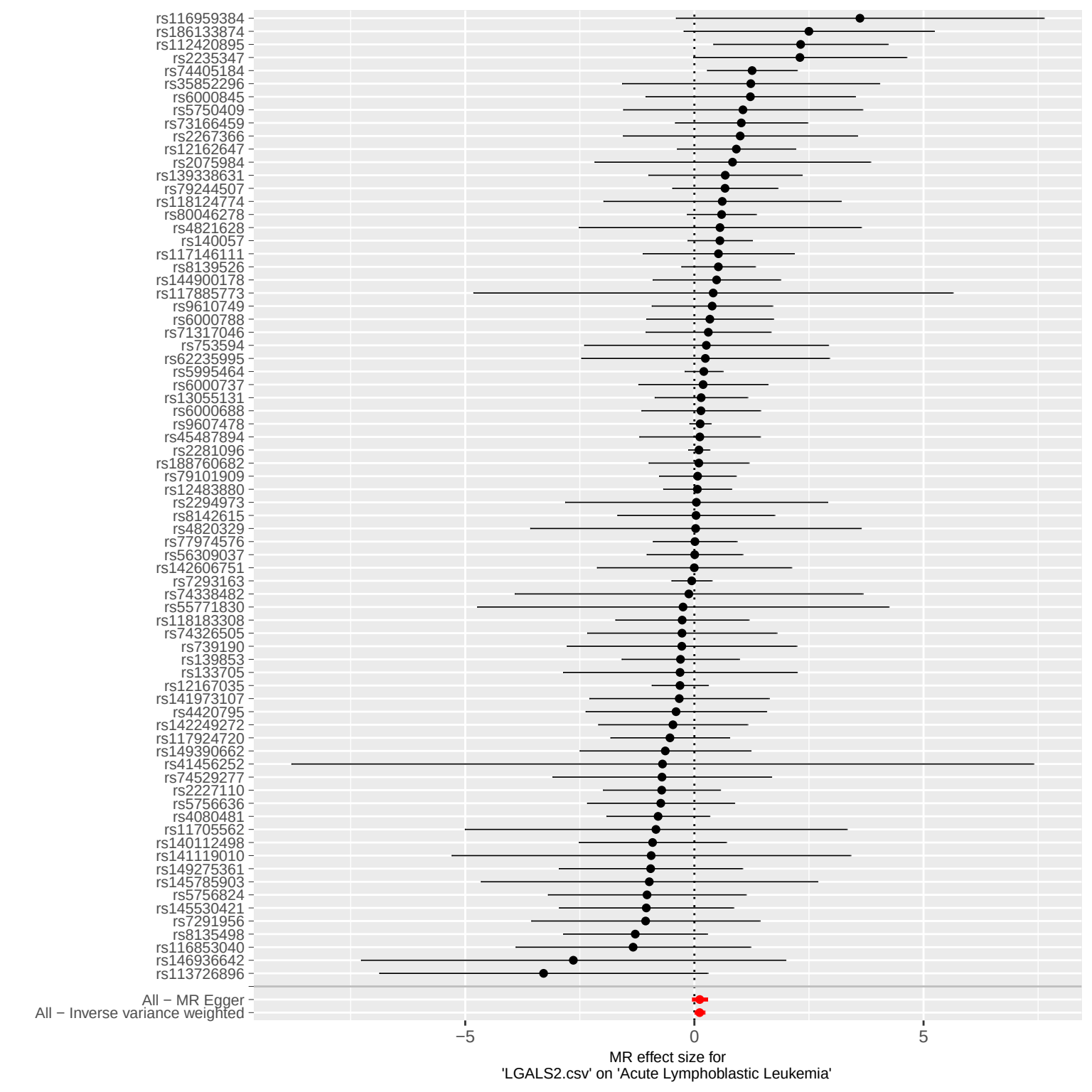
rs210202
rs79995243
rs75742993
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'LEMD2.csv' on 'Acute Lymphoblastic Leukemia'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rs79244507
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rs140057
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rs144900178
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rs7291956
rs8135498
rs116853040
rs146936642
rs113726896
All − MR Egger
All − Inverse variance weighted
−5
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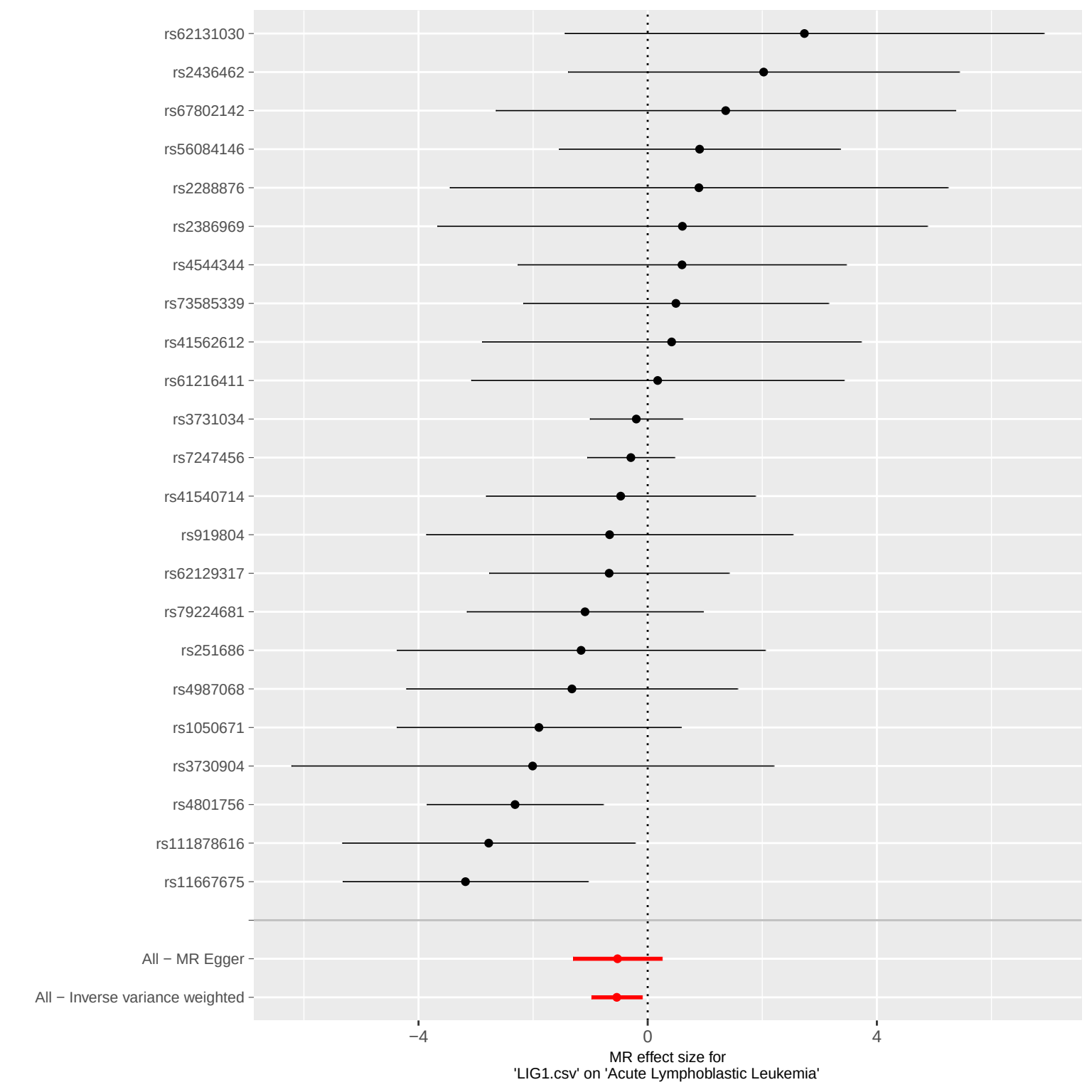
5
MR effect size for
'LGALS2.csv' on 'Acute Lymphoblastic Leukemia'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rs79224681
rs251686
rs4987068
rs1050671
rs3730904
rs4801756
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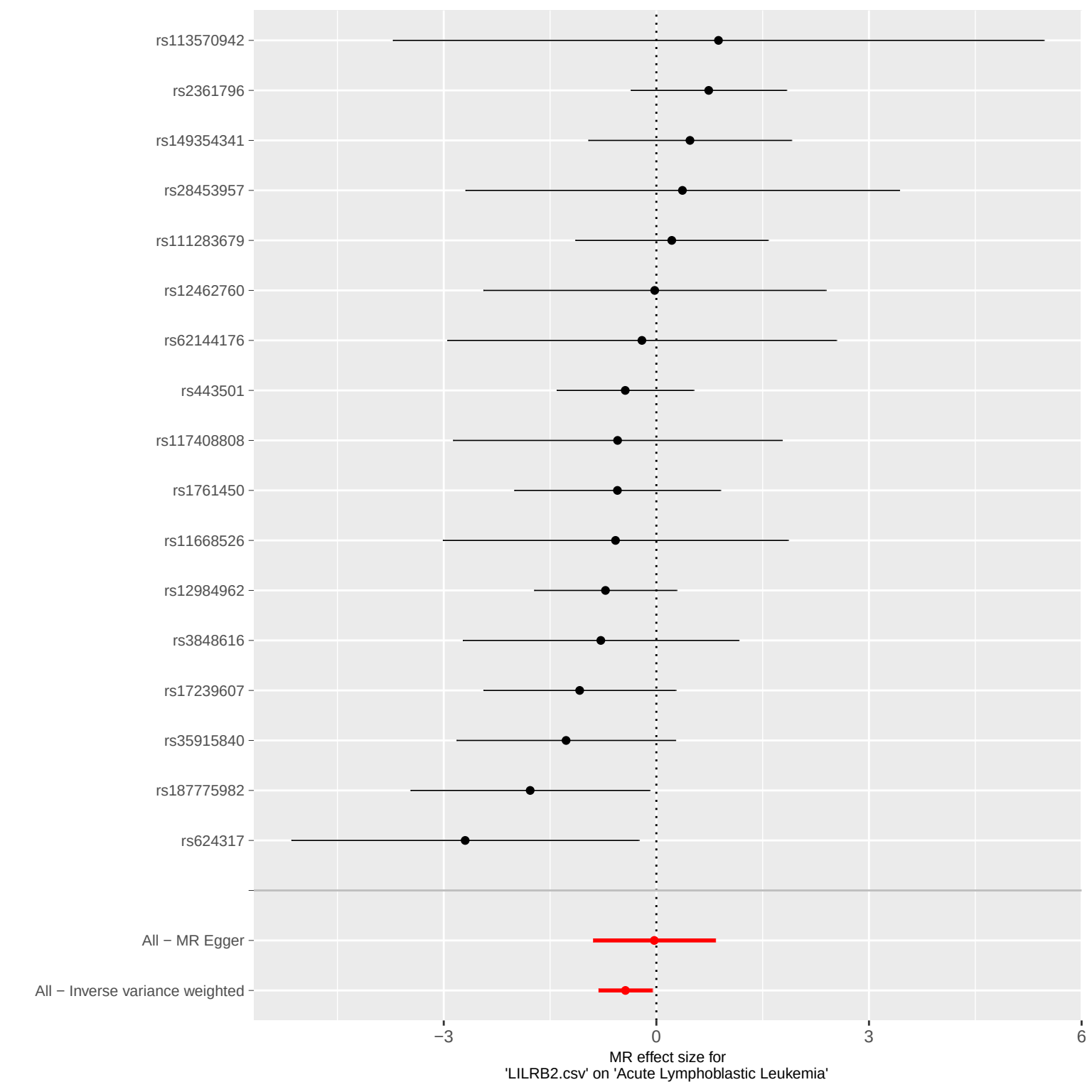
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'LIG1.csv' on 'Acute Lymphoblastic Leukemia'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rs3848616
rs17239607
rs35915840
rs187775982
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All − MR Egger
All − Inverse variance weighted
−3
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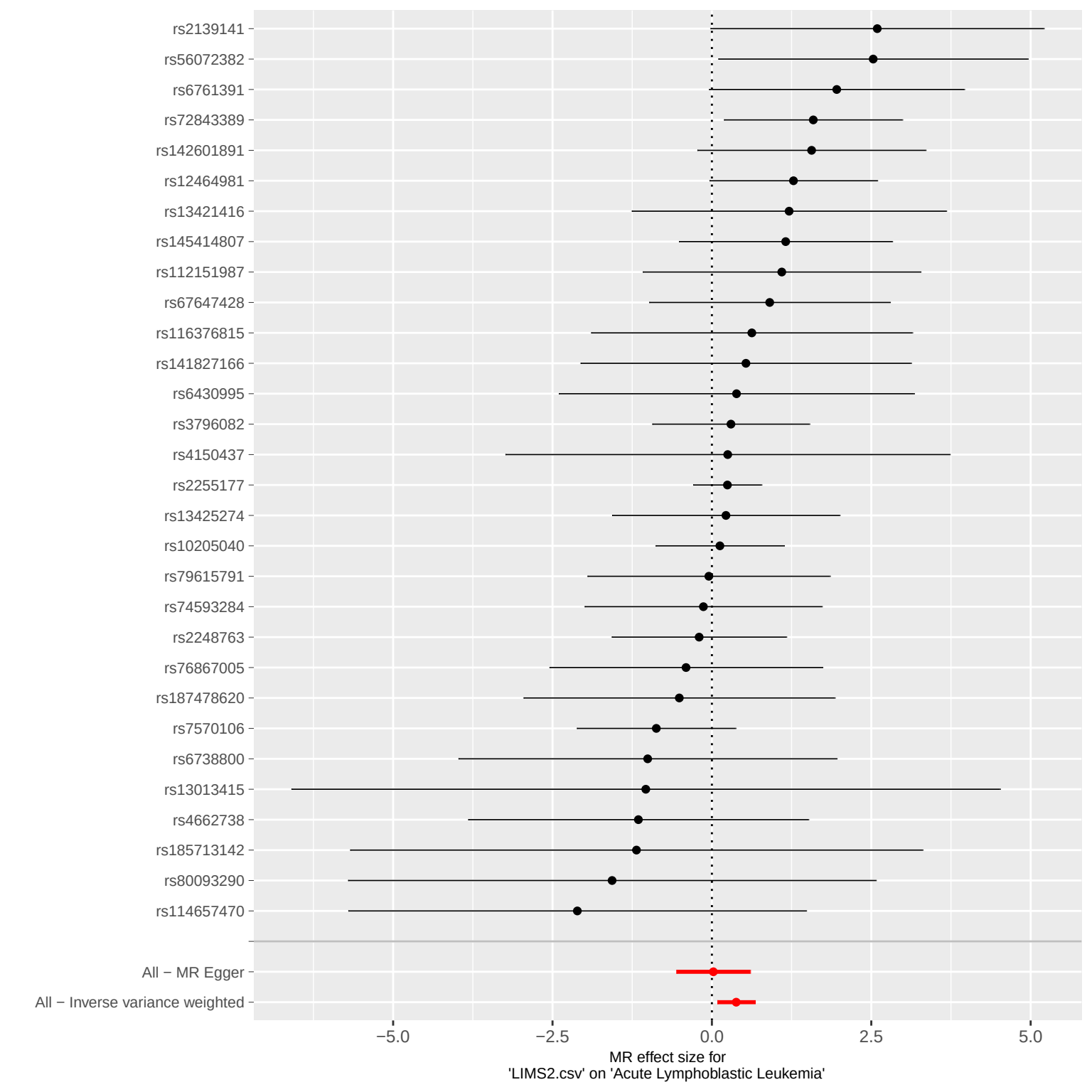
6
MR effect size for
'LILRB2.csv' on 'Acute Lymphoblastic Leukemia'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rs2248763
rs76867005
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rs13013415
rs4662738
rs185713142
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All − MR Egger
All − Inverse variance weighted
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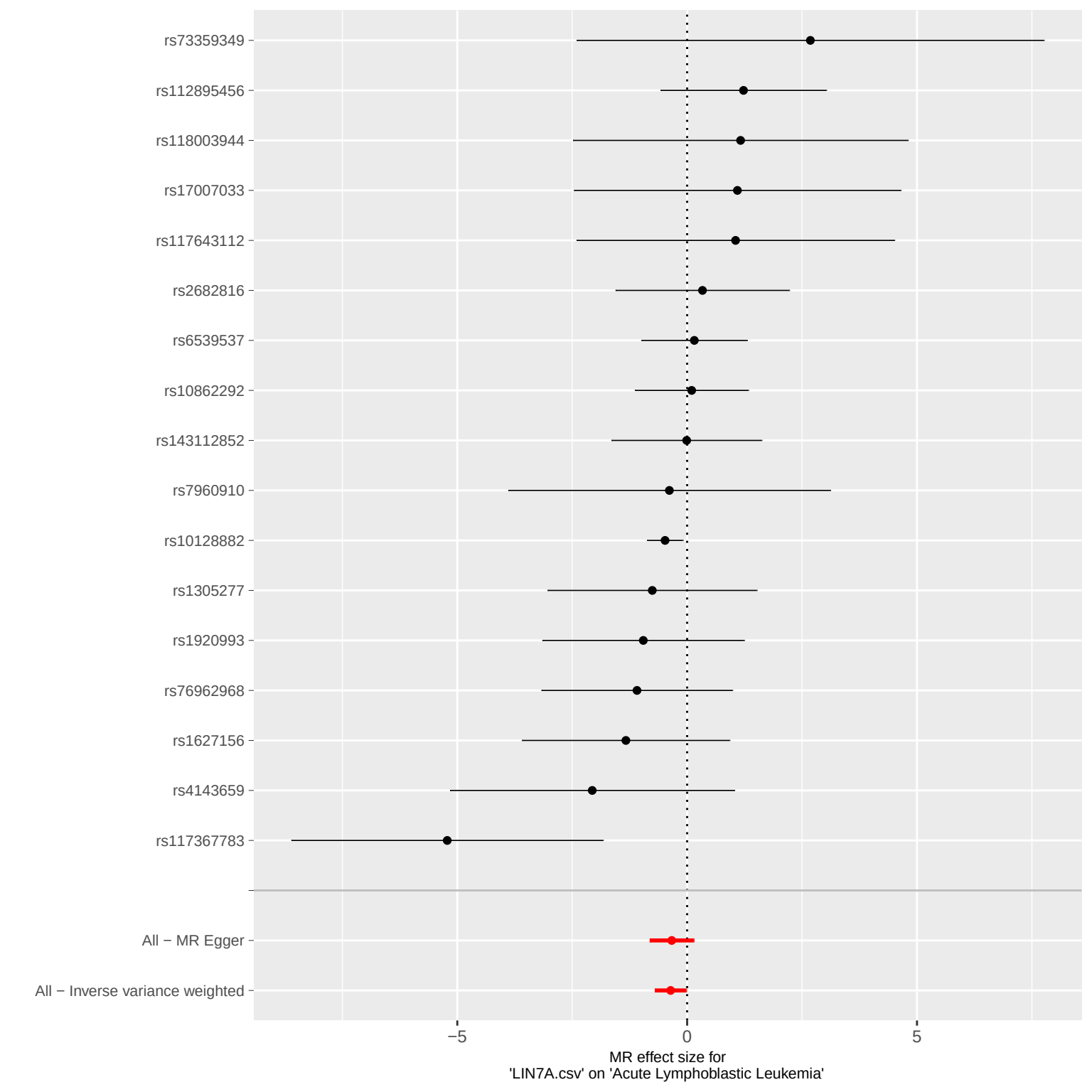
2.5
5.0
MR effect size for
'LIMS2.csv' on 'Acute Lymphoblastic Leukemia'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rs10128882
rs1305277
rs1920993
rs76962968
rs1627156
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All − MR Egger
All − Inverse variance weighted
−5
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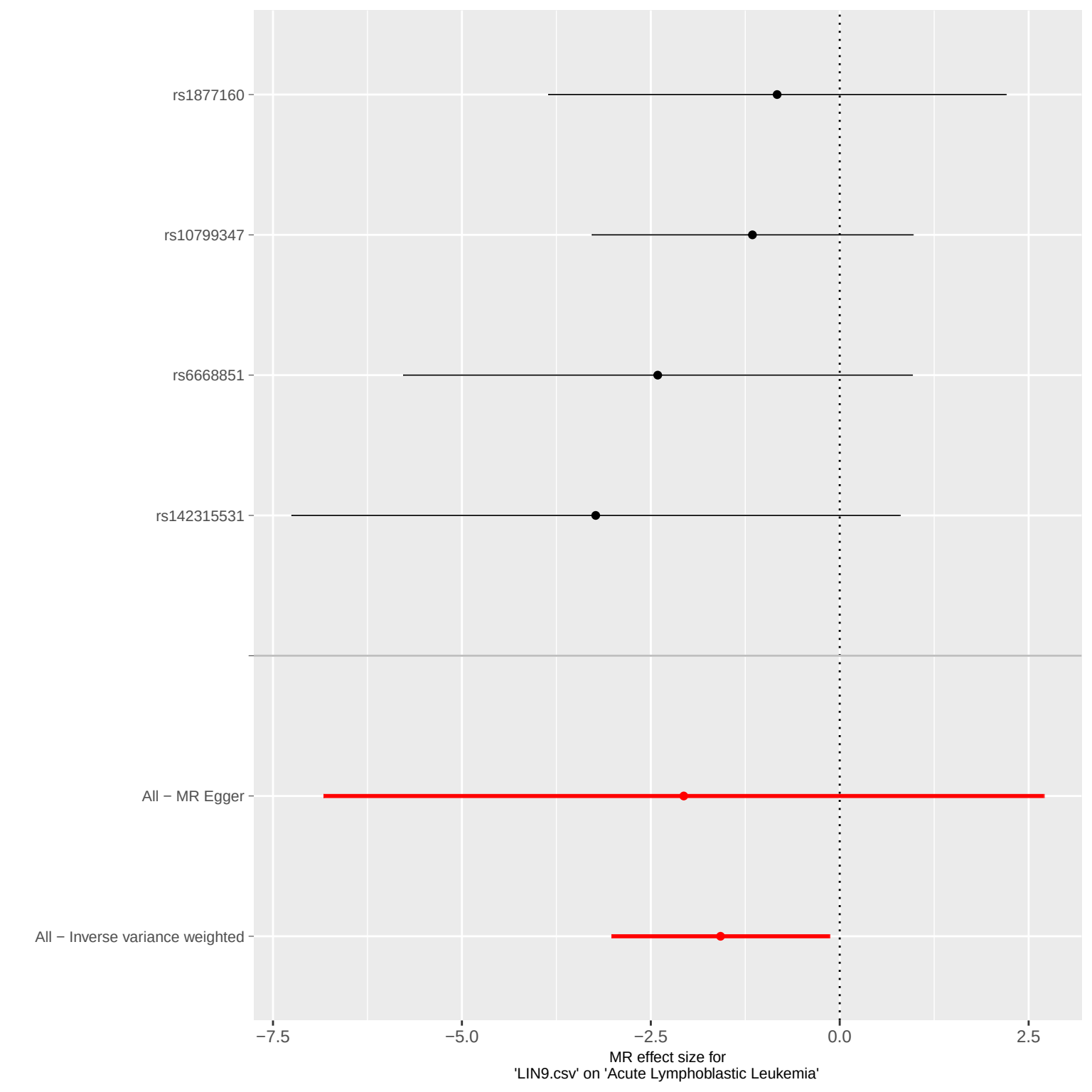
5
MR effect size for
'LIN7A.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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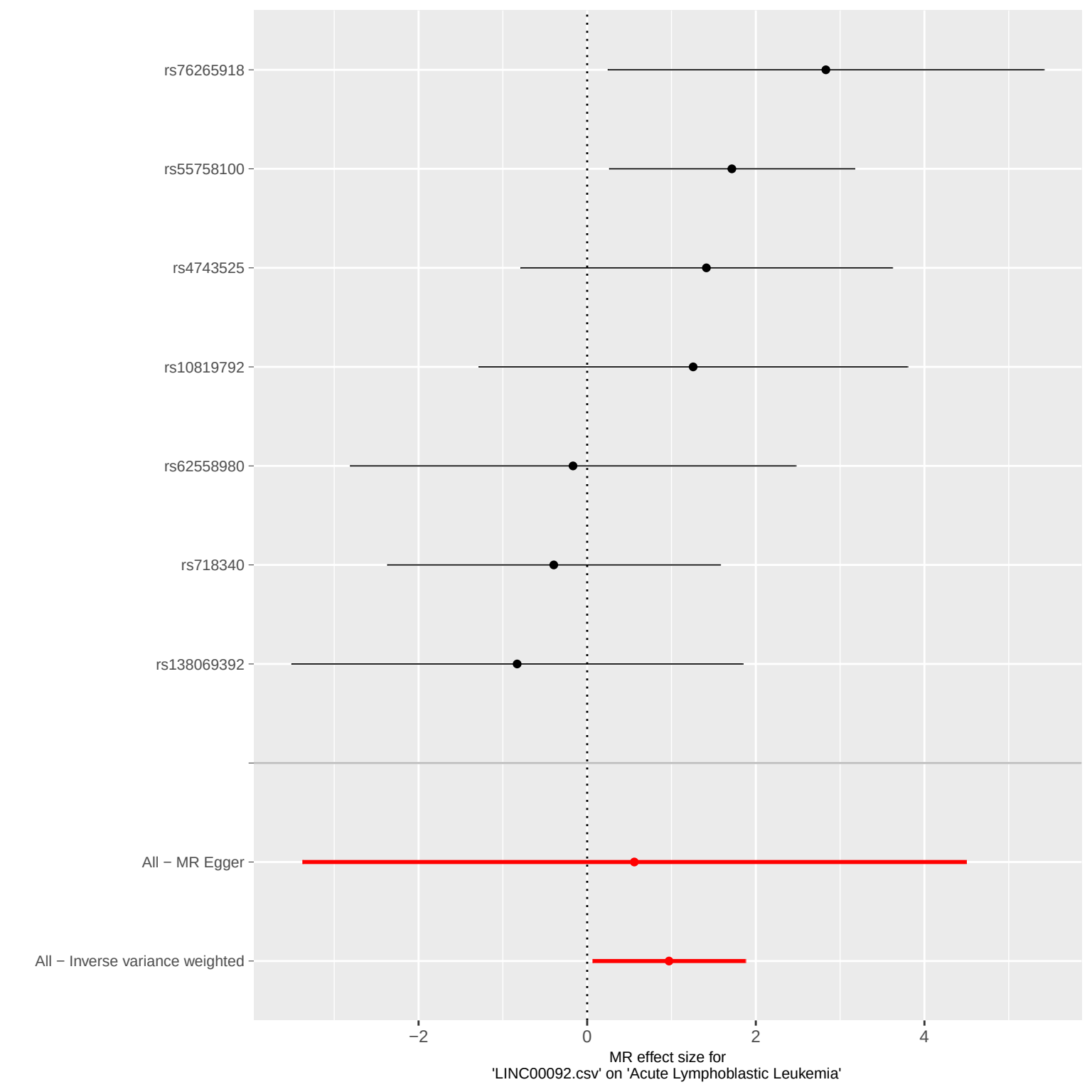
−5.0
−2.5
0.0
2.5
MR effect size for
'LIN9.csv' on 'Acute Lymphoblastic Leukemia'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rs718340
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All − MR Egger
All − Inverse variance weighted
−2
0
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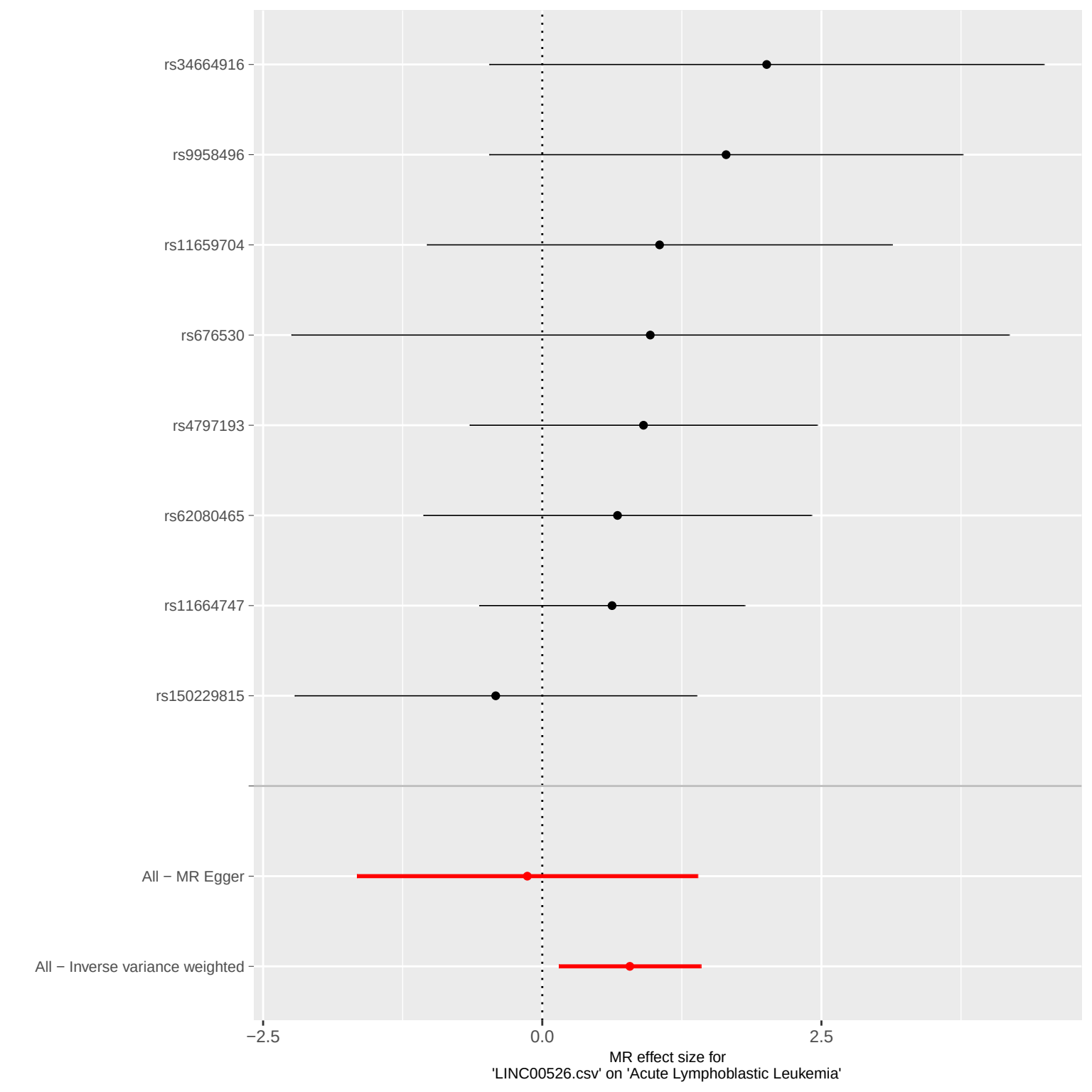
4
MR effect size for
'LINC00092.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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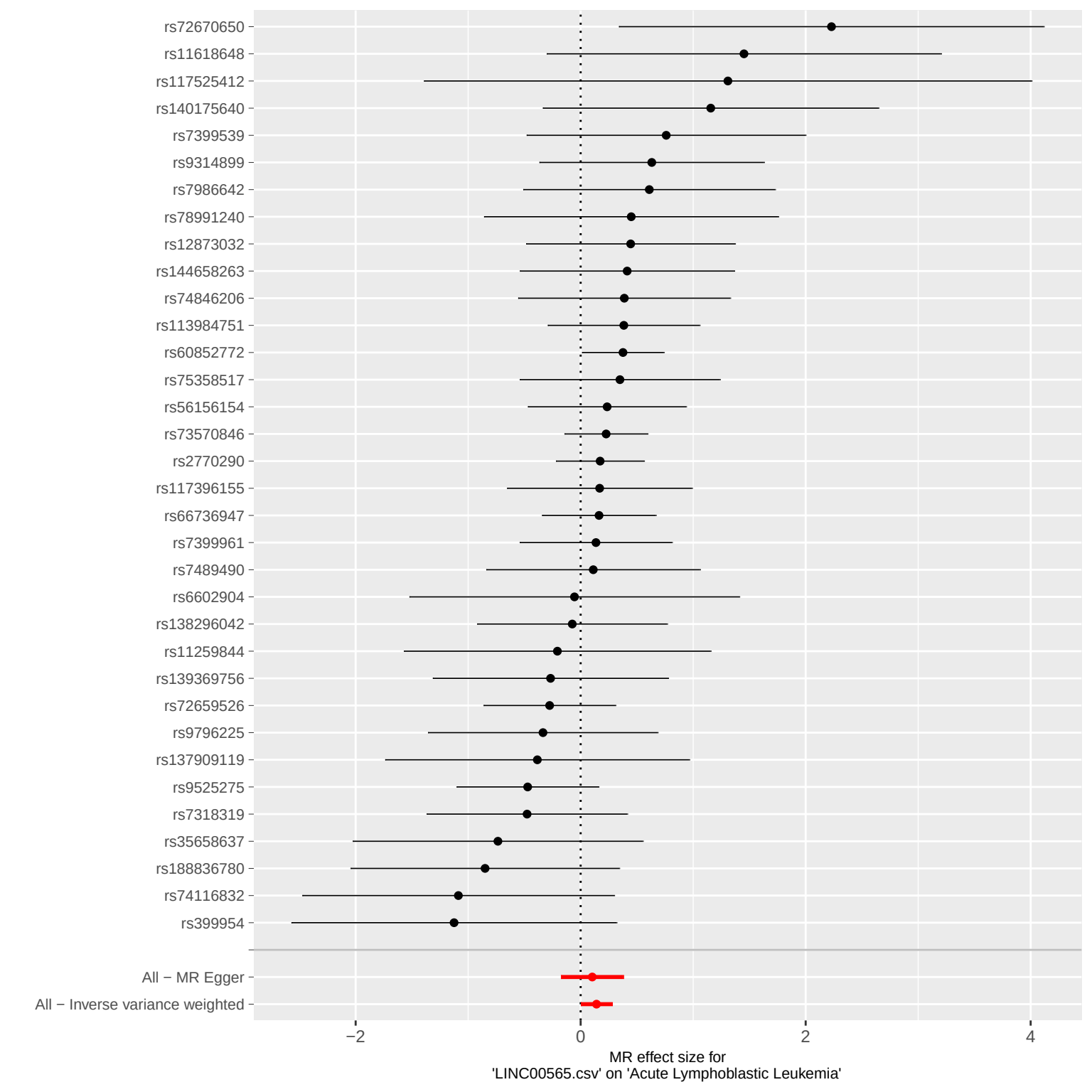
2.5
MR effect size for
'LINC00526.csv' on 'Acute Lymphoblastic Leukemia'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rs35658637
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All − MR Egger
All − Inverse variance weighted
−2
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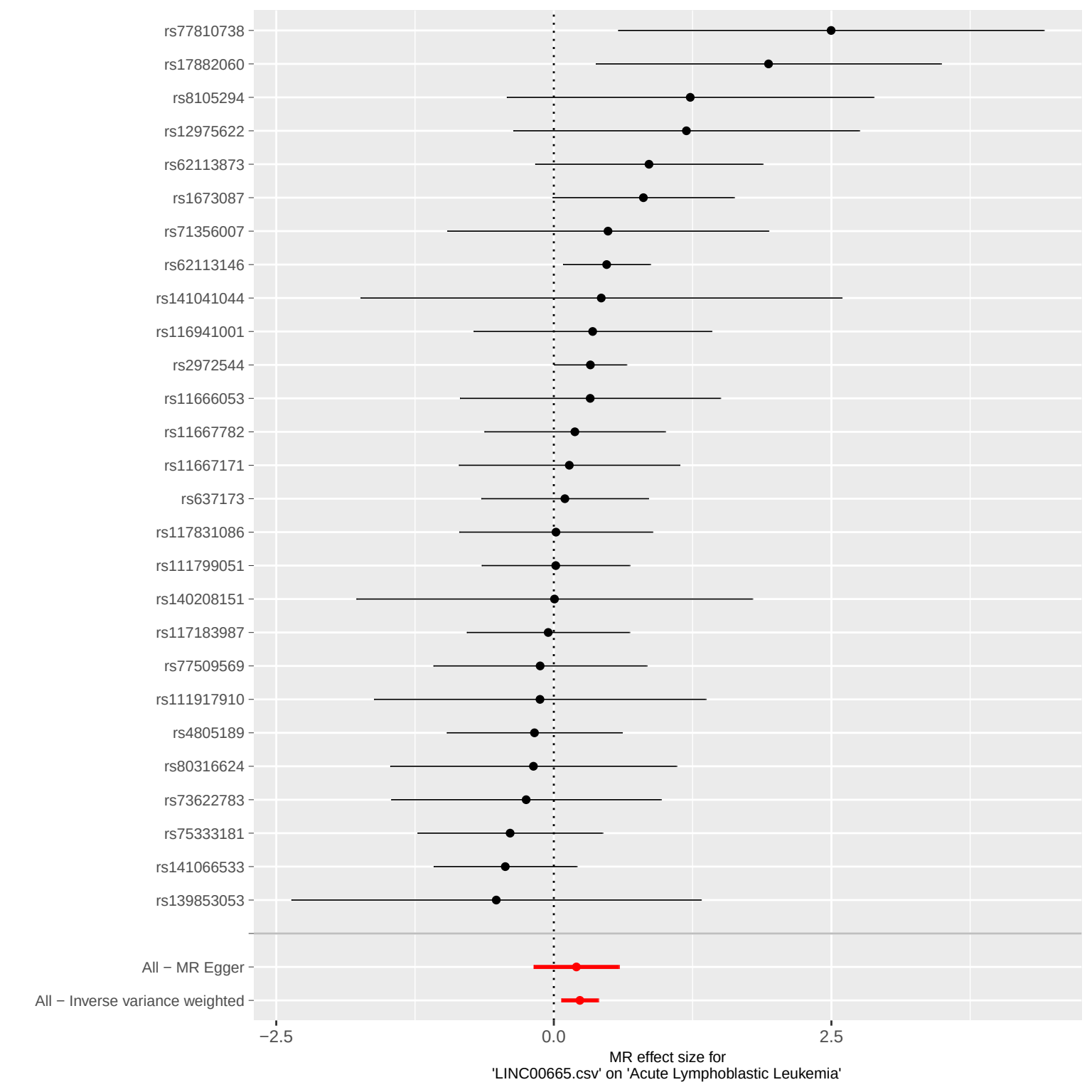
4
MR effect size for
'LINC00565.csv' on 'Acute Lymphoblastic Leukemia'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rs141066533
rs139853053
All − MR Egger
All − Inverse variance weighted
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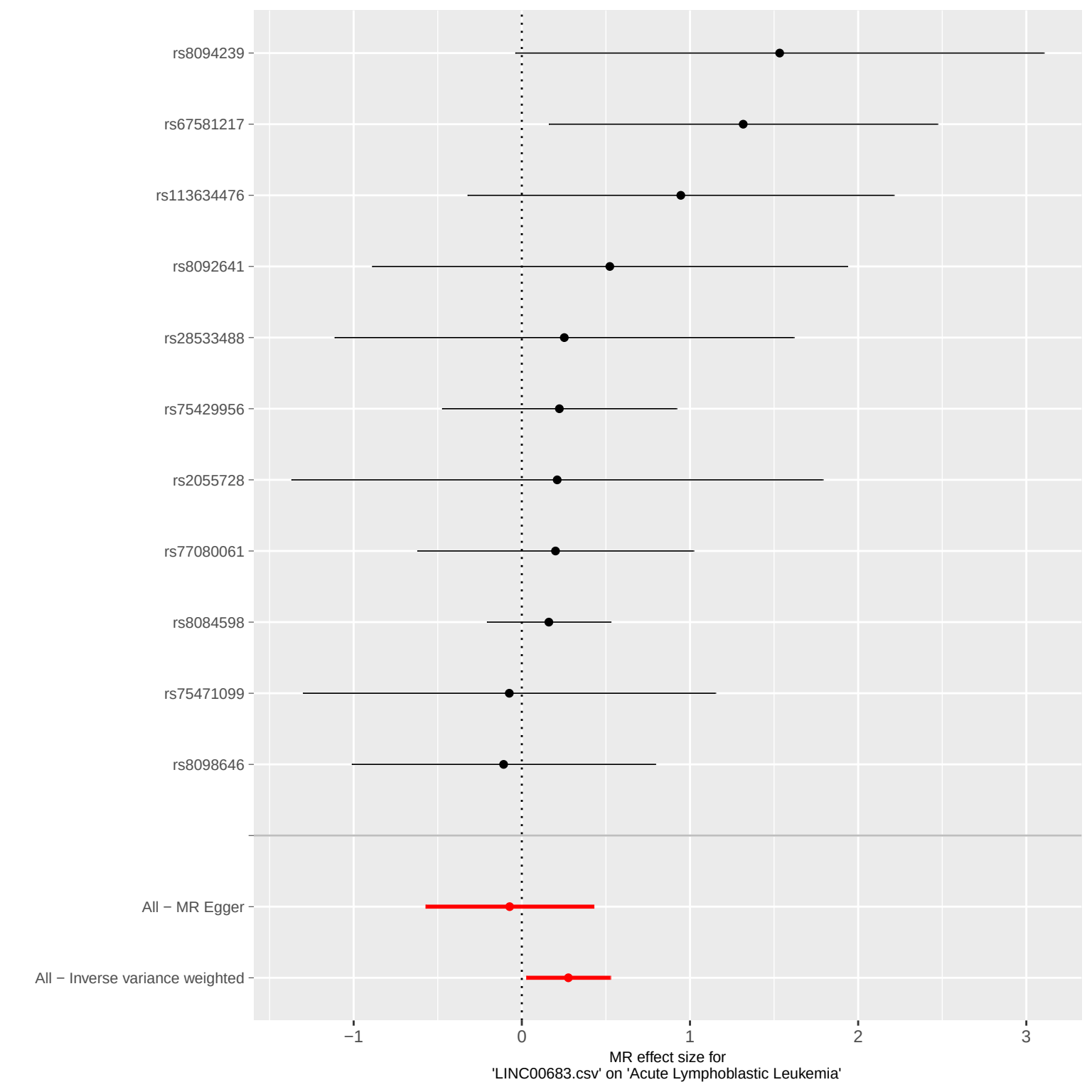
MR effect size for
'LINC00665.csv' on 'Acute Lymphoblastic Leukemia'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rs8084598
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All − Inverse variance weighted
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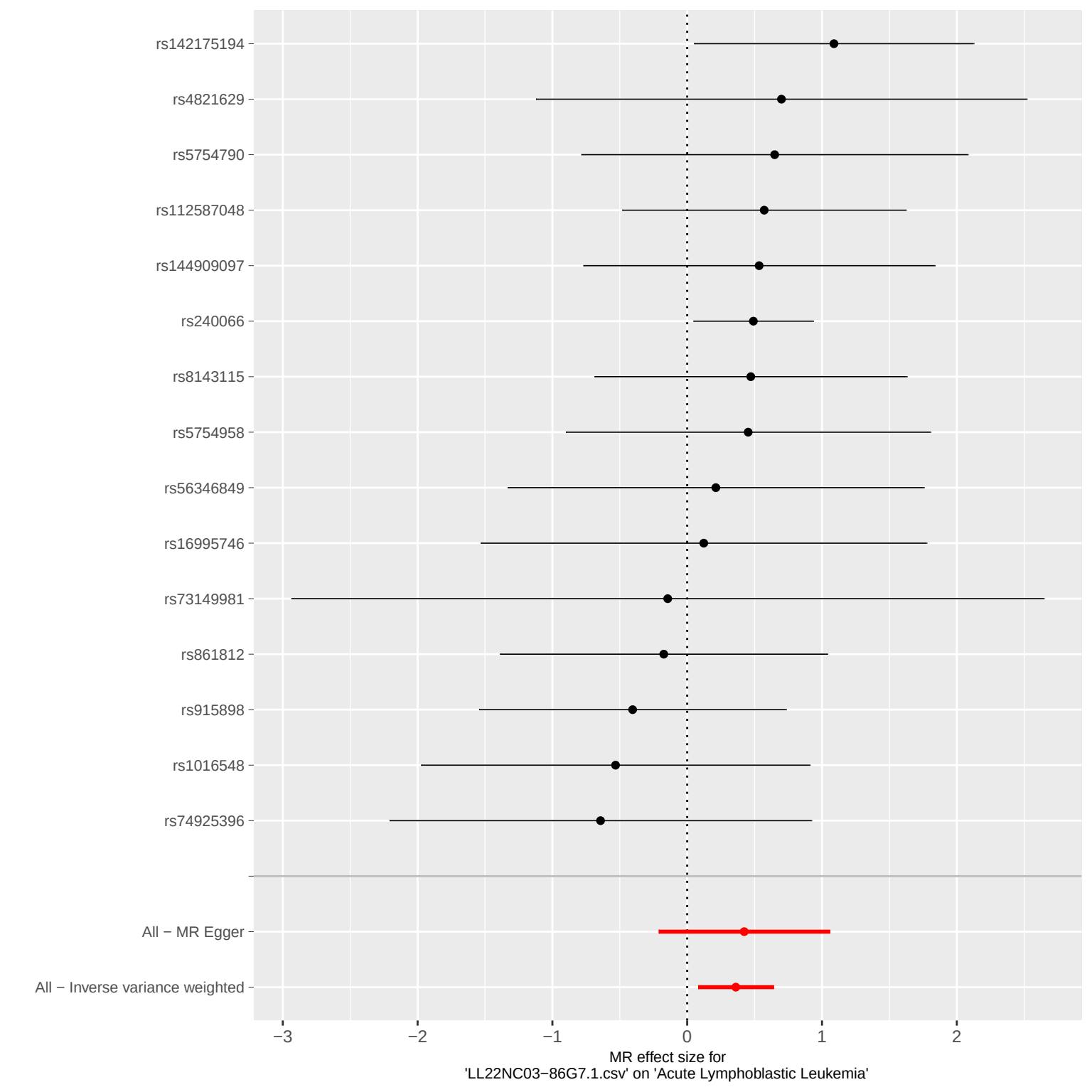
1
2
3
MR effect size for
'LINC00683.csv' on 'Acute Lymphoblastic Leukemia'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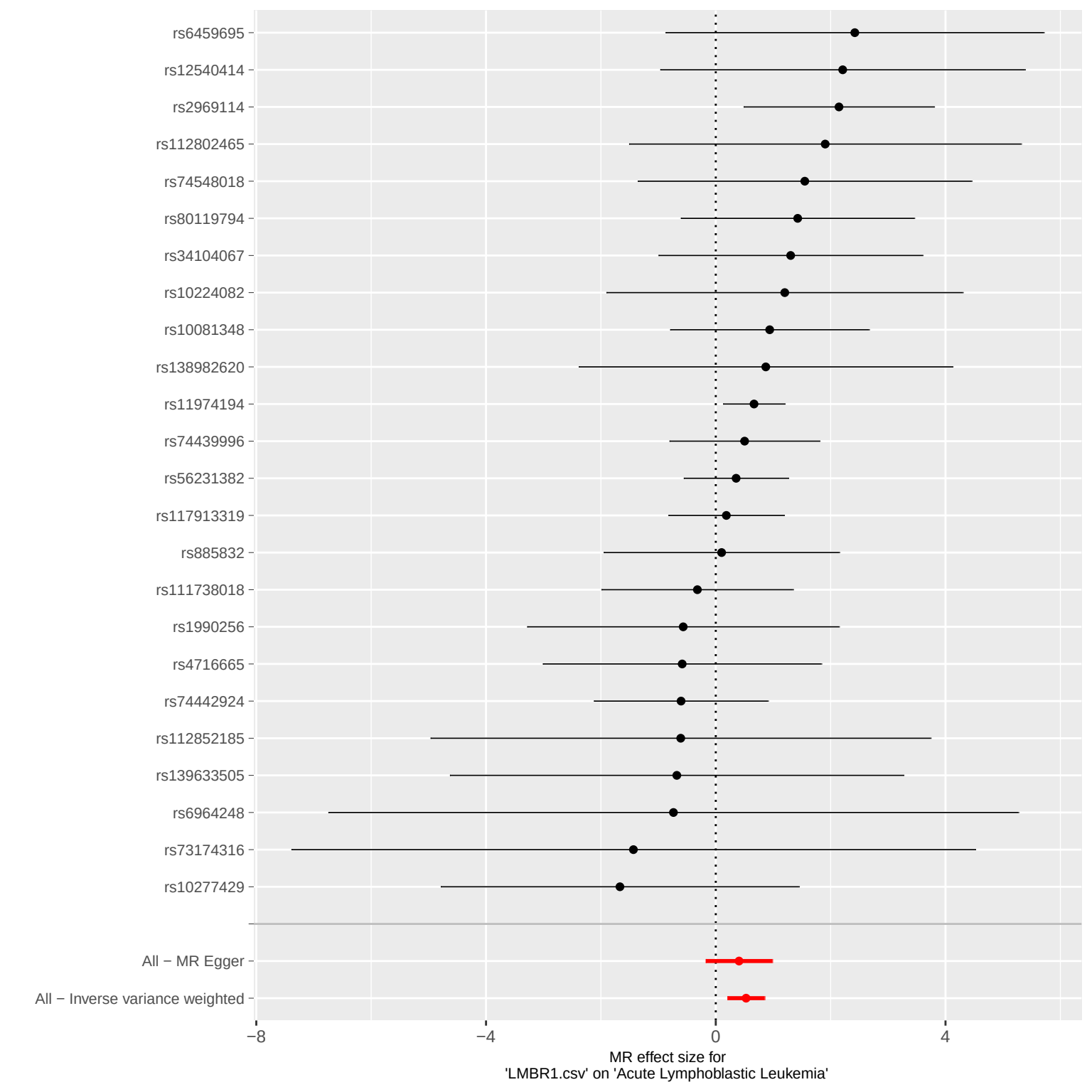
rs861812
rs915898
rs1016548
rs74925396
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'LL22NC03−86G7.1.csv' on 'Acute Lymphoblastic Leukemia'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rs885832
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rs4716665
rs74442924
rs112852185
rs139633505
rs6964248
rs73174316
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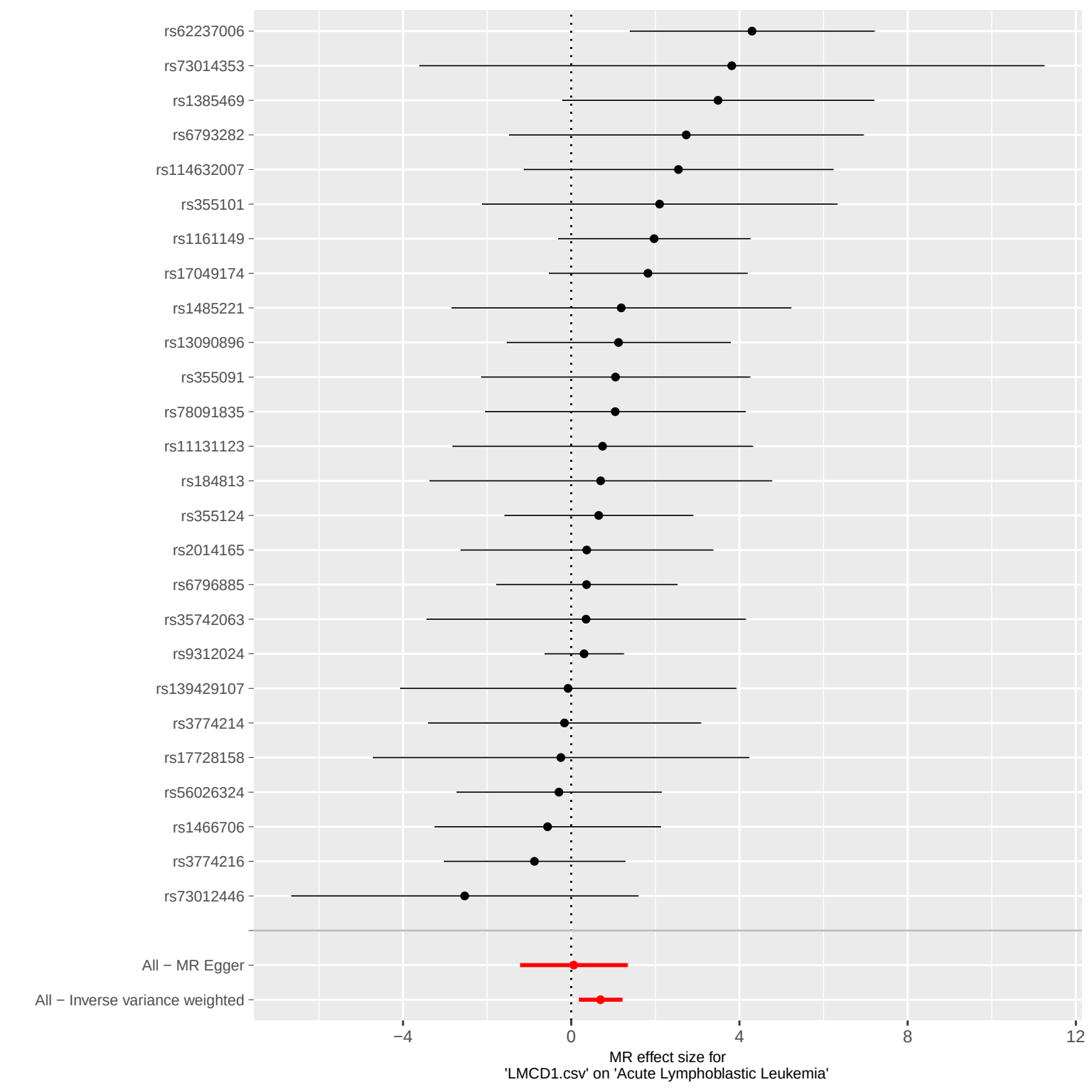
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'LMBR1.csv' on 'Acute Lymphoblastic Leukemia'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rs3774214
rs17728158
rs56026324
rs1466706
rs3774216
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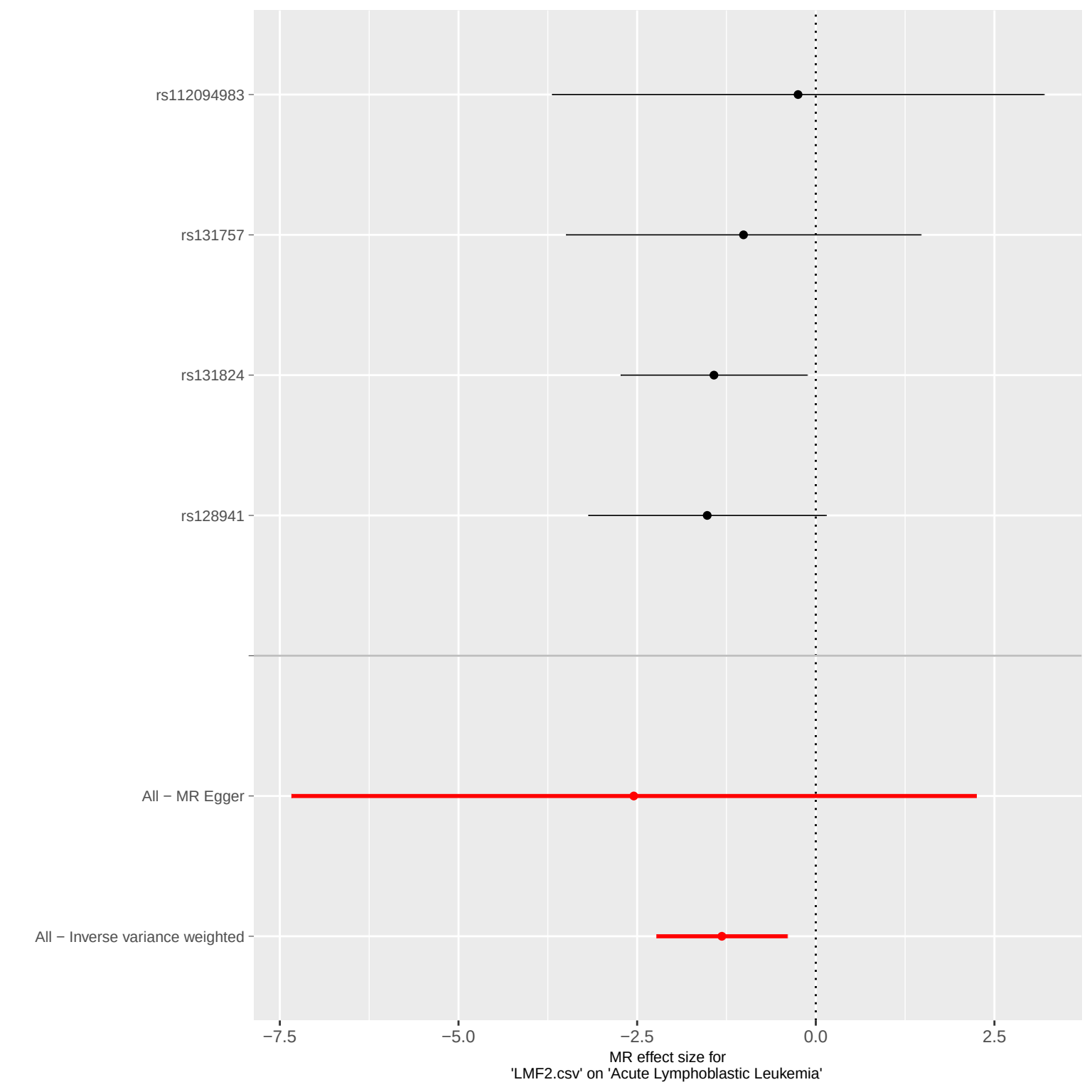
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
12
MR effect size for
'LMCD1.csv' on 'Acute Lymphoblastic Leukemia'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rs128941
All − MR Egger
All − Inverse variance weighted
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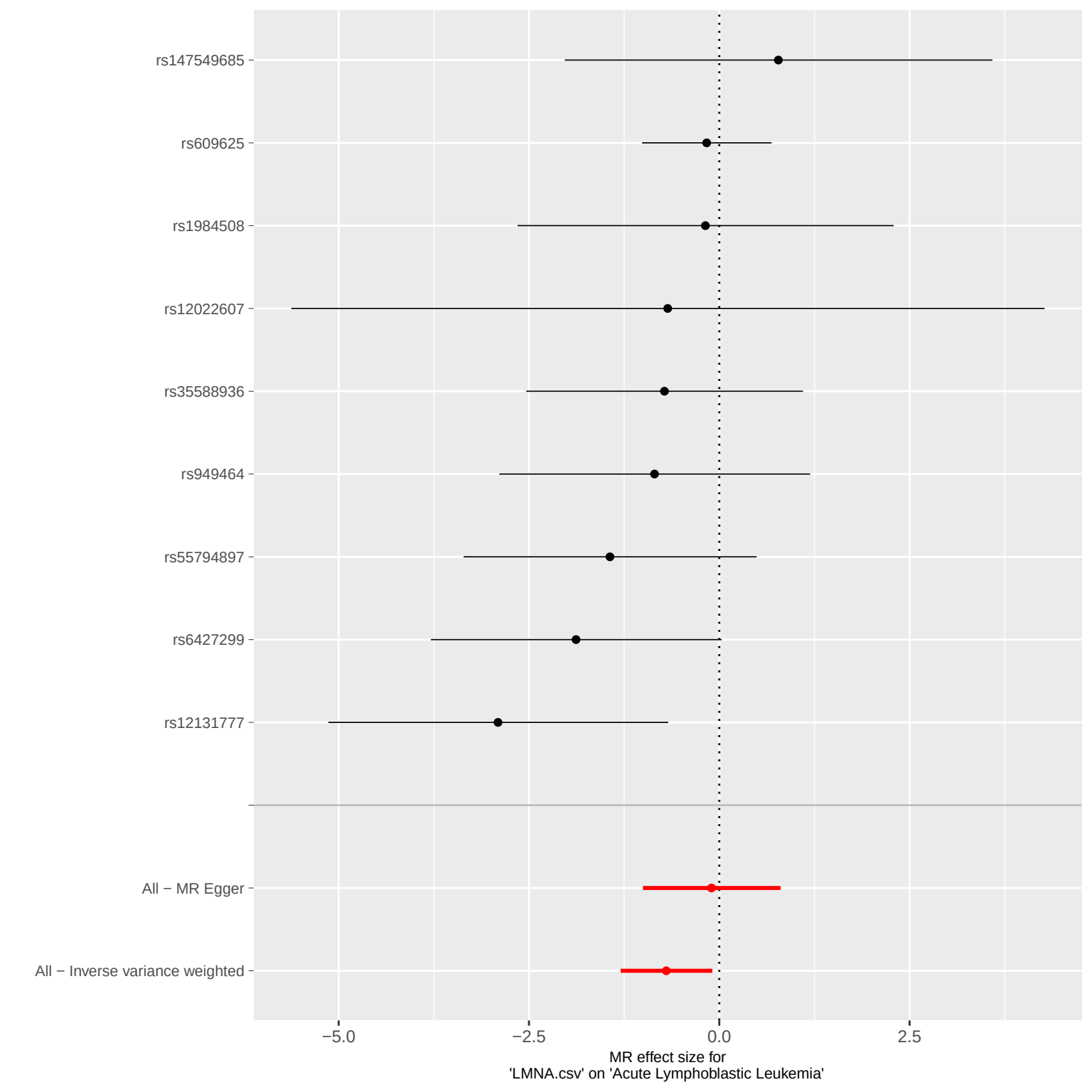
−5.0
−2.5
0.0
2.5
MR effect size for
'LMF2.csv' on 'Acute Lymphoblastic Leukemia'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rs609625
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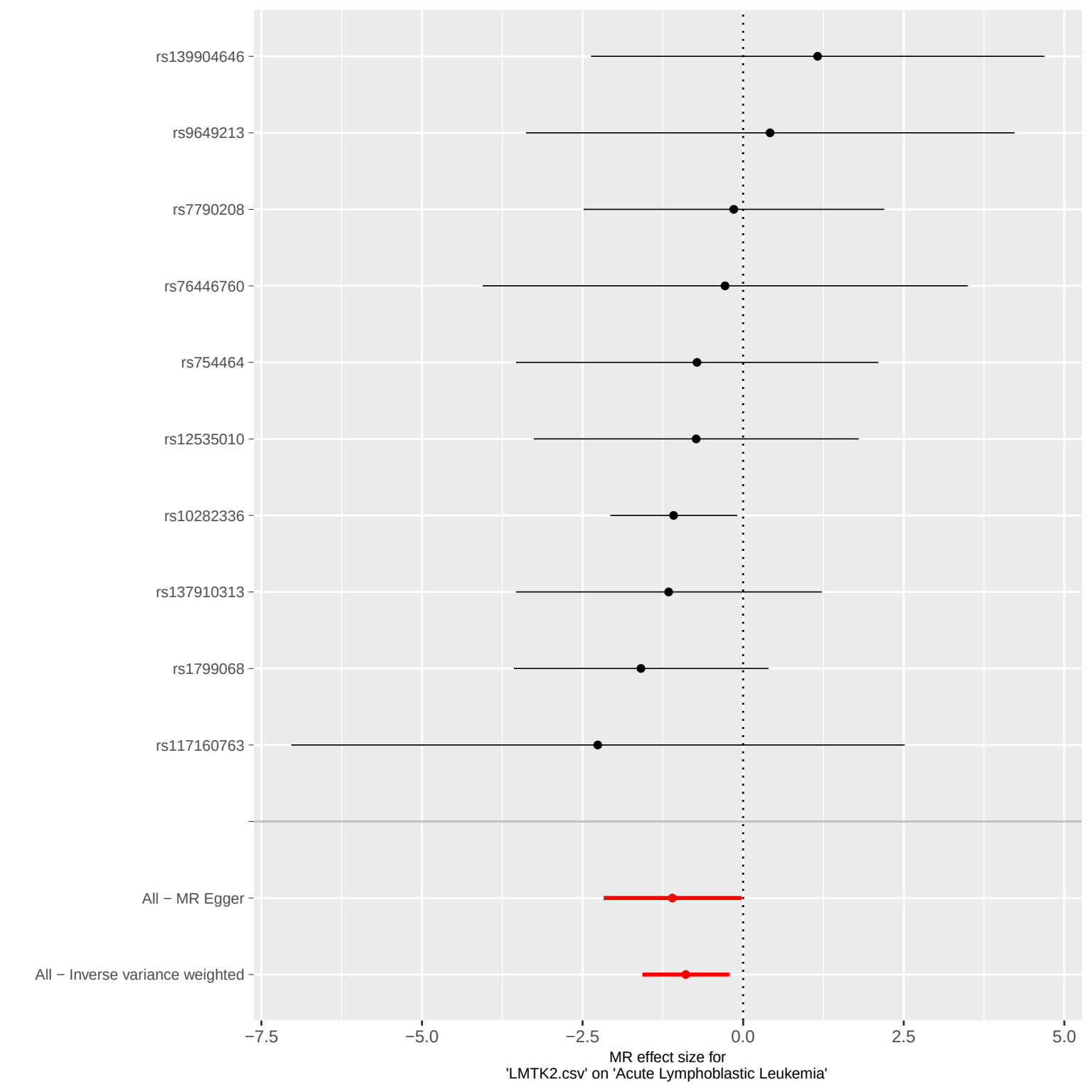
rs6427299
rs12131777
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'LMNA.csv' on 'Acute Lymphoblastic Leukemia'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rs12535010
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rs117160763
All − MR Egger
All − Inverse variance weighted
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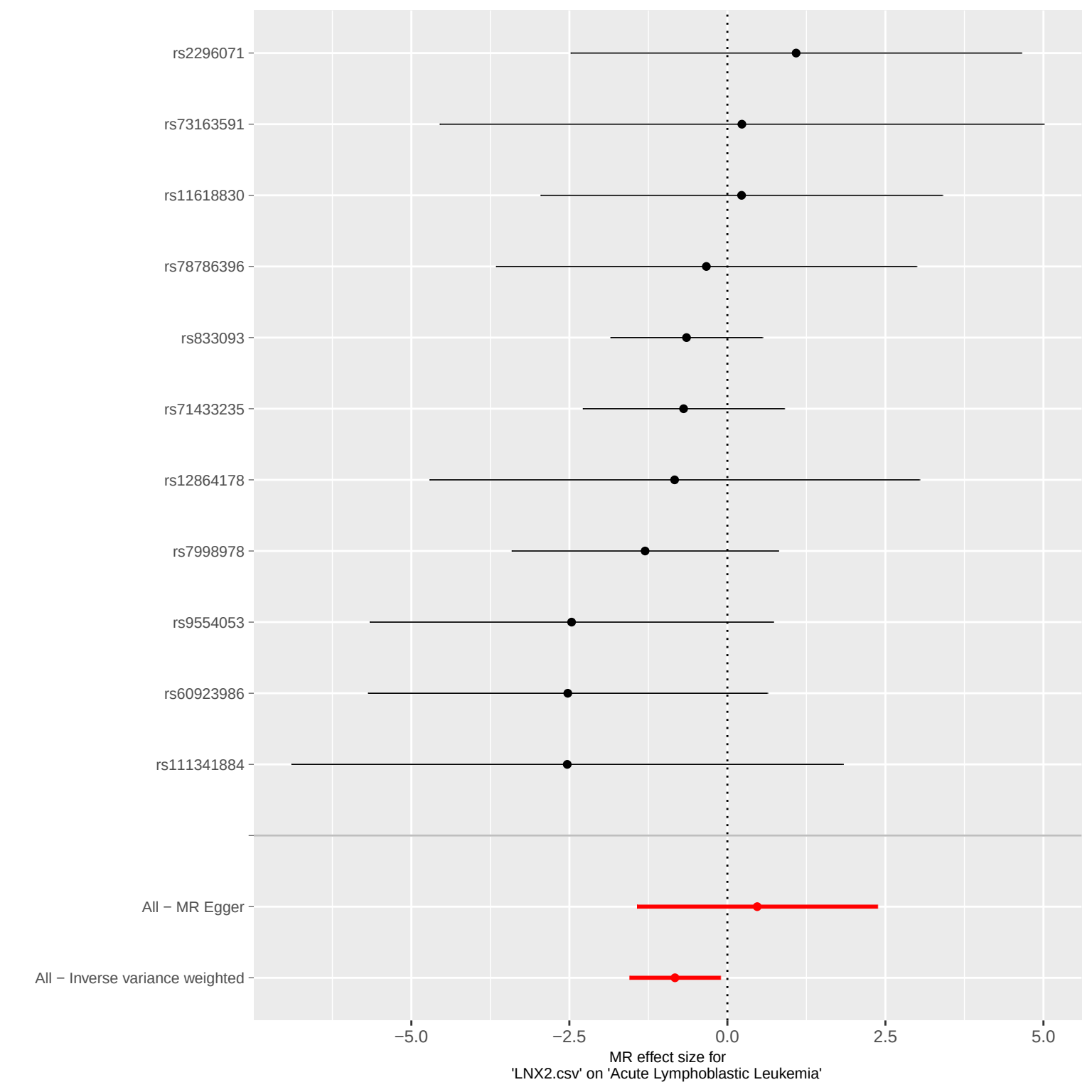
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'LMTK2.csv' on 'Acute Lymphoblastic Leukemia'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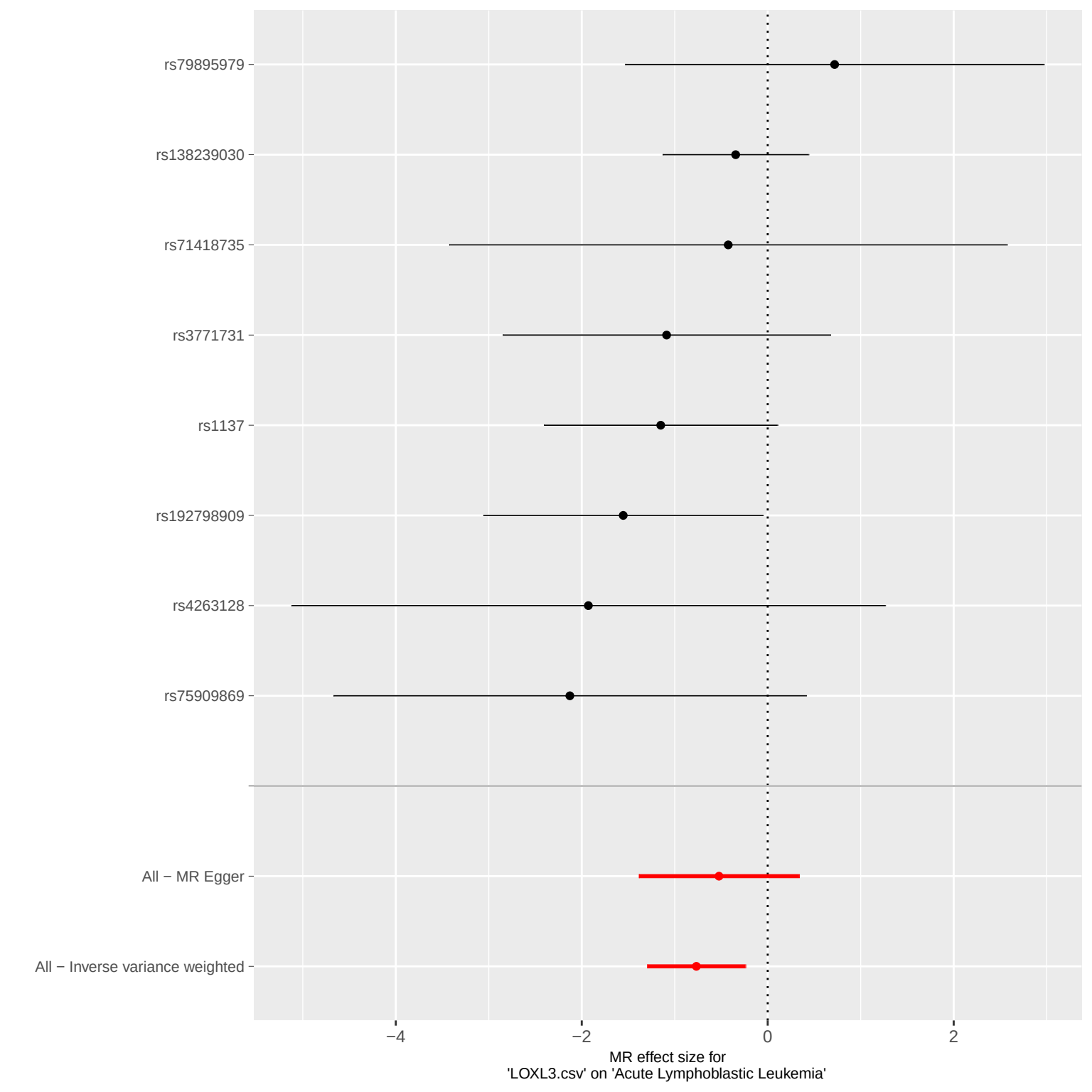
rs9554053
rs60923986
rs111341884
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'LNX2.csv' on 'Acute Lymphoblastic Leukemia'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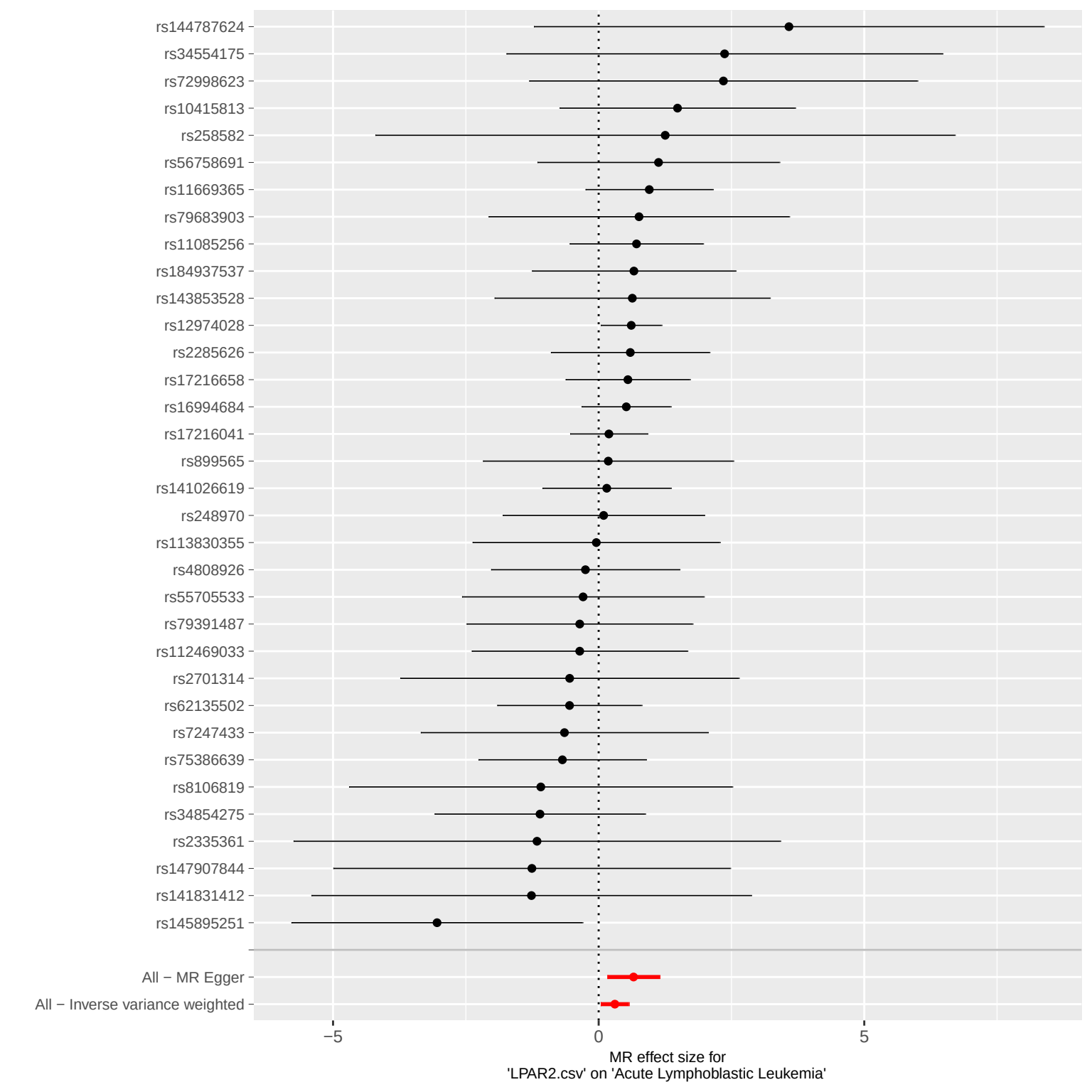
rs4263128
rs75909869
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'LOXL3.csv' on 'Acute Lymphoblastic Leukemia'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rs75386639
rs8106819
rs34854275
rs2335361
rs147907844
rs141831412
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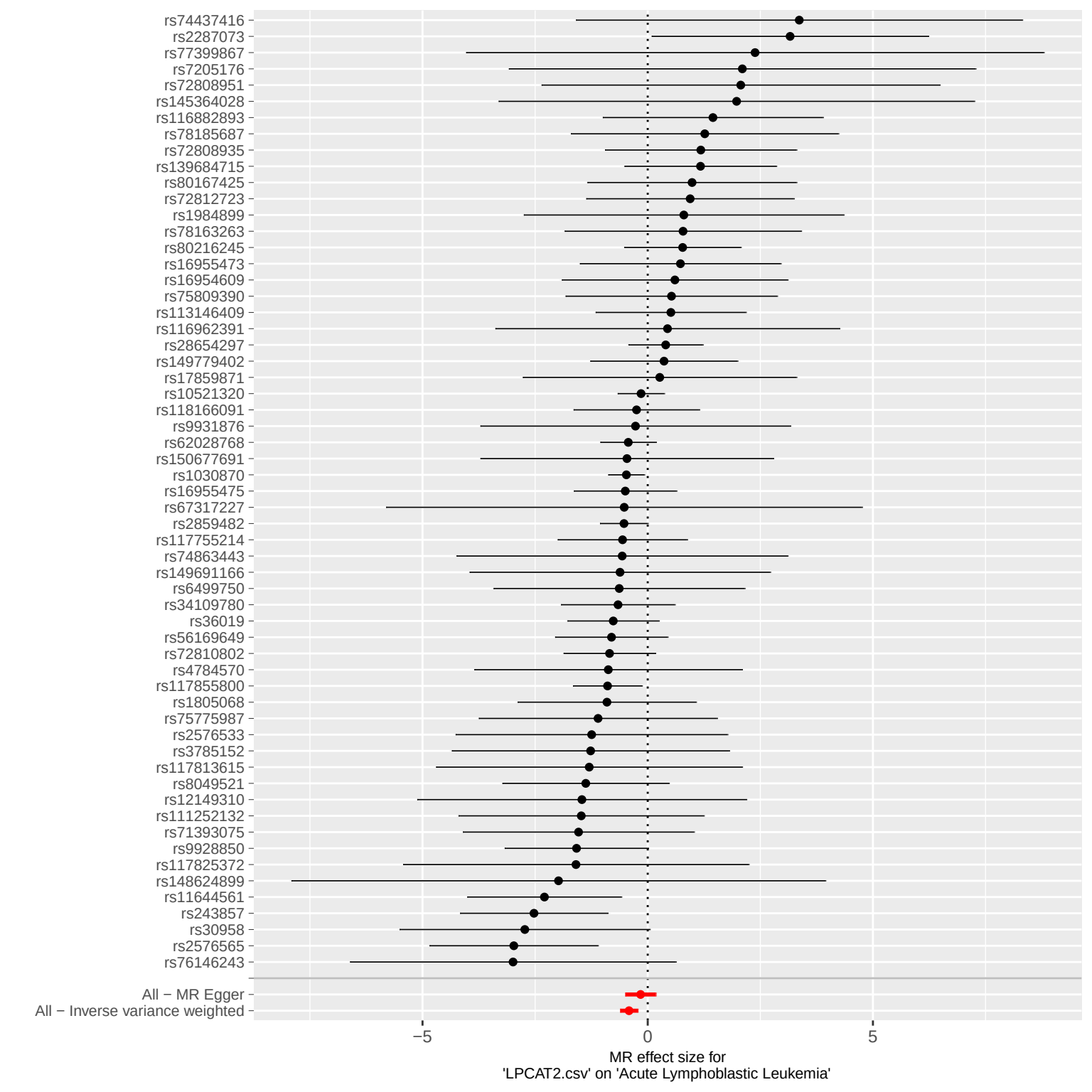
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'LPAR2.csv' on 'Acute Lymphoblastic Leukemia'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rs17859871
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rs118166091
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rs243857
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All − MR Egger
All − Inverse variance weighted
−5
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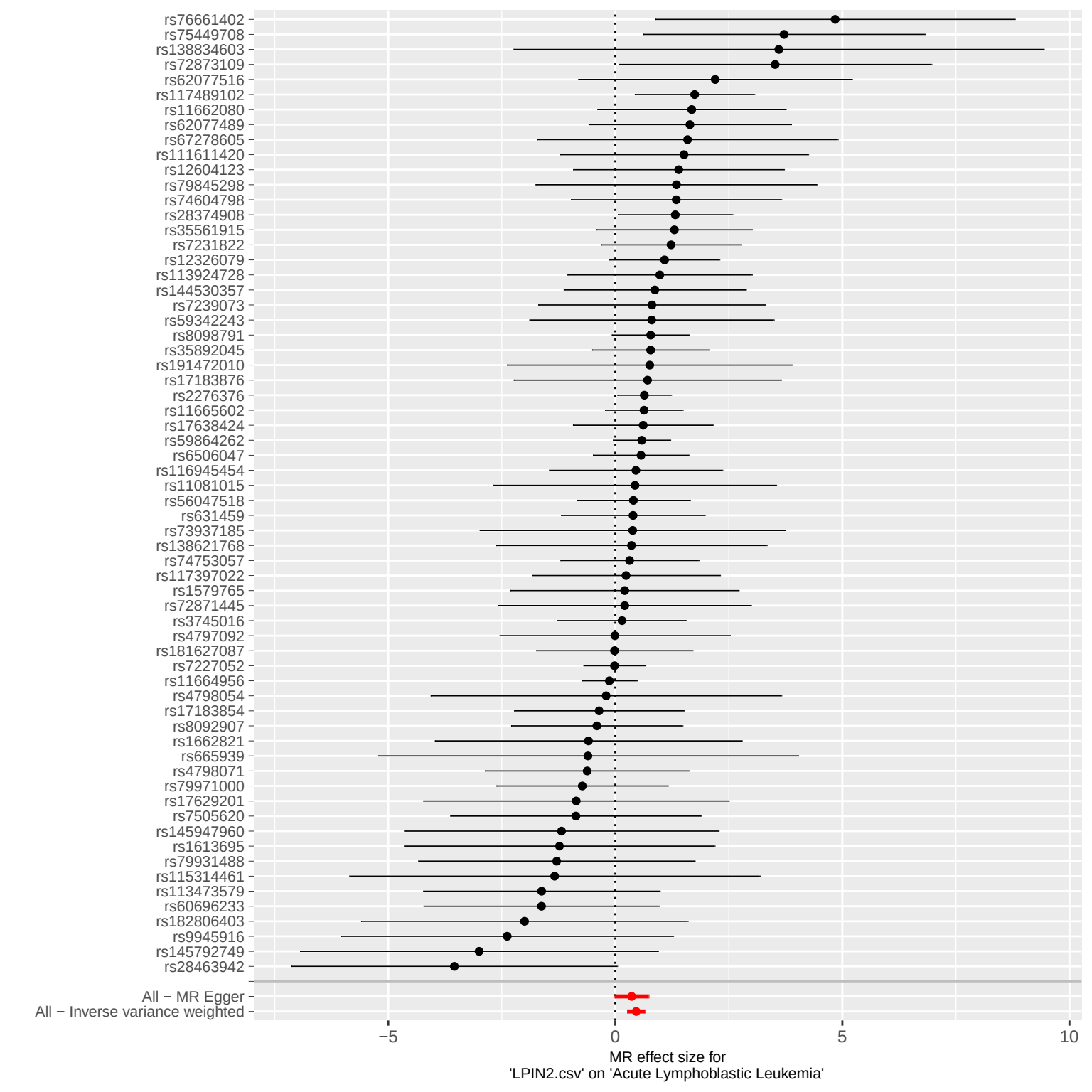
MR effect size for
'LPCAT2.csv' on 'Acute Lymphoblastic Leukemia'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rs7505620
rs145947960
rs1613695
rs79931488
rs115314461
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rs60696233
rs182806403
rs9945916
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All − Inverse variance weighted
−5
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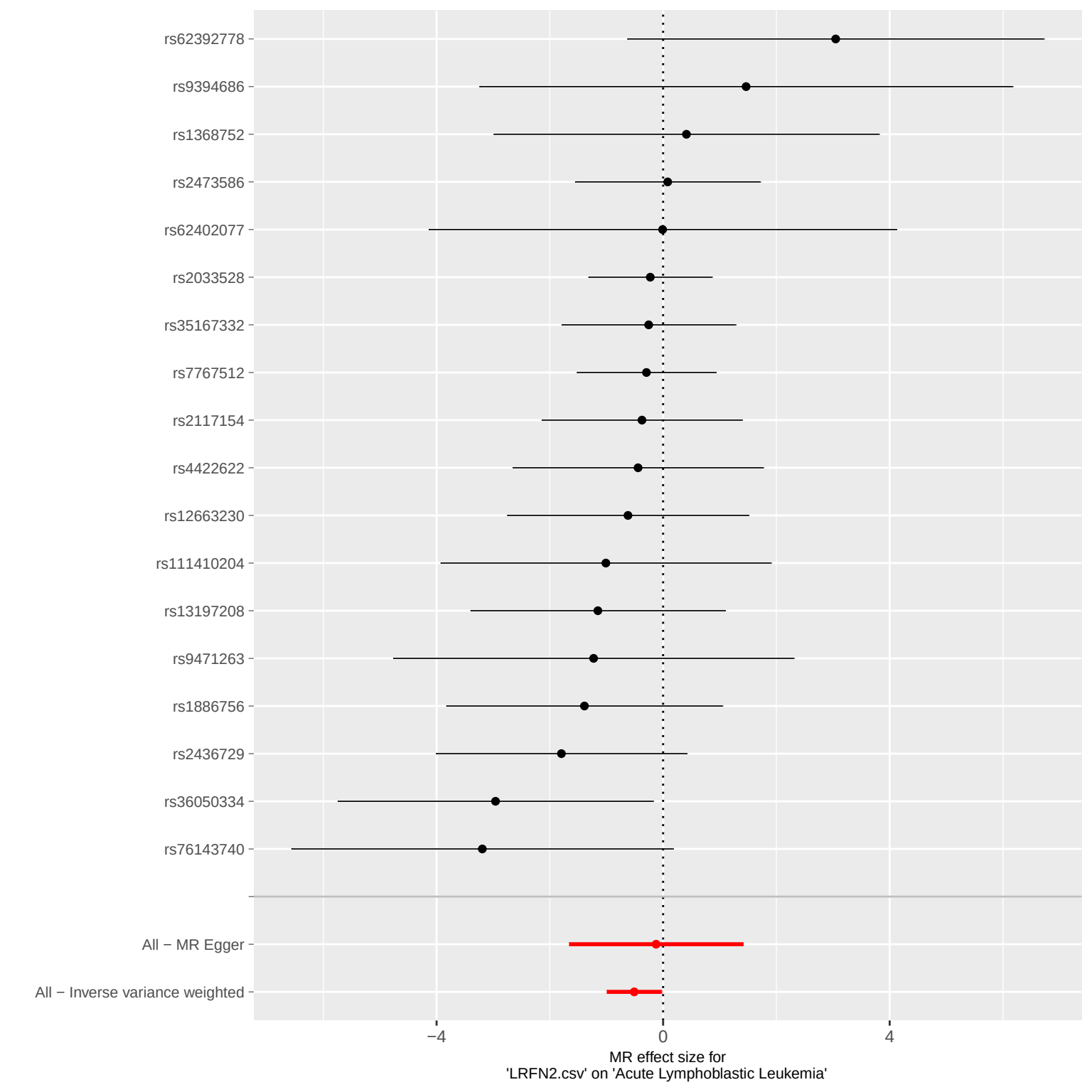
MR effect size for
'LPIN2.csv' on 'Acute Lymphoblastic Leukemia'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rs111410204
rs13197208
rs9471263
rs1886756
rs2436729
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All − MR Egger
All − Inverse variance weighted
−4
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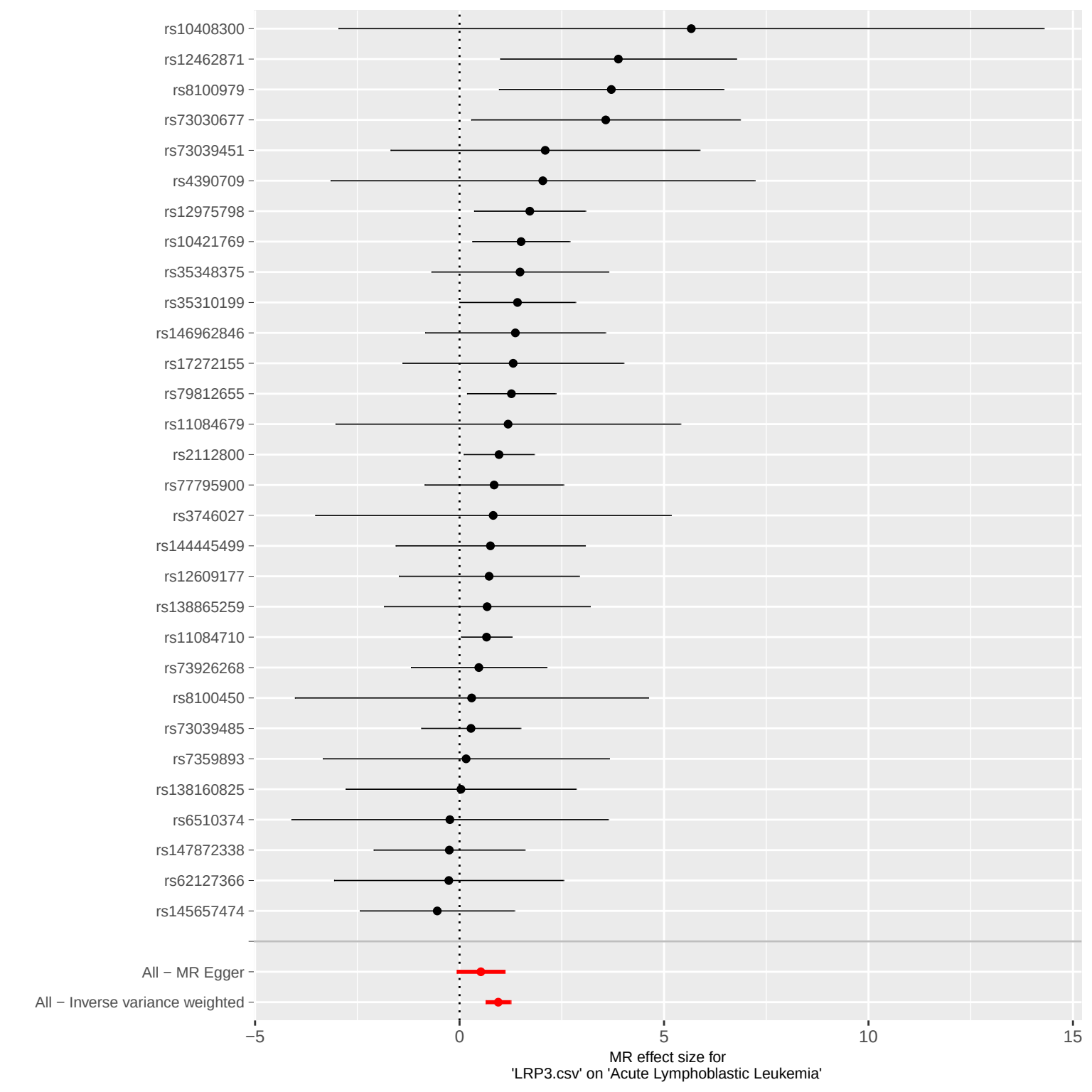
MR effect size for
'LRFN2.csv' on 'Acute Lymphoblastic Leukemia'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rs77795900
rs3746027
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rs138865259
rs11084710
rs73926268
rs8100450
rs73039485
rs7359893
rs138160825
rs6510374
rs147872338
rs62127366
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All − MR Egger
All − Inverse variance weighted
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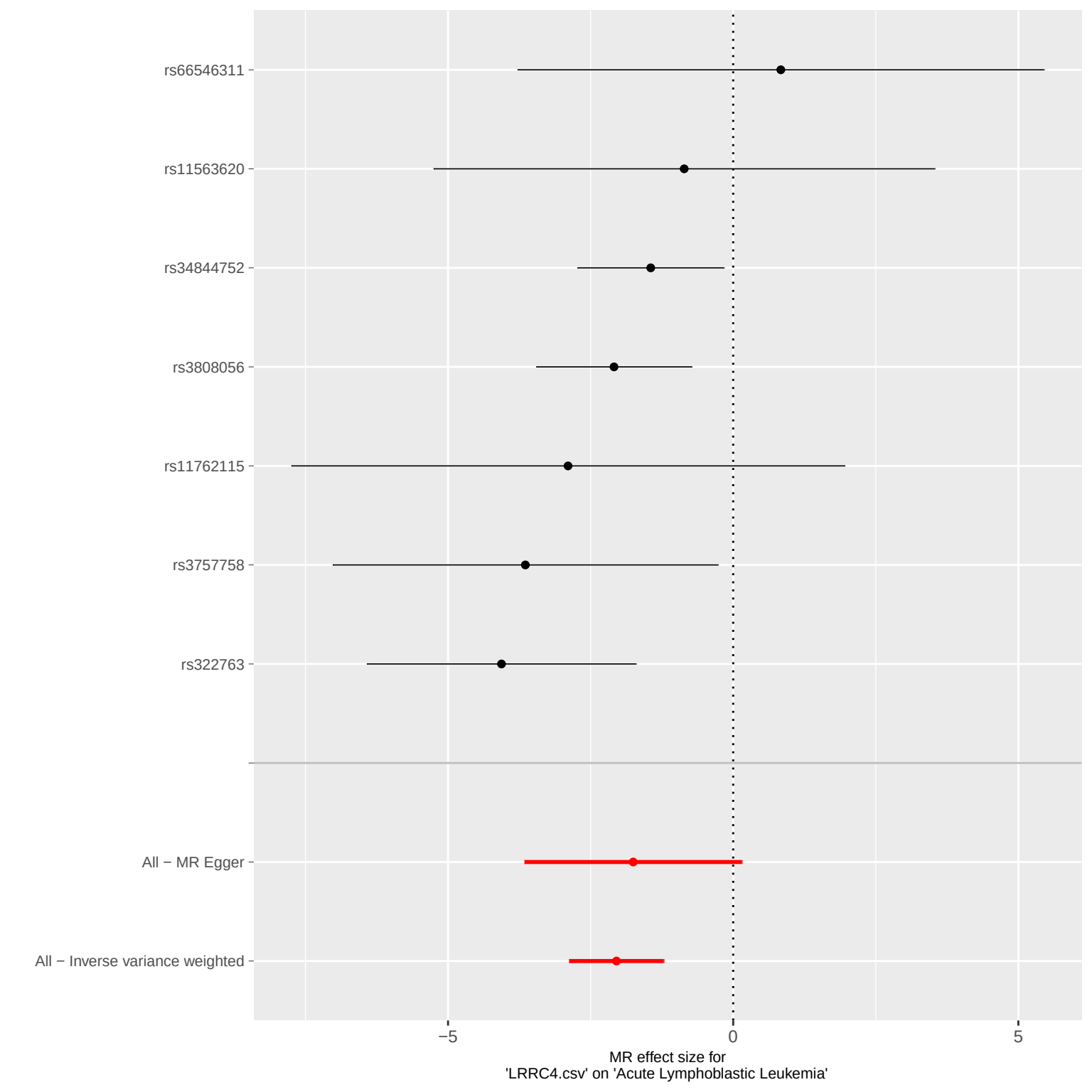
0
5
10
15
MR effect size for
'LRP3.csv' on 'Acute Lymphoblastic Leukemia'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rs11563620
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rs3808056
rs11762115
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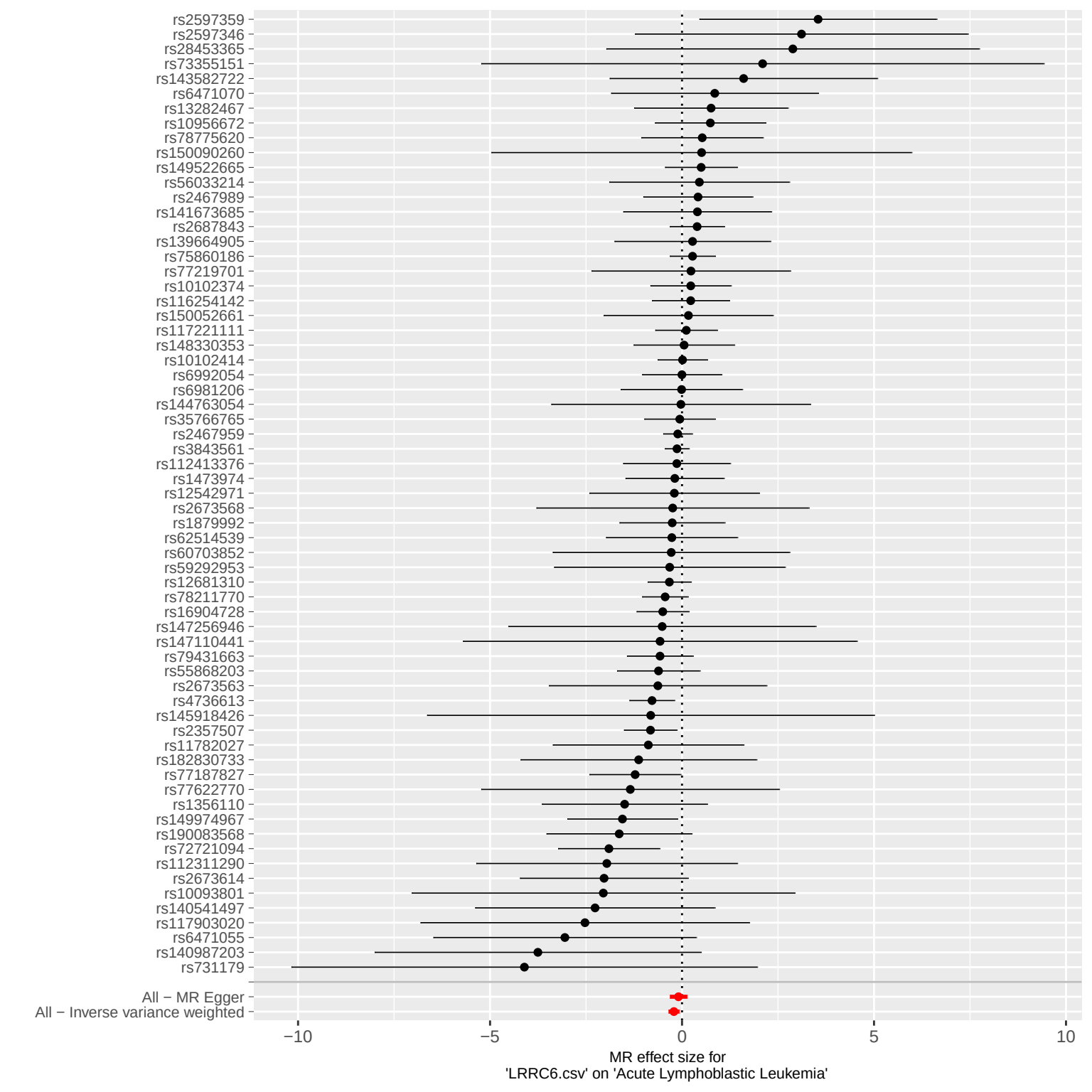
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'LRRC4.csv' on 'Acute Lymphoblastic Leukemia'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rs149974967
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rs72721094
rs112311290
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rs140541497
rs117903020
rs6471055
rs140987203
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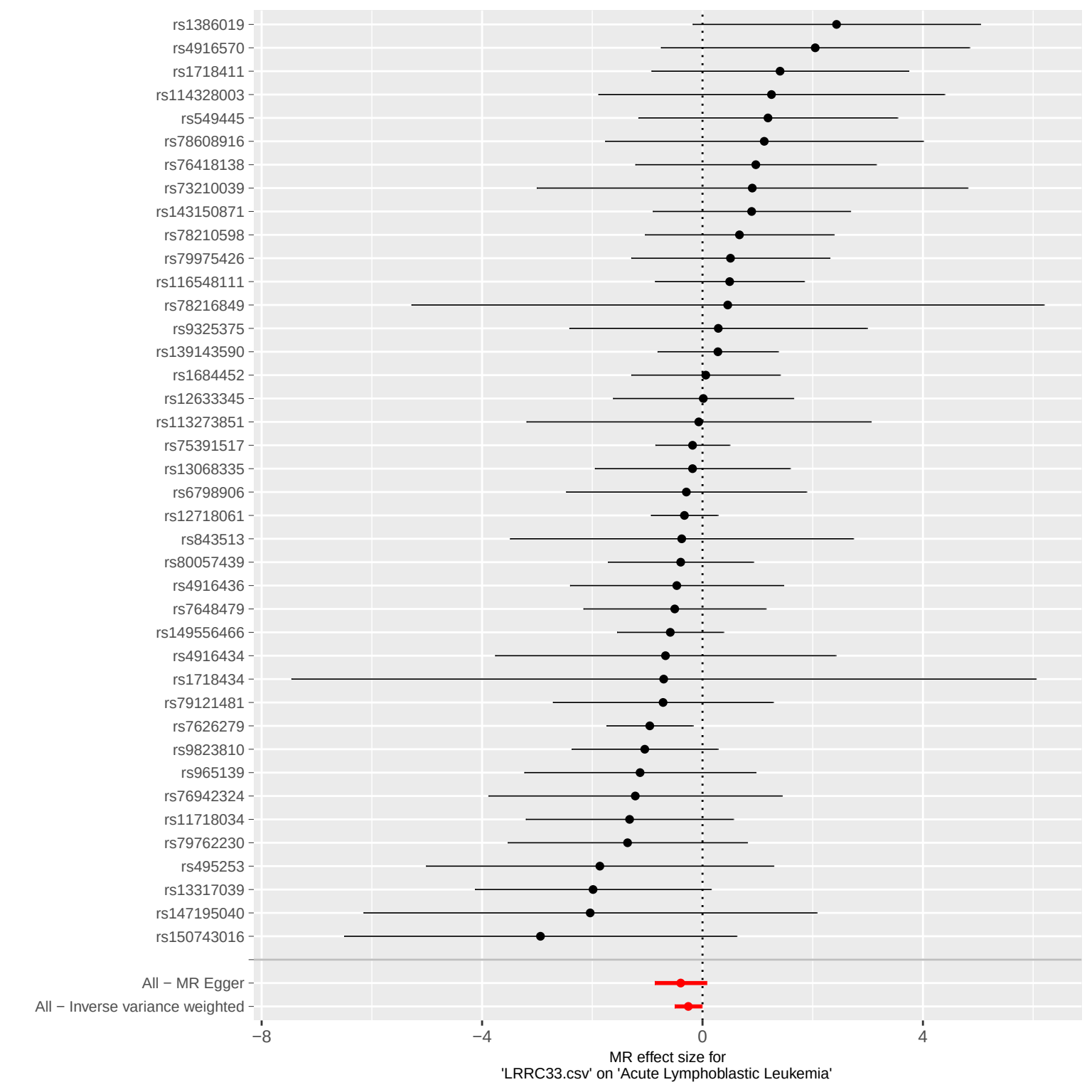
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'LRRC6.csv' on 'Acute Lymphoblastic Leukemia'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rs78216849
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rs965139
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rs11718034
rs79762230
rs495253
rs13317039
rs147195040
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All − MR Egger
All − Inverse variance weighted
−8
−4
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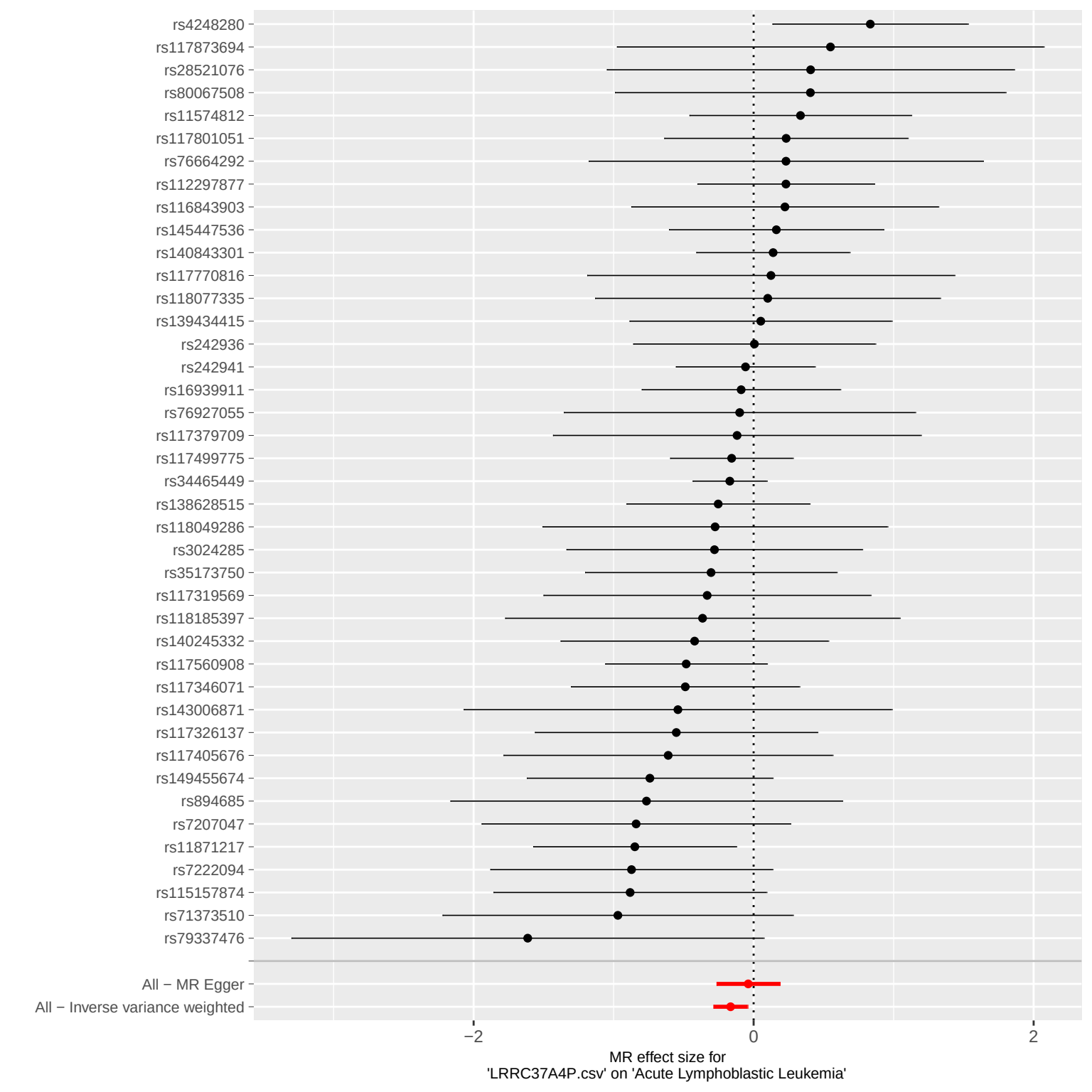
4
MR effect size for
'LRRC33.csv' on 'Acute Lymphoblastic Leukemia'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rs242941
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All − MR Egger
All − Inverse variance weighted
−2
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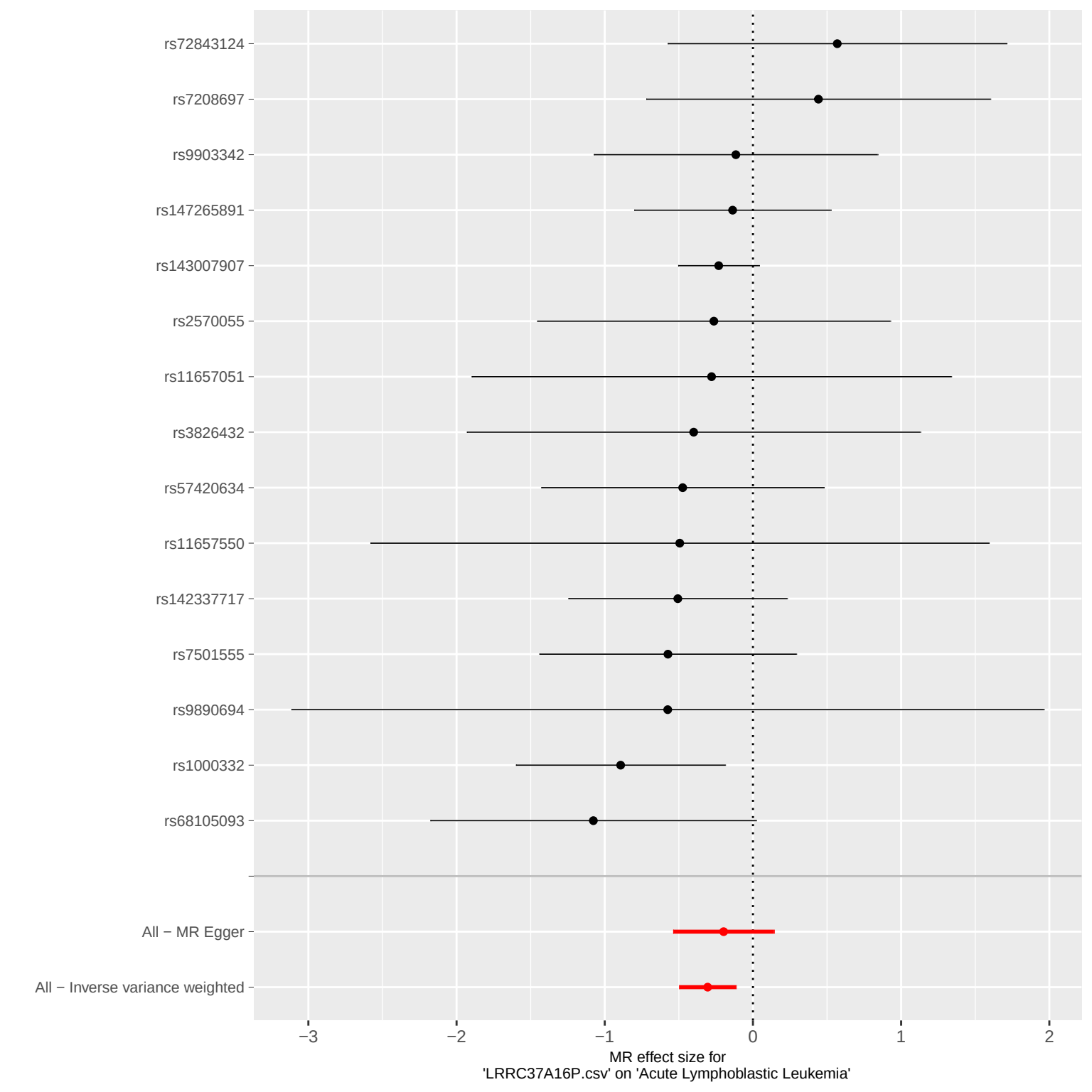
2
MR effect size for
'LRRC37A4P.csv' on 'Acute Lymphoblastic Leukemia'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rs2570055
rs11657051
rs3826432
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rs142337717
rs7501555
rs9890694
rs1000332
rs68105093
All − MR Egger
All − Inverse variance weighted
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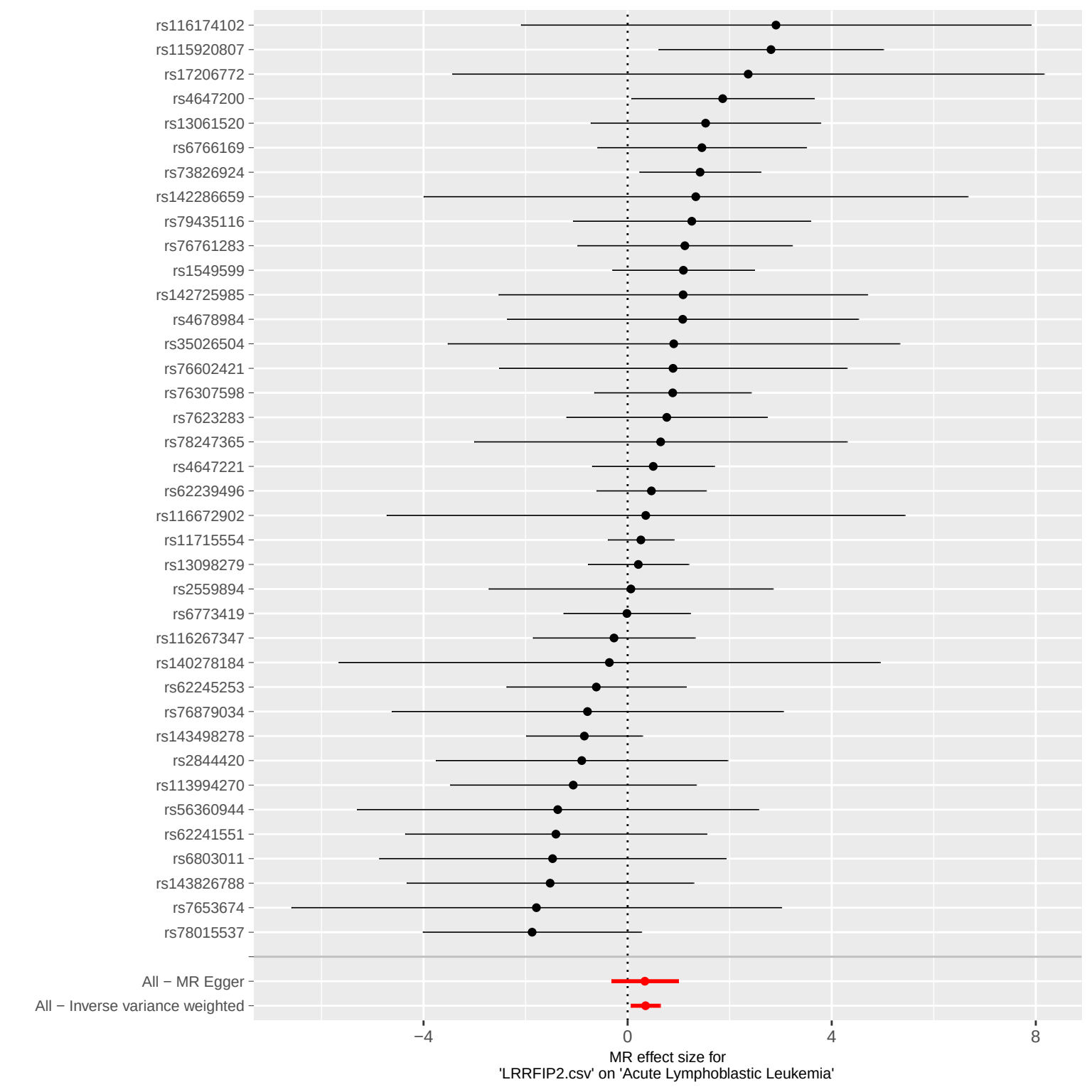
−2
−1
0
1
2
MR effect size for
'LRRC37A16P.csv' on 'Acute Lymphoblastic Leukemia'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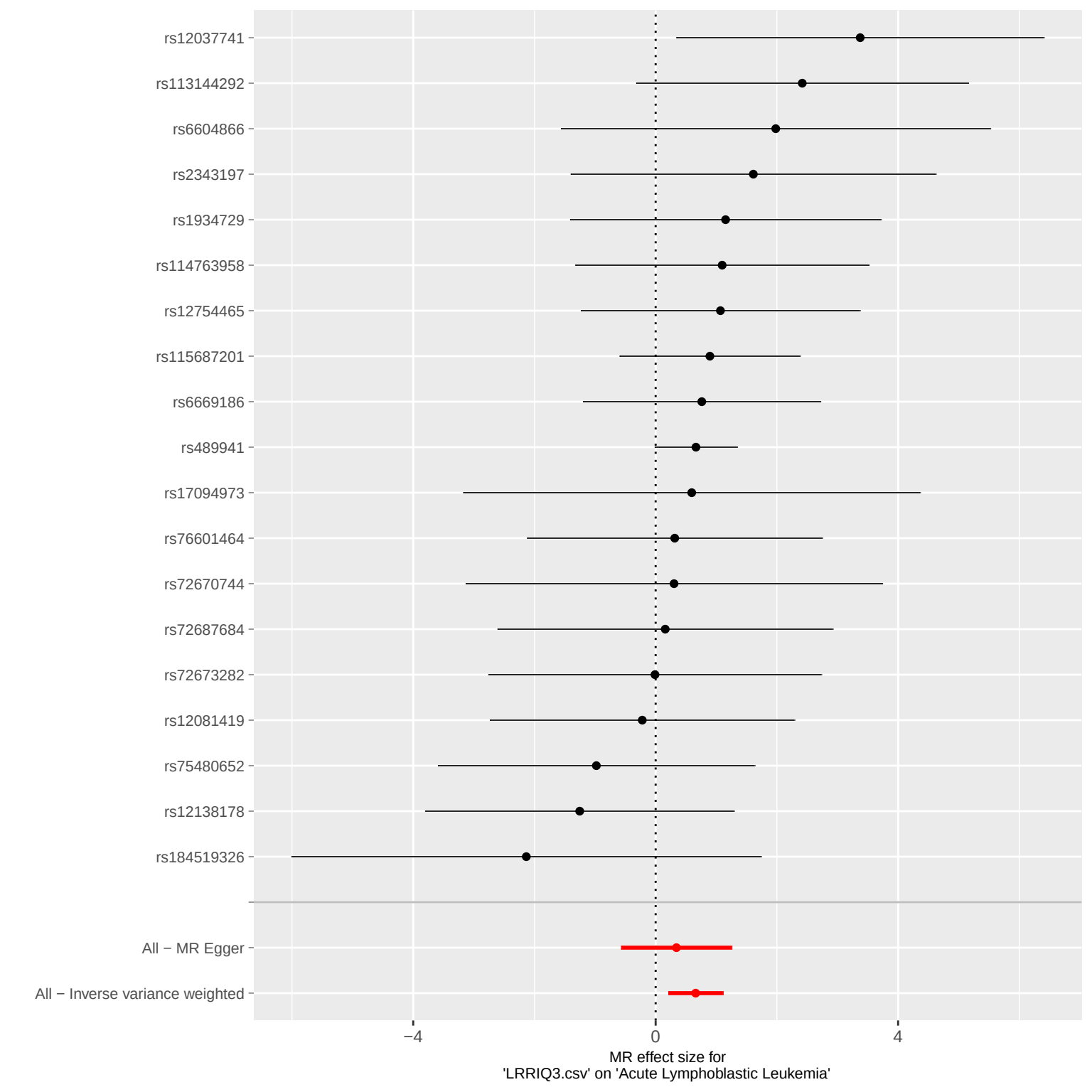
rs56360944
rs62241551
rs6803011
rs143826788
rs7653674
rs78015537
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'LRRFIP2.csv' on 'Acute Lymphoblastic Leukemia'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rs75480652
rs12138178
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All − MR Egger
All − Inverse variance weighted
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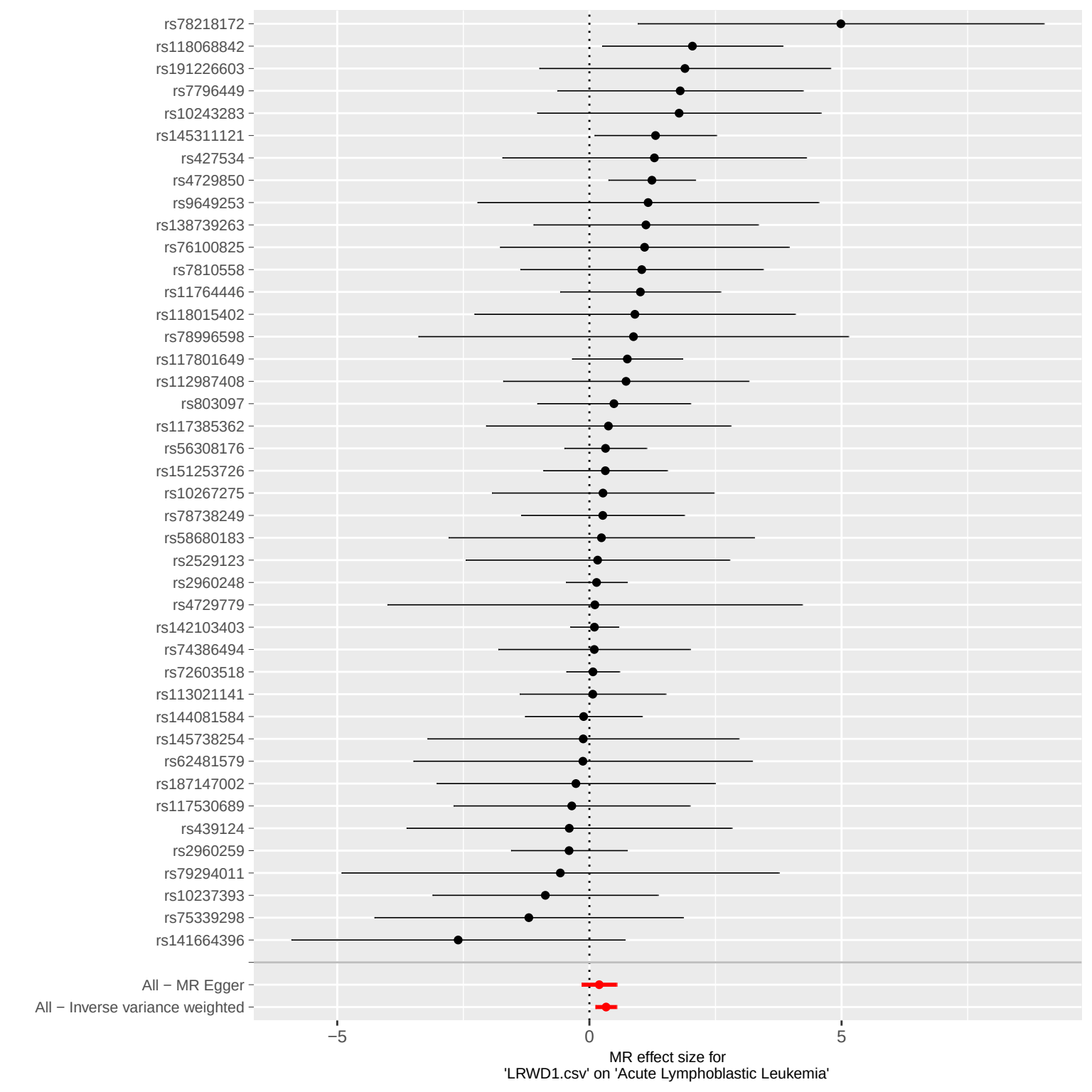
4
MR effect size for
'LRRIQ3.csv' on 'Acute Lymphoblastic Leukemia'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rs7810558
rs11764446
rs118015402
rs78996598
rs117801649
rs112987408
rs803097
rs117385362
rs56308176
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rs145738254
rs62481579
rs187147002
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rs439124
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rs10237393
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All − MR Egger
All − Inverse variance weighted
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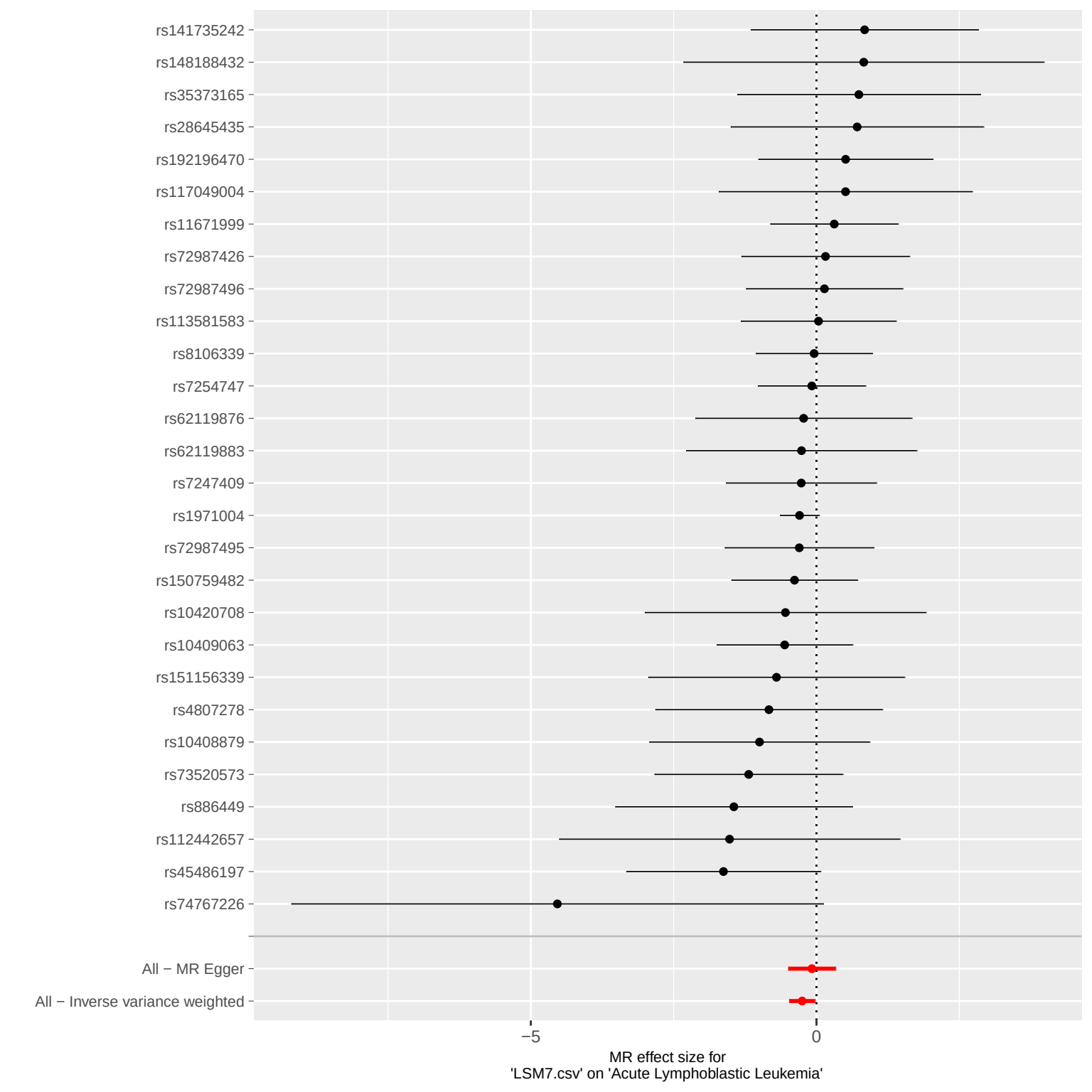
MR effect size for
'LRWD1.csv' on 'Acute Lymphoblastic Leukemia'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rs10409063
rs151156339
rs4807278
rs10408879
rs73520573
rs886449
rs112442657
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All − MR Egger
All − Inverse variance weighted
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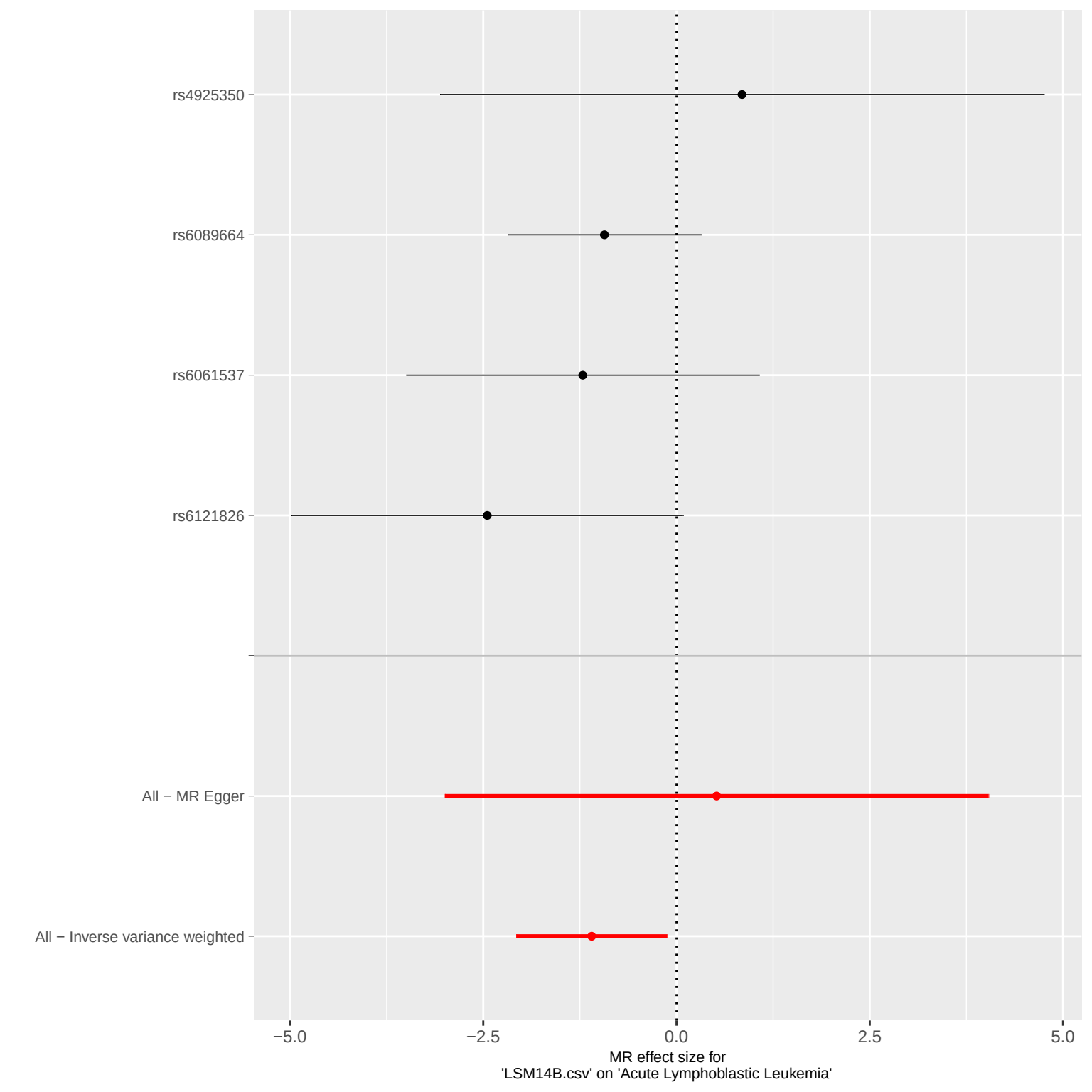
MR effect size for
'LSM7.csv' on 'Acute Lymphoblastic Leukemia'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rs6089664
rs6061537
rs6121826
All − MR Egger
All − Inverse variance weighted
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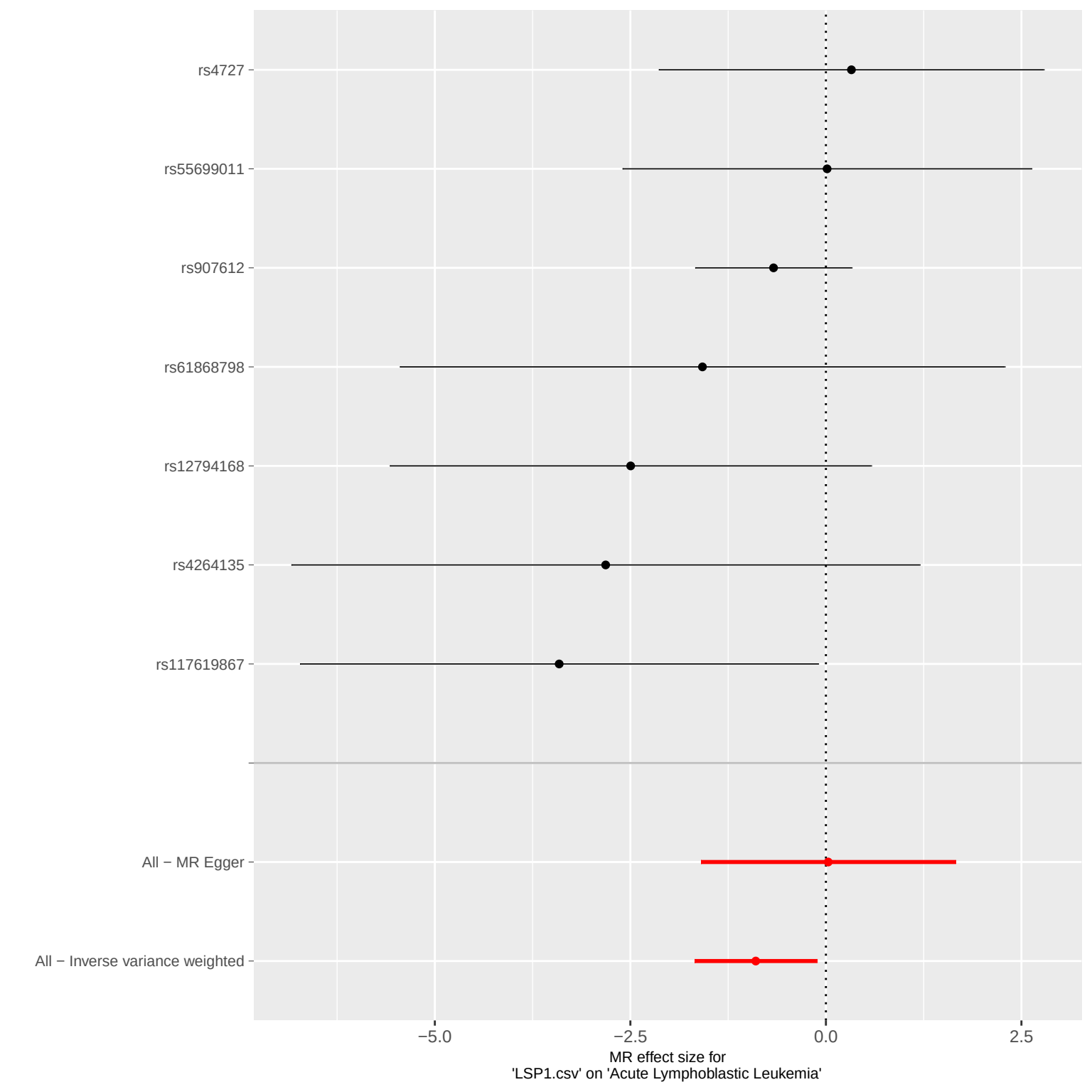
−2.5
0.0
2.5
5.0
MR effect size for
'LSM14B.csv' on 'Acute Lymphoblastic Leukemia'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rs4264135
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All − Inverse variance weighted
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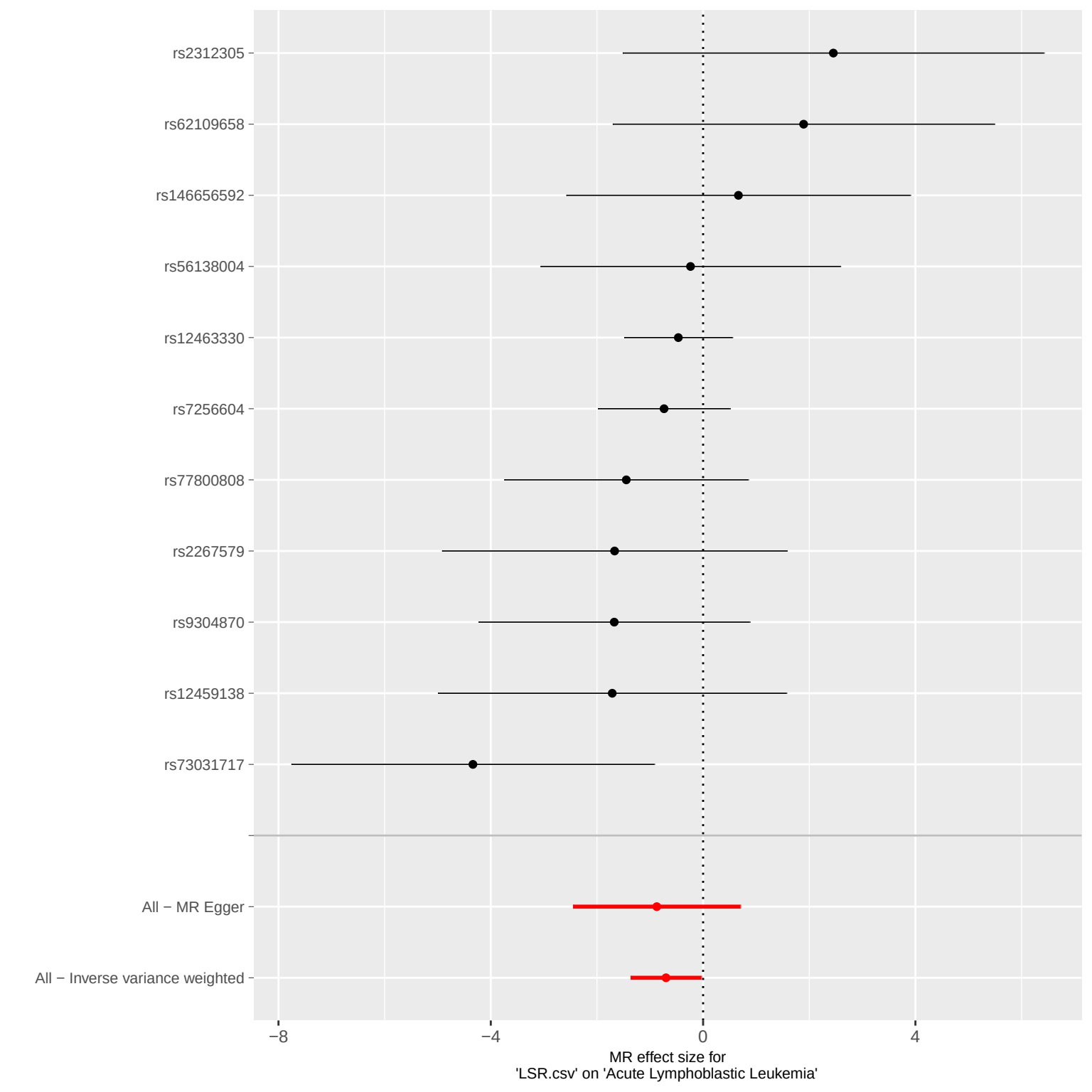
−2.5
0.0
2.5
MR effect size for
'LSP1.csv' on 'Acute Lymphoblastic Leukemia'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rs56138004
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rs7256604
rs77800808
rs2267579
rs9304870
rs12459138
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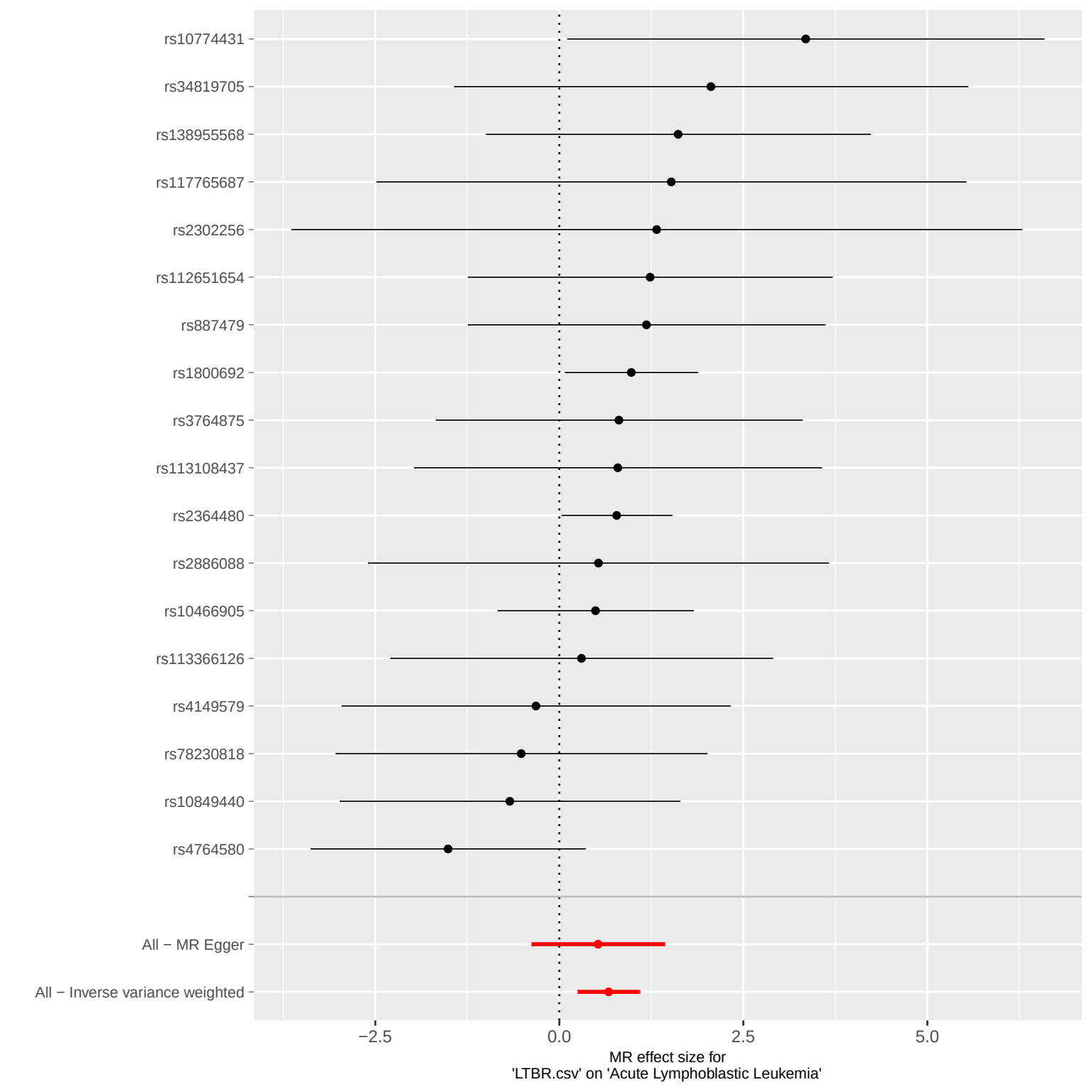
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'LSR.csv' on 'Acute Lymphoblastic Leukemia'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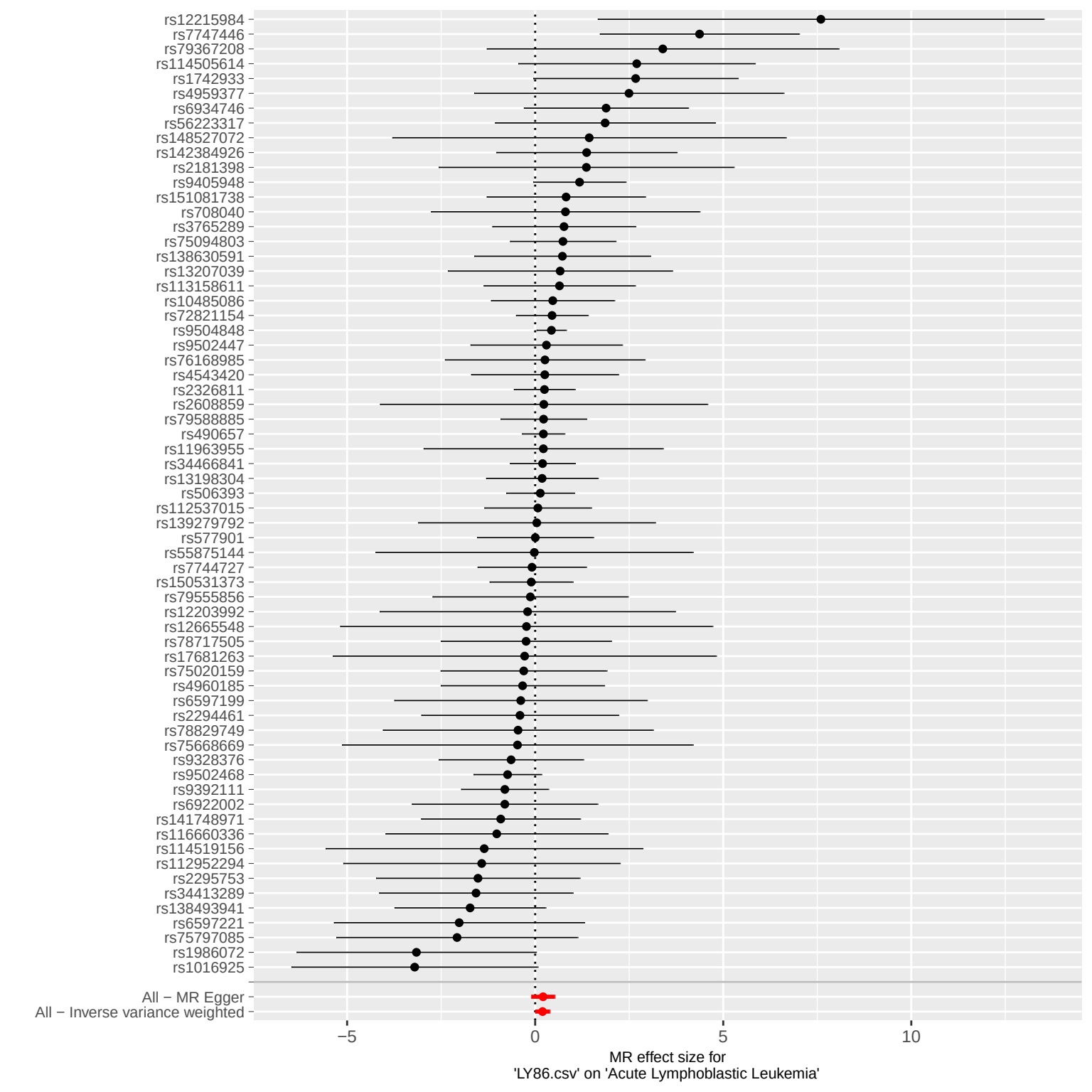
rs2886088
rs10466905
rs113366126
rs4149579
rs78230818
rs10849440
rs4764580
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'LTBR.csv' on 'Acute Lymphoblastic Leukemia'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rs114519156
rs112952294
rs2295753
rs34413289
rs138493941
rs6597221
rs75797085
rs1986072
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All − MR Egger
All − Inverse variance weighted
−5
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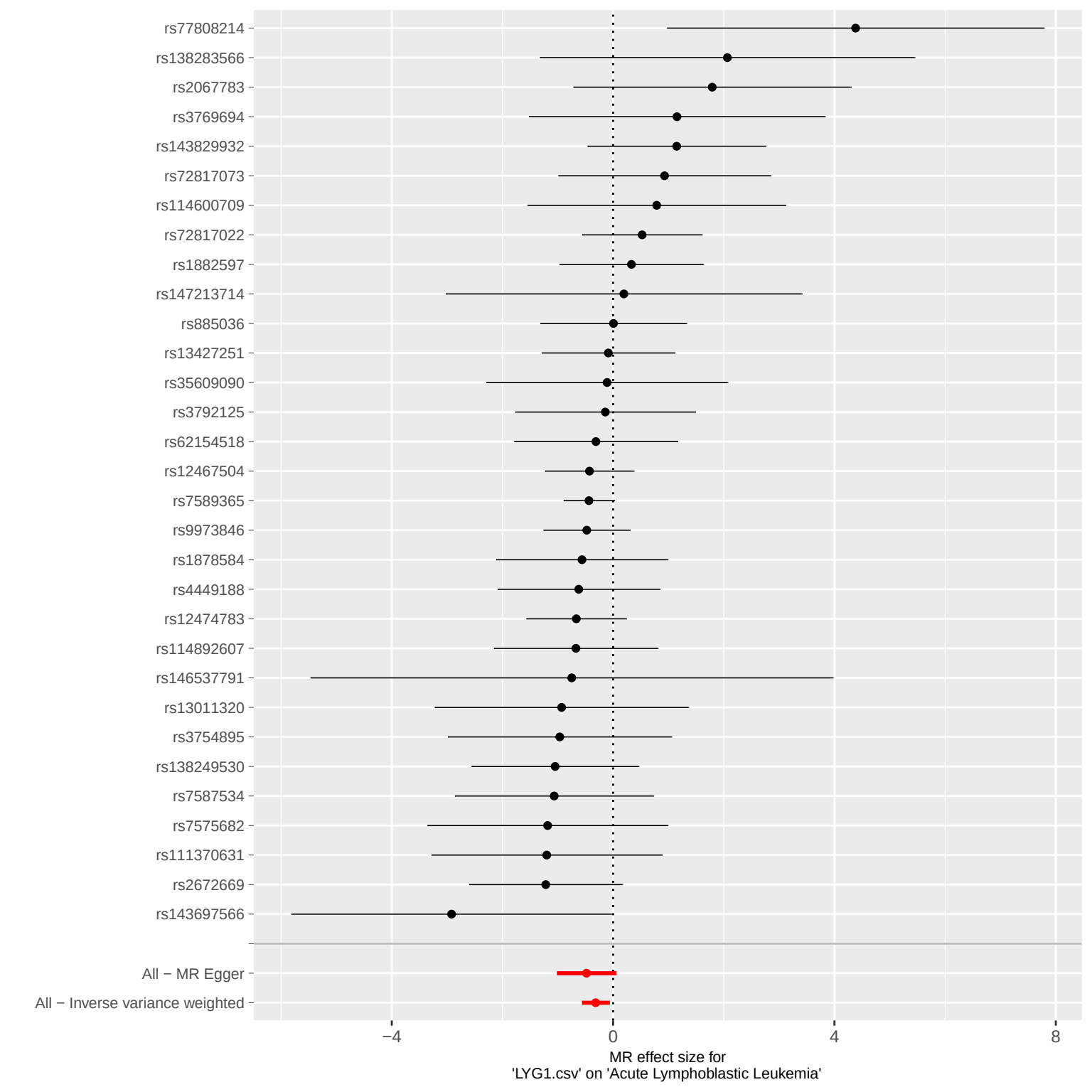
5
10
MR effect size for
'LY86.csv' on 'Acute Lymphoblastic Leukemia'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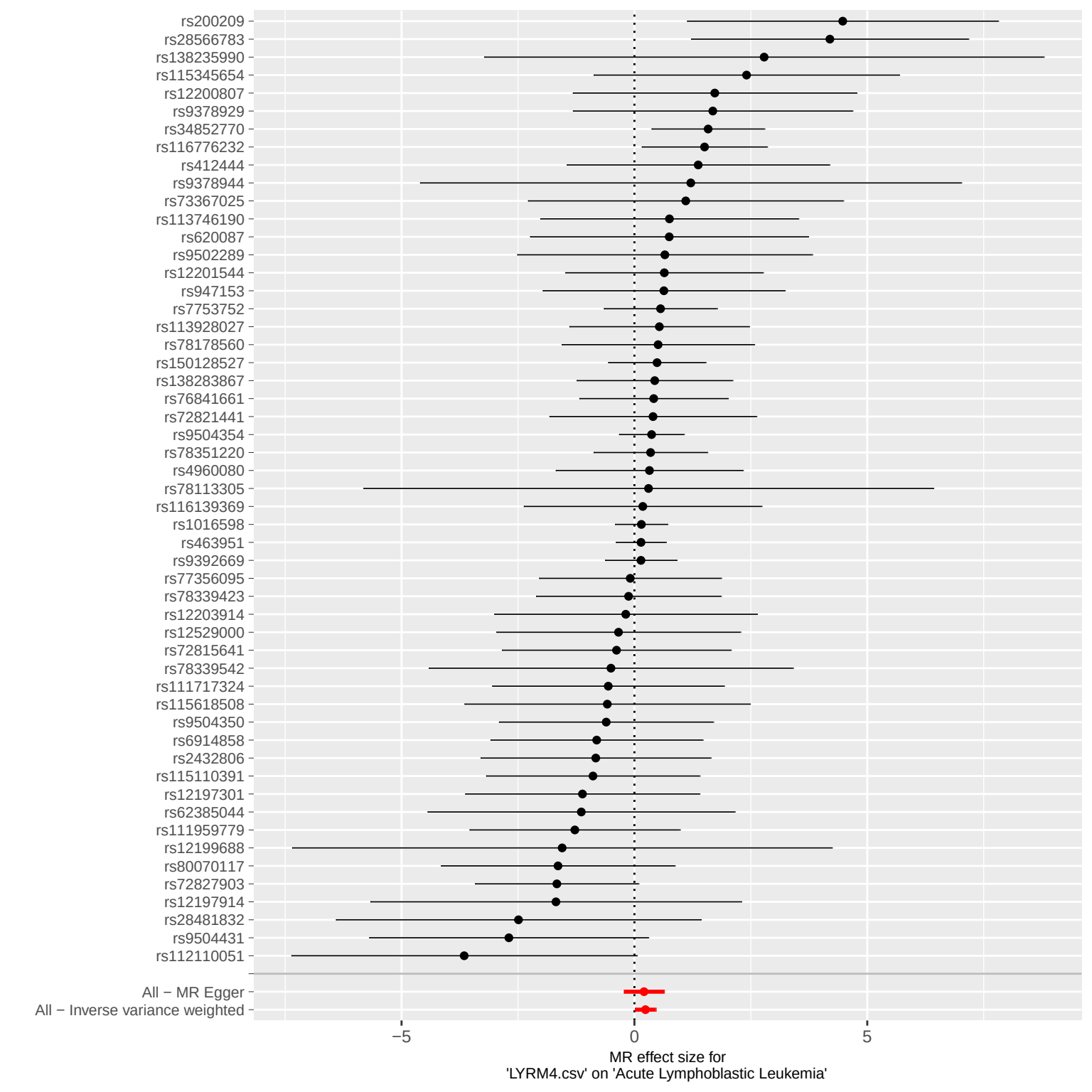
rs114892607
rs146537791
rs13011320
rs3754895
rs138249530
rs7587534
rs7575682
rs111370631
rs2672669
rs143697566
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'LYG1.csv' on 'Acute Lymphoblastic Leukemia'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rs28481832
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All − MR Egger
All − Inverse variance weighted
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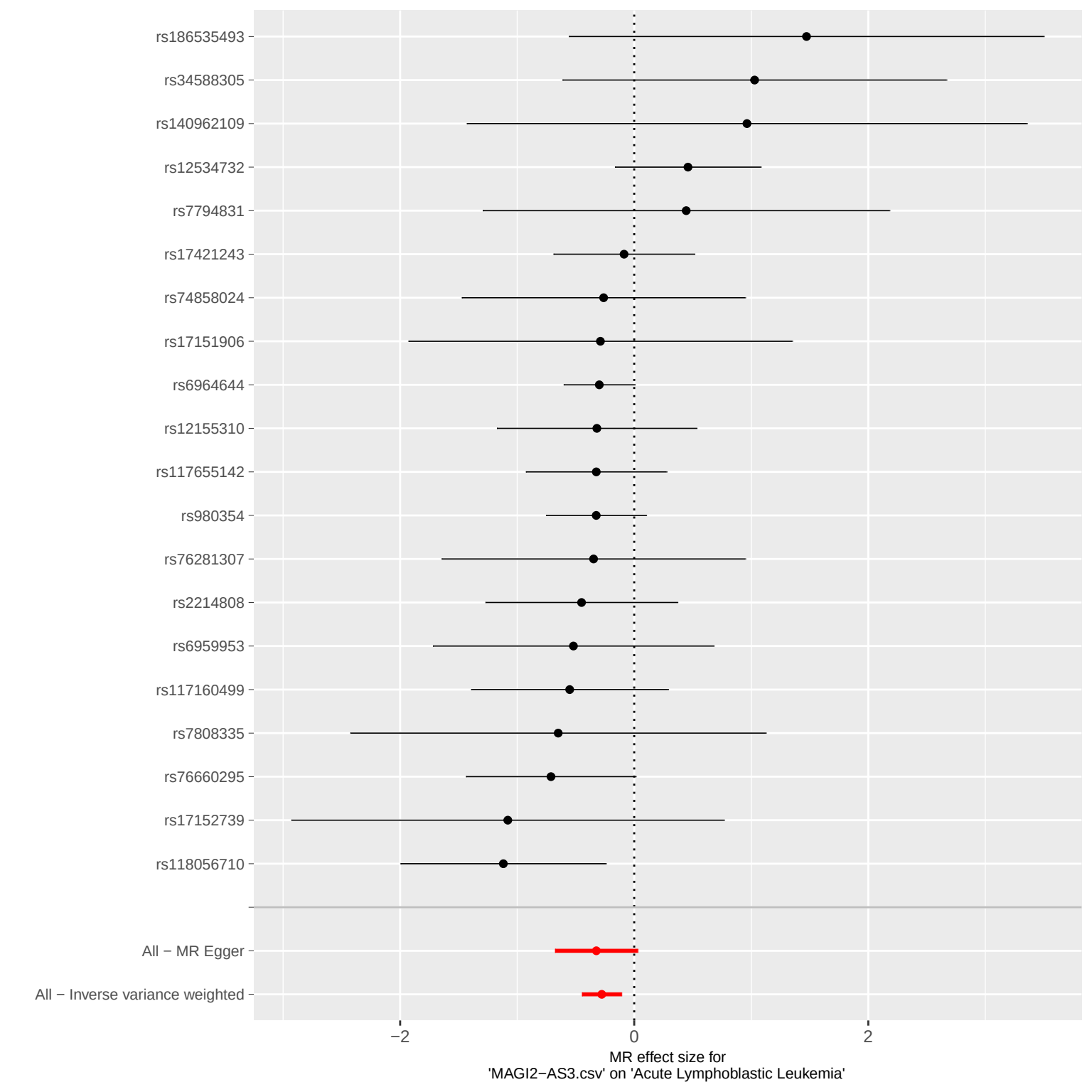
MR effect size for
'LYRM4.csv' on 'Acute Lymphoblastic Leukemia'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rs980354
rs76281307
rs2214808
rs6959953
rs117160499
rs7808335
rs76660295
rs17152739
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All − MR Egger
All − Inverse variance weighted
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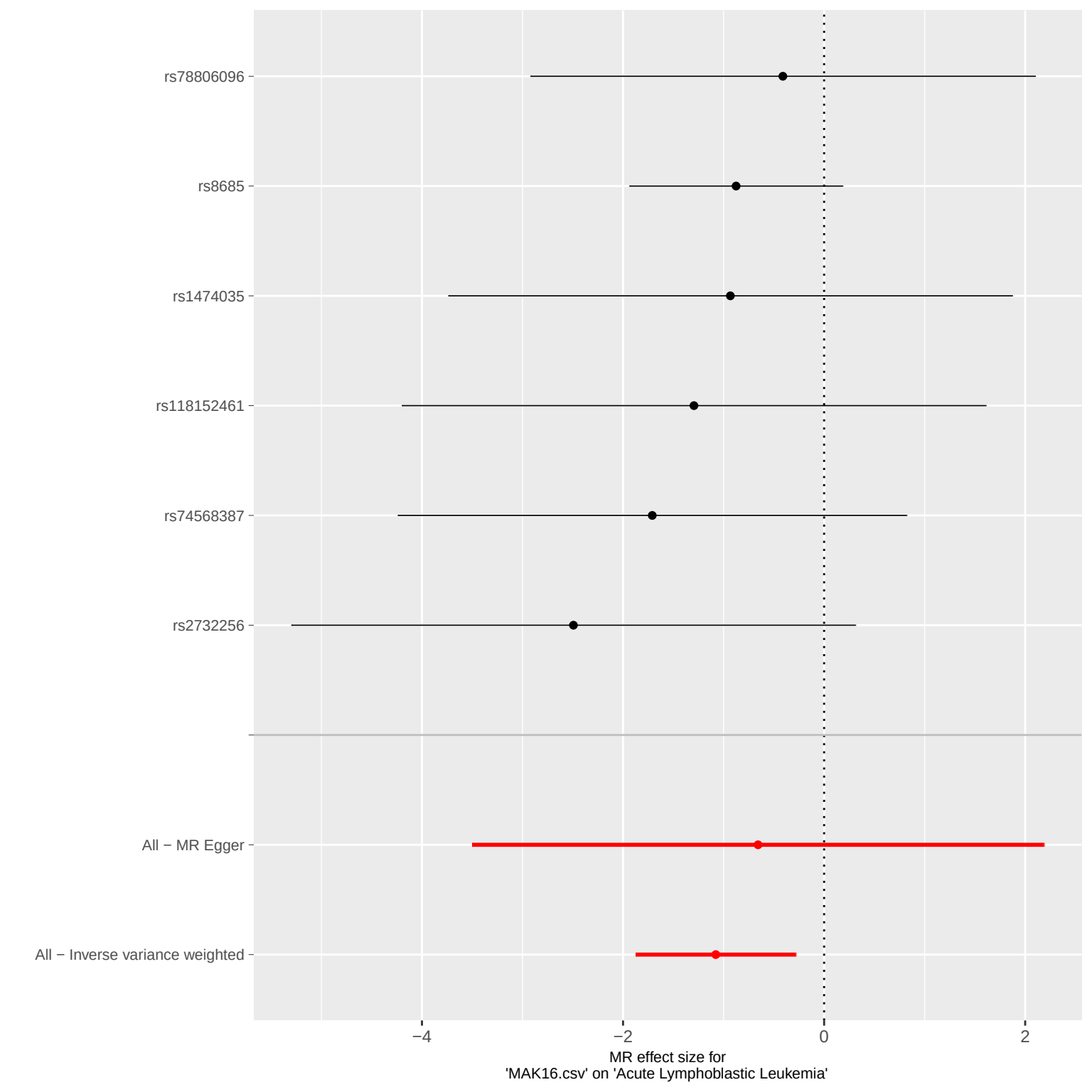
MR effect size for
'MAGI2−AS3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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−2
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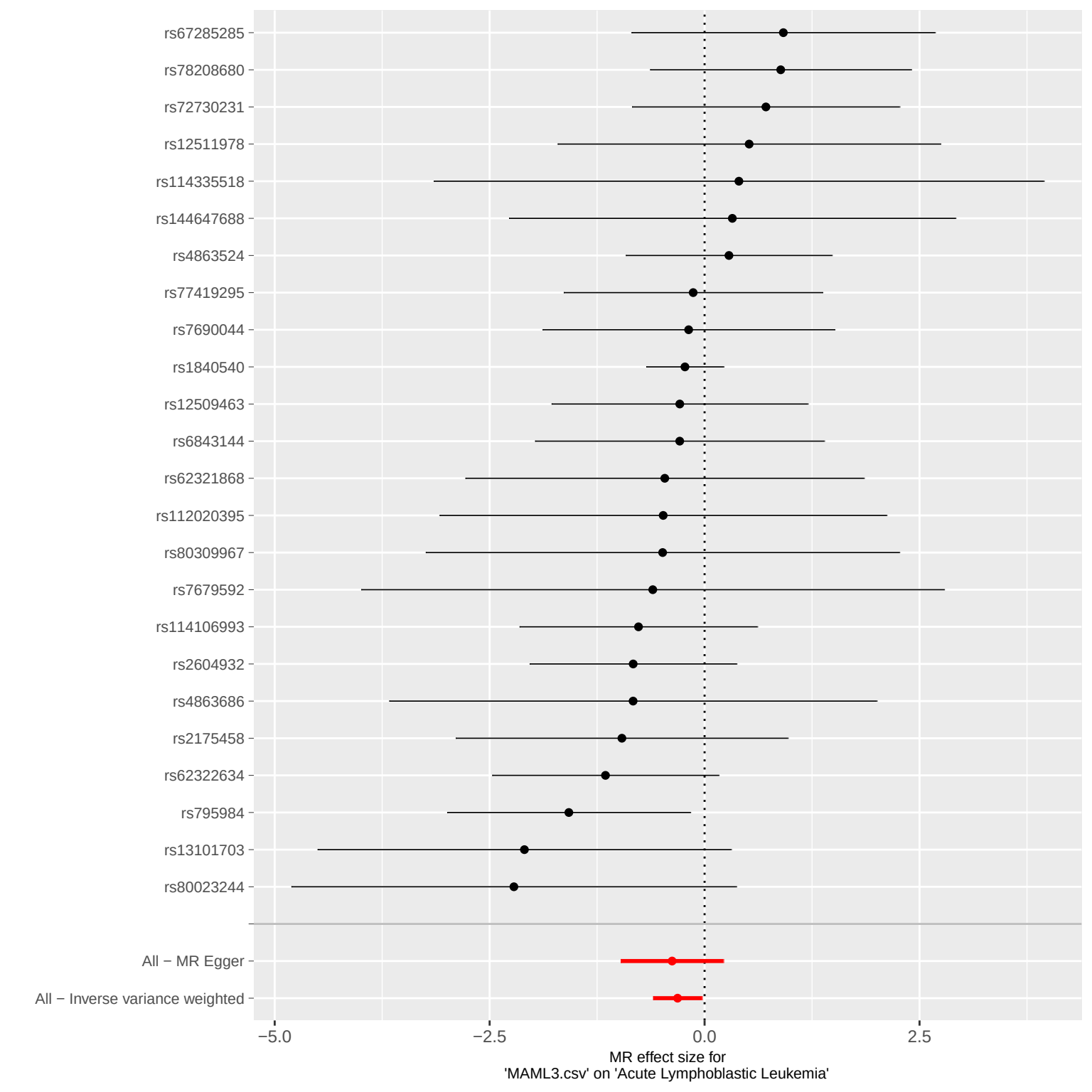
MR effect size for
'MAK16.csv' on 'Acute Lymphoblastic Leukemia'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rs62322634
rs795984
rs13101703
rs80023244
All − MR Egger
All − Inverse variance weighted
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−2.5
0.0
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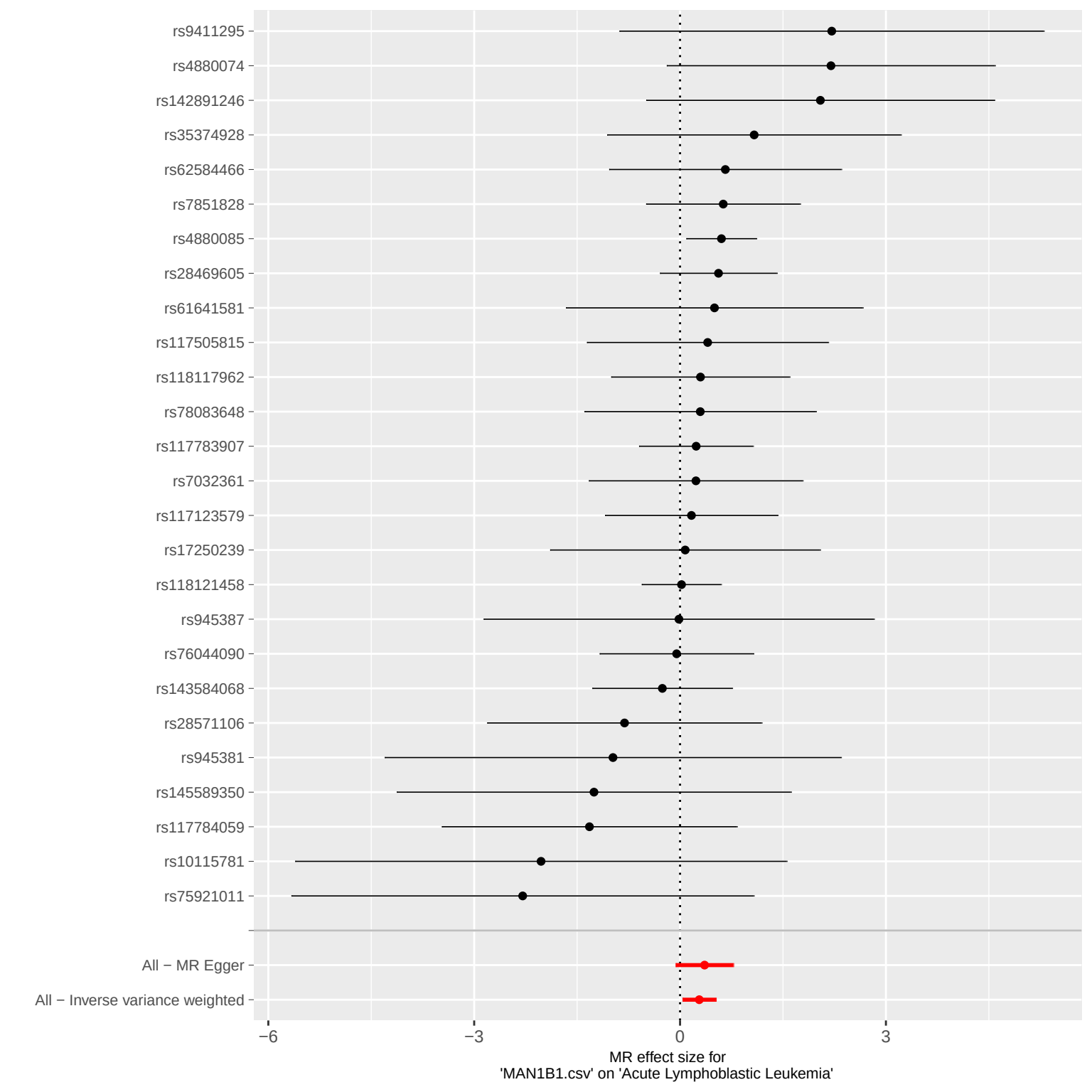
MR effect size for
'MAML3.csv' on 'Acute Lymphoblastic Leukemia'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rs145589350
rs117784059
rs10115781
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All − MR Egger
All − Inverse variance weighted
−6
−3
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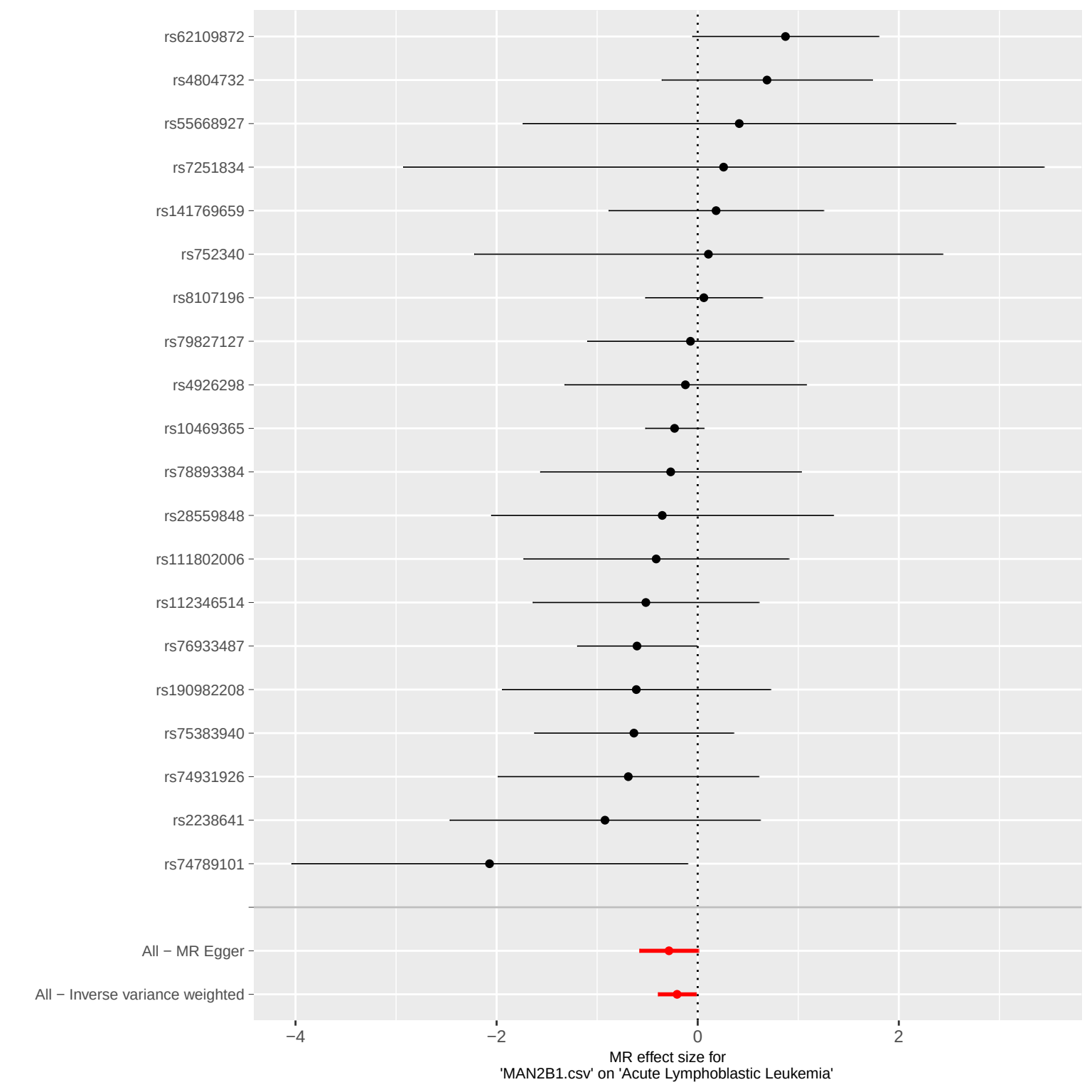
3
MR effect size for
'MAN1B1.csv' on 'Acute Lymphoblastic Leukemia'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rs112346514
rs76933487
rs190982208
rs75383940
rs74931926
rs2238641
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All − MR Egger
All − Inverse variance weighted
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−2
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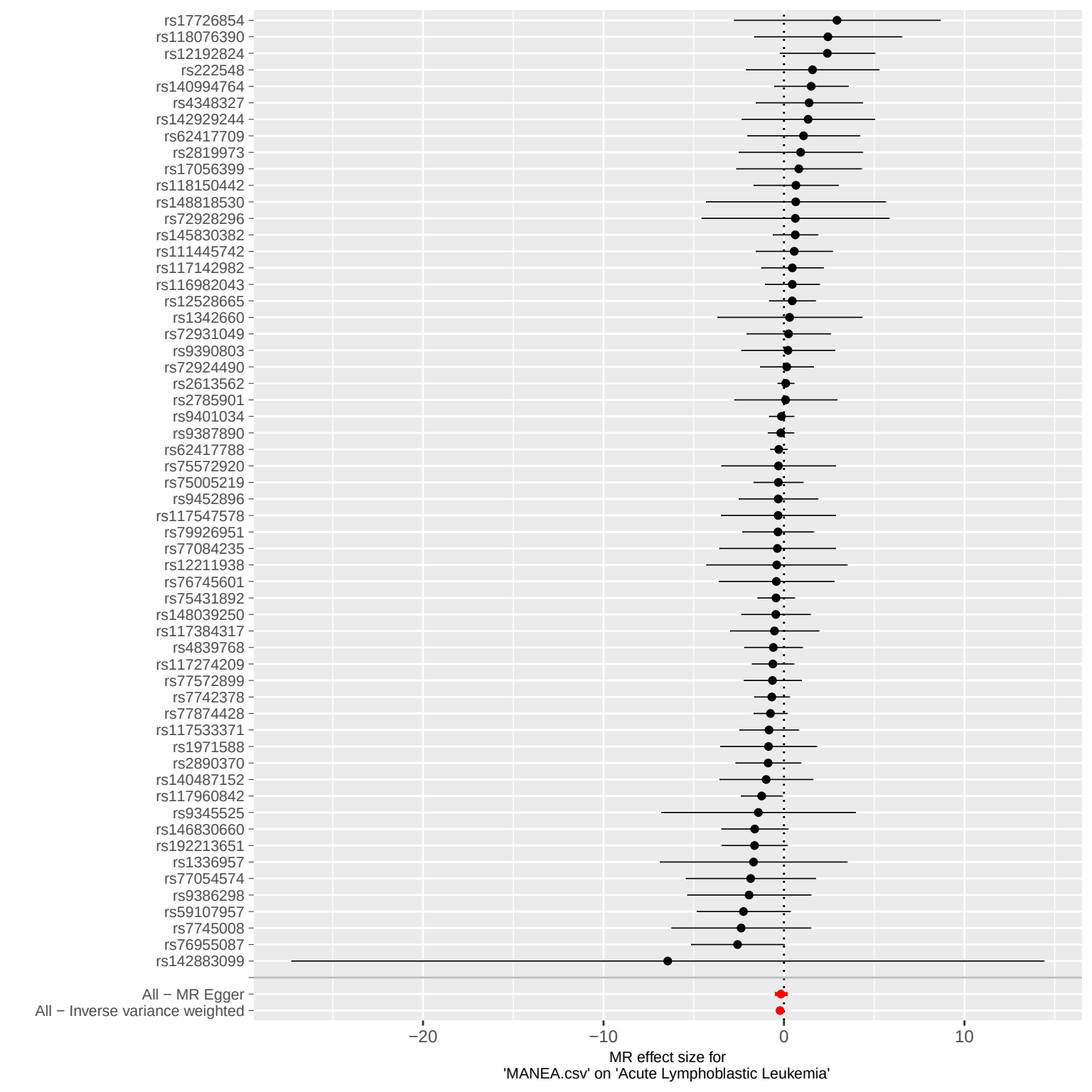
MR effect size for
'MAN2B1.csv' on 'Acute Lymphoblastic Leukemia'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rs77054574
rs9386298
rs59107957
rs7745008
rs76955087
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All − MR Egger
All − Inverse variance weighted
−20
−10
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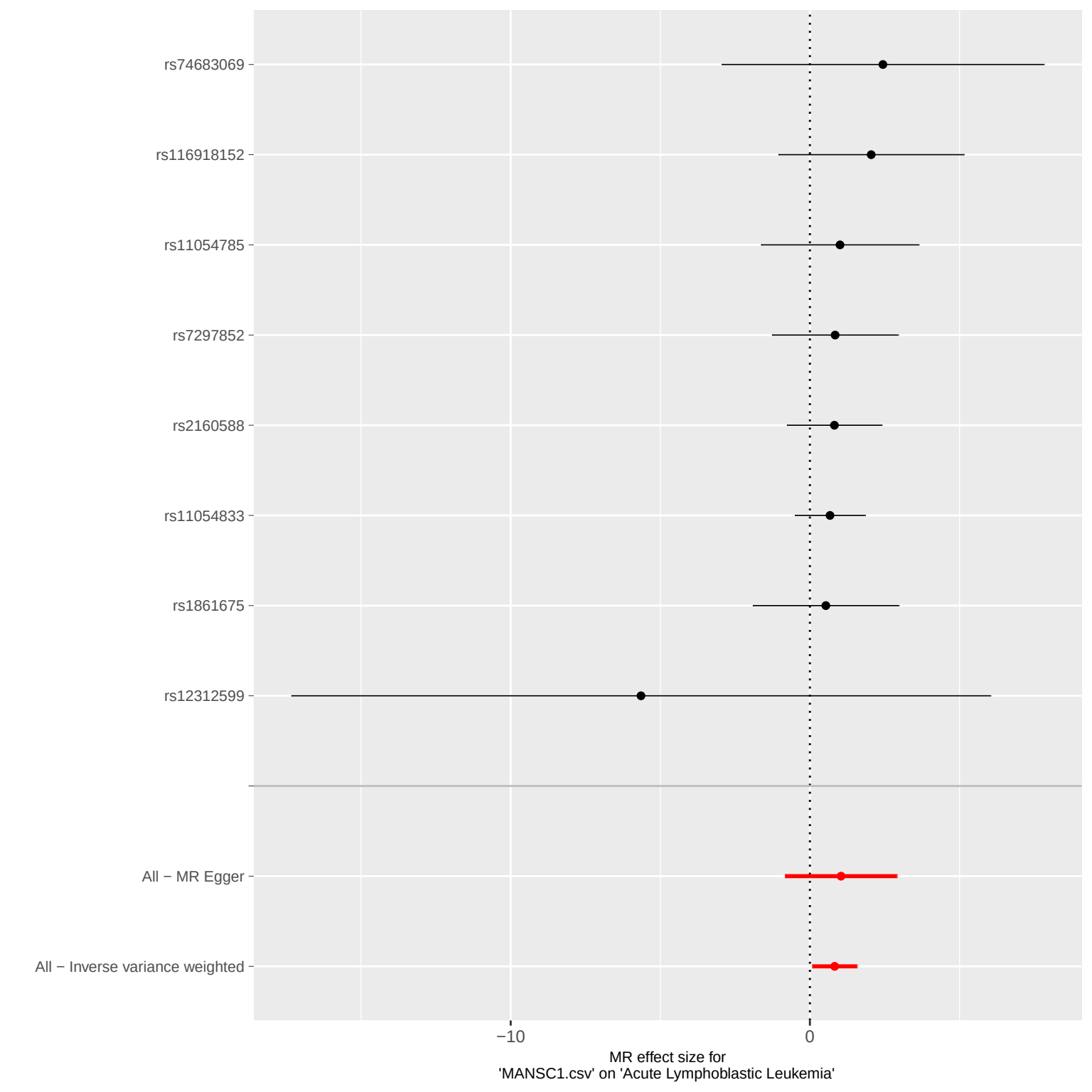
MR effect size for
'MANEA.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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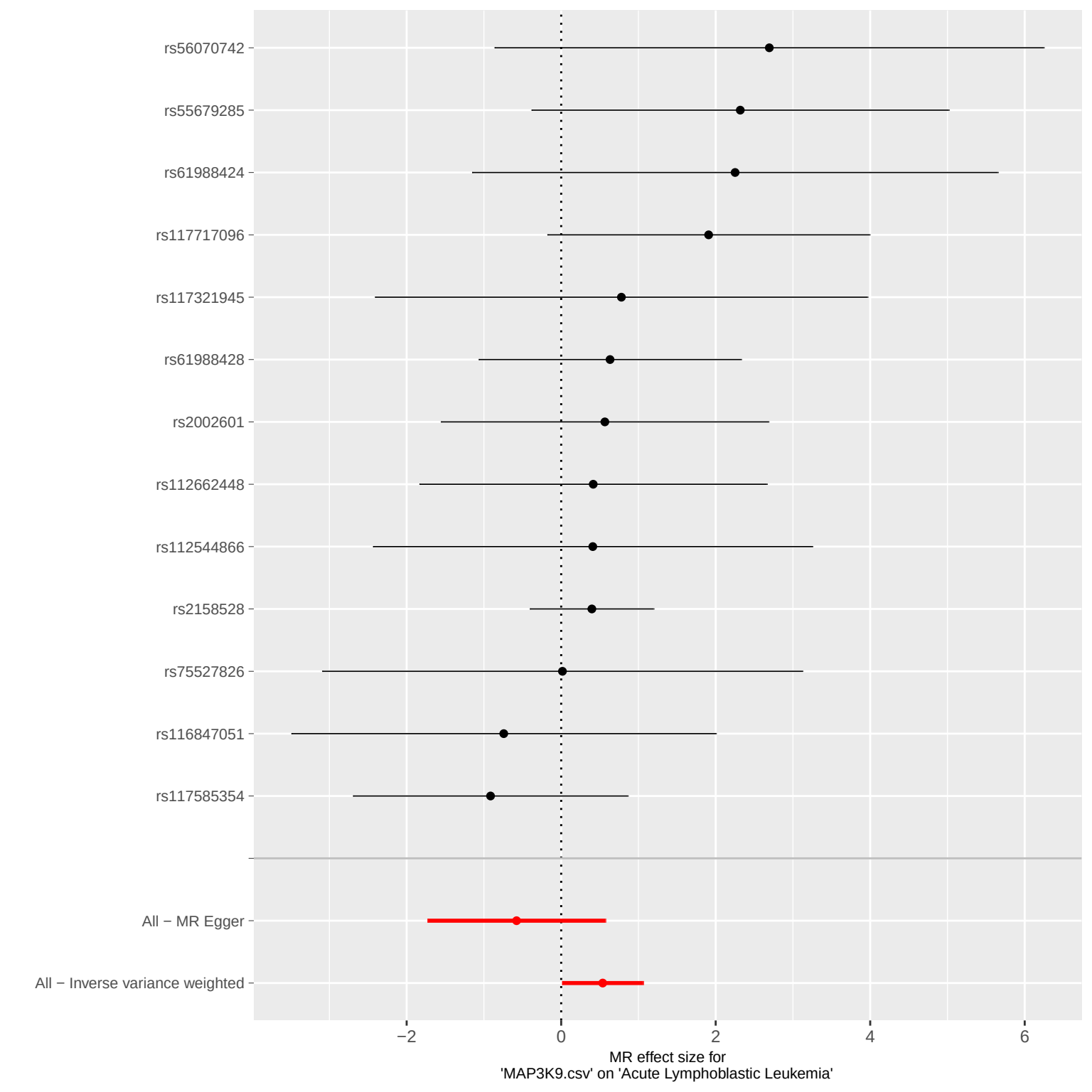
MR effect size for
'MANSC1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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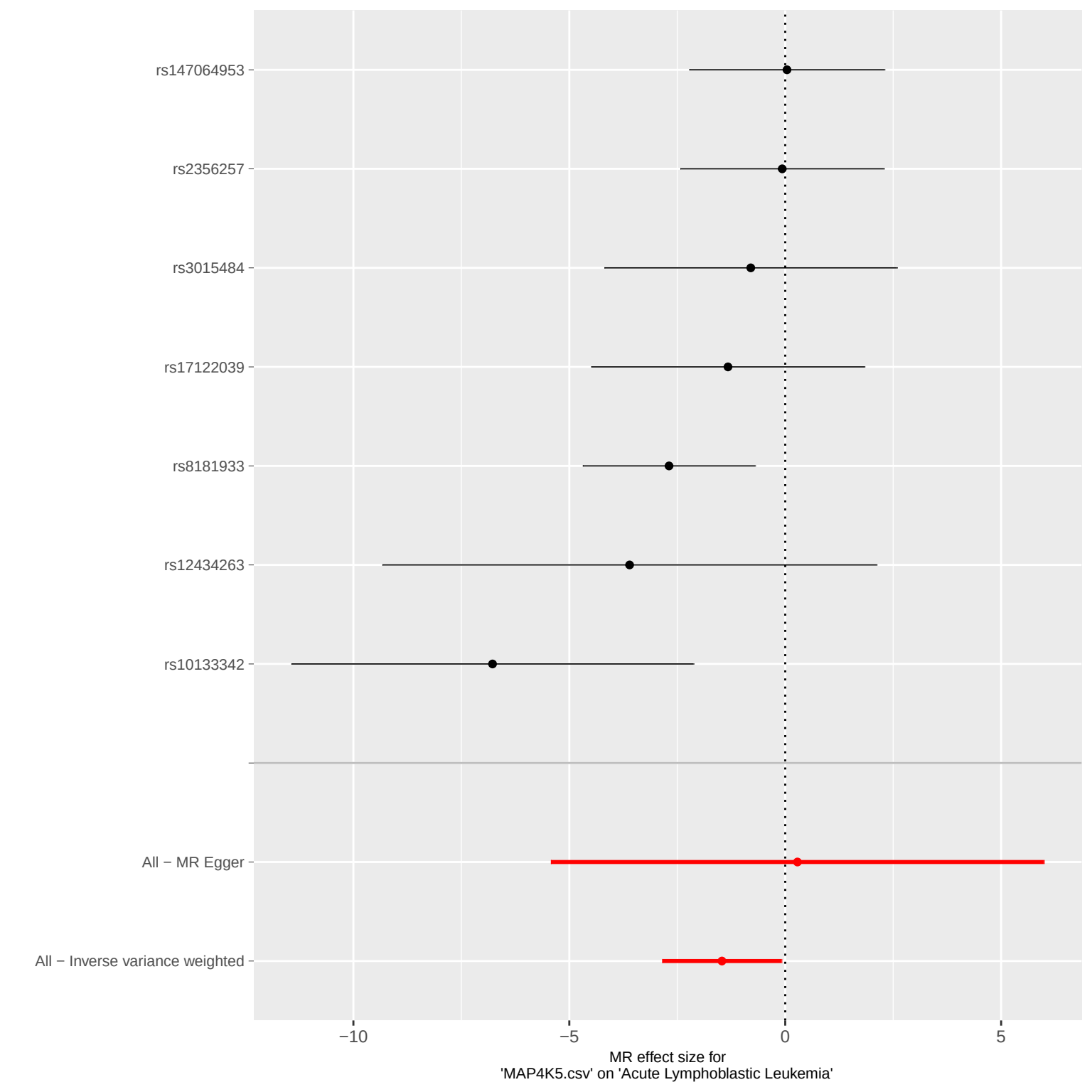
2
4
6
MR effect size for
'MAP3K9.csv' on 'Acute Lymphoblastic Leukemia'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rs8181933
rs12434263
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All − MR Egger
All − Inverse variance weighted
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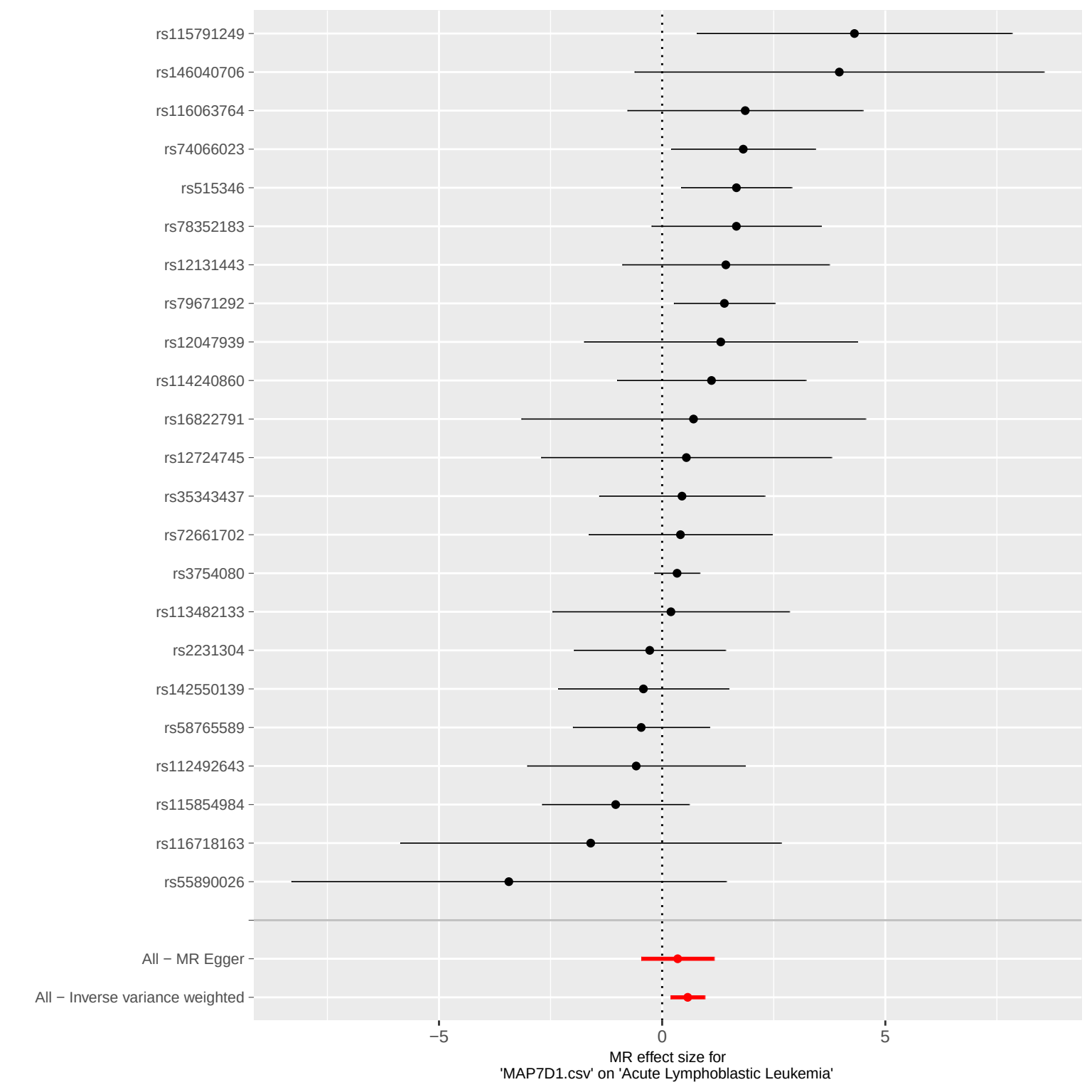
−5
0
5
MR effect size for
'MAP4K5.csv' on 'Acute Lymphoblastic Leukemia'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rs16822791
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rs3754080
rs113482133
rs2231304
rs142550139
rs58765589
rs112492643
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All − MR Egger
All − Inverse variance weighted
−5
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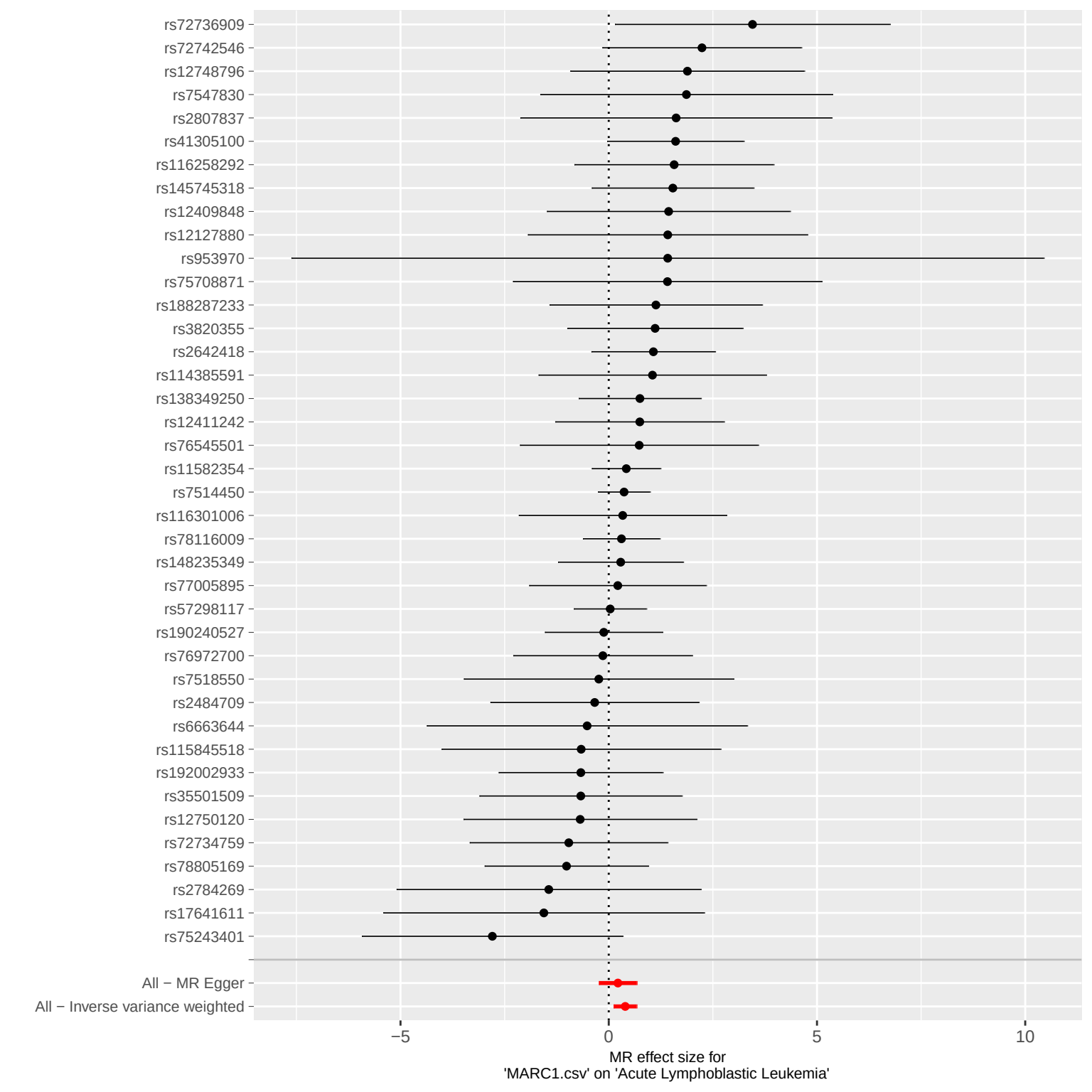
5
MR effect size for
'MAP7D1.csv' on 'Acute Lymphoblastic Leukemia'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rs12750120
rs72734759
rs78805169
rs2784269
rs17641611
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All − MR Egger
All − Inverse variance weighted
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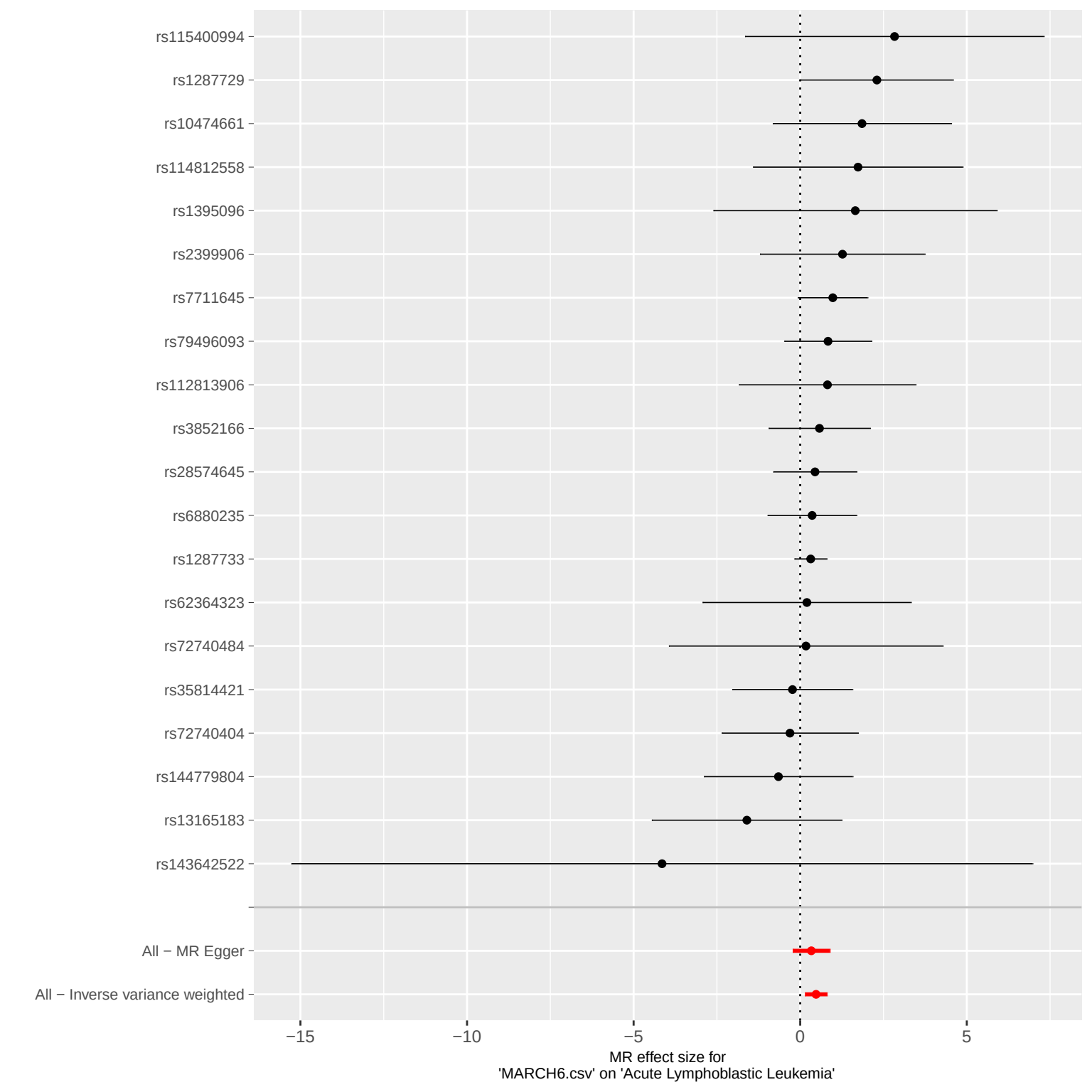
5
10
MR effect size for
'MARC1.csv' on 'Acute Lymphoblastic Leukemia'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rs35814421
rs72740404
rs144779804
rs13165183
rs143642522
All − MR Egger
All − Inverse variance weighted
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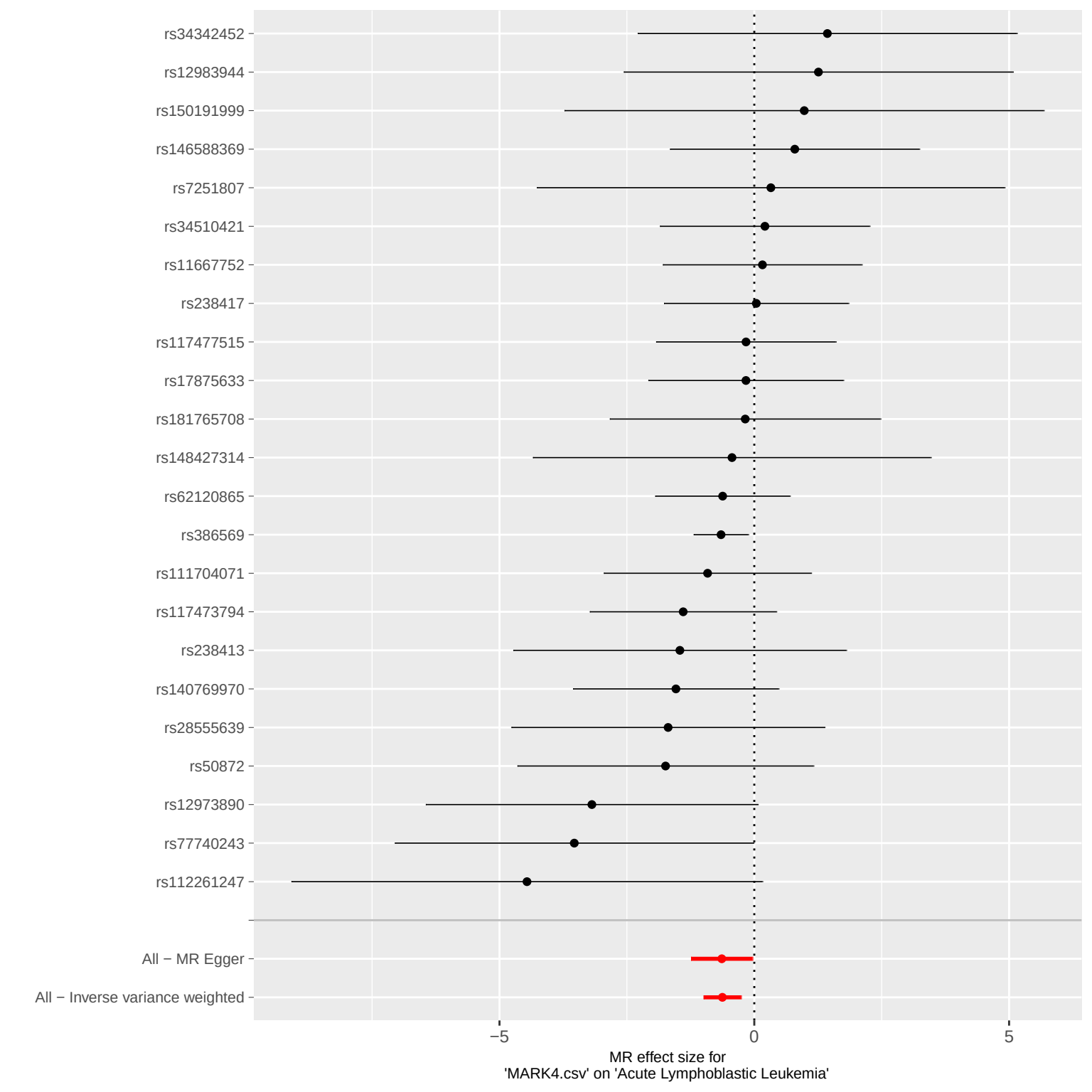
−5
0
5
MR effect size for
'MARCH6.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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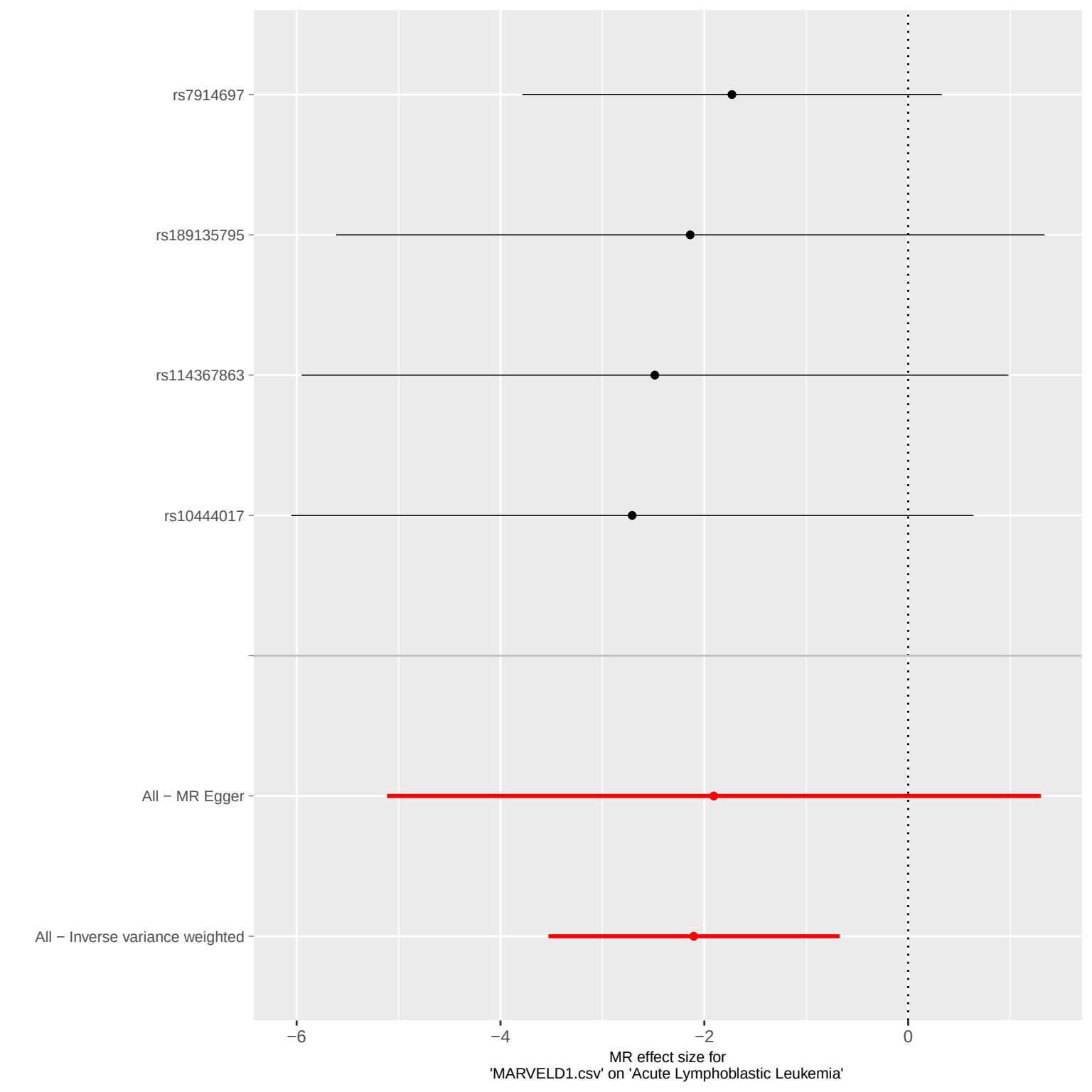
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All − MR Egger
All − Inverse variance weighted
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−4
−2
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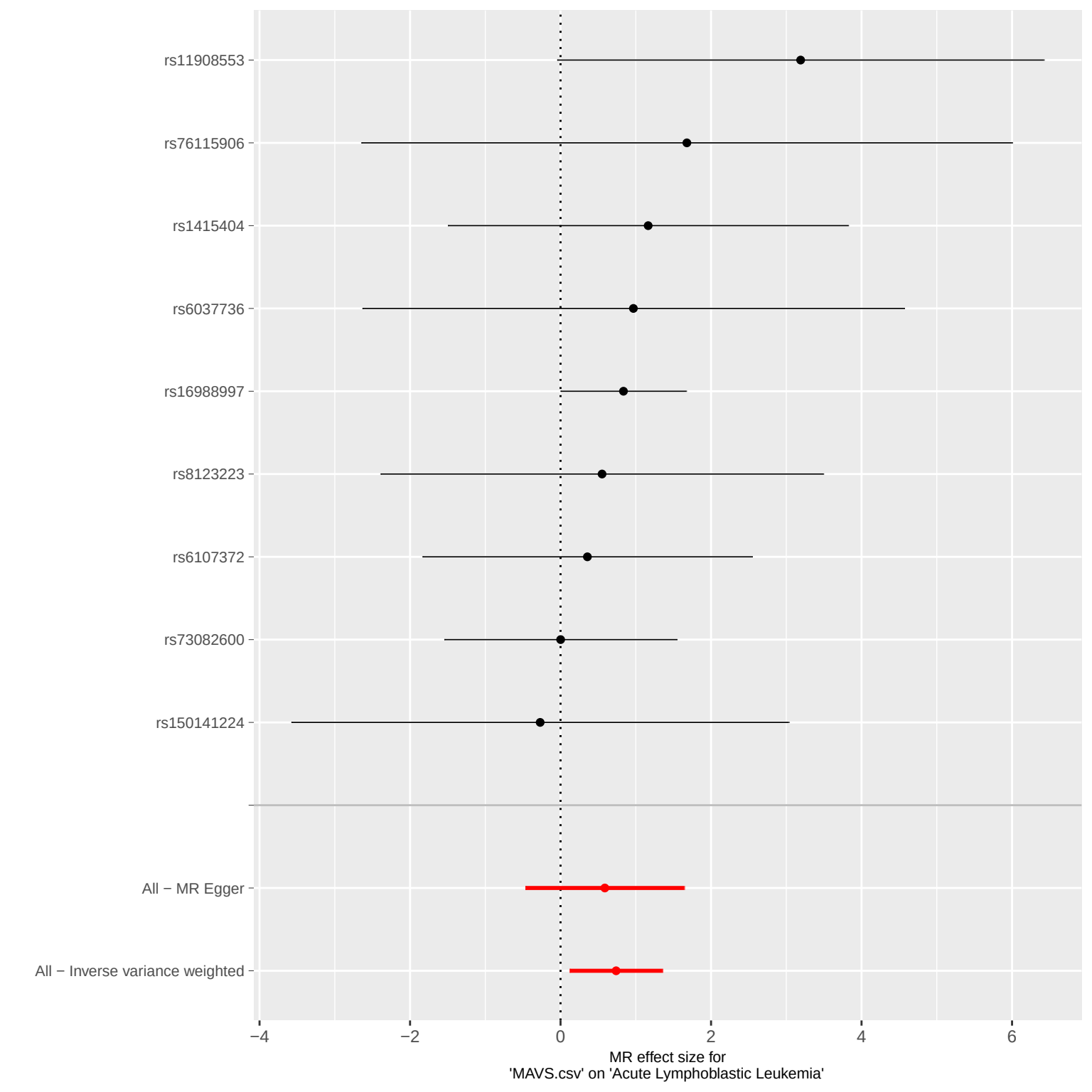
MR effect size for
'MARVELD1.csv' on 'Acute Lymphoblastic Leukemia'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rs150141224
All − MR Egger
All − Inverse variance weighted
−4
−2
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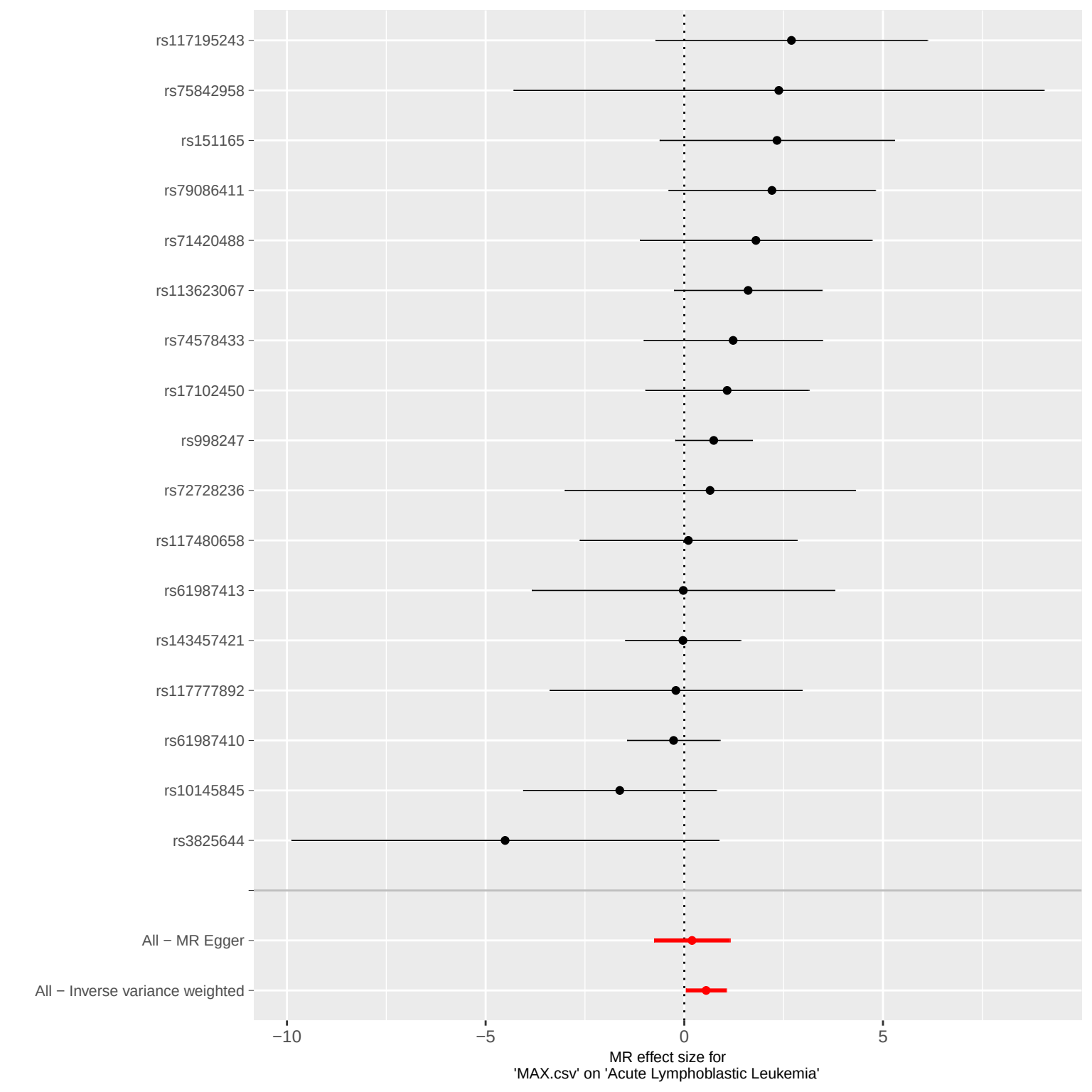
2
4
6
MR effect size for
'MAVS.csv' on 'Acute Lymphoblastic Leukemia'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rs117777892
rs61987410
rs10145845
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All − MR Egger
All − Inverse variance weighted
−10
−5
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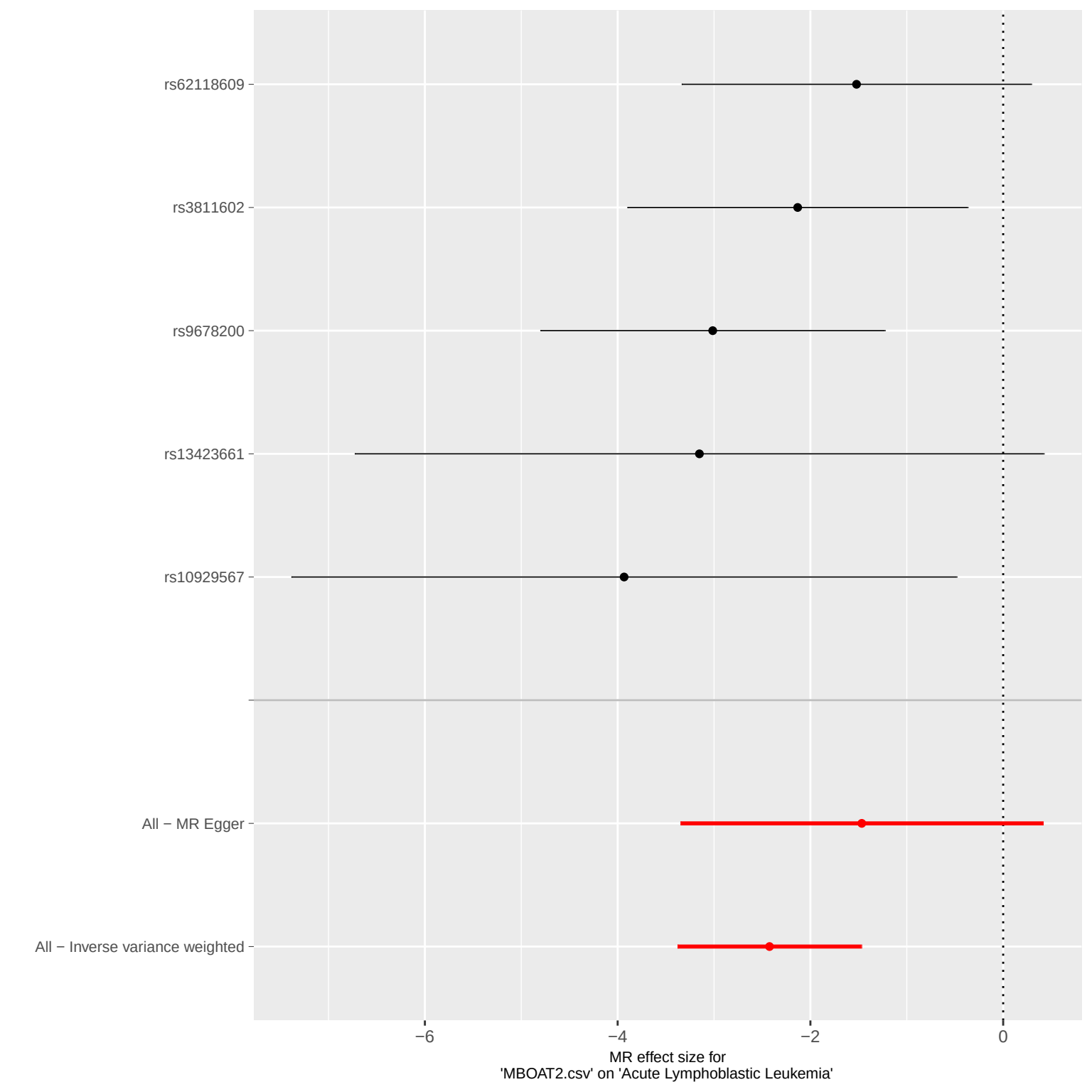
MR effect size for
'MAX.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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−4
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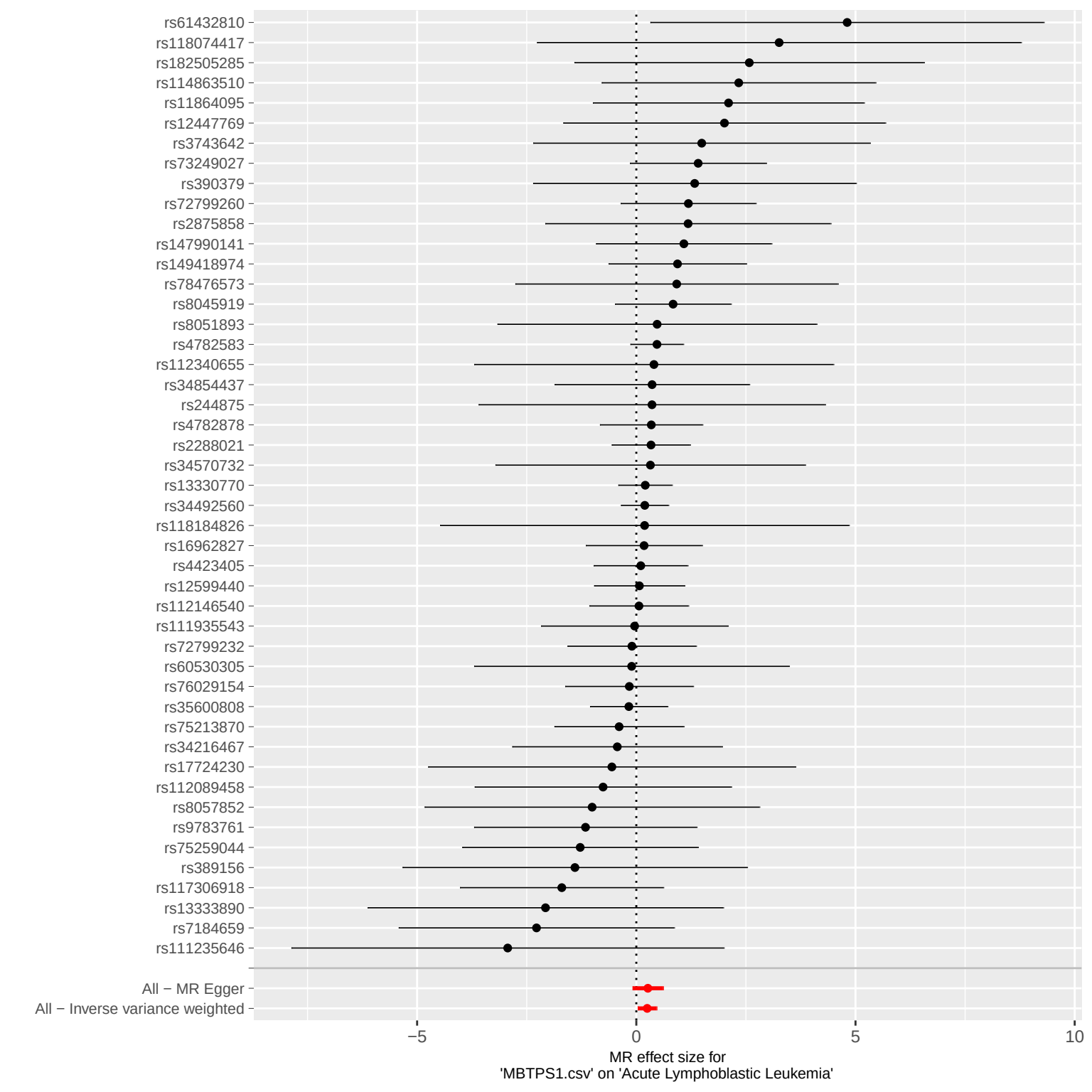
MR effect size for
'MBOAT2.csv' on 'Acute Lymphoblastic Leukemia'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rs75259044
rs389156
rs117306918
rs13333890
rs7184659
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All − MR Egger
All − Inverse variance weighted
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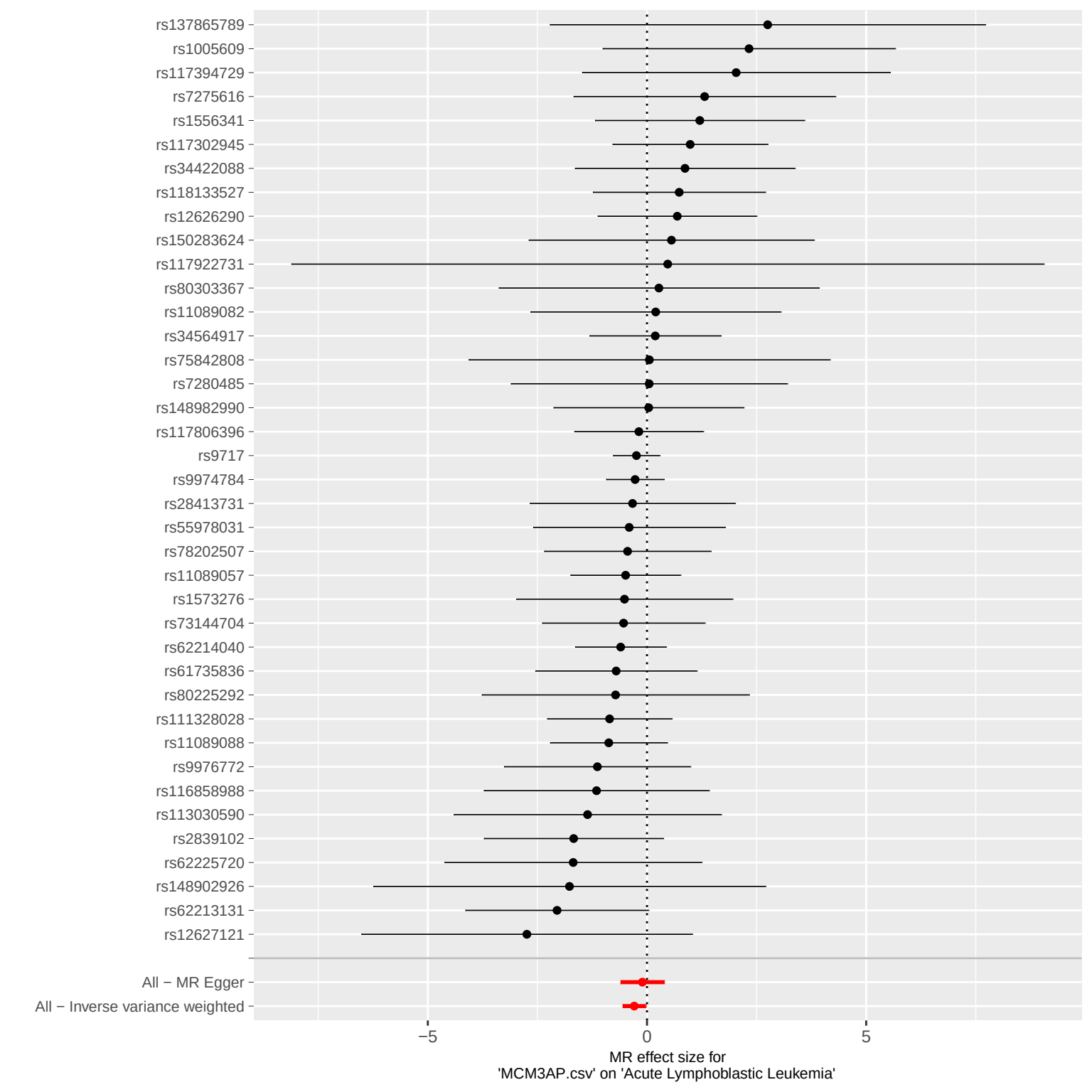
10
MR effect size for
'MBTPS1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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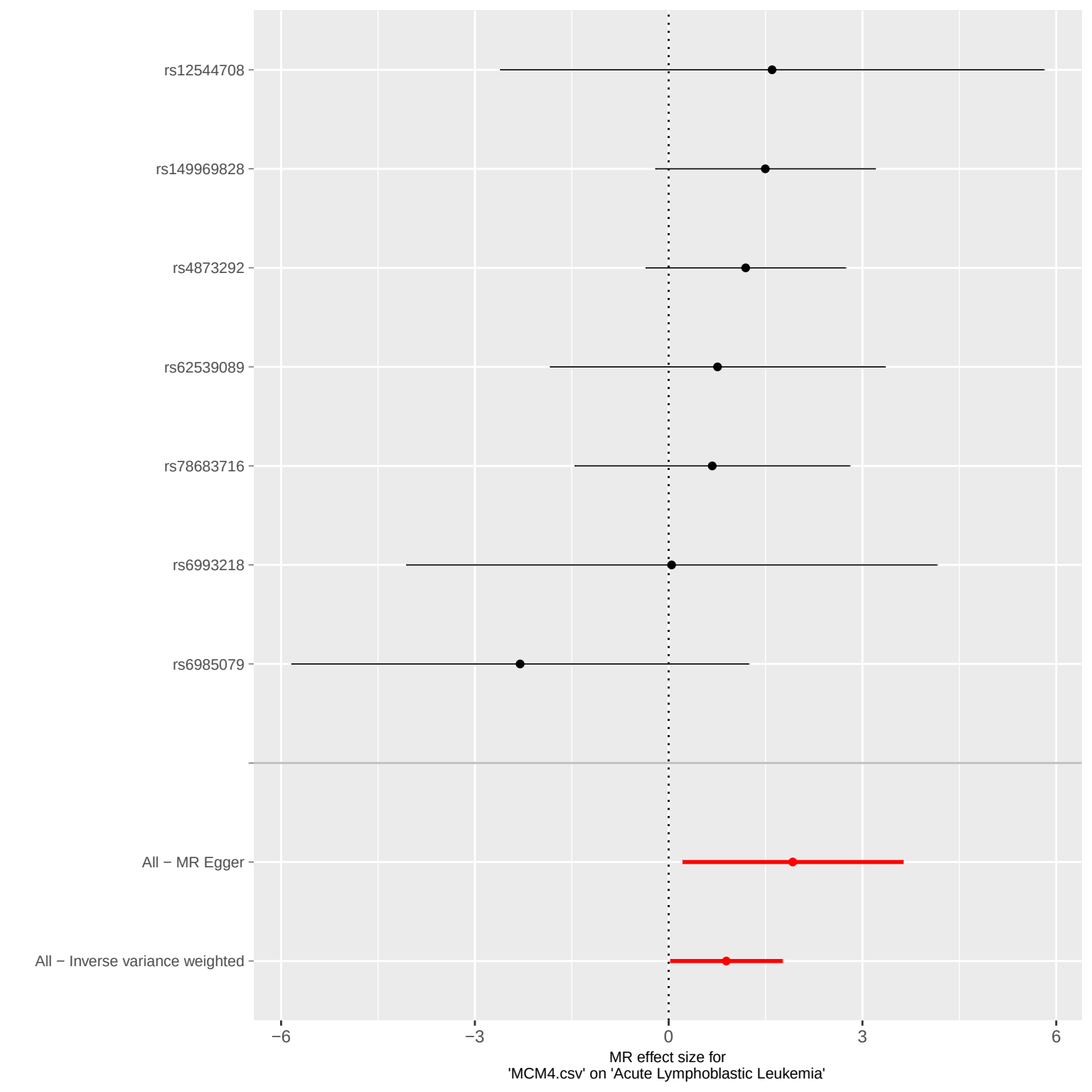
MR effect size for
'MCM3AP.csv' on 'Acute Lymphoblastic Leukemia'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rs6993218
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All − MR Egger
All − Inverse variance weighted
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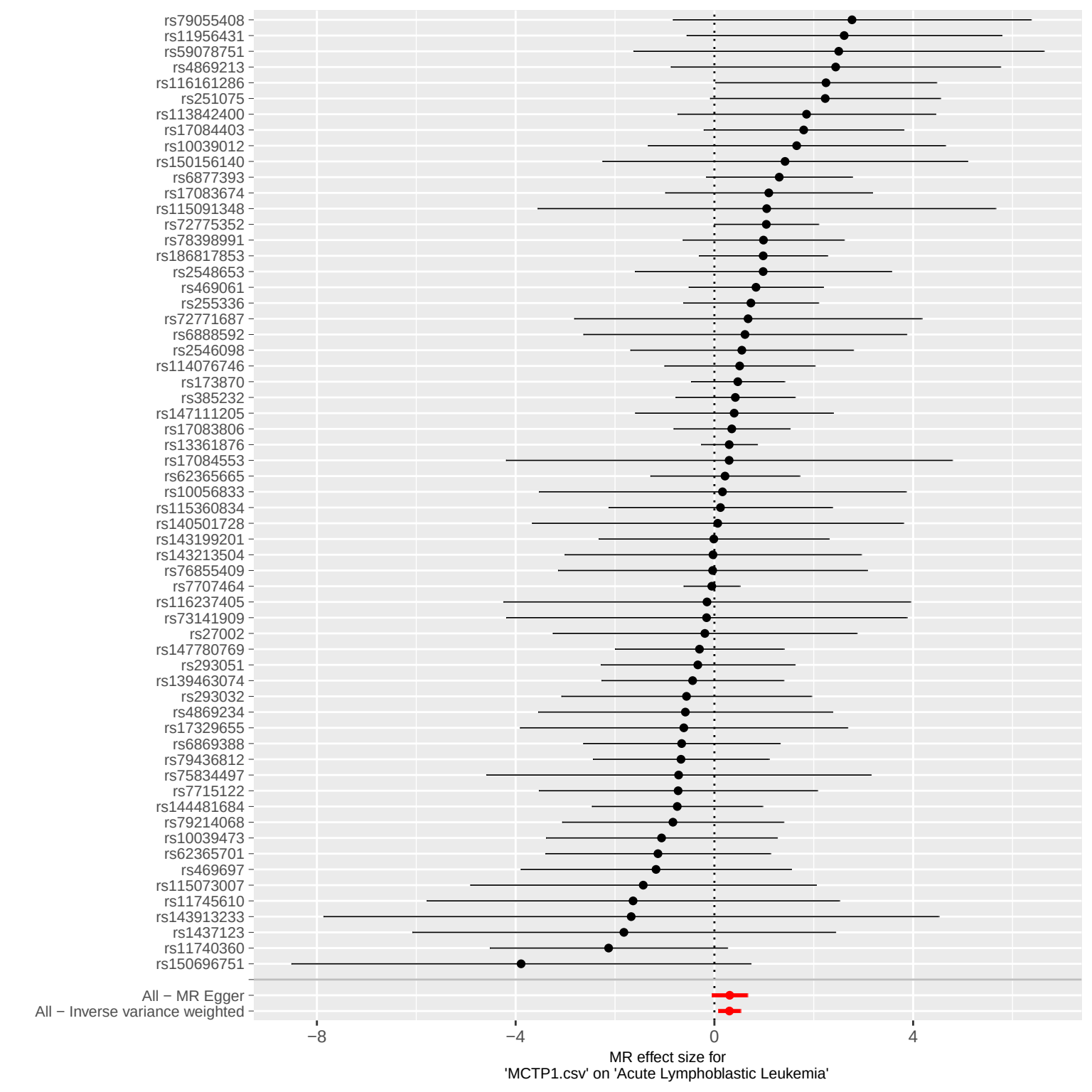
3
6
MR effect size for
'MCM4.csv' on 'Acute Lymphoblastic Leukemia'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rs62365701
rs469697
rs115073007
rs11745610
rs143913233
rs1437123
rs11740360
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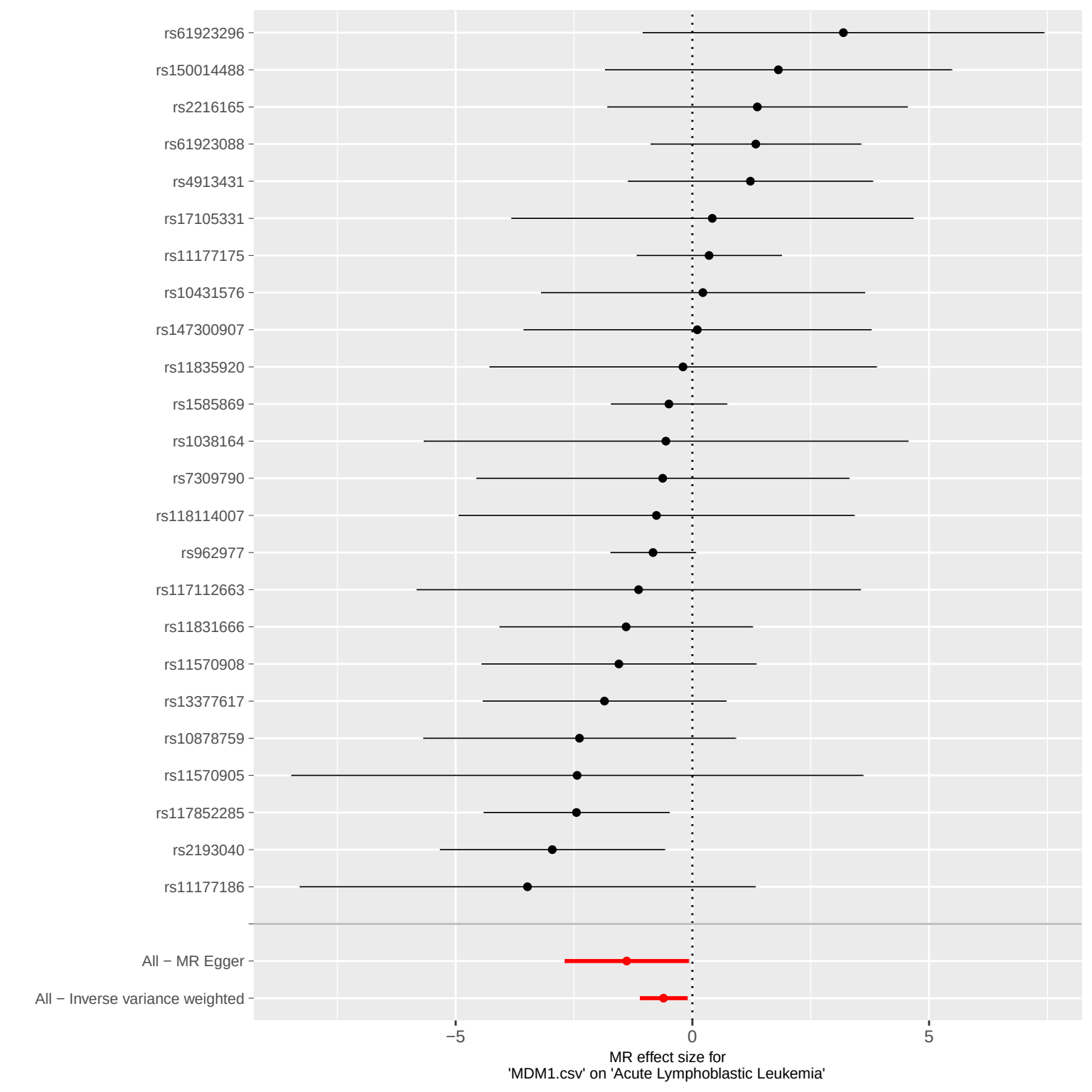
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MCTP1.csv' on 'Acute Lymphoblastic Leukemia'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rs13377617
rs10878759
rs11570905
rs117852285
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All − MR Egger
All − Inverse variance weighted
−5
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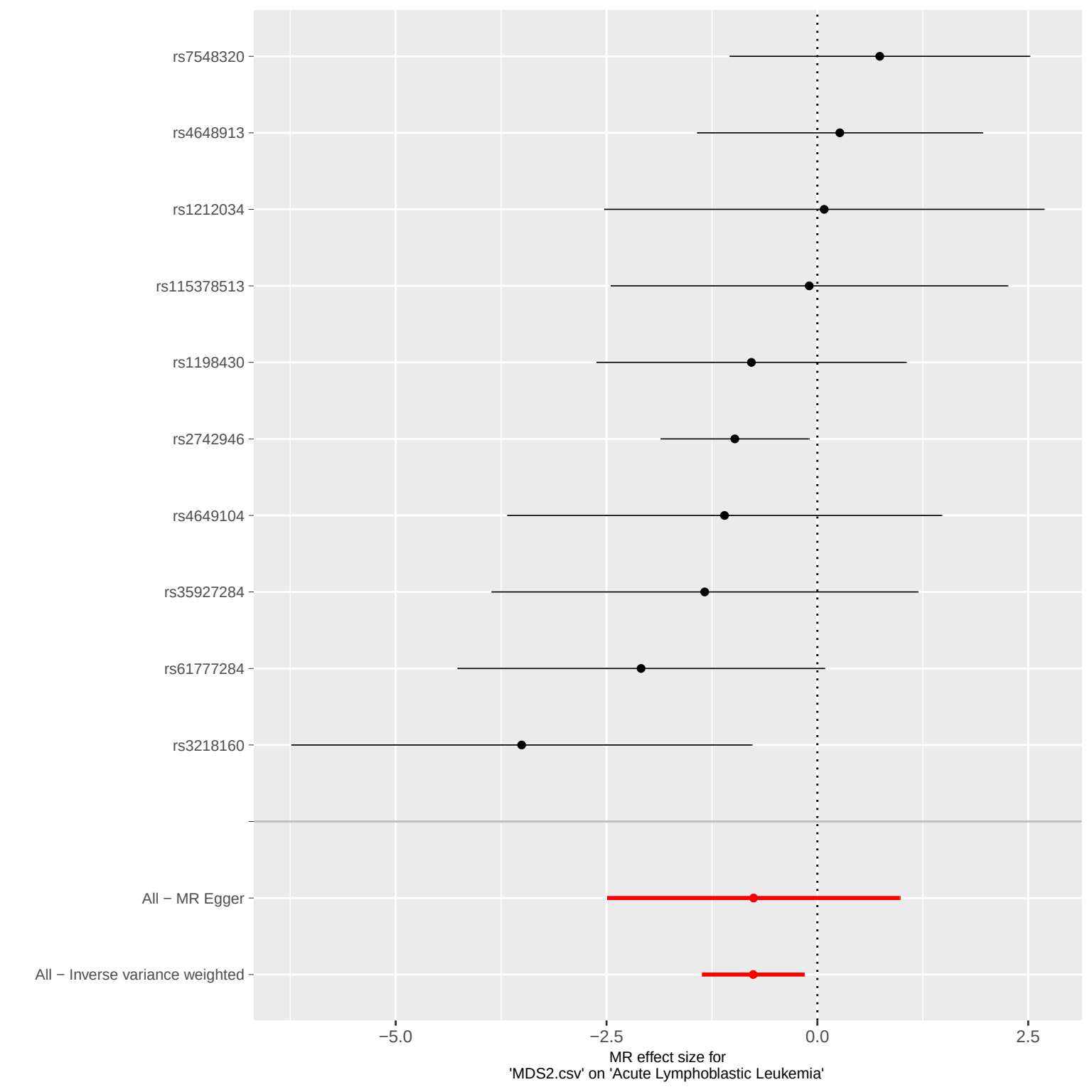
5
MR effect size for
'MDM1.csv' on 'Acute Lymphoblastic Leukemia'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rs61777284
rs3218160
All − MR Egger
All − Inverse variance weighted
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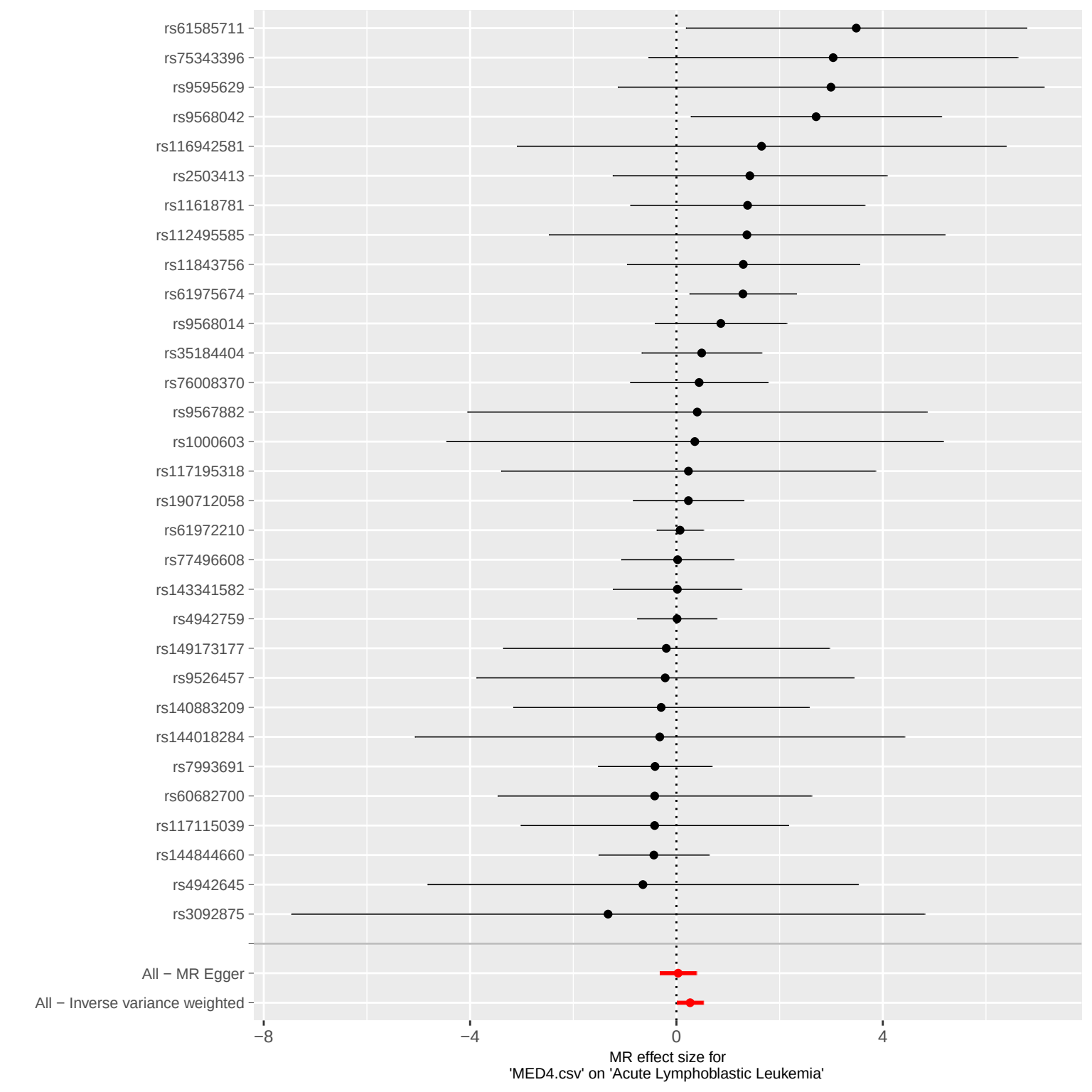
−2.5
0.0
2.5
MR effect size for
'MDS2.csv' on 'Acute Lymphoblastic Leukemia'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rs149173177
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rs140883209
rs144018284
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rs60682700
rs117115039
rs144844660
rs4942645
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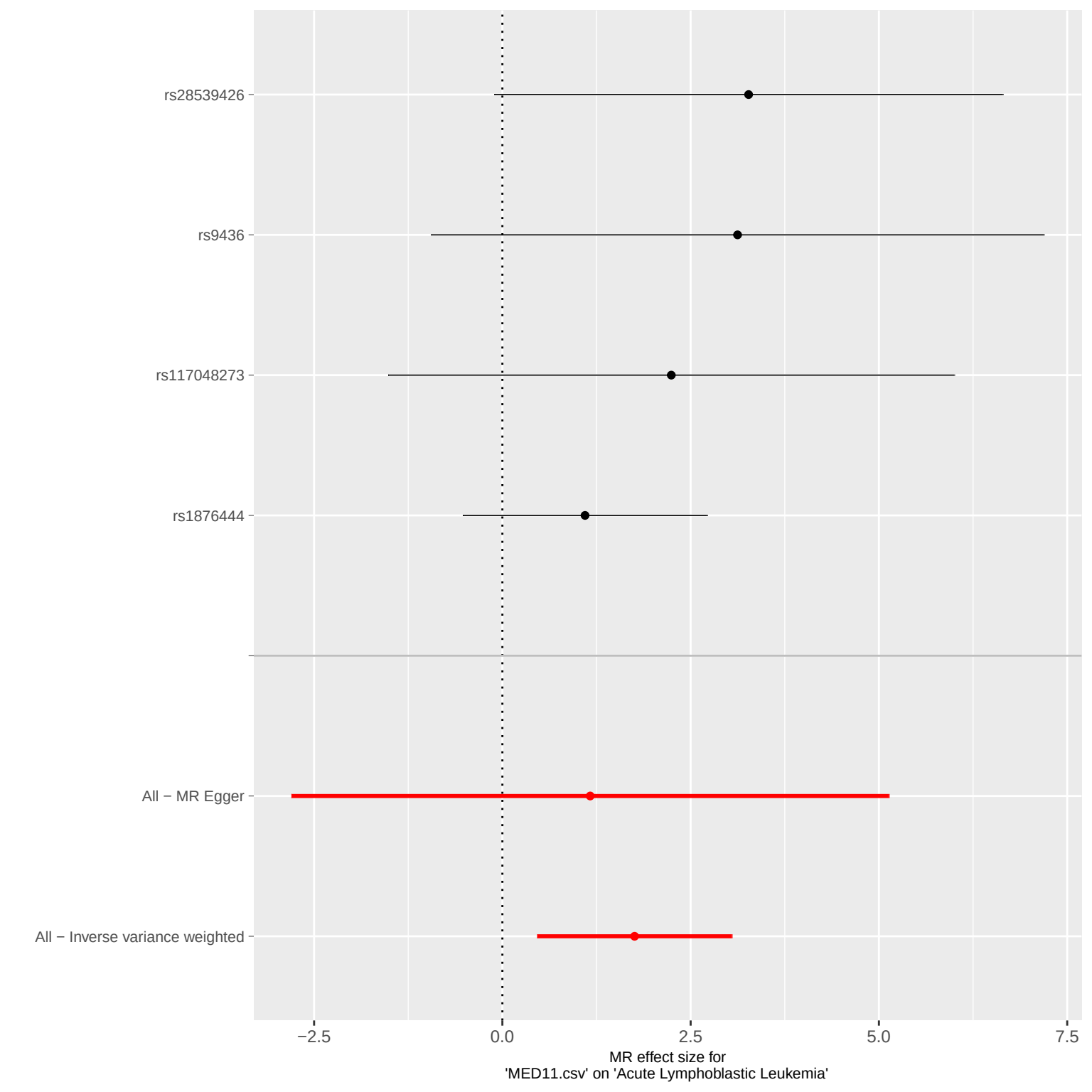
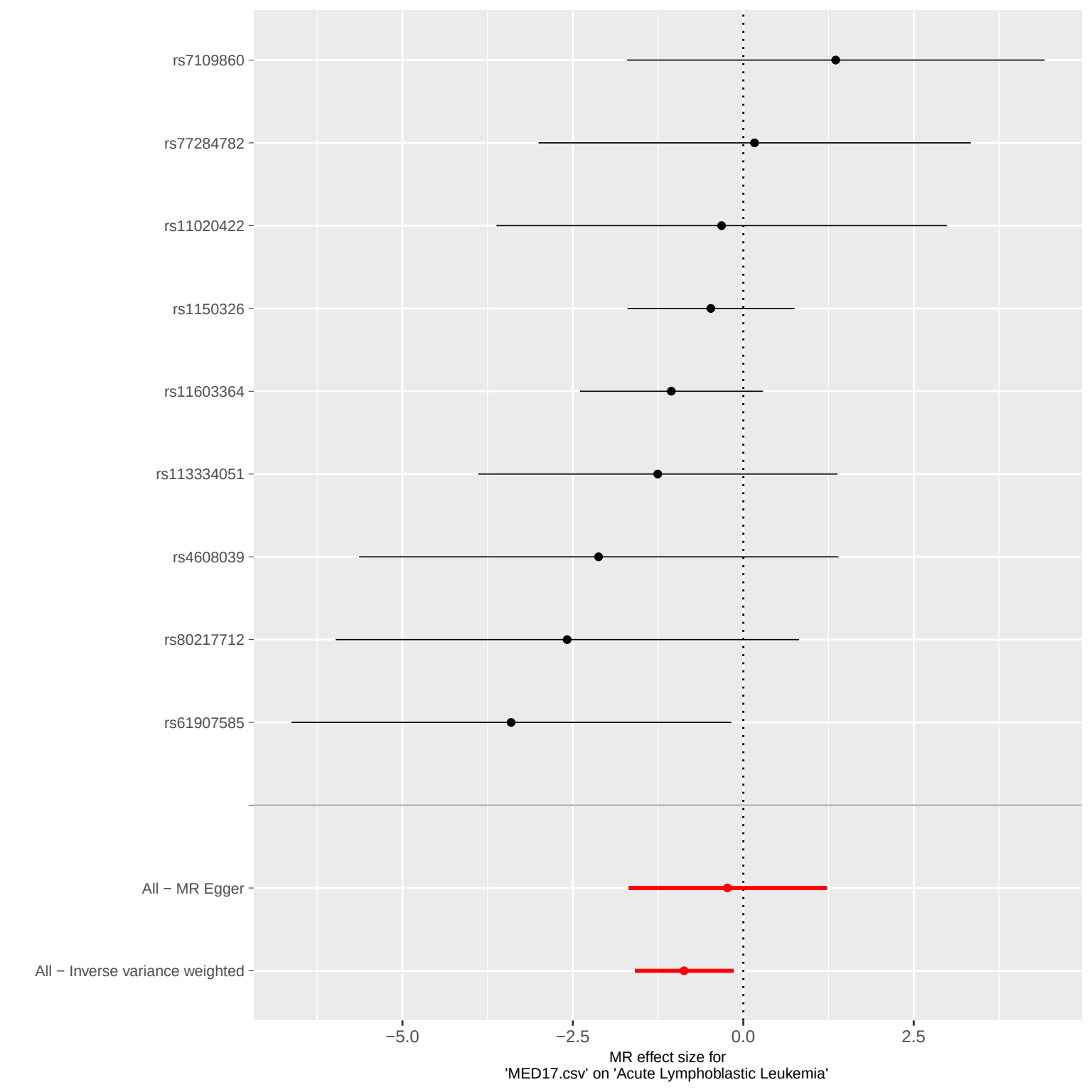
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MED4.csv' on 'Acute Lymphoblastic Leukemia'


rs28539426
rs9436
rs117048273
rs1876444
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'MED11.csv' on 'Acute Lymphoblastic Leukemia'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rs1150326
rs11603364
rs113334051
rs4608039
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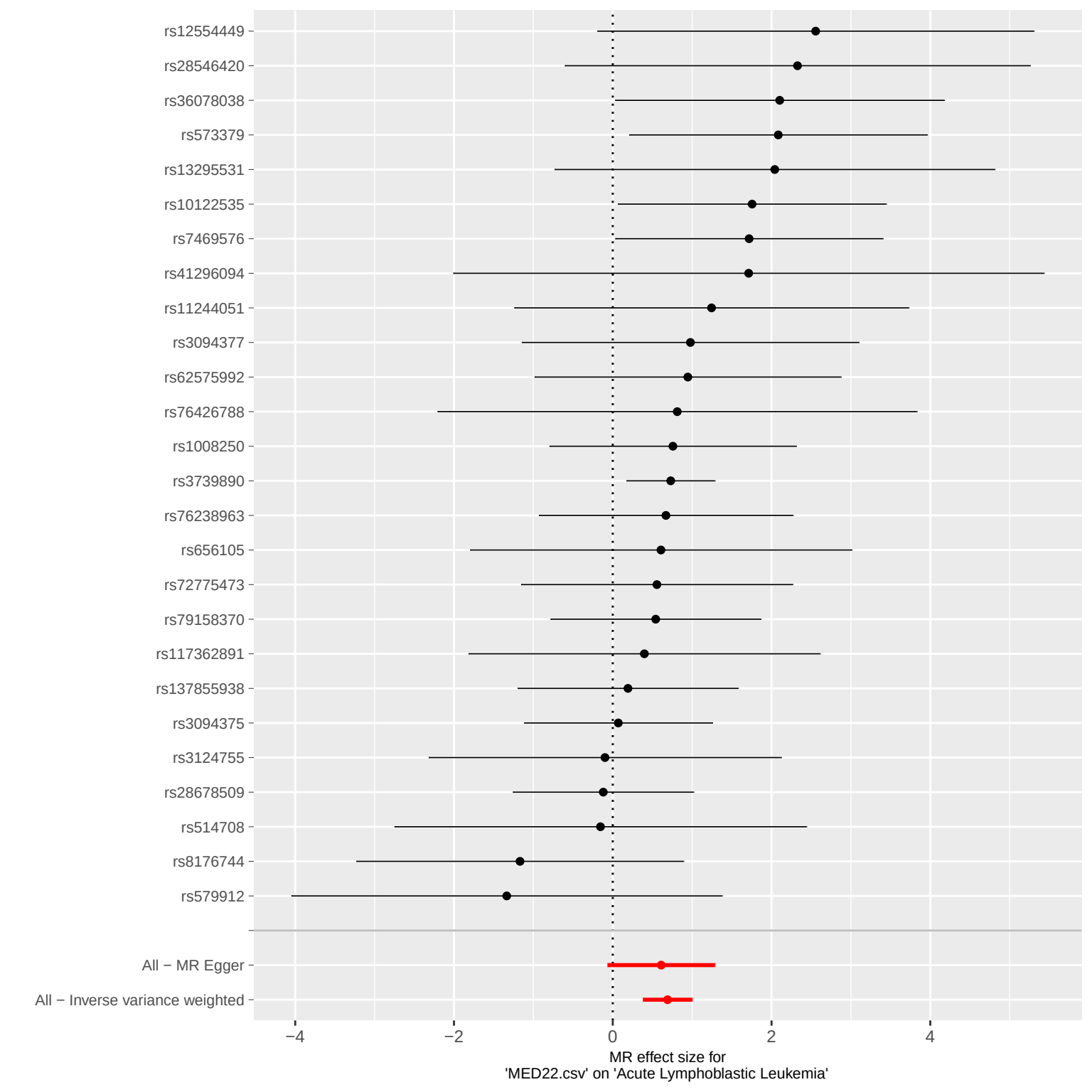
rs61907585
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MED17.csv' on 'Acute Lymphoblastic Leukemia'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rs76238963
rs656105
rs72775473
rs79158370
rs117362891
rs137855938
rs3094375
rs3124755
rs28678509
rs514708
rs8176744
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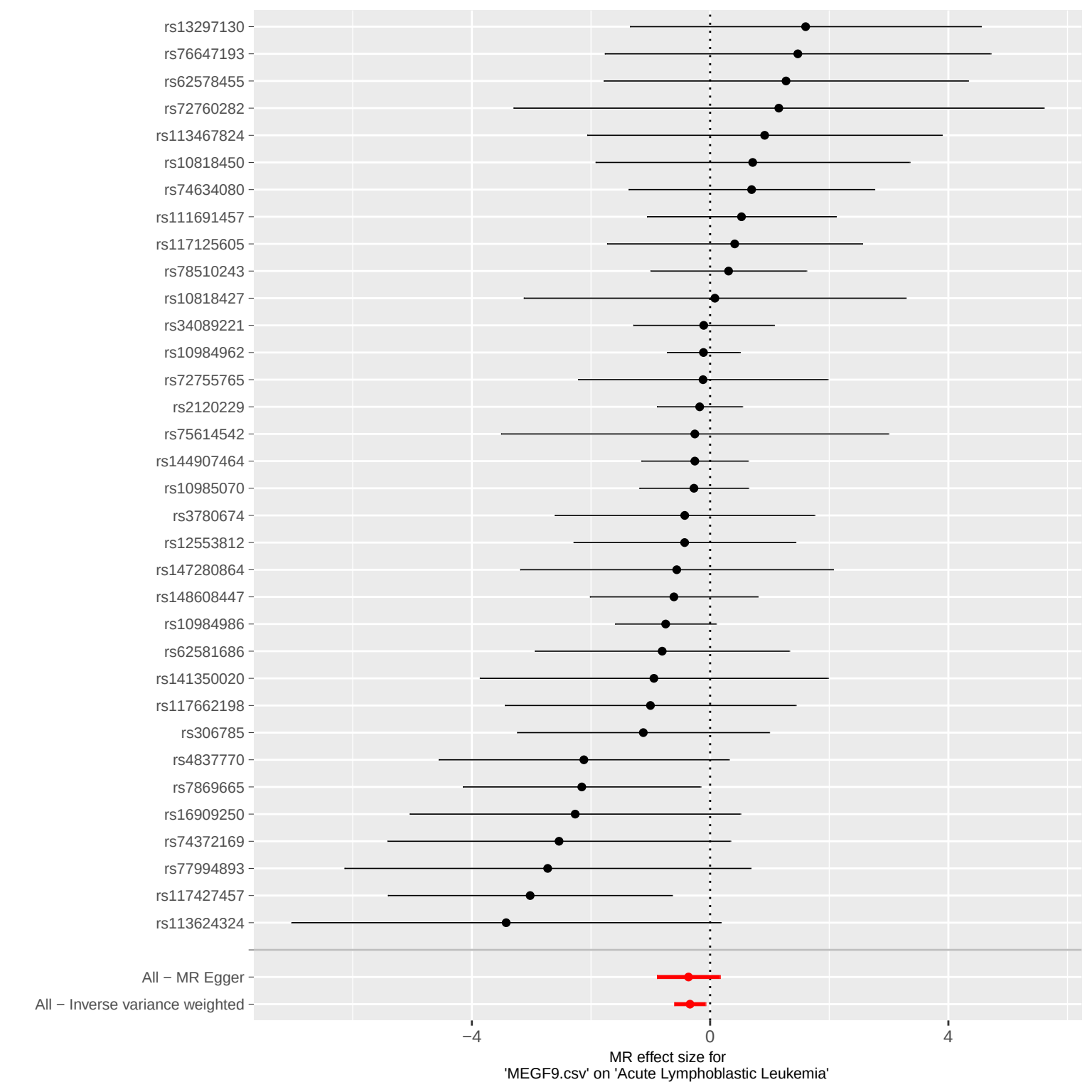
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'MED22.csv' on 'Acute Lymphoblastic Leukemia'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rs141350020
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rs4837770
rs7869665
rs16909250
rs74372169
rs77994893
rs117427457
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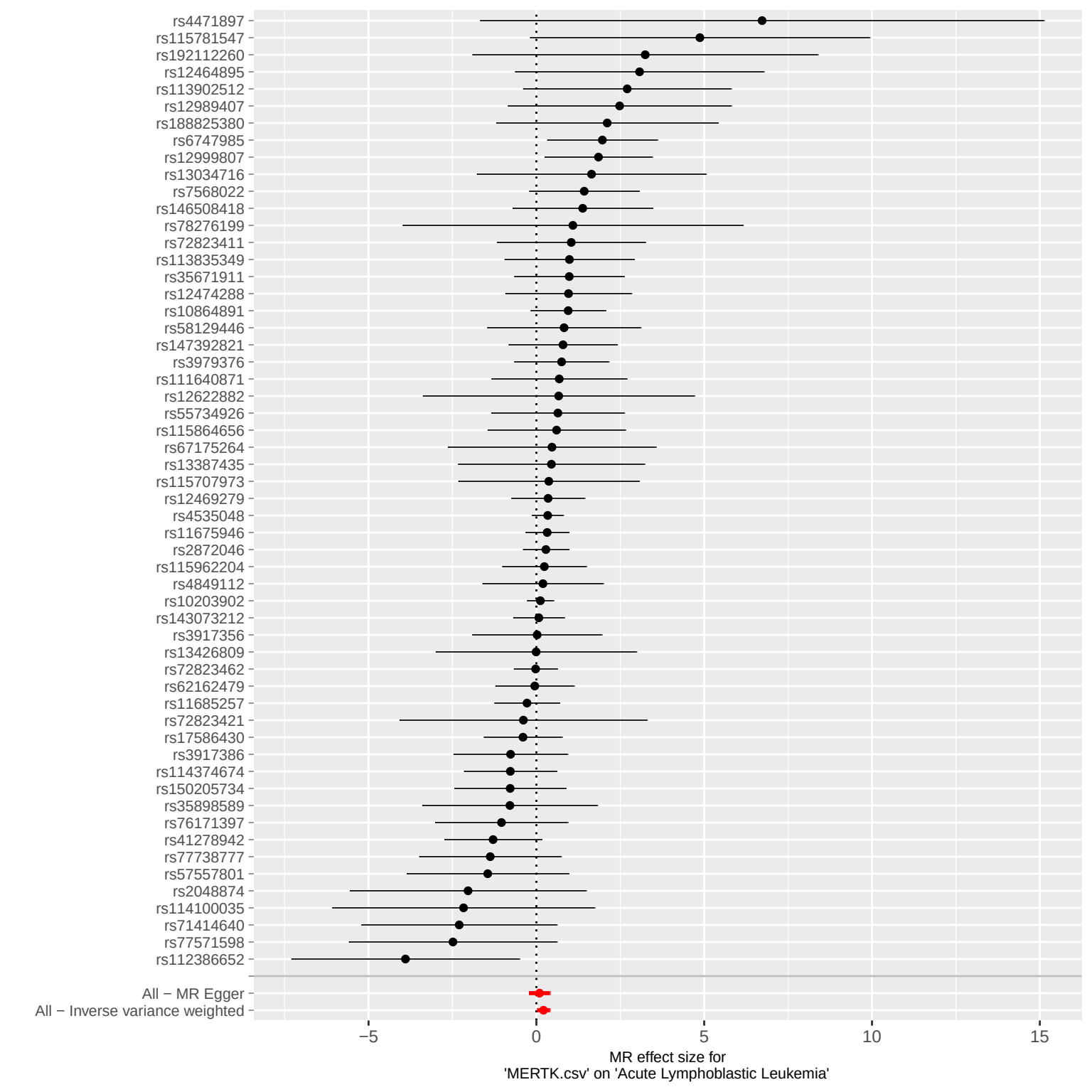
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'MEGF9.csv' on 'Acute Lymphoblastic Leukemia'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rs57557801
rs2048874
rs114100035
rs71414640
rs77571598
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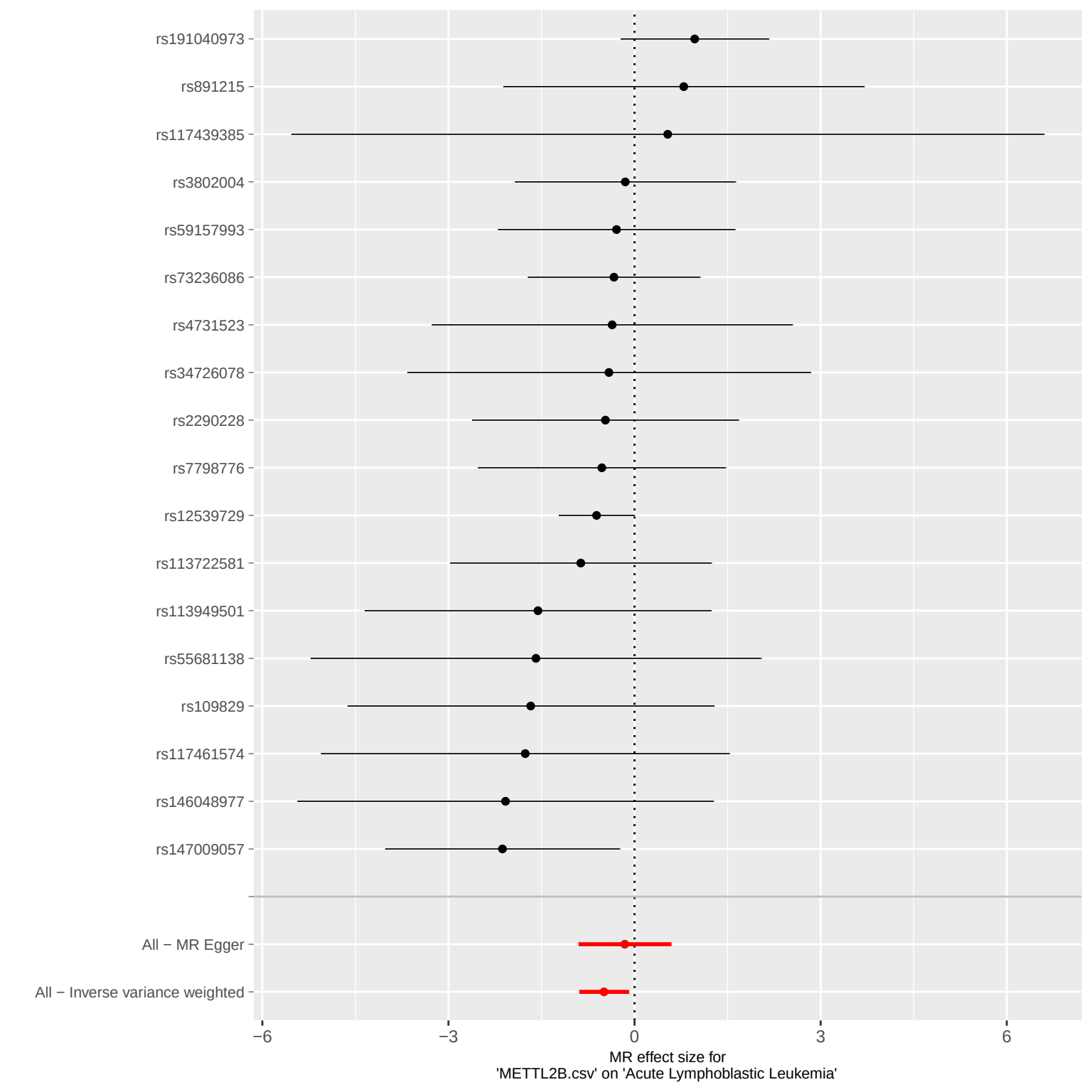
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'MERTK.csv' on 'Acute Lymphoblastic Leukemia'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rs113722581
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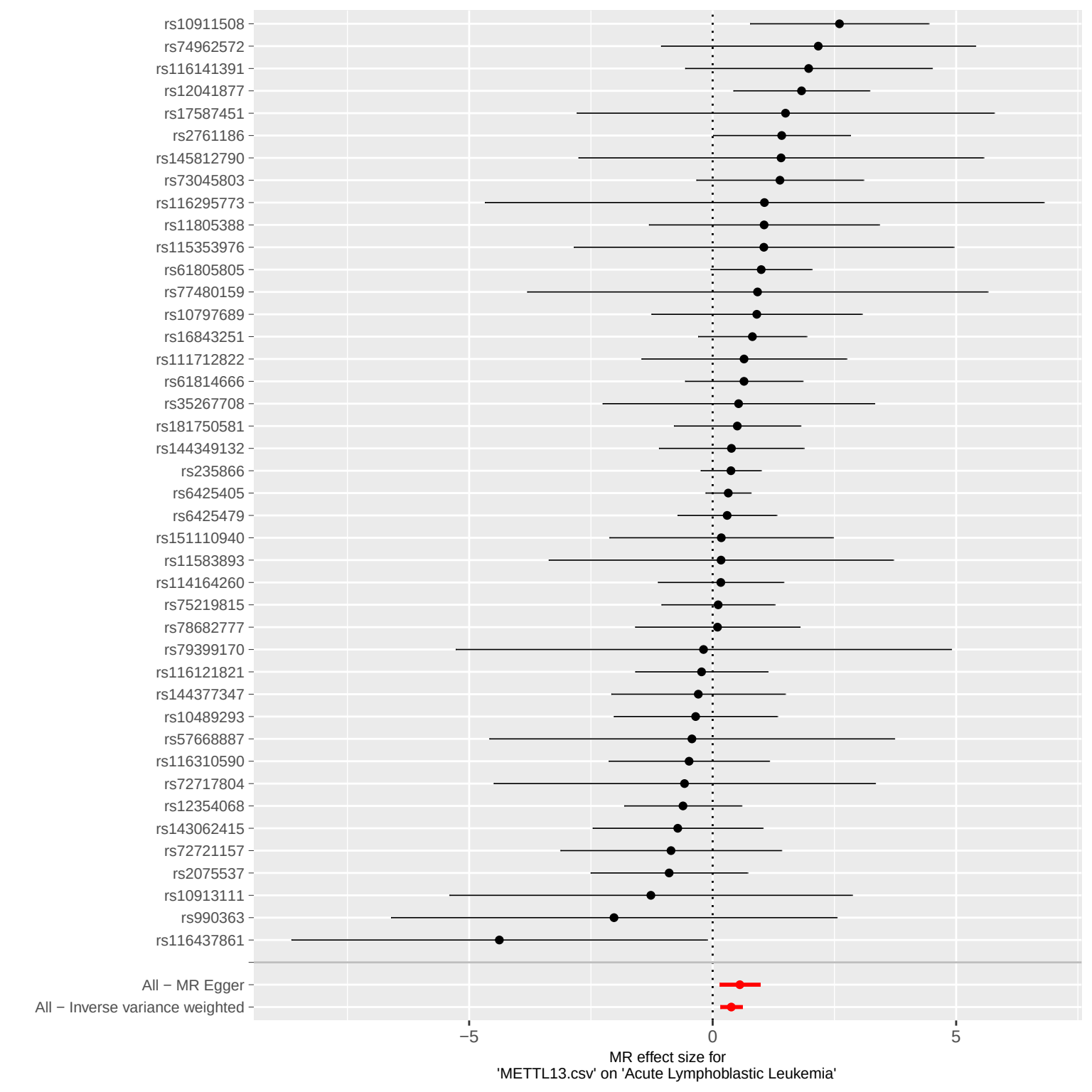
rs55681138
rs109829
rs117461574
rs146048977
rs147009057
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'METTL2B.csv' on 'Acute Lymphoblastic Leukemia'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rs61805805
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rs78682777
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rs10489293
rs57668887
rs116310590
rs72717804
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rs143062415
rs72721157
rs2075537
rs10913111
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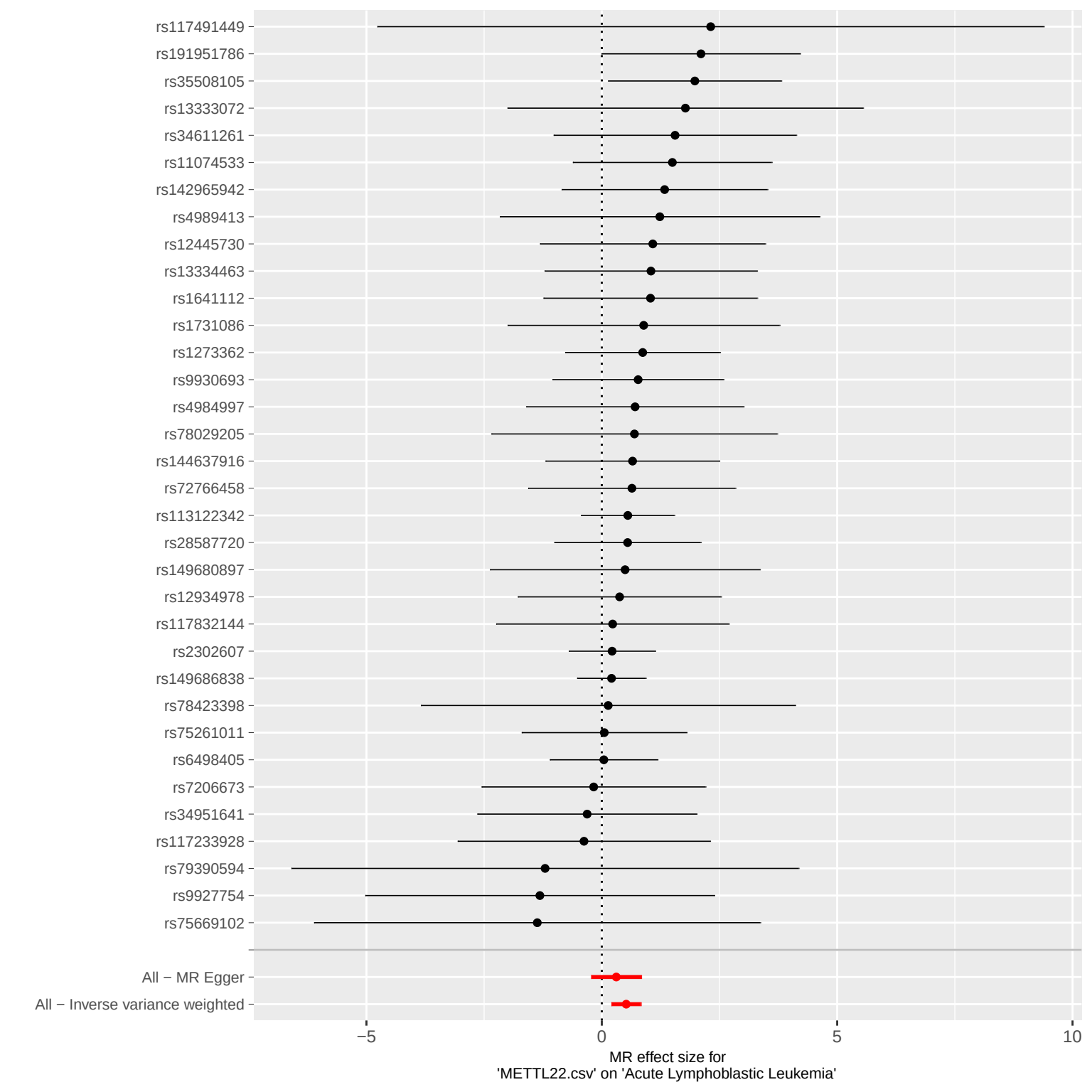
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'METTL13.csv' on 'Acute Lymphoblastic Leukemia'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rs7206673
rs34951641
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rs79390594
rs9927754
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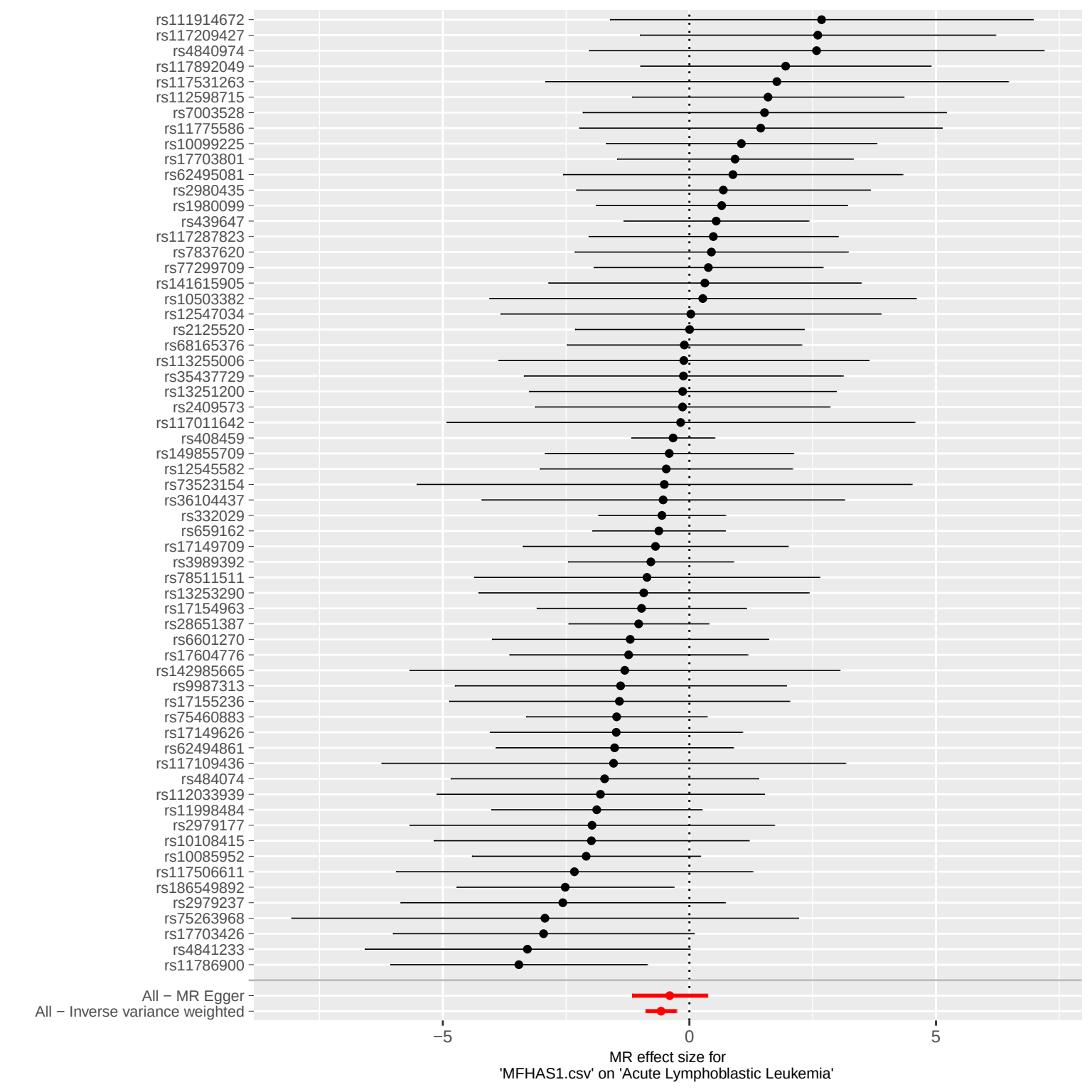
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'METTL22.csv' on 'Acute Lymphoblastic Leukemia'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rs117506611
rs186549892
rs2979237
rs75263968
rs17703426
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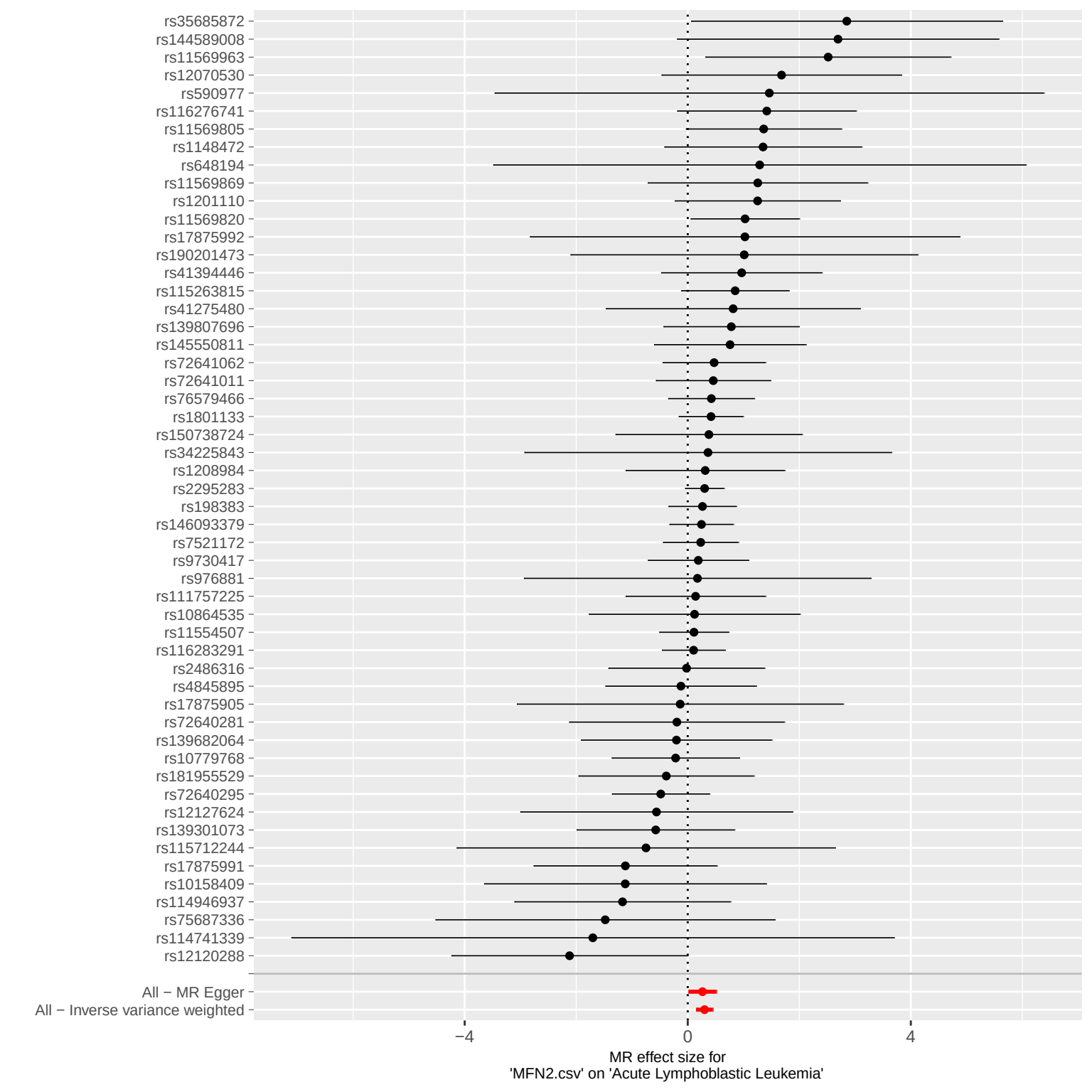
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MFHAS1.csv' on 'Acute Lymphoblastic Leukemia'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rs17875991
rs10158409
rs114946937
rs75687336
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All − MR Egger
All − Inverse variance weighted
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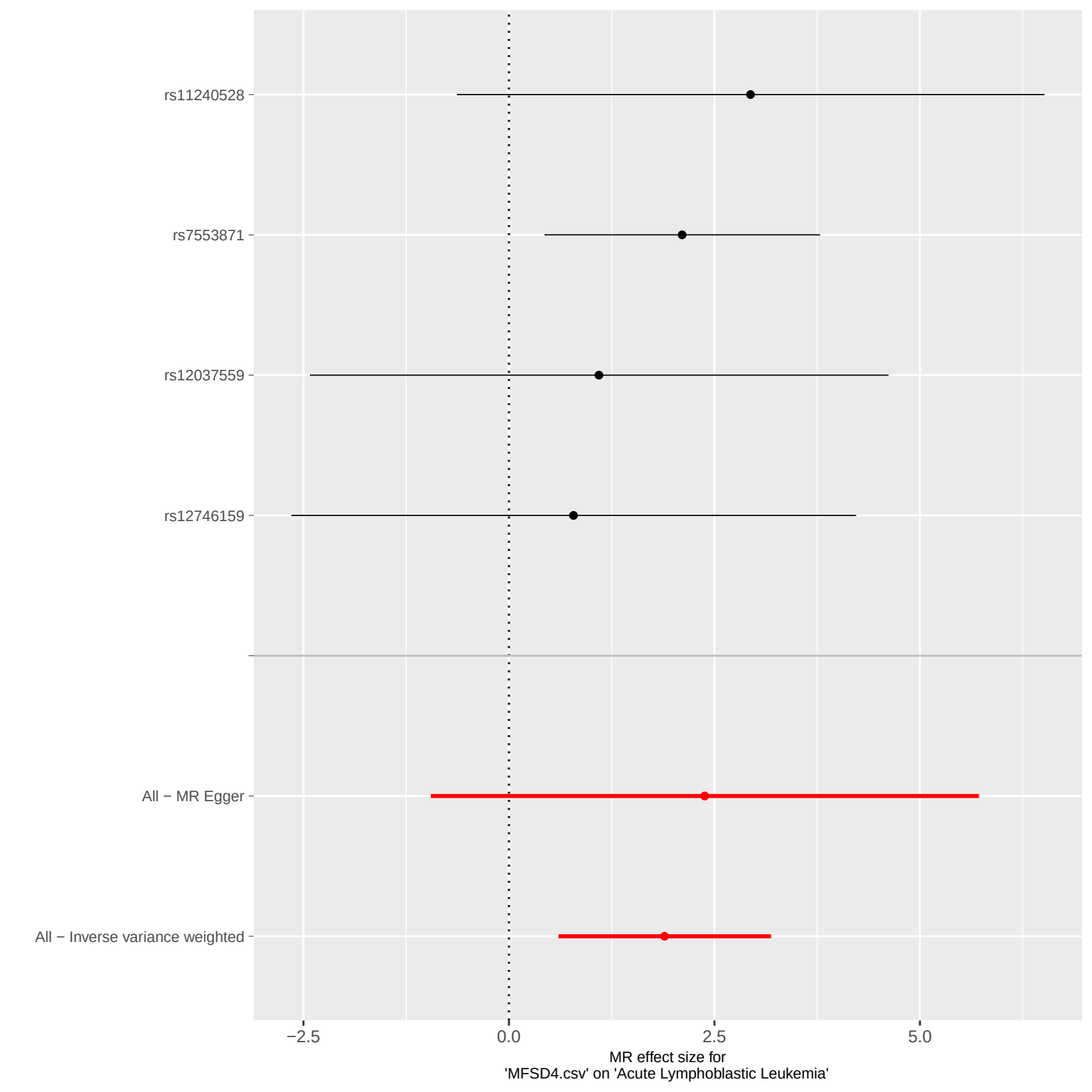
MR effect size for
'MFN2.csv' on 'Acute Lymphoblastic Leukemia'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rs7553871
rs12037559
rs12746159
All − MR Egger
All − Inverse variance weighted
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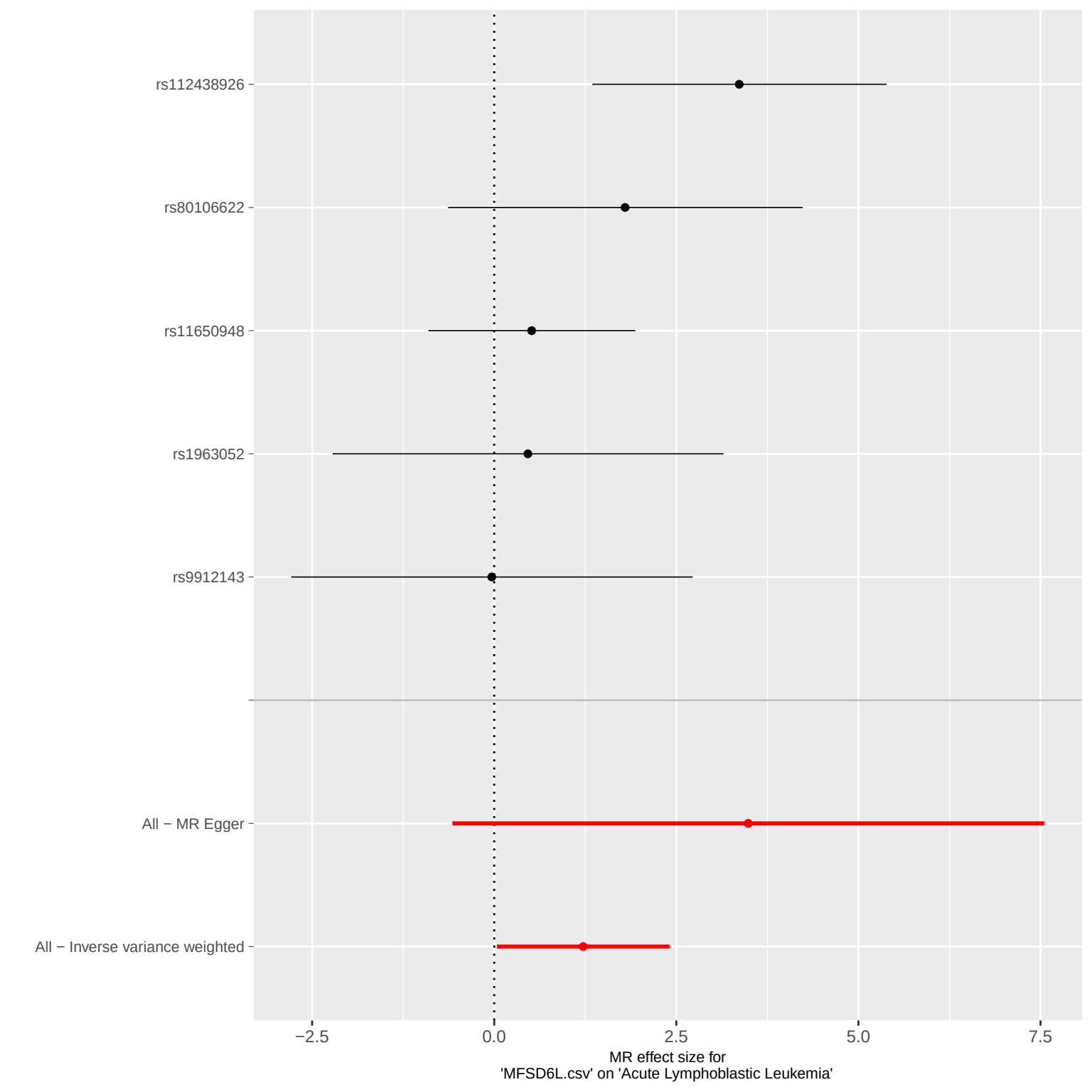
0.0
2.5
5.0
MR effect size for
'MFSD4.csv' on 'Acute Lymphoblastic Leukemia'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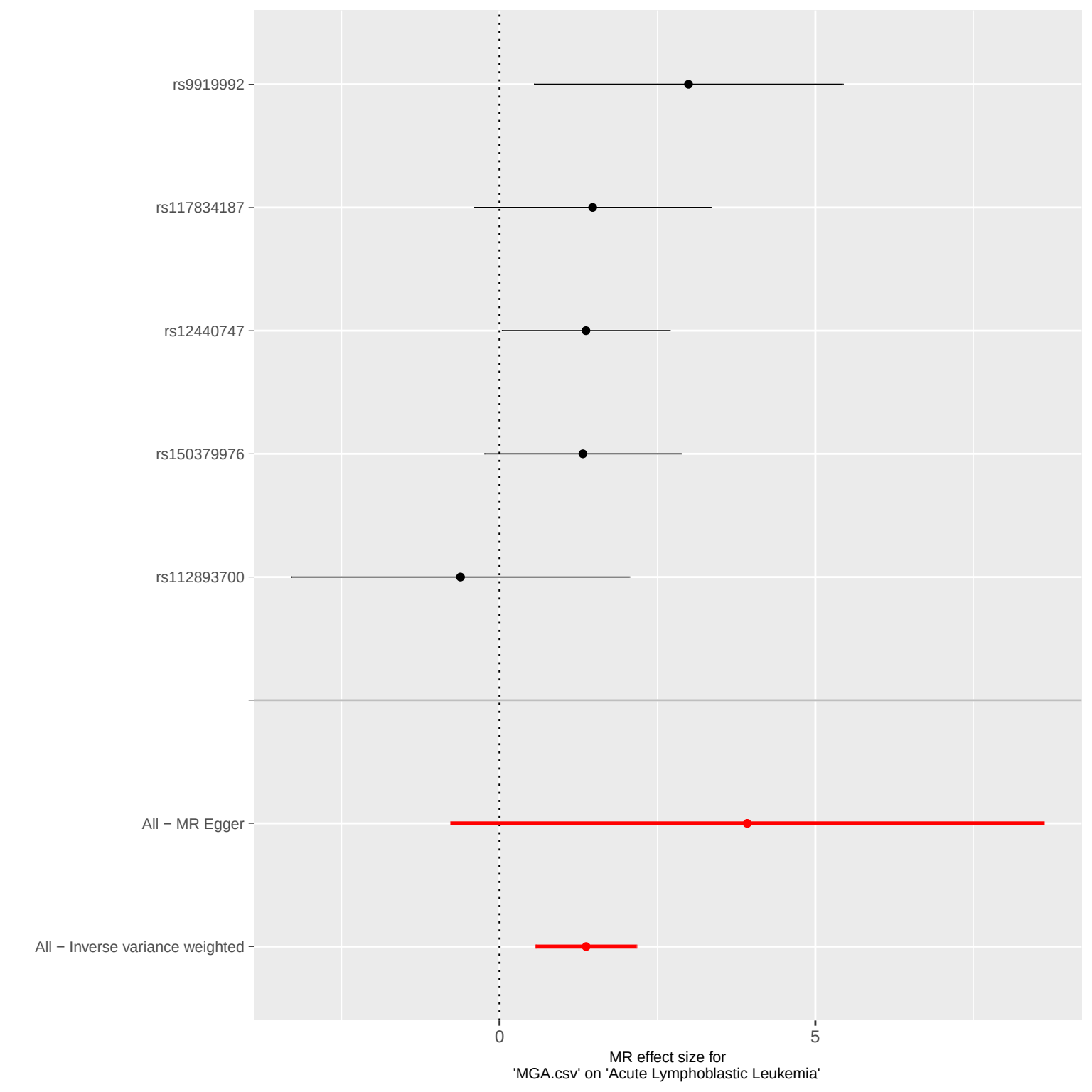
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'MFSD6L.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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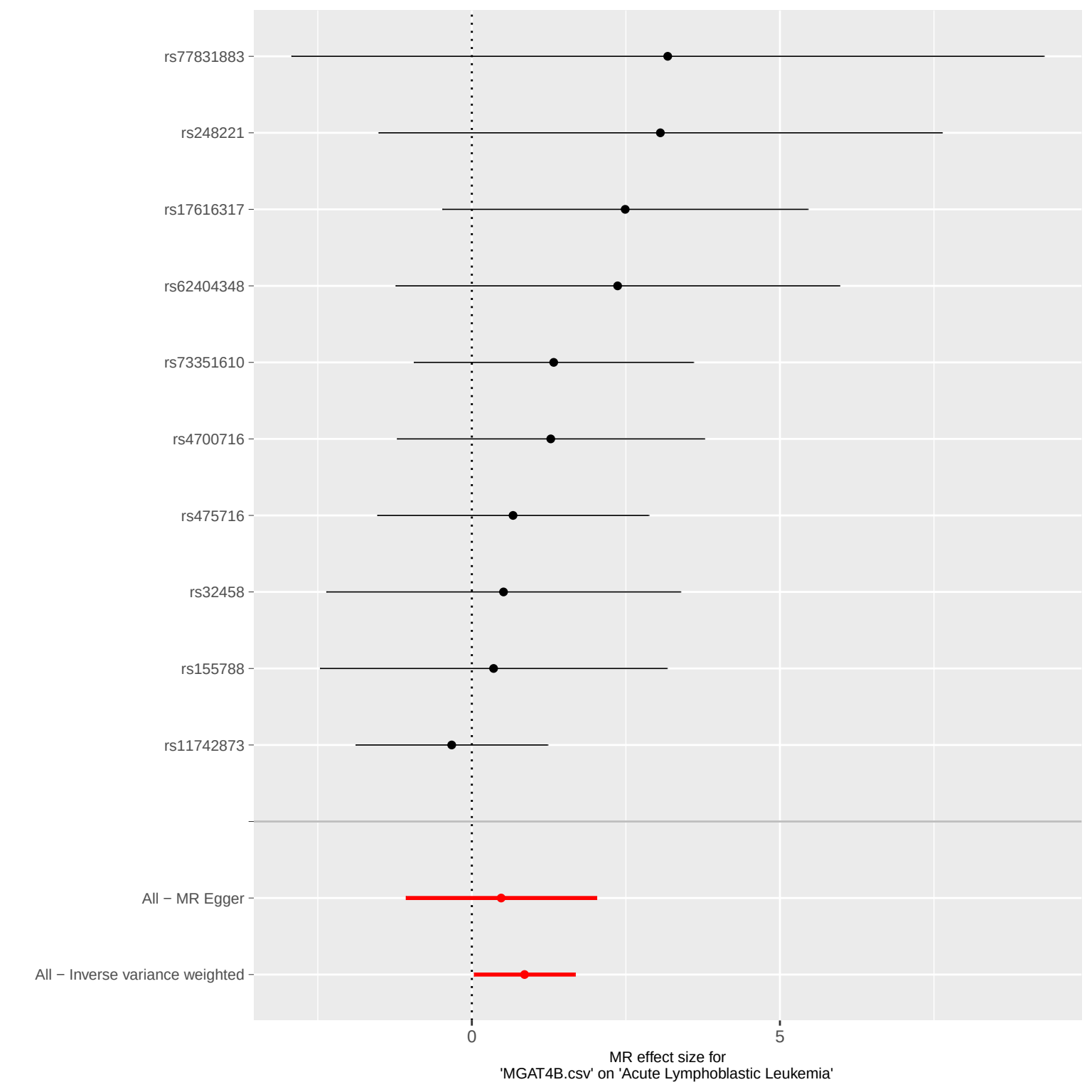
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rs475716
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All − MR Egger
All − Inverse variance weighted
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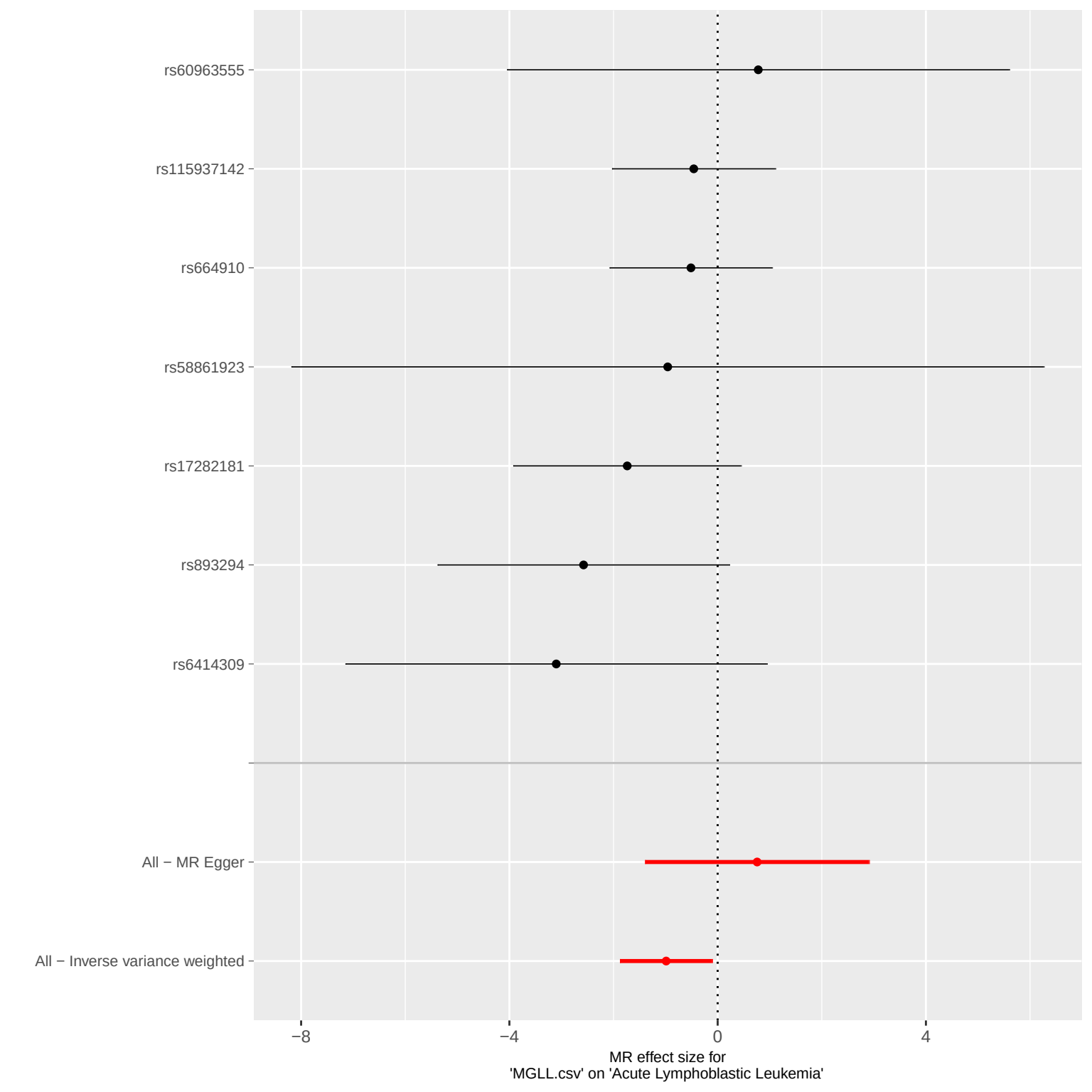
MR effect size for
'MGAT4B.csv' on 'Acute Lymphoblastic Leukemia'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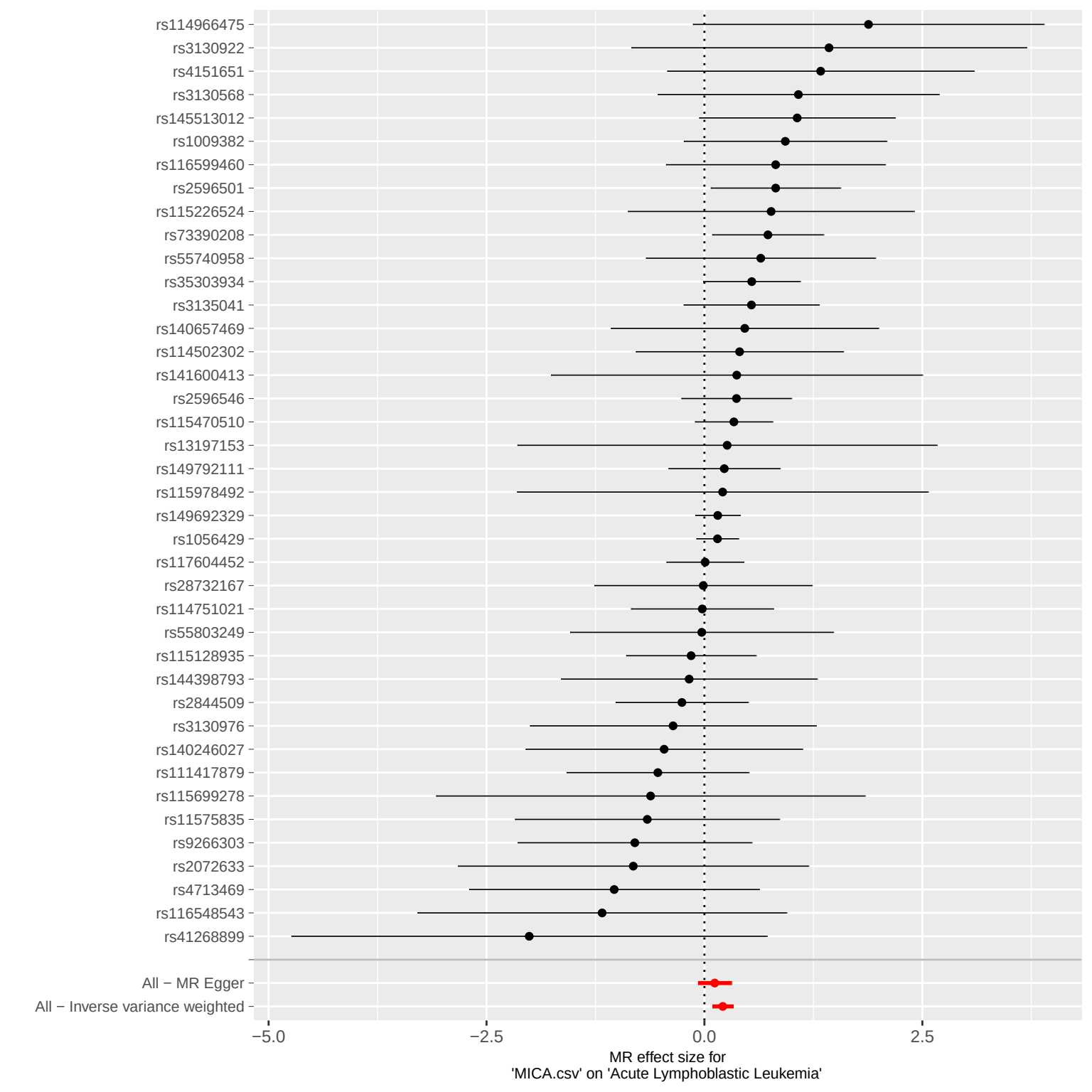
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MGLL.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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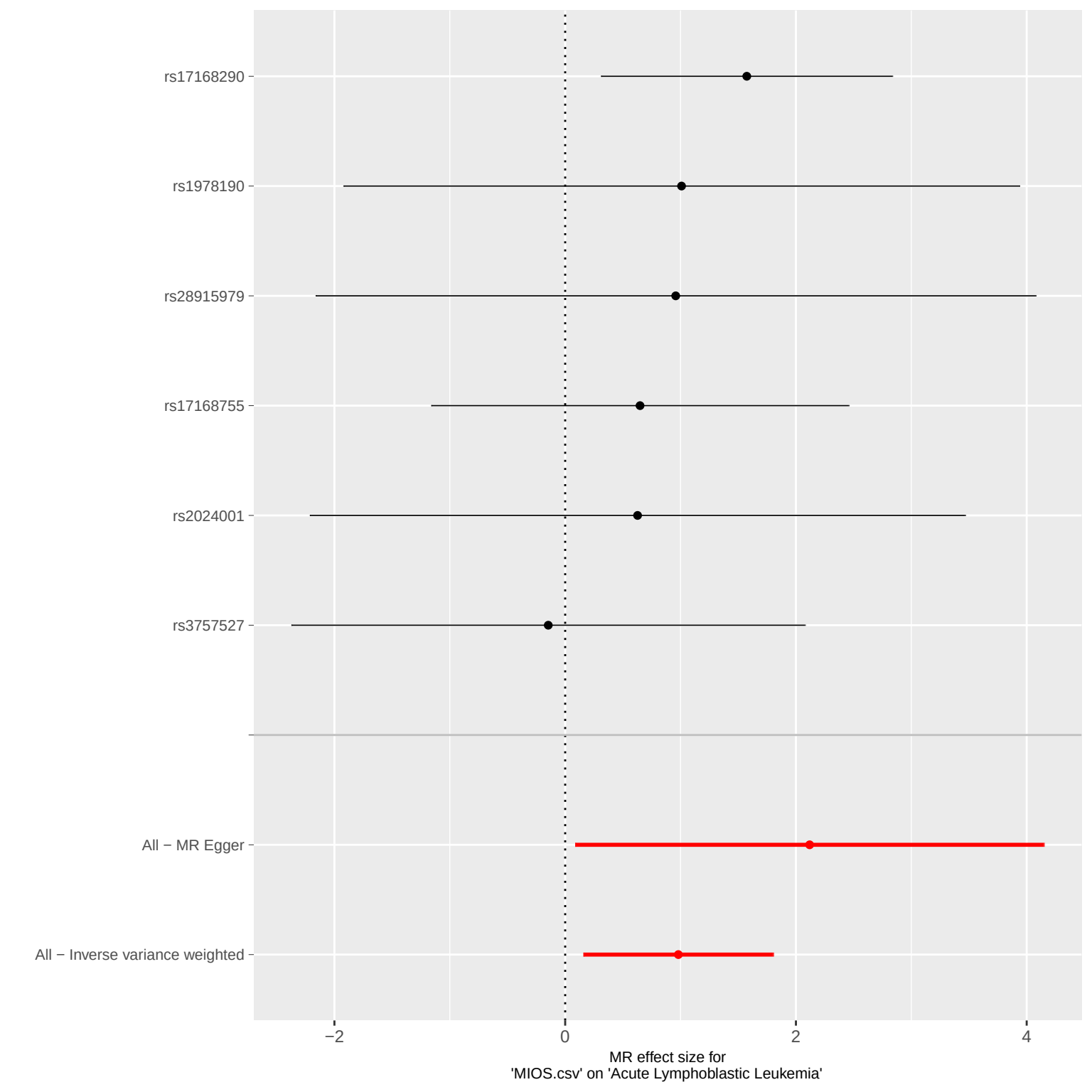
−2.5
0.0
2.5
MR effect size for
'MICA.csv' on 'Acute Lymphoblastic Leukemia'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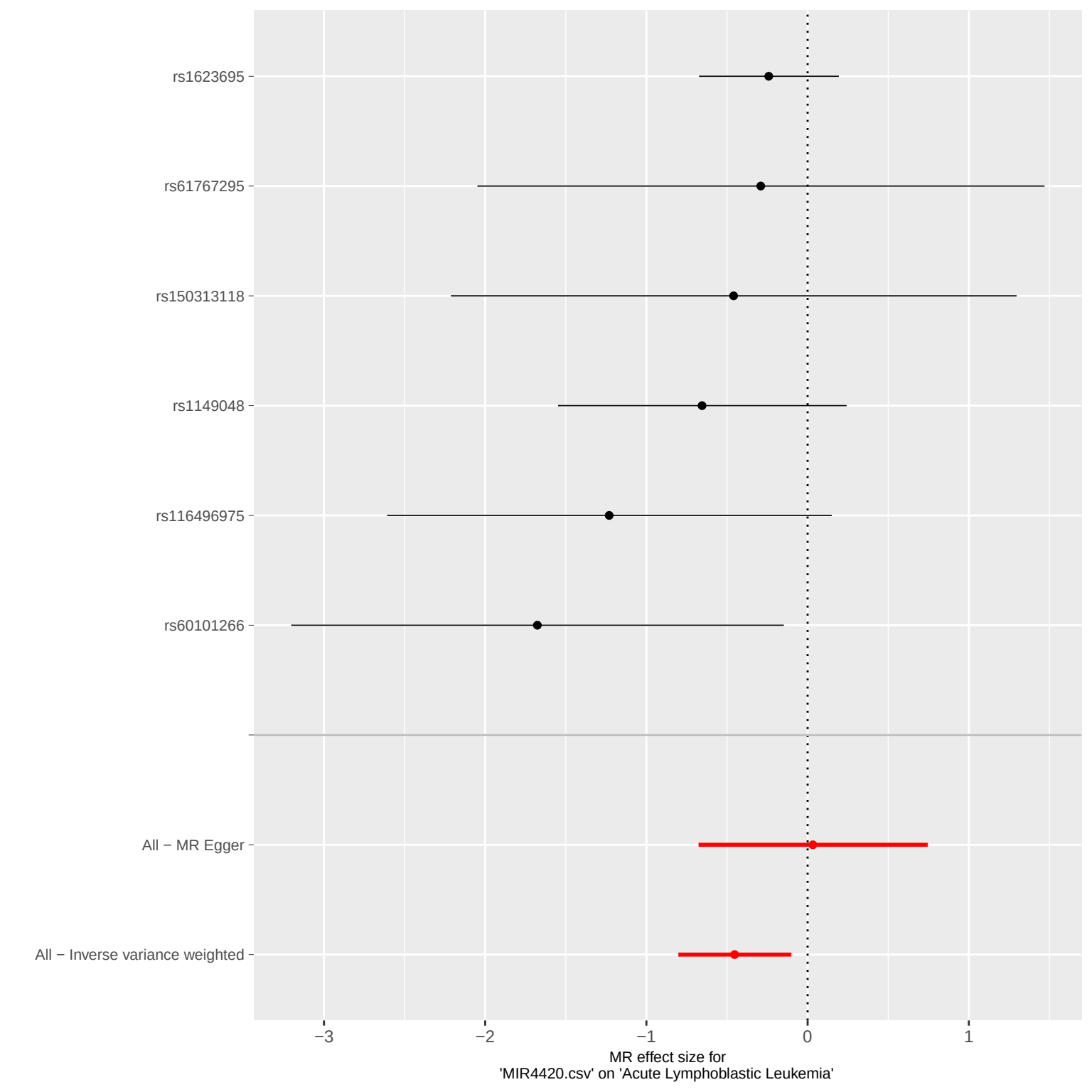
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'MIOS.csv' on 'Acute Lymphoblastic Leukemia'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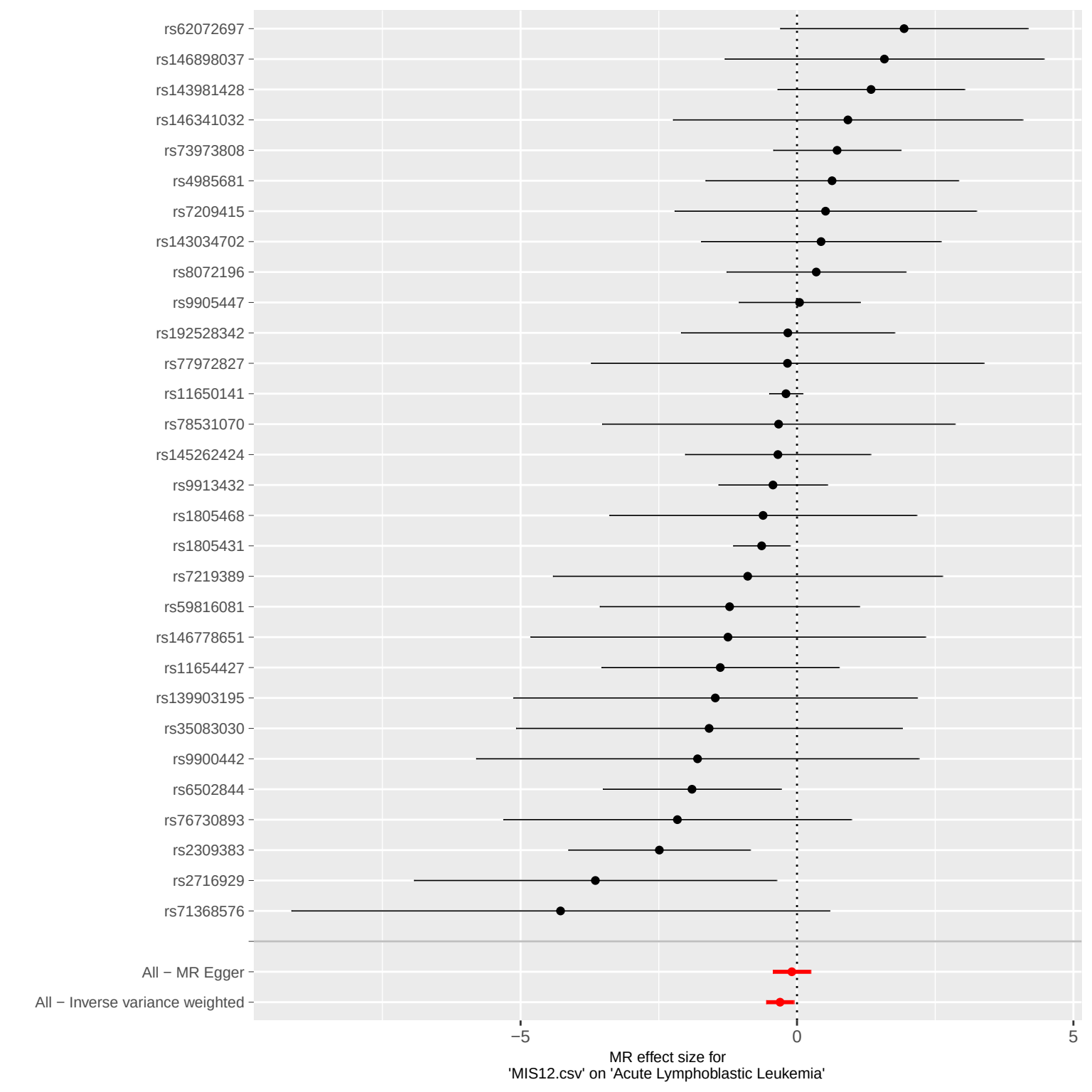
rs150313118
rs1149048
rs116496975
rs60101266
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'MIR4420.csv' on 'Acute Lymphoblastic Leukemia'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rs35083030
rs9900442
rs6502844
rs76730893
rs2309383
rs2716929
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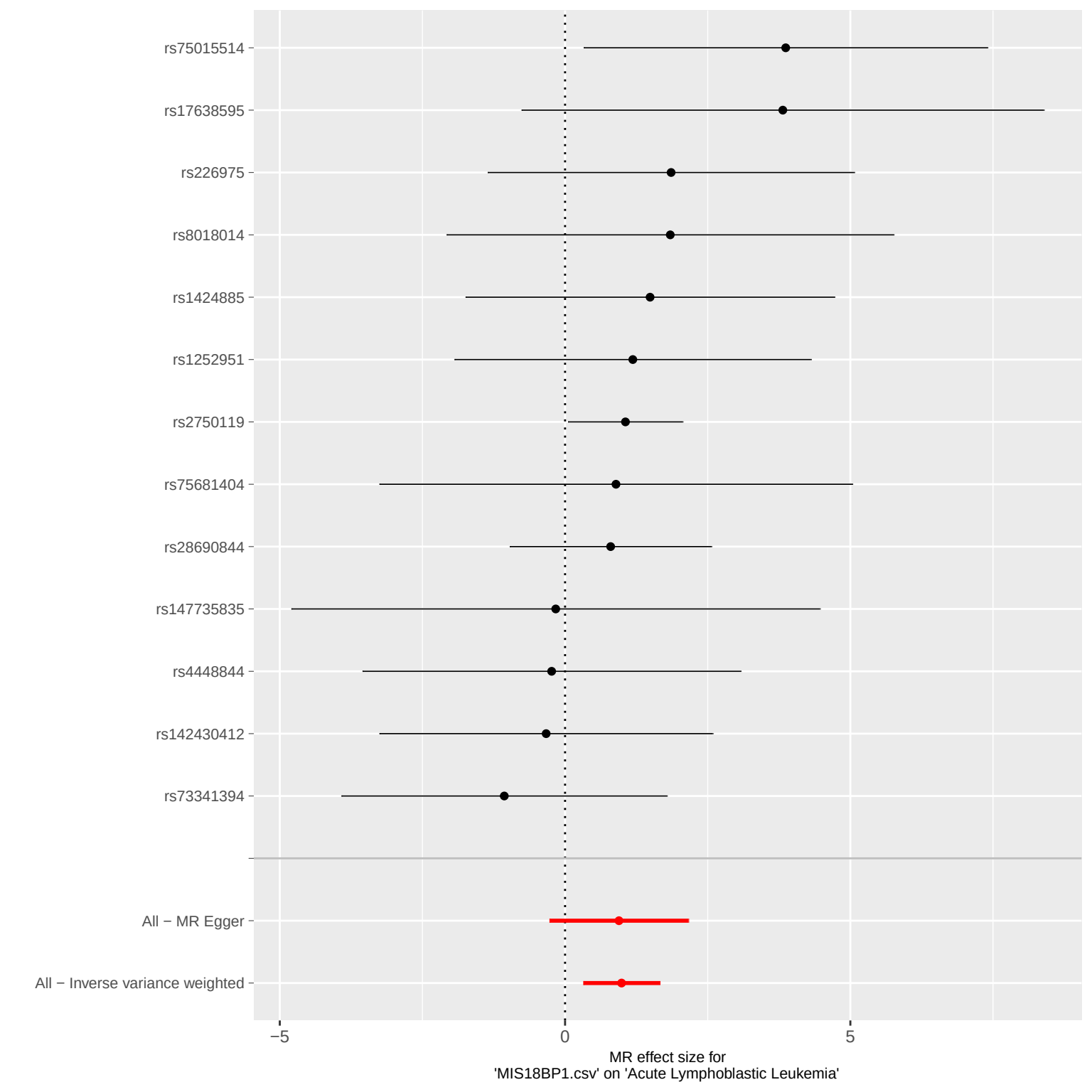
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MIS12.csv' on 'Acute Lymphoblastic Leukemia'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rs142430412
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All − Inverse variance weighted
−5
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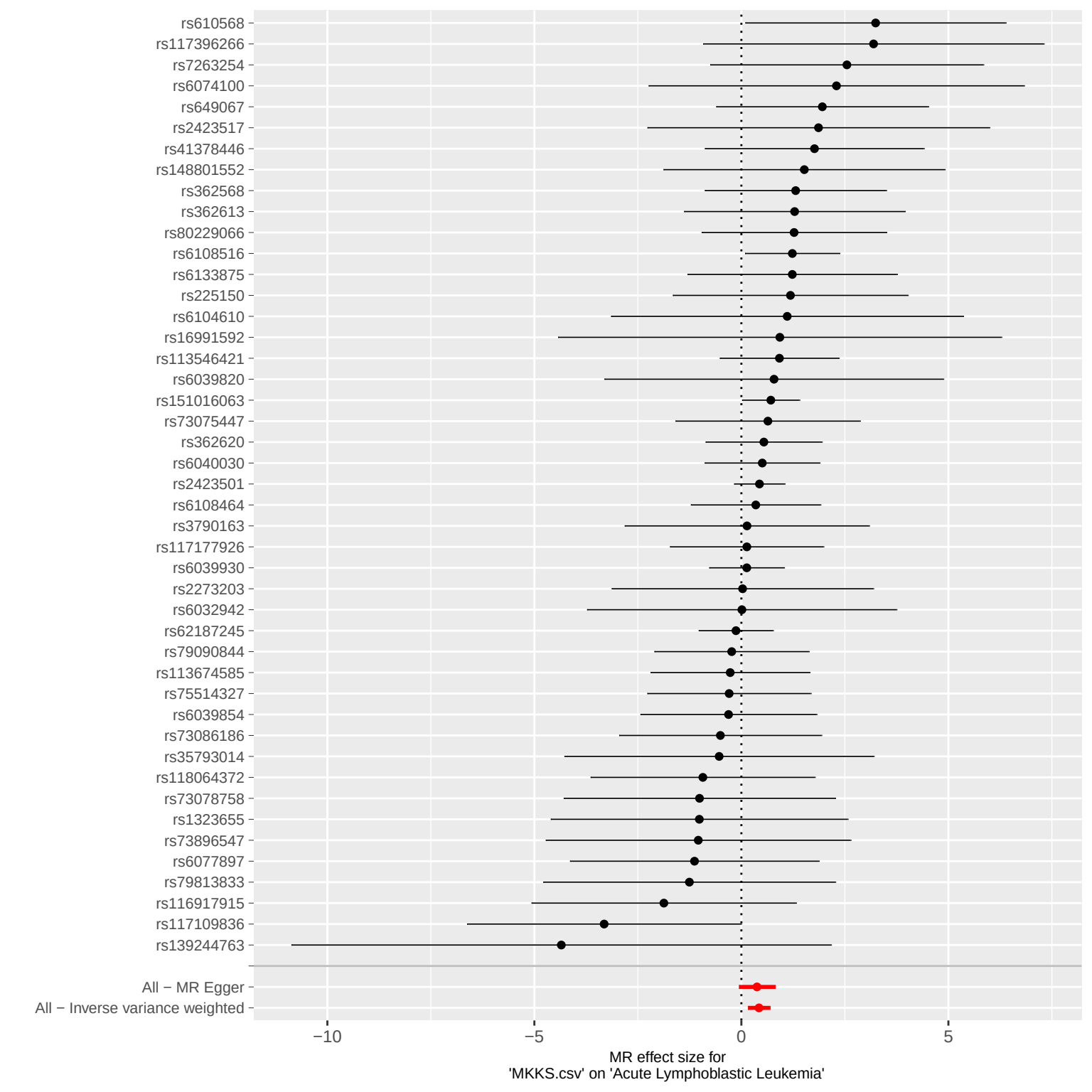
5
MR effect size for
'MIS18BP1.csv' on 'Acute Lymphoblastic Leukemia'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rs73896547
rs6077897
rs79813833
rs116917915
rs117109836
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All − Inverse variance weighted
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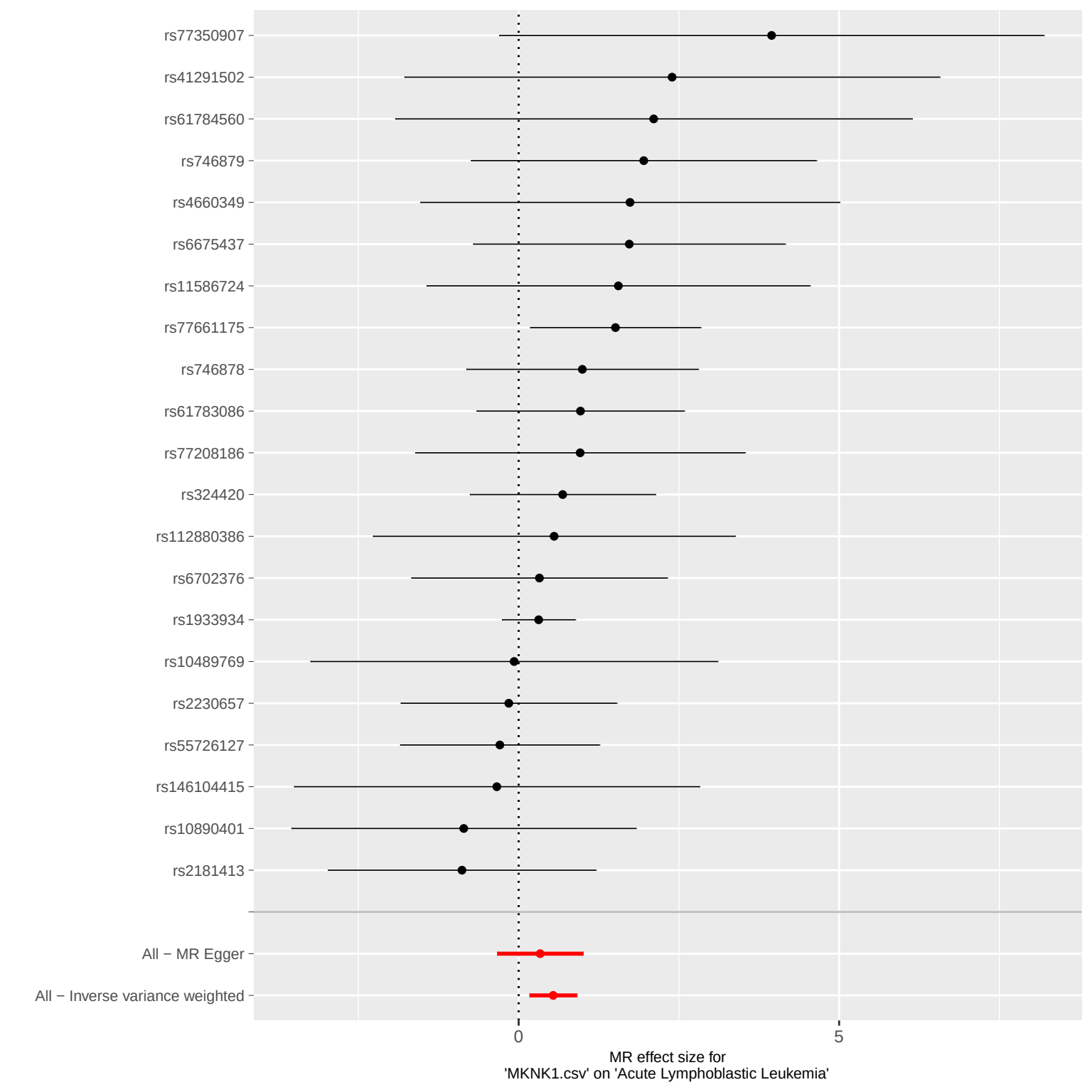
5
MR effect size for
'MKKS.csv' on 'Acute Lymphoblastic Leukemia'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rs77208186
rs324420
rs112880386
rs6702376
rs1933934
rs10489769
rs2230657
rs55726127
rs146104415
rs10890401
rs2181413
All − MR Egger
All − Inverse variance weighted
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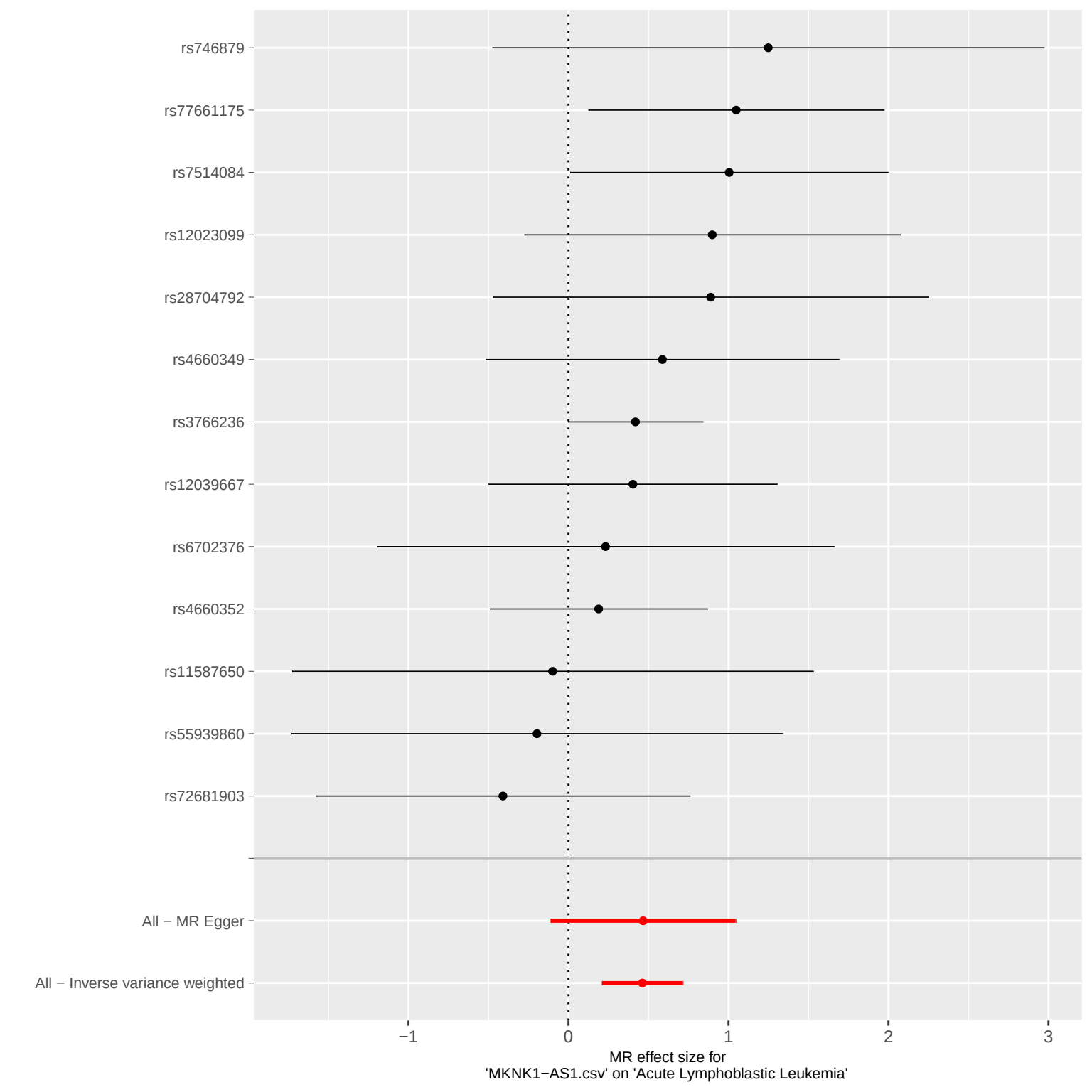
5
MR effect size for
'MKNK1.csv' on 'Acute Lymphoblastic Leukemia'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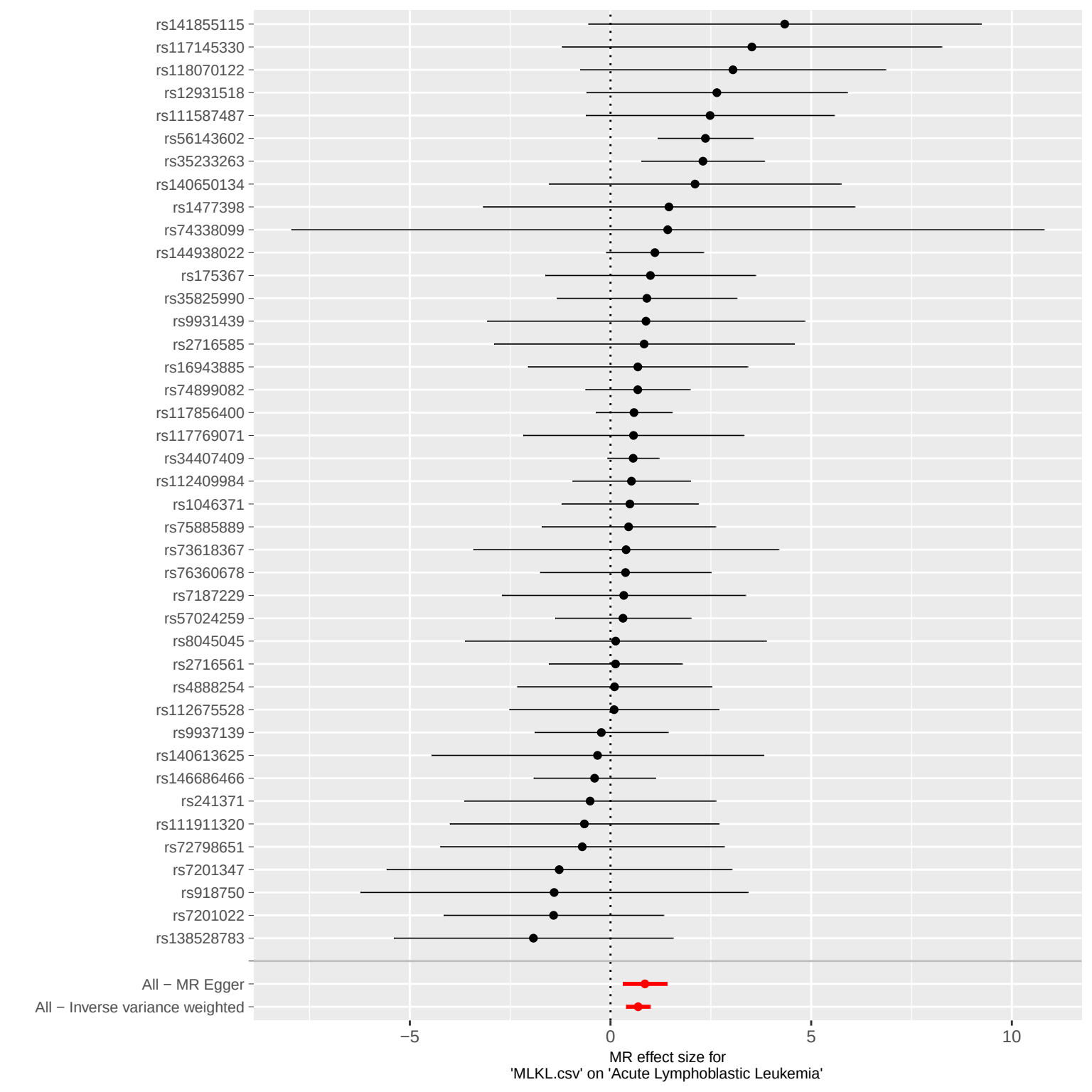
rs4660349
rs3766236
rs12039667
rs6702376
rs4660352
rs11587650
rs55939860
rs72681903
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'MKNK1−AS1.csv' on 'Acute Lymphoblastic Leukemia'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rs117769071
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rs112409984
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rs57024259
rs8045045
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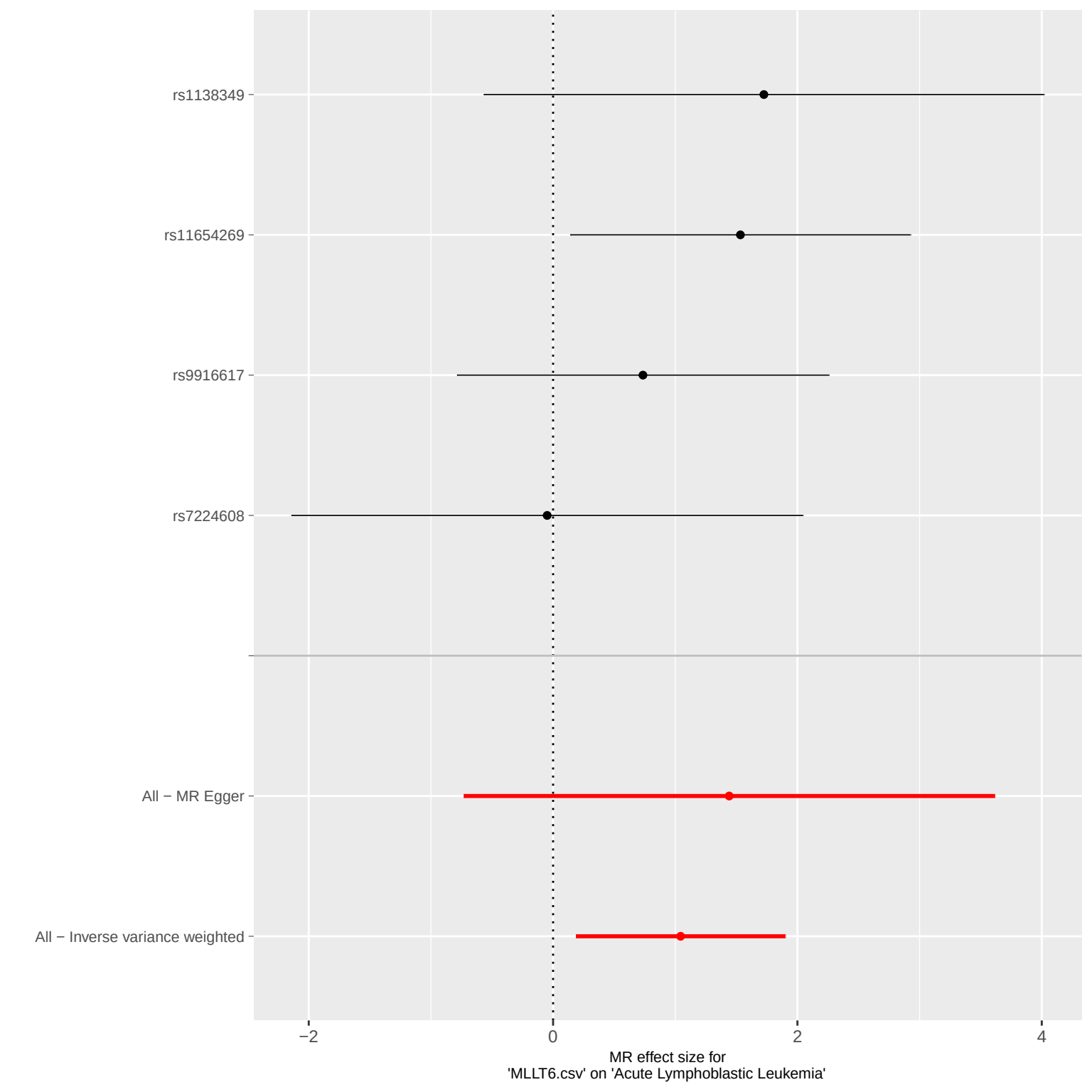
rs4888254
rs112675528
rs9937139
rs140613625
rs146686466
rs241371
rs111911320
rs72798651
rs7201347
rs918750
rs7201022
rs138528783
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'MLKL.csv' on 'Acute Lymphoblastic Leukemia'


rs1138349
rs11654269
rs9916617
rs7224608
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All − Inverse variance weighted
−2
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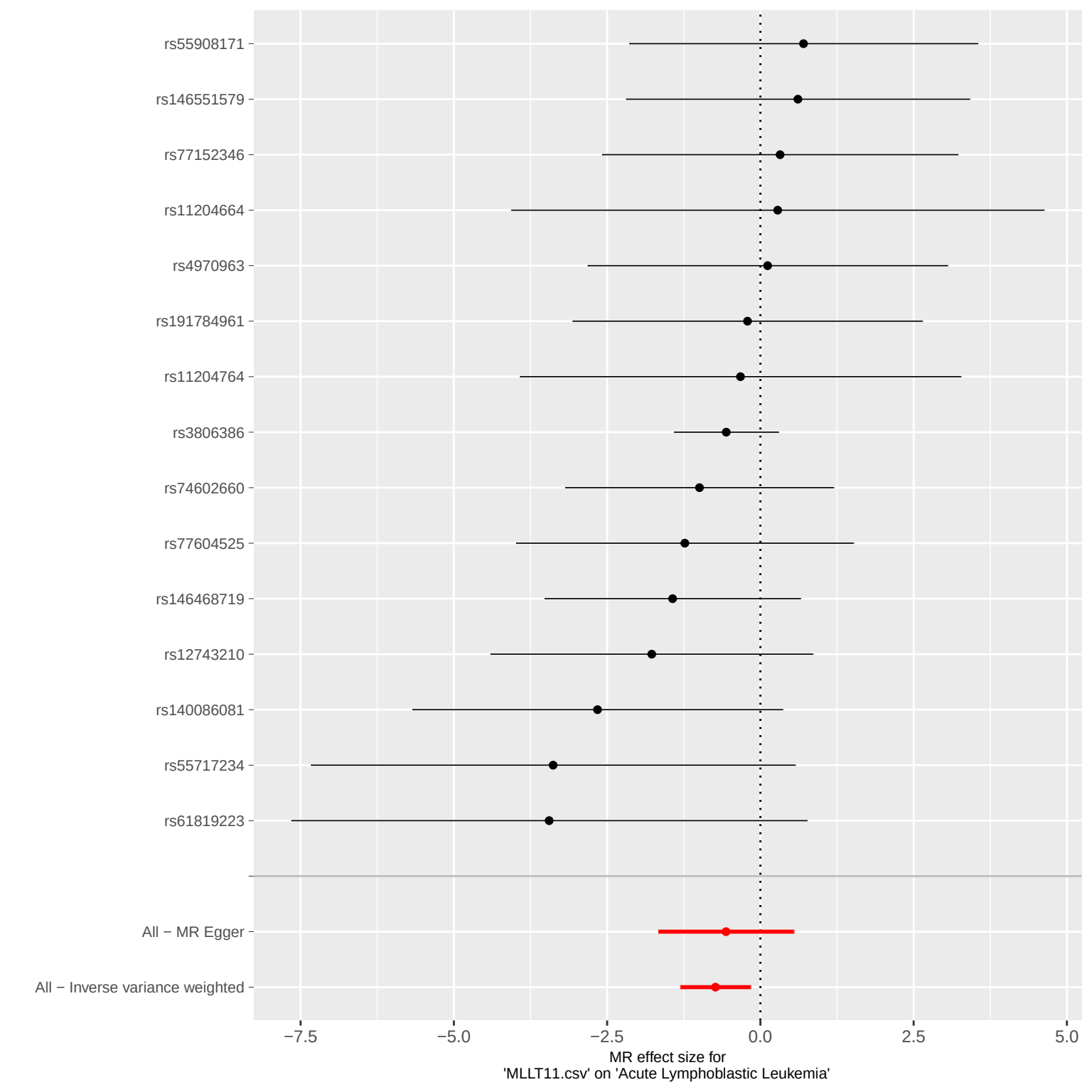
2
4
MR effect size for
'MLLT6.csv' on 'Acute Lymphoblastic Leukemia'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rs11204764
rs3806386
rs74602660
rs77604525
rs146468719
rs12743210
rs140086081
rs55717234
rs61819223
All − MR Egger
All − Inverse variance weighted
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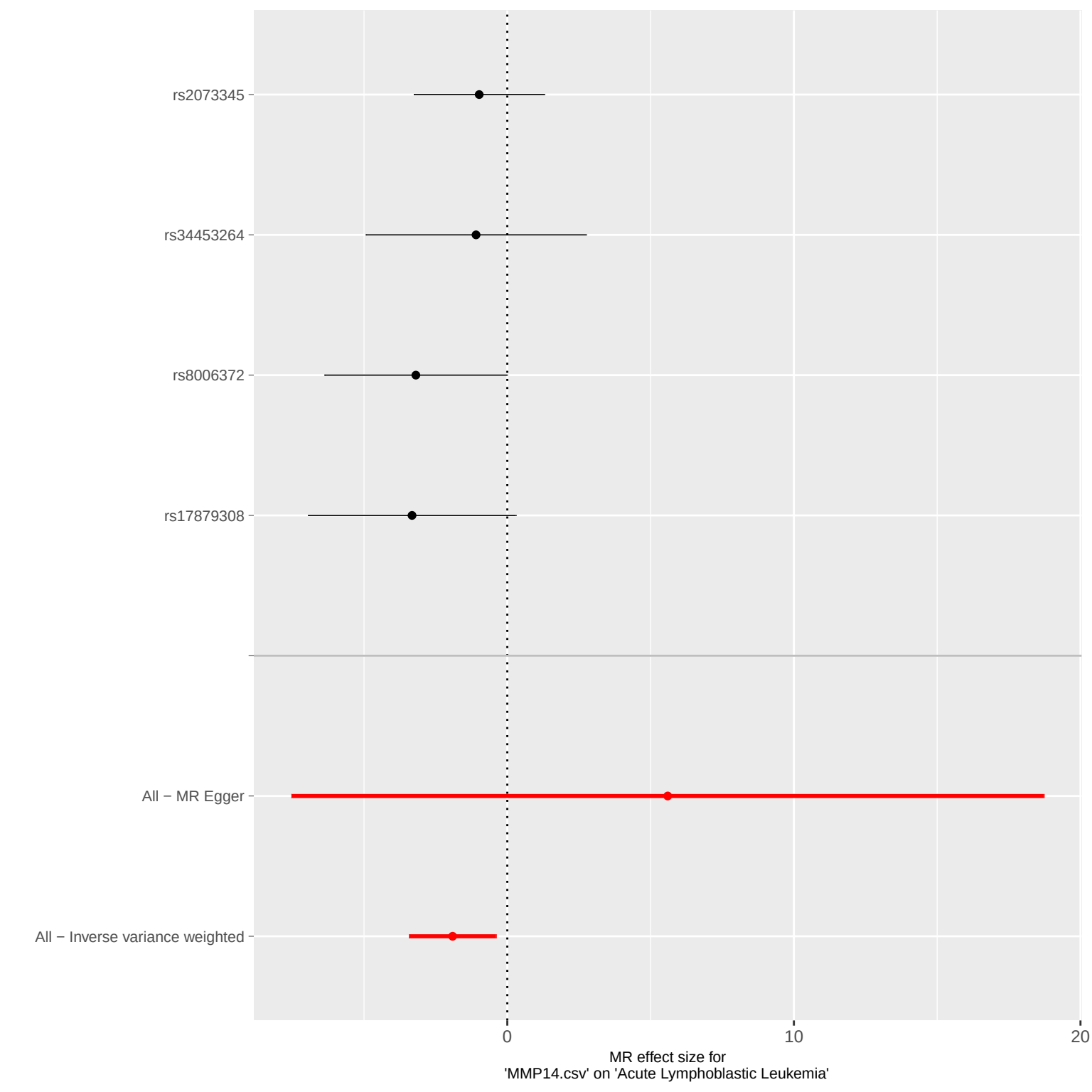
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'MLLT11.csv' on 'Acute Lymphoblastic Leukemia'


rs2073345
rs34453264
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All − MR Egger
All − Inverse variance weighted
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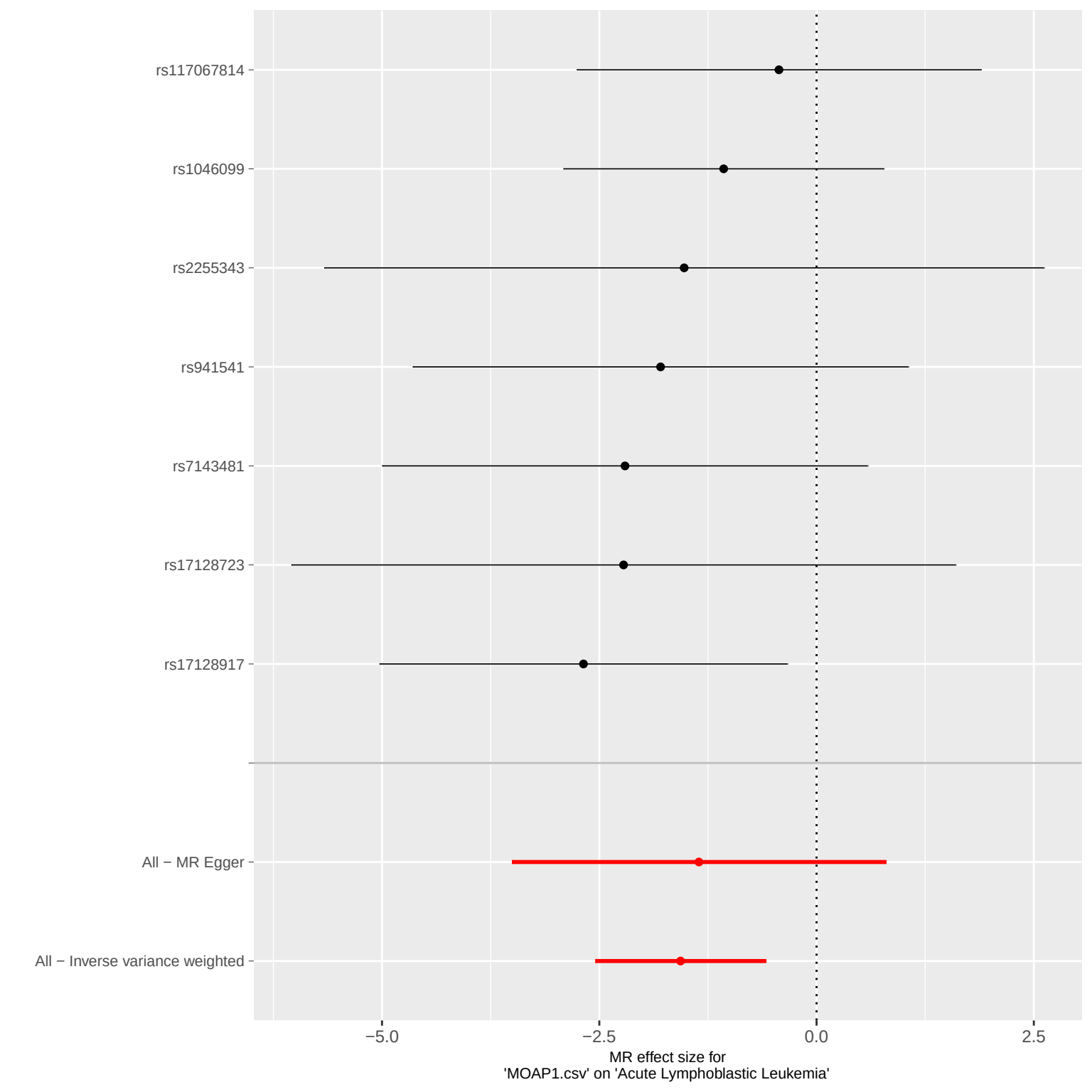
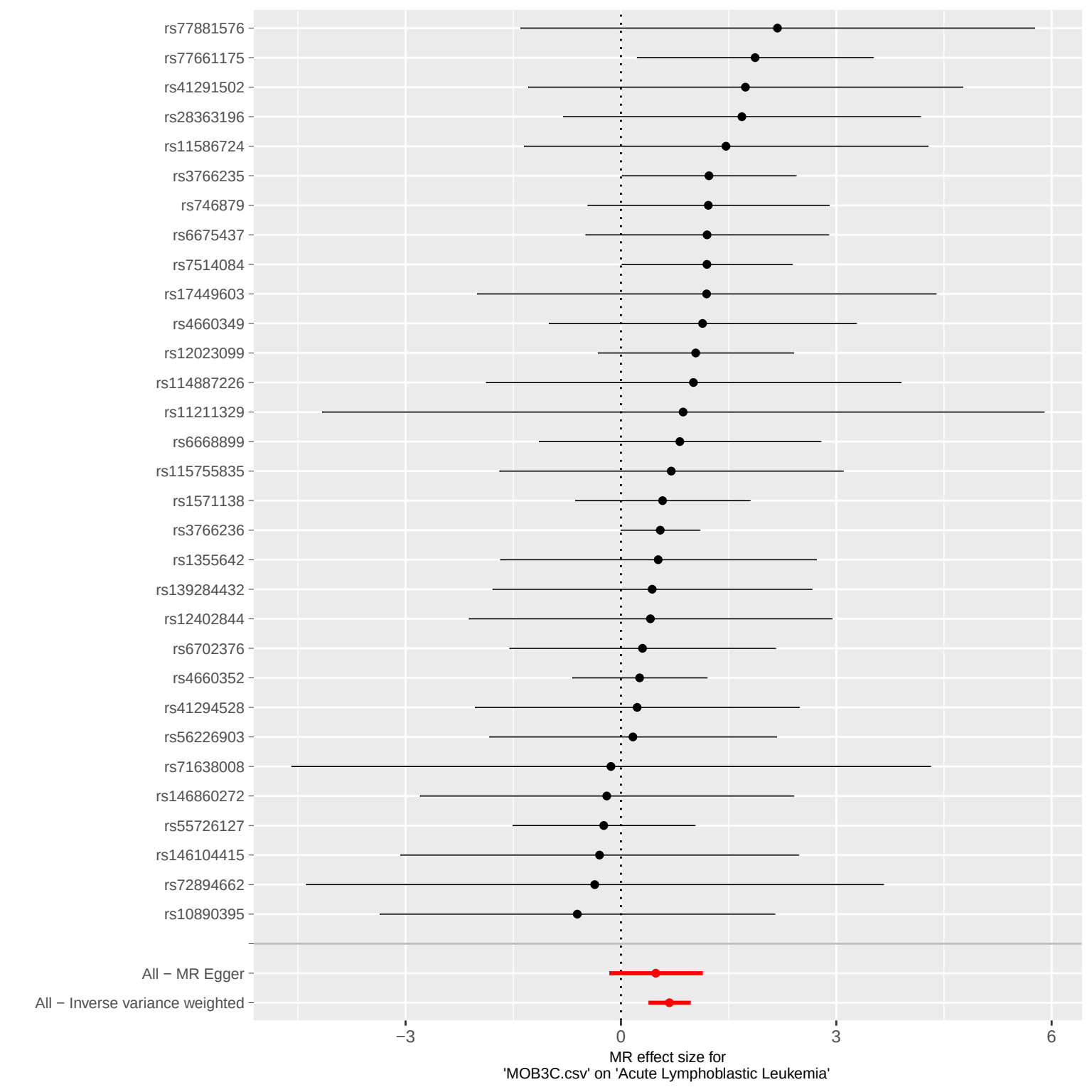
10
20
MR effect size for
'MMP14.csv' on 'Acute Lymphoblastic Leukemia'


rs117067814
rs1046099
rs2255343
rs941541
rs7143481
rs17128723
rs17128917
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MOAP1.csv' on 'Acute Lymphoblastic Leukemia'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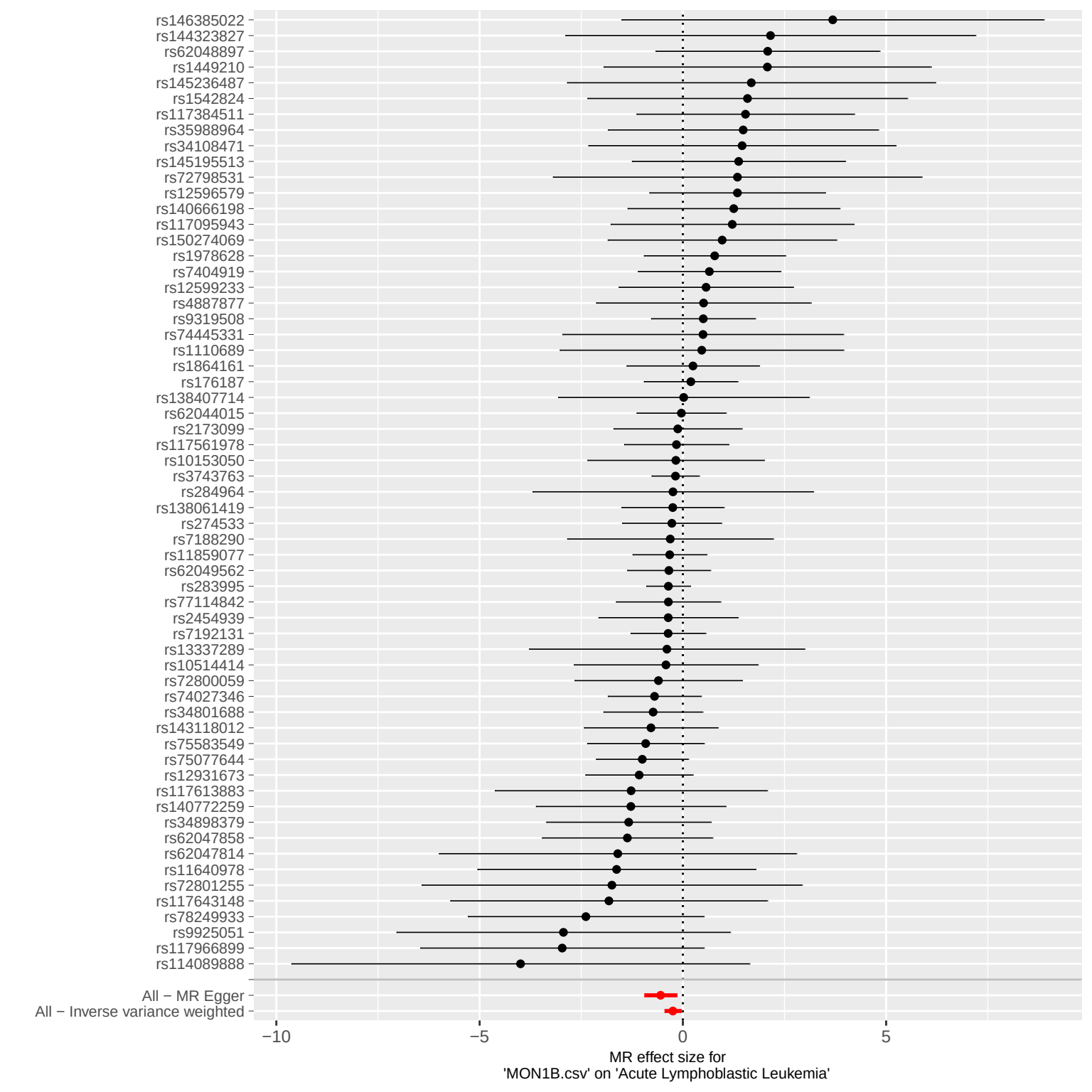
rs6702376
rs4660352
rs41294528
rs56226903
rs71638008
rs146860272
rs55726127
rs146104415
rs72894662
rs10890395
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'MOB3C.csv' on 'Acute Lymphoblastic Leukemia'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rs7404919
rs12599233
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rs9319508
rs74445331
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rs1864161
rs176187
rs138407714
rs62044015
rs2173099
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rs10153050
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rs77114842
rs2454939
rs7192131
rs13337289
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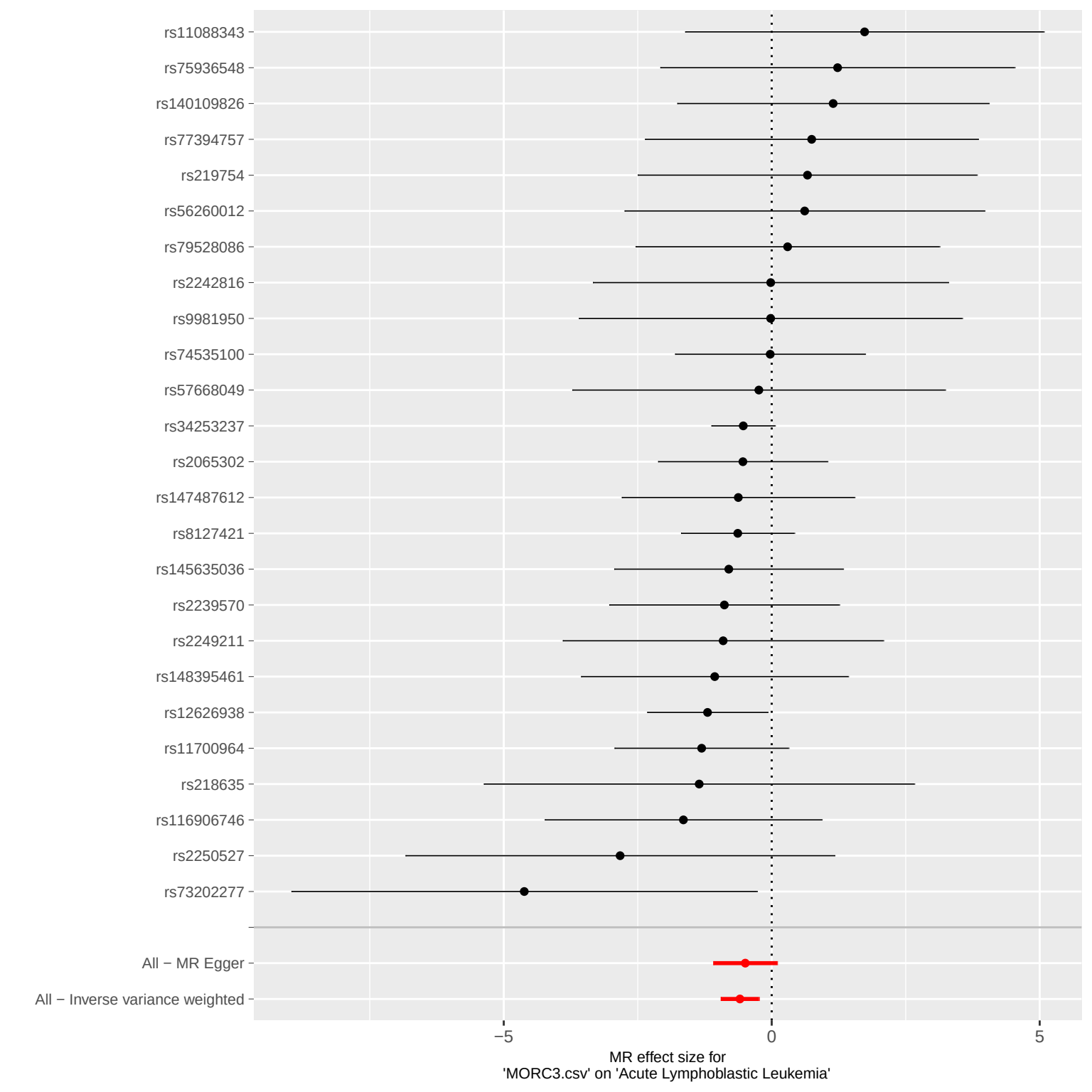
rs72801255
rs117643148
rs78249933
rs9925051
rs117966899
rs114089888
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'MON1B.csv' on 'Acute Lymphoblastic Leukemia'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rs79528086
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rs9981950
rs74535100
rs57668049
rs34253237
rs2065302
rs147487612
rs8127421
rs145635036
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rs2249211
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rs12626938
rs11700964
rs218635
rs116906746
rs2250527
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All − MR Egger
All − Inverse variance weighted
−5
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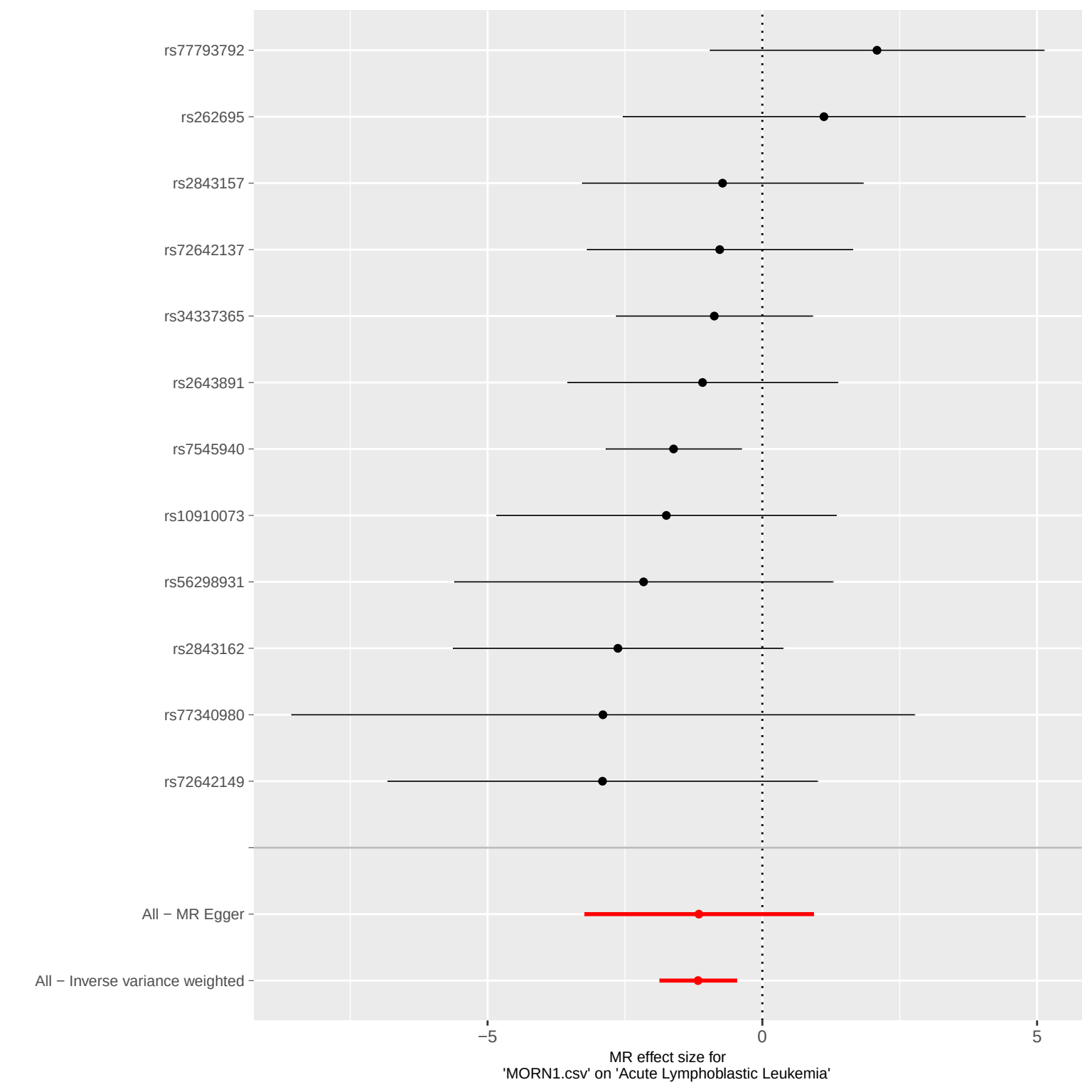
MR effect size for
'MORC3.csv' on 'Acute Lymphoblastic Leukemia'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rs2643891
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rs2843162
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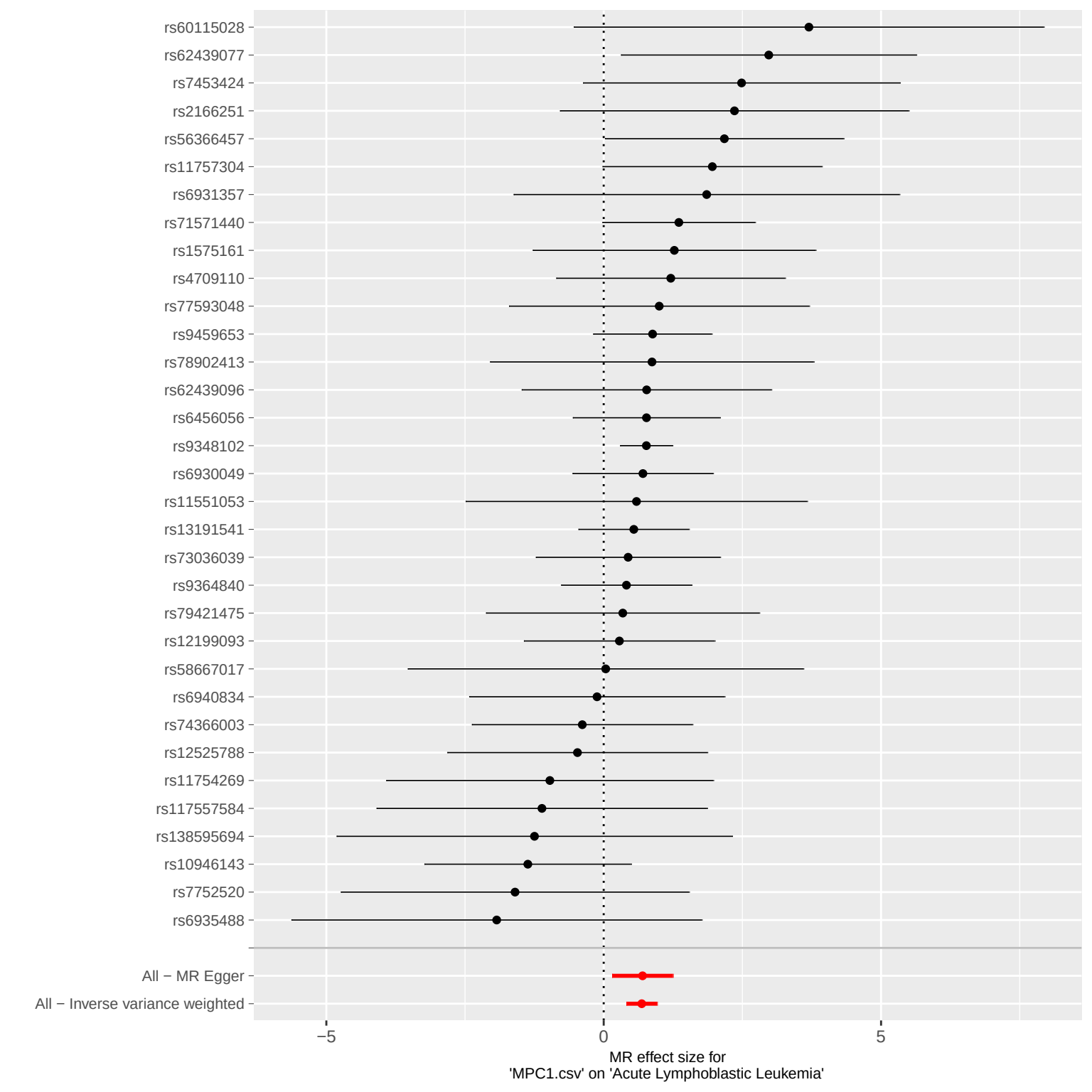
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MORN1.csv' on 'Acute Lymphoblastic Leukemia'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rs9459653
rs78902413
rs62439096
rs6456056
rs9348102
rs6930049
rs11551053
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rs73036039
rs9364840
rs79421475
rs12199093
rs58667017
rs6940834
rs74366003
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rs11754269
rs117557584
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rs10946143
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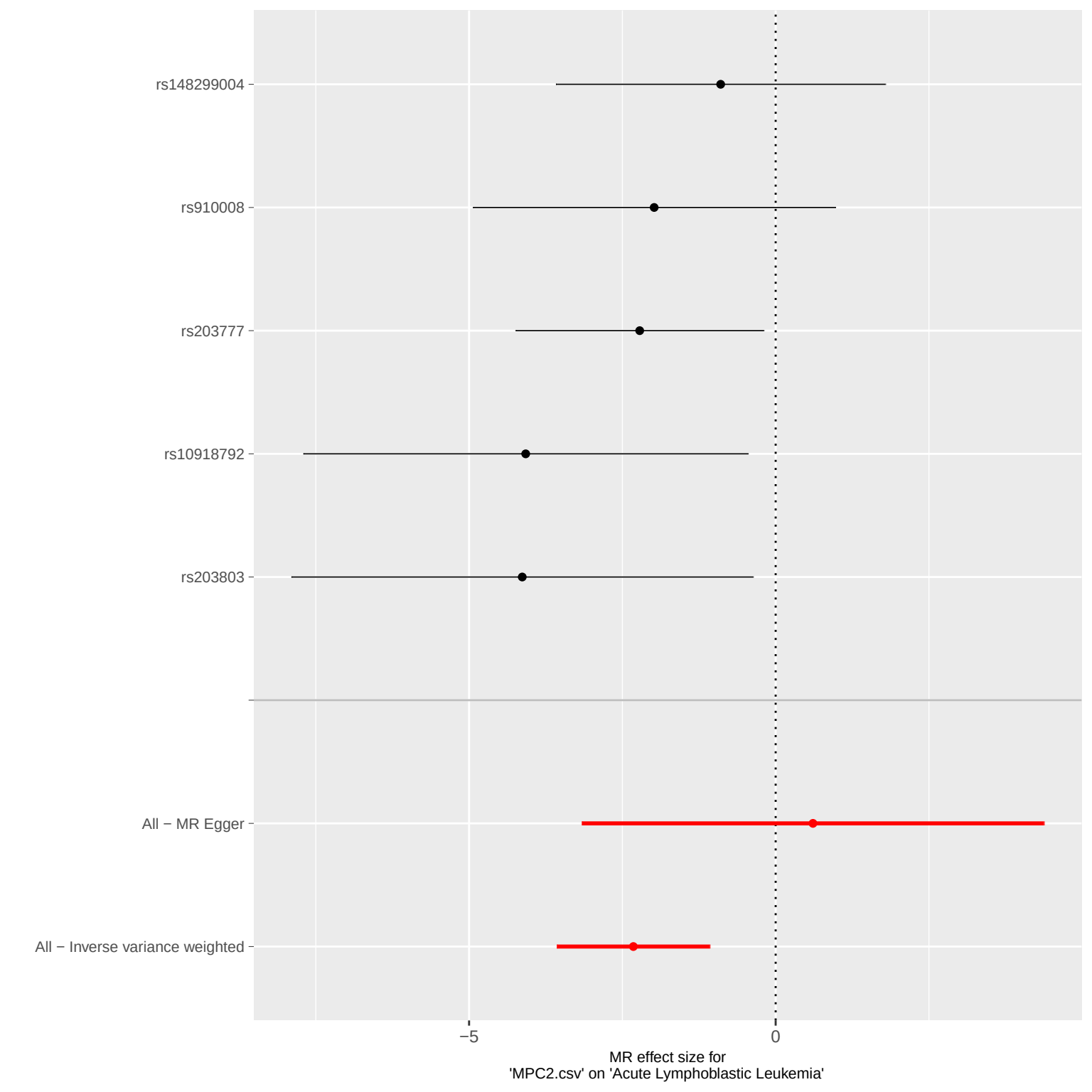
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MPC1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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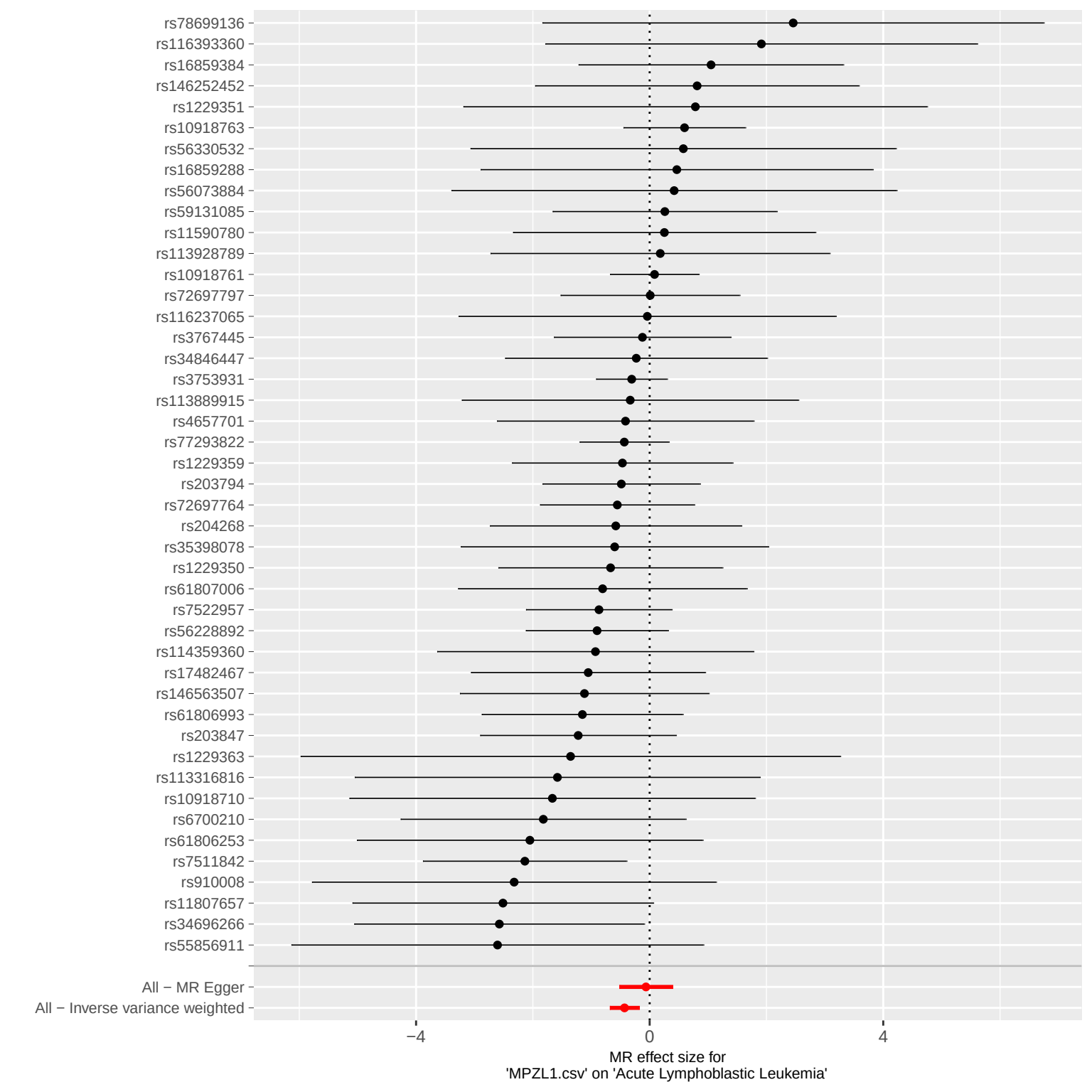
MR effect size for
'MPC2.csv' on 'Acute Lymphoblastic Leukemia'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rs10918710
rs6700210
rs61806253
rs7511842
rs910008
rs11807657
rs34696266
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All − MR Egger
All − Inverse variance weighted
−4
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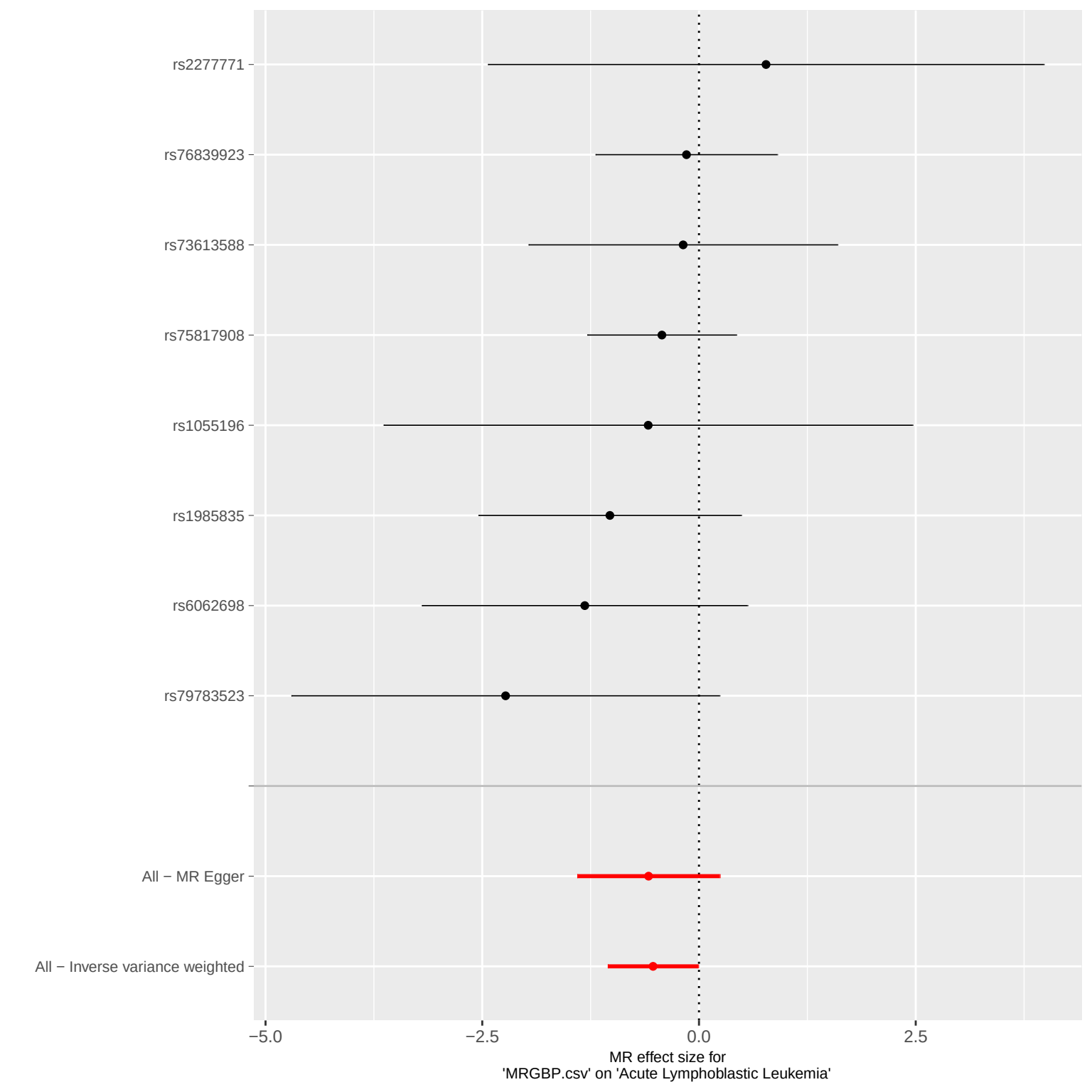
4
MR effect size for
'MPZL1.csv' on 'Acute Lymphoblastic Leukemia'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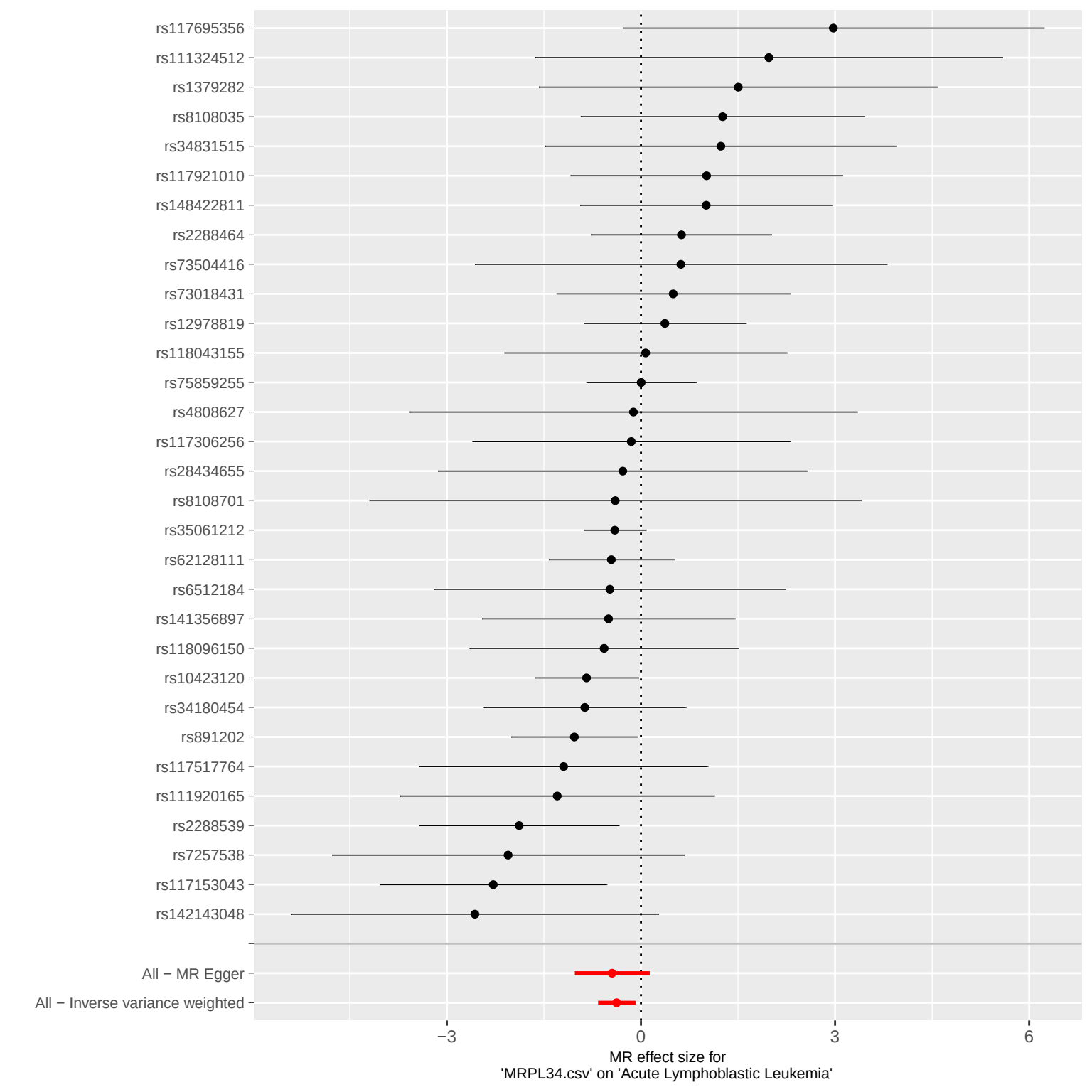
rs76839923
rs73613588
rs75817908
rs1055196
rs1985835
rs6062698
rs79783523
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MRGBP.csv' on 'Acute Lymphoblastic Leukemia'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rs12978819
rs118043155
rs75859255
rs4808627
rs117306256
rs28434655
rs8108701
rs35061212
rs62128111
rs6512184
rs141356897
rs118096150
rs10423120
rs34180454
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rs117517764
rs111920165
rs2288539
rs7257538
rs117153043
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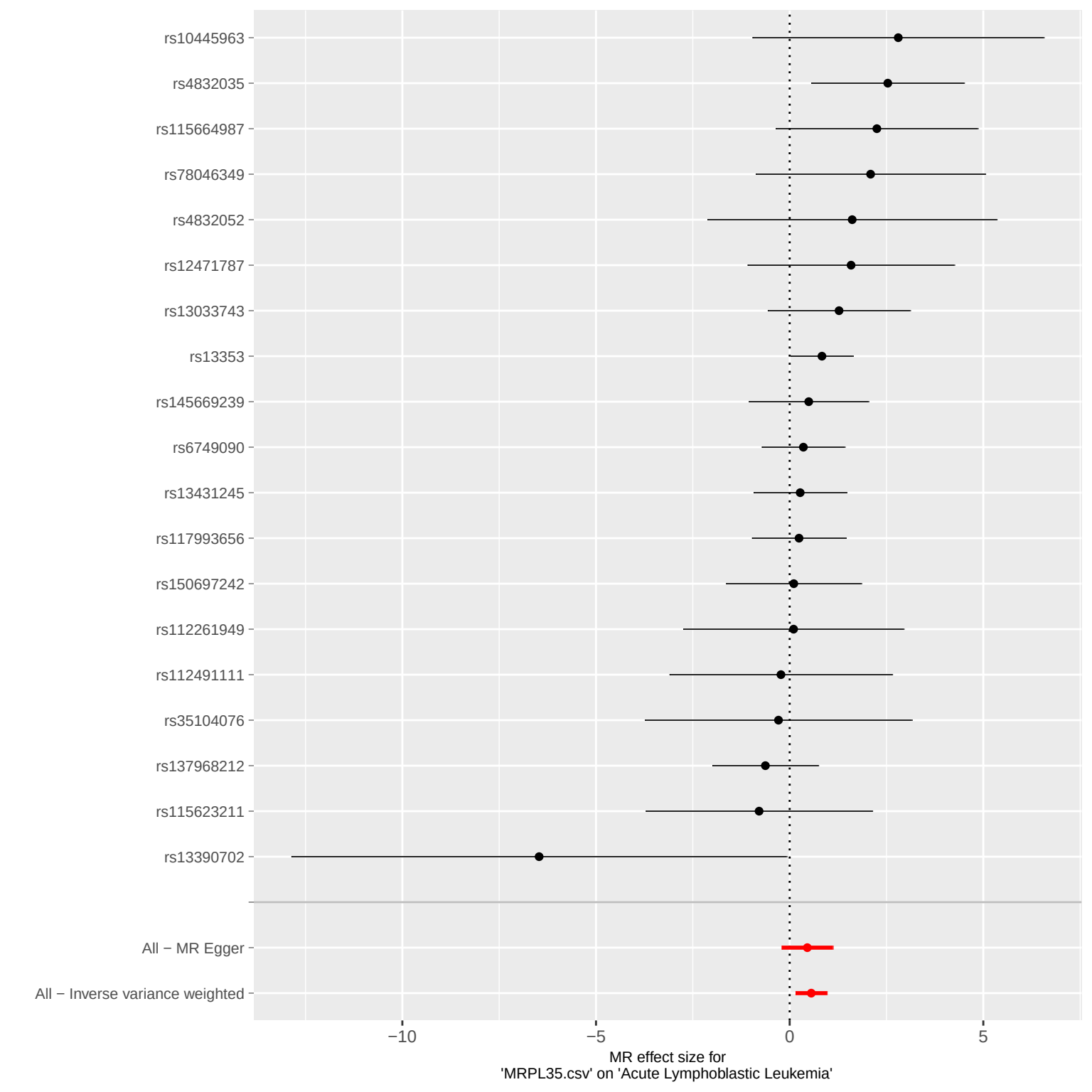
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'MRPL34.csv' on 'Acute Lymphoblastic Leukemia'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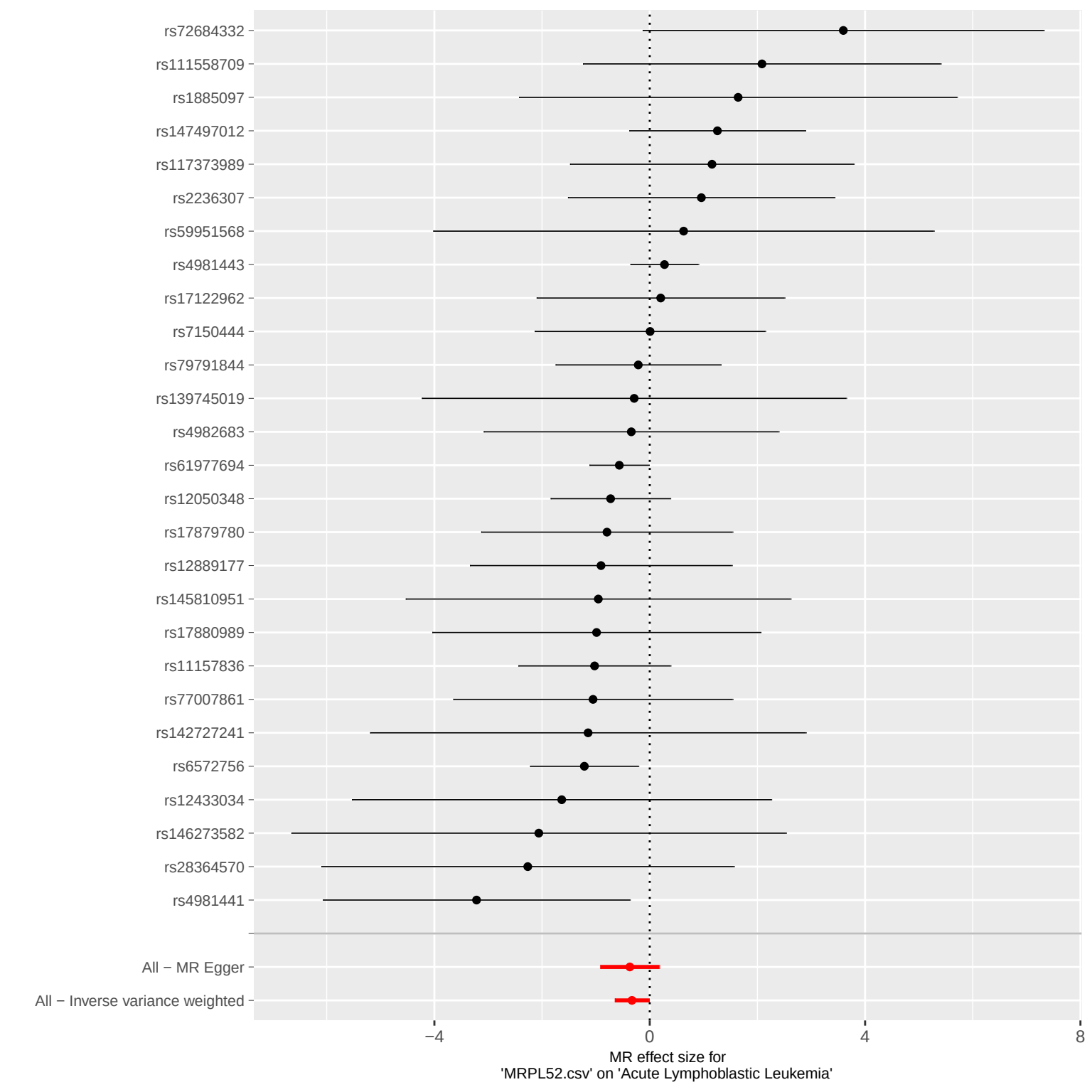
rs13431245
rs117993656
rs150697242
rs112261949
rs112491111
rs35104076
rs137968212
rs115623211
rs13390702
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'MRPL35.csv' on 'Acute Lymphoblastic Leukemia'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rs142727241
rs6572756
rs12433034
rs146273582
rs28364570
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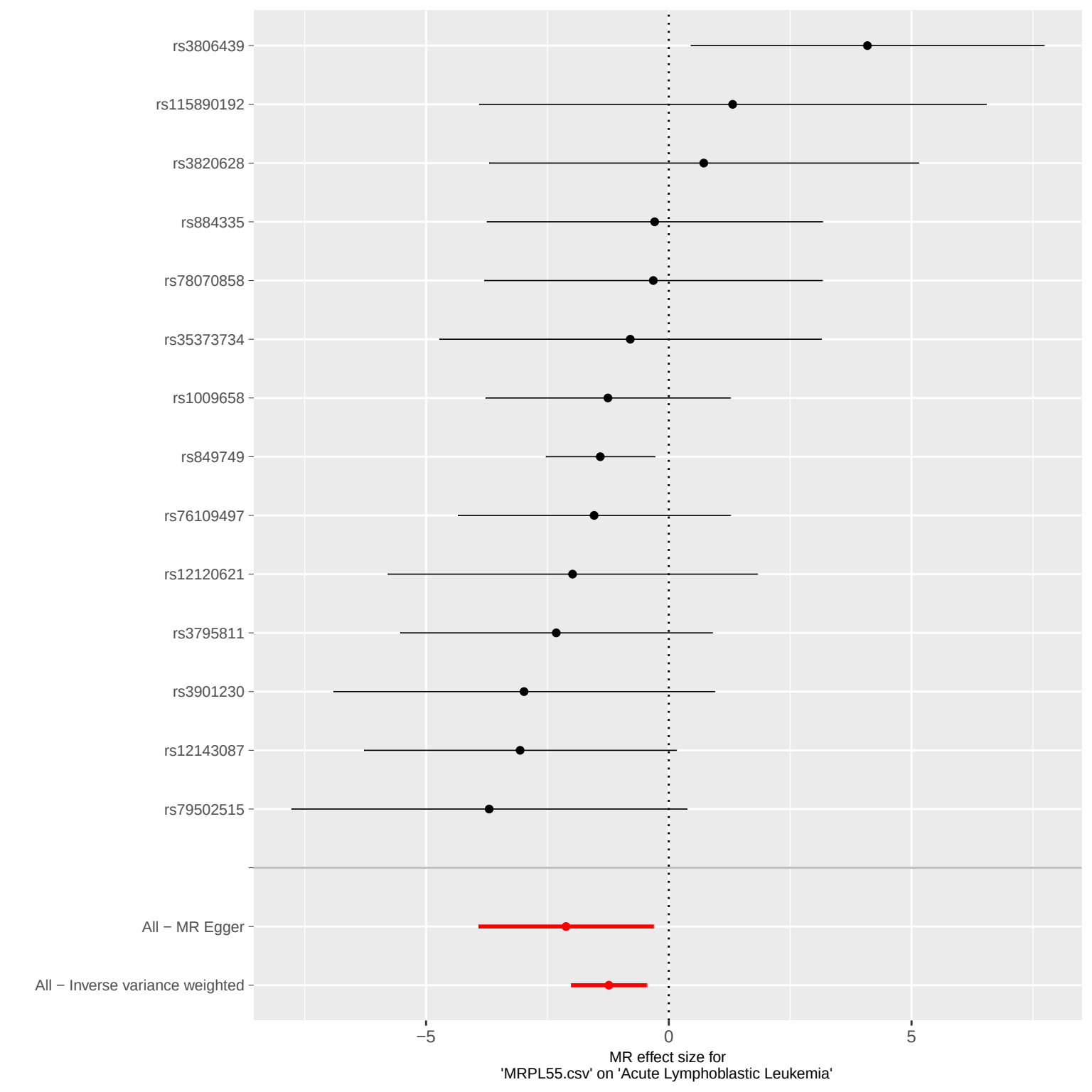
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'MRPL52.csv' on 'Acute Lymphoblastic Leukemia'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rs3795811
rs3901230
rs12143087
rs79502515
All − MR Egger
All − Inverse variance weighted
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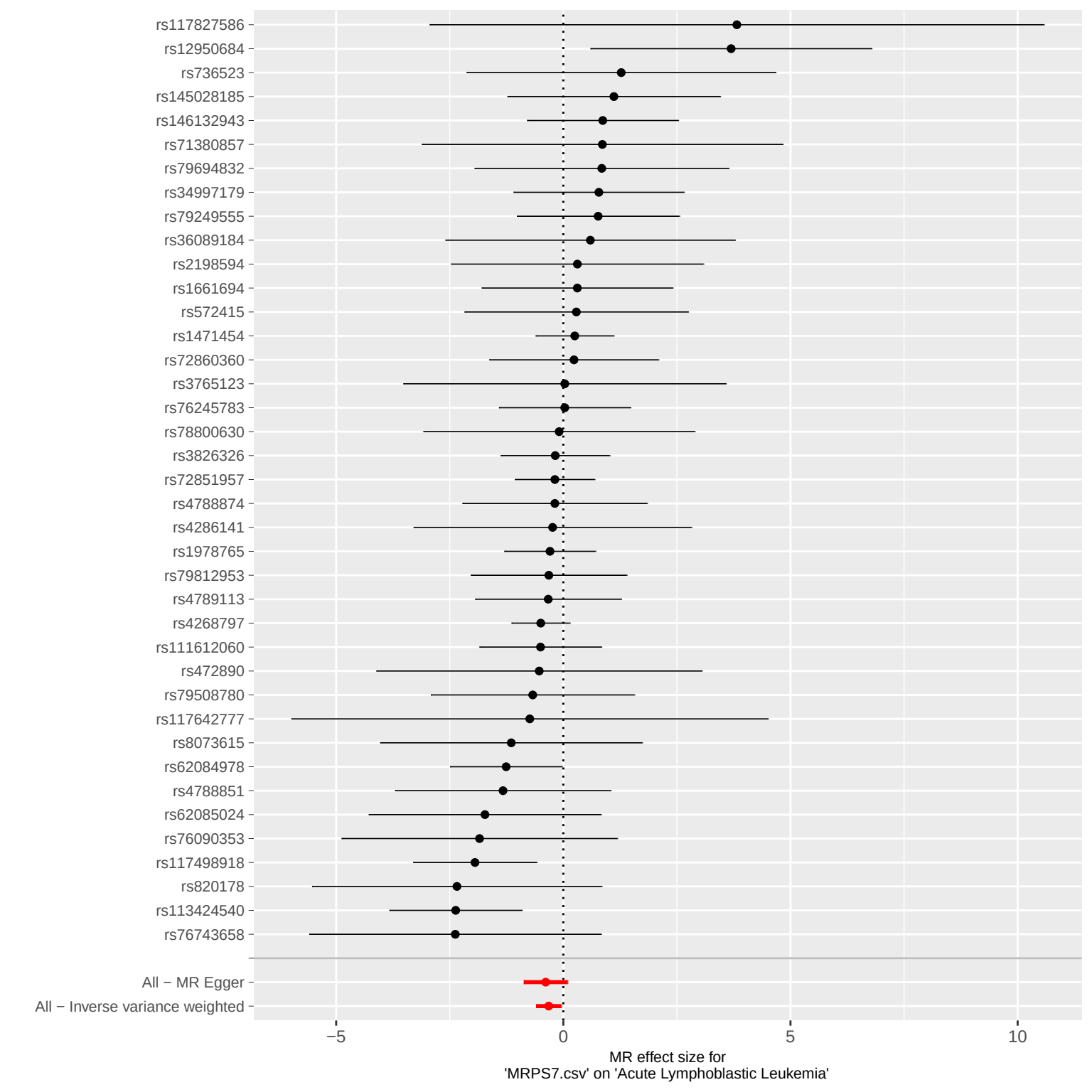
0
5
MR effect size for
'MRPL55.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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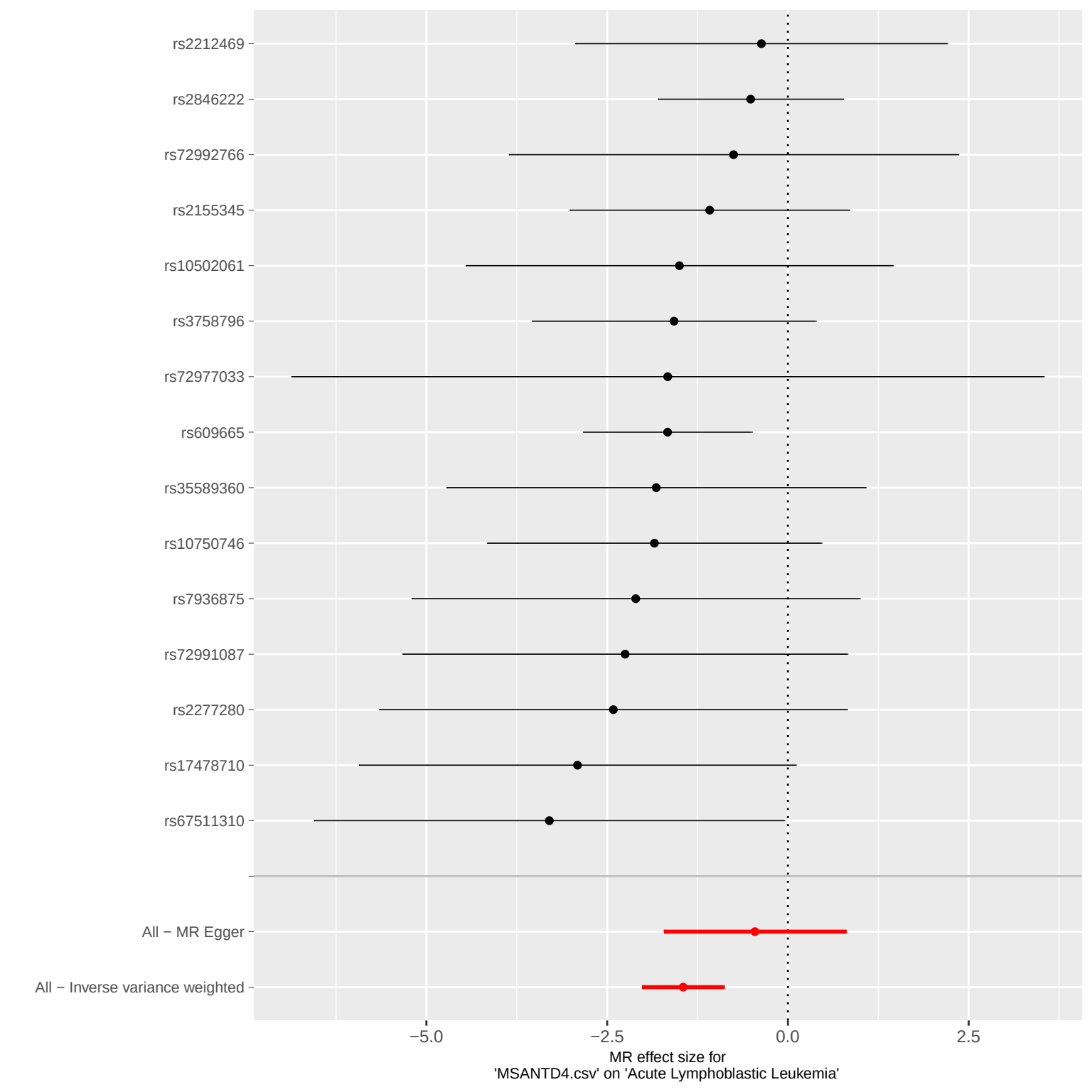
5
10
MR effect size for
'MRPS7.csv' on 'Acute Lymphoblastic Leukemia'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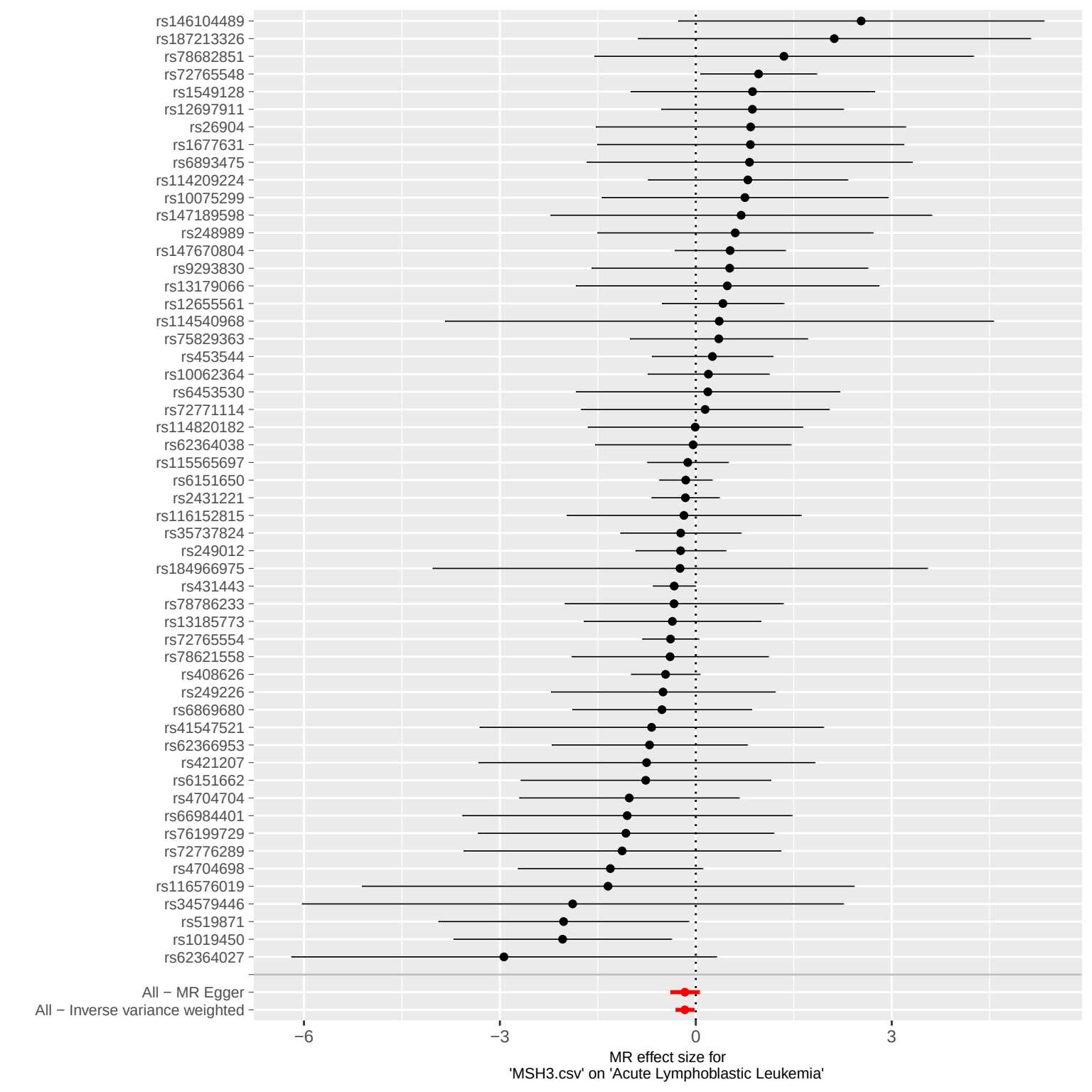
rs72991087
rs2277280
rs17478710
rs67511310
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MSANTD4.csv' on 'Acute Lymphoblastic Leukemia'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rs6151662
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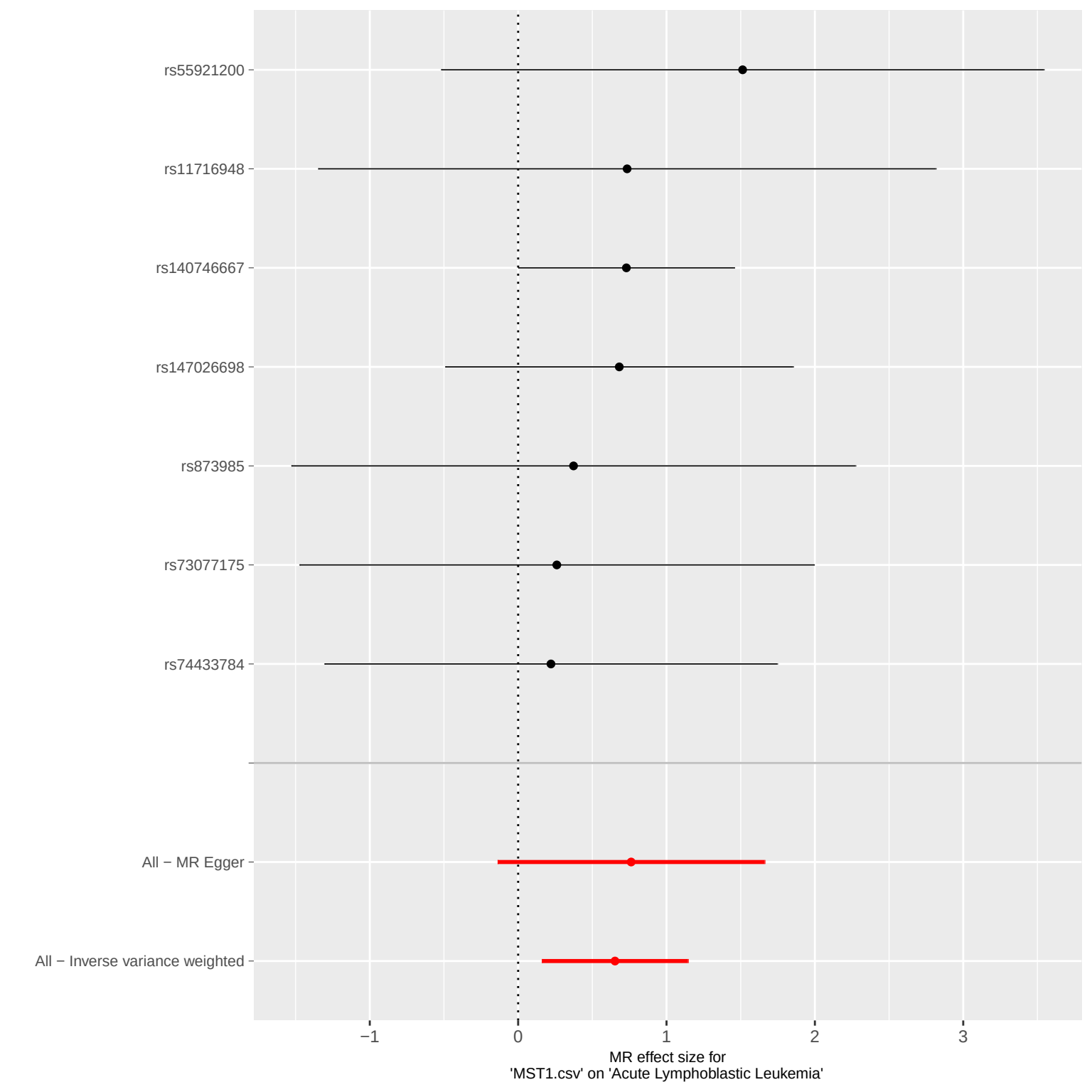
rs76199729
rs72776289
rs4704698
rs116576019
rs34579446
rs519871
rs1019450
rs62364027
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'MSH3.csv' on 'Acute Lymphoblastic Leukemia'


rs55921200
rs11716948
rs140746667
rs147026698
rs873985
rs73077175
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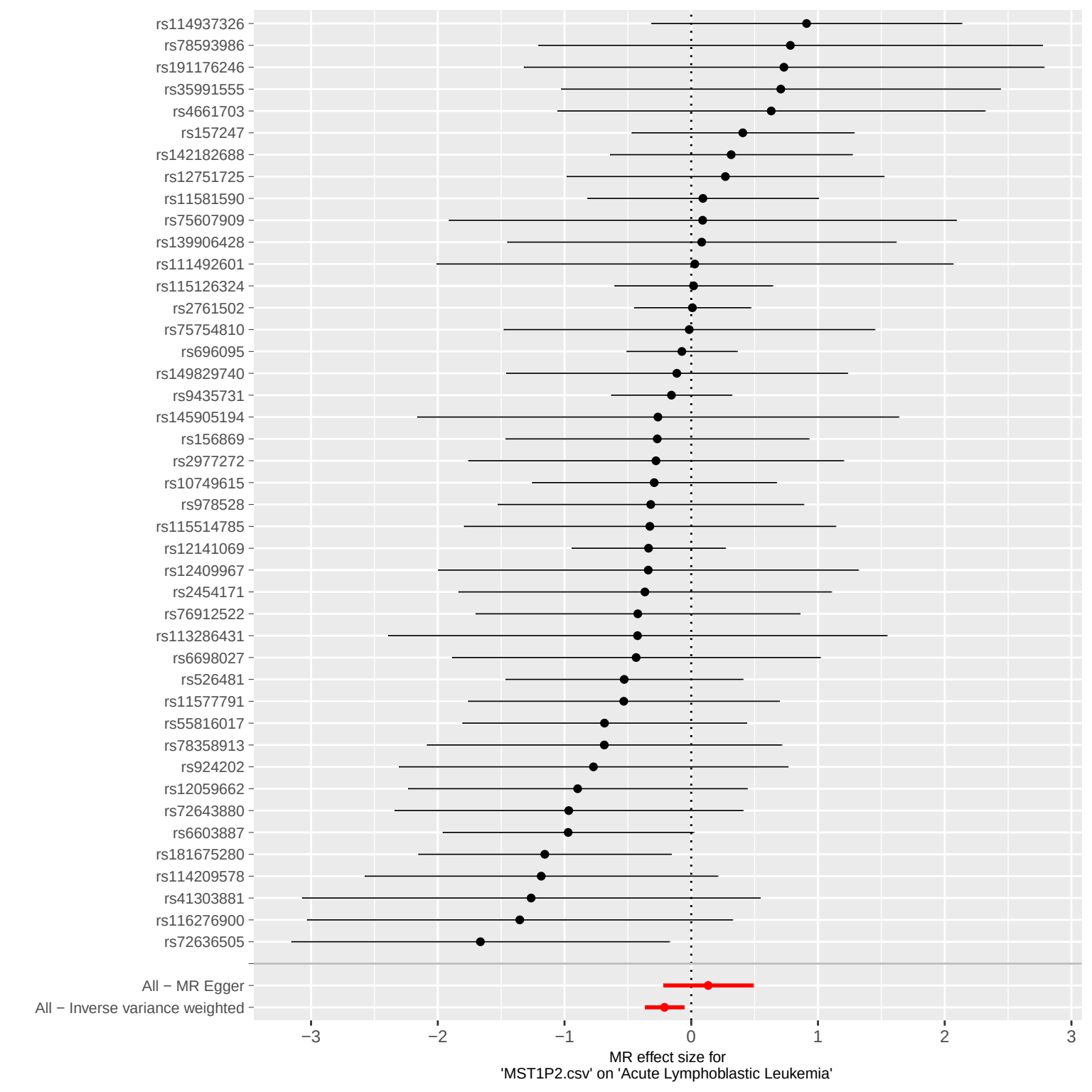
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'MST1.csv' on 'Acute Lymphoblastic Leukemia'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rs924202
rs12059662
rs72643880
rs6603887
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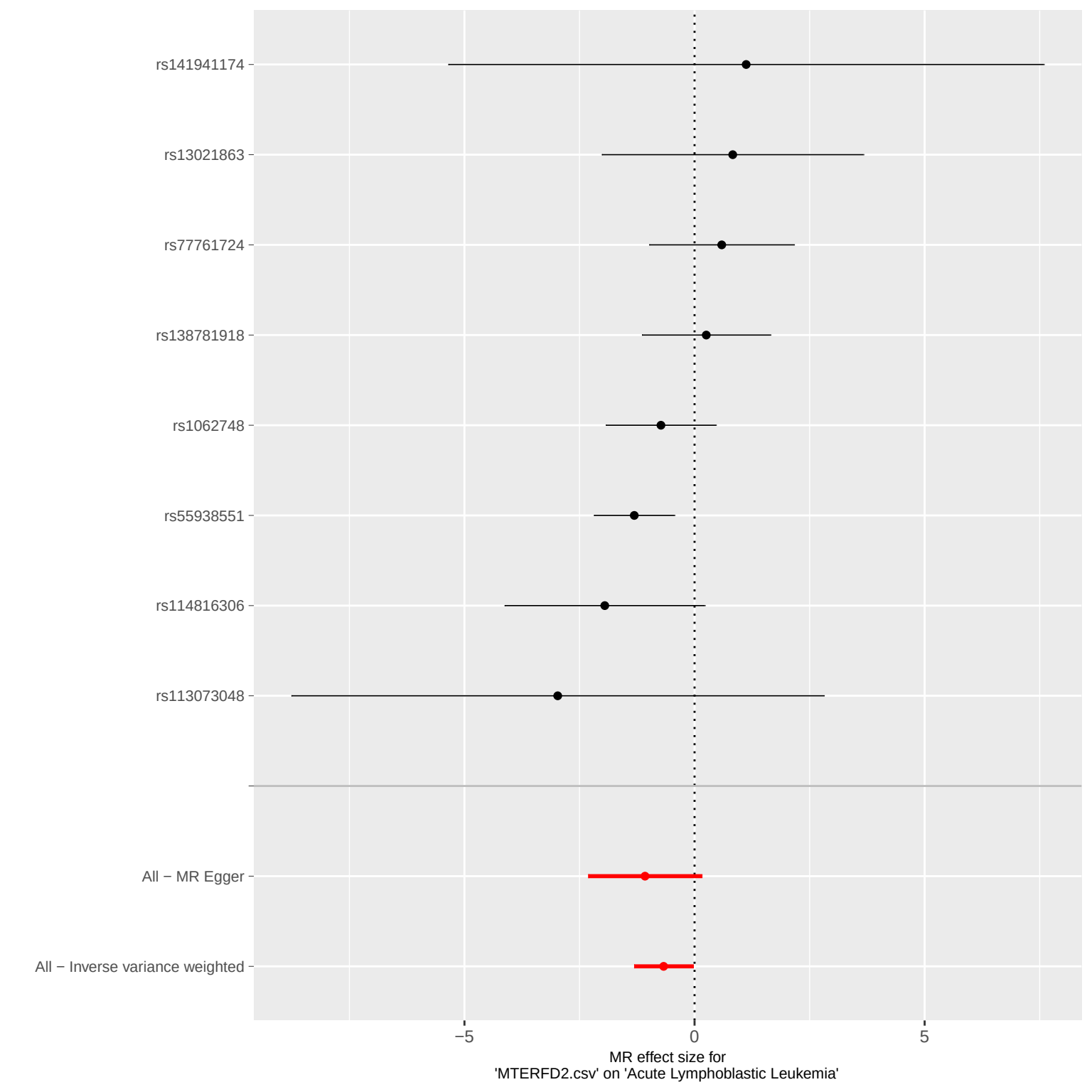
rs114209578
rs41303881
rs116276900
rs72636505
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'MST1P2.csv' on 'Acute Lymphoblastic Leukemia'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rs55938551
rs114816306
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All − MR Egger
All − Inverse variance weighted
−5
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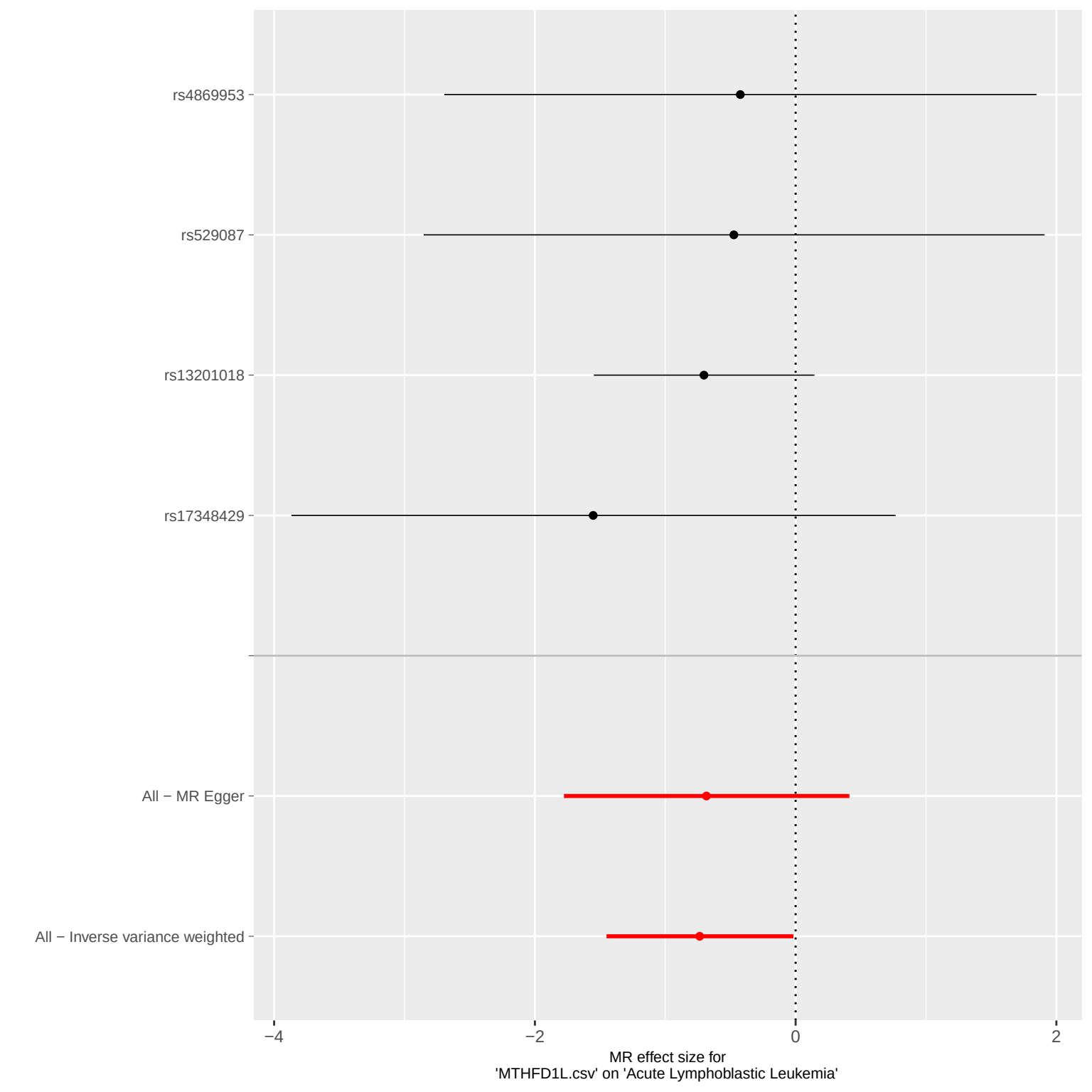
5
MR effect size for
'MTERFD2.csv' on 'Acute Lymphoblastic Leukemia'


rs4869953
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All − MR Egger
All − Inverse variance weighted
−4
−2
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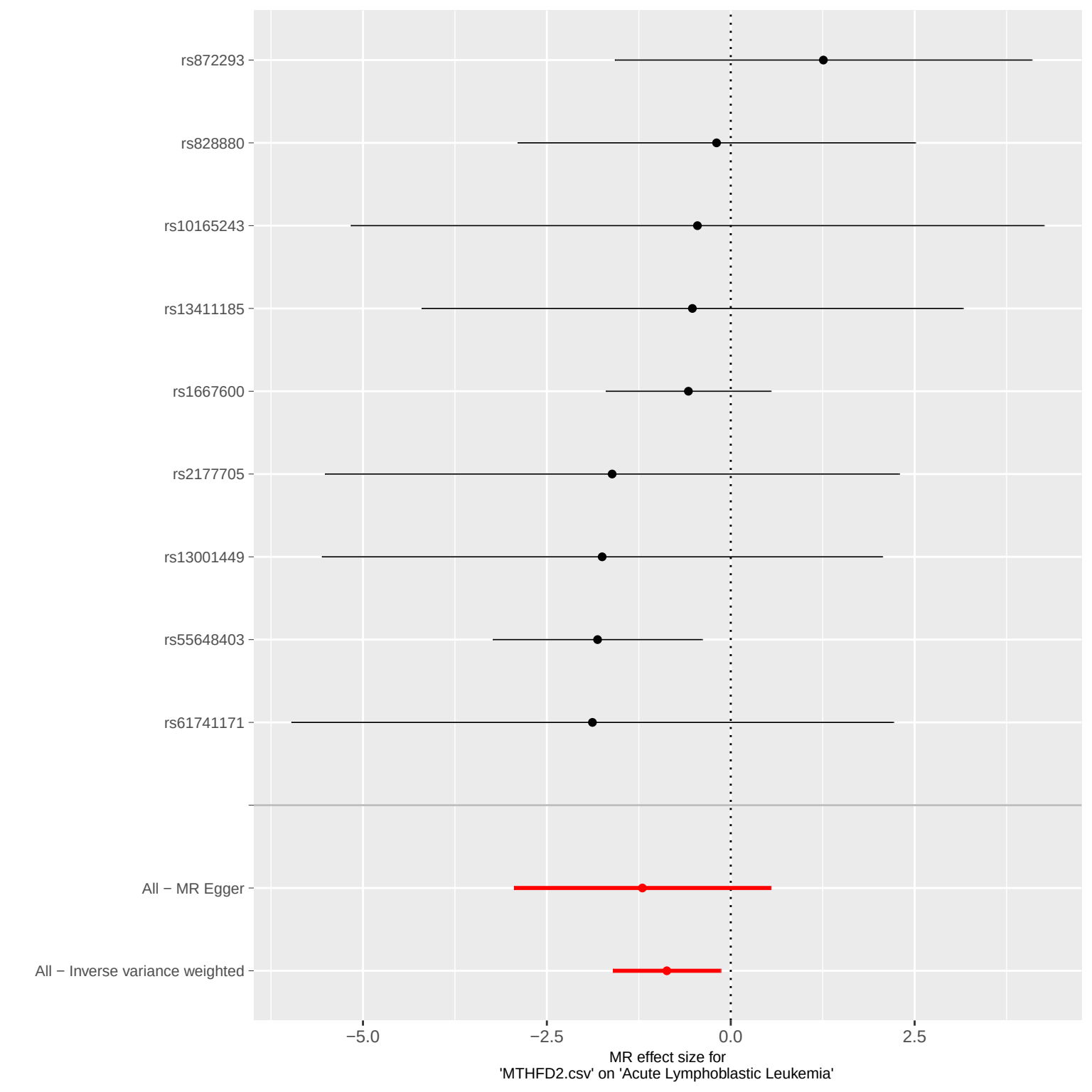
2
MR effect size for
'MTHFD1L.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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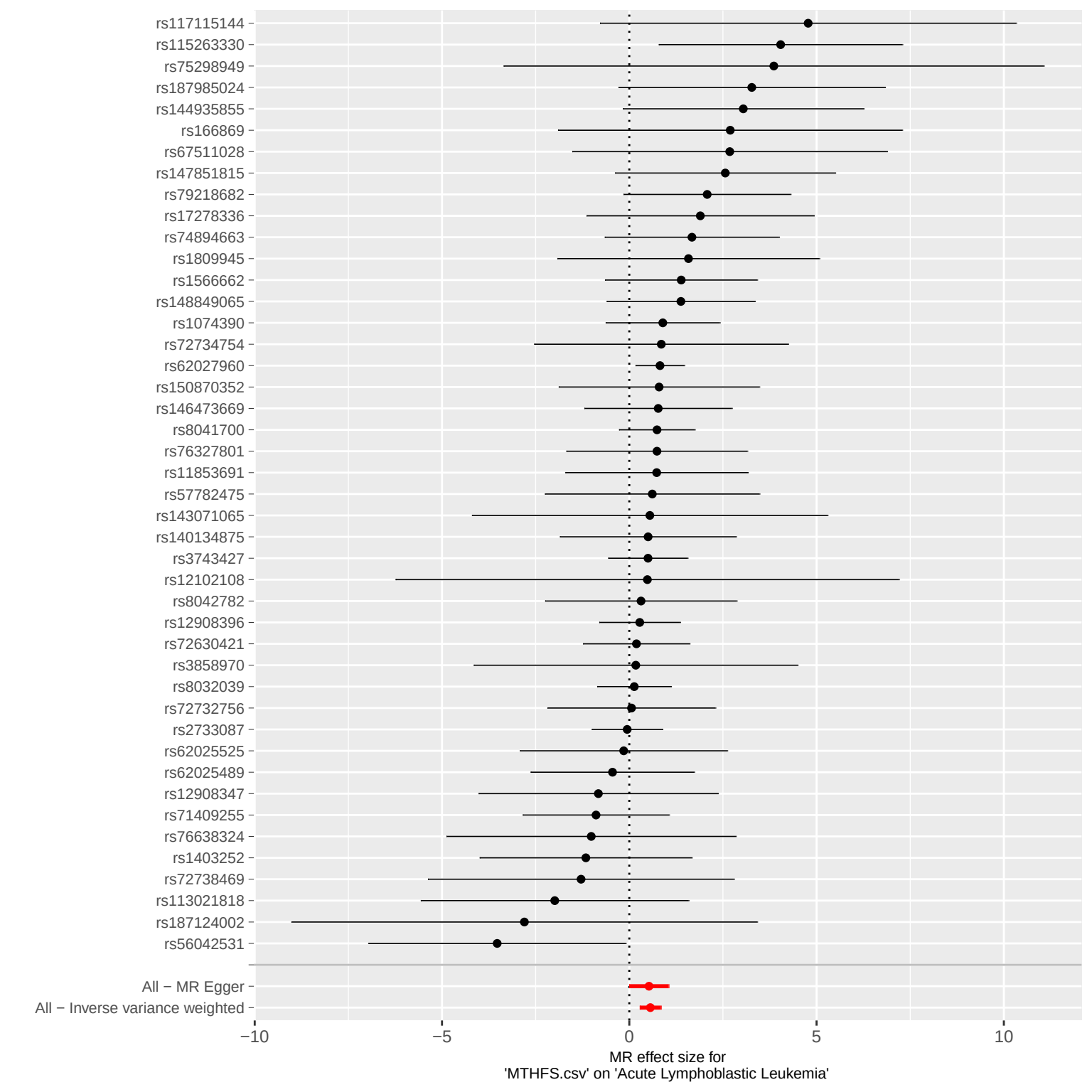
−2.5
0.0
2.5
MR effect size for
'MTHFD2.csv' on 'Acute Lymphoblastic Leukemia'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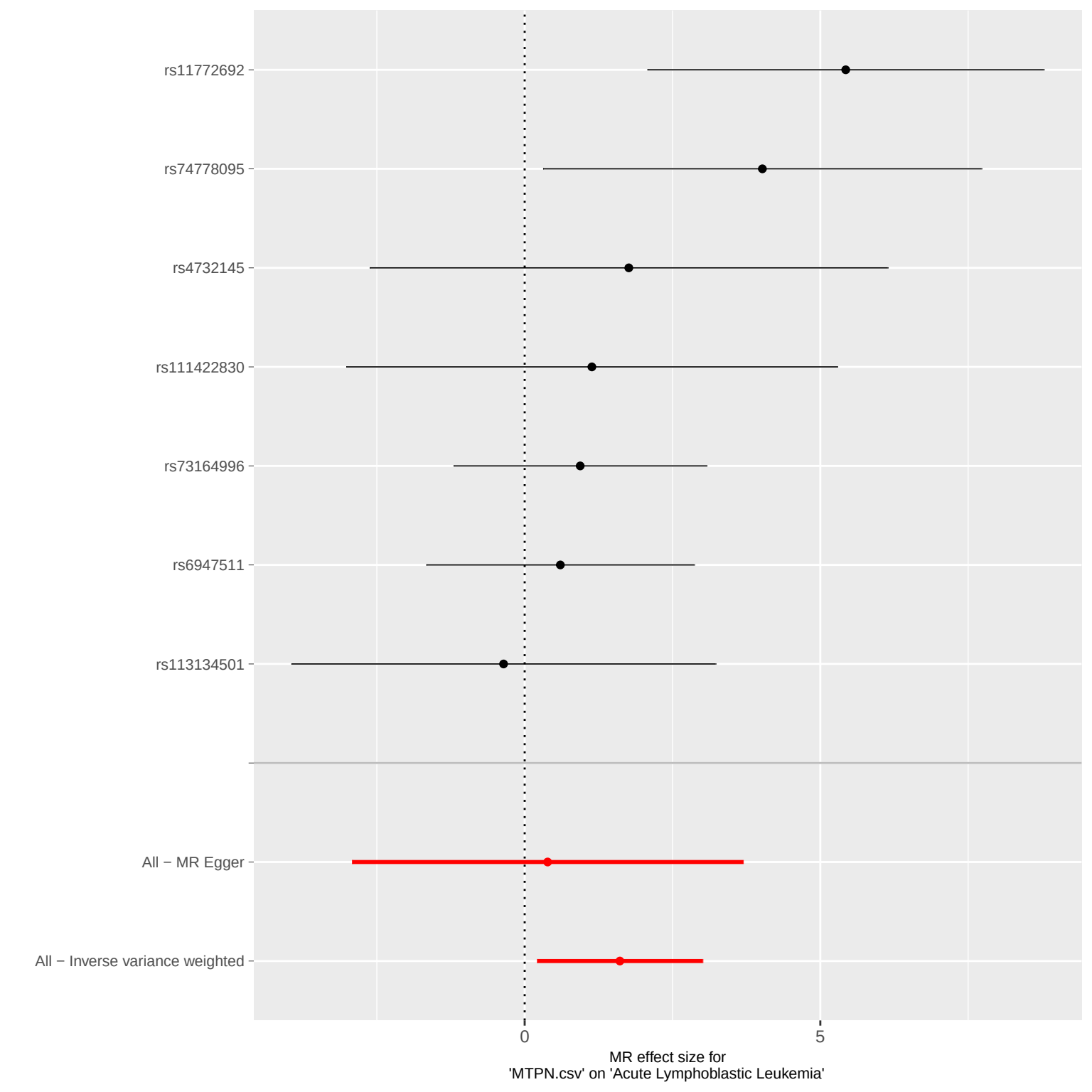
rs1403252
rs72738469
rs113021818
rs187124002
rs56042531
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'MTHFS.csv' on 'Acute Lymphoblastic Leukemia'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rs111422830
rs73164996
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All − MR Egger
All − Inverse variance weighted
0
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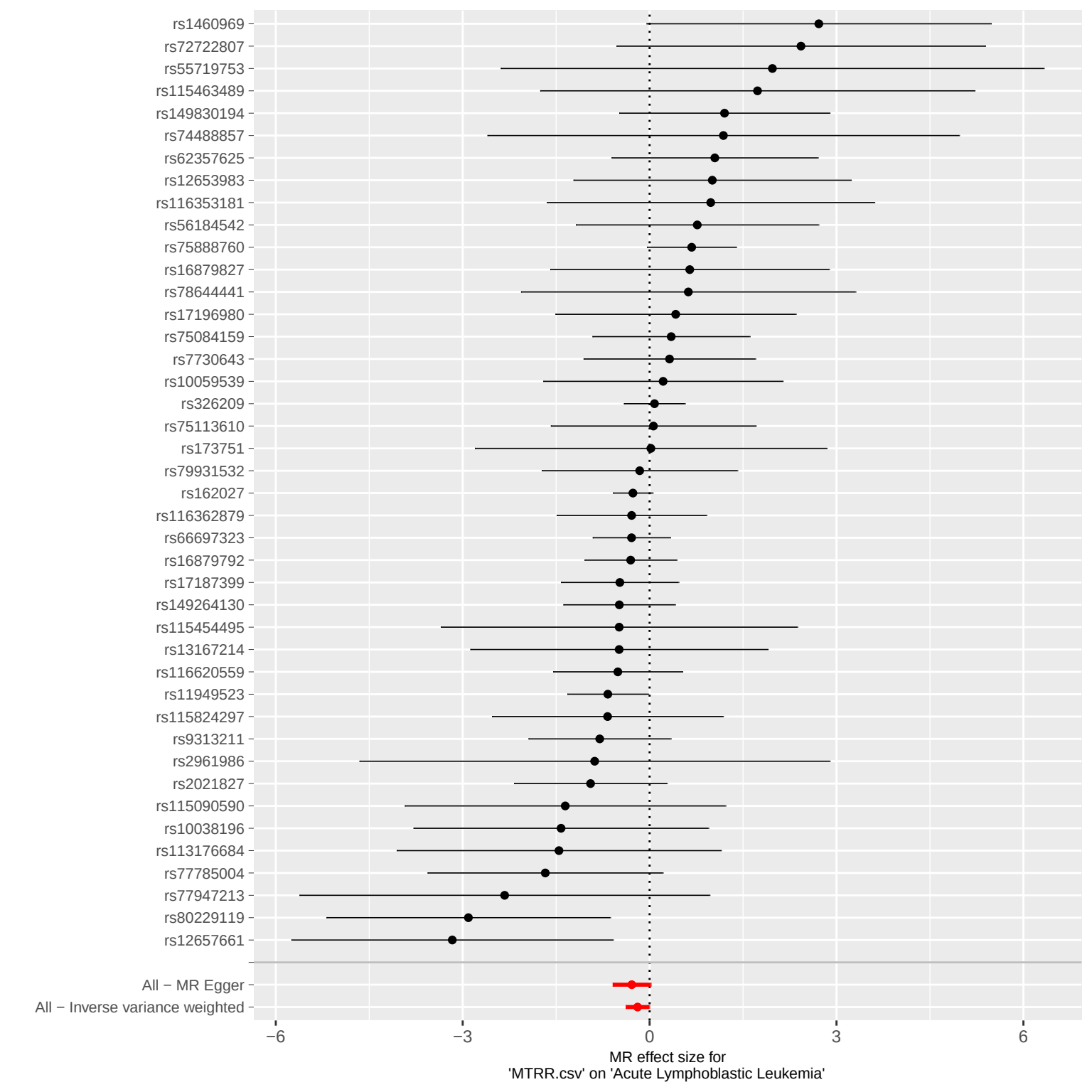
MR effect size for
'MTPN.csv' on 'Acute Lymphoblastic Leukemia'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rs326209
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rs77785004
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All − MR Egger
All − Inverse variance weighted
−6
−3
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3
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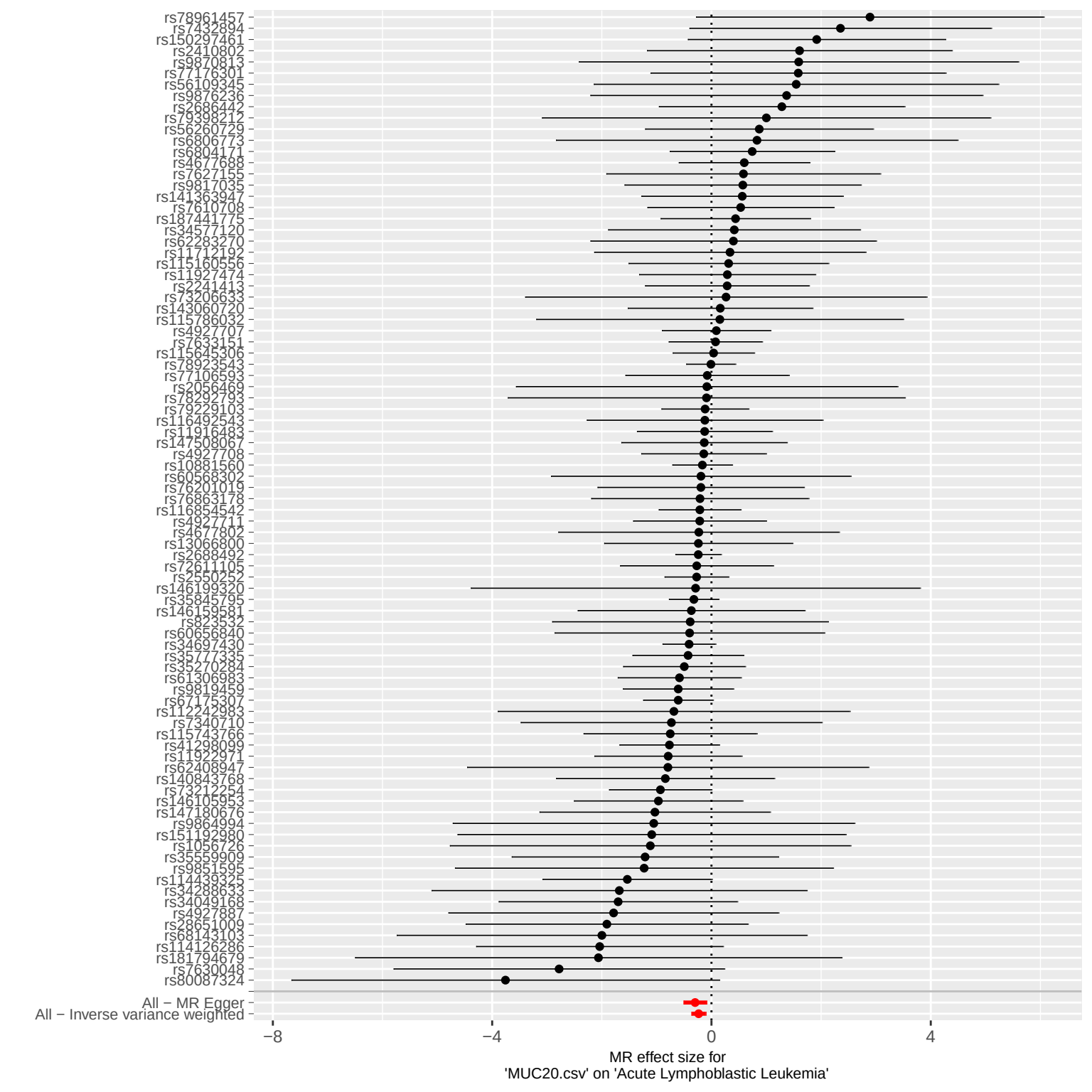
MR effect size for
'MTRR.csv' on 'Acute Lymphoblastic Leukemia'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rs28651009
rs68143103
rs114126286
rs181794679
rs7630048
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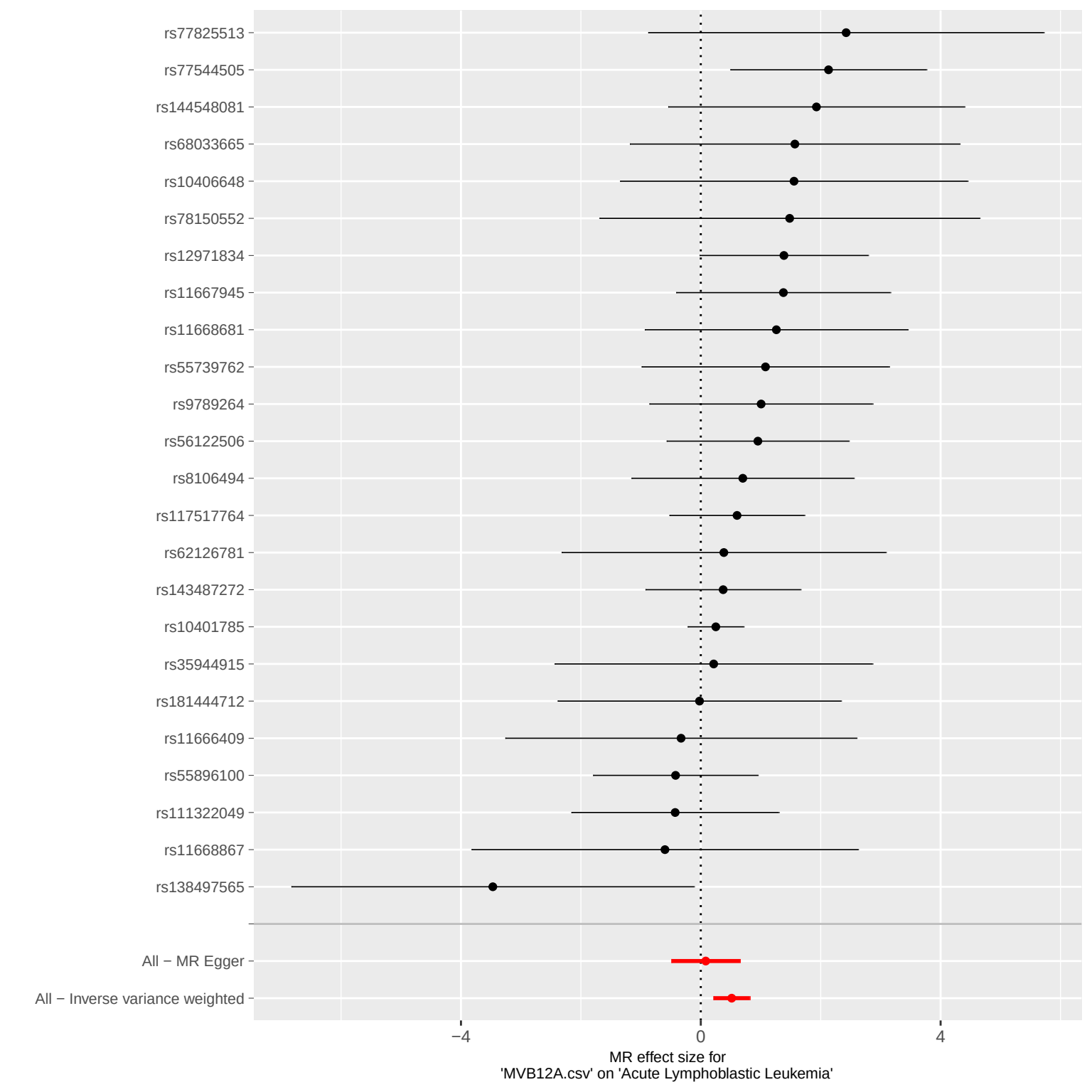
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MUC20.csv' on 'Acute Lymphoblastic Leukemia'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rs10401785
rs35944915
rs181444712
rs11666409
rs55896100
rs111322049
rs11668867
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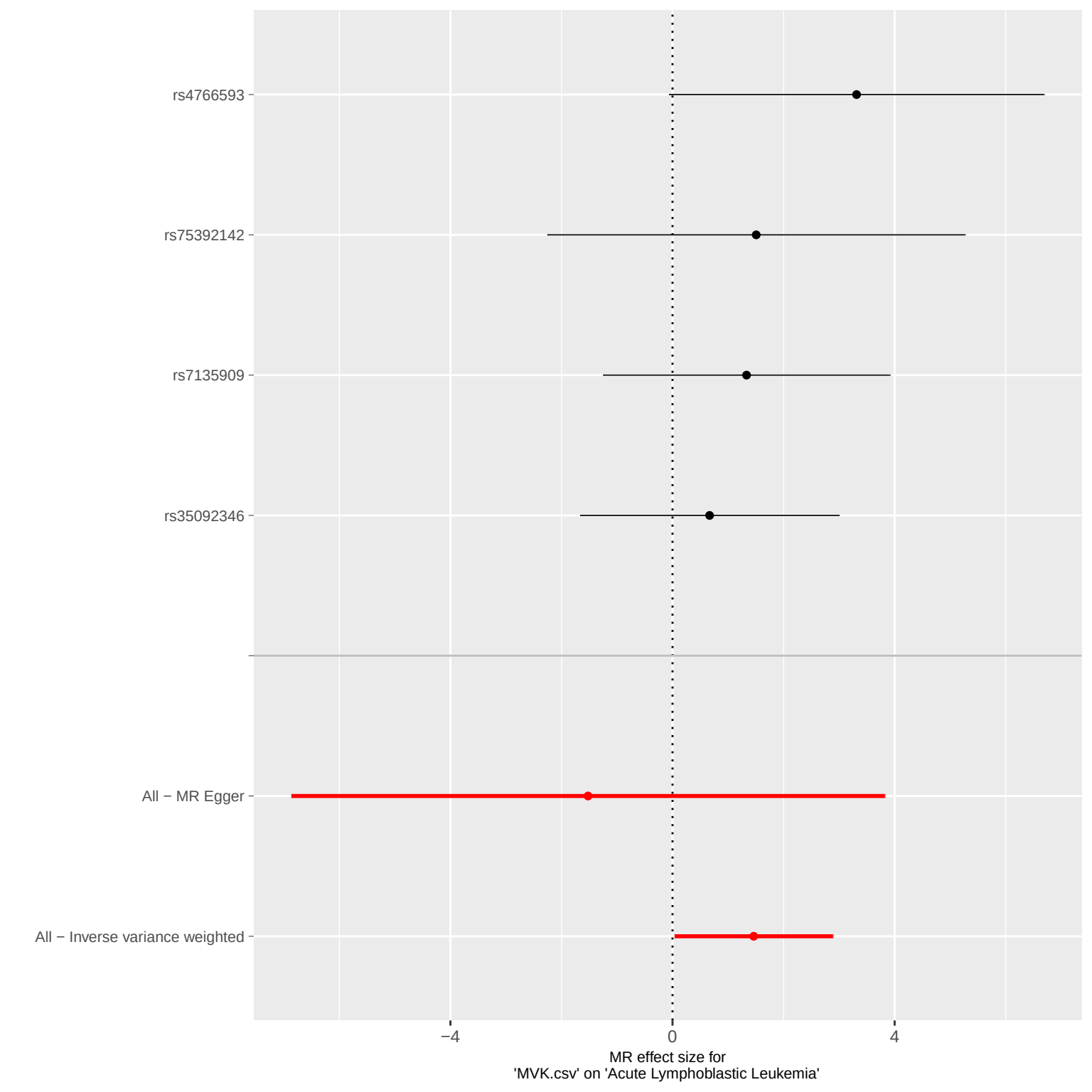
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'MVB12A.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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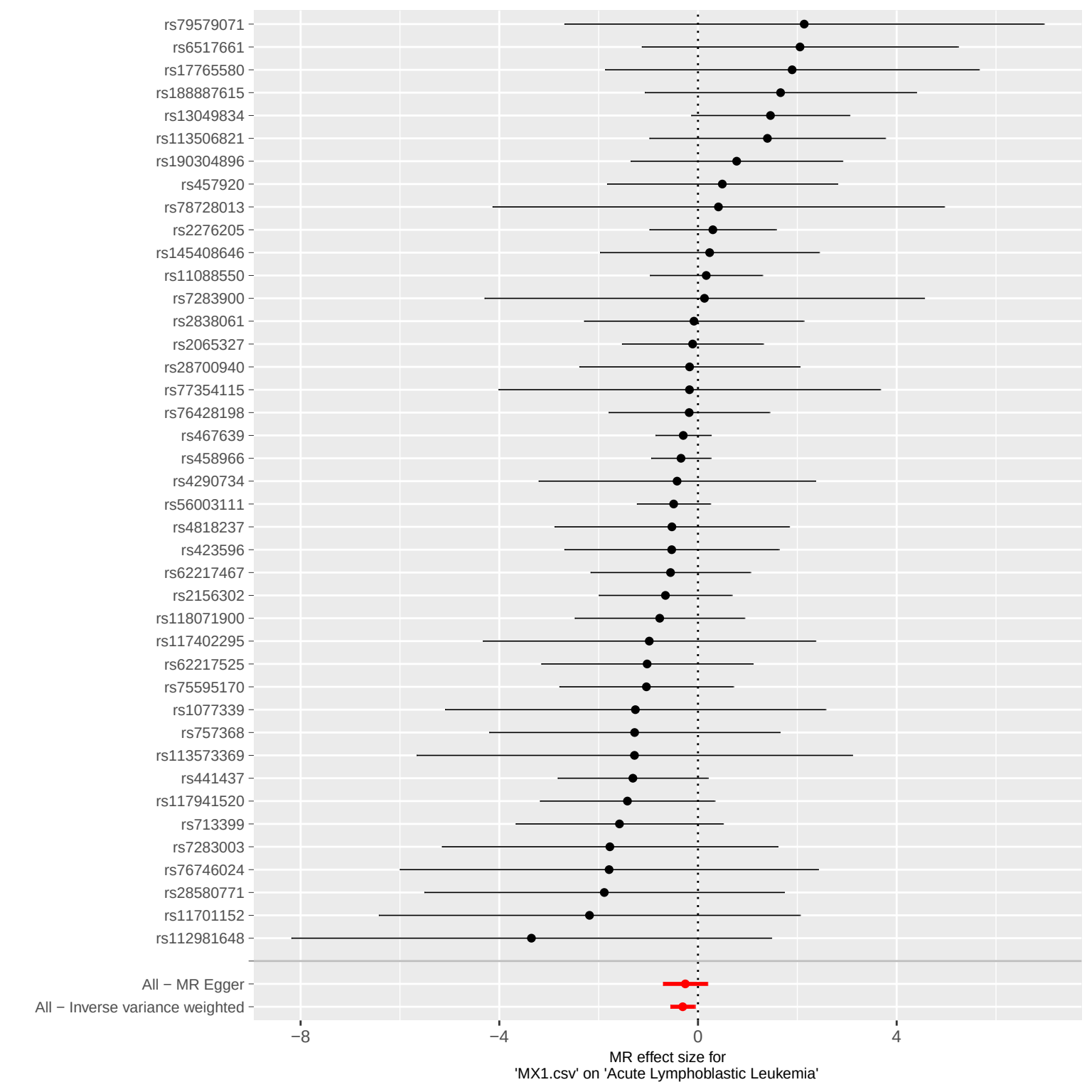
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All − MR Egger
All − Inverse variance weighted
−8
−4
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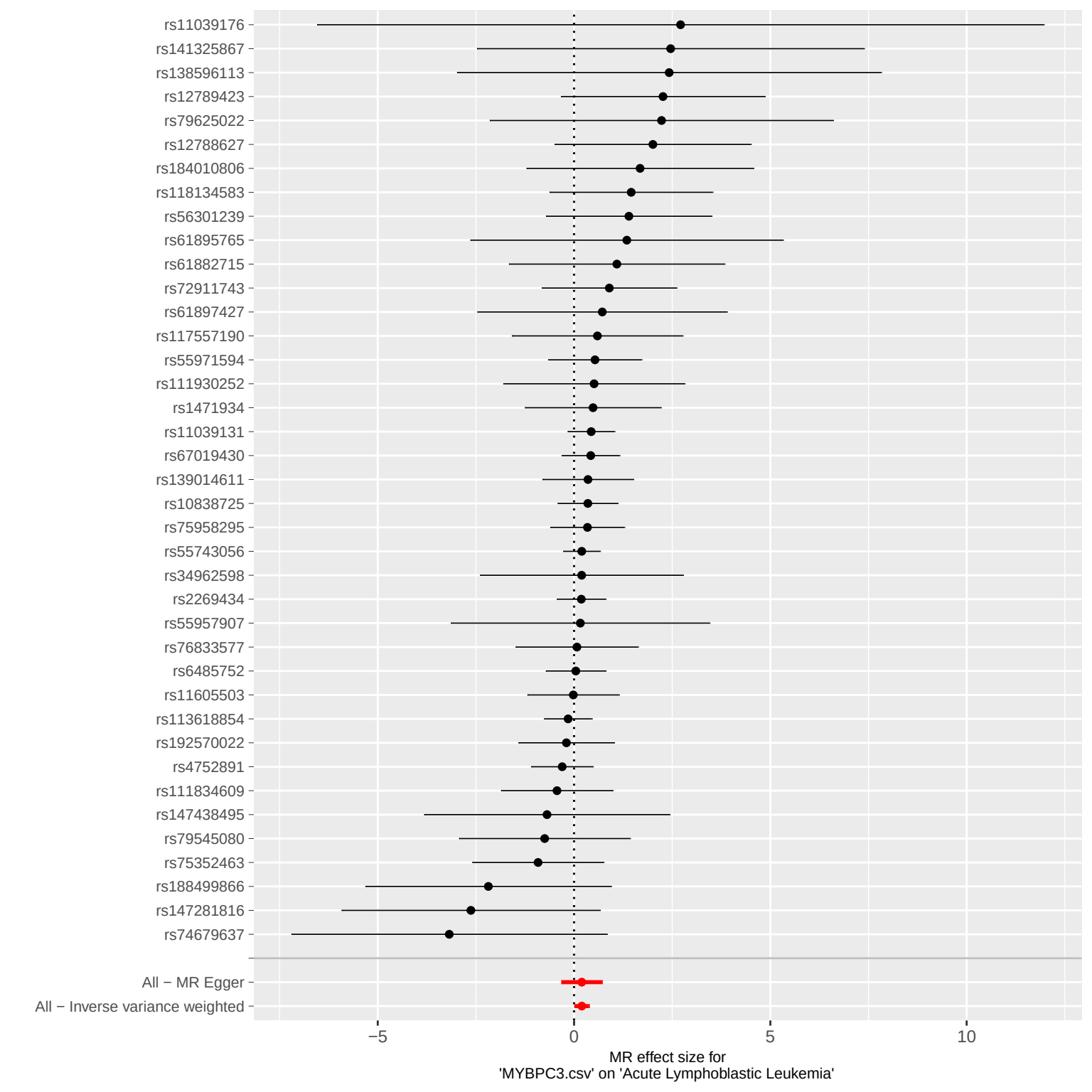
4
MR effect size for
'MX1.csv' on 'Acute Lymphoblastic Leukemia'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rs147438495
rs79545080
rs75352463
rs188499866
rs147281816
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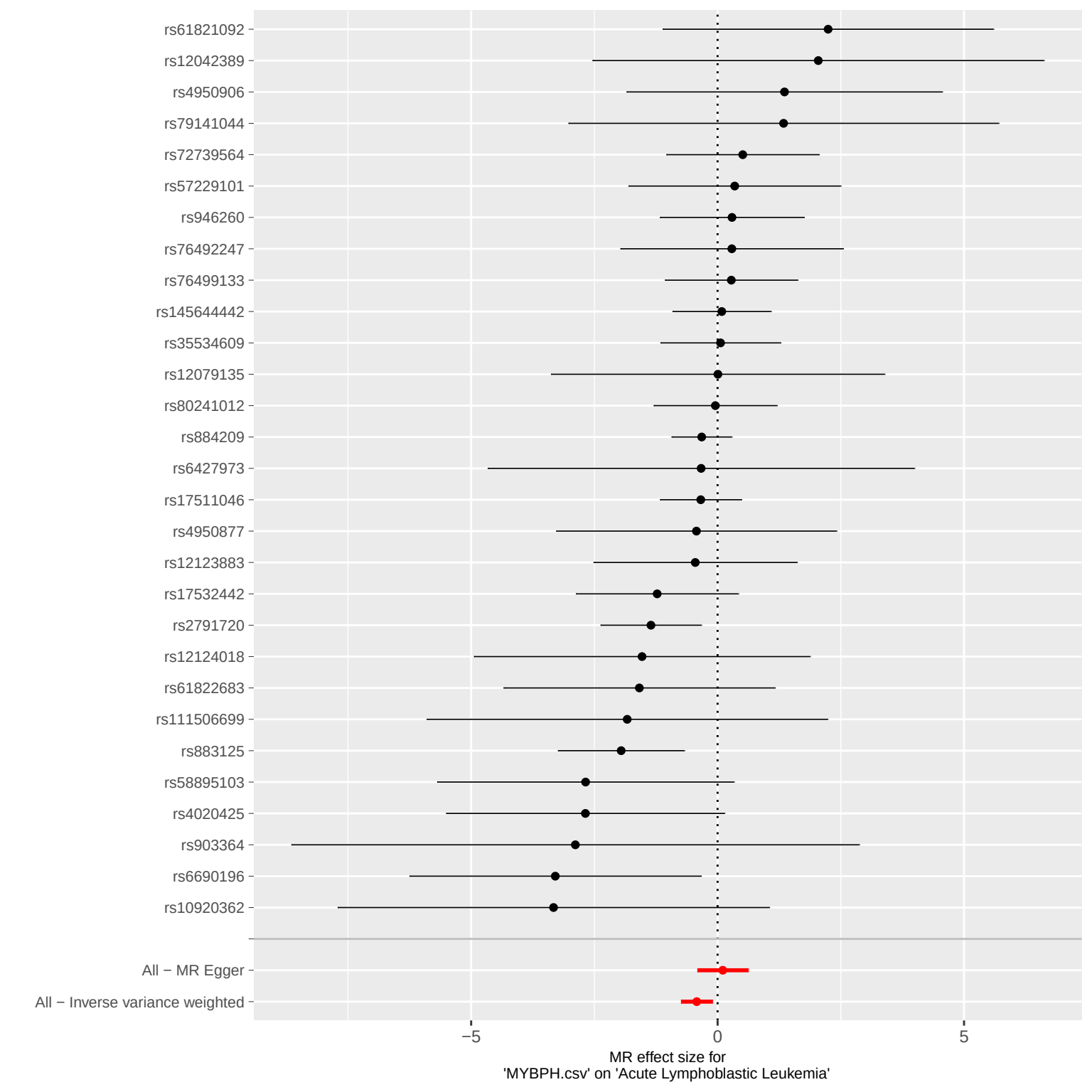
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'MYBPC3.csv' on 'Acute Lymphoblastic Leukemia'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rs58895103
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All − MR Egger
All − Inverse variance weighted
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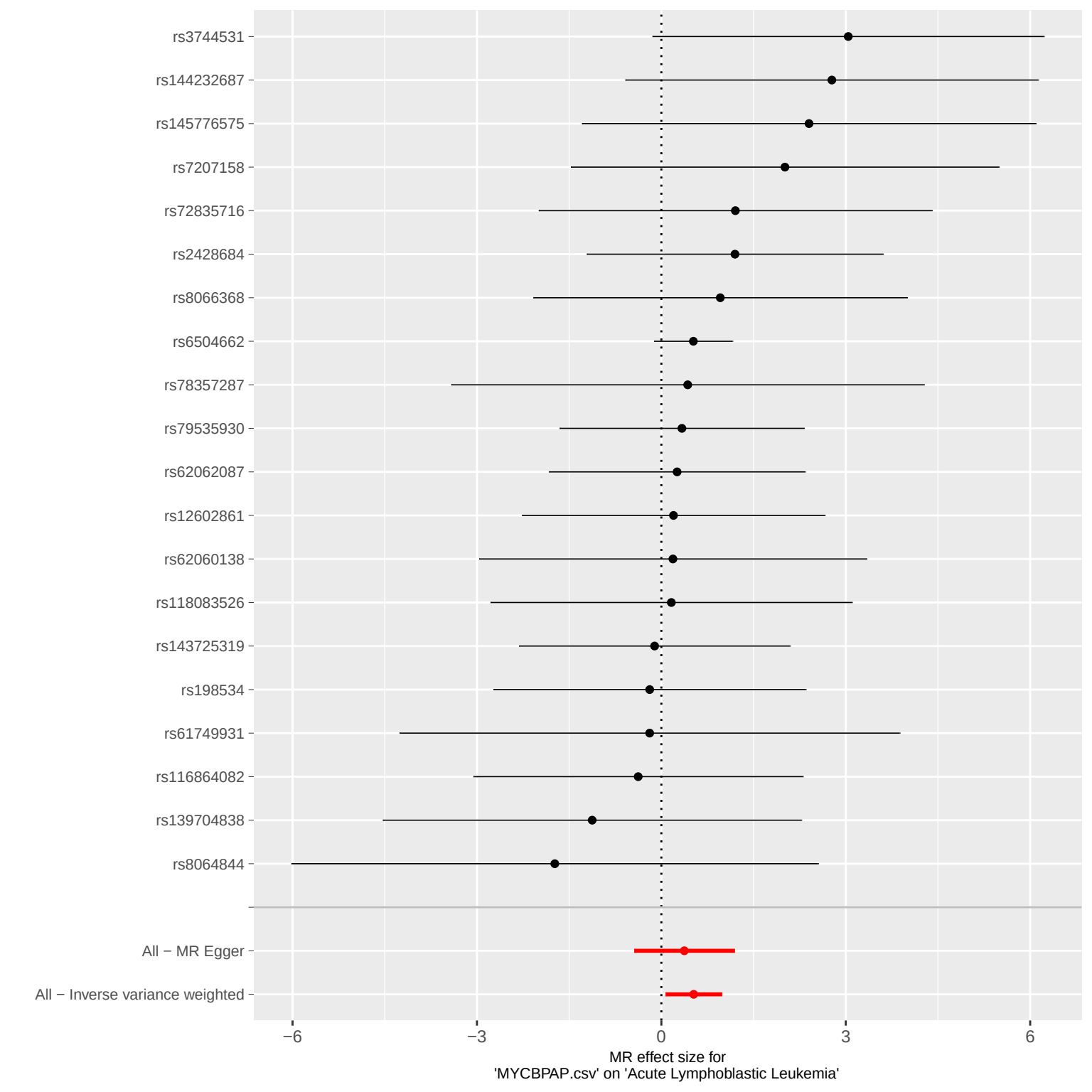
5
MR effect size for
'MYBPH.csv' on 'Acute Lymphoblastic Leukemia'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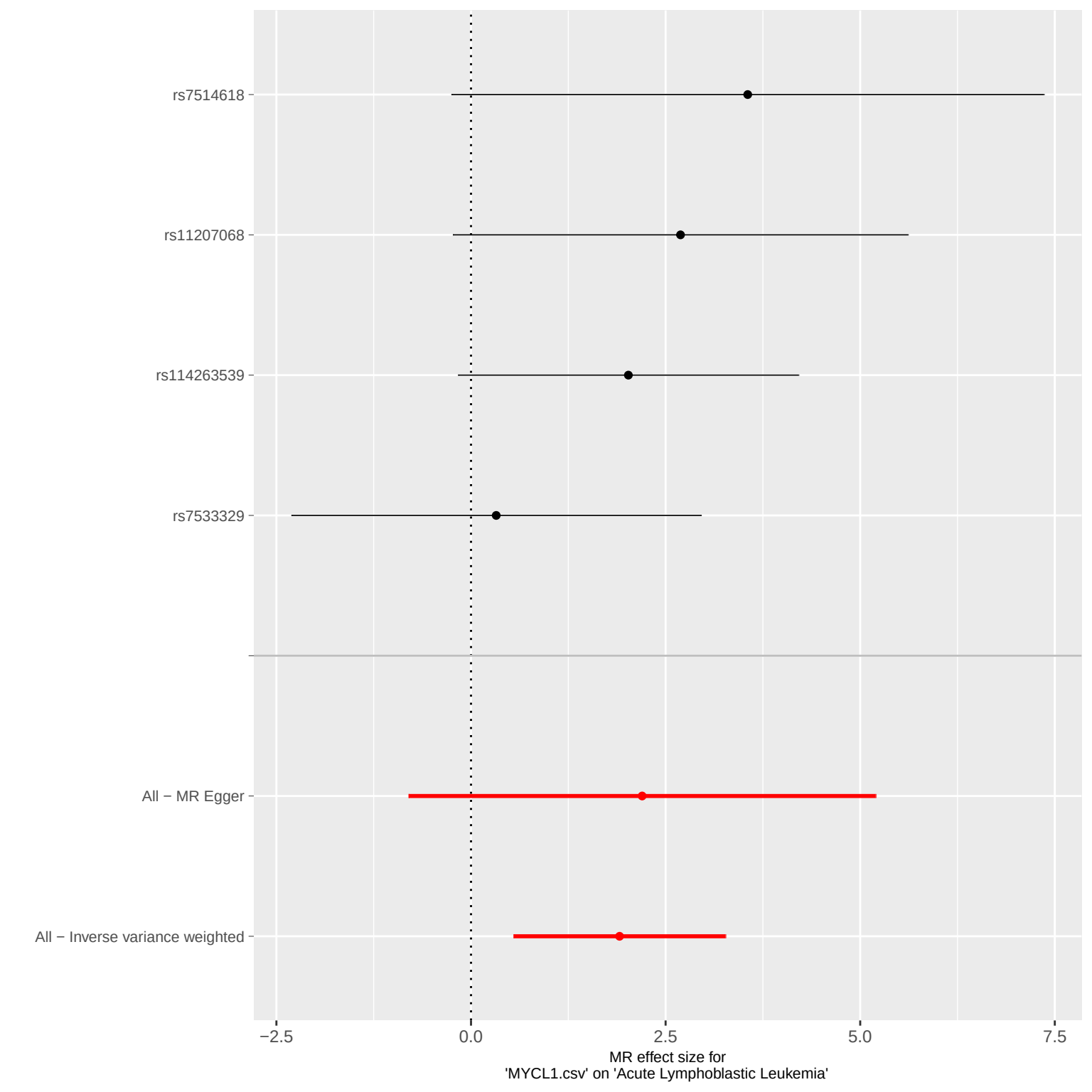
rs143725319
rs198534
rs61749931
rs116864082
rs139704838
rs8064844
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'MYCBPAP.csv' on 'Acute Lymphoblastic Leukemia'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rs11207068
rs114263539
rs7533329
All − MR Egger
All − Inverse variance weighted
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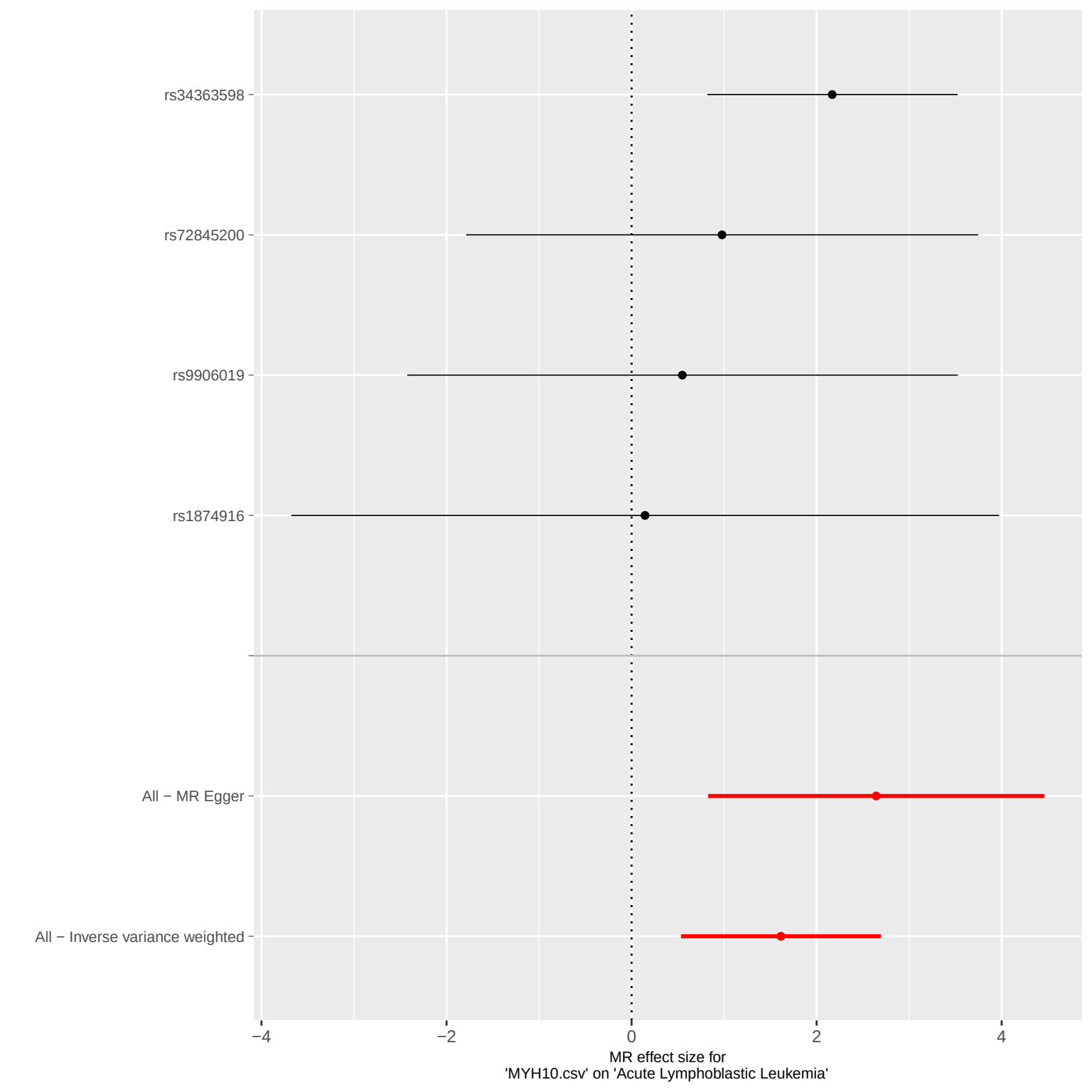
0.0
2.5
5.0
7.5
MR effect size for
'MYCL1.csv' on 'Acute Lymphoblastic Leukemia'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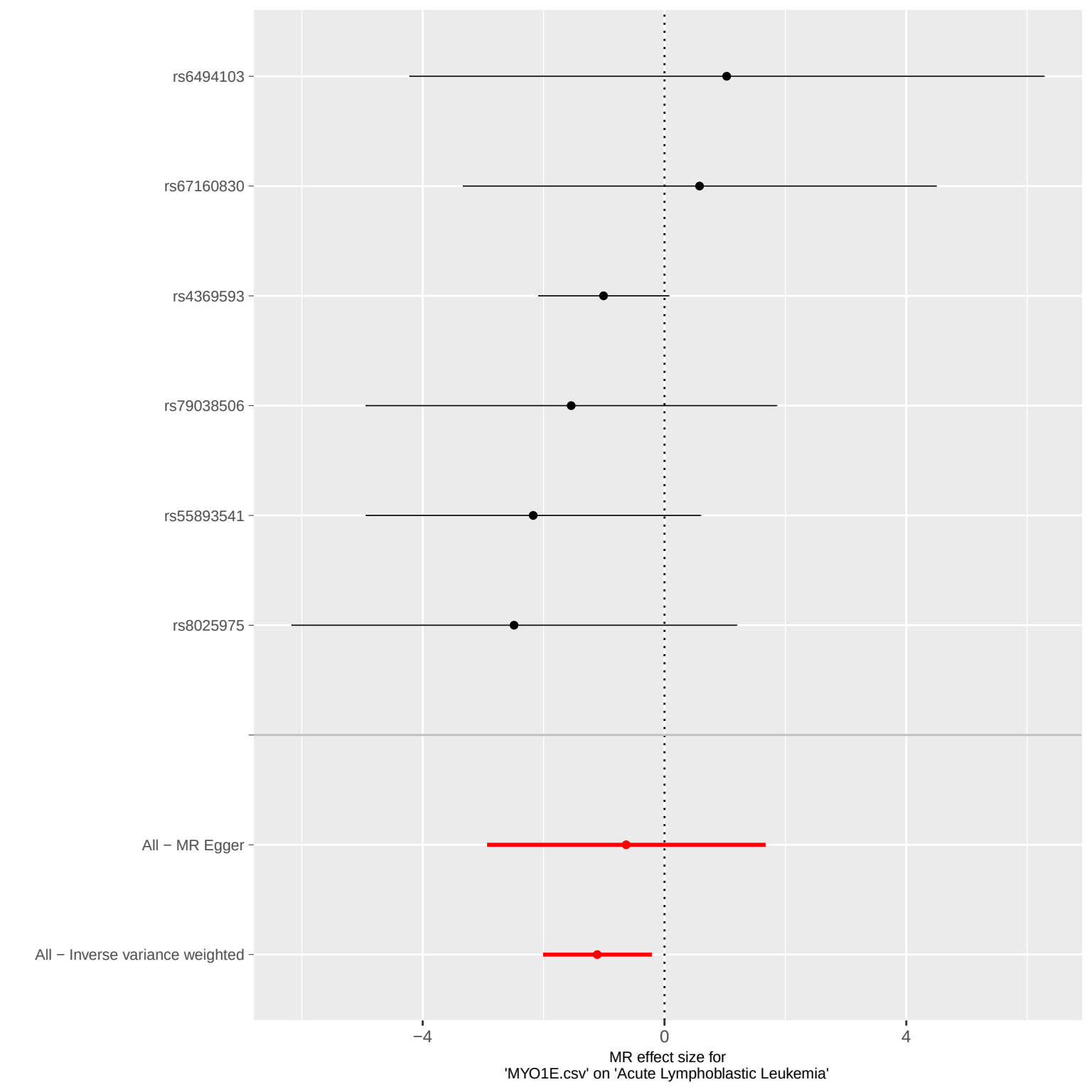
rs72845200
rs9906019
rs1874916
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'MYH10.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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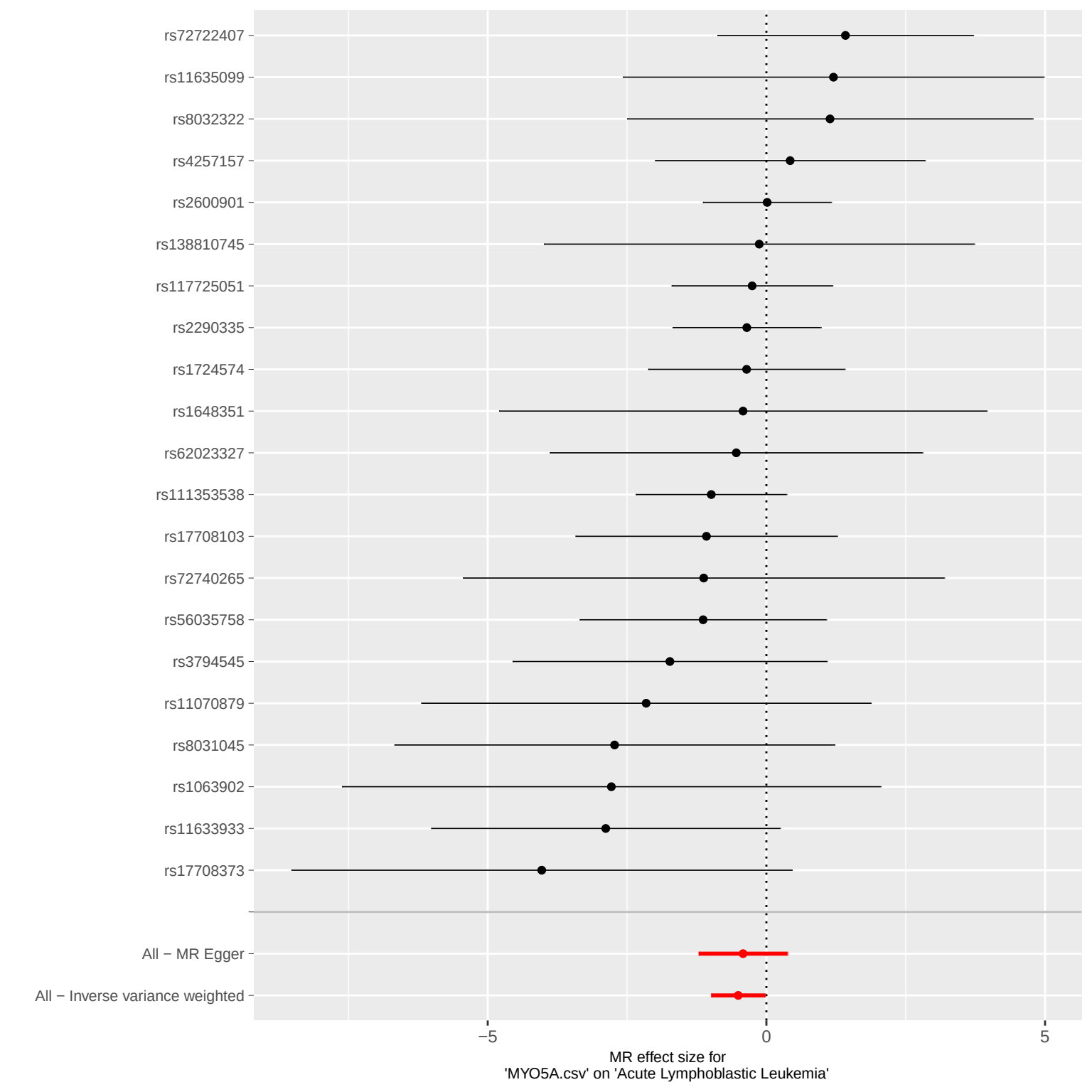
4
MR effect size for
'MYO1E.csv' on 'Acute Lymphoblastic Leukemia'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rs111353538
rs17708103
rs72740265
rs56035758
rs3794545
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rs8031045
rs1063902
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All − MR Egger
All − Inverse variance weighted
−5
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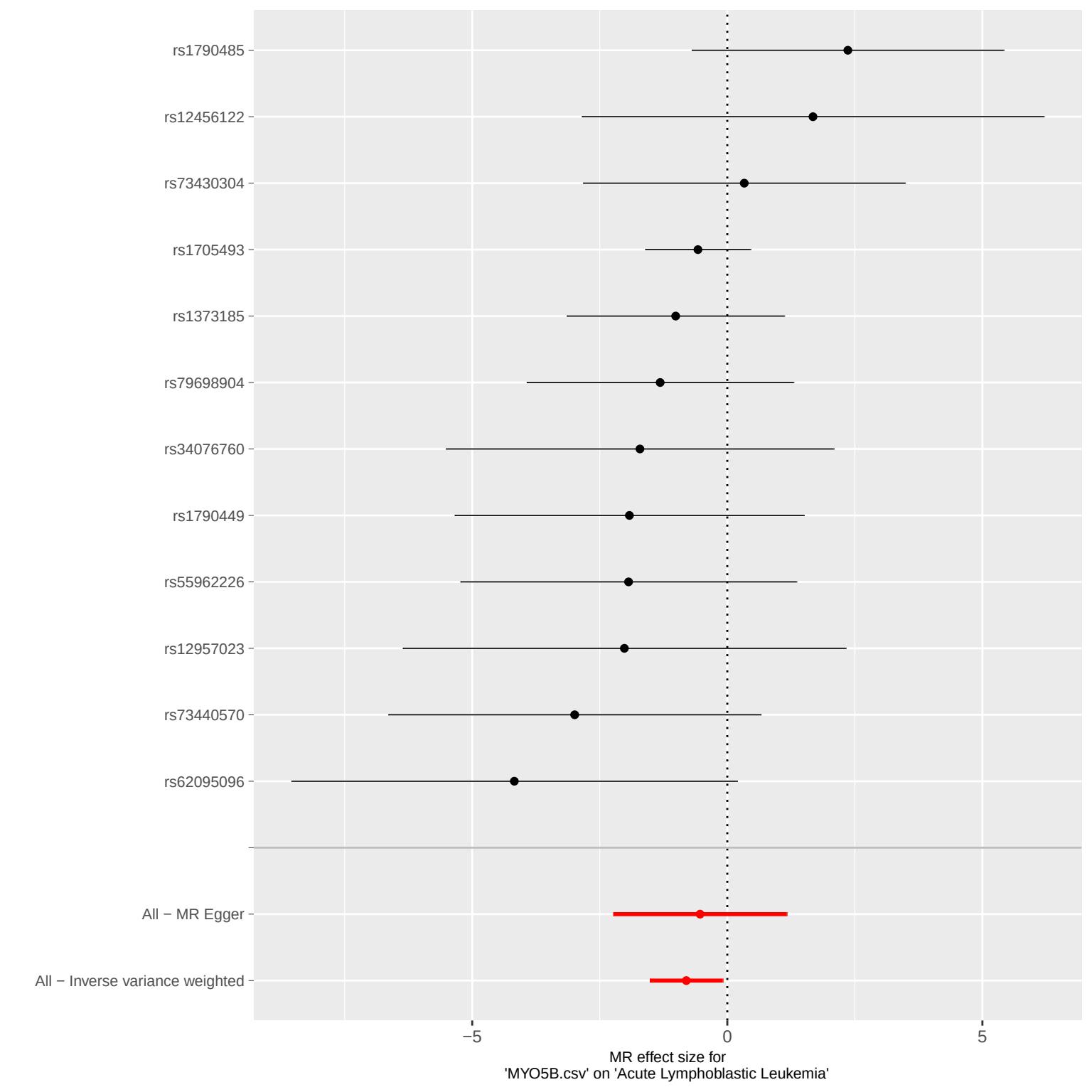
5
MR effect size for
'MYO5A.csv' on 'Acute Lymphoblastic Leukemia'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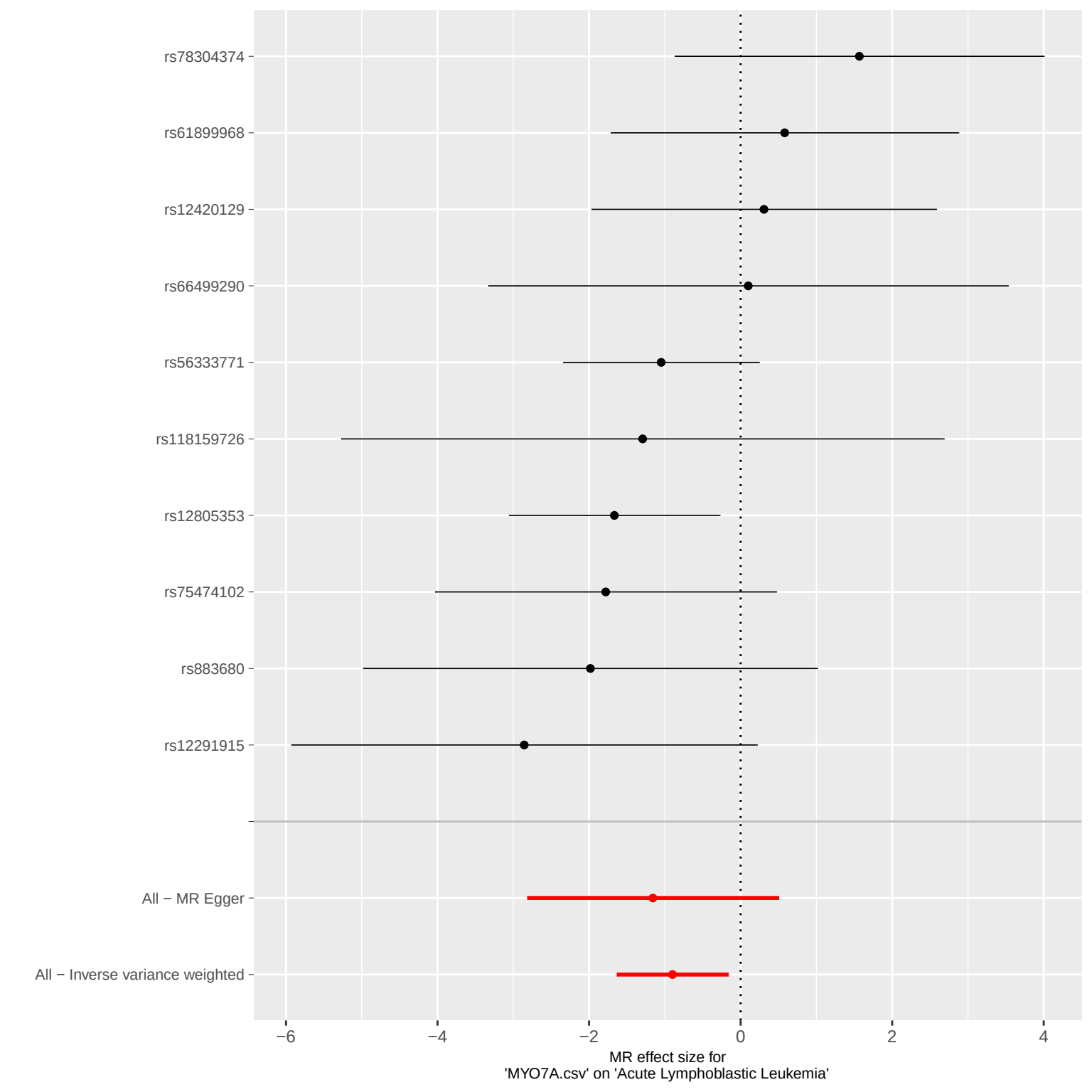
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MYO5B.csv' on 'Acute Lymphoblastic Leukemia'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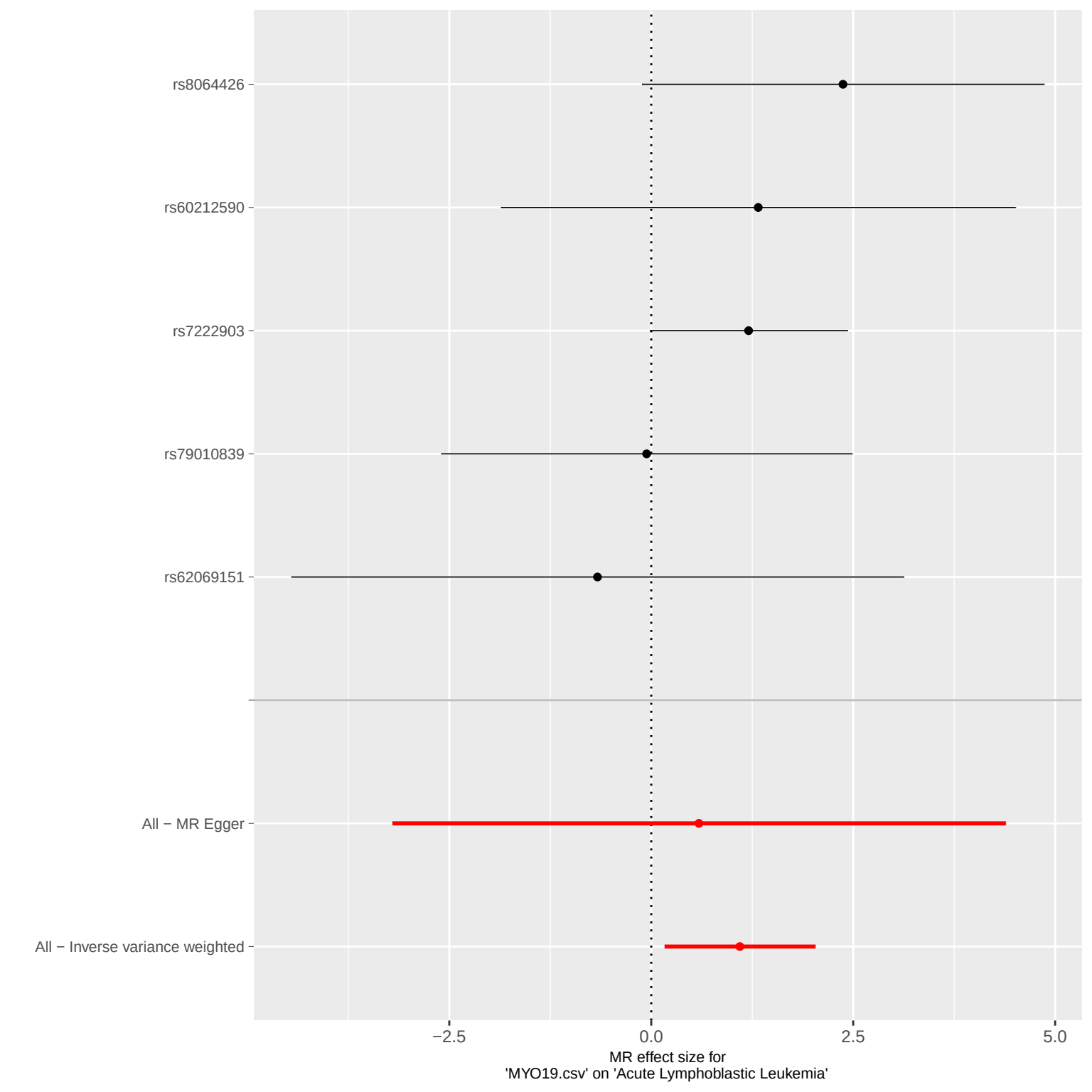
rs883680
rs12291915
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'MYO7A.csv' on 'Acute Lymphoblastic Leukemia'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rs62069151
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All − Inverse variance weighted
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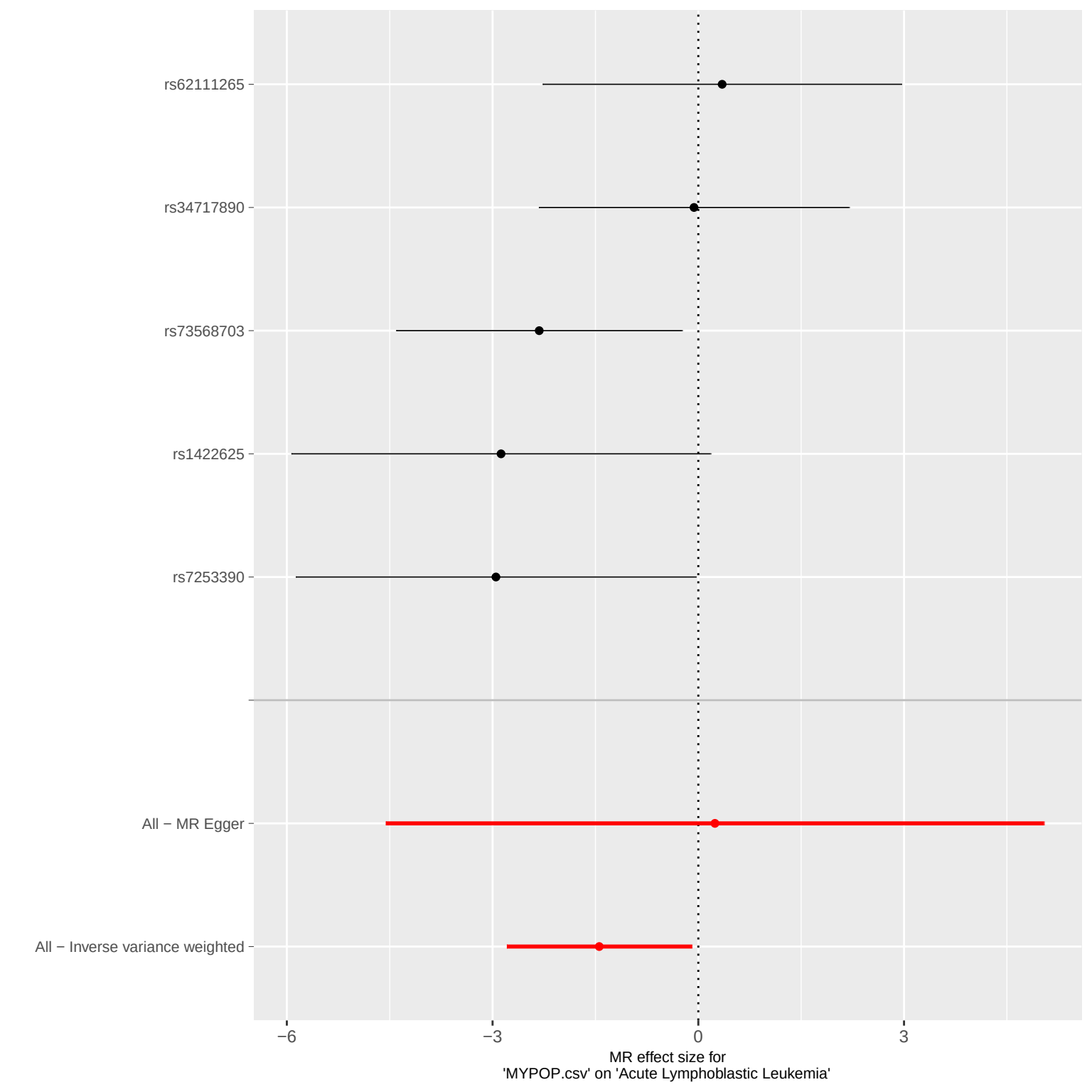
0.0
2.5
5.0
MR effect size for
'MYO19.csv' on 'Acute Lymphoblastic Leukemia'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rs1422625
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All − MR Egger
All − Inverse variance weighted
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−3
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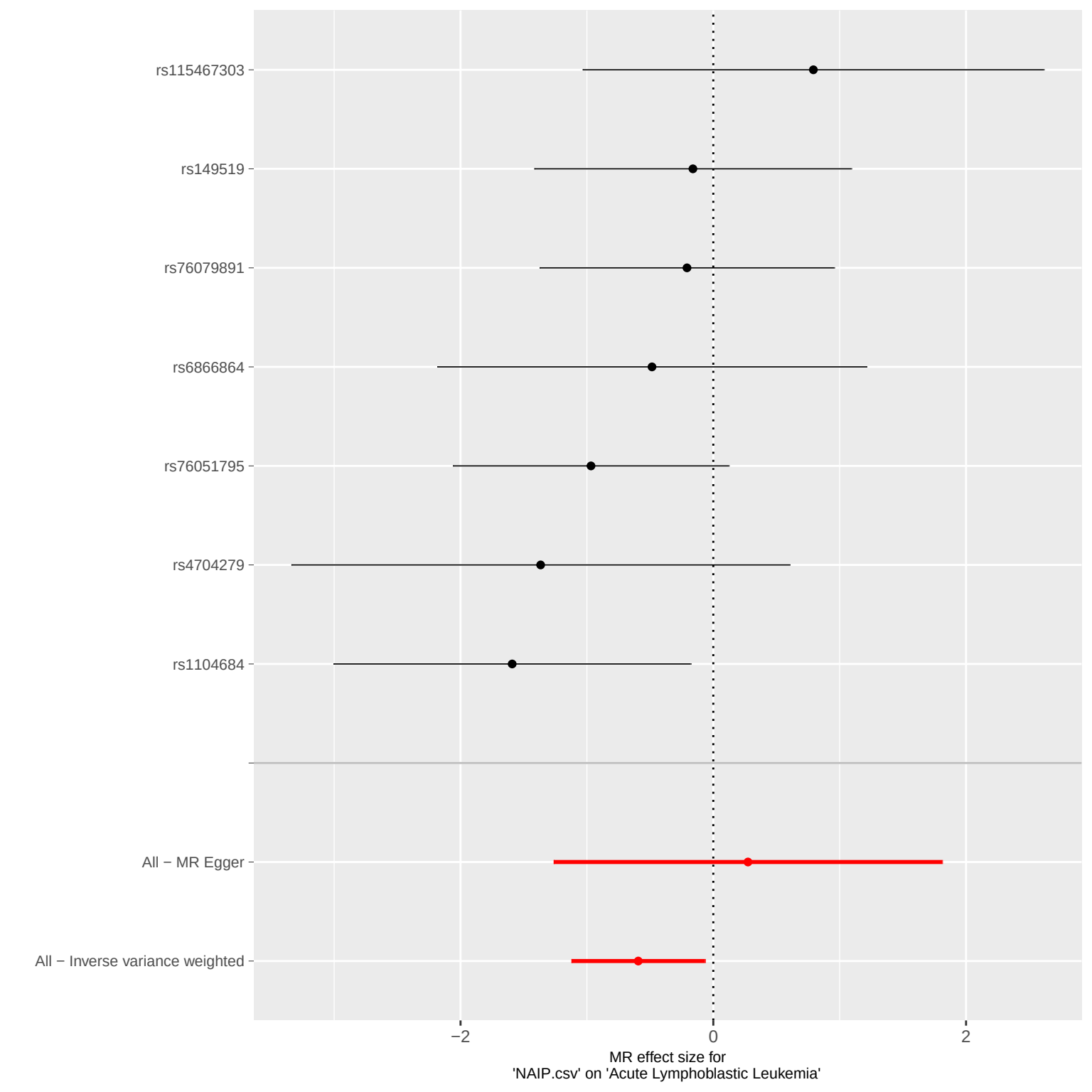
3
MR effect size for
'MYPOP.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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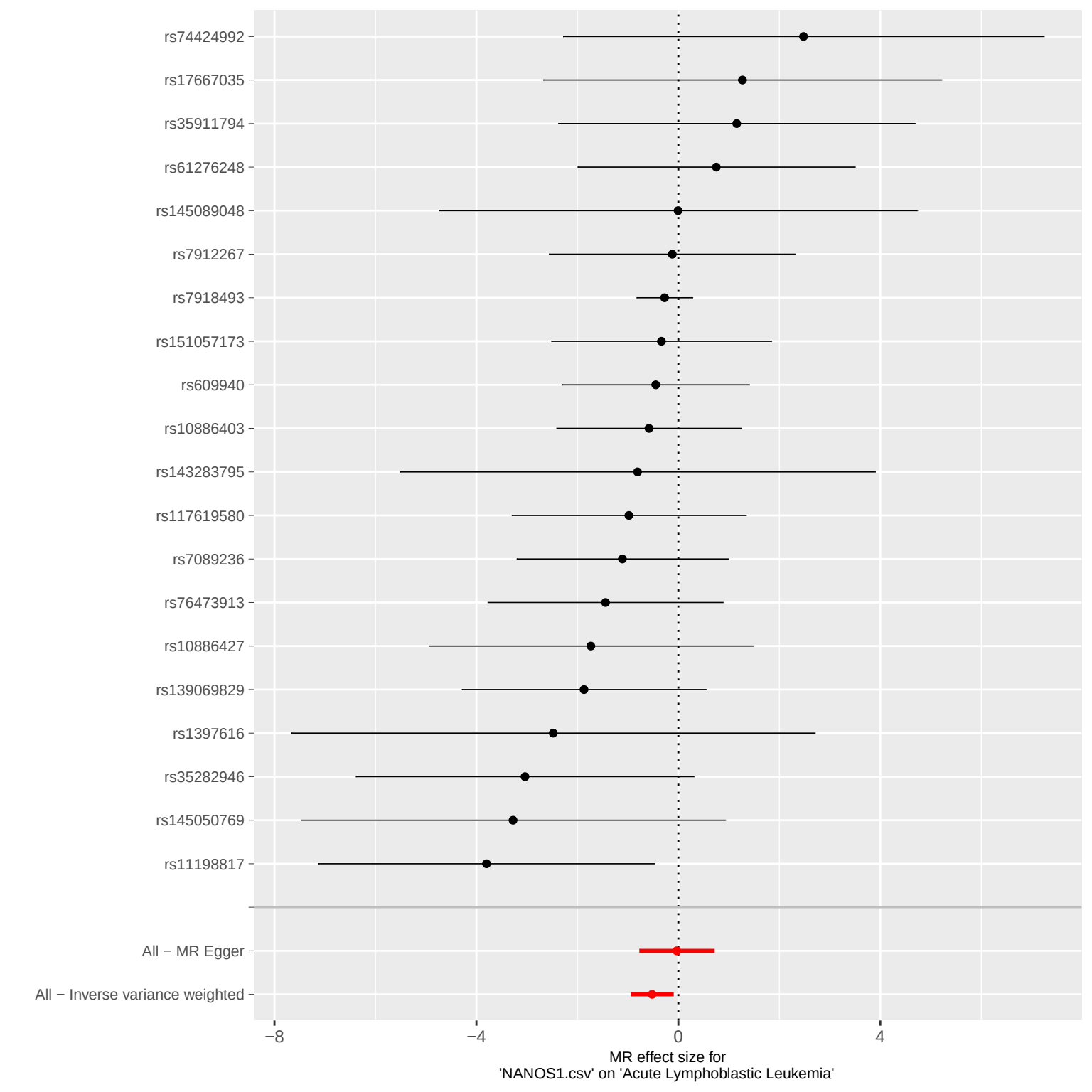
0
2
MR effect size for
'NAIP.csv' on 'Acute Lymphoblastic Leukemia'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rs139069829
rs1397616
rs35282946
rs145050769
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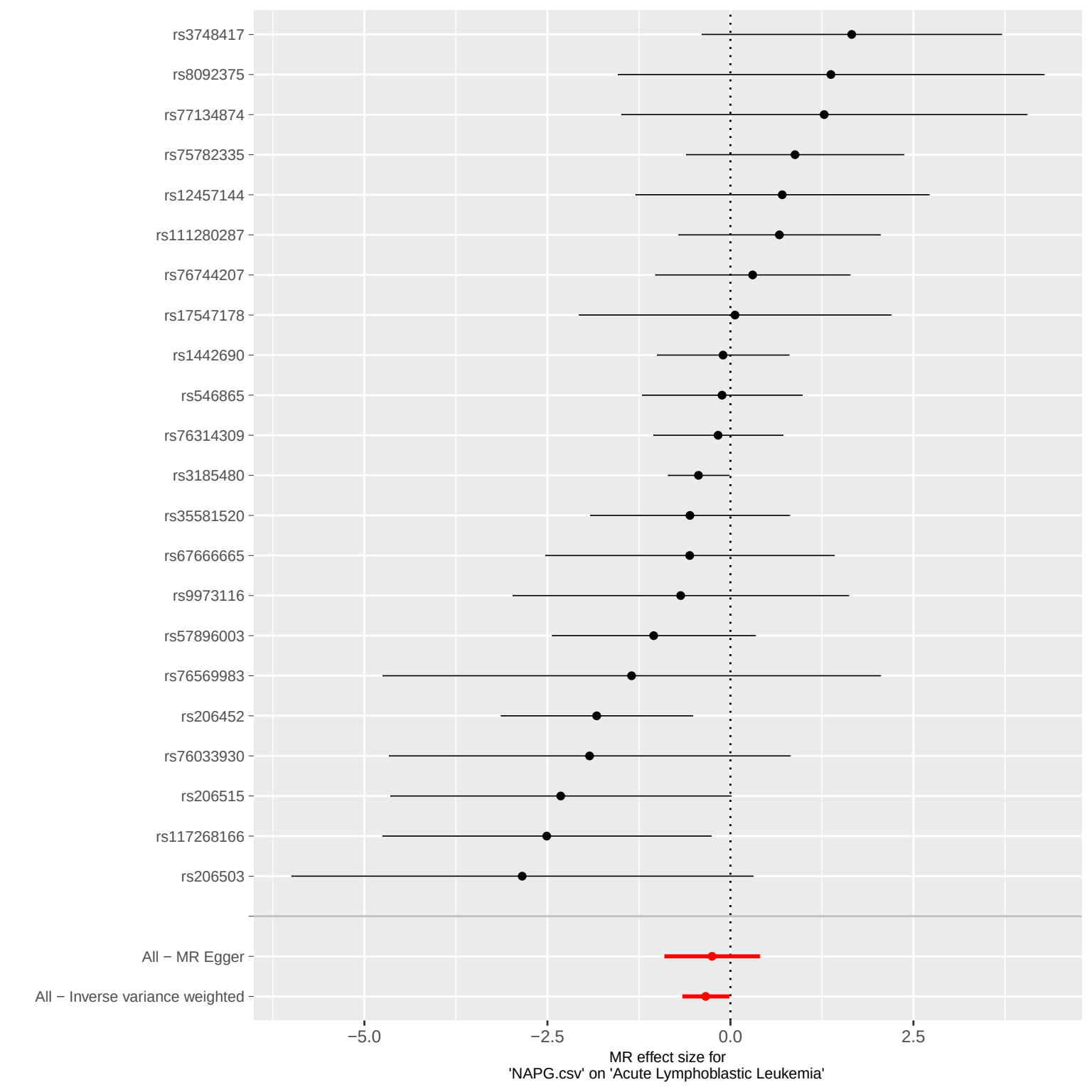
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'NANOS1.csv' on 'Acute Lymphoblastic Leukemia'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rs206452
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rs206503
All − MR Egger
All − Inverse variance weighted
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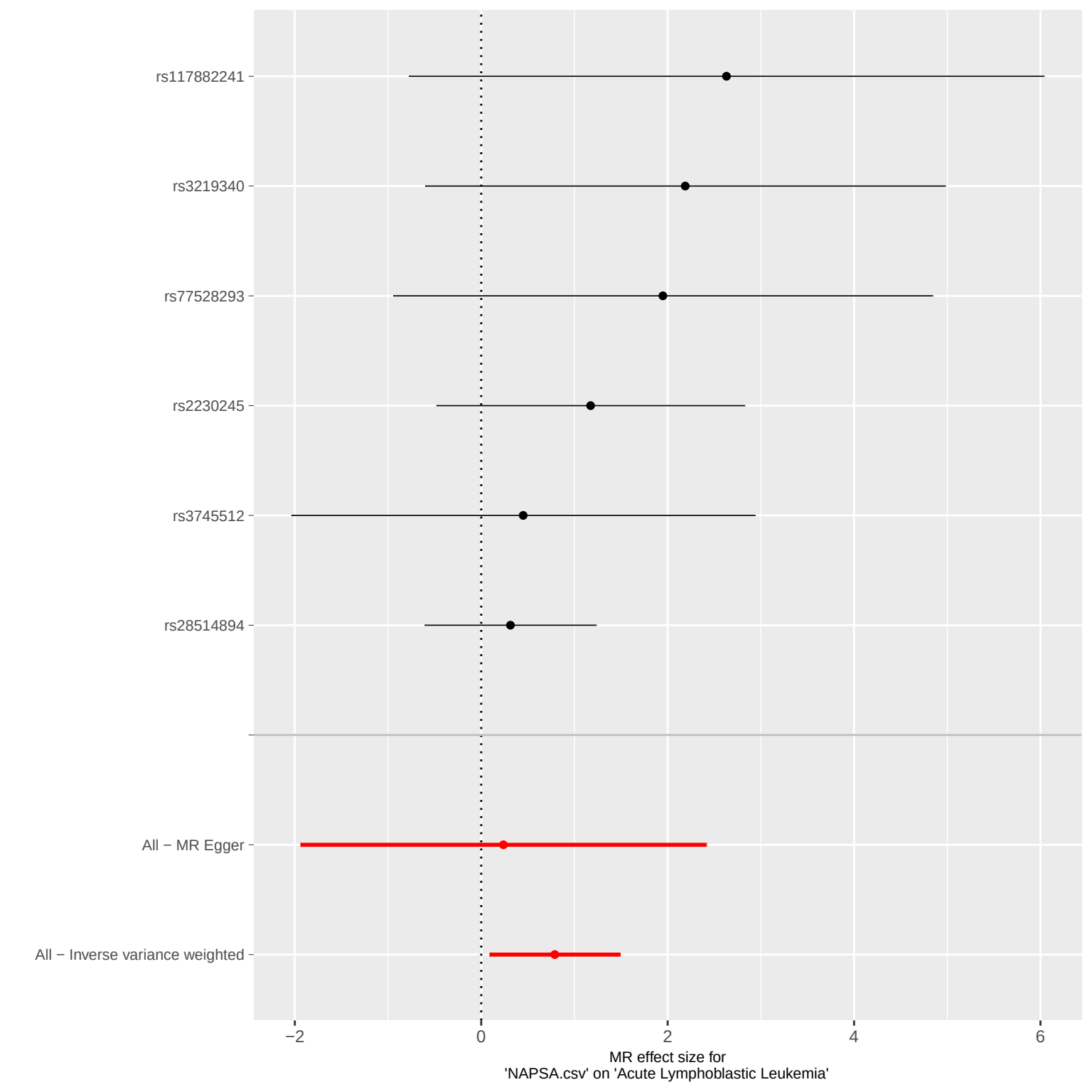
0.0
2.5
MR effect size for
'NAPG.csv' on 'Acute Lymphoblastic Leukemia'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rs3745512
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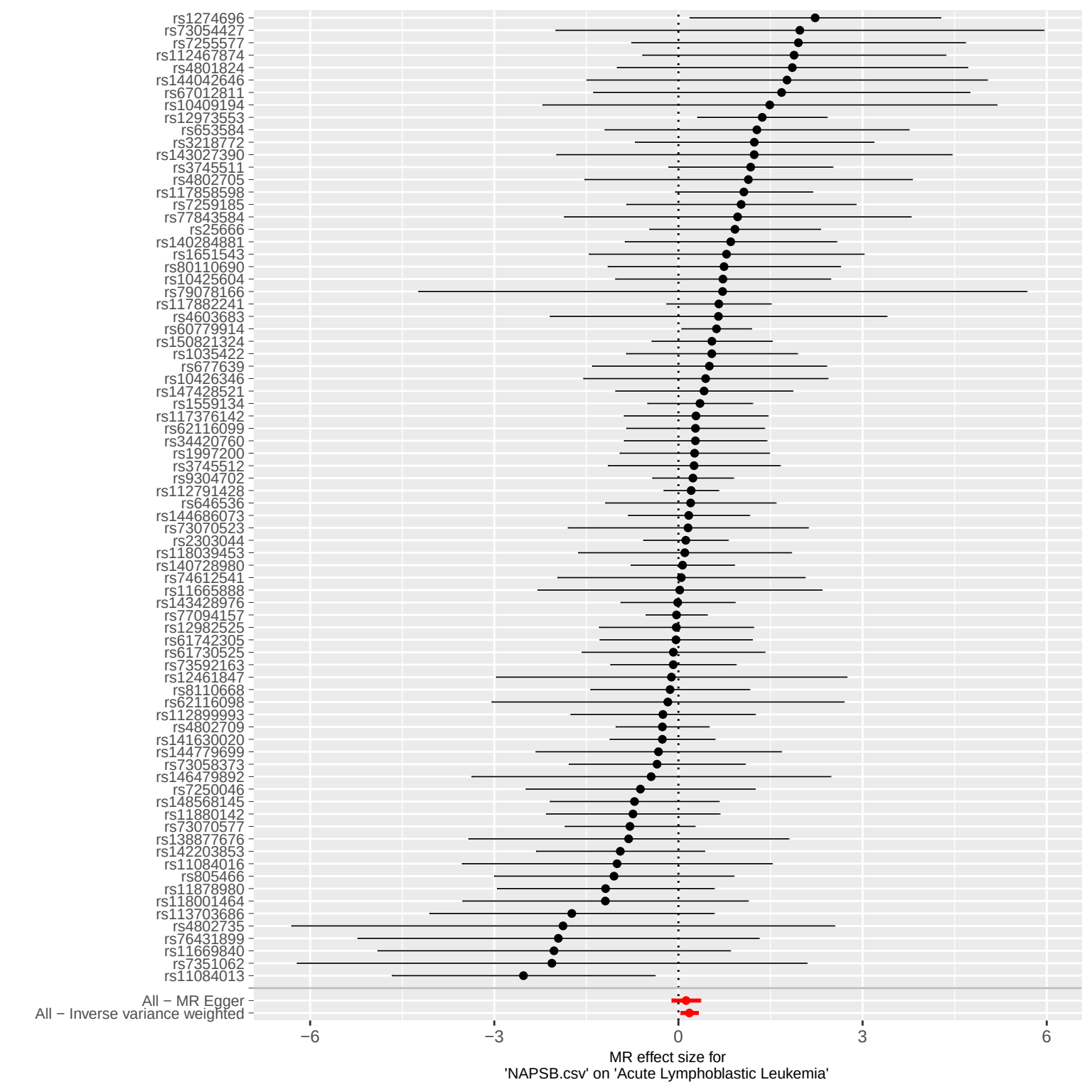
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'NAPSA.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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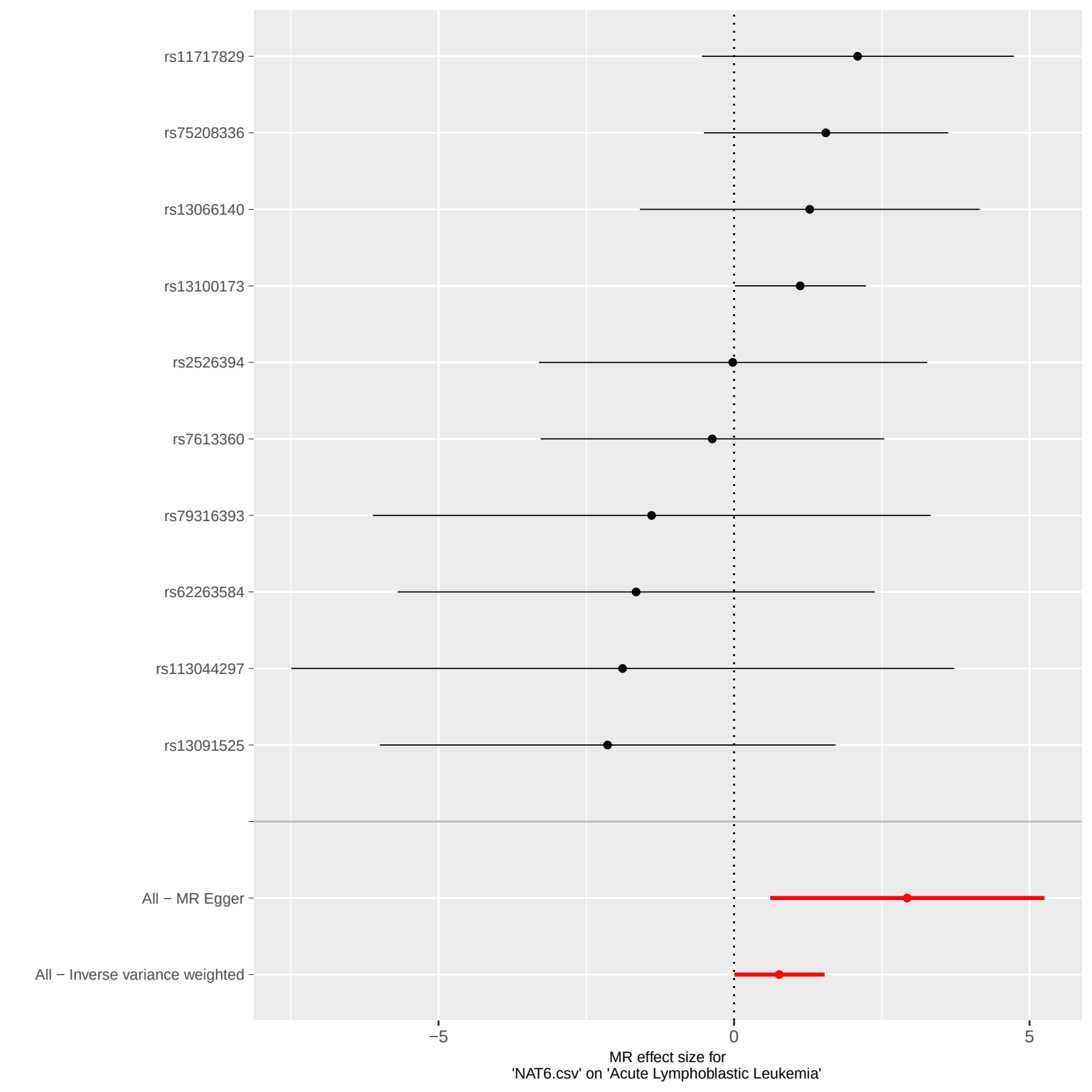
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All − MR Egger
All − Inverse variance weighted
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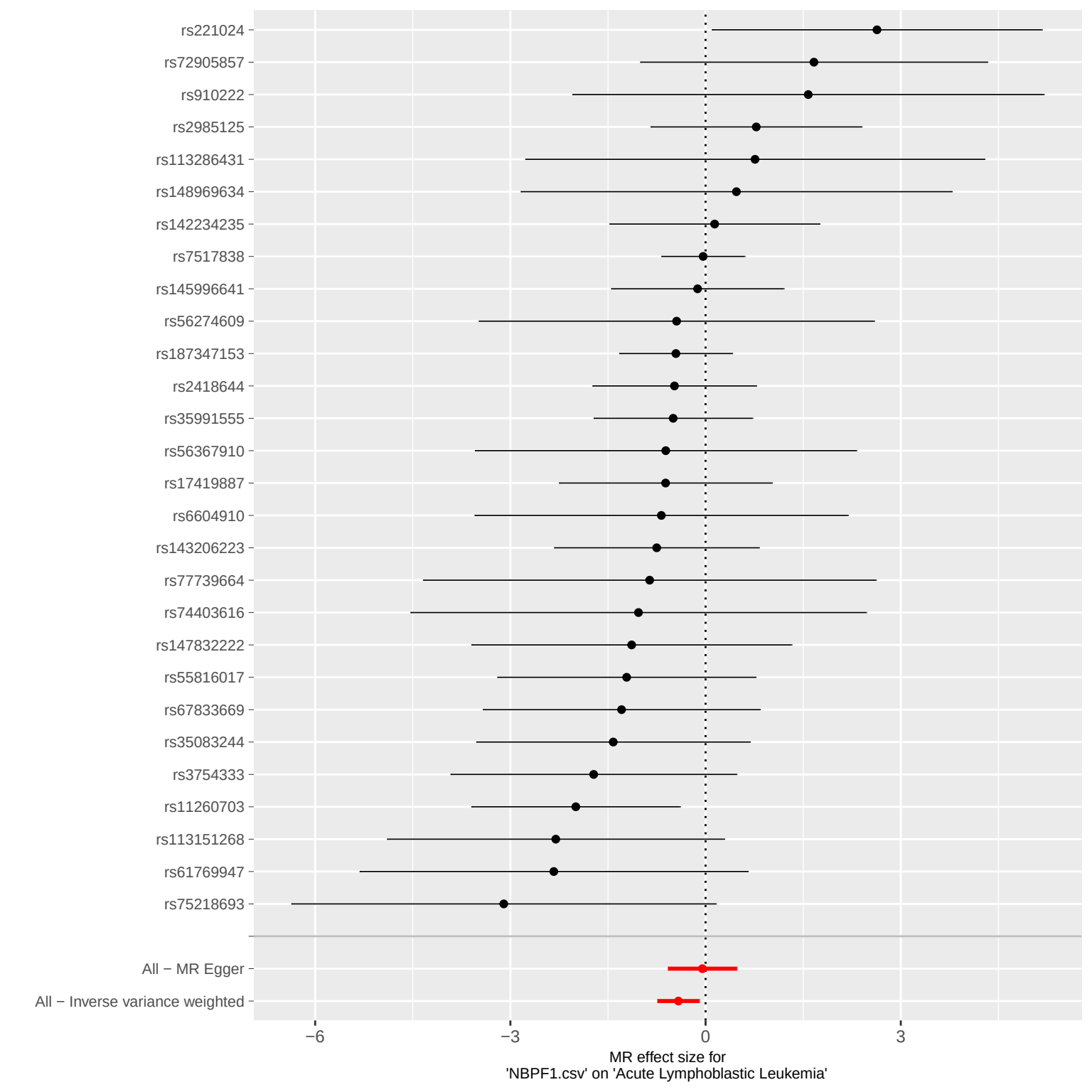
MR effect size for
'NAT6.csv' on 'Acute Lymphoblastic Leukemia'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rs61769947
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All − MR Egger
All − Inverse variance weighted
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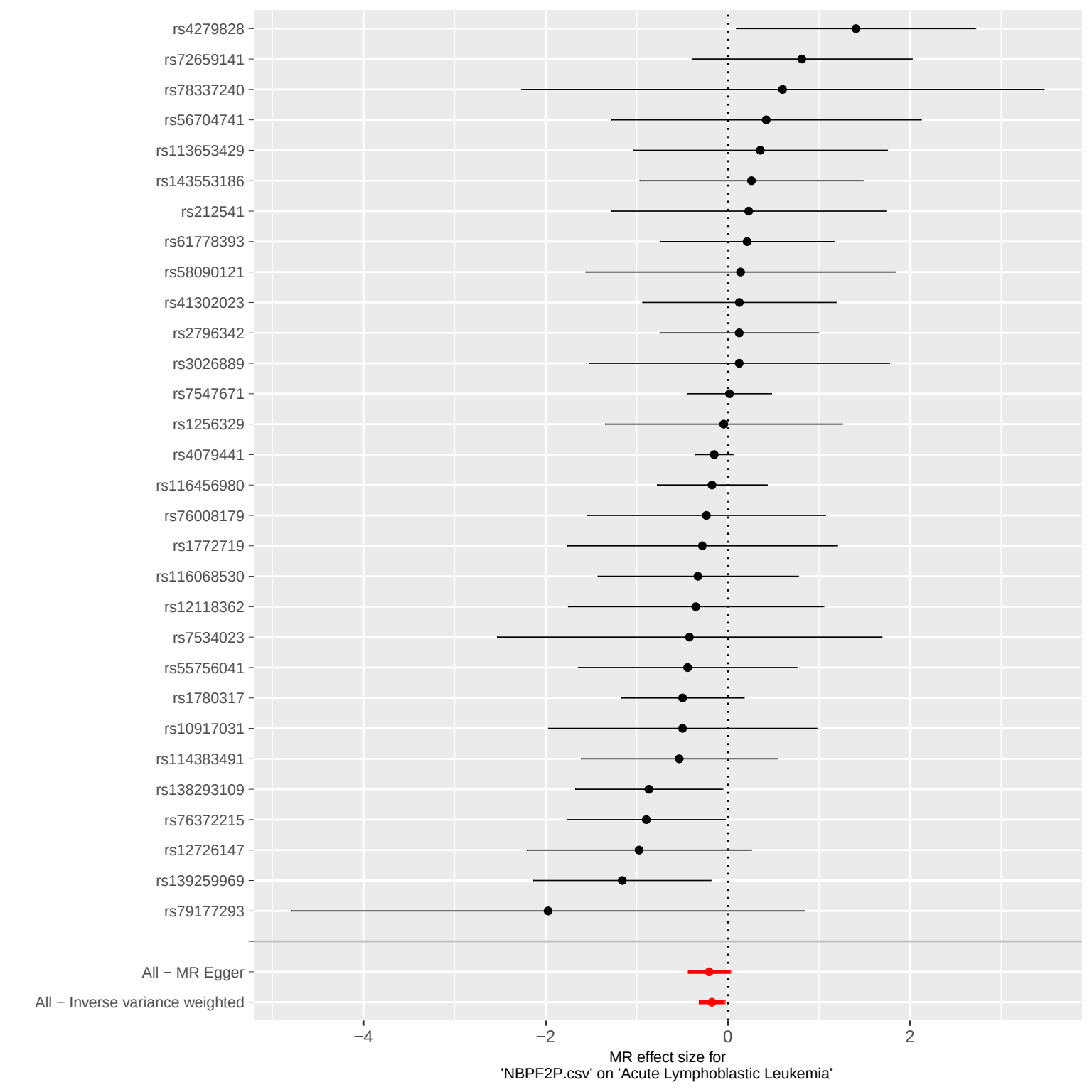
MR effect size for
'NBPF1.csv' on 'Acute Lymphoblastic Leukemia'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rs7534023
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rs1780317
rs10917031
rs114383491
rs138293109
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rs12726147
rs139259969
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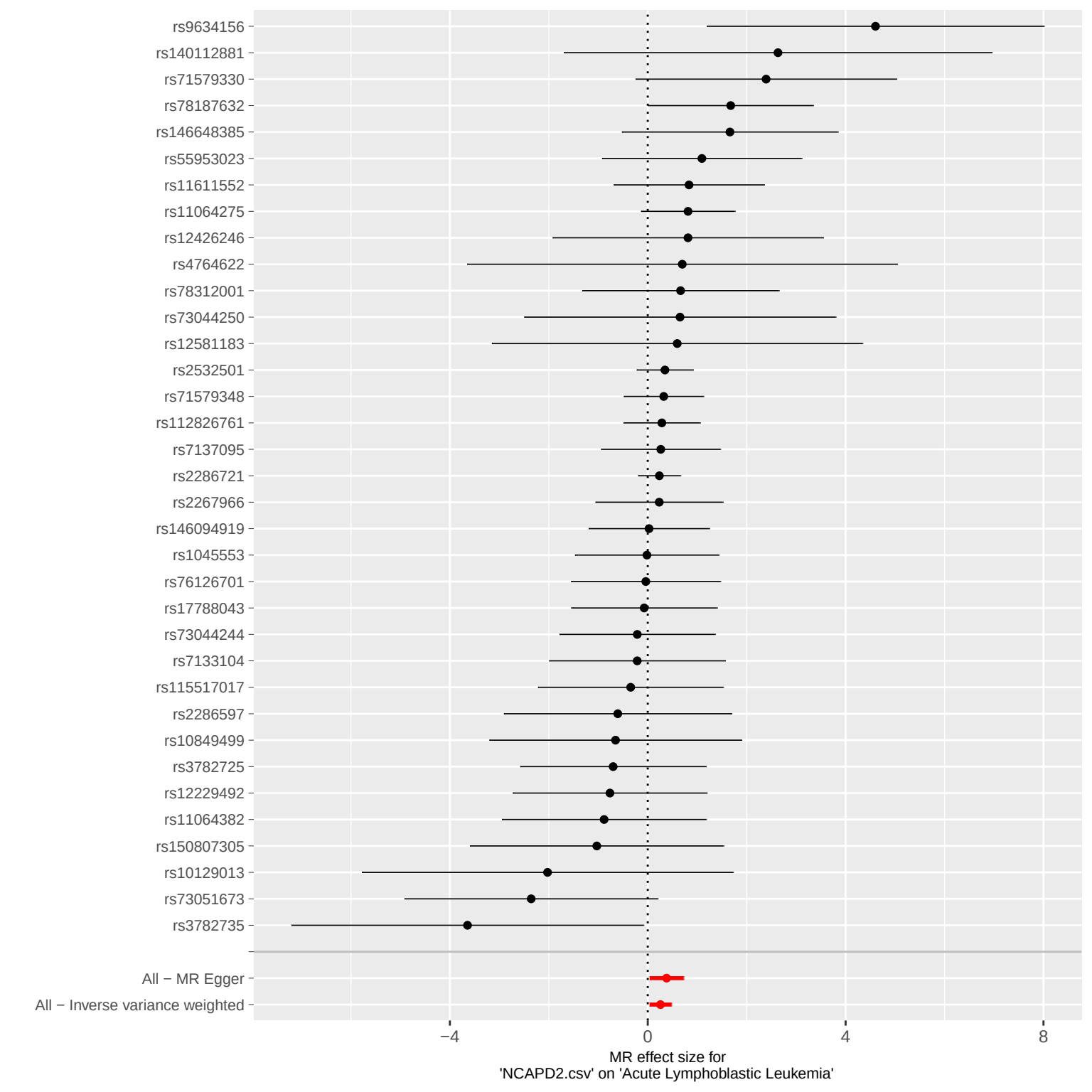
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'NBPF2P.csv' on 'Acute Lymphoblastic Leukemia'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rs10129013
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All − MR Egger
All − Inverse variance weighted
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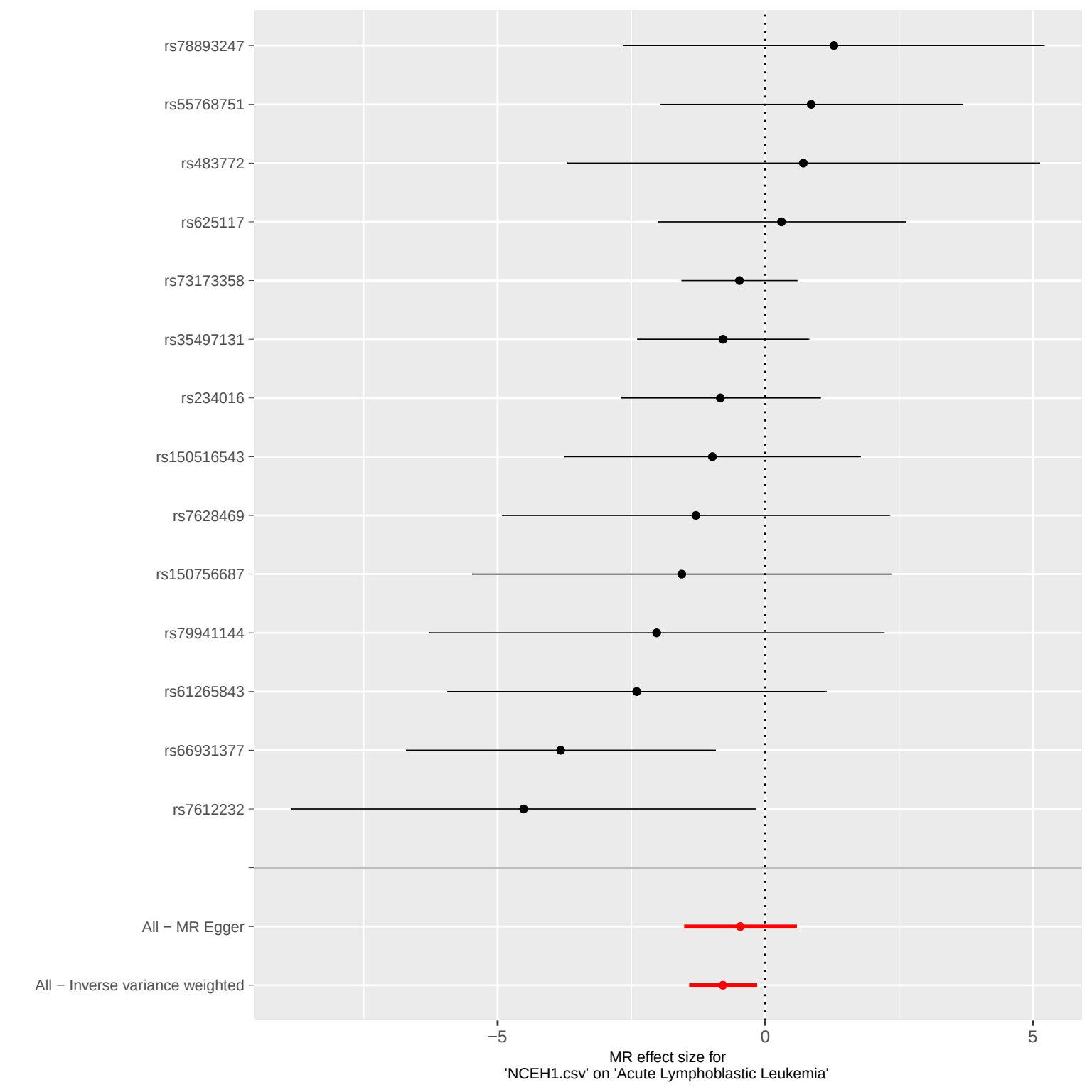
MR effect size for
'NCAPD2.csv' on 'Acute Lymphoblastic Leukemia'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rs79941144
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All − MR Egger
All − Inverse variance weighted
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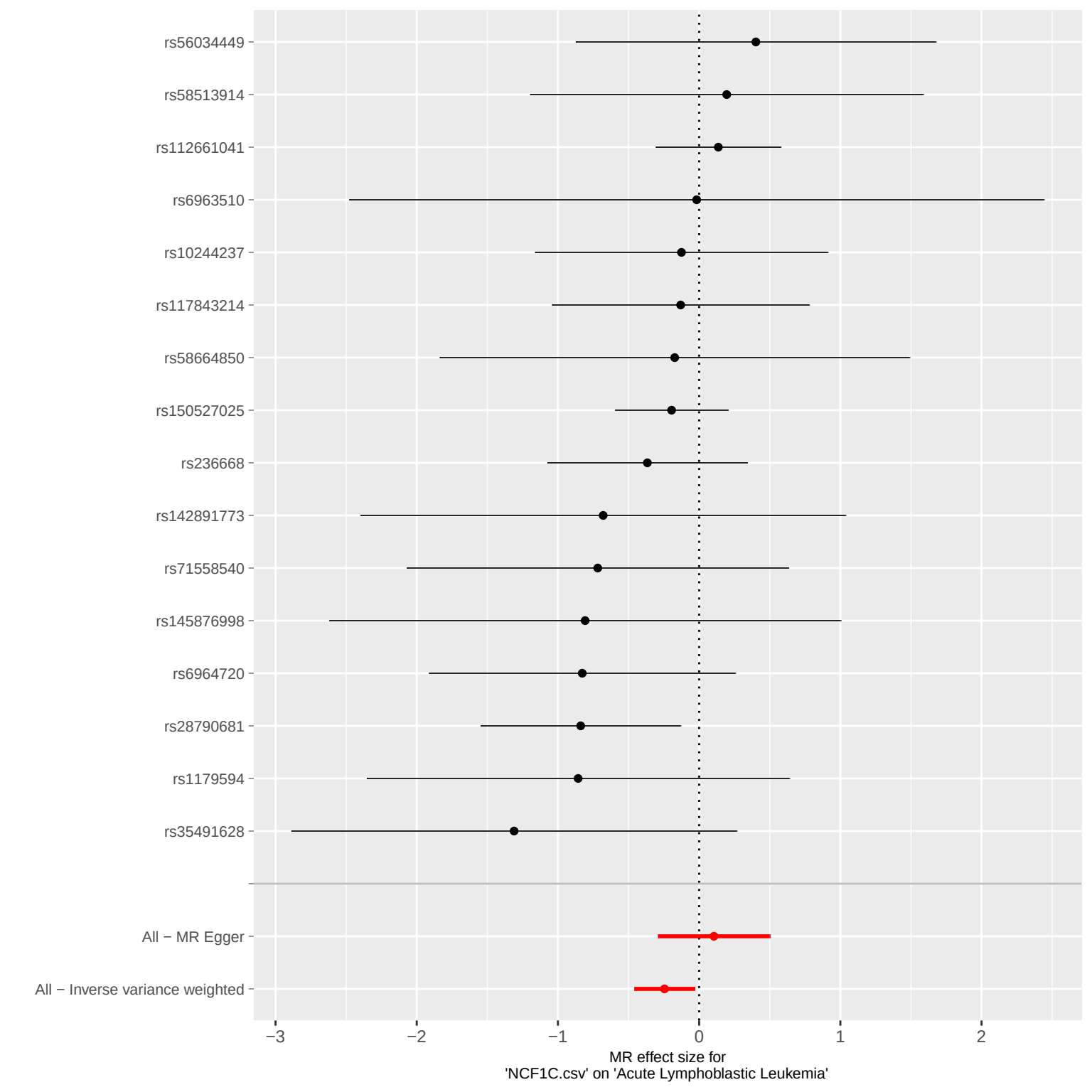
MR effect size for
'NCEH1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−3
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−1
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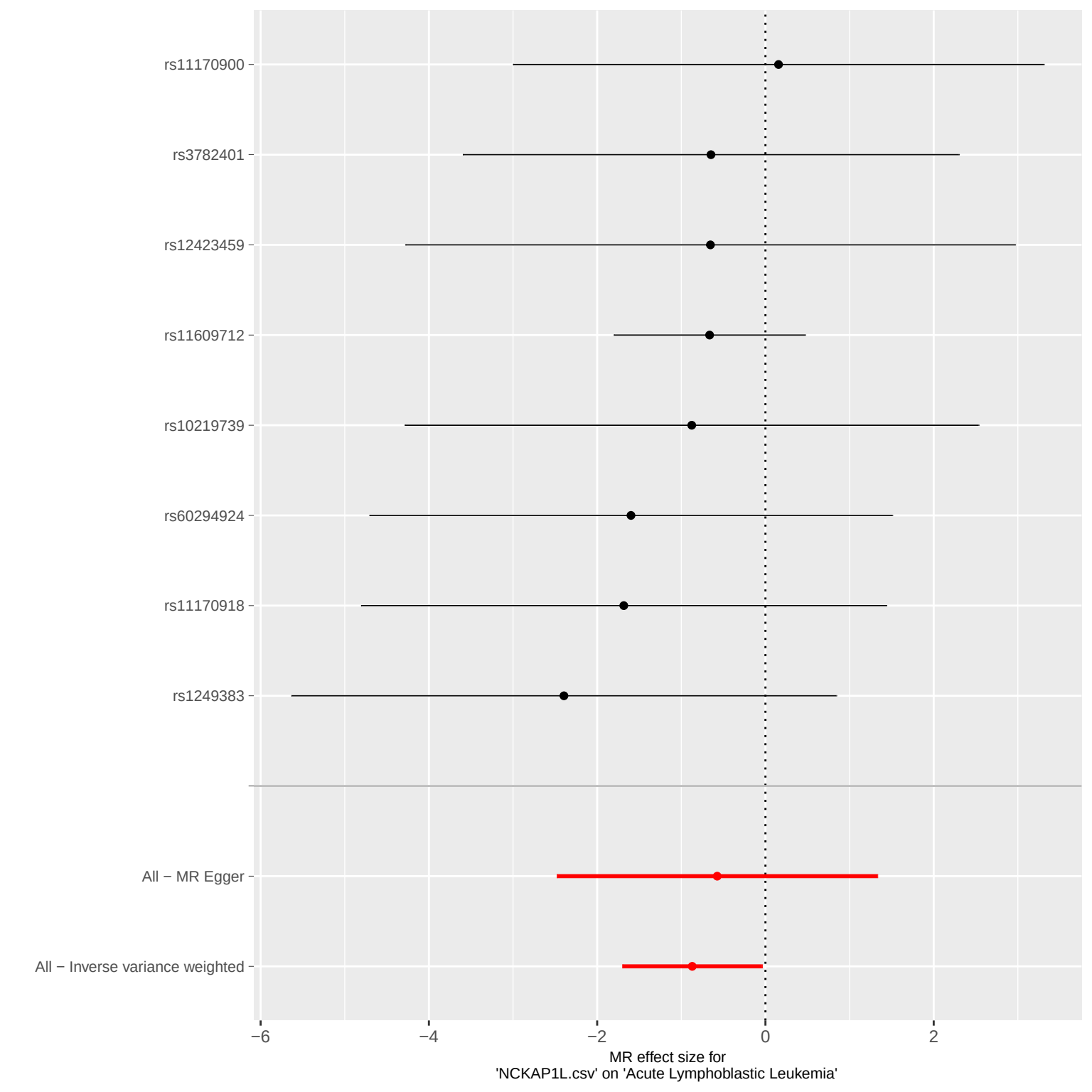
MR effect size for
'NCF1C.csv' on 'Acute Lymphoblastic Leukemia'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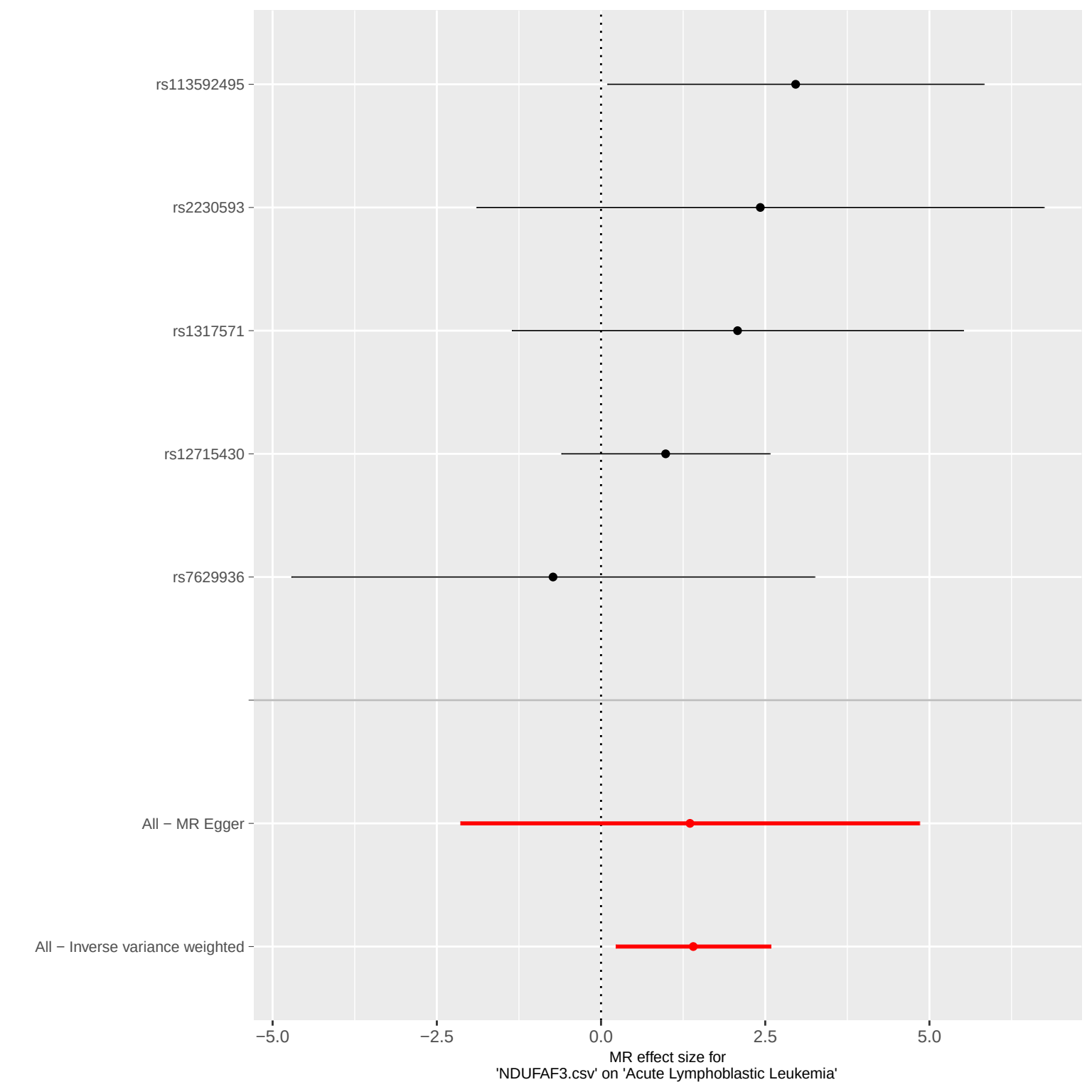
rs1249383
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'NCKAP1L.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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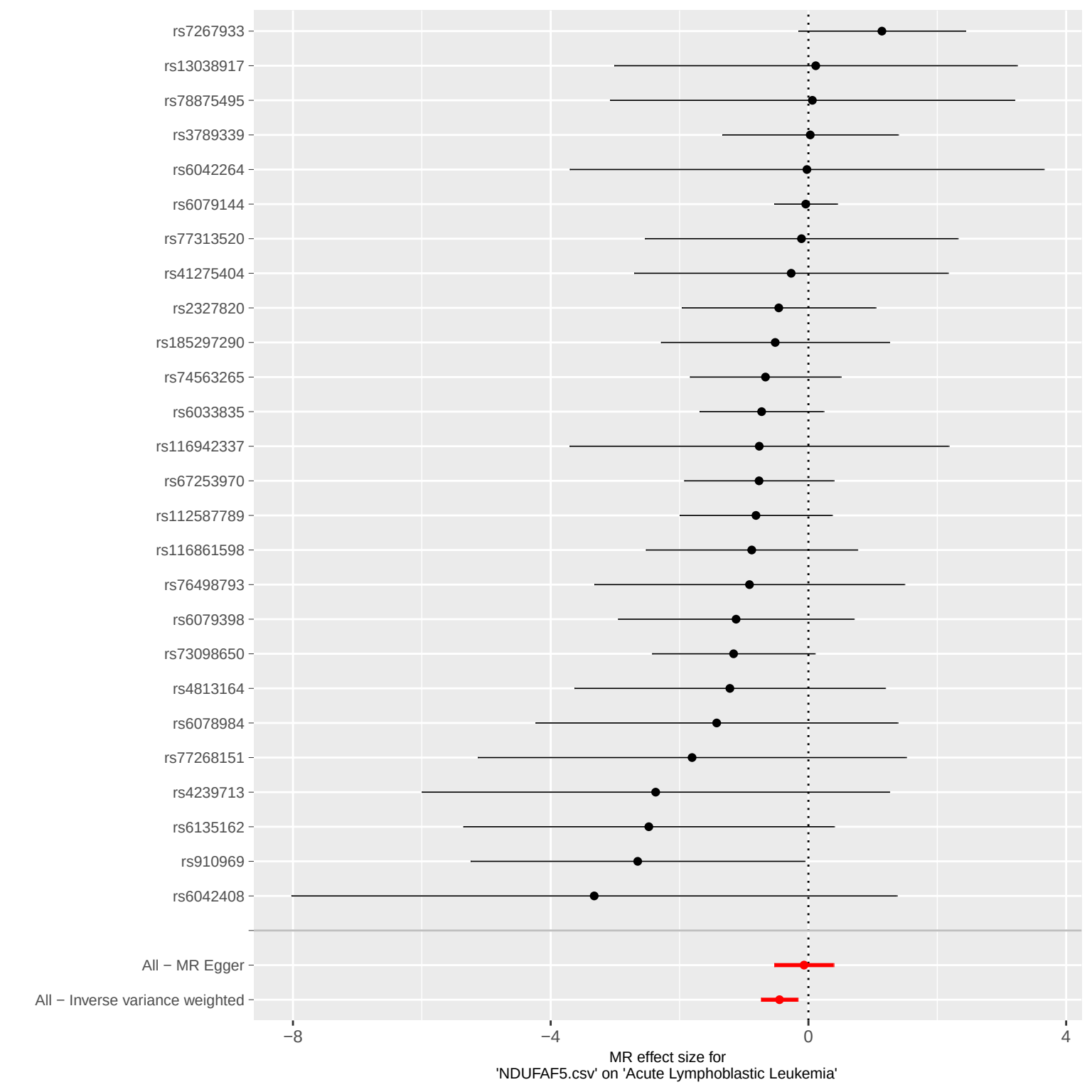
5.0
MR effect size for
'NDUFAF3.csv' on 'Acute Lymphoblastic Leukemia'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rs77268151
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rs6135162
rs910969
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All − MR Egger
All − Inverse variance weighted
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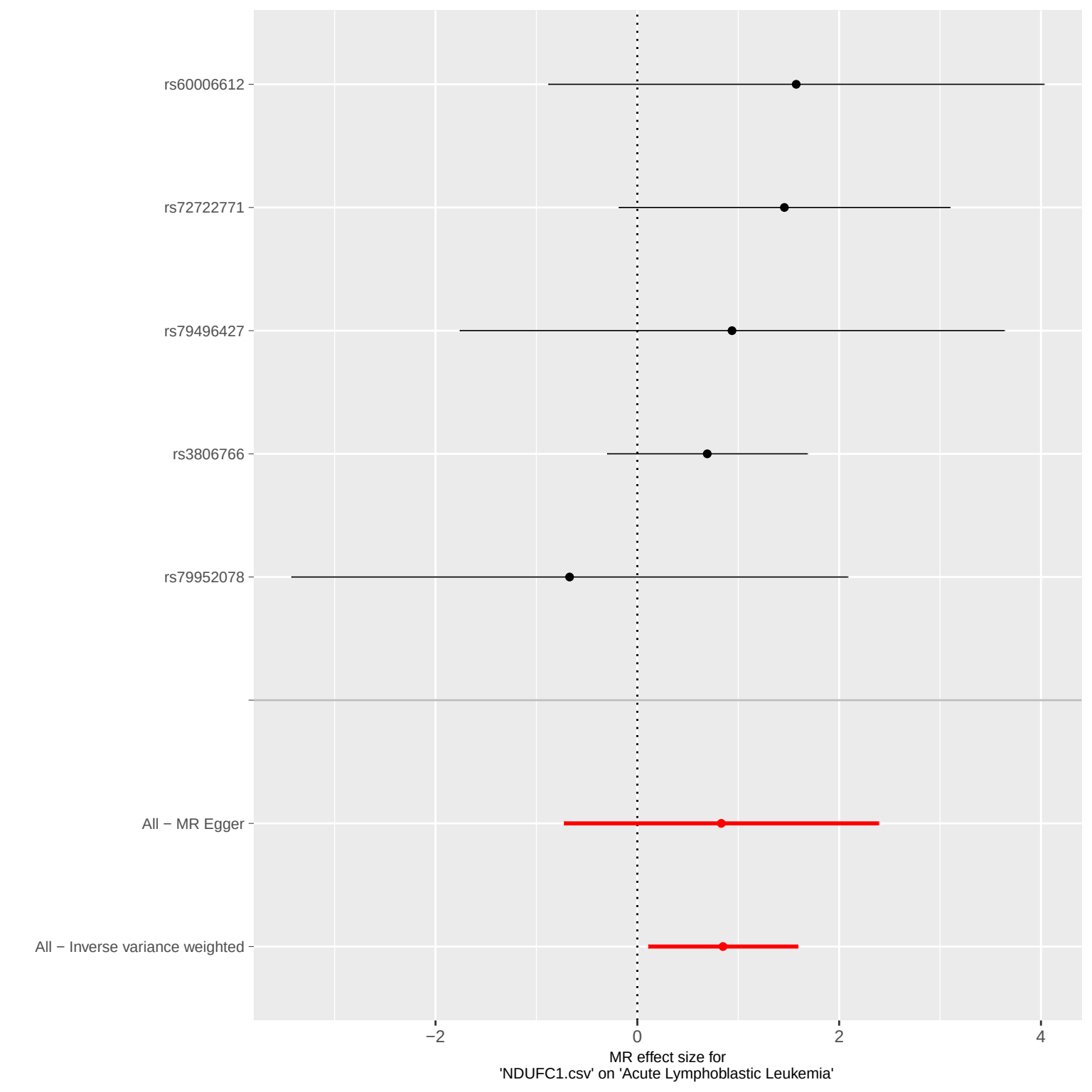
'NDUFAF5.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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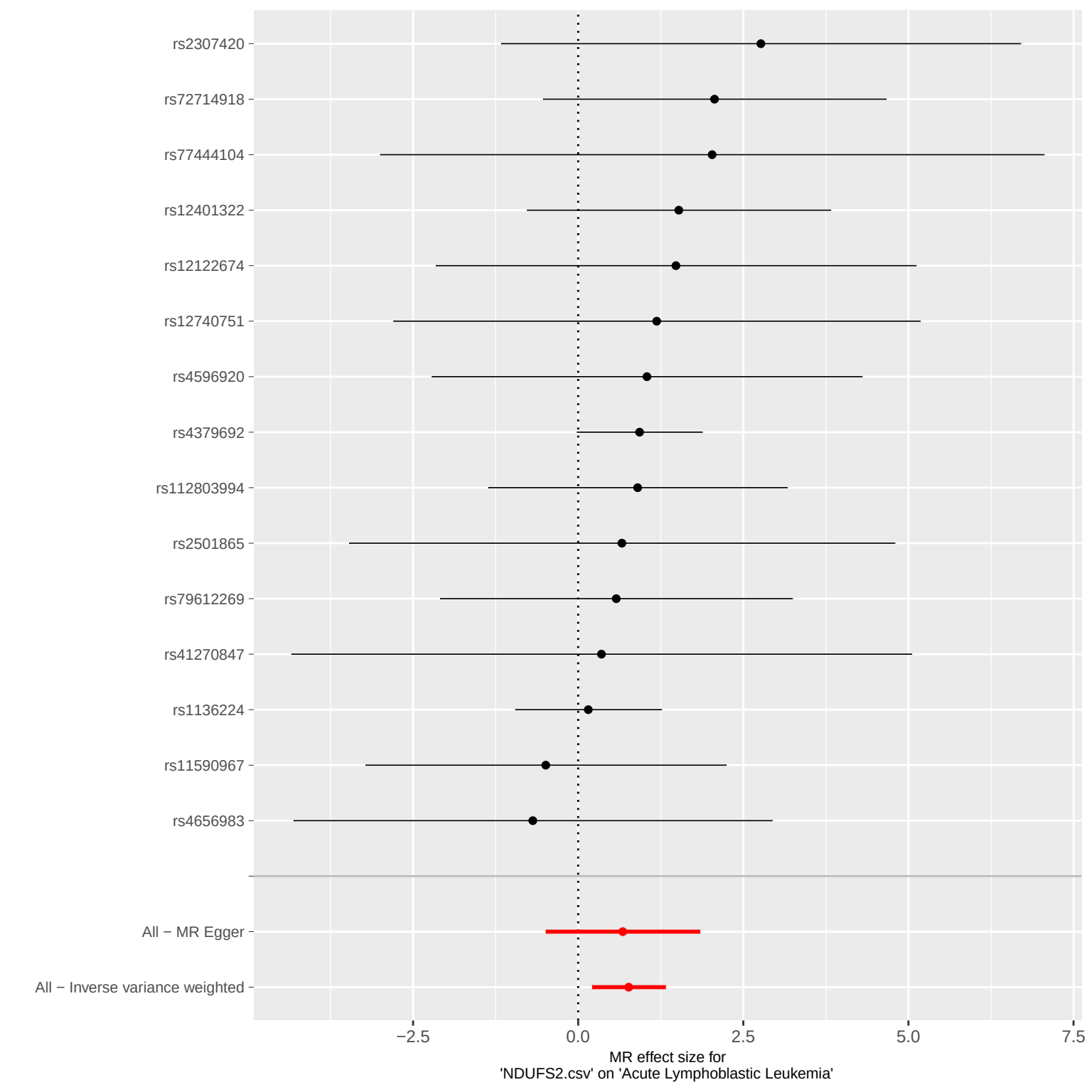
4
MR effect size for
'NDUFC1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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5.0
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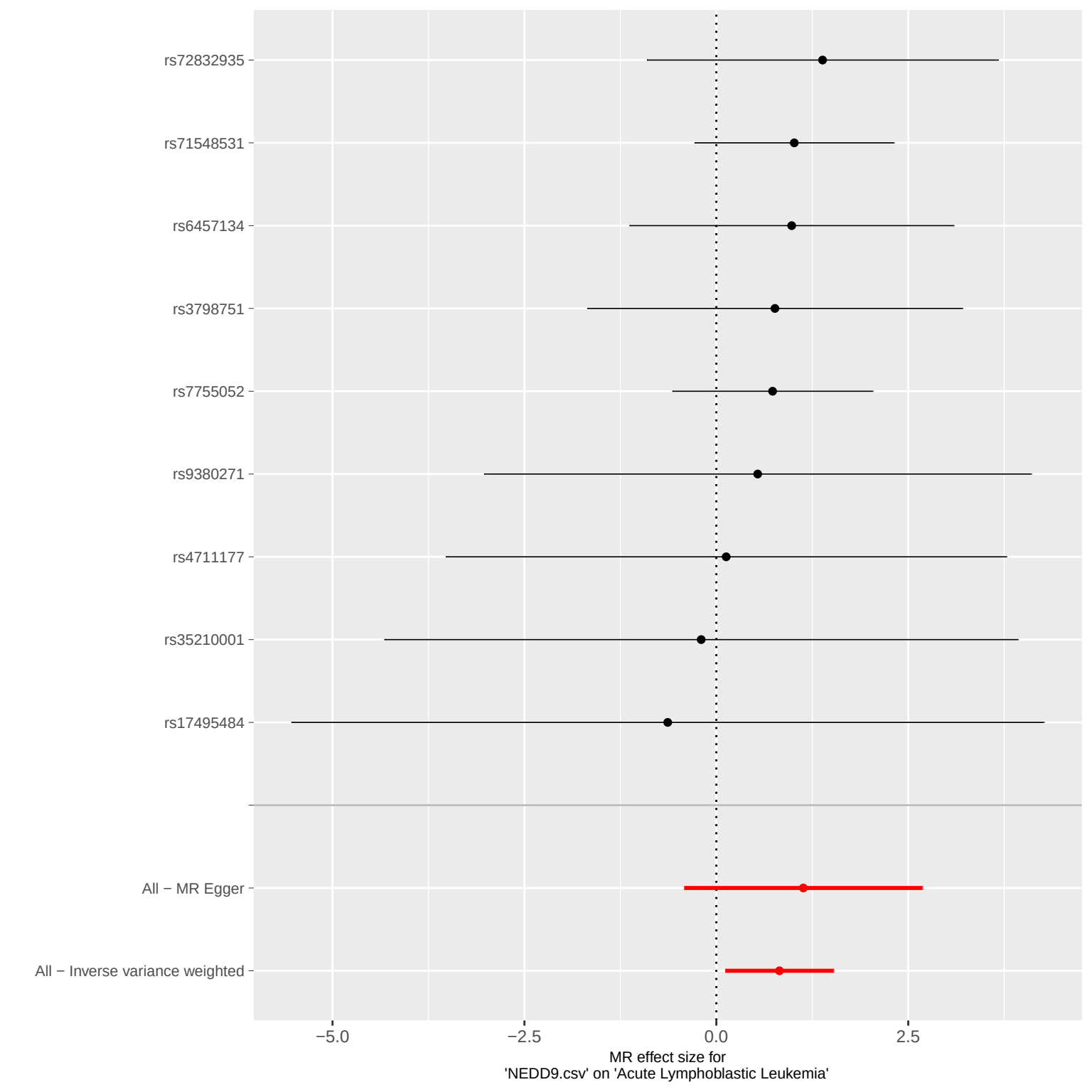
MR effect size for
'NDUFS2.csv' on 'Acute Lymphoblastic Leukemia'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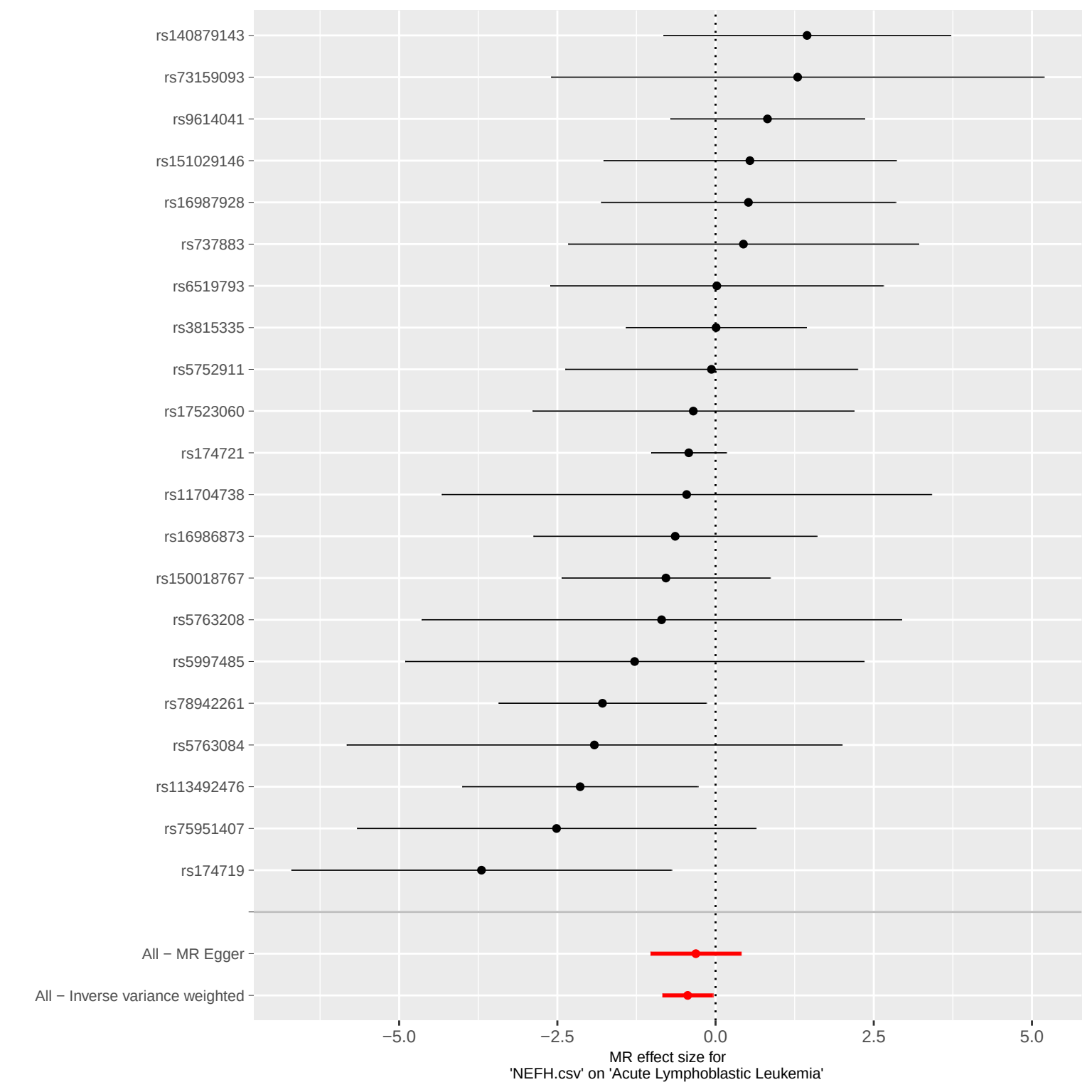
MR effect size for
'NEDD9.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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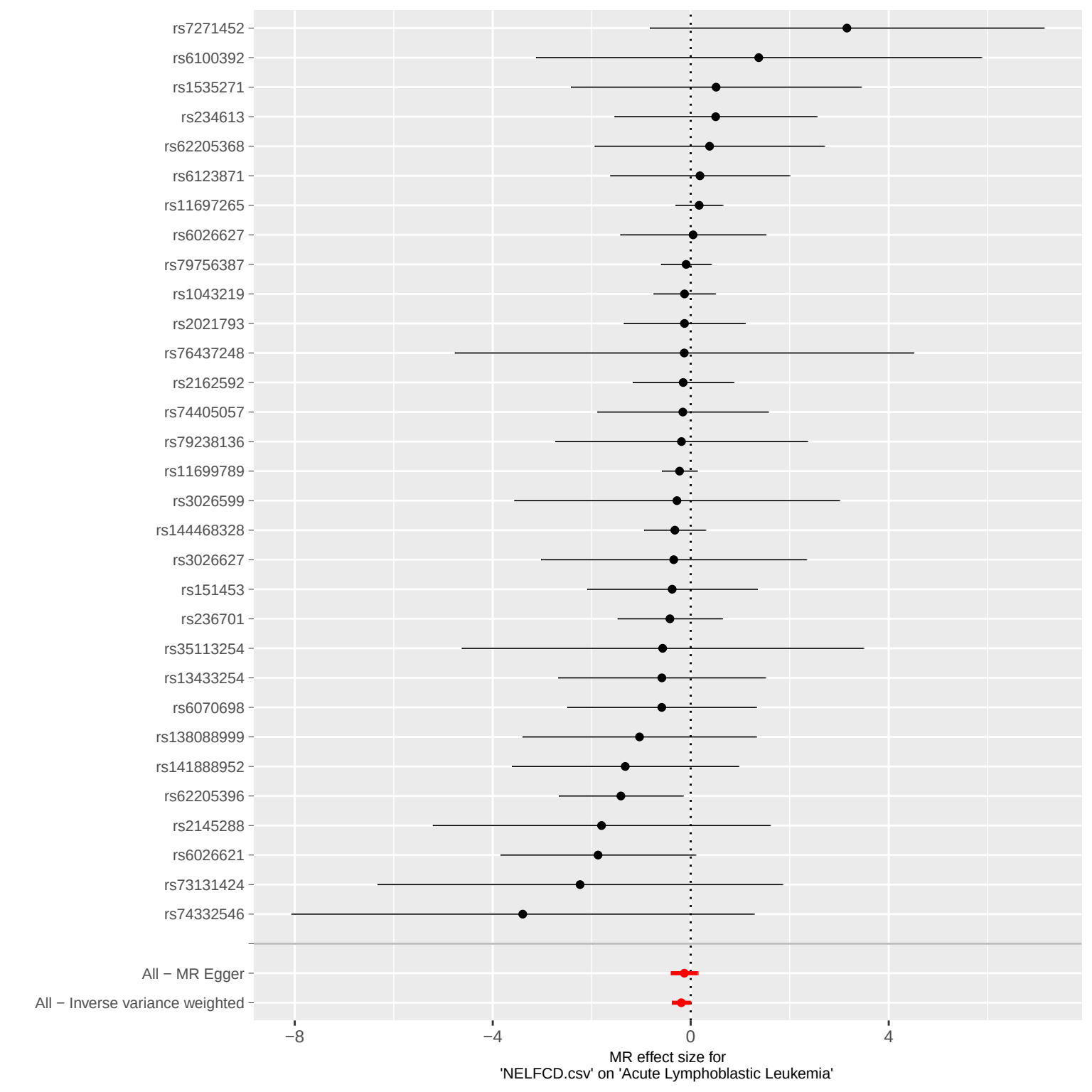
−2.5
0.0
2.5
5.0
MR effect size for
'NEFH.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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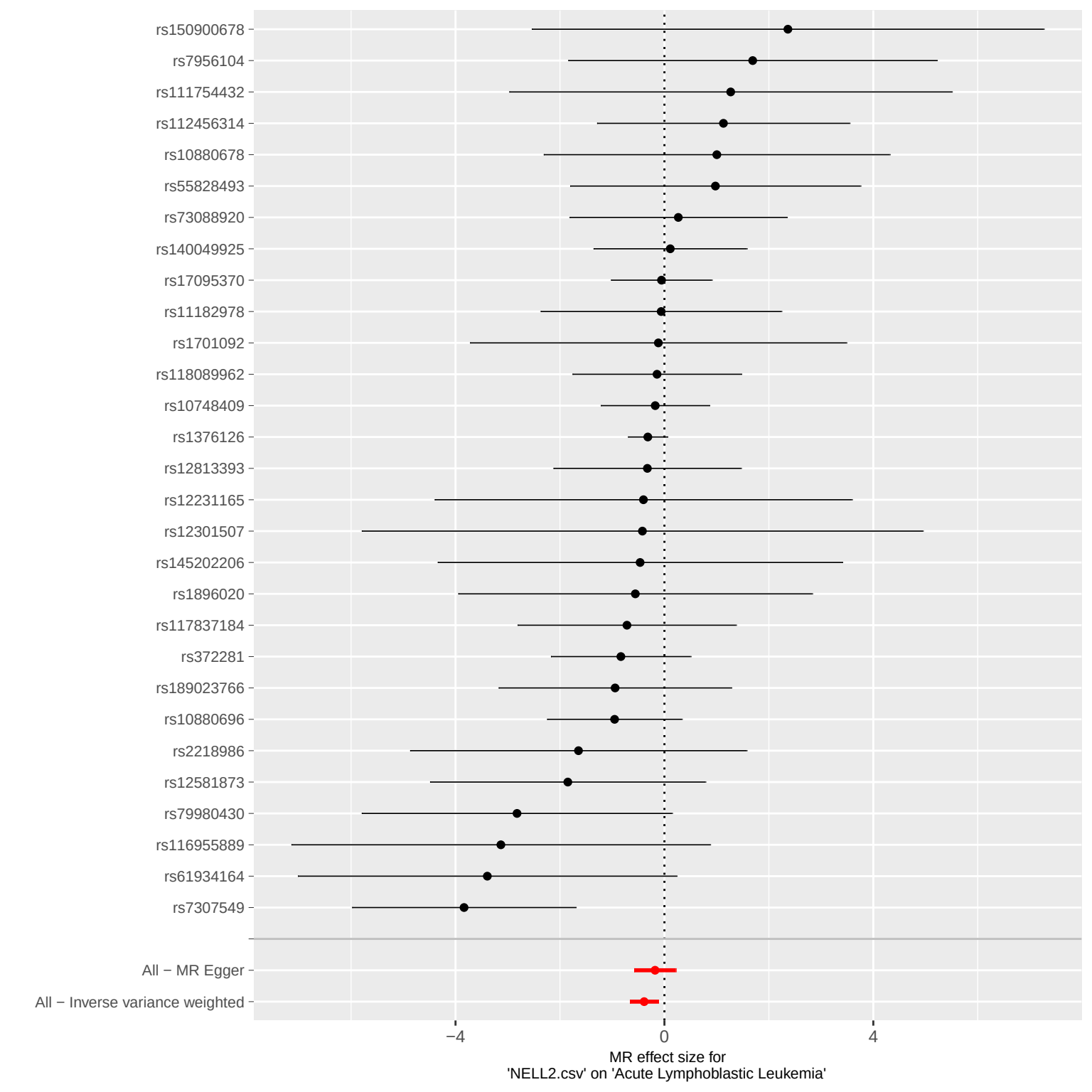
MR effect size for
'NELFCD.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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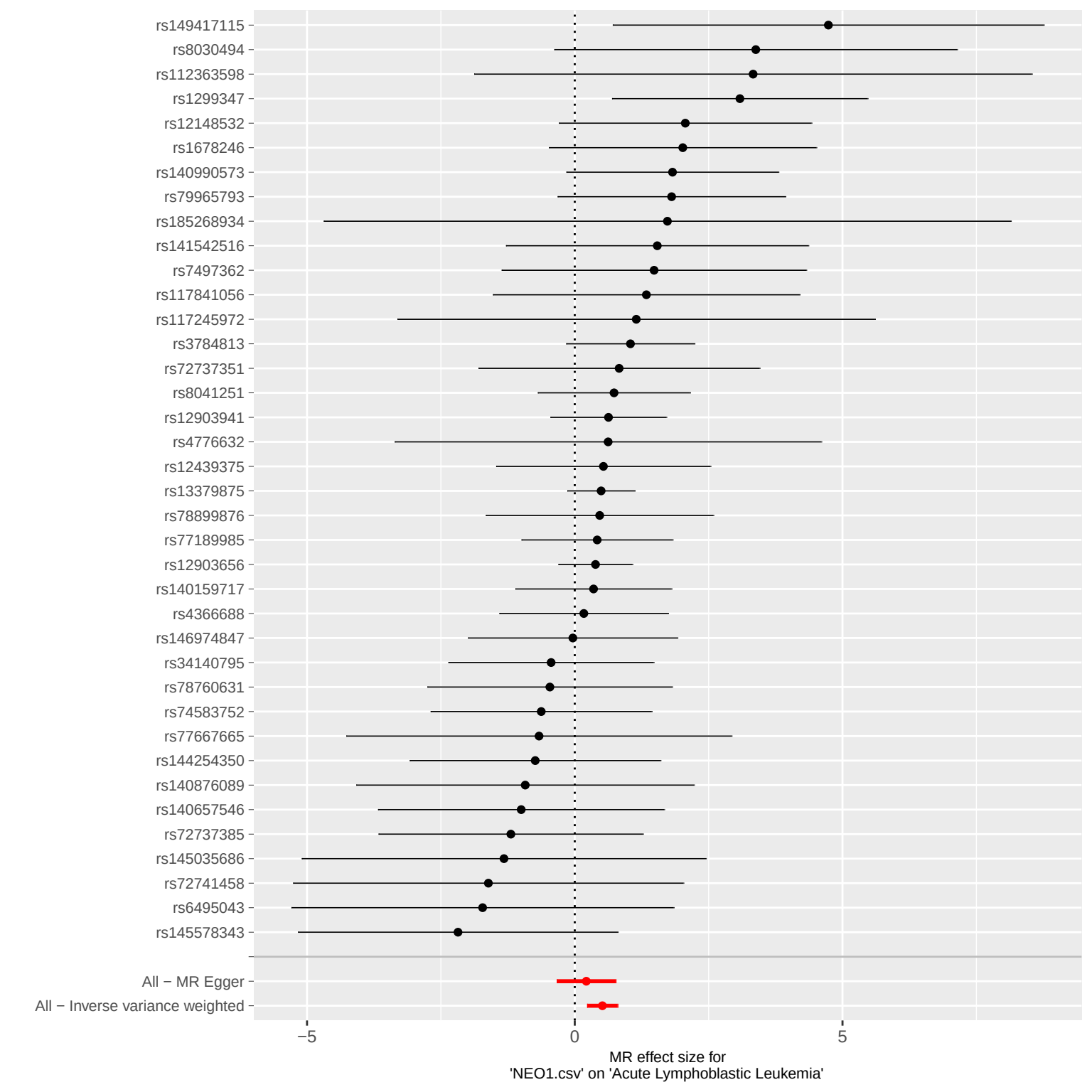
MR effect size for
'NELL2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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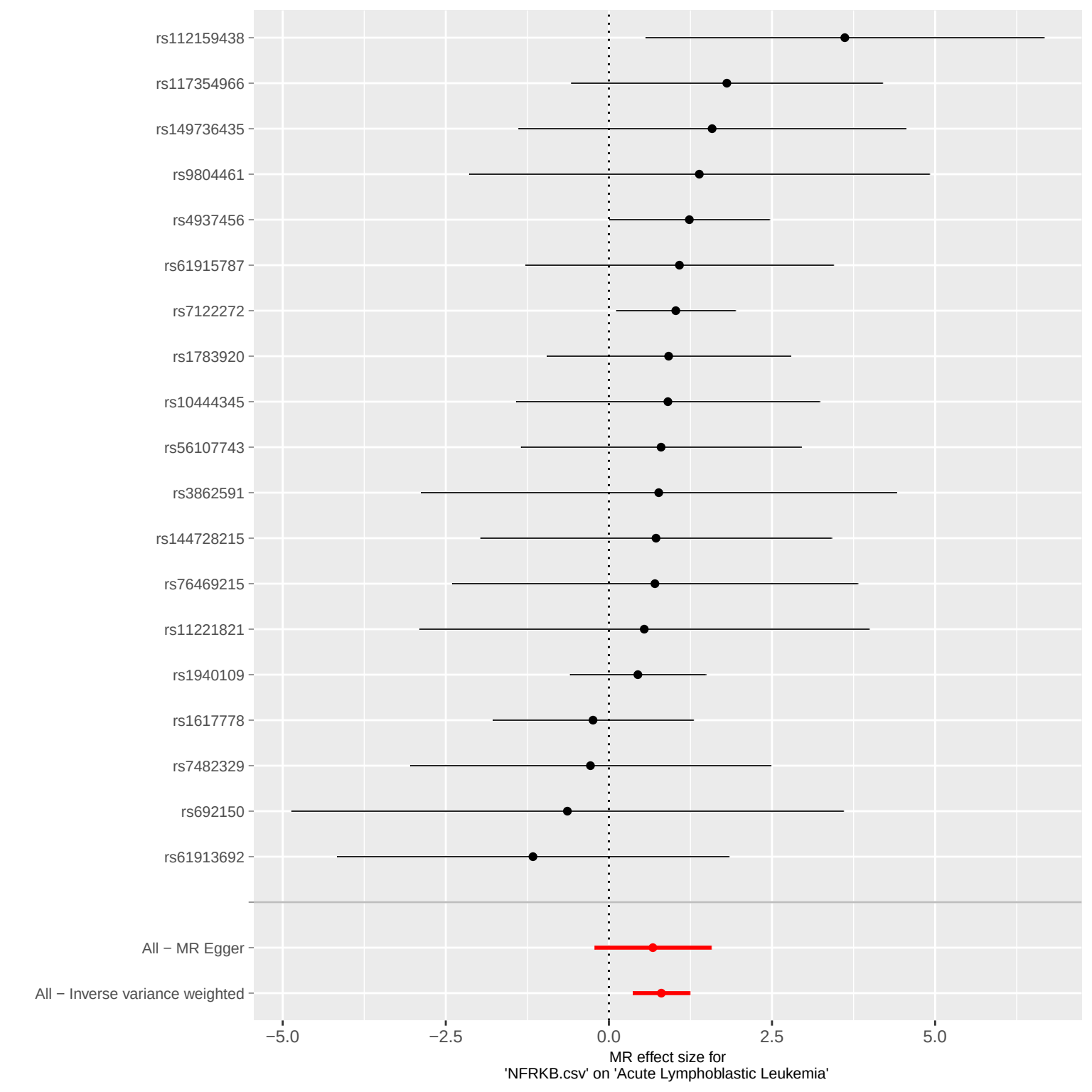
MR effect size for
'NEO1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2.5
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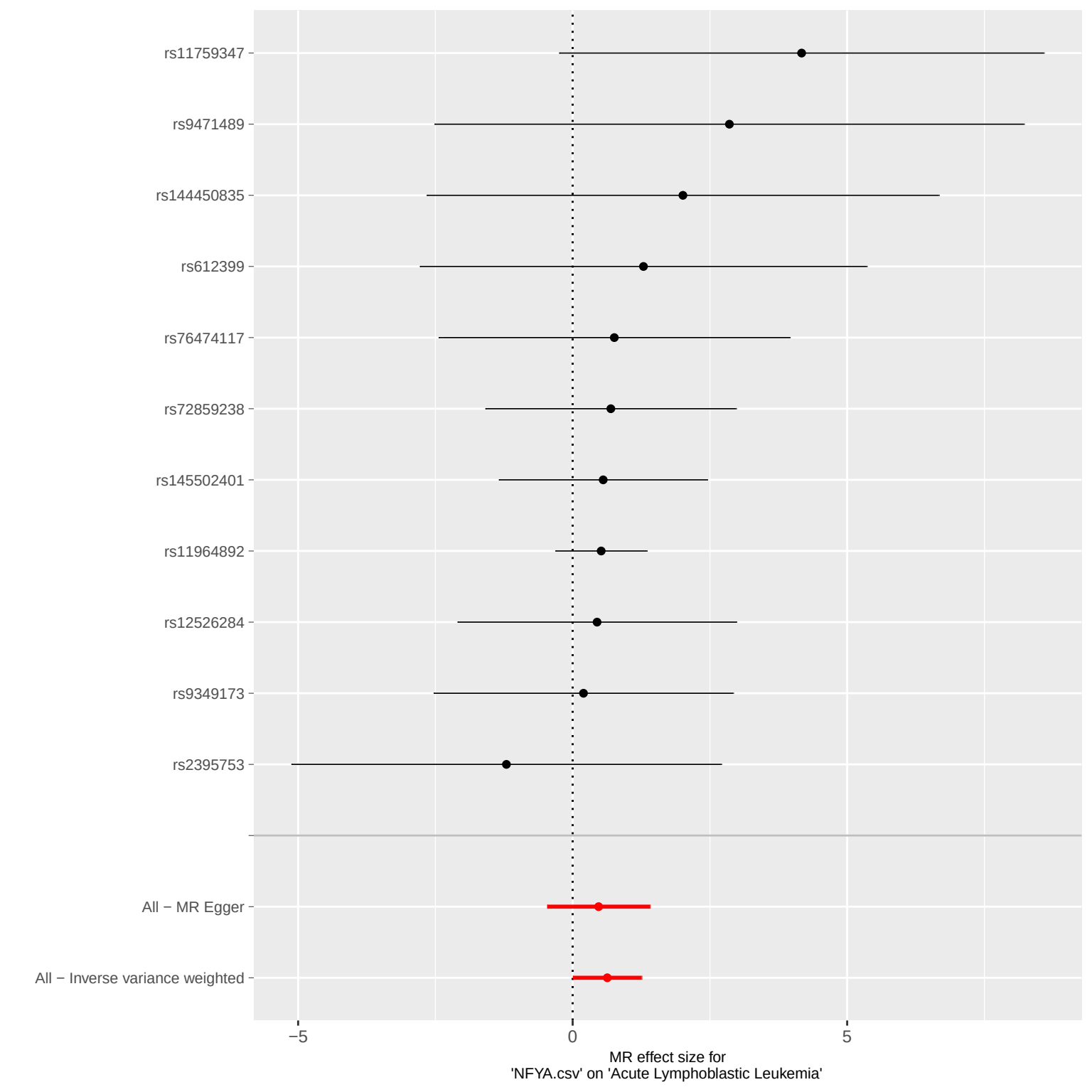
2.5
5.0
MR effect size for
'NFRKB.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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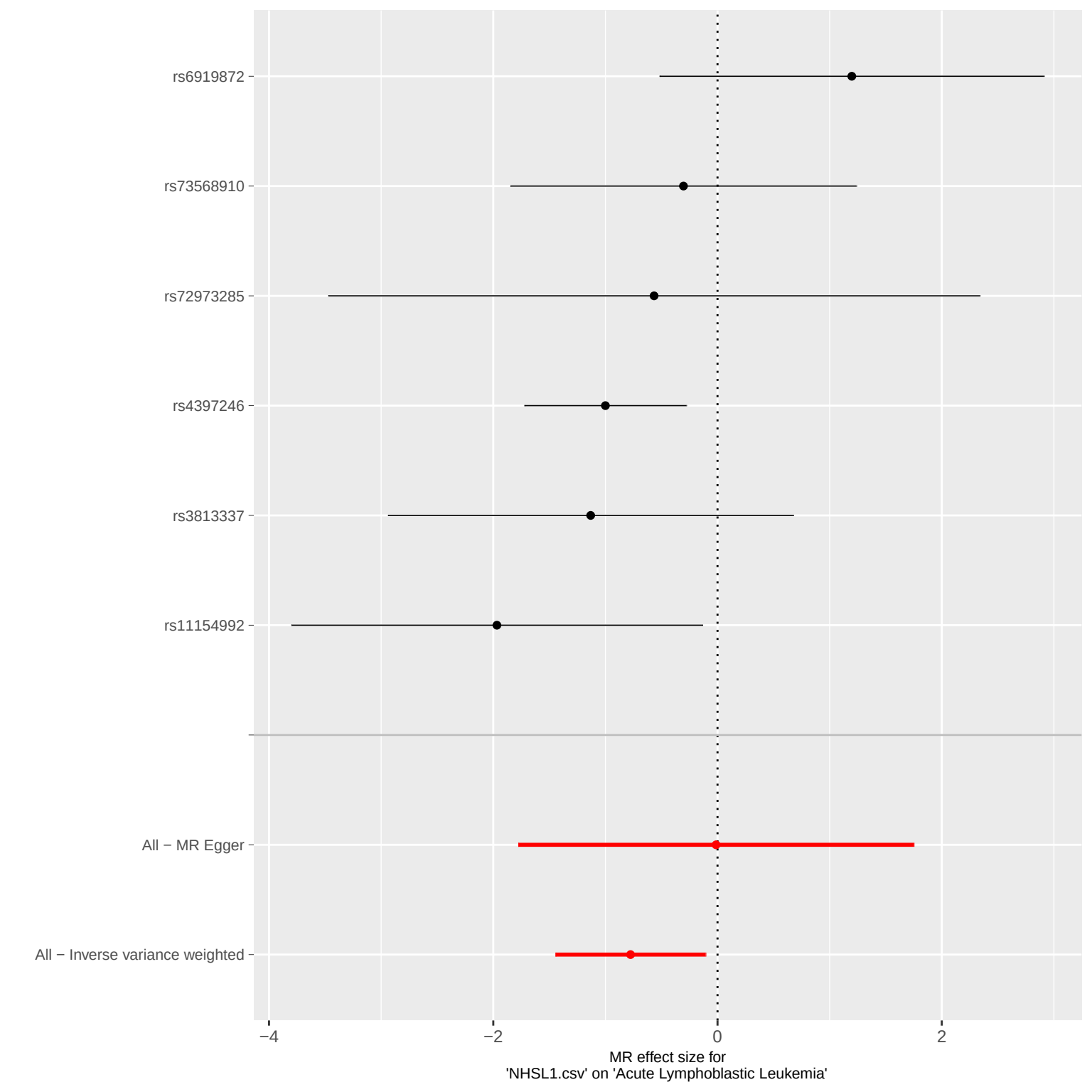
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All − MR Egger
All − Inverse variance weighted
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−2
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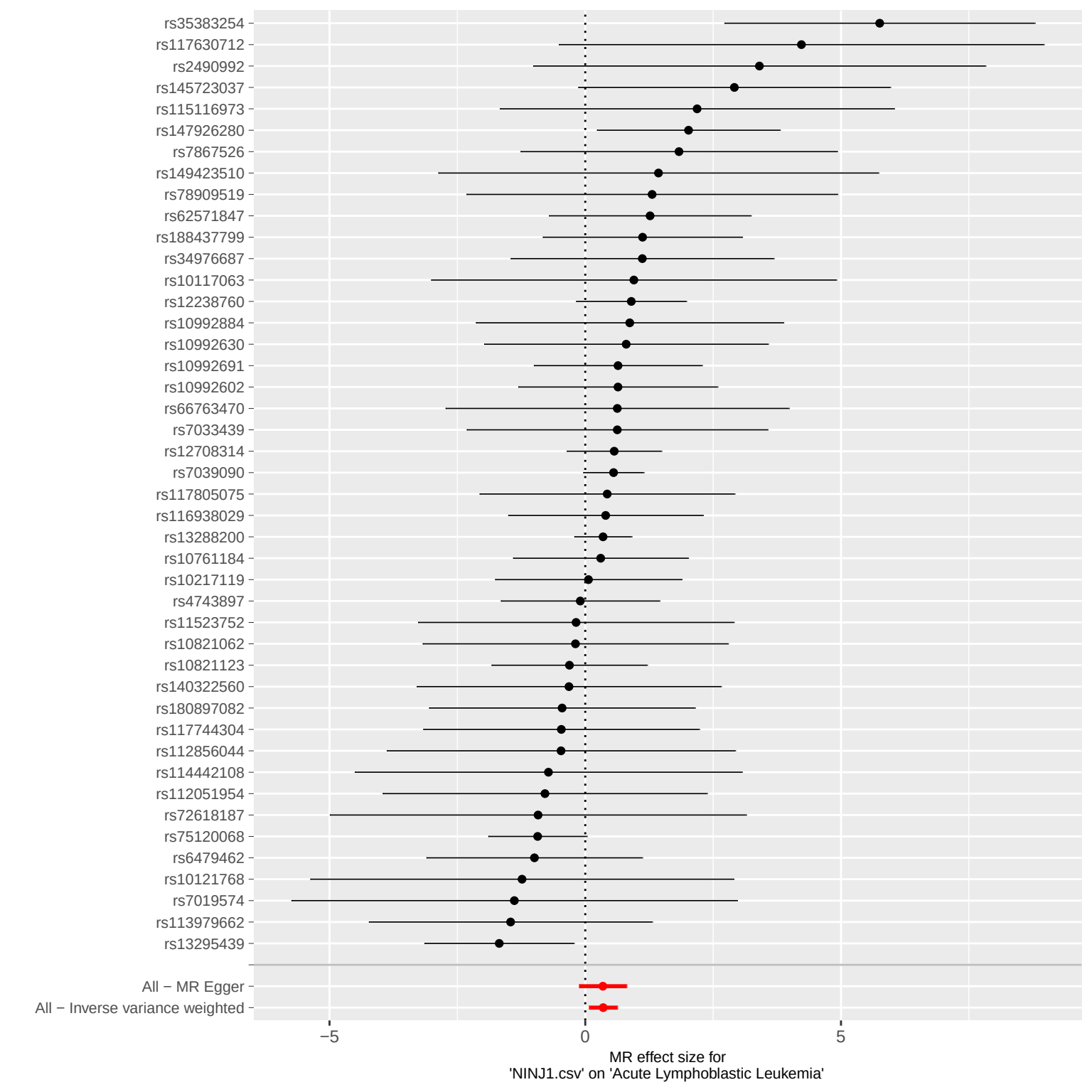
2
MR effect size for
'NHSL1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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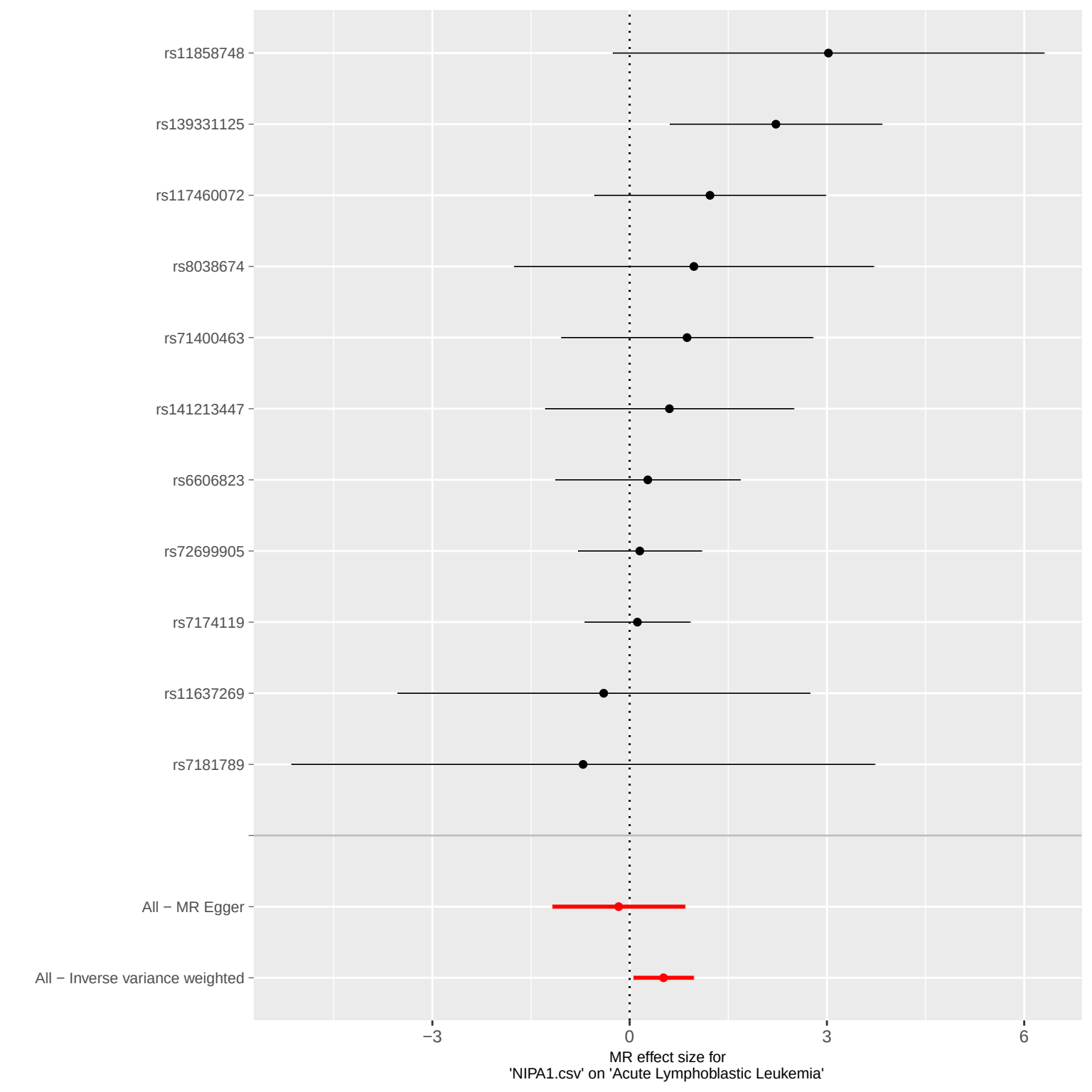
MR effect size for
'NINJ1.csv' on 'Acute Lymphoblastic Leukemia'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rs7174119
rs11637269
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All − MR Egger
All − Inverse variance weighted
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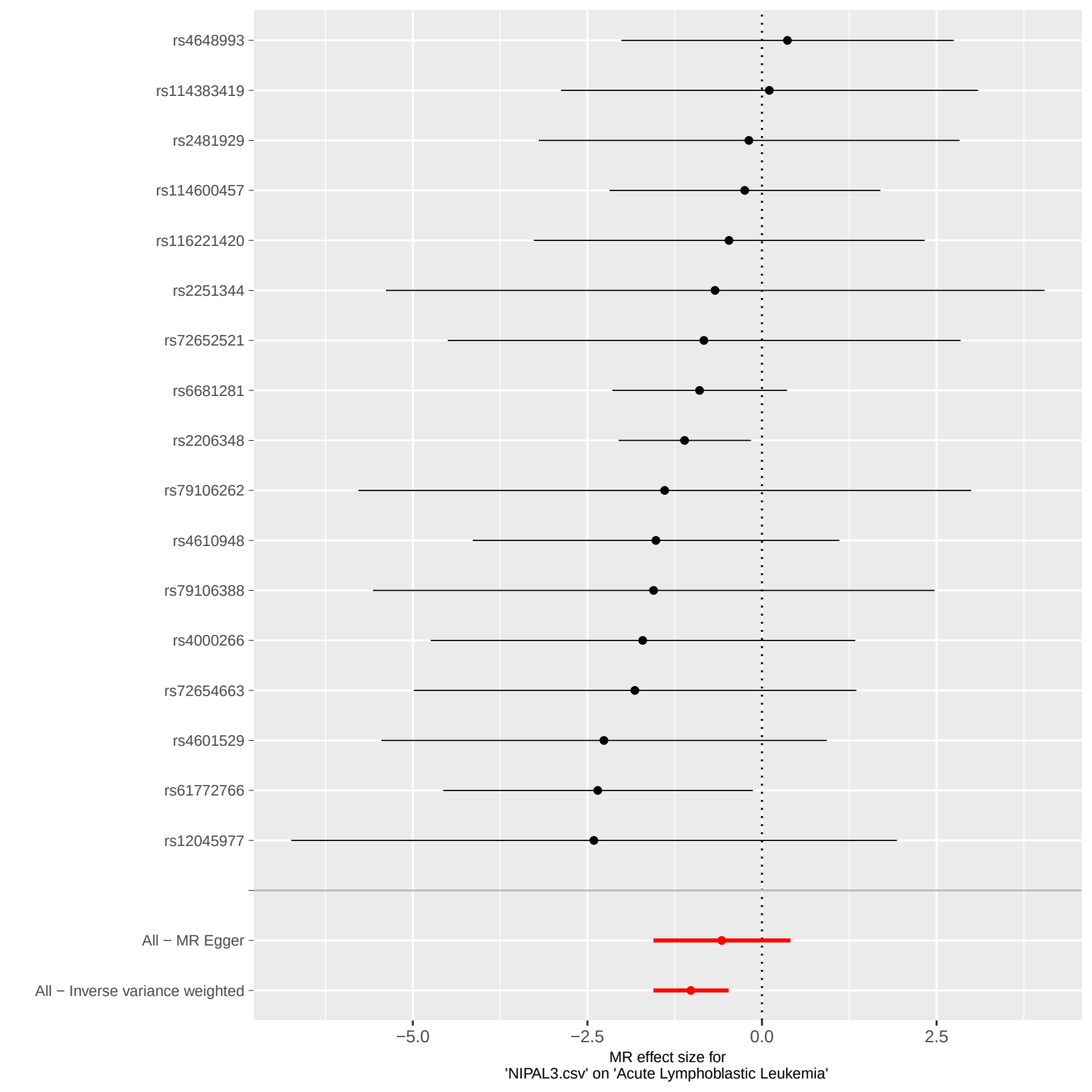
MR effect size for
'NIPA1.csv' on 'Acute Lymphoblastic Leukemia'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rs4601529
rs61772766
rs12045977
All − MR Egger
All − Inverse variance weighted
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−2.5
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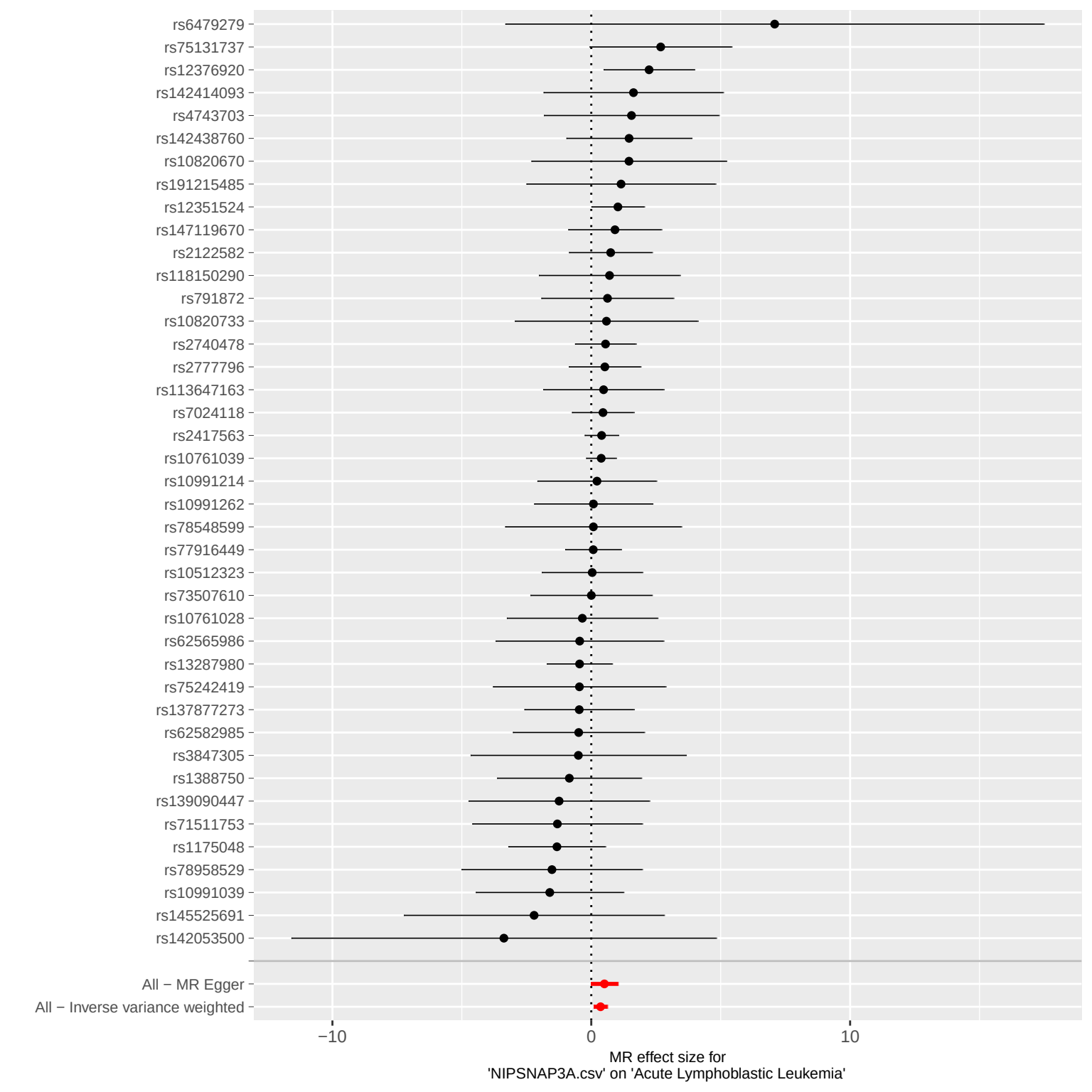
2.5
MR effect size for
'NIPAL3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−10
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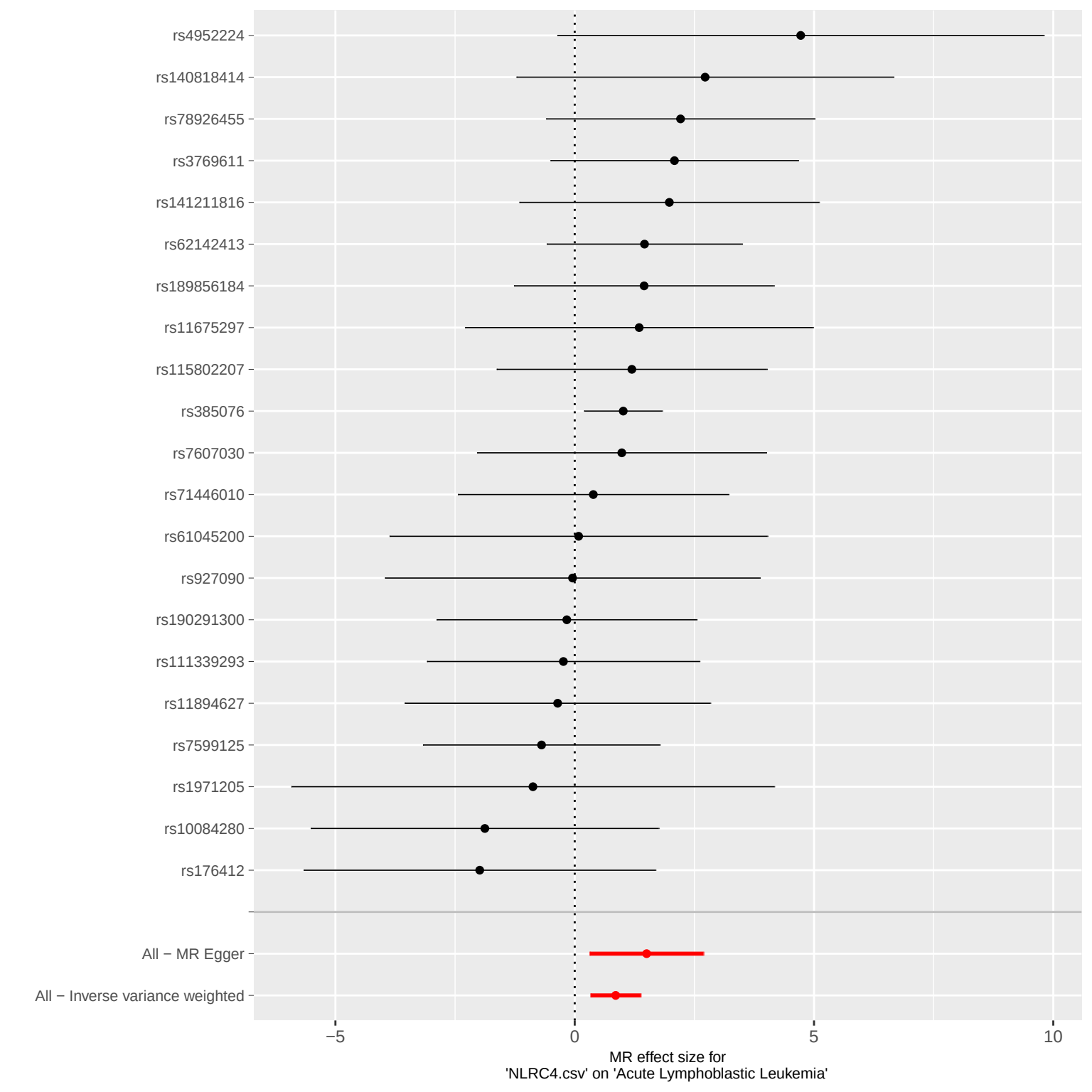
10
MR effect size for
'NIPSNAP3A.csv' on 'Acute Lymphoblastic Leukemia'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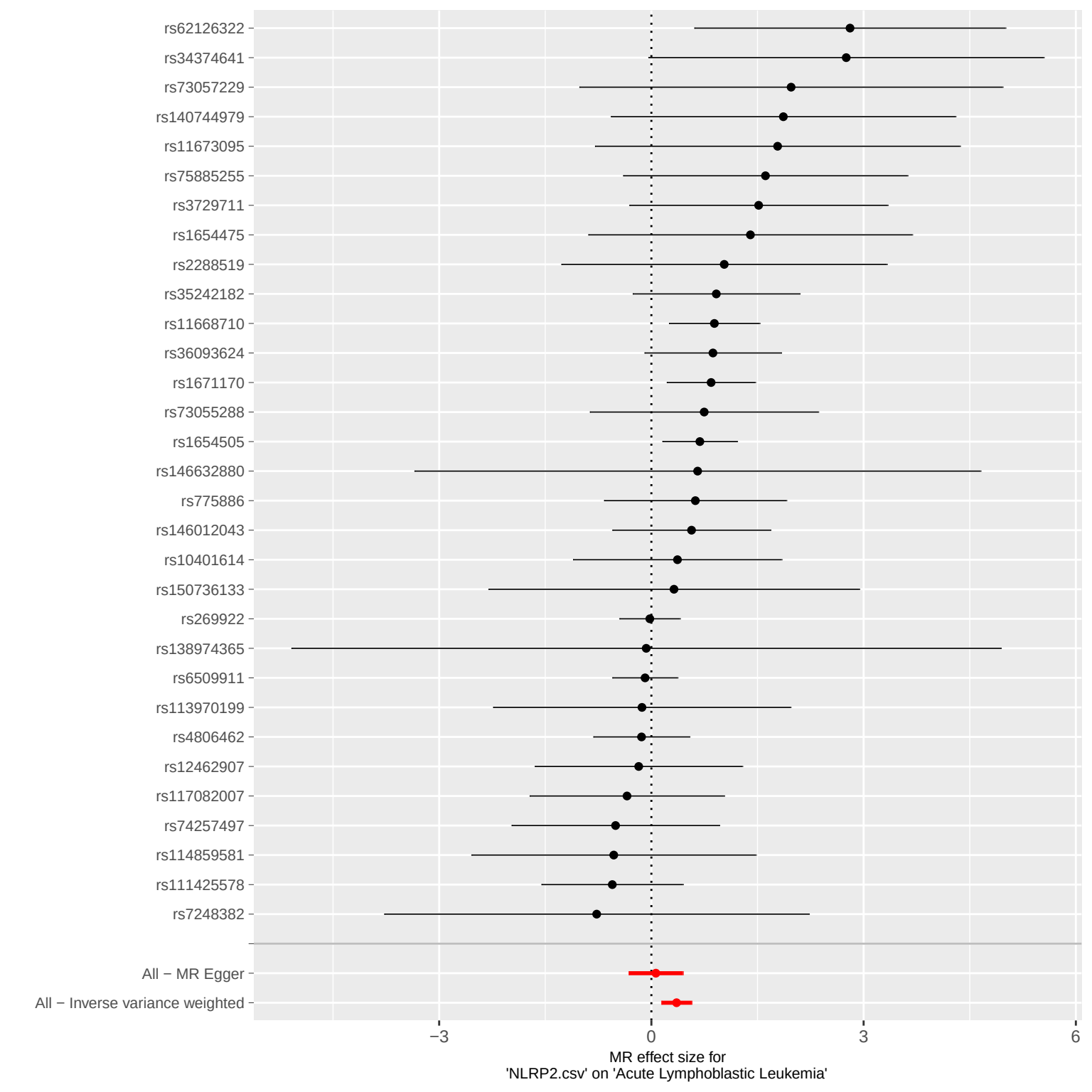
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'NLRC4.csv' on 'Acute Lymphoblastic Leukemia'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rs113970199
rs4806462
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rs74257497
rs114859581
rs111425578
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All − MR Egger
All − Inverse variance weighted
−3
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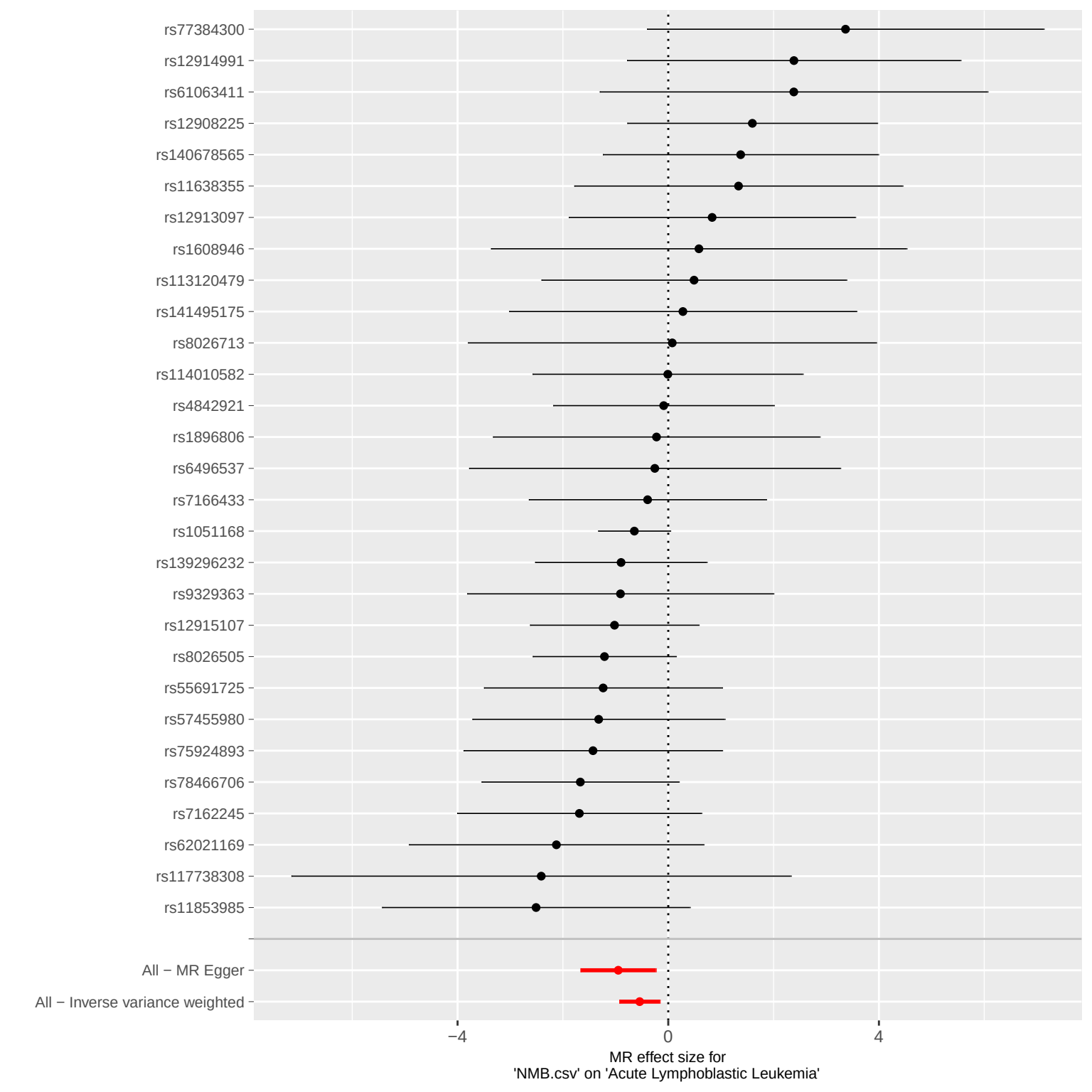
MR effect size for
'NLRP2.csv' on 'Acute Lymphoblastic Leukemia'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rs12915107
rs8026505
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rs57455980
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rs7162245
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All − MR Egger
All − Inverse variance weighted
−4
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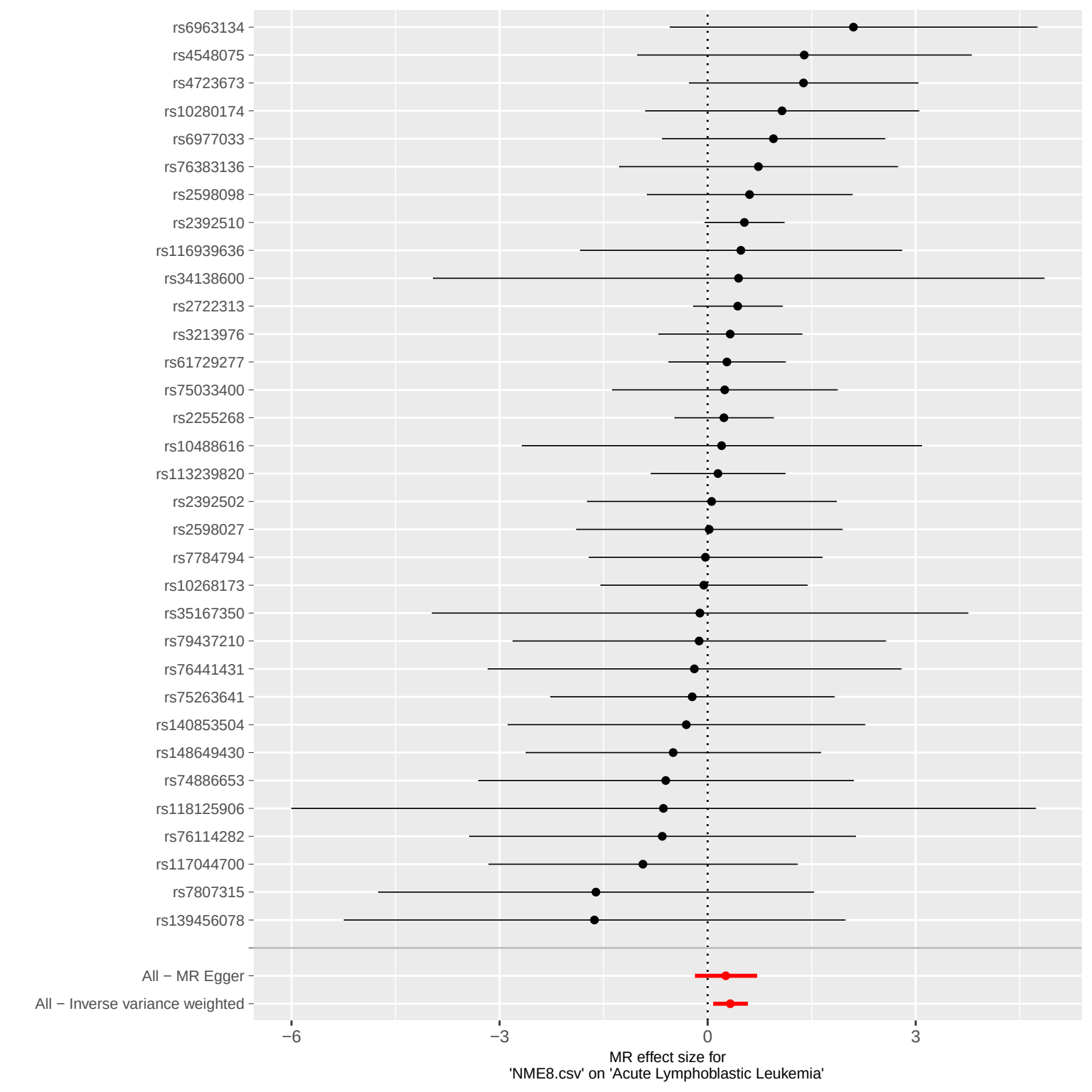
MR effect size for
'NMB.csv' on 'Acute Lymphoblastic Leukemia'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rs7807315
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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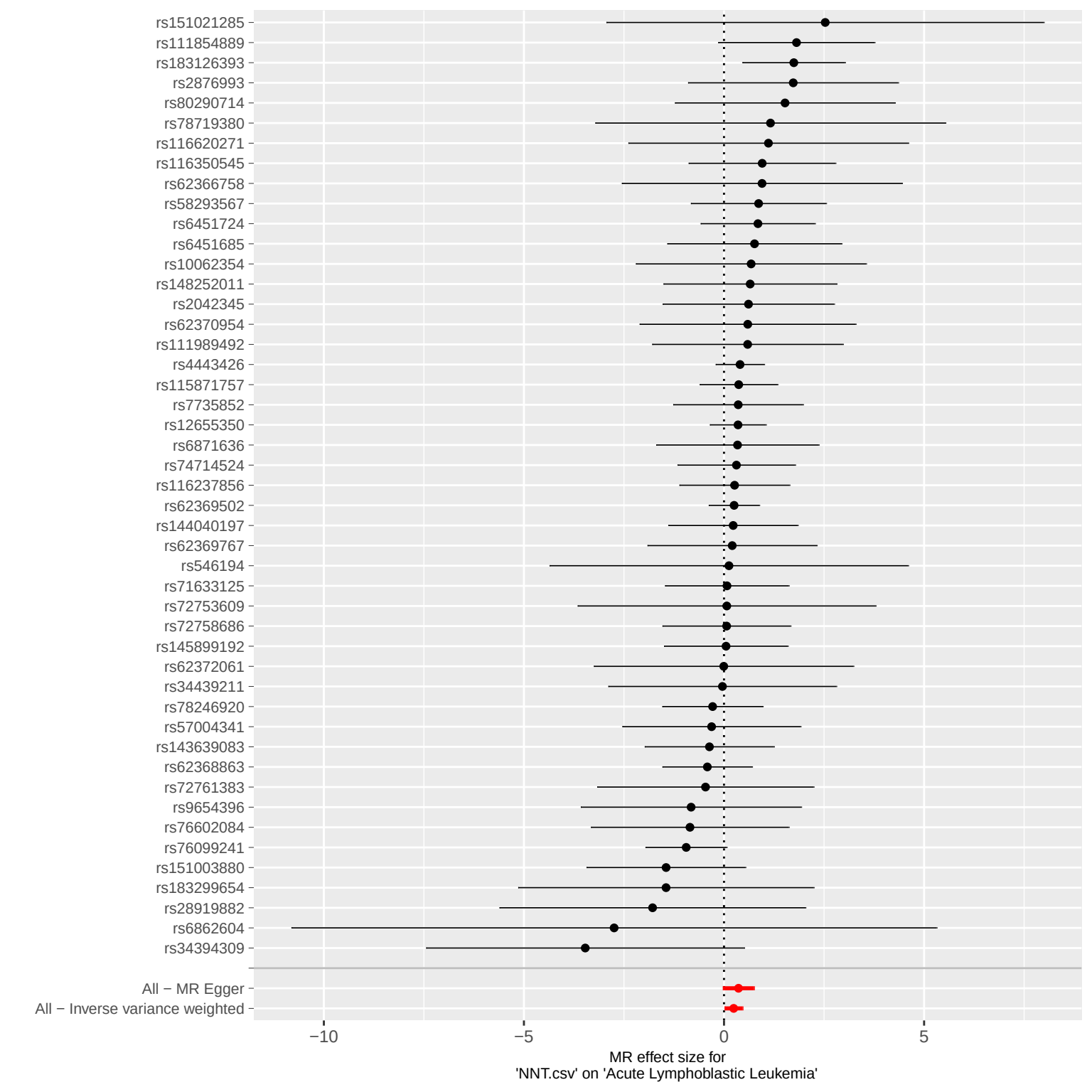
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rs28919882
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All − MR Egger
All − Inverse variance weighted
−10
−5
0
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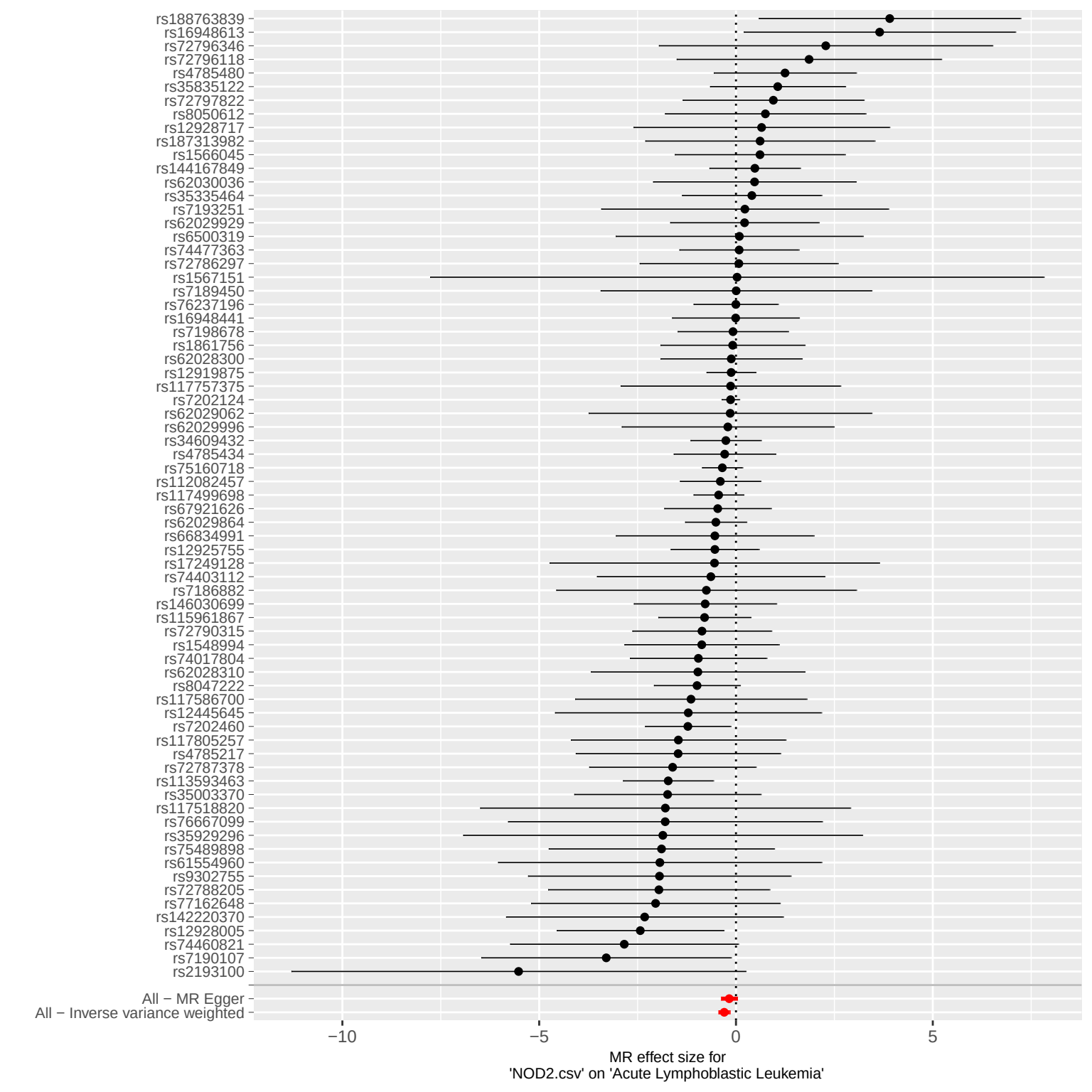
MR effect size for
'NNT.csv' on 'Acute Lymphoblastic Leukemia'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rs12928005
rs74460821
rs7190107
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All − MR Egger
All − Inverse variance weighted
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−5
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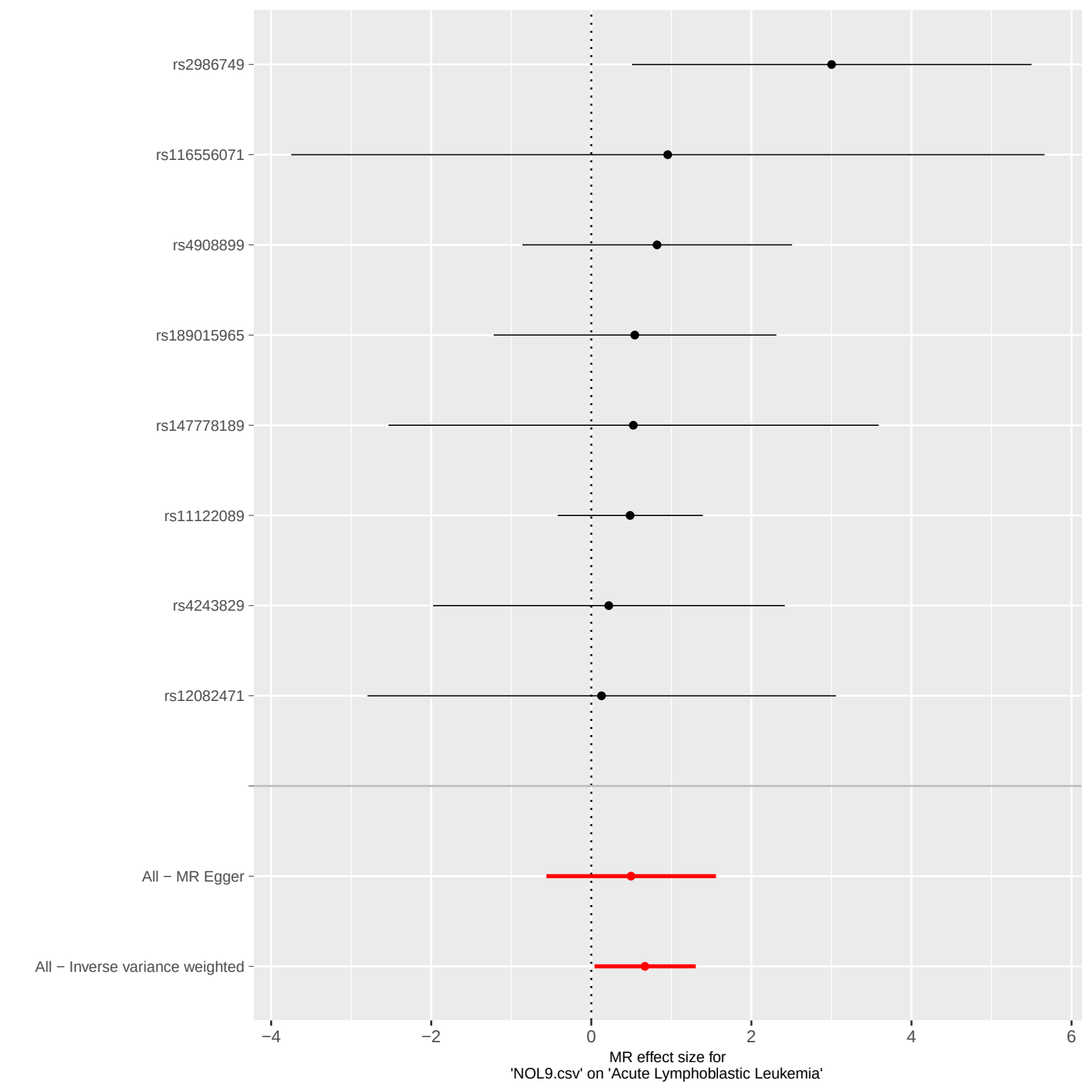
MR effect size for
'NOD2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−4
−2
0
2
4
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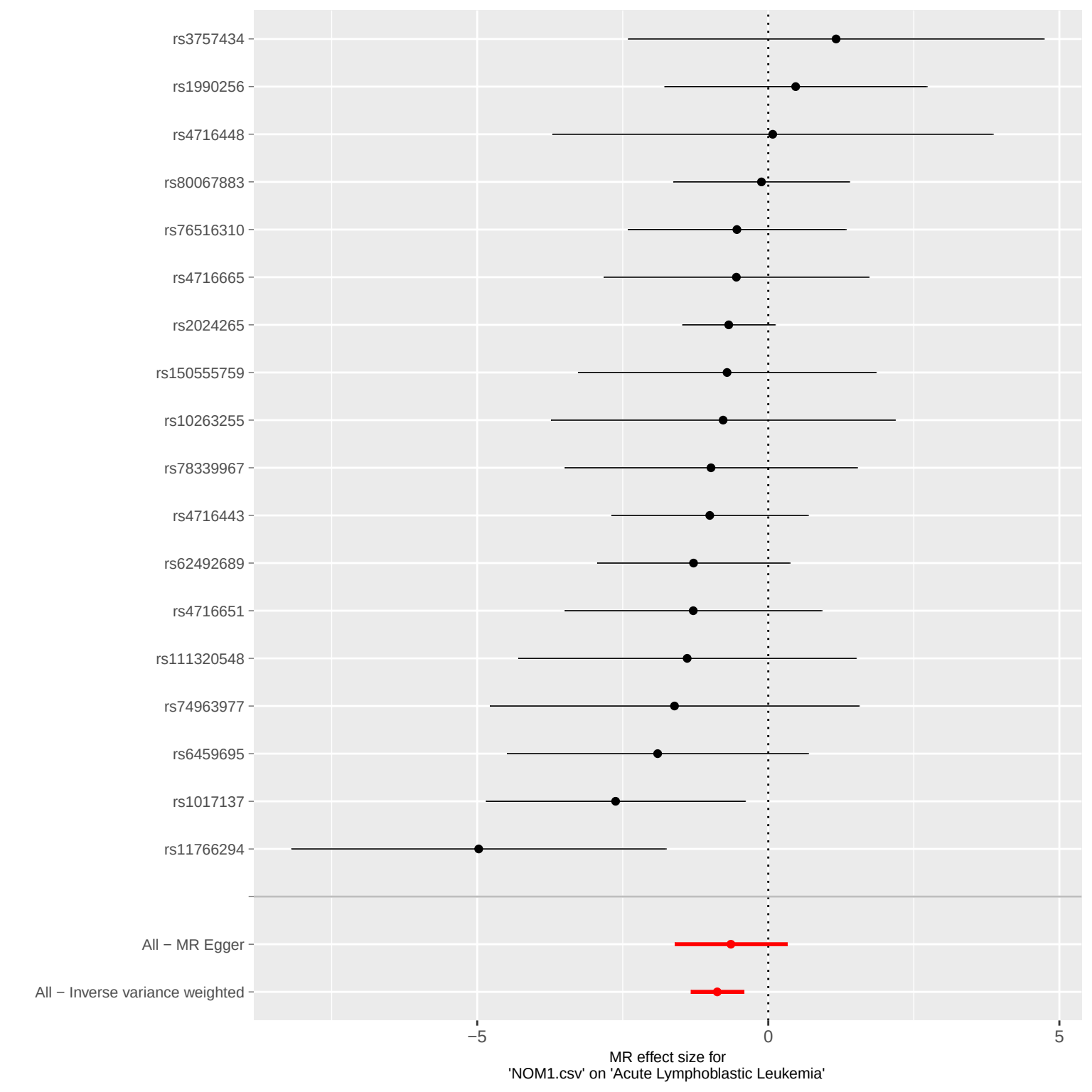
MR effect size for
'NOL9.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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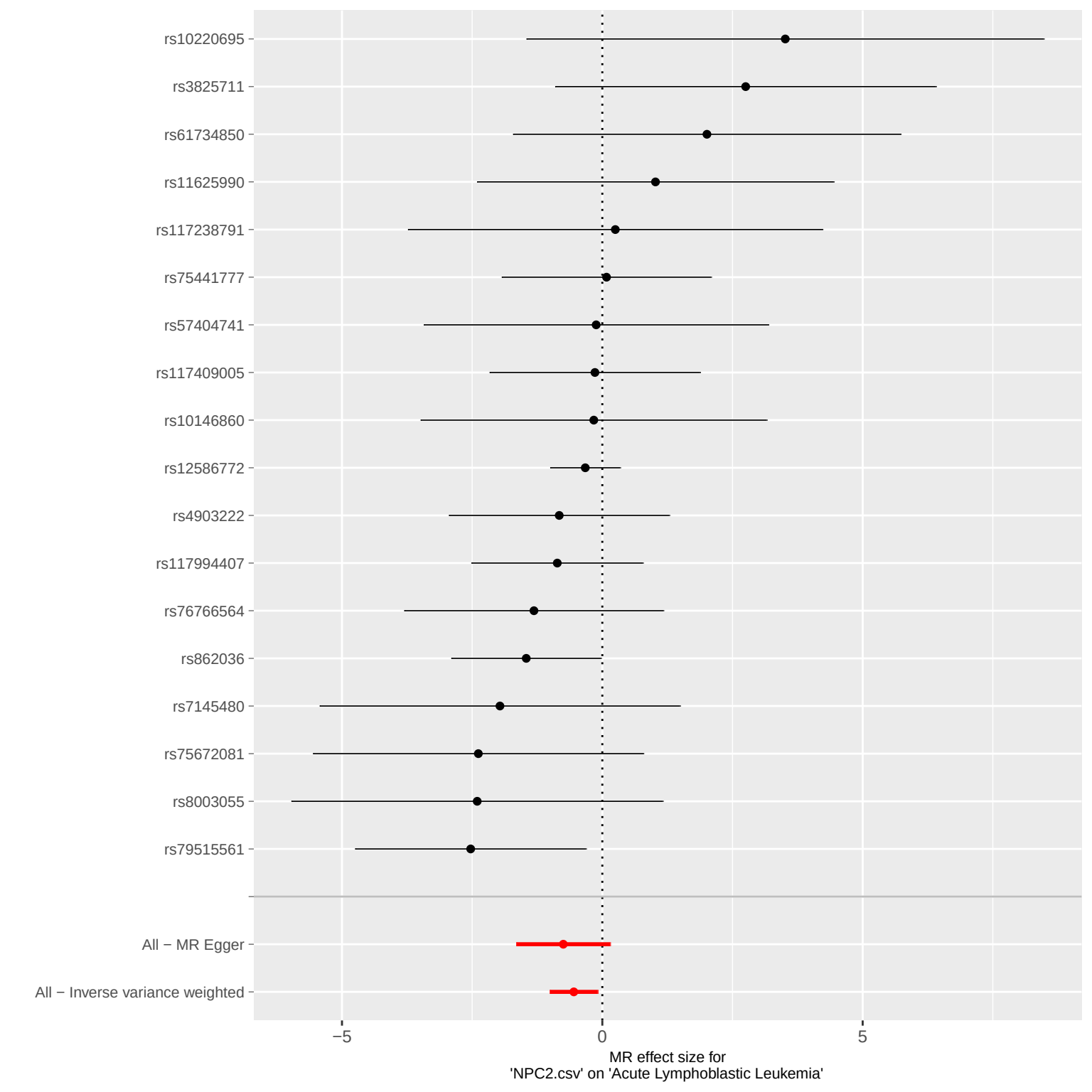
MR effect size for
'NOM1.csv' on 'Acute Lymphoblastic Leukemia'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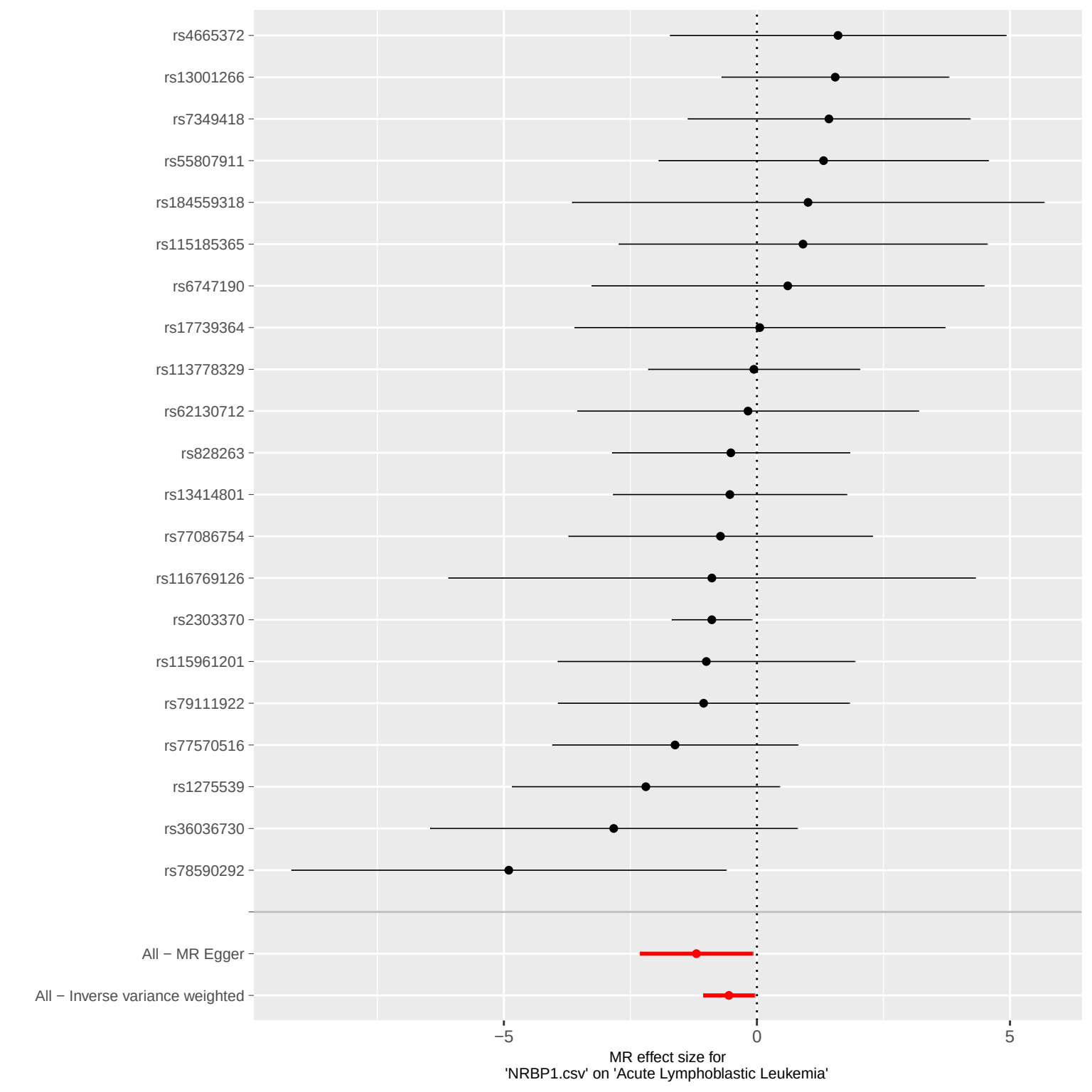
MR effect size for
'NPC2.csv' on 'Acute Lymphoblastic Leukemia'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rs115961201
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rs77570516
rs1275539
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All − MR Egger
All − Inverse variance weighted
−5
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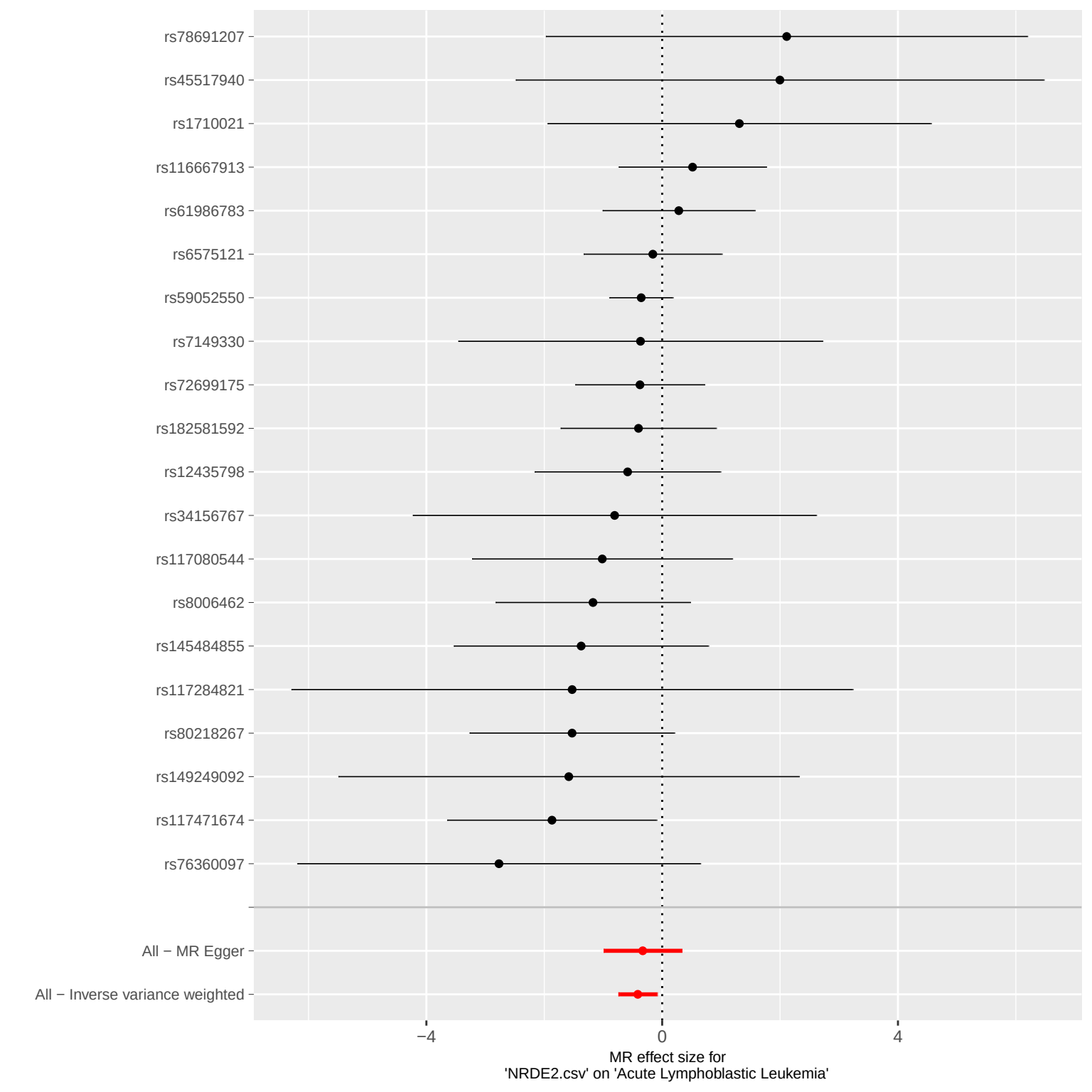
MR effect size for
'NRBP1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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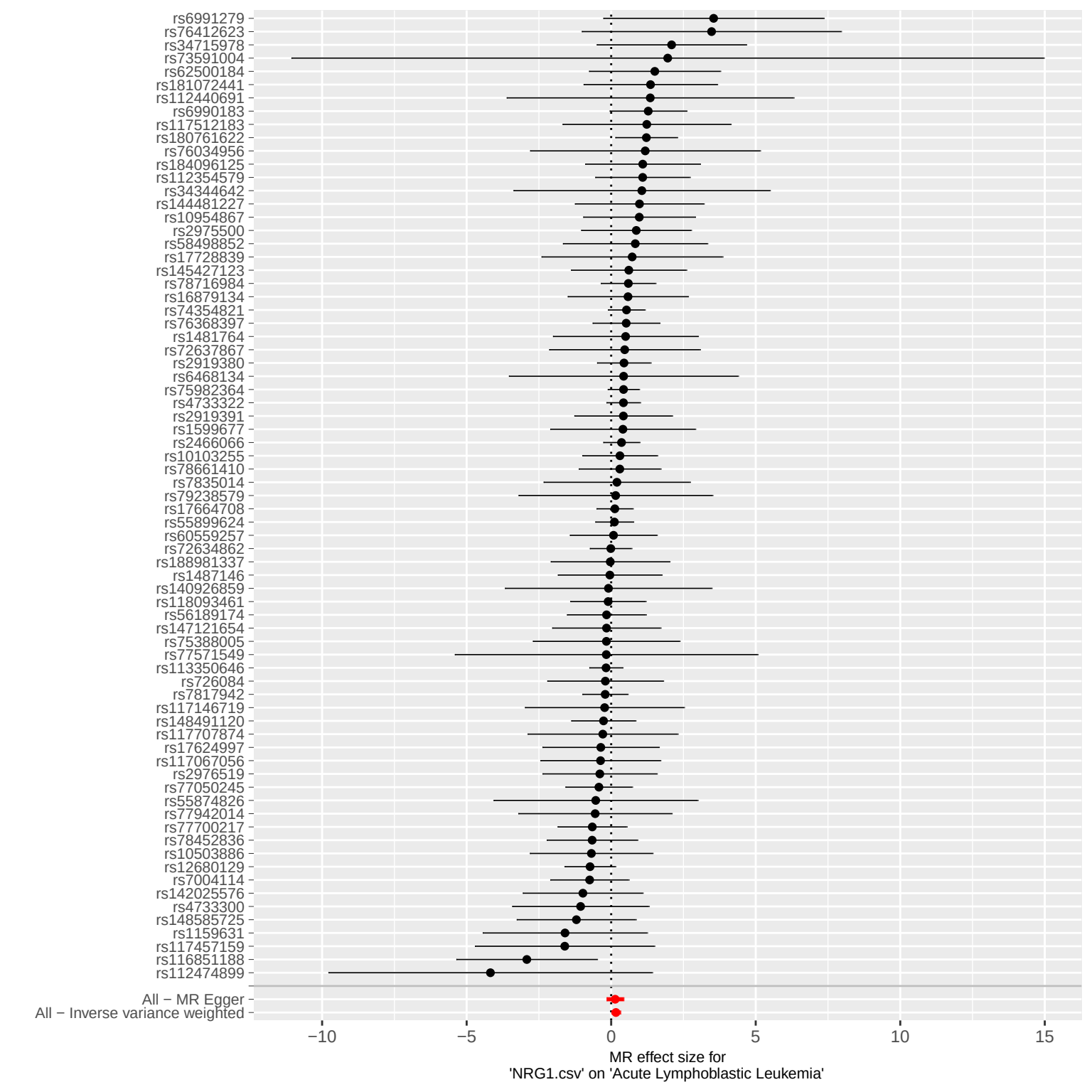
MR effect size for
'NRDE2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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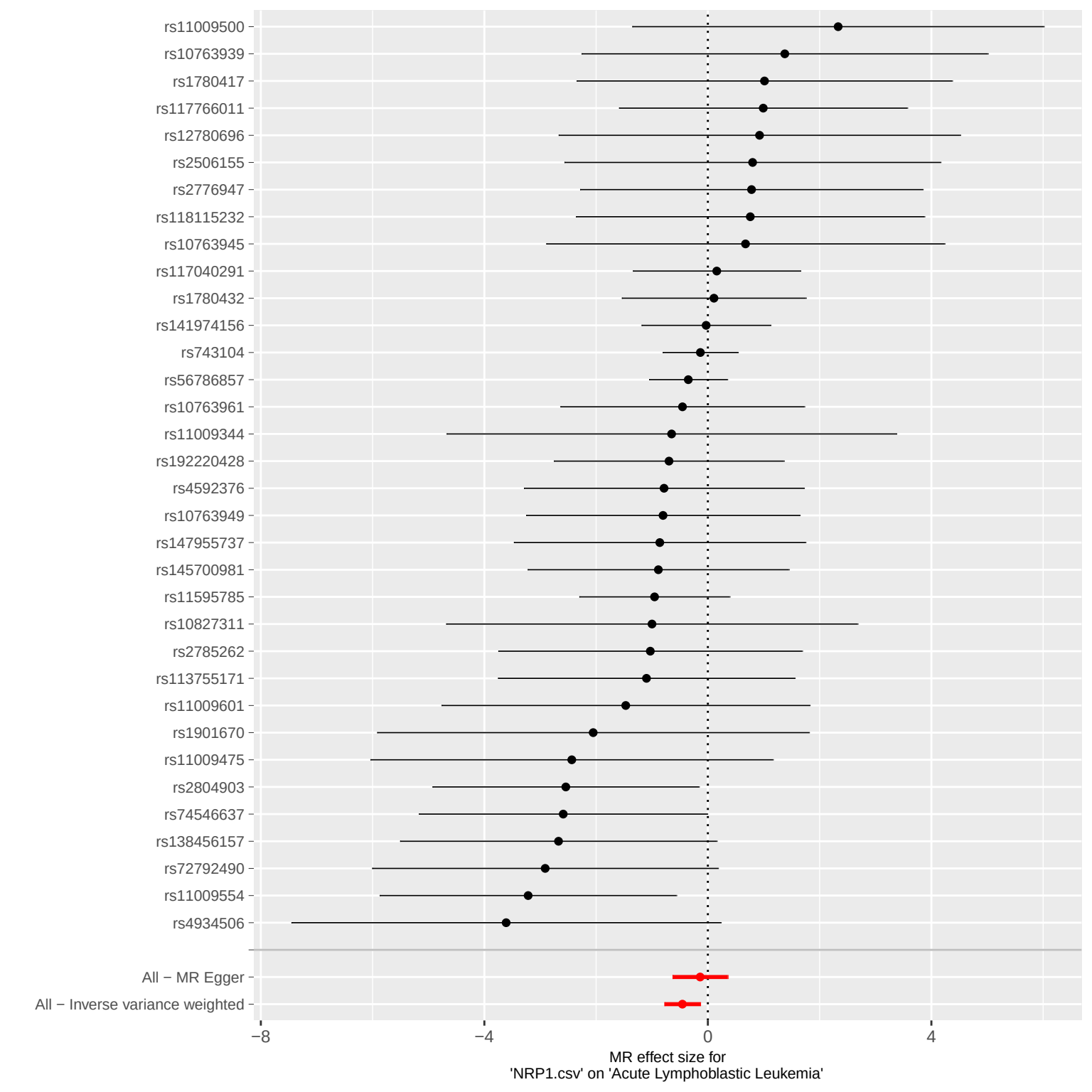
MR effect size for
'NRG1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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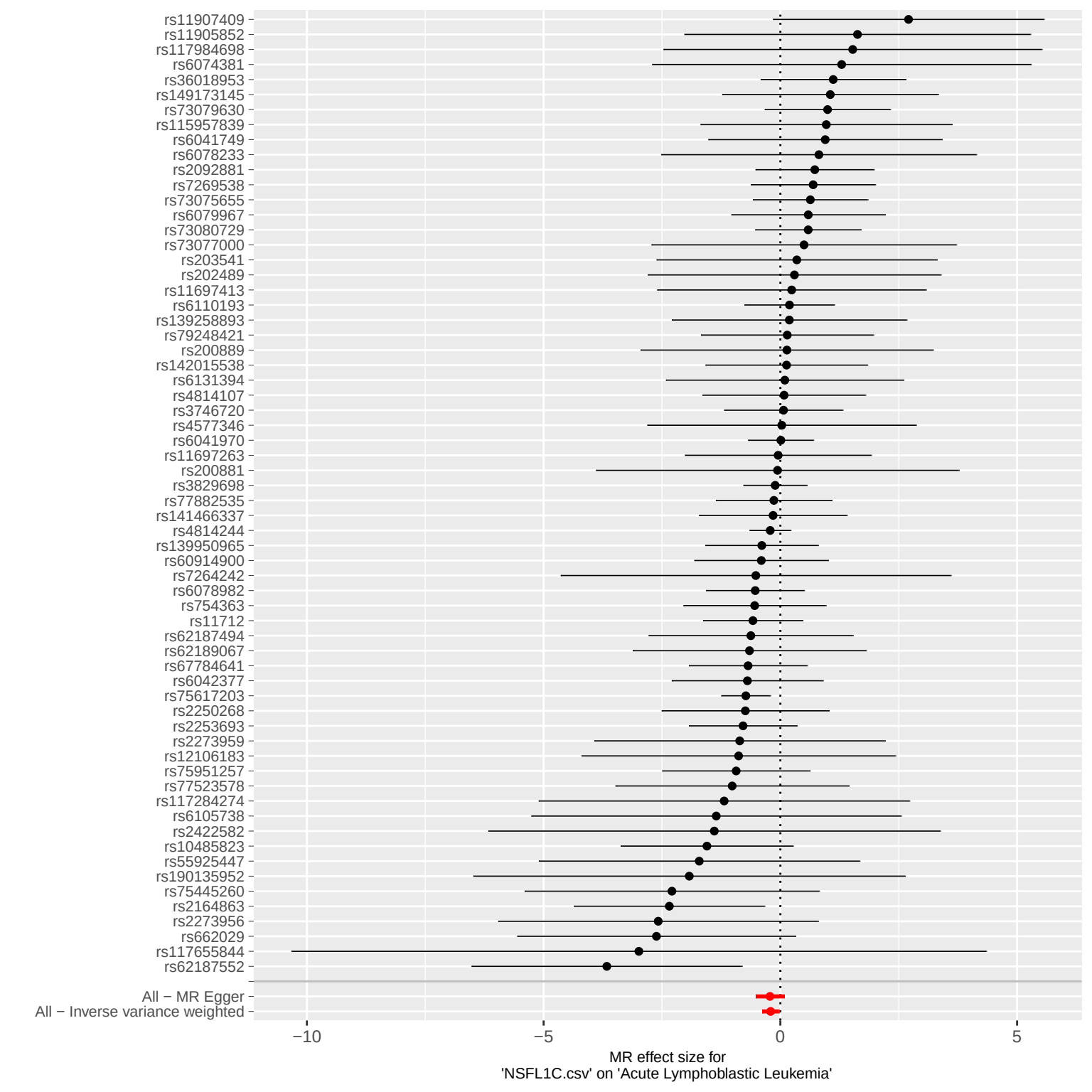
MR effect size for
'NRP1.csv' on 'Acute Lymphoblastic Leukemia'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rs75617203
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rs77523578
rs117284274
rs6105738
rs2422582
rs10485823
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rs2164863
rs2273956
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rs117655844
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All − MR Egger
All − Inverse variance weighted
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−5
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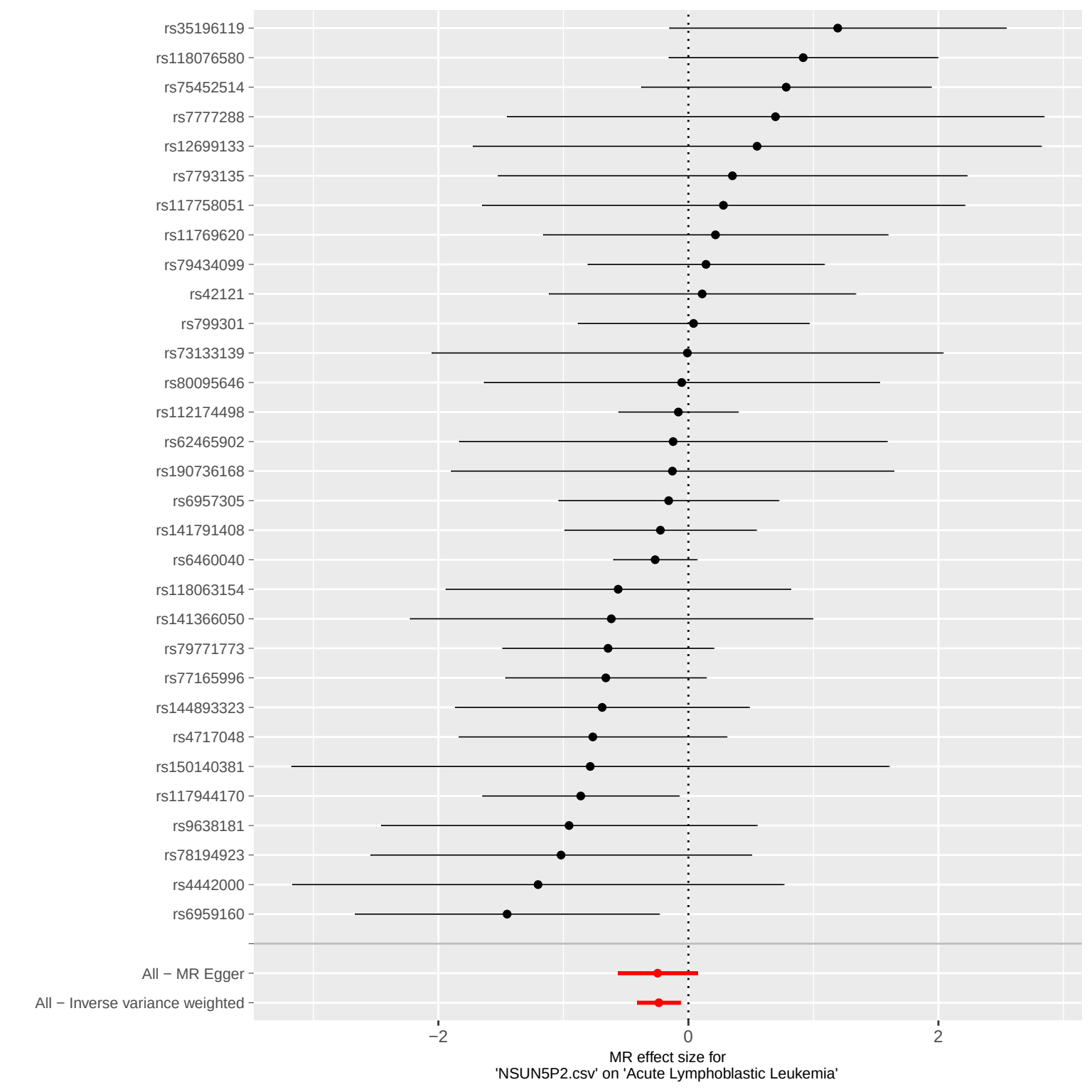
5
MR effect size for
'NSFL1C.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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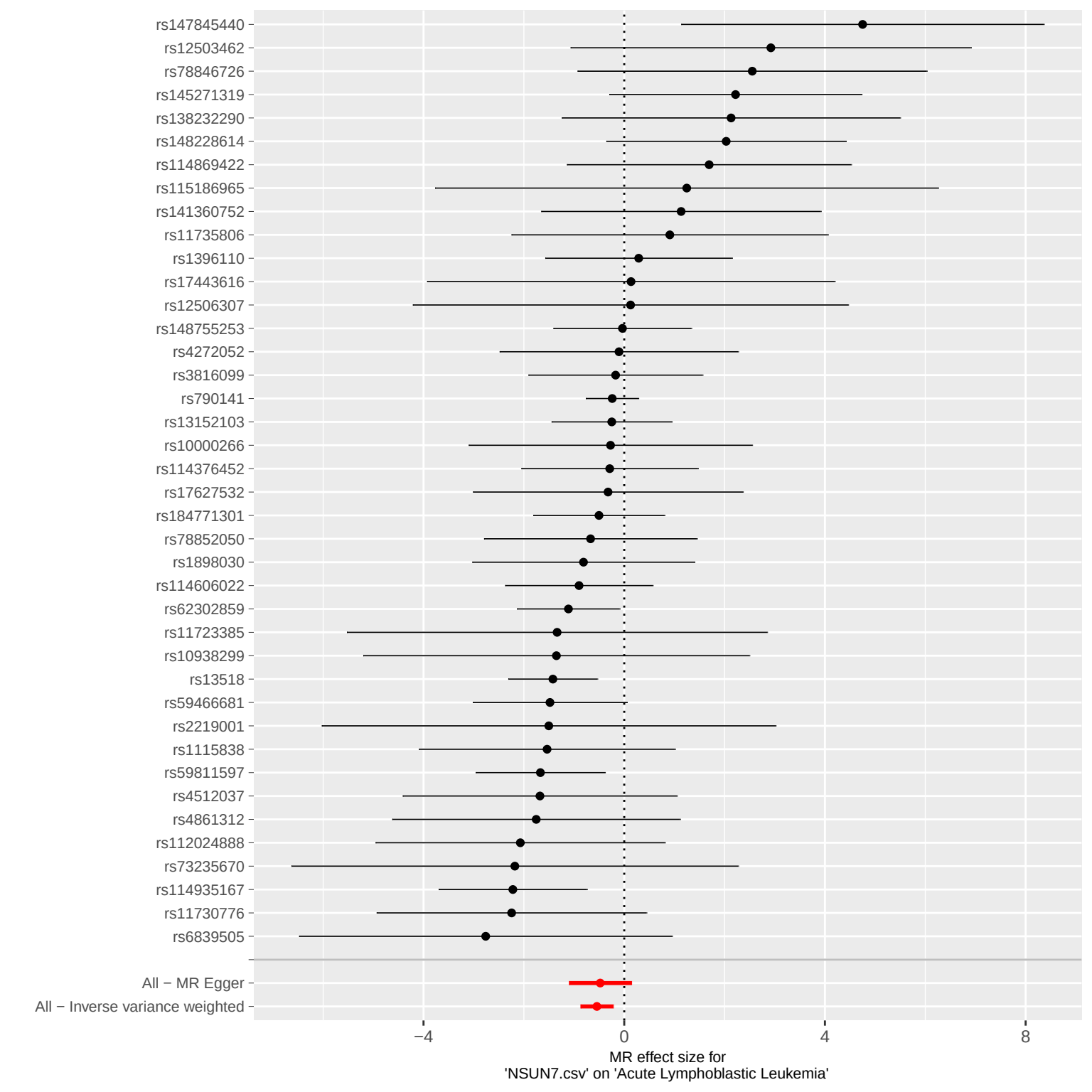
MR effect size for
'NSUN5P2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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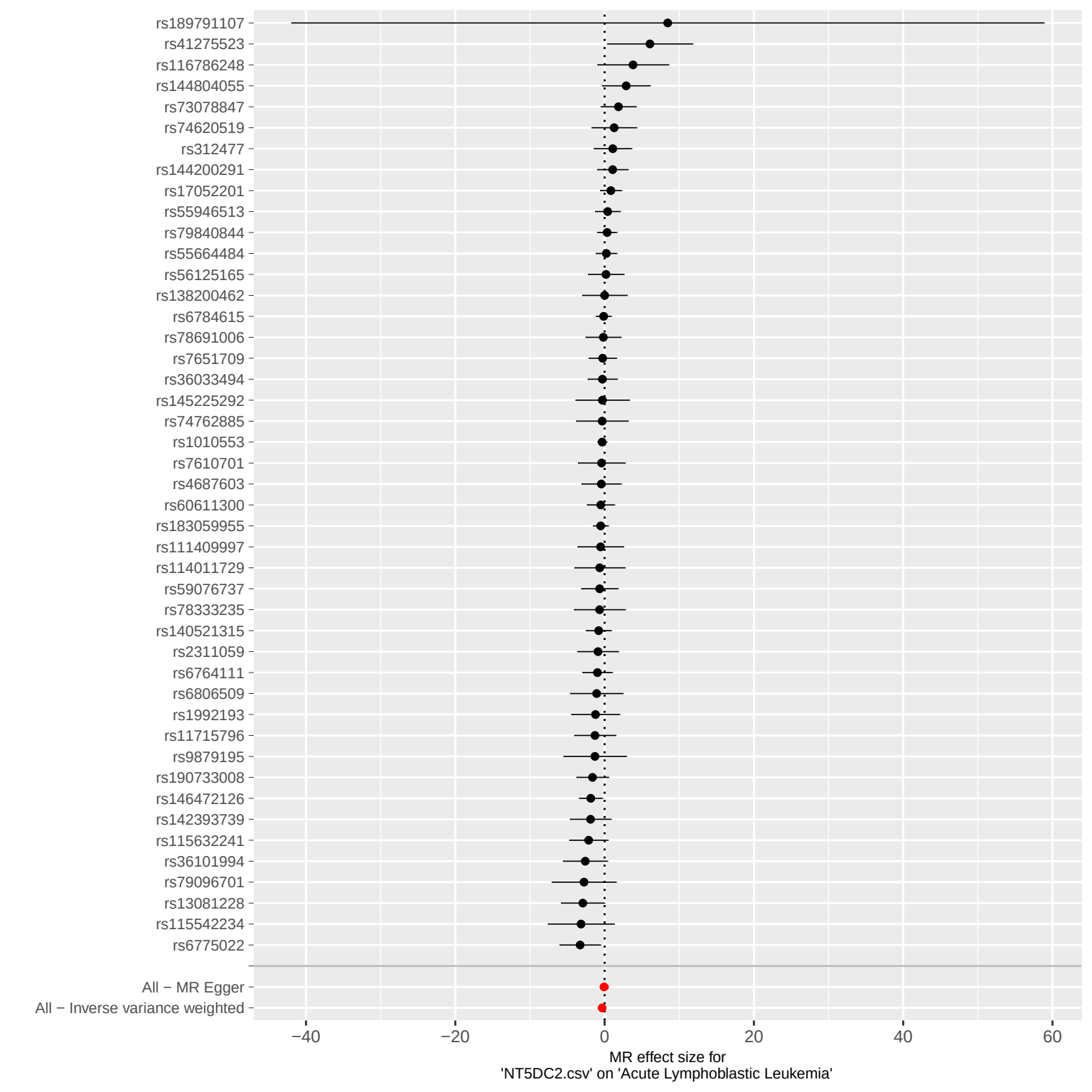
MR effect size for
'NSUN7.csv' on 'Acute Lymphoblastic Leukemia'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rs115542234
rs6775022
All − MR Egger
All − Inverse variance weighted
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−20
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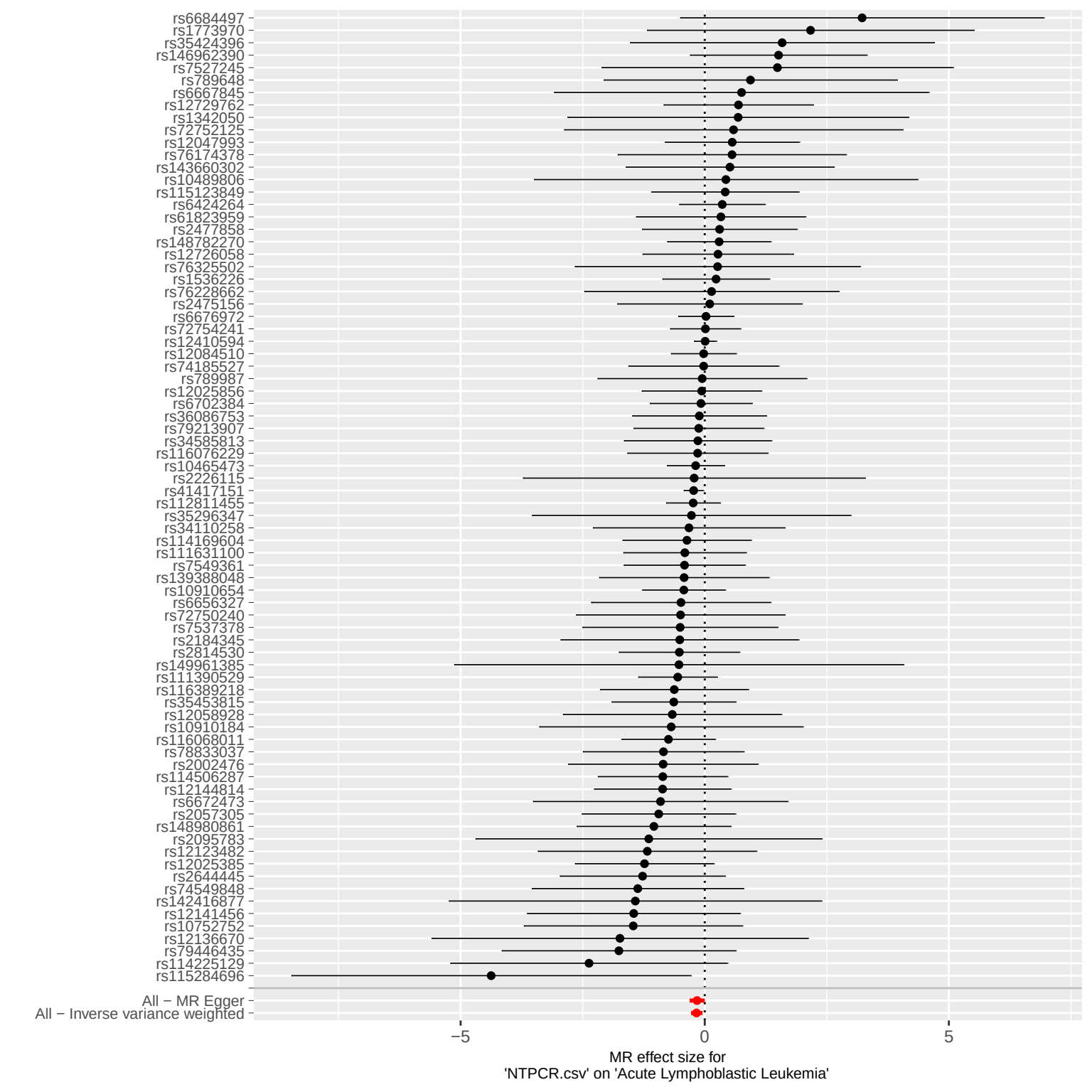
20
40
60
MR effect size for
'NT5DC2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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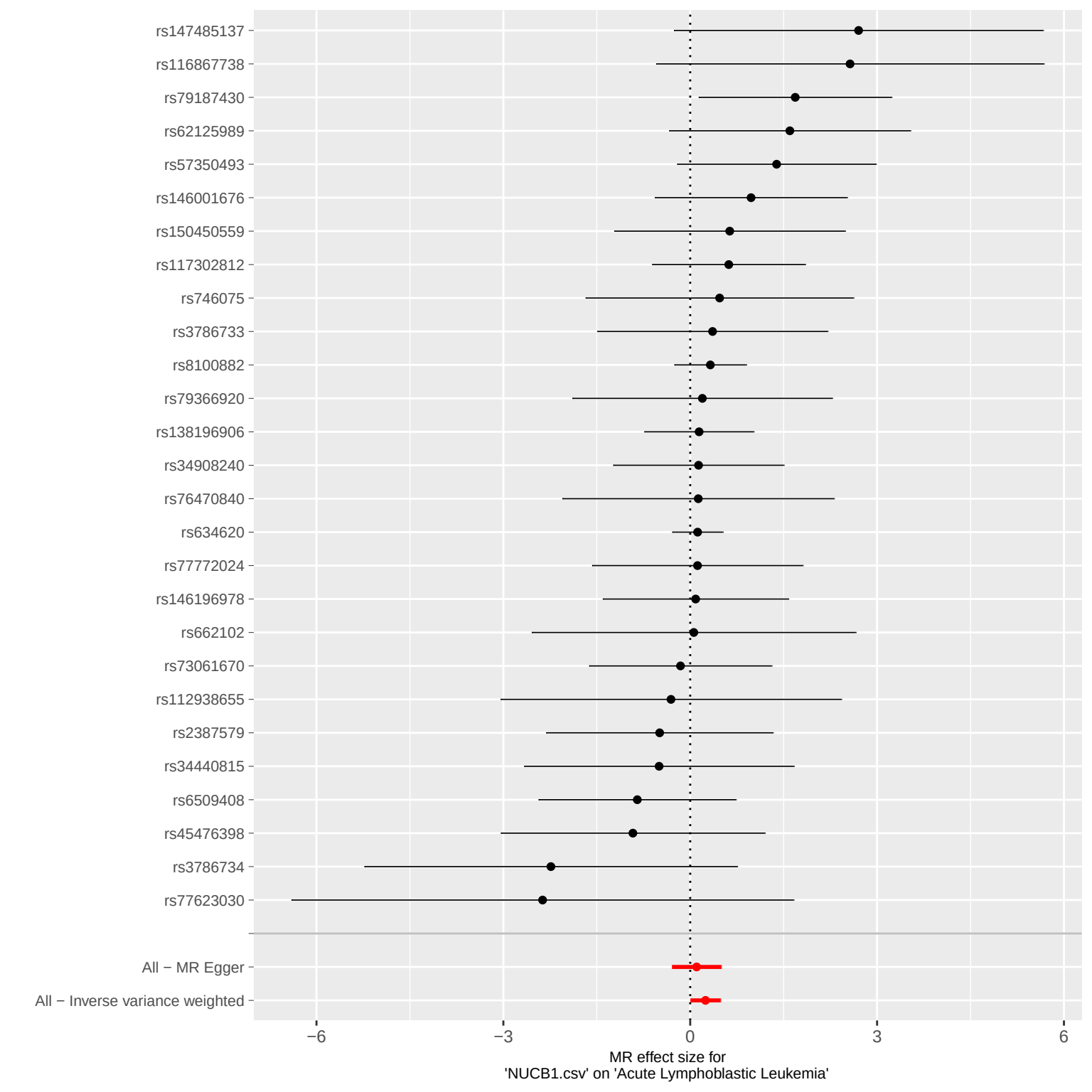
5
MR effect size for
'NTPCR.csv' on 'Acute Lymphoblastic Leukemia'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rs662102
rs73061670
rs112938655
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rs6509408
rs45476398
rs3786734
rs77623030
All − MR Egger
All − Inverse variance weighted
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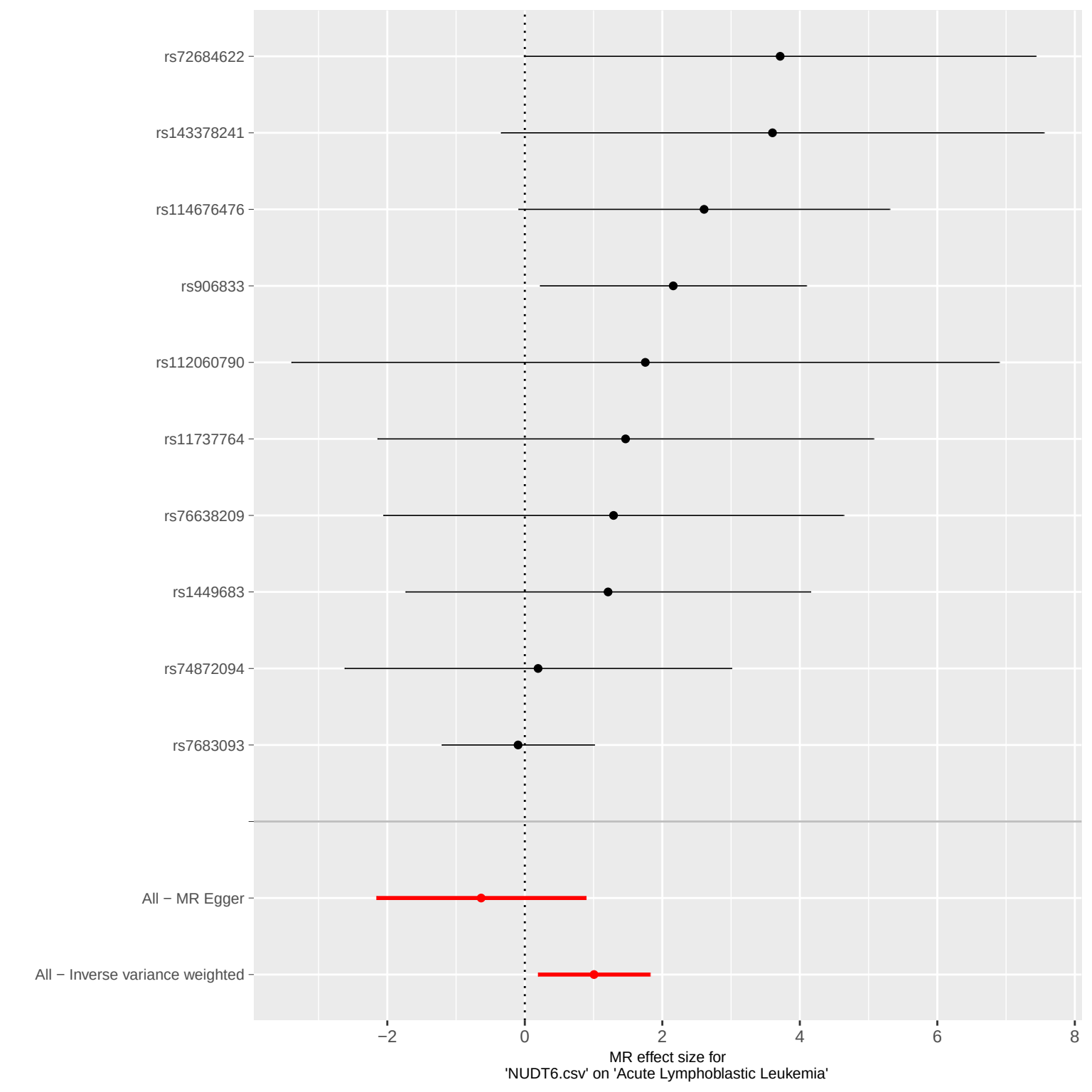
−3
0
3
6
MR effect size for
'NUCB1.csv' on 'Acute Lymphoblastic Leukemia'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rs74872094
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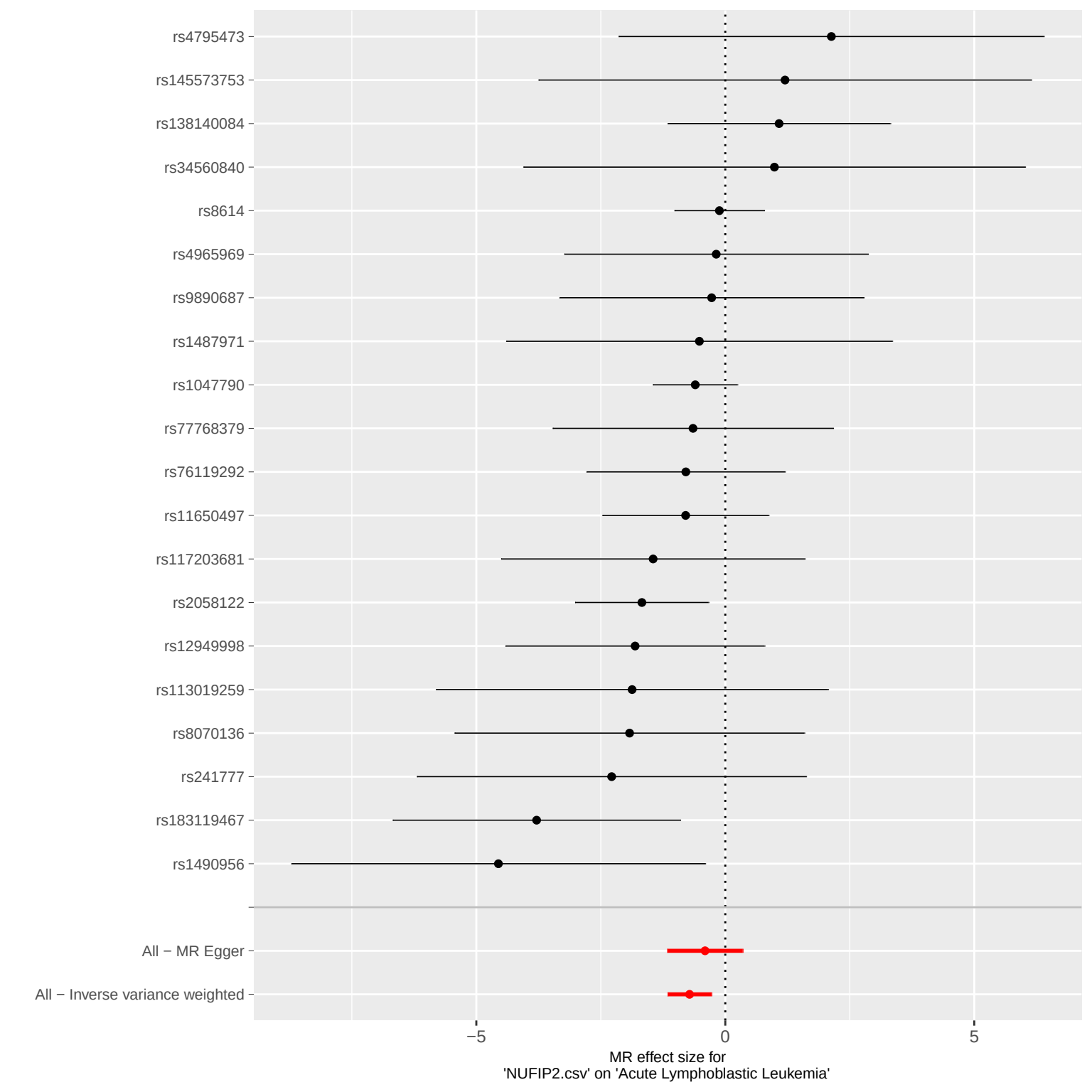
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
8
MR effect size for
'NUDT6.csv' on 'Acute Lymphoblastic Leukemia'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rs11650497
rs117203681
rs2058122
rs12949998
rs113019259
rs8070136
rs241777
rs183119467
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All − MR Egger
All − Inverse variance weighted
−5
0
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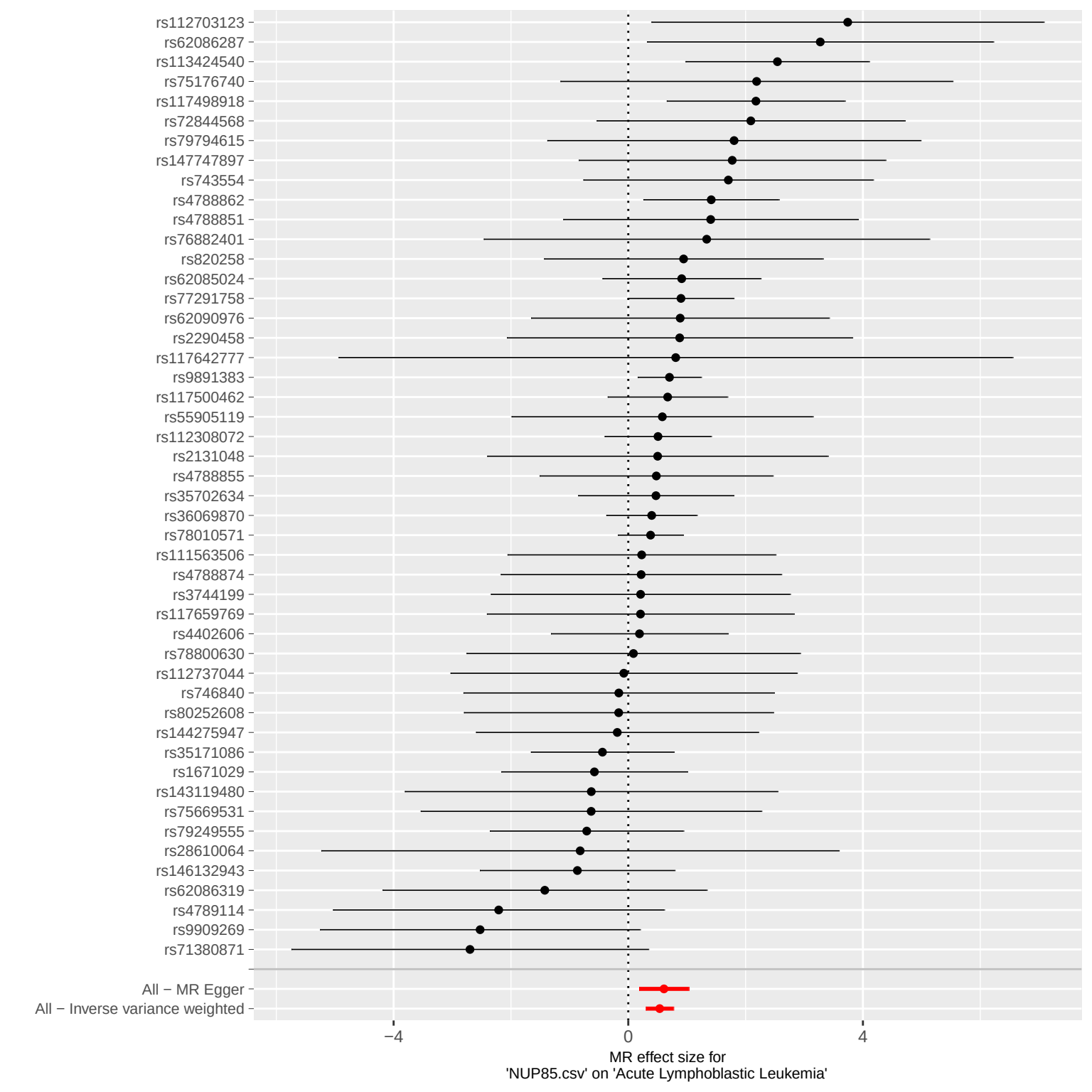
MR effect size for
'NUFIP2.csv' on 'Acute Lymphoblastic Leukemia'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rs75669531
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rs146132943
rs62086319
rs4789114
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All − Inverse variance weighted
−4
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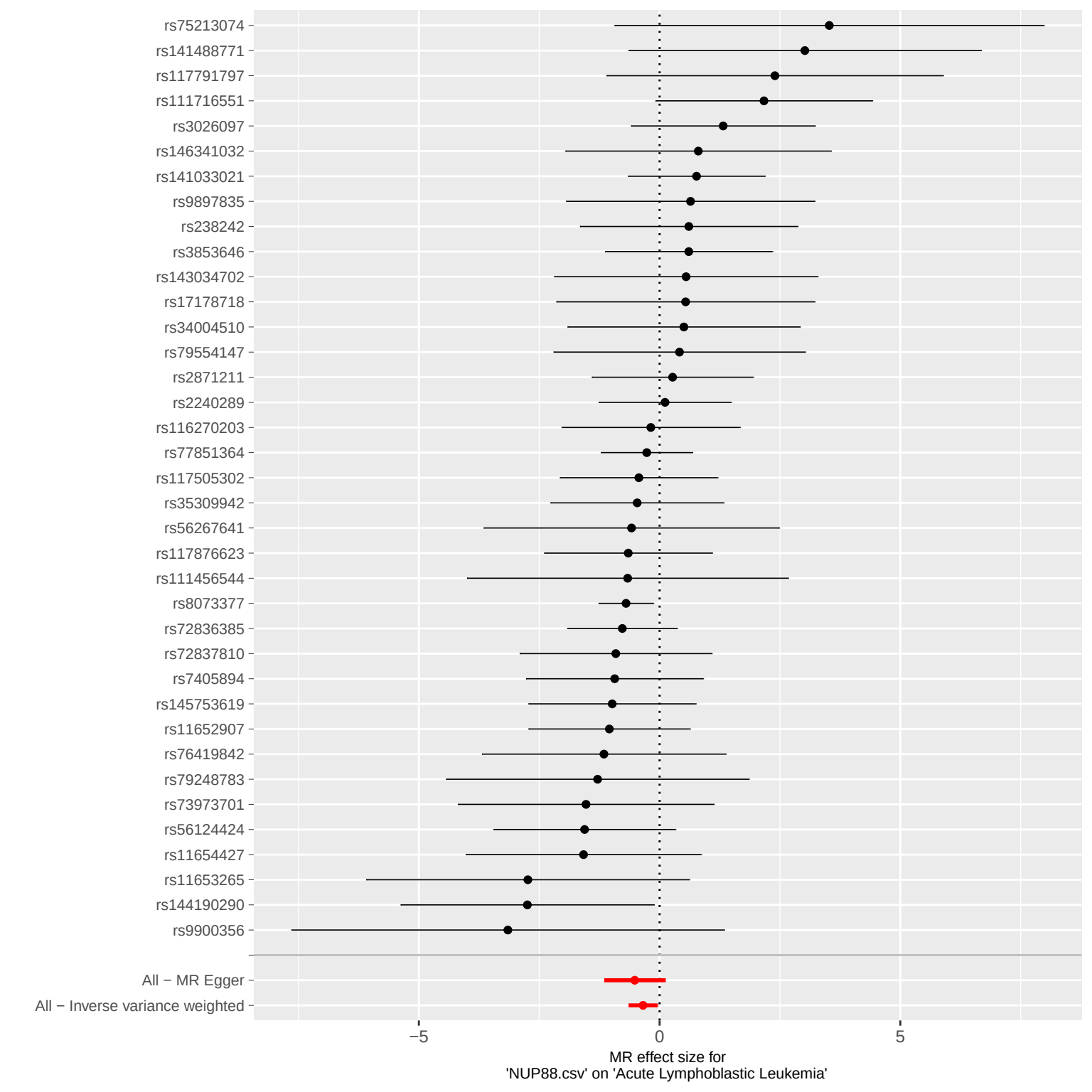
4
MR effect size for
'NUP85.csv' on 'Acute Lymphoblastic Leukemia'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rs145753619
rs11652907
rs76419842
rs79248783
rs73973701
rs56124424
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All − MR Egger
All − Inverse variance weighted
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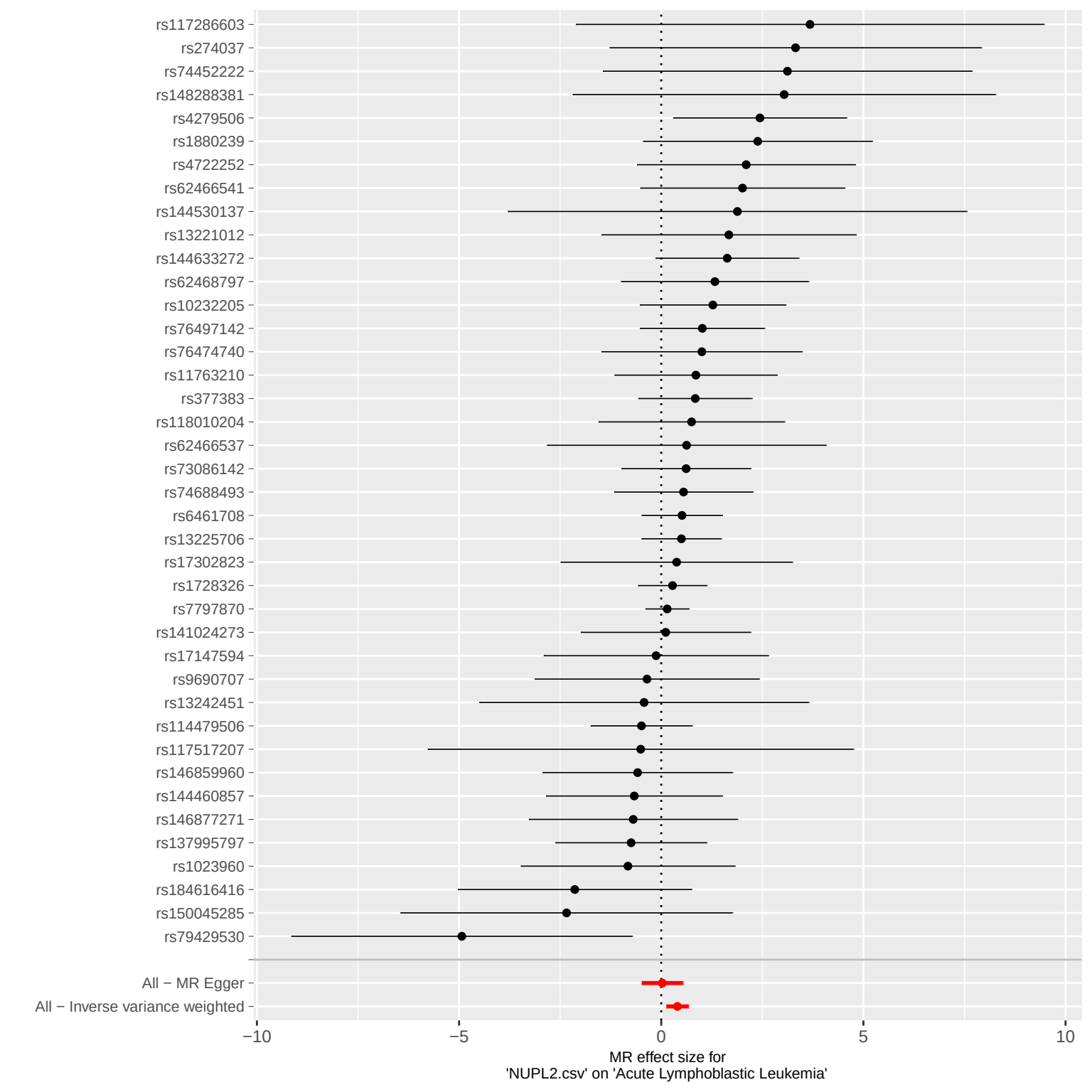
MR effect size for
'NUP88.csv' on 'Acute Lymphoblastic Leukemia'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rs117517207
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All − MR Egger
All − Inverse variance weighted
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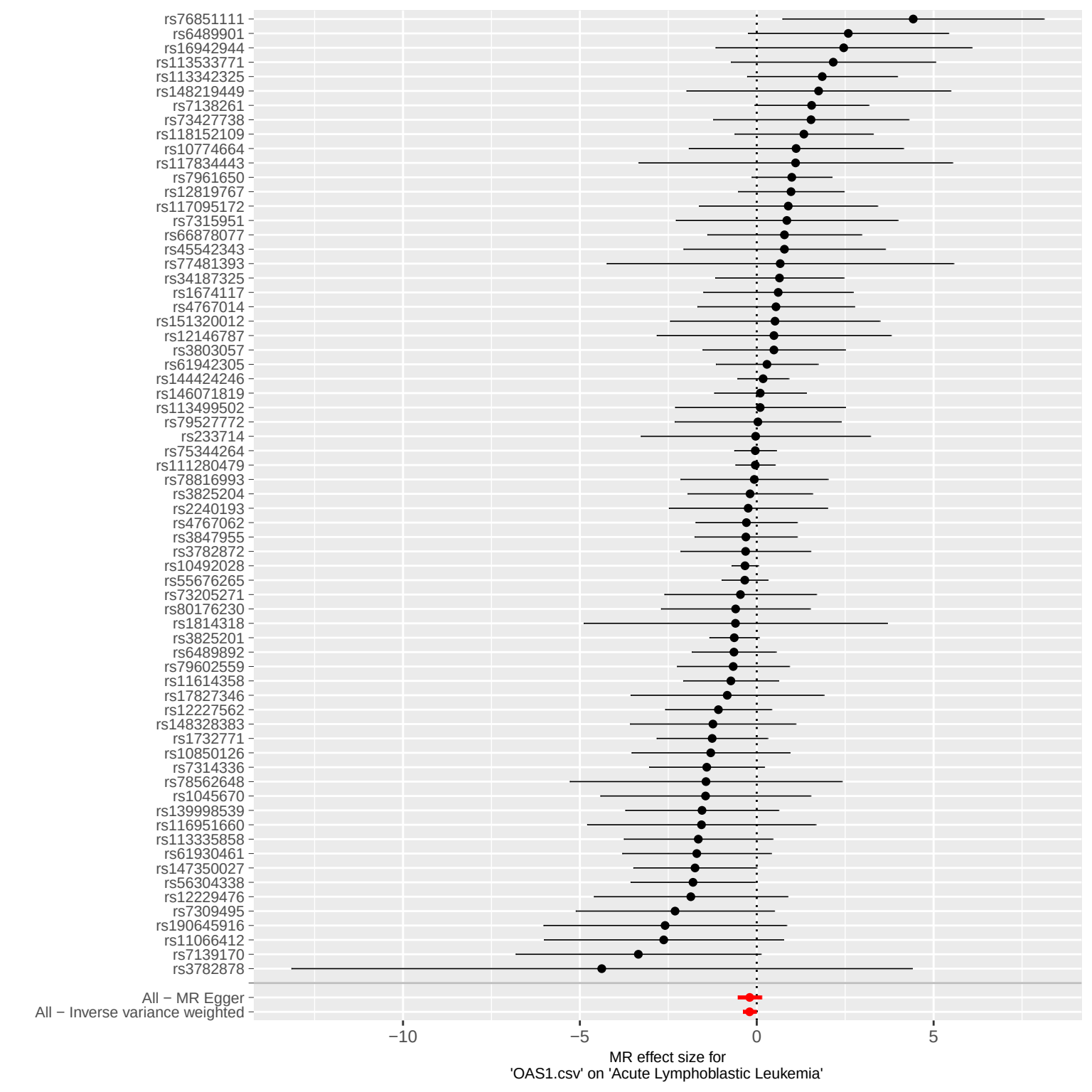
MR effect size for
'NUPL2.csv' on 'Acute Lymphoblastic Leukemia'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rs1732771
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rs116951660
rs113335858
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rs147350027
rs56304338
rs12229476
rs7309495
rs190645916
rs11066412
rs7139170
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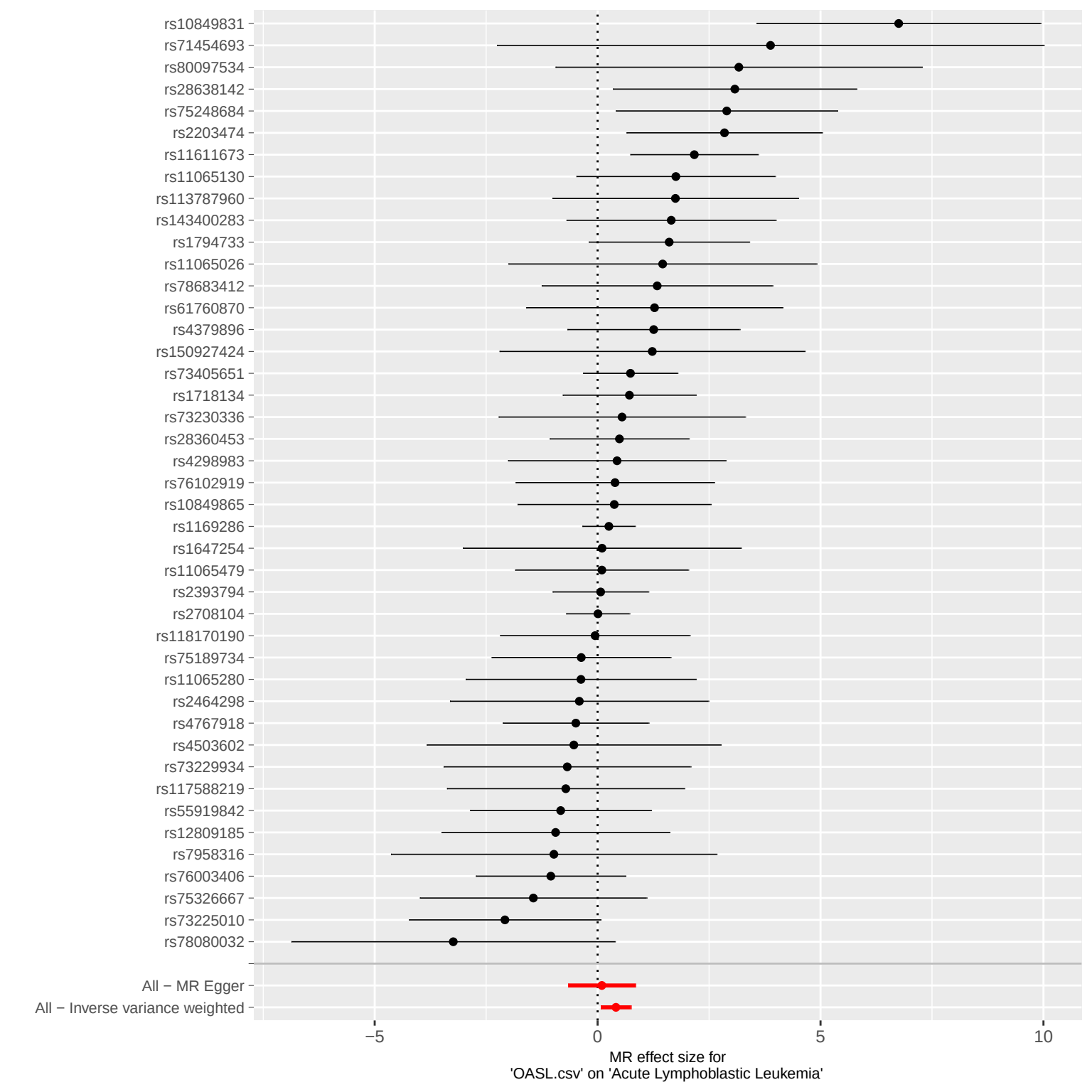
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'OAS1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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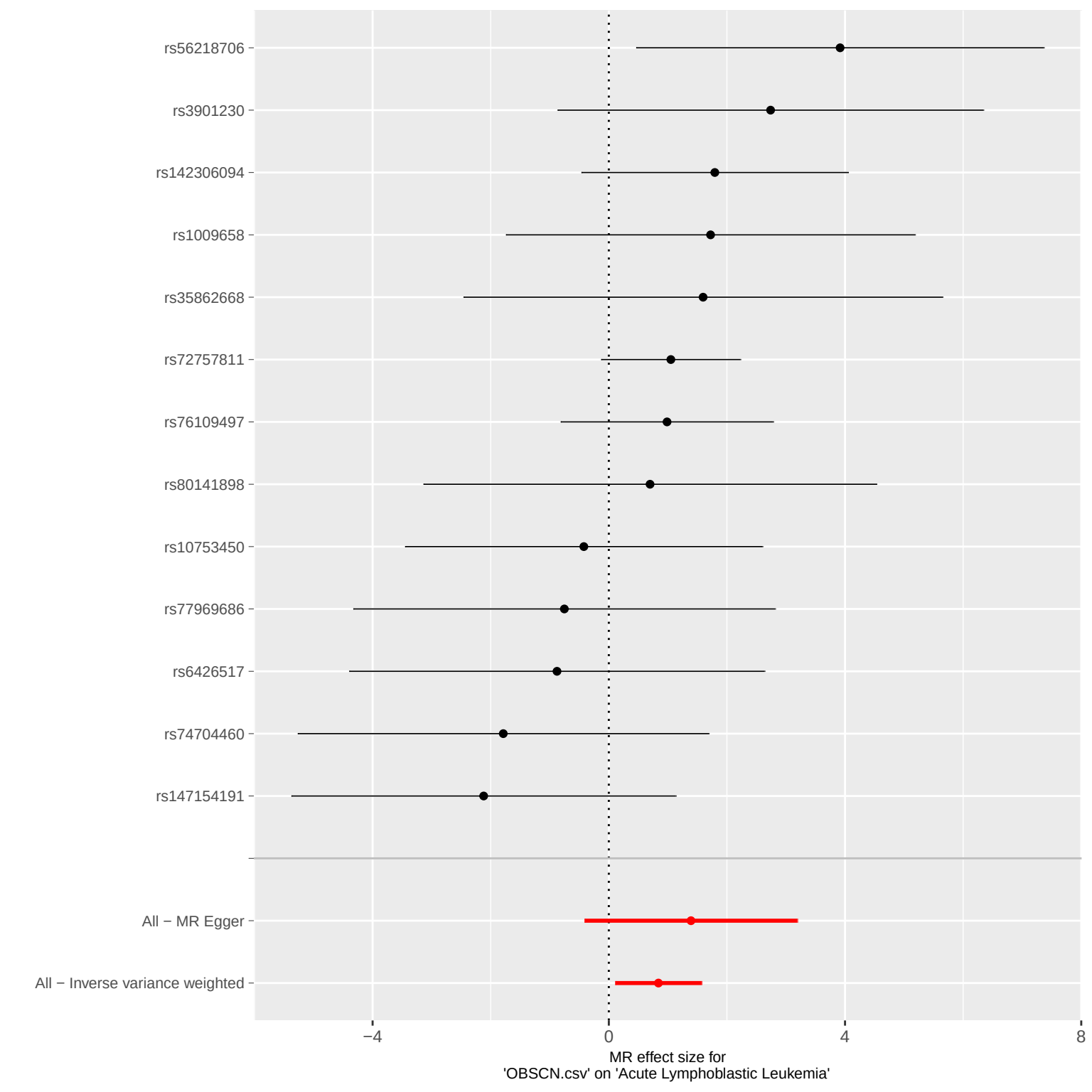
10
MR effect size for
'OASL.csv' on 'Acute Lymphoblastic Leukemia'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rs6426517
rs74704460
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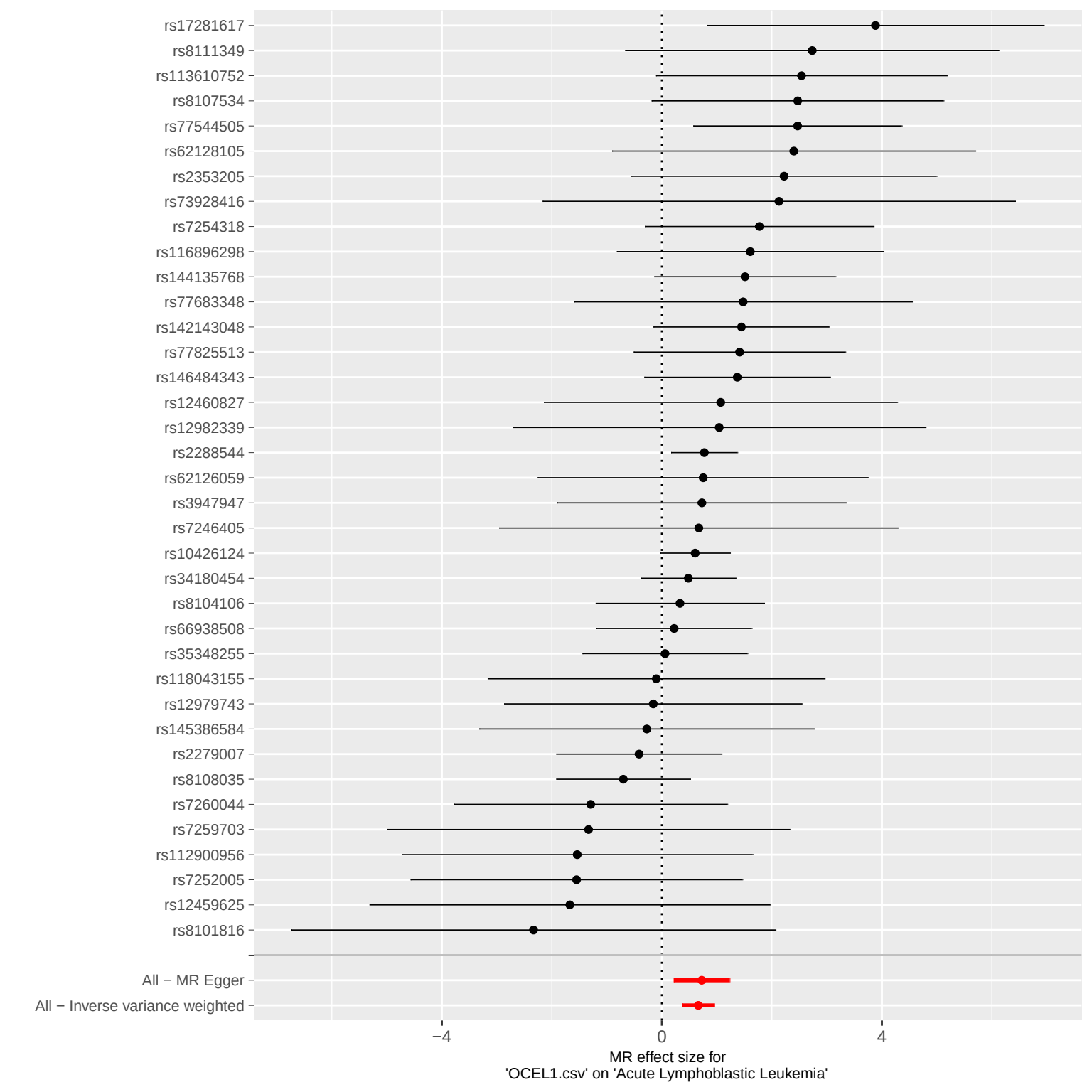
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'OBSCN.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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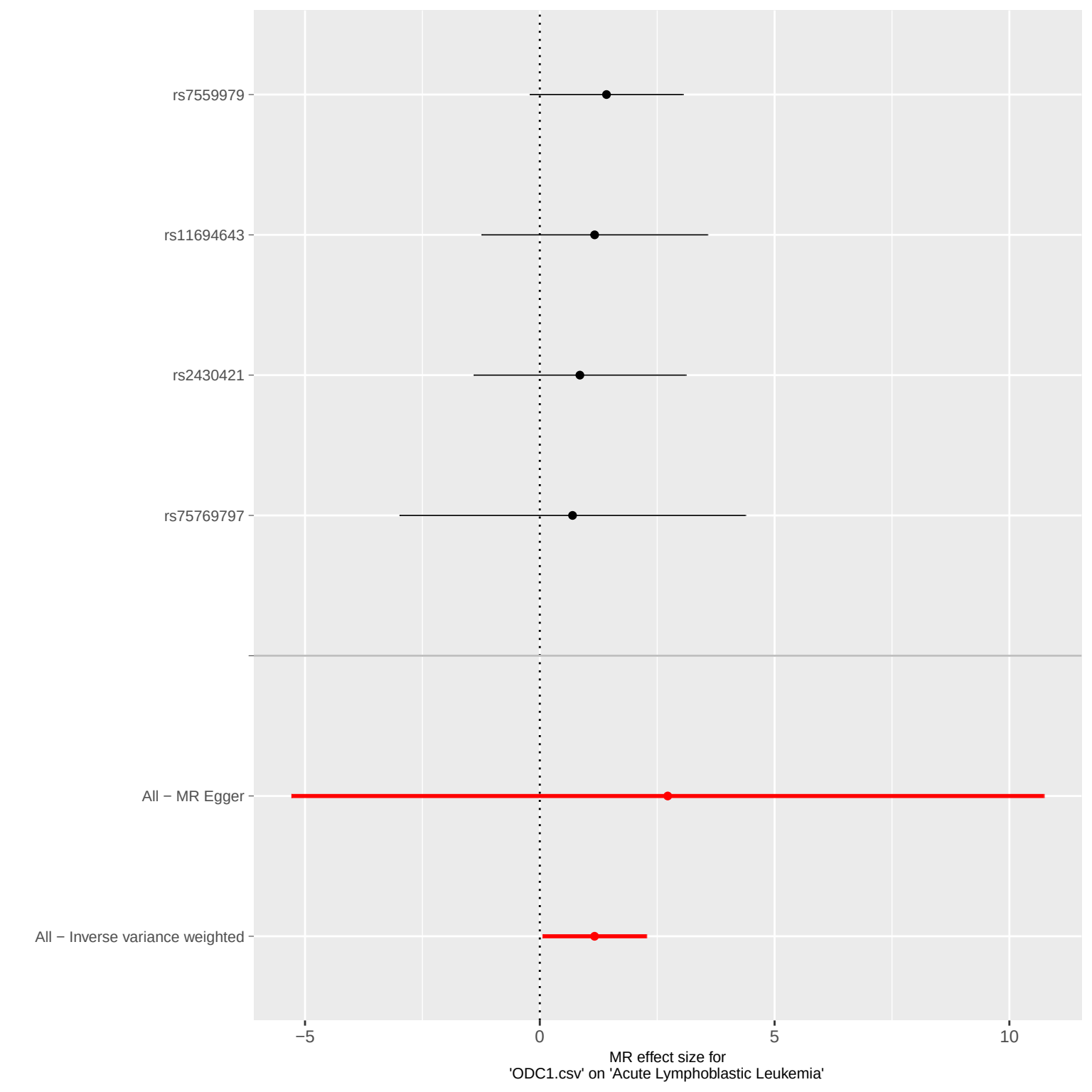
MR effect size for
'OCEL1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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5
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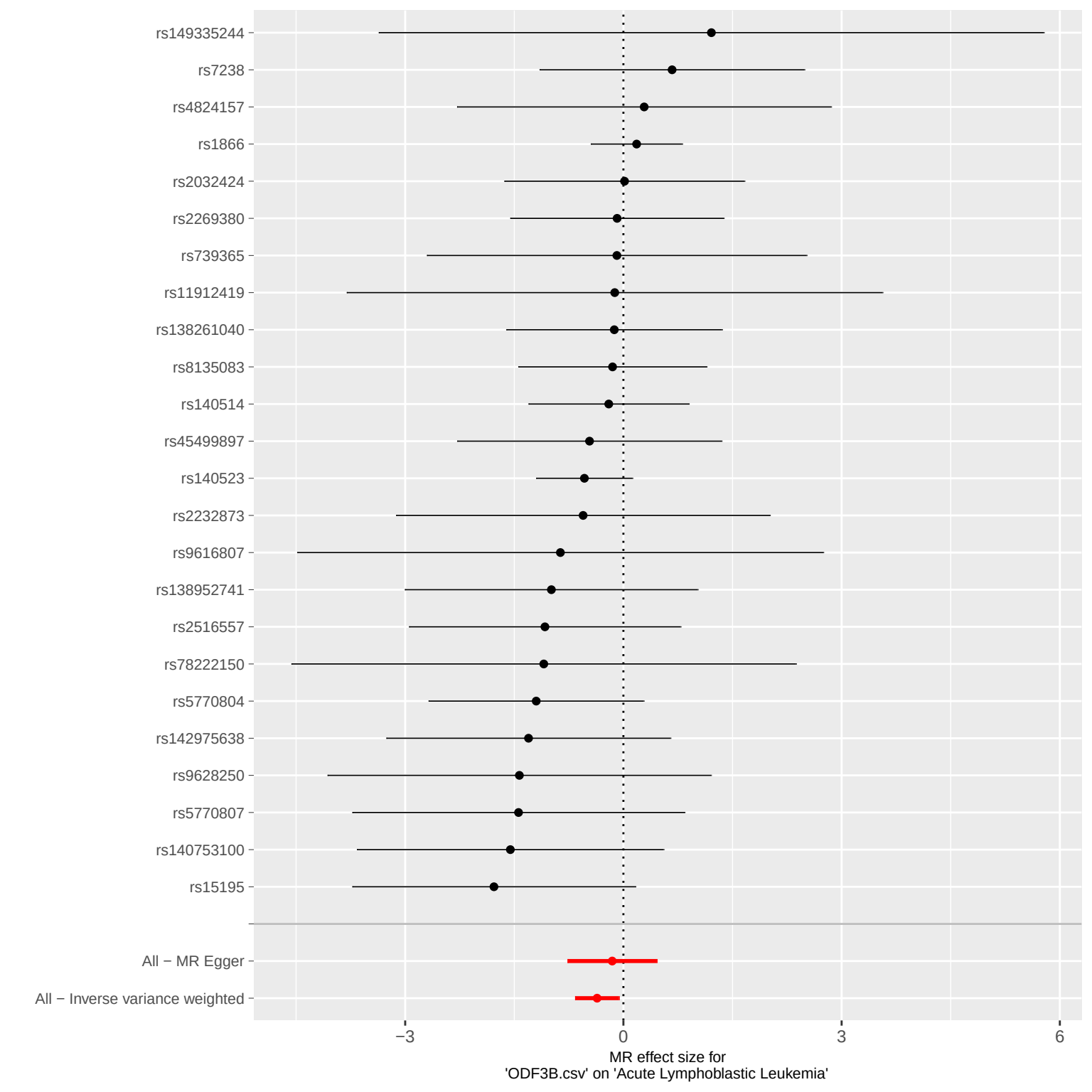
MR effect size for
'ODC1.csv' on 'Acute Lymphoblastic Leukemia'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rs78222150
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All − Inverse variance weighted
−3
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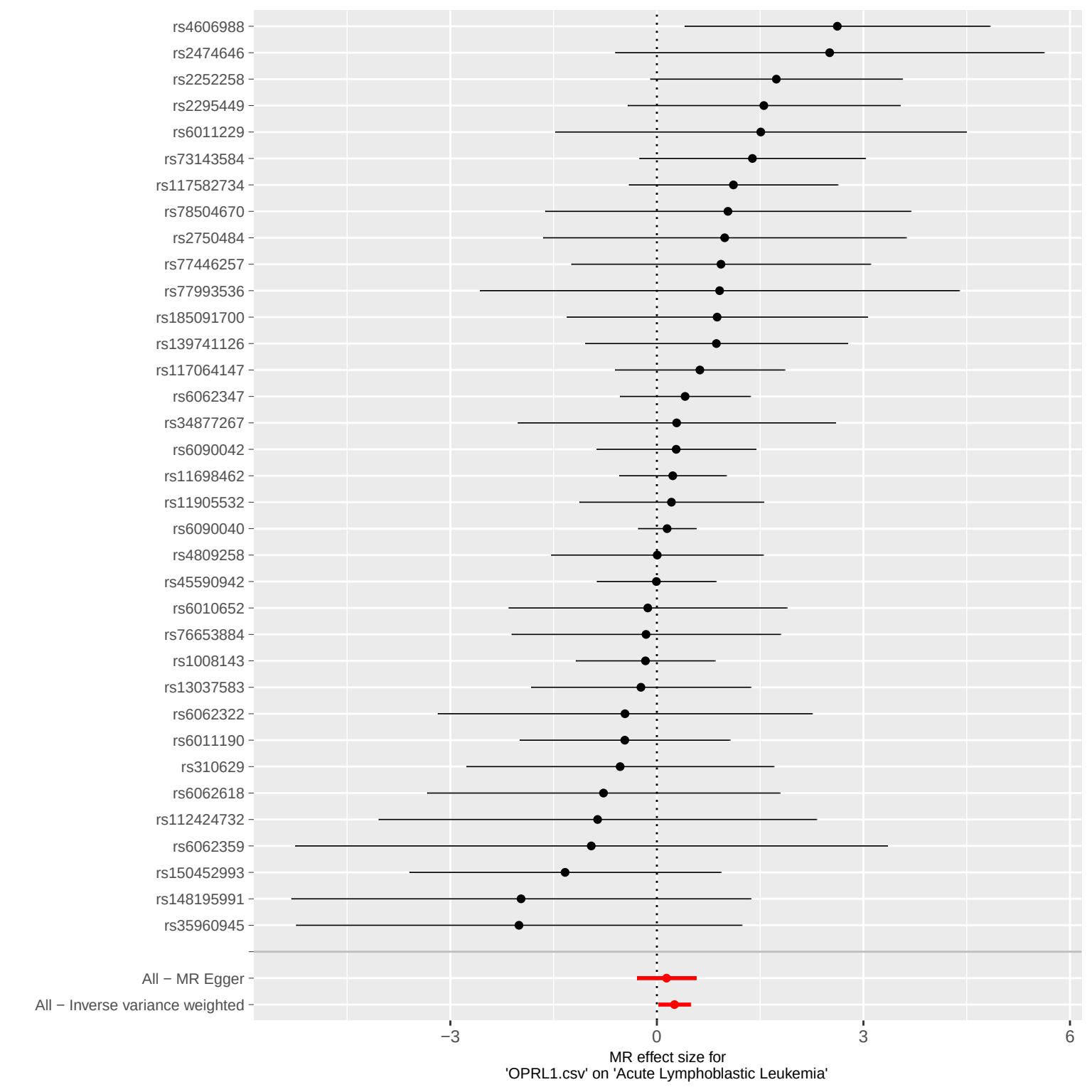
3
6
MR effect size for
'ODF3B.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−3
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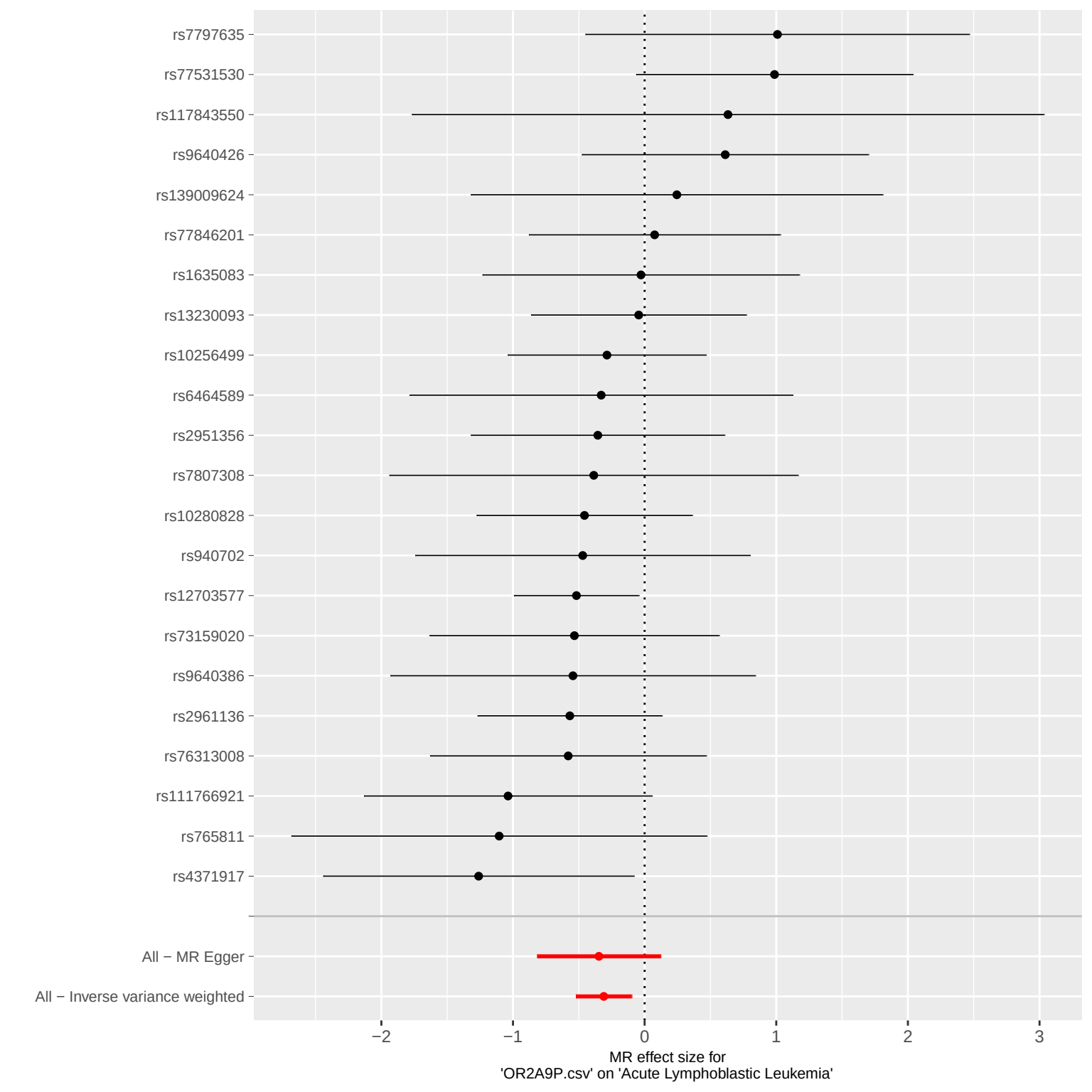
6
MR effect size for
'OPRL1.csv' on 'Acute Lymphoblastic Leukemia'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rs940702
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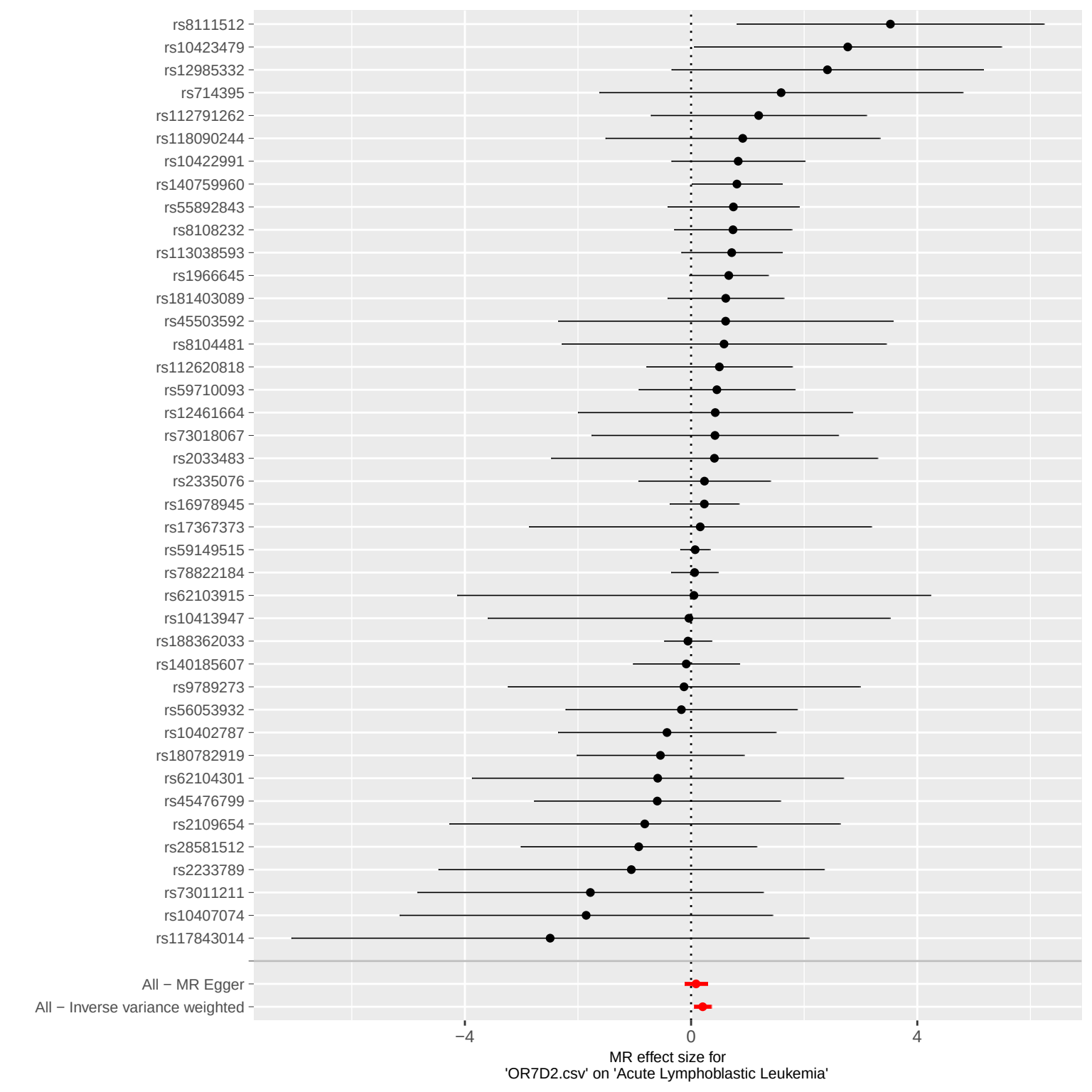
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'OR2A9P.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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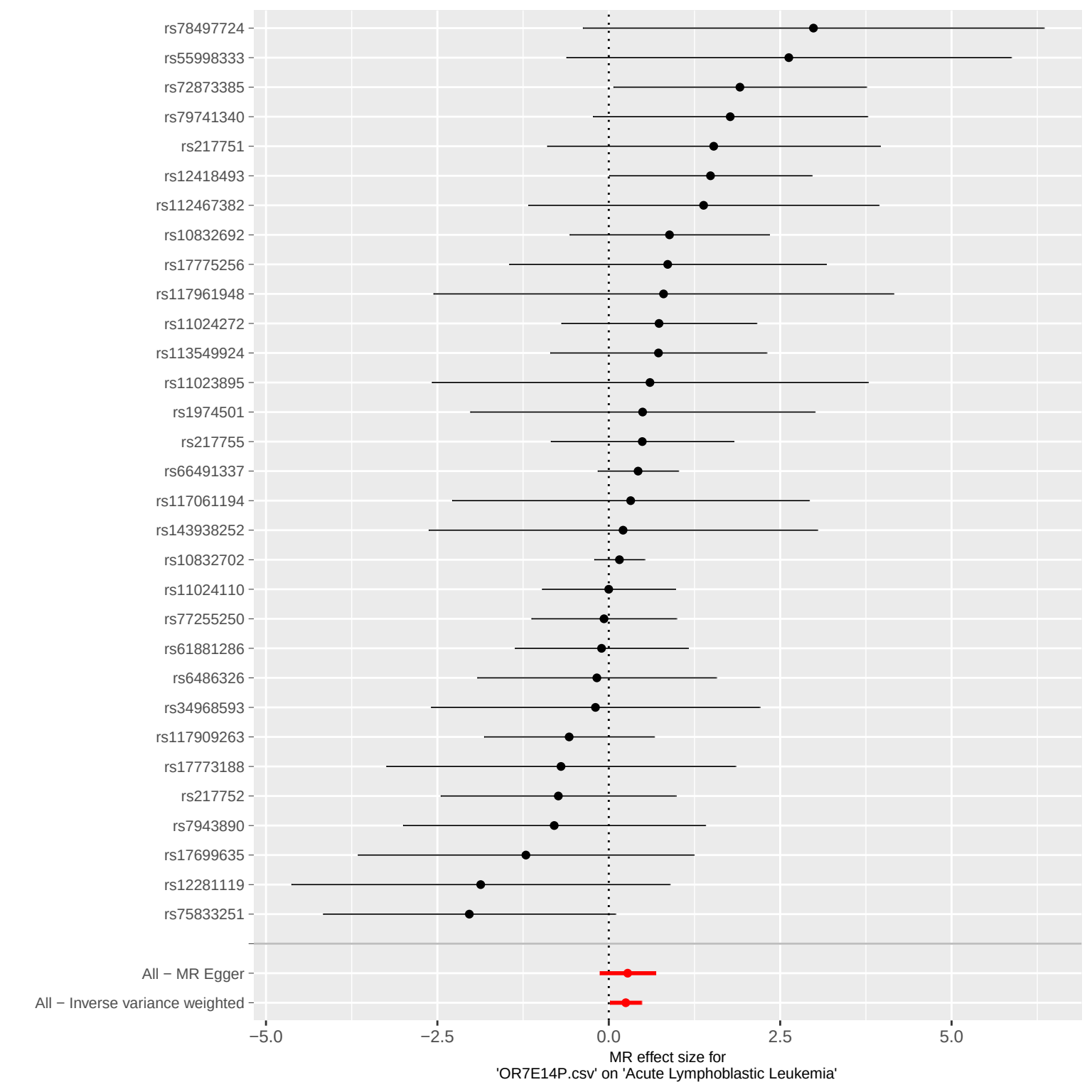
4
MR effect size for
'OR7D2.csv' on 'Acute Lymphoblastic Leukemia'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rs117909263
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All − MR Egger
All − Inverse variance weighted
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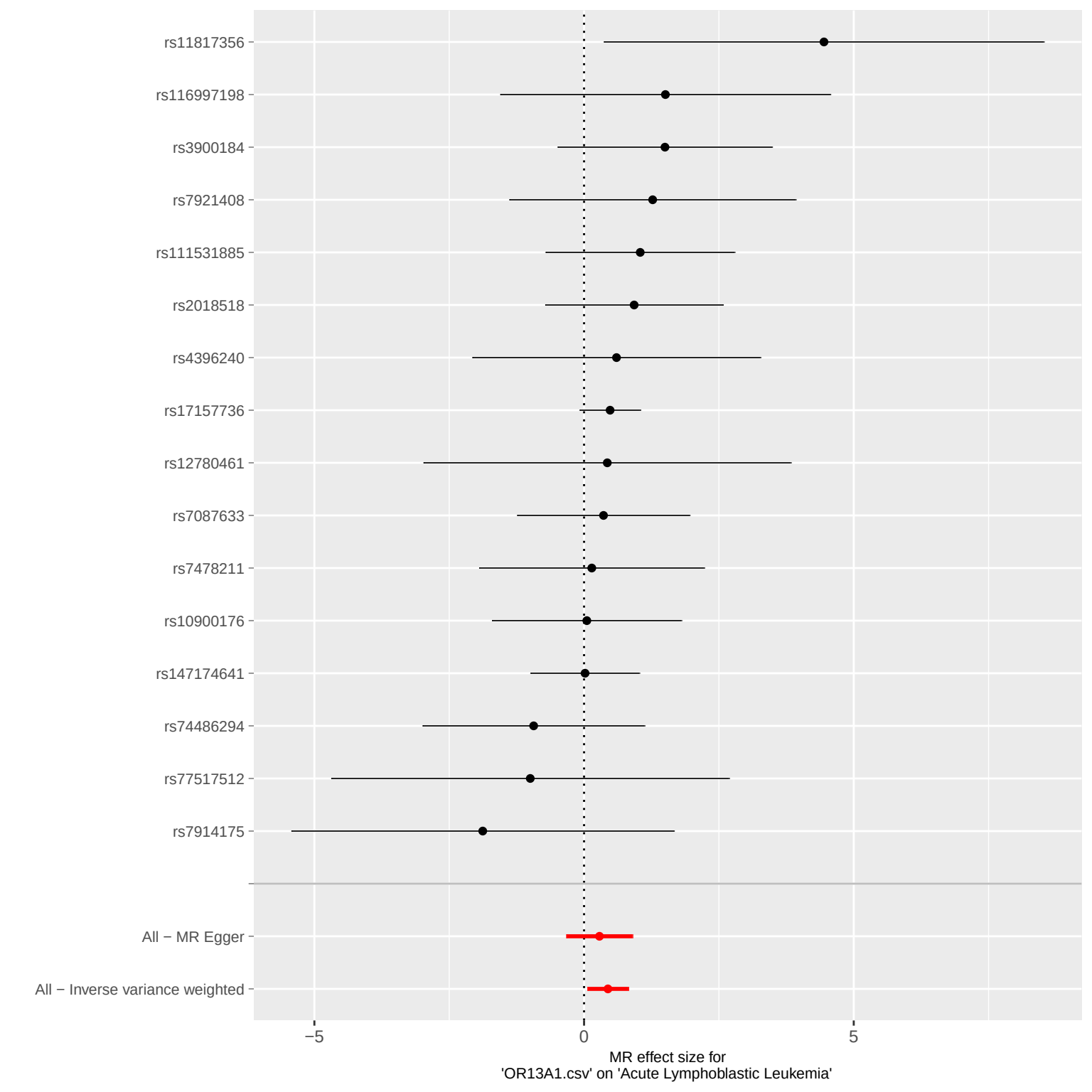
−2.5
0.0
2.5
5.0
MR effect size for
'OR7E14P.csv' on 'Acute Lymphoblastic Leukemia'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rs74486294
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All − MR Egger
All − Inverse variance weighted
−5
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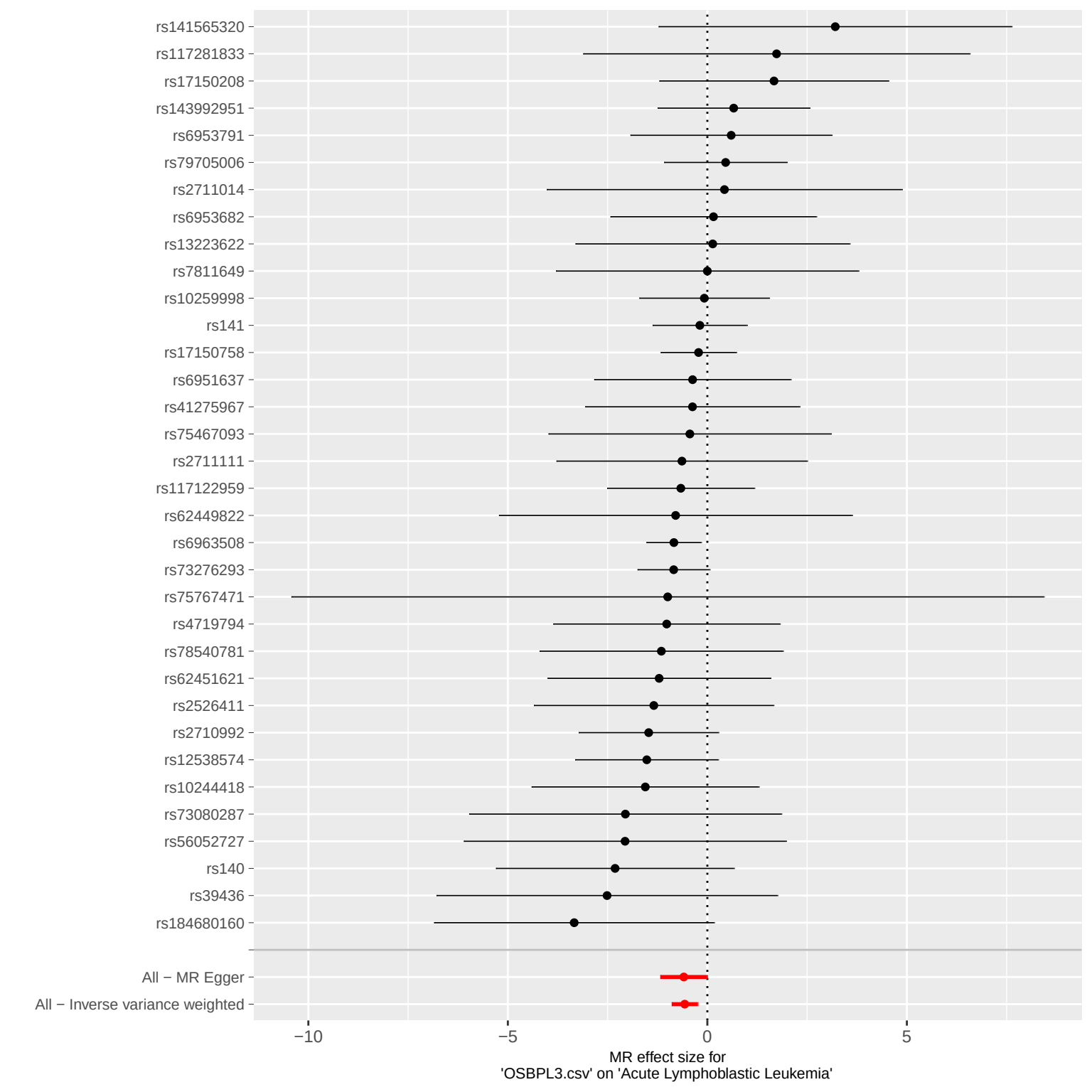
MR effect size for
'OR13A1.csv' on 'Acute Lymphoblastic Leukemia'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rs10244418
rs73080287
rs56052727
rs140
rs39436
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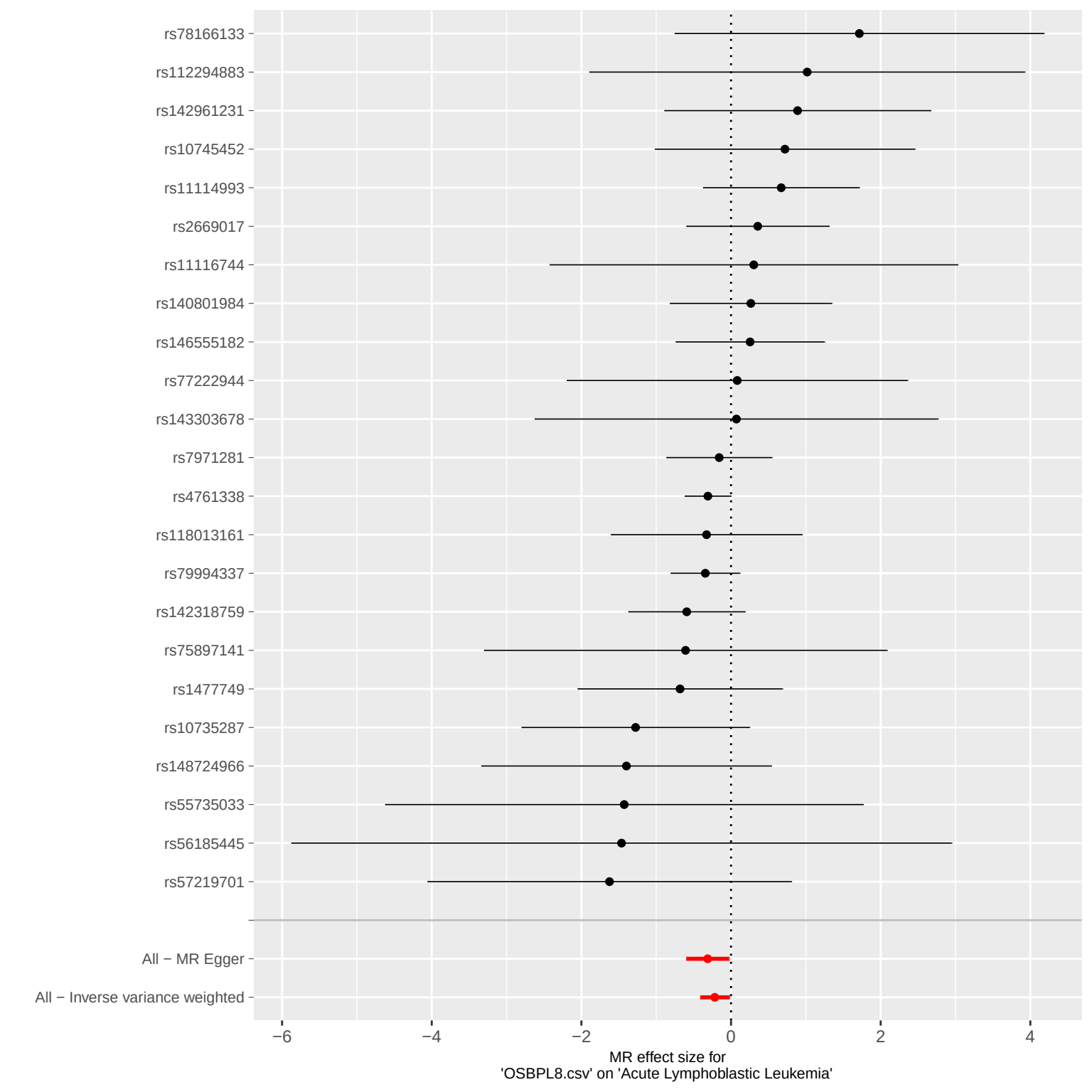
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'OSBPL3.csv' on 'Acute Lymphoblastic Leukemia'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rs10735287
rs148724966
rs55735033
rs56185445
rs57219701
All − MR Egger
All − Inverse variance weighted
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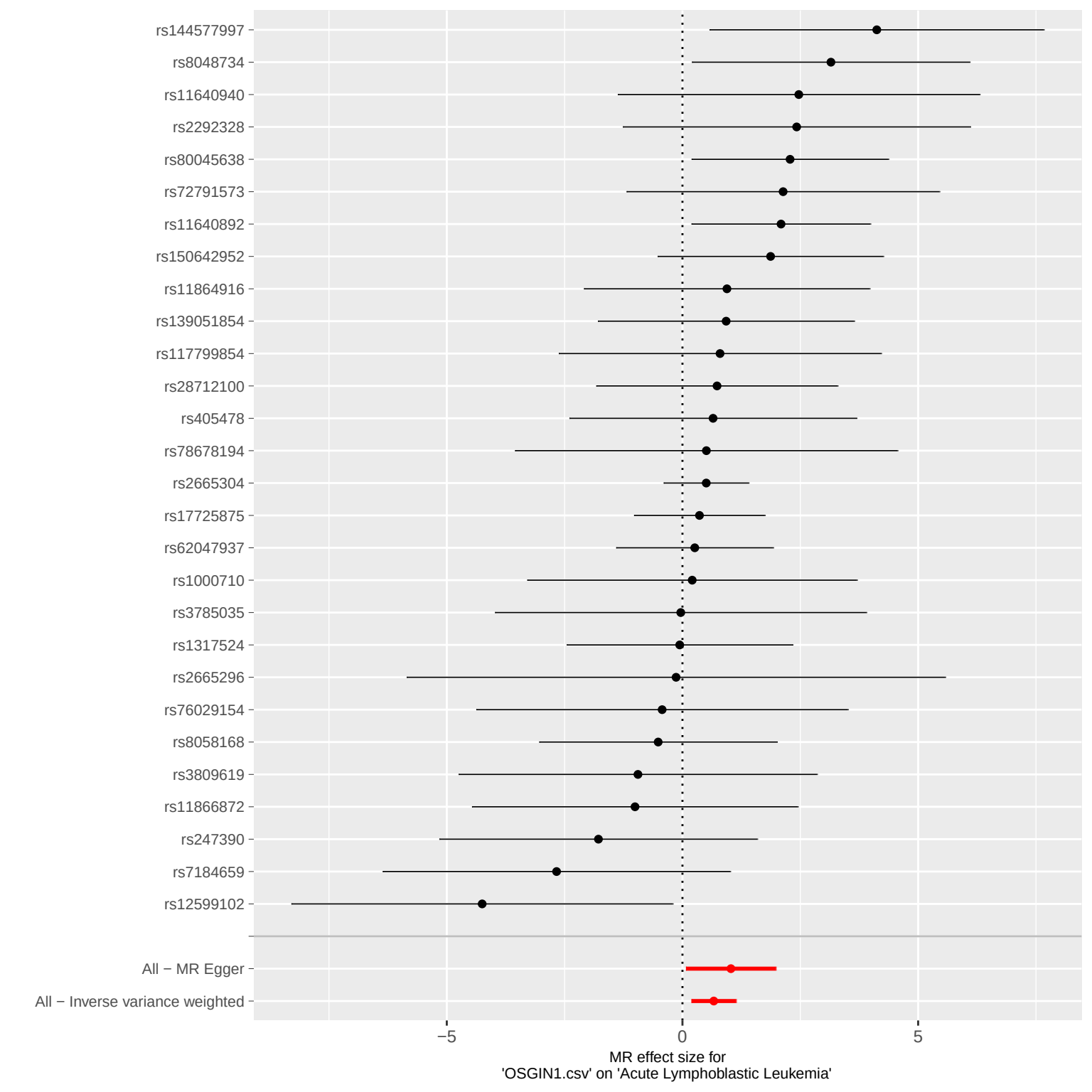
−4
−2
0
2
4
MR effect size for
'OSBPL8.csv' on 'Acute Lymphoblastic Leukemia'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rs2665296
rs76029154
rs8058168
rs3809619
rs11866872
rs247390
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All − MR Egger
All − Inverse variance weighted
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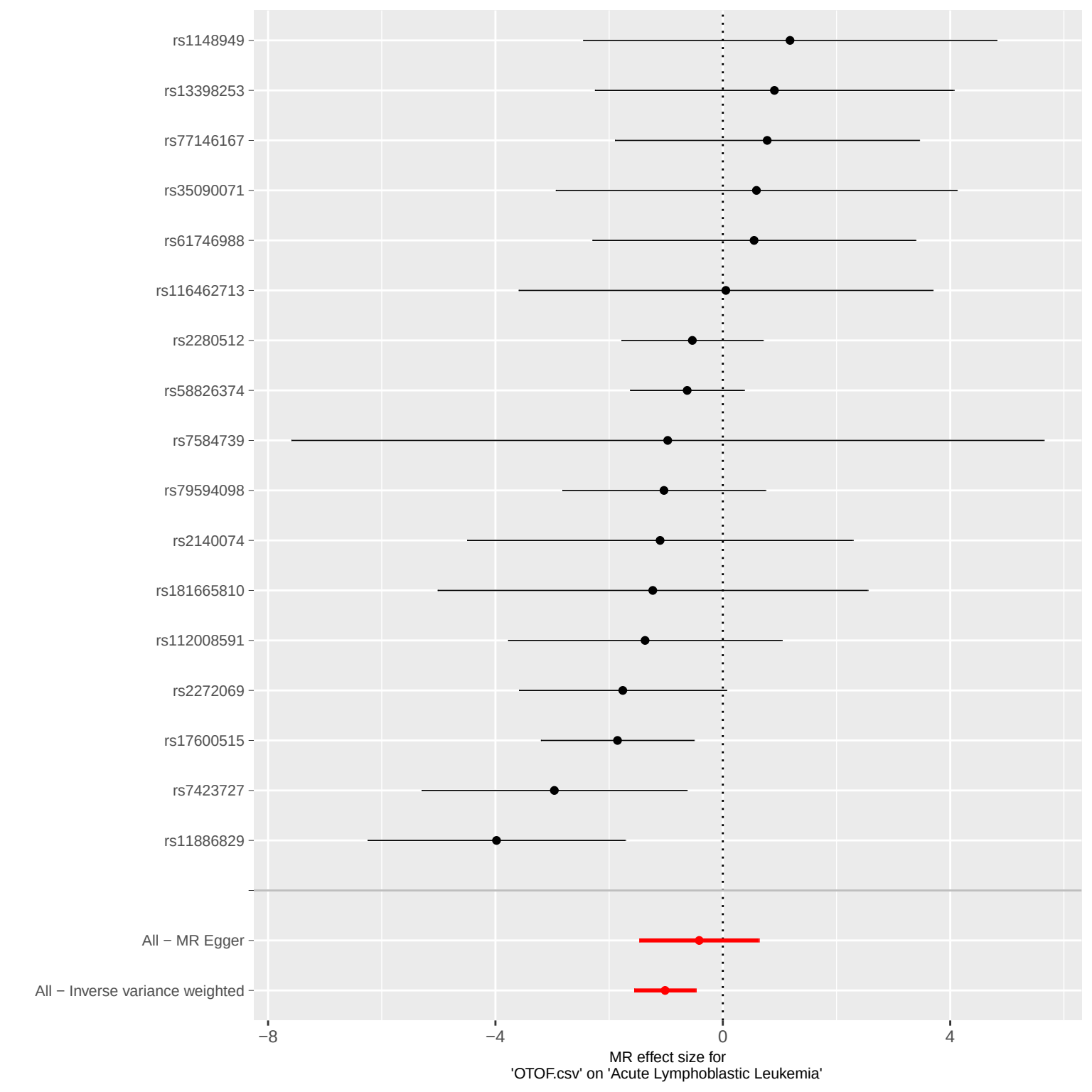
MR effect size for
'OSGIN1.csv' on 'Acute Lymphoblastic Leukemia'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rs181665810
rs112008591
rs2272069
rs17600515
rs7423727
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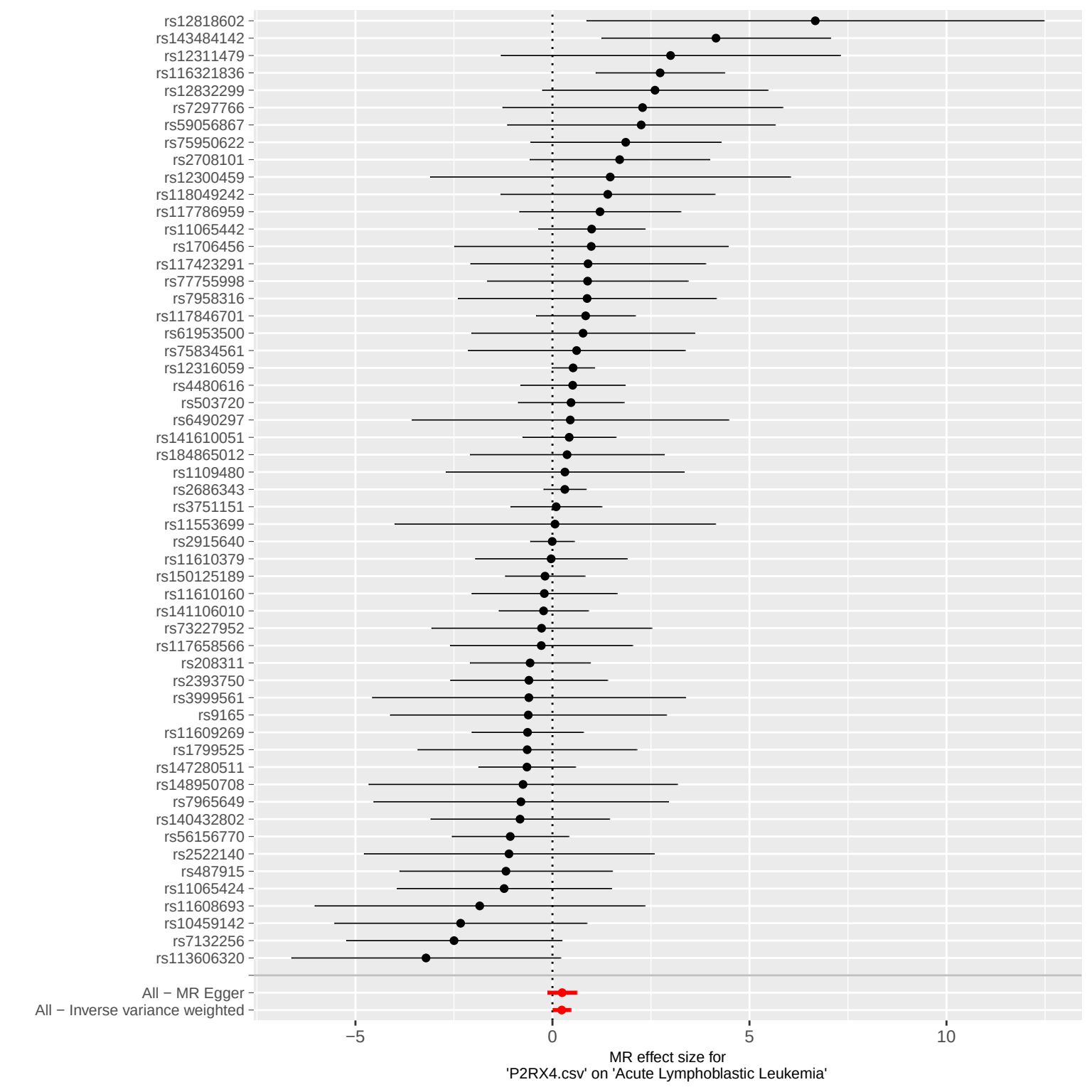
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'OTOF.csv' on 'Acute Lymphoblastic Leukemia'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rs2522140
rs487915
rs11065424
rs11608693
rs10459142
rs7132256
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All − MR Egger
All − Inverse variance weighted
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5
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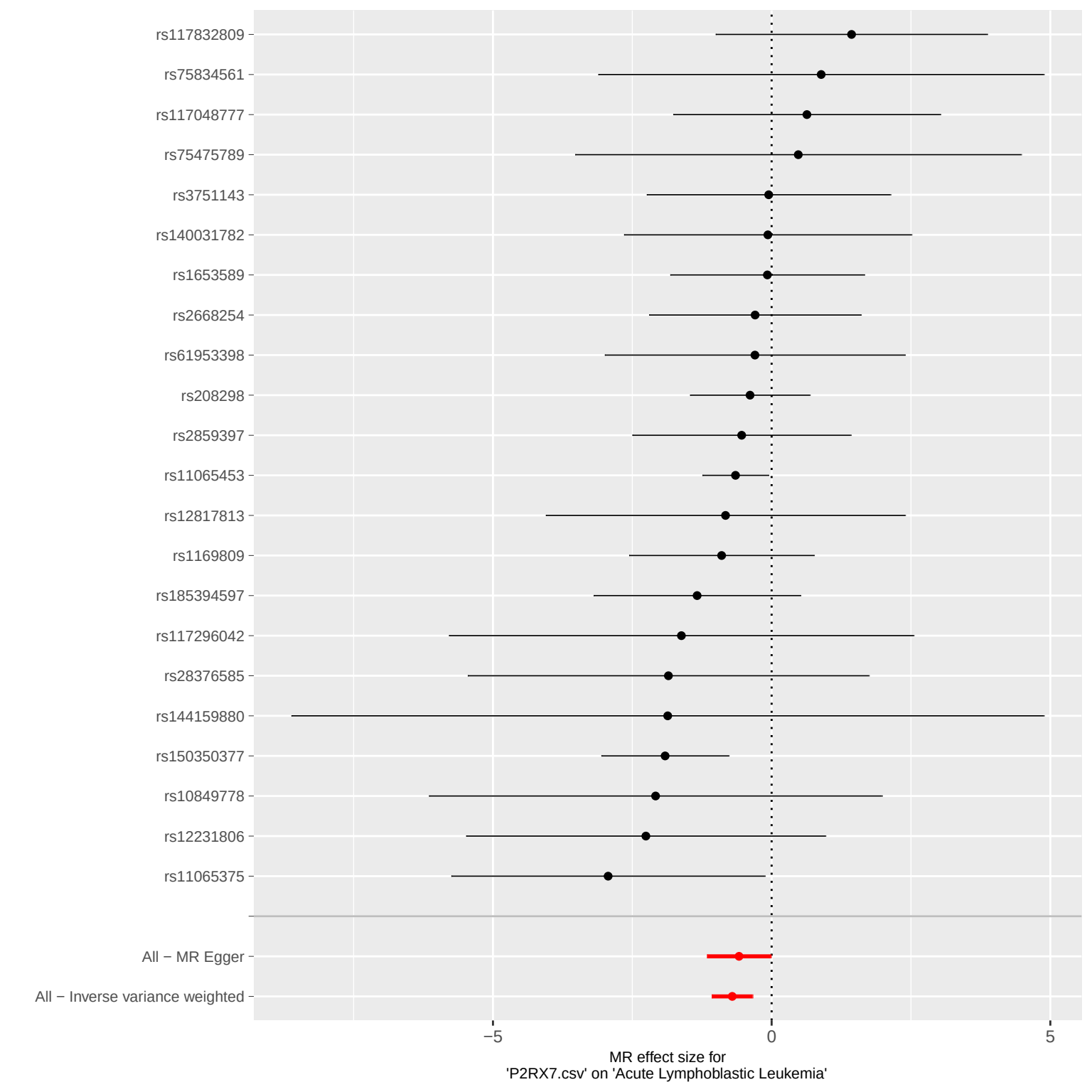
MR effect size for
'P2RX4.csv' on 'Acute Lymphoblastic Leukemia'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rs11065375
All − MR Egger
All − Inverse variance weighted
−5
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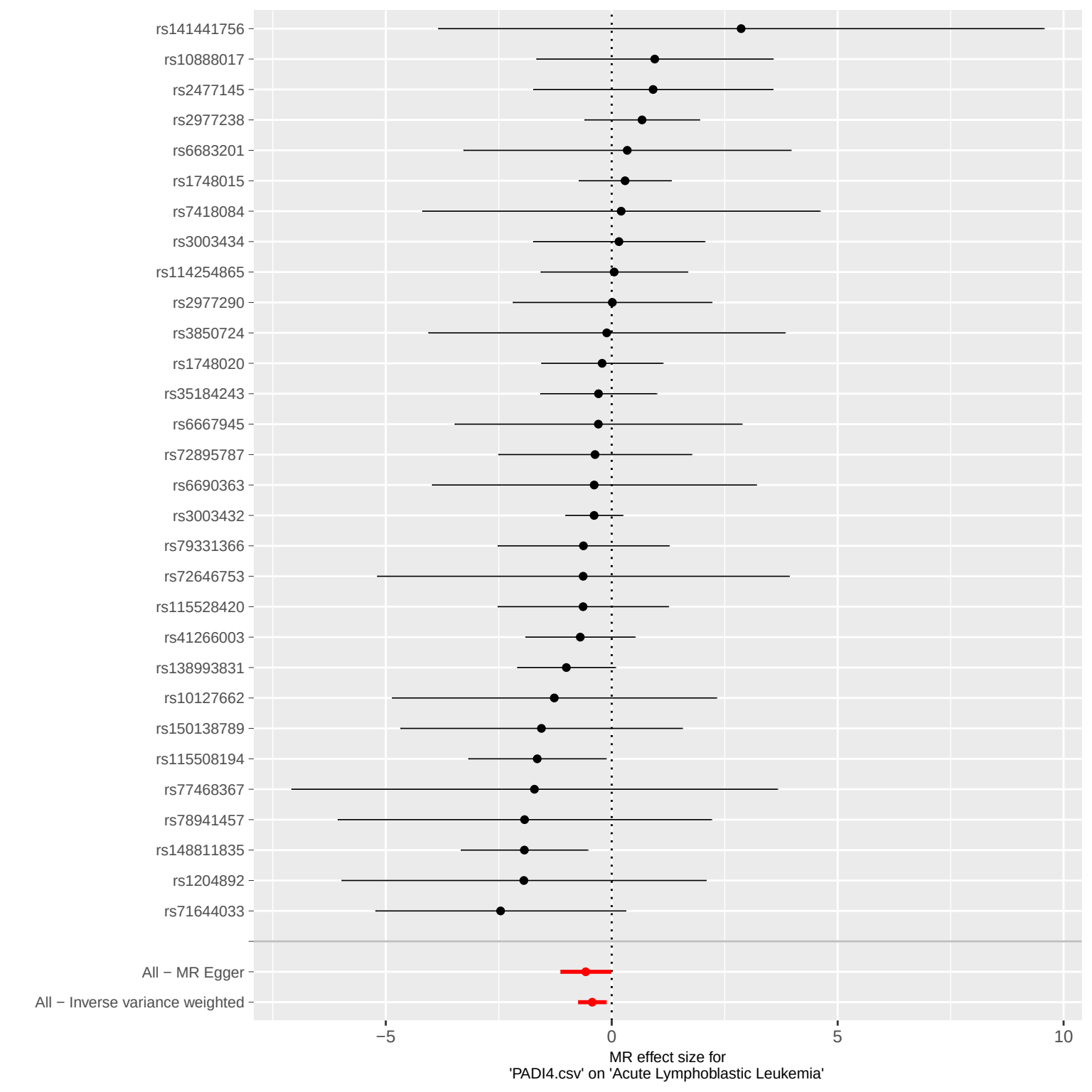
5
MR effect size for
'P2RX7.csv' on 'Acute Lymphoblastic Leukemia'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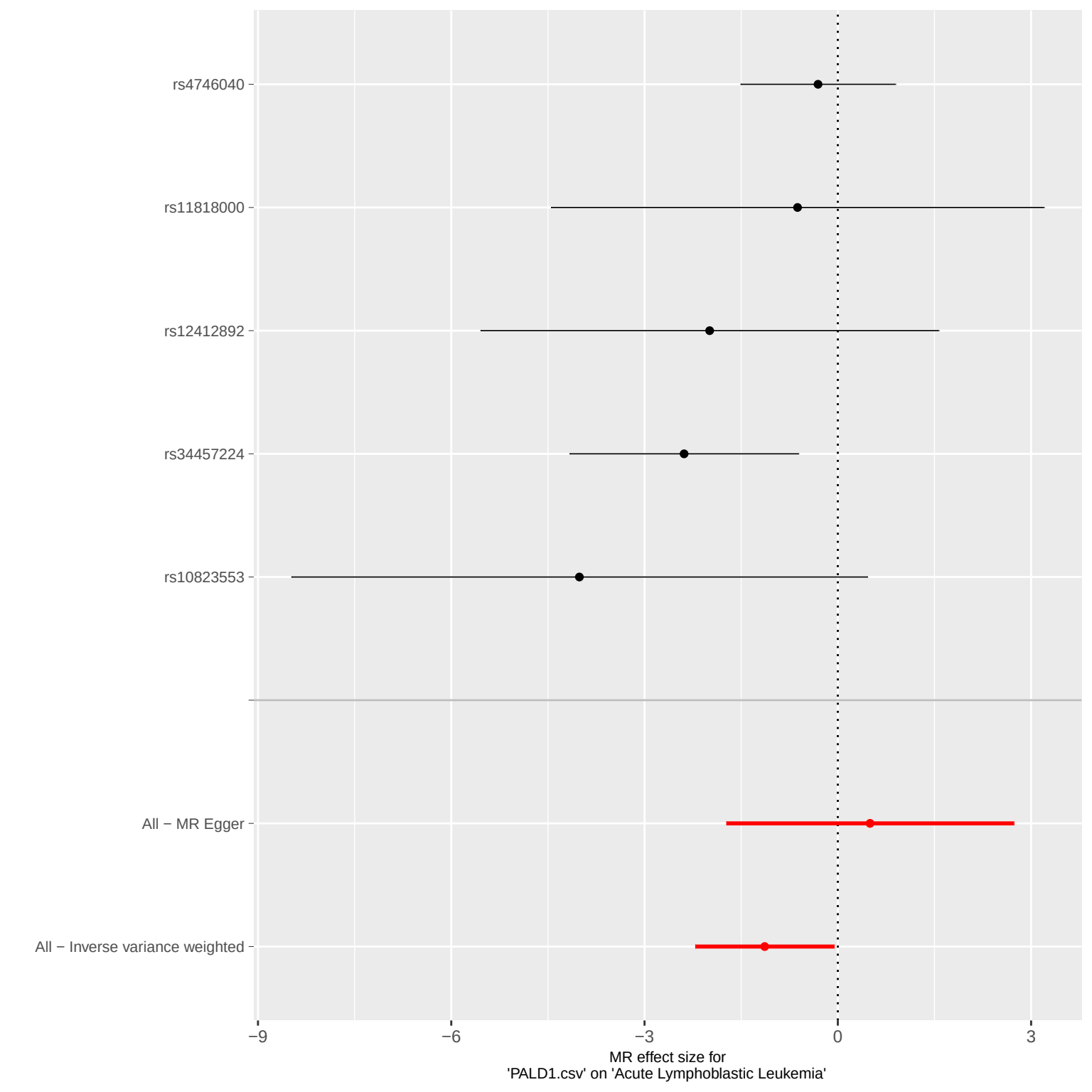
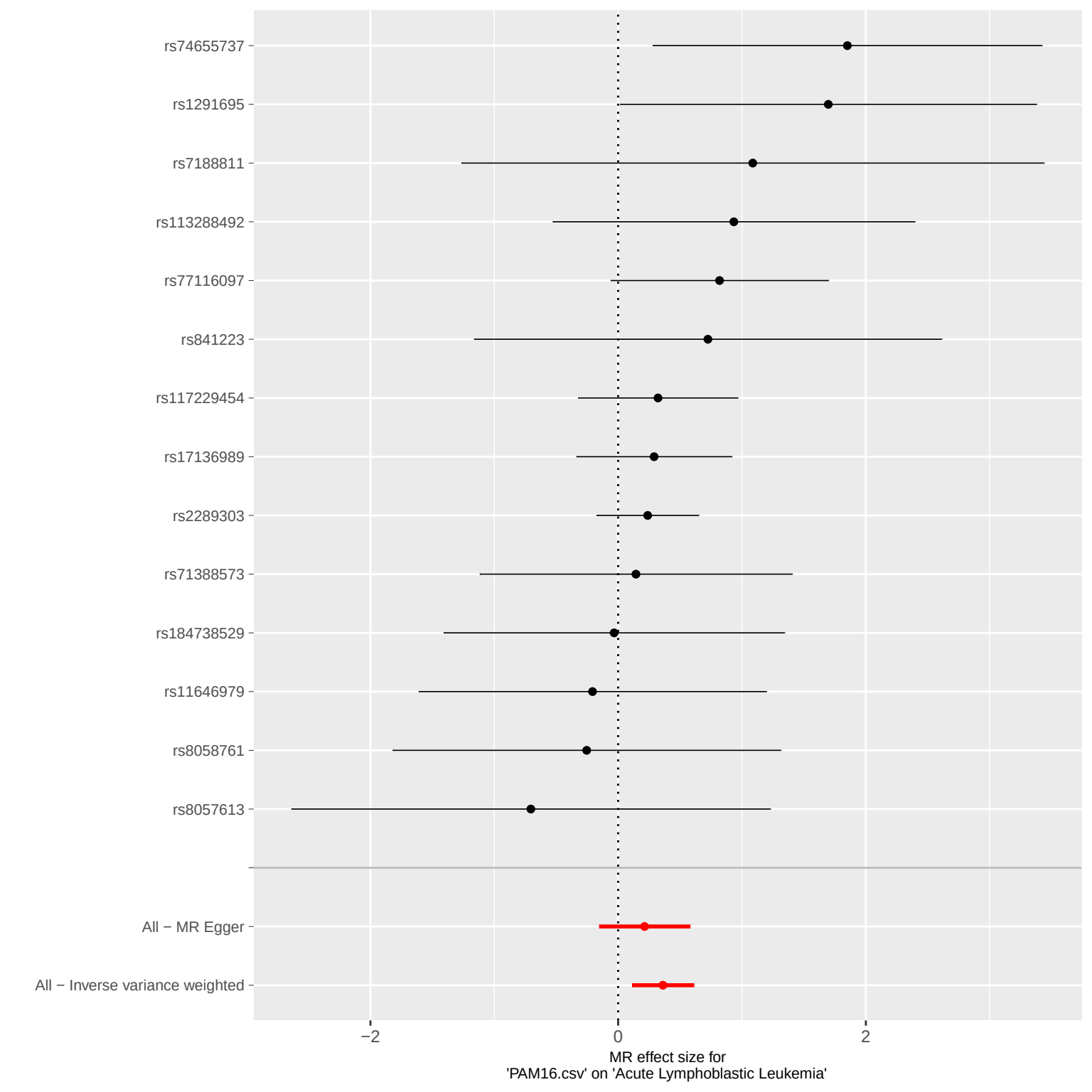
rs41266003
rs138993831
rs10127662
rs150138789
rs115508194
rs77468367
rs78941457
rs148811835
rs1204892
rs71644033
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'PADI4.csv' on 'Acute Lymphoblastic Leukemia'


rs4746040
rs11818000
rs12412892
rs34457224
rs10823553
All − MR Egger
All − Inverse variance weighted
−9
−6
−3
0
3
MR effect size for
'PALD1.csv' on 'Acute Lymphoblastic Leukemia'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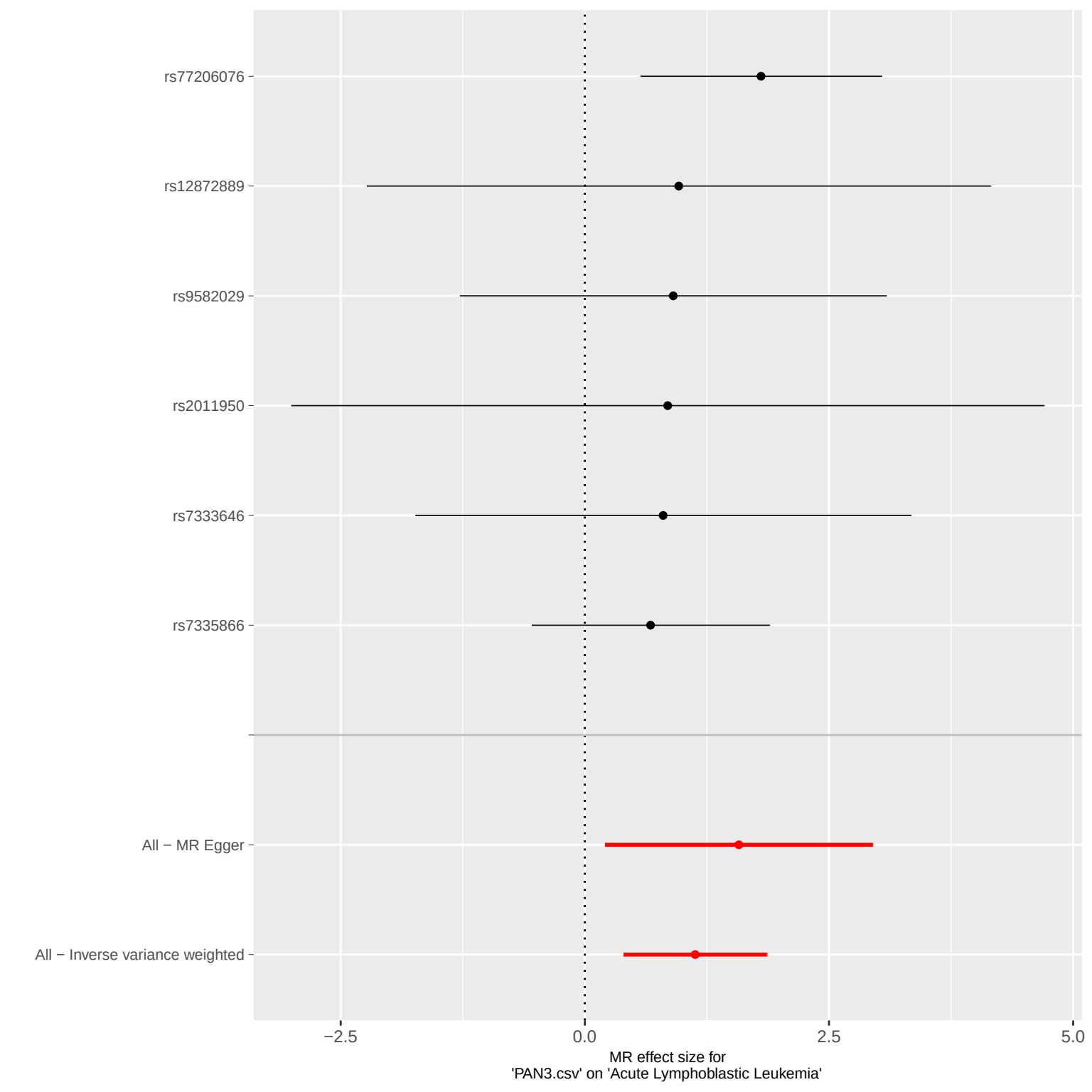
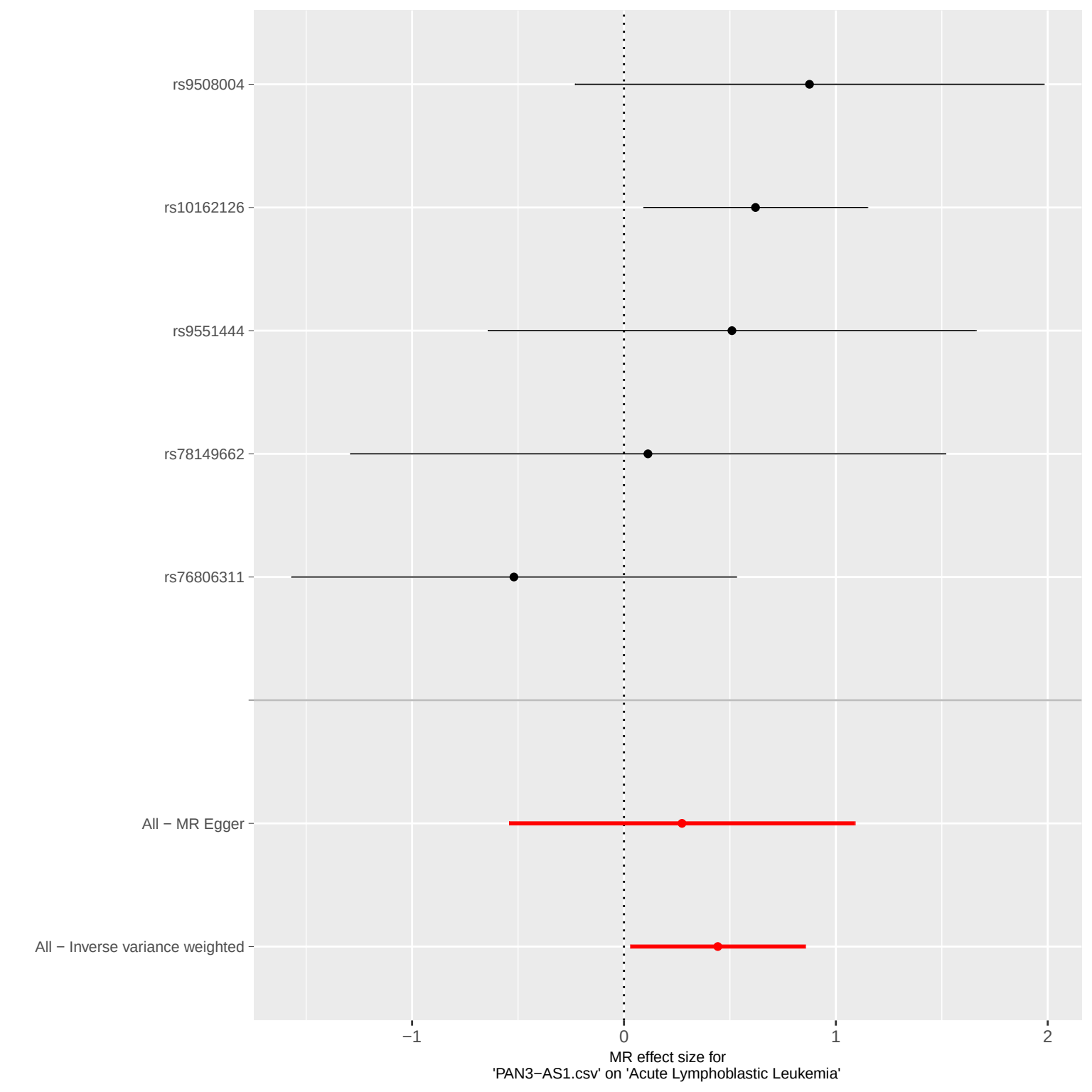
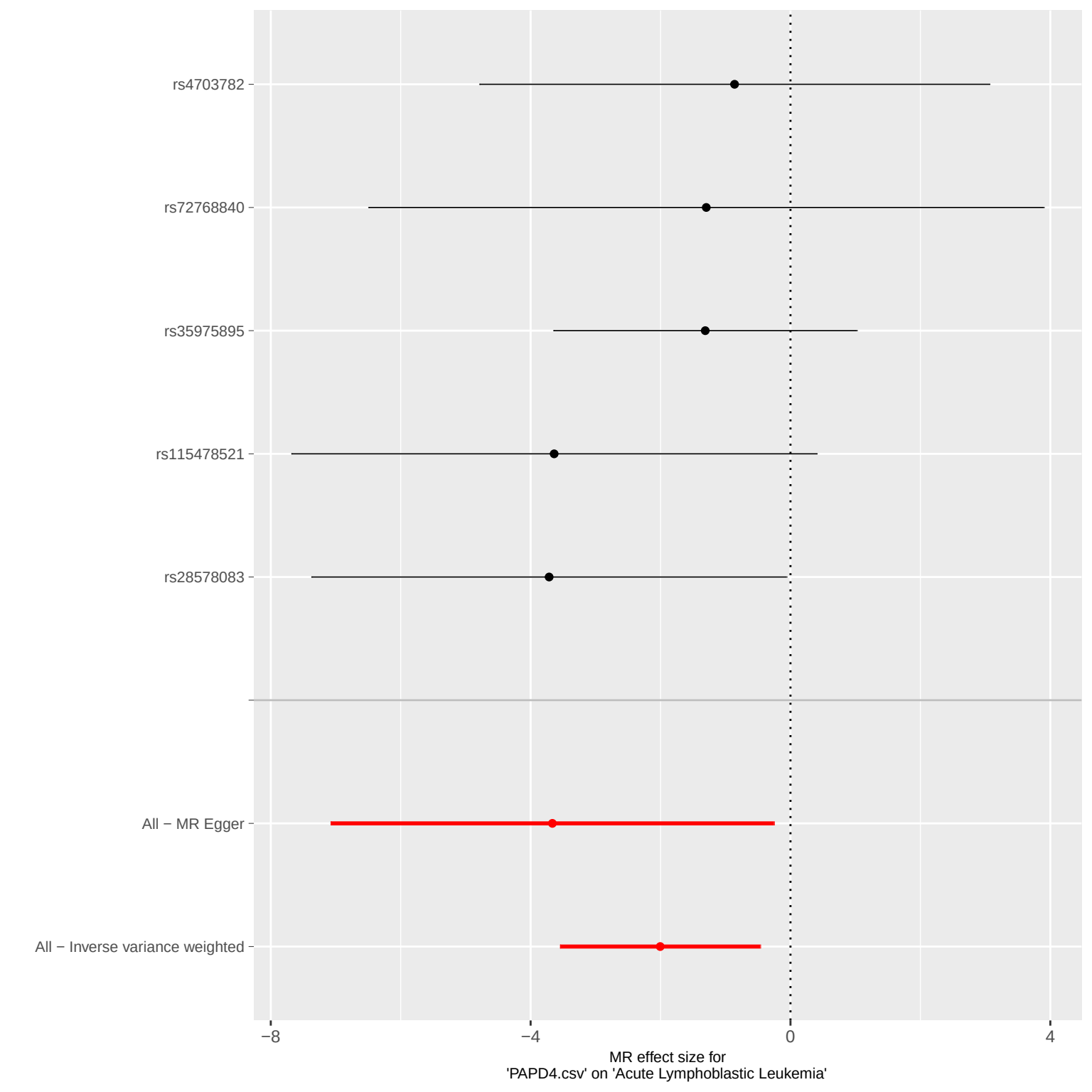
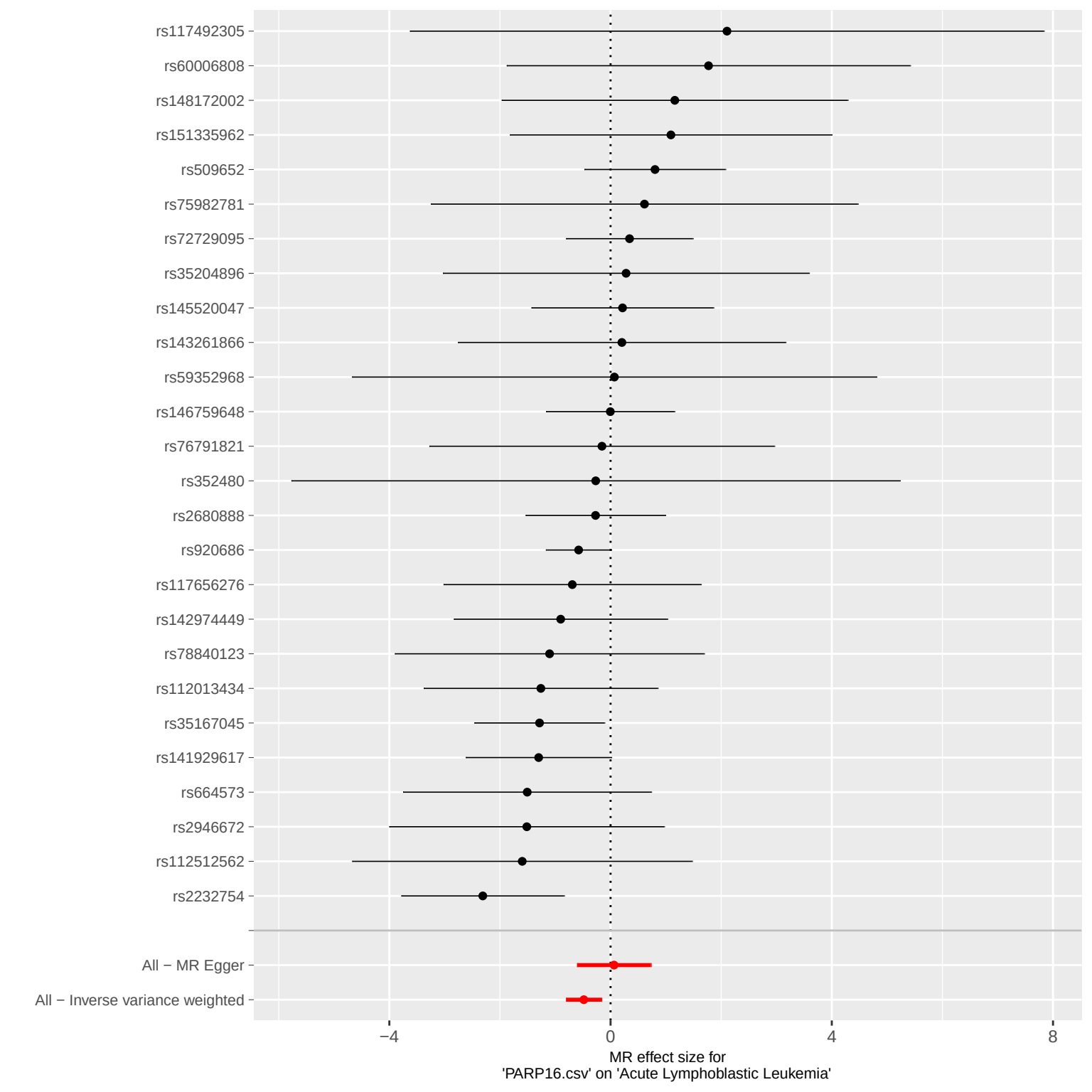
rs113288492
rs77116097
rs841223
rs117229454
rs17136989
rs2289303
rs71388573
rs184738529
rs11646979
rs8058761
rs8057613
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PAM16.csv' on 'Acute Lymphoblastic Leukemia'


rs77206076
rs12872889
rs9582029
rs2011950
rs7333646
rs7335866
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'PAN3.csv' on 'Acute Lymphoblastic Leukemia'


rs9508004
rs10162126
rs9551444
rs78149662
rs76806311
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'PAN3−AS1.csv' on 'Acute Lymphoblastic Leukemia'


rs4703782
rs72768840
rs35975895
rs115478521
rs28578083
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'PAPD4.csv' on 'Acute Lymphoblastic Leukemia'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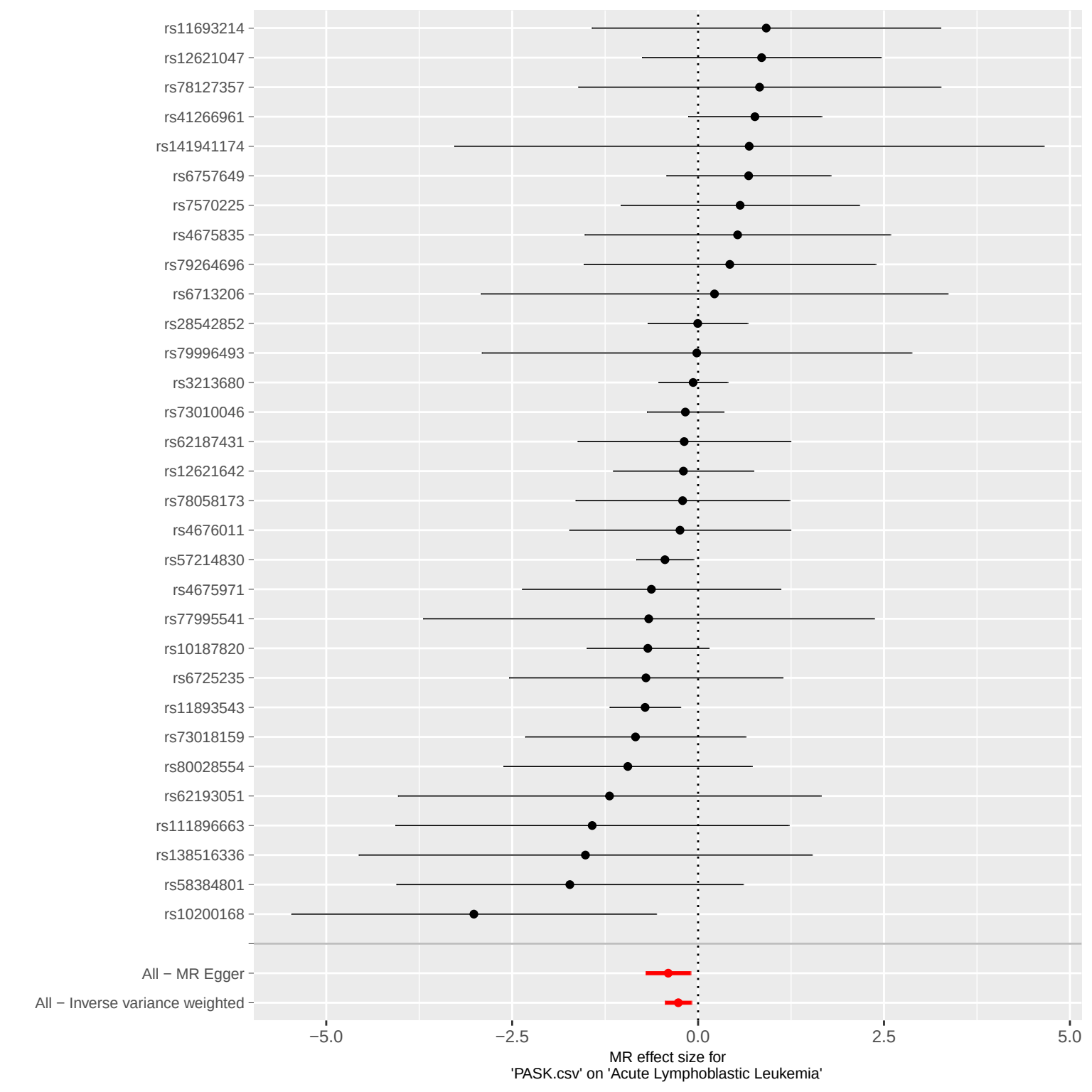
rs76791821
rs352480
rs2680888
rs920686
rs117656276
rs142974449
rs78840123
rs112013434
rs35167045
rs141929617
rs664573
rs2946672
rs112512562
rs2232754
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'PARP16.csv' on 'Acute Lymphoblastic Leukemia'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rs6757649
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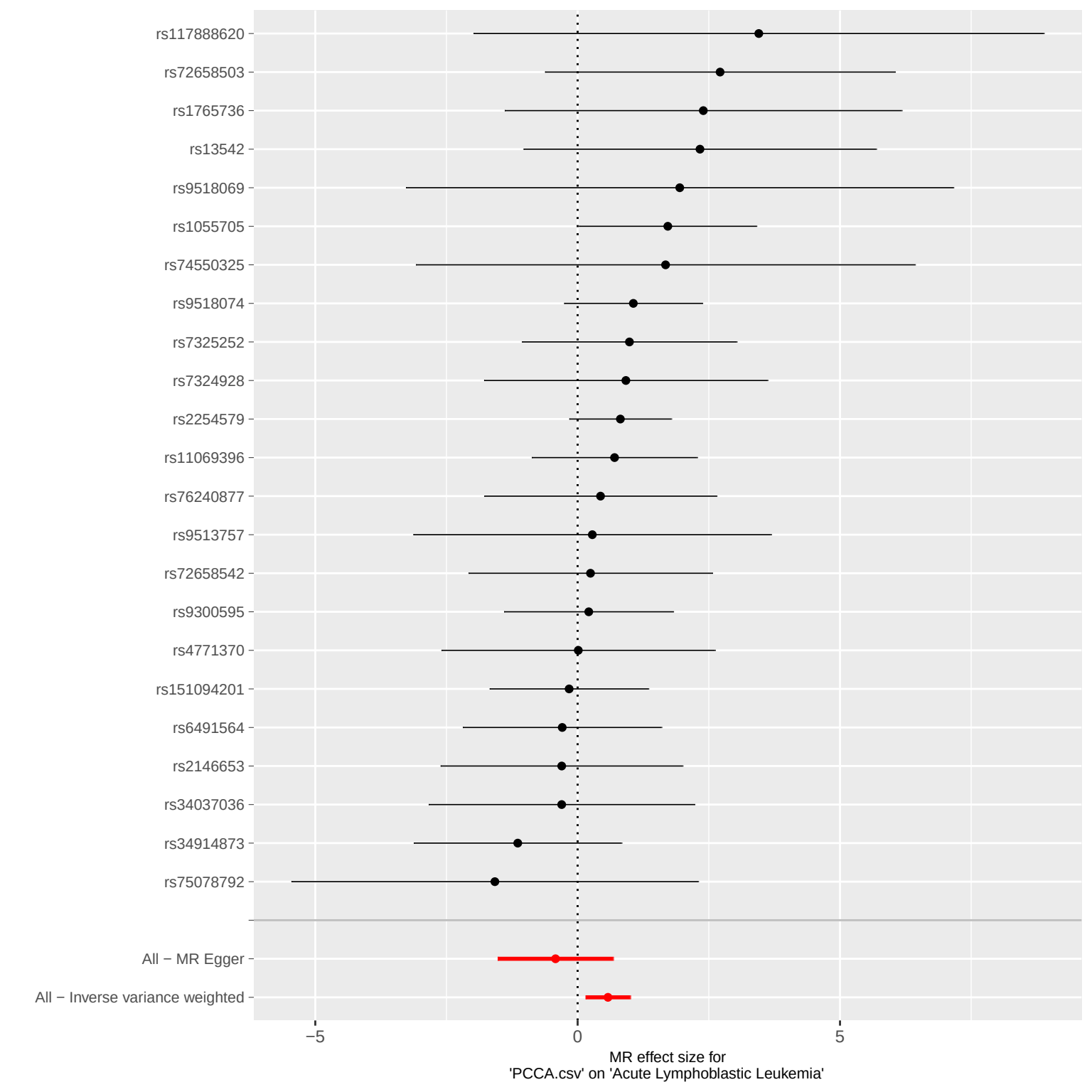
rs28542852
rs79996493
rs3213680
rs73010046
rs62187431
rs12621642
rs78058173
rs4676011
rs57214830
rs4675971
rs77995541
rs10187820
rs6725235
rs11893543
rs73018159
rs80028554
rs62193051
rs111896663
rs138516336
rs58384801
rs10200168
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PASK.csv' on 'Acute Lymphoblastic Leukemia'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rs72658503
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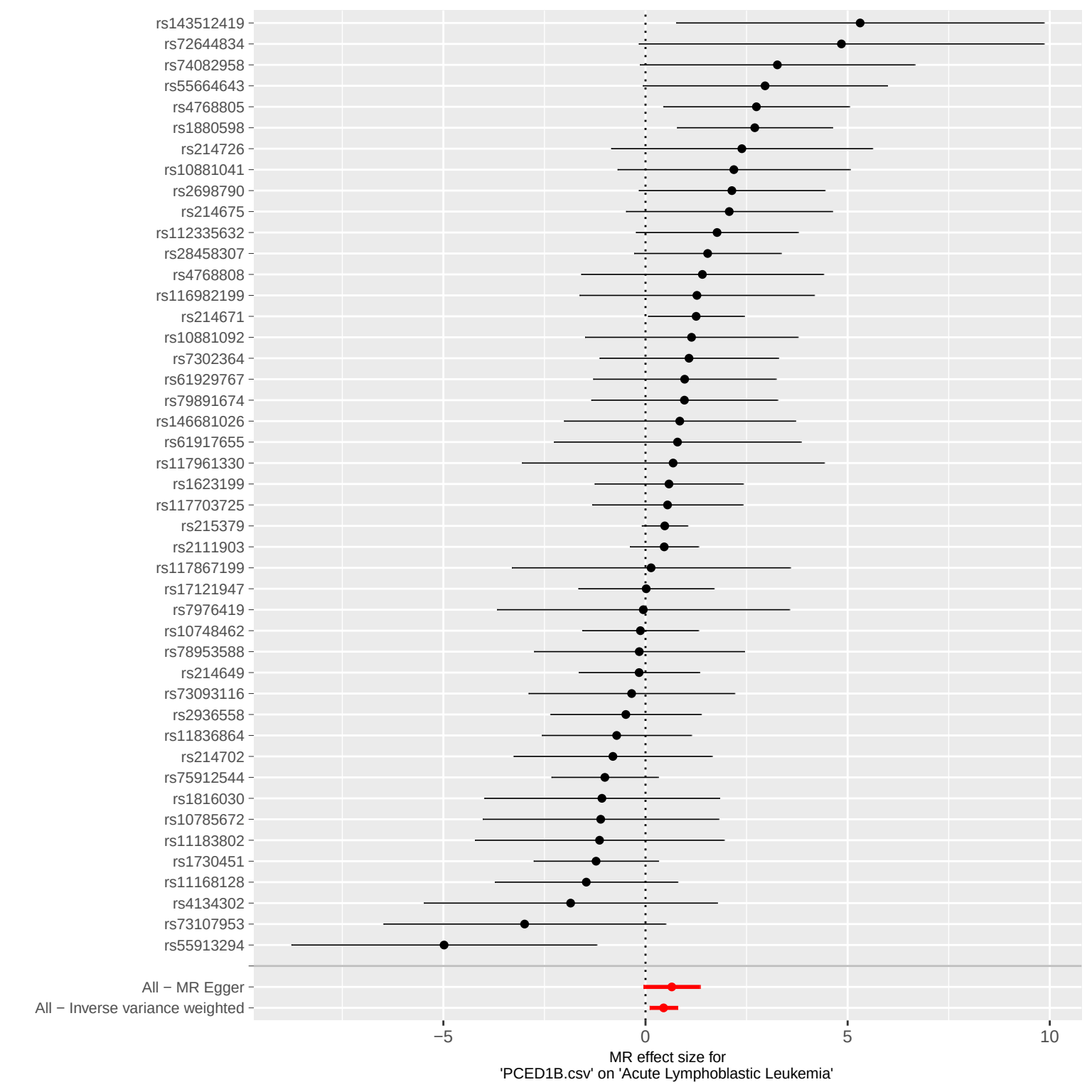
rs11069396
rs76240877
rs9513757
rs72658542
rs9300595
rs4771370
rs151094201
rs6491564
rs2146653
rs34037036
rs34914873
rs75078792
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PCCA.csv' on 'Acute Lymphoblastic Leukemia'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rs79891674
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rs61917655
rs117961330
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rs117703725
rs215379
rs2111903
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rs17121947
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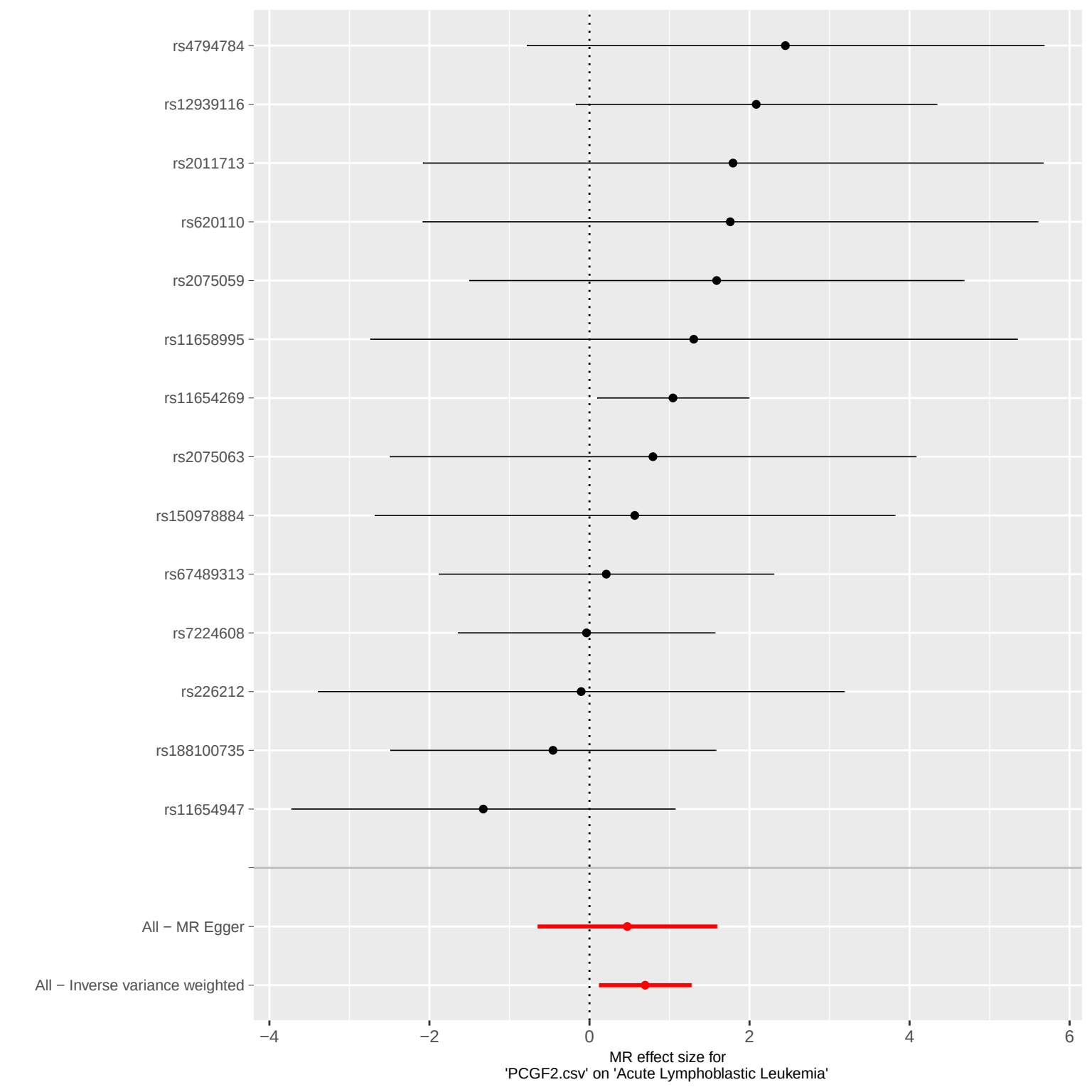
rs2936558
rs11836864
rs214702
rs75912544
rs1816030
rs10785672
rs11183802
rs1730451
rs11168128
rs4134302
rs73107953
rs55913294
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'PCED1B.csv' on 'Acute Lymphoblastic Leukemia'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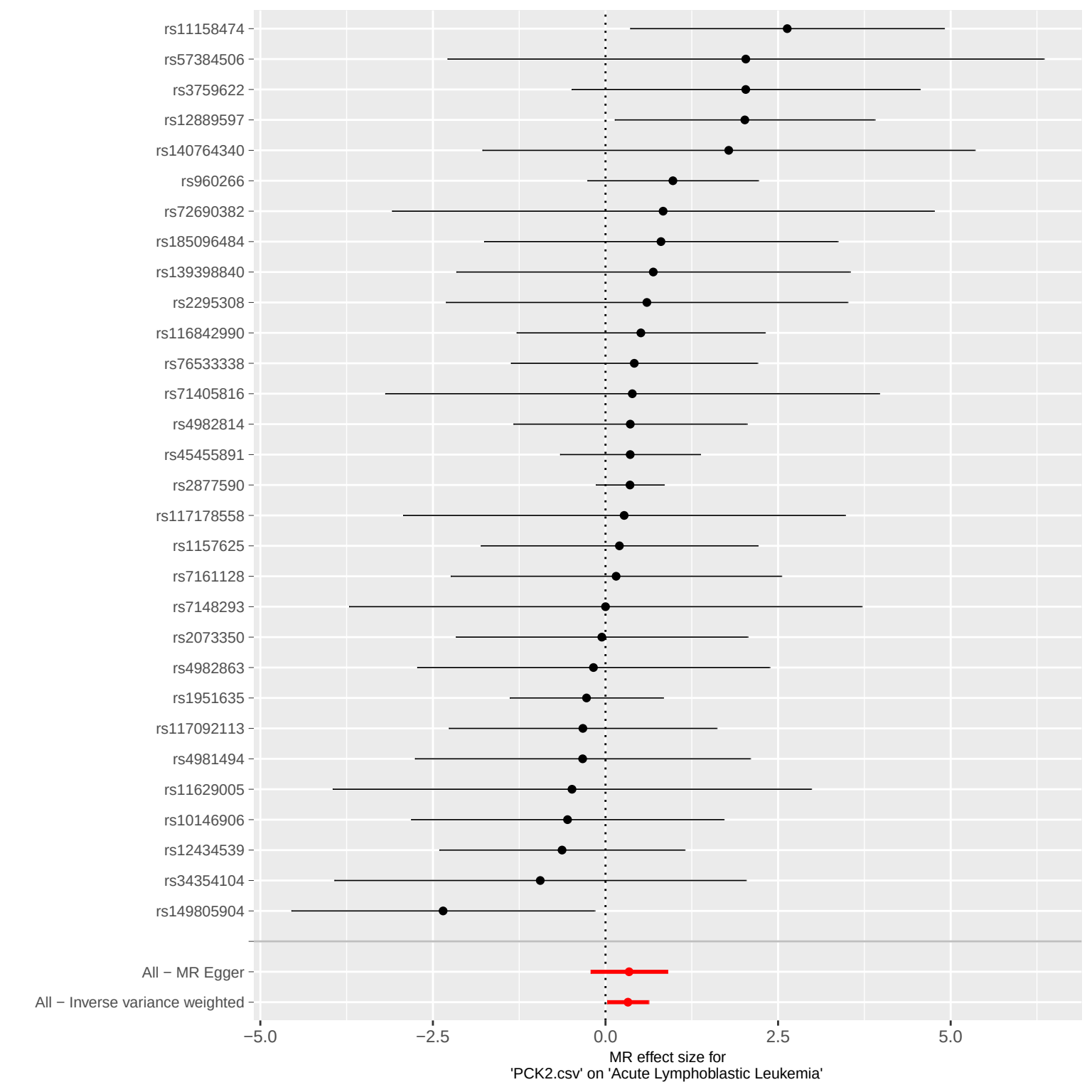
rs2075059
rs11658995
rs11654269
rs2075063
rs150978884
rs67489313
rs7224608
rs226212
rs188100735
rs11654947
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'PCGF2.csv' on 'Acute Lymphoblastic Leukemia'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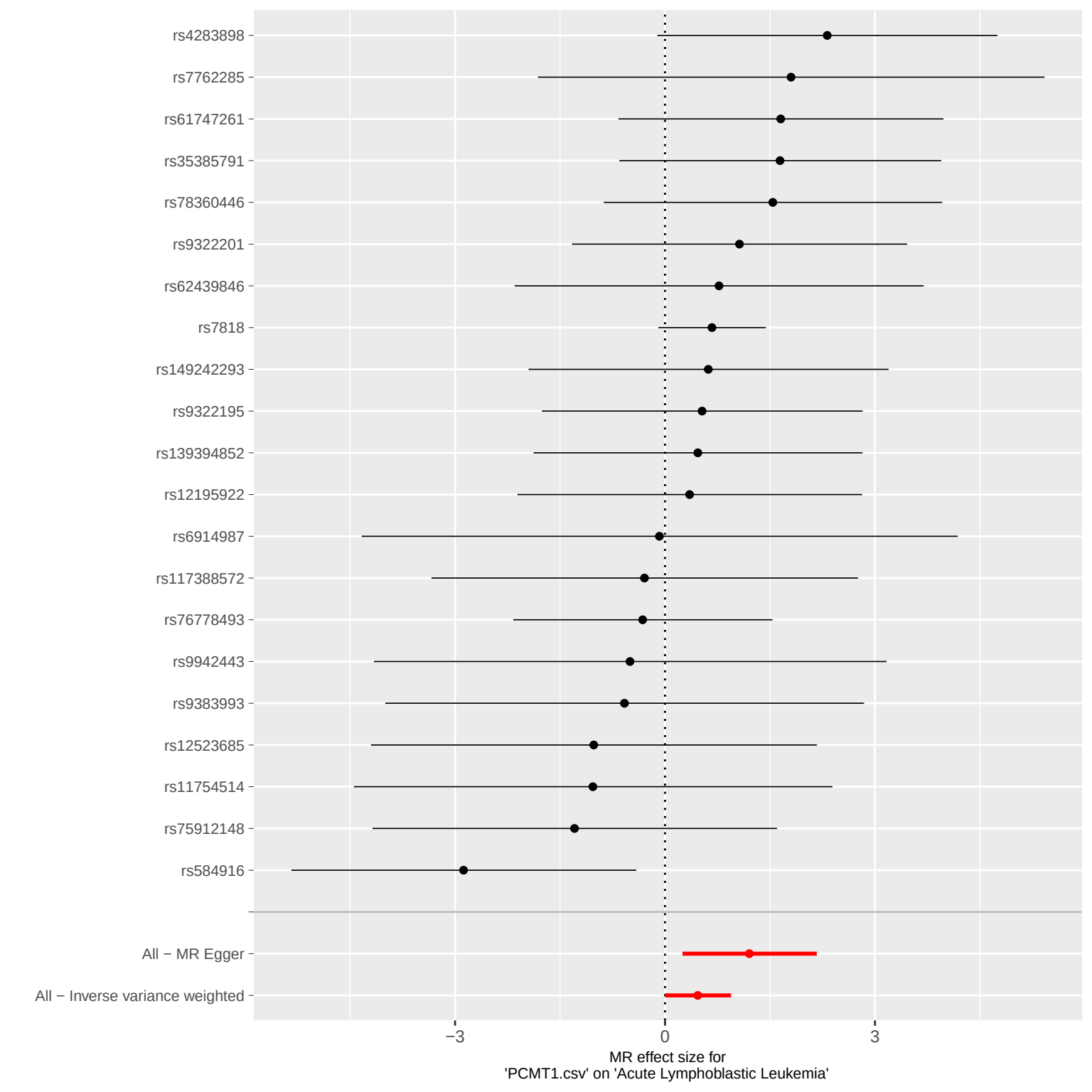
rs76533338
rs71405816
rs4982814
rs45455891
rs2877590
rs117178558
rs1157625
rs7161128
rs7148293
rs2073350
rs4982863
rs1951635
rs117092113
rs4981494
rs11629005
rs10146906
rs12434539
rs34354104
rs149805904
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PCK2.csv' on 'Acute Lymphoblastic Leukemia'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rs12195922
rs6914987
rs117388572
rs76778493
rs9942443
rs9383993
rs12523685
rs11754514
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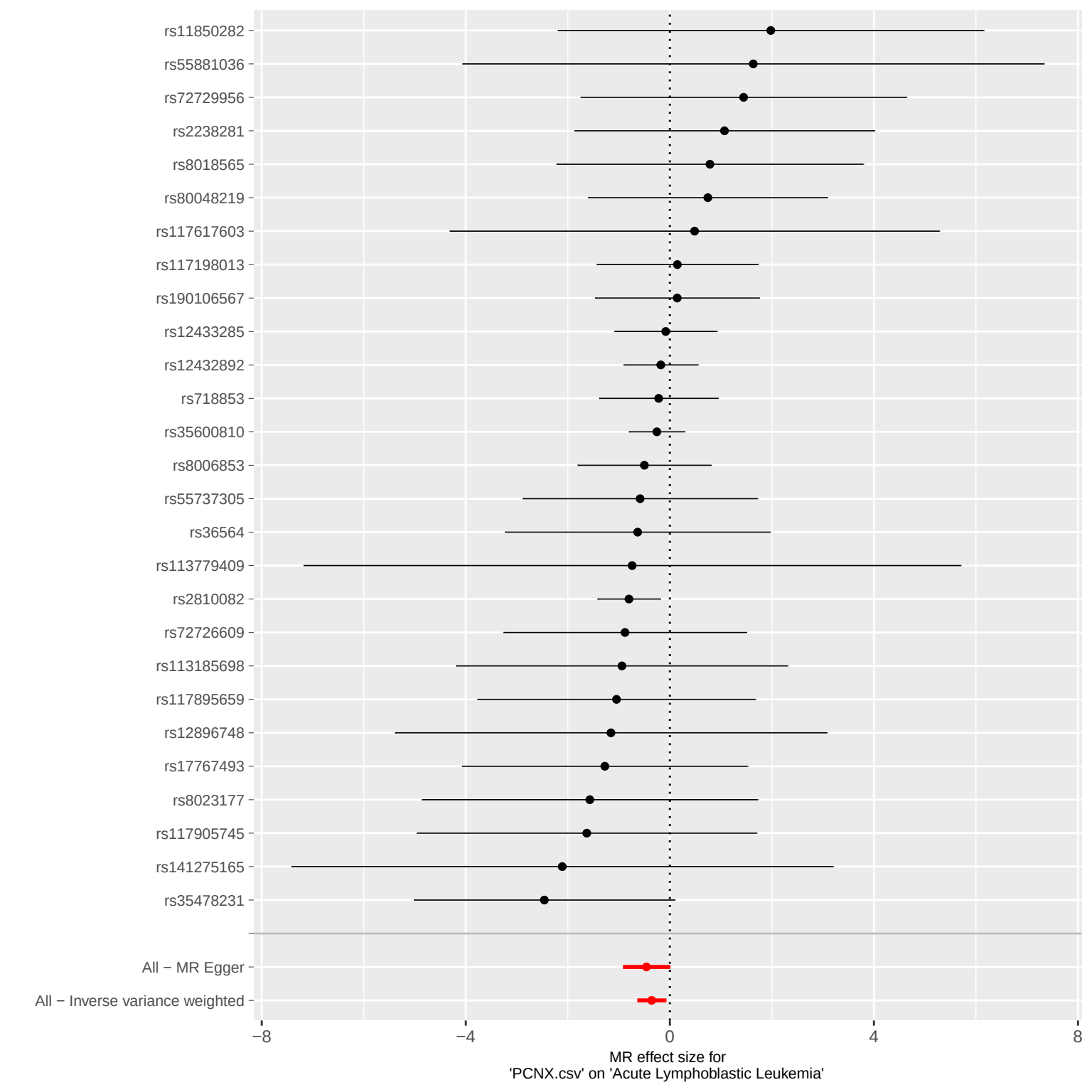
rs584916
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'PCMT1.csv' on 'Acute Lymphoblastic Leukemia'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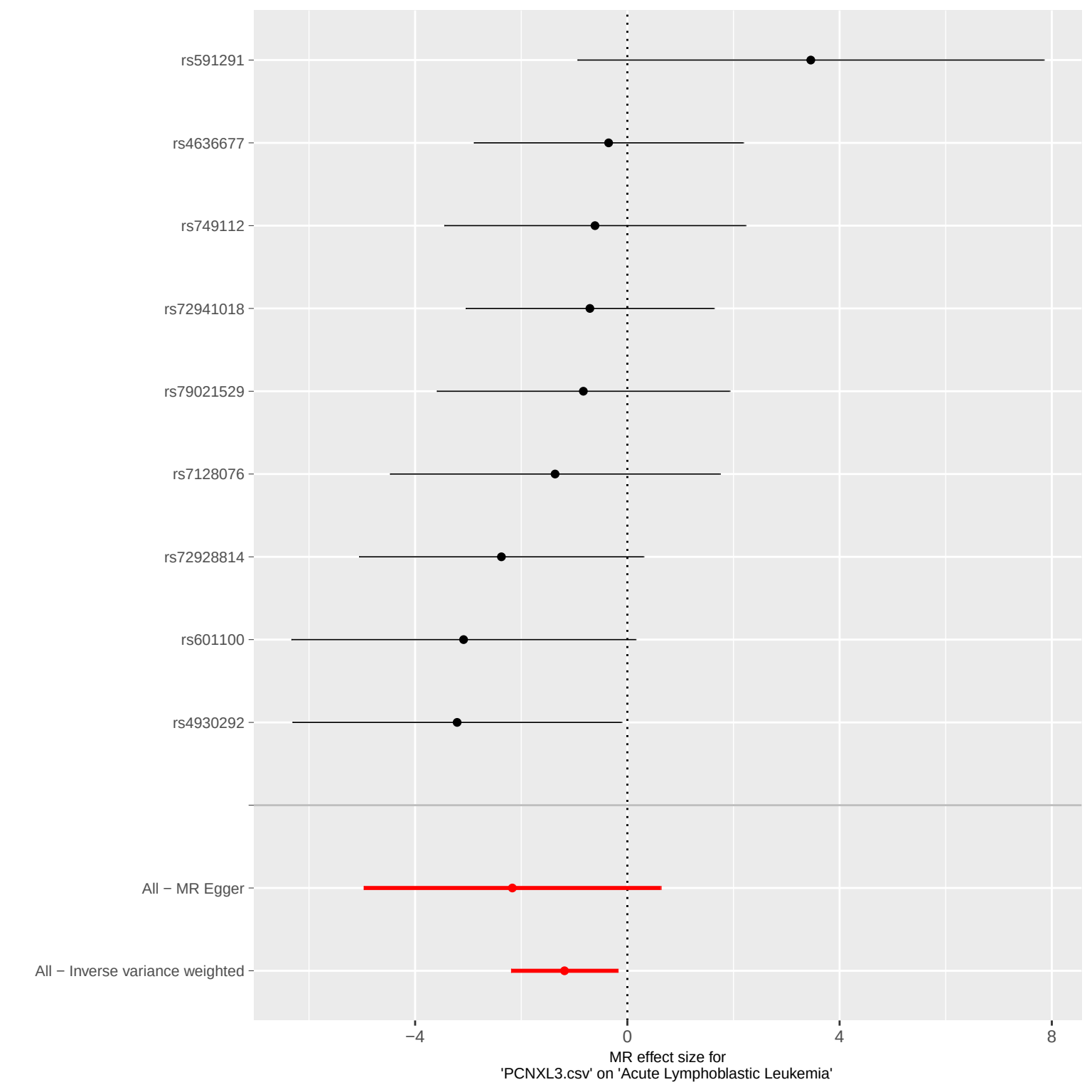
rs8006853
rs55737305
rs36564
rs113779409
rs2810082
rs72726609
rs113185698
rs117895659
rs12896748
rs17767493
rs8023177
rs117905745
rs141275165
rs35478231
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'PCNX.csv' on 'Acute Lymphoblastic Leukemia'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rs4636677
rs749112
rs72941018
rs79021529
rs7128076
rs72928814
rs601100
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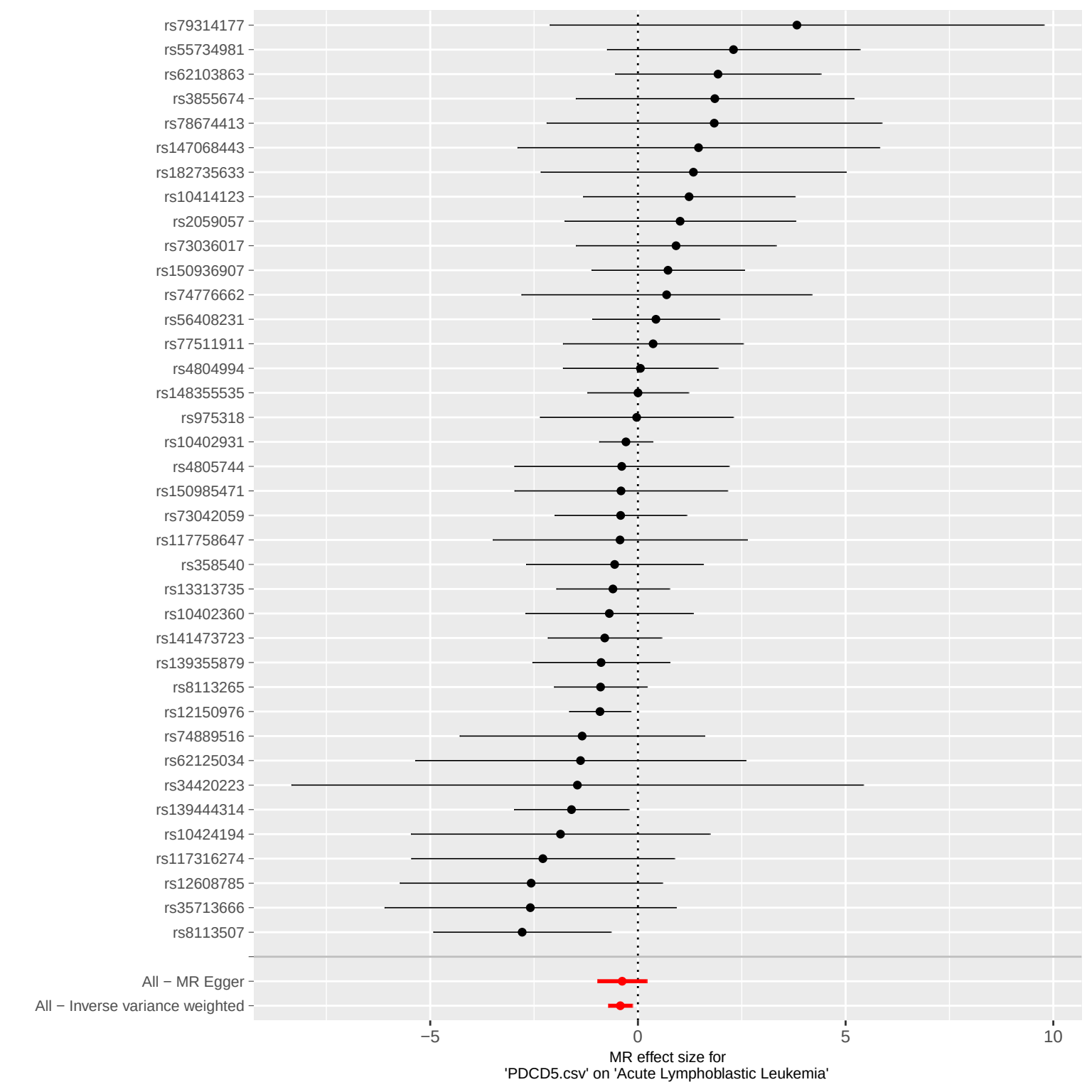
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'PCNXL3.csv' on 'Acute Lymphoblastic Leukemia'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rs4805744
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rs139444314
rs10424194
rs117316274
rs12608785
rs35713666
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All − MR Egger
All − Inverse variance weighted
−5
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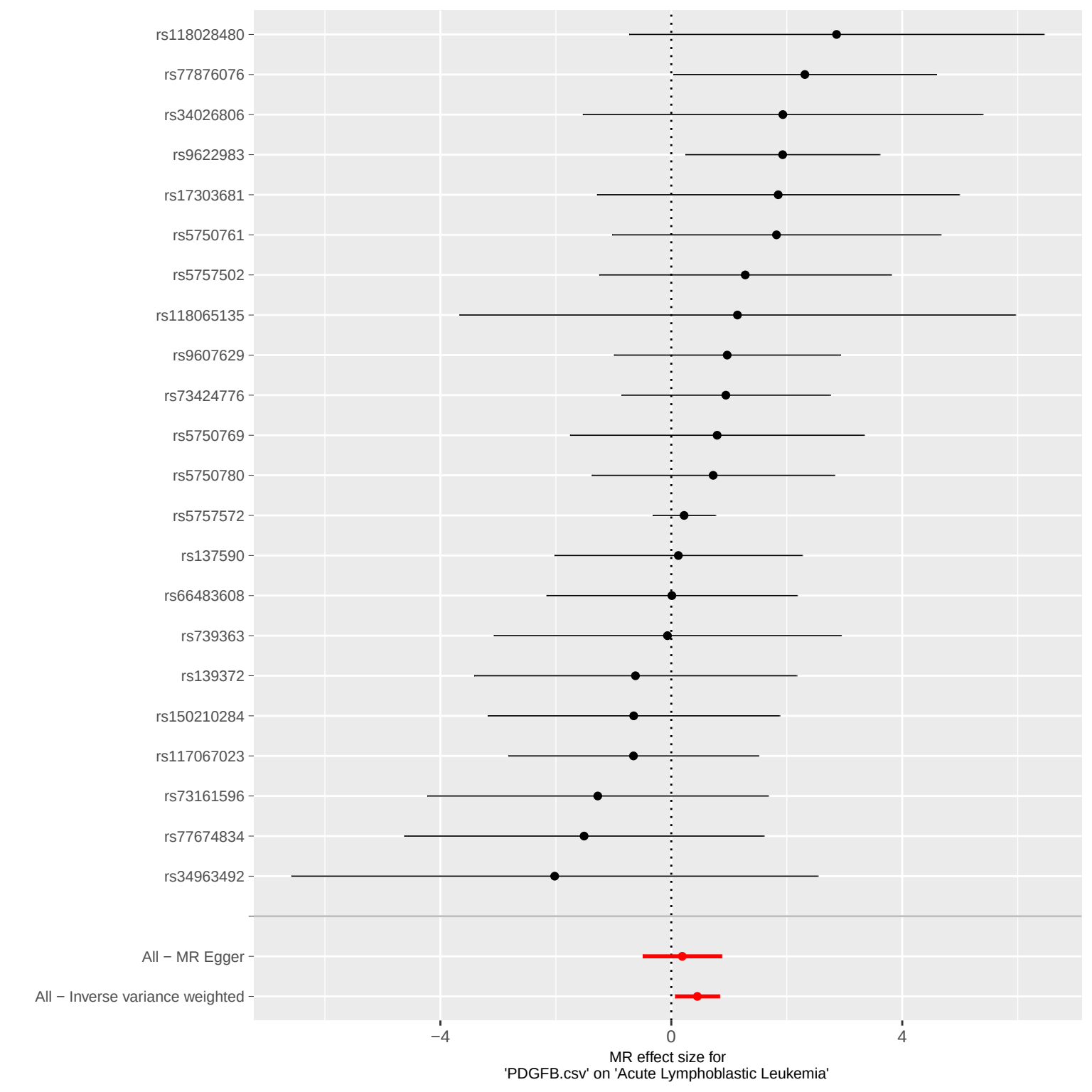
5
10
MR effect size for
'PDCD5.csv' on 'Acute Lymphoblastic Leukemia'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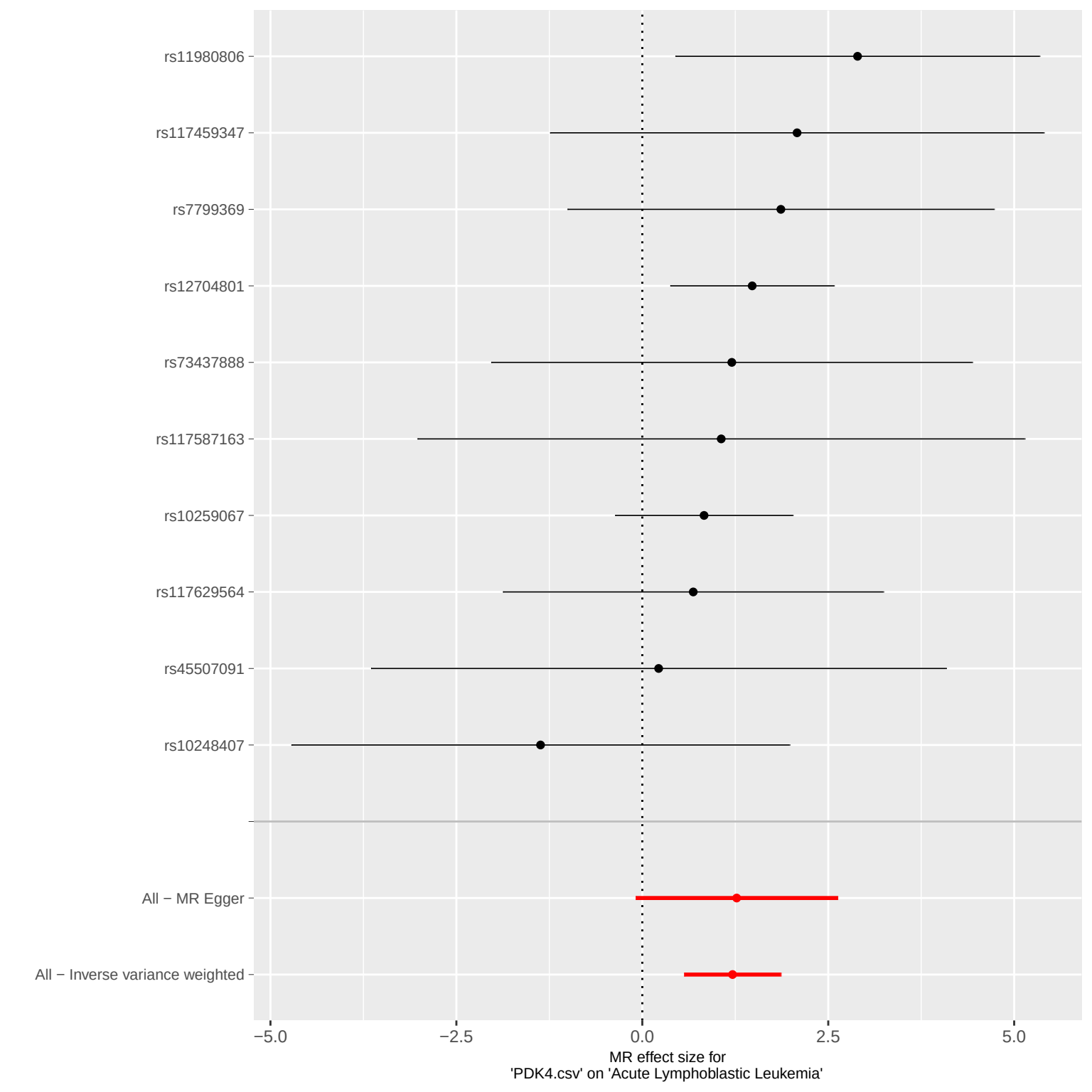
rs5757572
rs137590
rs66483608
rs739363
rs139372
rs150210284
rs117067023
rs73161596
rs77674834
rs34963492
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PDGFB.csv' on 'Acute Lymphoblastic Leukemia'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rs117587163
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rs10248407
All − MR Egger
All − Inverse variance weighted
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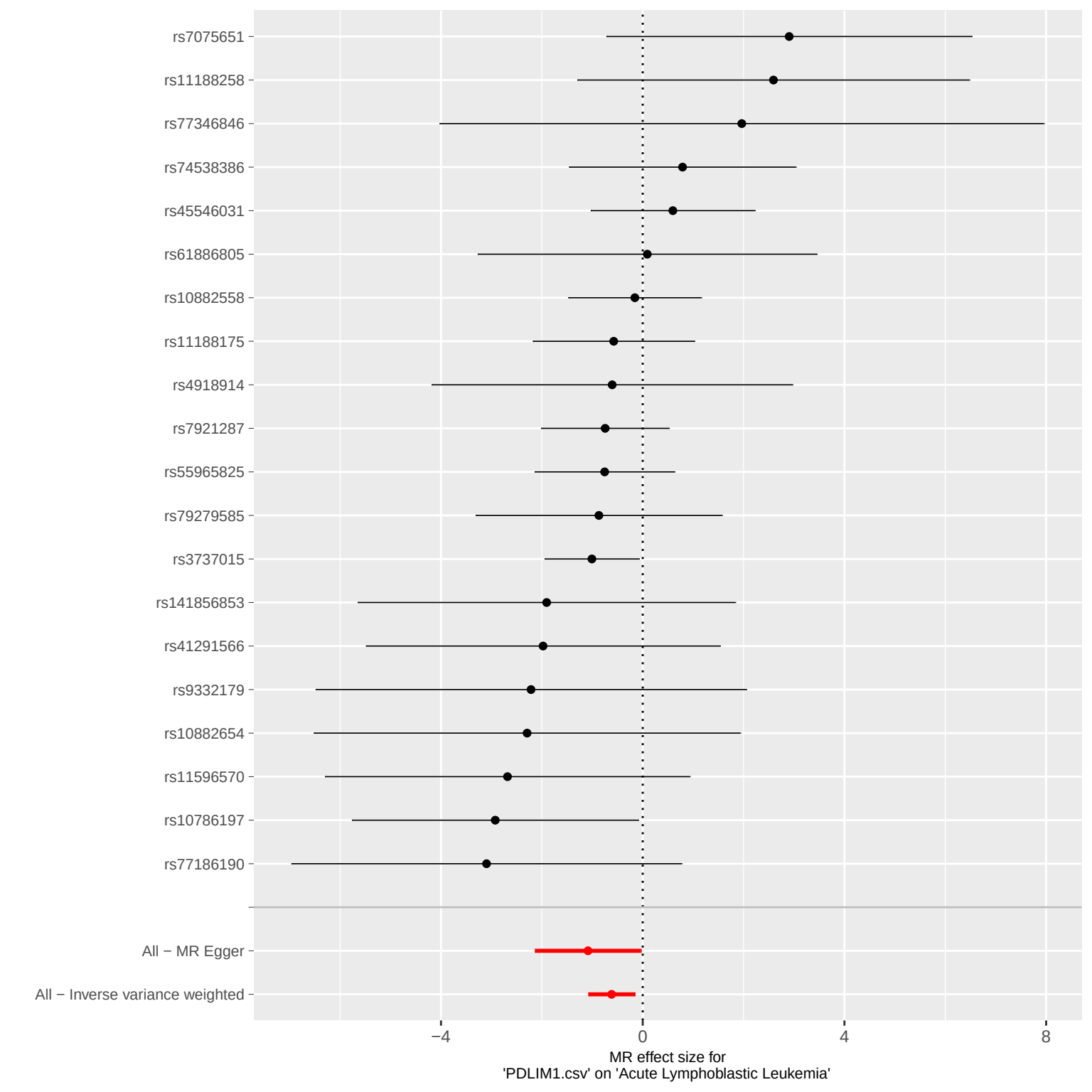
−2.5
0.0
2.5
5.0
MR effect size for
'PDK4.csv' on 'Acute Lymphoblastic Leukemia'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rs79279585
rs3737015
rs141856853
rs41291566
rs9332179
rs10882654
rs11596570
rs10786197
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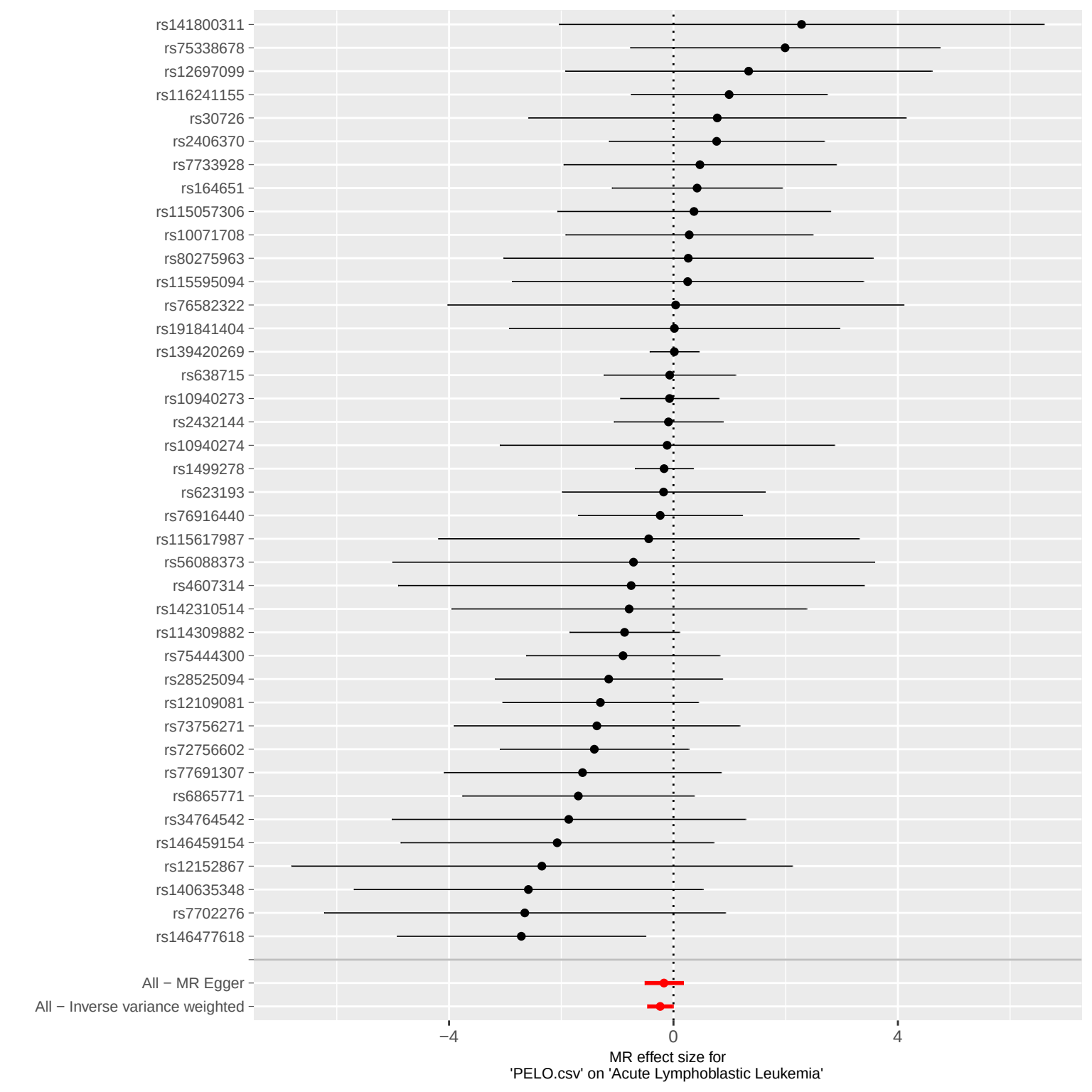
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'PDLIM1.csv' on 'Acute Lymphoblastic Leukemia'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rs34764542
rs146459154
rs12152867
rs140635348
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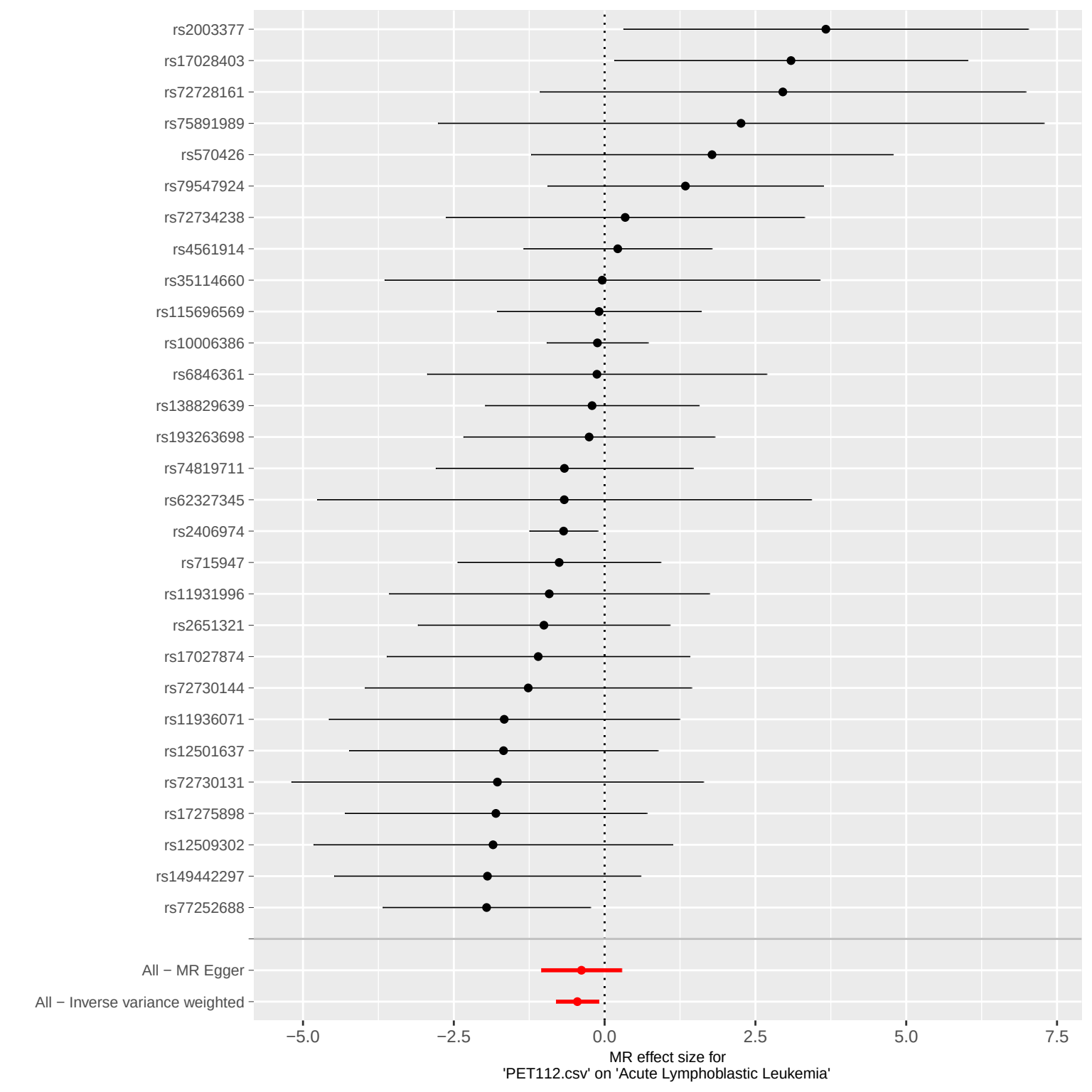
rs146477618
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PELO.csv' on 'Acute Lymphoblastic Leukemia'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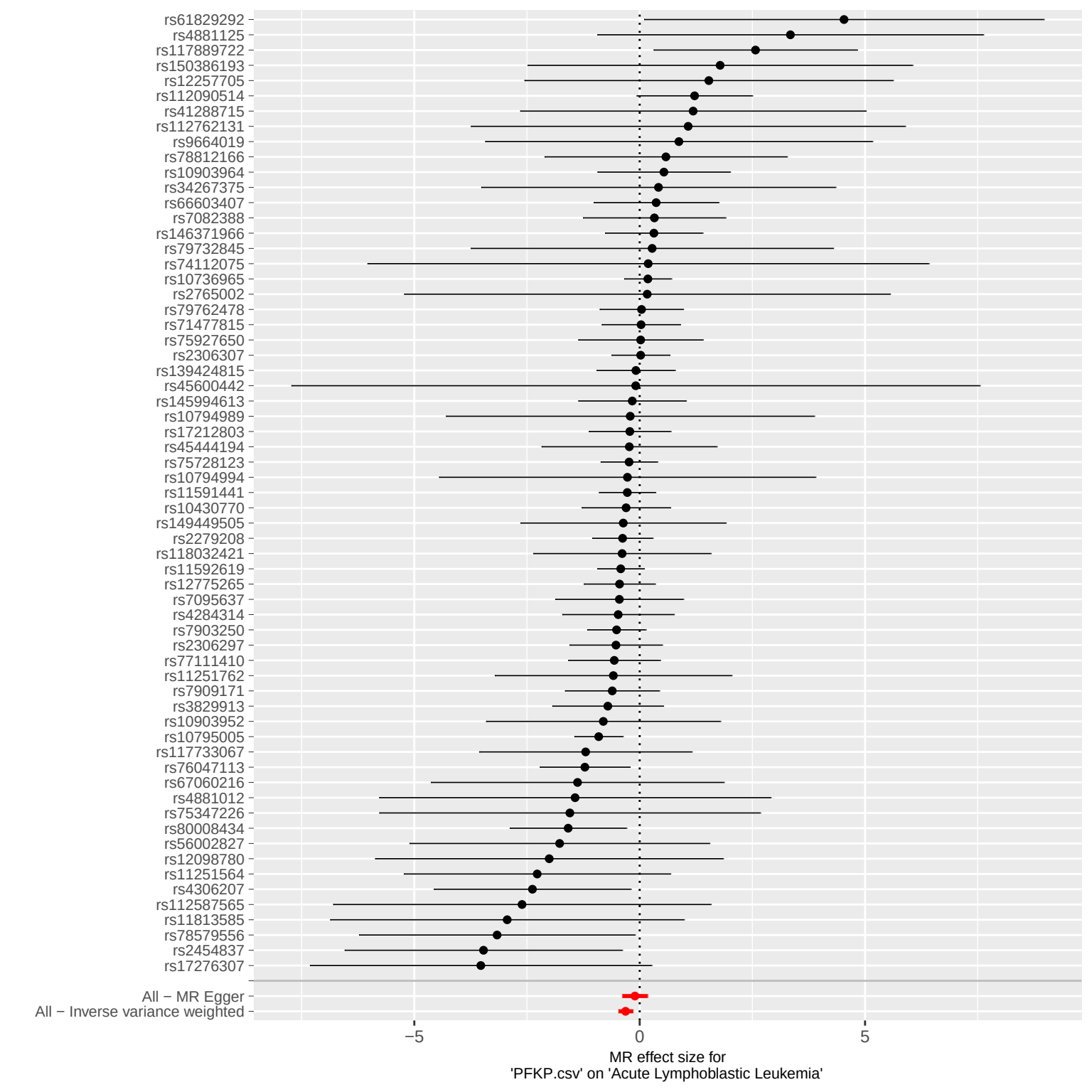
rs72730144
rs11936071
rs12501637
rs72730131
rs17275898
rs12509302
rs149442297
rs77252688
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'PET112.csv' on 'Acute Lymphoblastic Leukemia'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rs4306207
rs112587565
rs11813585
rs78579556
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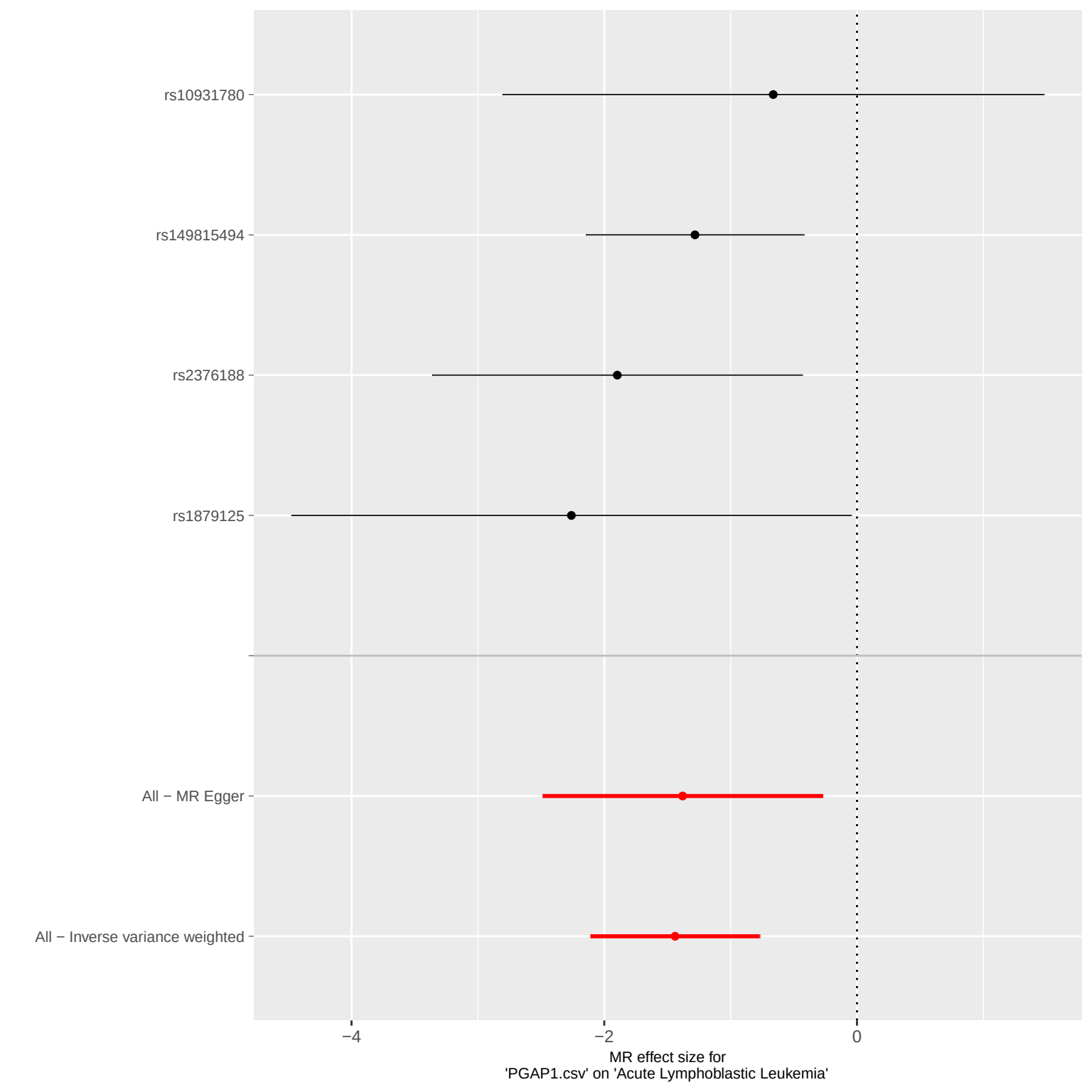
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PFKP.csv' on 'Acute Lymphoblastic Leukemia'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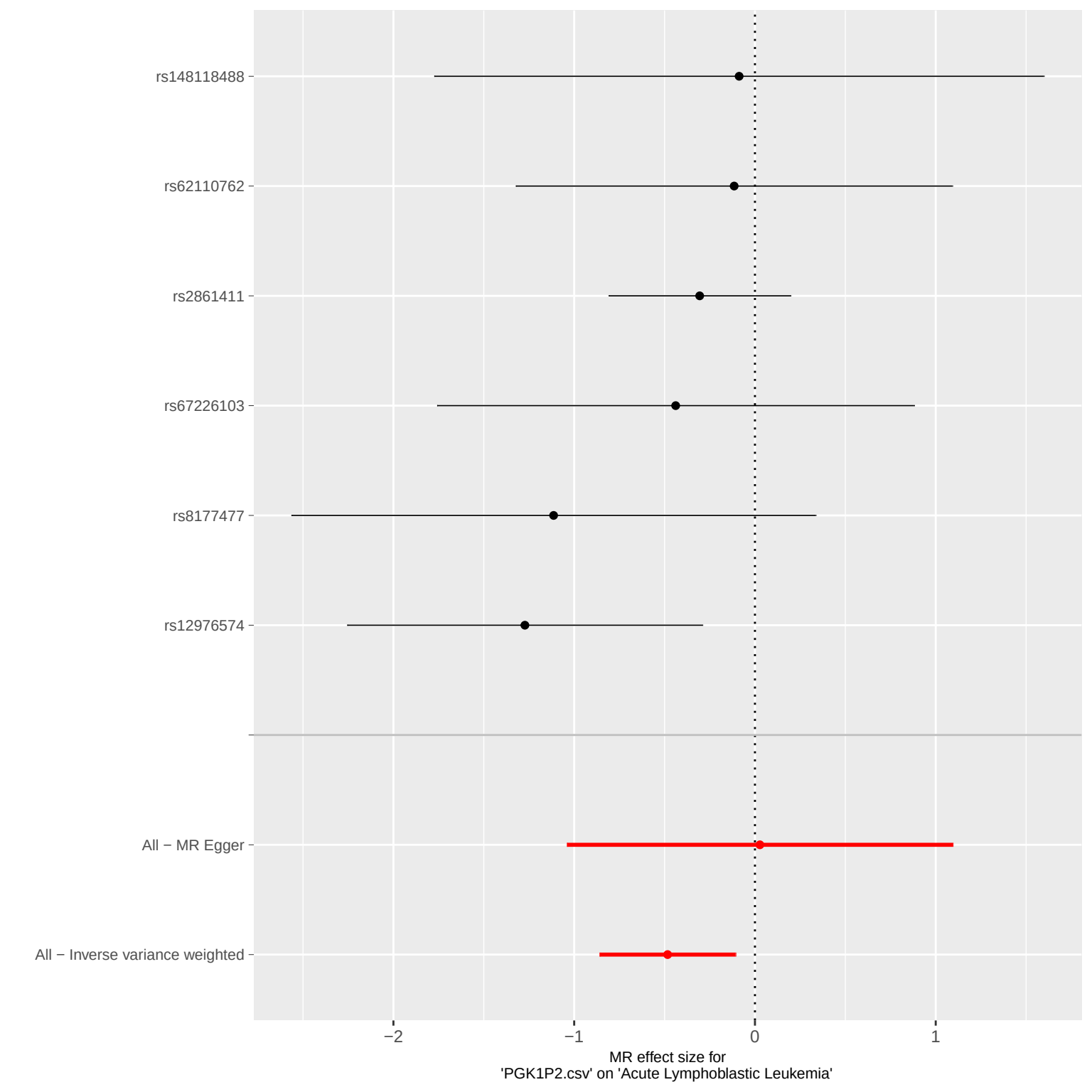
rs149815494
rs2376188
rs1879125
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'PGAP1.csv' on 'Acute Lymphoblastic Leukemia'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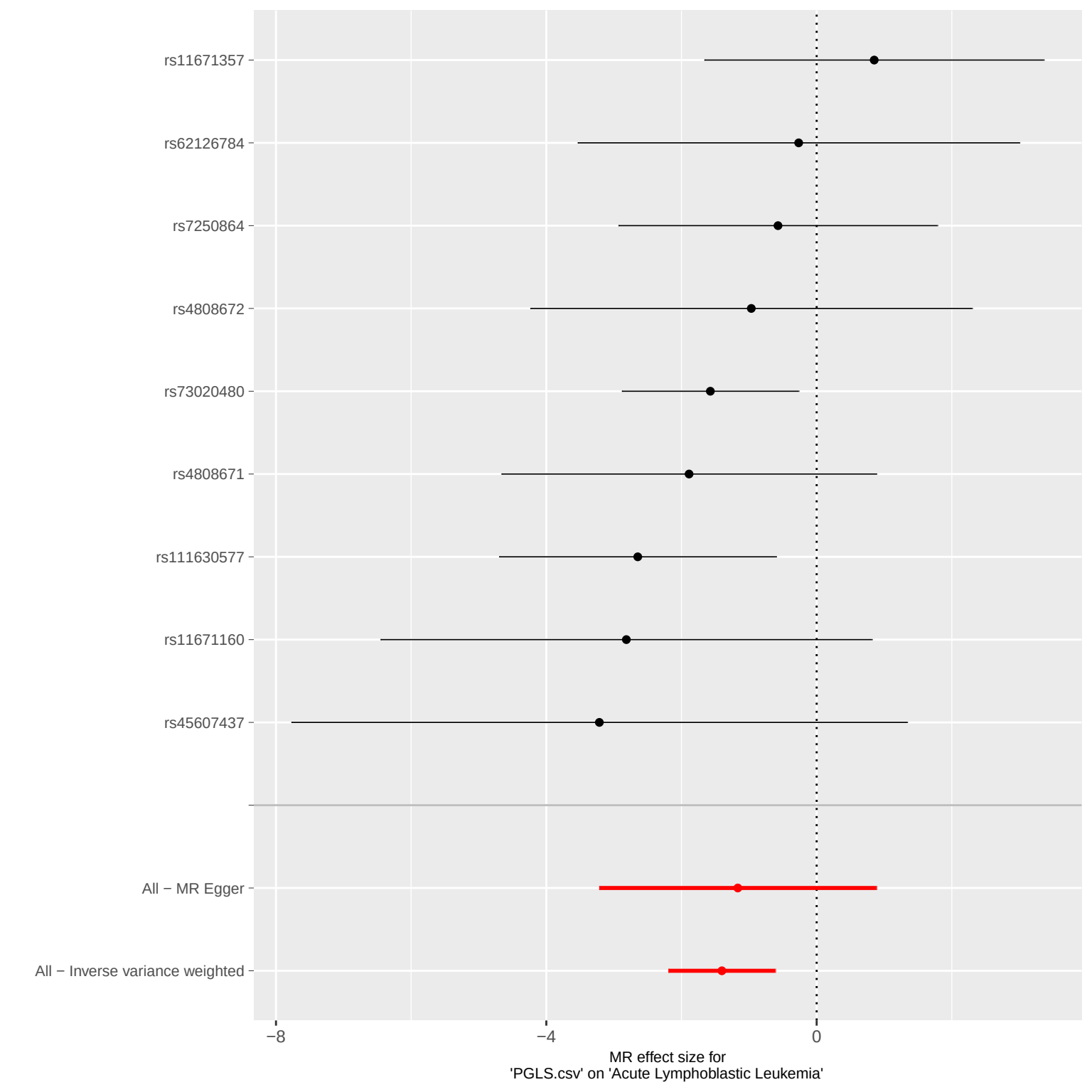
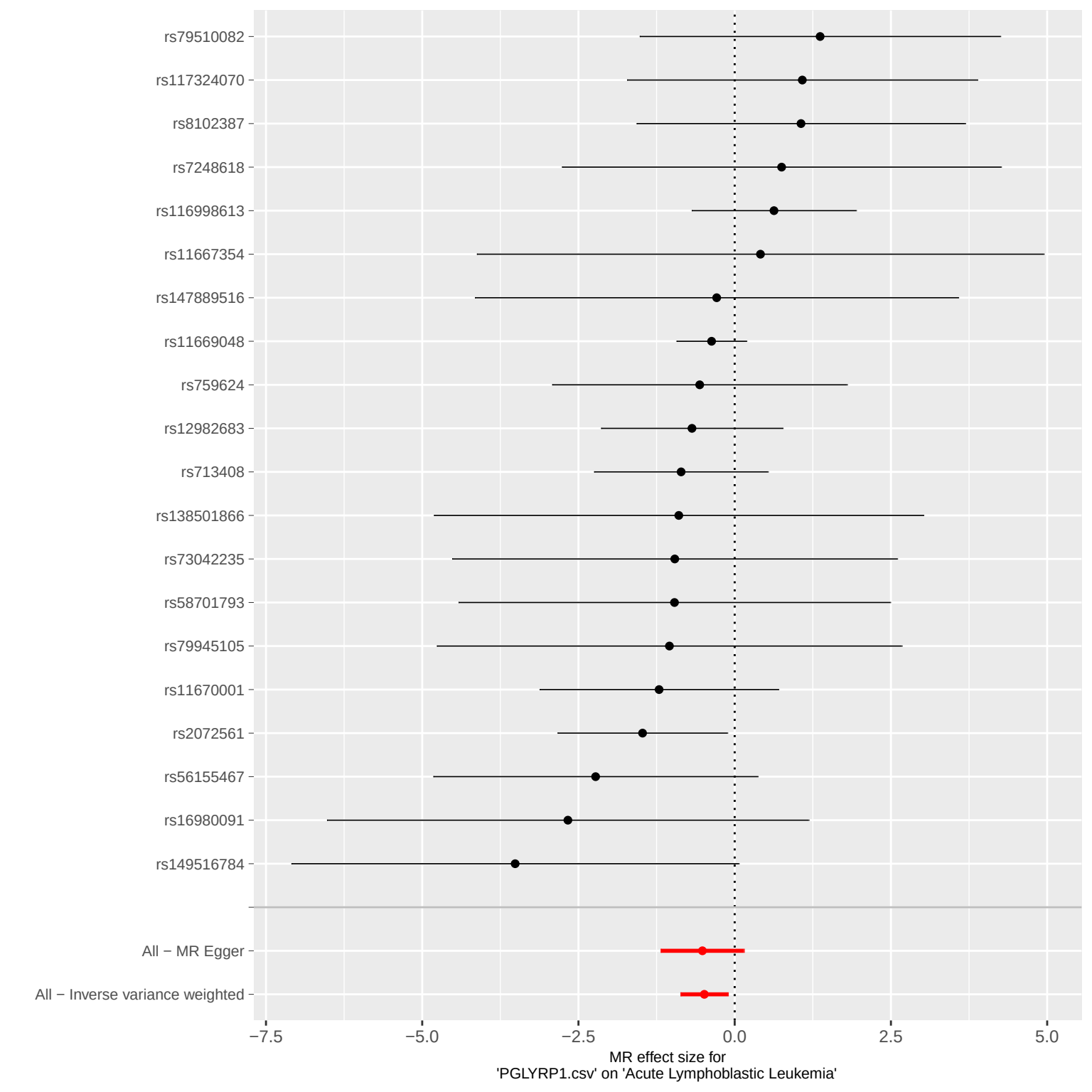
rs2861411
rs67226103
rs8177477
rs12976574
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'PGK1P2.csv' on 'Acute Lymphoblastic Leukemia'


rs11671357
rs62126784
rs7250864
rs4808672
rs73020480
rs4808671
rs111630577
rs11671160
rs45607437
All − MR Egger
All − Inverse variance weighted
−8
−4
0
MR effect size for
'PGLS.csv' on 'Acute Lymphoblastic Leukemia'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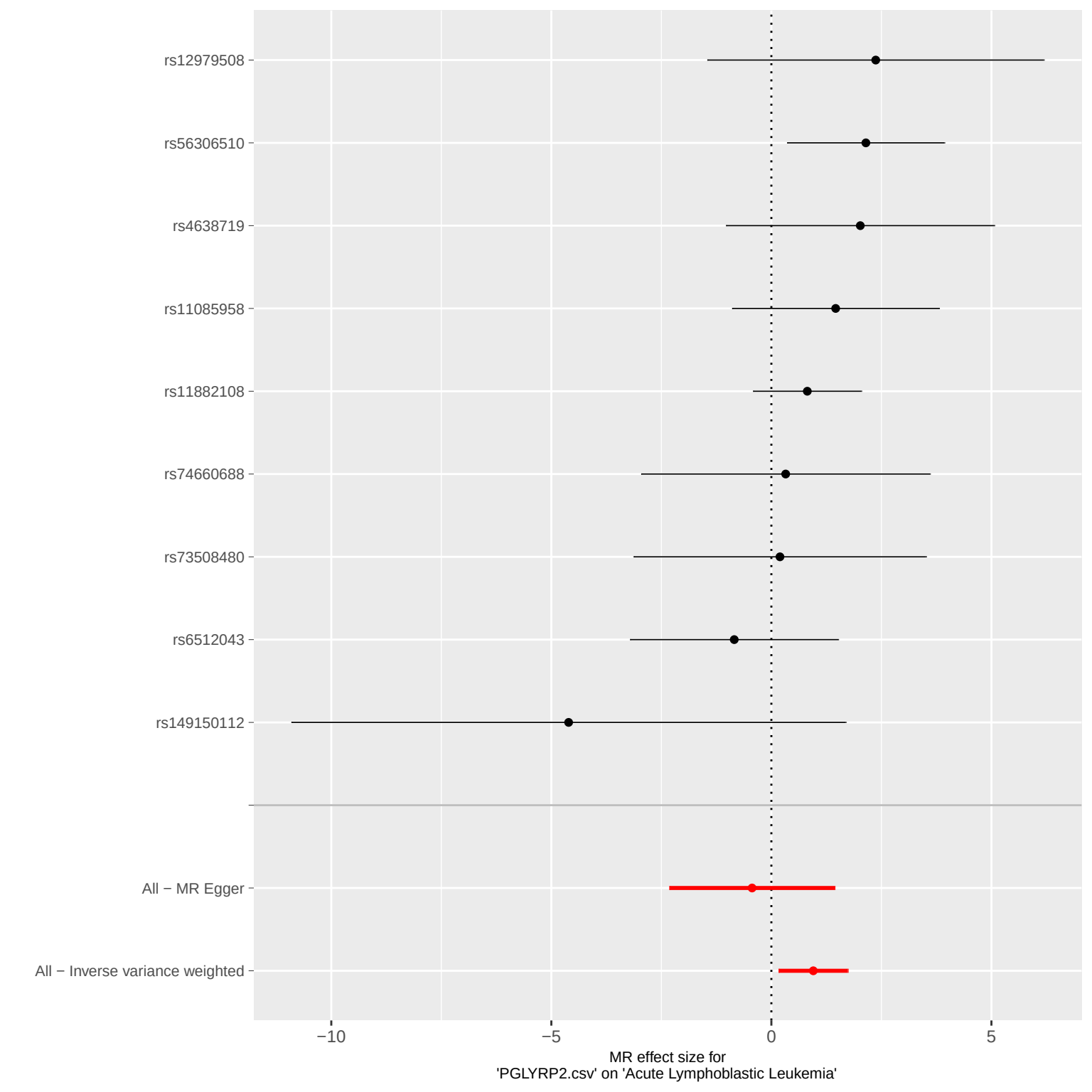
rs12982683
rs713408
rs138501866
rs73042235
rs58701793
rs79945105
rs11670001
rs2072561
rs56155467
rs16980091
rs149516784
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PGLYRP1.csv' on 'Acute Lymphoblastic Leukemia'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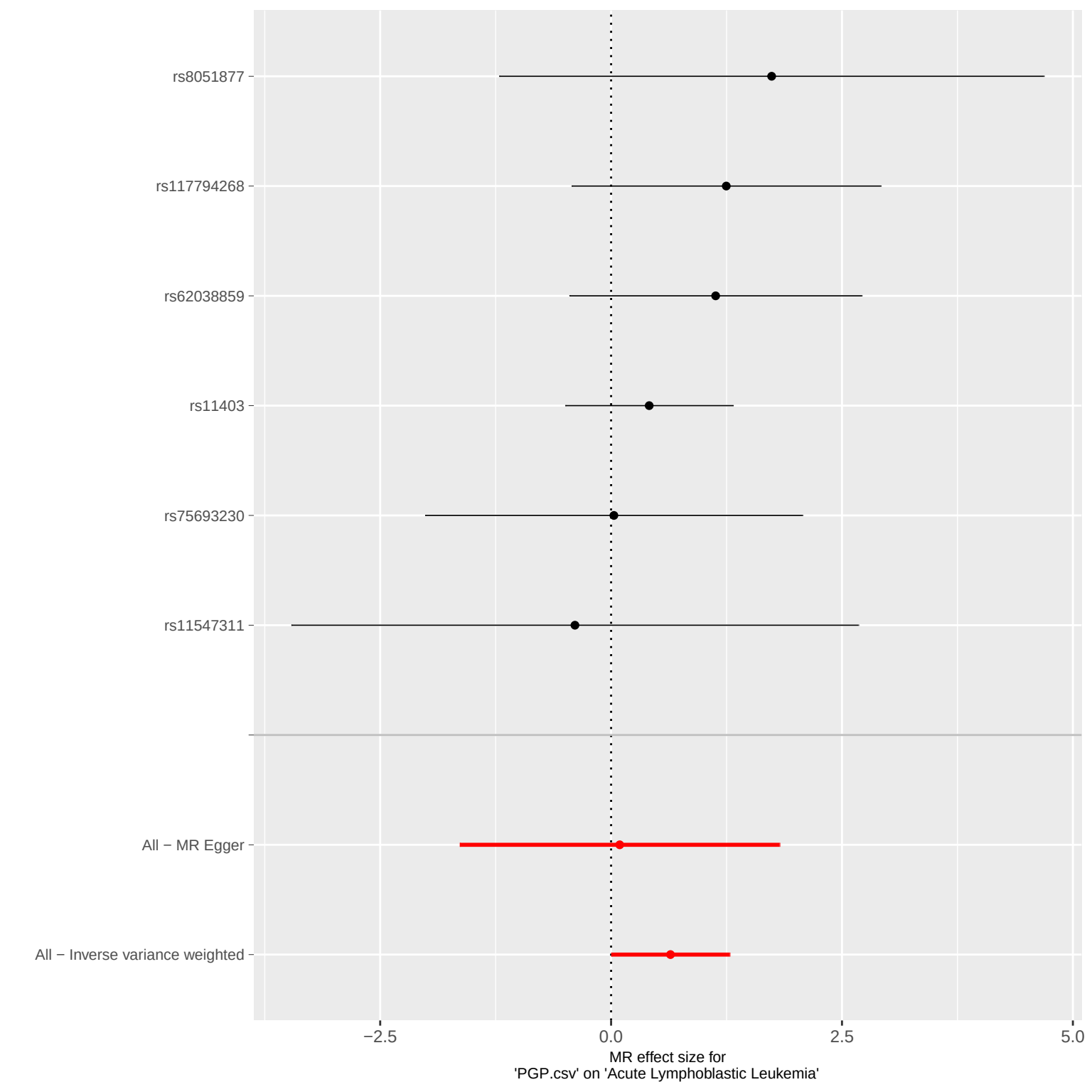
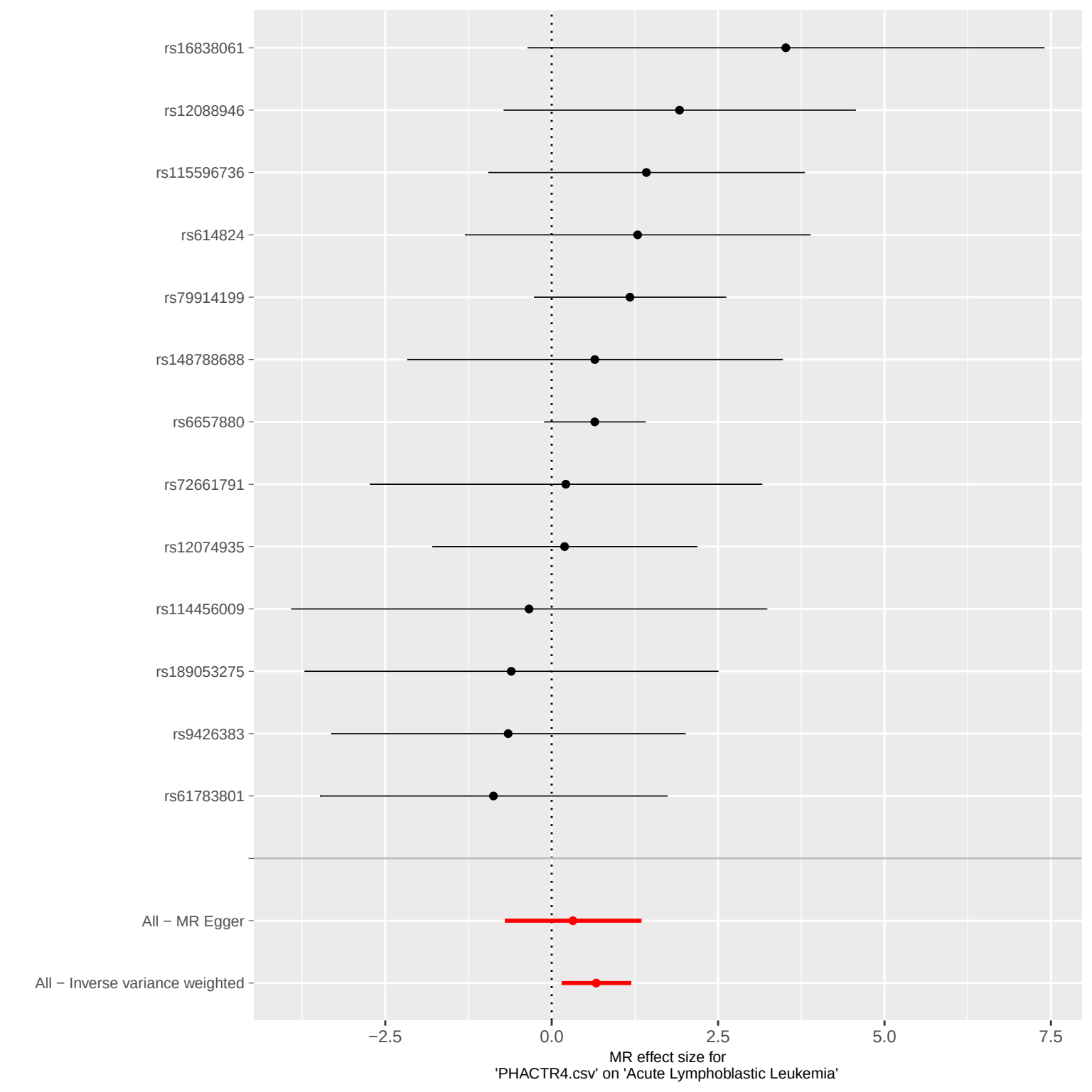
rs56306510
rs4638719
rs11085958
rs11882108
rs74660688
rs73508480
rs6512043
rs149150112
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'PGLYRP2.csv' on 'Acute Lymphoblastic Leukemia'


rs8051877
rs117794268
rs62038859
rs11403
rs75693230
rs11547311
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'PGP.csv' on 'Acute Lymphoblastic Leukemia'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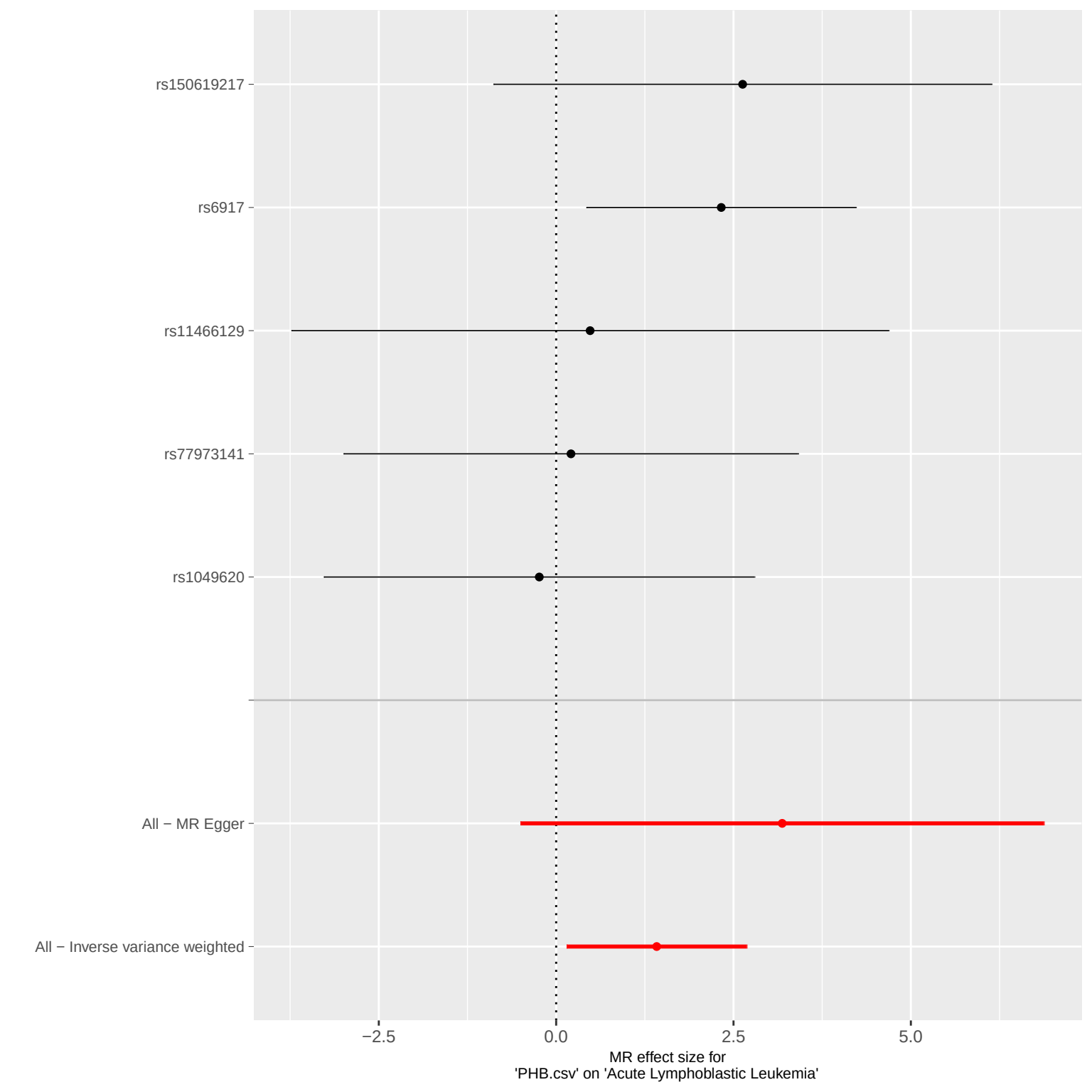
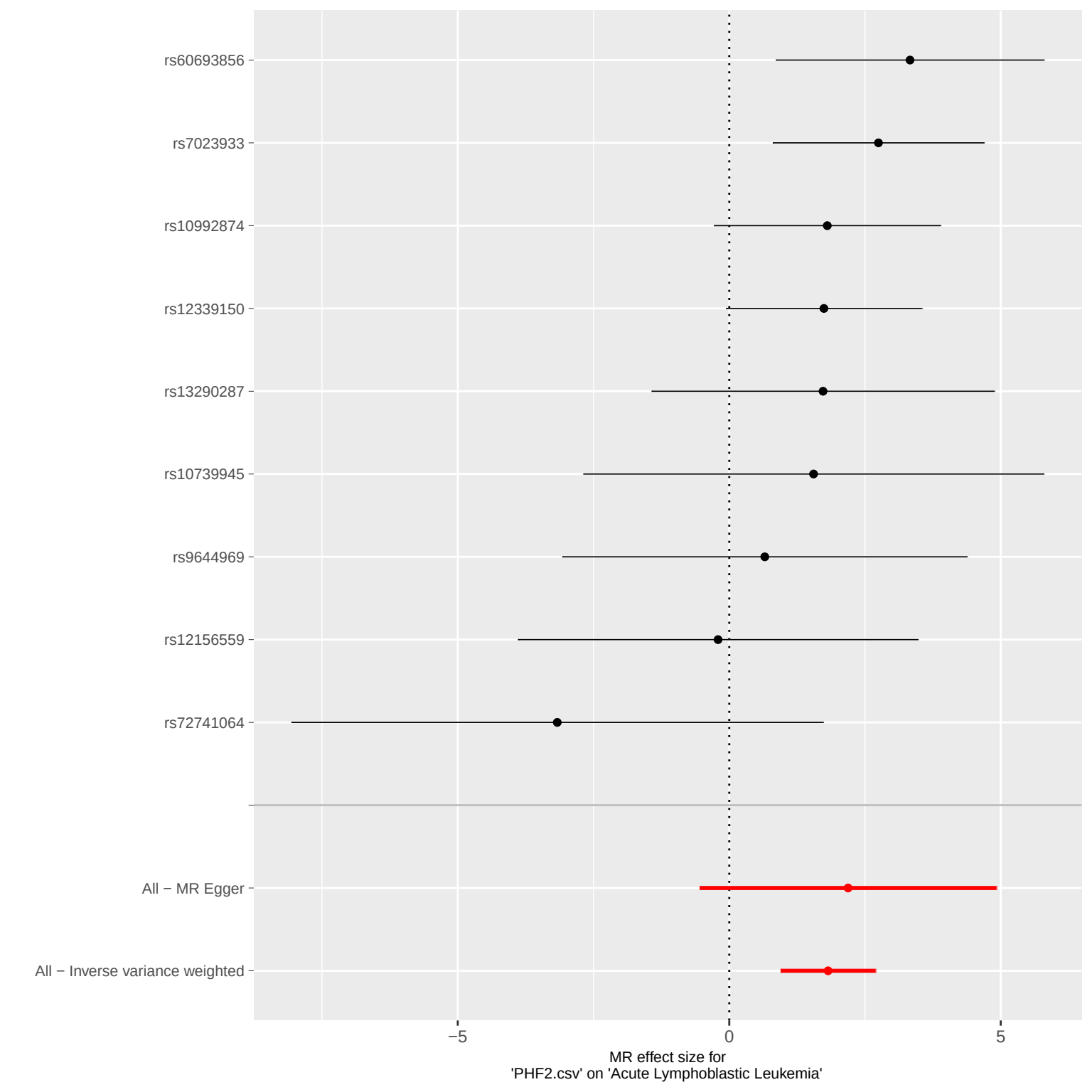
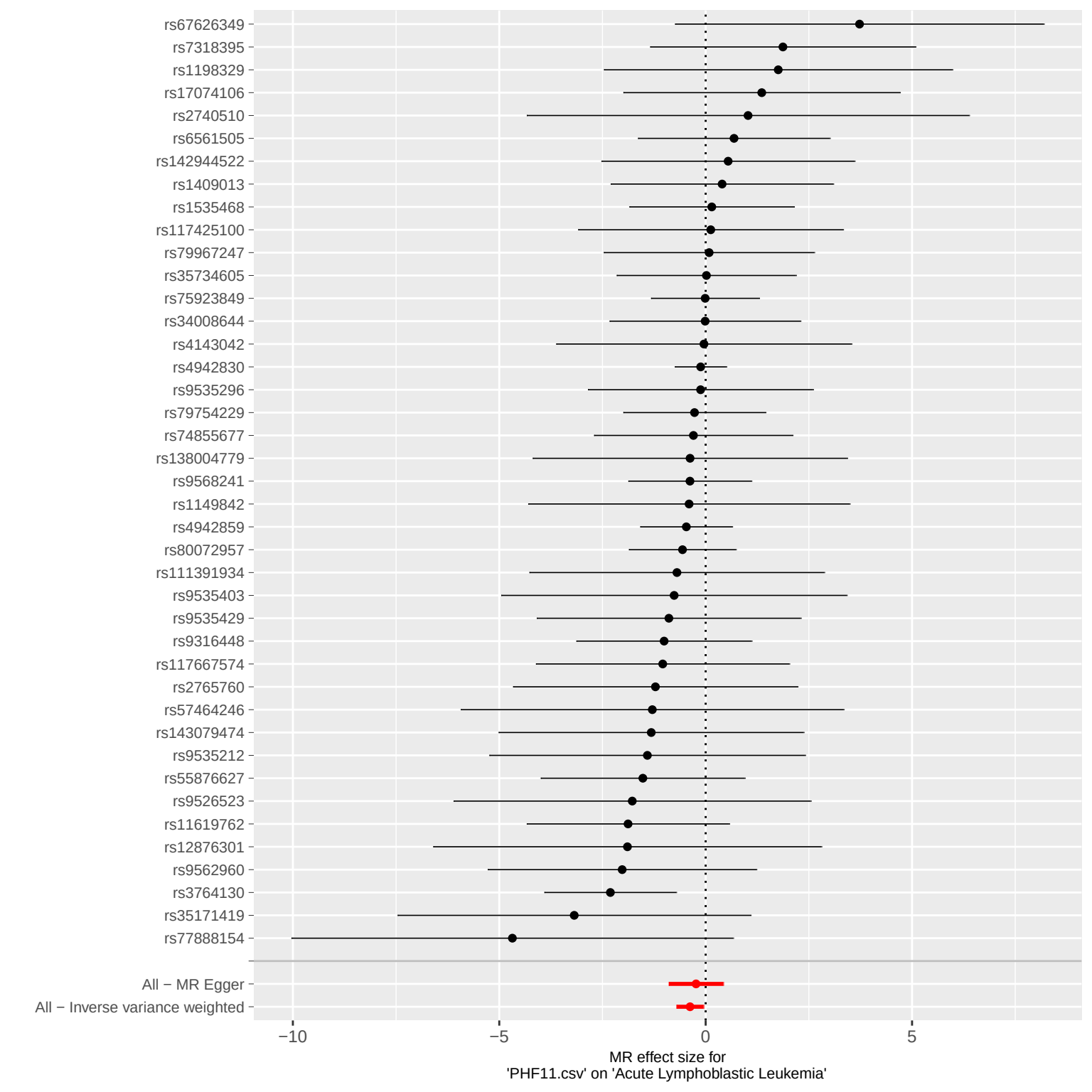
rs79914199
rs148788688
rs6657880
rs72661791
rs12074935
rs114456009
rs189053275
rs9426383
rs61783801
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'PHACTR4.csv' on 'Acute Lymphoblastic Leukemia'


rs150619217
rs6917
rs11466129
rs77973141
rs1049620
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'PHB.csv' on 'Acute Lymphoblastic Leukemia'


rs60693856
rs7023933
rs10992874
rs12339150
rs13290287
rs10739945
rs9644969
rs12156559
rs72741064
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PHF2.csv' on 'Acute Lymphoblastic Leukemia'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rs17074106
rs2740510
rs6561505
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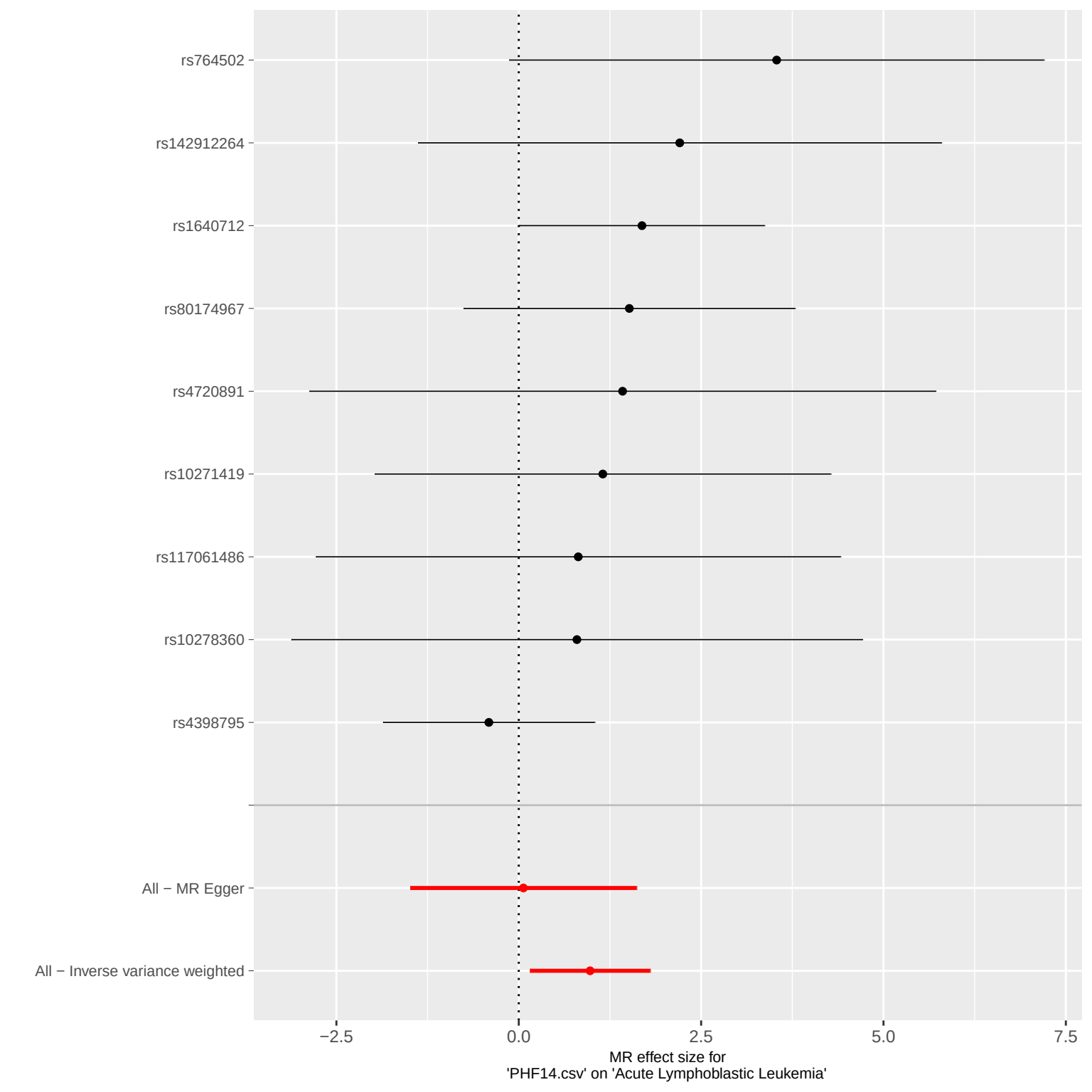
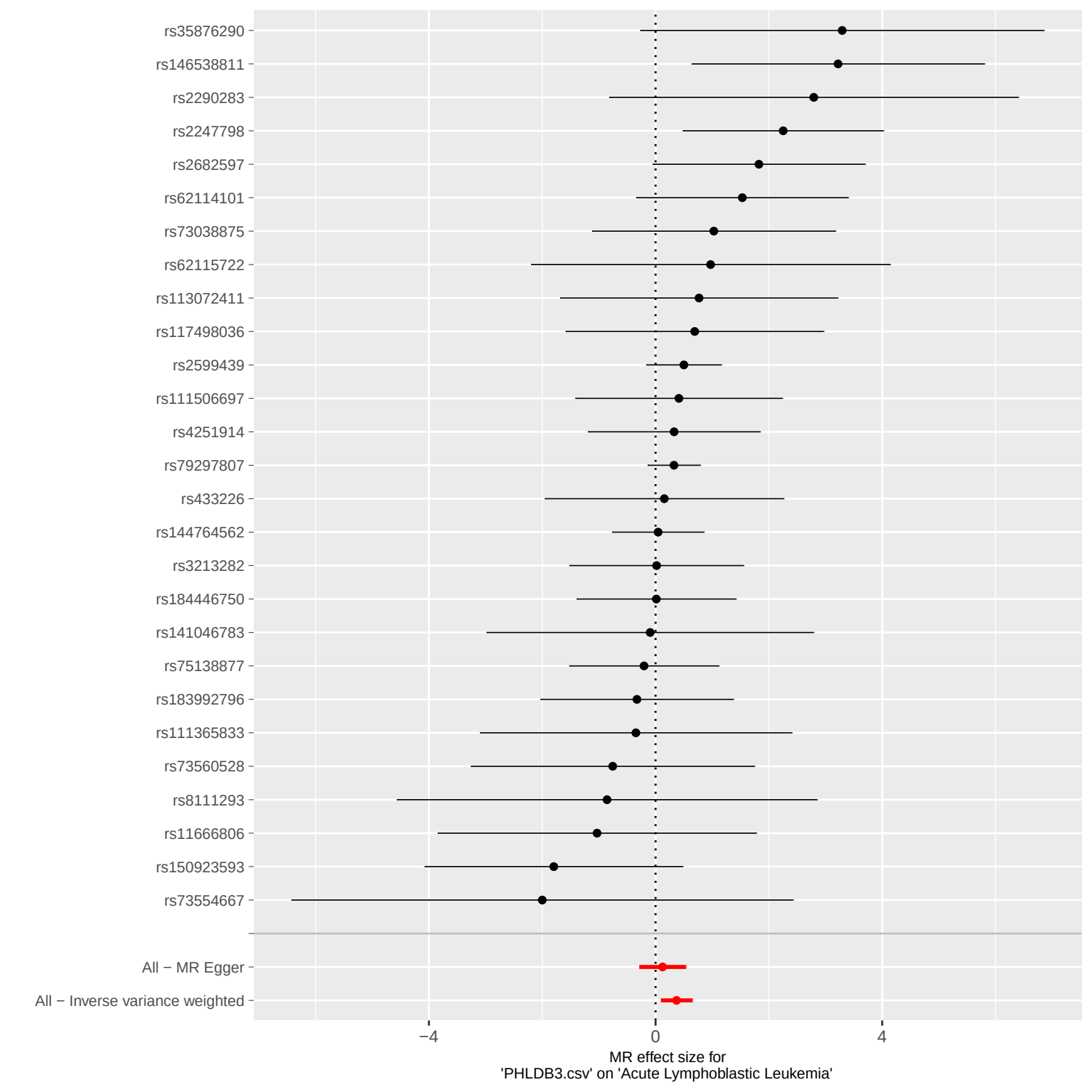
rs1535468
rs117425100
rs79967247
rs35734605
rs75923849
rs34008644
rs4143042
rs4942830
rs9535296
rs79754229
rs74855677
rs138004779
rs9568241
rs1149842
rs4942859
rs80072957
rs111391934
rs9535403
rs9535429
rs9316448
rs117667574
rs2765760
rs57464246
rs143079474
rs9535212
rs55876627
rs9526523
rs11619762
rs12876301
rs9562960
rs3764130
rs35171419
rs77888154
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'PHF11.csv' on 'Acute Lymphoblastic Leukemia'


rs764502
rs142912264
rs1640712
rs80174967
rs4720891
rs10271419
rs117061486
rs10278360
rs4398795
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'PHF14.csv' on 'Acute Lymphoblastic Leukemia'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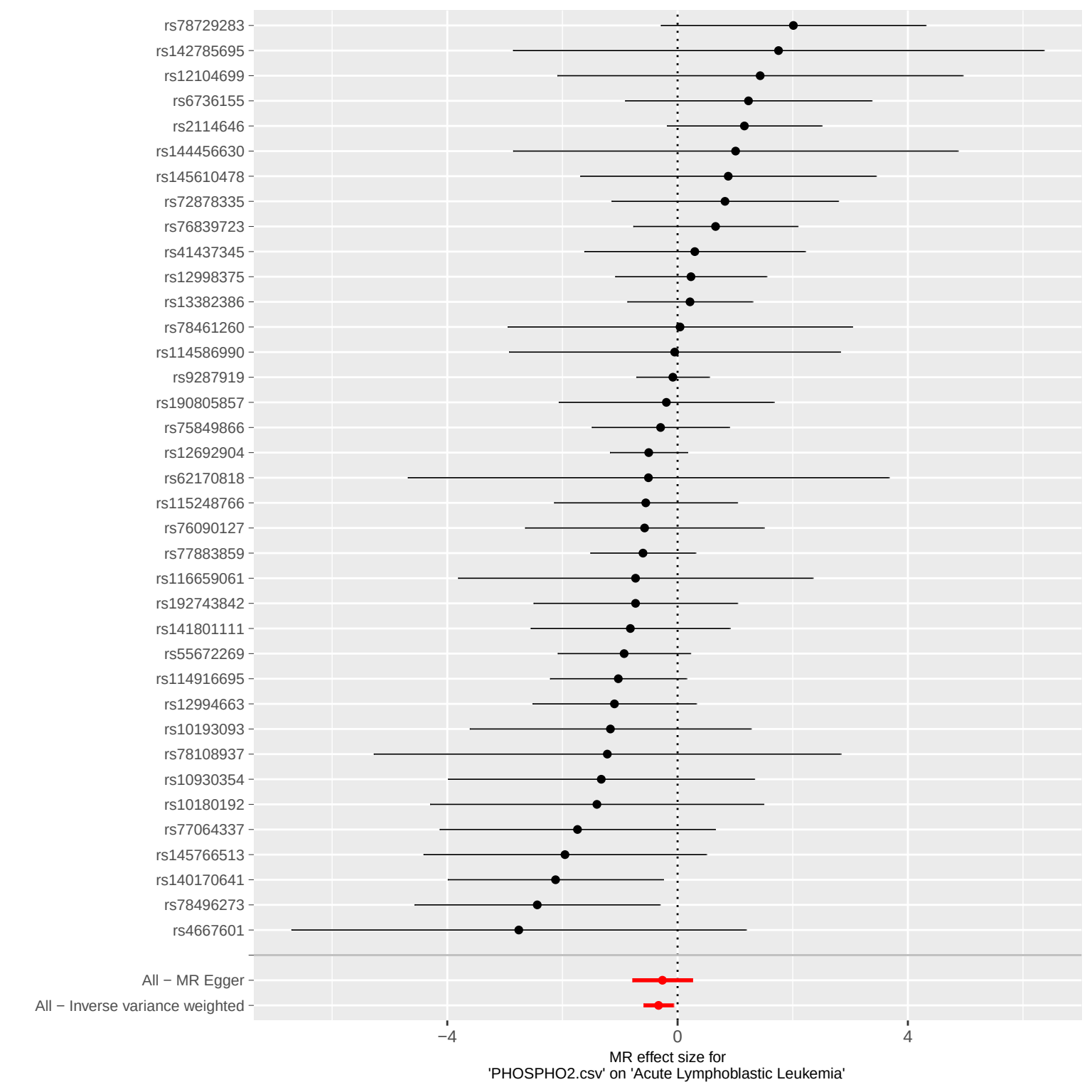
rs117498036
rs2599439
rs111506697
rs4251914
rs79297807
rs433226
rs144764562
rs3213282
rs184446750
rs141046783
rs75138877
rs183992796
rs111365833
rs73560528
rs8111293
rs11666806
rs150923593
rs73554667
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PHLDB3.csv' on 'Acute Lymphoblastic Leukemia'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rs12104699
rs6736155
rs2114646
rs144456630
rs145610478
rs72878335
rs76839723
rs41437345
rs12998375
rs13382386
rs78461260
rs114586990
rs9287919
rs190805857
rs75849866
rs12692904
rs62170818
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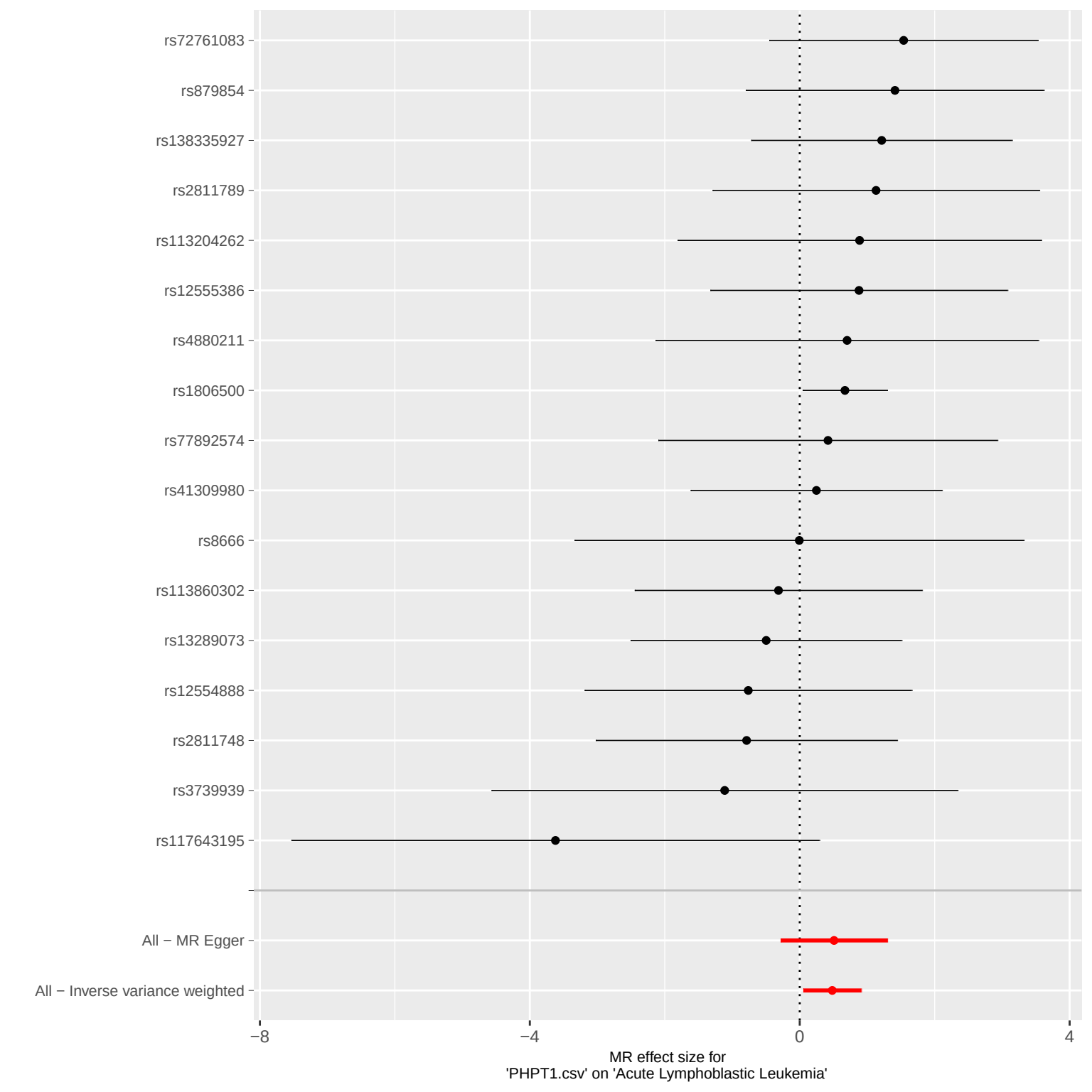
rs76090127
rs77883859
rs116659061
rs192743842
rs141801111
rs55672269
rs114916695
rs12994663
rs10193093
rs78108937
rs10930354
rs10180192
rs77064337
rs145766513
rs140170641
rs78496273
rs4667601
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PHOSPHO2.csv' on 'Acute Lymphoblastic Leukemia'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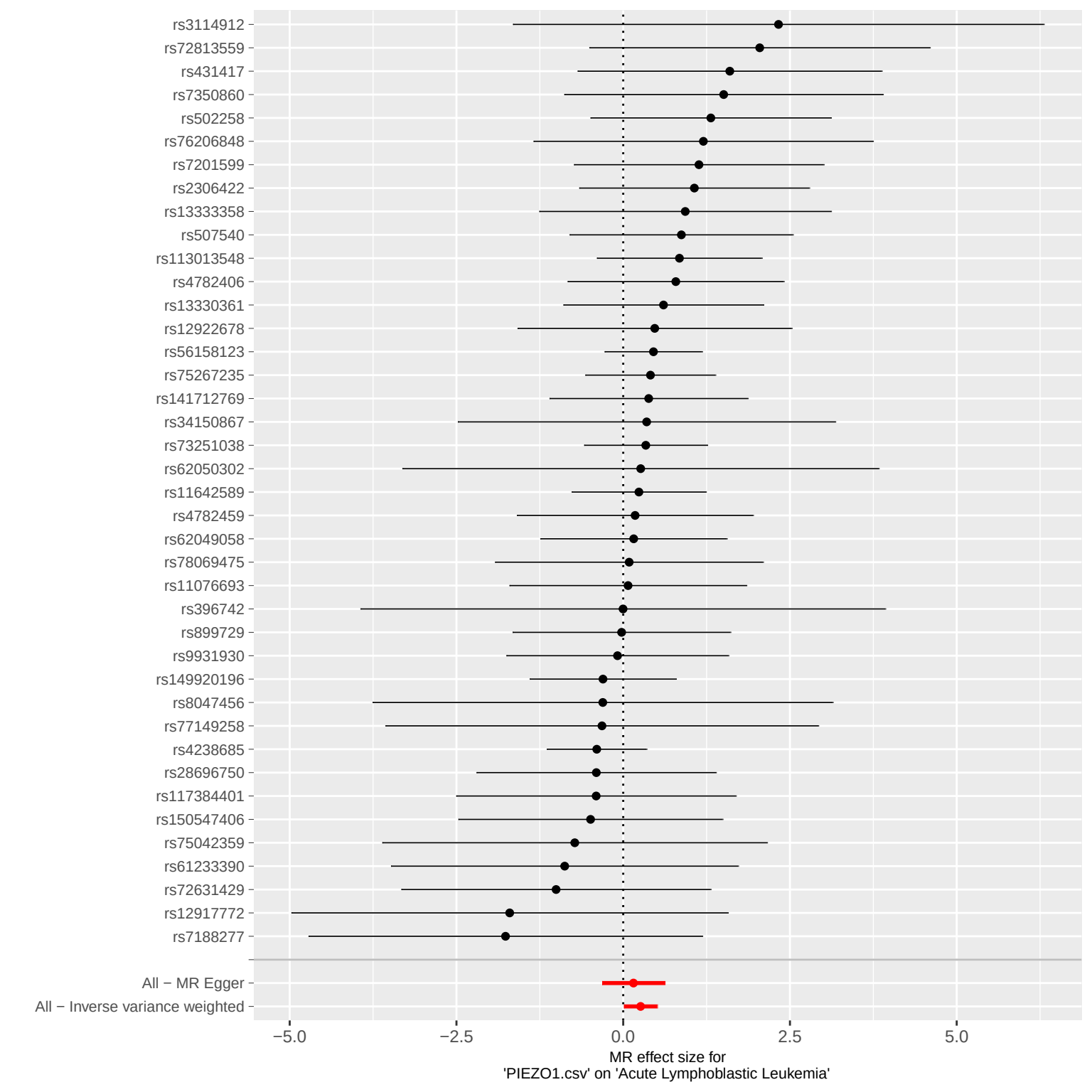
rs1806500
rs77892574
rs41309980
rs8666
rs113860302
rs13289073
rs12554888
rs2811748
rs3739939
rs117643195
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'PHPT1.csv' on 'Acute Lymphoblastic Leukemia'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rs76206848
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rs113013548
rs4782406
rs13330361
rs12922678
rs56158123
rs75267235
rs141712769
rs34150867
rs73251038
rs62050302
rs11642589
rs4782459
rs62049058
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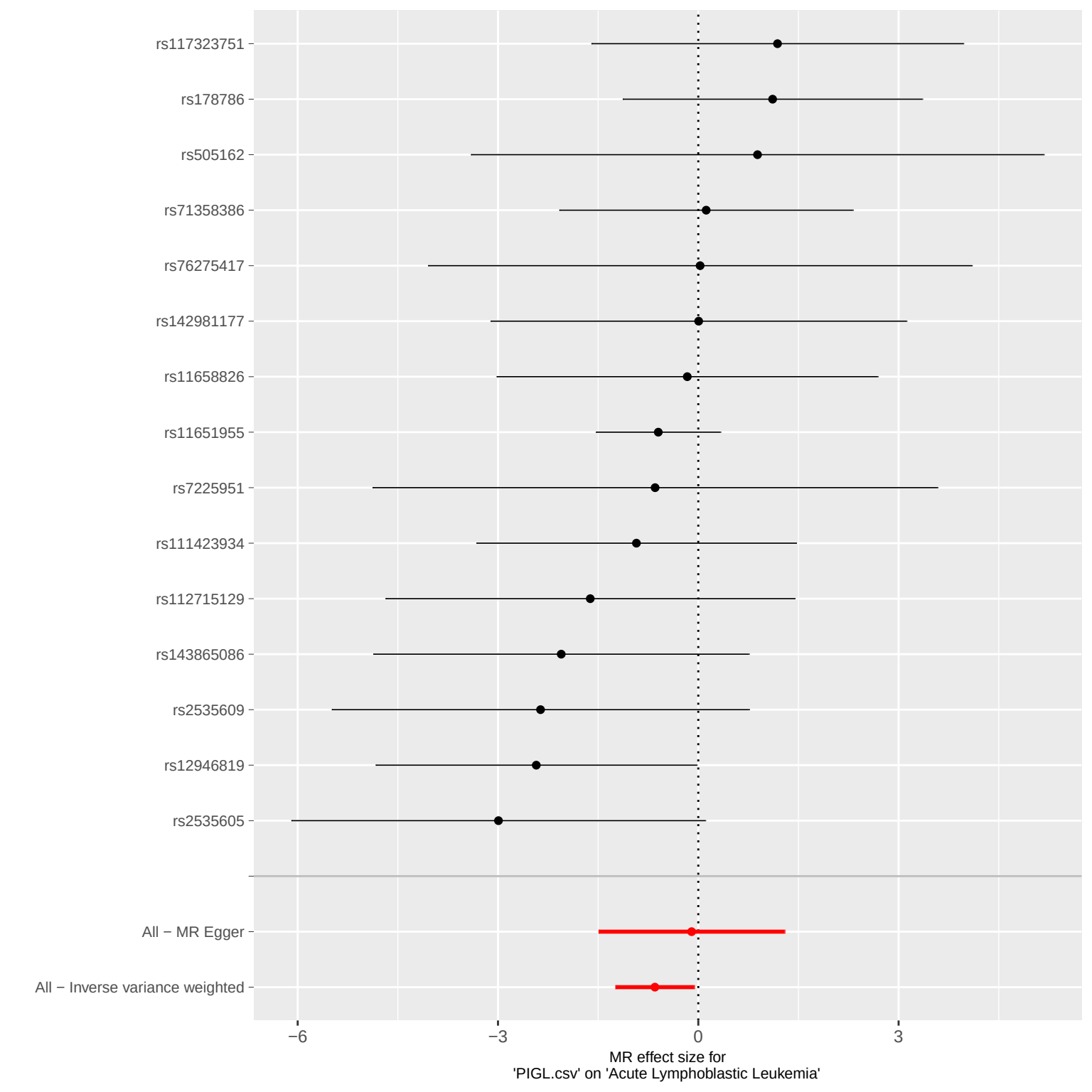
rs11076693
rs396742
rs899729
rs9931930
rs149920196
rs8047456
rs77149258
rs4238685
rs28696750
rs117384401
rs150547406
rs75042359
rs61233390
rs72631429
rs12917772
rs7188277
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PIEZO1.csv' on 'Acute Lymphoblastic Leukemia'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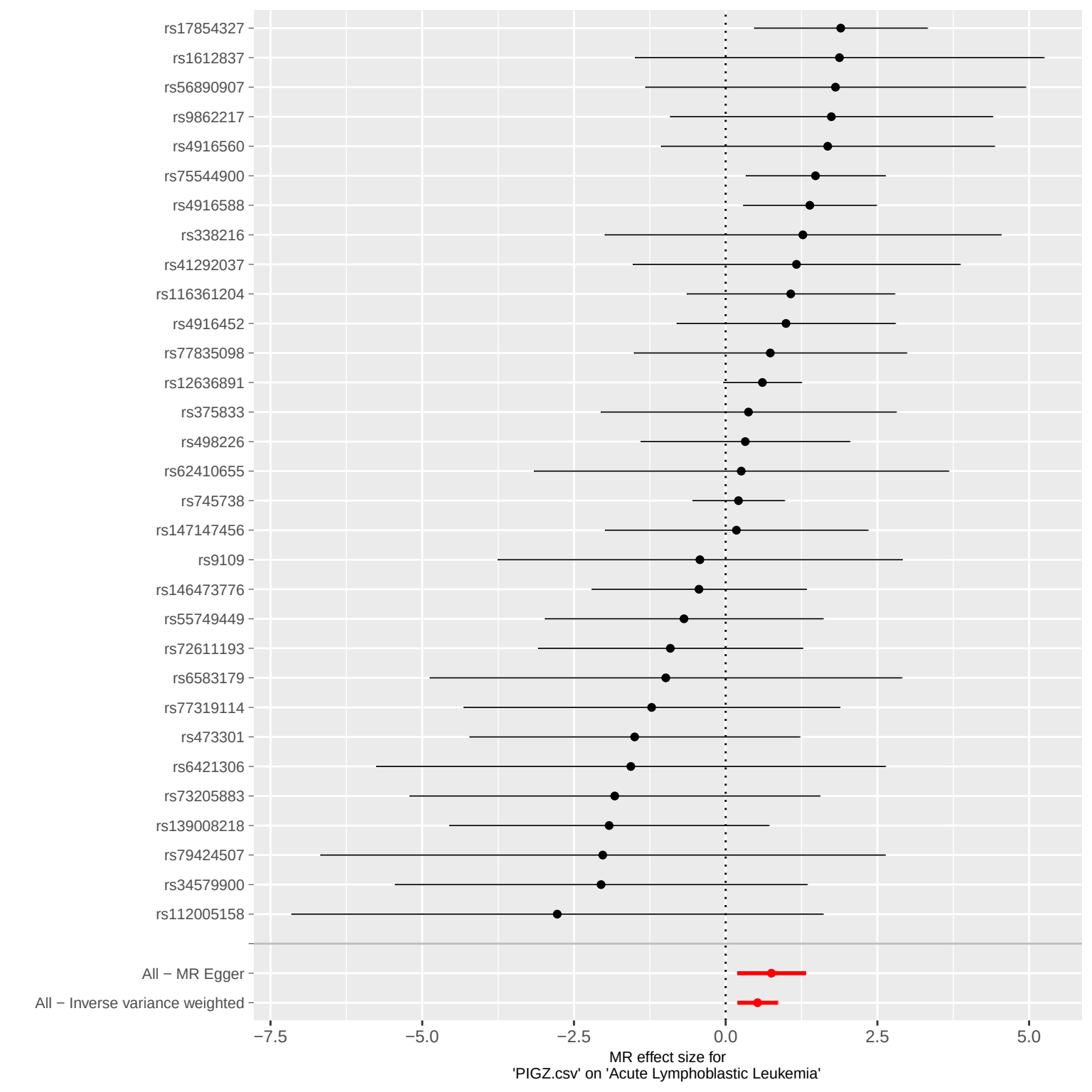
rs505162
rs71358386
rs76275417
rs142981177
rs11658826
rs11651955
rs7225951
rs111423934
rs112715129
rs143865086
rs2535609
rs12946819
rs2535605
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'PIGL.csv' on 'Acute Lymphoblastic Leukemia'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rs75544900
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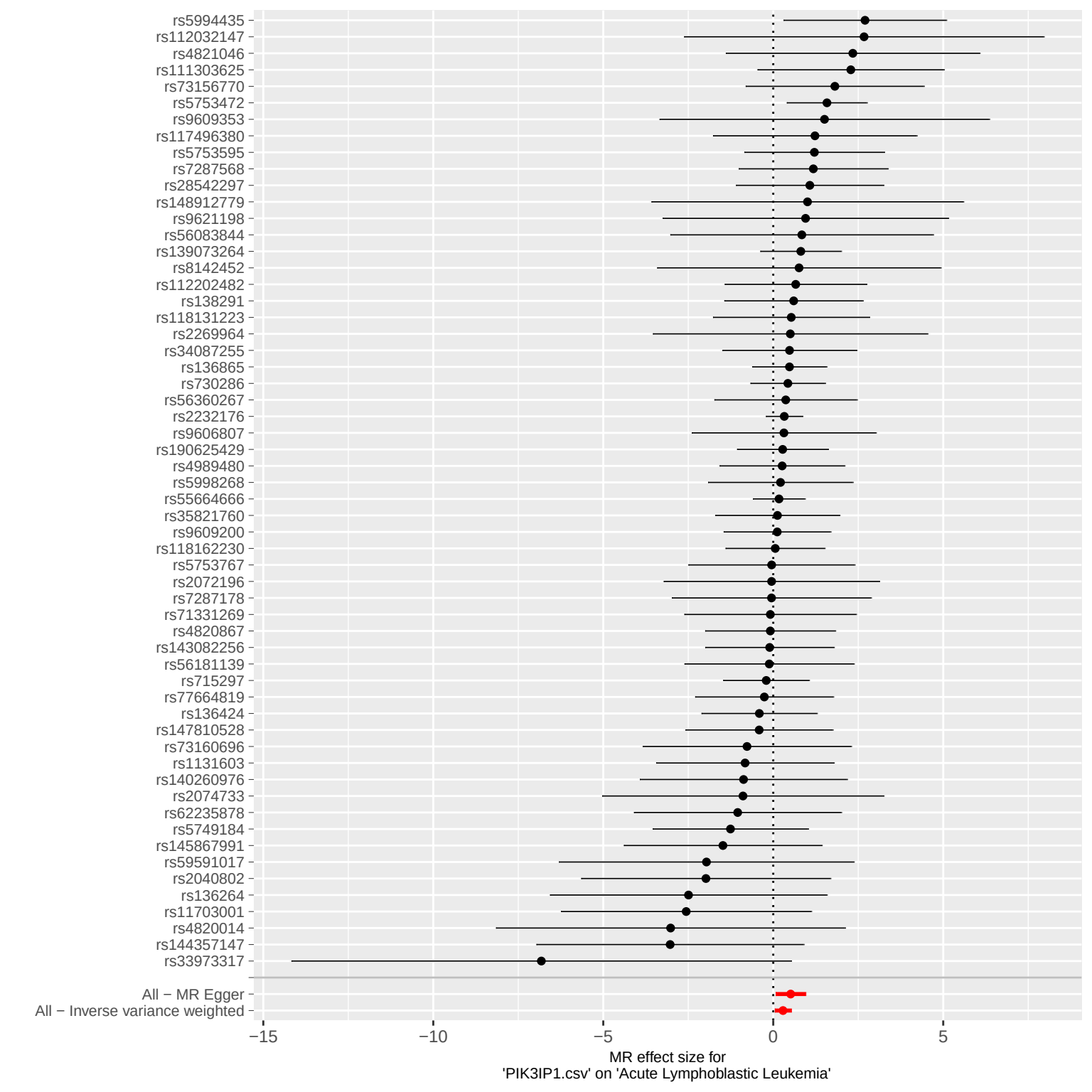
rs12636891
rs375833
rs498226
rs62410655
rs745738
rs147147456
rs9109
rs146473776
rs55749449
rs72611193
rs6583179
rs77319114
rs473301
rs6421306
rs73205883
rs139008218
rs79424507
rs34579900
rs112005158
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PIGZ.csv' on 'Acute Lymphoblastic Leukemia'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rs138291
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rs73160696
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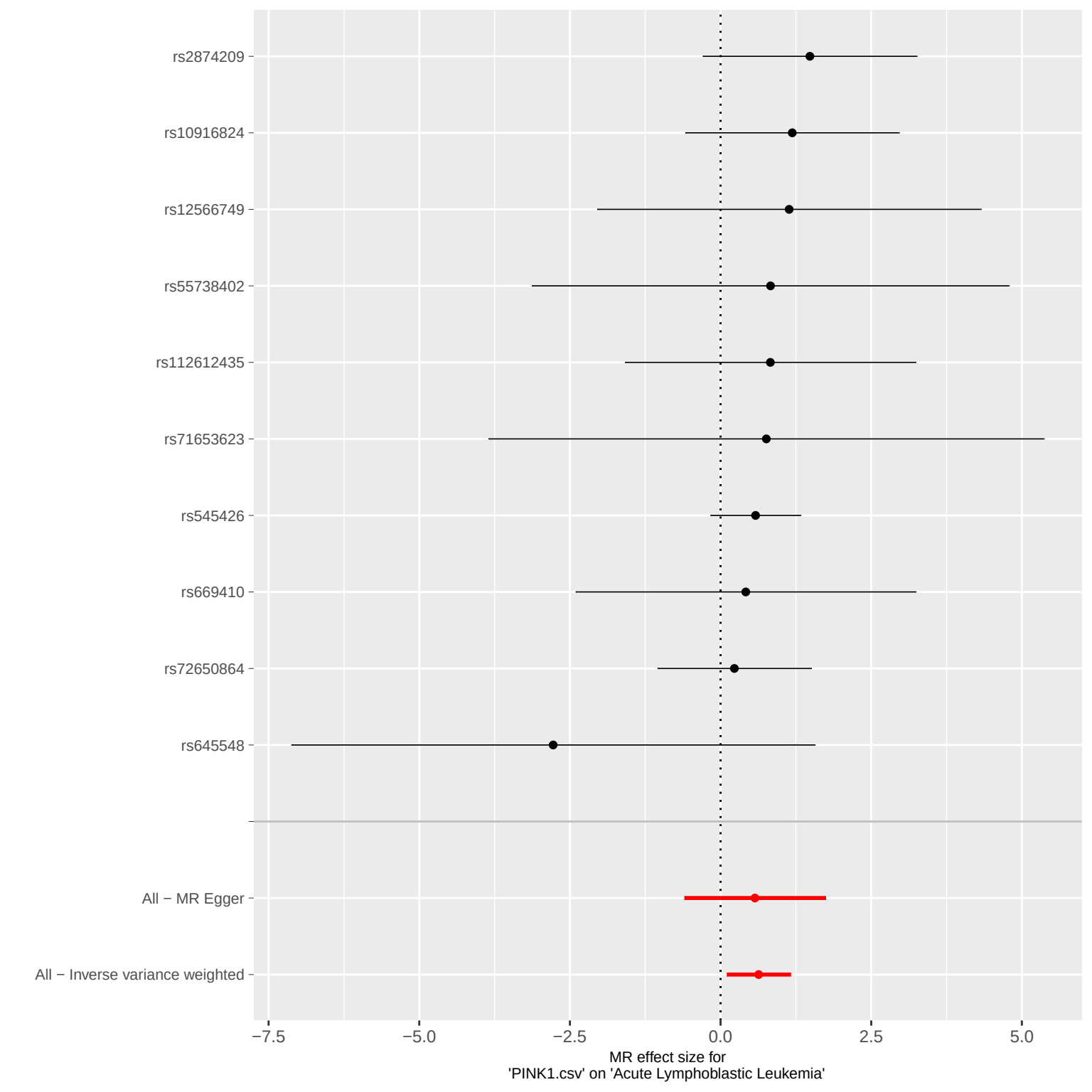
rs2040802
rs136264
rs11703001
rs4820014
rs144357147
rs33973317
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
MR effect size for
'PIK3IP1.csv' on 'Acute Lymphoblastic Leukemia'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rs55738402
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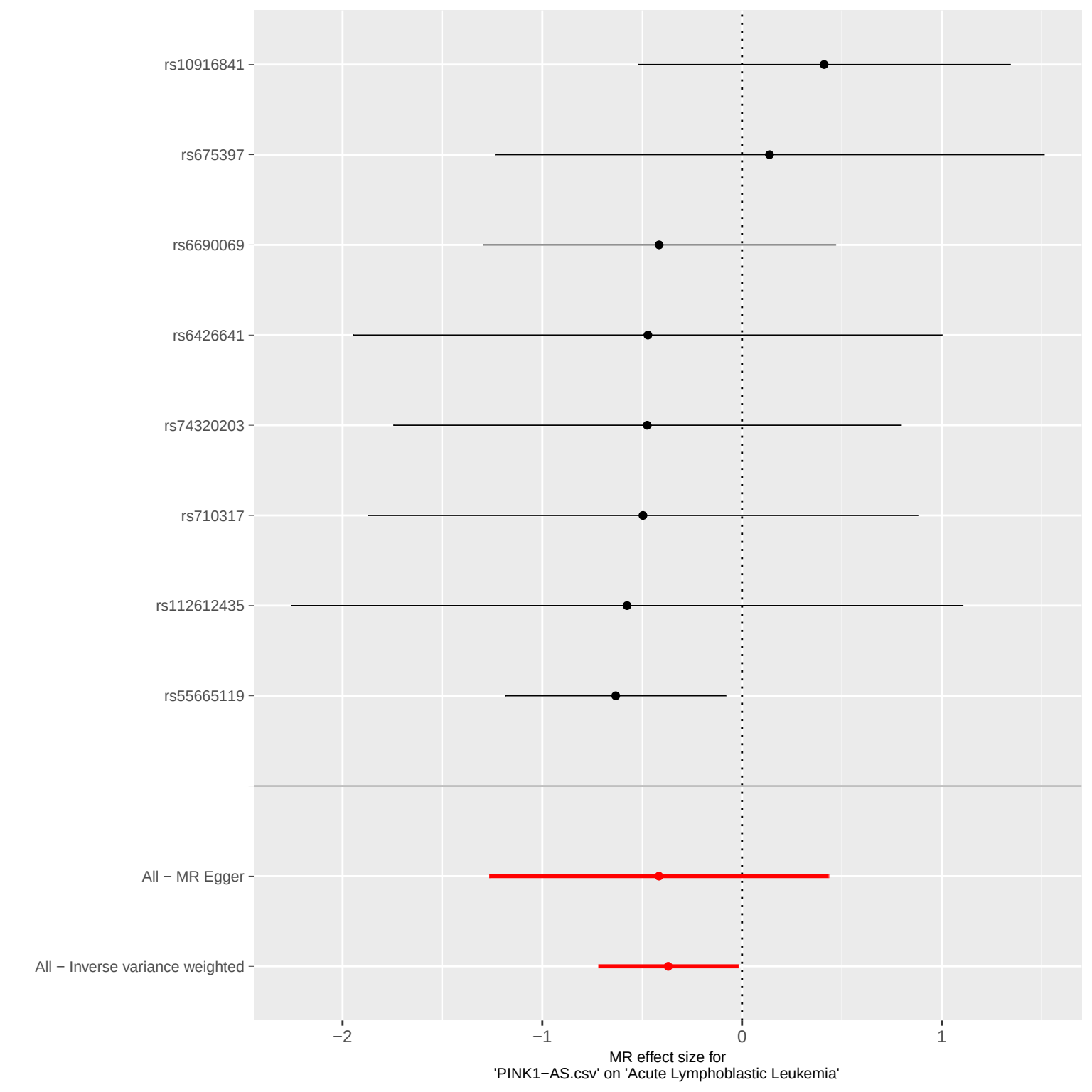
rs71653623
rs545426
rs669410
rs72650864
rs645548
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PINK1.csv' on 'Acute Lymphoblastic Leukemia'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rs675397
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rs74320203
rs710317
rs112612435
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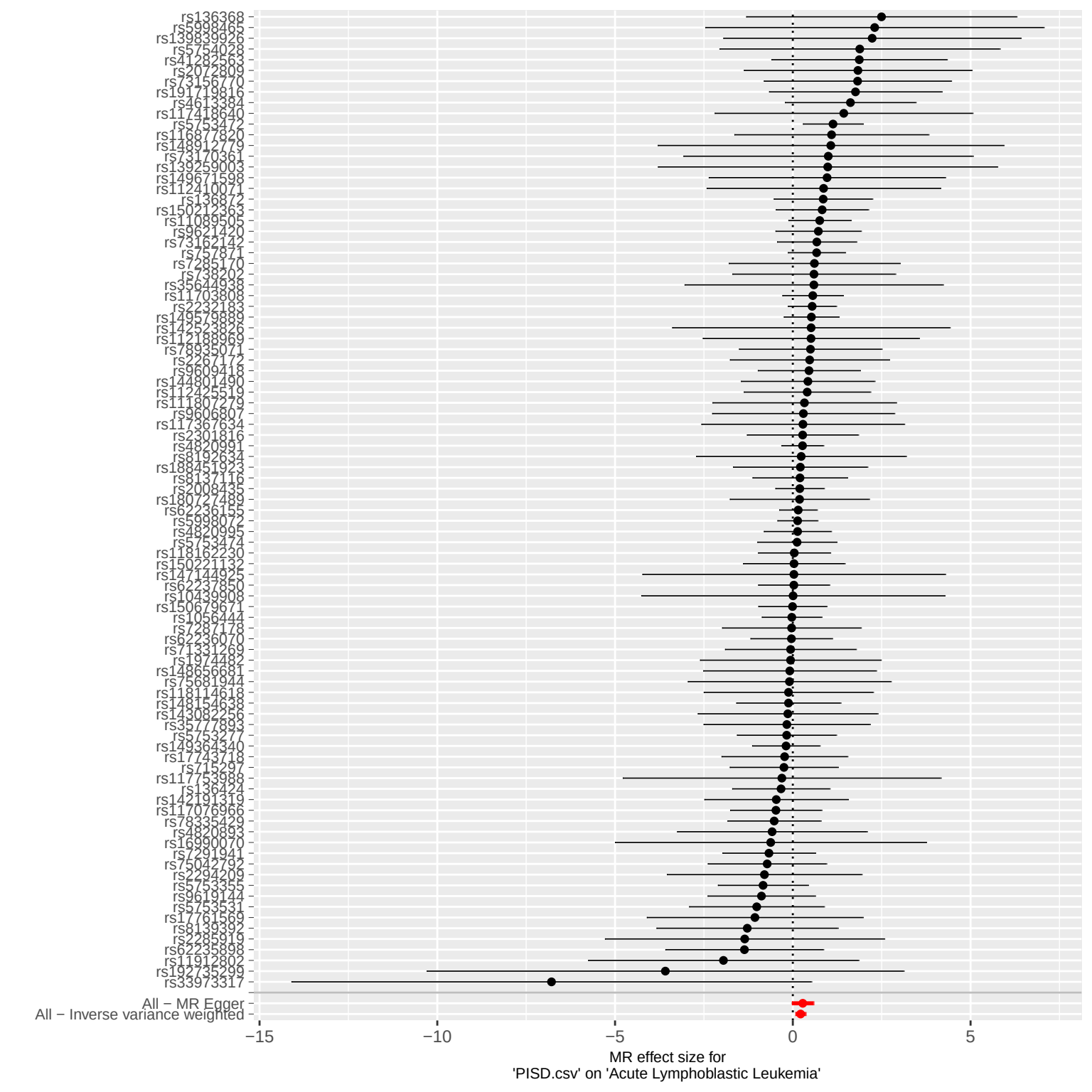
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'PINK1−AS.csv' on 'Acute Lymphoblastic Leukemia'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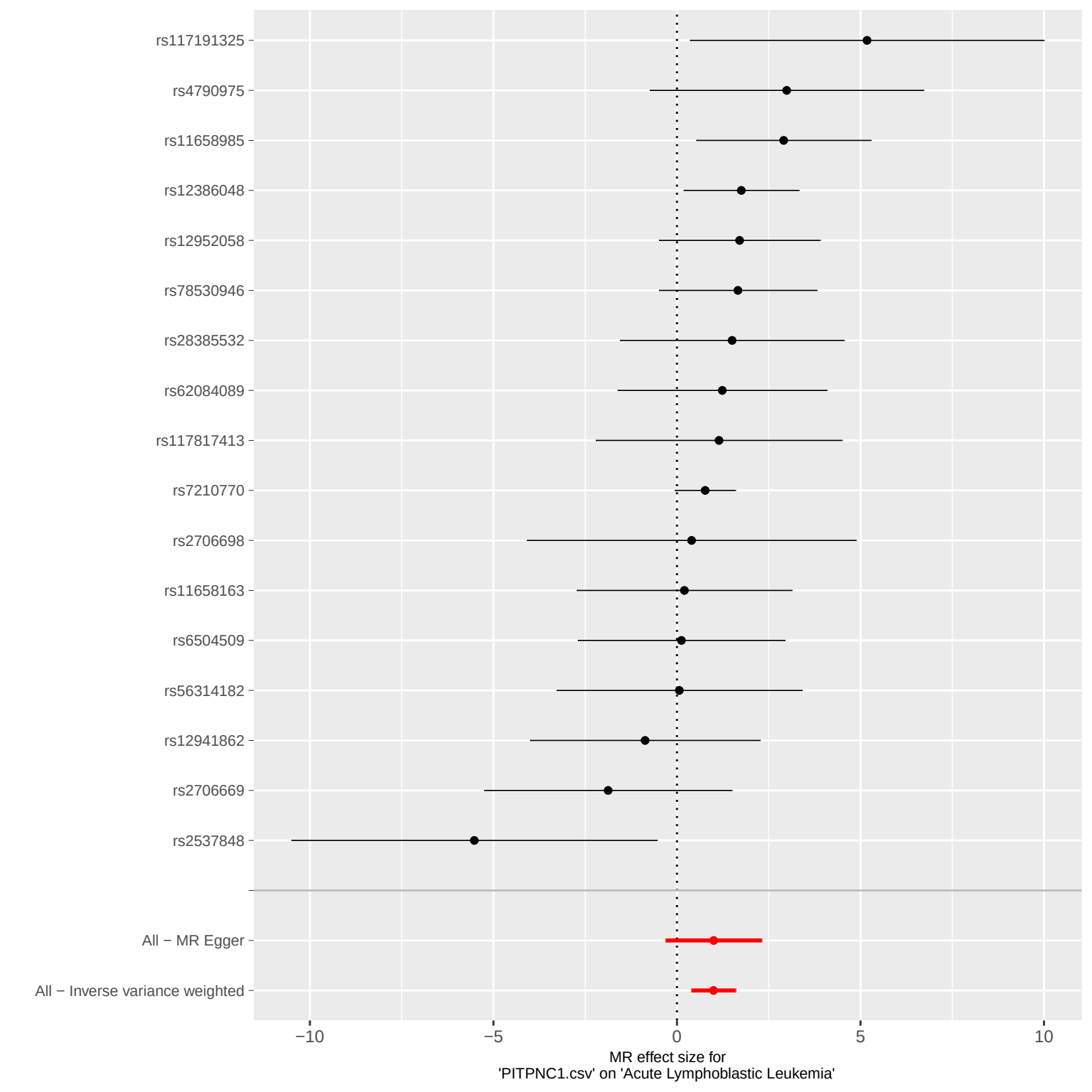
rs8139392
rs2285919
rs62235898
rs11912802
rs192735299
rs33973317
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
MR effect size for
'PISD.csv' on 'Acute Lymphoblastic Leukemia'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rs62084089
rs117817413
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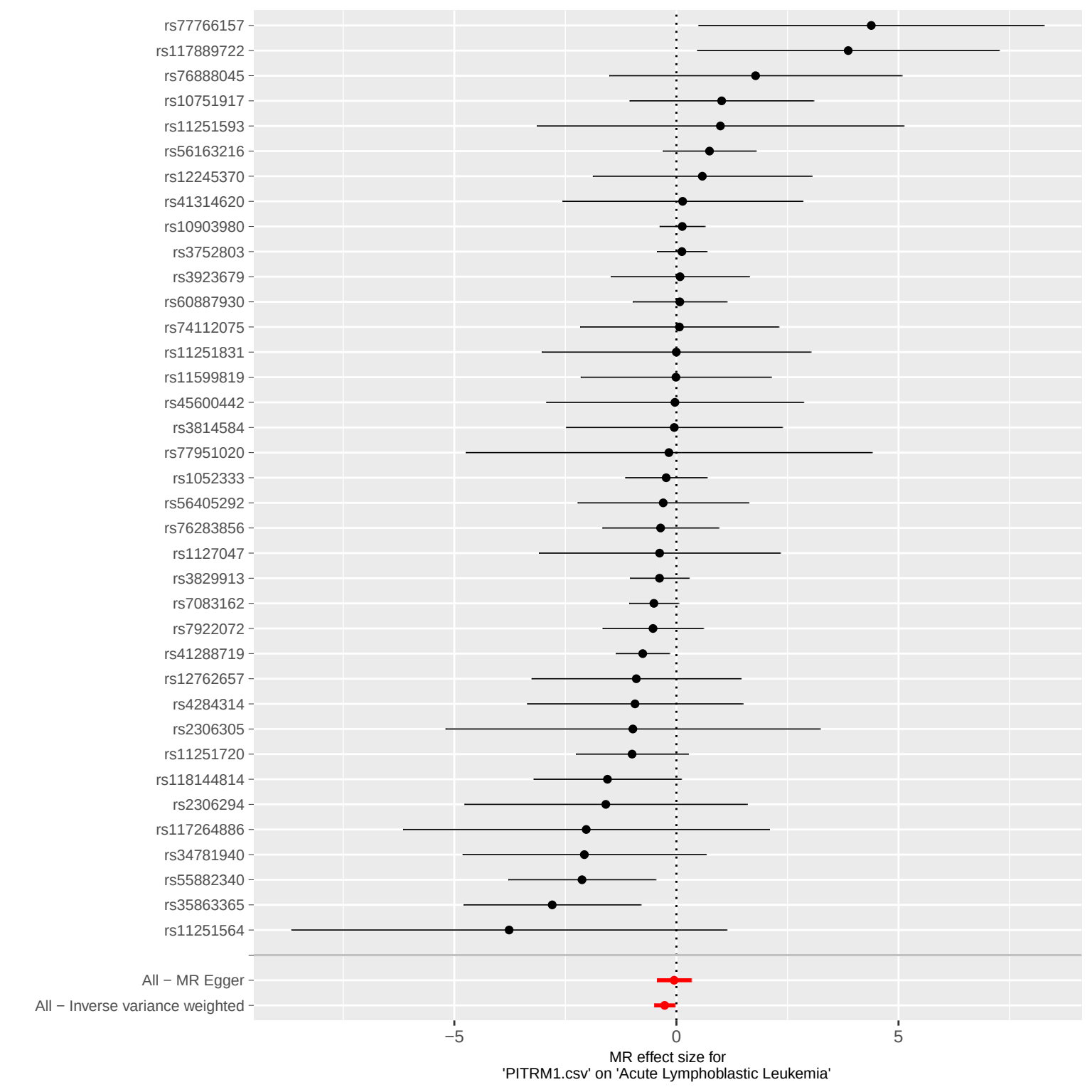
rs2706698
rs11658163
rs6504509
rs56314182
rs12941862
rs2706669
rs2537848
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'PITPNC1.csv' on 'Acute Lymphoblastic Leukemia'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rs45600442
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rs56405292
rs76283856
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rs3829913
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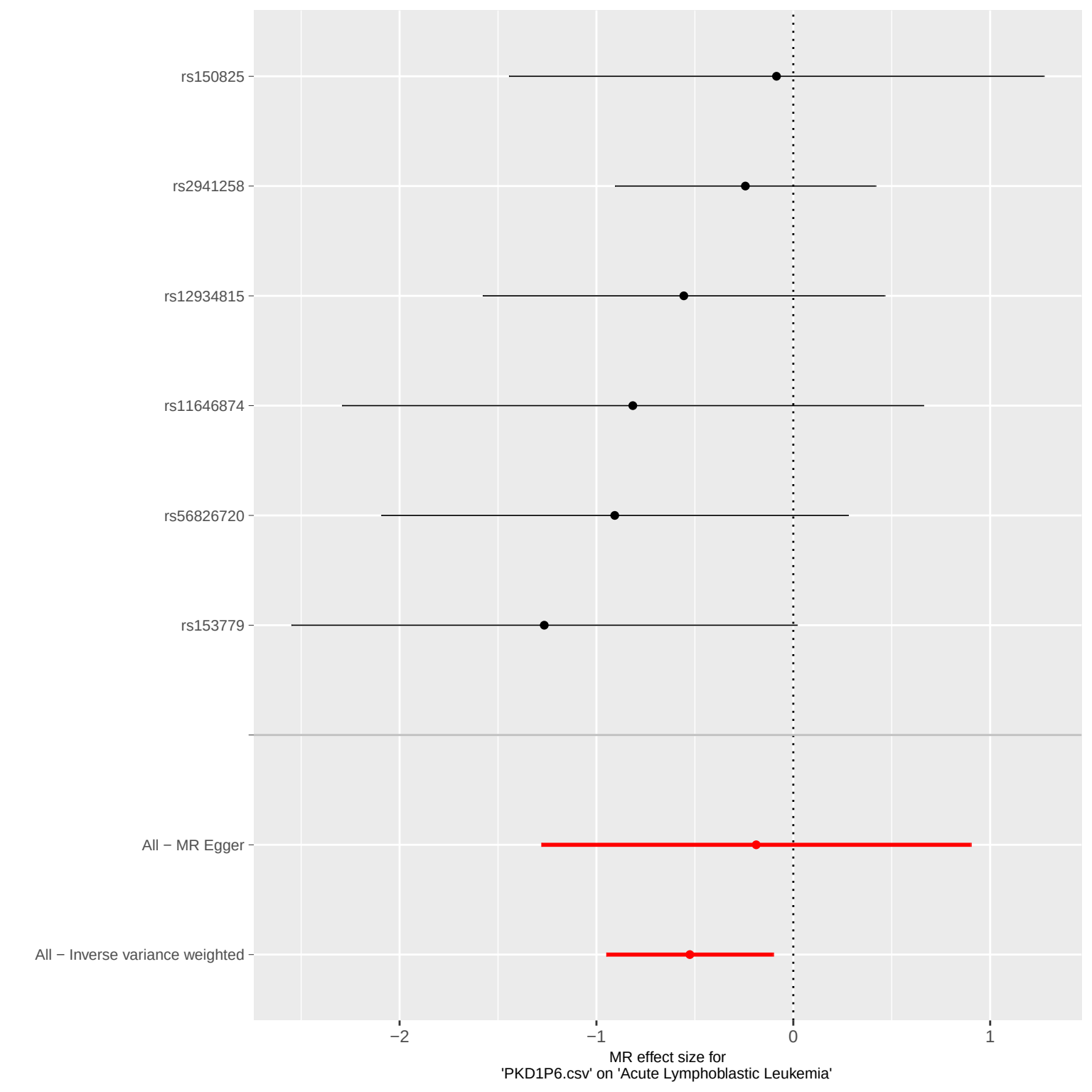
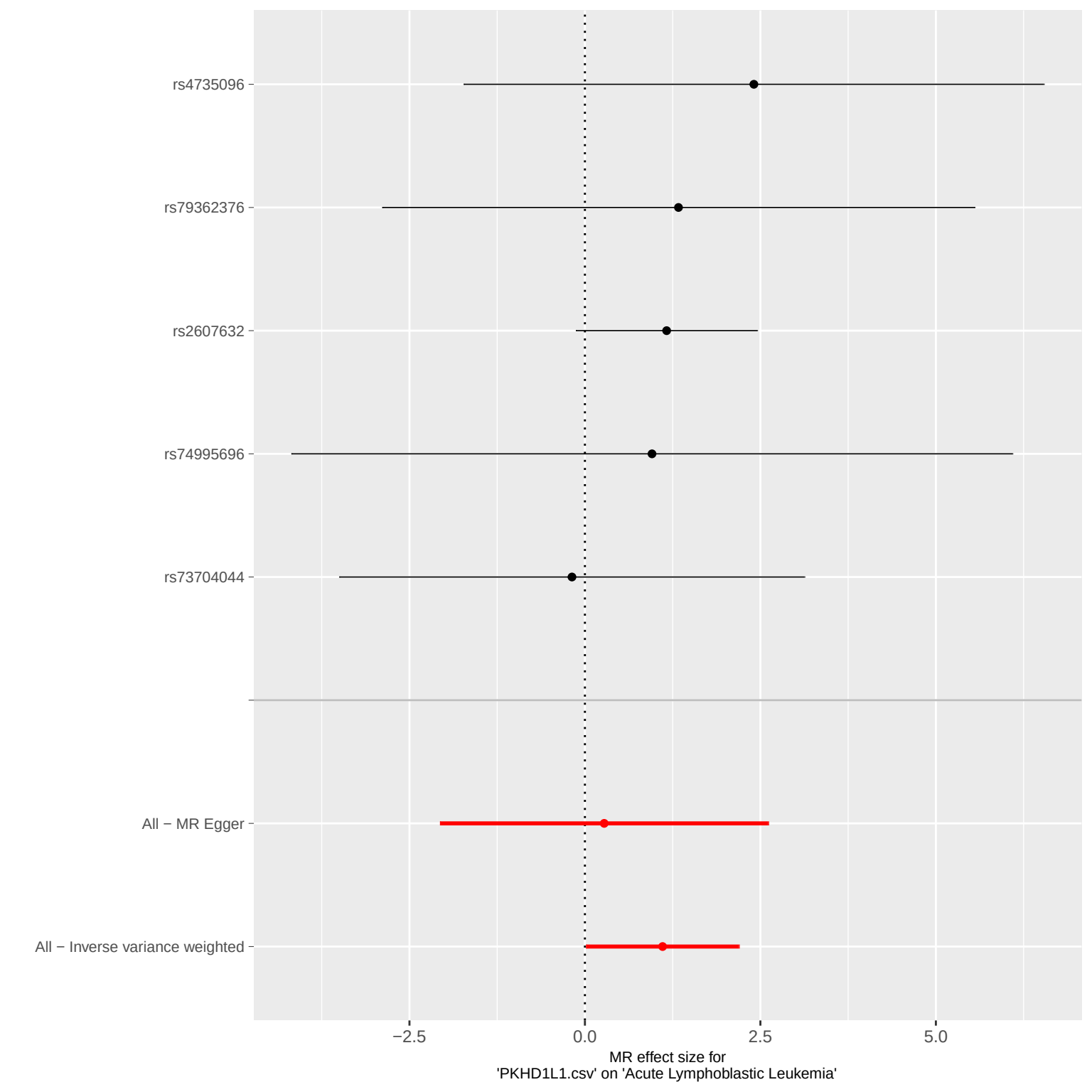
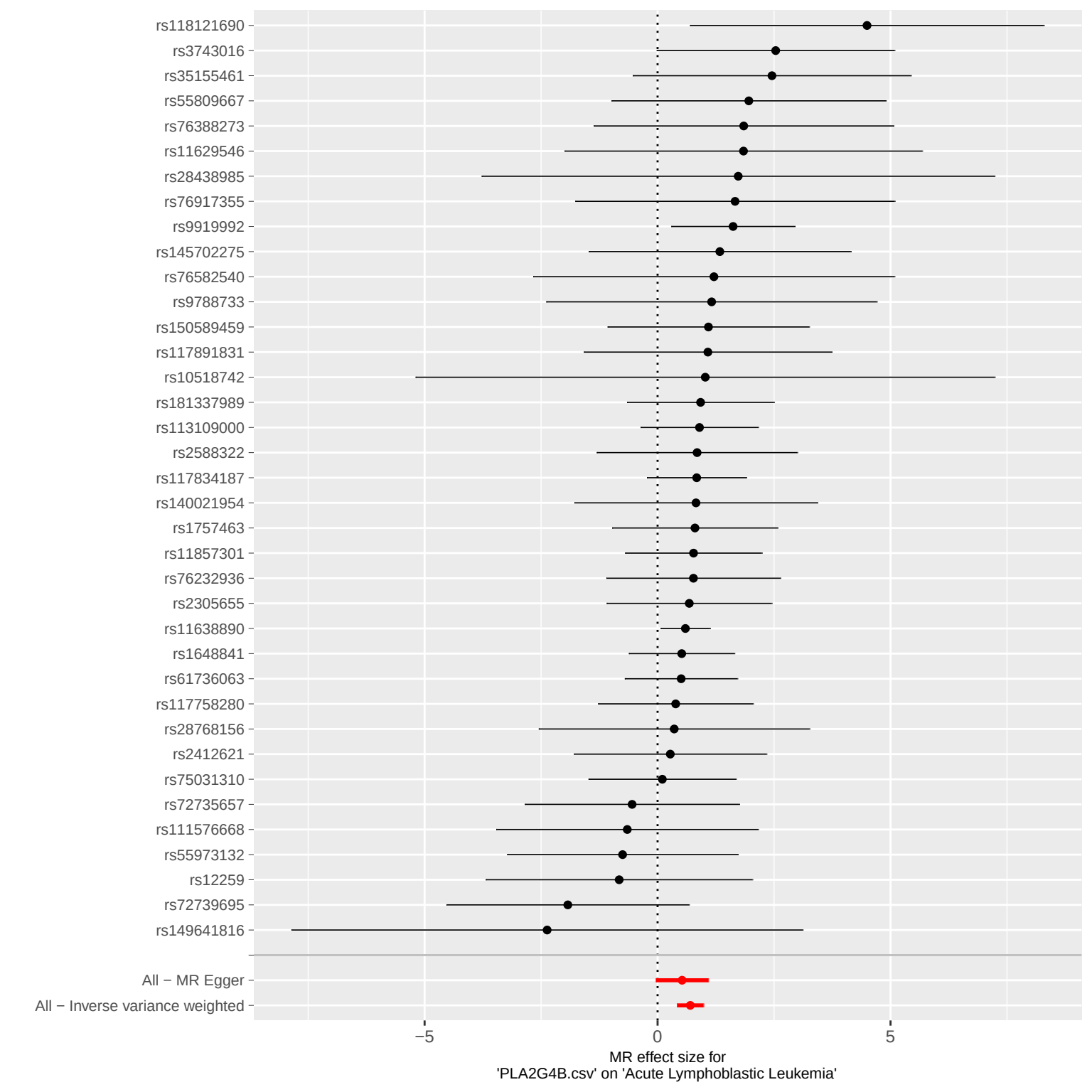
rs7922072
rs41288719
rs12762657
rs4284314
rs2306305
rs11251720
rs118144814
rs2306294
rs117264886
rs34781940
rs55882340
rs35863365
rs11251564
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PITRM1.csv' on 'Acute Lymphoblastic Leukemia'


rs150825
rs2941258
rs12934815
rs11646874
rs56826720
rs153779
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'PKD1P6.csv' on 'Acute Lymphoblastic Leukemia'


rs4735096
rs79362376
rs2607632
rs74995696
rs73704044
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'PKHD1L1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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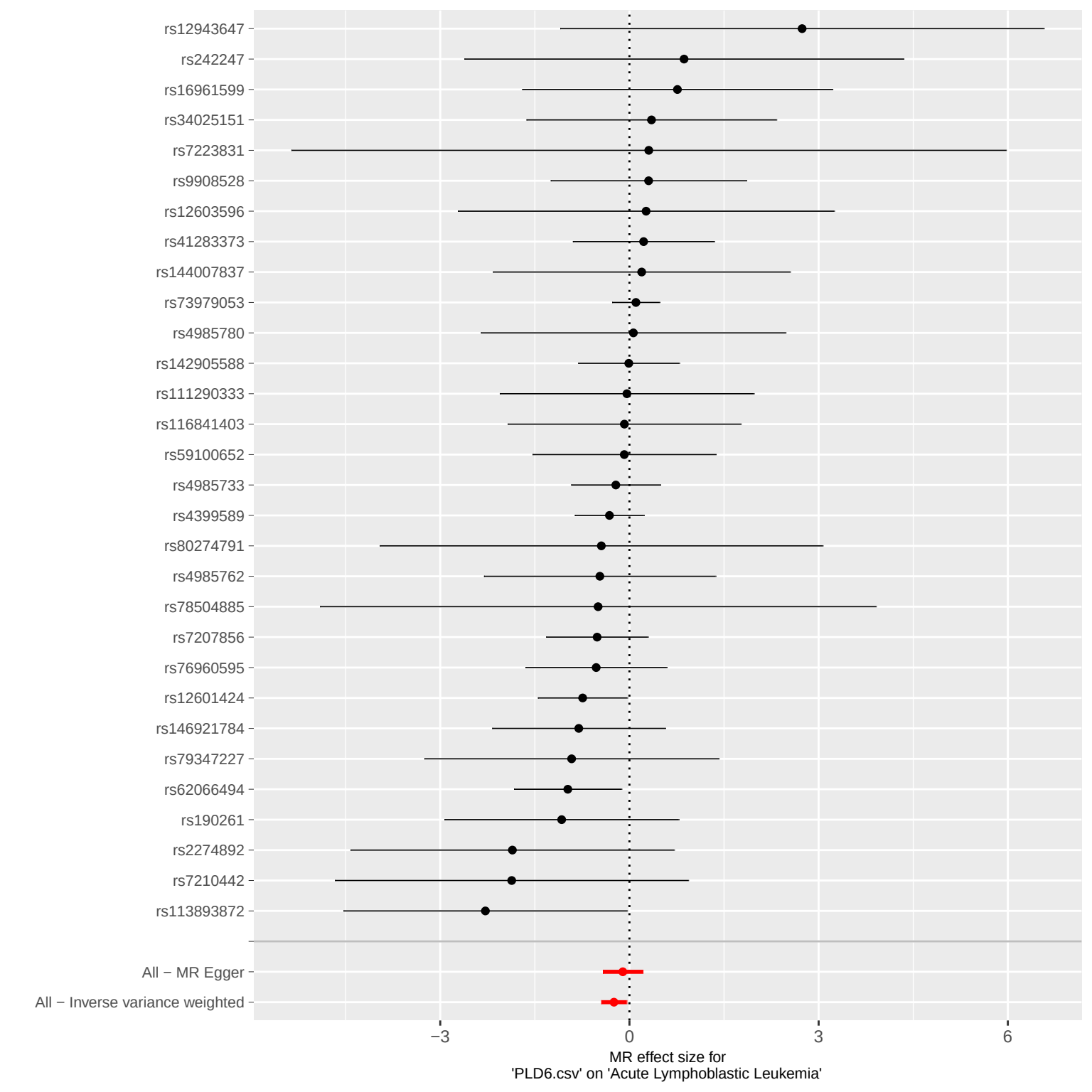
MR effect size for
'PLA2G4B.csv' on 'Acute Lymphoblastic Leukemia'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rs79347227
rs62066494
rs190261
rs2274892
rs7210442
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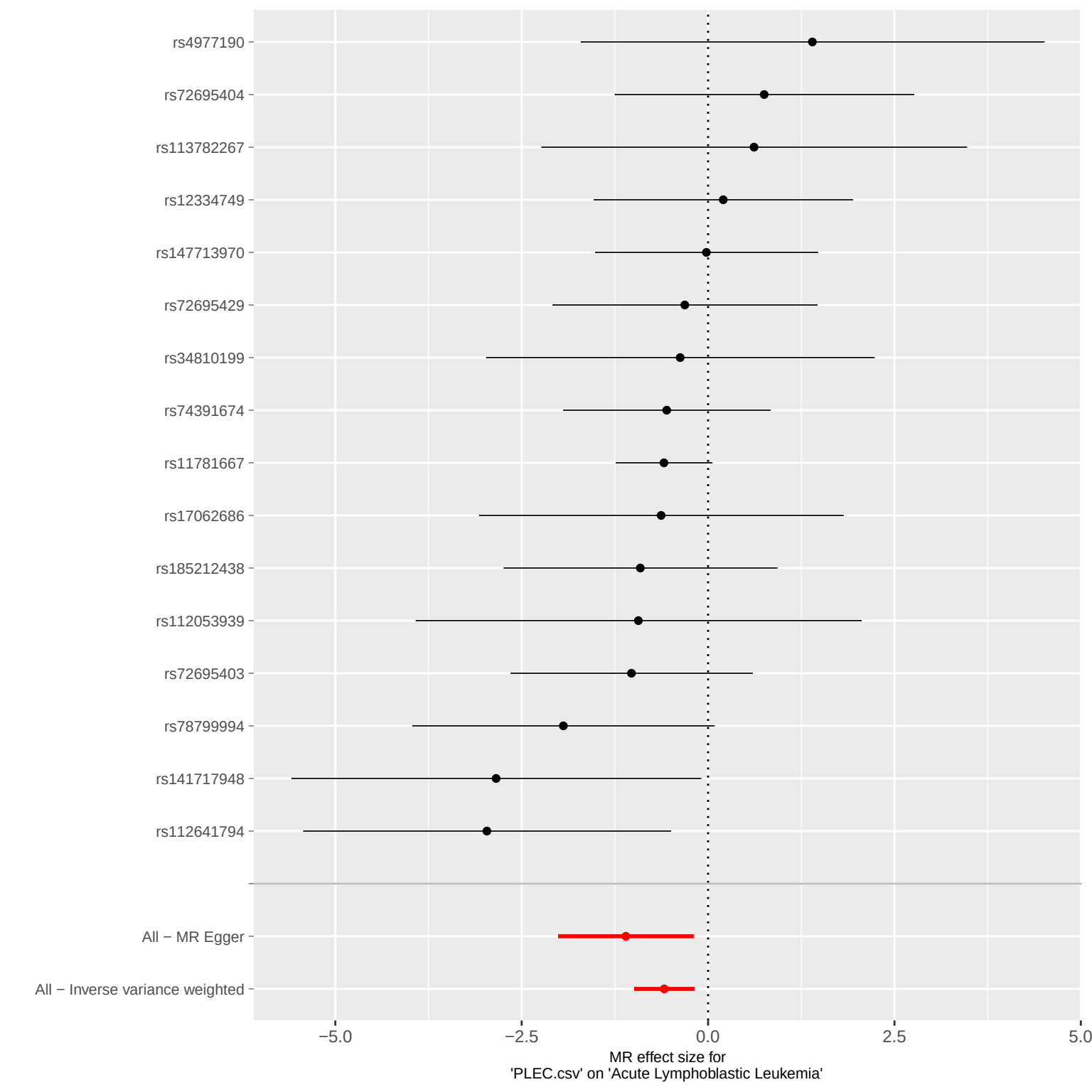
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'PLD6.csv' on 'Acute Lymphoblastic Leukemia'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rs72695403
rs78799994
rs141717948
rs112641794
All − MR Egger
All − Inverse variance weighted
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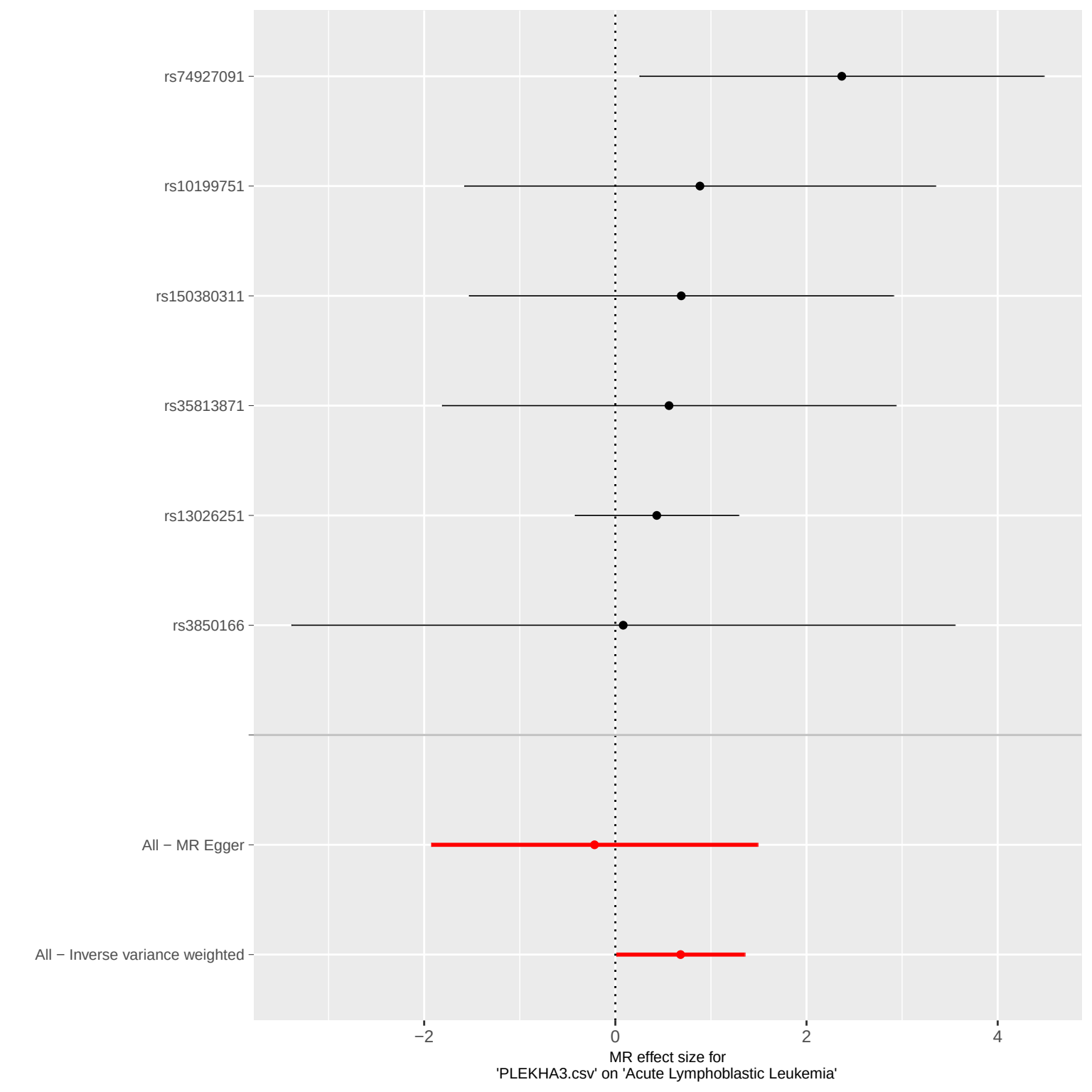
−2.5
0.0
2.5
5.0
MR effect size for
'PLEC.csv' on 'Acute Lymphoblastic Leukemia'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rs10199751
rs150380311
rs35813871
rs13026251
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All − Inverse variance weighted
−2
0
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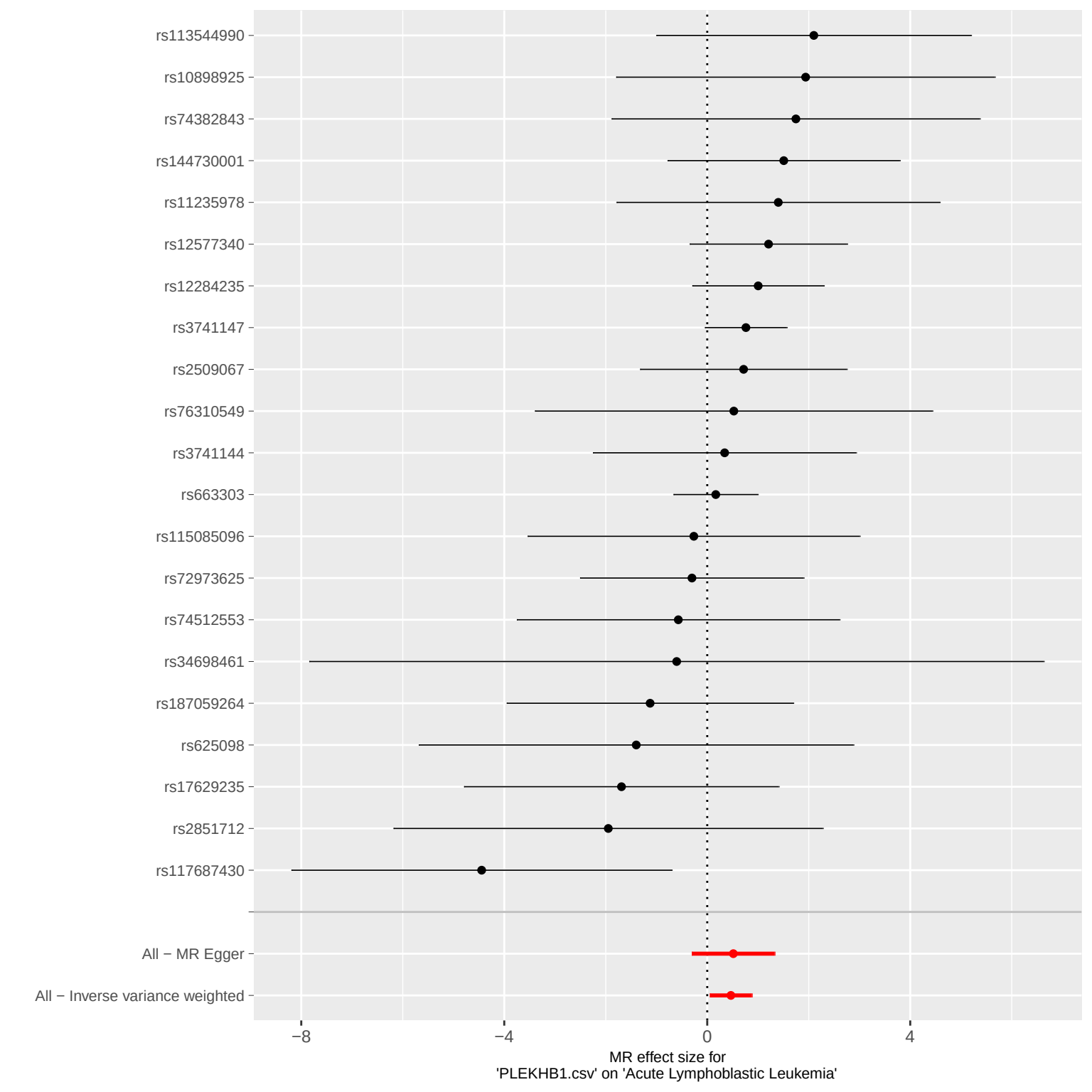
MR effect size for
'PLEKHA3.csv' on 'Acute Lymphoblastic Leukemia'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rs34698461
rs187059264
rs625098
rs17629235
rs2851712
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All − MR Egger
All − Inverse variance weighted
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−4
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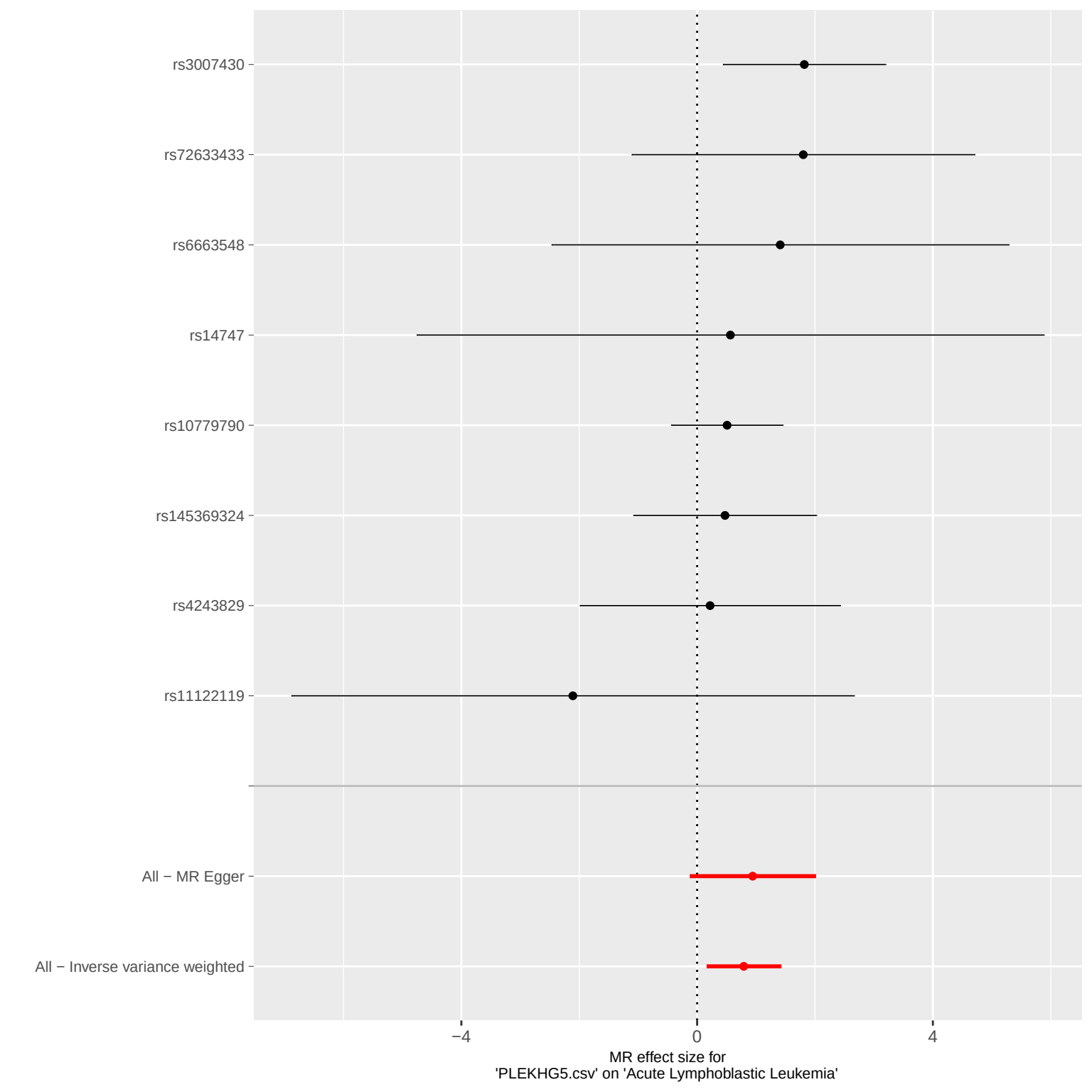
MR effect size for
'PLEKHB1.csv' on 'Acute Lymphoblastic Leukemia'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rs14747
rs10779790
rs145369324
rs4243829
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All − MR Egger
All − Inverse variance weighted
−4
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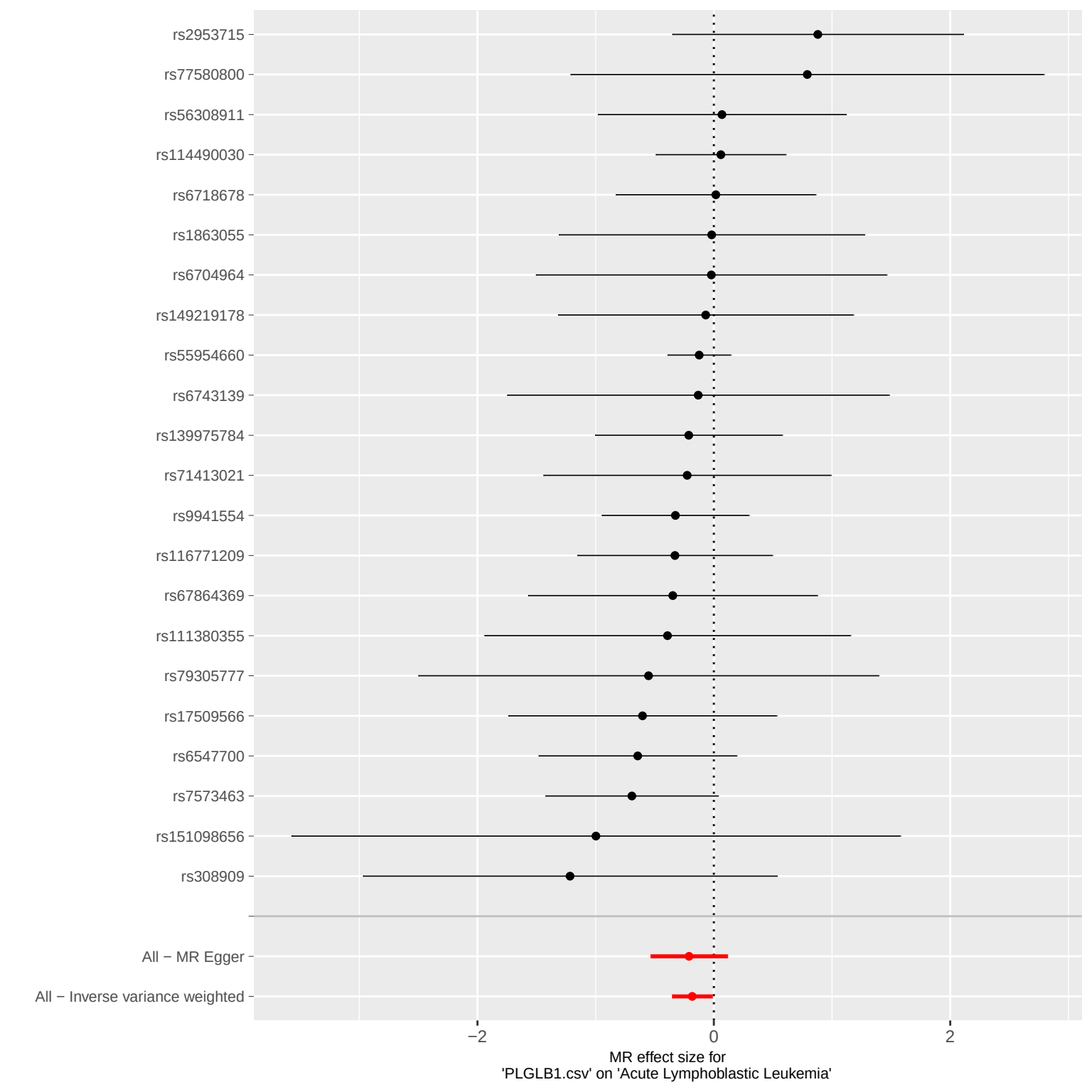
MR effect size for
'PLEKHG5.csv' on 'Acute Lymphoblastic Leukemia'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rs7573463
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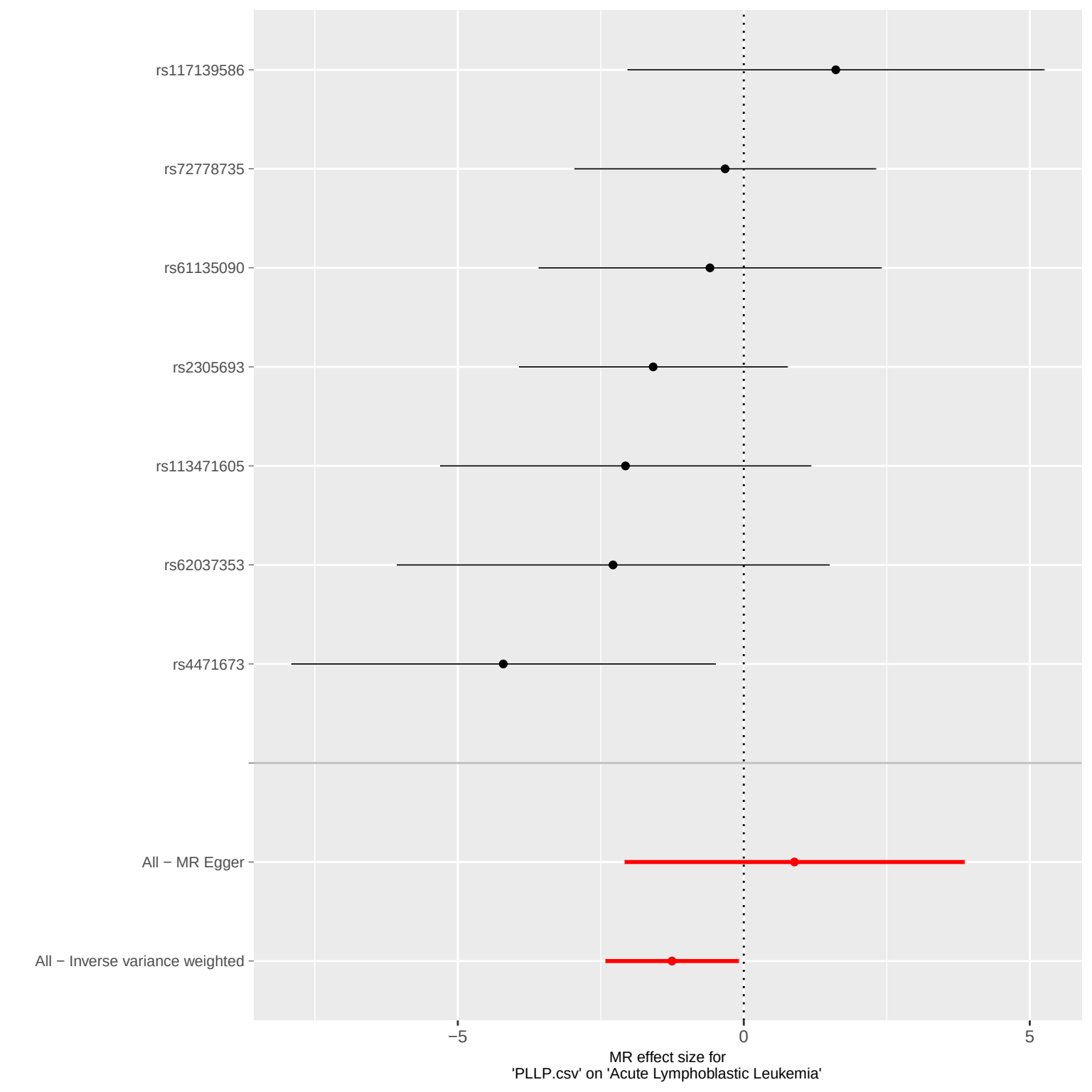
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PLGLB1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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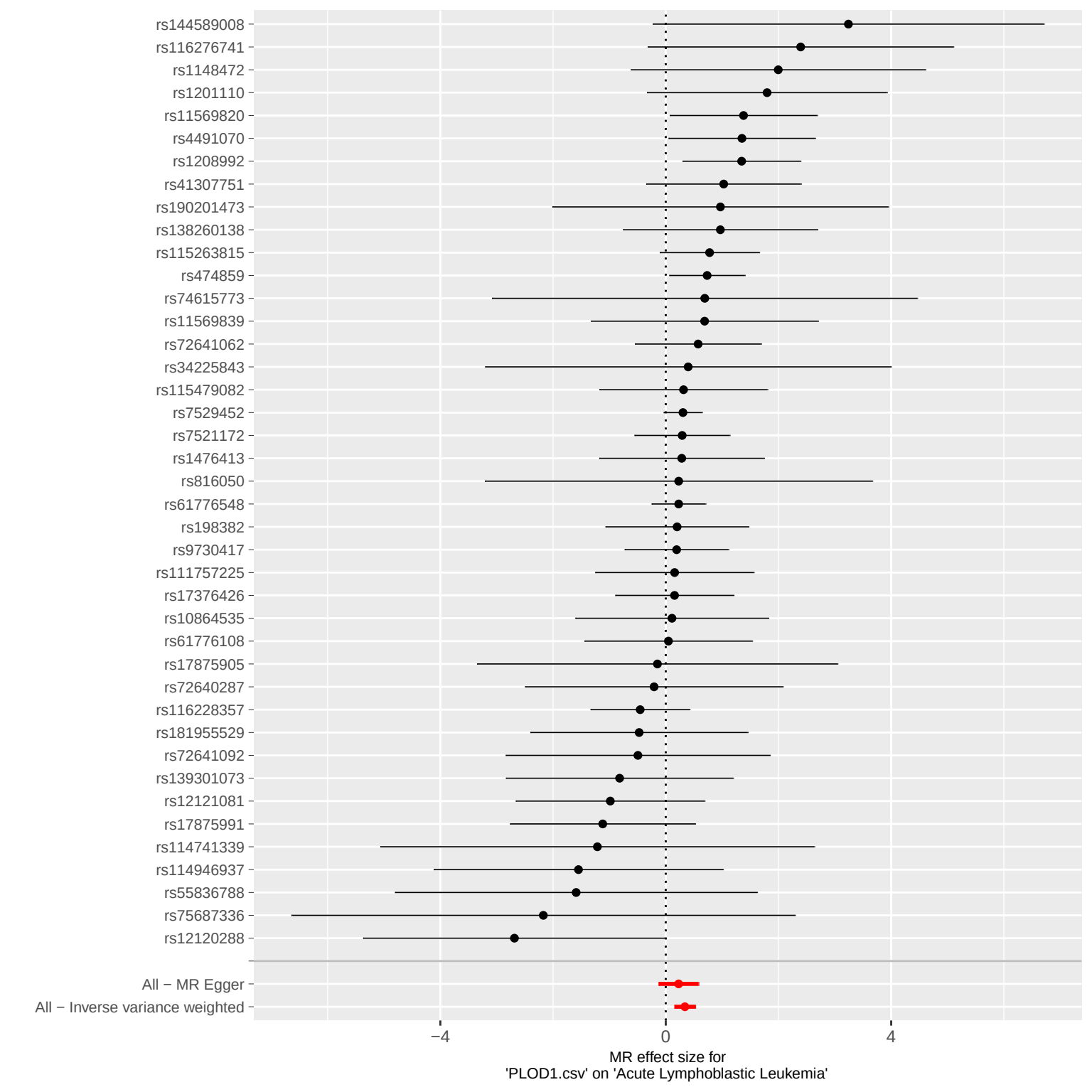
MR effect size for
'PLLP.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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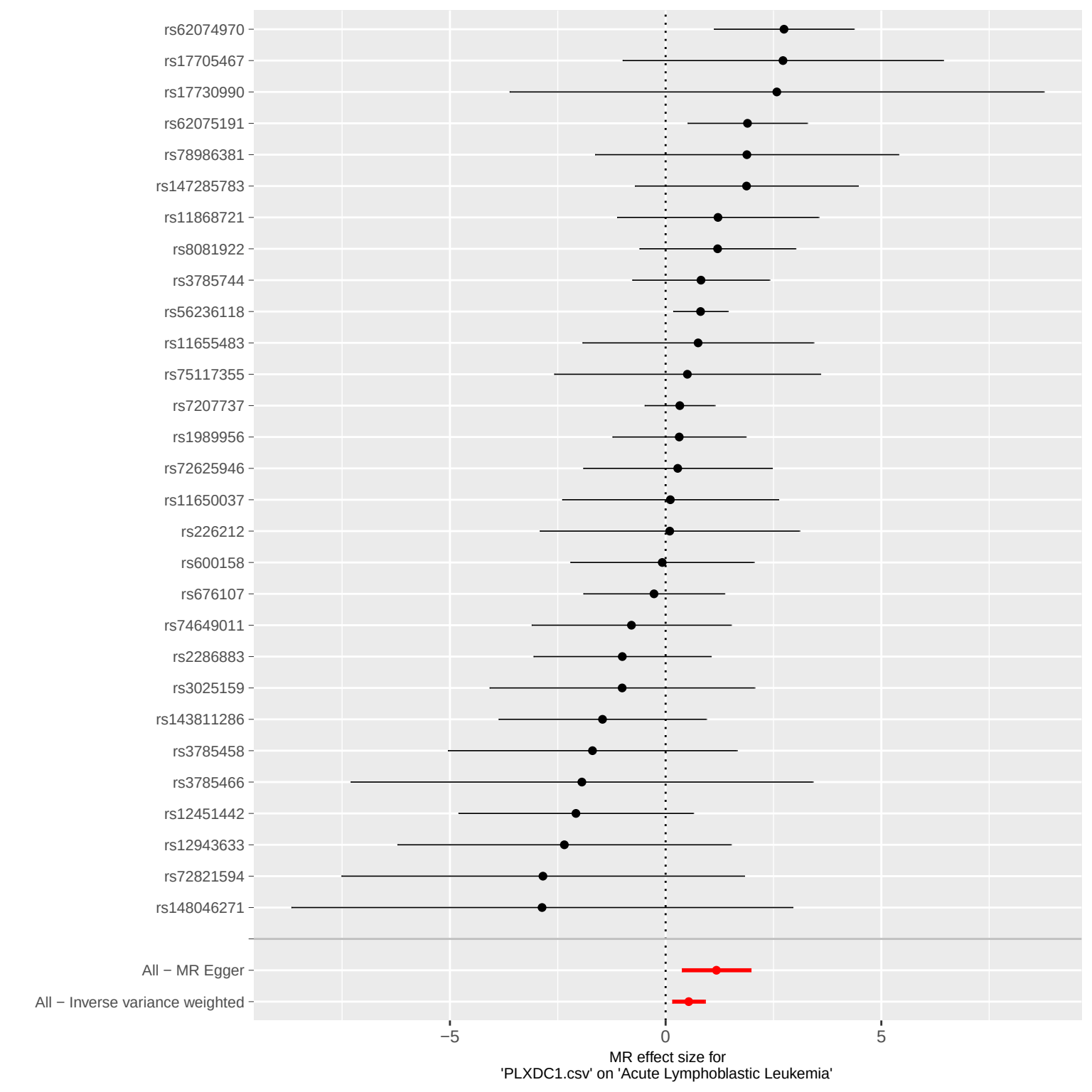
MR effect size for
'PLOD1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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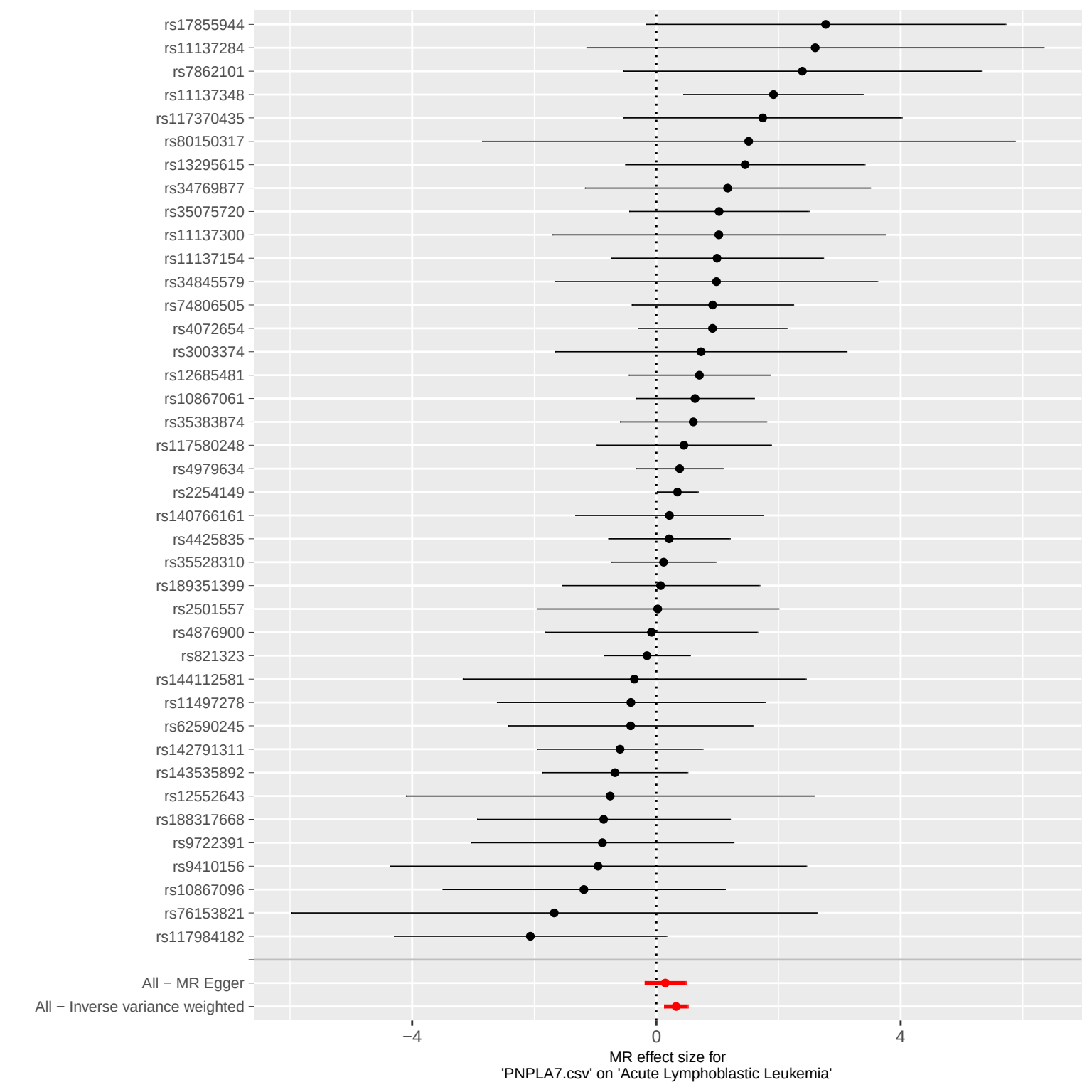
MR effect size for
'PLXDC1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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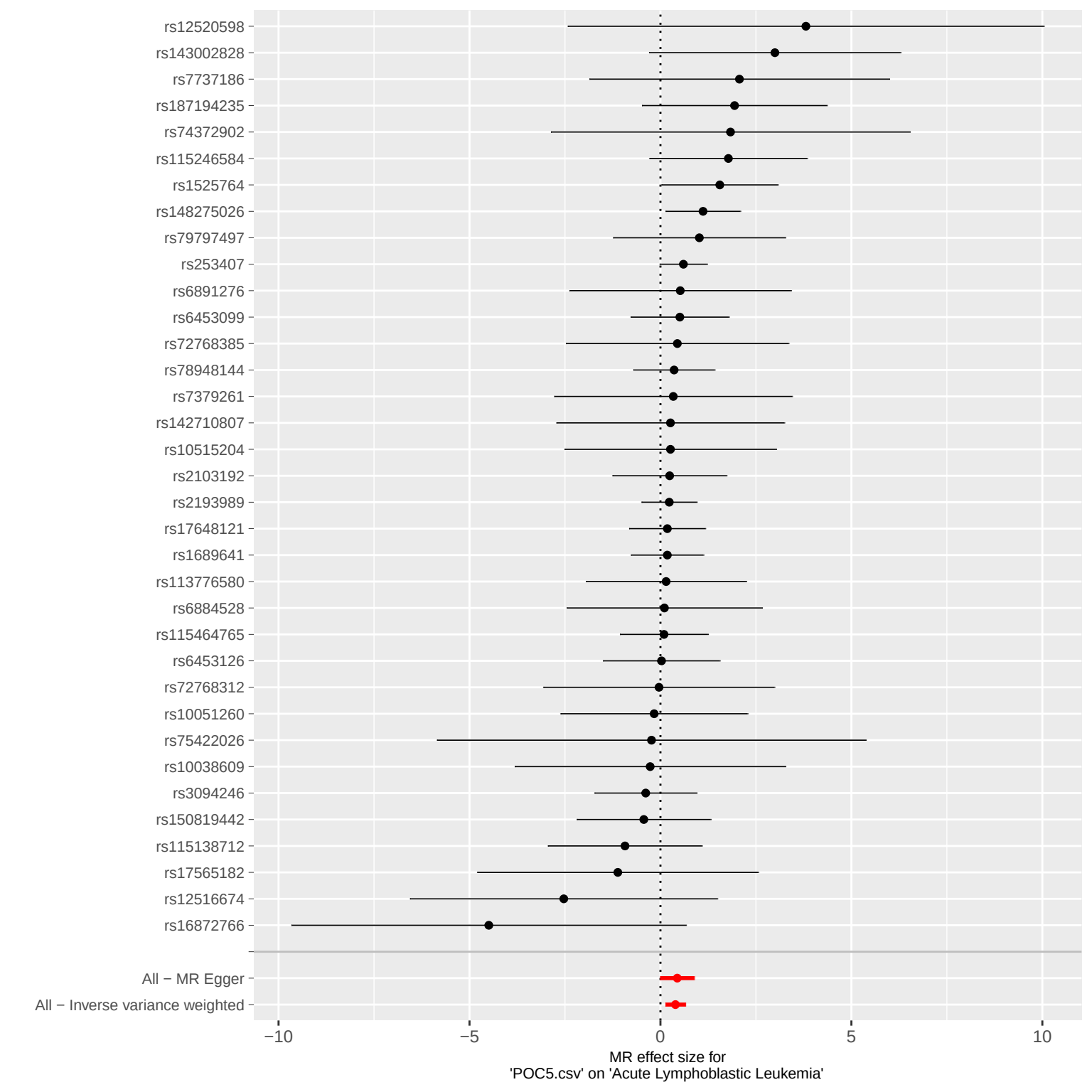
MR effect size for
'PNPLA7.csv' on 'Acute Lymphoblastic Leukemia'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rs115138712
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rs12516674
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All − MR Egger
All − Inverse variance weighted
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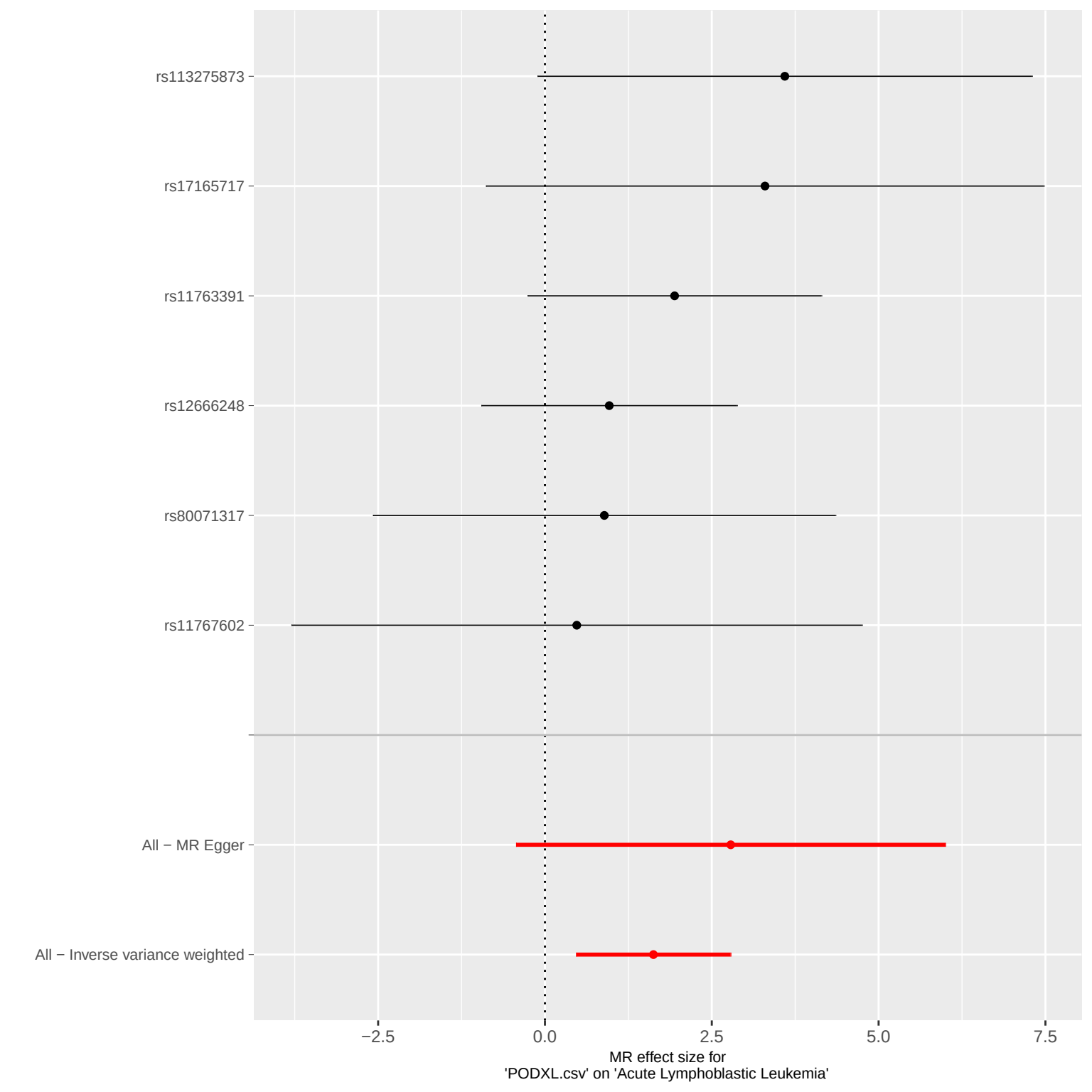
10
MR effect size for
'POC5.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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2.5
5.0
7.5
MR effect size for
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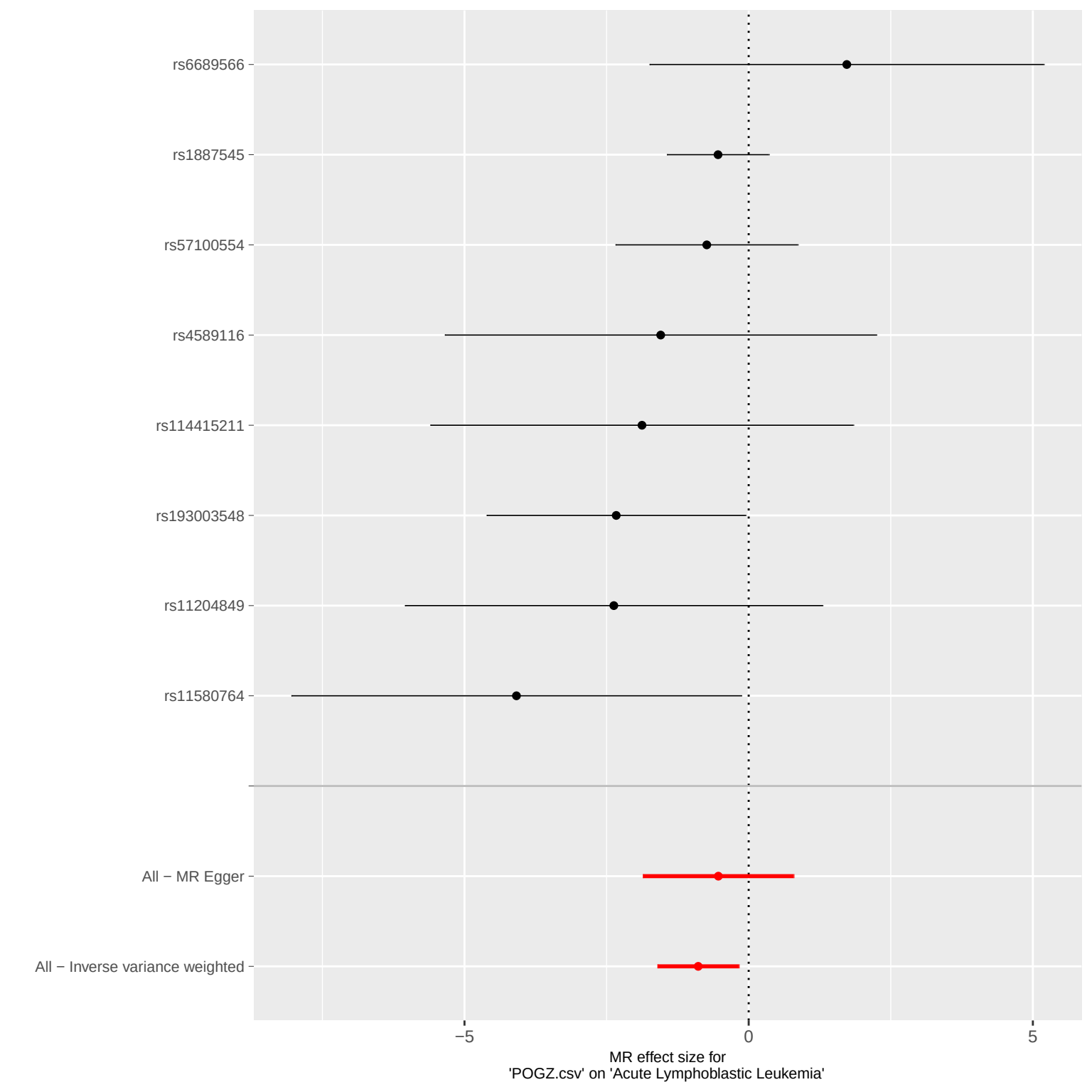
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All − Inverse variance weighted
−5
0
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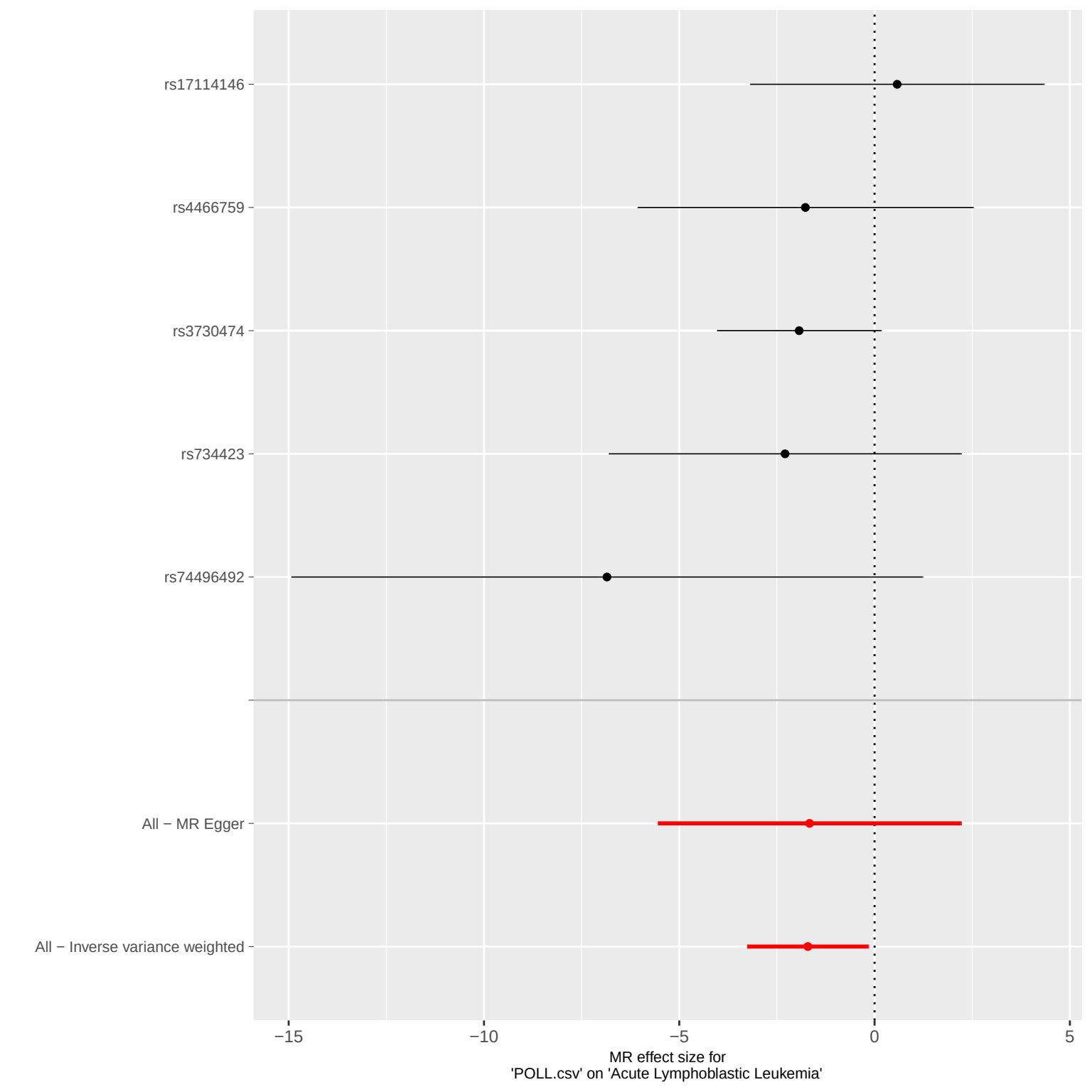
MR effect size for
'POGZ.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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−5
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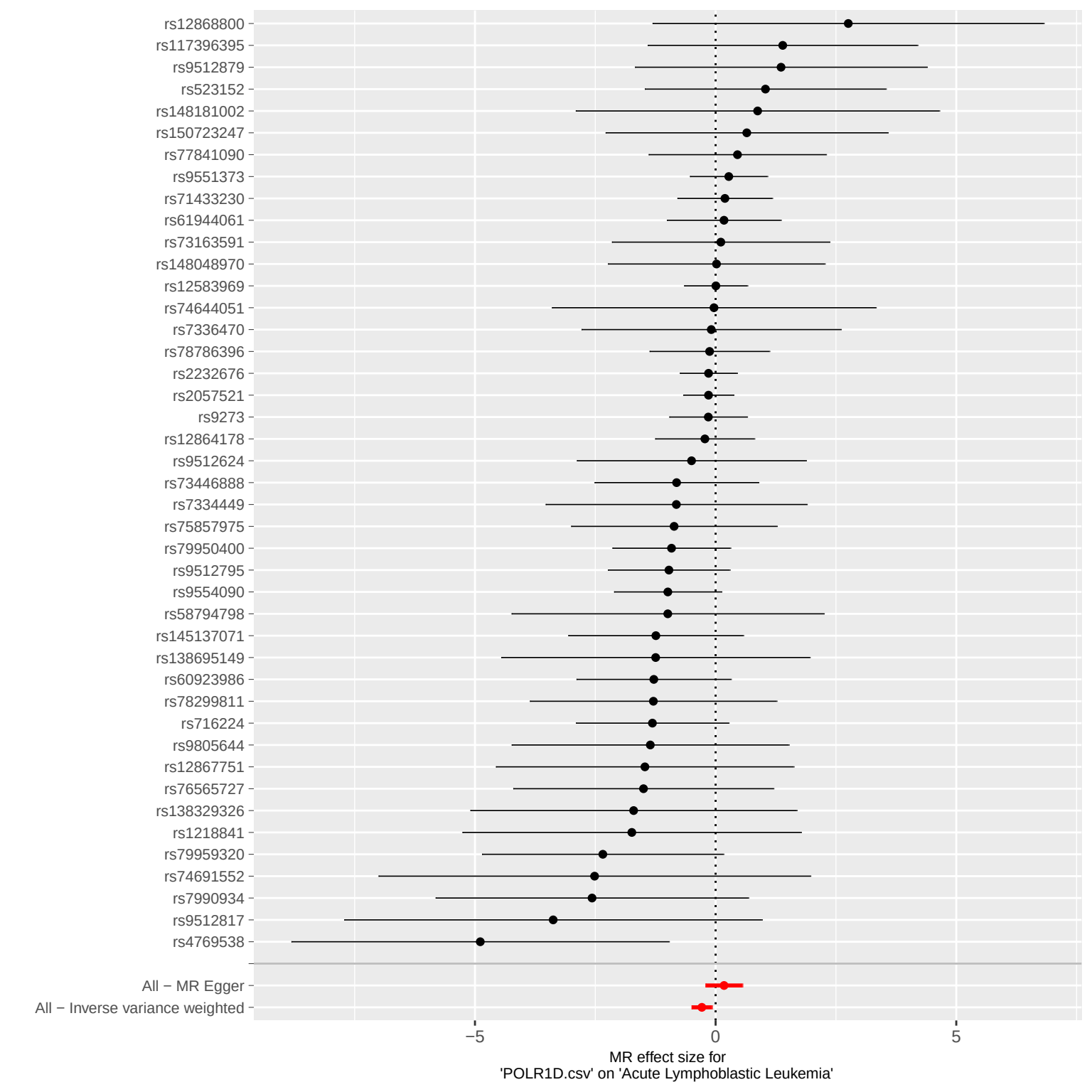
MR effect size for
'POLL.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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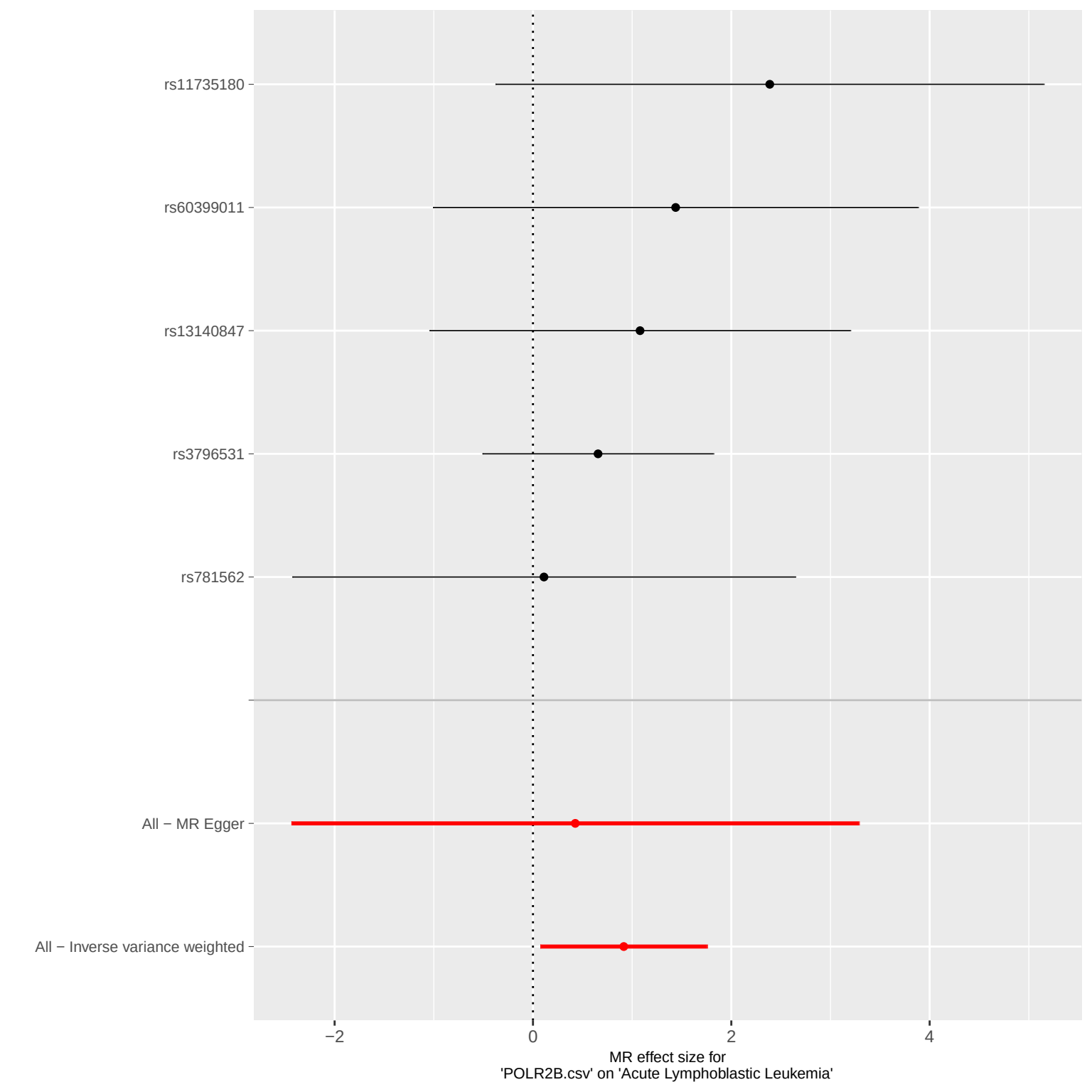
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MR effect size for
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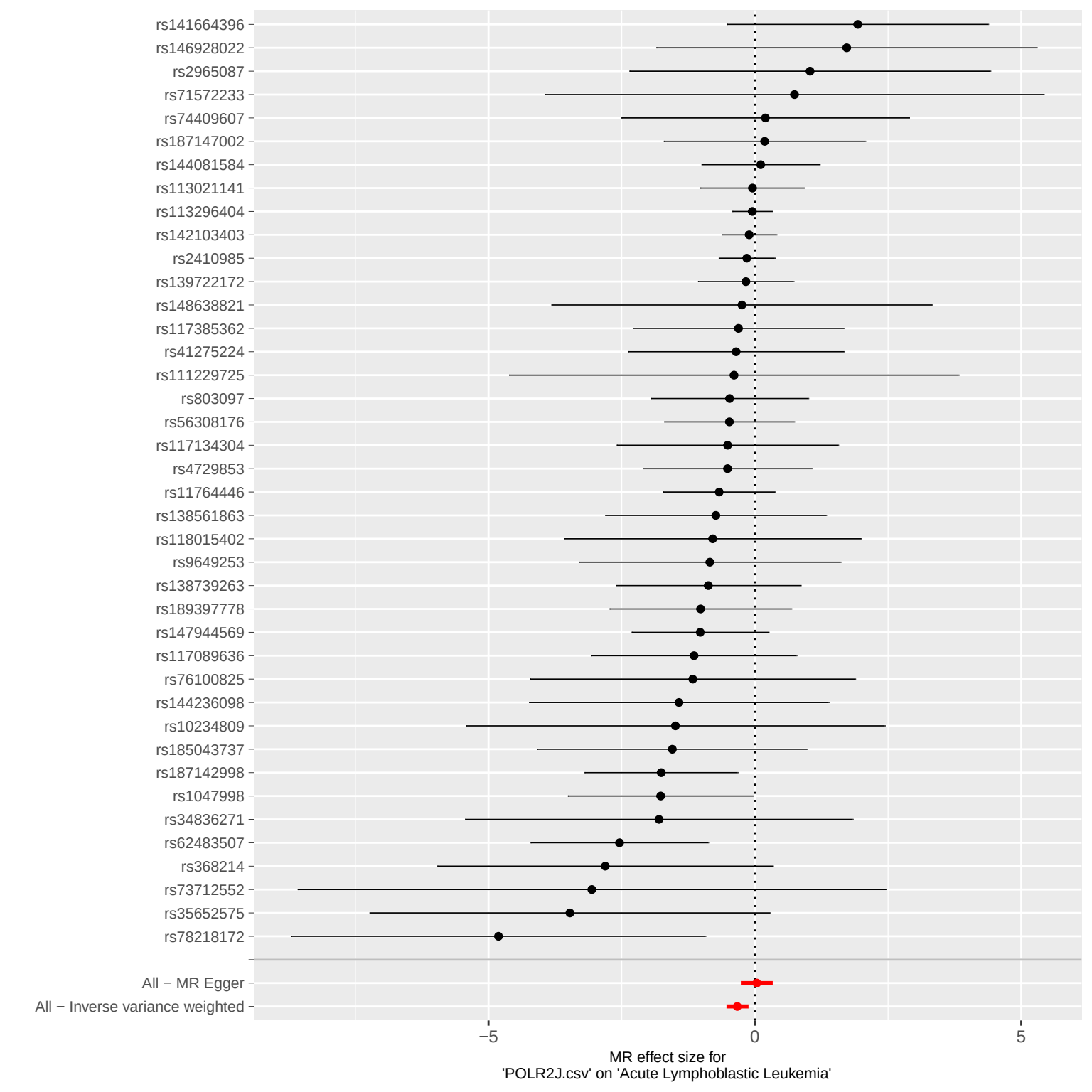
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All − Inverse variance weighted
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5
MR effect size for
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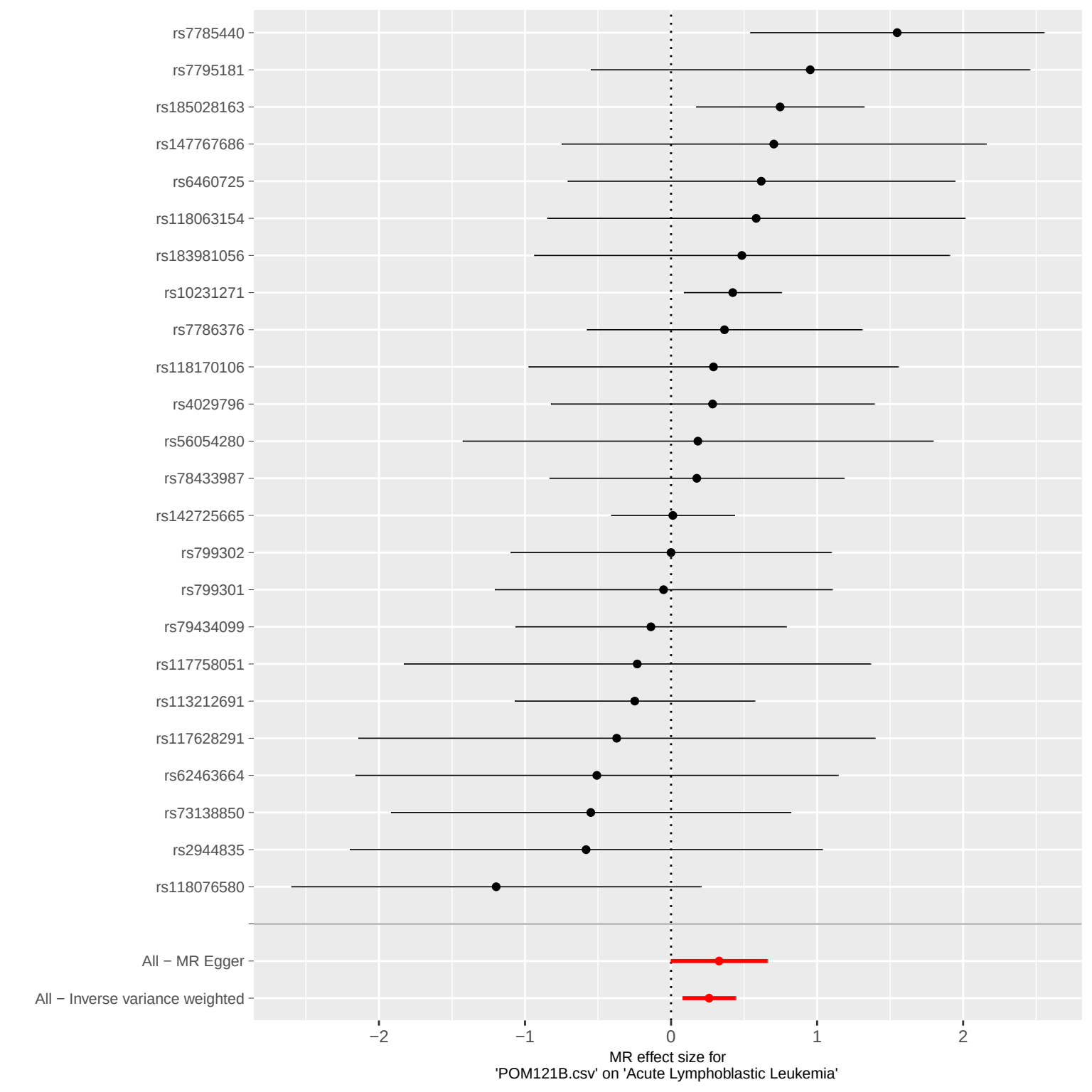
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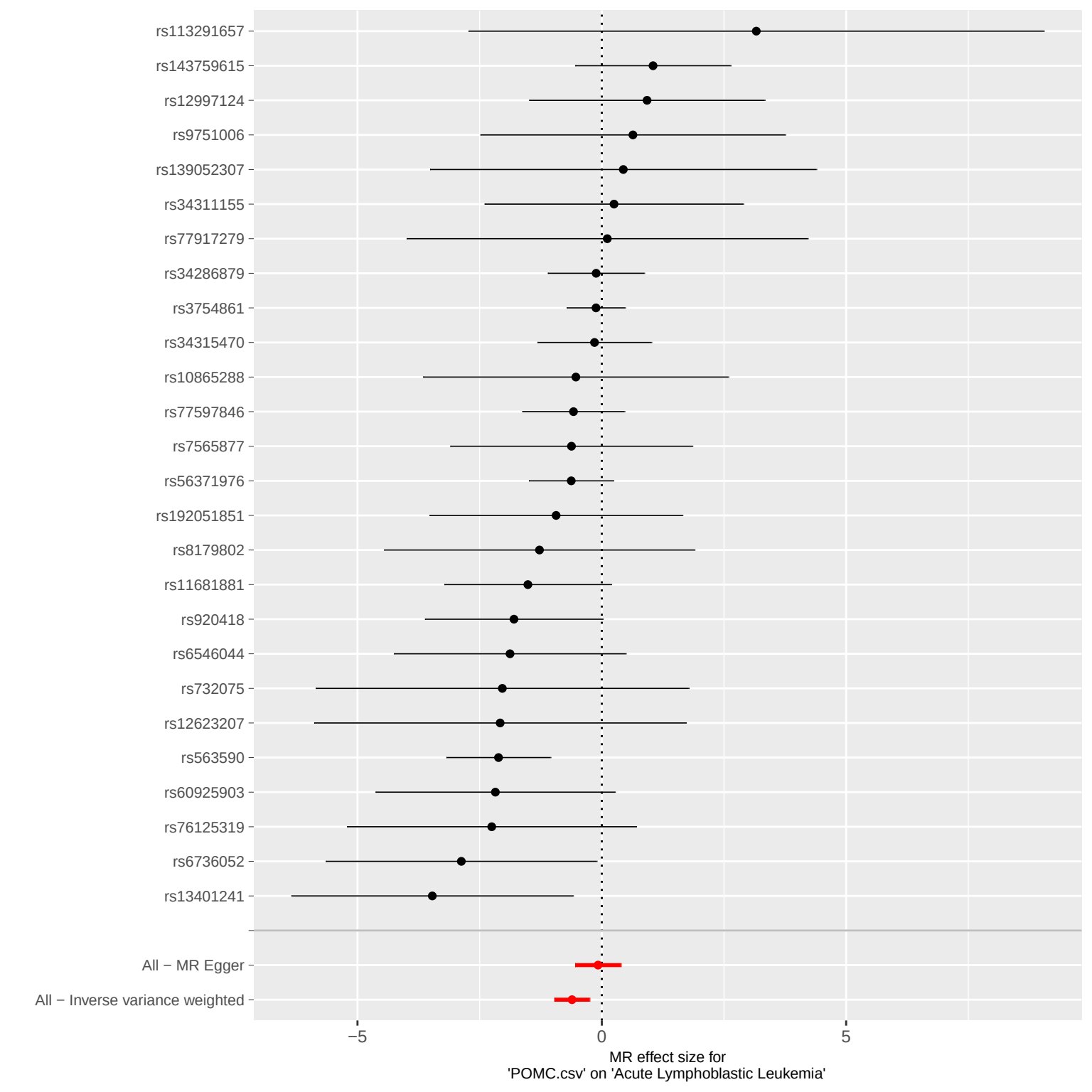
rs2944835
rs118076580
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'POM121B.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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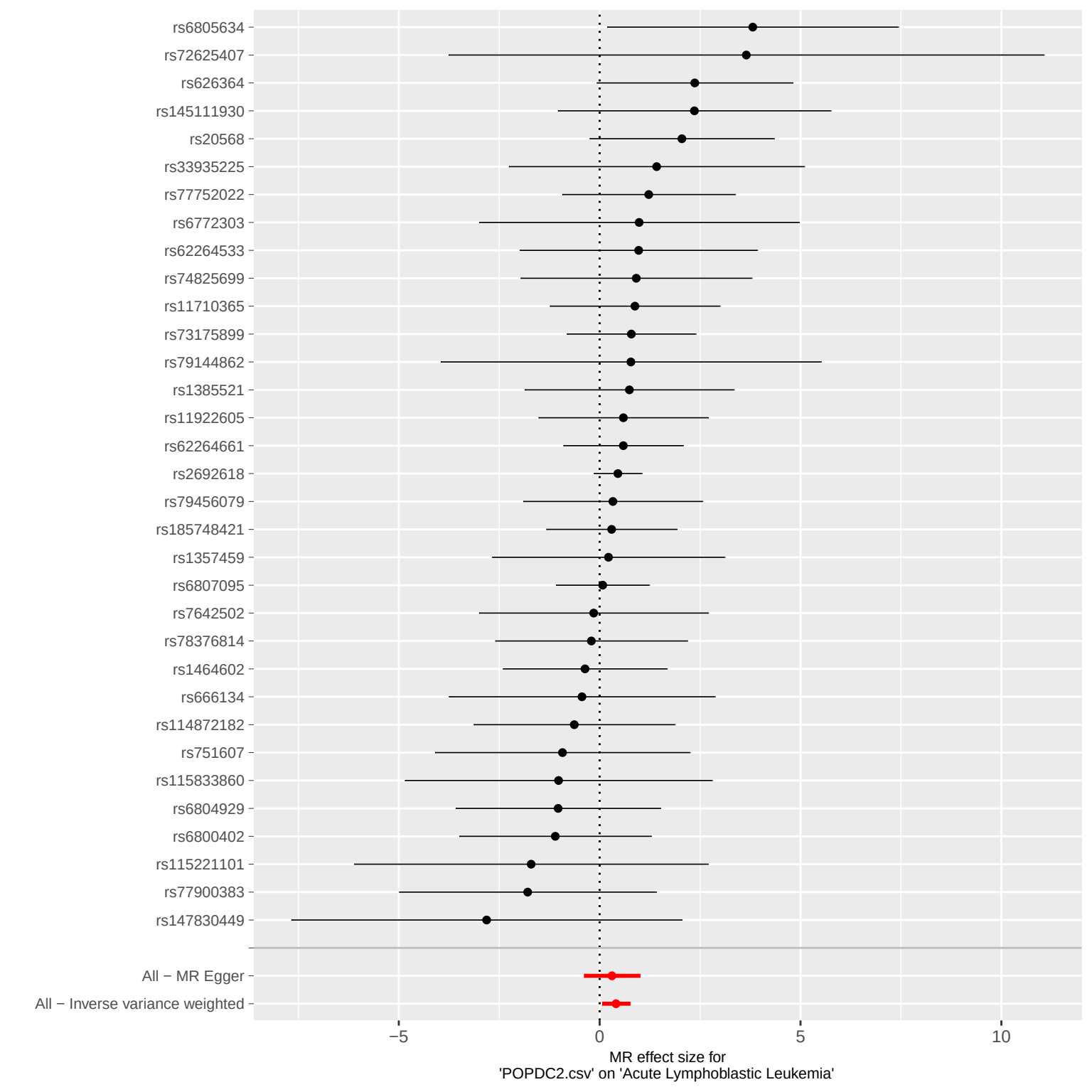
MR effect size for
'POMC.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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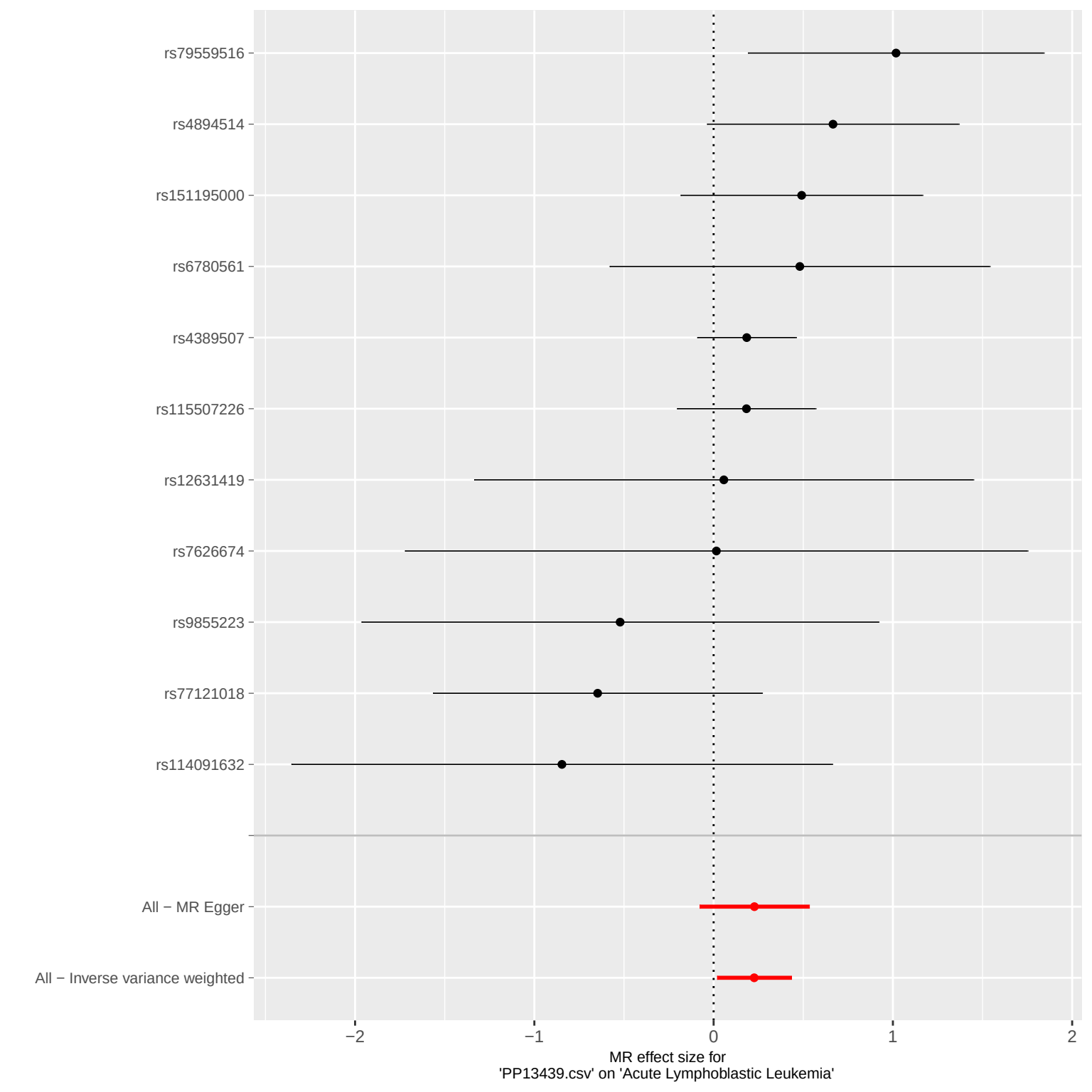
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All − MR Egger
All − Inverse variance weighted
−2
−1
0
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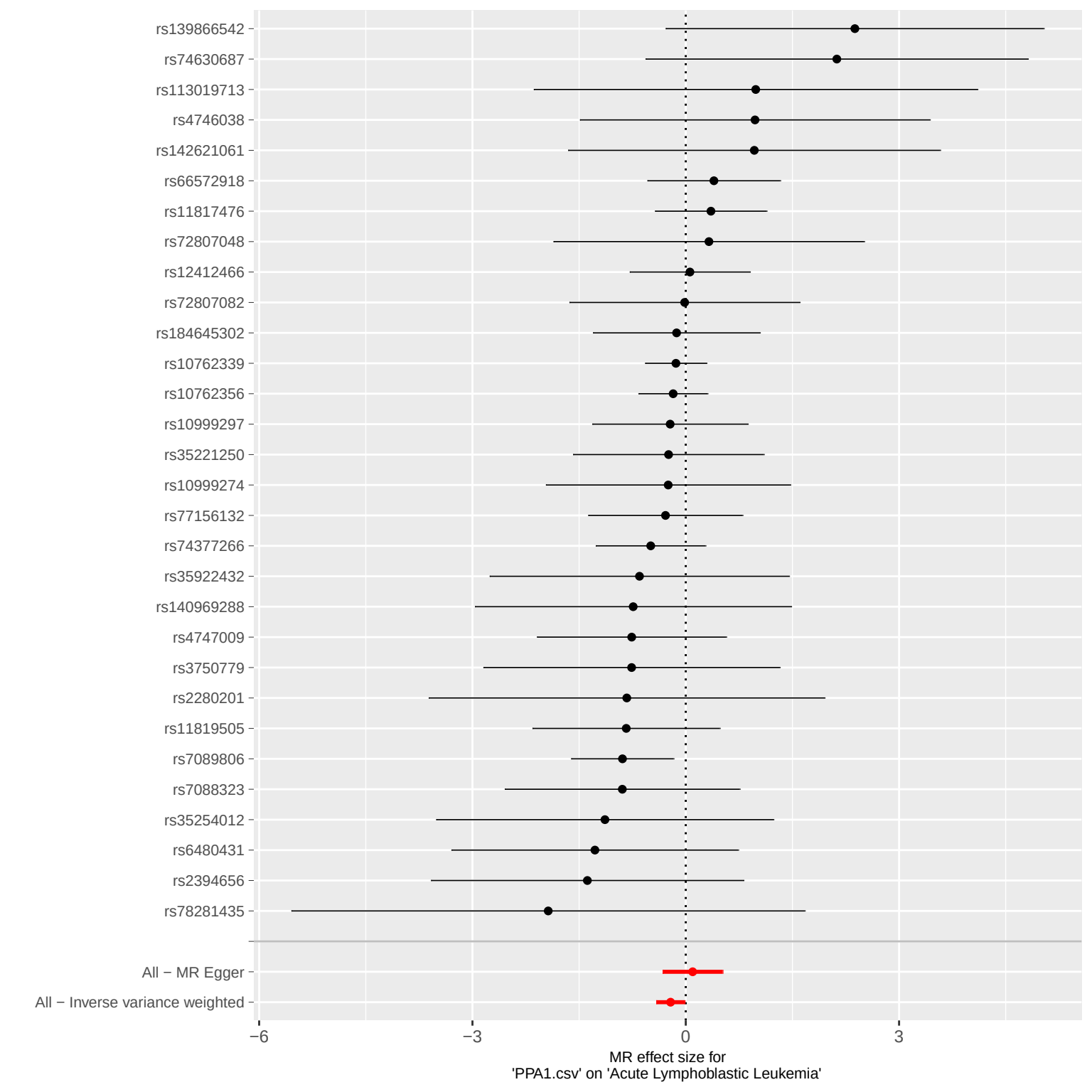
2
MR effect size for
'PP13439.csv' on 'Acute Lymphoblastic Leukemia'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rs35254012
rs6480431
rs2394656
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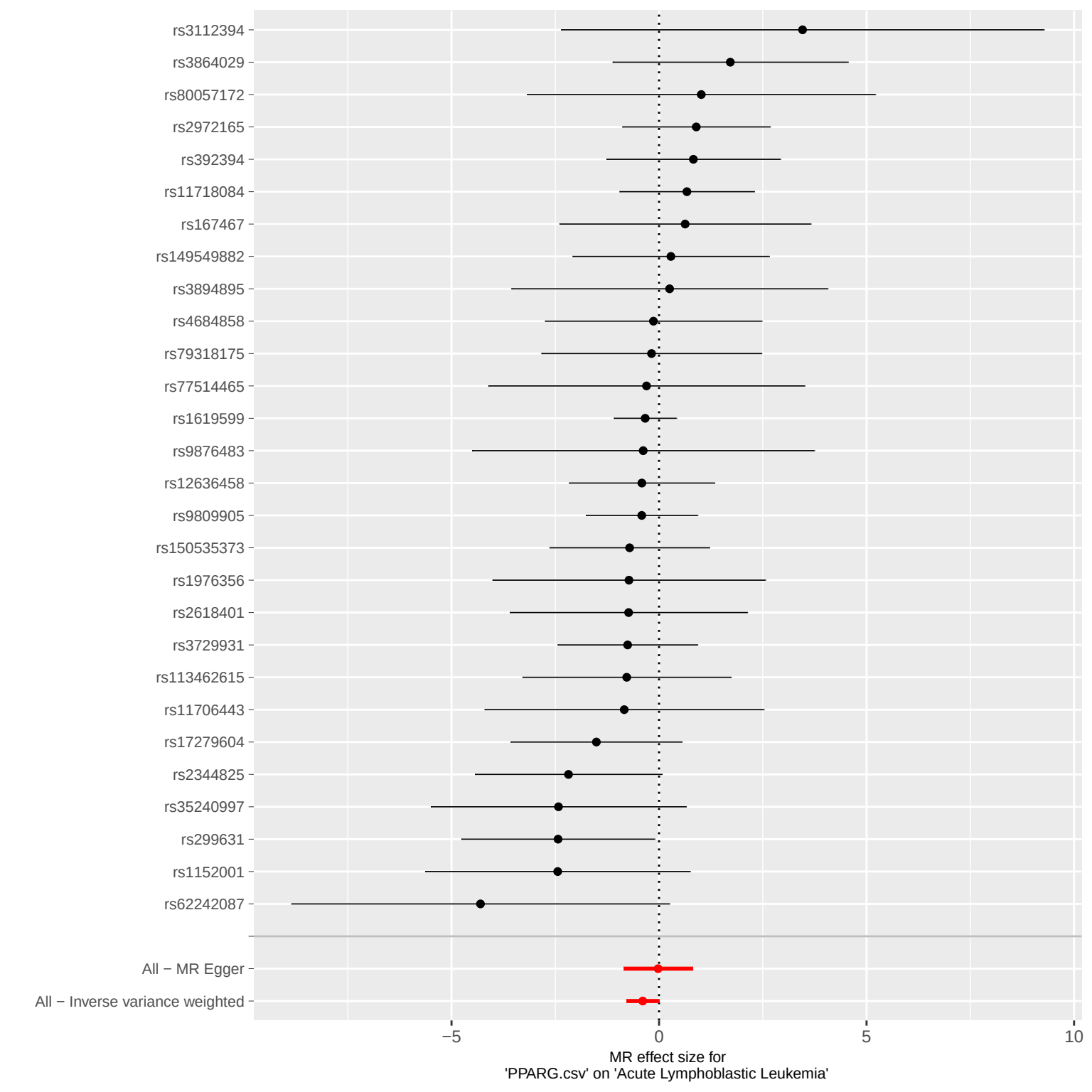
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'PPA1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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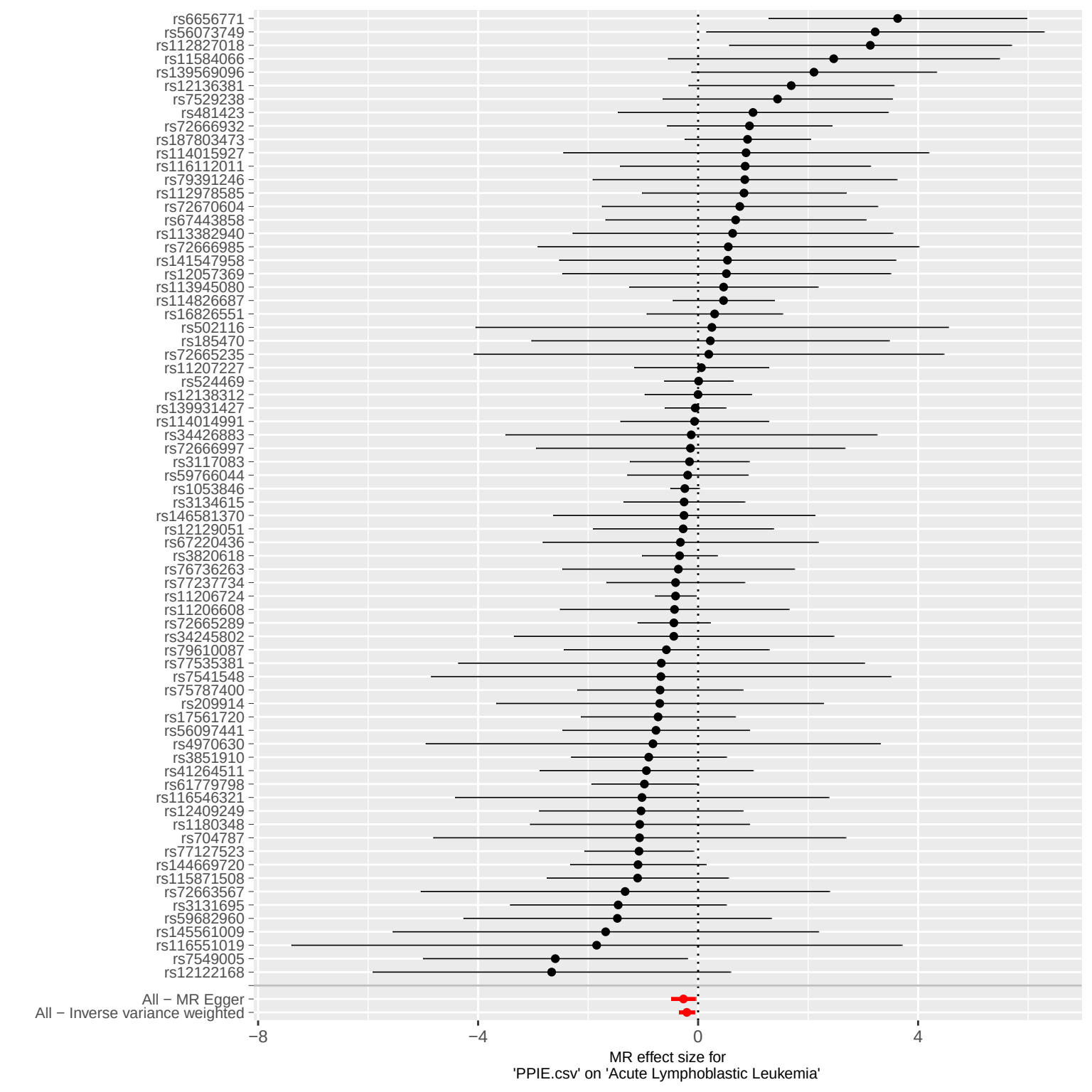
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rs144669720
rs115871508
rs72663567
rs3131695
rs59682960
rs145561009
rs116551019
rs7549005
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All − MR Egger
All − Inverse variance weighted
−8
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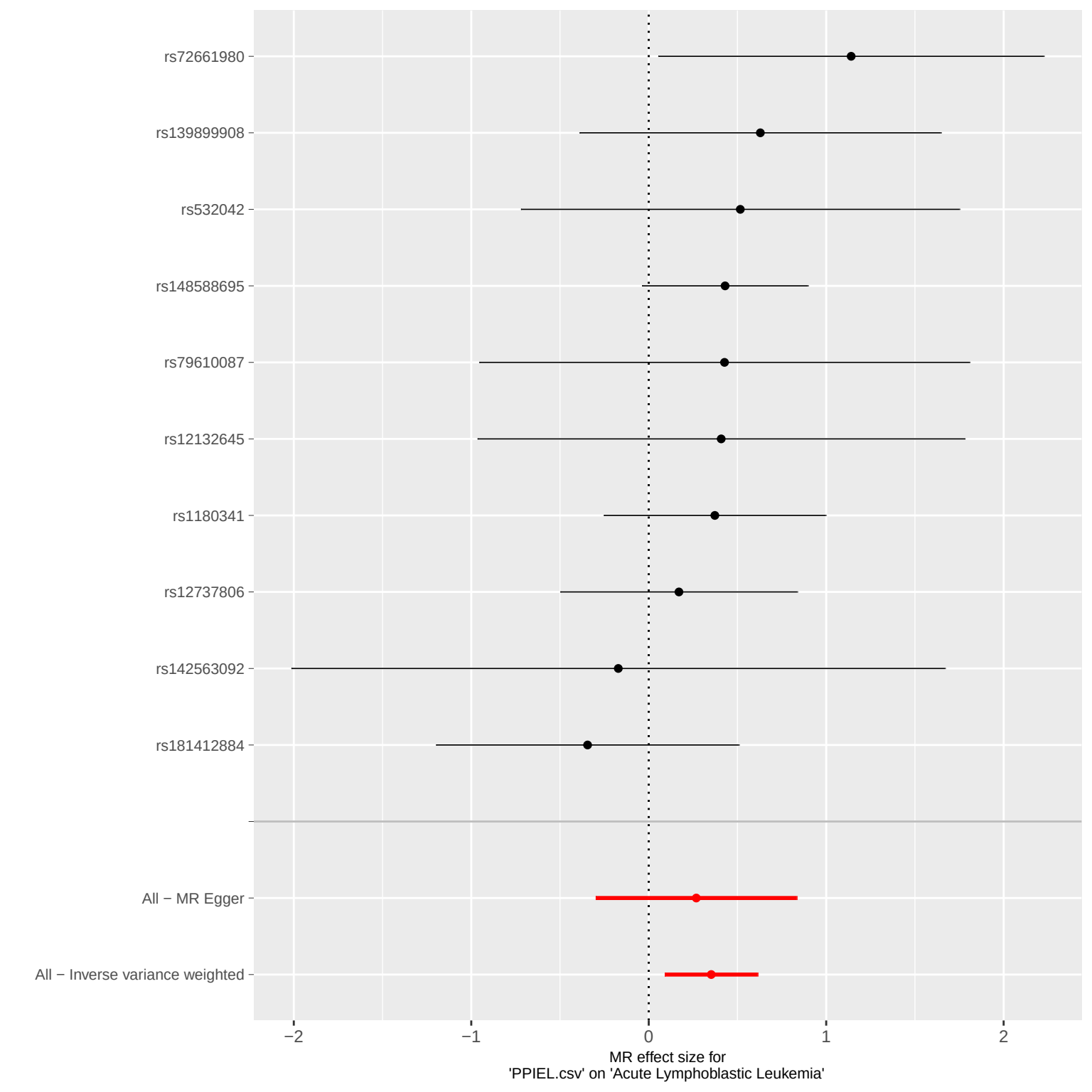
MR effect size for
'PPIE.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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1
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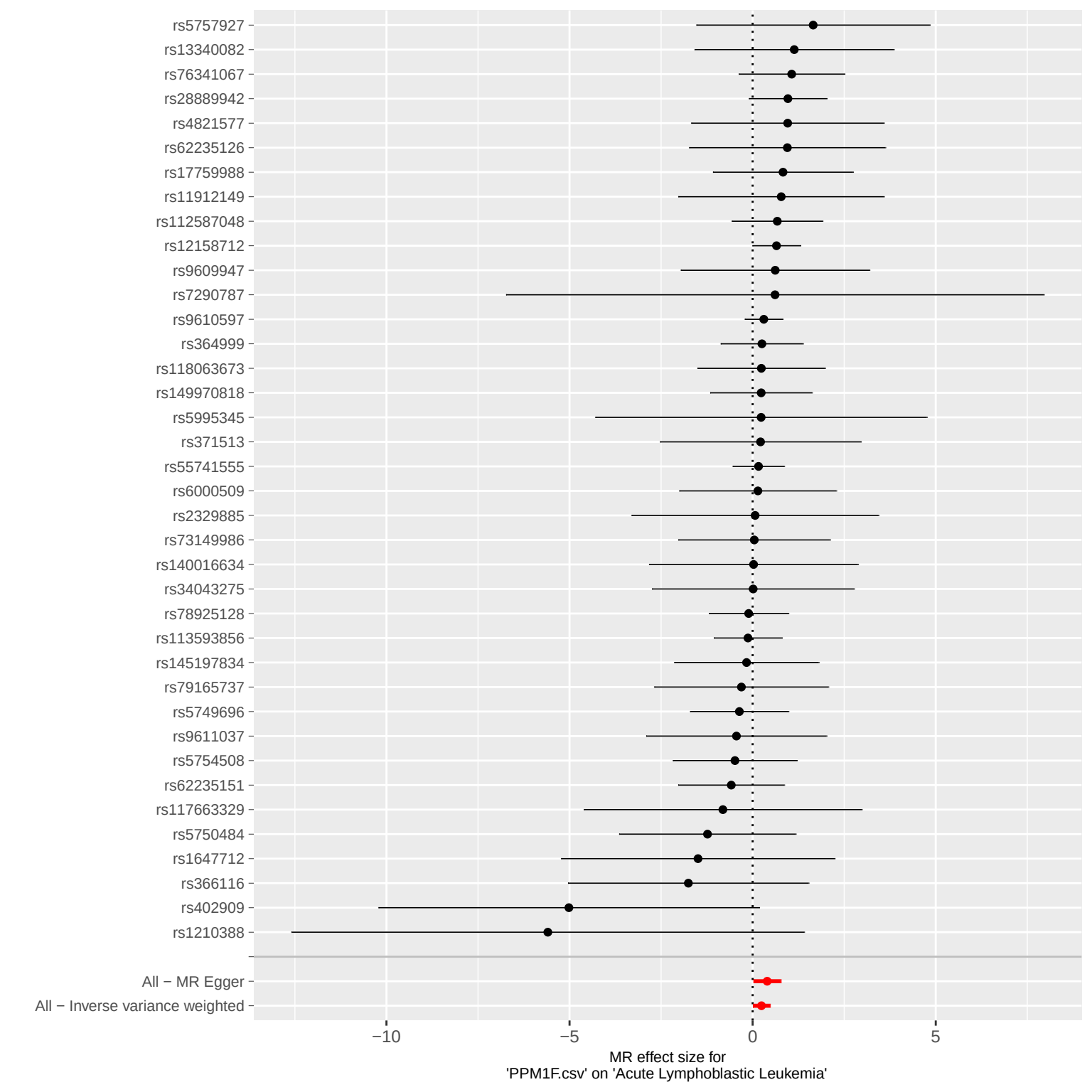
MR effect size for
'PPIEL.csv' on 'Acute Lymphoblastic Leukemia'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rs118063673
rs149970818
rs5995345
rs371513
rs55741555
rs6000509
rs2329885
rs73149986
rs140016634
rs34043275
rs78925128
rs113593856
rs145197834
rs79165737
rs5749696
rs9611037
rs5754508
rs62235151
rs117663329
rs5750484
rs1647712
rs366116
rs402909
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All − MR Egger
All − Inverse variance weighted
−10
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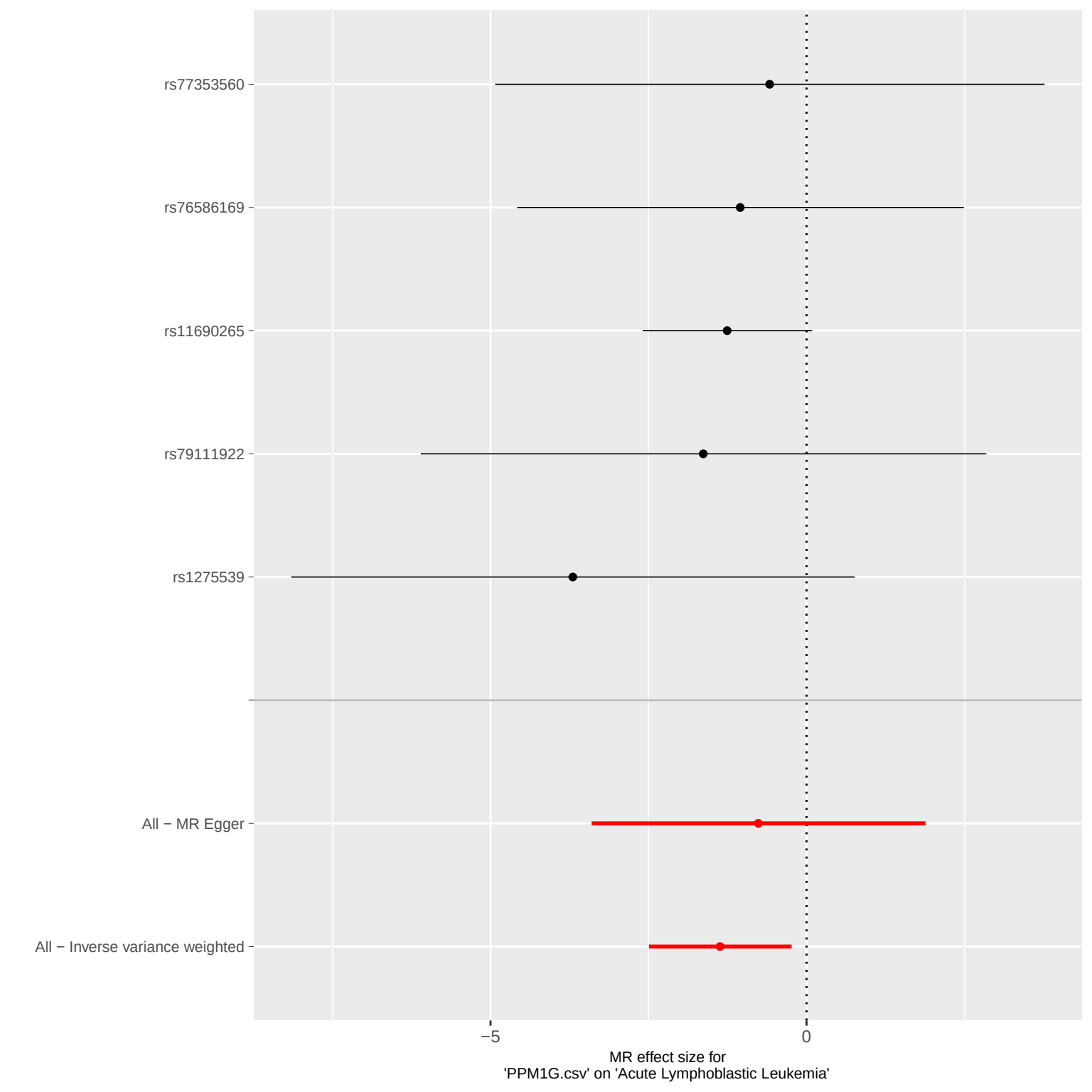
5
MR effect size for
'PPM1F.csv' on 'Acute Lymphoblastic Leukemia'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rs76586169
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All − MR Egger
All − Inverse variance weighted
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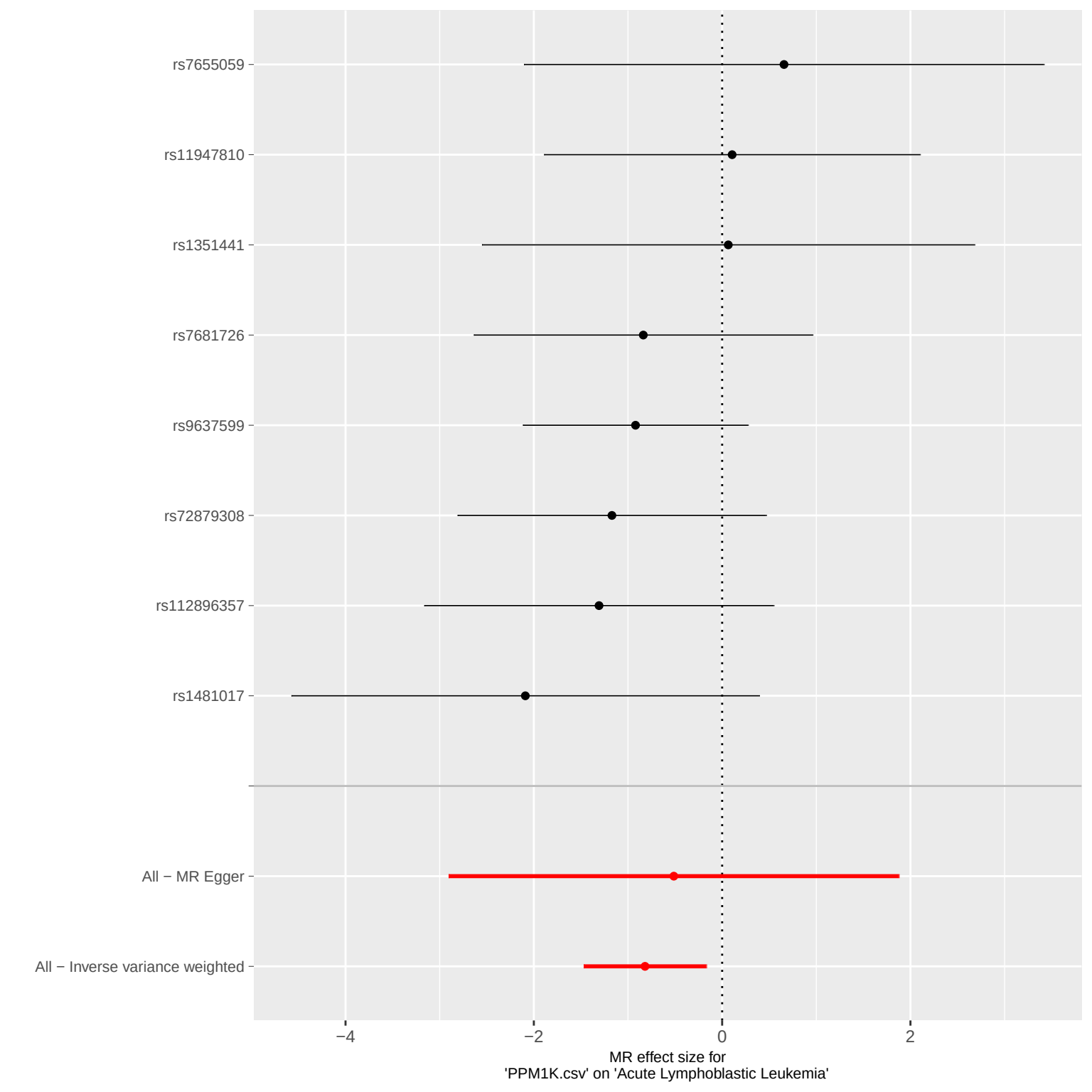
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rs72879308
rs112896357
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All − MR Egger
All − Inverse variance weighted
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−2
0
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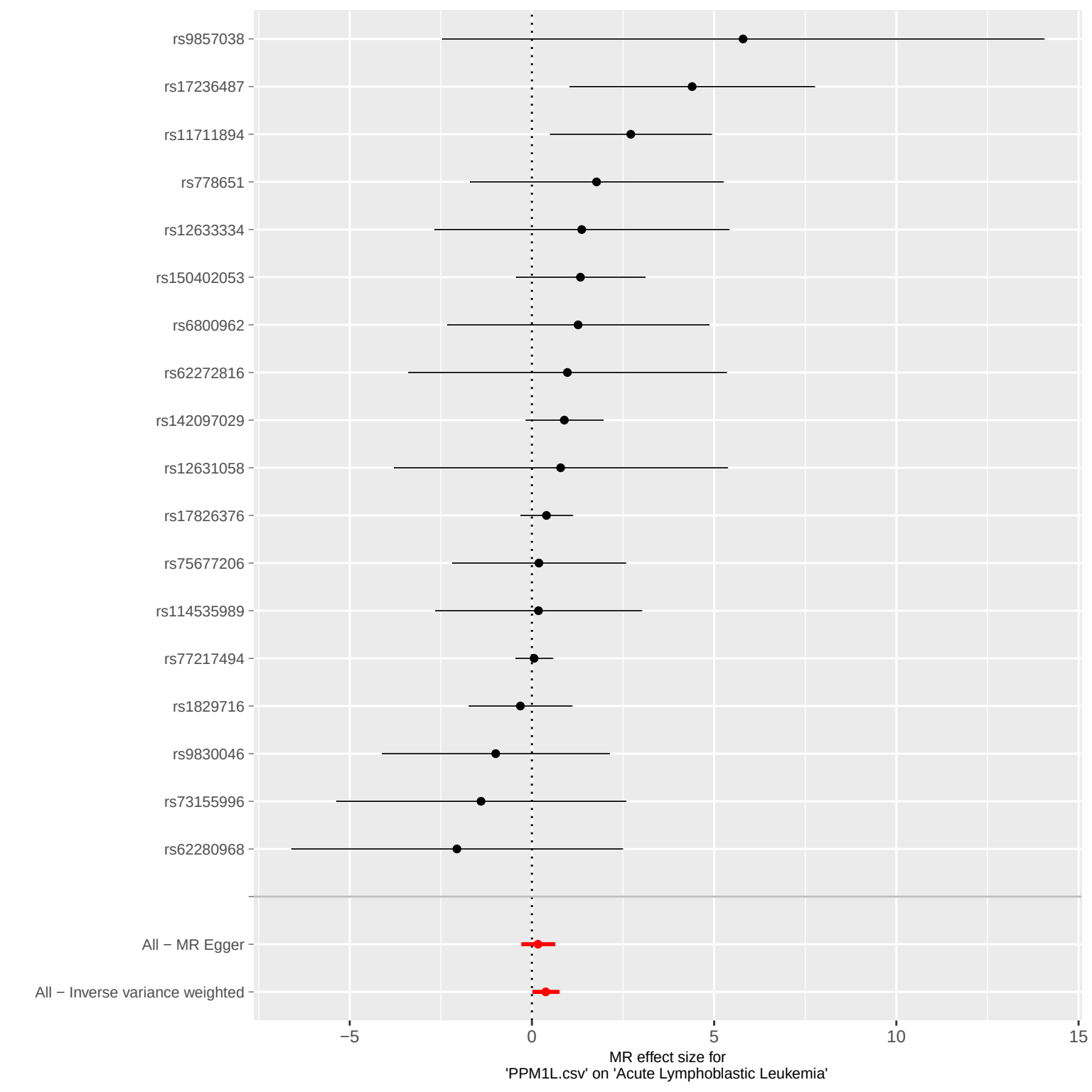
MR effect size for
'PPM1K.csv' on 'Acute Lymphoblastic Leukemia'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rs77217494
rs1829716
rs9830046
rs73155996
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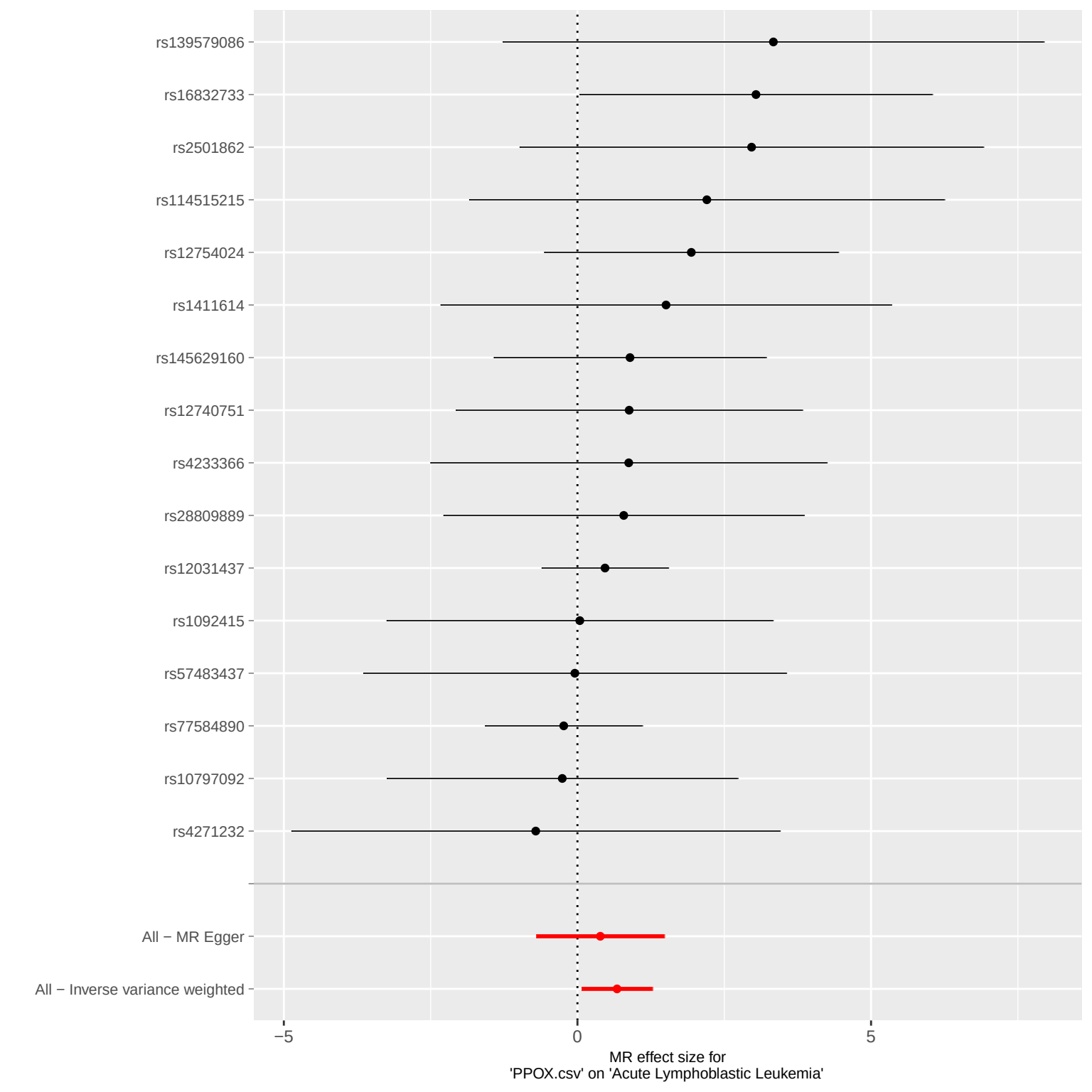
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'PPM1L.csv' on 'Acute Lymphoblastic Leukemia'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rs12031437
rs1092415
rs57483437
rs77584890
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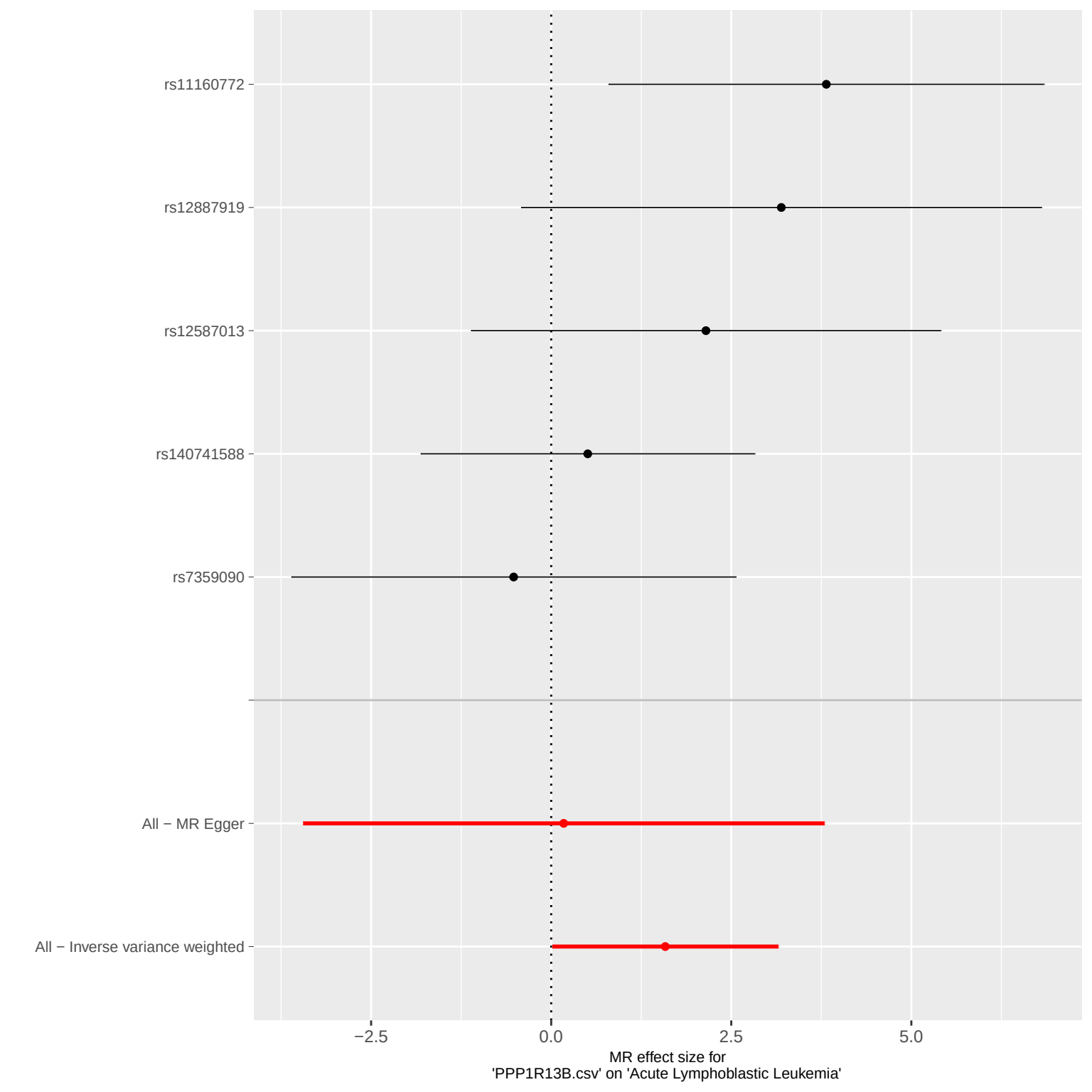
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PPOX.csv' on 'Acute Lymphoblastic Leukemia'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rs12887919
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All − MR Egger
All − Inverse variance weighted
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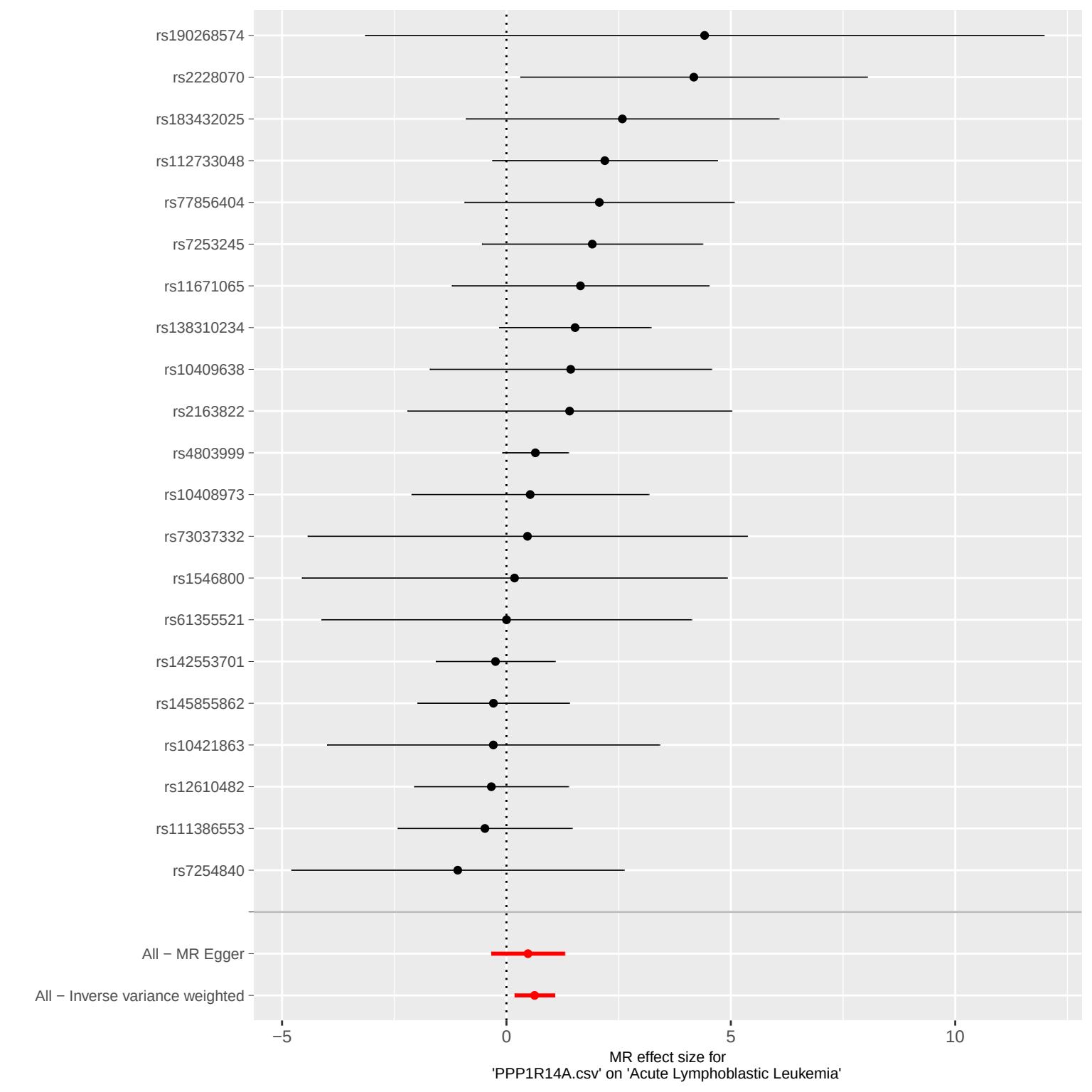
0.0
2.5
5.0
MR effect size for
'PPP1R13B.csv' on 'Acute Lymphoblastic Leukemia'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rs4803999
rs10408973
rs73037332
rs1546800
rs61355521
rs142553701
rs145855862
rs10421863
rs12610482
rs111386553
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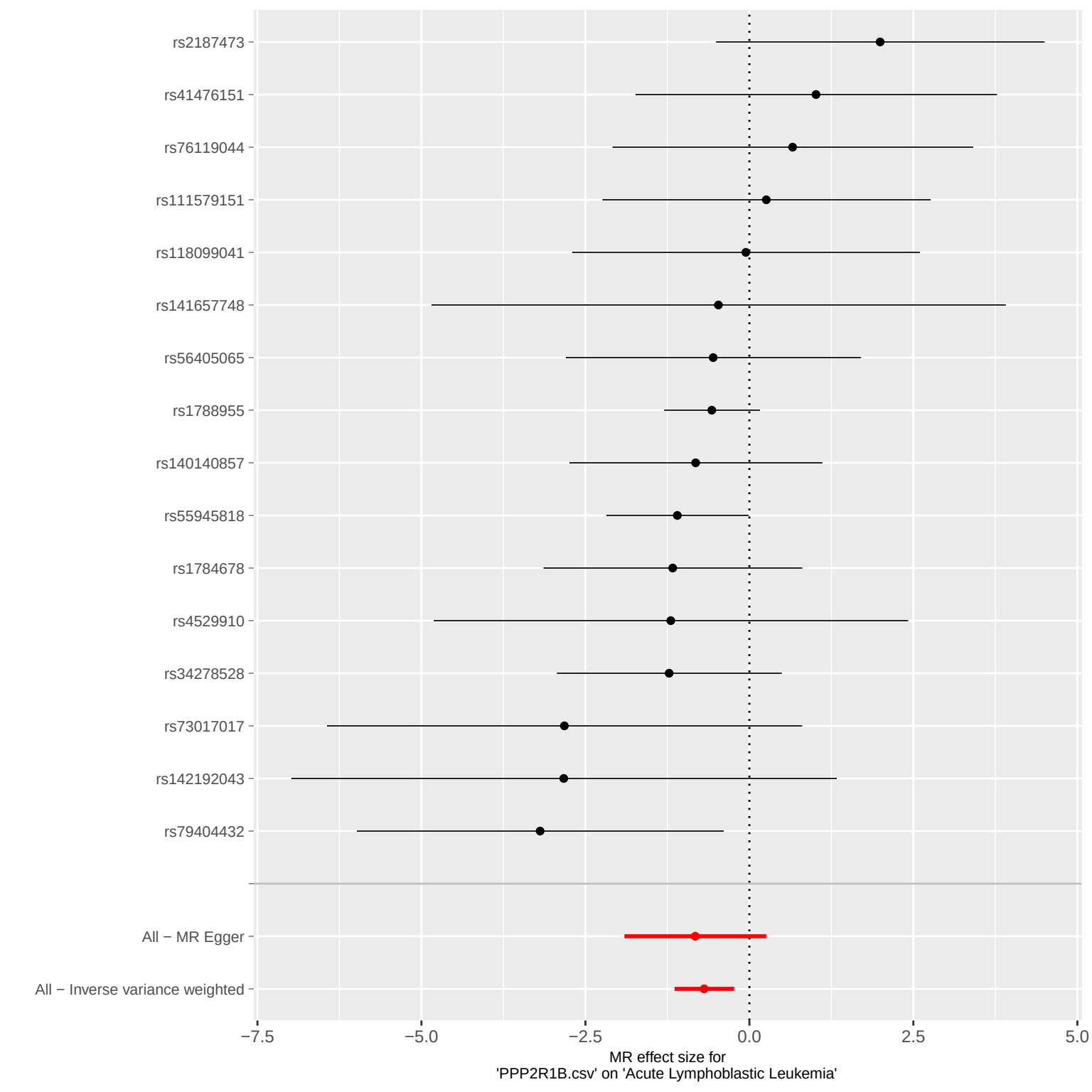
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'PPP1R14A.csv' on 'Acute Lymphoblastic Leukemia'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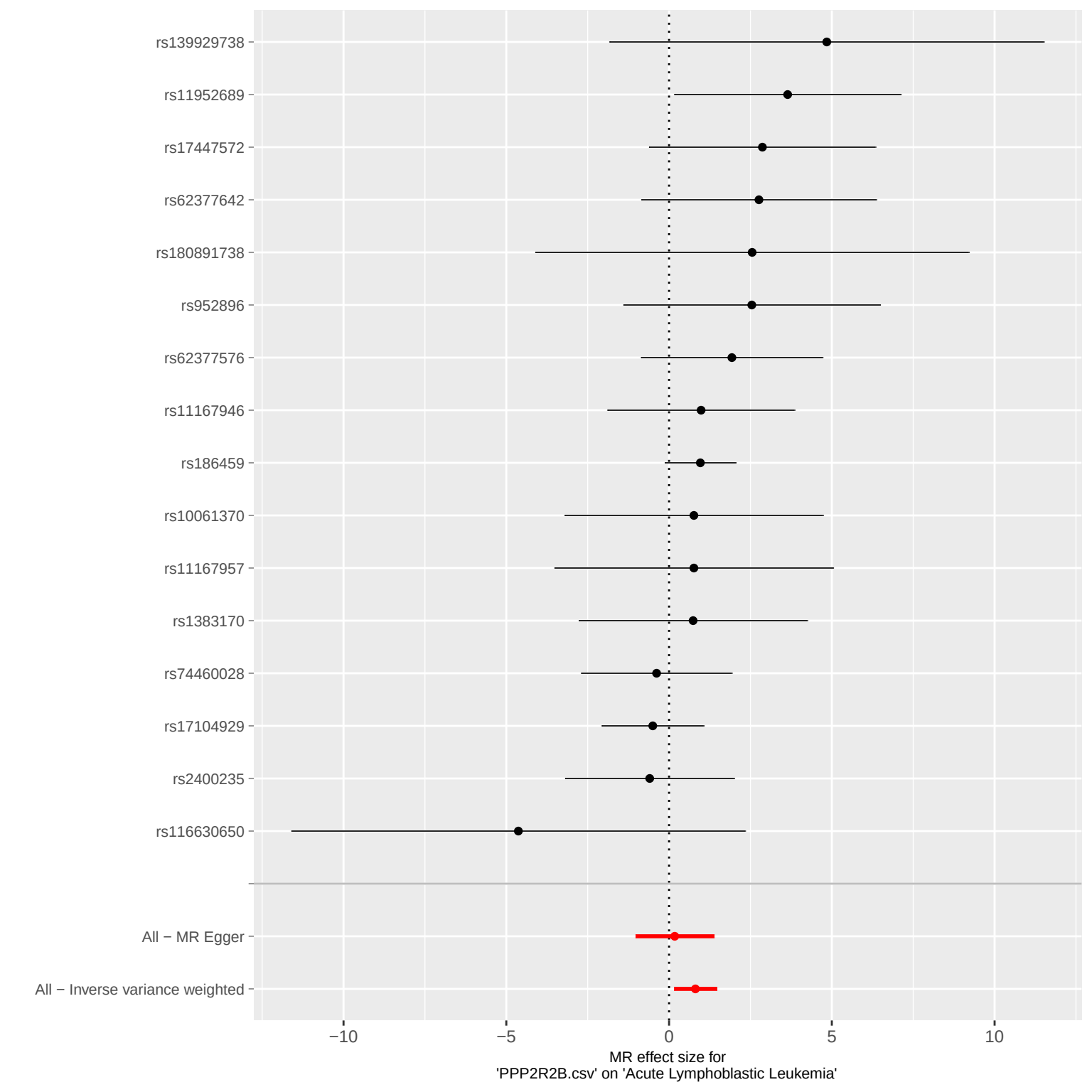
rs34278528
rs73017017
rs142192043
rs79404432
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PPP2R1B.csv' on 'Acute Lymphoblastic Leukemia'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rs11167957
rs1383170
rs74460028
rs17104929
rs2400235
rs116630650
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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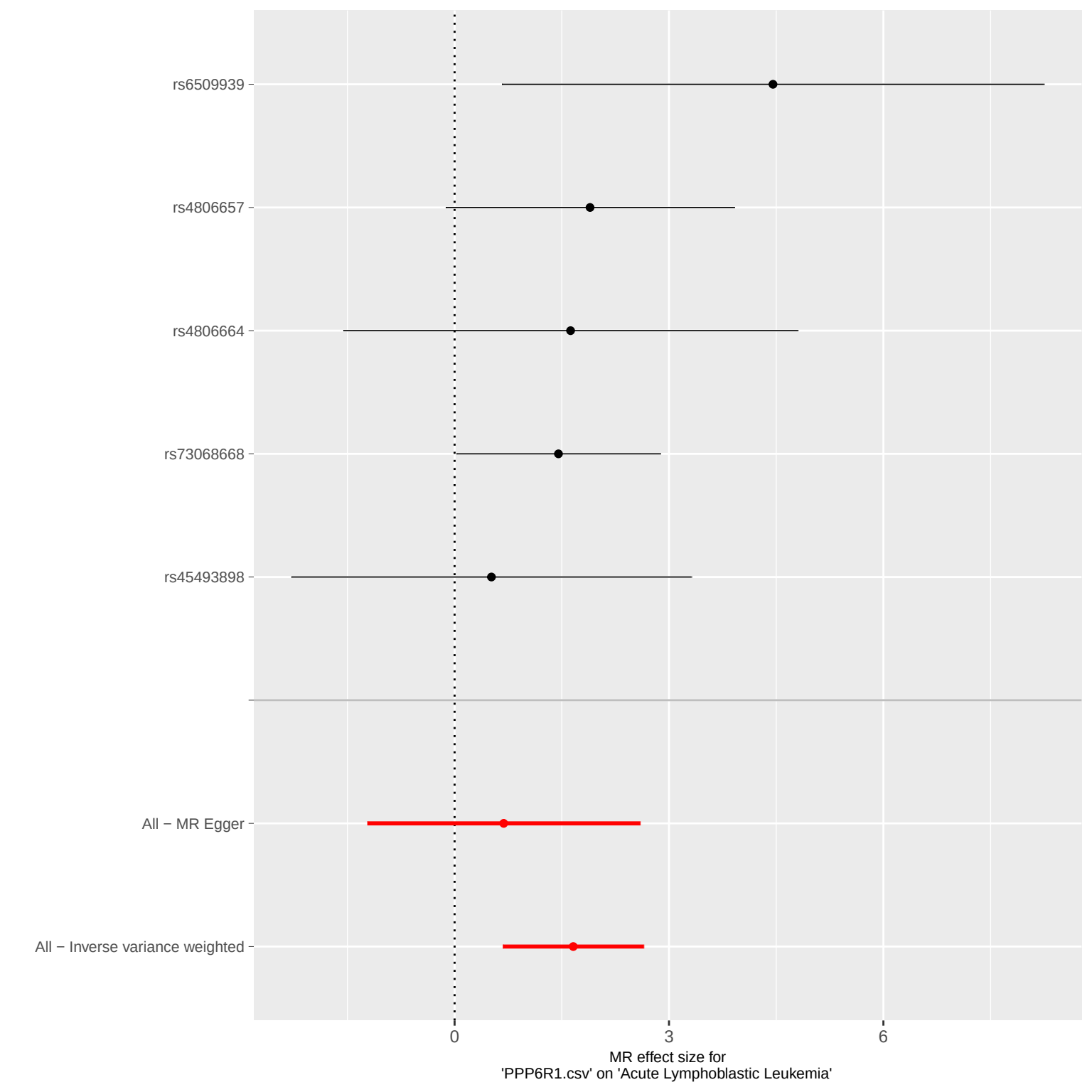
MR effect size for
'PPP2R2B.csv' on 'Acute Lymphoblastic Leukemia'


rs6509939
rs4806657
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rs73068668
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All − MR Egger
All − Inverse variance weighted
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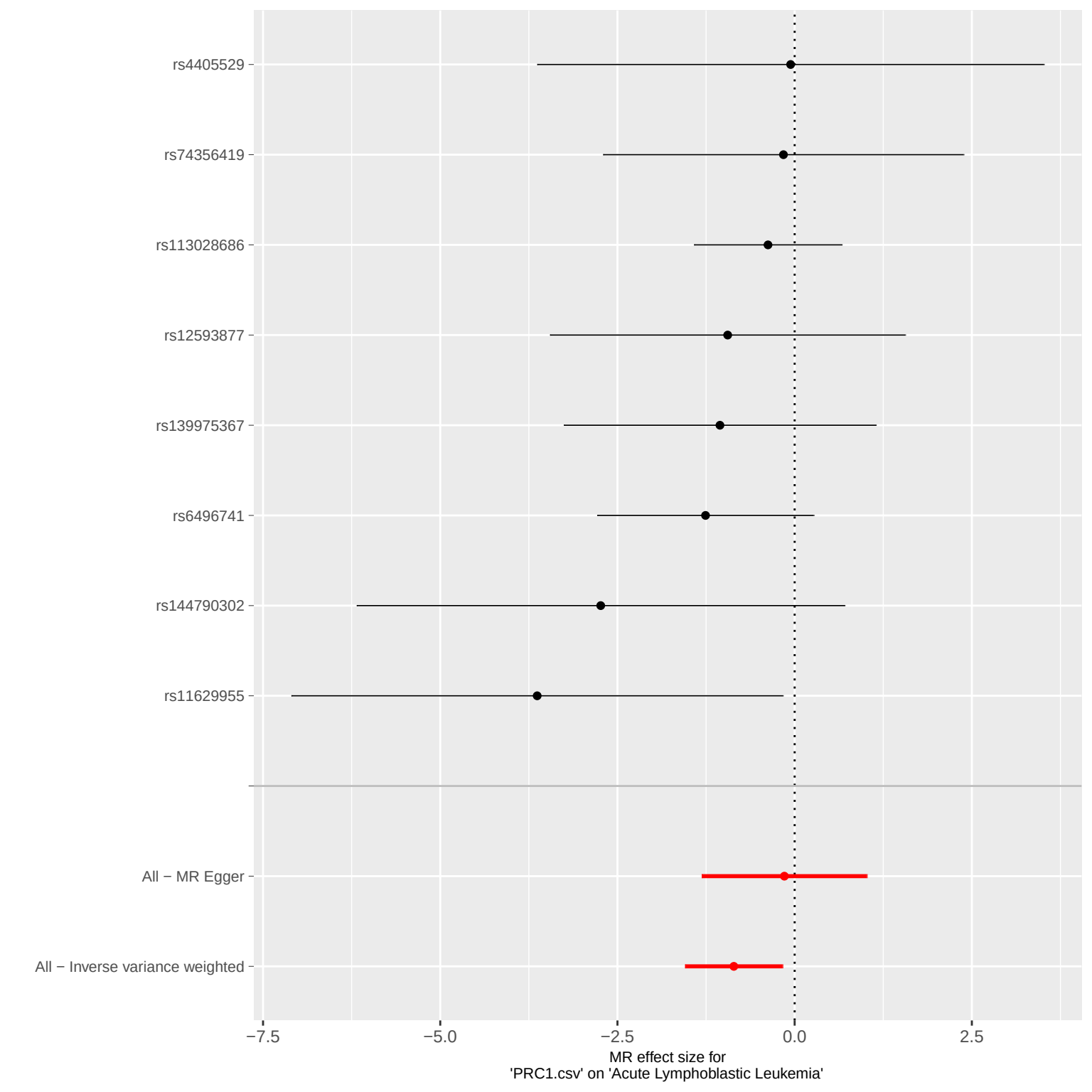
MR effect size for
'PPP6R1.csv' on 'Acute Lymphoblastic Leukemia'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rs74356419
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rs139975367
rs6496741
rs144790302
rs11629955
All − MR Egger
All − Inverse variance weighted
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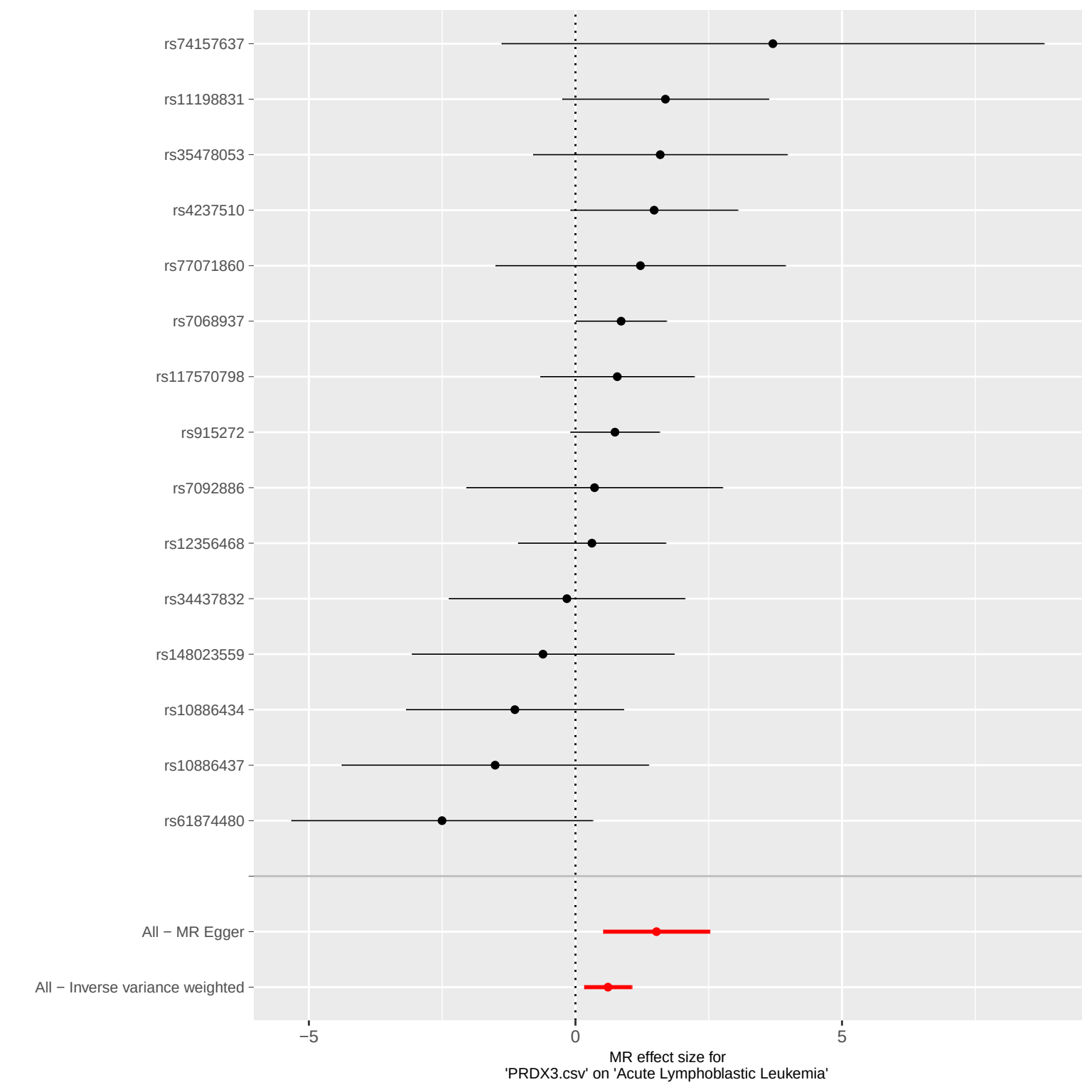
−5.0
−2.5
0.0
2.5
MR effect size for
'PRC1.csv' on 'Acute Lymphoblastic Leukemia'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rs7092886
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rs34437832
rs148023559
rs10886434
rs10886437
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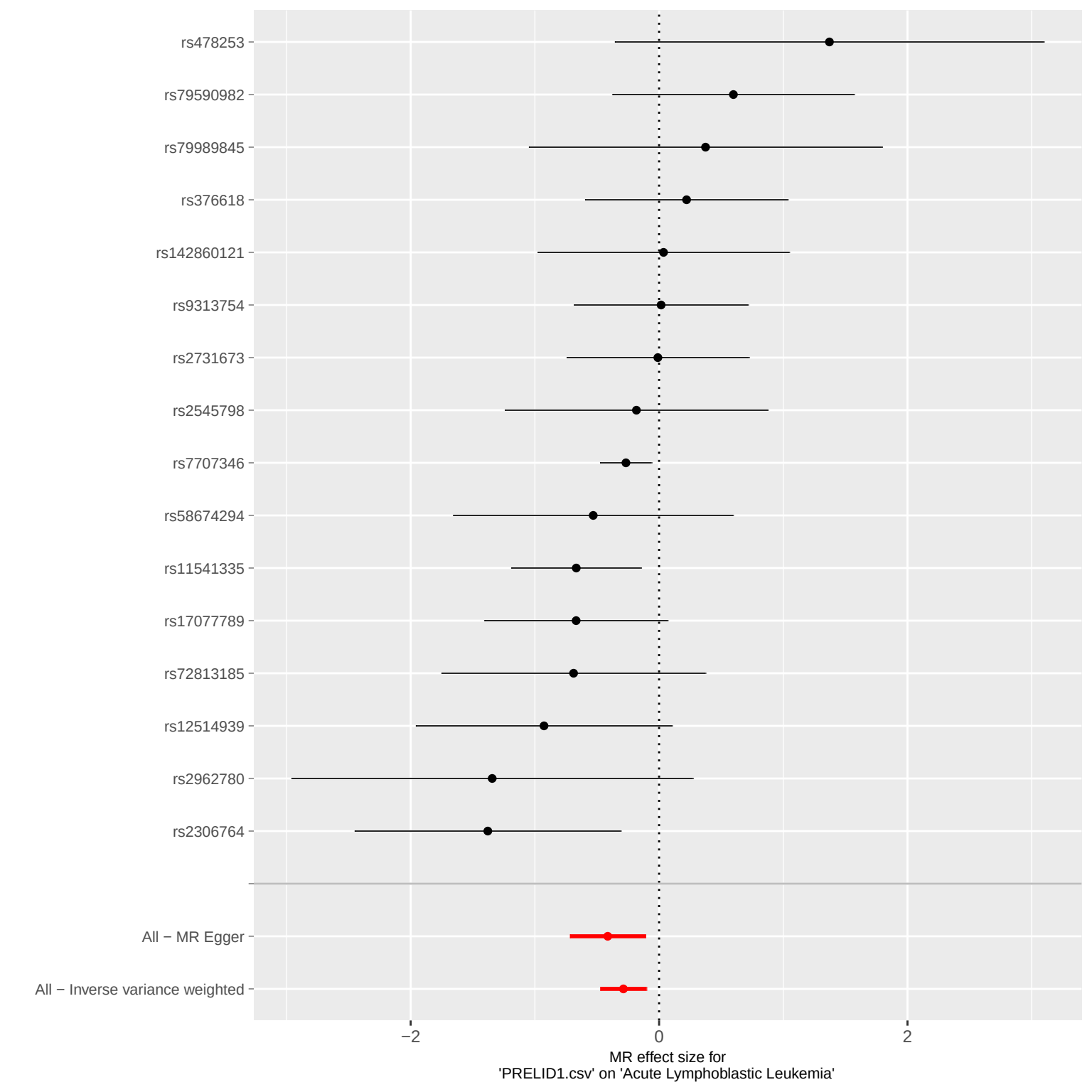
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PRDX3.csv' on 'Acute Lymphoblastic Leukemia'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rs2731673
rs2545798
rs7707346
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rs11541335
rs17077789
rs72813185
rs12514939
rs2962780
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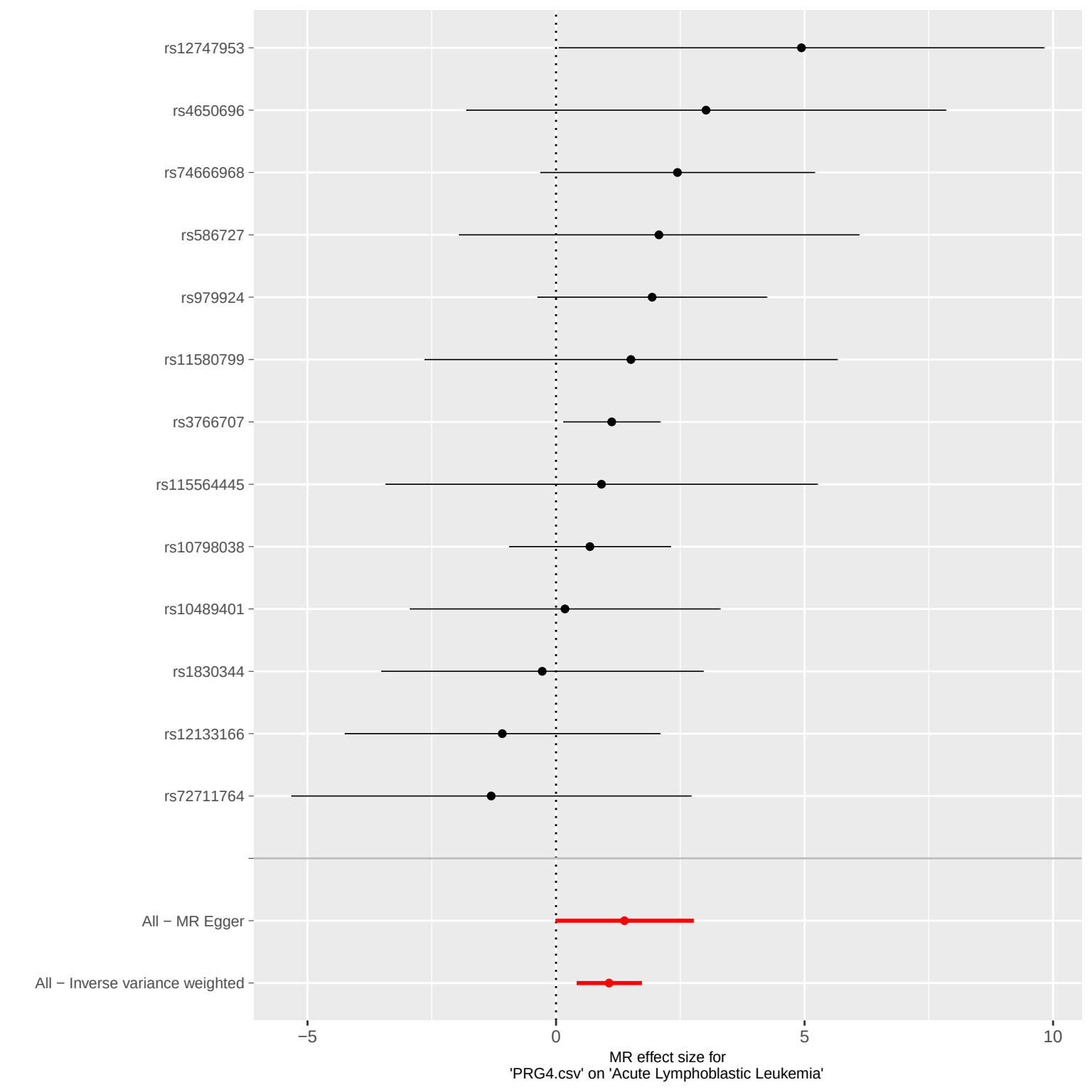
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PRELID1.csv' on 'Acute Lymphoblastic Leukemia'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rs12133166
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All − MR Egger
All − Inverse variance weighted
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5
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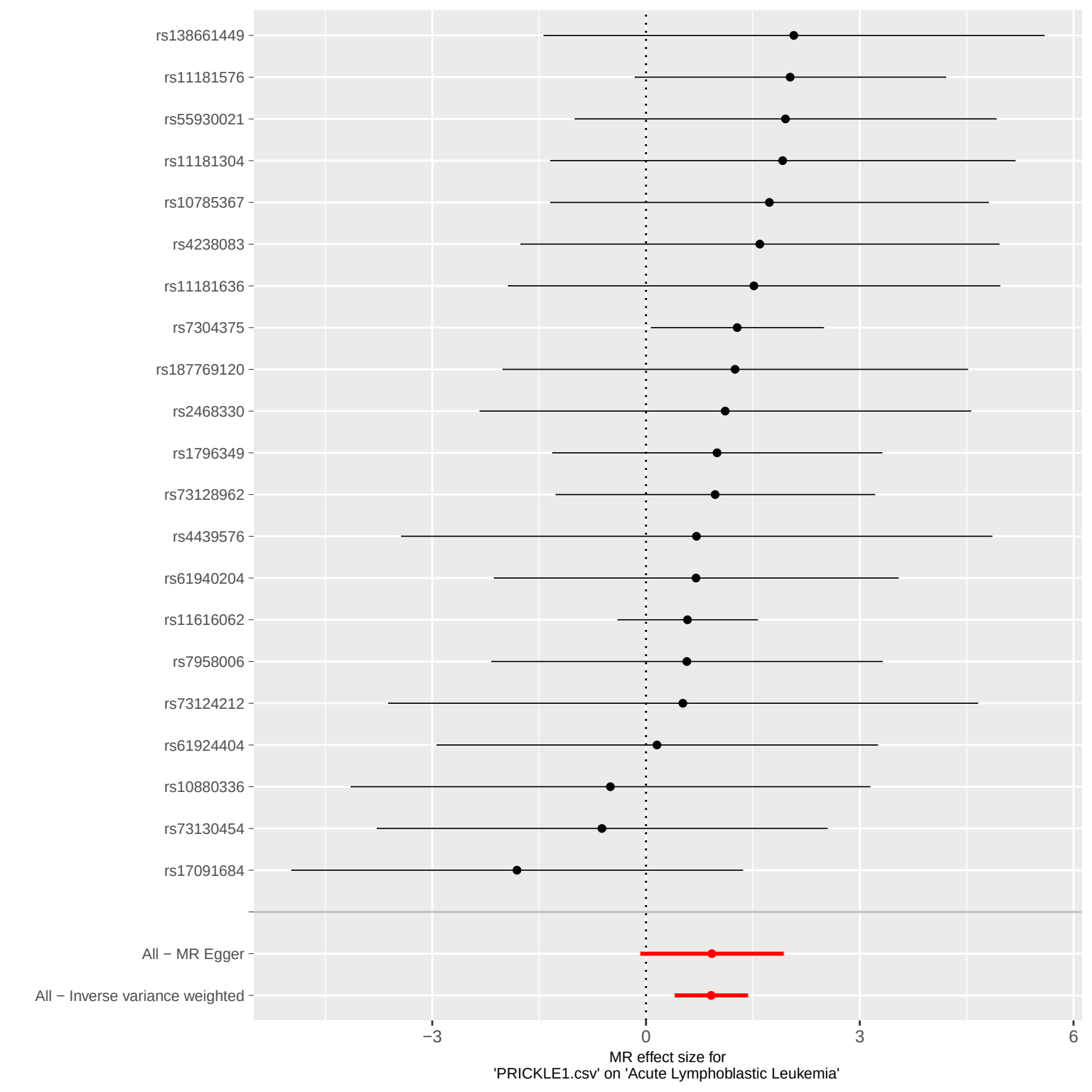
MR effect size for
'PRG4.csv' on 'Acute Lymphoblastic Leukemia'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rs7958006
rs73124212
rs61924404
rs10880336
rs73130454
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All − MR Egger
All − Inverse variance weighted
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3
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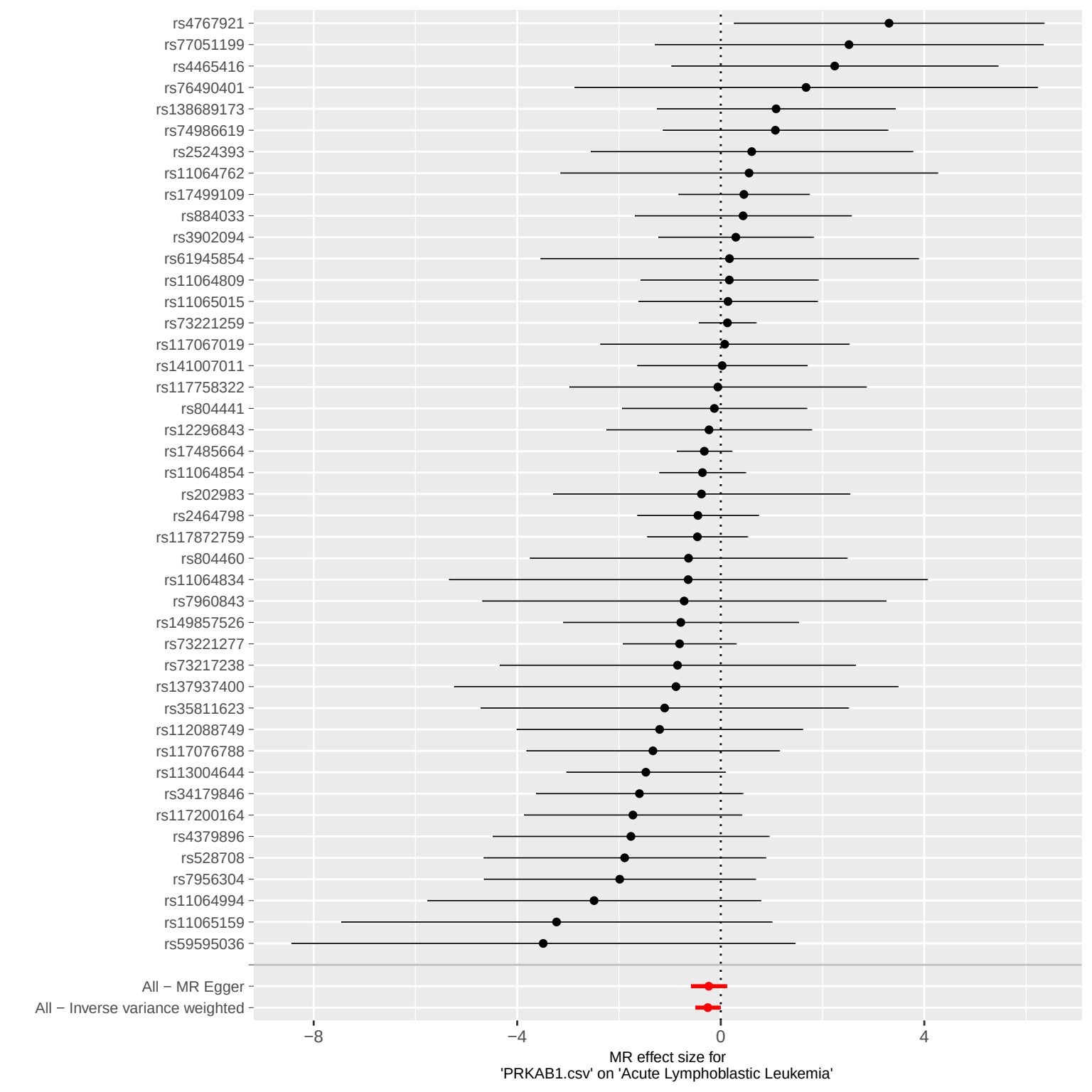
MR effect size for
'PRICKLE1.csv' on 'Acute Lymphoblastic Leukemia'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rs7956304
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All − MR Egger
All − Inverse variance weighted
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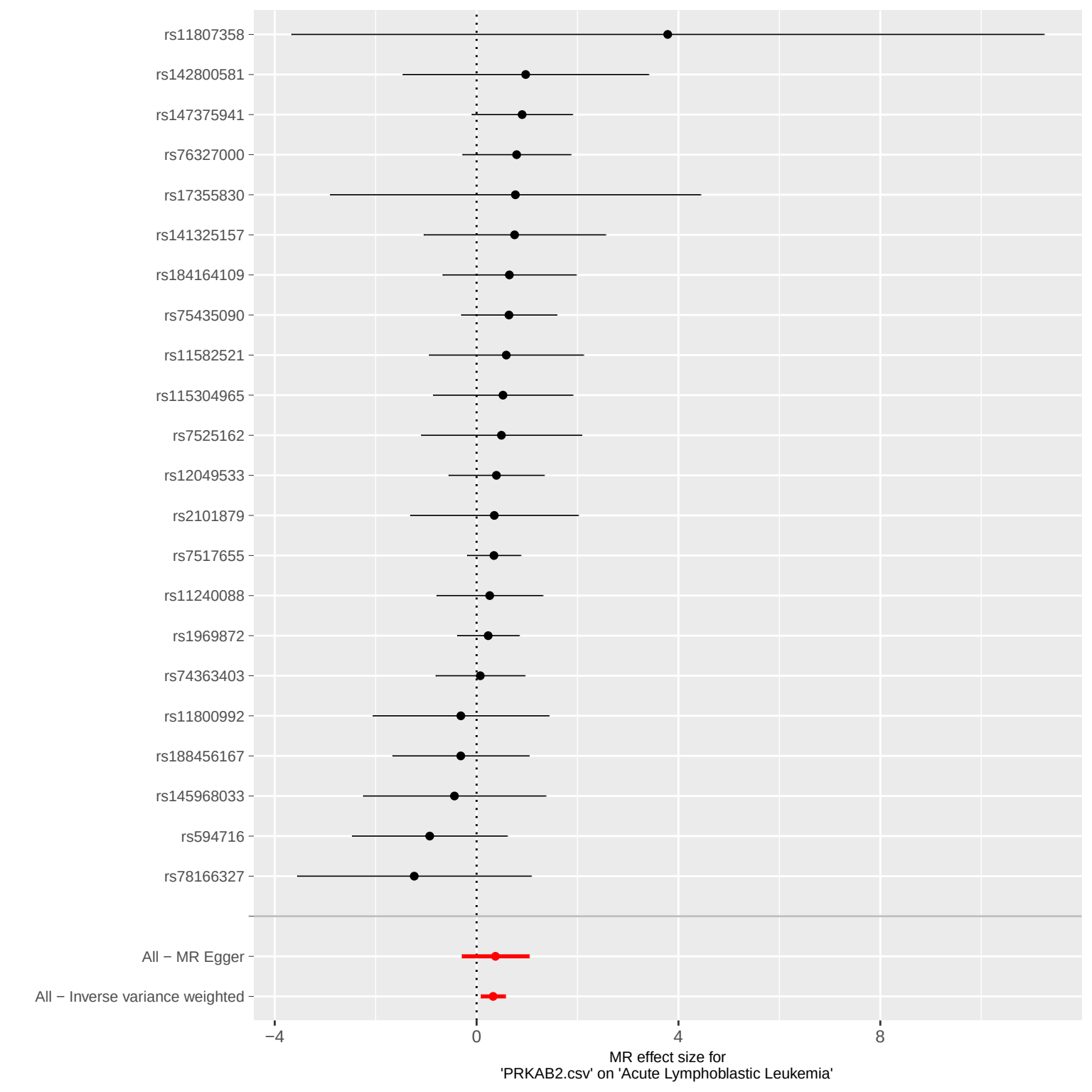
MR effect size for
'PRKAB1.csv' on 'Acute Lymphoblastic Leukemia'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rs145968033
rs594716
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All − Inverse variance weighted
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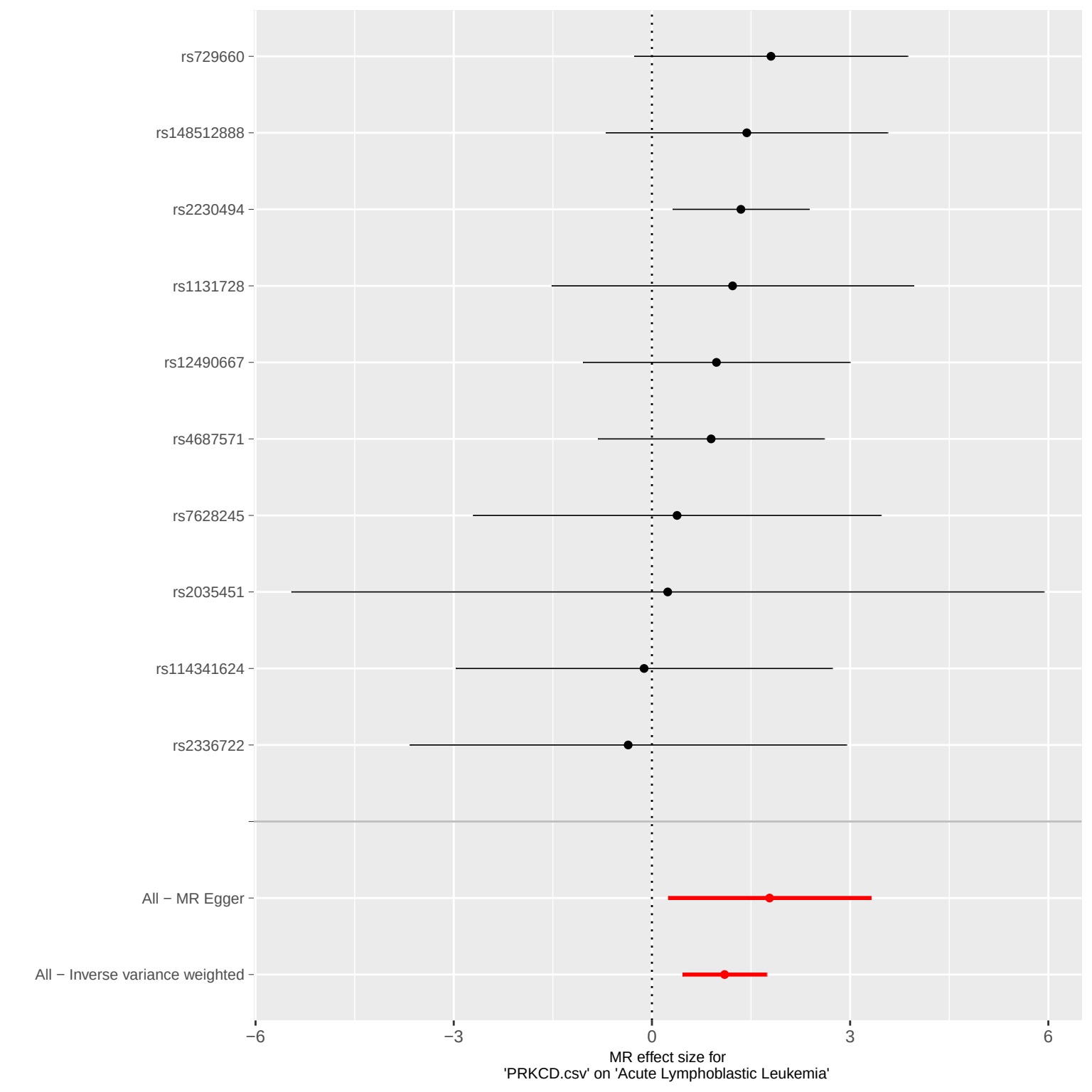
MR effect size for
'PRKAB2.csv' on 'Acute Lymphoblastic Leukemia'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rs4687571
rs7628245
rs2035451
rs114341624
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All − MR Egger
All − Inverse variance weighted
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−3
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3
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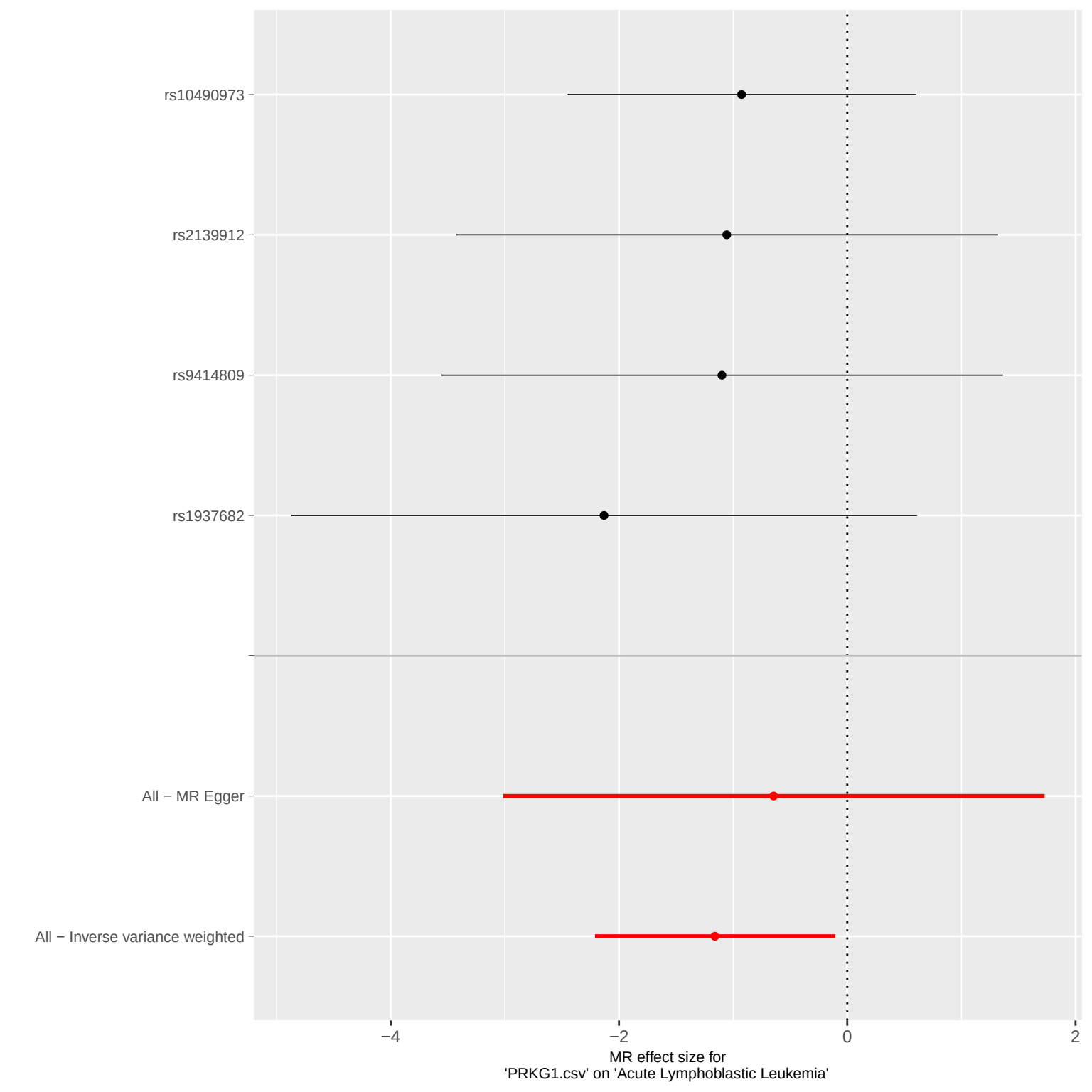
MR effect size for
'PRKCD.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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0
2
MR effect size for
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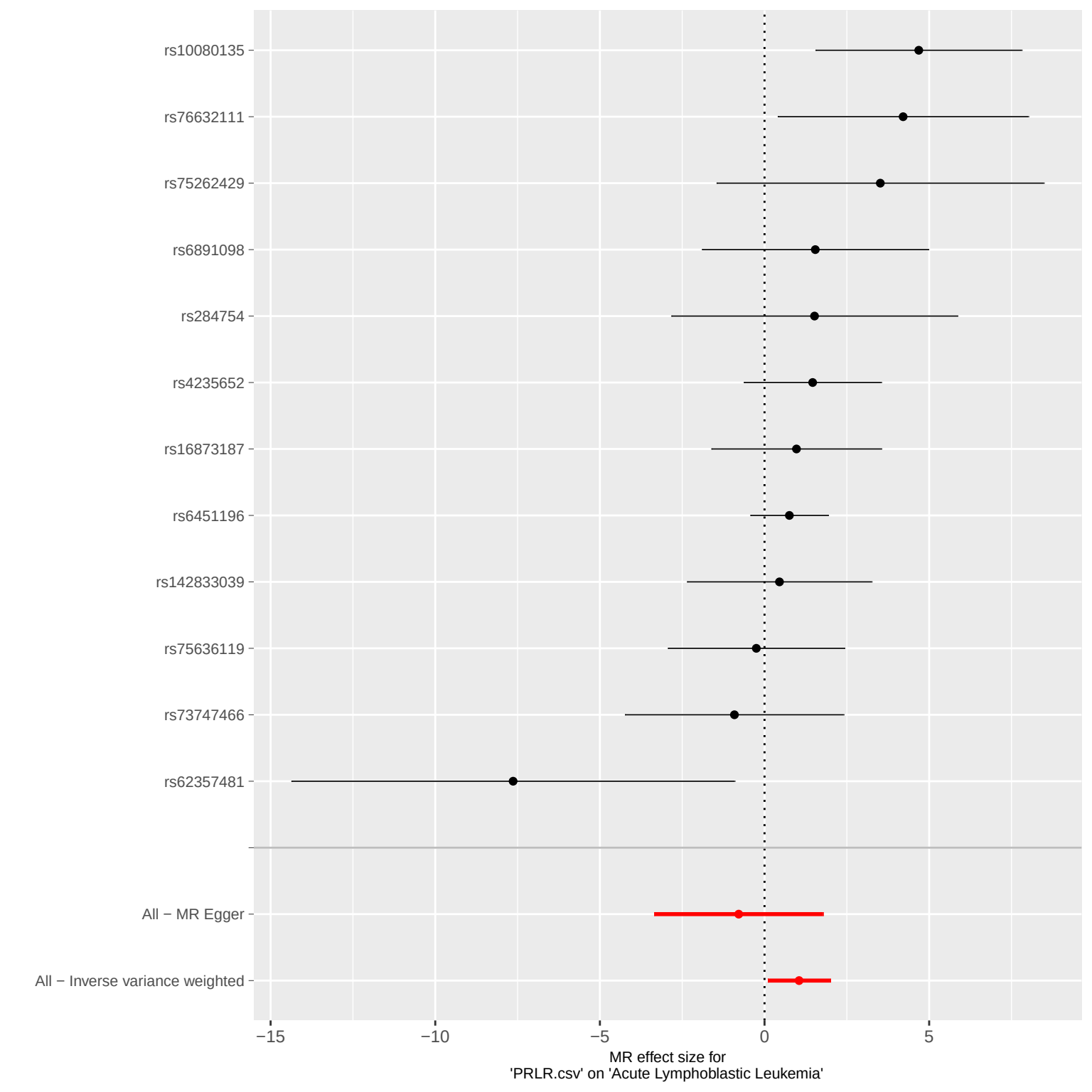
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rs62357481
All − MR Egger
All − Inverse variance weighted
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−5
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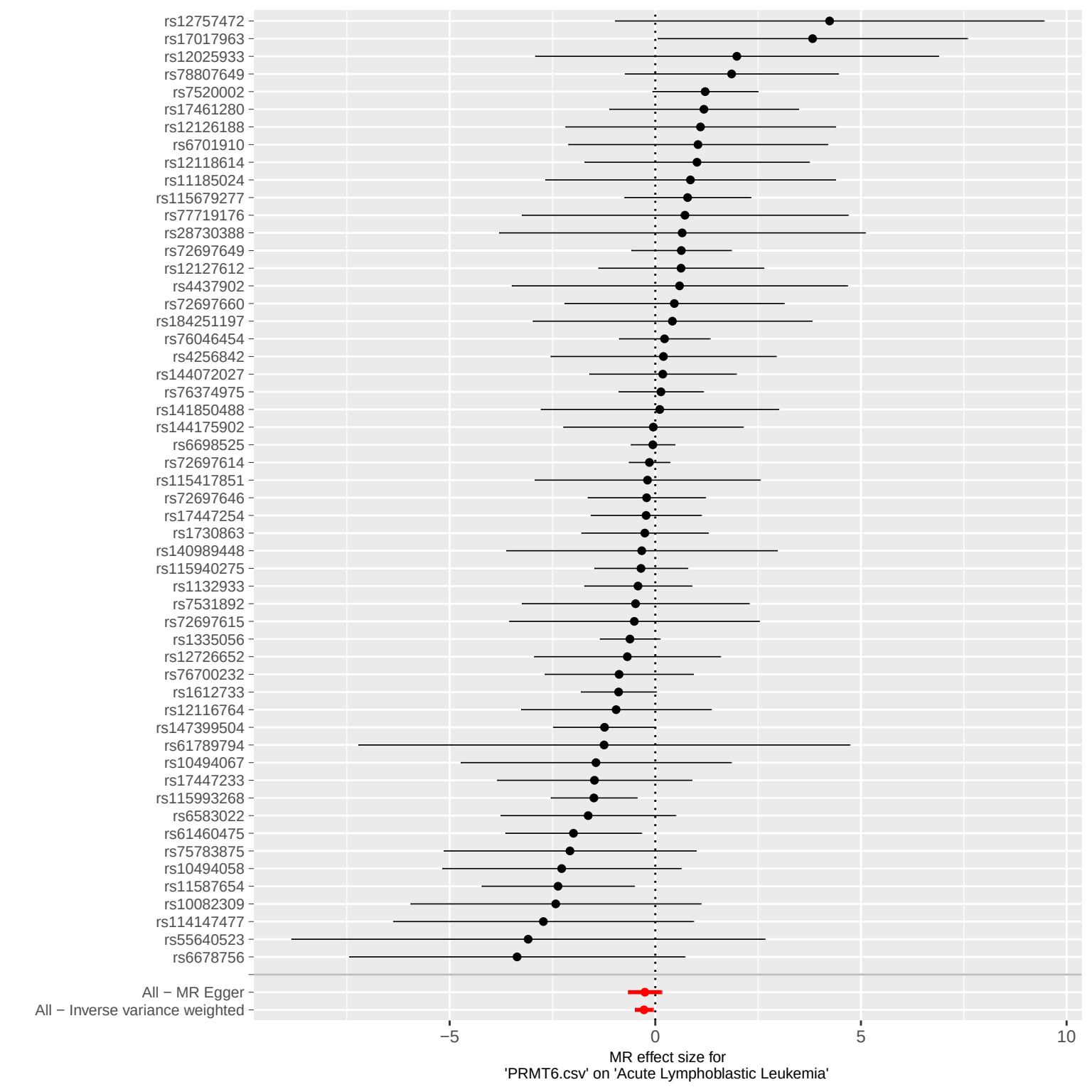
MR effect size for
'PRLR.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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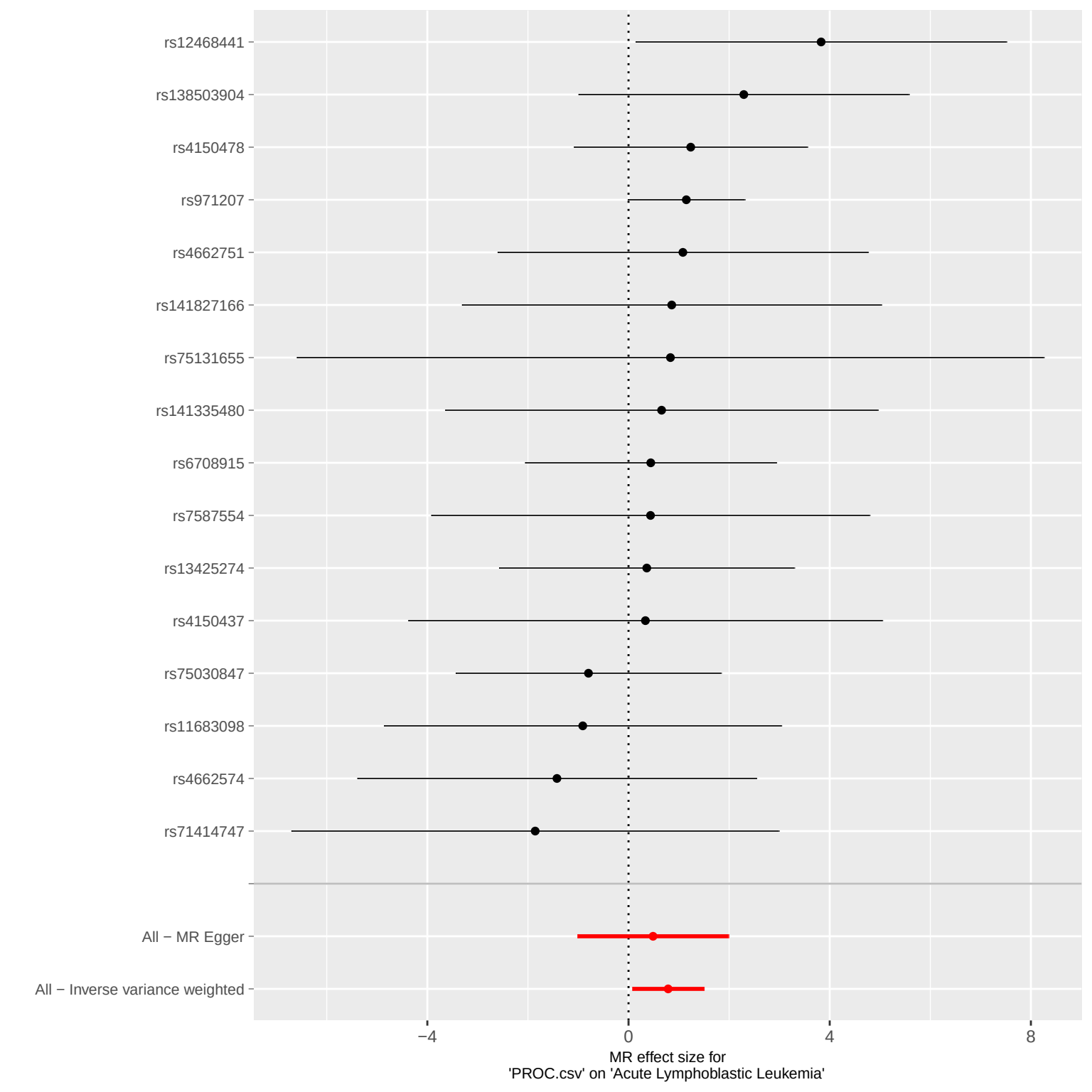
5
10
MR effect size for
'PRMT6.csv' on 'Acute Lymphoblastic Leukemia'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rs13425274
rs4150437
rs75030847
rs11683098
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All − MR Egger
All − Inverse variance weighted
−4
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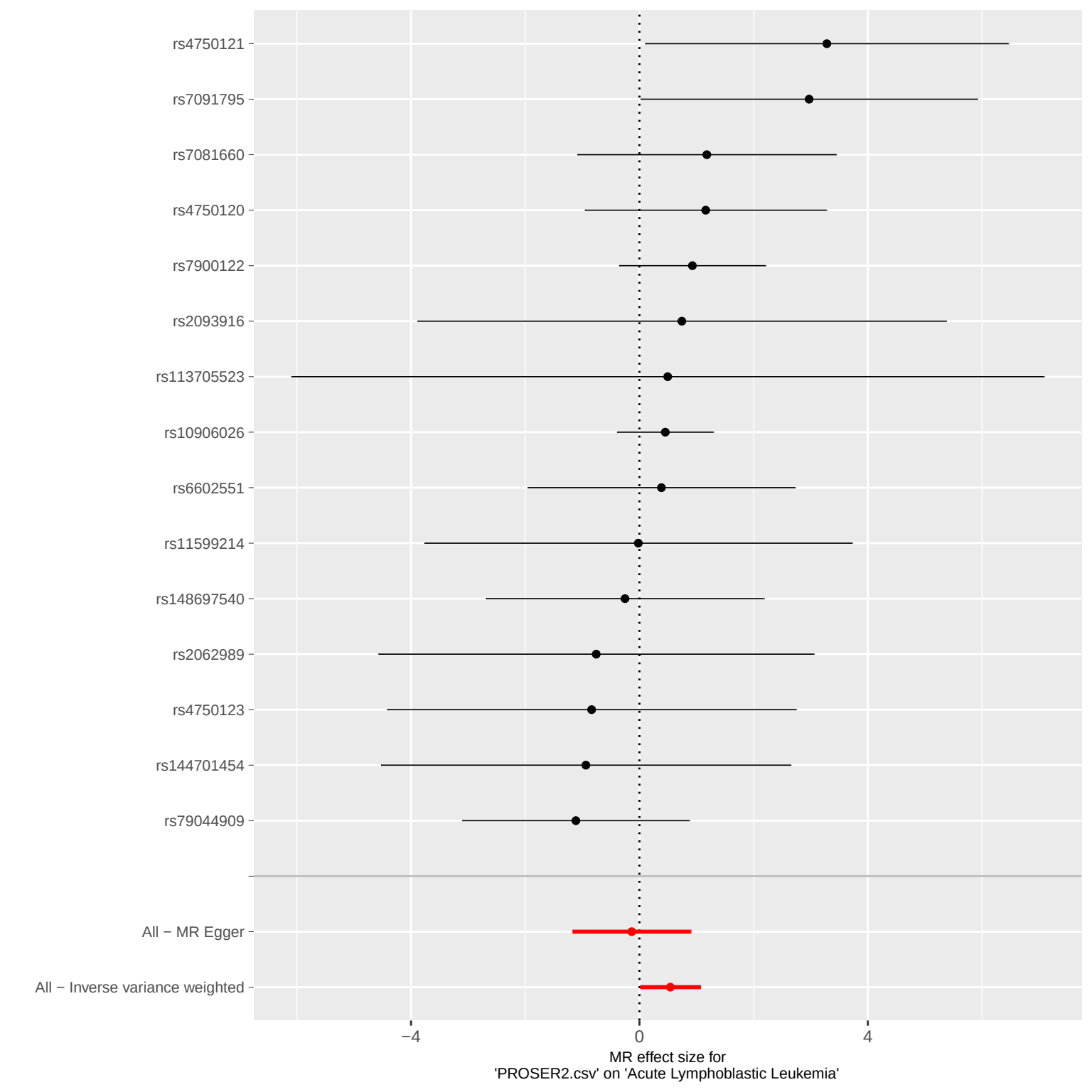
4
8
MR effect size for
'PROC.csv' on 'Acute Lymphoblastic Leukemia'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rs148697540
rs2062989
rs4750123
rs144701454
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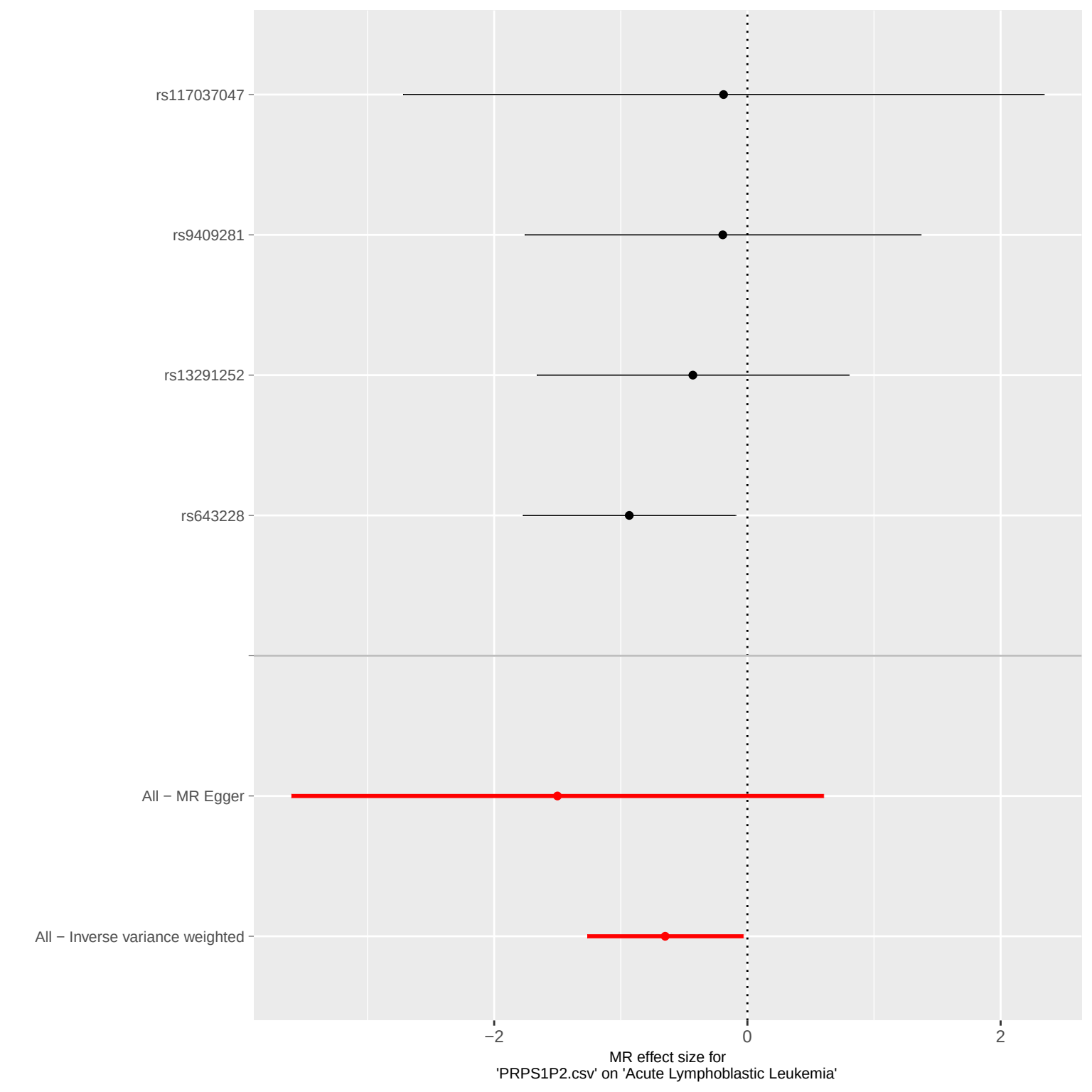
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PROSER2.csv' on 'Acute Lymphoblastic Leukemia'


rs117037047
rs9409281
rs13291252
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All − MR Egger
All − Inverse variance weighted
−2
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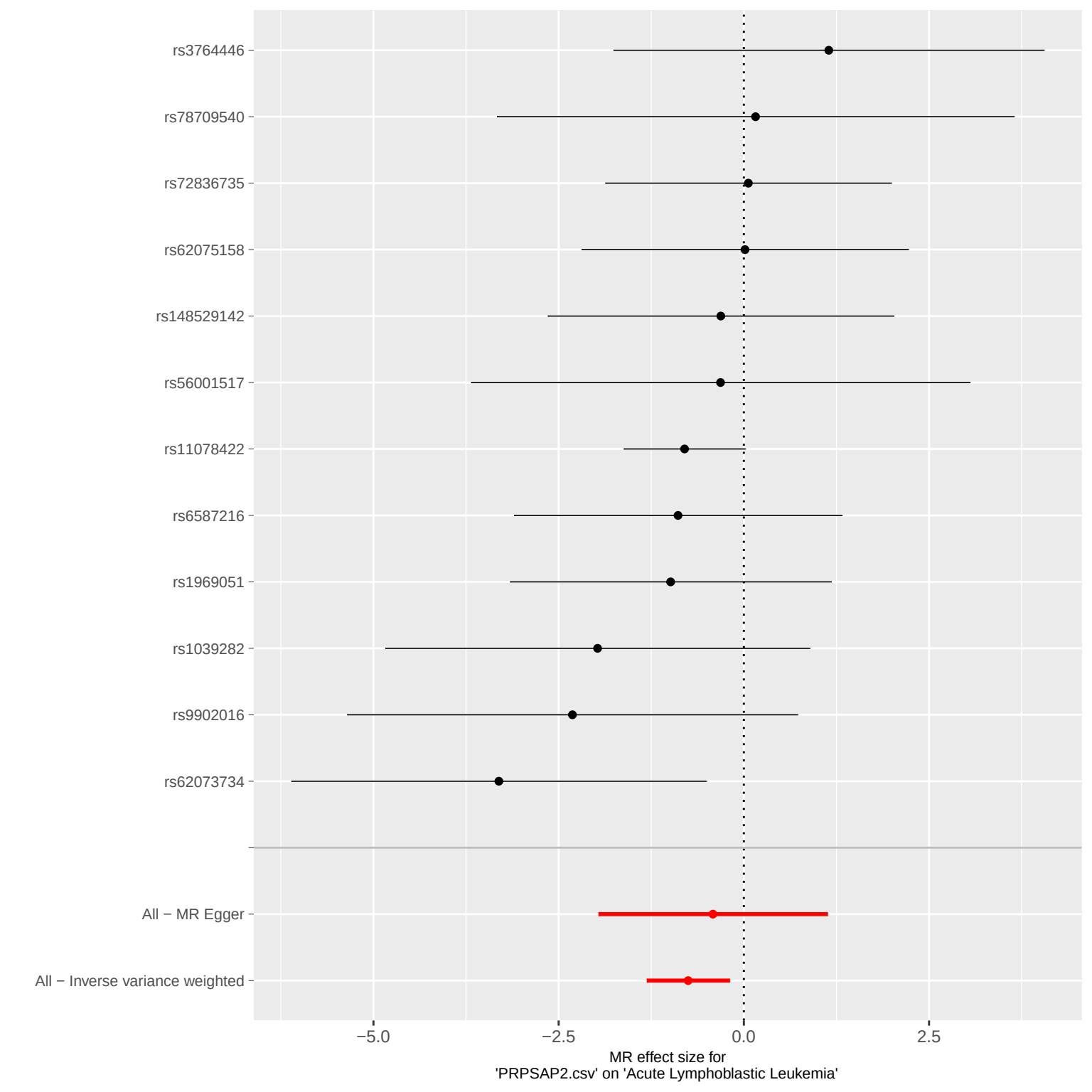
2
MR effect size for
'PRPS1P2.csv' on 'Acute Lymphoblastic Leukemia'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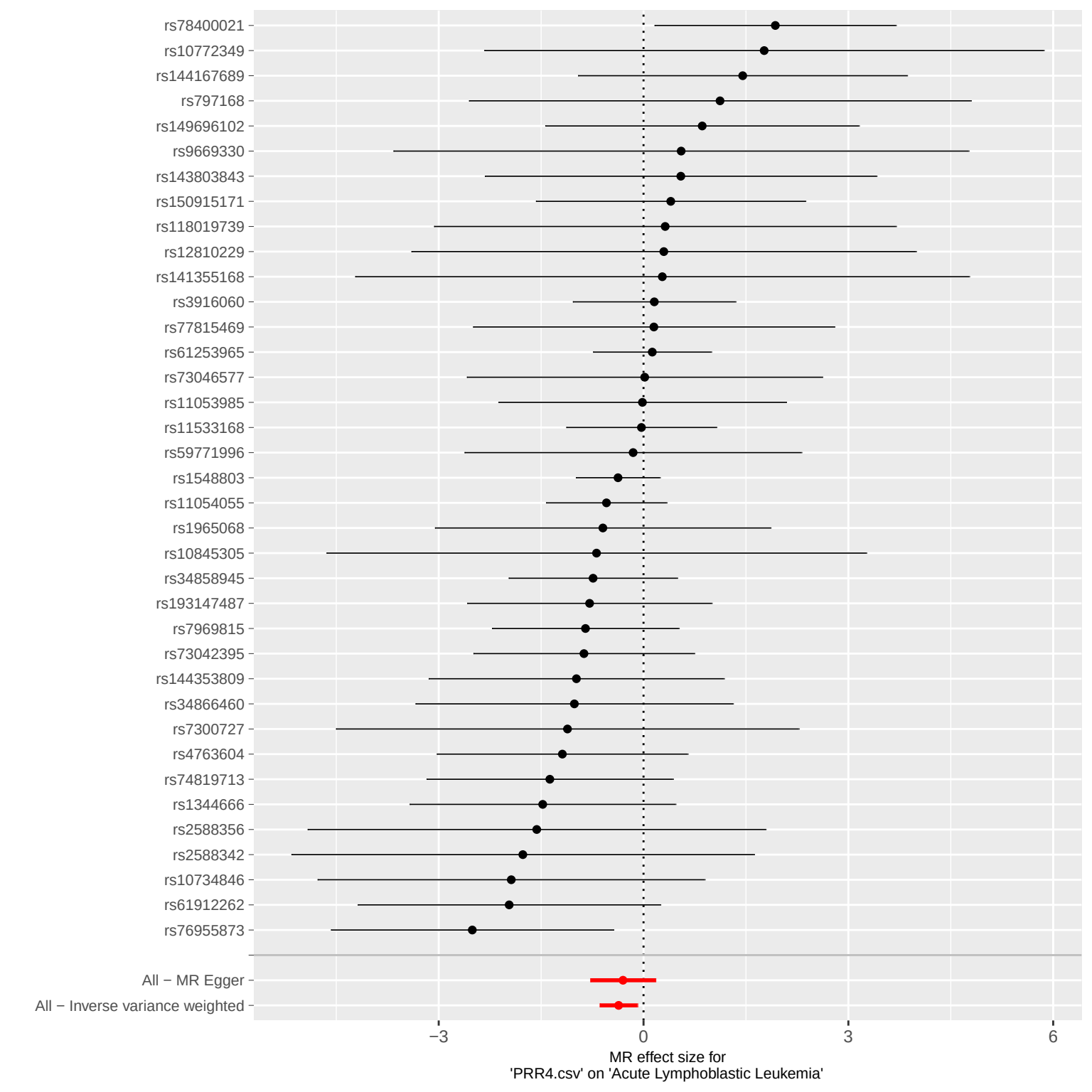
rs6587216
rs1969051
rs1039282
rs9902016
rs62073734
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PRPSAP2.csv' on 'Acute Lymphoblastic Leukemia'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rs144353809
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rs4763604
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rs1344666
rs2588356
rs2588342
rs10734846
rs61912262
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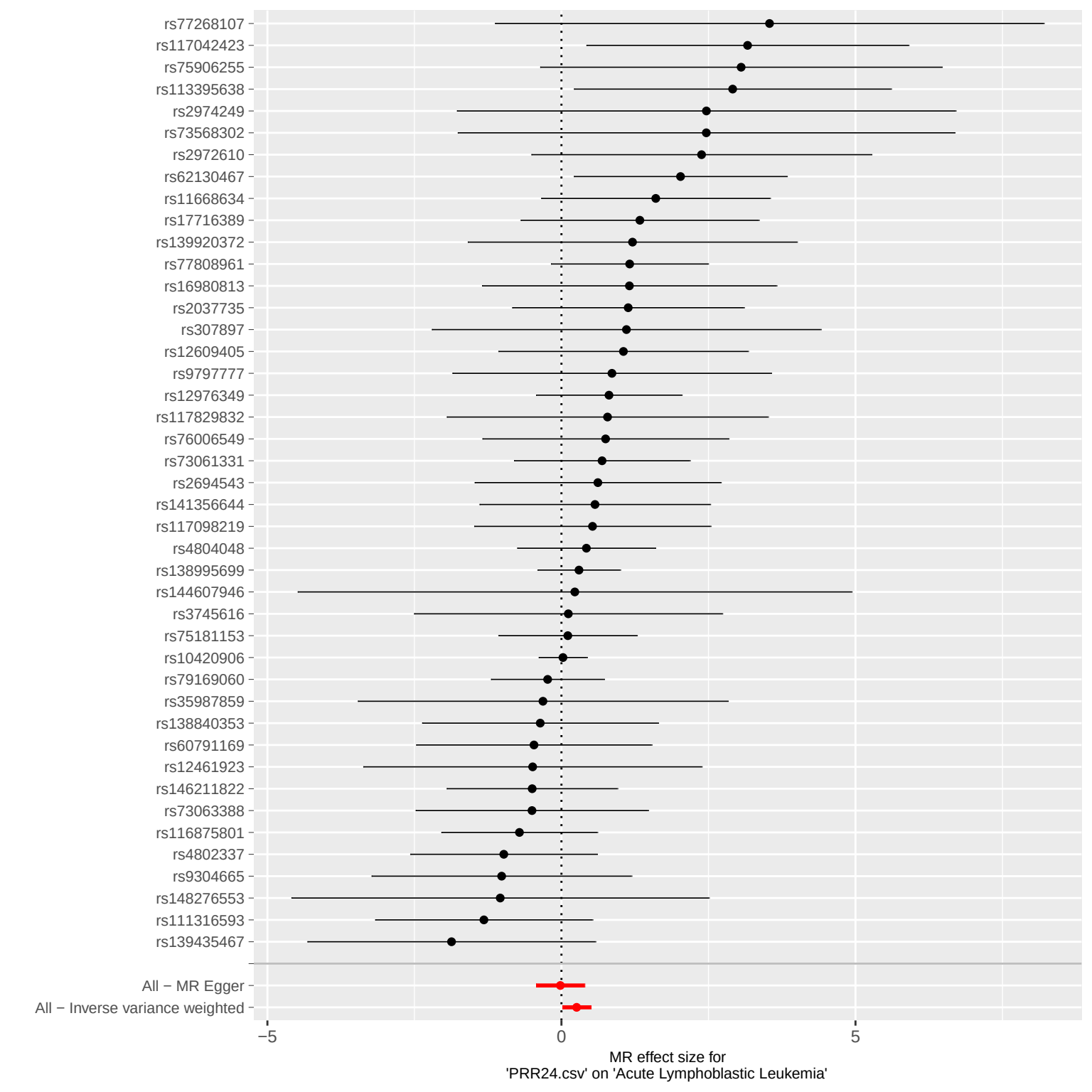
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'PRR4.csv' on 'Acute Lymphoblastic Leukemia'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rs77808961
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rs2694543
rs141356644
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rs116875801
rs4802337
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rs148276553
rs111316593
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All − MR Egger
All − Inverse variance weighted
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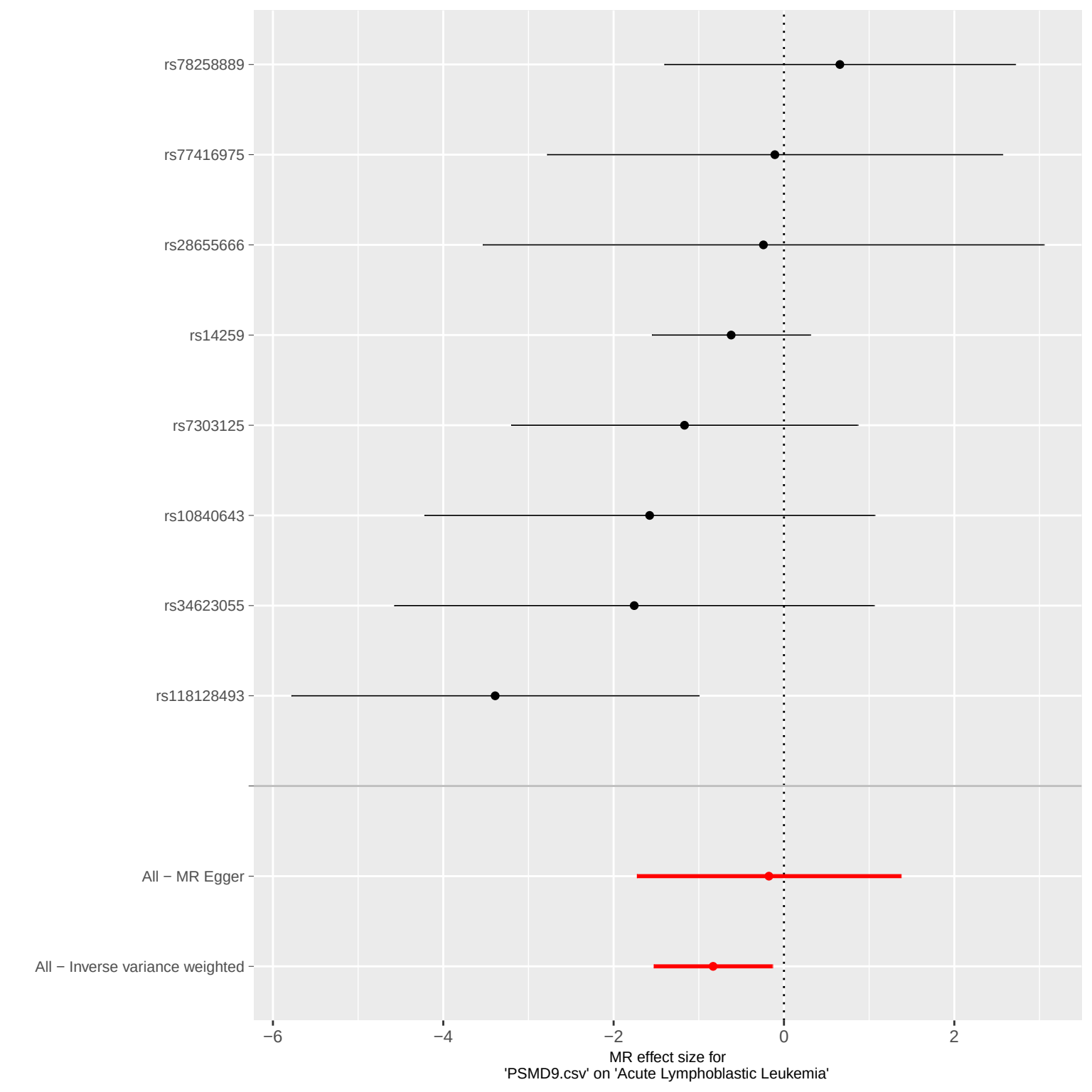
MR effect size for
'PRR24.csv' on 'Acute Lymphoblastic Leukemia'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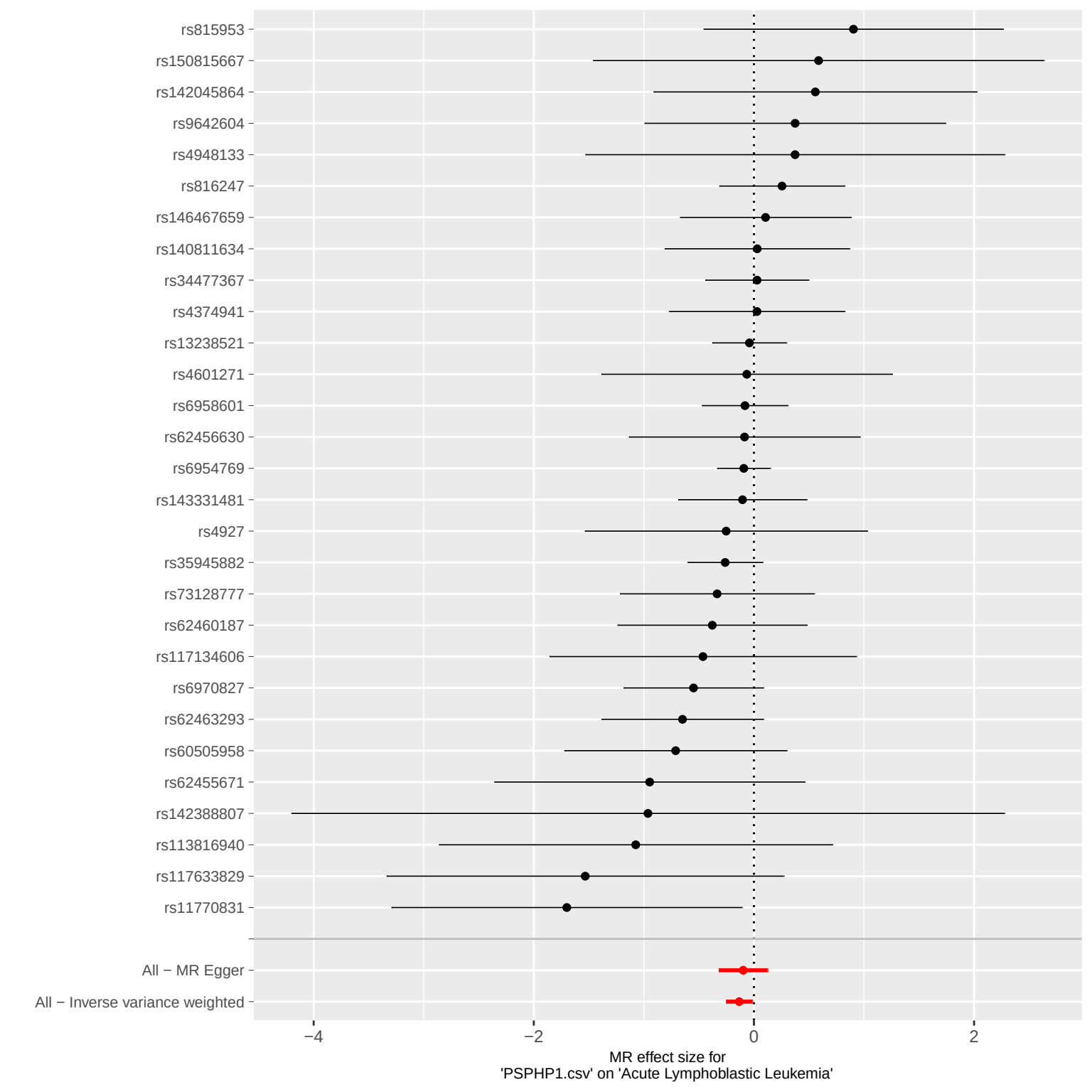
rs7303125
rs10840643
rs34623055
rs118128493
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'PSMD9.csv' on 'Acute Lymphoblastic Leukemia'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rs143331481
rs4927
rs35945882
rs73128777
rs62460187
rs117134606
rs6970827
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rs60505958
rs62455671
rs142388807
rs113816940
rs117633829
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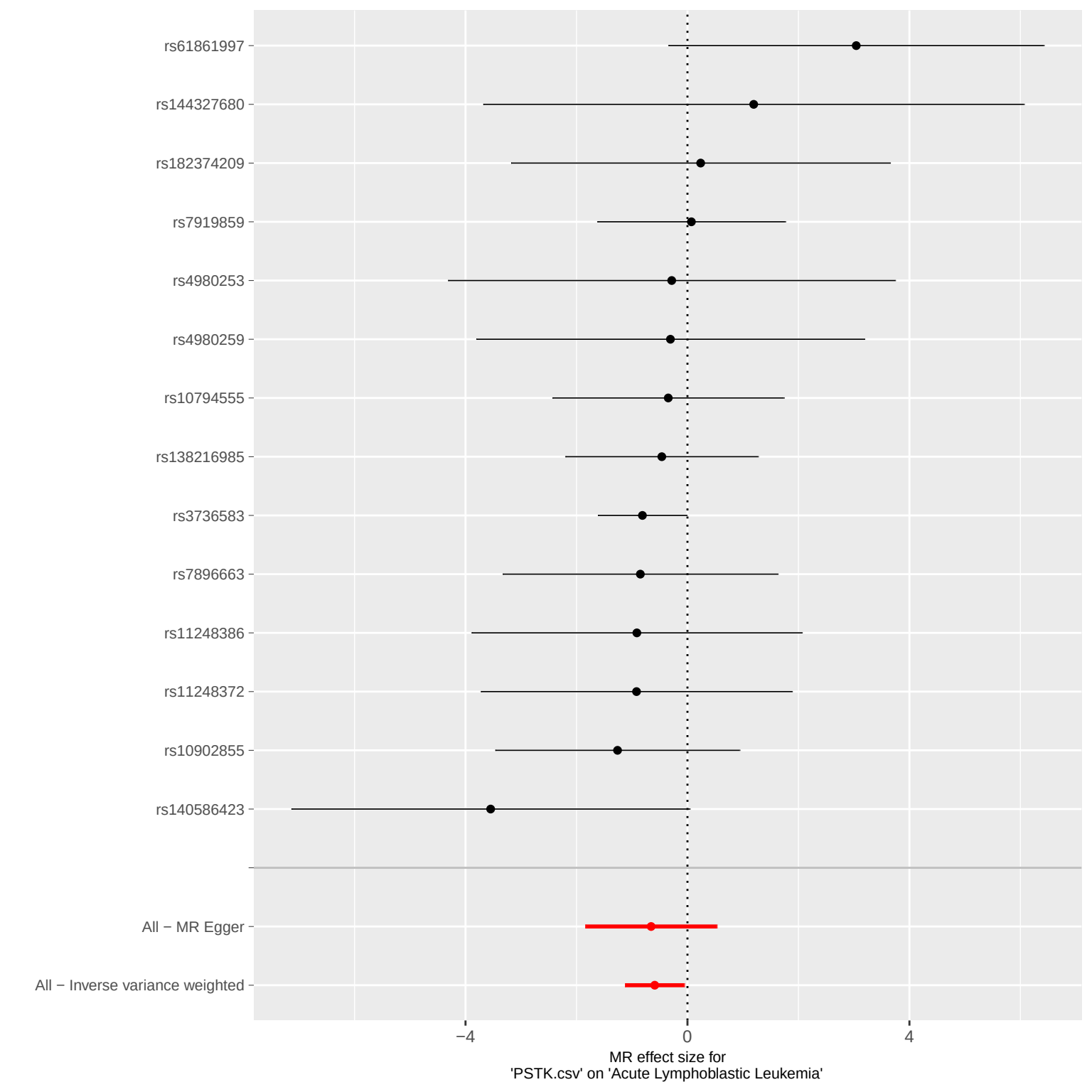
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PSPHP1.csv' on 'Acute Lymphoblastic Leukemia'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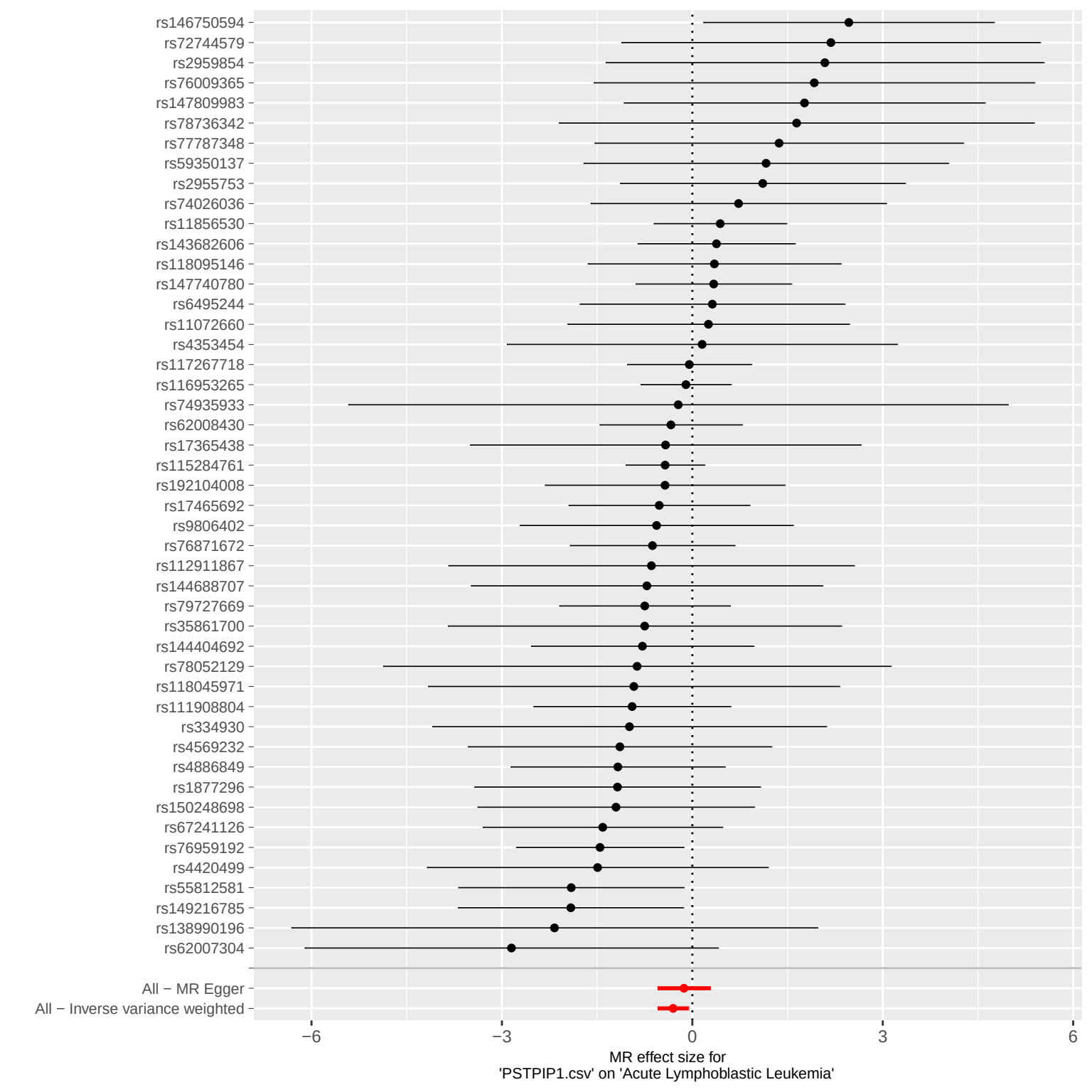
rs11248386
rs11248372
rs10902855
rs140586423
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PSTK.csv' on 'Acute Lymphoblastic Leukemia'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rs9806402
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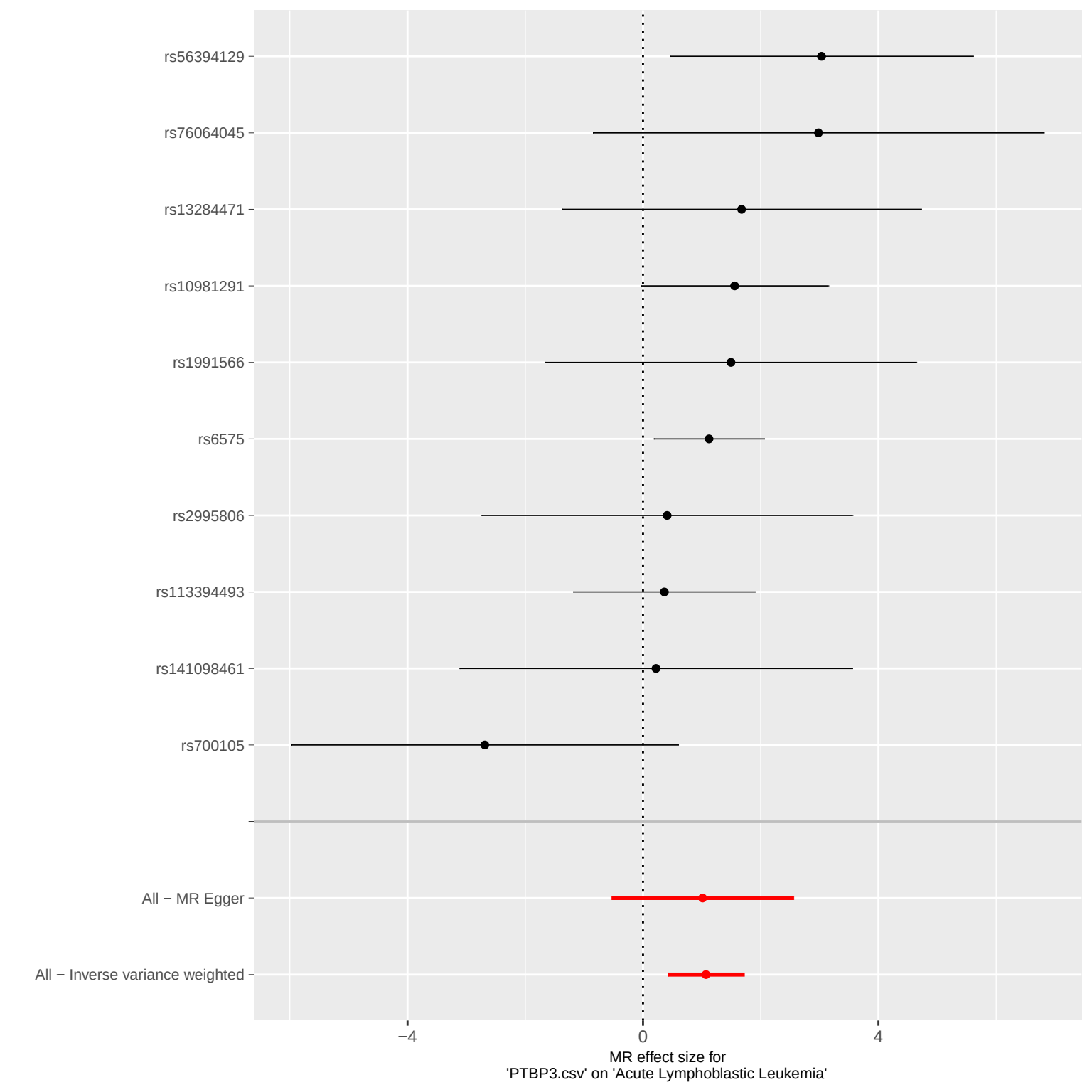
rs4886849
rs1877296
rs150248698
rs67241126
rs76959192
rs4420499
rs55812581
rs149216785
rs138990196
rs62007304
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'PSTPIP1.csv' on 'Acute Lymphoblastic Leukemia'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rs113394493
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All − MR Egger
All − Inverse variance weighted
−4
0
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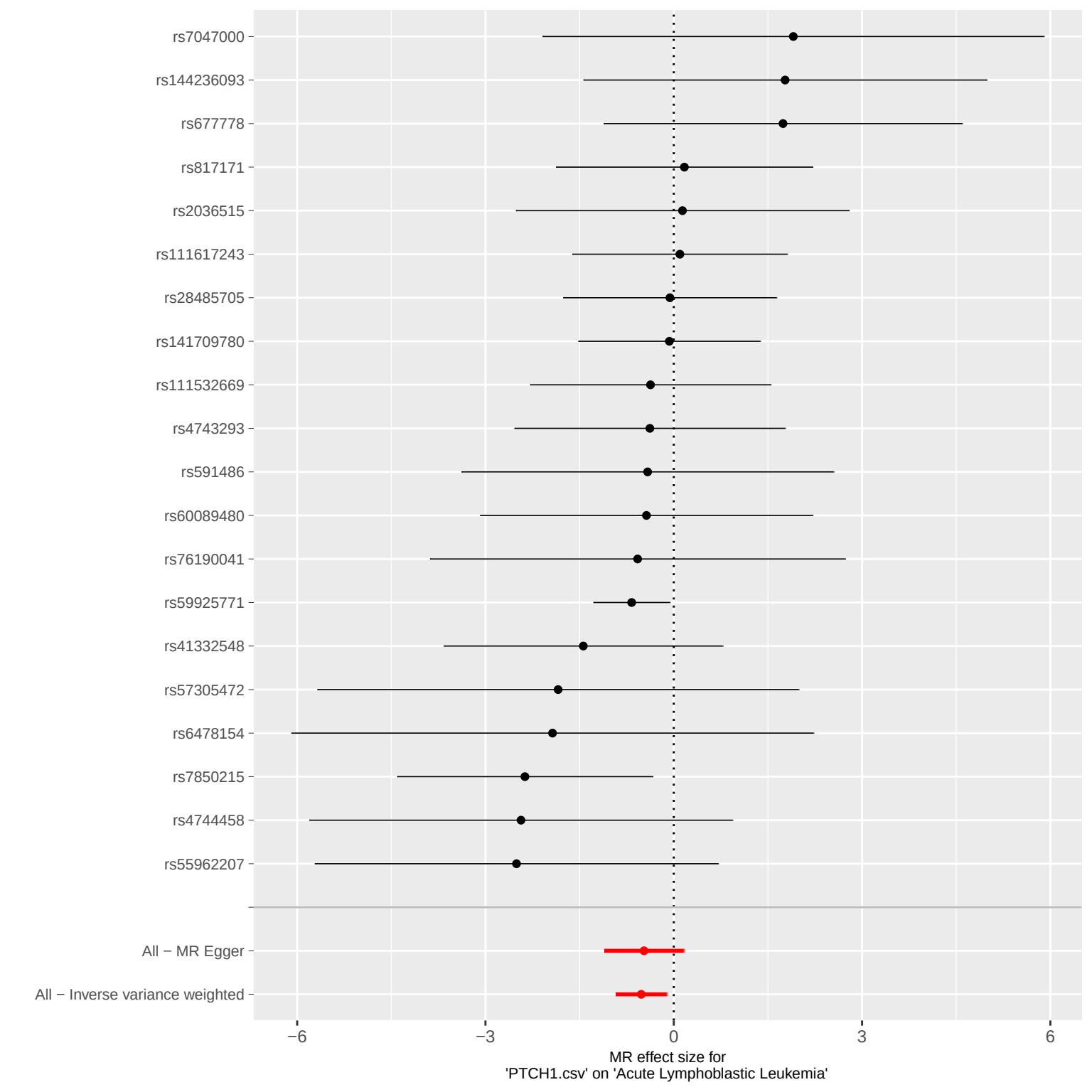
MR effect size for
'PTBP3.csv' on 'Acute Lymphoblastic Leukemia'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rs6478154
rs7850215
rs4744458
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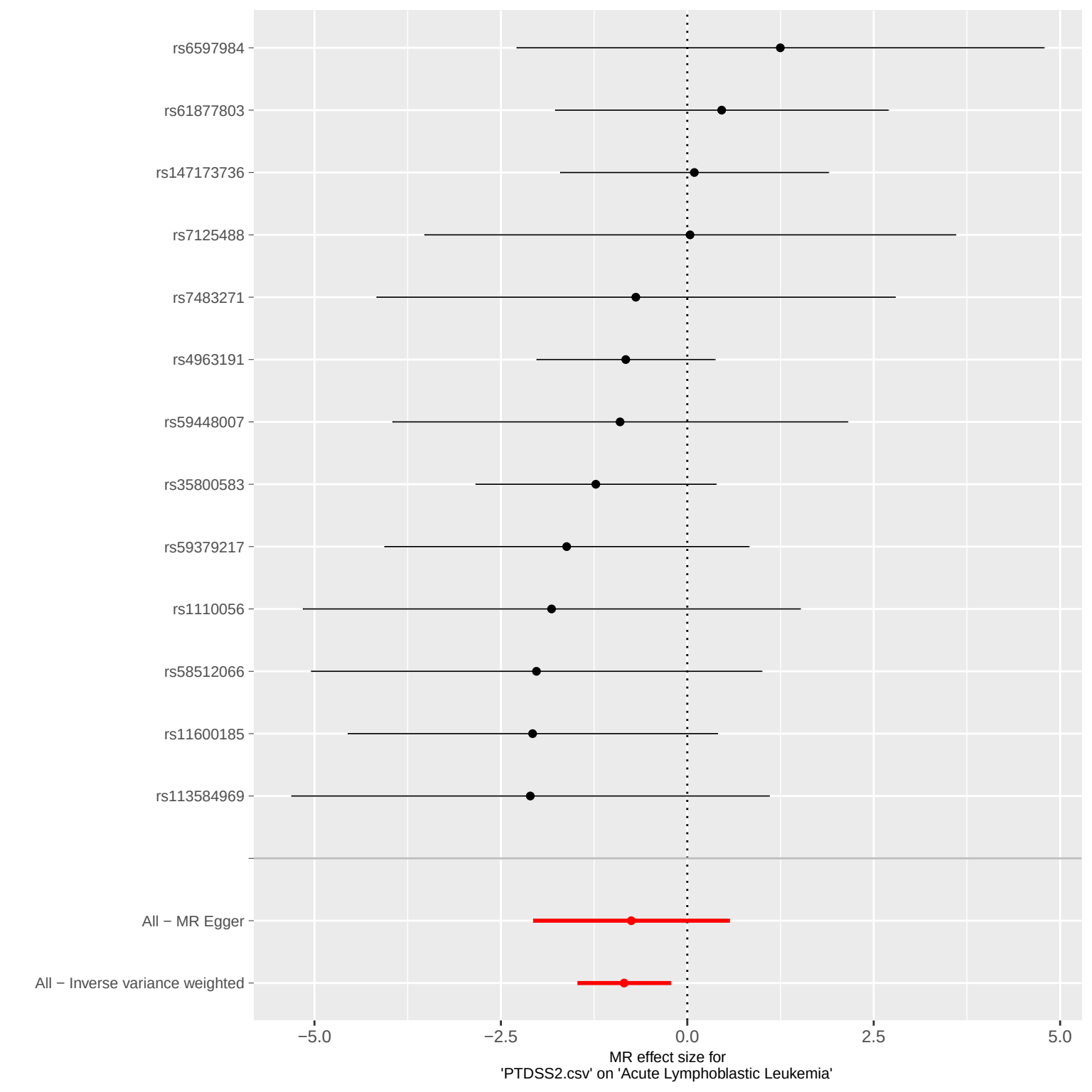
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'PTCH1.csv' on 'Acute Lymphoblastic Leukemia'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rs11600185
rs113584969
All − MR Egger
All − Inverse variance weighted
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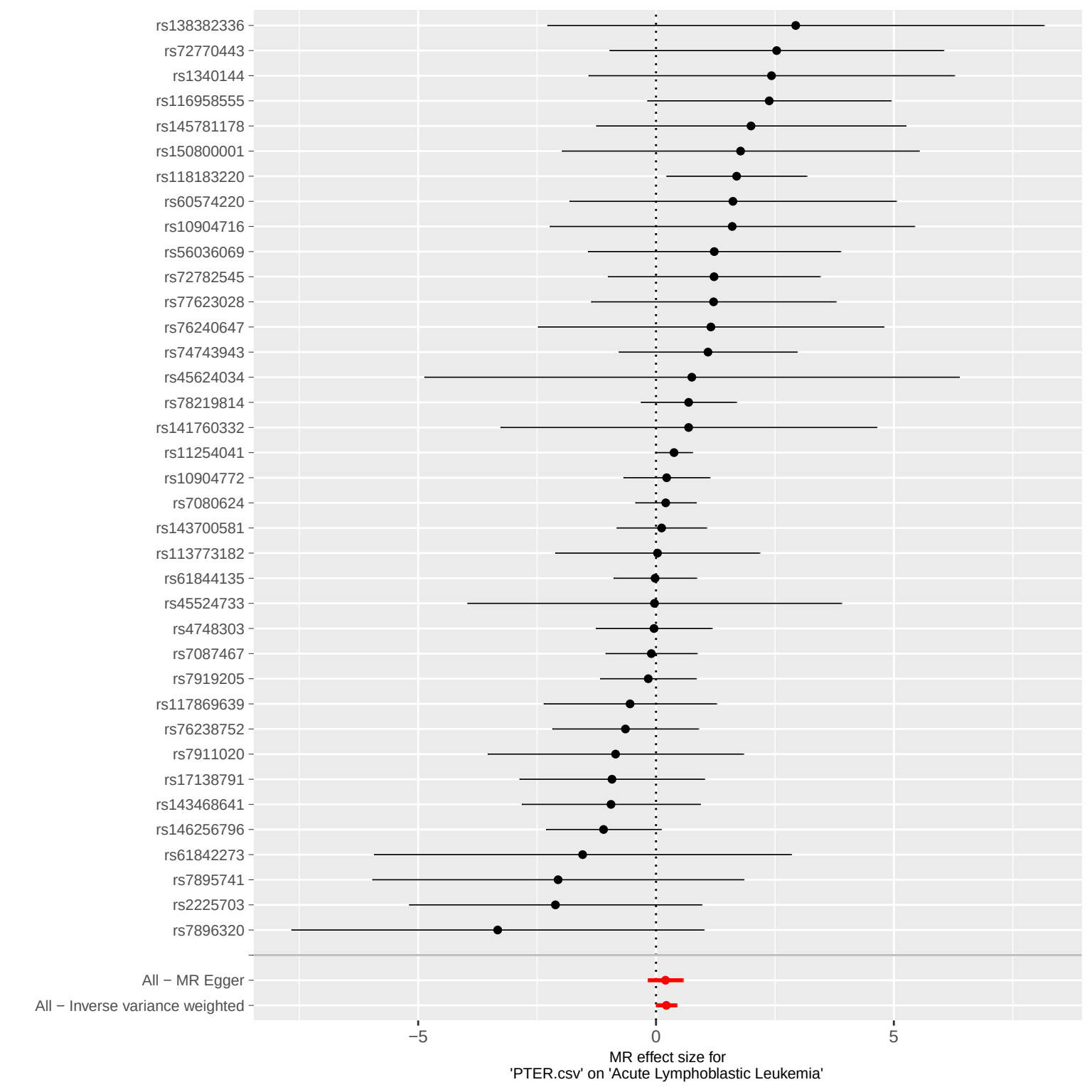
−2.5
0.0
2.5
5.0
MR effect size for
'PTDSS2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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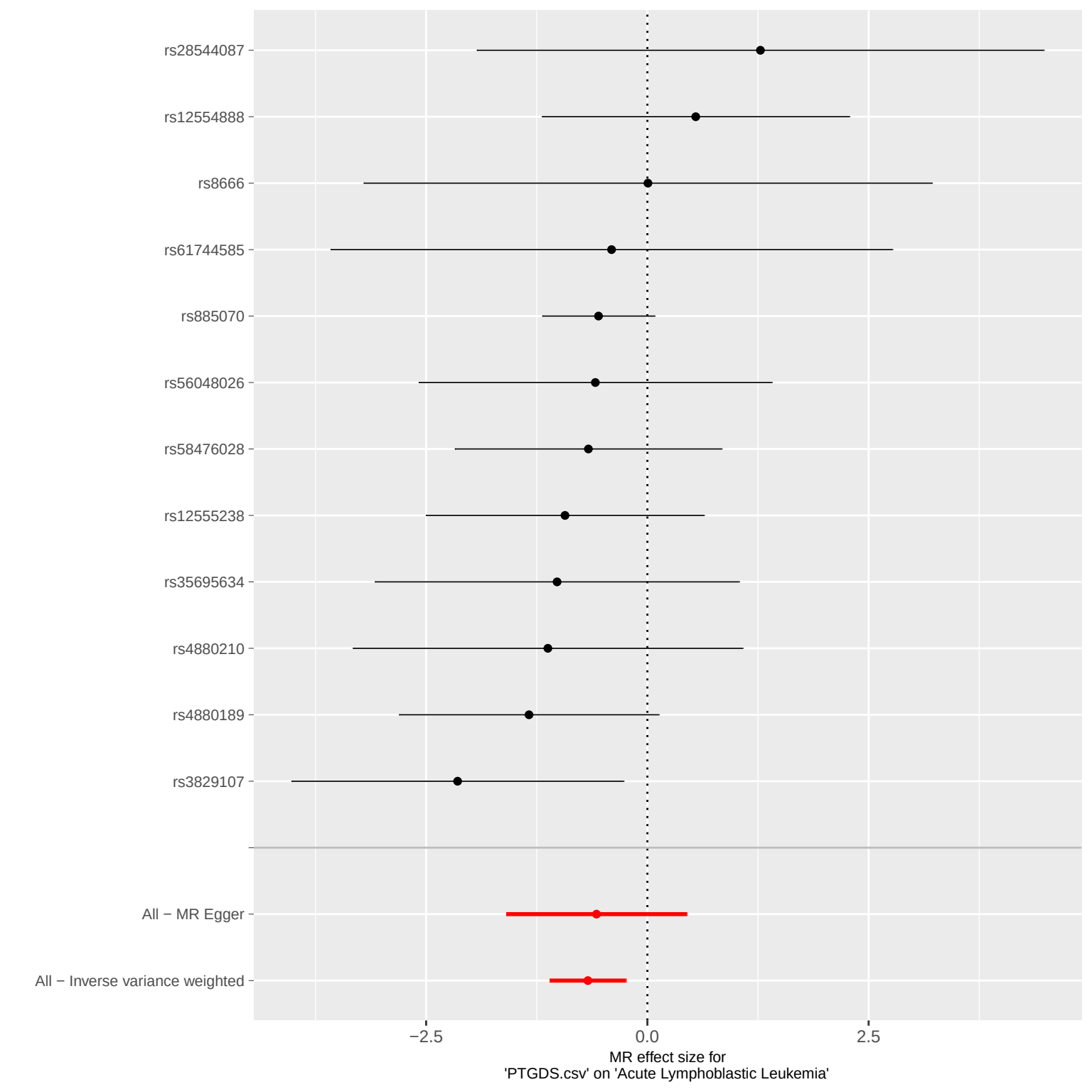
MR effect size for
'PTER.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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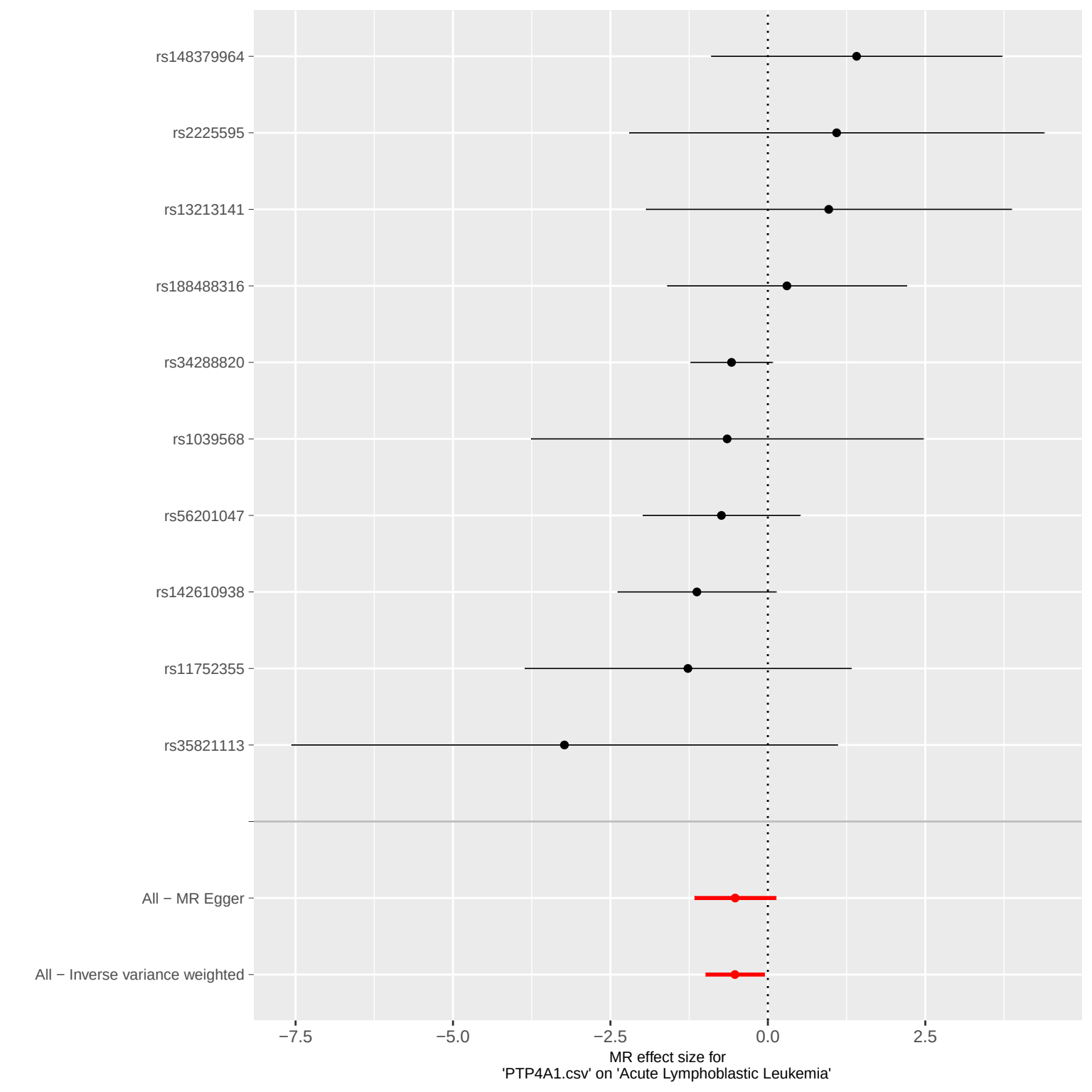
MR effect size for
'PTGDS.csv' on 'Acute Lymphoblastic Leukemia'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rs11752355
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All − MR Egger
All − Inverse variance weighted
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−2.5
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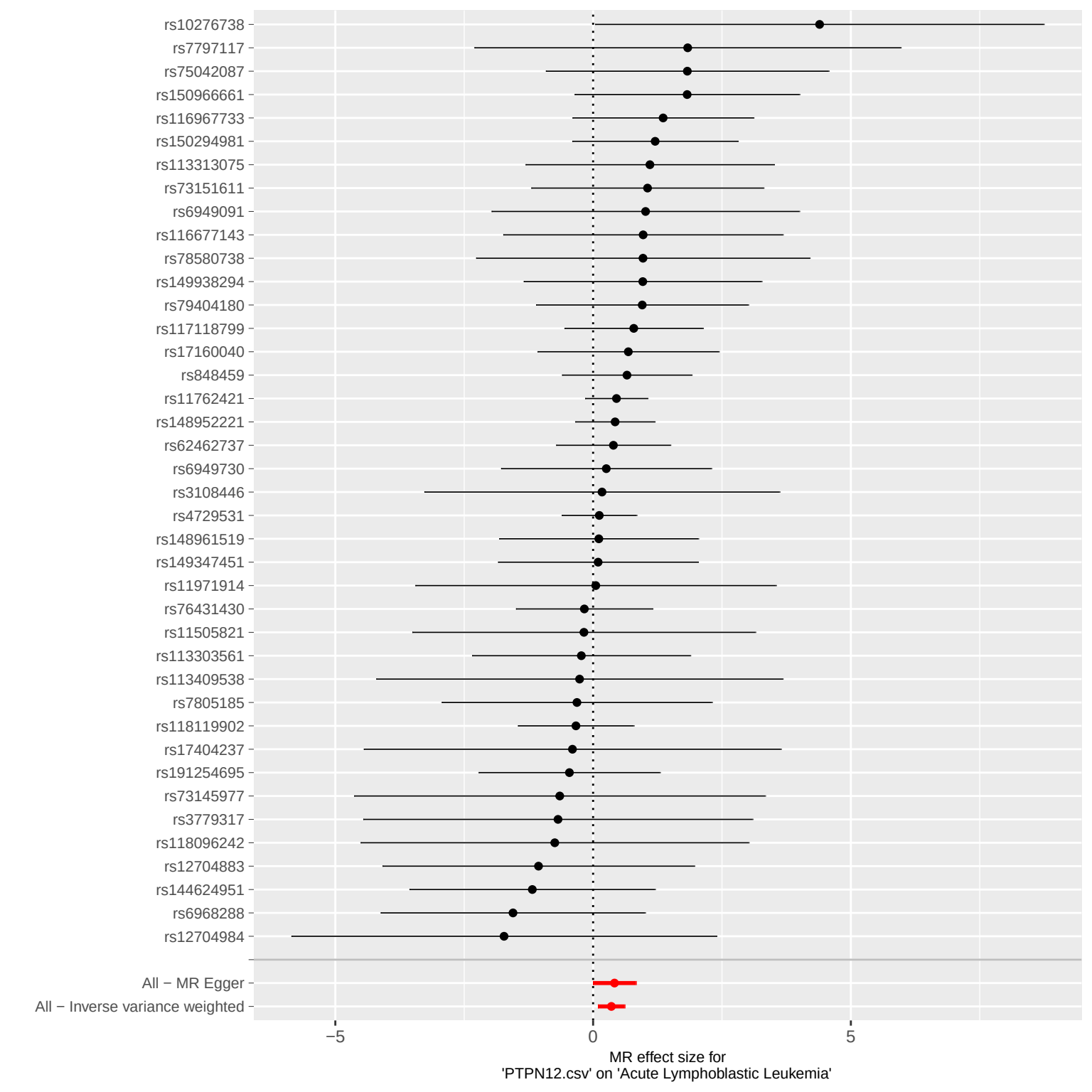
2.5
MR effect size for
'PTP4A1.csv' on 'Acute Lymphoblastic Leukemia'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rs191254695
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rs144624951
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All − MR Egger
All − Inverse variance weighted
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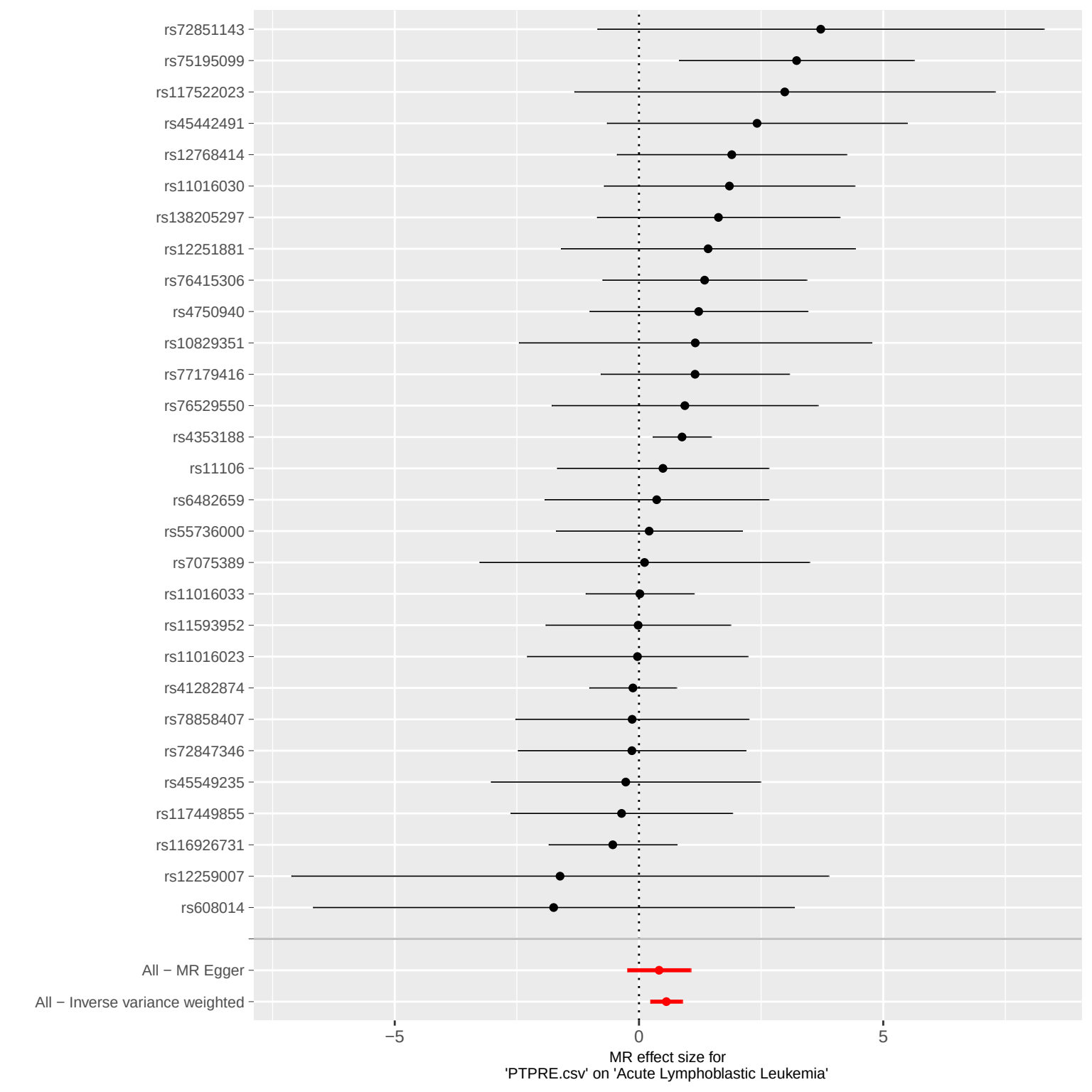
MR effect size for
'PTPN12.csv' on 'Acute Lymphoblastic Leukemia'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rs11593952
rs11016023
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rs78858407
rs72847346
rs45549235
rs117449855
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All − MR Egger
All − Inverse variance weighted
−5
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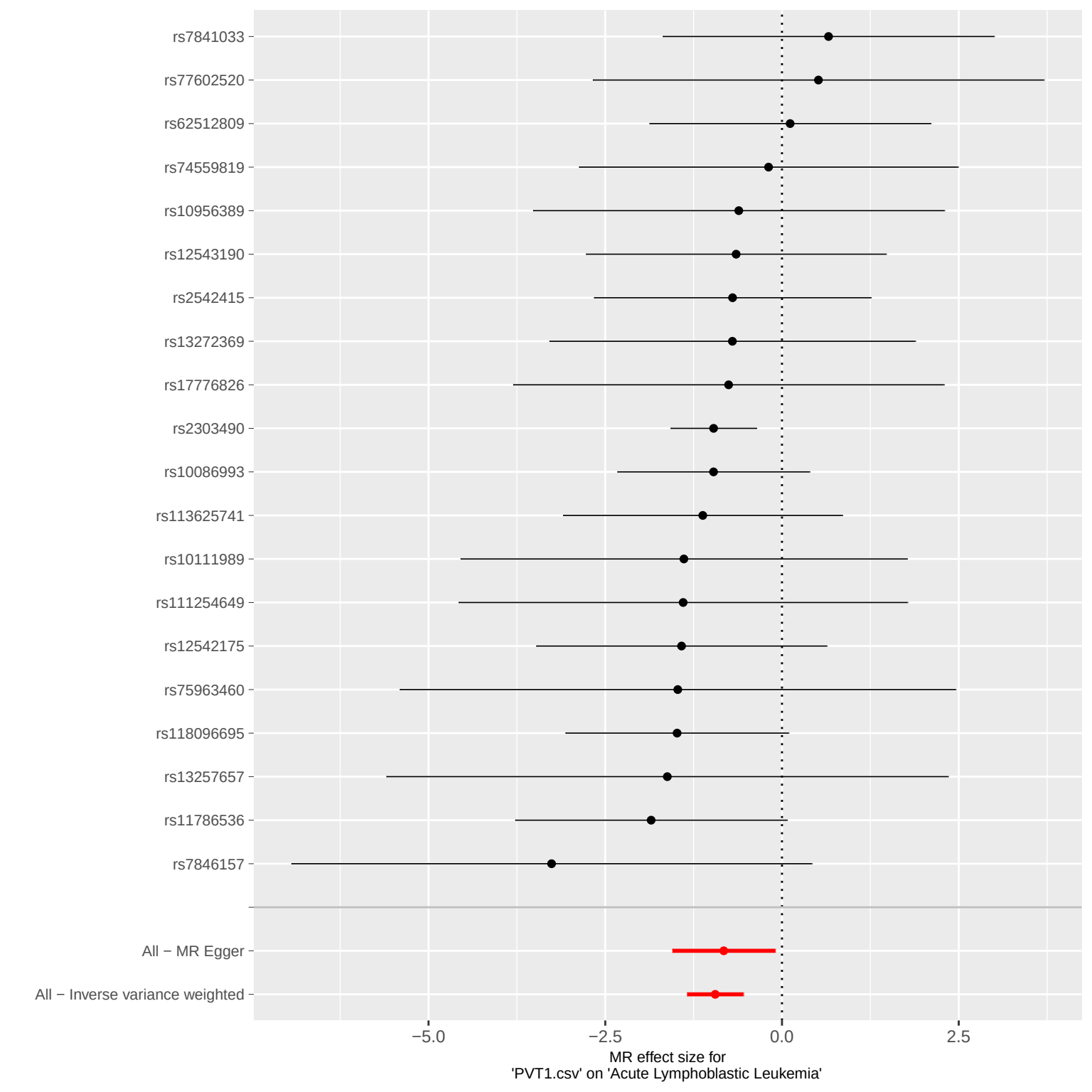
MR effect size for
'PTPRE.csv' on 'Acute Lymphoblastic Leukemia'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rs75963460
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rs13257657
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rs7846157
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All − Inverse variance weighted
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−2.5
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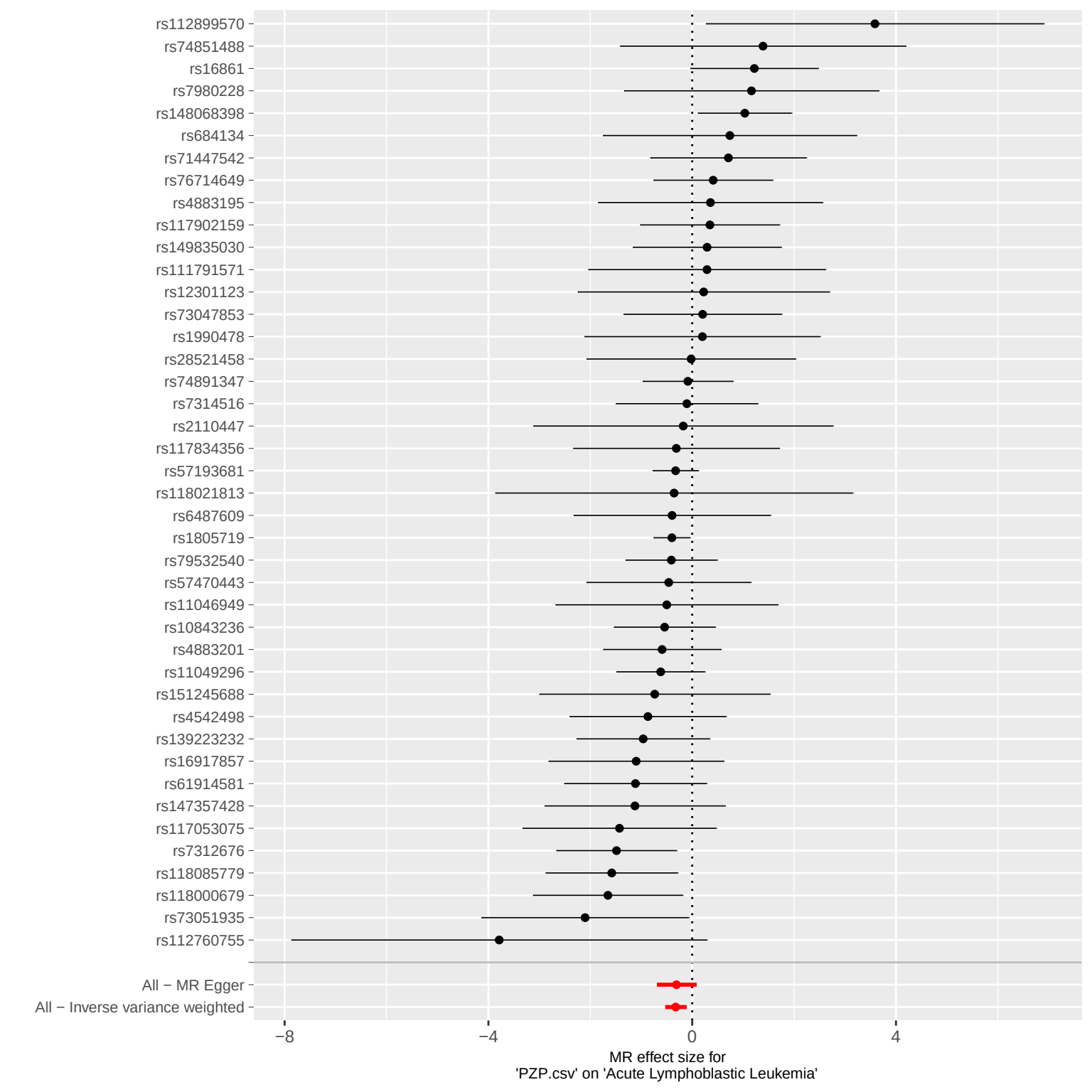
2.5
MR effect size for
'PVT1.csv' on 'Acute Lymphoblastic Leukemia'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rs139223232
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rs61914581
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rs7312676
rs118085779
rs118000679
rs73051935
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All − MR Egger
All − Inverse variance weighted
−8
−4
0
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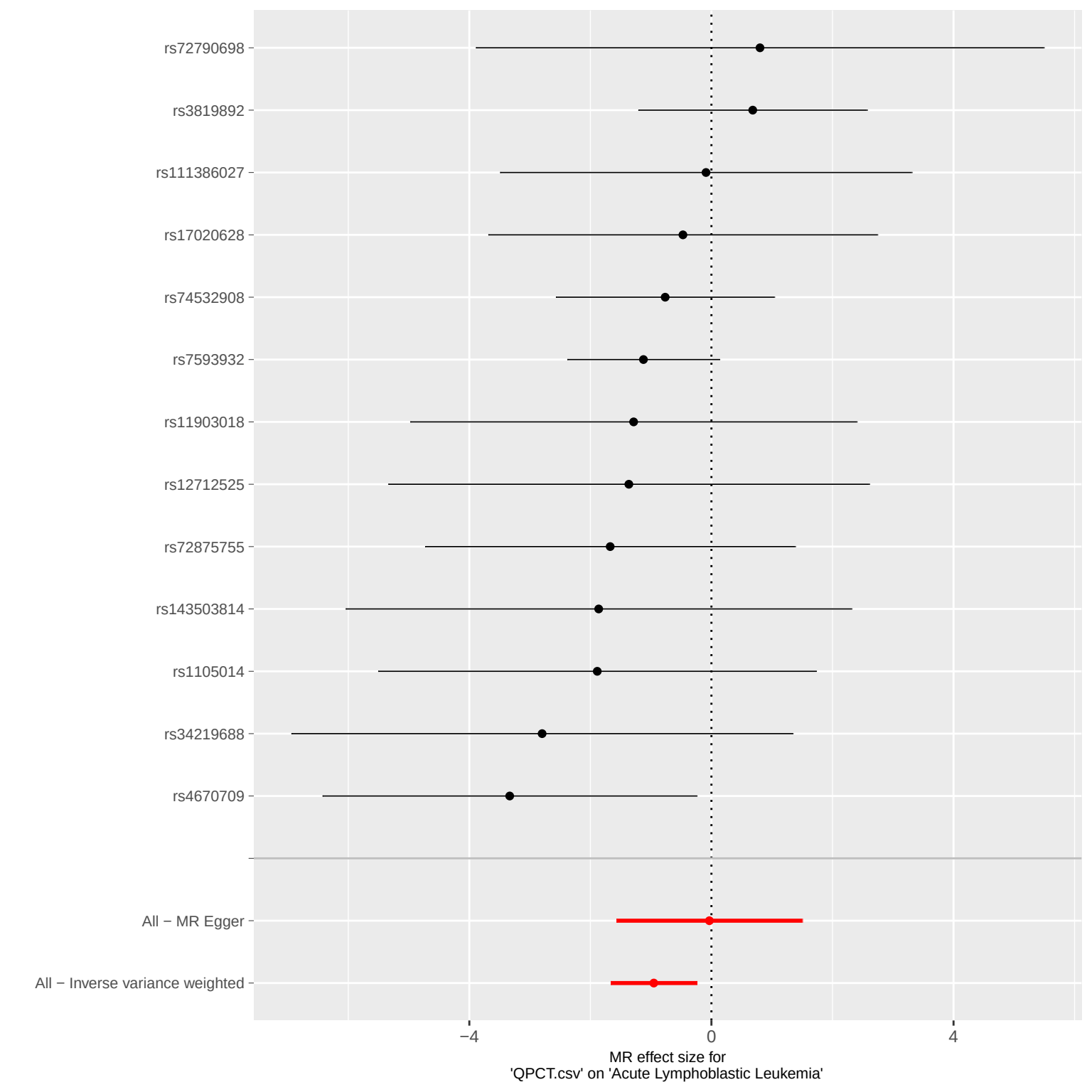
MR effect size for
'PZP.csv' on 'Acute Lymphoblastic Leukemia'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rs1105014
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All − MR Egger
All − Inverse variance weighted
−4
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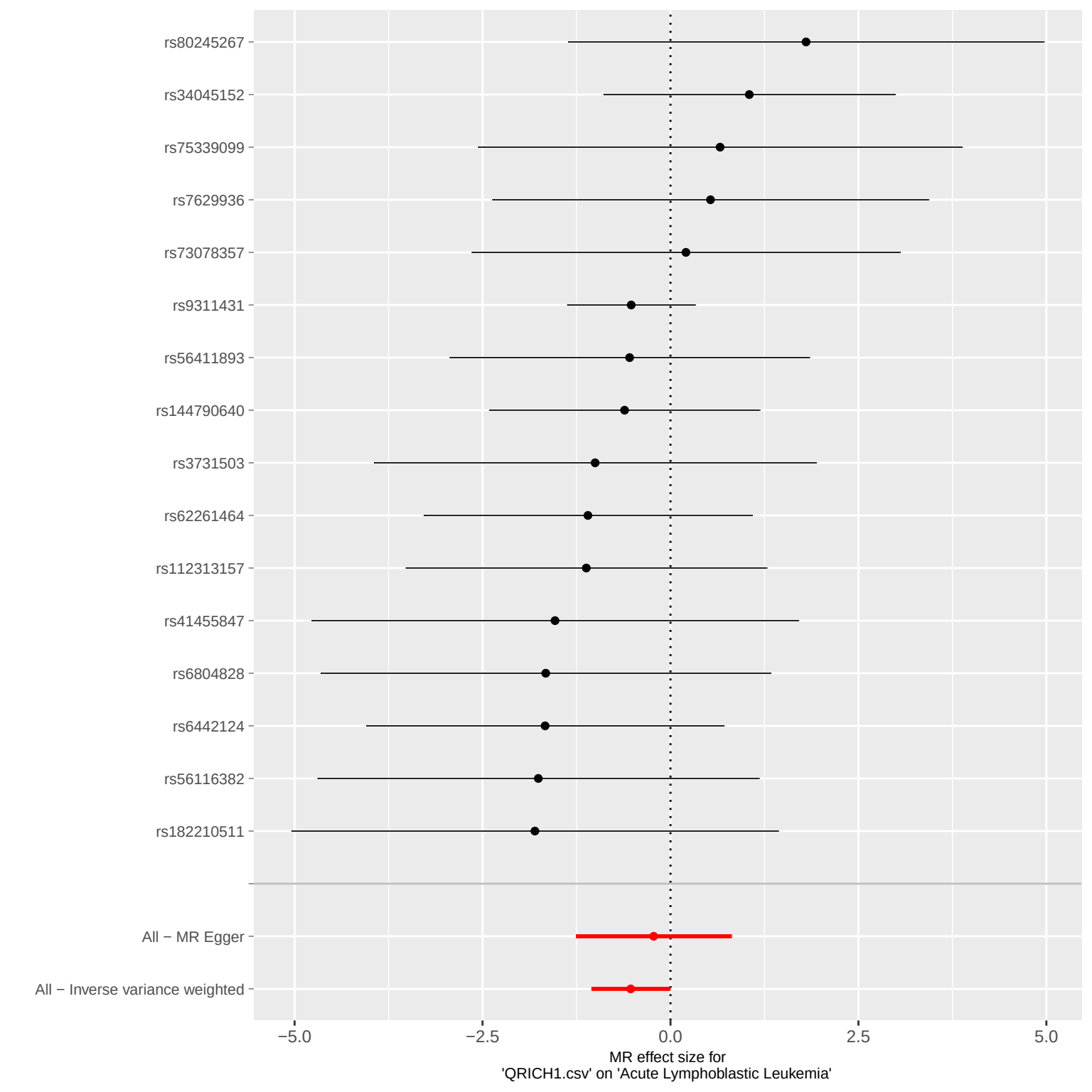
MR effect size for
'QPCT.csv' on 'Acute Lymphoblastic Leukemia'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rs41455847
rs6804828
rs6442124
rs56116382
rs182210511
All − MR Egger
All − Inverse variance weighted
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−2.5
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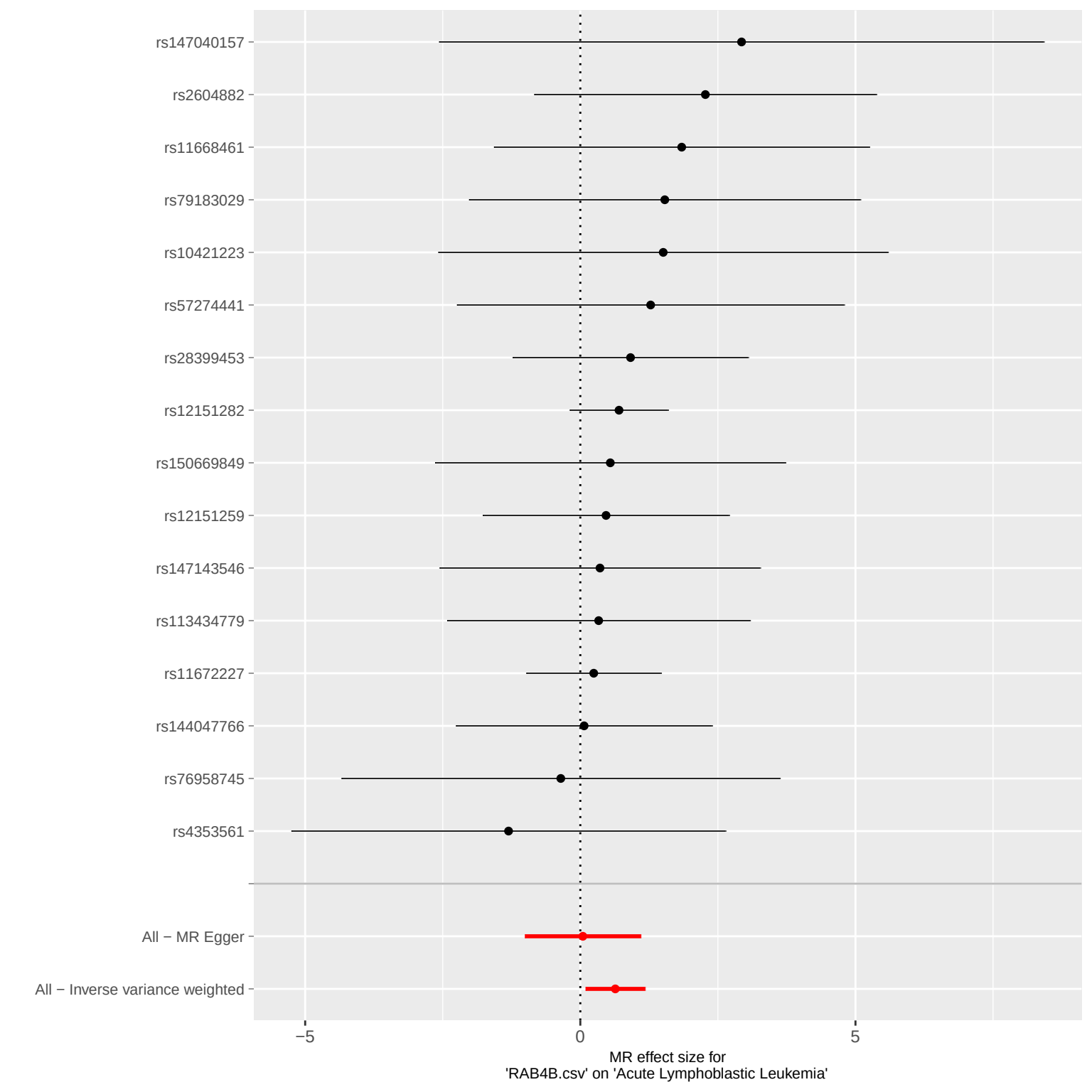
2.5
5.0
MR effect size for
'QRICH1.csv' on 'Acute Lymphoblastic Leukemia'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rs147143546
rs113434779
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All − MR Egger
All − Inverse variance weighted
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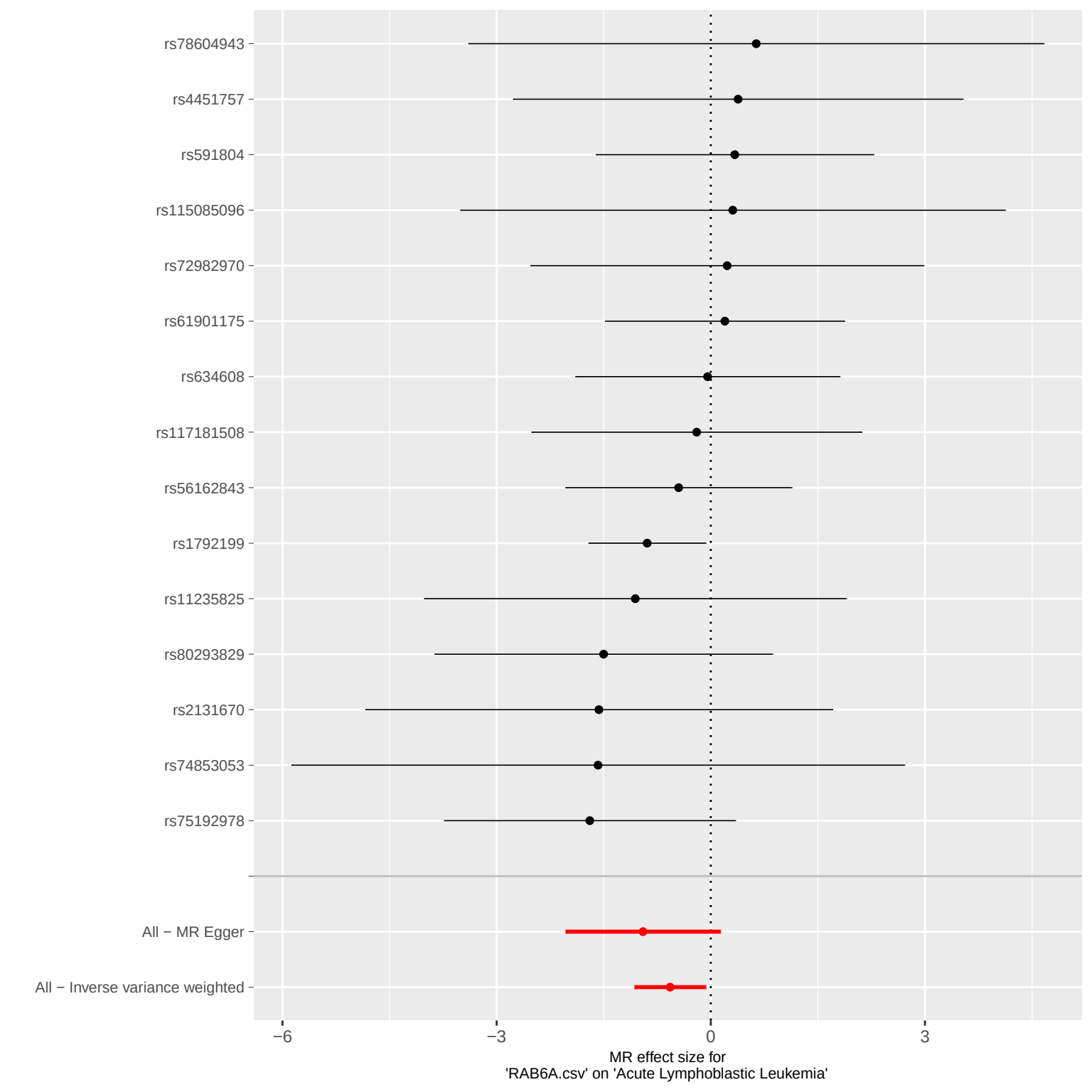
MR effect size for
'RAB4B.csv' on 'Acute Lymphoblastic Leukemia'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rs634608
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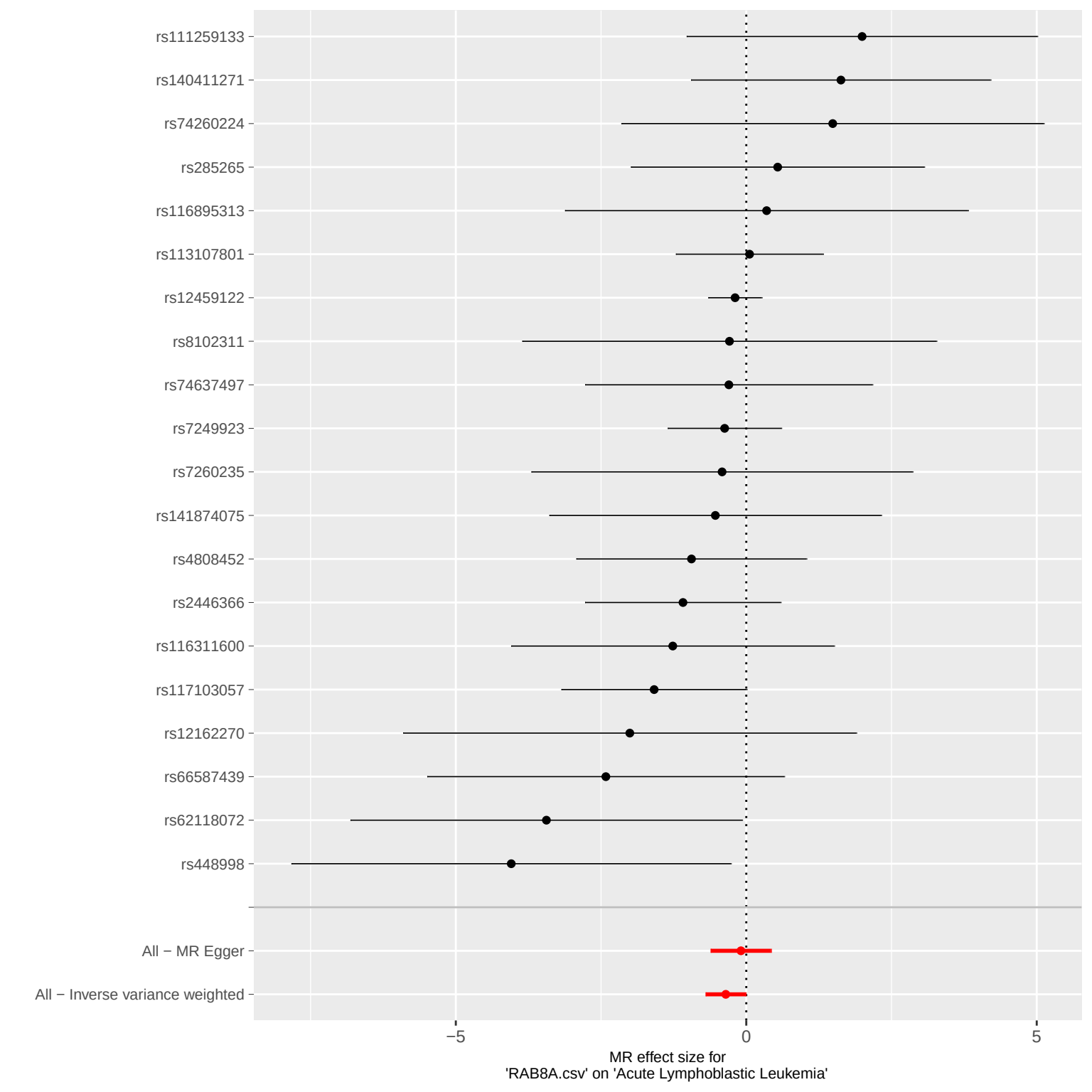
rs56162843
rs1792199
rs11235825
rs80293829
rs2131670
rs74853053
rs75192978
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'RAB6A.csv' on 'Acute Lymphoblastic Leukemia'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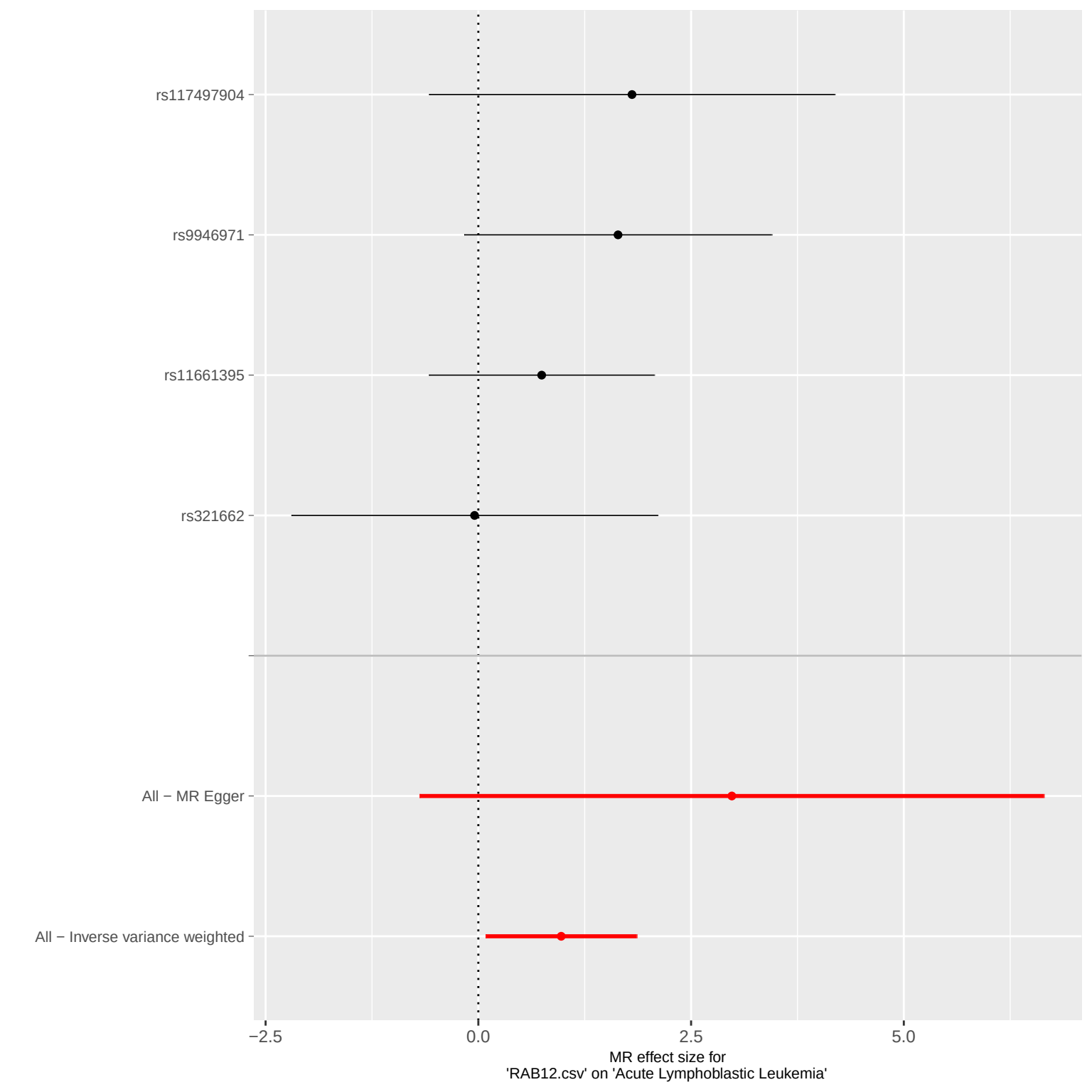
rs7260235
rs141874075
rs4808452
rs2446366
rs116311600
rs117103057
rs12162270
rs66587439
rs62118072
rs448998
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'RAB8A.csv' on 'Acute Lymphoblastic Leukemia'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rs321662
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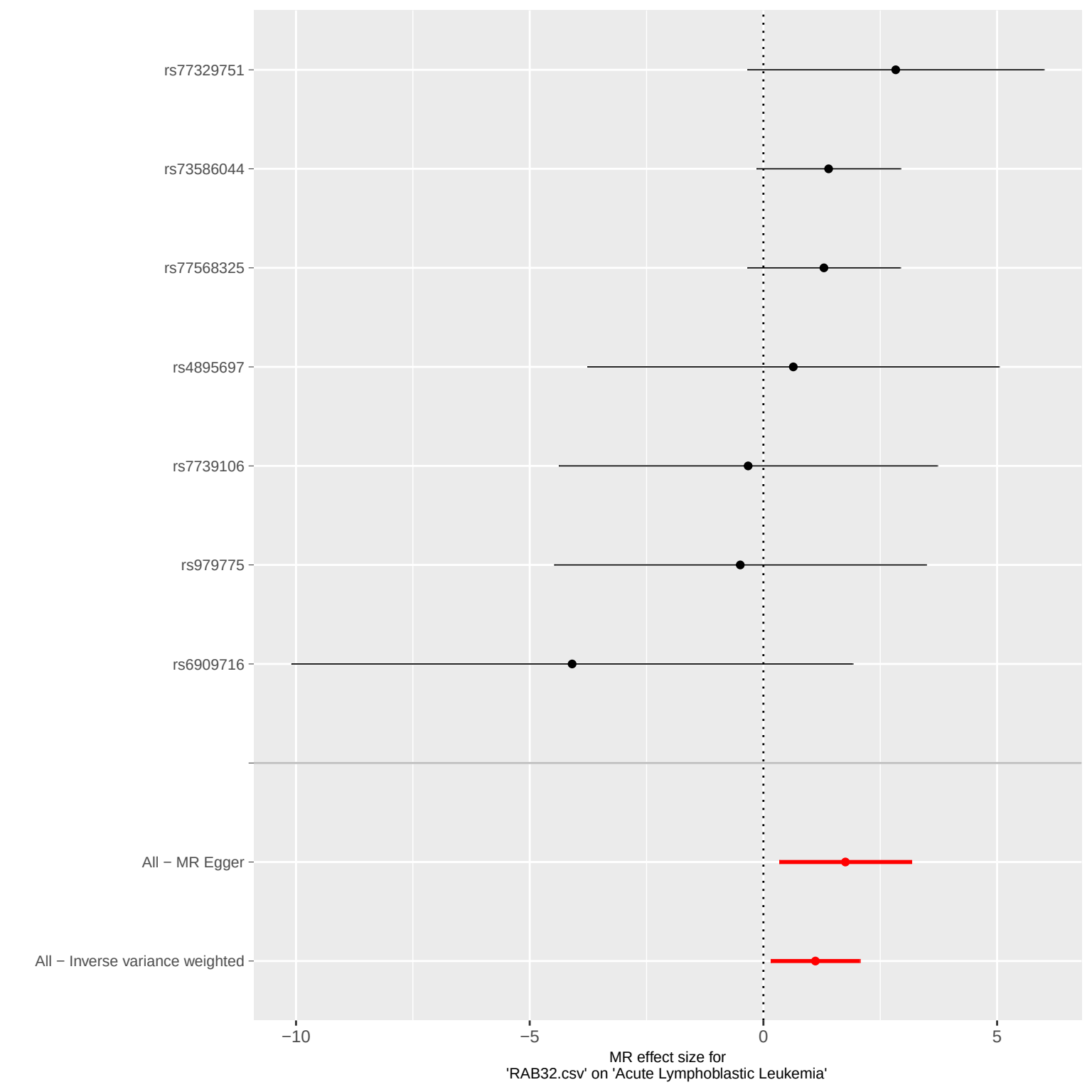
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'RAB12.csv' on 'Acute Lymphoblastic Leukemia'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rs7739106
rs979775
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All − MR Egger
All − Inverse variance weighted
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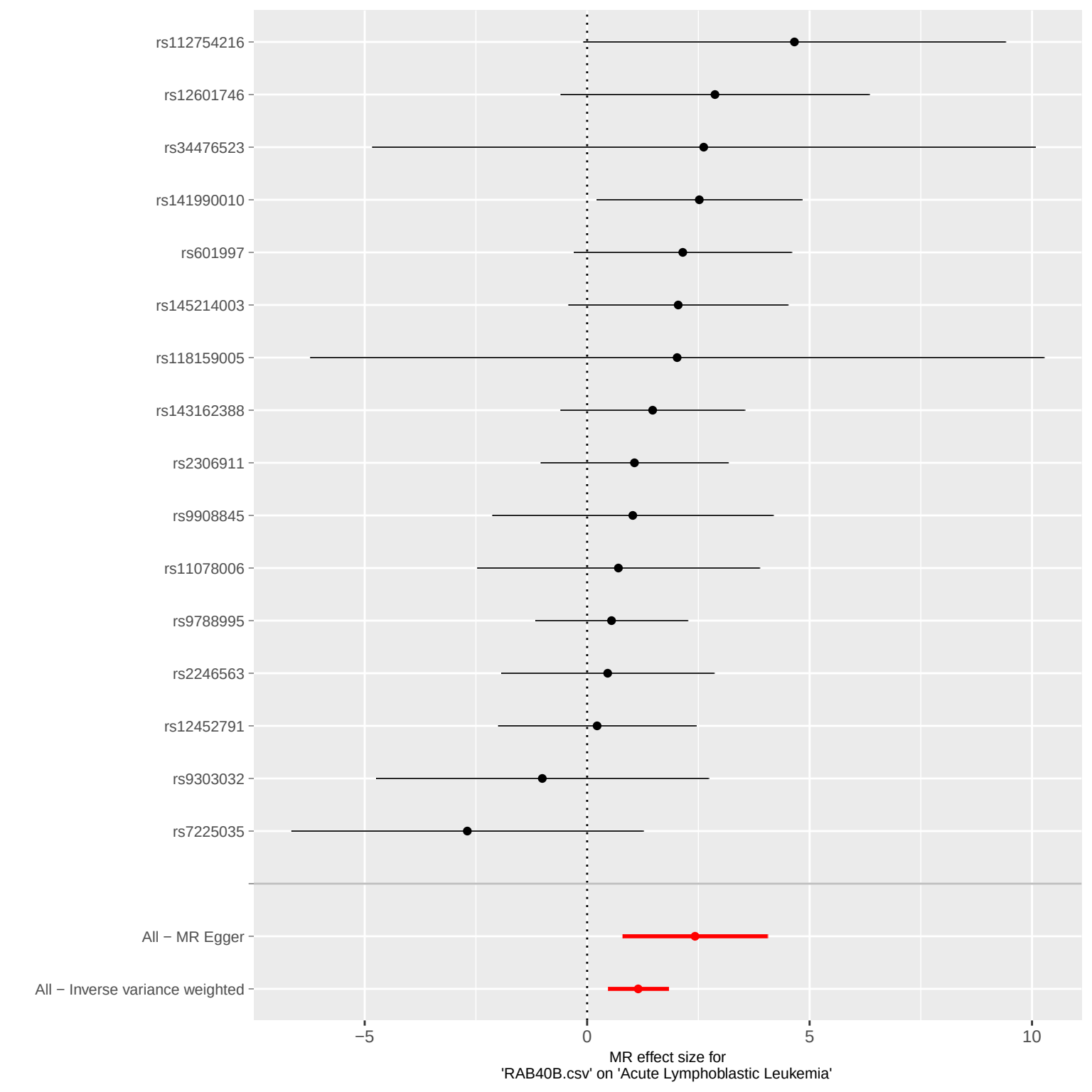
−5
0
5
MR effect size for
'RAB32.csv' on 'Acute Lymphoblastic Leukemia'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rs11078006
rs9788995
rs2246563
rs12452791
rs9303032
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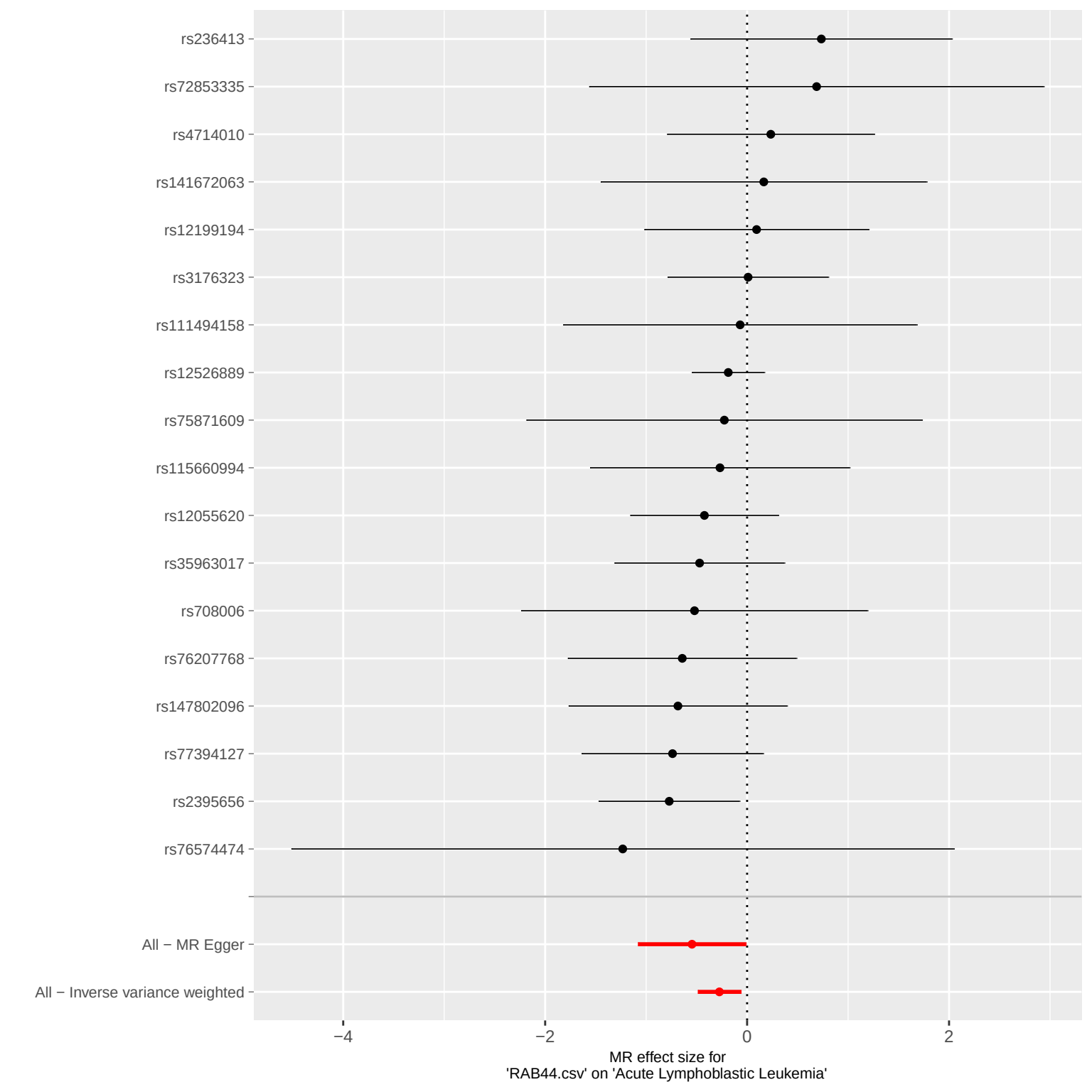
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RAB40B.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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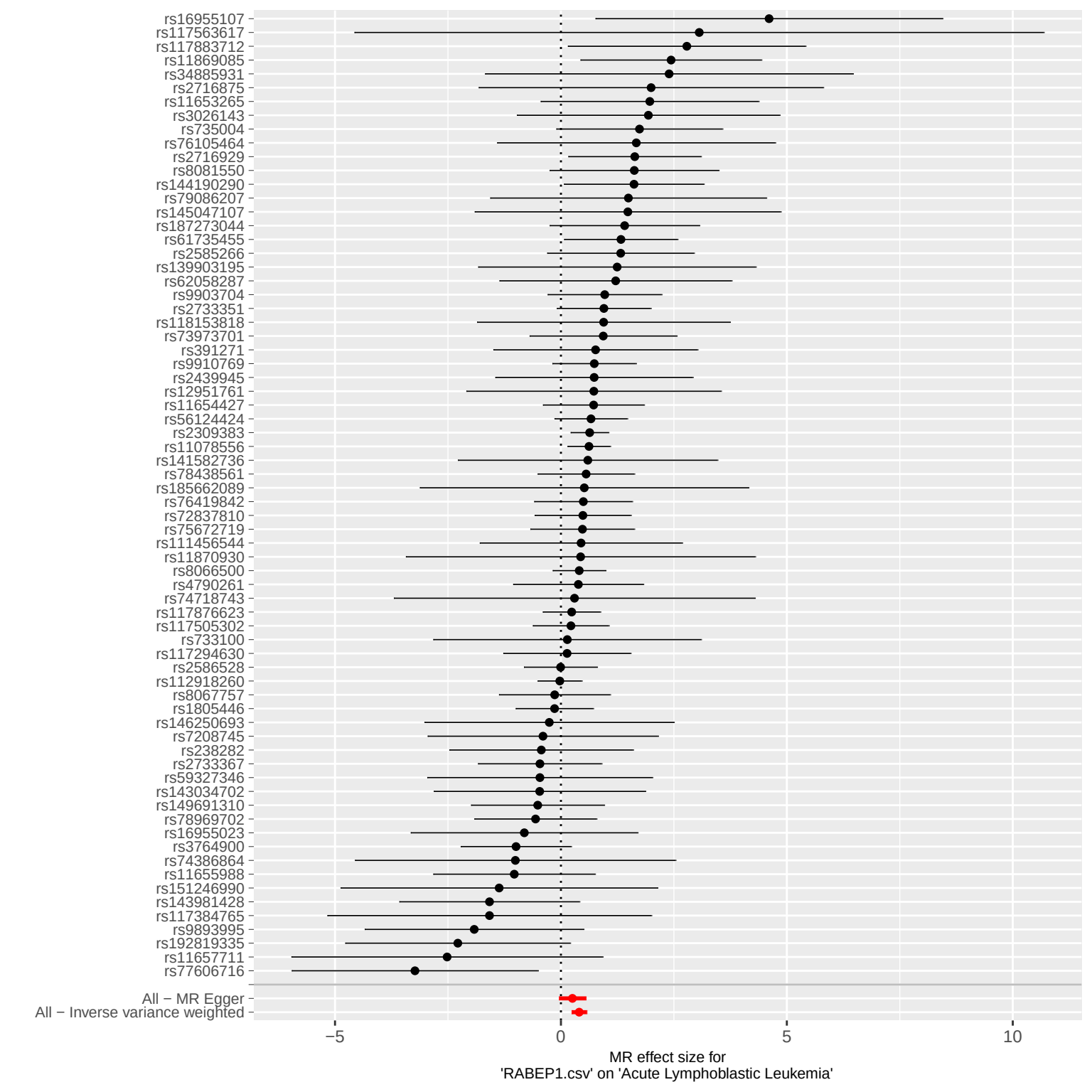
MR effect size for
'RAB44.csv' on 'Acute Lymphoblastic Leukemia'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rs151246990
rs143981428
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rs11657711
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All − MR Egger
All − Inverse variance weighted
−5
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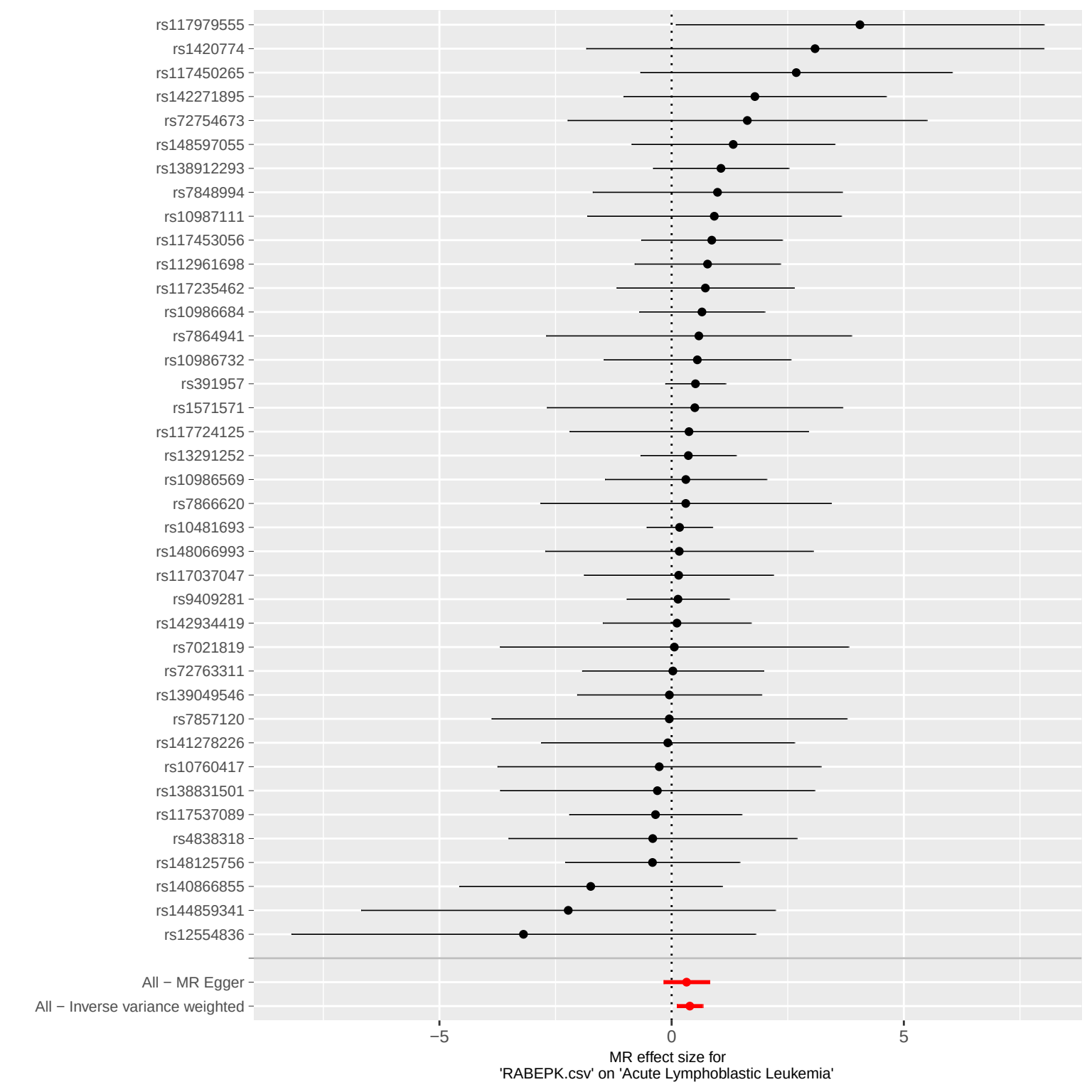
MR effect size for
'RABEP1.csv' on 'Acute Lymphoblastic Leukemia'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rs391957
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rs139049546
rs7857120
rs141278226
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rs138831501
rs117537089
rs4838318
rs148125756
rs140866855
rs144859341
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All − MR Egger
All − Inverse variance weighted
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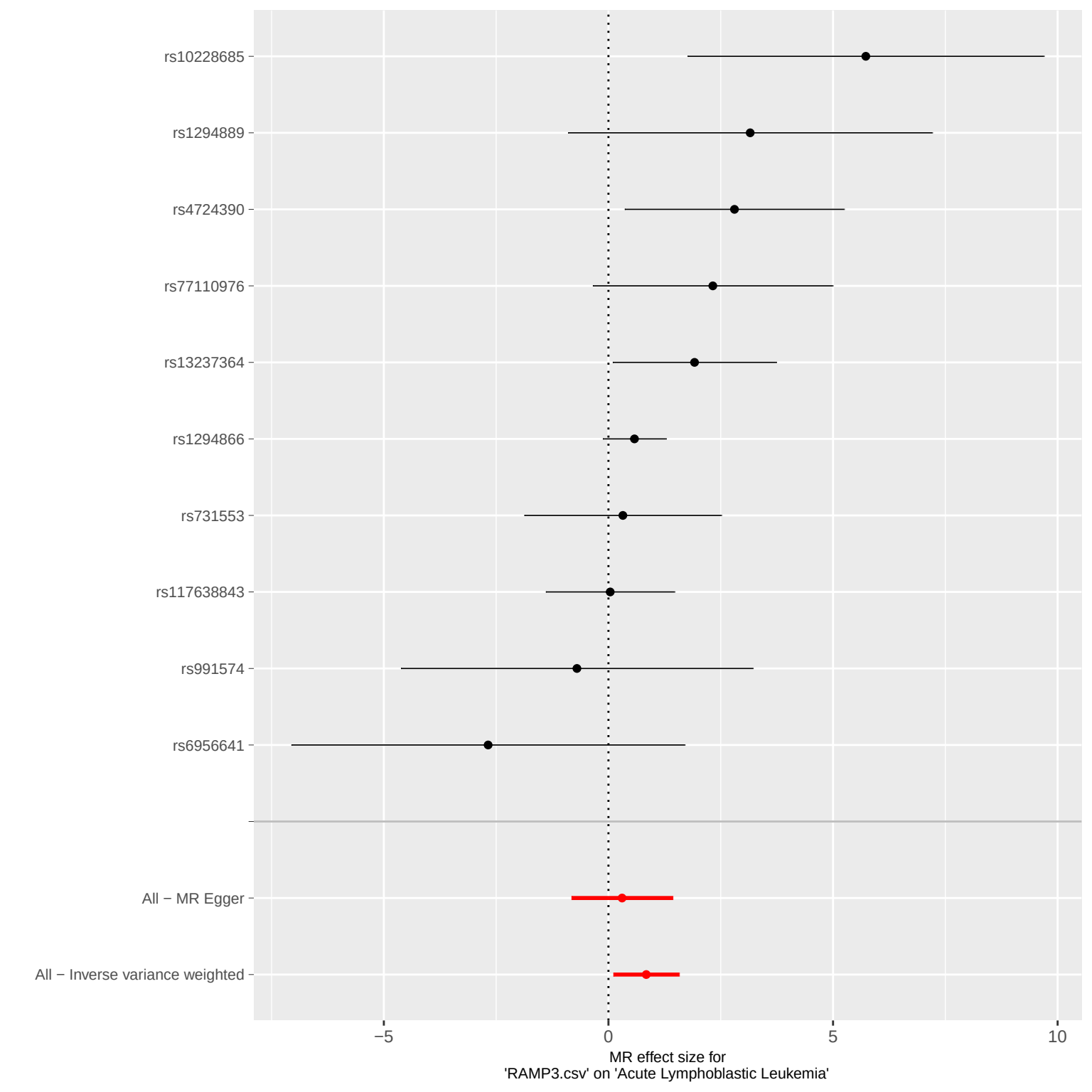
MR effect size for
'RABEPK.csv' on 'Acute Lymphoblastic Leukemia'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rs117638843
rs991574
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All − MR Egger
All − Inverse variance weighted
−5
0
5
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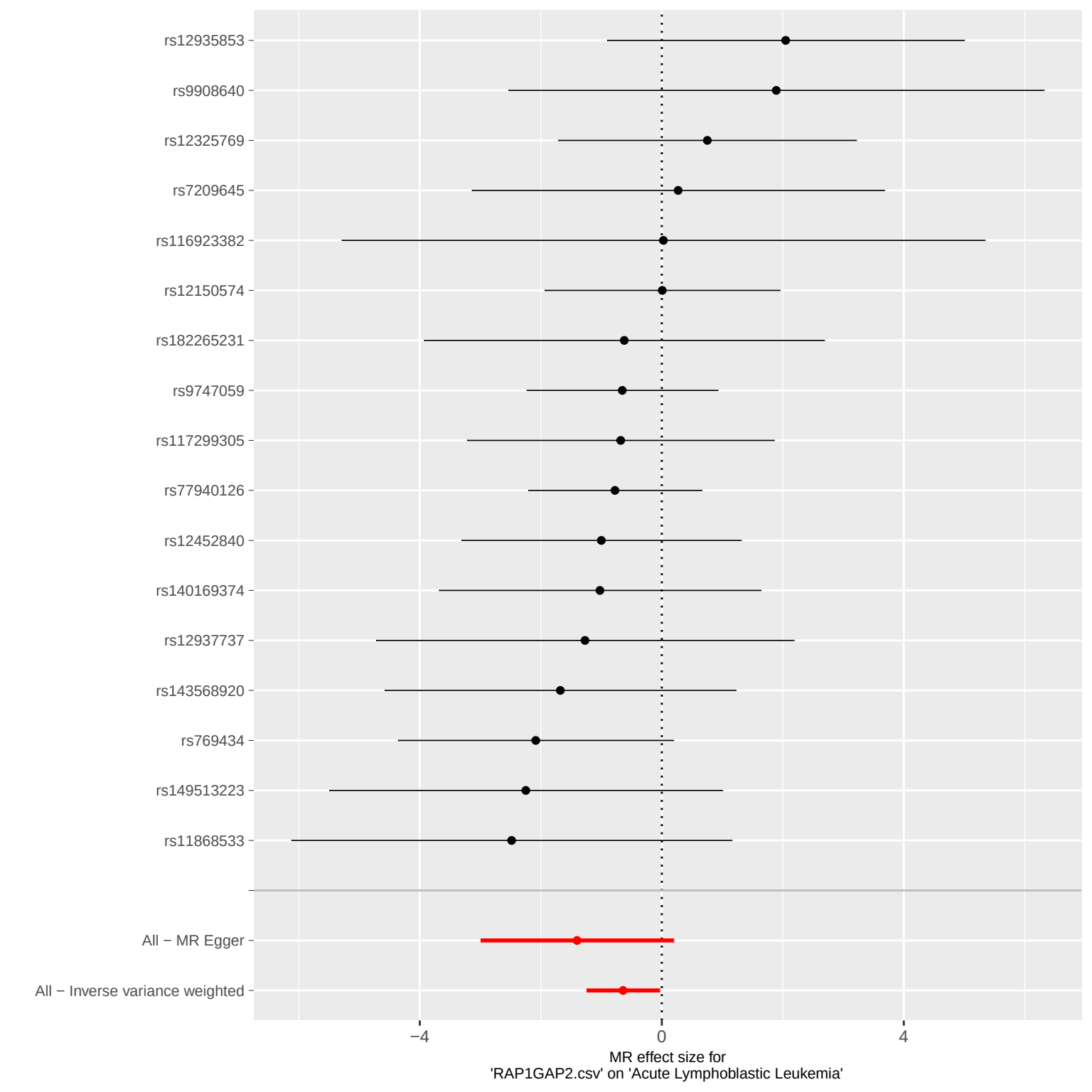
MR effect size for
'RAMP3.csv' on 'Acute Lymphoblastic Leukemia'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rs12937737
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rs769434
rs149513223
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All − MR Egger
All − Inverse variance weighted
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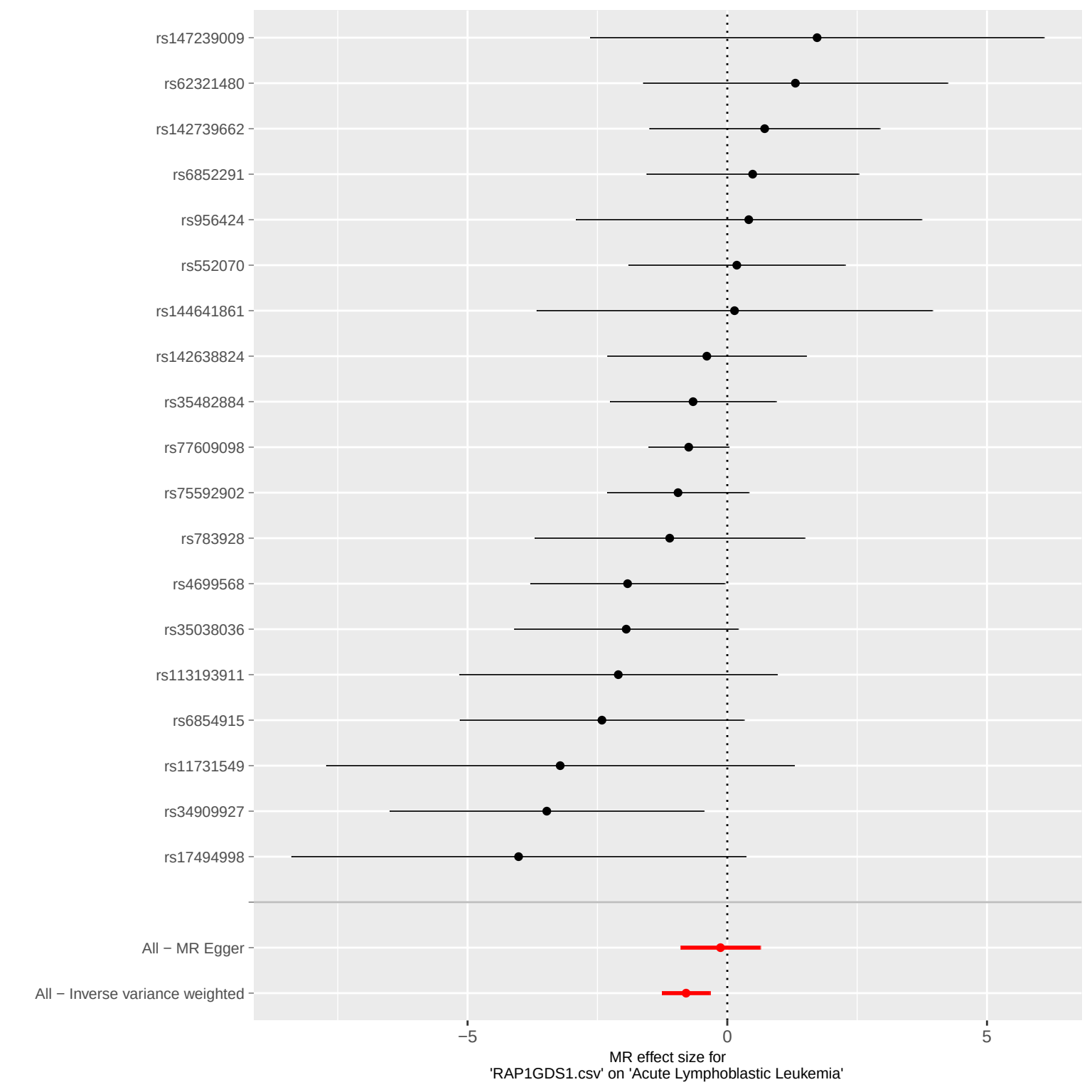
4
MR effect size for
'RAP1GAP2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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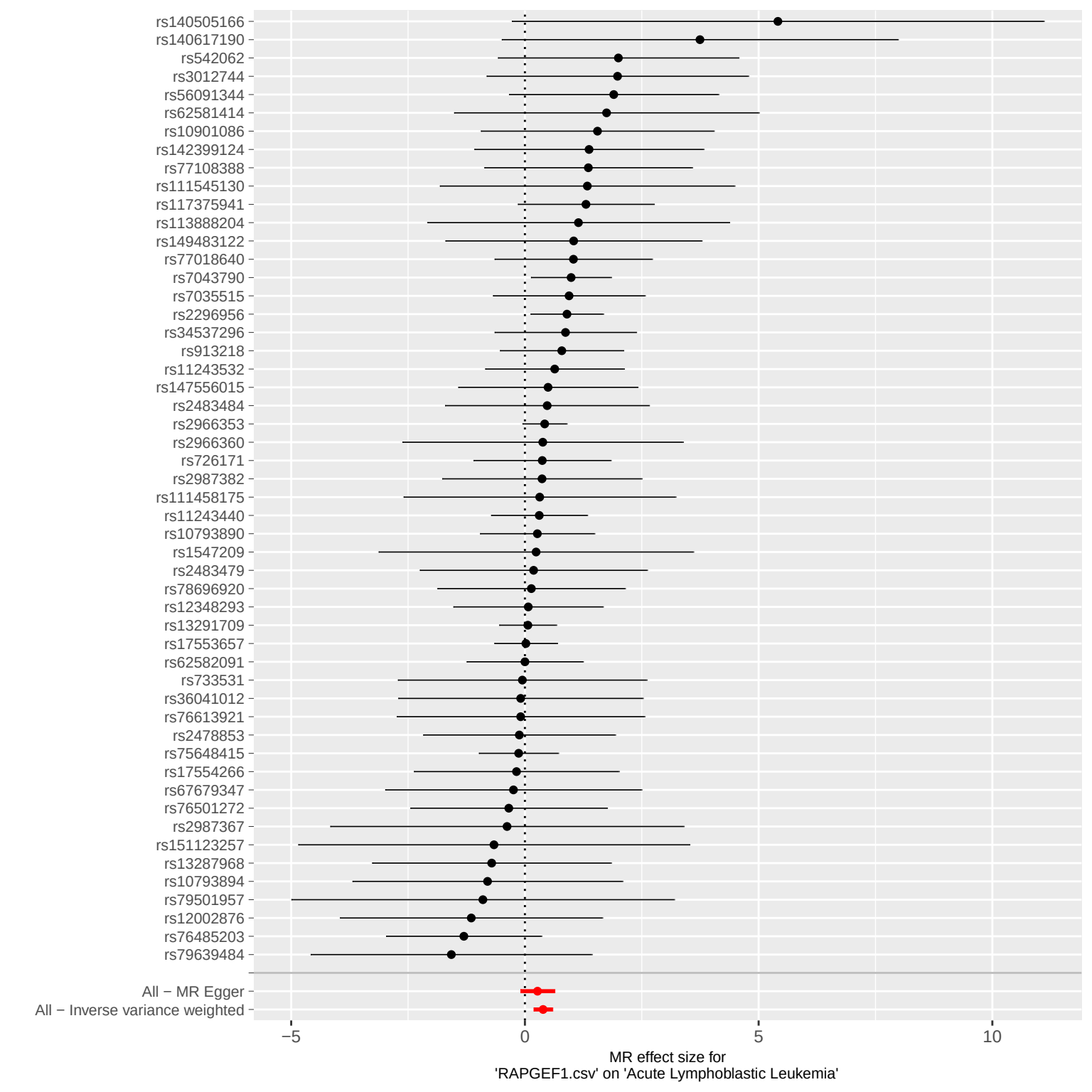
MR effect size for
'RAP1GDS1.csv' on 'Acute Lymphoblastic Leukemia'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rs7035515
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rs11243532
rs147556015
rs2483484
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rs726171
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rs10793894
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All − MR Egger
All − Inverse variance weighted
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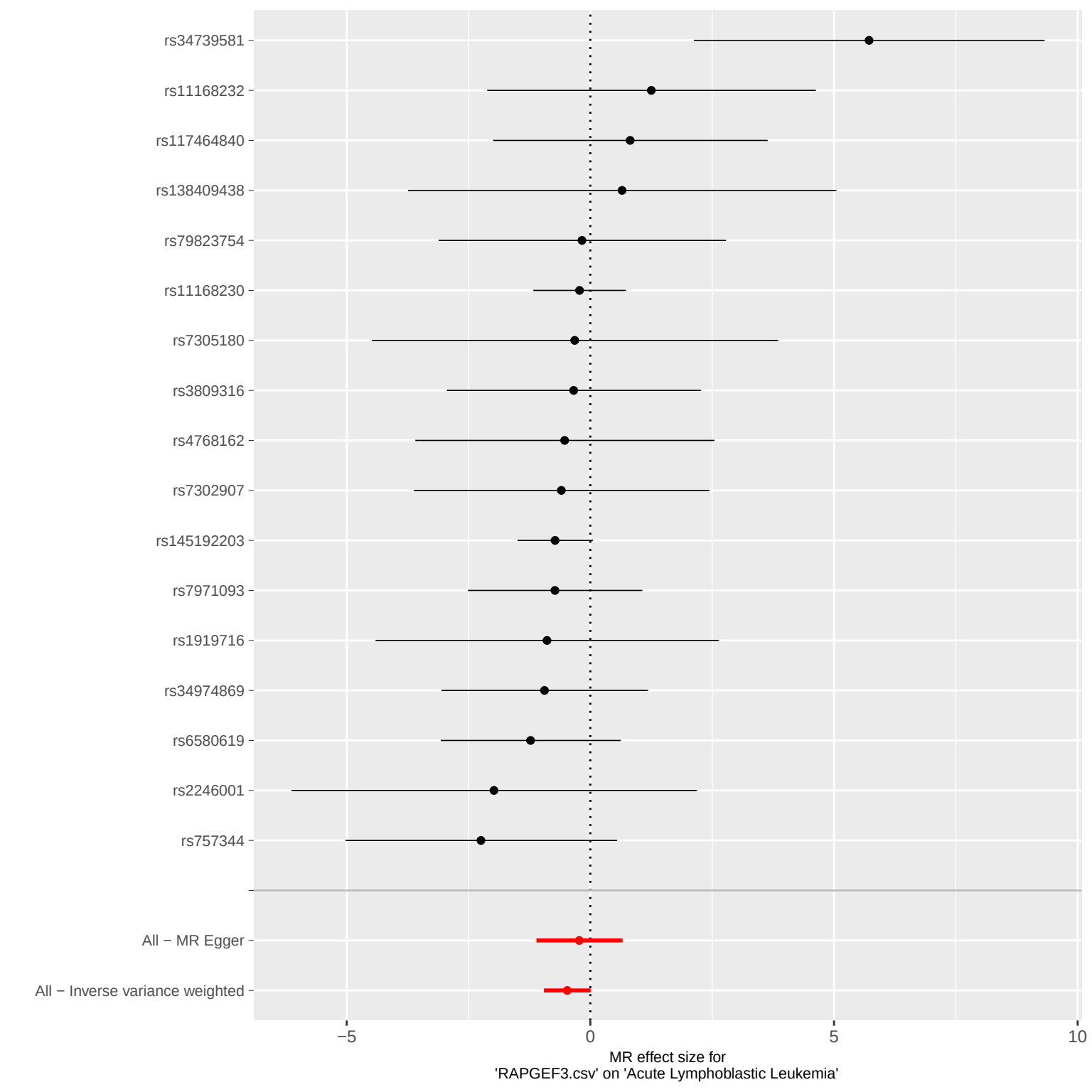
MR effect size for
'RAPGEF1.csv' on 'Acute Lymphoblastic Leukemia'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rs7971093
rs1919716
rs34974869
rs6580619
rs2246001
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All − MR Egger
All − Inverse variance weighted
−5
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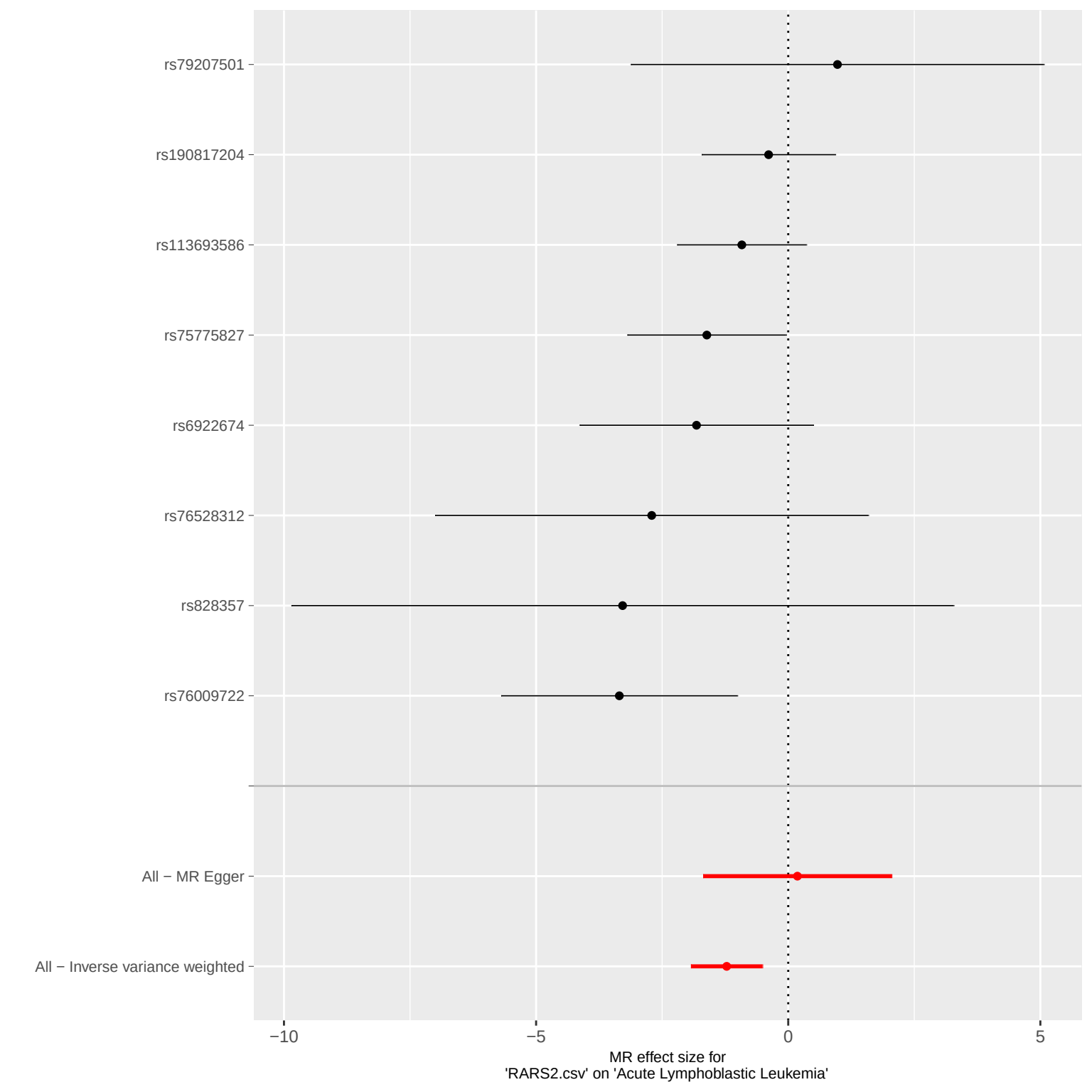
MR effect size for
'RAPGEF3.csv' on 'Acute Lymphoblastic Leukemia'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rs6922674
rs76528312
rs828357
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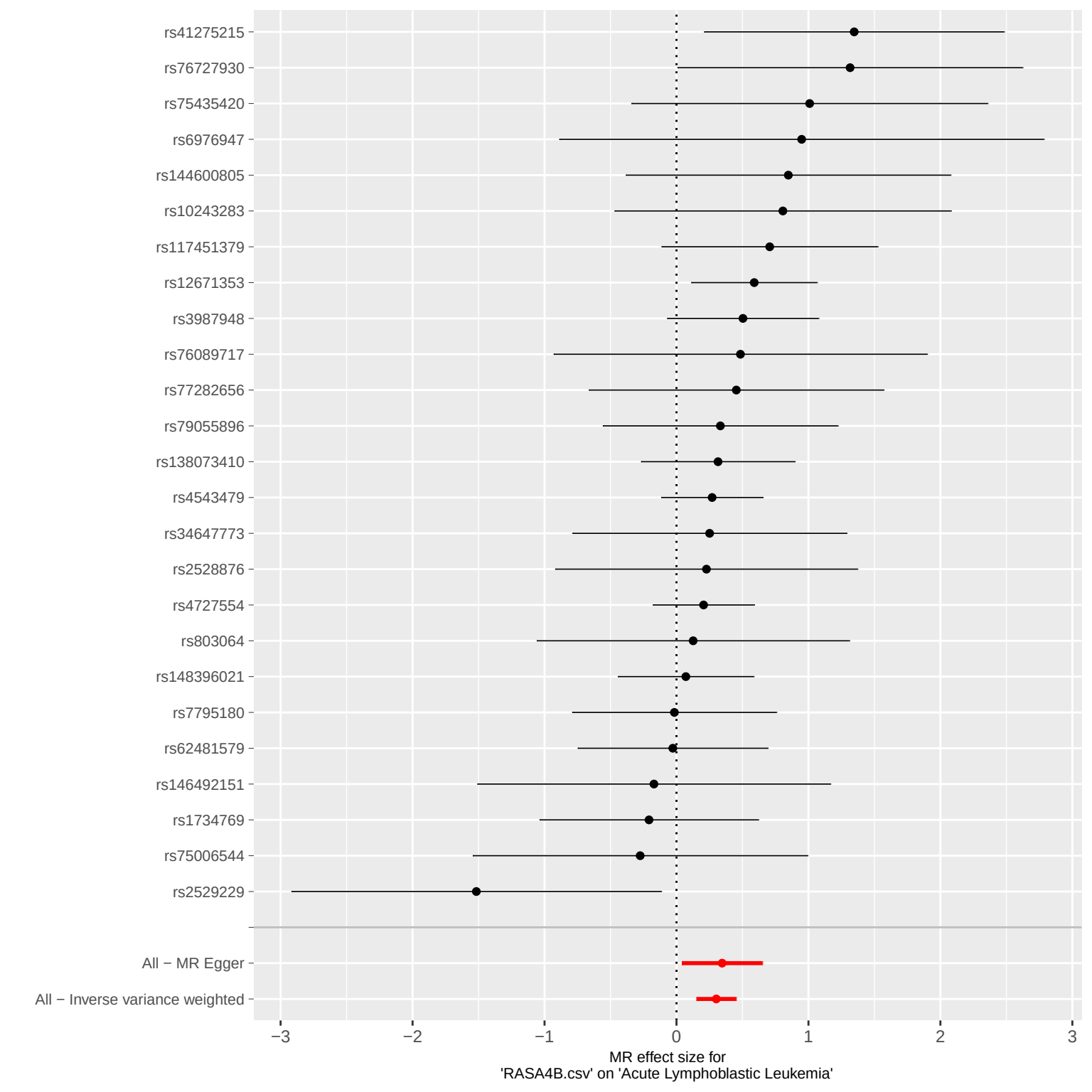
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'RARS2.csv' on 'Acute Lymphoblastic Leukemia'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rs2528876
rs4727554
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rs62481579
rs146492151
rs1734769
rs75006544
rs2529229
All − MR Egger
All − Inverse variance weighted
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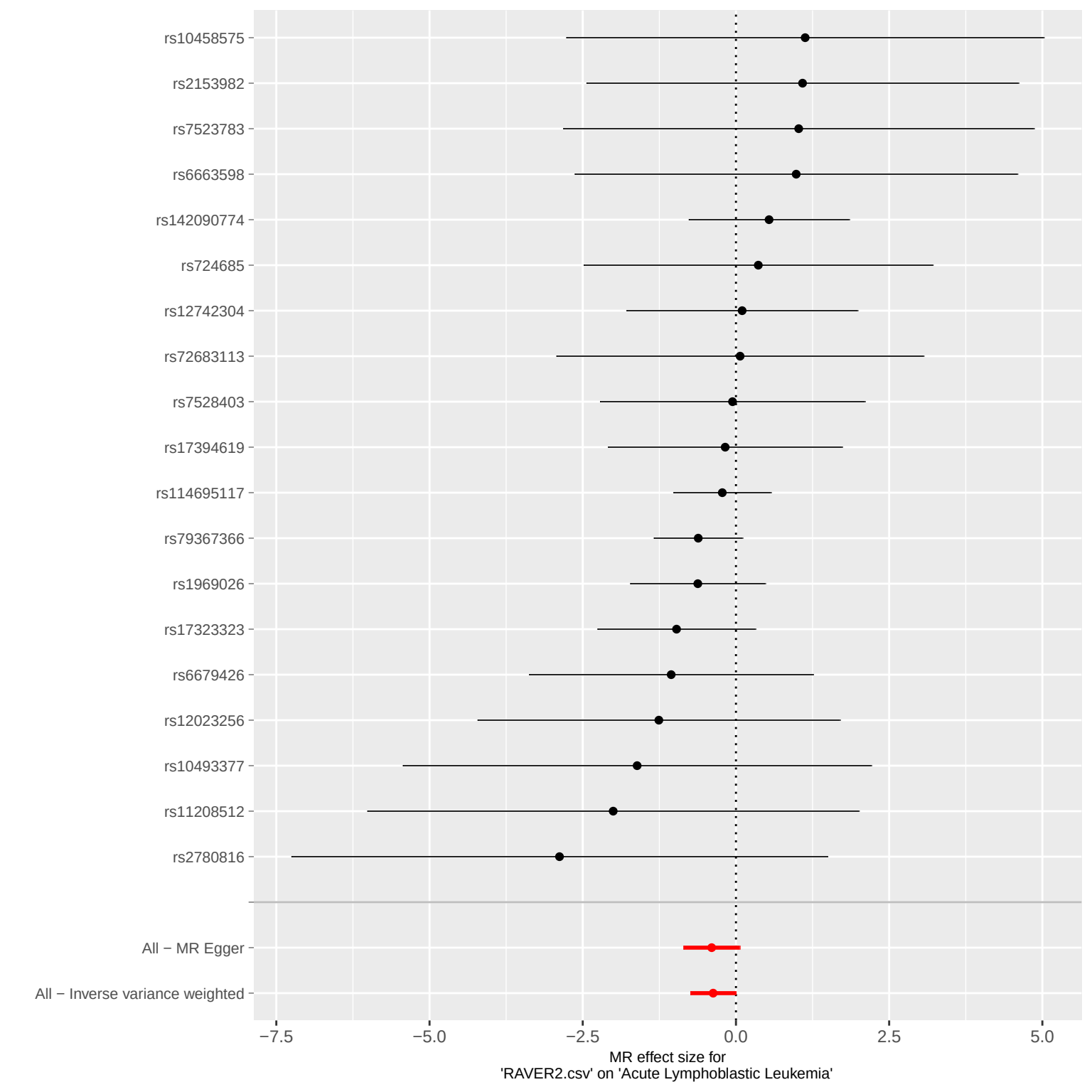
−2
−1
0
1
2
3
MR effect size for
'RASA4B.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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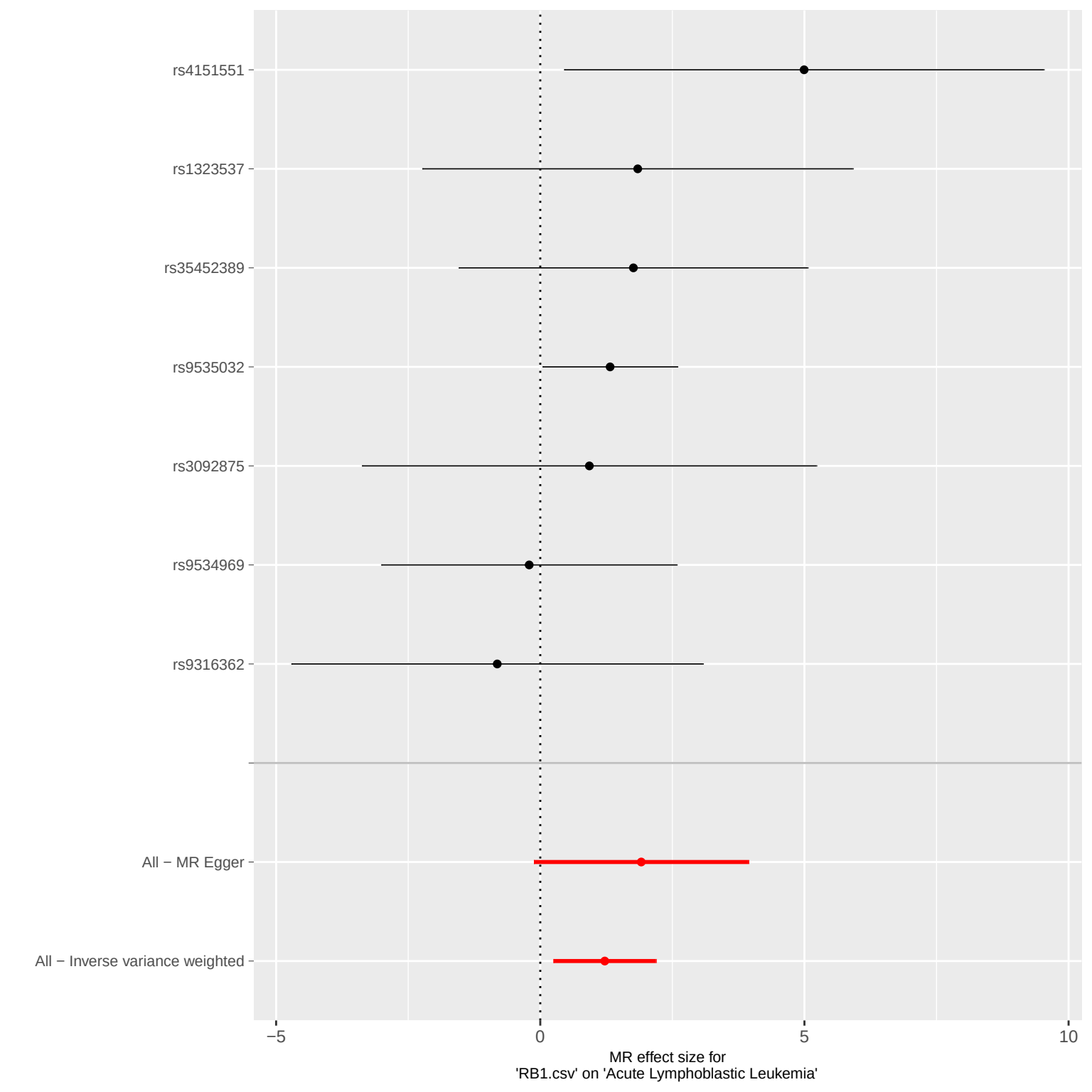
2.5
5.0
MR effect size for
'RAVER2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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5
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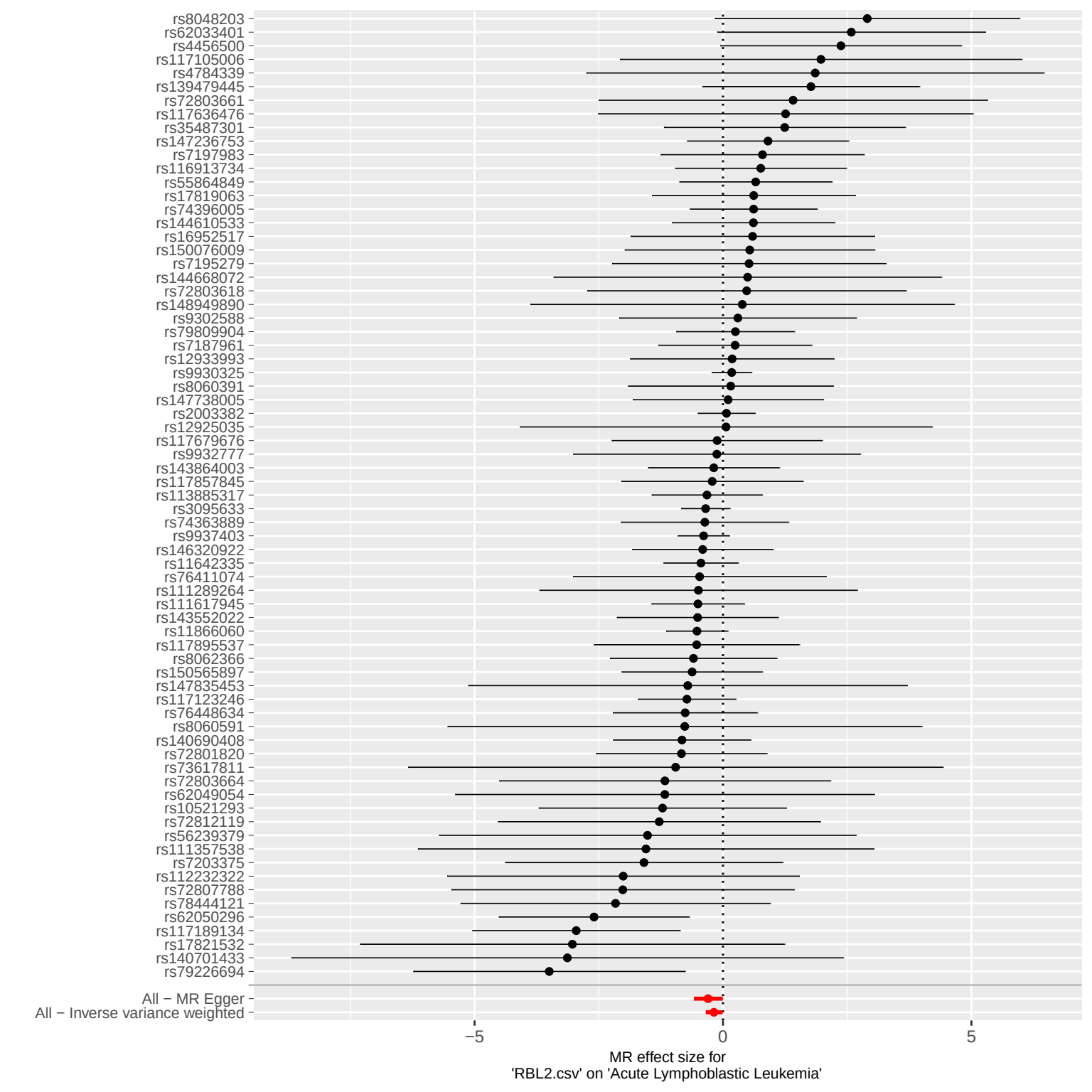
MR effect size for
'RB1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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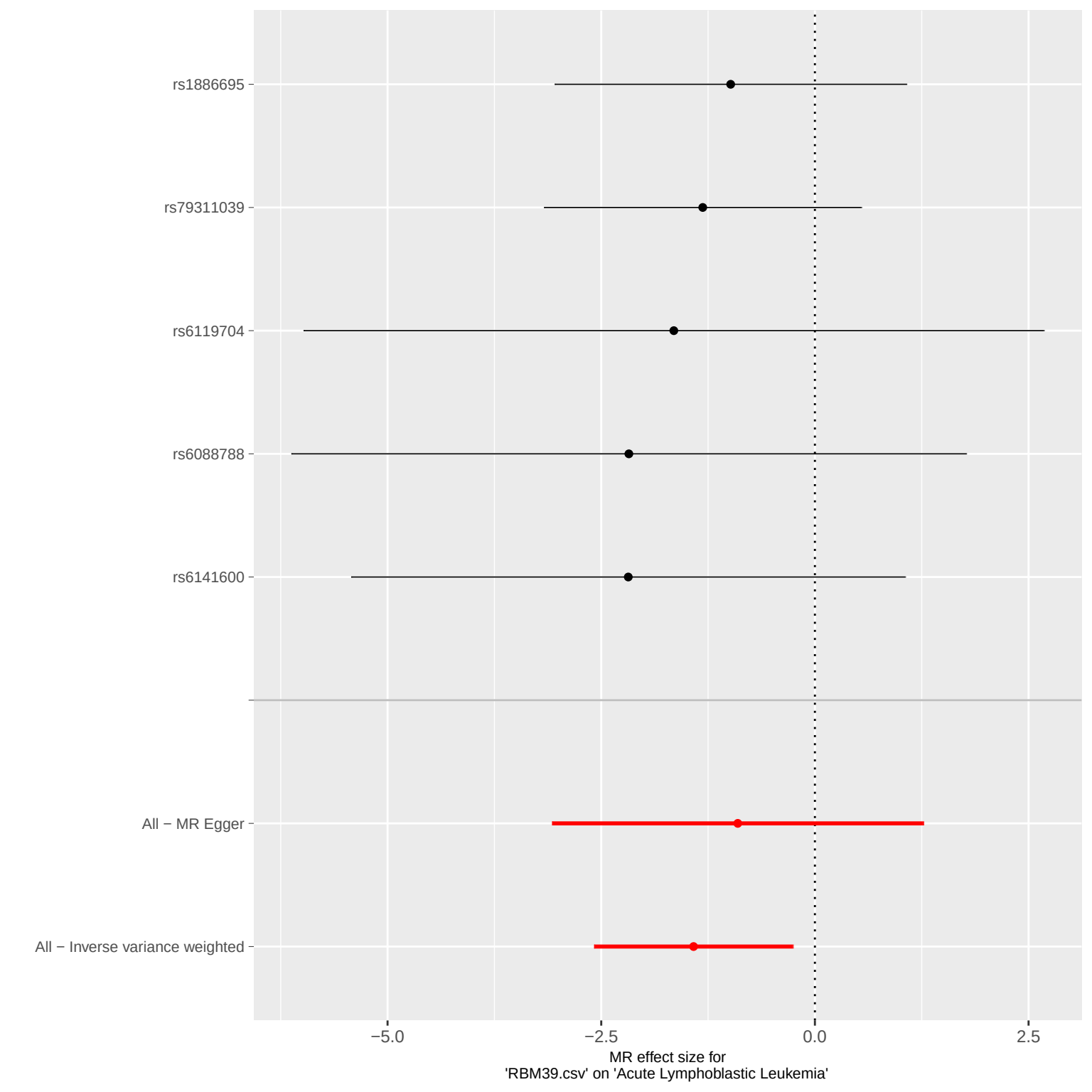
MR effect size for
'RBL2.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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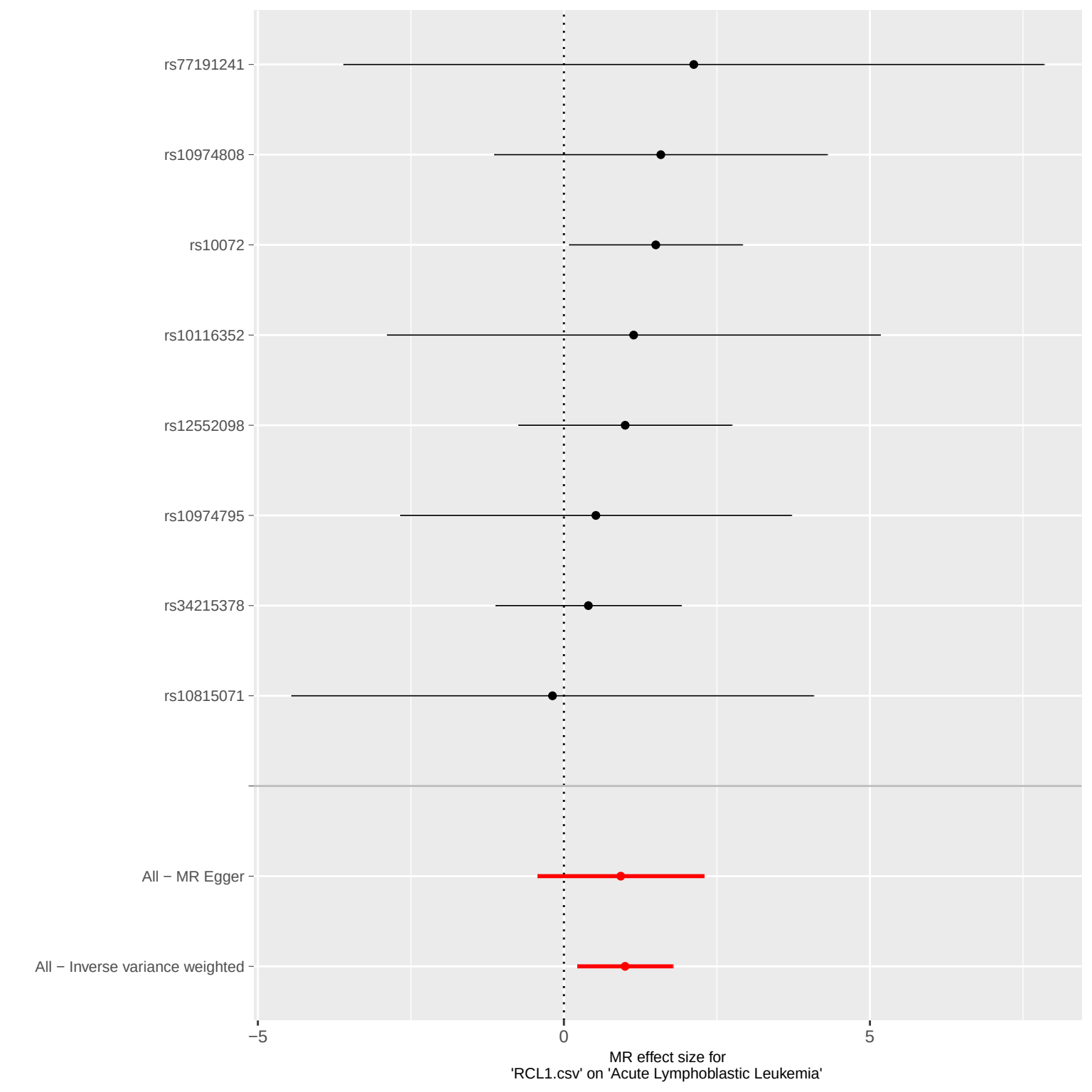
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All − Inverse variance weighted
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MR effect size for
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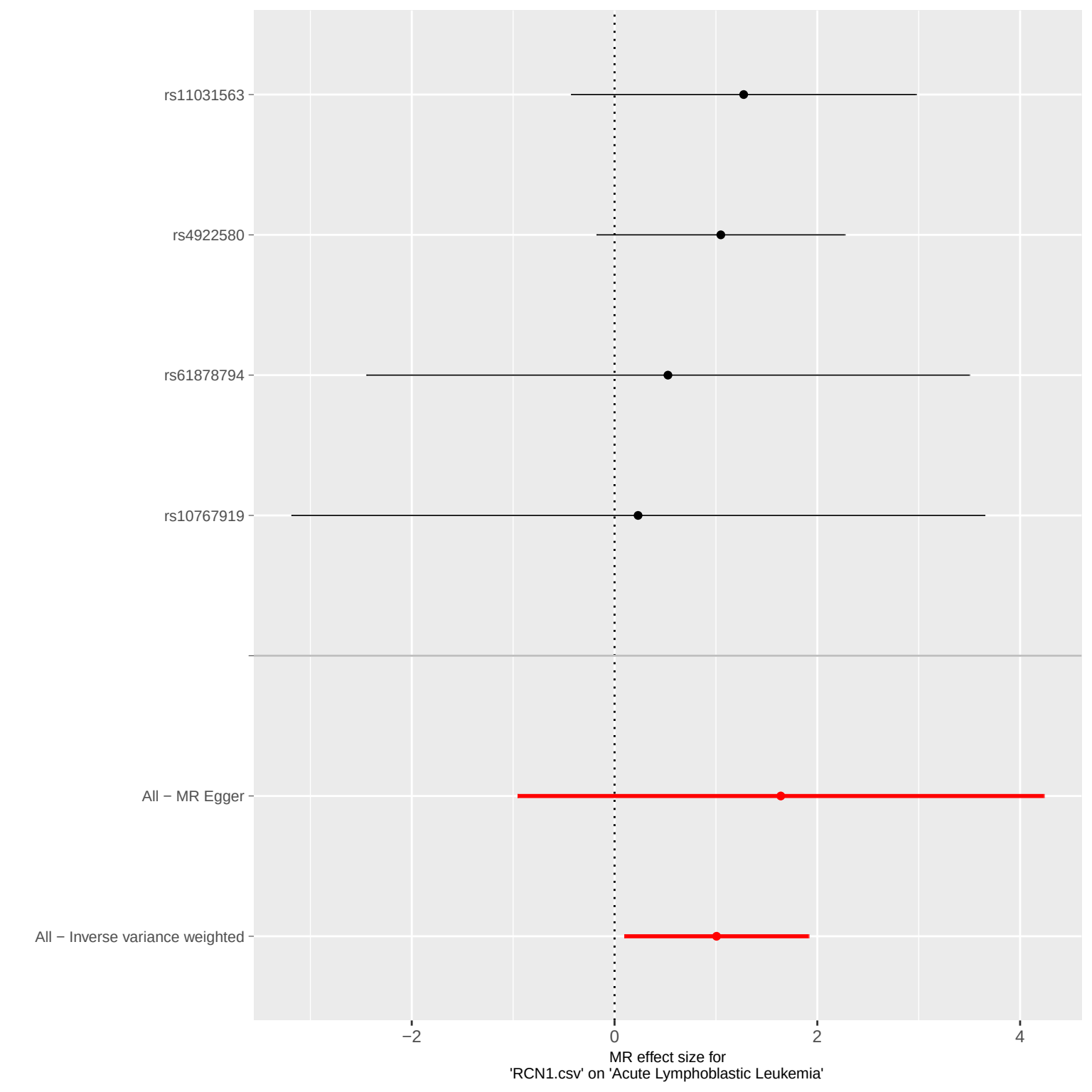
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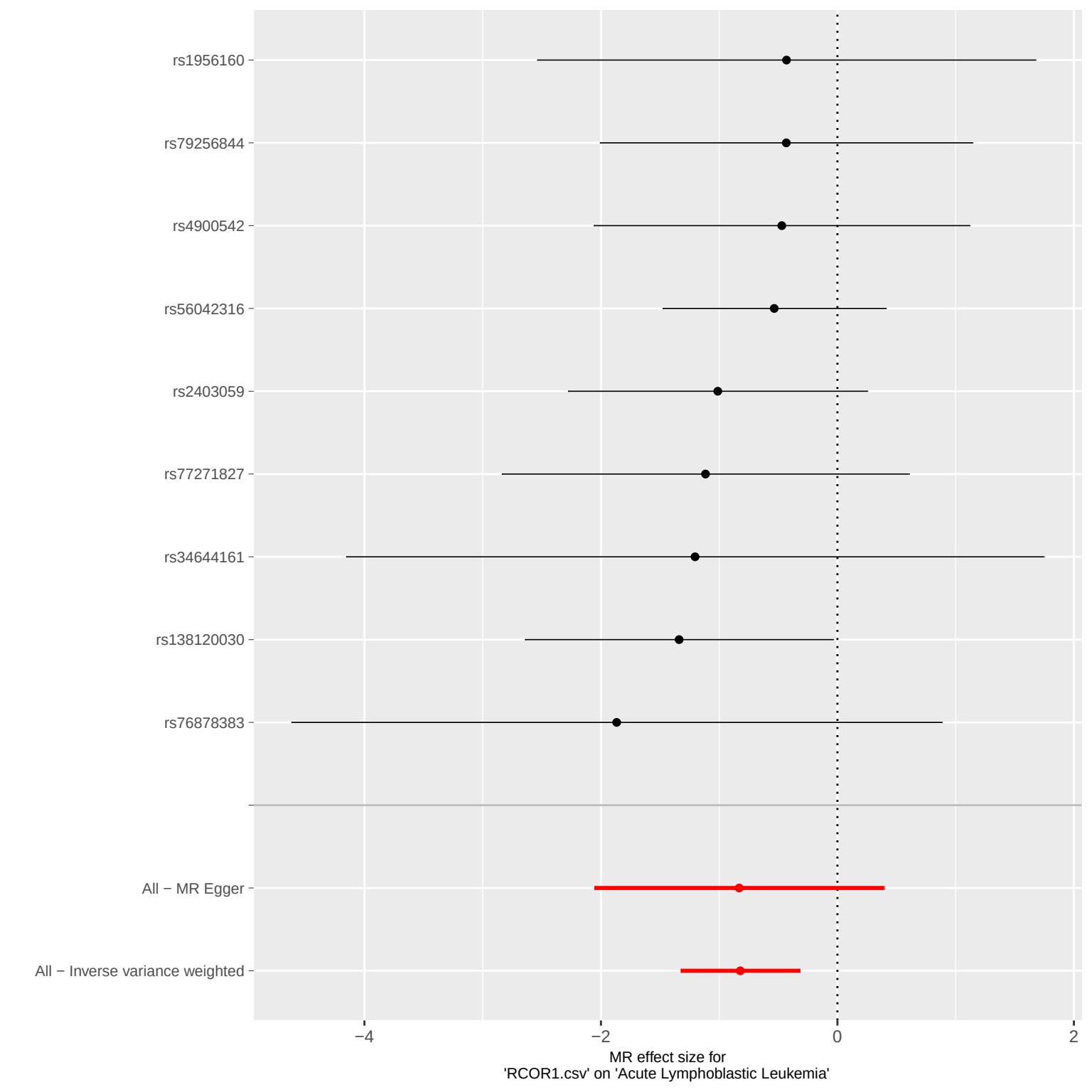
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All − MR Egger
All − Inverse variance weighted
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−2
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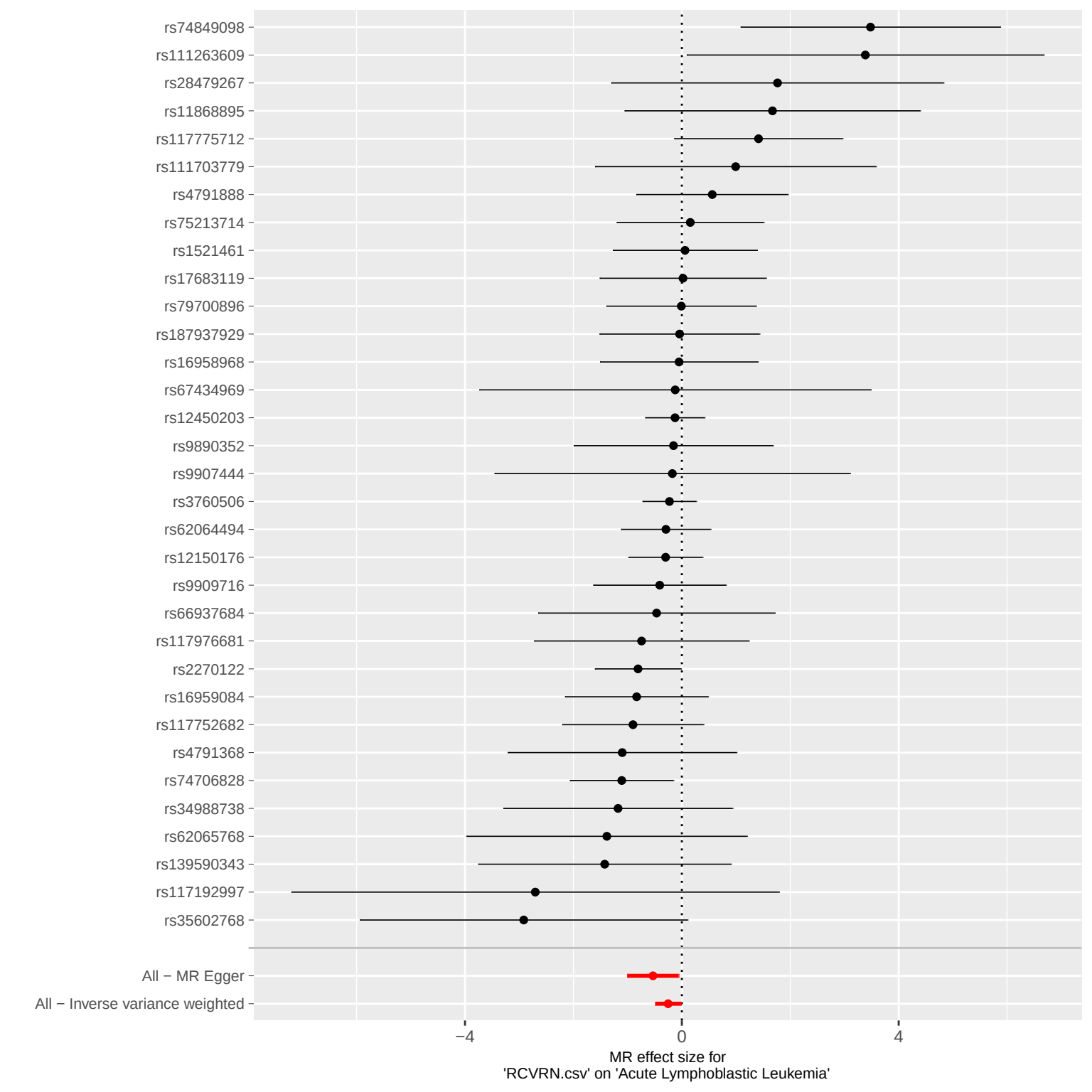
2
MR effect size for
'RCOR1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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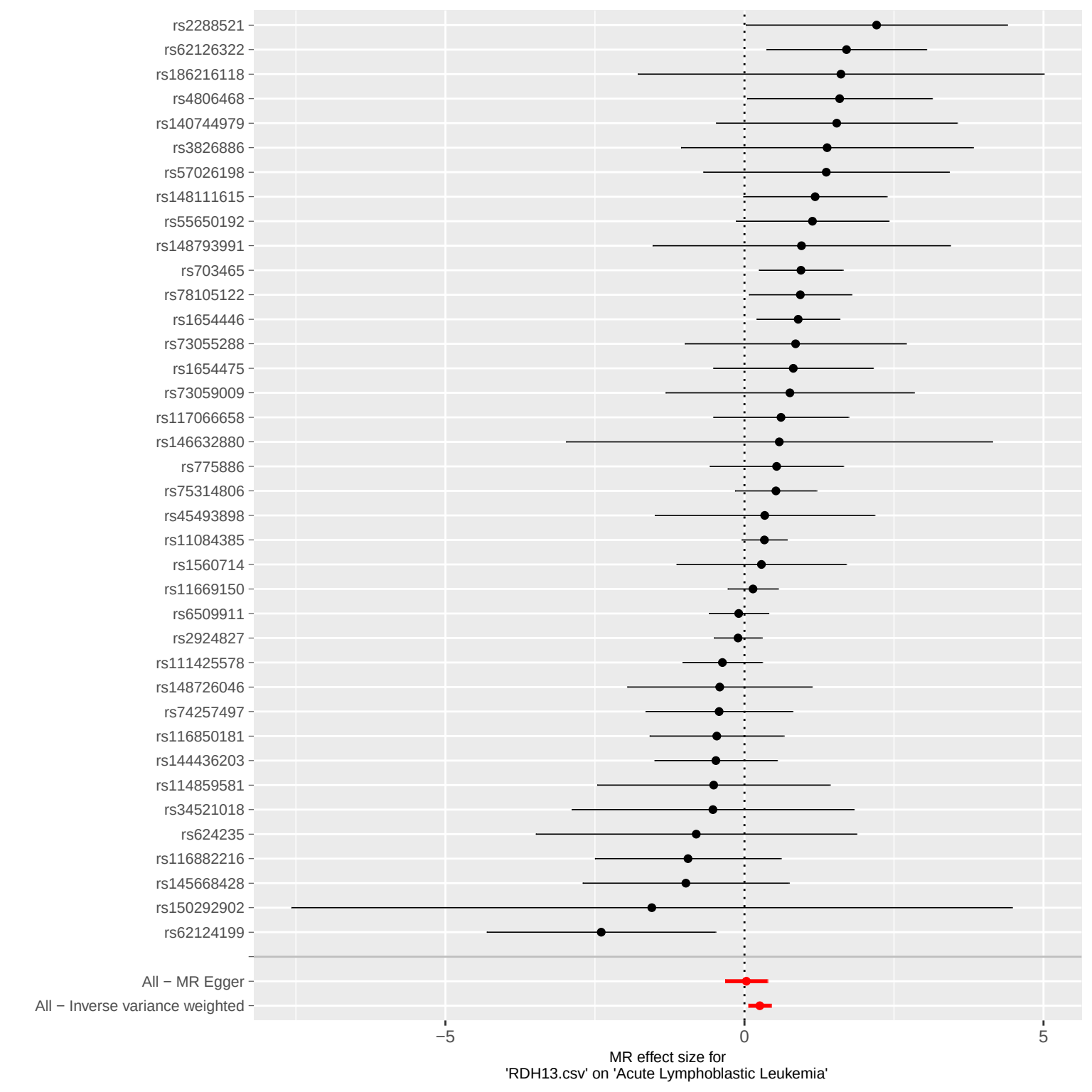
MR effect size for
'RCVRN.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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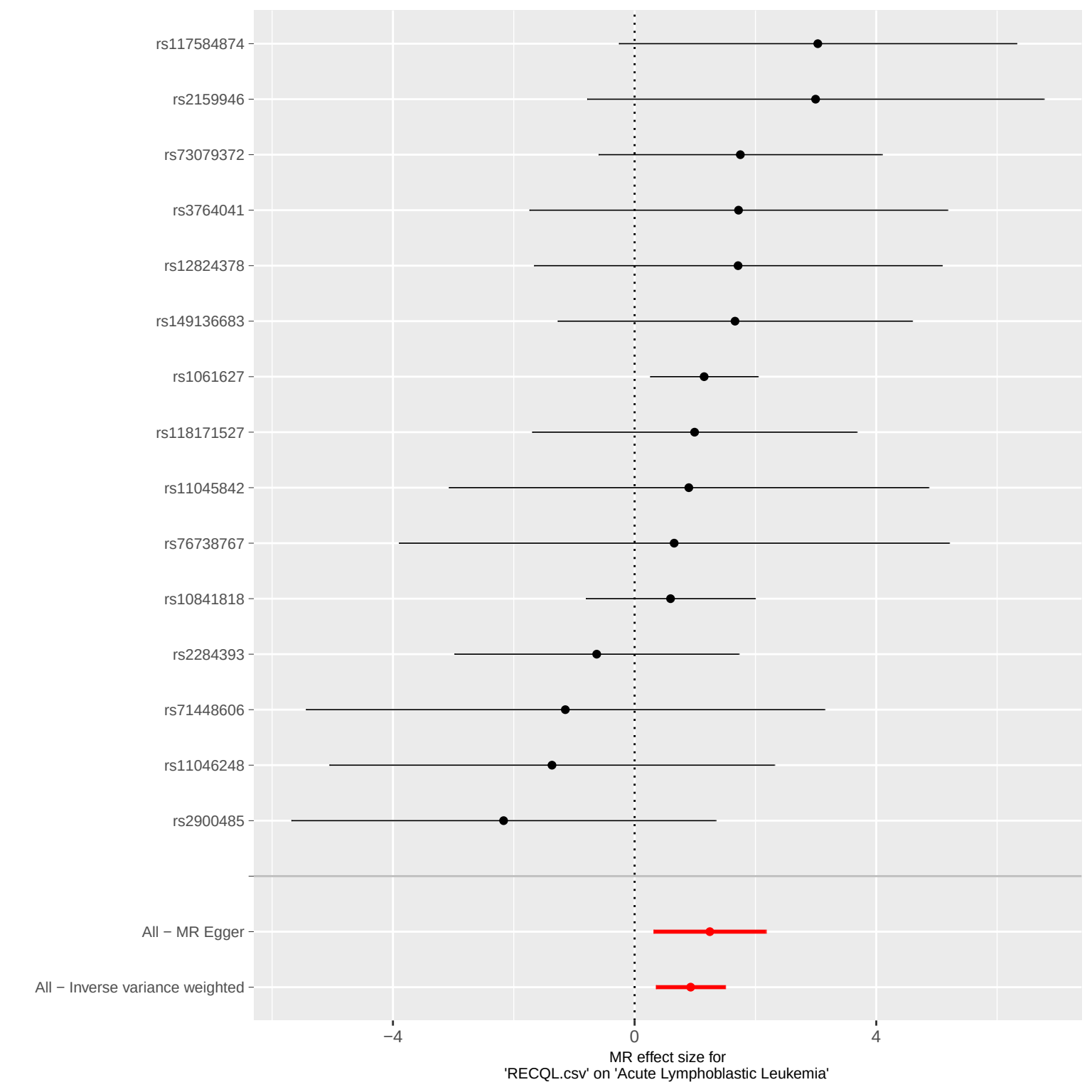
MR effect size for
'RDH13.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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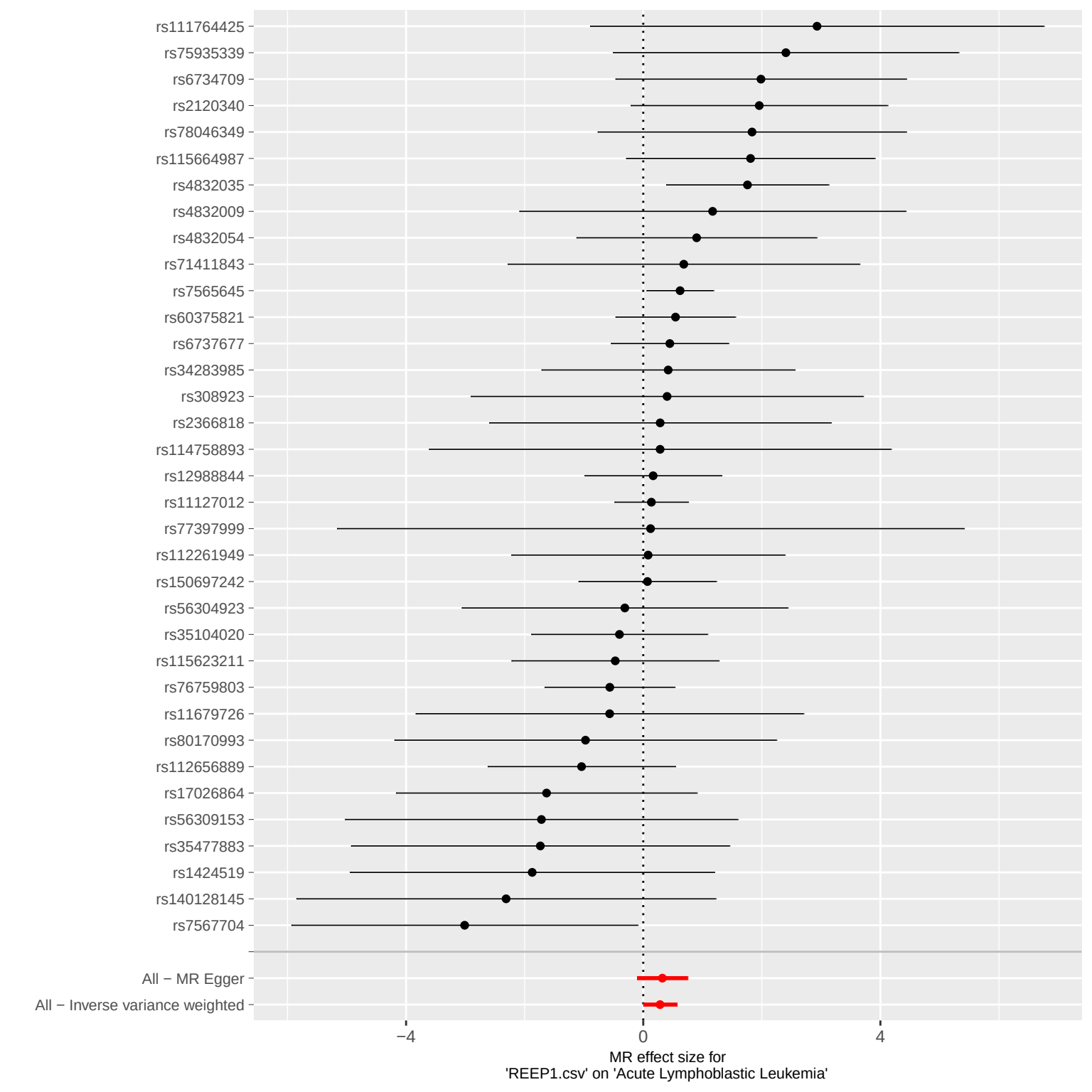
4
MR effect size for
'RECQL.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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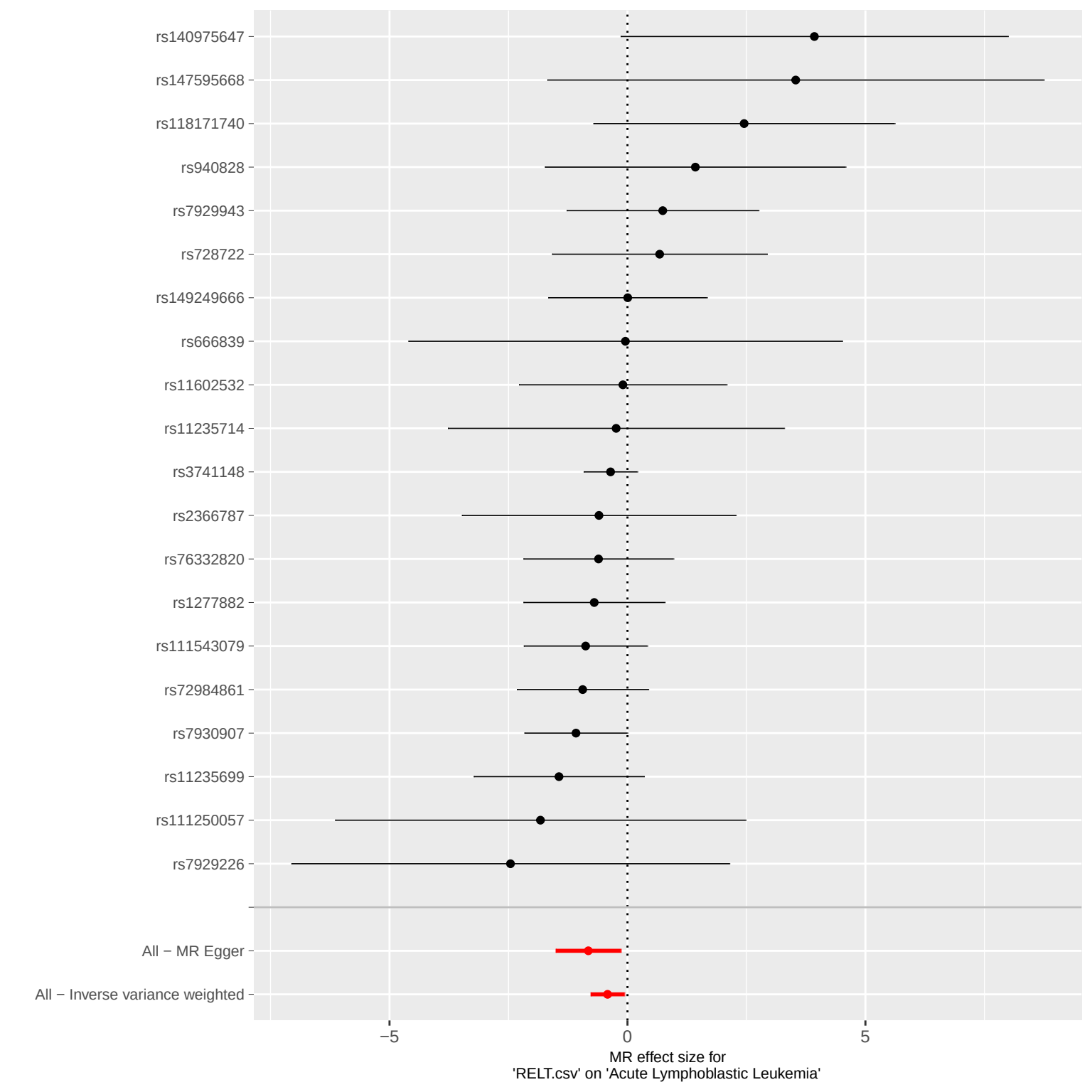
MR effect size for
'REEP1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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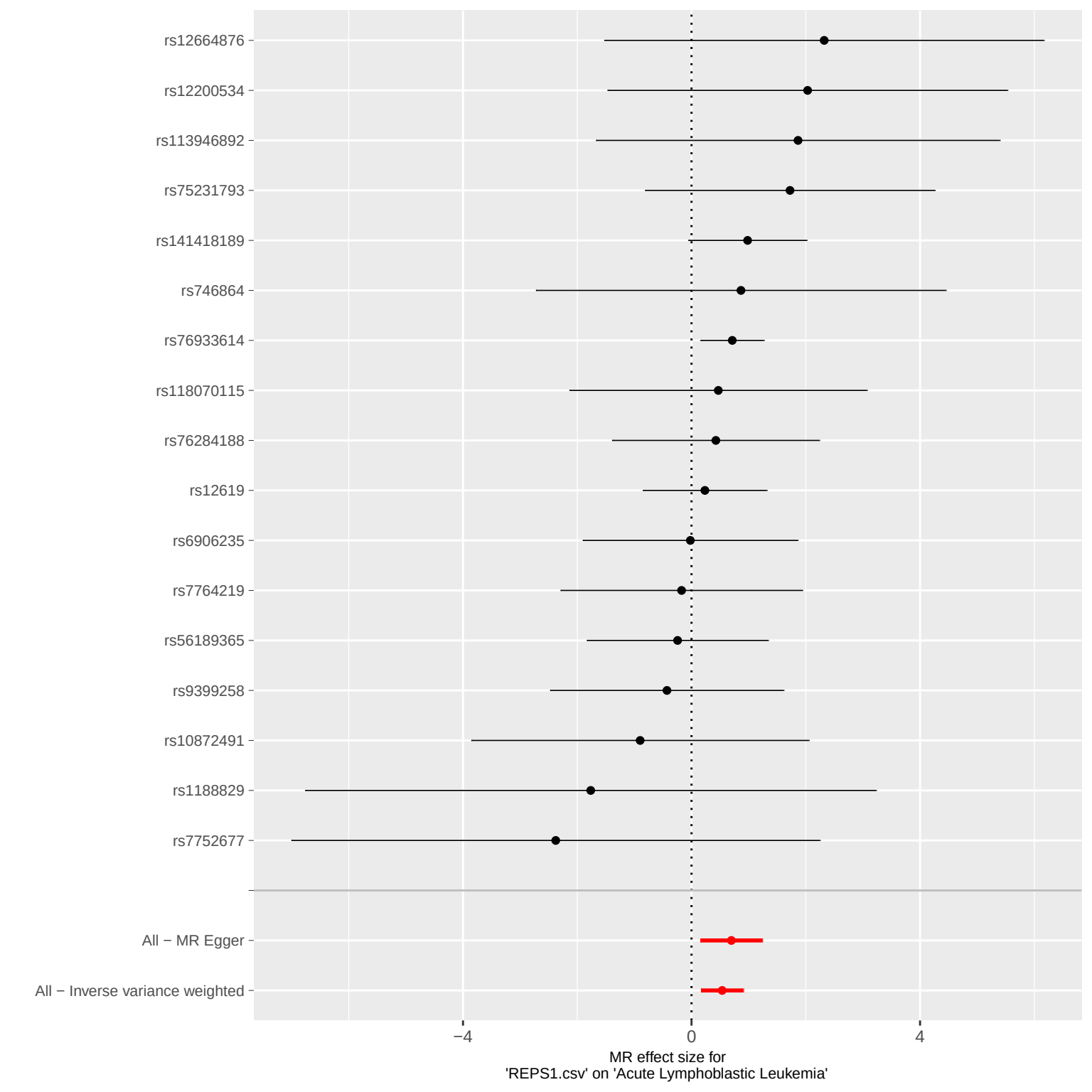
MR effect size for
'RELT.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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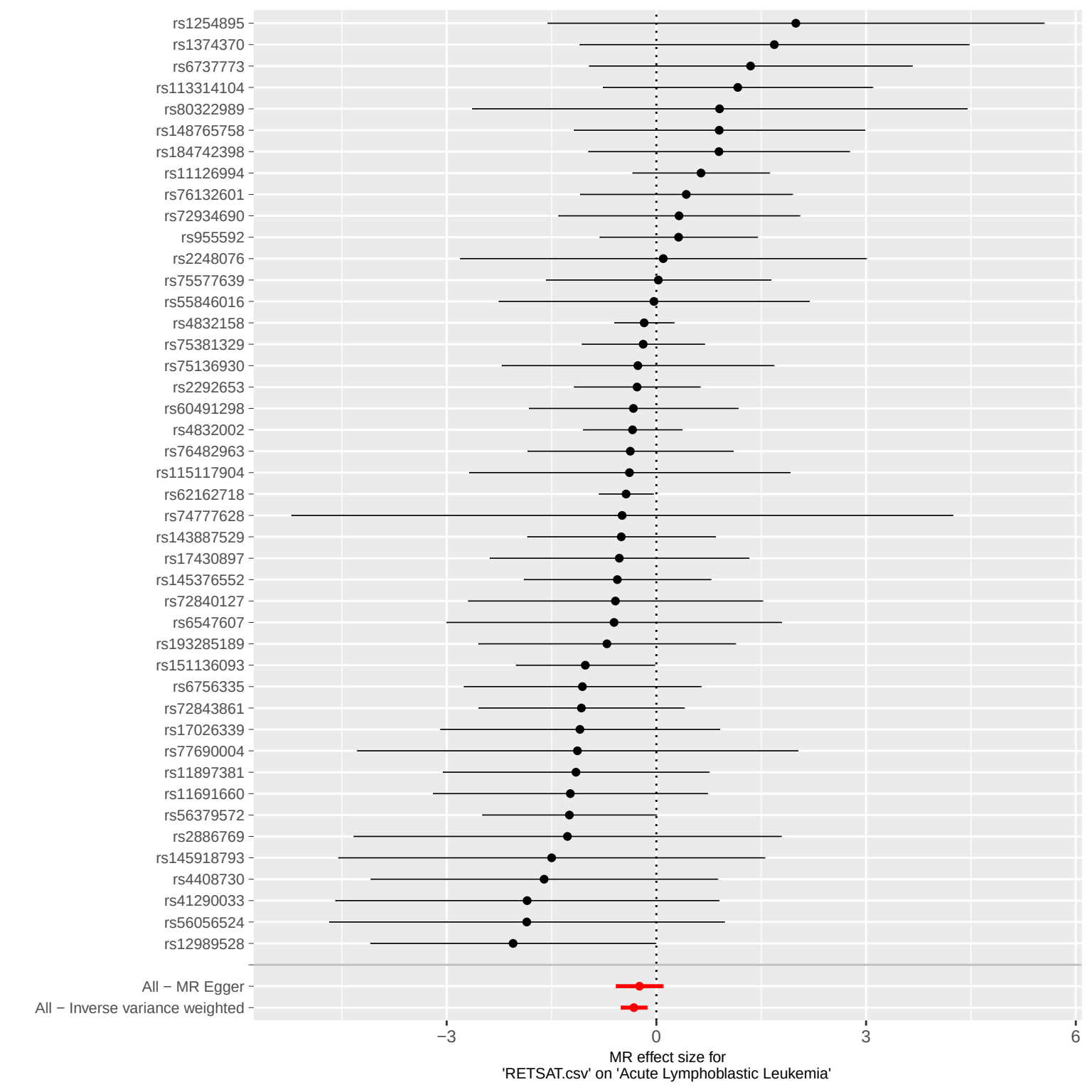
4
MR effect size for
'REPS1.csv' on 'Acute Lymphoblastic Leukemia'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rs56056524
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All − MR Egger
All − Inverse variance weighted
−3
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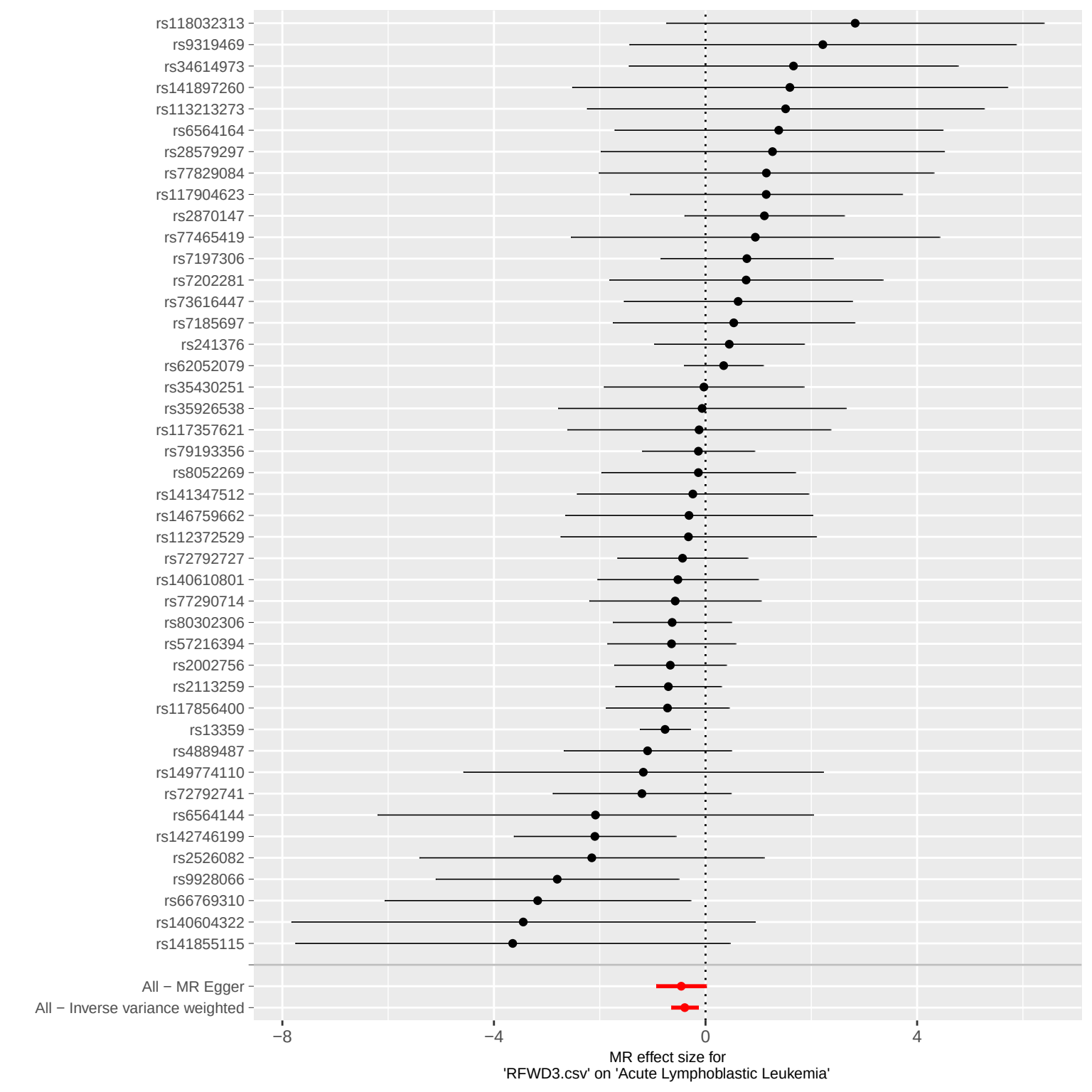
6
MR effect size for
'RETSAT.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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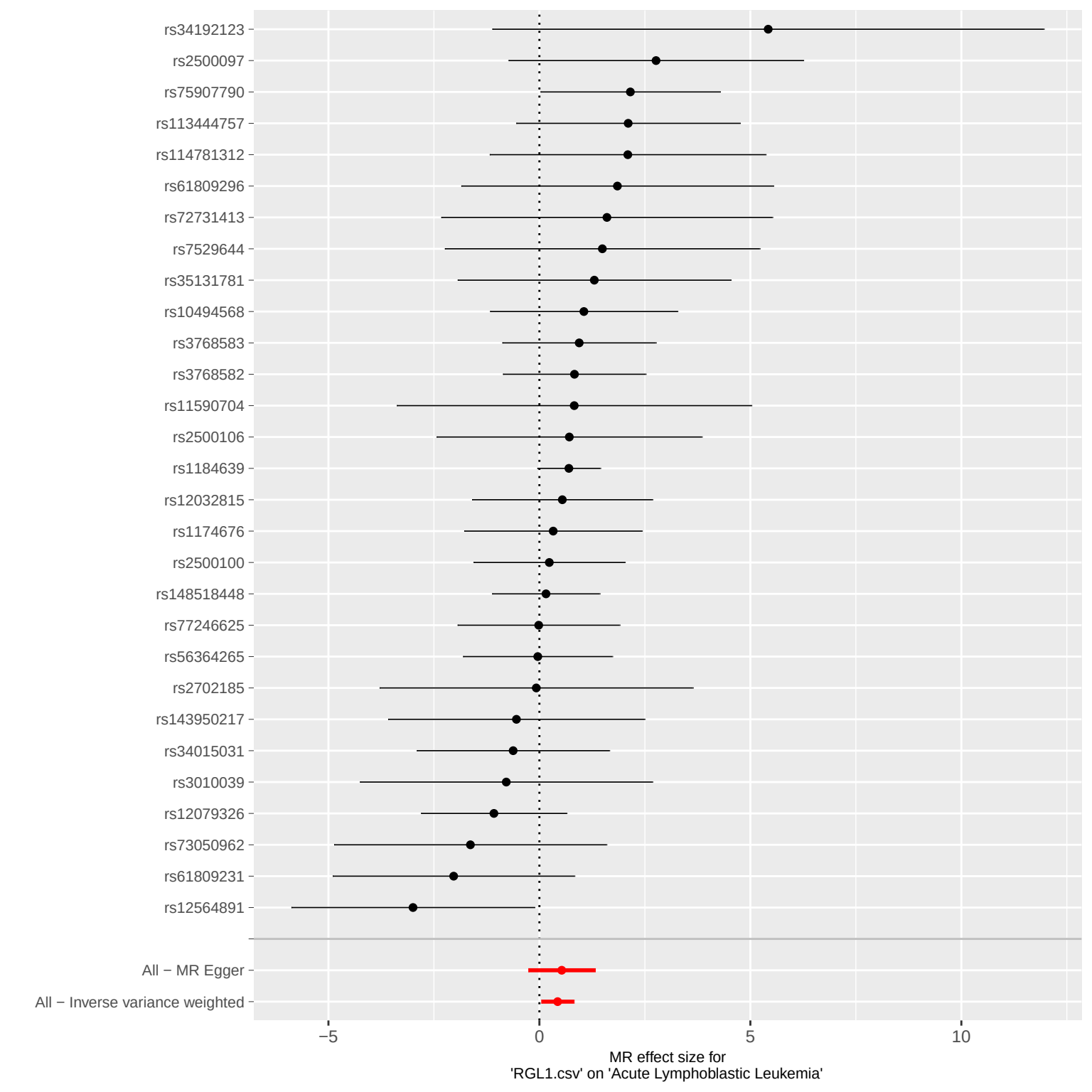
MR effect size for
'RFWD3.csv' on 'Acute Lymphoblastic Leukemia'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rs2702185
rs143950217
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rs3010039
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rs61809231
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All − MR Egger
All − Inverse variance weighted
−5
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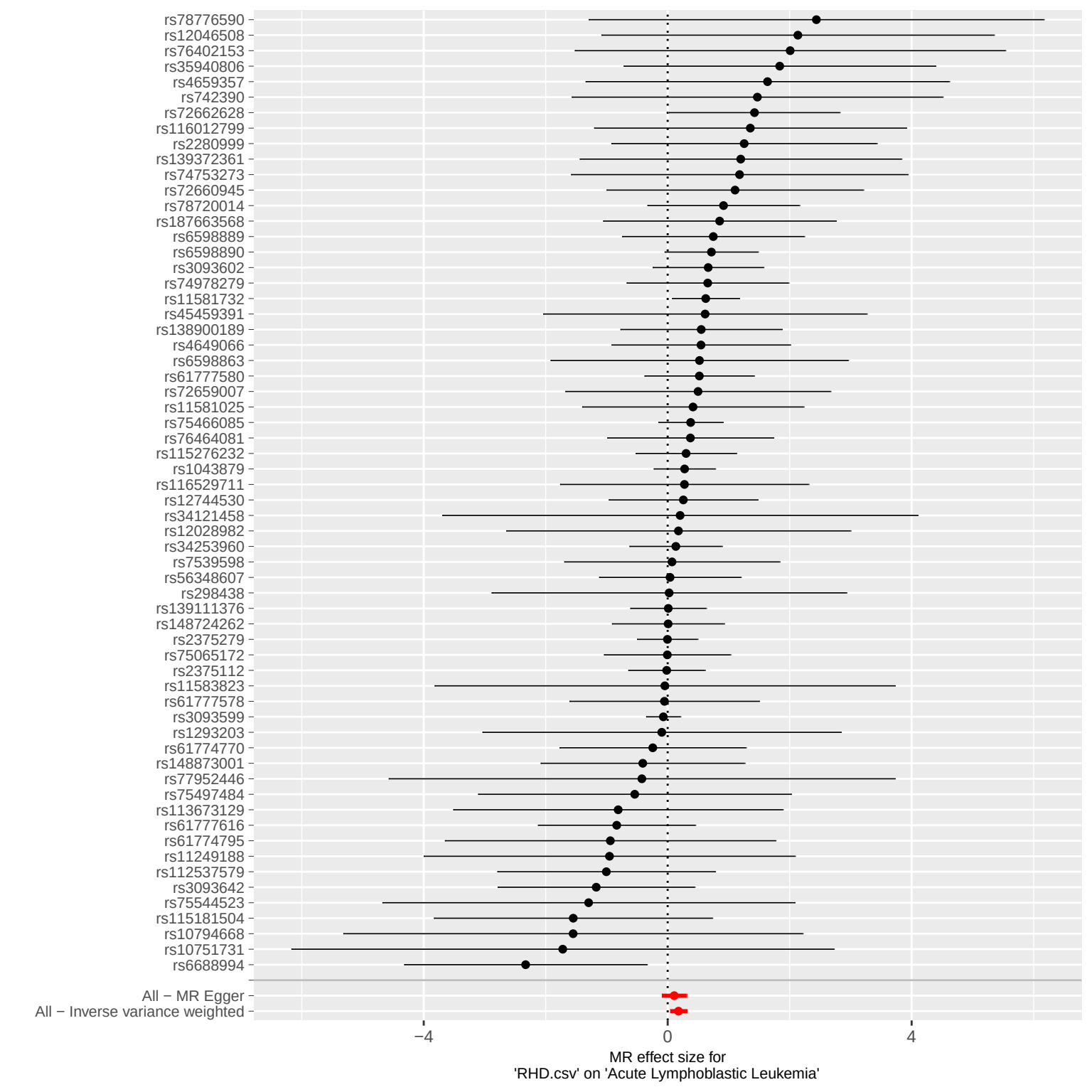
10
MR effect size for
'RGL1.csv' on 'Acute Lymphoblastic Leukemia'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rs3093642
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rs115181504
rs10794668
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All − MR Egger
All − Inverse variance weighted
−4
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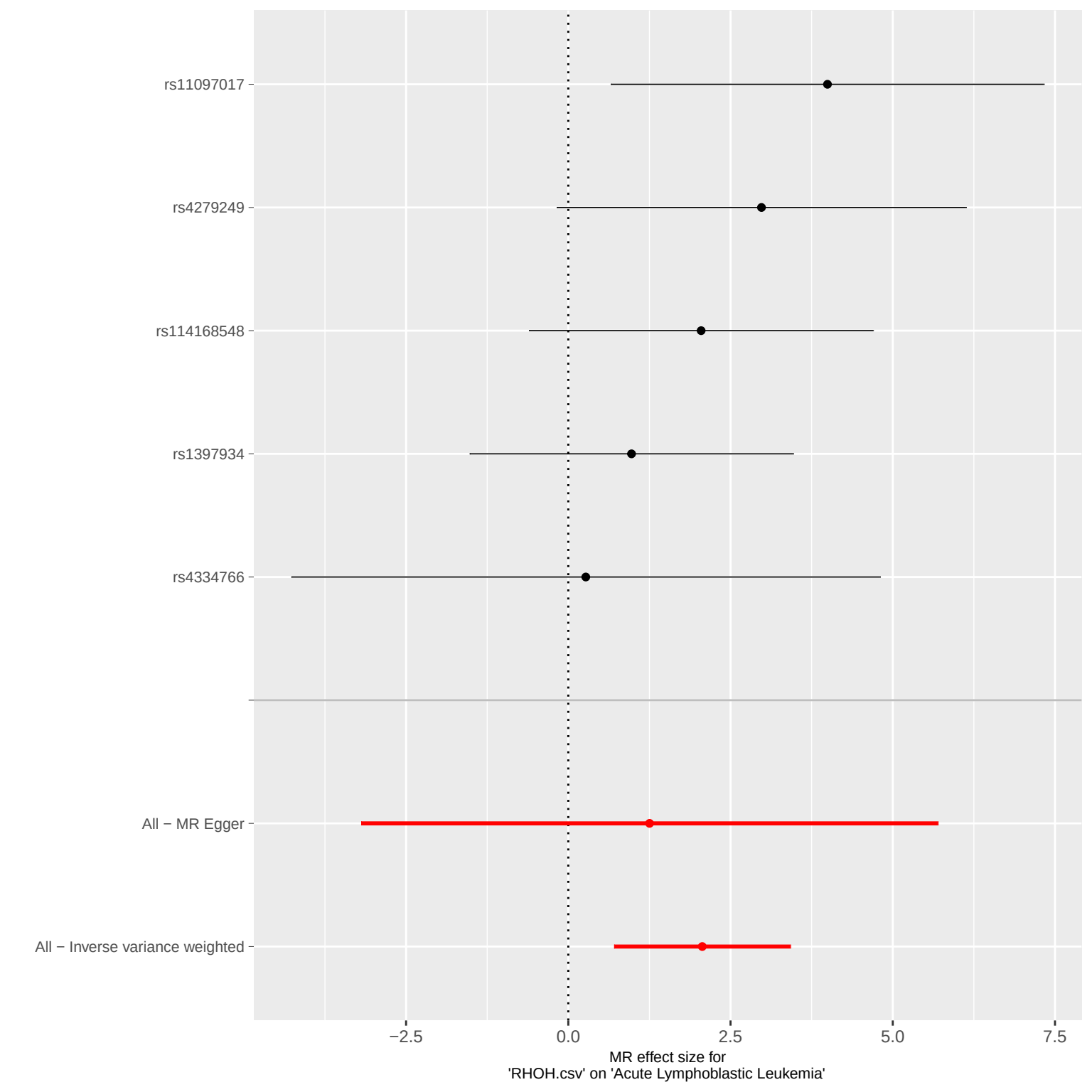
MR effect size for
'RHD.csv' on 'Acute Lymphoblastic Leukemia'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rs4279249
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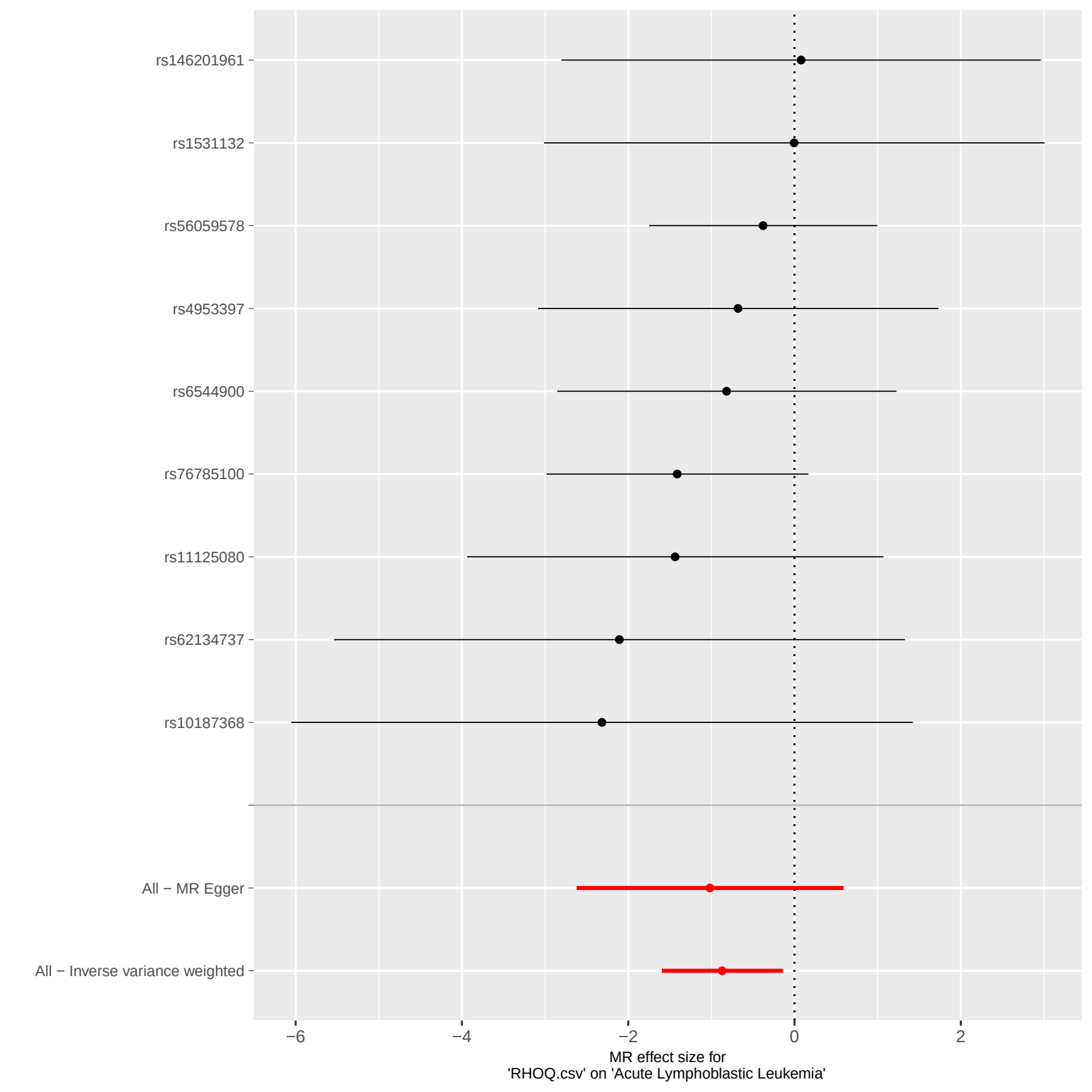
rs1397934
rs4334766
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'RHOH.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
−4
−2
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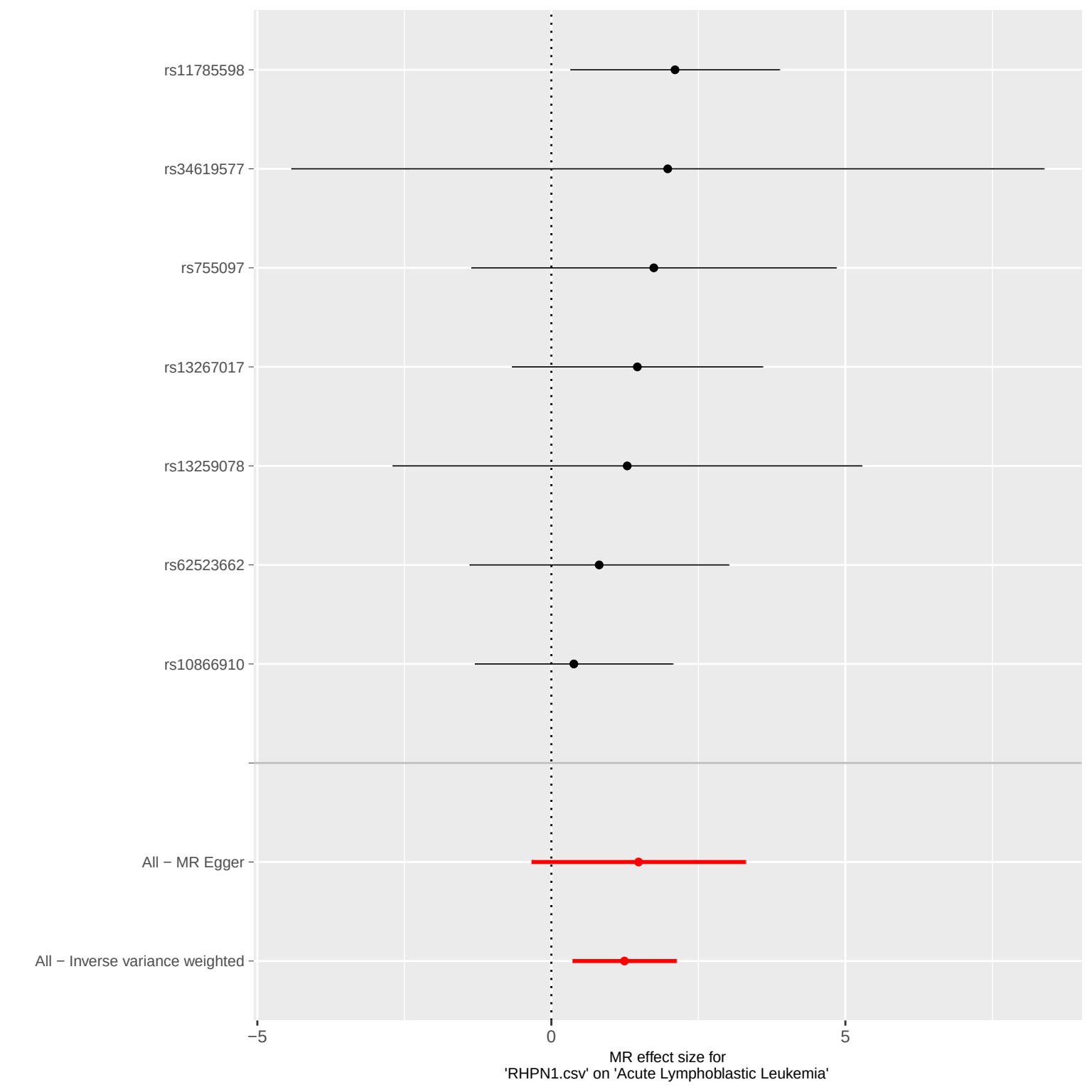
MR effect size for
'RHOQ.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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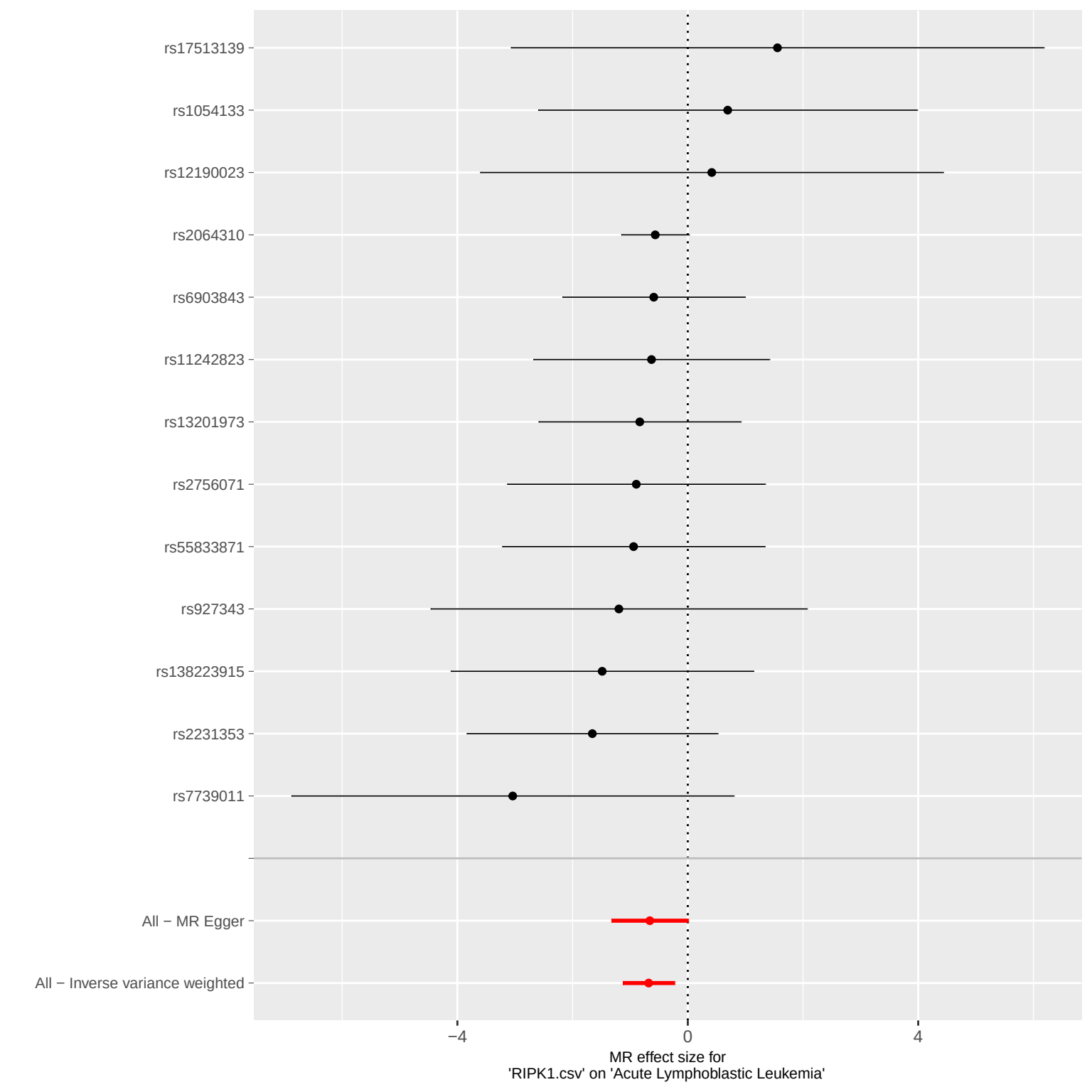
MR effect size for
'RHPN1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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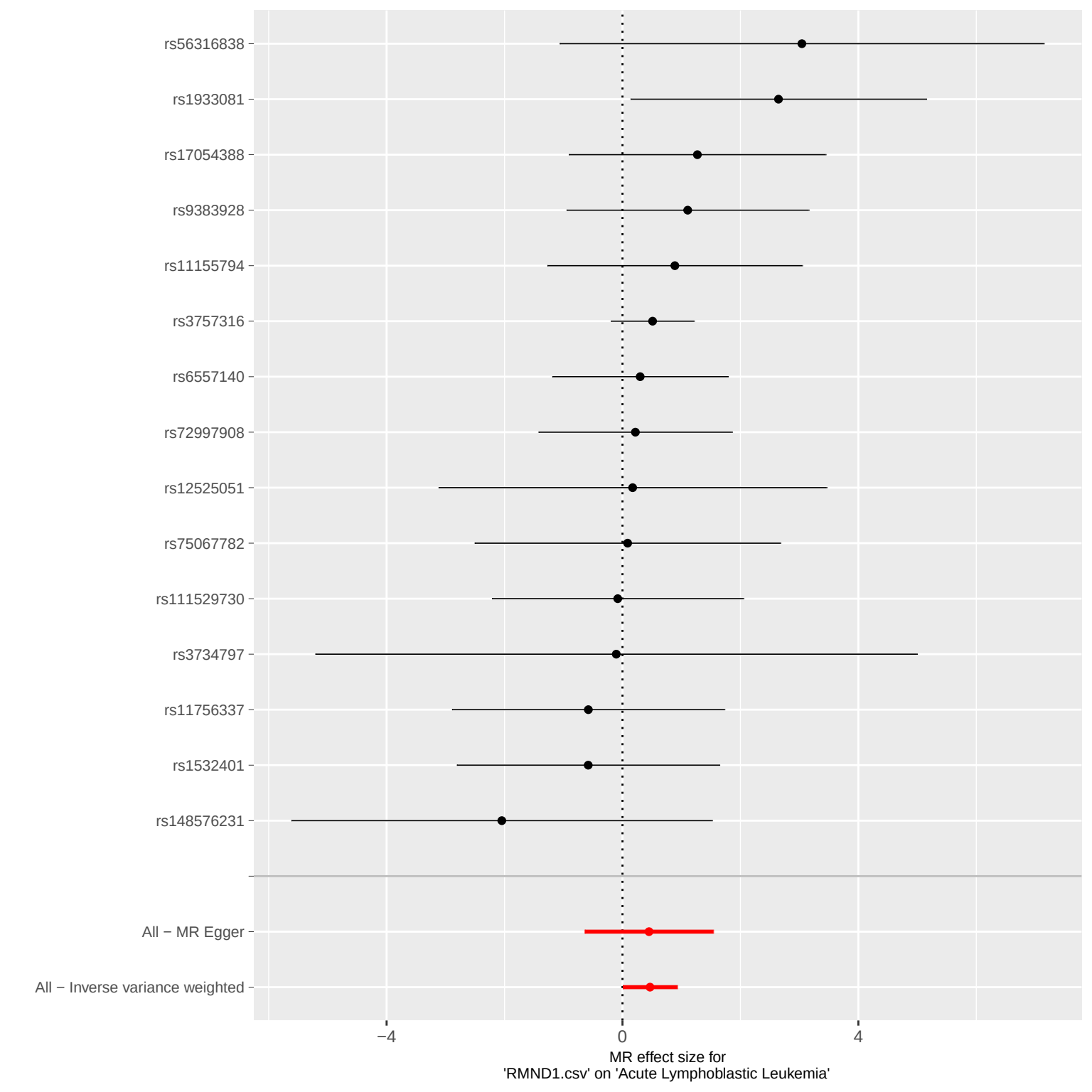
MR effect size for
'RIPK1.csv' on 'Acute Lymphoblastic Leukemia'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rs111529730
rs3734797
rs11756337
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All − MR Egger
All − Inverse variance weighted
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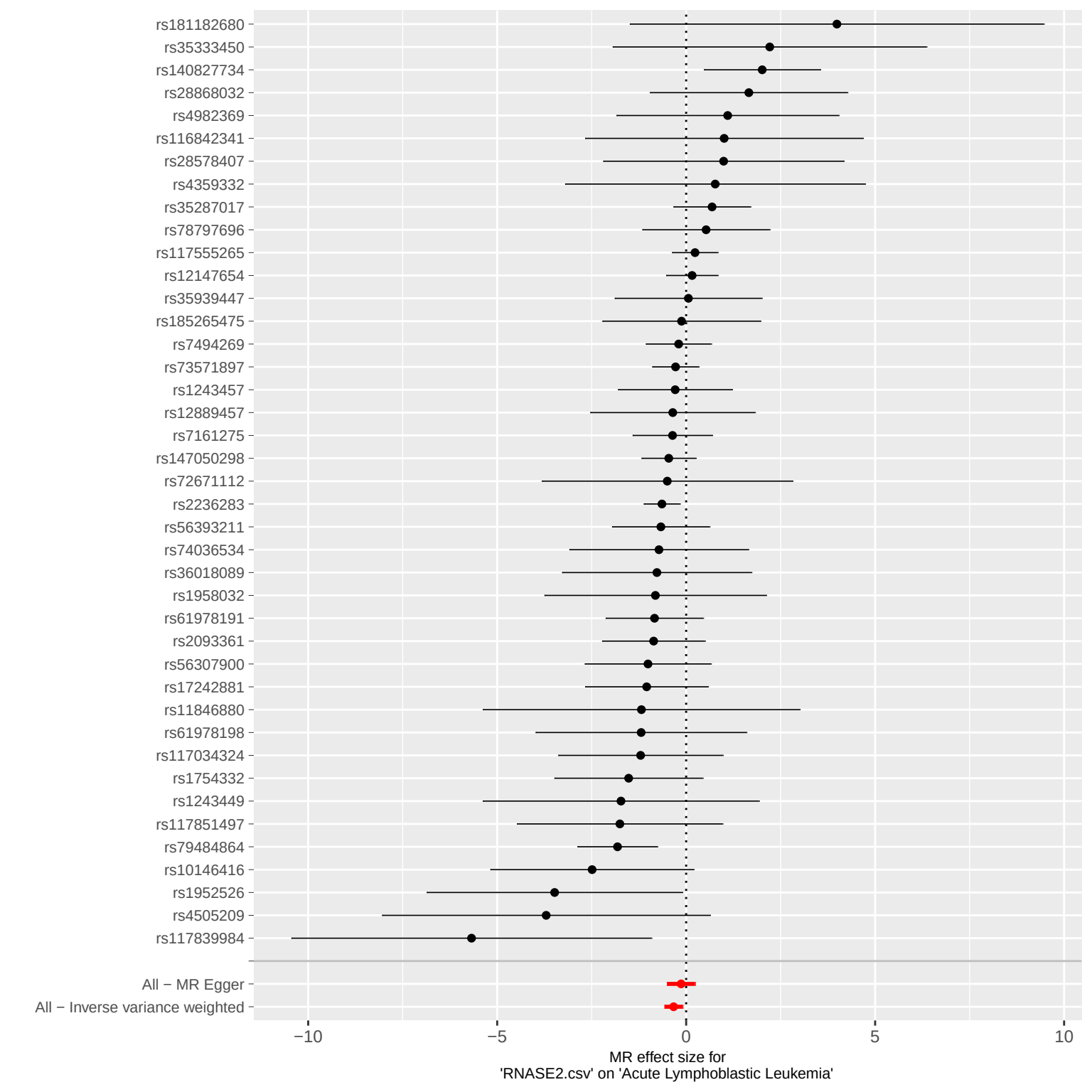
MR effect size for
'RMND1.csv' on 'Acute Lymphoblastic Leukemia'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rs117851497
rs79484864
rs10146416
rs1952526
rs4505209
rs117839984
All − MR Egger
All − Inverse variance weighted
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−5
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5
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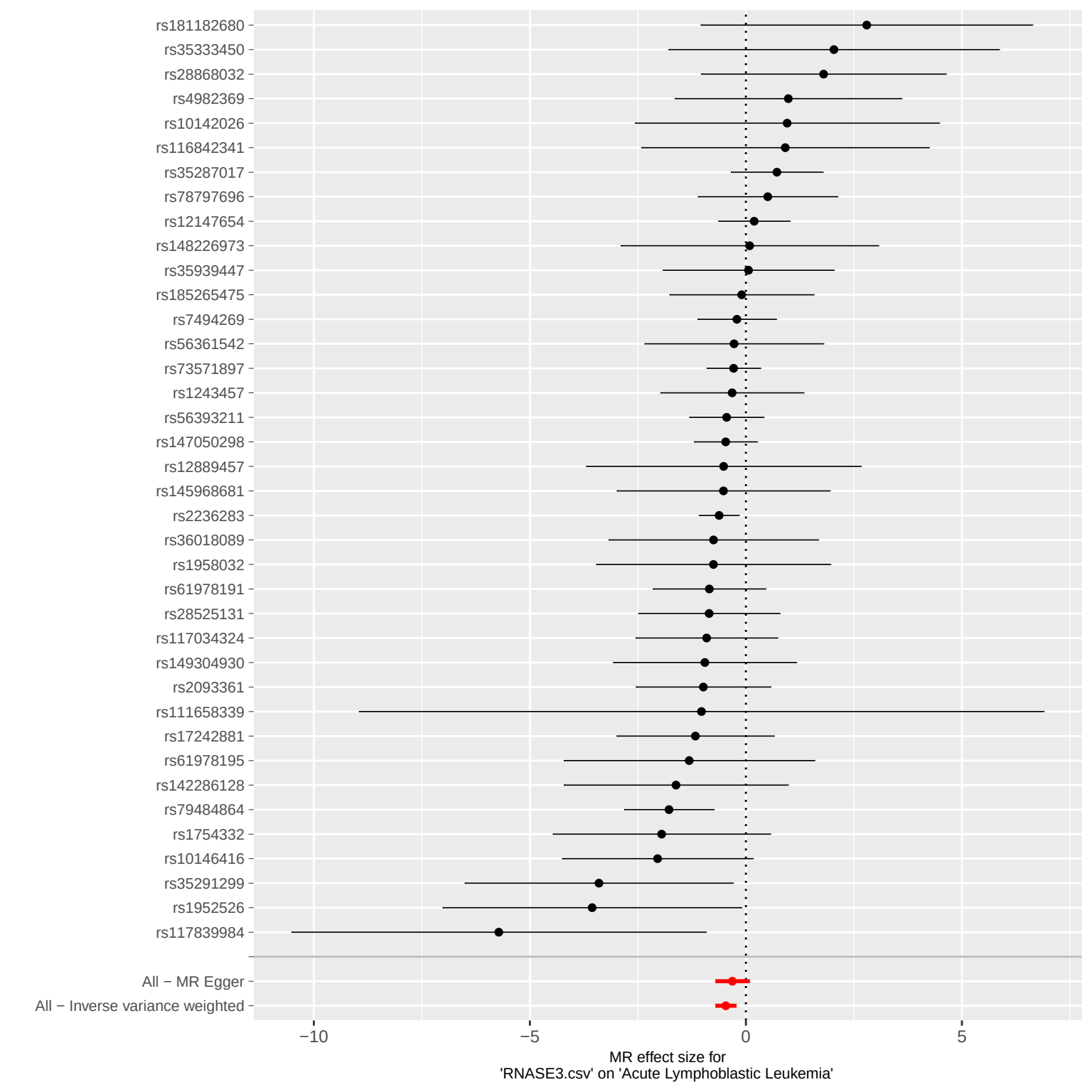
MR effect size for
'RNASE2.csv' on 'Acute Lymphoblastic Leukemia'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rs10146416
rs35291299
rs1952526
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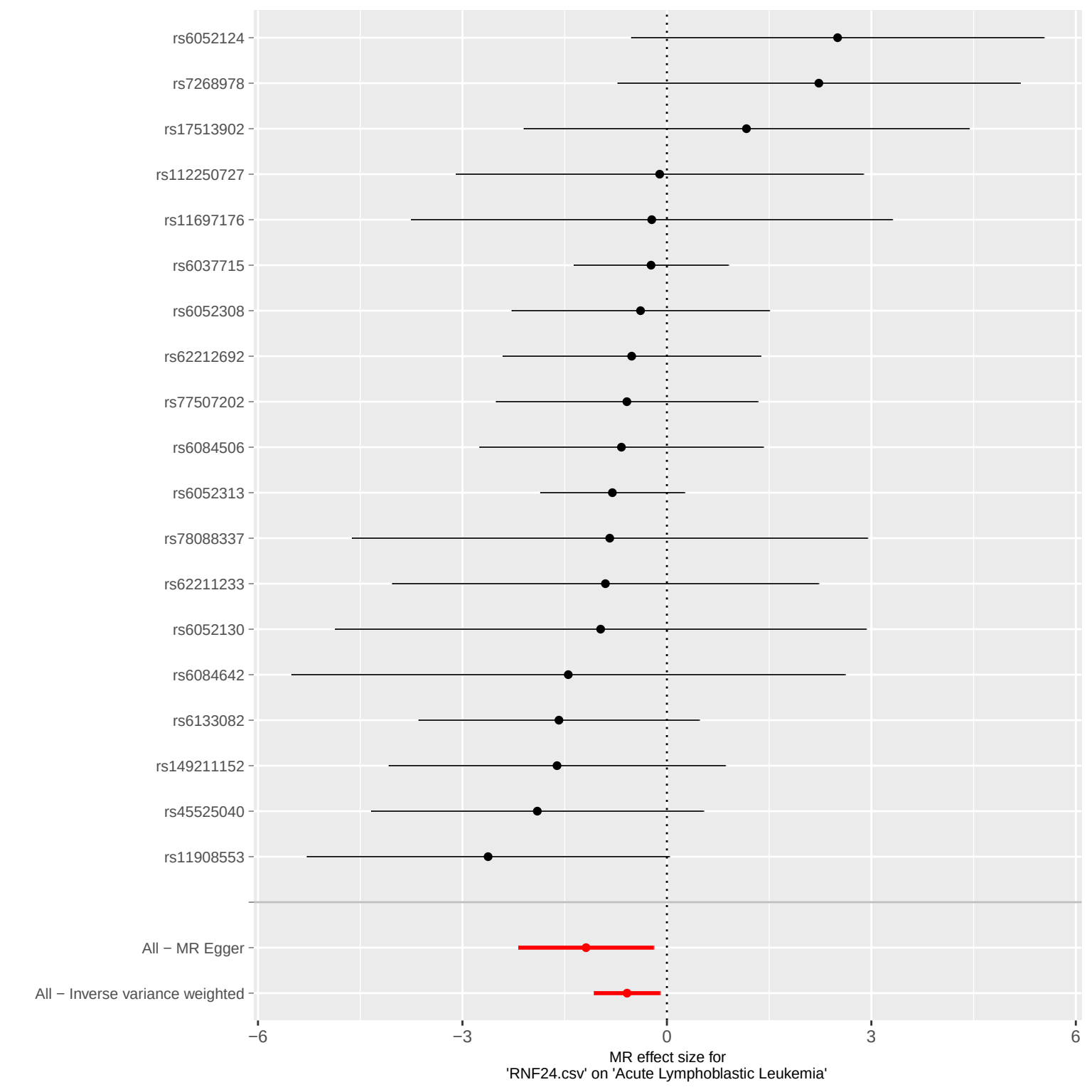
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'RNASE3.csv' on 'Acute Lymphoblastic Leukemia'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rs6052130
rs6084642
rs6133082
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rs45525040
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All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
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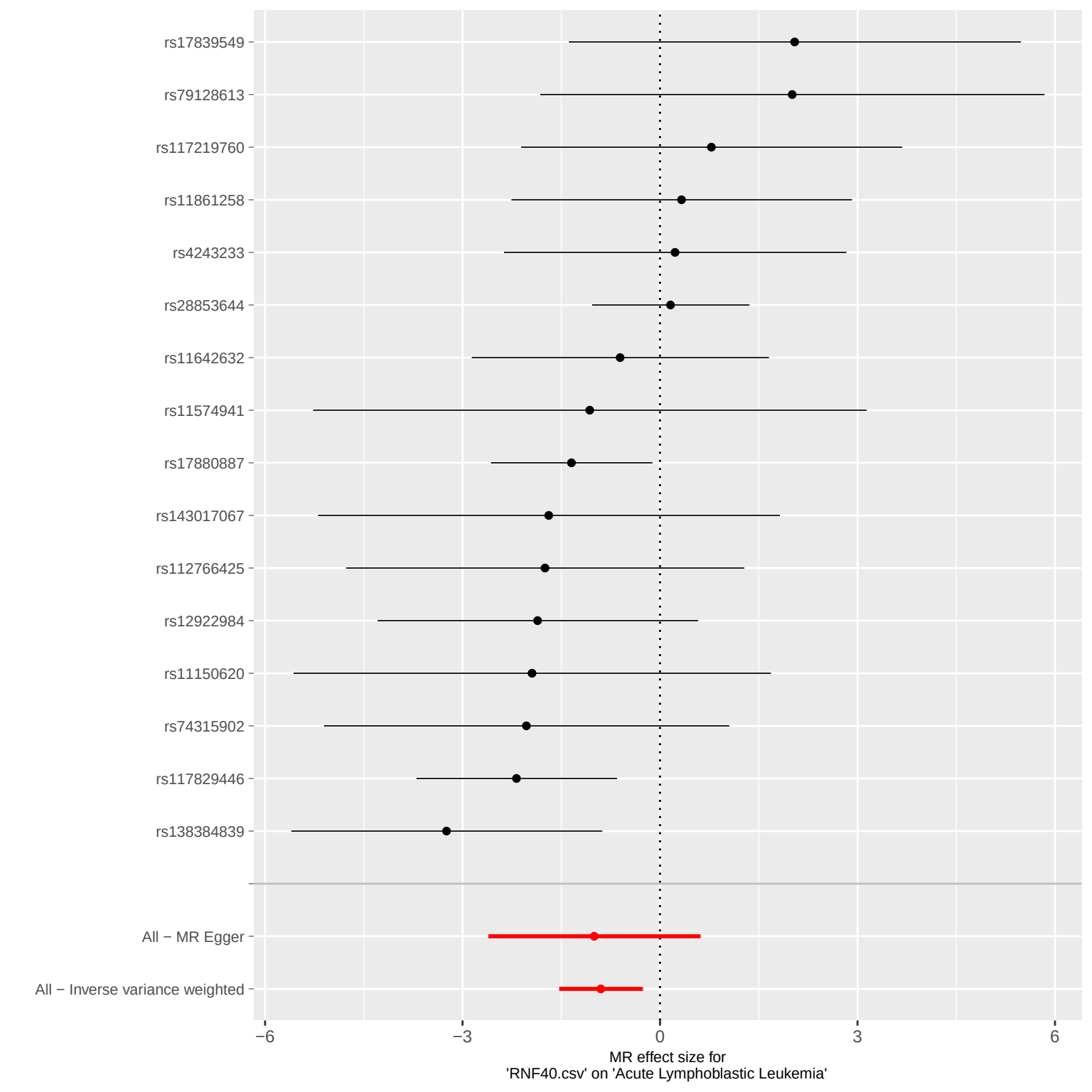
MR effect size for
'RNF24.csv' on 'Acute Lymphoblastic Leukemia'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rs112766425
rs12922984
rs11150620
rs74315902
rs117829446
rs138384839
All − MR Egger
All − Inverse variance weighted
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−3
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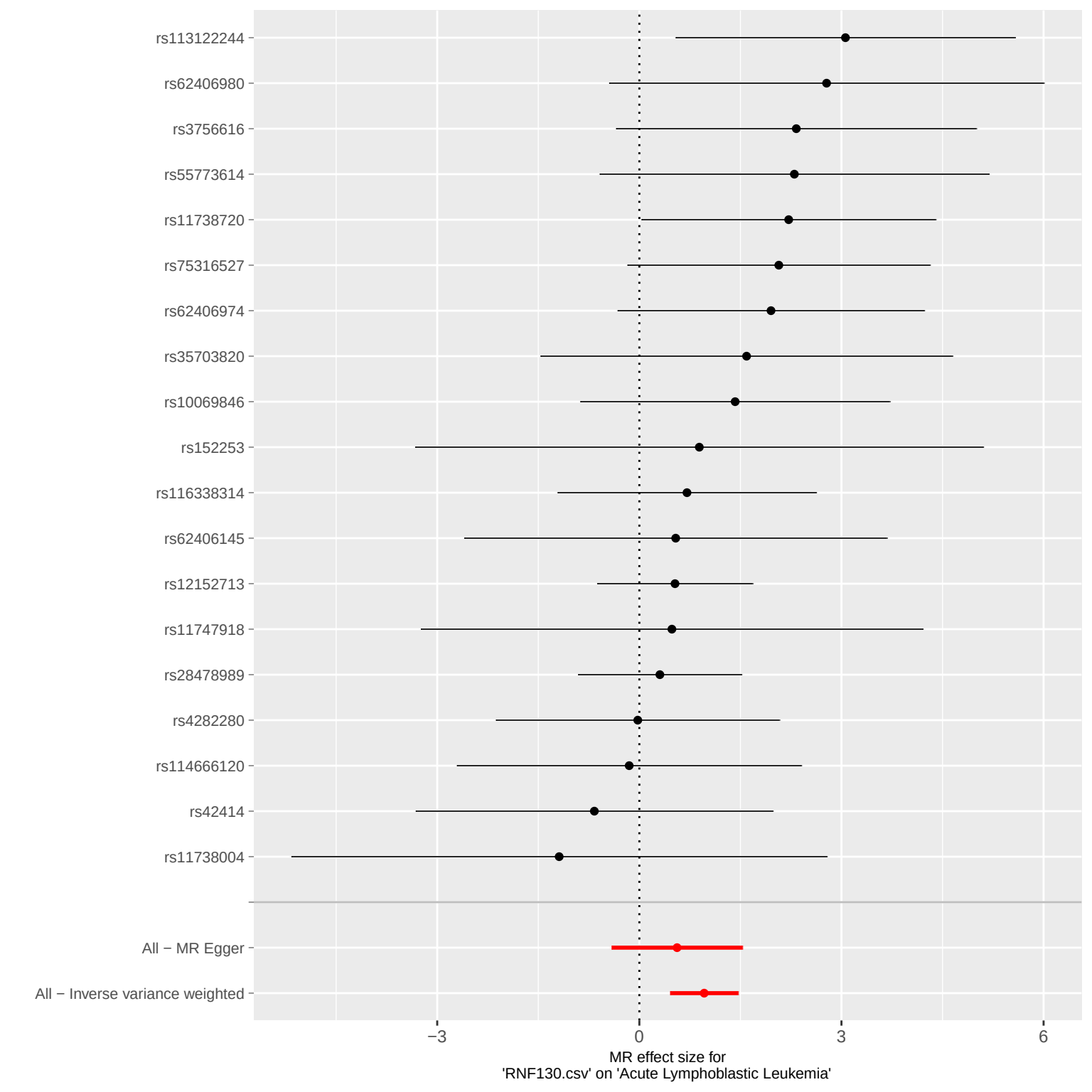
MR effect size for
'RNF40.csv' on 'Acute Lymphoblastic Leukemia'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rs4282280
rs114666120
rs42414
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All − MR Egger
All − Inverse variance weighted
−3
0
3
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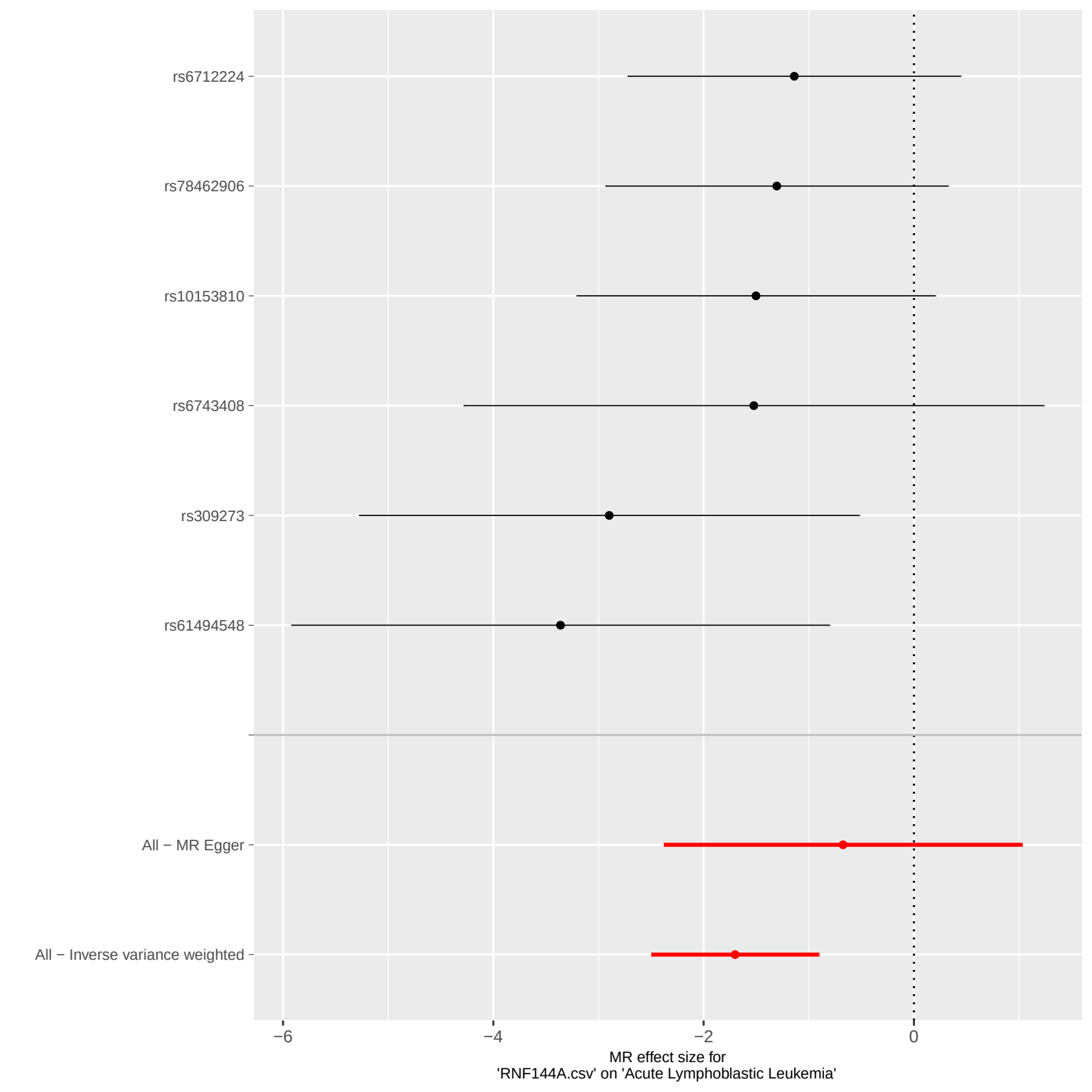
MR effect size for
'RNF130.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
−4
−2
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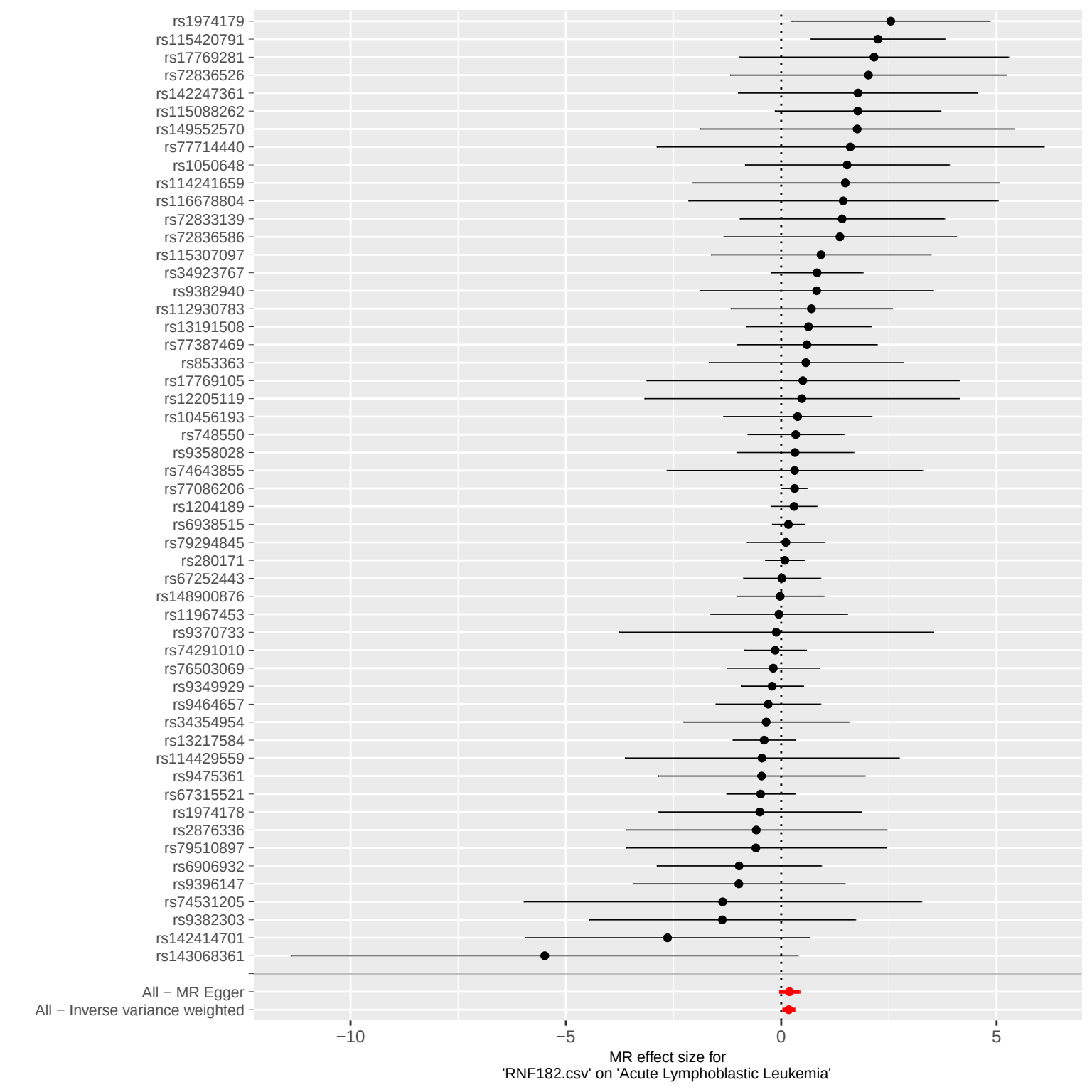
MR effect size for
'RNF144A.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−10
−5
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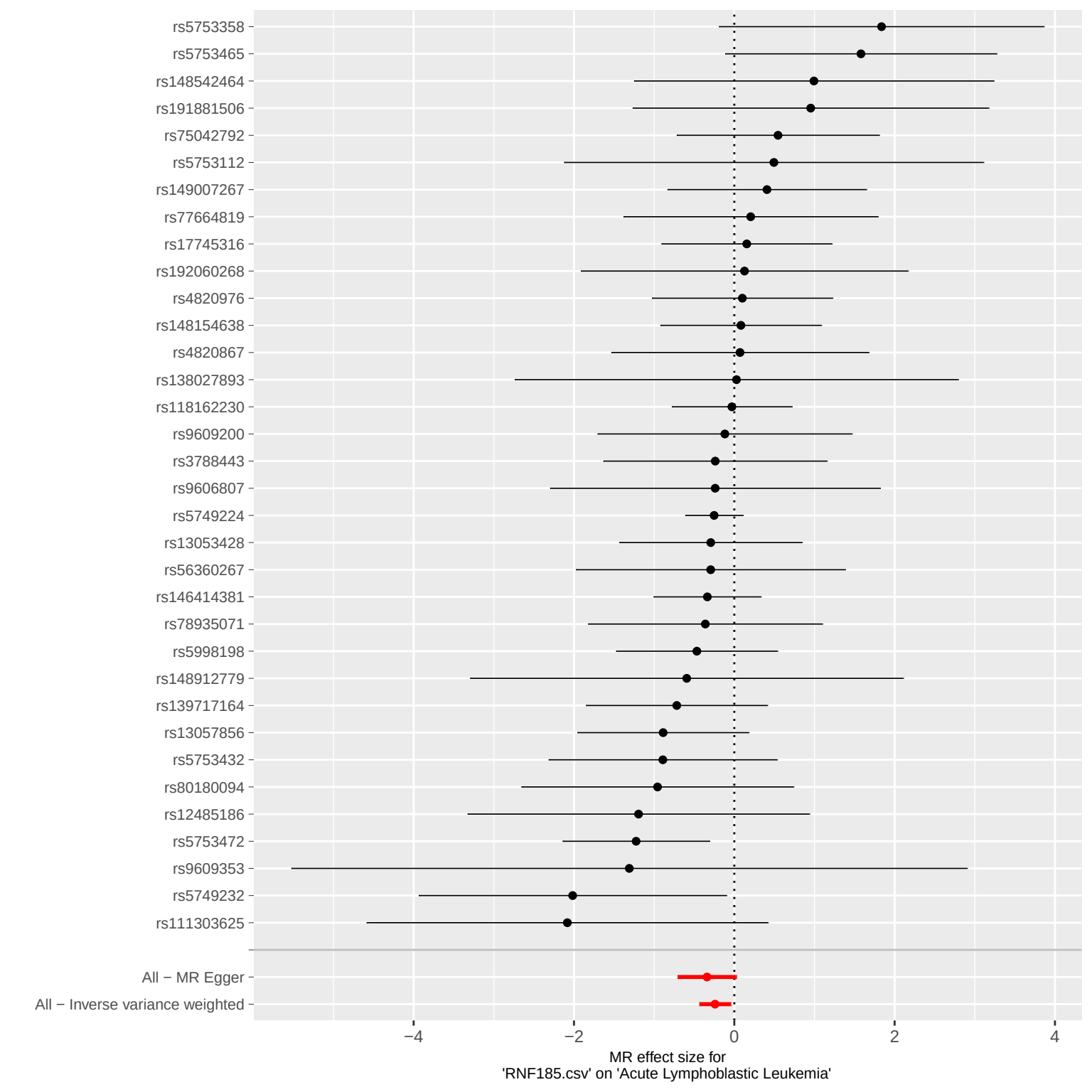
MR effect size for
'RNF182.csv' on 'Acute Lymphoblastic Leukemia'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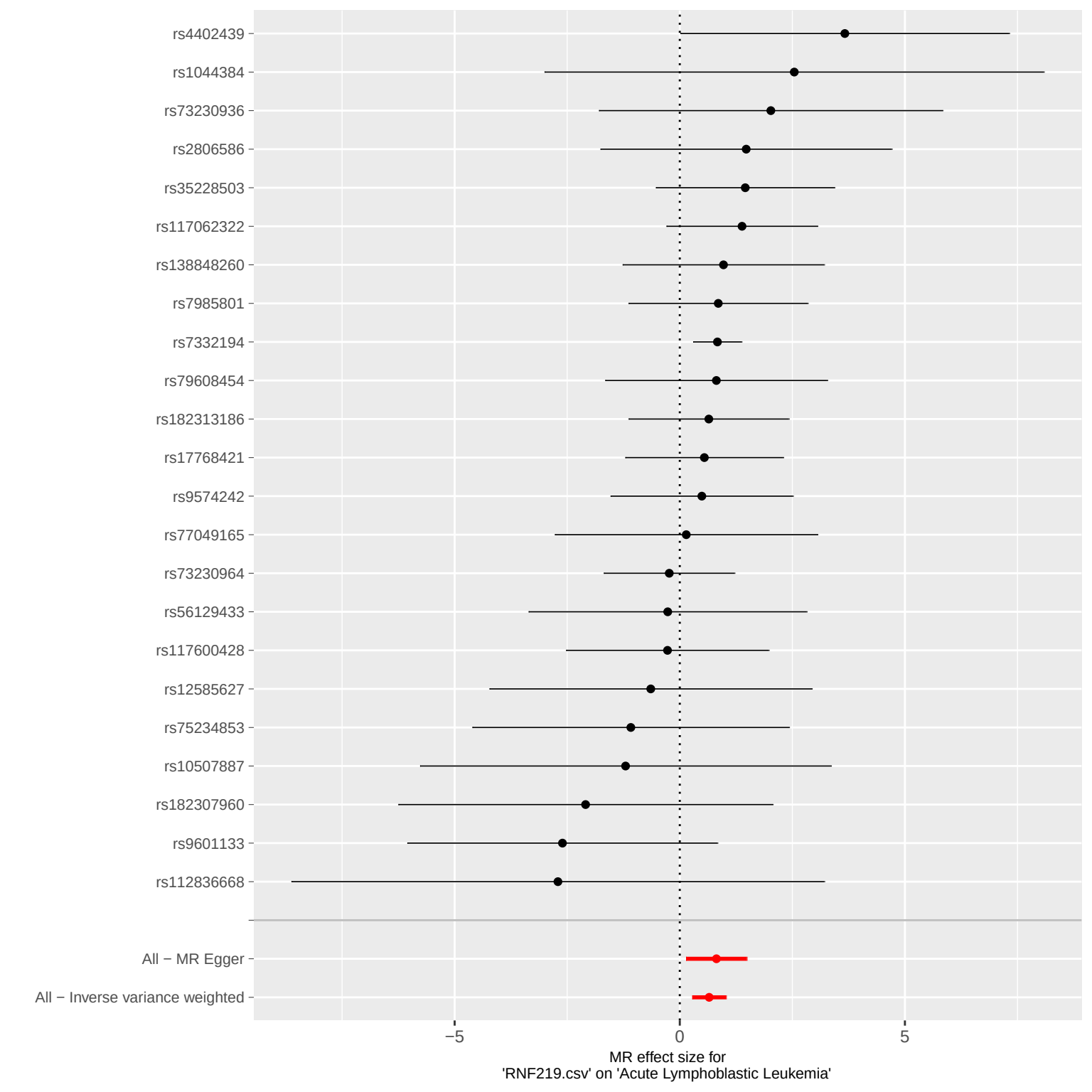
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'RNF185.csv' on 'Acute Lymphoblastic Leukemia'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rs12585627
rs75234853
rs10507887
rs182307960
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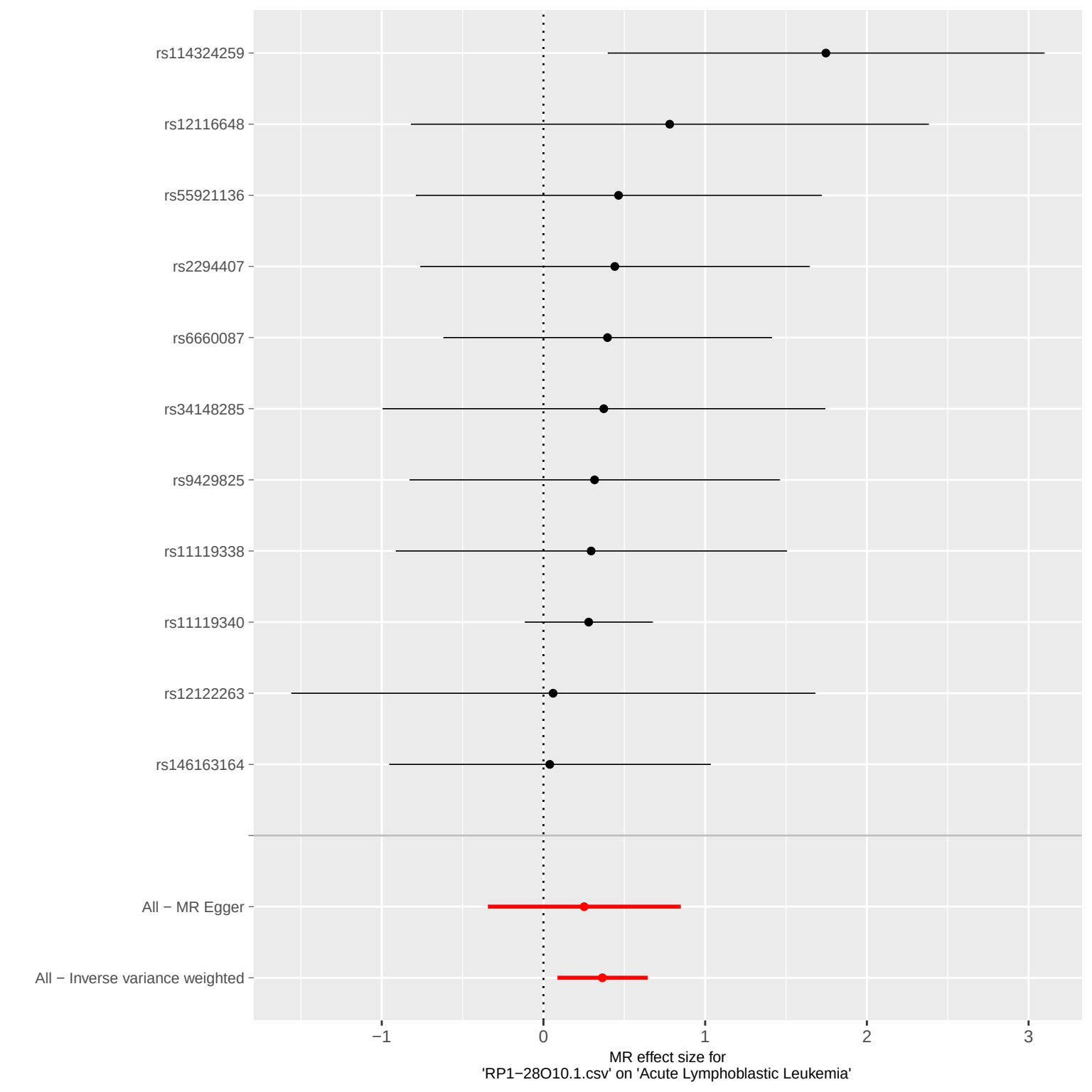
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'RNF219.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−1
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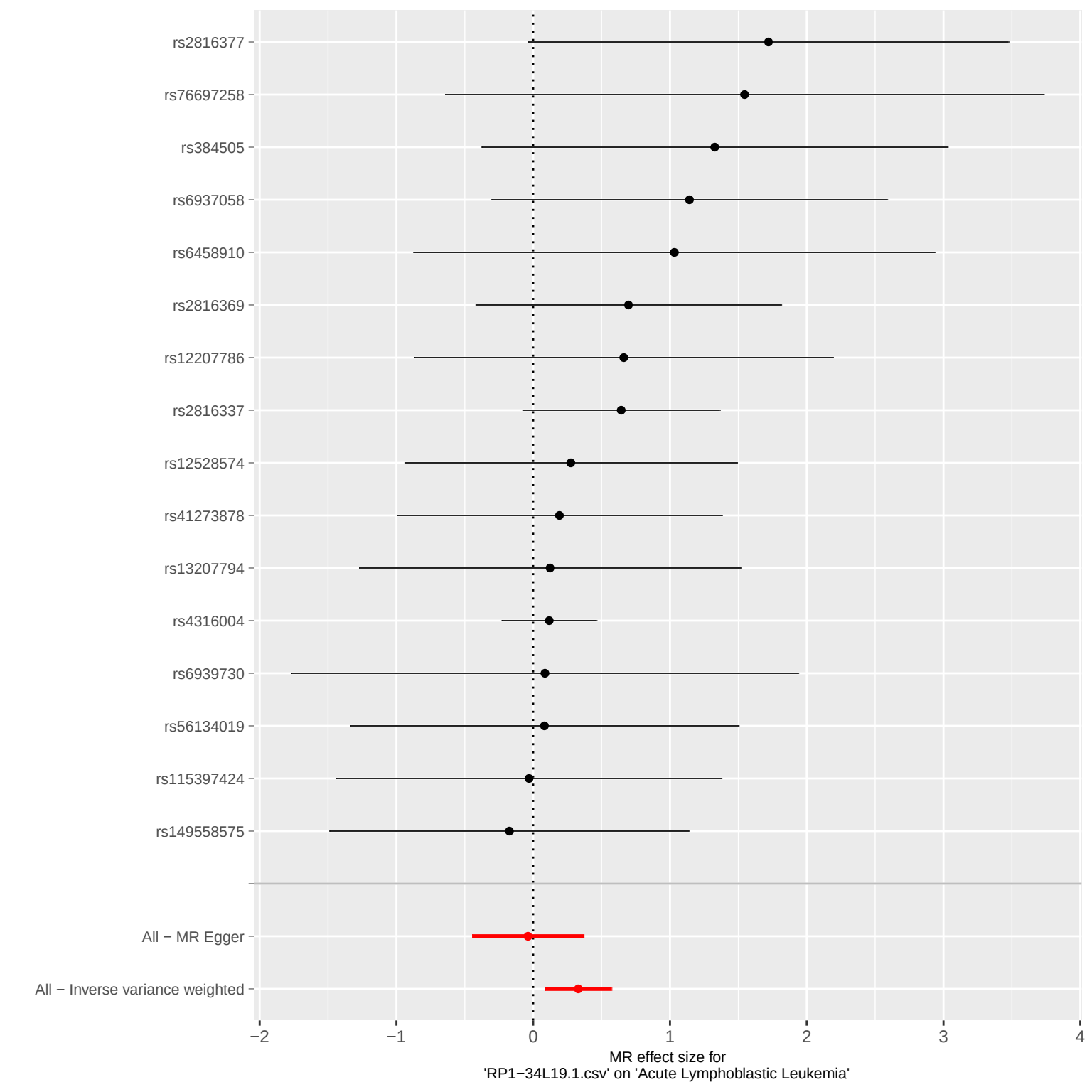
1
2
3
MR effect size for
'RP1−28O10.1.csv' on 'Acute Lymphoblastic Leukemia'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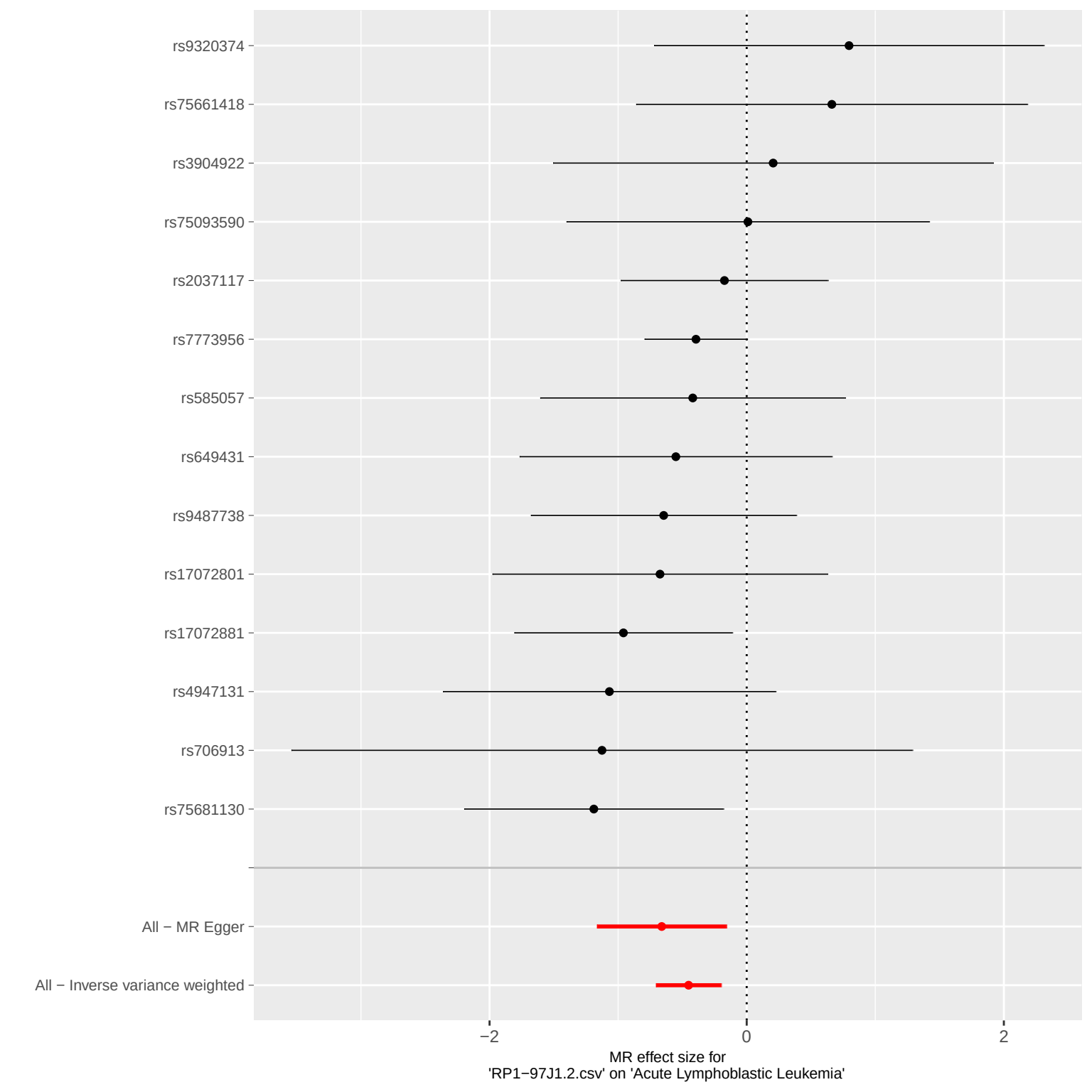
rs56134019
rs115397424
rs149558575
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
4
MR effect size for
'RP1−34L19.1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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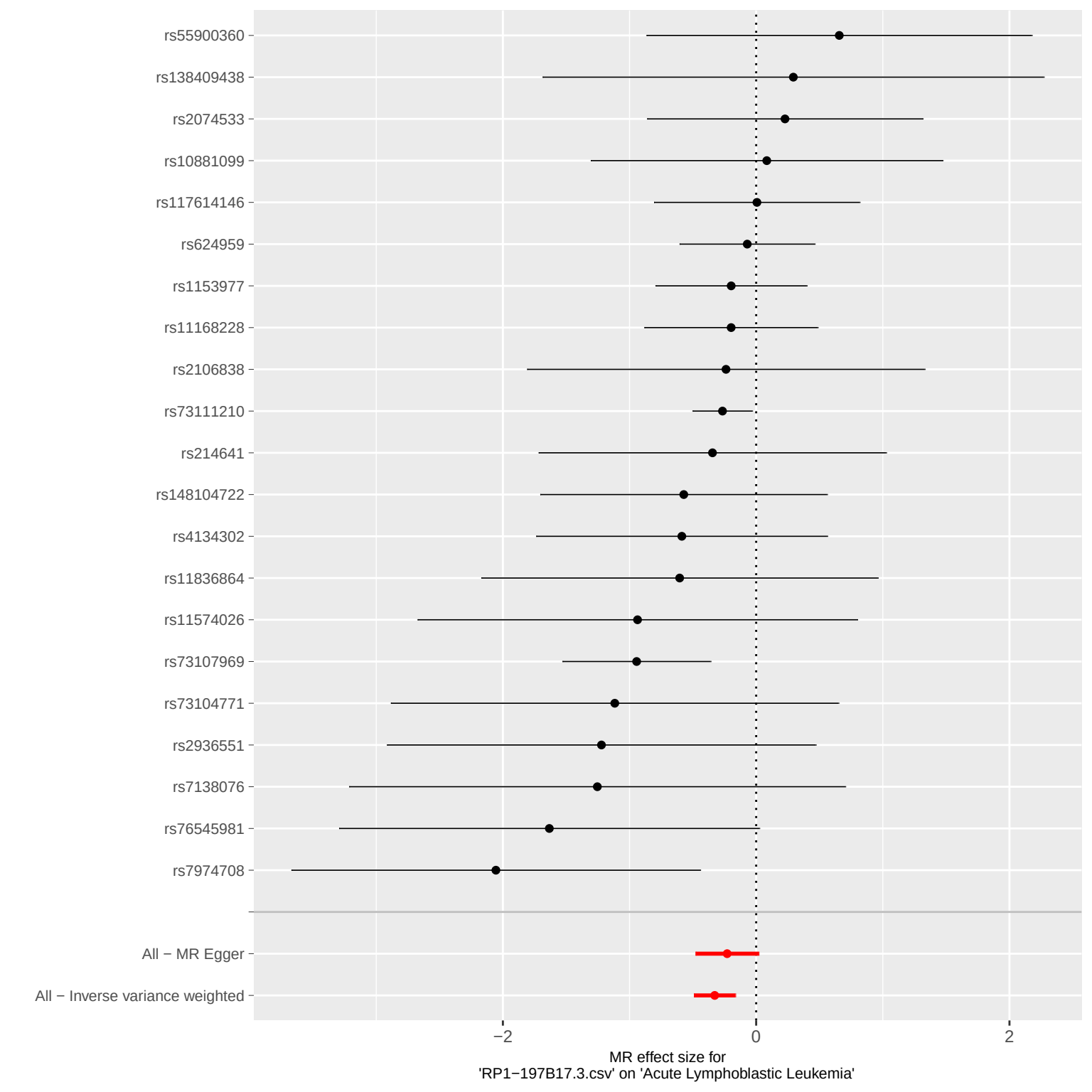
2
MR effect size for
'RP1−97J1.2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−2
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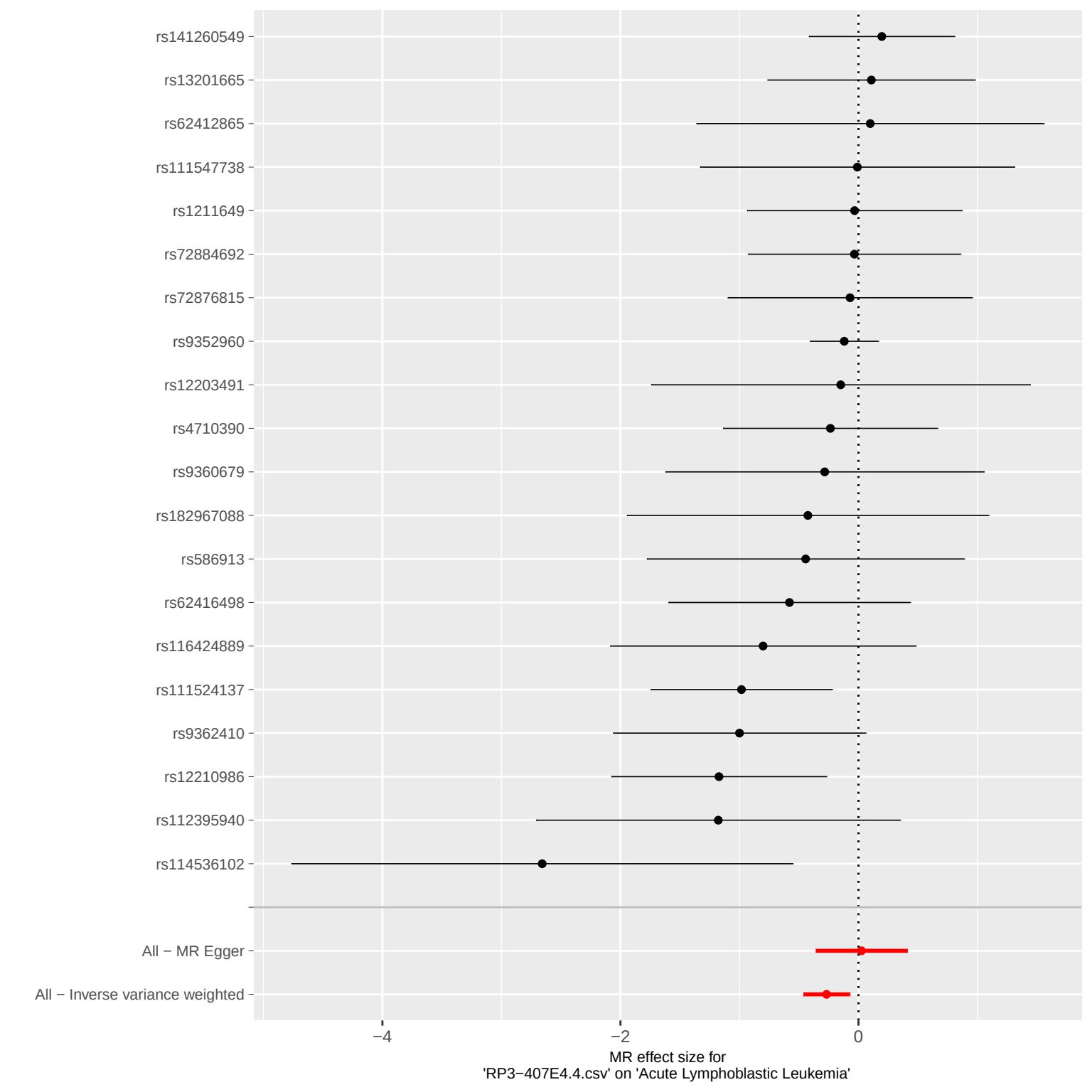
MR effect size for
'RP1−197B17.3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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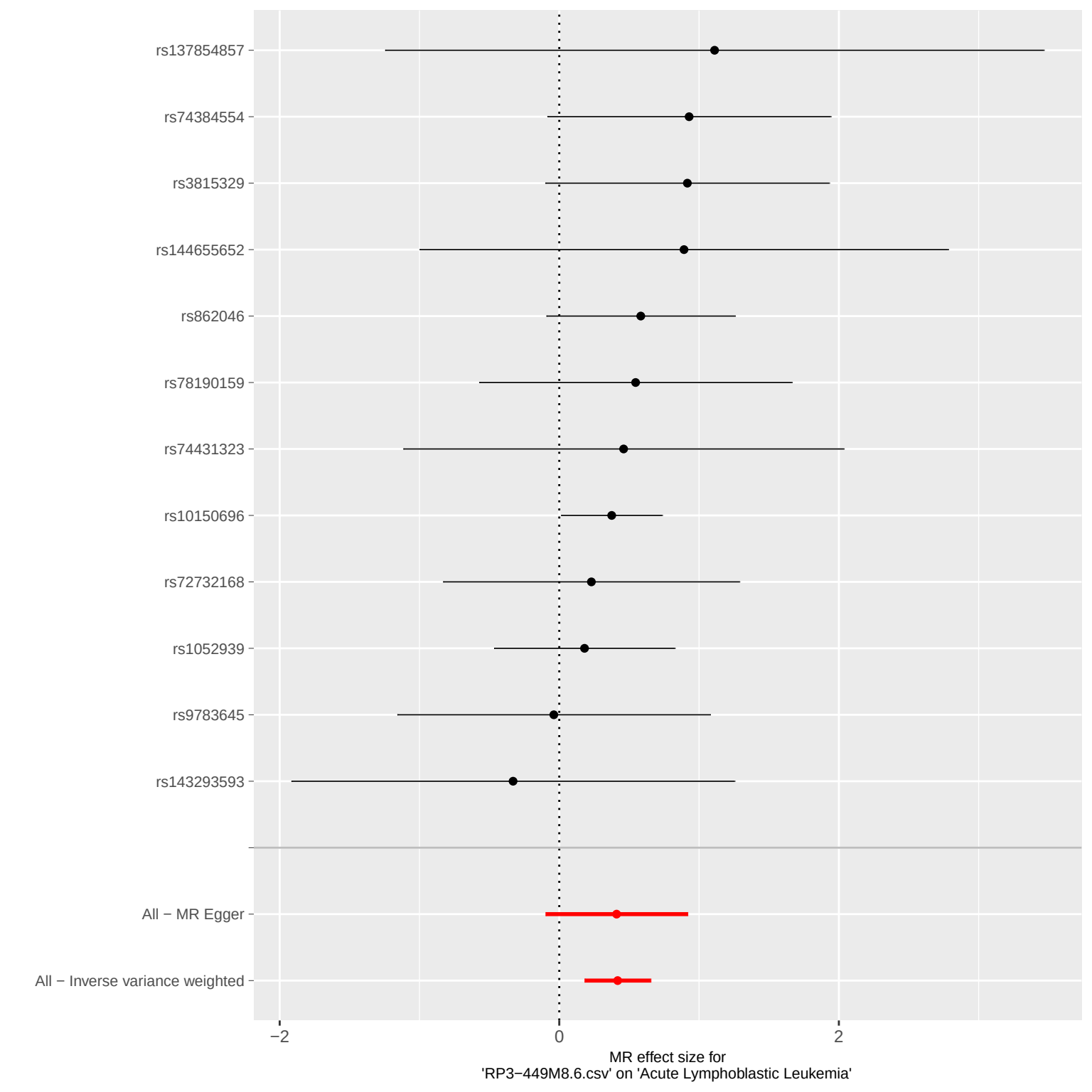
MR effect size for
'RP3−407E4.4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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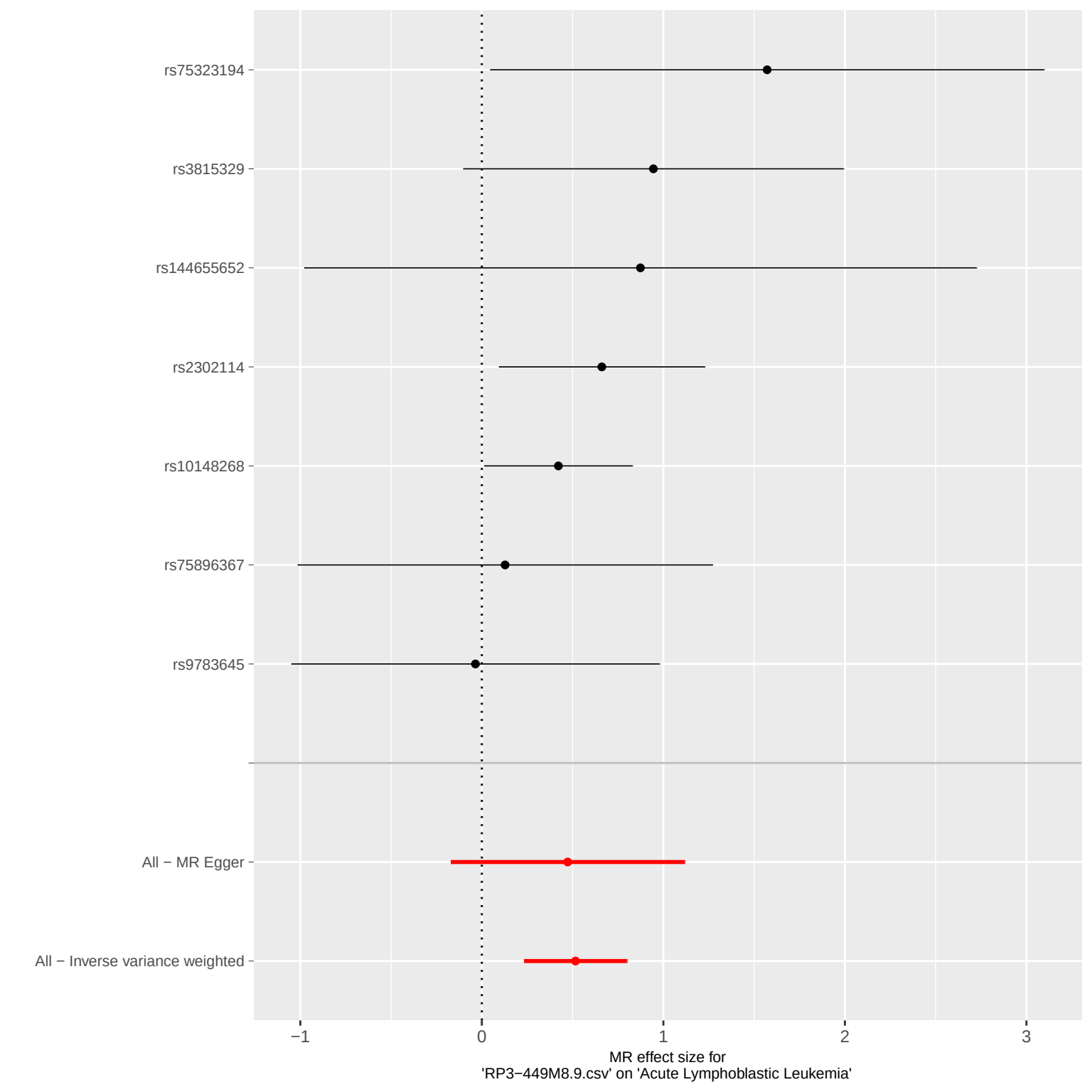
2
MR effect size for
'RP3−449M8.6.csv' on 'Acute Lymphoblastic Leukemia'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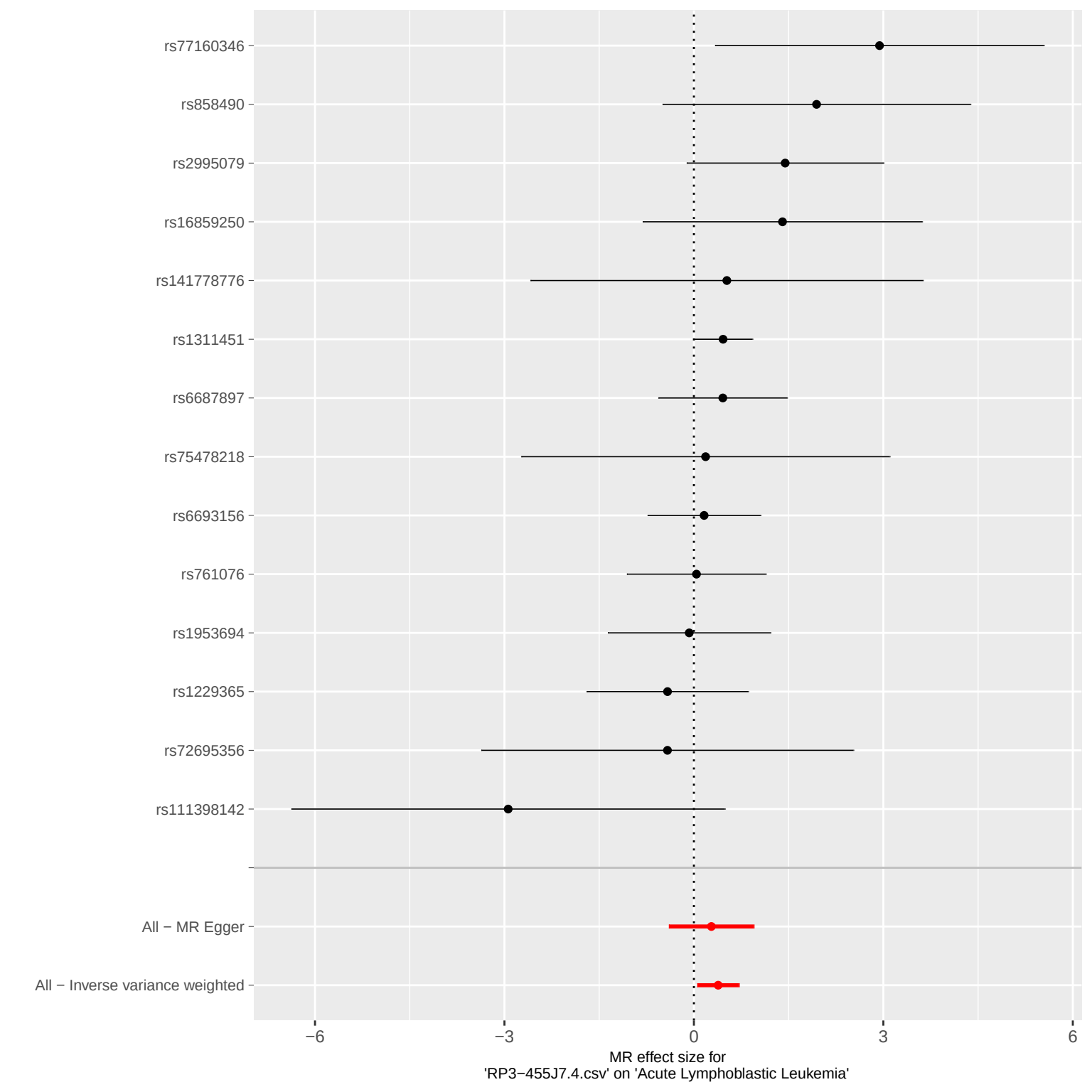
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'RP3−449M8.9.csv' on 'Acute Lymphoblastic Leukemia'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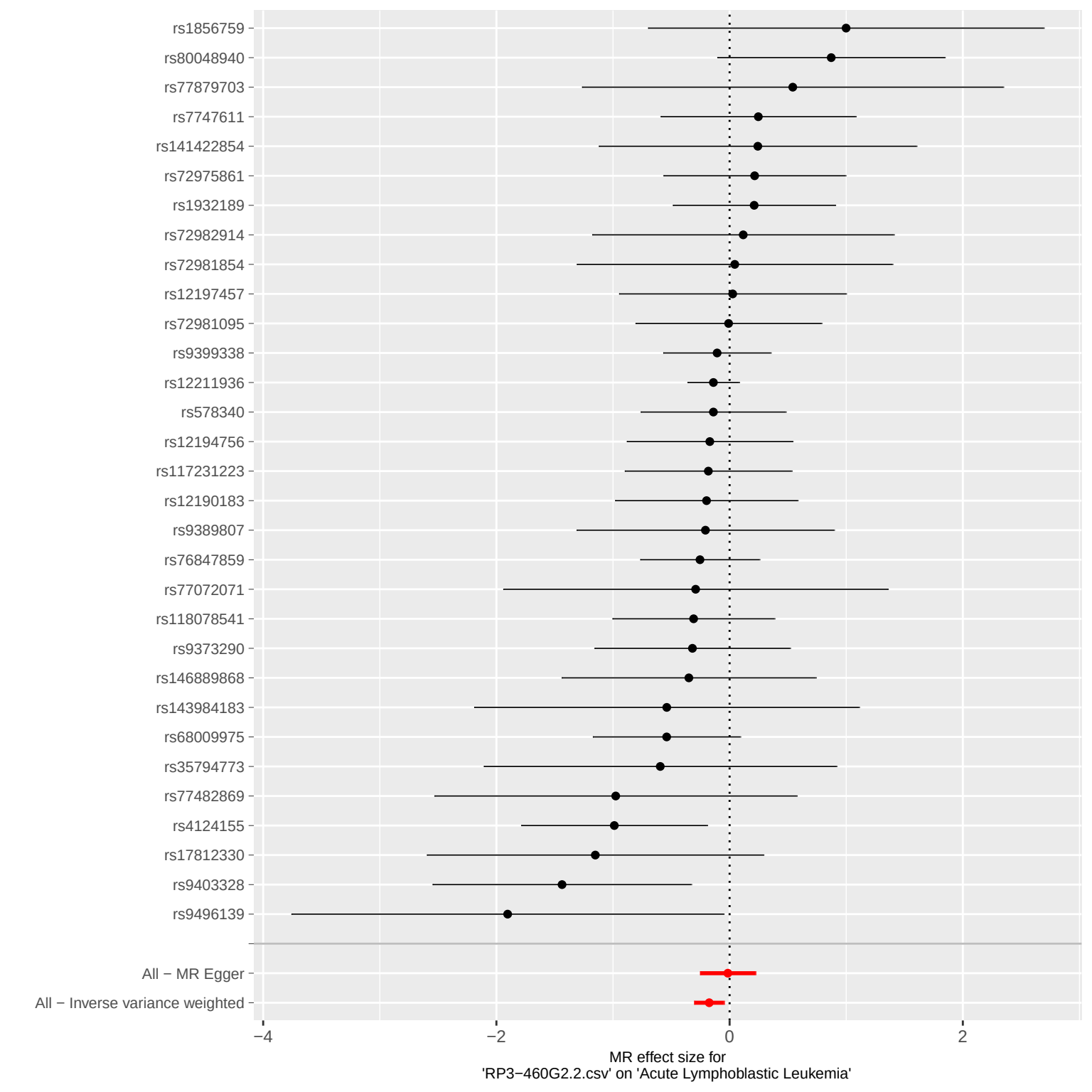
rs761076
rs1953694
rs1229365
rs72695356
rs111398142
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'RP3−455J7.4.csv' on 'Acute Lymphoblastic Leukemia'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rs76847859
rs77072071
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rs9373290
rs146889868
rs143984183
rs68009975
rs35794773
rs77482869
rs4124155
rs17812330
rs9403328
rs9496139
All − MR Egger
All − Inverse variance weighted
−4
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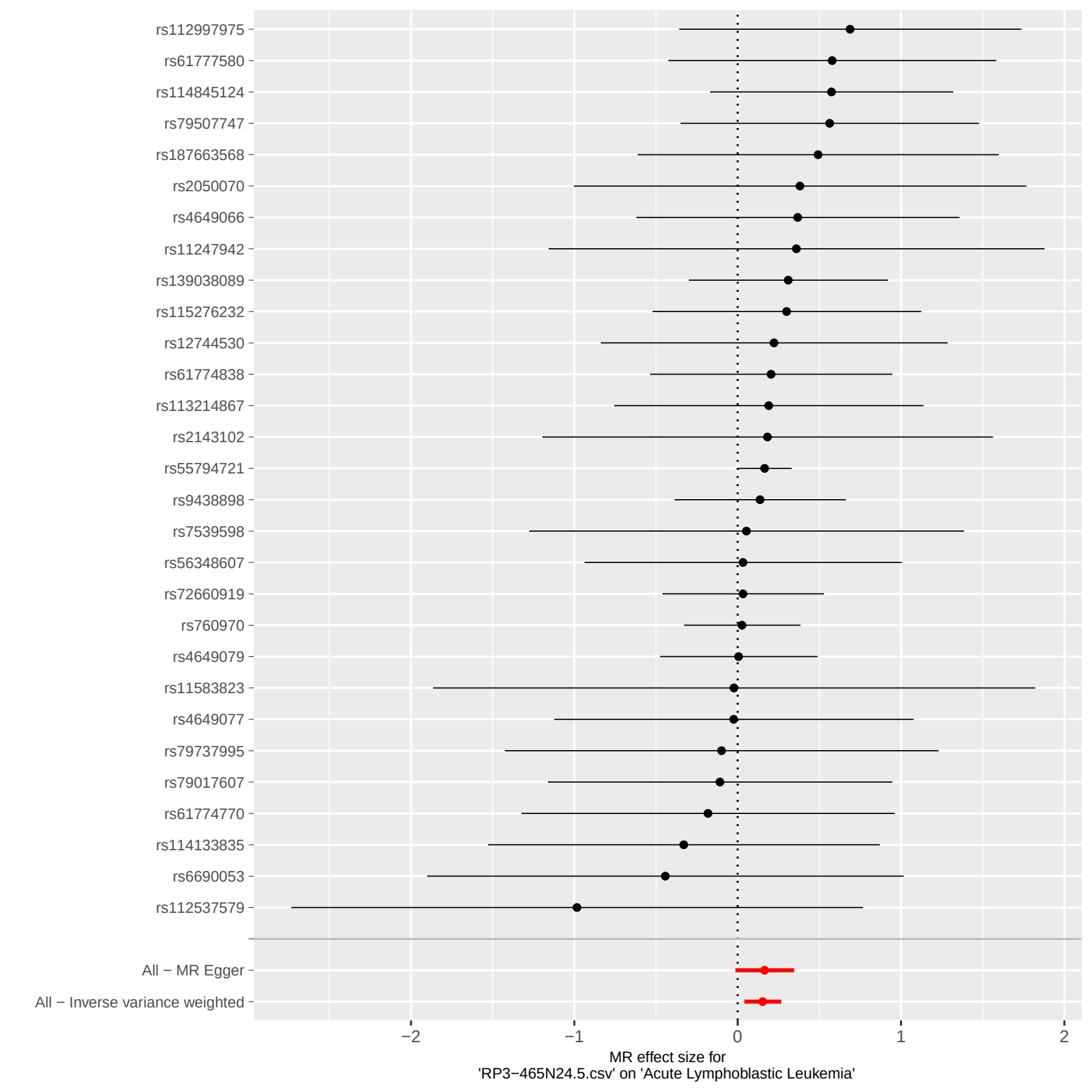
2
MR effect size for
'RP3−460G2.2.csv' on 'Acute Lymphoblastic Leukemia'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rs760970
rs4649079
rs11583823
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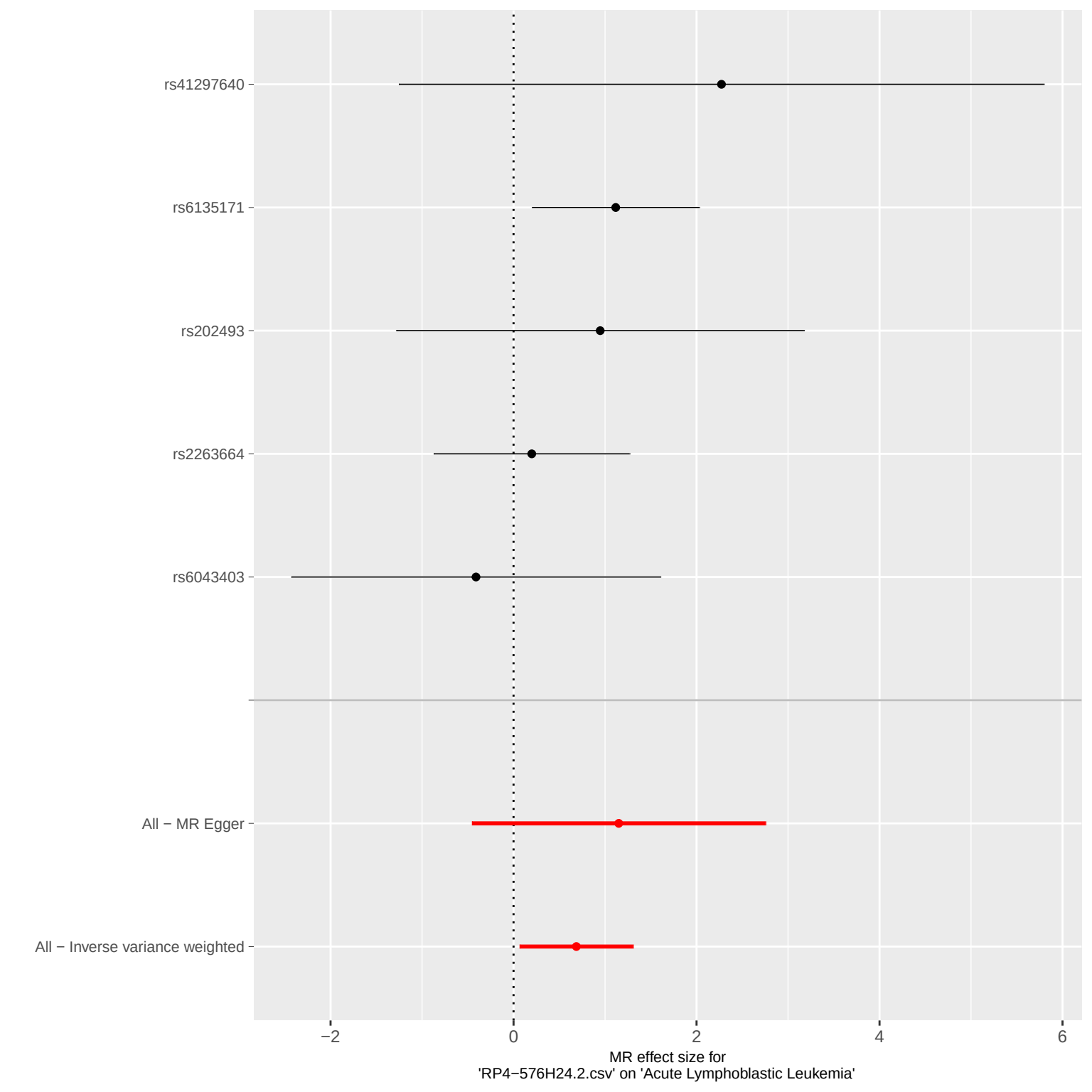
rs79737995
rs79017607
rs61774770
rs114133835
rs6690053
rs112537579
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RP3−465N24.5.csv' on 'Acute Lymphoblastic Leukemia'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rs6135171
rs202493
rs2263664
rs6043403
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All − Inverse variance weighted
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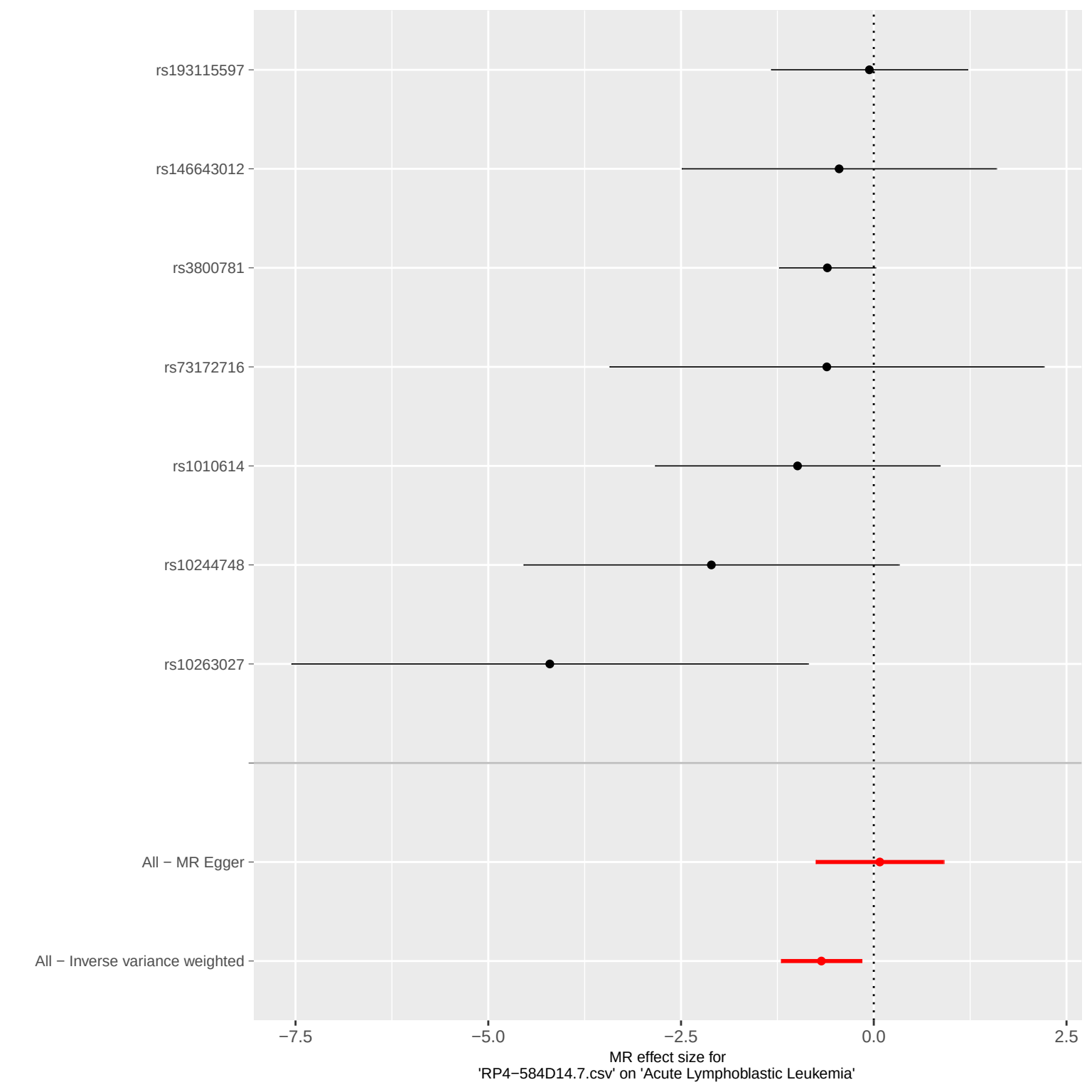
0
2
4
6
MR effect size for
'RP4−576H24.2.csv' on 'Acute Lymphoblastic Leukemia'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rs10244748
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All − MR Egger
All − Inverse variance weighted
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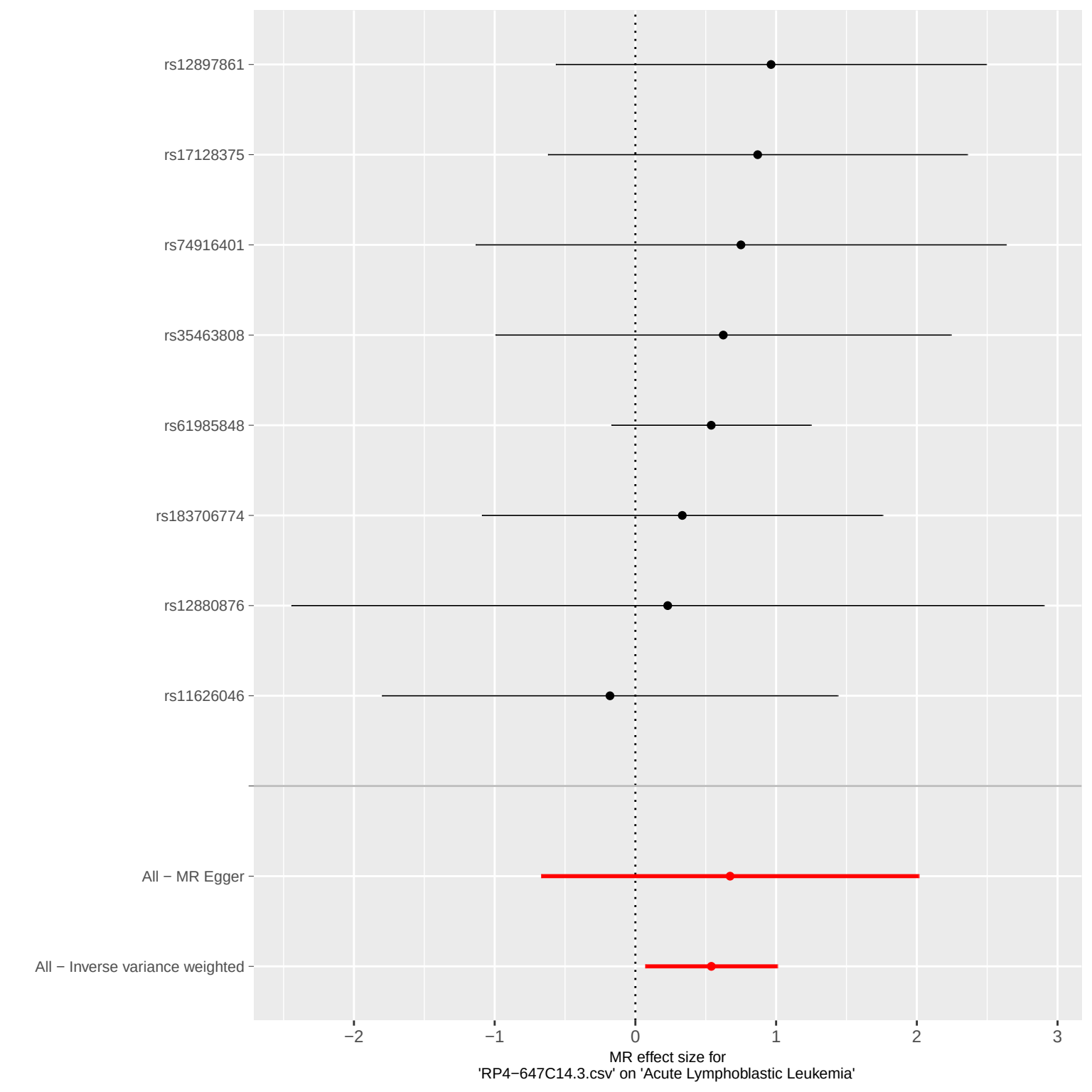
−5.0
−2.5
0.0
2.5
MR effect size for
'RP4−584D14.7.csv' on 'Acute Lymphoblastic Leukemia'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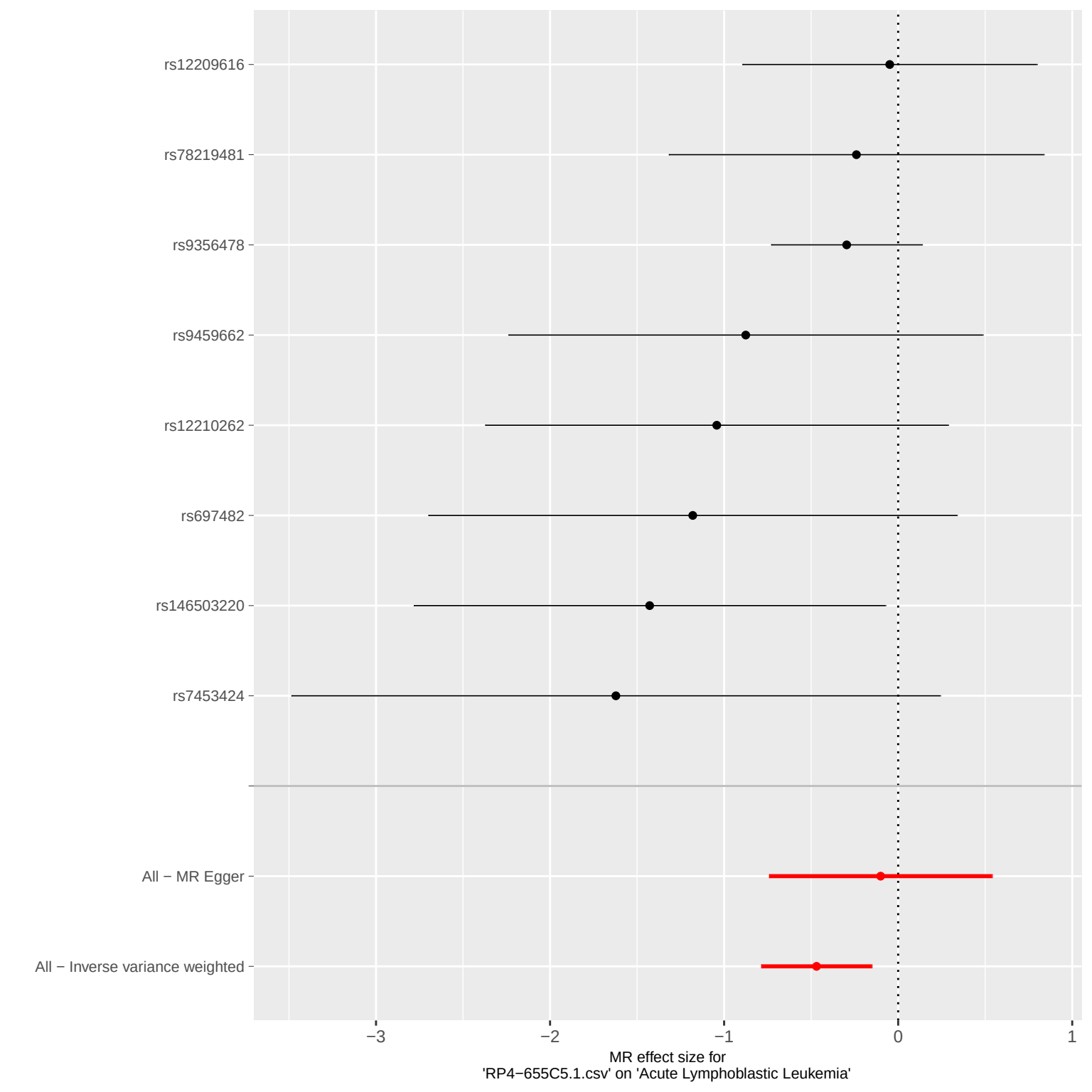
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'RP4−647C14.3.csv' on 'Acute Lymphoblastic Leukemia'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rs697482
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All − Inverse variance weighted
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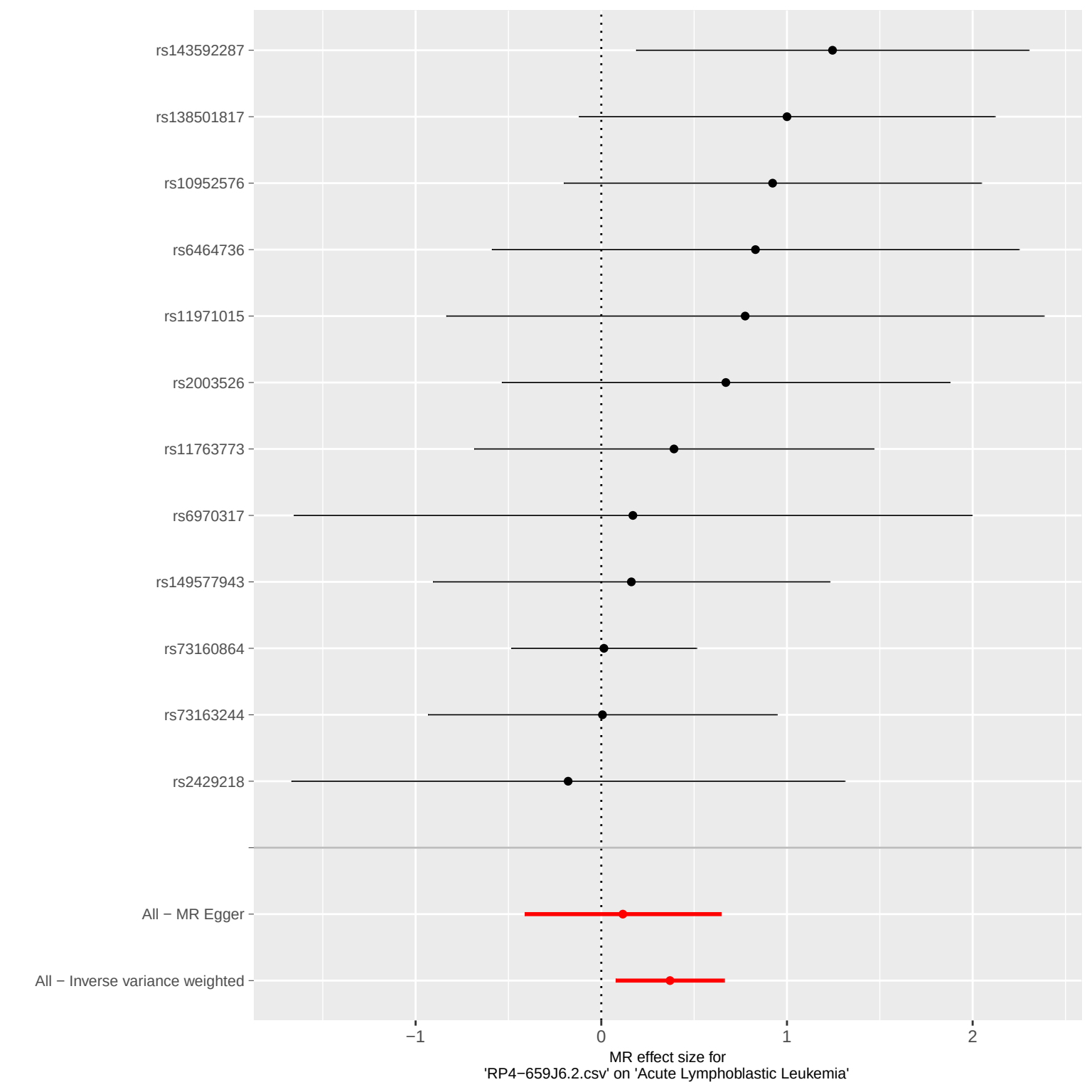
−2
−1
0
1
MR effect size for
'RP4−655C5.1.csv' on 'Acute Lymphoblastic Leukemia'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rs2003526
rs11763773
rs6970317
rs149577943
rs73160864
rs73163244
rs2429218
All − MR Egger
All − Inverse variance weighted
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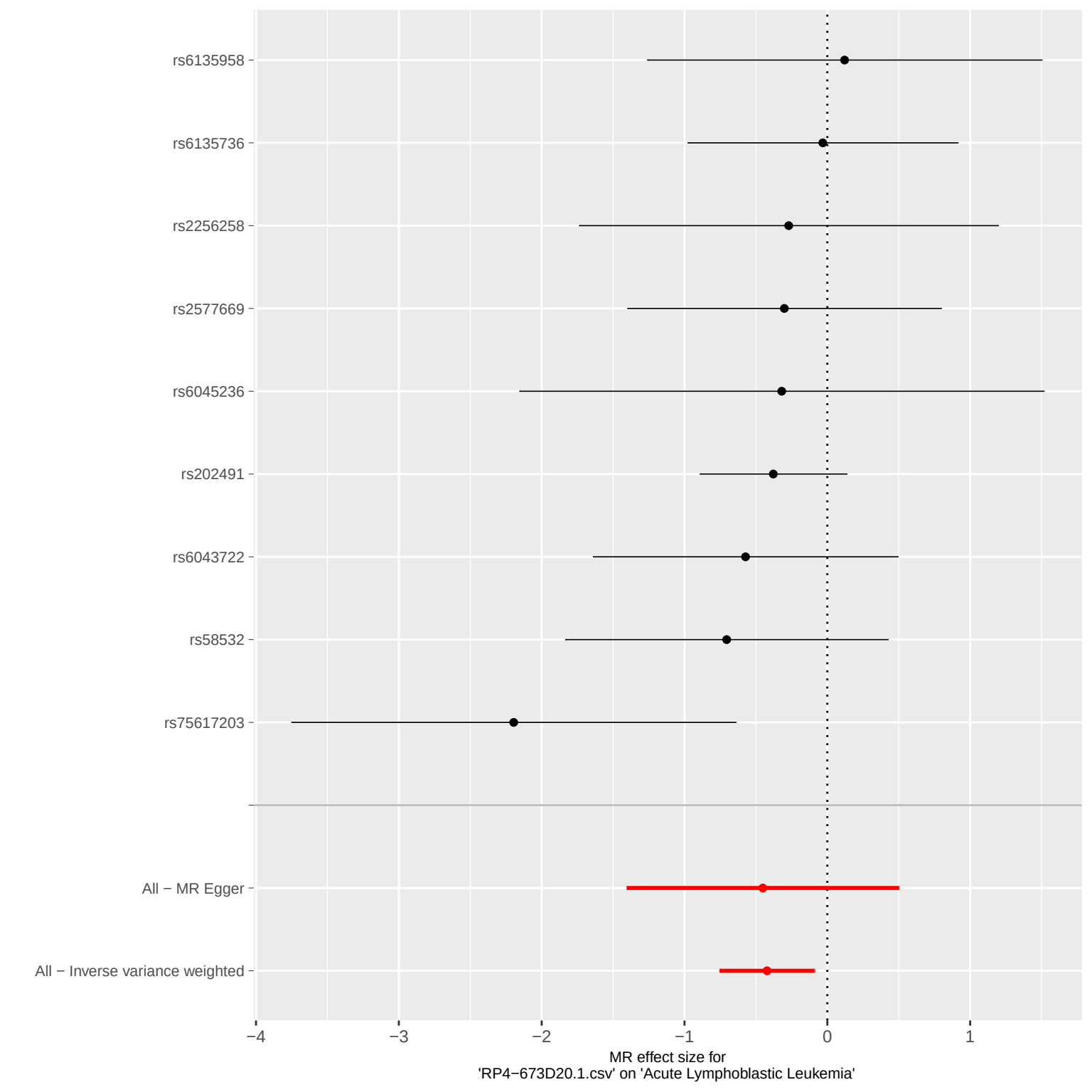
1
2
MR effect size for
'RP4−659J6.2.csv' on 'Acute Lymphoblastic Leukemia'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rs202491
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rs58532
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All − MR Egger
All − Inverse variance weighted
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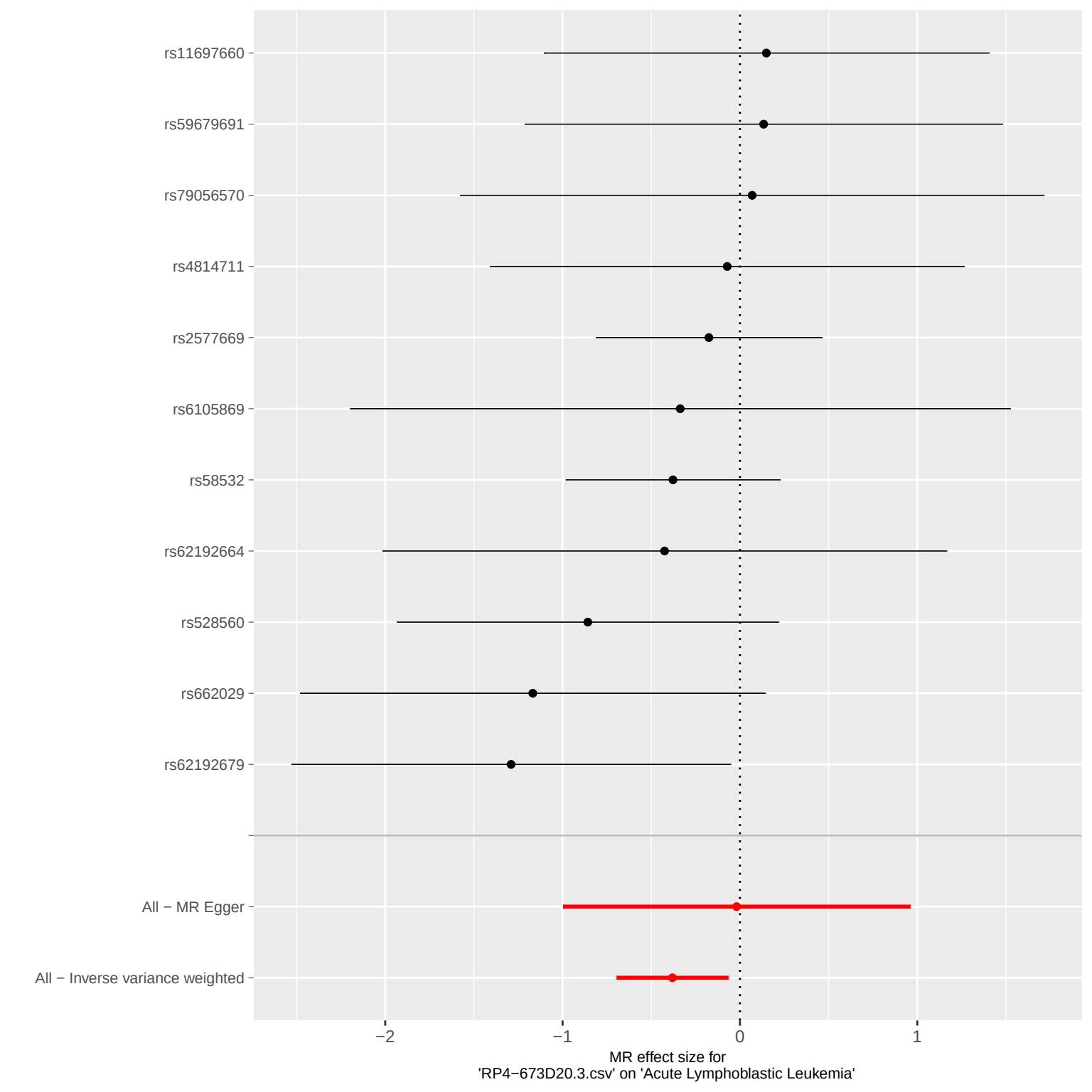
−3
−2
−1
0
1
MR effect size for
'RP4−673D20.1.csv' on 'Acute Lymphoblastic Leukemia'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rs62192679
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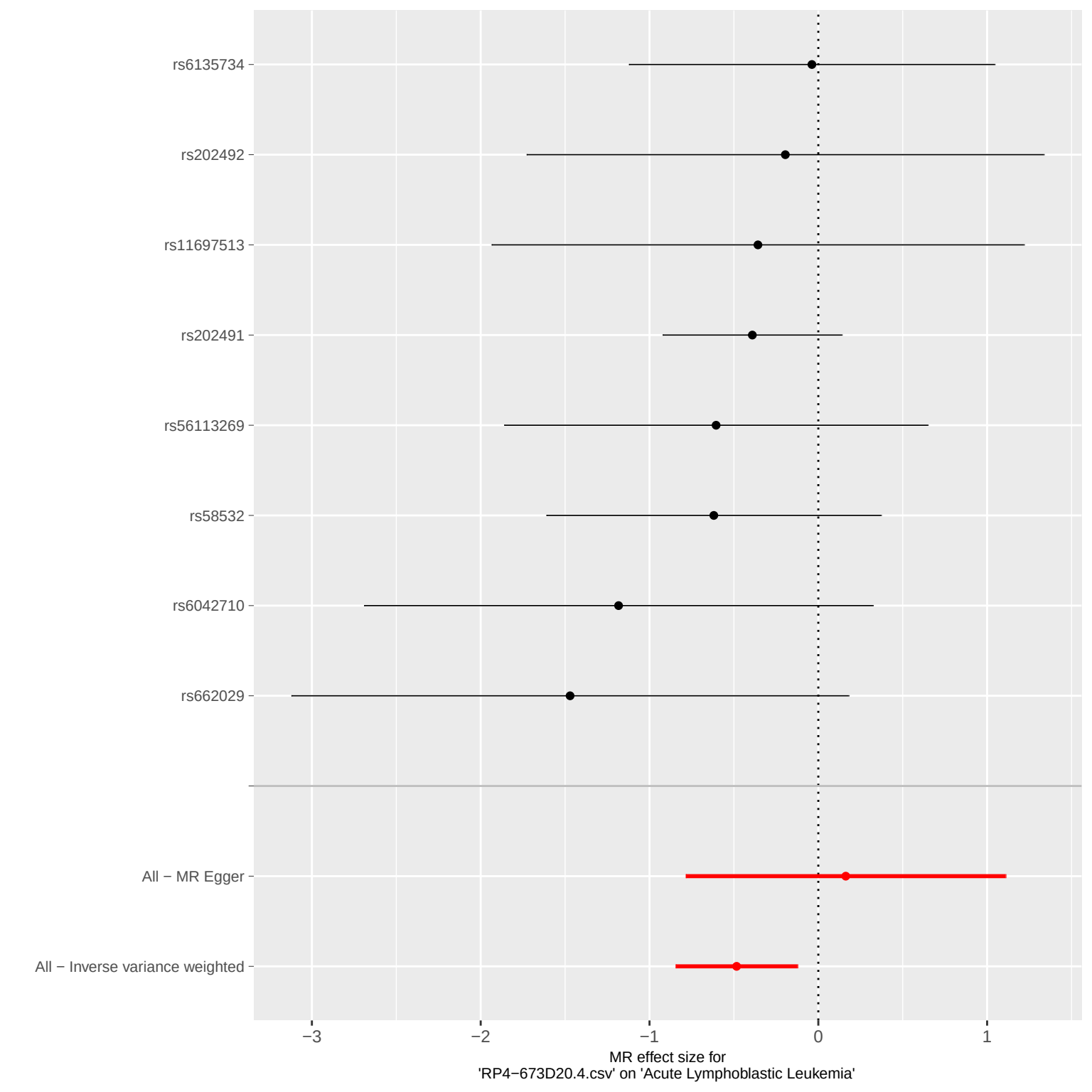
−2
−1
0
1
MR effect size for
'RP4−673D20.3.csv' on 'Acute Lymphoblastic Leukemia'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−2
−1
0
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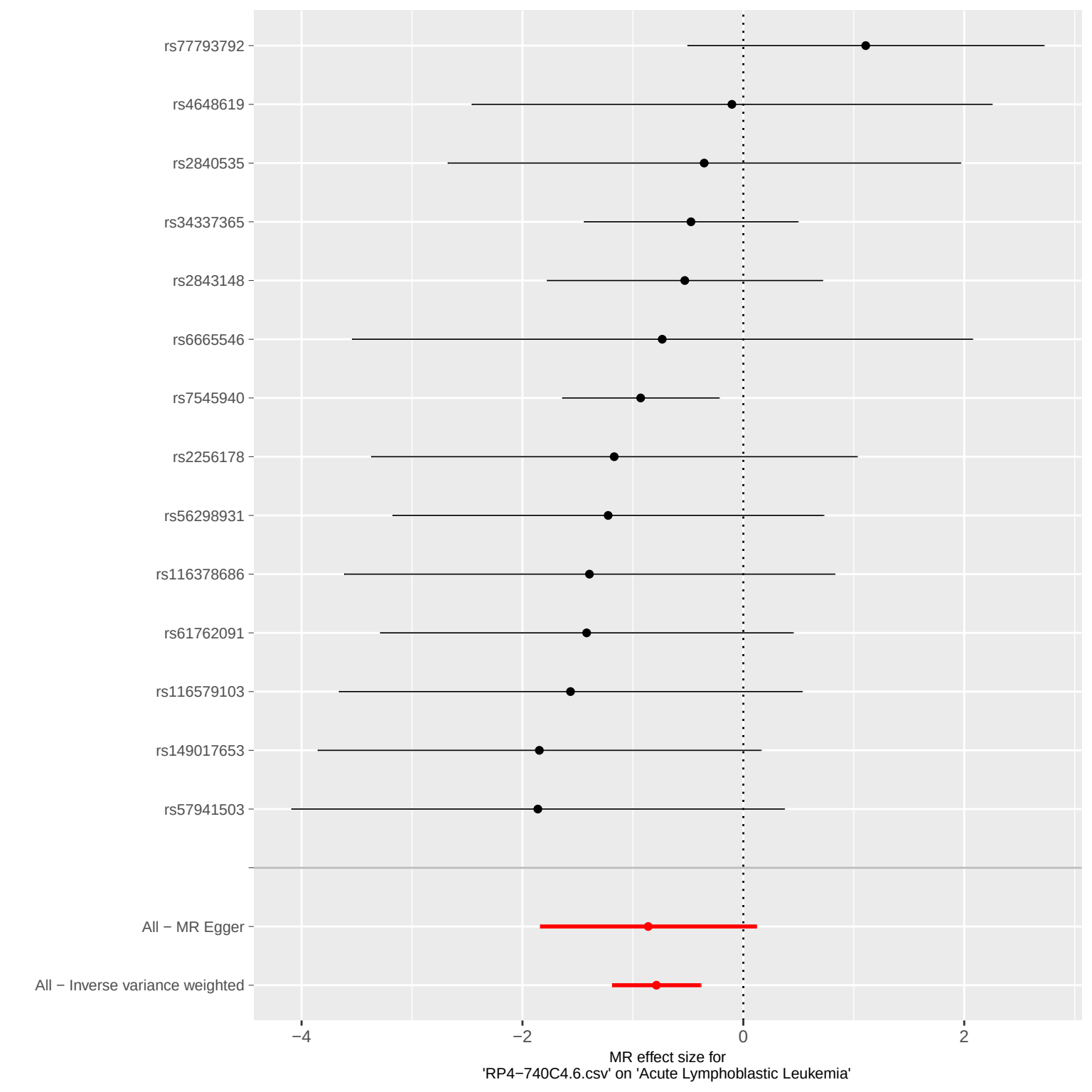
MR effect size for
'RP4−673D20.4.csv' on 'Acute Lymphoblastic Leukemia'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rs61762091
rs116579103
rs149017653
rs57941503
All − MR Egger
All − Inverse variance weighted
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−2
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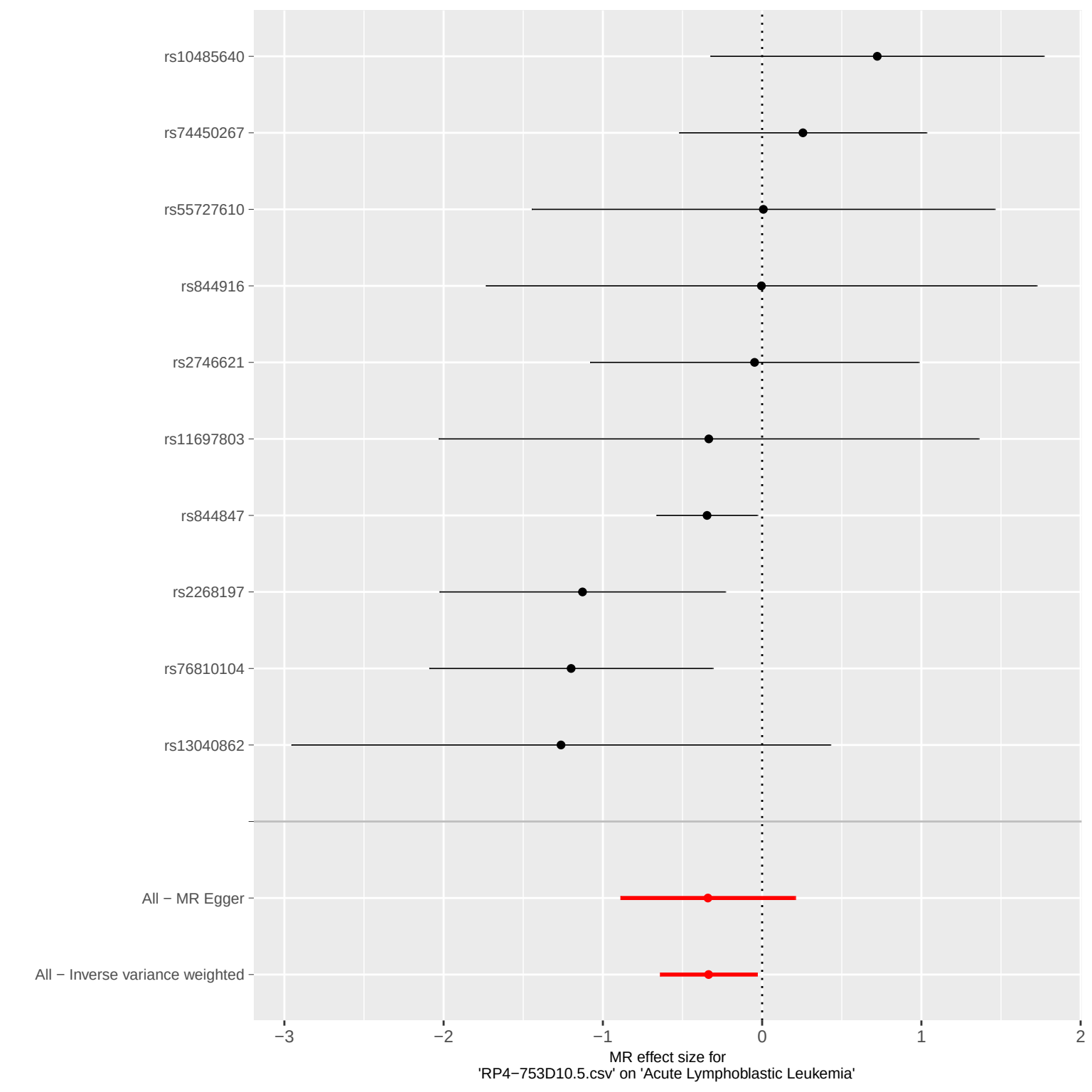
MR effect size for
'RP4−740C4.6.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−3
−2
−1
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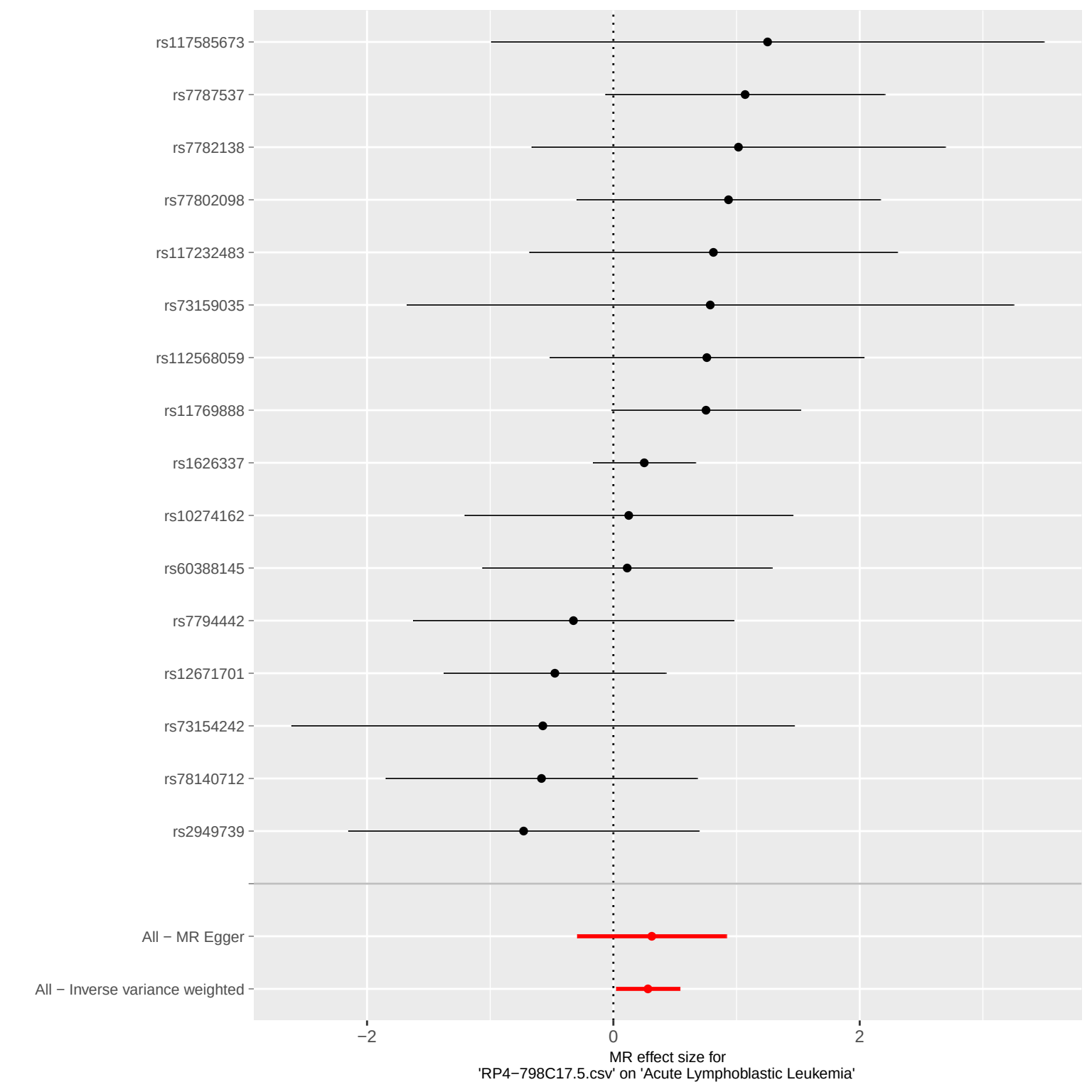
MR effect size for
'RP4−753D10.5.csv' on 'Acute Lymphoblastic Leukemia'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rs73154242
rs78140712
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All − MR Egger
All − Inverse variance weighted
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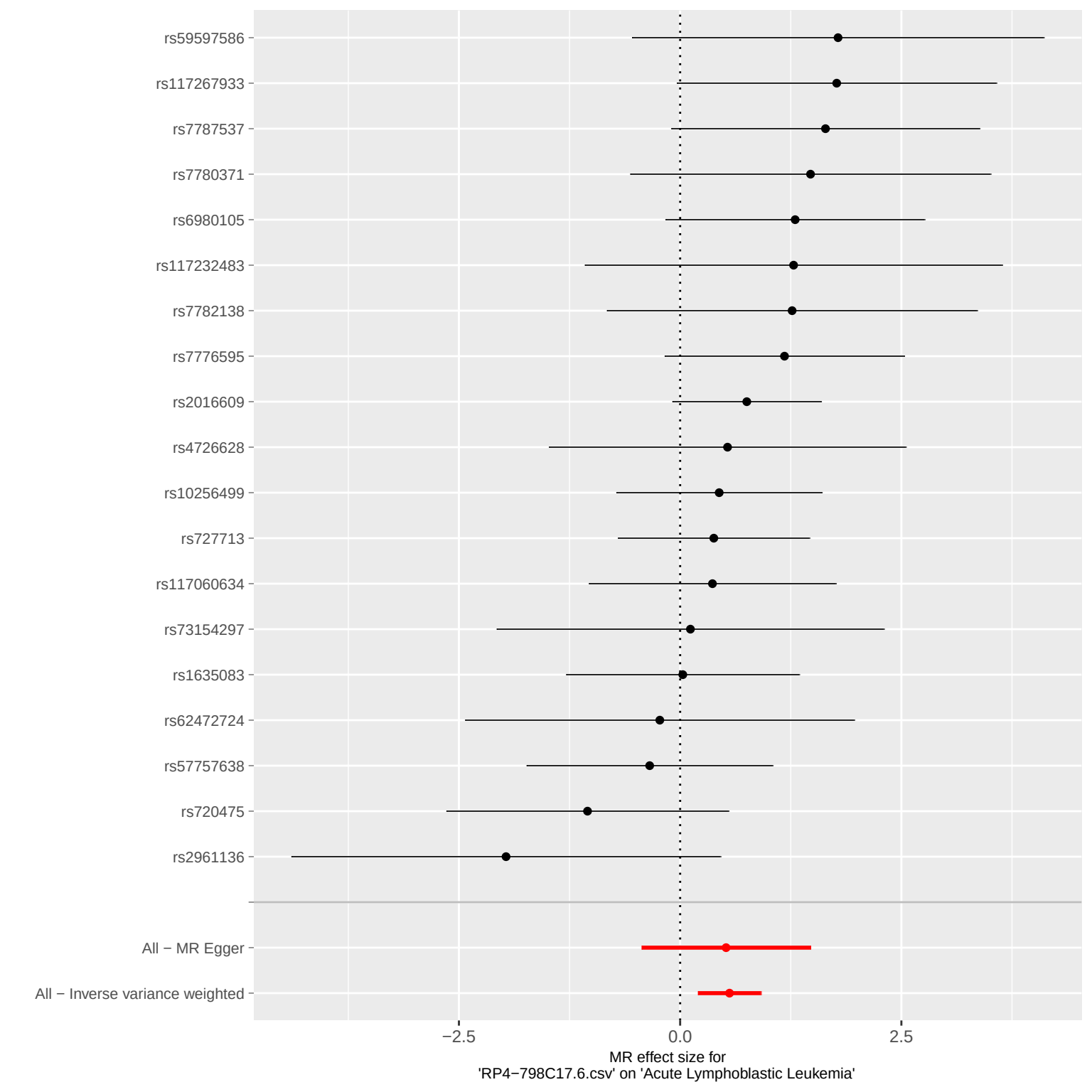
2
MR effect size for
'RP4−798C17.5.csv' on 'Acute Lymphoblastic Leukemia'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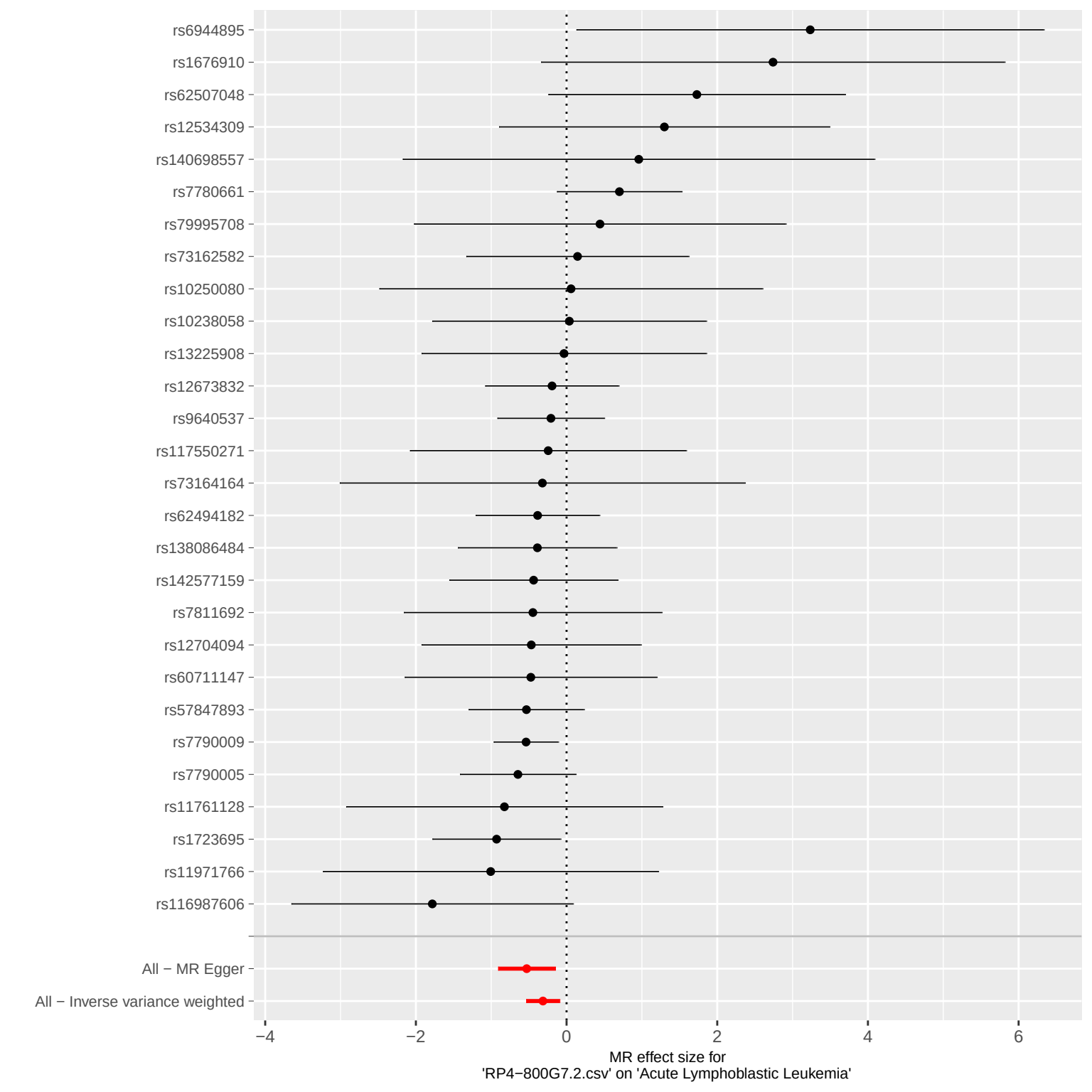
MR effect size for
'RP4−798C17.6.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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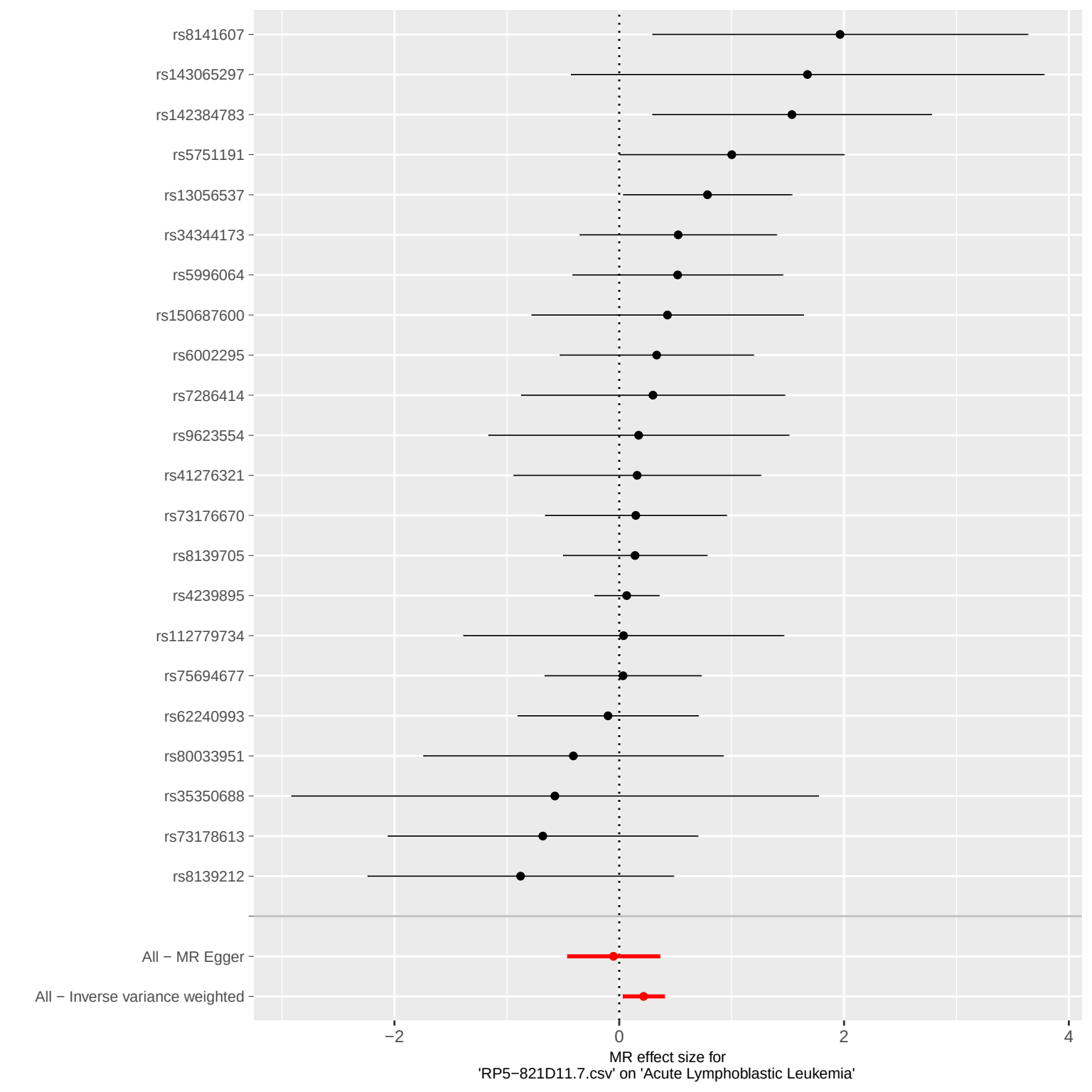
2
4
6
MR effect size for
'RP4−800G7.2.csv' on 'Acute Lymphoblastic Leukemia'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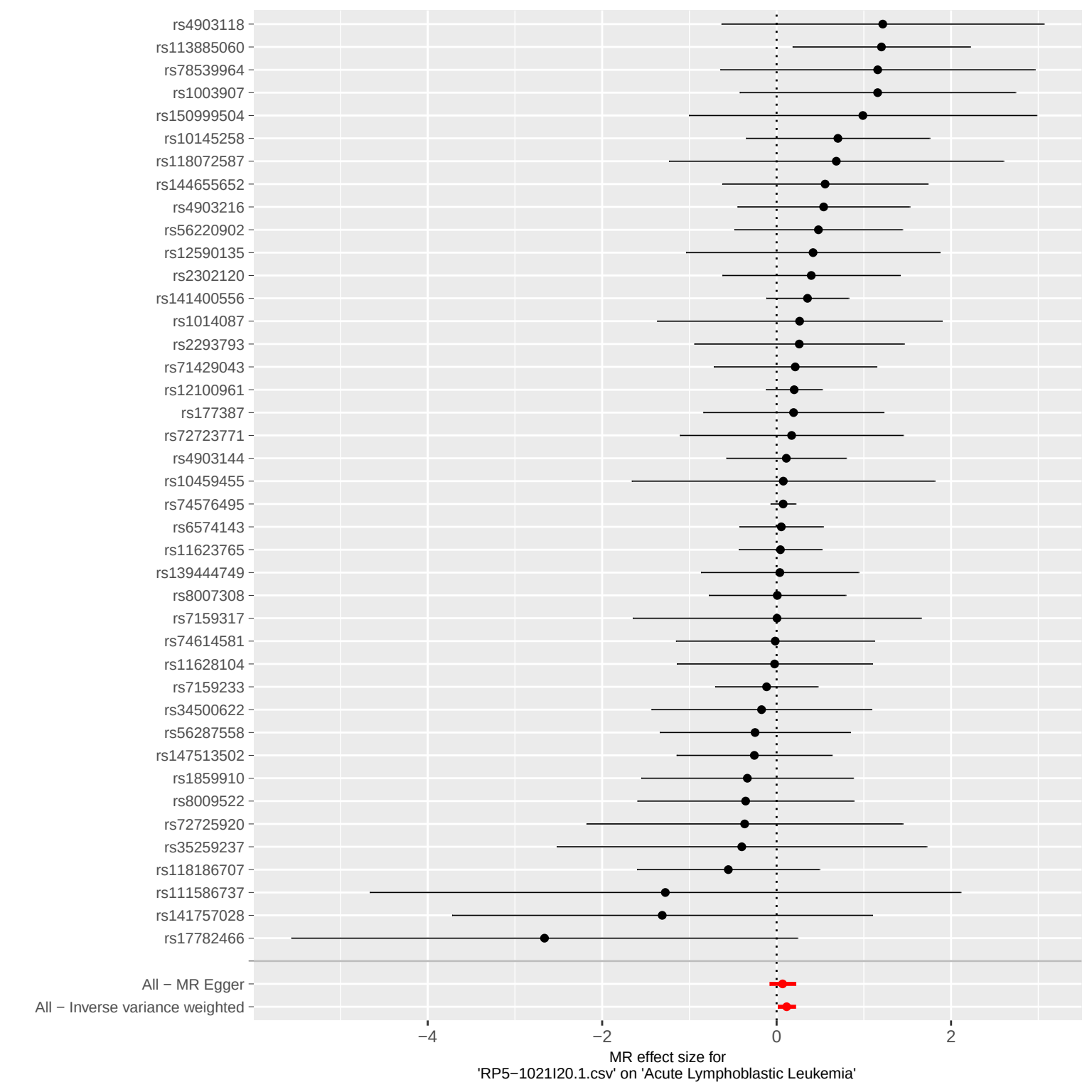
rs4239895
rs112779734
rs75694677
rs62240993
rs80033951
rs35350688
rs73178613
rs8139212
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RP5−821D11.7.csv' on 'Acute Lymphoblastic Leukemia'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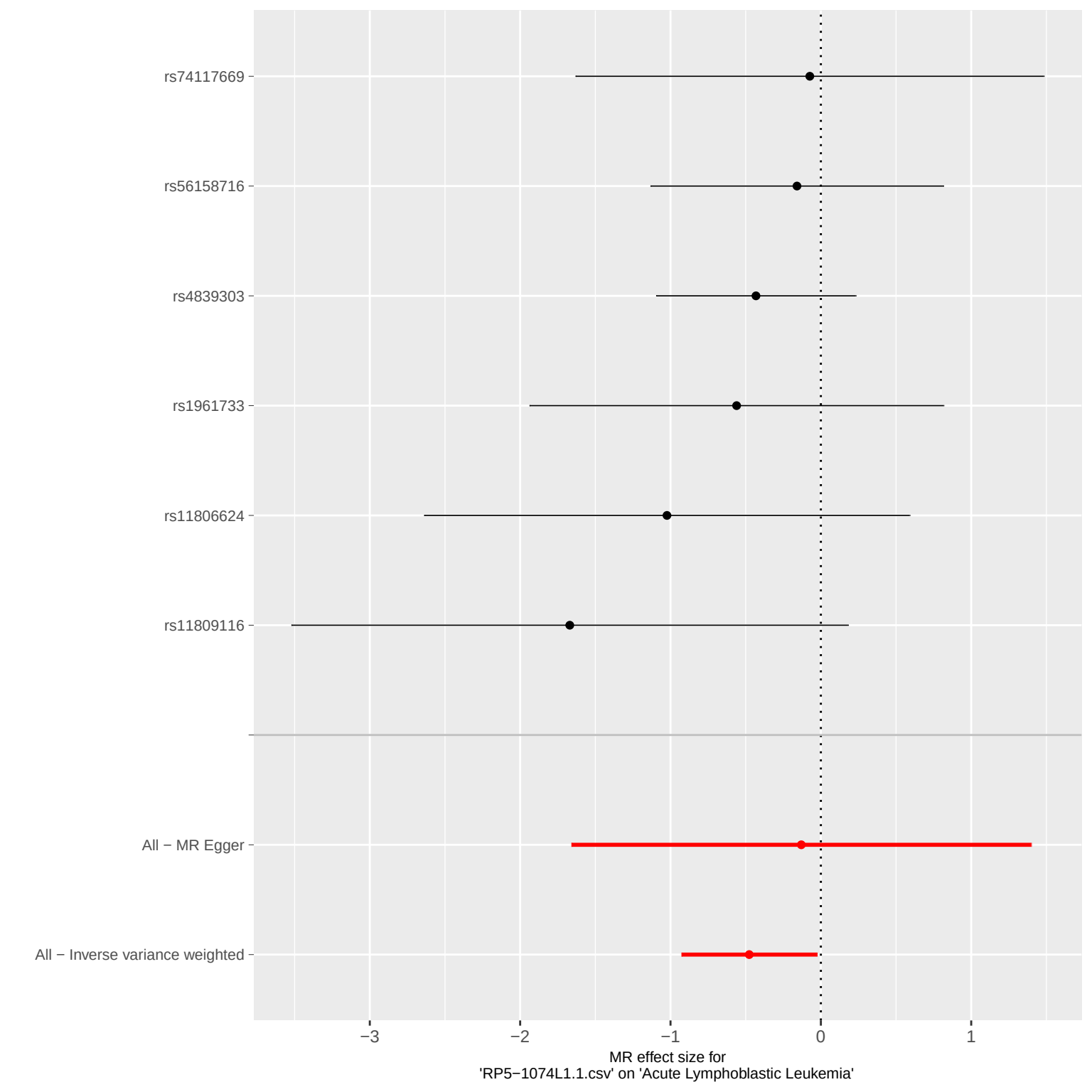
MR effect size for
'RP5−1021I20.1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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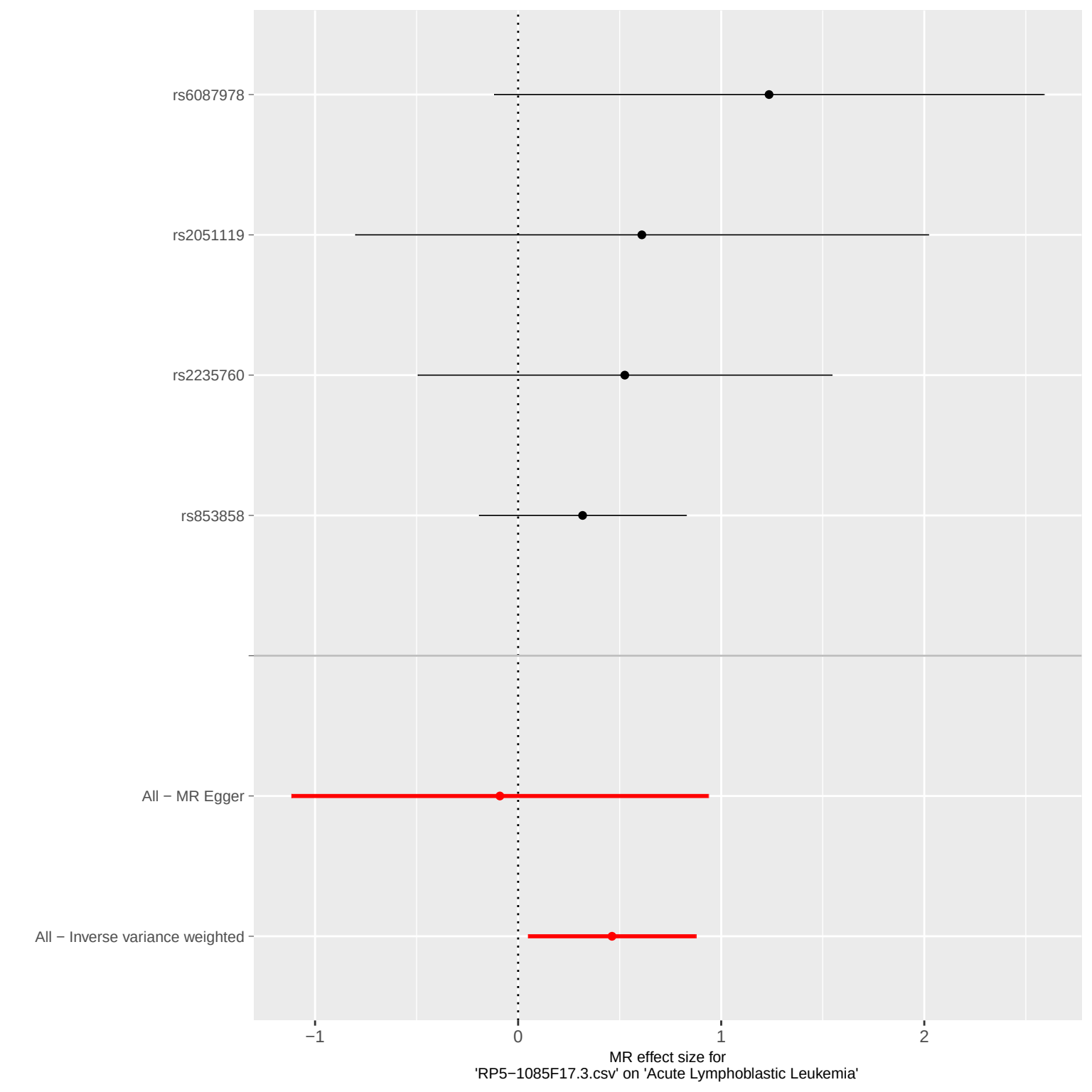
MR effect size for
'RP5−1074L1.1.csv' on 'Acute Lymphoblastic Leukemia'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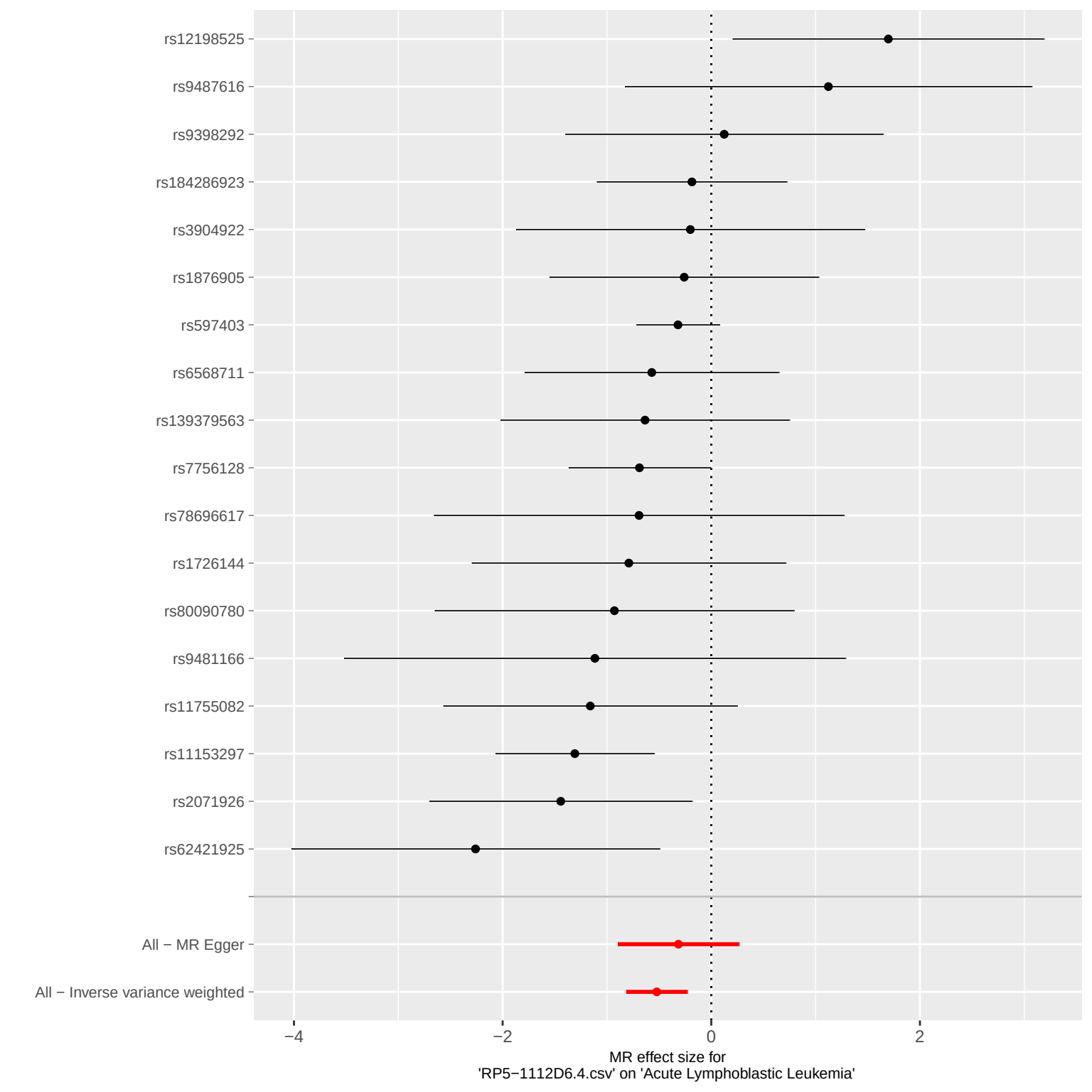
MR effect size for
'RP5−1085F17.3.csv' on 'Acute Lymphoblastic Leukemia'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rs11755082
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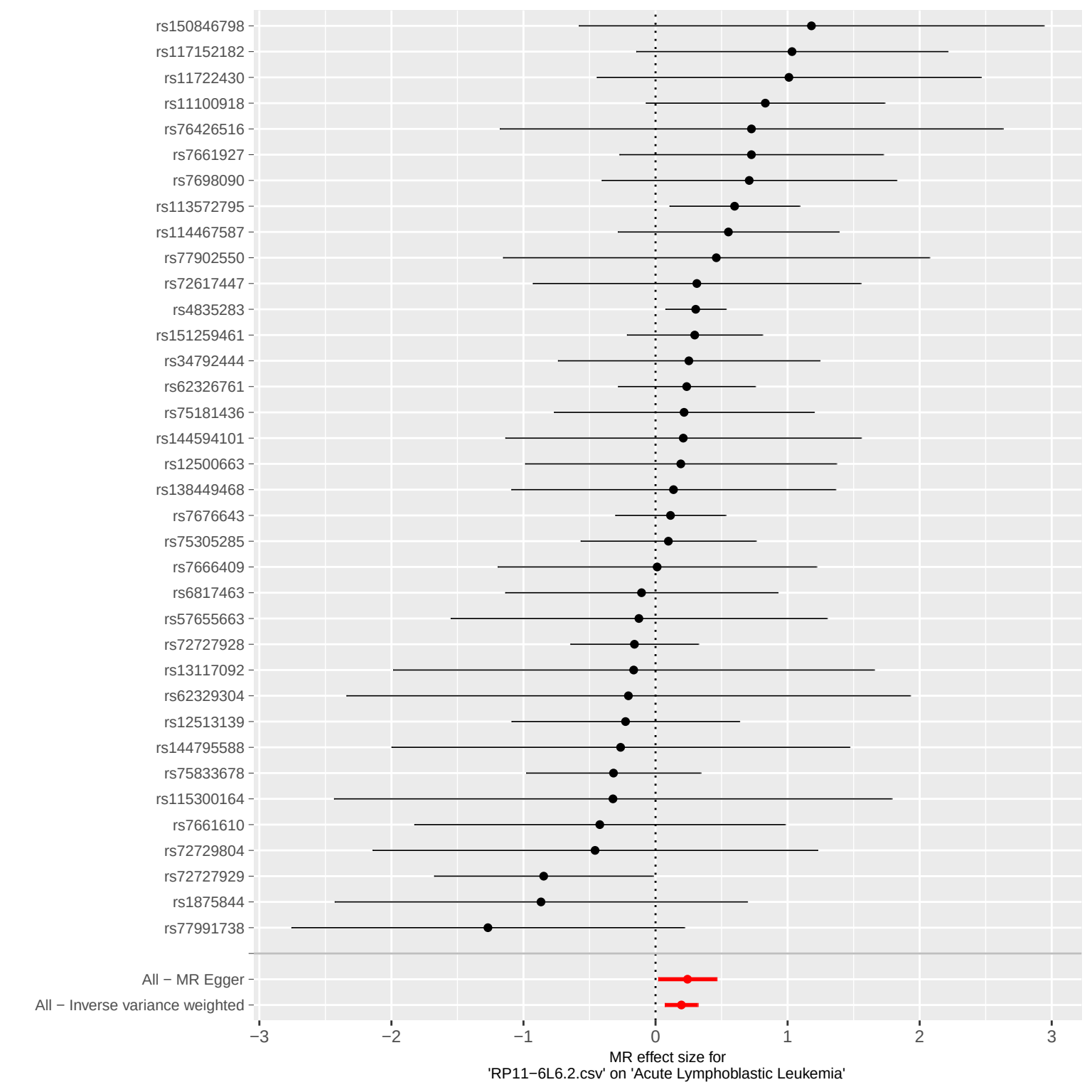
rs62421925
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RP5−1112D6.4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−1
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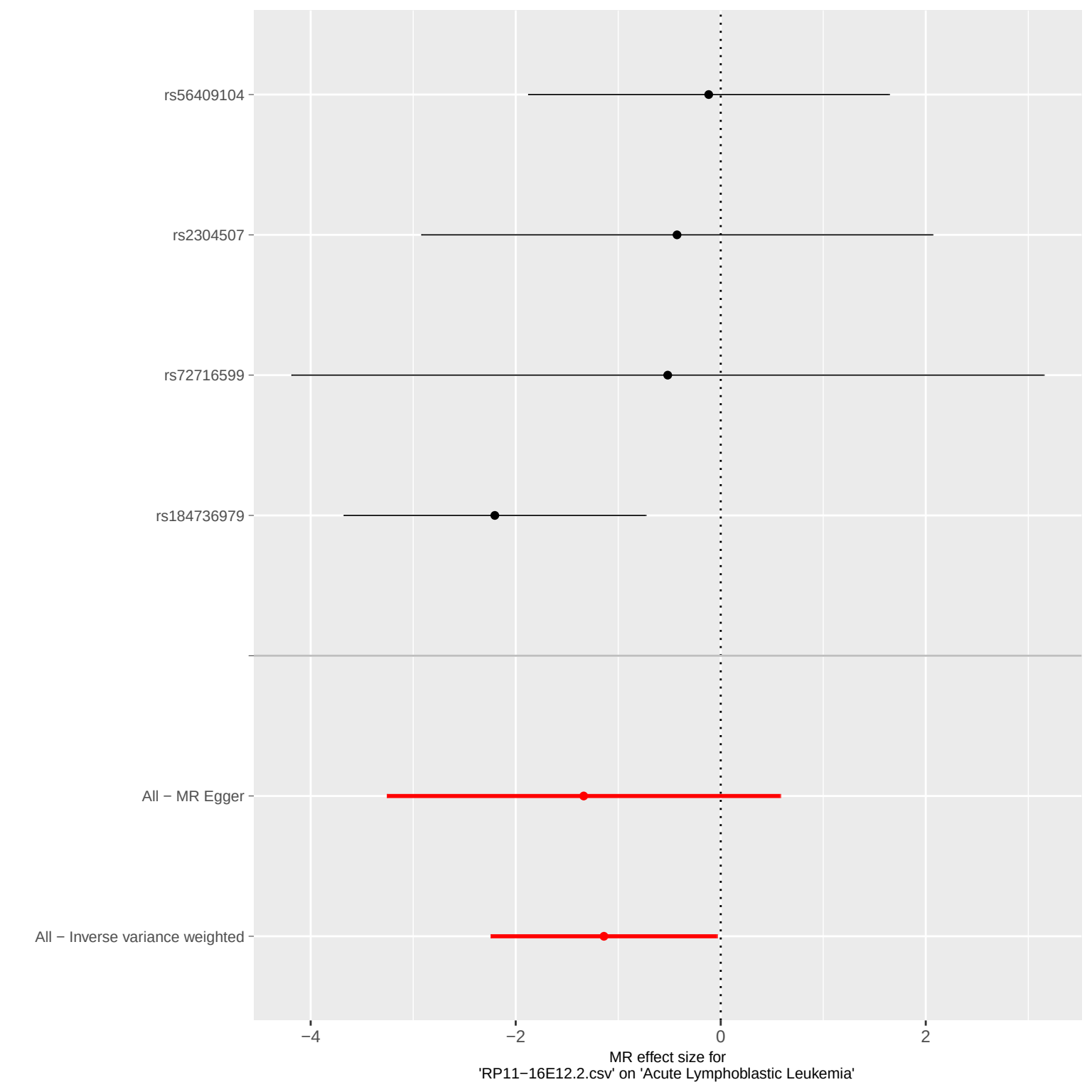
1
2
3
MR effect size for
'RP11−6L6.2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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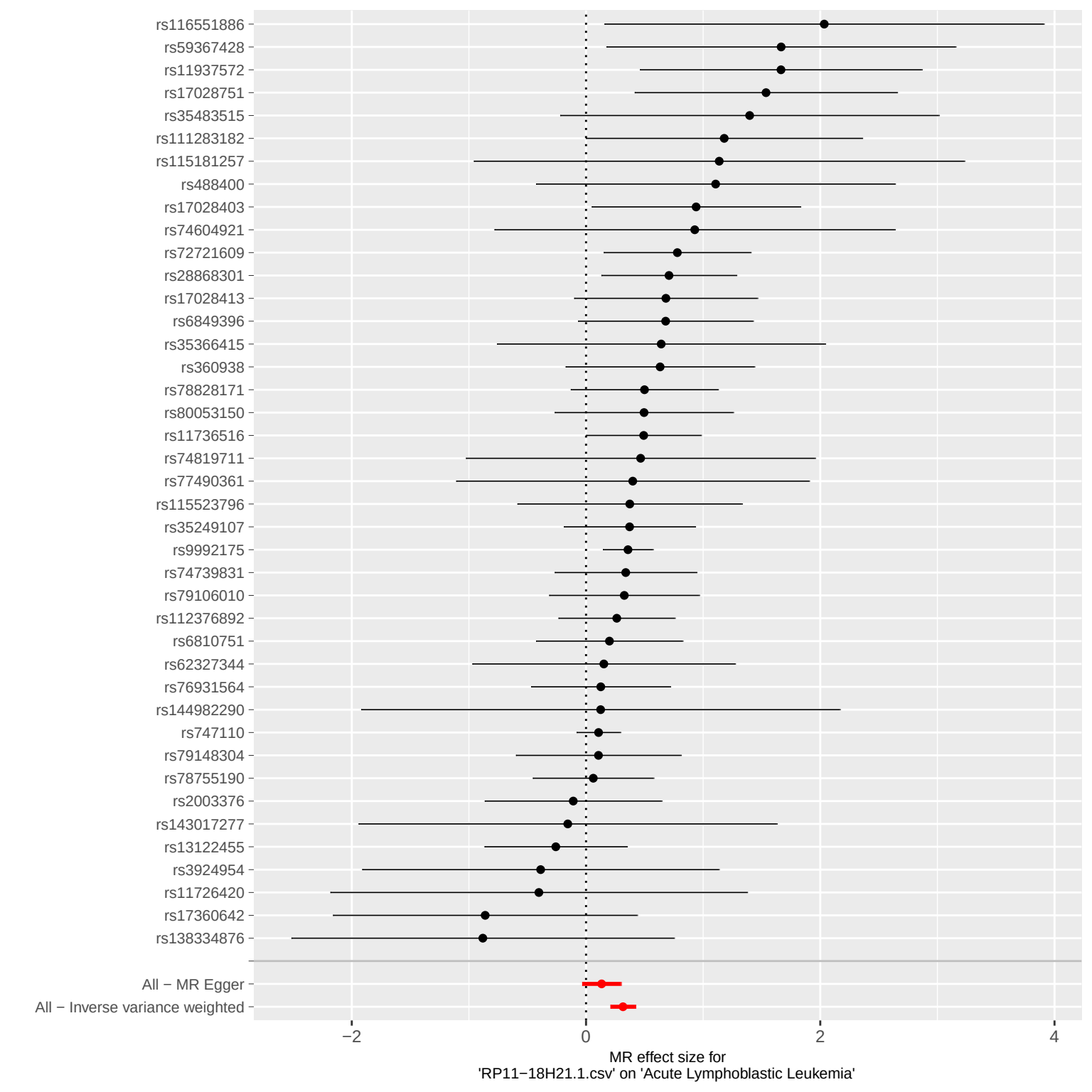
2
MR effect size for
'RP11−16E12.2.csv' on 'Acute Lymphoblastic Leukemia'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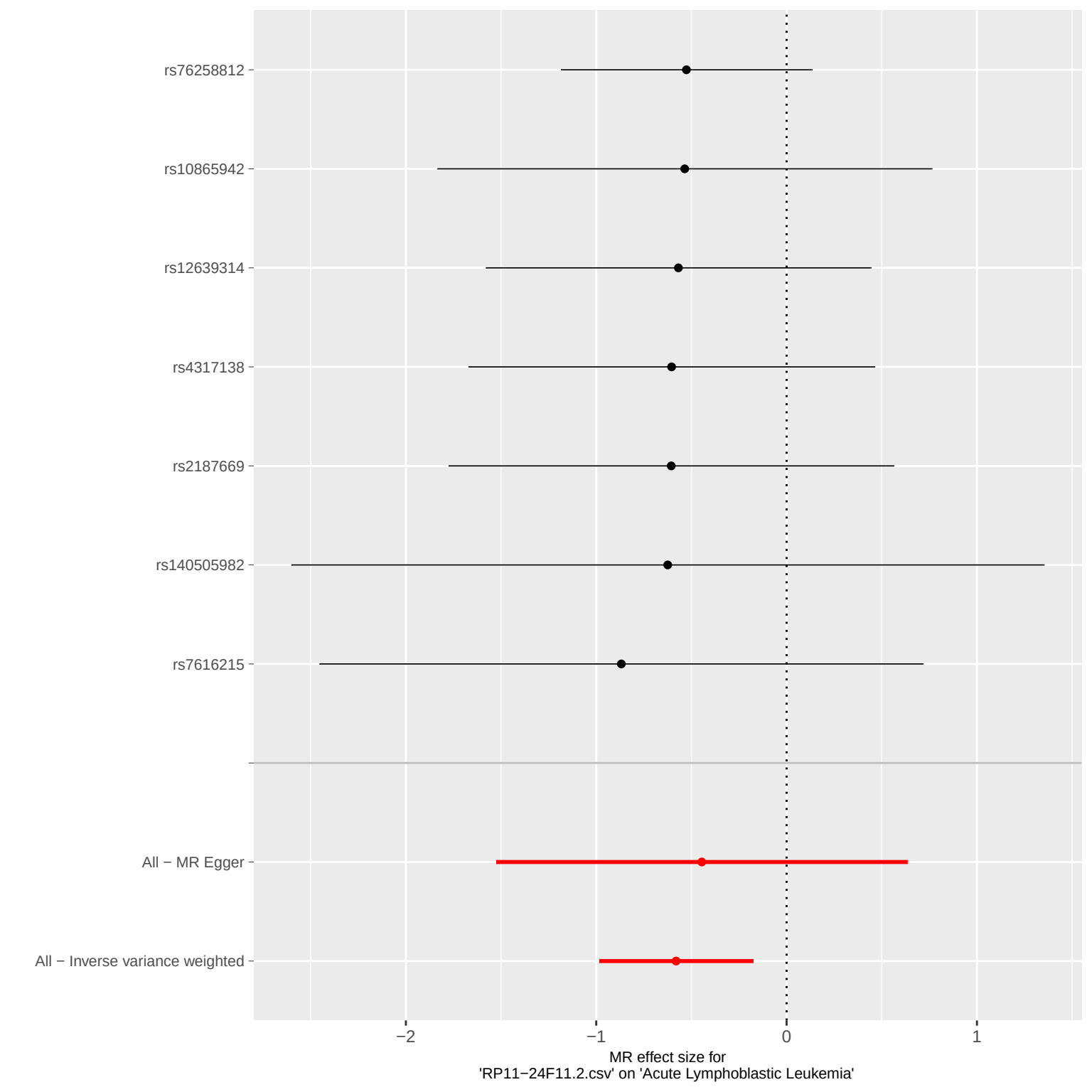
rs143017277
rs13122455
rs3924954
rs11726420
rs17360642
rs138334876
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RP11−18H21.1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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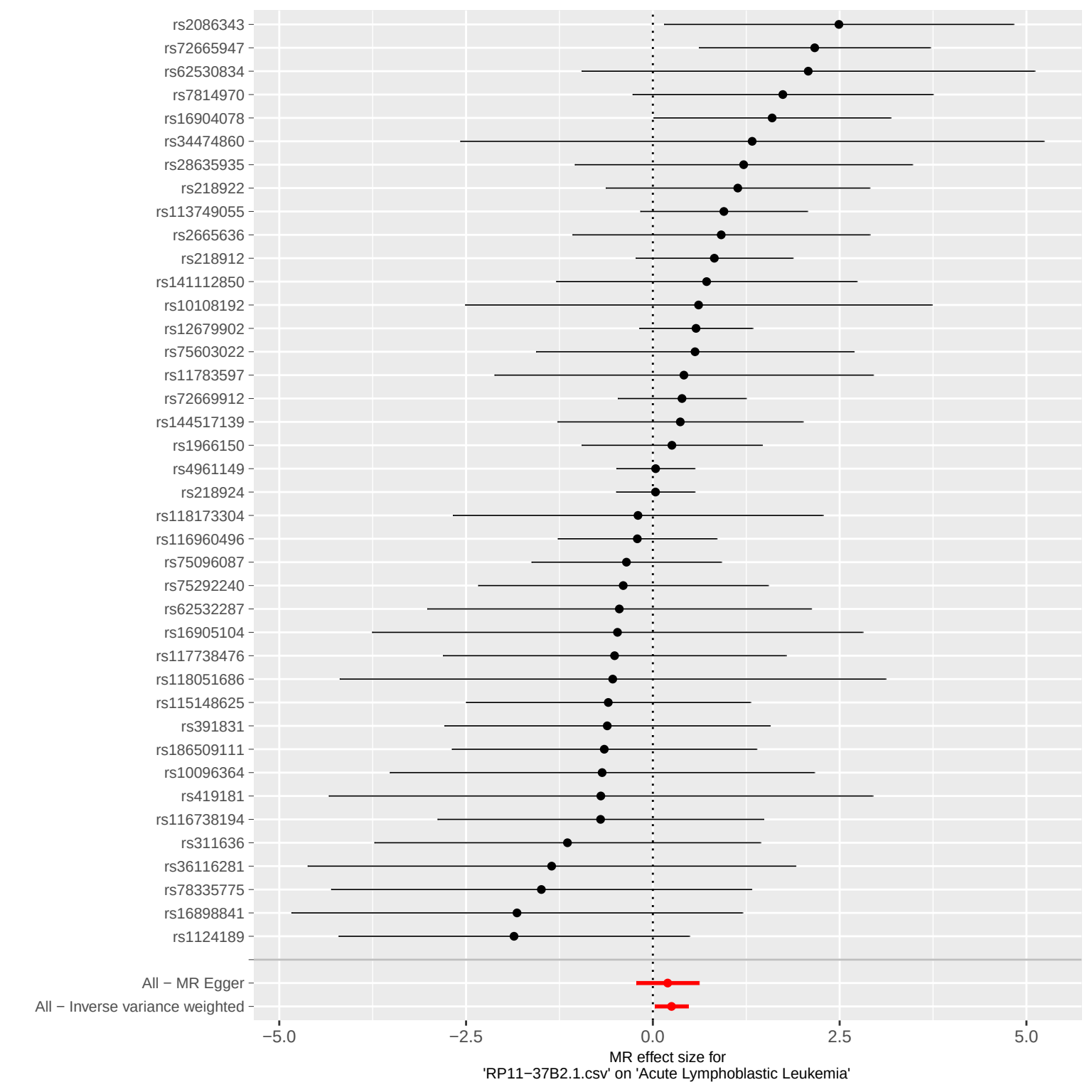
0
1
MR effect size for
'RP11−24F11.2.csv' on 'Acute Lymphoblastic Leukemia'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rs311636
rs36116281
rs78335775
rs16898841
rs1124189
All − MR Egger
All − Inverse variance weighted
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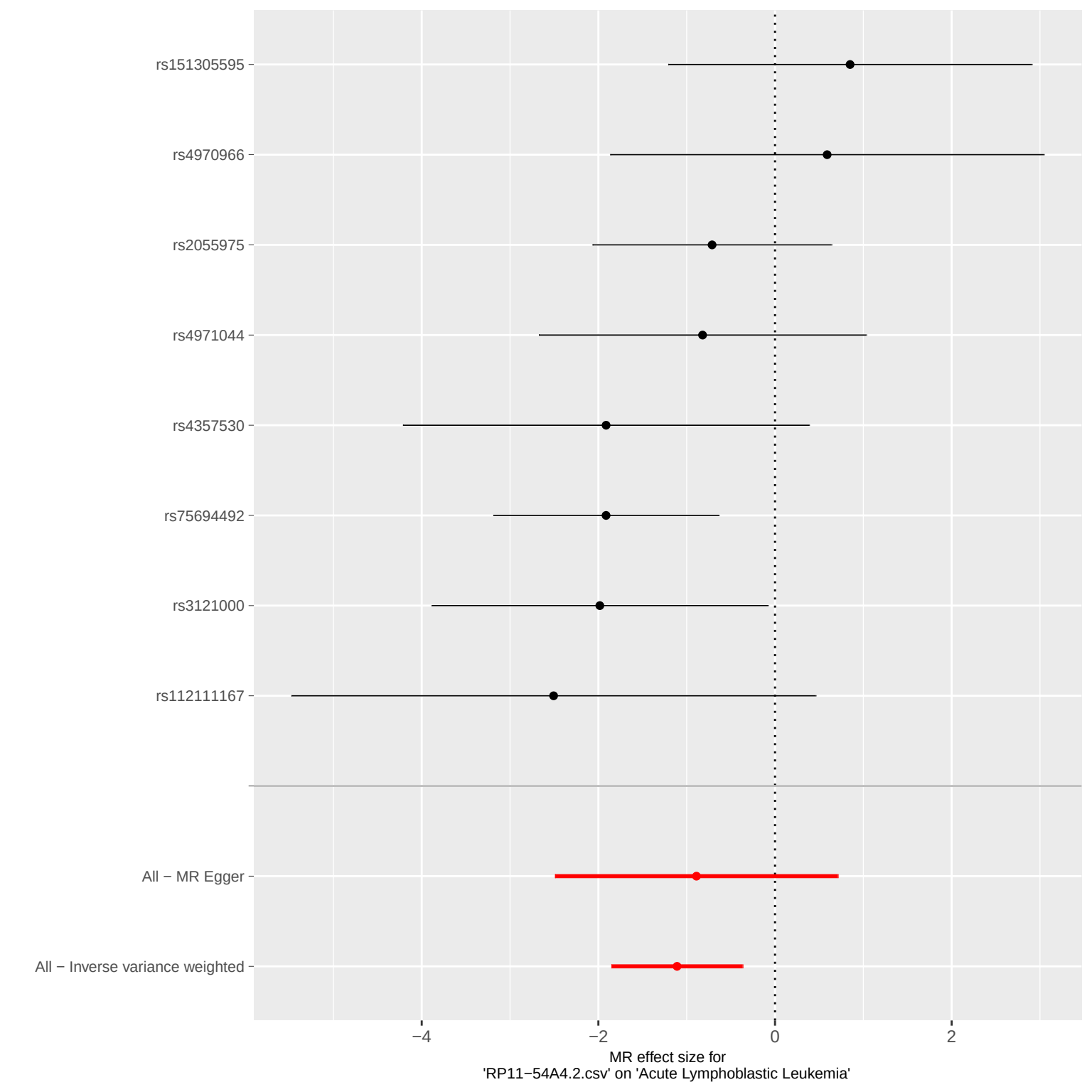
−2.5
0.0
2.5
5.0
MR effect size for
'RP11−37B2.1.csv' on 'Acute Lymphoblastic Leukemia'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rs3121000
rs112111167
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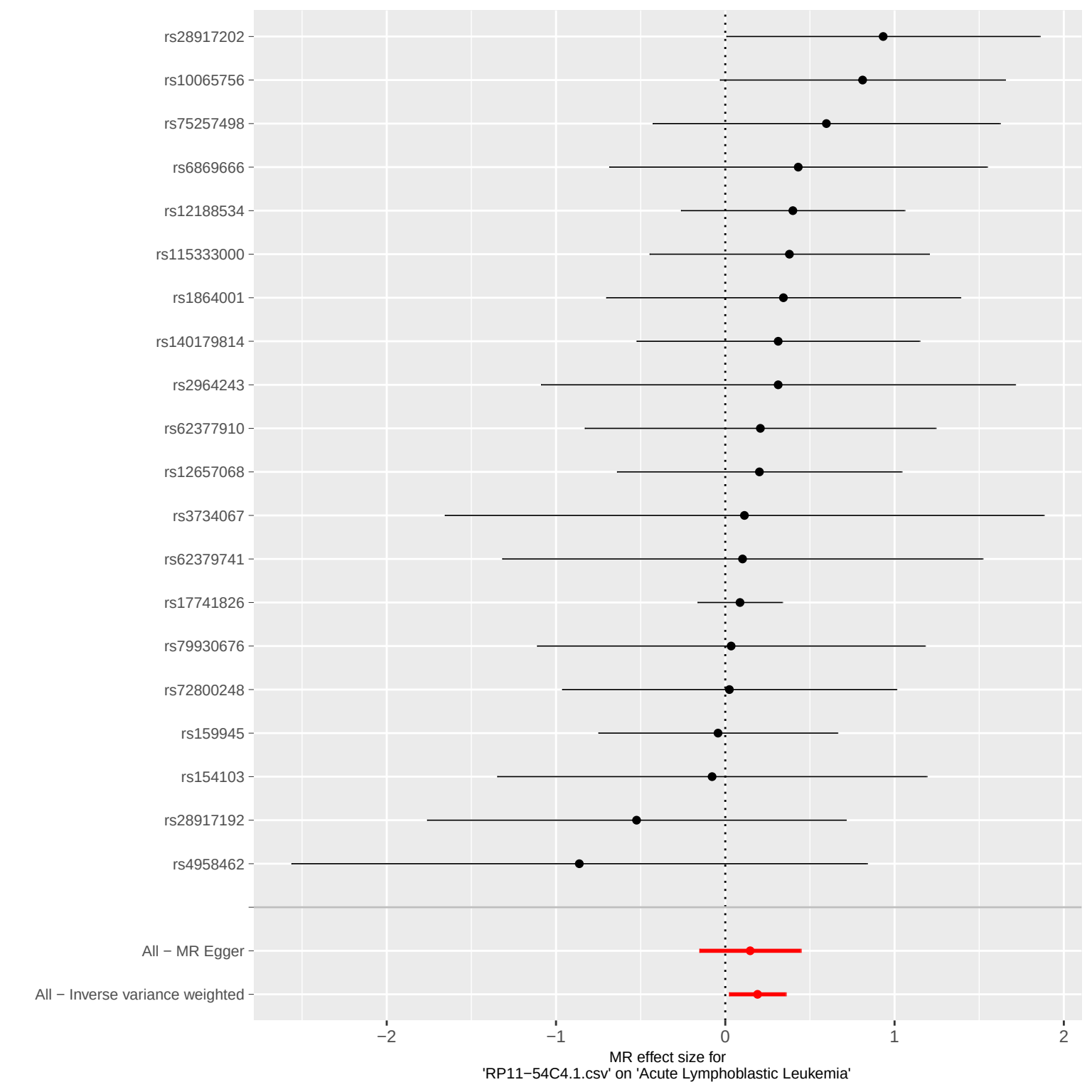
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RP11−54A4.2.csv' on 'Acute Lymphoblastic Leukemia'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rs79930676
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rs154103
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rs4958462
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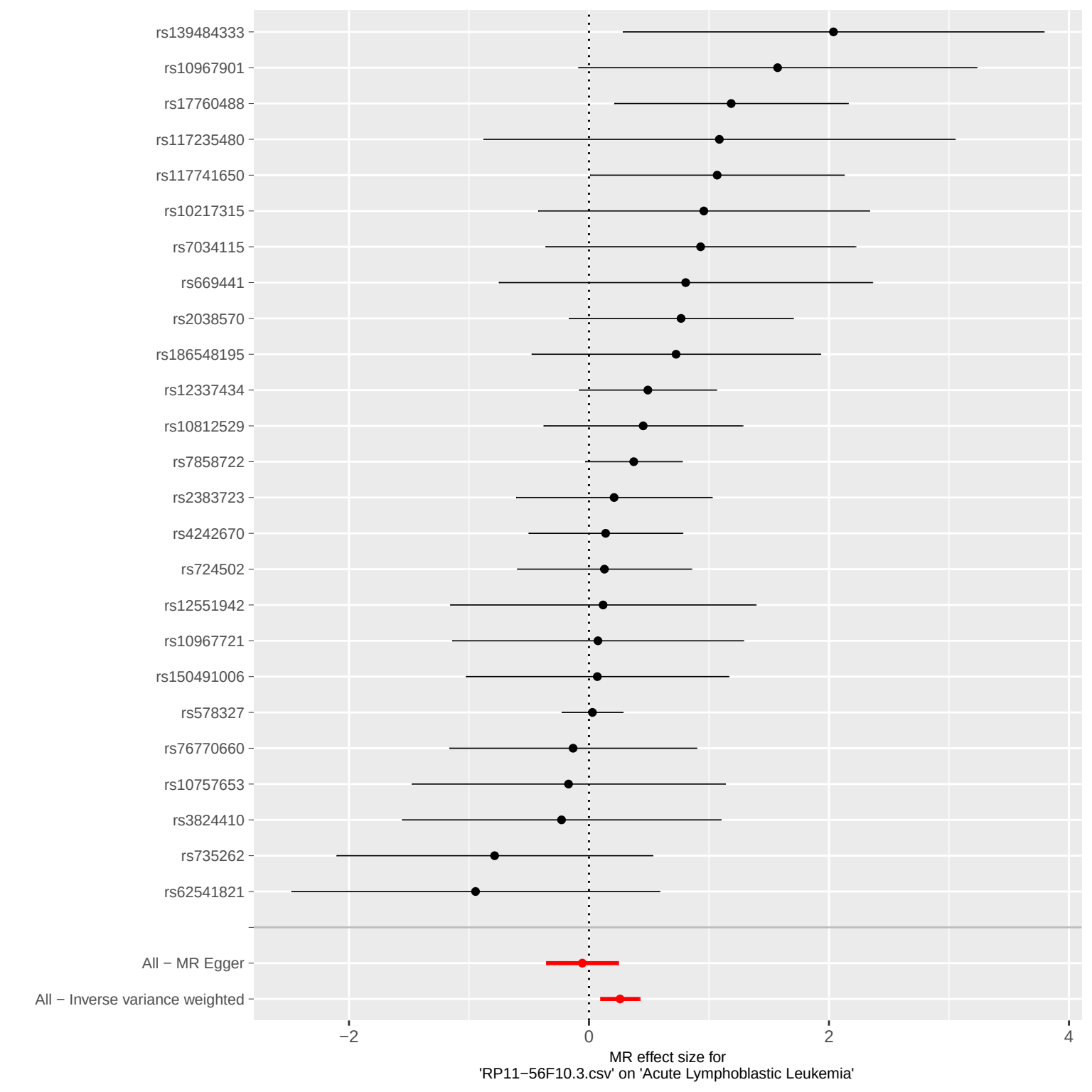
MR effect size for
'RP11−54C4.1.csv' on 'Acute Lymphoblastic Leukemia'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rs735262
rs62541821
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MR effect size for
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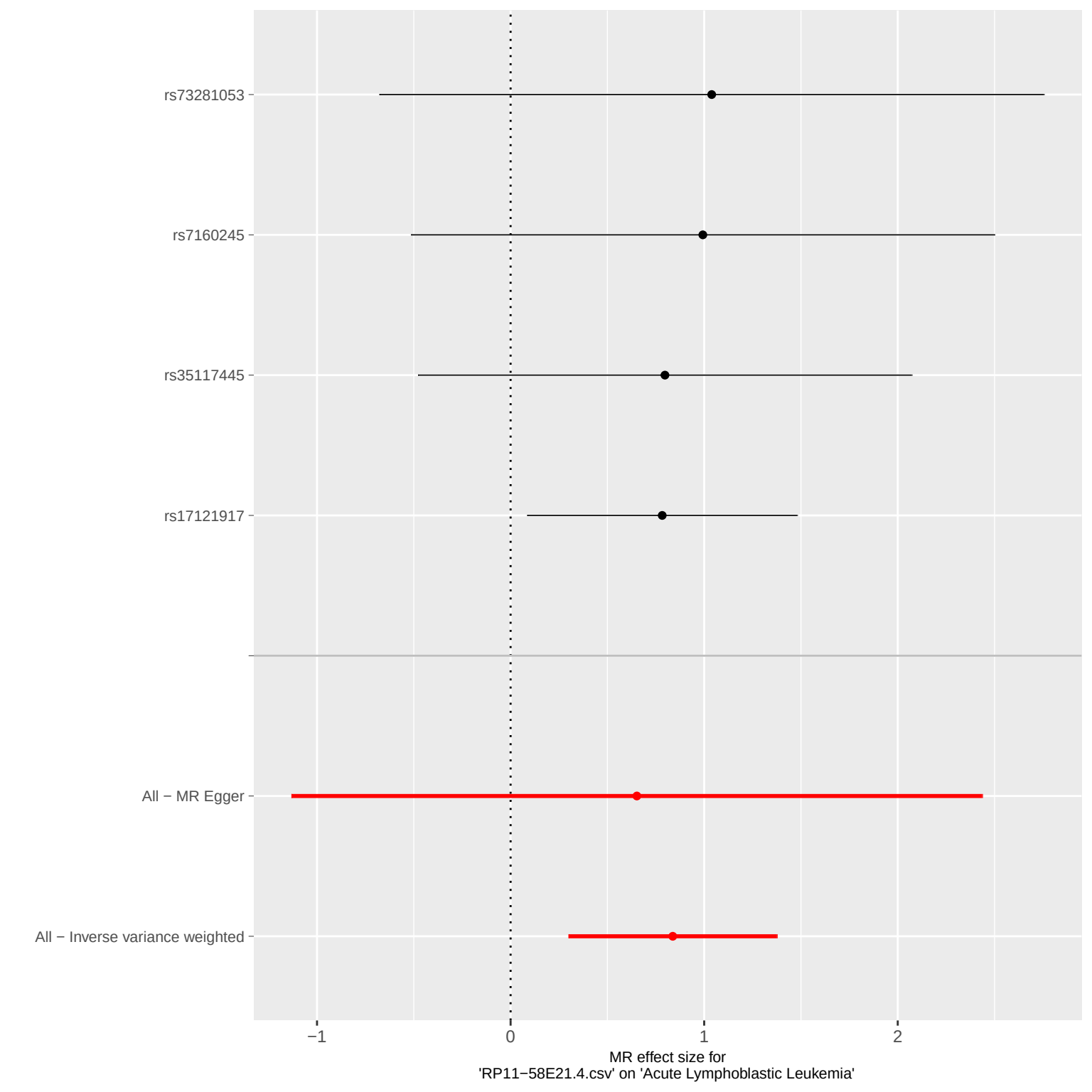
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0
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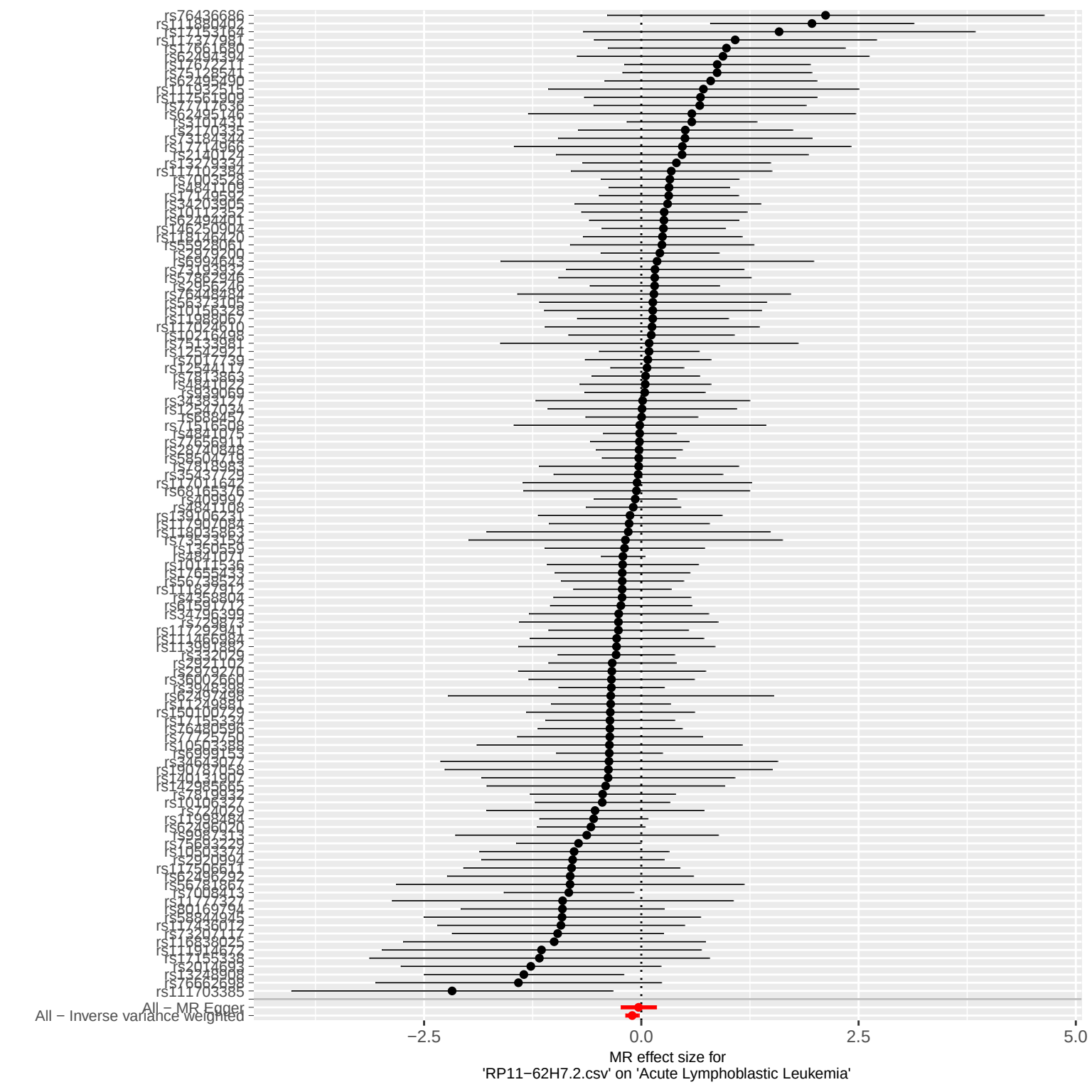
MR effect size for
'RP11−58E21.4.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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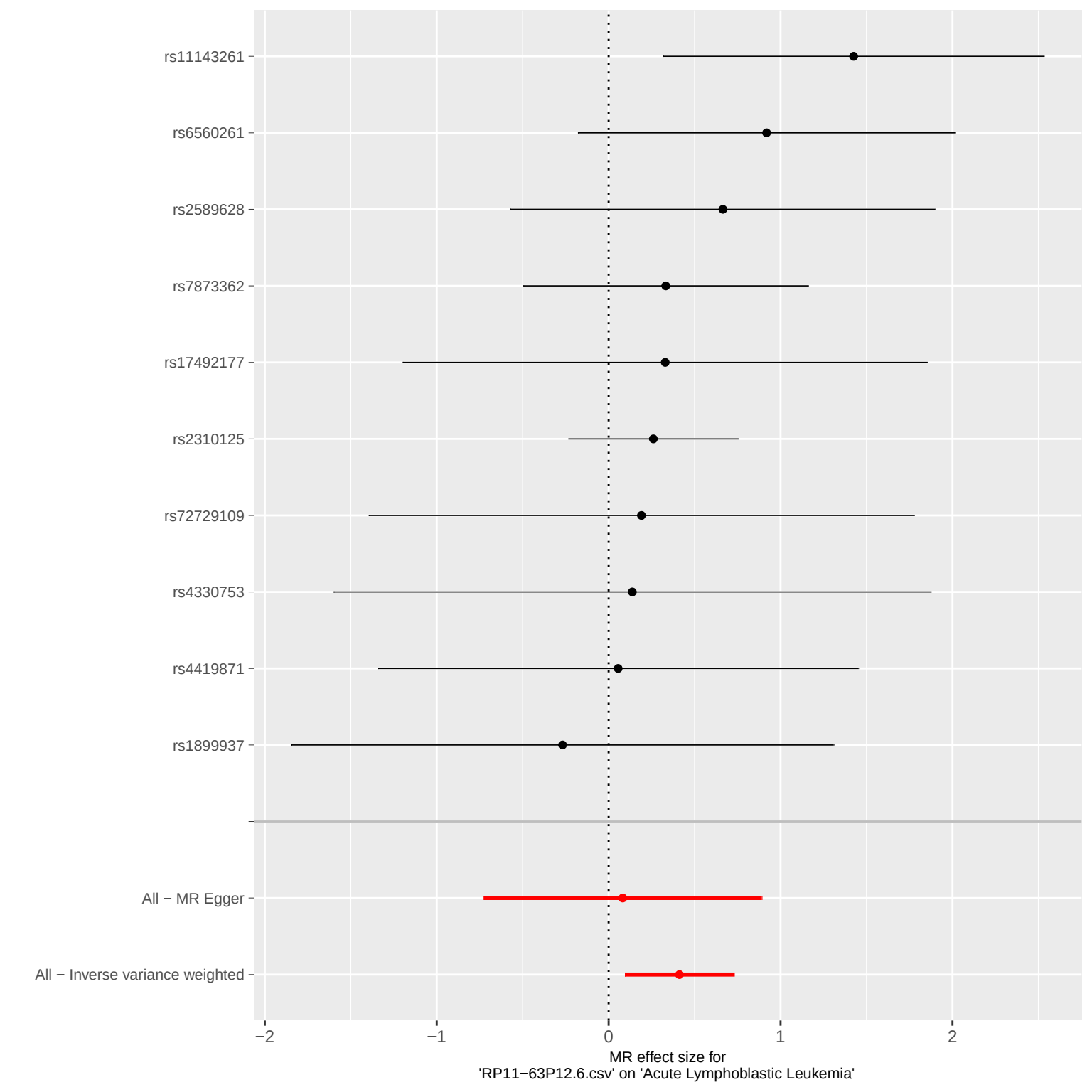
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MR effect size for
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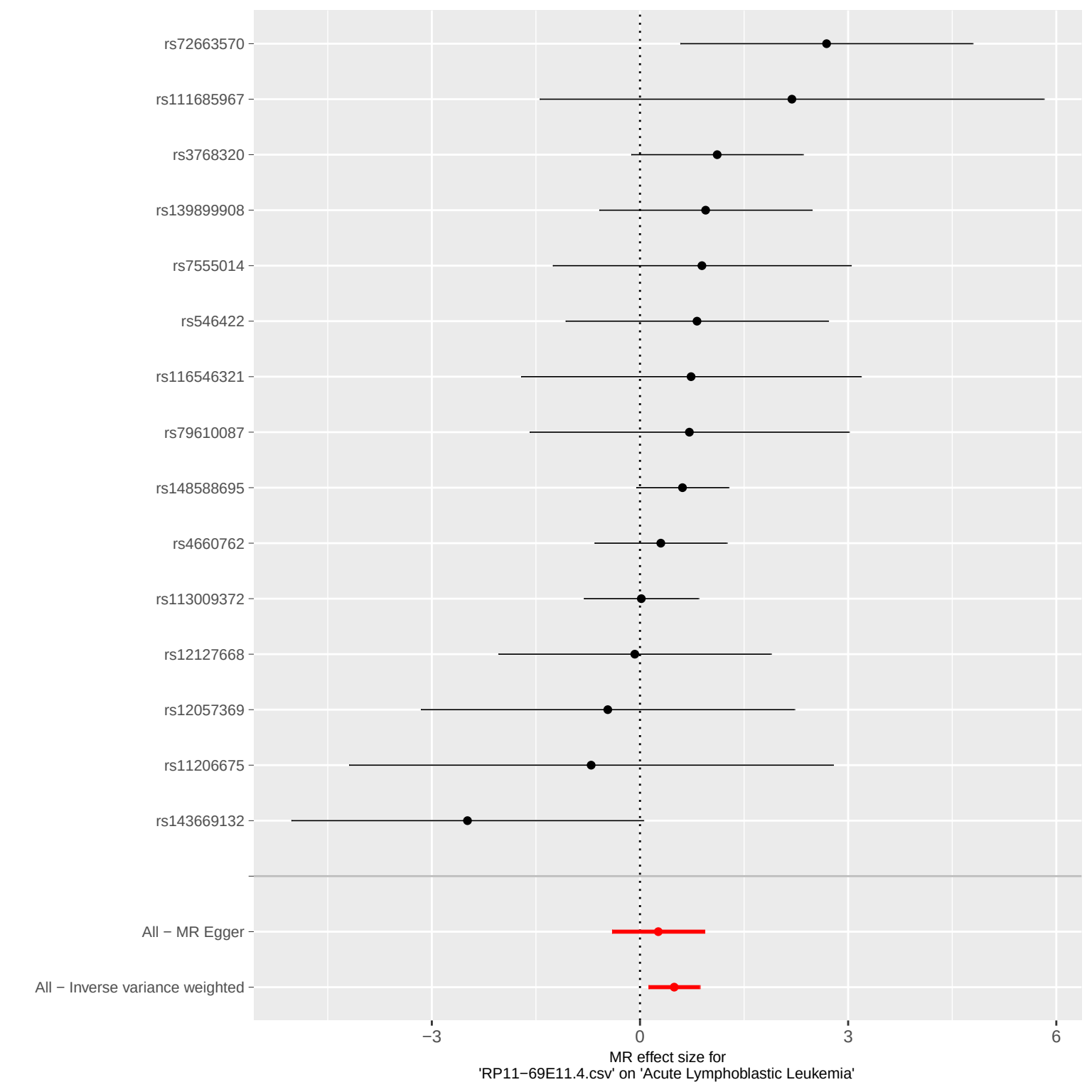
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All − MR Egger
All − Inverse variance weighted
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0
3
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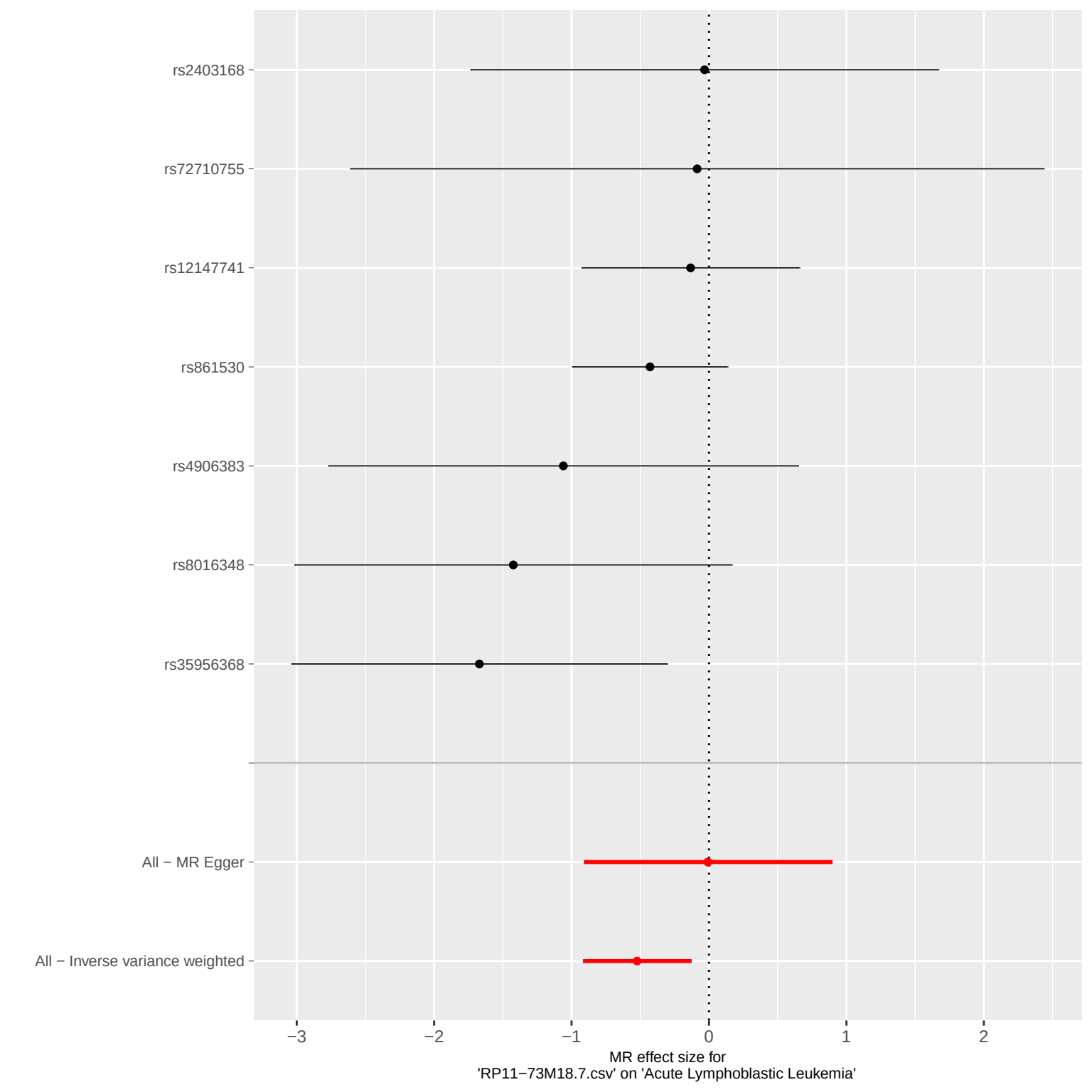
MR effect size for
'RP11−69E11.4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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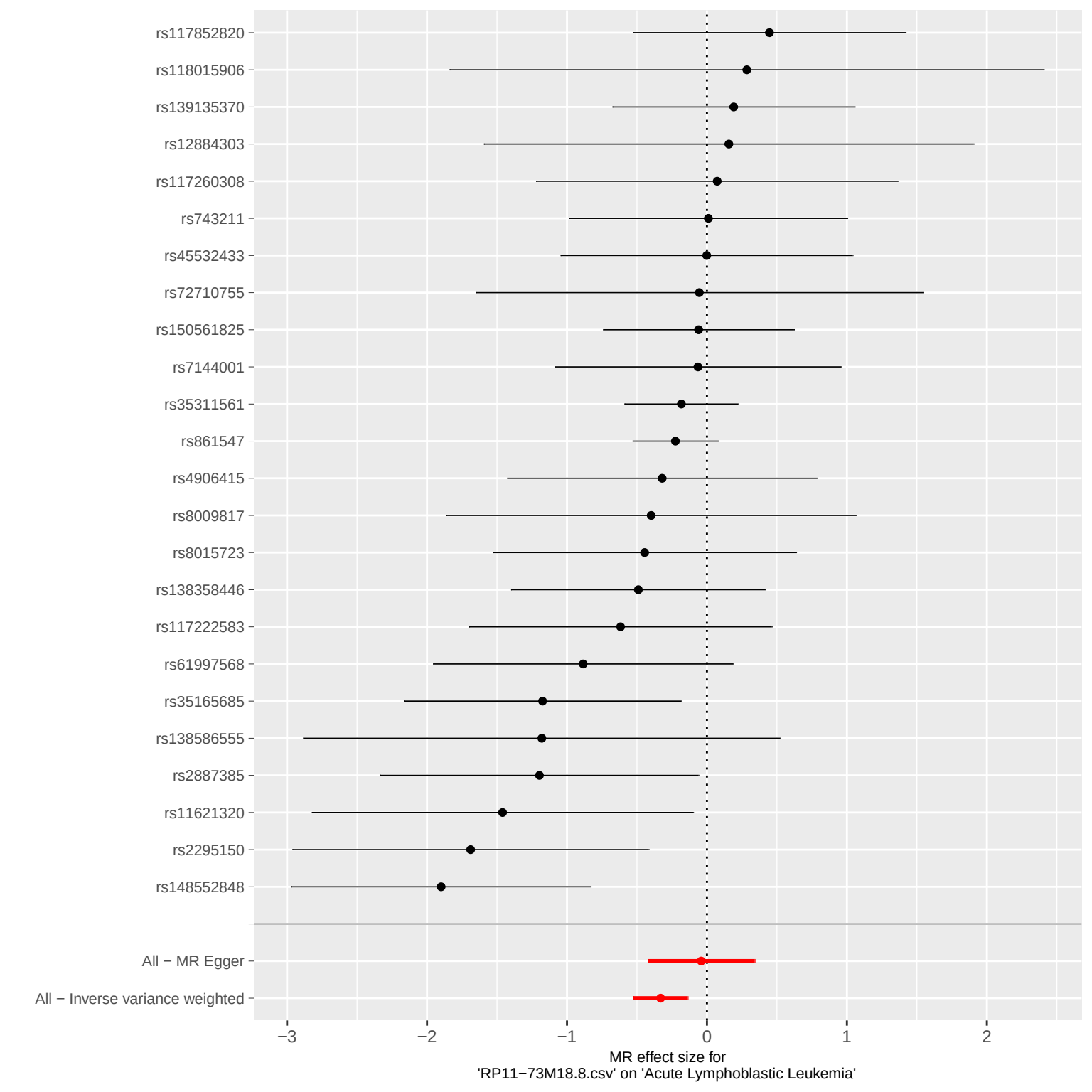
−2
−1
0
1
2
MR effect size for
'RP11−73M18.7.csv' on 'Acute Lymphoblastic Leukemia'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rs2887385
rs11621320
rs2295150
rs148552848
All − MR Egger
All − Inverse variance weighted
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−2
−1
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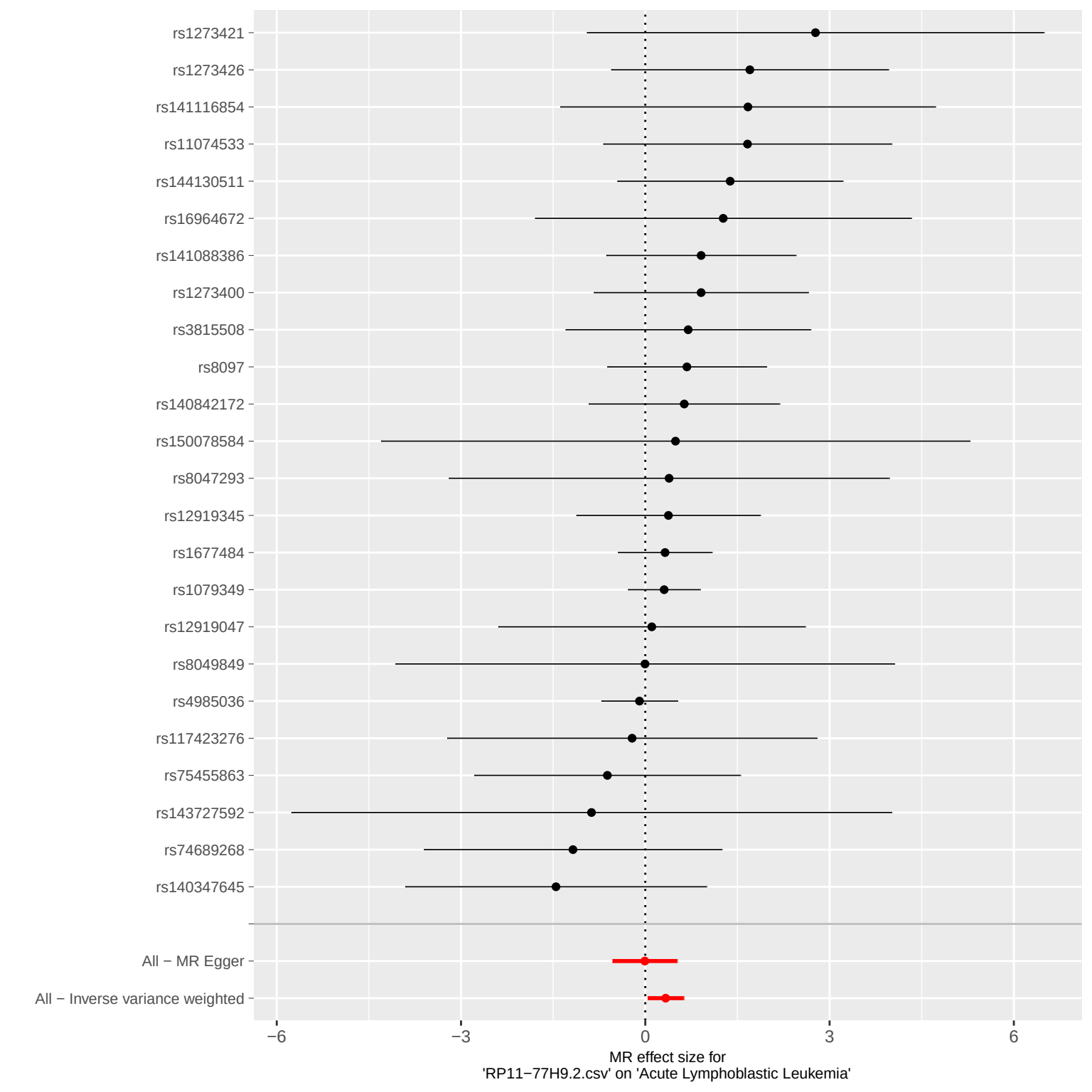
MR effect size for
'RP11−73M18.8.csv' on 'Acute Lymphoblastic Leukemia'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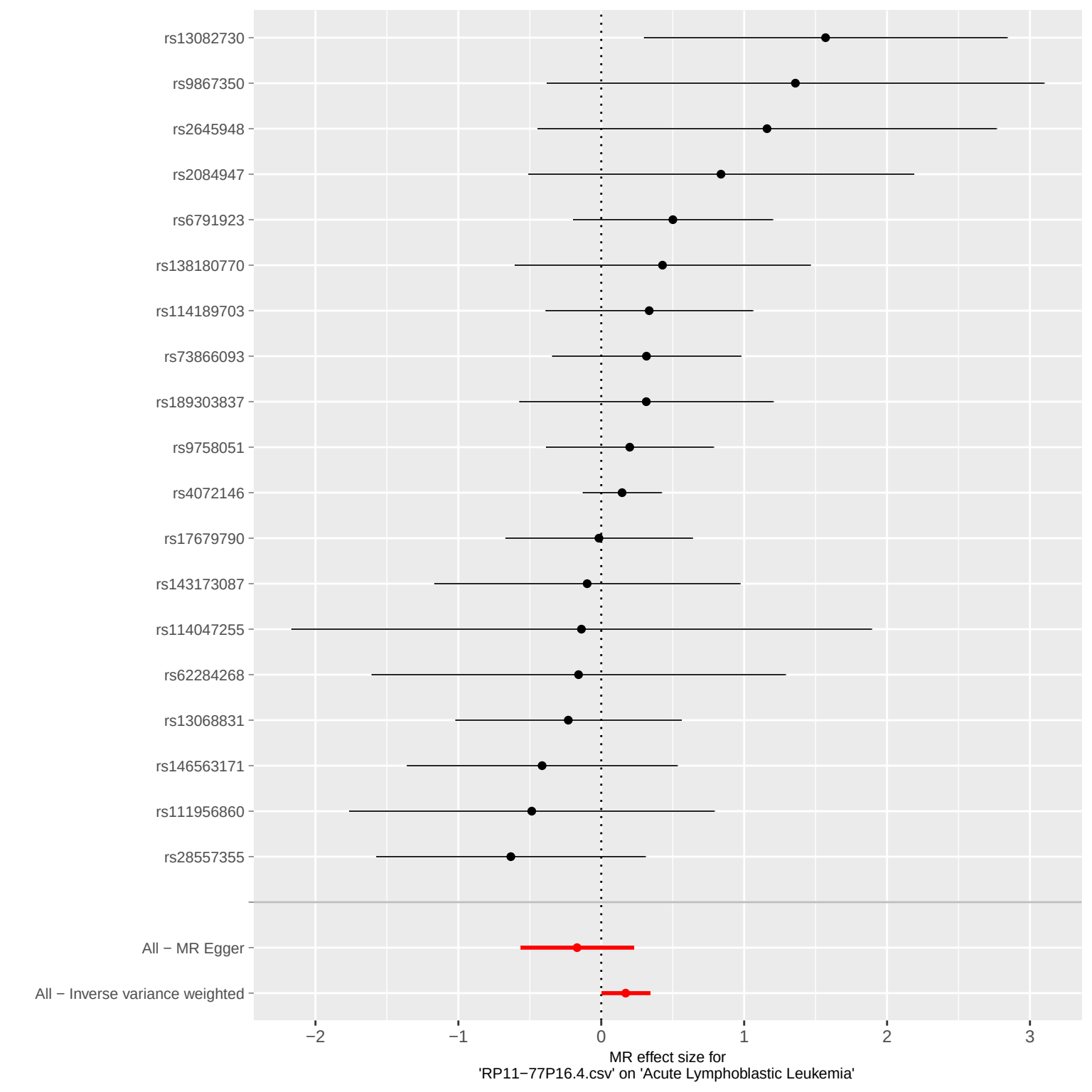
−3
0
3
6
MR effect size for
'RP11−77H9.2.csv' on 'Acute Lymphoblastic Leukemia'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rs17679790
rs143173087
rs114047255
rs62284268
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All − MR Egger
All − Inverse variance weighted
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−1
0
1
2
3
MR effect size for
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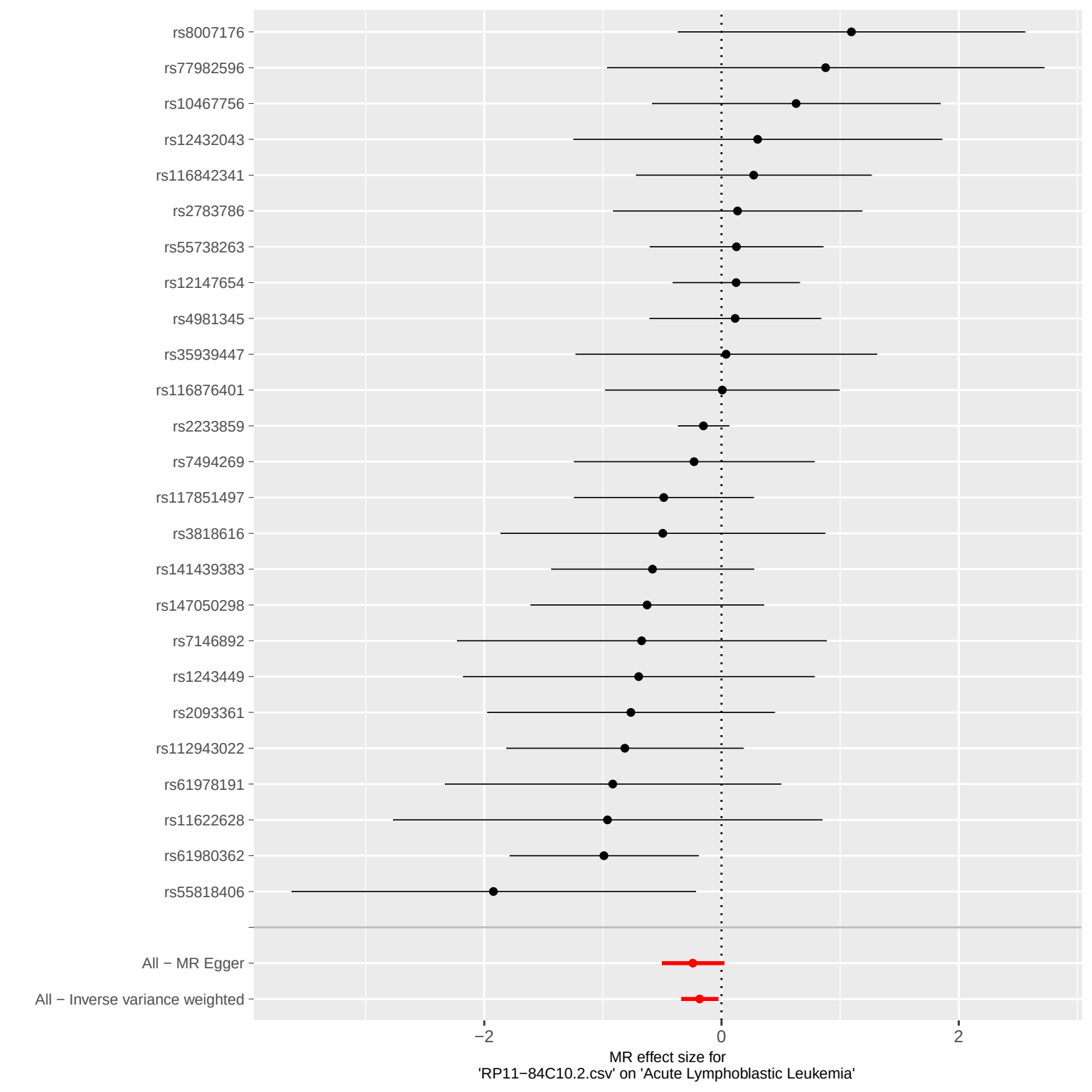
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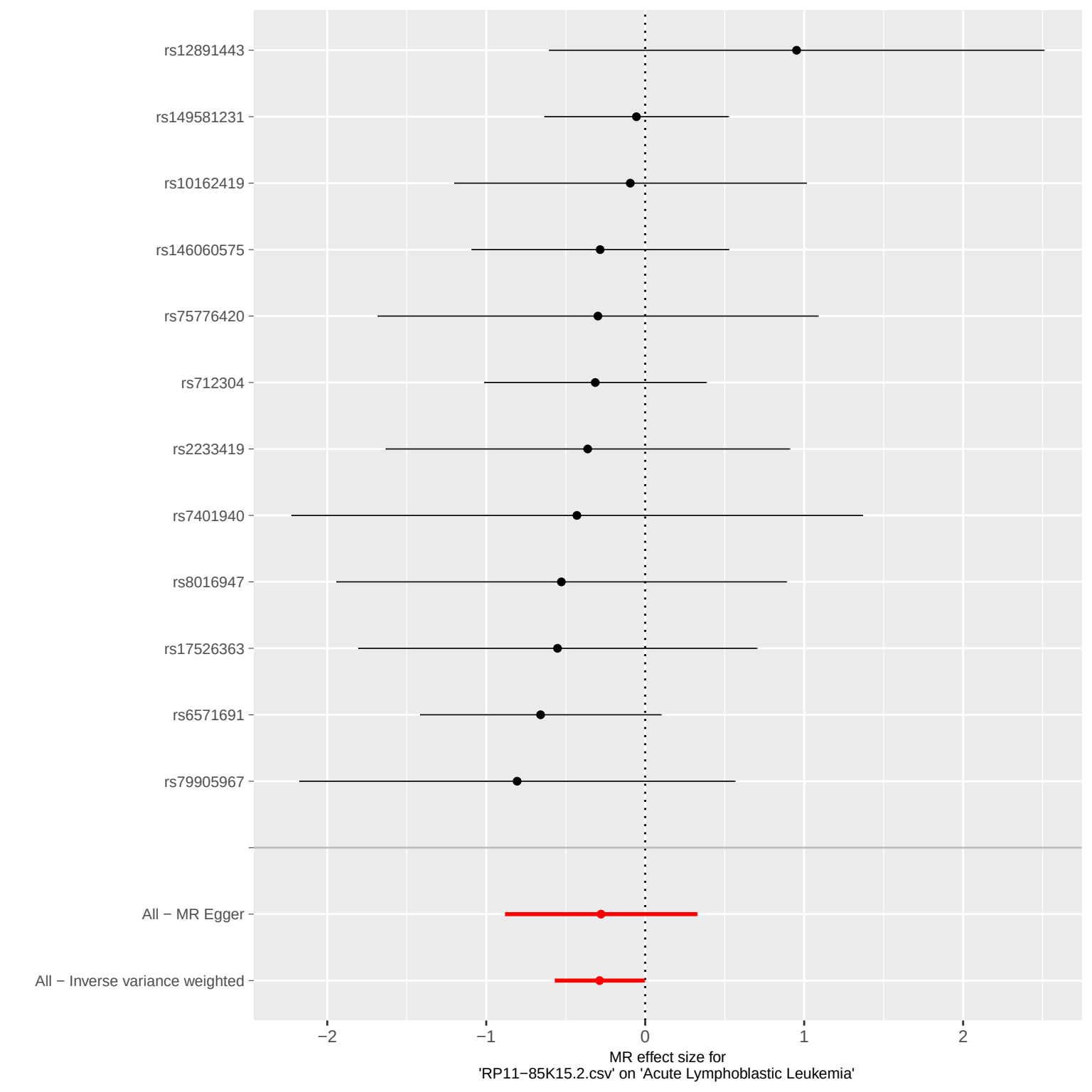
MR effect size for
'RP11−84C10.2.csv' on 'Acute Lymphoblastic Leukemia'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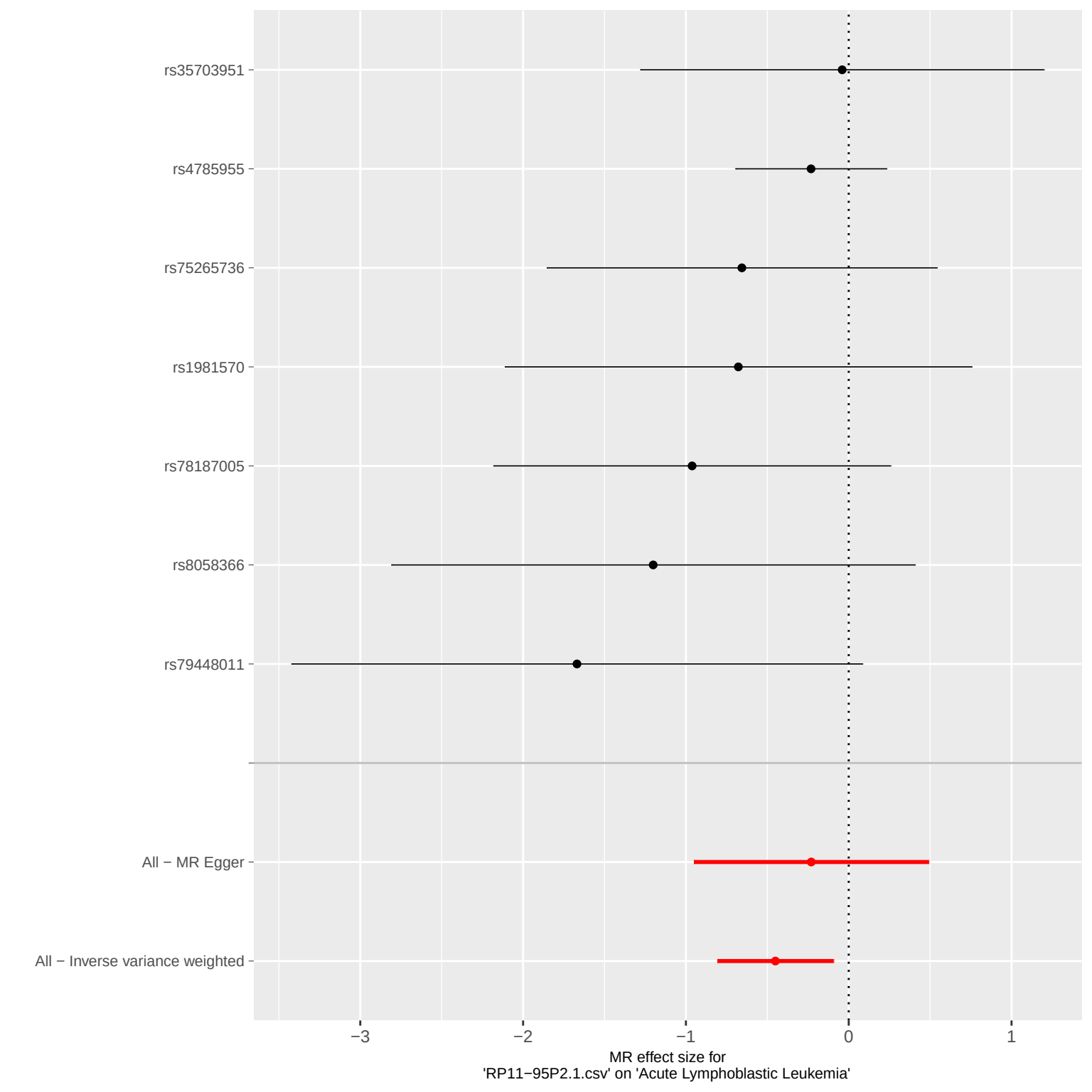
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All − Inverse variance weighted
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−2
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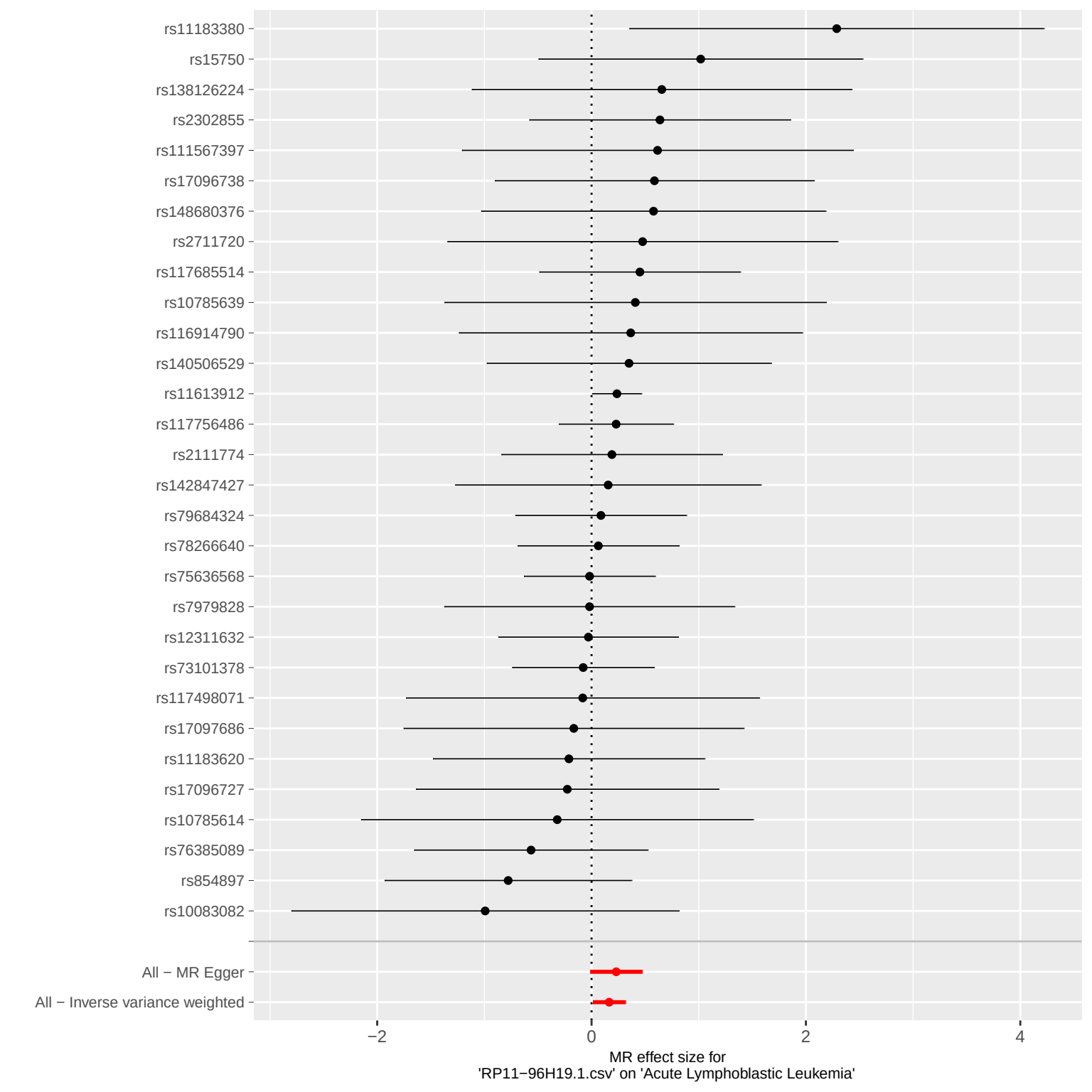
MR effect size for
'RP11−95P2.1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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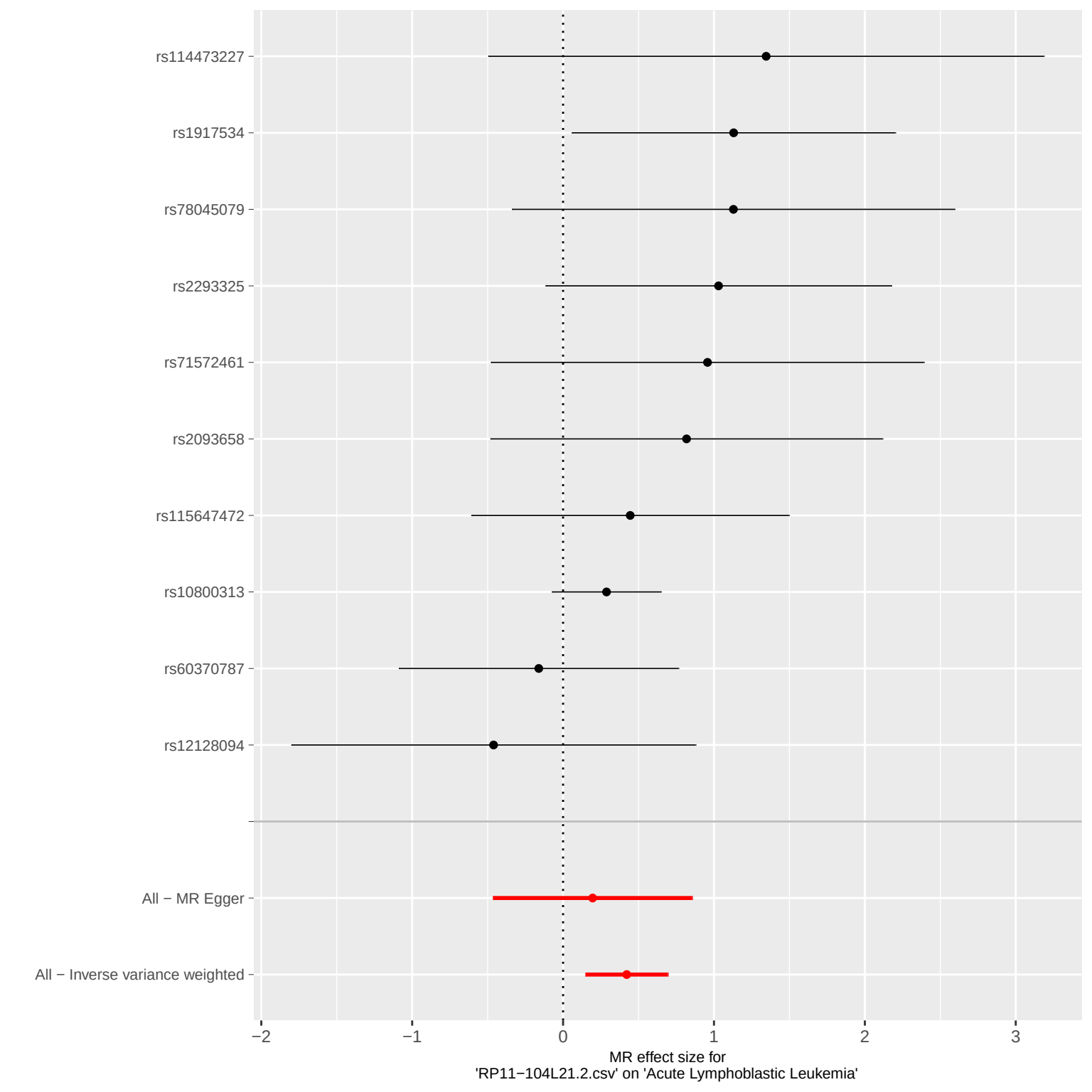
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All − MR Egger
All − Inverse variance weighted
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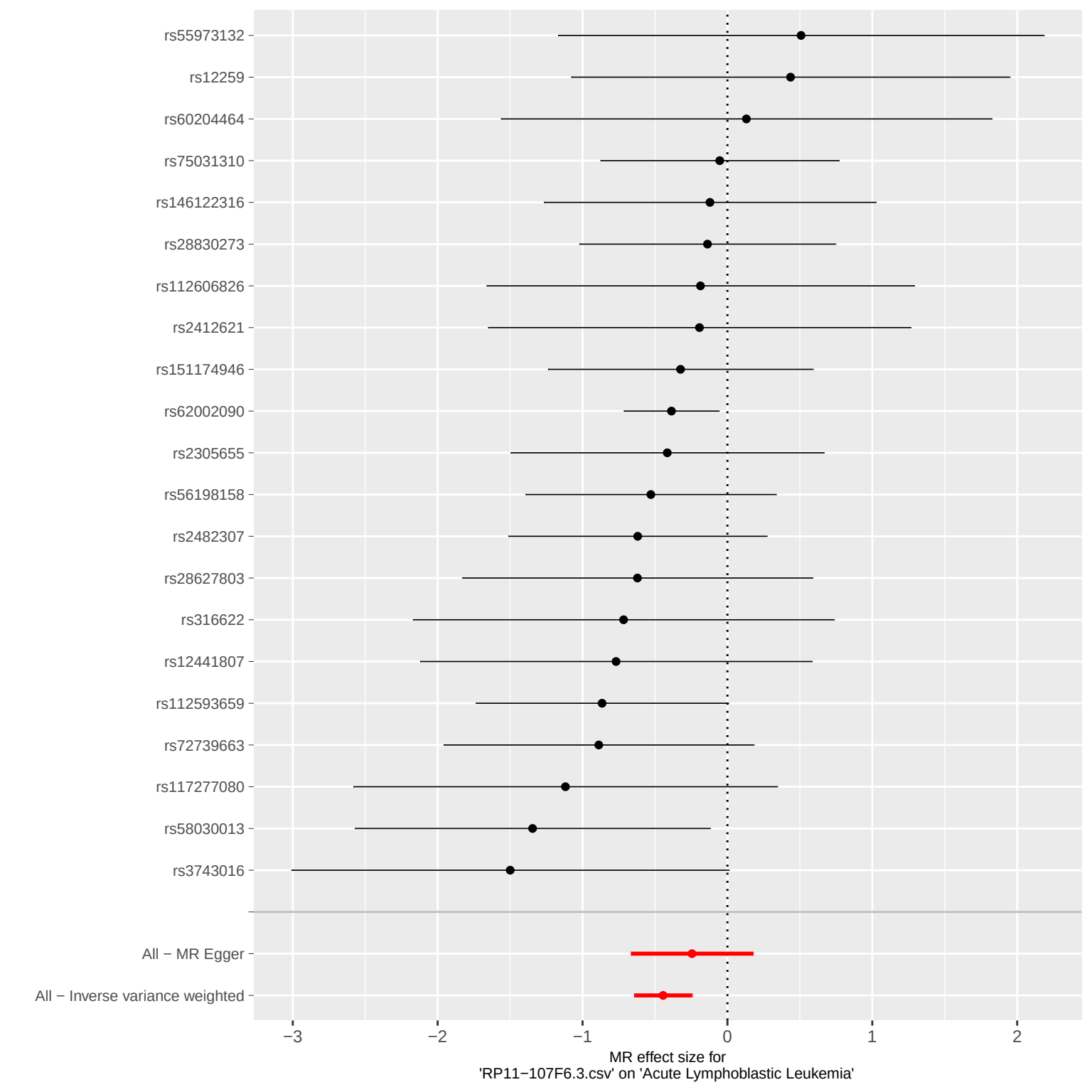
−1
0
1
2
3
MR effect size for
'RP11−104L21.2.csv' on 'Acute Lymphoblastic Leukemia'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rs72739663
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rs3743016
All − MR Egger
All − Inverse variance weighted
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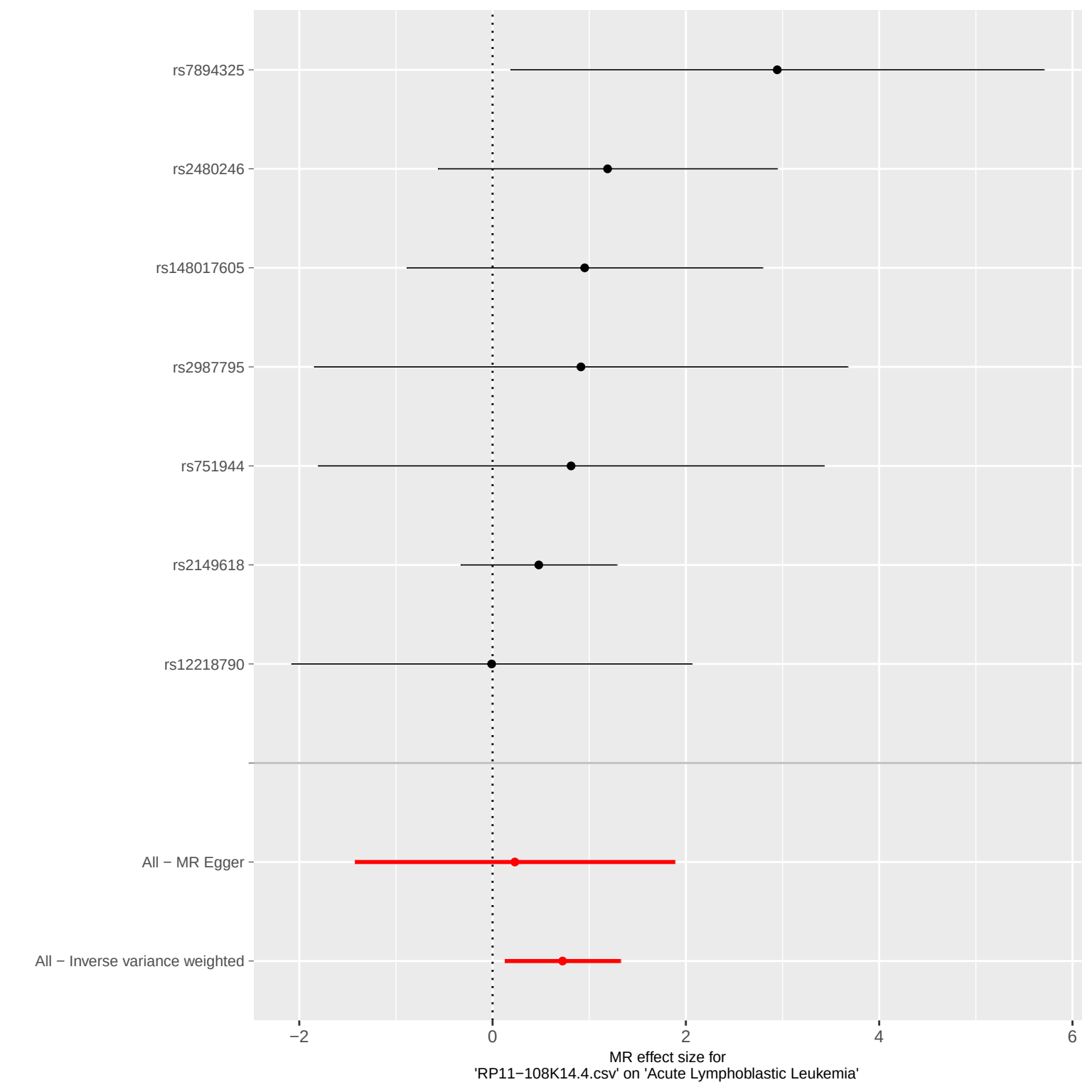
−2
−1
0
1
2
MR effect size for
'RP11−107F6.3.csv' on 'Acute Lymphoblastic Leukemia'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4
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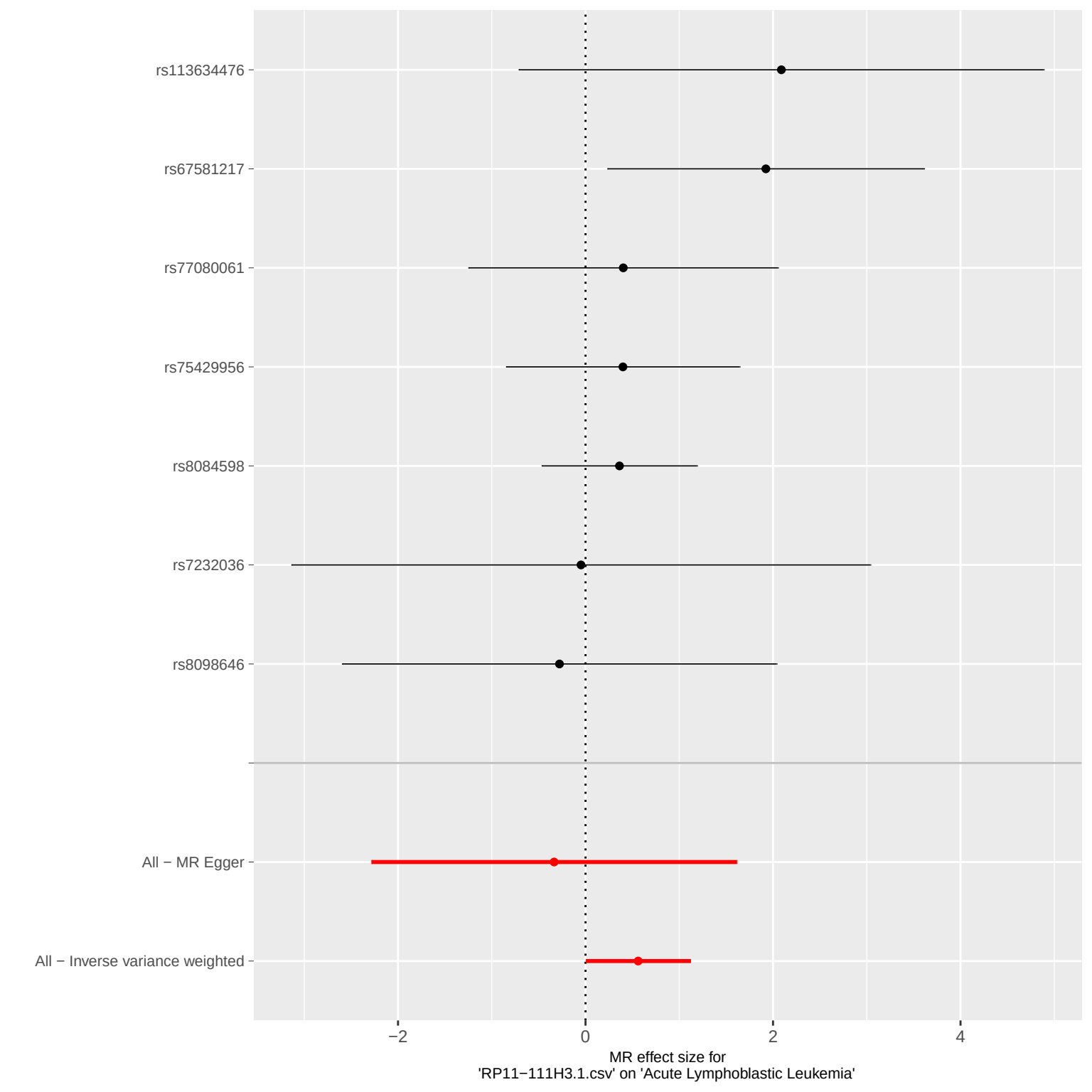
MR effect size for
'RP11−108K14.4.csv' on 'Acute Lymphoblastic Leukemia'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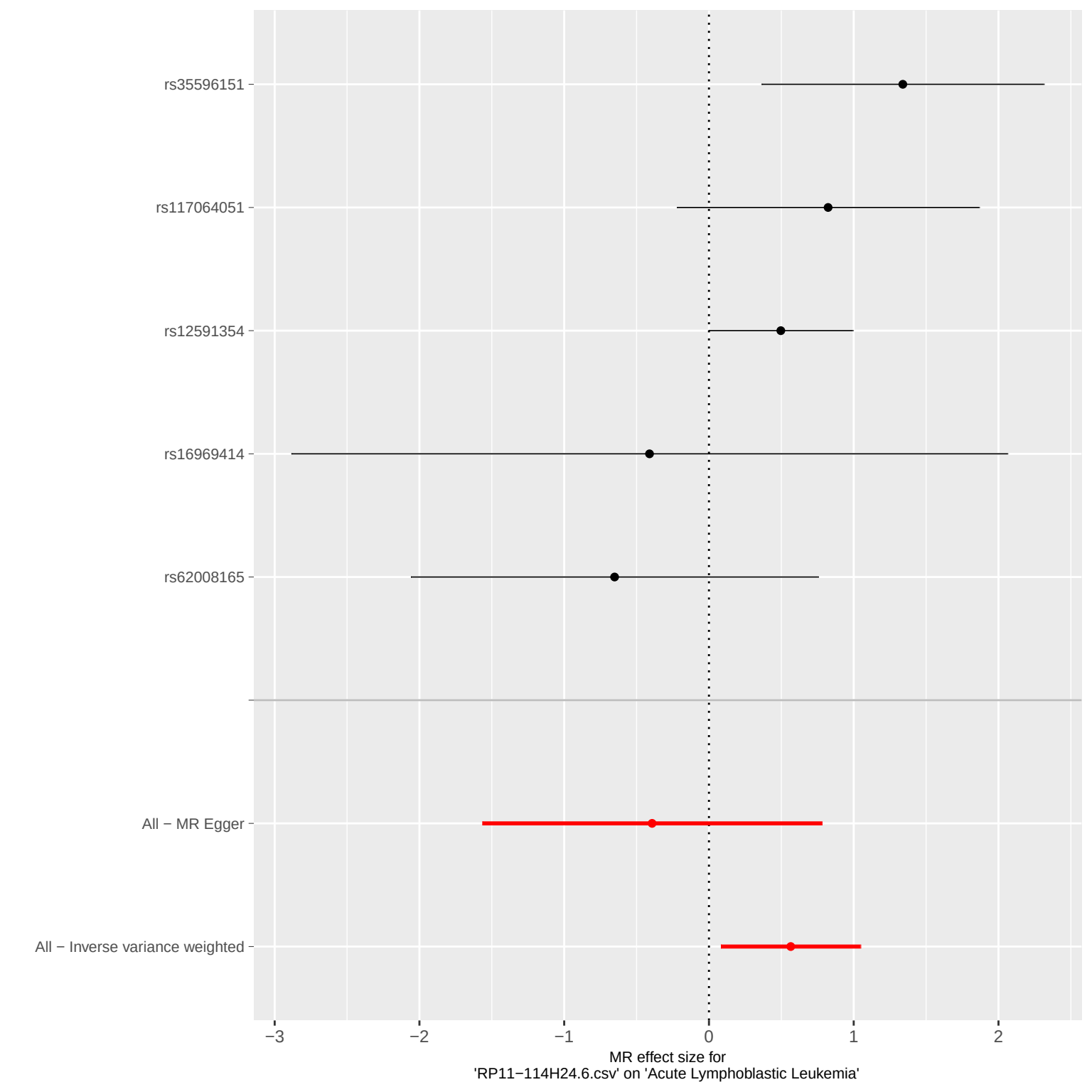
2
4
MR effect size for
'RP11−111H3.1.csv' on 'Acute Lymphoblastic Leukemia'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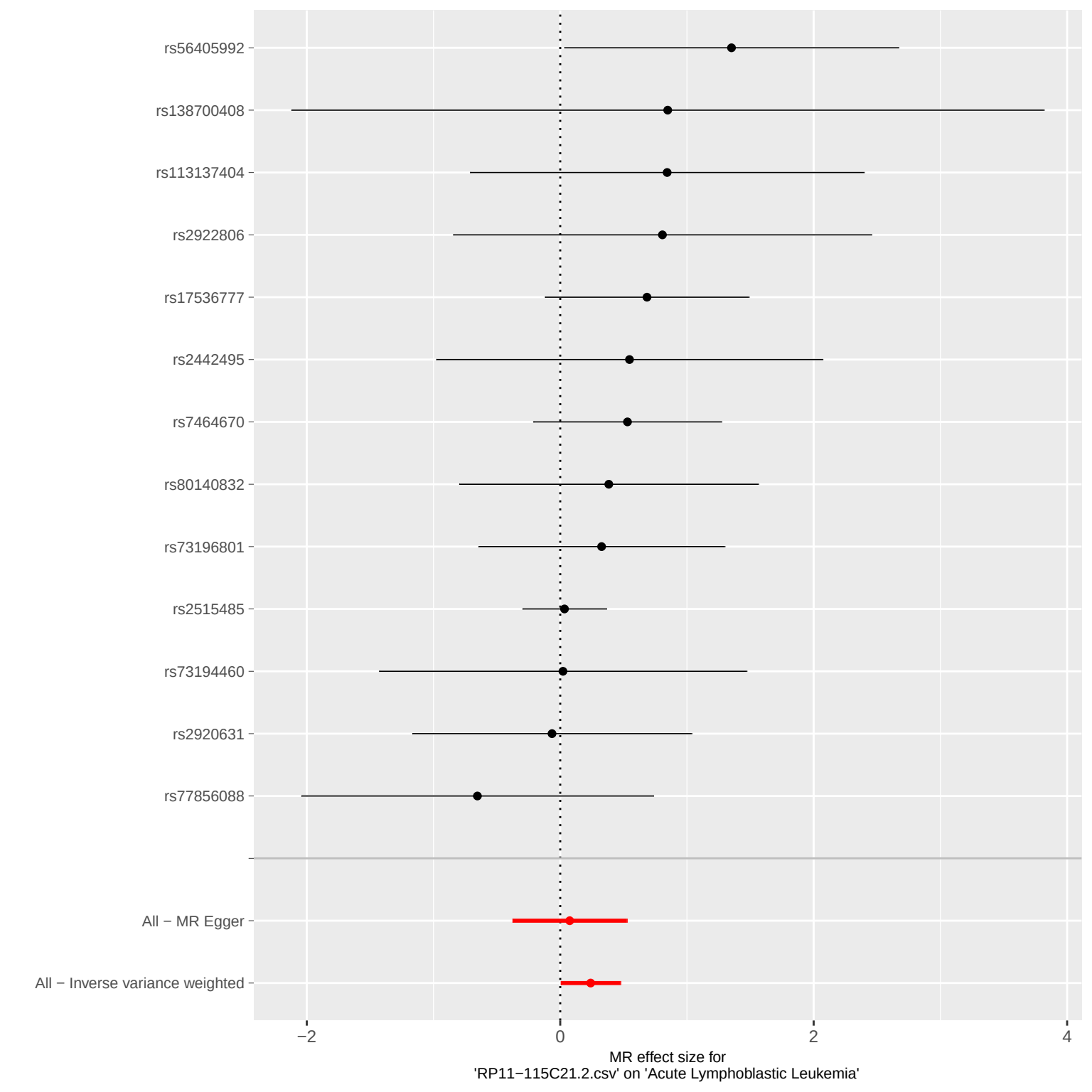
MR effect size for
'RP11−114H24.6.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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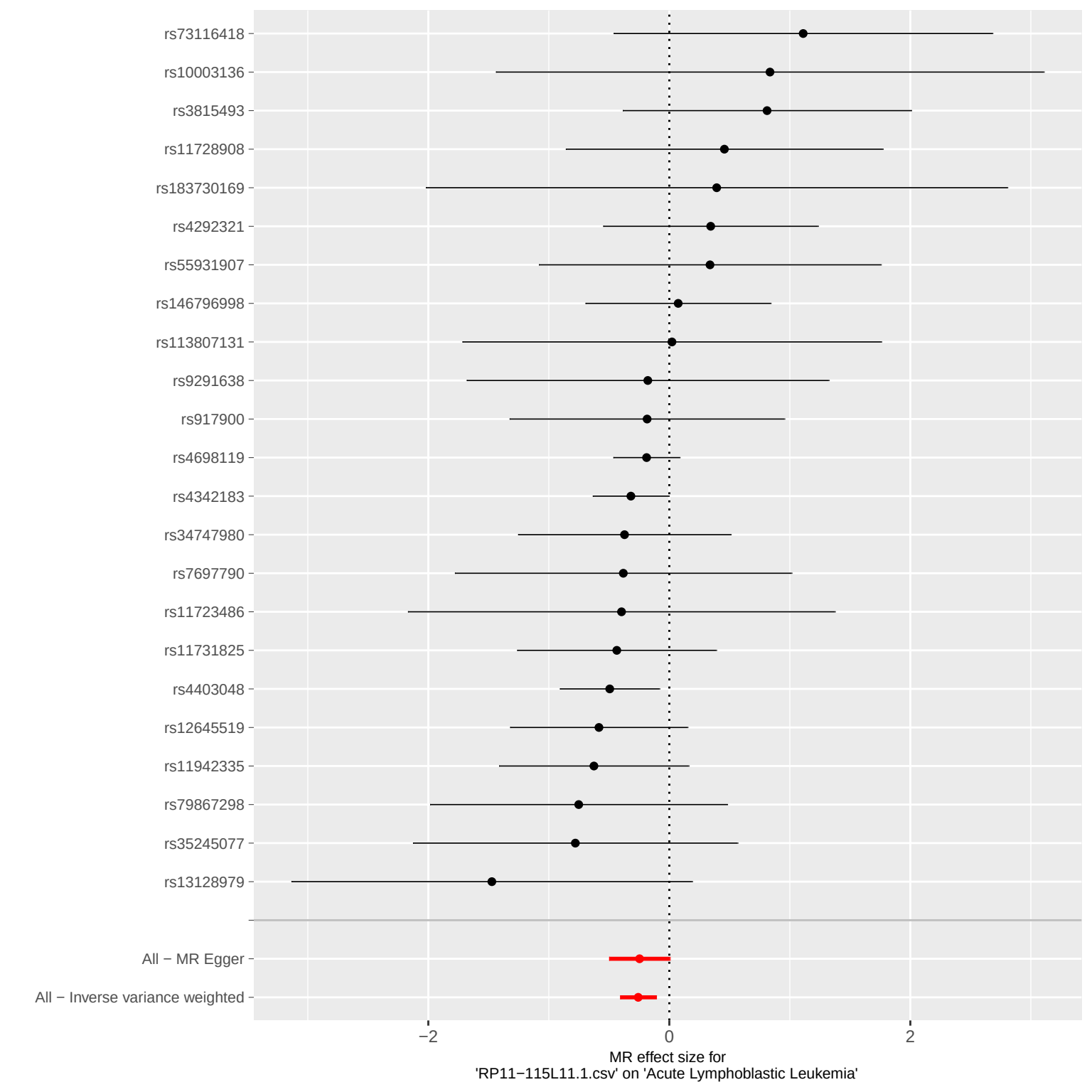
2
4
MR effect size for
'RP11−115C21.2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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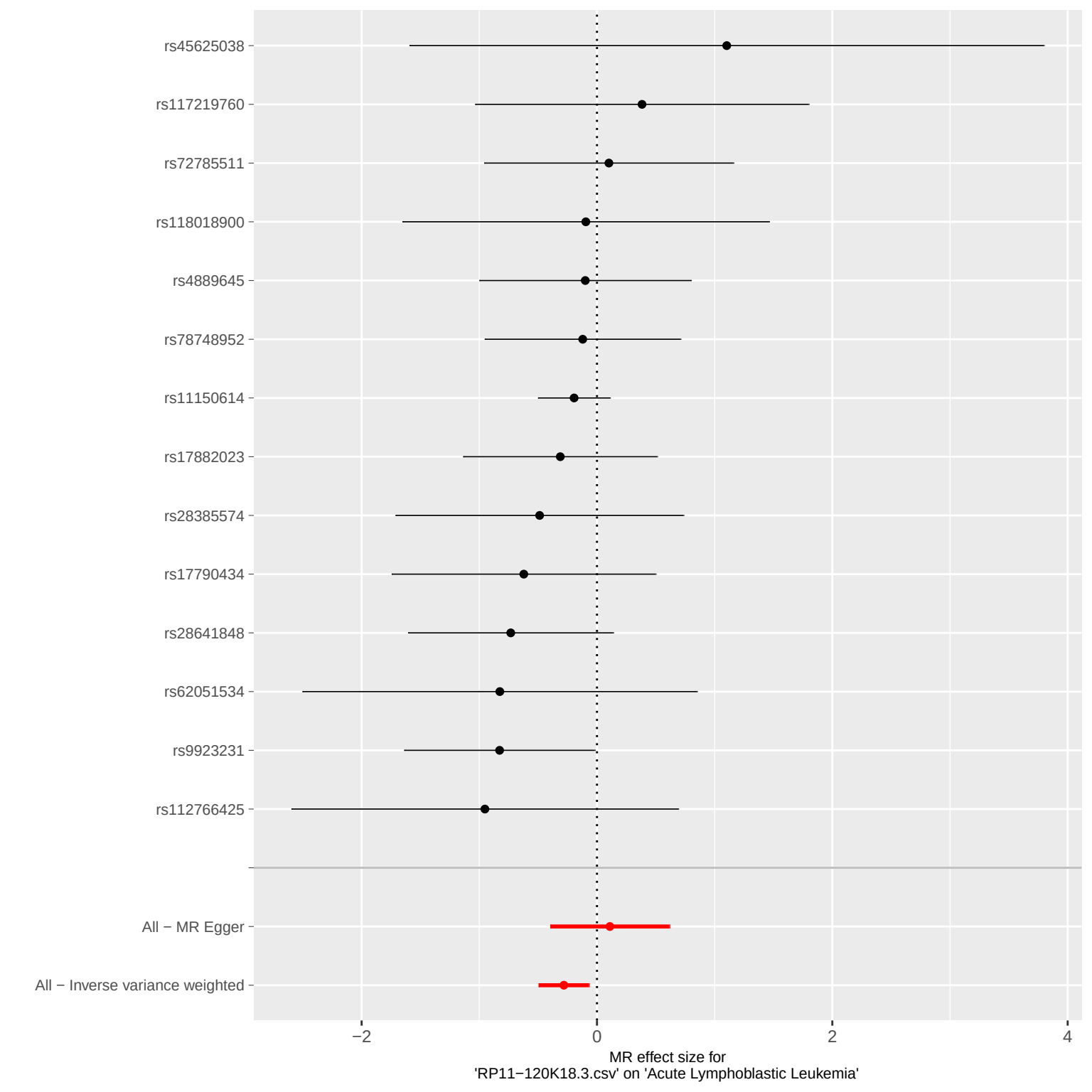
MR effect size for
'RP11−115L11.1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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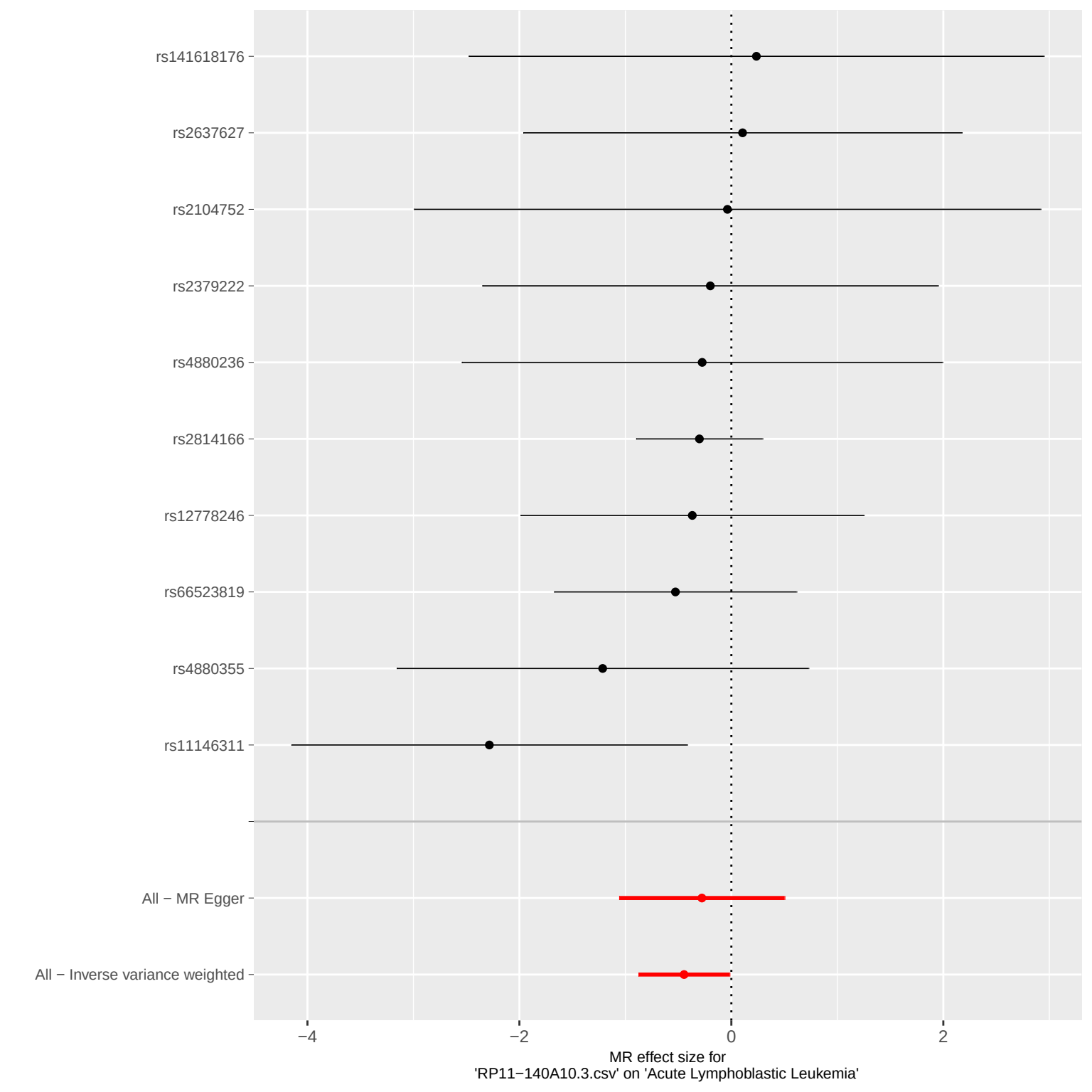
MR effect size for
'RP11−120K18.3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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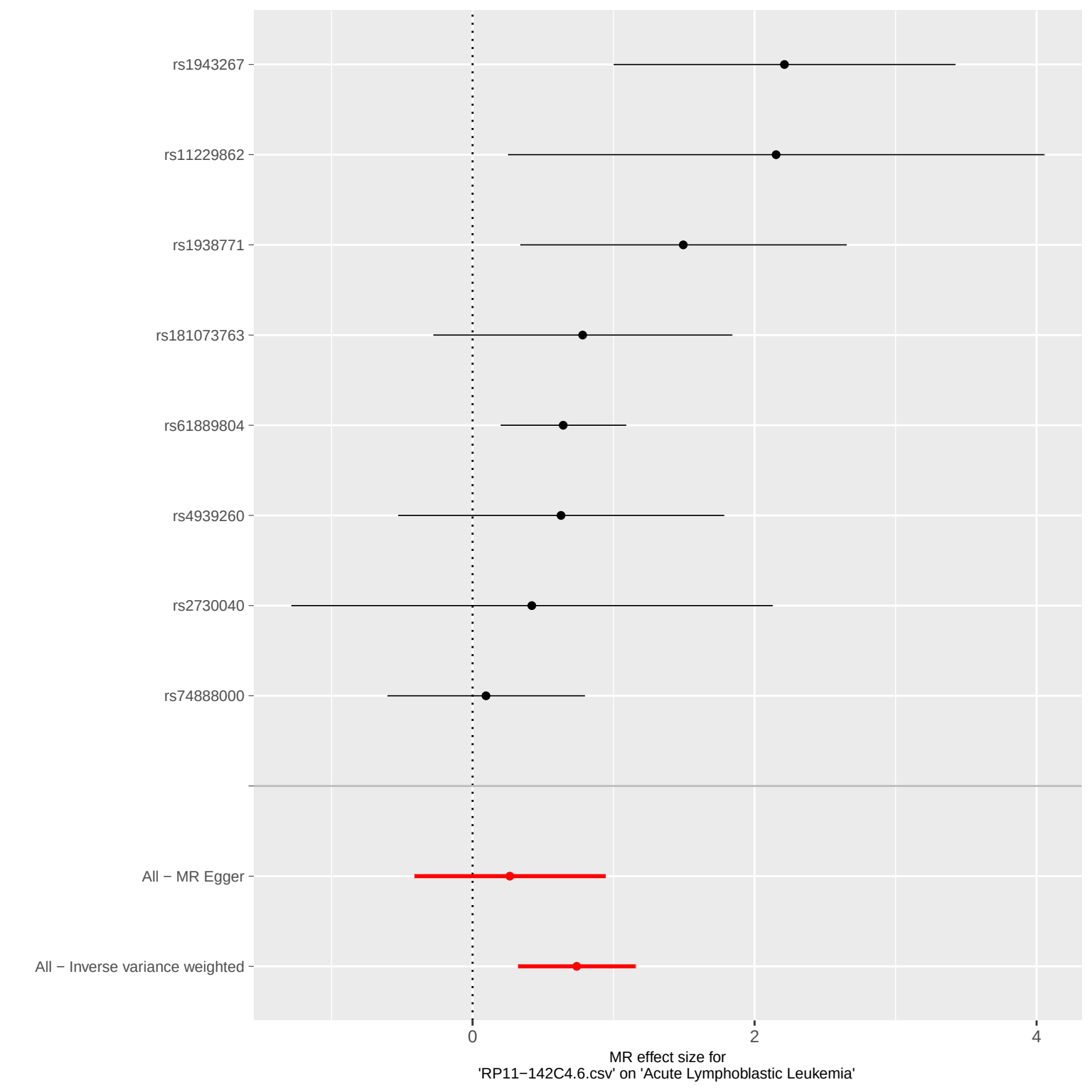
−2
0
2
MR effect size for
'RP11−140A10.3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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2
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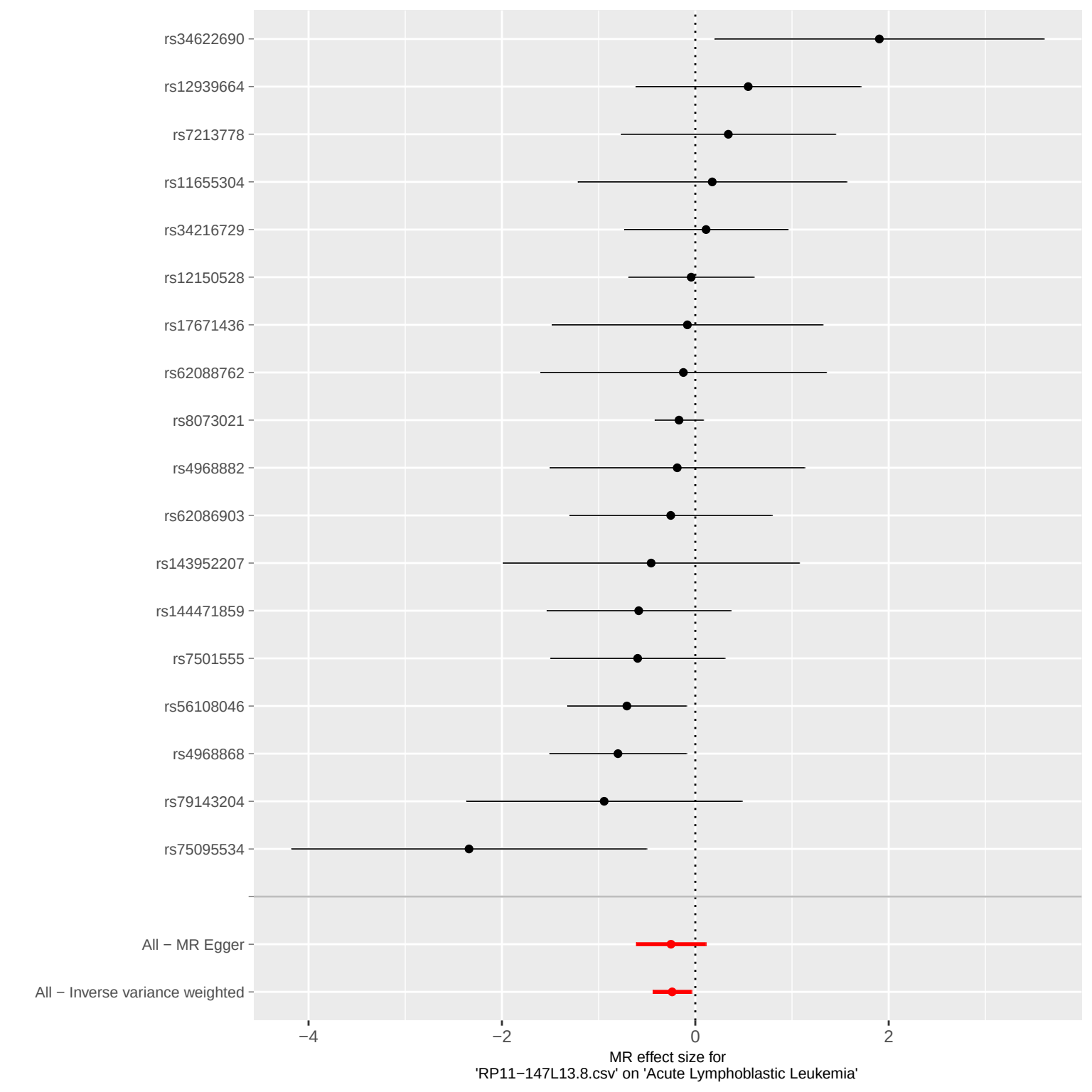
MR effect size for
'RP11−142C4.6.csv' on 'Acute Lymphoblastic Leukemia'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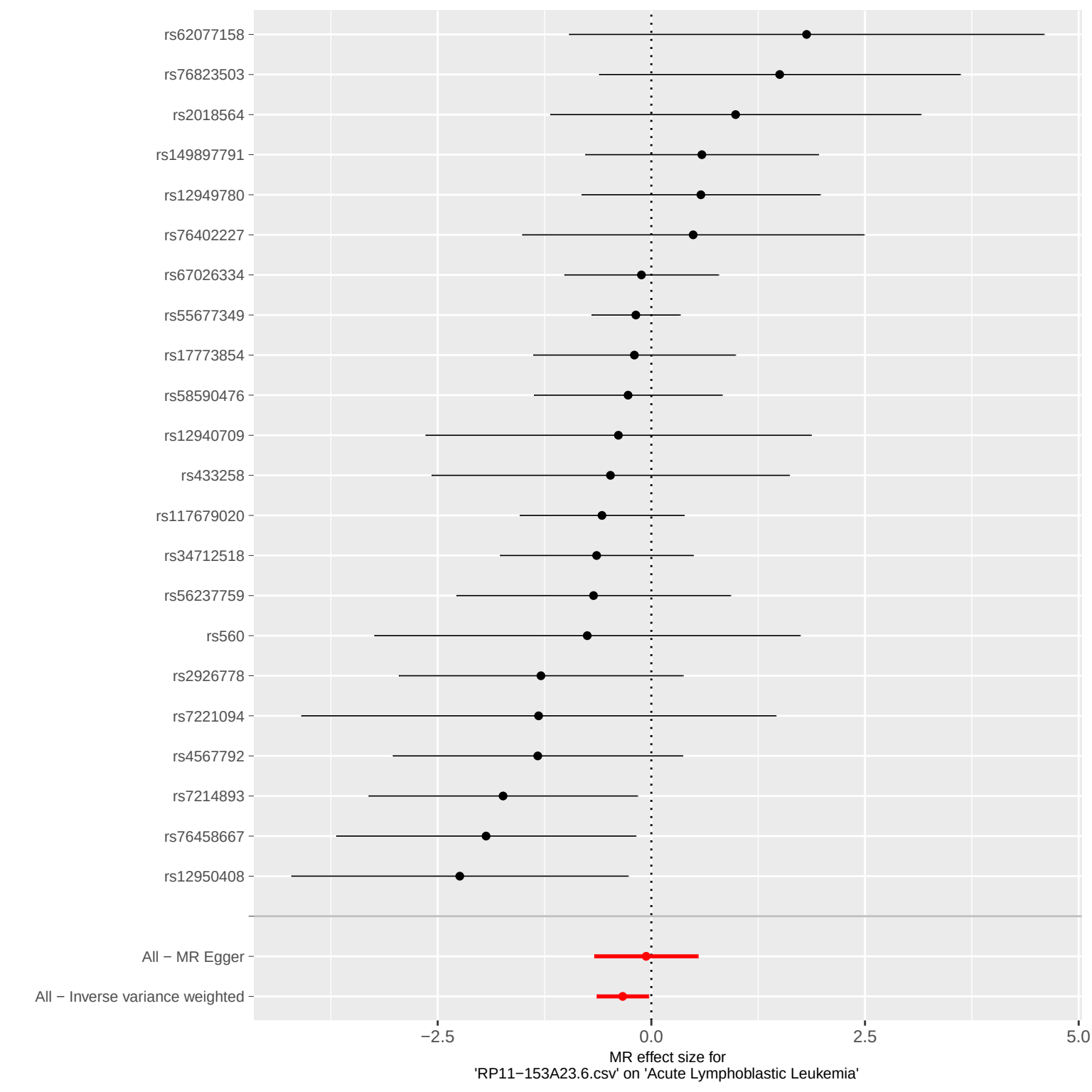
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RP11−147L13.8.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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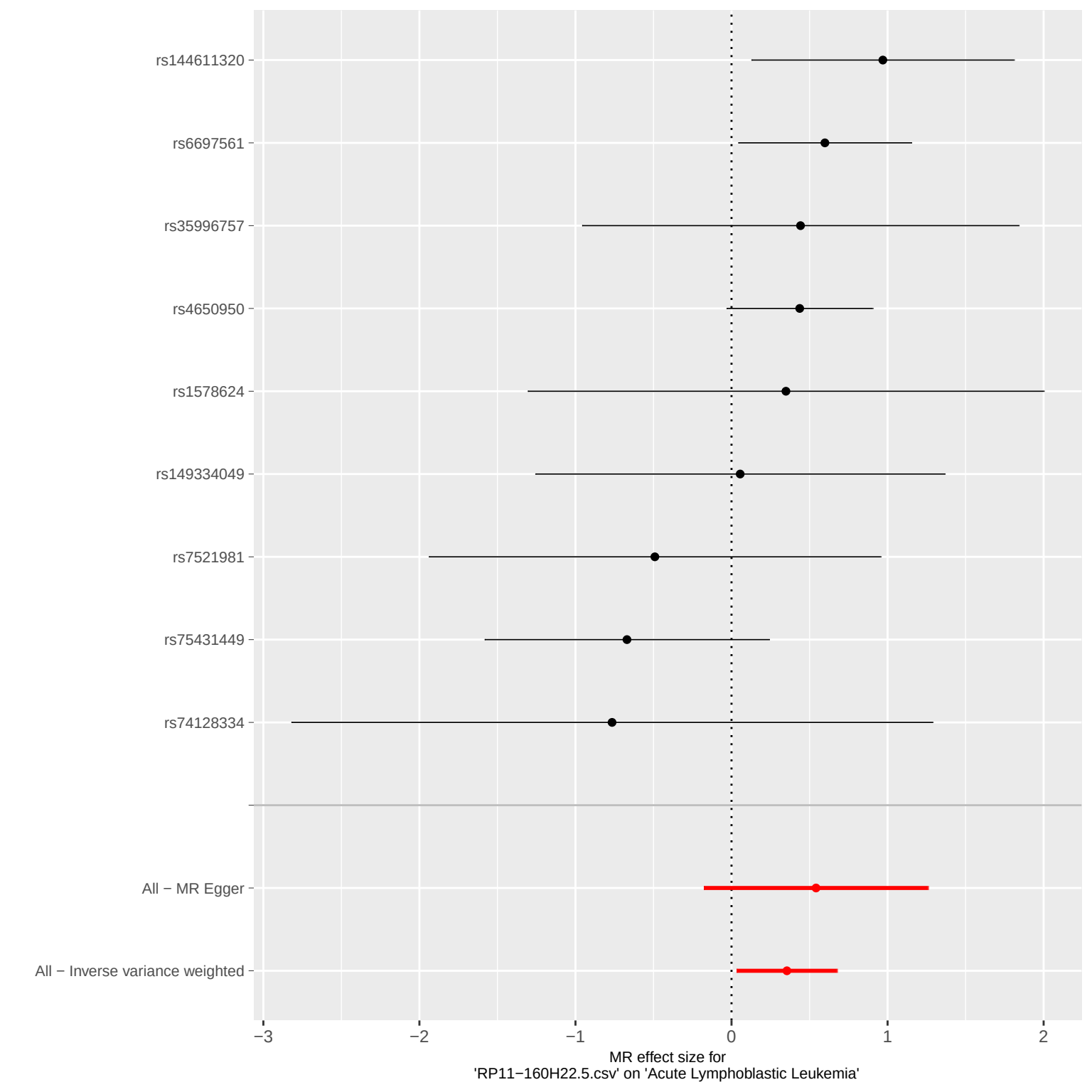
2.5
5.0
MR effect size for
'RP11−153A23.6.csv' on 'Acute Lymphoblastic Leukemia'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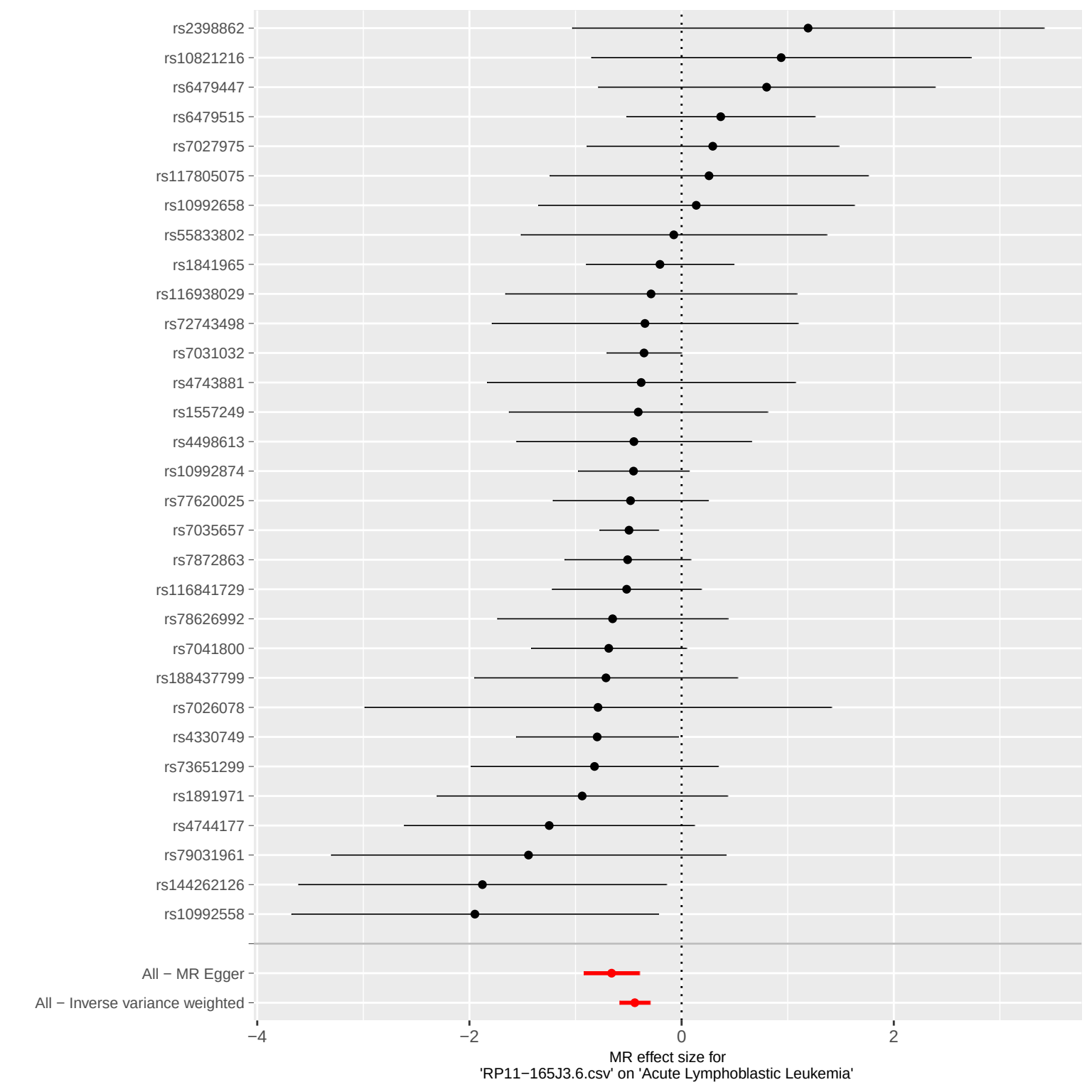
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'RP11−160H22.5.csv' on 'Acute Lymphoblastic Leukemia'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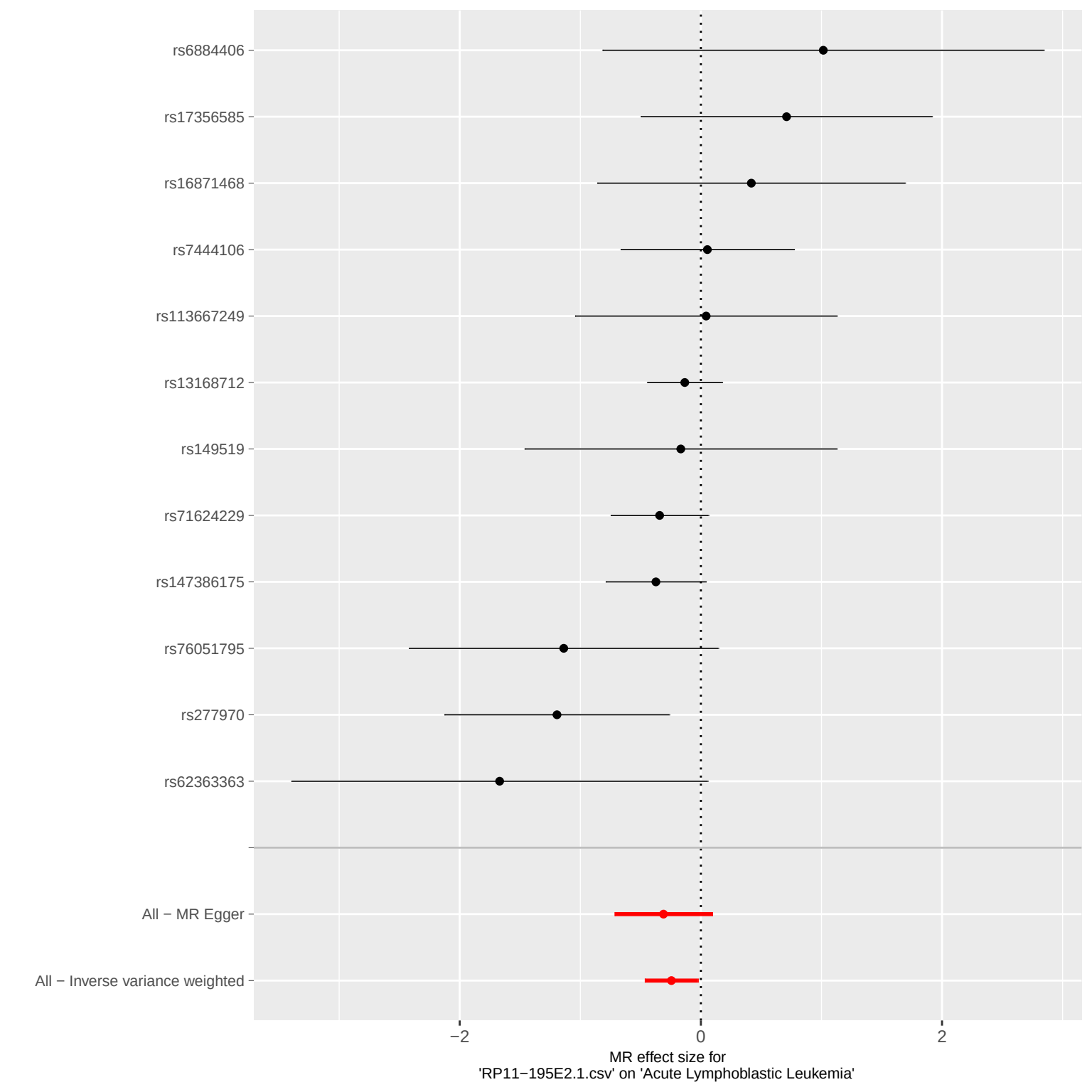
MR effect size for
'RP11−165J3.6.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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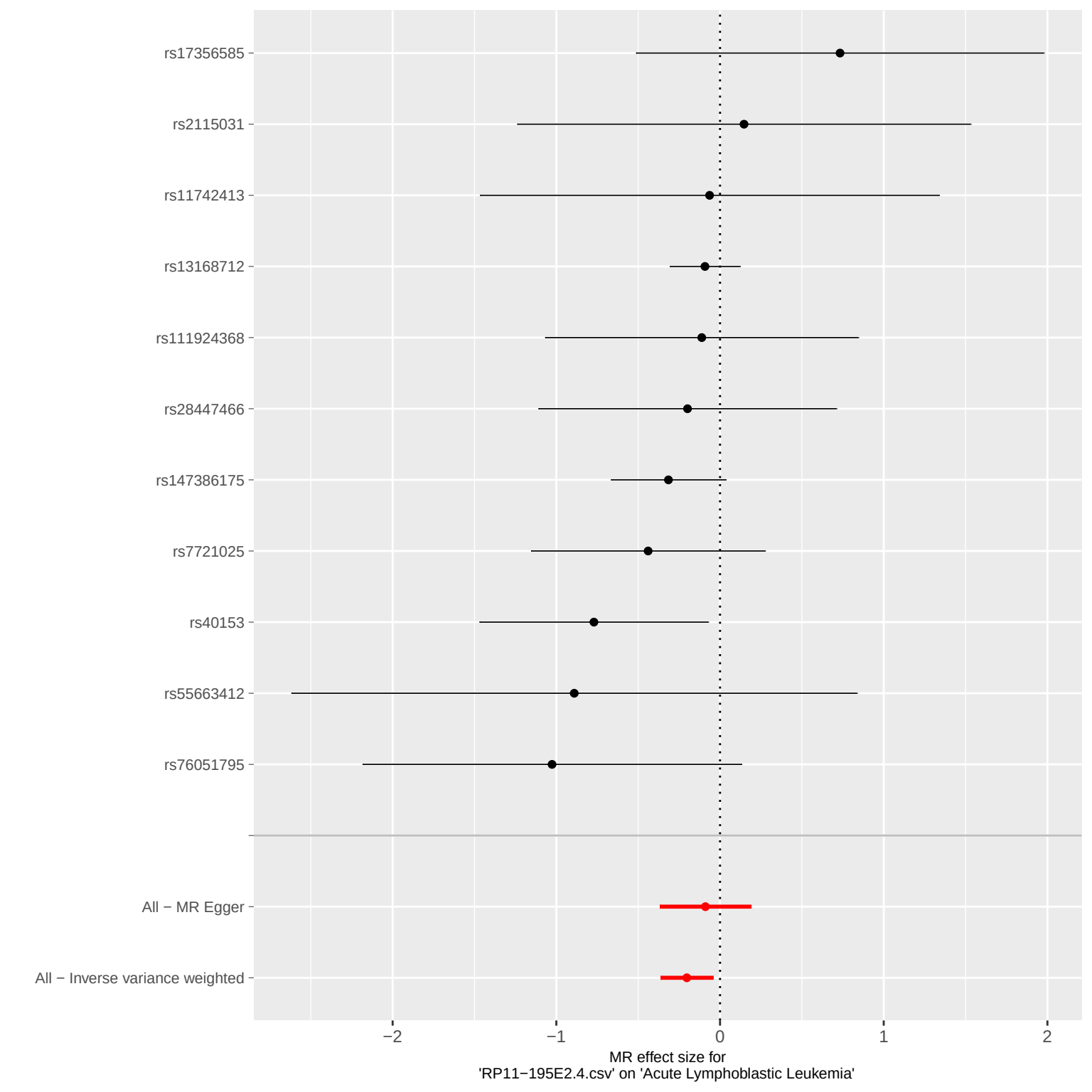
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MR effect size for
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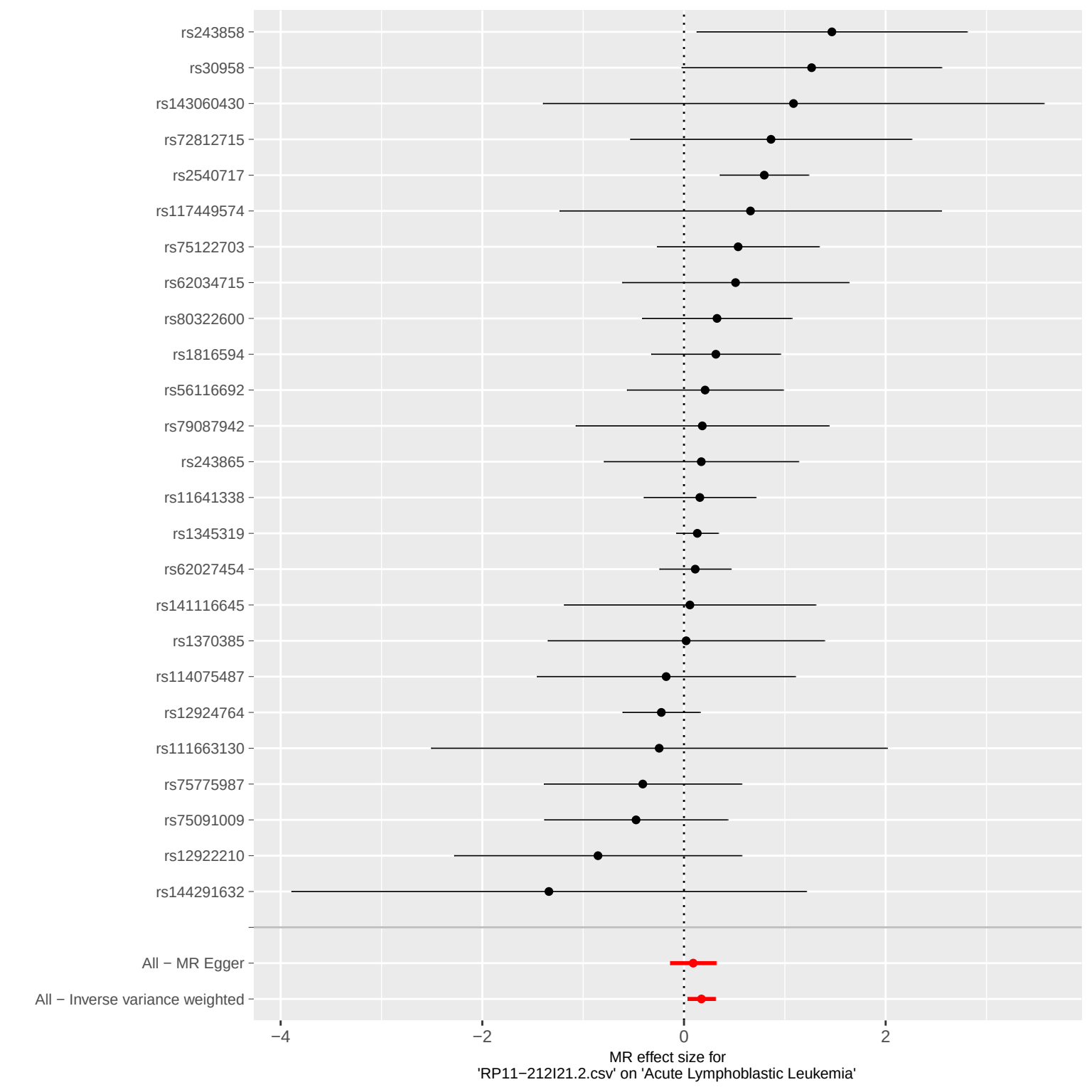
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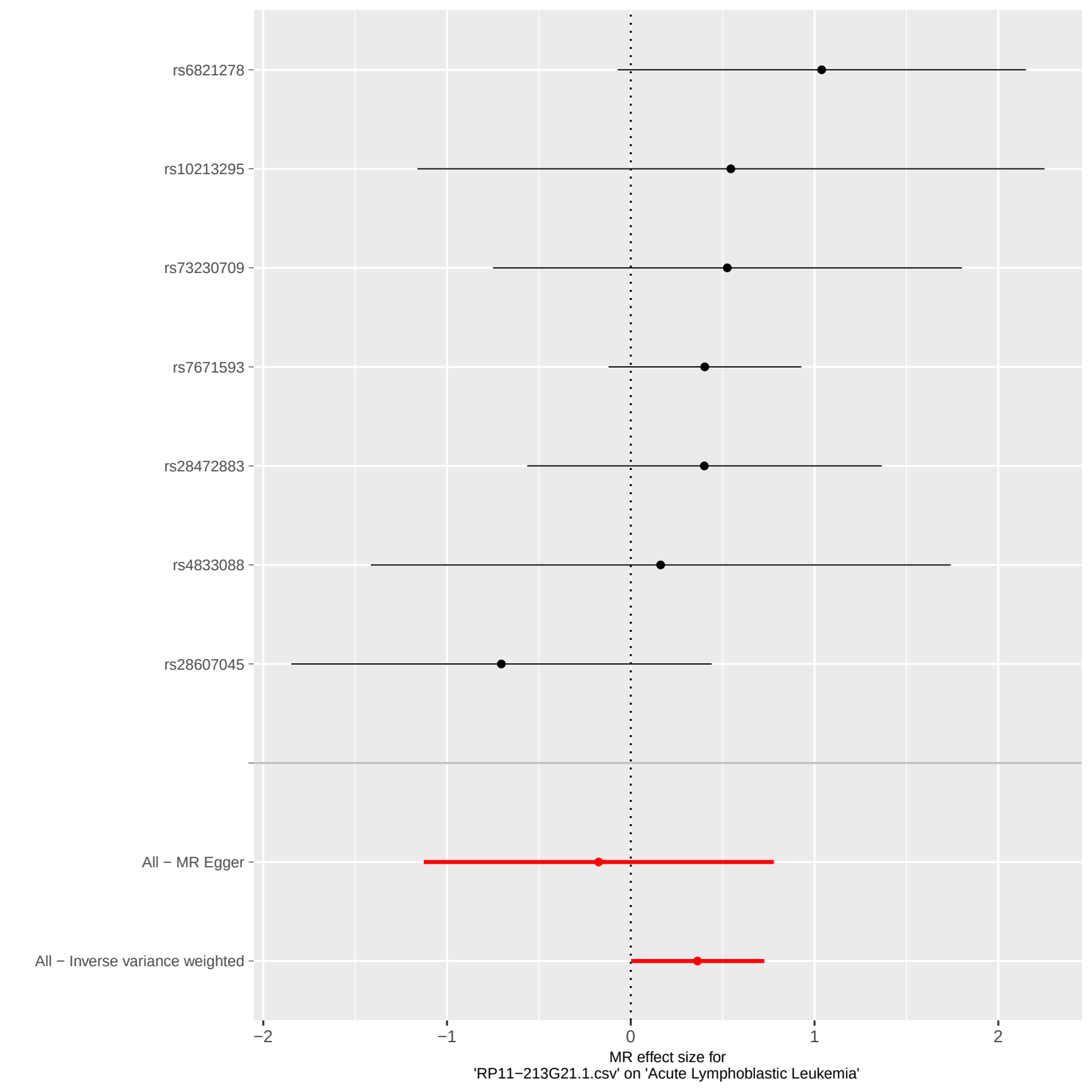
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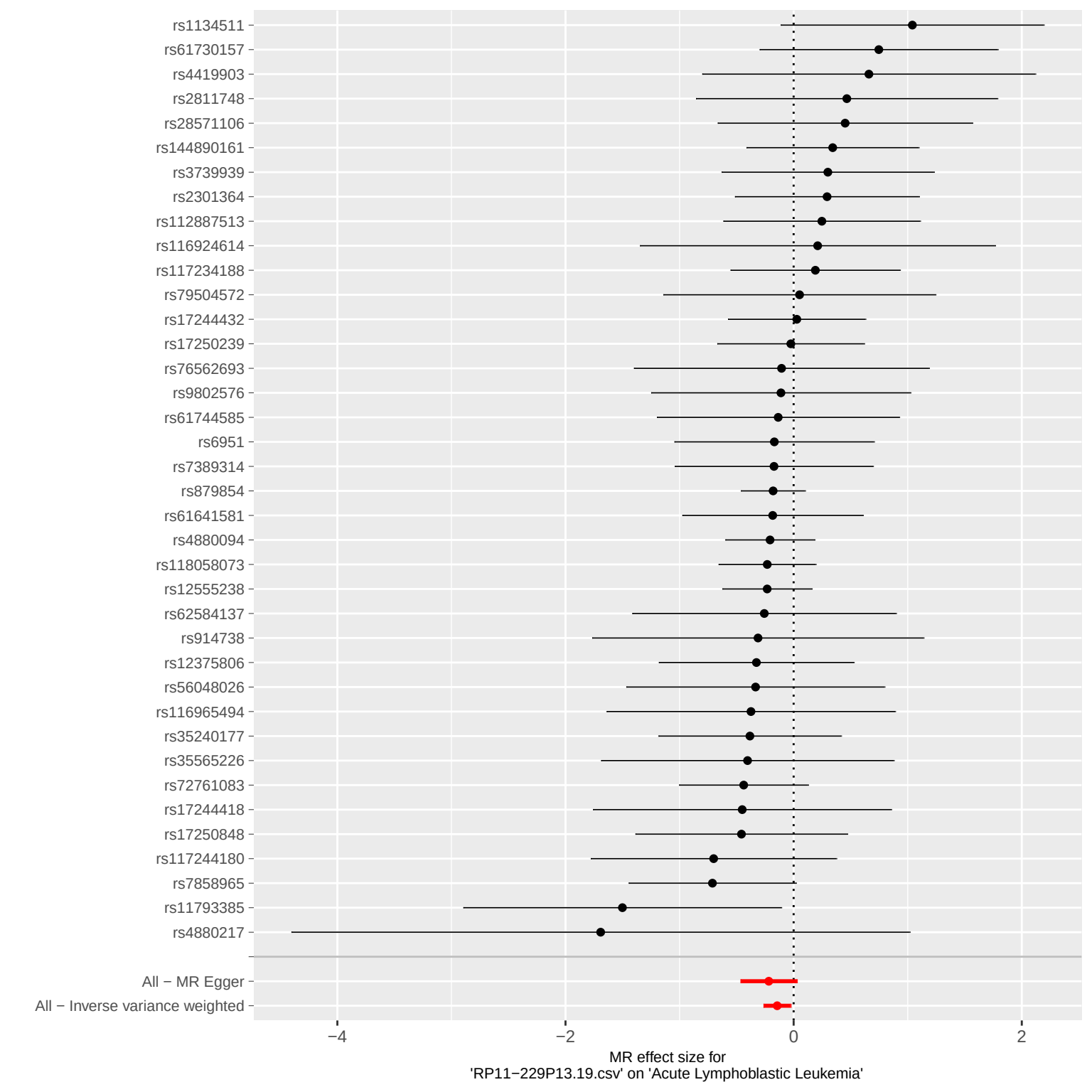
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MR effect size for
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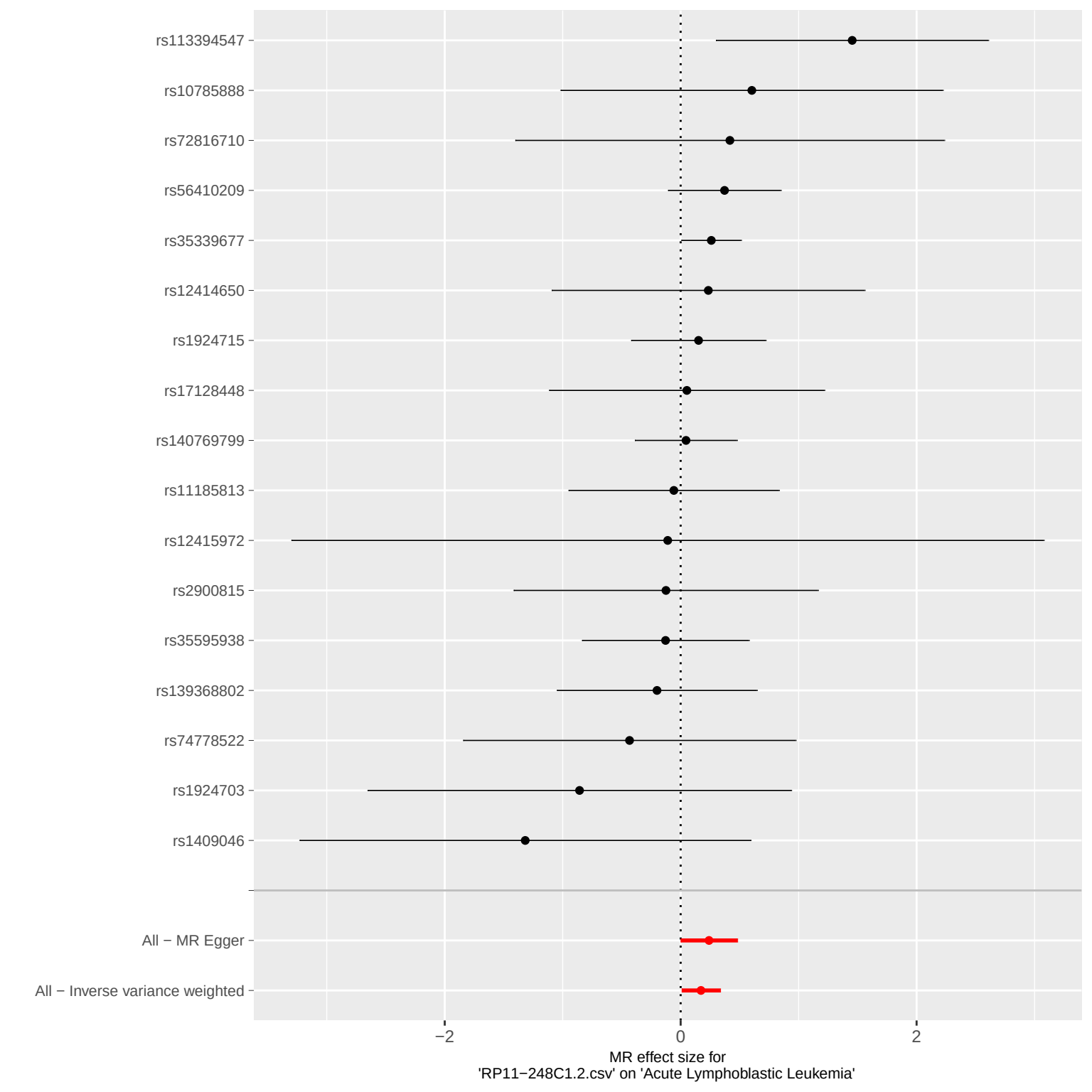
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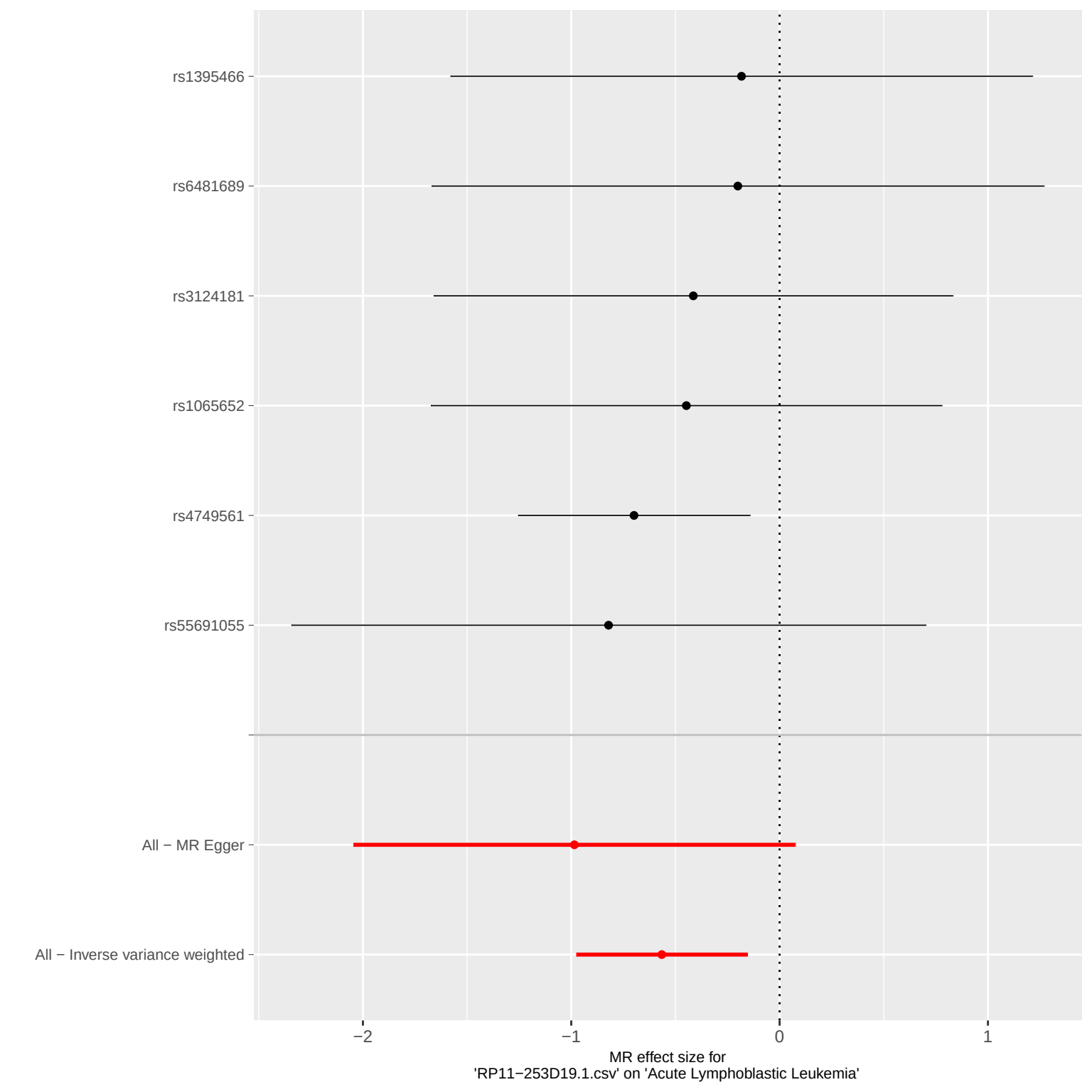
MR effect size for
'RP11−248C1.2.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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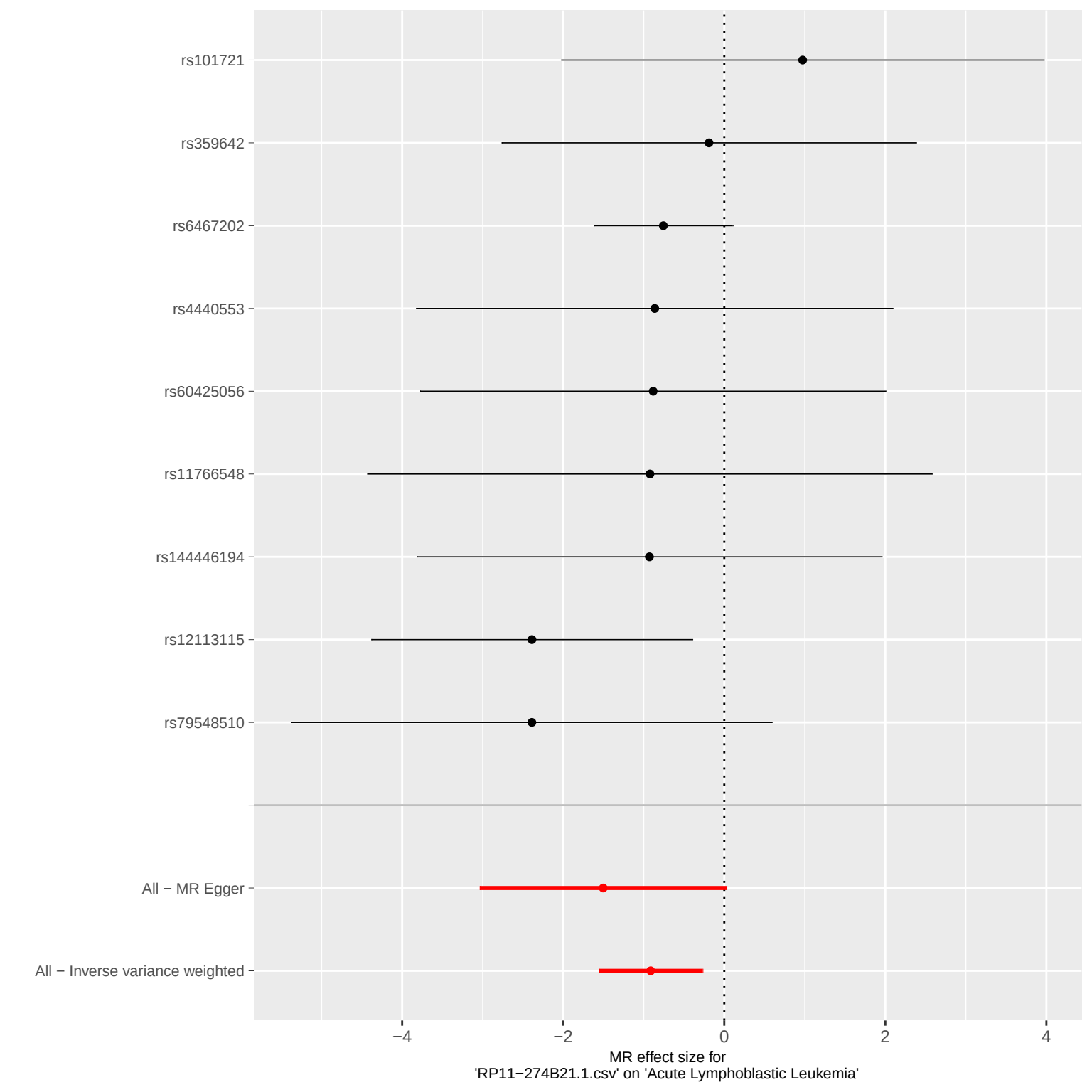
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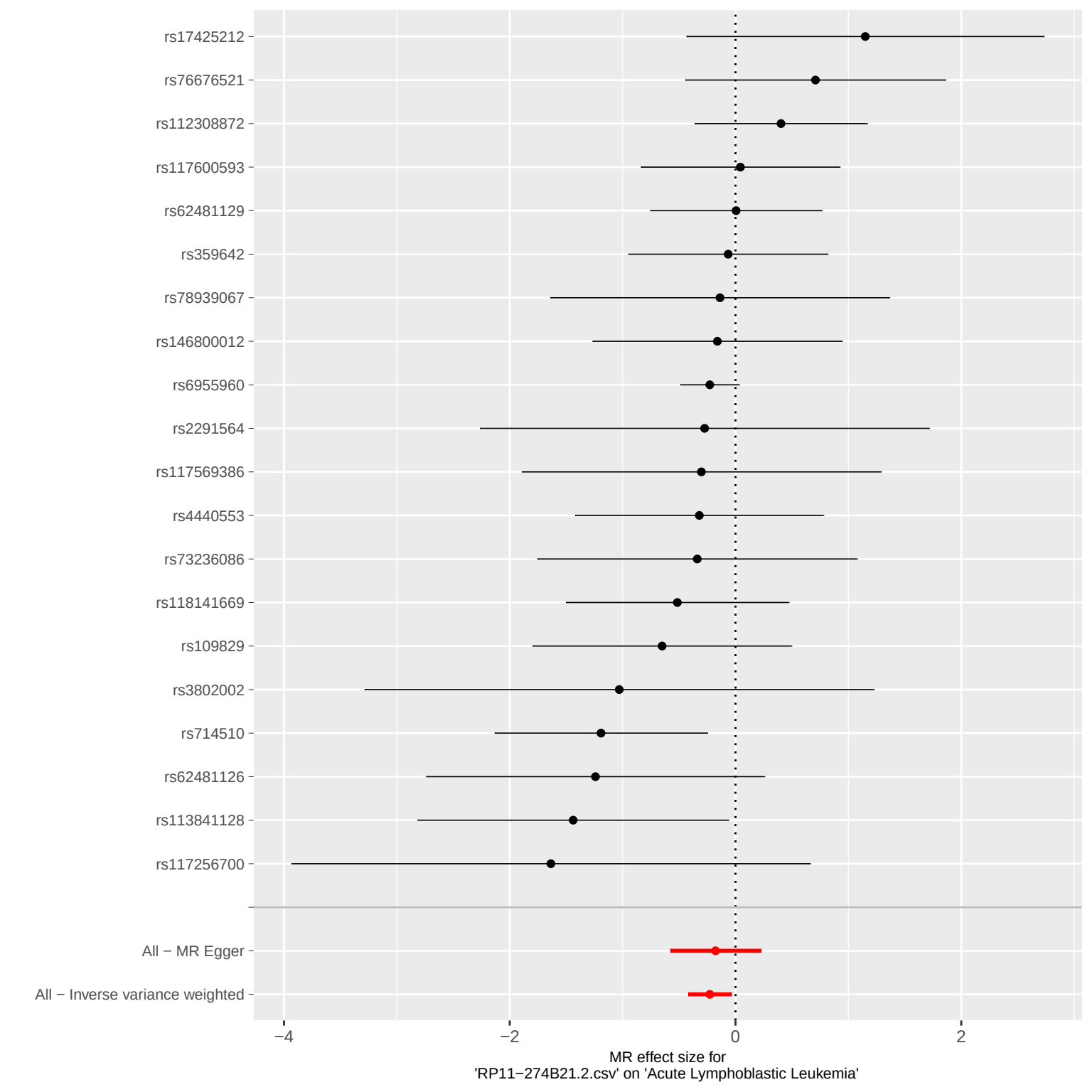
MR effect size for
'RP11−274B21.1.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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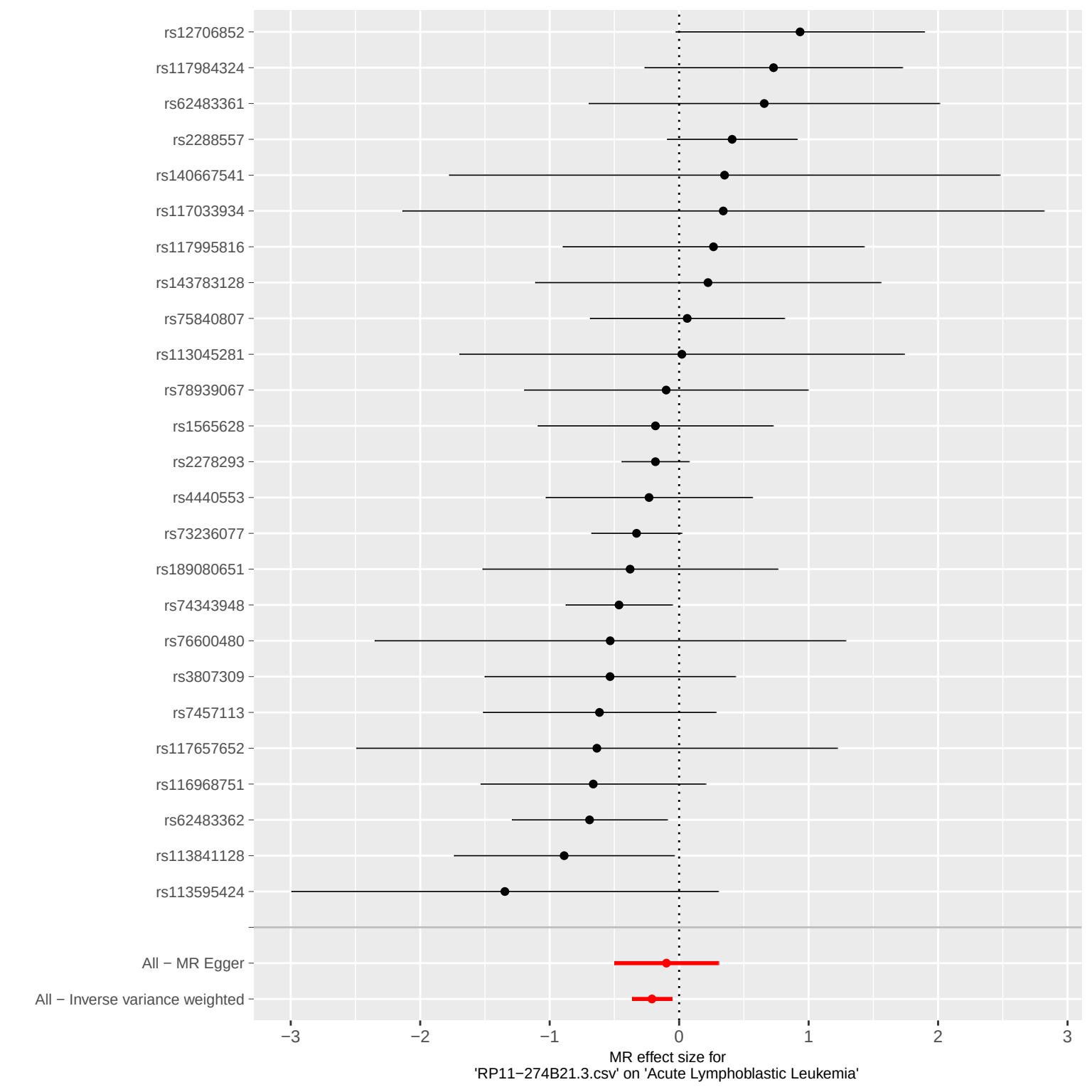
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All − MR Egger
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MR effect size for
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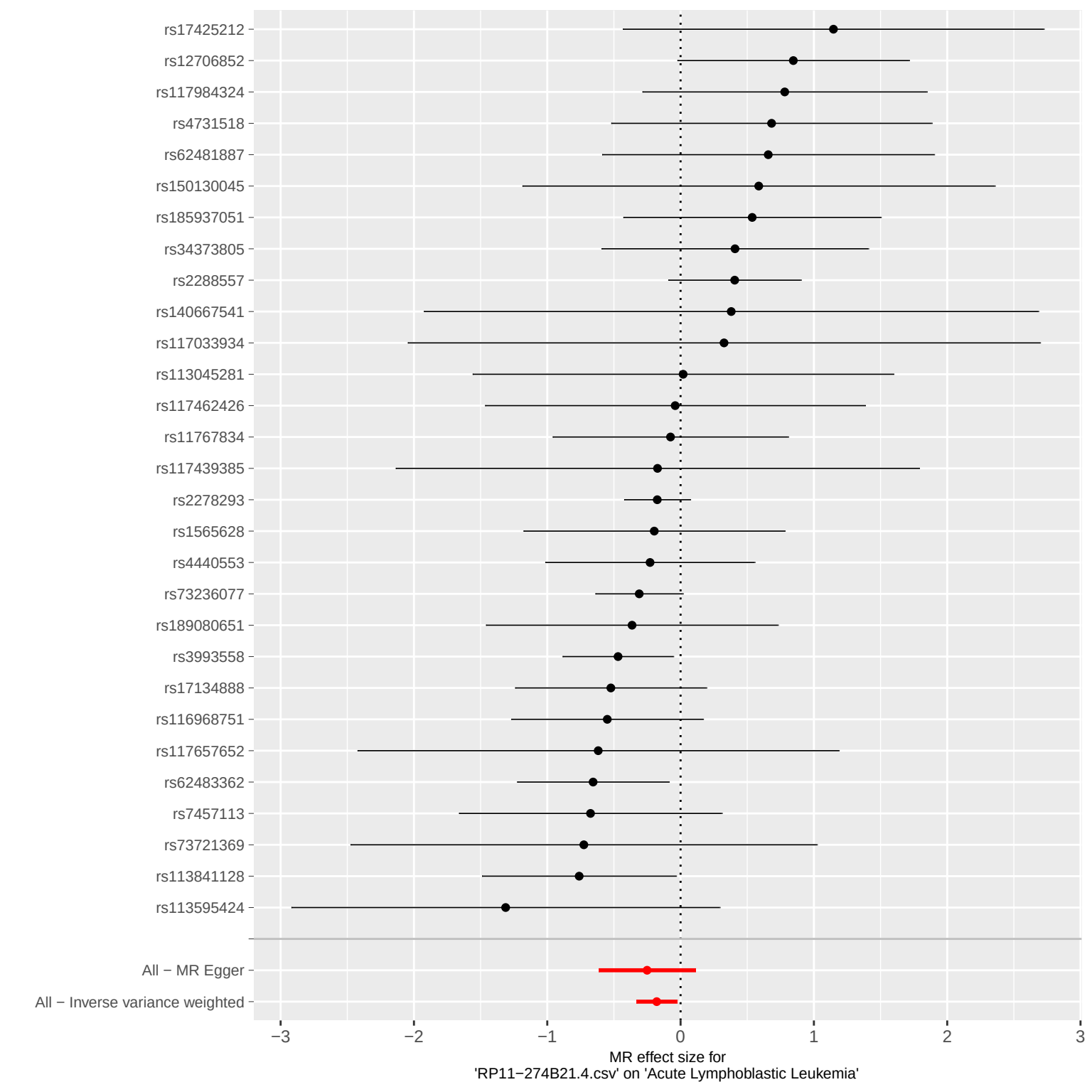
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MR effect size for
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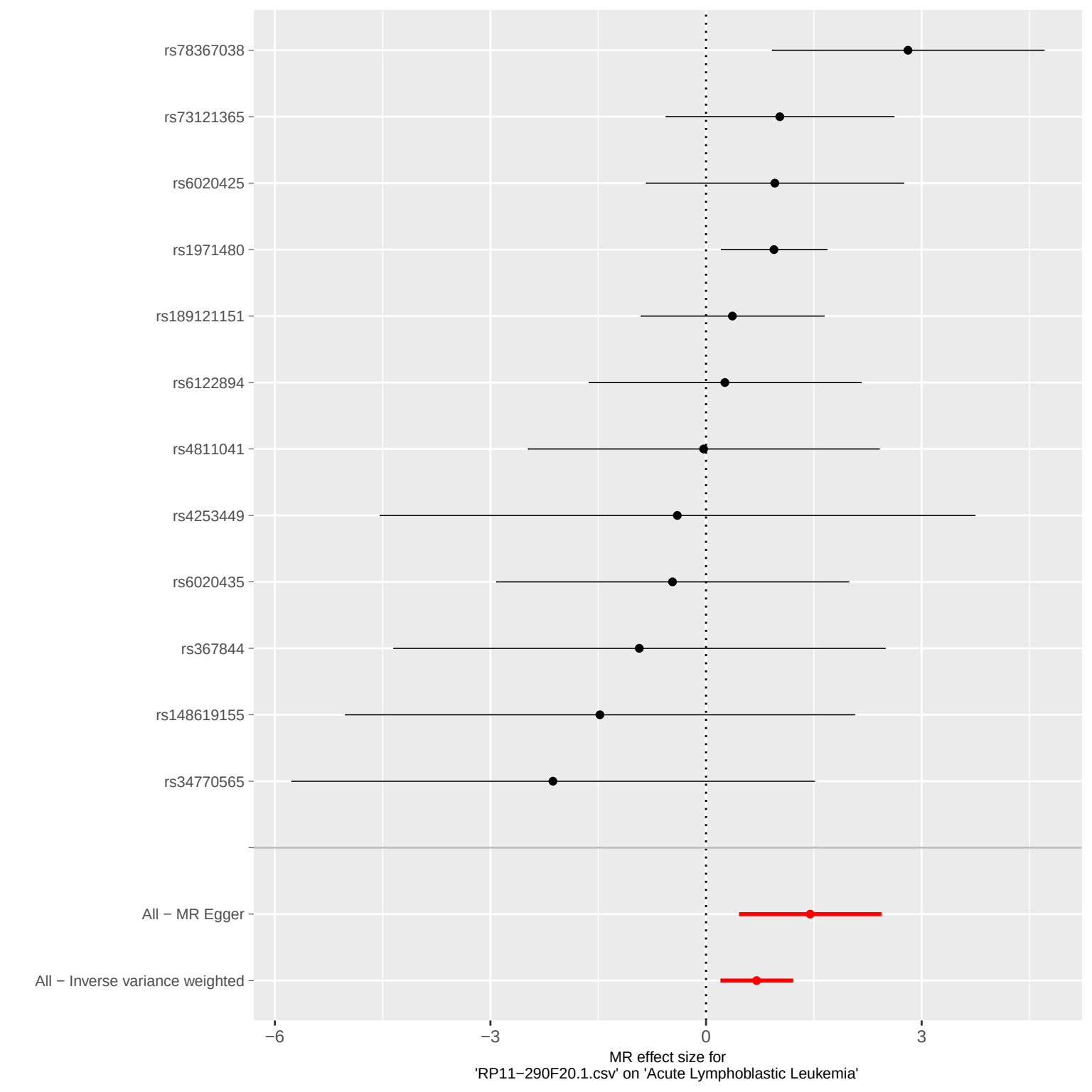
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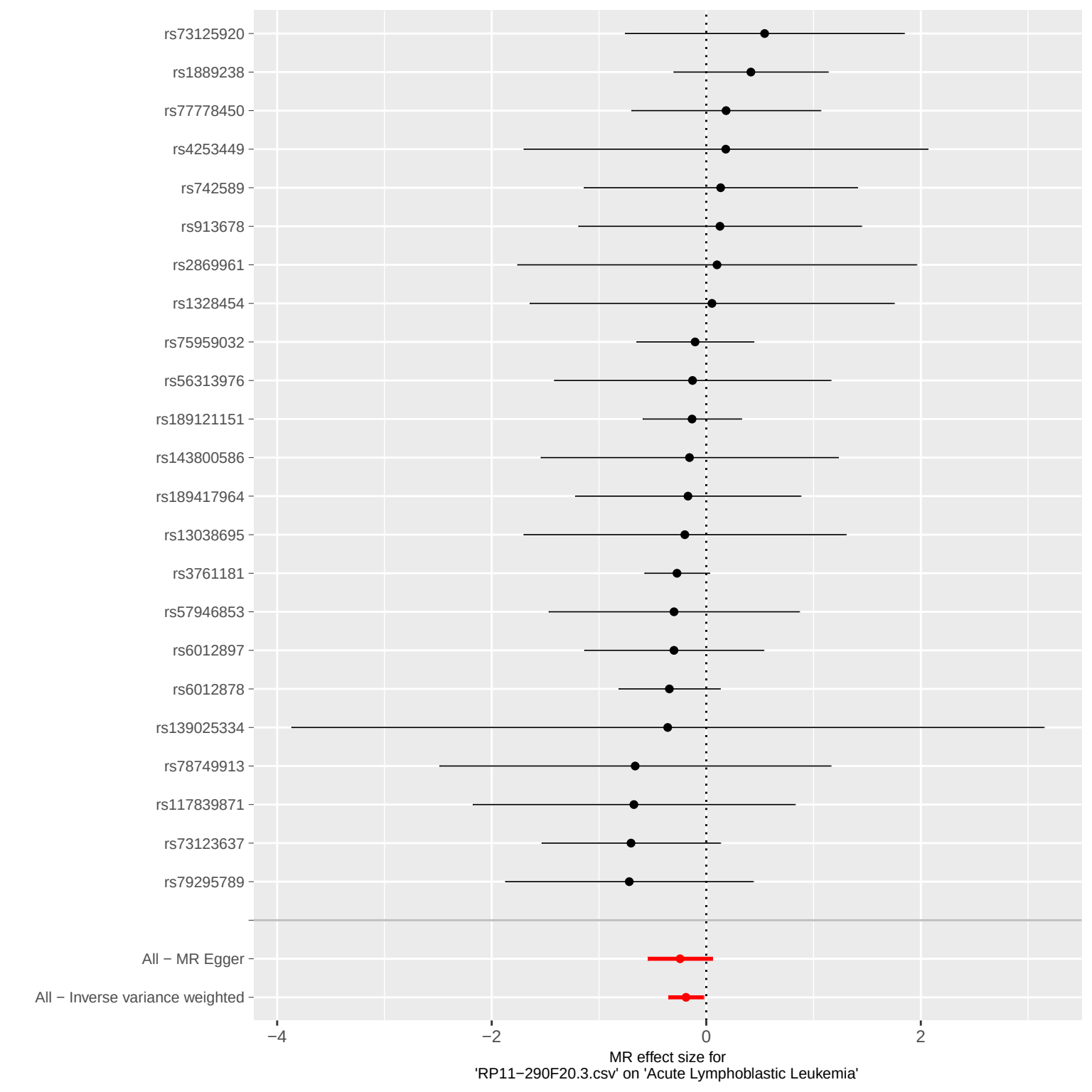
MR effect size for
'RP11−290F20.1.csv' on 'Acute Lymphoblastic Leukemia'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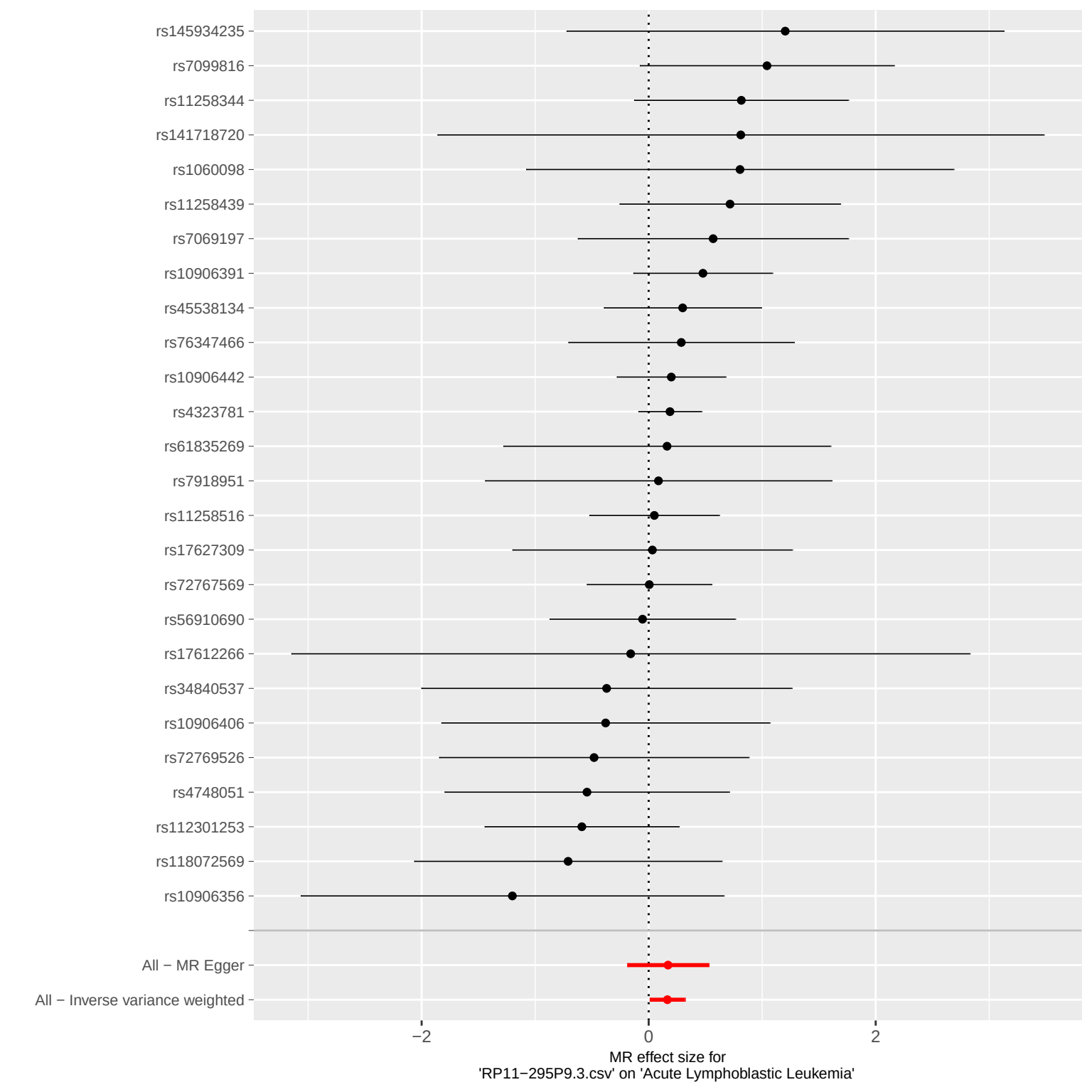
MR effect size for
'RP11−290F20.3.csv' on 'Acute Lymphoblastic Leukemia'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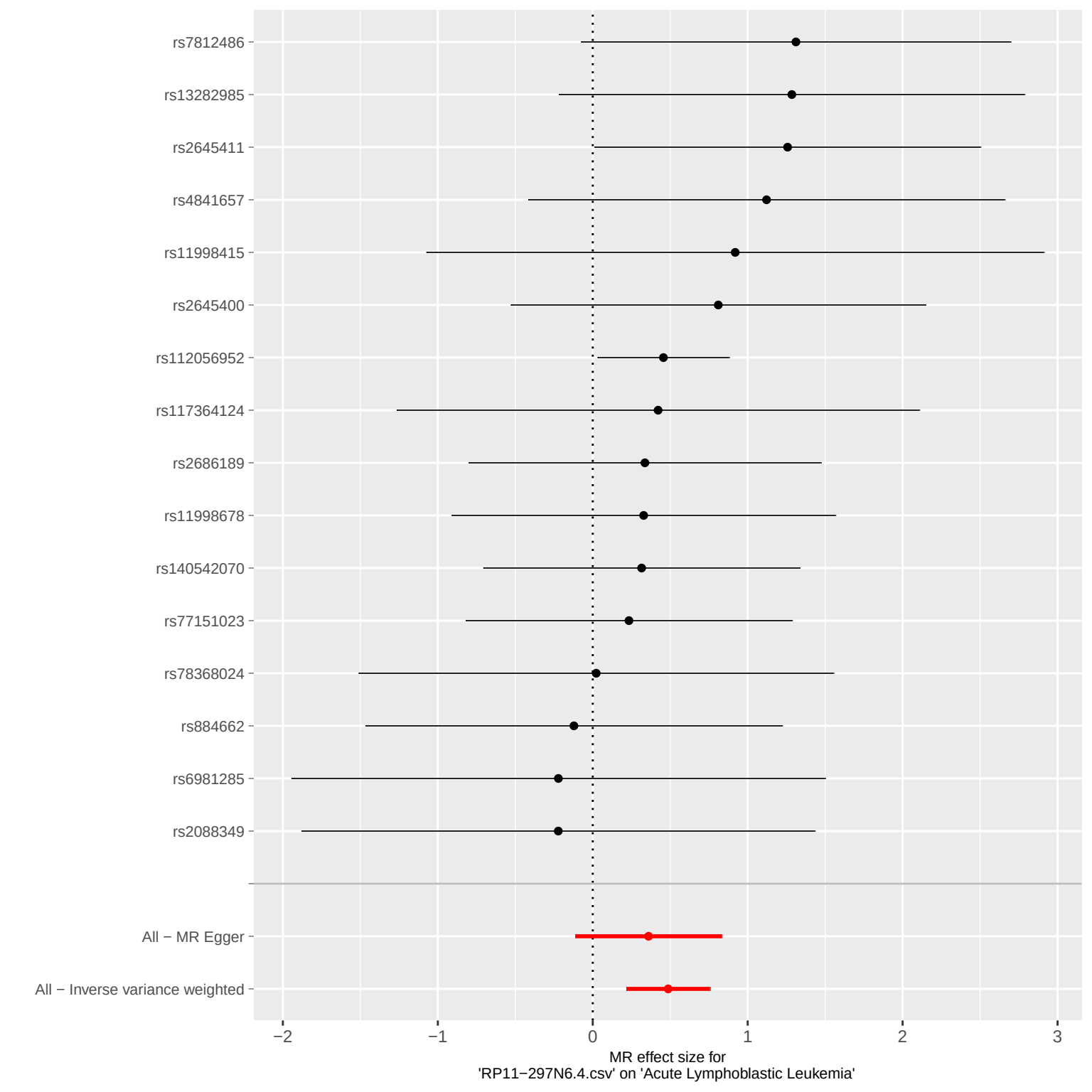
MR effect size for
'RP11−295P9.3.csv' on 'Acute Lymphoblastic Leukemia'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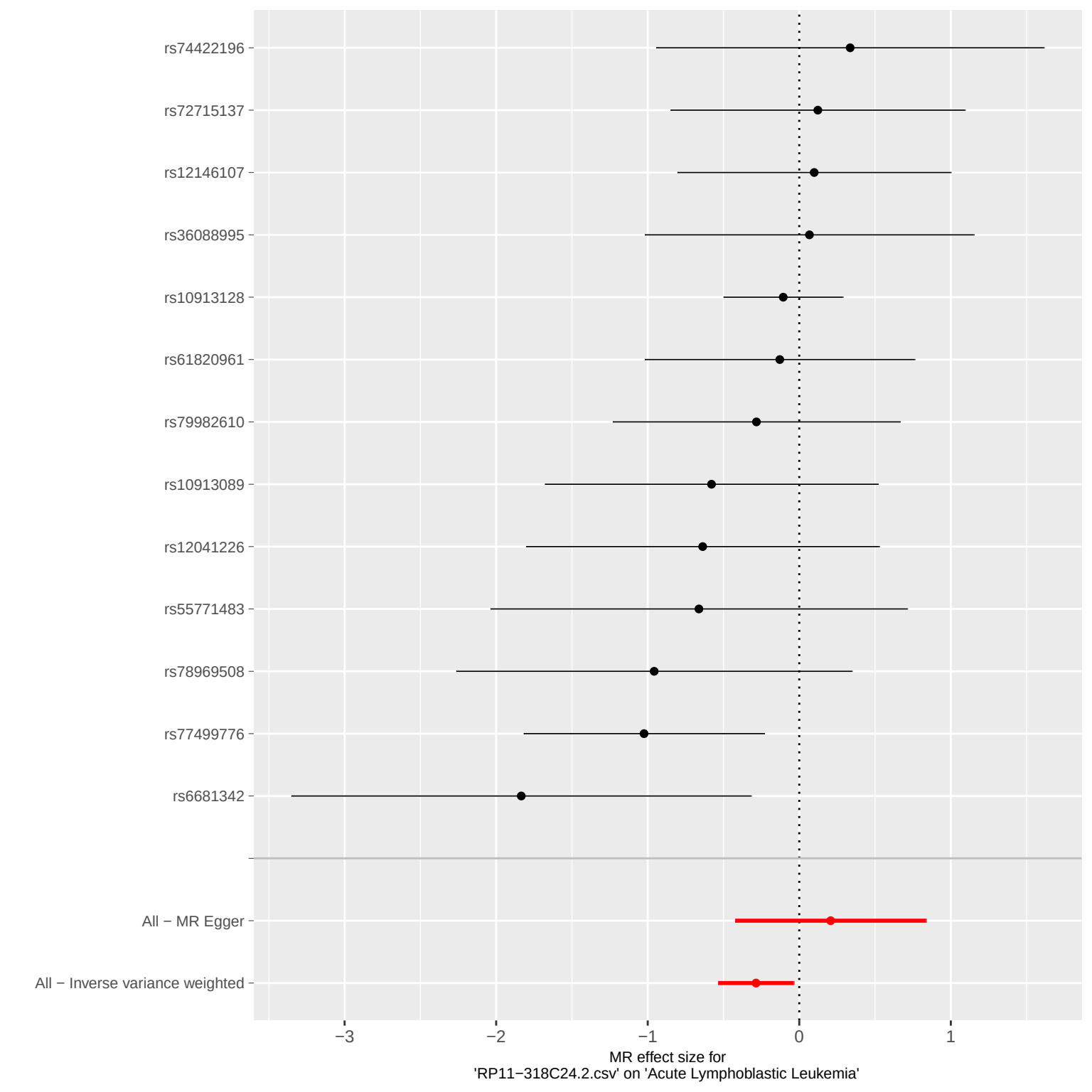
MR effect size for
'RP11−297N6.4.csv' on 'Acute Lymphoblastic Leukemia'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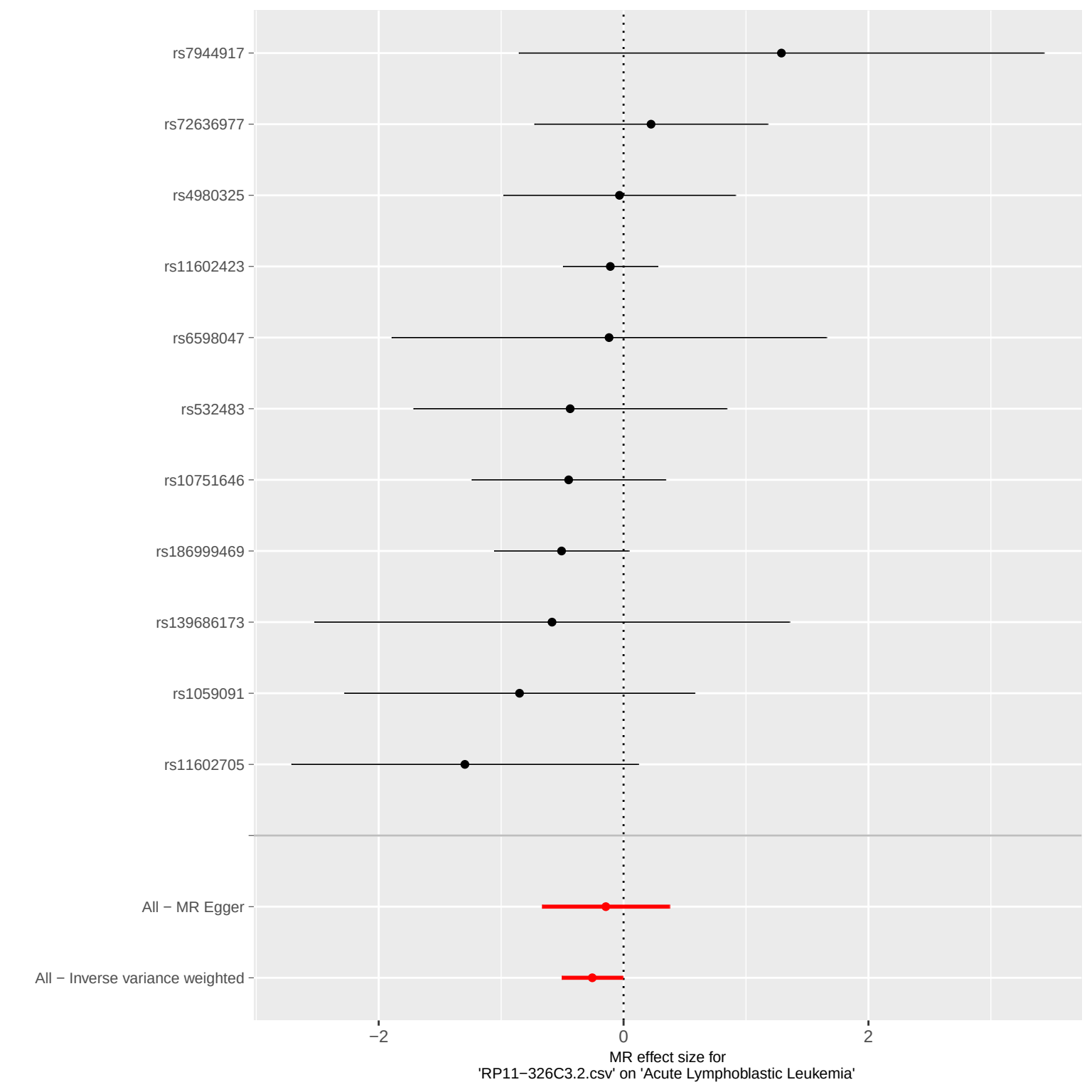
MR effect size for
'RP11−318C24.2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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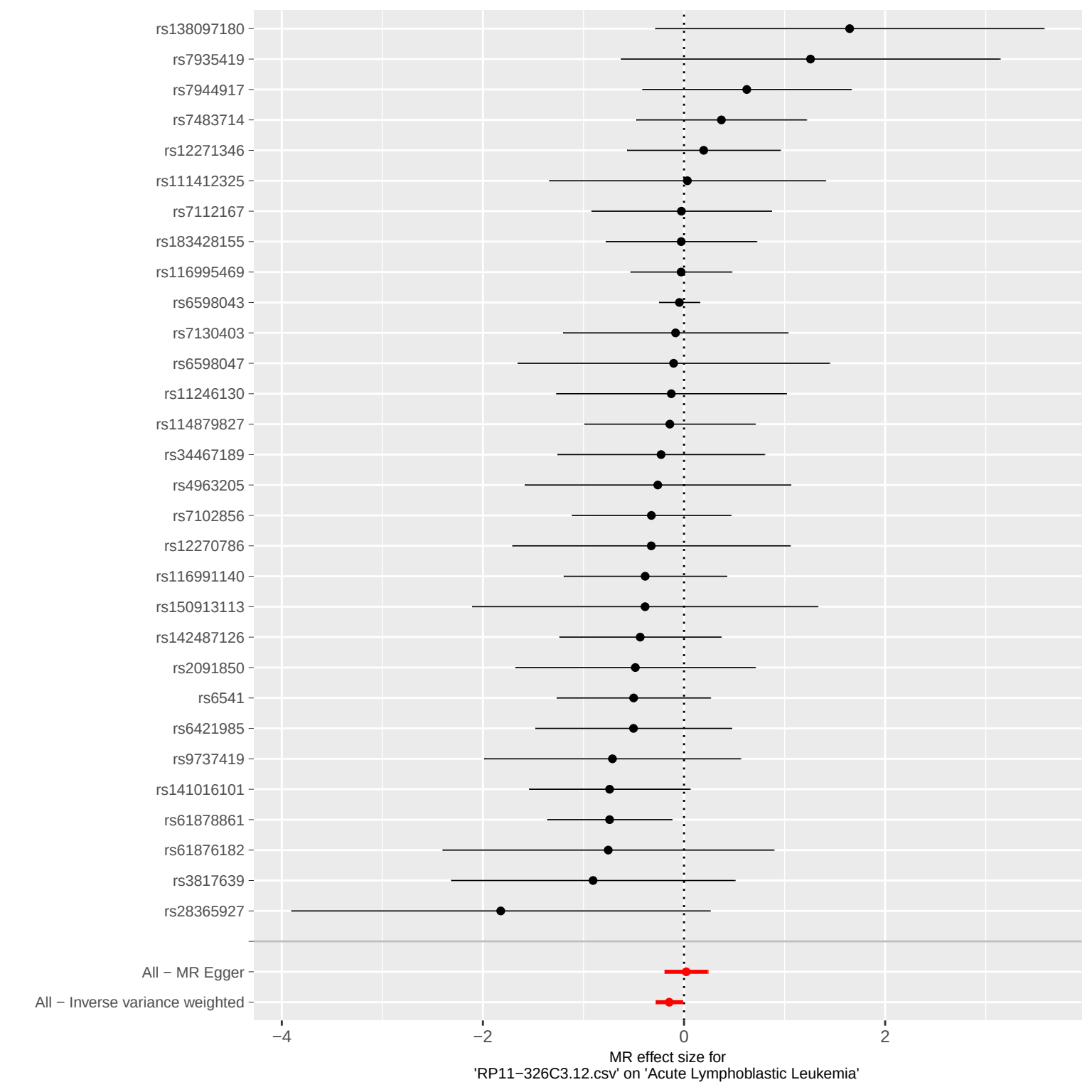
MR effect size for
'RP11−326C3.2.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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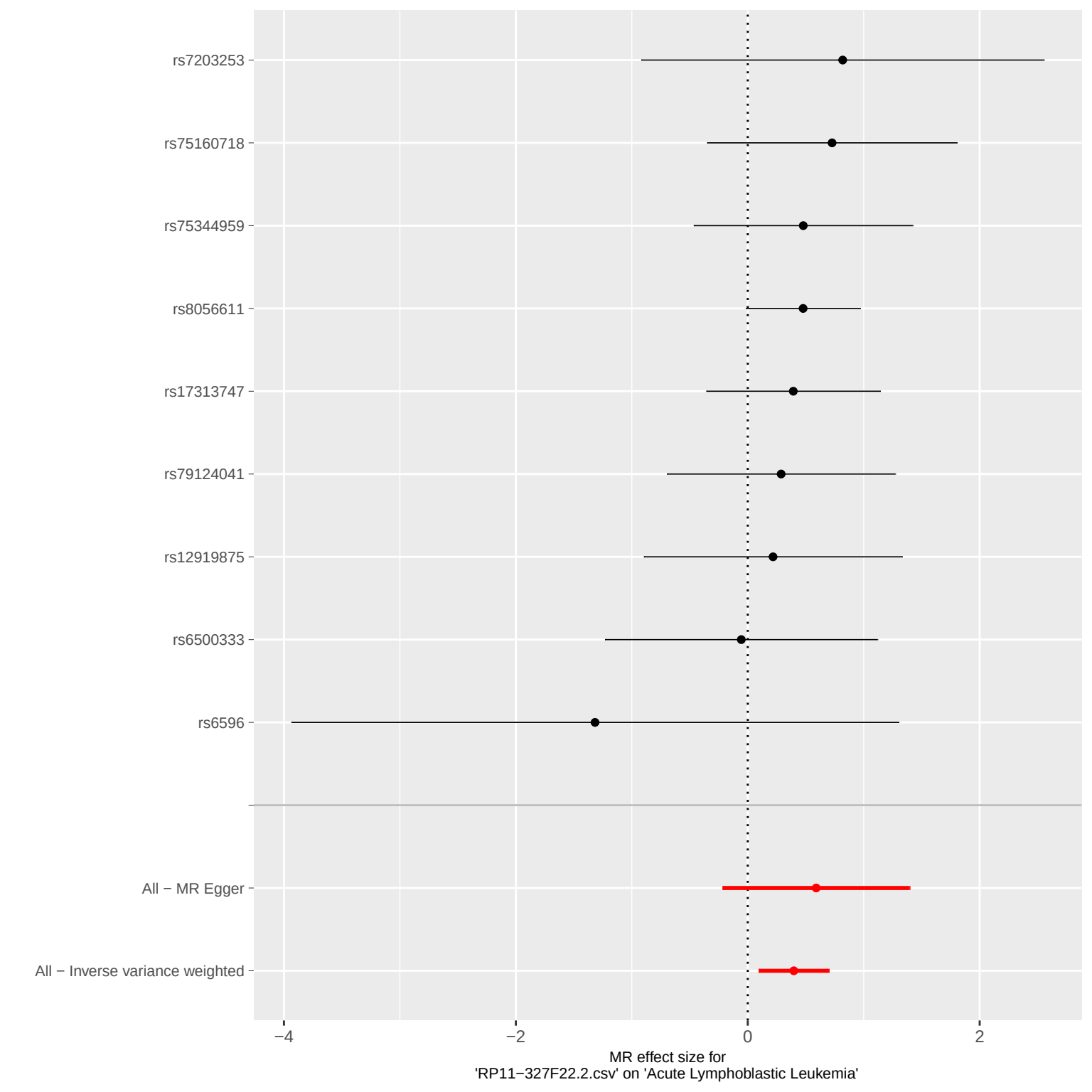
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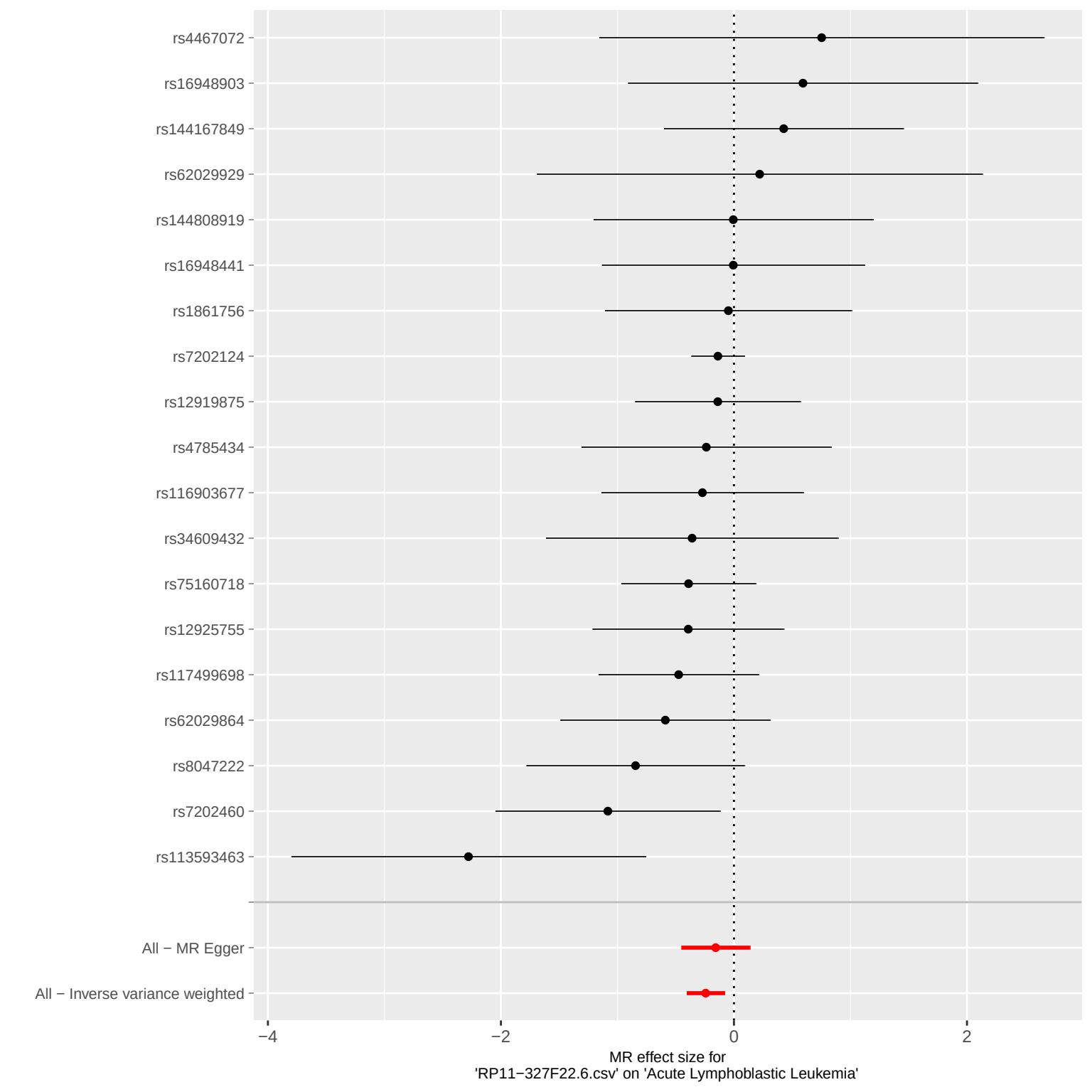
MR effect size for
'RP11−327F22.2.csv' on 'Acute Lymphoblastic Leukemia'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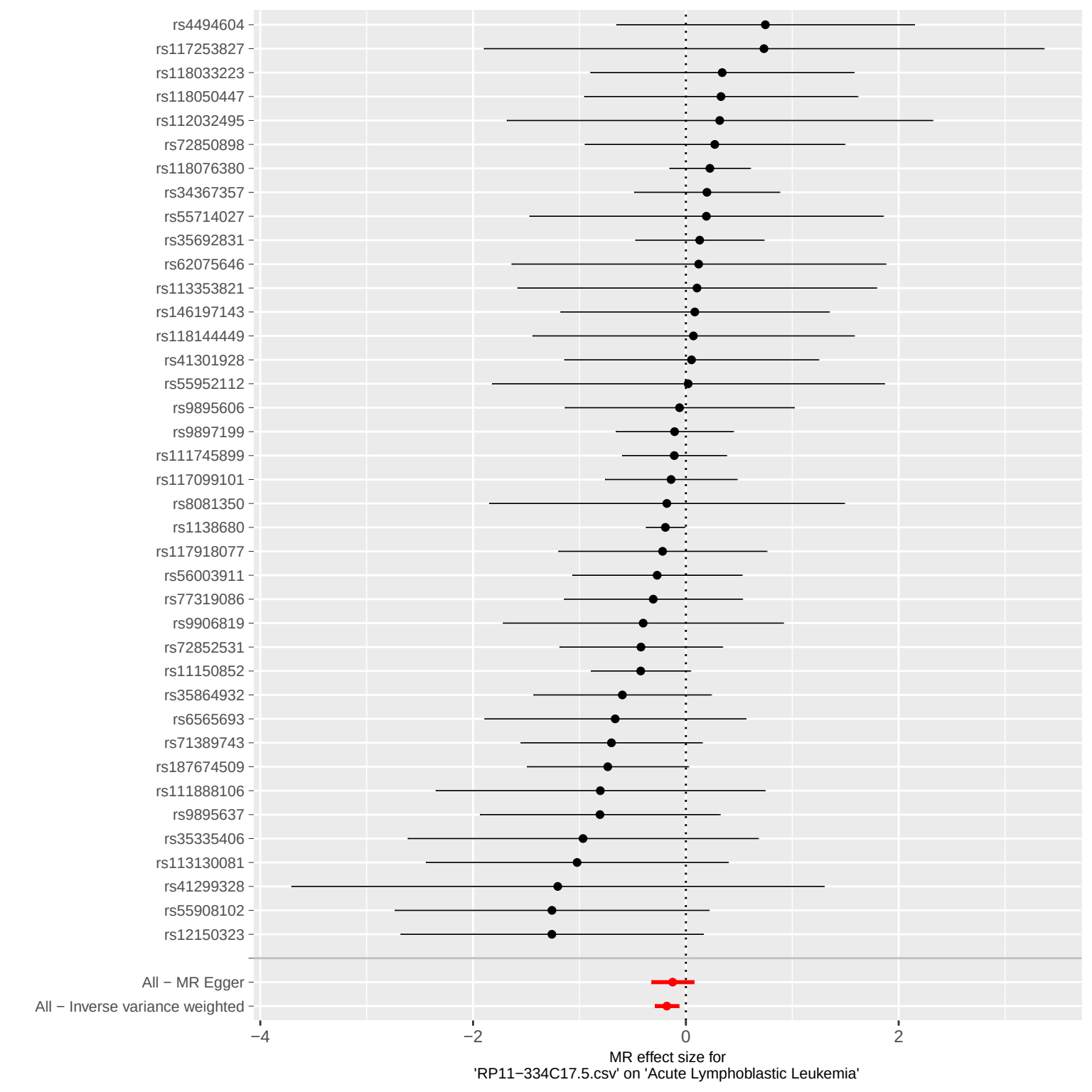
'RP11−327F22.6.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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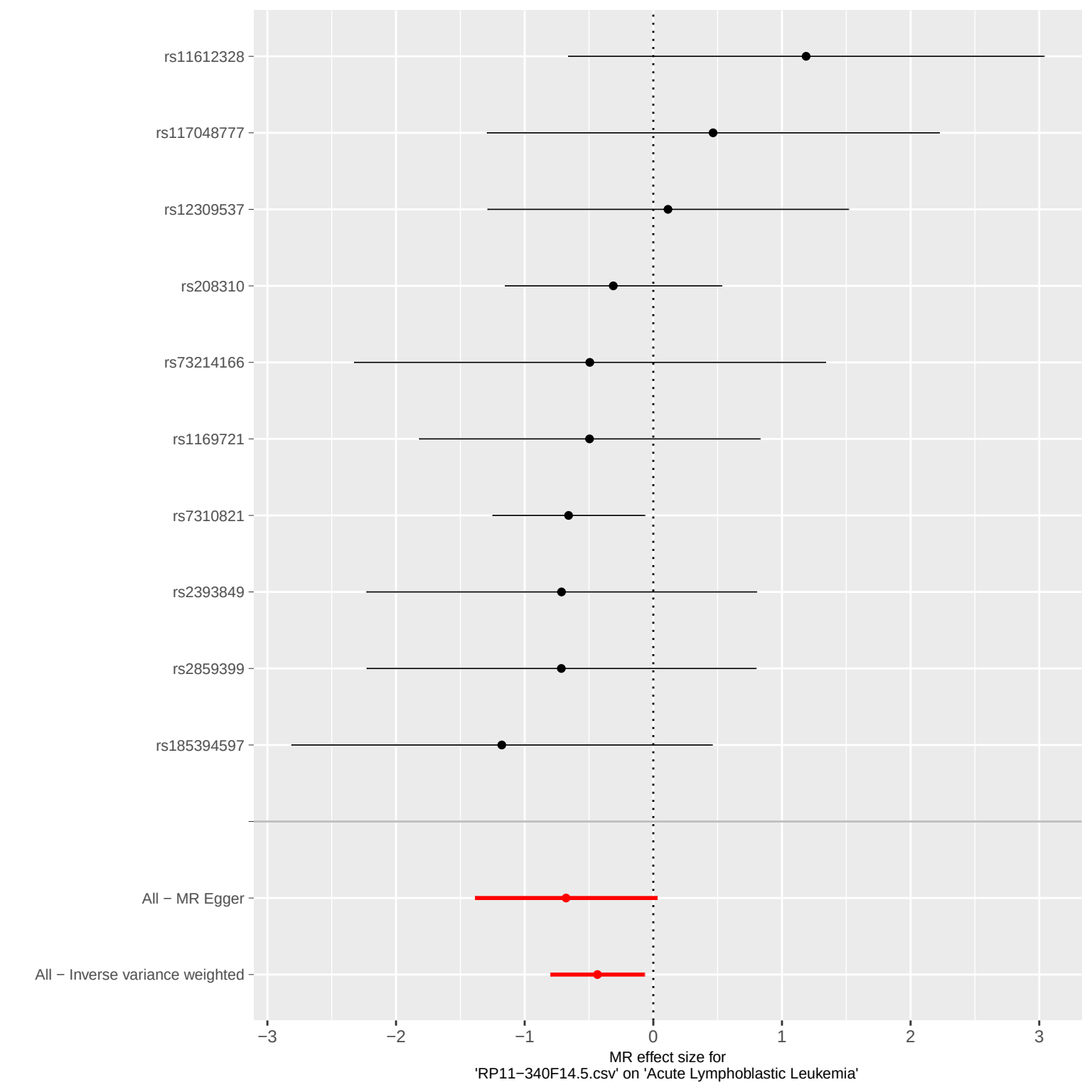
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MR effect size for
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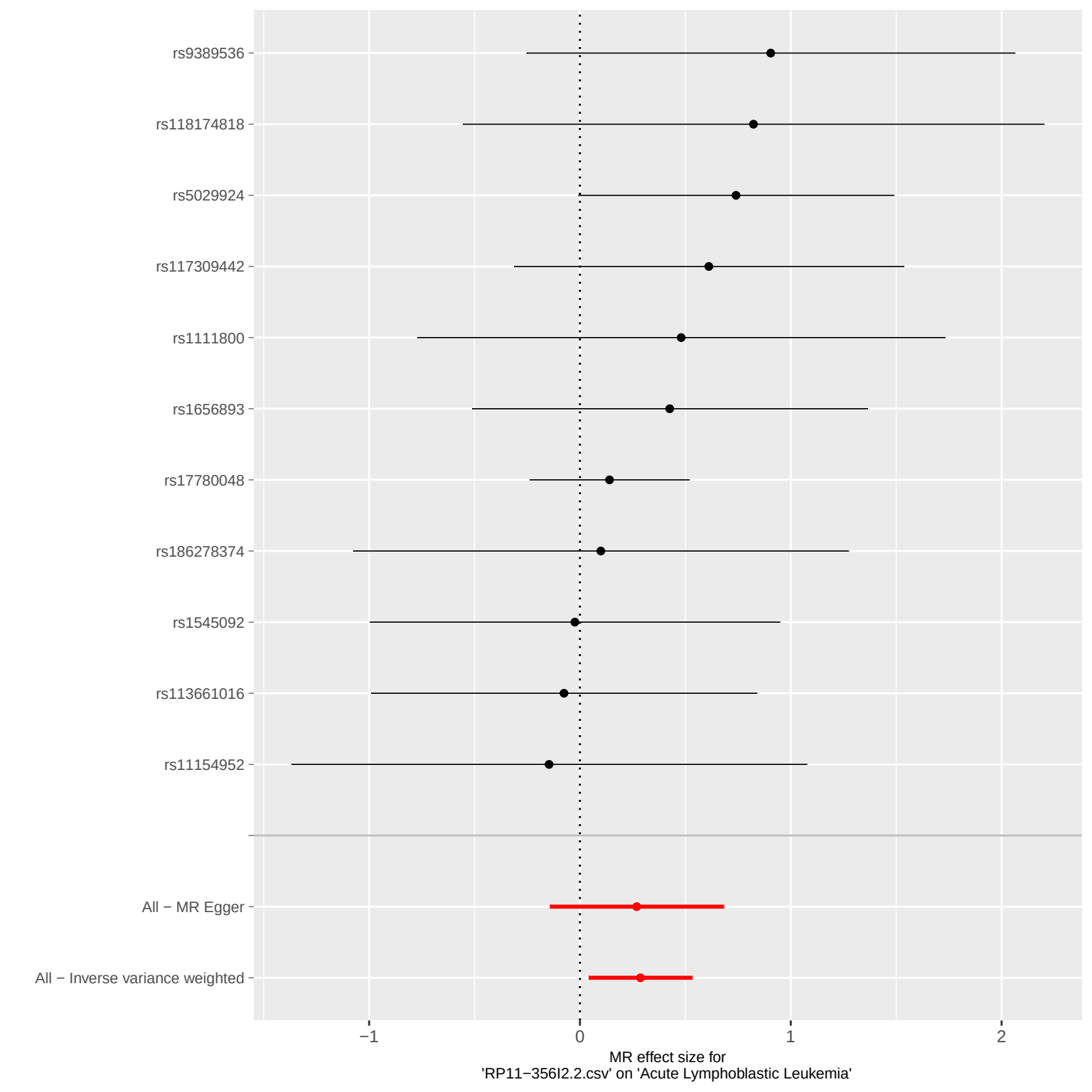
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All − MR Egger
All − Inverse variance weighted
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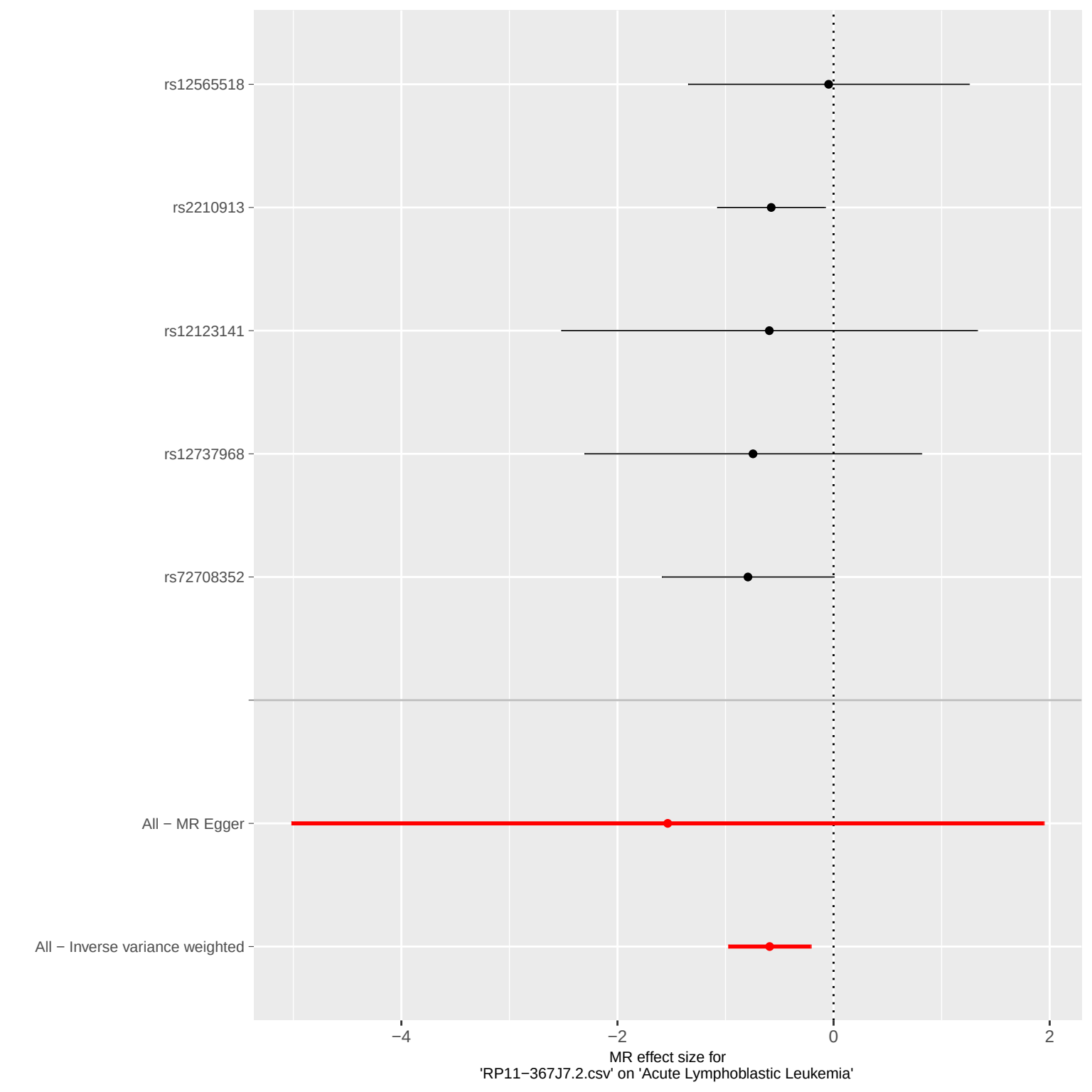
MR effect size for
'RP11−356I2.2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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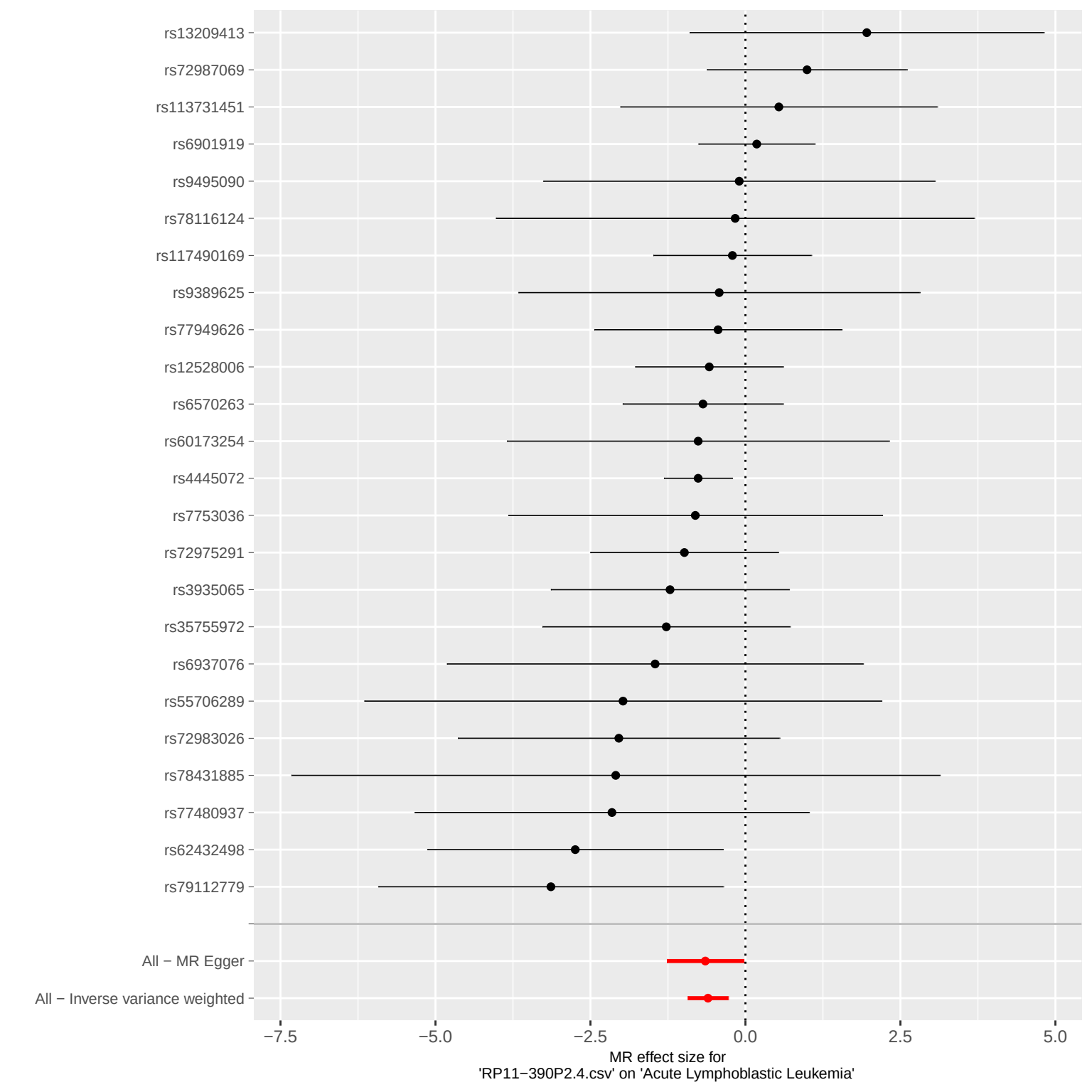
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All − Inverse variance weighted
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MR effect size for
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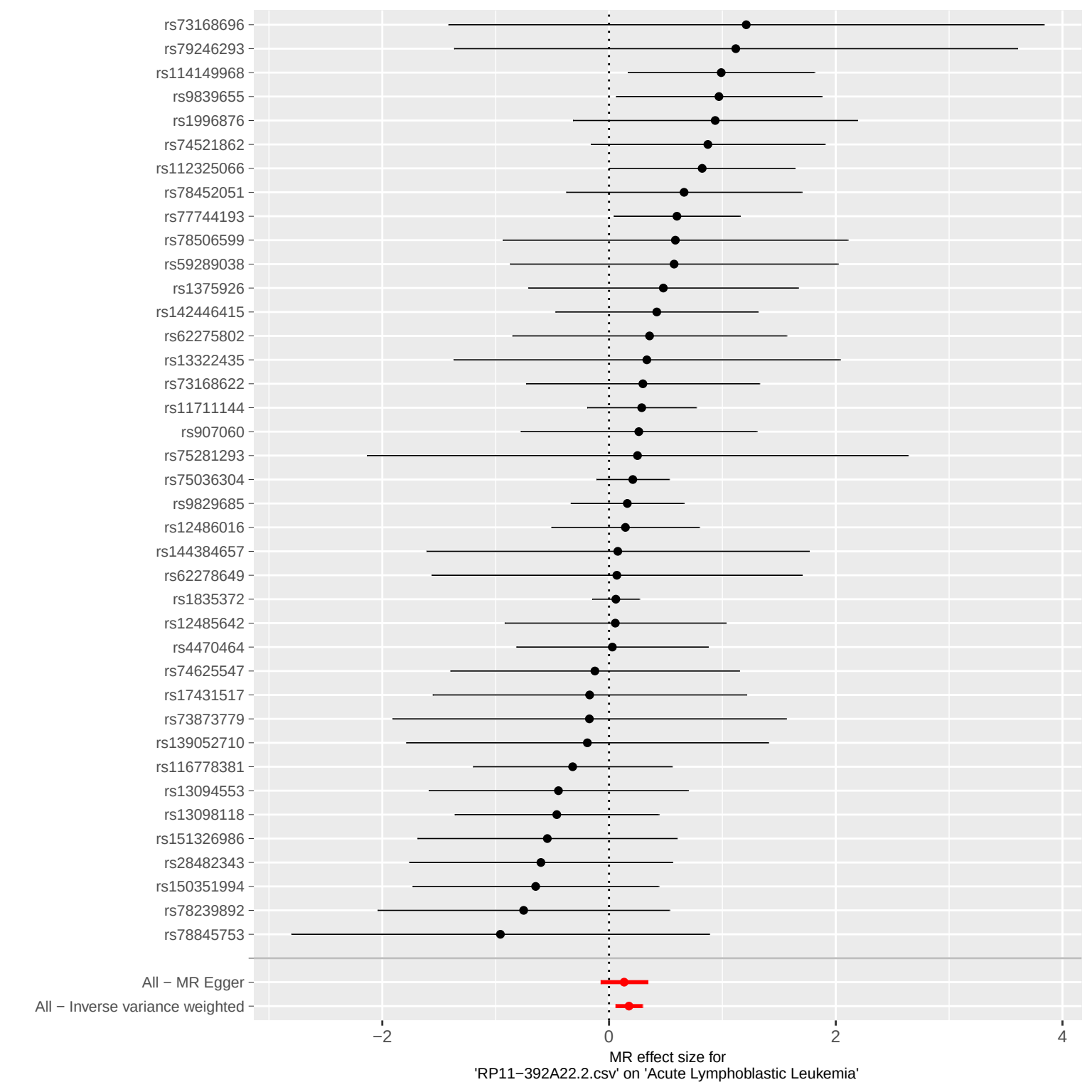
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rs150351994
rs78239892
rs78845753
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All − Inverse variance weighted
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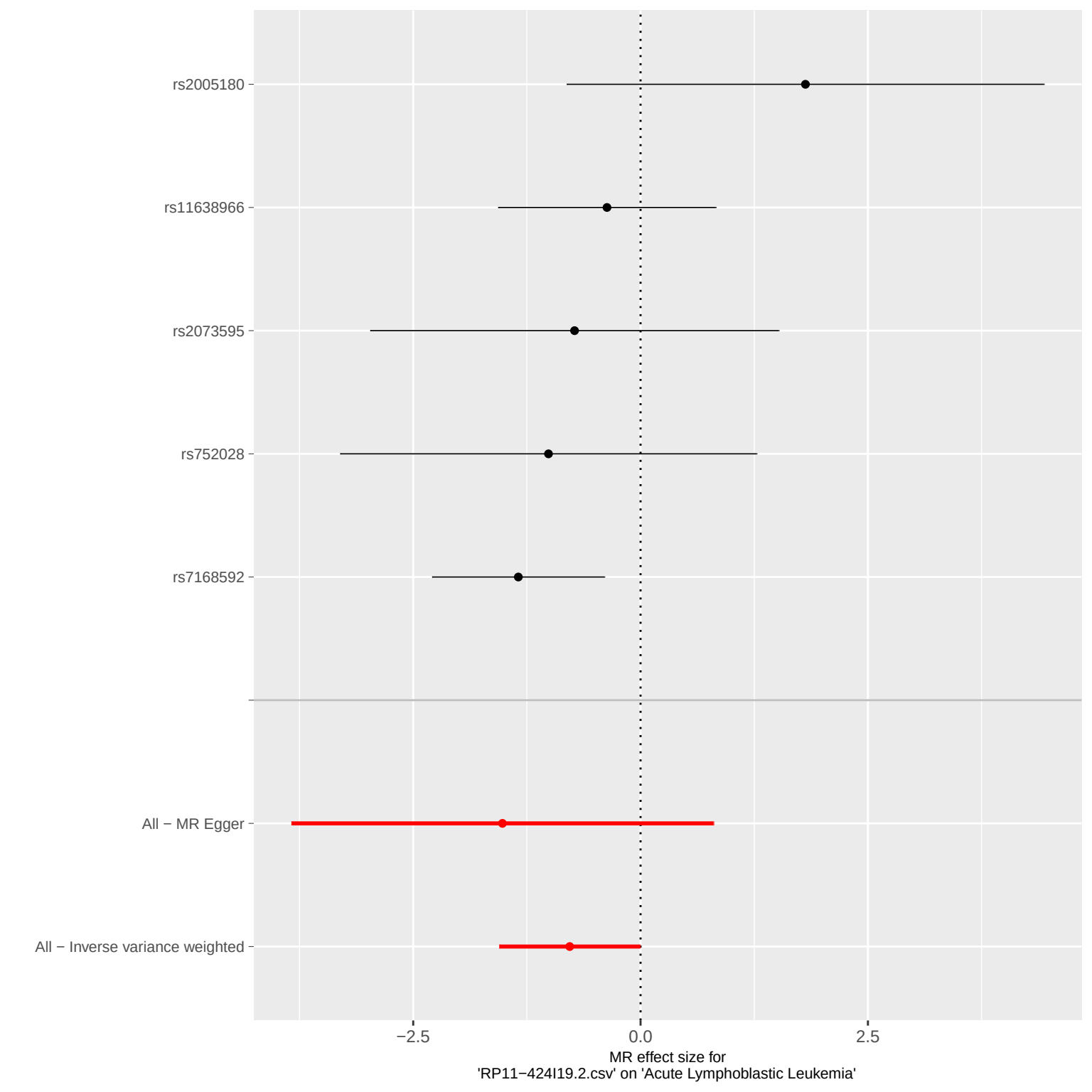
MR effect size for
'RP11−392A22.2.csv' on 'Acute Lymphoblastic Leukemia'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rs2073595
rs752028
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All − Inverse variance weighted
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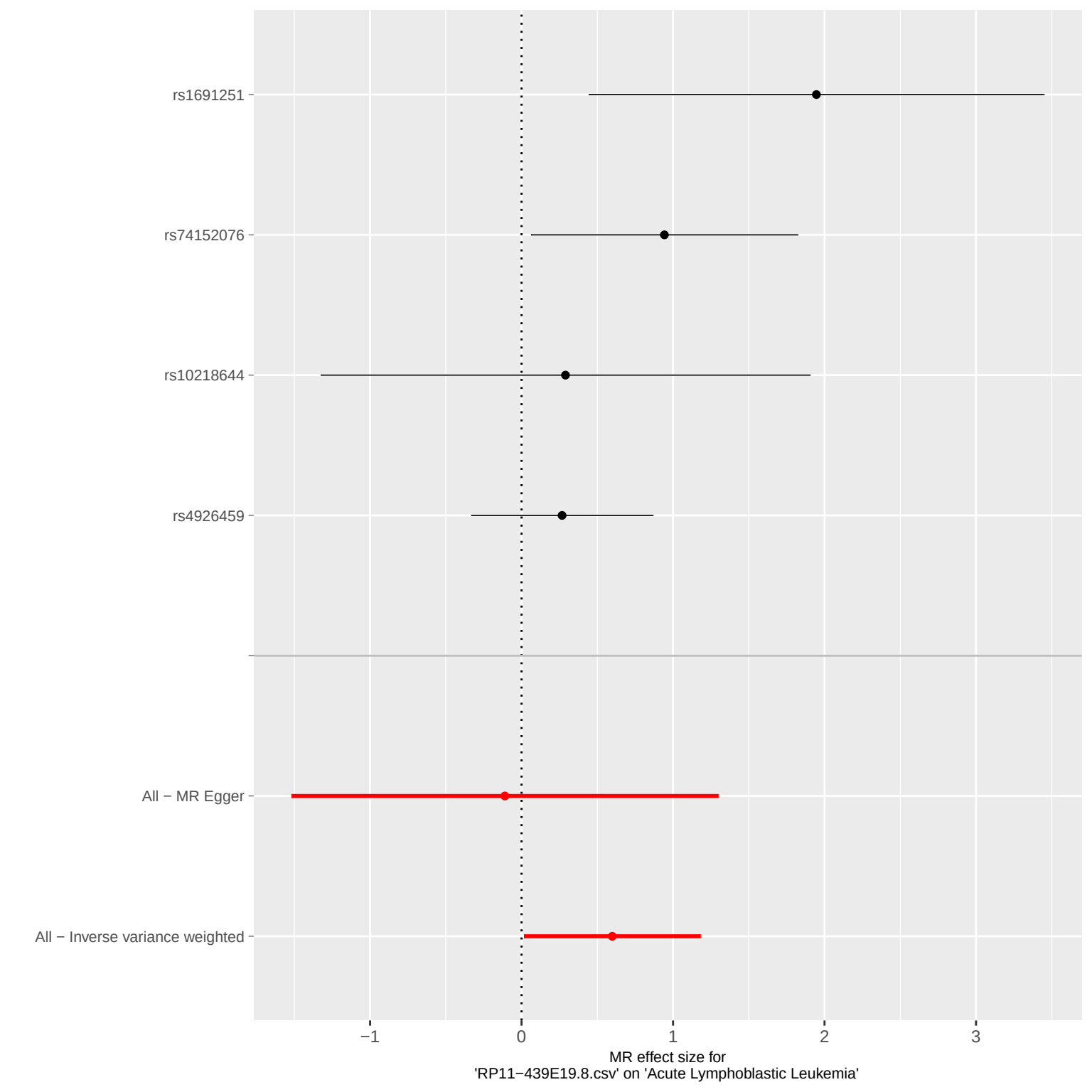
2.5
MR effect size for
'RP11−424I19.2.csv' on 'Acute Lymphoblastic Leukemia'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rs10218644
rs4926459
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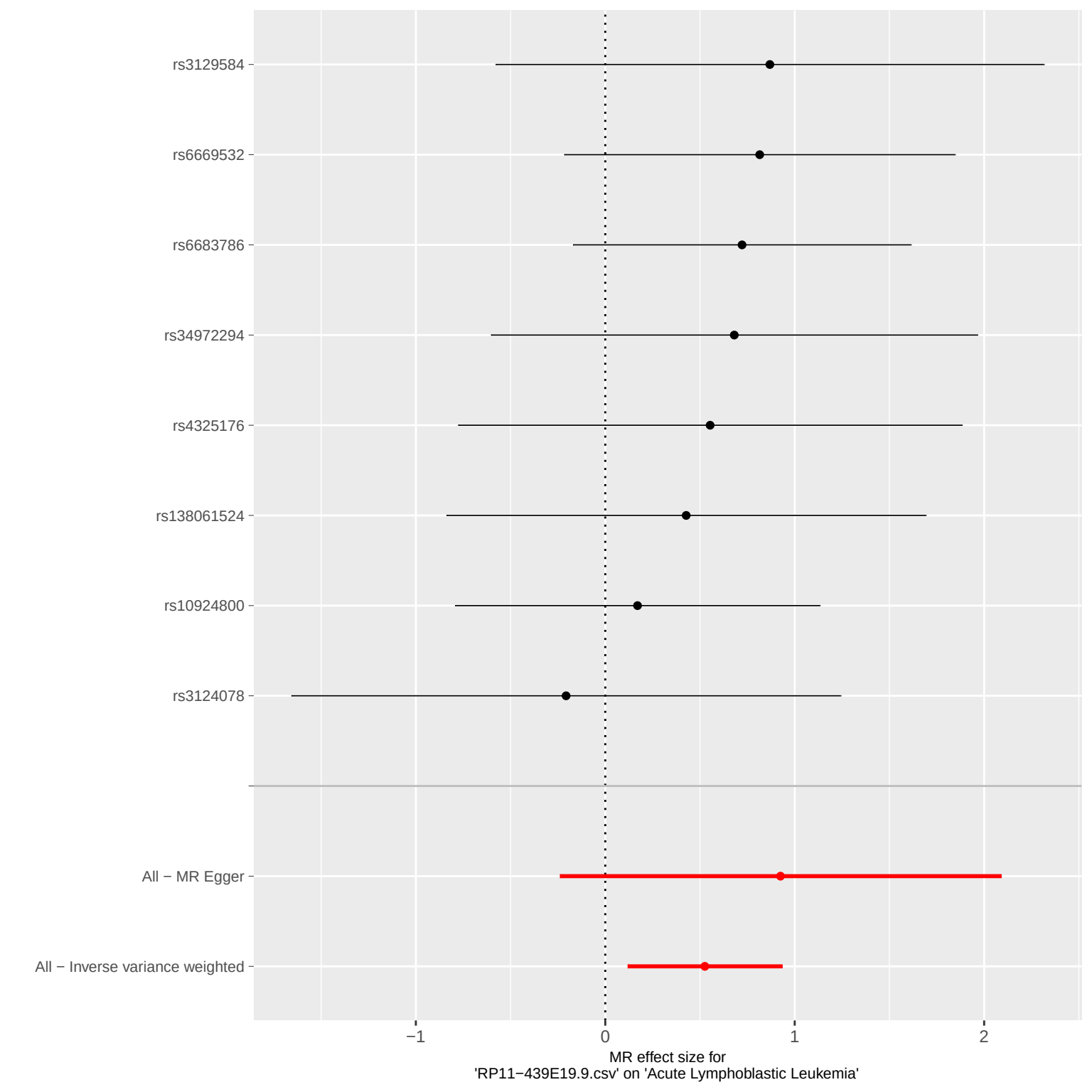
3
MR effect size for
'RP11−439E19.8.csv' on 'Acute Lymphoblastic Leukemia'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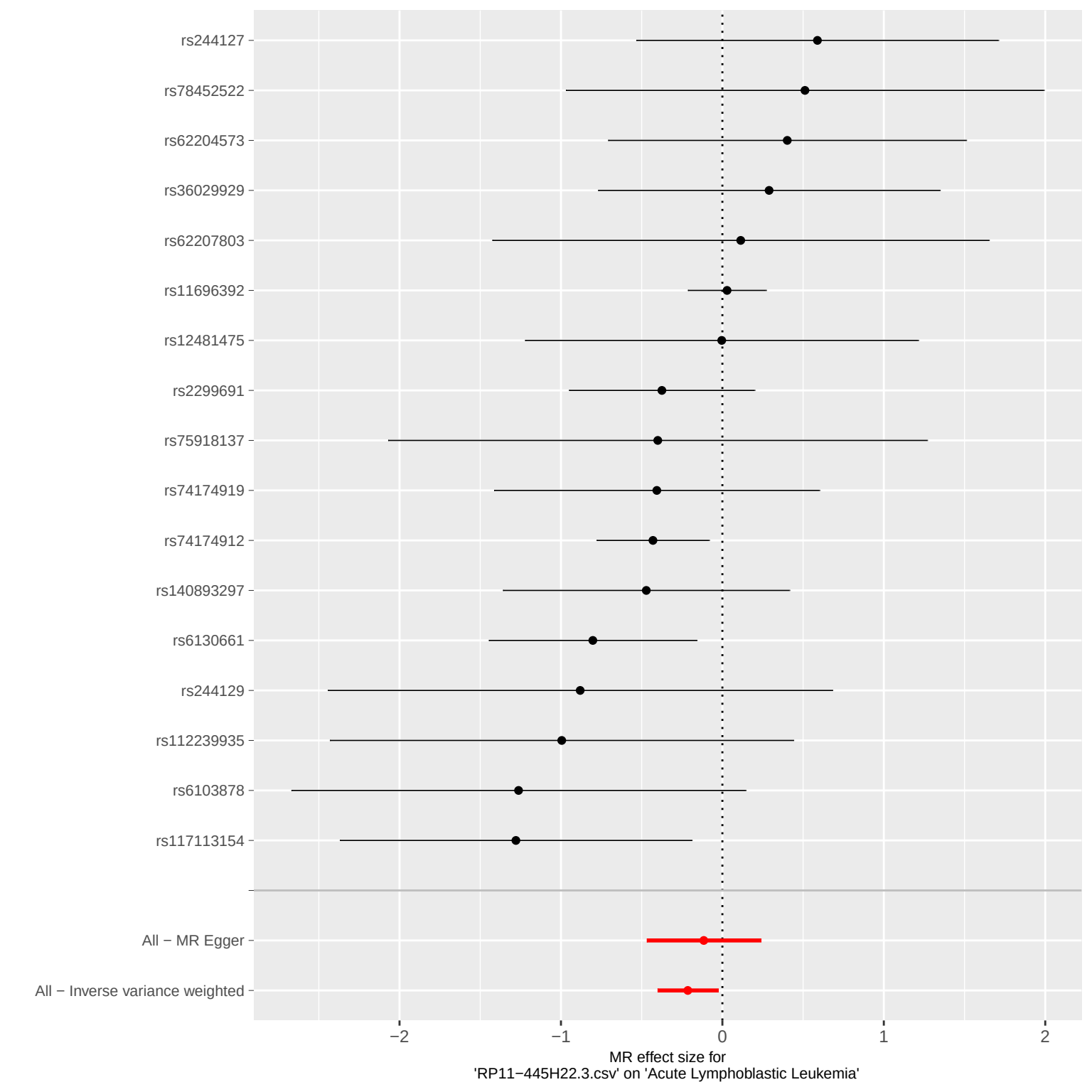
MR effect size for
'RP11−439E19.9.csv' on 'Acute Lymphoblastic Leukemia'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rs244129
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rs6103878
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All − Inverse variance weighted
−2
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2
MR effect size for
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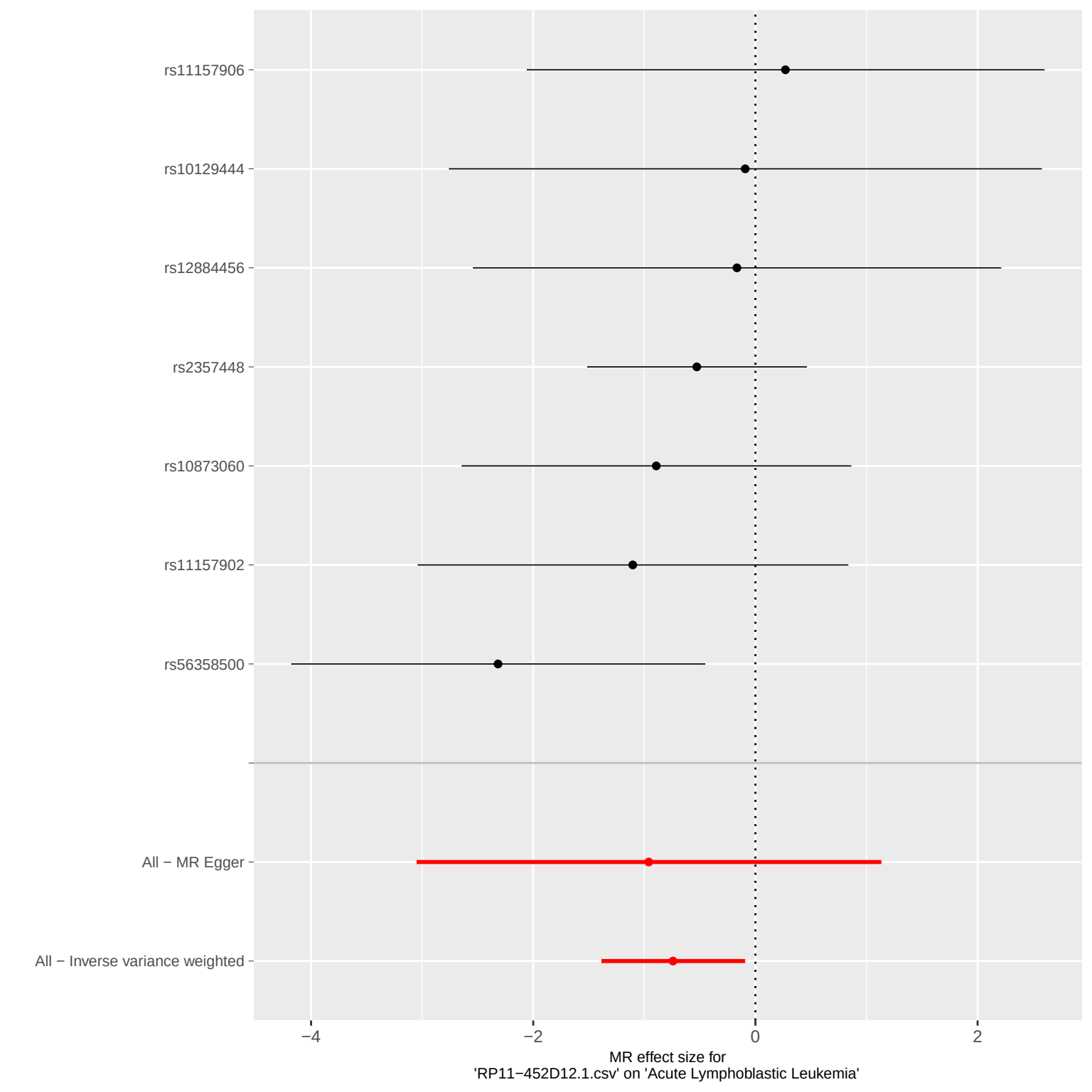
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rs11157902
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All − Inverse variance weighted
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−2
0
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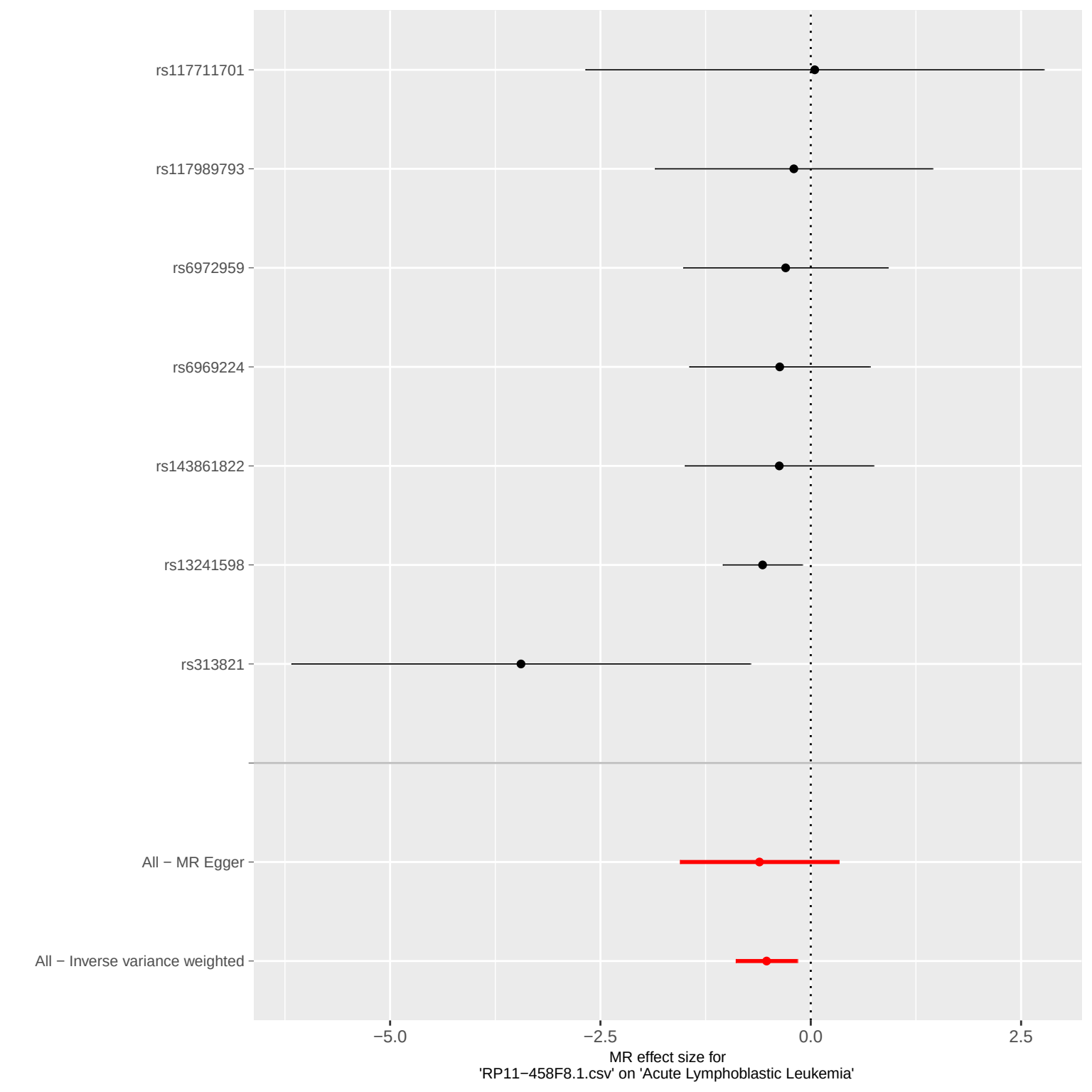
MR effect size for
'RP11−452D12.1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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2.5
MR effect size for
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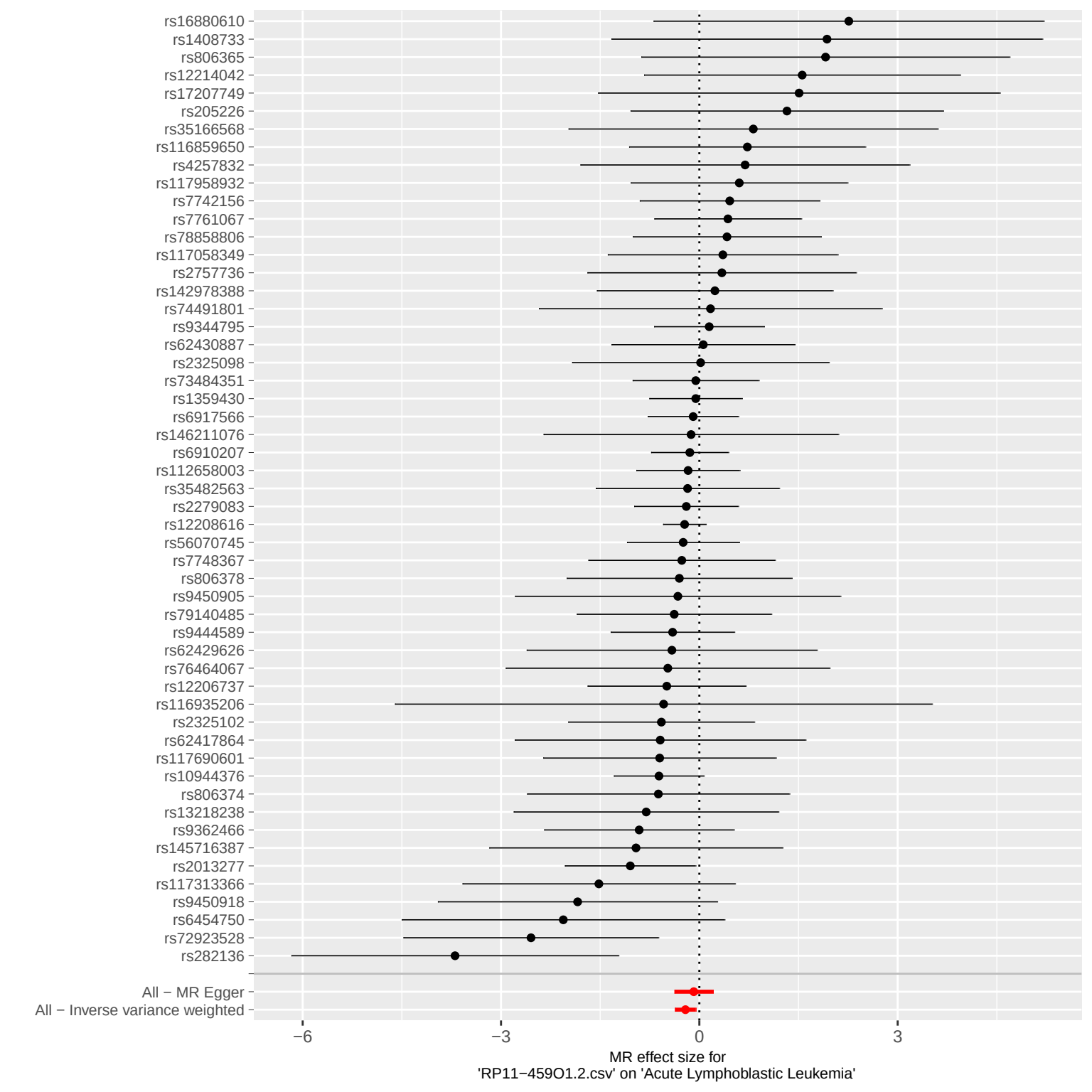
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rs9450918
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rs282136
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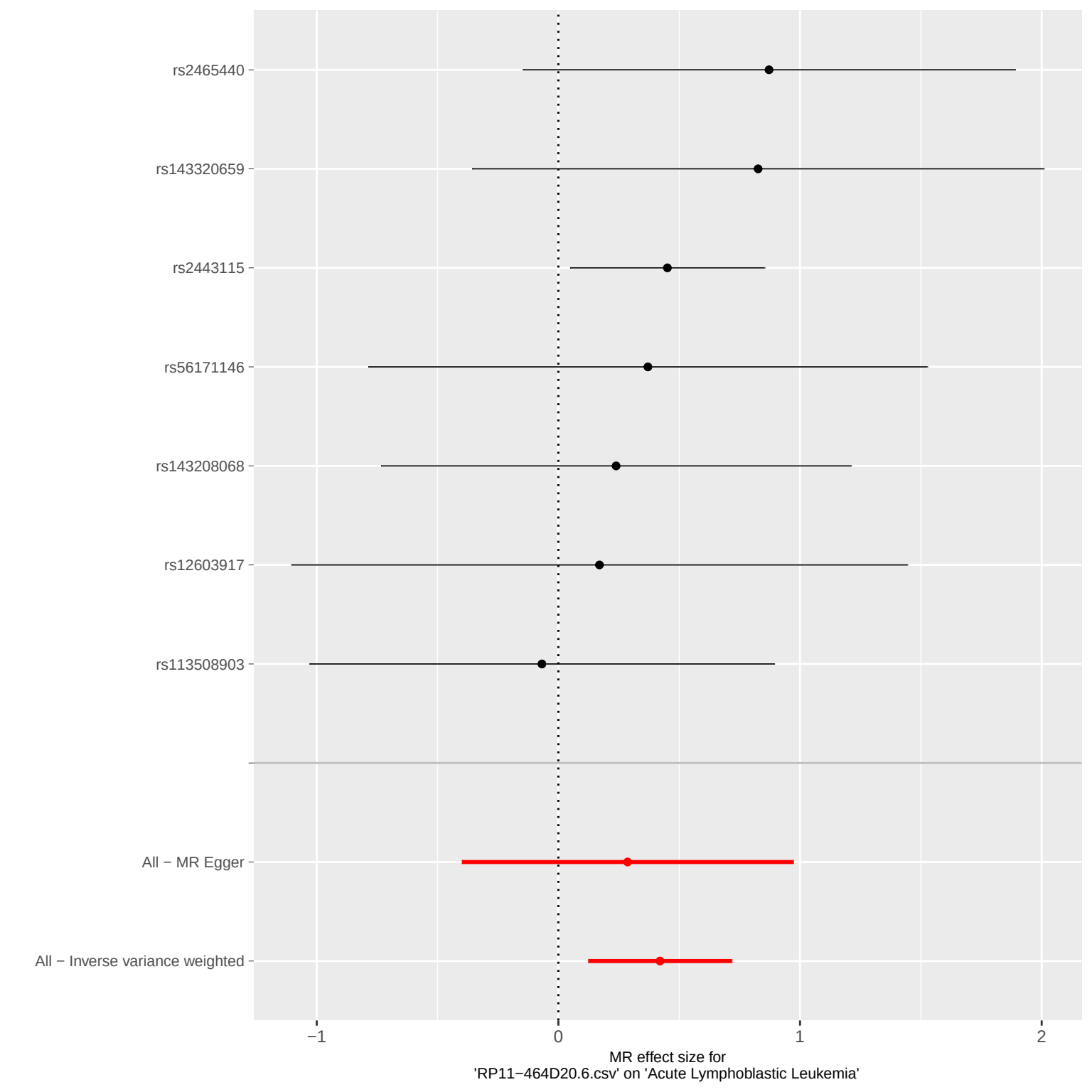
MR effect size for
'RP11−459O1.2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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1
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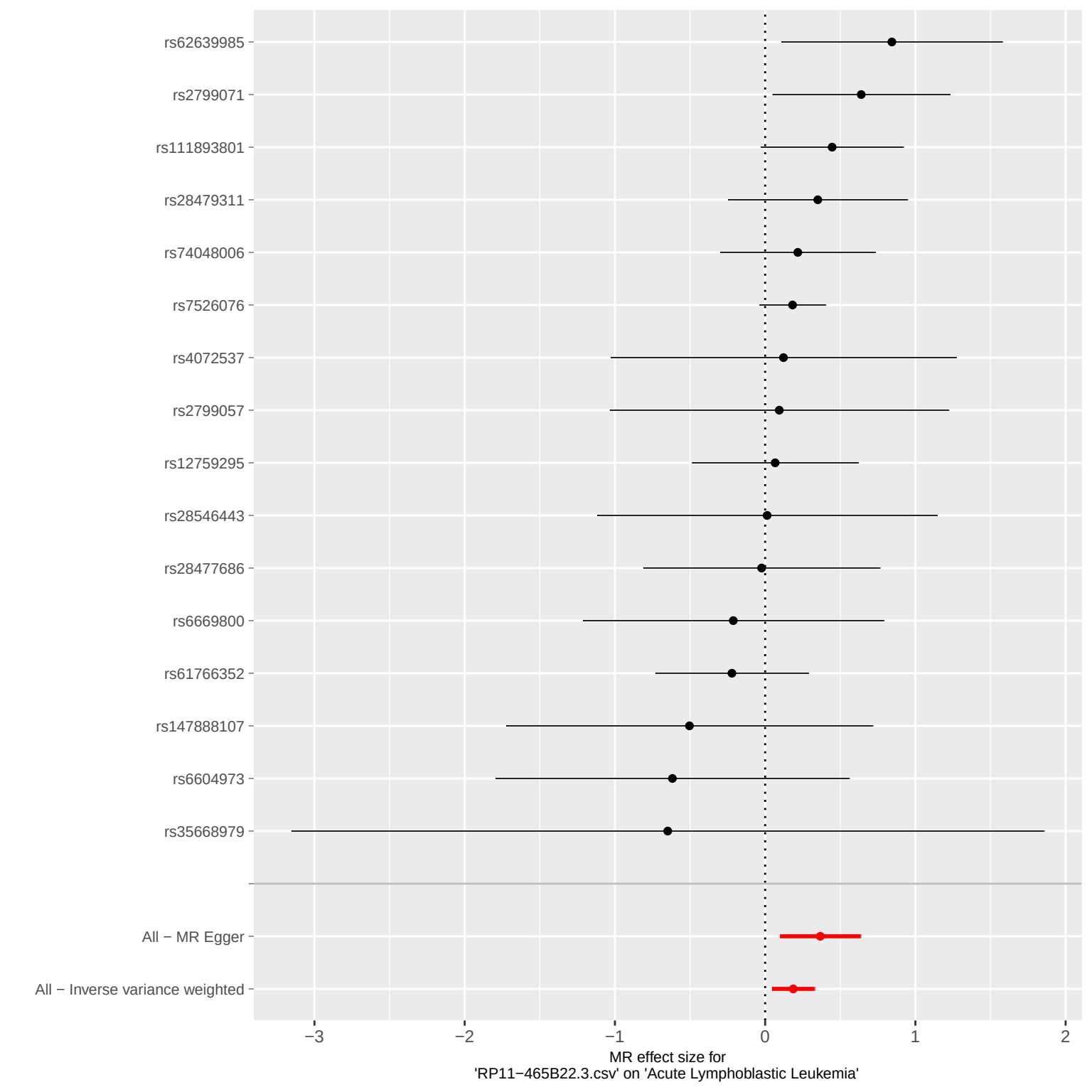
MR effect size for
'RP11−464D20.6.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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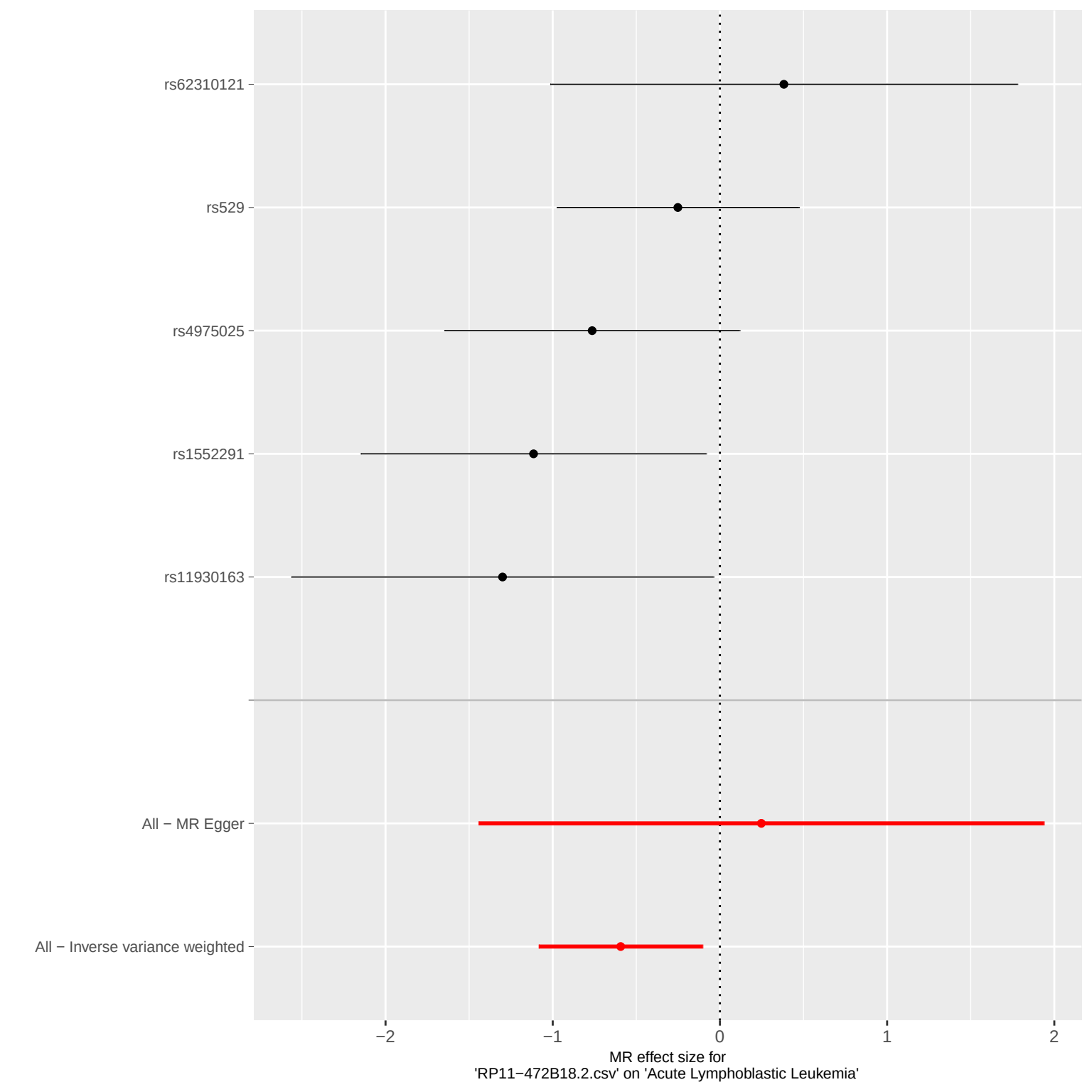
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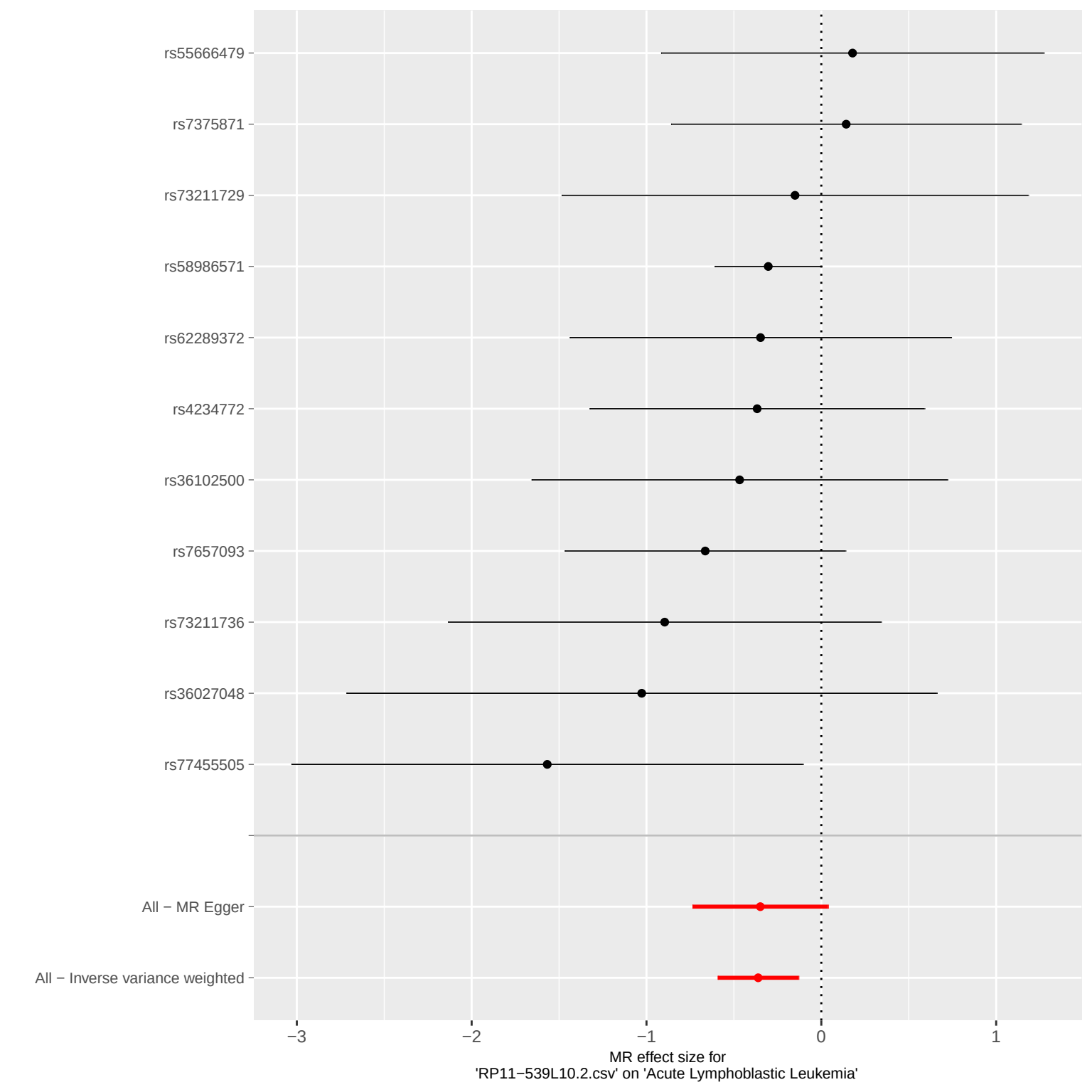
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MR effect size for
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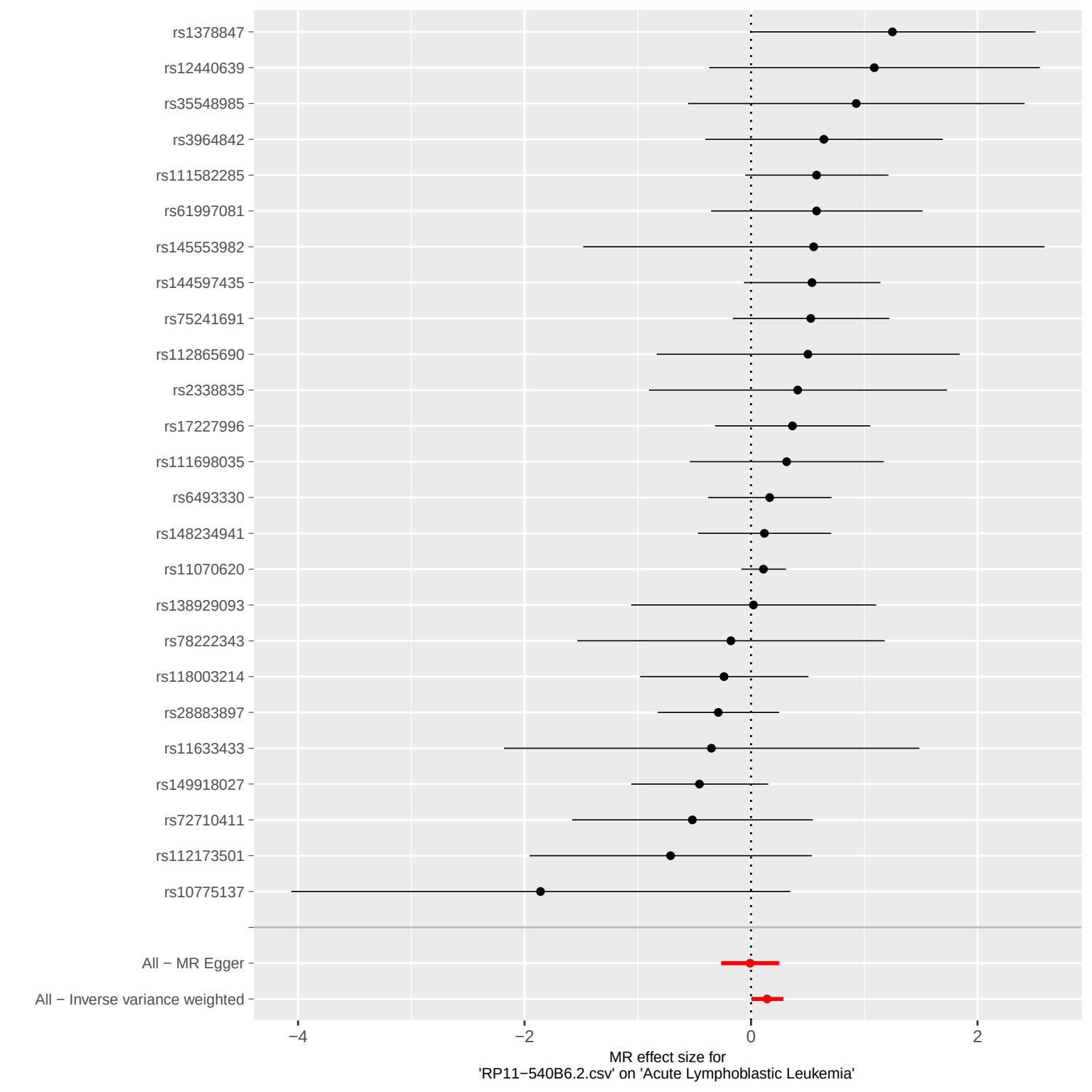
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All − Inverse variance weighted
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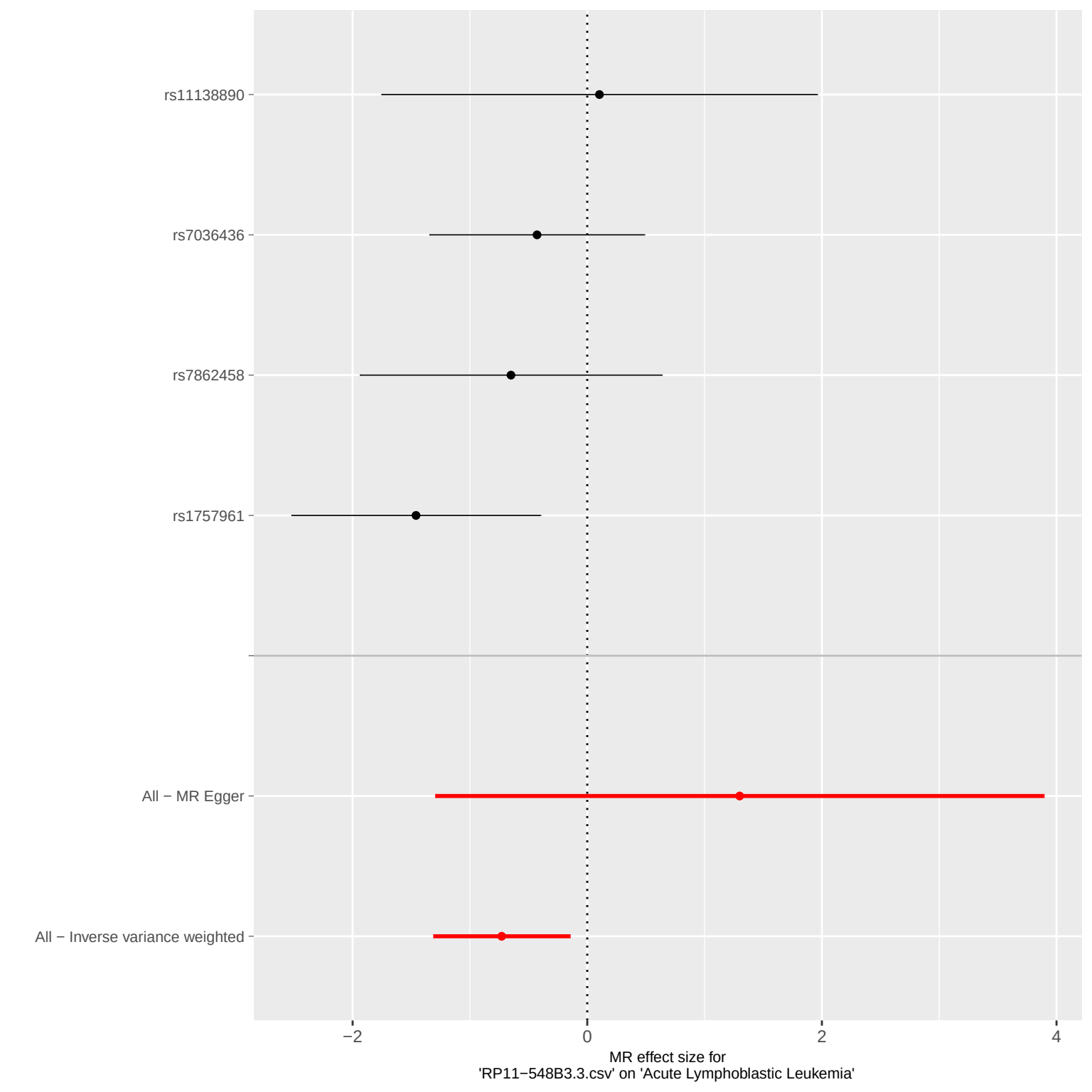
2
MR effect size for
'RP11−540B6.2.csv' on 'Acute Lymphoblastic Leukemia'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2
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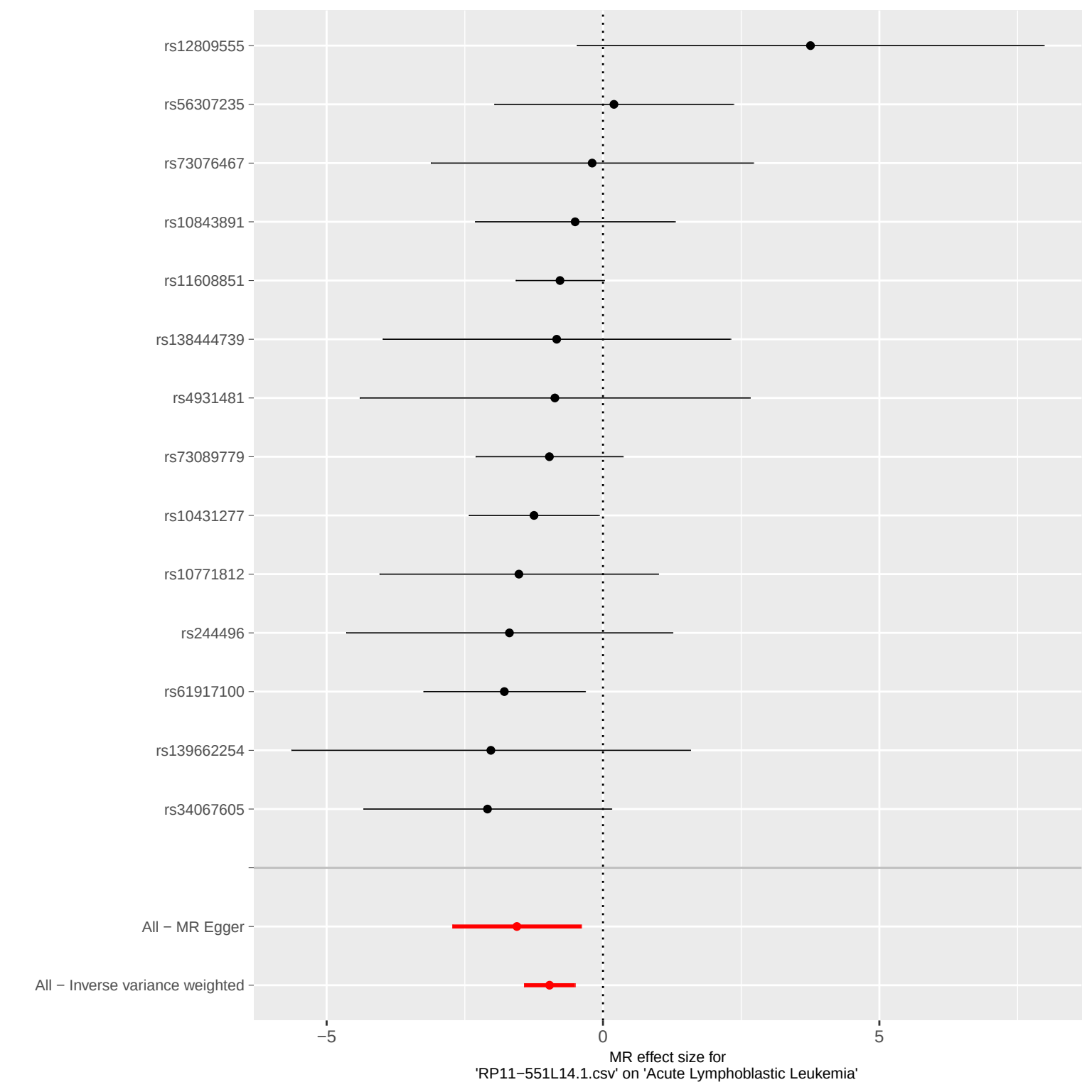
'RP11−548B3.3.csv' on 'Acute Lymphoblastic Leukemia'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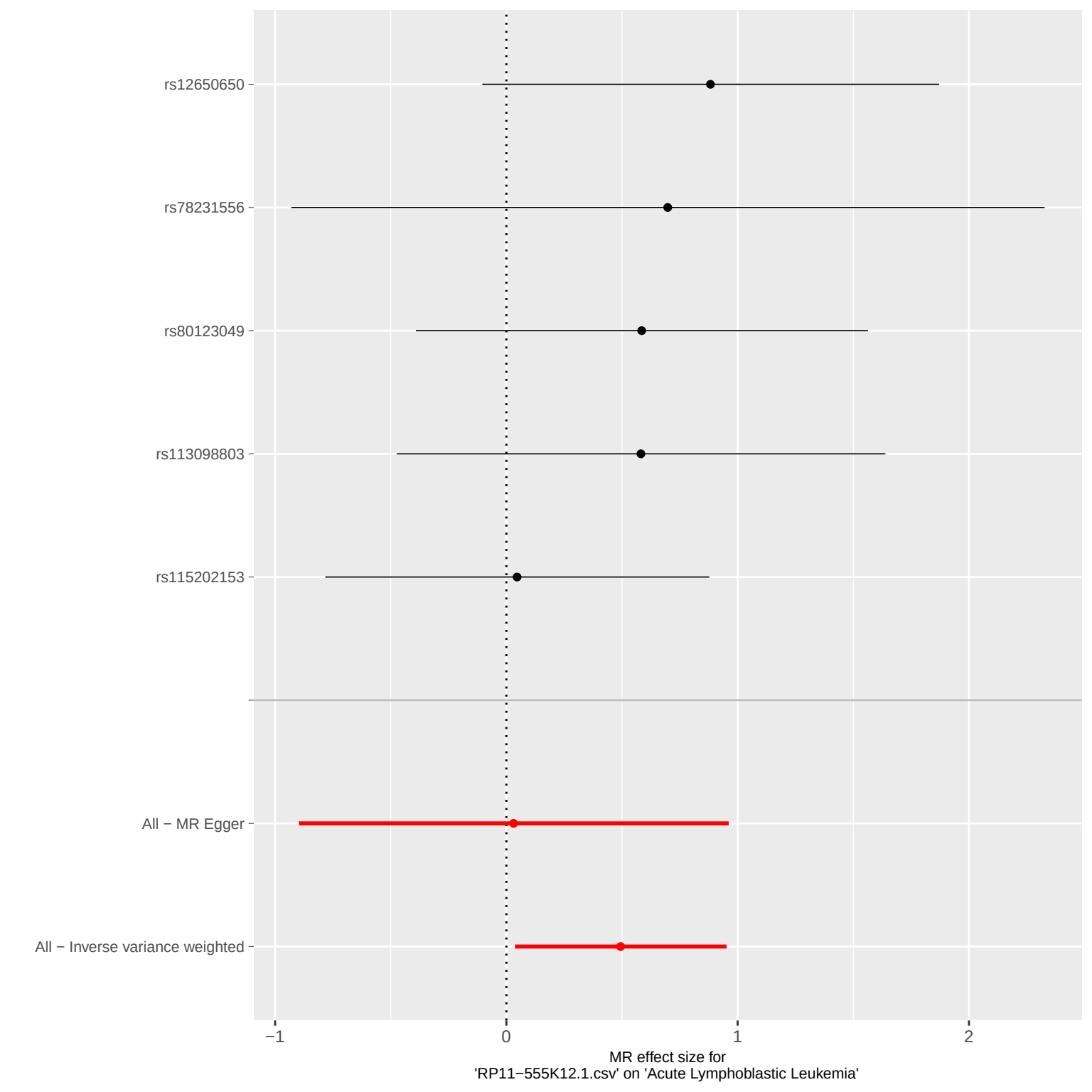
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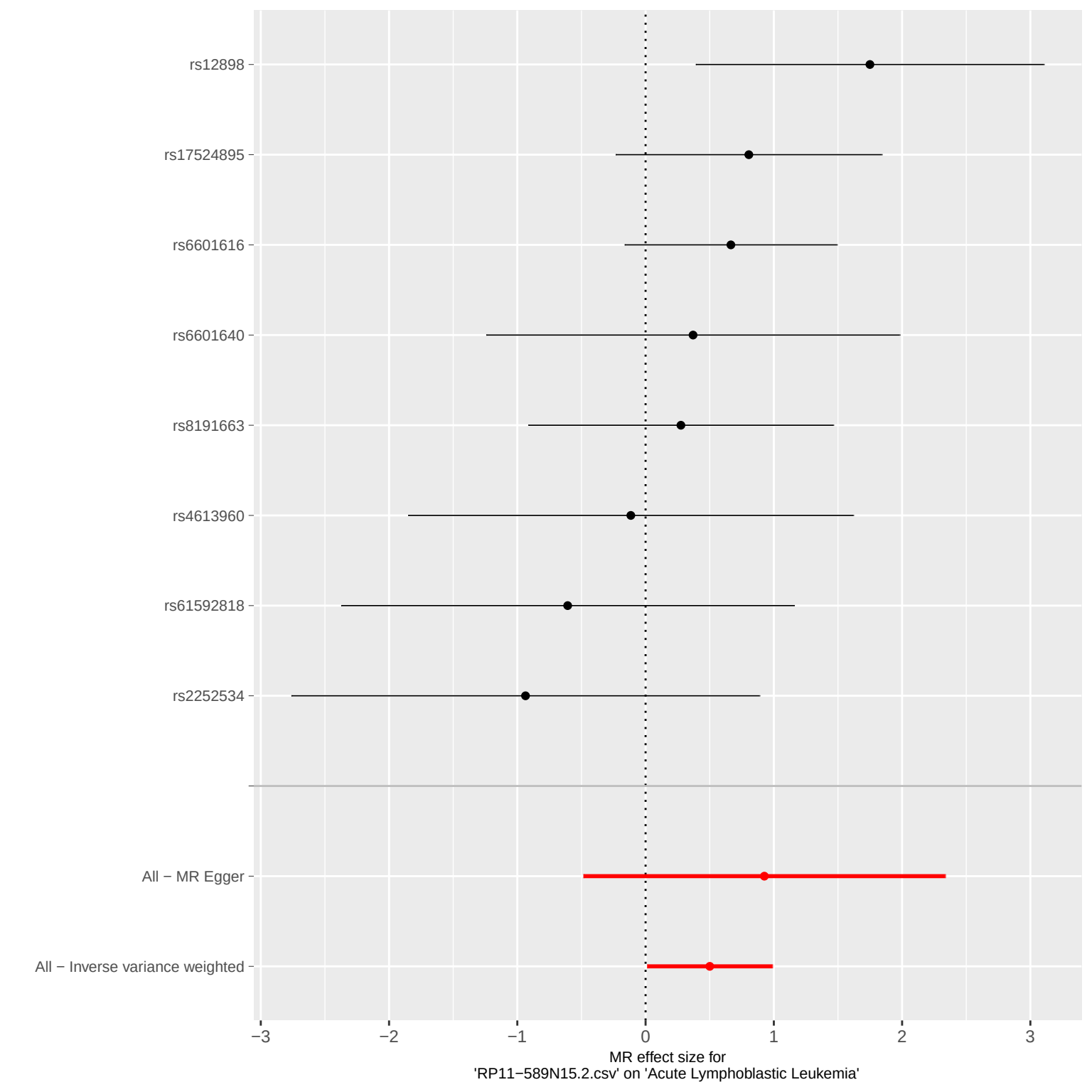
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All − MR Egger
All − Inverse variance weighted
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2
3
MR effect size for
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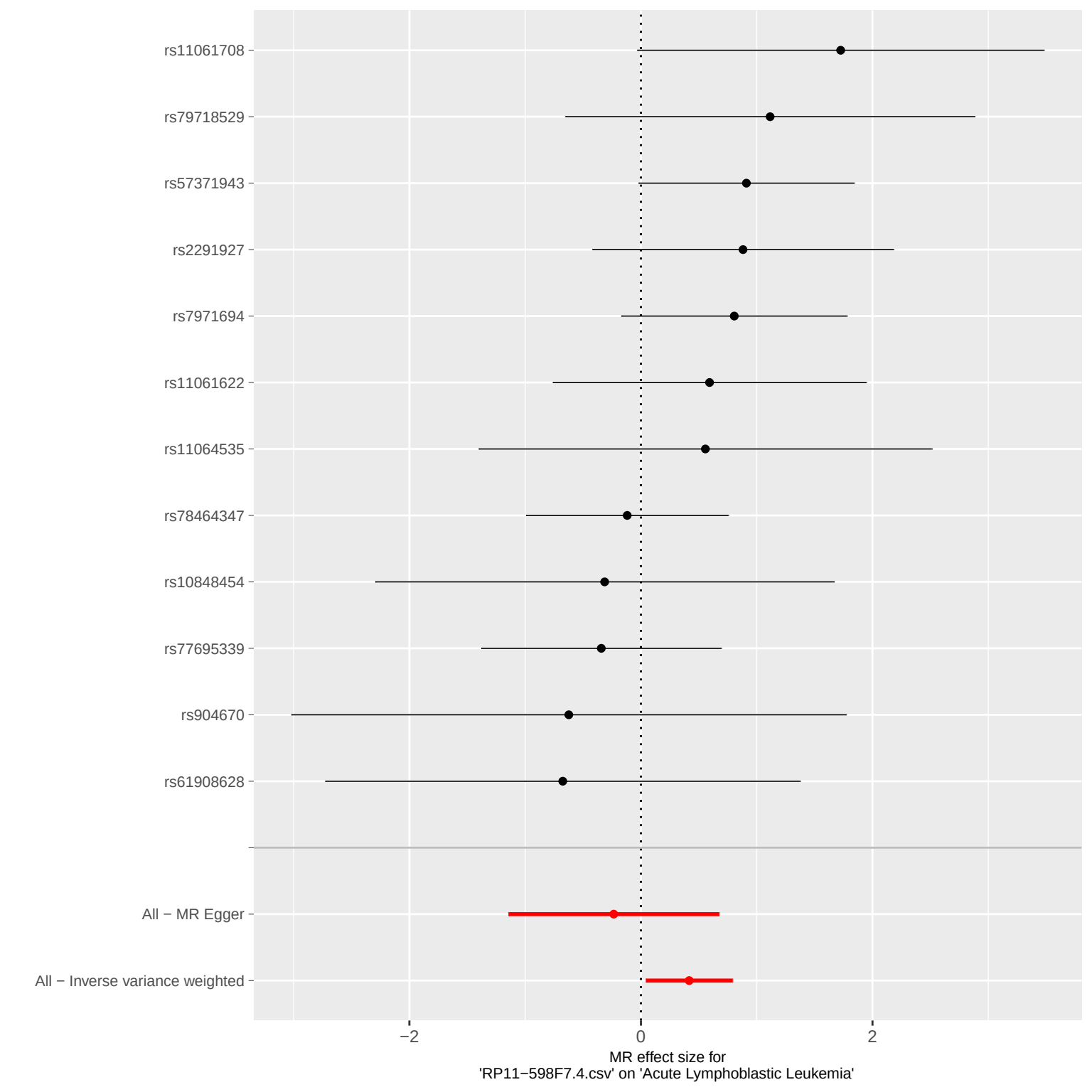
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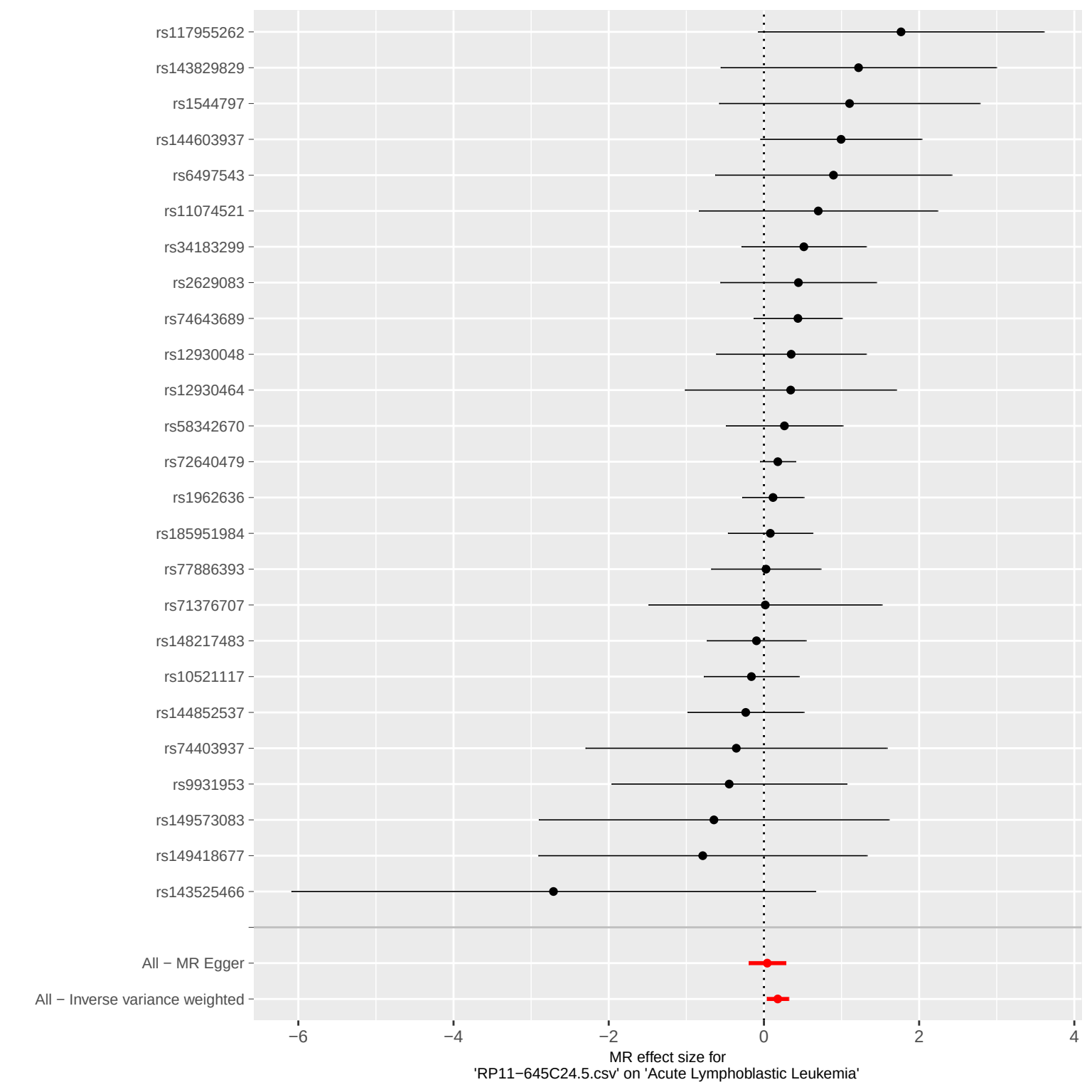
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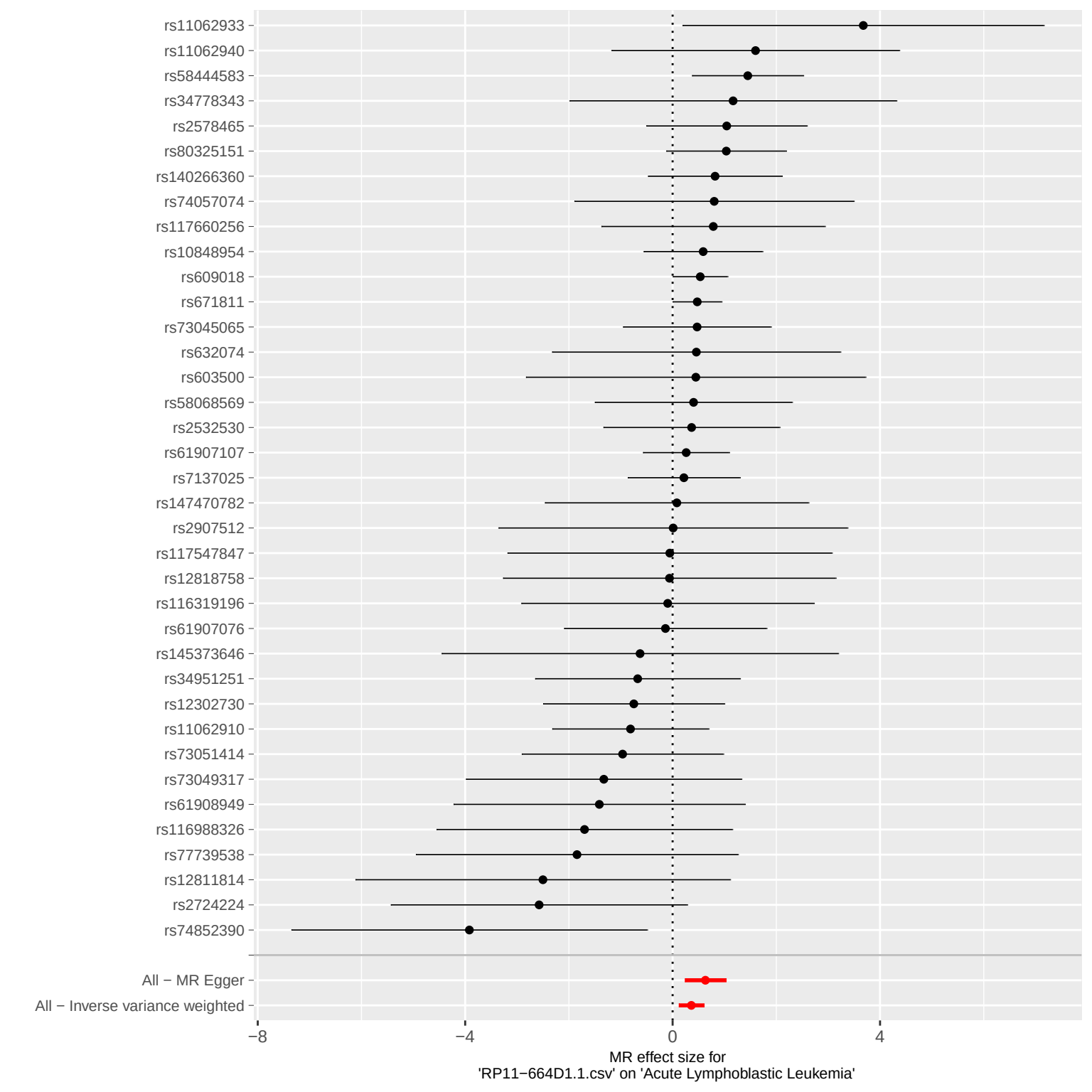
MR effect size for
'RP11−645C24.5.csv' on 'Acute Lymphoblastic Leukemia'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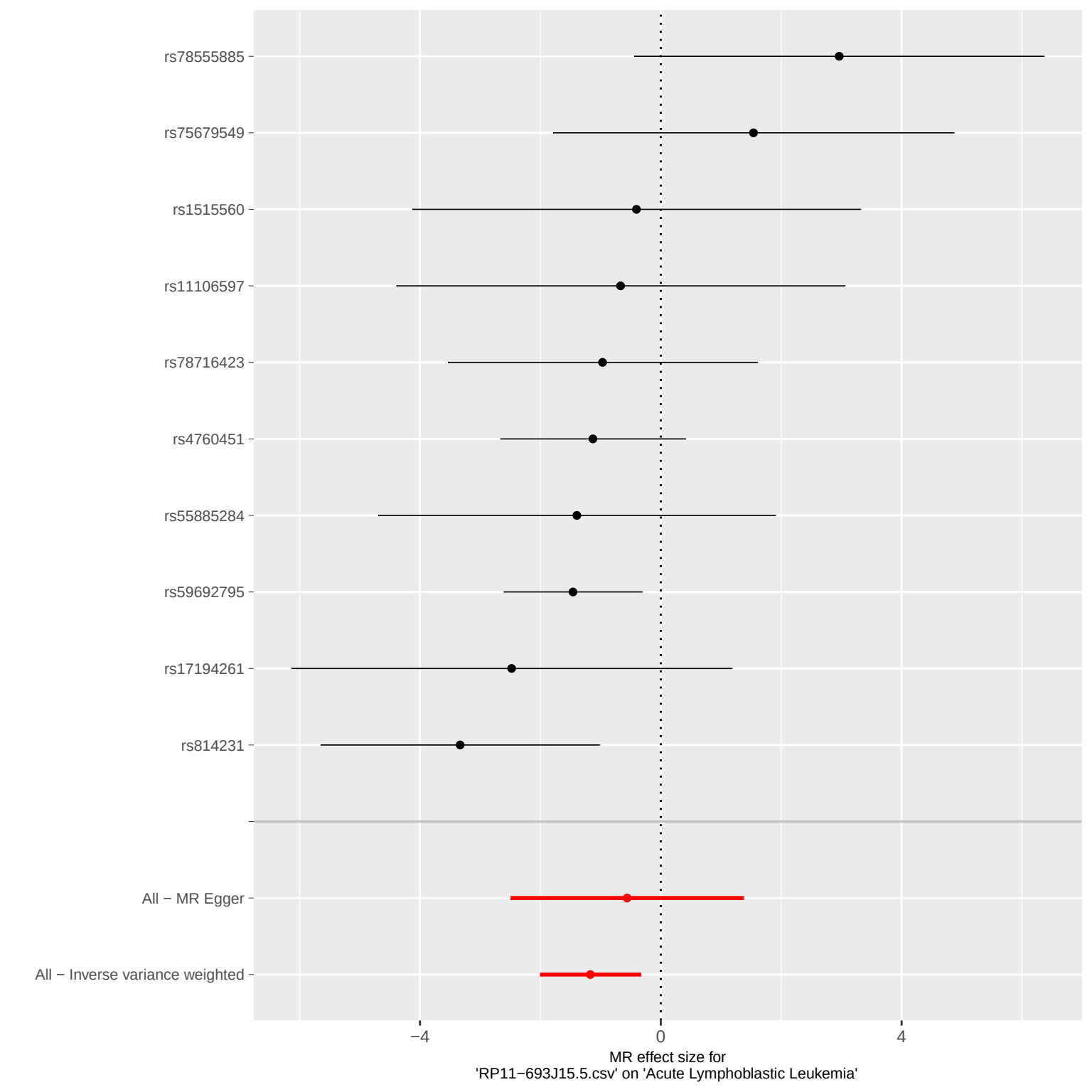
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MR effect size for
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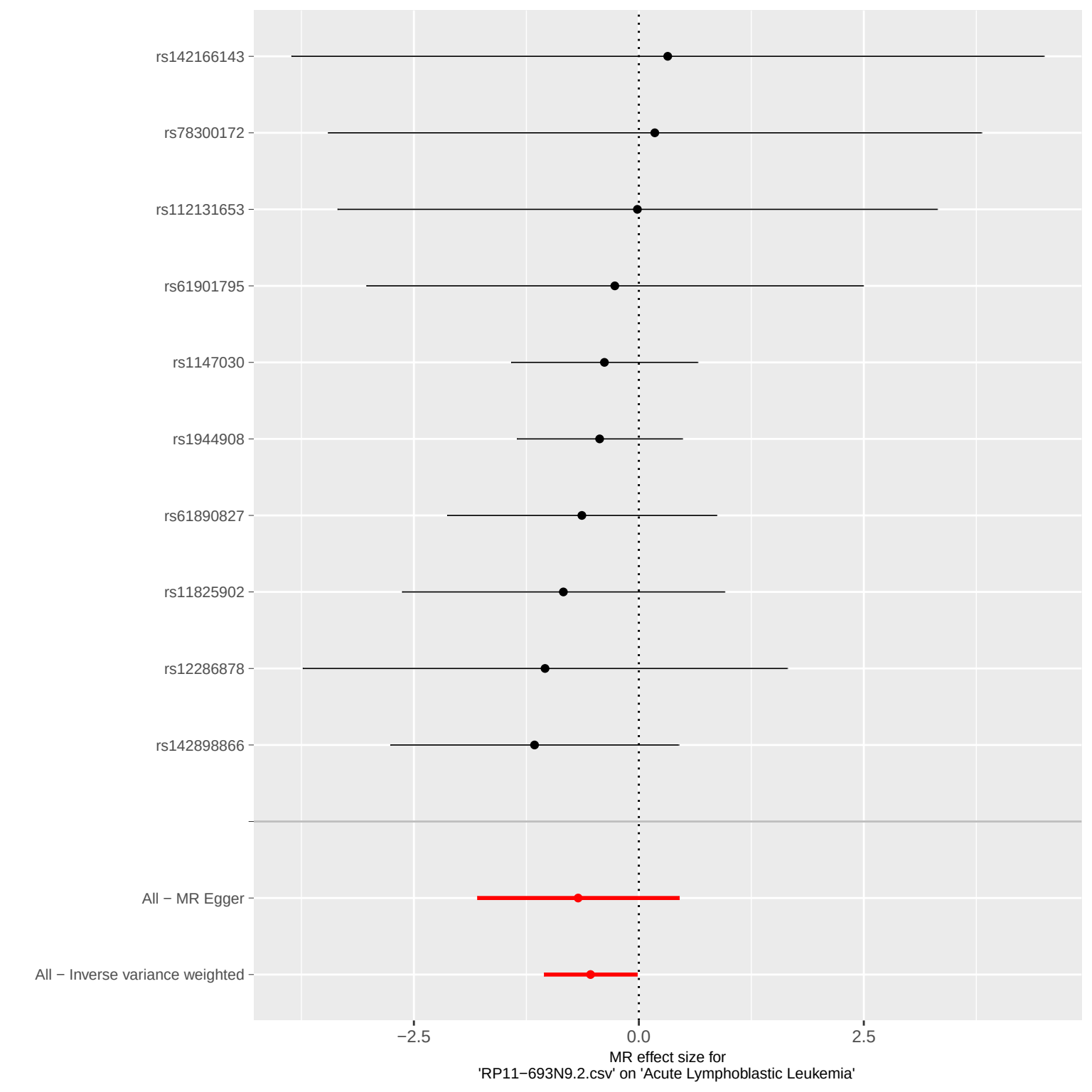
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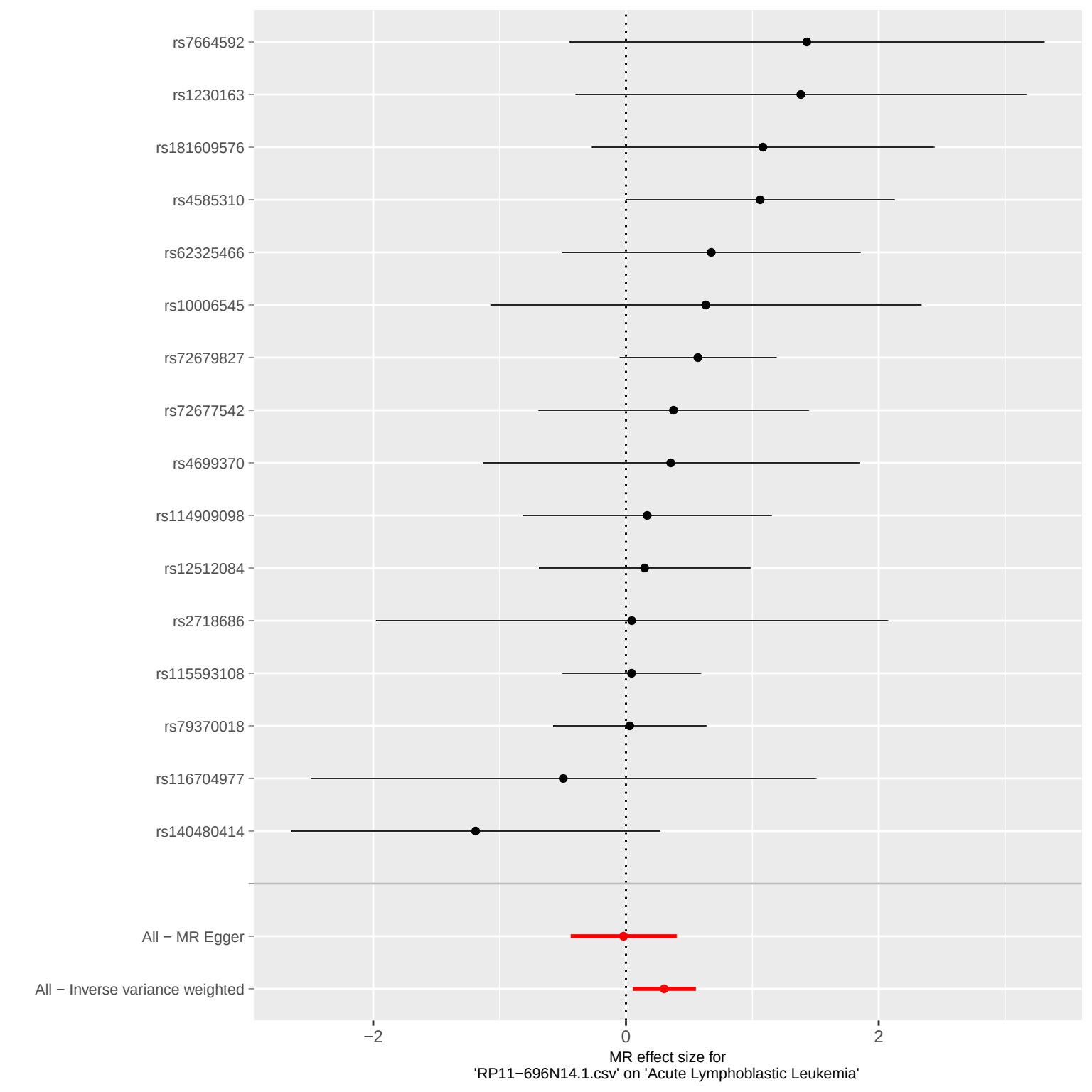
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MR effect size for
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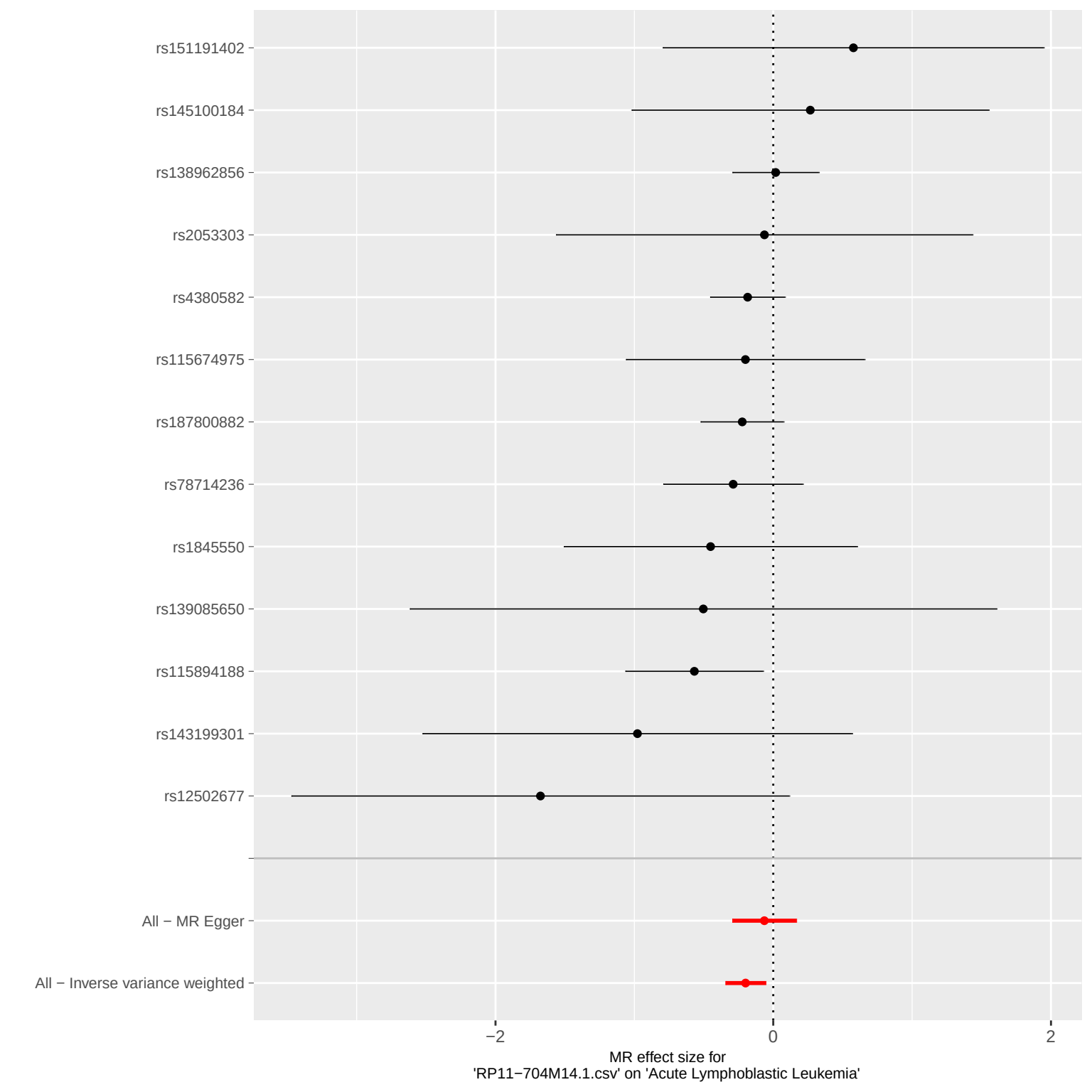
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MR effect size for
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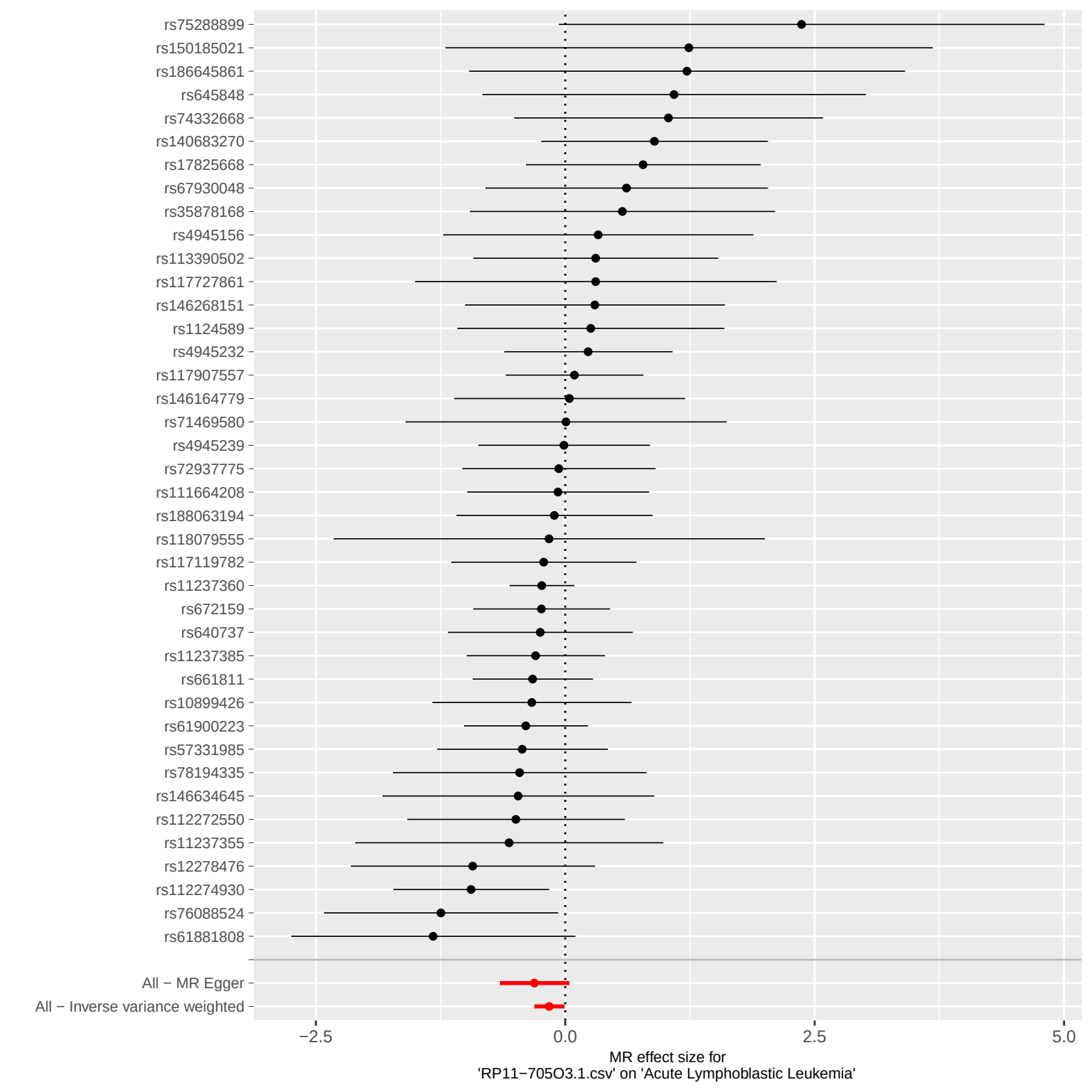
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All − MR Egger
All − Inverse variance weighted
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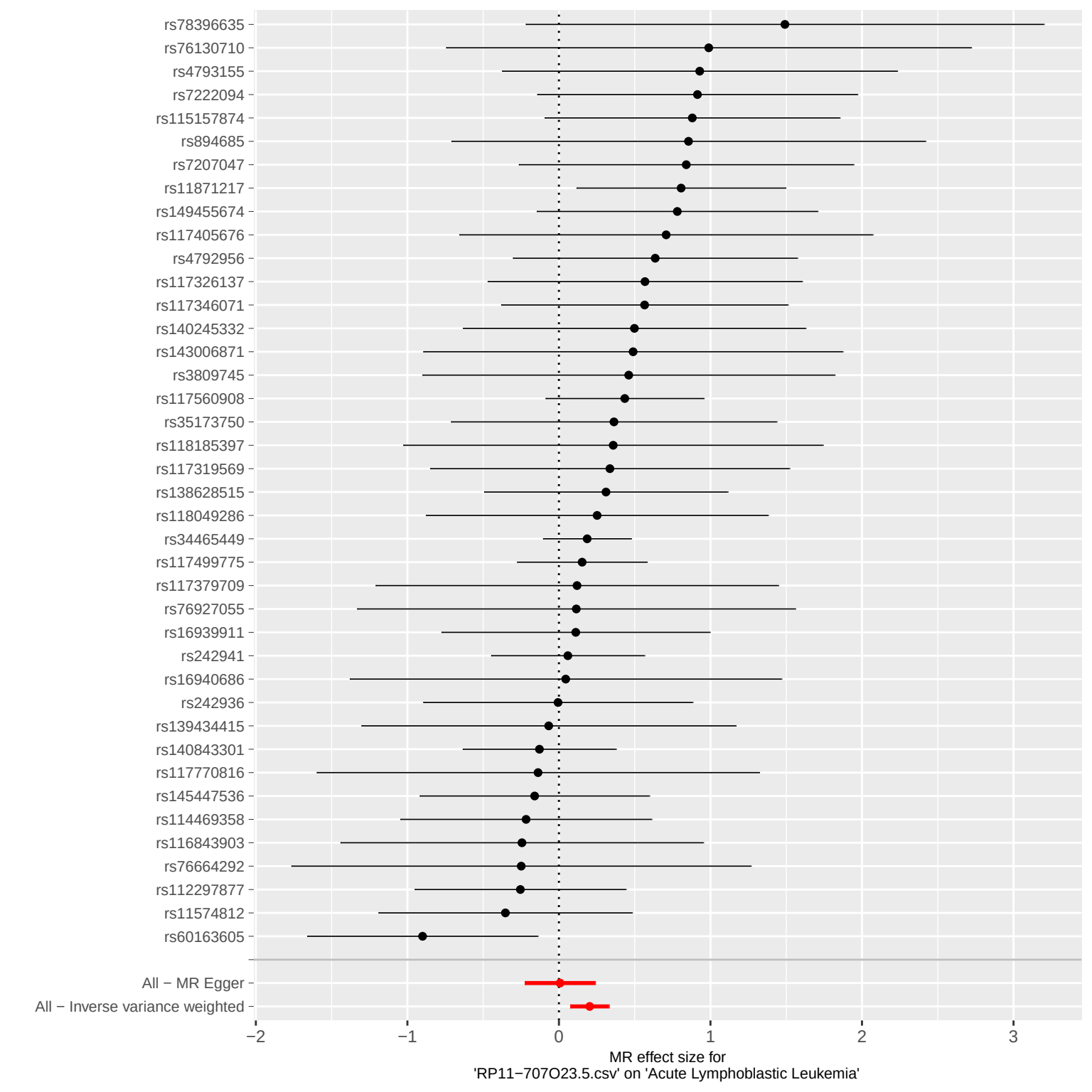
5.0
MR effect size for
'RP11−705O3.1.csv' on 'Acute Lymphoblastic Leukemia'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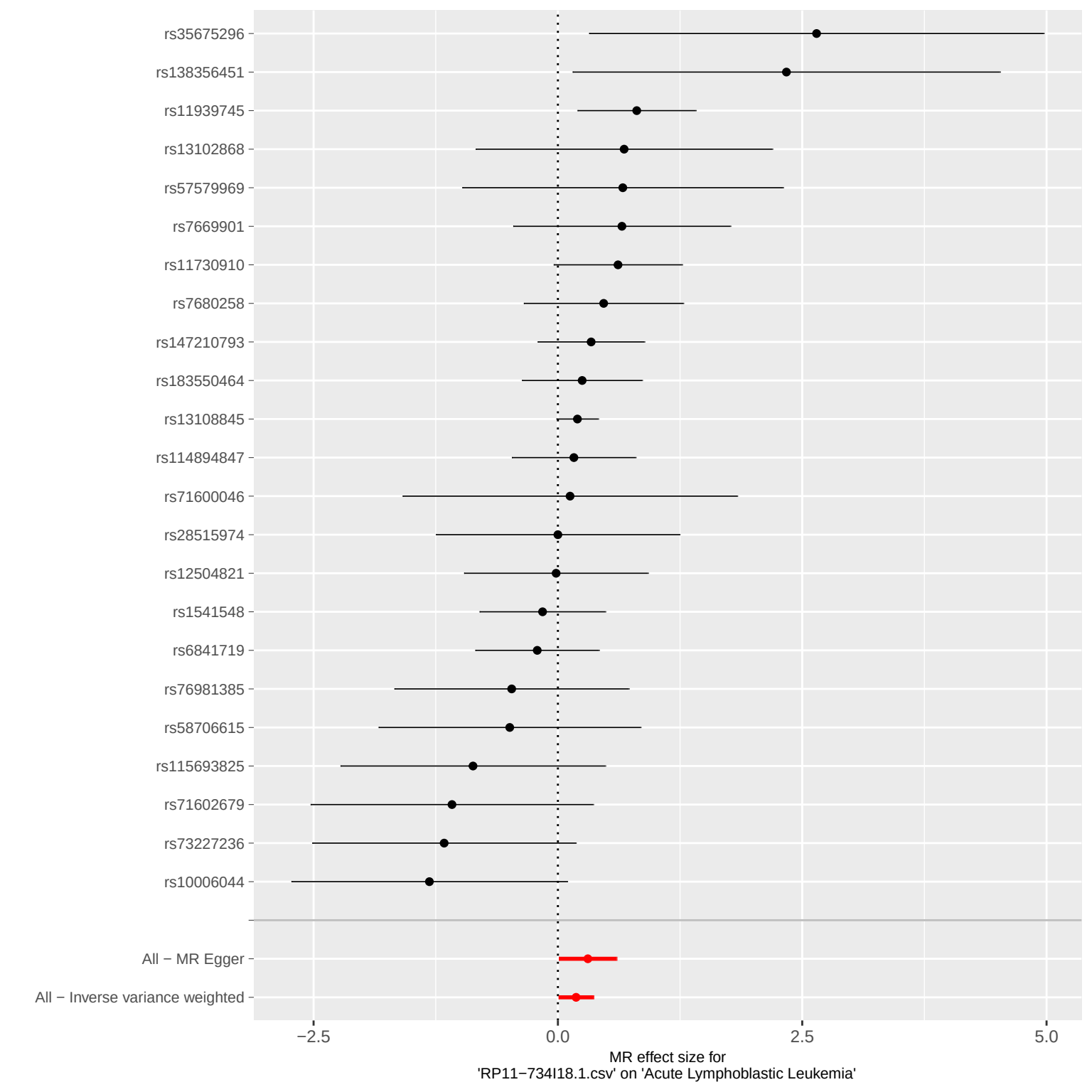
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'RP11−707O23.5.csv' on 'Acute Lymphoblastic Leukemia'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rs76981385
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rs73227236
rs10006044
All − MR Egger
All − Inverse variance weighted
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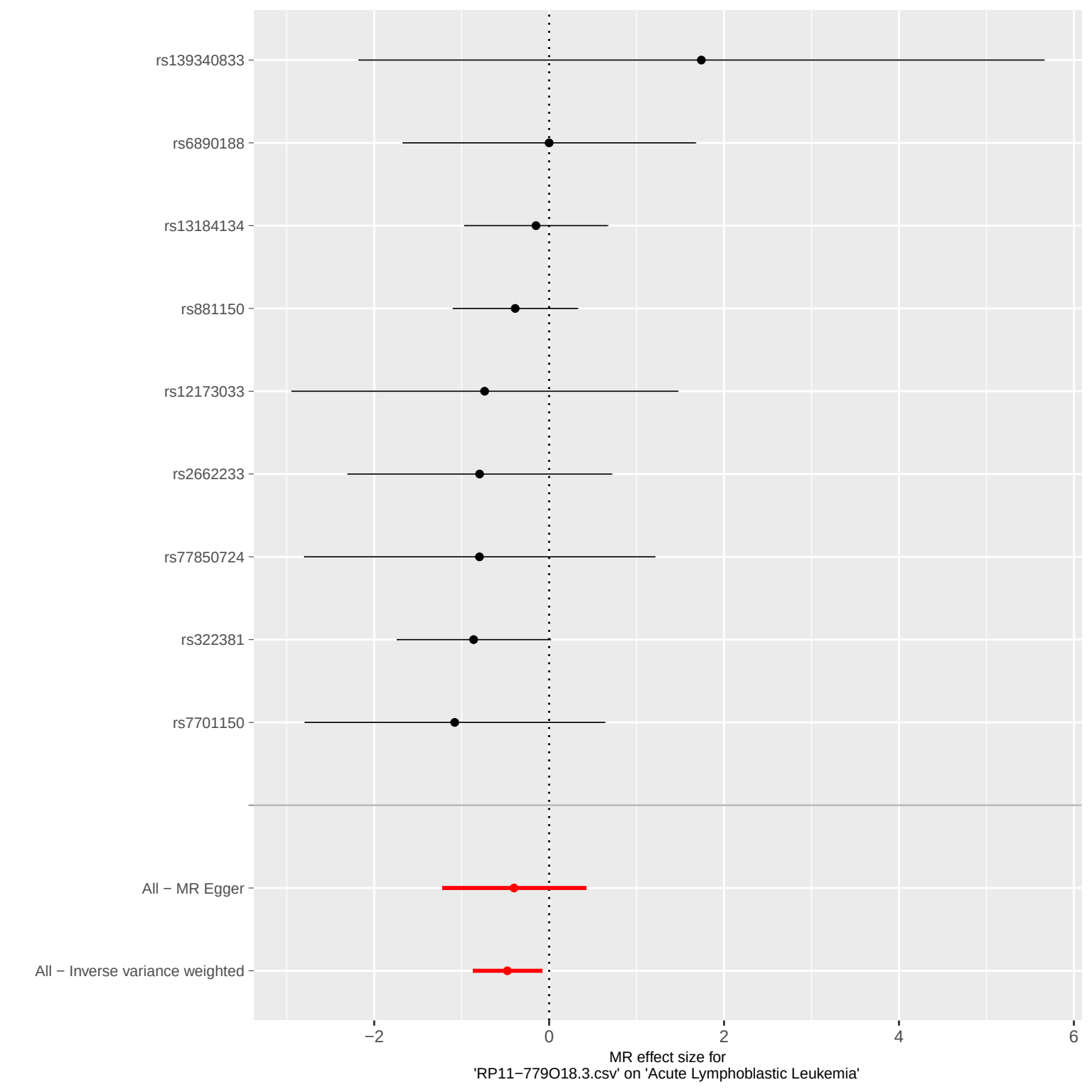
0.0
2.5
5.0
MR effect size for
'RP11−734I18.1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−2
0
2
4
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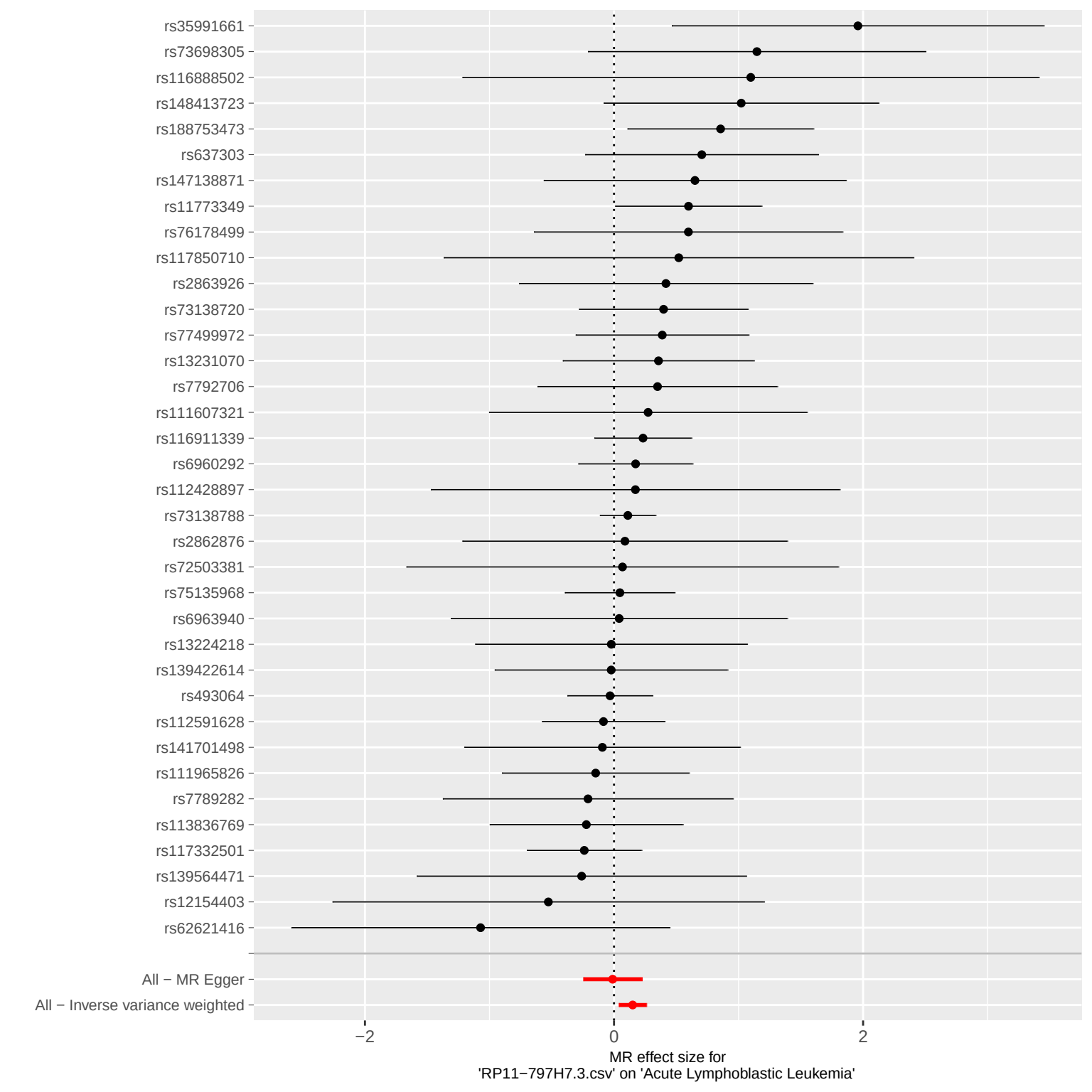
MR effect size for
'RP11−779O18.3.csv' on 'Acute Lymphoblastic Leukemia'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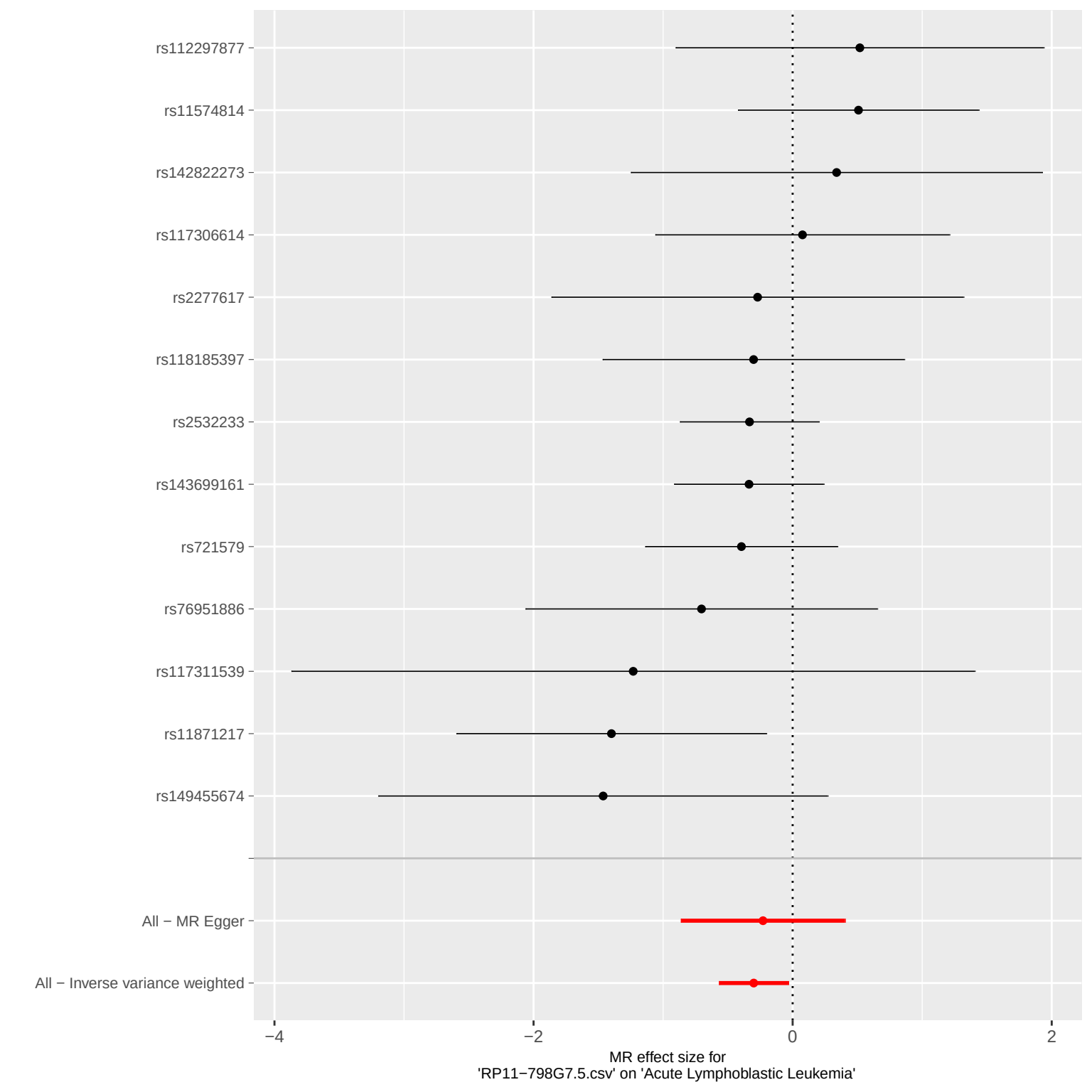
MR effect size for
'RP11−797H7.3.csv' on 'Acute Lymphoblastic Leukemia'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rs117311539
rs11871217
rs149455674
All − MR Egger
All − Inverse variance weighted
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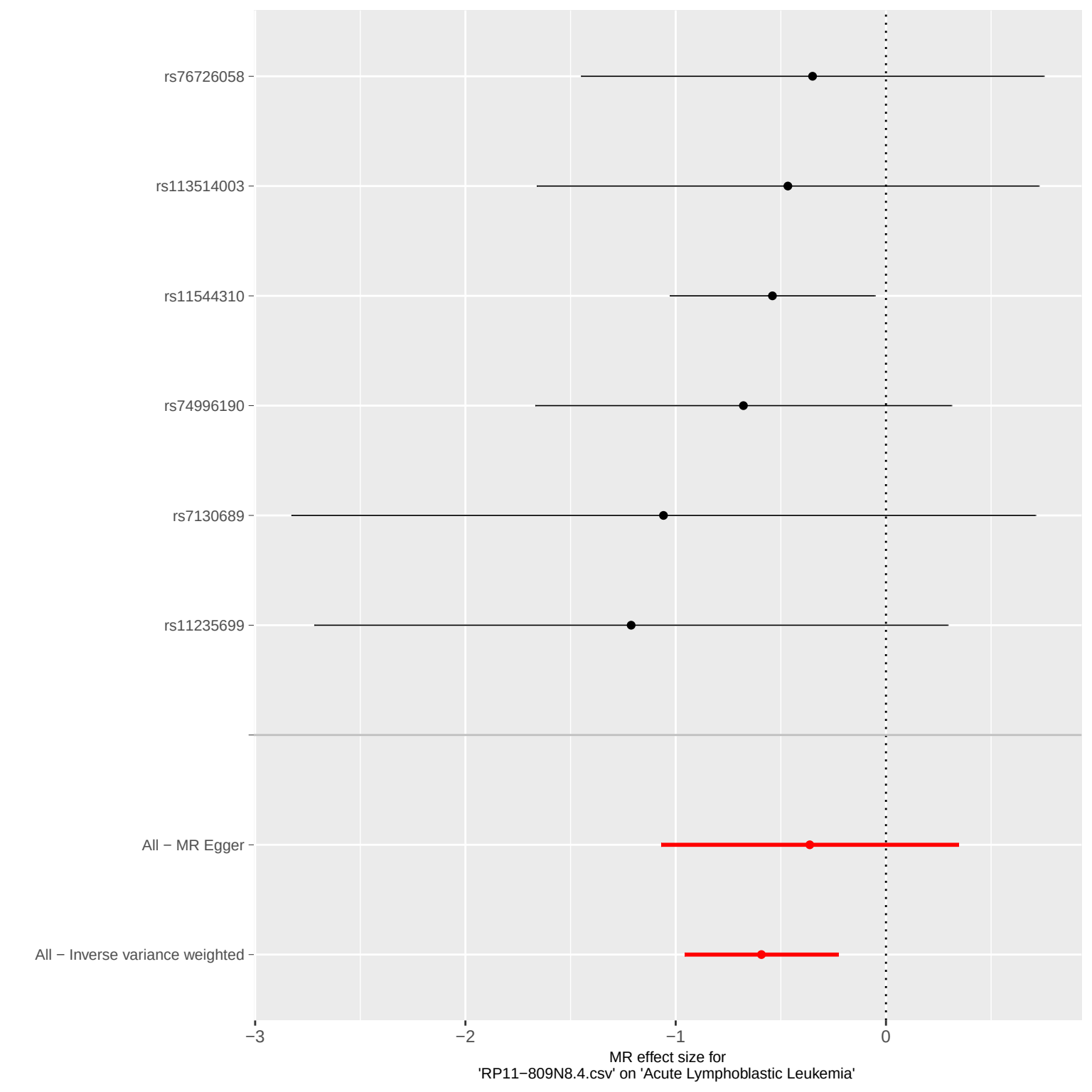
MR effect size for
'RP11−798G7.5.csv' on 'Acute Lymphoblastic Leukemia'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rs11235699
All − MR Egger
All − Inverse variance weighted
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−1
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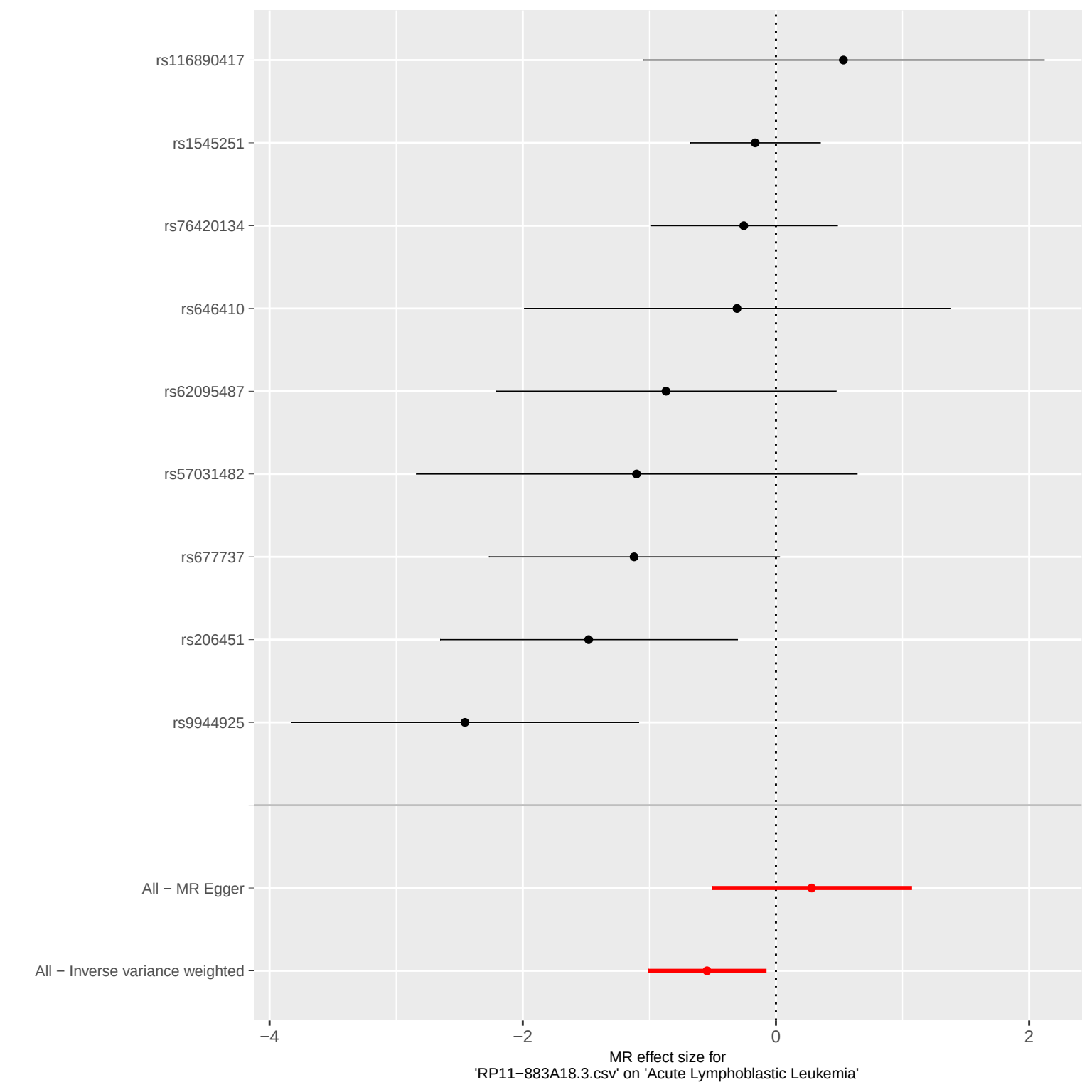
MR effect size for
'RP11−809N8.4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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0
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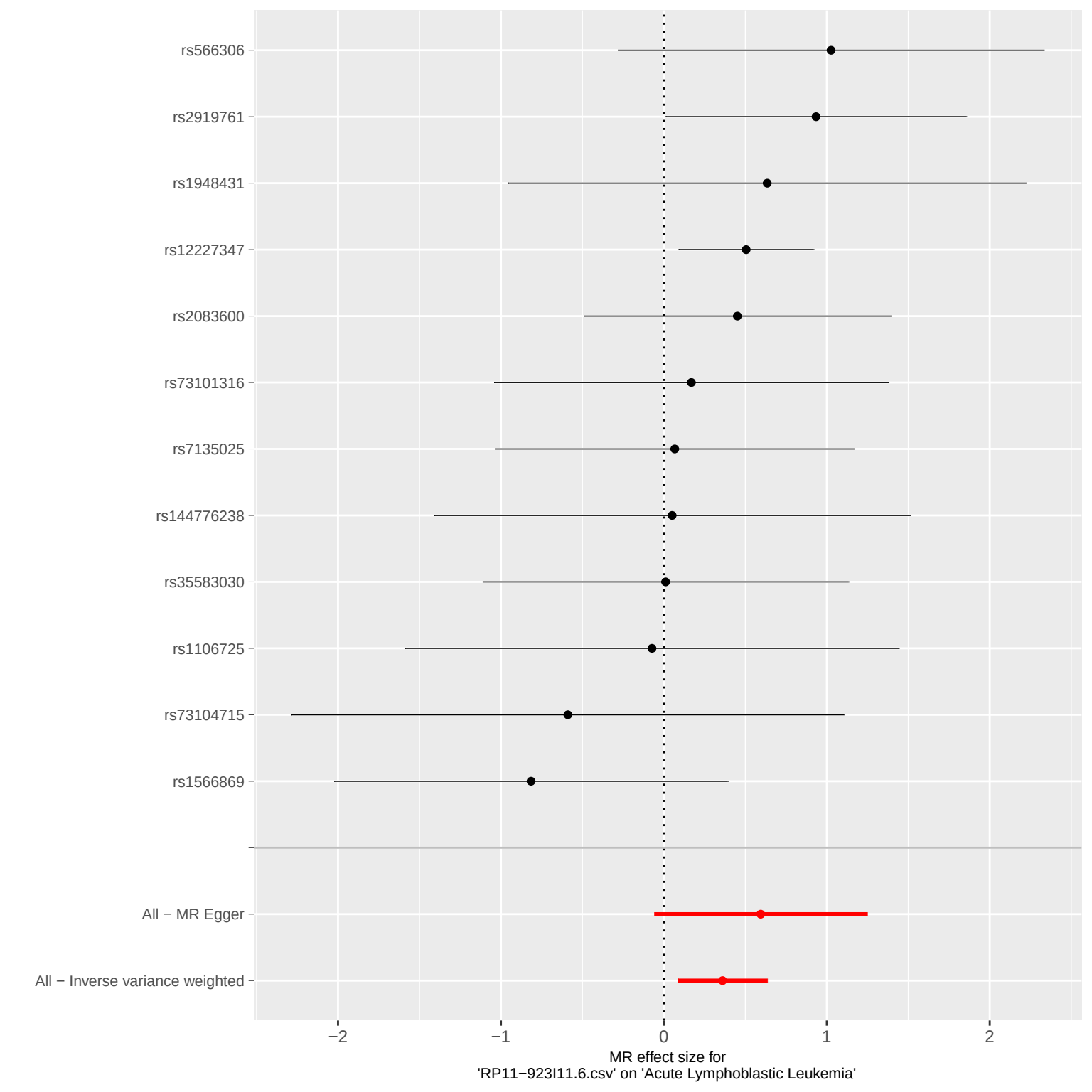
MR effect size for
'RP11−883A18.3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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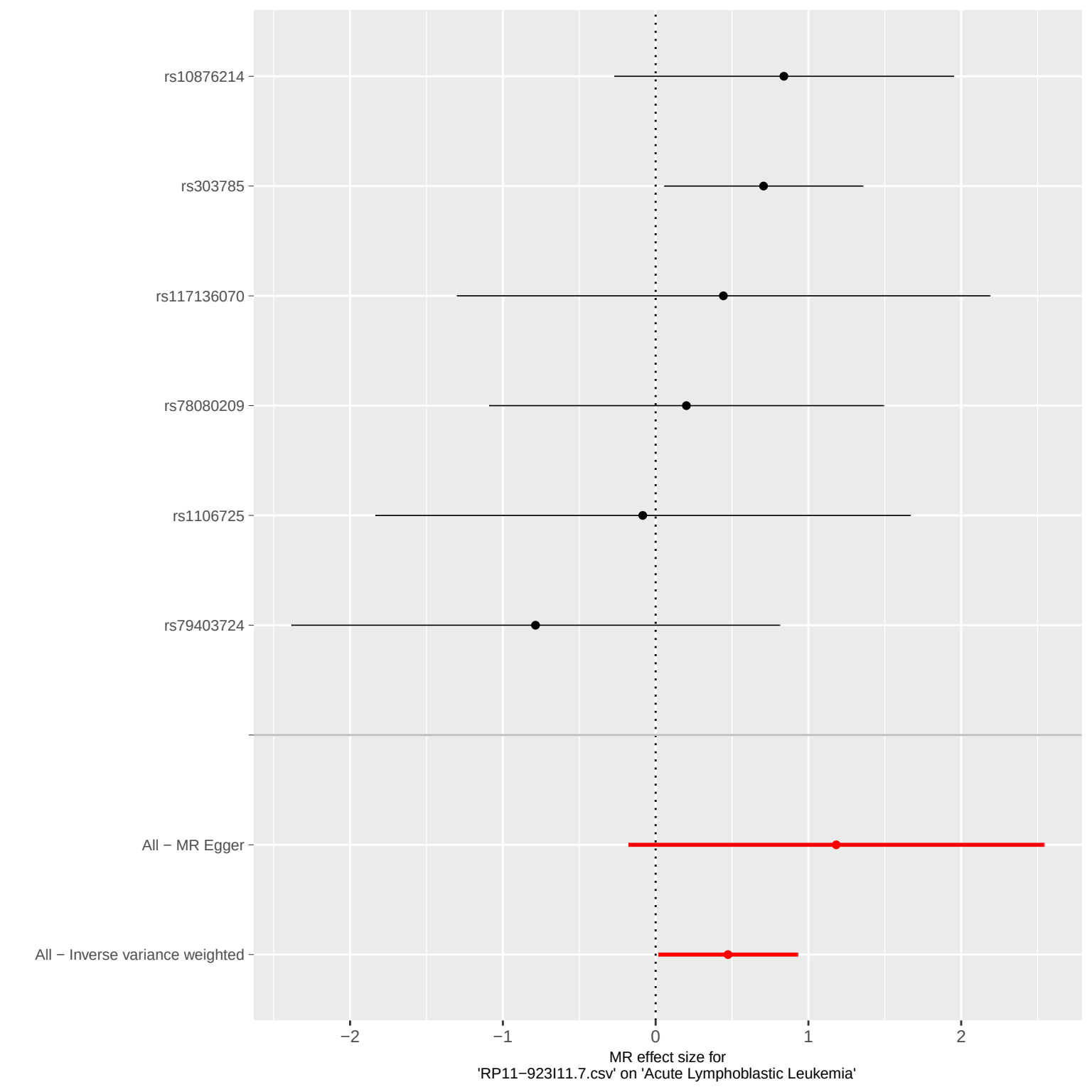
MR effect size for
'RP11−923I11.6.csv' on 'Acute Lymphoblastic Leukemia'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rs1106725
rs79403724
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−1
0
1
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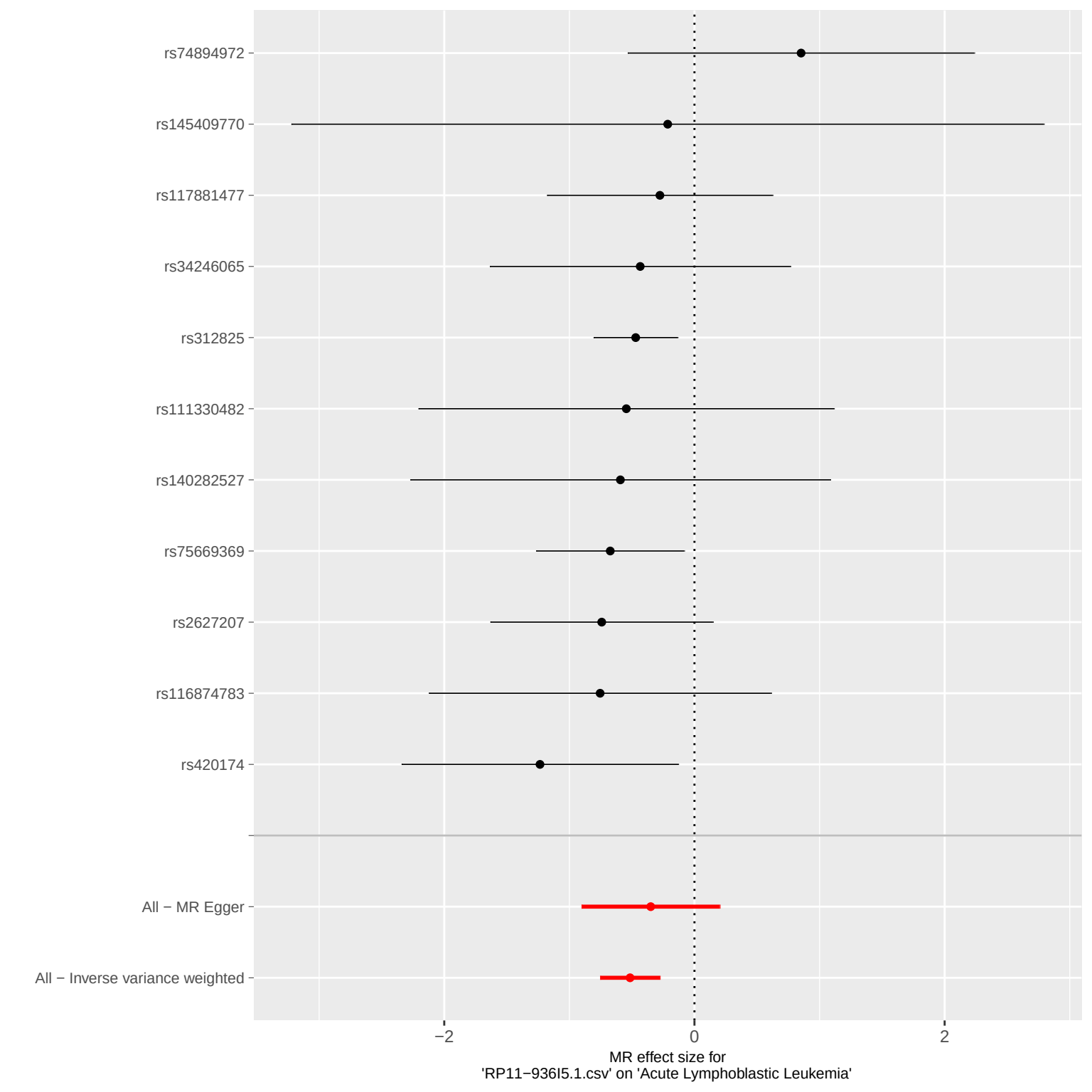
MR effect size for
'RP11−923I11.7.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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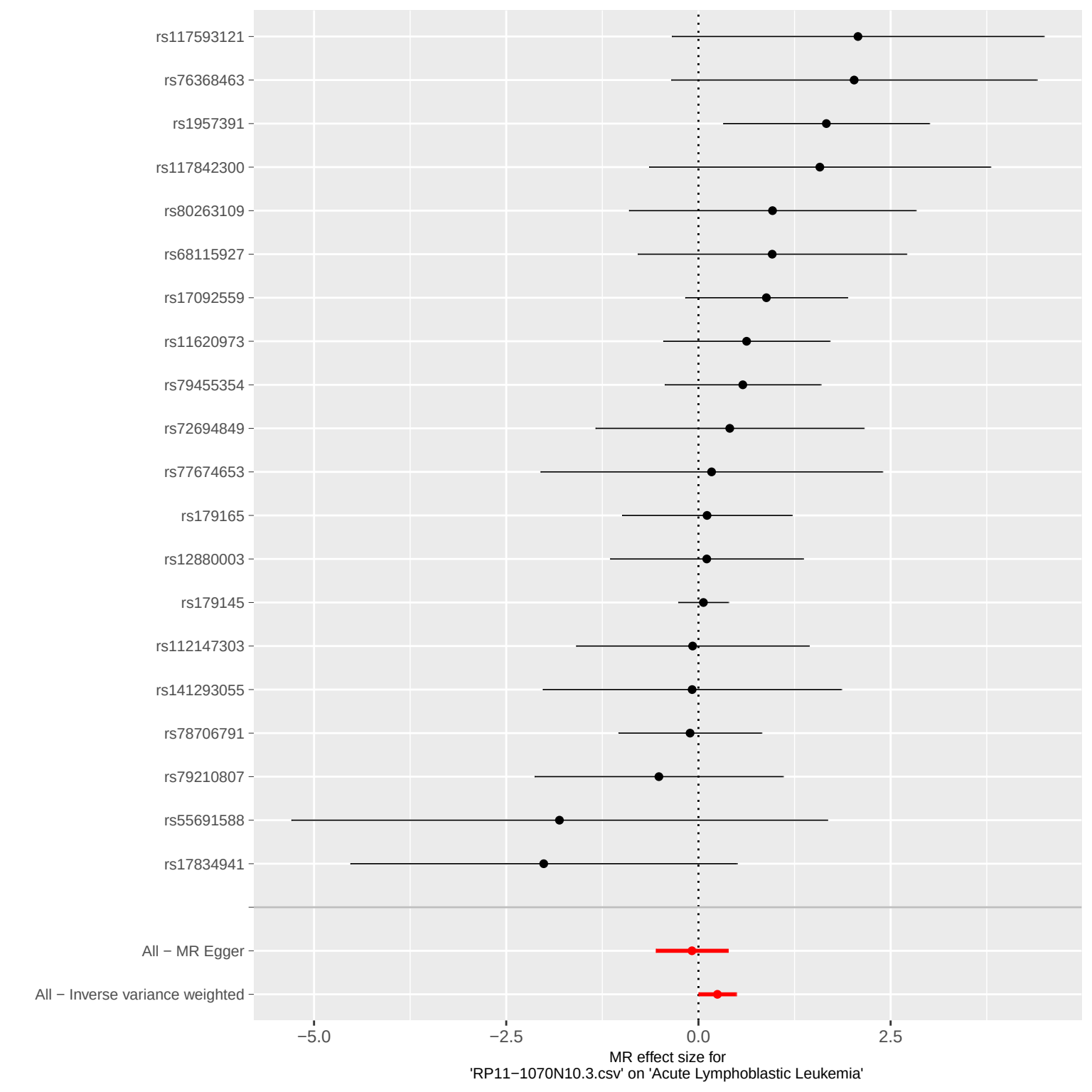
MR effect size for
'RP11−936I5.1.csv' on 'Acute Lymphoblastic Leukemia'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rs179165
rs12880003
rs179145
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rs141293055
rs78706791
rs79210807
rs55691588
rs17834941
All − MR Egger
All − Inverse variance weighted
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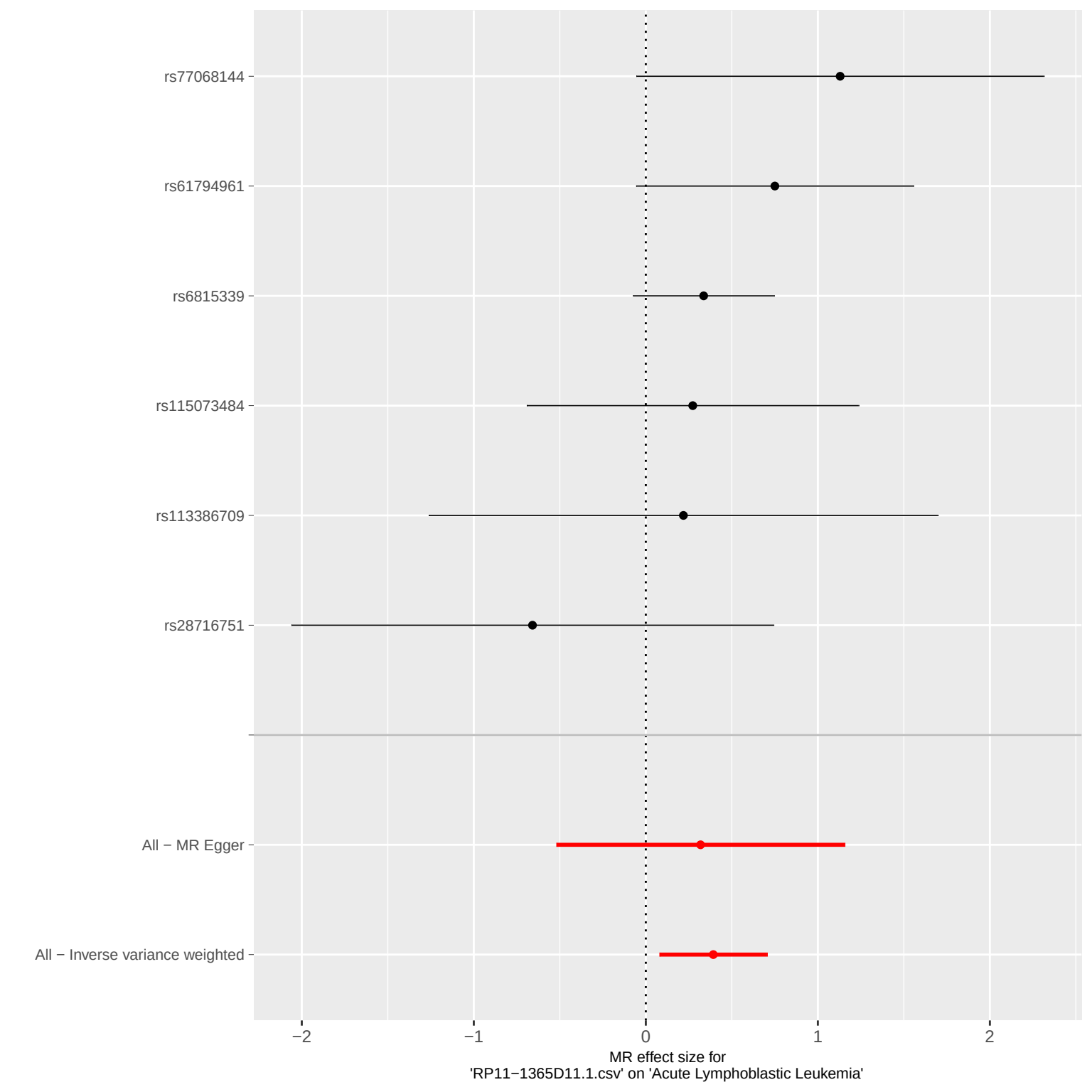
−2.5
0.0
2.5
MR effect size for
'RP11−1070N10.3.csv' on 'Acute Lymphoblastic Leukemia'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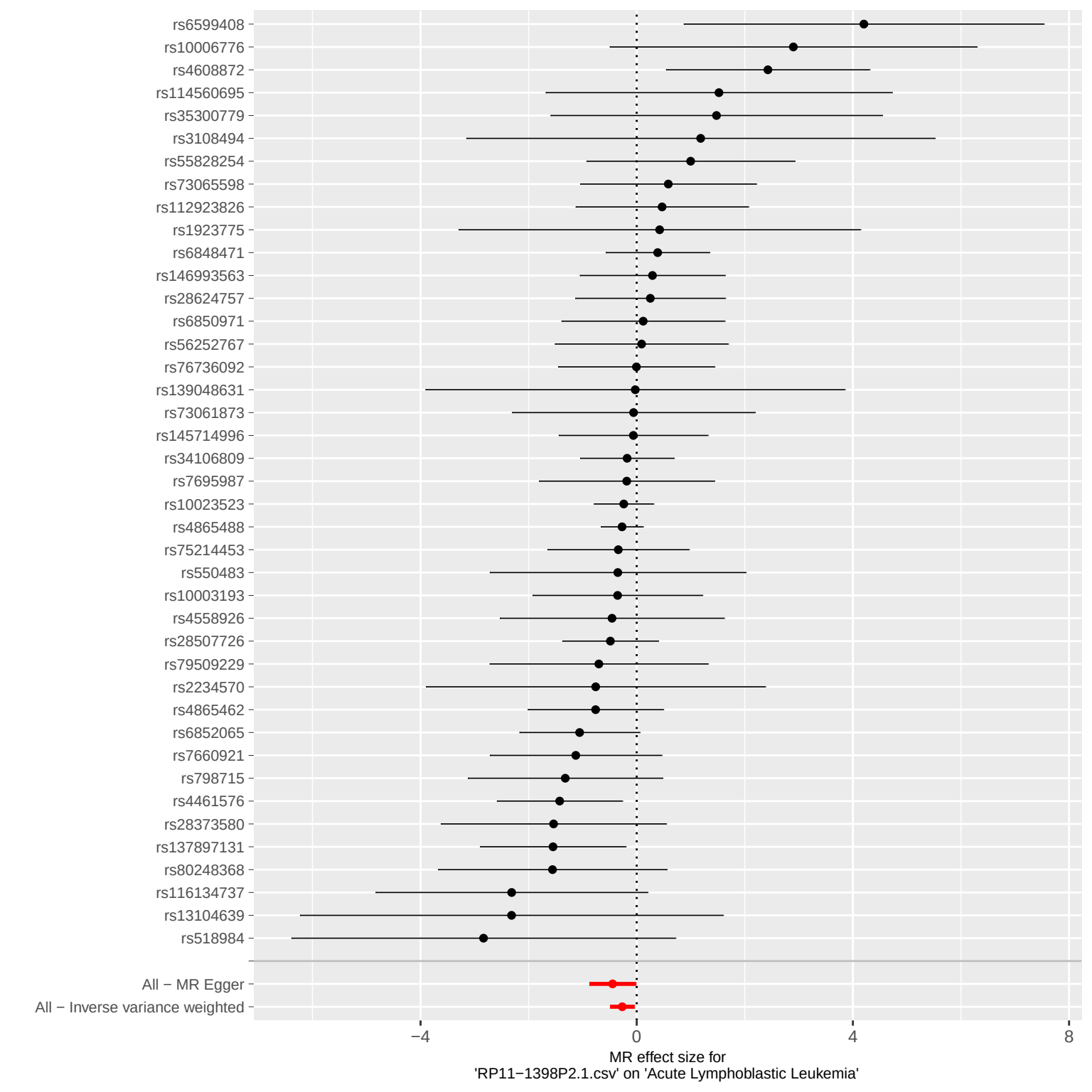
1
2
MR effect size for
'RP11−1365D11.1.csv' on 'Acute Lymphoblastic Leukemia'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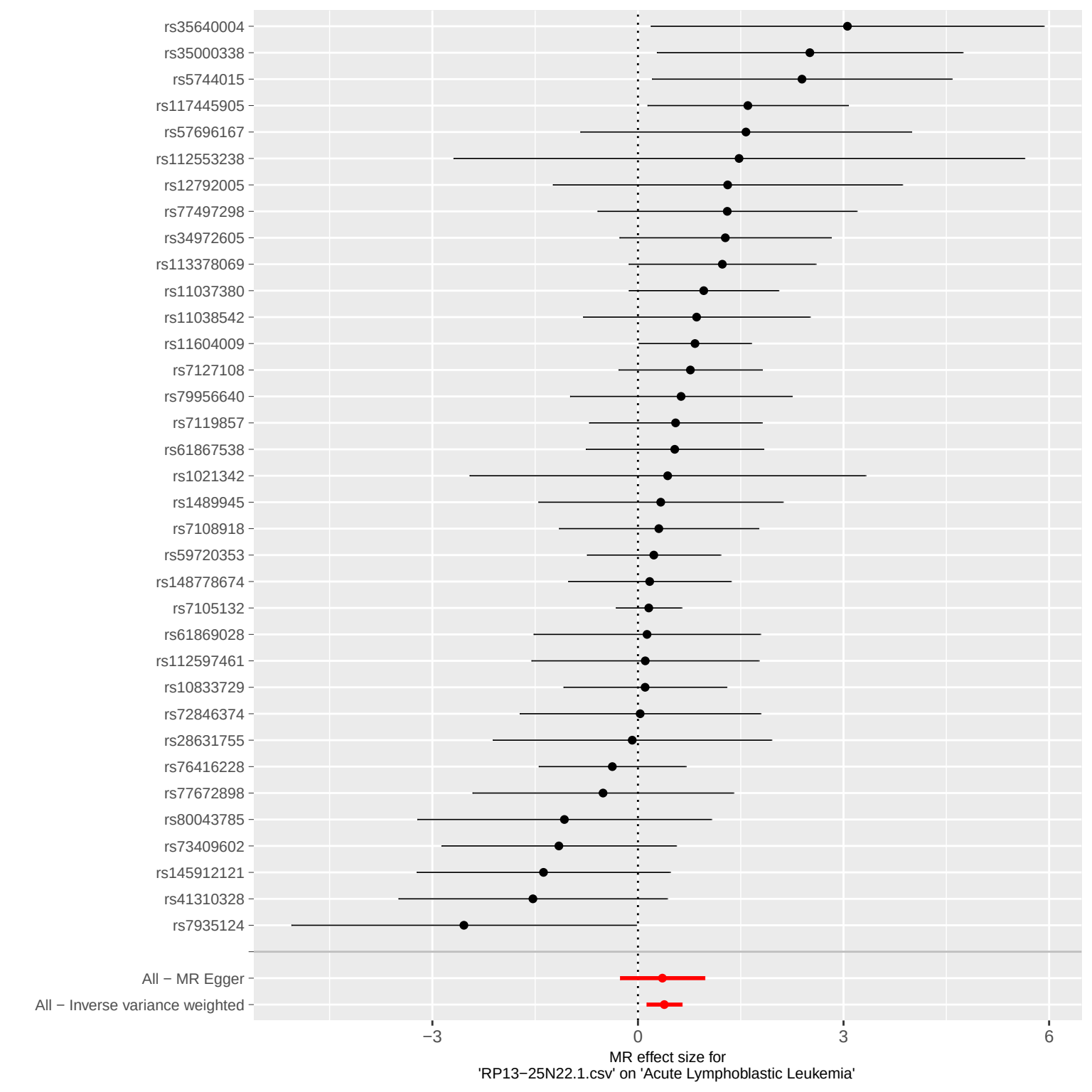
MR effect size for
'RP11−1398P2.1.csv' on 'Acute Lymphoblastic Leukemia'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rs28631755
rs76416228
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rs80043785
rs73409602
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All − MR Egger
All − Inverse variance weighted
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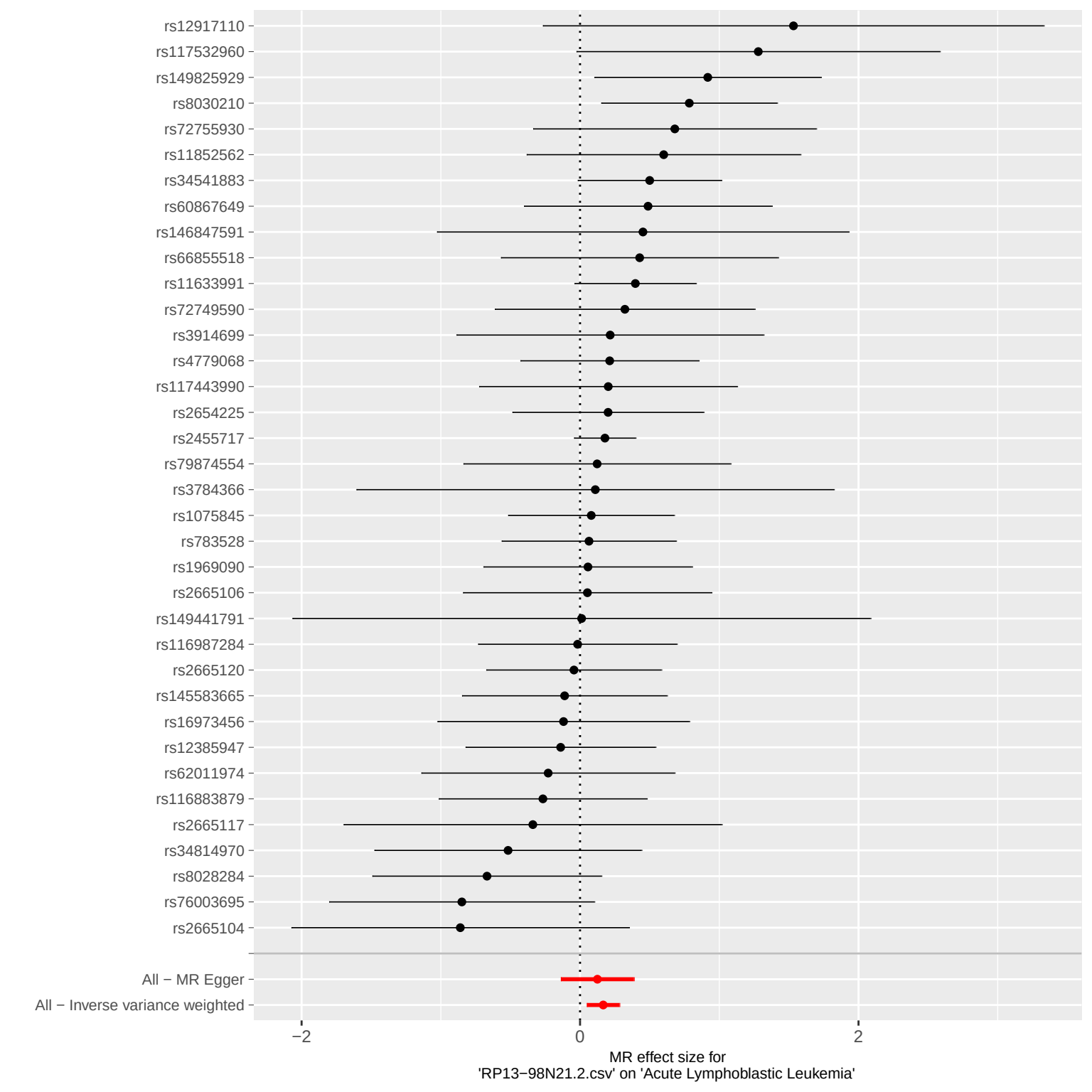
MR effect size for
'RP13−25N22.1.csv' on 'Acute Lymphoblastic Leukemia'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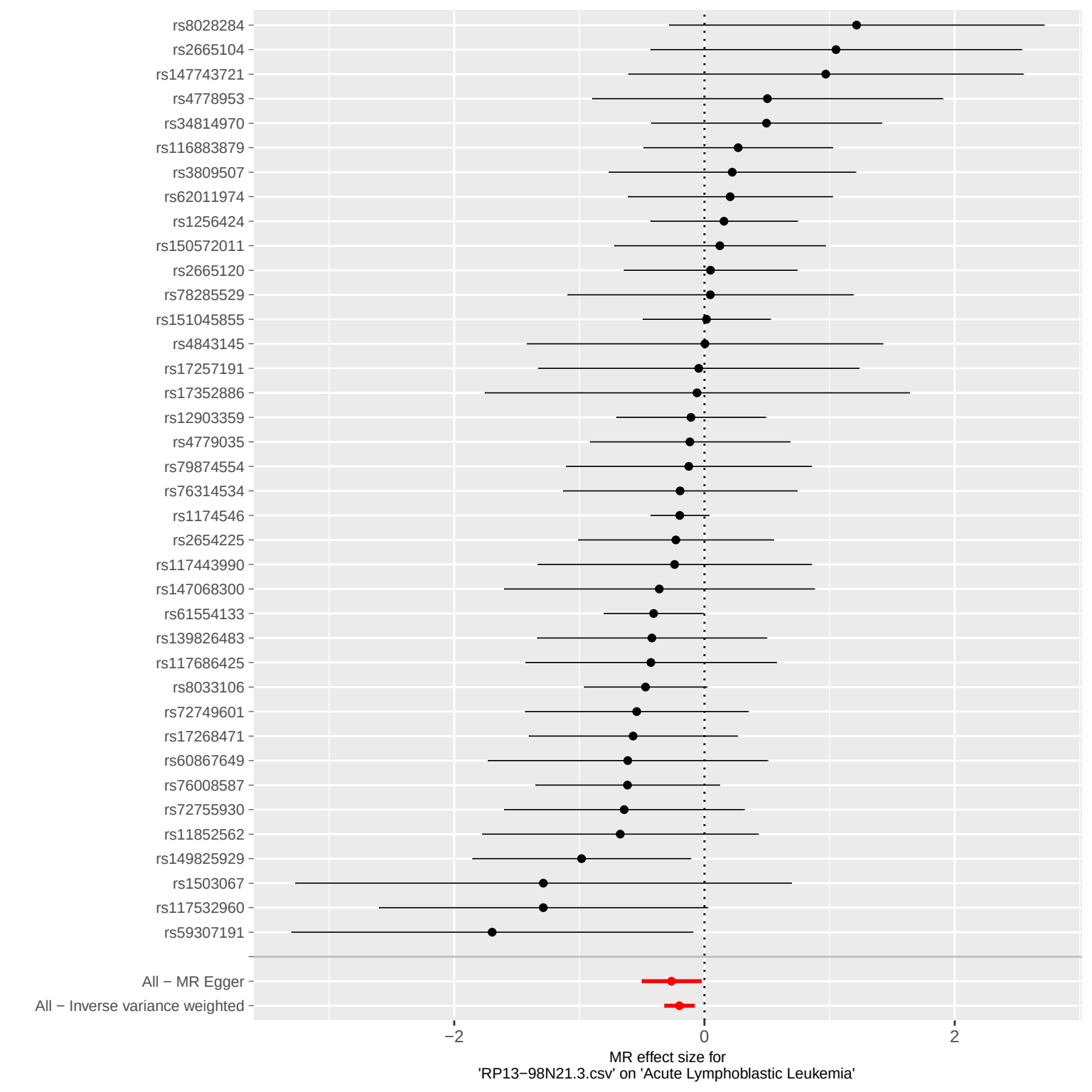
MR effect size for
'RP13−98N21.2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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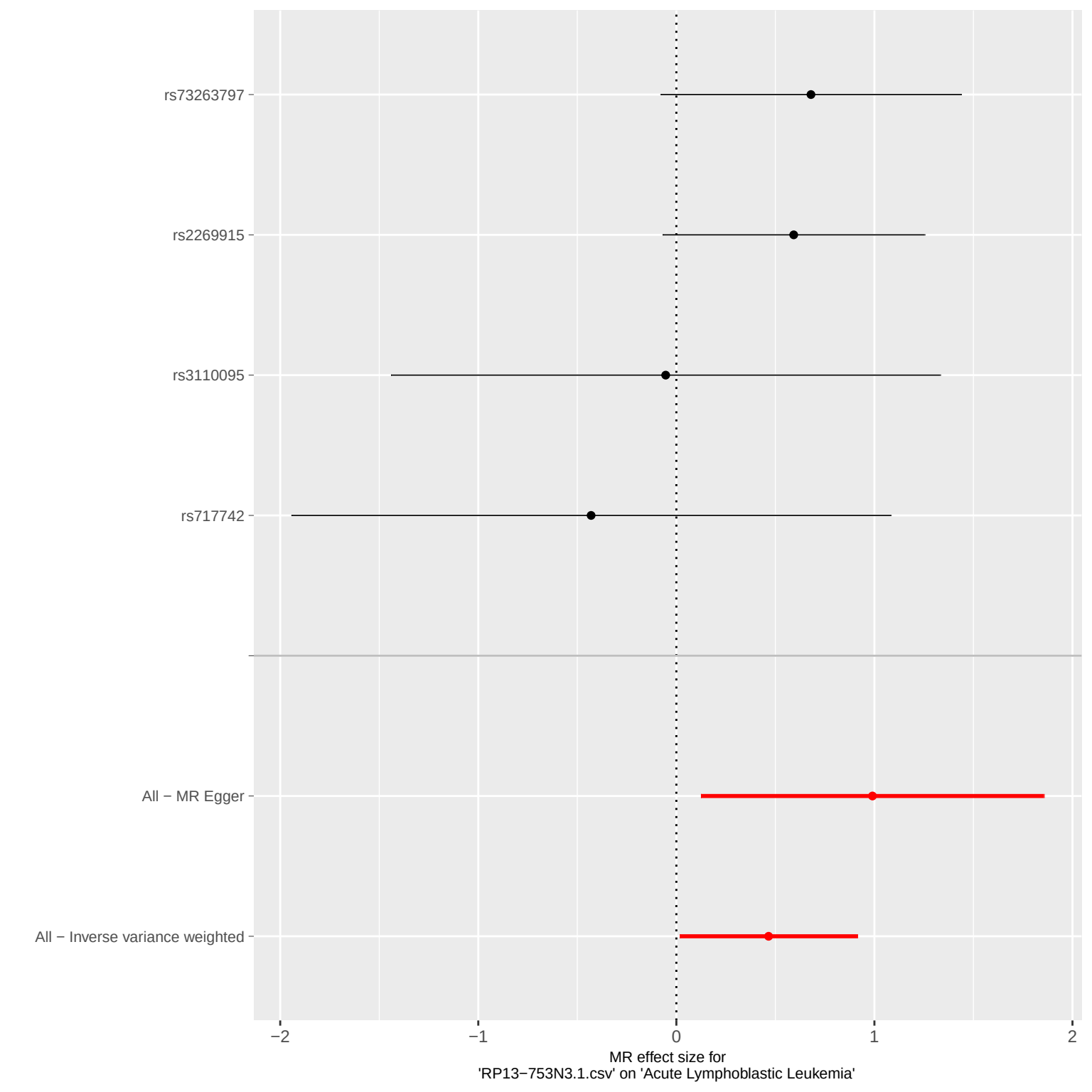
2
MR effect size for
'RP13−98N21.3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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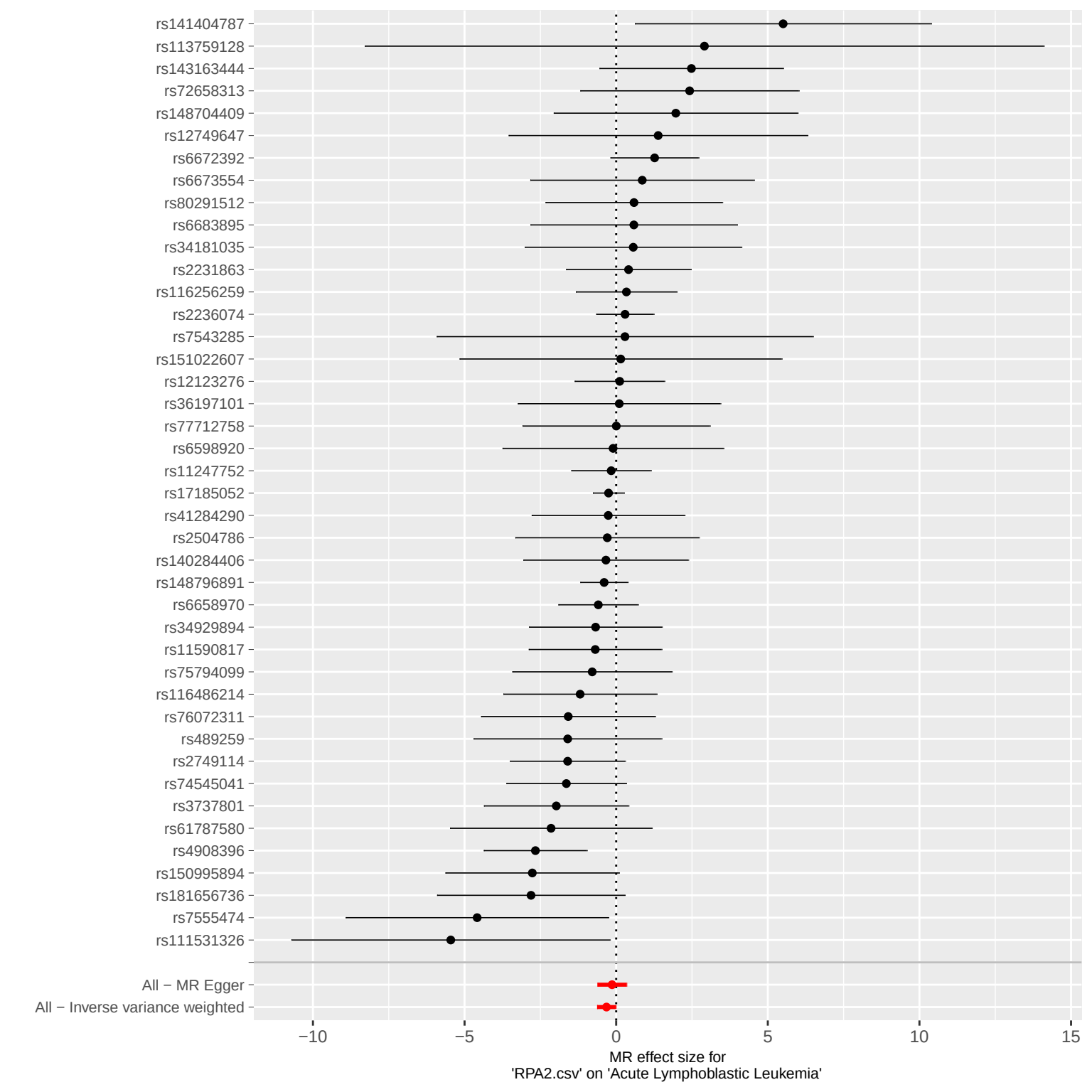
'RP13−753N3.1.csv' on 'Acute Lymphoblastic Leukemia'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10
15
MR effect size for
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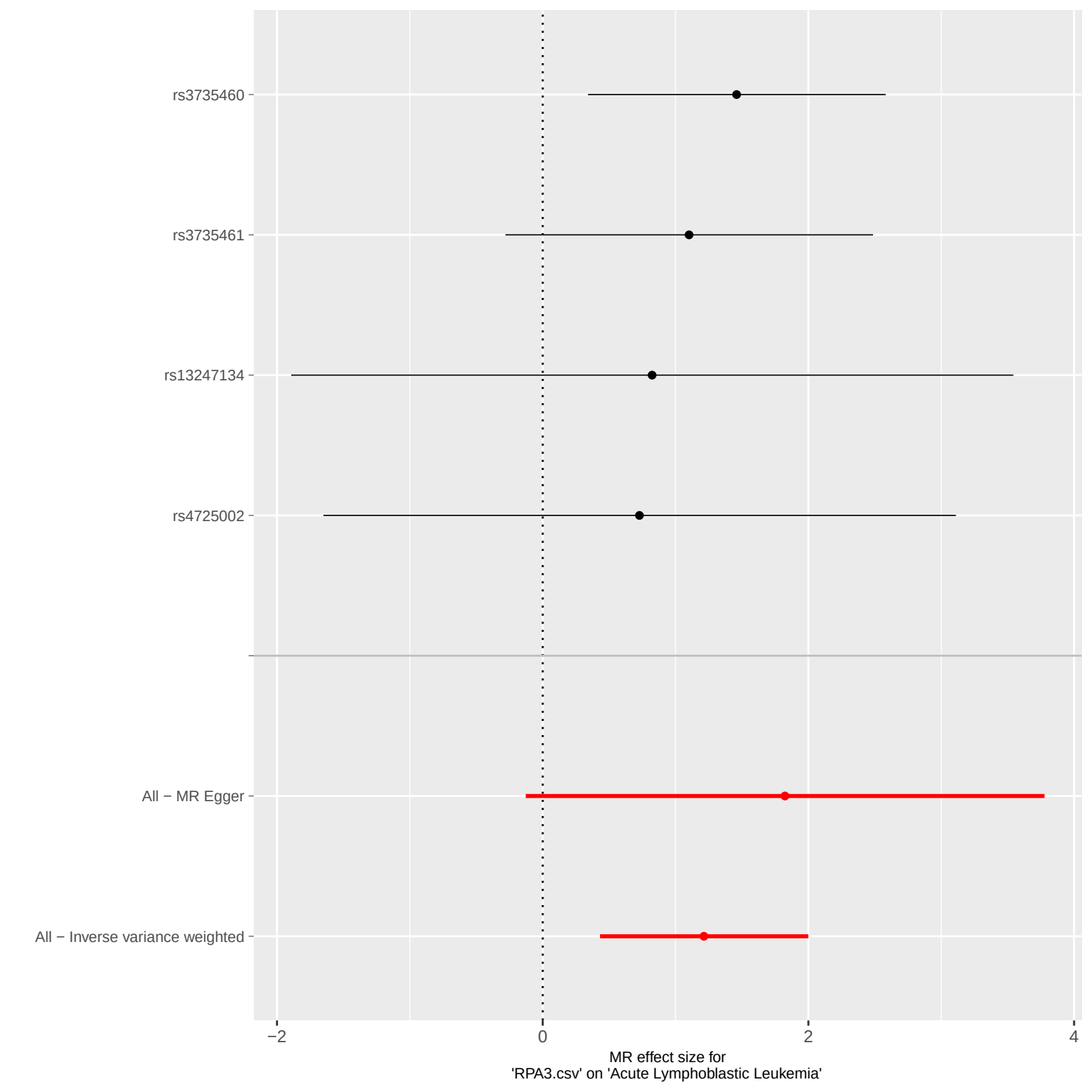
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All − Inverse variance weighted
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MR effect size for
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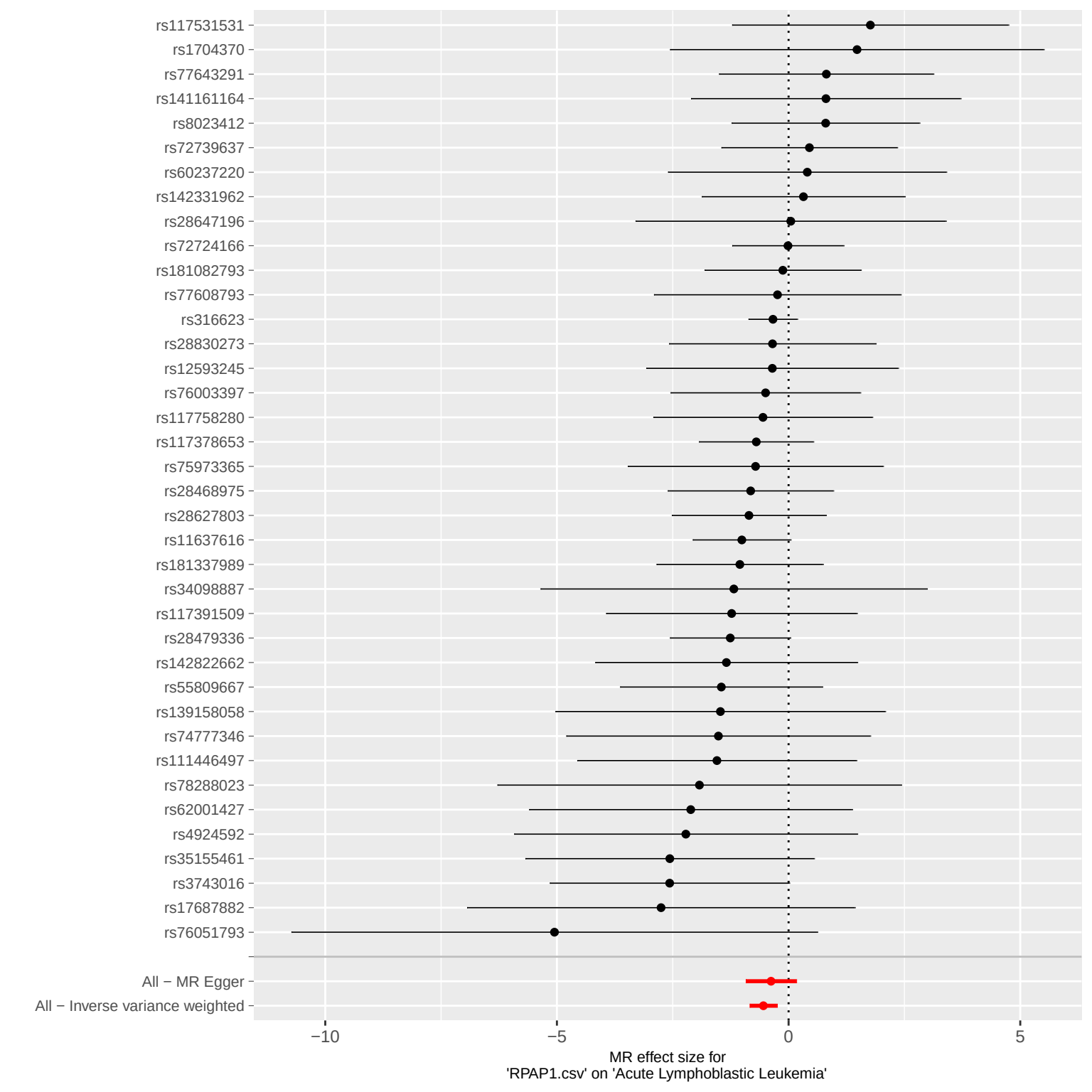
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rs3743016
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All − Inverse variance weighted
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−5
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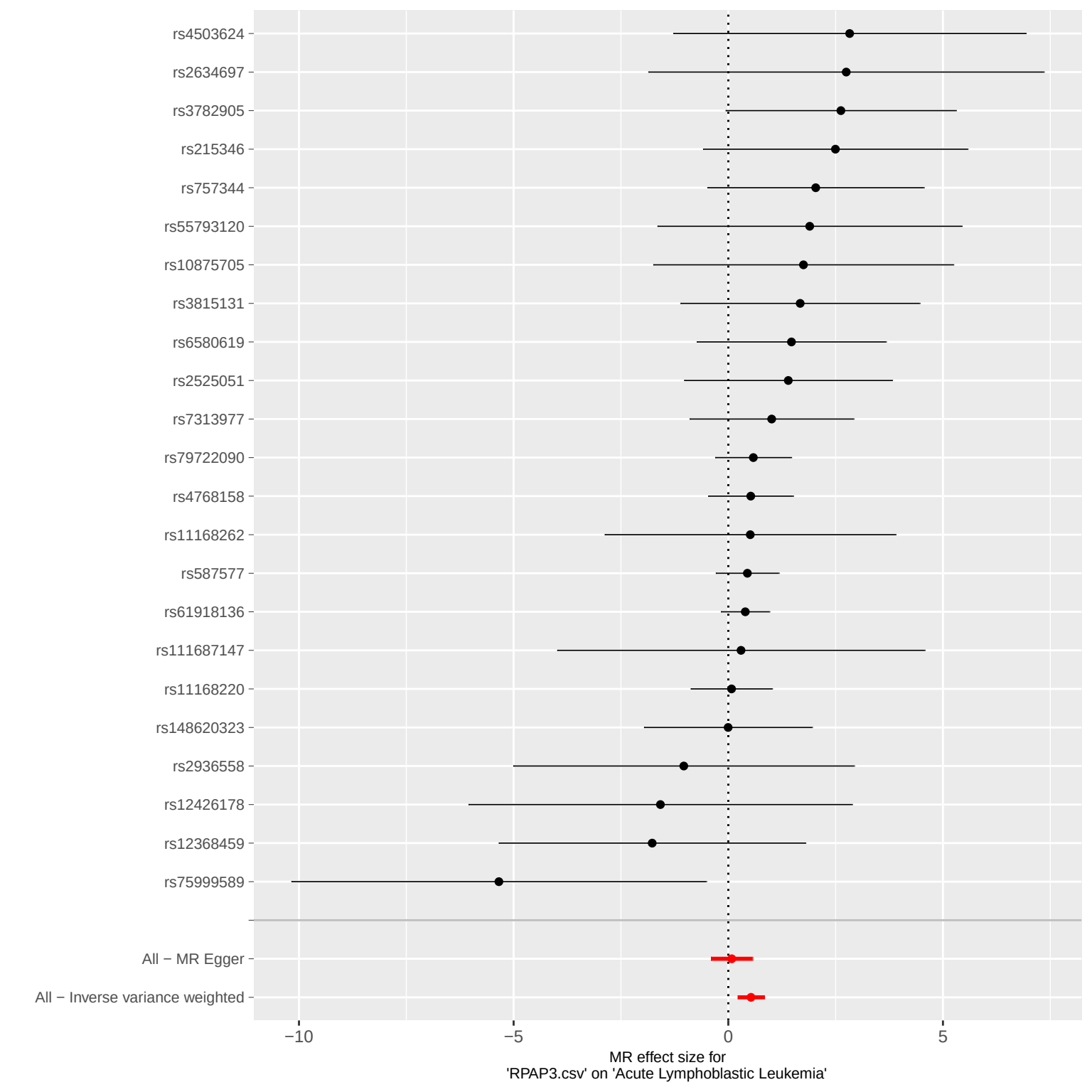
MR effect size for
'RPAP1.csv' on 'Acute Lymphoblastic Leukemia'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rs11168220
rs148620323
rs2936558
rs12426178
rs12368459
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All − MR Egger
All − Inverse variance weighted
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−5
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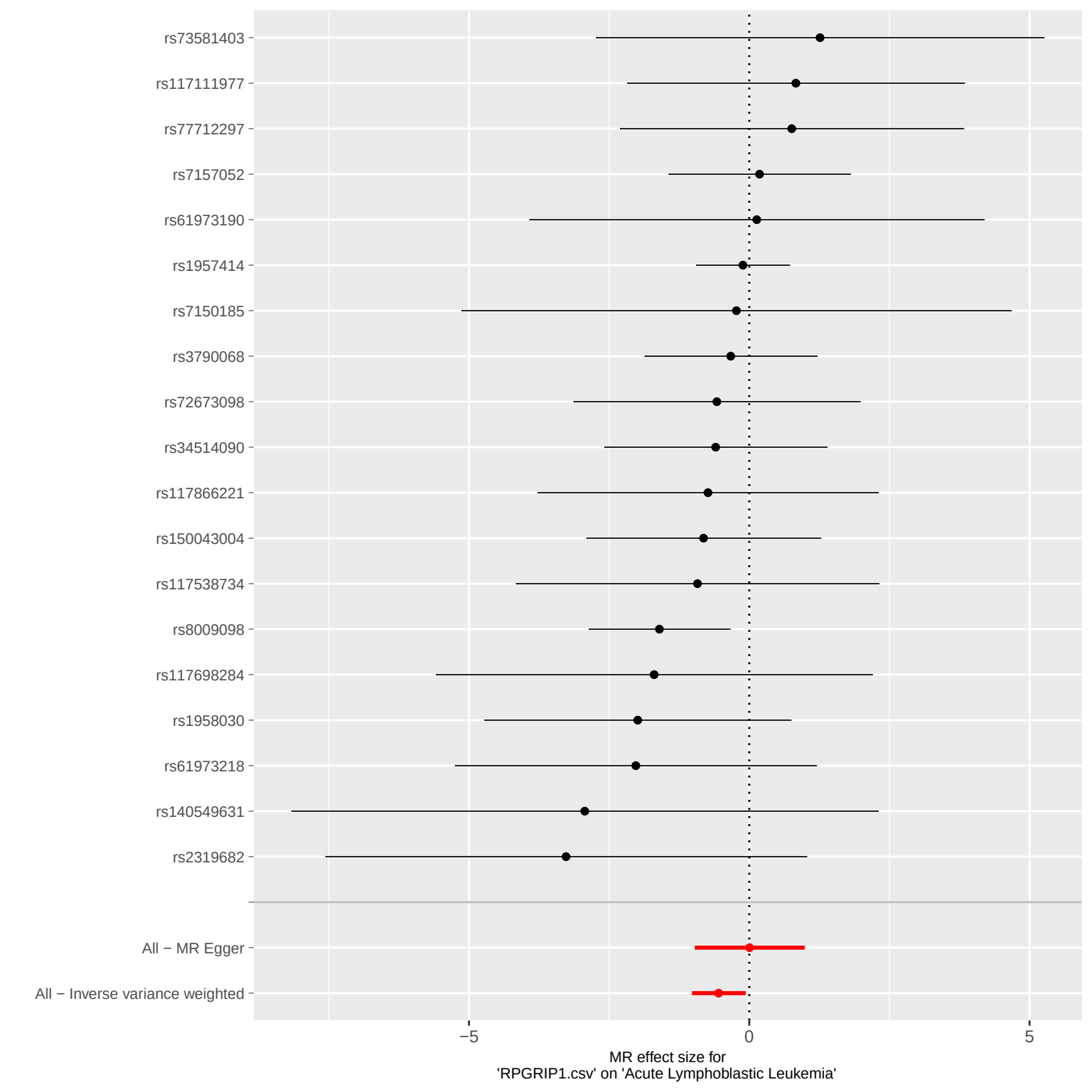
MR effect size for
'RPAP3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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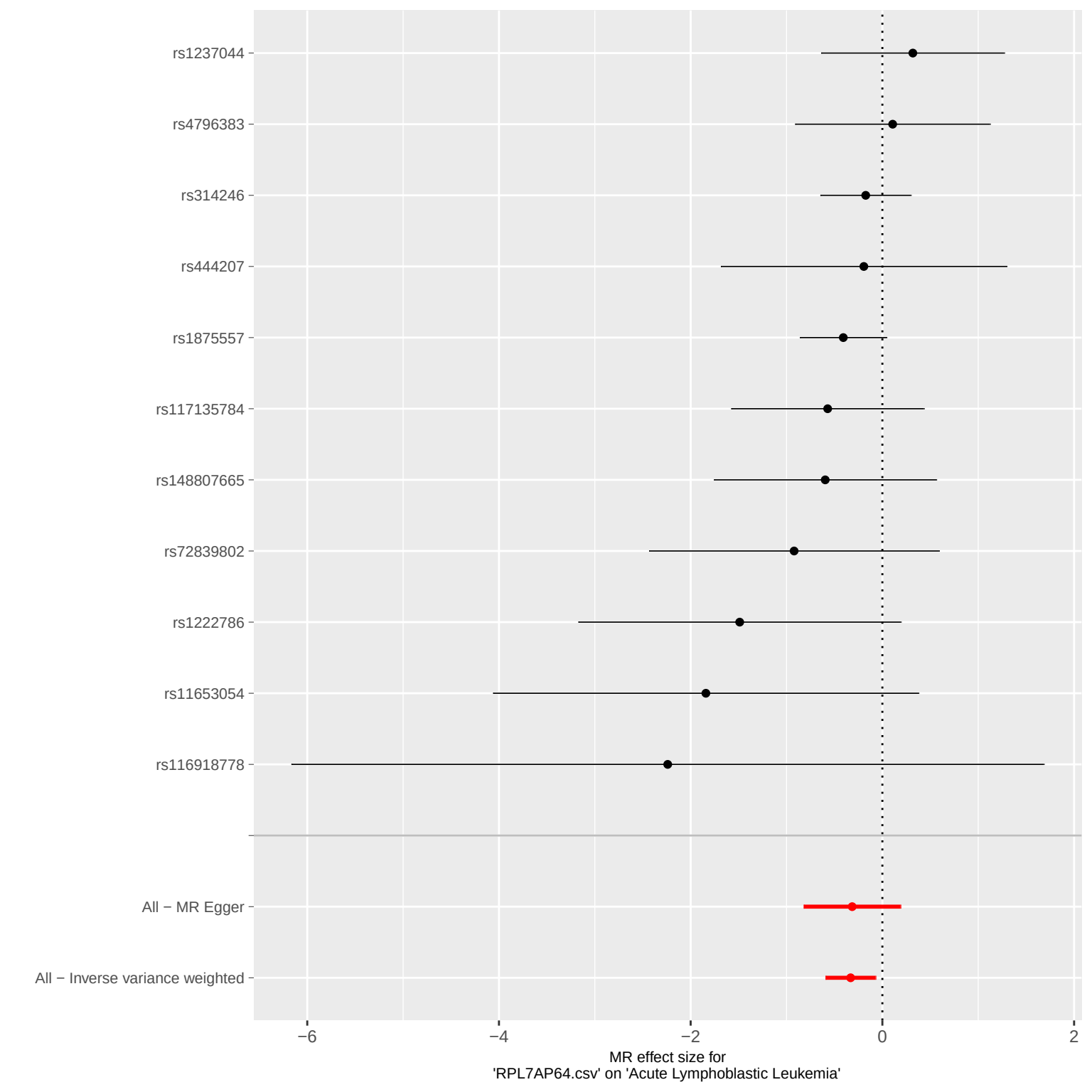
MR effect size for
'RPGRIP1.csv' on 'Acute Lymphoblastic Leukemia'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rs116918778
All − MR Egger
All − Inverse variance weighted
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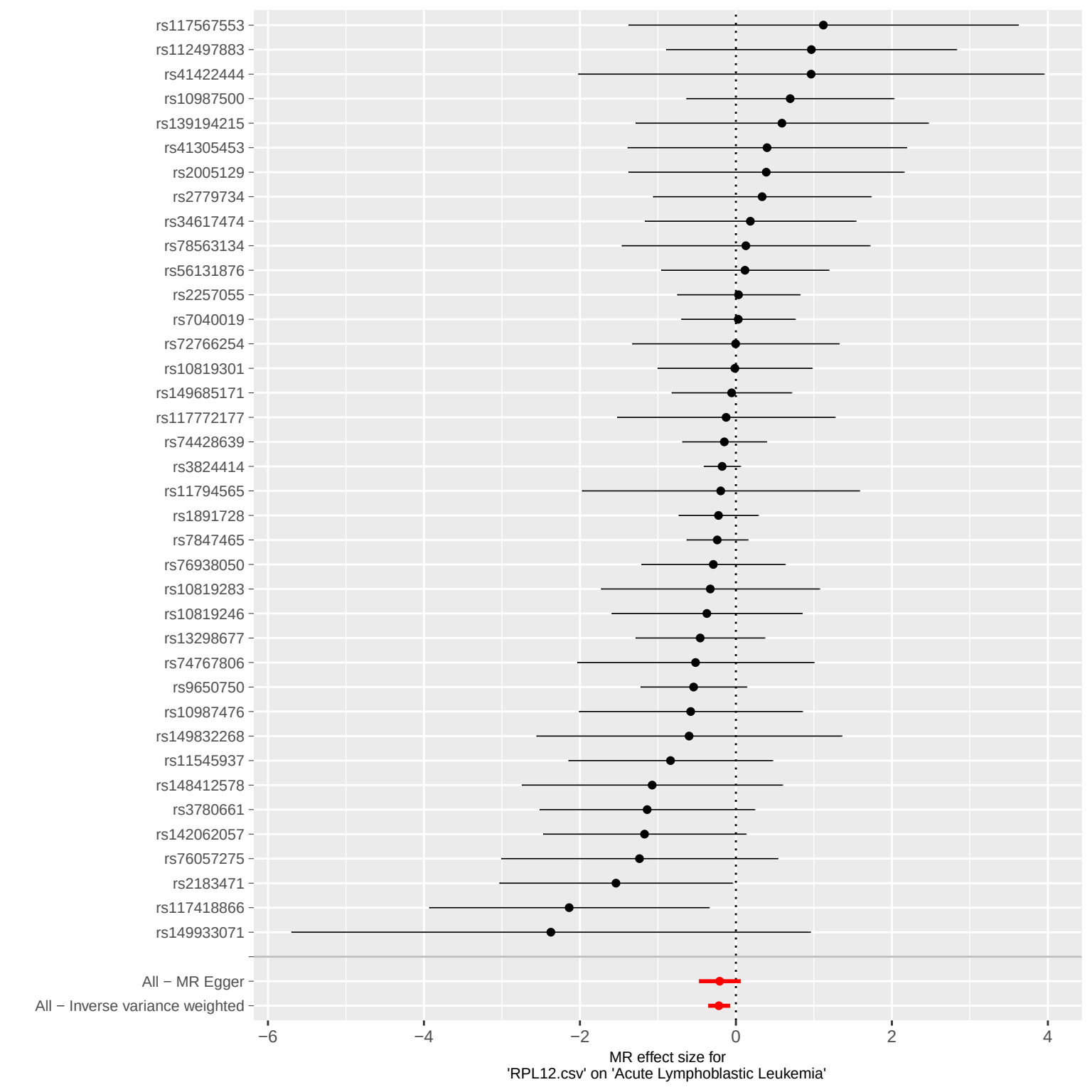
−4
−2
0
2
MR effect size for
'RPL7AP64.csv' on 'Acute Lymphoblastic Leukemia'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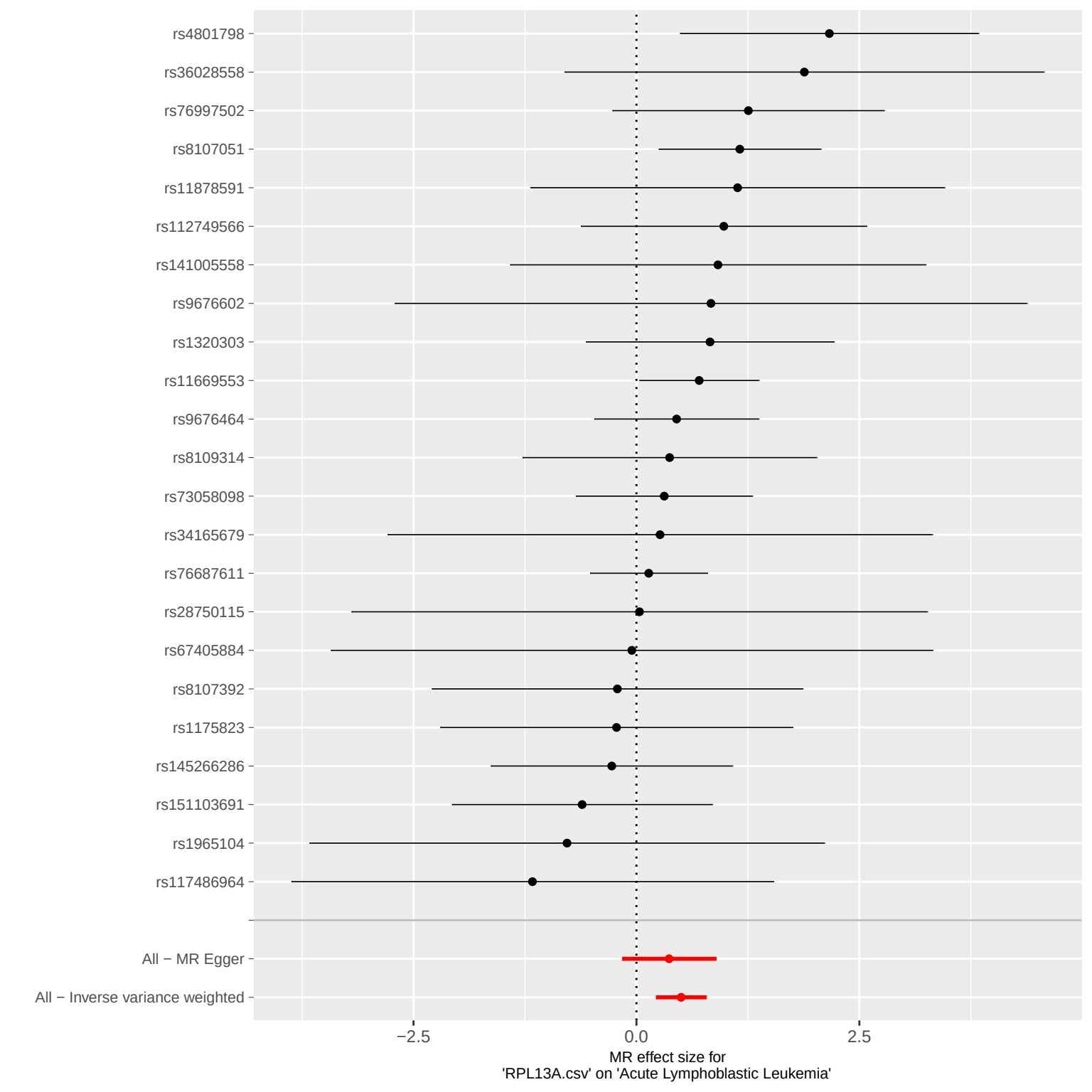
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'RPL12.csv' on 'Acute Lymphoblastic Leukemia'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rs34165679
rs76687611
rs28750115
rs67405884
rs8107392
rs1175823
rs145266286
rs151103691
rs1965104
rs117486964
All − MR Egger
All − Inverse variance weighted
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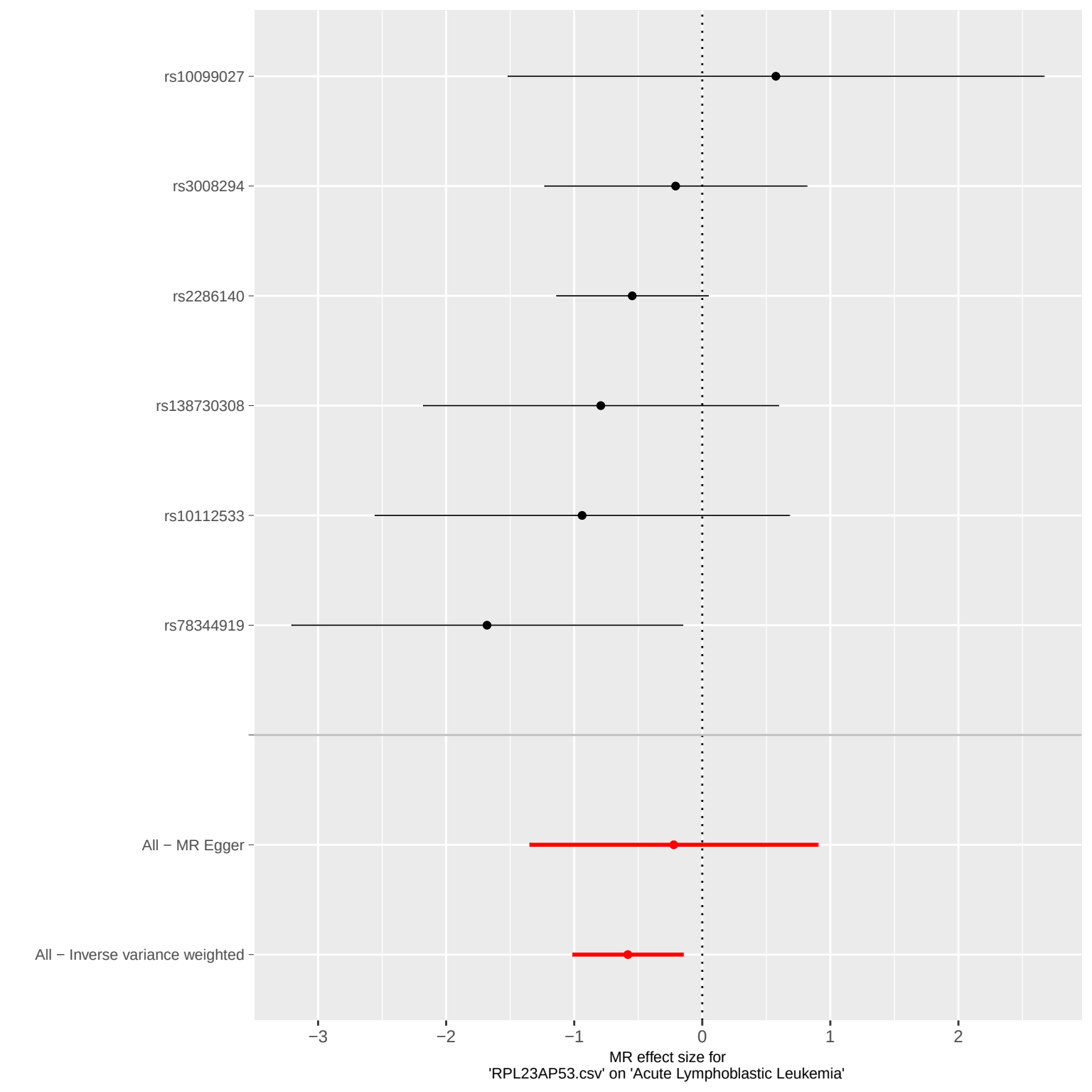
0.0
2.5
MR effect size for
'RPL13A.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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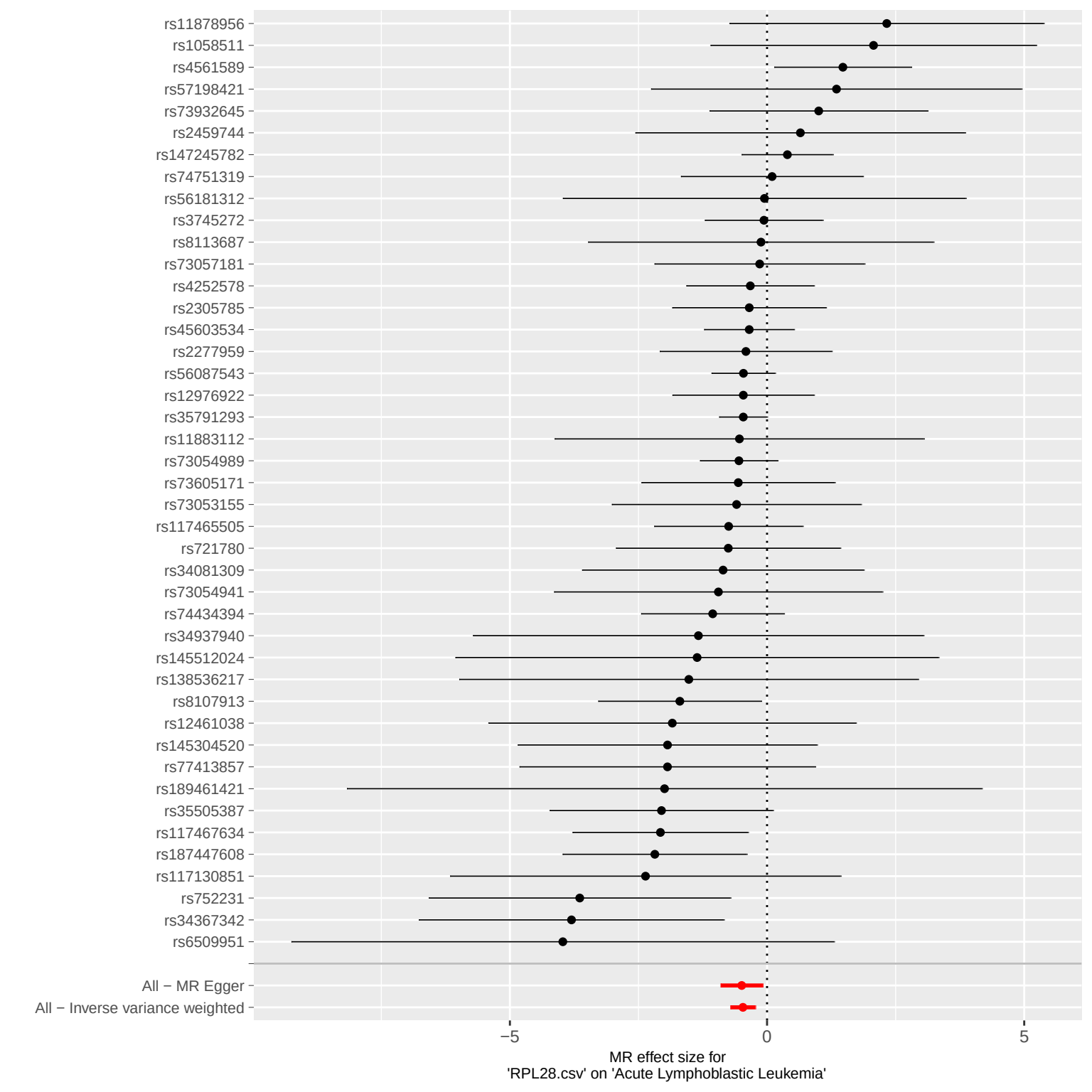
−1
0
1
2
MR effect size for
'RPL23AP53.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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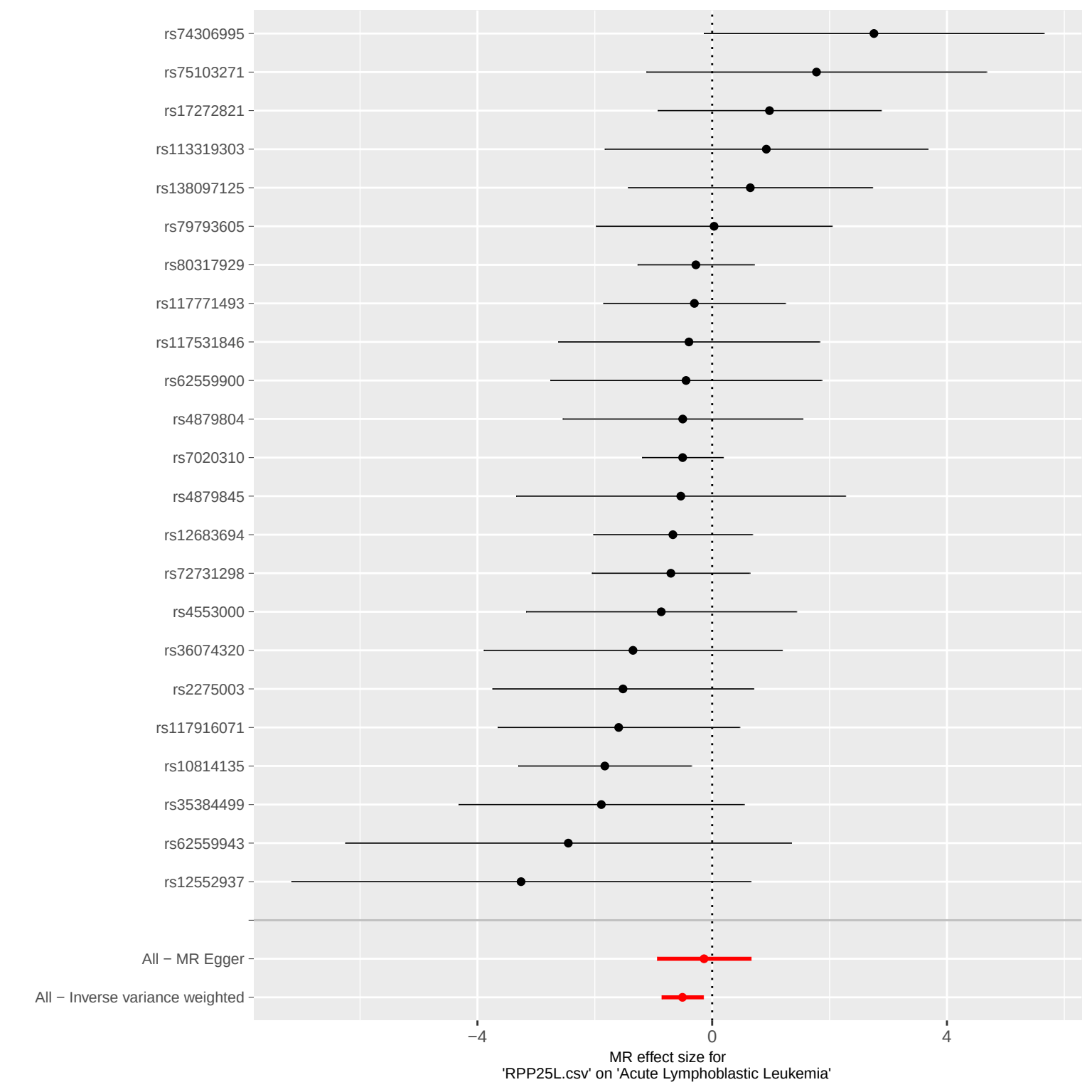
MR effect size for
'RPL28.csv' on 'Acute Lymphoblastic Leukemia'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rs62559943
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All − Inverse variance weighted
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MR effect size for
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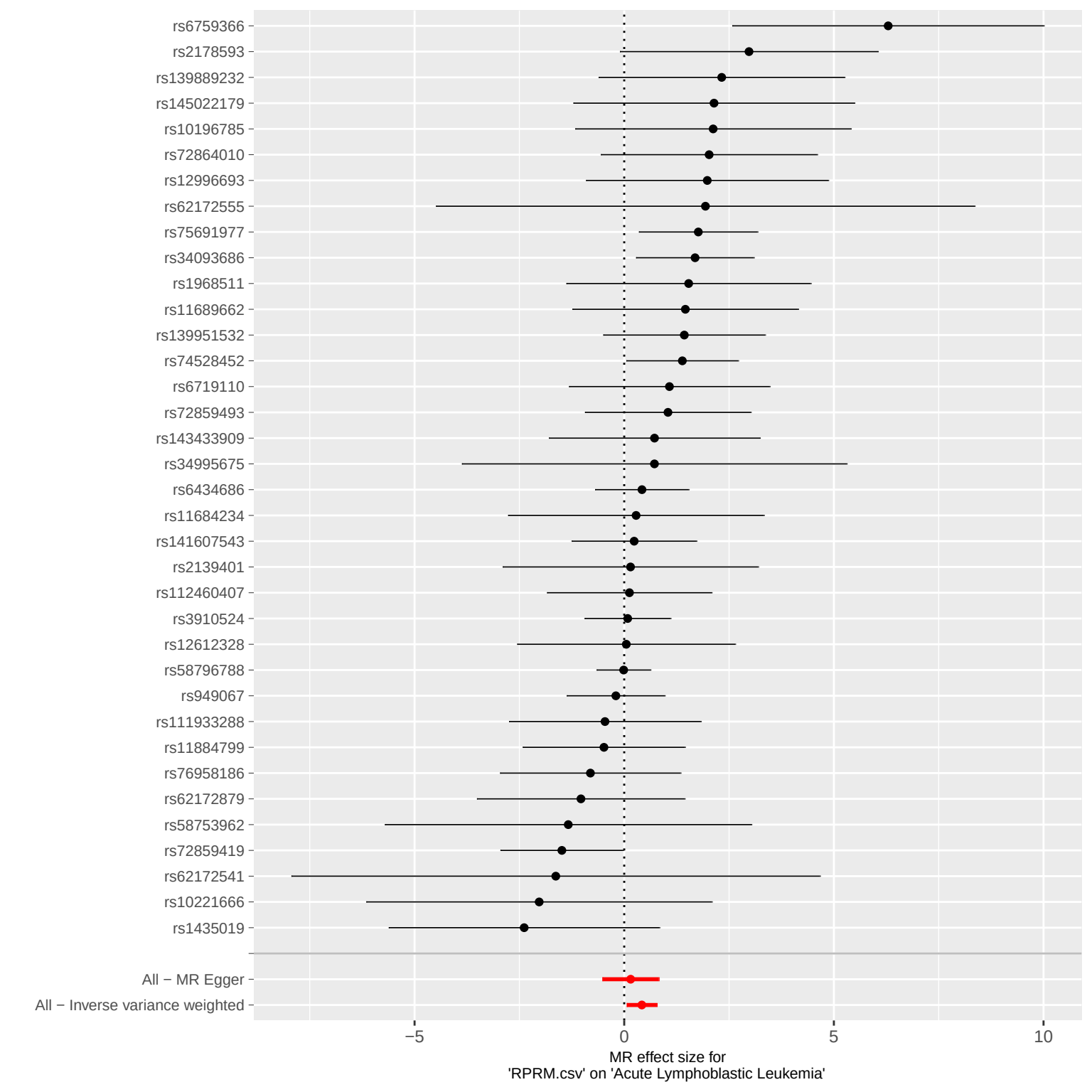
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All − Inverse variance weighted
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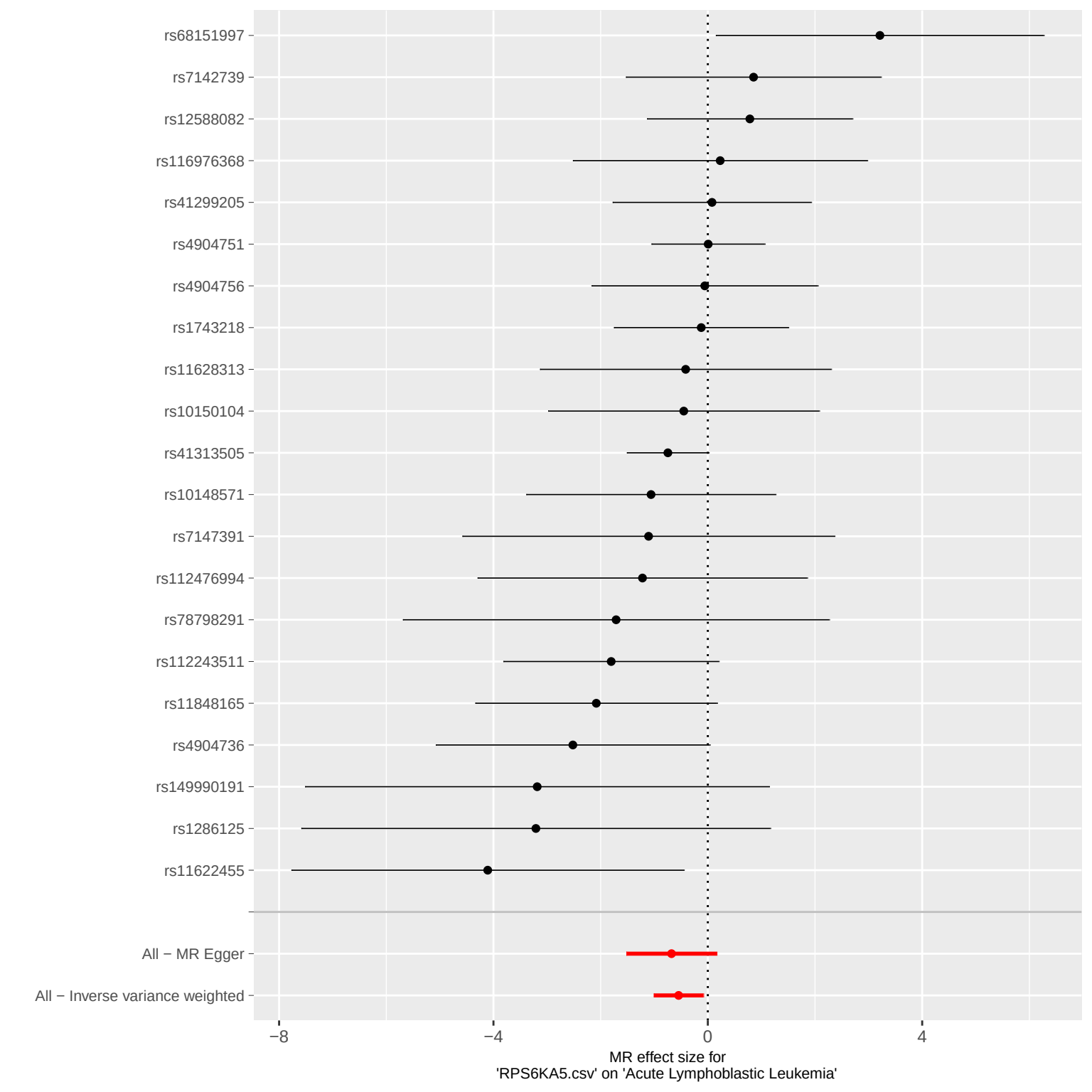
MR effect size for
'RPRM.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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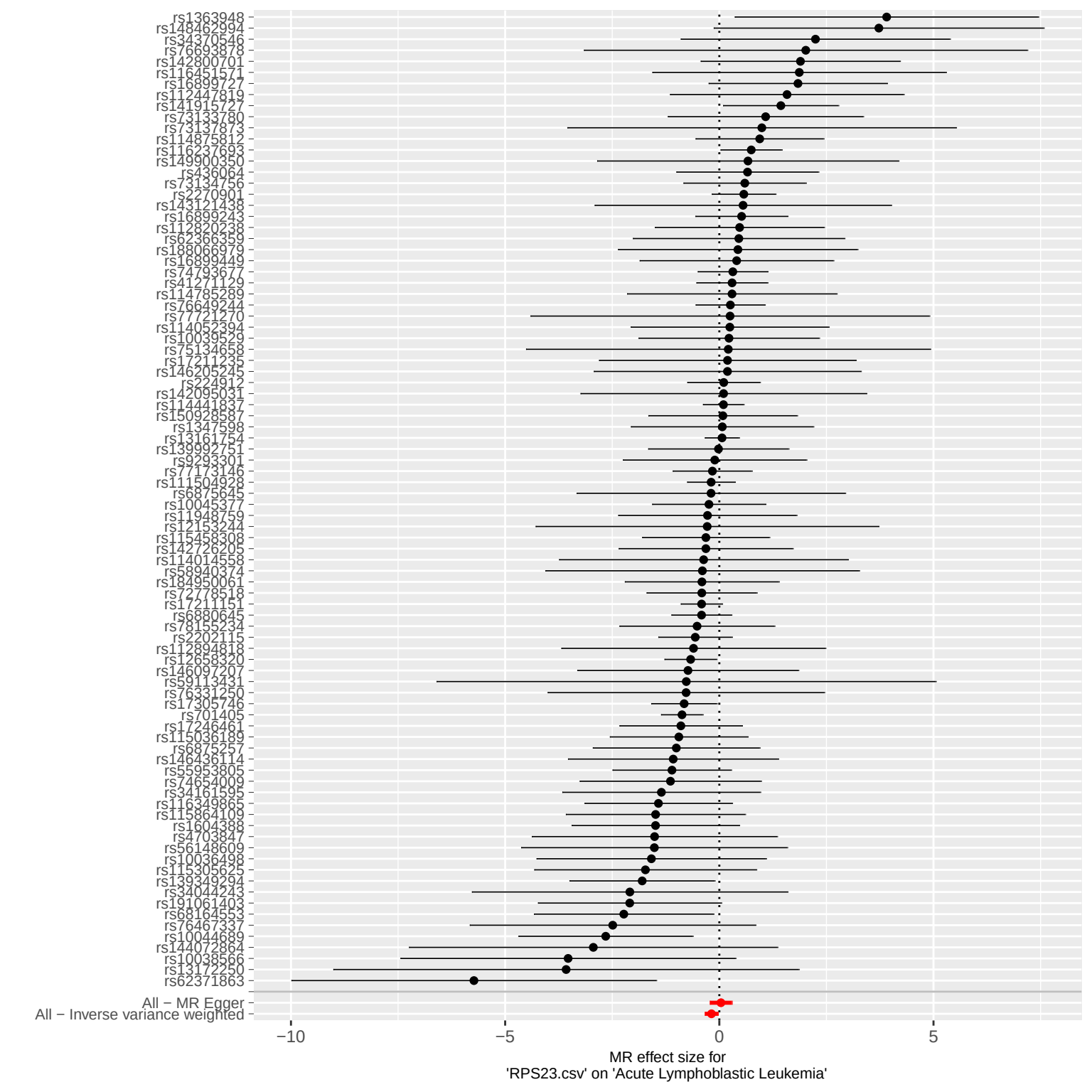
MR effect size for
'RPS6KA5.csv' on 'Acute Lymphoblastic Leukemia'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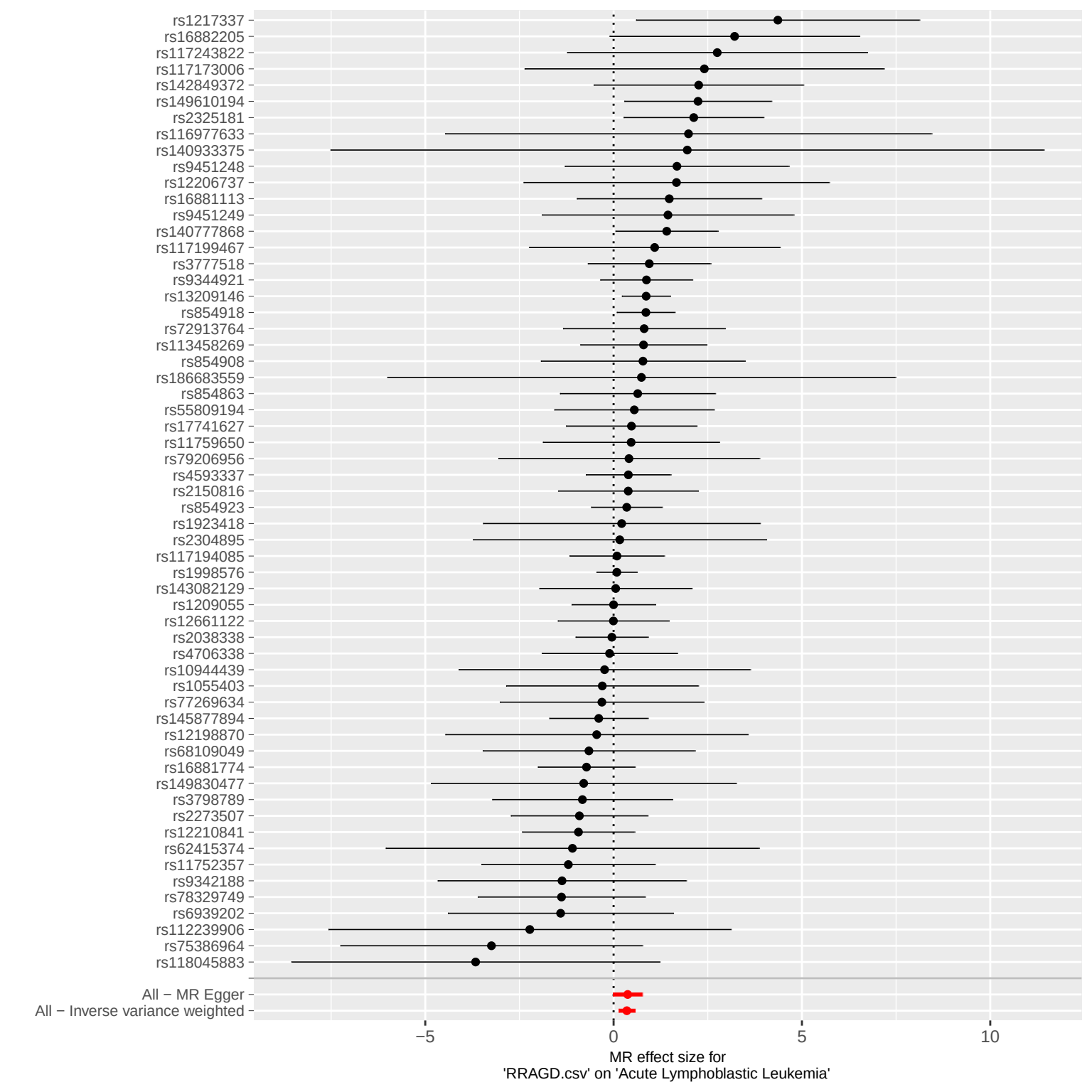
MR effect size for
'RPS23.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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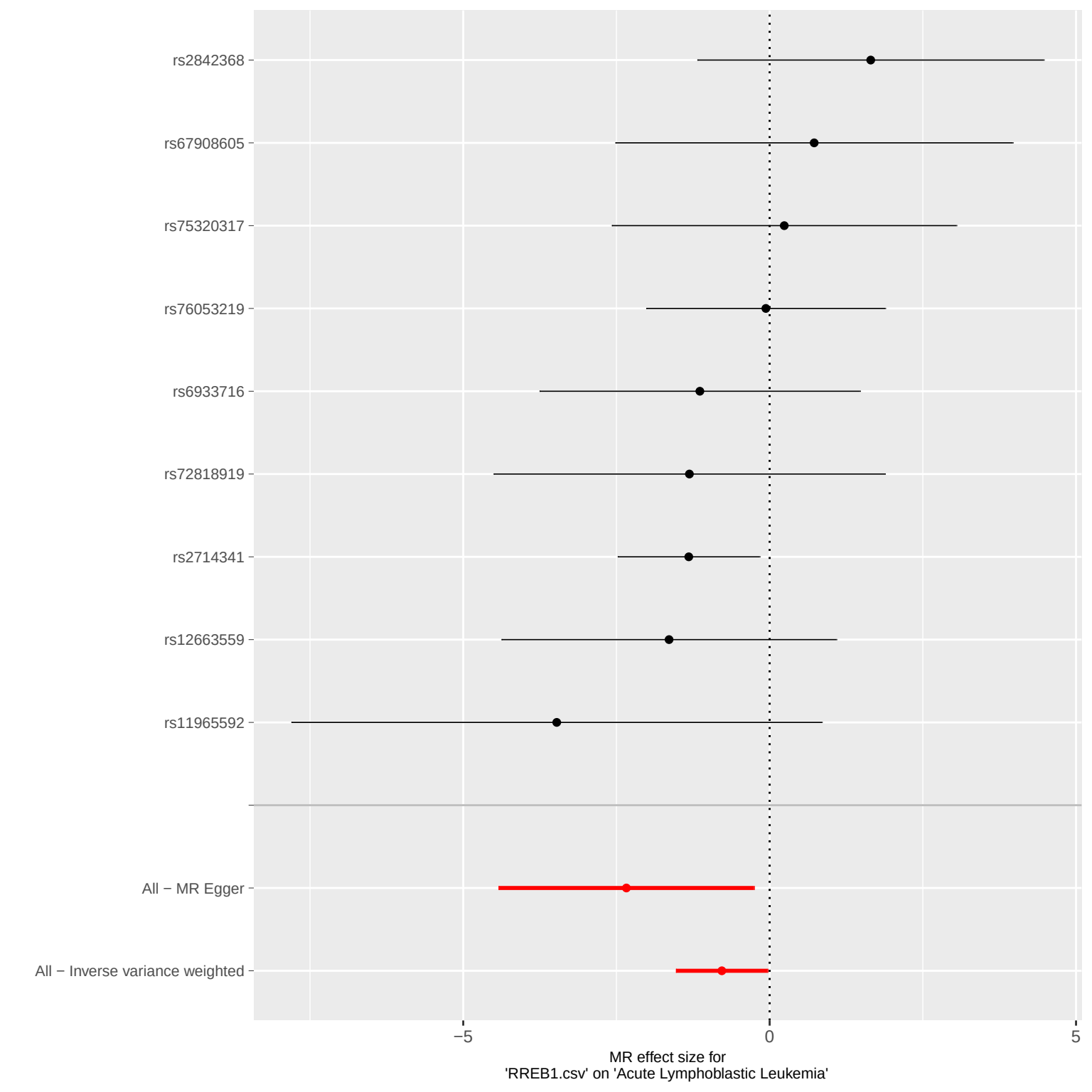
MR effect size for
'RRAGD.csv' on 'Acute Lymphoblastic Leukemia'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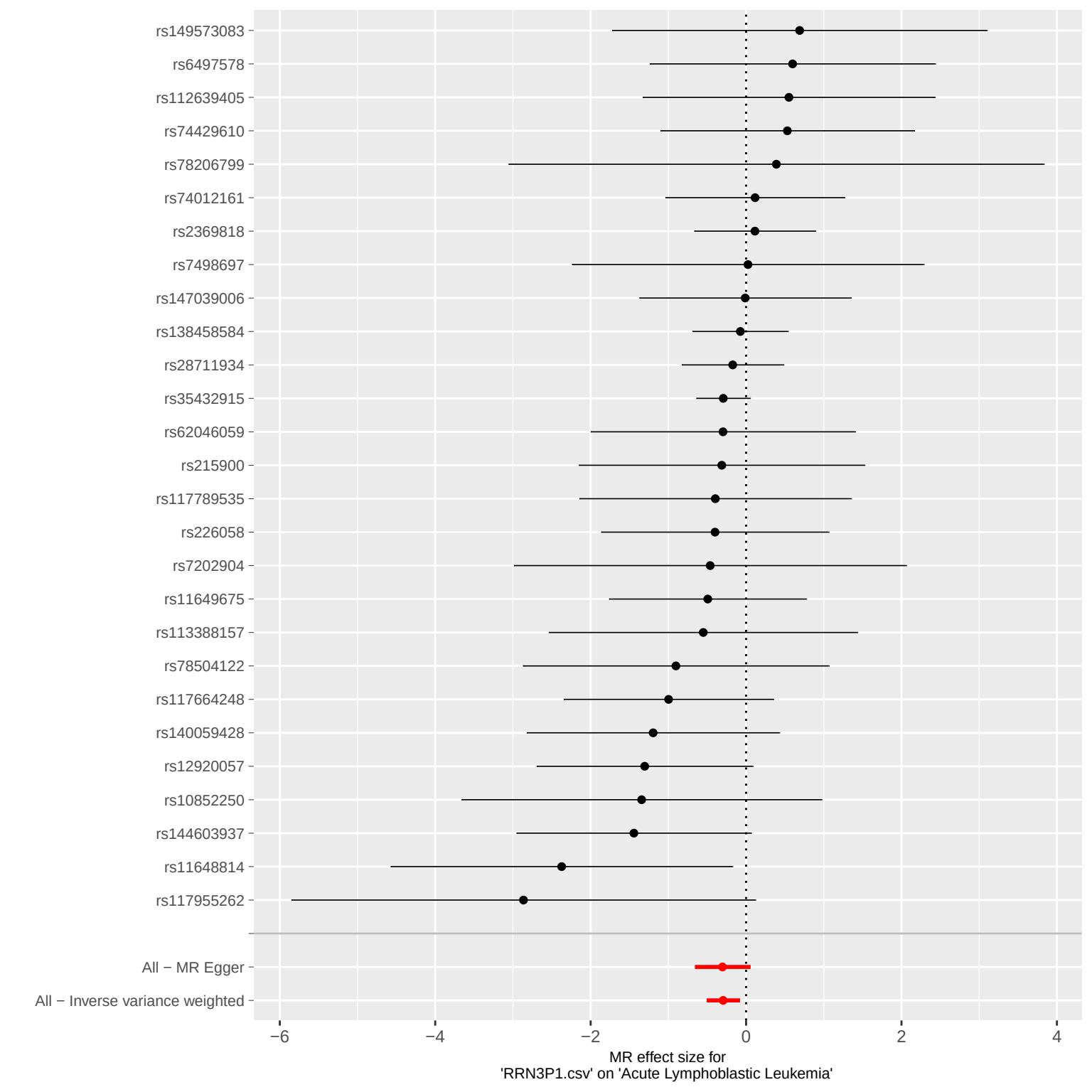
MR effect size for
'RREB1.csv' on 'Acute Lymphoblastic Leukemia'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rs10852250
rs144603937
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All − Inverse variance weighted
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−4
−2
0
2
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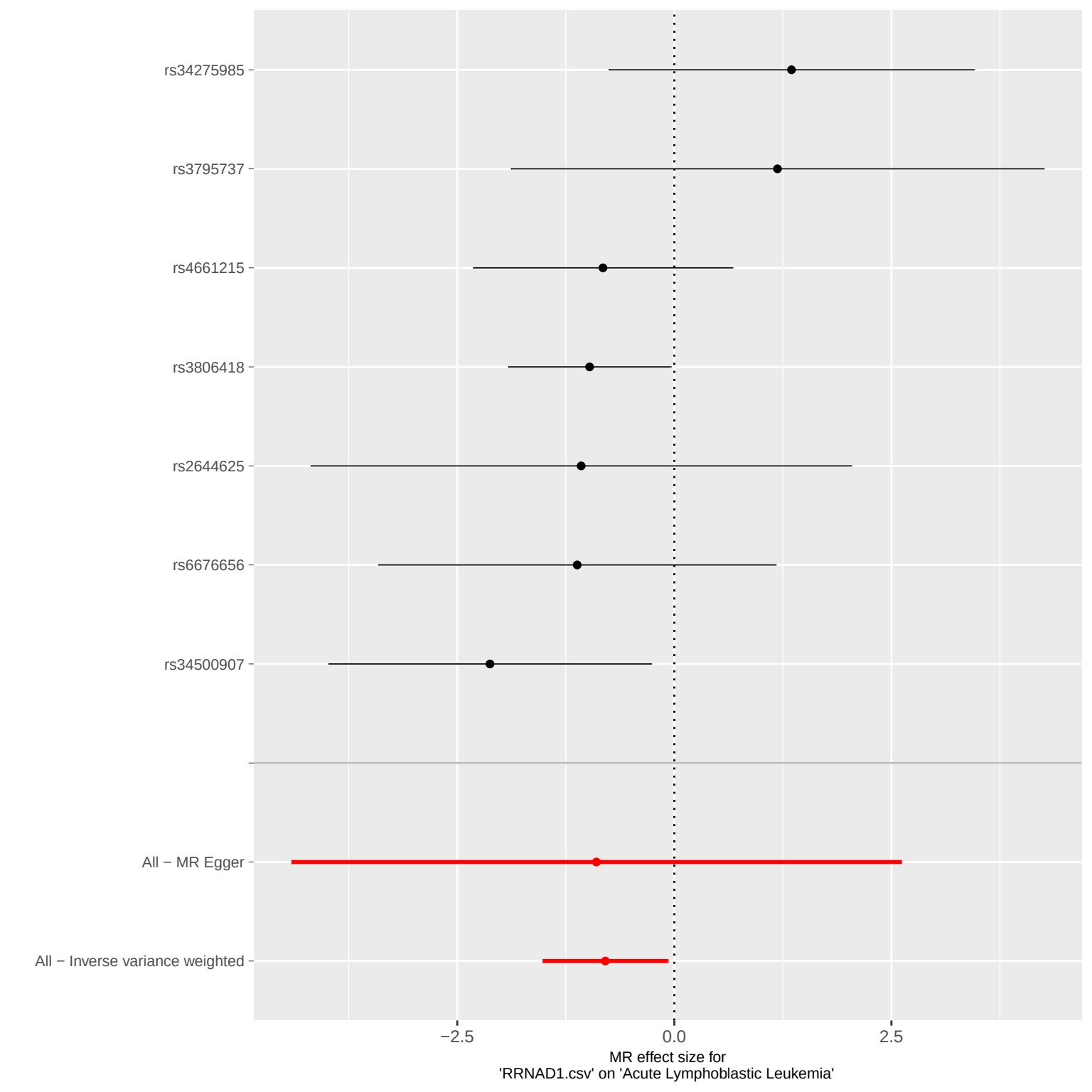
MR effect size for
'RRN3P1.csv' on 'Acute Lymphoblastic Leukemia'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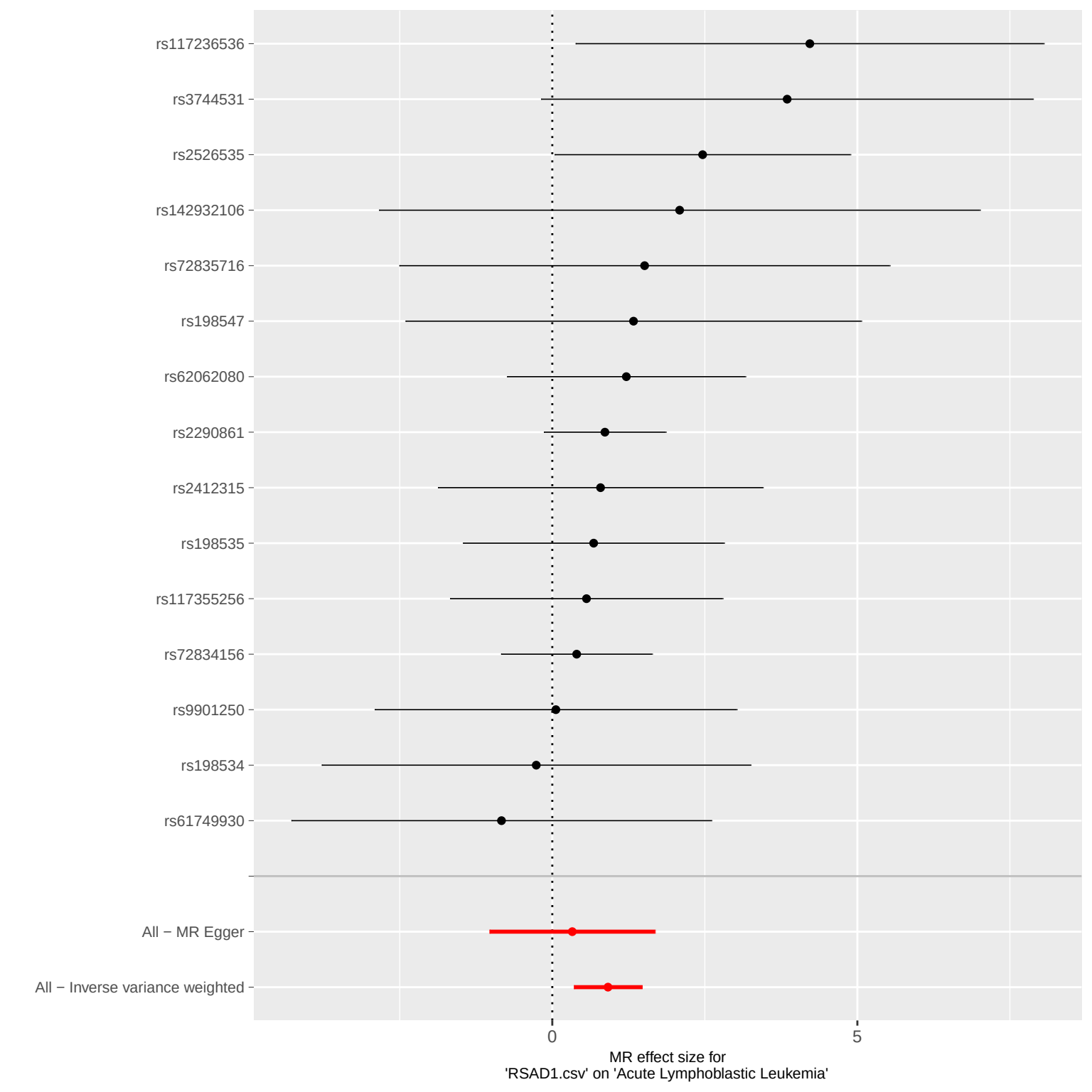
MR effect size for
'RRNAD1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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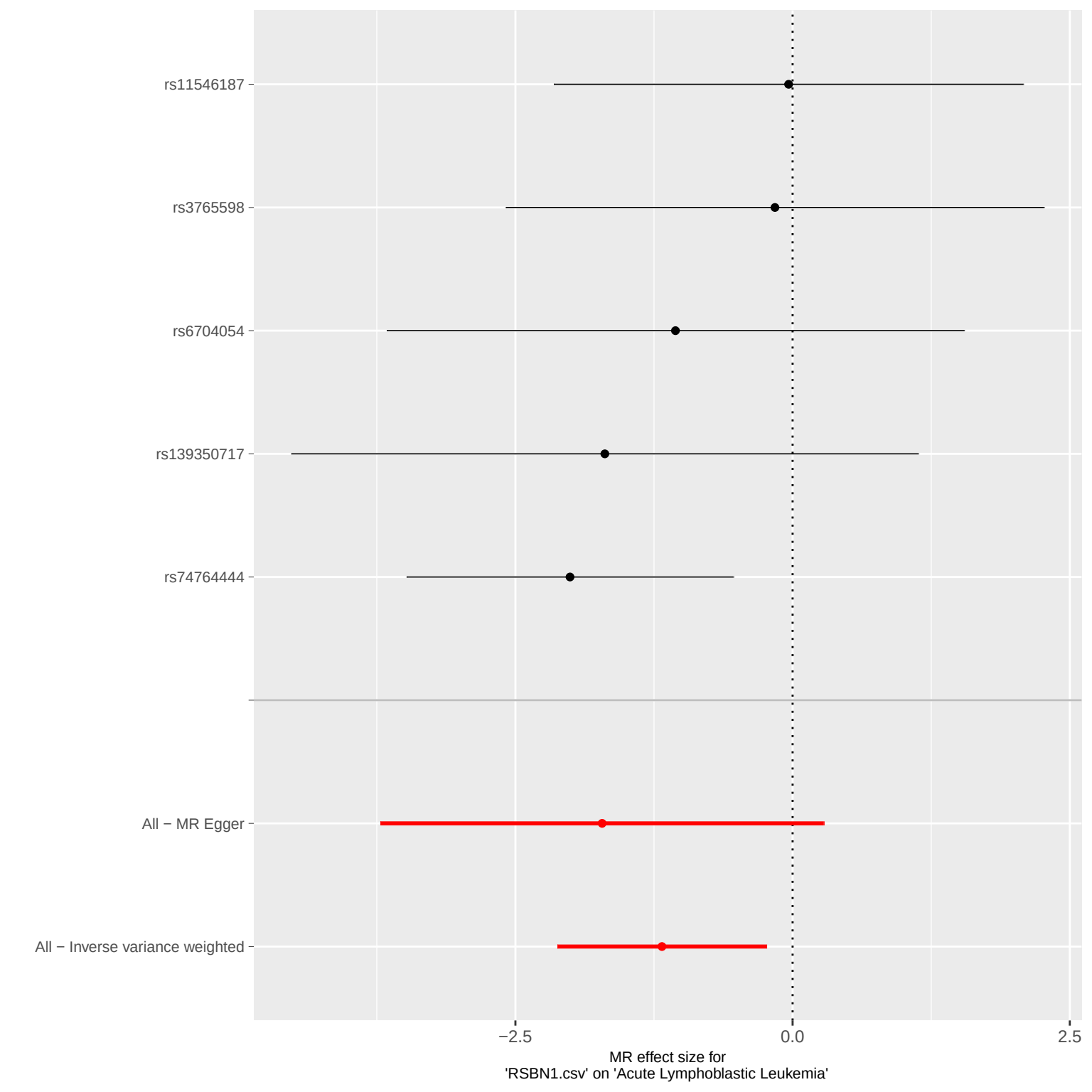
MR effect size for
'RSAD1.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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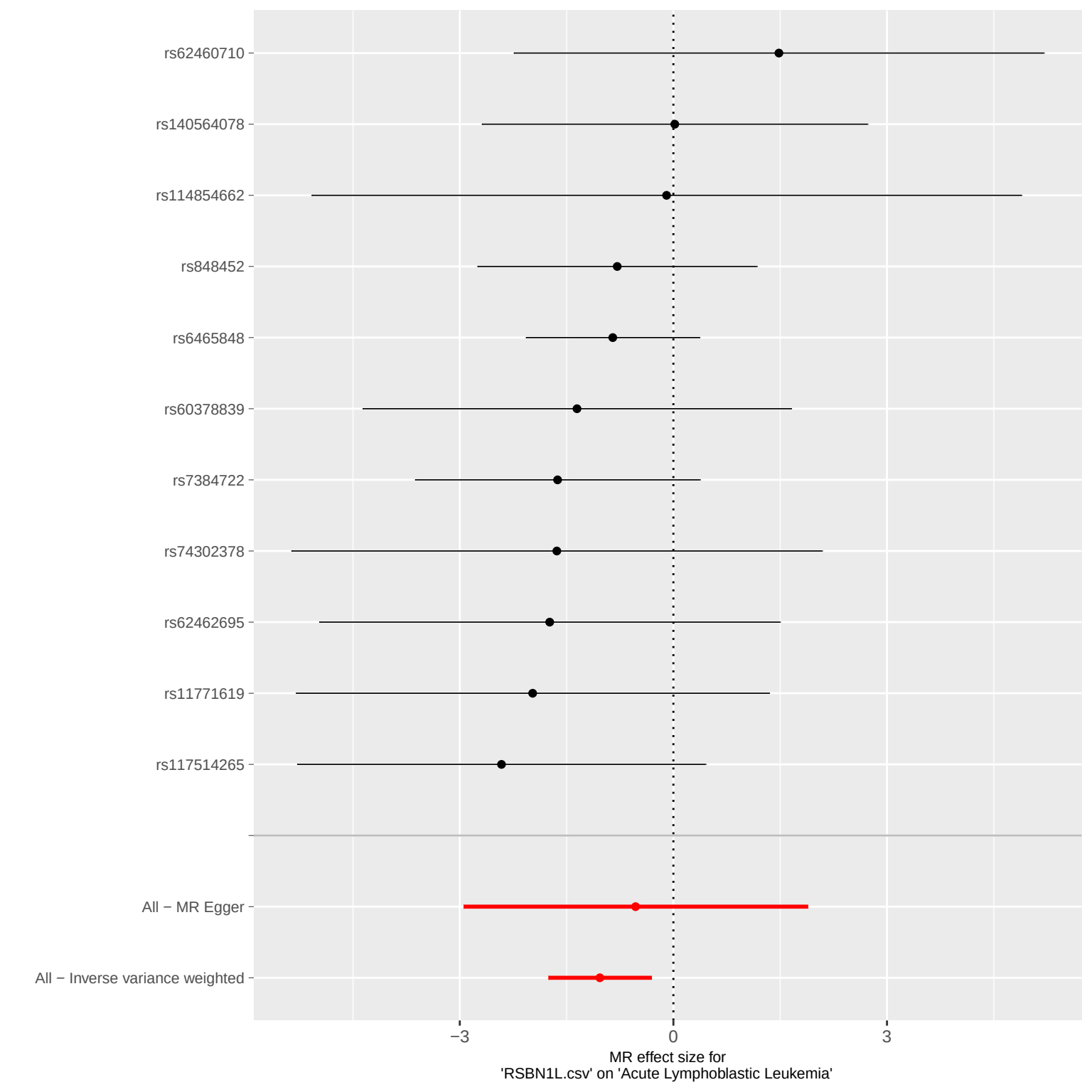
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All − Inverse variance weighted
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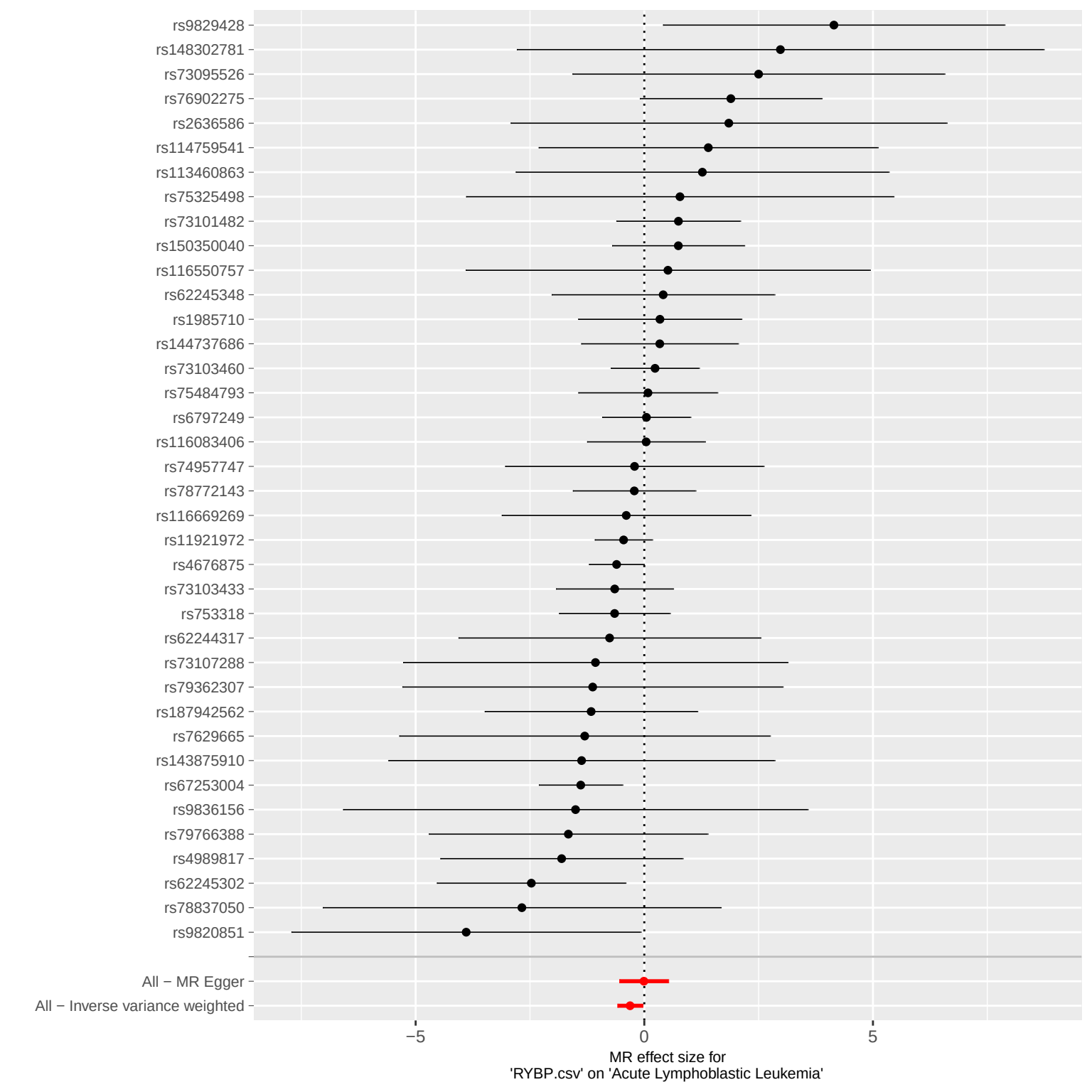
MR effect size for
'RSBN1L.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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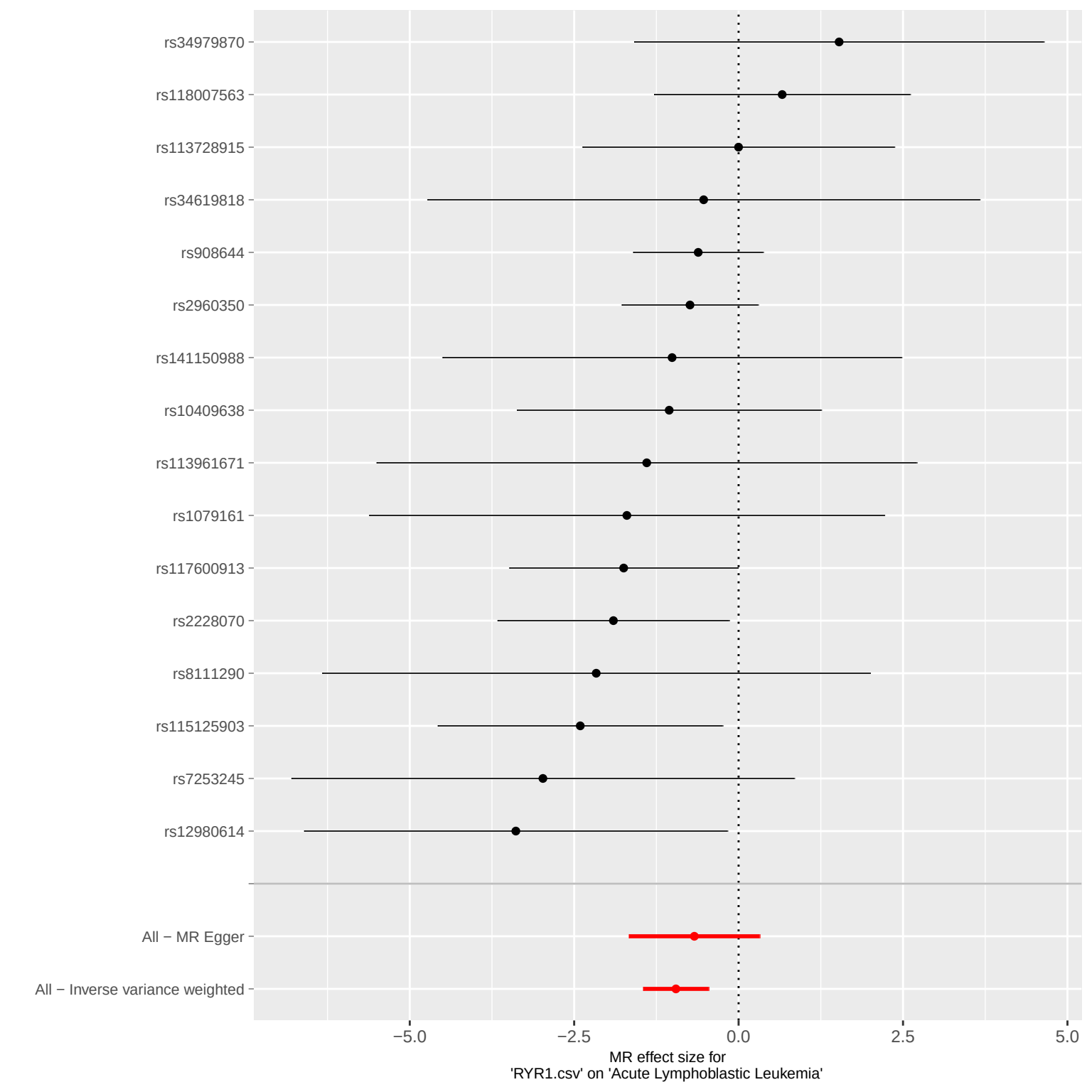
MR effect size for
'RYBP.csv' on 'Acute Lymphoblastic Leukemia'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rs12980614
All − MR Egger
All − Inverse variance weighted
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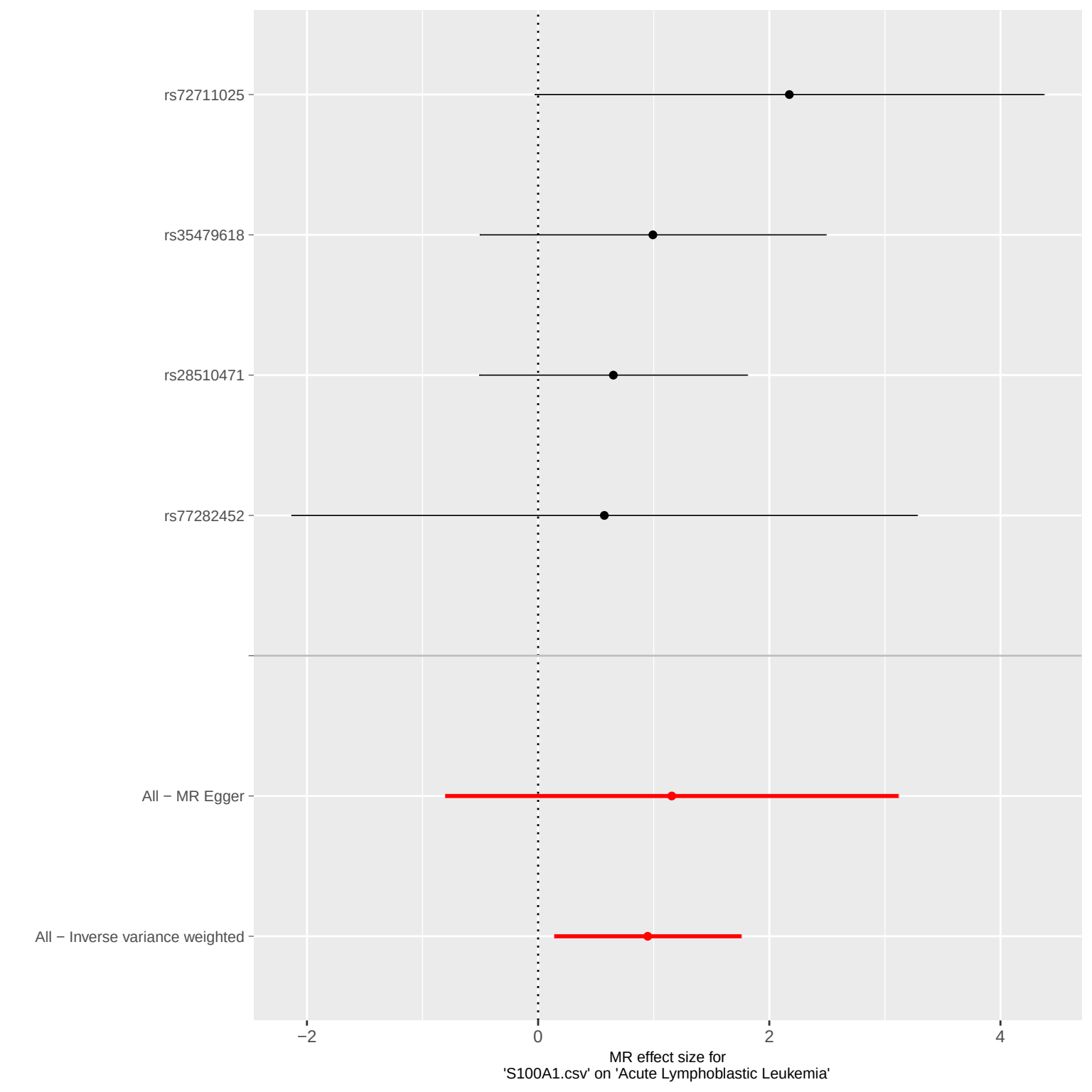
2.5
5.0
MR effect size for
'RYR1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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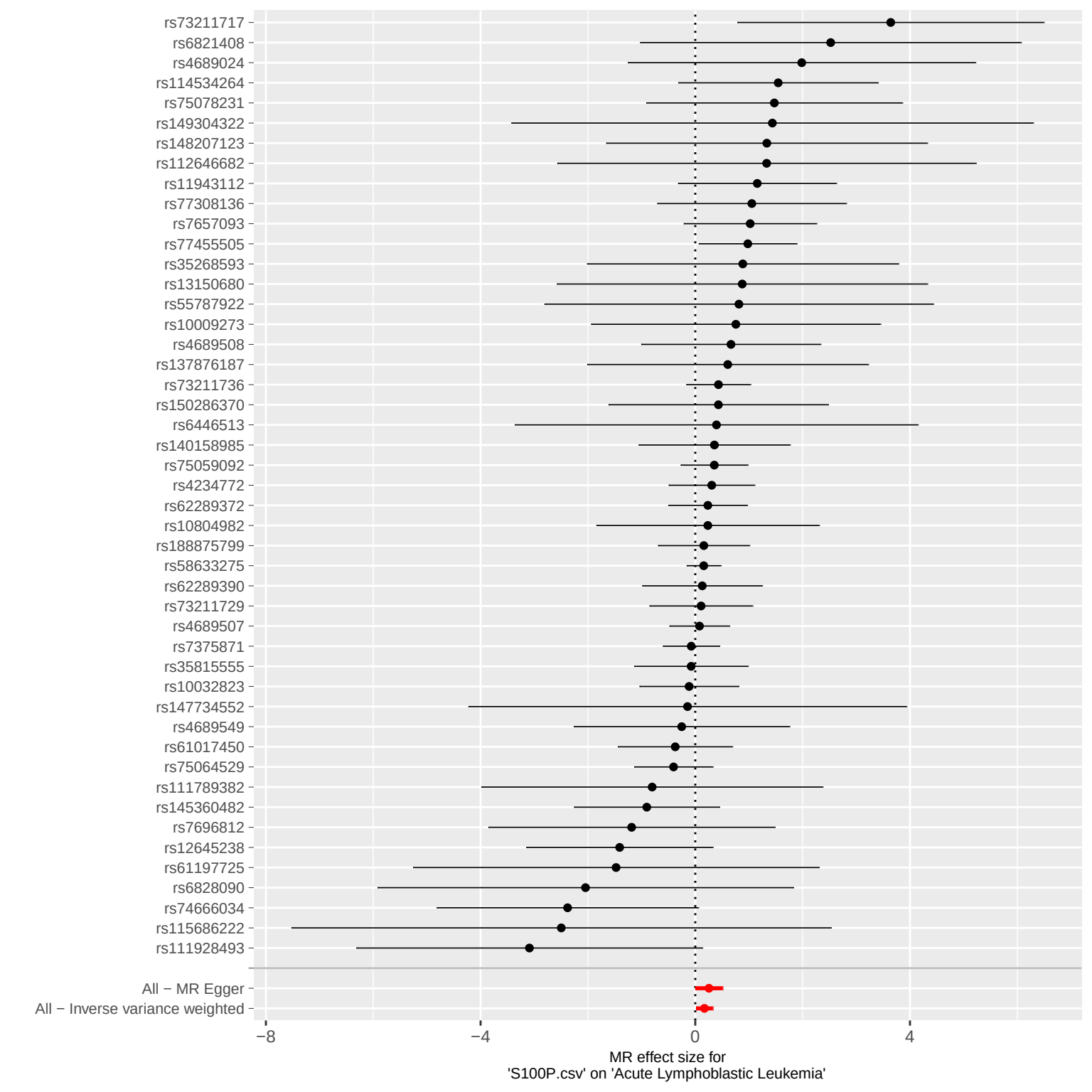
'S100A1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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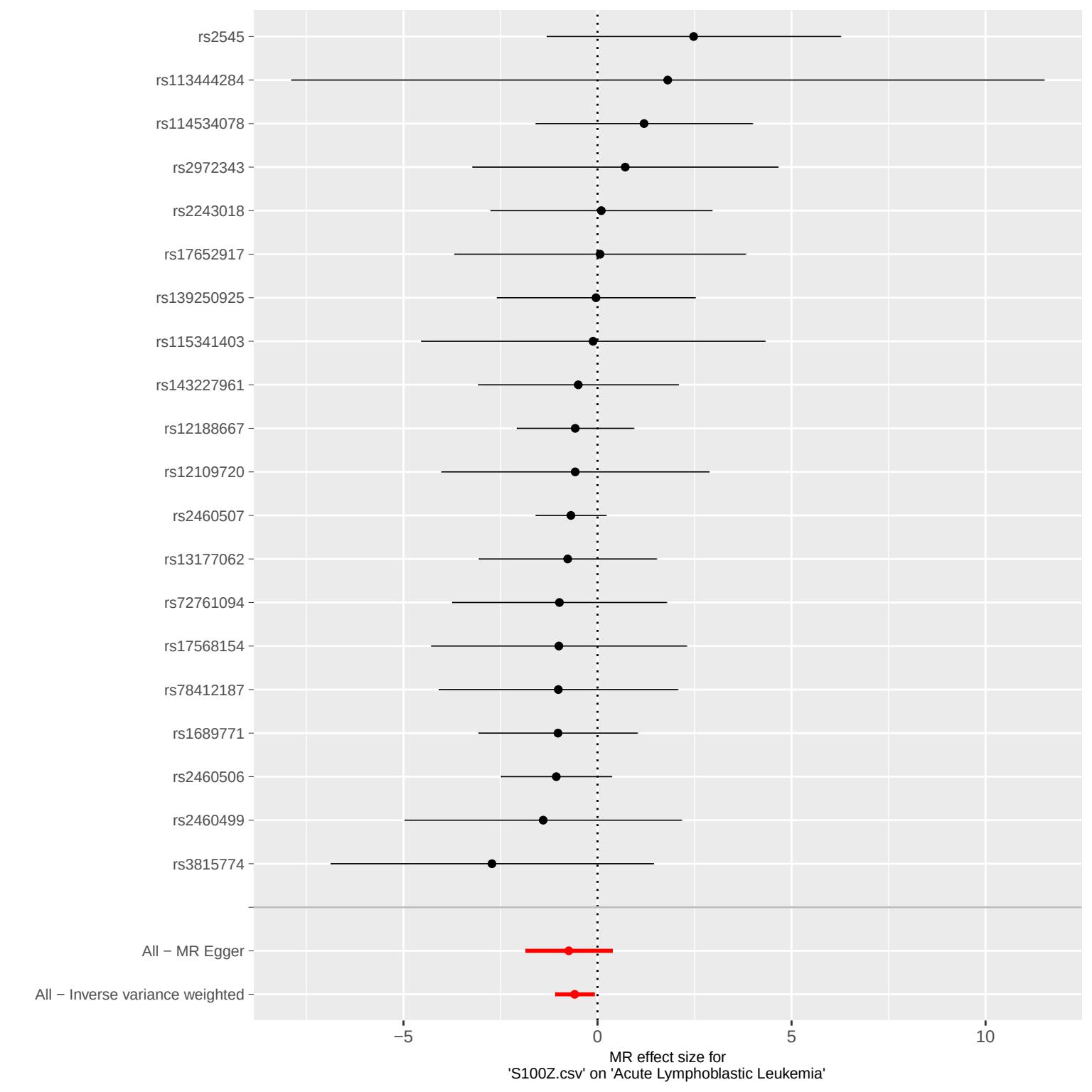
MR effect size for
'S100P.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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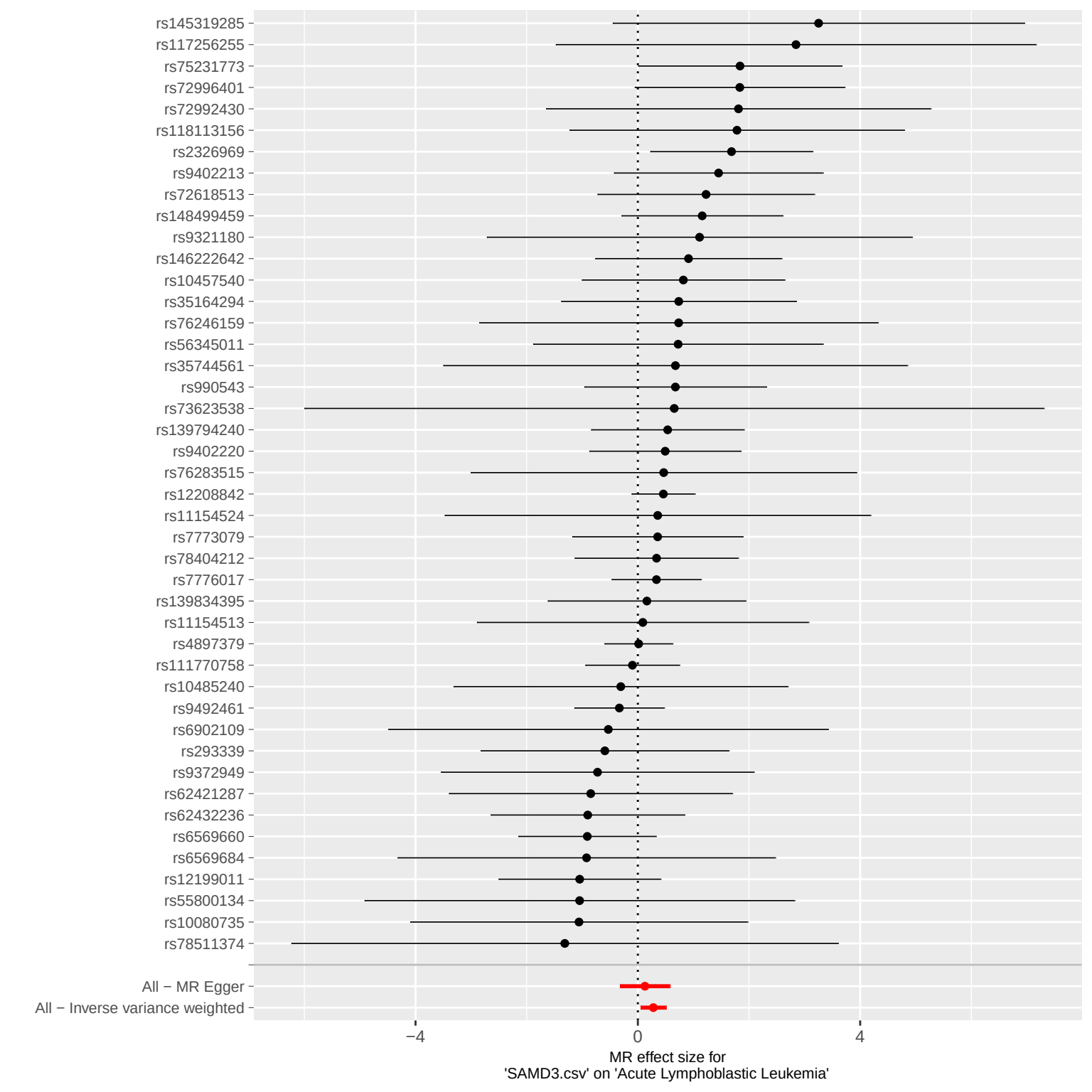
MR effect size for
'S100Z.csv' on 'Acute Lymphoblastic Leukemia'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rs6569660
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All − Inverse variance weighted
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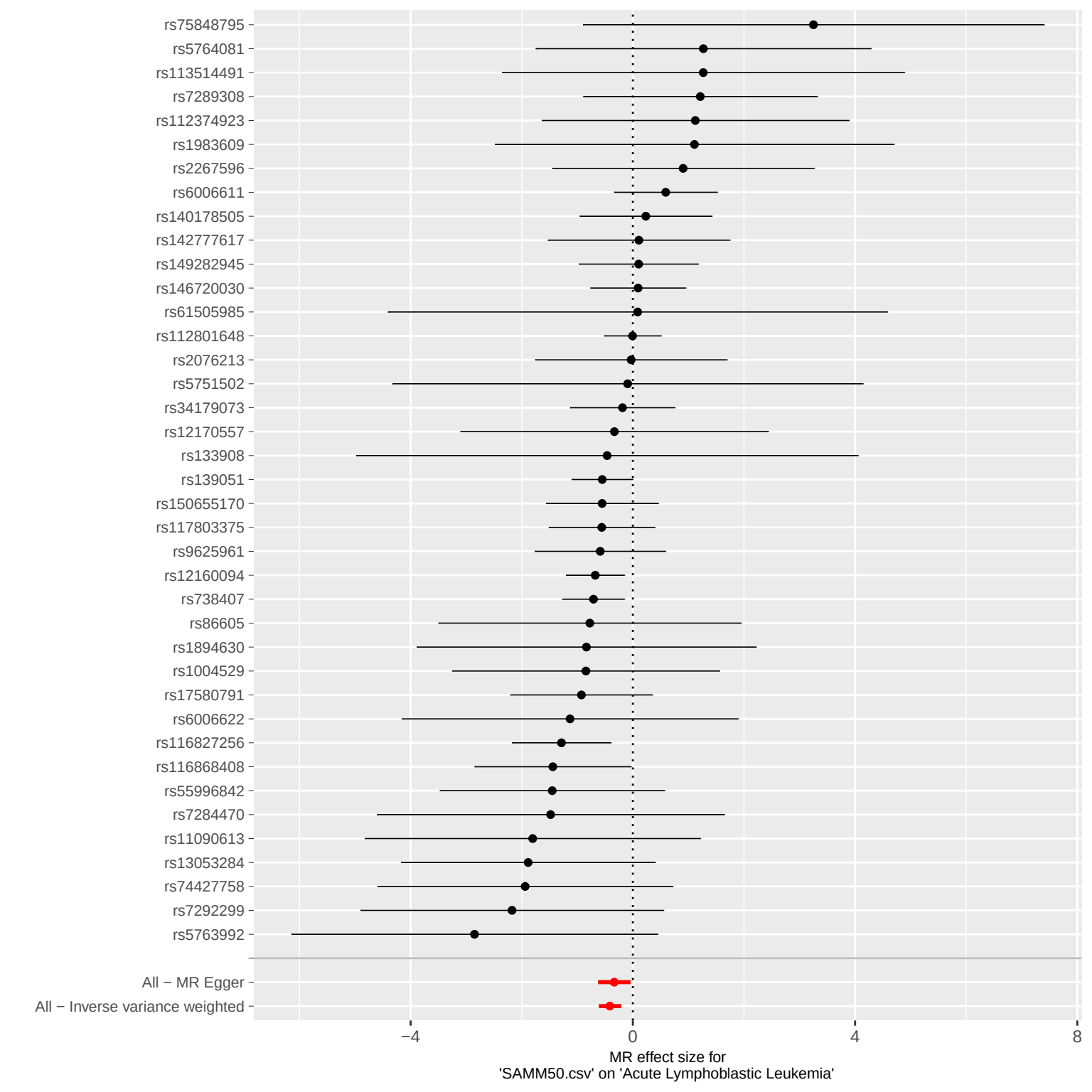
MR effect size for
'SAMD3.csv' on 'Acute Lymphoblastic Leukemia'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rs6006622
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rs13053284
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All − MR Egger
All − Inverse variance weighted
−4
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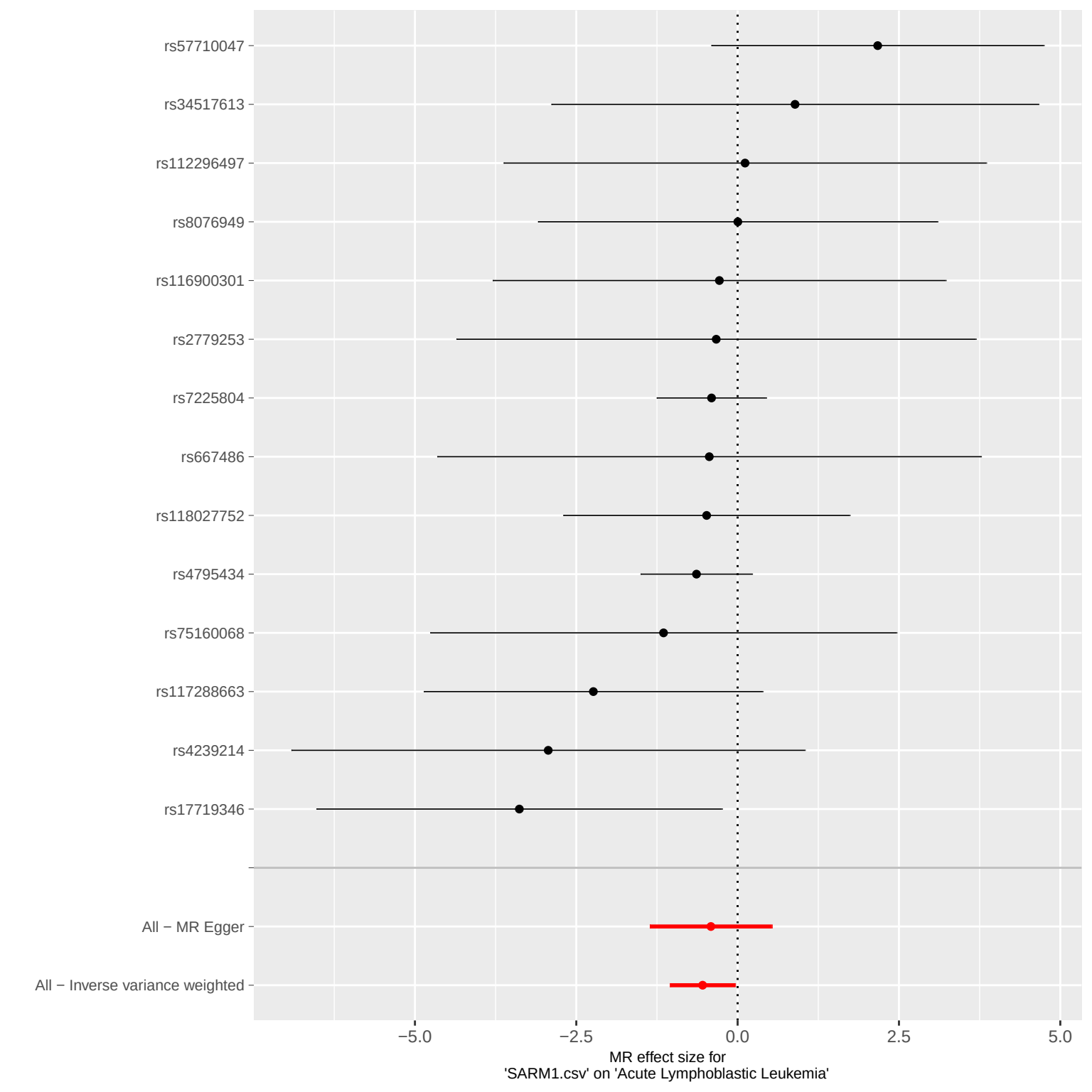
4
8
MR effect size for
'SAMM50.csv' on 'Acute Lymphoblastic Leukemia'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rs117288663
rs4239214
rs17719346
All − MR Egger
All − Inverse variance weighted
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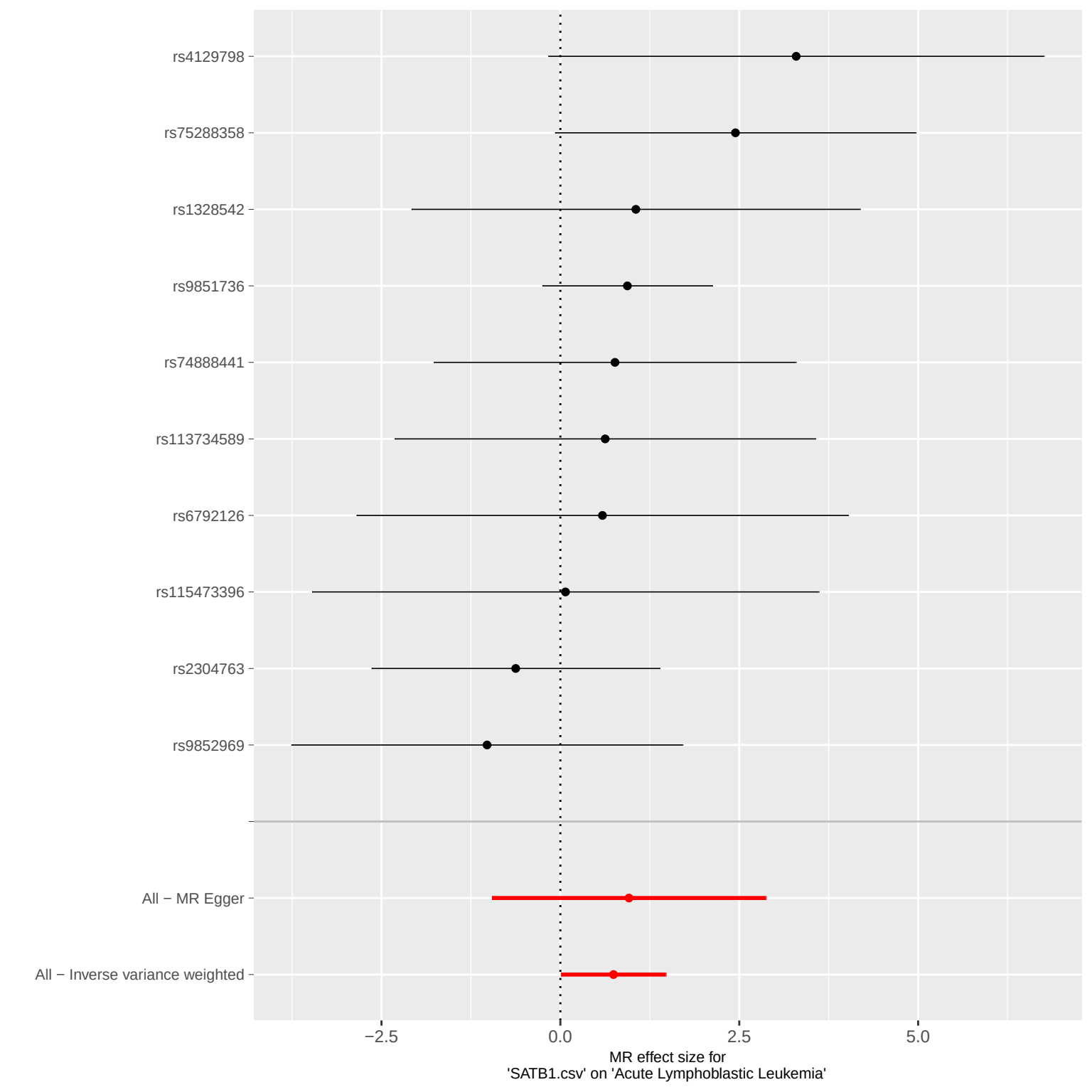
−2.5
0.0
2.5
5.0
MR effect size for
'SARM1.csv' on 'Acute Lymphoblastic Leukemia'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rs115473396
rs2304763
rs9852969
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All − Inverse variance weighted
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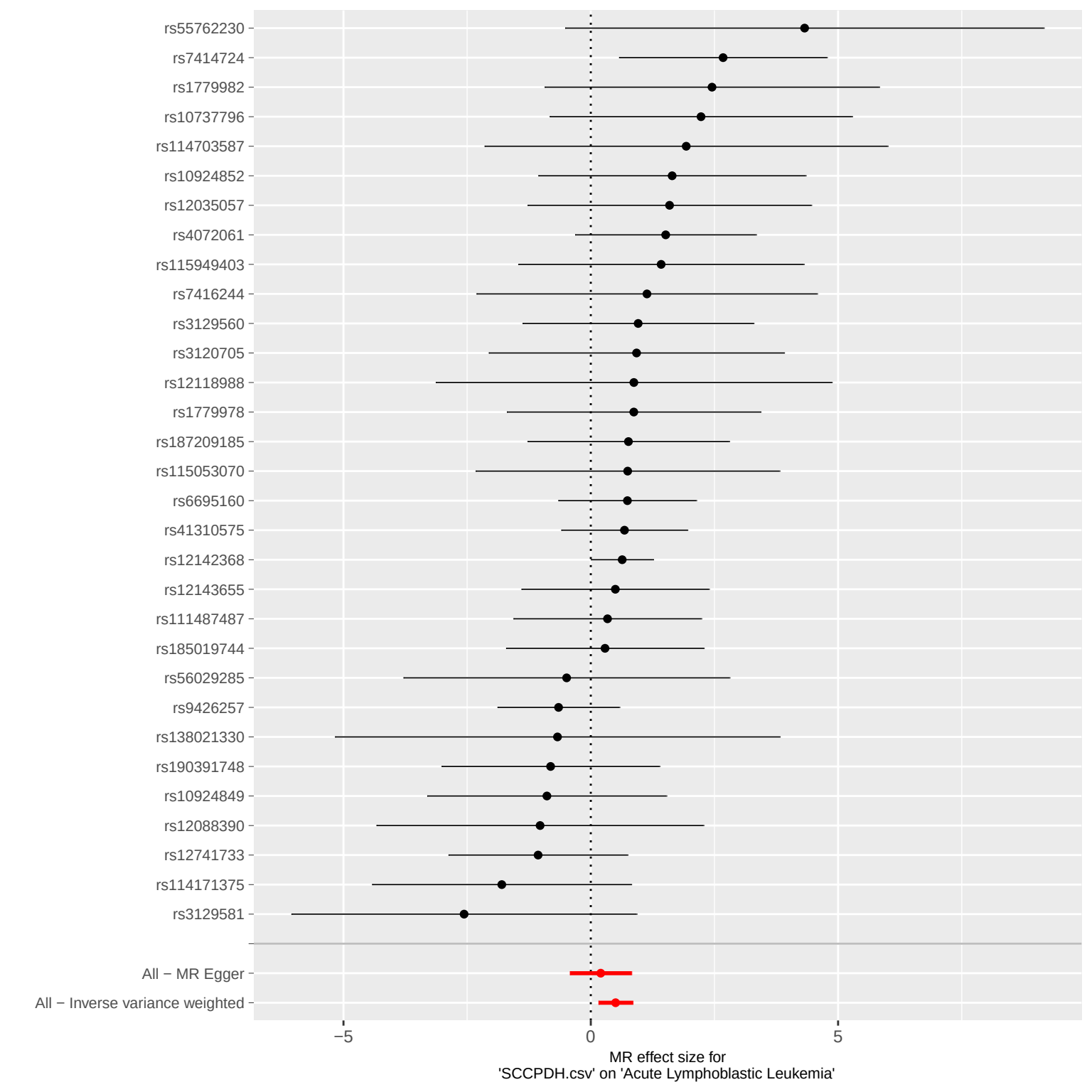
0.0
2.5
5.0
MR effect size for
'SATB1.csv' on 'Acute Lymphoblastic Leukemia'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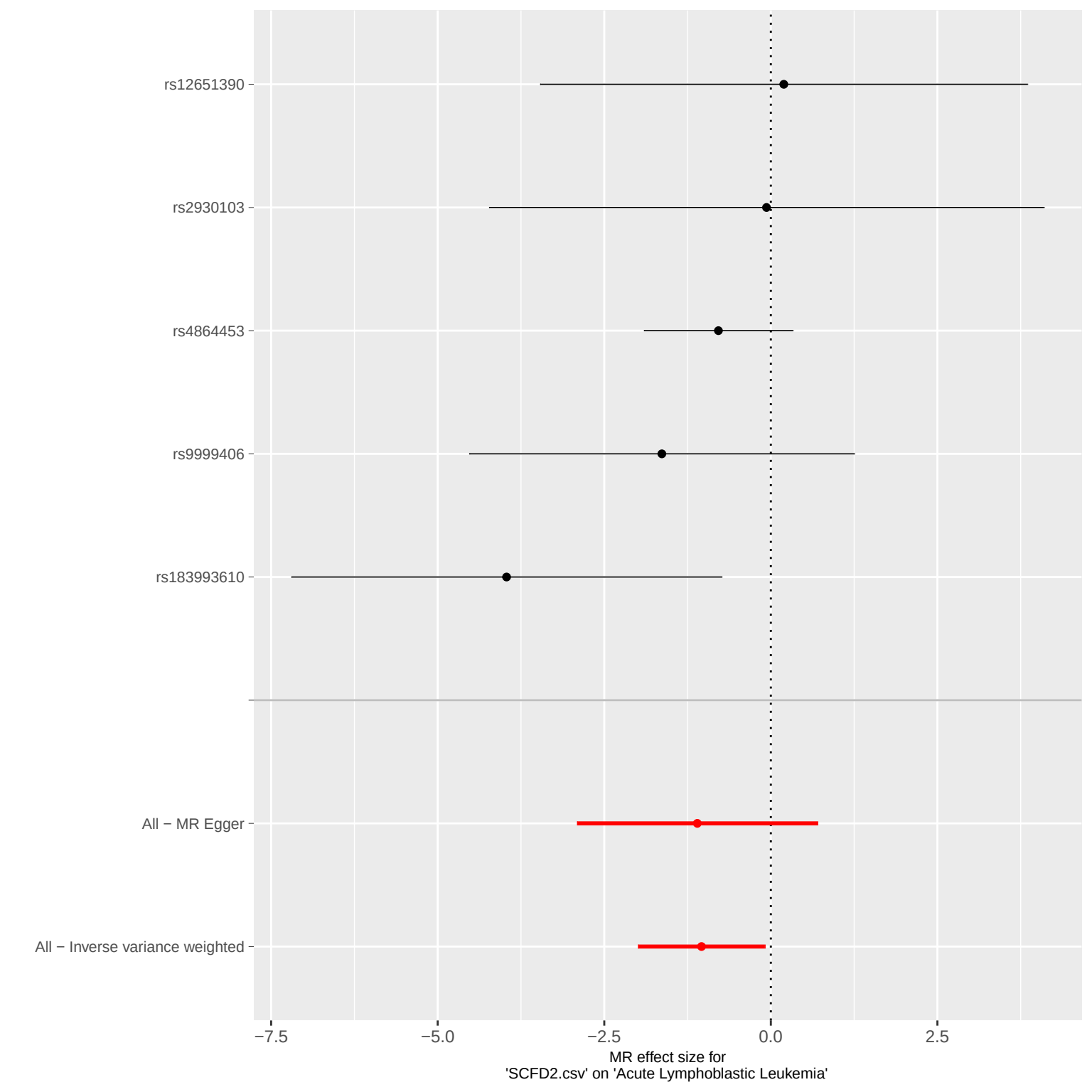
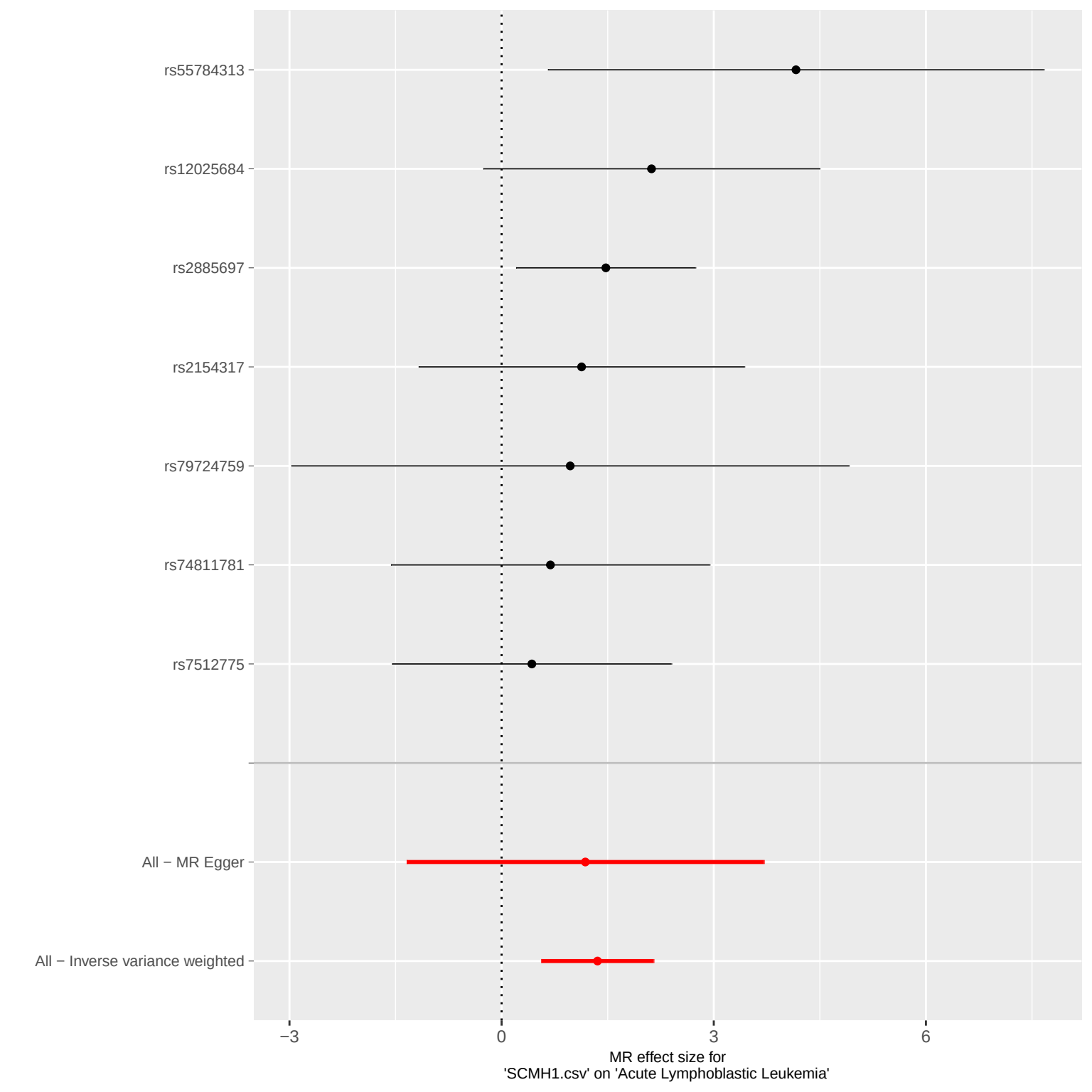
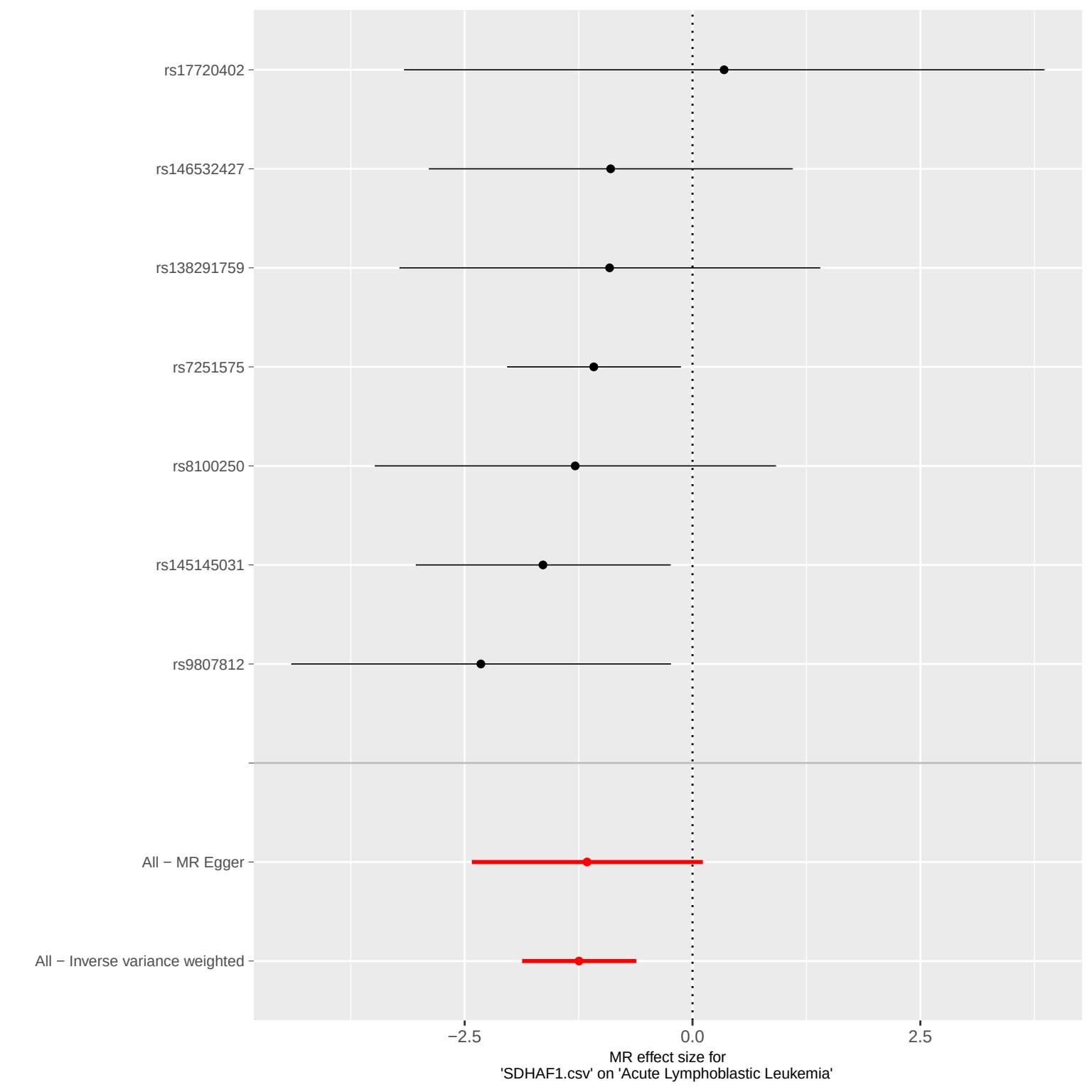
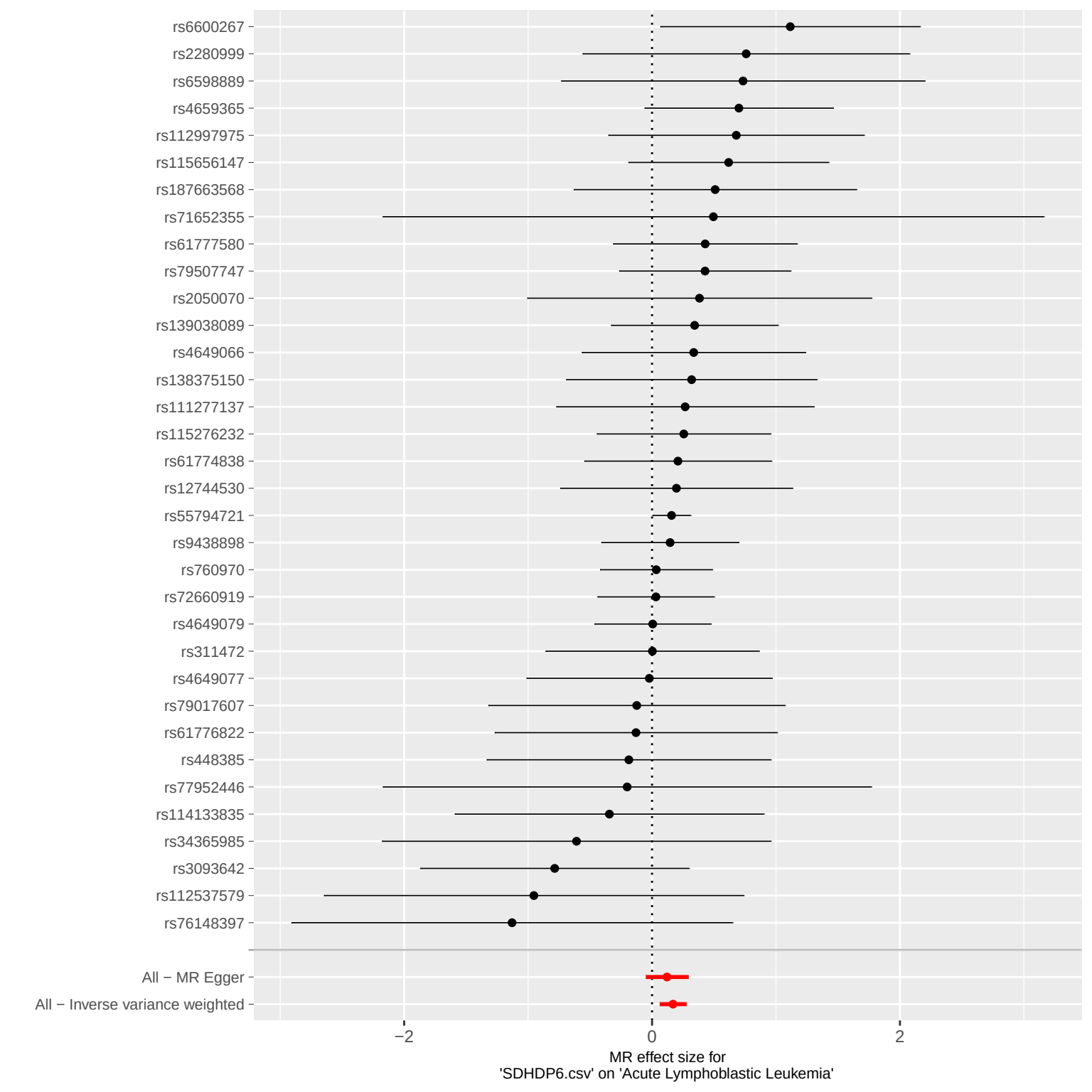
rs3129581
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SCCPDH.csv' on 'Acute Lymphoblastic Leukemia'


rs12651390
rs2930103
rs4864453
rs9999406
rs183993610
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'SCFD2.csv' on 'Acute Lymphoblastic Leukemia'


rs55784313
rs12025684
rs2885697
rs2154317
rs79724759
rs74811781
rs7512775
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'SCMH1.csv' on 'Acute Lymphoblastic Leukemia'


rs17720402
rs146532427
rs138291759
rs7251575
rs8100250
rs145145031
rs9807812
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'SDHAF1.csv' on 'Acute Lymphoblastic Leukemia'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rs2280999
rs6598889
rs4659365
rs112997975
rs115656147
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rs71652355
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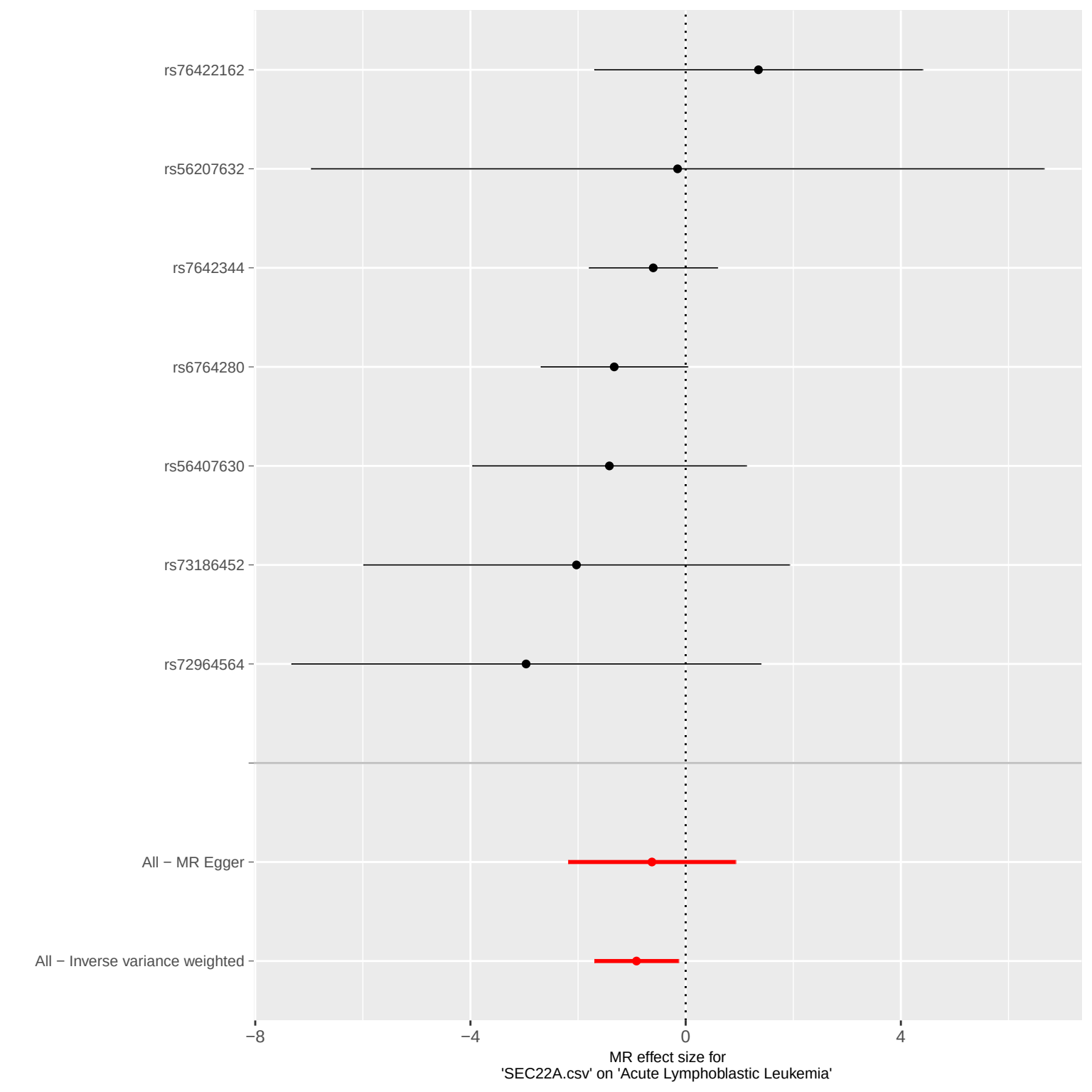
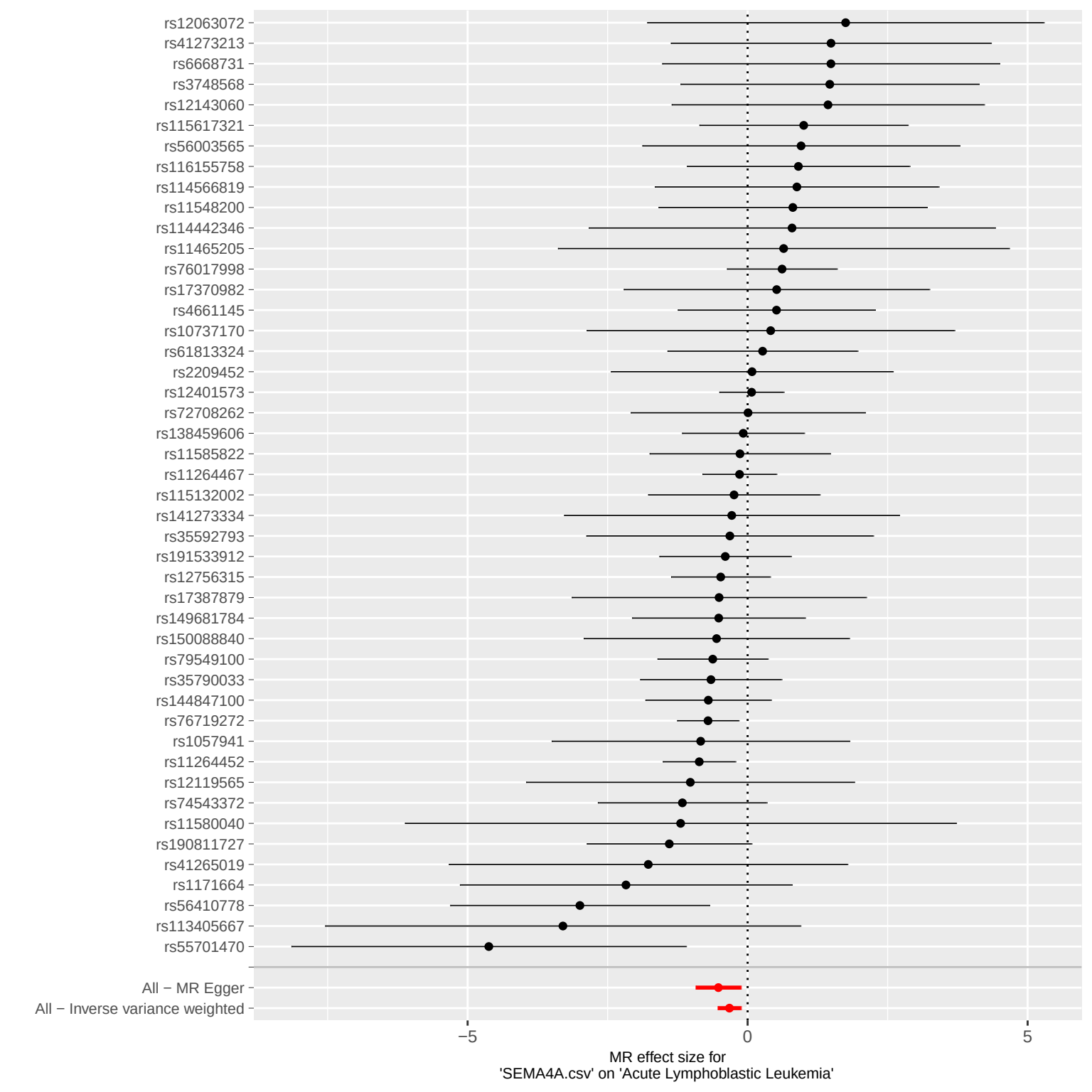
rs139038089
rs4649066
rs138375150
rs111277137
rs115276232
rs61774838
rs12744530
rs55794721
rs9438898
rs760970
rs72660919
rs4649079
rs311472
rs4649077
rs79017607
rs61776822
rs448385
rs77952446
rs114133835
rs34365985
rs3093642
rs112537579
rs76148397
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SDHDP6.csv' on 'Acute Lymphoblastic Leukemia'


rs76422162
rs56207632
rs7642344
rs6764280
rs56407630
rs73186452
rs72964564
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SEC22A.csv' on 'Acute Lymphoblastic Leukemia'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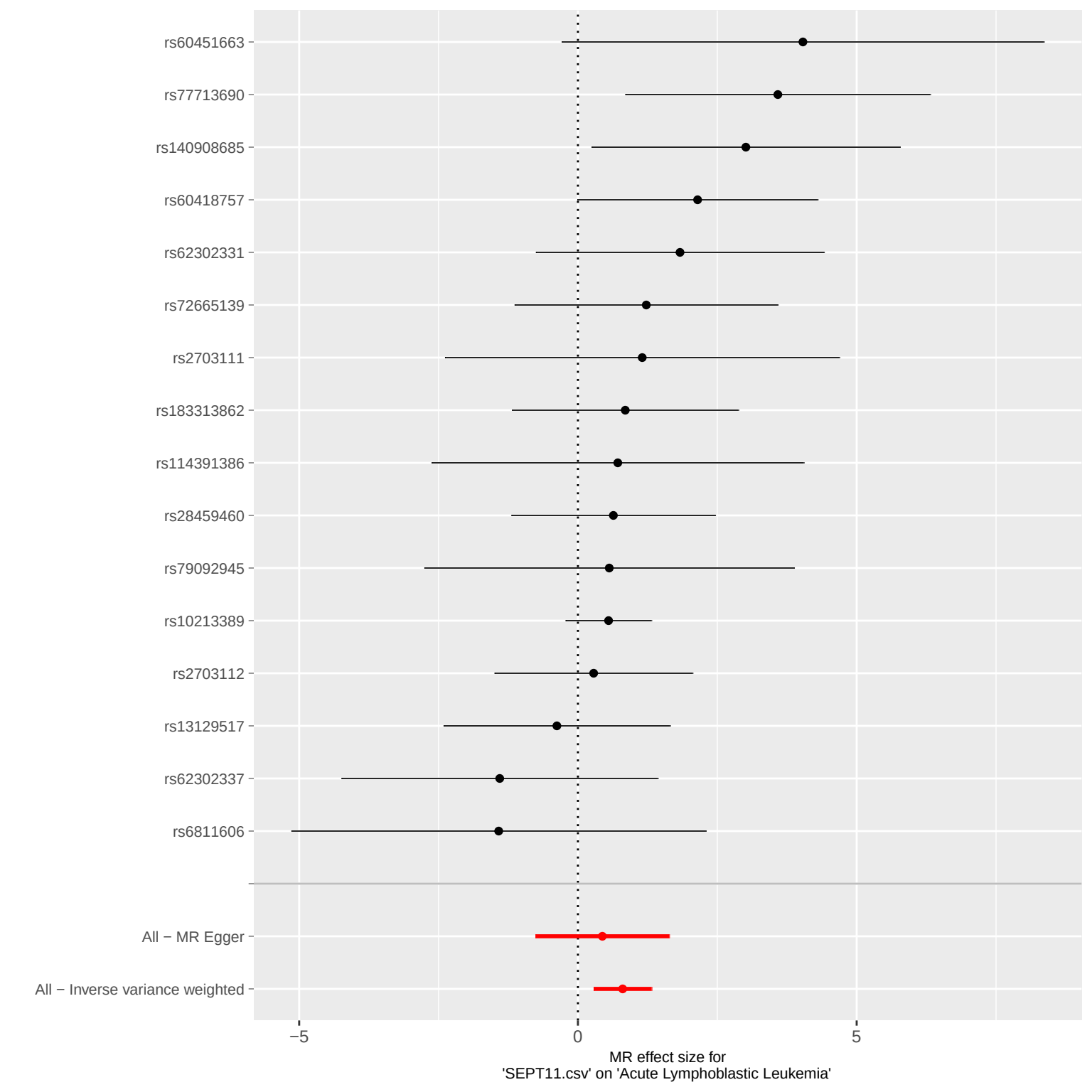
rs41273213
rs6668731
rs3748568
rs12143060
rs115617321
rs56003565
rs116155758
rs114566819
rs11548200
rs114442346
rs11465205
rs76017998
rs17370982
rs4661145
rs10737170
rs61813324
rs2209452
rs12401573
rs72708262
rs138459606
rs11585822
rs11264467
rs115132002
rs141273334
rs35592793
rs191533912
rs12756315
rs17387879
rs149681784
rs150088840
rs79549100
rs35790033
rs144847100
rs76719272
rs1057941
rs11264452
rs12119565
rs74543372
rs11580040
rs190811727
rs41265019
rs1171664
rs56410778
rs113405667
rs55701470
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SEMA4A.csv' on 'Acute Lymphoblastic Leukemia'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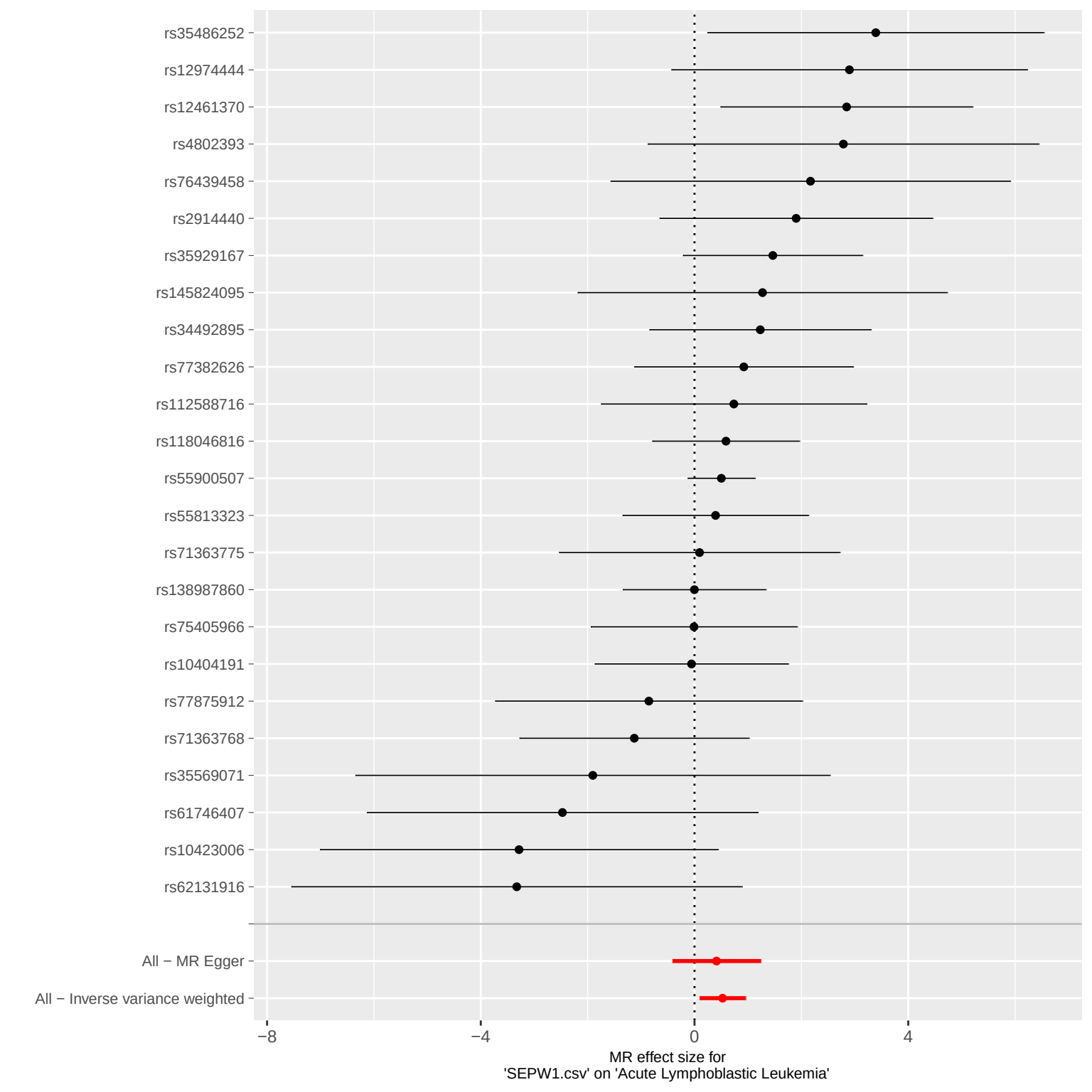
rs77713690
rs140908685
rs60418757
rs62302331
rs72665139
rs2703111
rs183313862
rs114391386
rs28459460
rs79092945
rs10213389
rs2703112
rs13129517
rs62302337
rs6811606
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SEPT11.csv' on 'Acute Lymphoblastic Leukemia'


rs35486252
rs12974444
rs12461370
rs4802393
rs76439458
rs2914440
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rs145824095
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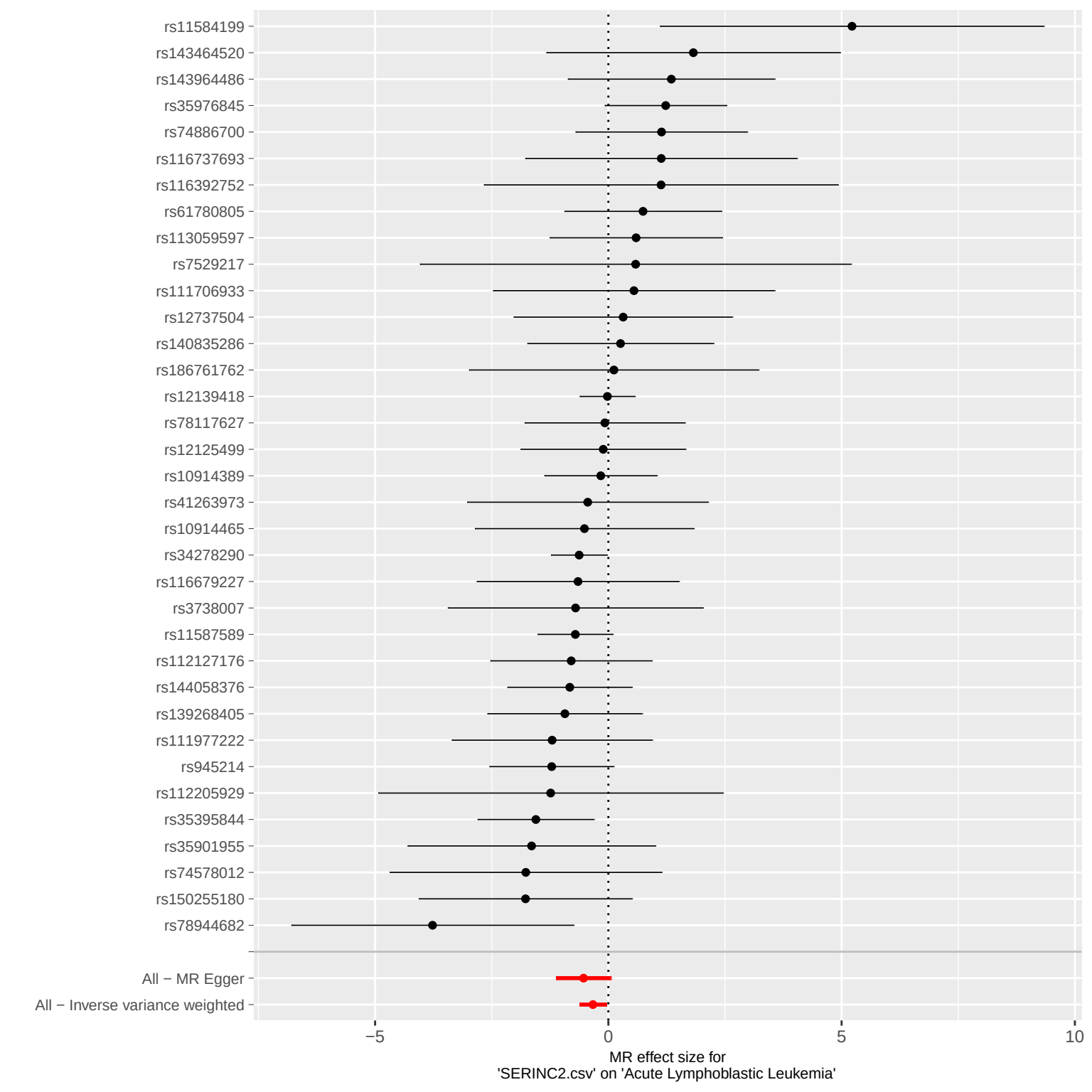
rs112588716
rs118046816
rs55900507
rs55813323
rs71363775
rs138987860
rs75405966
rs10404191
rs77875912
rs71363768
rs35569071
rs61746407
rs10423006
rs62131916
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SEPW1.csv' on 'Acute Lymphoblastic Leukemia'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rs74886700
rs116737693
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rs61780805
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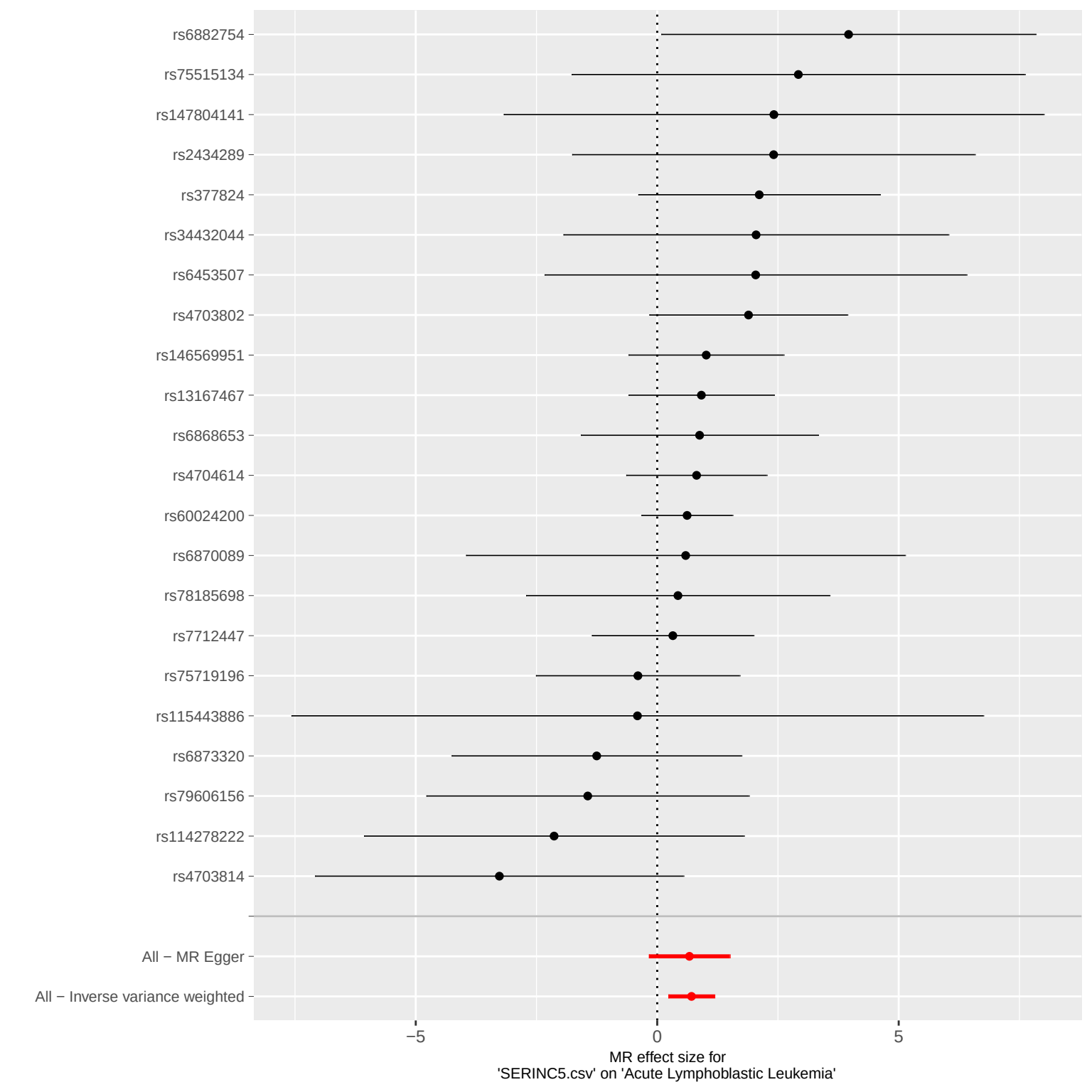
rs7529217
rs111706933
rs12737504
rs140835286
rs186761762
rs12139418
rs78117627
rs12125499
rs10914389
rs41263973
rs10914465
rs34278290
rs116679227
rs3738007
rs11587589
rs112127176
rs144058376
rs139268405
rs111977222
rs945214
rs112205929
rs35395844
rs35901955
rs74578012
rs150255180
rs78944682
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SERINC2.csv' on 'Acute Lymphoblastic Leukemia'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rs75515134
rs147804141
rs2434289
rs377824
rs34432044
rs6453507
rs4703802
rs146569951
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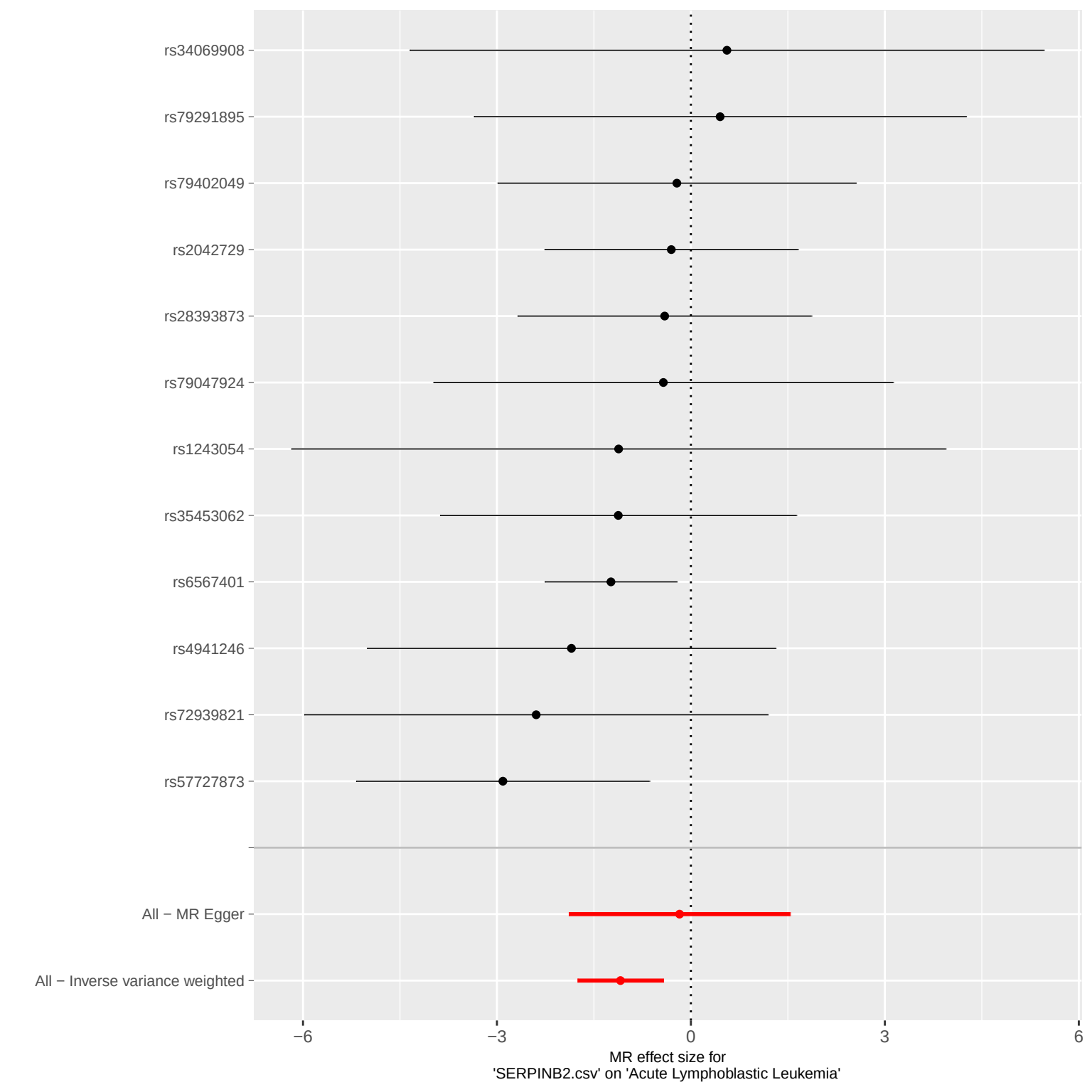
rs6868653
rs4704614
rs60024200
rs6870089
rs78185698
rs7712447
rs75719196
rs115443886
rs6873320
rs79606156
rs114278222
rs4703814
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SERINC5.csv' on 'Acute Lymphoblastic Leukemia'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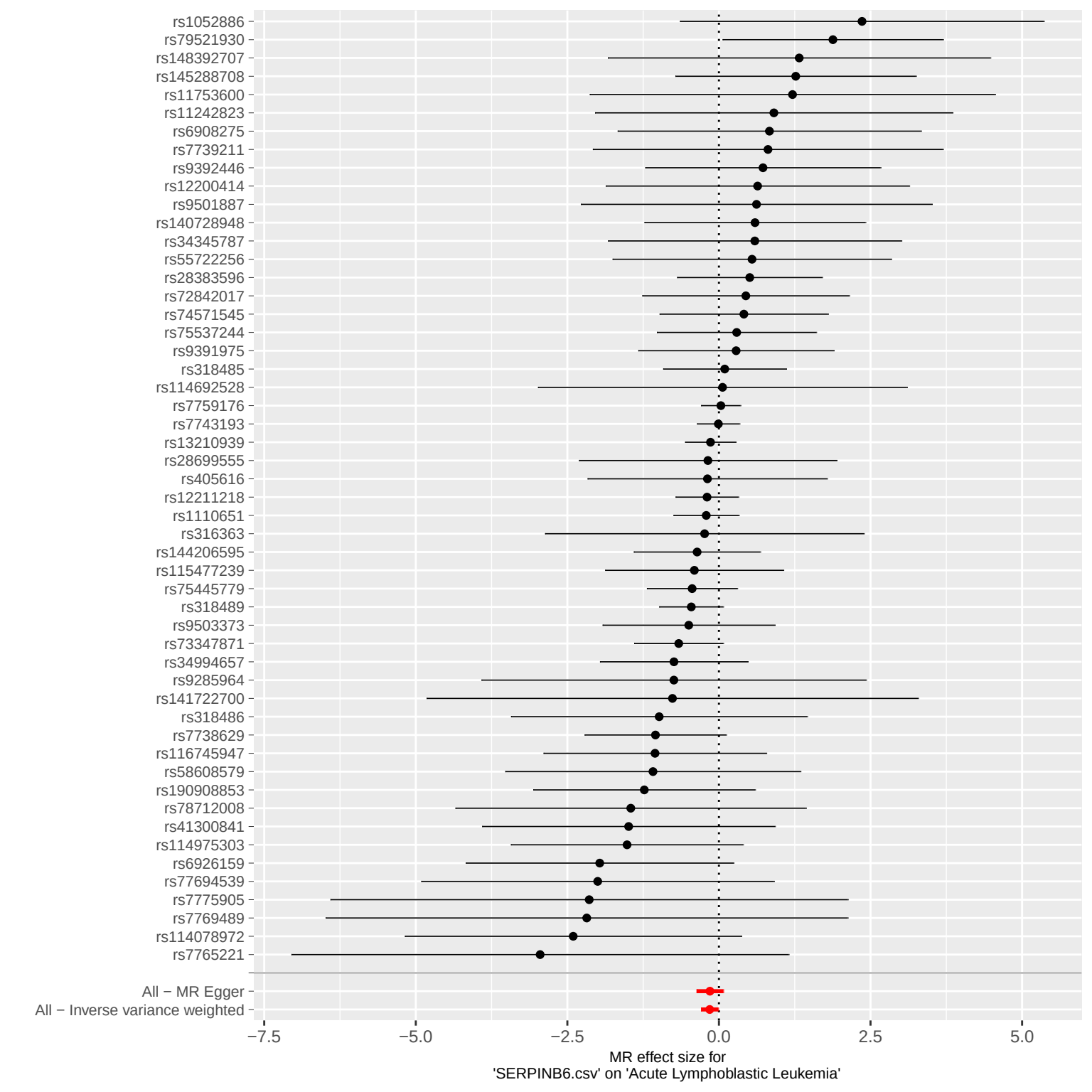
rs79291895
rs79402049
rs2042729
rs28393873
rs79047924
rs1243054
rs35453062
rs6567401
rs4941246
rs72939821
rs57727873
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'SERPINB2.csv' on 'Acute Lymphoblastic Leukemia'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rs148392707
rs145288708
rs11753600
rs11242823
rs6908275
rs7739211
rs9392446
rs12200414
rs9501887
rs140728948
rs34345787
rs55722256
rs28383596
rs72842017
rs74571545
rs75537244
rs9391975
rs318485
rs114692528
rs7759176
rs7743193
rs13210939
rs28699555
rs405616
rs12211218
rs1110651
rs316363
rs144206595
rs115477239
rs75445779
rs318489
rs9503373
rs73347871
rs34994657
rs9285964
rs141722700
rs318486
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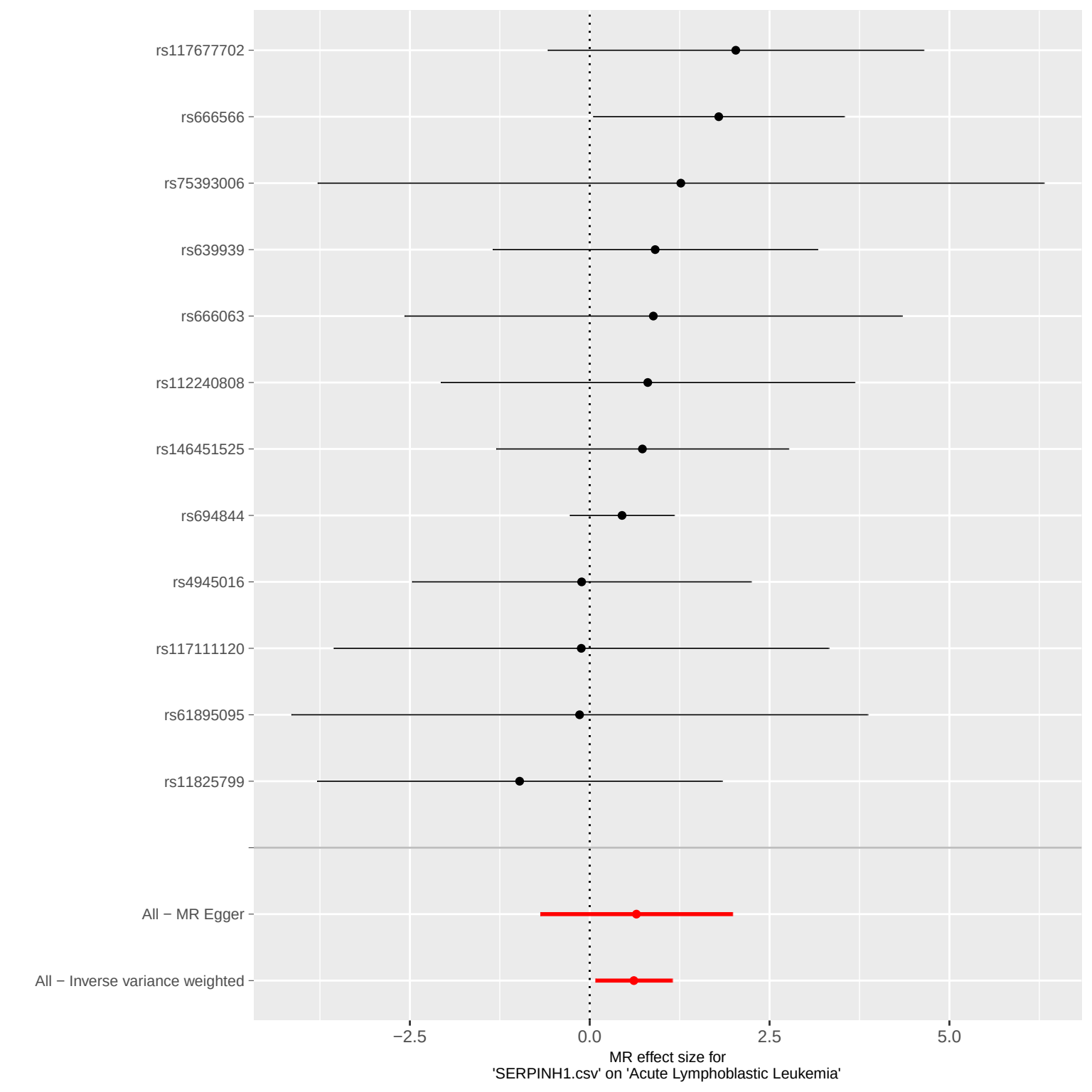
rs58608579
rs190908853
rs78712008
rs41300841
rs114975303
rs6926159
rs77694539
rs7775905
rs7769489
rs114078972
rs7765221
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'SERPINB6.csv' on 'Acute Lymphoblastic Leukemia'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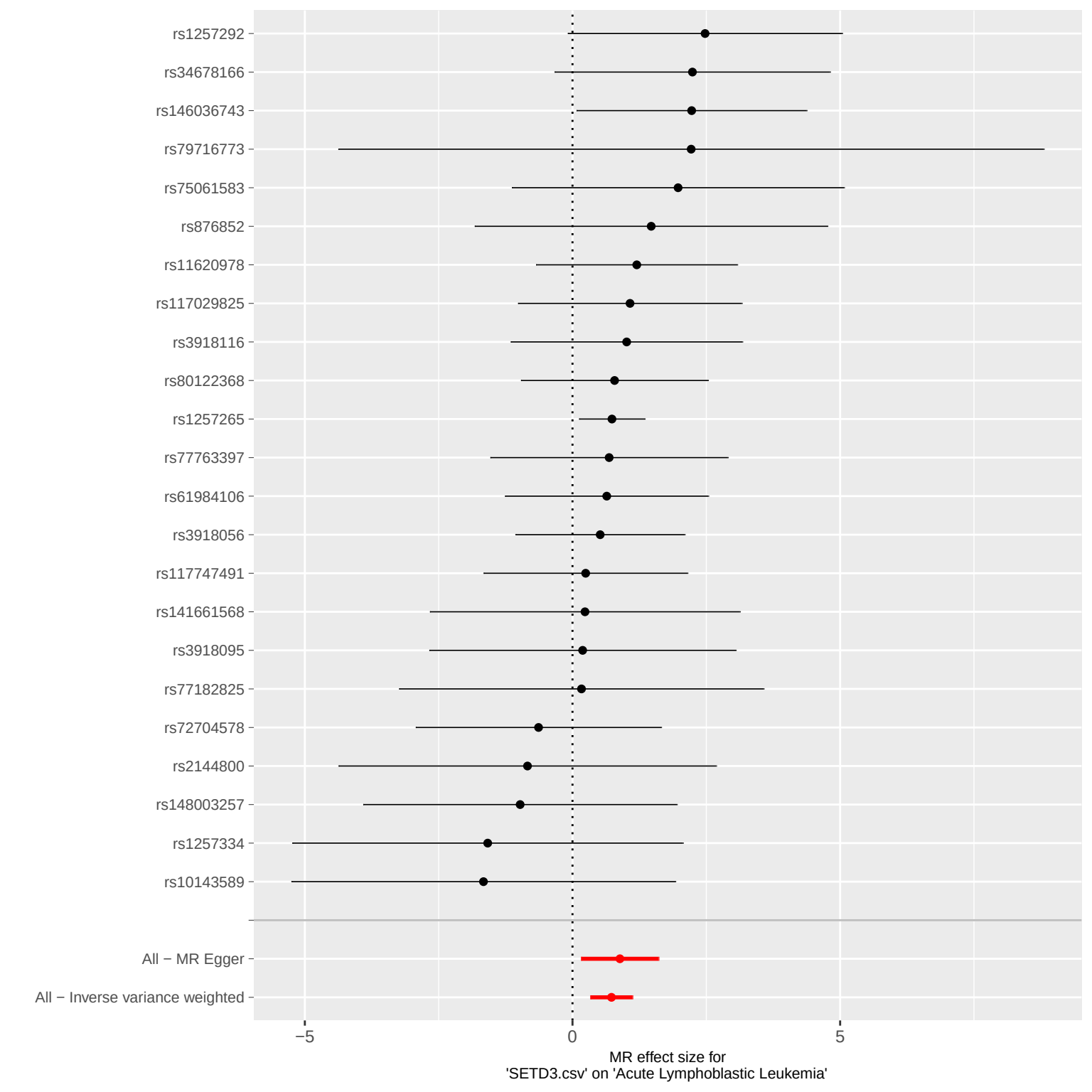
rs666566
rs75393006
rs639939
rs666063
rs112240808
rs146451525
rs694844
rs4945016
rs117111120
rs61895095
rs11825799
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SERPINH1.csv' on 'Acute Lymphoblastic Leukemia'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rs11620978
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rs3918056
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rs141661568
rs3918095
rs77182825
rs72704578
rs2144800
rs148003257
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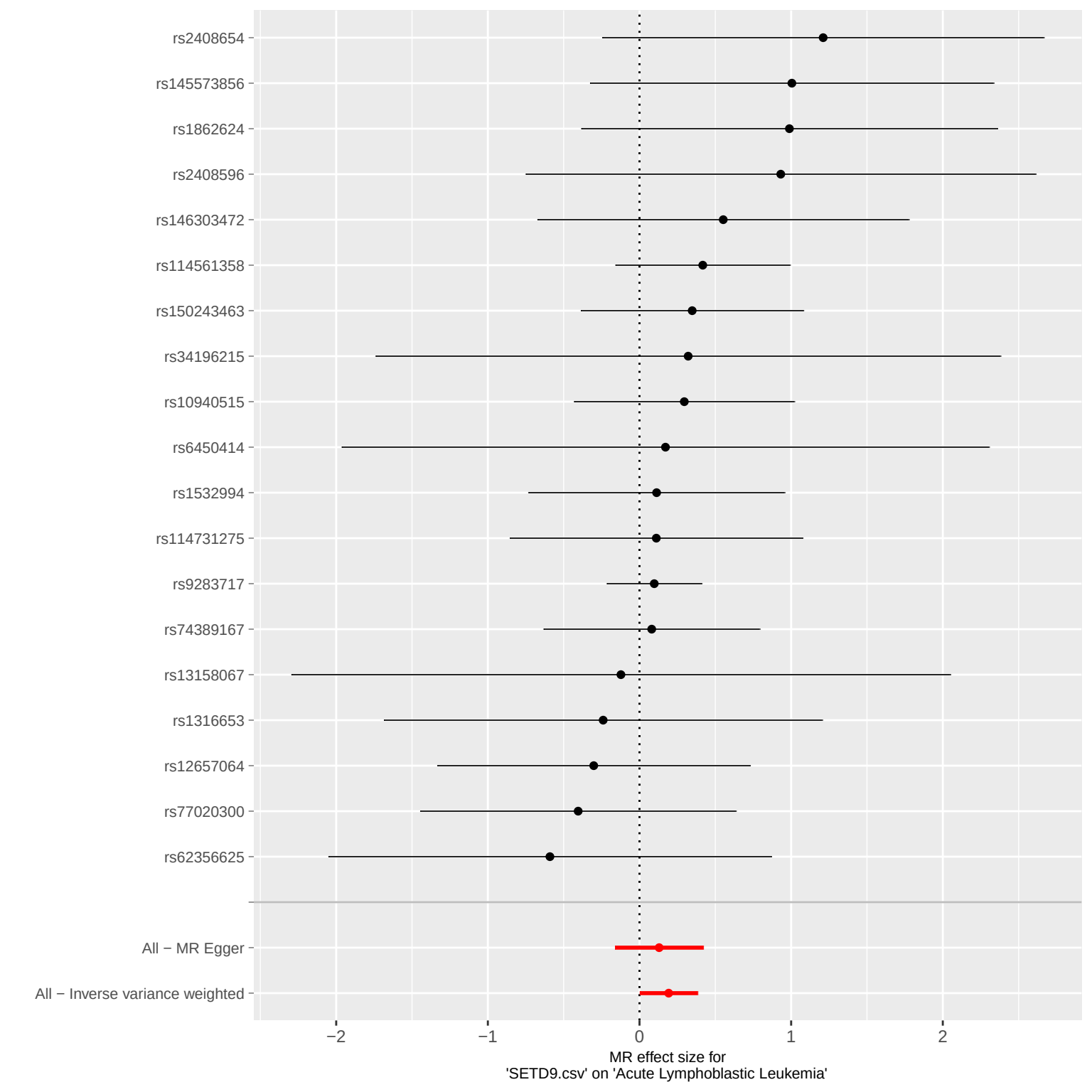
rs10143589
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SETD3.csv' on 'Acute Lymphoblastic Leukemia'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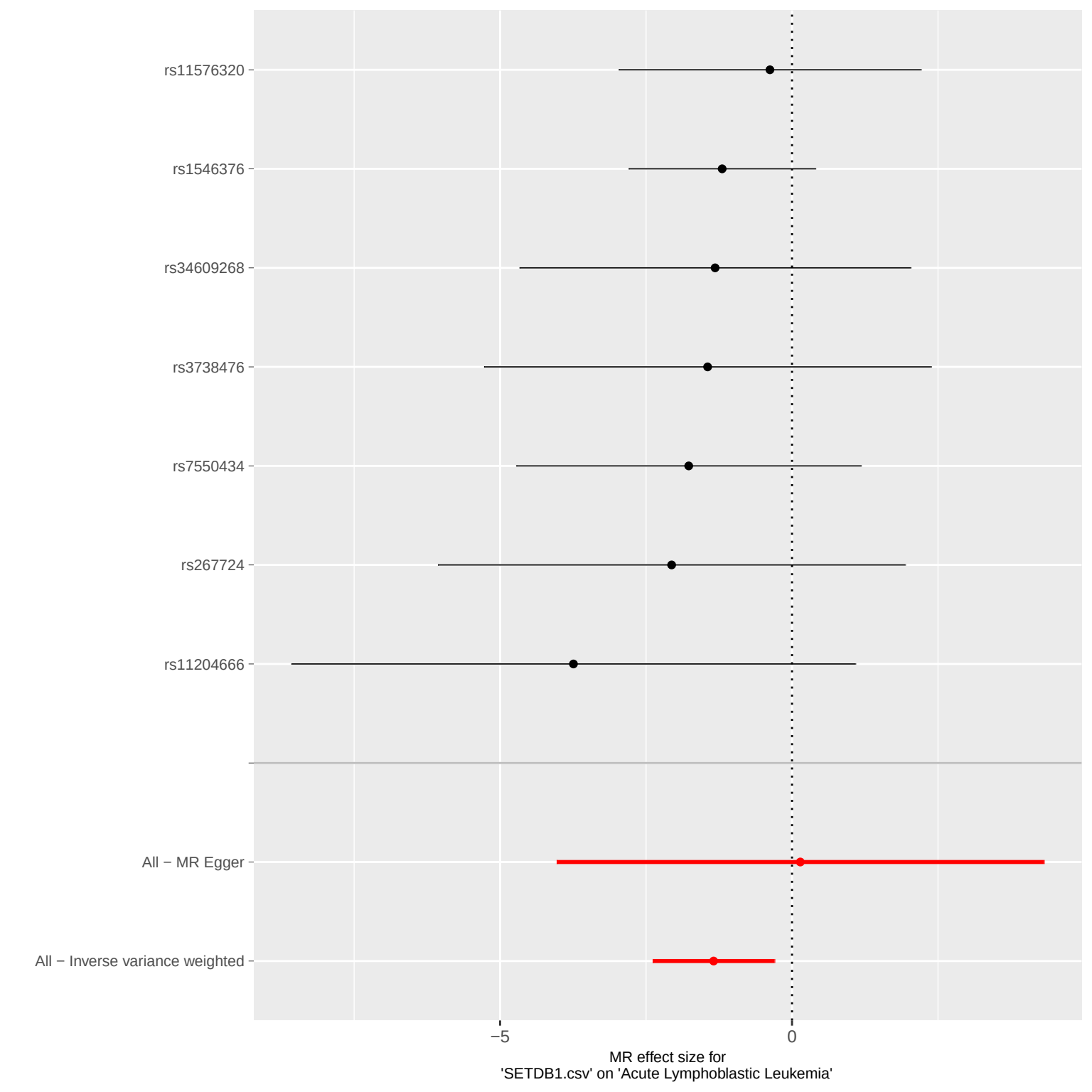
rs150243463
rs34196215
rs10940515
rs6450414
rs1532994
rs114731275
rs9283717
rs74389167
rs13158067
rs1316653
rs12657064
rs77020300
rs62356625
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'SETD9.csv' on 'Acute Lymphoblastic Leukemia'


rs11576320
rs1546376
rs34609268
rs3738476
rs7550434
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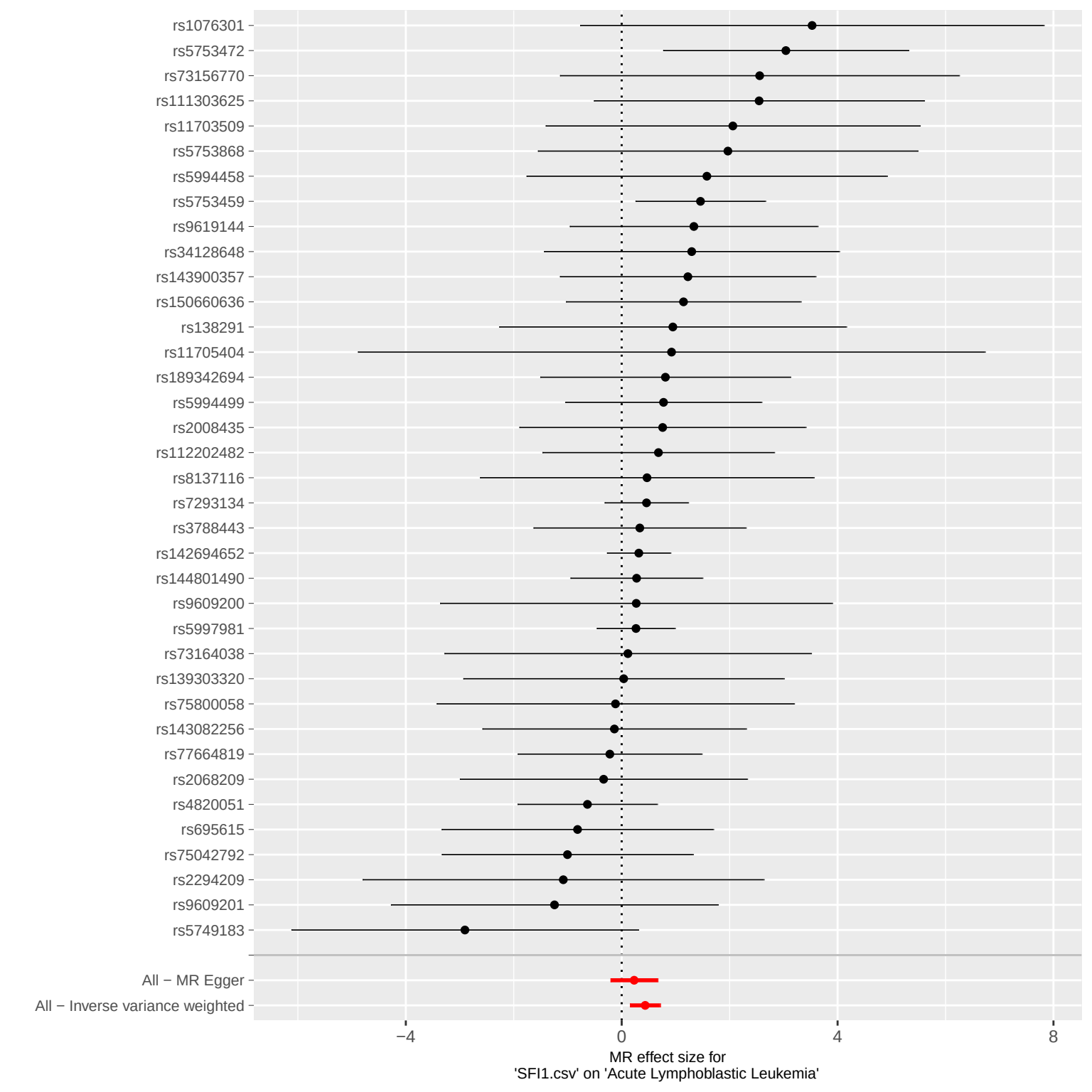
All − MR Egger
All − Inverse variance weighted
−5
0
MR effect size for
'SETDB1.csv' on 'Acute Lymphoblastic Leukemia'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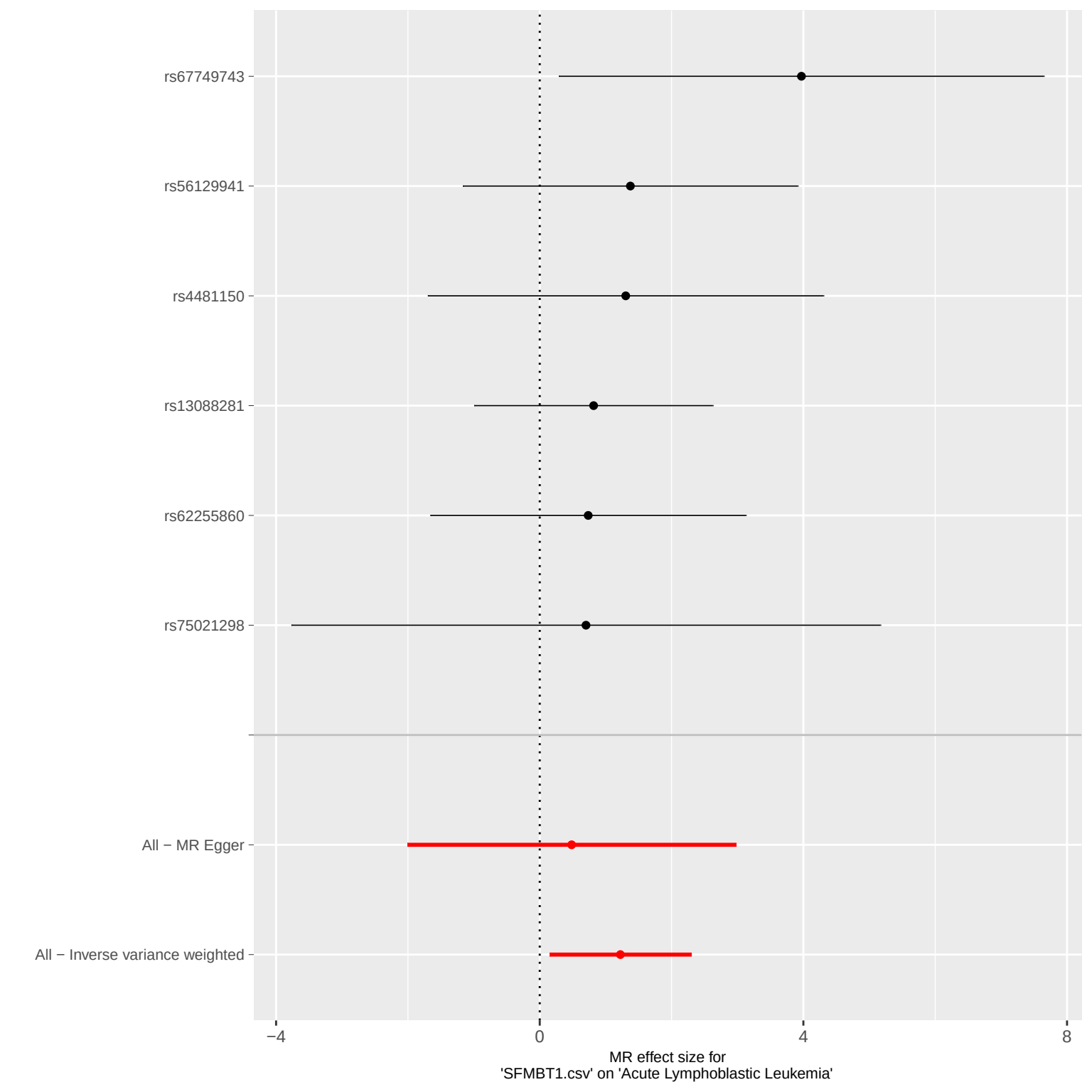
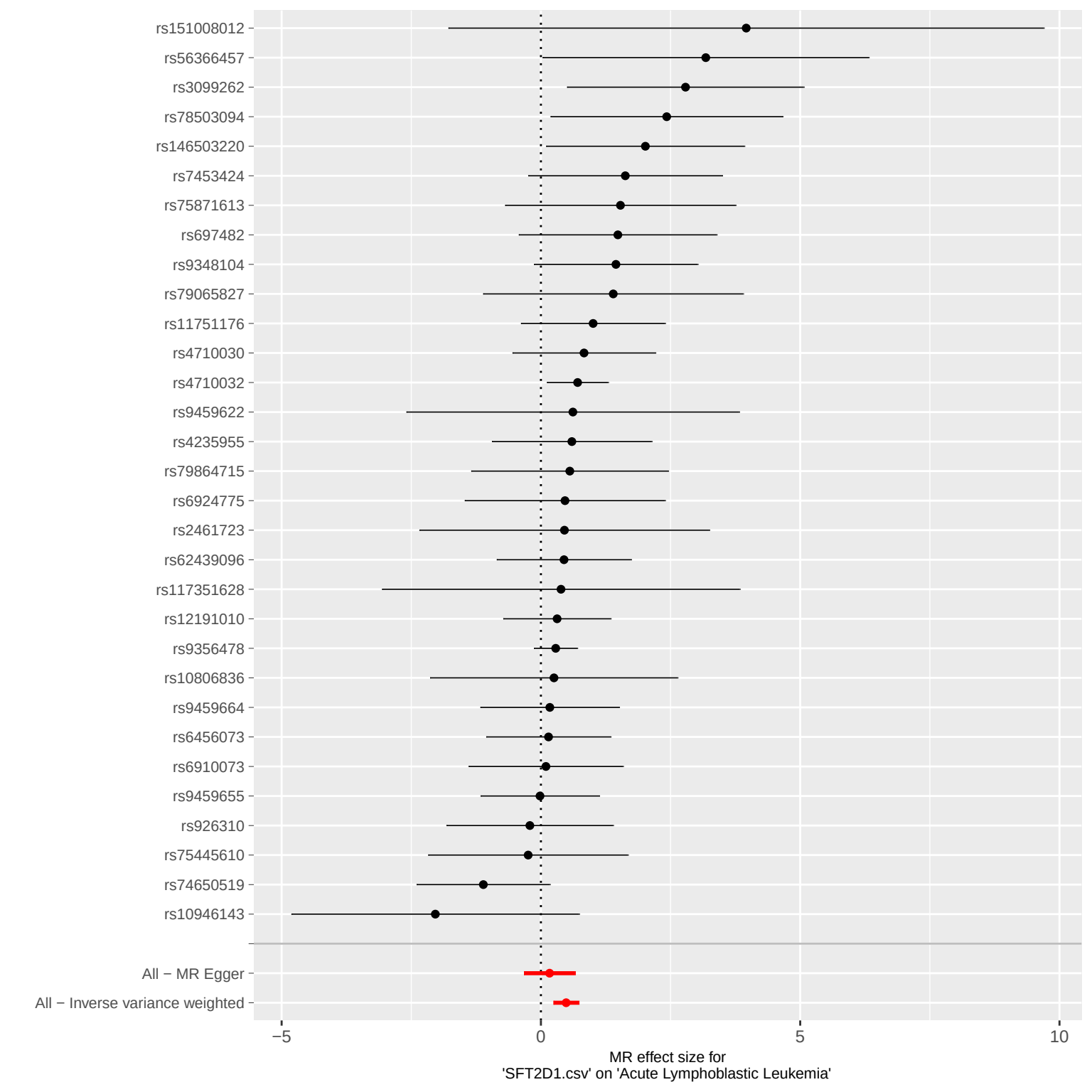
rs150660636
rs138291
rs11705404
rs189342694
rs5994499
rs2008435
rs112202482
rs8137116
rs7293134
rs3788443
rs142694652
rs144801490
rs9609200
rs5997981
rs73164038
rs139303320
rs75800058
rs143082256
rs77664819
rs2068209
rs4820051
rs695615
rs75042792
rs2294209
rs9609201
rs5749183
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'SFI1.csv' on 'Acute Lymphoblastic Leukemia'


rs67749743
rs56129941
rs4481150
rs13088281
rs62255860
rs75021298
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'SFMBT1.csv' on 'Acute Lymphoblastic Leukemia'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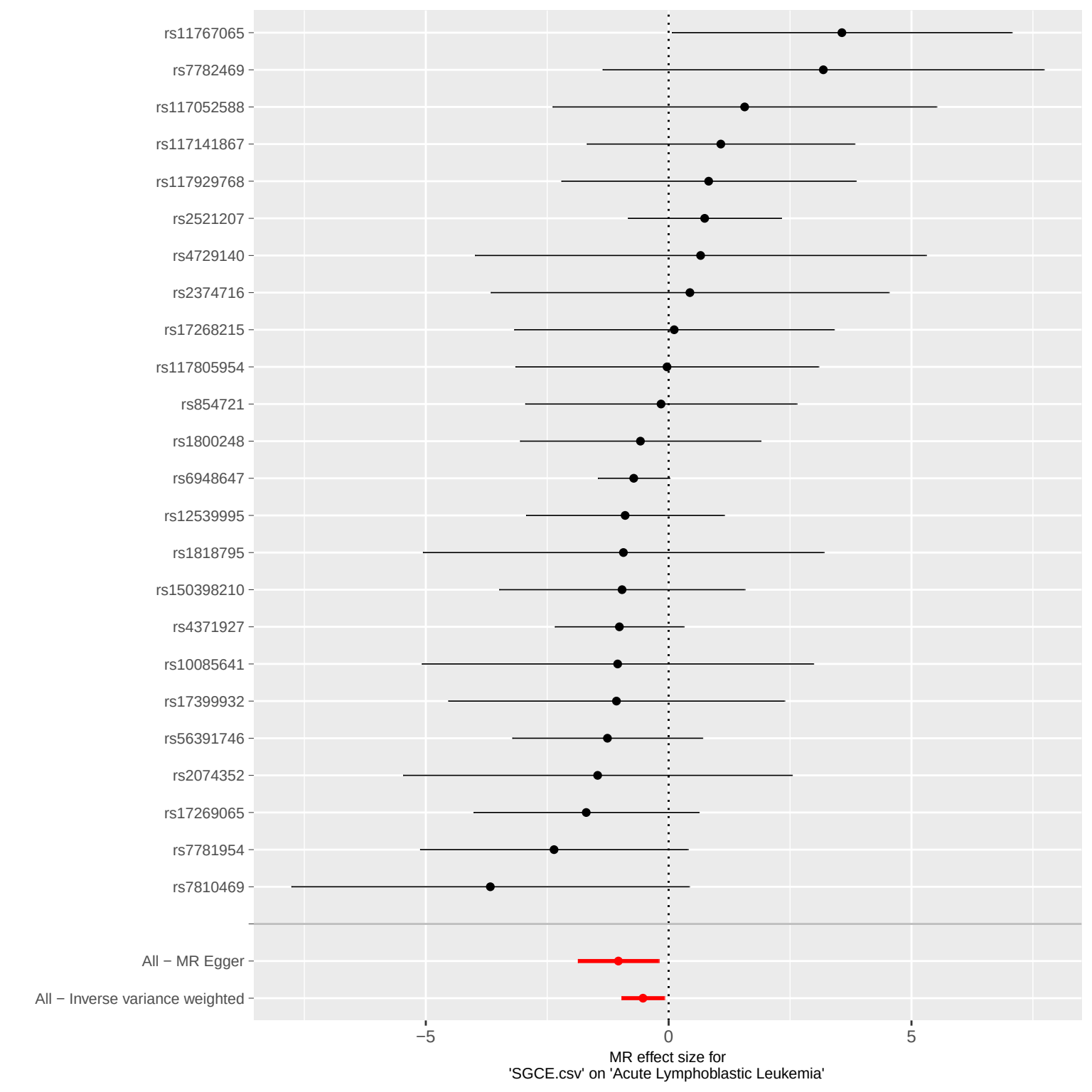
rs4710030
rs4710032
rs9459622
rs4235955
rs79864715
rs6924775
rs2461723
rs62439096
rs117351628
rs12191010
rs9356478
rs10806836
rs9459664
rs6456073
rs6910073
rs9459655
rs926310
rs75445610
rs74650519
rs10946143
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SFT2D1.csv' on 'Acute Lymphoblastic Leukemia'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rs4371927
rs10085641
rs17399932
rs56391746
rs2074352
rs17269065
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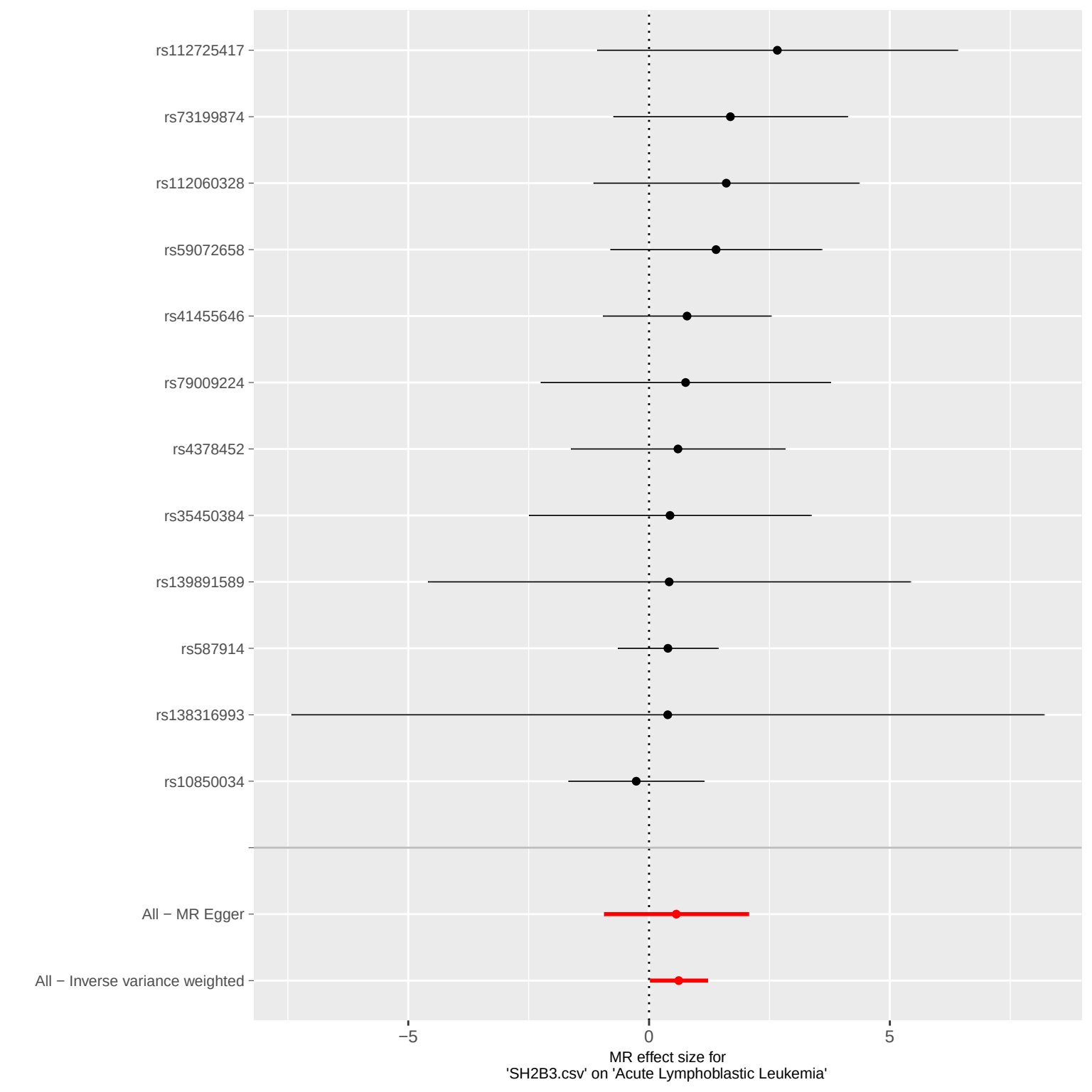
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SGCE.csv' on 'Acute Lymphoblastic Leukemia'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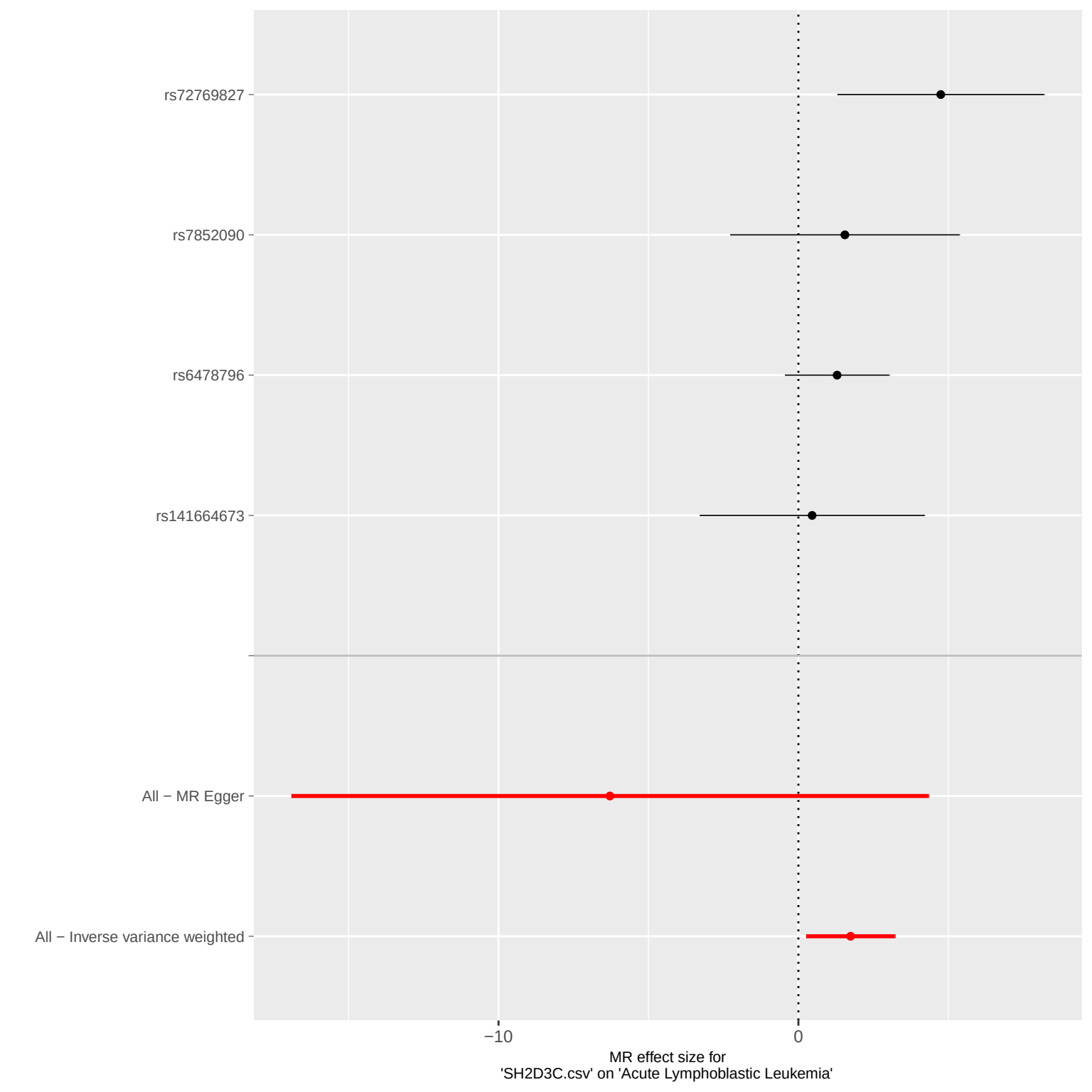
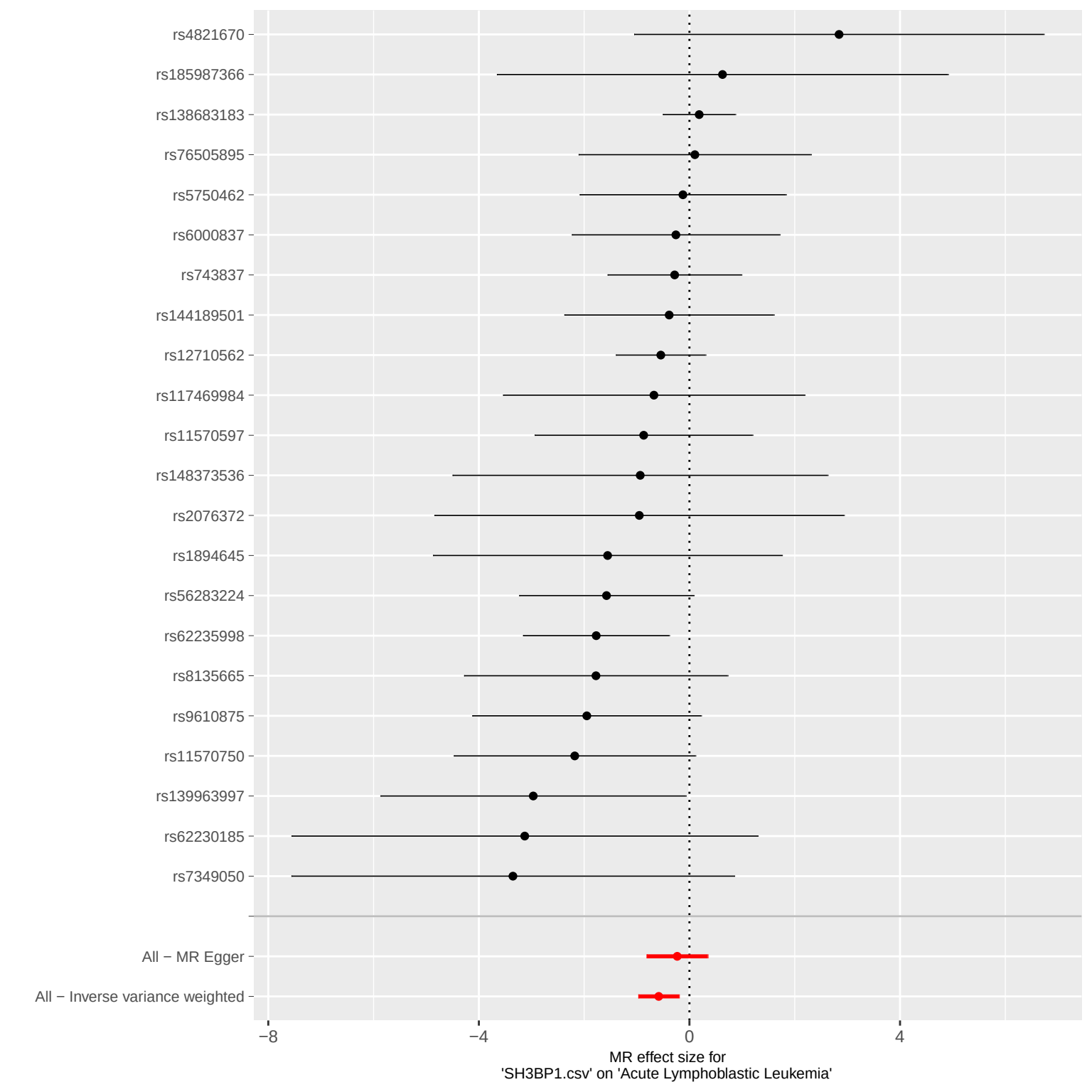
rs59072658
rs41455646
rs79009224
rs4378452
rs35450384
rs139891589
rs587914
rs138316993
rs10850034
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SH2B3.csv' on 'Acute Lymphoblastic Leukemia'


rs72769827
rs7852090
rs6478796
rs141664673
All − MR Egger
All − Inverse variance weighted
−10
0
MR effect size for
'SH2D3C.csv' on 'Acute Lymphoblastic Leukemia'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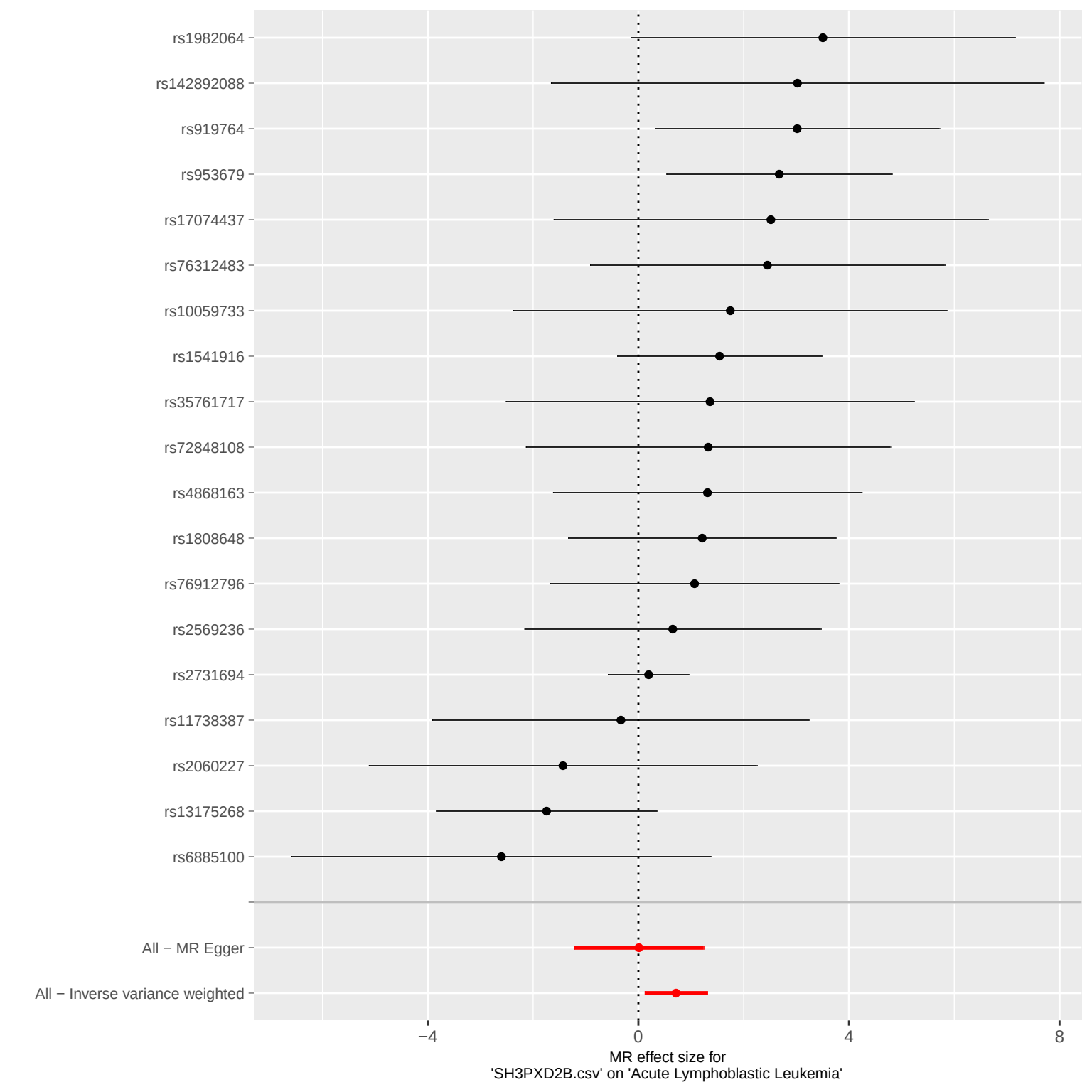
rs2076372
rs1894645
rs56283224
rs62235998
rs8135665
rs9610875
rs11570750
rs139963997
rs62230185
rs7349050
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SH3BP1.csv' on 'Acute Lymphoblastic Leukemia'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rs1808648
rs76912796
rs2569236
rs2731694
rs11738387
rs2060227
rs13175268
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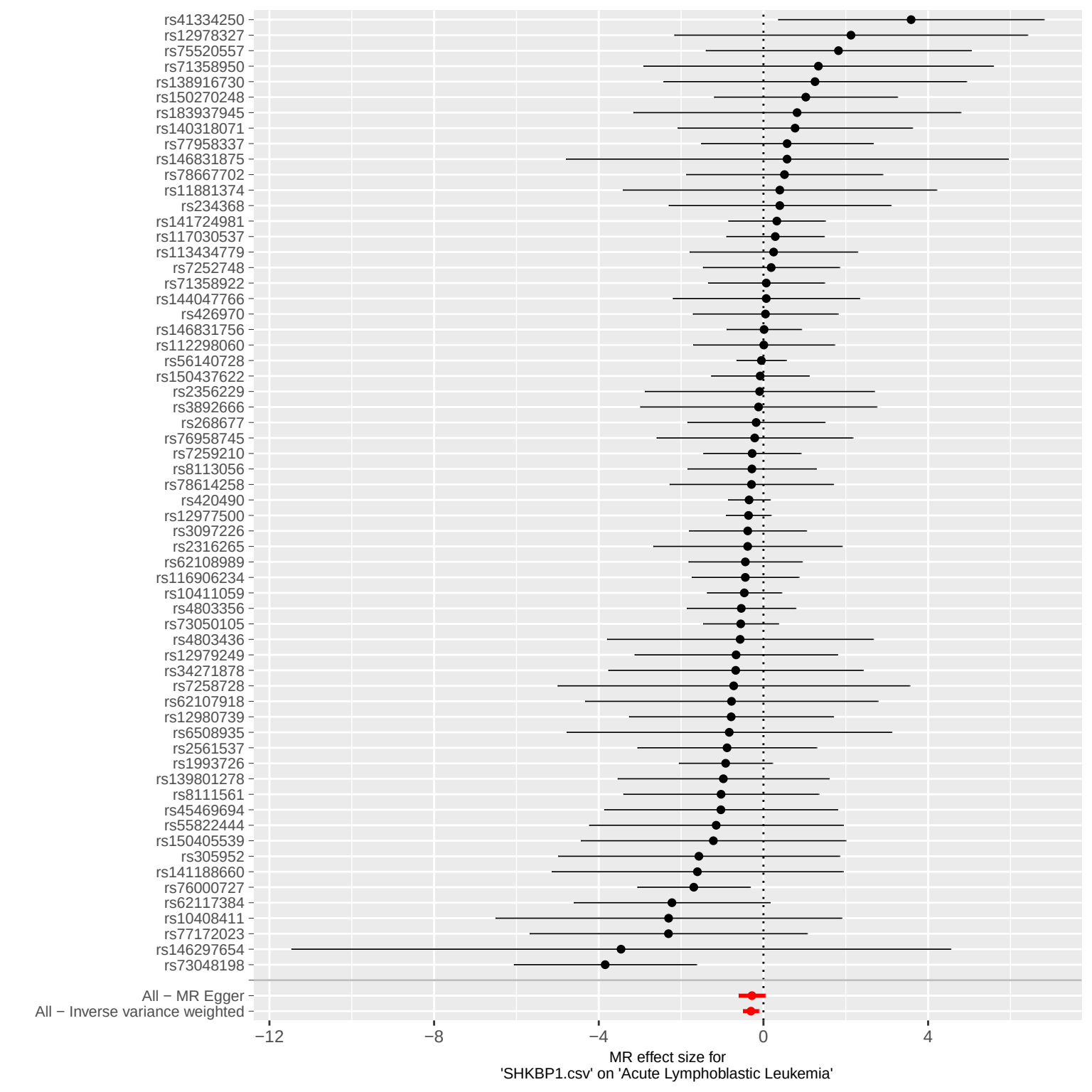
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'SH3PXD2B.csv' on 'Acute Lymphoblastic Leukemia'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rs78667702
rs11881374
rs234368
rs141724981
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rs71358922
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rs426970
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rs150437622
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rs268677
rs76958745
rs7259210
rs8113056
rs78614258
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rs12977500
rs3097226
rs2316265
rs62108989
rs116906234
rs10411059
rs4803356
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rs7258728
rs62107918
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MR effect size for
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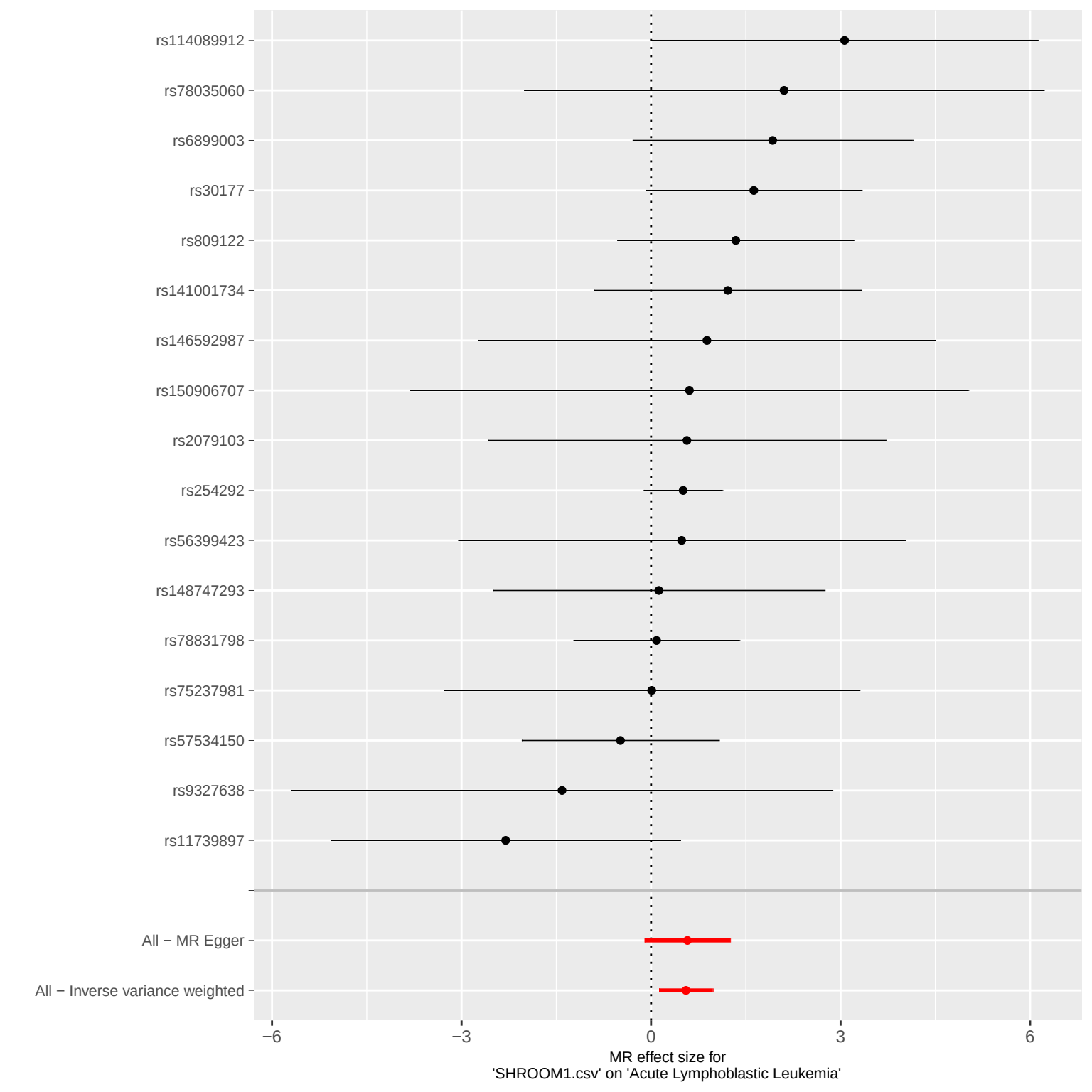
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MR effect size for
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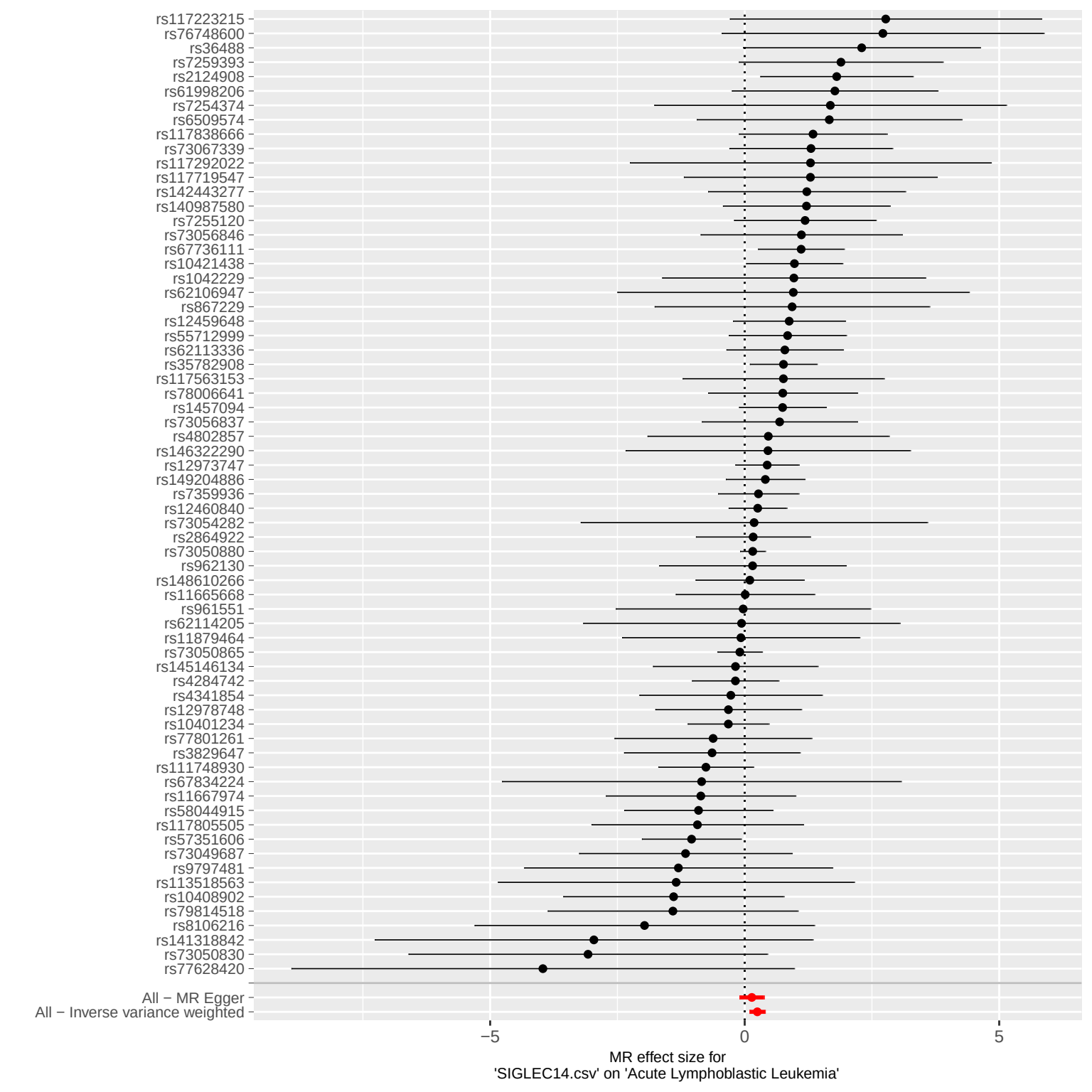
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All − Inverse variance weighted
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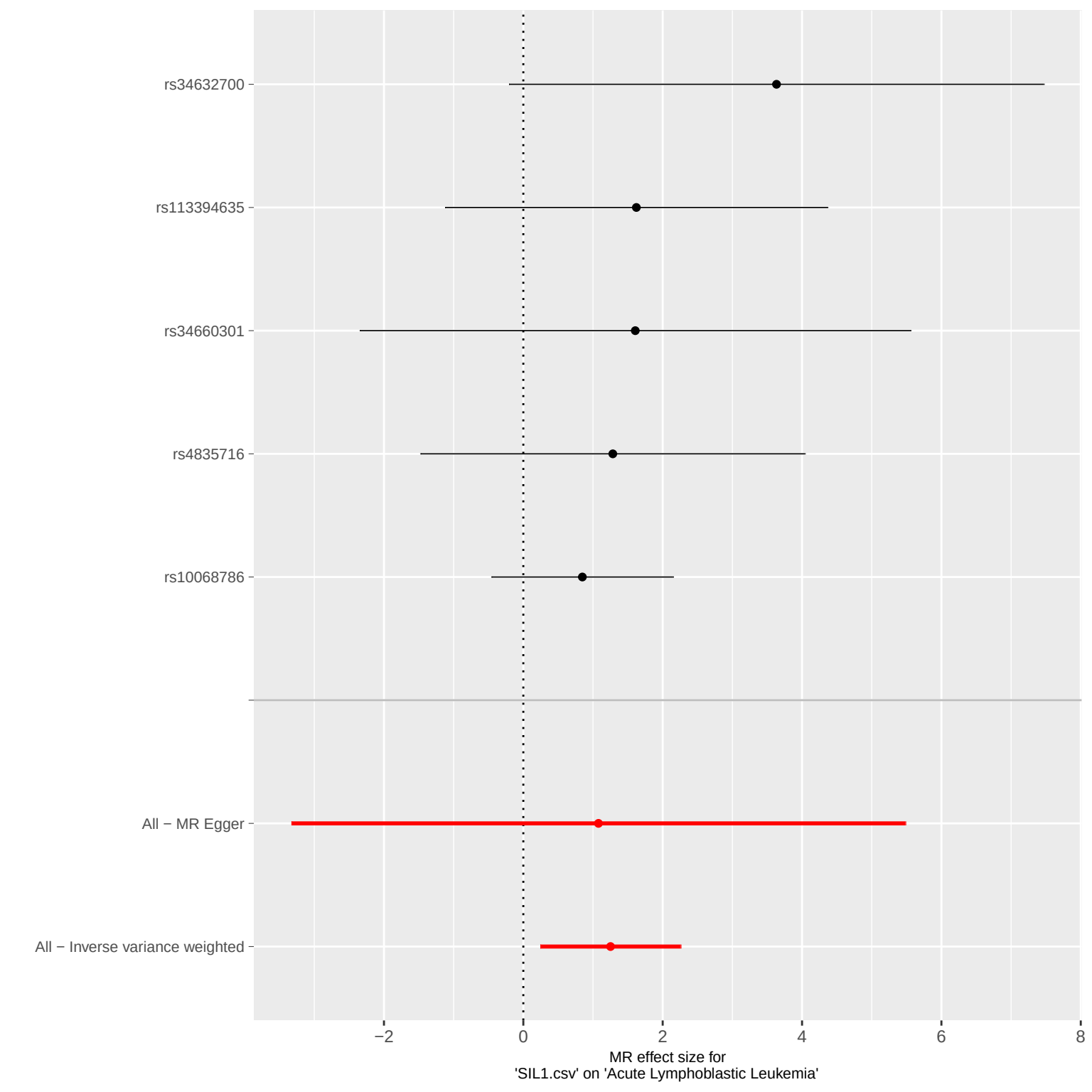
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MR effect size for
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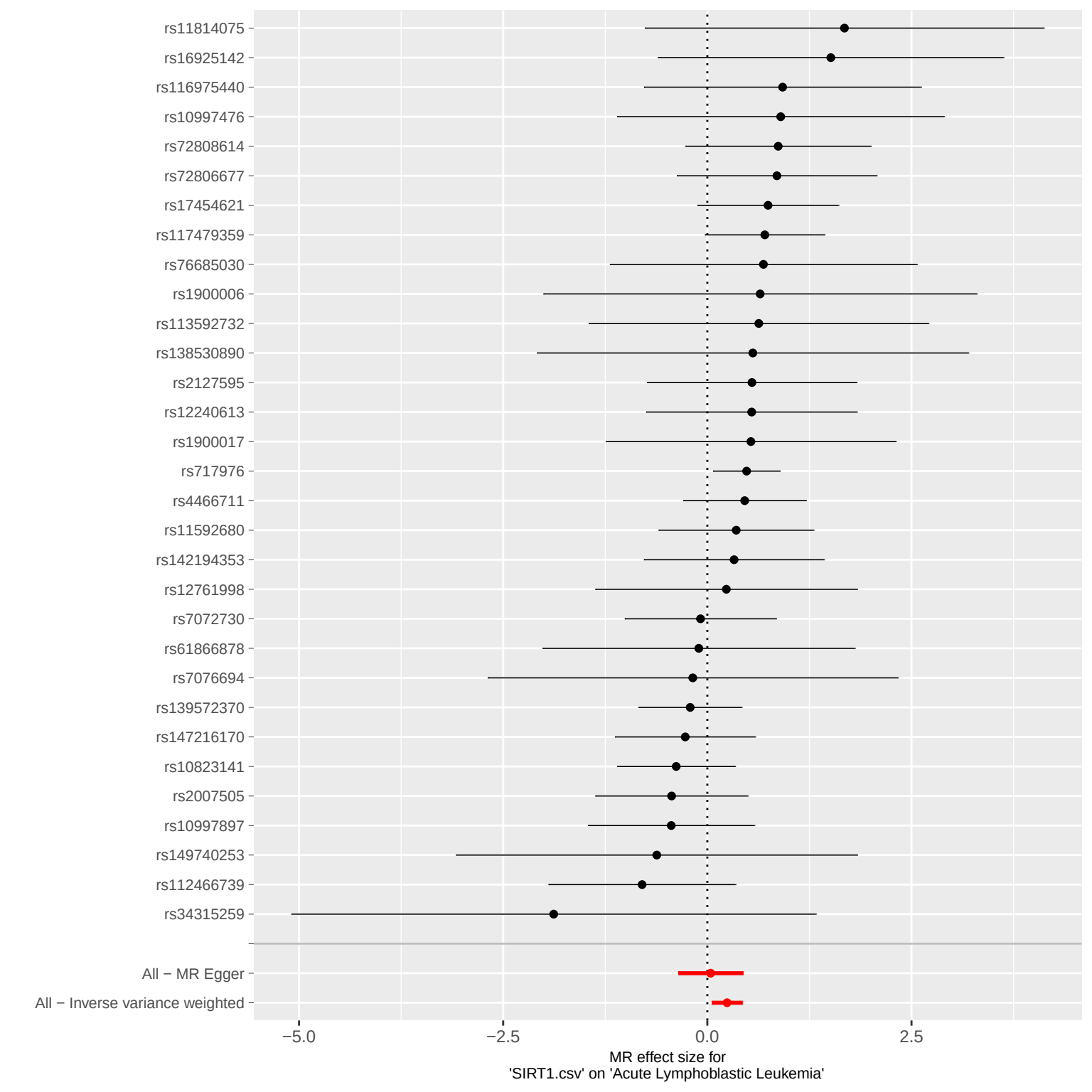
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MR effect size for
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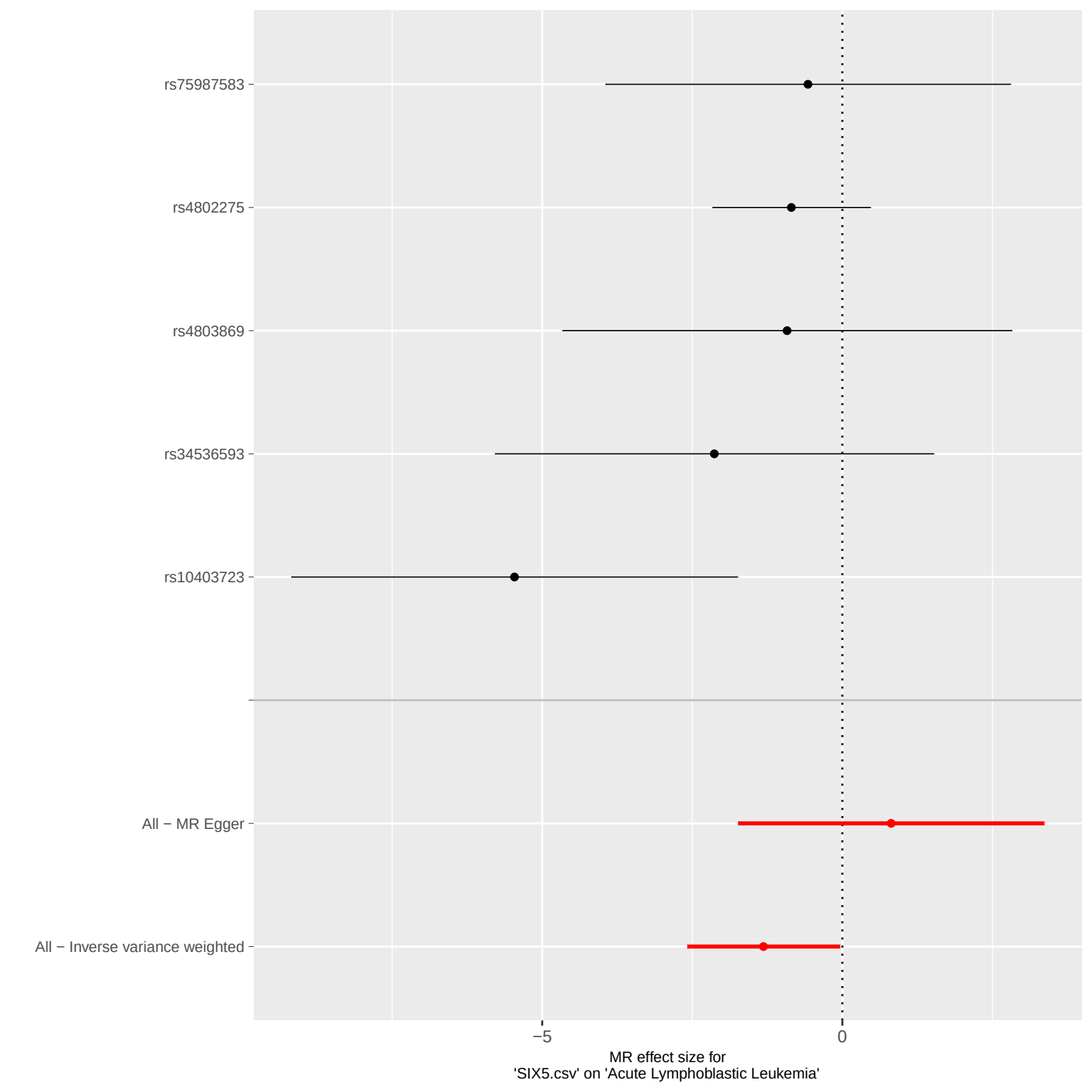
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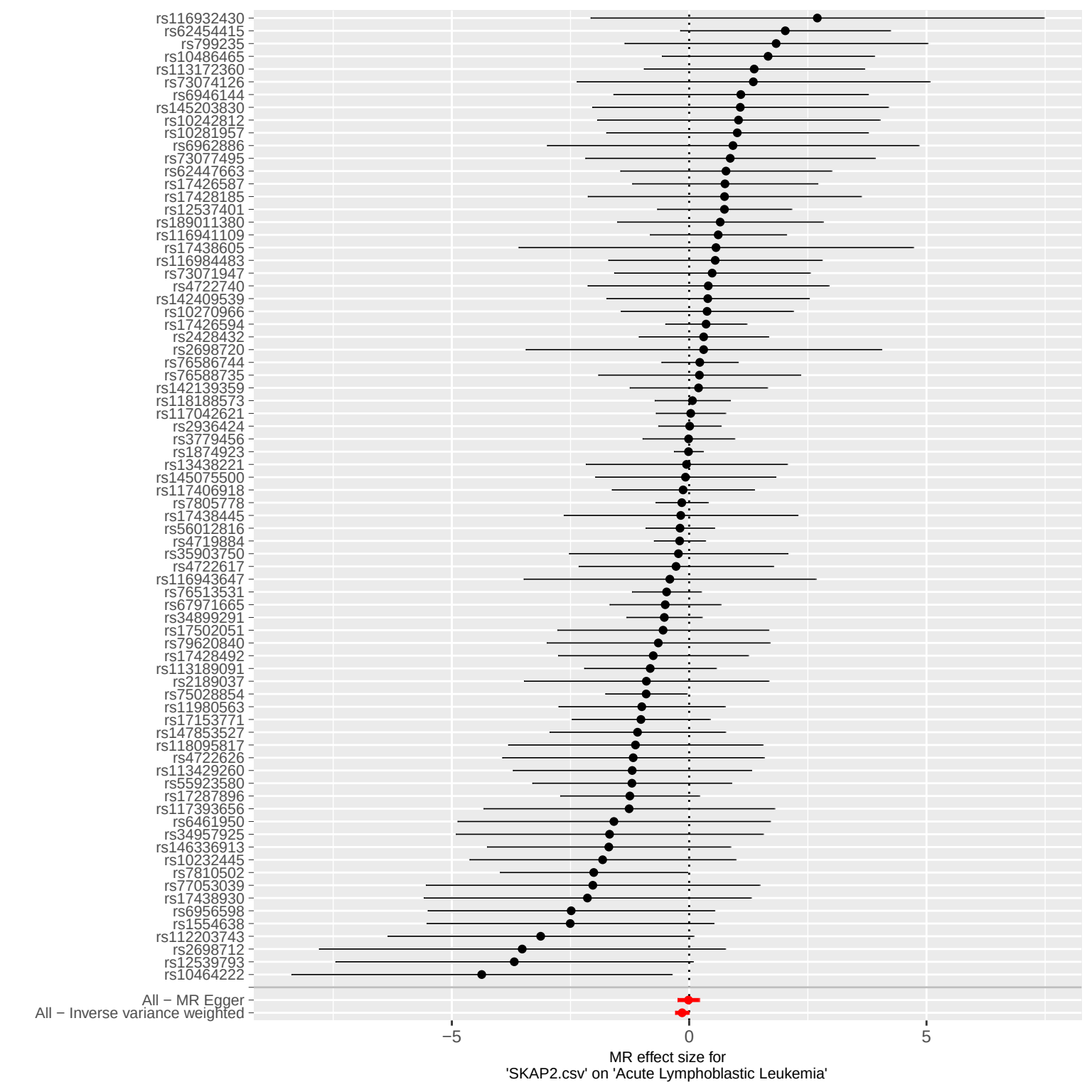
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MR effect size for
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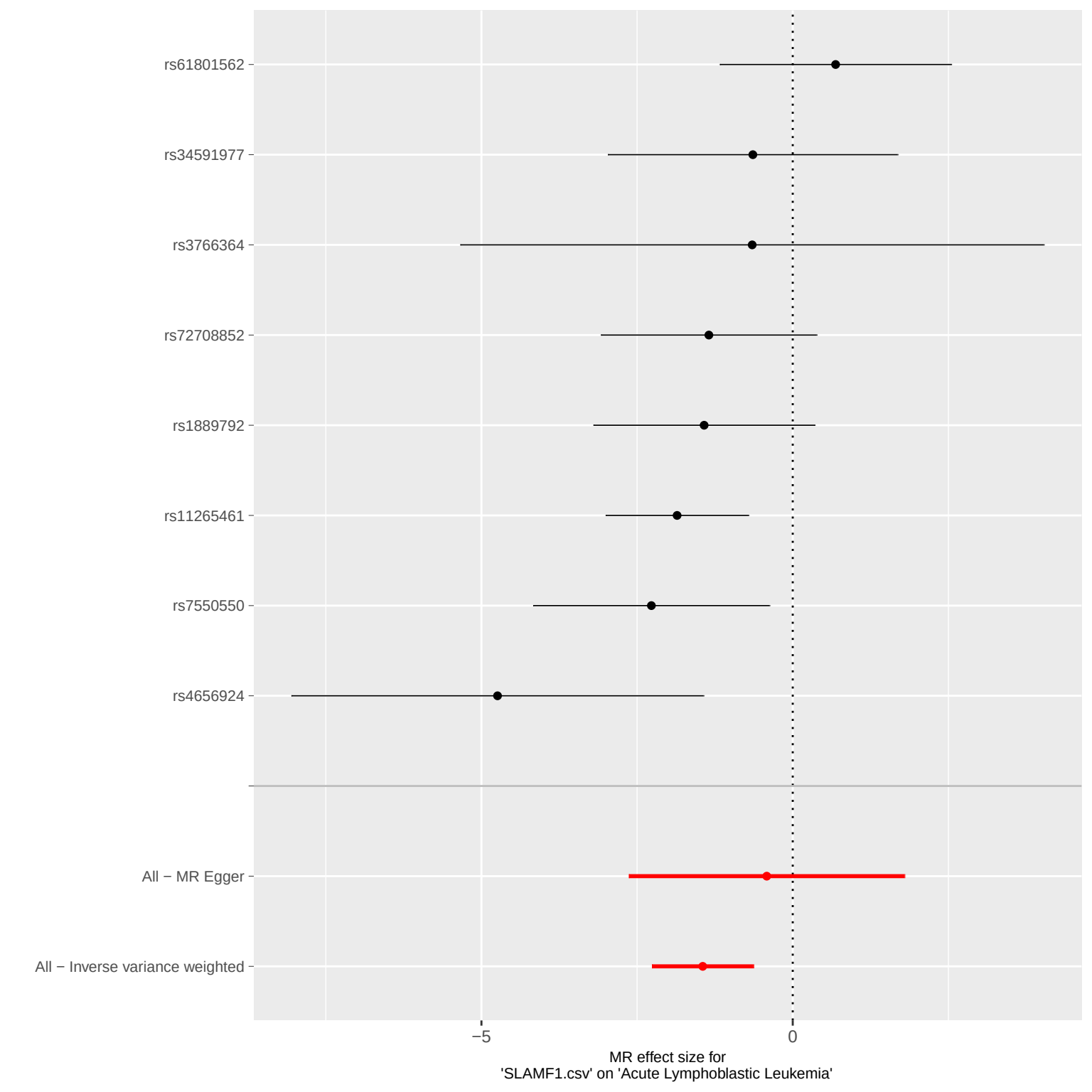
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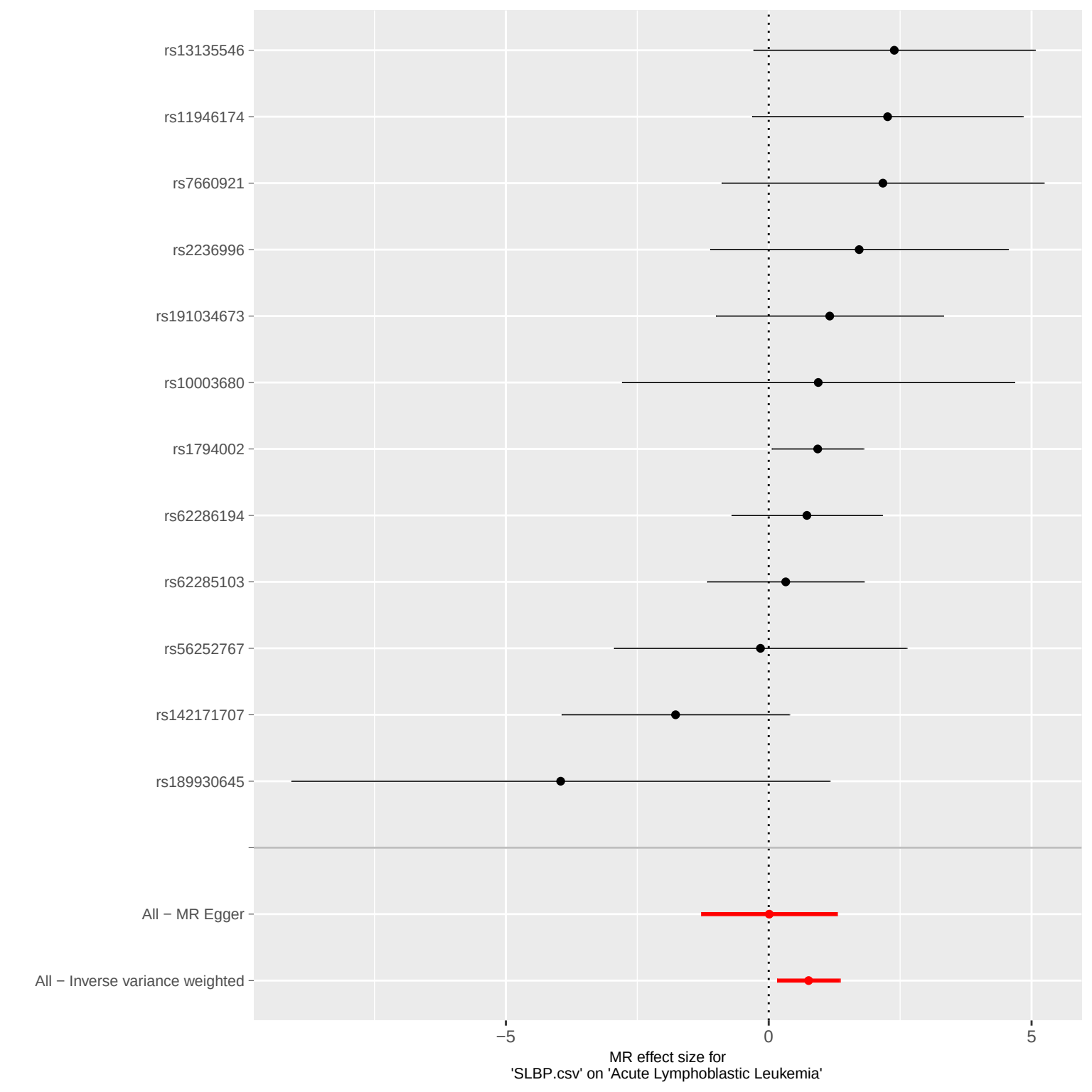
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MR effect size for
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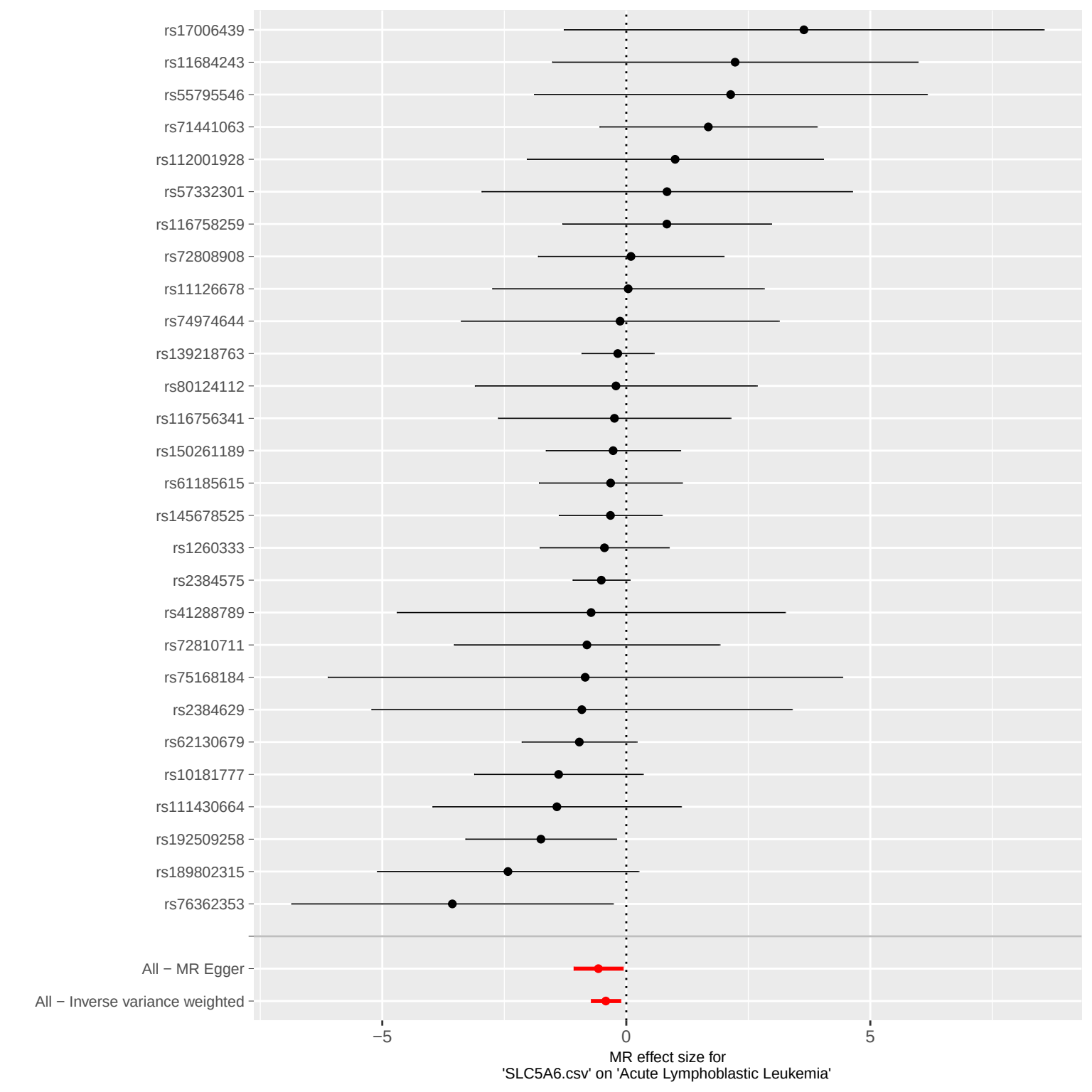
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MR effect size for
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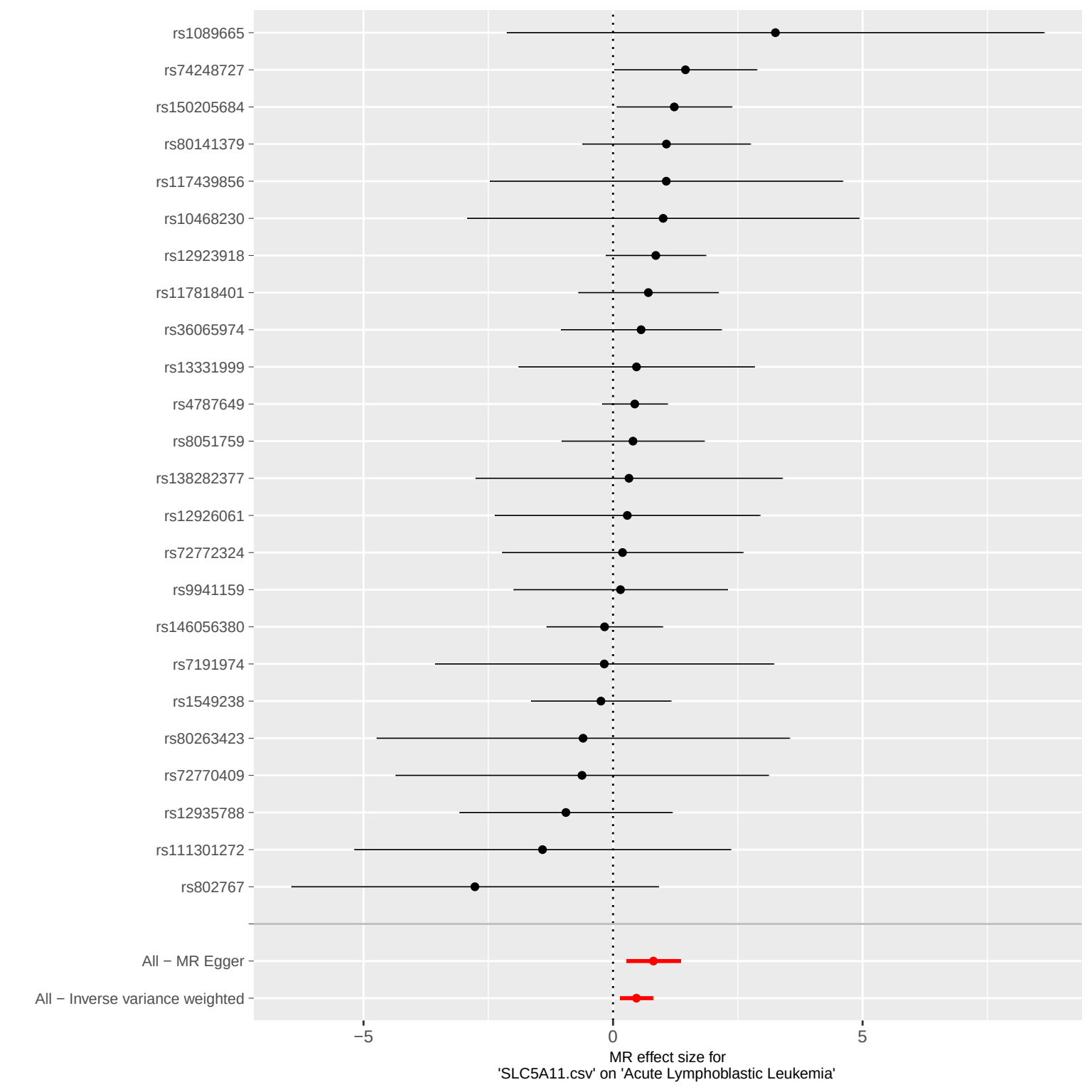
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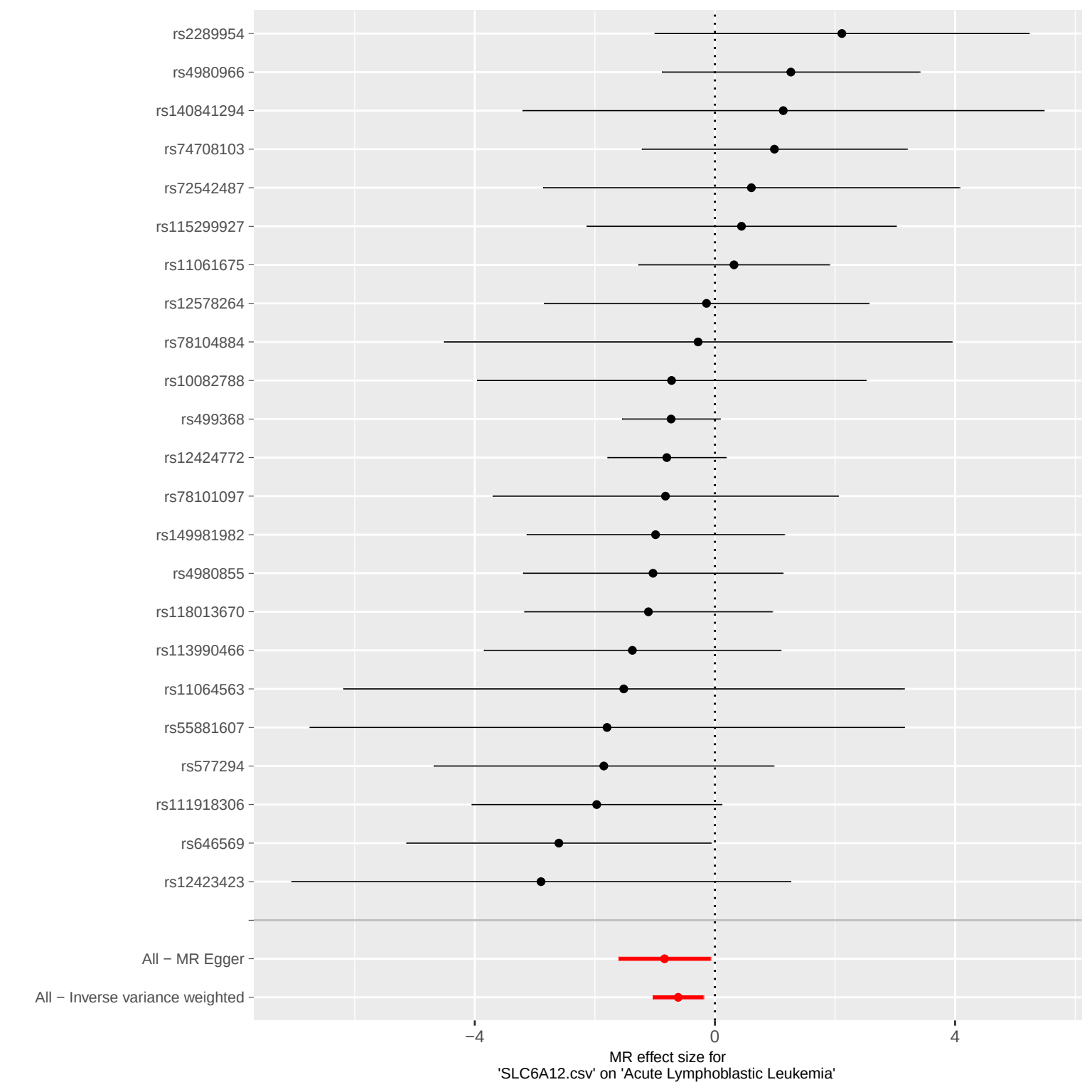
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All − Inverse variance weighted
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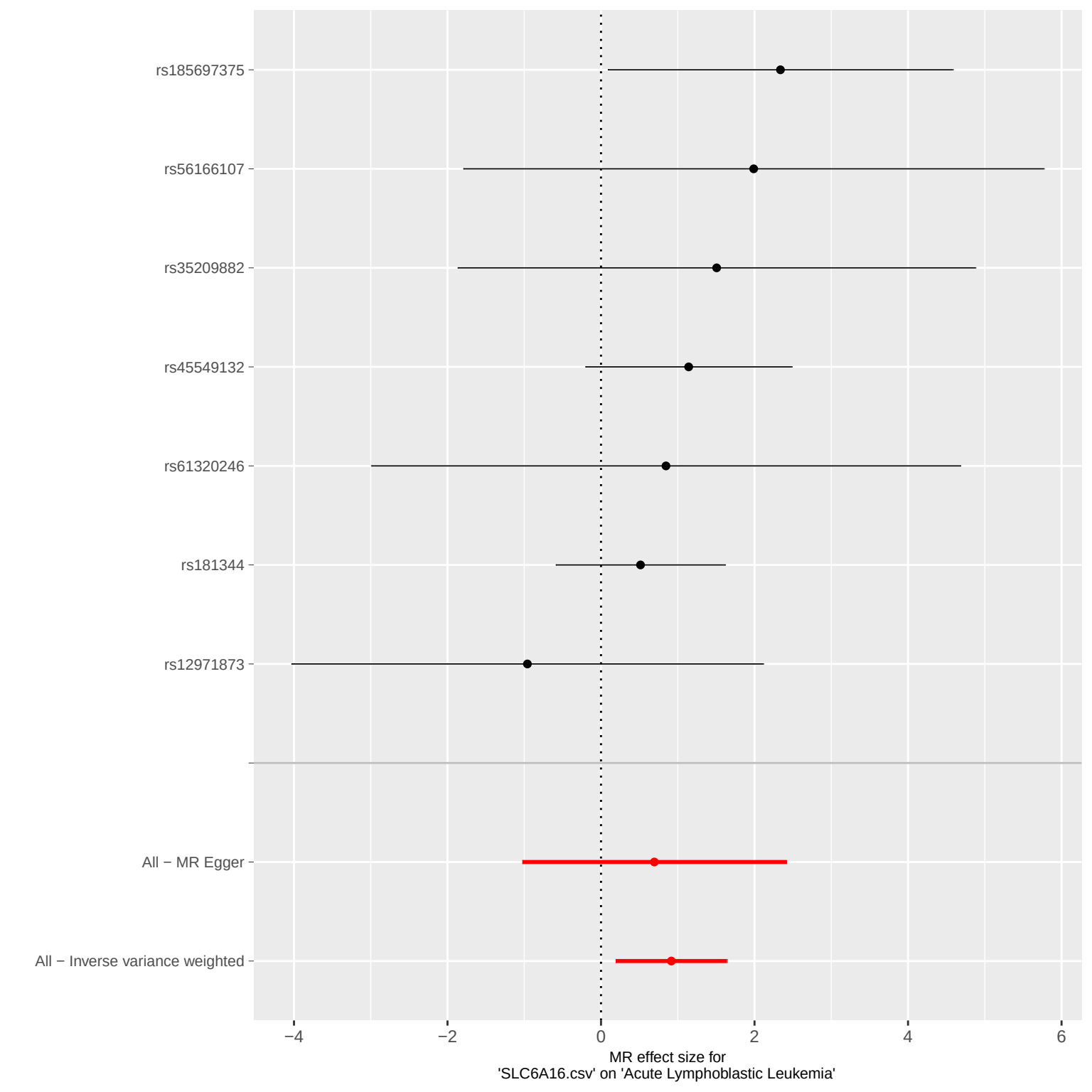
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All − MR Egger
All − Inverse variance weighted
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2
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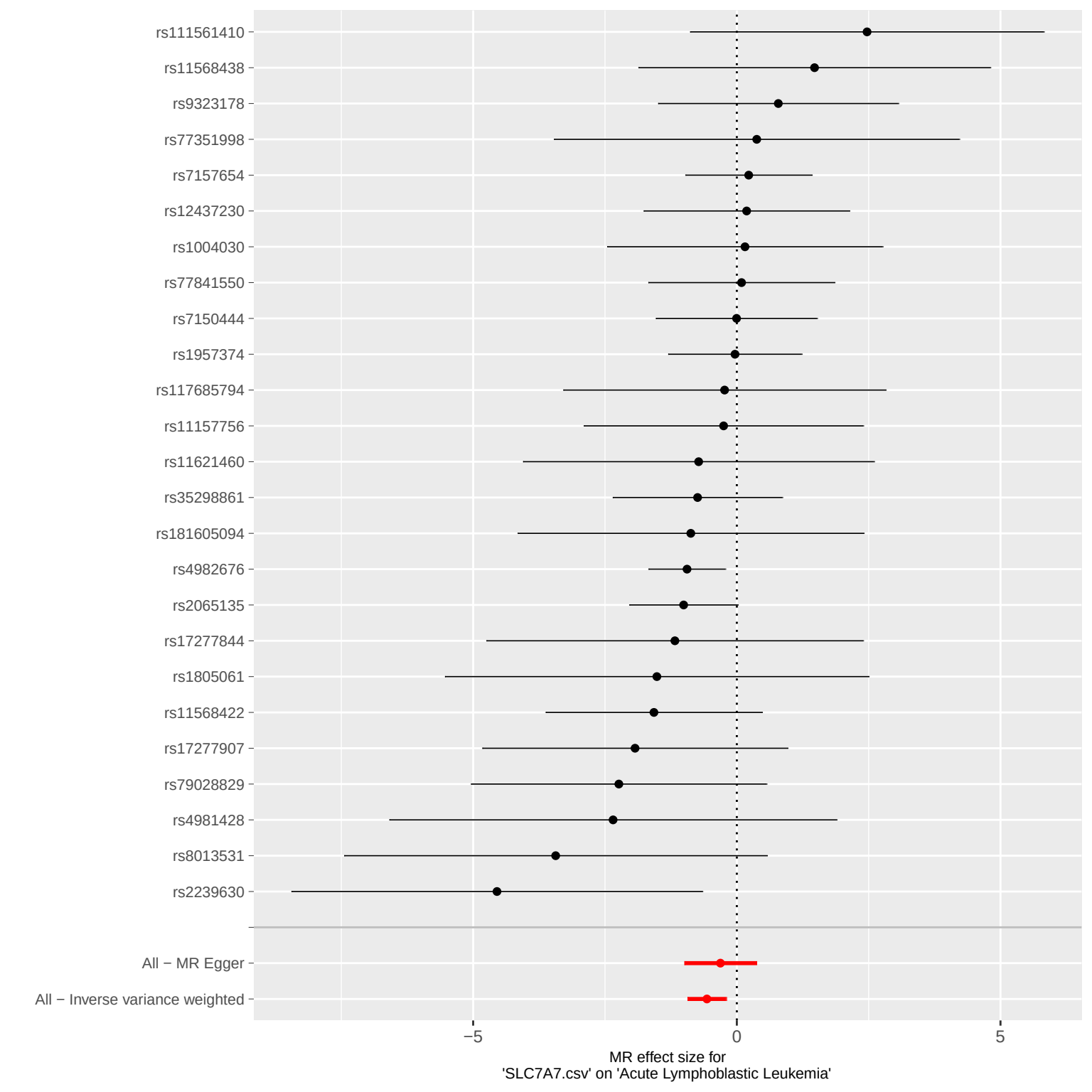
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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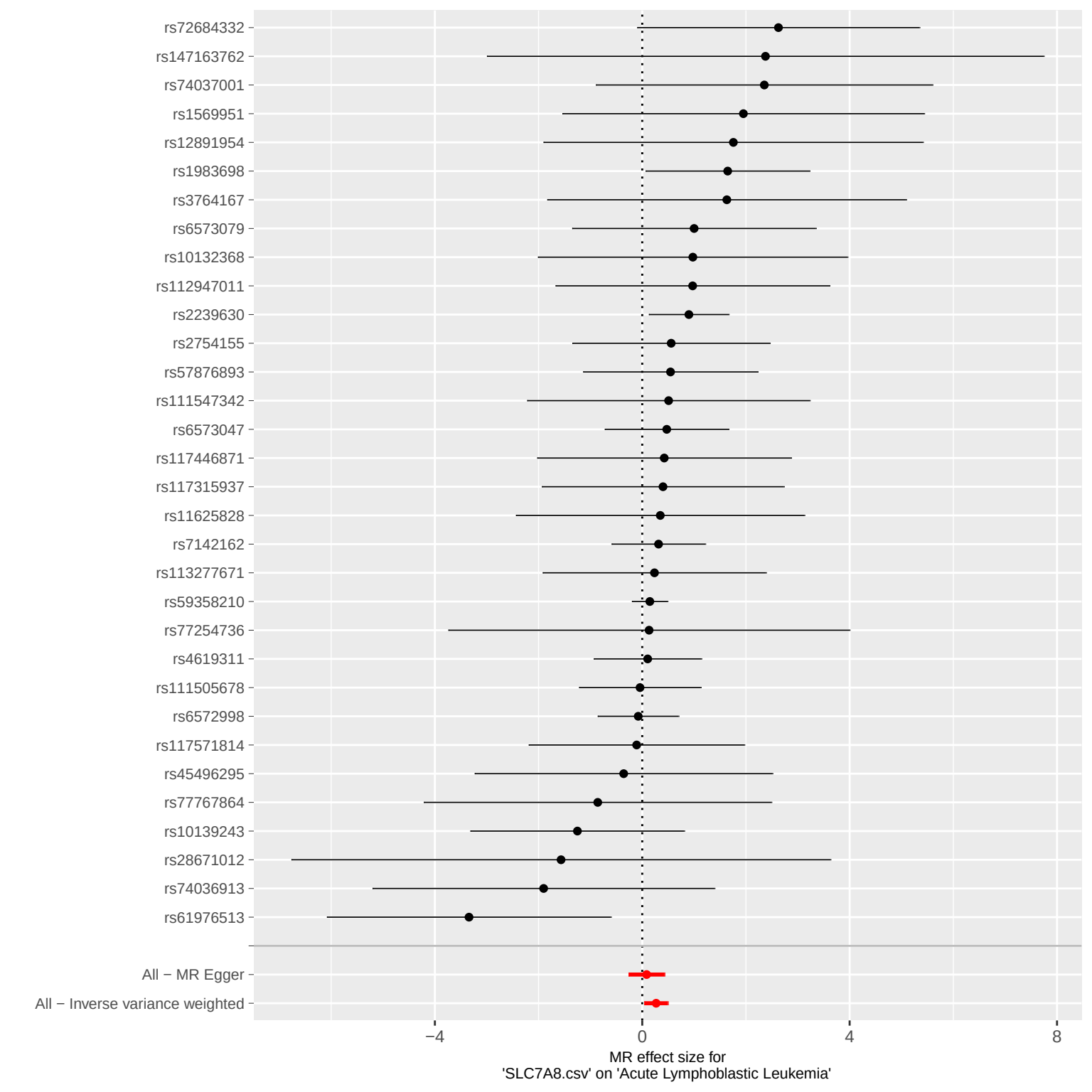
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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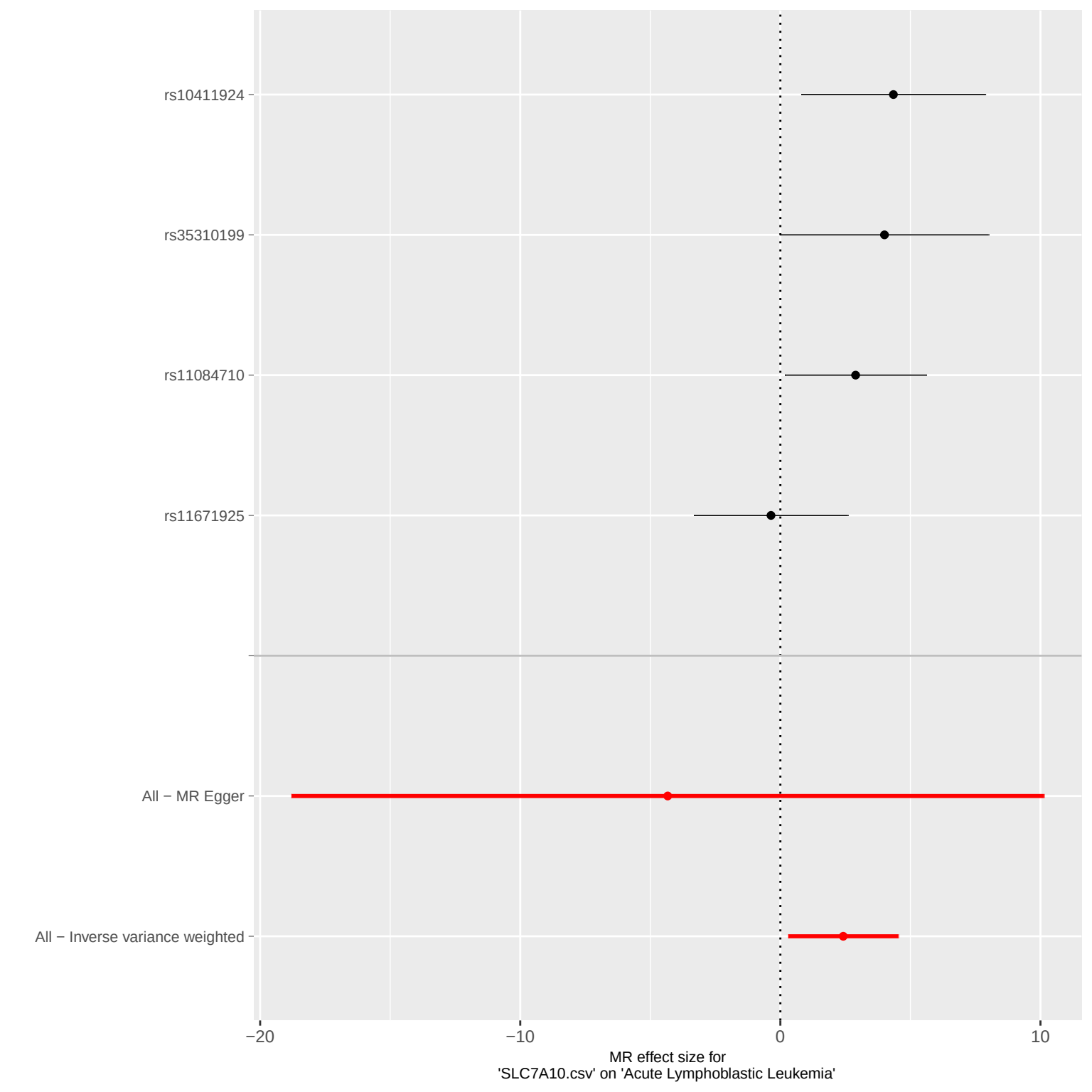
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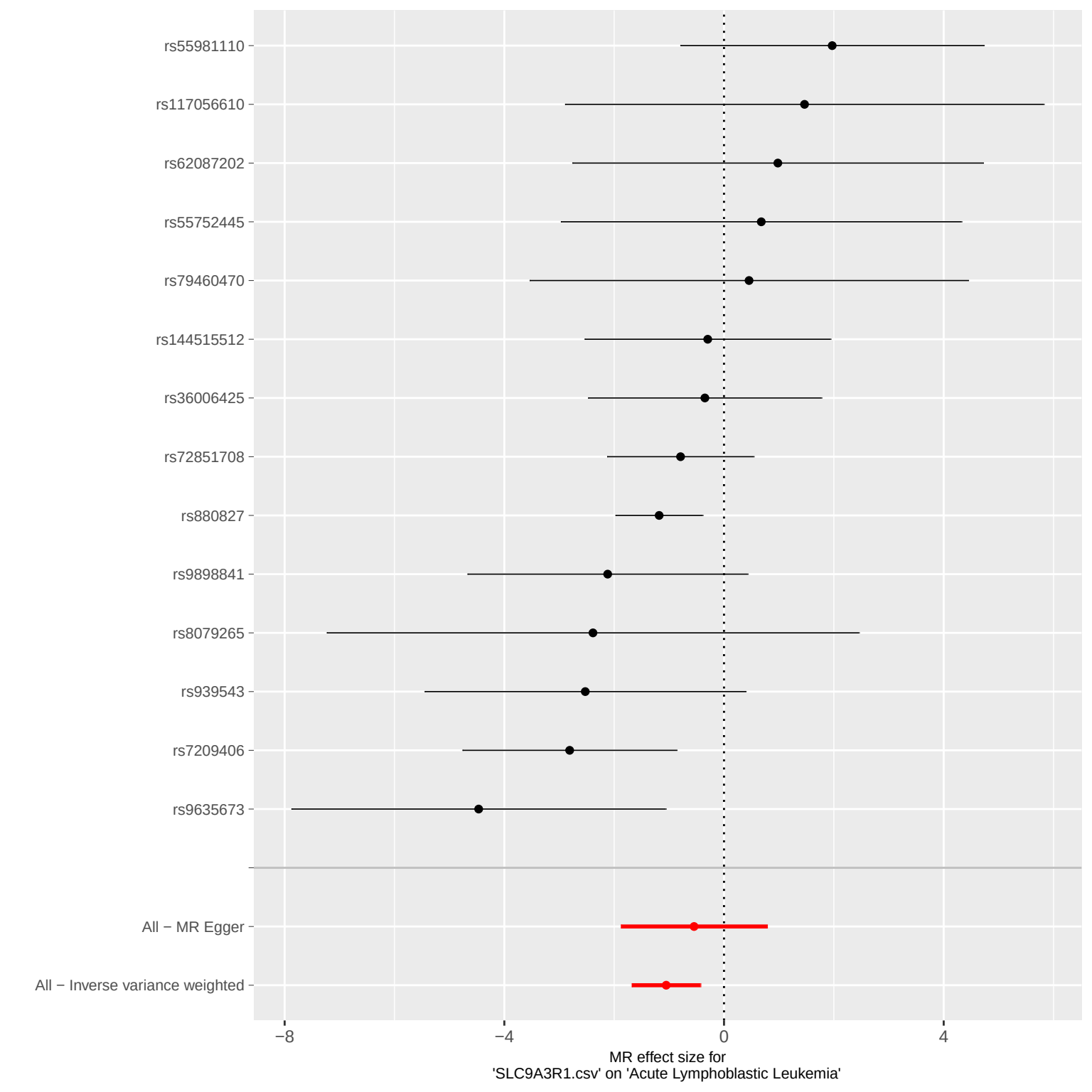
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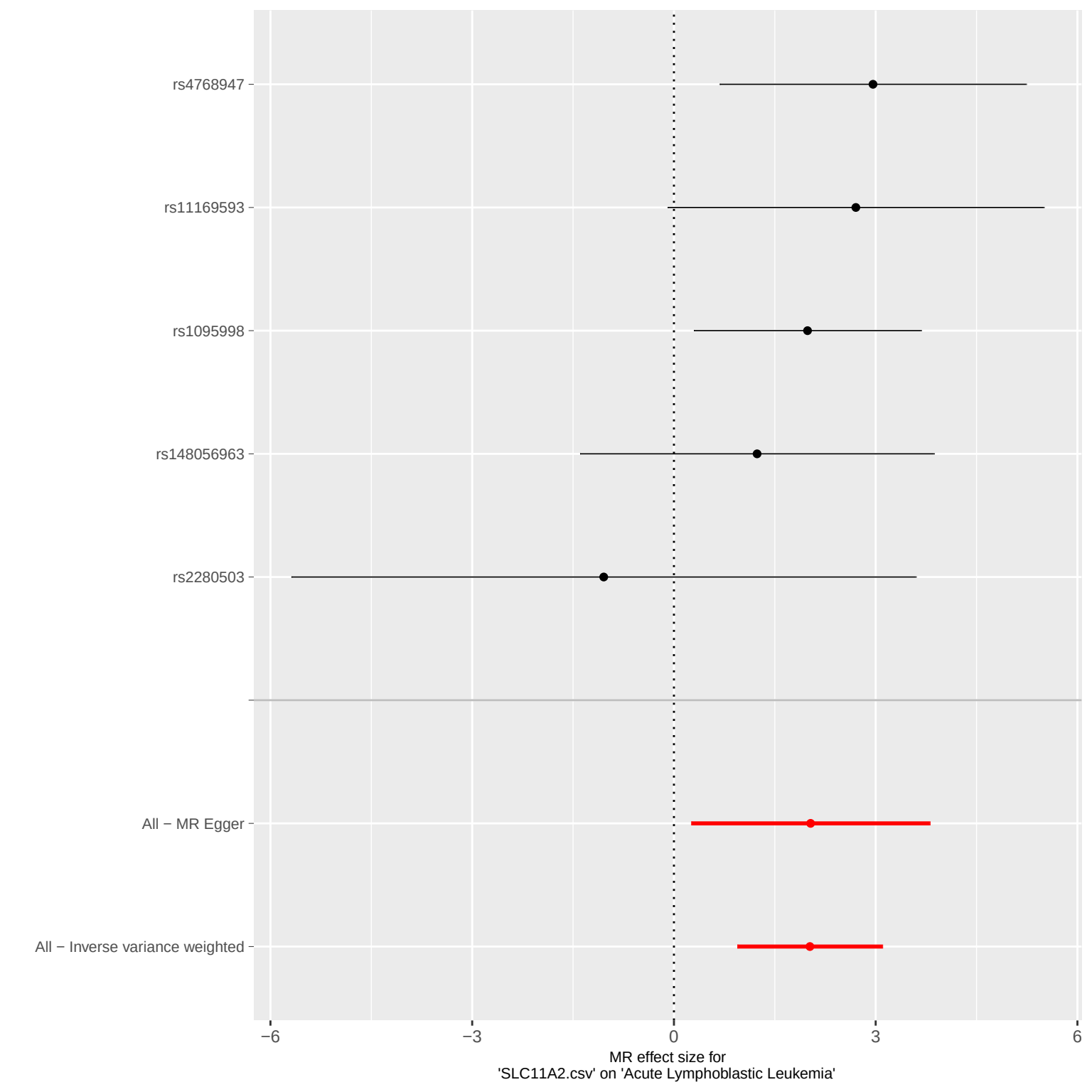
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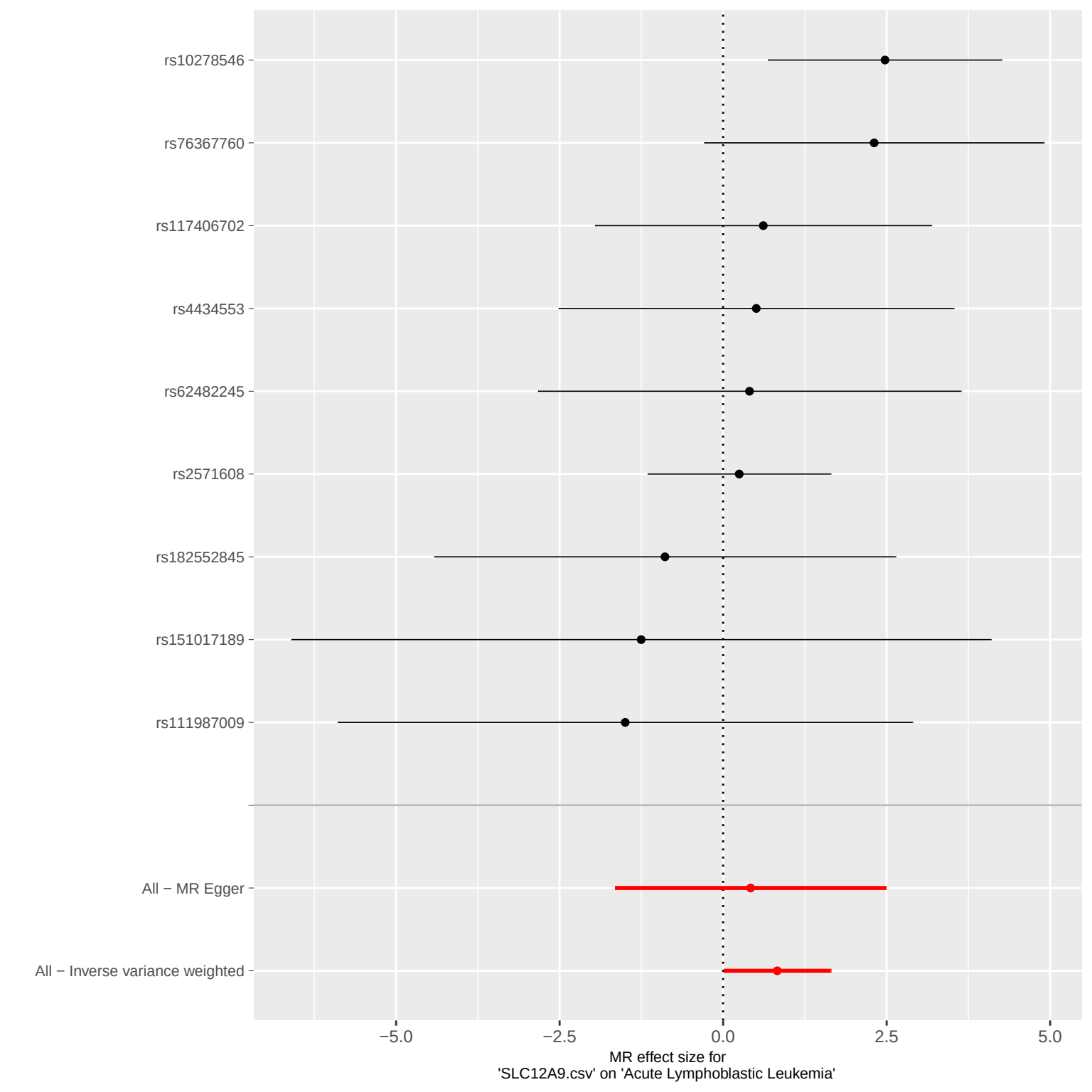
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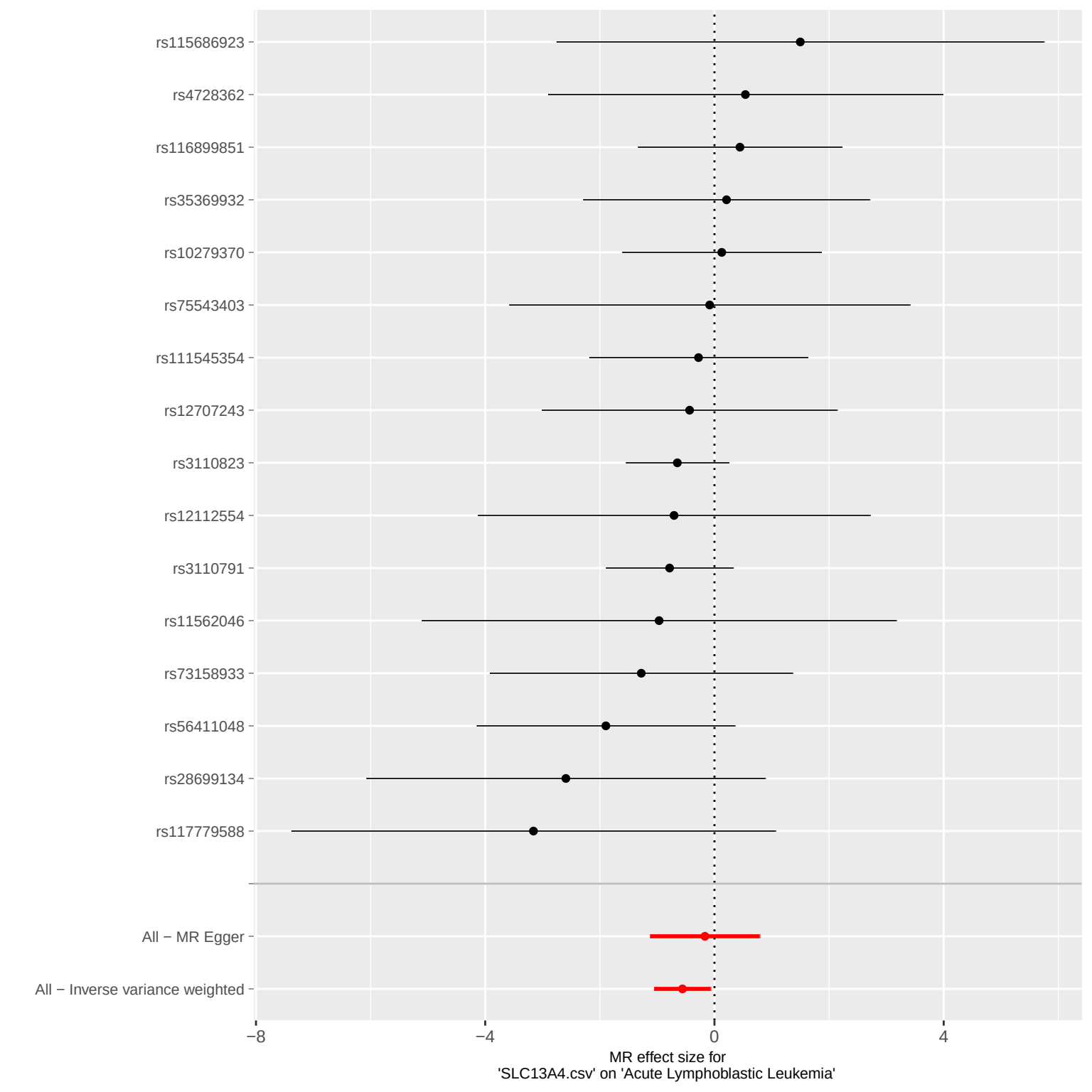
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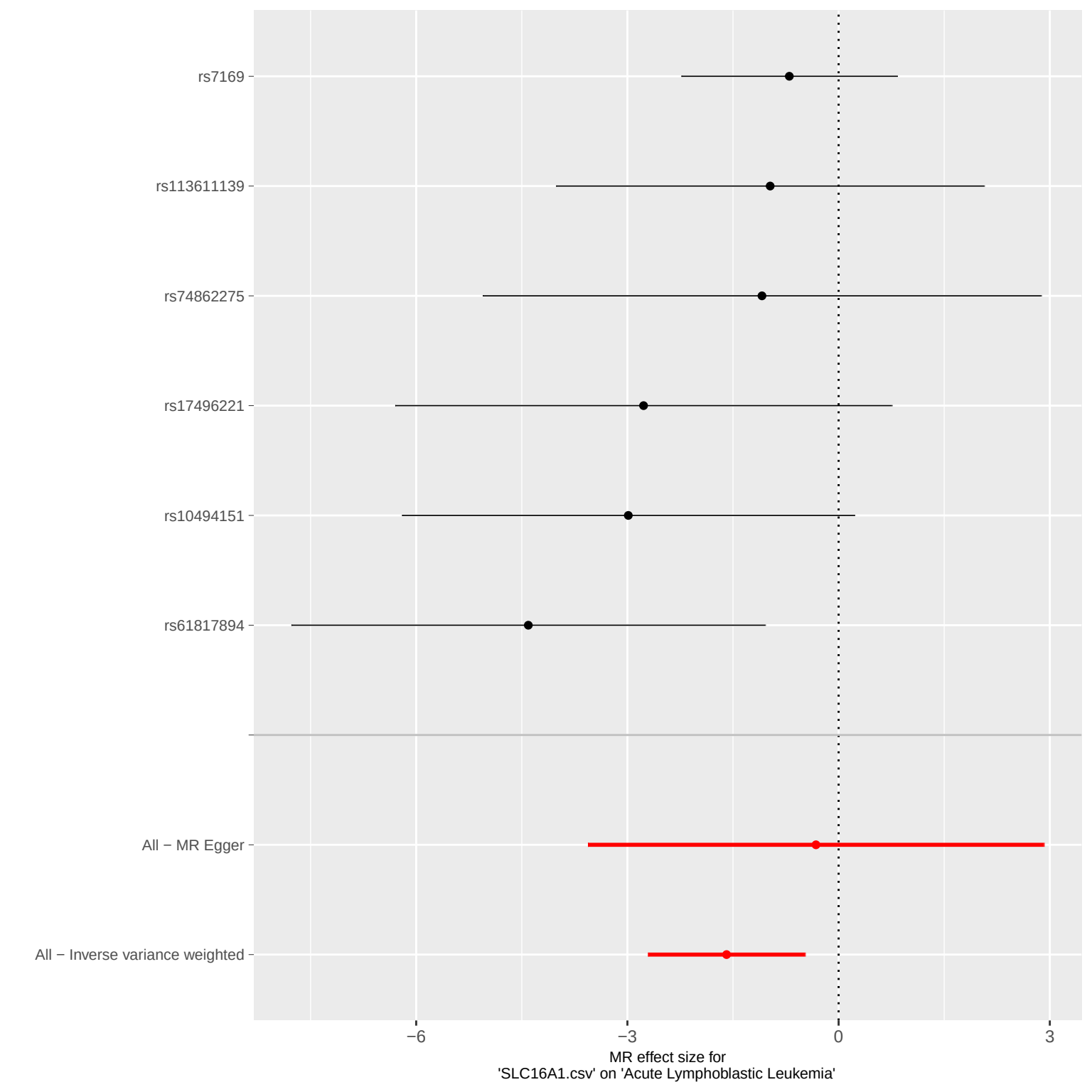
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All − MR Egger
All − Inverse variance weighted
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−3
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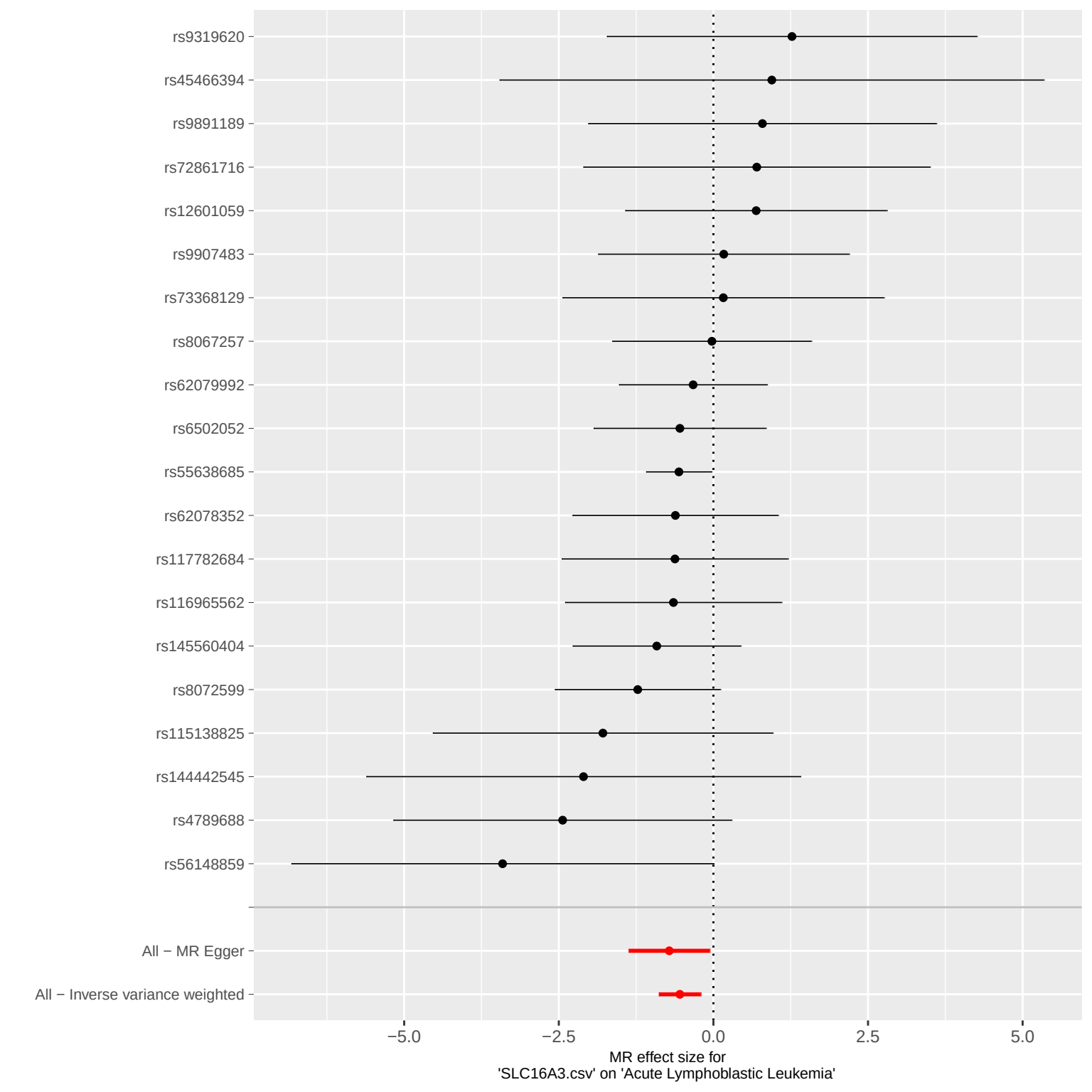
MR effect size for
'SLC16A1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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2.5
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MR effect size for
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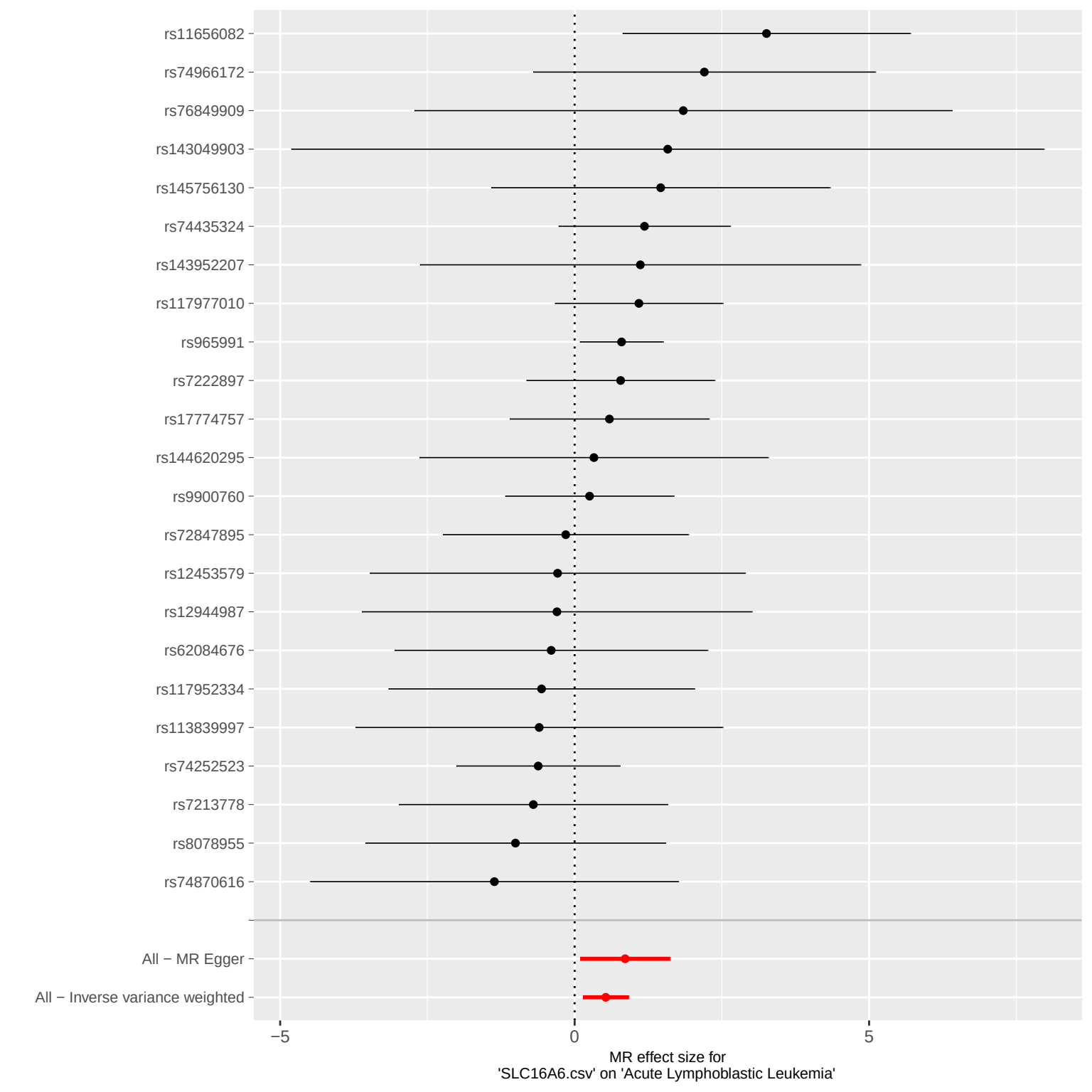
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All − MR Egger
All − Inverse variance weighted
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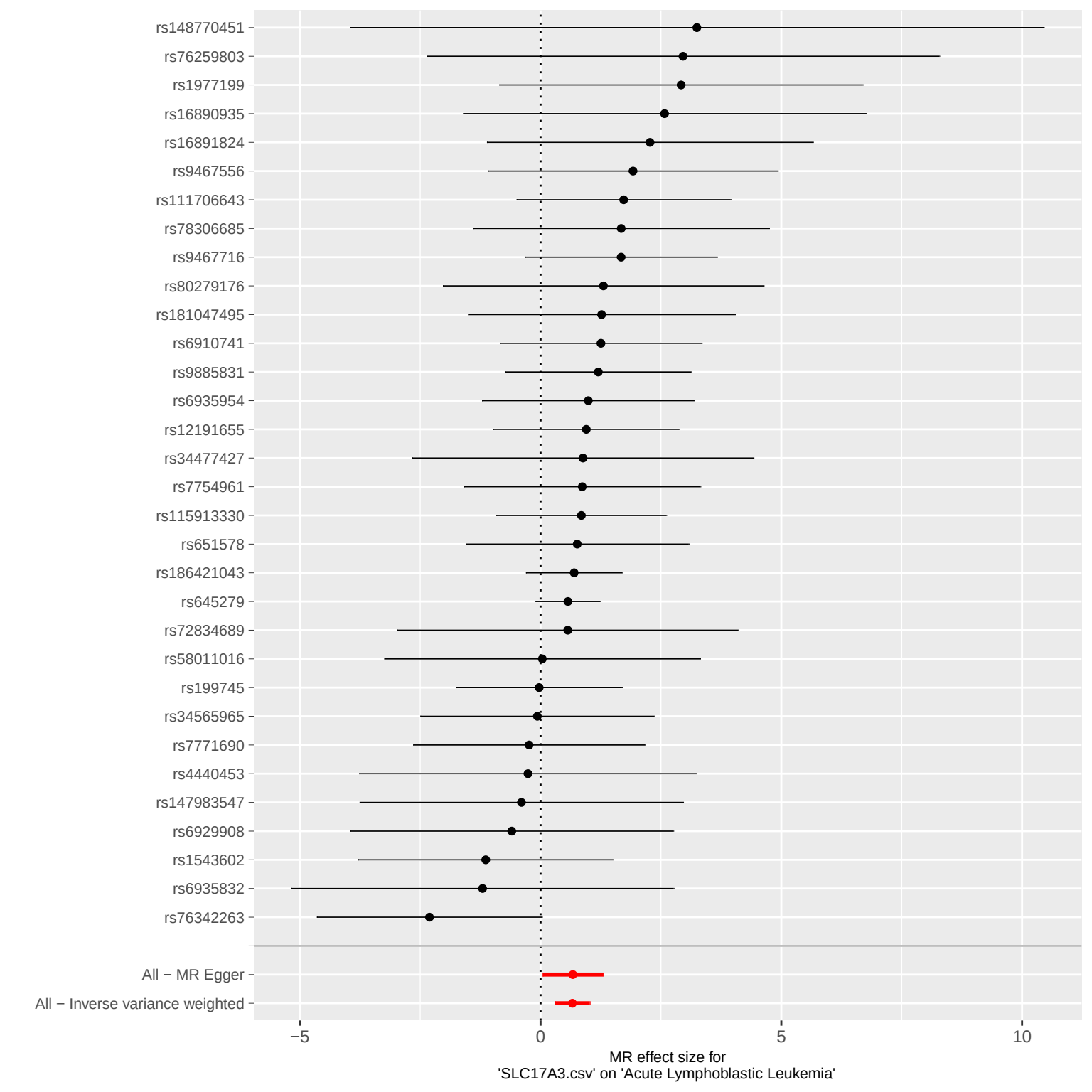
MR effect size for
'SLC16A6.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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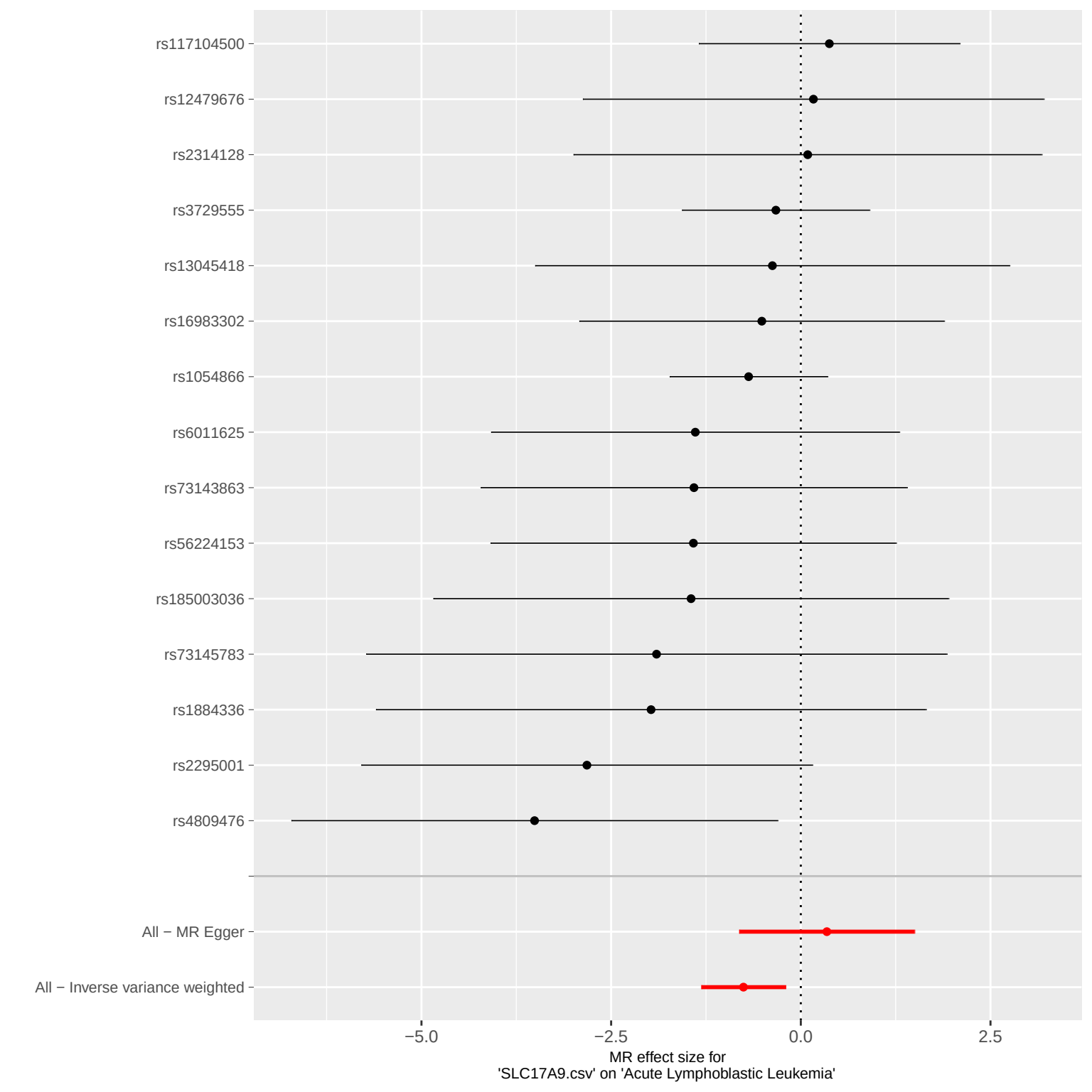
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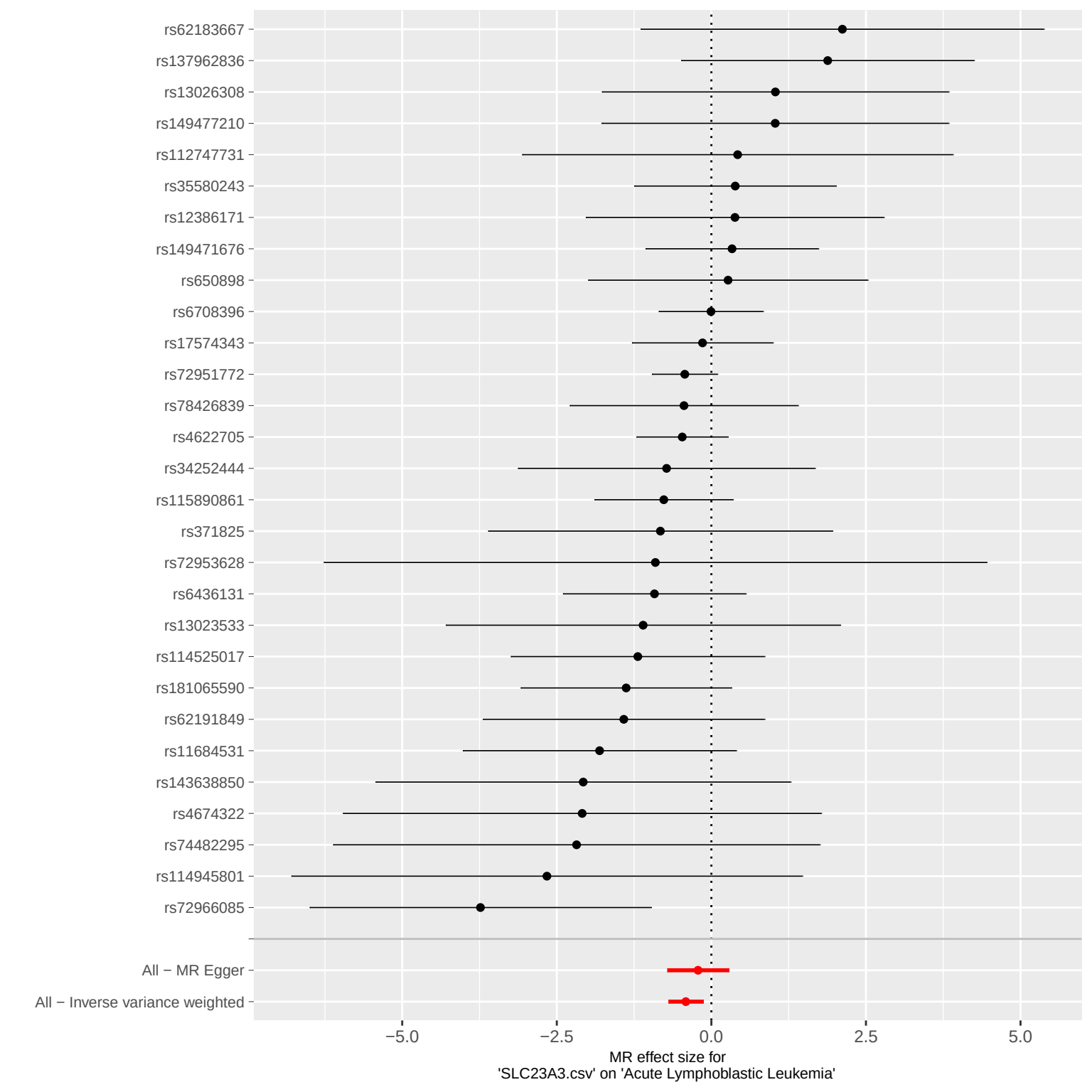
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All − MR Egger
All − Inverse variance weighted
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2.5
5.0
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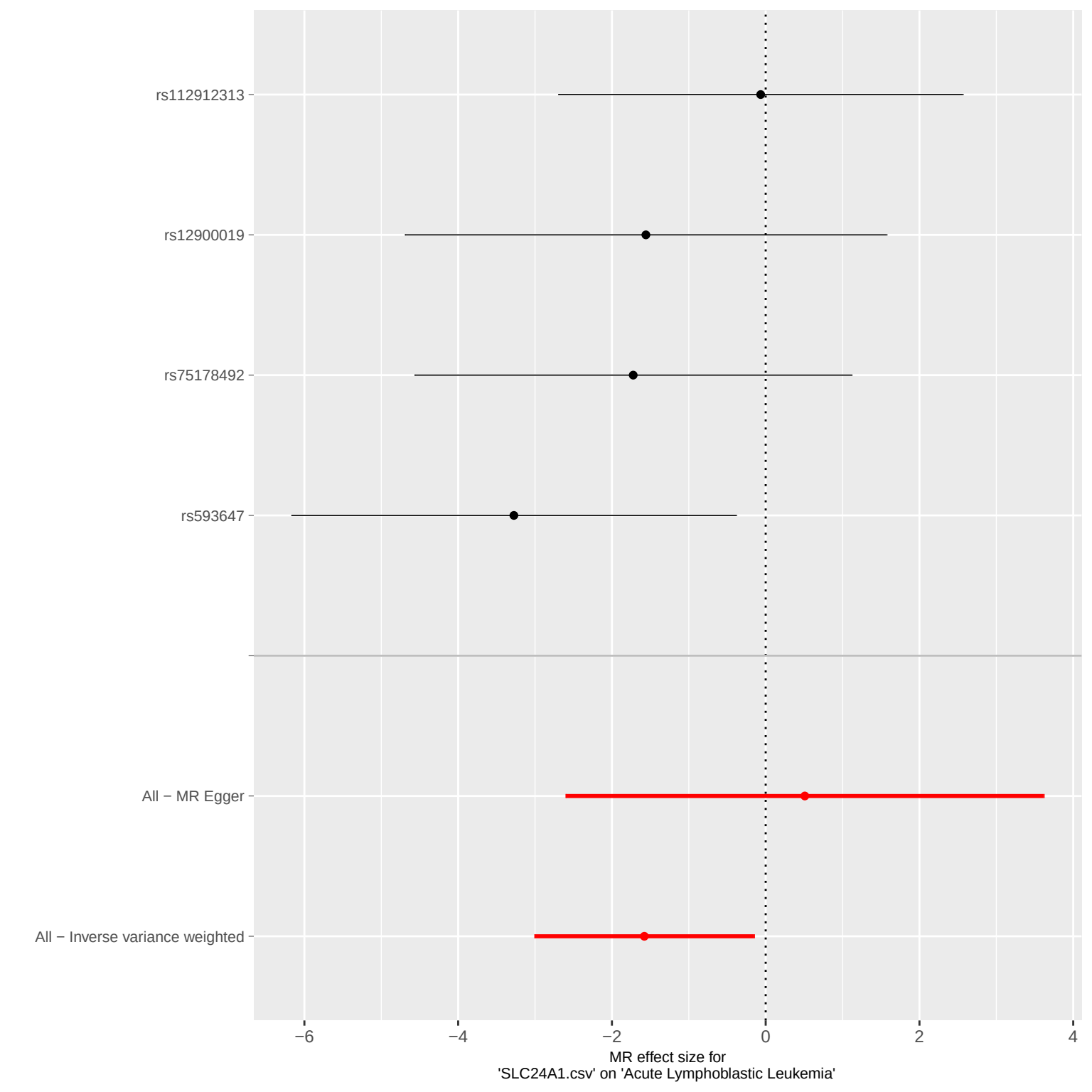
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rs593647
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All − Inverse variance weighted
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MR effect size for
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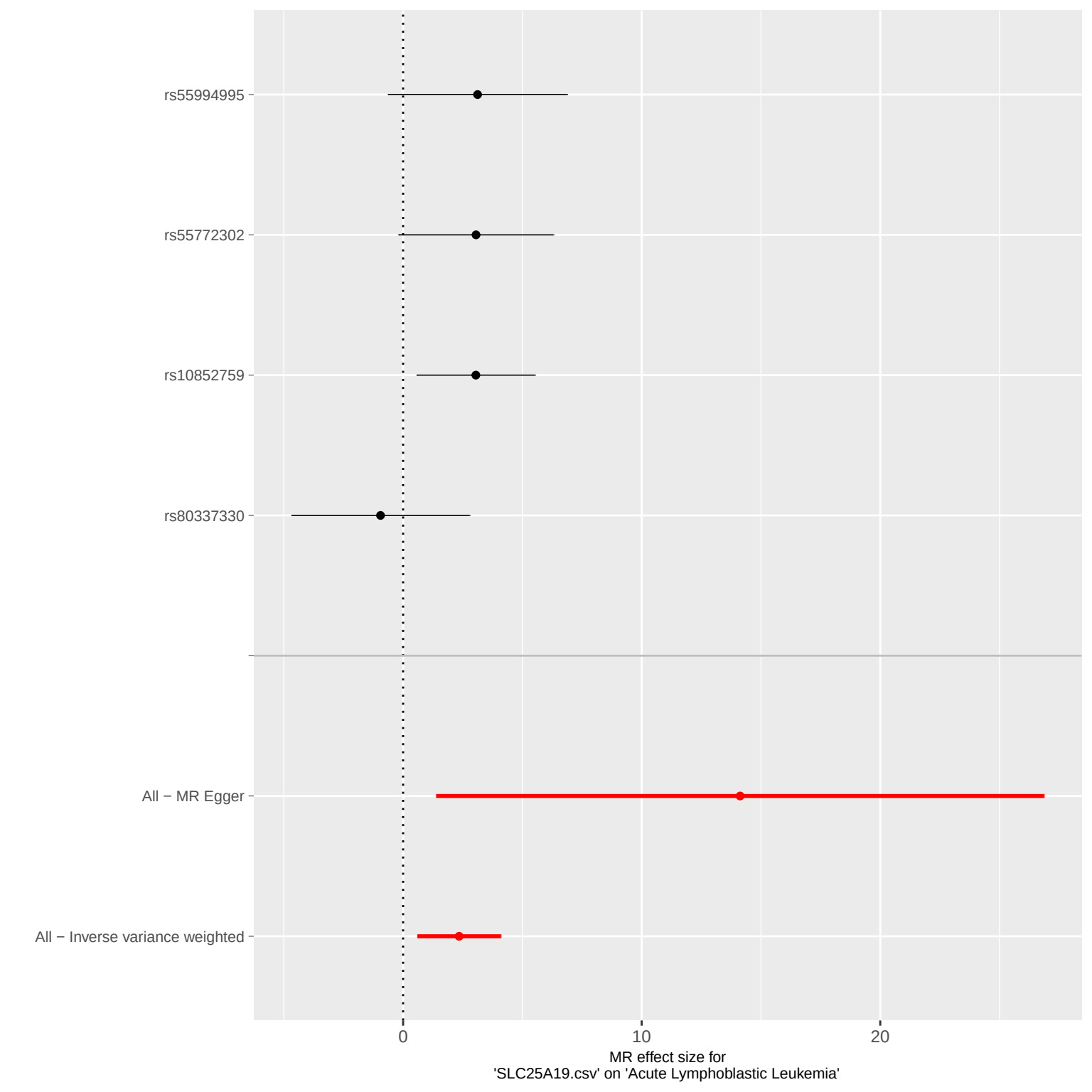
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All − Inverse variance weighted
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MR effect size for
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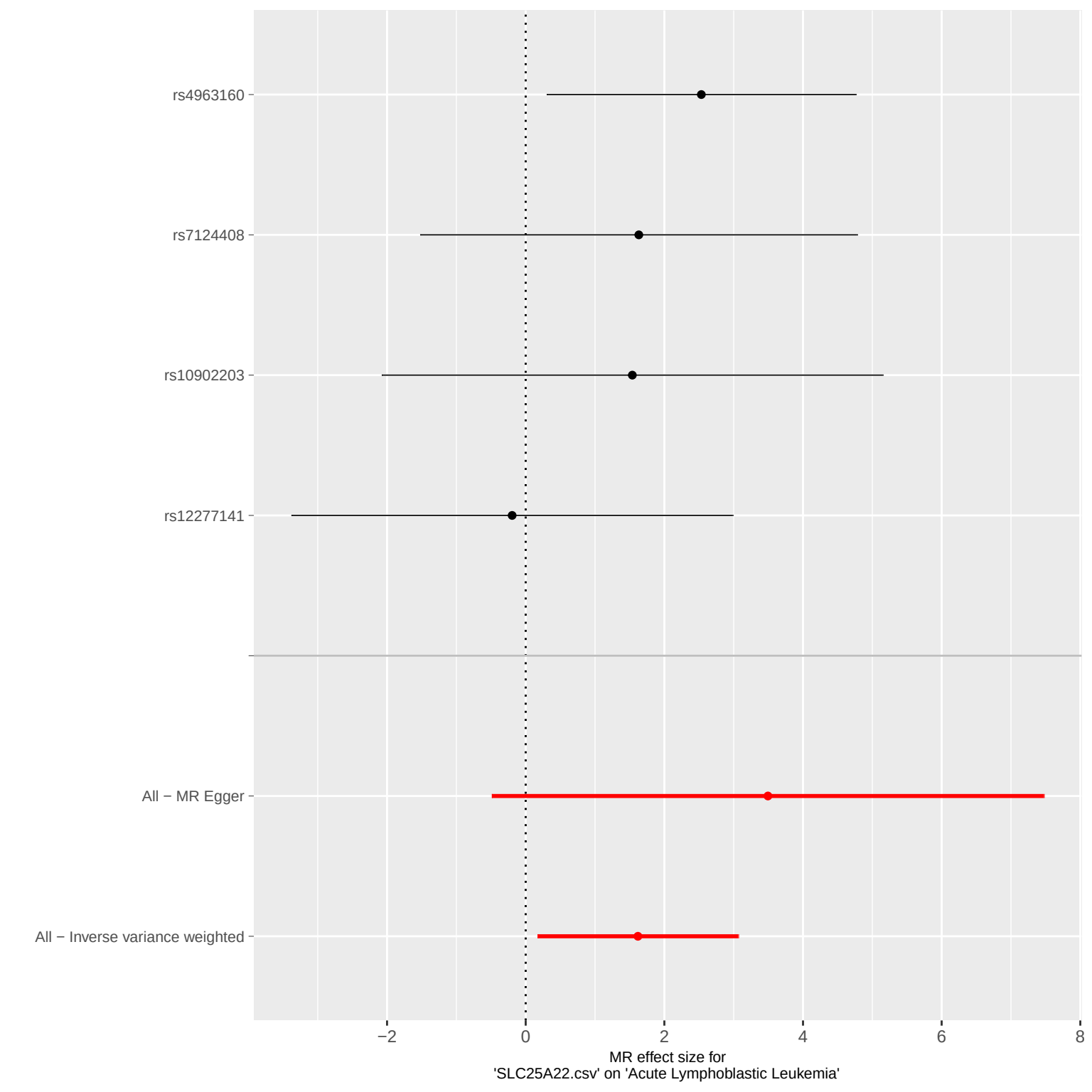
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MR effect size for
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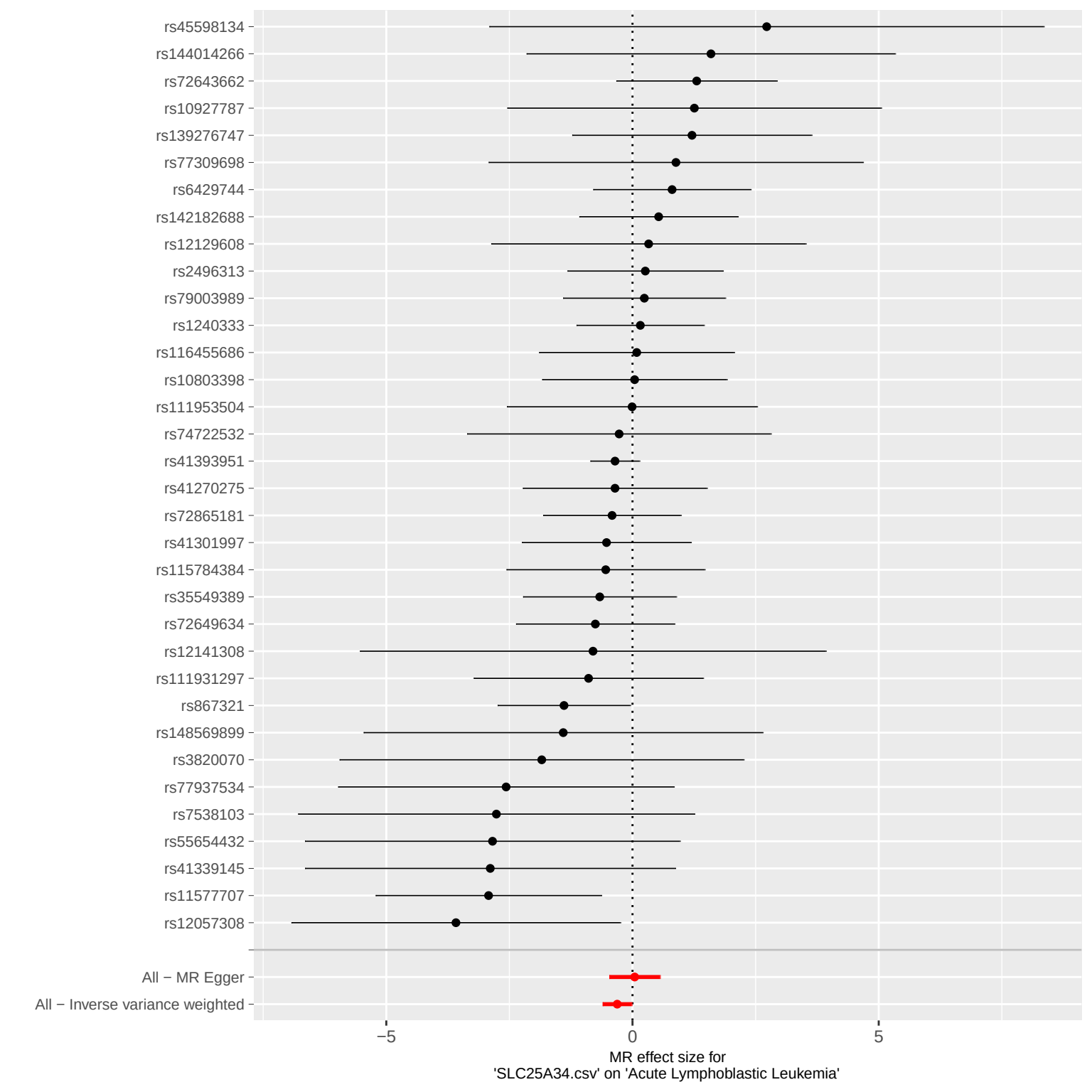
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rs7538103
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All − Inverse variance weighted
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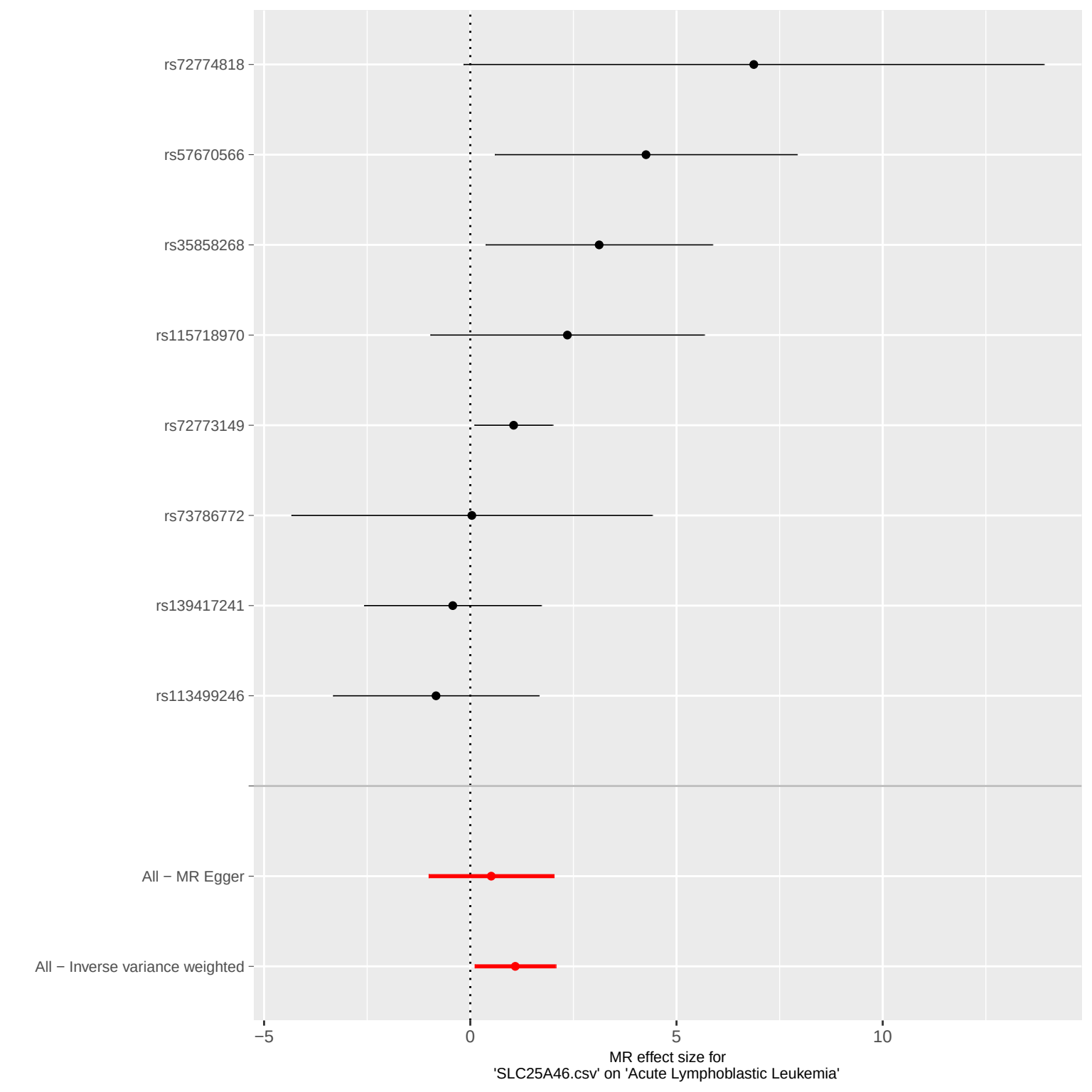
5
MR effect size for
'SLC25A34.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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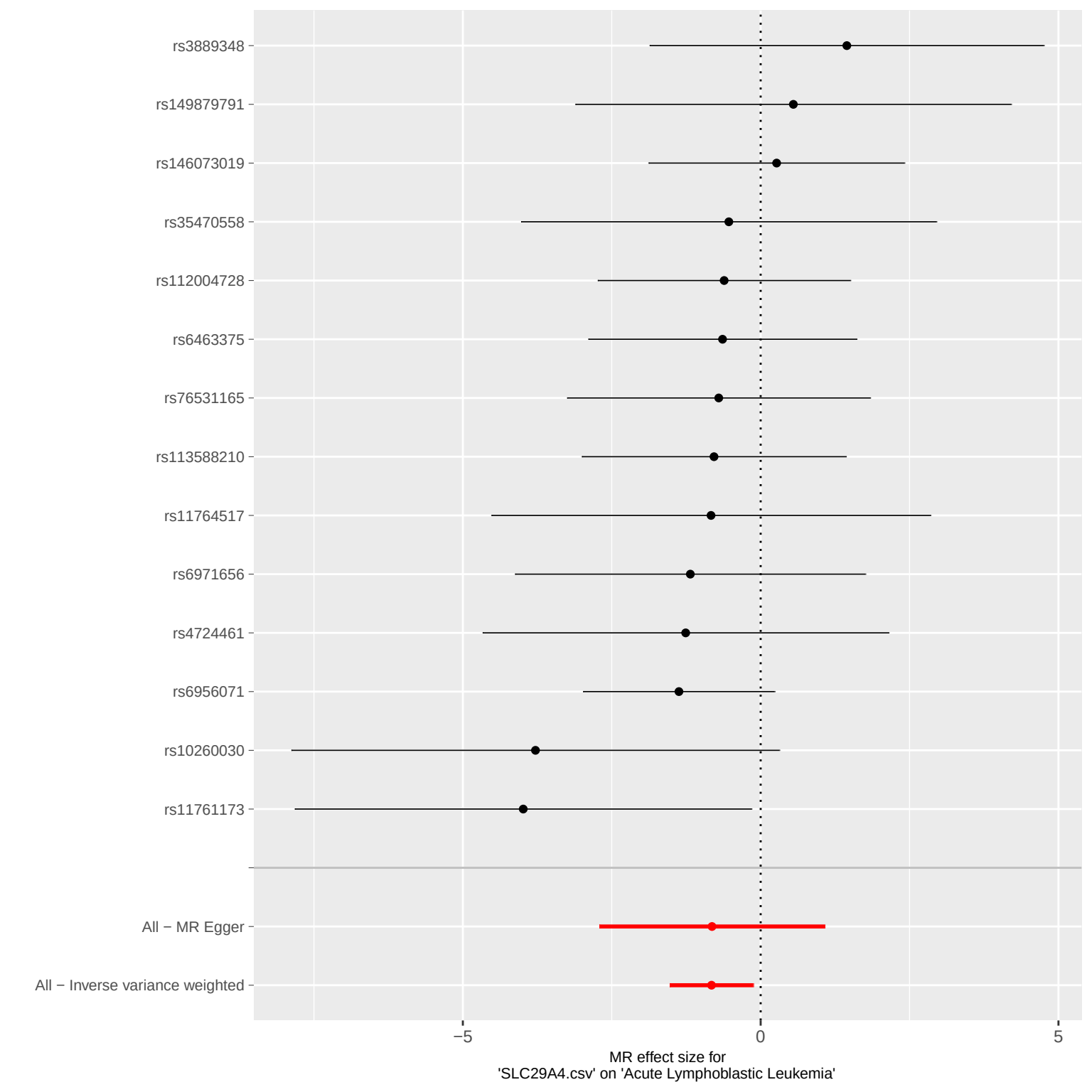
10
MR effect size for
'SLC25A46.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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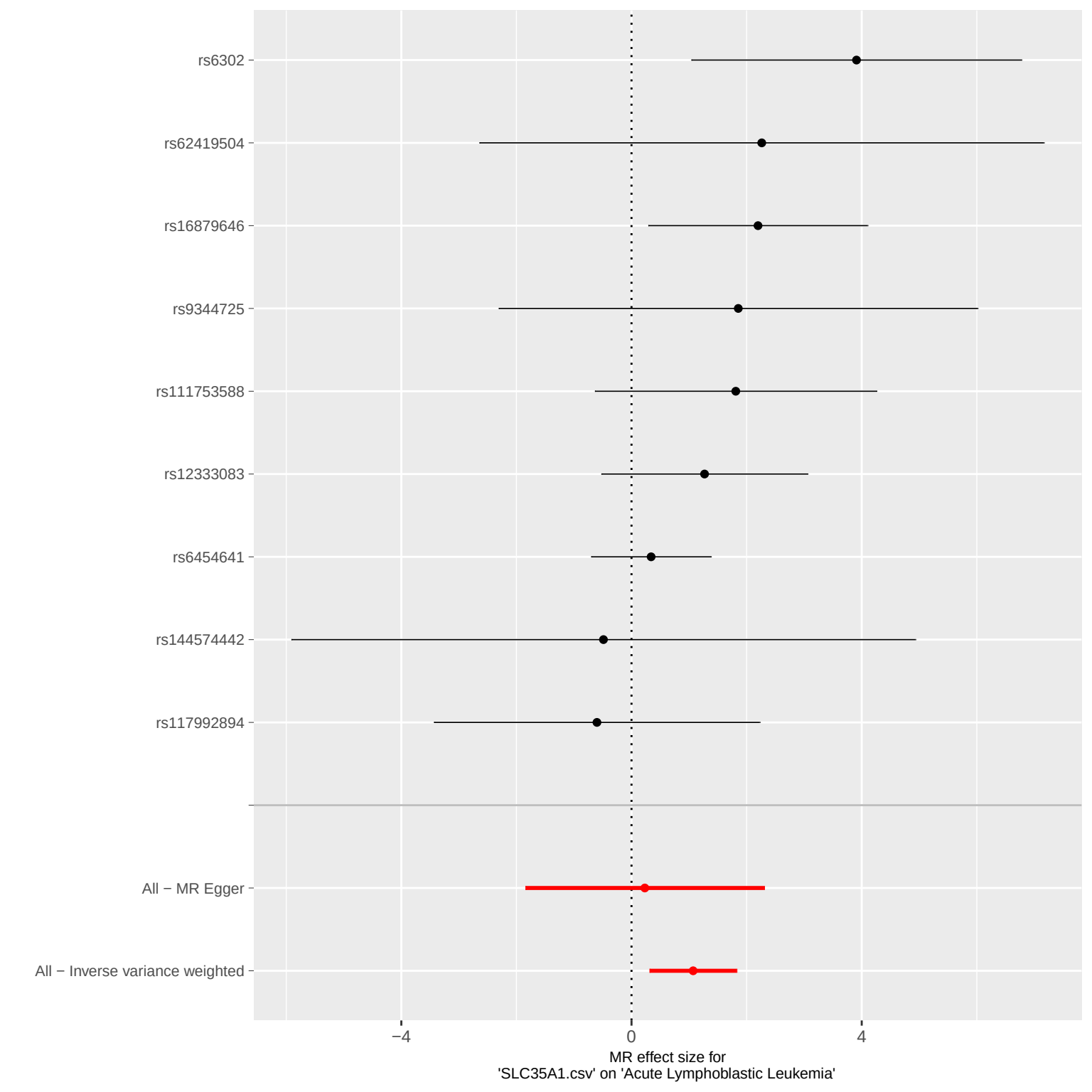
MR effect size for
'SLC29A4.csv' on 'Acute Lymphoblastic Leukemia'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rs9344725
rs111753588
rs12333083
rs6454641
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All − Inverse variance weighted
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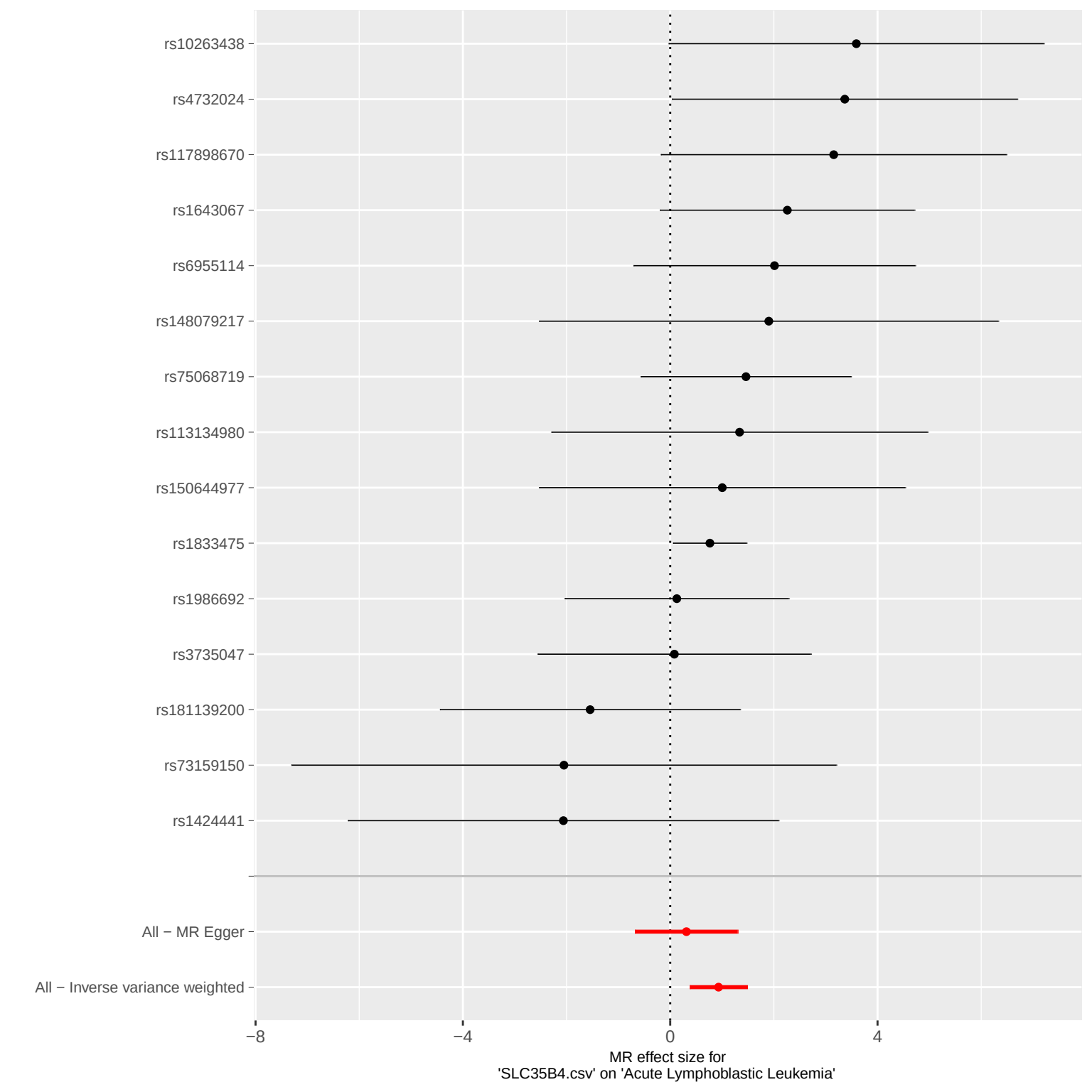
4
MR effect size for
'SLC35A1.csv' on 'Acute Lymphoblastic Leukemia'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rs3735047
rs181139200
rs73159150
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All − Inverse variance weighted
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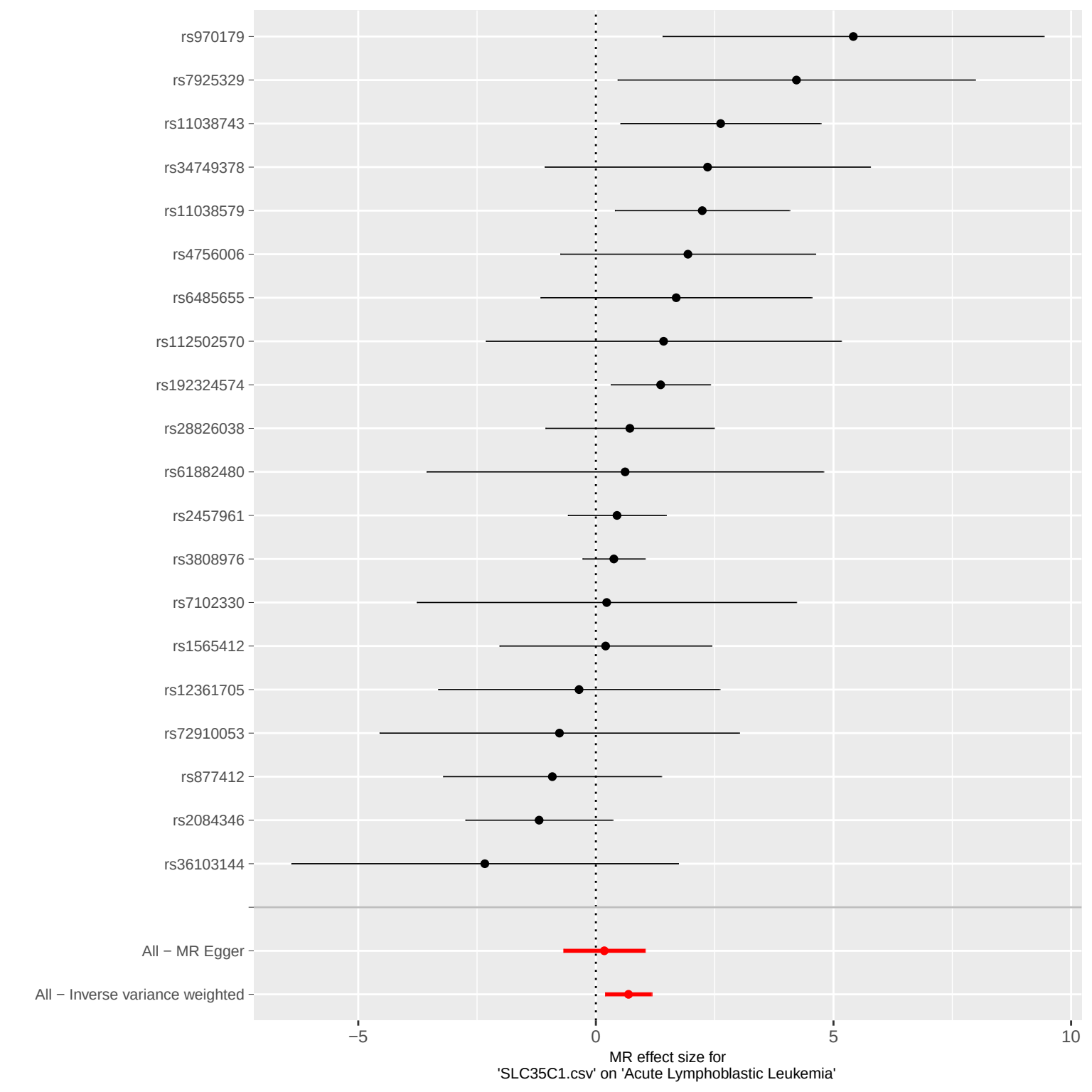
MR effect size for
'SLC35B4.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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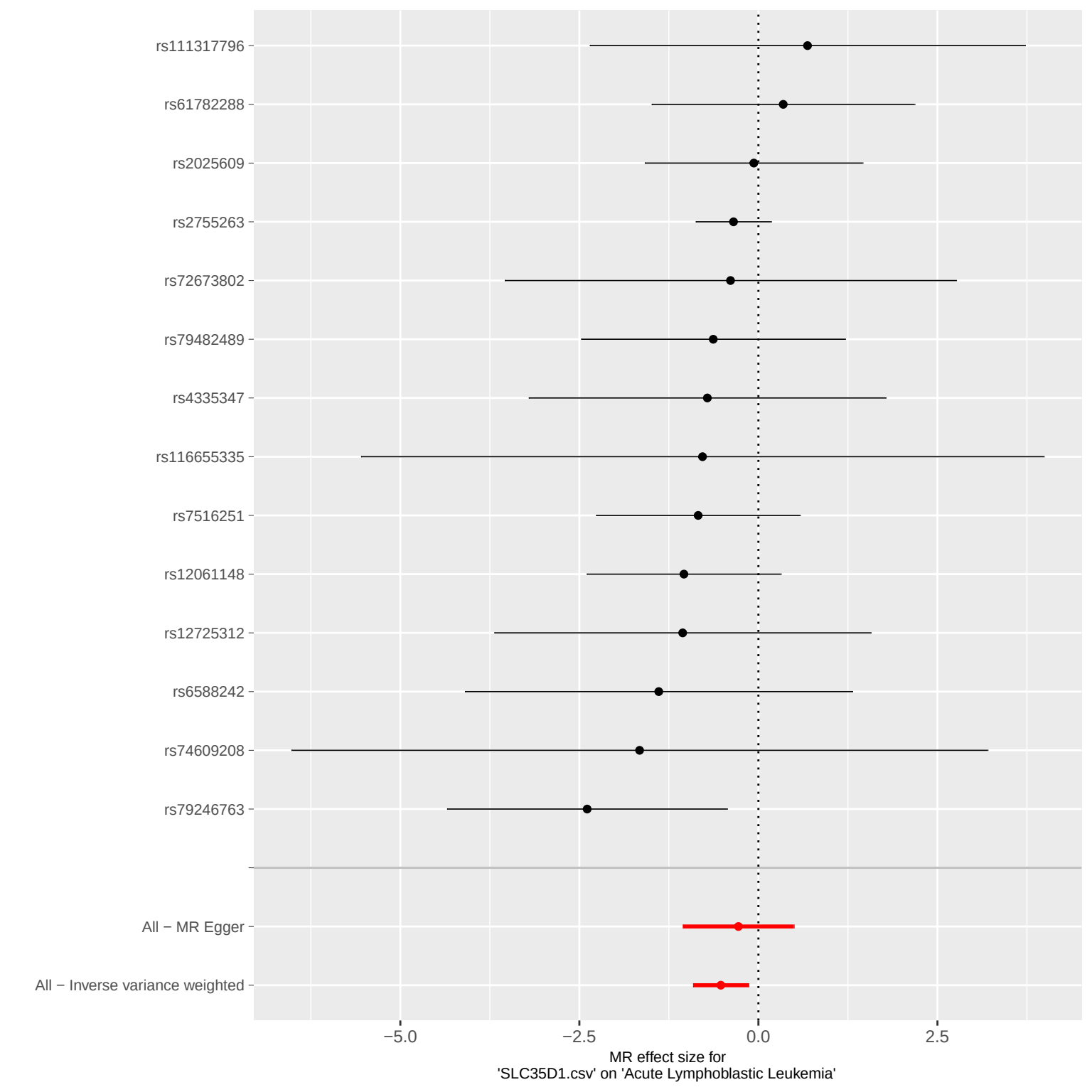
MR effect size for
'SLC35C1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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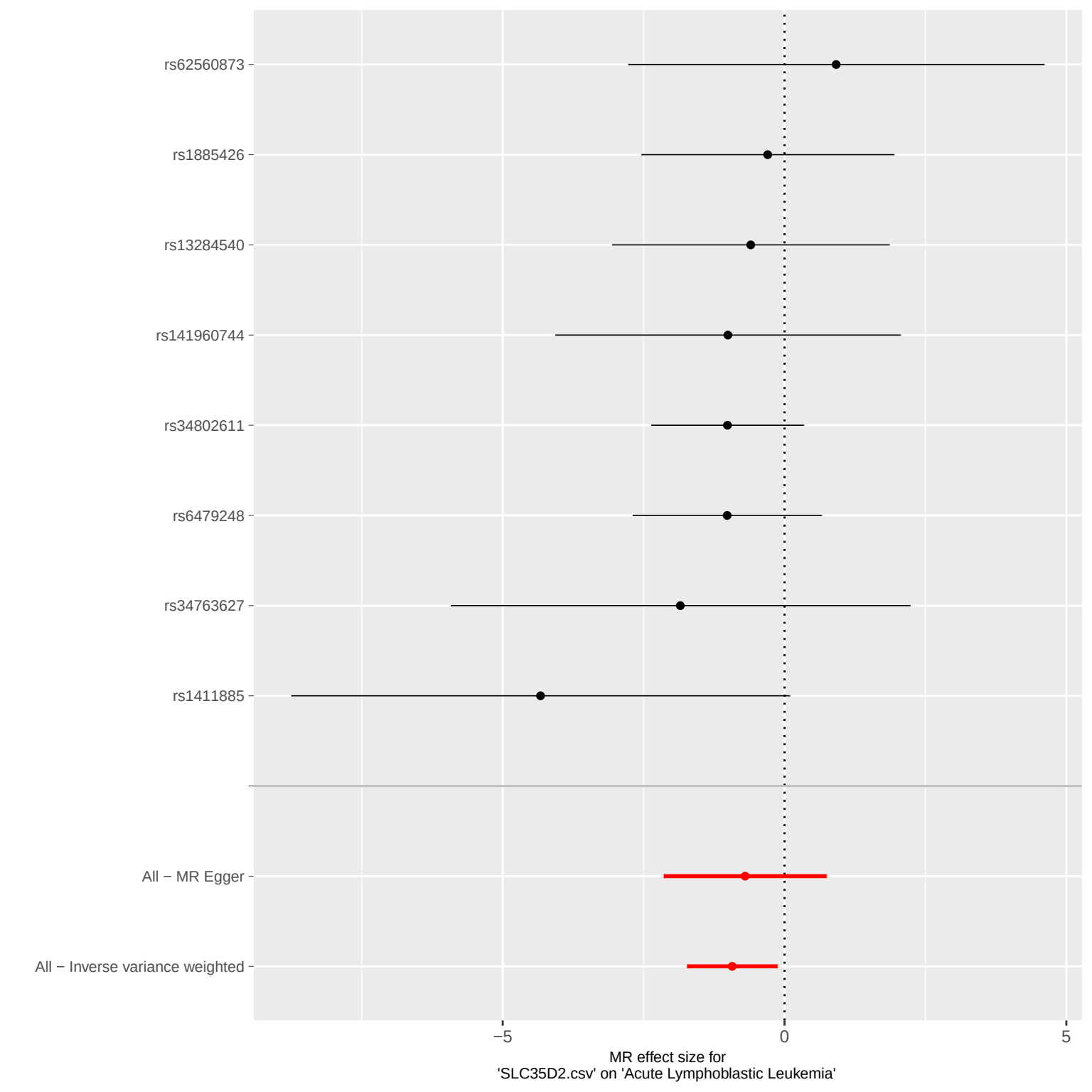
MR effect size for
'SLC35D1.csv' on 'Acute Lymphoblastic Leukemia'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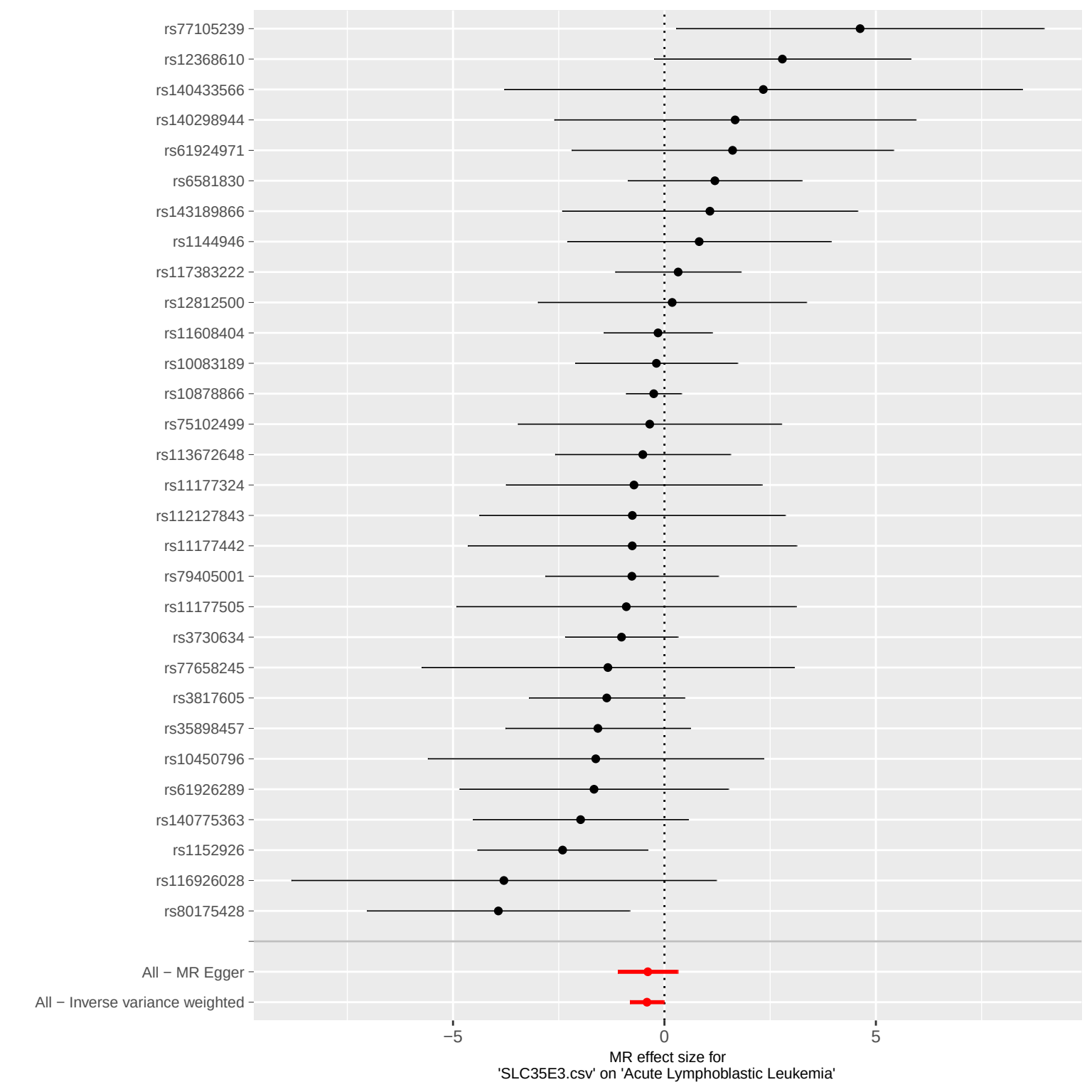
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rs77658245
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rs10450796
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All − Inverse variance weighted
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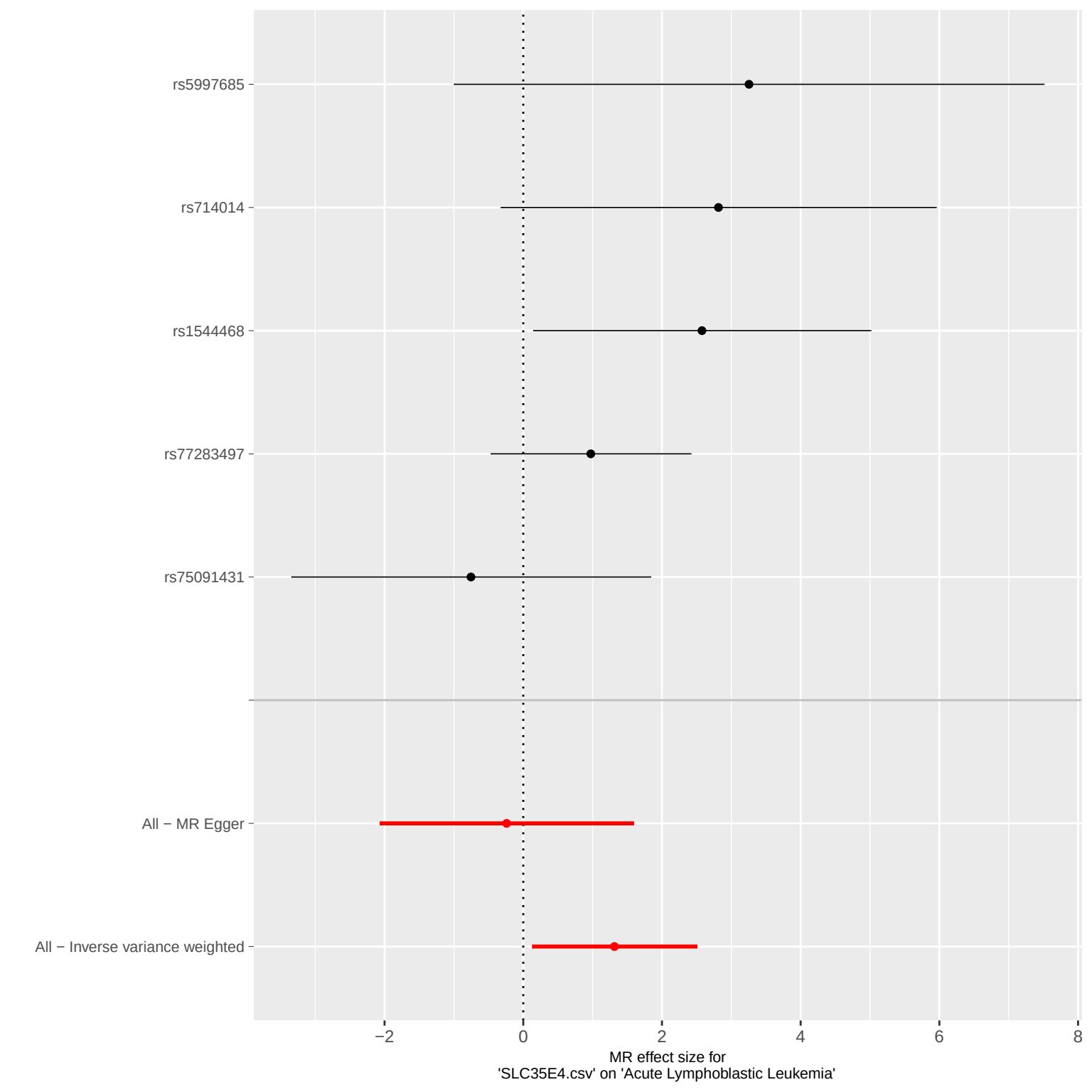
MR effect size for
'SLC35E3.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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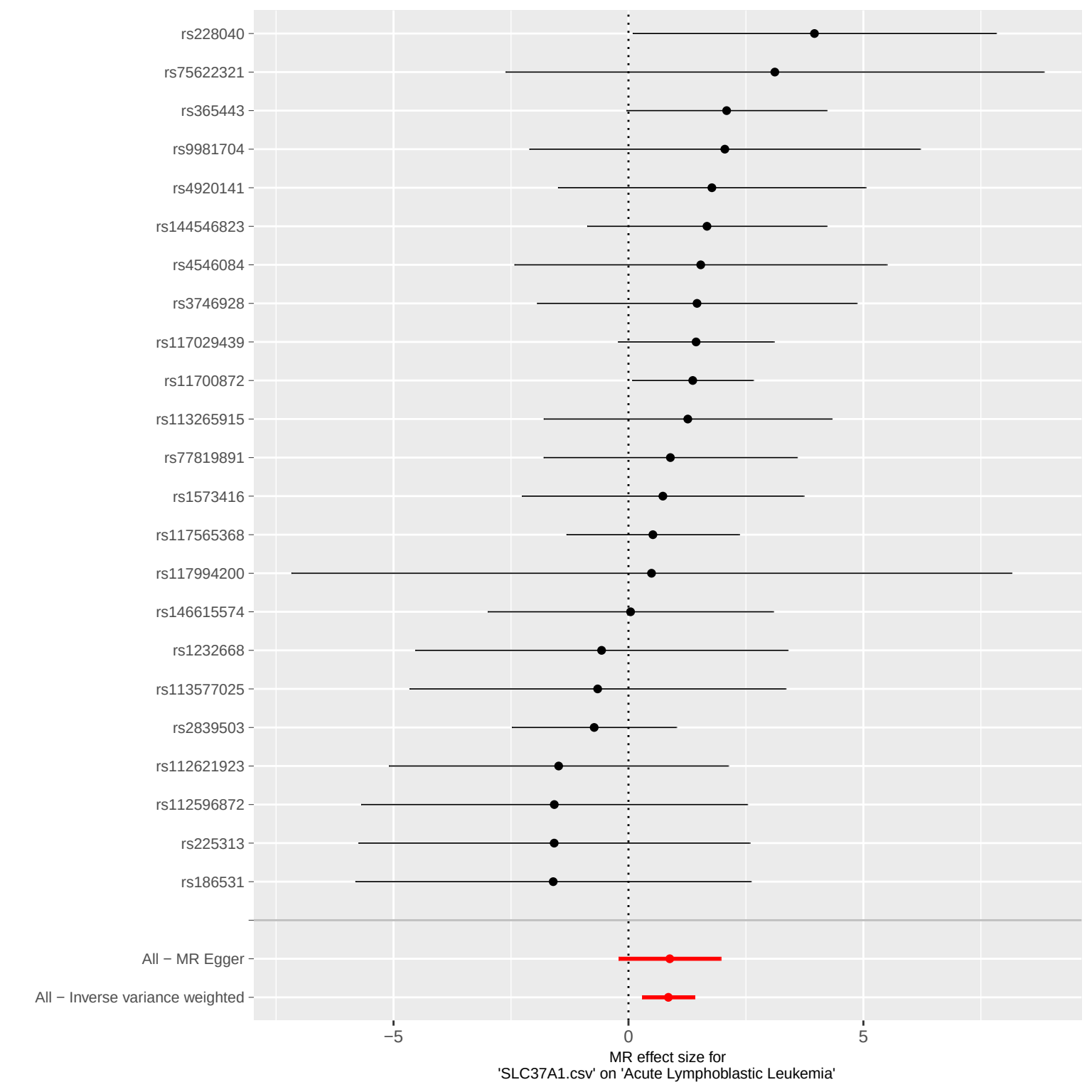
4
6
8
MR effect size for
'SLC35E4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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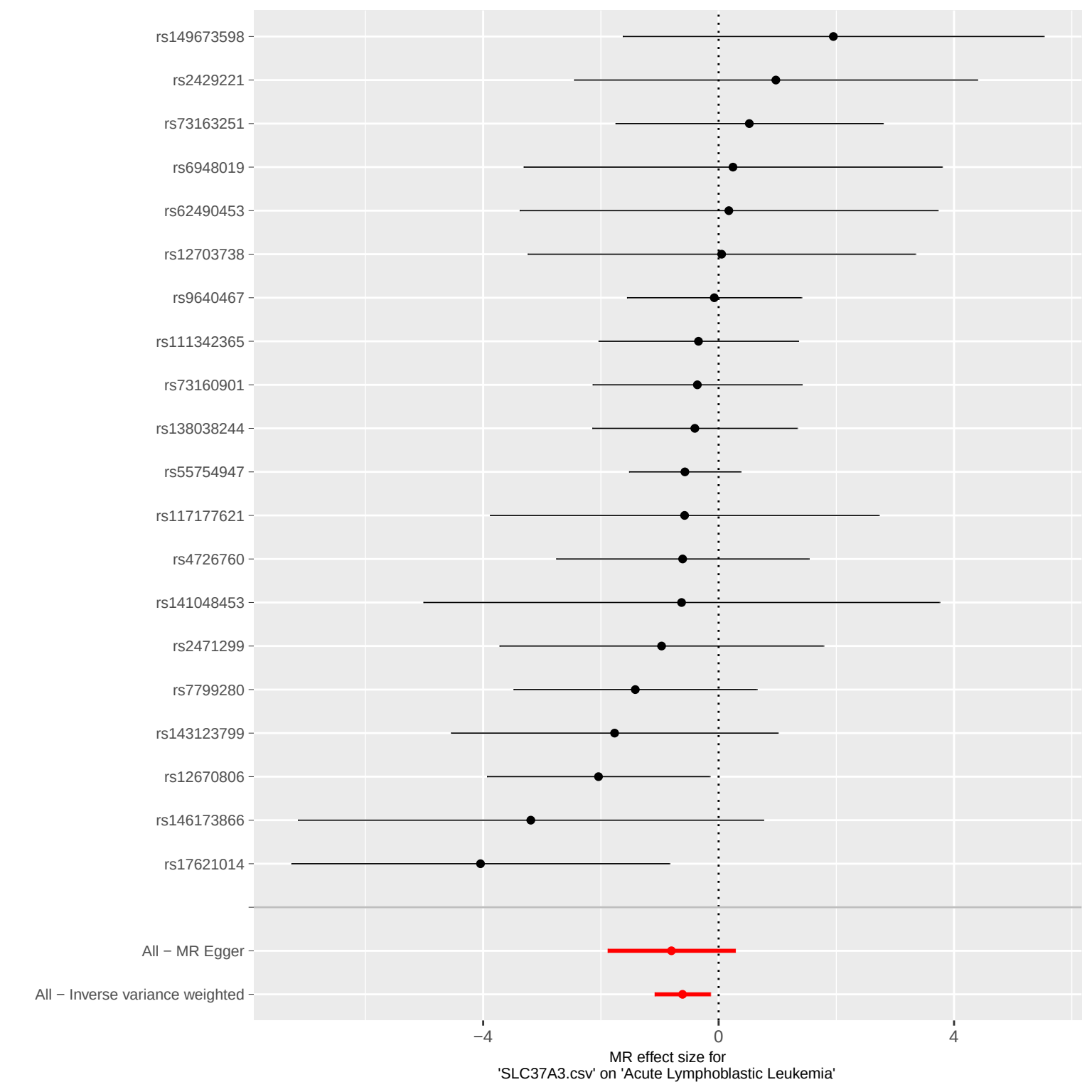
'SLC37A1.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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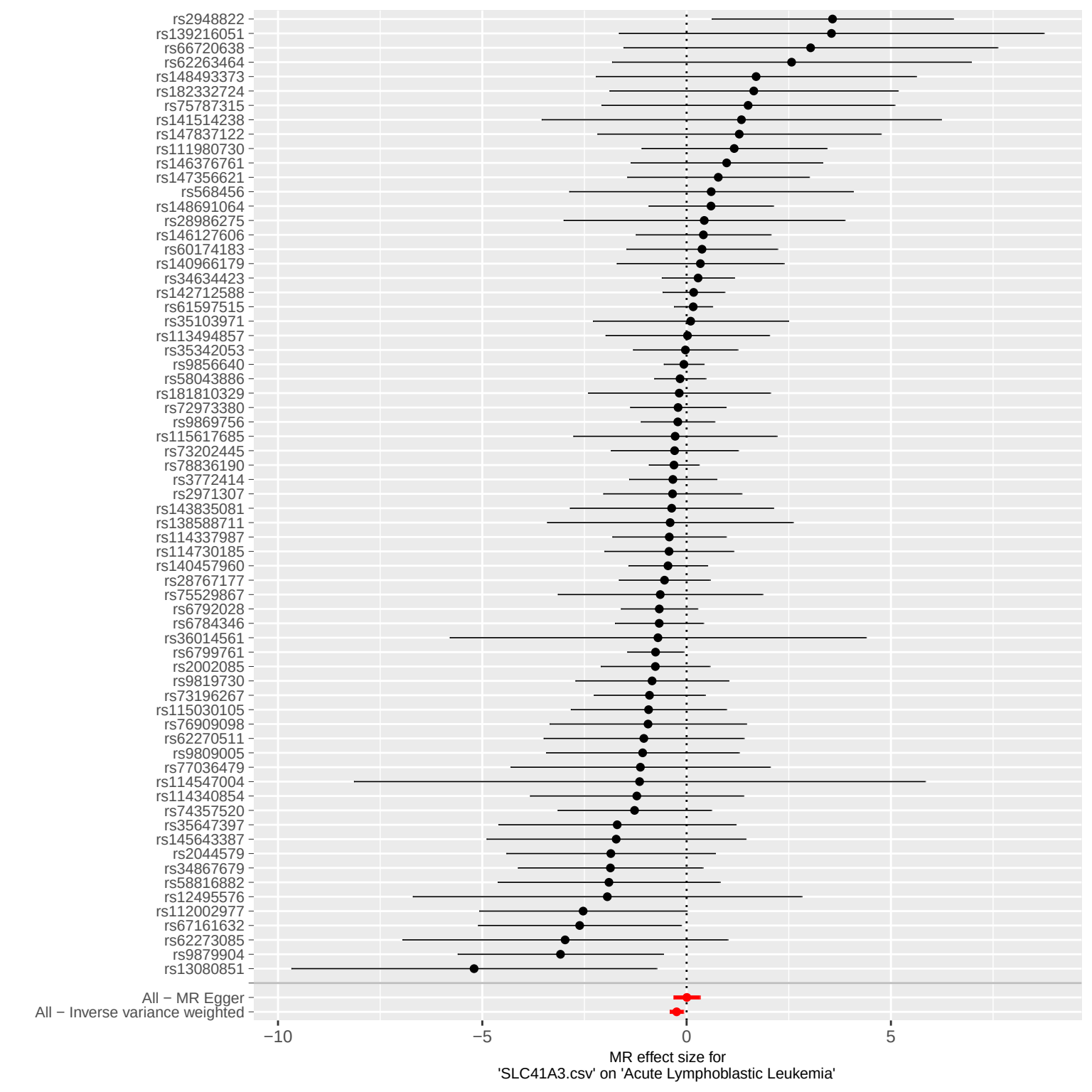
MR effect size for
'SLC37A3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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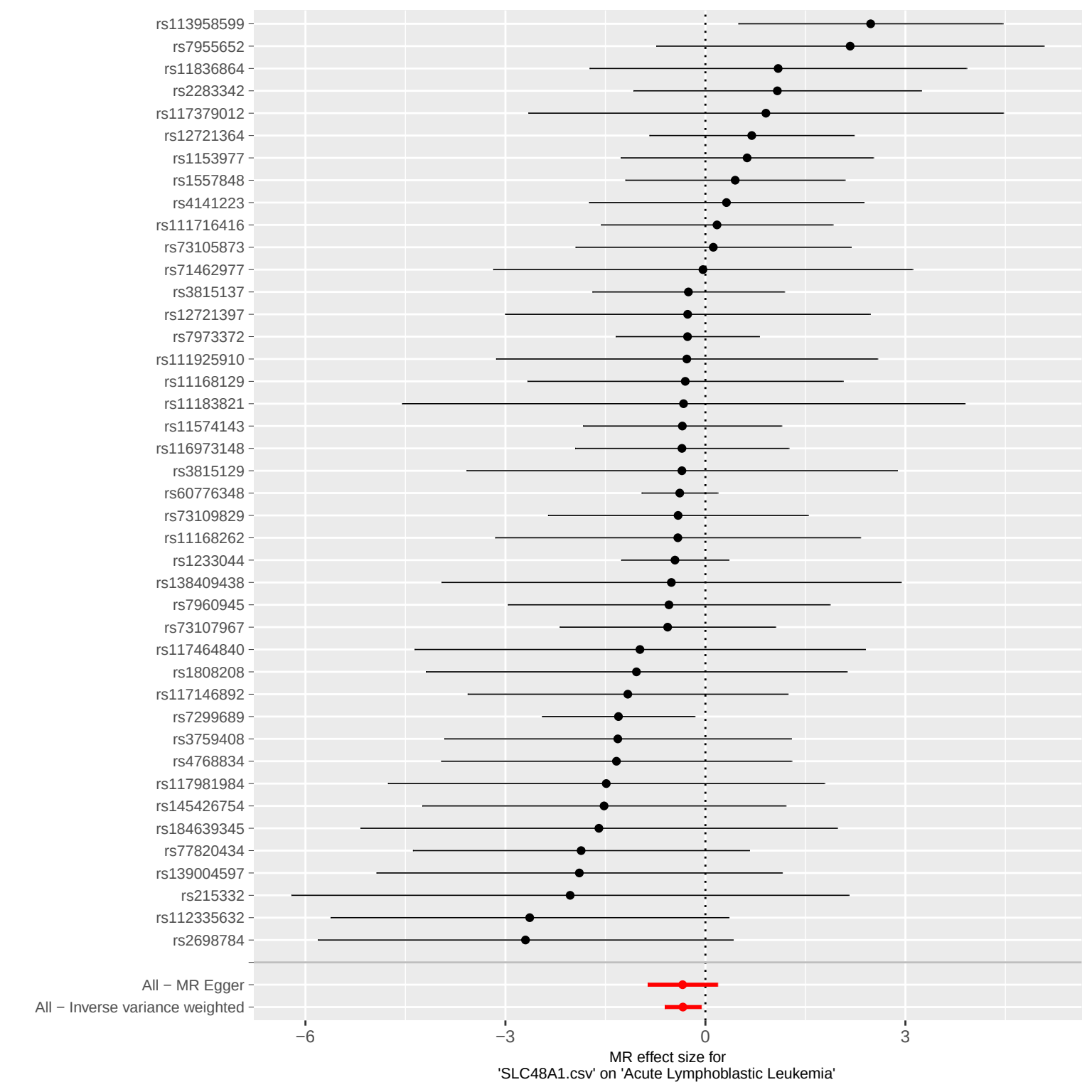
5
MR effect size for
'SLC41A3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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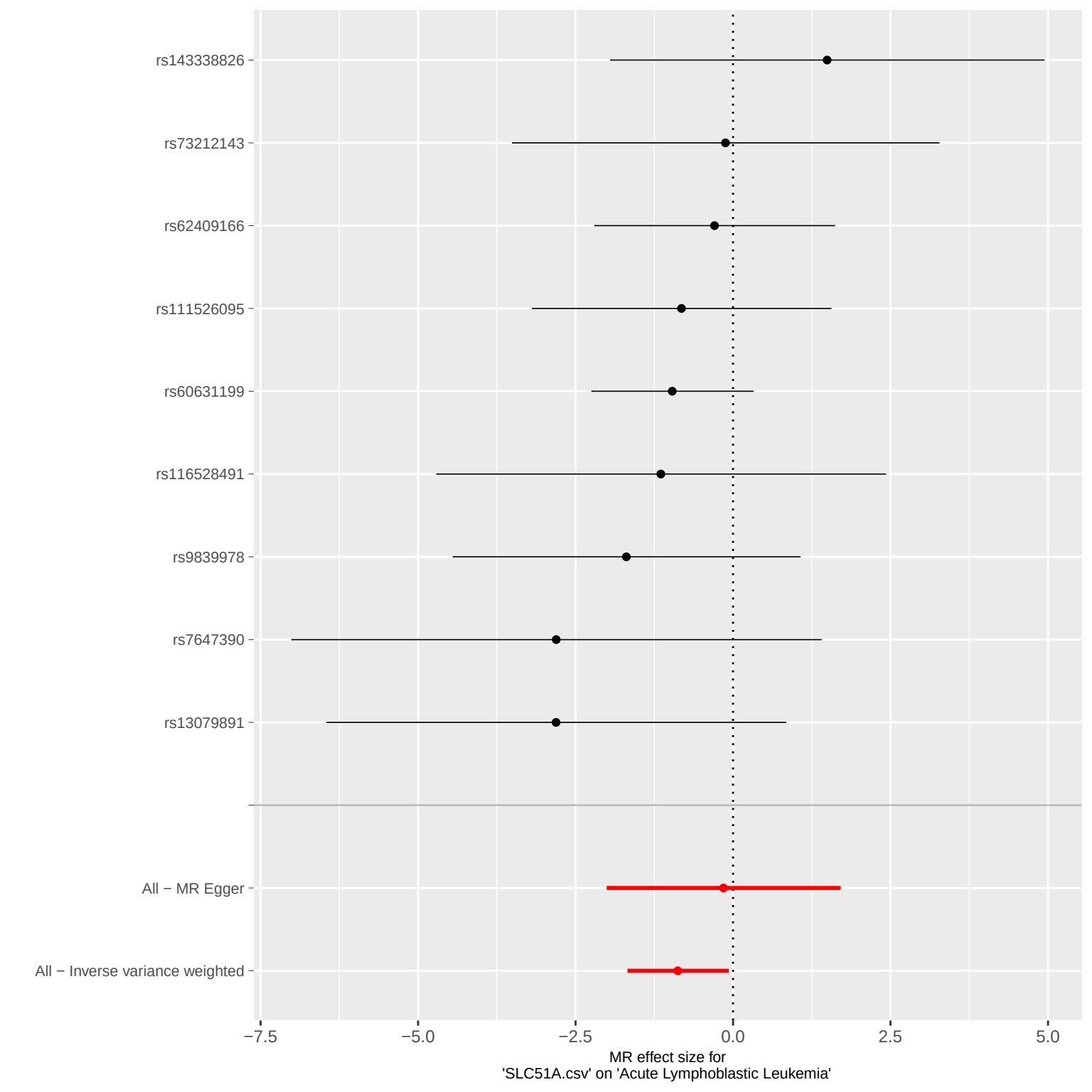
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All − Inverse variance weighted
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2.5
5.0
MR effect size for
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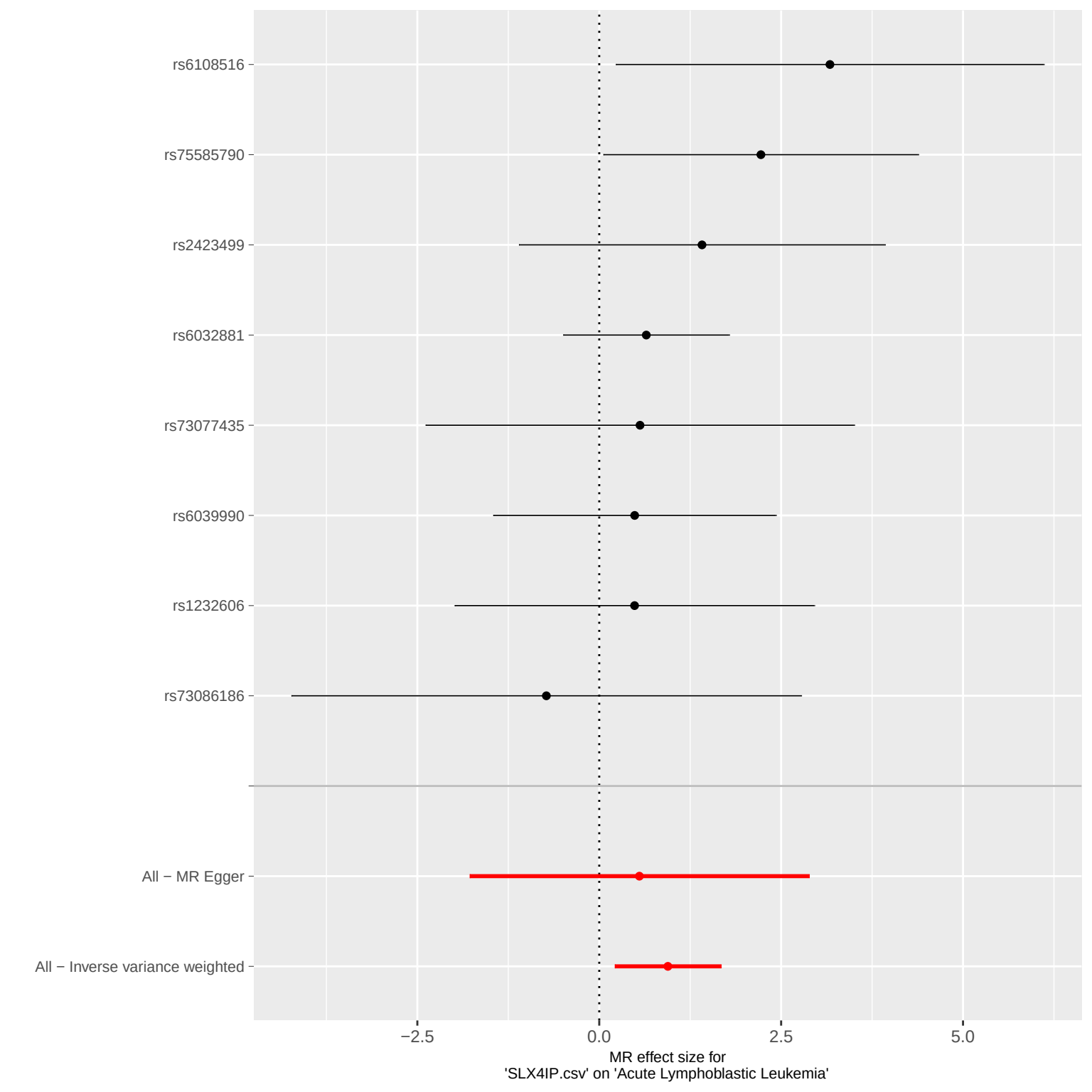
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All − MR Egger
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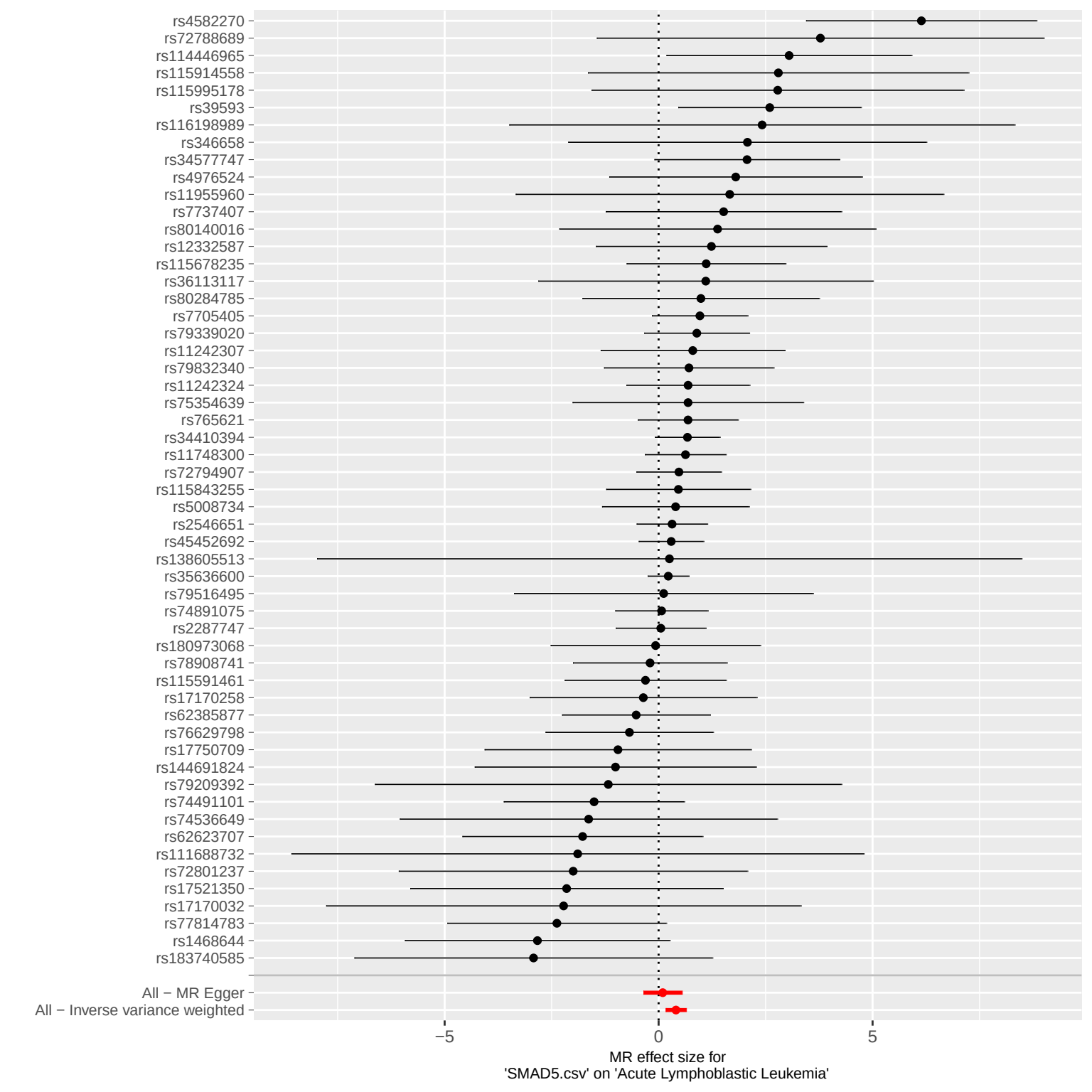
2.5
5.0
MR effect size for
'SLX4IP.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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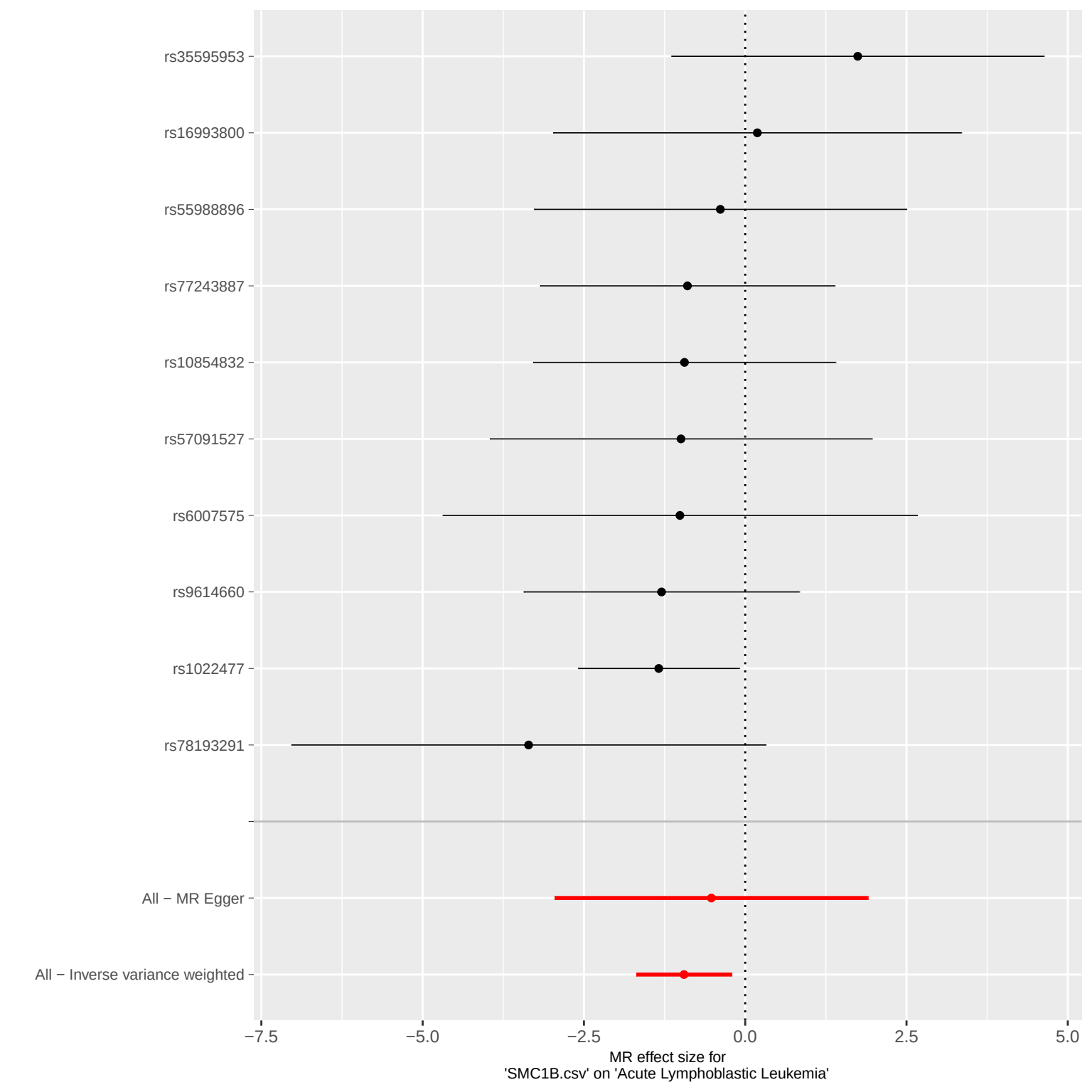
MR effect size for
'SMAD5.csv' on 'Acute Lymphoblastic Leukemia'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rs78193291
All − MR Egger
All − Inverse variance weighted
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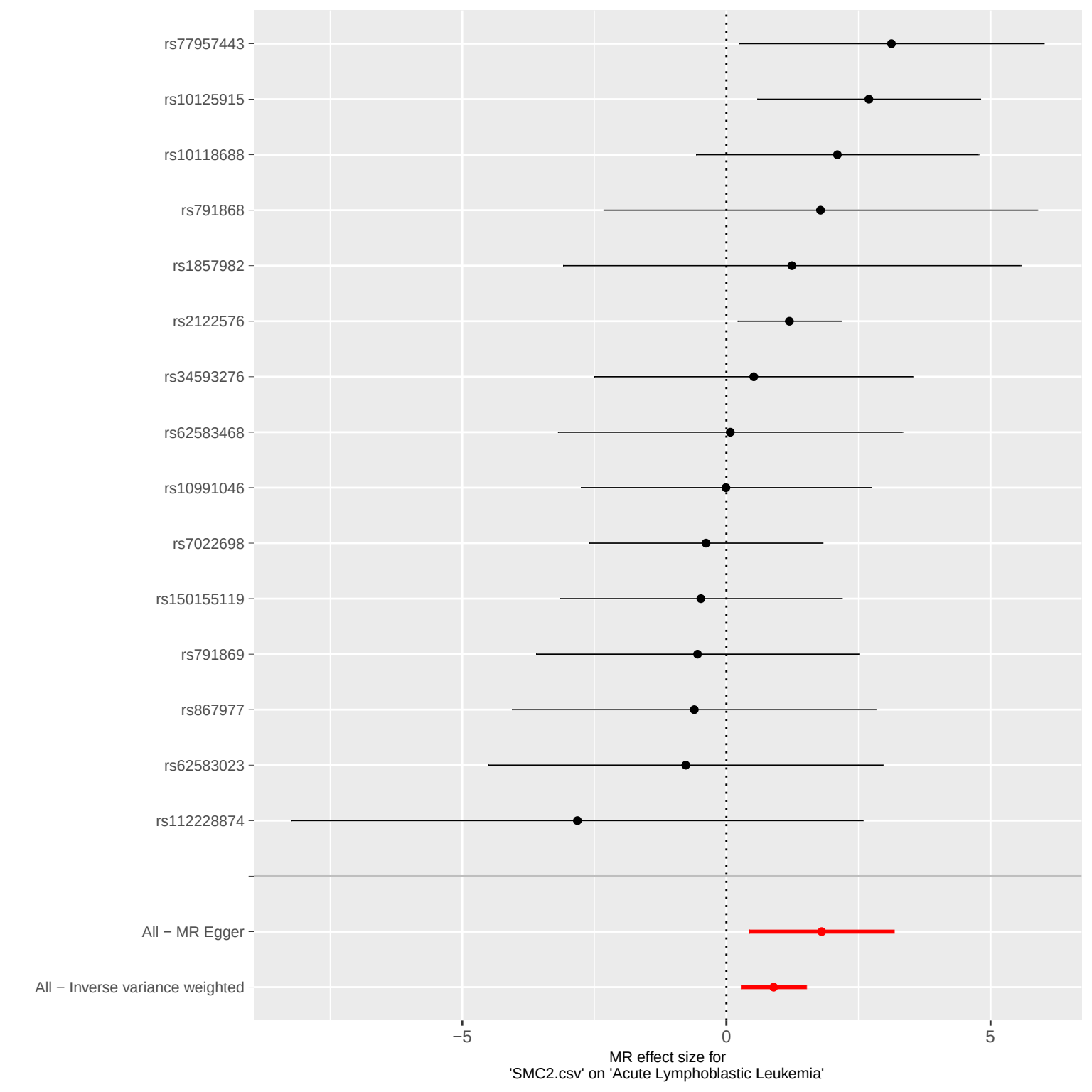
−2.5
0.0
2.5
5.0
MR effect size for
'SMC1B.csv' on 'Acute Lymphoblastic Leukemia'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rs791869
rs867977
rs62583023
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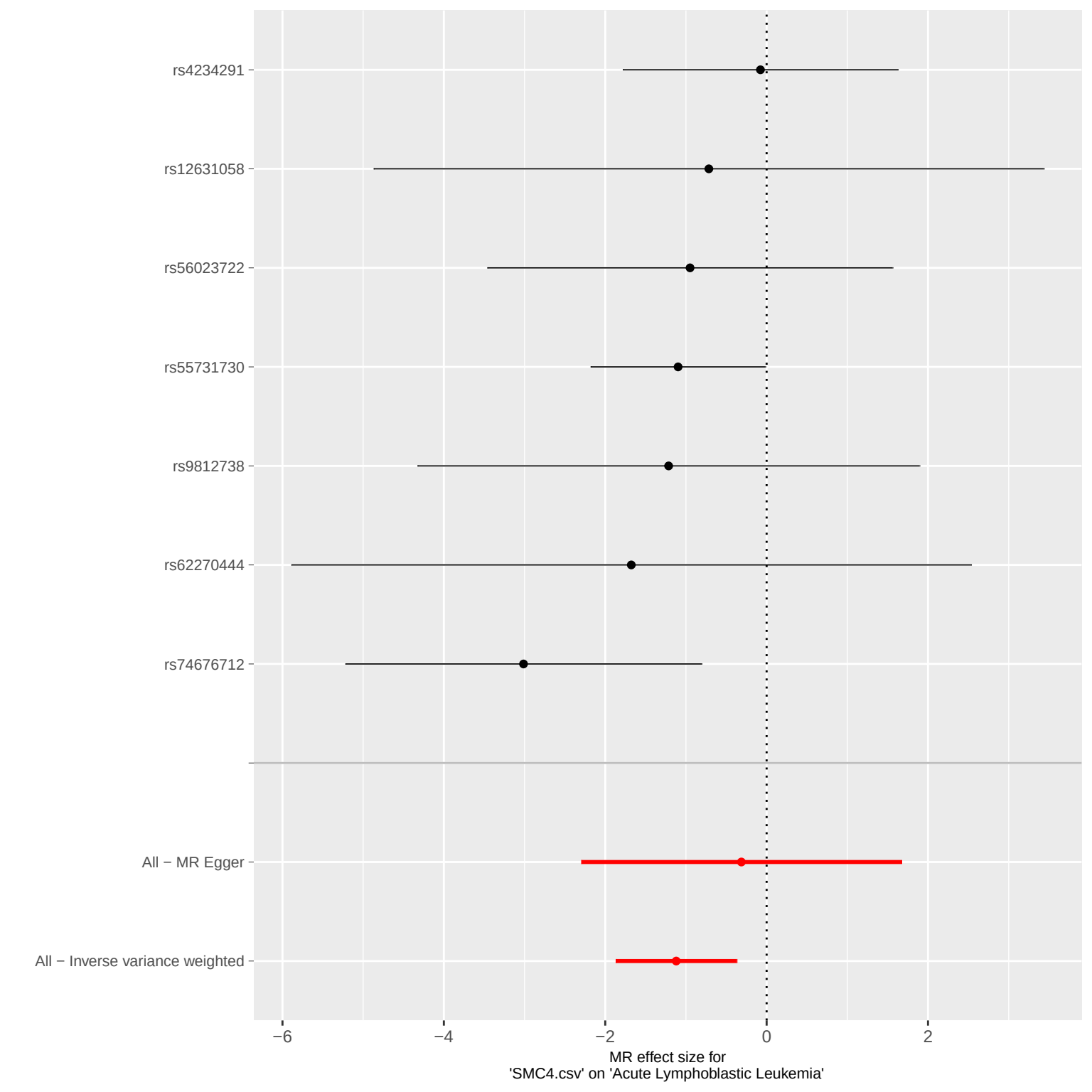
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SMC2.csv' on 'Acute Lymphoblastic Leukemia'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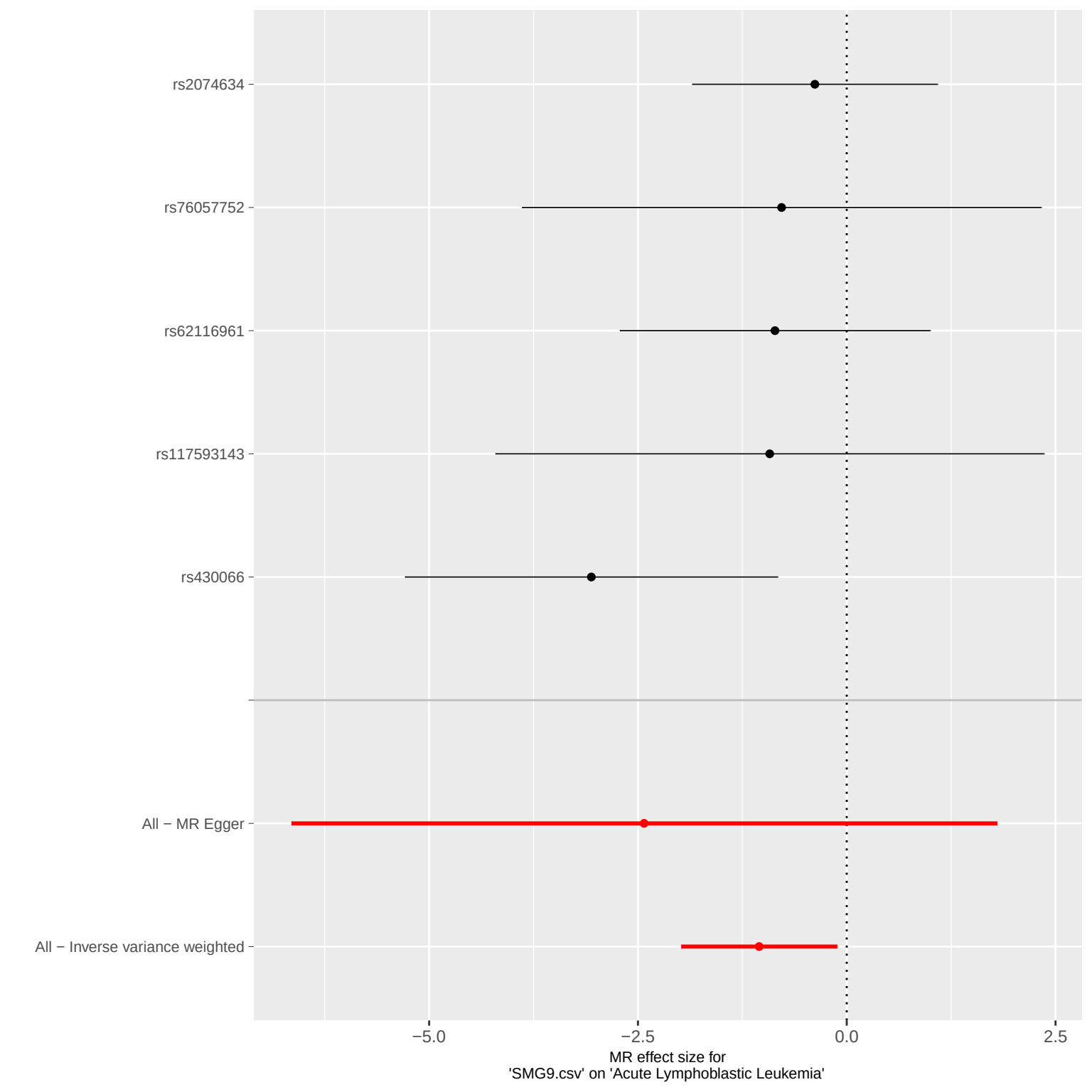
rs12631058
rs56023722
rs55731730
rs9812738
rs62270444
rs74676712
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'SMC4.csv' on 'Acute Lymphoblastic Leukemia'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rs430066
All − MR Egger
All − Inverse variance weighted
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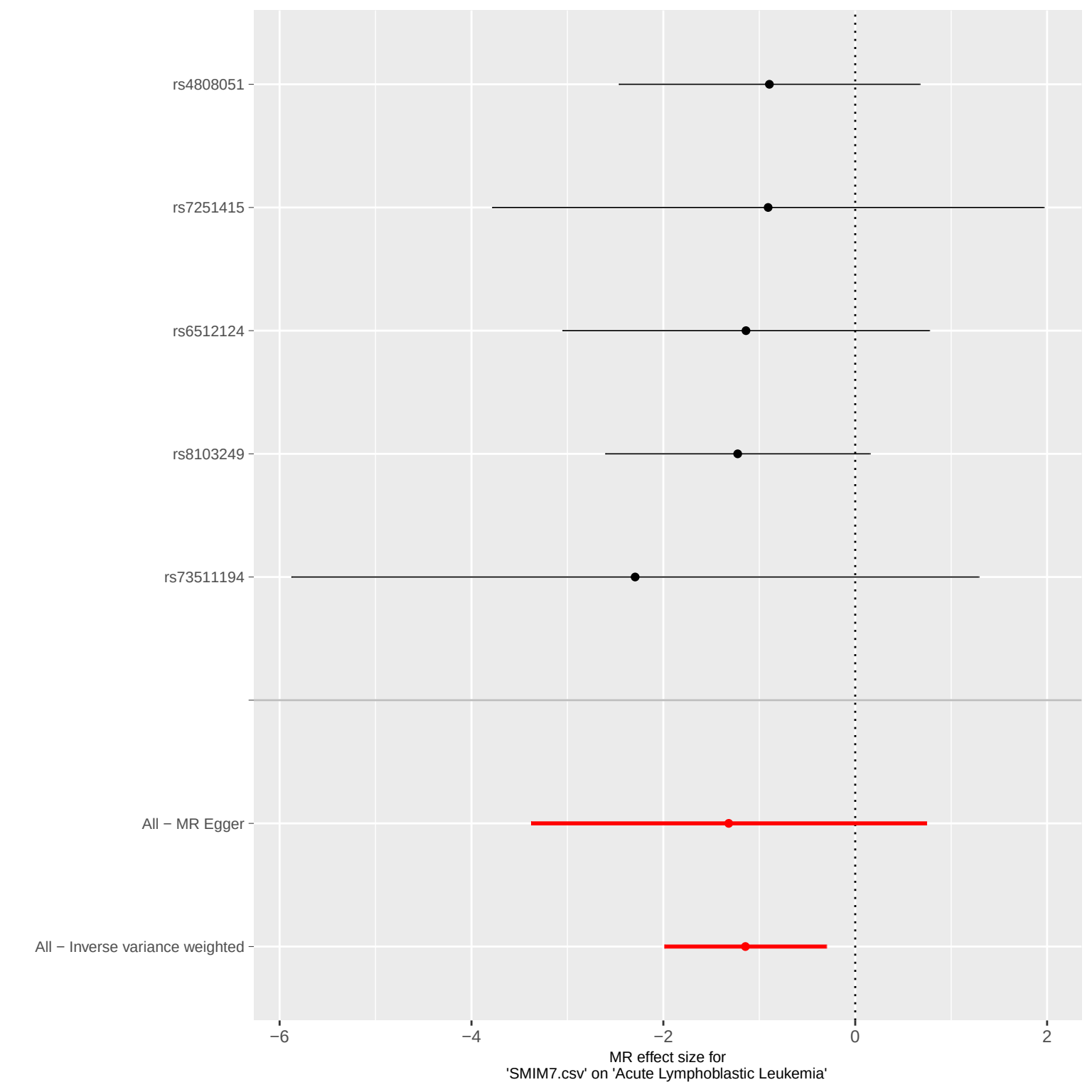
−2.5
0.0
2.5
MR effect size for
'SMG9.csv' on 'Acute Lymphoblastic Leukemia'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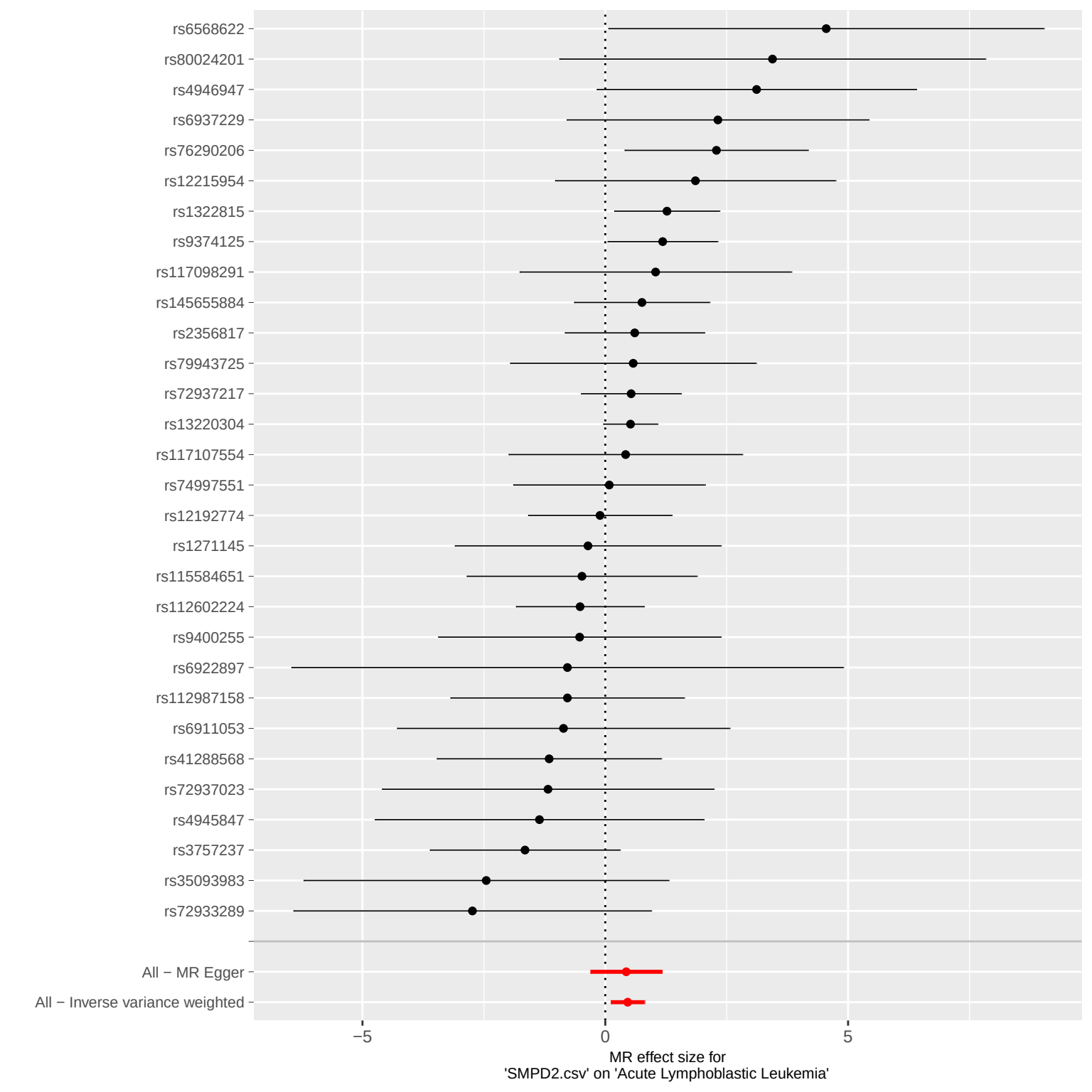
rs73511194
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'SMIM7.csv' on 'Acute Lymphoblastic Leukemia'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rs9400255
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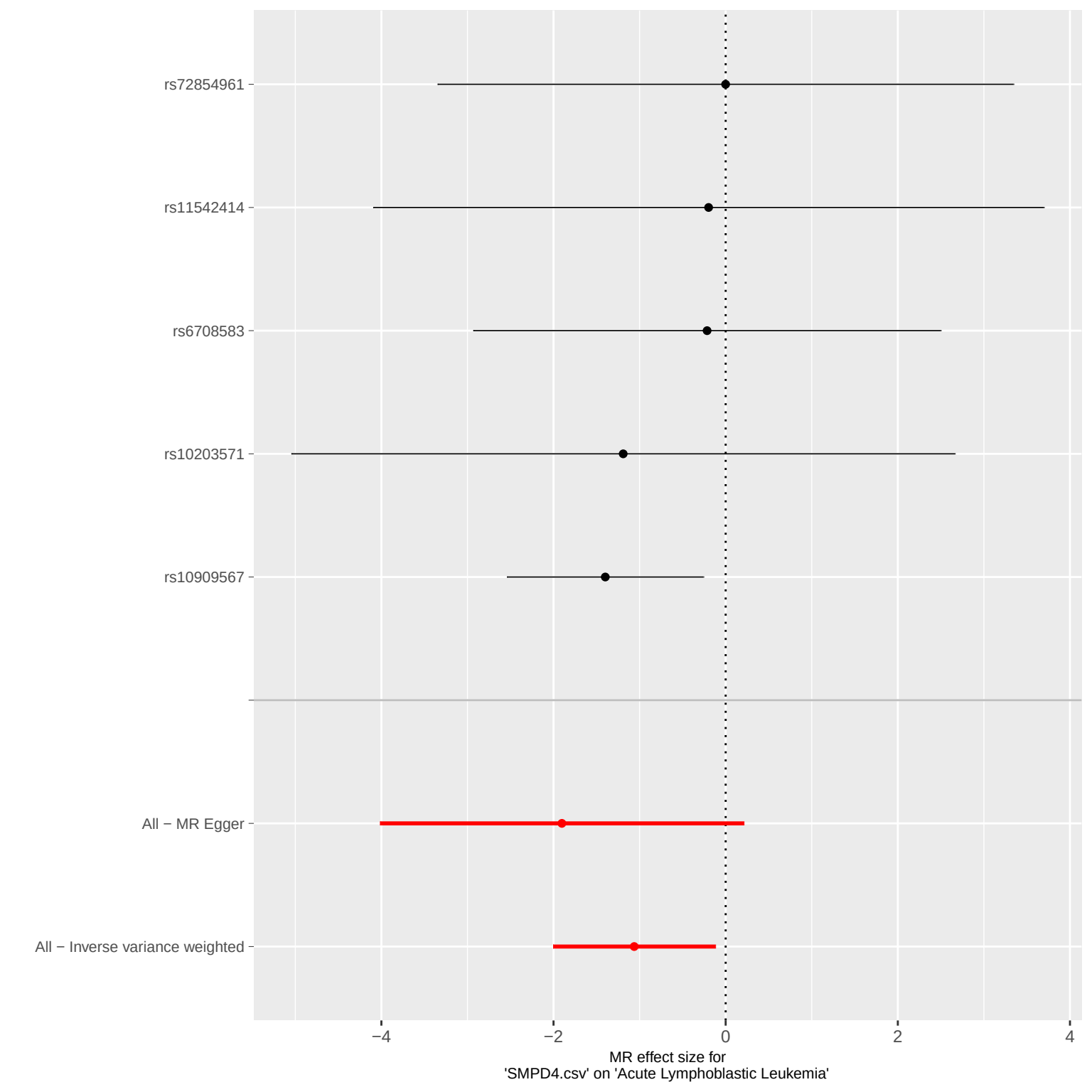
rs4945847
rs3757237
rs35093983
rs72933289
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SMPD2.csv' on 'Acute Lymphoblastic Leukemia'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rs11542414
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rs10203571
rs10909567
All − MR Egger
All − Inverse variance weighted
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0
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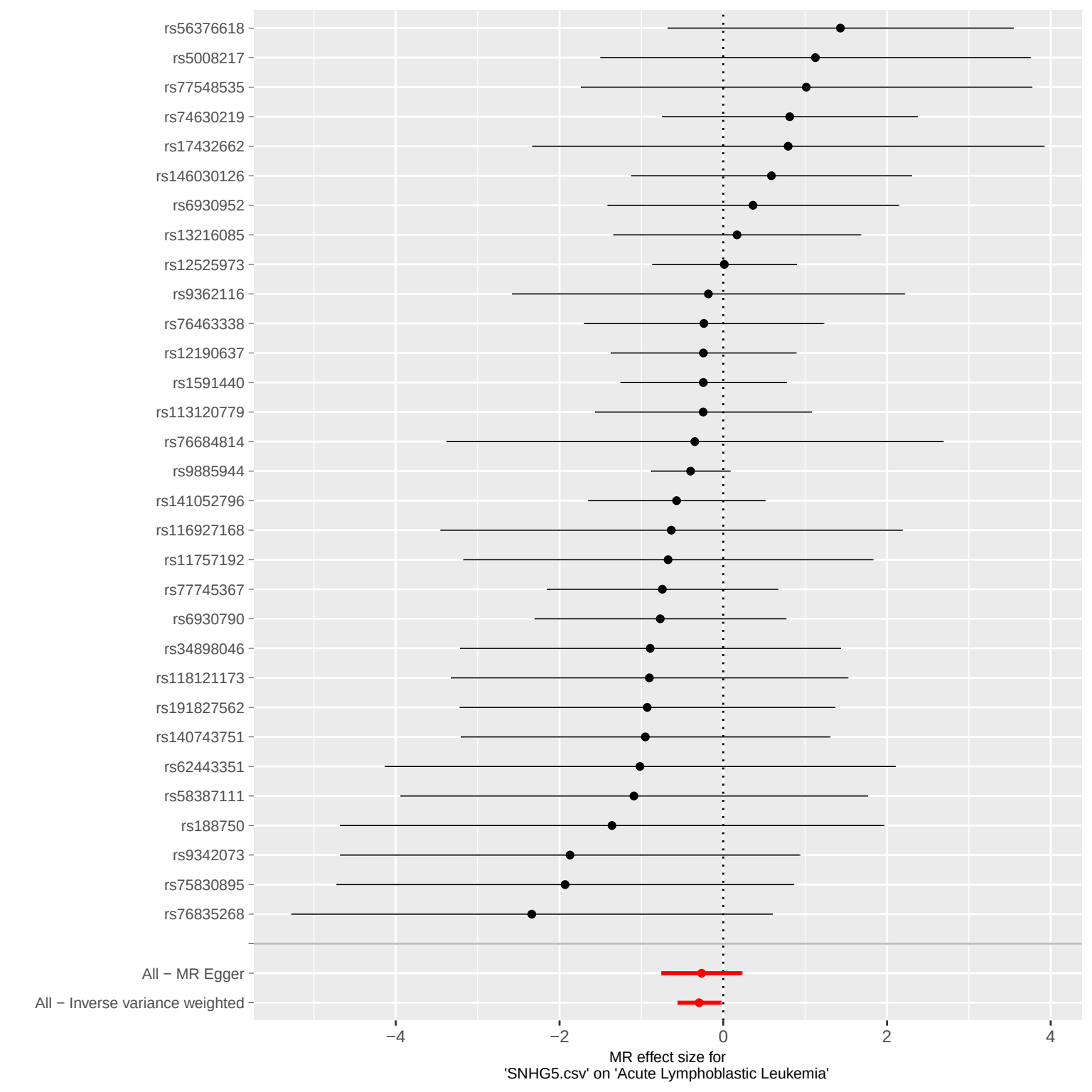
4
MR effect size for
'SMPD4.csv' on 'Acute Lymphoblastic Leukemia'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rs118121173
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rs140743751
rs62443351
rs58387111
rs188750
rs9342073
rs75830895
rs76835268
All − MR Egger
All − Inverse variance weighted
−4
−2
0
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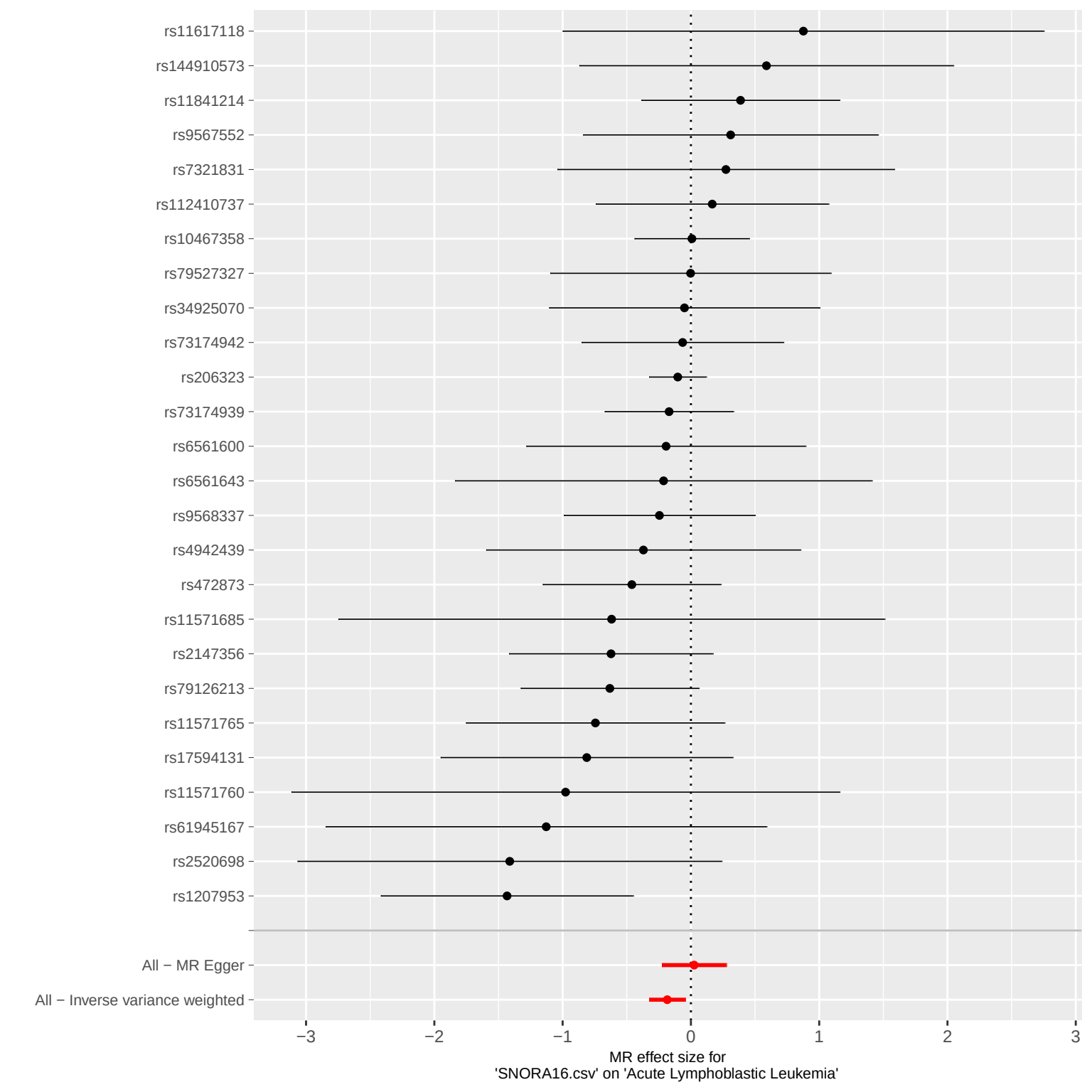
4
MR effect size for
'SNHG5.csv' on 'Acute Lymphoblastic Leukemia'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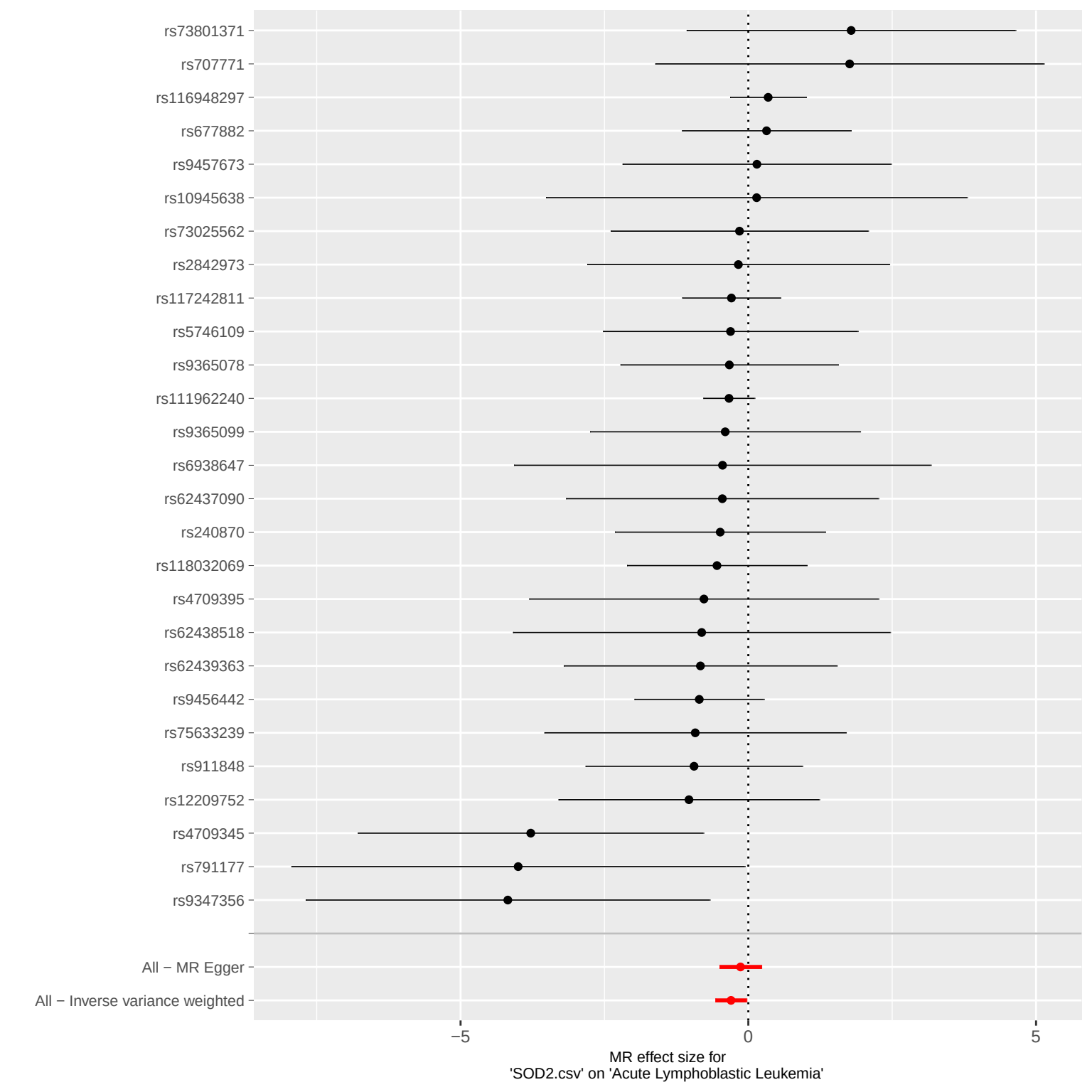
rs472873
rs11571685
rs2147356
rs79126213
rs11571765
rs17594131
rs11571760
rs61945167
rs2520698
rs1207953
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'SNORA16.csv' on 'Acute Lymphoblastic Leukemia'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rs62439363
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rs75633239
rs911848
rs12209752
rs4709345
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All − MR Egger
All − Inverse variance weighted
−5
0
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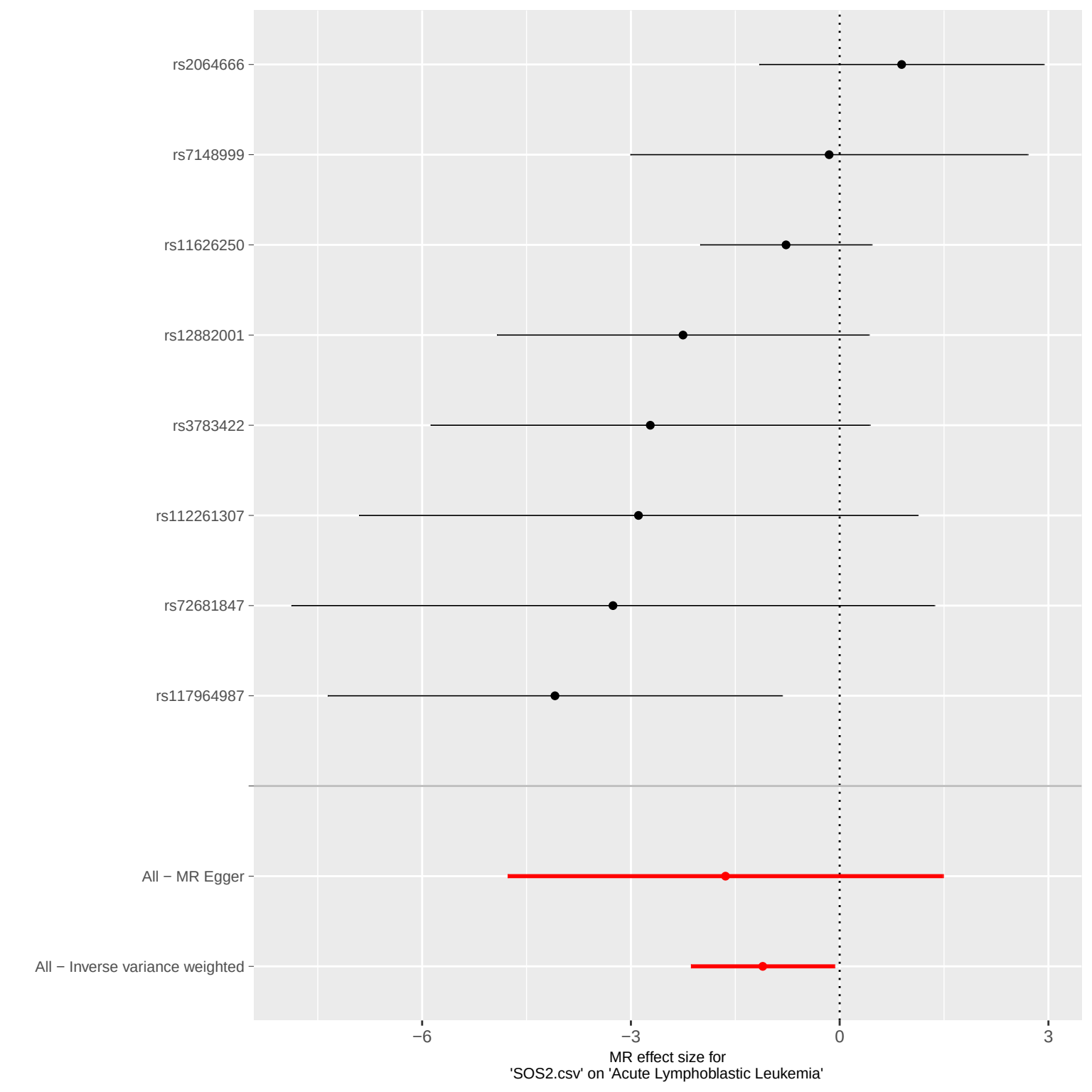
MR effect size for
'SOD2.csv' on 'Acute Lymphoblastic Leukemia'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rs7148999
rs11626250
rs12882001
rs3783422
rs112261307
rs72681847
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All − Inverse variance weighted
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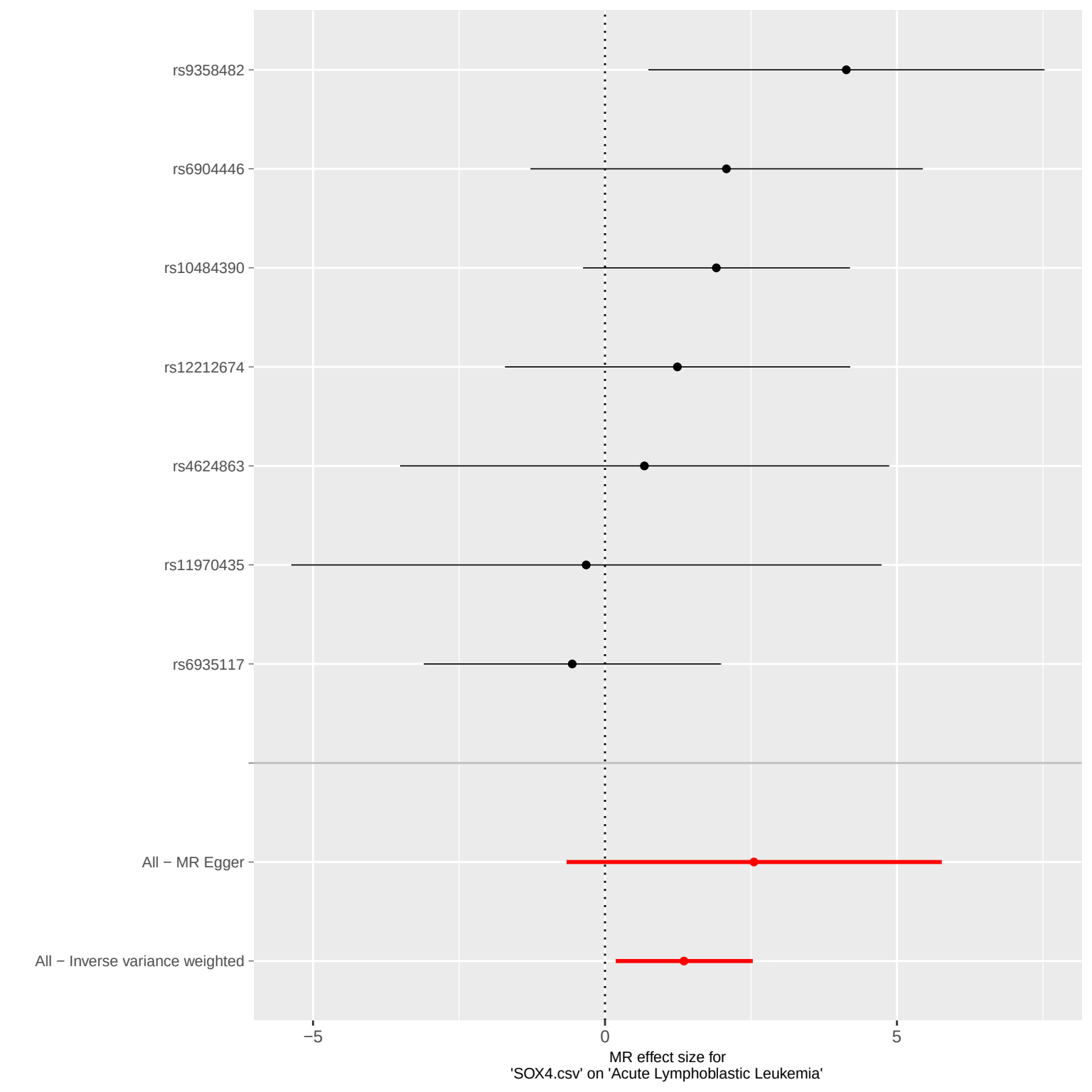
−3
0
3
MR effect size for
'SOS2.csv' on 'Acute Lymphoblastic Leukemia'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rs4624863
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rs6935117
All − MR Egger
All − Inverse variance weighted
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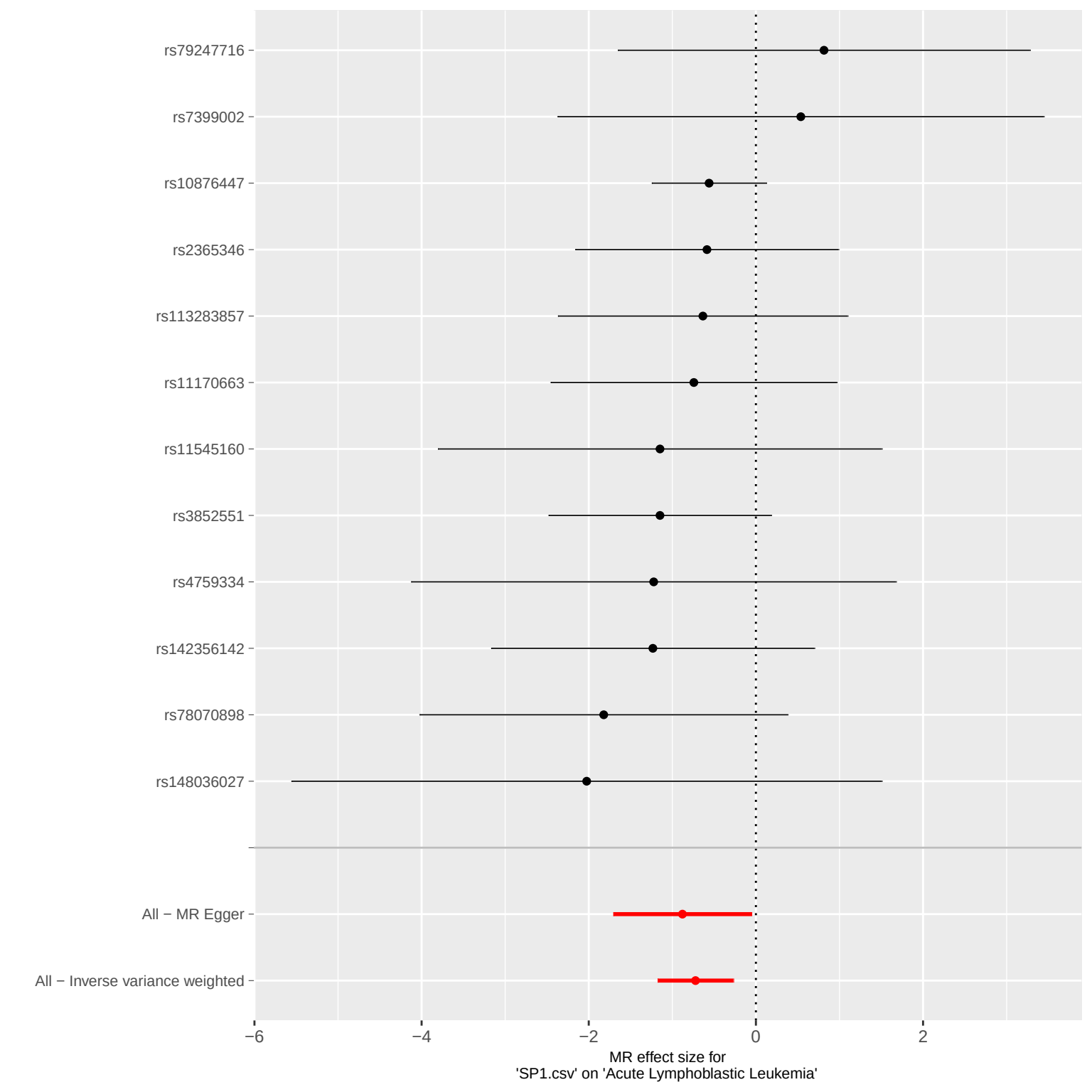
MR effect size for
'SOX4.csv' on 'Acute Lymphoblastic Leukemia'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rs78070898
rs148036027
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
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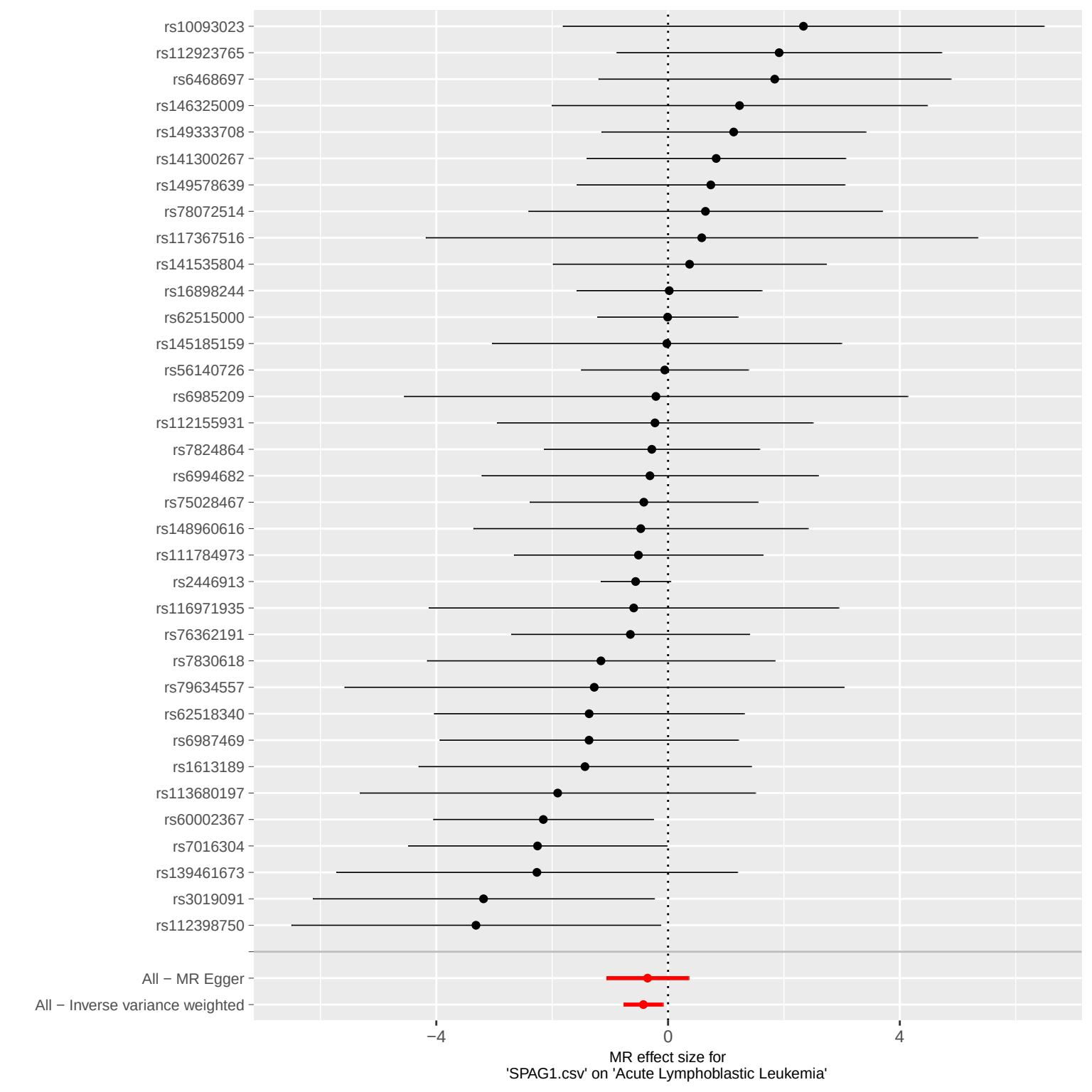
MR effect size for
'SP1.csv' on 'Acute Lymphoblastic Leukemia'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rs113680197
rs60002367
rs7016304
rs139461673
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rs112398750
All − MR Egger
All − Inverse variance weighted
−4
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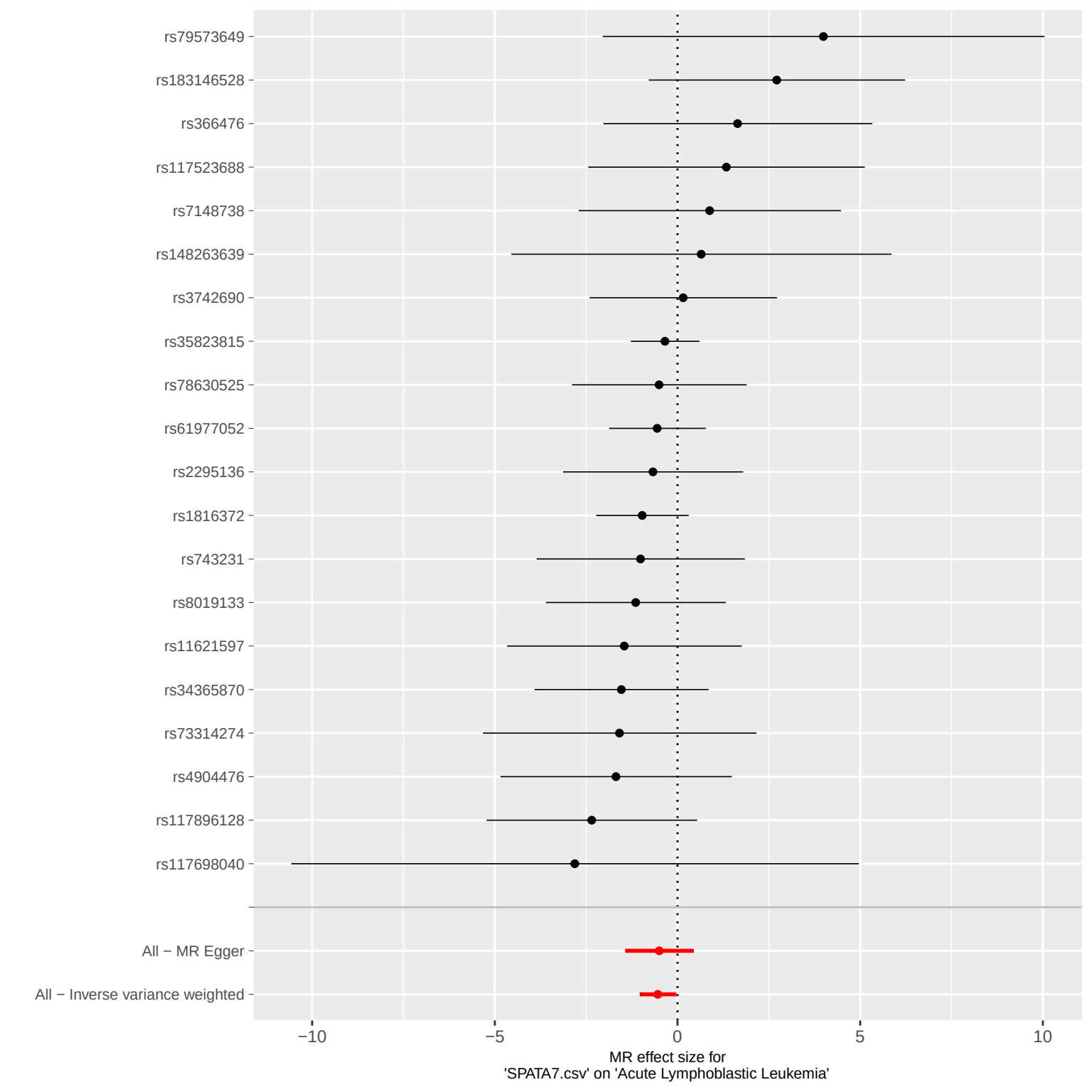
4
MR effect size for
'SPAG1.csv' on 'Acute Lymphoblastic Leukemia'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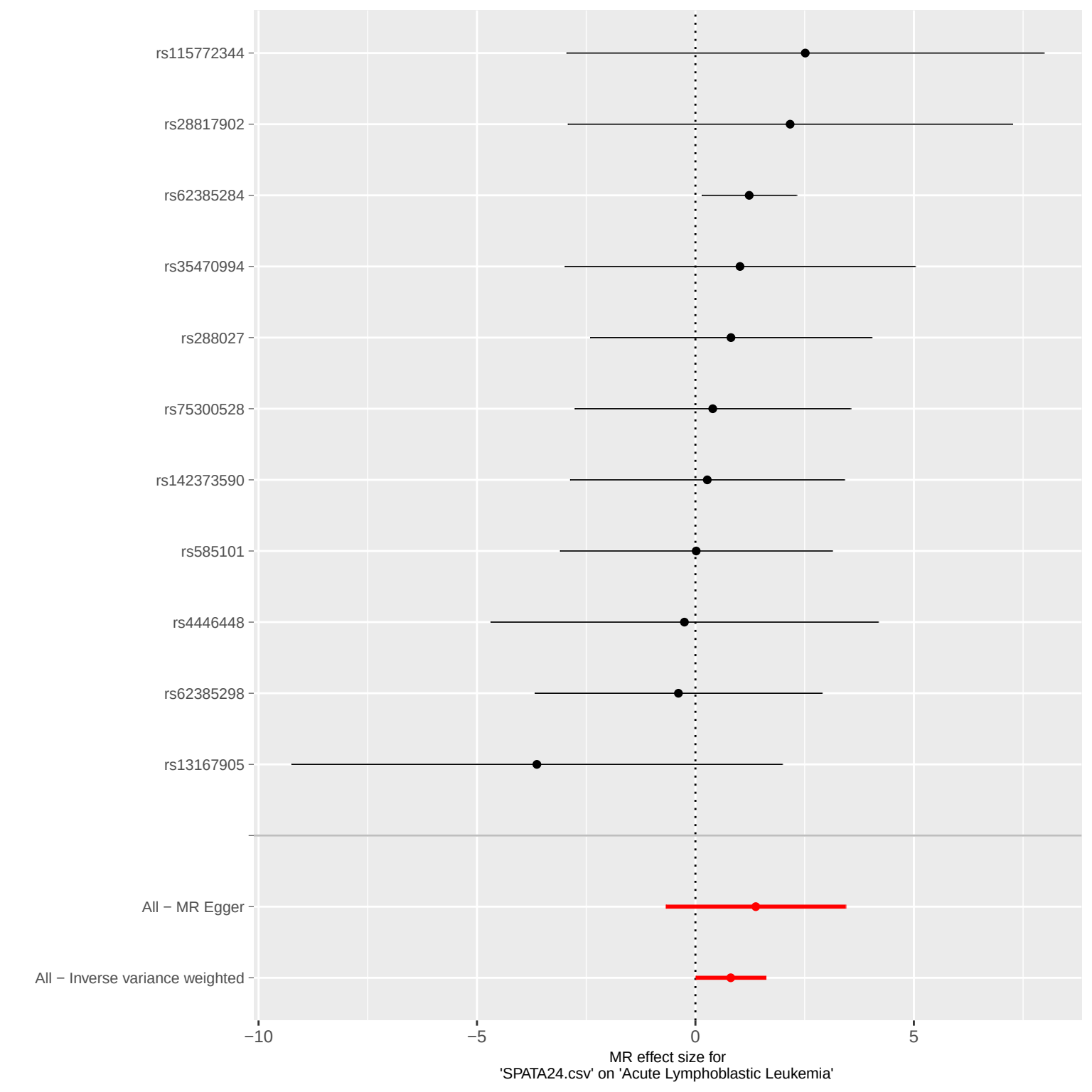
rs11621597
rs34365870
rs73314274
rs4904476
rs117896128
rs117698040
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'SPATA7.csv' on 'Acute Lymphoblastic Leukemia'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rs585101
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rs62385298
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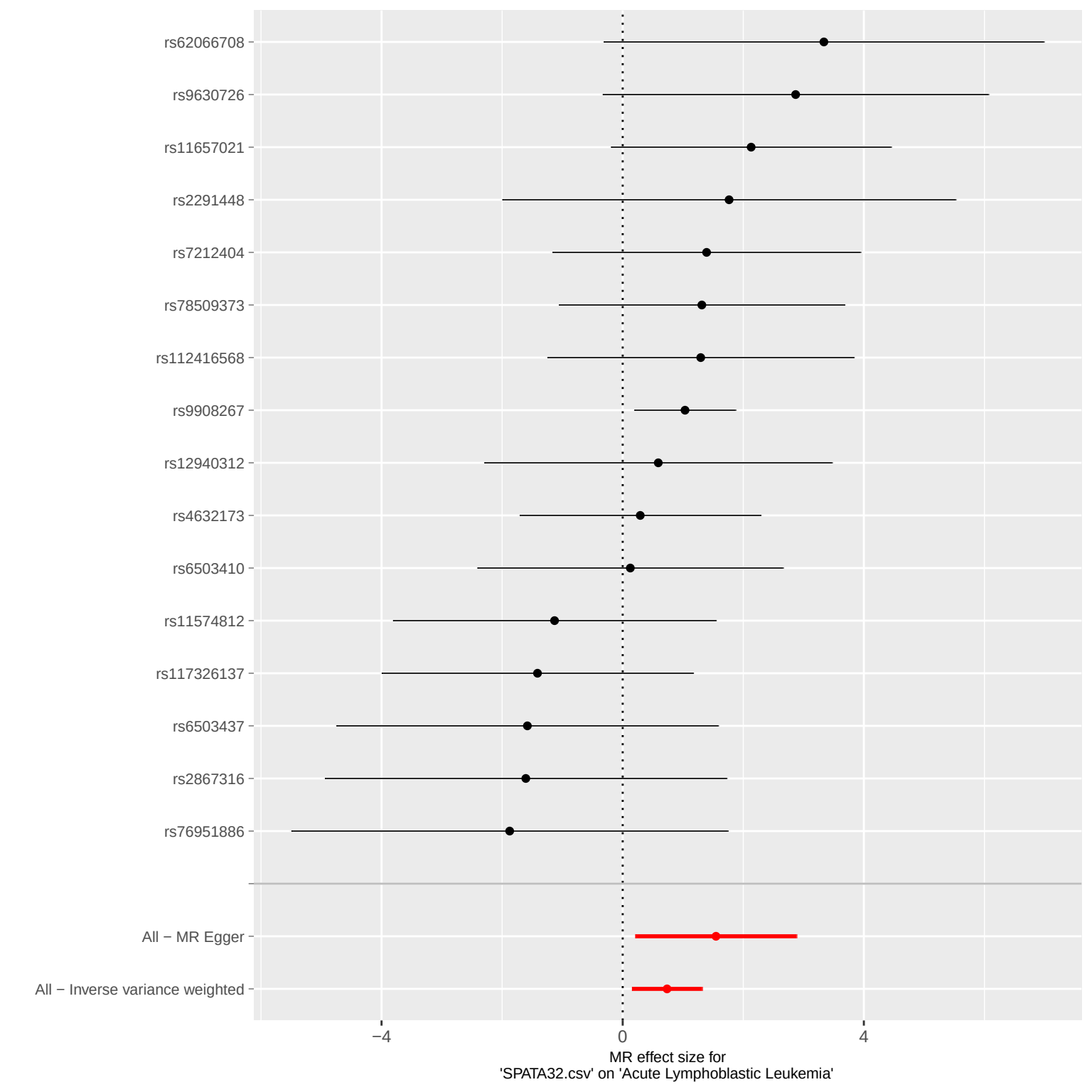
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SPATA24.csv' on 'Acute Lymphoblastic Leukemia'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rs6503437
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All − MR Egger
All − Inverse variance weighted
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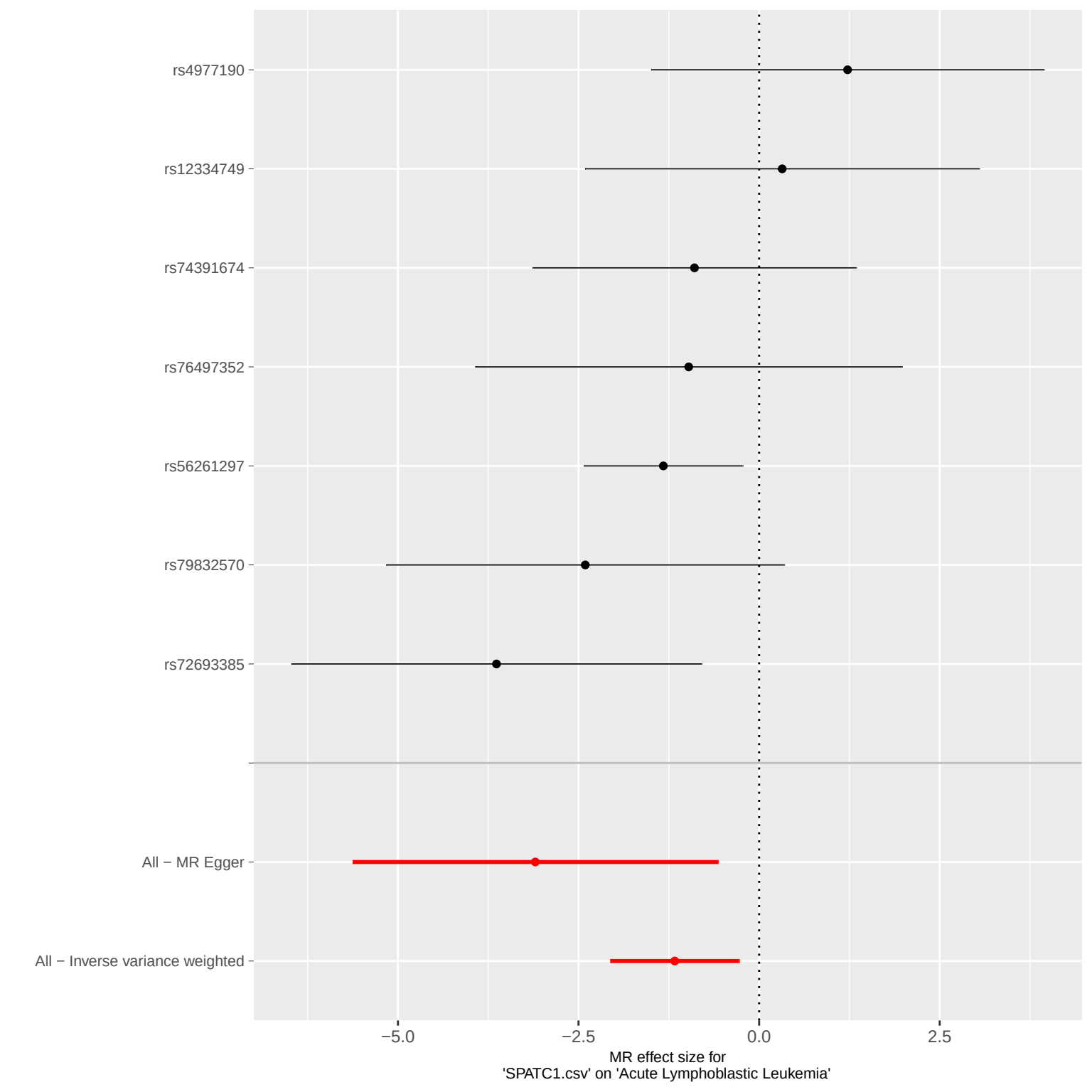
MR effect size for
'SPATA32.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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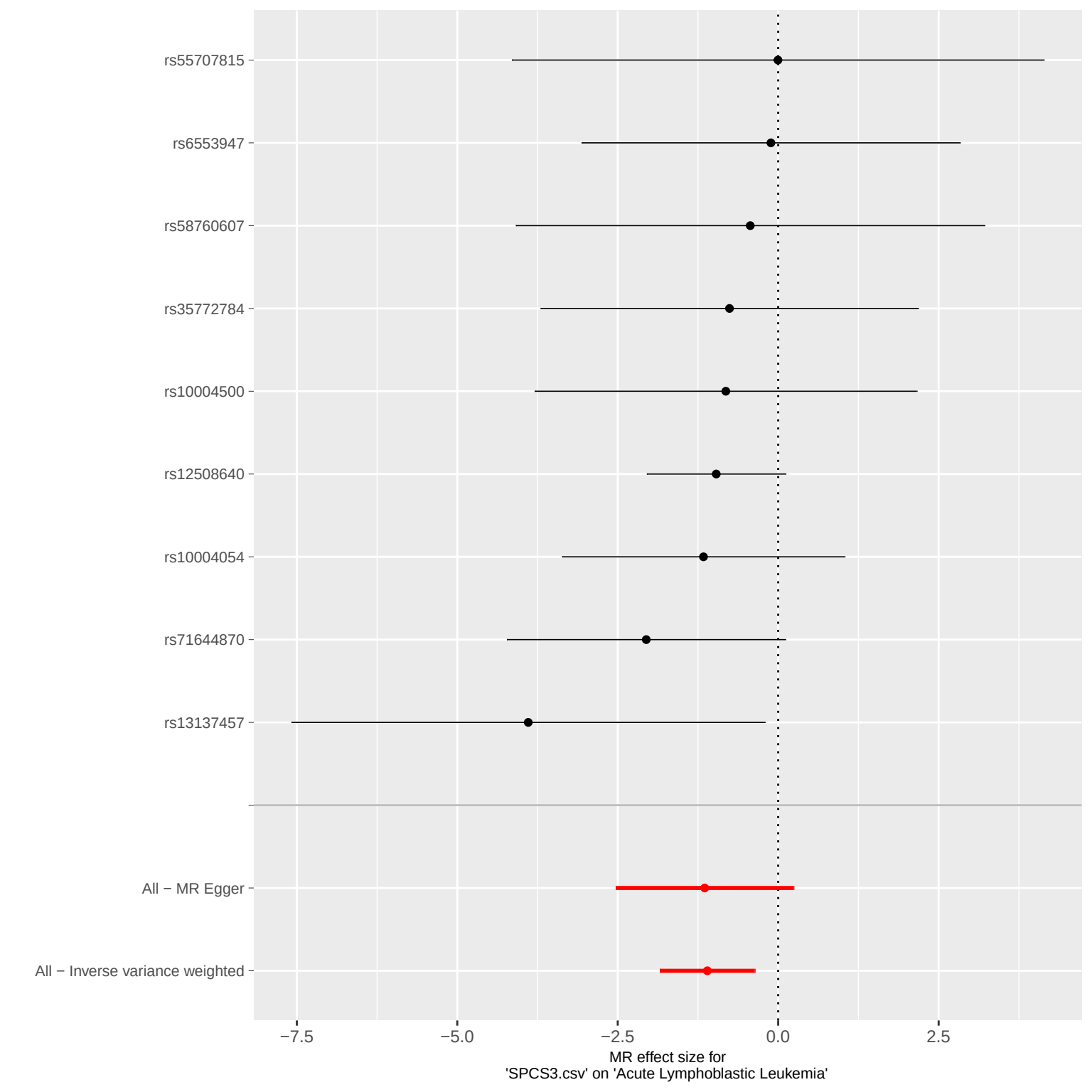
0.0
2.5
MR effect size for
'SPATC1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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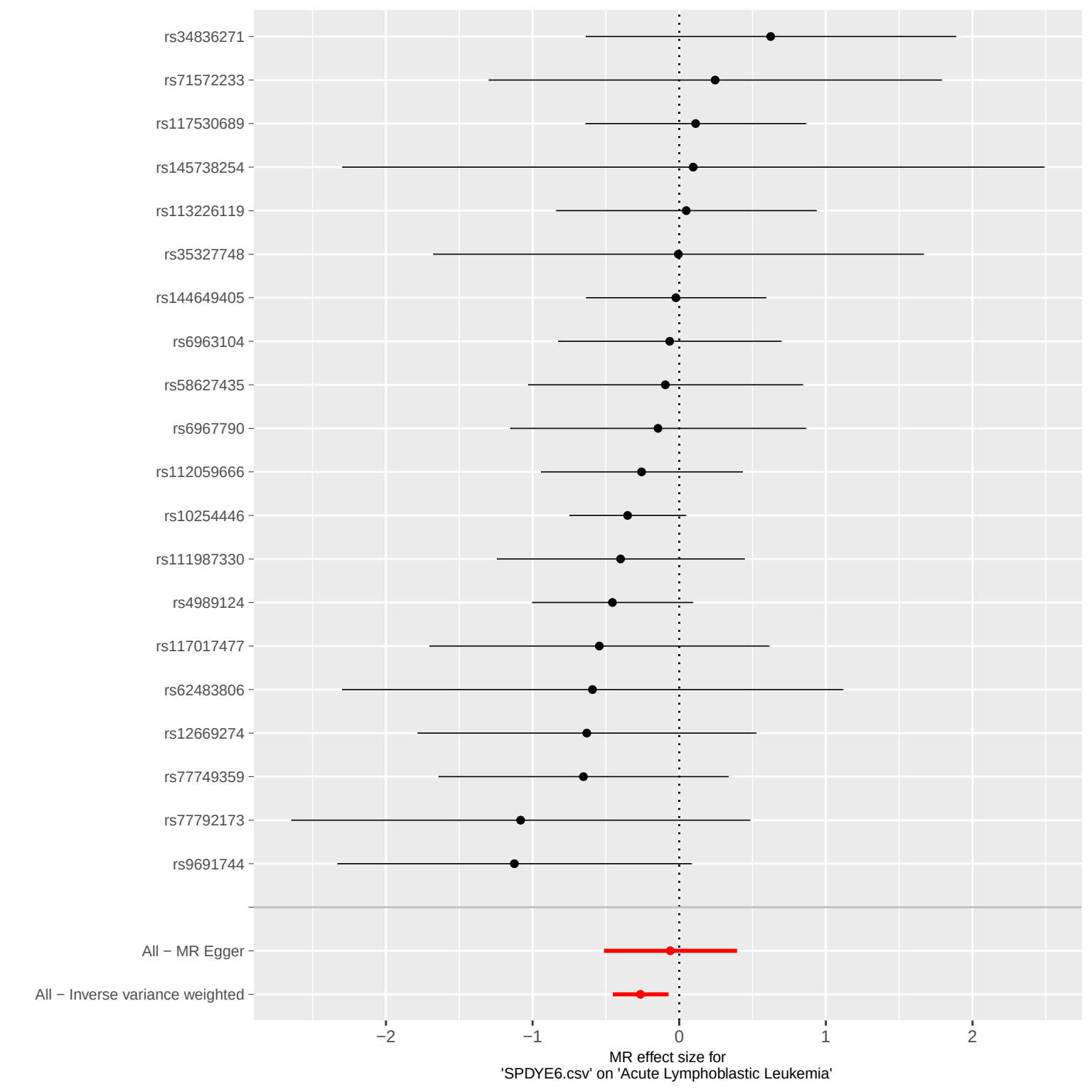
−5.0
−2.5
0.0
2.5
MR effect size for
'SPCS3.csv' on 'Acute Lymphoblastic Leukemia'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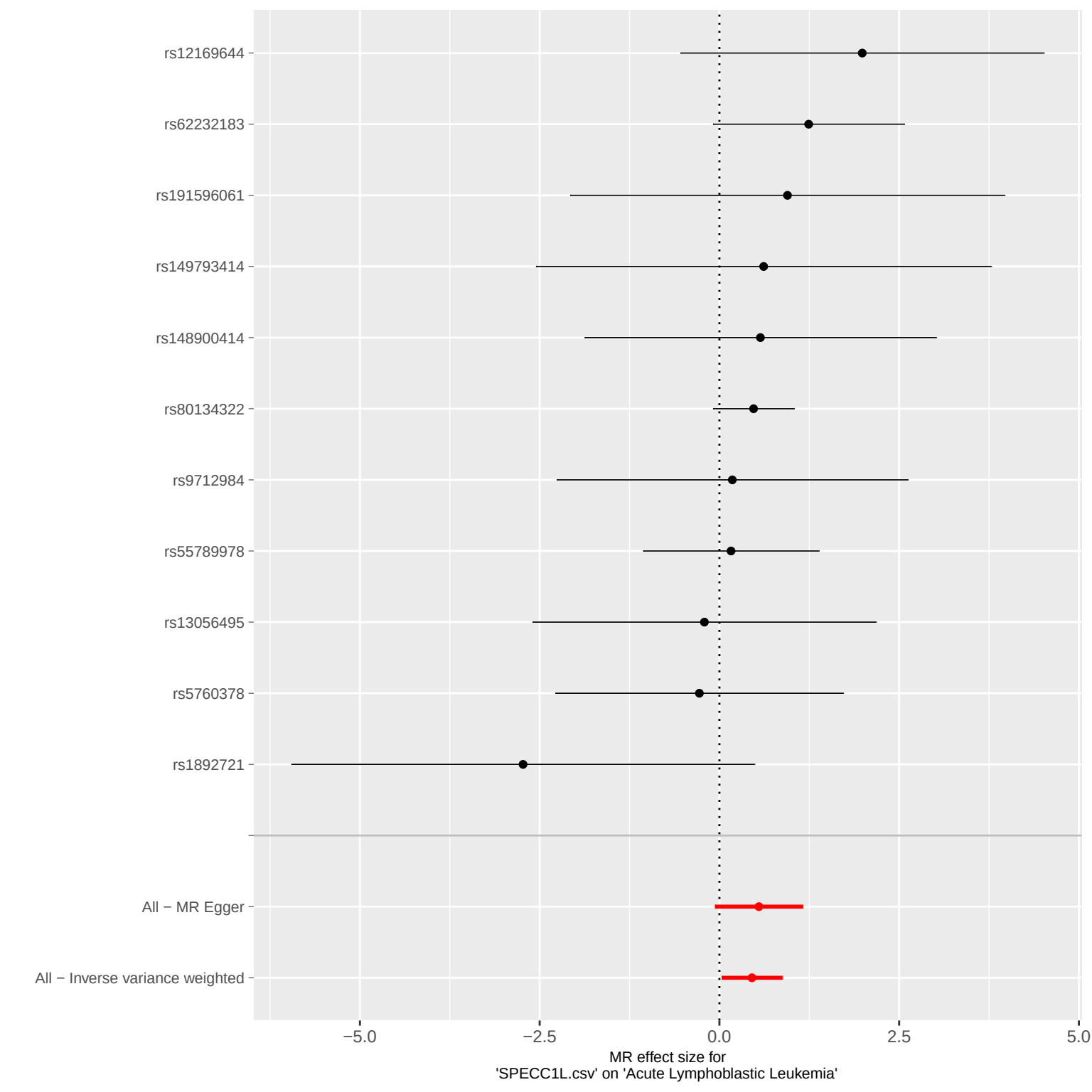
rs117017477
rs62483806
rs12669274
rs77749359
rs77792173
rs9691744
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'SPDYE6.csv' on 'Acute Lymphoblastic Leukemia'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rs1892721
All − MR Egger
All − Inverse variance weighted
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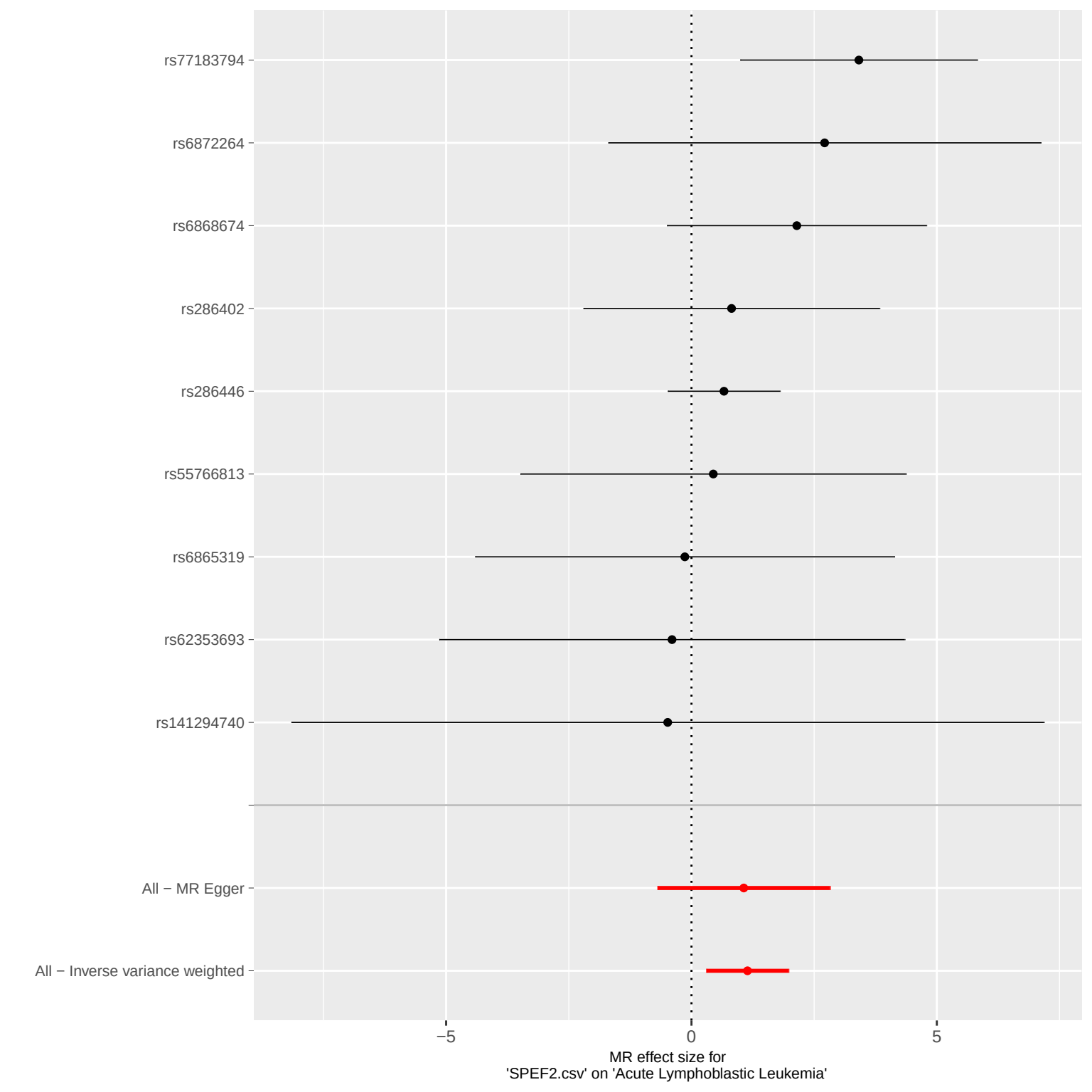
−2.5
0.0
2.5
5.0
MR effect size for
'SPECC1L.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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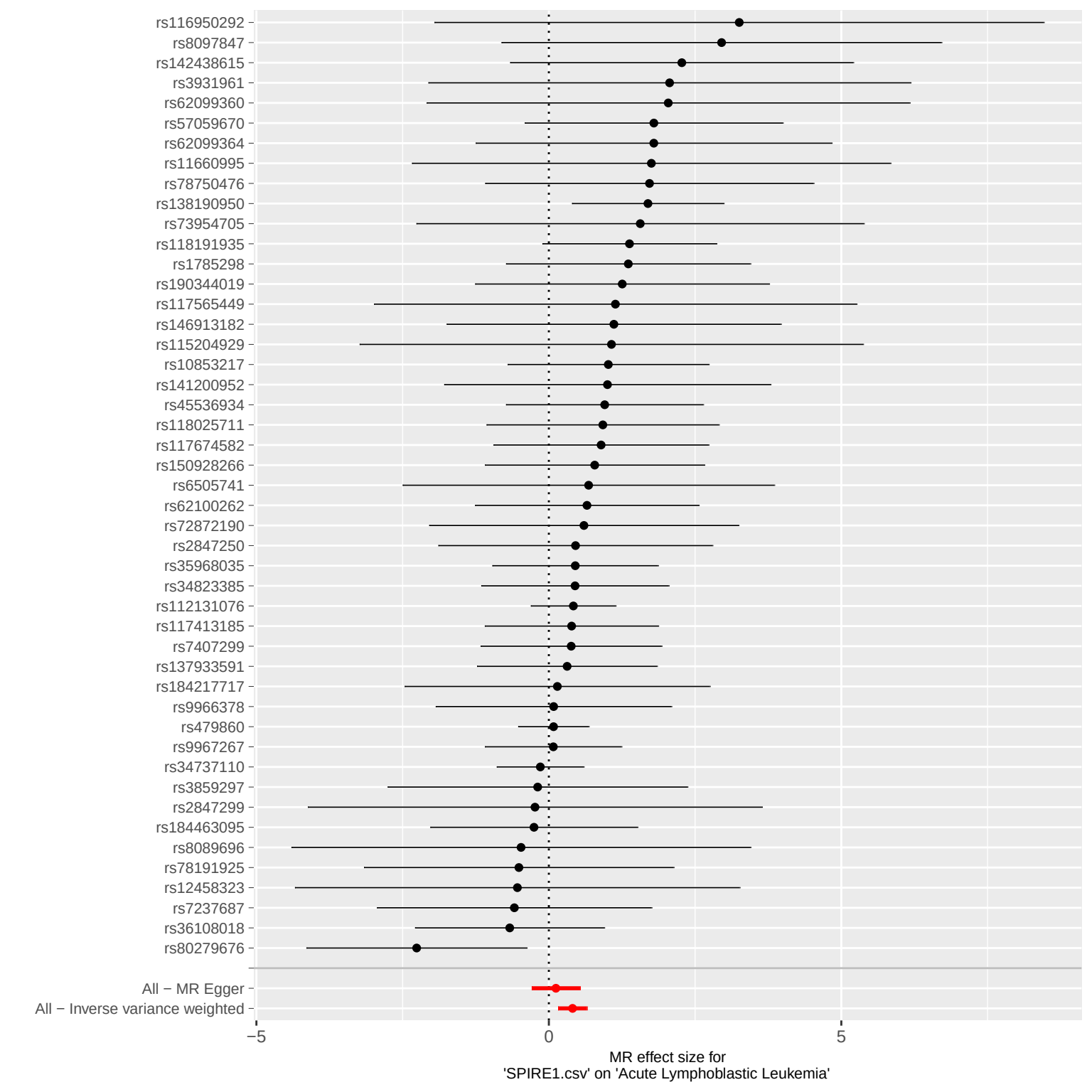
MR effect size for
'SPEF2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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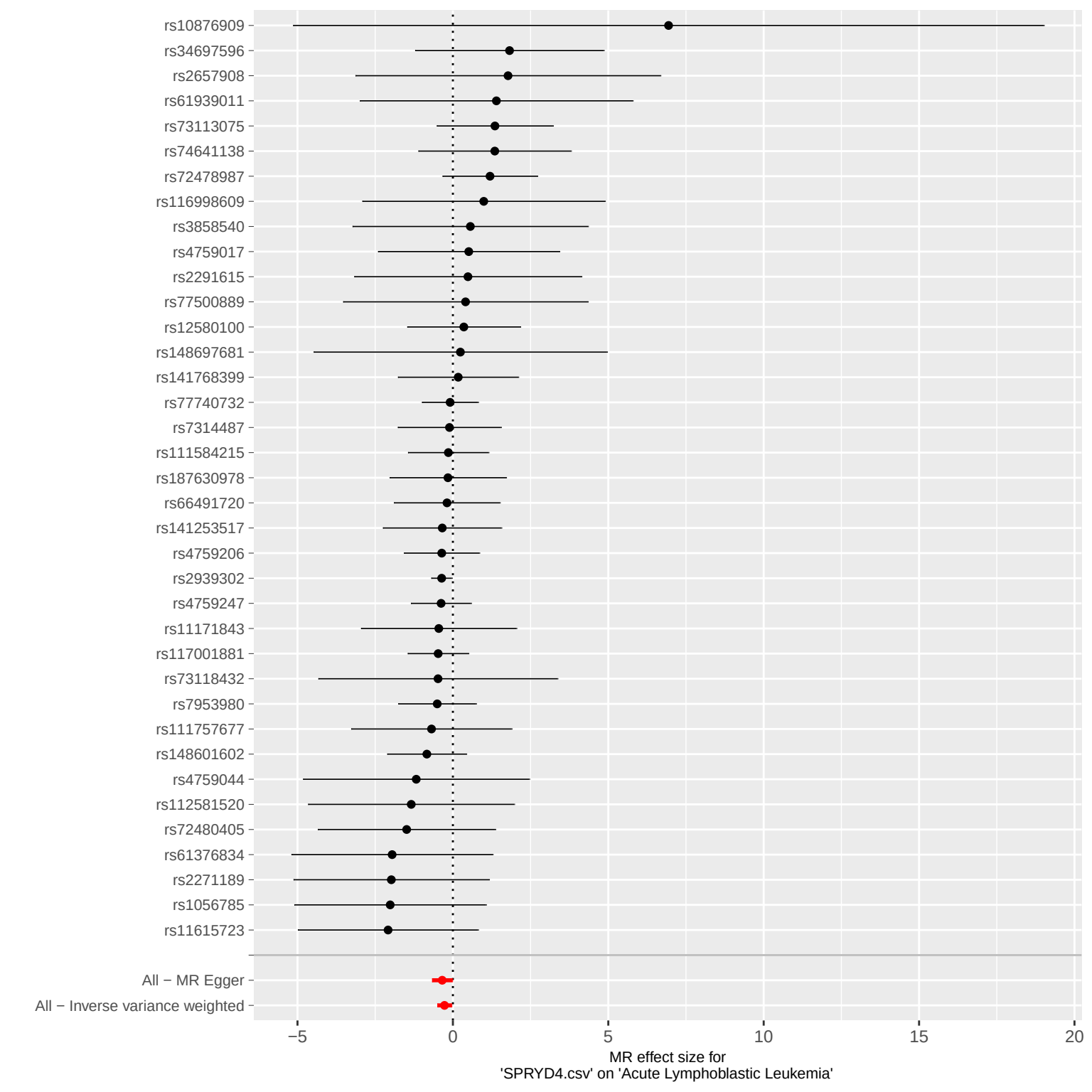
MR effect size for
'SPIRE1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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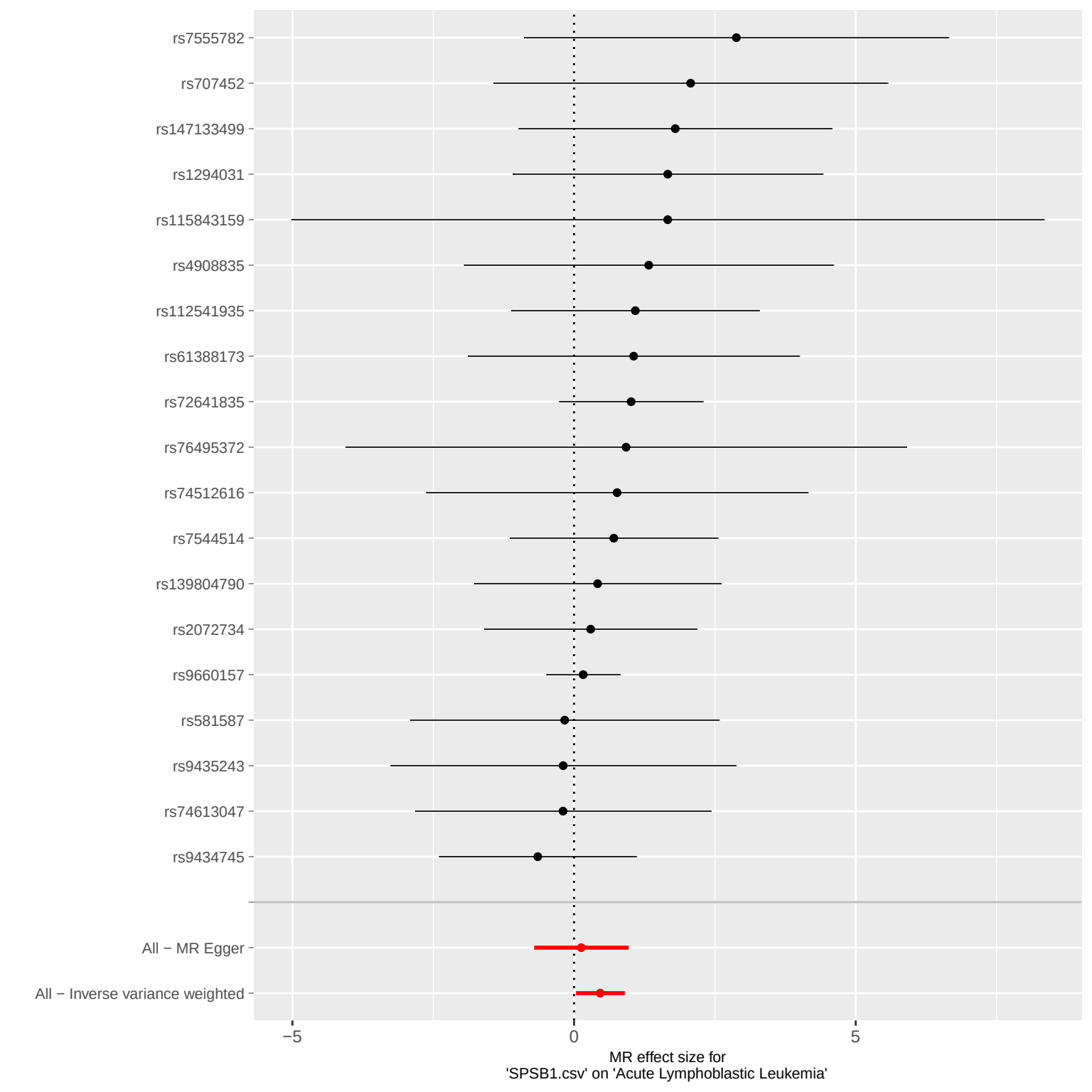
10
15
20
MR effect size for
'SPRYD4.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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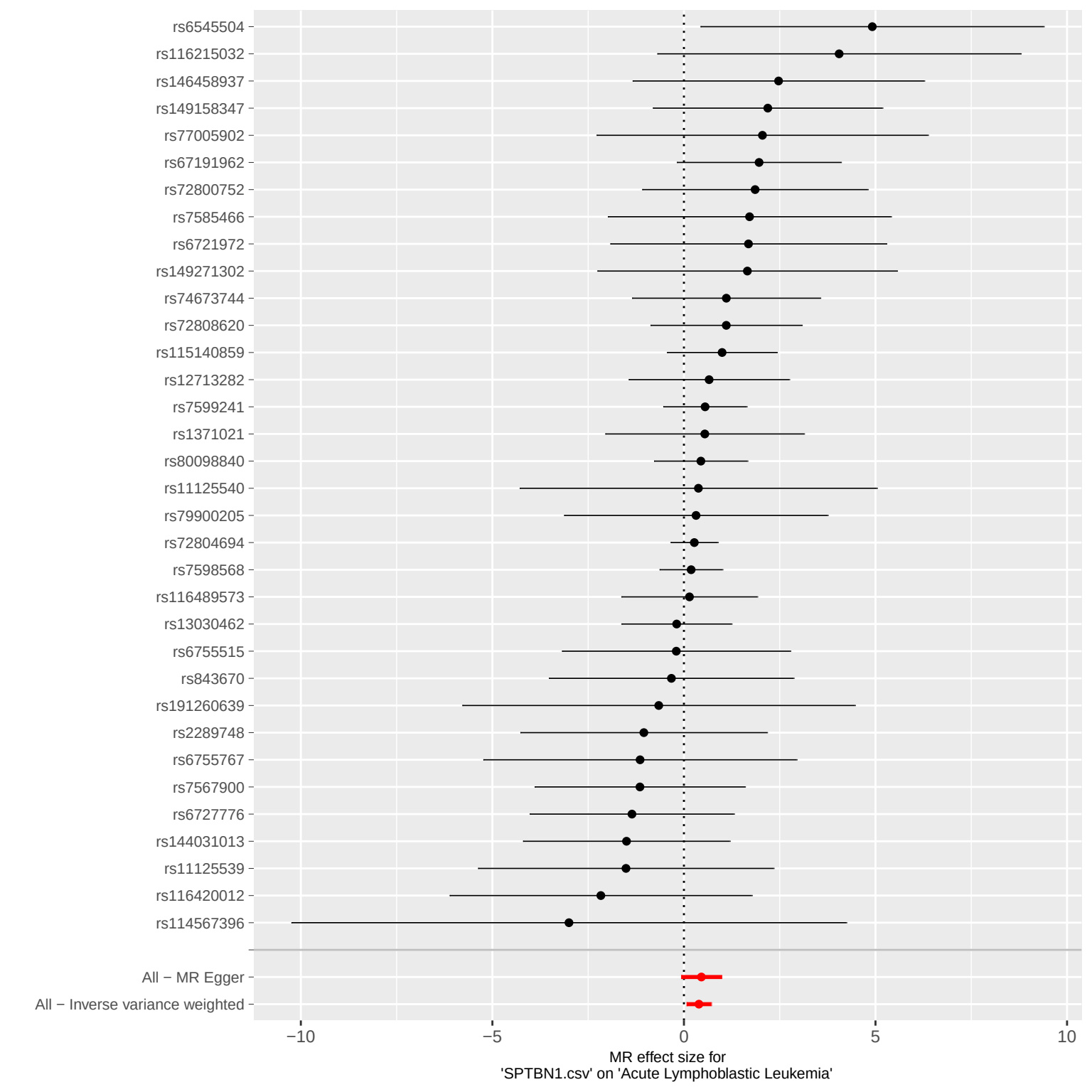
MR effect size for
'SPSB1.csv' on 'Acute Lymphoblastic Leukemia'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rs11125539
rs116420012
rs114567396
All − MR Egger
All − Inverse variance weighted
−10
−5
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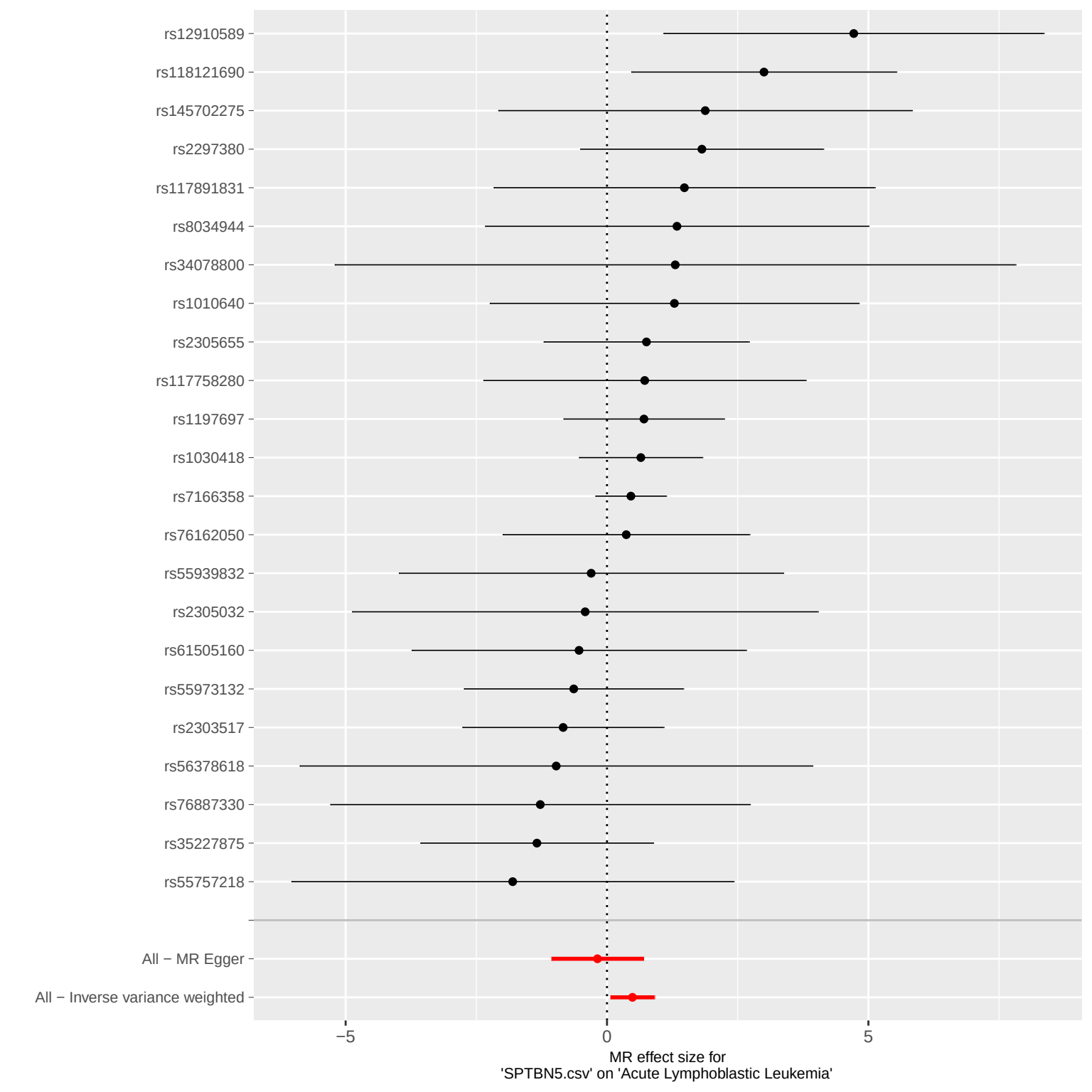
10
MR effect size for
'SPTBN1.csv' on 'Acute Lymphoblastic Leukemia'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rs55973132
rs2303517
rs56378618
rs76887330
rs35227875
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All − MR Egger
All − Inverse variance weighted
−5
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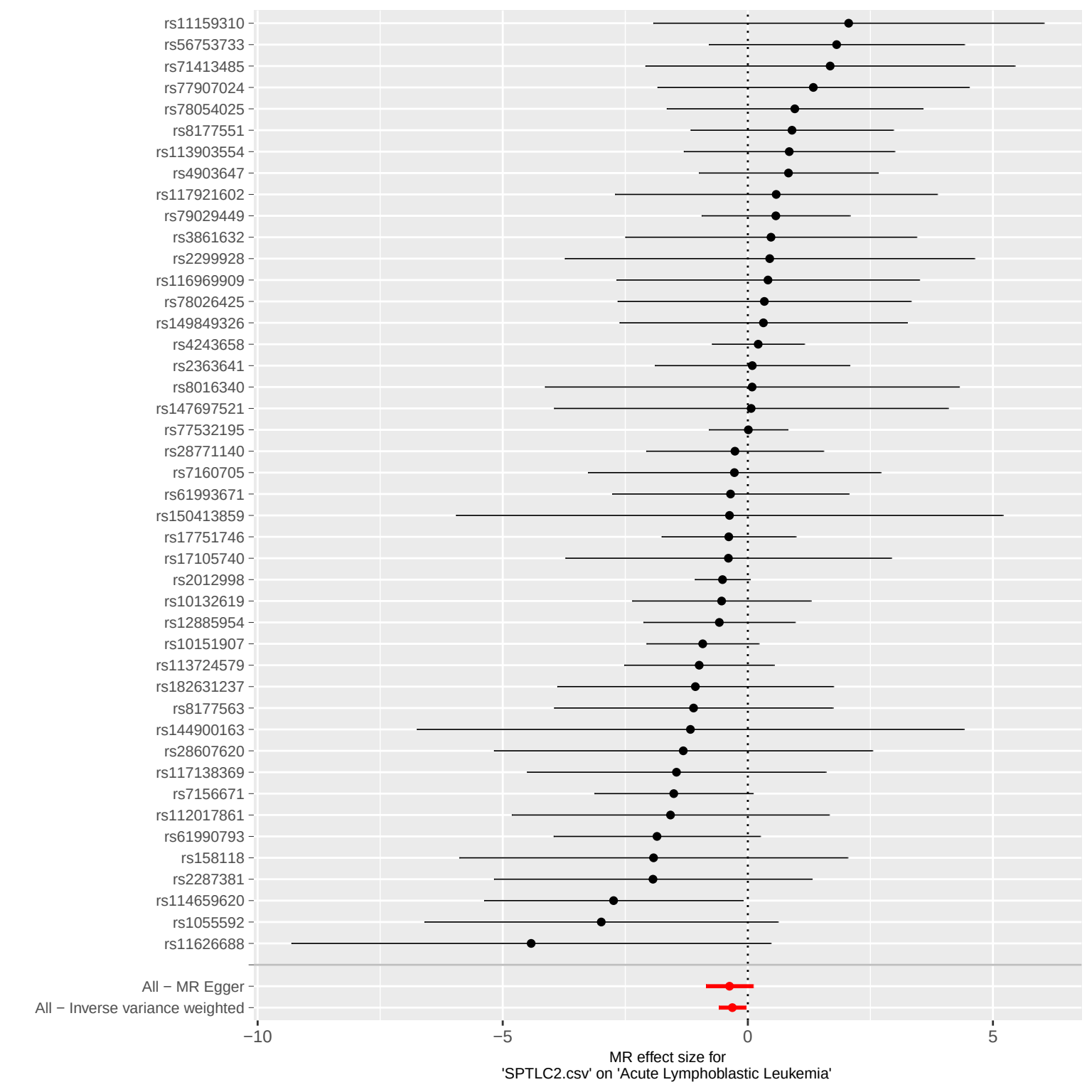
MR effect size for
'SPTBN5.csv' on 'Acute Lymphoblastic Leukemia'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rs114659620
rs1055592
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All − MR Egger
All − Inverse variance weighted
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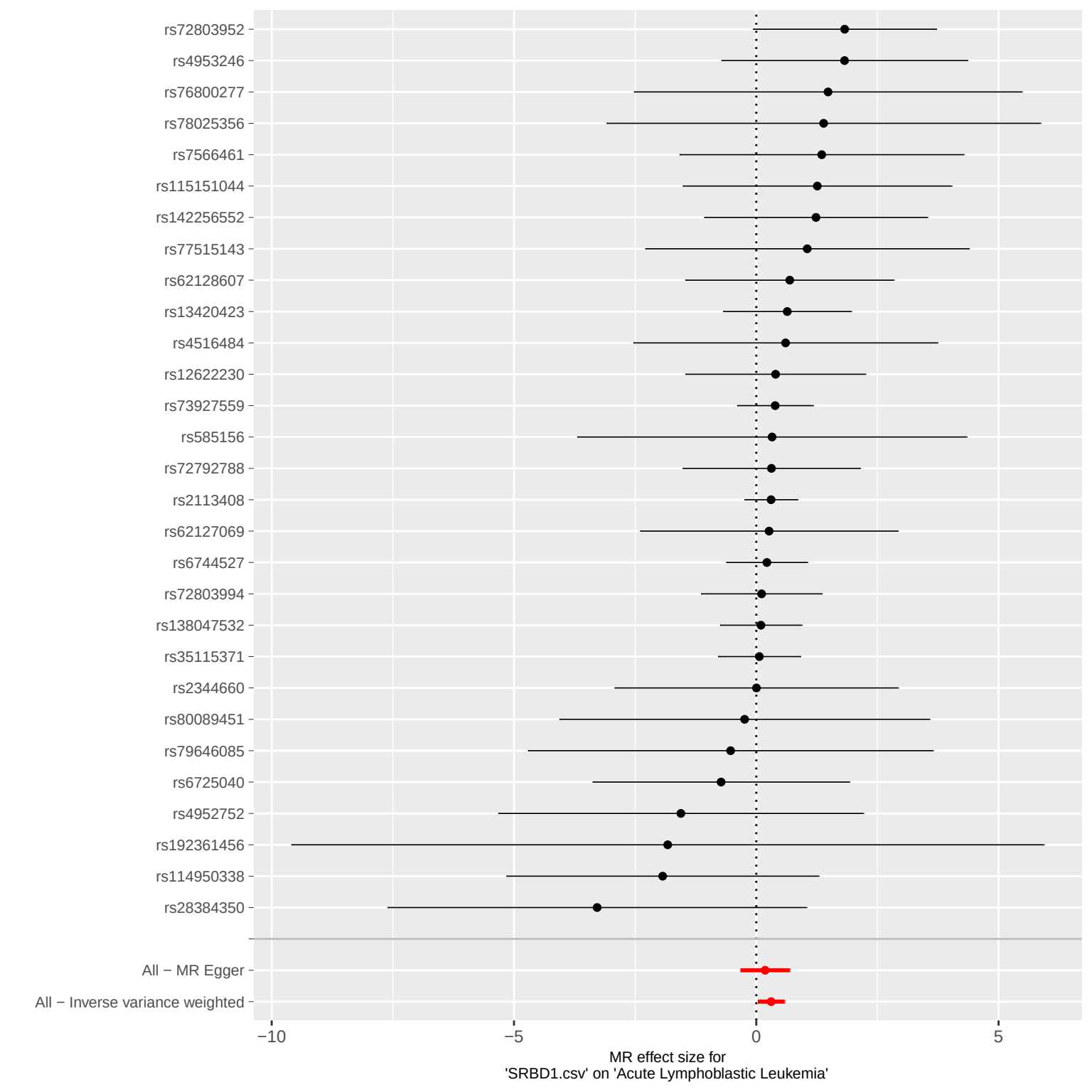
−5
0
5
MR effect size for
'SPTLC2.csv' on 'Acute Lymphoblastic Leukemia'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rs35115371
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rs6725040
rs4952752
rs192361456
rs114950338
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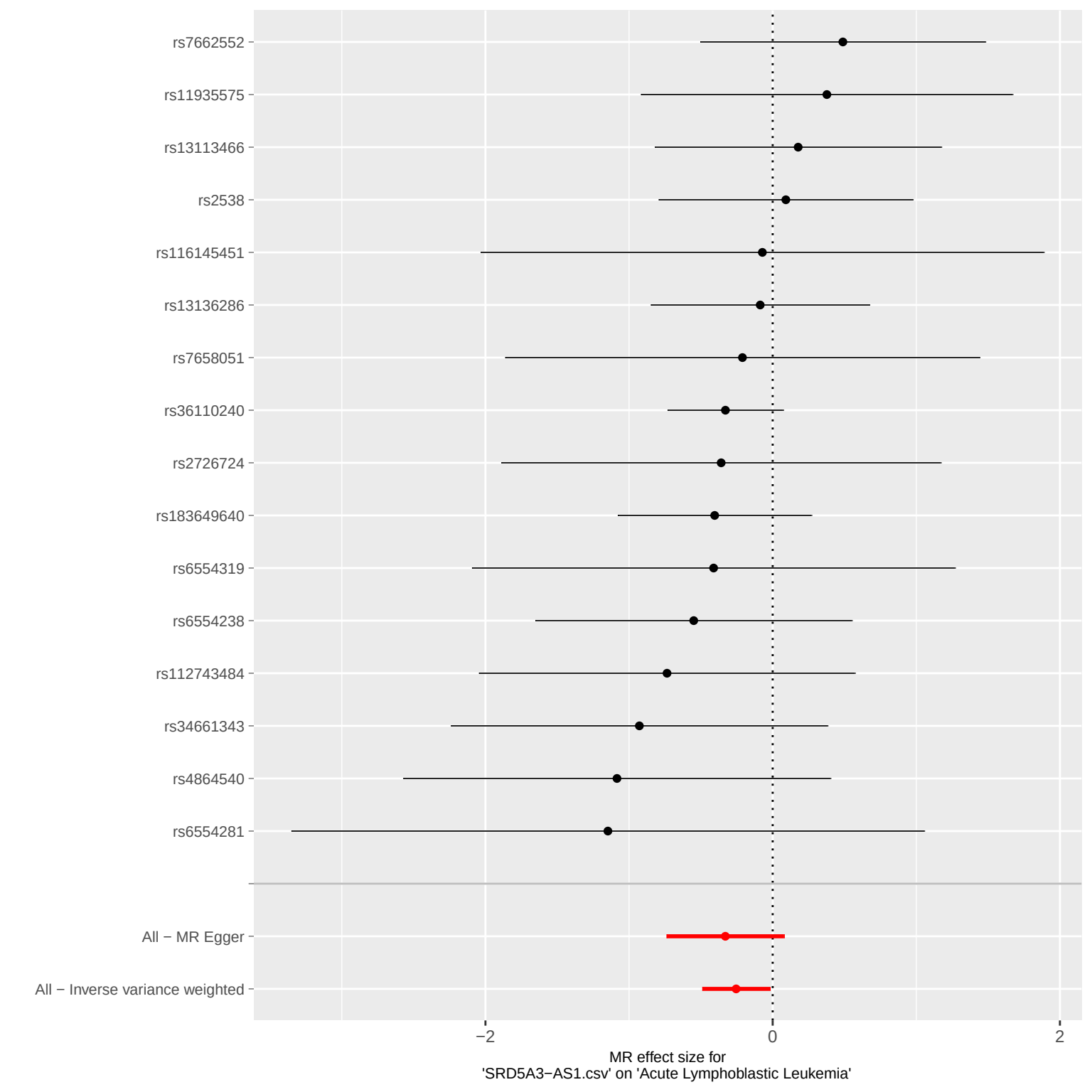
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SRBD1.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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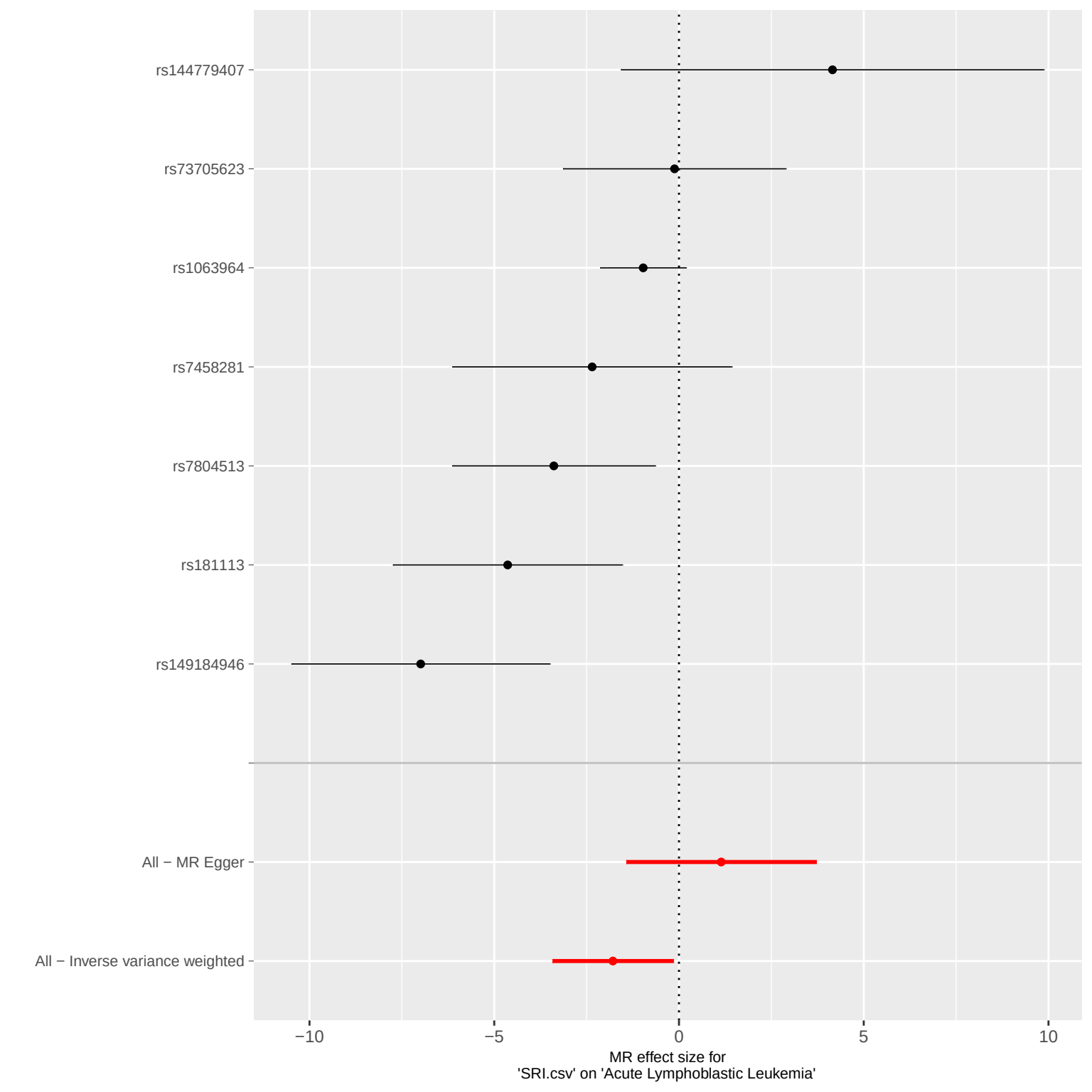
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MR effect size for
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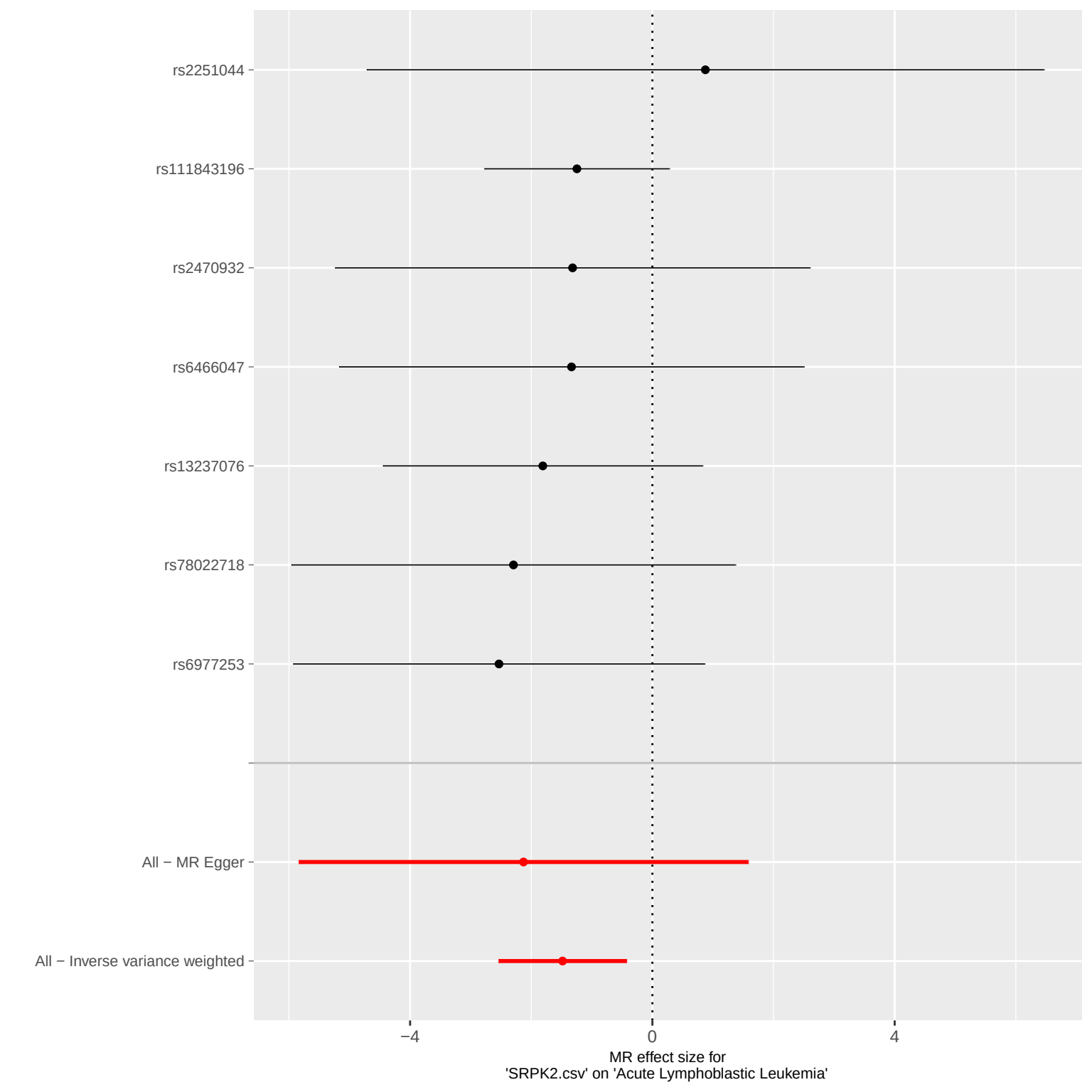
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MR effect size for
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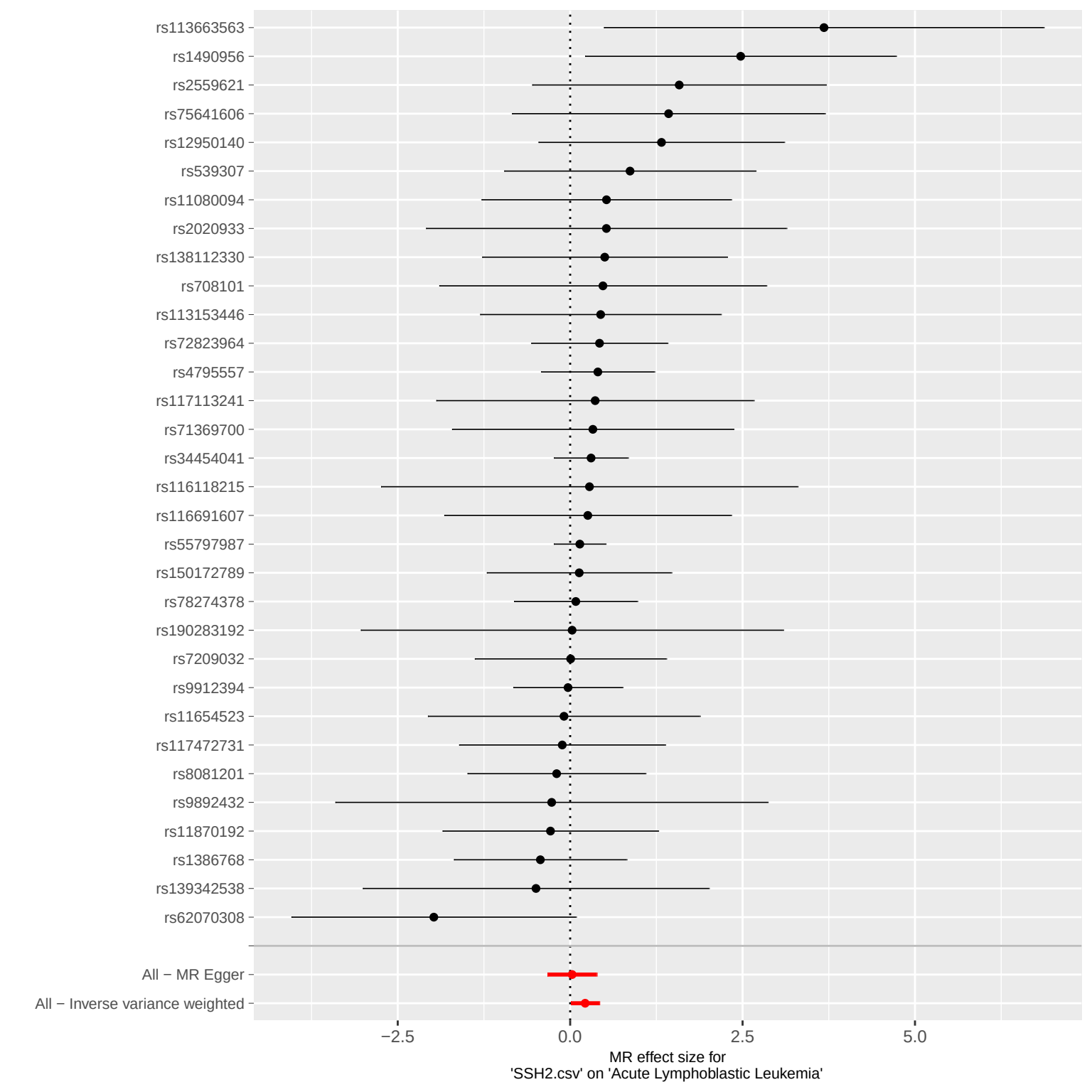
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rs34454041
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All − Inverse variance weighted
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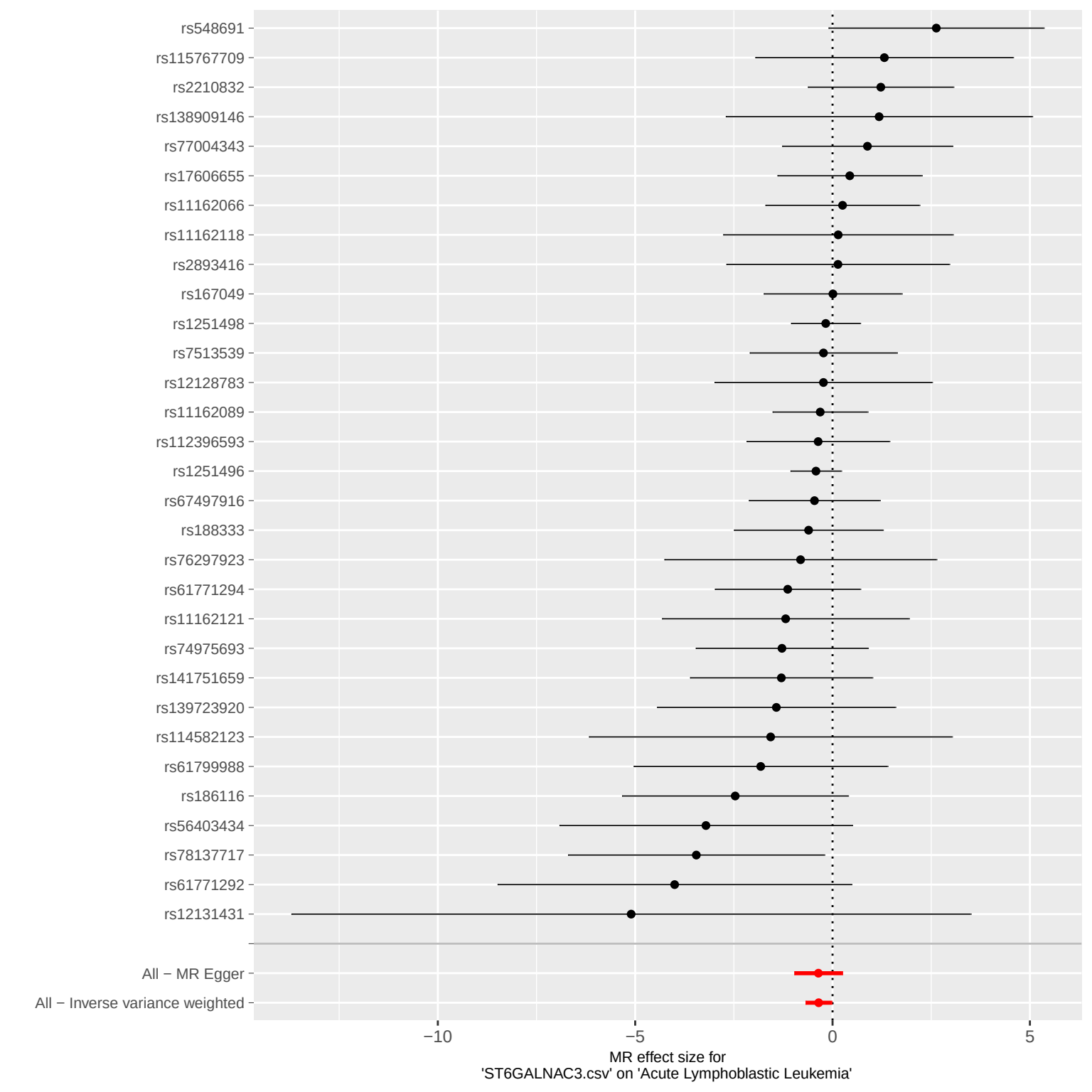
MR effect size for
'SSH2.csv' on 'Acute Lymphoblastic Leukemia'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rs61799988
rs186116
rs56403434
rs78137717
rs61771292
rs12131431
All − MR Egger
All − Inverse variance weighted
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−5
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MR effect size for
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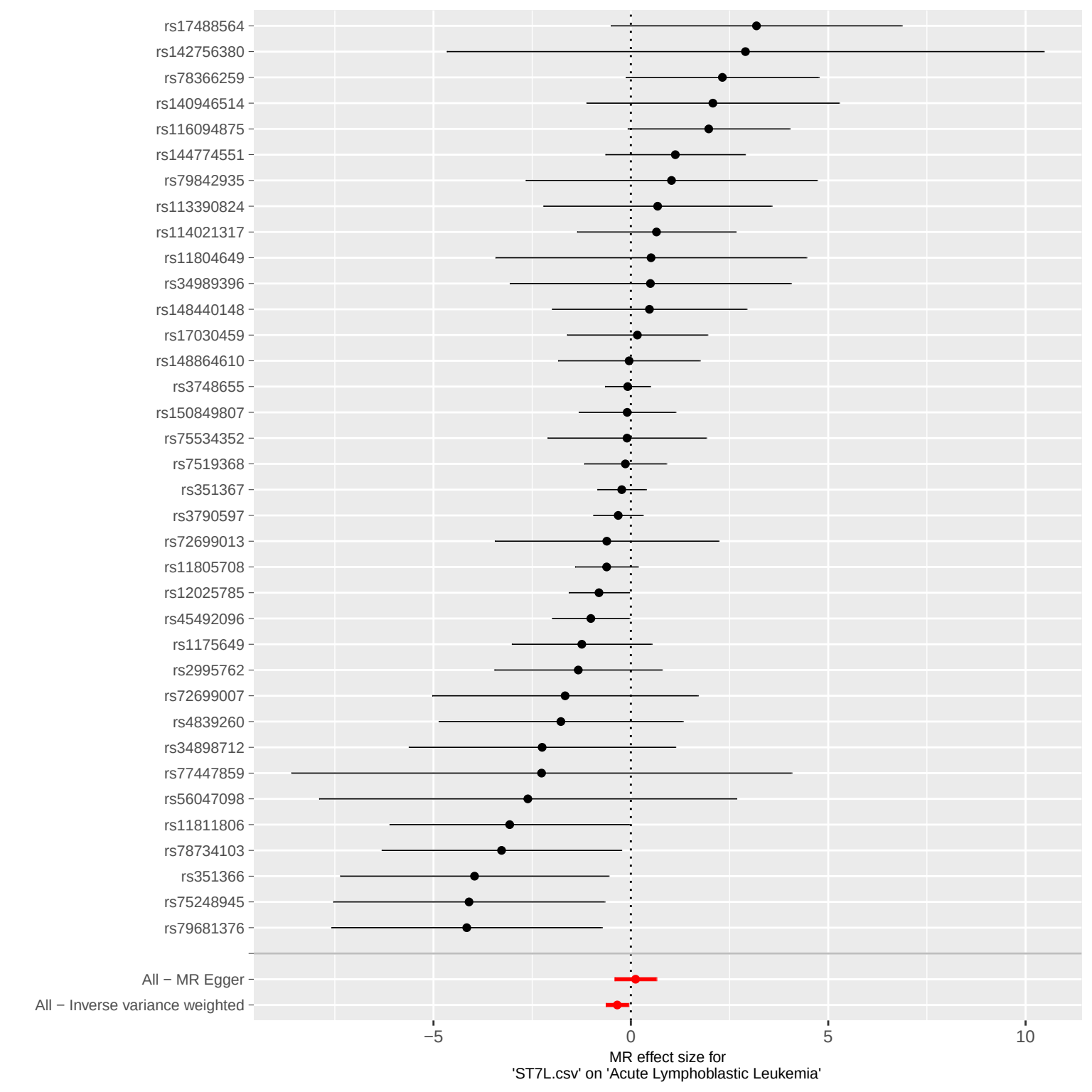
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rs75248945
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All − Inverse variance weighted
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MR effect size for
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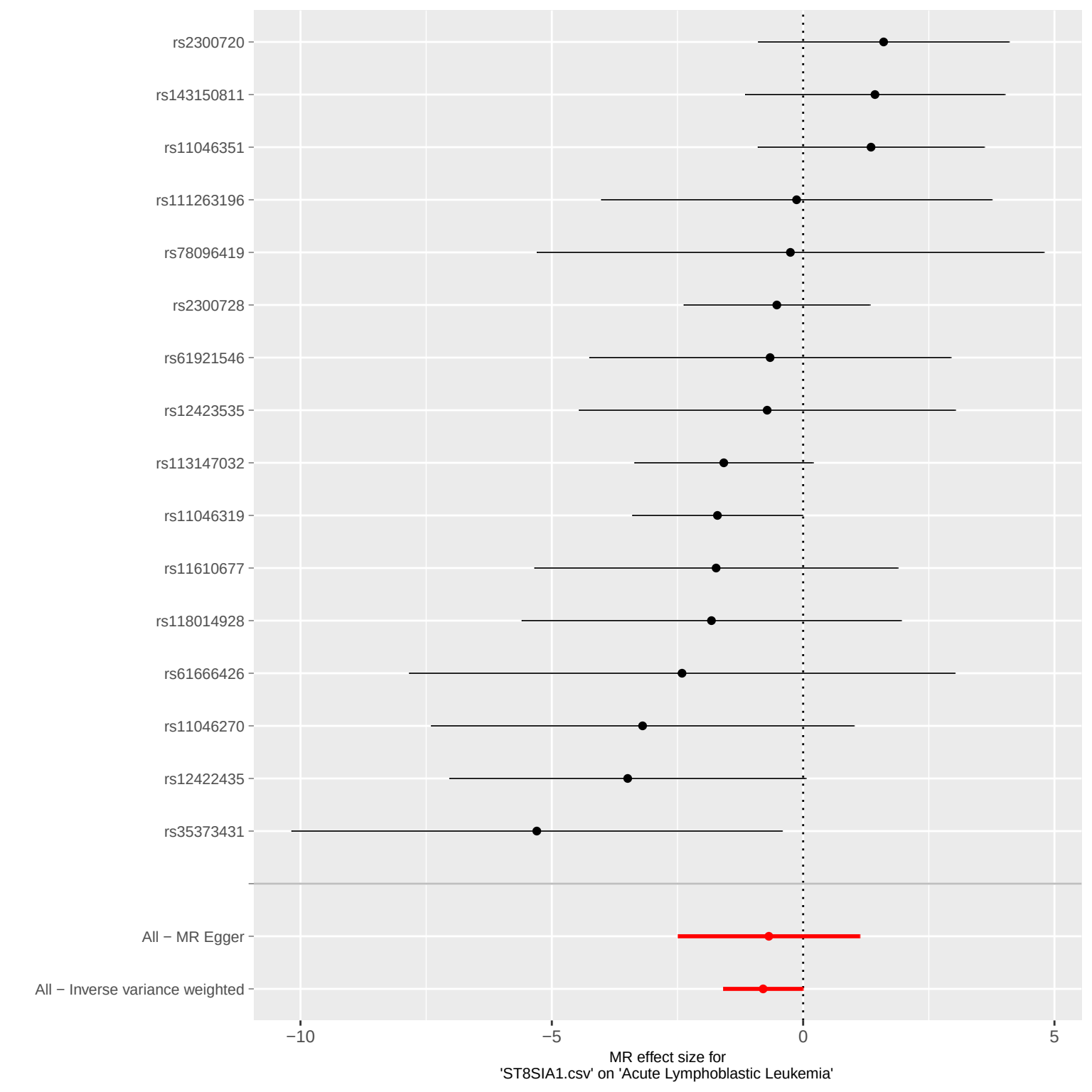
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All − MR Egger
All − Inverse variance weighted
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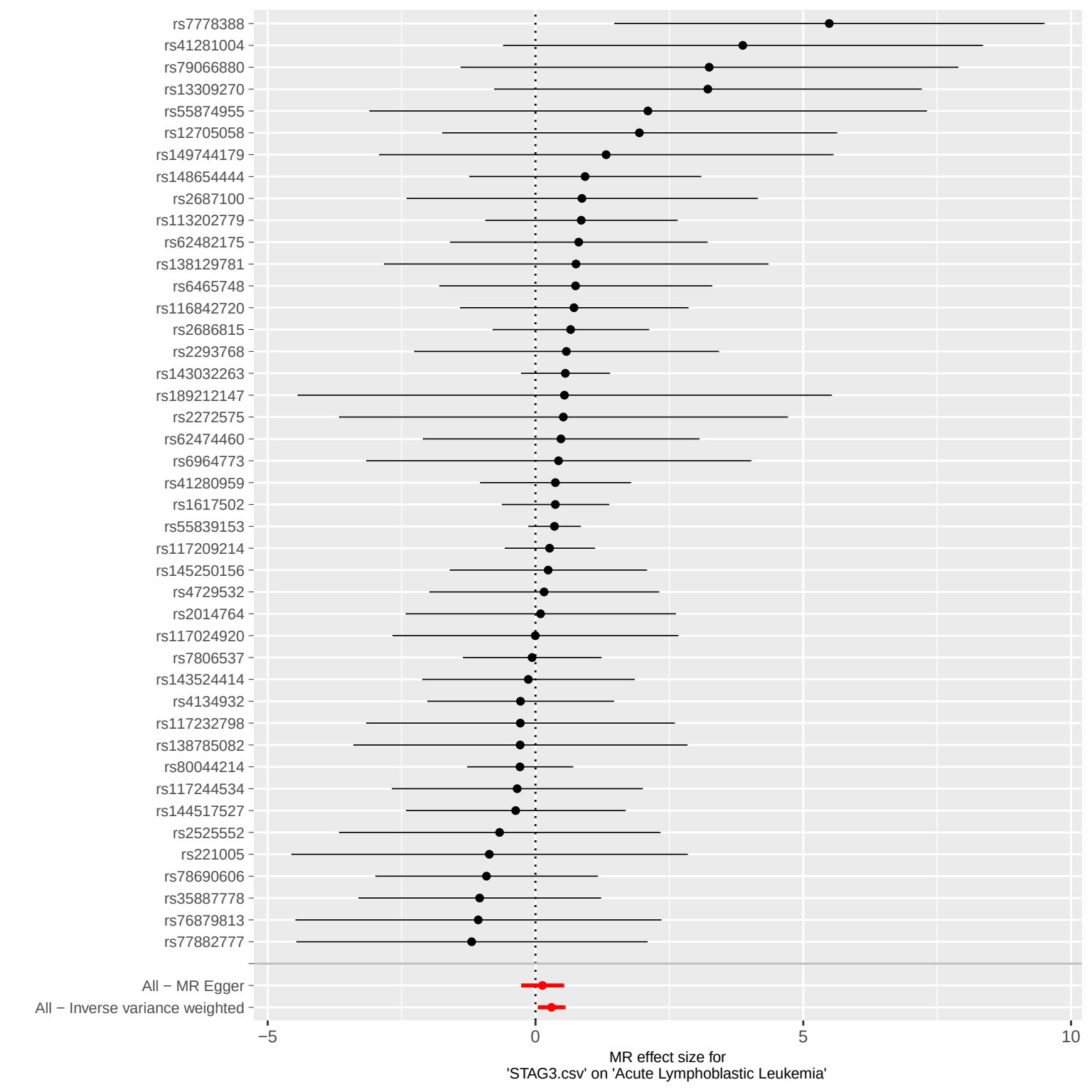
MR effect size for
'ST8SIA1.csv' on 'Acute Lymphoblastic Leukemia'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rs2293768
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rs138785082
rs80044214
rs117244534
rs144517527
rs2525552
rs221005
rs78690606
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All − Inverse variance weighted
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MR effect size for
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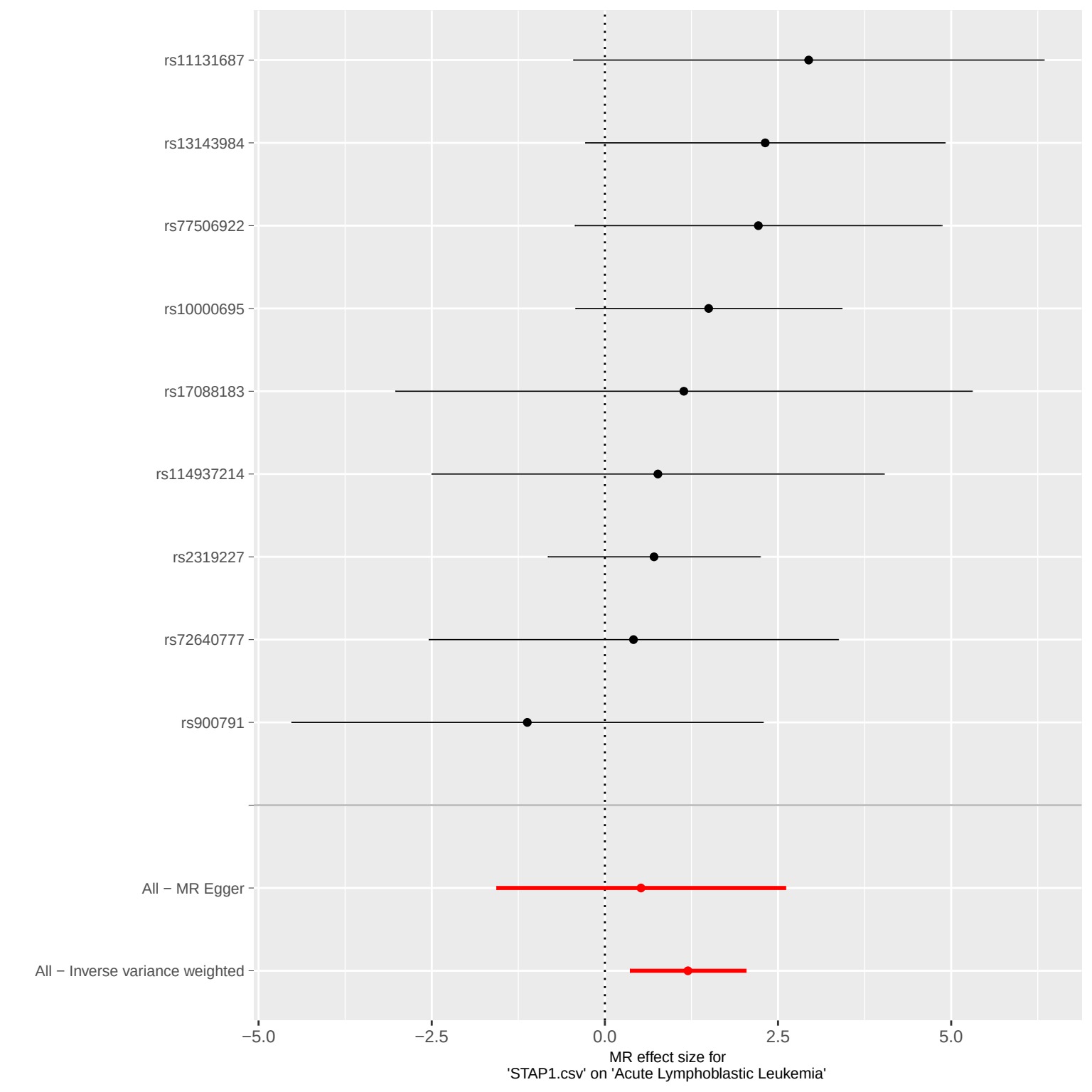
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All − MR Egger
All − Inverse variance weighted
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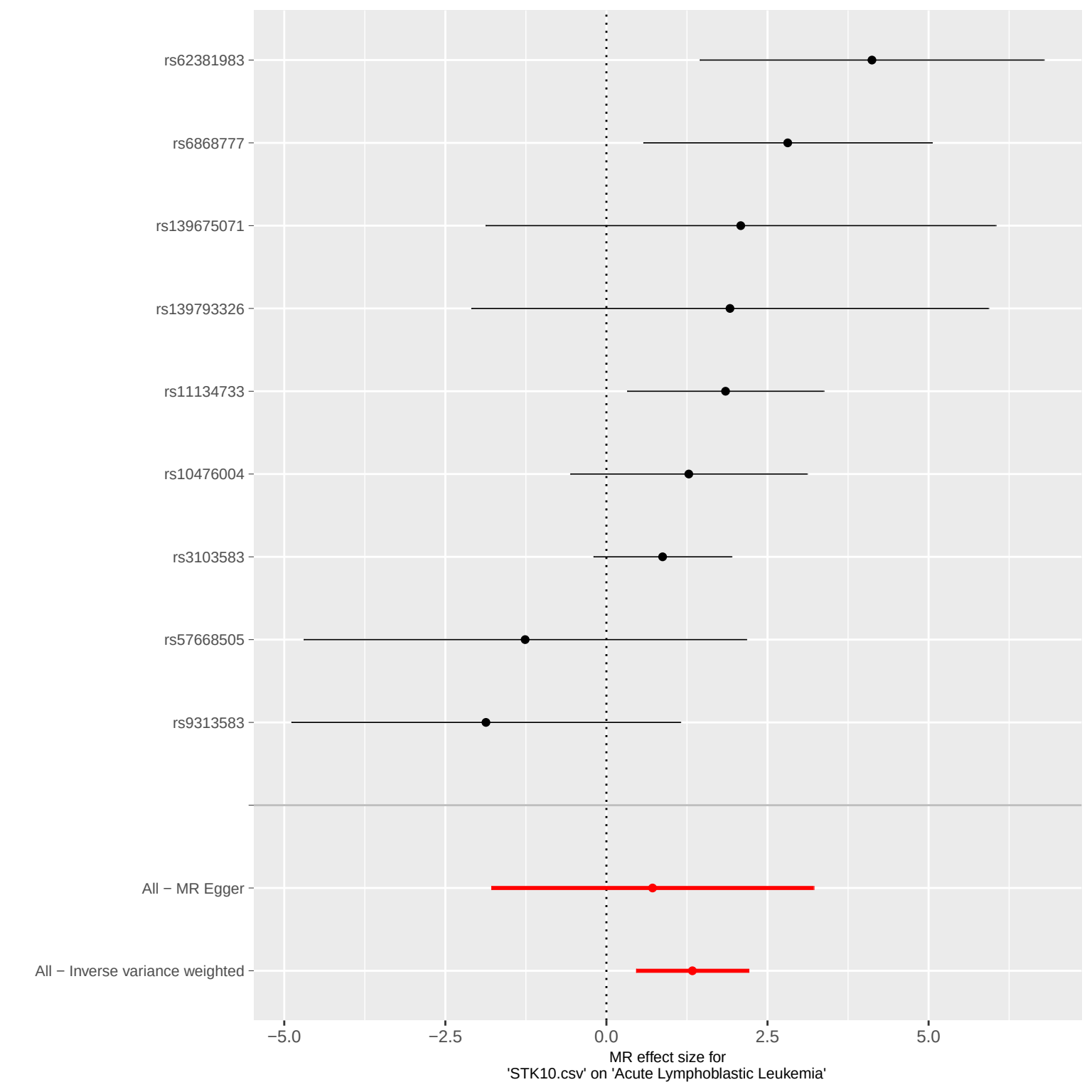
2.5
5.0
MR effect size for
'STAP1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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MR effect size for
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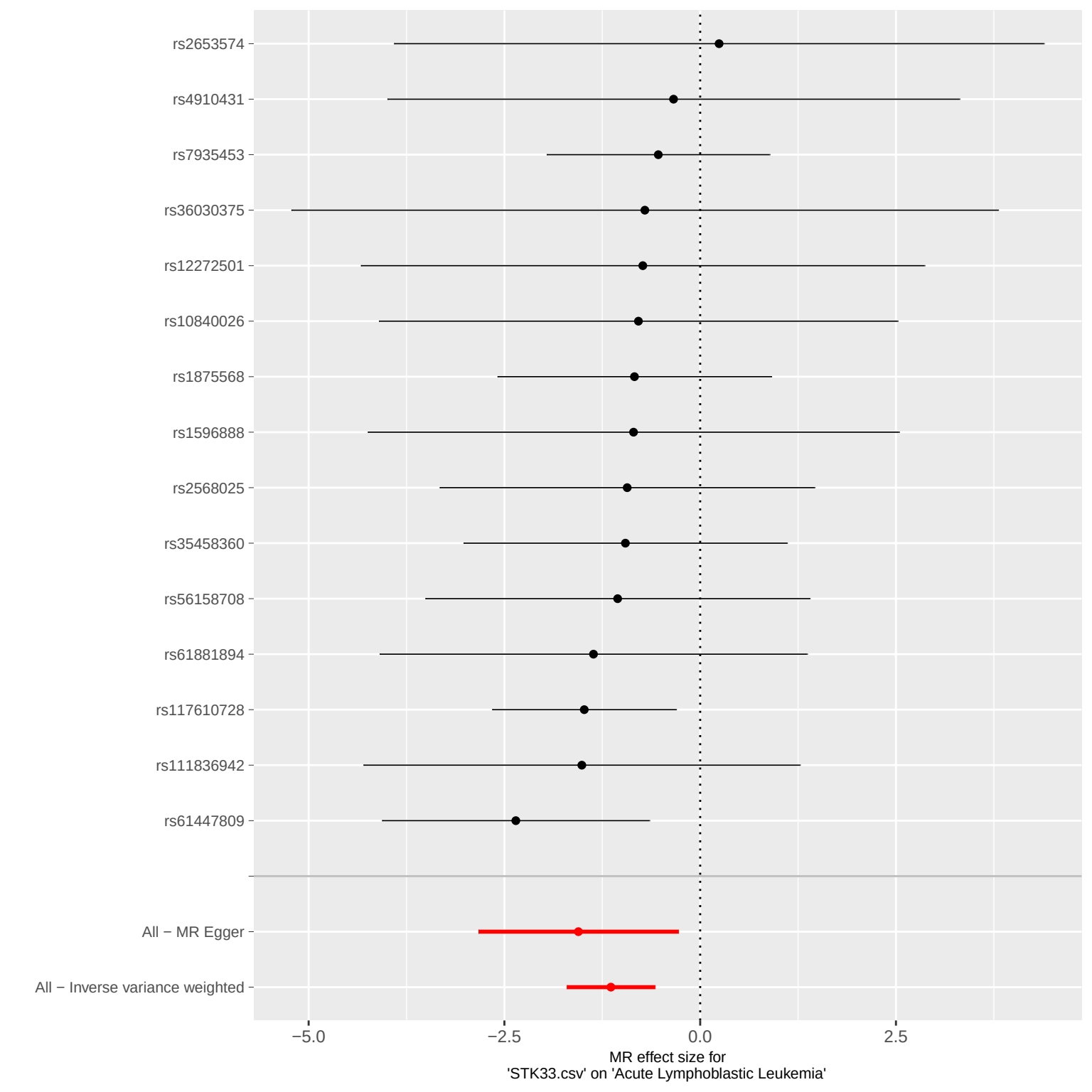
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rs61881894
rs117610728
rs111836942
rs61447809
All − MR Egger
All − Inverse variance weighted
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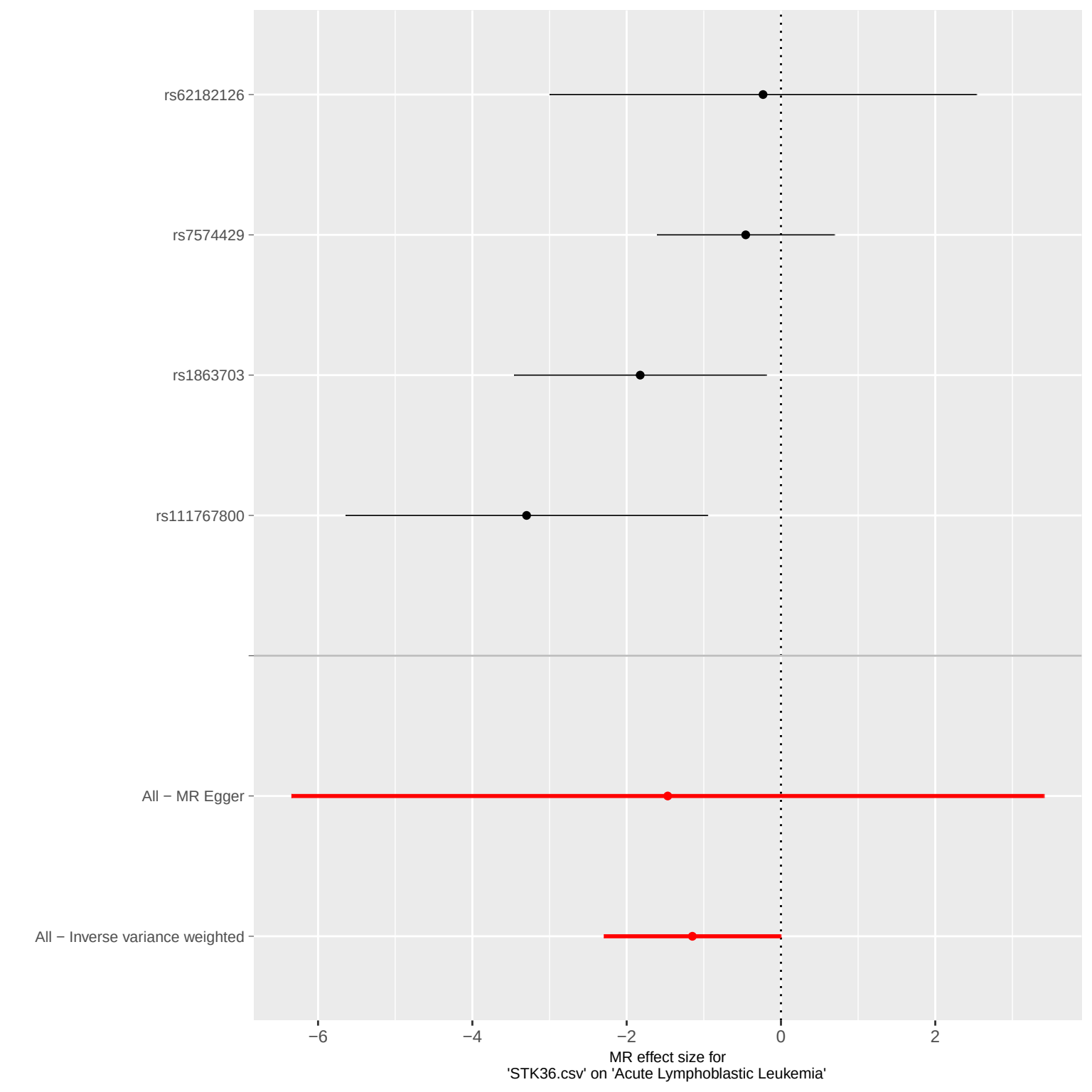
−2.5
0.0
2.5
MR effect size for
'STK33.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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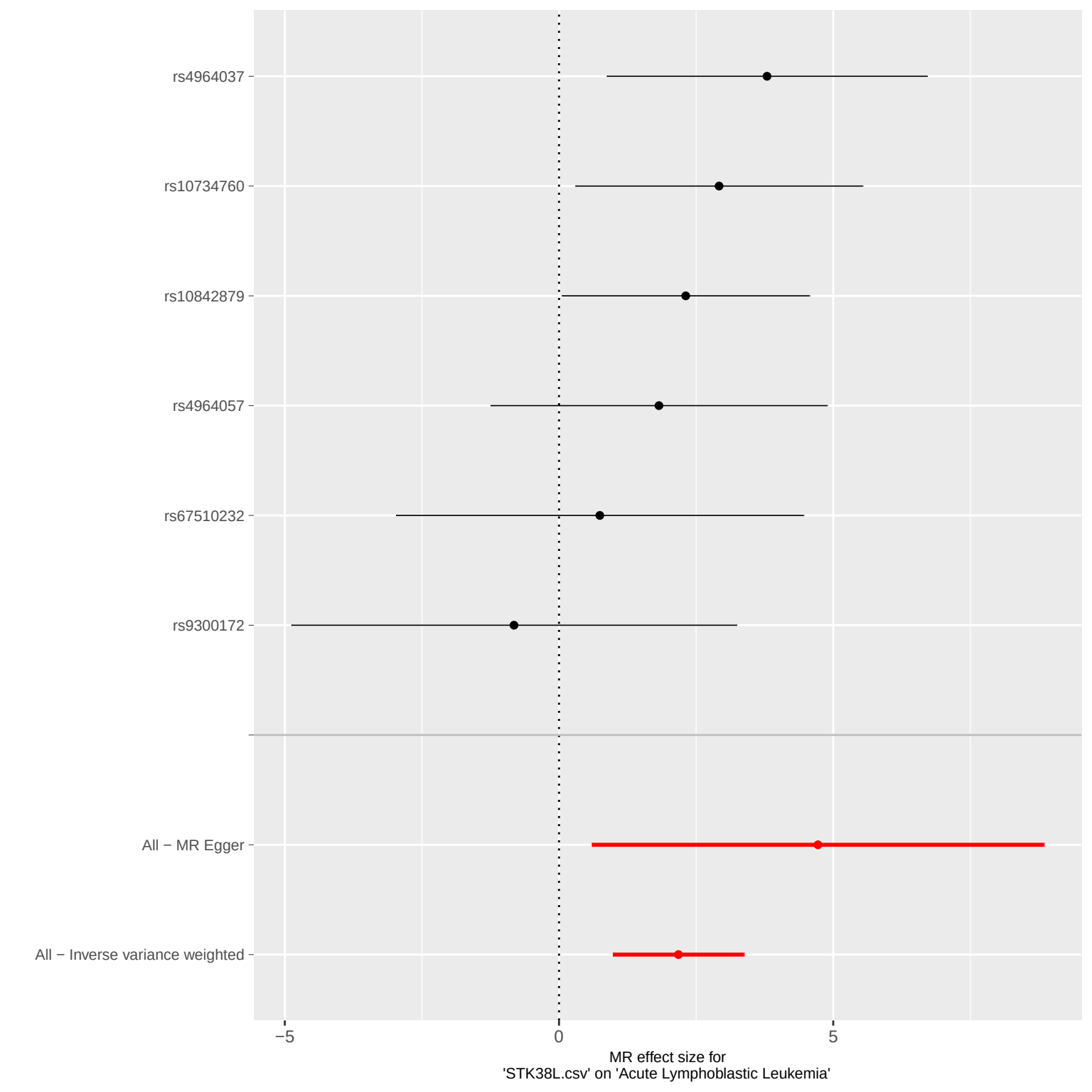
MR effect size for
'STK36.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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MR effect size for
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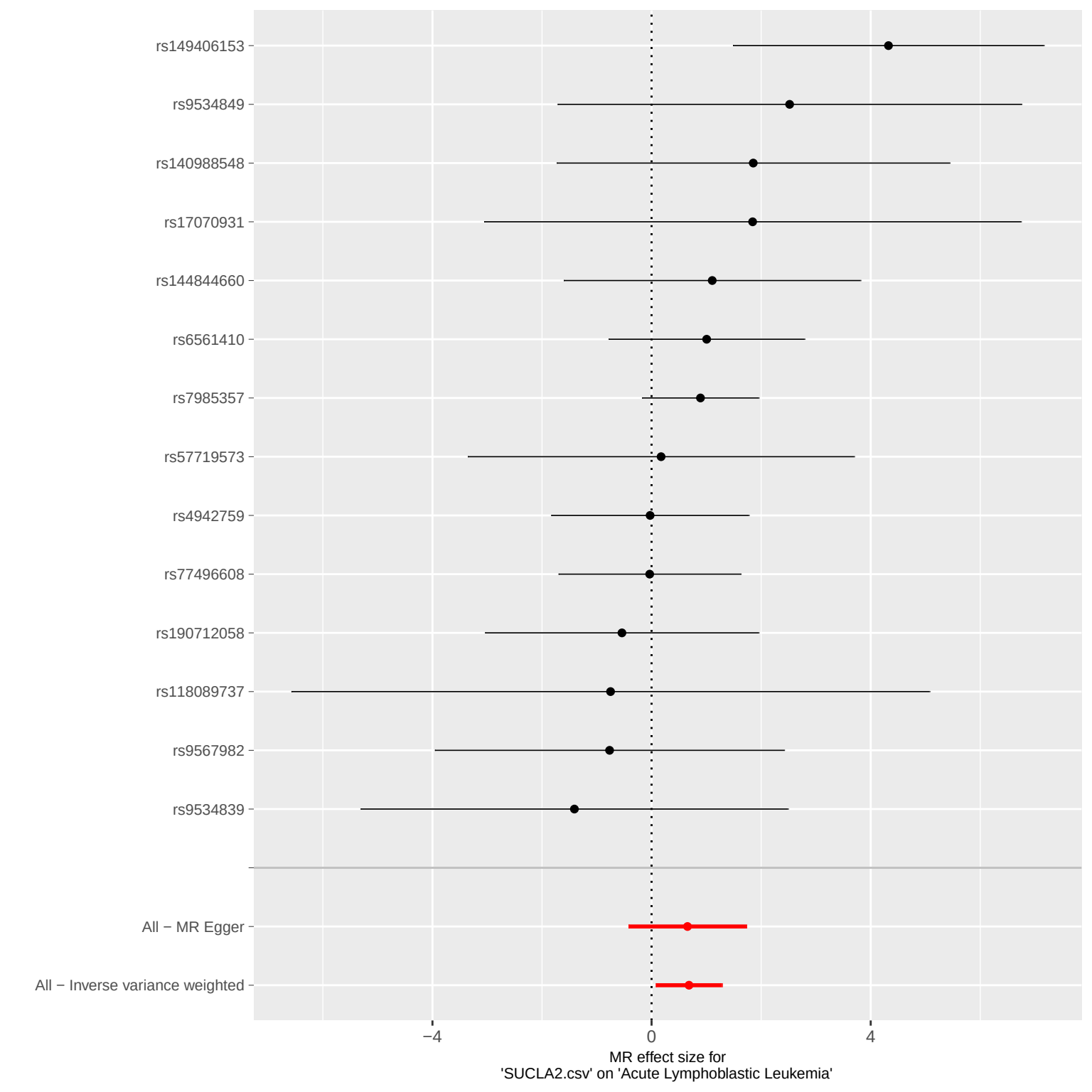
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All − MR Egger
All − Inverse variance weighted
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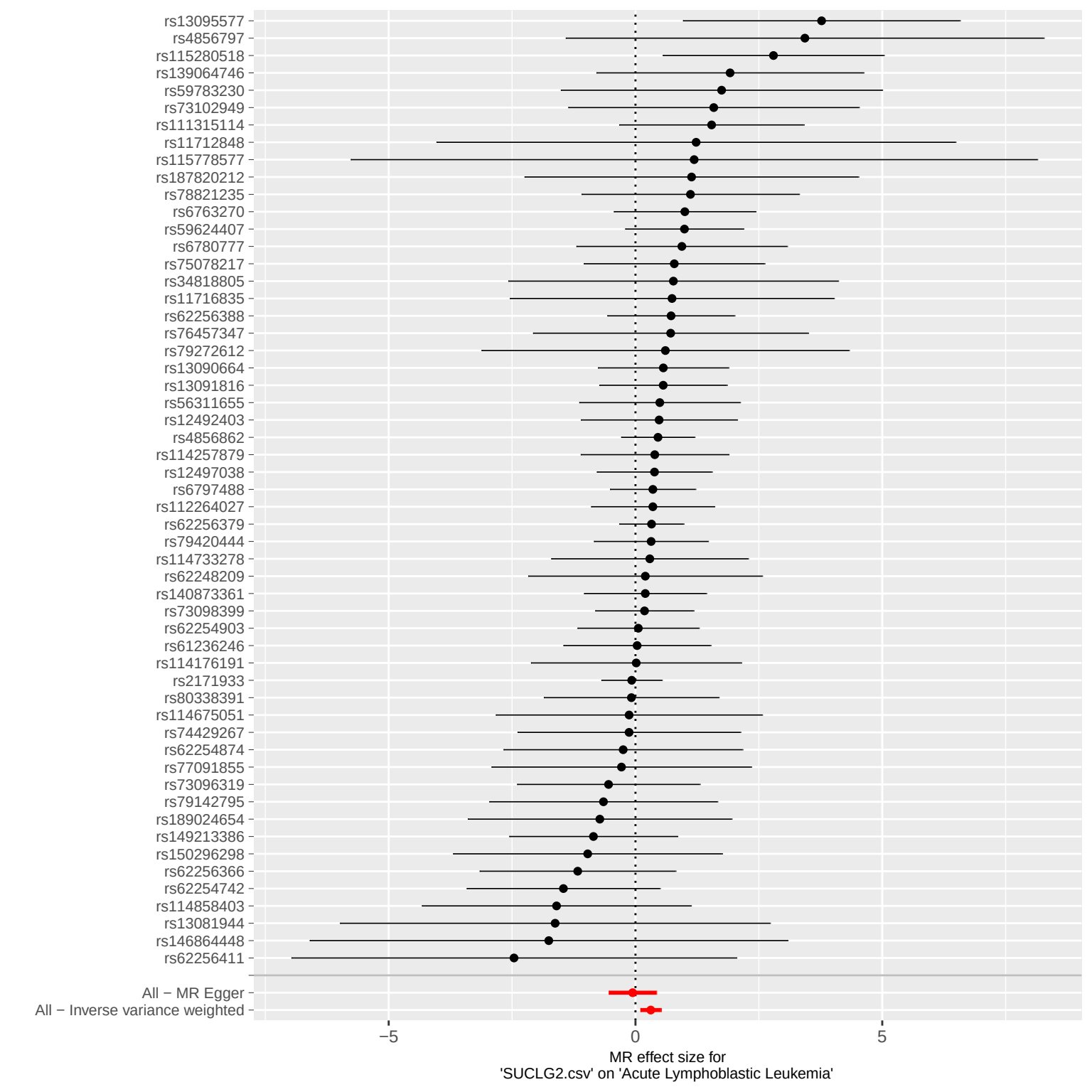
MR effect size for
'SUCLA2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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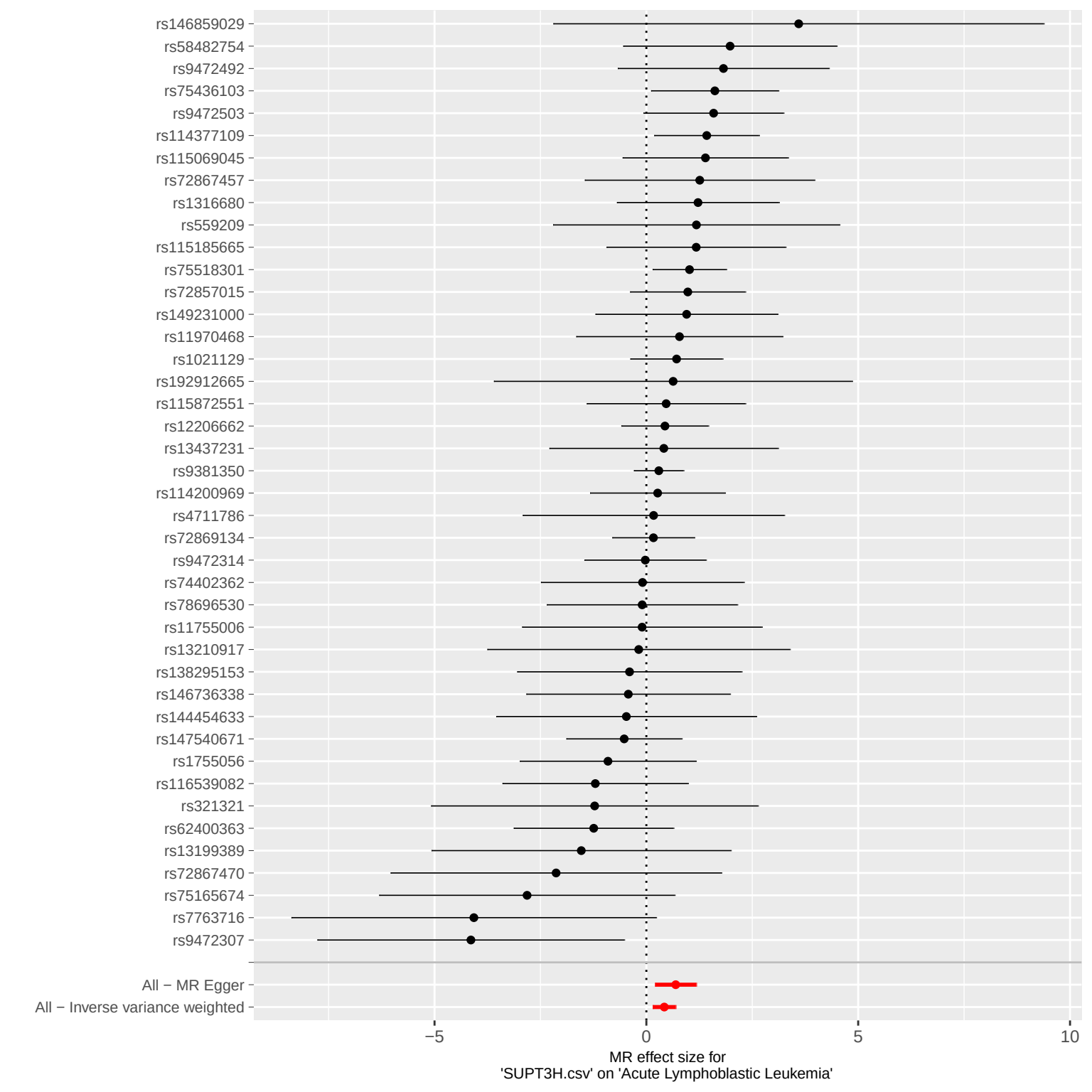
MR effect size for
'SUCLG2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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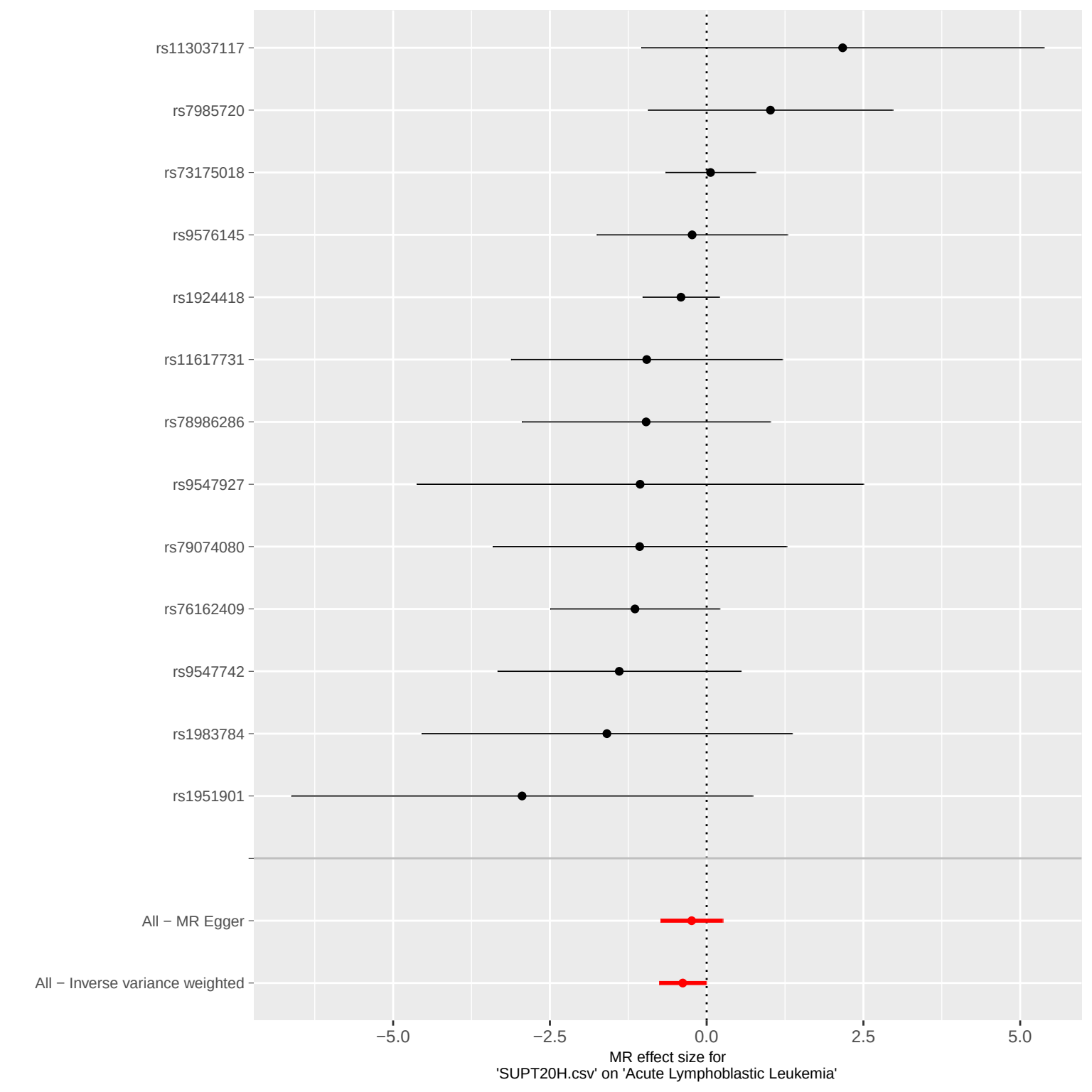
MR effect size for
'SUPT3H.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
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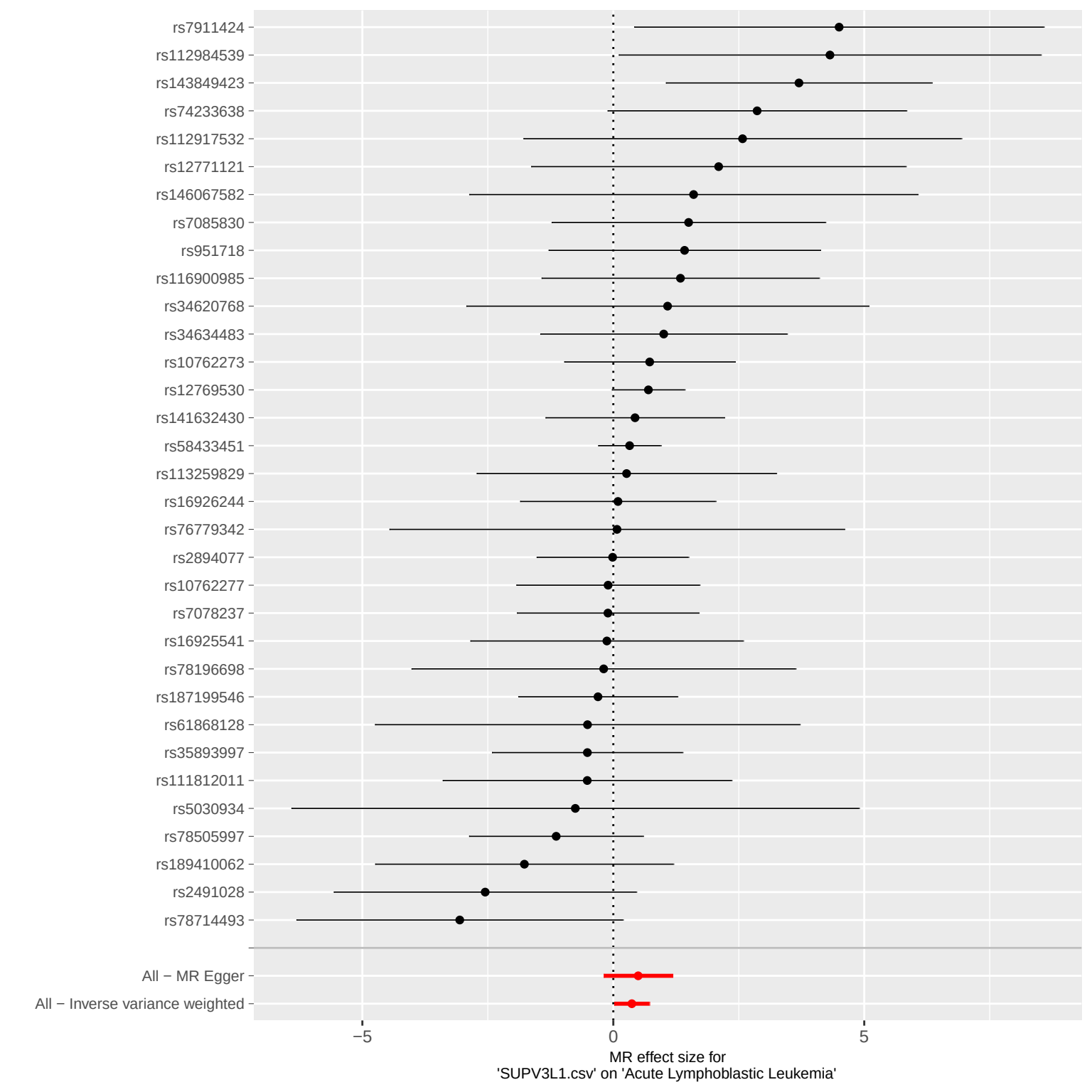
MR effect size for
'SUPT20H.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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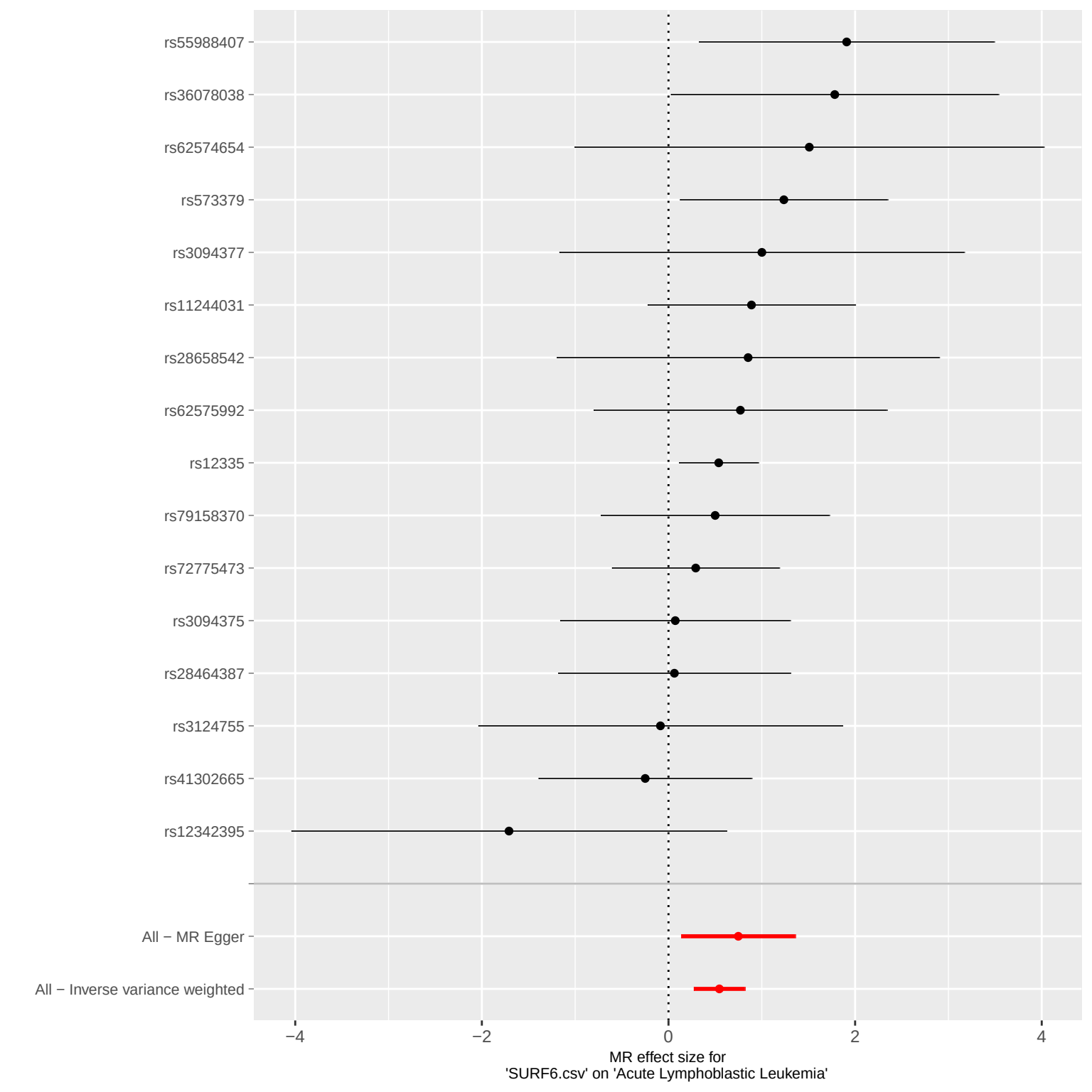
MR effect size for
'SUPV3L1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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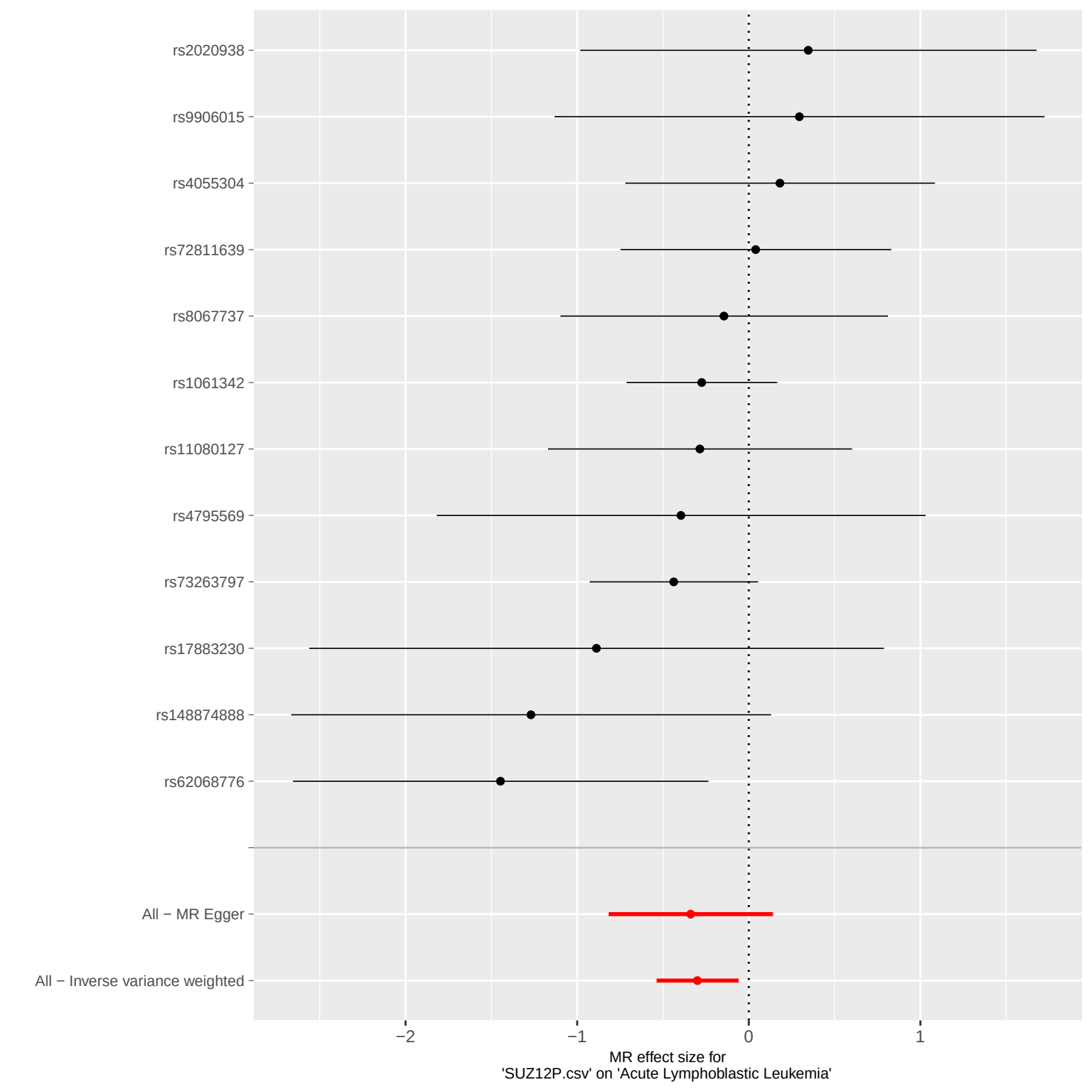
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All − MR Egger
All − Inverse variance weighted
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−1
0
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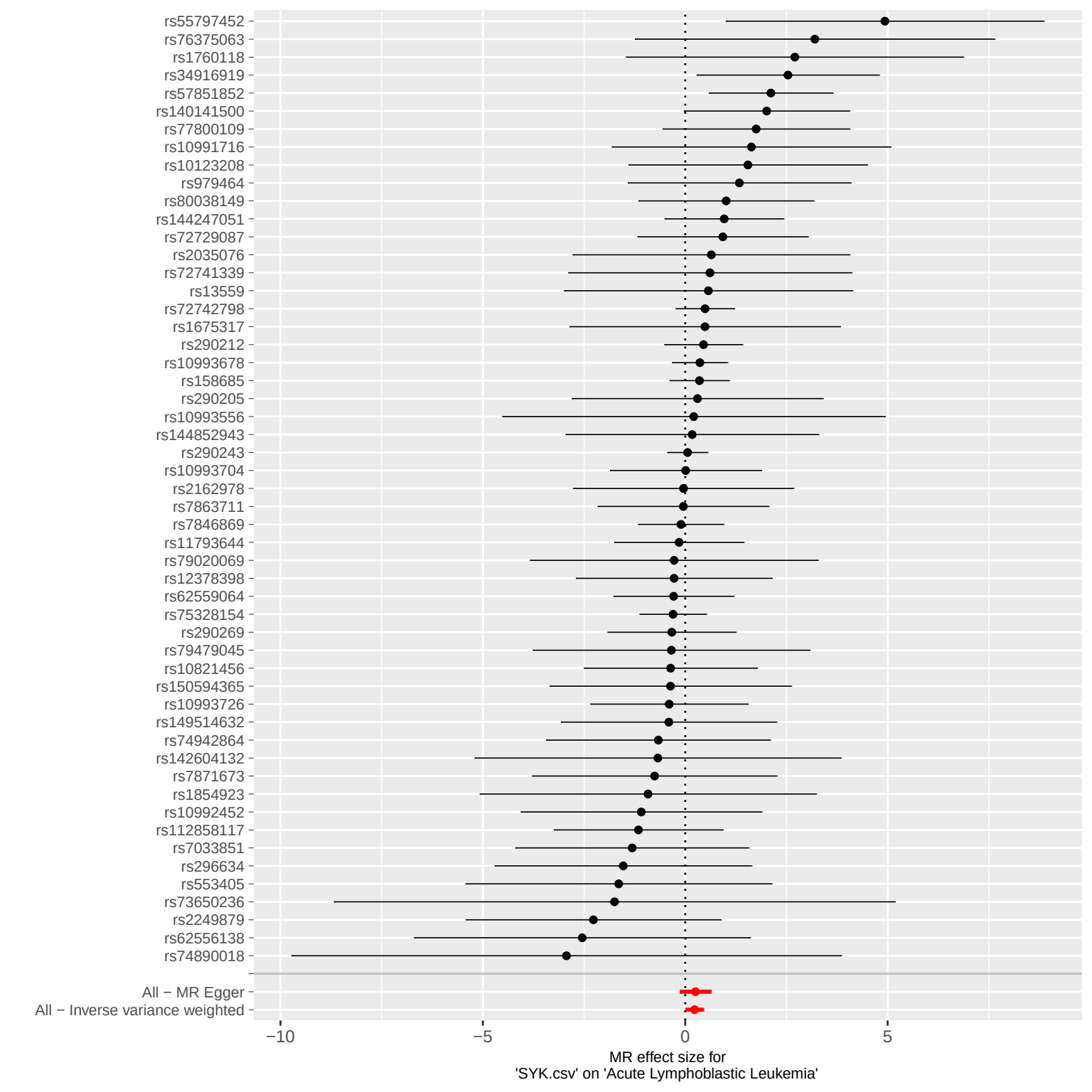
MR effect size for
'SUZ12P.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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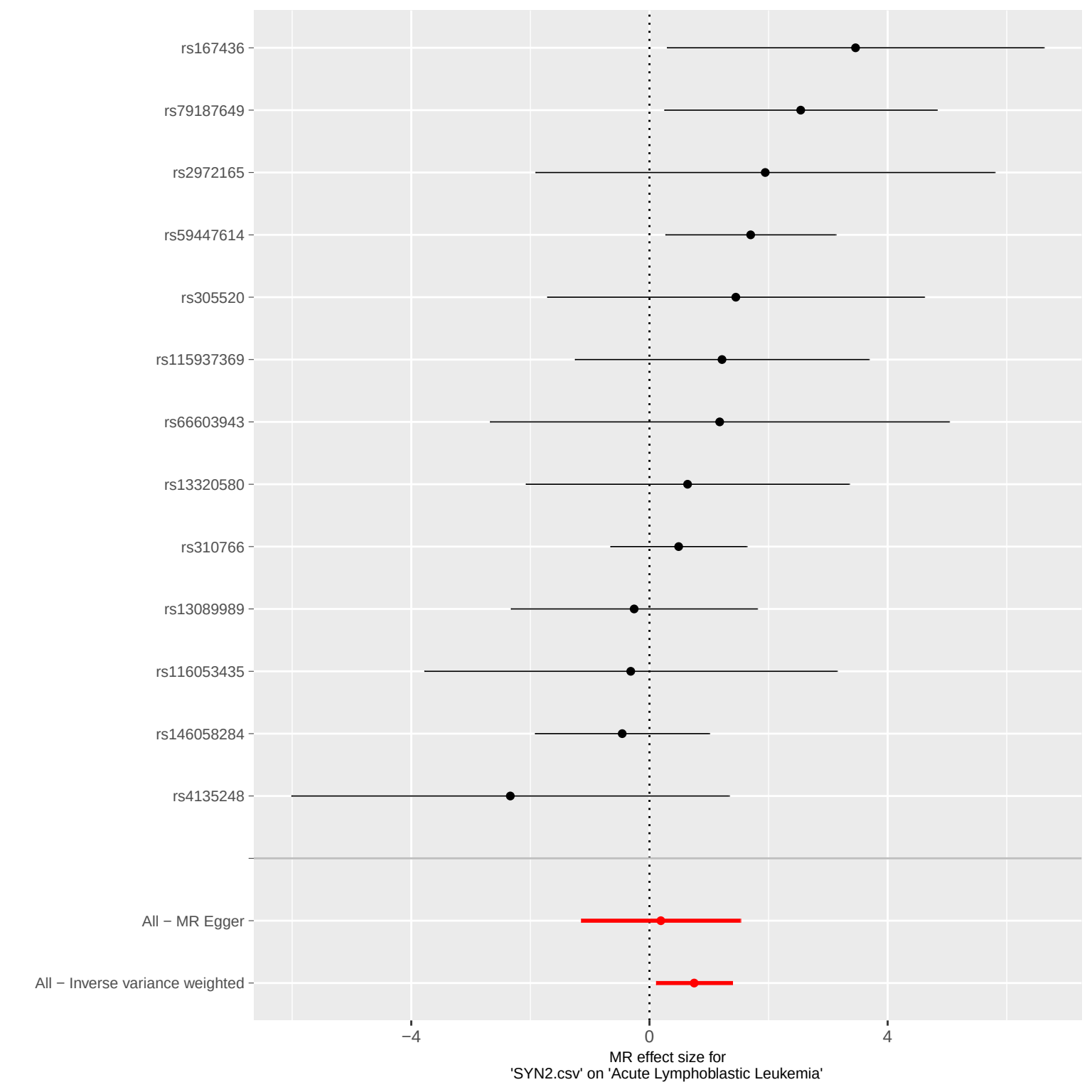
MR effect size for
'SYK.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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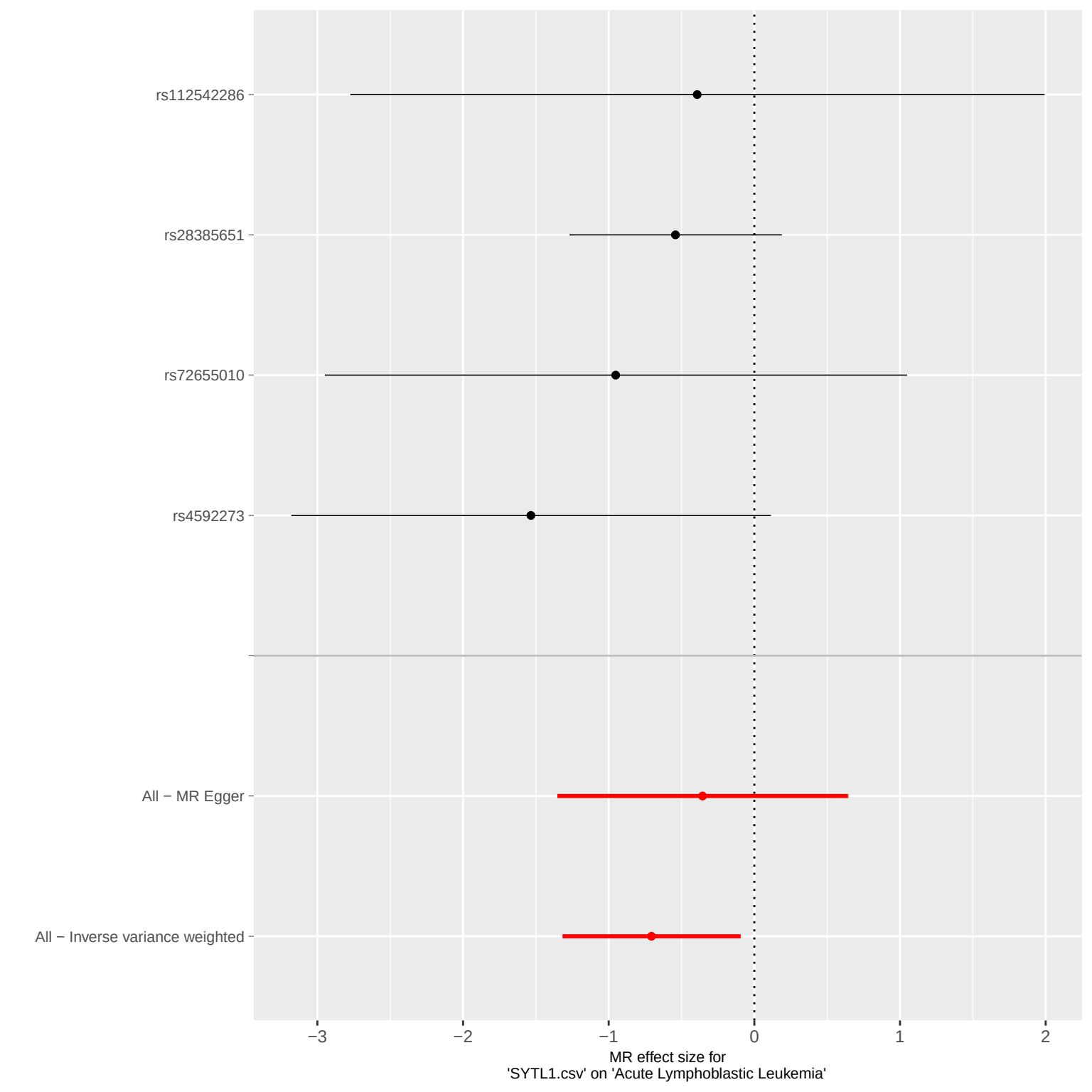
MR effect size for
'SYN2.csv' on 'Acute Lymphoblastic Leukemia'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rs4592273
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All − Inverse variance weighted
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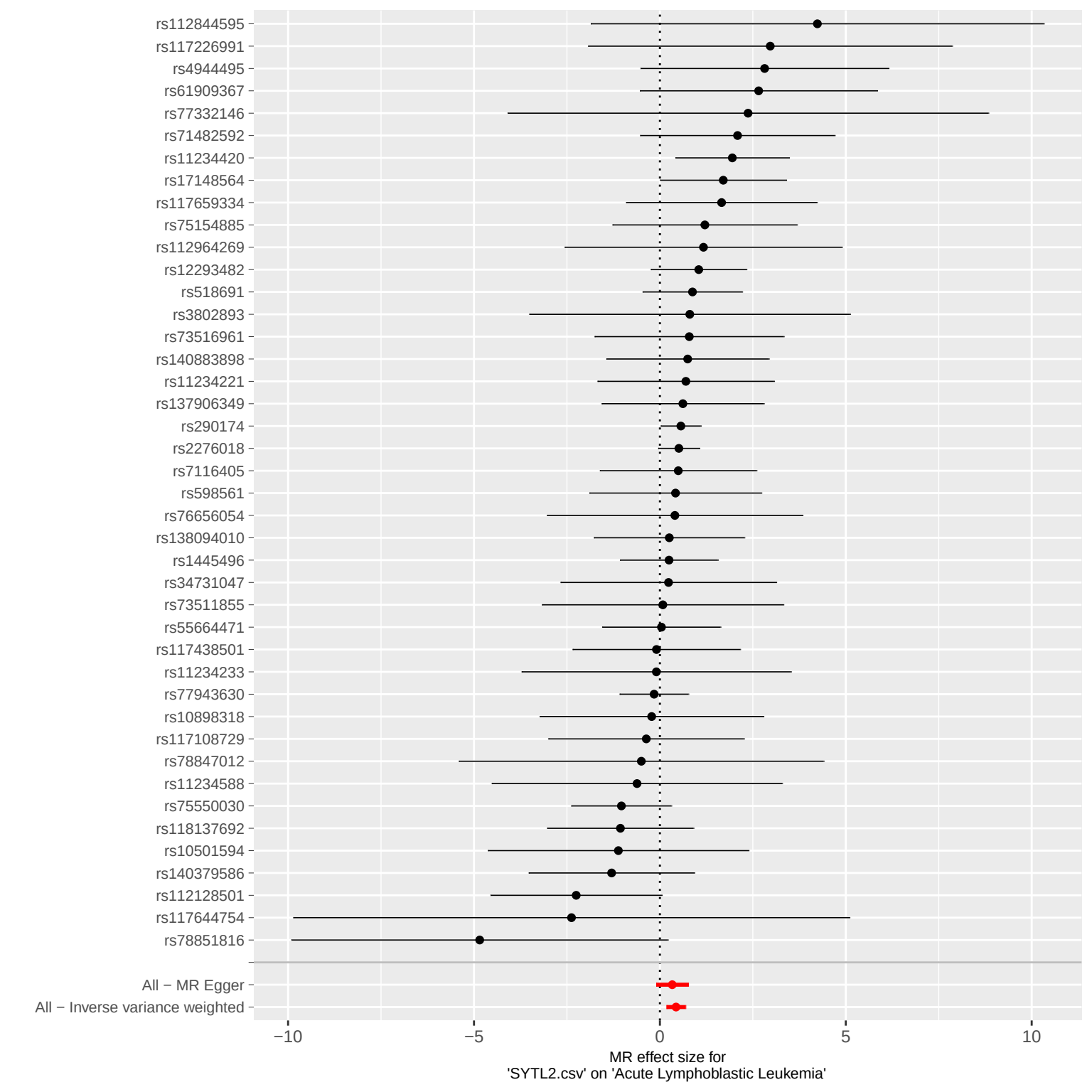
MR effect size for
'SYTL1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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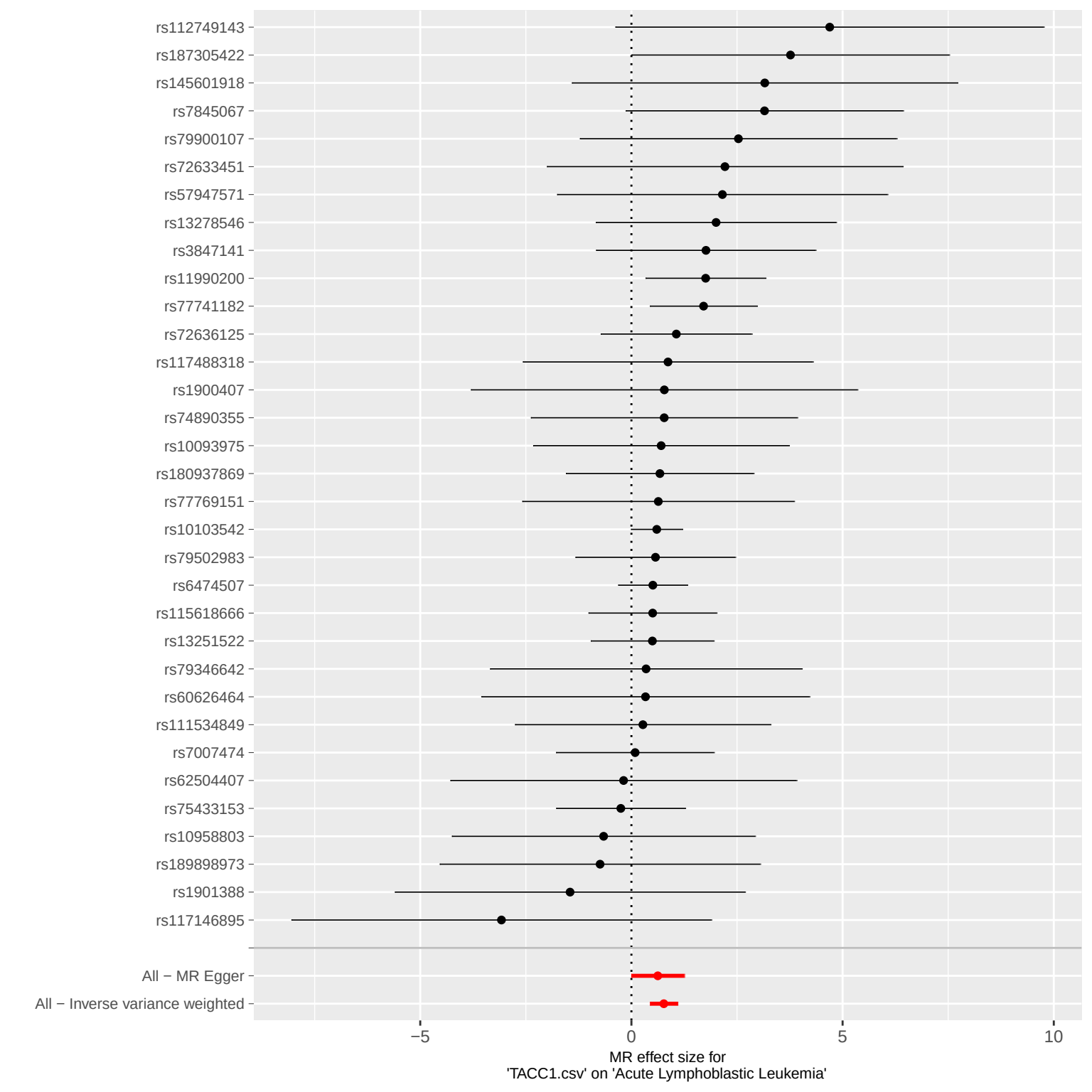
MR effect size for
'SYTL2.csv' on 'Acute Lymphoblastic Leukemia'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rs10958803
rs189898973
rs1901388
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All − Inverse variance weighted
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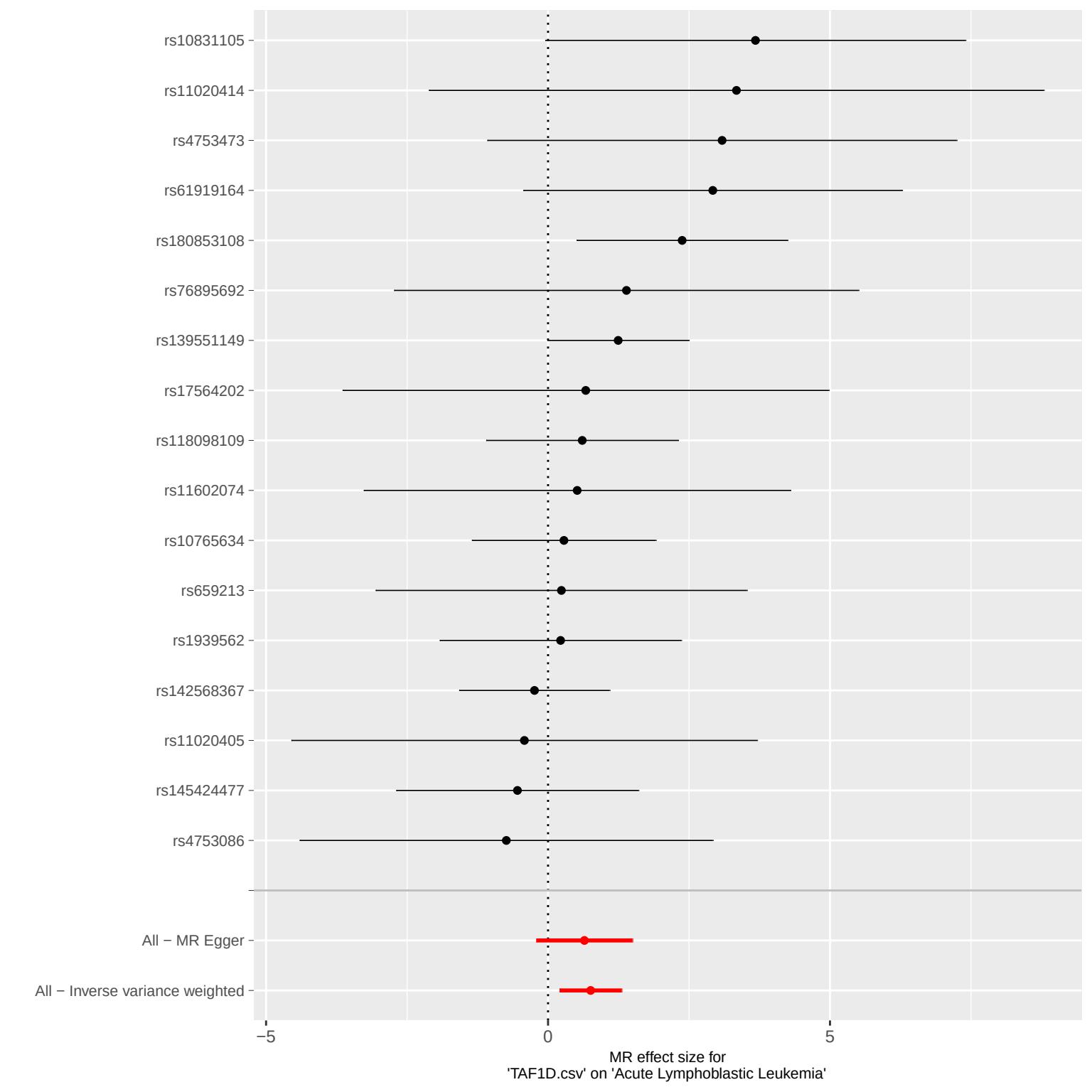
10
MR effect size for
'TACC1.csv' on 'Acute Lymphoblastic Leukemia'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rs142568367
rs11020405
rs145424477
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All − MR Egger
All − Inverse variance weighted
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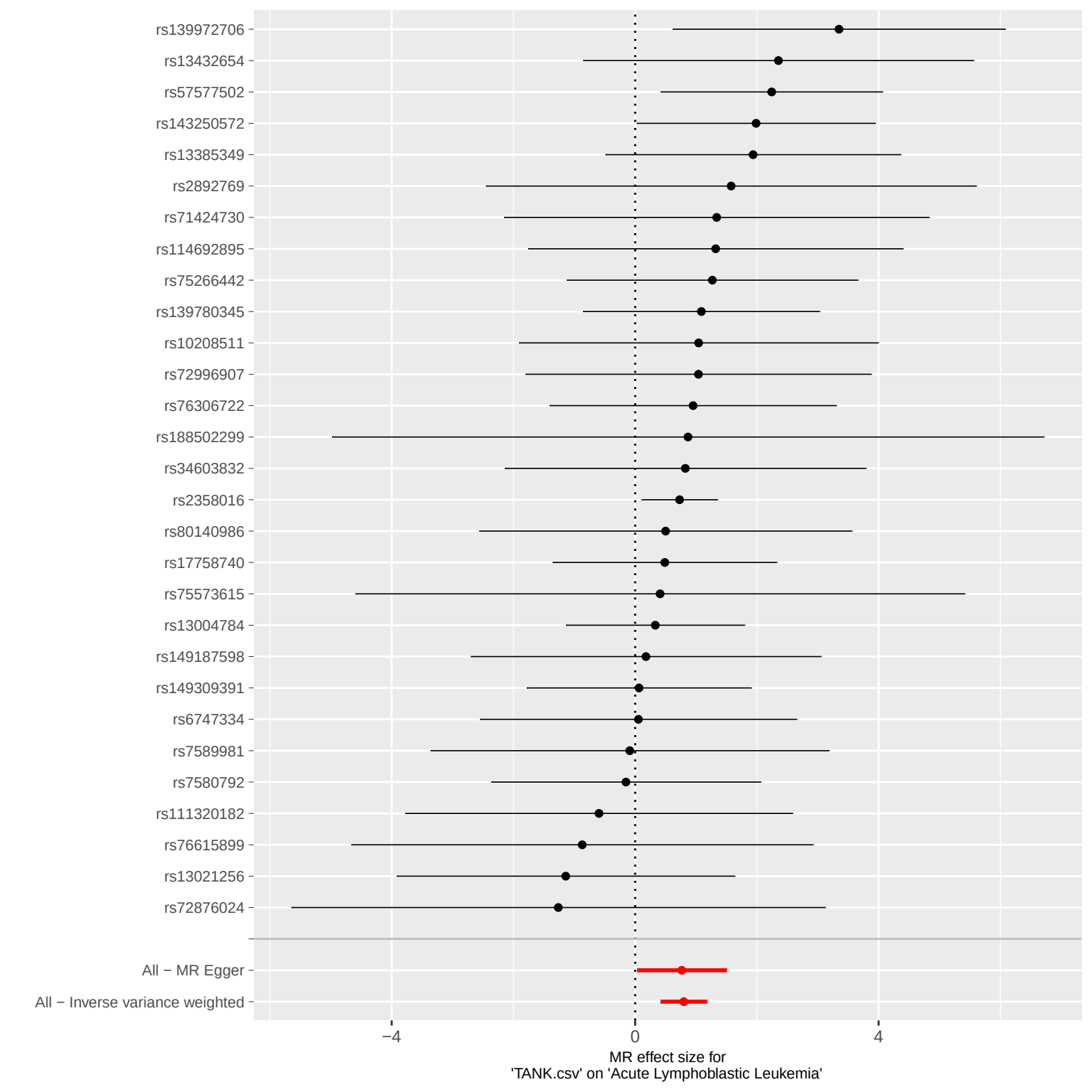
MR effect size for
'TAF1D.csv' on 'Acute Lymphoblastic Leukemia'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rs72996907
rs76306722
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rs34603832
rs2358016
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rs6747334
rs7589981
rs7580792
rs111320182
rs76615899
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All − MR Egger
All − Inverse variance weighted
−4
0
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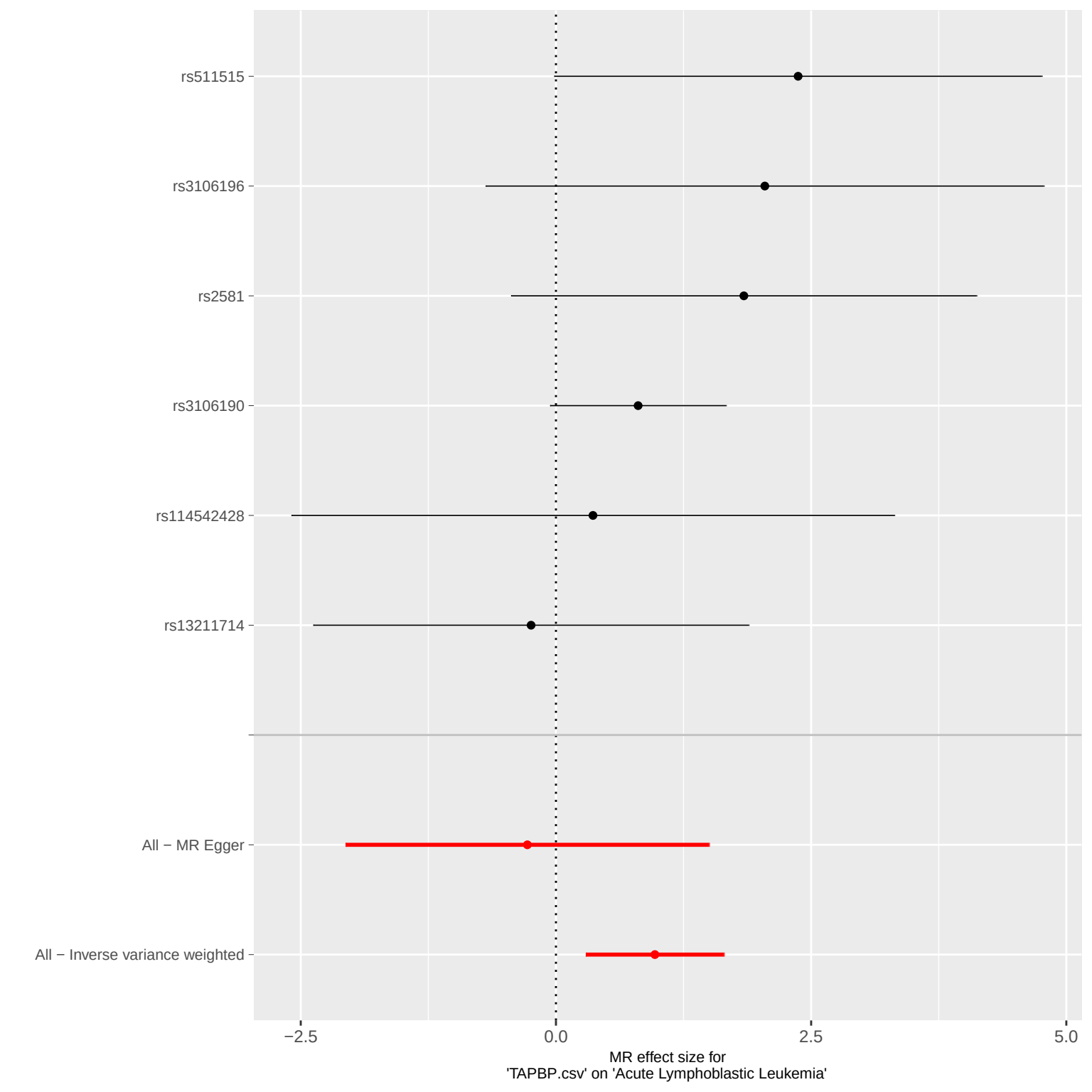
MR effect size for
'TANK.csv' on 'Acute Lymphoblastic Leukemia'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rs3106190
rs114542428
rs13211714
All − MR Egger
All − Inverse variance weighted
−2.5
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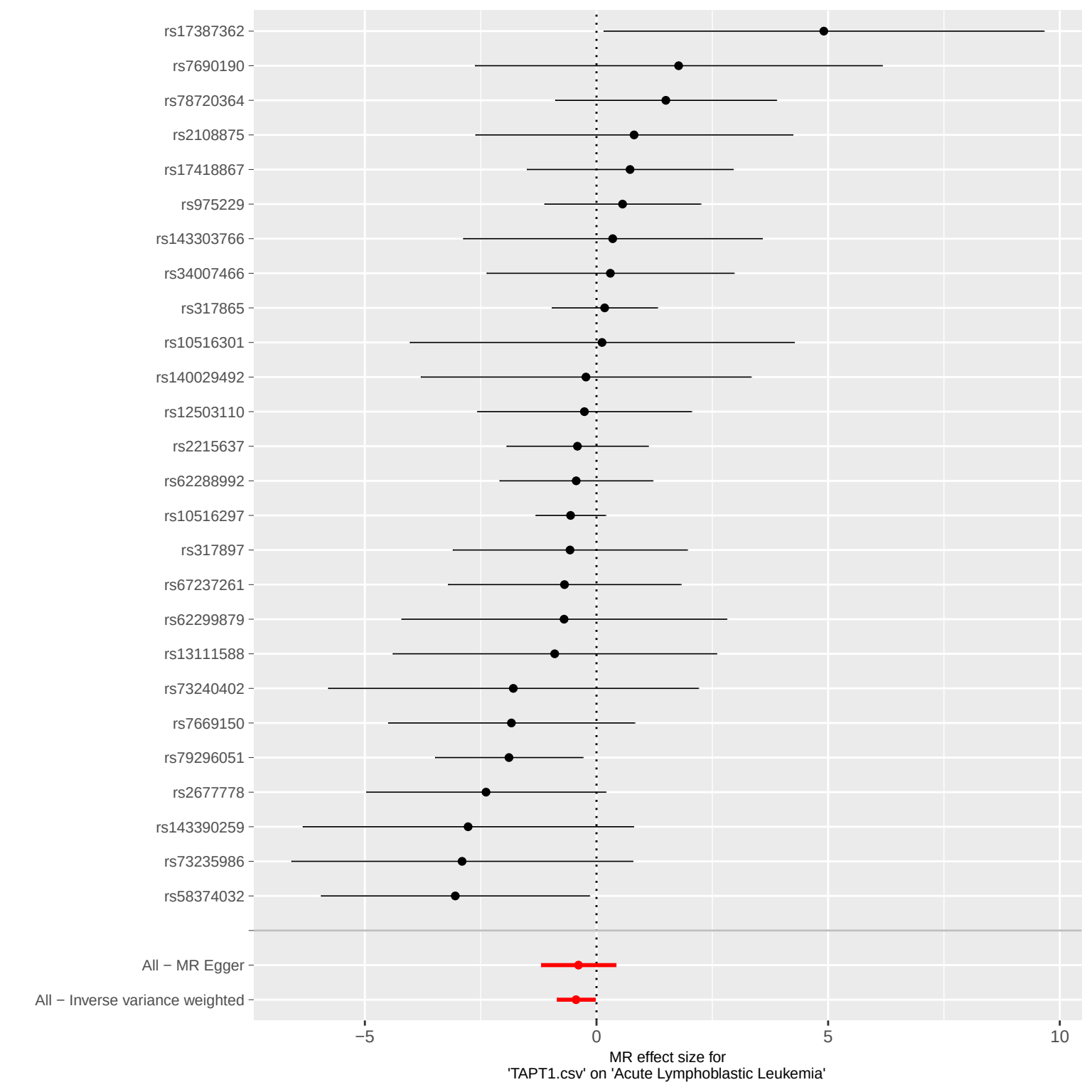
2.5
5.0
MR effect size for
'TAPBP.csv' on 'Acute Lymphoblastic Leukemia'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rs10516297
rs317897
rs67237261
rs62299879
rs13111588
rs73240402
rs7669150
rs79296051
rs2677778
rs143390259
rs73235986
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All − MR Egger
All − Inverse variance weighted
−5
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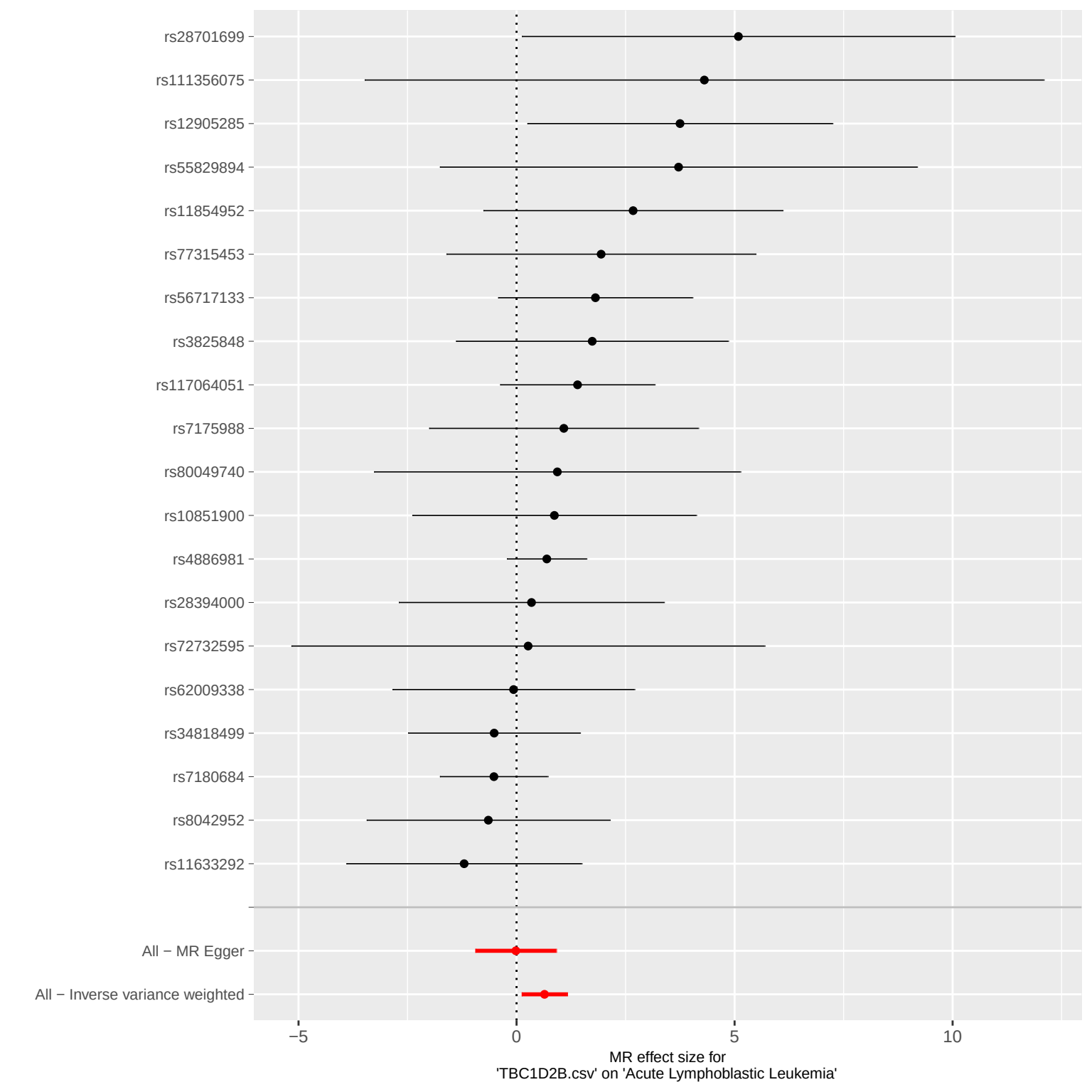
10
MR effect size for
'TAPT1.csv' on 'Acute Lymphoblastic Leukemia'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rs62009338
rs34818499
rs7180684
rs8042952
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All − MR Egger
All − Inverse variance weighted
−5
0
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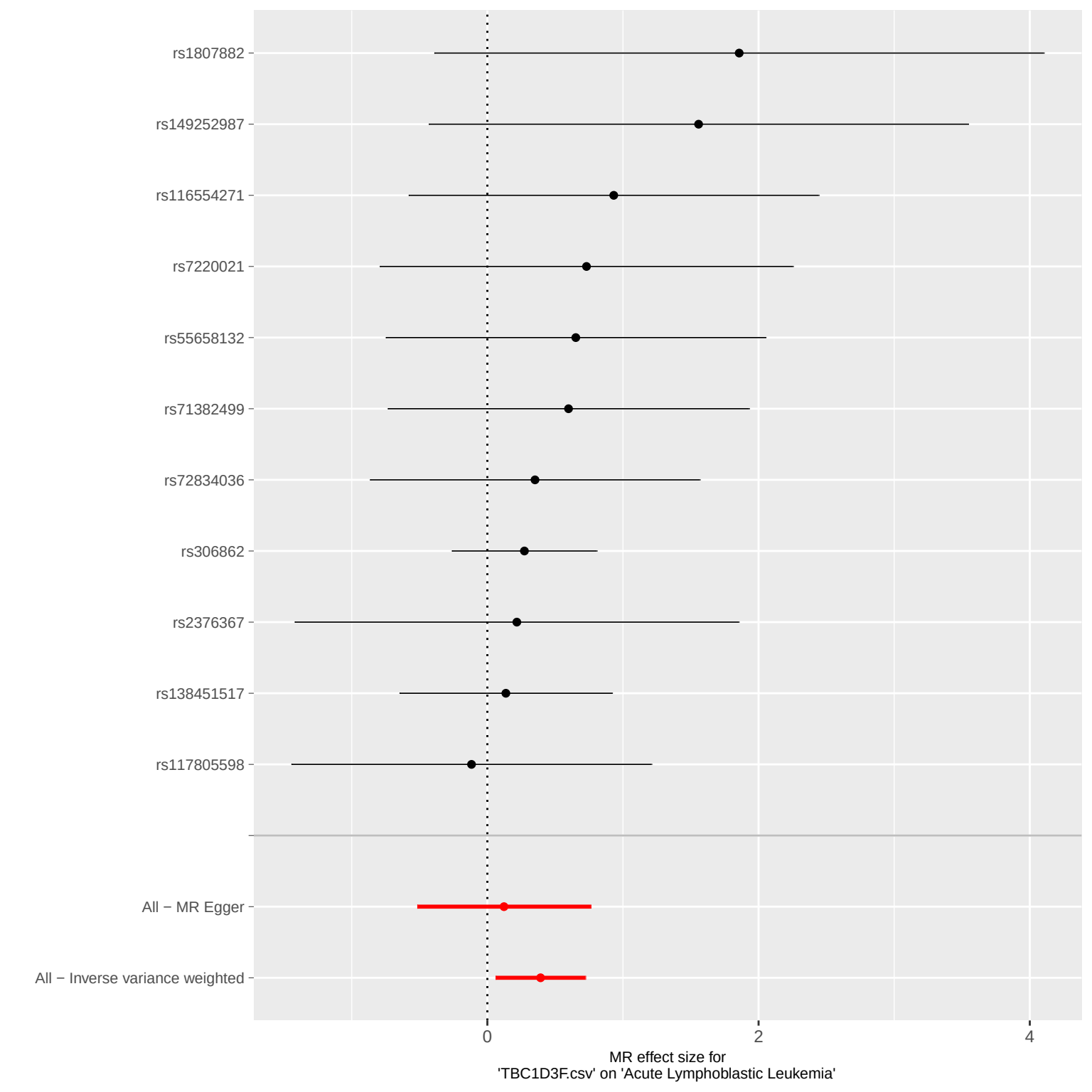
10
MR effect size for
'TBC1D2B.csv' on 'Acute Lymphoblastic Leukemia'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rs2376367
rs138451517
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All − MR Egger
All − Inverse variance weighted
0
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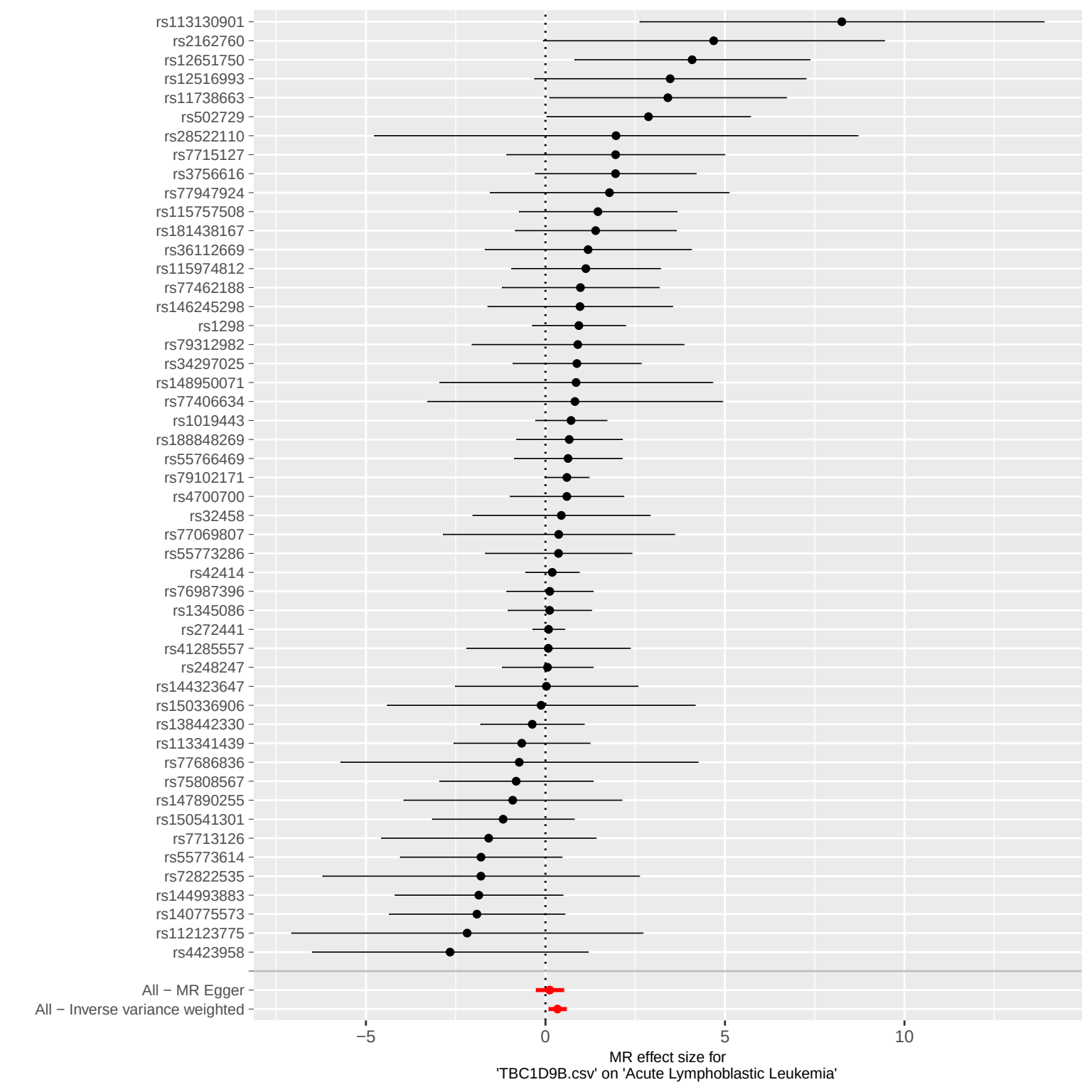
MR effect size for
'TBC1D3F.csv' on 'Acute Lymphoblastic Leukemia'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rs72822535
rs144993883
rs140775573
rs112123775
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All − MR Egger
All − Inverse variance weighted
−5
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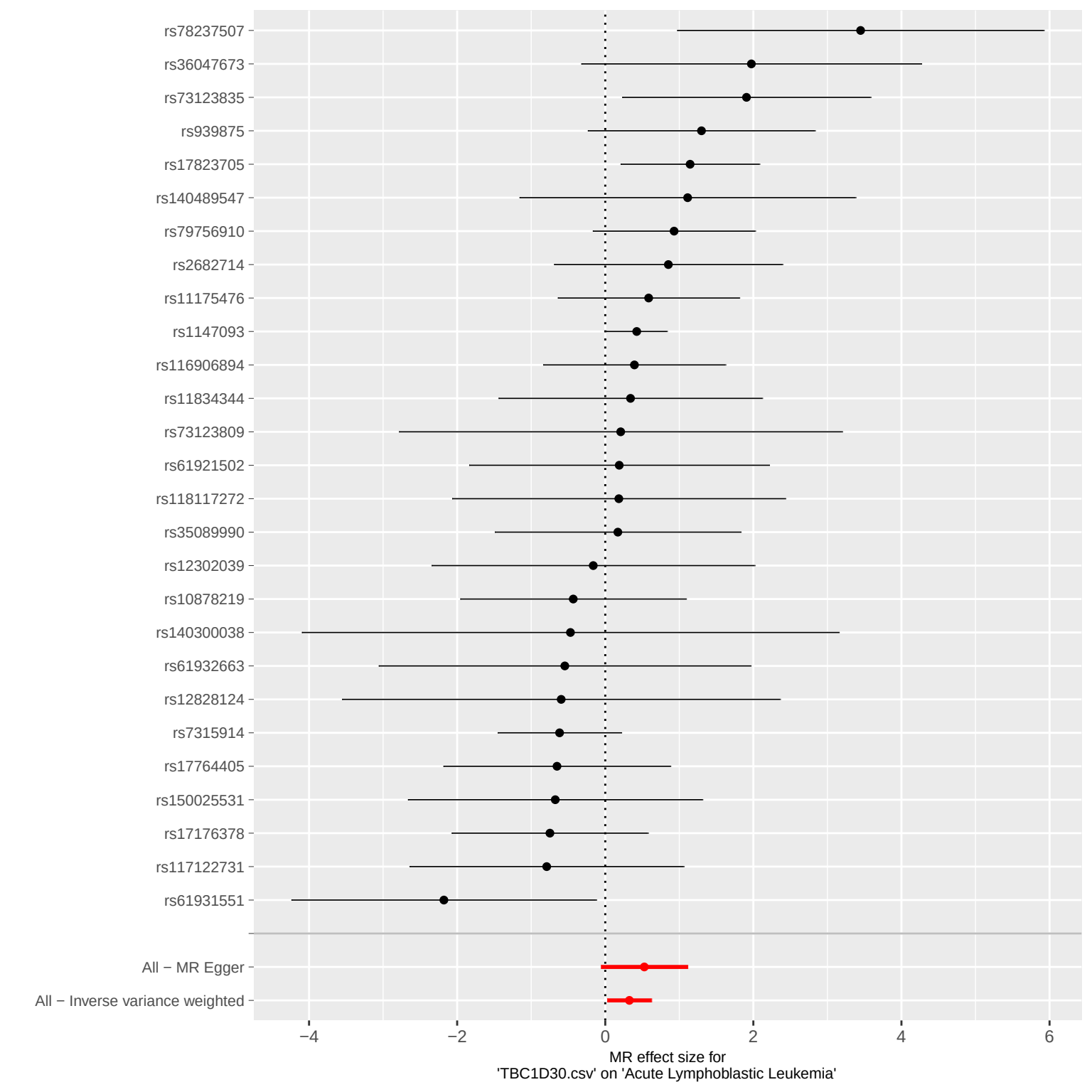
MR effect size for
'TBC1D9B.csv' on 'Acute Lymphoblastic Leukemia'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rs35089990
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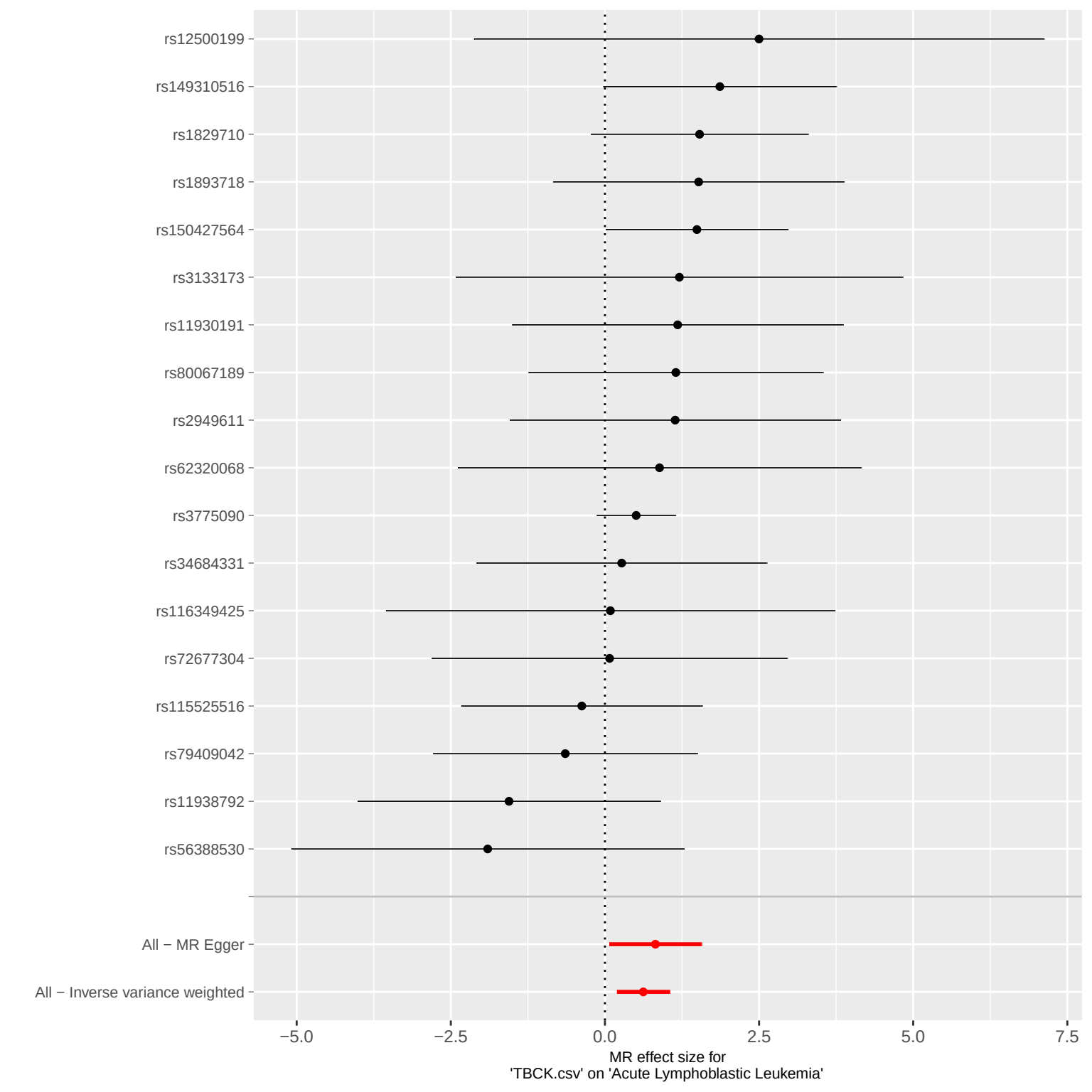
rs10878219
rs140300038
rs61932663
rs12828124
rs7315914
rs17764405
rs150025531
rs17176378
rs117122731
rs61931551
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'TBC1D30.csv' on 'Acute Lymphoblastic Leukemia'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rs72677304
rs115525516
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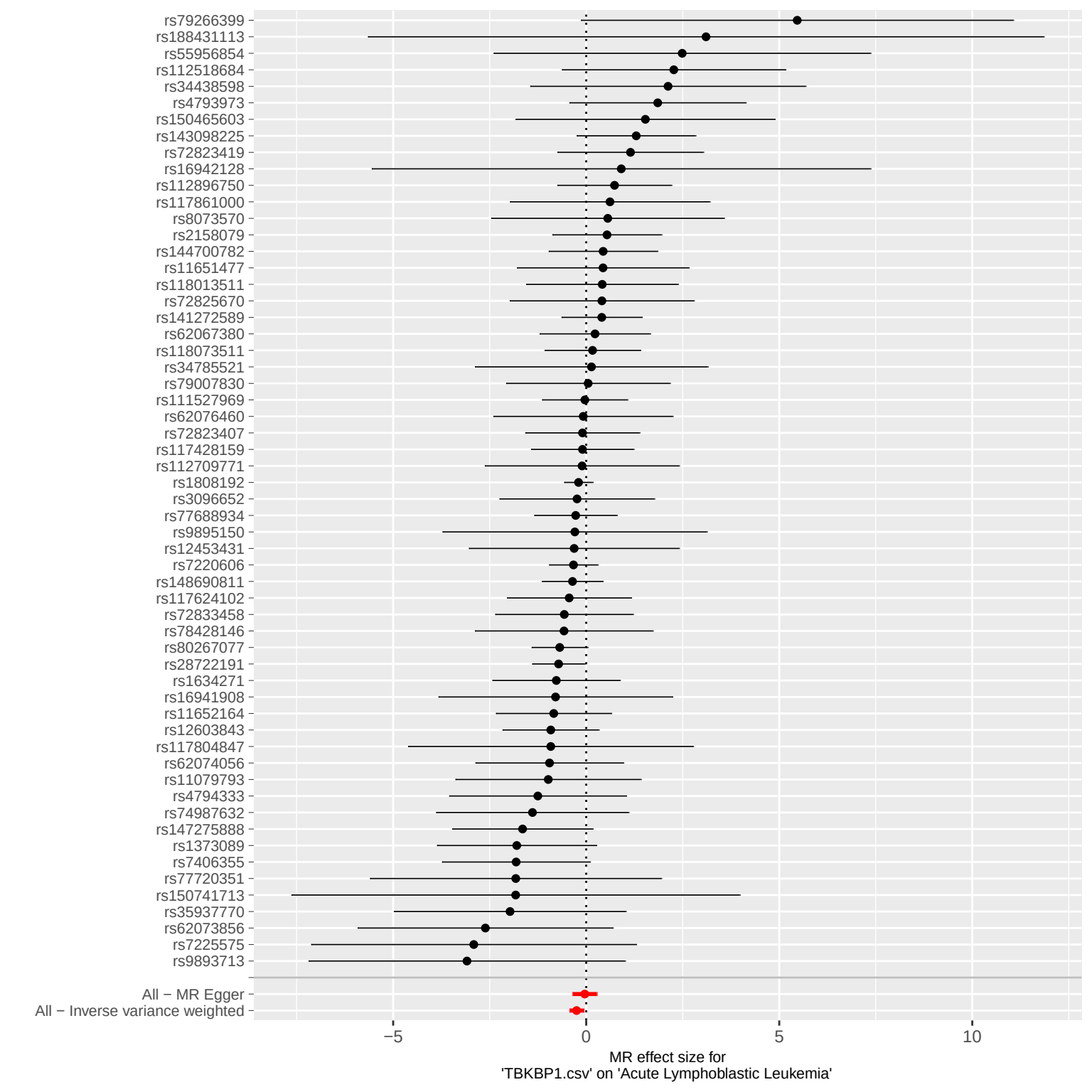
rs11938792
rs56388530
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'TBCK.csv' on 'Acute Lymphoblastic Leukemia'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rs112709771
rs1808192
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rs77688934
rs9895150
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All − MR Egger
All − Inverse variance weighted
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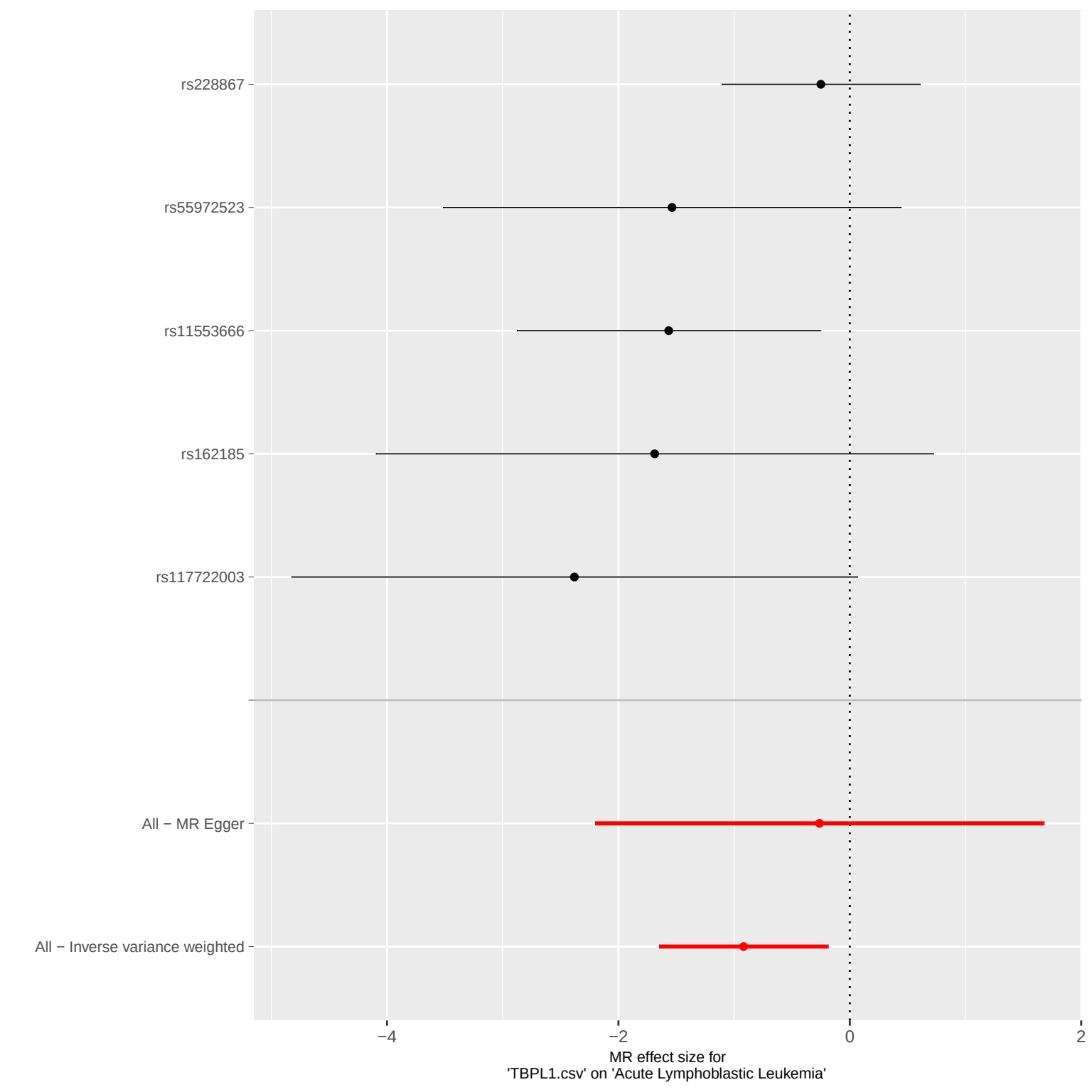
5
10
MR effect size for
'TBKBP1.csv' on 'Acute Lymphoblastic Leukemia'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rs55972523
rs11553666
rs162185
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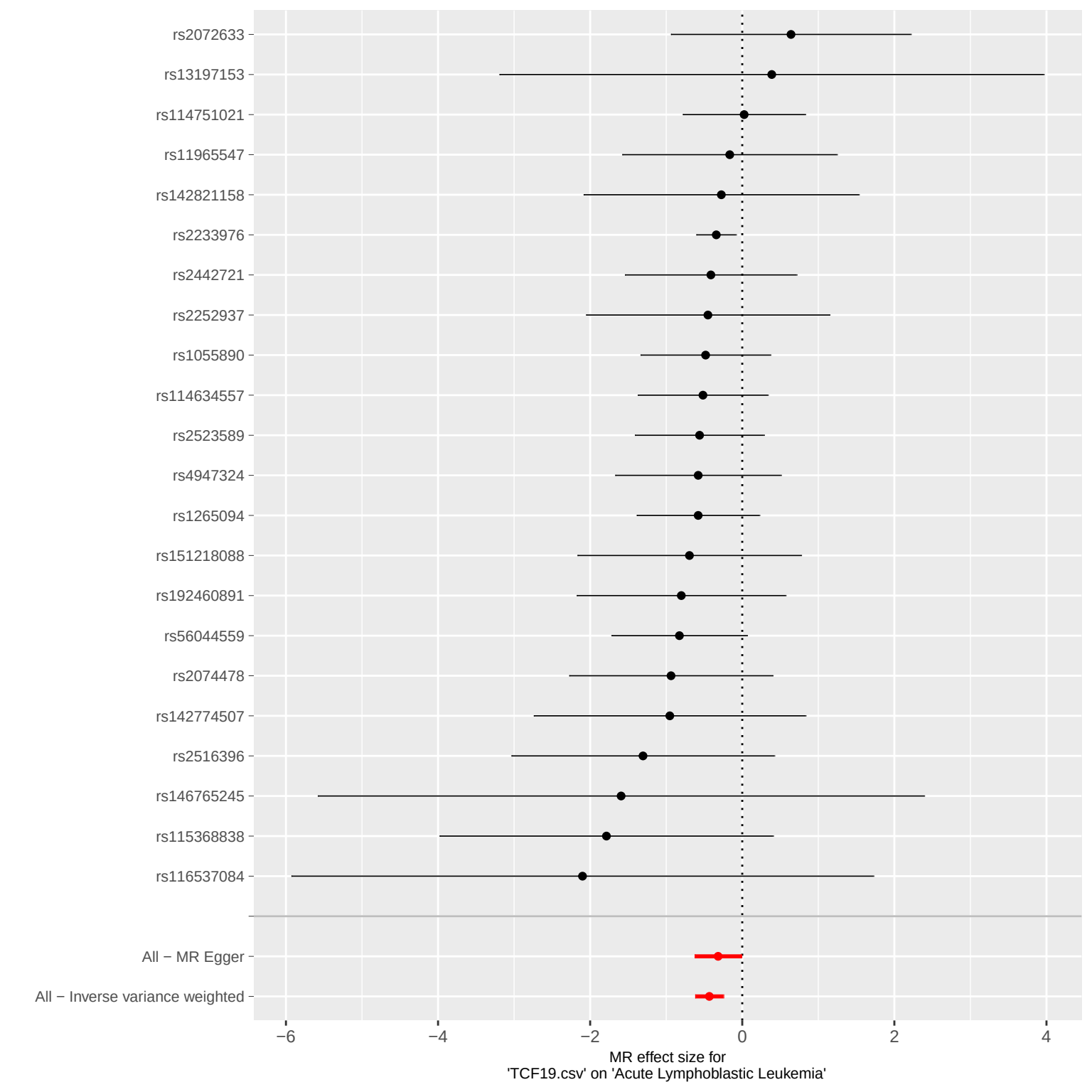
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TBPL1.csv' on 'Acute Lymphoblastic Leukemia'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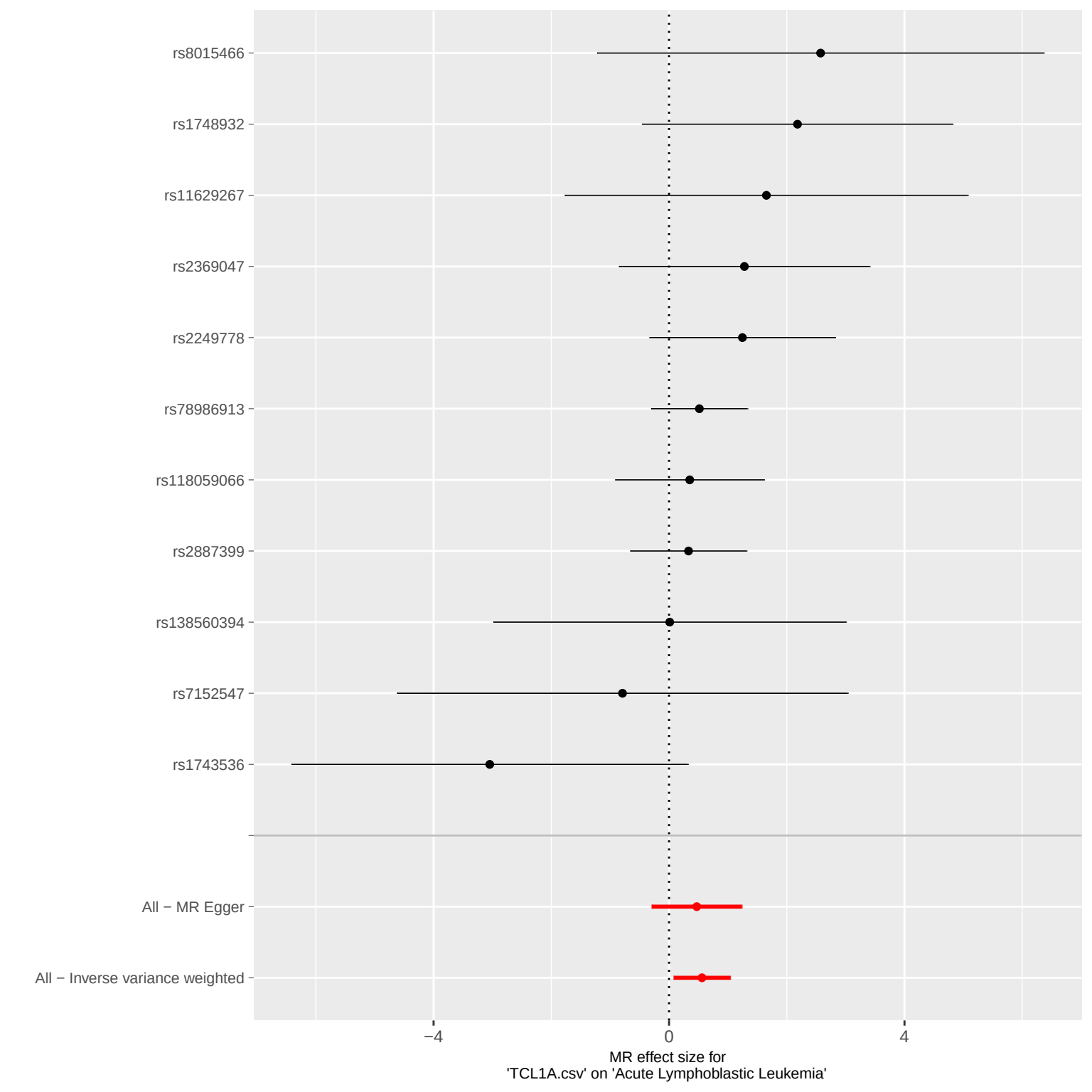
rs151218088
rs192460891
rs56044559
rs2074478
rs142774507
rs2516396
rs146765245
rs115368838
rs116537084
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'TCF19.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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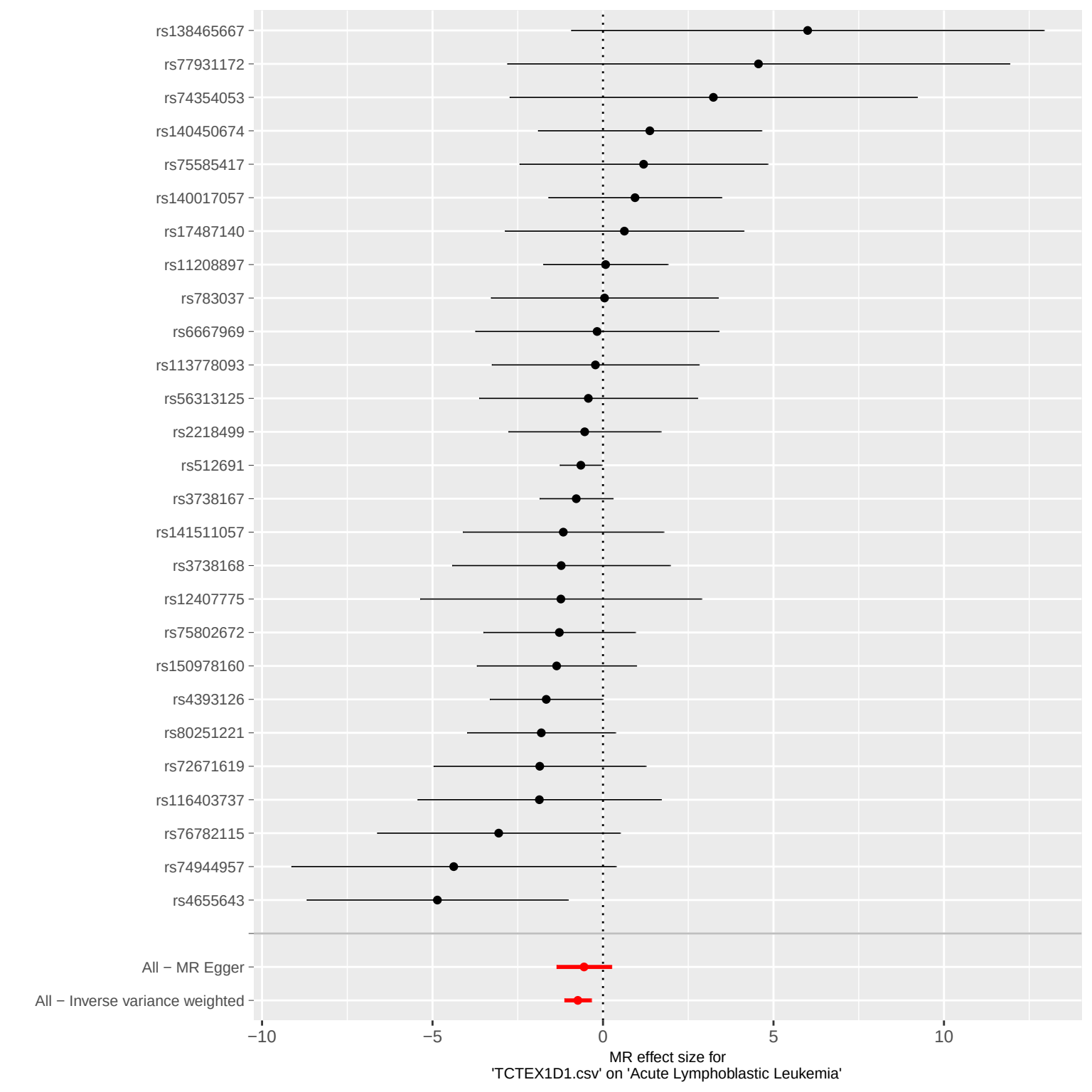
4
MR effect size for
'TCL1A.csv' on 'Acute Lymphoblastic Leukemia'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rs72671619
rs116403737
rs76782115
rs74944957
rs4655643
All − MR Egger
All − Inverse variance weighted
−10
−5
0
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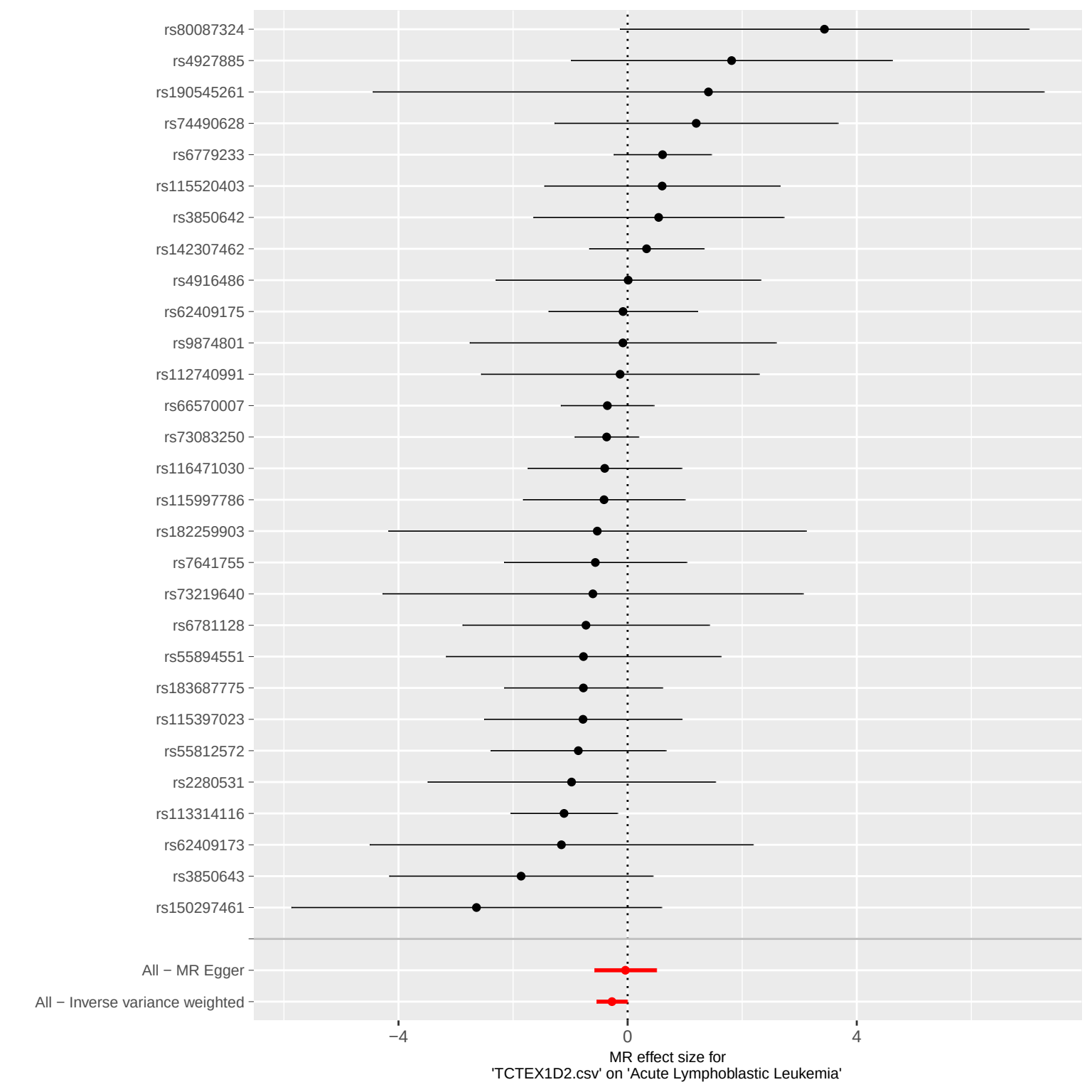
10
MR effect size for
'TCTEX1D1.csv' on 'Acute Lymphoblastic Leukemia'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rs2280531
rs113314116
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rs3850643
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All − Inverse variance weighted
−4
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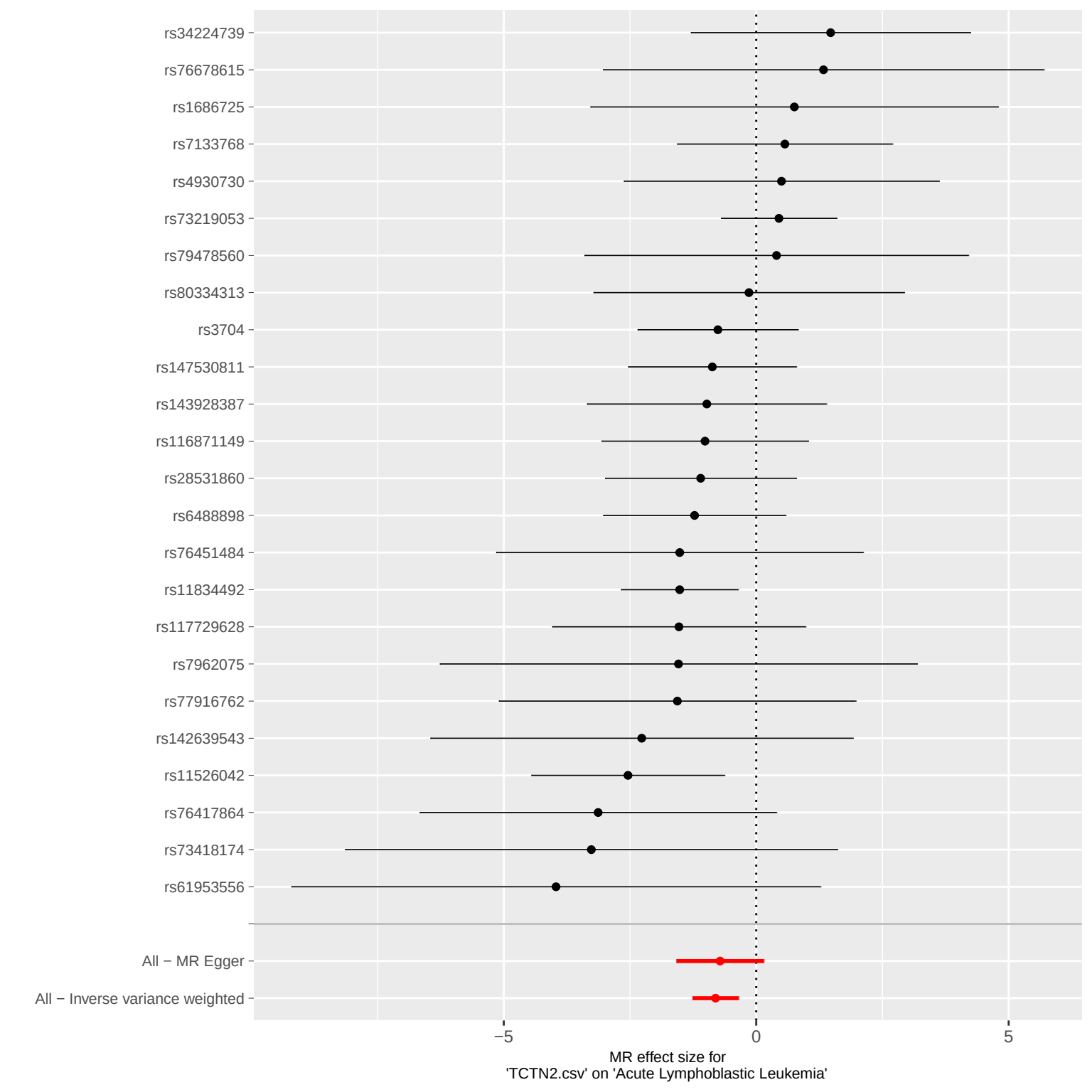
4
MR effect size for
'TCTEX1D2.csv' on 'Acute Lymphoblastic Leukemia'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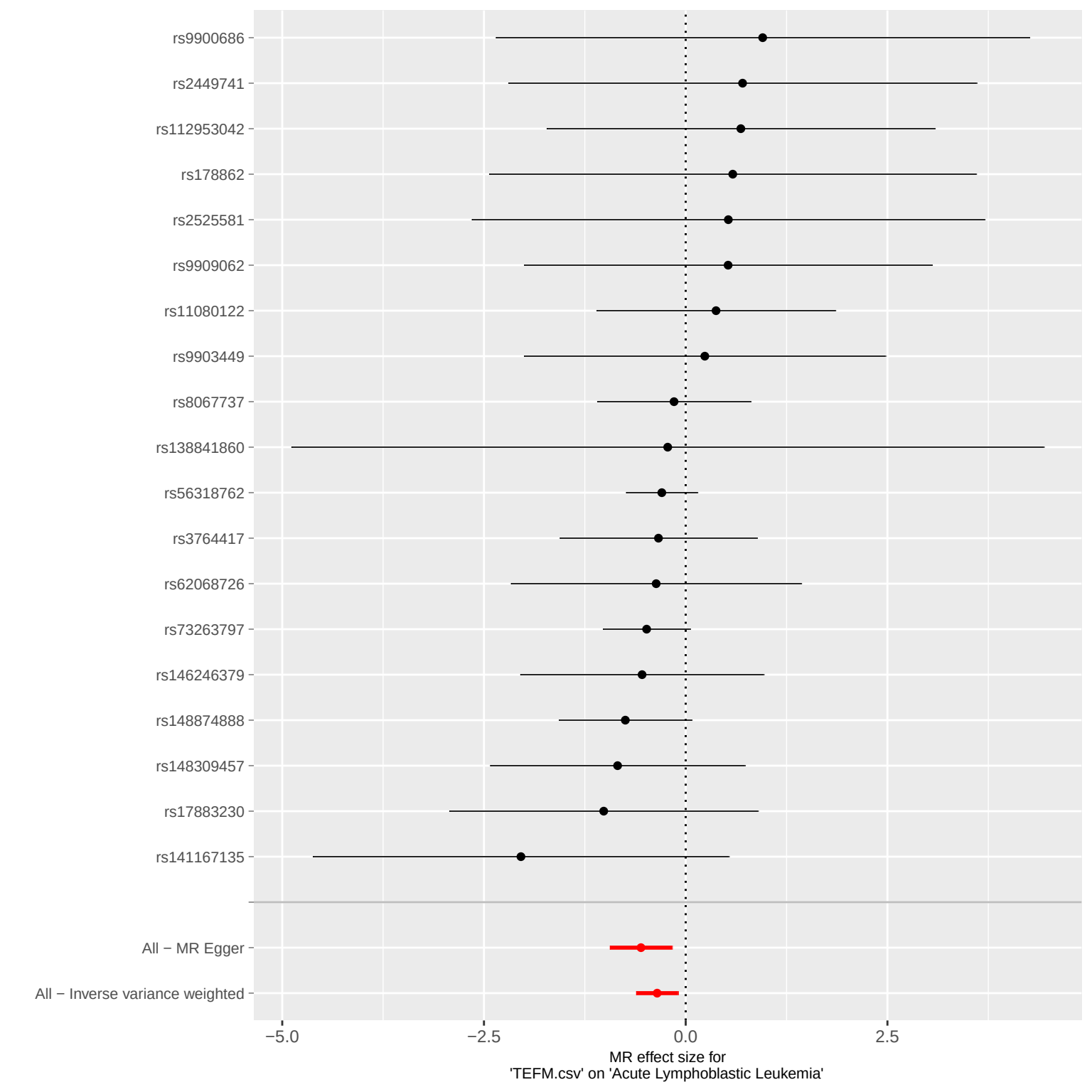
rs11834492
rs117729628
rs7962075
rs77916762
rs142639543
rs11526042
rs76417864
rs73418174
rs61953556
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TCTN2.csv' on 'Acute Lymphoblastic Leukemia'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rs146246379
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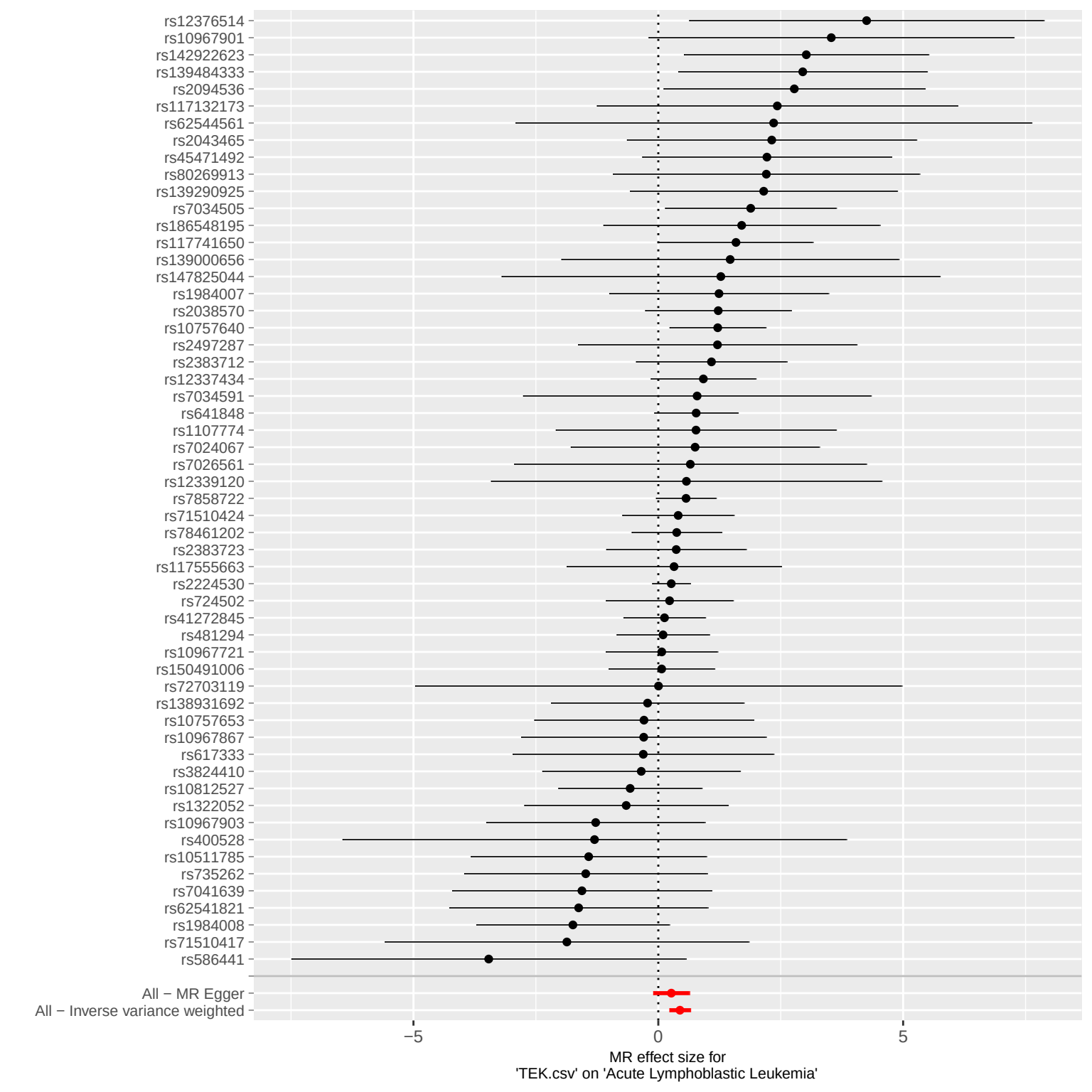
rs148309457
rs17883230
rs141167135
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TEFM.csv' on 'Acute Lymphoblastic Leukemia'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rs7041639
rs62541821
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All − MR Egger
All − Inverse variance weighted
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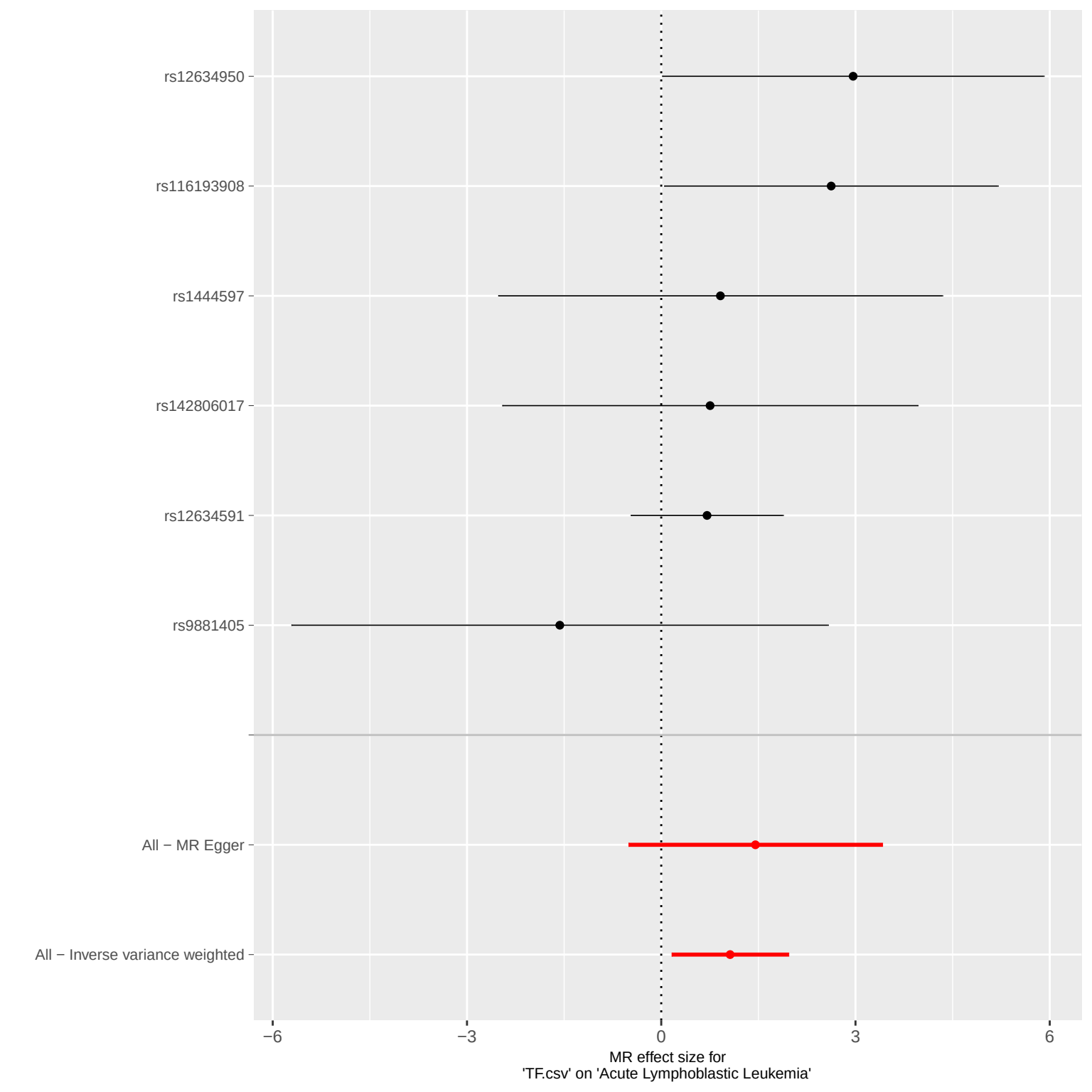
MR effect size for
'TEK.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
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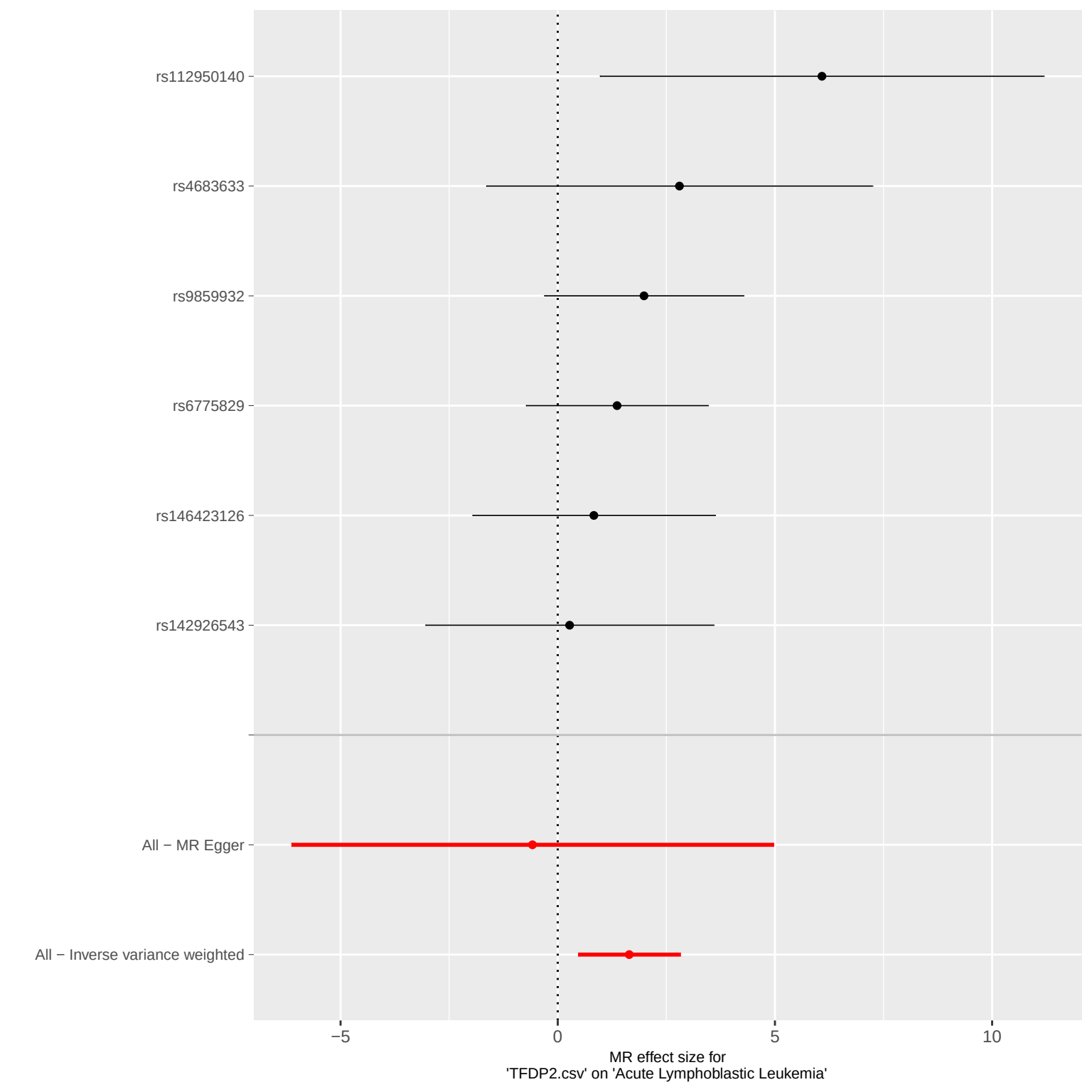
6
MR effect size for
'TF.csv' on 'Acute Lymphoblastic Leukemia'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rs4683633
rs9859932
rs6775829
rs146423126
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All − MR Egger
All − Inverse variance weighted
−5
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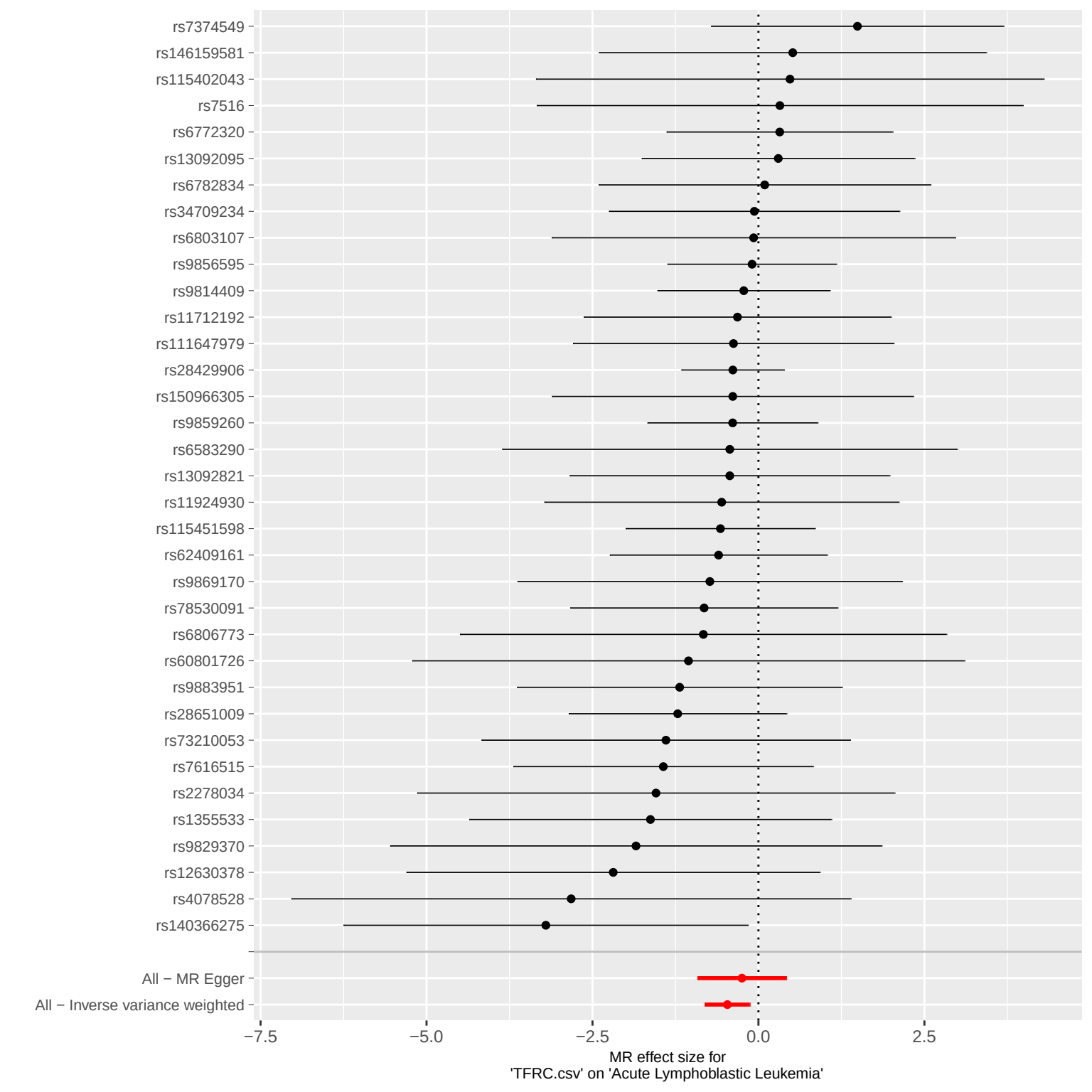
5
10
MR effect size for
'TFDP2.csv' on 'Acute Lymphoblastic Leukemia'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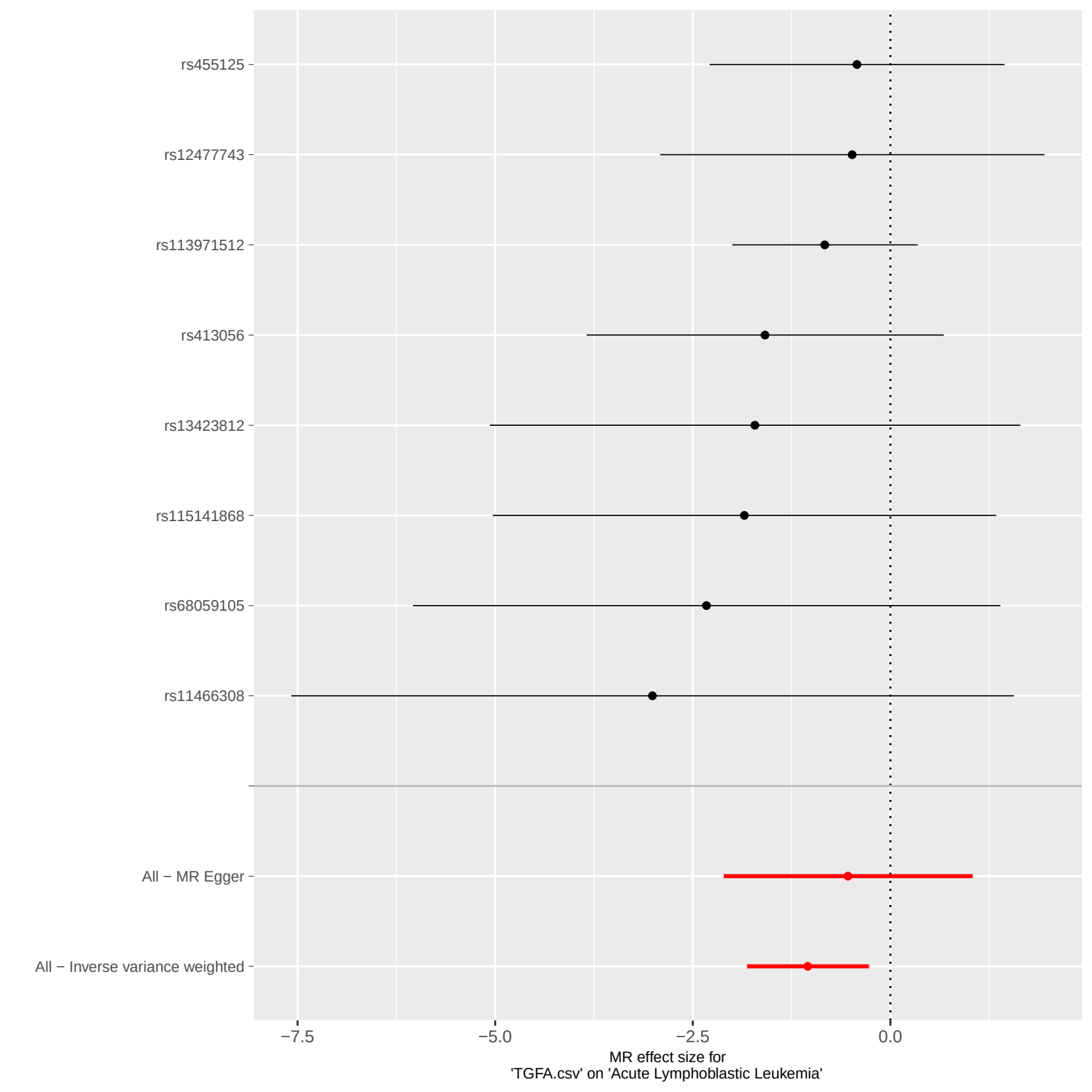
rs9883951
rs28651009
rs73210053
rs7616515
rs2278034
rs1355533
rs9829370
rs12630378
rs4078528
rs140366275
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'TFRC.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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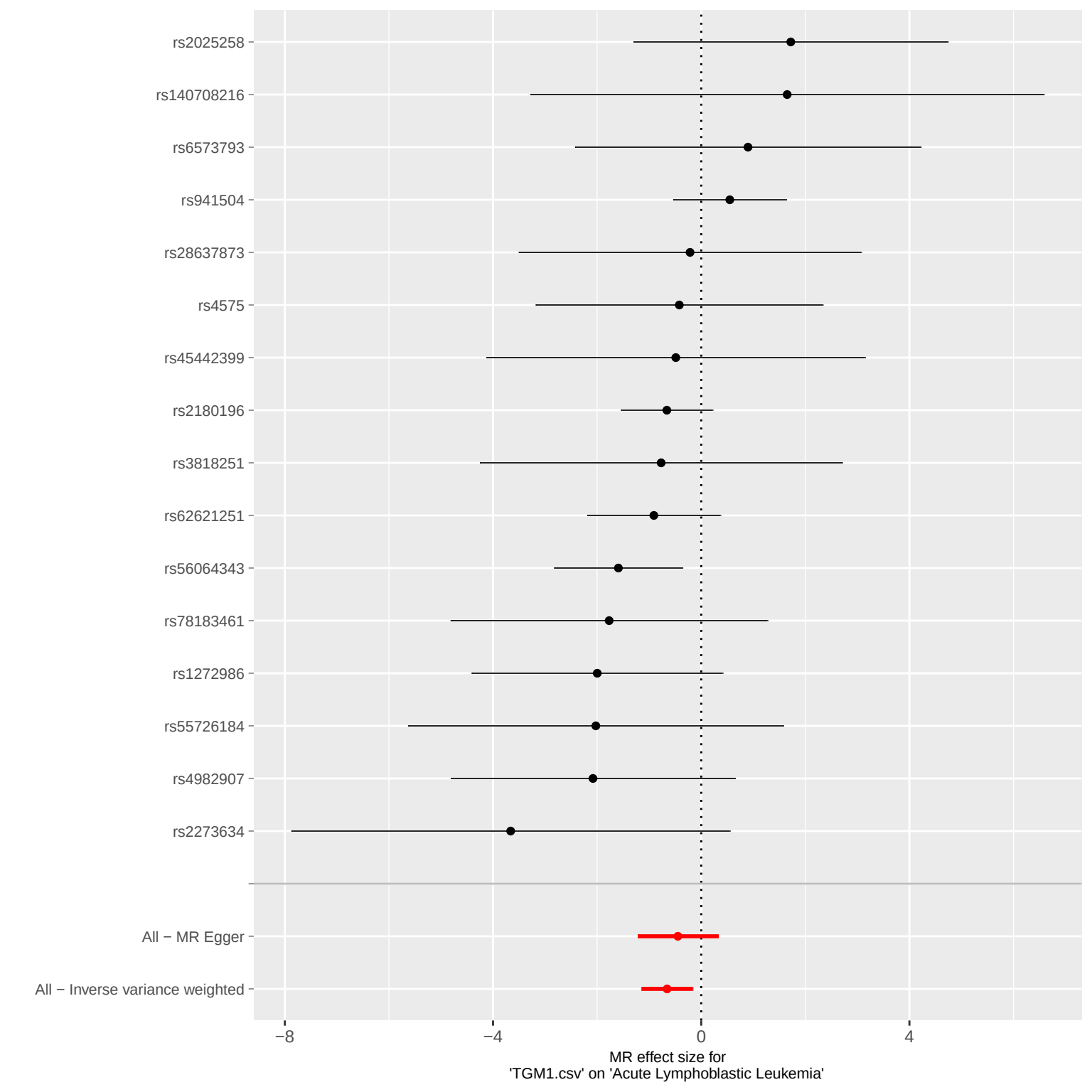
−5.0
−2.5
0.0
MR effect size for
'TGFA.csv' on 'Acute Lymphoblastic Leukemia'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rs2180196
rs3818251
rs62621251
rs56064343
rs78183461
rs1272986
rs55726184
rs4982907
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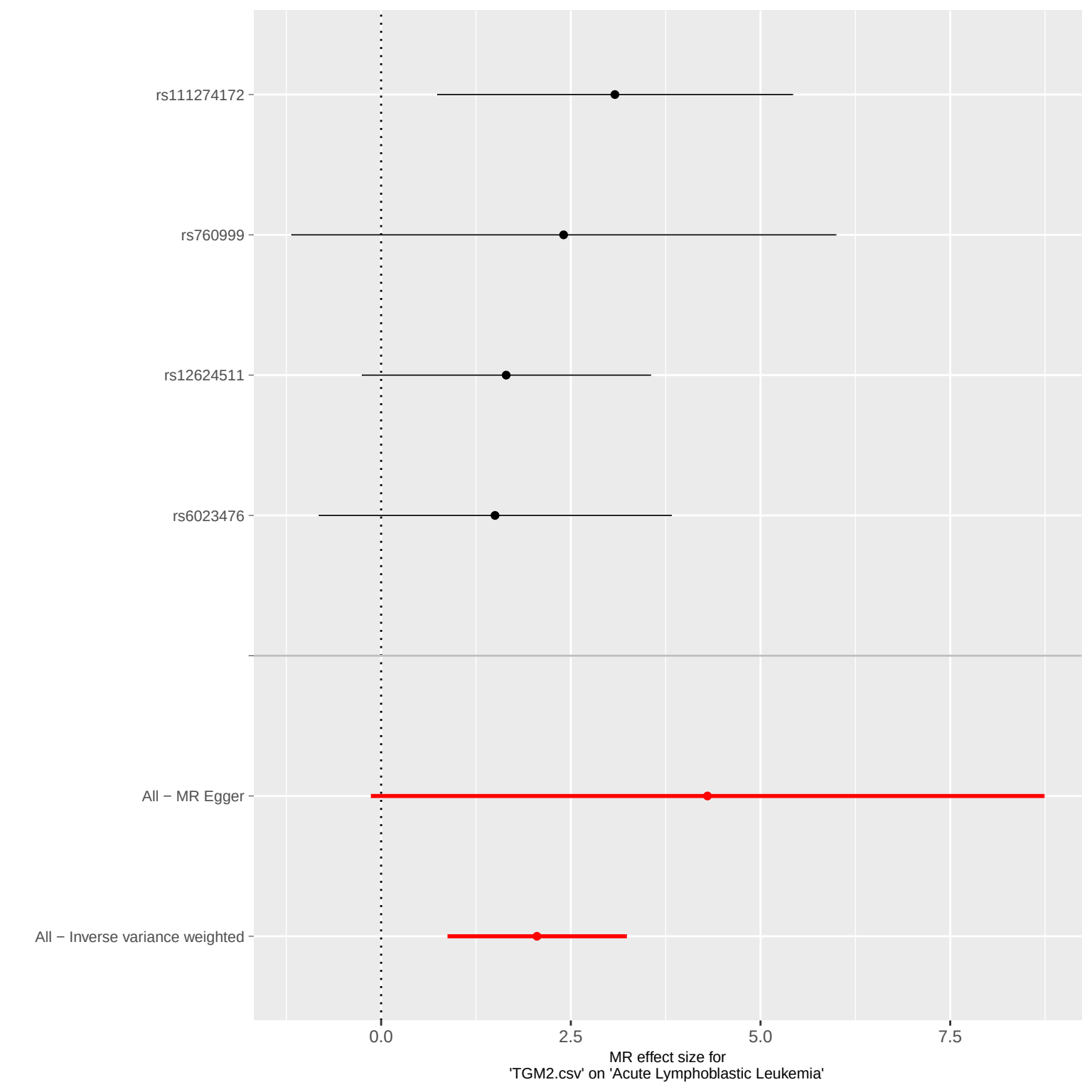
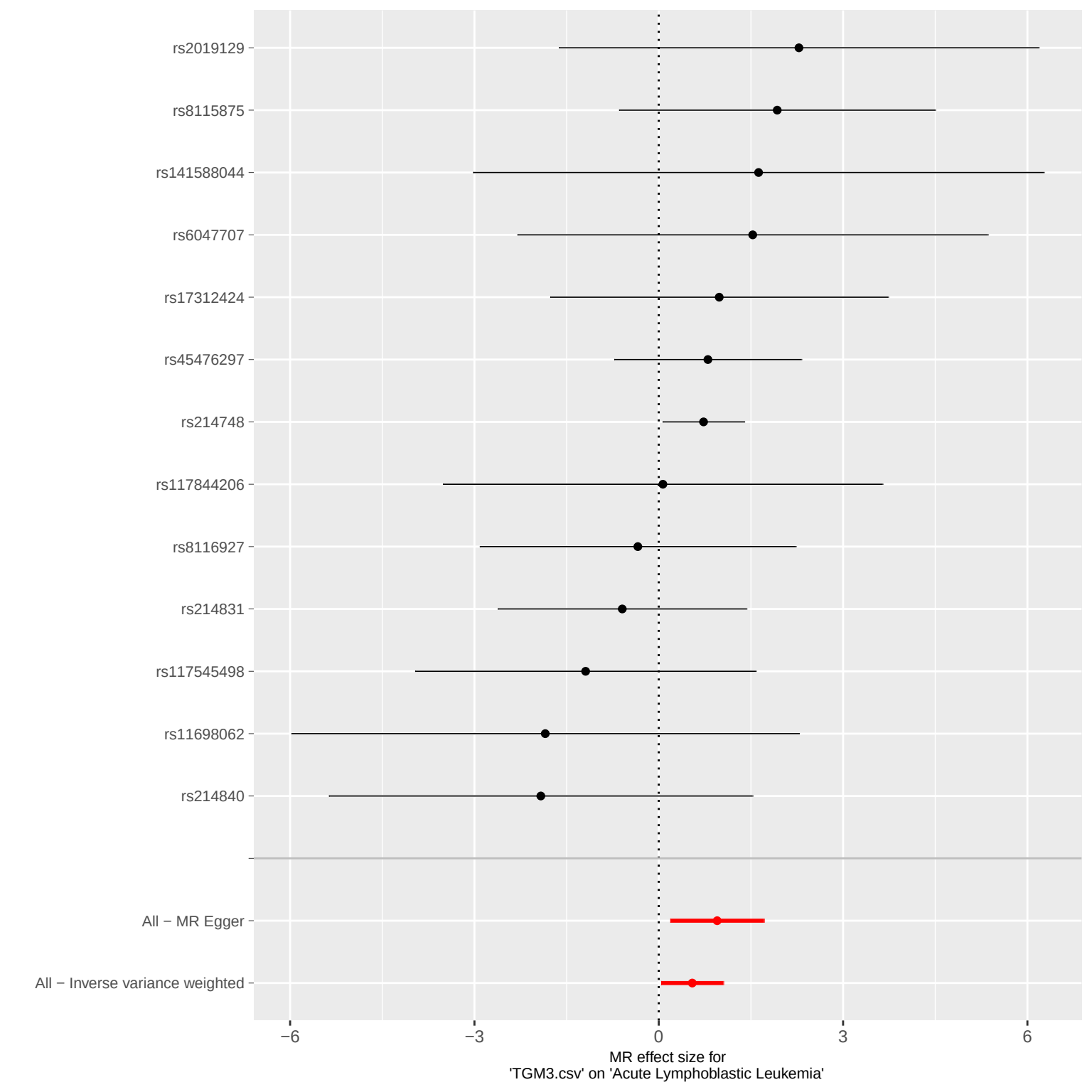
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'TGM1.csv' on 'Acute Lymphoblastic Leukemia'


rs111274172
rs760999
rs12624511
rs6023476
All − MR Egger
All − Inverse variance weighted
0.0
2.5
5.0
7.5
MR effect size for
'TGM2.csv' on 'Acute Lymphoblastic Leukemia'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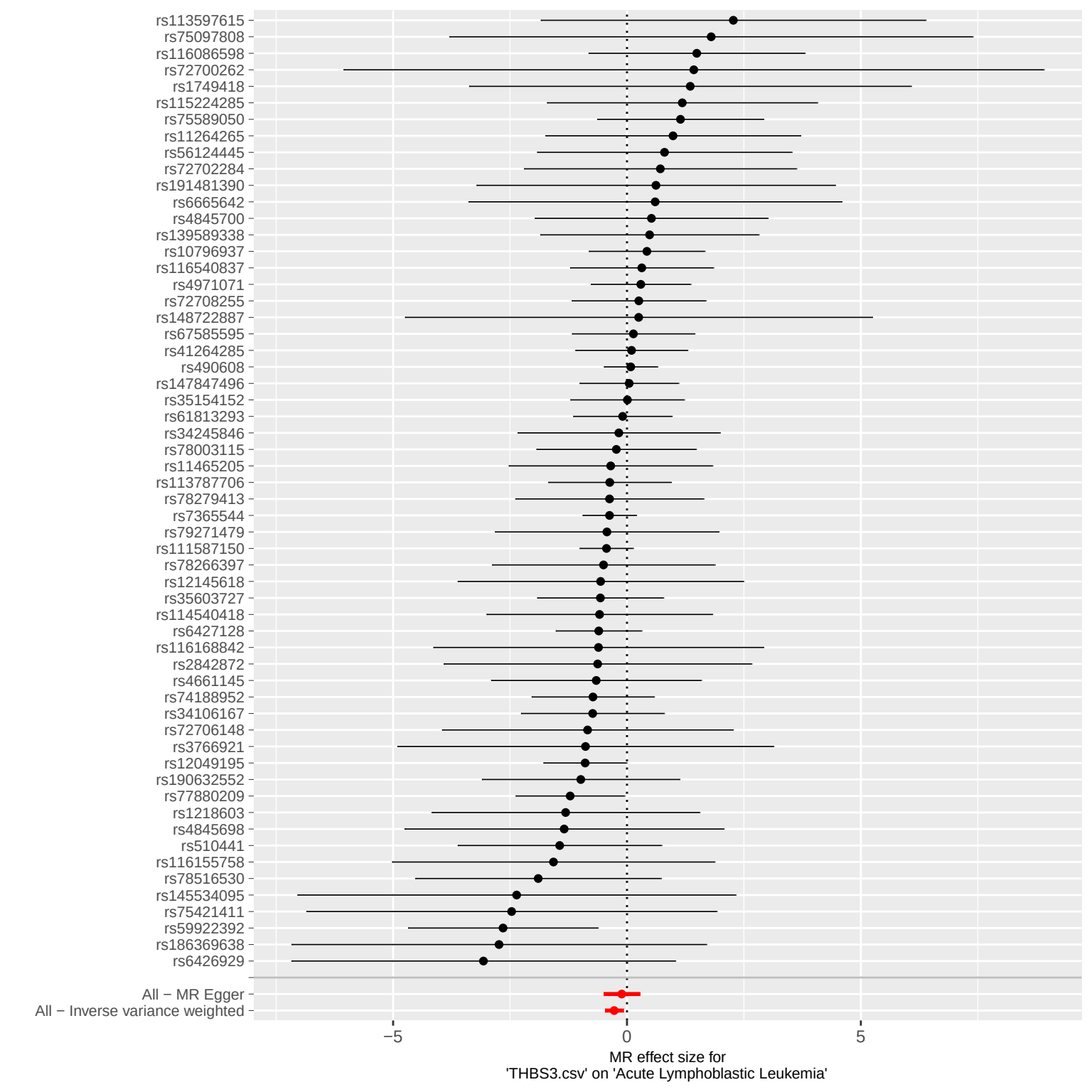
rs8115875
rs141588044
rs6047707
rs17312424
rs45476297
rs214748
rs117844206
rs8116927
rs214831
rs117545498
rs11698062
rs214840
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TGM3.csv' on 'Acute Lymphoblastic Leukemia'


rs113597615
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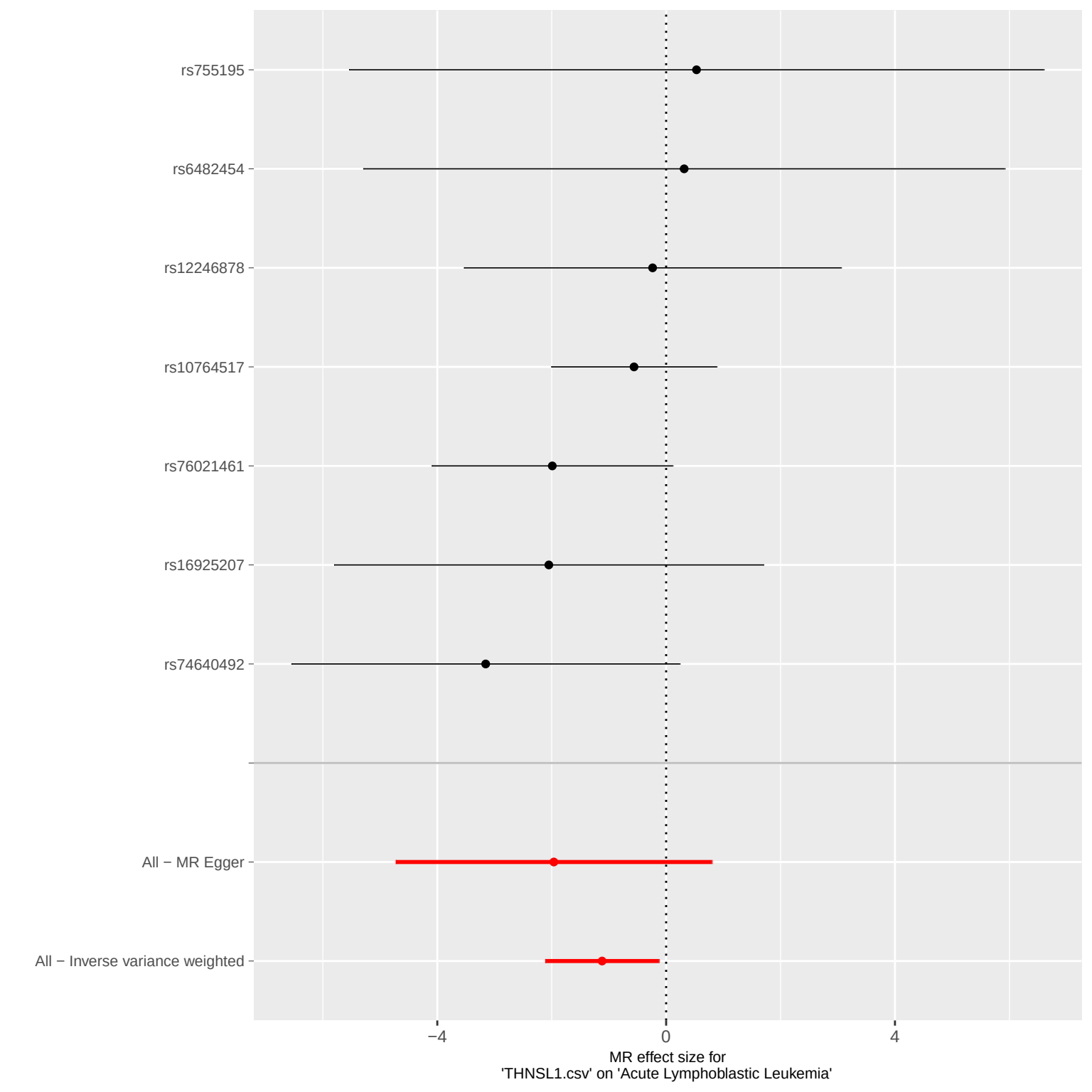
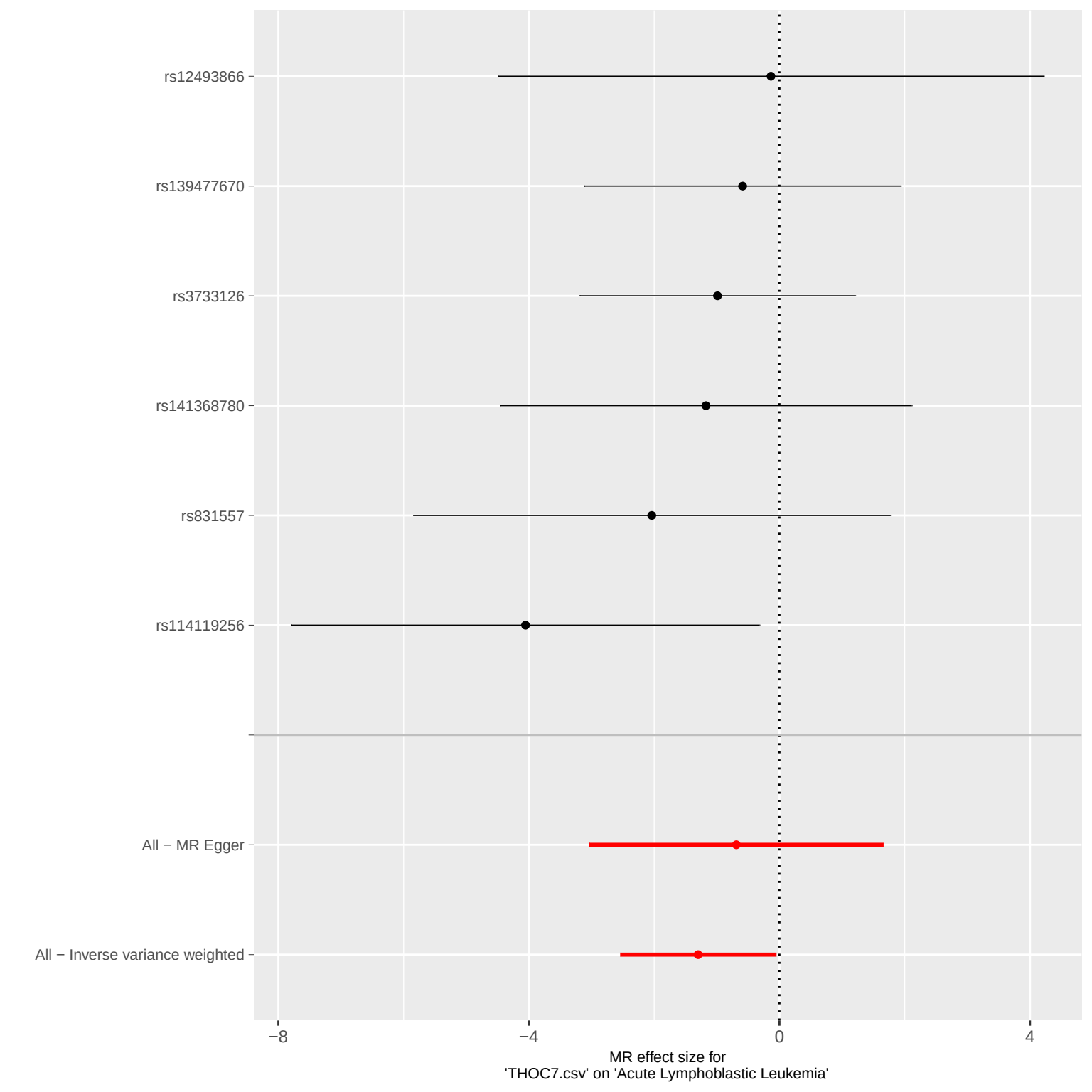
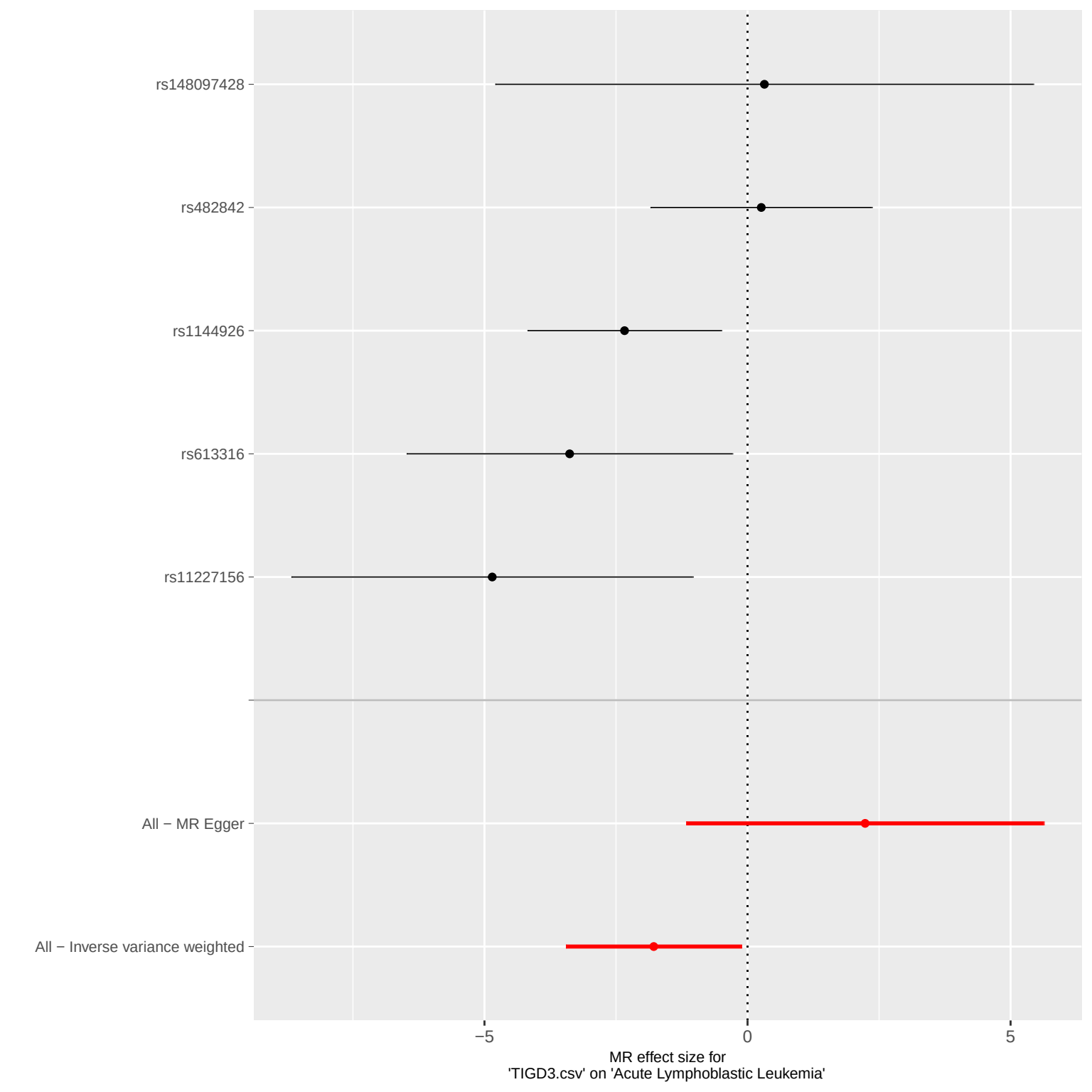
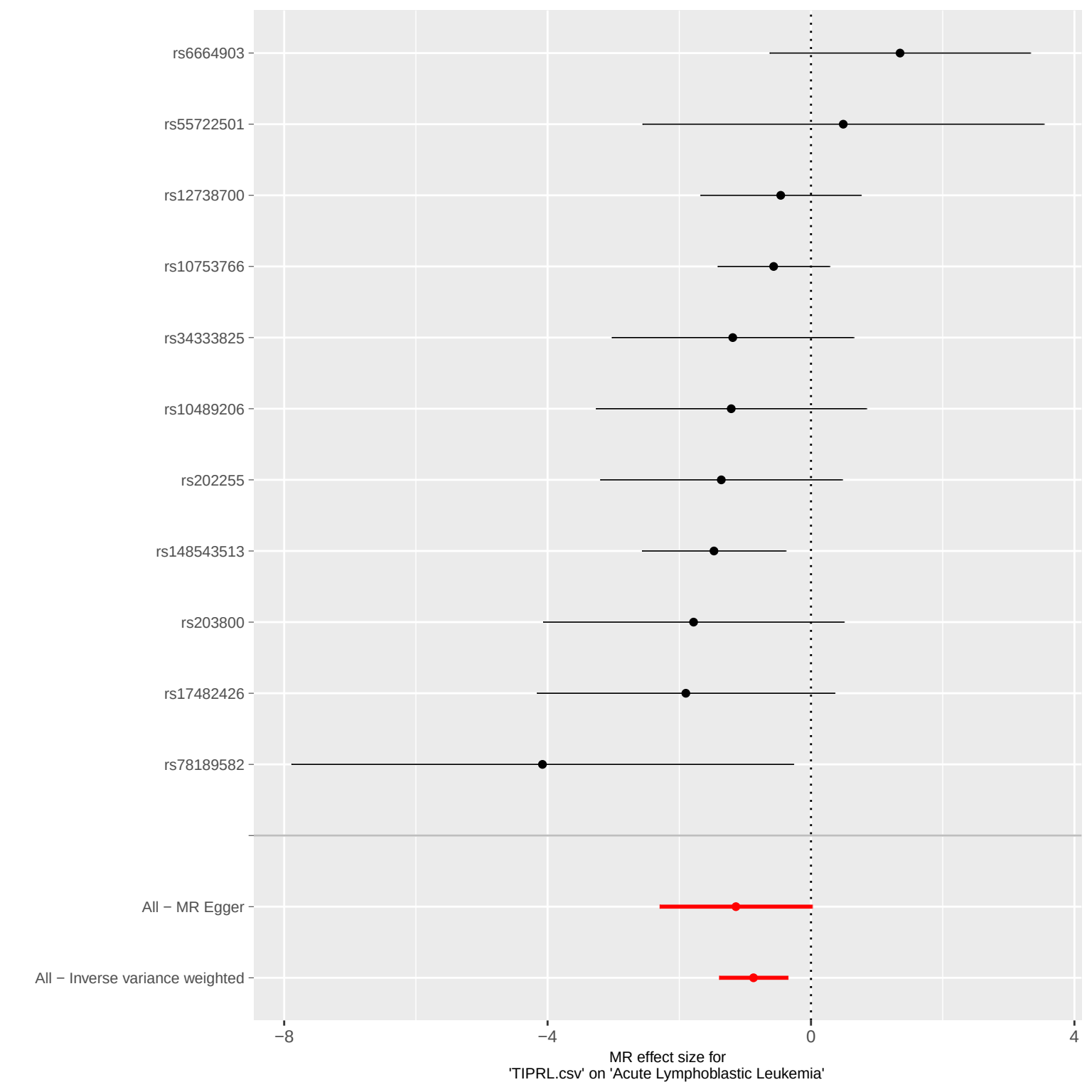
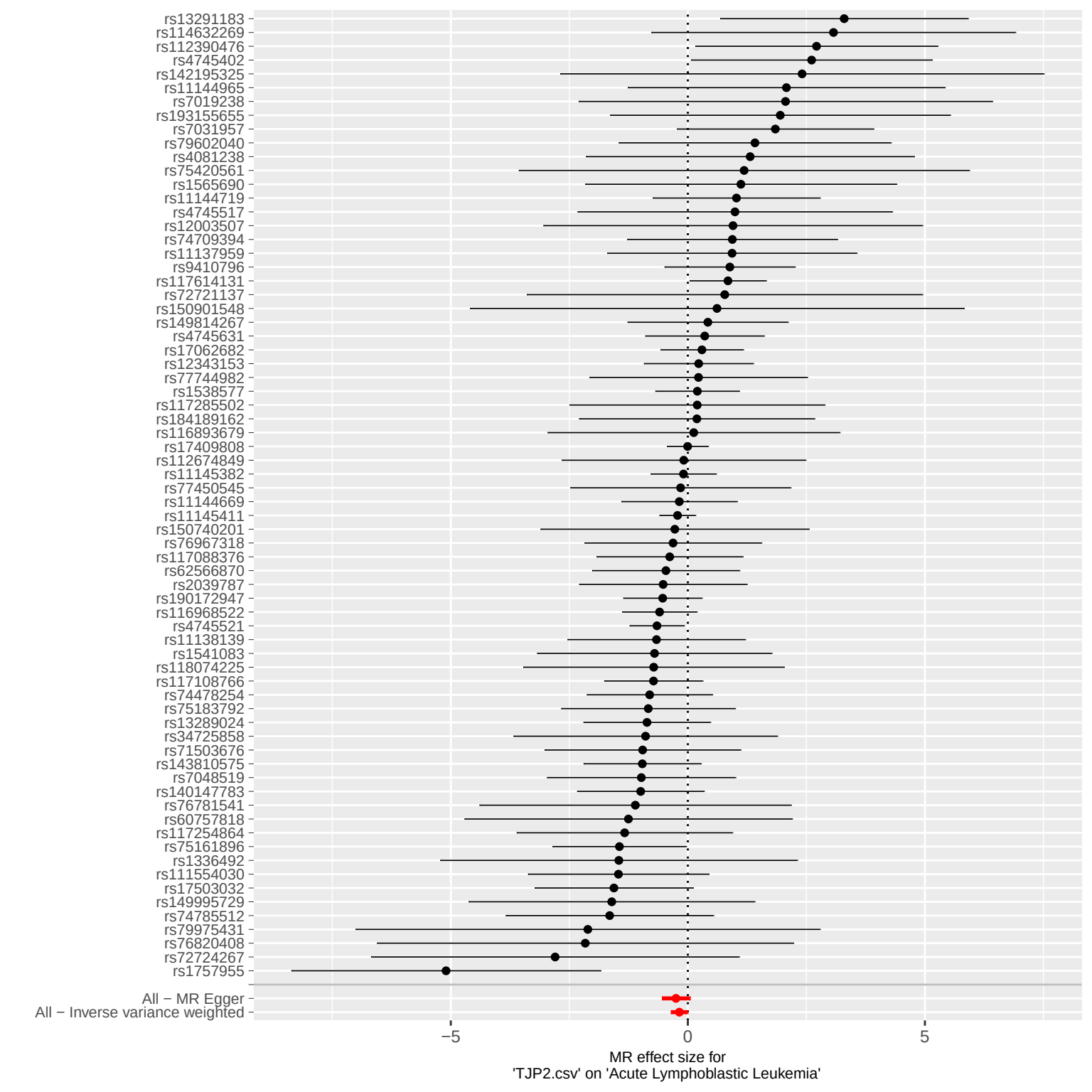
rs6665642
rs4845700
rs139589338
rs10796937
rs116540837
rs4971071
rs72708255
rs148722887
rs67585595
rs41264285
rs490608
rs147847496
rs35154152
rs61813293
rs34245846
rs78003115
rs11465205
rs113787706
rs78279413
rs7365544
rs79271479
rs111587150
rs78266397
rs12145618
rs35603727
rs114540418
rs6427128
rs116168842
rs2842872
rs4661145
rs74188952
rs34106167
rs72706148
rs3766921
rs12049195
rs190632552
rs77880209
rs1218603
rs4845698
rs510441
rs116155758
rs78516530
rs145534095
rs75421411
rs59922392
rs186369638
rs6426929
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'THBS3.csv' on 'Acute Lymphoblastic Leukemia'


rs755195
rs6482454
rs12246878
rs10764517
rs76021461
rs16925207
rs74640492
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'THNSL1.csv' on 'Acute Lymphoblastic Leukemia'


rs12493866
rs139477670
rs3733126
rs141368780
rs831557
rs114119256
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'THOC7.csv' on 'Acute Lymphoblastic Leukemia'


rs148097428
rs482842
rs1144926
rs613316
rs11227156
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TIGD3.csv' on 'Acute Lymphoblastic Leukemia'


rs6664903
rs55722501
rs12738700
rs10753766
rs34333825
rs10489206
rs202255
rs148543513
rs203800
rs17482426
rs78189582
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'TIPRL.csv' on 'Acute Lymphoblastic Leukemia'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rs142195325
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rs7019238
rs193155655
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rs79602040
rs4081238
rs75420561
rs1565690
rs11144719
rs4745517
rs12003507
rs74709394
rs11137959
rs9410796
rs117614131
rs72721137
rs150901548
rs149814267
rs4745631
rs17062682
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rs77744982
rs1538577
rs117285502
rs184189162
rs116893679
rs17409808
rs112674849
rs11145382
rs77450545
rs11144669
rs11145411
rs150740201
rs76967318
rs117088376
rs62566870
rs2039787
rs190172947
rs116968522
rs4745521
rs11138139
rs1541083
rs118074225
rs117108766
rs74478254
rs75183792
rs13289024
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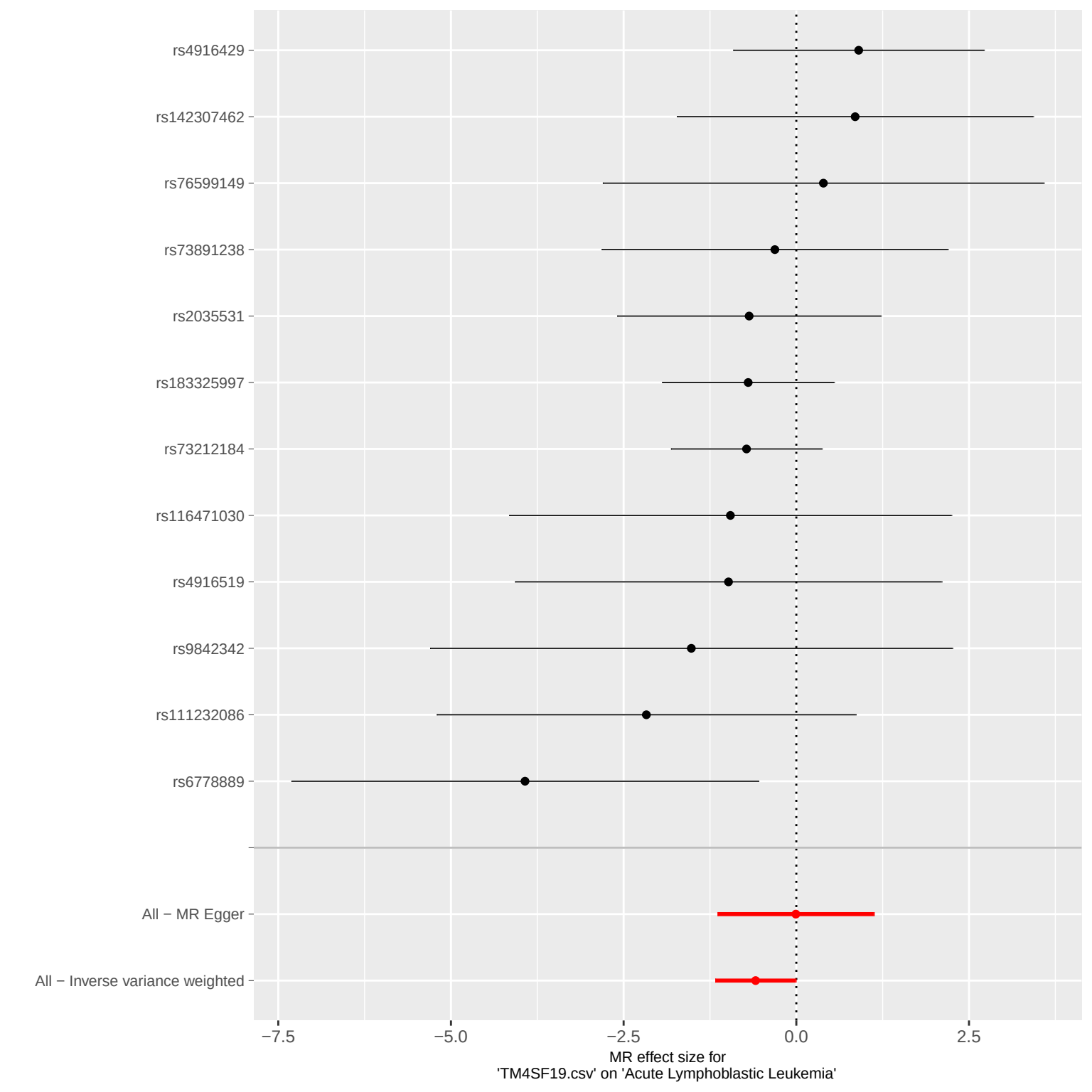
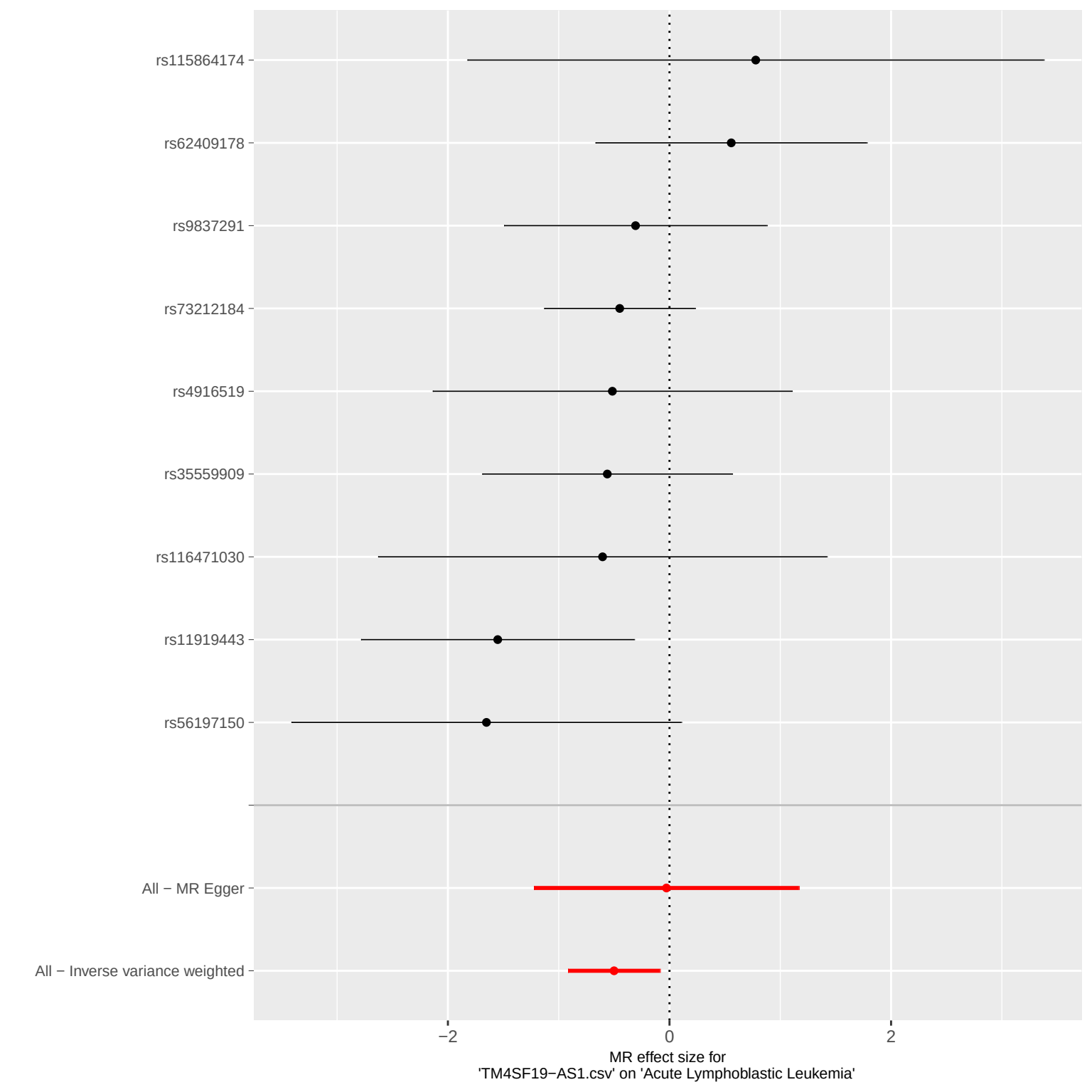
rs143810575
rs7048519
rs140147783
rs76781541
rs60757818
rs117254864
rs75161896
rs1336492
rs111554030
rs17503032
rs149995729
rs74785512
rs79975431
rs76820408
rs72724267
rs1757955
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TJP2.csv' on 'Acute Lymphoblastic Leukemia'


rs4916429
rs142307462
rs76599149
rs73891238
rs2035531
rs183325997
rs73212184
rs116471030
rs4916519
rs9842342
rs111232086
rs6778889
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'TM4SF19.csv' on 'Acute Lymphoblastic Leukemia'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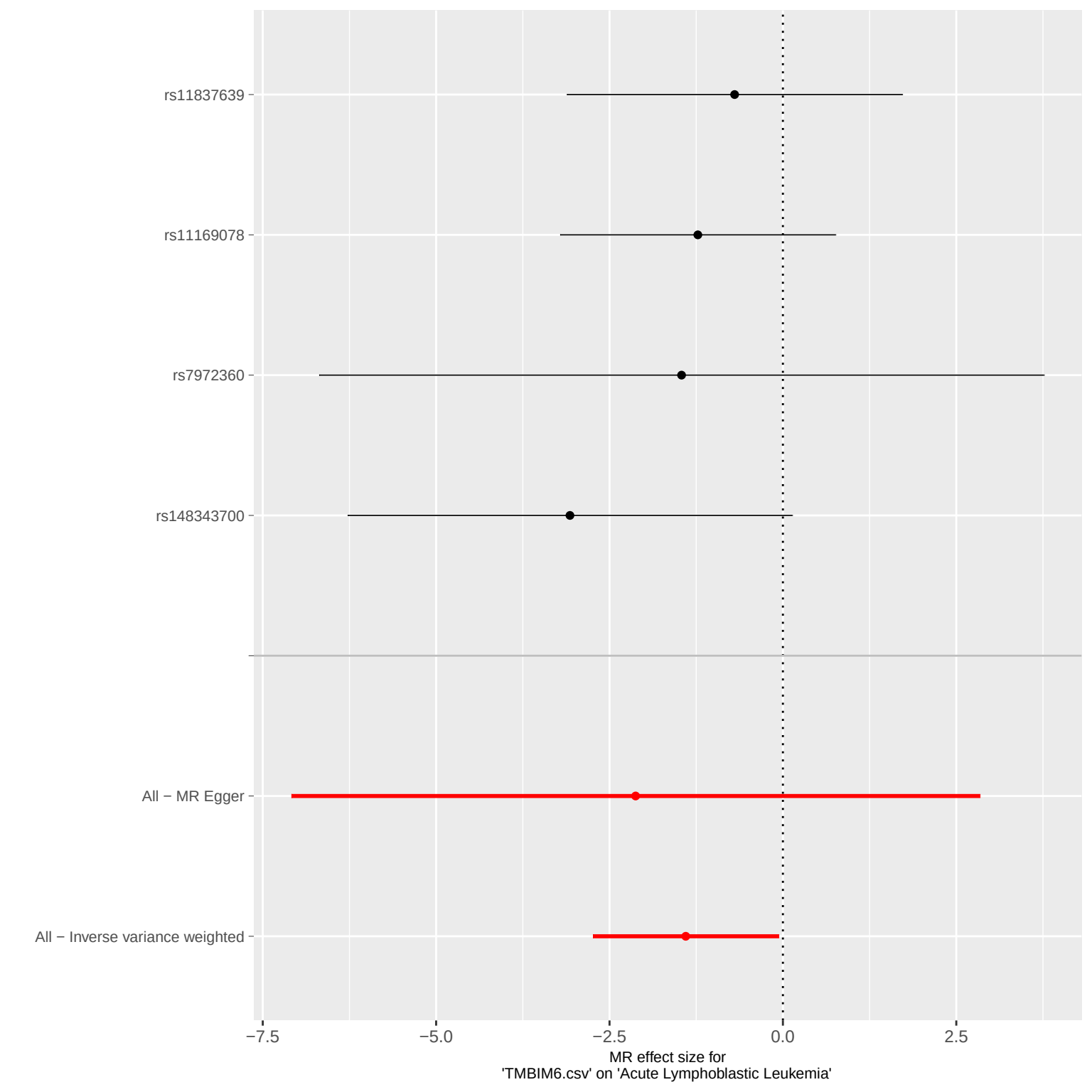
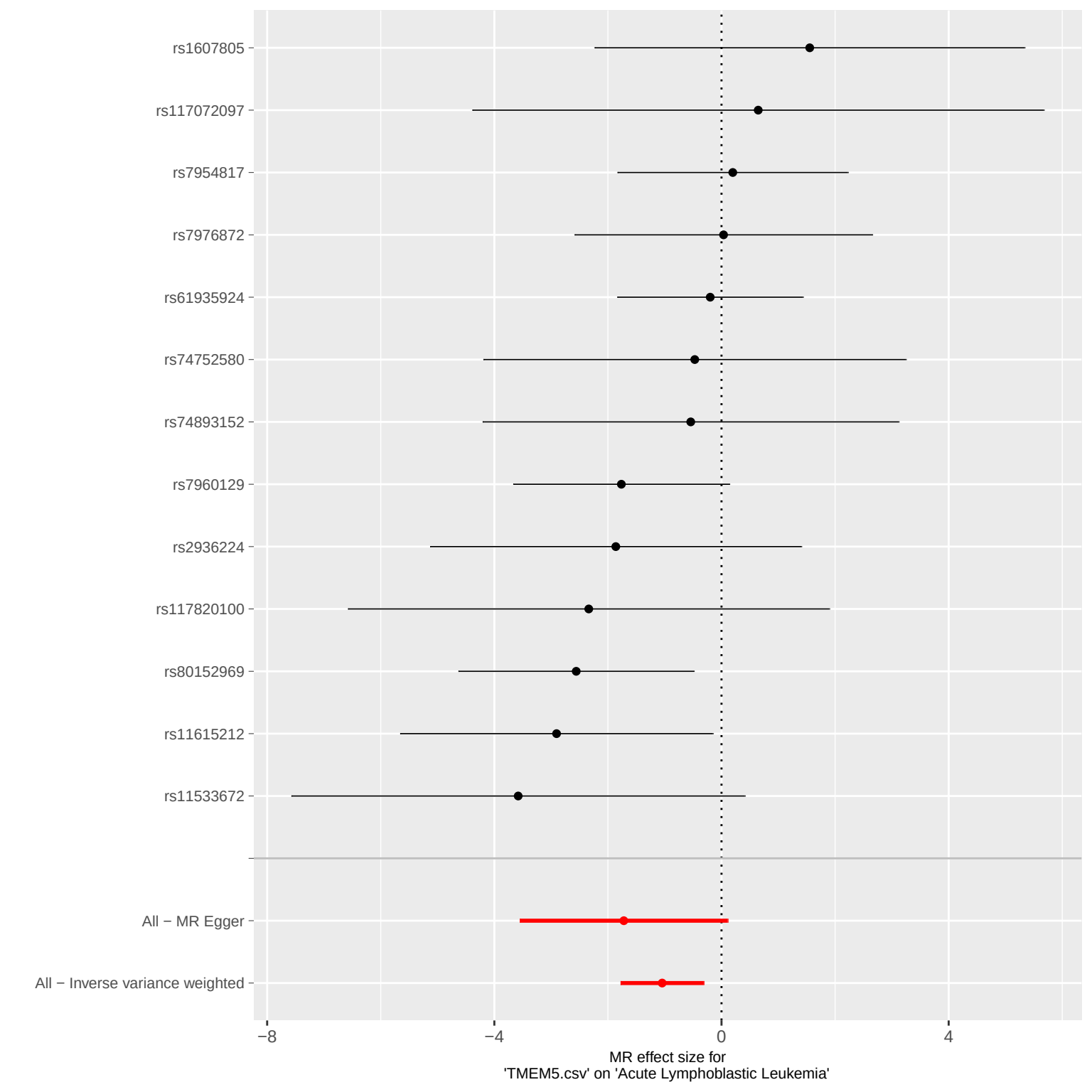
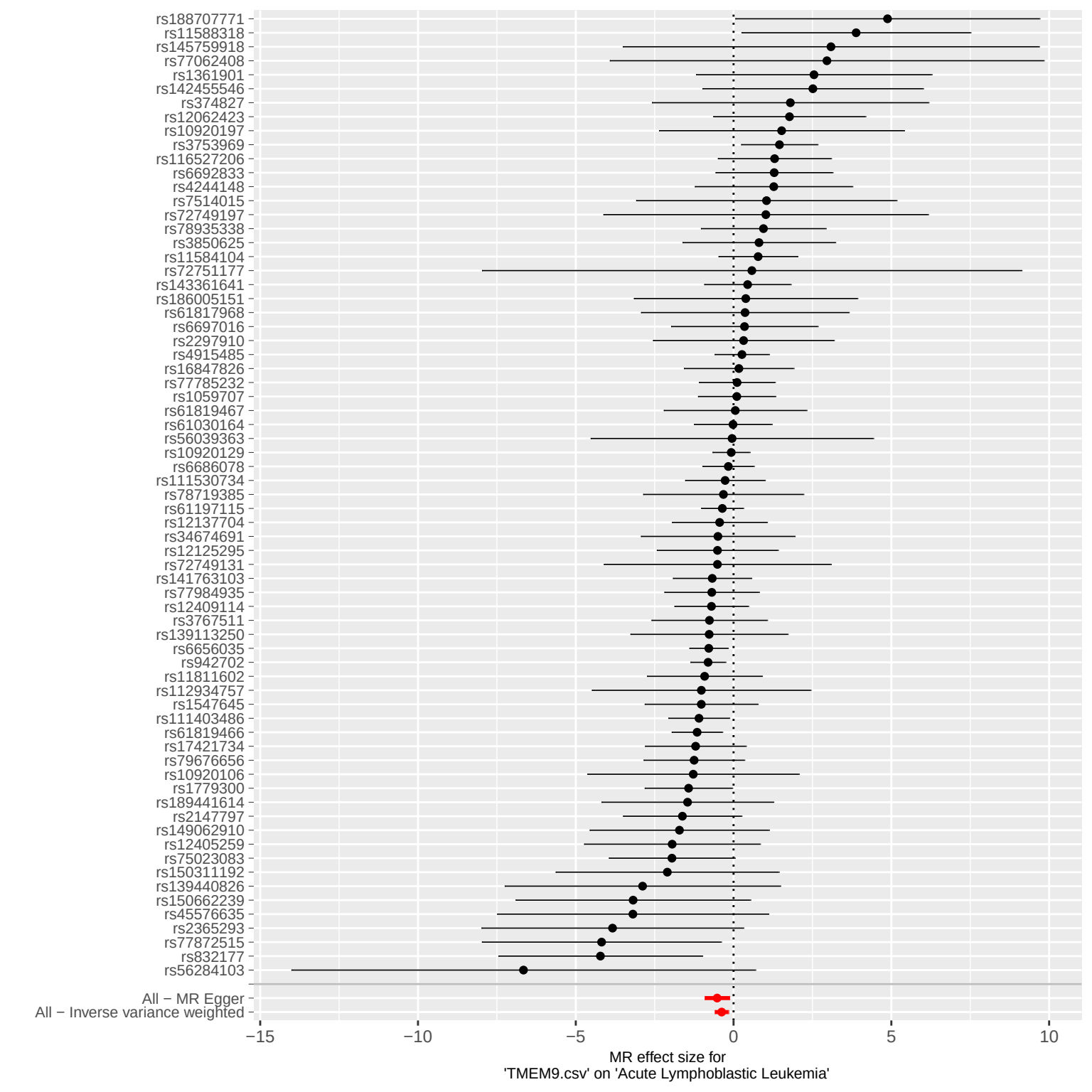
rs62409178
rs9837291
rs73212184
rs4916519
rs35559909
rs116471030
rs11919443
rs56197150
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TM4SF19−AS1.csv' on 'Acute Lymphoblastic Leukemia'


rs11837639
rs11169078
rs7972360
rs148343700
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'TMBIM6.csv' on 'Acute Lymphoblastic Leukemia'


rs1607805
rs117072097
rs7954817
rs7976872
rs61935924
rs74752580
rs74893152
rs7960129
rs2936224
rs117820100
rs80152969
rs11615212
rs11533672
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'TMEM5.csv' on 'Acute Lymphoblastic Leukemia'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rs145759918
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rs12062423
rs10920197
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rs116527206
rs6692833
rs4244148
rs7514015
rs72749197
rs78935338
rs3850625
rs11584104
rs72751177
rs143361641
rs186005151
rs61817968
rs6697016
rs2297910
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rs77785232
rs1059707
rs61819467
rs61030164
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rs112934757
rs1547645
rs111403486
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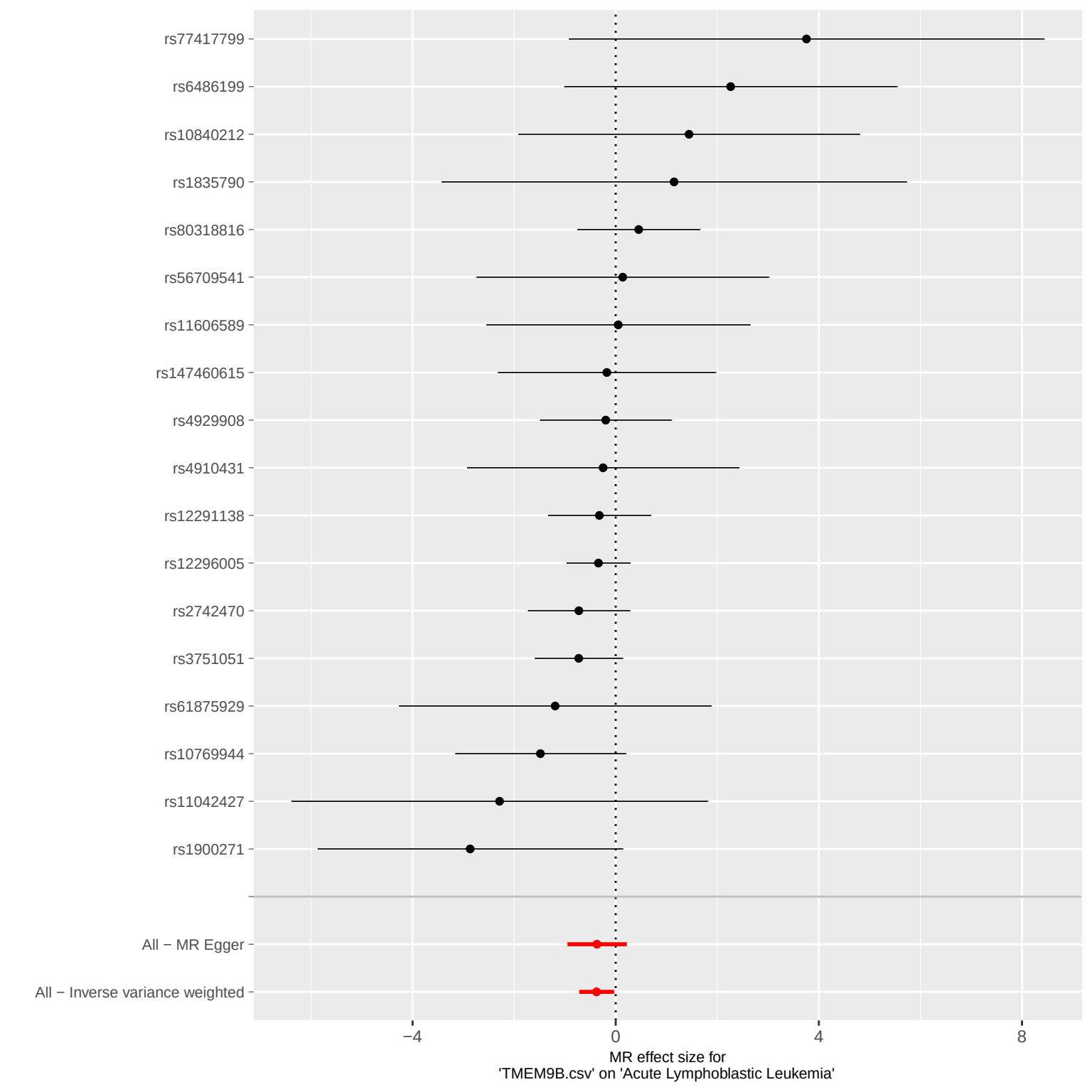
rs149062910
rs12405259
rs75023083
rs150311192
rs139440826
rs150662239
rs45576635
rs2365293
rs77872515
rs832177
rs56284103
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
10
MR effect size for
'TMEM9.csv' on 'Acute Lymphoblastic Leukemia'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rs1835790
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rs11606589
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rs4929908
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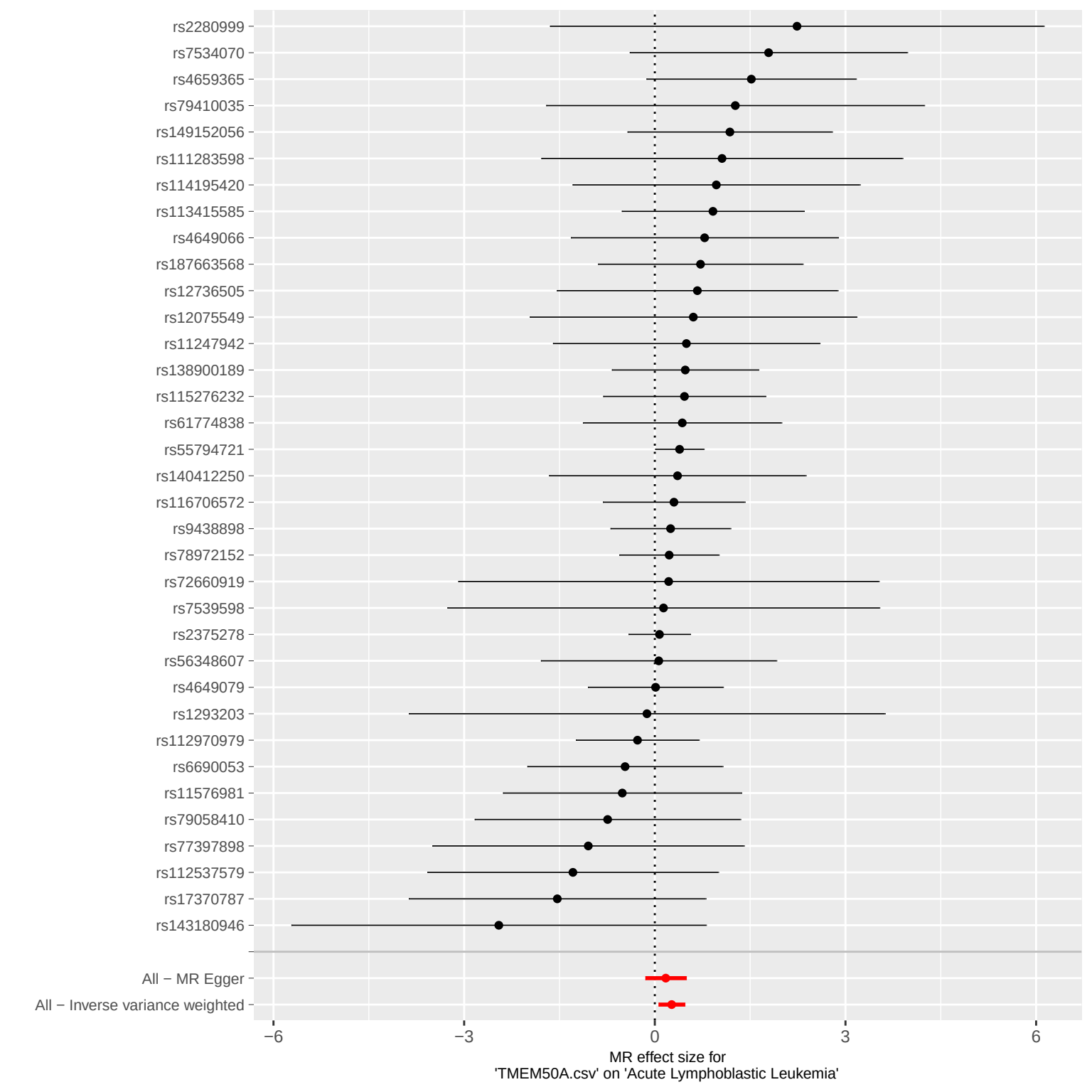
rs12291138
rs12296005
rs2742470
rs3751051
rs61875929
rs10769944
rs11042427
rs1900271
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'TMEM9B.csv' on 'Acute Lymphoblastic Leukemia'


rs2280999
rs7534070
rs4659365
rs79410035
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rs9438898
rs78972152
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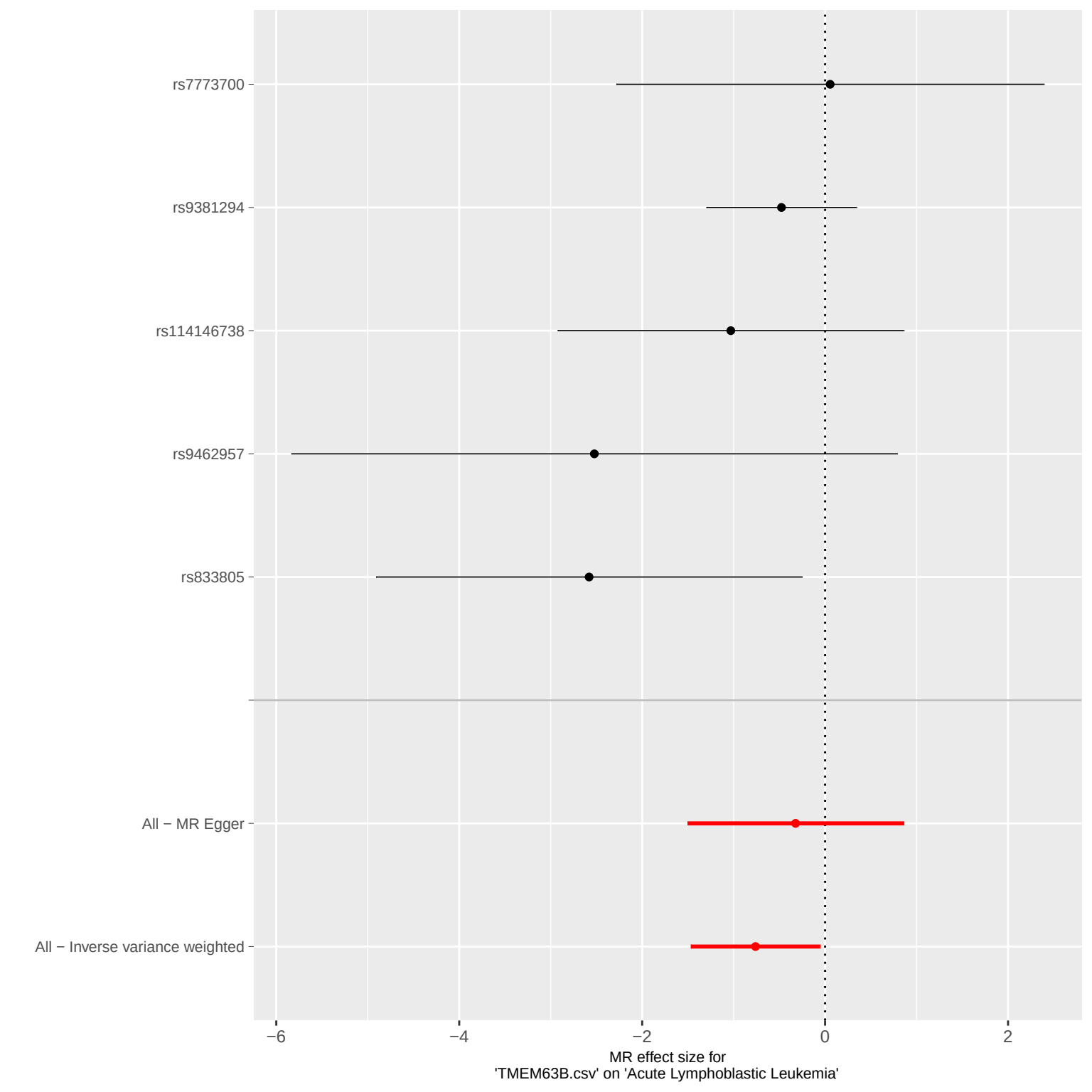
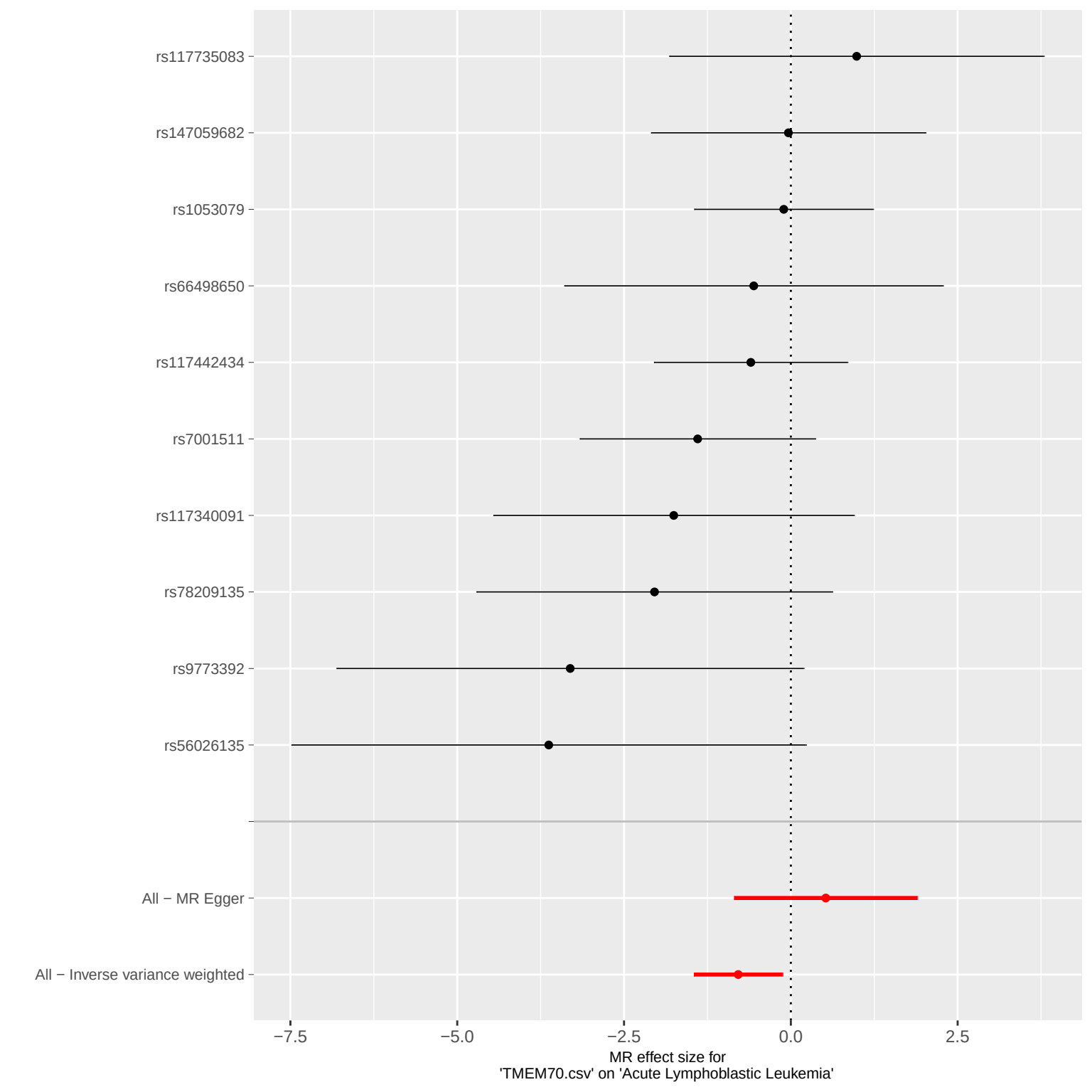
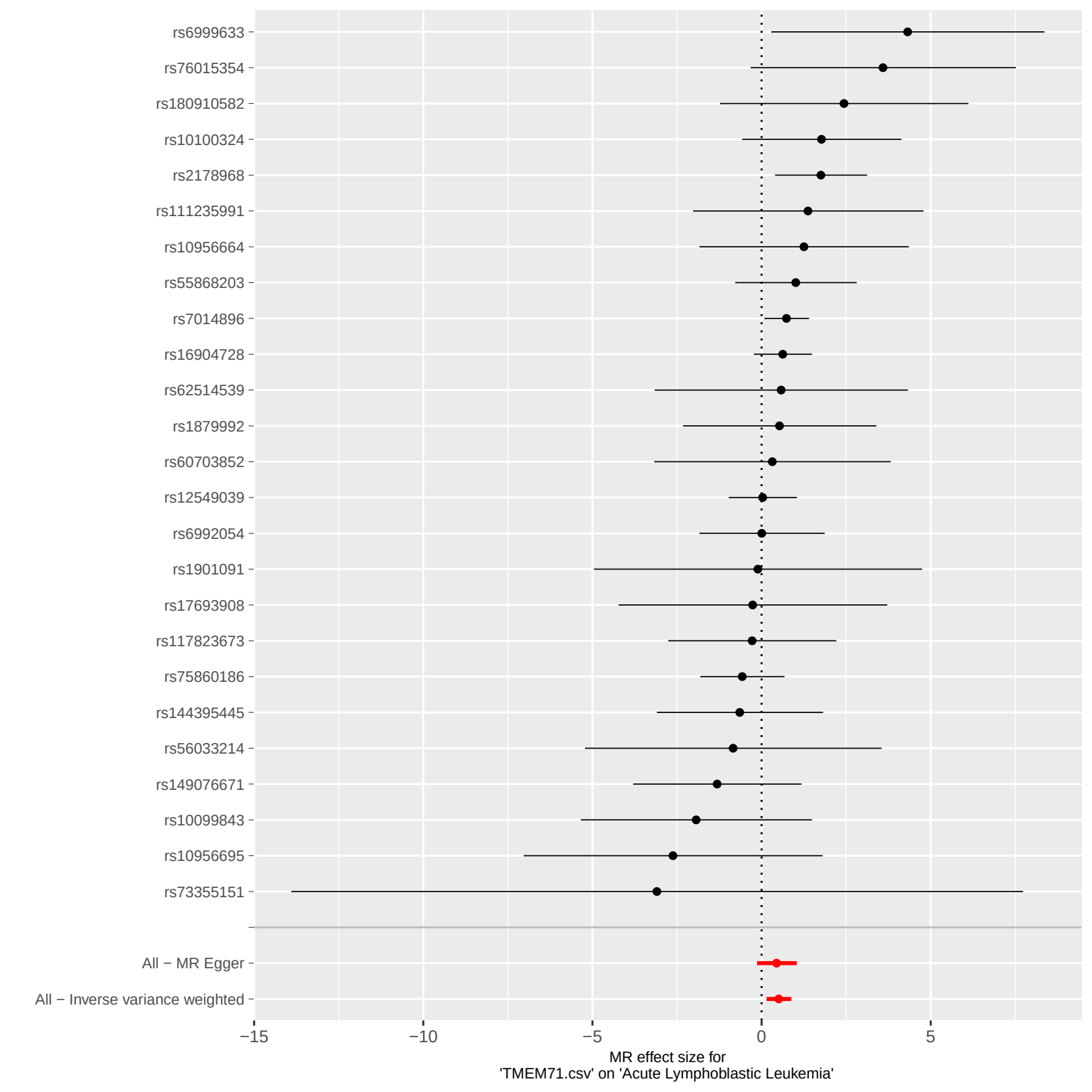
rs56348607
rs4649079
rs1293203
rs112970979
rs6690053
rs11576981
rs79058410
rs77397898
rs112537579
rs17370787
rs143180946
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TMEM50A.csv' on 'Acute Lymphoblastic Leukemia'


rs7773700
rs9381294
rs114146738
rs9462957
rs833805
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'TMEM63B.csv' on 'Acute Lymphoblastic Leukemia'


rs117735083
rs147059682
rs1053079
rs66498650
rs117442434
rs7001511
rs117340091
rs78209135
rs9773392
rs56026135
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'TMEM70.csv' on 'Acute Lymphoblastic Leukemia'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rs2178968
rs111235991
rs10956664
rs55868203
rs7014896
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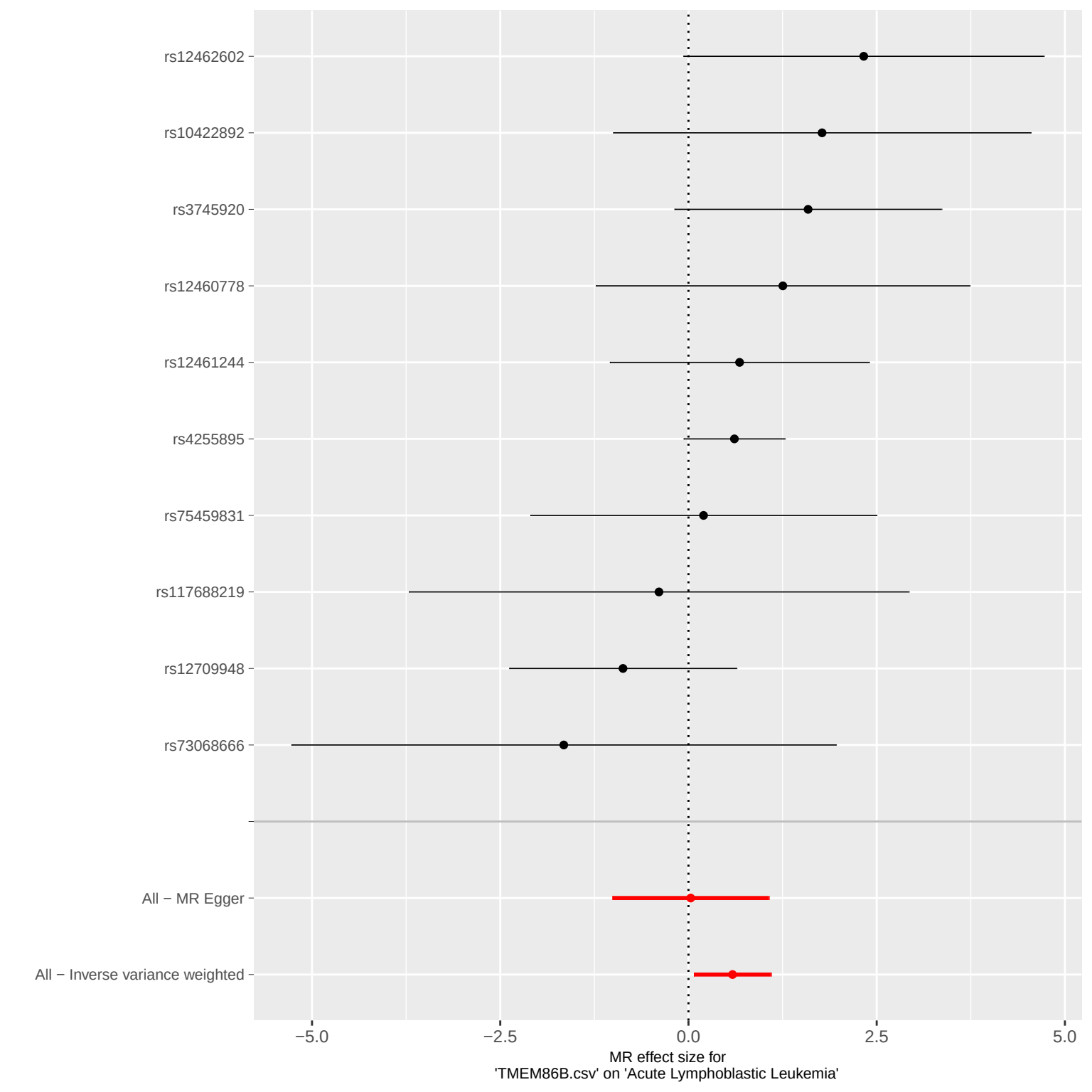
rs60703852
rs12549039
rs6992054
rs1901091
rs17693908
rs117823673
rs75860186
rs144395445
rs56033214
rs149076671
rs10099843
rs10956695
rs73355151
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
MR effect size for
'TMEM71.csv' on 'Acute Lymphoblastic Leukemia'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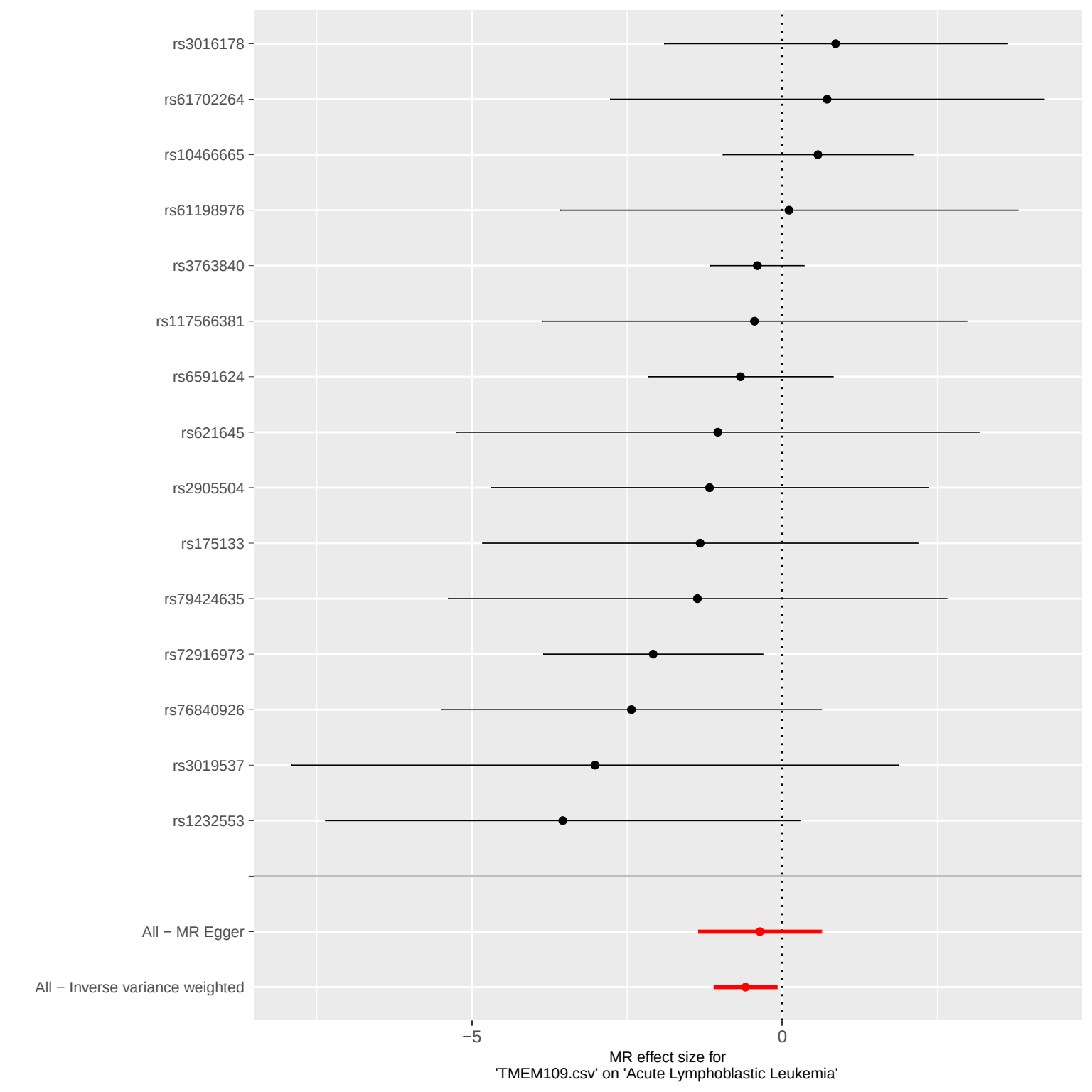
rs10422892
rs3745920
rs12460778
rs12461244
rs4255895
rs75459831
rs117688219
rs12709948
rs73068666
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TMEM86B.csv' on 'Acute Lymphoblastic Leukemia'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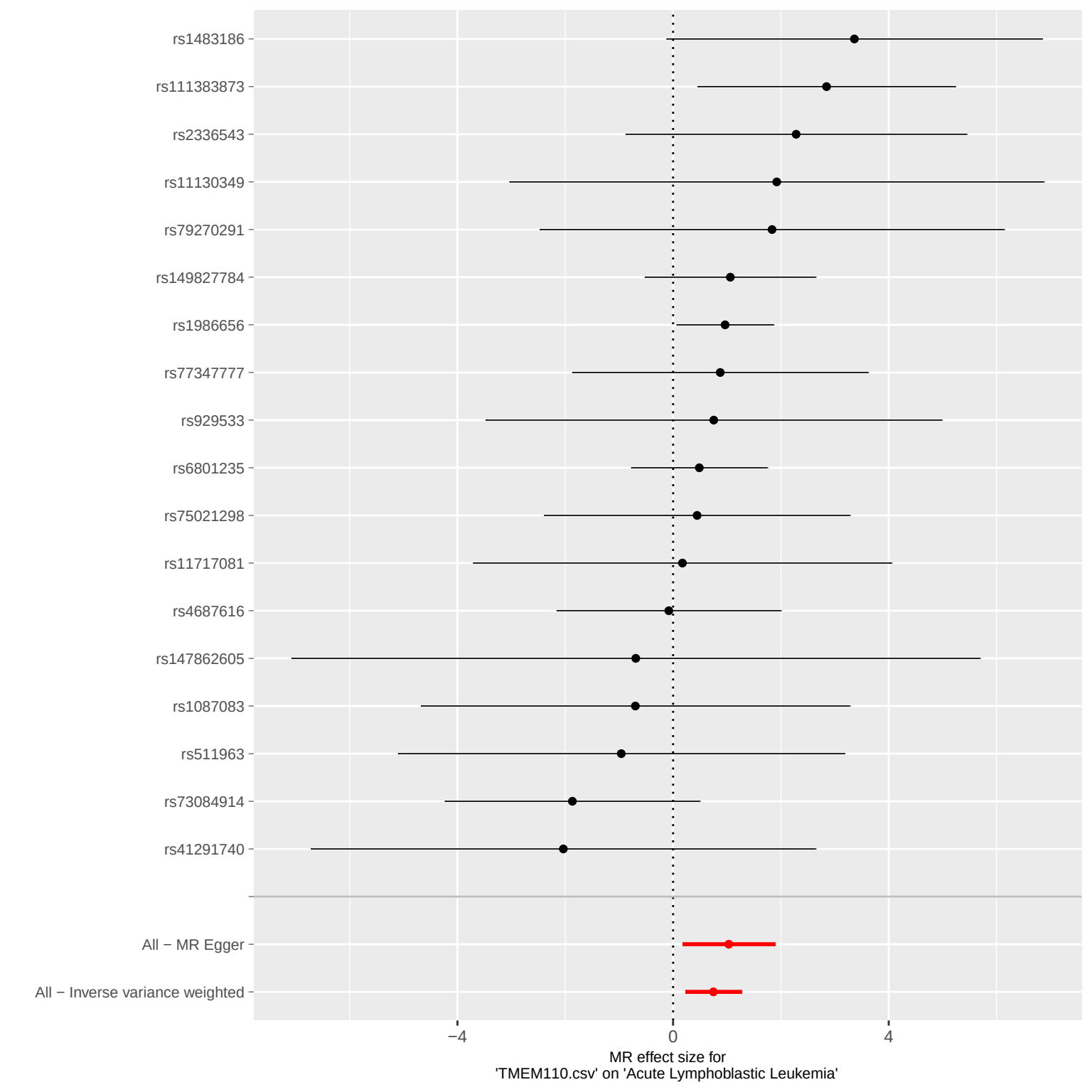
rs117566381
rs6591624
rs621645
rs2905504
rs175133
rs79424635
rs72916973
rs76840926
rs3019537
rs1232553
All − MR Egger
All − Inverse variance weighted
−5
0
MR effect size for
'TMEM109.csv' on 'Acute Lymphoblastic Leukemia'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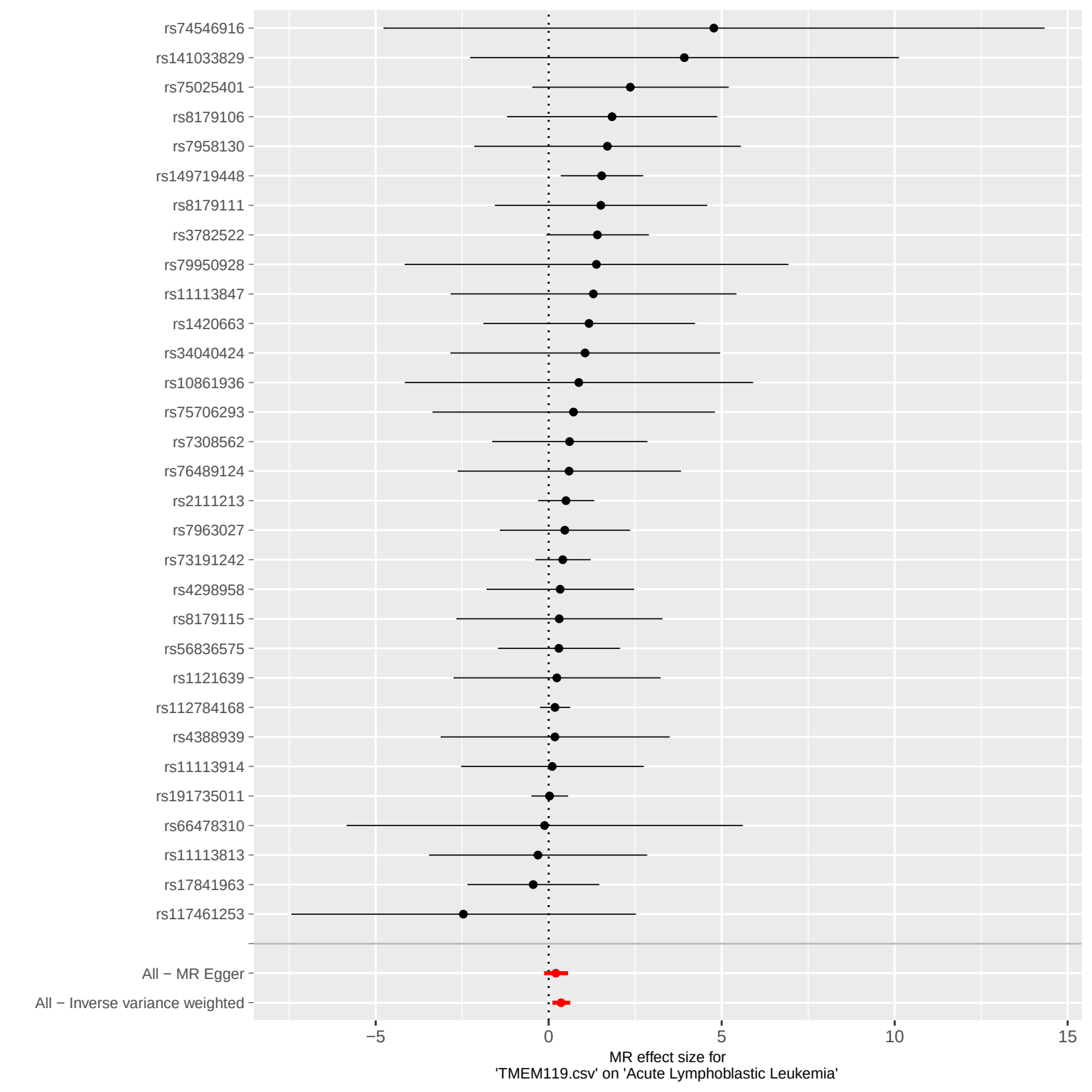
rs77347777
rs929533
rs6801235
rs75021298
rs11717081
rs4687616
rs147862605
rs1087083
rs511963
rs73084914
rs41291740
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TMEM110.csv' on 'Acute Lymphoblastic Leukemia'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rs2111213
rs7963027
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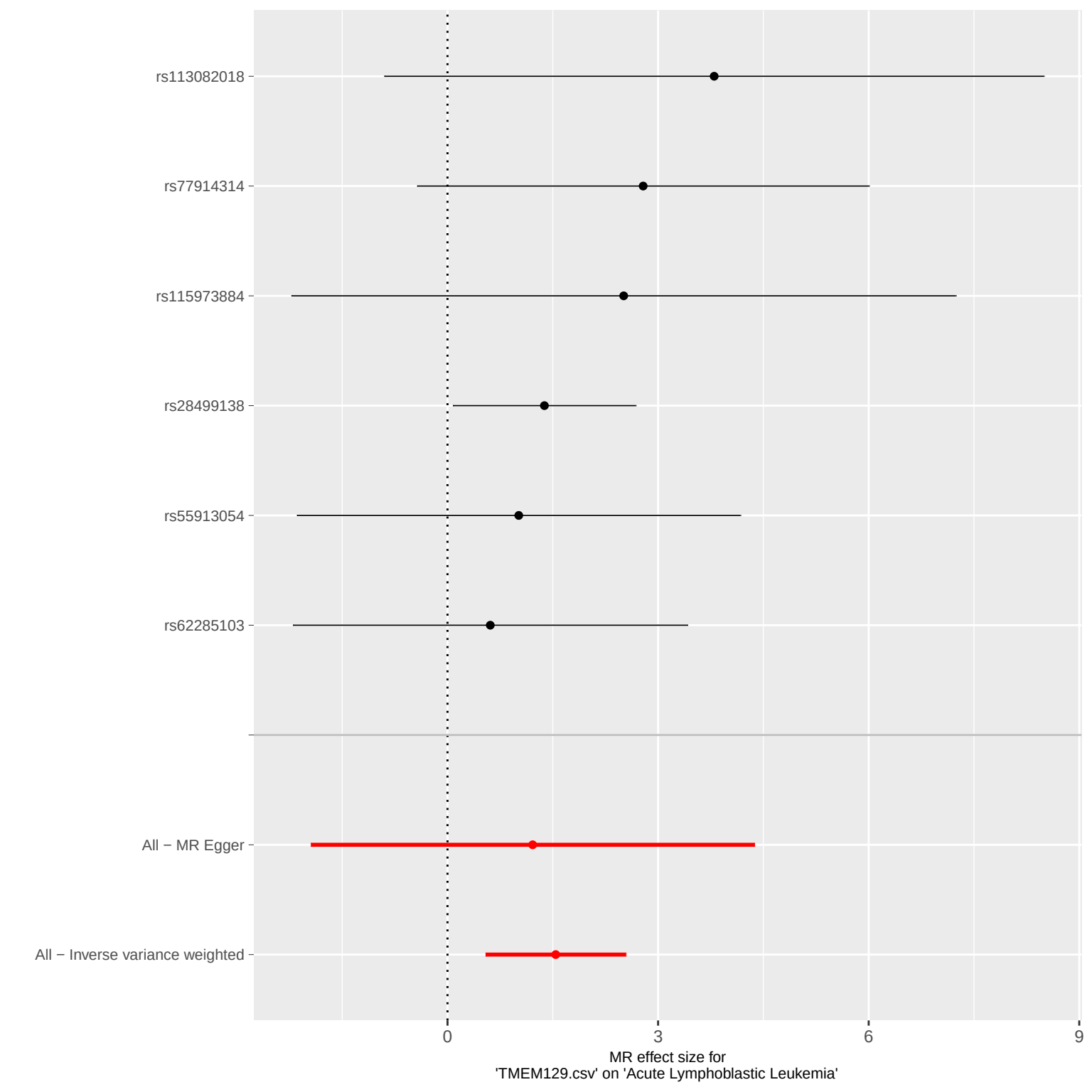
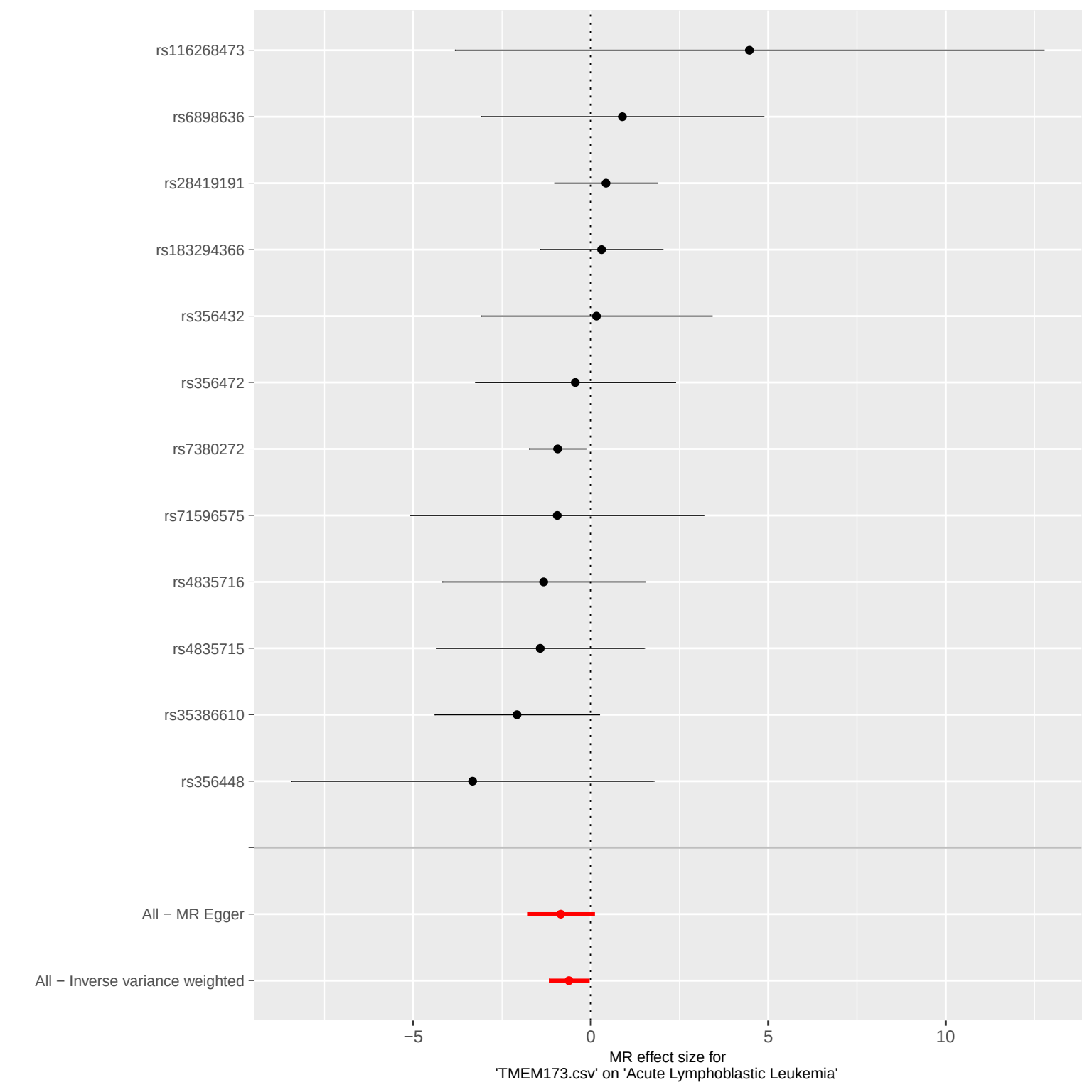
rs4298958
rs8179115
rs56836575
rs1121639
rs112784168
rs4388939
rs11113914
rs191735011
rs66478310
rs11113813
rs17841963
rs117461253
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'TMEM119.csv' on 'Acute Lymphoblastic Leukemia'


rs113082018
rs77914314
rs115973884
rs28499138
rs55913054
rs62285103
All − MR Egger
All − Inverse variance weighted
0
3
6
9
MR effect size for
'TMEM129.csv' on 'Acute Lymphoblastic Leukemia'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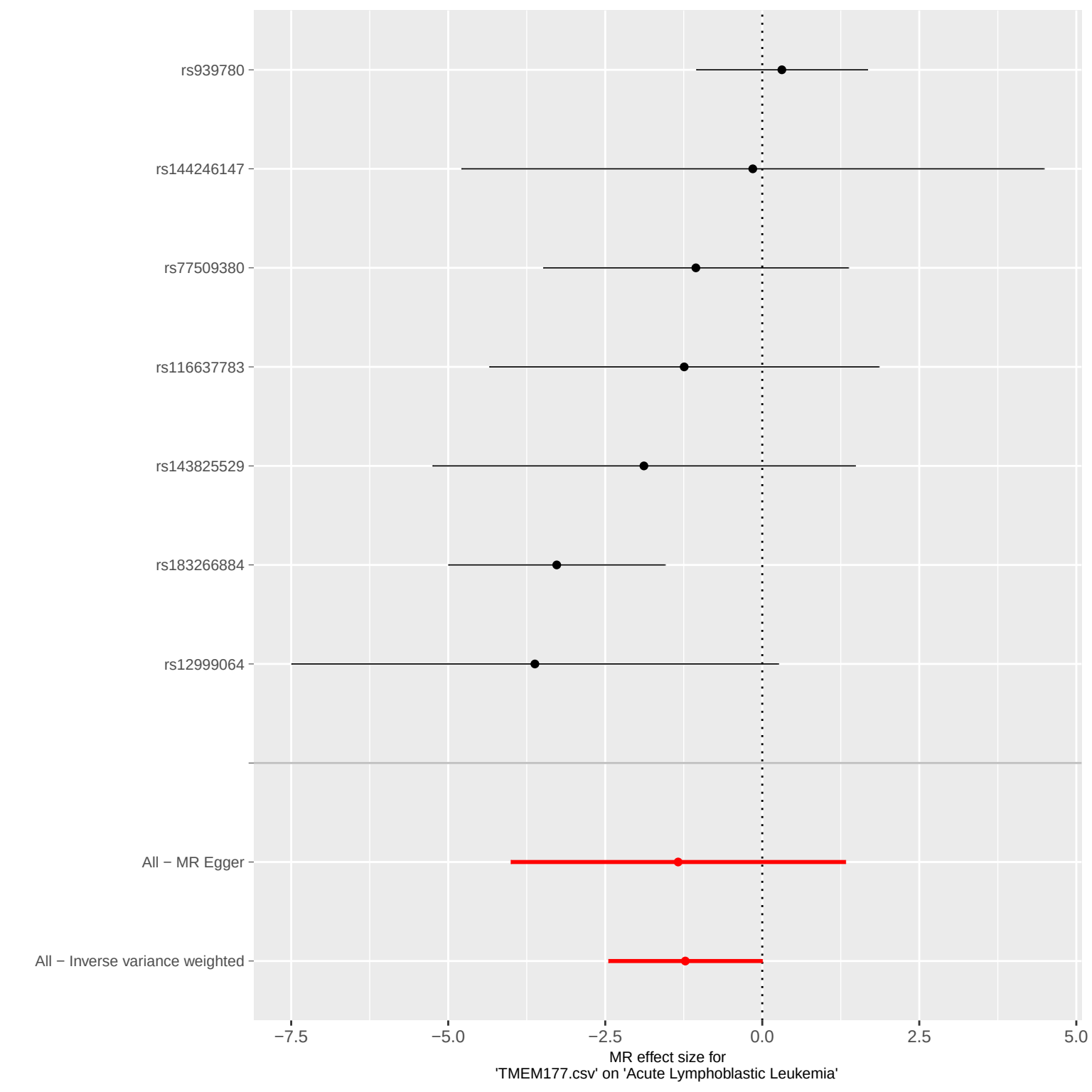
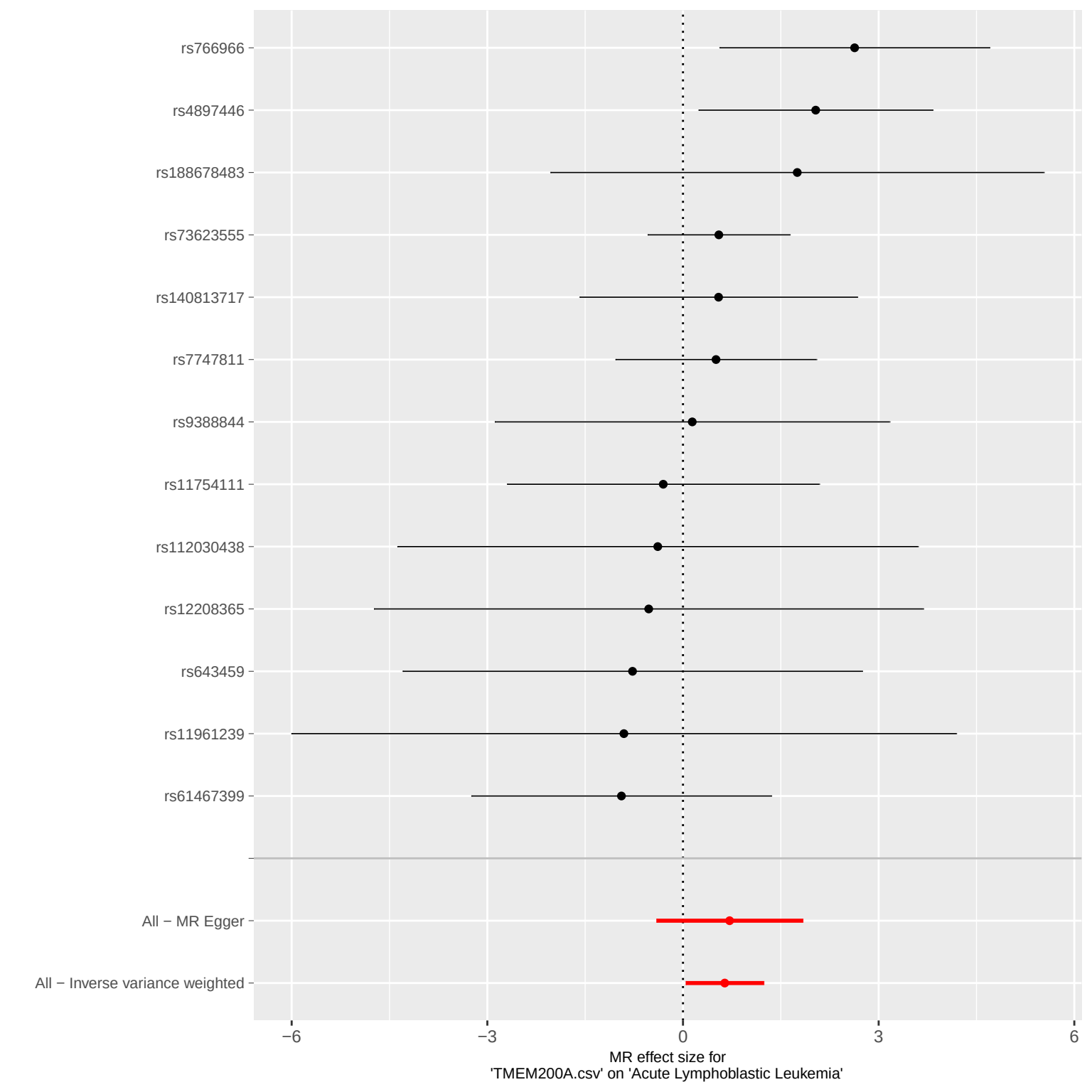
rs6898636
rs28419191
rs183294366
rs356432
rs356472
rs7380272
rs71596575
rs4835716
rs4835715
rs35386610
rs356448
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TMEM173.csv' on 'Acute Lymphoblastic Leukemia'


rs939780
rs144246147
rs77509380
rs116637783
rs143825529
rs183266884
rs12999064
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TMEM177.csv' on 'Acute Lymphoblastic Leukemia'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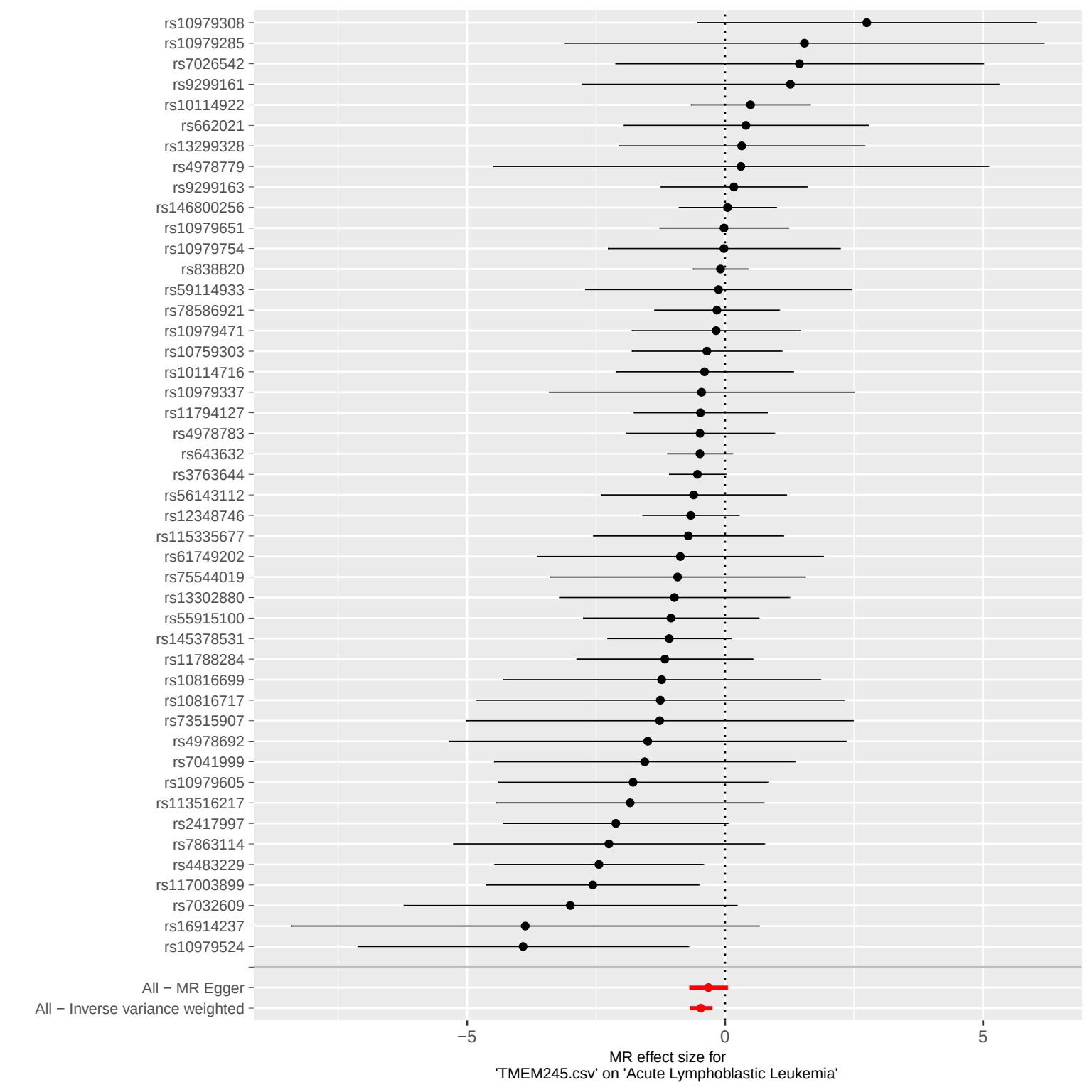
rs140813717
rs7747811
rs9388844
rs11754111
rs112030438
rs12208365
rs643459
rs11961239
rs61467399
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TMEM200A.csv' on 'Acute Lymphoblastic Leukemia'


rs10979308
rs10979285
rs7026542
rs9299161
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All − MR Egger
All − Inverse variance weighted
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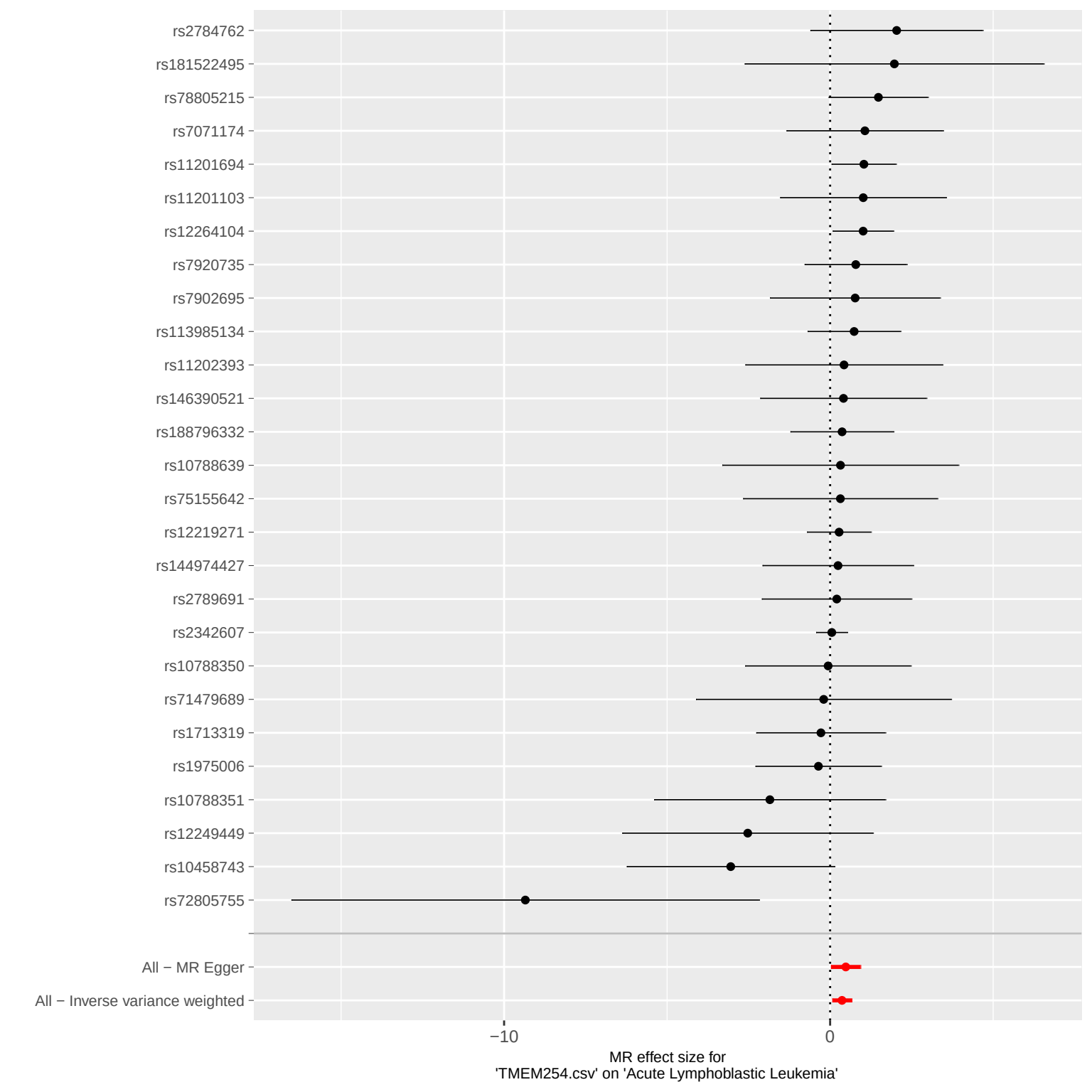
MR effect size for
'TMEM245.csv' on 'Acute Lymphoblastic Leukemia'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rs10788639
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rs2789691
rs2342607
rs10788350
rs71479689
rs1713319
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All − MR Egger
All − Inverse variance weighted
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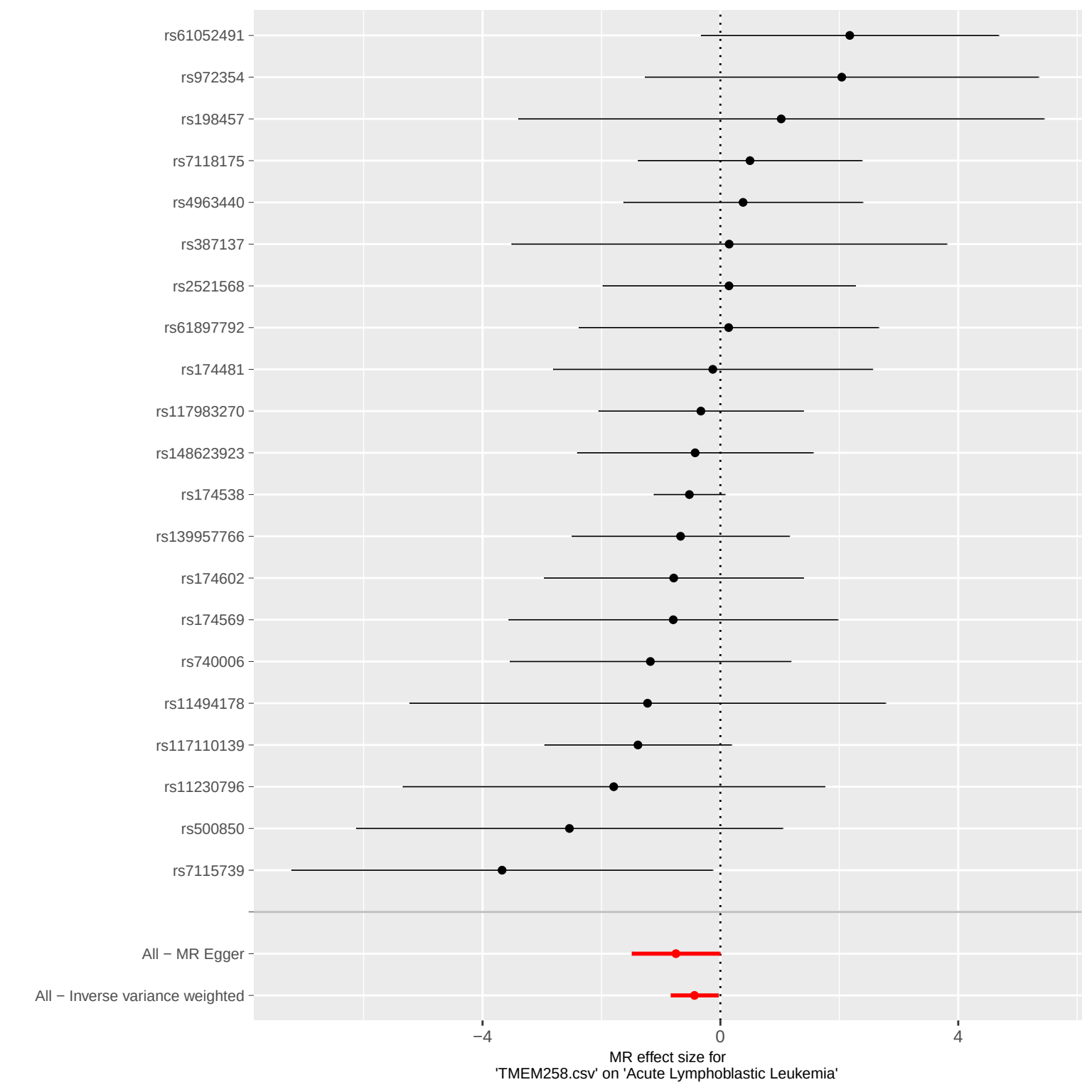
MR effect size for
'TMEM254.csv' on 'Acute Lymphoblastic Leukemia'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rs387137
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rs148623923
rs174538
rs139957766
rs174602
rs174569
rs740006
rs11494178
rs117110139
rs11230796
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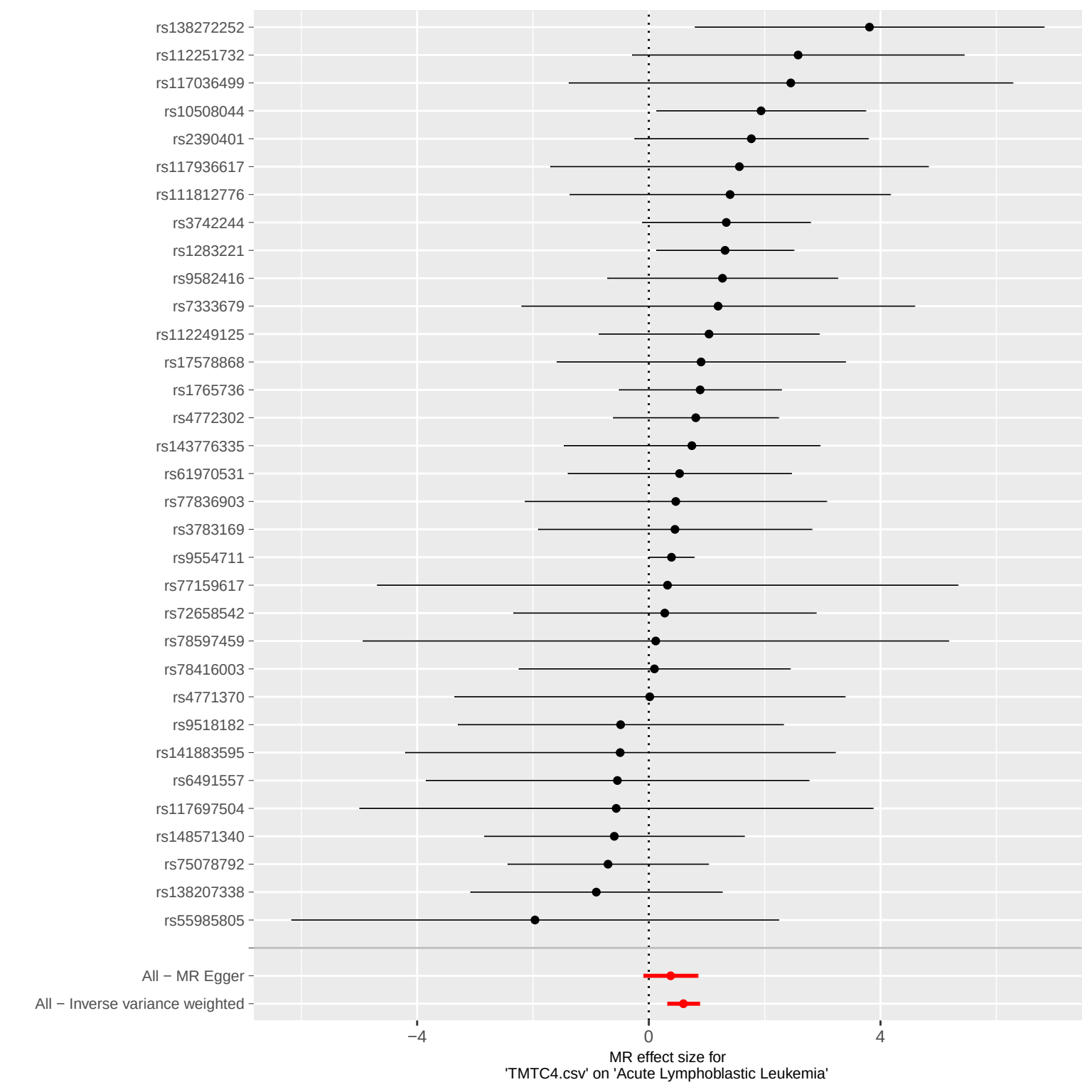
rs7115739
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TMEM258.csv' on 'Acute Lymphoblastic Leukemia'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rs78597459
rs78416003
rs4771370
rs9518182
rs141883595
rs6491557
rs117697504
rs148571340
rs75078792
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All − MR Egger
All − Inverse variance weighted
−4
0
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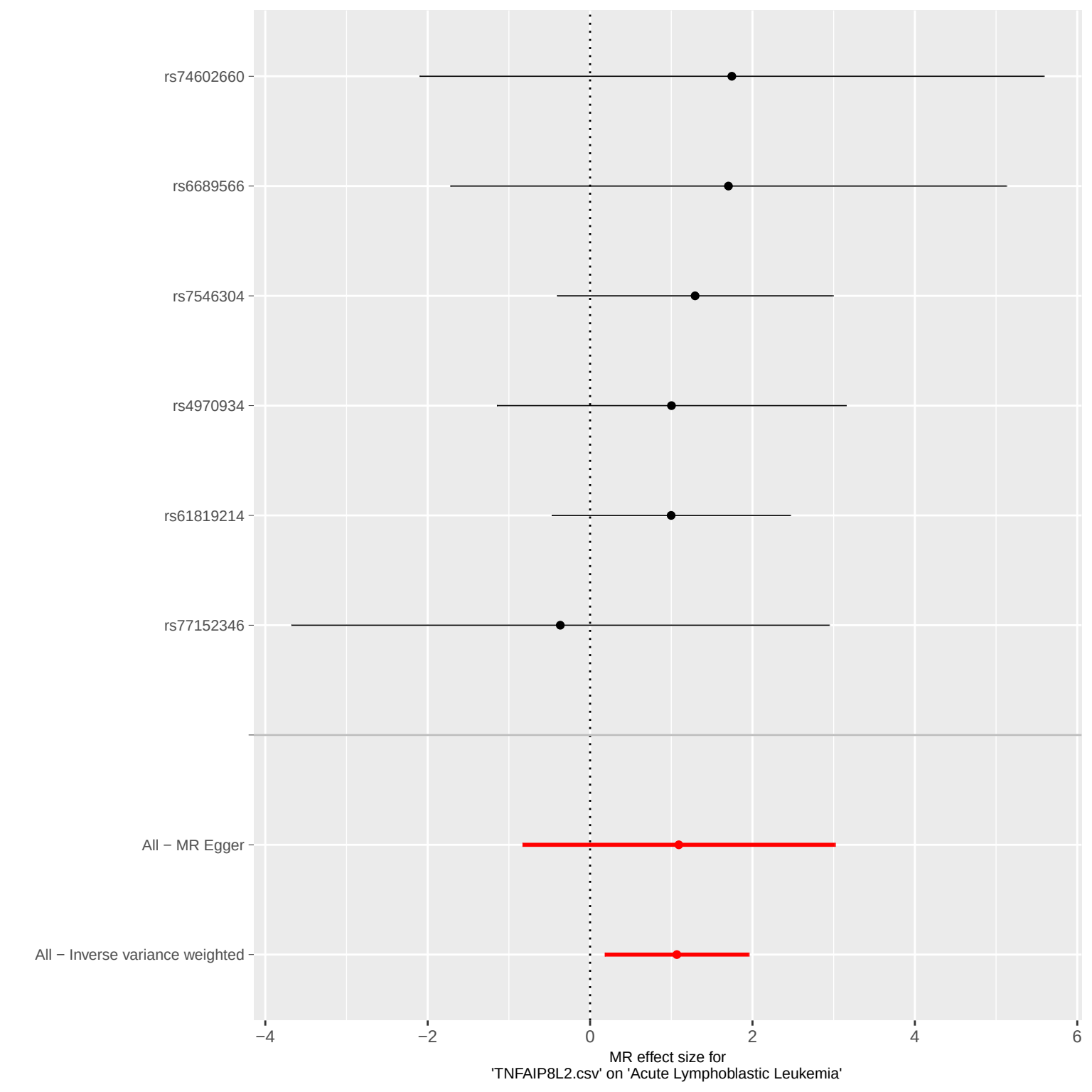
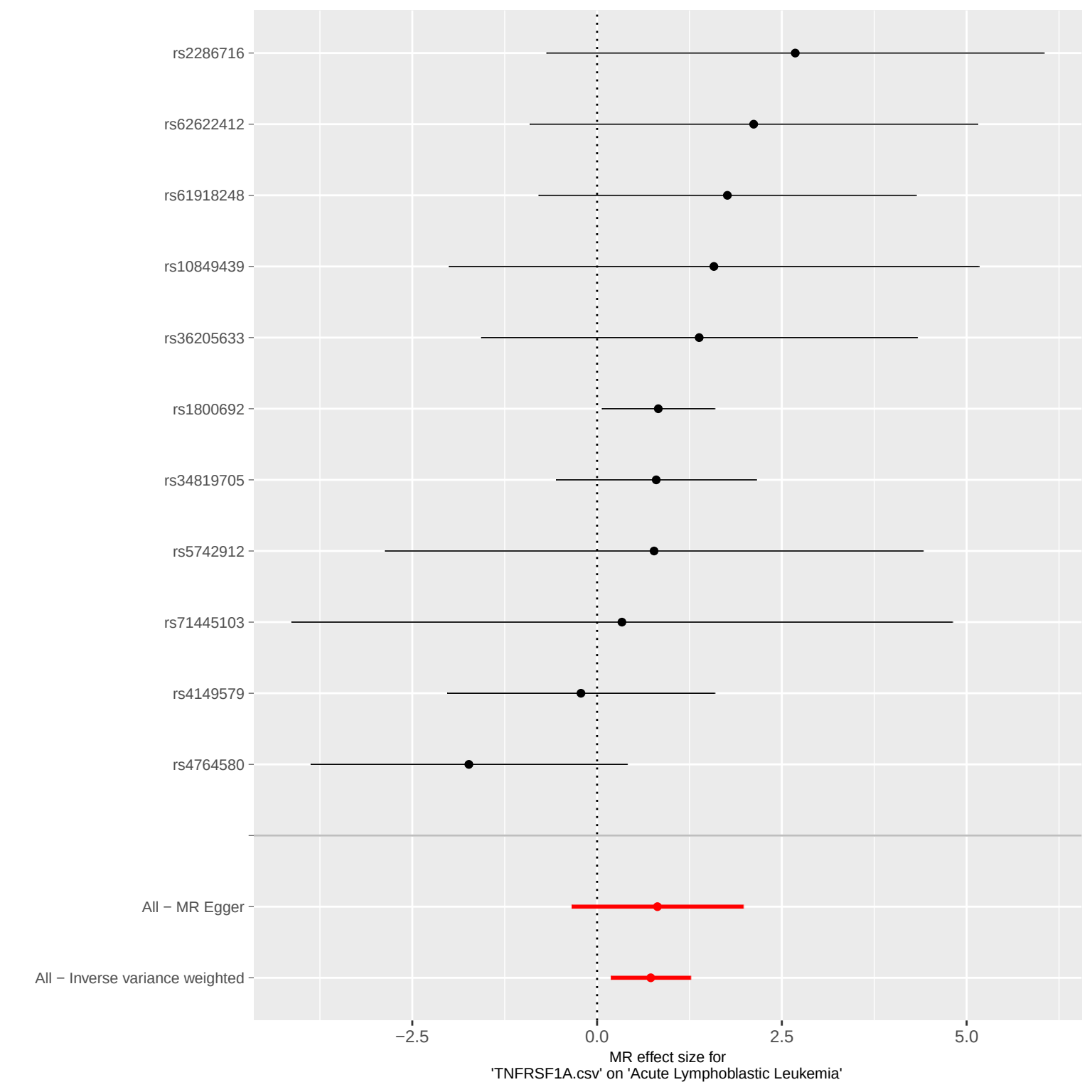
MR effect size for
'TMTC4.csv' on 'Acute Lymphoblastic Leukemia'


rs74602660
rs6689566
rs7546304
rs4970934
rs61819214
rs77152346
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'TNFAIP8L2.csv' on 'Acute Lymphoblastic Leukemia'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rs34819705
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rs4764580
All − MR Egger
All − Inverse variance weighted
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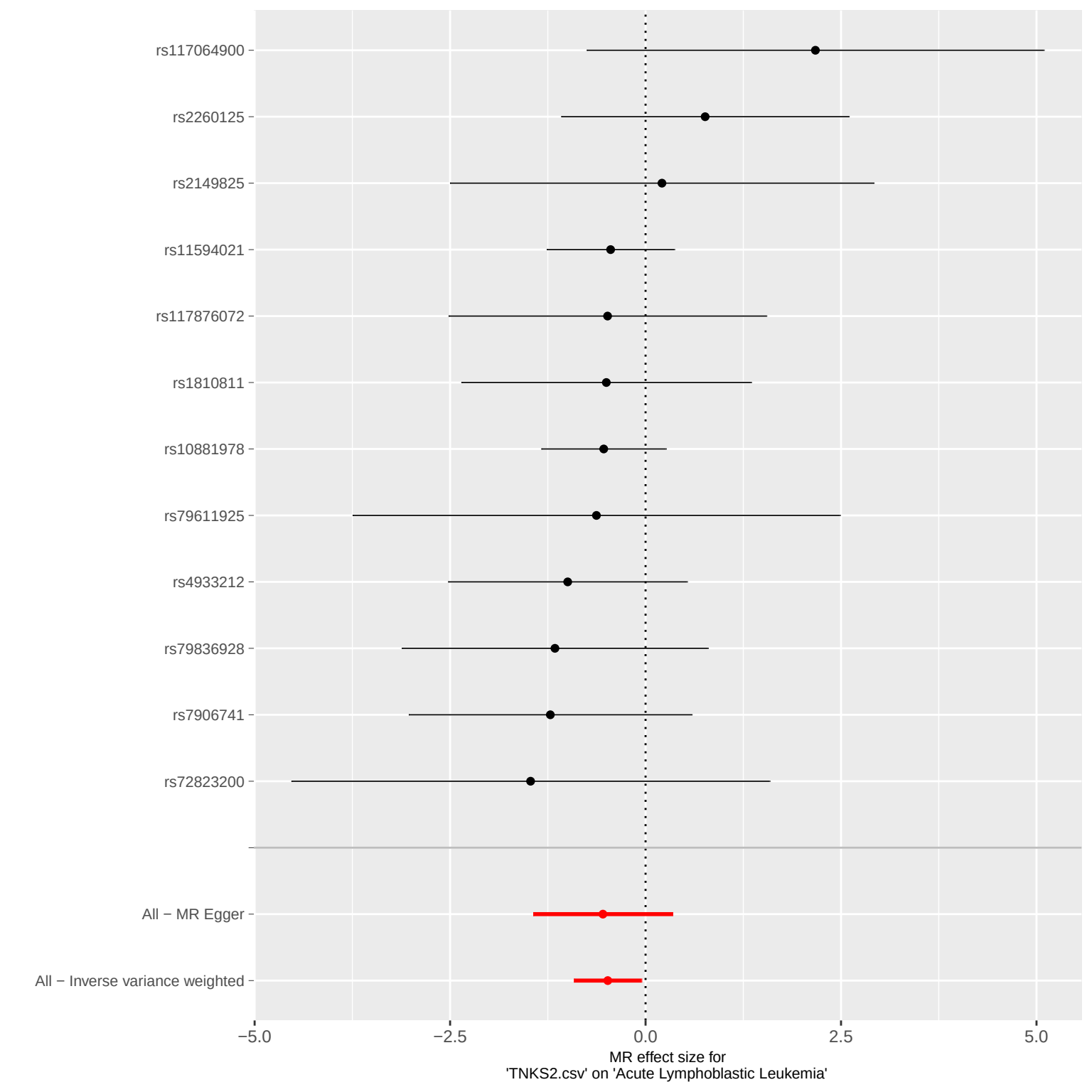
0.0
2.5
5.0
MR effect size for
'TNFRSF1A.csv' on 'Acute Lymphoblastic Leukemia'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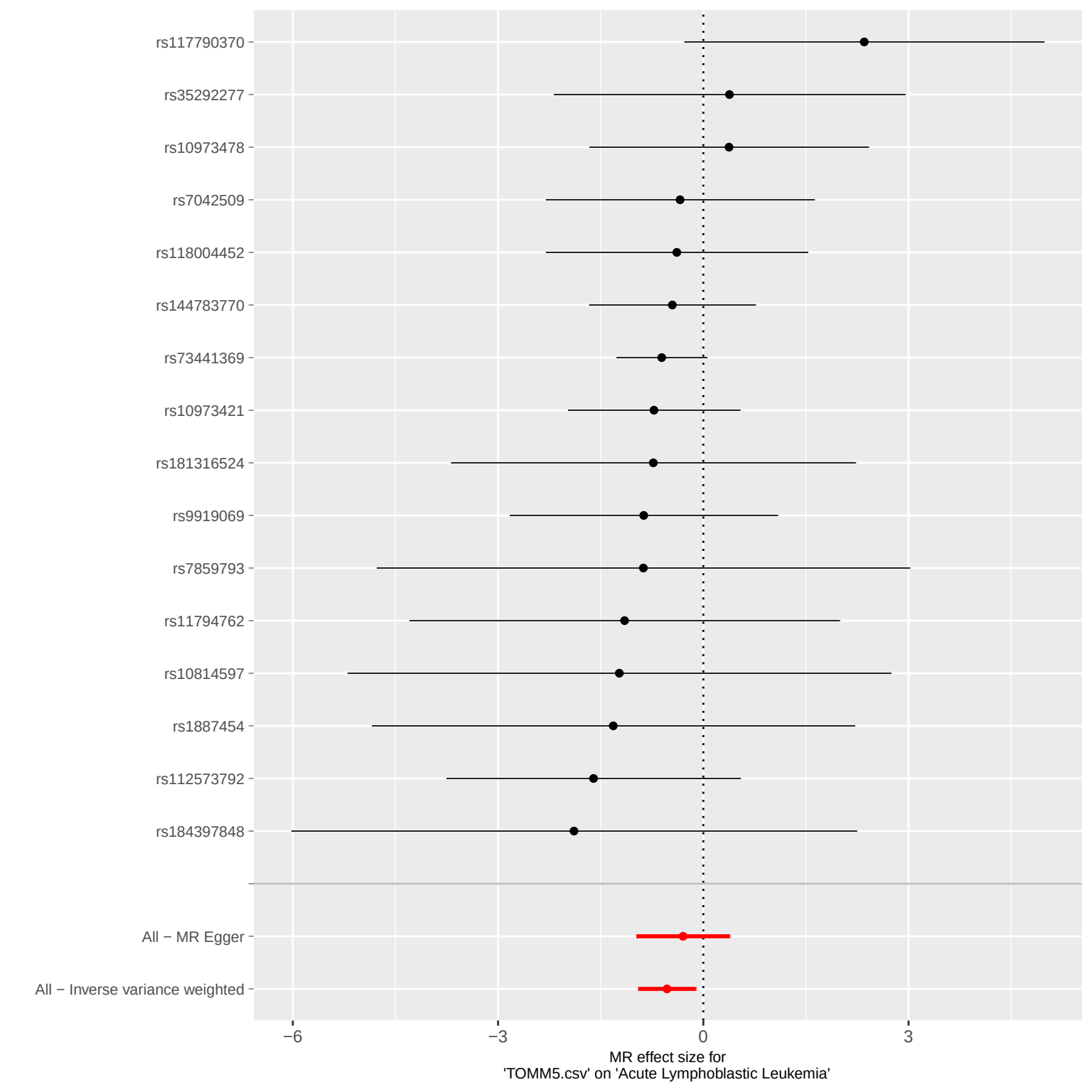
rs79836928
rs7906741
rs72823200
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TNKS2.csv' on 'Acute Lymphoblastic Leukemia'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rs7859793
rs11794762
rs10814597
rs1887454
rs112573792
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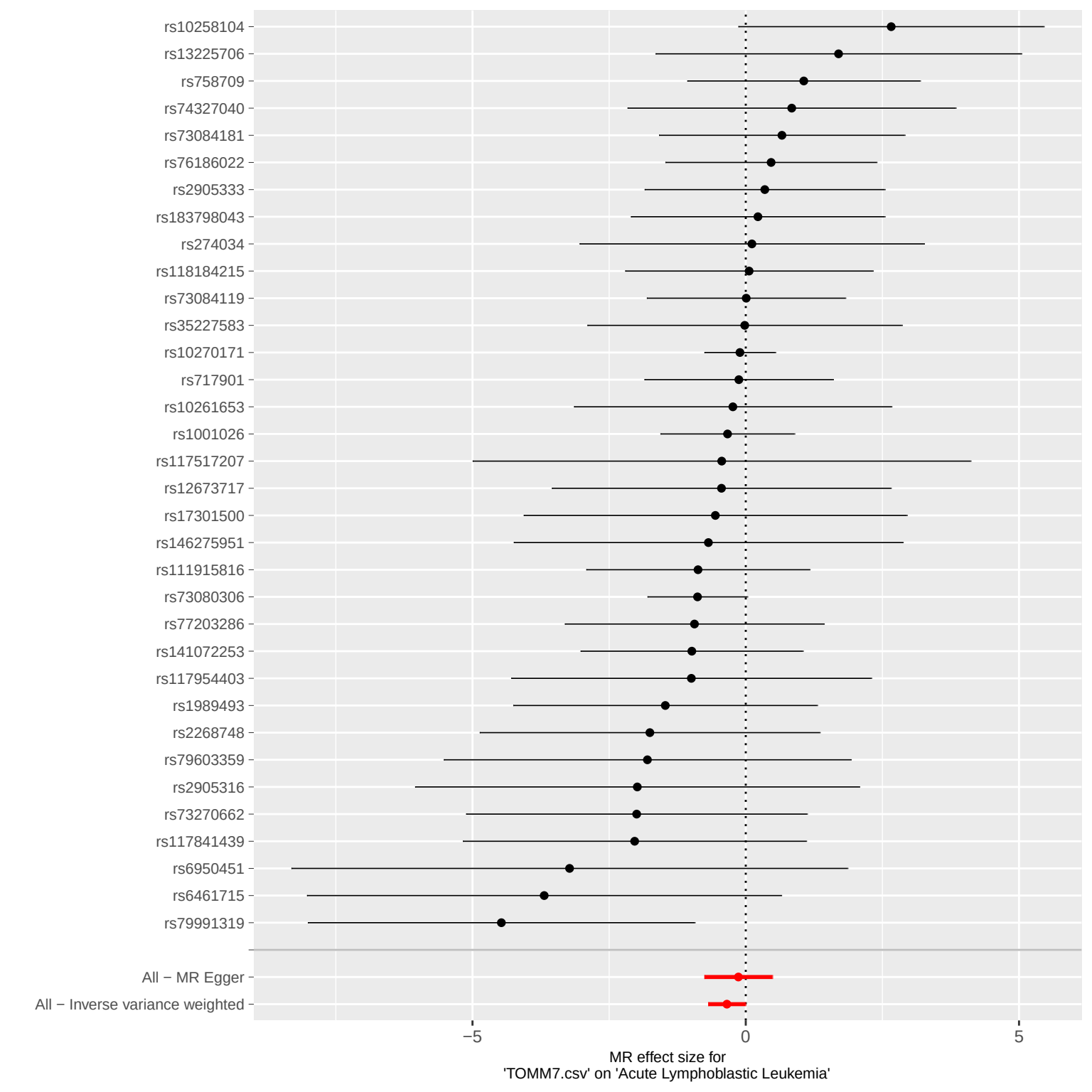
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'TOMM5.csv' on 'Acute Lymphoblastic Leukemia'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rs717901
rs10261653
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rs117517207
rs12673717
rs17301500
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rs111915816
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rs117954403
rs1989493
rs2268748
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rs73270662
rs117841439
rs6950451
rs6461715
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All − MR Egger
All − Inverse variance weighted
−5
0
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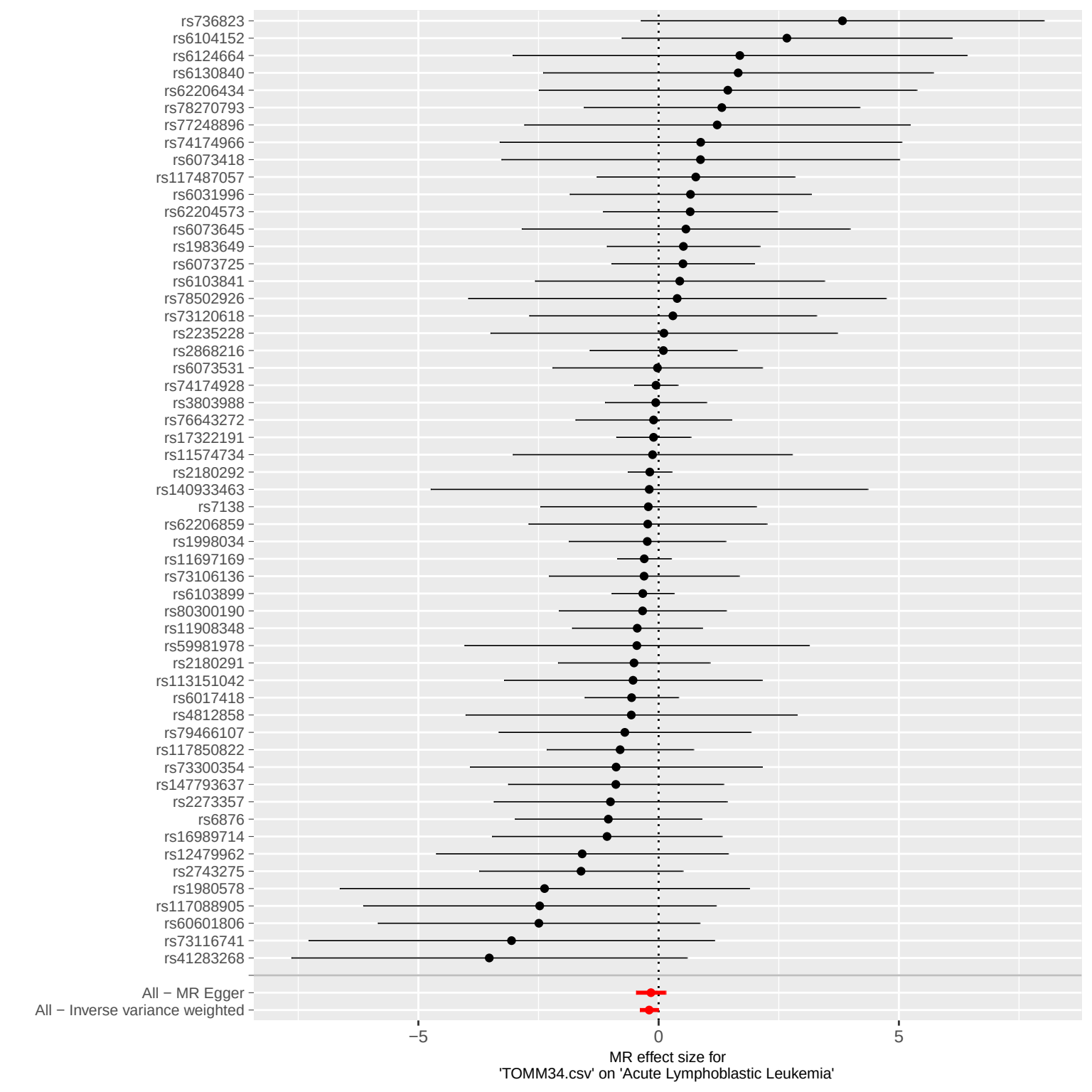
MR effect size for
'TOMM7.csv' on 'Acute Lymphoblastic Leukemia'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rs60601806
rs73116741
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All − MR Egger
All − Inverse variance weighted
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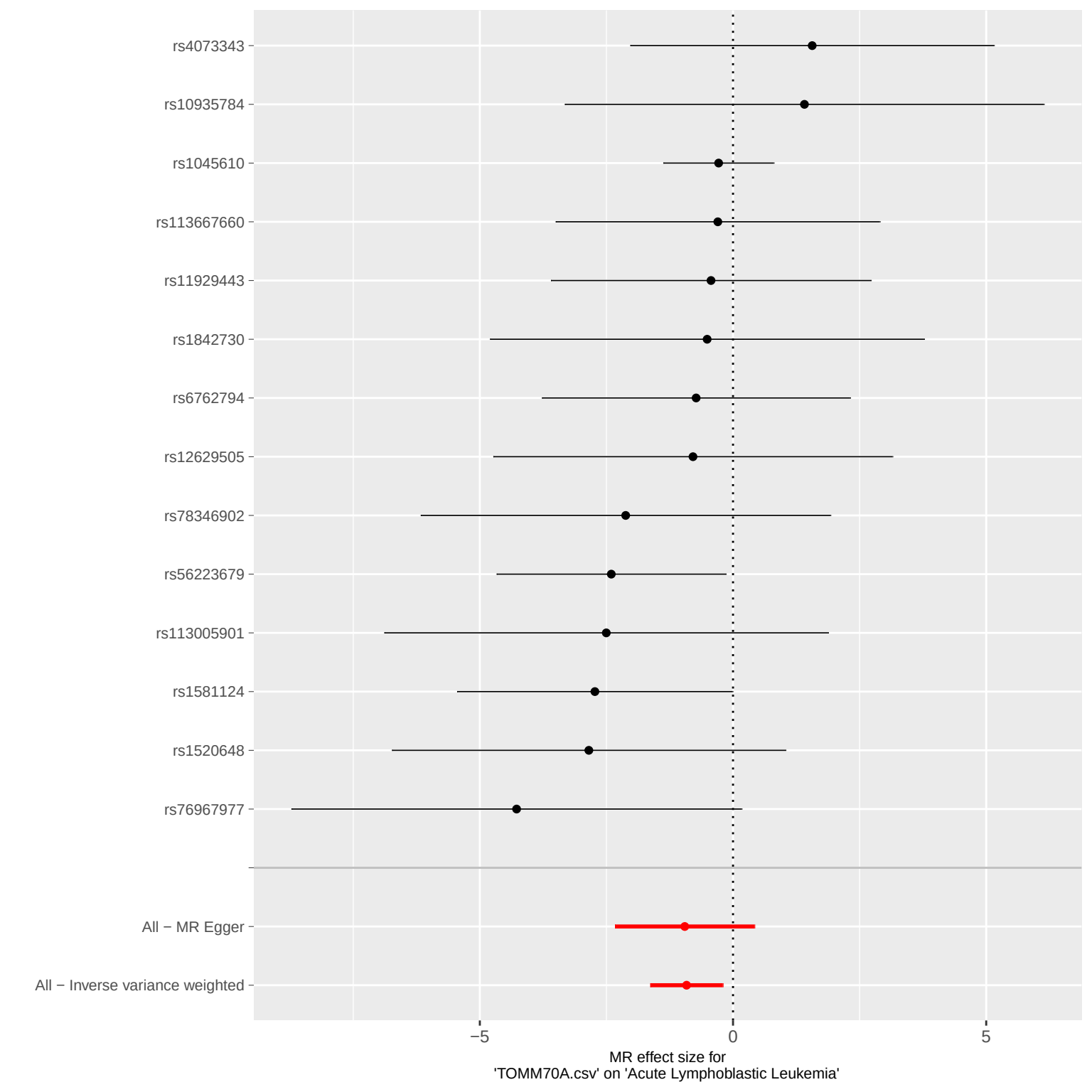
MR effect size for
'TOMM34.csv' on 'Acute Lymphoblastic Leukemia'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rs113667660
rs11929443
rs1842730
rs6762794
rs12629505
rs78346902
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rs113005901
rs1581124
rs1520648
rs76967977
All − MR Egger
All − Inverse variance weighted
−5
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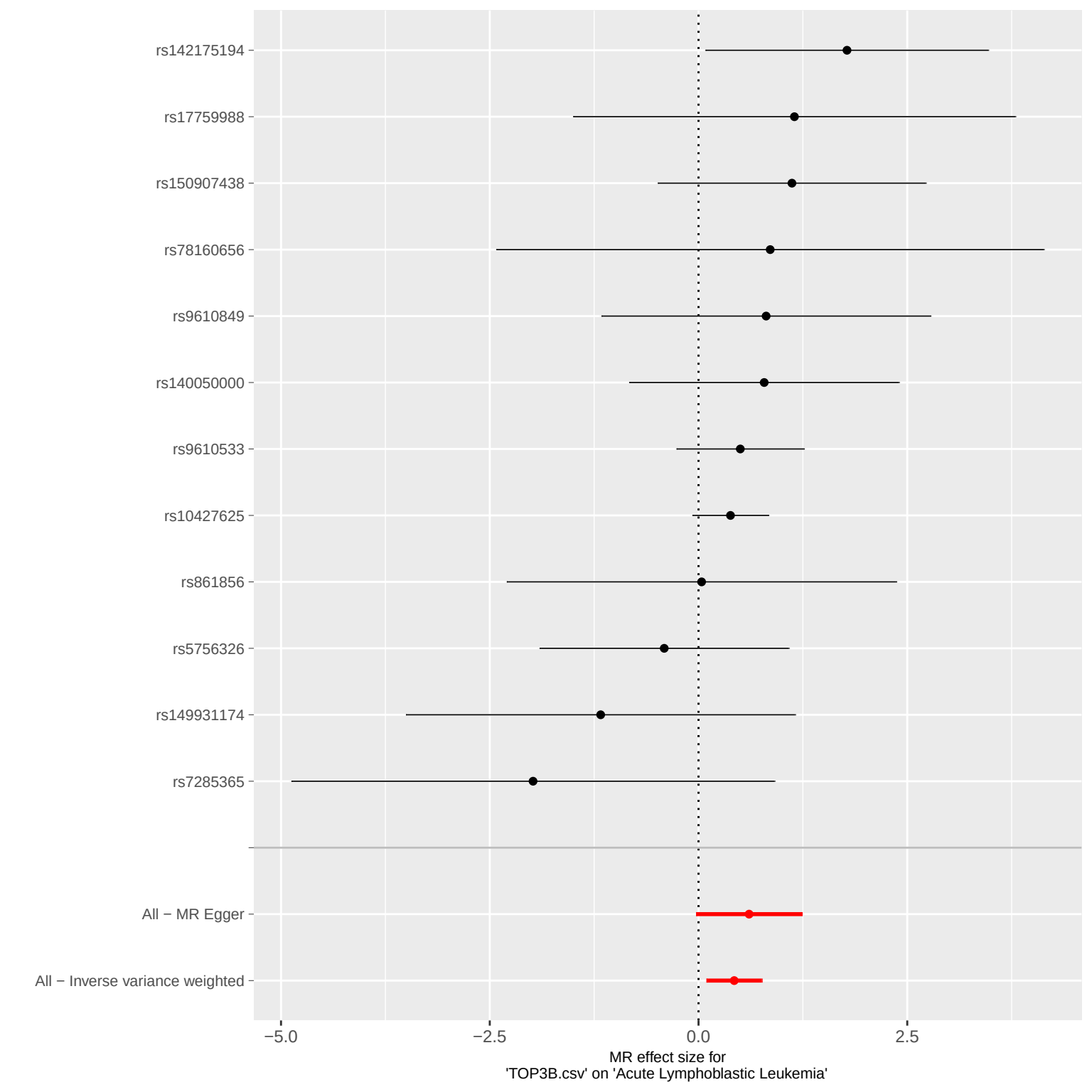
MR effect size for
'TOMM70A.csv' on 'Acute Lymphoblastic Leukemia'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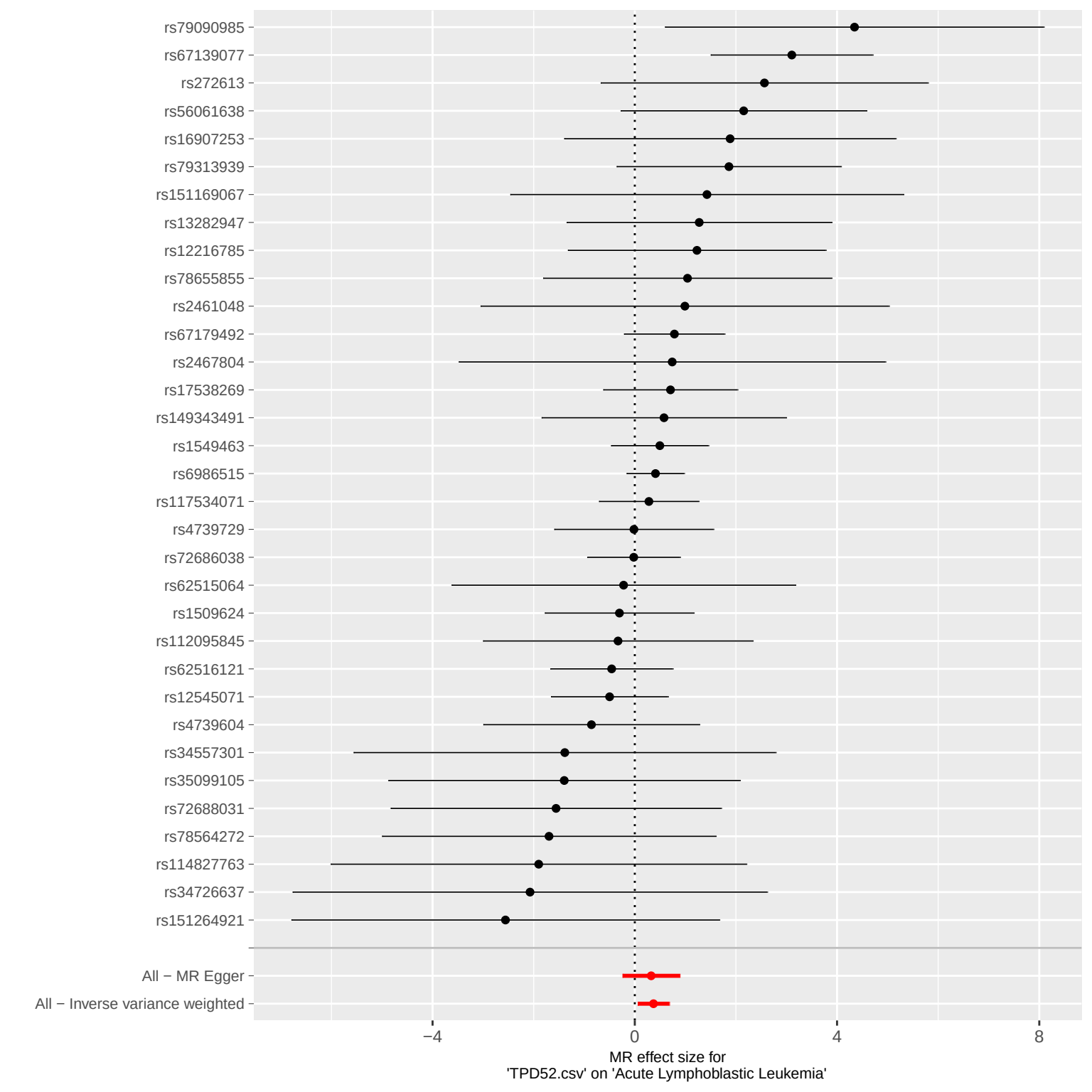
rs5756326
rs149931174
rs7285365
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TOP3B.csv' on 'Acute Lymphoblastic Leukemia'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rs62516121
rs12545071
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rs35099105
rs72688031
rs78564272
rs114827763
rs34726637
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All − MR Egger
All − Inverse variance weighted
−4
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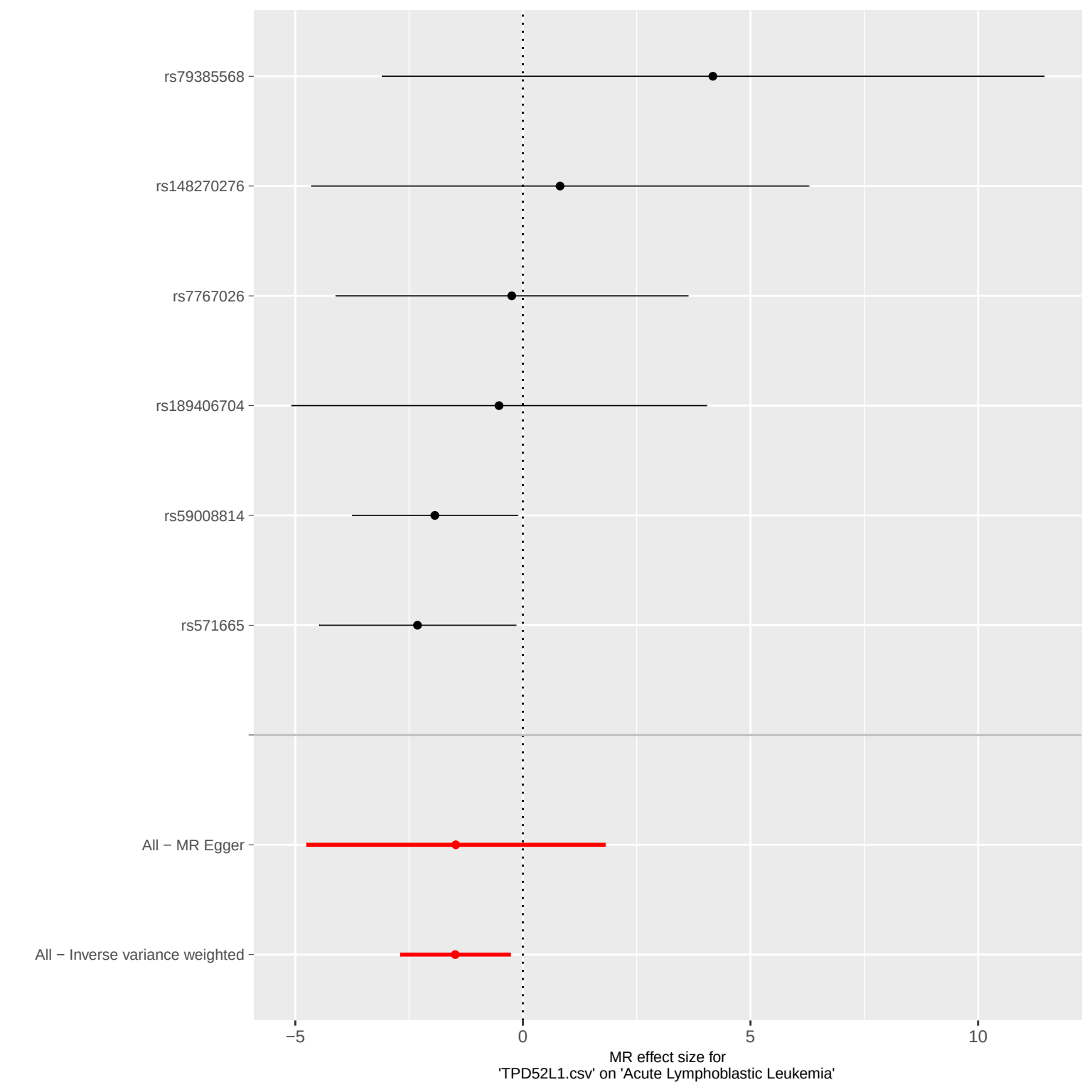
MR effect size for
'TPD52.csv' on 'Acute Lymphoblastic Leukemia'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rs59008814
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All − MR Egger
All − Inverse variance weighted
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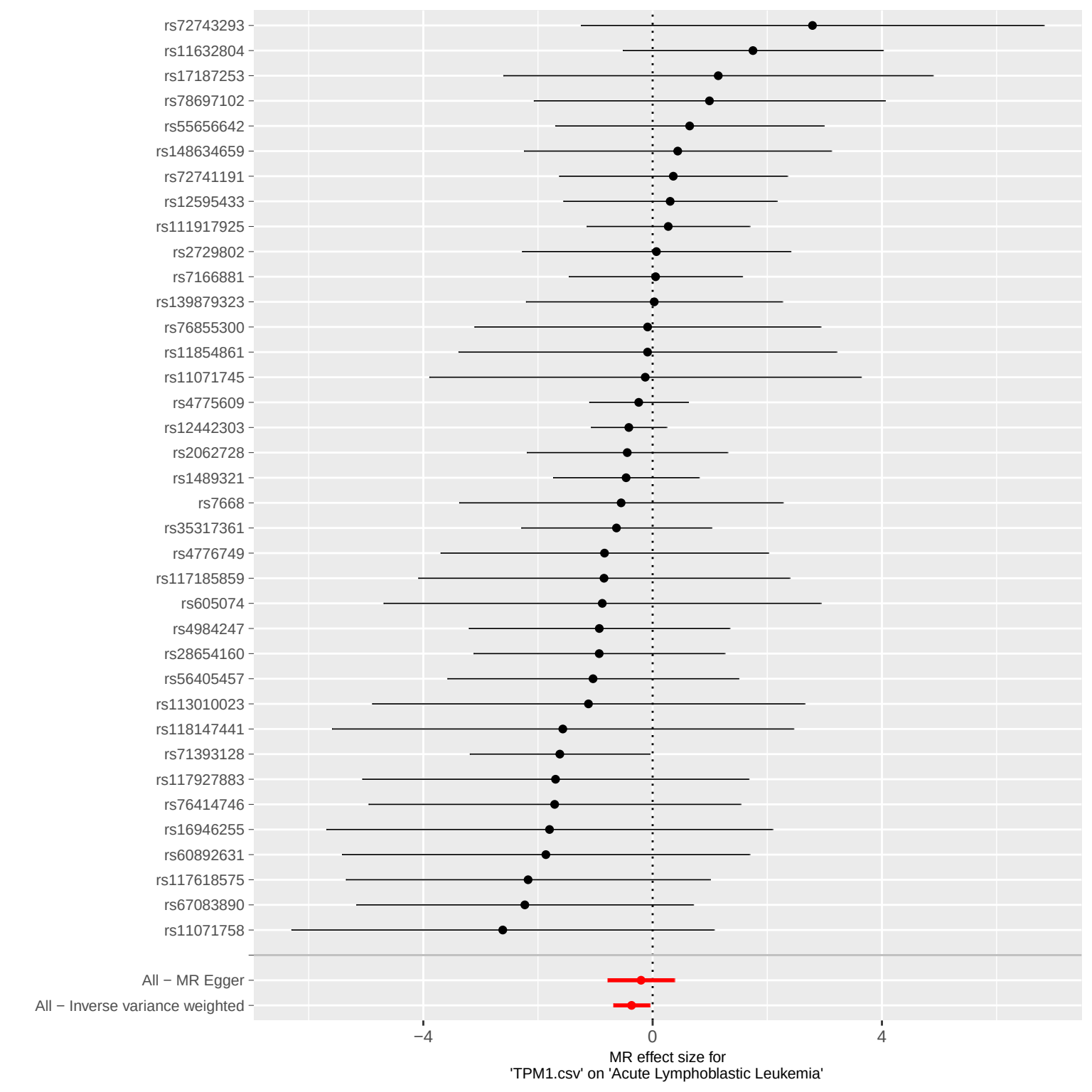
MR effect size for
'TPD52L1.csv' on 'Acute Lymphoblastic Leukemia'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rs72741191
rs12595433
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rs139879323
rs76855300
rs11854861
rs11071745
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rs117927883
rs76414746
rs16946255
rs60892631
rs117618575
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All − MR Egger
All − Inverse variance weighted
−4
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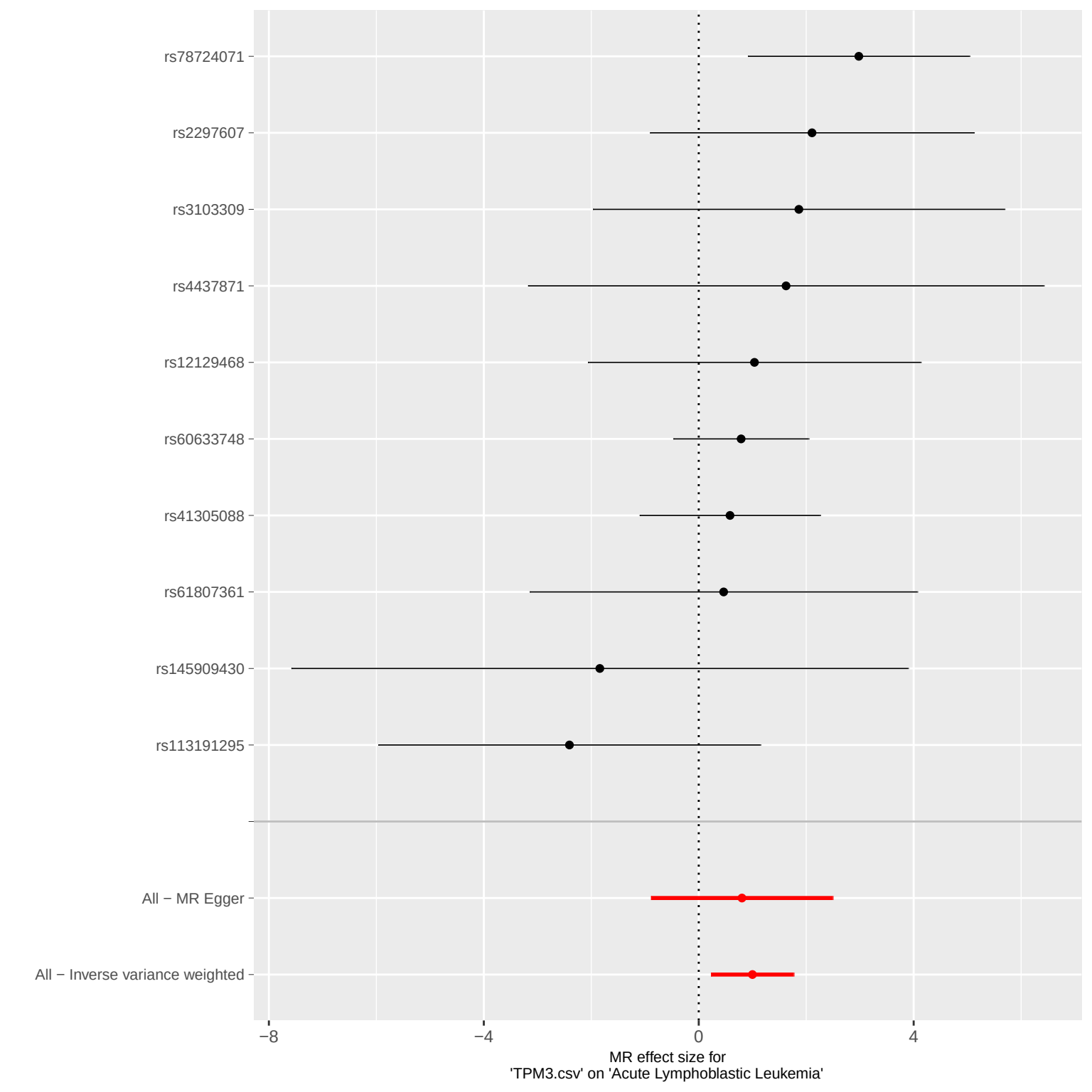
4
MR effect size for
'TPM1.csv' on 'Acute Lymphoblastic Leukemia'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rs41305088
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rs145909430
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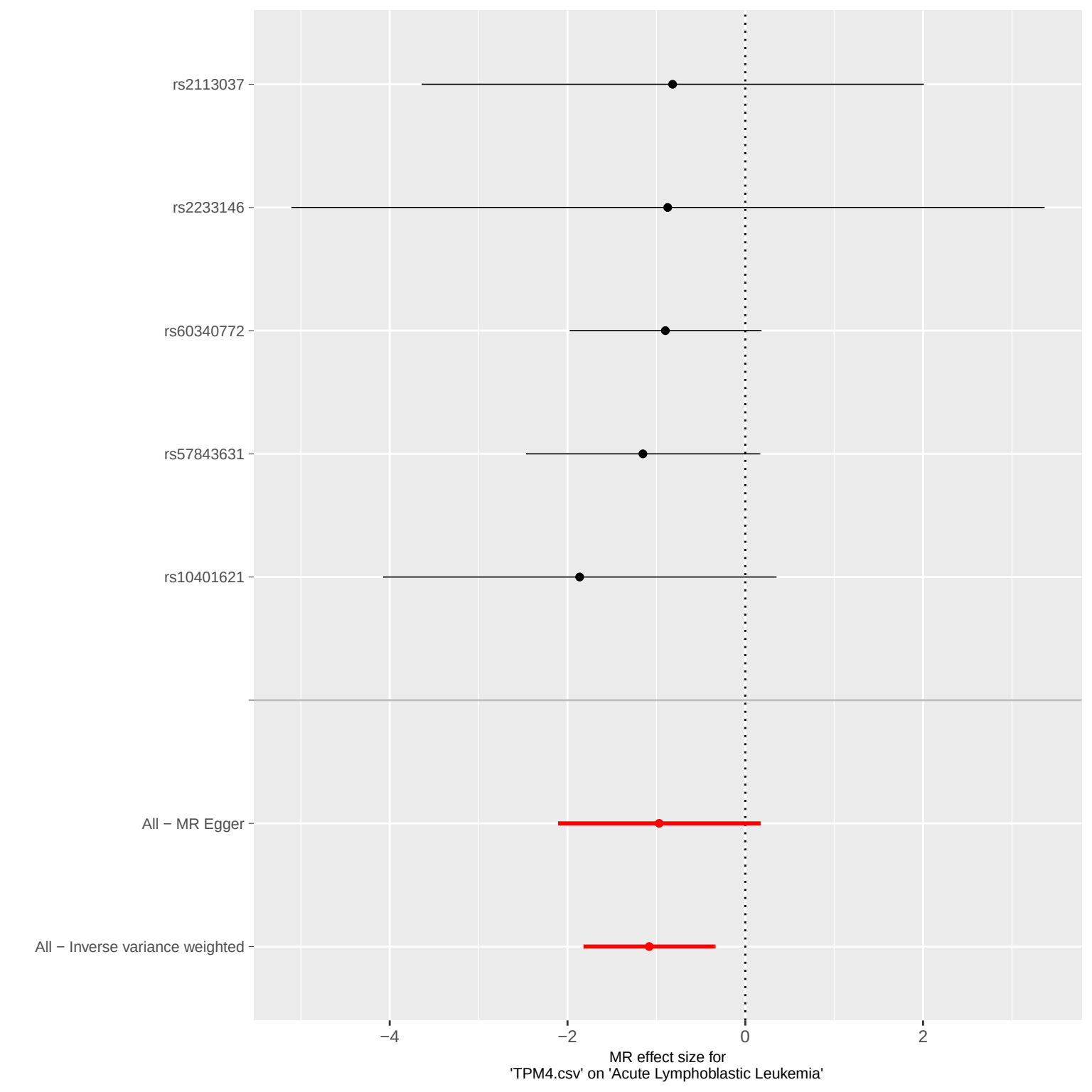
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'TPM3.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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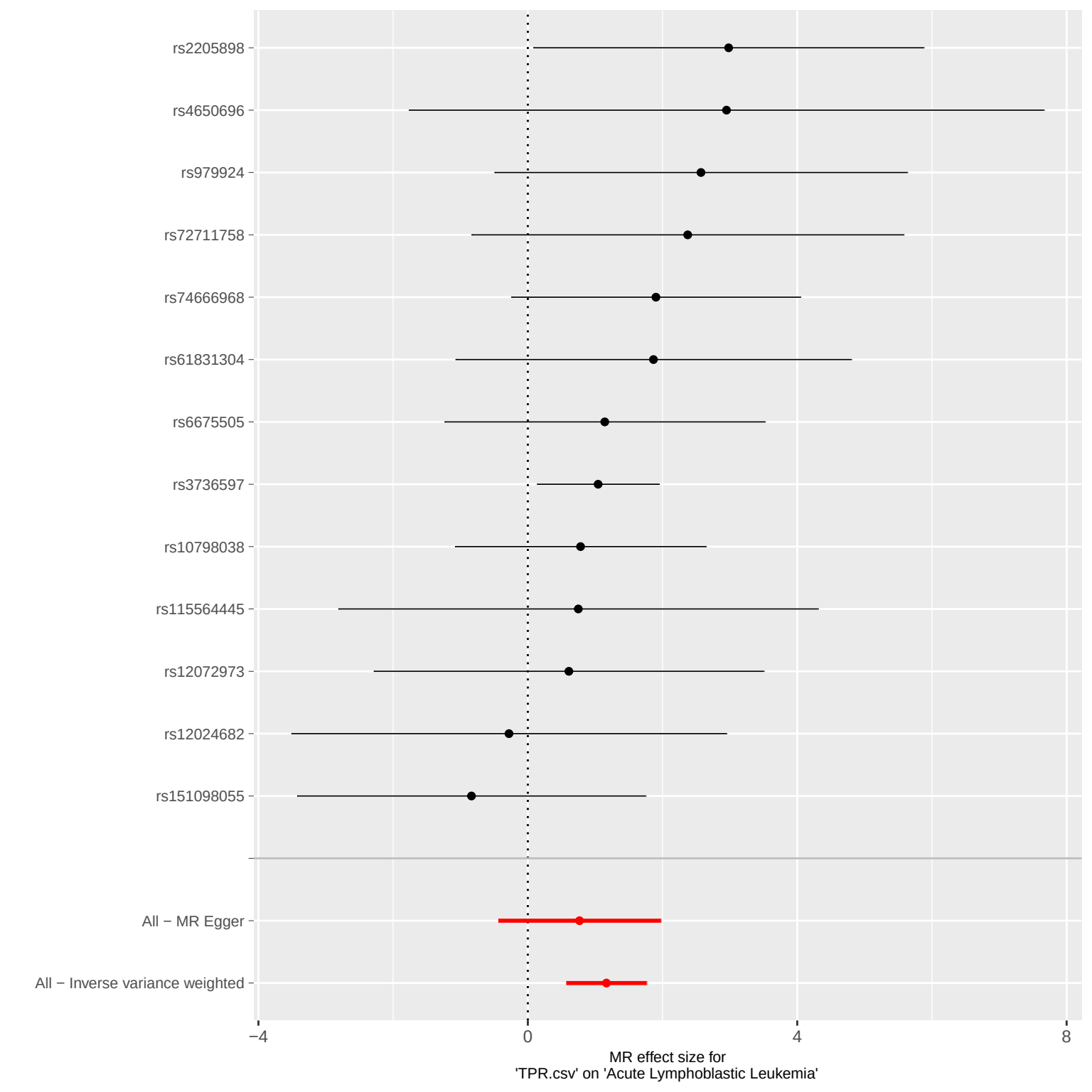
MR effect size for
'TPM4.csv' on 'Acute Lymphoblastic Leukemia'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rs12072973
rs12024682
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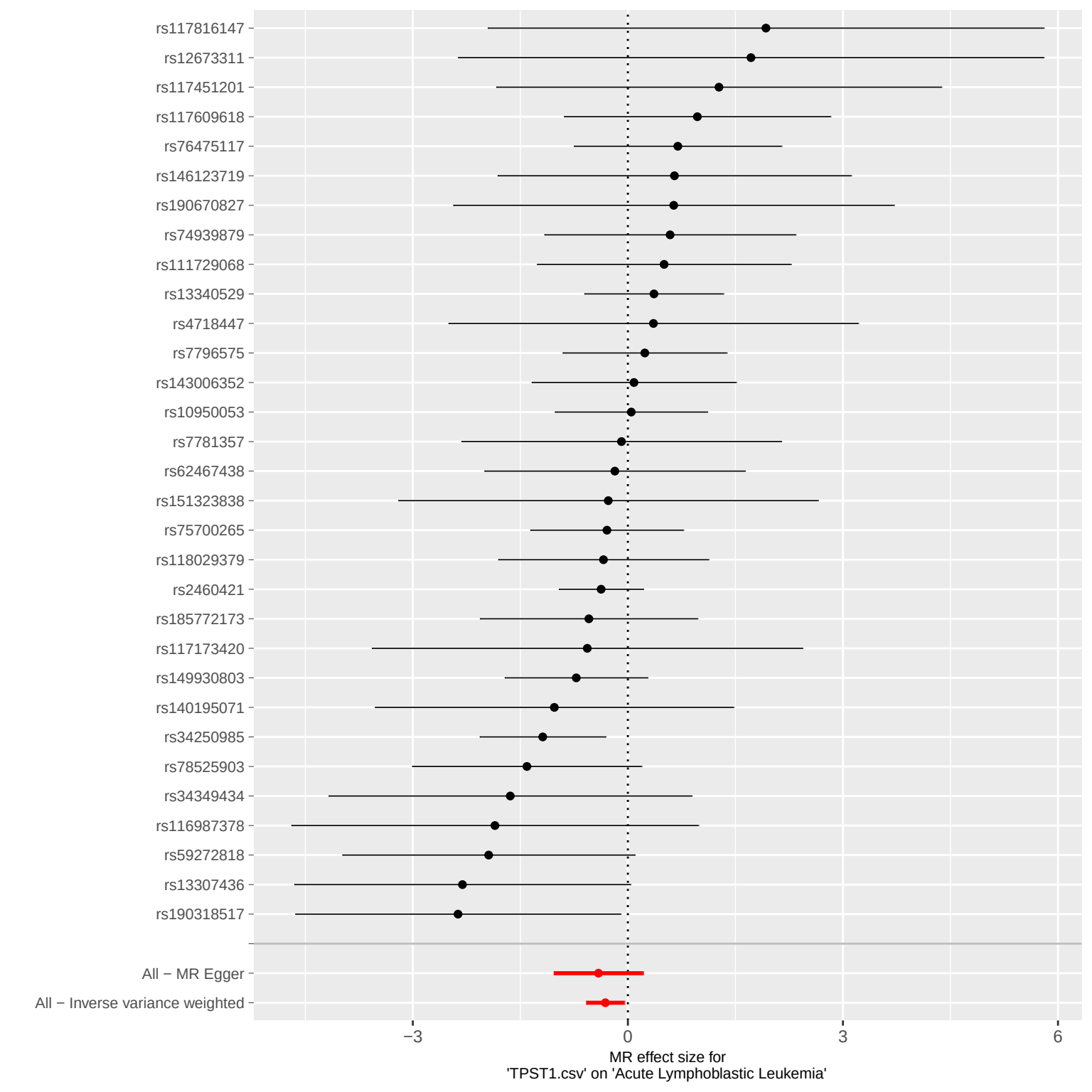
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'TPR.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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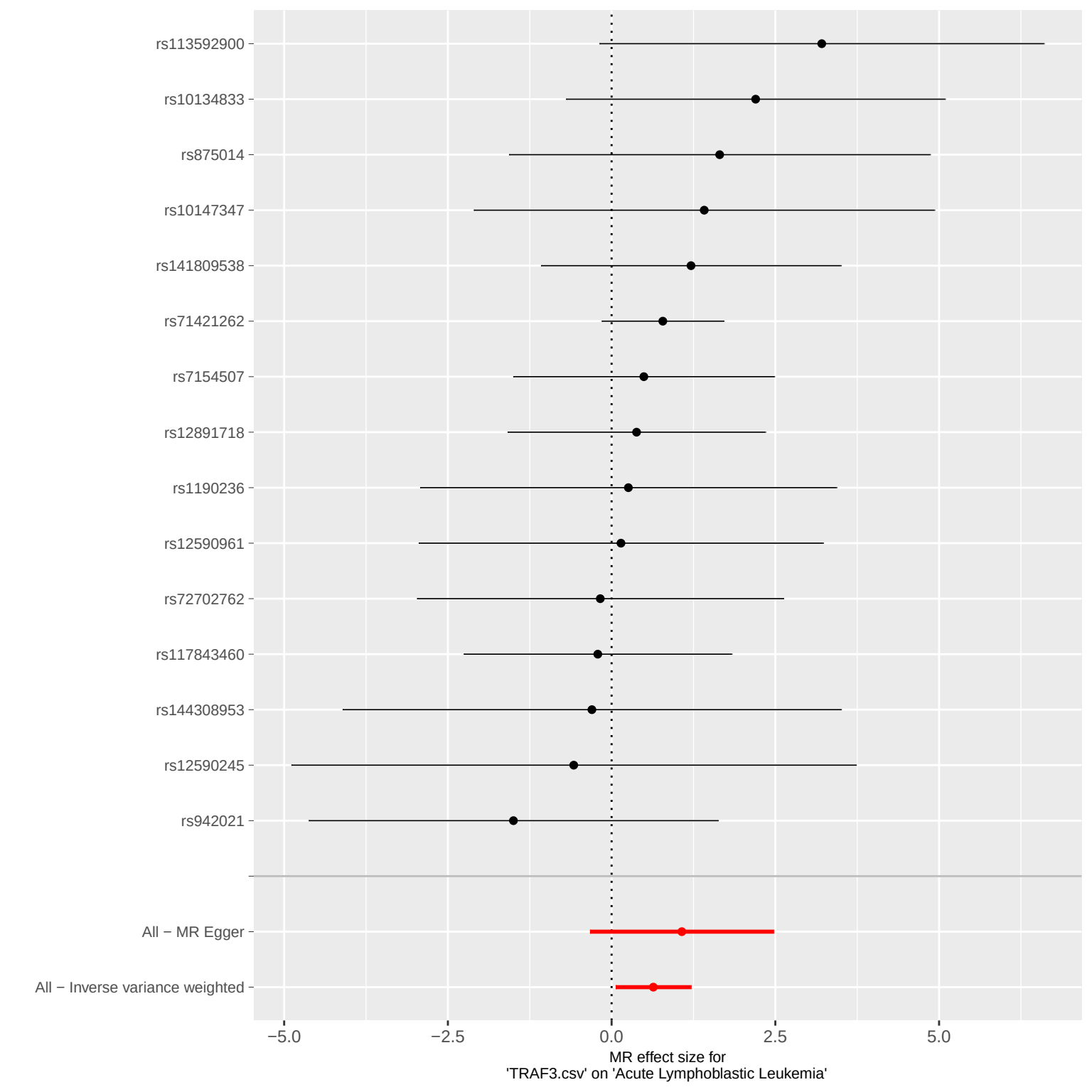
MR effect size for
'TPST1.csv' on 'Acute Lymphoblastic Leukemia'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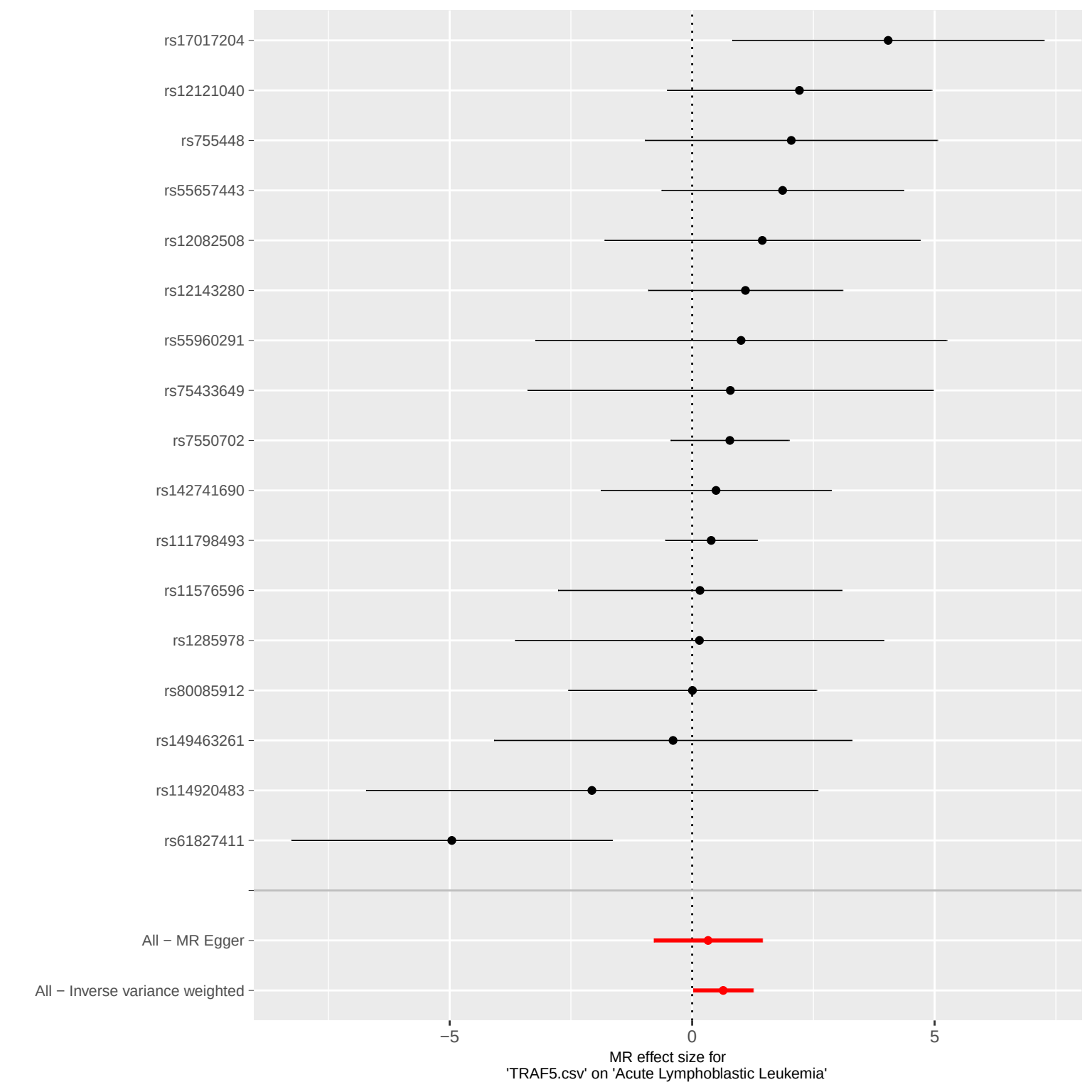
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TRAF3.csv' on 'Acute Lymphoblastic Leukemia'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rs11576596
rs1285978
rs80085912
rs149463261
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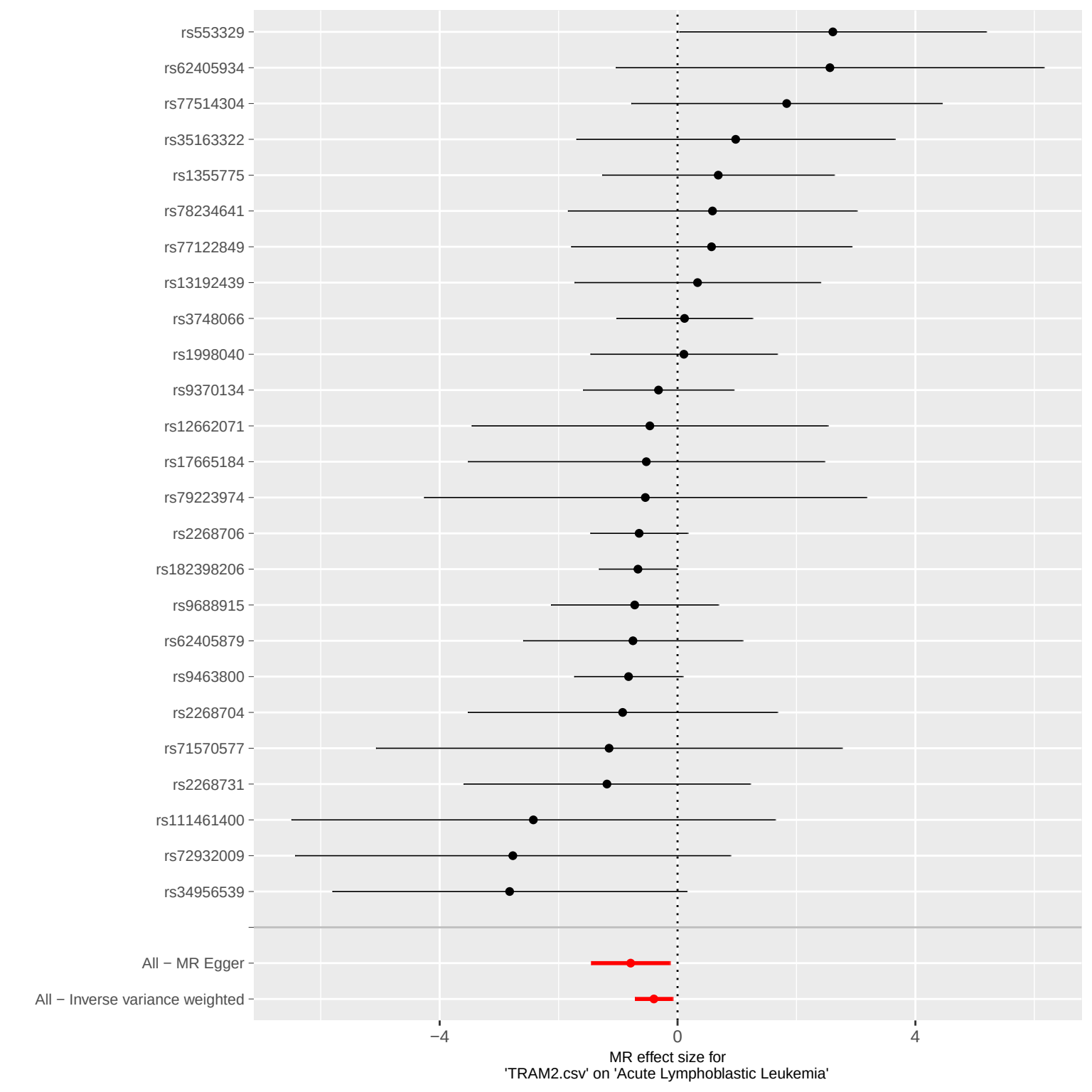
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRAF5.csv' on 'Acute Lymphoblastic Leukemia'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rs182398206
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rs111461400
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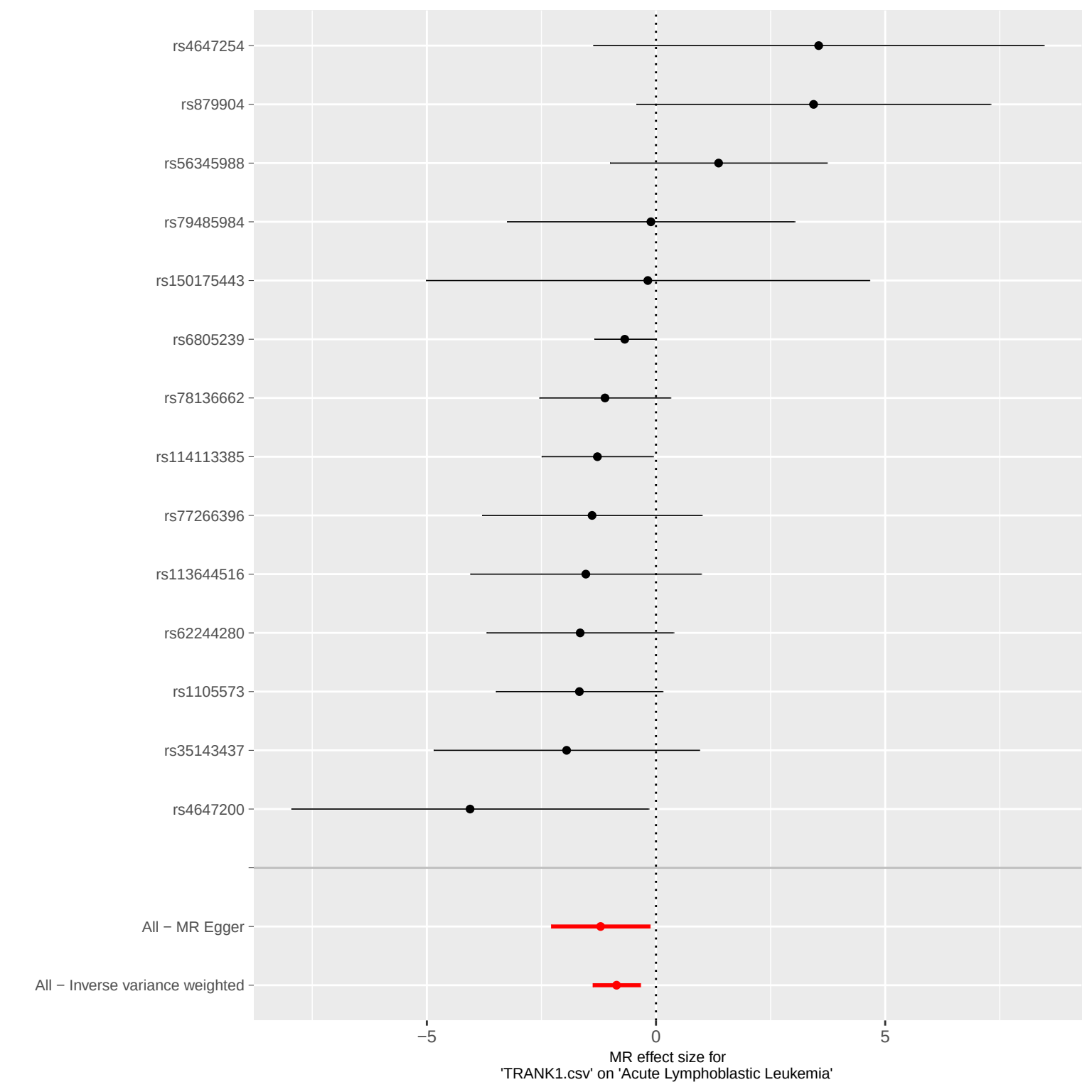
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TRAM2.csv' on 'Acute Lymphoblastic Leukemia'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rs113644516
rs62244280
rs1105573
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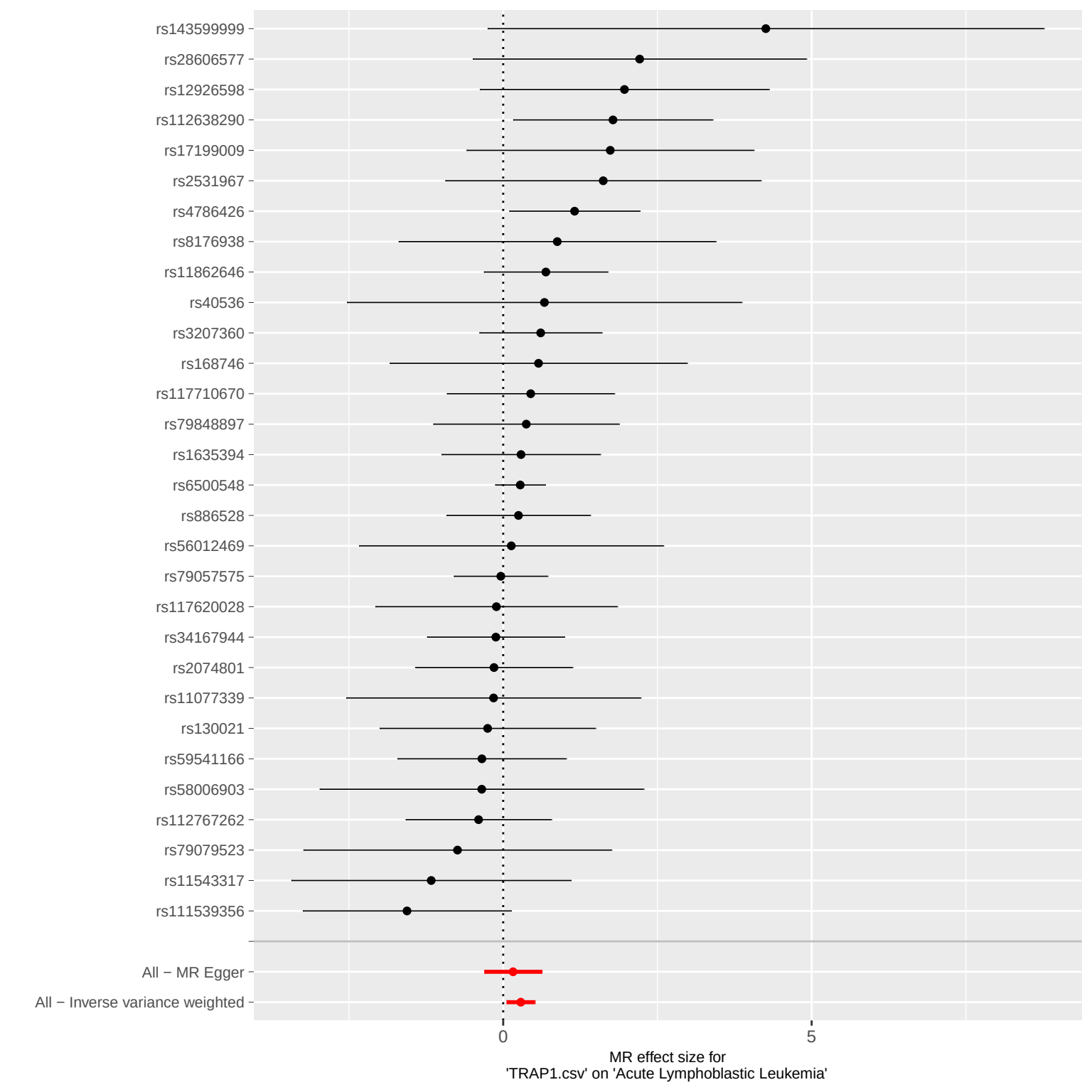
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRANK1.csv' on 'Acute Lymphoblastic Leukemia'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rs130021
rs59541166
rs58006903
rs112767262
rs79079523
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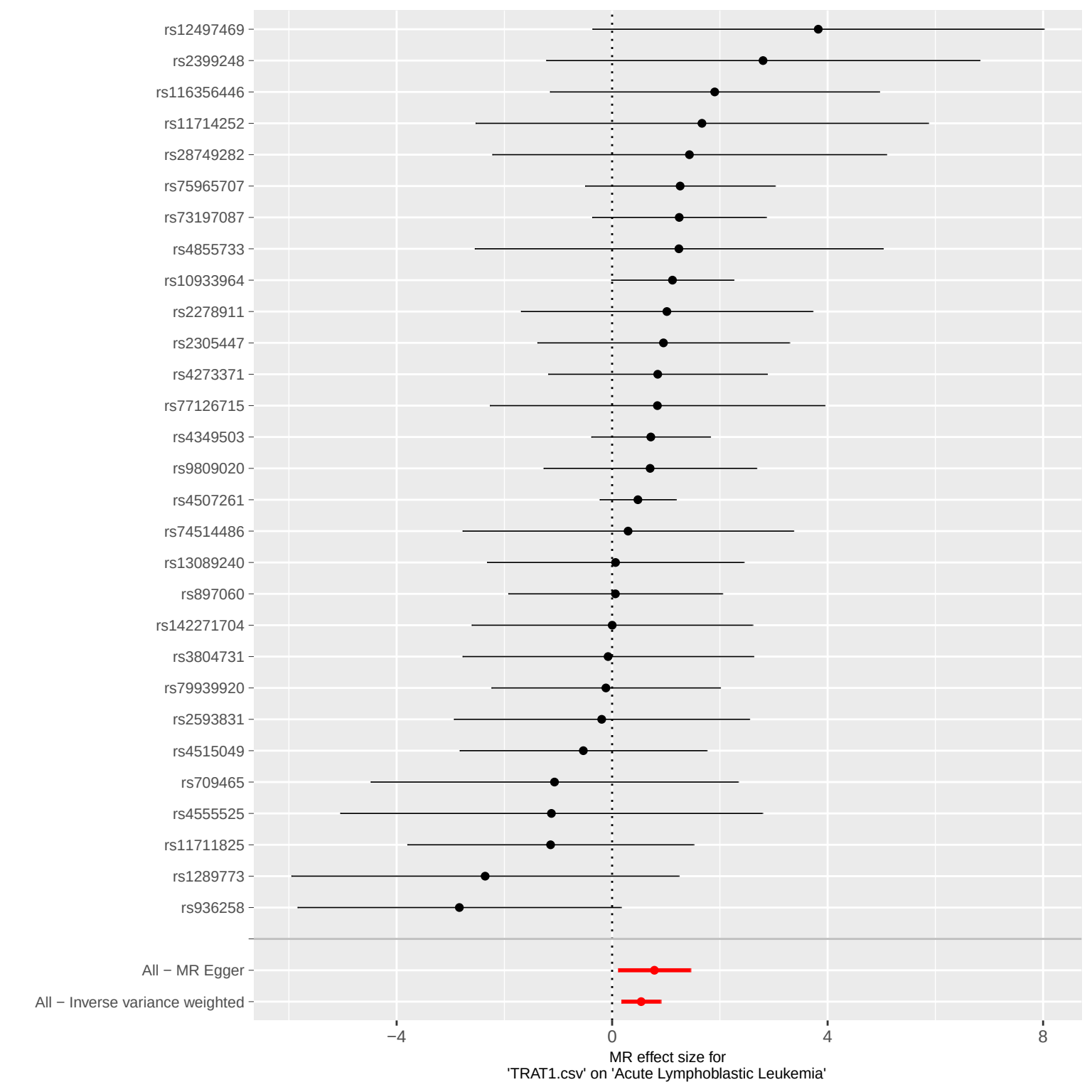
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'TRAP1.csv' on 'Acute Lymphoblastic Leukemia'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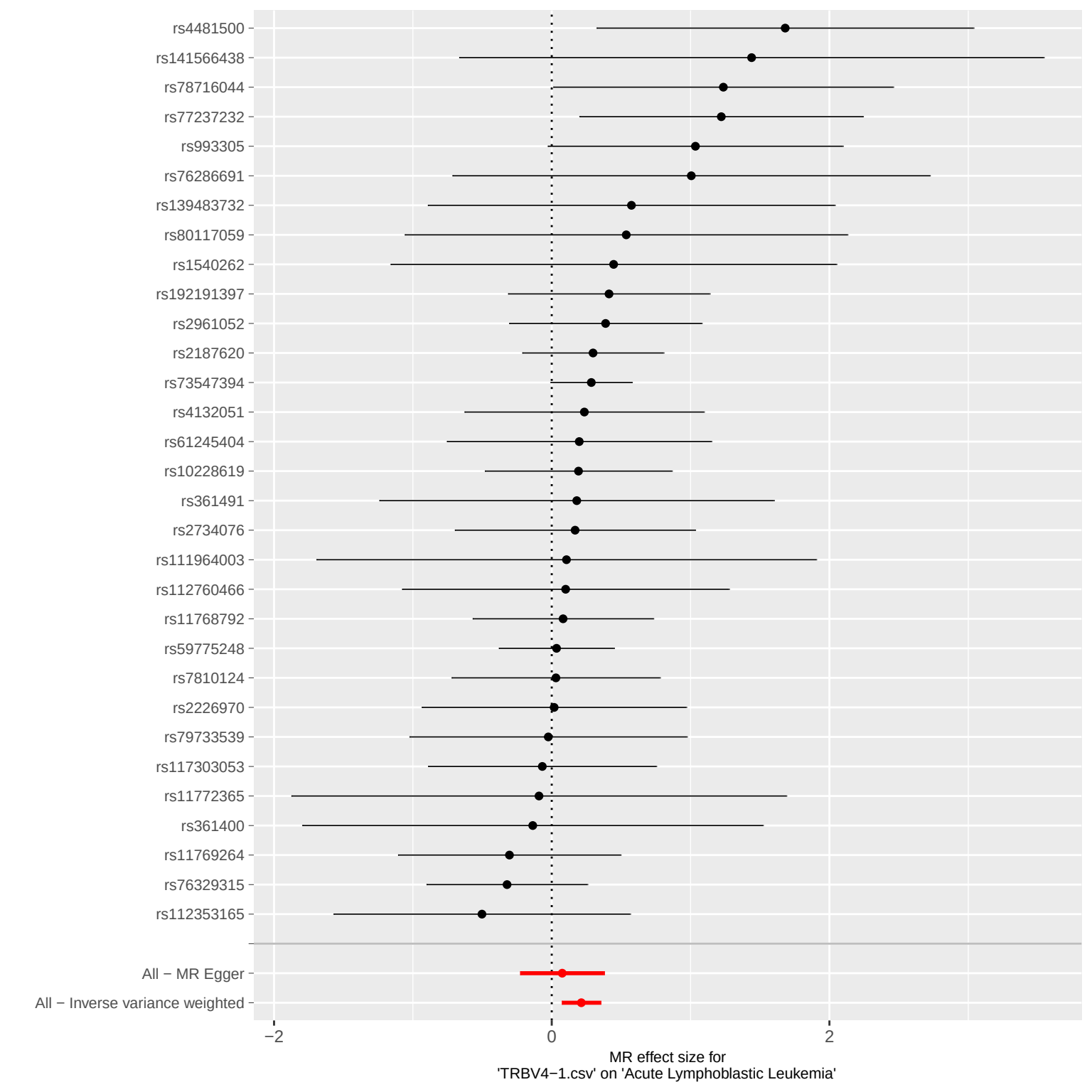
rs709465
rs4555525
rs11711825
rs1289773
rs936258
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'TRAT1.csv' on 'Acute Lymphoblastic Leukemia'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rs2187620
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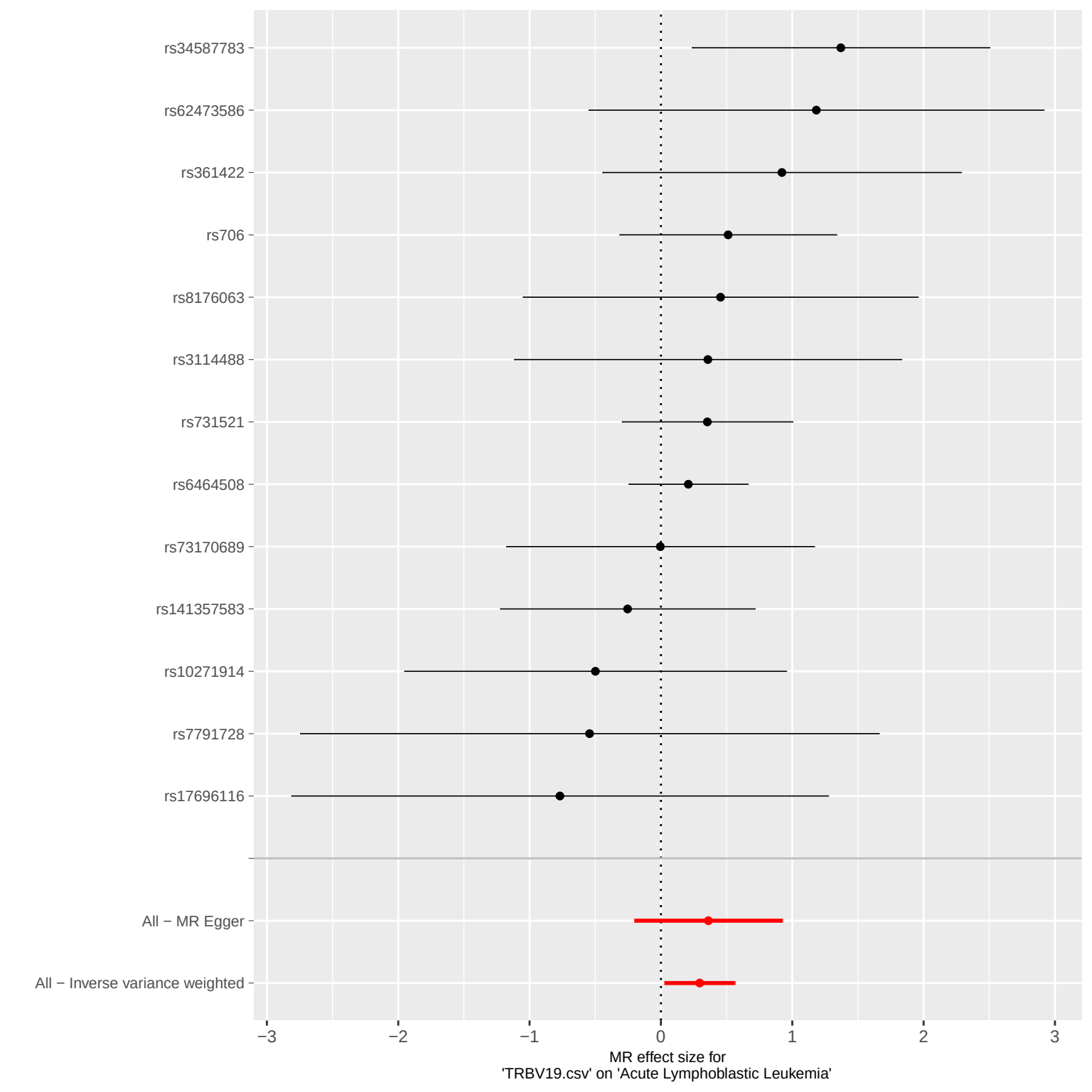
rs4132051
rs61245404
rs10228619
rs361491
rs2734076
rs111964003
rs112760466
rs11768792
rs59775248
rs7810124
rs2226970
rs79733539
rs117303053
rs11772365
rs361400
rs11769264
rs76329315
rs112353165
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TRBV4−1.csv' on 'Acute Lymphoblastic Leukemia'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rs8176063
rs3114488
rs731521
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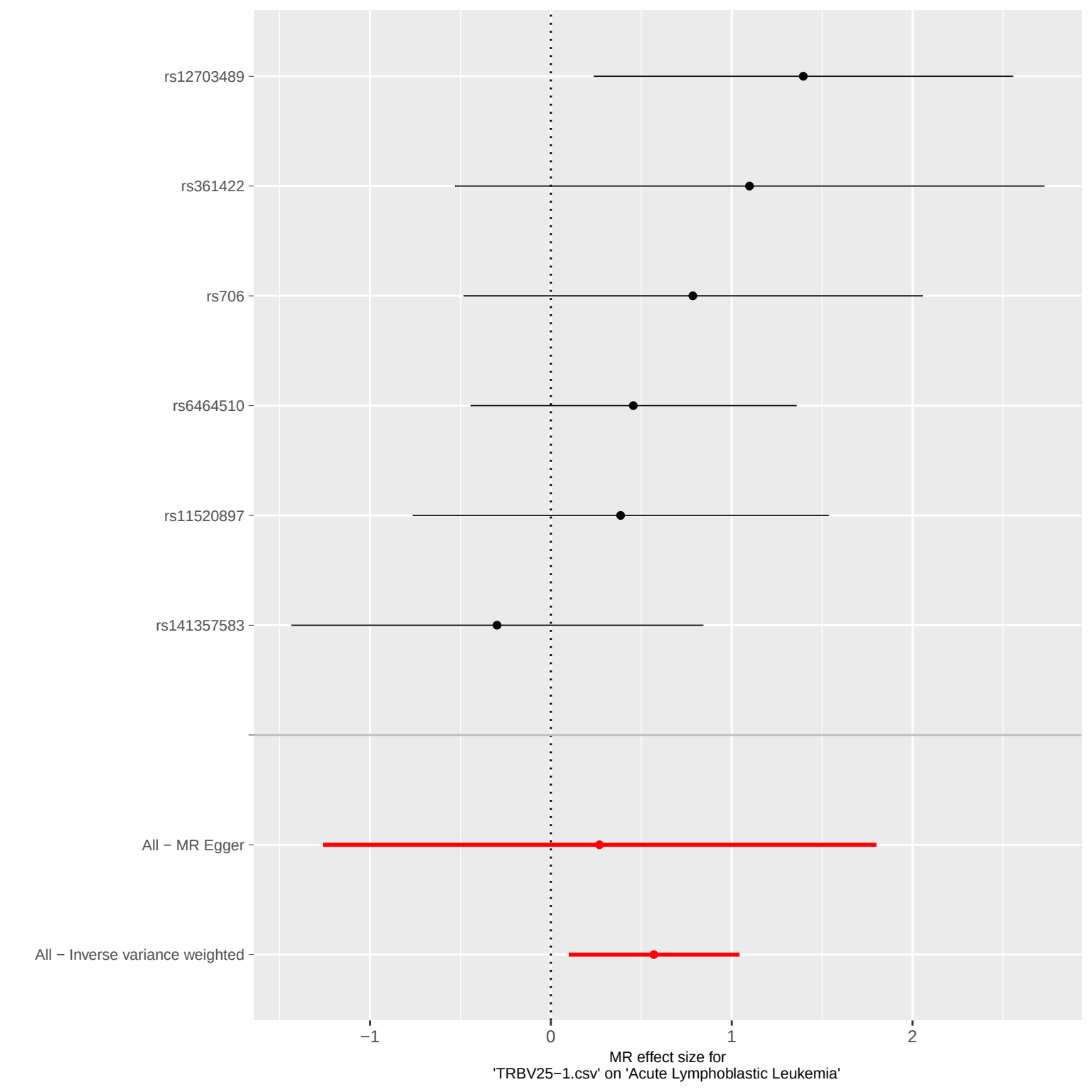
rs73170689
rs141357583
rs10271914
rs7791728
rs17696116
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'TRBV19.csv' on 'Acute Lymphoblastic Leukemia'


rs12703489
rs361422
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rs6464510
rs11520897
rs141357583
All − MR Egger
All − Inverse variance weighted
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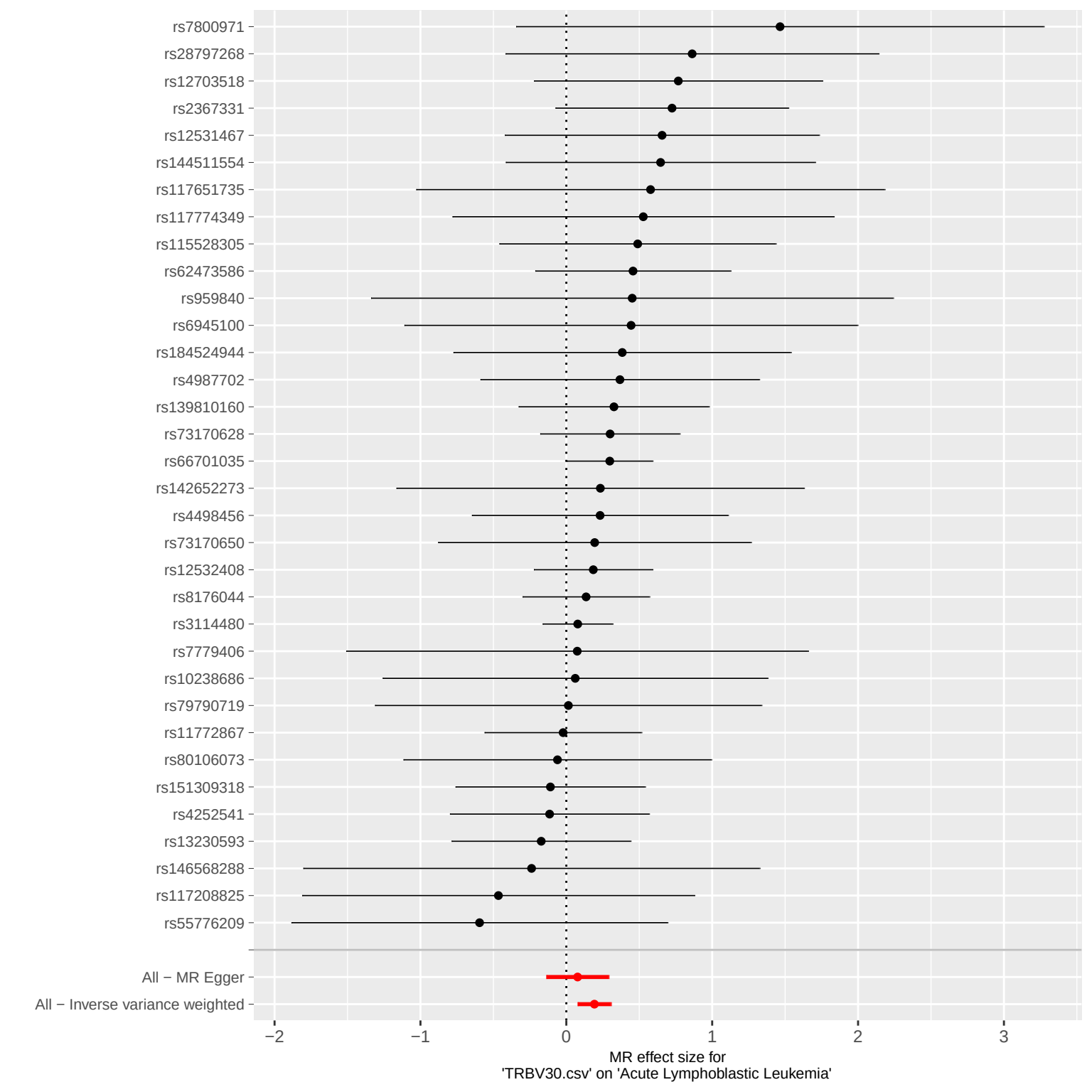
0
1
2
MR effect size for
'TRBV25−1.csv' on 'Acute Lymphoblastic Leukemia'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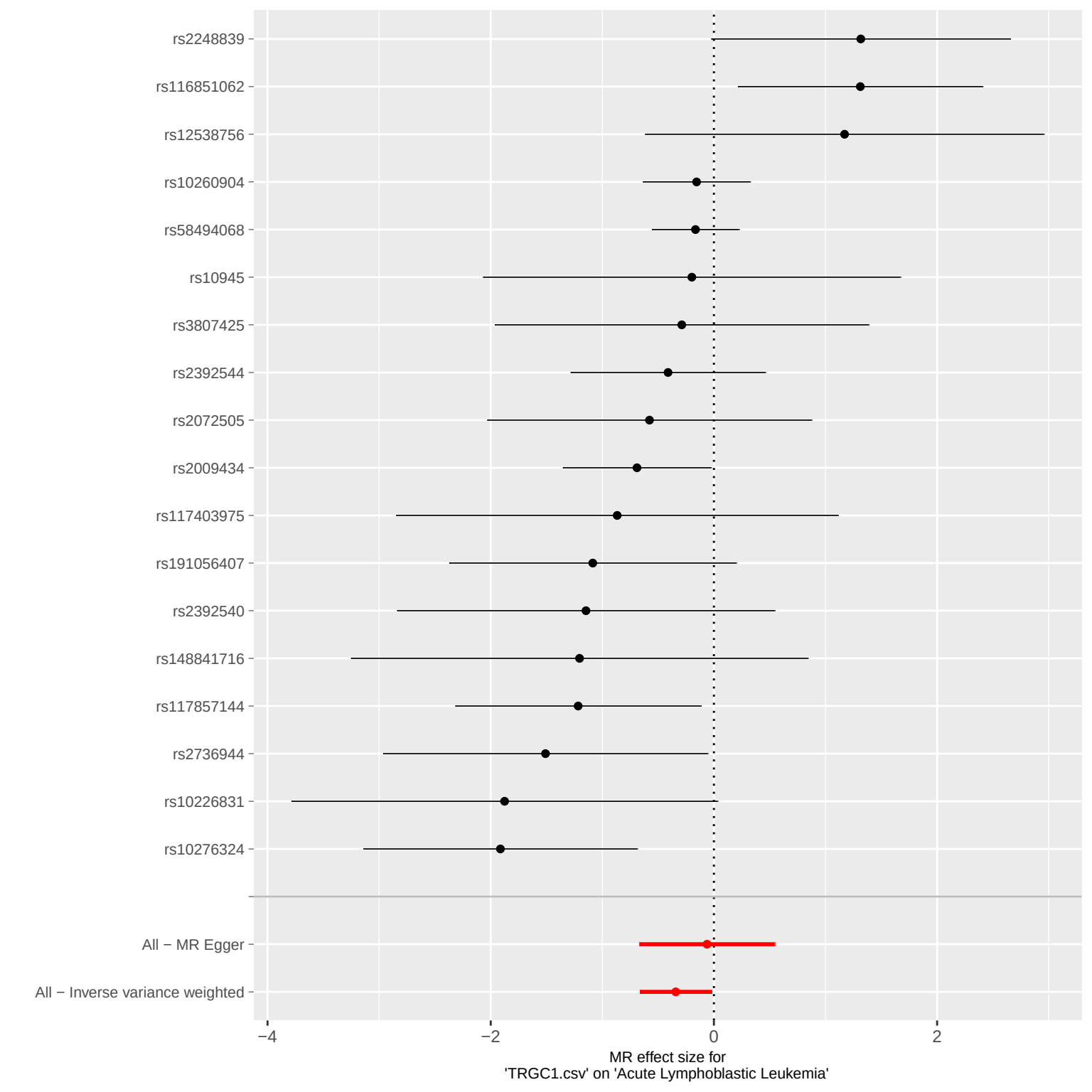
rs8176044
rs3114480
rs7779406
rs10238686
rs79790719
rs11772867
rs80106073
rs151309318
rs4252541
rs13230593
rs146568288
rs117208825
rs55776209
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'TRBV30.csv' on 'Acute Lymphoblastic Leukemia'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rs148841716
rs117857144
rs2736944
rs10226831
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All − MR Egger
All − Inverse variance weighted
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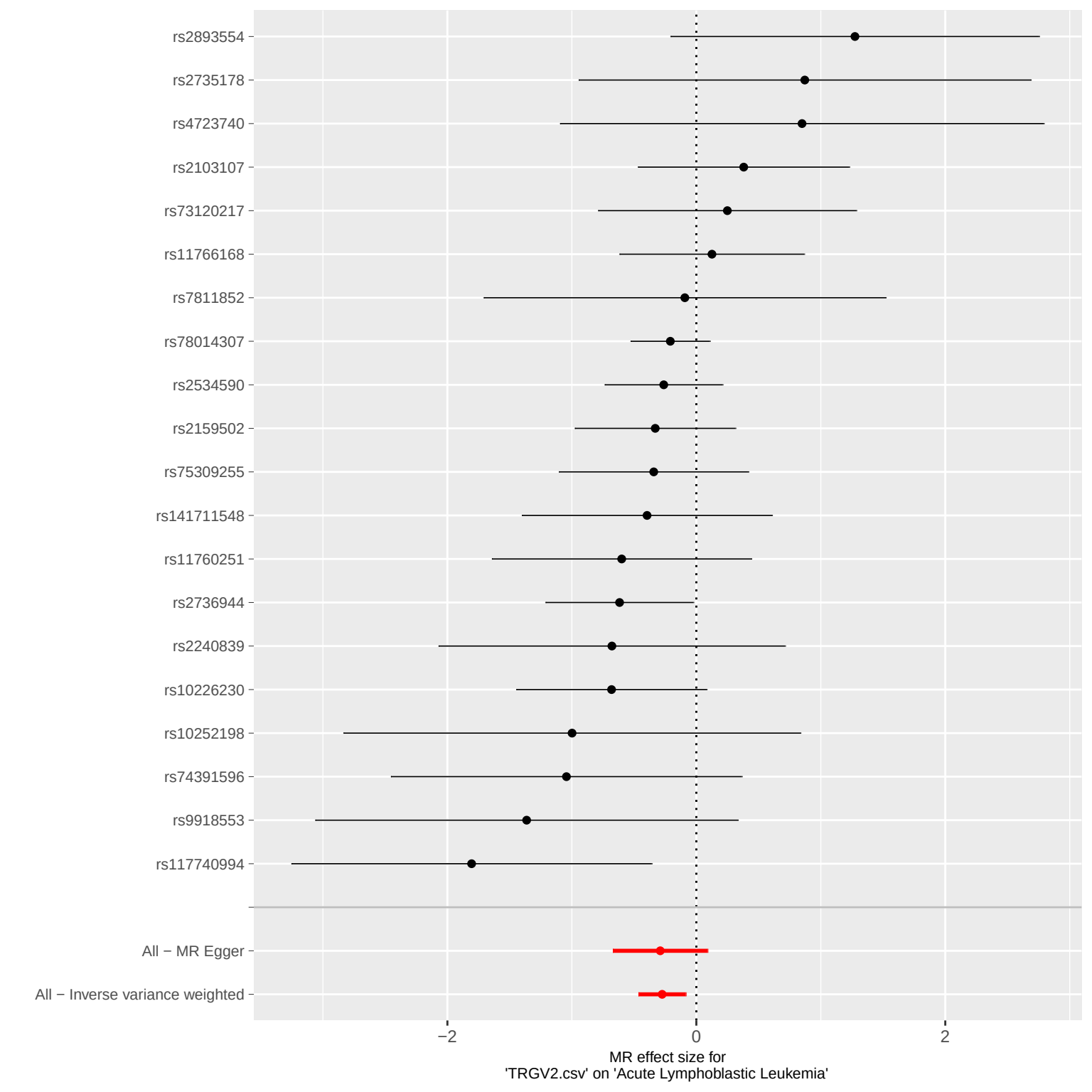
MR effect size for
'TRGC1.csv' on 'Acute Lymphoblastic Leukemia'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rs73120217
rs11766168
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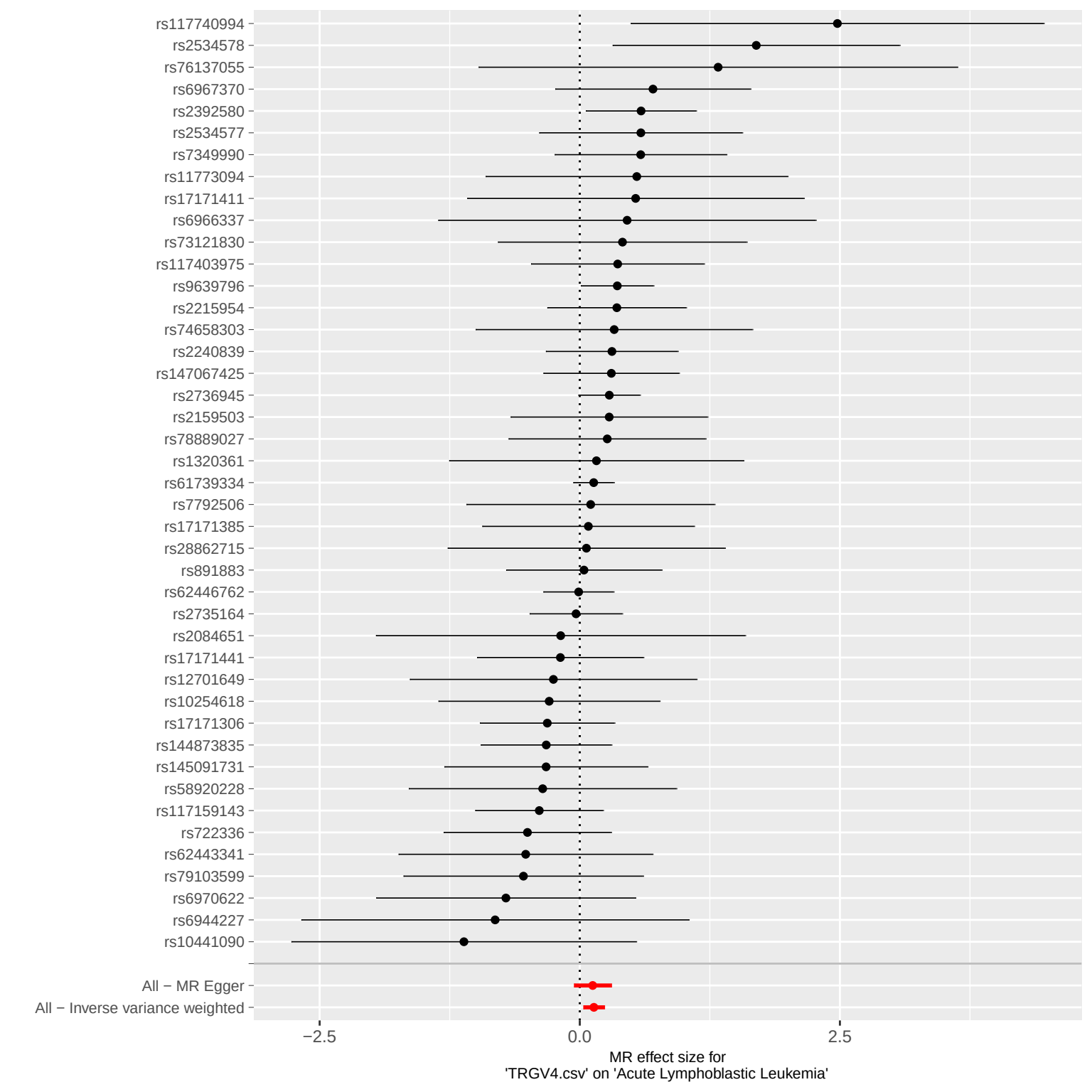
rs75309255
rs141711548
rs11760251
rs2736944
rs2240839
rs10226230
rs10252198
rs74391596
rs9918553
rs117740994
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TRGV2.csv' on 'Acute Lymphoblastic Leukemia'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rs117403975
rs9639796
rs2215954
rs74658303
rs2240839
rs147067425
rs2736945
rs2159503
rs78889027
rs1320361
rs61739334
rs7792506
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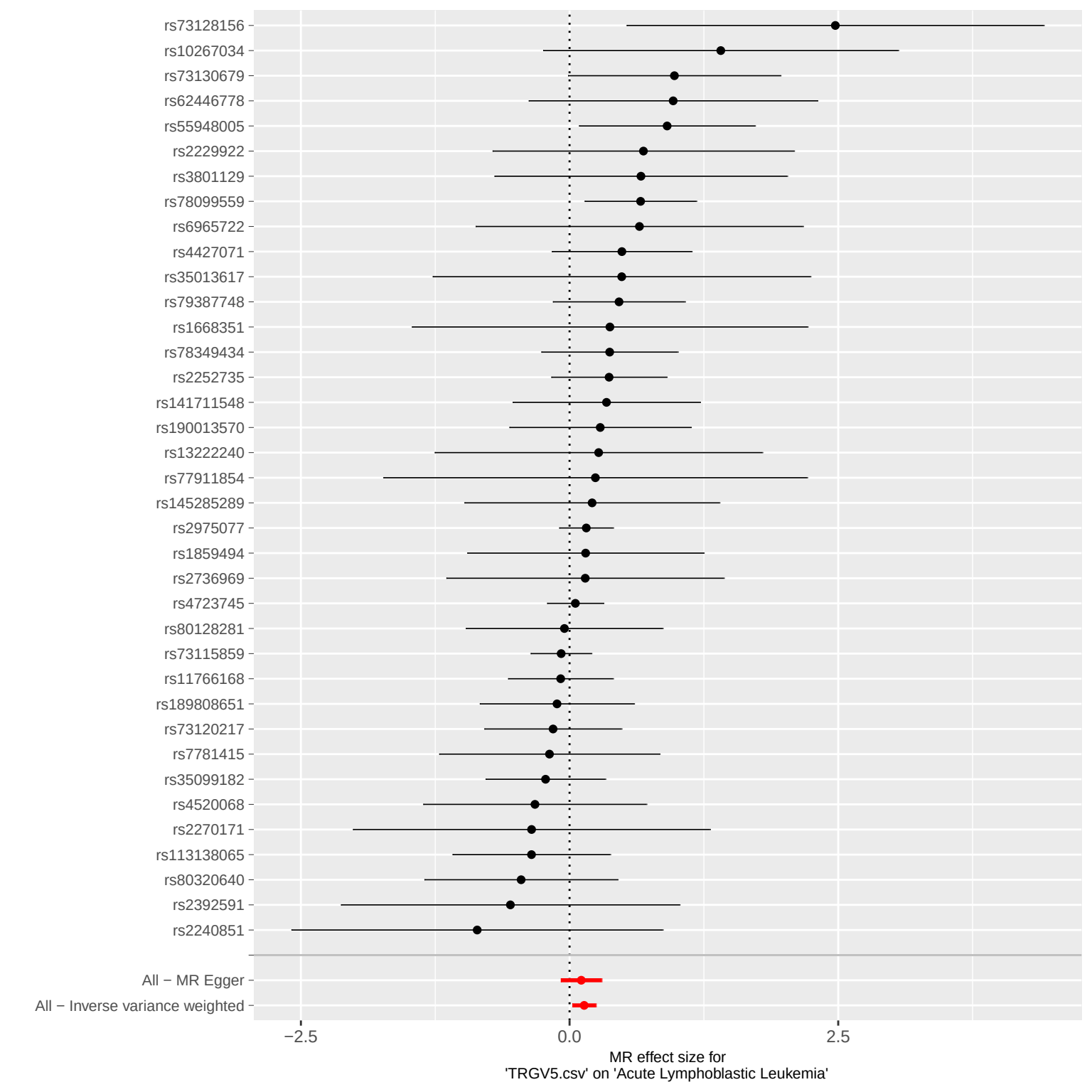
rs28862715
rs891883
rs62446762
rs2735164
rs2084651
rs17171441
rs12701649
rs10254618
rs17171306
rs144873835
rs145091731
rs58920228
rs117159143
rs722336
rs62443341
rs79103599
rs6970622
rs6944227
rs10441090
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TRGV4.csv' on 'Acute Lymphoblastic Leukemia'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rs141711548
rs190013570
rs13222240
rs77911854
rs145285289
rs2975077
rs1859494
rs2736969
rs4723745
rs80128281
rs73115859
rs11766168
rs189808651
rs73120217
rs7781415
rs35099182
rs4520068
rs2270171
rs113138065
rs80320640
rs2392591
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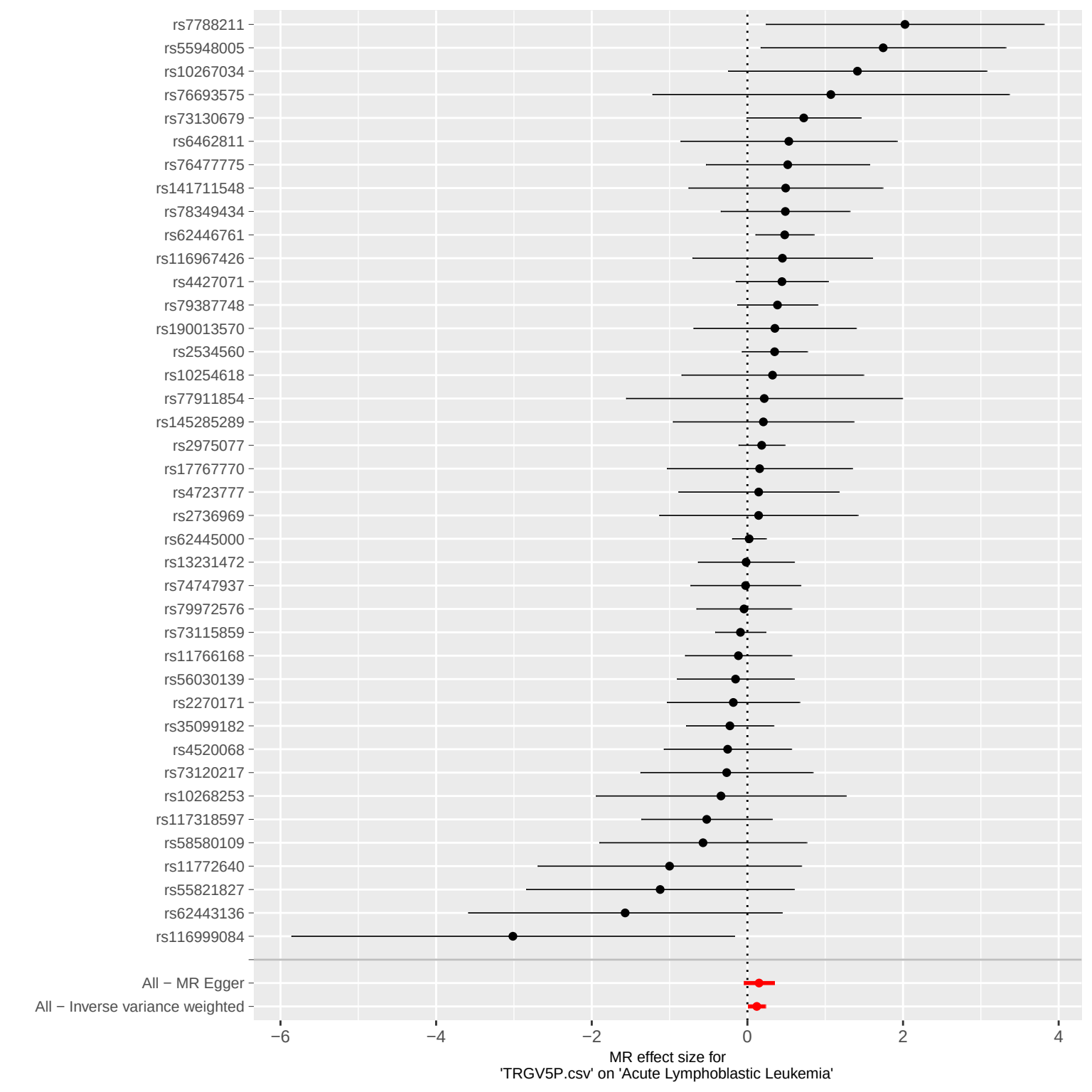
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TRGV5.csv' on 'Acute Lymphoblastic Leukemia'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rs4520068
rs73120217
rs10268253
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rs11772640
rs55821827
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rs116999084
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
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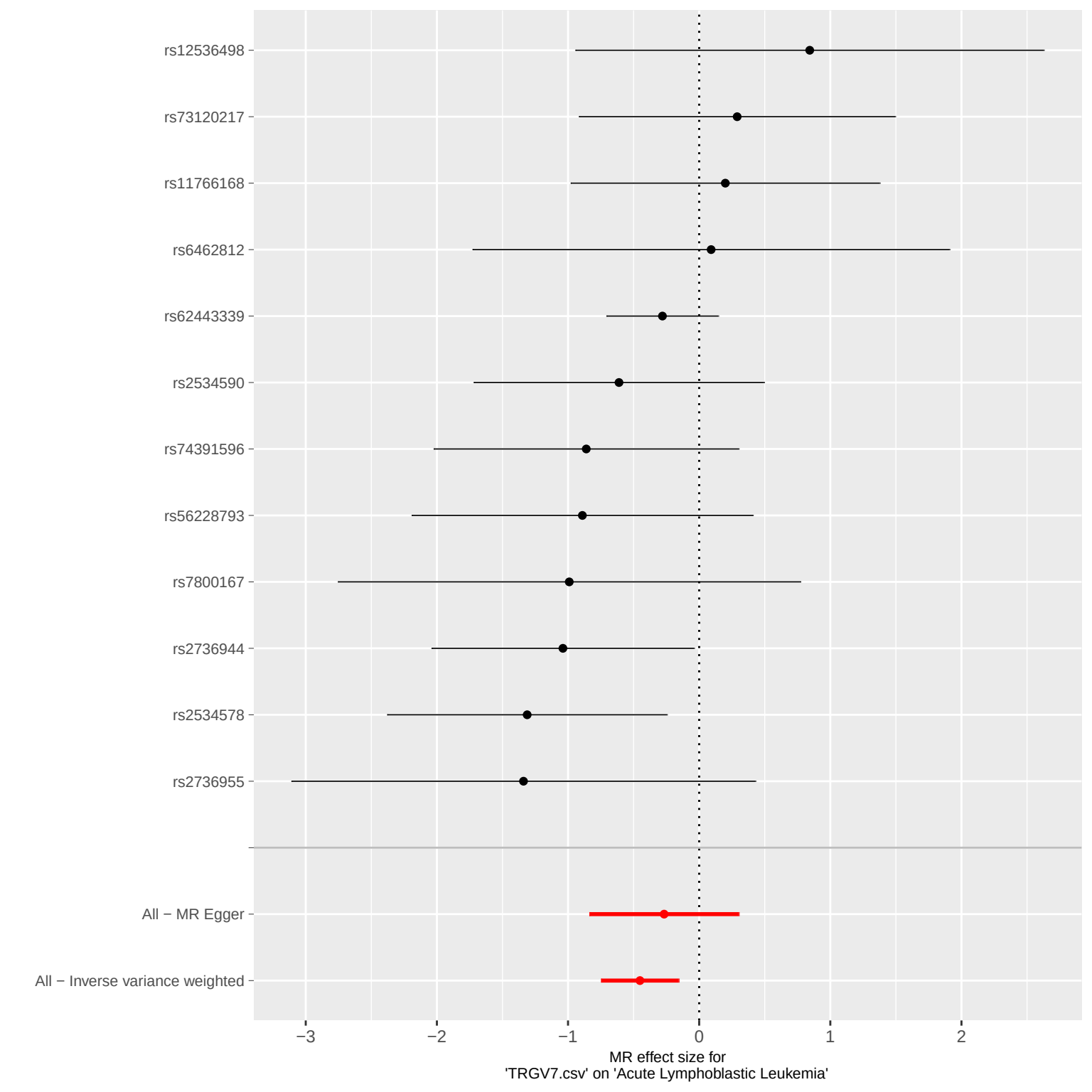
2
4
MR effect size for
'TRGV5P.csv' on 'Acute Lymphoblastic Leukemia'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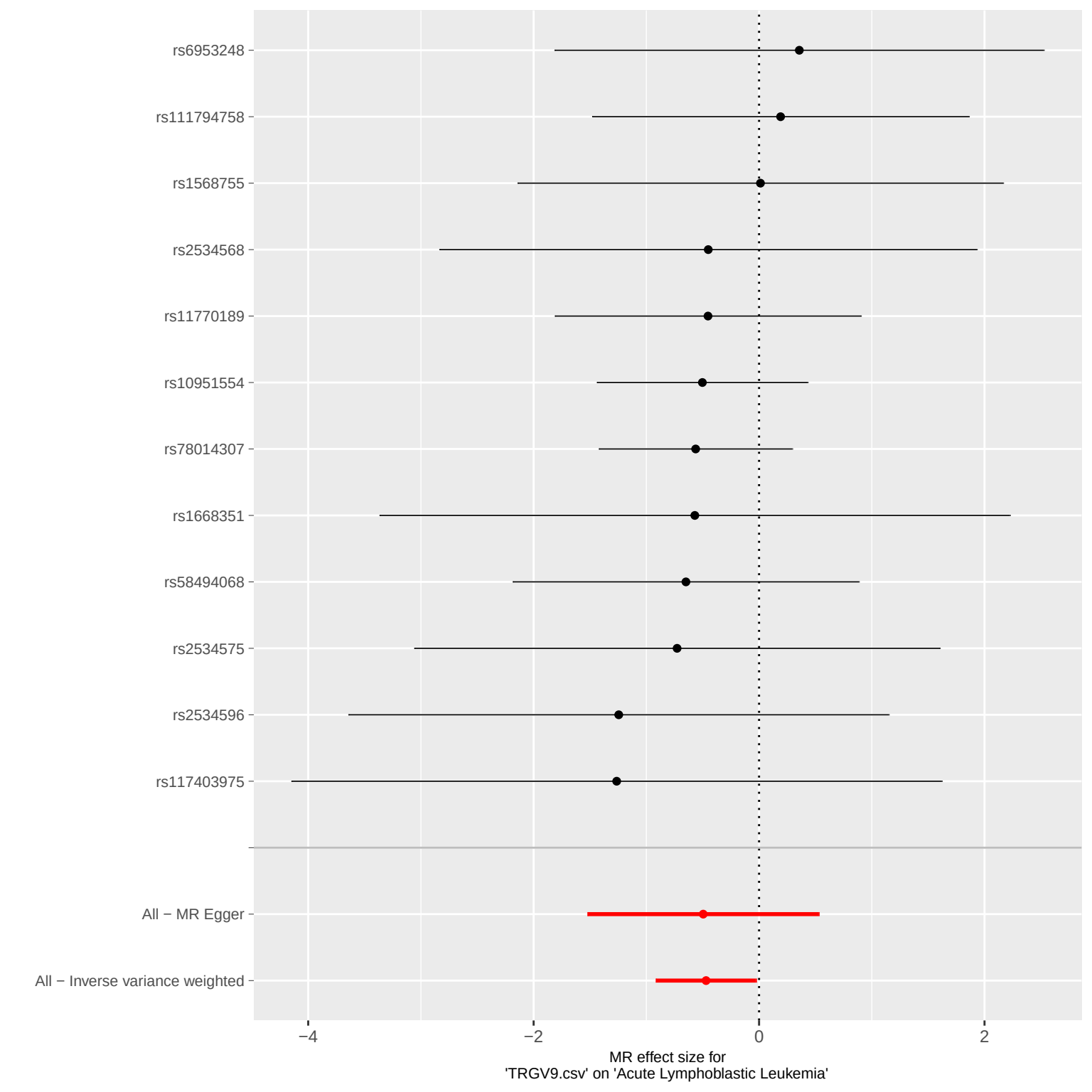
rs62443339
rs2534590
rs74391596
rs56228793
rs7800167
rs2736944
rs2534578
rs2736955
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'TRGV7.csv' on 'Acute Lymphoblastic Leukemia'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rs78014307
rs1668351
rs58494068
rs2534575
rs2534596
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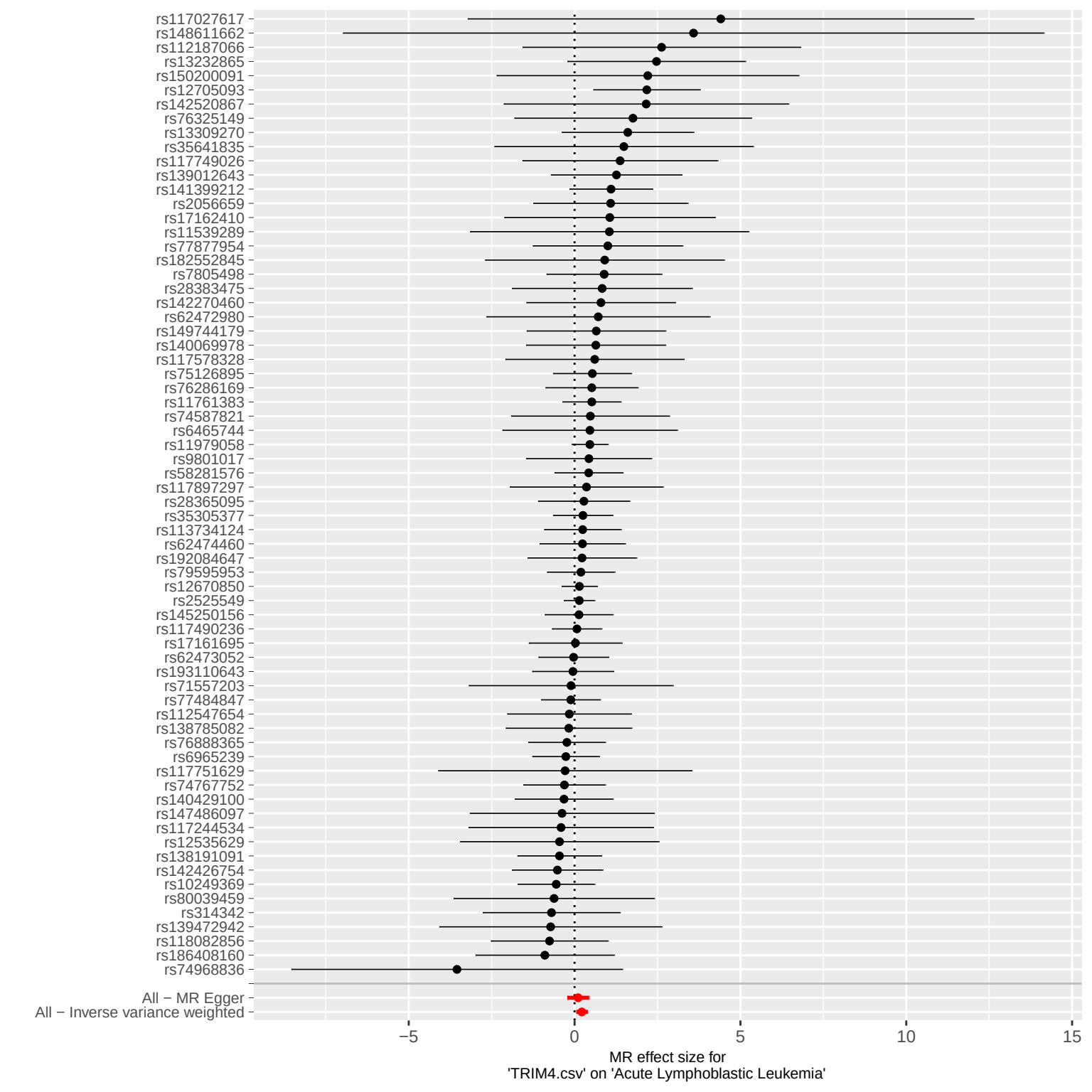
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TRGV9.csv' on 'Acute Lymphoblastic Leukemia'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rs182552845
rs7805498
rs28383475
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rs62472980
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rs12535629
rs138191091
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rs80039459
rs314342
rs139472942
rs118082856
rs186408160
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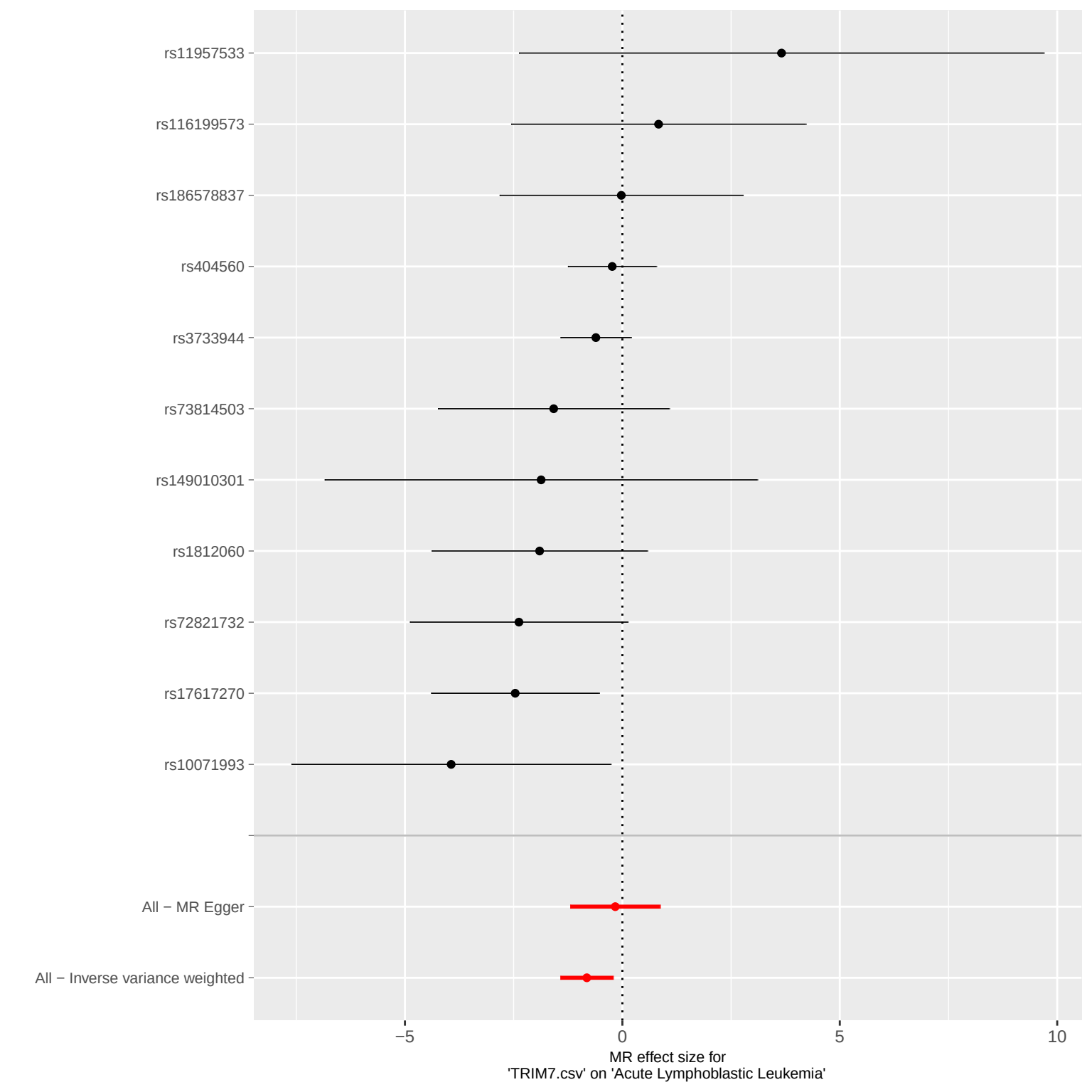
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'TRIM4.csv' on 'Acute Lymphoblastic Leukemia'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rs73814503
rs149010301
rs1812060
rs72821732
rs17617270
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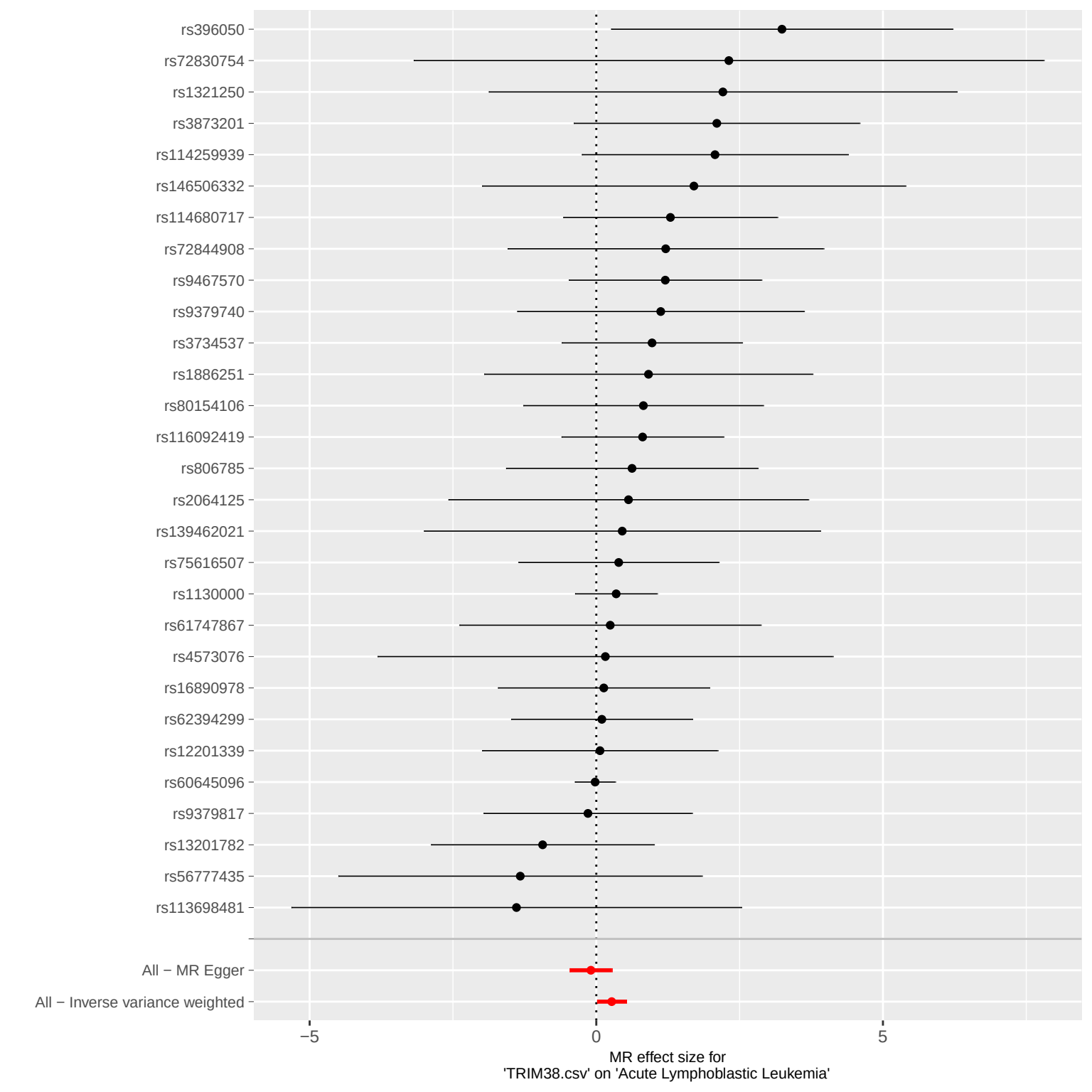
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TRIM7.csv' on 'Acute Lymphoblastic Leukemia'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rs1886251
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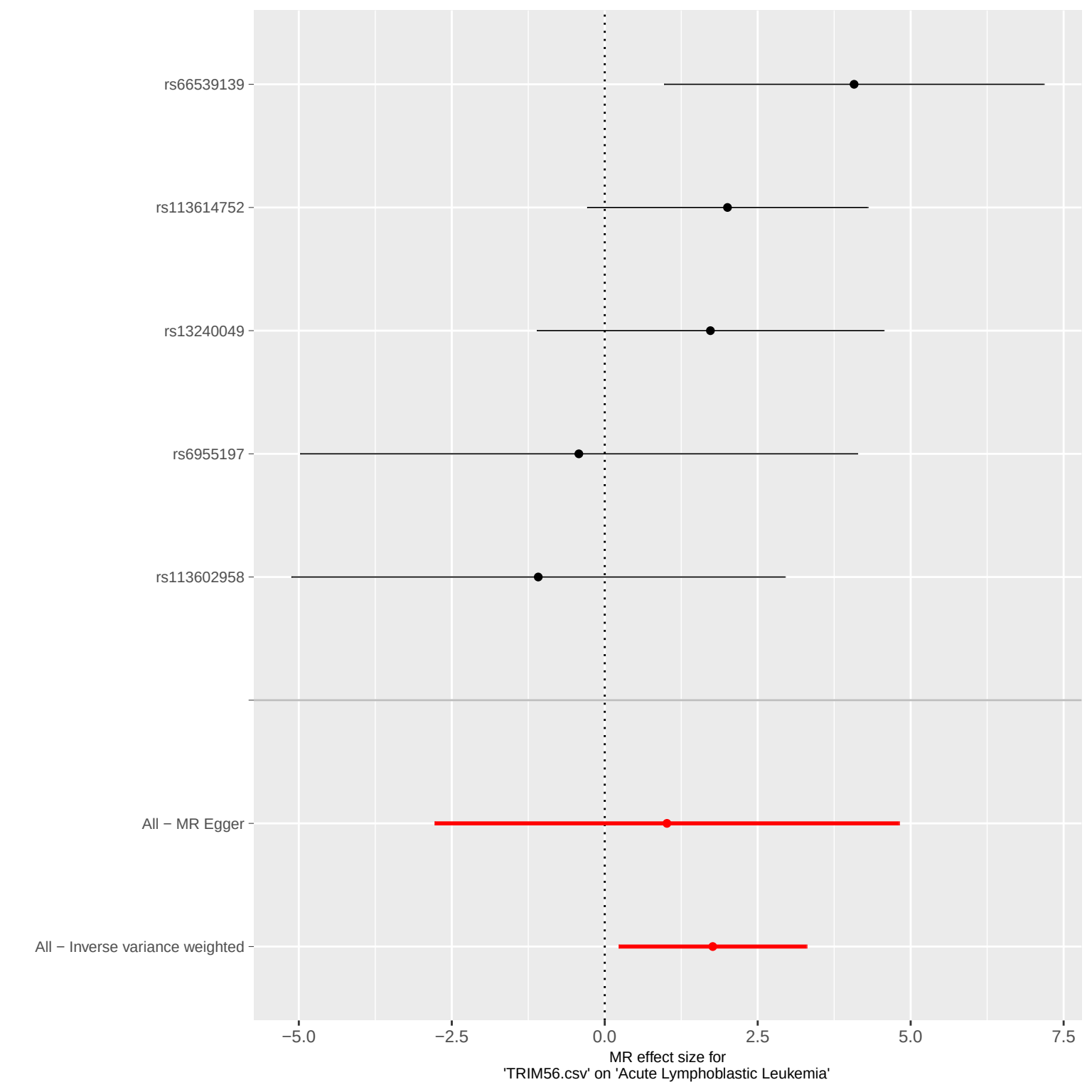
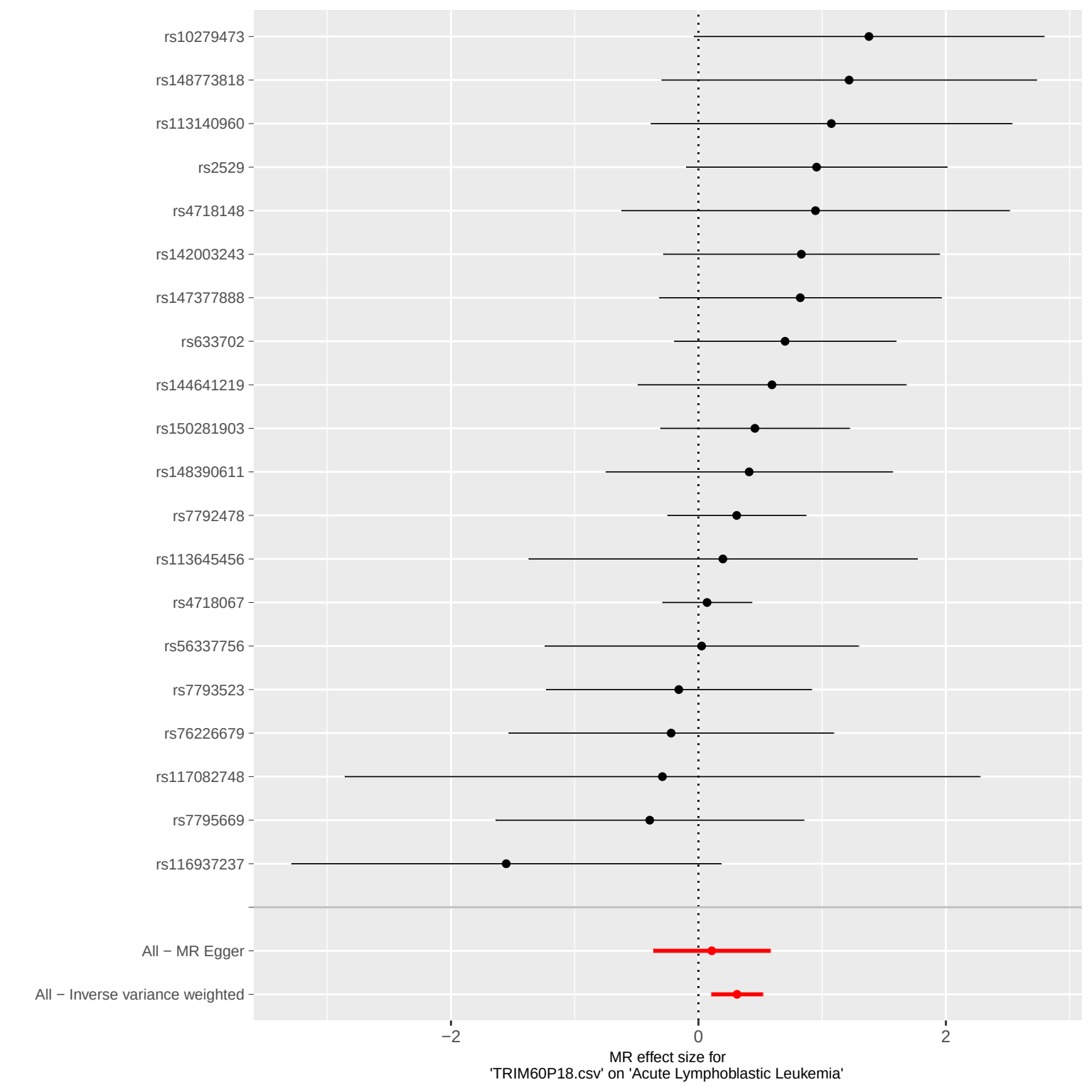
rs116092419
rs806785
rs2064125
rs139462021
rs75616507
rs1130000
rs61747867
rs4573076
rs16890978
rs62394299
rs12201339
rs60645096
rs9379817
rs13201782
rs56777435
rs113698481
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRIM38.csv' on 'Acute Lymphoblastic Leukemia'


rs66539139
rs113614752
rs13240049
rs6955197
rs113602958
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'TRIM56.csv' on 'Acute Lymphoblastic Leukemia'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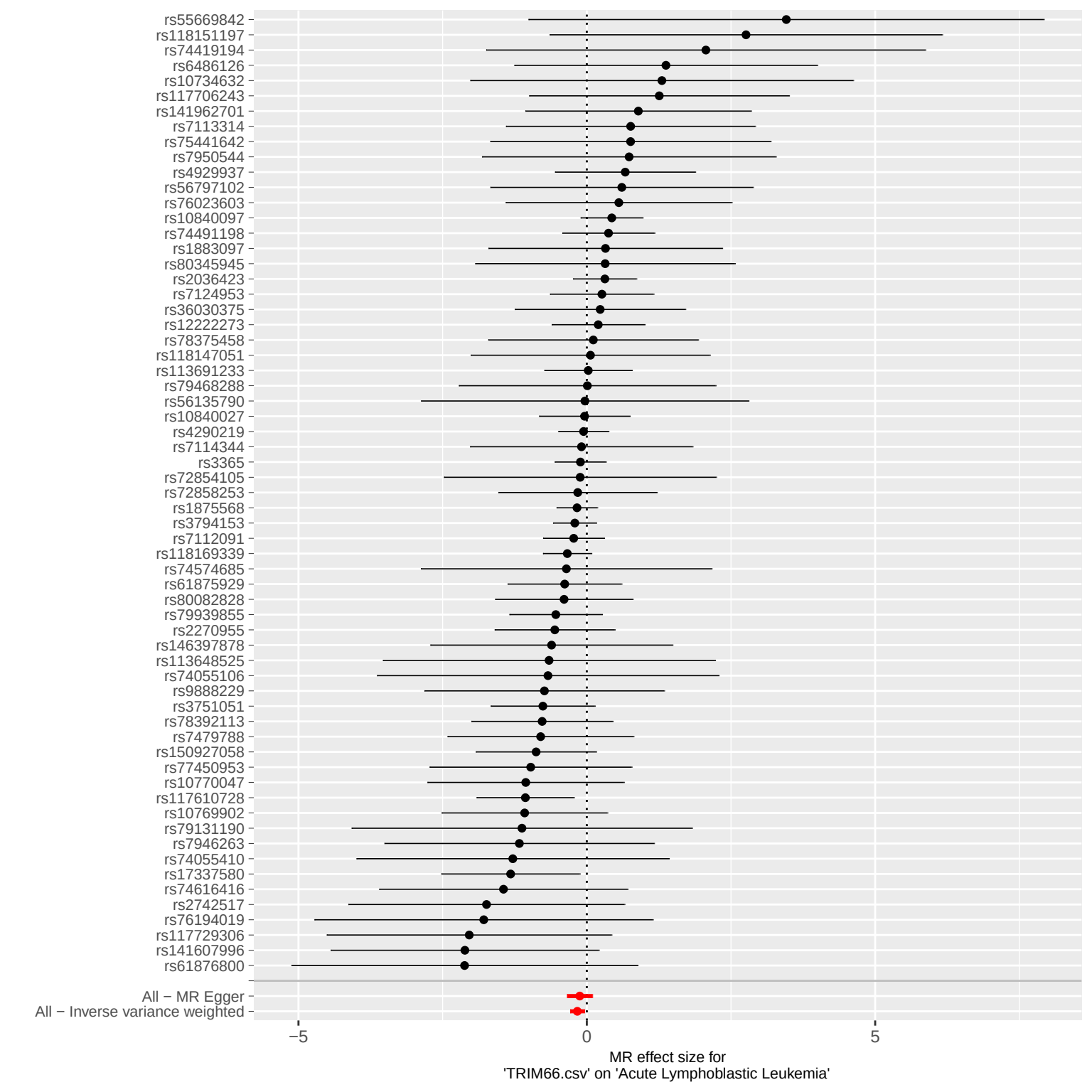
rs113645456
rs4718067
rs56337756
rs7793523
rs76226679
rs117082748
rs7795669
rs116937237
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TRIM60P18.csv' on 'Acute Lymphoblastic Leukemia'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rs79131190
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rs74055410
rs17337580
rs74616416
rs2742517
rs76194019
rs117729306
rs141607996
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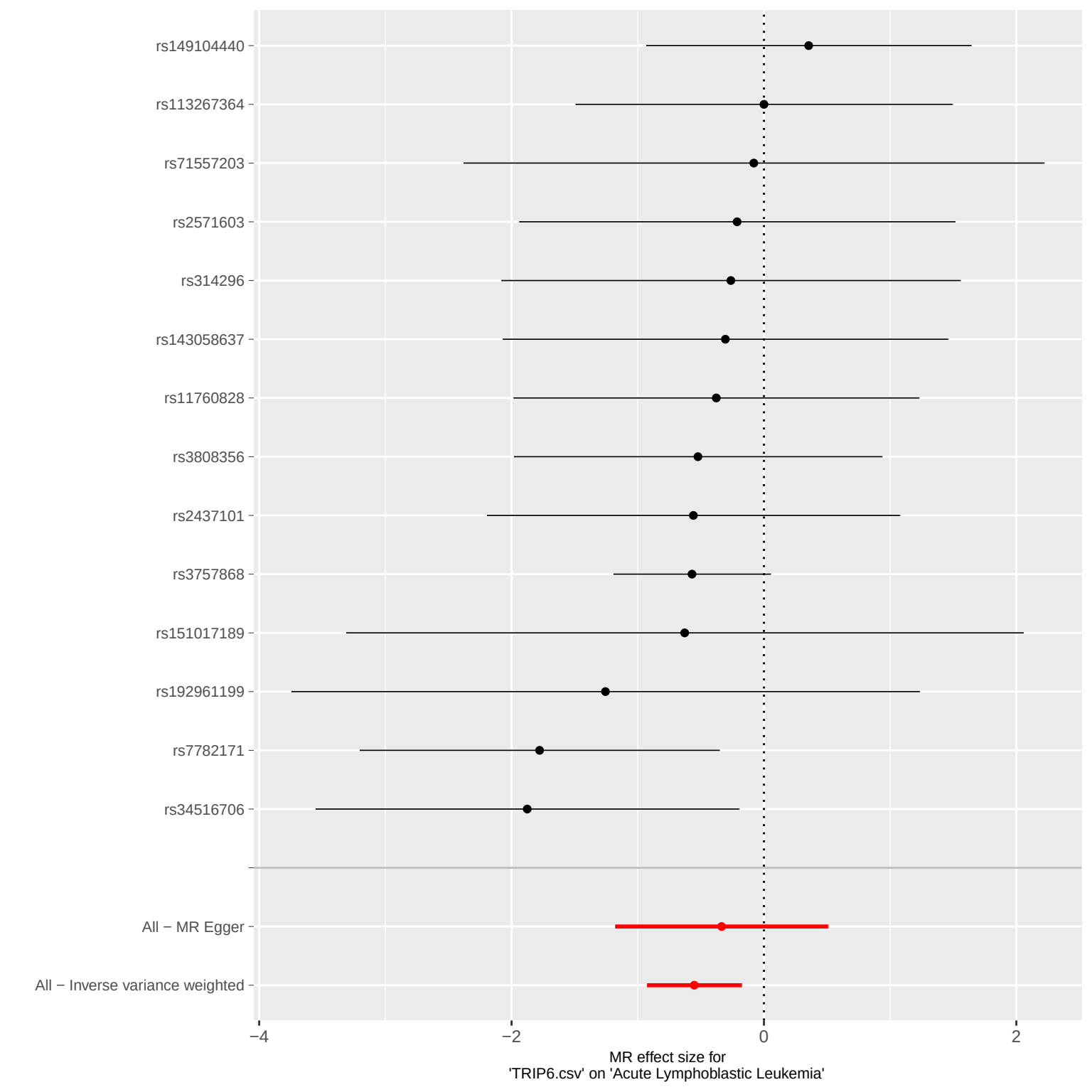
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRIM66.csv' on 'Acute Lymphoblastic Leukemia'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rs2437101
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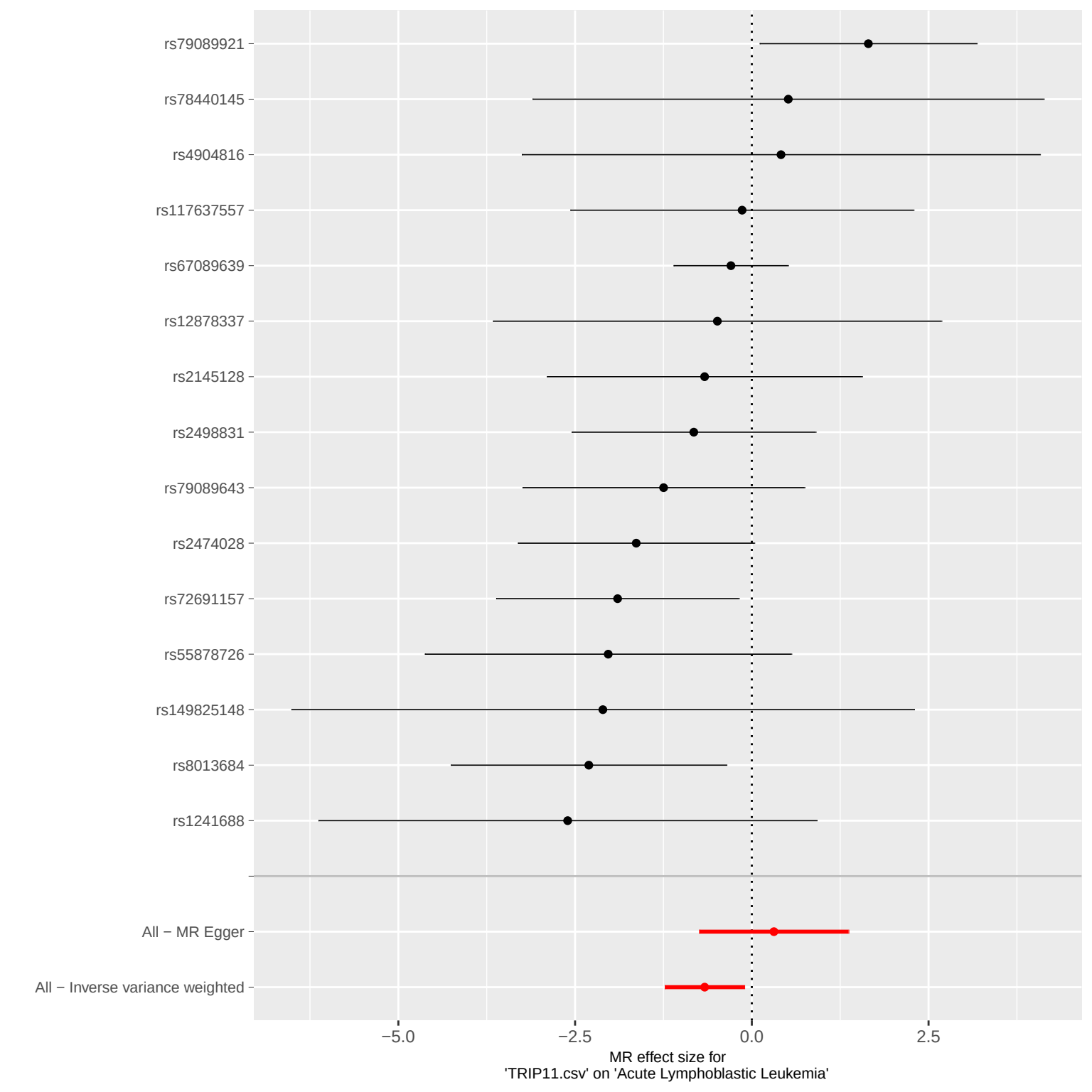
rs151017189
rs192961199
rs7782171
rs34516706
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TRIP6.csv' on 'Acute Lymphoblastic Leukemia'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rs12878337
rs2145128
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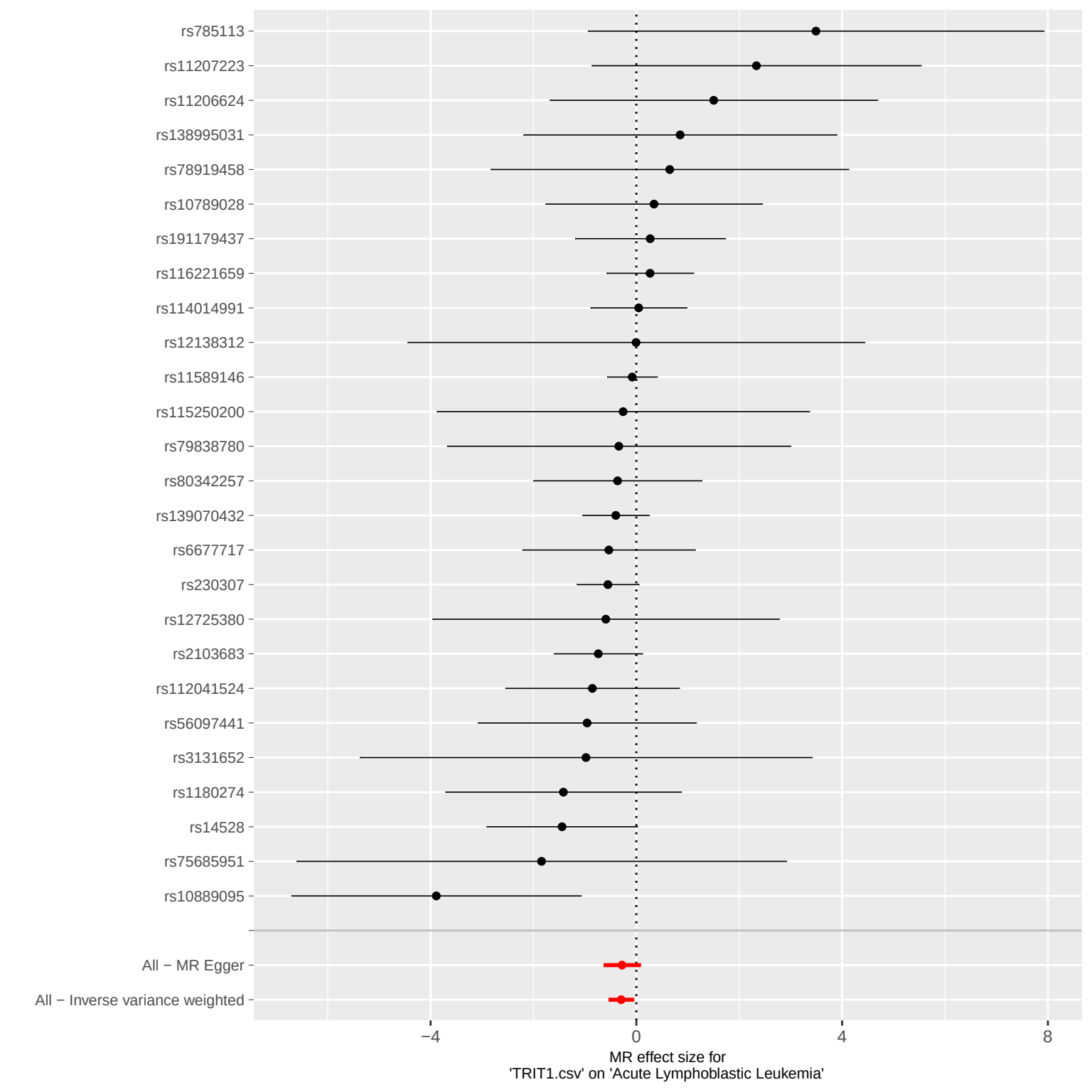
rs79089643
rs2474028
rs72691157
rs55878726
rs149825148
rs8013684
rs1241688
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TRIP11.csv' on 'Acute Lymphoblastic Leukemia'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rs112041524
rs56097441
rs3131652
rs1180274
rs14528
rs75685951
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All − MR Egger
All − Inverse variance weighted
−4
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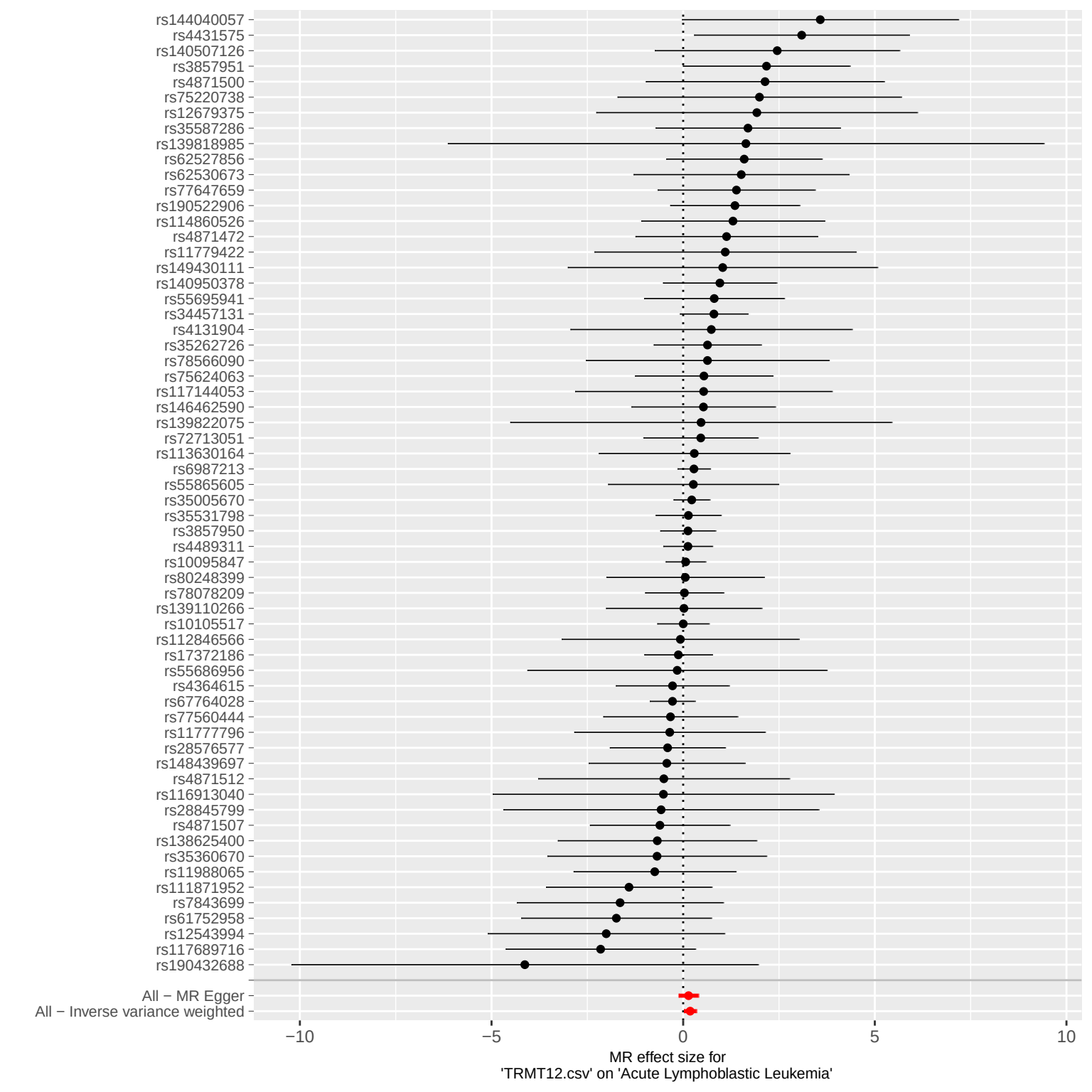
4
8
MR effect size for
'TRIT1.csv' on 'Acute Lymphoblastic Leukemia'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rs4871512
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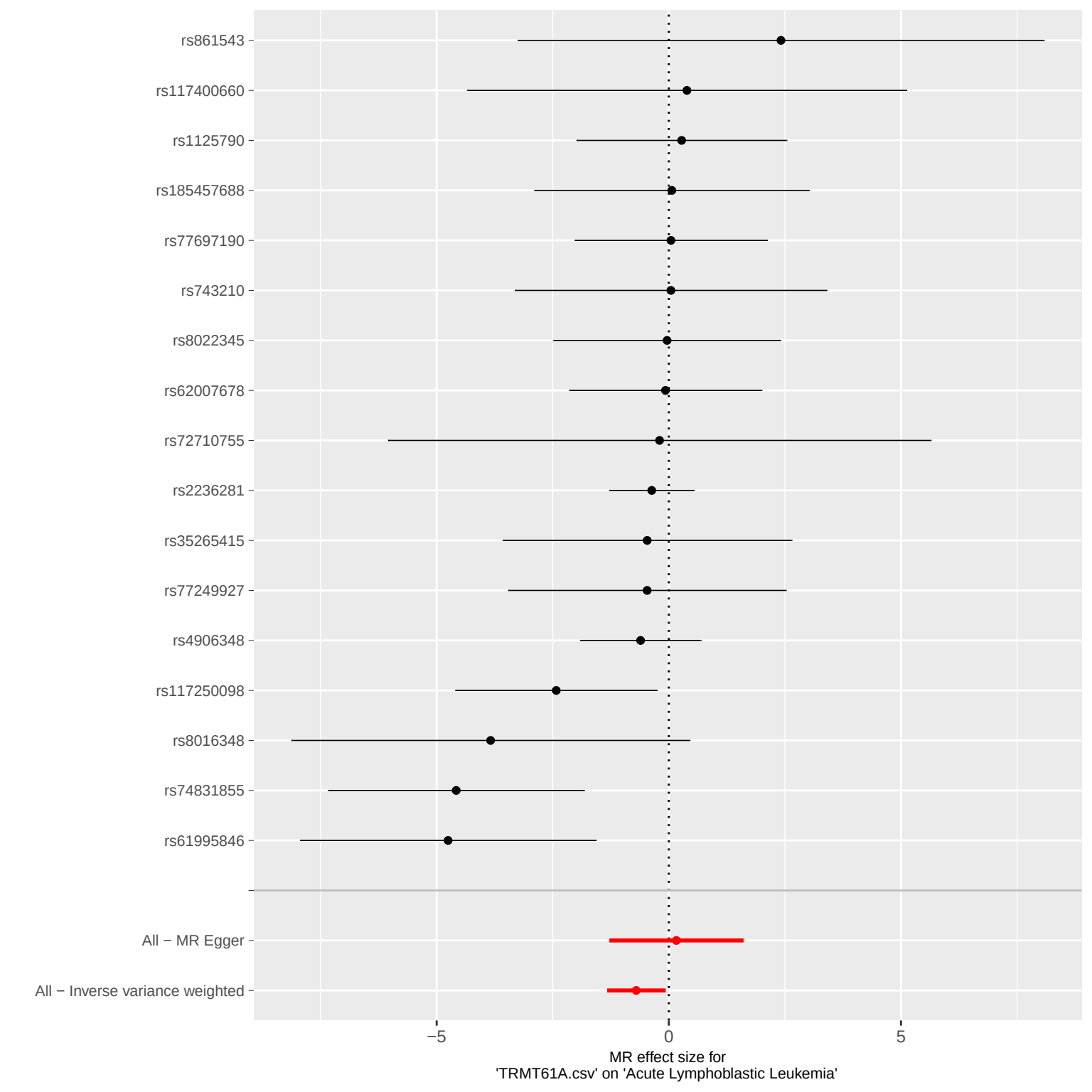
rs4871507
rs138625400
rs35360670
rs11988065
rs111871952
rs7843699
rs61752958
rs12543994
rs117689716
rs190432688
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TRMT12.csv' on 'Acute Lymphoblastic Leukemia'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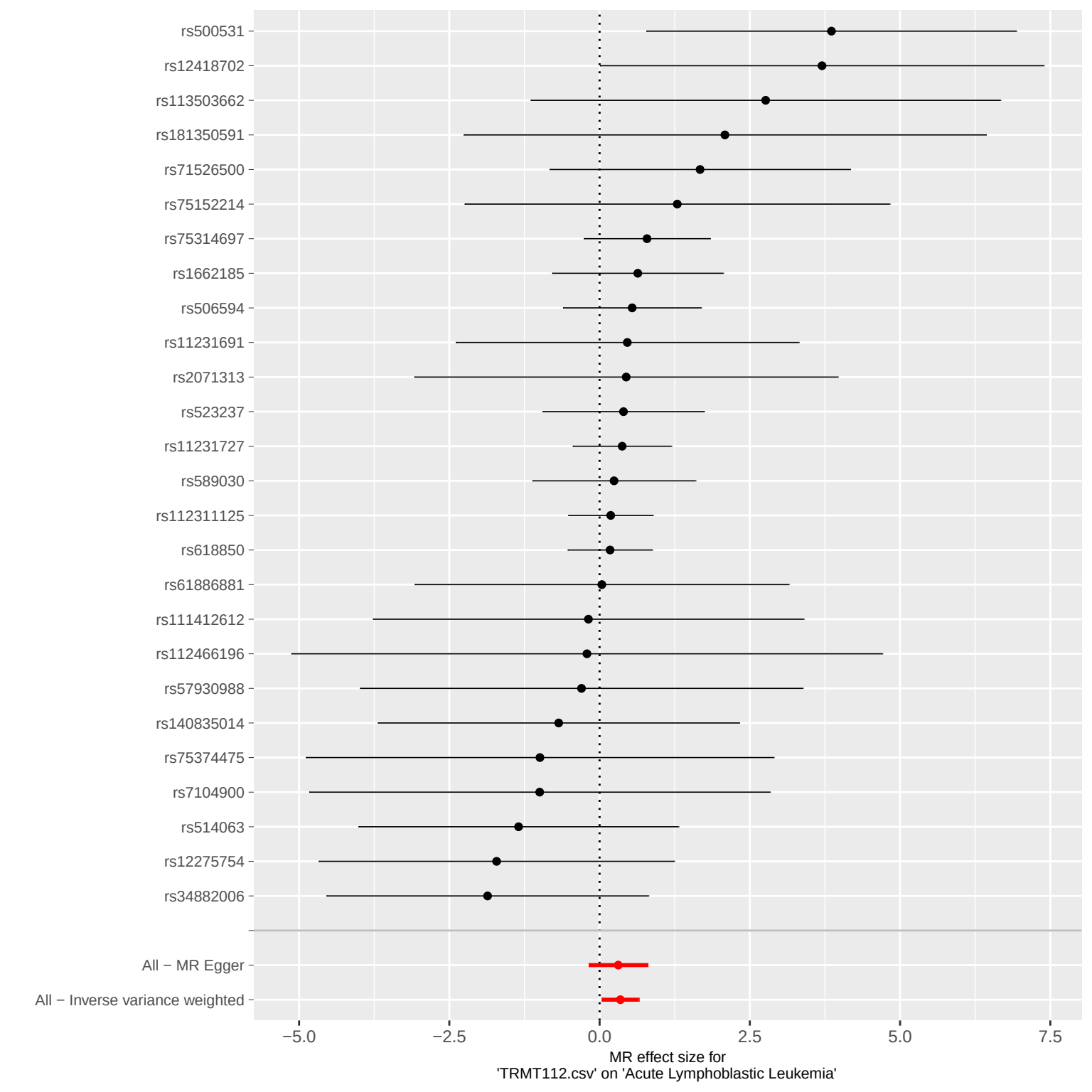
rs72710755
rs2236281
rs35265415
rs77249927
rs4906348
rs117250098
rs8016348
rs74831855
rs61995846
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRMT61A.csv' on 'Acute Lymphoblastic Leukemia'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rs61886881
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rs112466196
rs57930988
rs140835014
rs75374475
rs7104900
rs514063
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All − MR Egger
All − Inverse variance weighted
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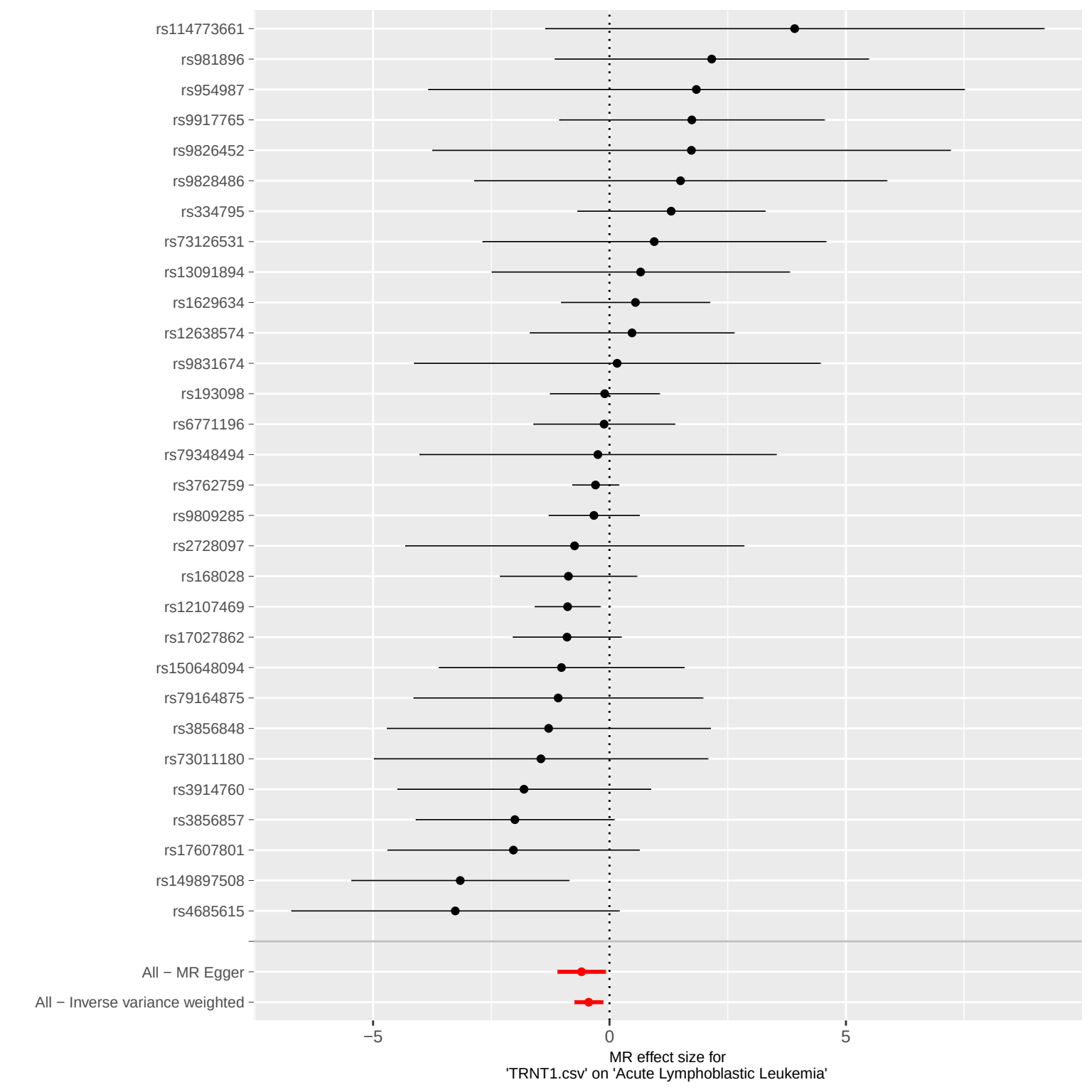
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'TRMT112.csv' on 'Acute Lymphoblastic Leukemia'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rs2728097
rs168028
rs12107469
rs17027862
rs150648094
rs79164875
rs3856848
rs73011180
rs3914760
rs3856857
rs17607801
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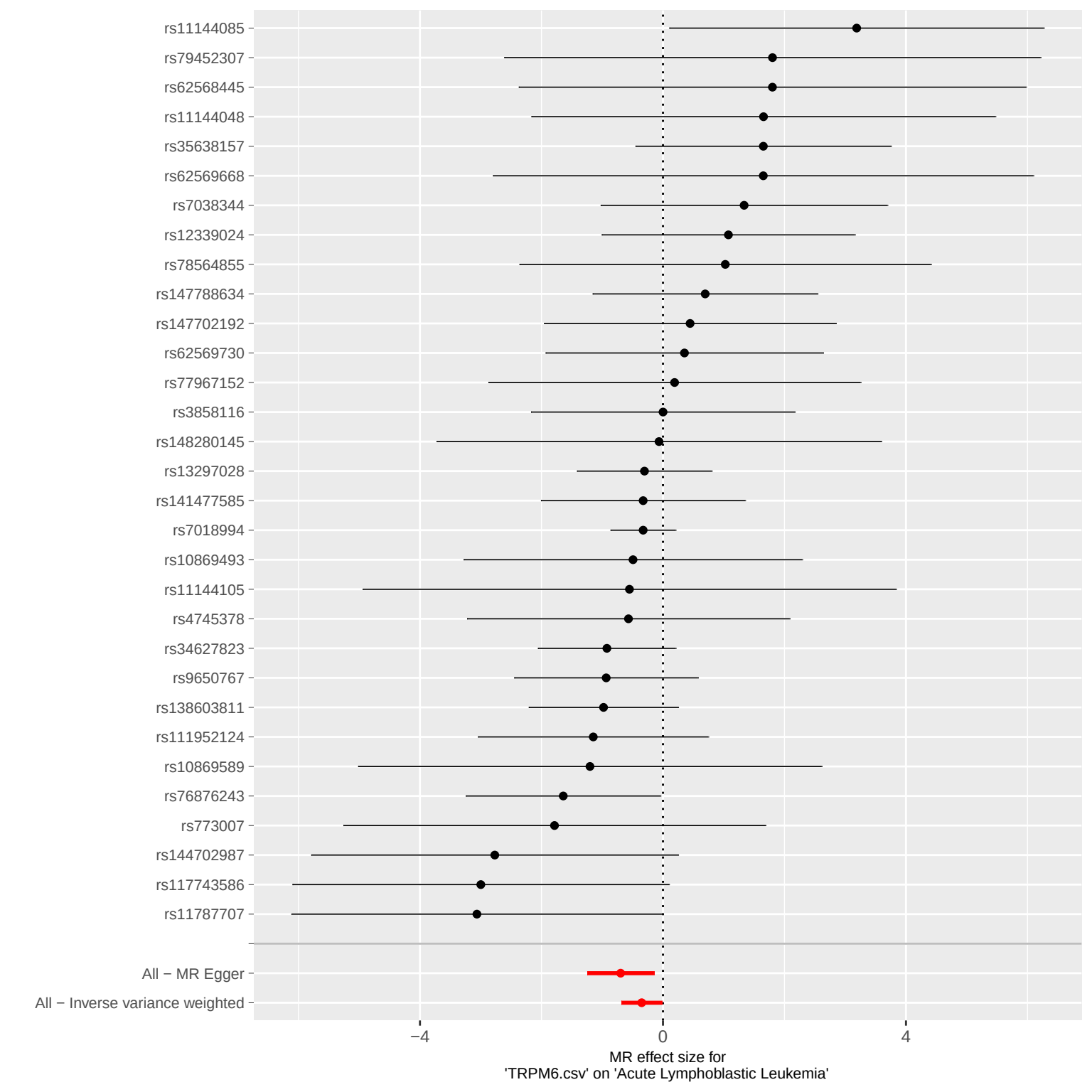
rs4685615
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TRNT1.csv' on 'Acute Lymphoblastic Leukemia'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rs34627823
rs9650767
rs138603811
rs111952124
rs10869589
rs76876243
rs773007
rs144702987
rs117743586
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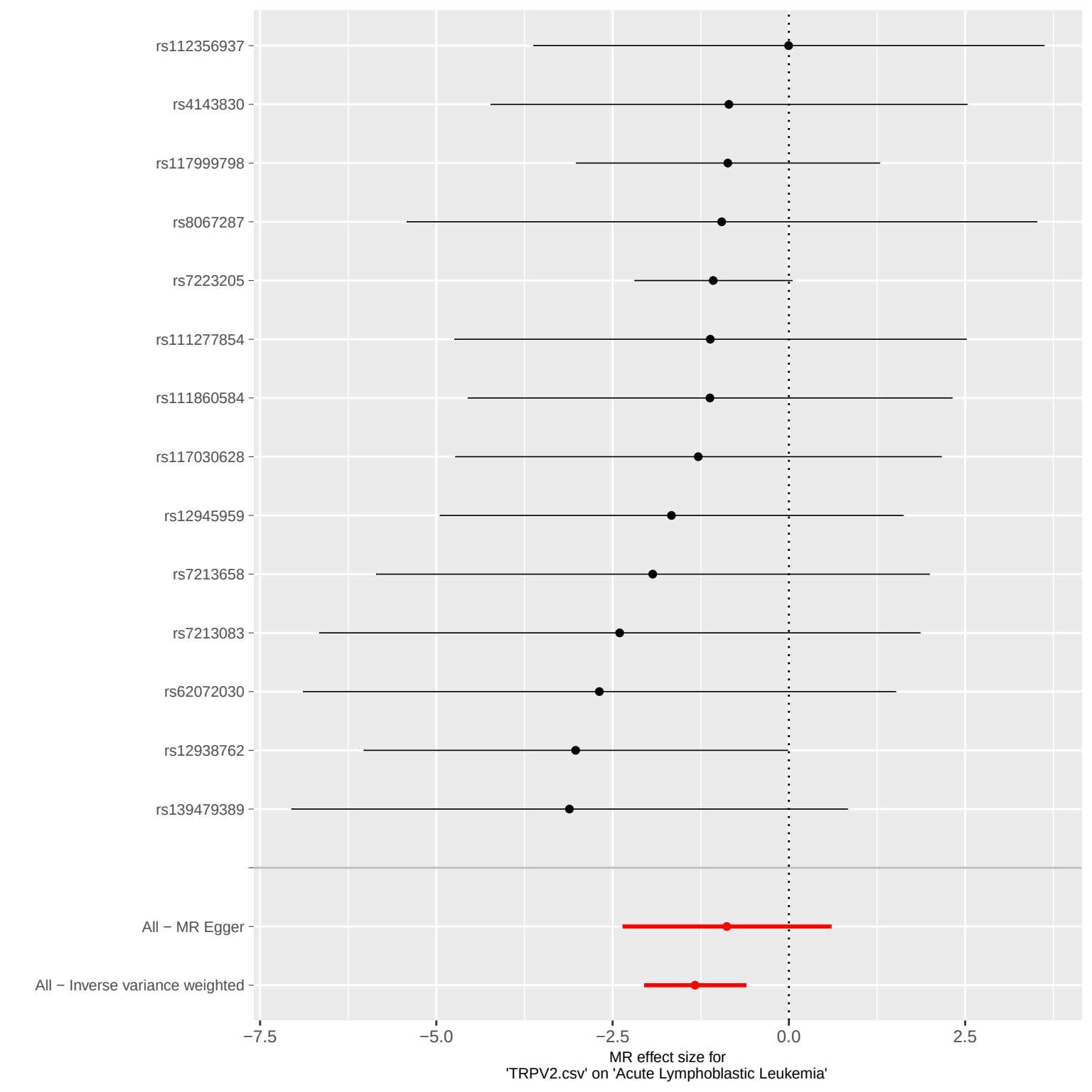
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TRPM6.csv' on 'Acute Lymphoblastic Leukemia'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rs7213083
rs62072030
rs12938762
rs139479389
All − MR Egger
All − Inverse variance weighted
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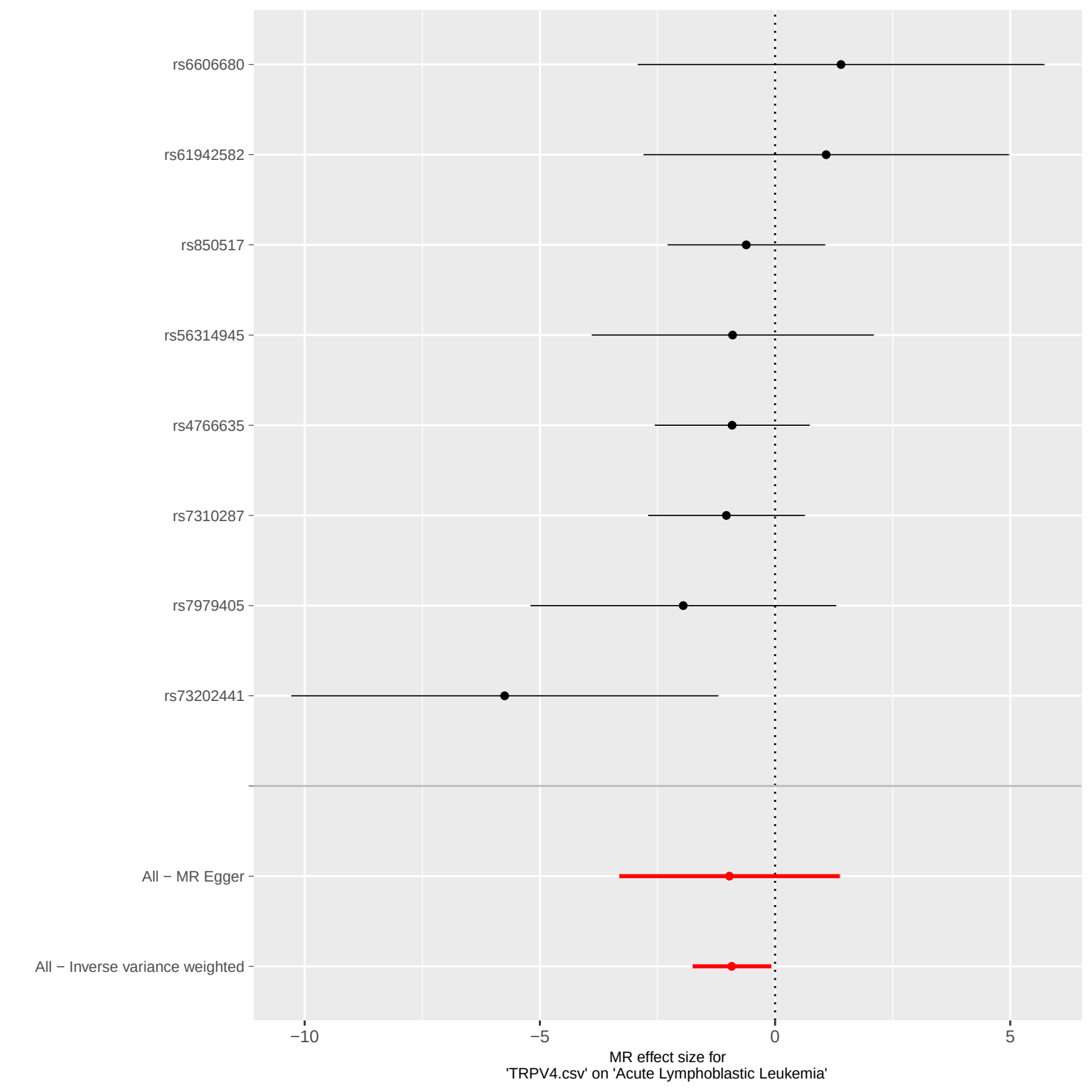
−5.0
−2.5
0.0
2.5
MR effect size for
'TRPV2.csv' on 'Acute Lymphoblastic Leukemia'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rs7310287
rs7979405
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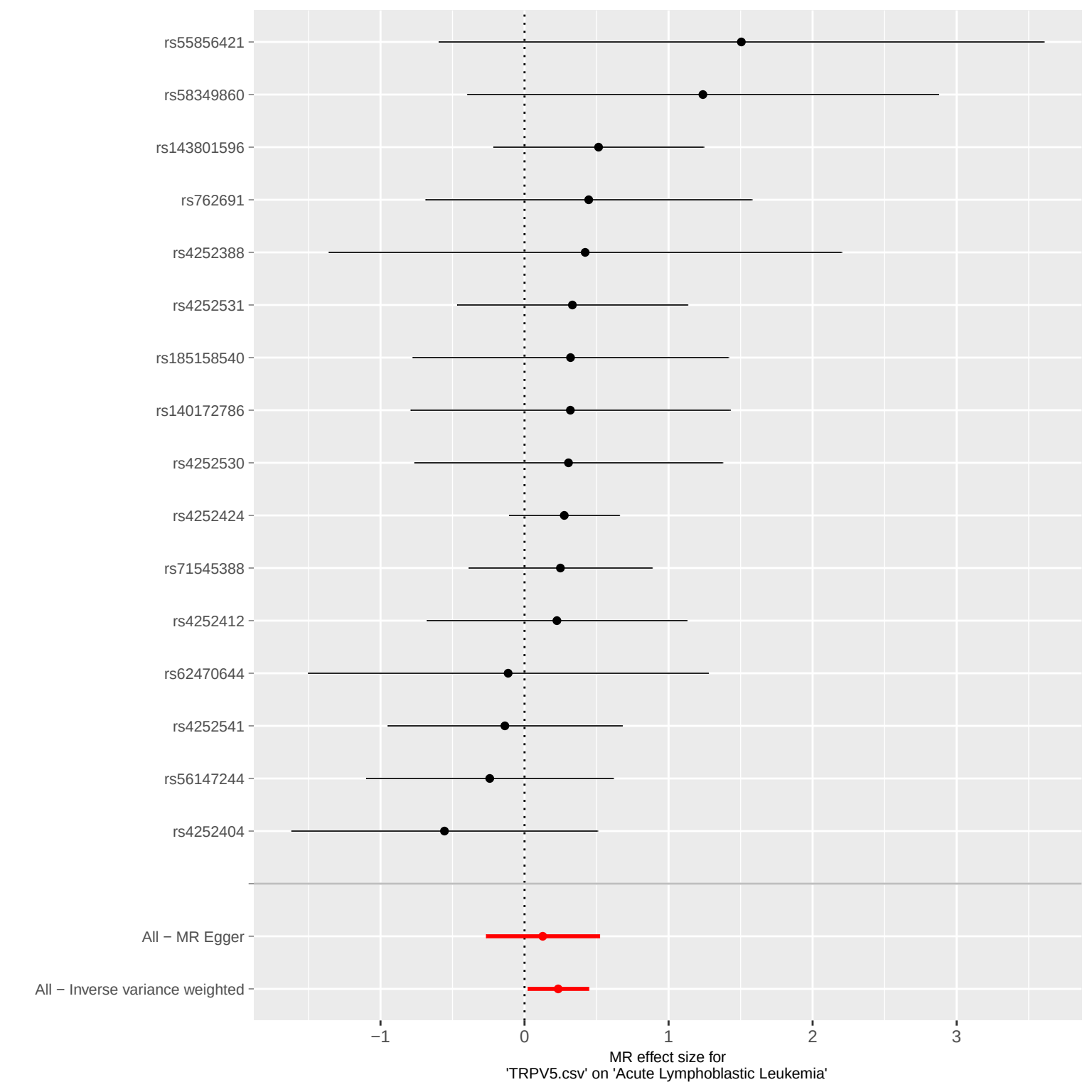
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TRPV4.csv' on 'Acute Lymphoblastic Leukemia'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rs185158540
rs140172786
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rs62470644
rs4252541
rs56147244
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All − MR Egger
All − Inverse variance weighted
−1
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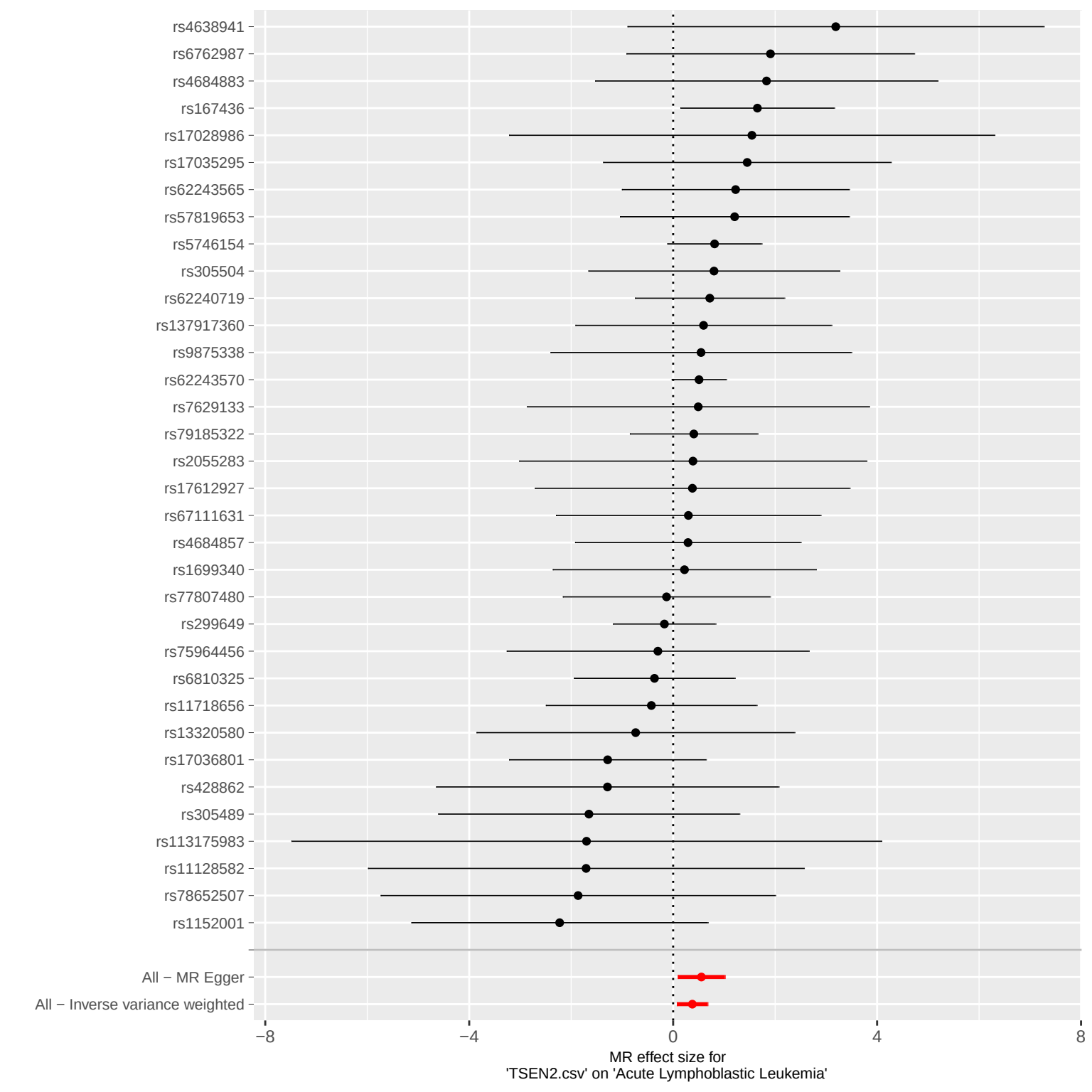
1
2
3
MR effect size for
'TRPV5.csv' on 'Acute Lymphoblastic Leukemia'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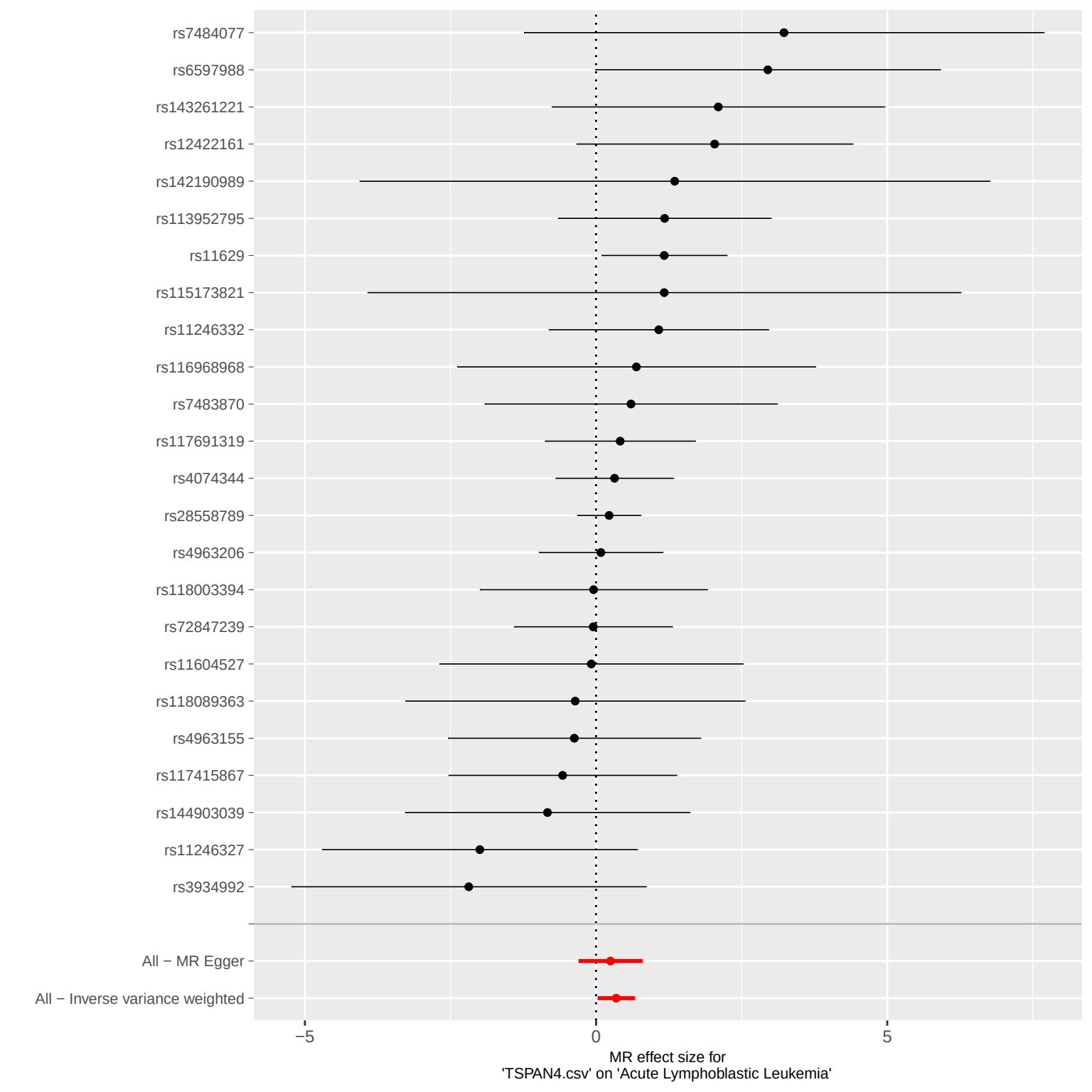
rs4684857
rs1699340
rs77807480
rs299649
rs75964456
rs6810325
rs11718656
rs13320580
rs17036801
rs428862
rs305489
rs113175983
rs11128582
rs78652507
rs1152001
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'TSEN2.csv' on 'Acute Lymphoblastic Leukemia'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rs11604527
rs118089363
rs4963155
rs117415867
rs144903039
rs11246327
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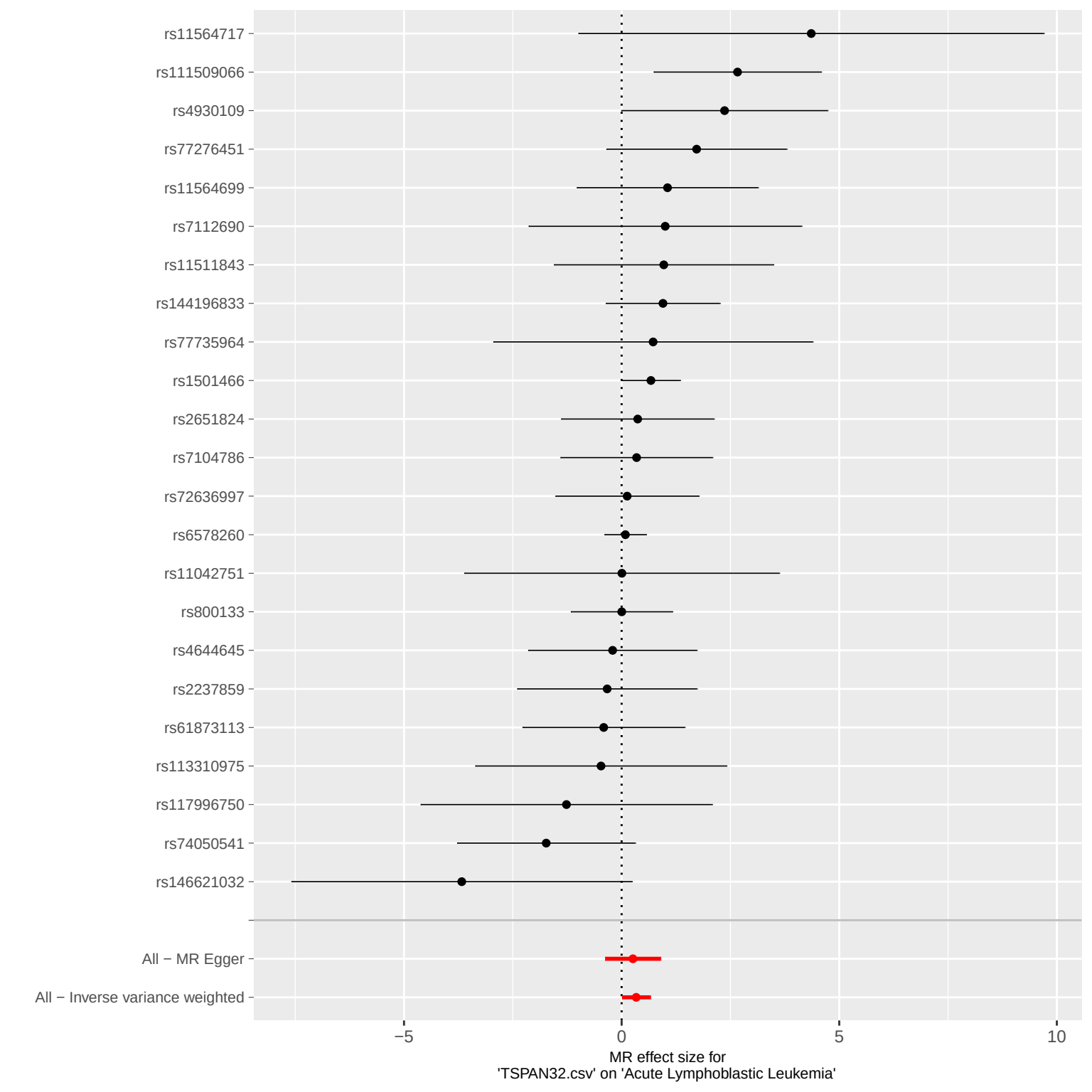
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TSPAN4.csv' on 'Acute Lymphoblastic Leukemia'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rs2237859
rs61873113
rs113310975
rs117996750
rs74050541
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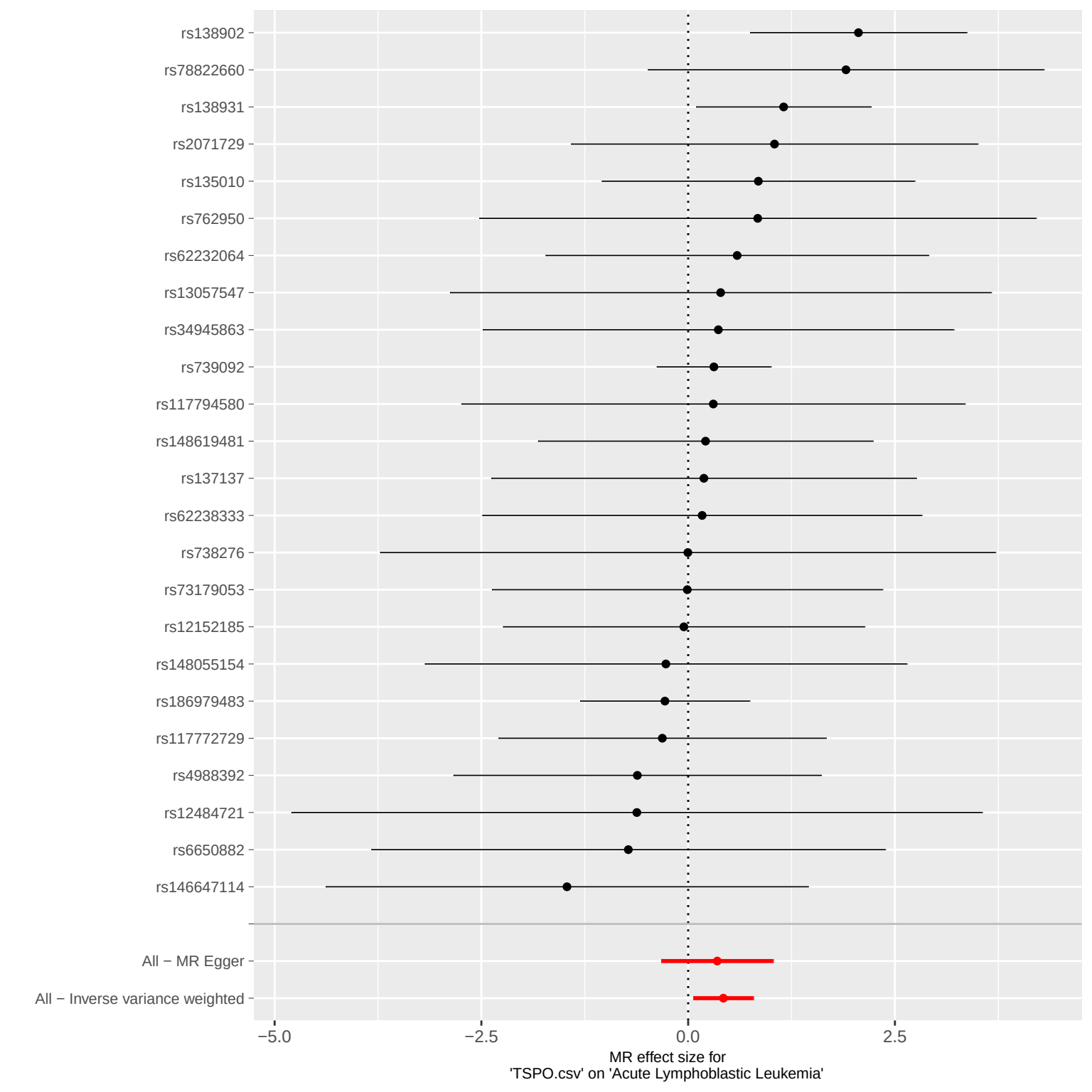
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TSPAN32.csv' on 'Acute Lymphoblastic Leukemia'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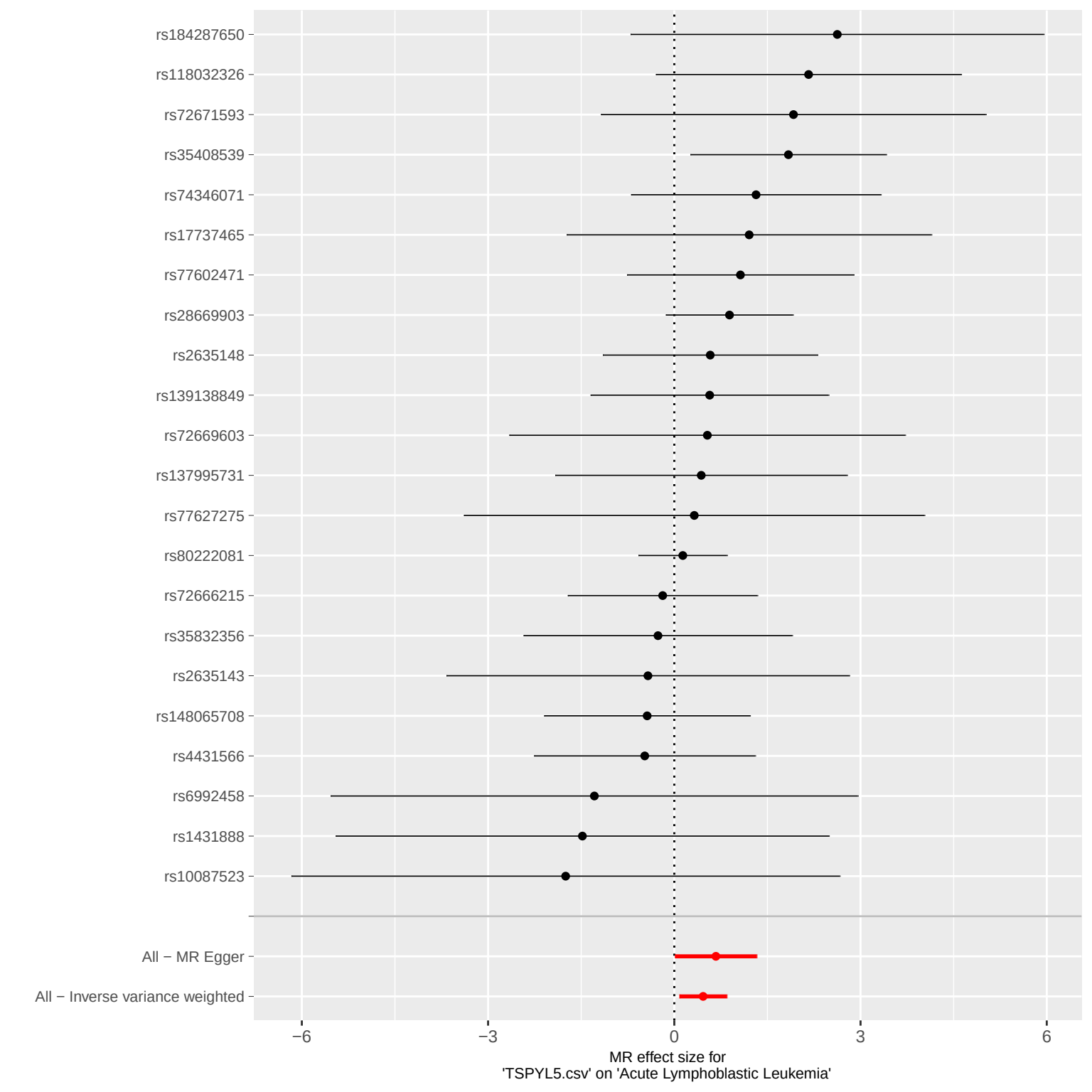
rs73179053
rs12152185
rs148055154
rs186979483
rs117772729
rs4988392
rs12484721
rs6650882
rs146647114
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TSPO.csv' on 'Acute Lymphoblastic Leukemia'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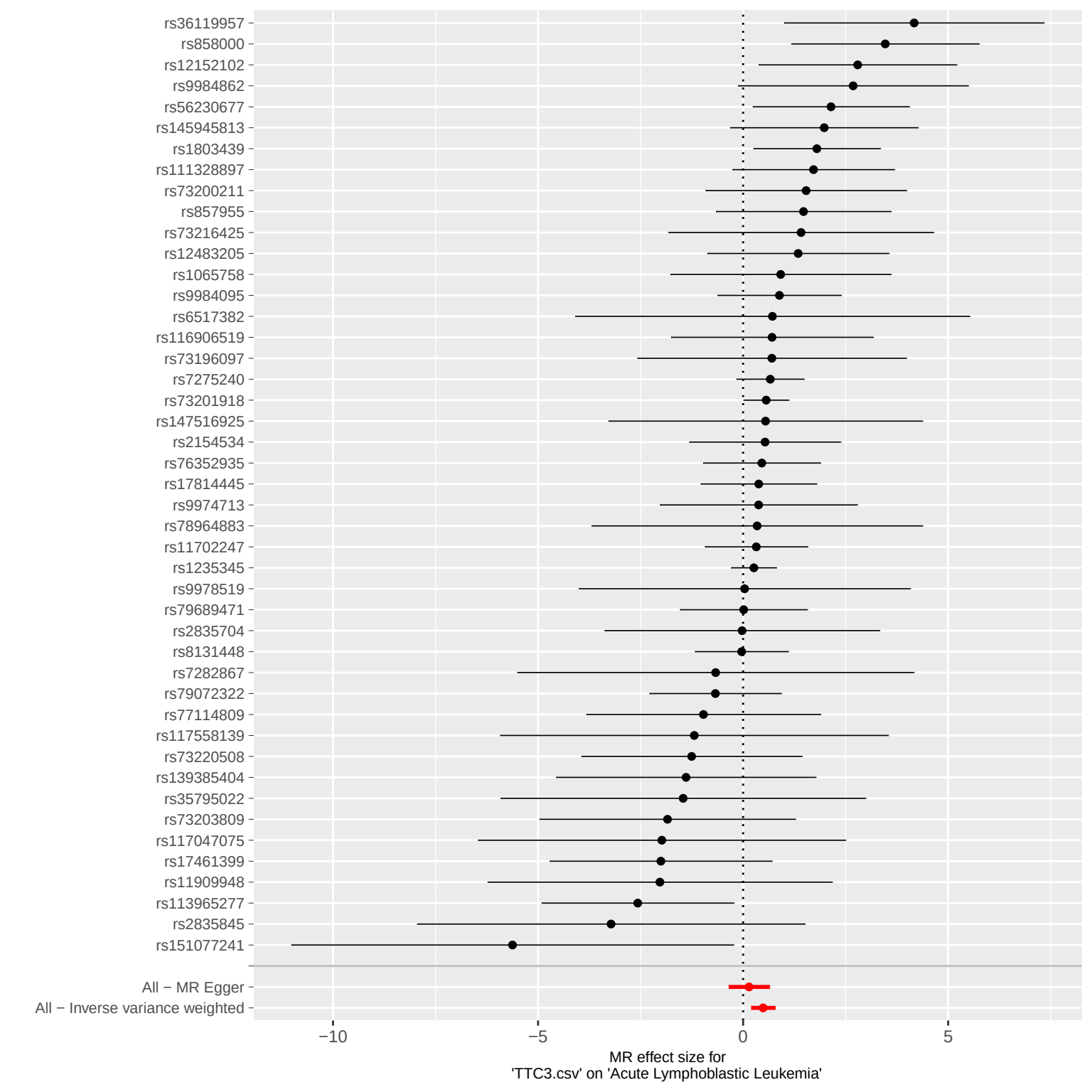
rs77627275
rs80222081
rs72666215
rs35832356
rs2635143
rs148065708
rs4431566
rs6992458
rs1431888
rs10087523
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TSPYL5.csv' on 'Acute Lymphoblastic Leukemia'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rs17461399
rs11909948
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rs2835845
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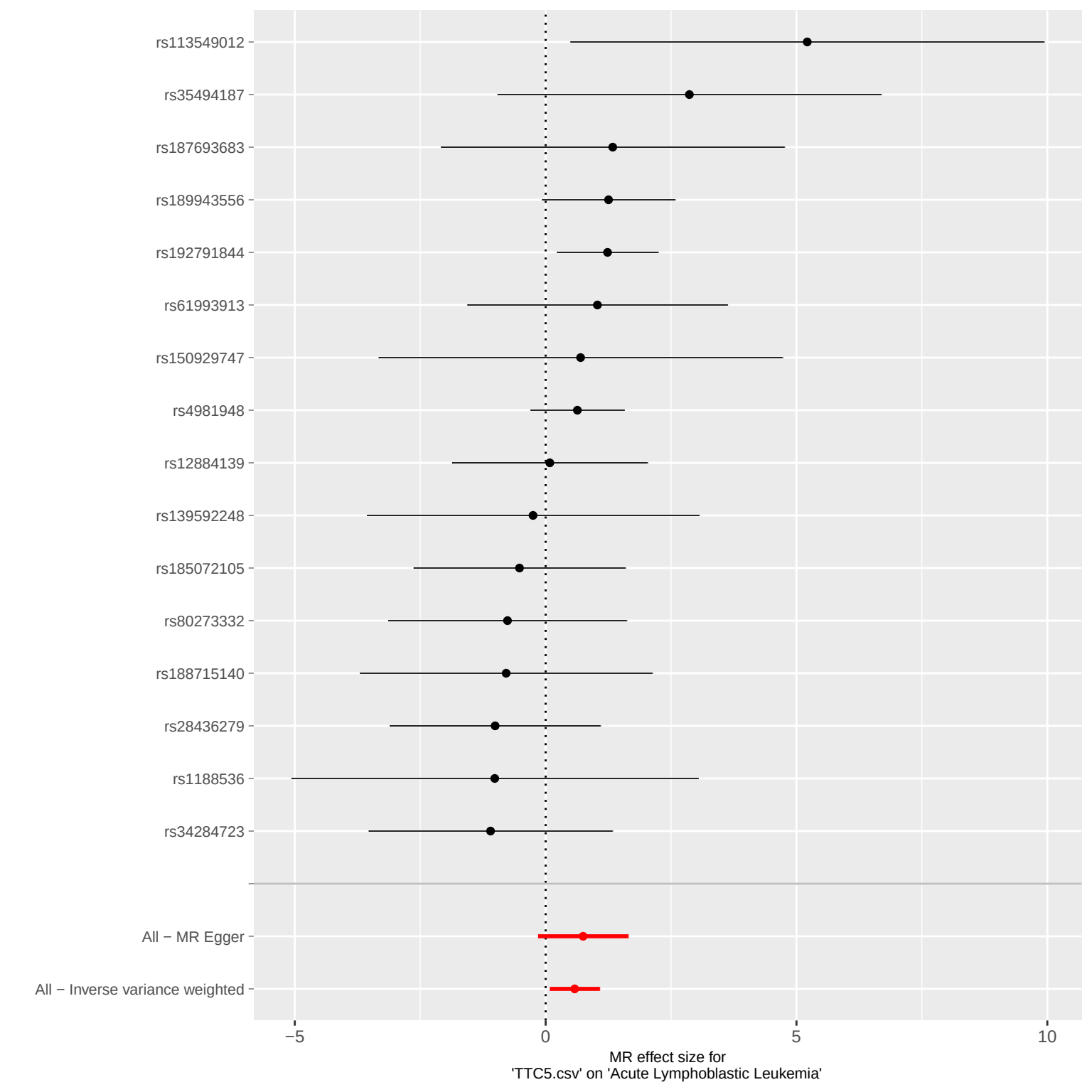
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TTC3.csv' on 'Acute Lymphoblastic Leukemia'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rs185072105
rs80273332
rs188715140
rs28436279
rs1188536
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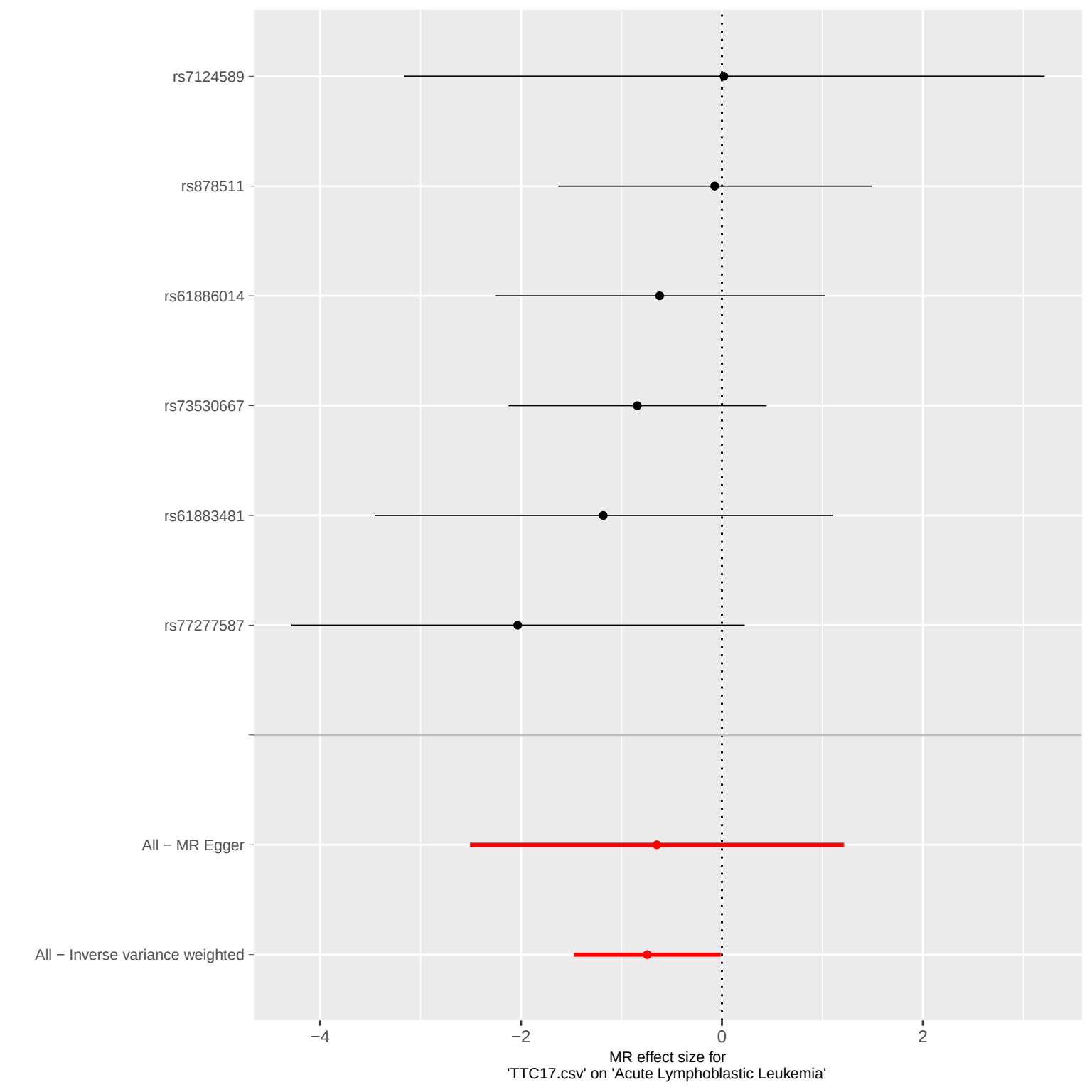
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TTC5.csv' on 'Acute Lymphoblastic Leukemia'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rs878511
rs61886014
rs73530667
rs61883481
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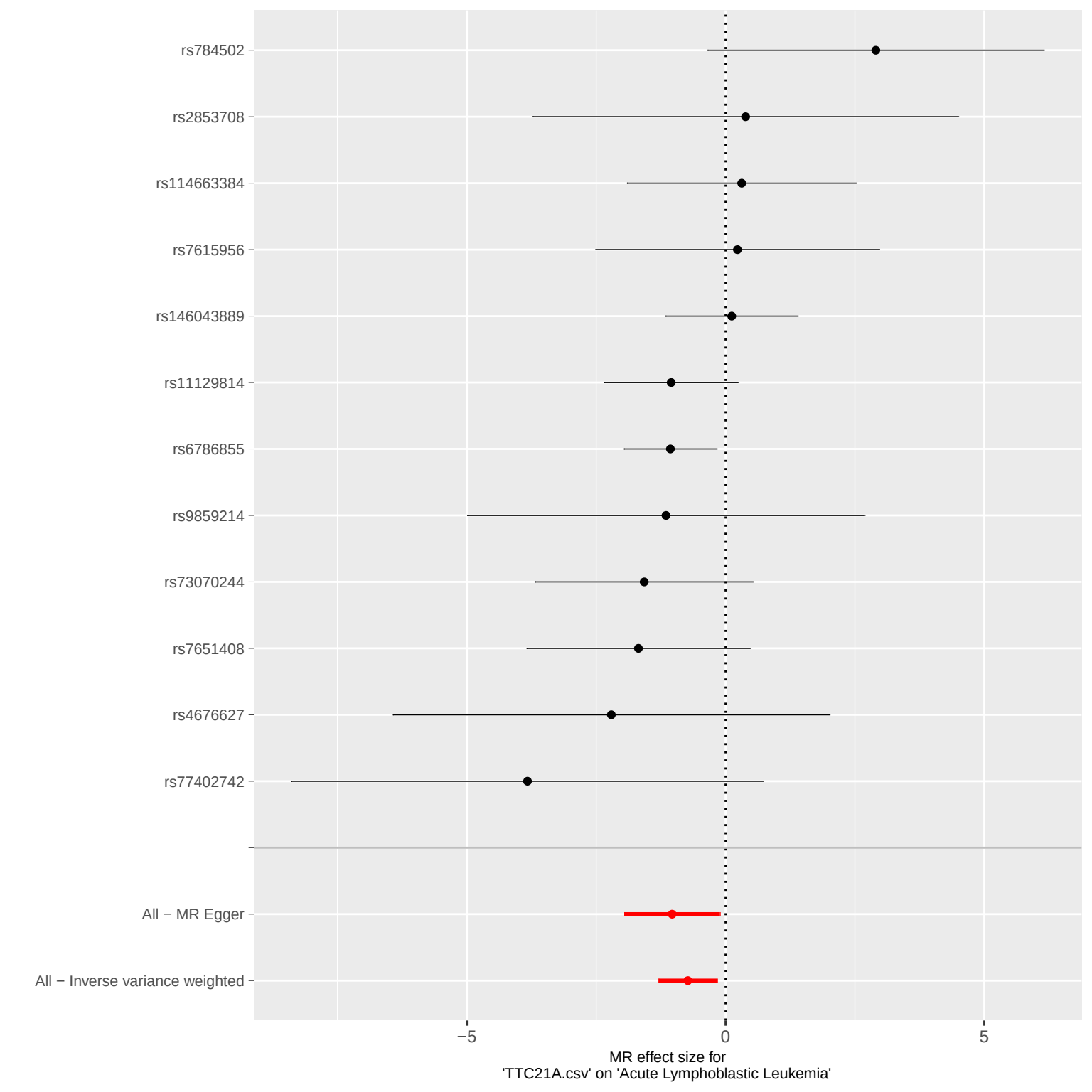
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TTC17.csv' on 'Acute Lymphoblastic Leukemia'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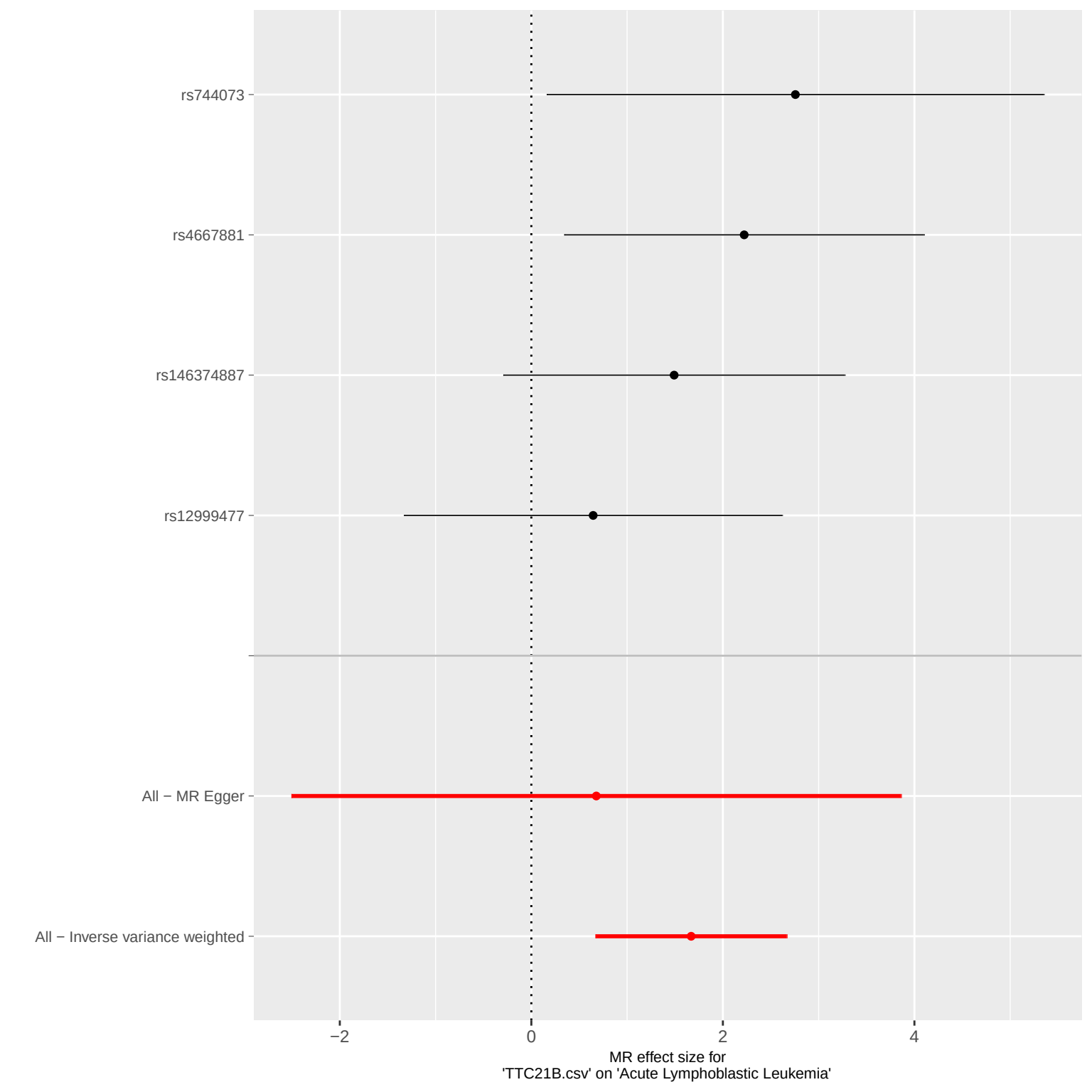
rs6786855
rs9859214
rs73070244
rs7651408
rs4676627
rs77402742
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TTC21A.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
−2
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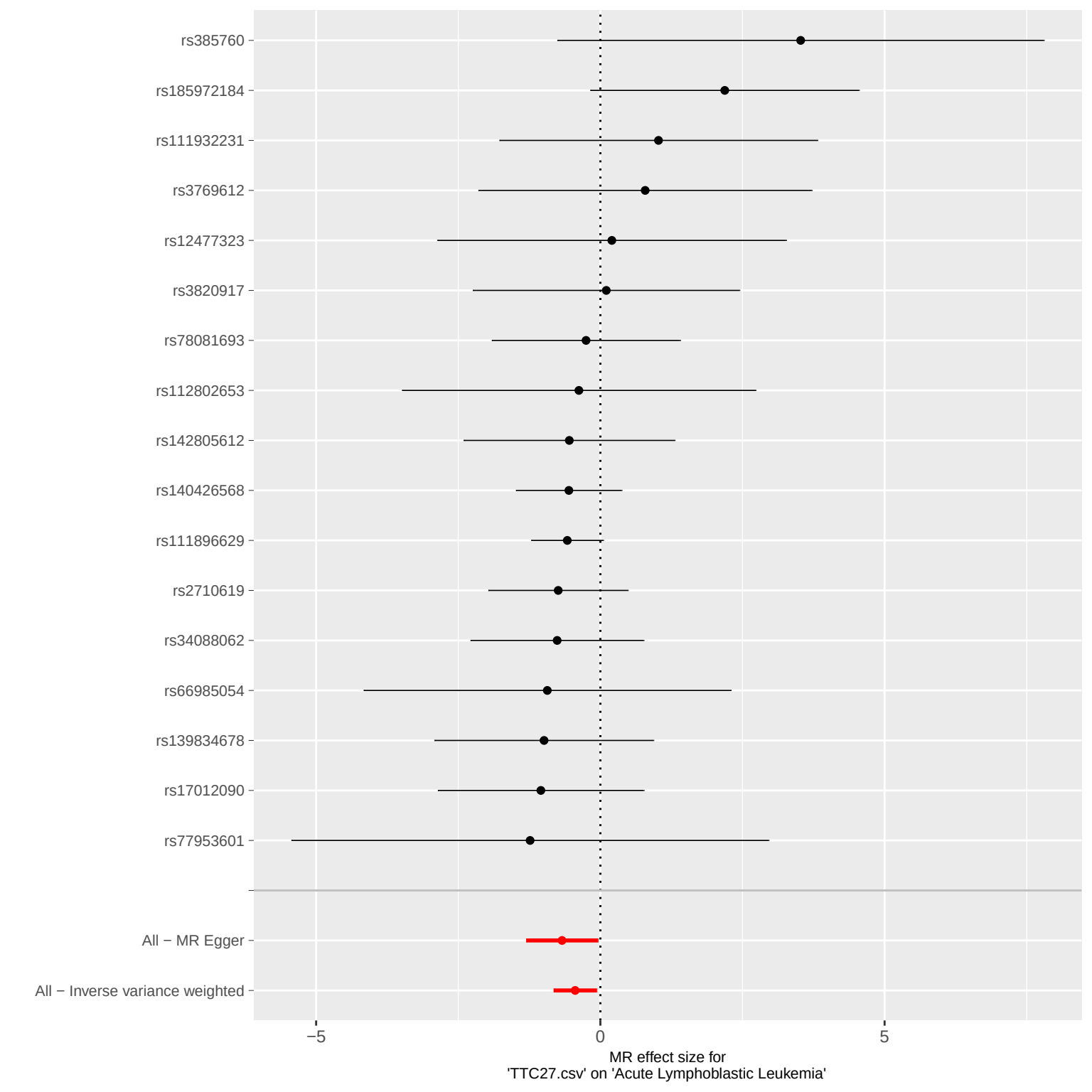
2
4
MR effect size for
'TTC21B.csv' on 'Acute Lymphoblastic Leukemia'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rs111896629
rs2710619
rs34088062
rs66985054
rs139834678
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All − MR Egger
All − Inverse variance weighted
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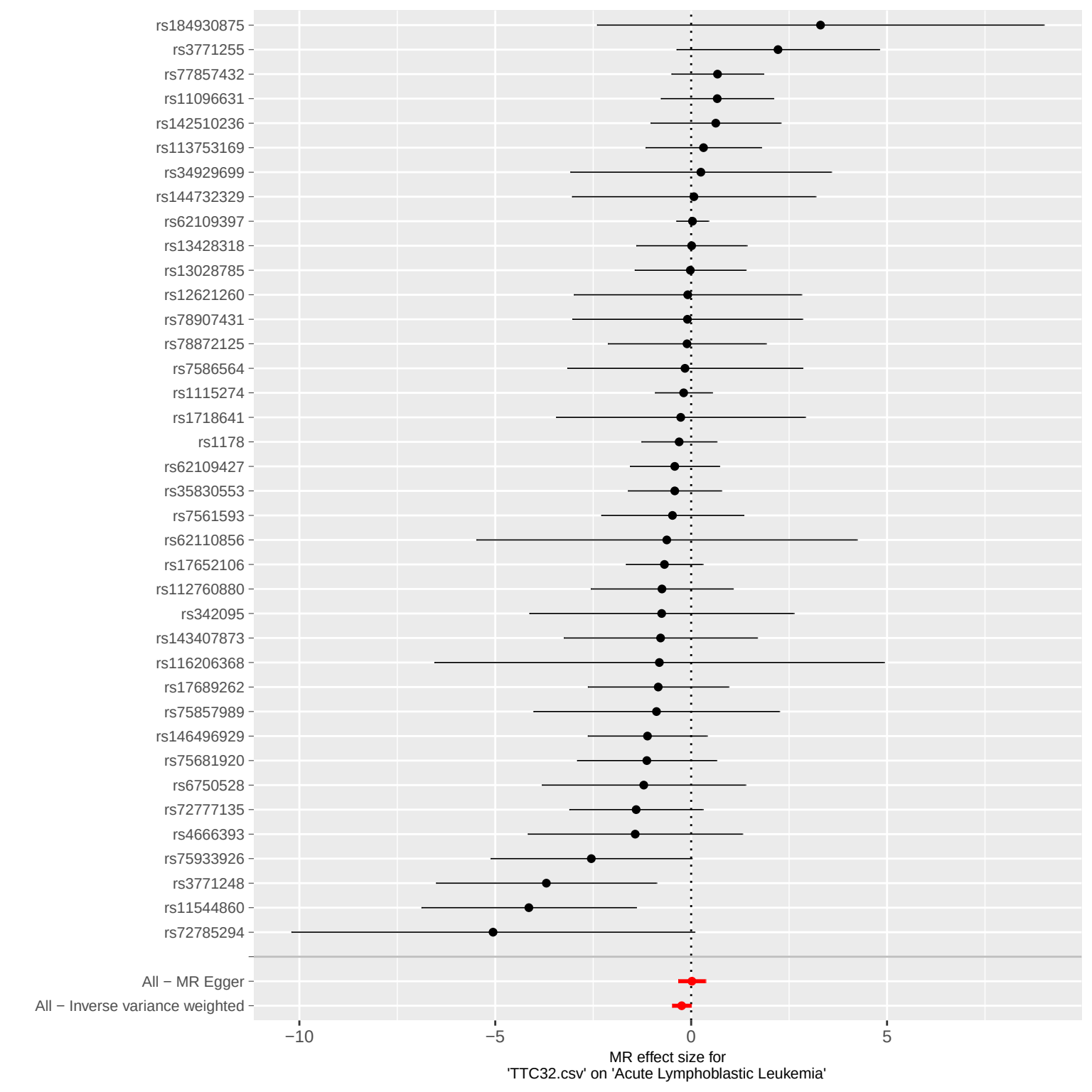
5
MR effect size for
'TTC27.csv' on 'Acute Lymphoblastic Leukemia'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rs75681920
rs6750528
rs72777135
rs4666393
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All − MR Egger
All − Inverse variance weighted
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−5
0
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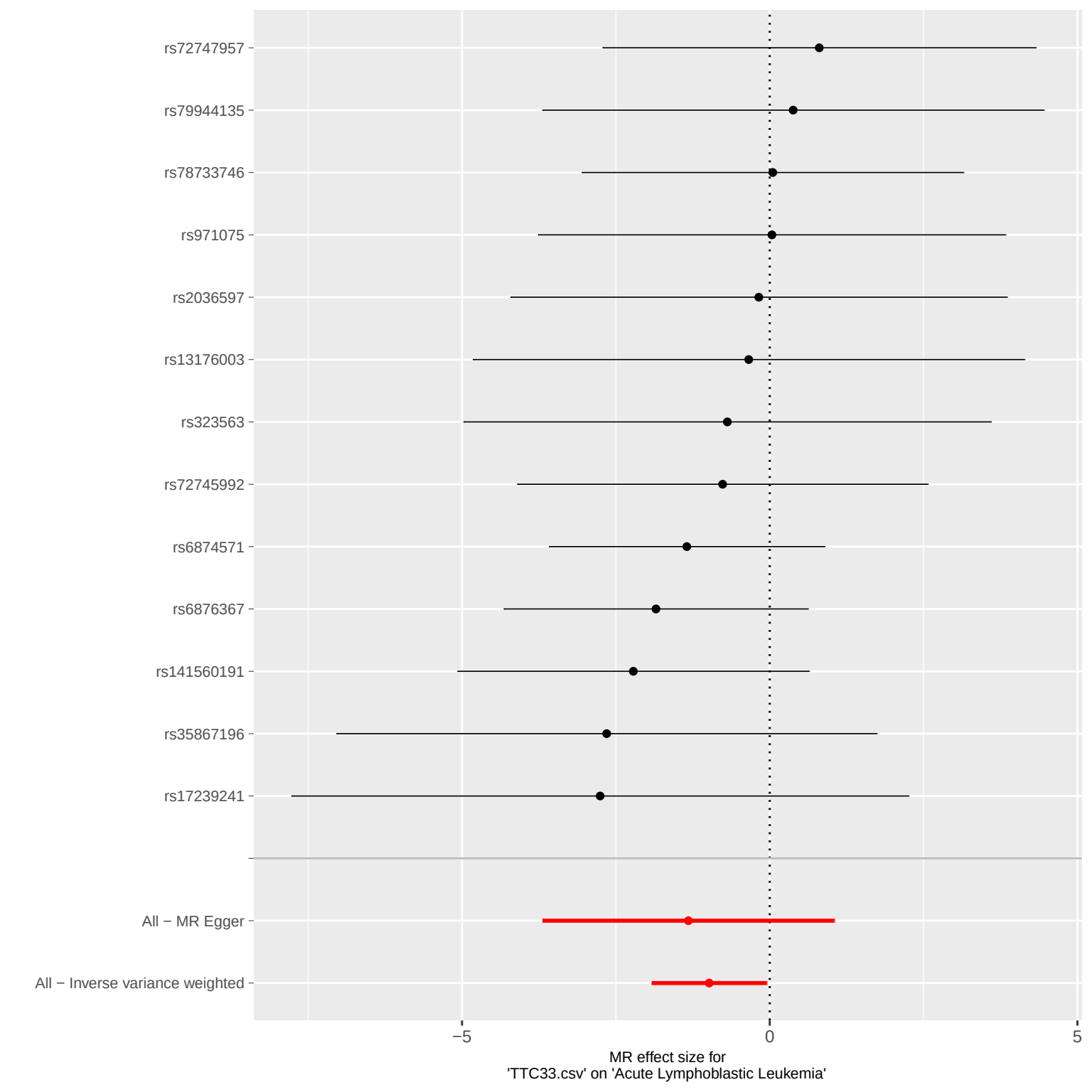
MR effect size for
'TTC32.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
0
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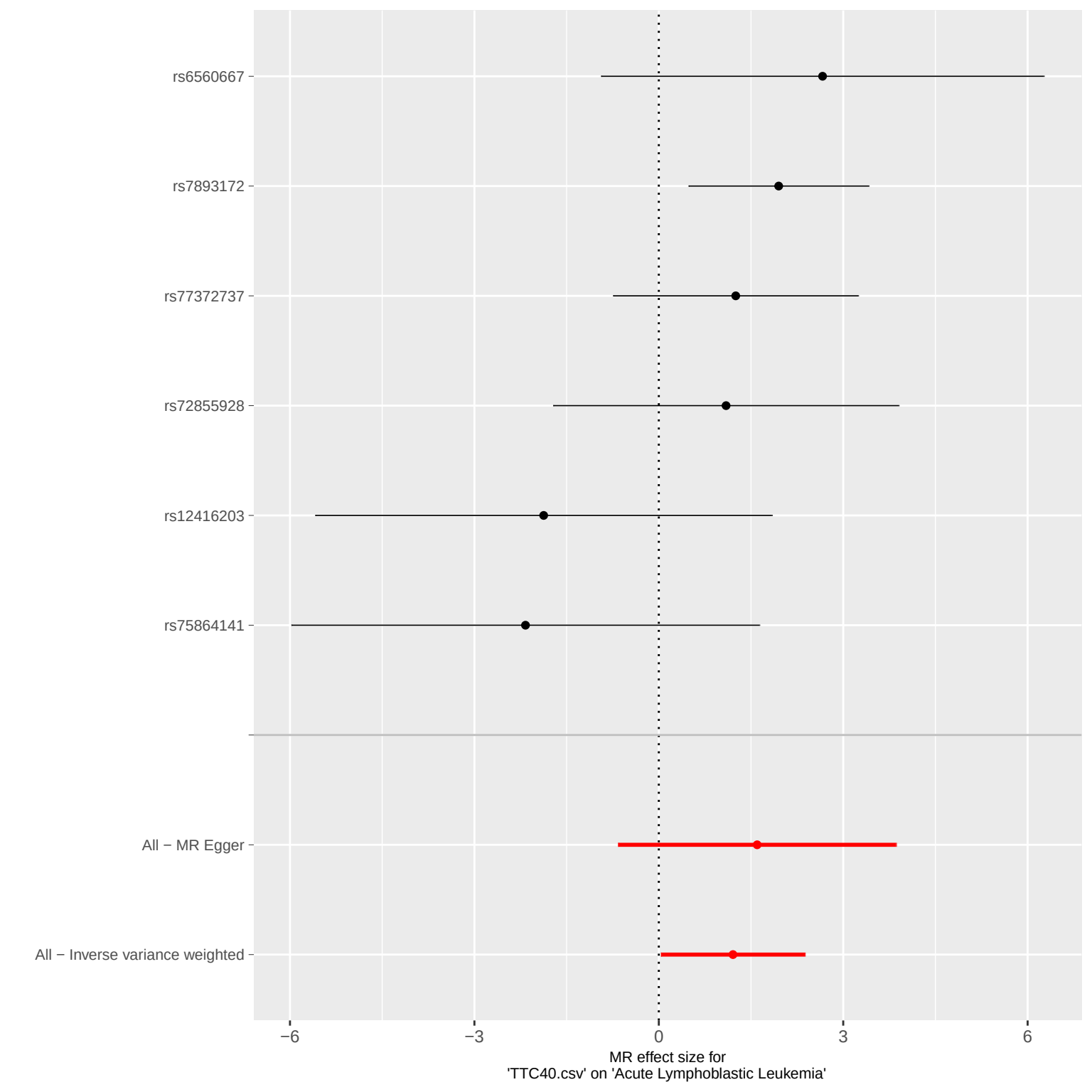
MR effect size for
'TTC33.csv' on 'Acute Lymphoblastic Leukemia'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rs12416203
rs75864141
All − MR Egger
All − Inverse variance weighted
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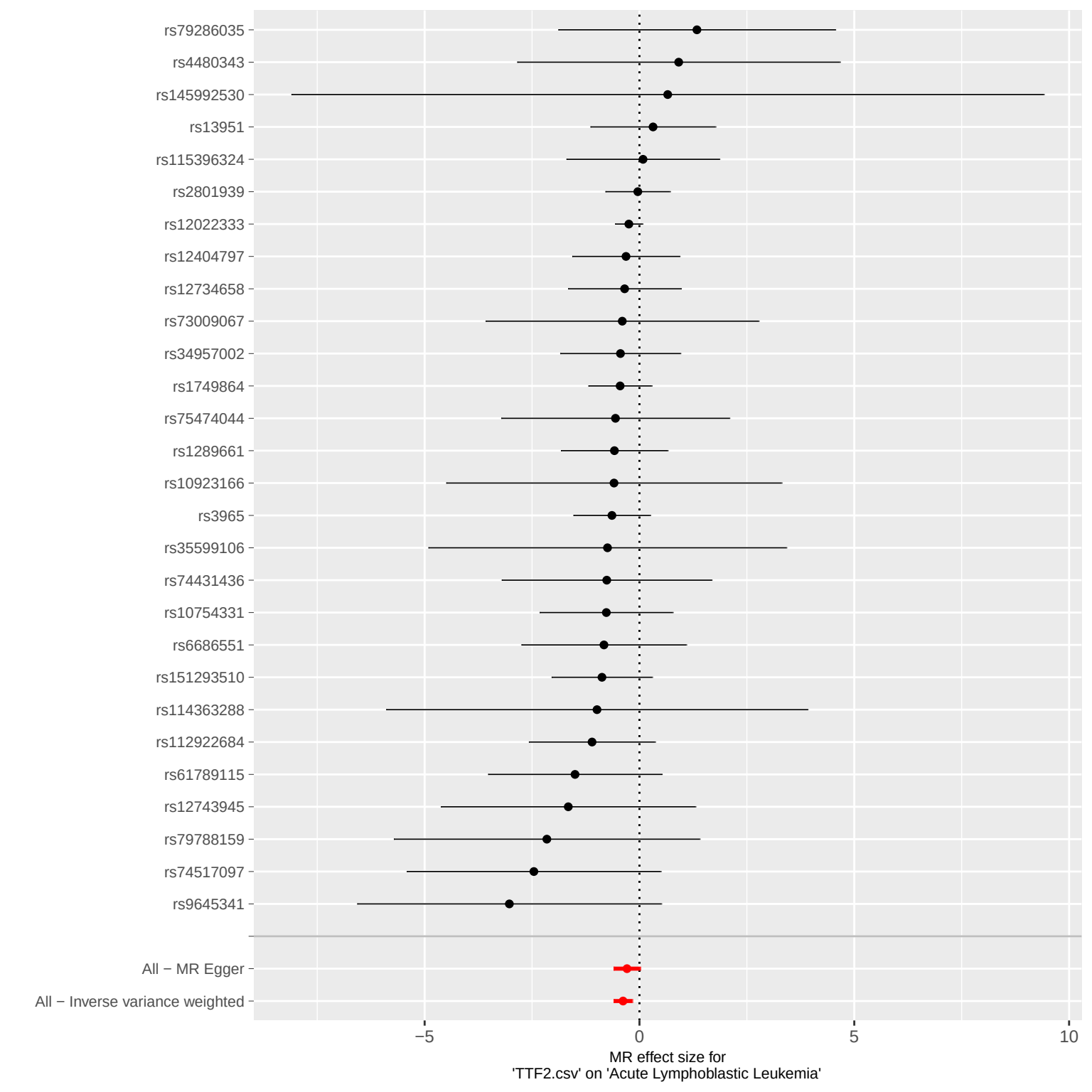
−3
0
3
6
MR effect size for
'TTC40.csv' on 'Acute Lymphoblastic Leukemia'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rs112922684
rs61789115
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rs79788159
rs74517097
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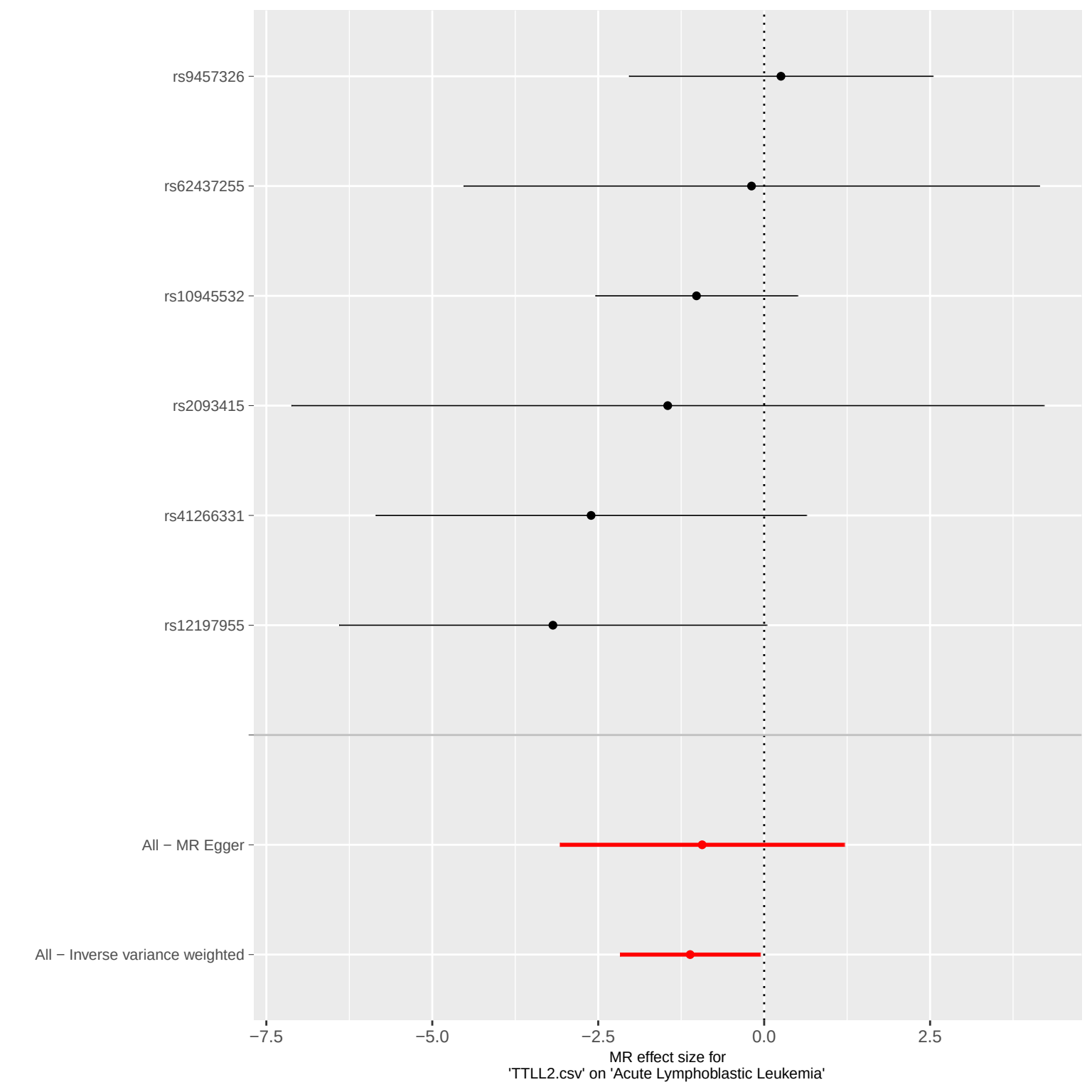
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TTF2.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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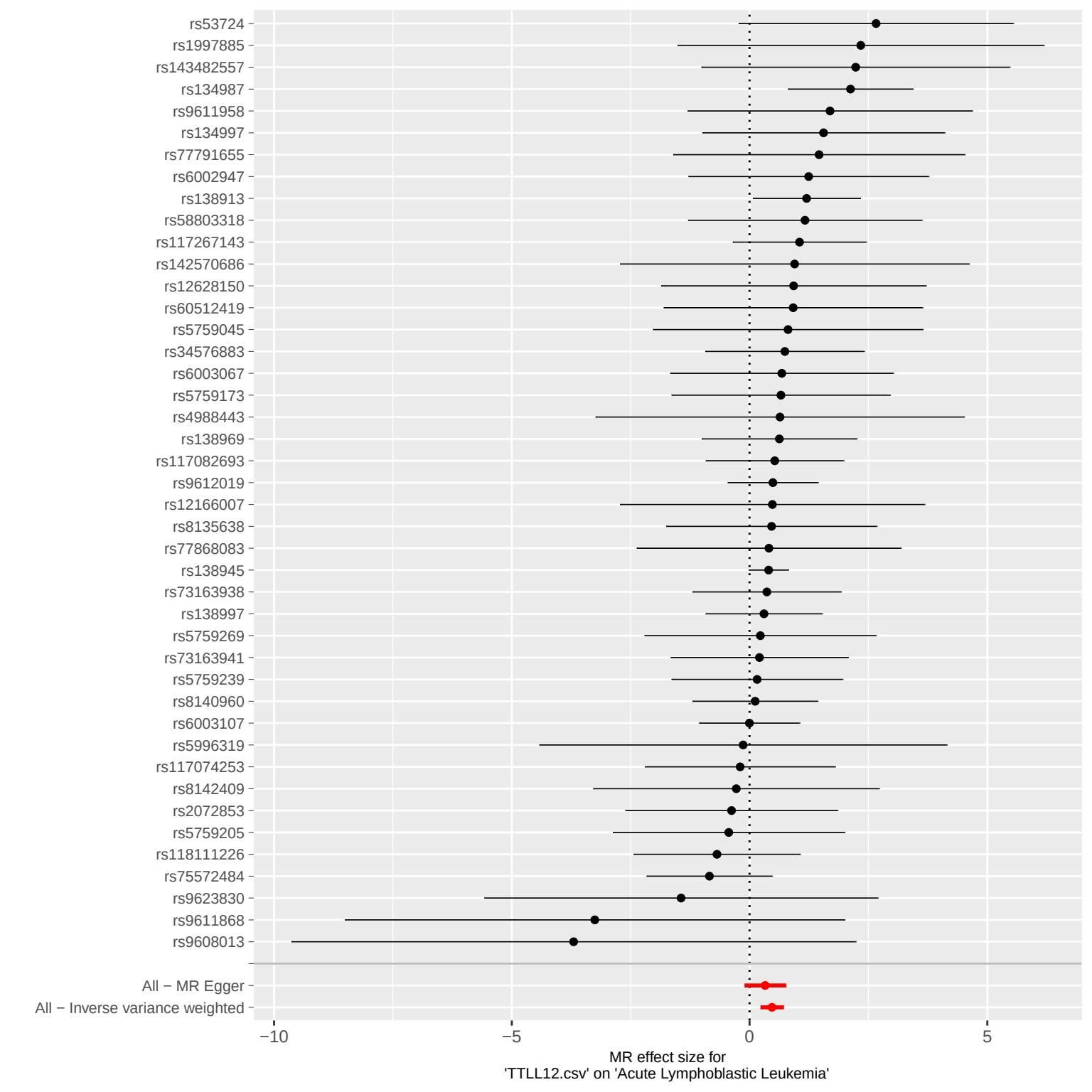
−5.0
−2.5
0.0
2.5
MR effect size for
'TTLL2.csv' on 'Acute Lymphoblastic Leukemia'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rs5996319
rs117074253
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rs2072853
rs5759205
rs118111226
rs75572484
rs9623830
rs9611868
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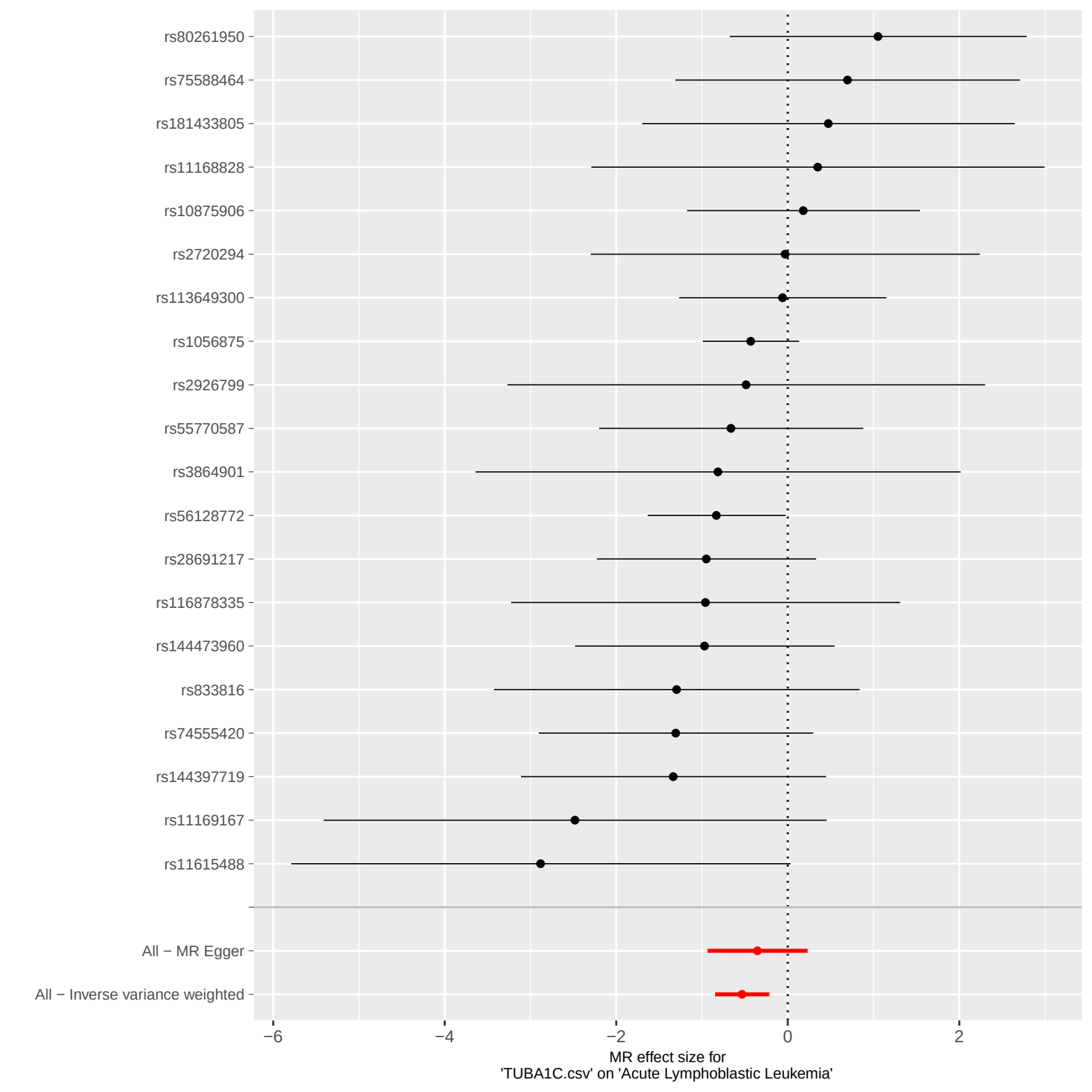
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TTLL12.csv' on 'Acute Lymphoblastic Leukemia'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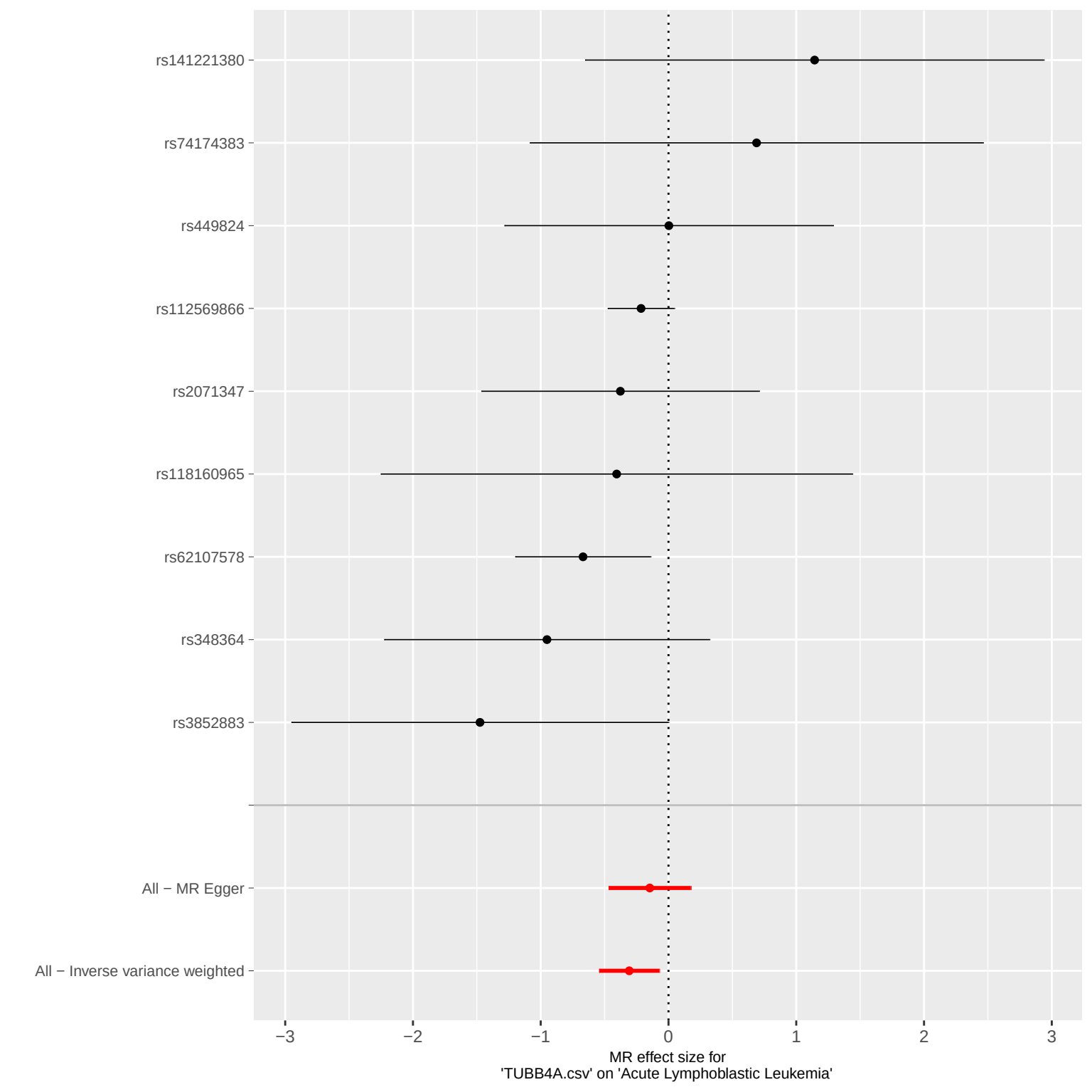
rs56128772
rs28691217
rs116878335
rs144473960
rs833816
rs74555420
rs144397719
rs11169167
rs11615488
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'TUBA1C.csv' on 'Acute Lymphoblastic Leukemia'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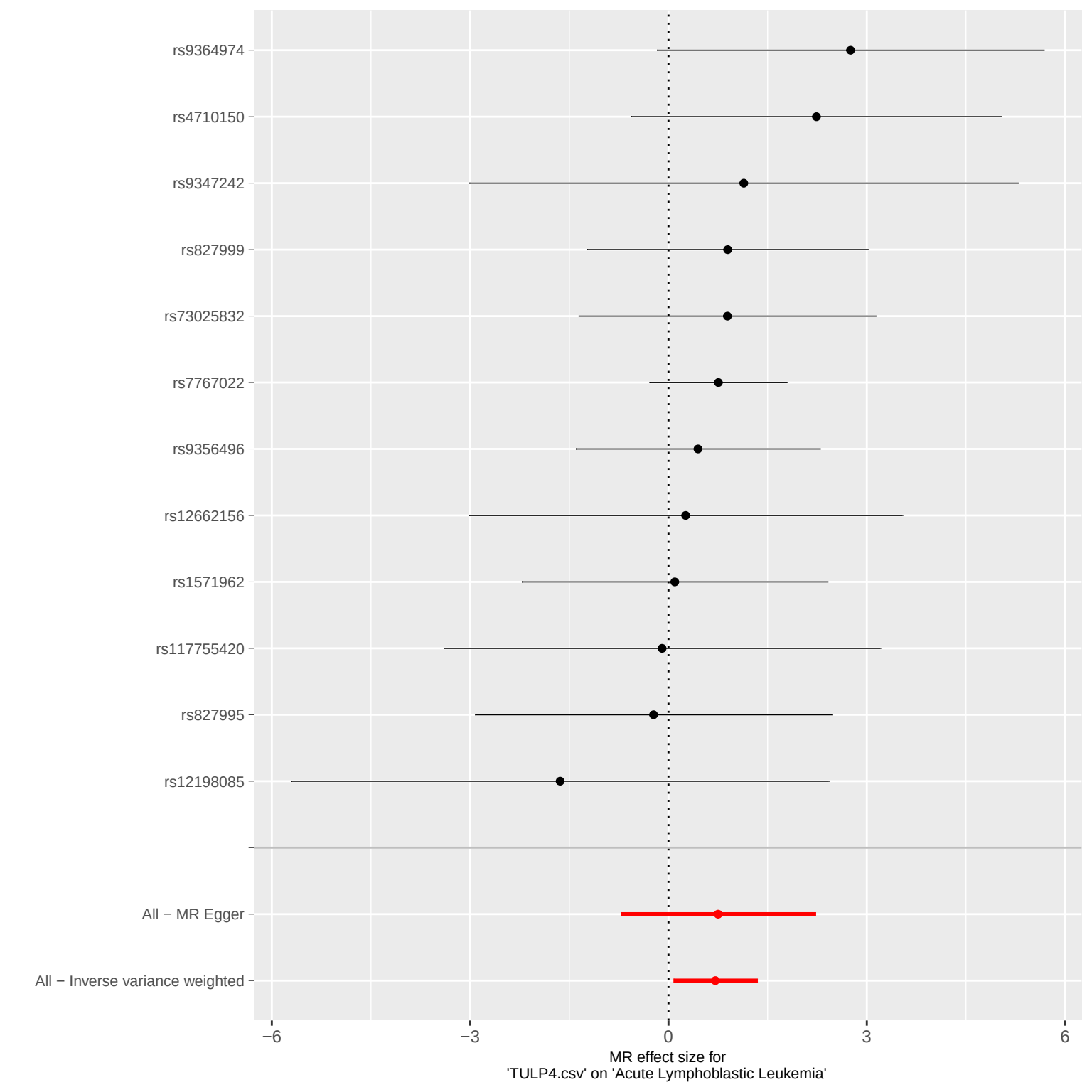
rs449824
rs112569866
rs2071347
rs118160965
rs62107578
rs348364
rs3852883
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'TUBB4A.csv' on 'Acute Lymphoblastic Leukemia'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rs9347242
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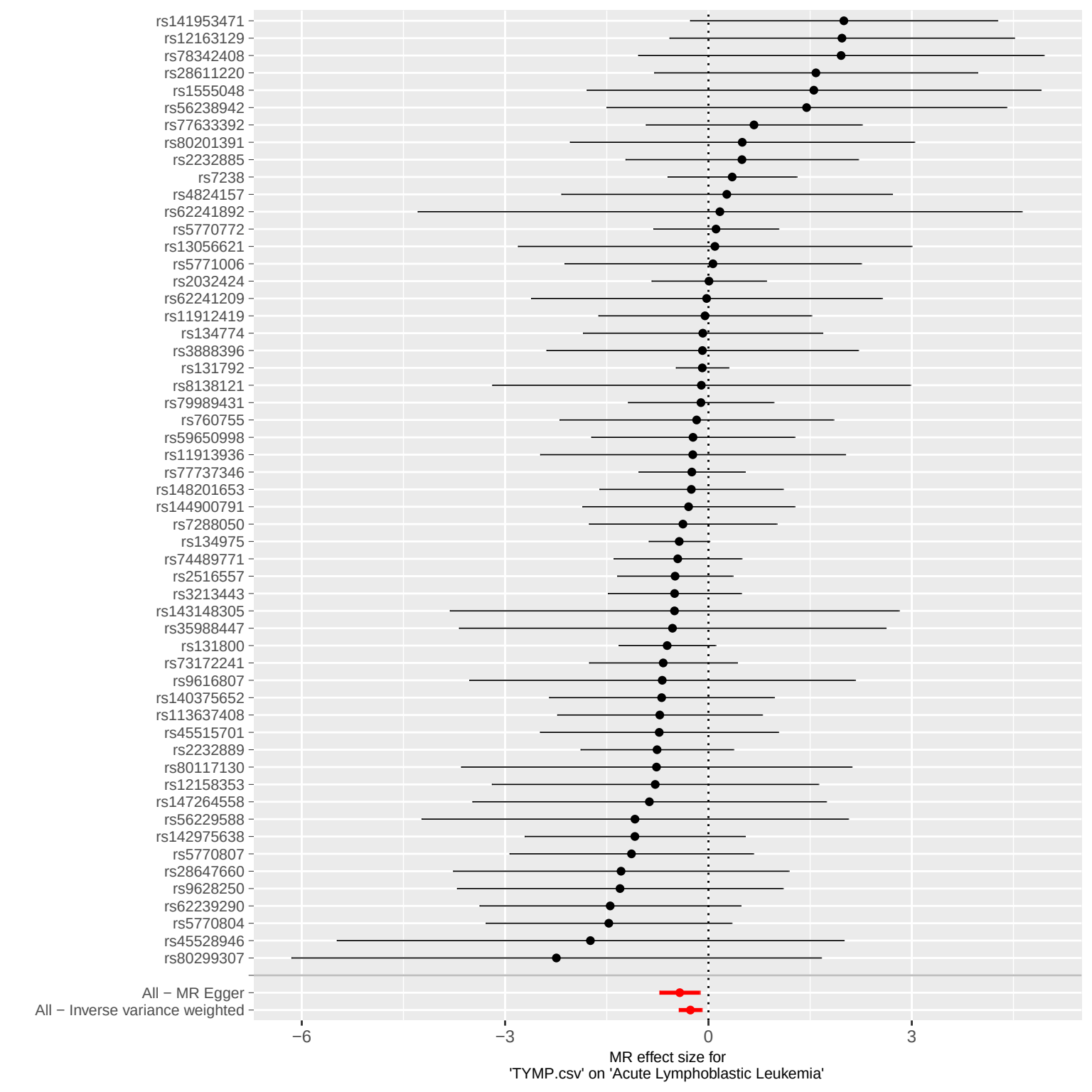
rs73025832
rs7767022
rs9356496
rs12662156
rs1571962
rs117755420
rs827995
rs12198085
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TULP4.csv' on 'Acute Lymphoblastic Leukemia'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rs74489771
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rs131800
rs73172241
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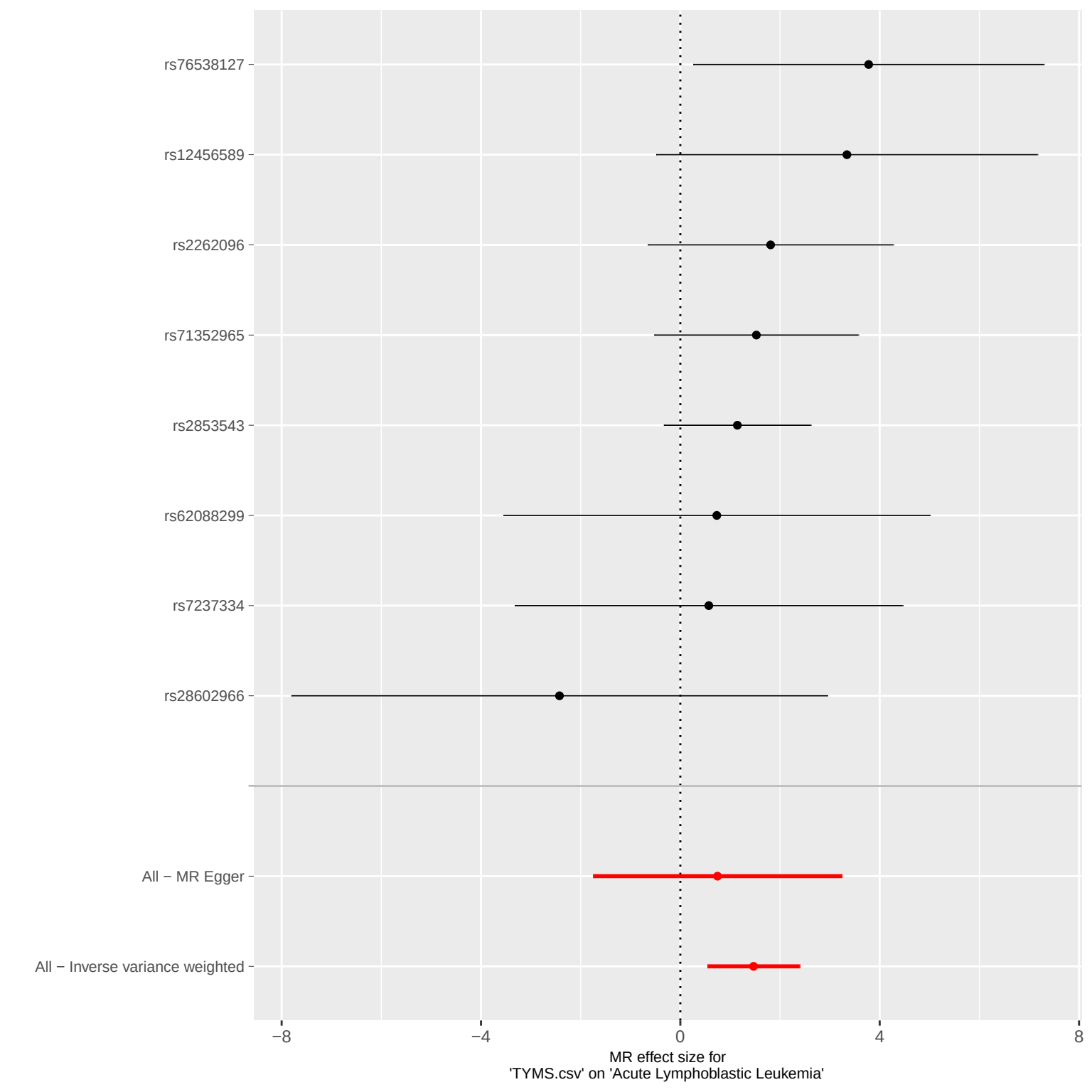
rs45515701
rs2232889
rs80117130
rs12158353
rs147264558
rs56229588
rs142975638
rs5770807
rs28647660
rs9628250
rs62239290
rs5770804
rs45528946
rs80299307
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'TYMP.csv' on 'Acute Lymphoblastic Leukemia'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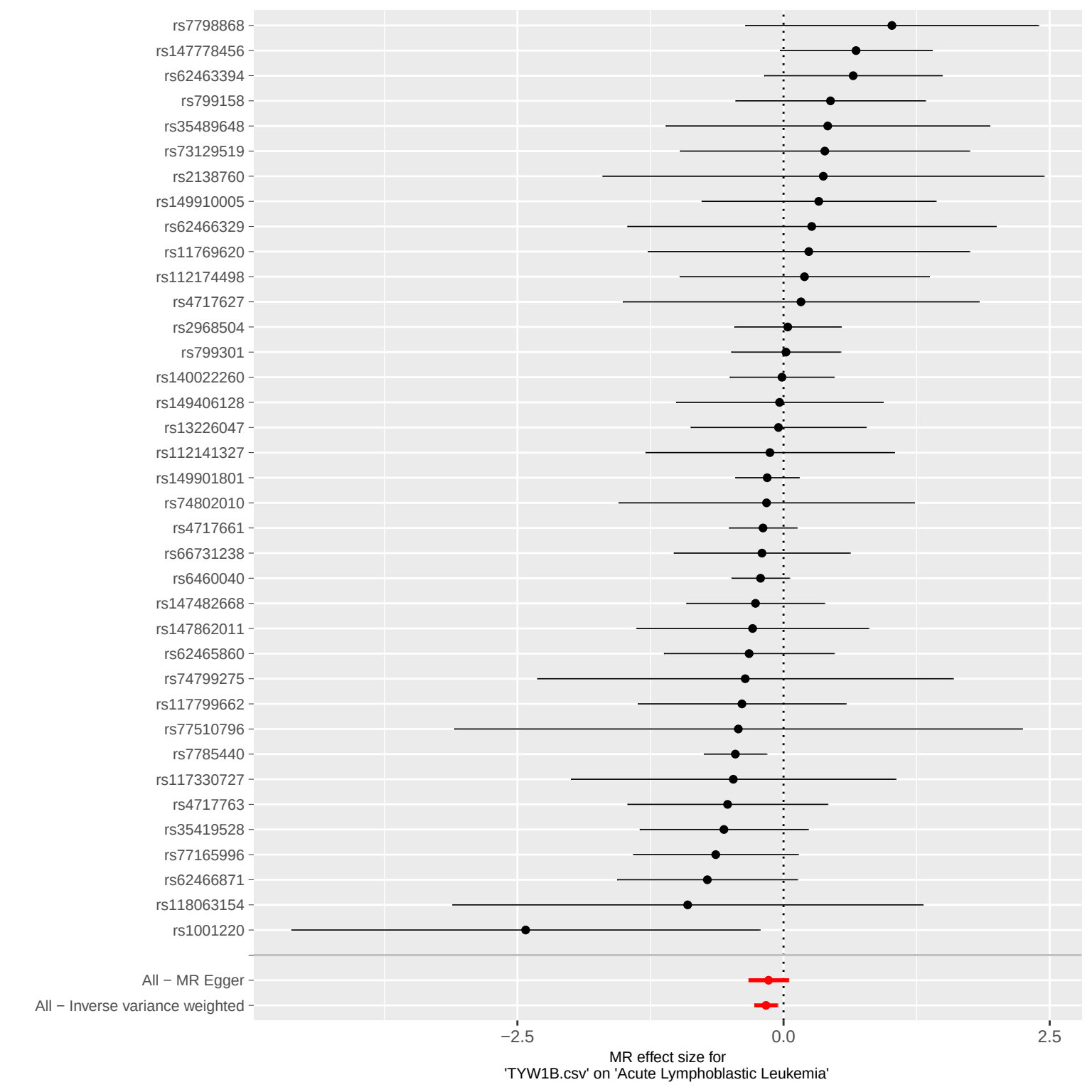
rs12456589
rs2262096
rs71352965
rs2853543
rs62088299
rs7237334
rs28602966
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'TYMS.csv' on 'Acute Lymphoblastic Leukemia'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rs140022260
rs149406128
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rs149901801
rs74802010
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rs147862011
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rs74799275
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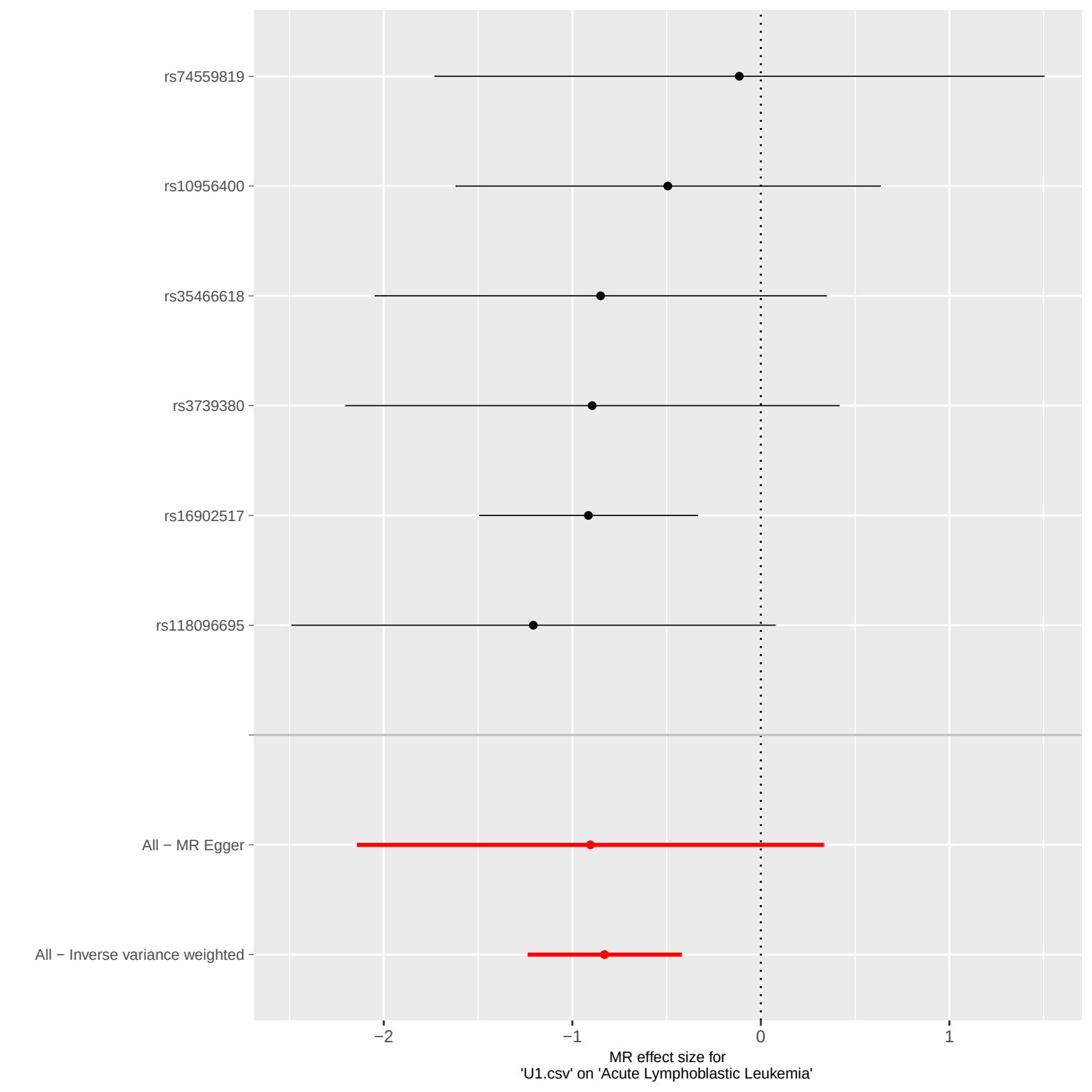
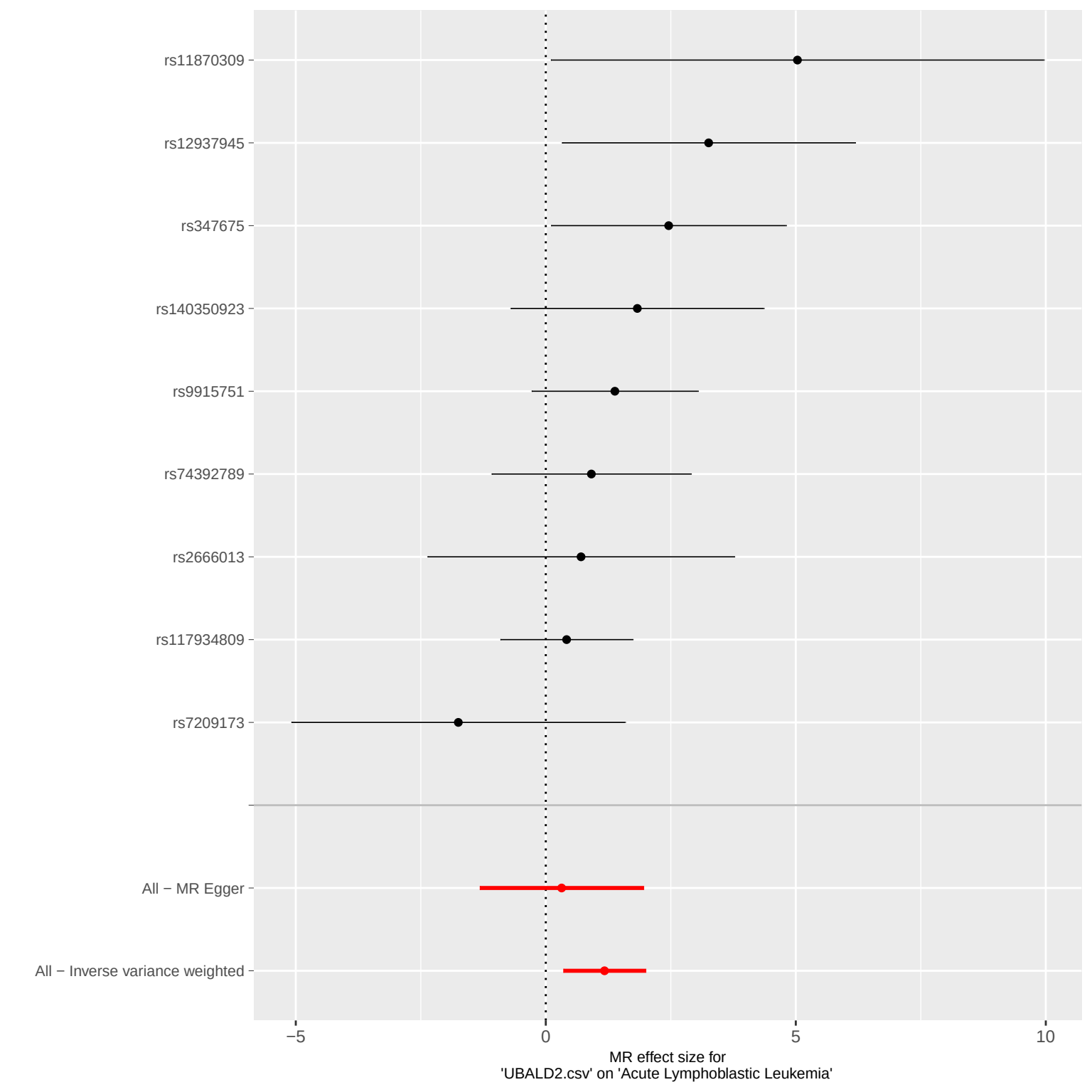
rs77510796
rs7785440
rs117330727
rs4717763
rs35419528
rs77165996
rs62466871
rs118063154
rs1001220
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TYW1B.csv' on 'Acute Lymphoblastic Leukemia'


rs74559819
rs10956400
rs35466618
rs3739380
rs16902517
rs118096695
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'U1.csv' on 'Acute Lymphoblastic Leukemia'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rs140350923
rs9915751
rs74392789
rs2666013
rs117934809
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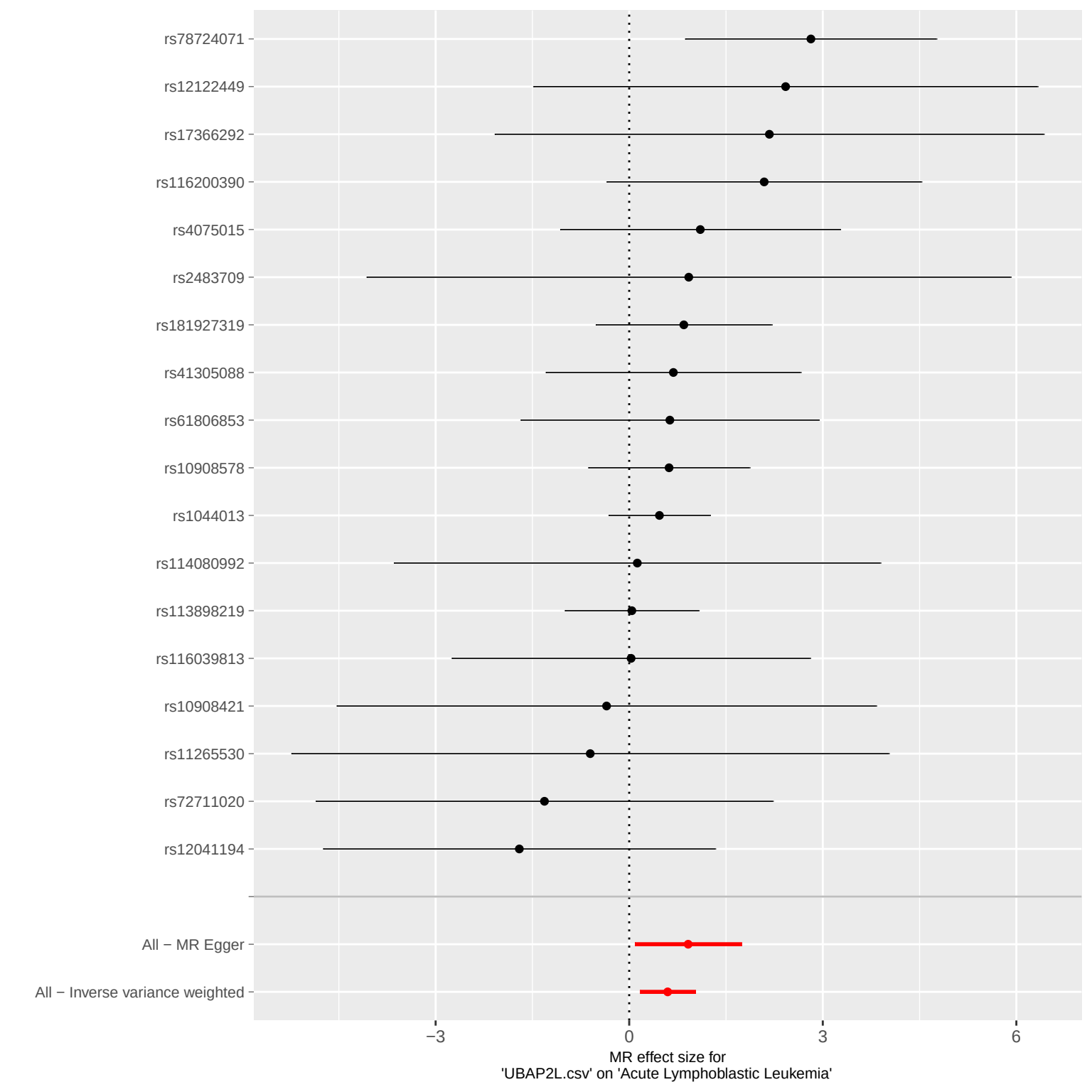
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'UBALD2.csv' on 'Acute Lymphoblastic Leukemia'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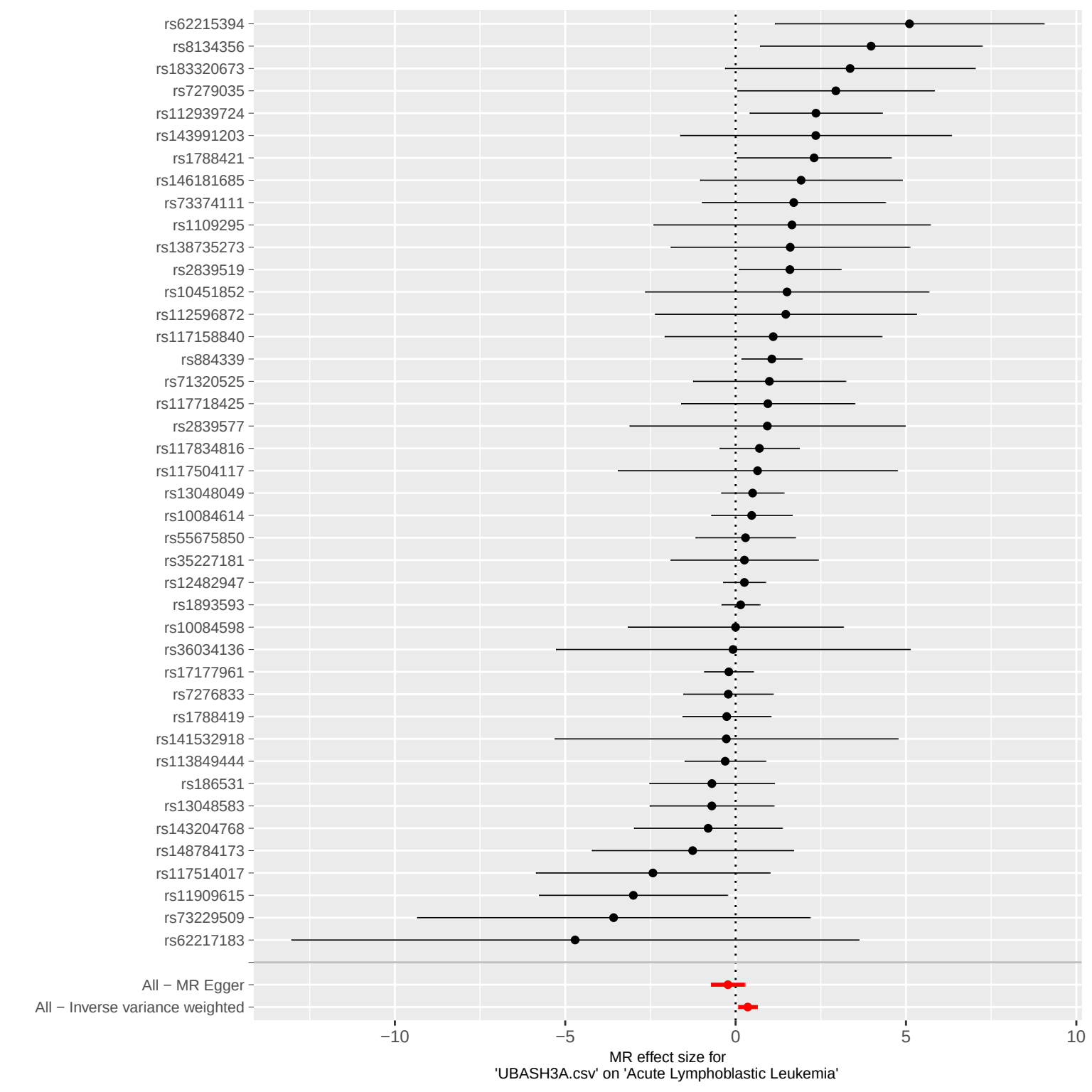
rs116200390
rs4075015
rs2483709
rs181927319
rs41305088
rs61806853
rs10908578
rs1044013
rs114080992
rs113898219
rs116039813
rs10908421
rs11265530
rs72711020
rs12041194
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'UBAP2L.csv' on 'Acute Lymphoblastic Leukemia'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rs7279035
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rs2839519
rs10451852
rs112596872
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rs55675850
rs35227181
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rs10084598
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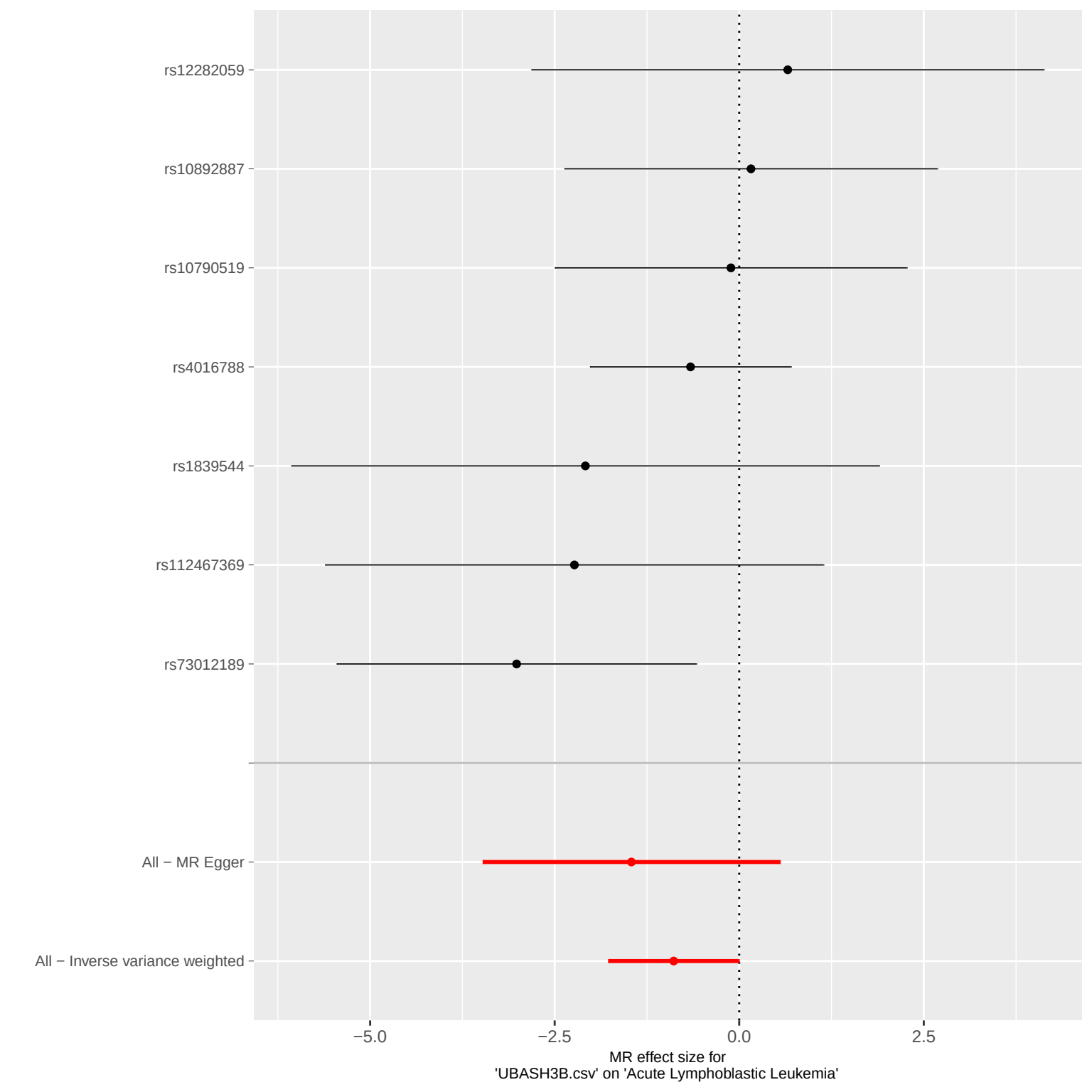
rs17177961
rs7276833
rs1788419
rs141532918
rs113849444
rs186531
rs13048583
rs143204768
rs148784173
rs117514017
rs11909615
rs73229509
rs62217183
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'UBASH3A.csv' on 'Acute Lymphoblastic Leukemia'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rs10892887
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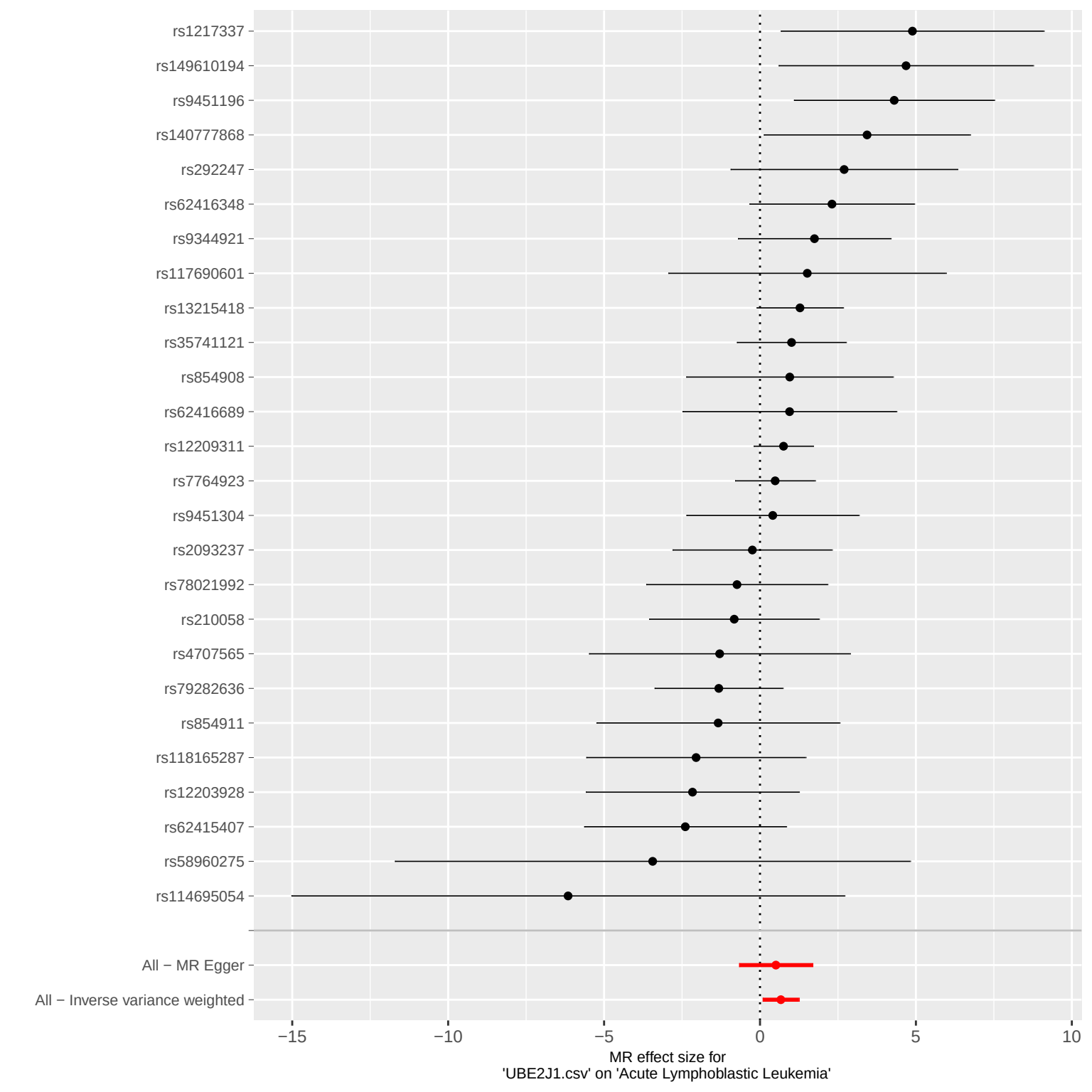
rs1839544
rs112467369
rs73012189
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'UBASH3B.csv' on 'Acute Lymphoblastic Leukemia'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rs62416689
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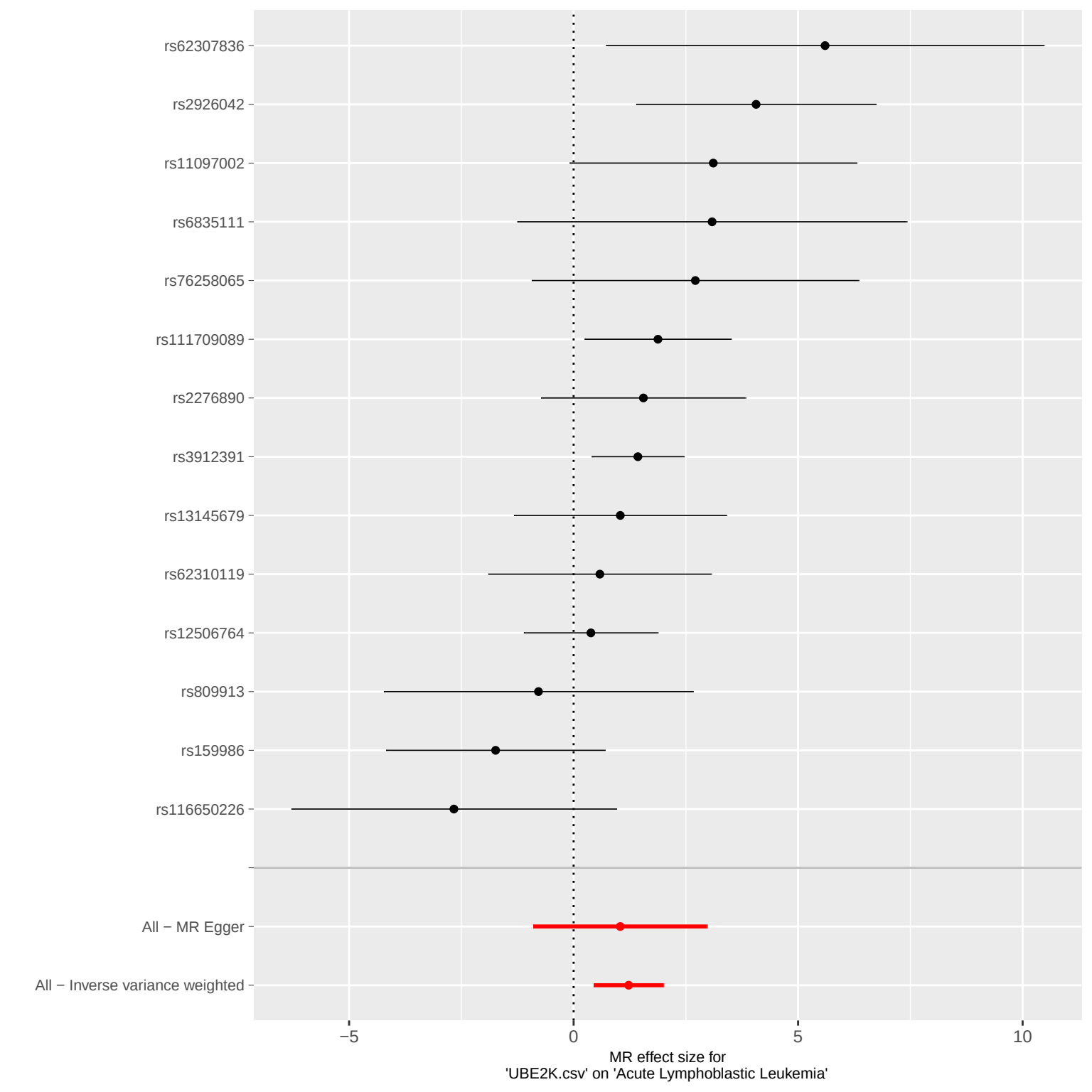
rs9451304
rs2093237
rs78021992
rs210058
rs4707565
rs79282636
rs854911
rs118165287
rs12203928
rs62415407
rs58960275
rs114695054
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
10
MR effect size for
'UBE2J1.csv' on 'Acute Lymphoblastic Leukemia'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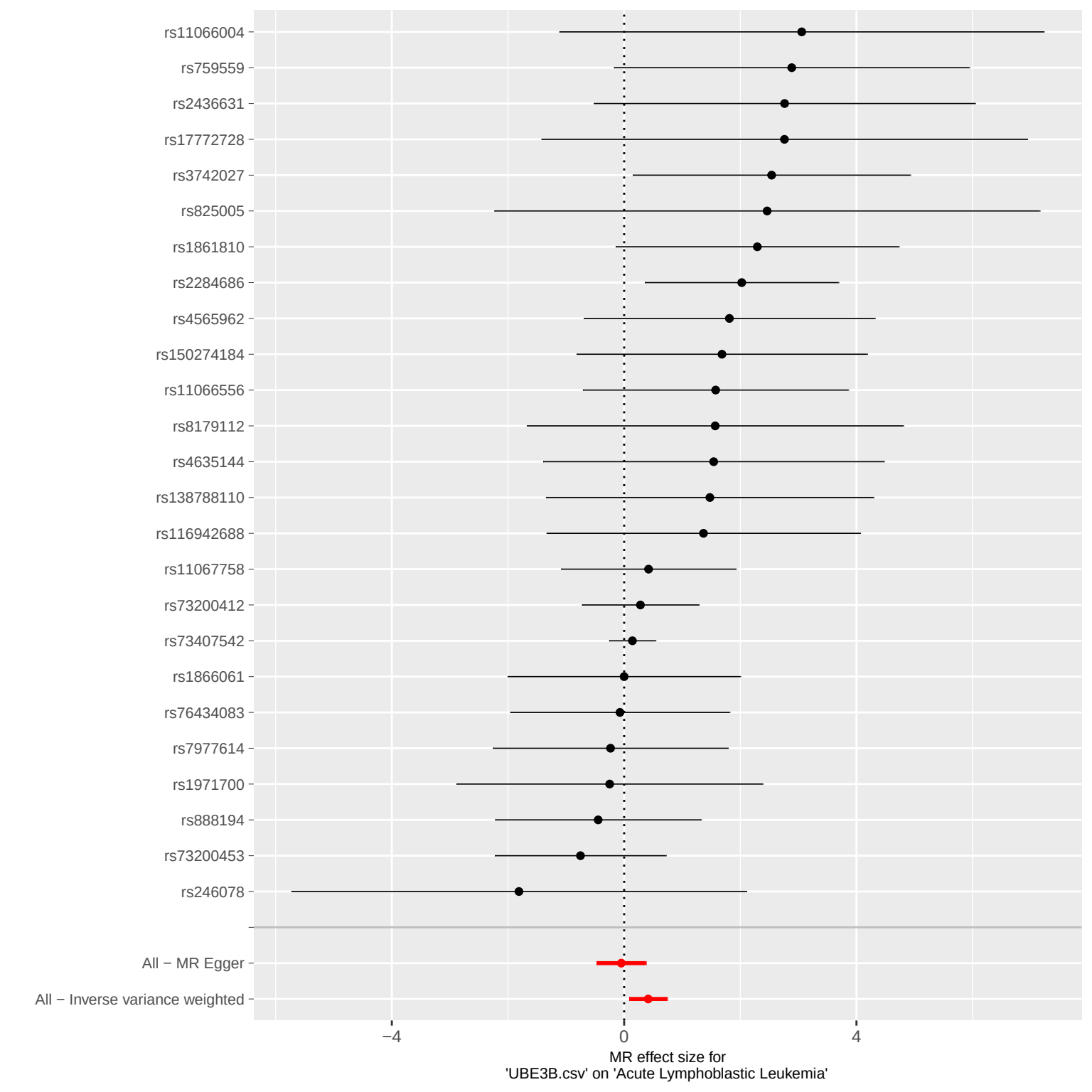
rs13145679
rs62310119
rs12506764
rs809913
rs159986
rs116650226
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'UBE2K.csv' on 'Acute Lymphoblastic Leukemia'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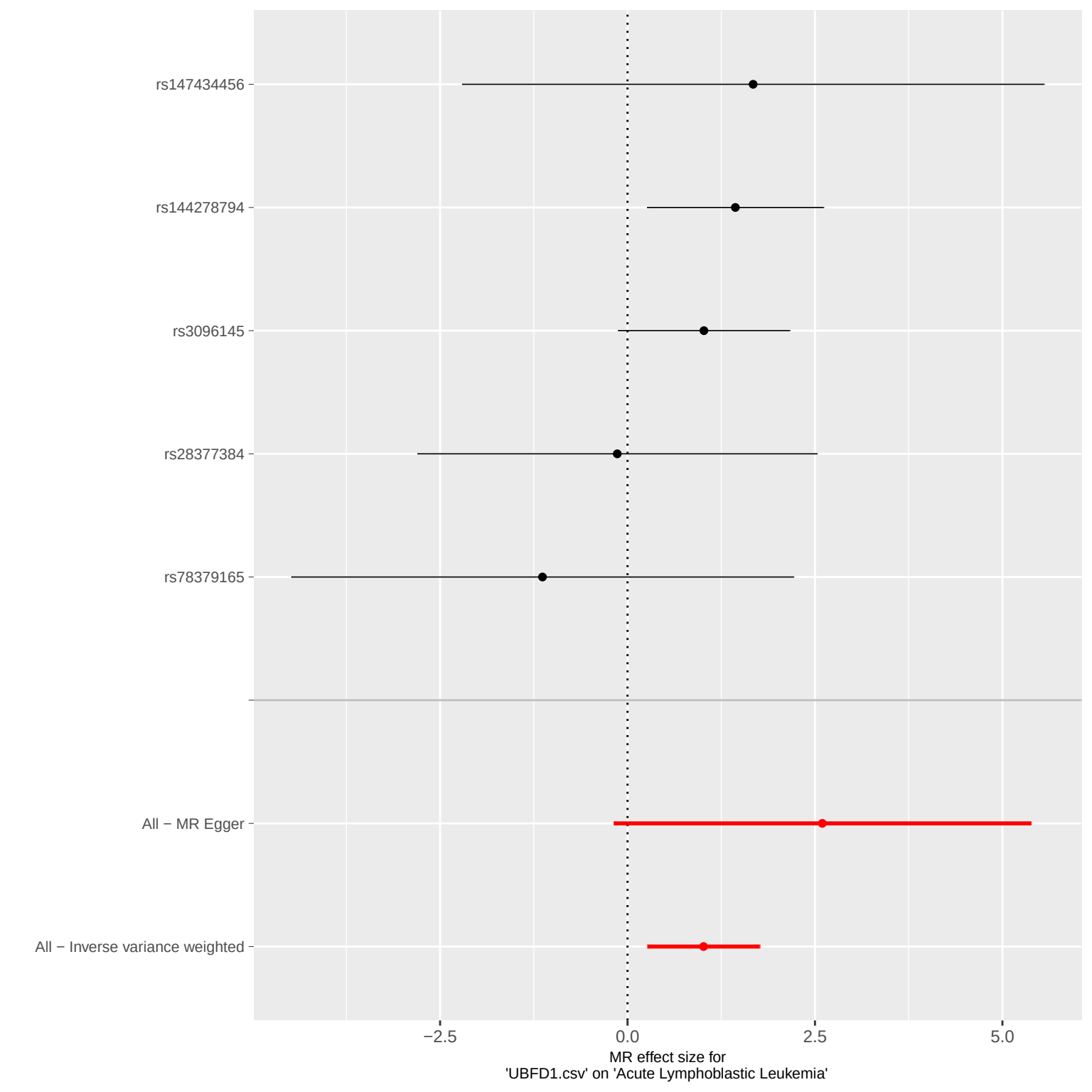
rs116942688
rs11067758
rs73200412
rs73407542
rs1866061
rs76434083
rs7977614
rs1971700
rs888194
rs73200453
rs246078
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'UBE3B.csv' on 'Acute Lymphoblastic Leukemia'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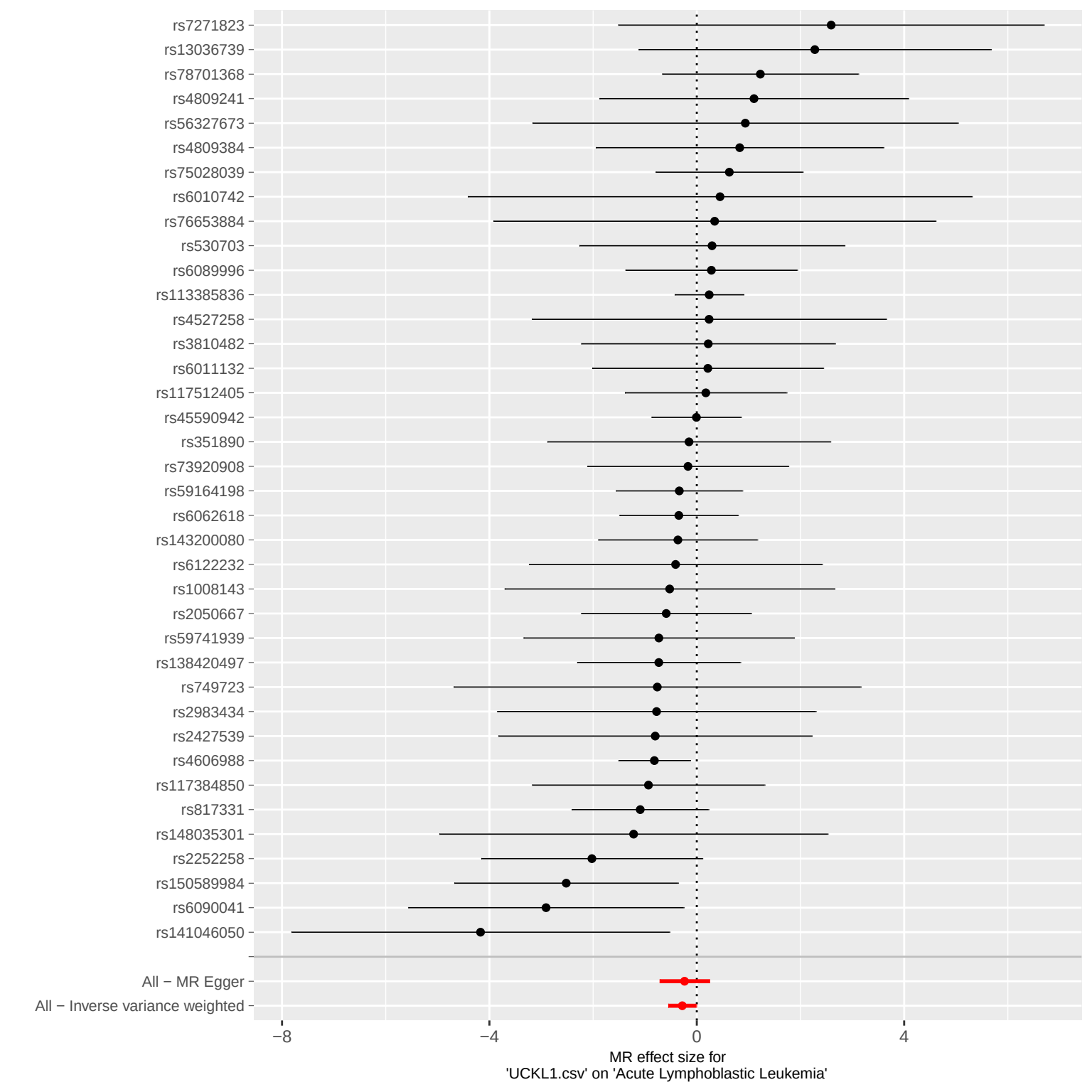
rs3096145
rs28377384
rs78379165
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'UBFD1.csv' on 'Acute Lymphoblastic Leukemia'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rs59164198
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rs143200080
rs6122232
rs1008143
rs2050667
rs59741939
rs138420497
rs749723
rs2983434
rs2427539
rs4606988
rs117384850
rs817331
rs148035301
rs2252258
rs150589984
rs6090041
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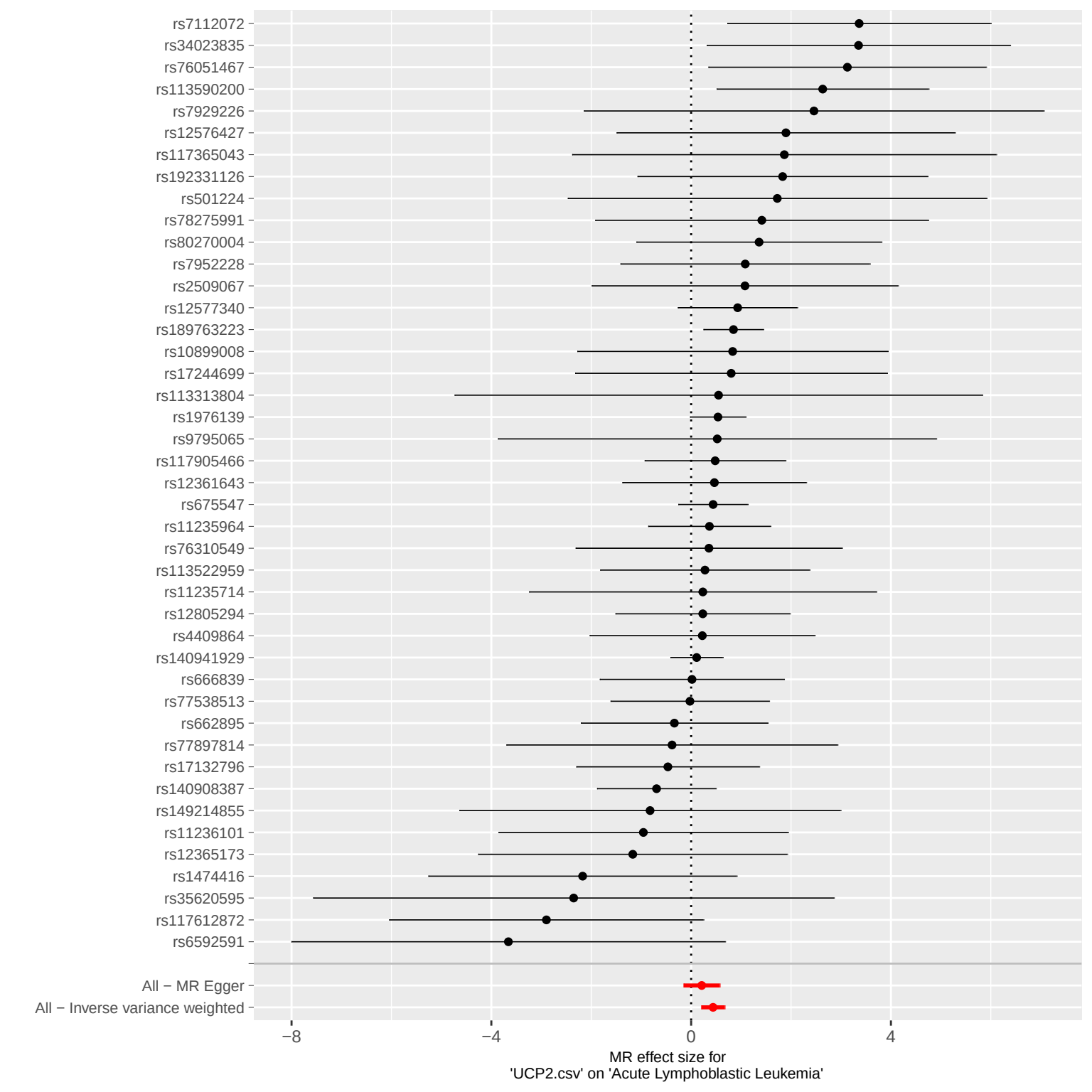
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'UCKL1.csv' on 'Acute Lymphoblastic Leukemia'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rs7952228
rs2509067
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rs1976139
rs9795065
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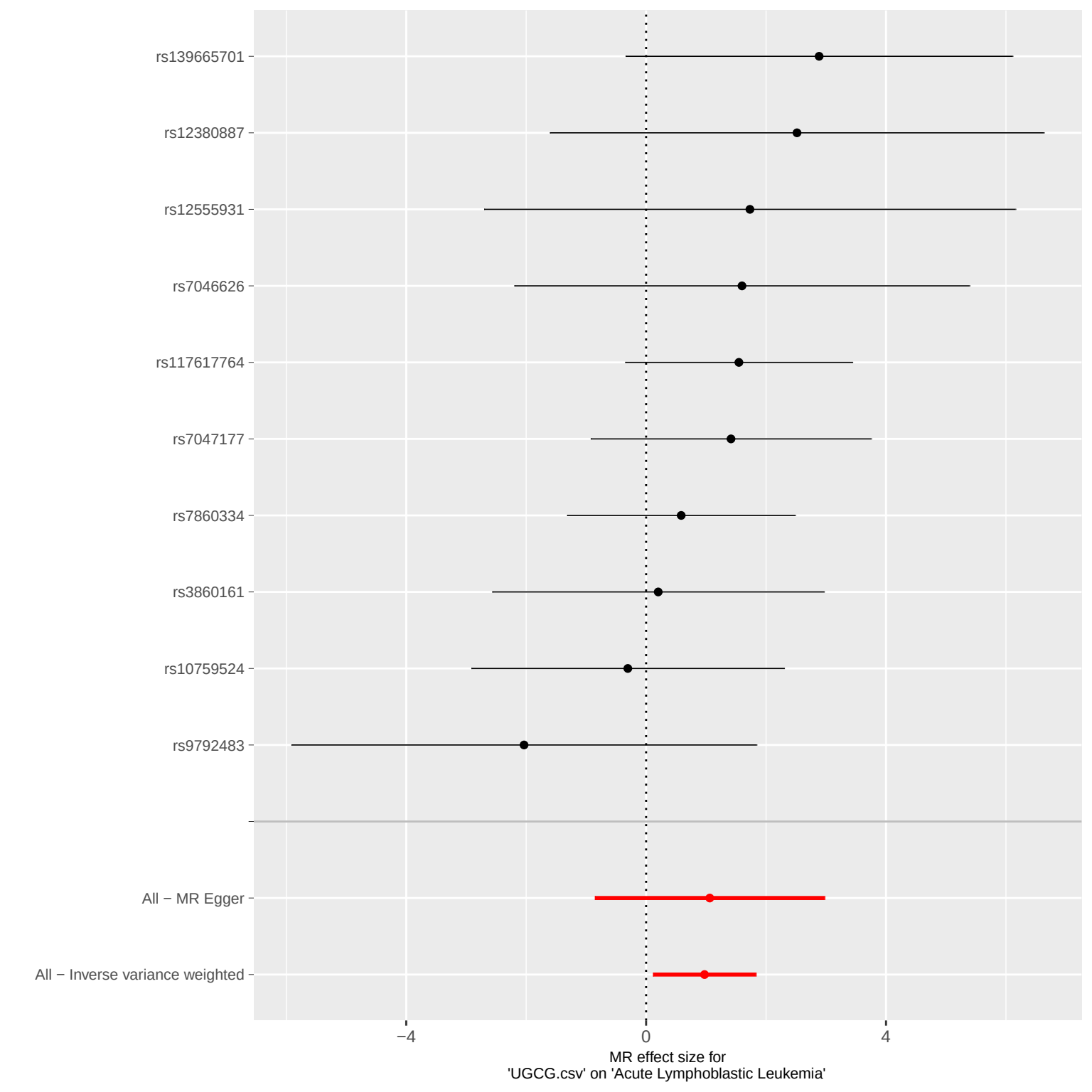
rs140908387
rs149214855
rs11236101
rs12365173
rs1474416
rs35620595
rs117612872
rs6592591
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'UCP2.csv' on 'Acute Lymphoblastic Leukemia'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rs117617764
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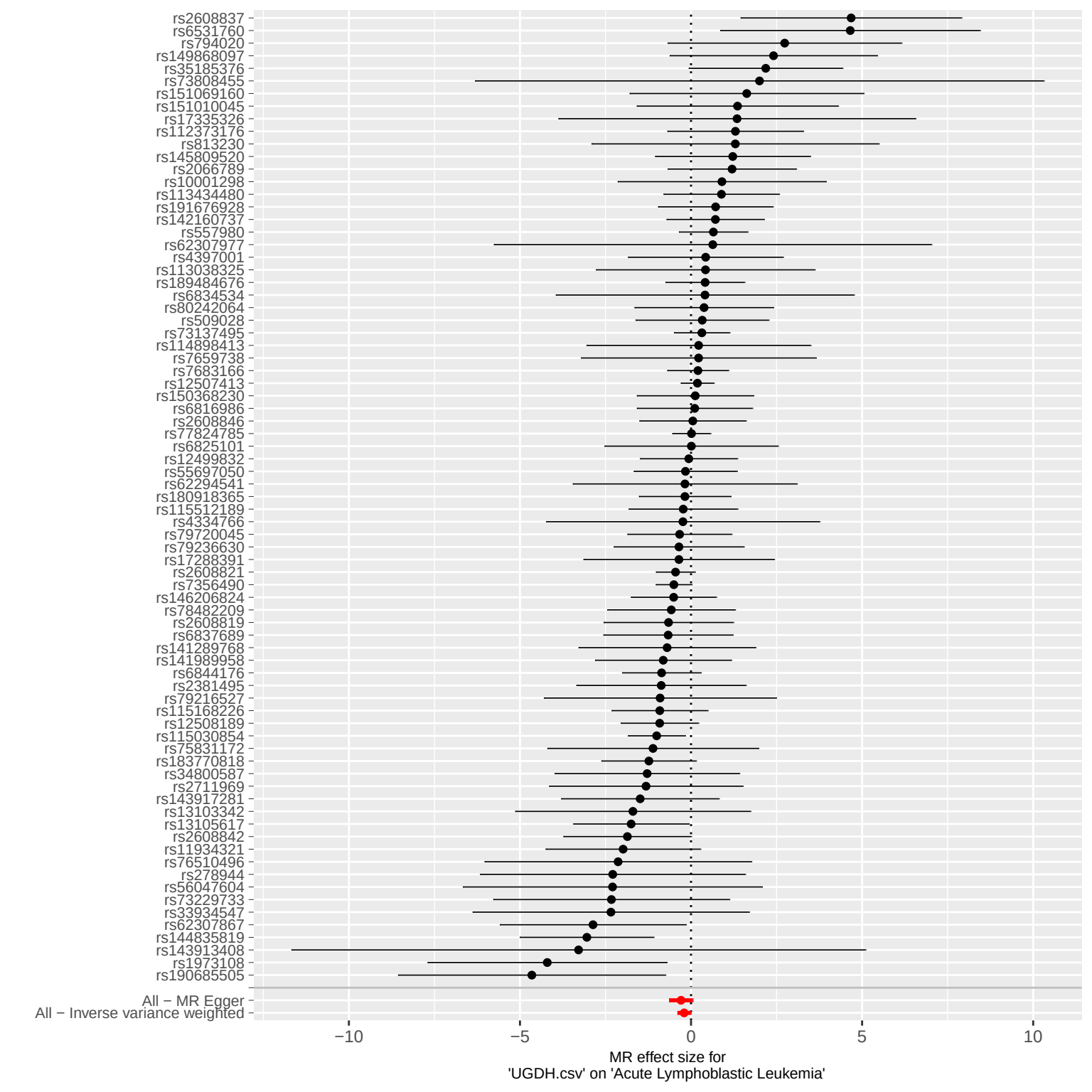
rs10759524
rs9792483
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'UGCG.csv' on 'Acute Lymphoblastic Leukemia'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rs145809520
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rs10001298
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rs191676928
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rs6816986
rs2608846
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rs33934547
rs62307867
rs144835819
rs143913408
rs1973108
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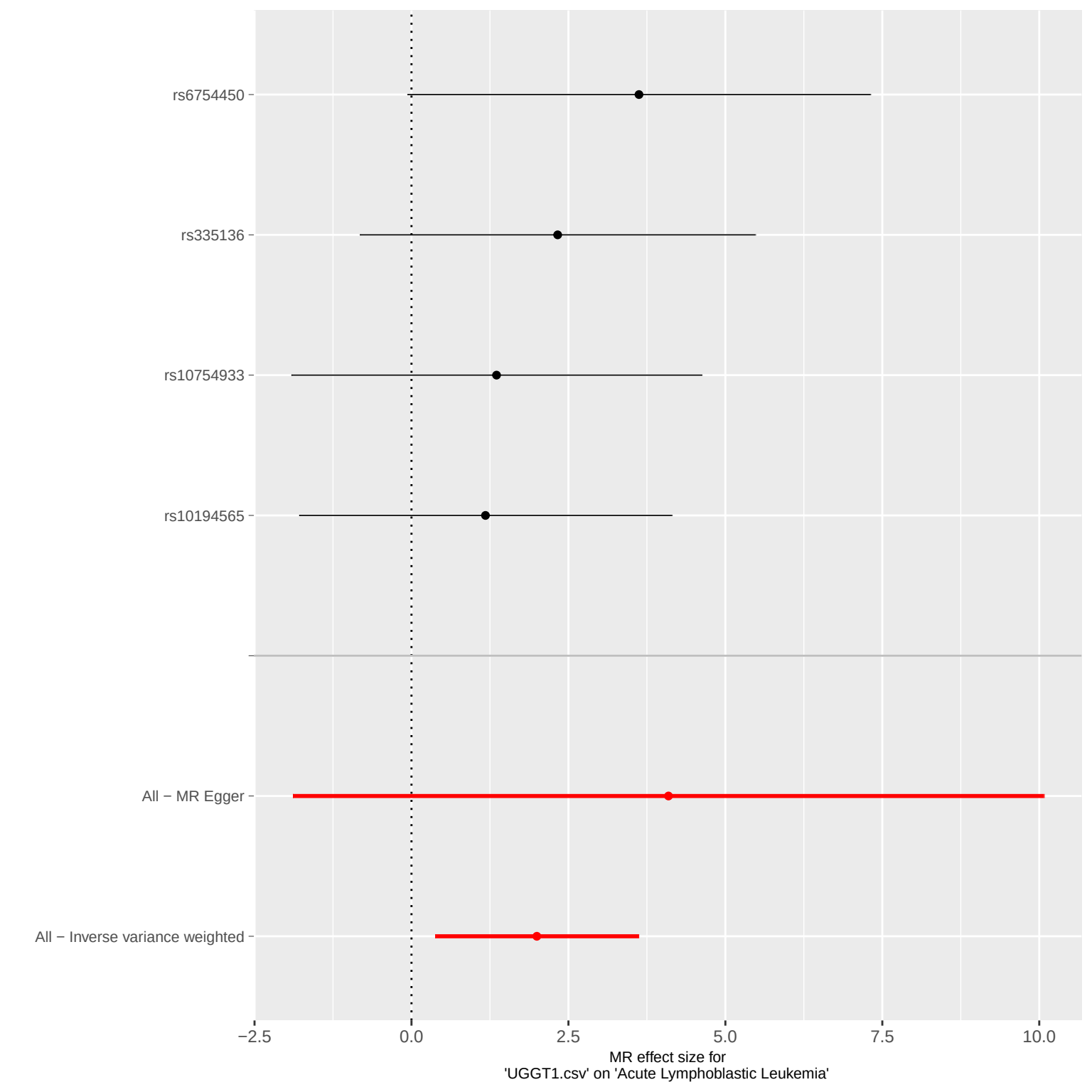
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'UGDH.csv' on 'Acute Lymphoblastic Leukemia'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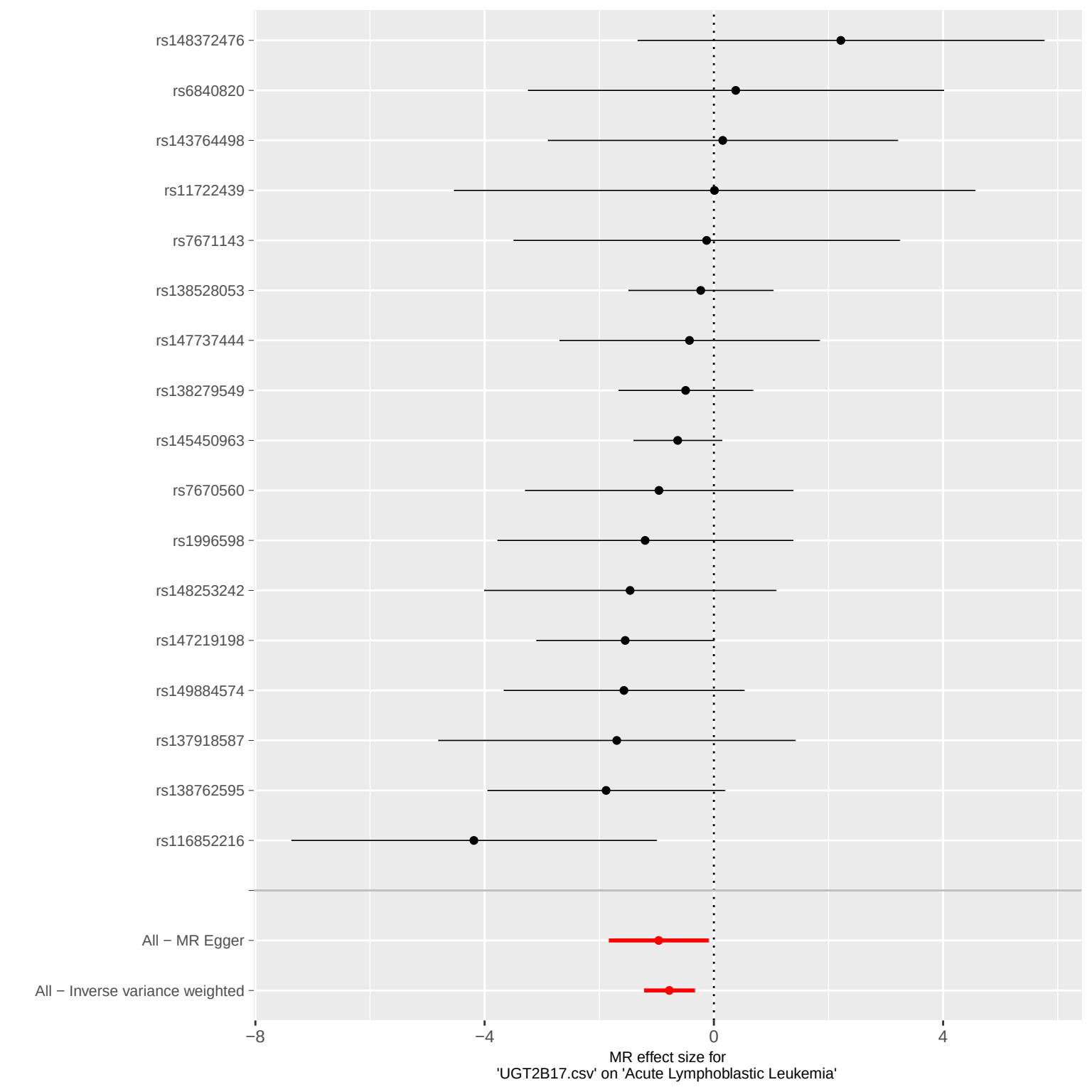
rs335136
rs10754933
rs10194565
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
10.0
MR effect size for
'UGGT1.csv' on 'Acute Lymphoblastic Leukemia'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rs7670560
rs1996598
rs148253242
rs147219198
rs149884574
rs137918587
rs138762595
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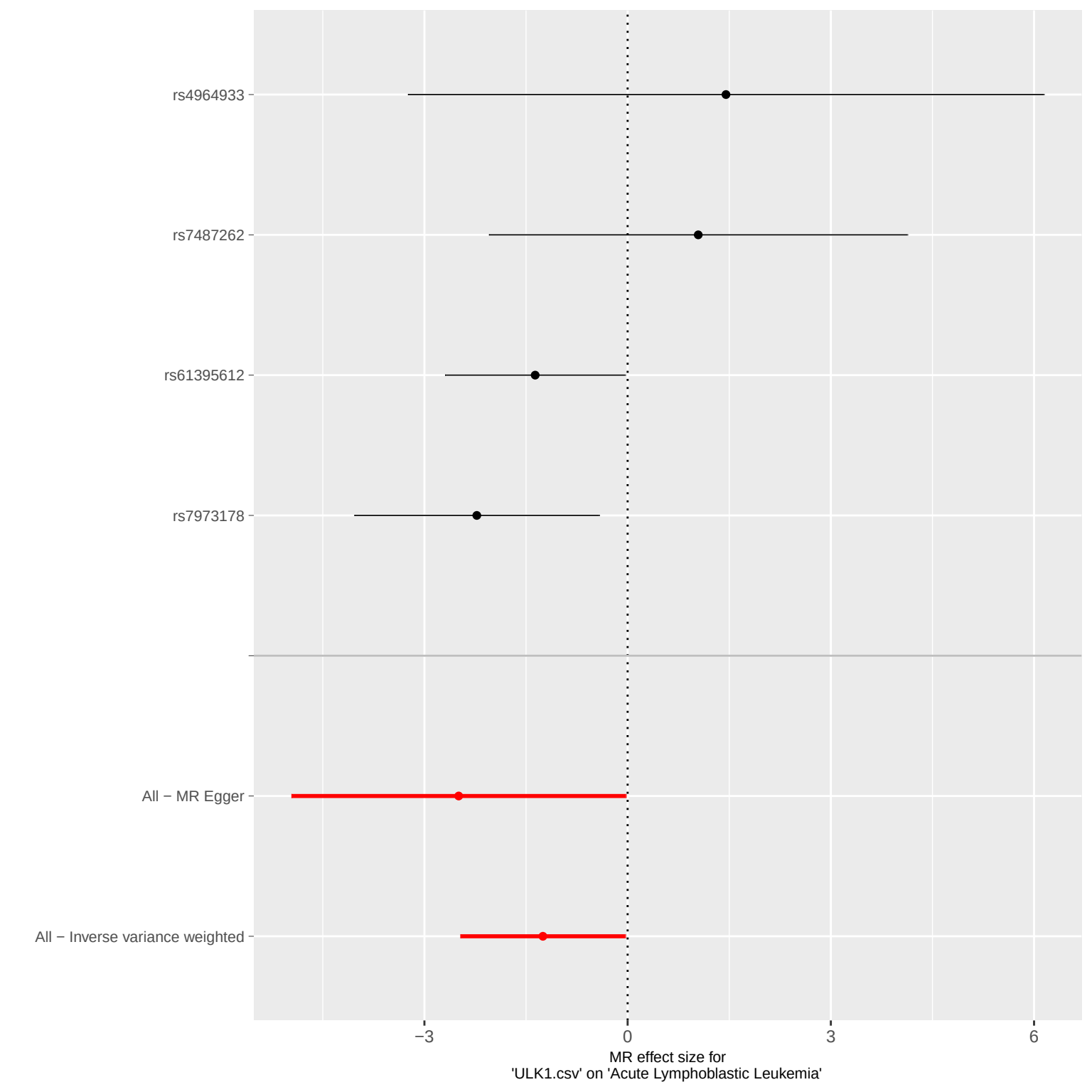
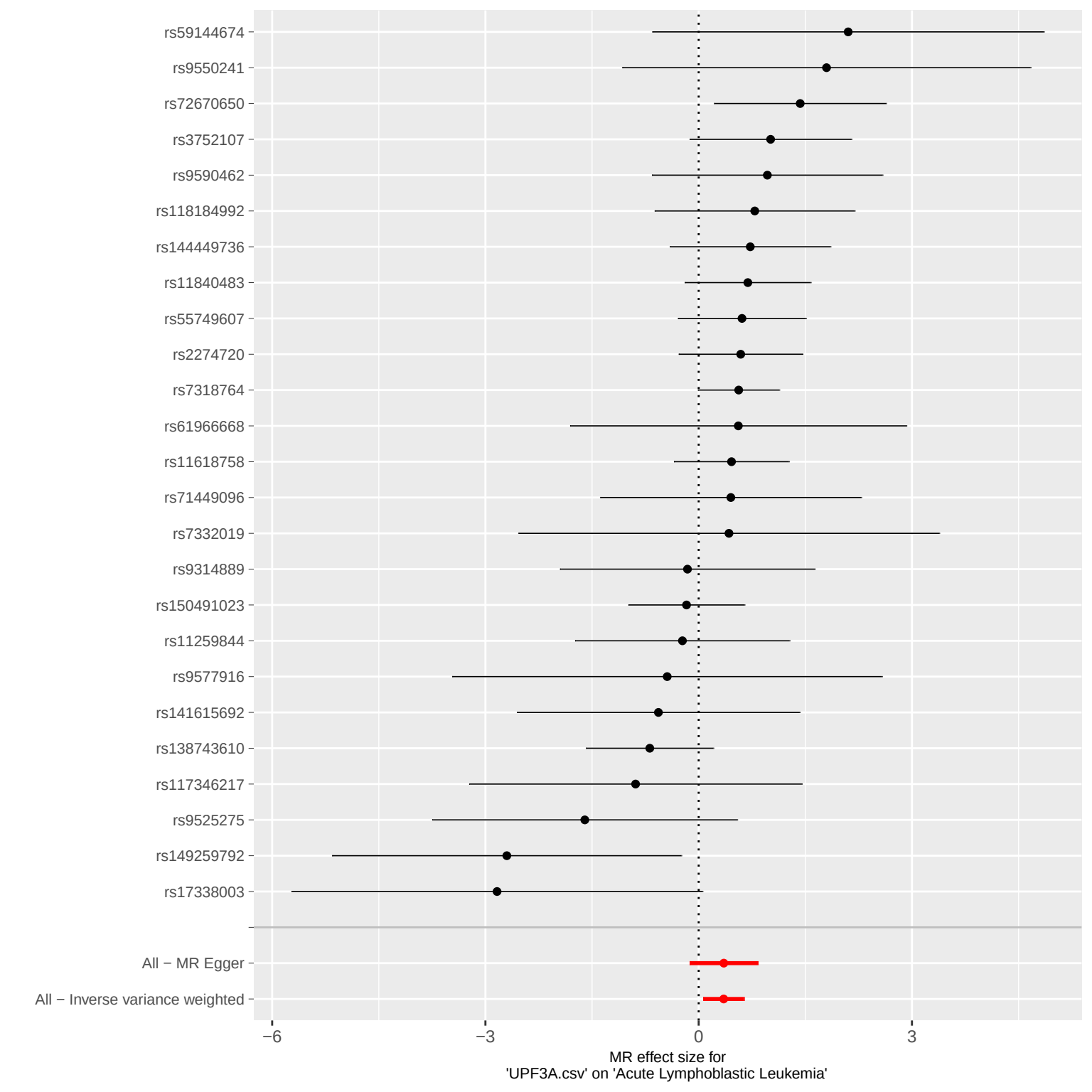
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'UGT2B17.csv' on 'Acute Lymphoblastic Leukemia'


rs4964933
rs7487262
rs61395612
rs7973178
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'ULK1.csv' on 'Acute Lymphoblastic Leukemia'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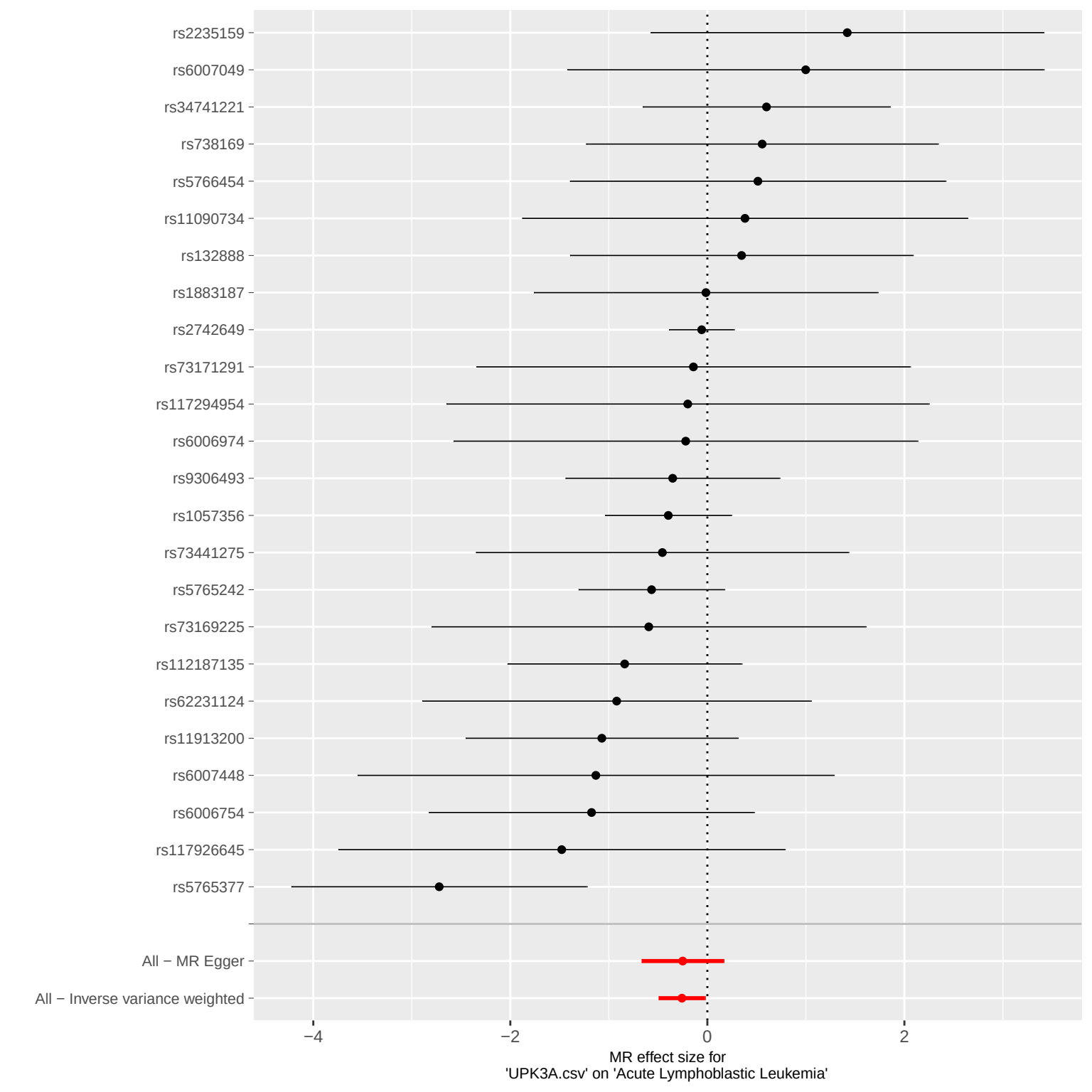
rs61966668
rs11618758
rs71449096
rs7332019
rs9314889
rs150491023
rs11259844
rs9577916
rs141615692
rs138743610
rs117346217
rs9525275
rs149259792
rs17338003
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'UPF3A.csv' on 'Acute Lymphoblastic Leukemia'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rs132888
rs1883187
rs2742649
rs73171291
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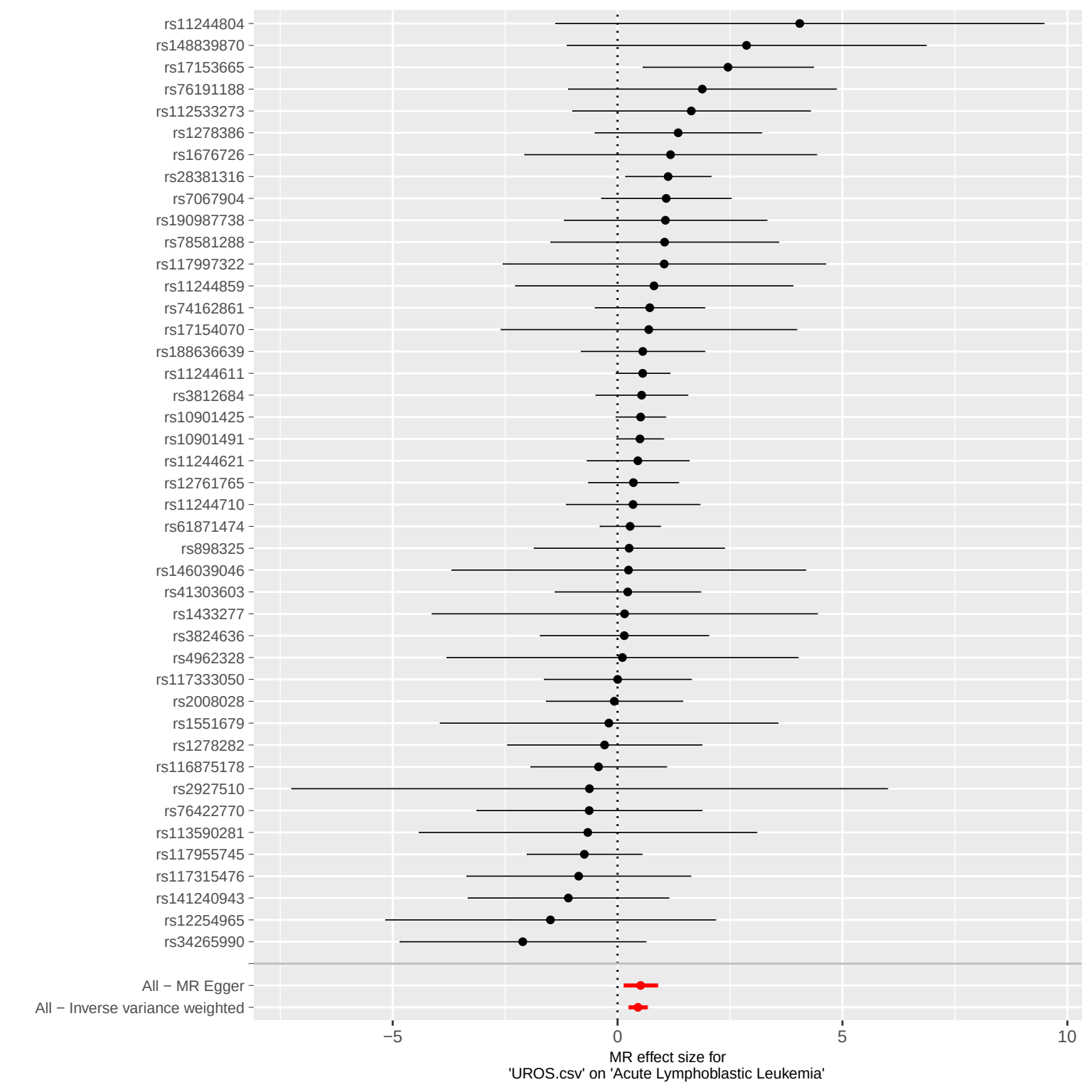
rs5765242
rs73169225
rs112187135
rs62231124
rs11913200
rs6007448
rs6006754
rs117926645
rs5765377
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'UPK3A.csv' on 'Acute Lymphoblastic Leukemia'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rs113590281
rs117955745
rs117315476
rs141240943
rs12254965
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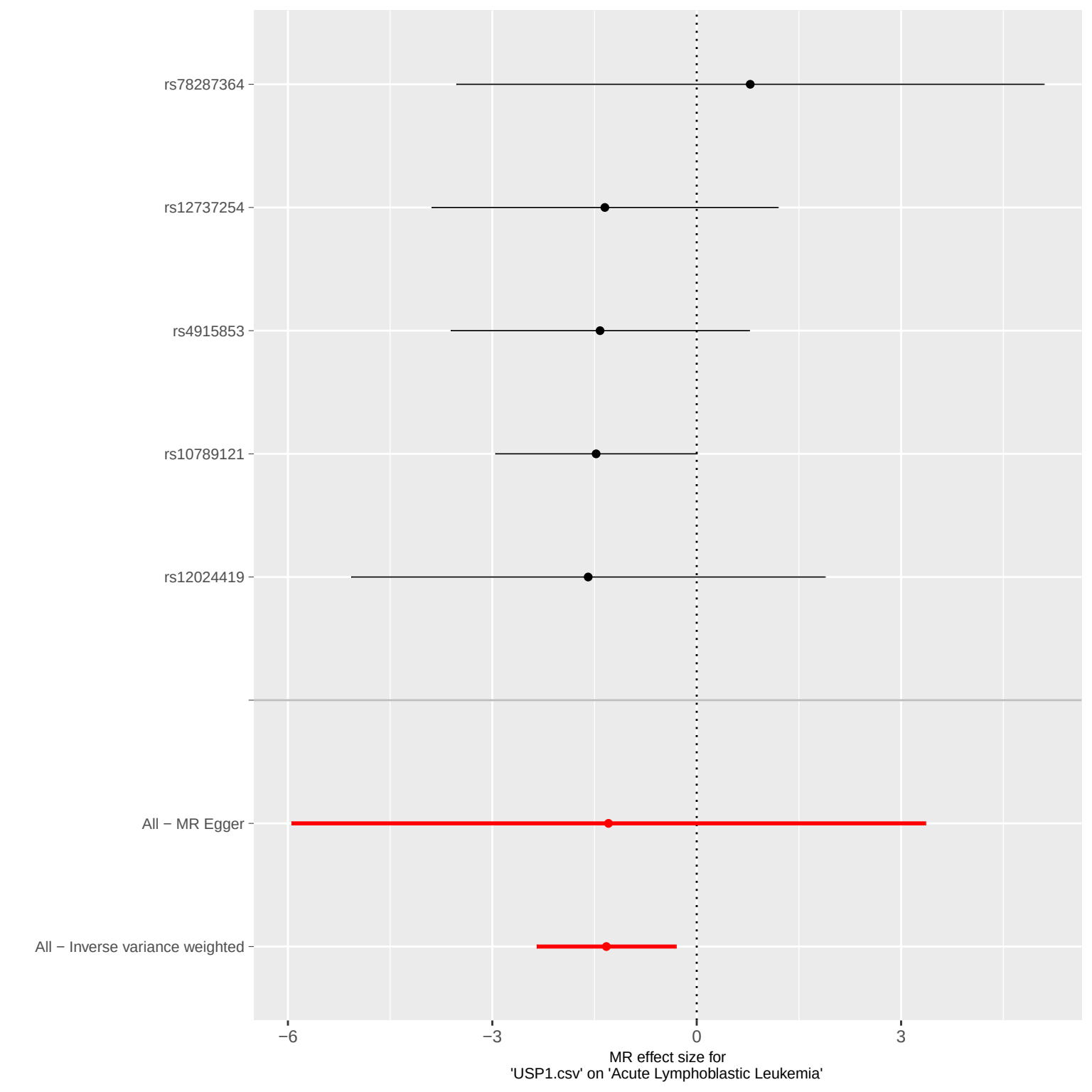
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'UROS.csv' on 'Acute Lymphoblastic Leukemia'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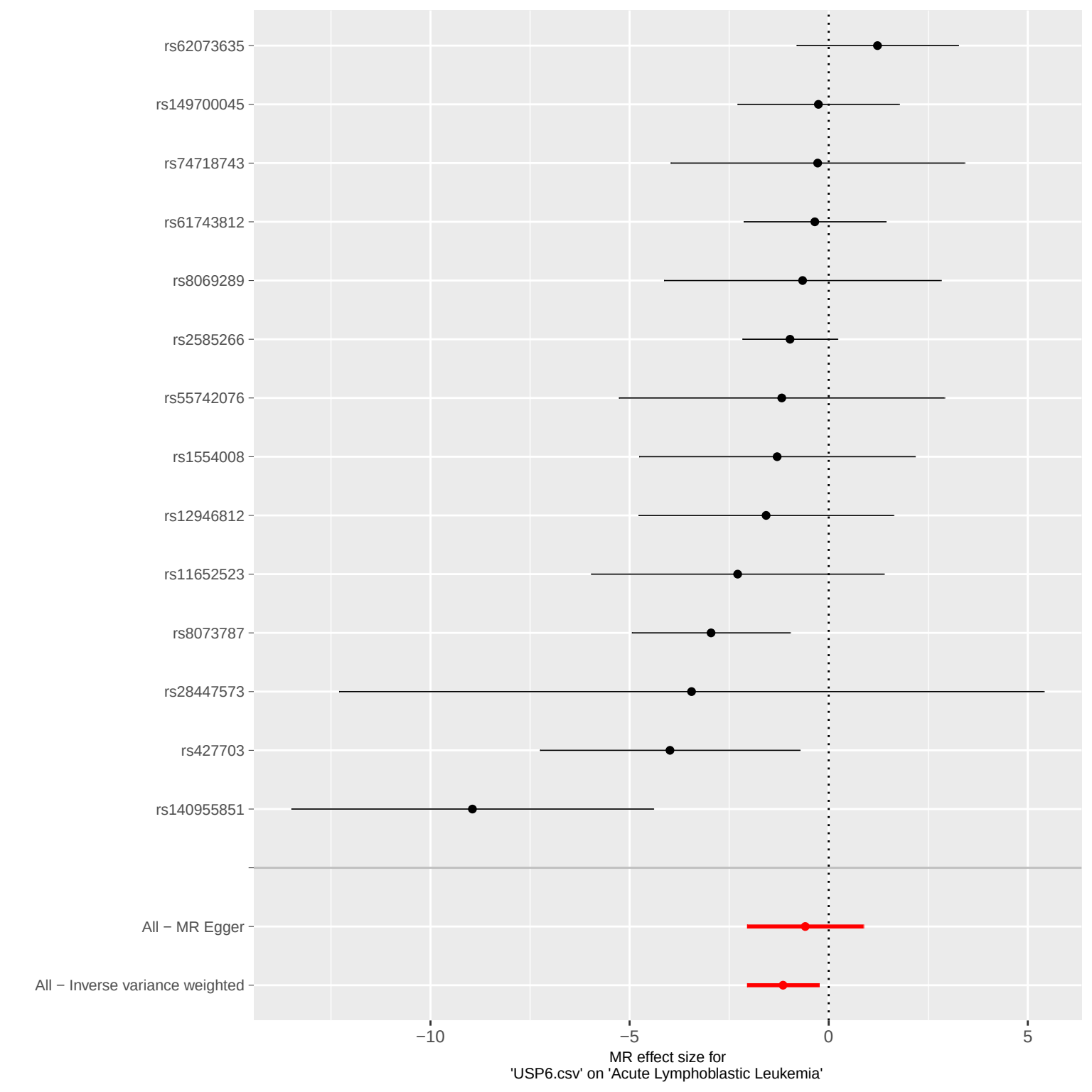
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'USP1.csv' on 'Acute Lymphoblastic Leukemia'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rs8069289
rs2585266
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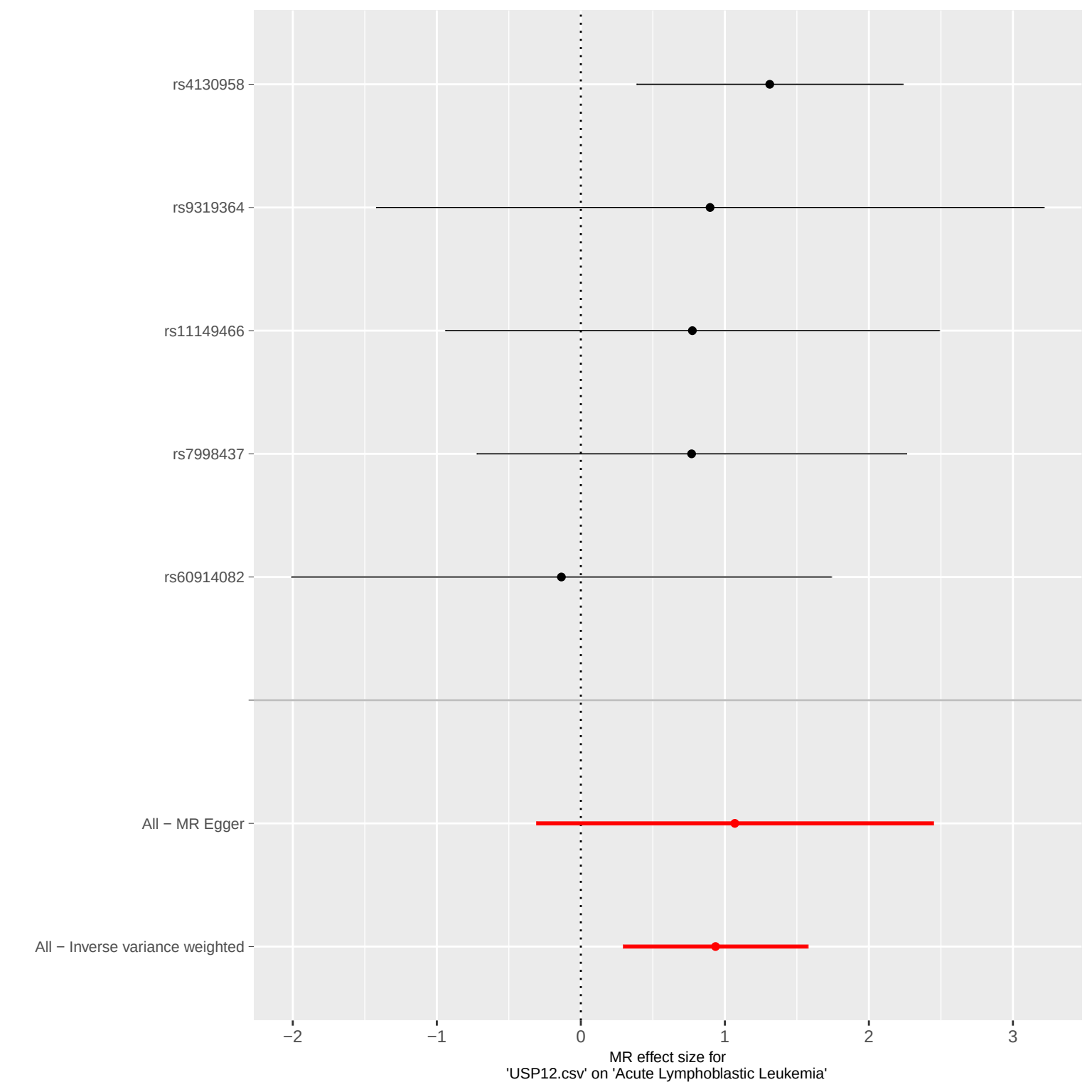
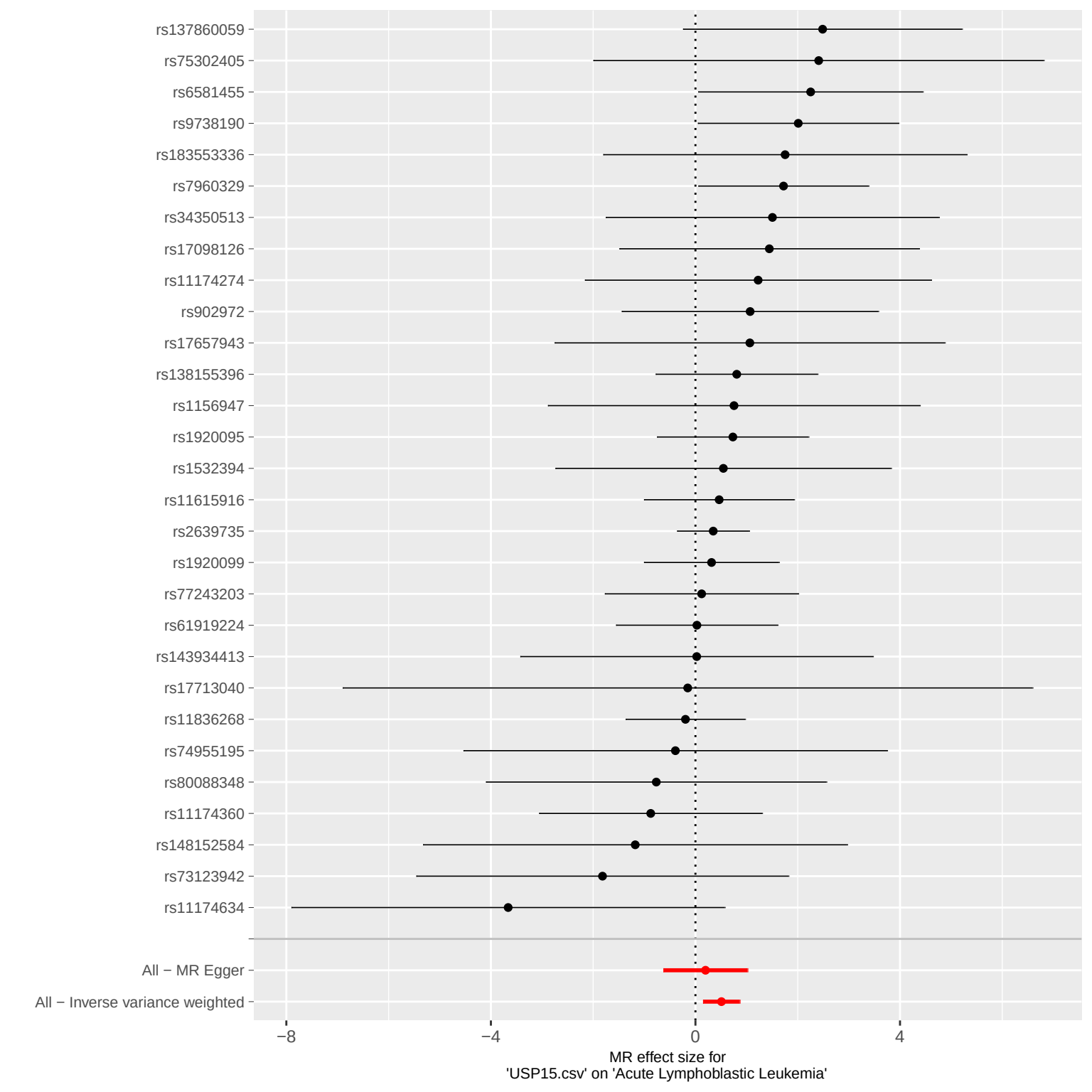
rs1554008
rs12946812
rs11652523
rs8073787
rs28447573
rs427703
rs140955851
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'USP6.csv' on 'Acute Lymphoblastic Leukemia'


rs4130958
rs9319364
rs11149466
rs7998437
rs60914082
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'USP12.csv' on 'Acute Lymphoblastic Leukemia'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rs183553336
rs7960329
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rs11174274
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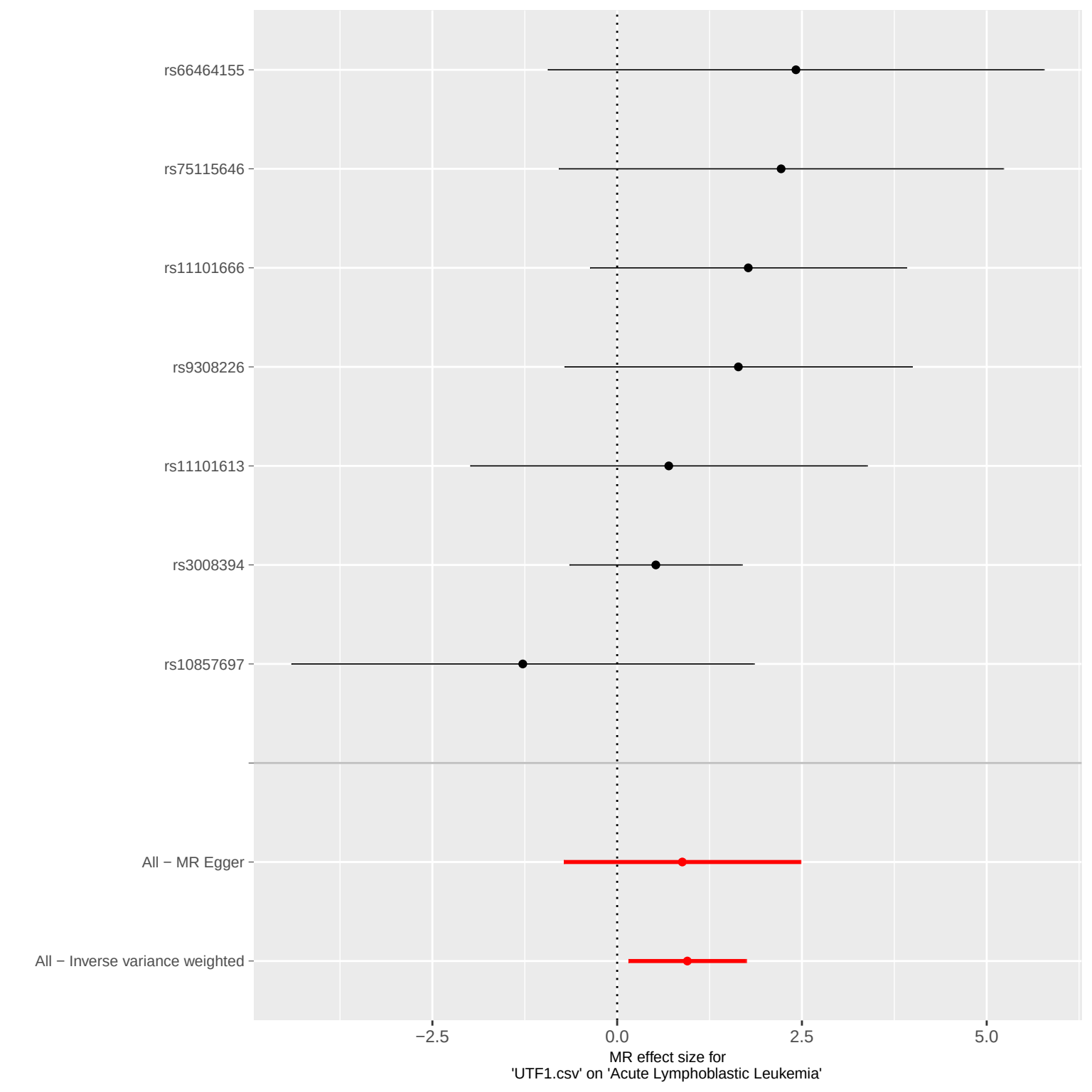
rs17657943
rs138155396
rs1156947
rs1920095
rs1532394
rs11615916
rs2639735
rs1920099
rs77243203
rs61919224
rs143934413
rs17713040
rs11836268
rs74955195
rs80088348
rs11174360
rs148152584
rs73123942
rs11174634
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'USP15.csv' on 'Acute Lymphoblastic Leukemia'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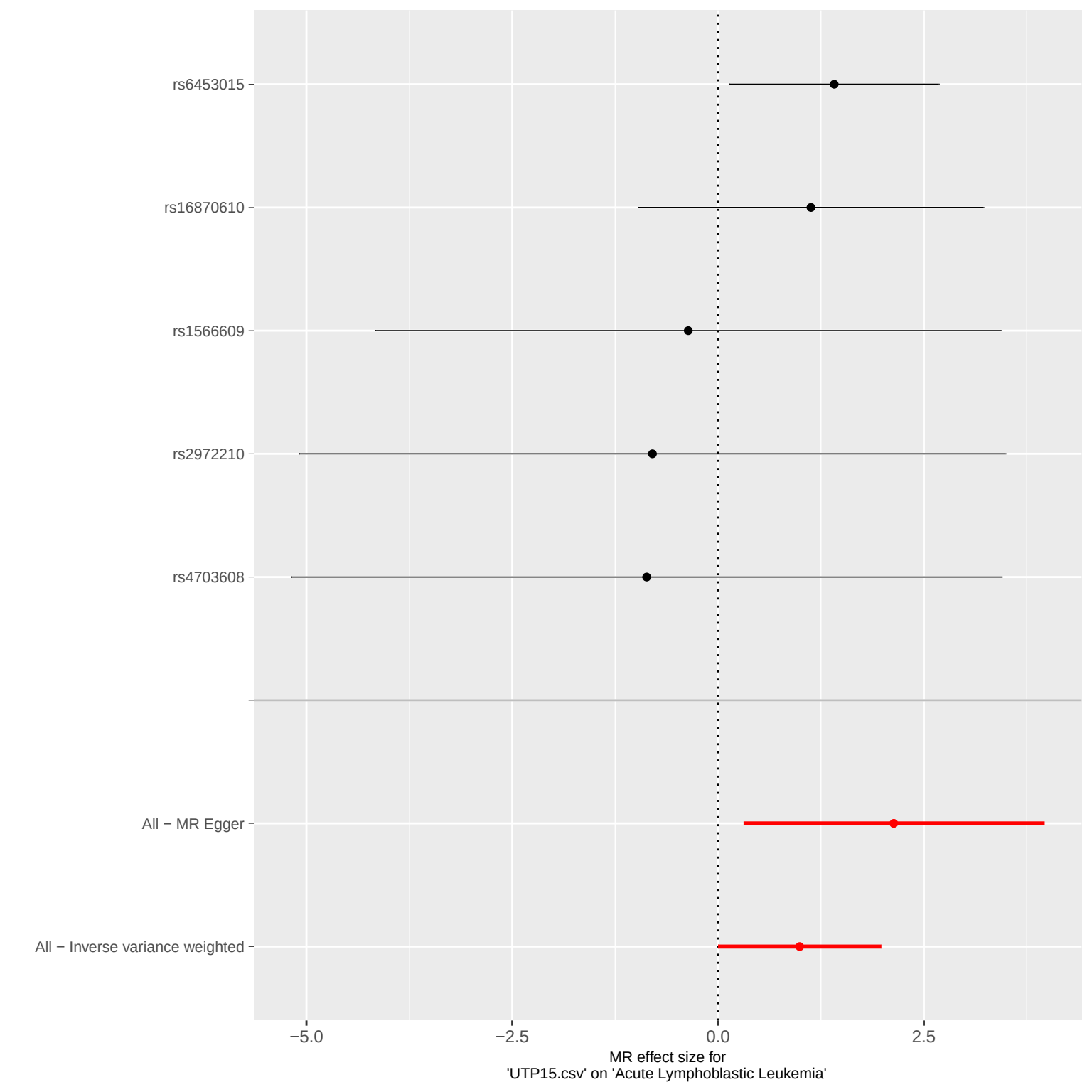
rs11101666
rs9308226
rs11101613
rs3008394
rs10857697
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'UTF1.csv' on 'Acute Lymphoblastic Leukemia'


rs6453015
rs16870610
rs1566609
rs2972210
rs4703608
All − MR Egger
All − Inverse variance weighted
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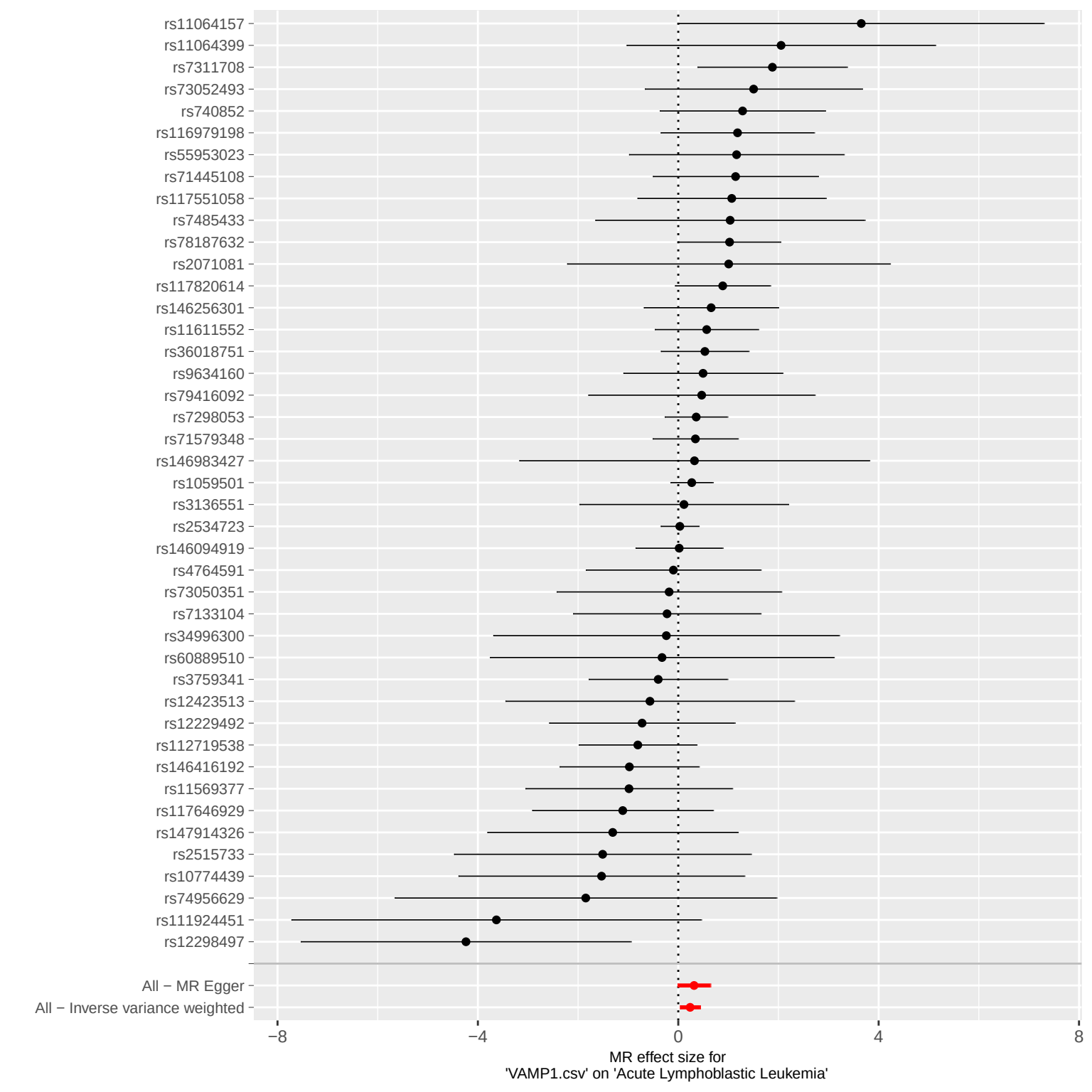
−2.5
0.0
2.5
MR effect size for
'UTP15.csv' on 'Acute Lymphoblastic Leukemia'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rs117820614
rs146256301
rs11611552
rs36018751
rs9634160
rs79416092
rs7298053
rs71579348
rs146983427
rs1059501
rs3136551
rs2534723
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rs73050351
rs7133104
rs34996300
rs60889510
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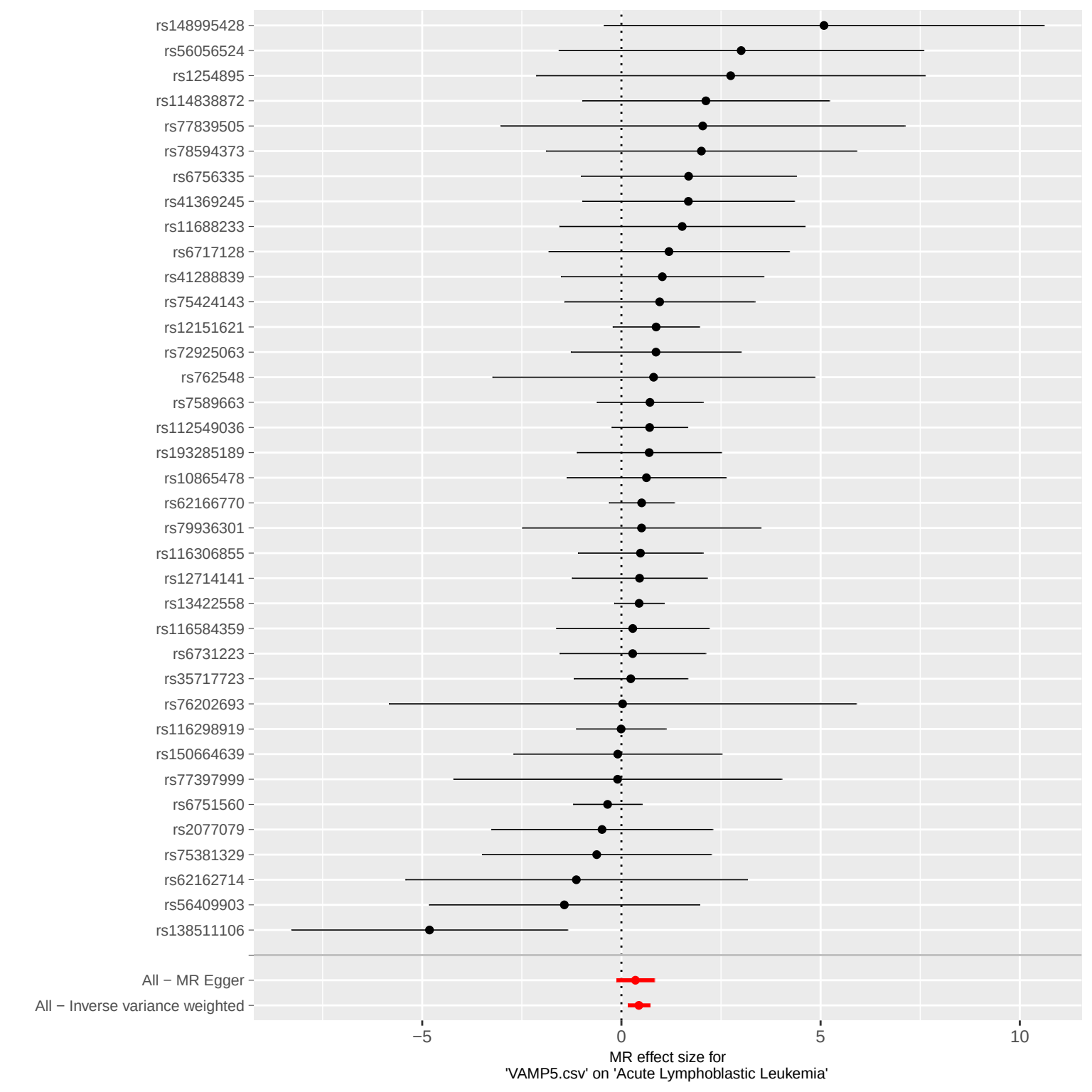
rs12229492
rs112719538
rs146416192
rs11569377
rs117646929
rs147914326
rs2515733
rs10774439
rs74956629
rs111924451
rs12298497
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'VAMP1.csv' on 'Acute Lymphoblastic Leukemia'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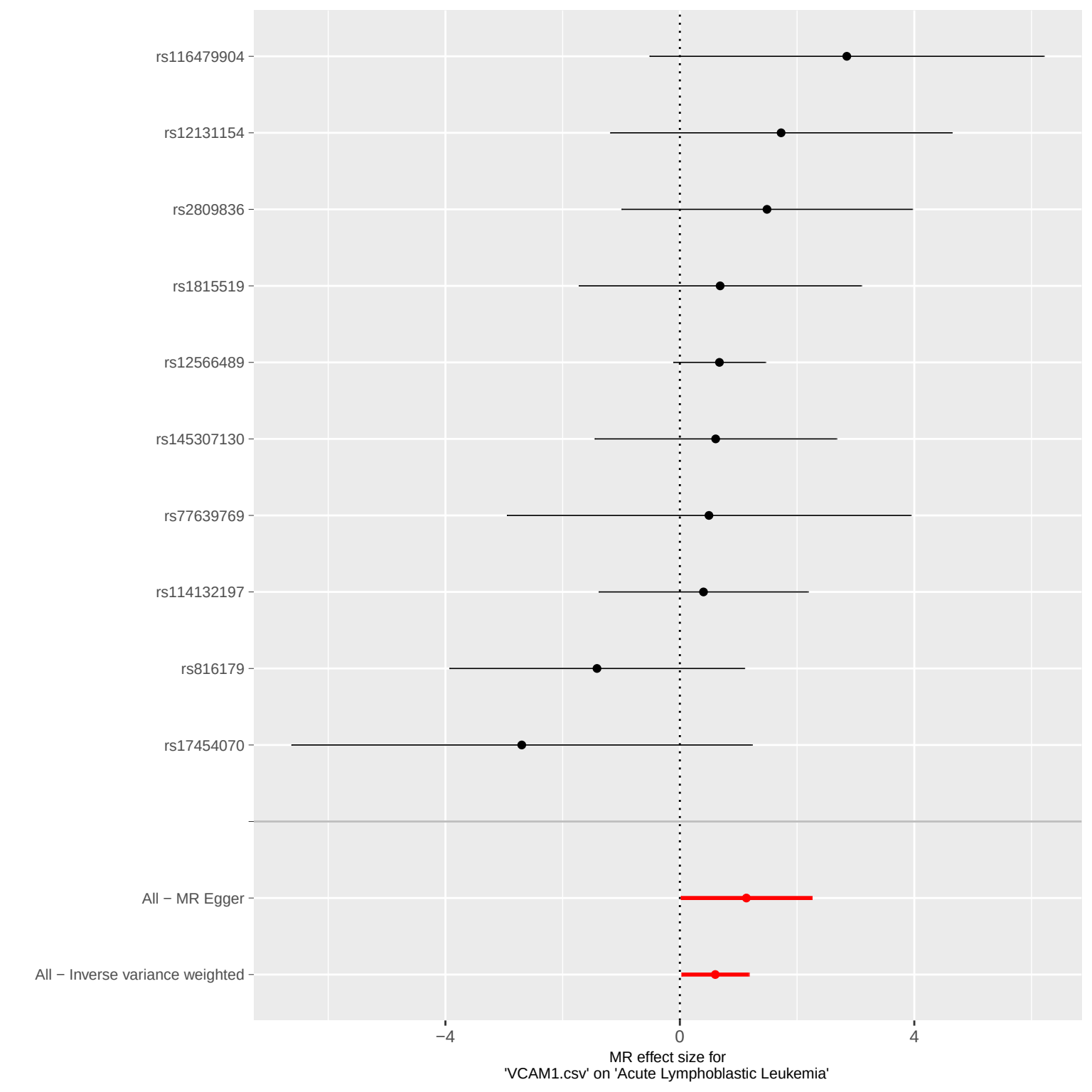
rs762548
rs7589663
rs112549036
rs193285189
rs10865478
rs62166770
rs79936301
rs116306855
rs12714141
rs13422558
rs116584359
rs6731223
rs35717723
rs76202693
rs116298919
rs150664639
rs77397999
rs6751560
rs2077079
rs75381329
rs62162714
rs56409903
rs138511106
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'VAMP5.csv' on 'Acute Lymphoblastic Leukemia'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rs12131154
rs2809836
rs1815519
rs12566489
rs145307130
rs77639769
rs114132197
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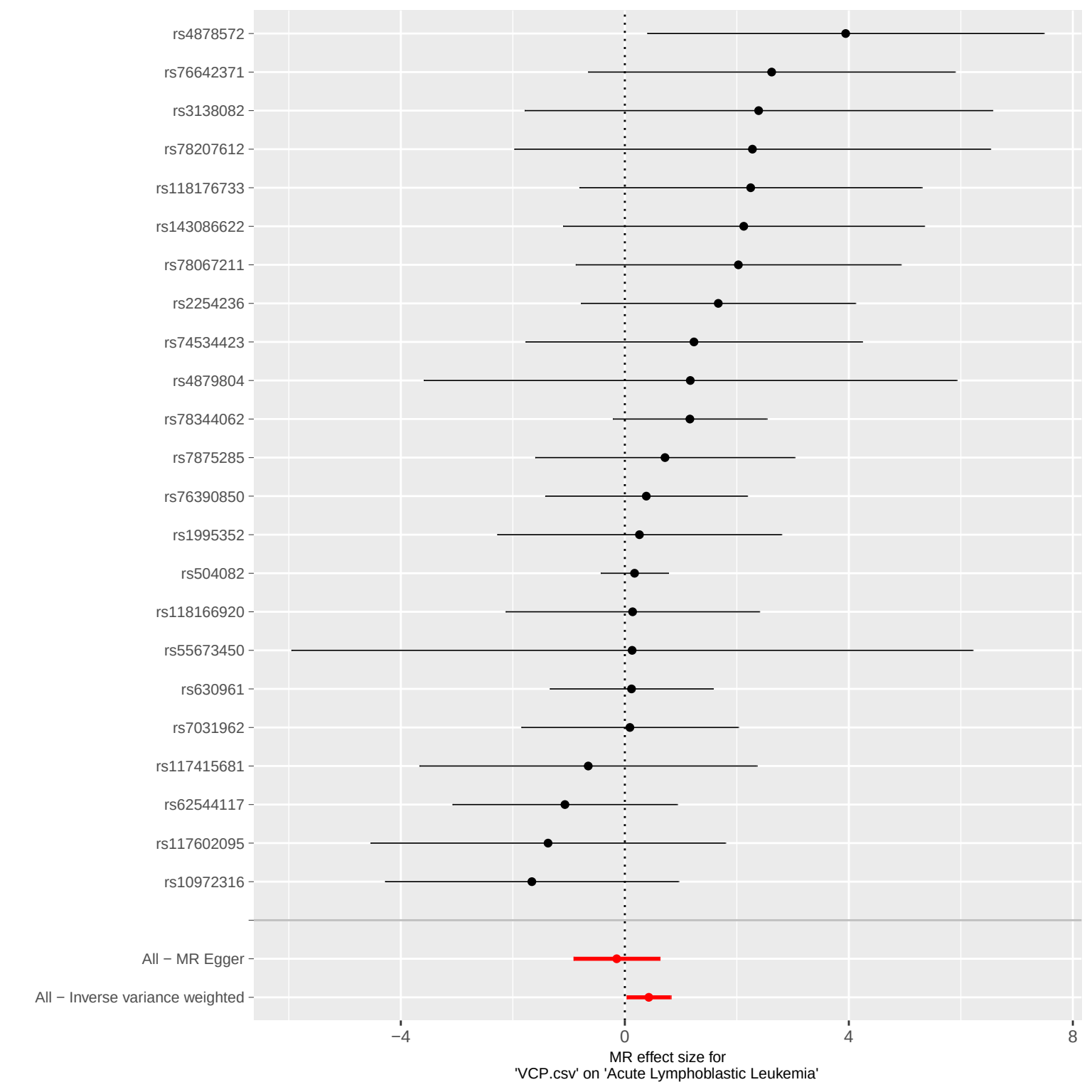
rs17454070
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'VCAM1.csv' on 'Acute Lymphoblastic Leukemia'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rs118176733
rs143086622
rs78067211
rs2254236
rs74534423
rs4879804
rs78344062
rs7875285
rs76390850
rs1995352
rs504082
rs118166920
rs55673450
rs630961
rs7031962
rs117415681
rs62544117
rs117602095
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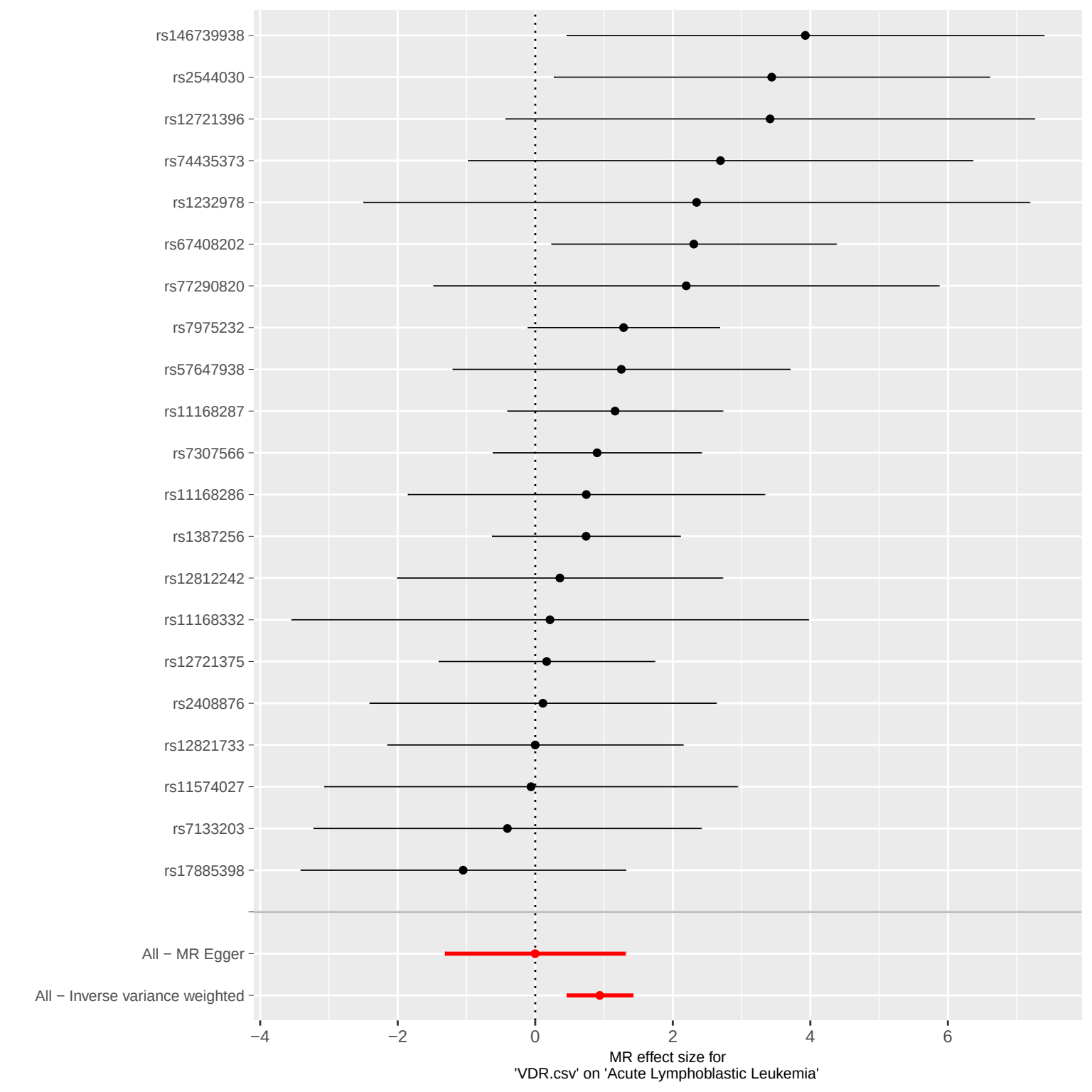
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'VCP.csv' on 'Acute Lymphoblastic Leukemia'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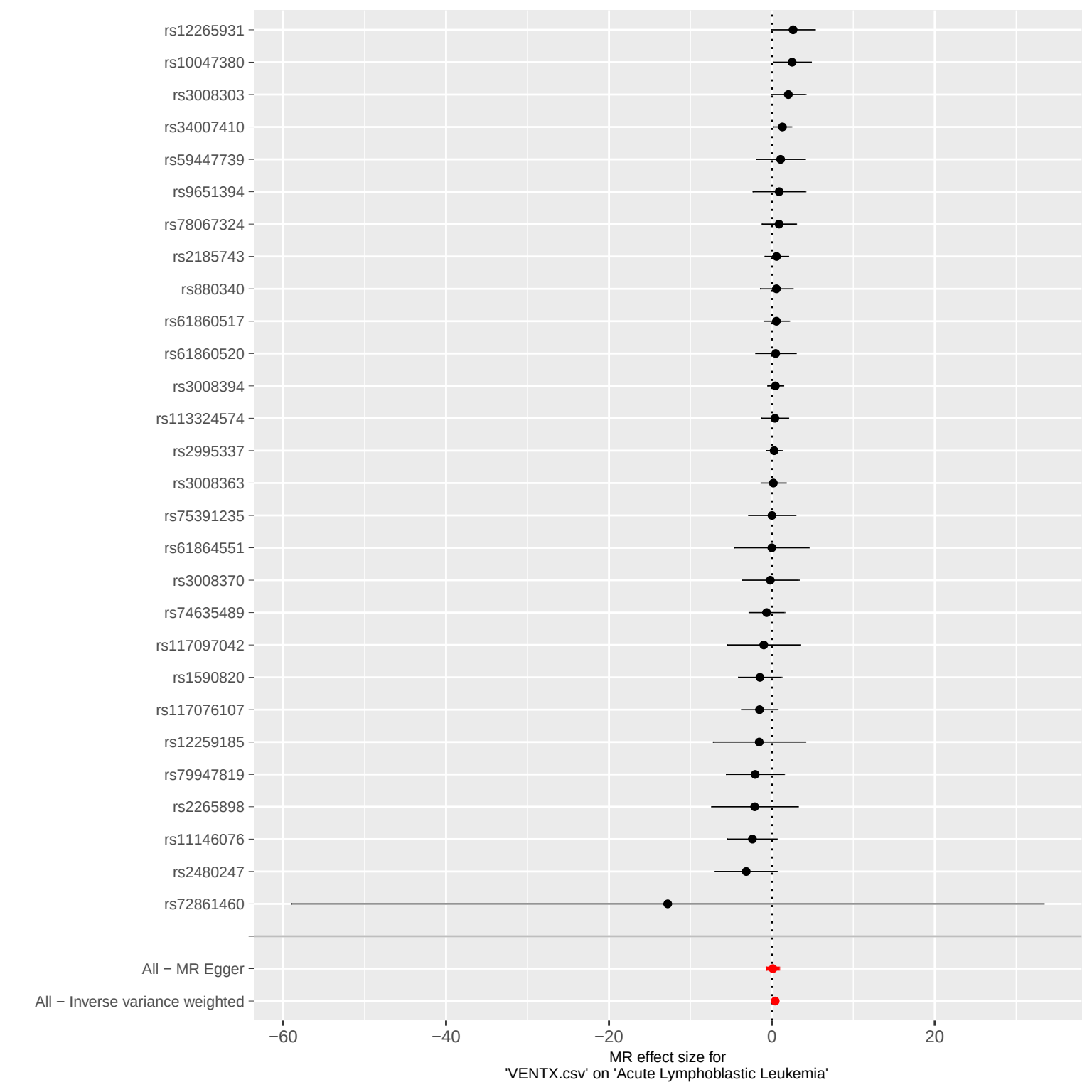
rs11168286
rs1387256
rs12812242
rs11168332
rs12721375
rs2408876
rs12821733
rs11574027
rs7133203
rs17885398
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'VDR.csv' on 'Acute Lymphoblastic Leukemia'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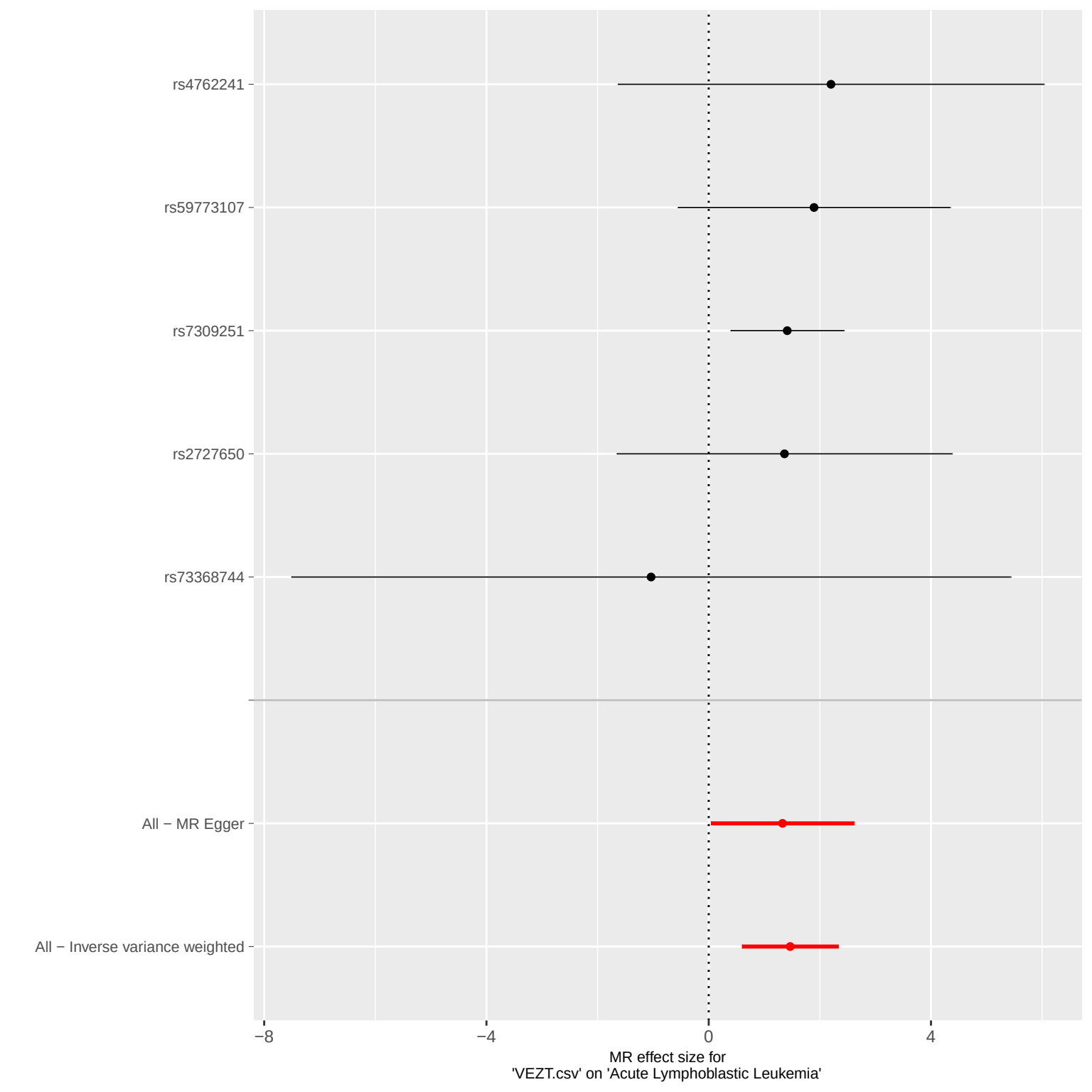
rs61860517
rs61860520
rs3008394
rs113324574
rs2995337
rs3008363
rs75391235
rs61864551
rs3008370
rs74635489
rs117097042
rs1590820
rs117076107
rs12259185
rs79947819
rs2265898
rs11146076
rs2480247
rs72861460
All − MR Egger
All − Inverse variance weighted
−60
−40
−20
0
20
MR effect size for
'VENTX.csv' on 'Acute Lymphoblastic Leukemia'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rs59773107
rs7309251
rs2727650
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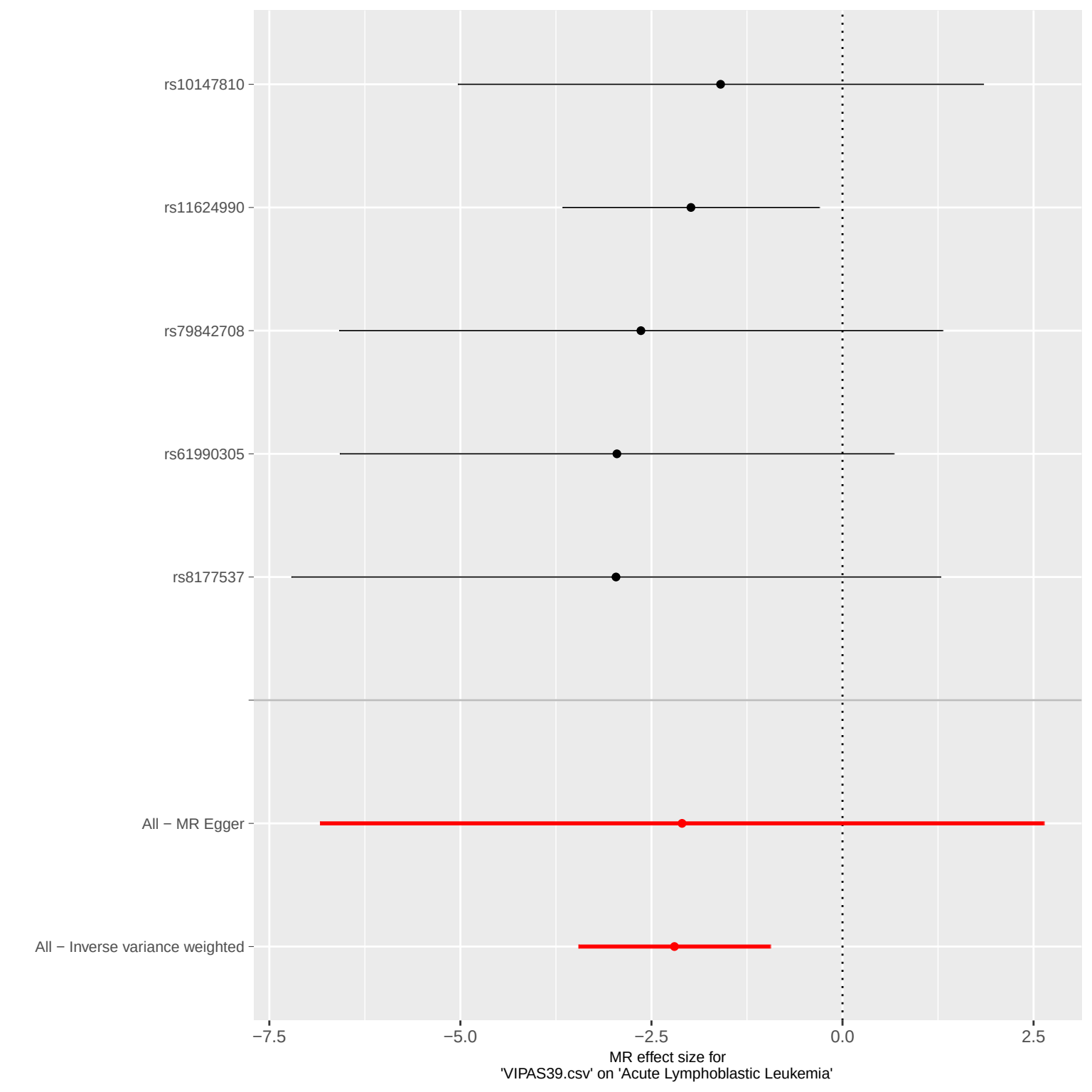
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'VEZT.csv' on 'Acute Lymphoblastic Leukemia'


rs10147810
rs11624990
rs79842708
rs61990305
rs8177537
All − MR Egger
All − Inverse variance weighted
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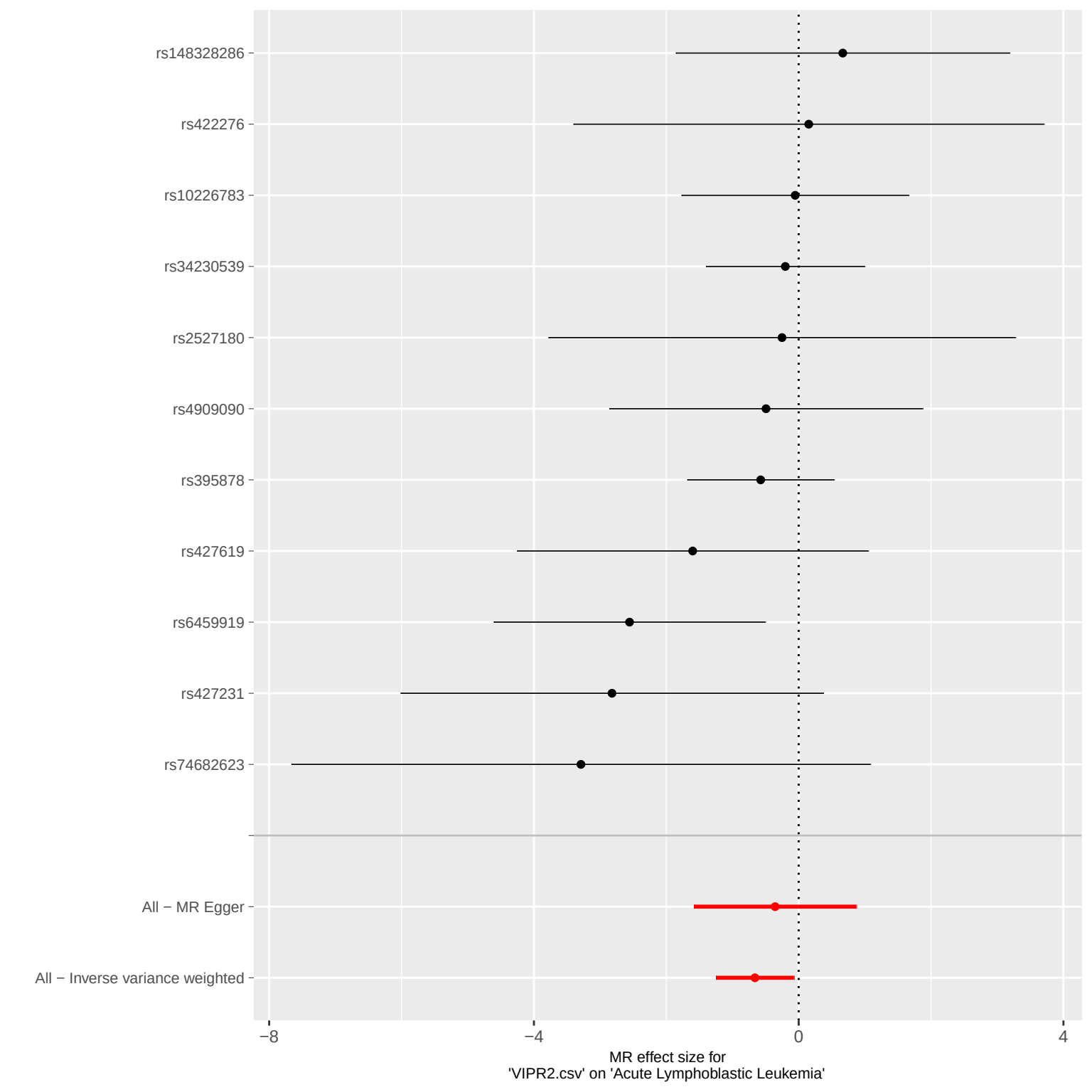
−5.0
−2.5
0.0
2.5
MR effect size for
'VIPAS39.csv' on 'Acute Lymphoblastic Leukemia'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rs422276
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rs395878
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All − MR Egger
All − Inverse variance weighted
−8
−4
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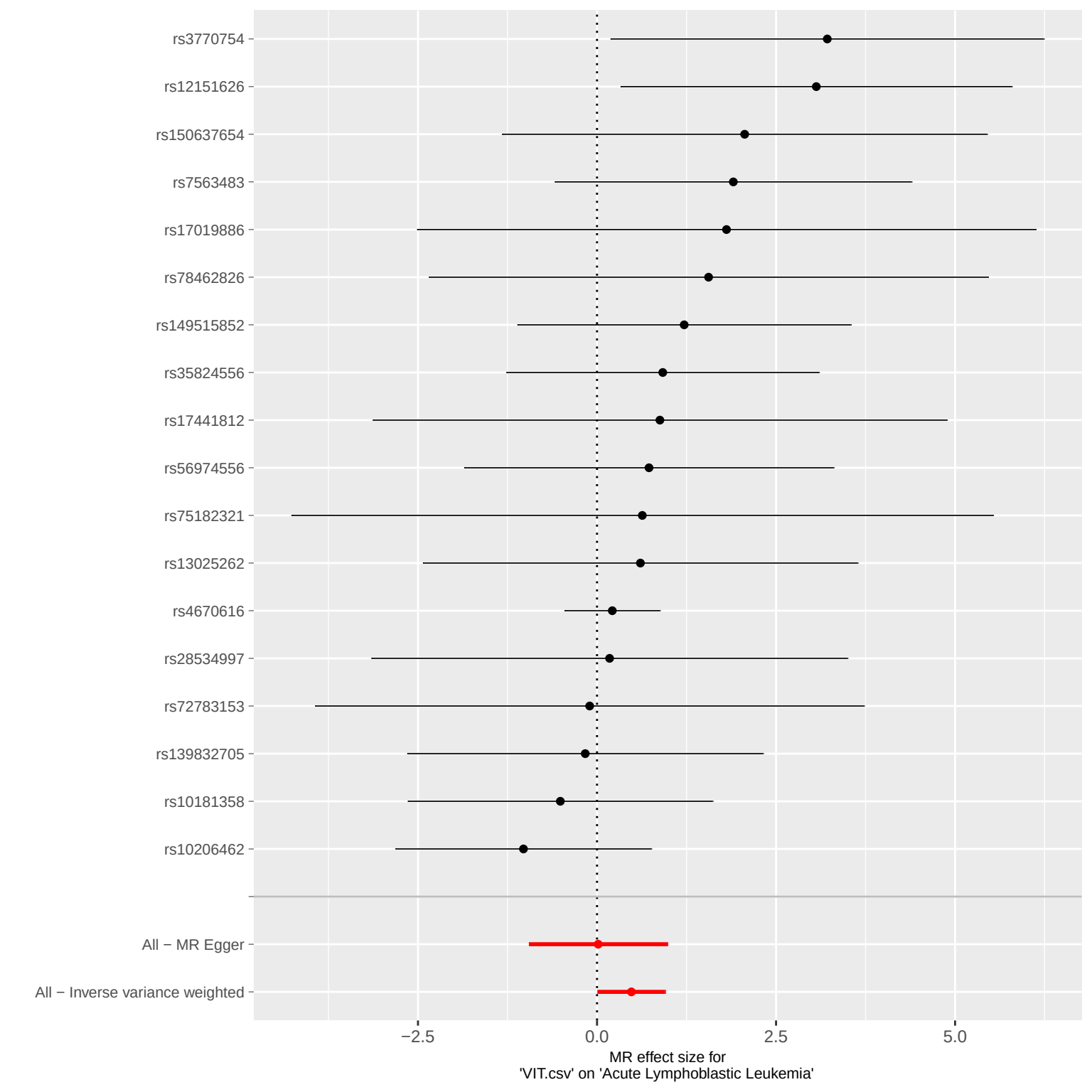
4
MR effect size for
'VIPR2.csv' on 'Acute Lymphoblastic Leukemia'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rs7563483
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rs78462826
rs149515852
rs35824556
rs17441812
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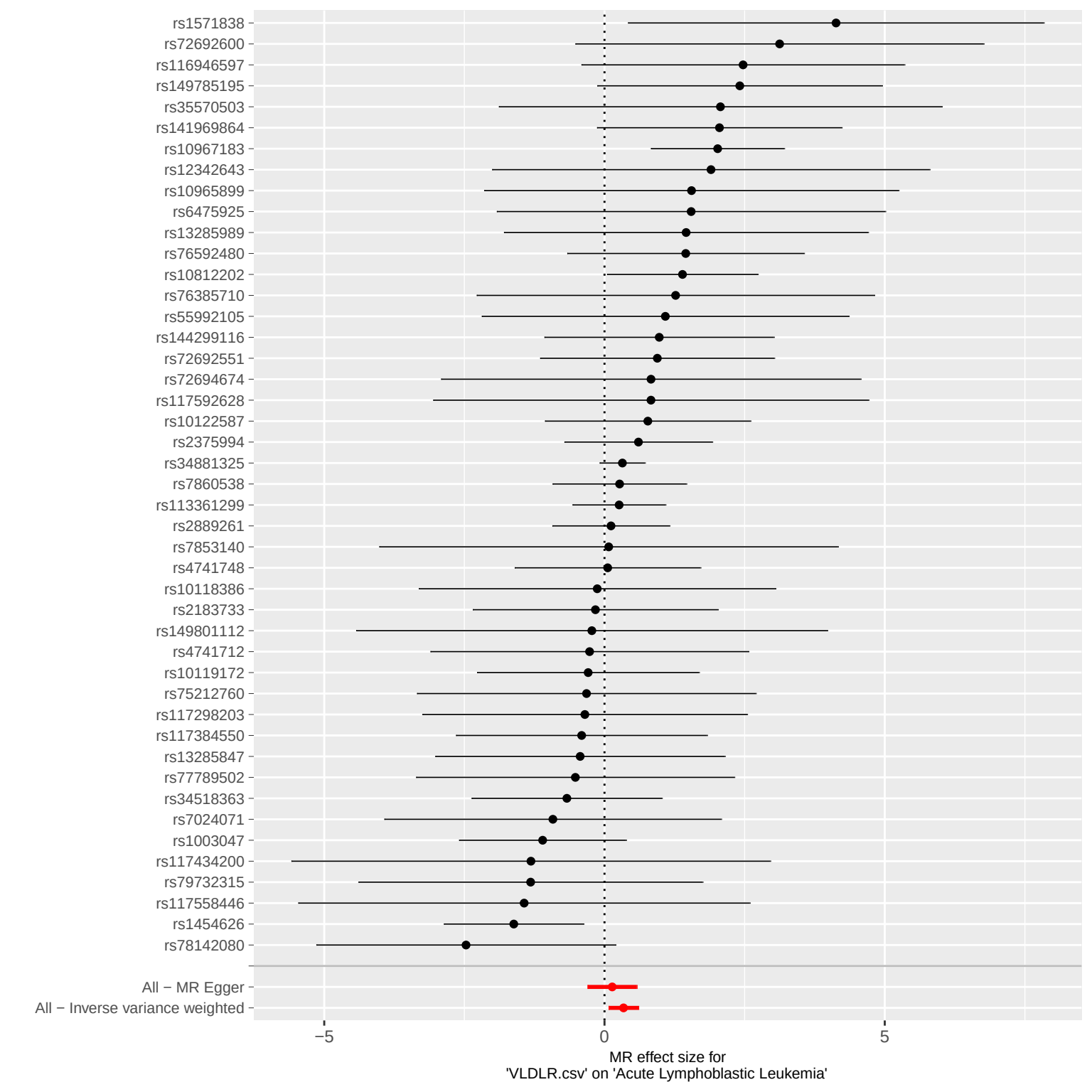
rs75182321
rs13025262
rs4670616
rs28534997
rs72783153
rs139832705
rs10181358
rs10206462
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'VIT.csv' on 'Acute Lymphoblastic Leukemia'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rs10812202
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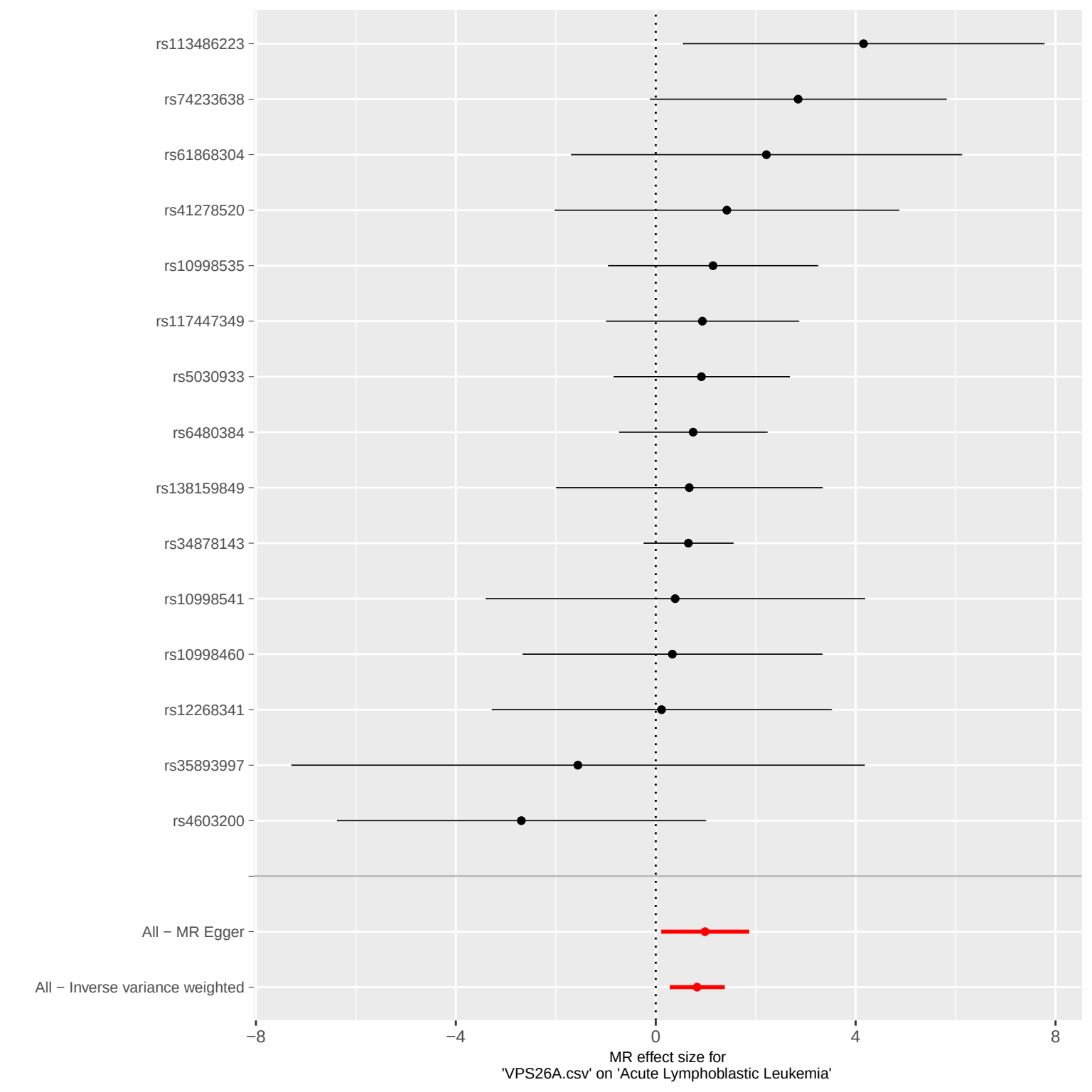
rs144299116
rs72692551
rs72694674
rs117592628
rs10122587
rs2375994
rs34881325
rs7860538
rs113361299
rs2889261
rs7853140
rs4741748
rs10118386
rs2183733
rs149801112
rs4741712
rs10119172
rs75212760
rs117298203
rs117384550
rs13285847
rs77789502
rs34518363
rs7024071
rs1003047
rs117434200
rs79732315
rs117558446
rs1454626
rs78142080
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'VLDLR.csv' on 'Acute Lymphoblastic Leukemia'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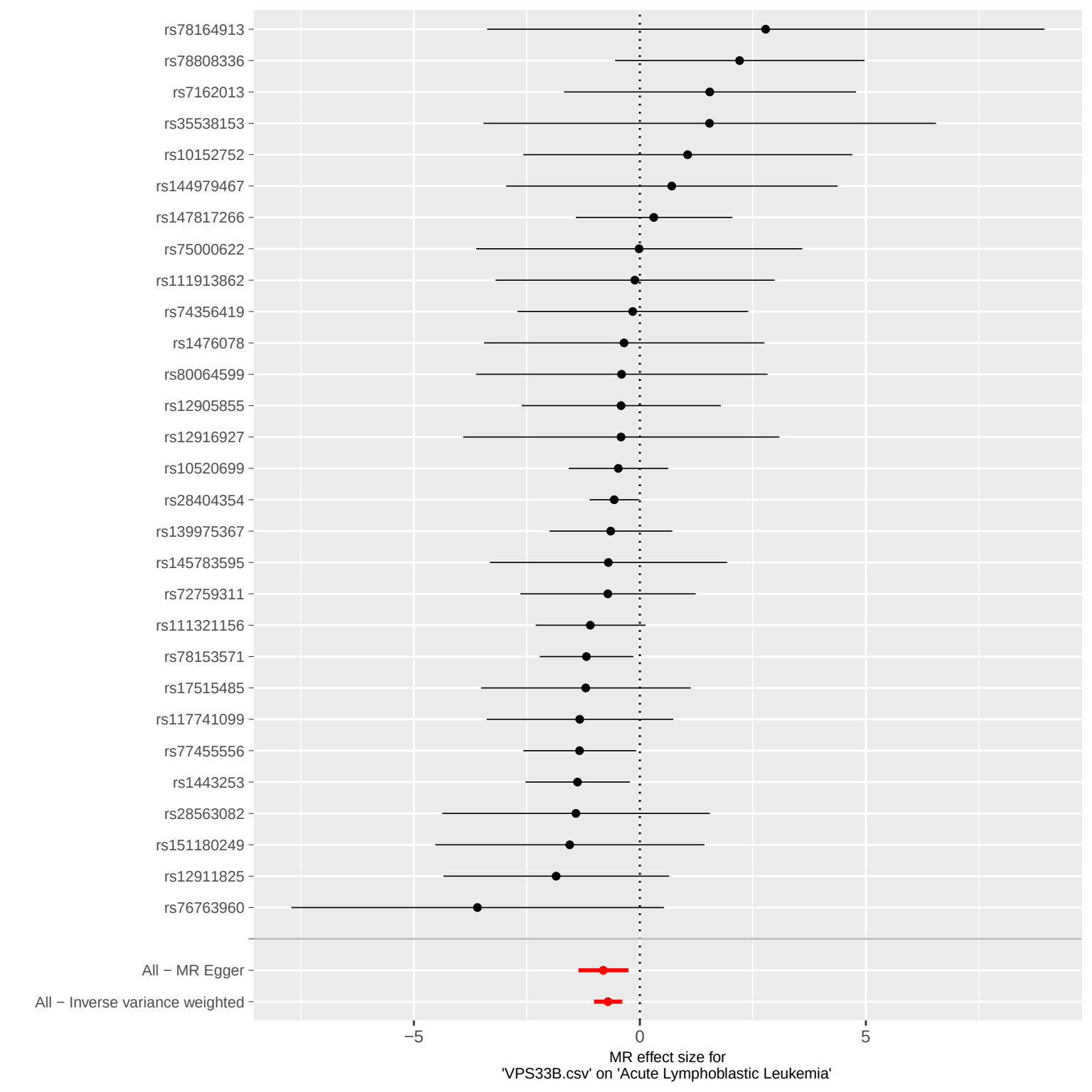
rs117447349
rs5030933
rs6480384
rs138159849
rs34878143
rs10998541
rs10998460
rs12268341
rs35893997
rs4603200
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
8
MR effect size for
'VPS26A.csv' on 'Acute Lymphoblastic Leukemia'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rs80064599
rs12905855
rs12916927
rs10520699
rs28404354
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rs145783595
rs72759311
rs111321156
rs78153571
rs17515485
rs117741099
rs77455556
rs1443253
rs28563082
rs151180249
rs12911825
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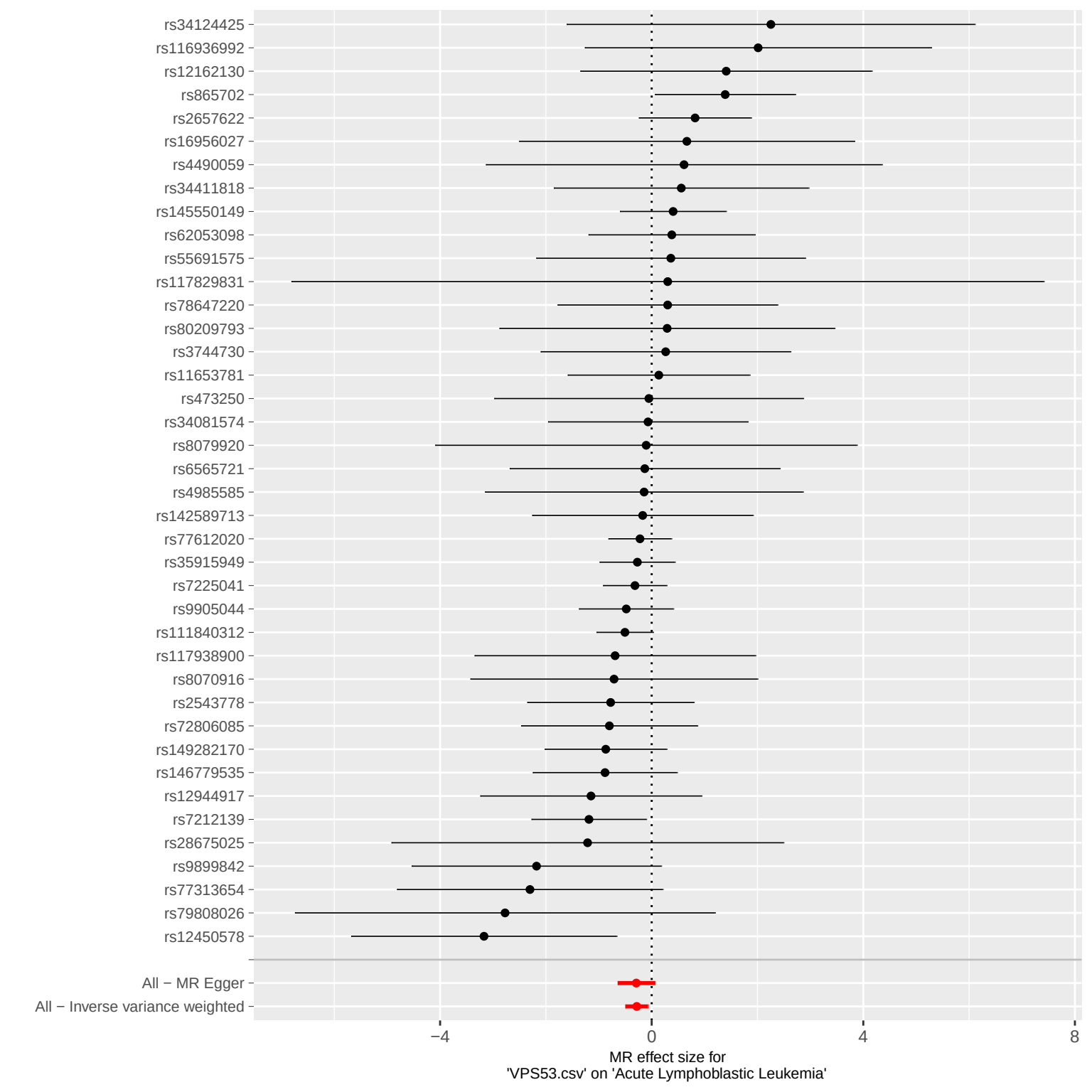
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'VPS33B.csv' on 'Acute Lymphoblastic Leukemia'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rs149282170
rs146779535
rs12944917
rs7212139
rs28675025
rs9899842
rs77313654
rs79808026
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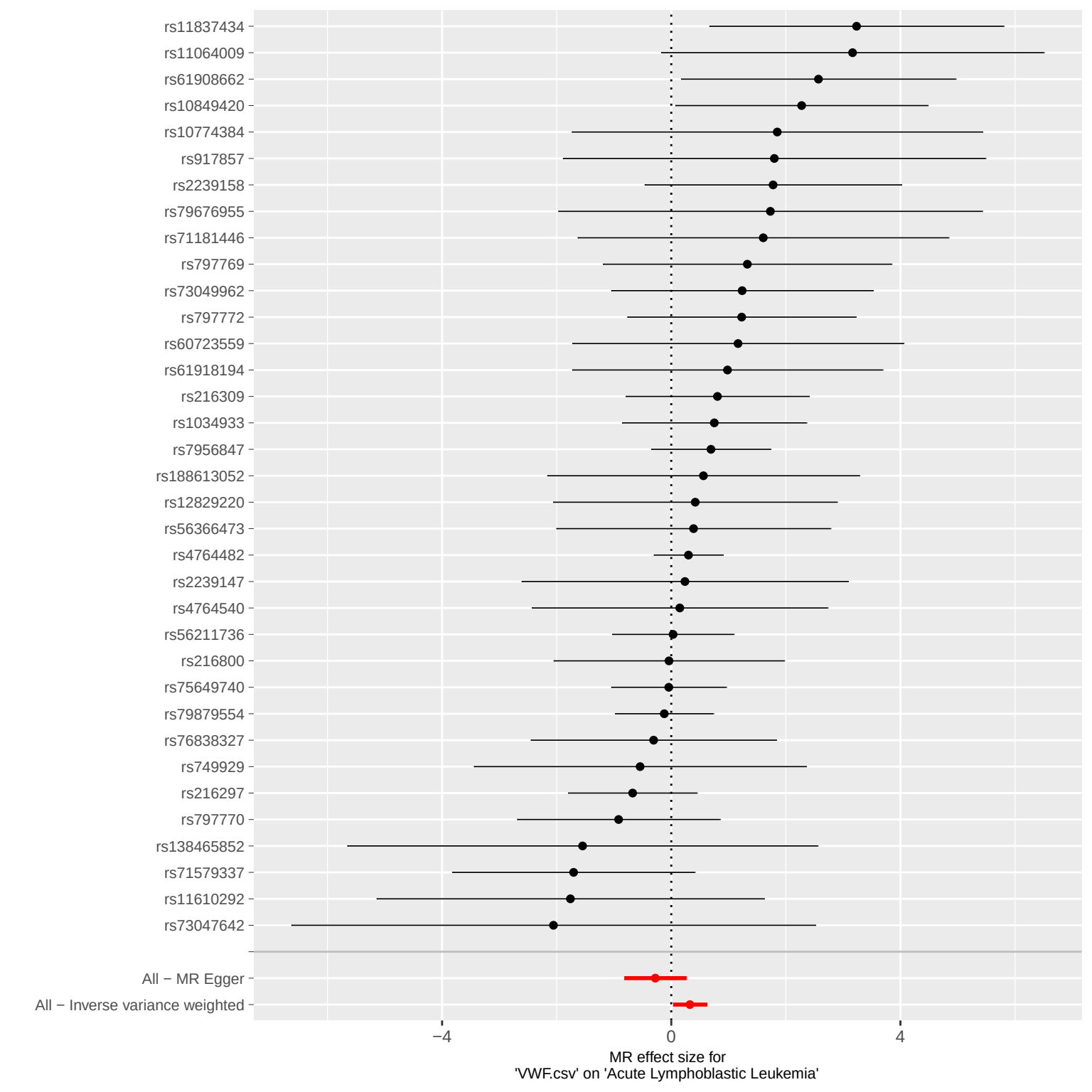
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'VPS53.csv' on 'Acute Lymphoblastic Leukemia'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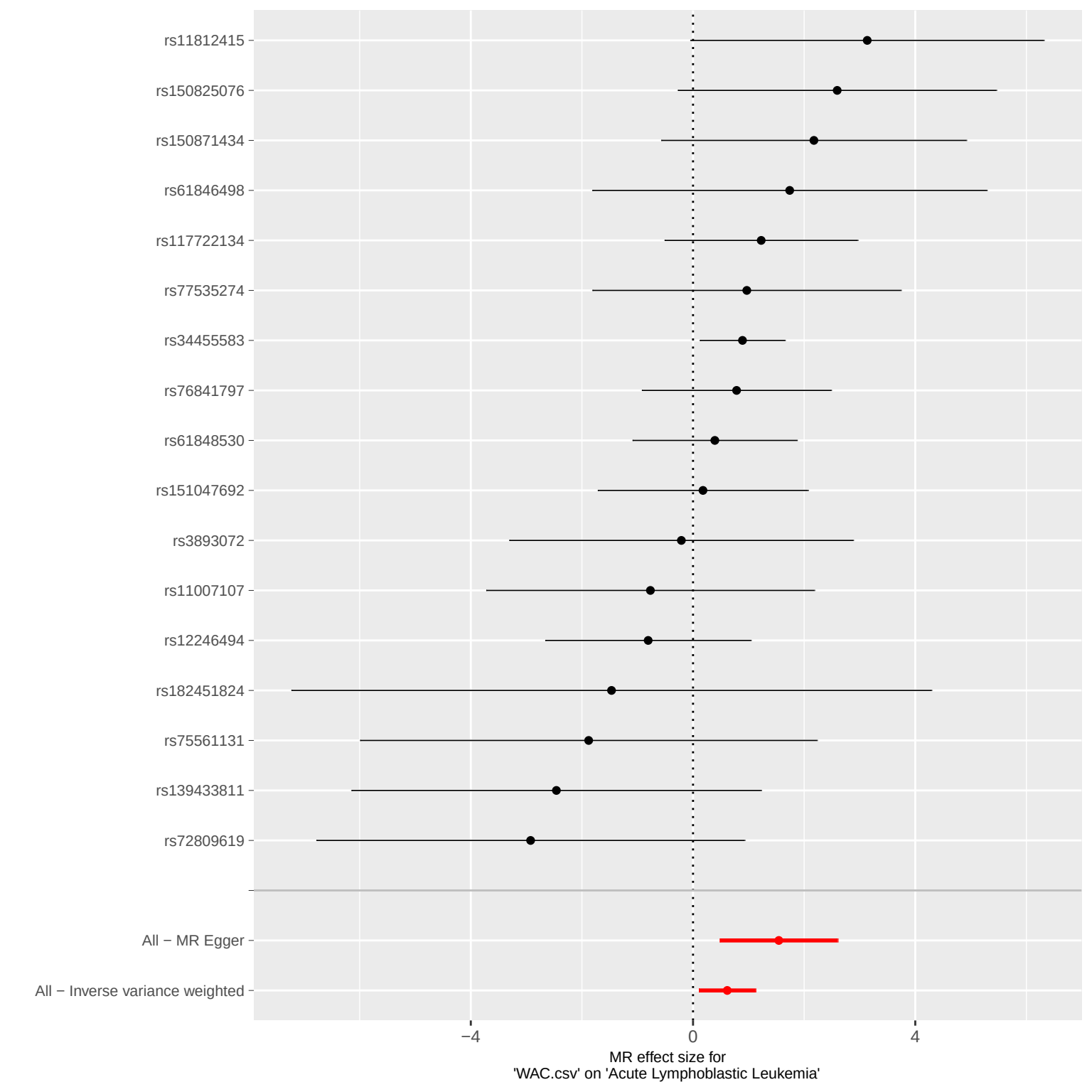
rs75649740
rs79879554
rs76838327
rs749929
rs216297
rs797770
rs138465852
rs71579337
rs11610292
rs73047642
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'VWF.csv' on 'Acute Lymphoblastic Leukemia'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rs77535274
rs34455583
rs76841797
rs61848530
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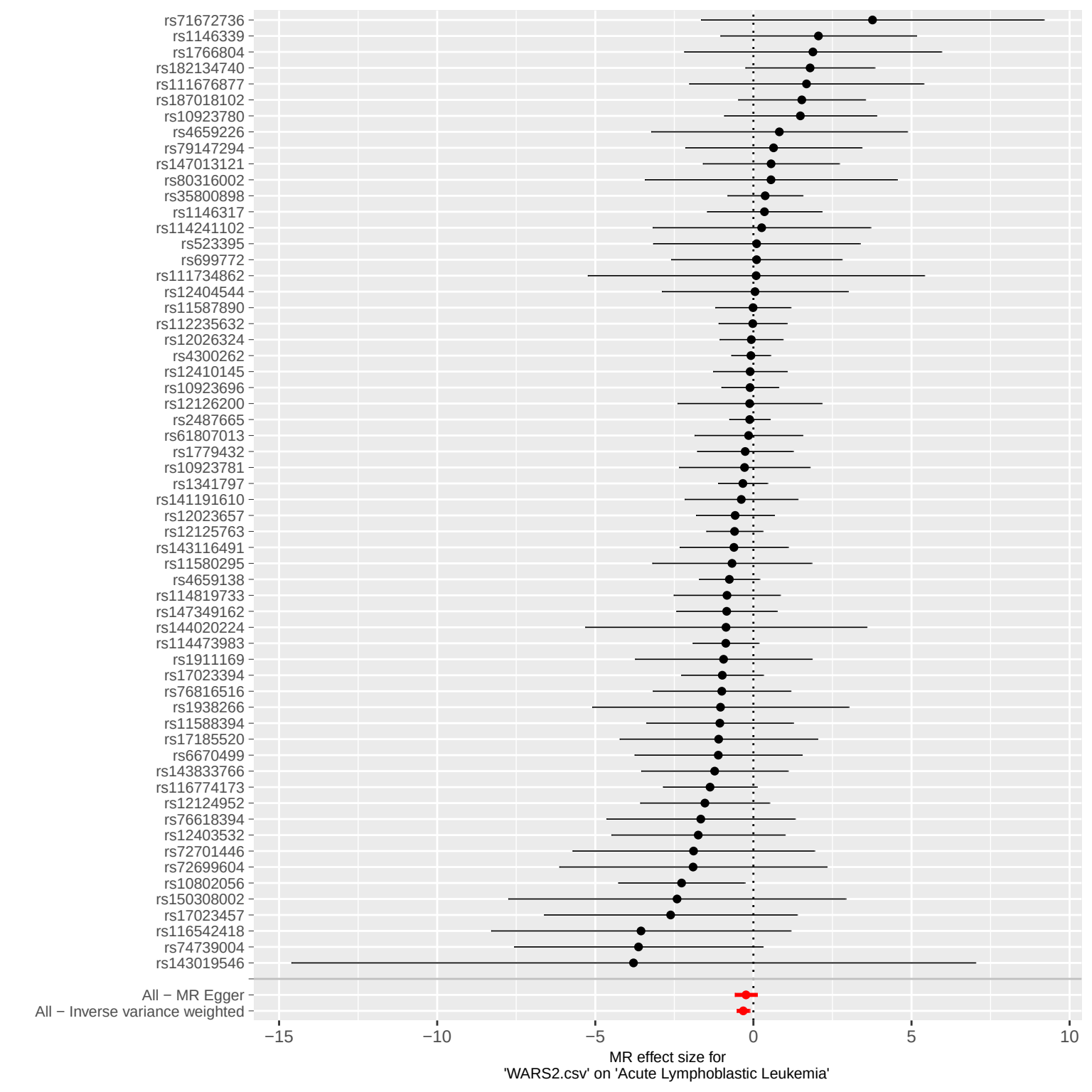
rs3893072
rs11007107
rs12246494
rs182451824
rs75561131
rs139433811
rs72809619
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'WAC.csv' on 'Acute Lymphoblastic Leukemia'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rs35800898
rs1146317
rs114241102
rs523395
rs699772
rs111734862
rs12404544
rs11587890
rs112235632
rs12026324
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rs17023394
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rs1938266
rs11588394
rs17185520
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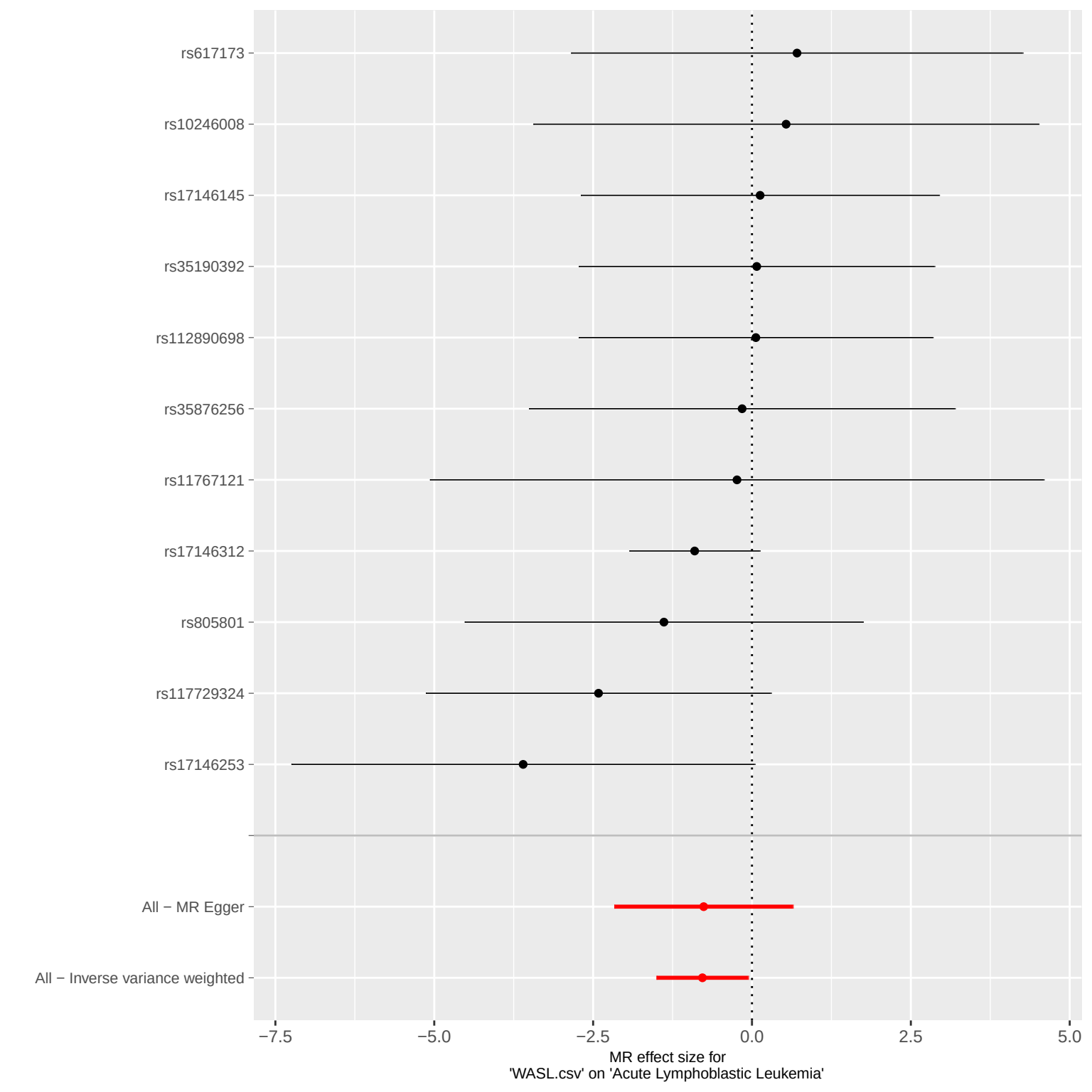
rs143833766
rs116774173
rs12124952
rs76618394
rs12403532
rs72701446
rs72699604
rs10802056
rs150308002
rs17023457
rs116542418
rs74739004
rs143019546
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
10
MR effect size for
'WARS2.csv' on 'Acute Lymphoblastic Leukemia'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rs35190392
rs112890698
rs35876256
rs11767121
rs17146312
rs805801
rs117729324
rs17146253
All − MR Egger
All − Inverse variance weighted
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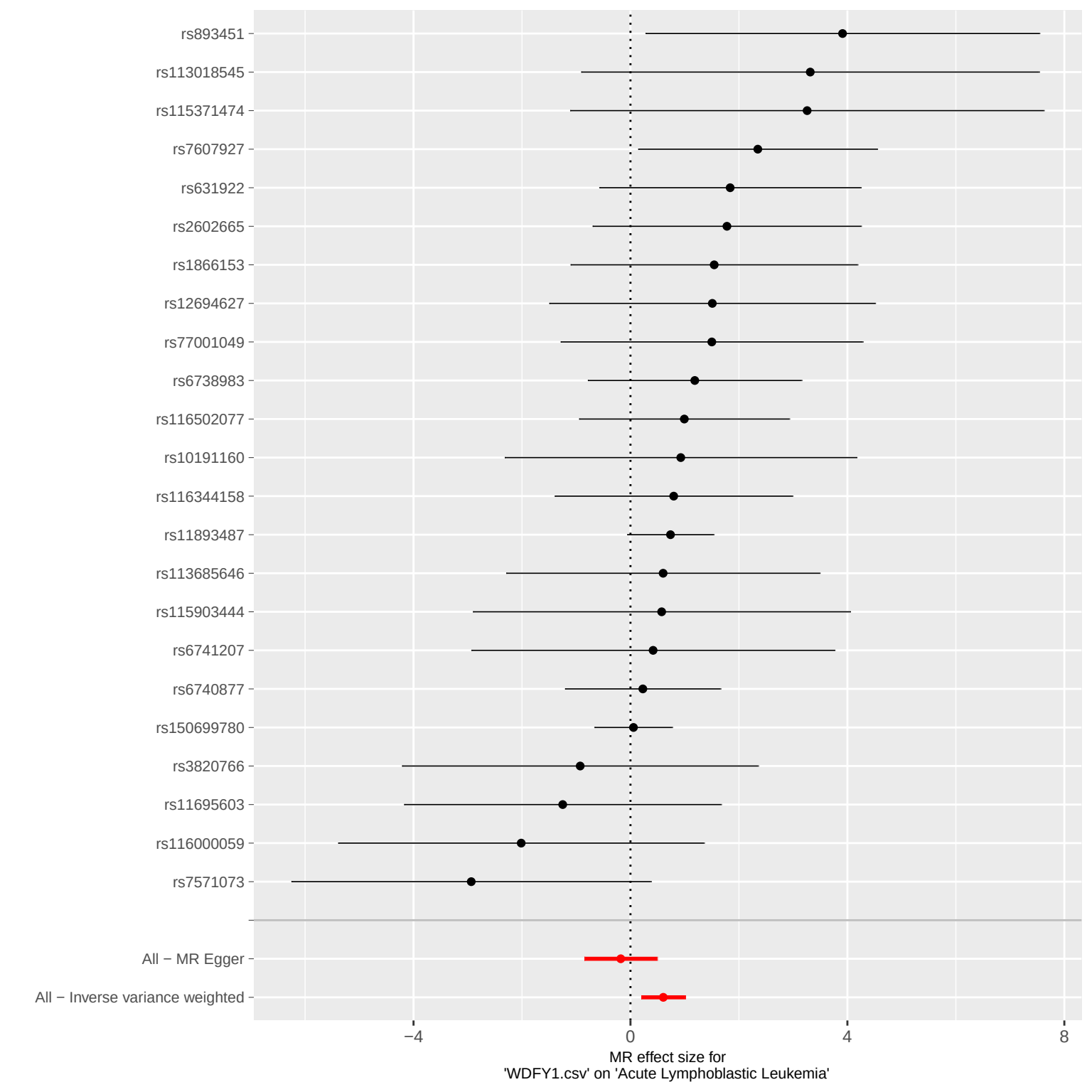
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'WASL.csv' on 'Acute Lymphoblastic Leukemia'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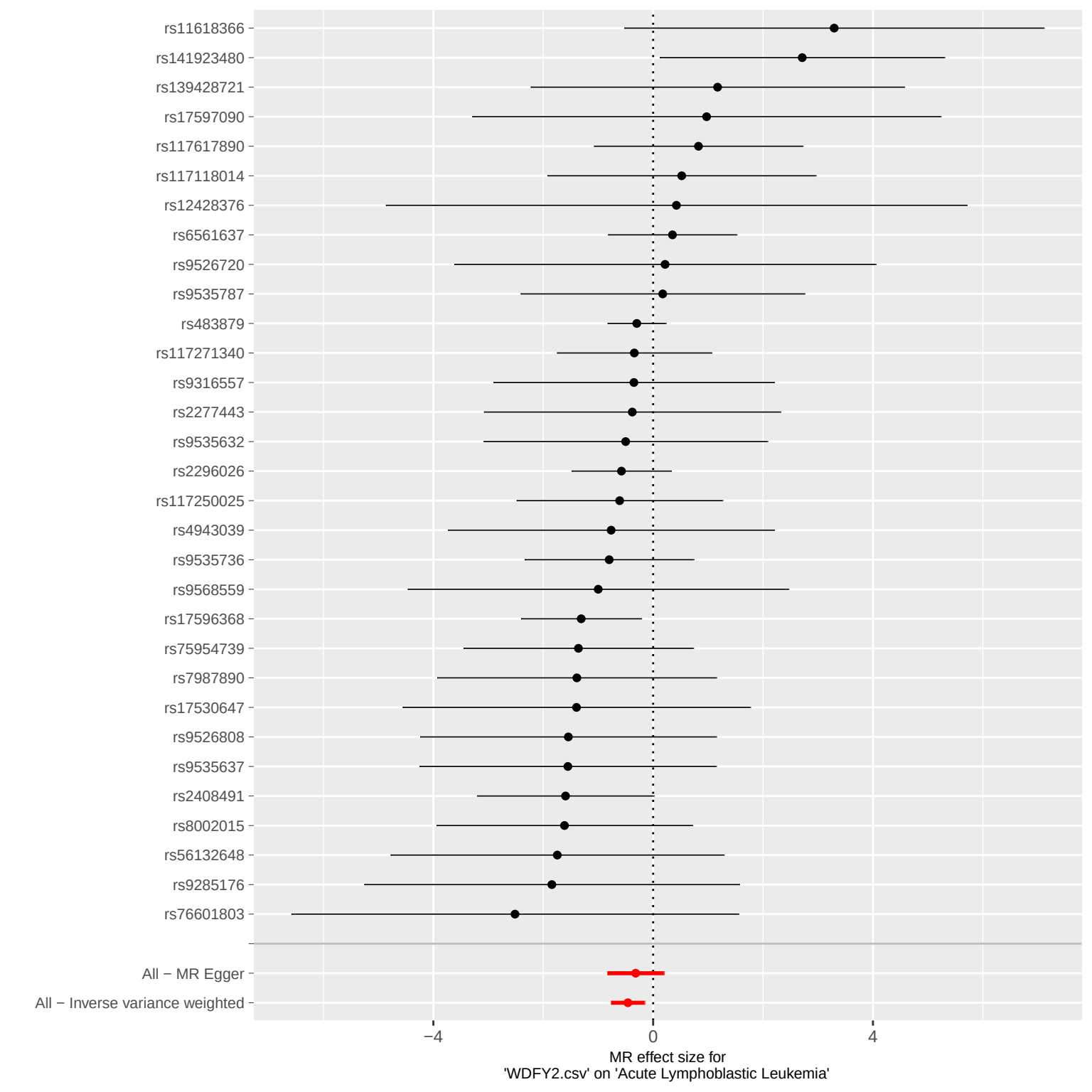
rs77001049
rs6738983
rs116502077
rs10191160
rs116344158
rs11893487
rs113685646
rs115903444
rs6741207
rs6740877
rs150699780
rs3820766
rs11695603
rs116000059
rs7571073
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'WDFY1.csv' on 'Acute Lymphoblastic Leukemia'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rs7987890
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rs56132648
rs9285176
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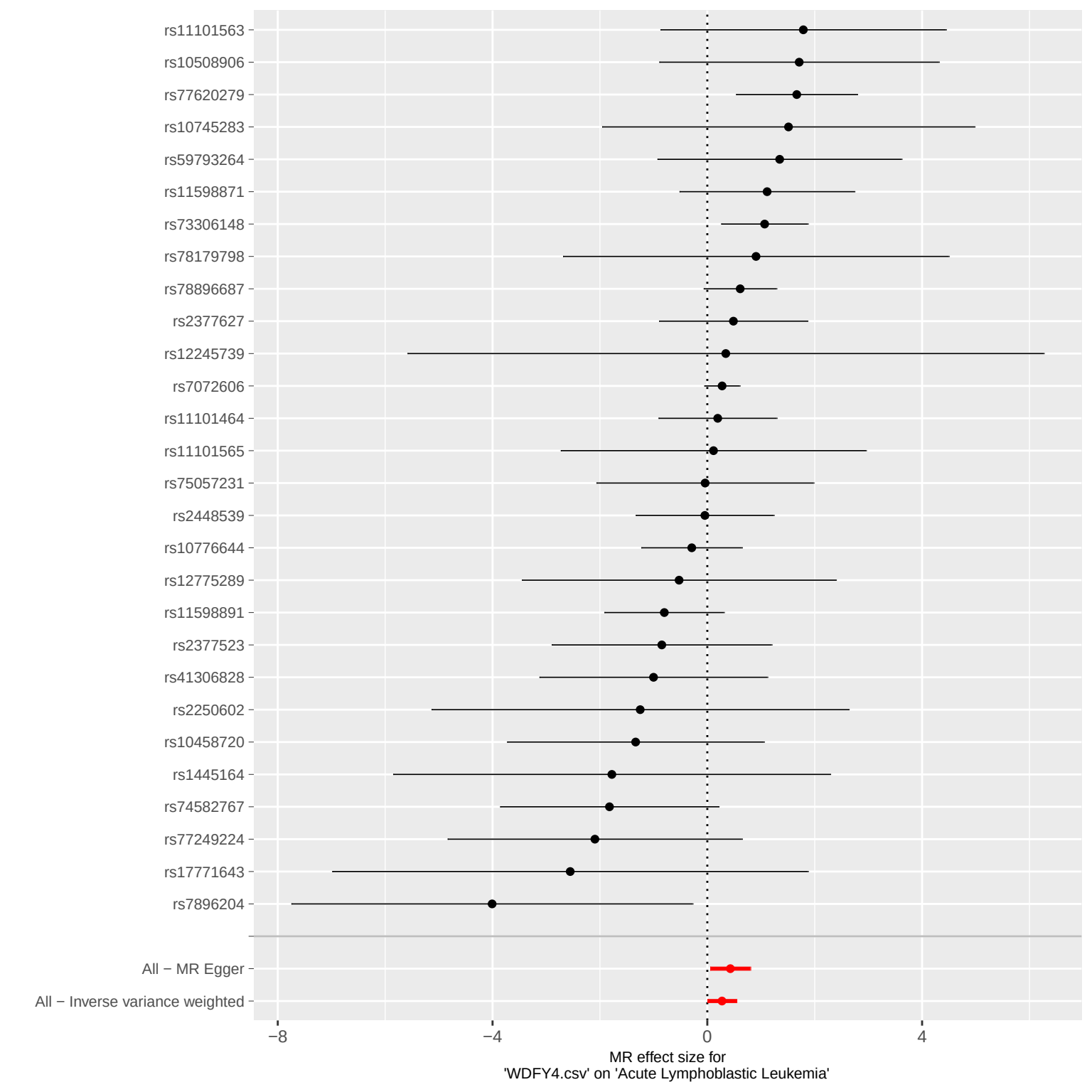
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'WDFY2.csv' on 'Acute Lymphoblastic Leukemia'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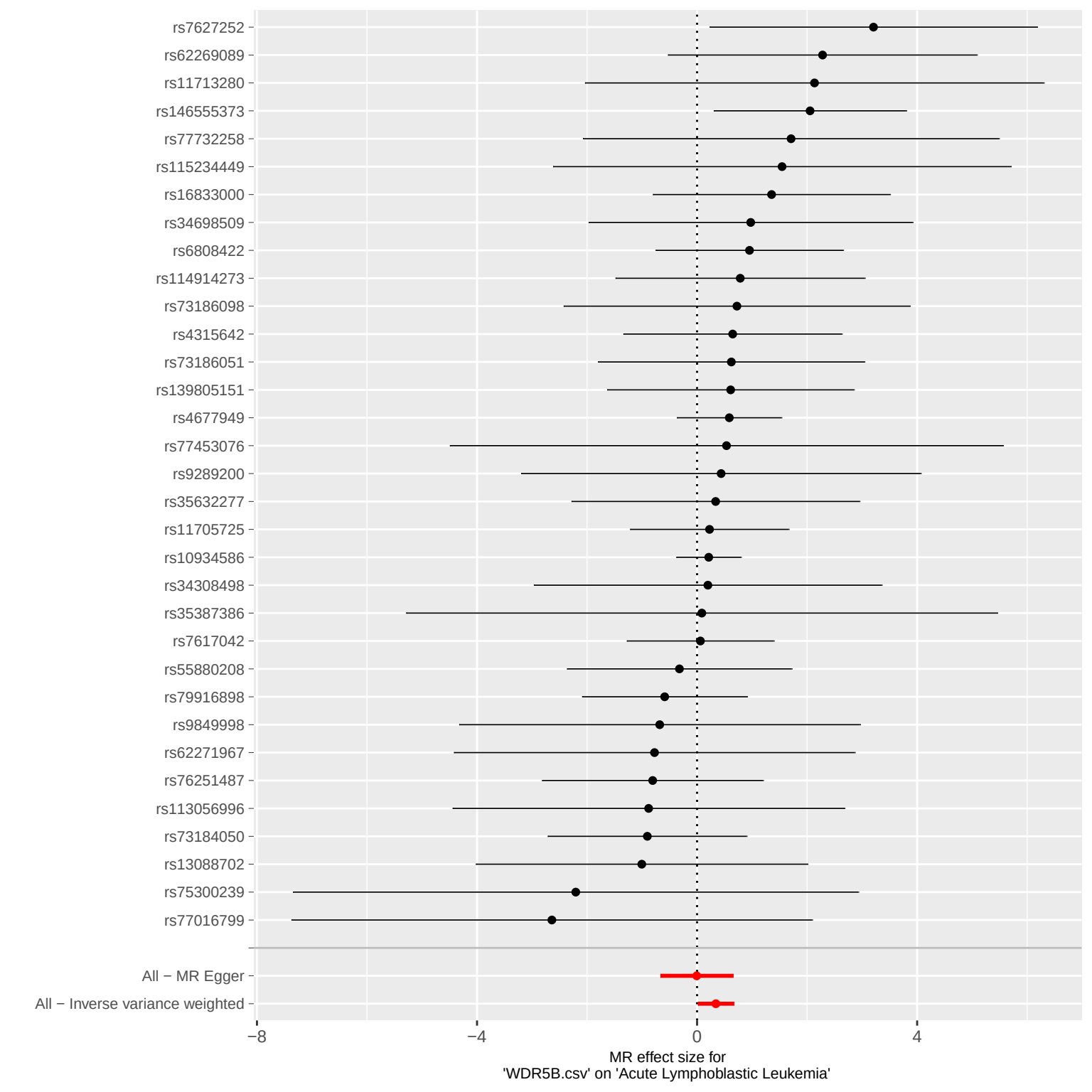
rs11101565
rs75057231
rs2448539
rs10776644
rs12775289
rs11598891
rs2377523
rs41306828
rs2250602
rs10458720
rs1445164
rs74582767
rs77249224
rs17771643
rs7896204
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'WDFY4.csv' on 'Acute Lymphoblastic Leukemia'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rs79916898
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rs62271967
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rs13088702
rs75300239
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All − MR Egger
All − Inverse variance weighted
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−4
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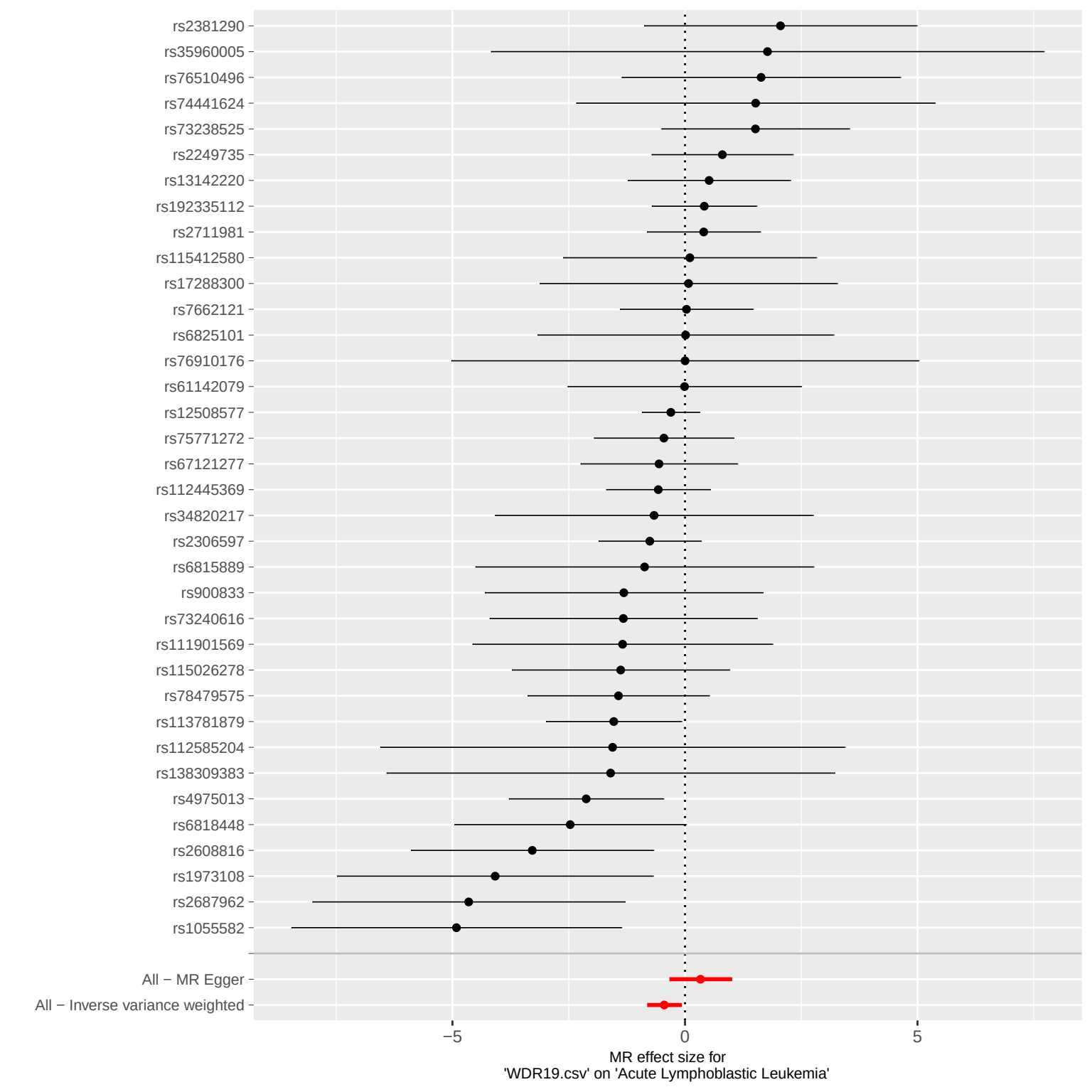
MR effect size for
'WDR5B.csv' on 'Acute Lymphoblastic Leukemia'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rs7662121
rs6825101
rs76910176
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rs78479575
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rs112585204
rs138309383
rs4975013
rs6818448
rs2608816
rs1973108
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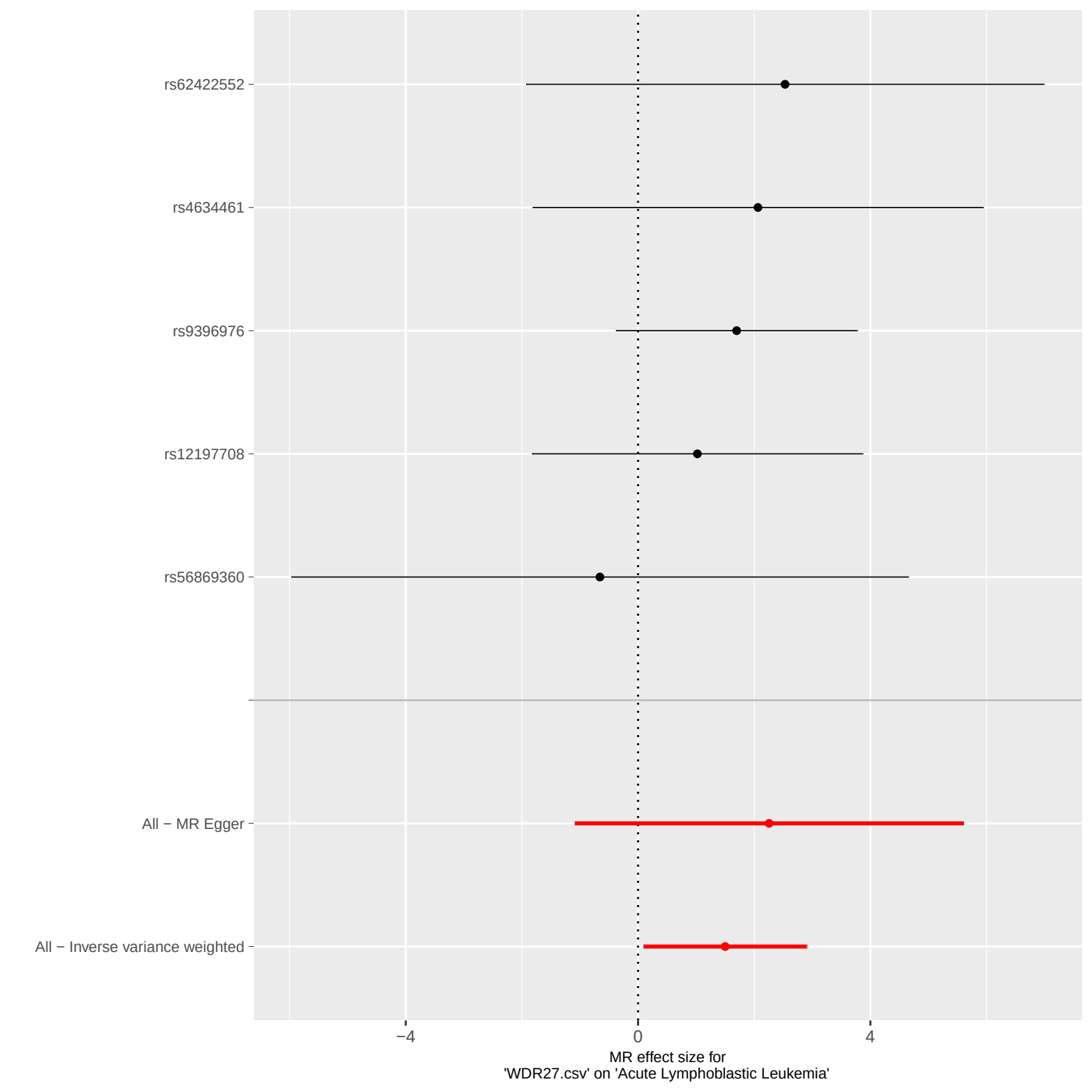
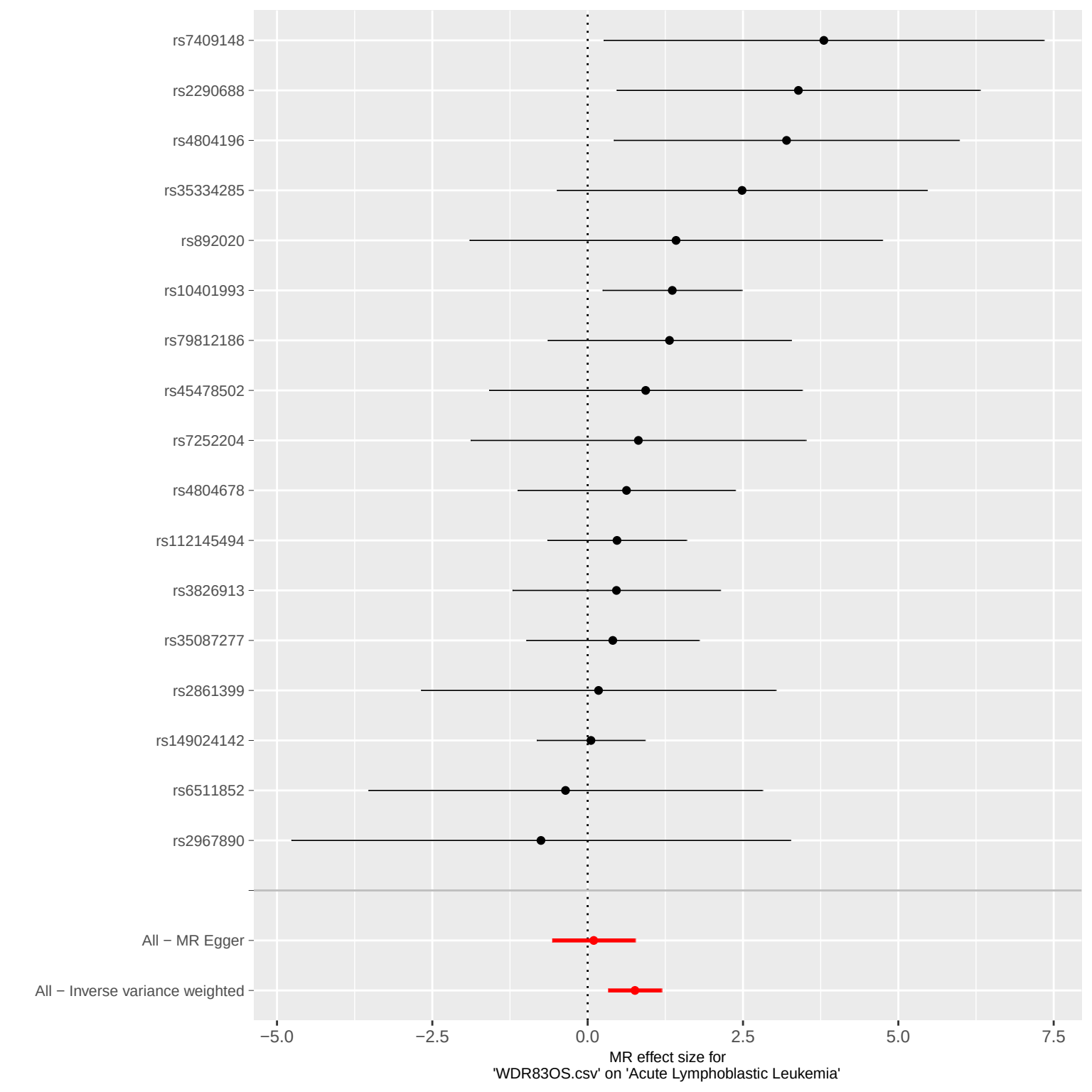
rs1055582
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'WDR19.csv' on 'Acute Lymphoblastic Leukemia'


rs62422552
rs4634461
rs9396976
rs12197708
rs56869360
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'WDR27.csv' on 'Acute Lymphoblastic Leukemia'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rs2861399
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rs6511852
rs2967890
All − MR Egger
All − Inverse variance weighted
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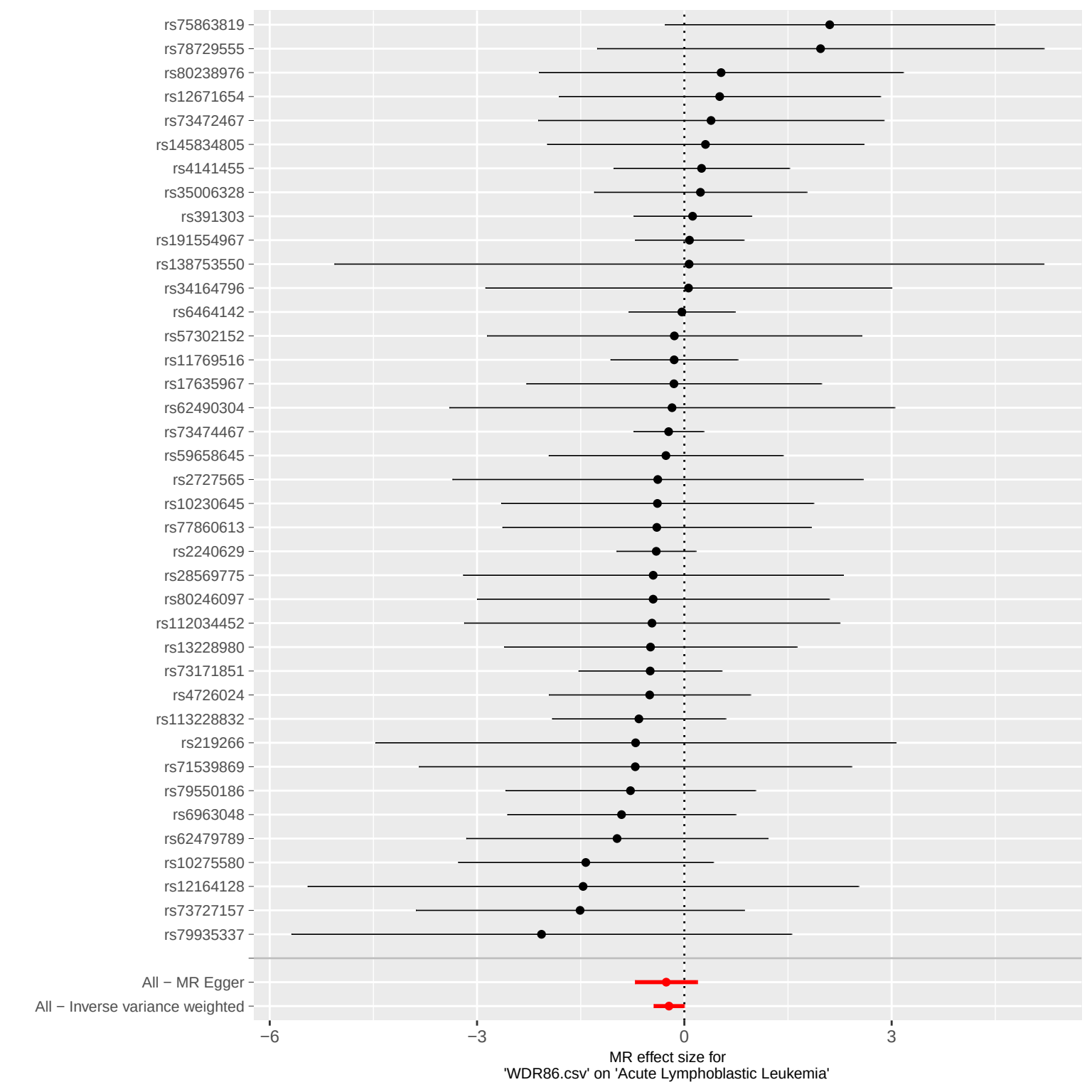
0.0
2.5
5.0
7.5
MR effect size for
'WDR83OS.csv' on 'Acute Lymphoblastic Leukemia'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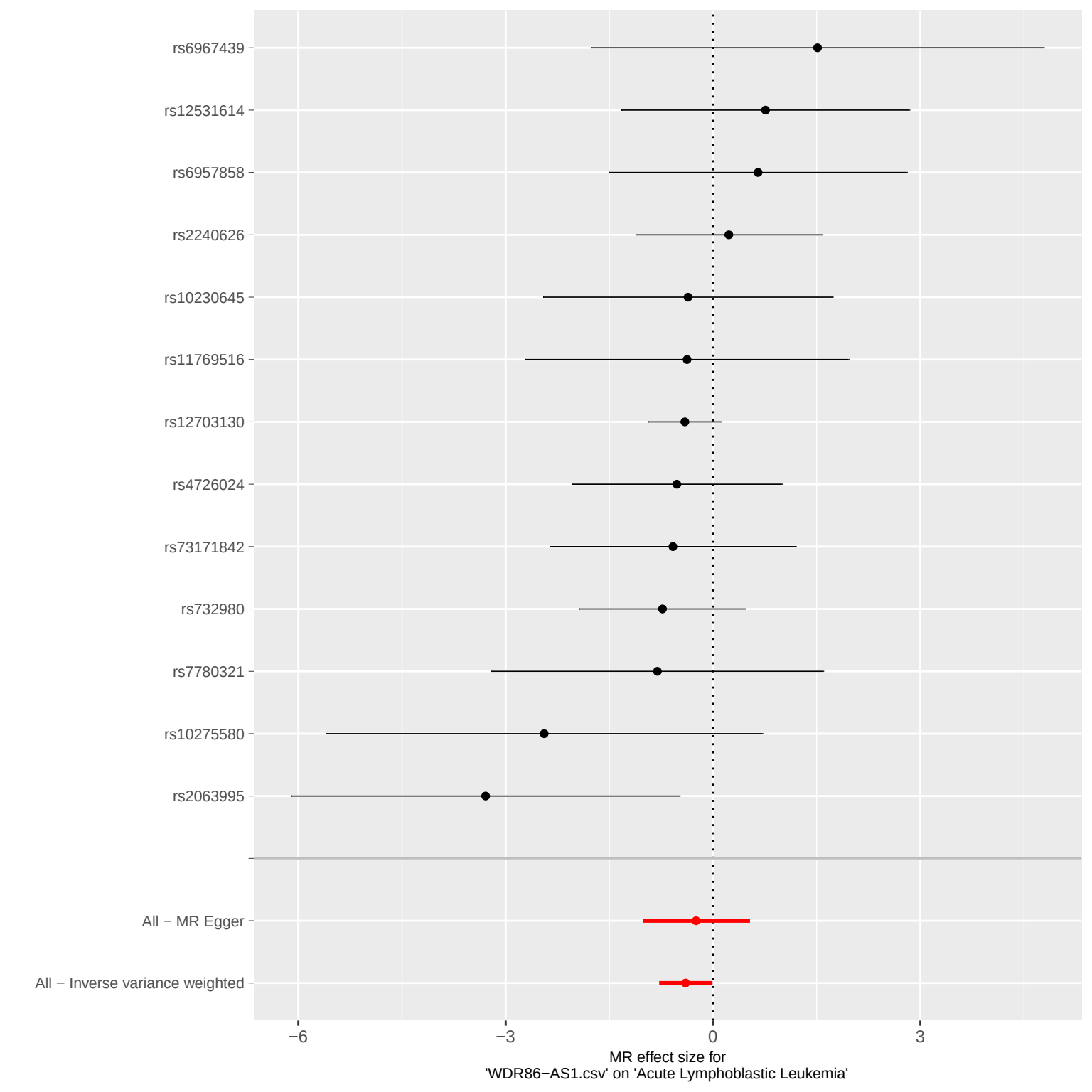
rs79550186
rs6963048
rs62479789
rs10275580
rs12164128
rs73727157
rs79935337
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'WDR86.csv' on 'Acute Lymphoblastic Leukemia'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rs732980
rs7780321
rs10275580
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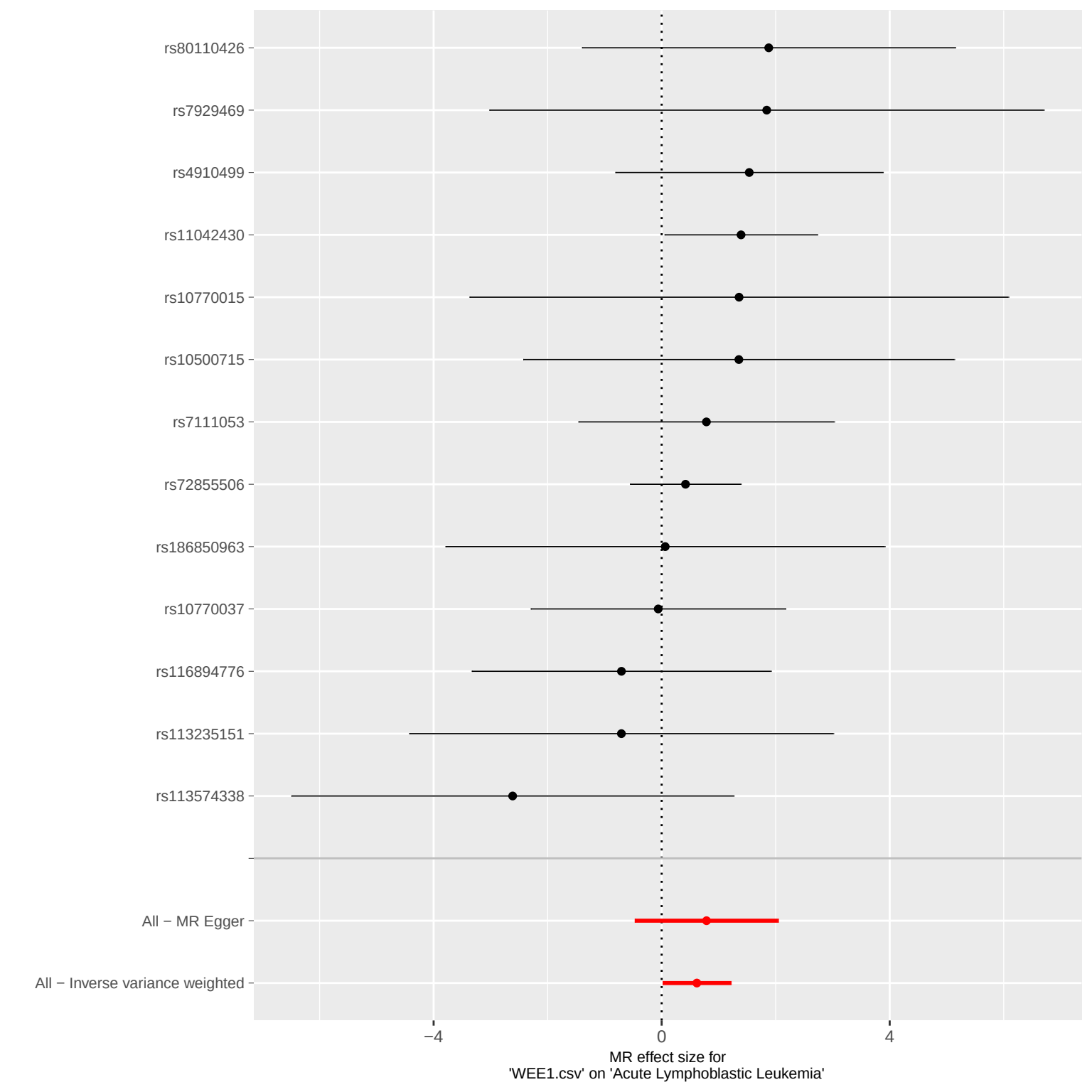
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'WDR86−AS1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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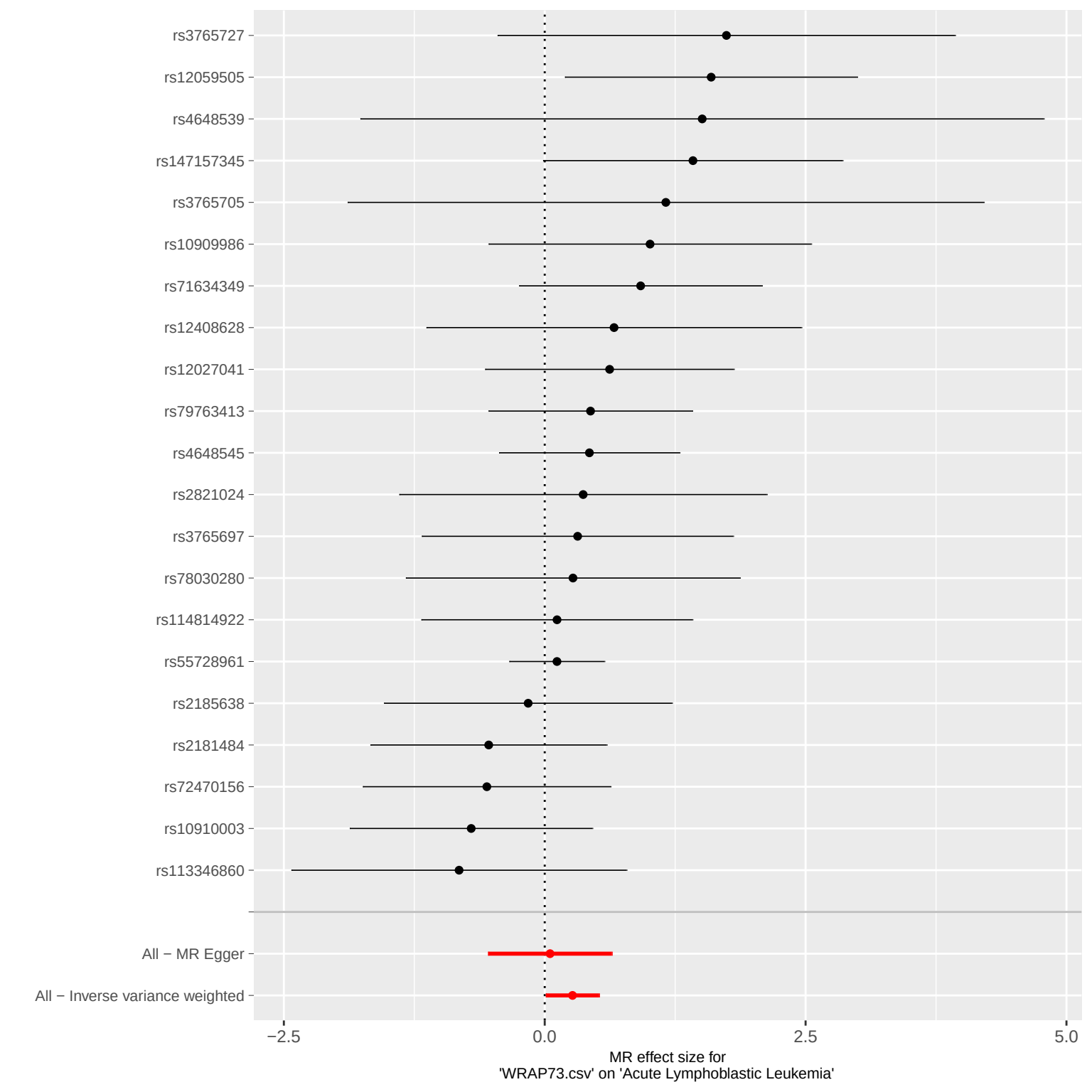
MR effect size for
'WEE1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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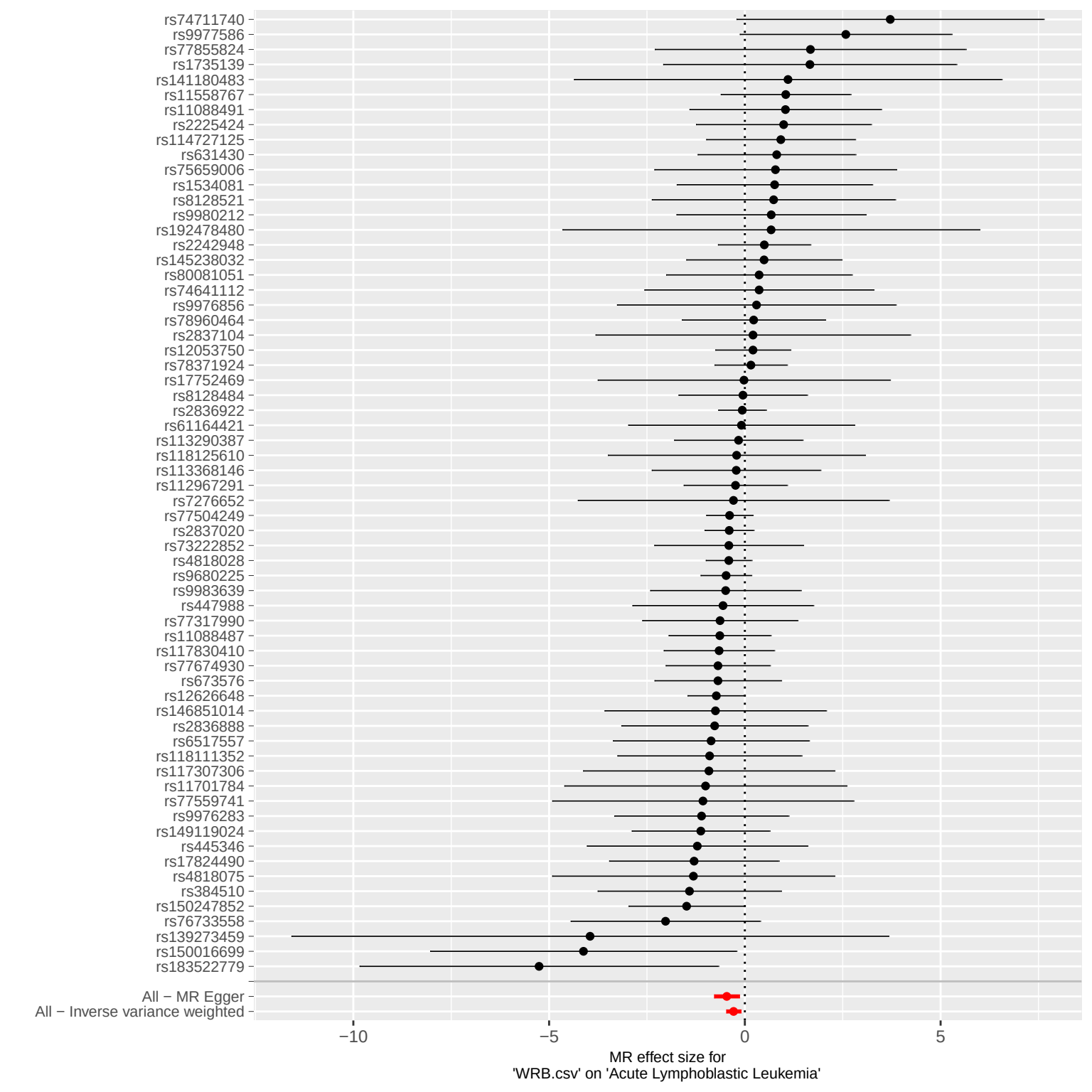
2.5
5.0
MR effect size for
'WRAP73.csv' on 'Acute Lymphoblastic Leukemia'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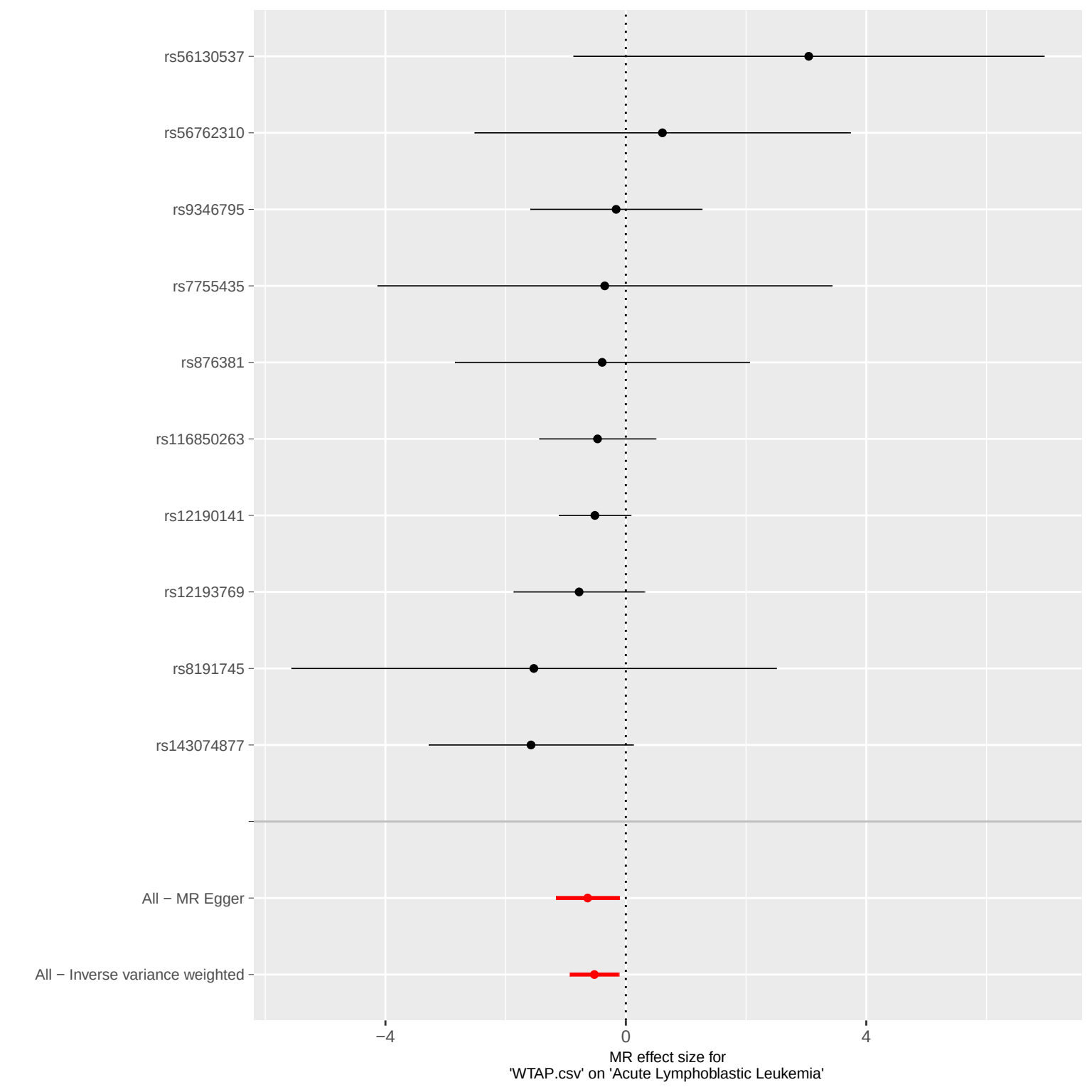
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'WRB.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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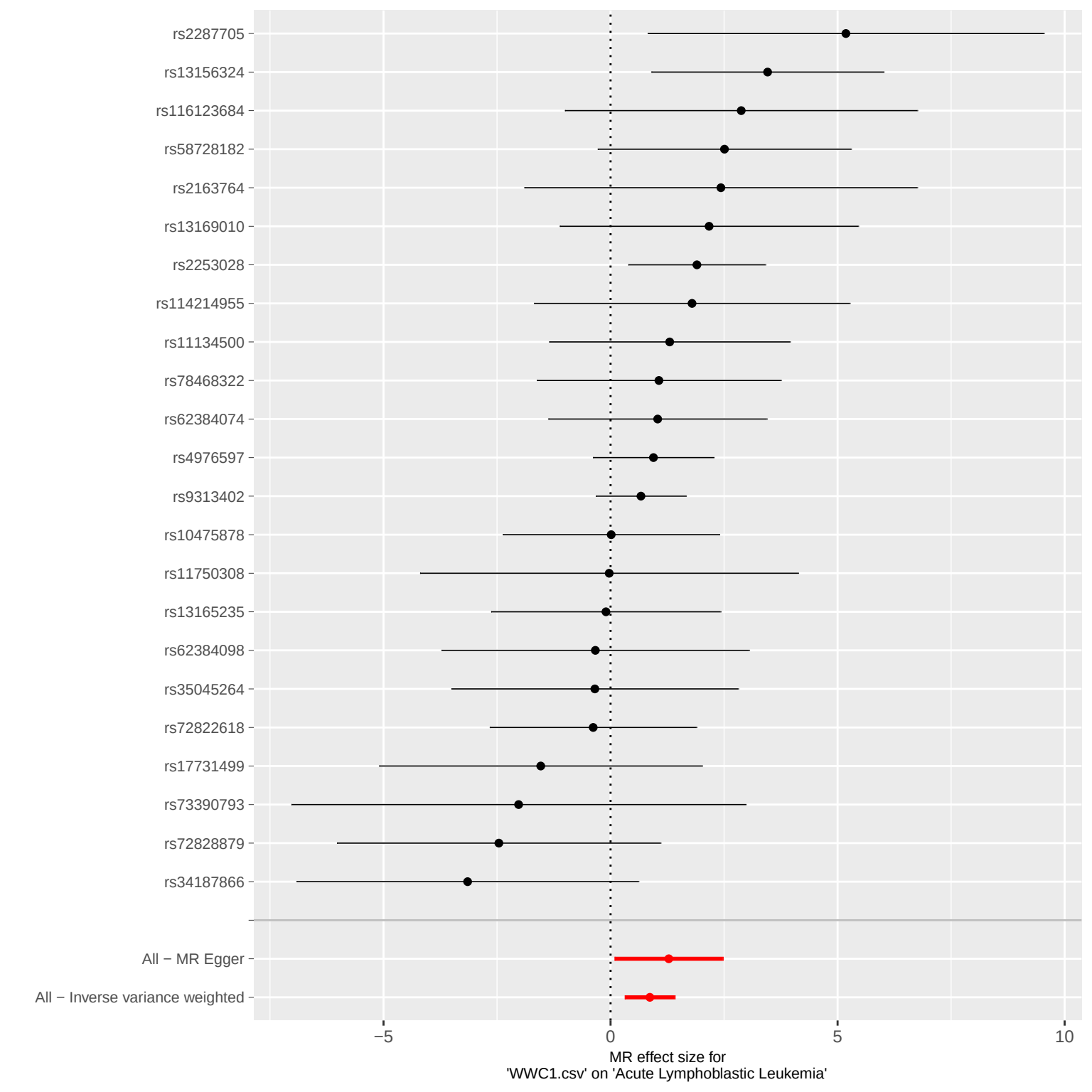
MR effect size for
'WTAP.csv' on 'Acute Lymphoblastic Leukemia'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rs72822618
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All − MR Egger
All − Inverse variance weighted
−5
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5
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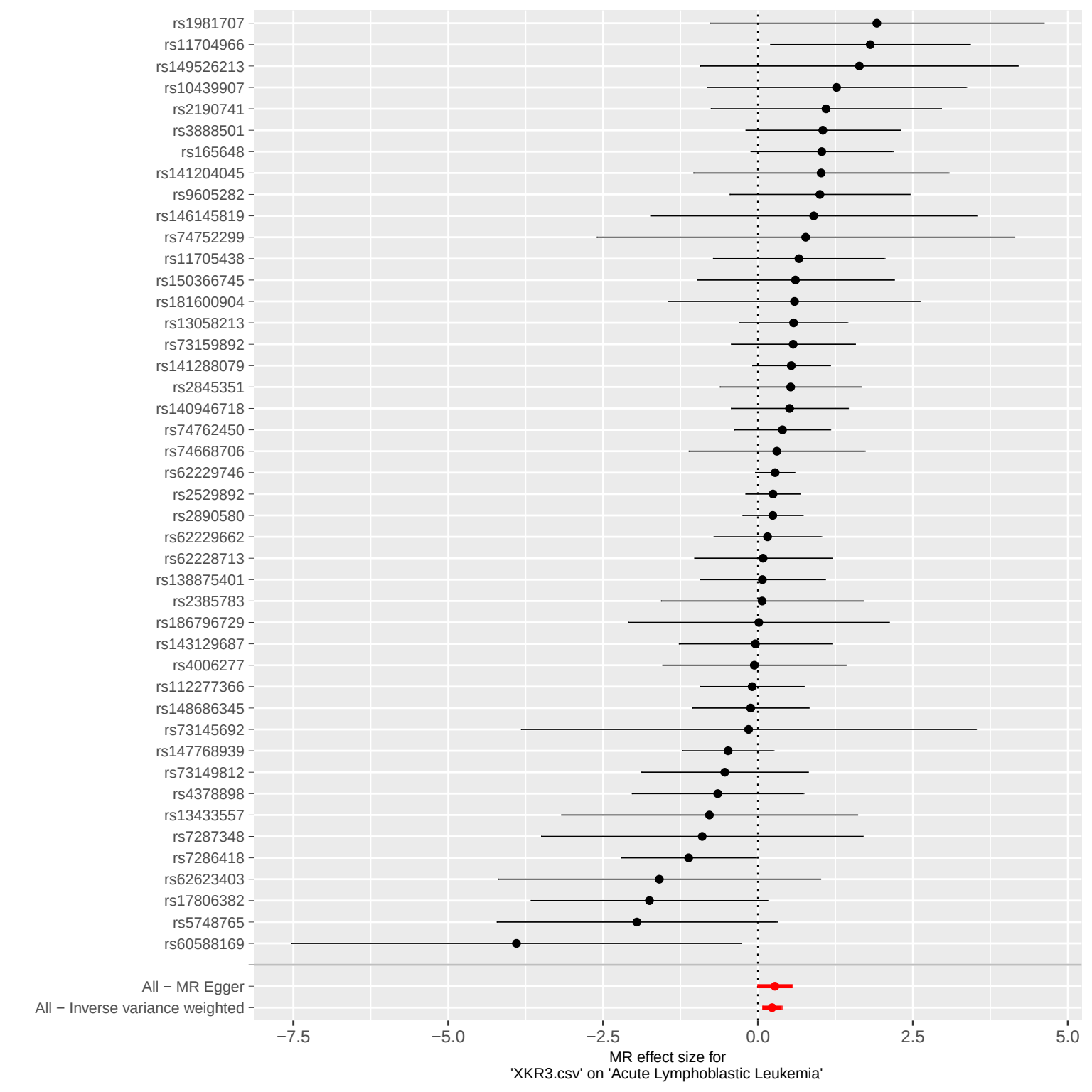
MR effect size for
'WWC1.csv' on 'Acute Lymphoblastic Leukemia'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rs147768939
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rs5748765
rs60588169
All − MR Egger
All − Inverse variance weighted
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−2.5
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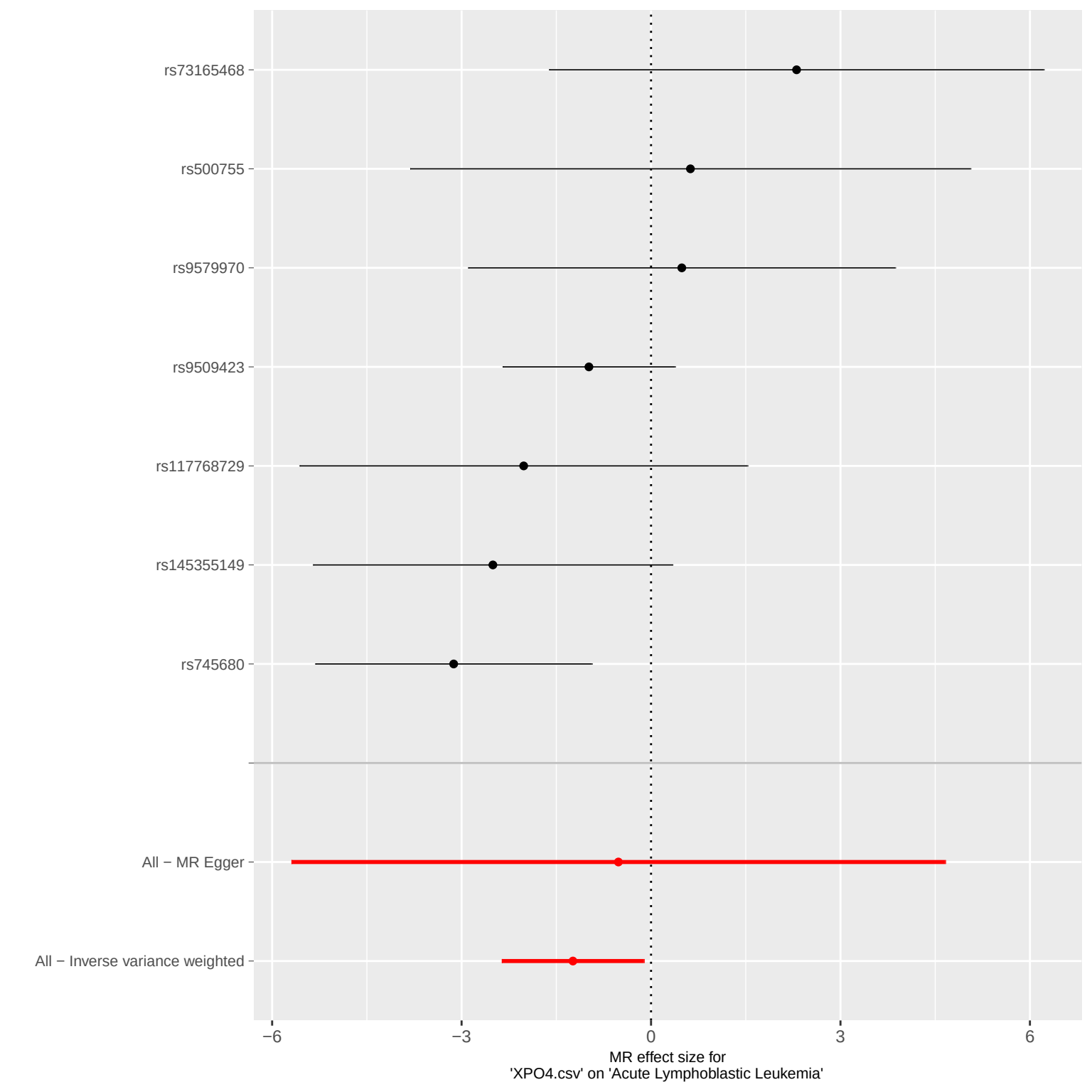
2.5
5.0
MR effect size for
'XKR3.csv' on 'Acute Lymphoblastic Leukemia'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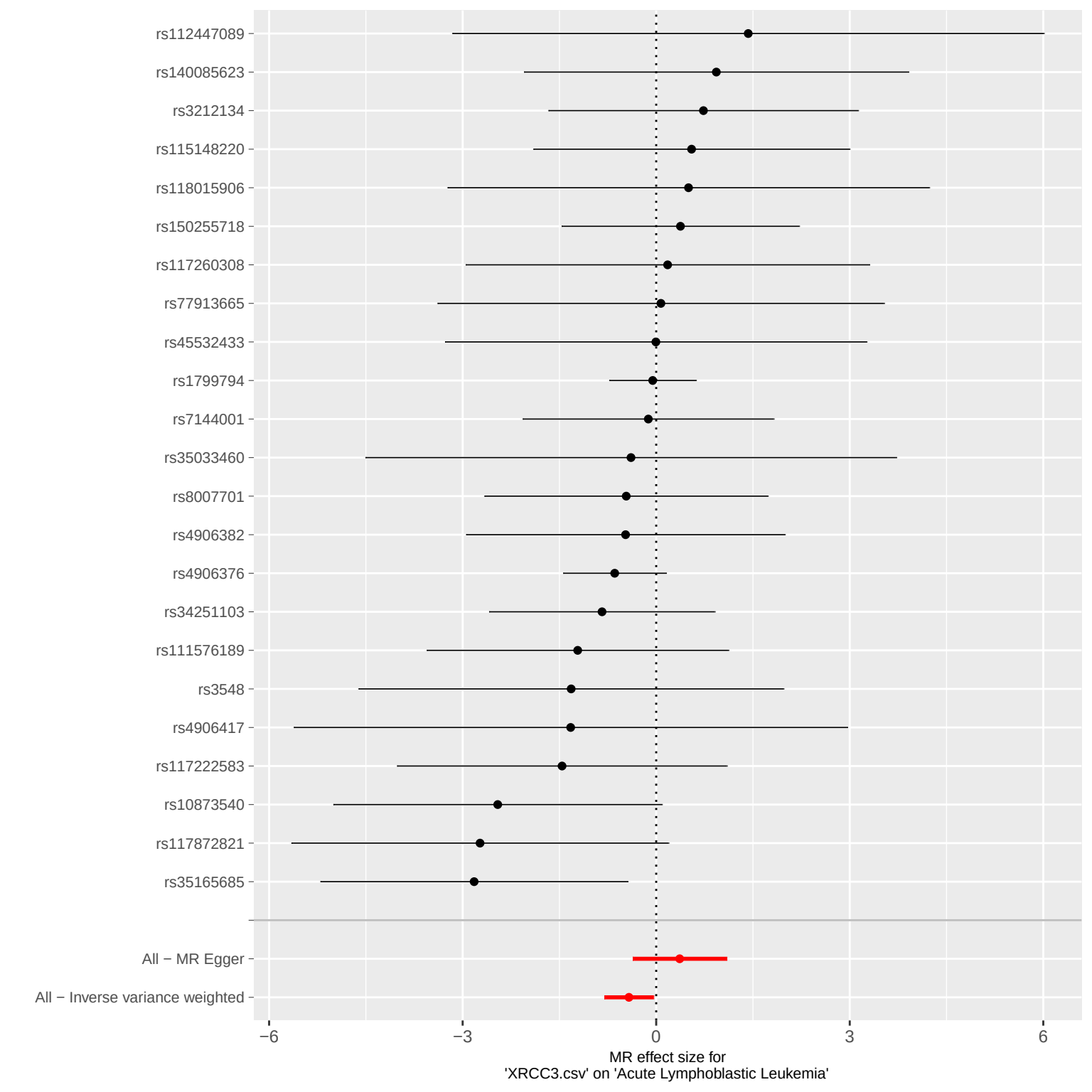
rs9509423
rs117768729
rs145355149
rs745680
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'XPO4.csv' on 'Acute Lymphoblastic Leukemia'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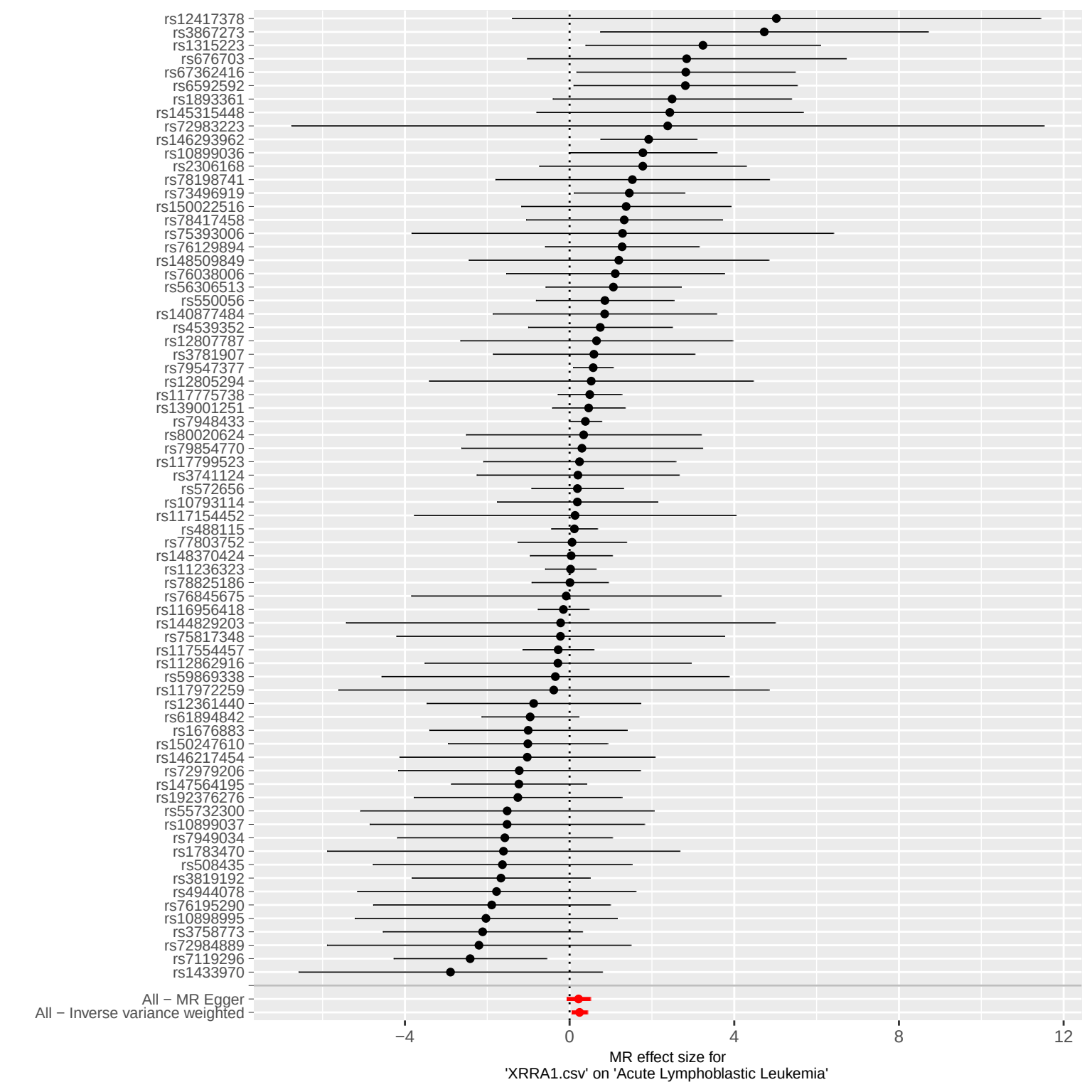
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'XRCC3.csv' on 'Acute Lymphoblastic Leukemia'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rs7119296
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All − MR Egger
All − Inverse variance weighted
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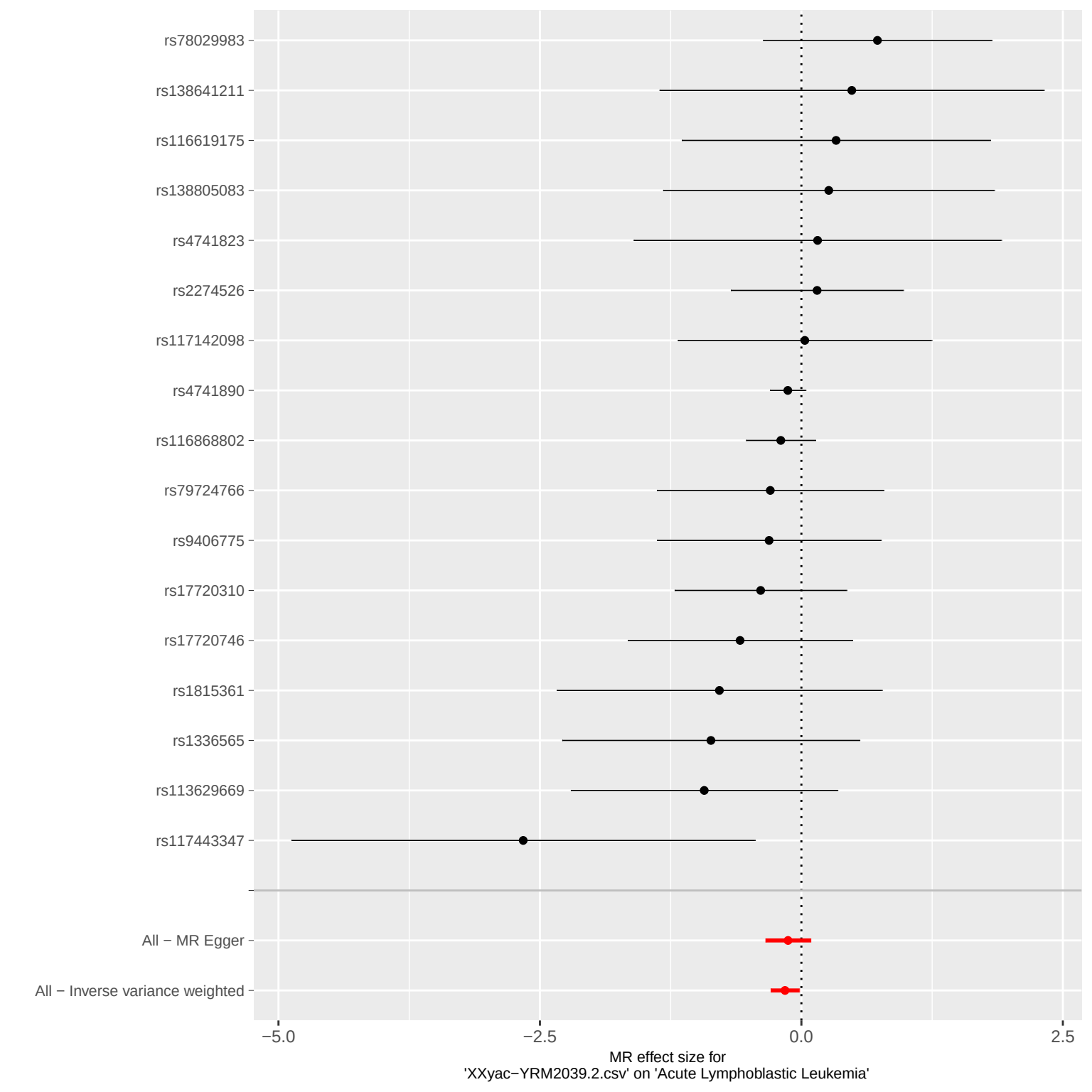
4
8
12
MR effect size for
'XRRA1.csv' on 'Acute Lymphoblastic Leukemia'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rs117443347
All − MR Egger
All − Inverse variance weighted
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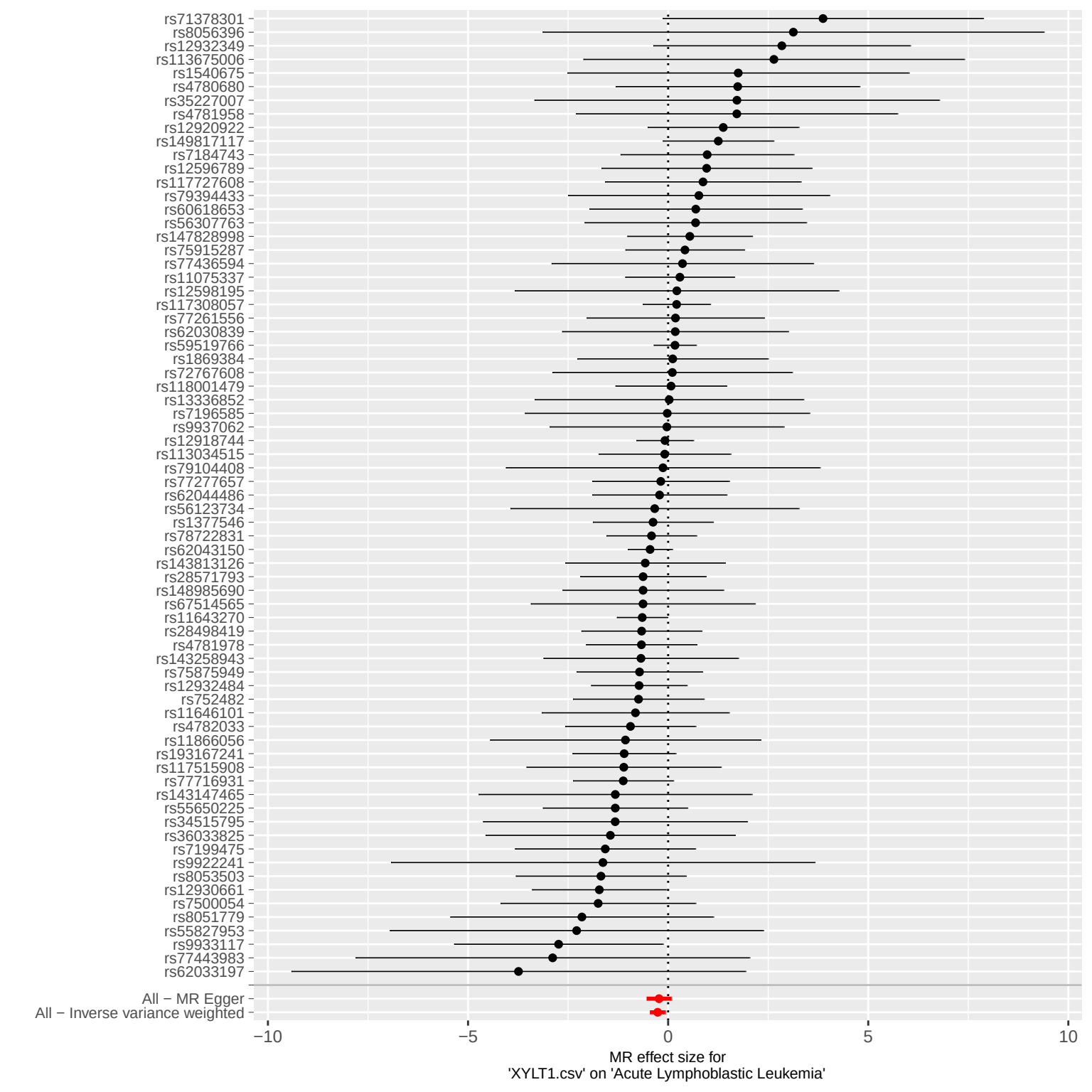
−2.5
0.0
2.5
MR effect size for
'XXyac−YRM2039.2.csv' on 'Acute Lymphoblastic Leukemia'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rs7199475
rs9922241
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rs8051779
rs55827953
rs9933117
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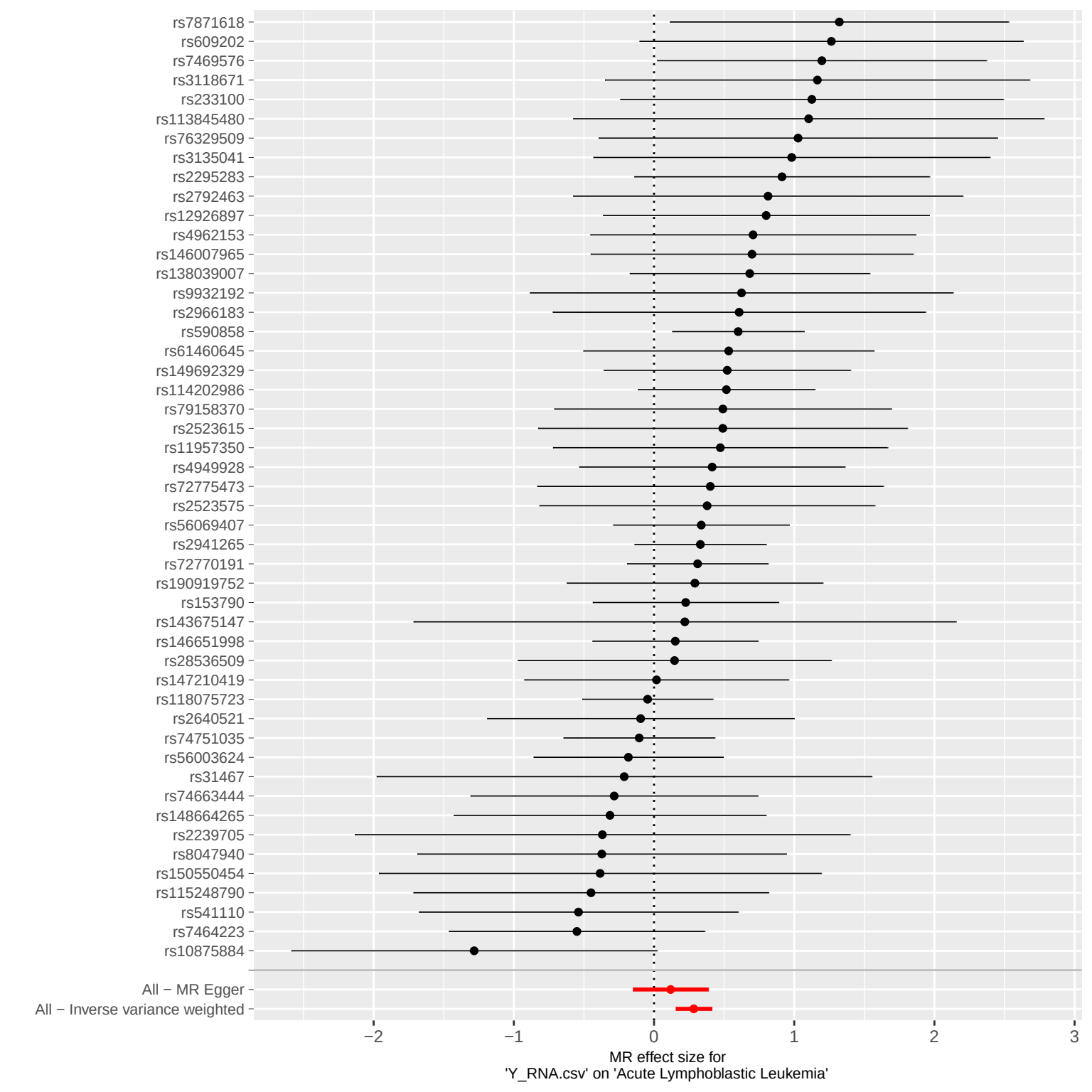
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'XYLT1.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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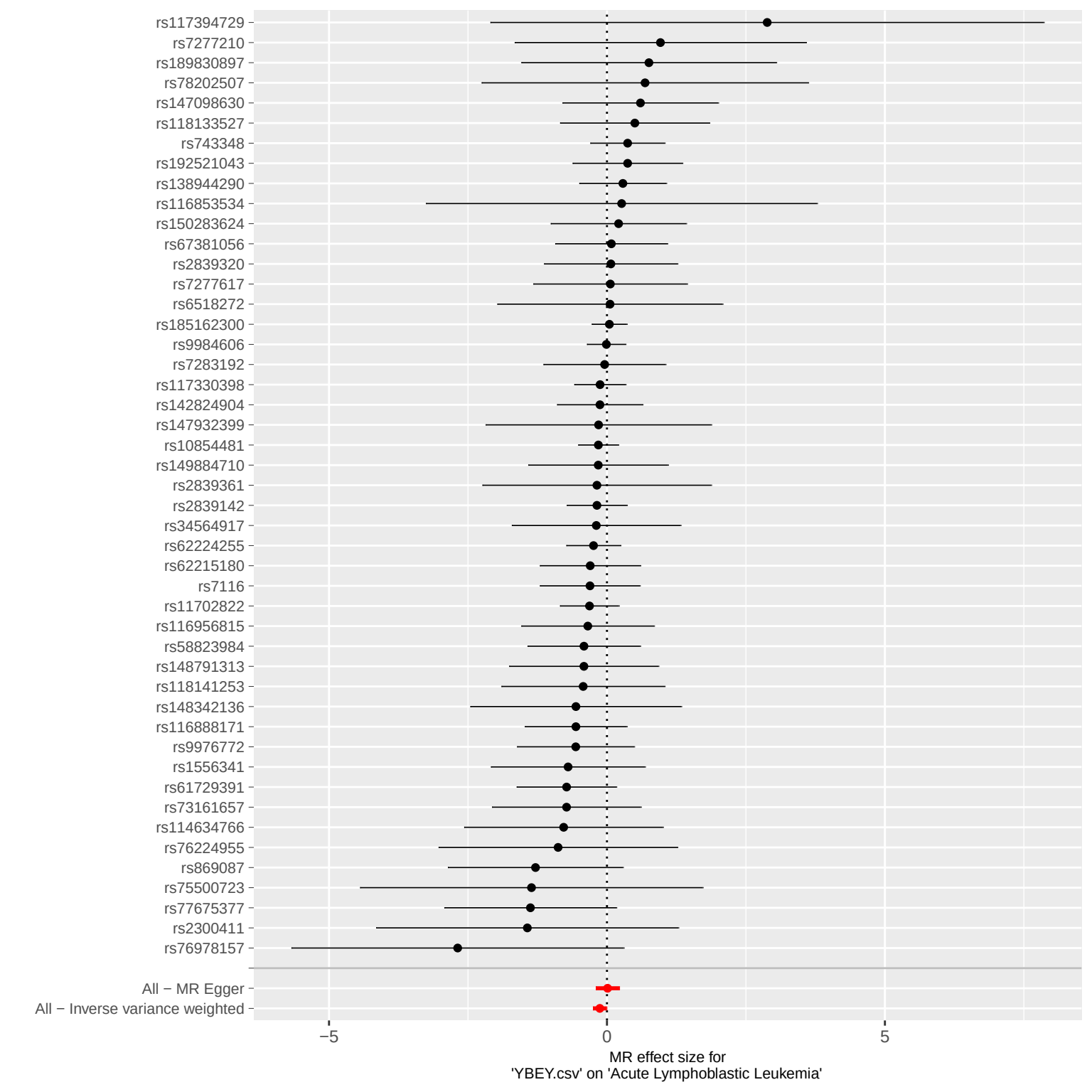
−1
0
1
2
3
MR effect size for
'Y_RNA.csv' on 'Acute Lymphoblastic Leukemia'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rs76224955
rs869087
rs75500723
rs77675377
rs2300411
rs76978157
All − MR Egger
All − Inverse variance weighted
−5
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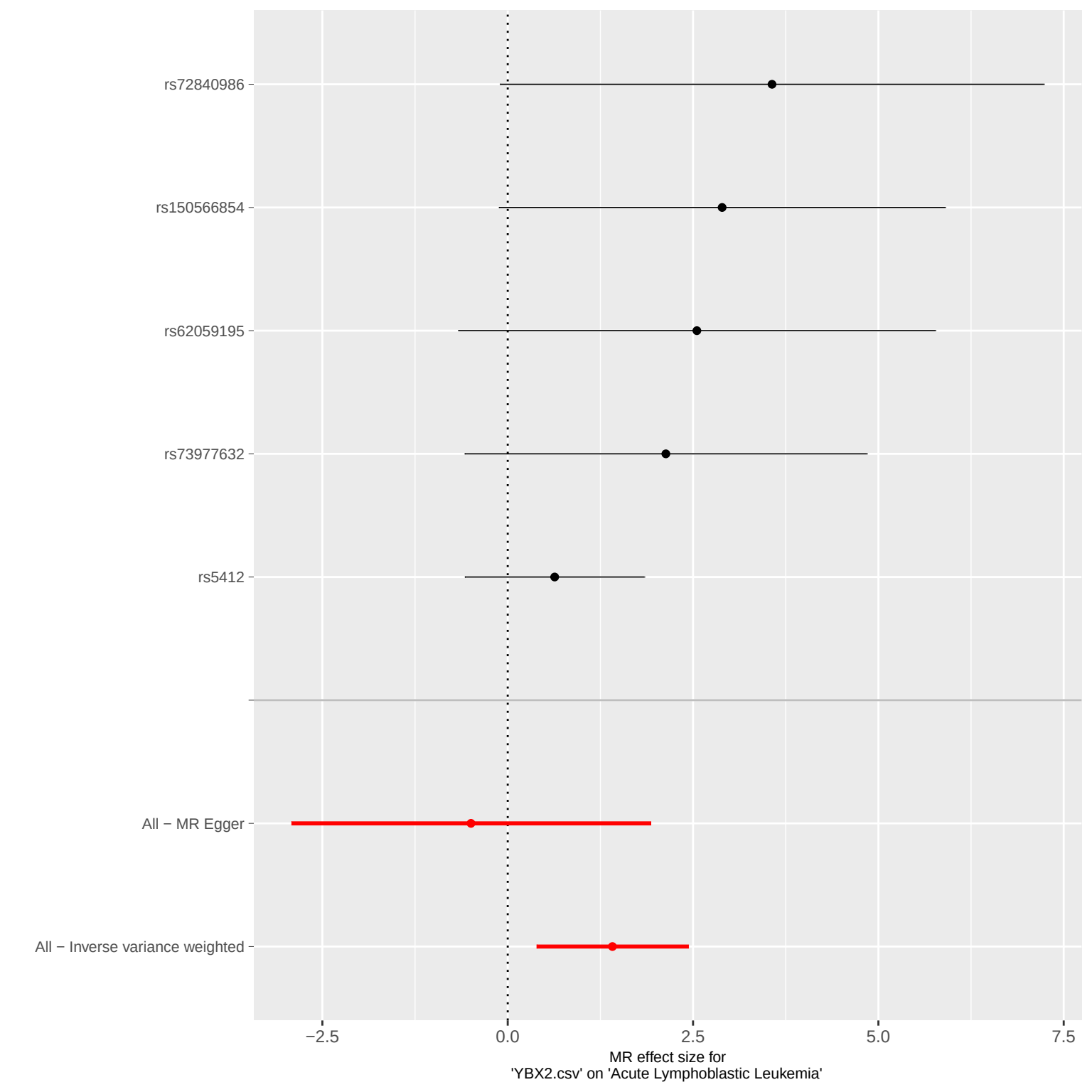
MR effect size for
'YBEY.csv' on 'Acute Lymphoblastic Leukemia'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rs150566854
rs62059195
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rs5412
All − MR Egger
All − Inverse variance weighted
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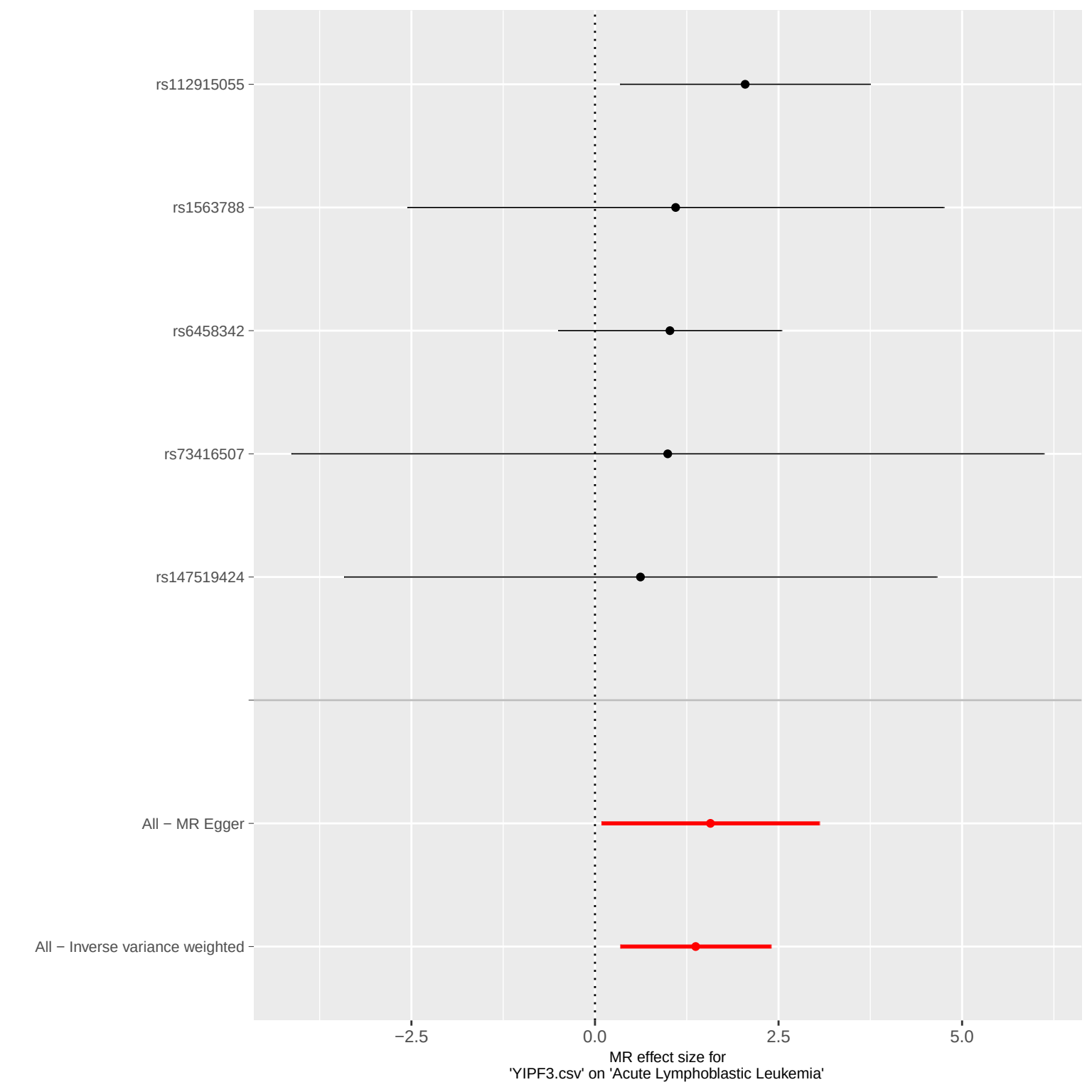
0.0
2.5
5.0
7.5
MR effect size for
'YBX2.csv' on 'Acute Lymphoblastic Leukemia'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rs147519424
All − MR Egger
All − Inverse variance weighted
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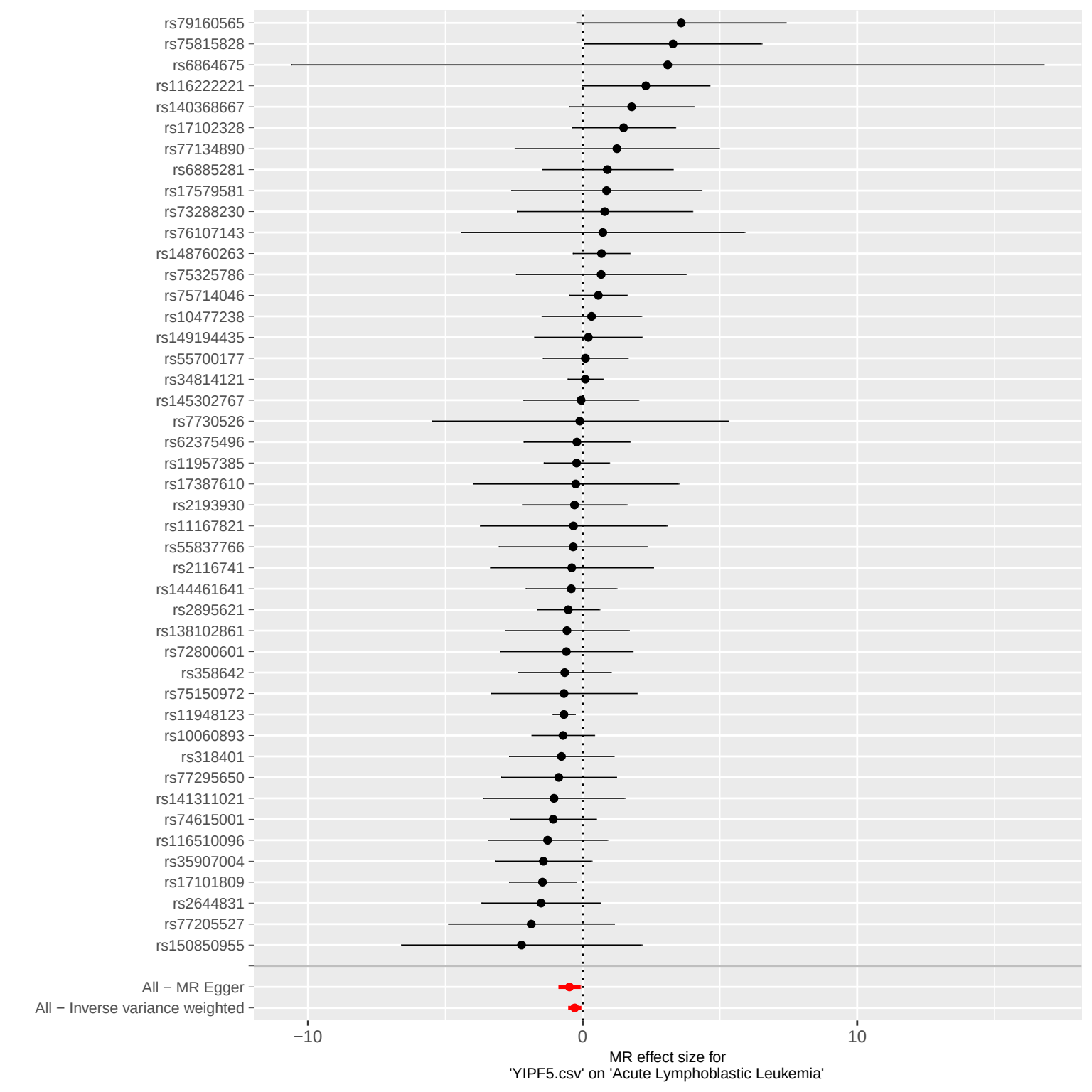
0.0
2.5
5.0
MR effect size for
'YIPF3.csv' on 'Acute Lymphoblastic Leukemia'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rs62375496
rs11957385
rs17387610
rs2193930
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rs55837766
rs2116741
rs144461641
rs2895621
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rs141311021
rs74615001
rs116510096
rs35907004
rs17101809
rs2644831
rs77205527
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All − MR Egger
All − Inverse variance weighted
−10
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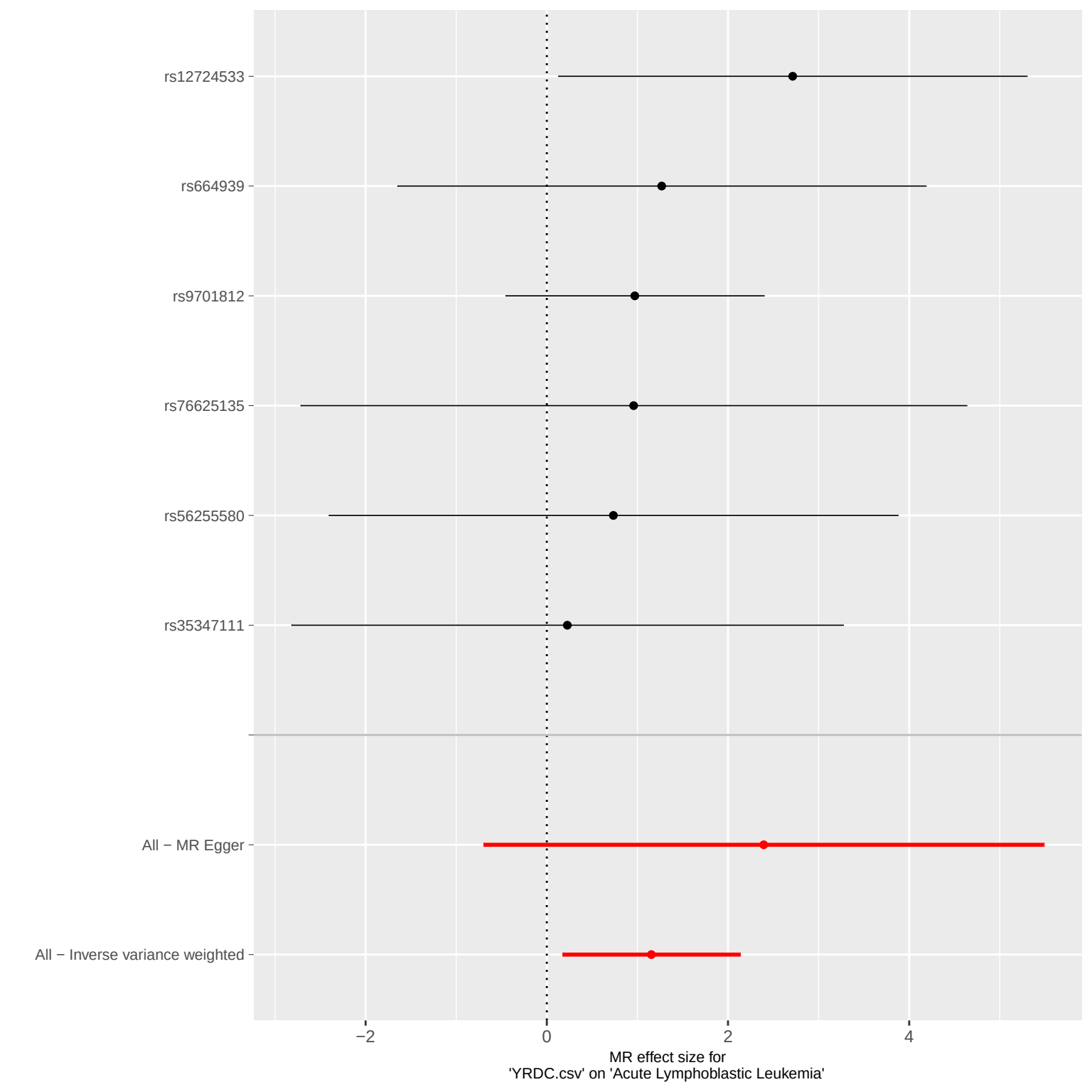
10
MR effect size for
'YIPF5.csv' on 'Acute Lymphoblastic Leukemia'


rs12724533
rs664939
rs9701812
rs76625135
rs56255580
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All − MR Egger
All − Inverse variance weighted
−2
0
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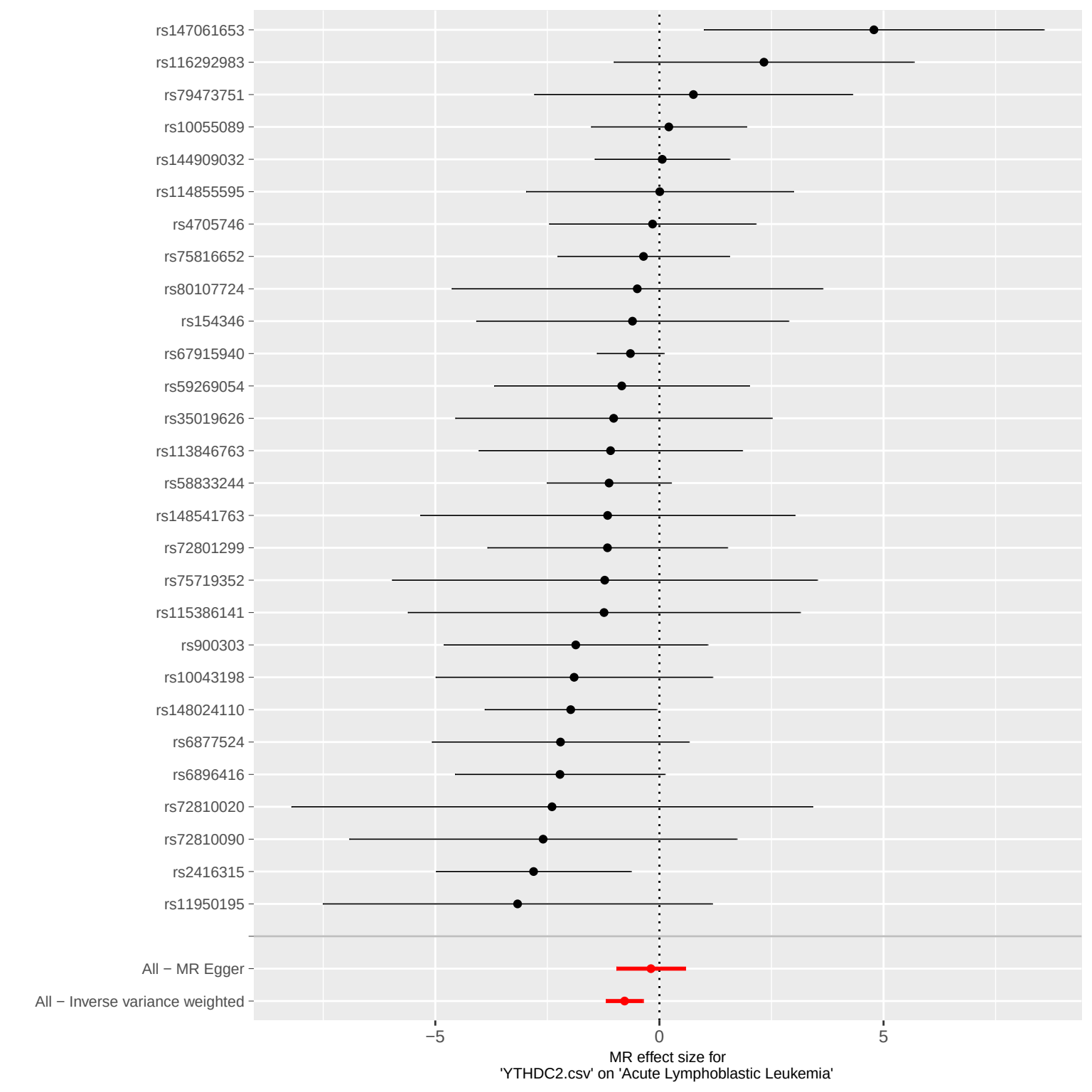
4
MR effect size for
'YRDC.csv' on 'Acute Lymphoblastic Leukemia'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rs115386141
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rs10043198
rs148024110
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rs6896416
rs72810020
rs72810090
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All − MR Egger
All − Inverse variance weighted
−5
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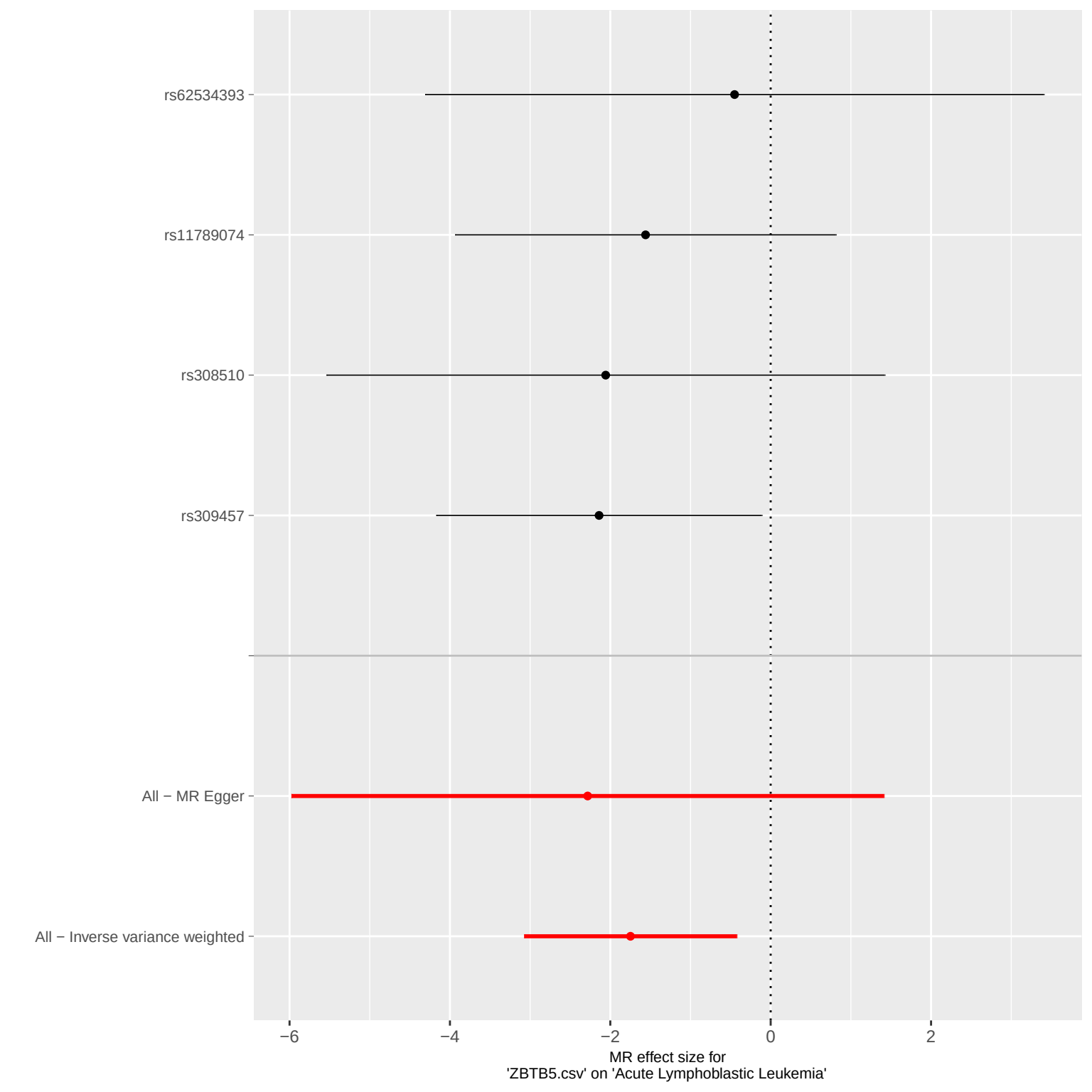
5
MR effect size for
'YTHDC2.csv' on 'Acute Lymphoblastic Leukemia'


rs62534393
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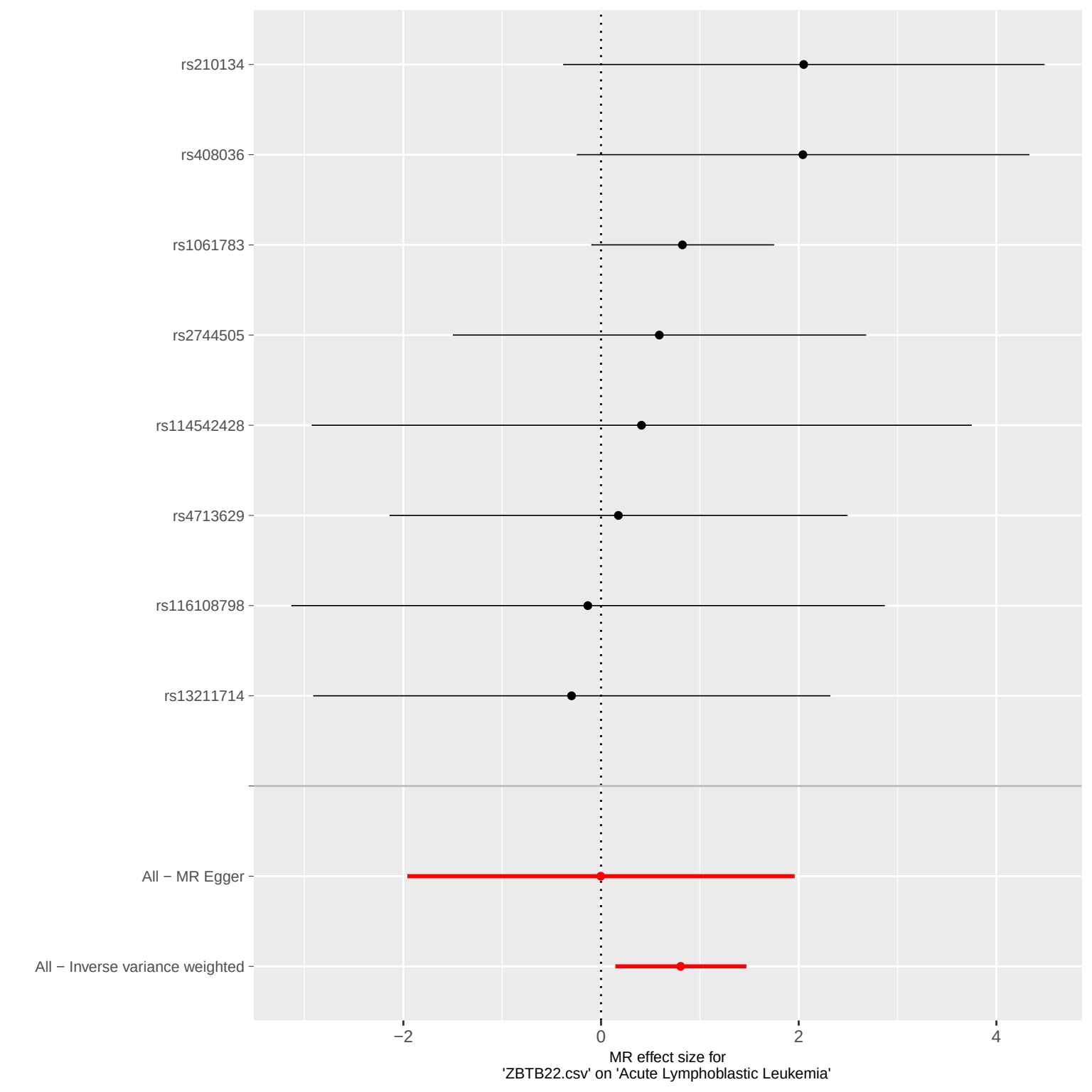
rs308510
rs309457
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ZBTB5.csv' on 'Acute Lymphoblastic Leukemia'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rs2744505
rs114542428
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rs116108798
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All − MR Egger
All − Inverse variance weighted
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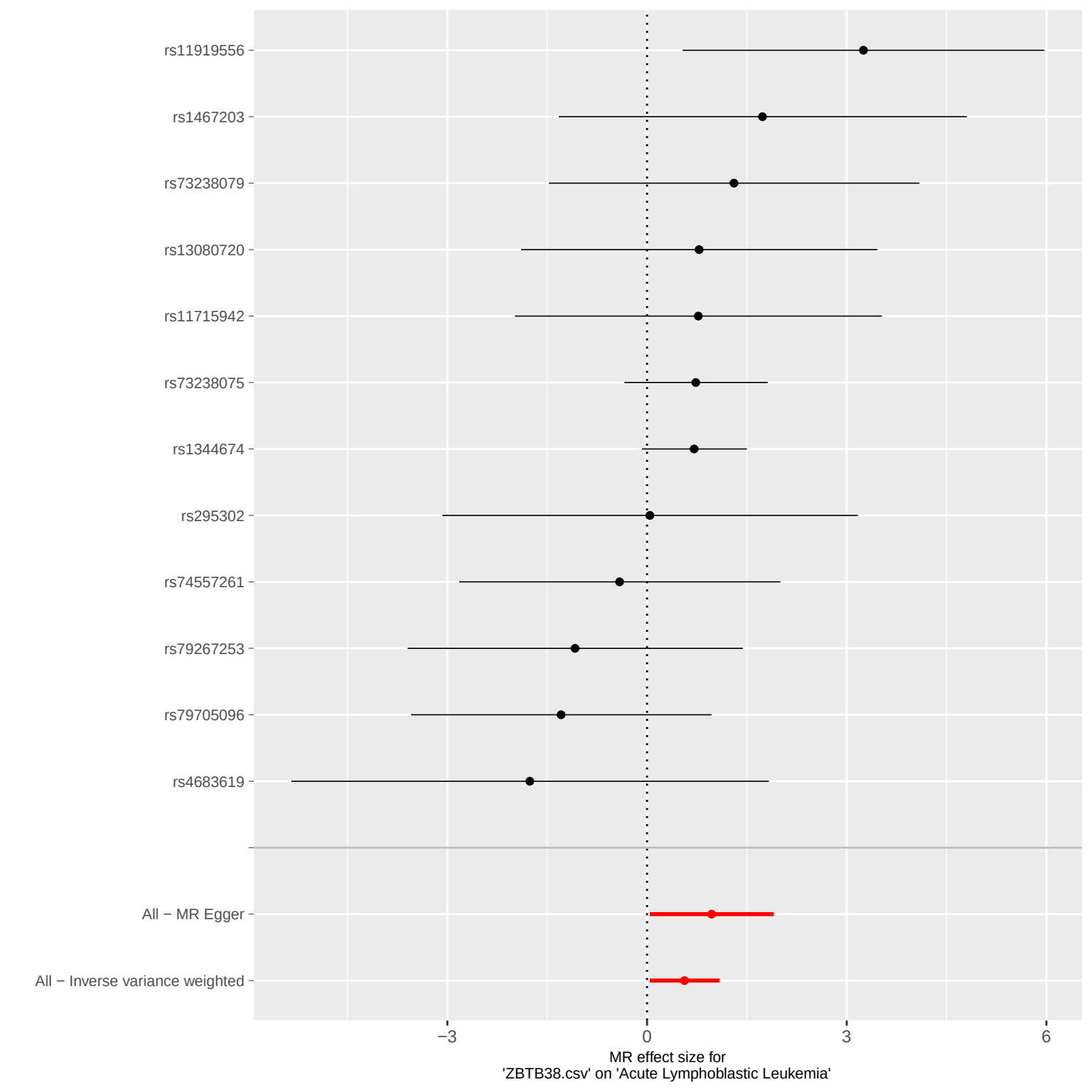
4
MR effect size for
'ZBTB22.csv' on 'Acute Lymphoblastic Leukemia'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rs1344674
rs295302
rs74557261
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rs79705096
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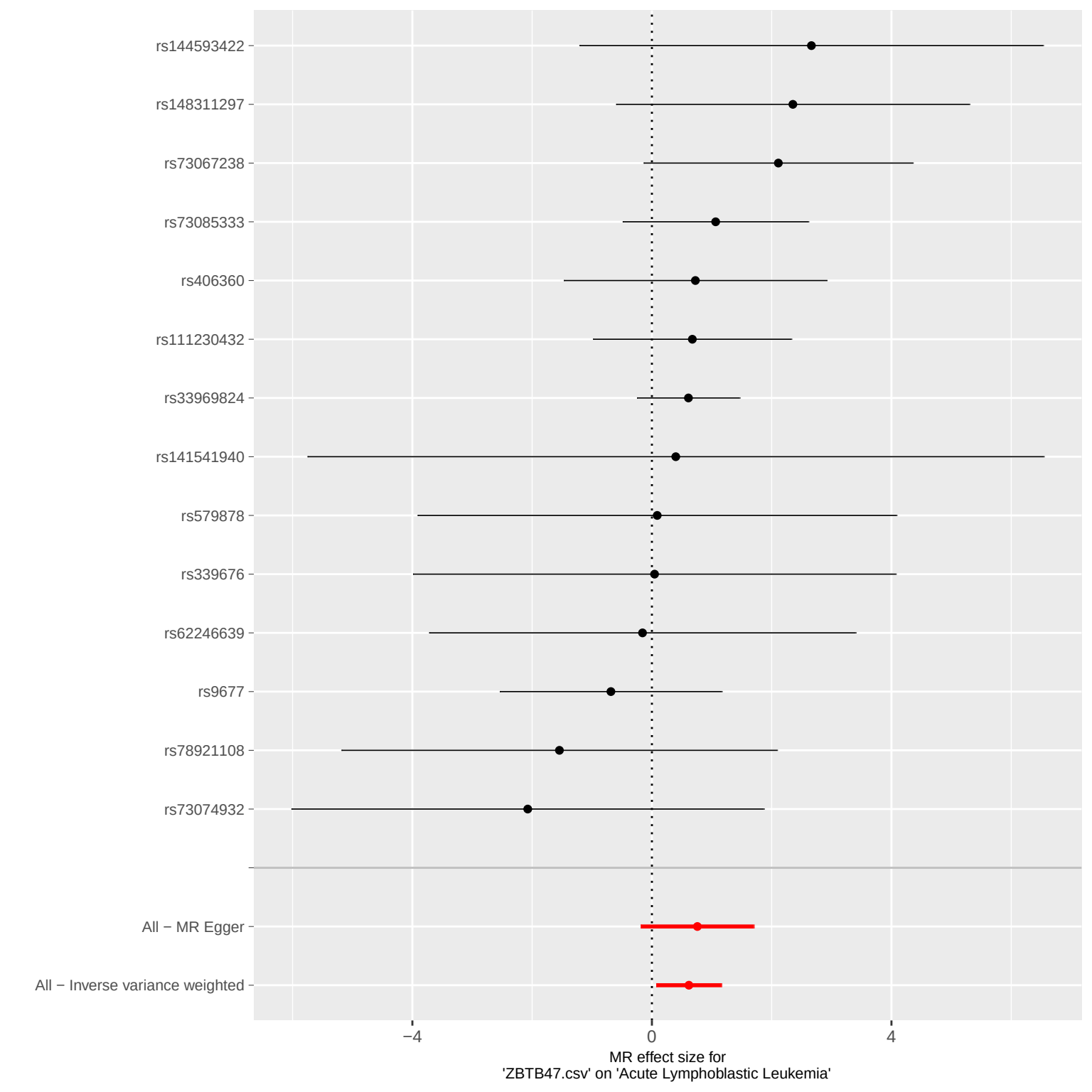
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'ZBTB38.csv' on 'Acute Lymphoblastic Leukemia'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rs62246639
rs9677
rs78921108
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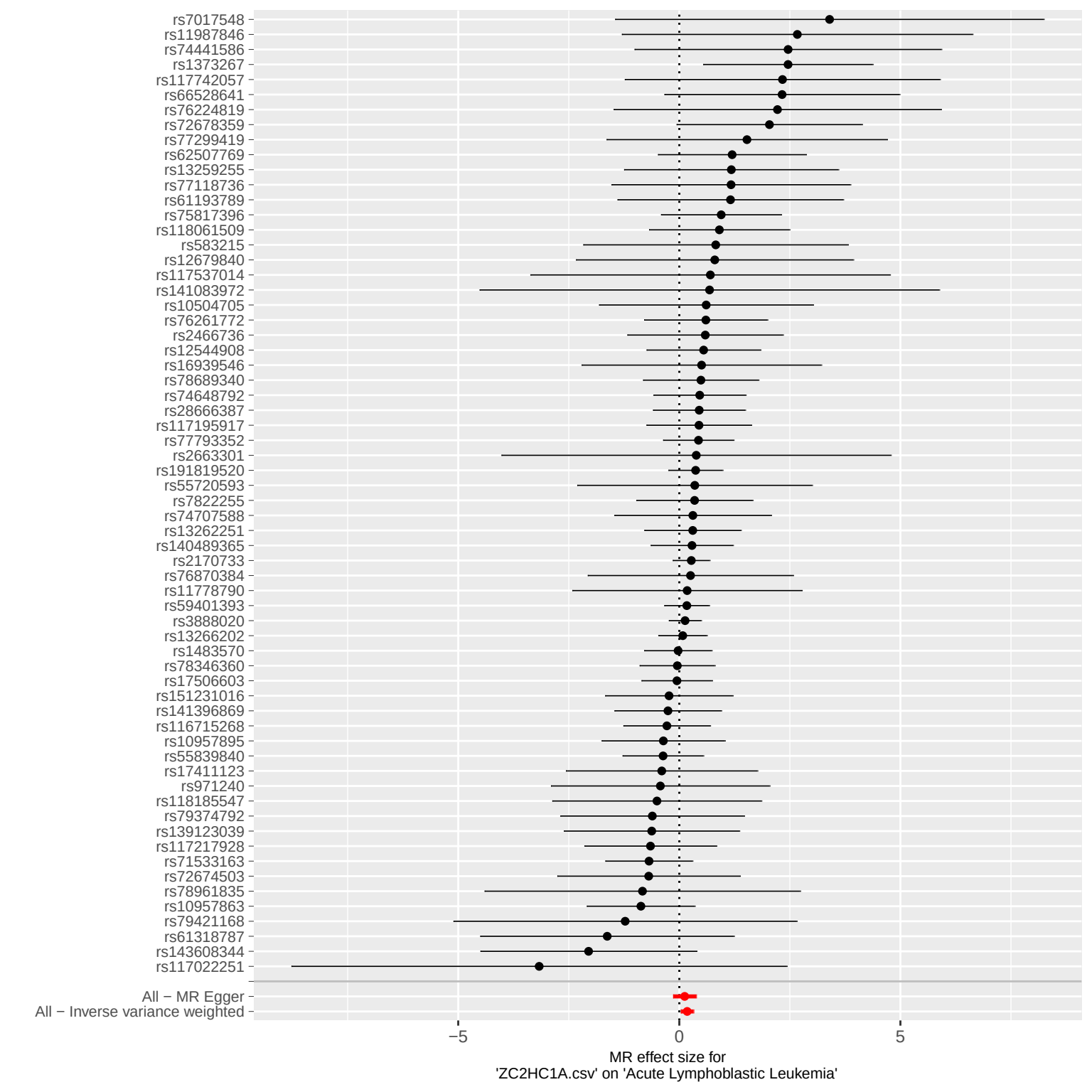
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZBTB47.csv' on 'Acute Lymphoblastic Leukemia'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rs139123039
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rs78961835
rs10957863
rs79421168
rs61318787
rs143608344
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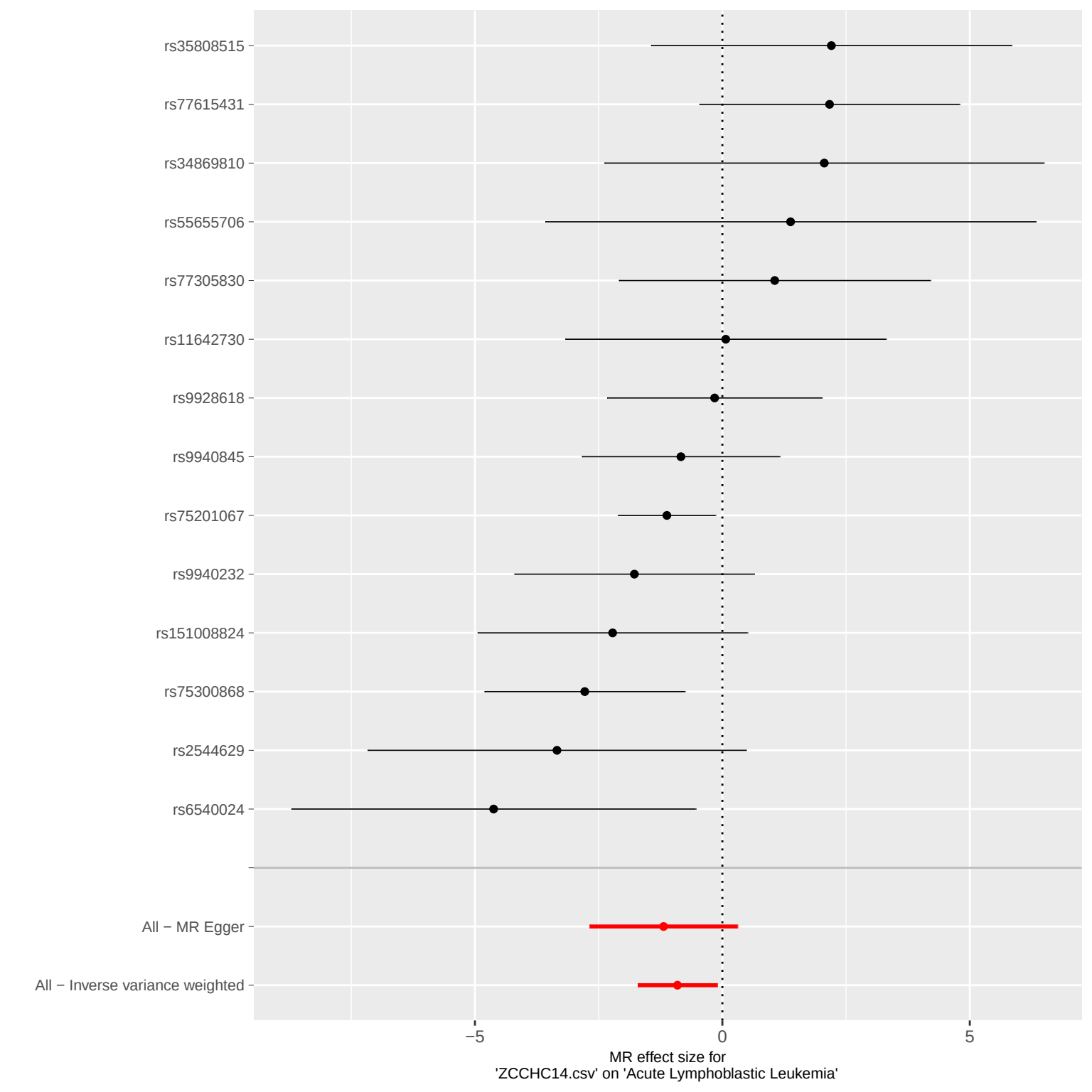
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZC2HC1A.csv' on 'Acute Lymphoblastic Leukemia'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rs75300868
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All − MR Egger
All − Inverse variance weighted
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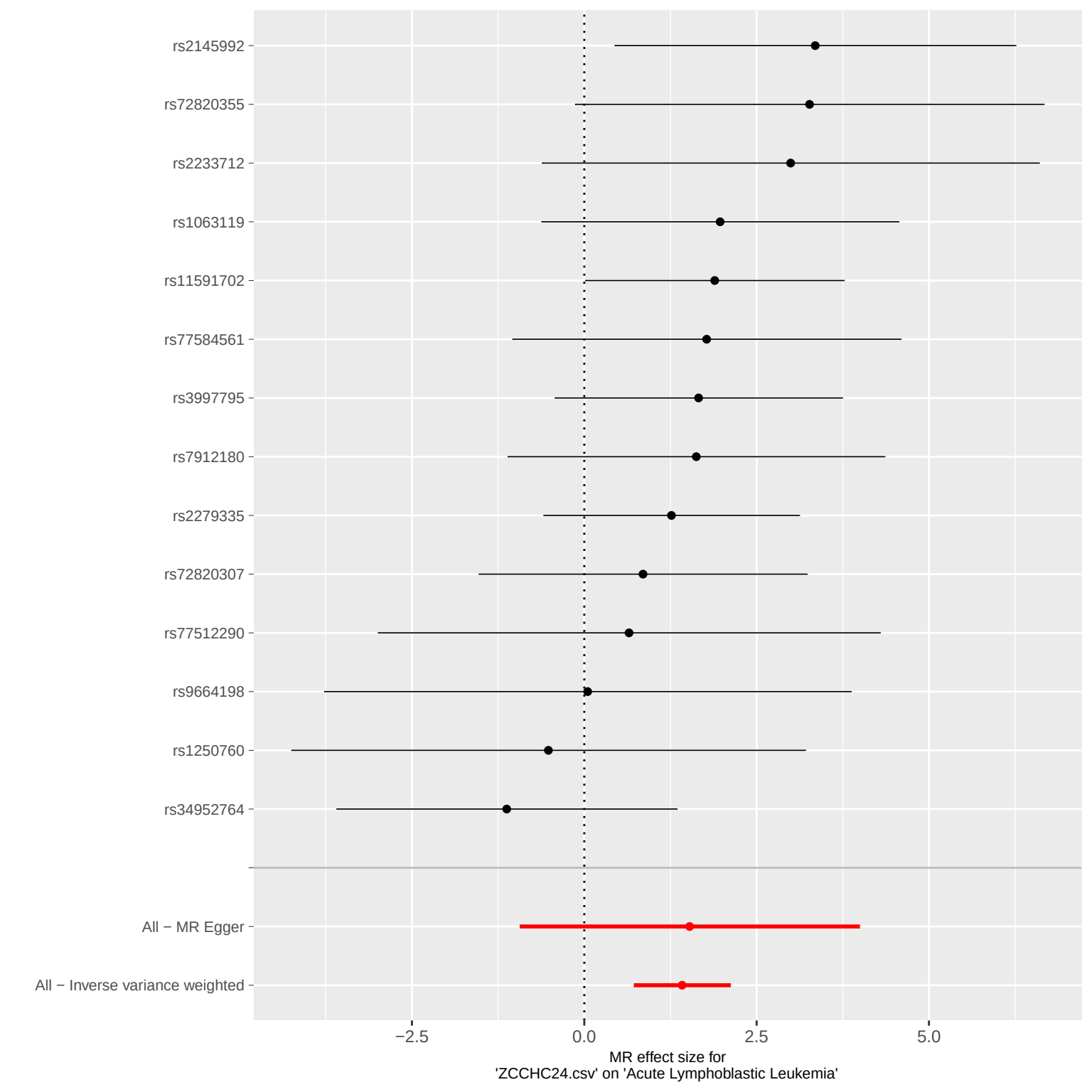
5
MR effect size for
'ZCCHC14.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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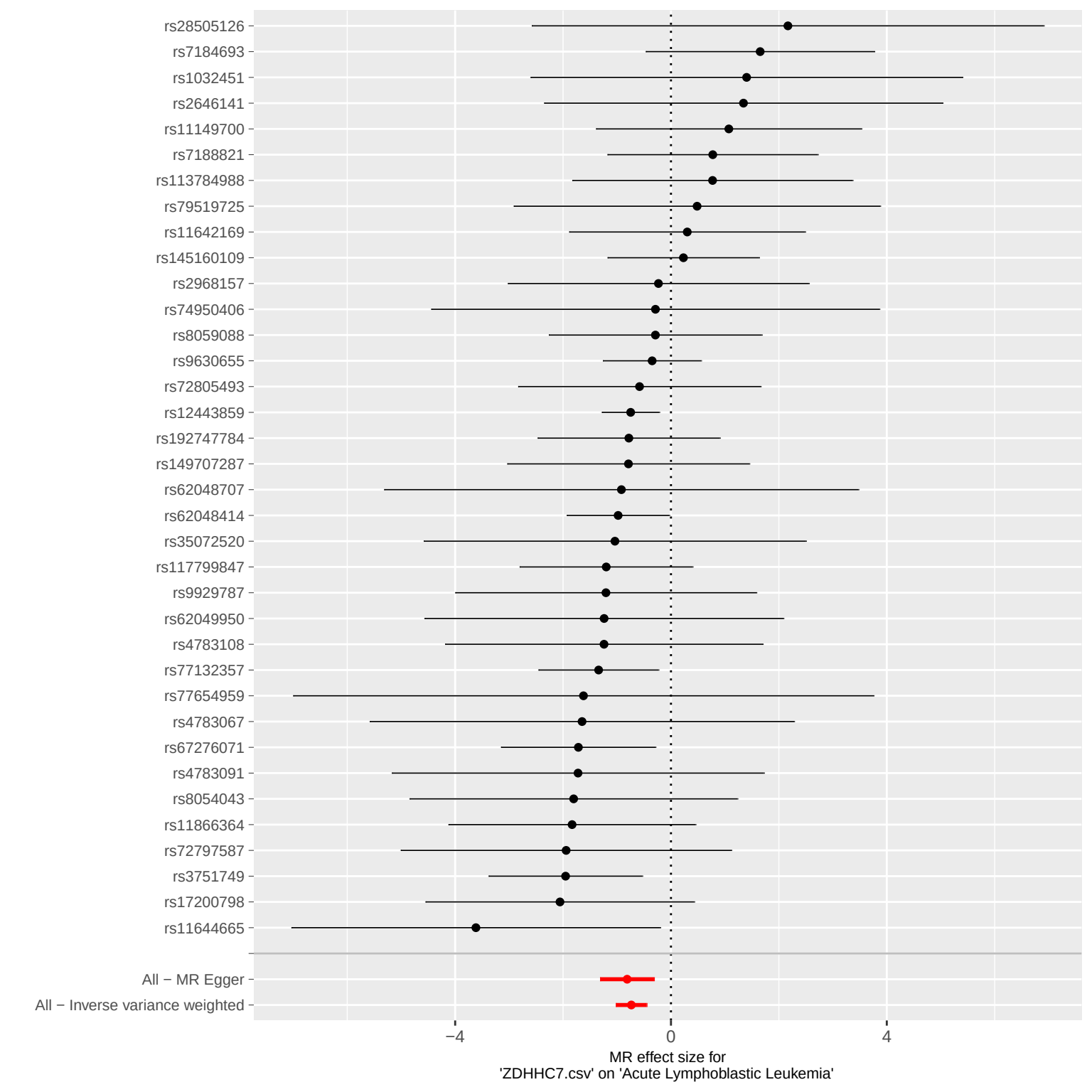
2.5
5.0
MR effect size for
'ZCCHC24.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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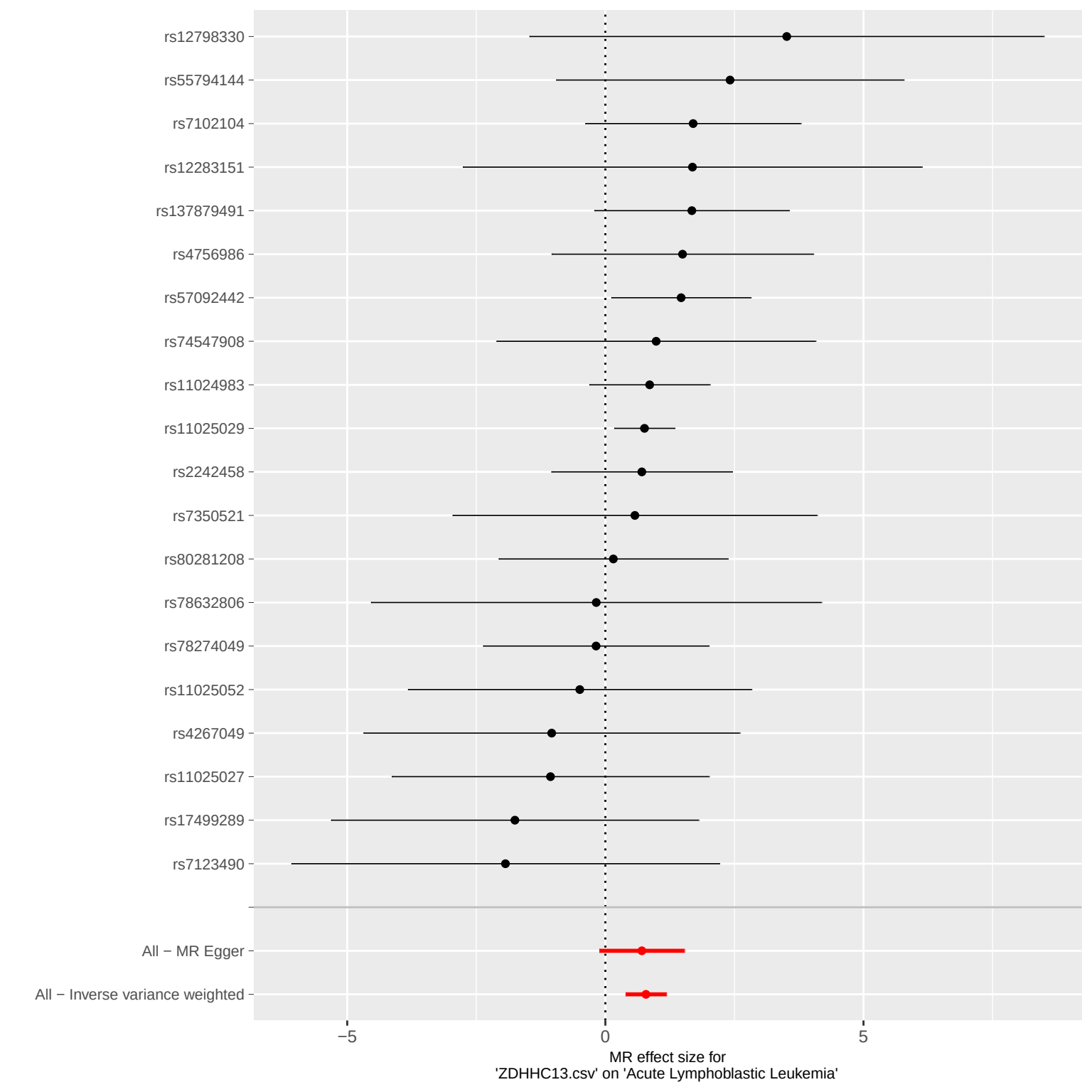
4
MR effect size for
'ZDHHC7.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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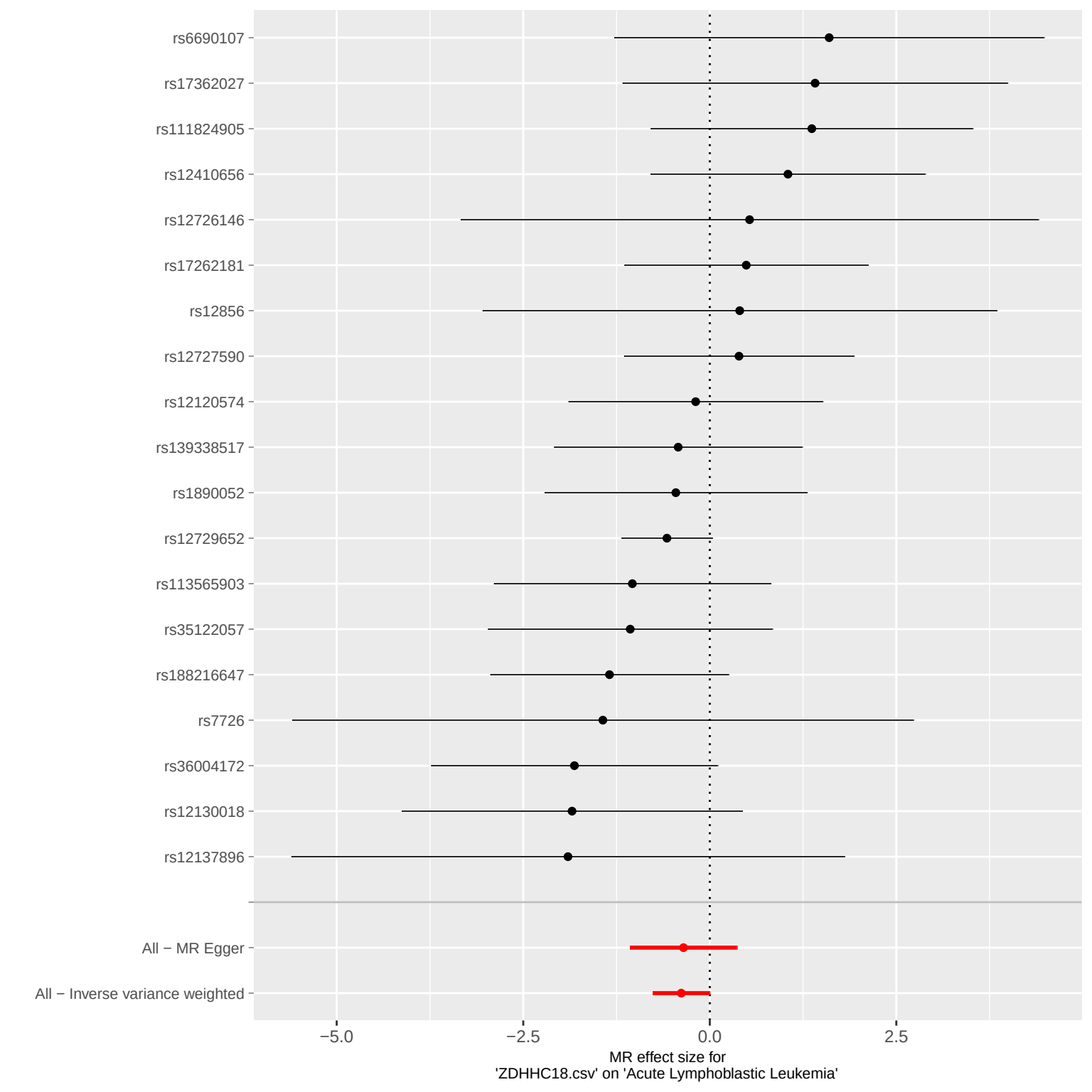
MR effect size for
'ZDHHC13.csv' on 'Acute Lymphoblastic Leukemia'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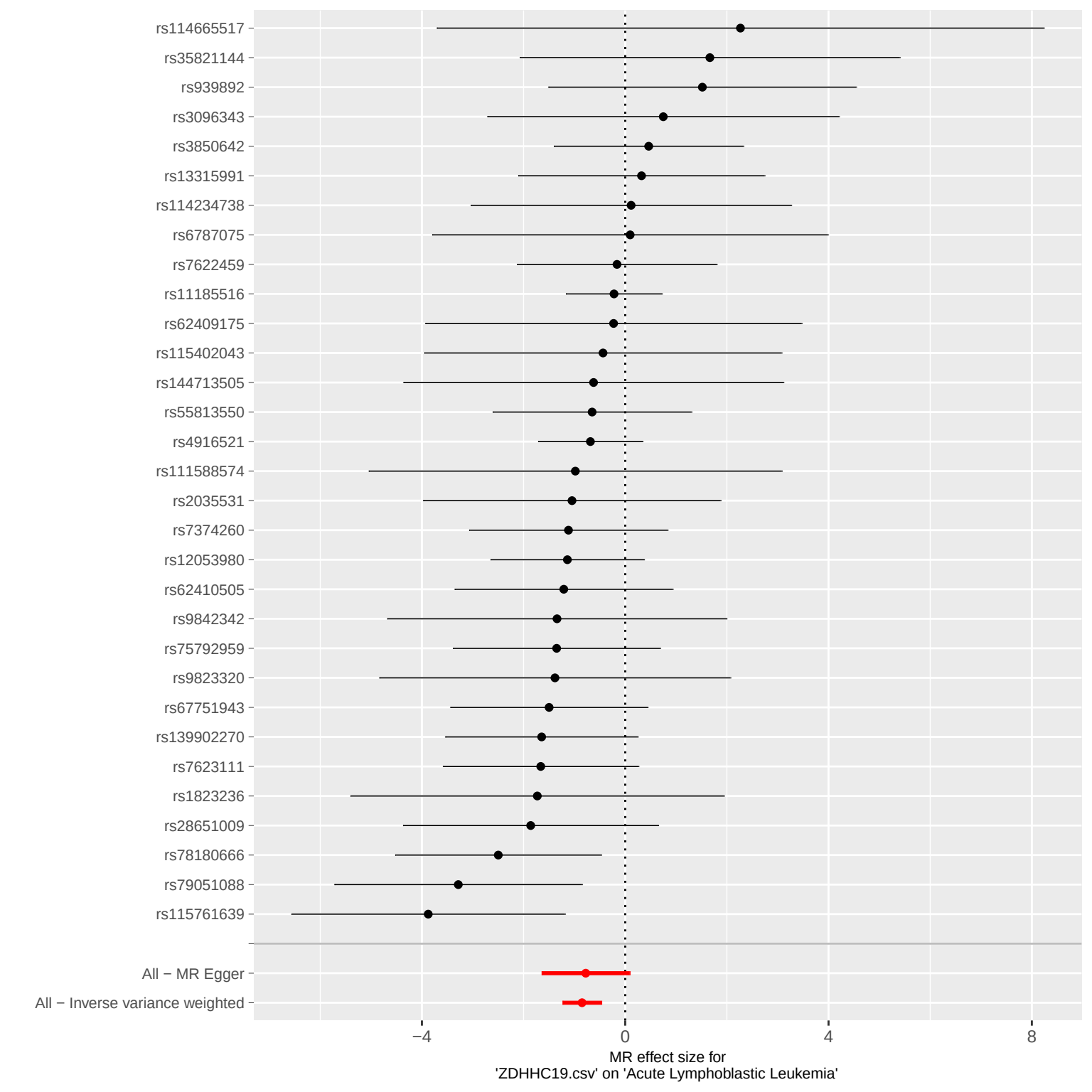
rs12729652
rs113565903
rs35122057
rs188216647
rs7726
rs36004172
rs12130018
rs12137896
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ZDHHC18.csv' on 'Acute Lymphoblastic Leukemia'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rs1823236
rs28651009
rs78180666
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All − MR Egger
All − Inverse variance weighted
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4
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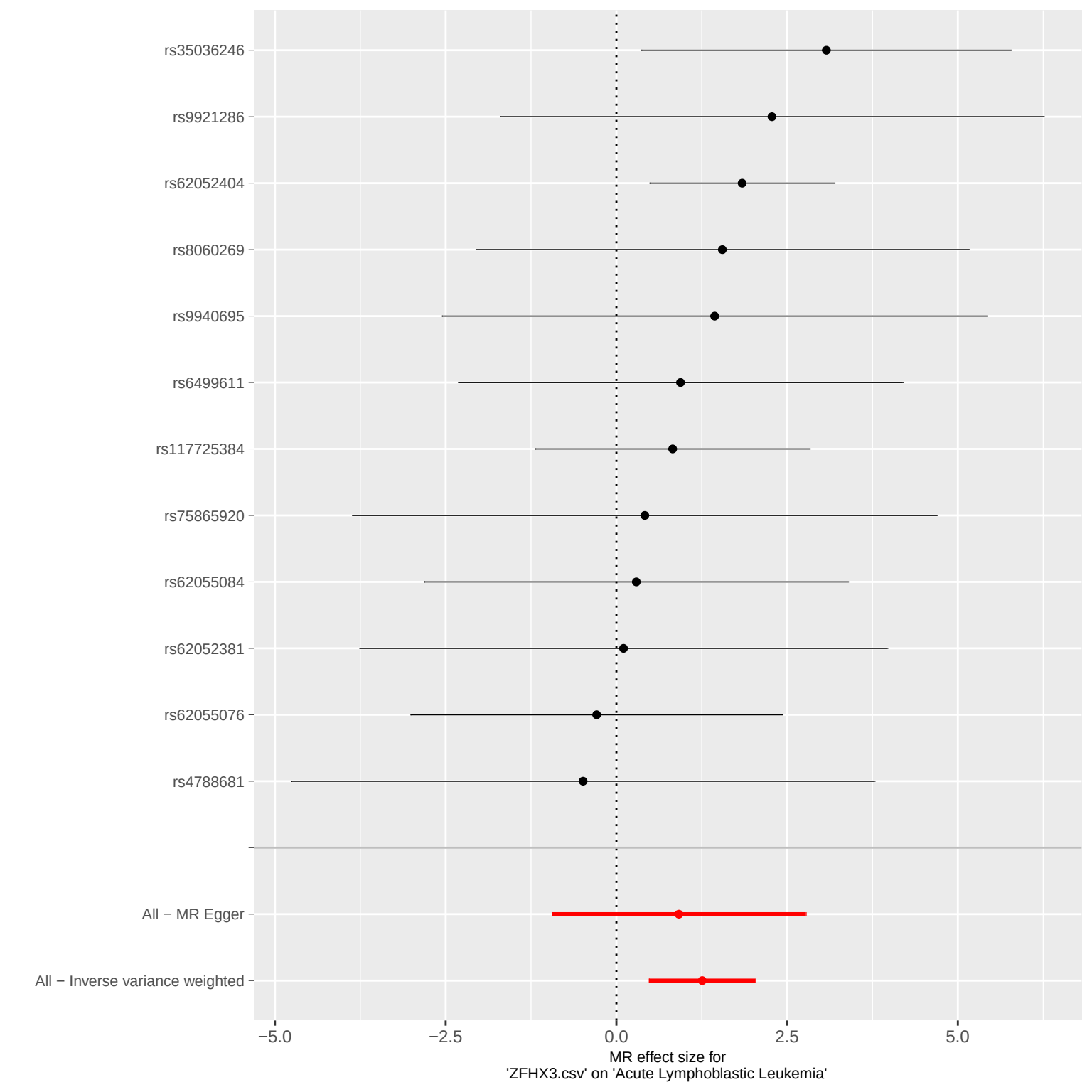
MR effect size for
'ZDHHC19.csv' on 'Acute Lymphoblastic Leukemia'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rs75865920
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rs4788681
All − MR Egger
All − Inverse variance weighted
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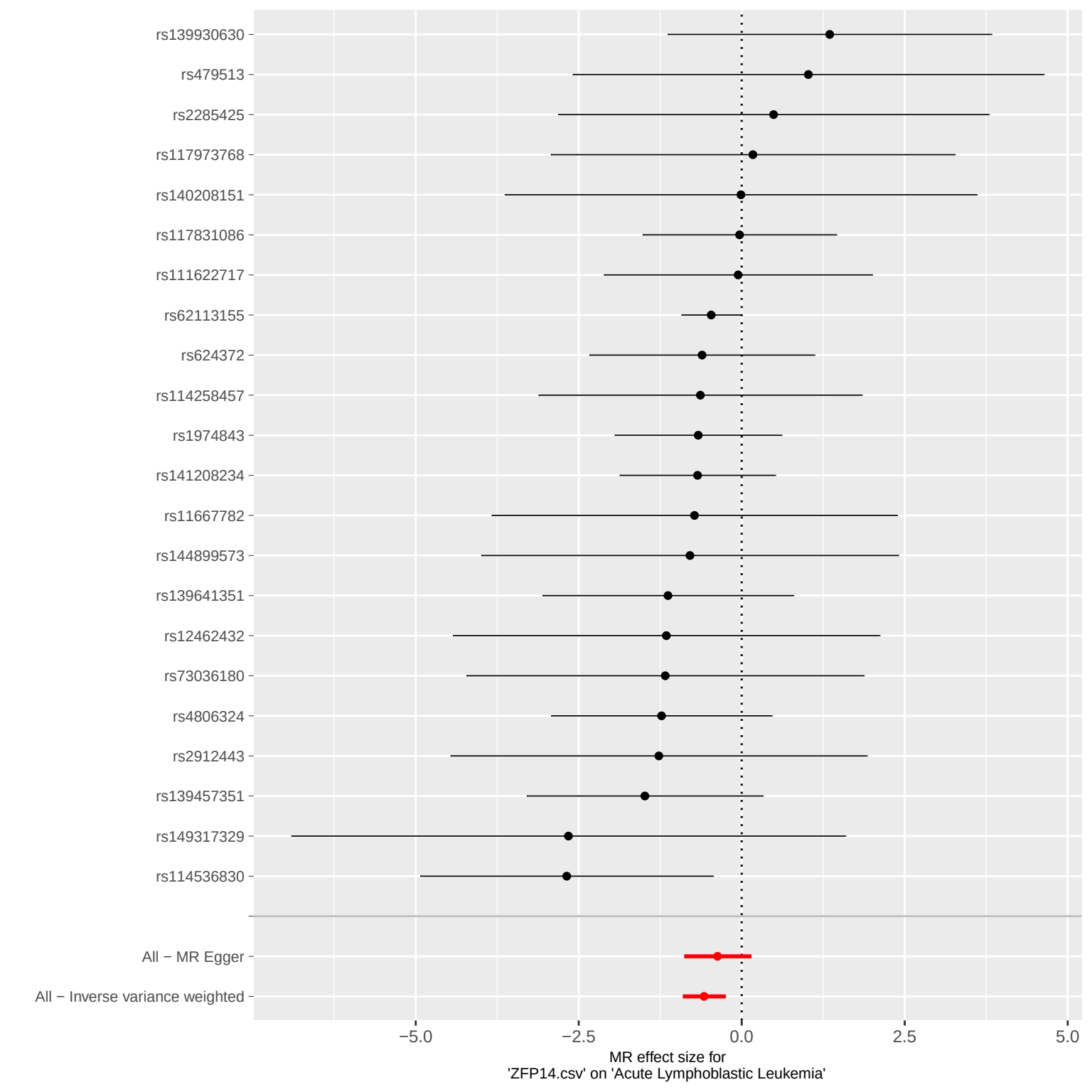
−2.5
0.0
2.5
5.0
MR effect size for
'ZFHX3.csv' on 'Acute Lymphoblastic Leukemia'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rs2912443
rs139457351
rs149317329
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All − MR Egger
All − Inverse variance weighted
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−2.5
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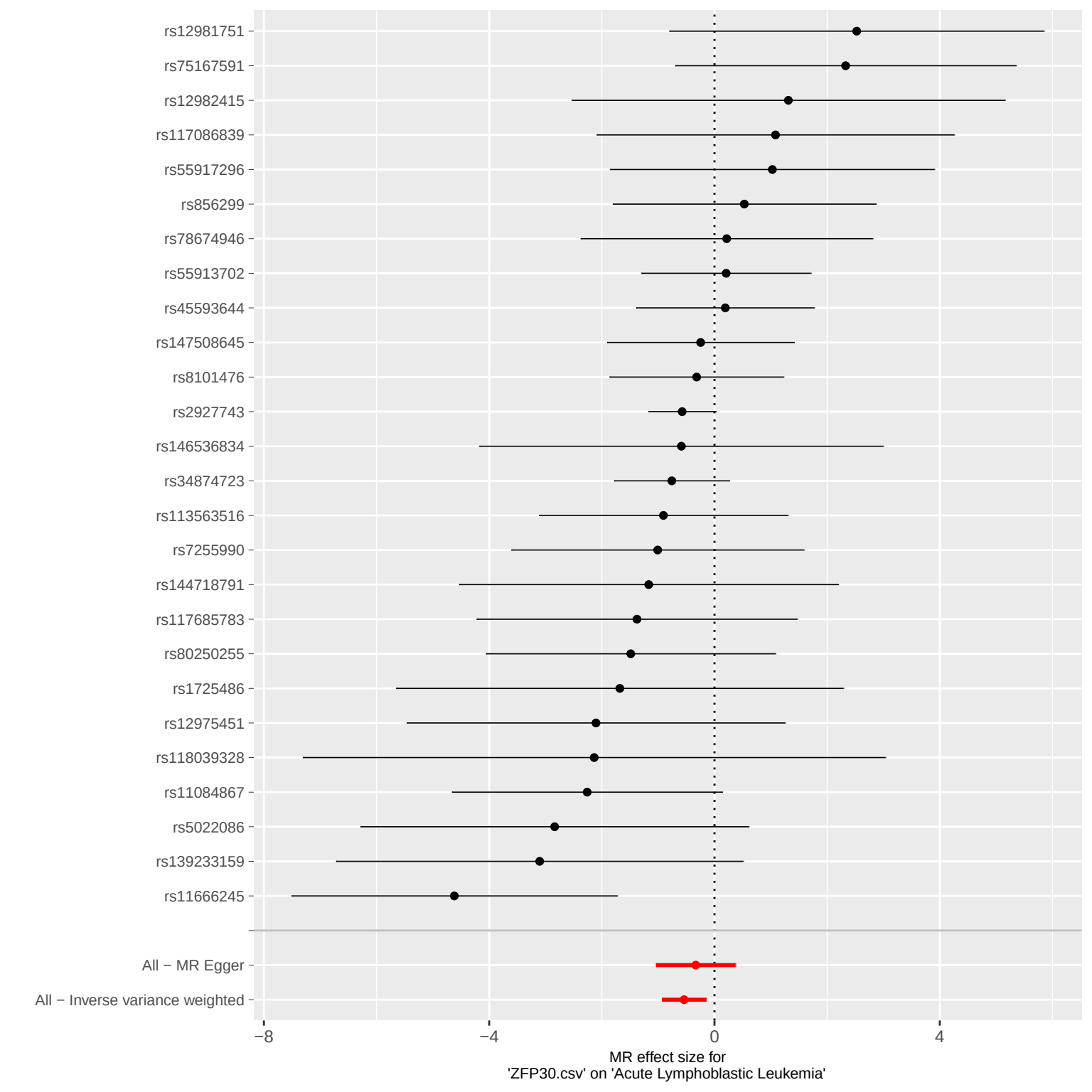
2.5
5.0
MR effect size for
'ZFP14.csv' on 'Acute Lymphoblastic Leukemia'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rs144718791
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rs1725486
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rs11084867
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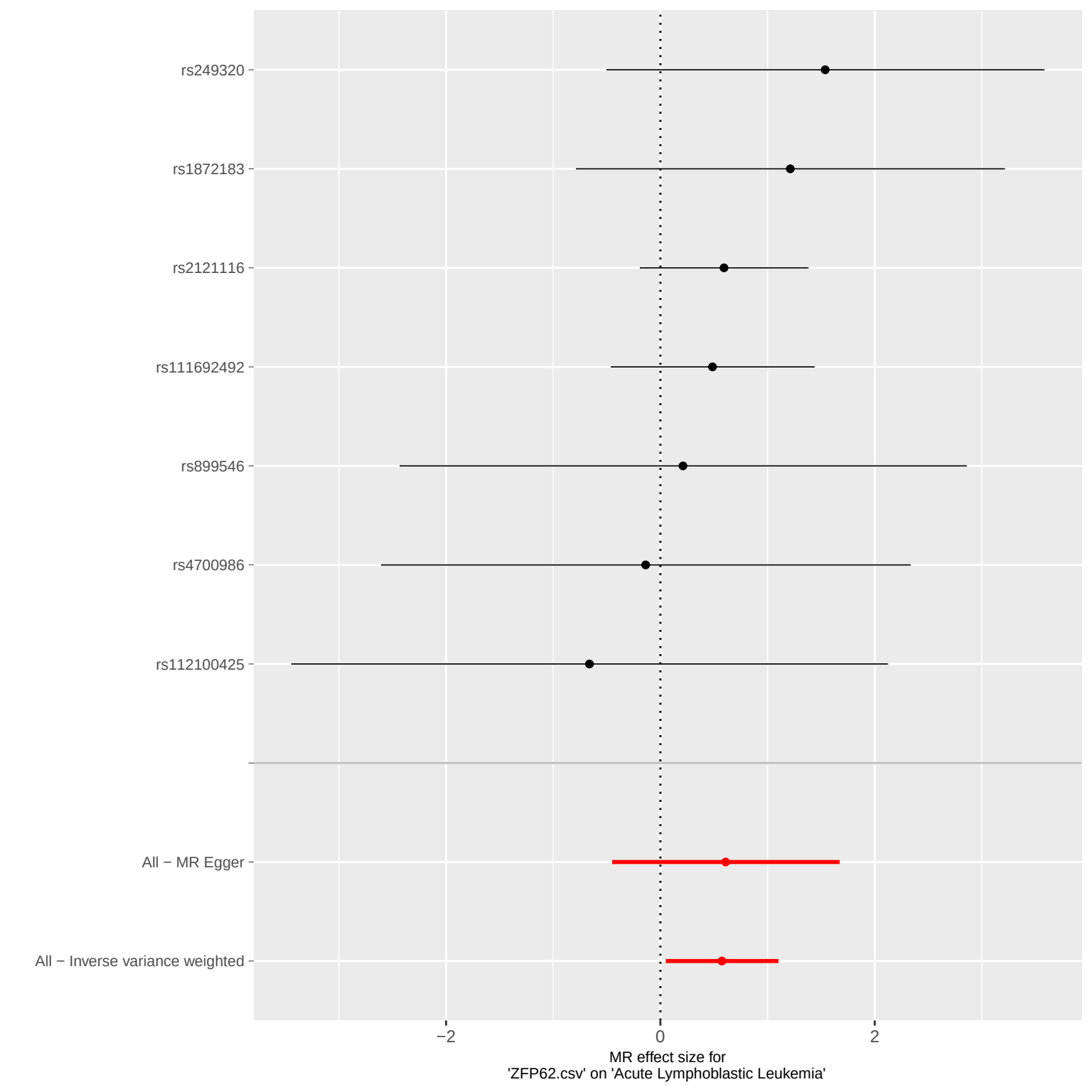
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ZFP30.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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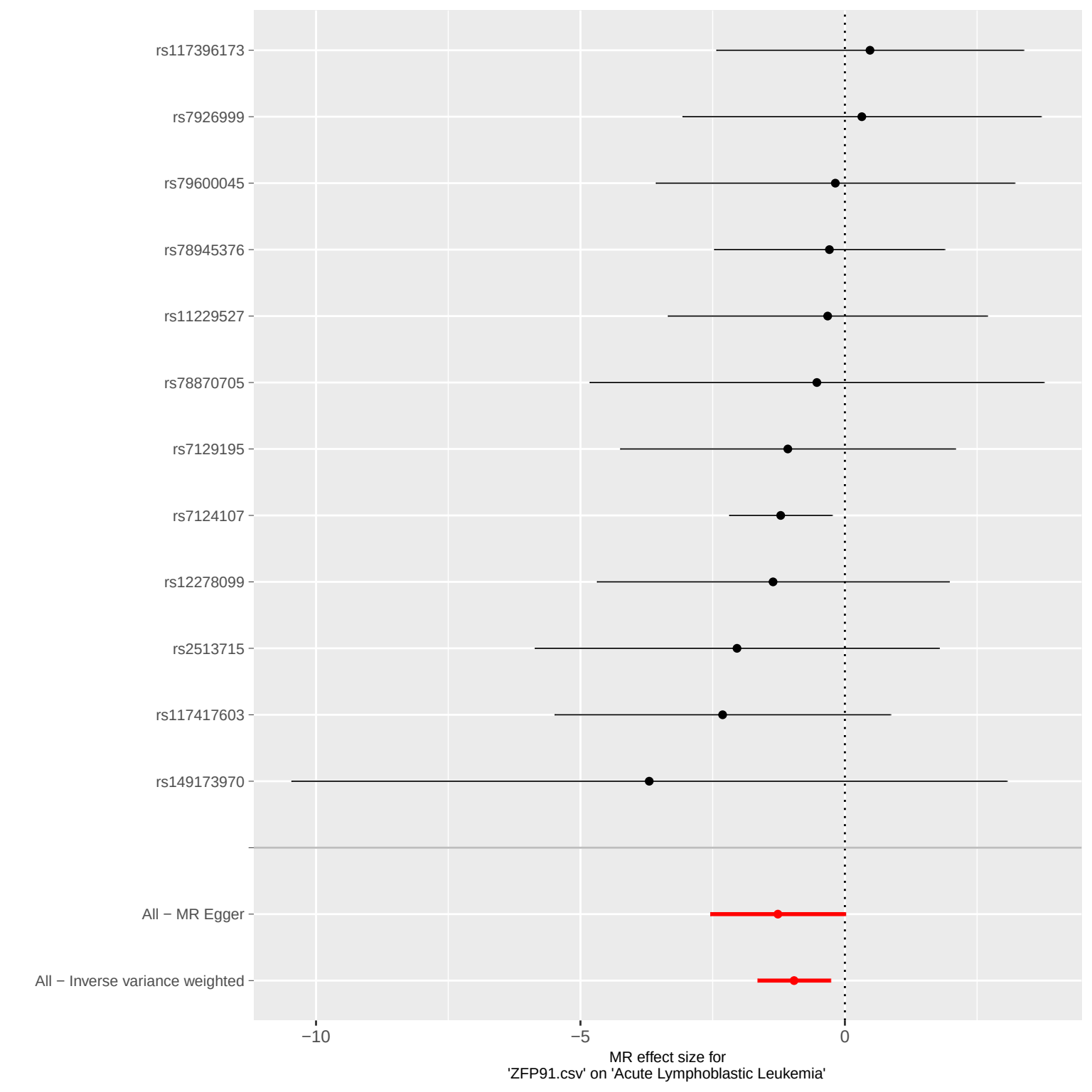
0
2
MR effect size for
'ZFP62.csv' on 'Acute Lymphoblastic Leukemia'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rs117417603
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All − MR Egger
All − Inverse variance weighted
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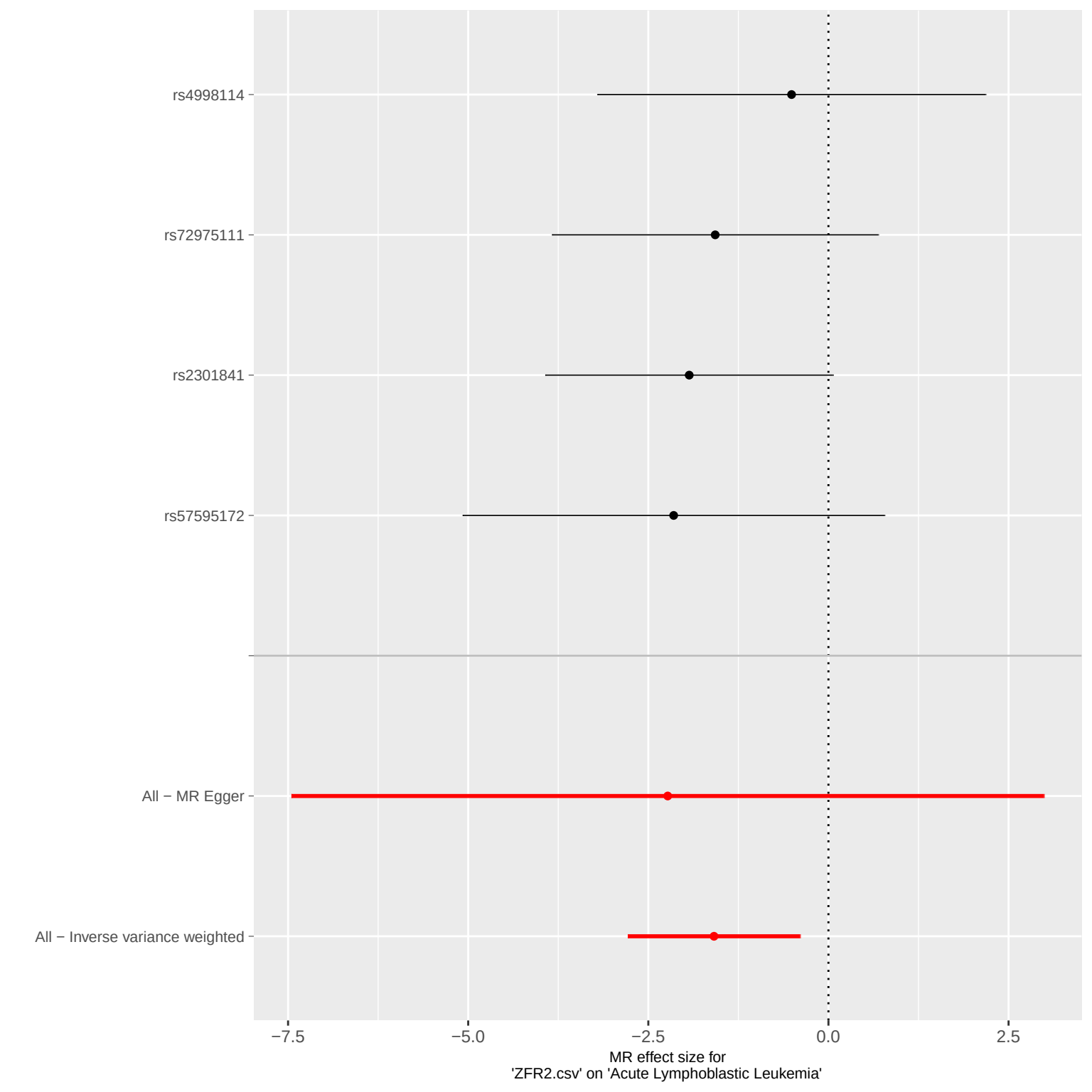
MR effect size for
'ZFP91.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−5.0
−2.5
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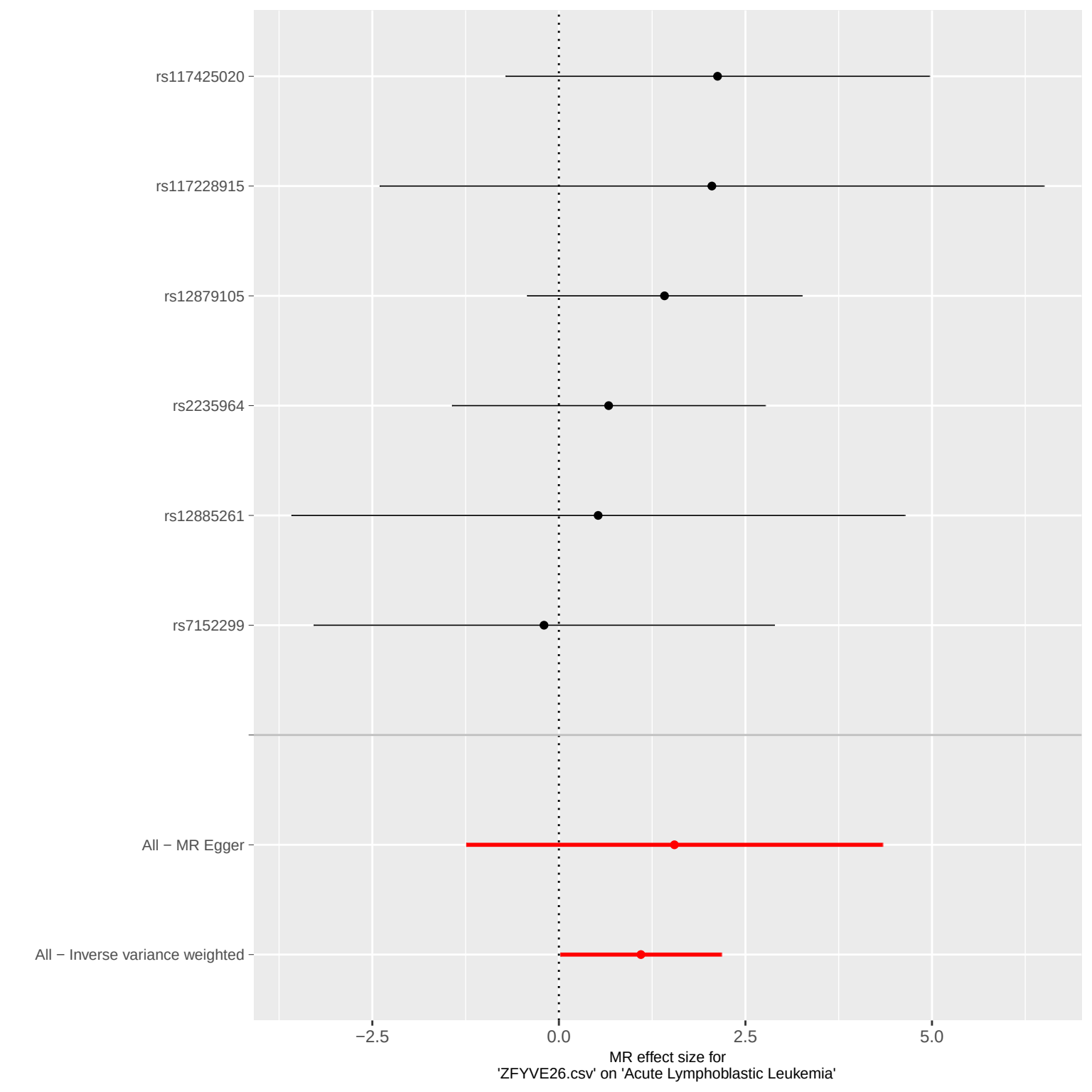
2.5
MR effect size for
'ZFR2.csv' on 'Acute Lymphoblastic Leukemia'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All − Inverse variance weighted
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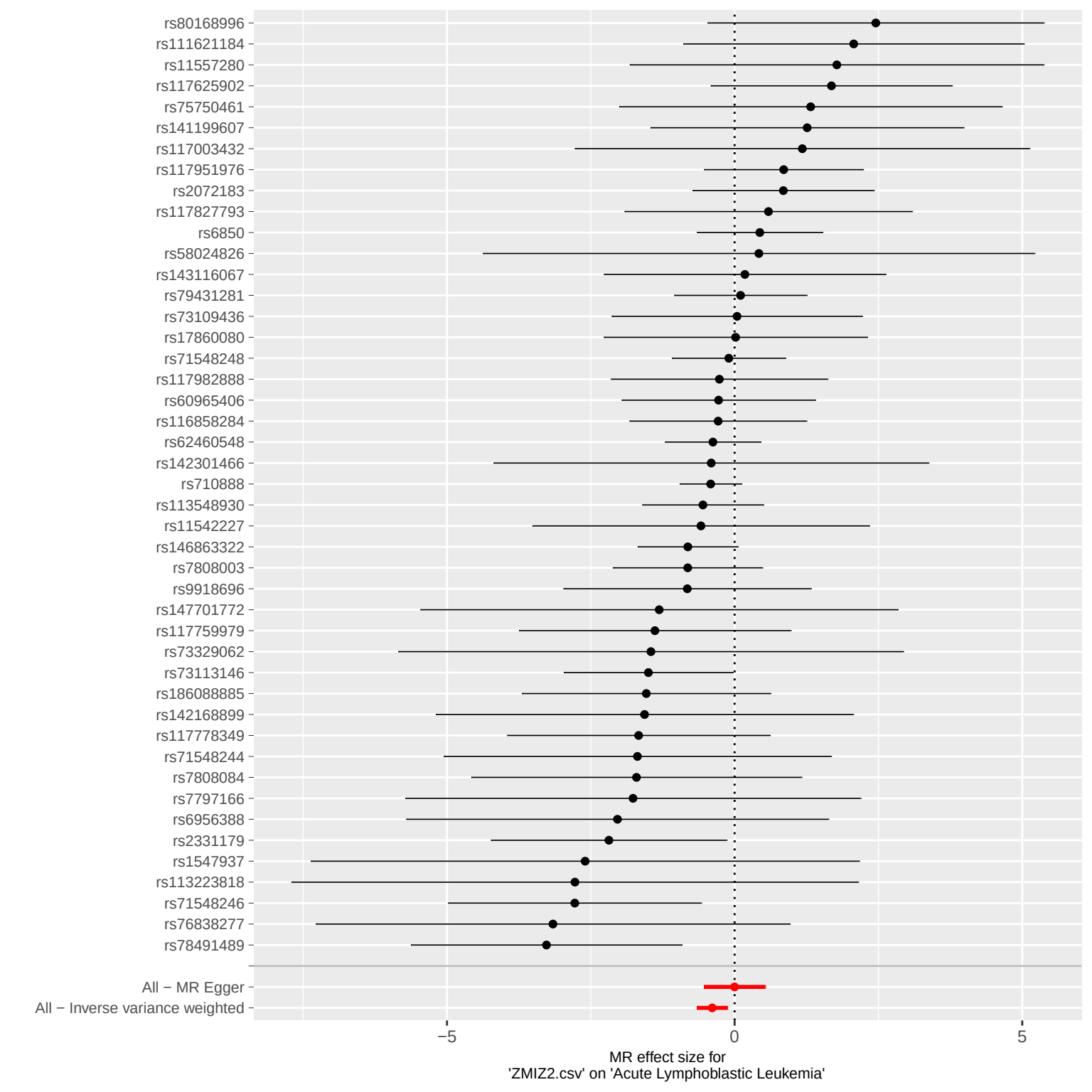
0.0
2.5
5.0
MR effect size for
'ZFYVE26.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
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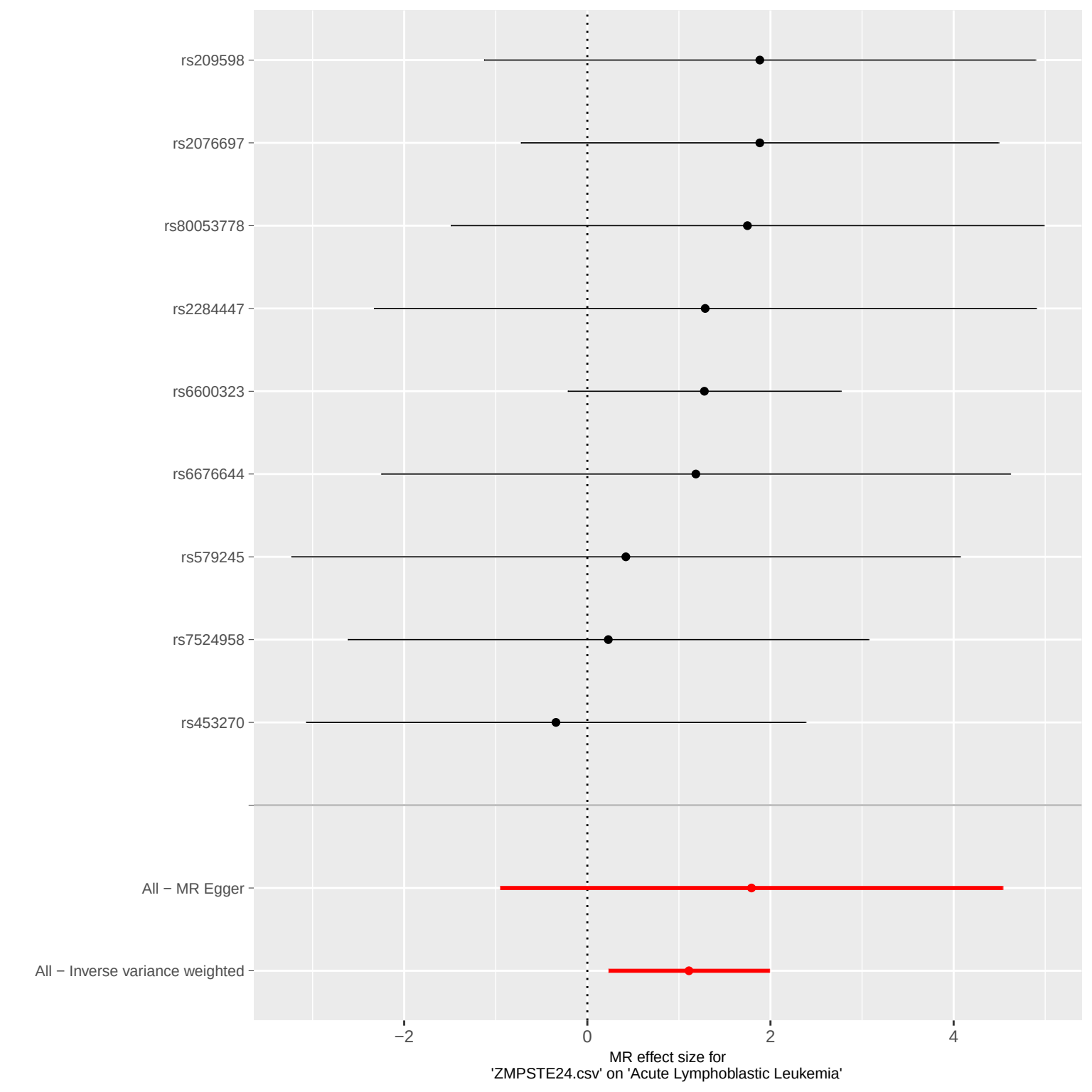
MR effect size for
'ZMIZ2.csv' on 'Acute Lymphoblastic Leukemia'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rs7524958
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All − MR Egger
All − Inverse variance weighted
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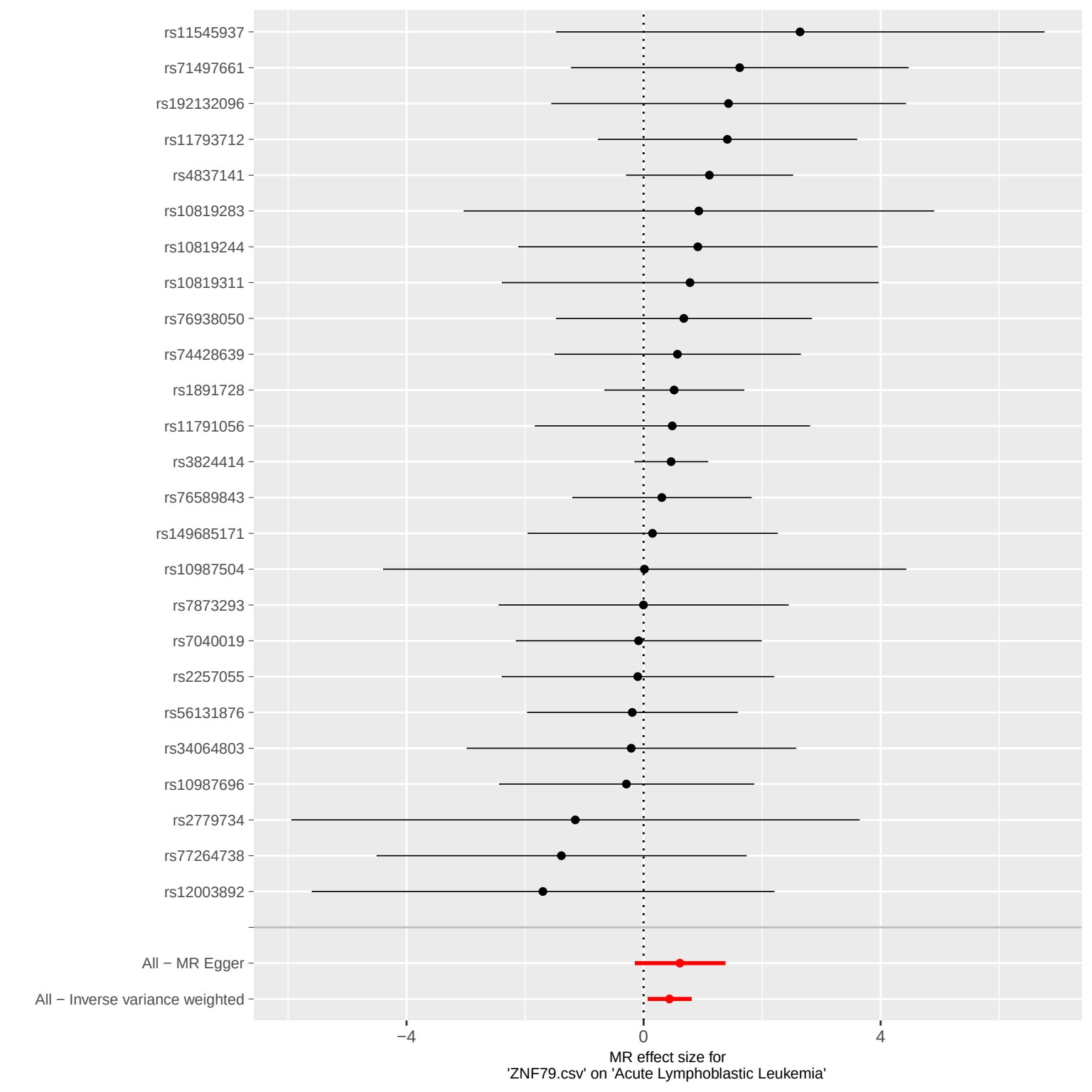
2
4
MR effect size for
'ZMPSTE24.csv' on 'Acute Lymphoblastic Leukemia'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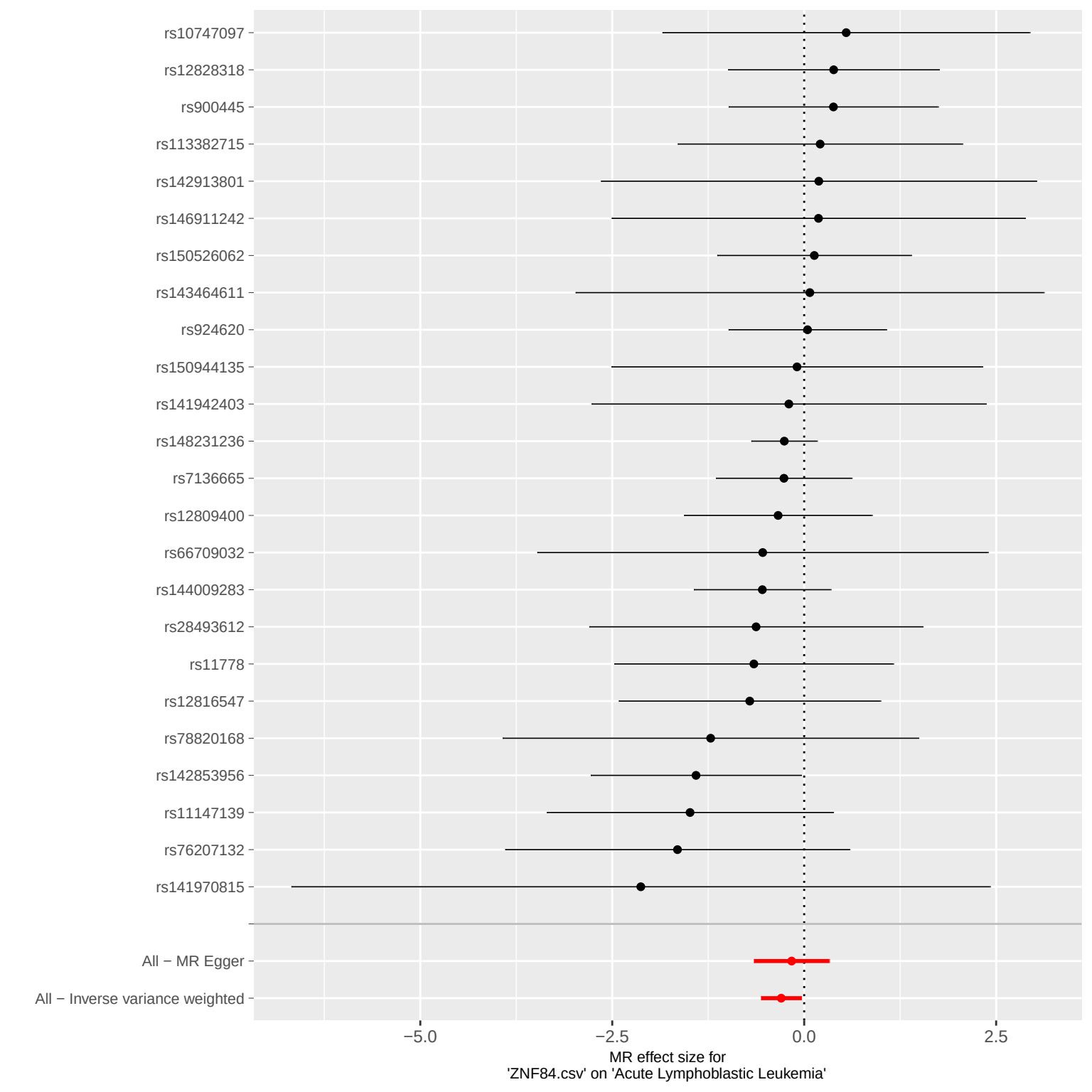
rs4837141
rs10819283
rs10819244
rs10819311
rs76938050
rs74428639
rs1891728
rs11791056
rs3824414
rs76589843
rs149685171
rs10987504
rs7873293
rs7040019
rs2257055
rs56131876
rs34064803
rs10987696
rs2779734
rs77264738
rs12003892
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF79.csv' on 'Acute Lymphoblastic Leukemia'


rs10747097
rs12828318
rs900445
rs113382715
rs142913801
rs146911242
rs150526062
rs143464611
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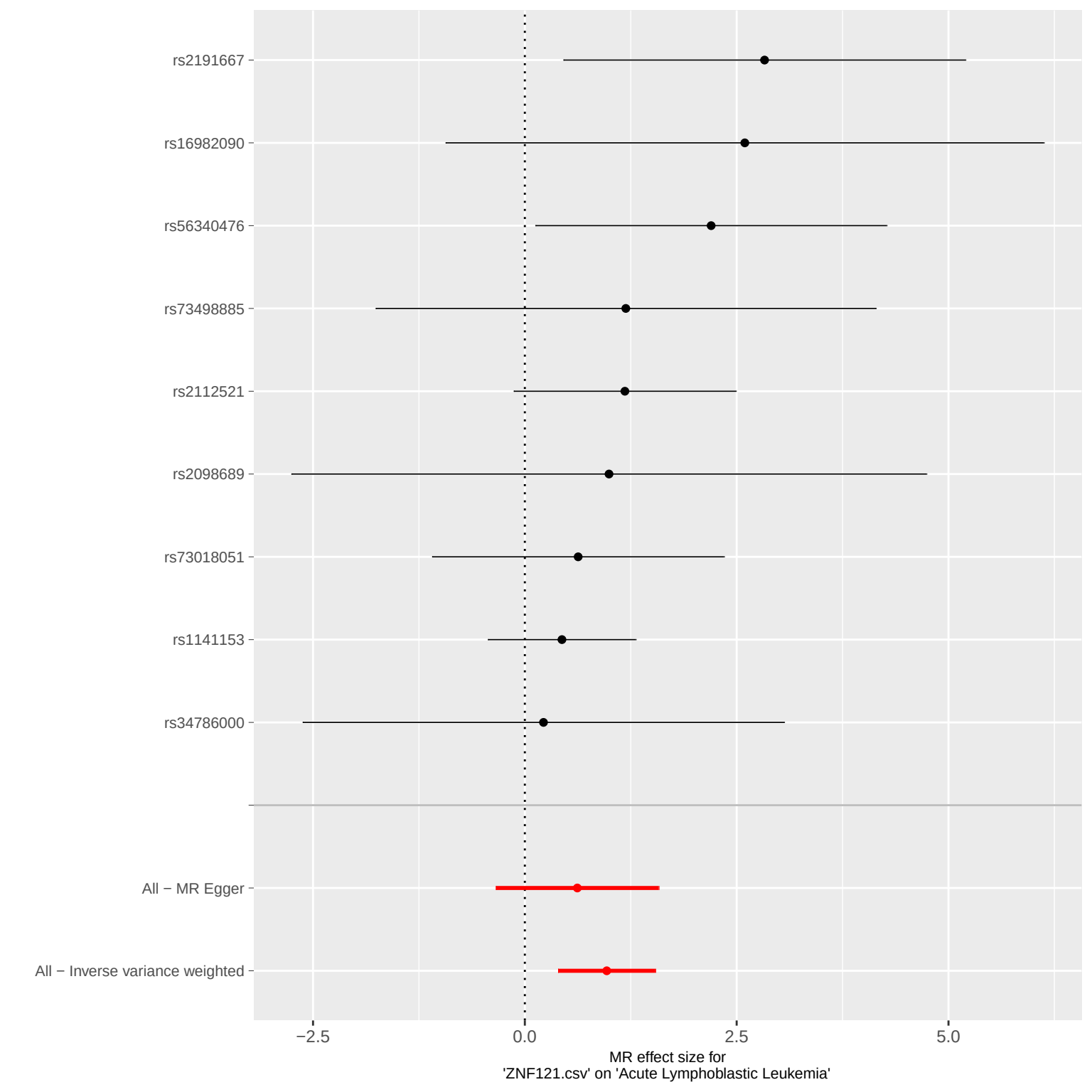
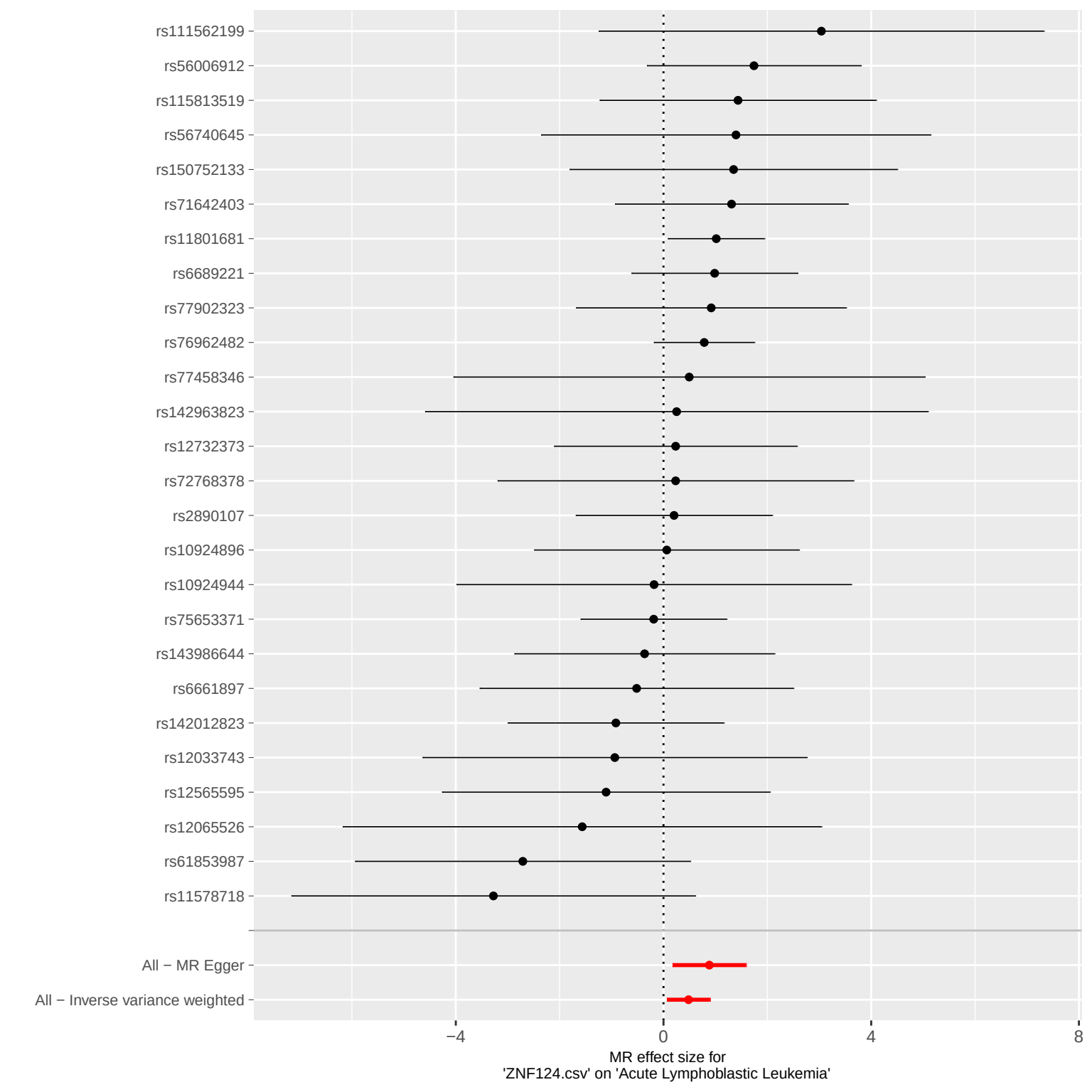
rs141942403
rs148231236
rs7136665
rs12809400
rs66709032
rs144009283
rs28493612
rs11778
rs12816547
rs78820168
rs142853956
rs11147139
rs76207132
rs141970815
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF84.csv' on 'Acute Lymphoblastic Leukemia'


rs2191667
rs16982090
rs56340476
rs73498885
rs2112521
rs2098689
rs73018051
rs1141153
rs34786000
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF121.csv' on 'Acute Lymphoblastic Leukemia'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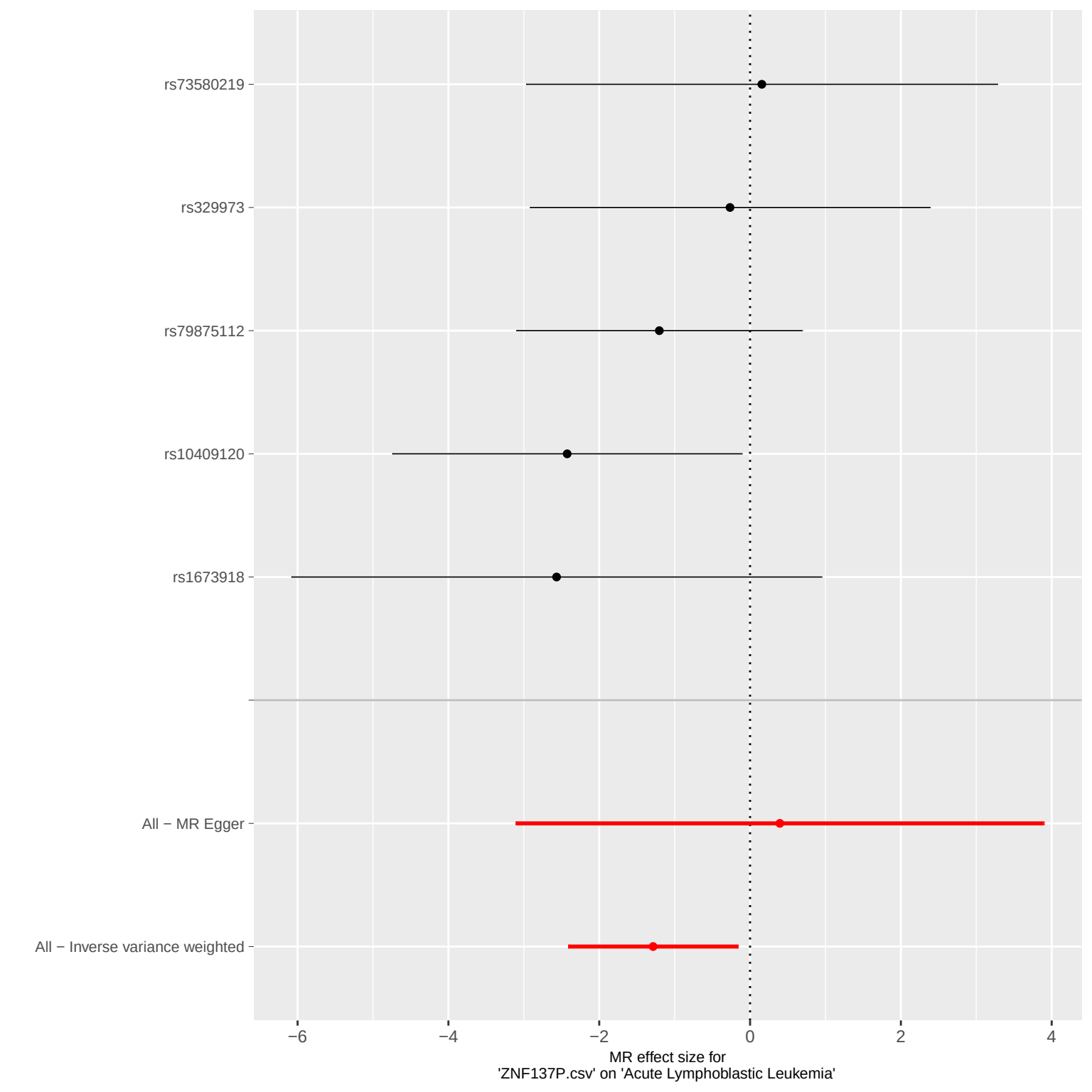
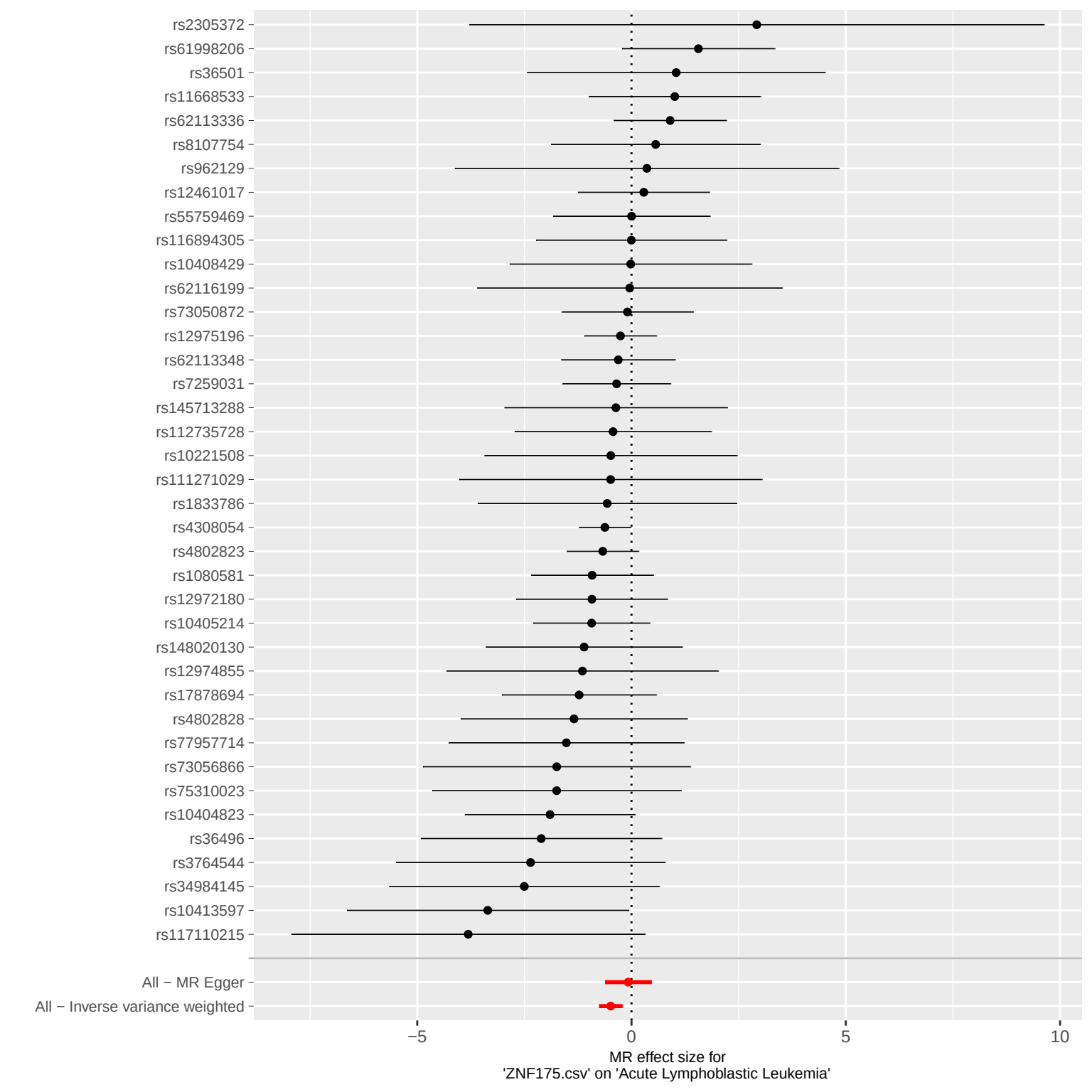
rs150752133
rs71642403
rs11801681
rs6689221
rs77902323
rs76962482
rs77458346
rs142963823
rs12732373
rs72768378
rs2890107
rs10924896
rs10924944
rs75653371
rs143986644
rs6661897
rs142012823
rs12033743
rs12565595
rs12065526
rs61853987
rs11578718
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ZNF124.csv' on 'Acute Lymphoblastic Leukemia'


rs73580219
rs329973
rs79875112
rs10409120
rs1673918
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'ZNF137P.csv' on 'Acute Lymphoblastic Leukemia'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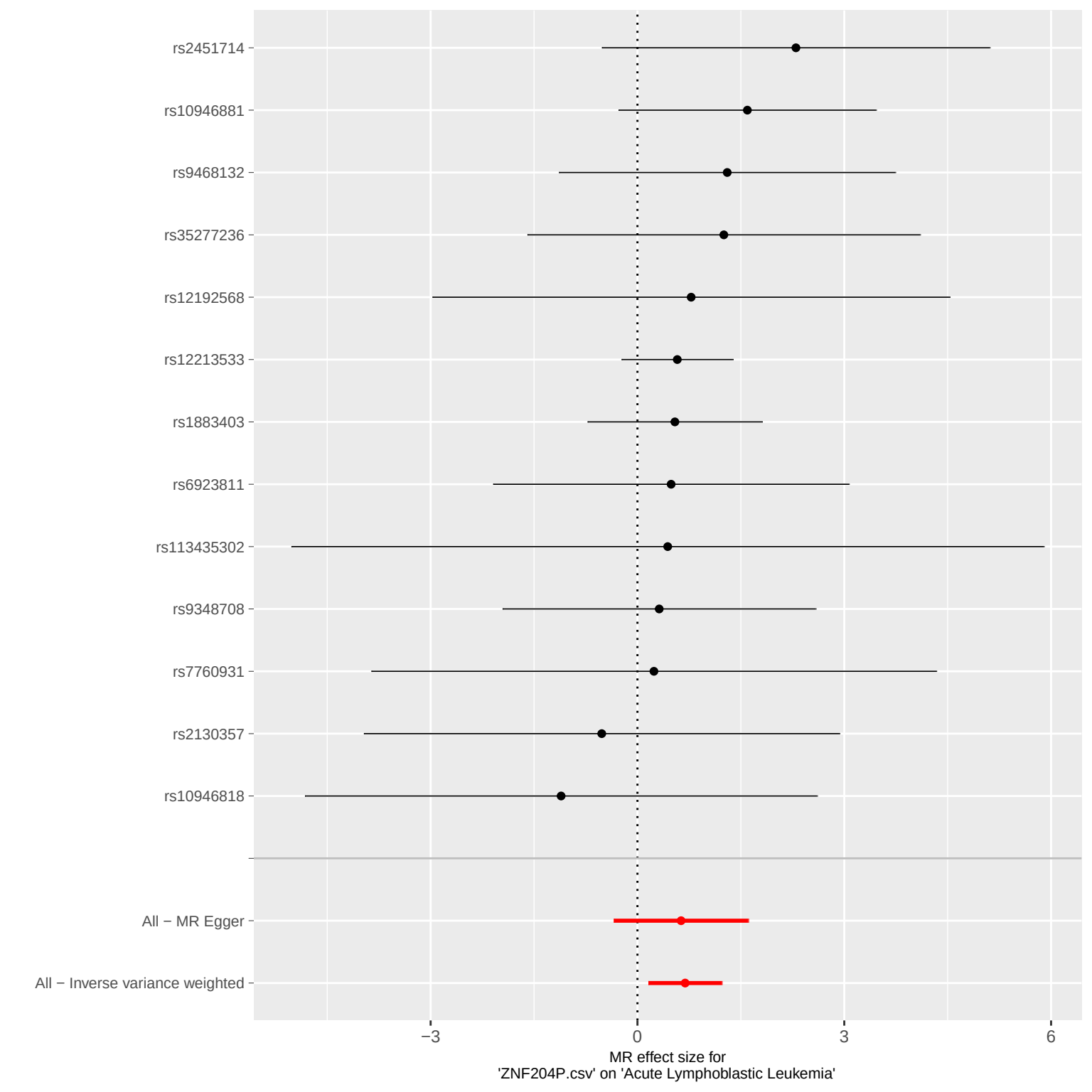
rs62116199
rs73050872
rs12975196
rs62113348
rs7259031
rs145713288
rs112735728
rs10221508
rs111271029
rs1833786
rs4308054
rs4802823
rs1080581
rs12972180
rs10405214
rs148020130
rs12974855
rs17878694
rs4802828
rs77957714
rs73056866
rs75310023
rs10404823
rs36496
rs3764544
rs34984145
rs10413597
rs117110215
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ZNF175.csv' on 'Acute Lymphoblastic Leukemia'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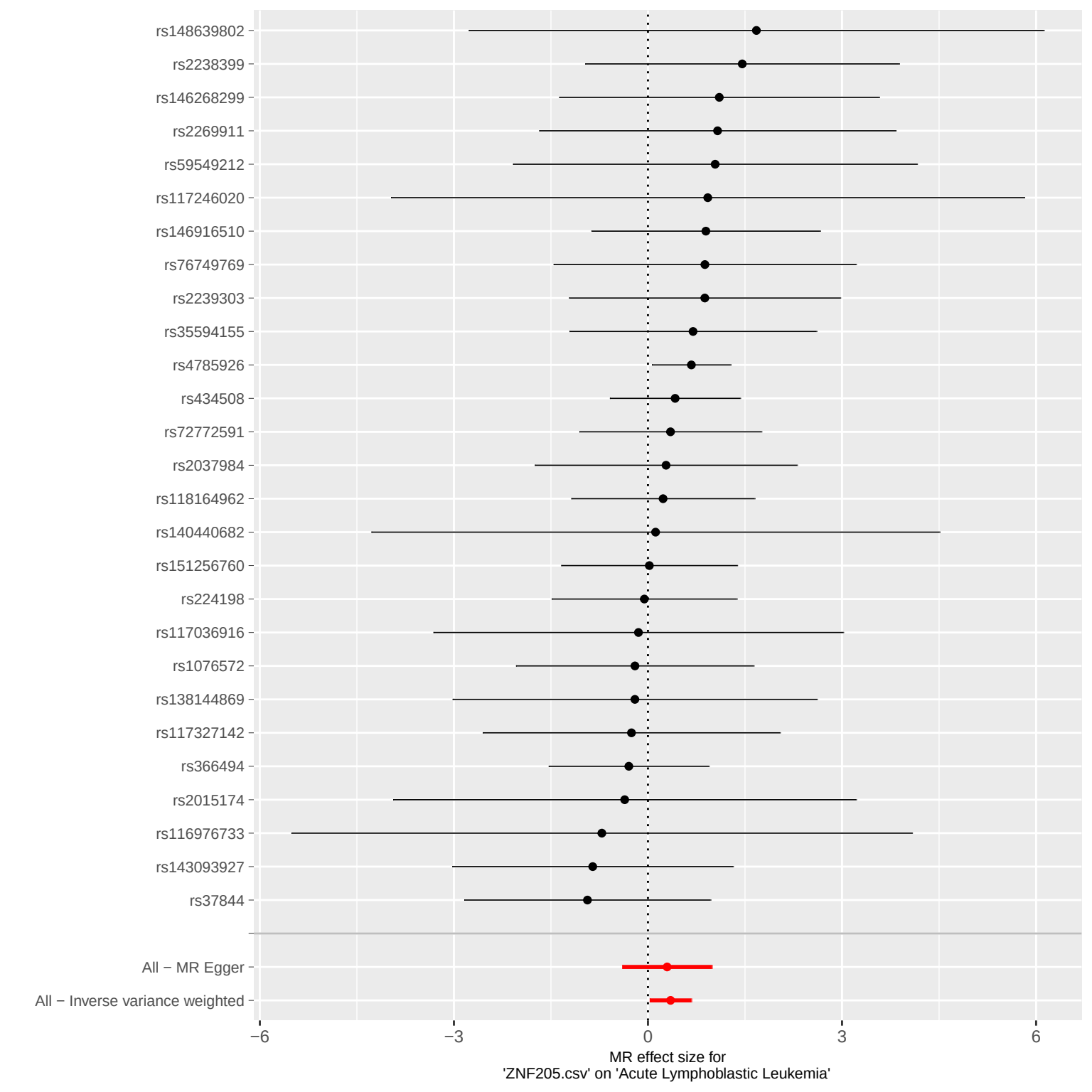
rs10946881
rs9468132
rs35277236
rs12192568
rs12213533
rs1883403
rs6923811
rs113435302
rs9348708
rs7760931
rs2130357
rs10946818
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'ZNF204P.csv' on 'Acute Lymphoblastic Leukemia'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rs59549212
rs117246020
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rs76749769
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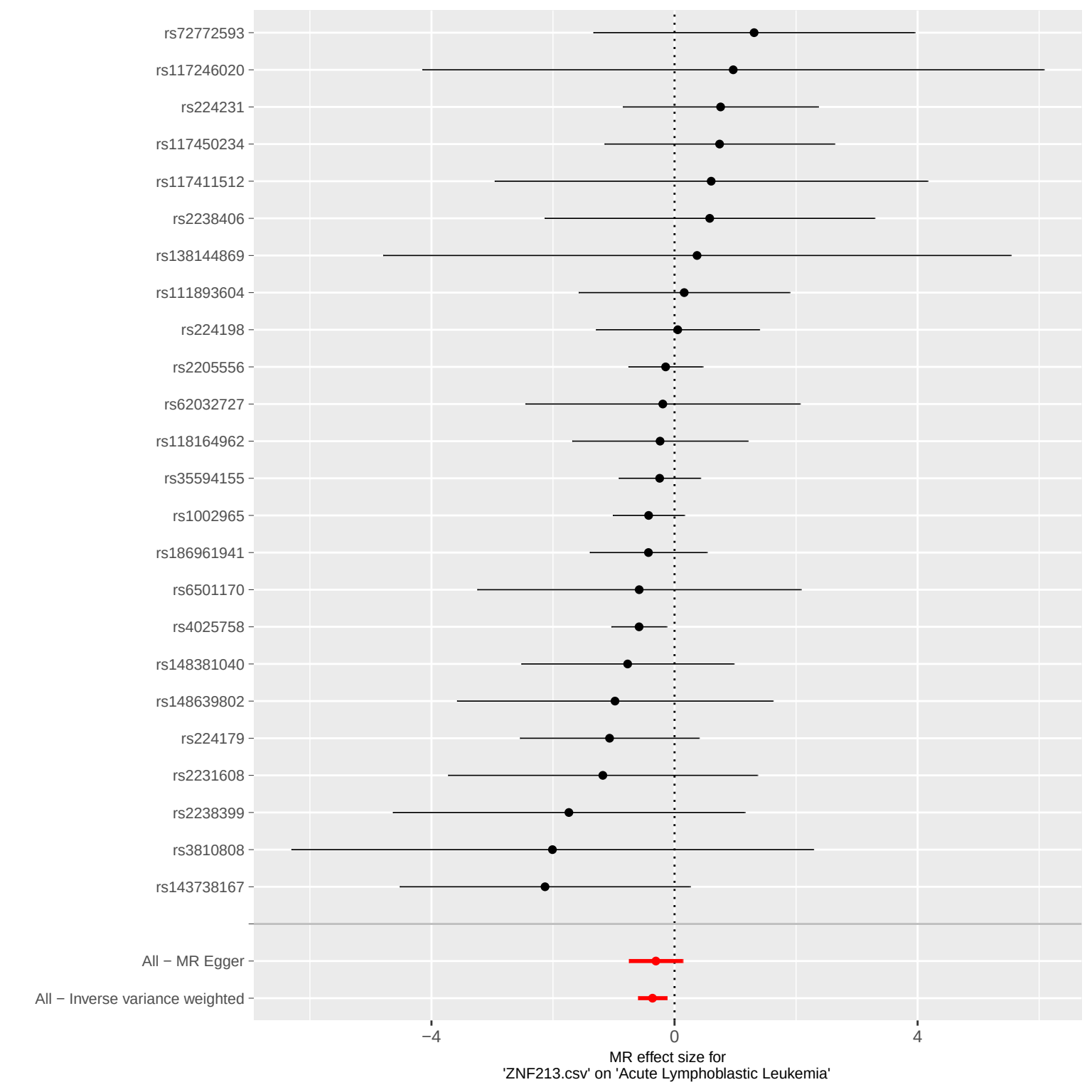
rs434508
rs72772591
rs2037984
rs118164962
rs140440682
rs151256760
rs224198
rs117036916
rs1076572
rs138144869
rs117327142
rs366494
rs2015174
rs116976733
rs143093927
rs37844
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ZNF205.csv' on 'Acute Lymphoblastic Leukemia'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rs224231
rs117450234
rs117411512
rs2238406
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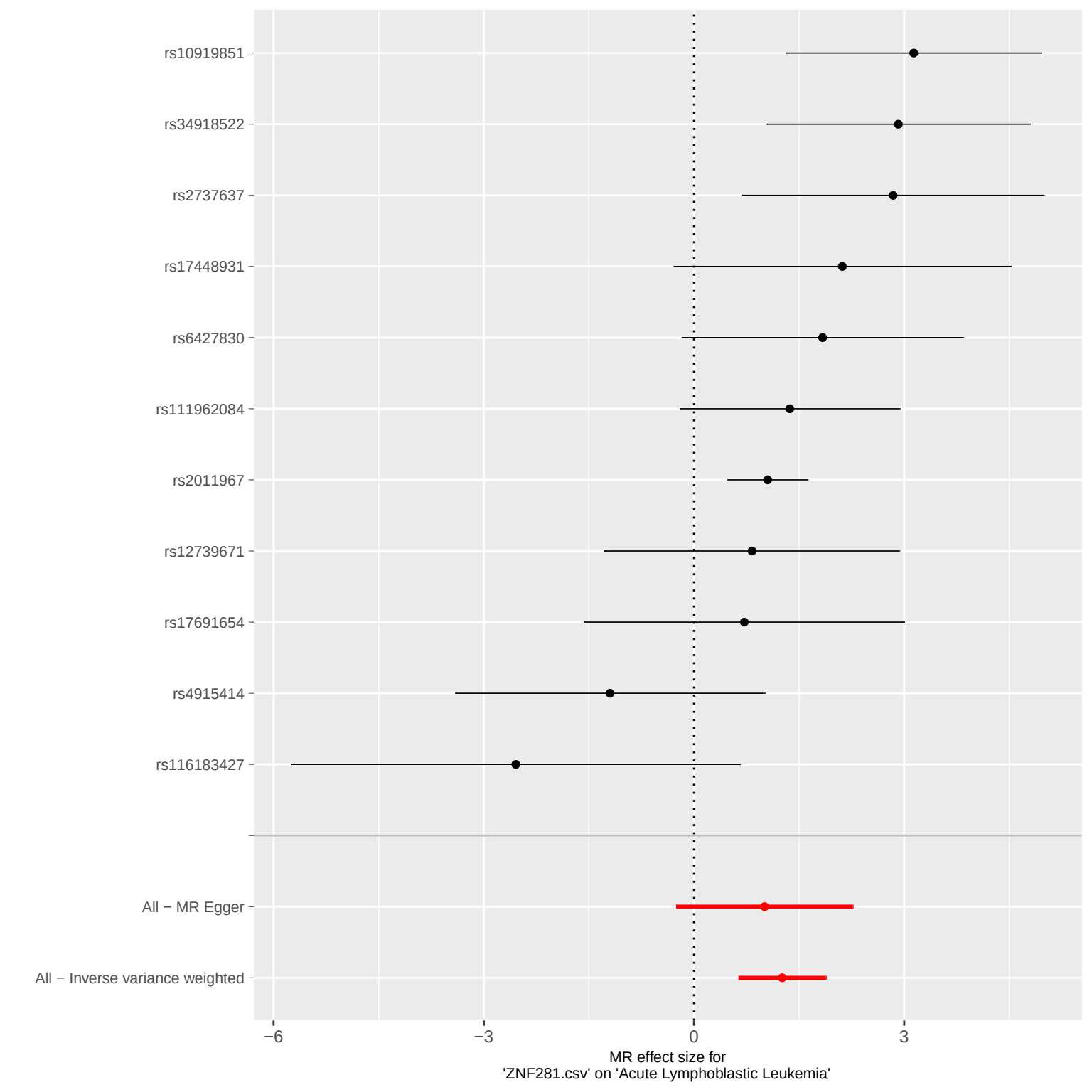
rs224198
rs2205556
rs62032727
rs118164962
rs35594155
rs1002965
rs186961941
rs6501170
rs4025758
rs148381040
rs148639802
rs224179
rs2231608
rs2238399
rs3810808
rs143738167
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF213.csv' on 'Acute Lymphoblastic Leukemia'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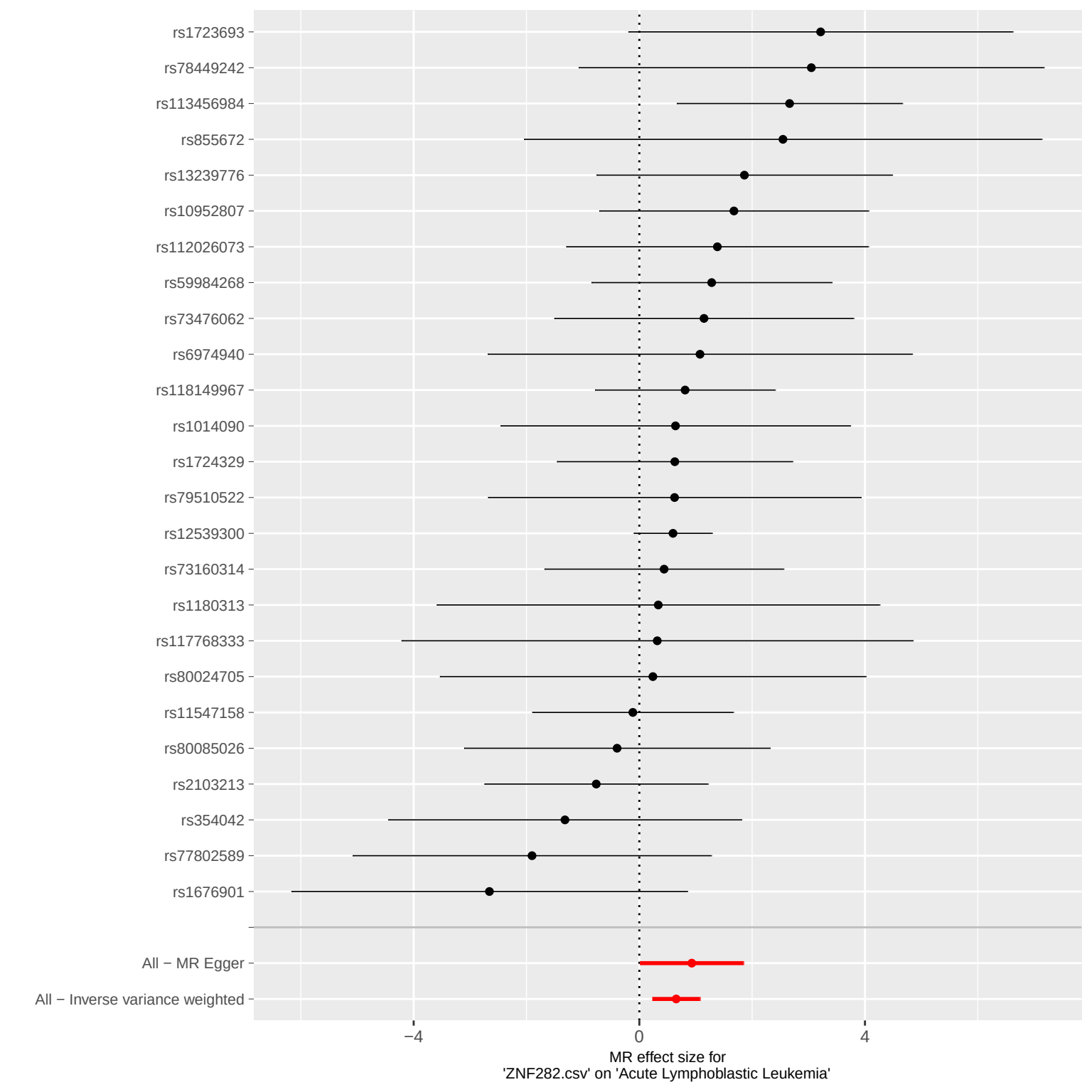
rs2737637
rs17448931
rs6427830
rs111962084
rs2011967
rs12739671
rs17691654
rs4915414
rs116183427
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZNF281.csv' on 'Acute Lymphoblastic Leukemia'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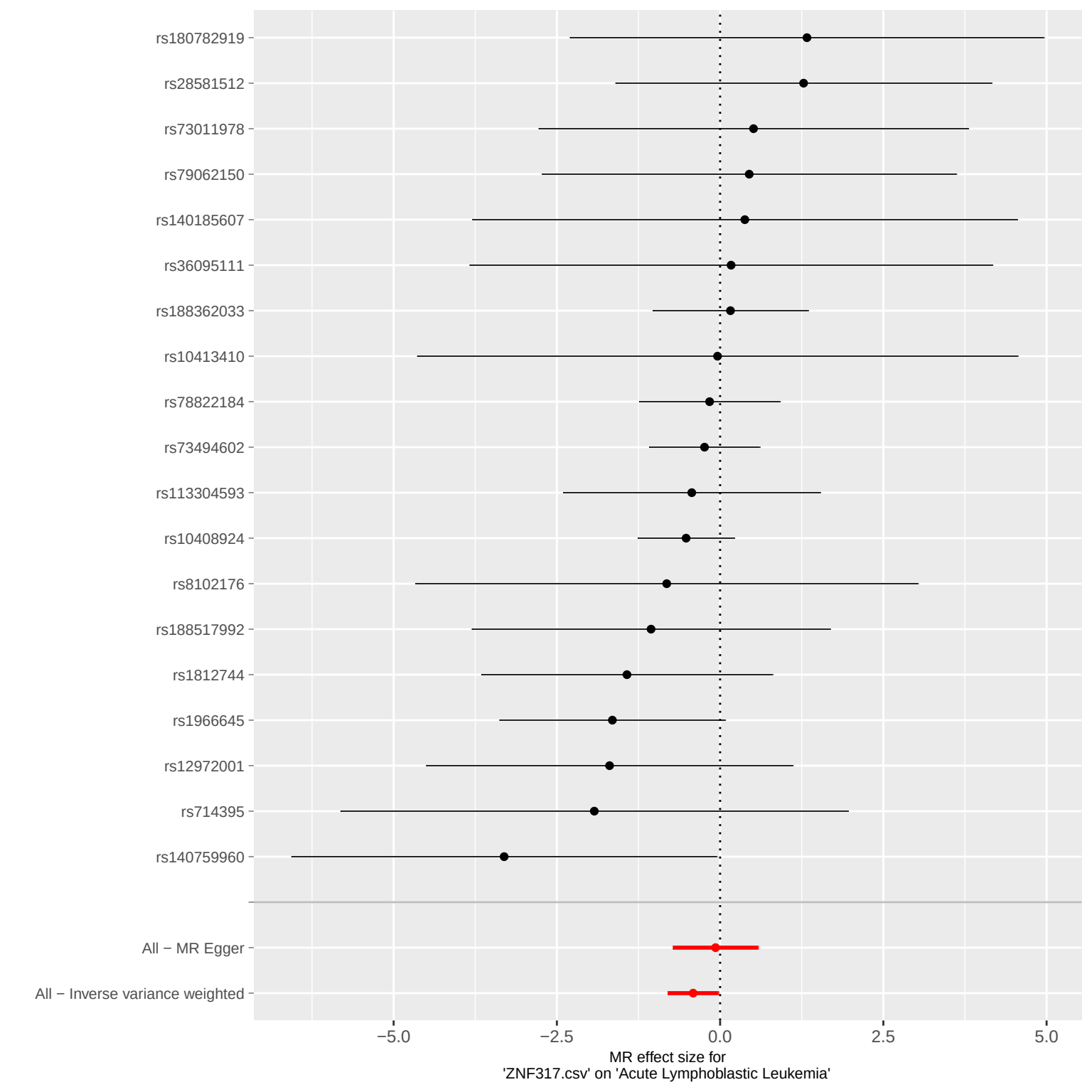
rs118149967
rs1014090
rs1724329
rs79510522
rs12539300
rs73160314
rs1180313
rs117768333
rs80024705
rs11547158
rs80085026
rs2103213
rs354042
rs77802589
rs1676901
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF282.csv' on 'Acute Lymphoblastic Leukemia'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rs36095111
rs188362033
rs10413410
rs78822184
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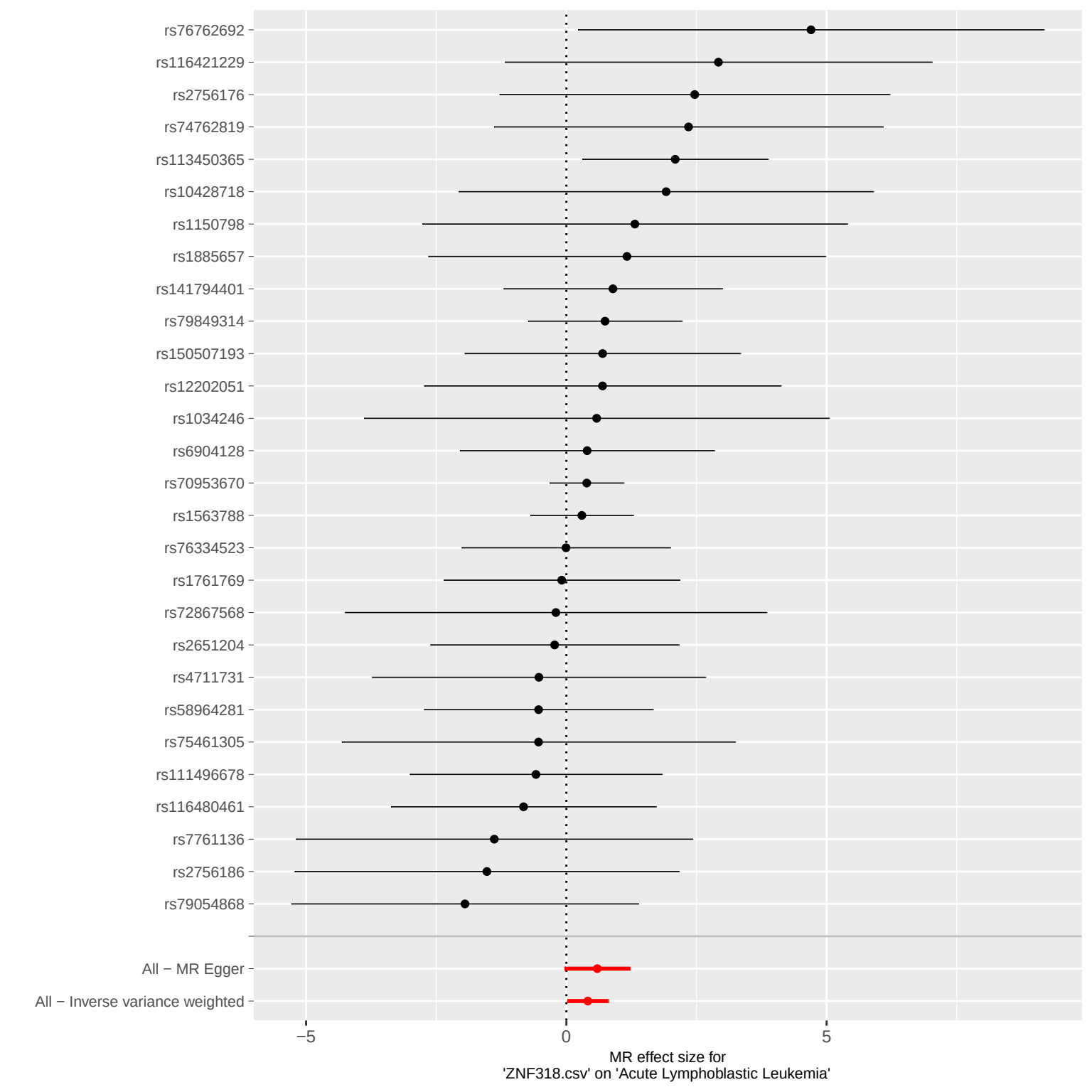
rs113304593
rs10408924
rs8102176
rs188517992
rs1812744
rs1966645
rs12972001
rs714395
rs140759960
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF317.csv' on 'Acute Lymphoblastic Leukemia'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rs150507193
rs12202051
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rs6904128
rs70953670
rs1563788
rs76334523
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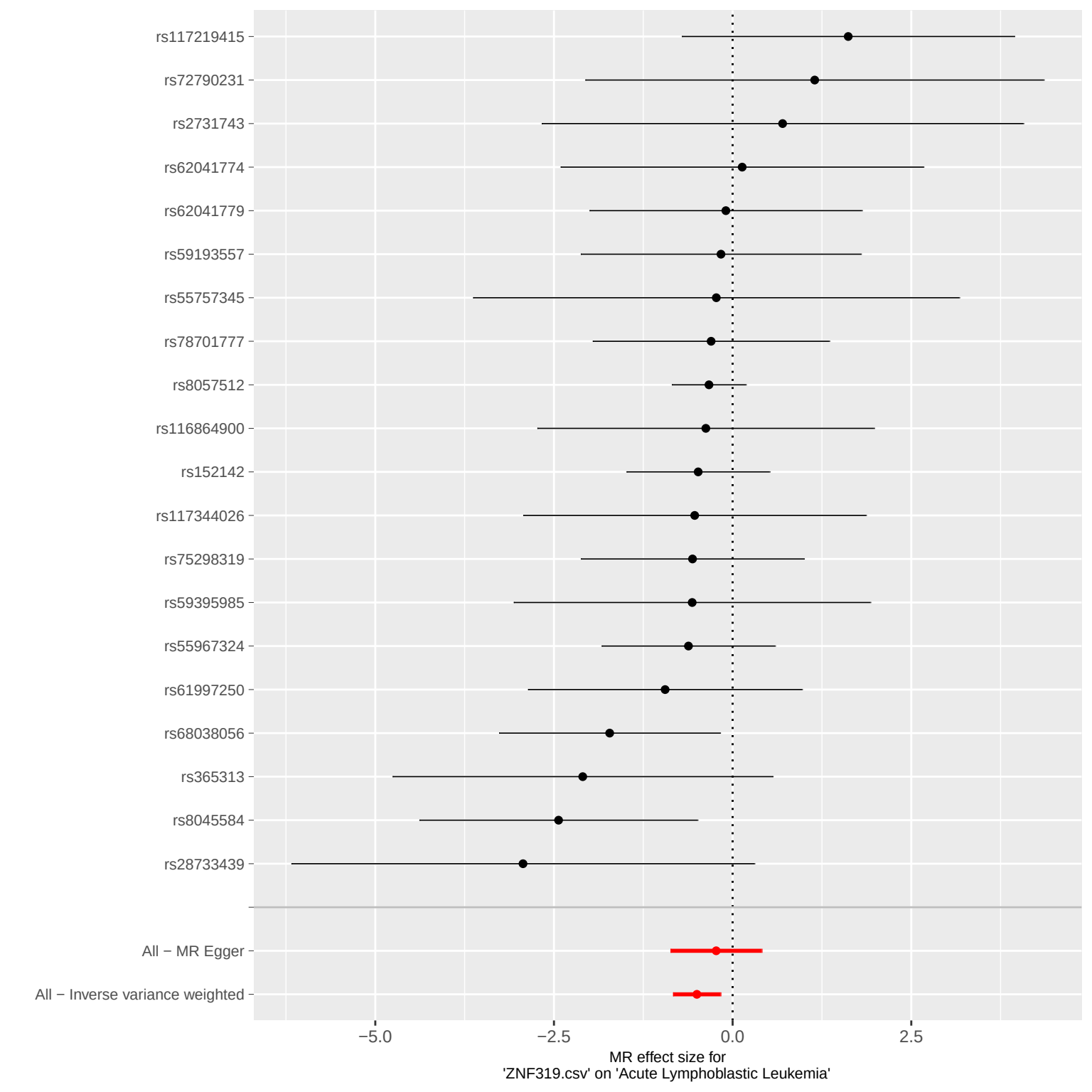
rs72867568
rs2651204
rs4711731
rs58964281
rs75461305
rs111496678
rs116480461
rs7761136
rs2756186
rs79054868
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF318.csv' on 'Acute Lymphoblastic Leukemia'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rs62041779
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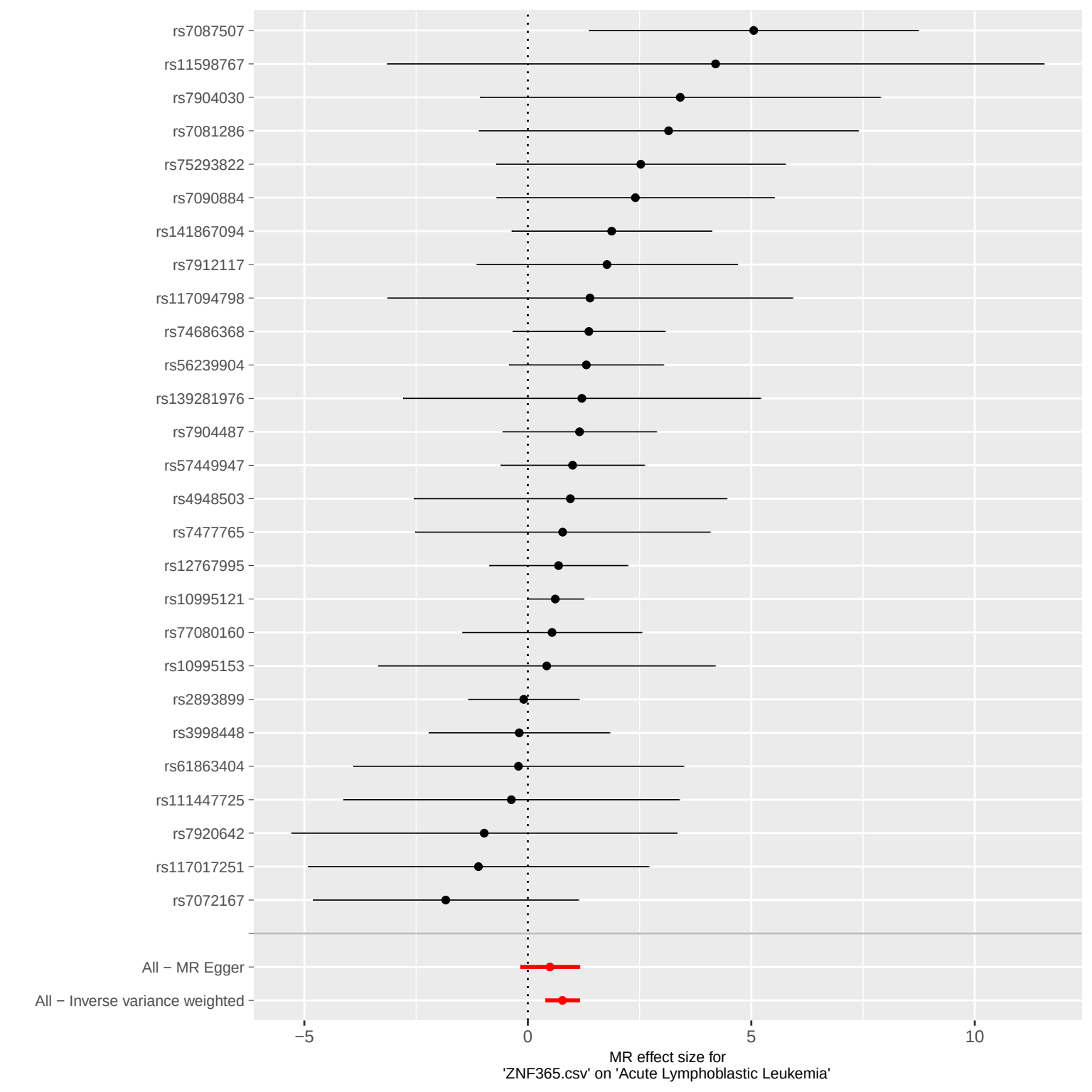
rs152142
rs117344026
rs75298319
rs59395985
rs55967324
rs61997250
rs68038056
rs365313
rs8045584
rs28733439
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF319.csv' on 'Acute Lymphoblastic Leukemia'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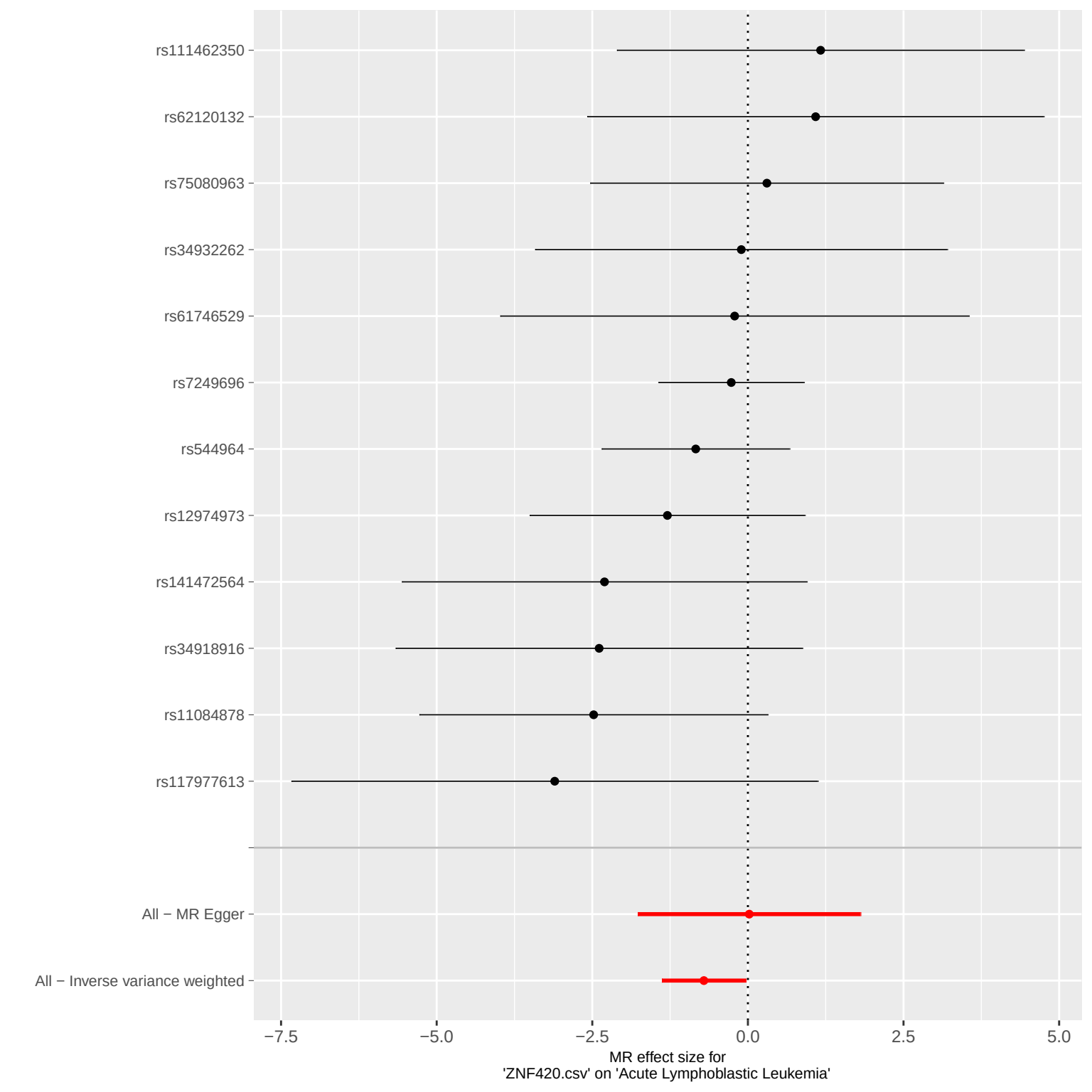
rs57449947
rs4948503
rs7477765
rs12767995
rs10995121
rs77080160
rs10995153
rs2893899
rs3998448
rs61863404
rs111447725
rs7920642
rs117017251
rs7072167
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ZNF365.csv' on 'Acute Lymphoblastic Leukemia'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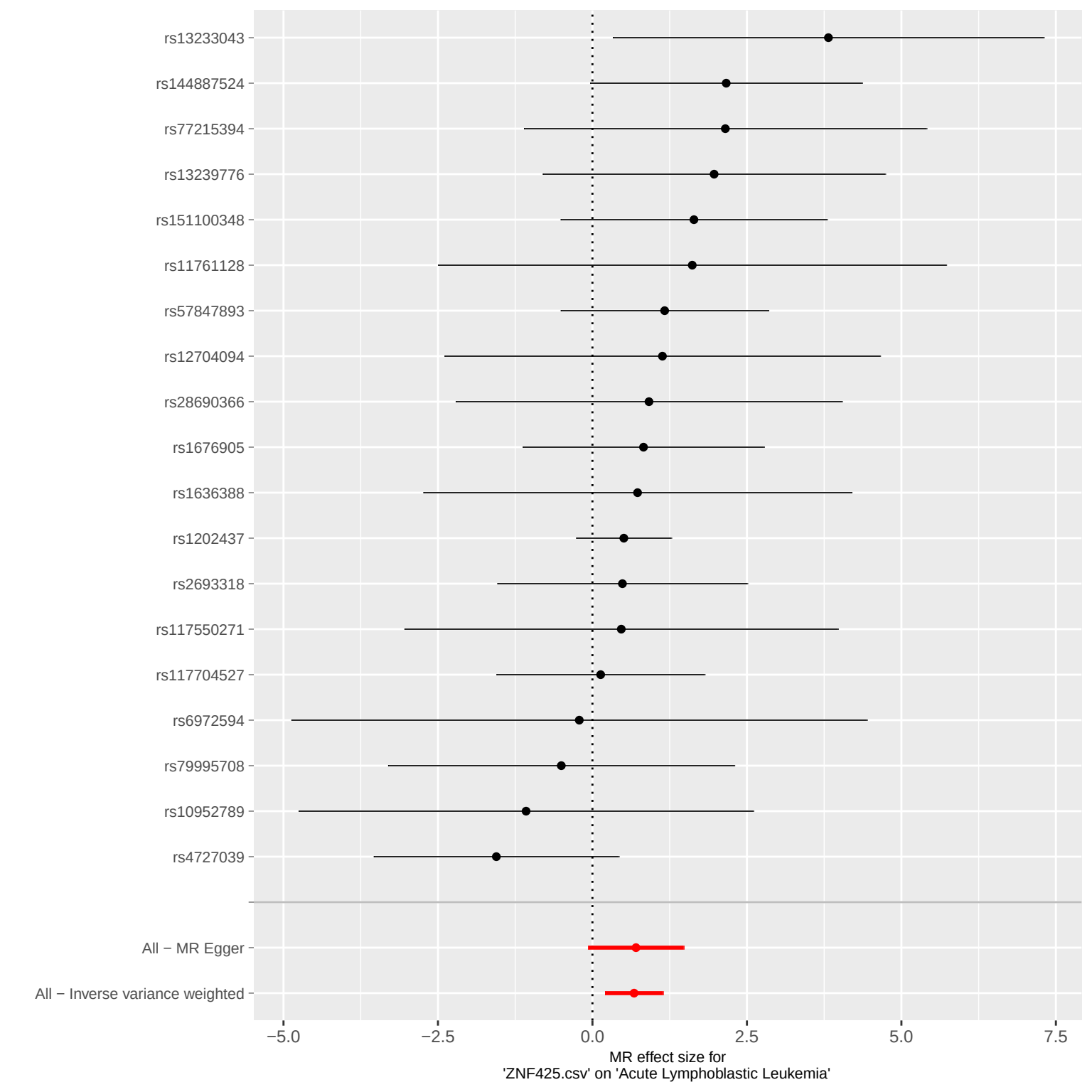
rs61746529
rs7249696
rs544964
rs12974973
rs141472564
rs34918916
rs11084878
rs117977613
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF420.csv' on 'Acute Lymphoblastic Leukemia'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rs1202437
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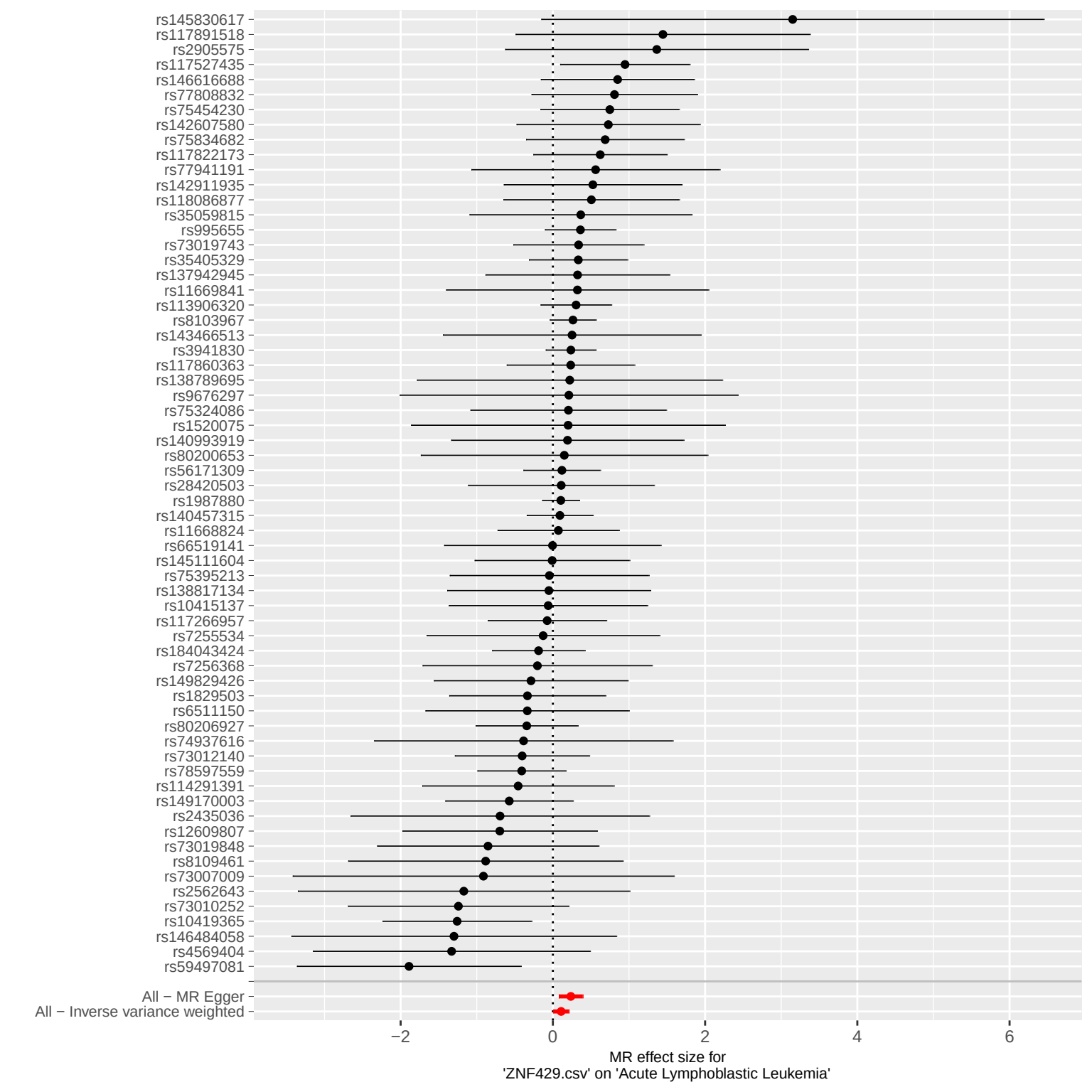
rs117704527
rs6972594
rs79995708
rs10952789
rs4727039
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'ZNF425.csv' on 'Acute Lymphoblastic Leukemia'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rs149829426
rs1829503
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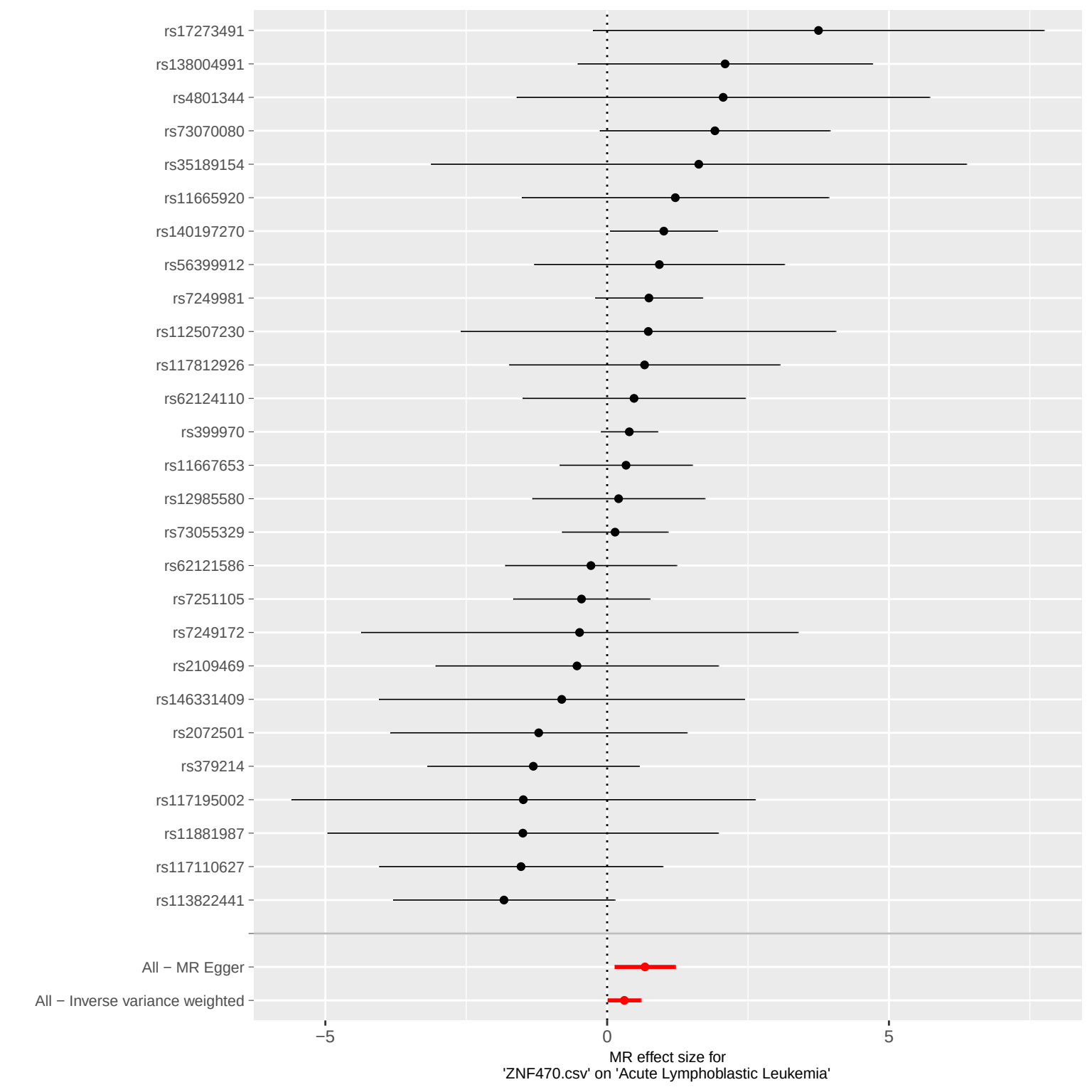
rs12609807
rs73019848
rs8109461
rs73007009
rs2562643
rs73010252
rs10419365
rs146484058
rs4569404
rs59497081
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'ZNF429.csv' on 'Acute Lymphoblastic Leukemia'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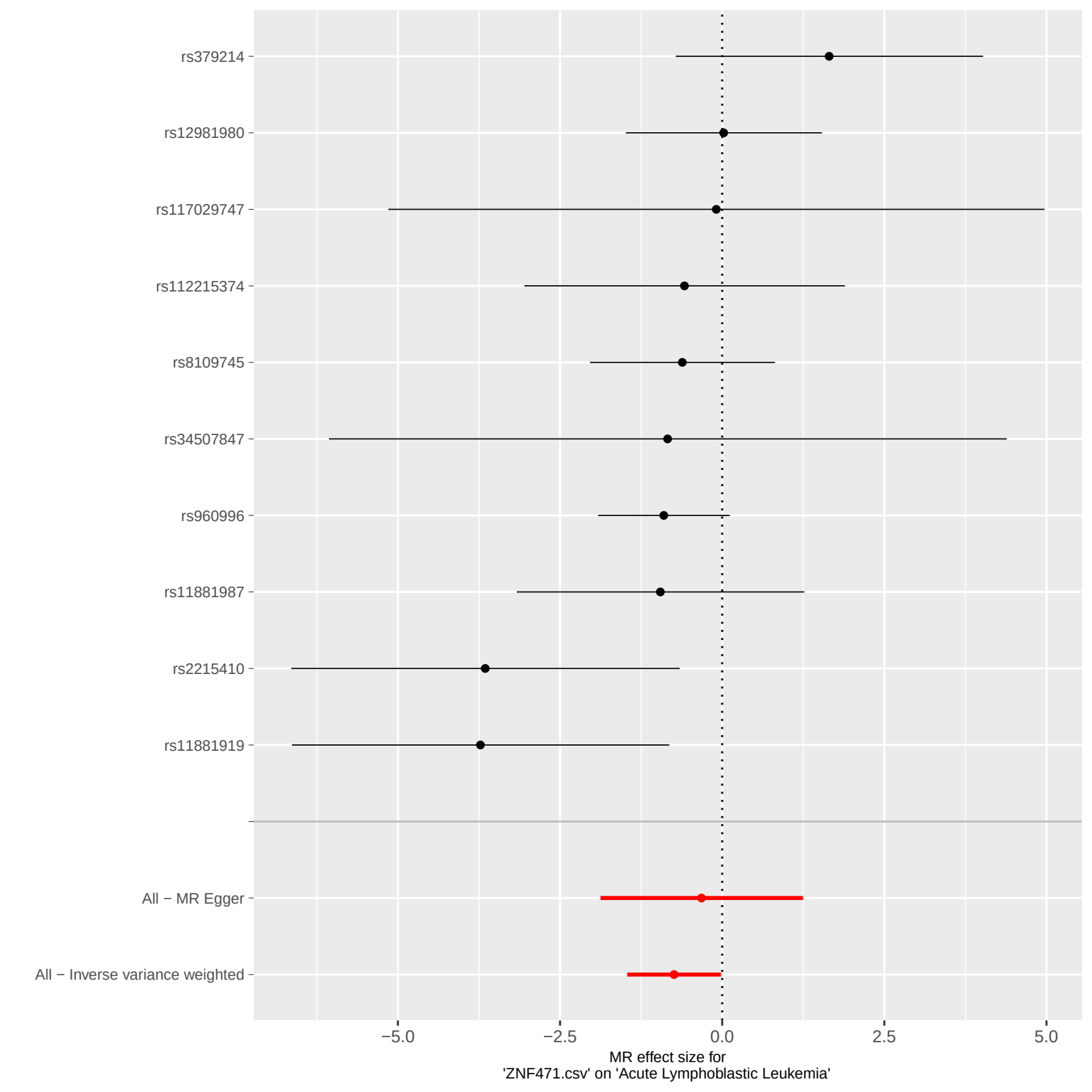
rs2072501
rs379214
rs117195002
rs11881987
rs117110627
rs113822441
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF470.csv' on 'Acute Lymphoblastic Leukemia'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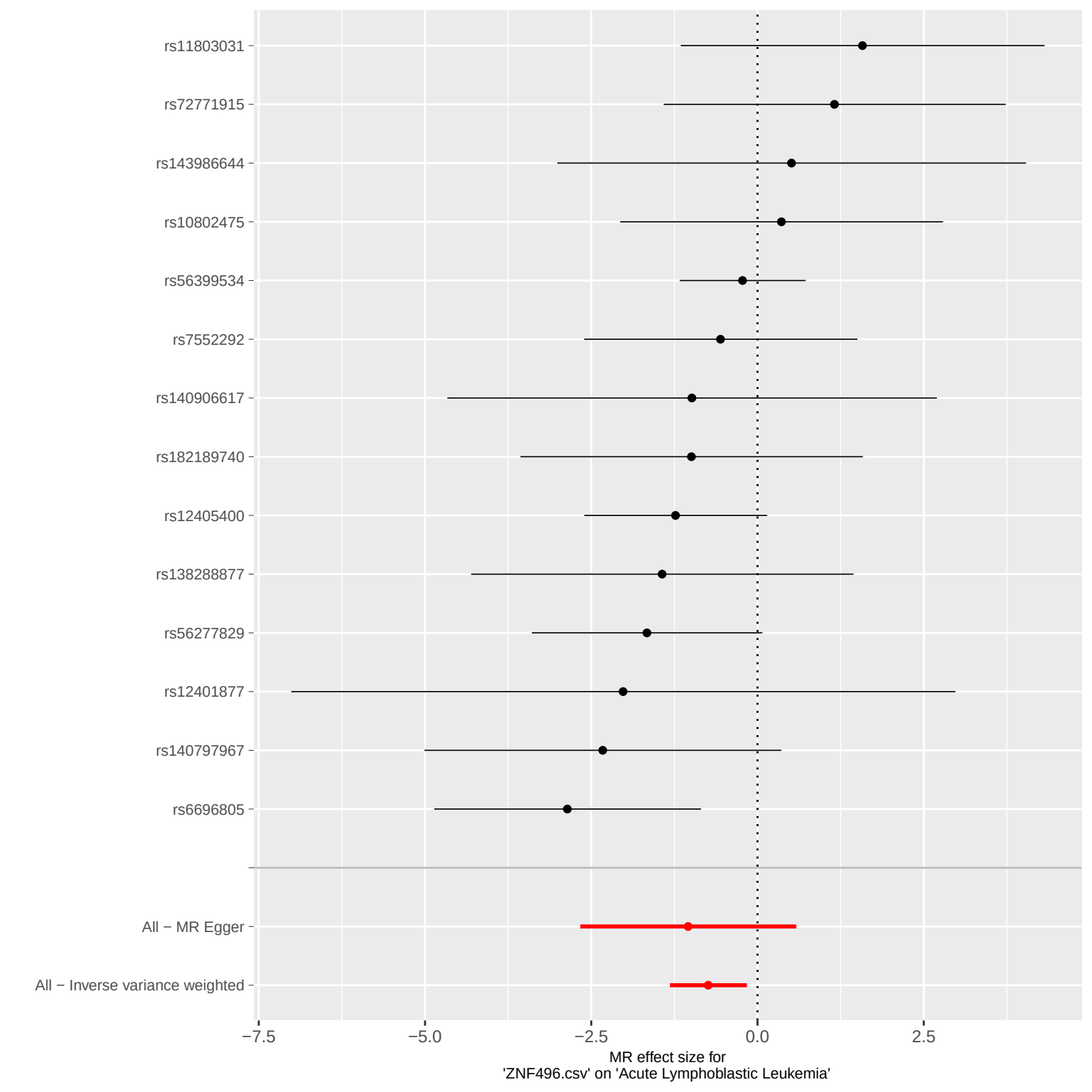
rs8109745
rs34507847
rs960996
rs11881987
rs2215410
rs11881919
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF471.csv' on 'Acute Lymphoblastic Leukemia'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rs12405400
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rs56277829
rs12401877
rs140797967
rs6696805
All − MR Egger
All − Inverse variance weighted
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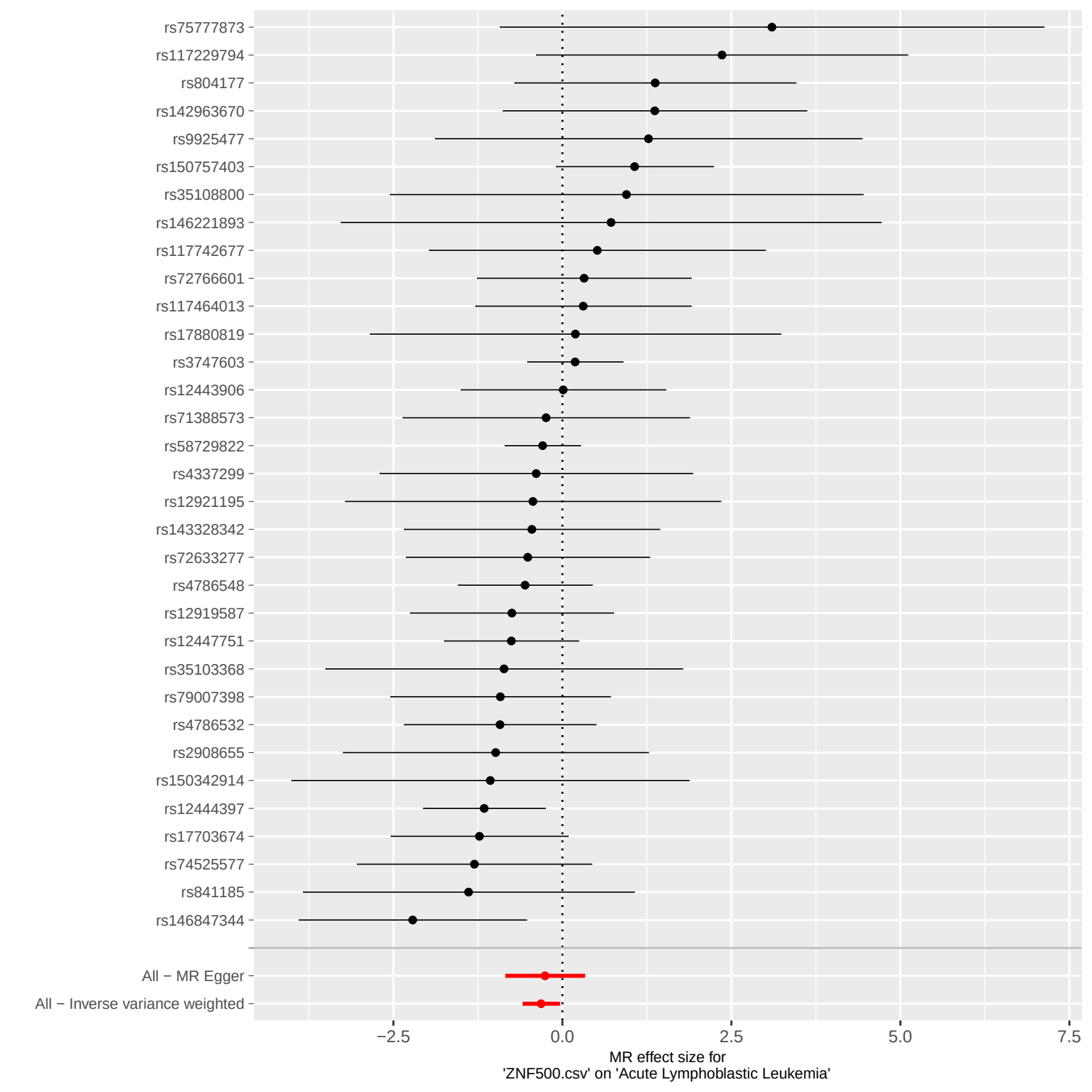
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF496.csv' on 'Acute Lymphoblastic Leukemia'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rs79007398
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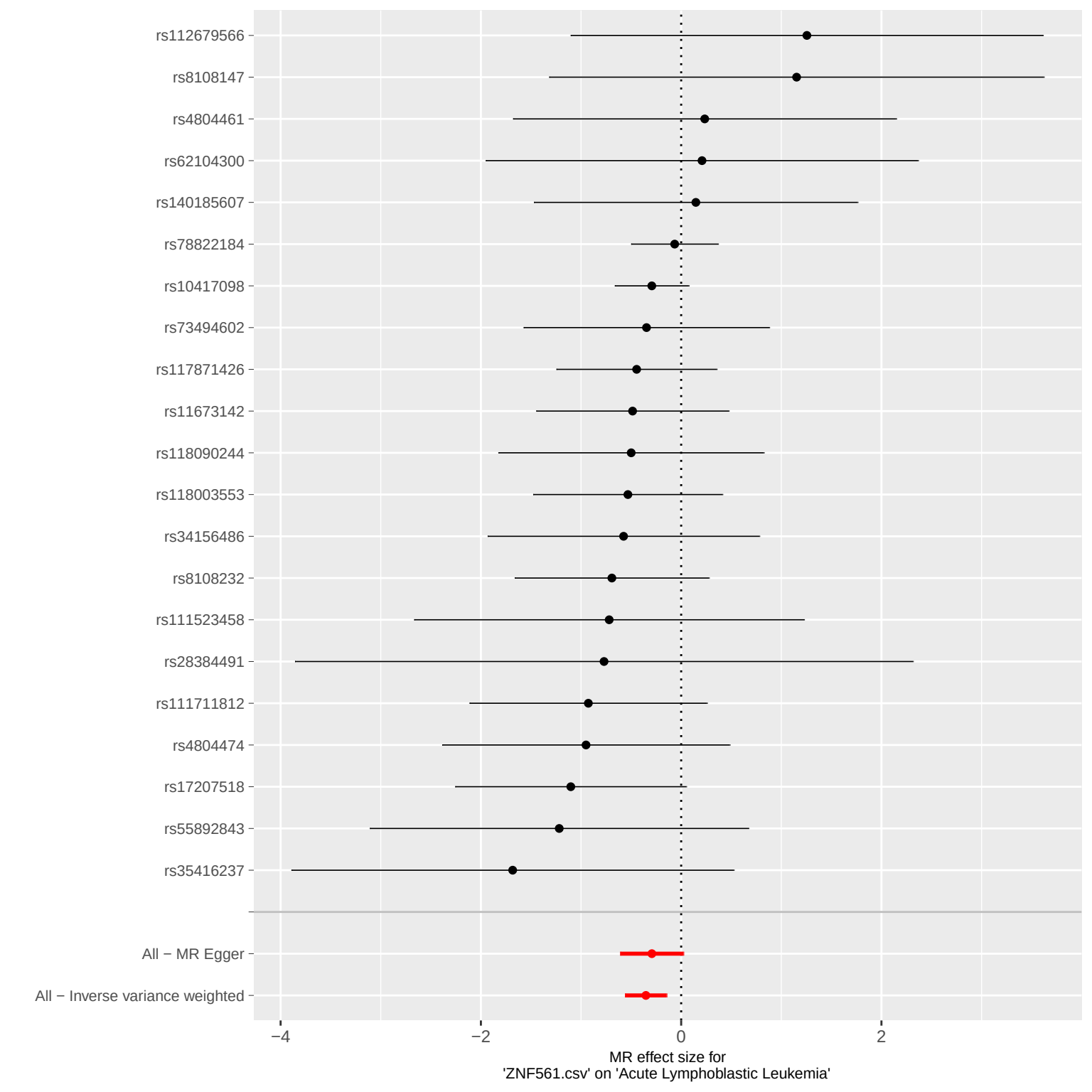
rs2908655
rs150342914
rs12444397
rs17703674
rs74525577
rs841185
rs146847344
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'ZNF500.csv' on 'Acute Lymphoblastic Leukemia'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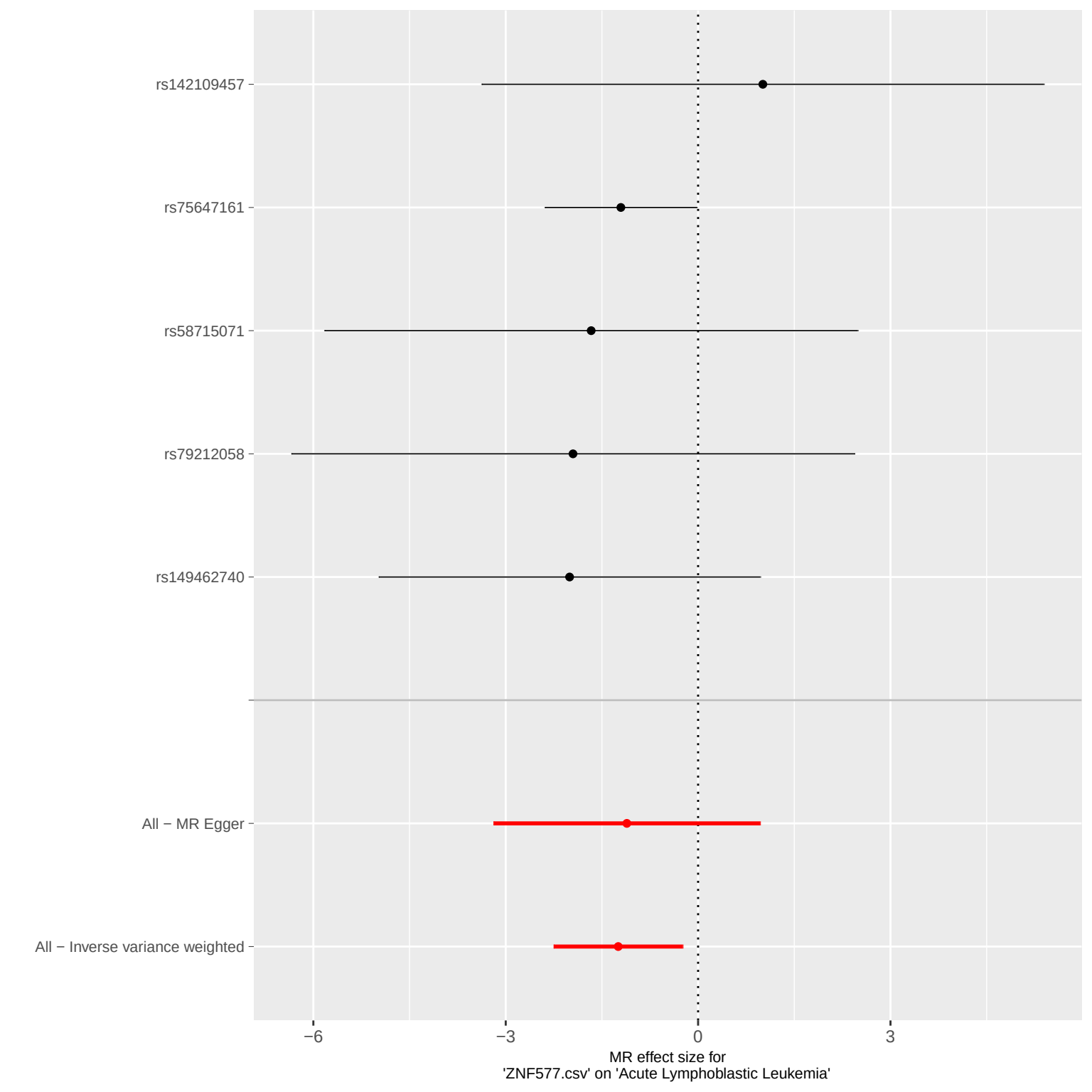
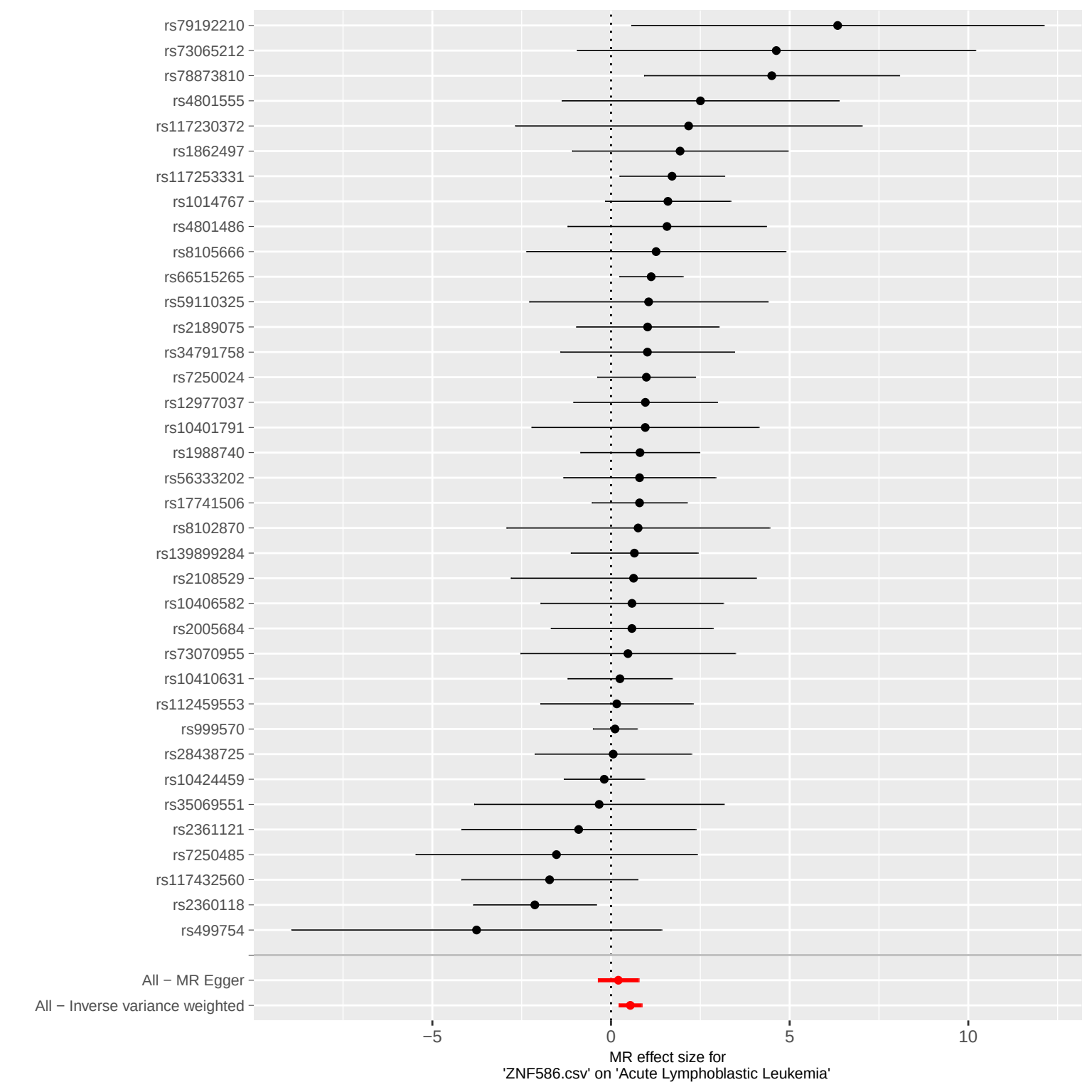
rs34156486
rs8108232
rs111523458
rs28384491
rs111711812
rs4804474
rs17207518
rs55892843
rs35416237
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF561.csv' on 'Acute Lymphoblastic Leukemia'


rs142109457
rs75647161
rs58715071
rs79212058
rs149462740
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZNF577.csv' on 'Acute Lymphoblastic Leukemia'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rs66515265
rs59110325
rs2189075
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rs7250024
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rs28438725
rs10424459
rs35069551
rs2361121
rs7250485
rs117432560
rs2360118
rs499754
All − MR Egger
All − Inverse variance weighted
−5
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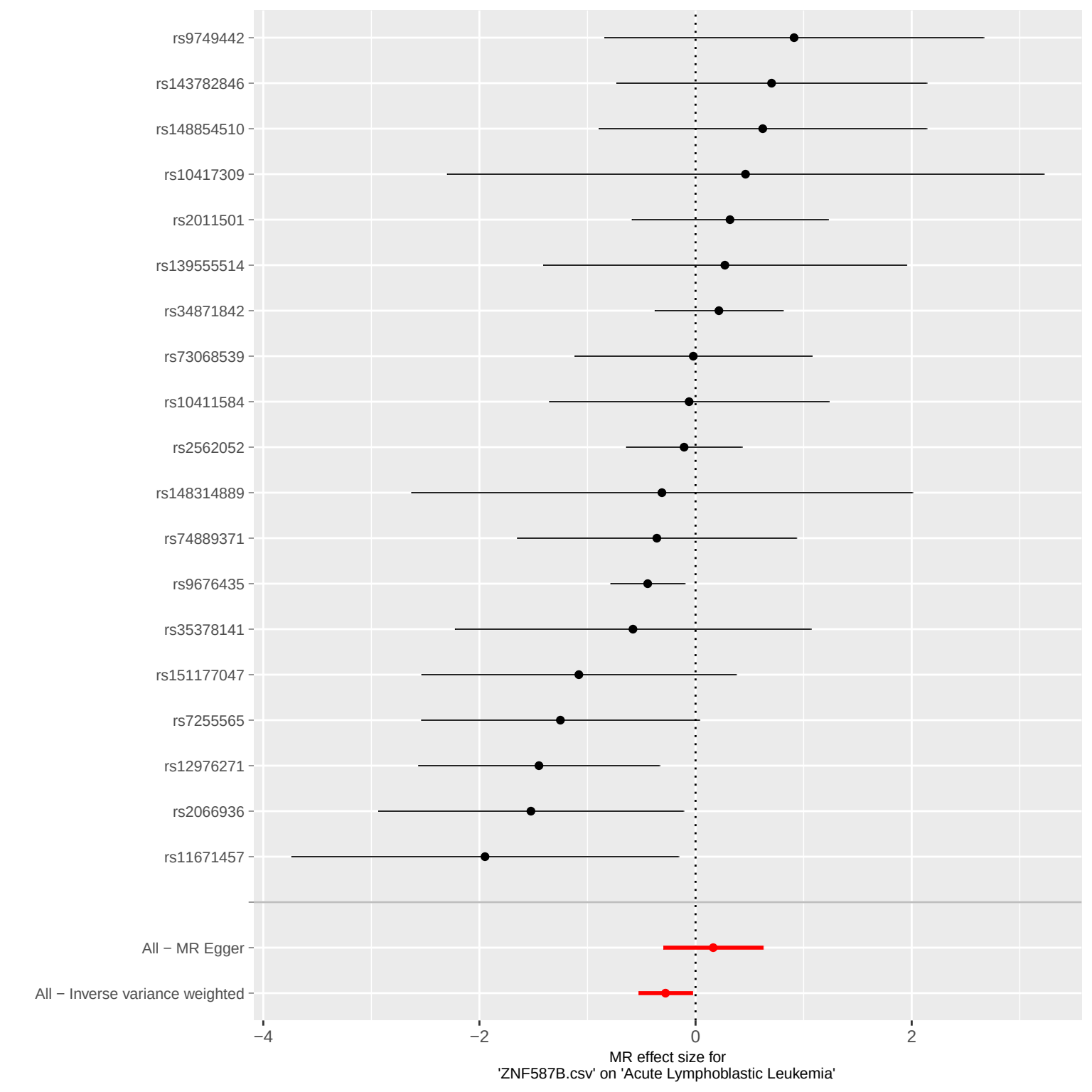
10
MR effect size for
'ZNF586.csv' on 'Acute Lymphoblastic Leukemia'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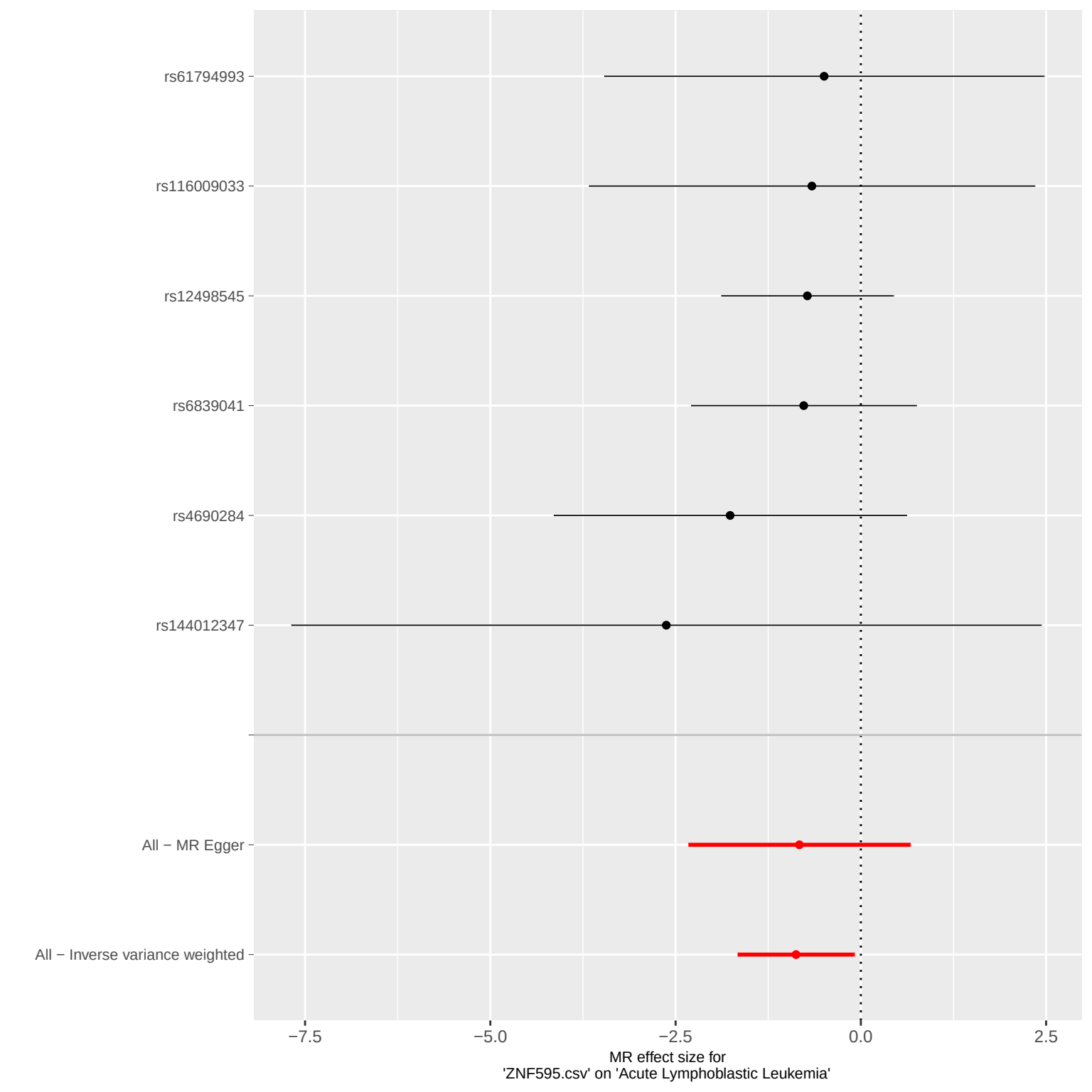
rs74889371
rs9676435
rs35378141
rs151177047
rs7255565
rs12976271
rs2066936
rs11671457
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF587B.csv' on 'Acute Lymphoblastic Leukemia'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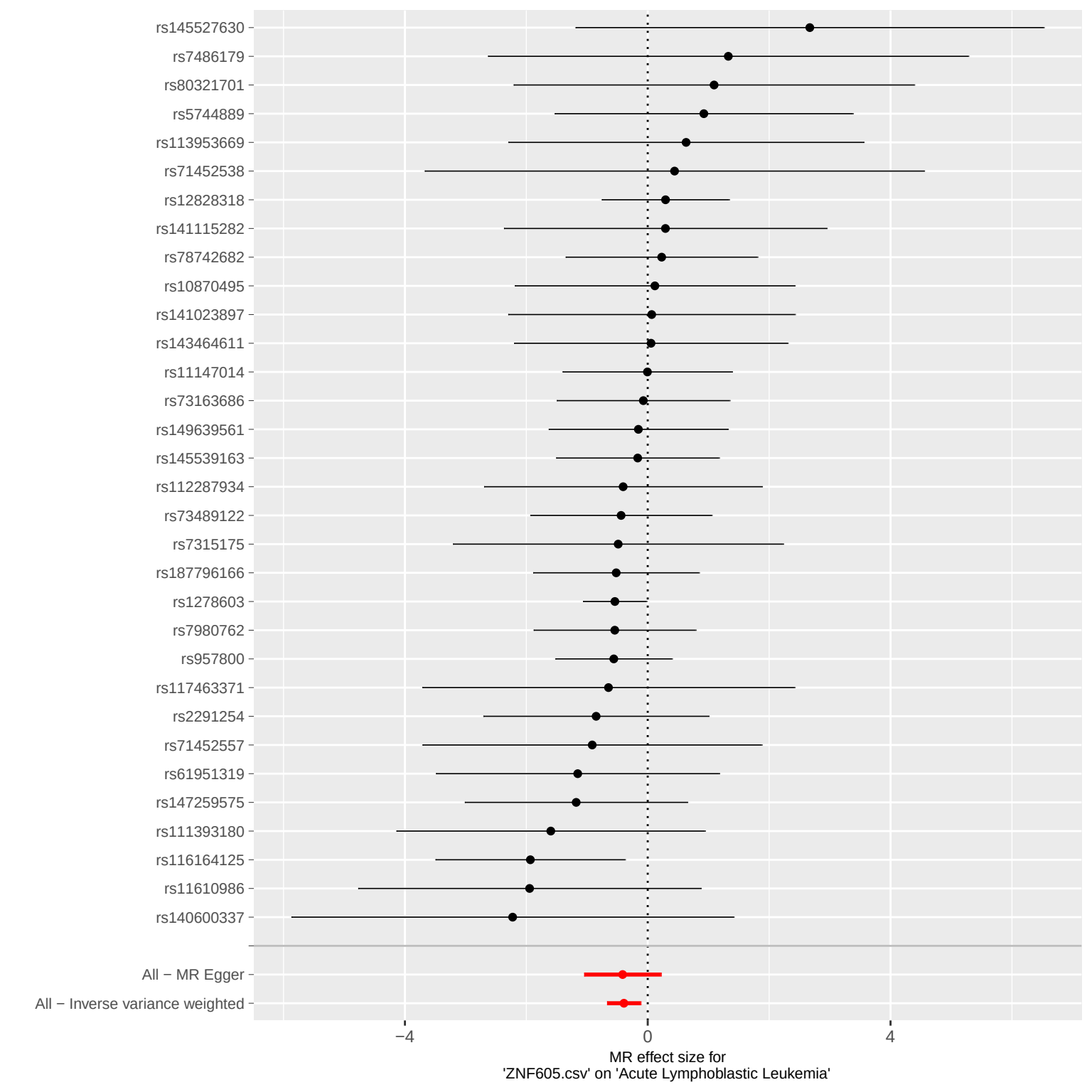
rs116009033
rs12498545
rs6839041
rs4690284
rs144012347
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF595.csv' on 'Acute Lymphoblastic Leukemia'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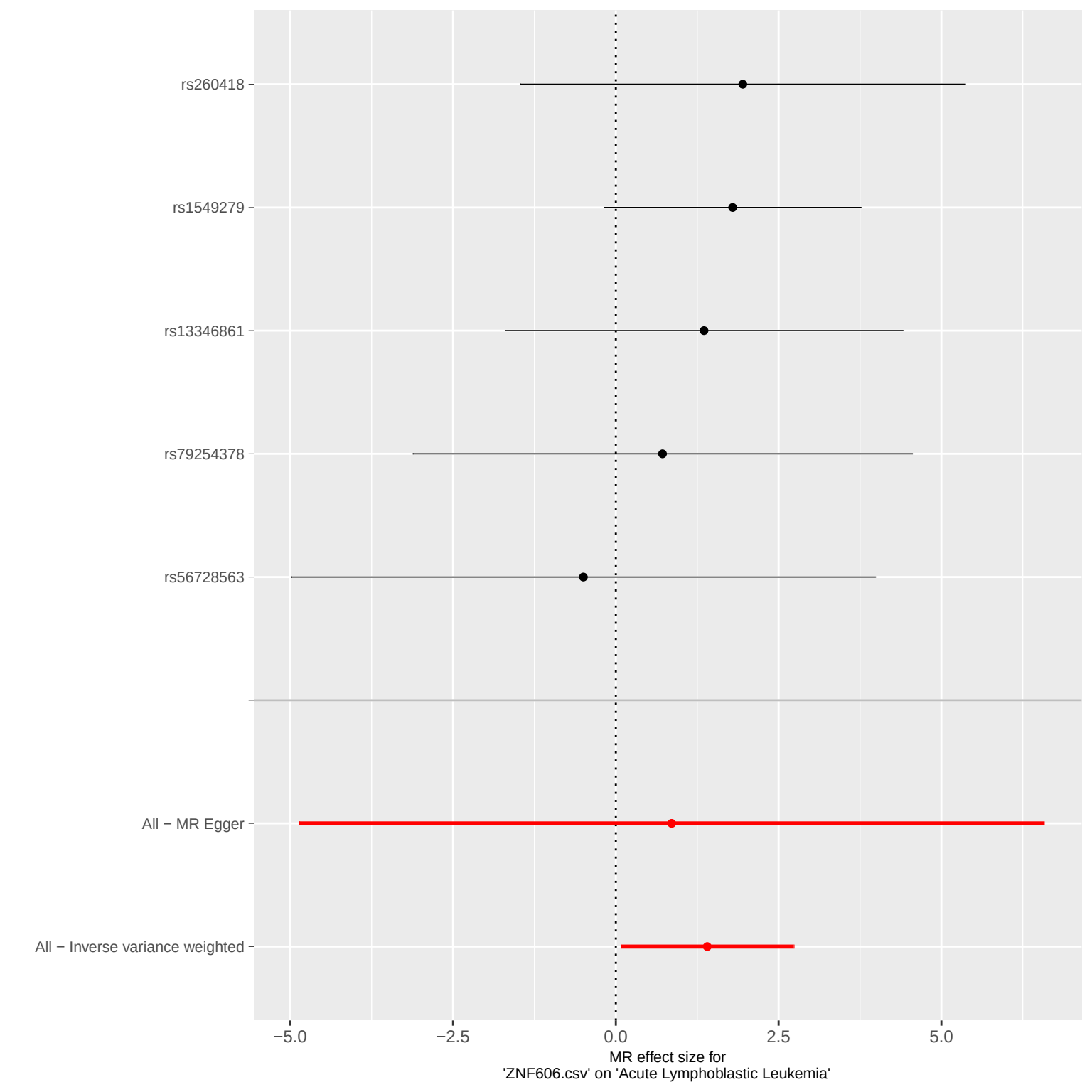
rs143464611
rs11147014
rs73163686
rs149639561
rs145539163
rs112287934
rs73489122
rs7315175
rs187796166
rs1278603
rs7980762
rs957800
rs117463371
rs2291254
rs71452557
rs61951319
rs147259575
rs111393180
rs116164125
rs11610986
rs140600337
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF605.csv' on 'Acute Lymphoblastic Leukemia'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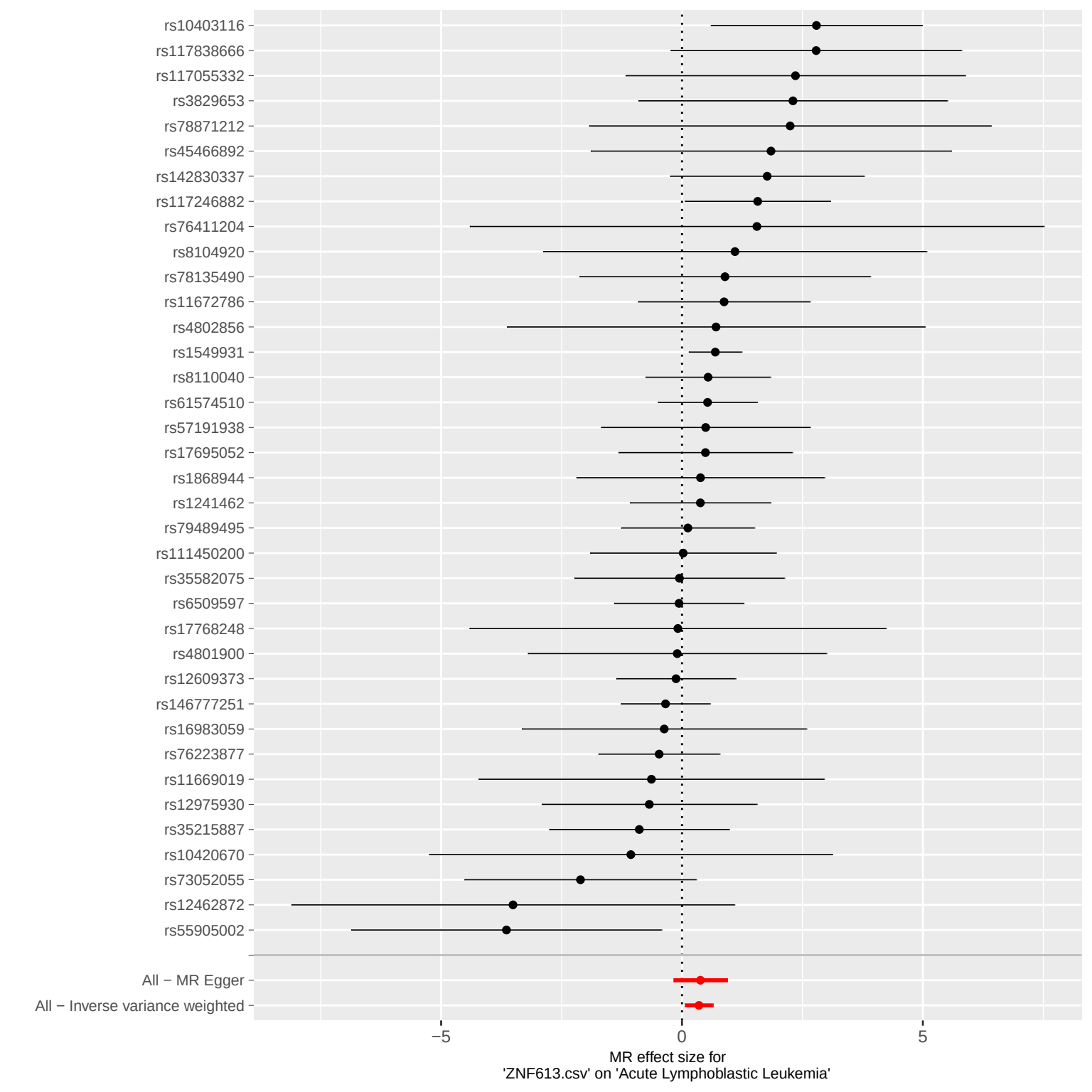
rs1549279
rs13346861
rs79254378
rs56728563
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF606.csv' on 'Acute Lymphoblastic Leukemia'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rs1549931
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rs61574510
rs57191938
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rs1241462
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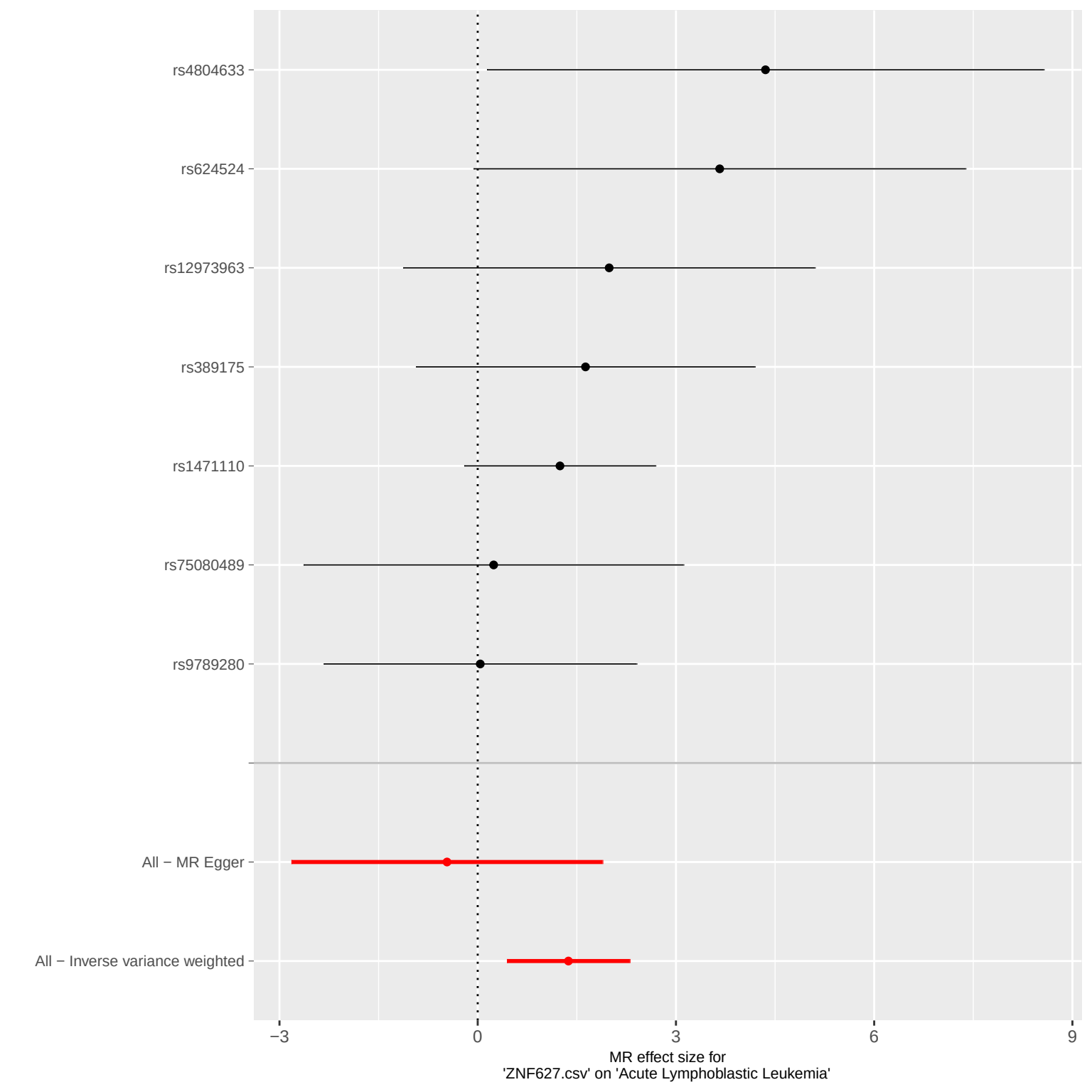
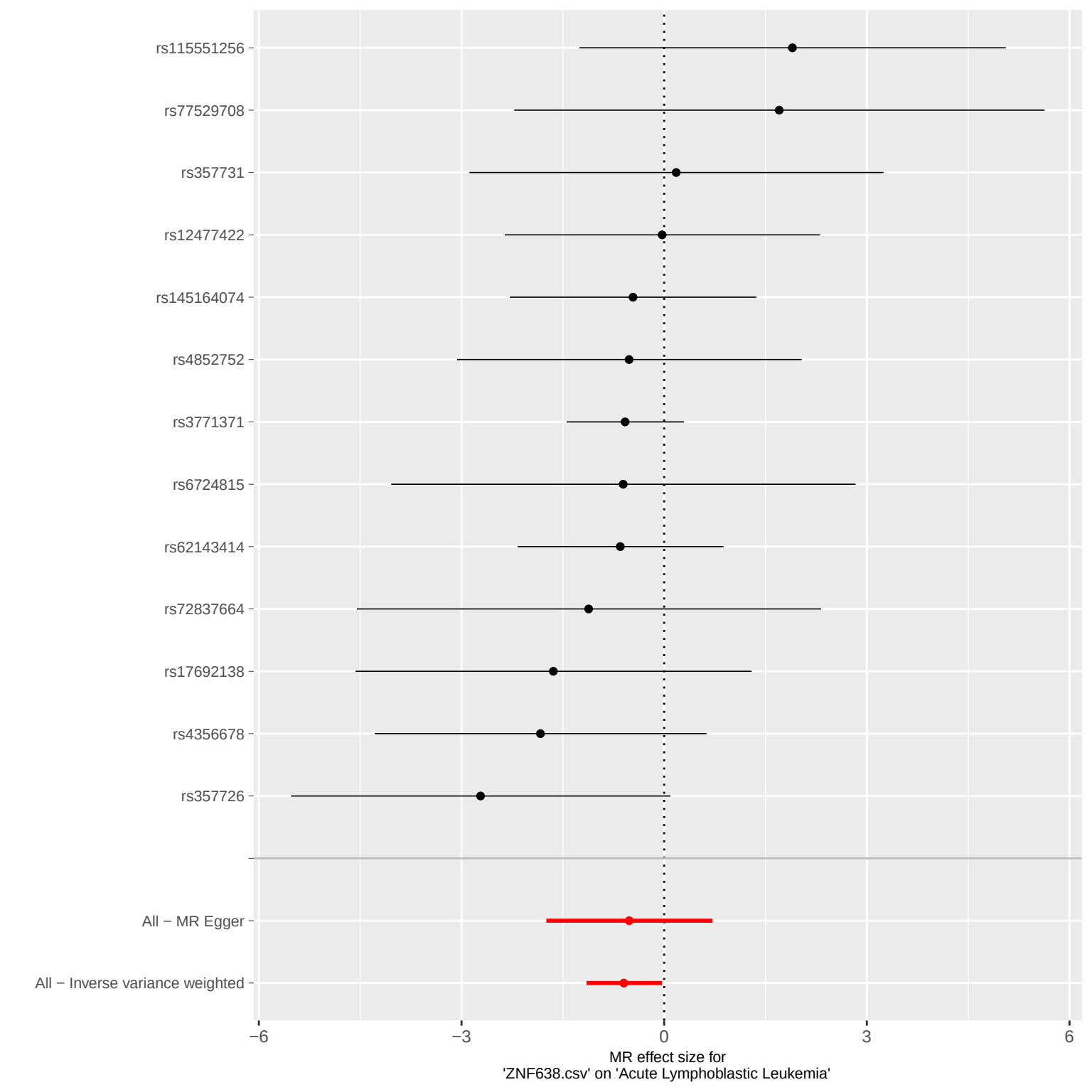
rs35582075
rs6509597
rs17768248
rs4801900
rs12609373
rs146777251
rs16983059
rs76223877
rs11669019
rs12975930
rs35215887
rs10420670
rs73052055
rs12462872
rs55905002
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF613.csv' on 'Acute Lymphoblastic Leukemia'


rs4804633
rs624524
rs12973963
rs389175
rs1471110
rs75080489
rs9789280
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
9
MR effect size for
'ZNF627.csv' on 'Acute Lymphoblastic Leukemia'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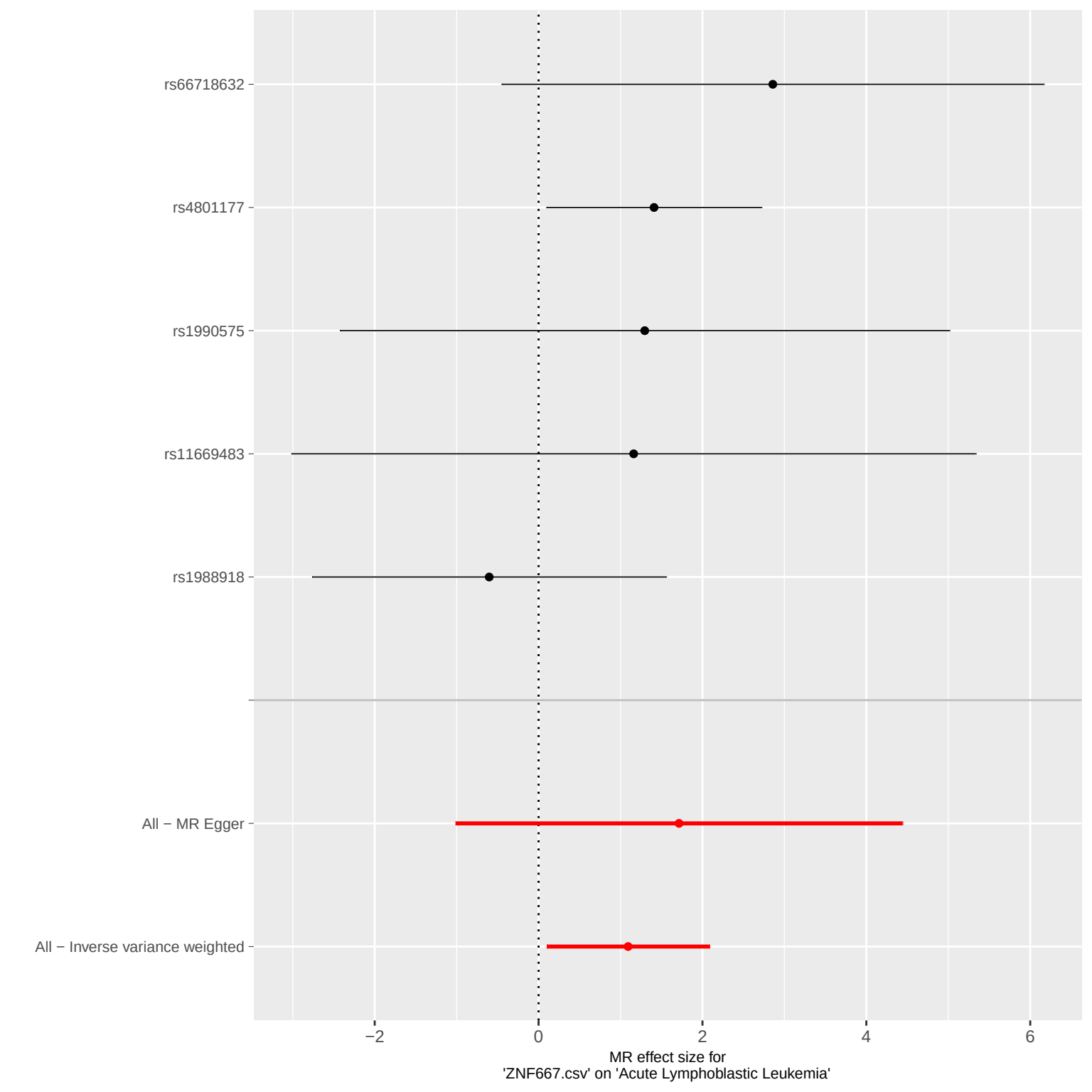
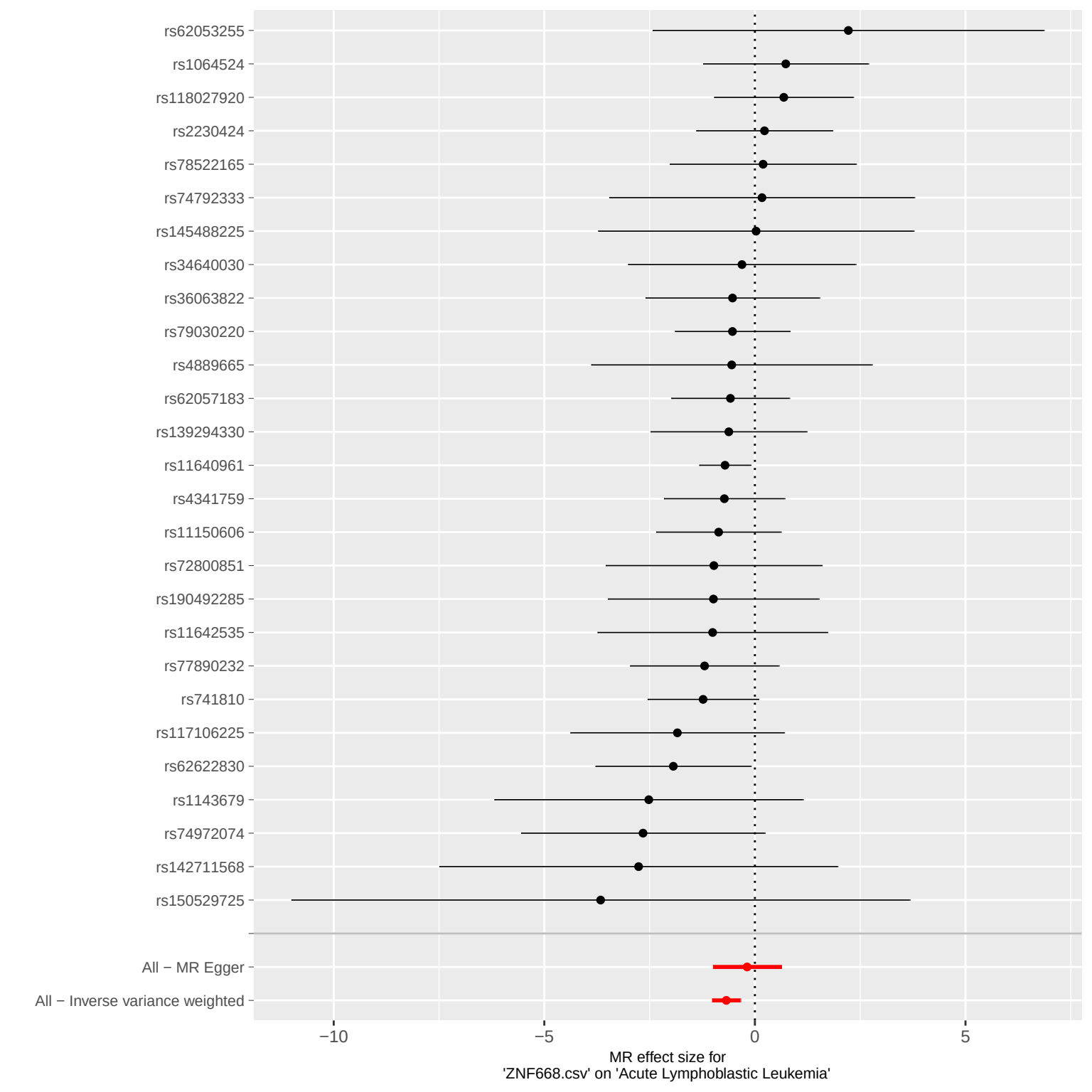
rs62143414
rs72837664
rs17692138
rs4356678
rs357726
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ZNF638.csv' on 'Acute Lymphoblastic Leukemia'


rs66718632
rs4801177
rs1990575
rs11669483
rs1988918
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'ZNF667.csv' on 'Acute Lymphoblastic Leukemia'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rs78522165
rs74792333
rs145488225
rs34640030
rs36063822
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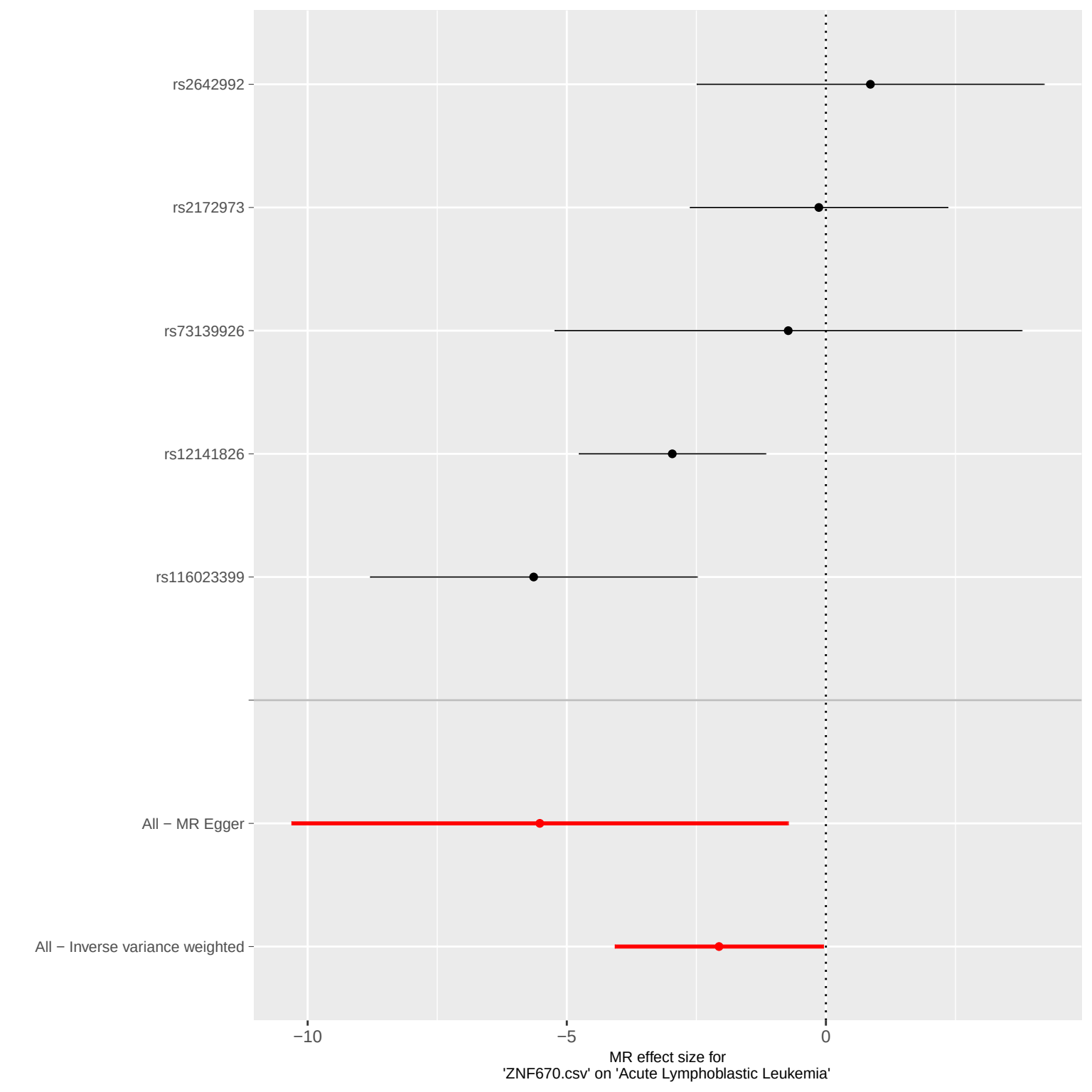
rs4889665
rs62057183
rs139294330
rs11640961
rs4341759
rs11150606
rs72800851
rs190492285
rs11642535
rs77890232
rs741810
rs117106225
rs62622830
rs1143679
rs74972074
rs142711568
rs150529725
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZNF668.csv' on 'Acute Lymphoblastic Leukemia'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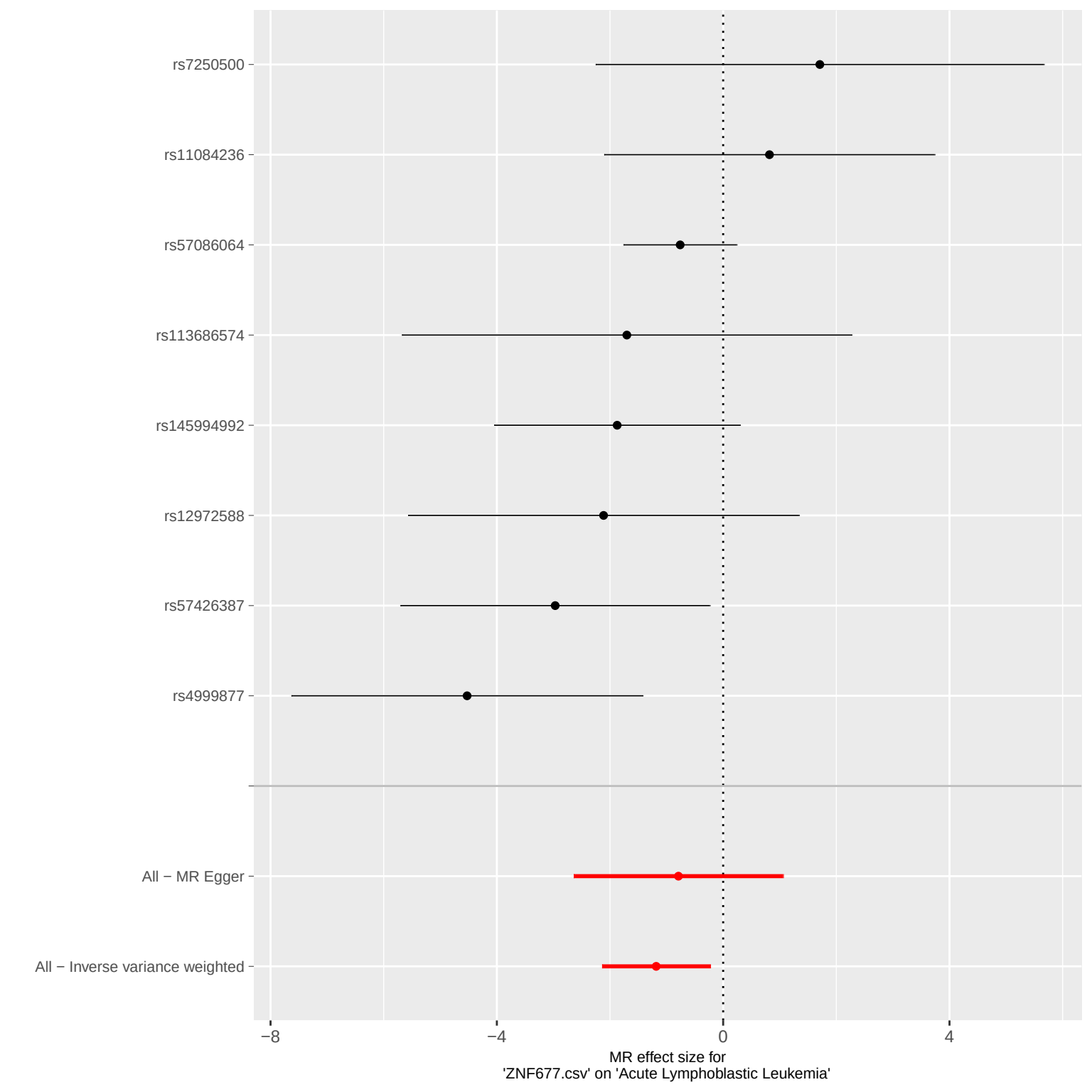
rs2172973
rs73139926
rs12141826
rs116023399
All − MR Egger
All − Inverse variance weighted
−10
−5
0
MR effect size for
'ZNF670.csv' on 'Acute Lymphoblastic Leukemia'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rs11084236
rs57086064
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rs145994992
rs12972588
rs57426387
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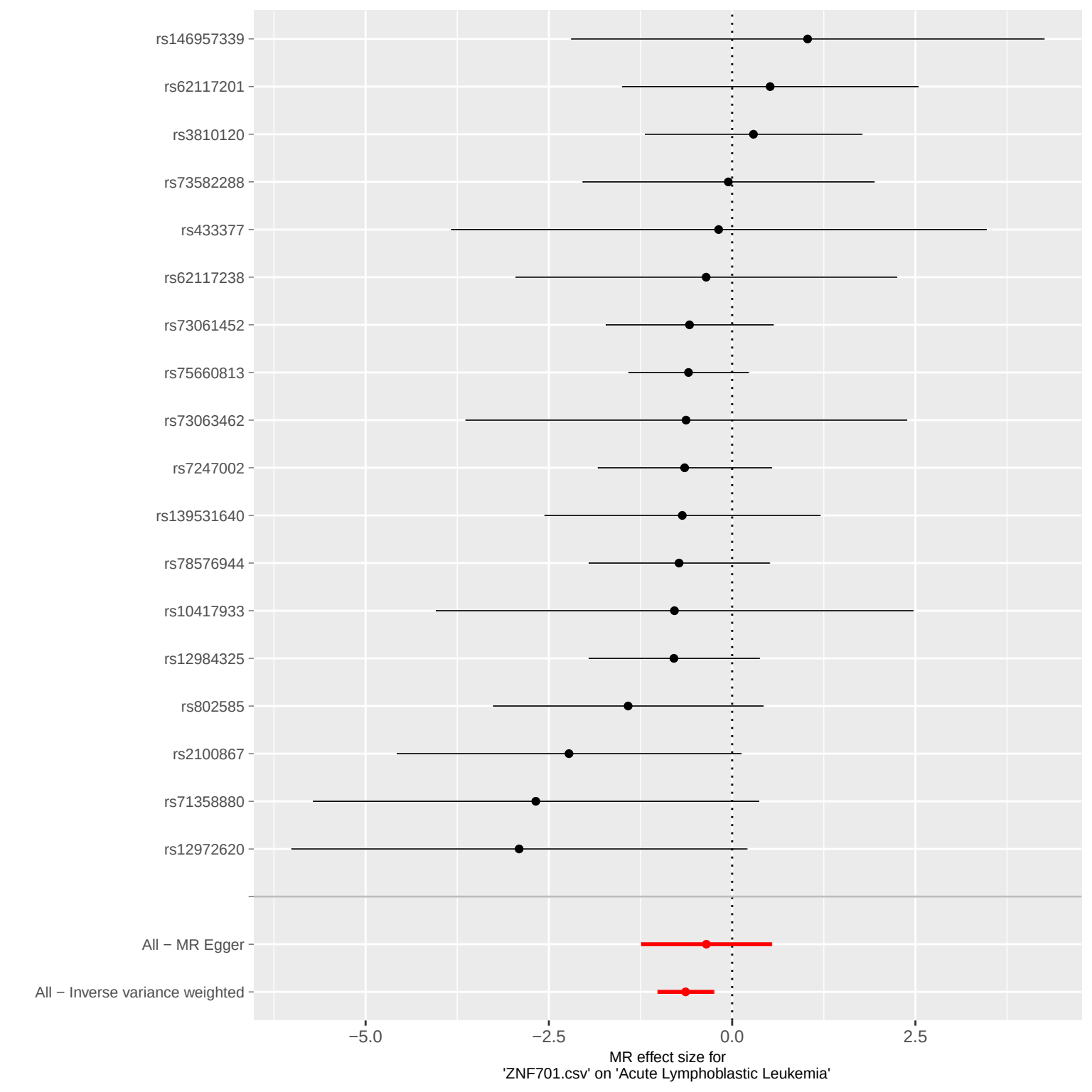
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ZNF677.csv' on 'Acute Lymphoblastic Leukemia'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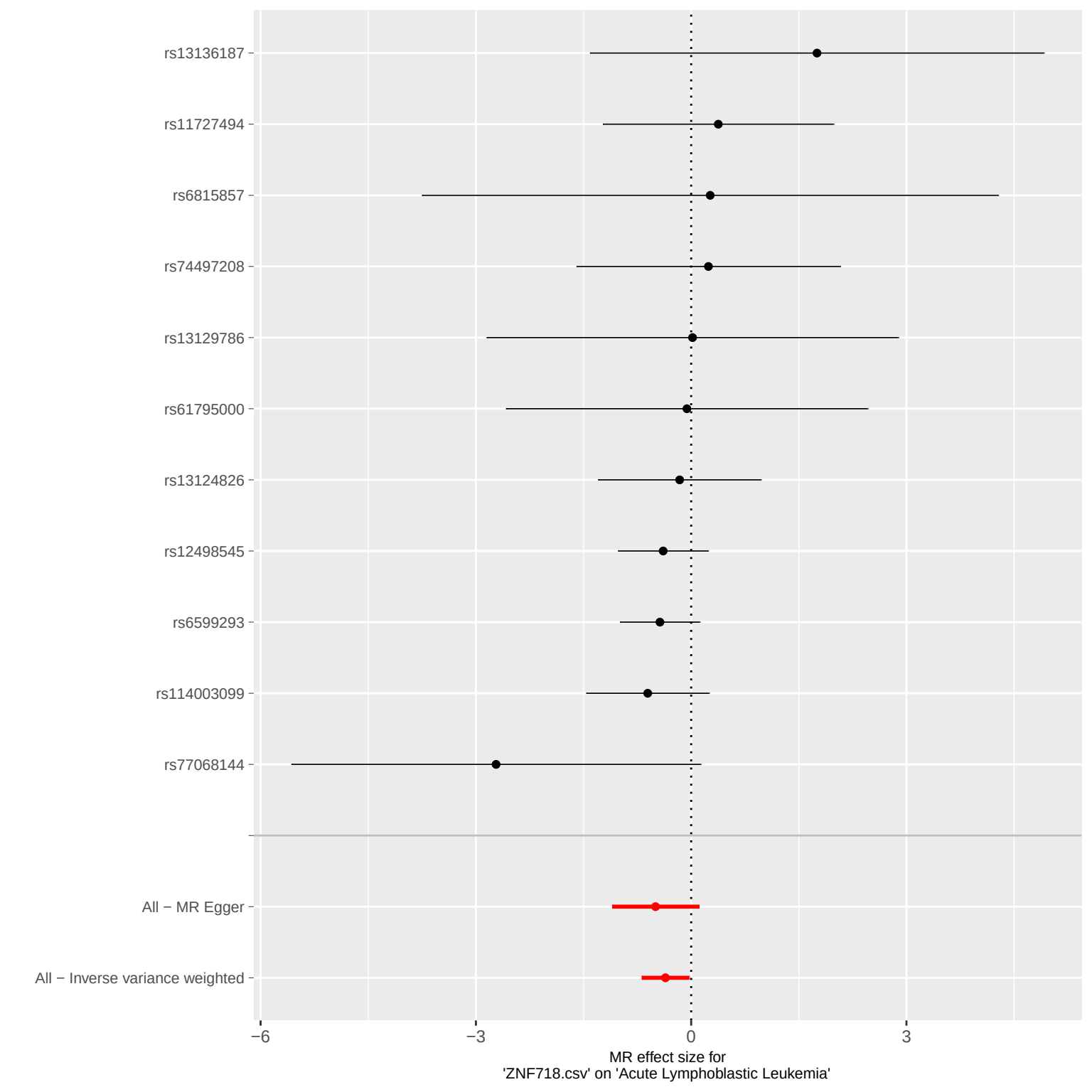
rs12984325
rs802585
rs2100867
rs71358880
rs12972620
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF701.csv' on 'Acute Lymphoblastic Leukemia'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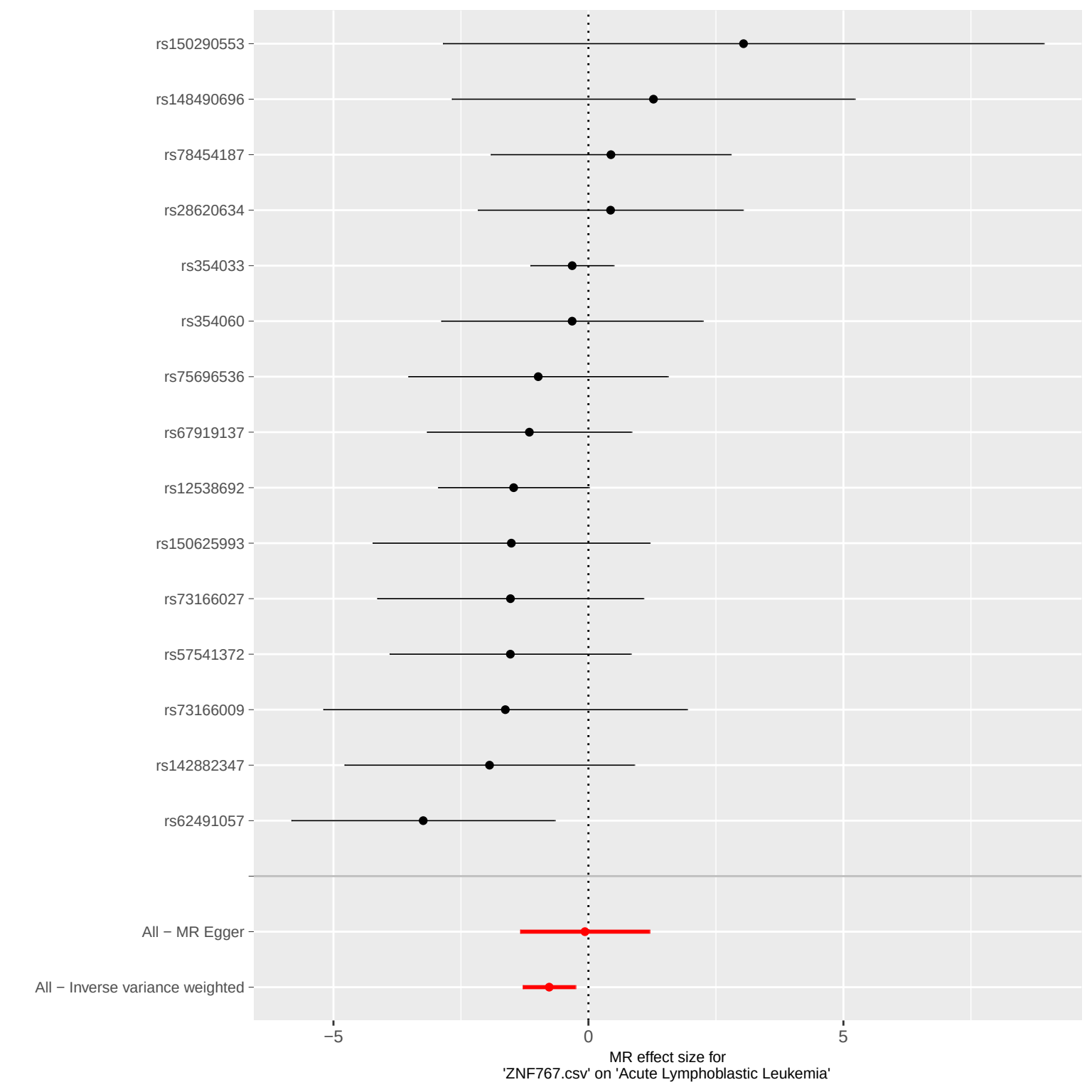
rs11727494
rs6815857
rs74497208
rs13129786
rs61795000
rs13124826
rs12498545
rs6599293
rs114003099
rs77068144
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZNF718.csv' on 'Acute Lymphoblastic Leukemia'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rs67919137
rs12538692
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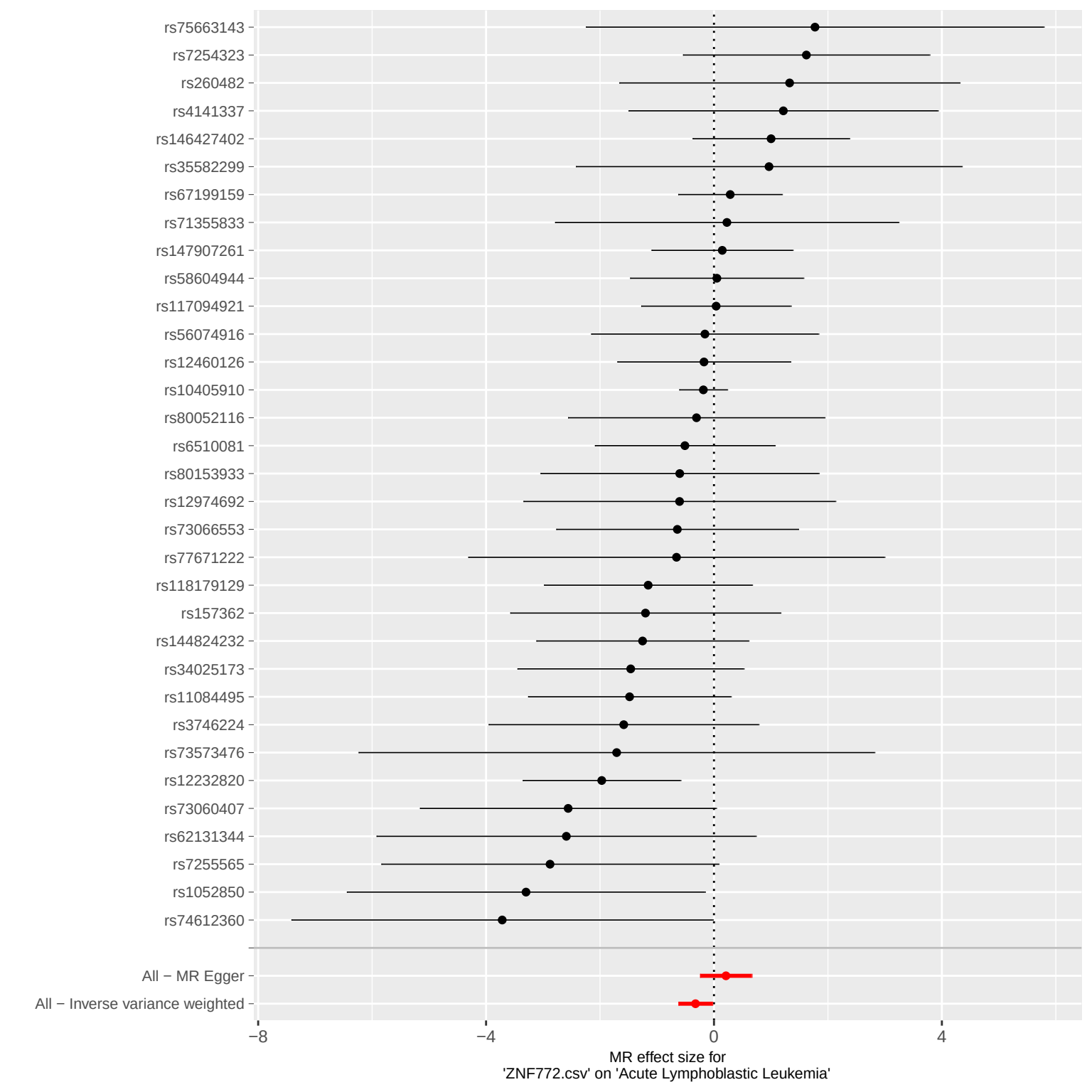
rs73166027
rs57541372
rs73166009
rs142882347
rs62491057
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF767.csv' on 'Acute Lymphoblastic Leukemia'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rs118179129
rs157362
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rs12232820
rs73060407
rs62131344
rs7255565
rs1052850
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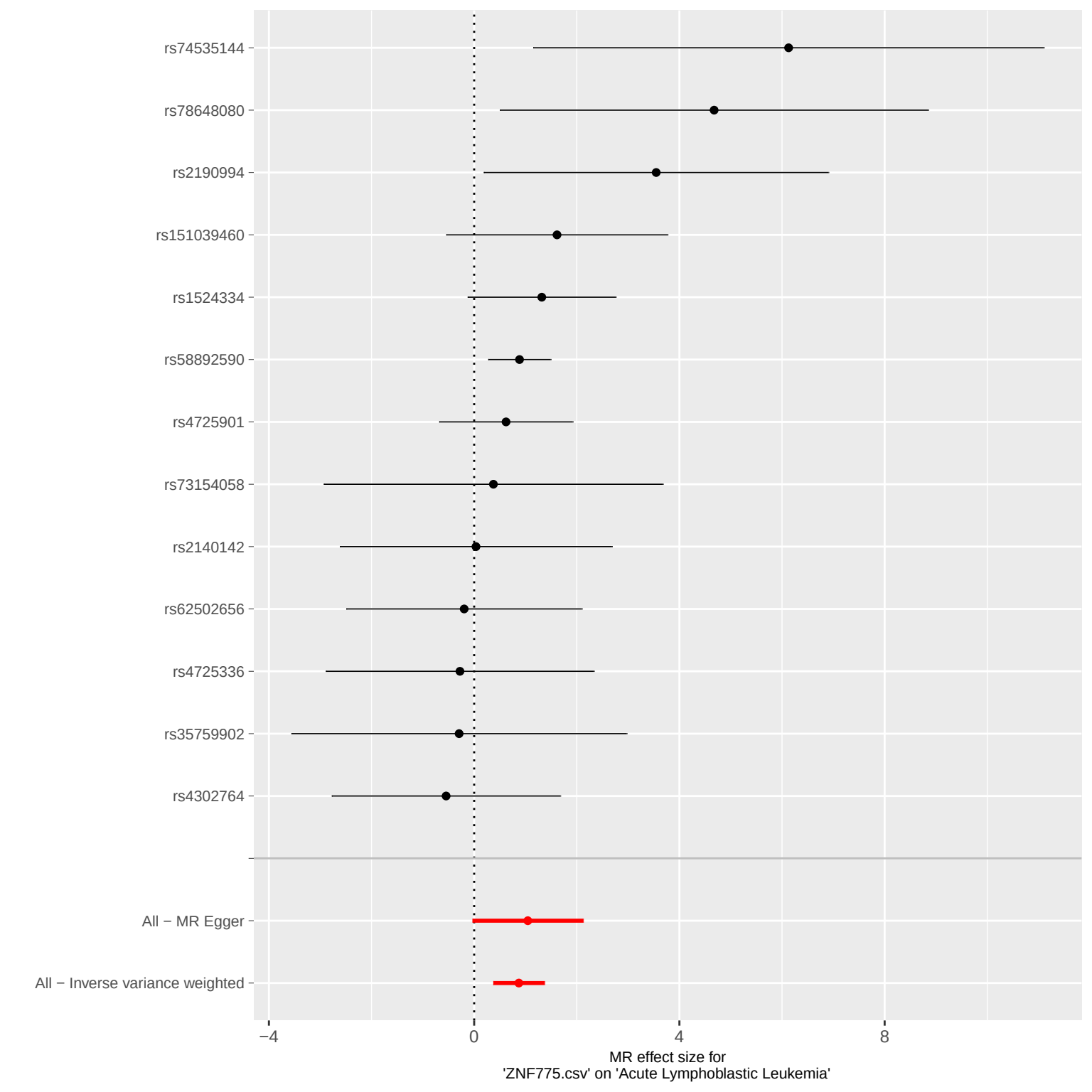
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ZNF772.csv' on 'Acute Lymphoblastic Leukemia'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rs2140142
rs62502656
rs4725336
rs35759902
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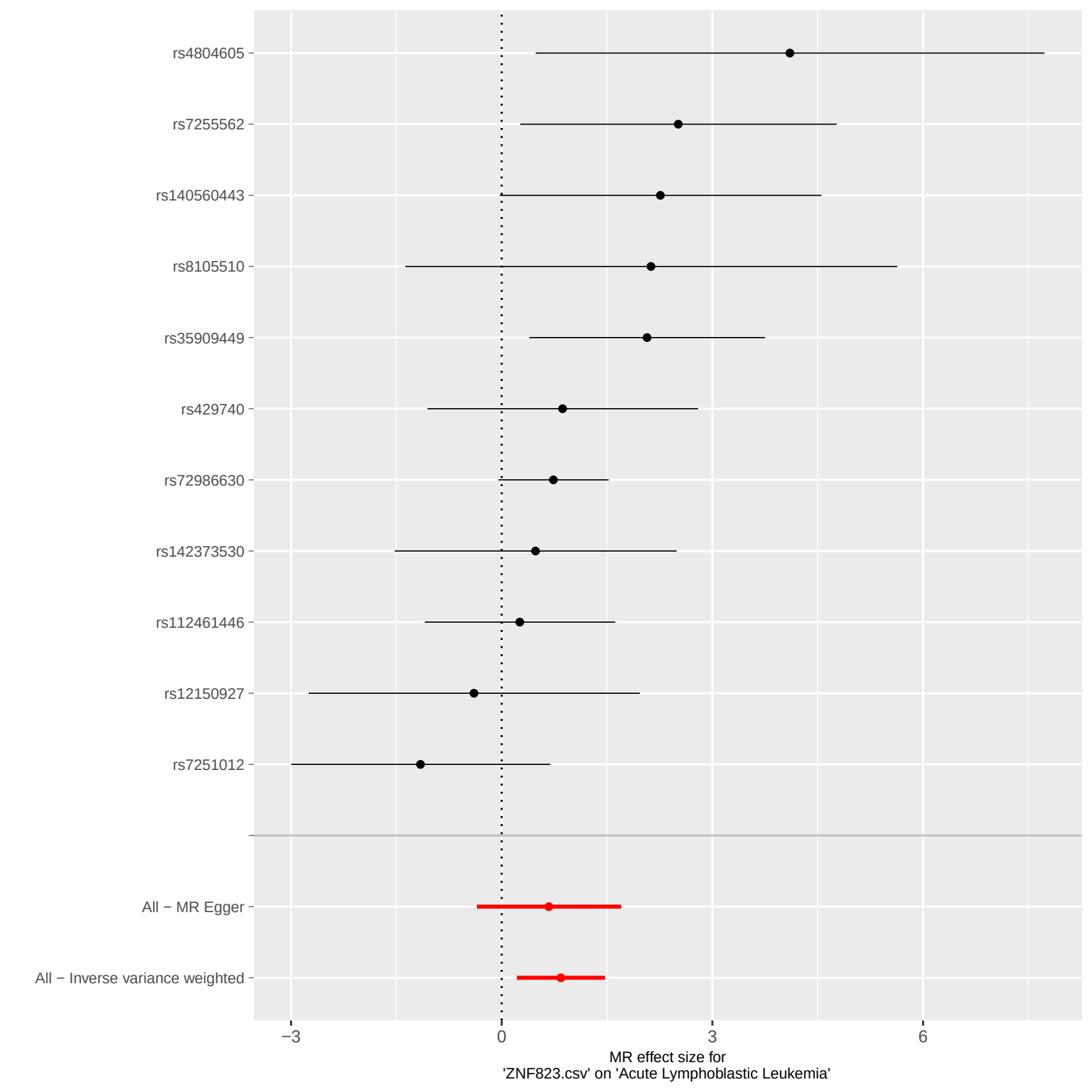
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ZNF775.csv' on 'Acute Lymphoblastic Leukemia'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rs142373530
rs112461446
rs12150927
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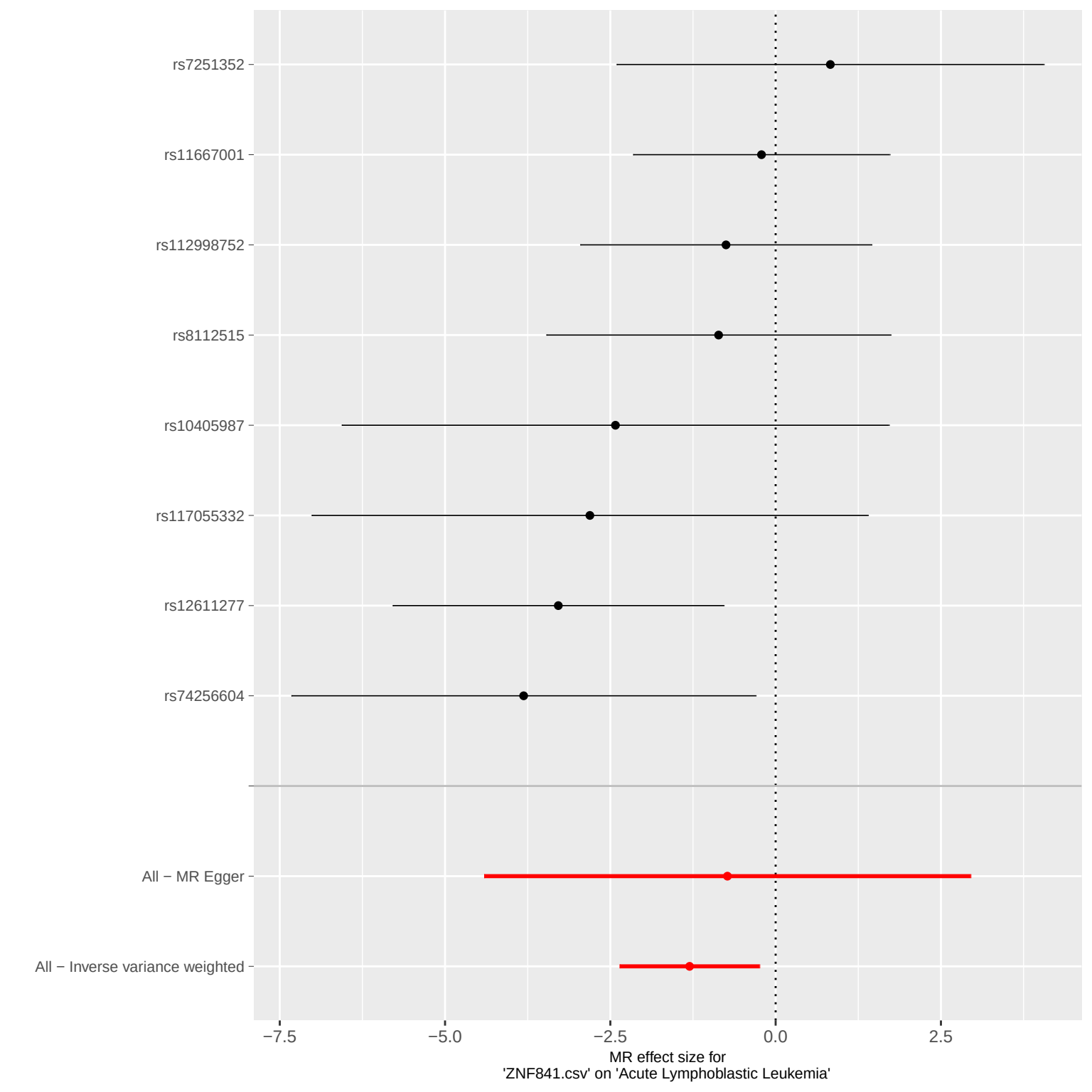
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'ZNF823.csv' on 'Acute Lymphoblastic Leukemia'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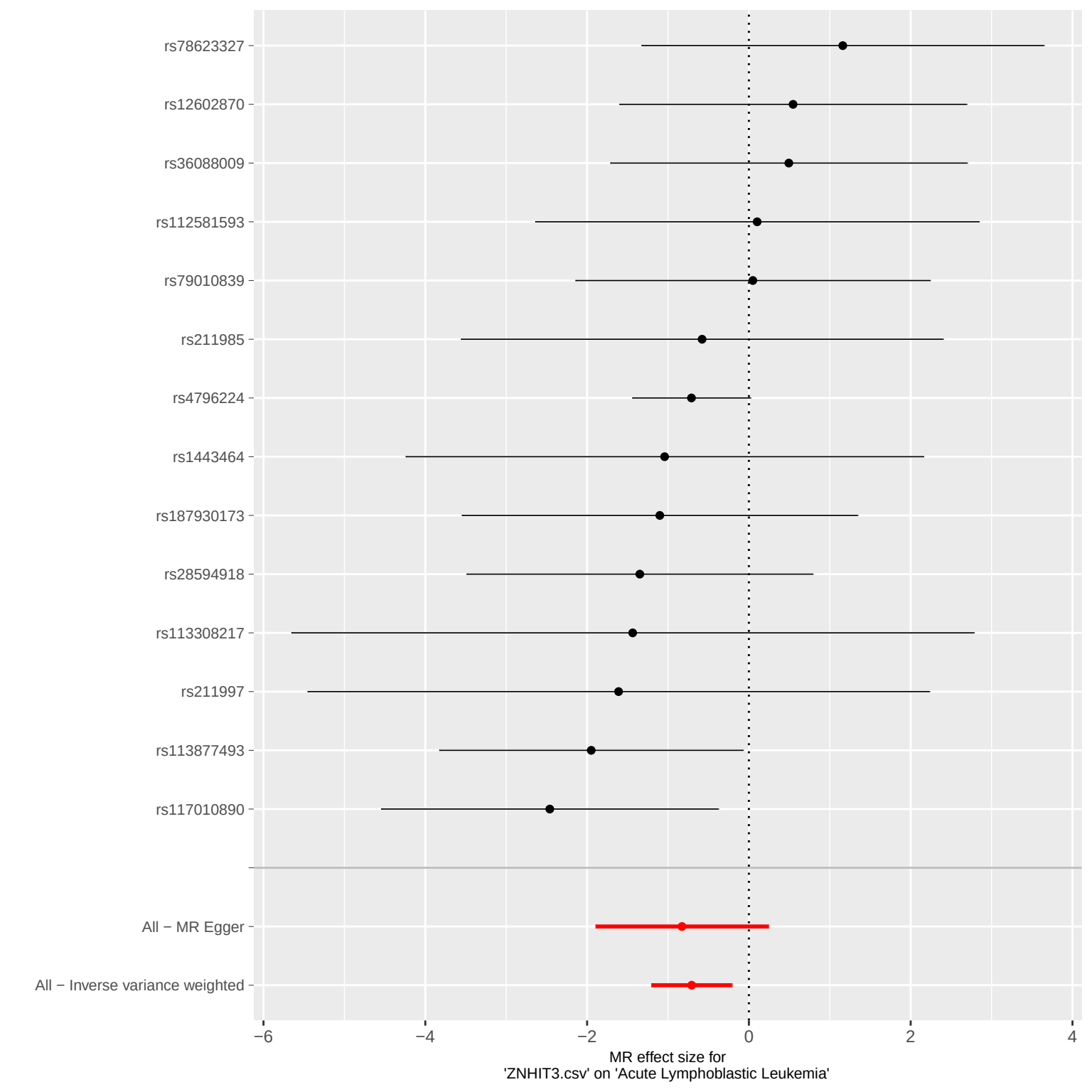
rs12611277
rs74256604
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF841.csv' on 'Acute Lymphoblastic Leukemia'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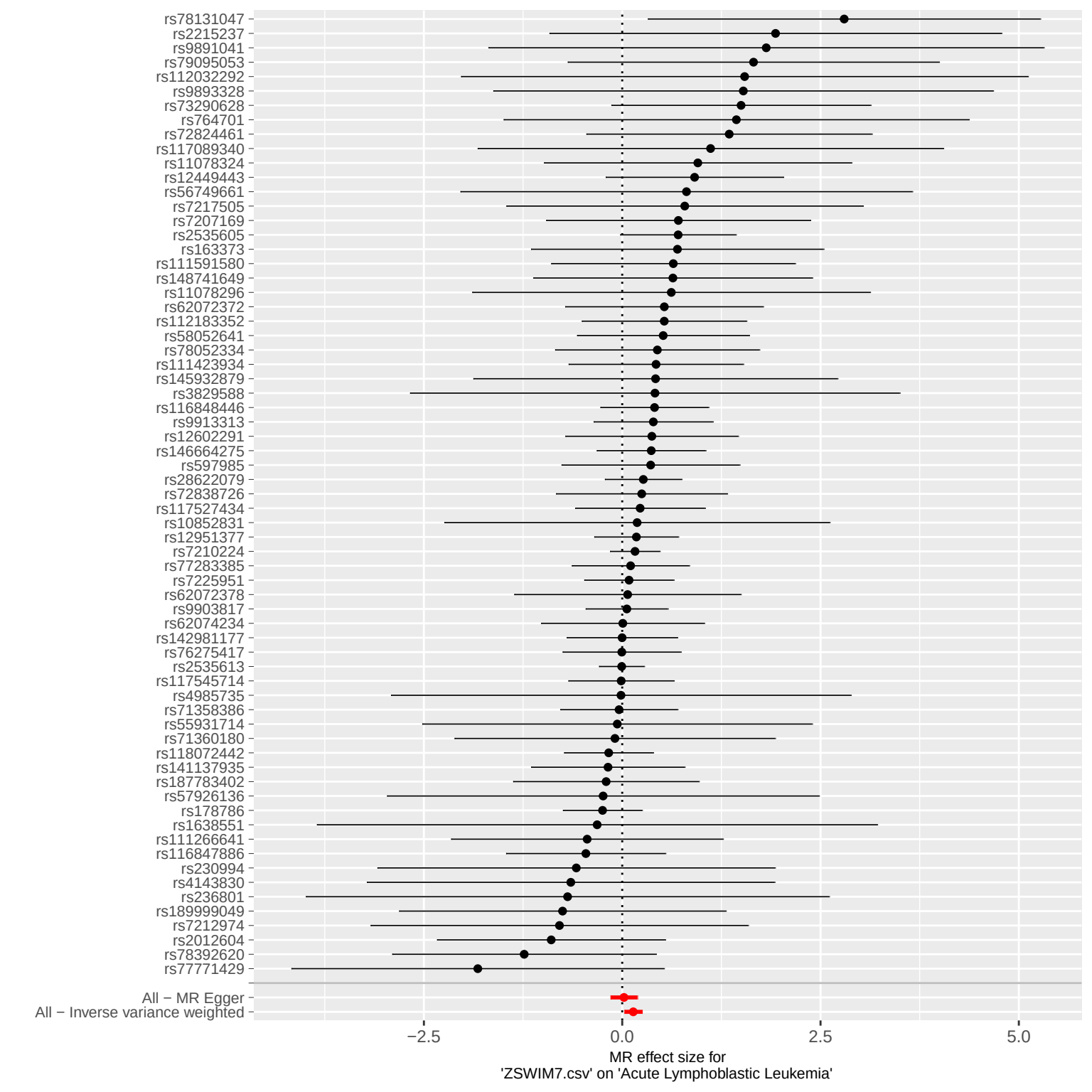
rs113308217
rs211997
rs113877493
rs117010890
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'ZNHIT3.csv' on 'Acute Lymphoblastic Leukemia'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rs111266641
rs116847886
rs230994
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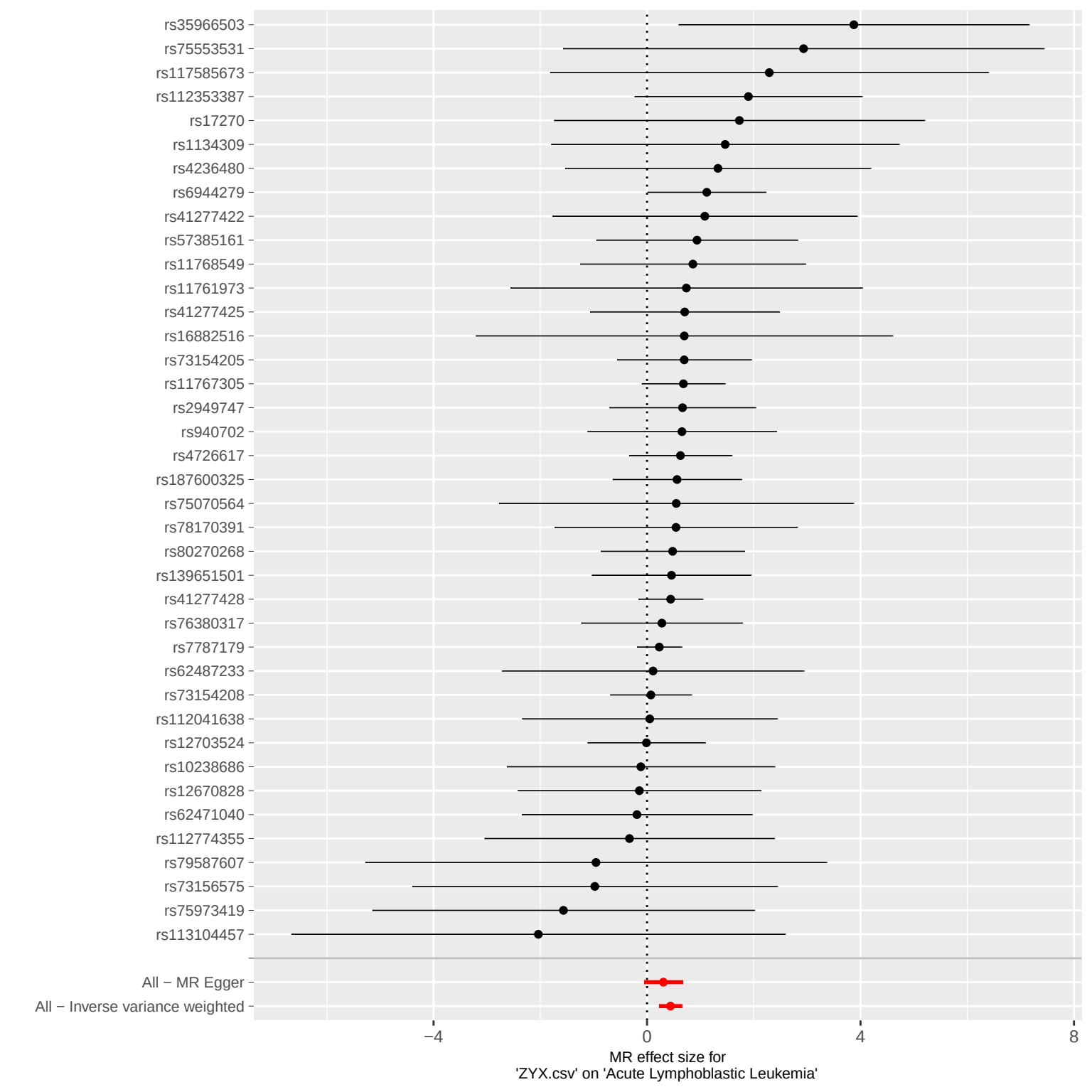
rs236801
rs189999049
rs7212974
rs2012604
rs78392620
rs77771429
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ZSWIM7.csv' on 'Acute Lymphoblastic Leukemia'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rs62471040
rs112774355
rs79587607
rs73156575
rs75973419
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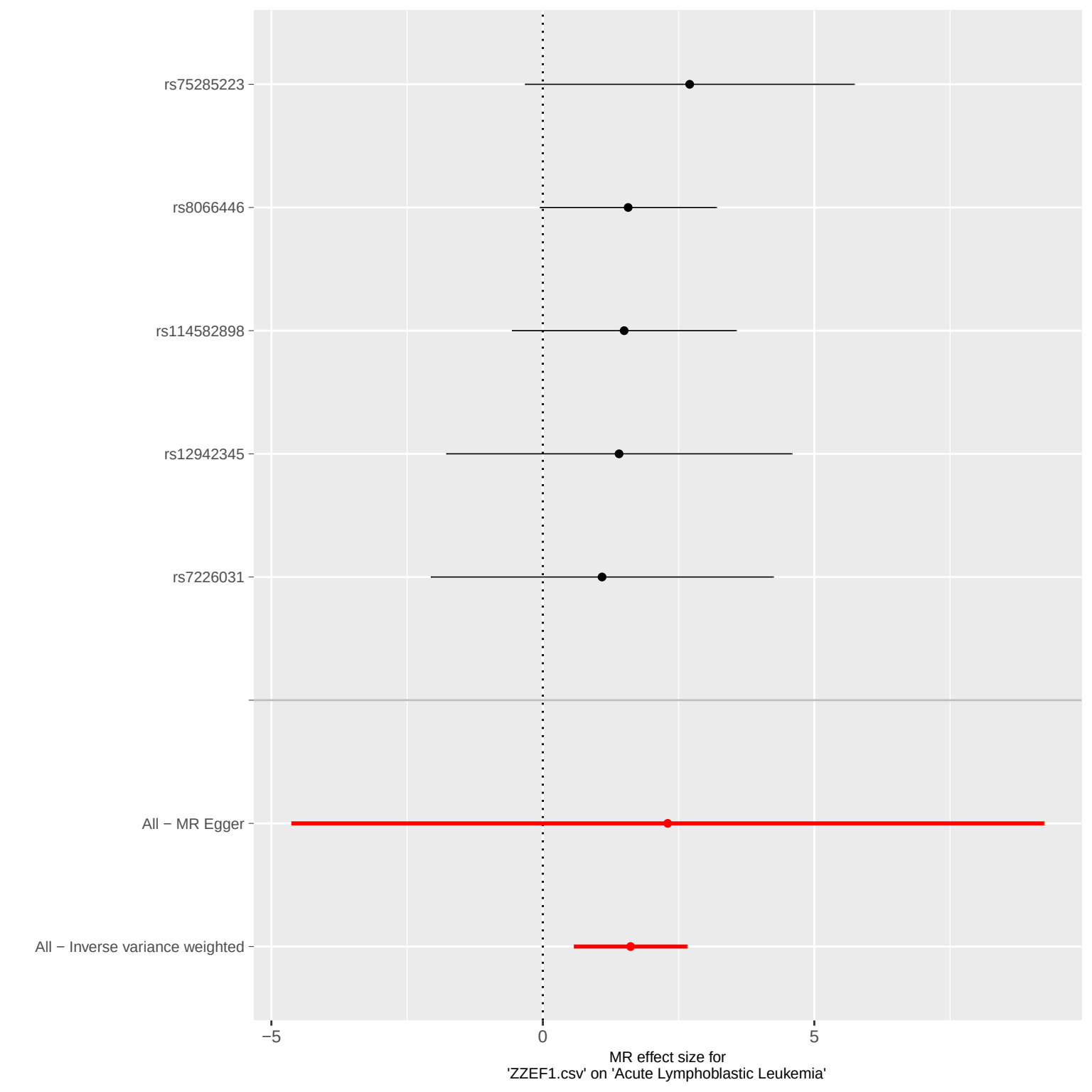
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ZYX.csv' on 'Acute Lymphoblastic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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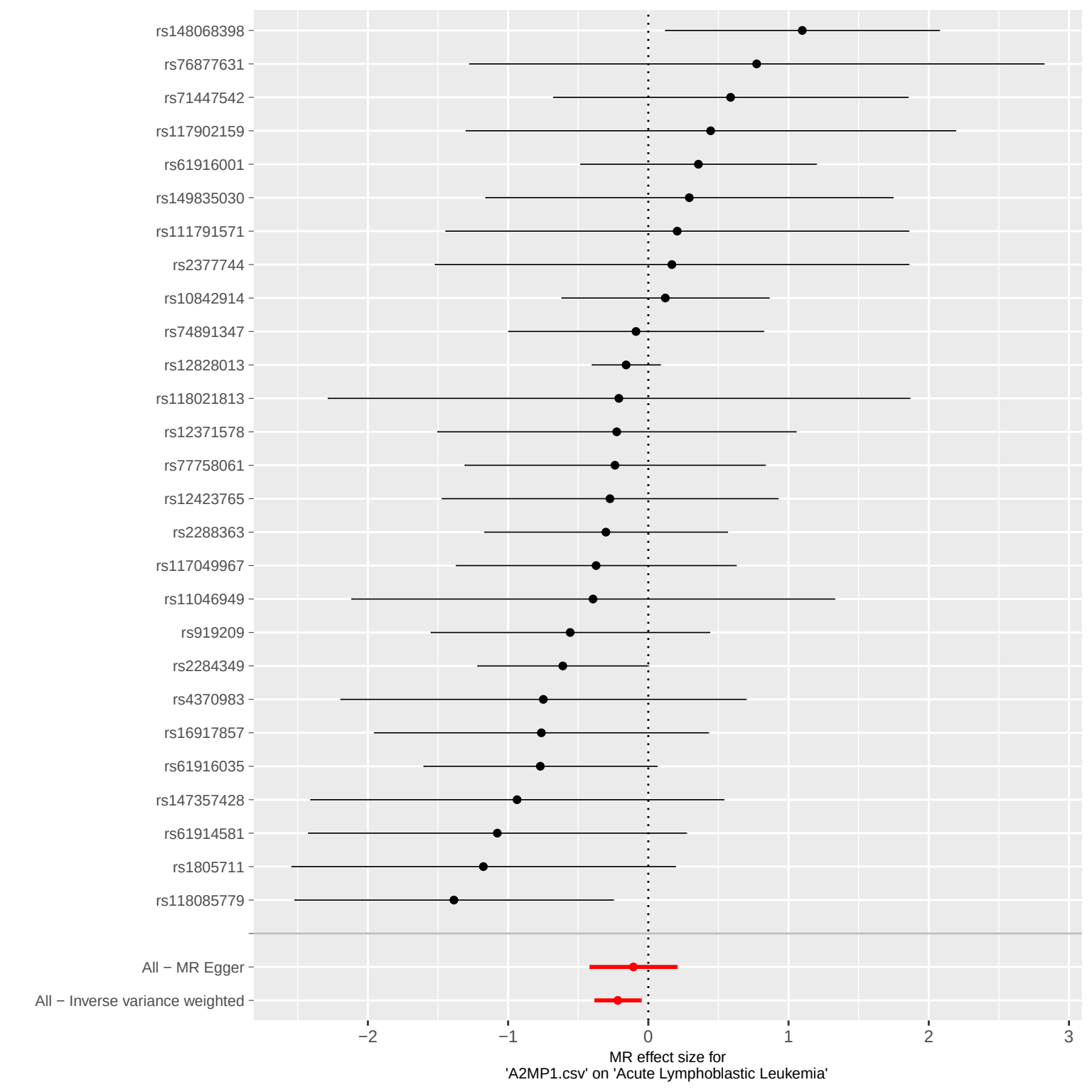
MR effect size for
'ZZEF1.csv' on 'Acute Lymphoblastic Leukemia'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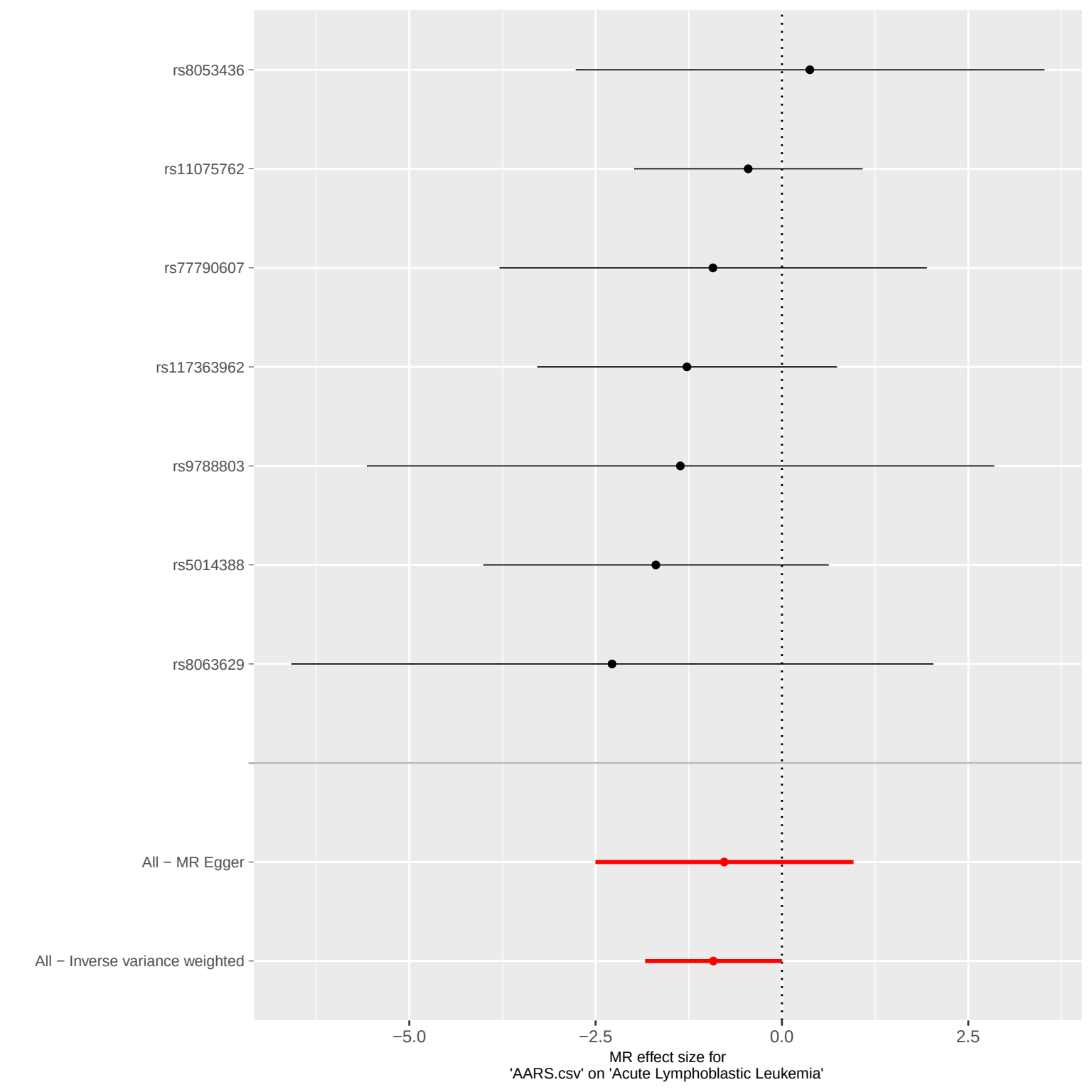
rs11046949
rs919209
rs2284349
rs4370983
rs16917857
rs61916035
rs147357428
rs61914581
rs1805711
rs118085779
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'A2MP1.csv' on 'Acute Lymphoblastic Leukemia'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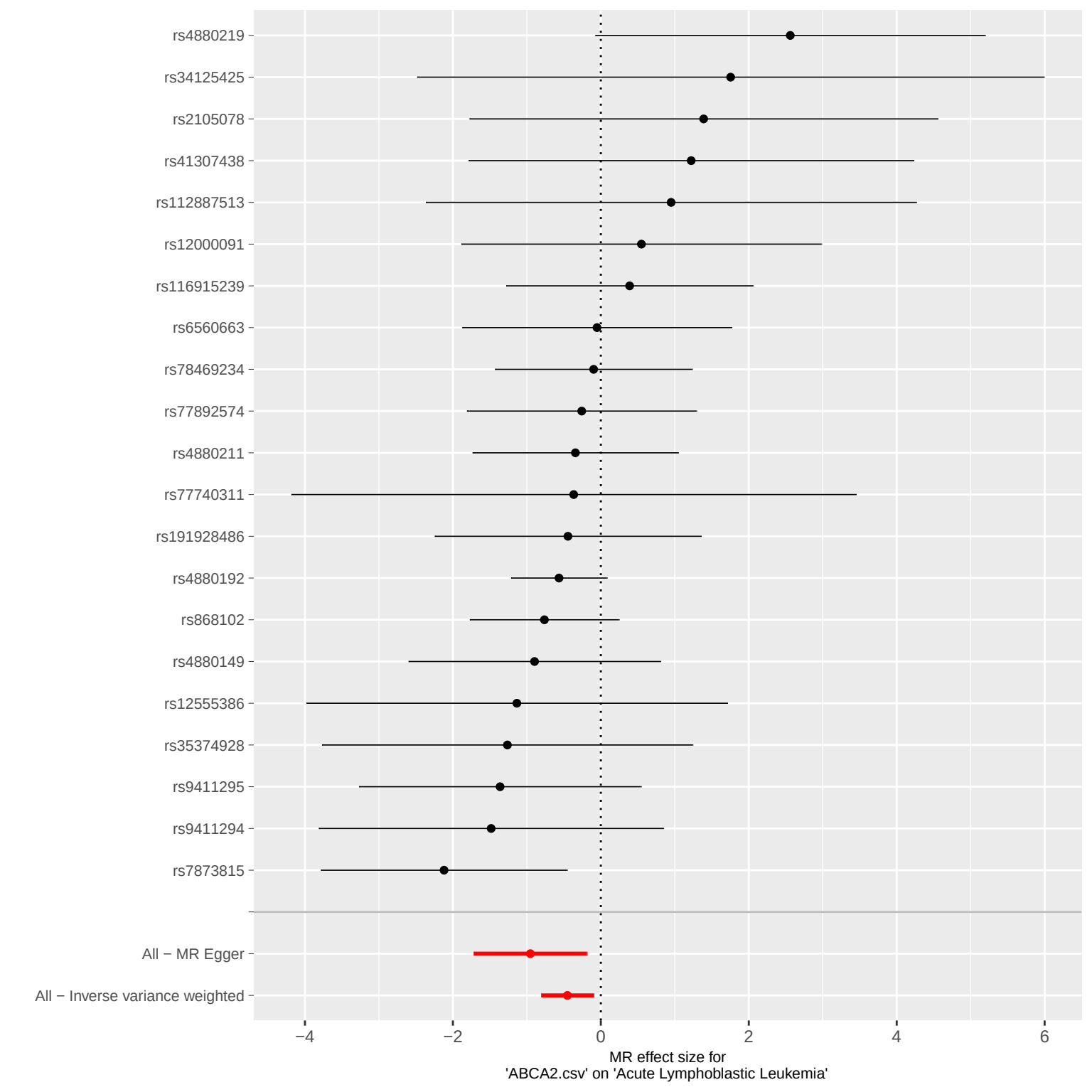
rs9788803
rs5014388
rs8063629
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'AARS.csv' on 'Acute Lymphoblastic Leukemia'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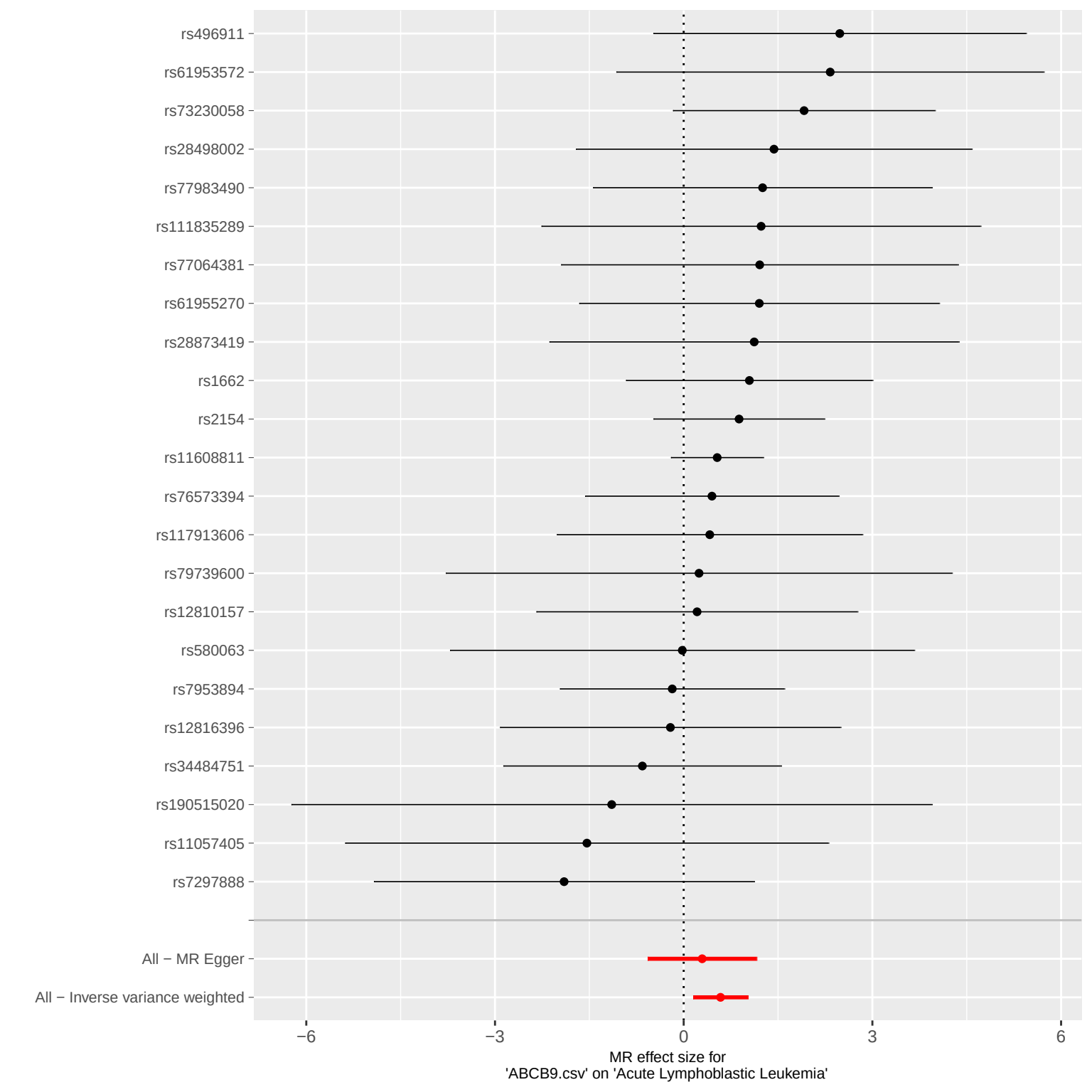
rs77740311
rs191928486
rs4880192
rs868102
rs4880149
rs12555386
rs35374928
rs9411295
rs9411294
rs7873815
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'ABCA2.csv' on 'Acute Lymphoblastic Leukemia'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MR effect size for
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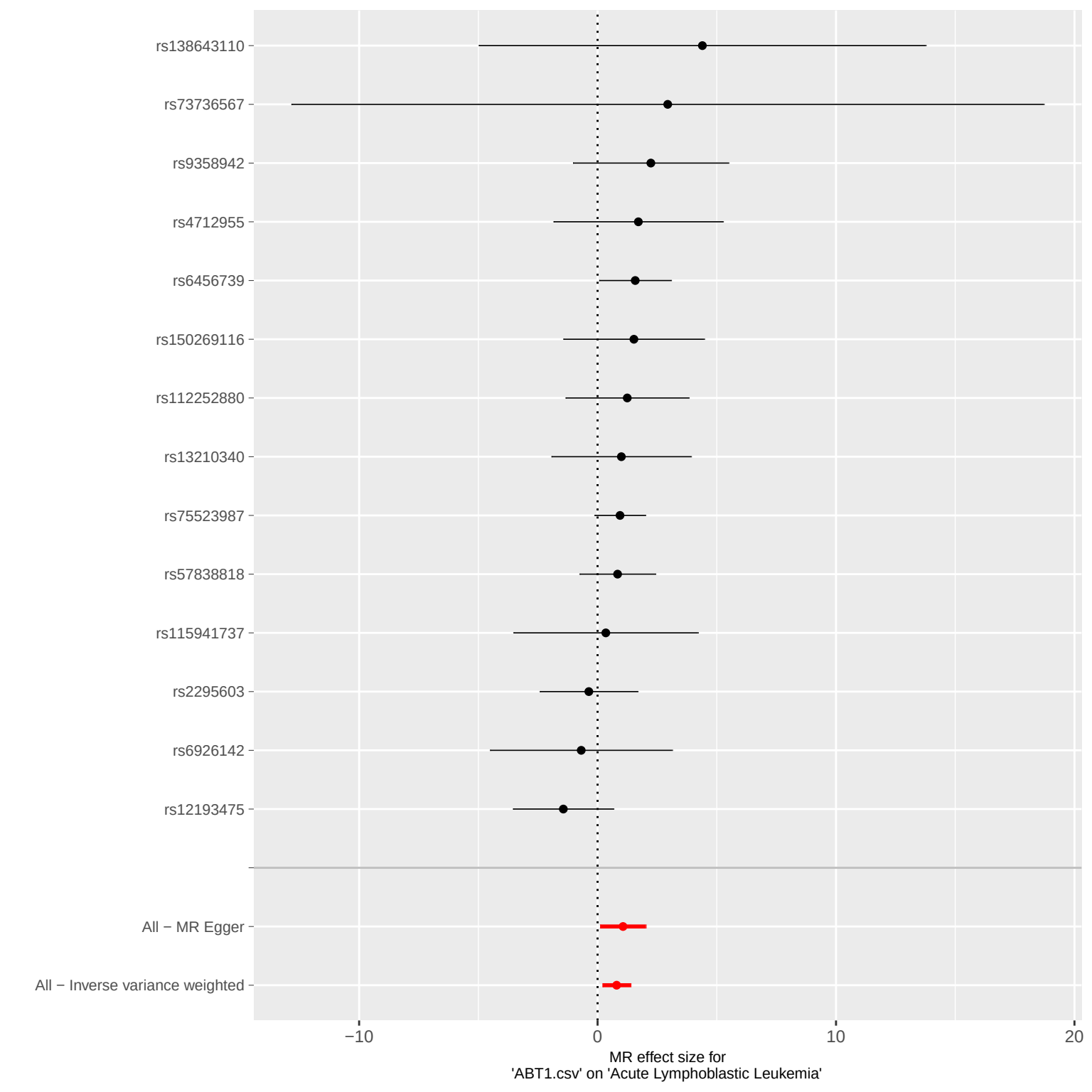
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MR effect size for
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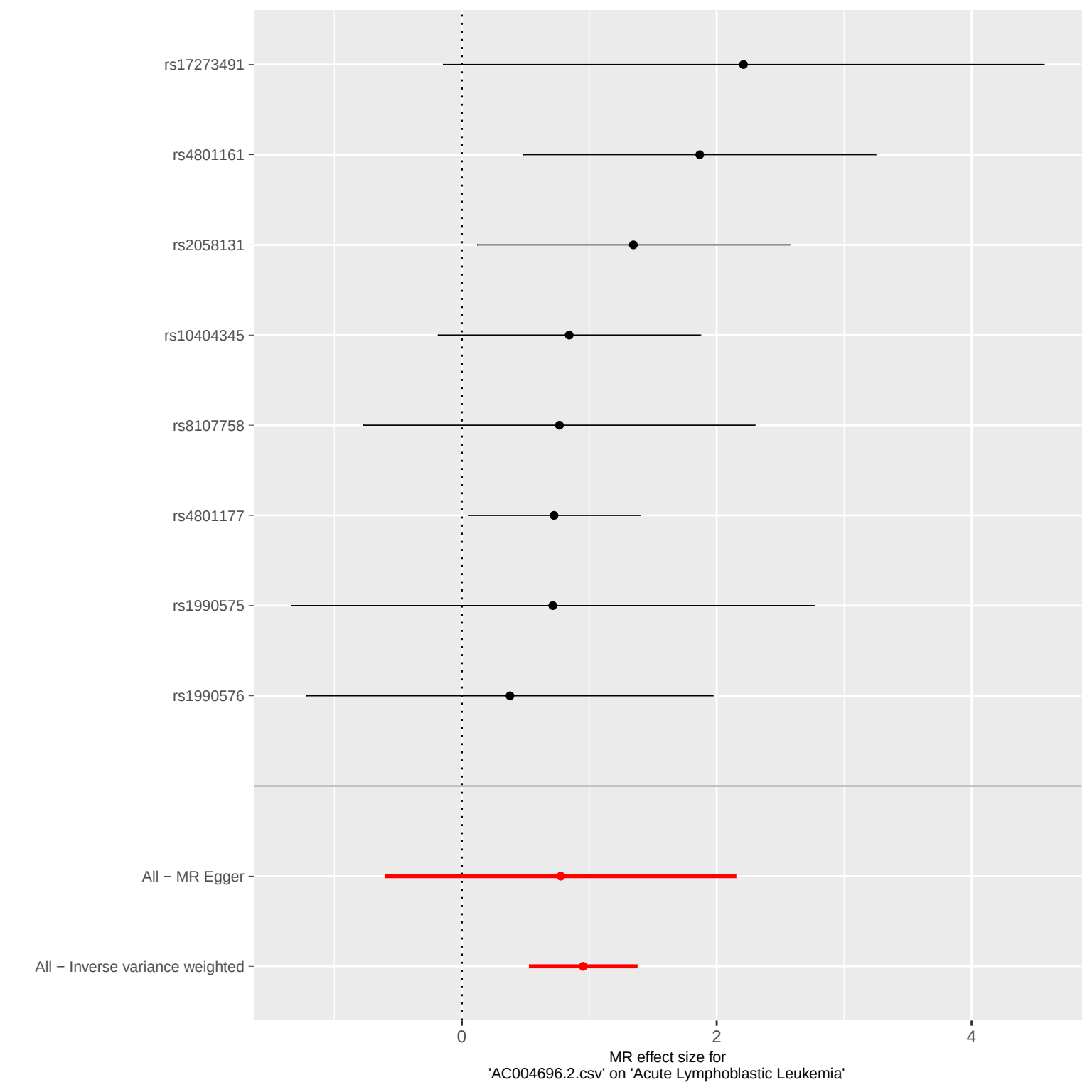
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All − Inverse variance weighted
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MR effect size for
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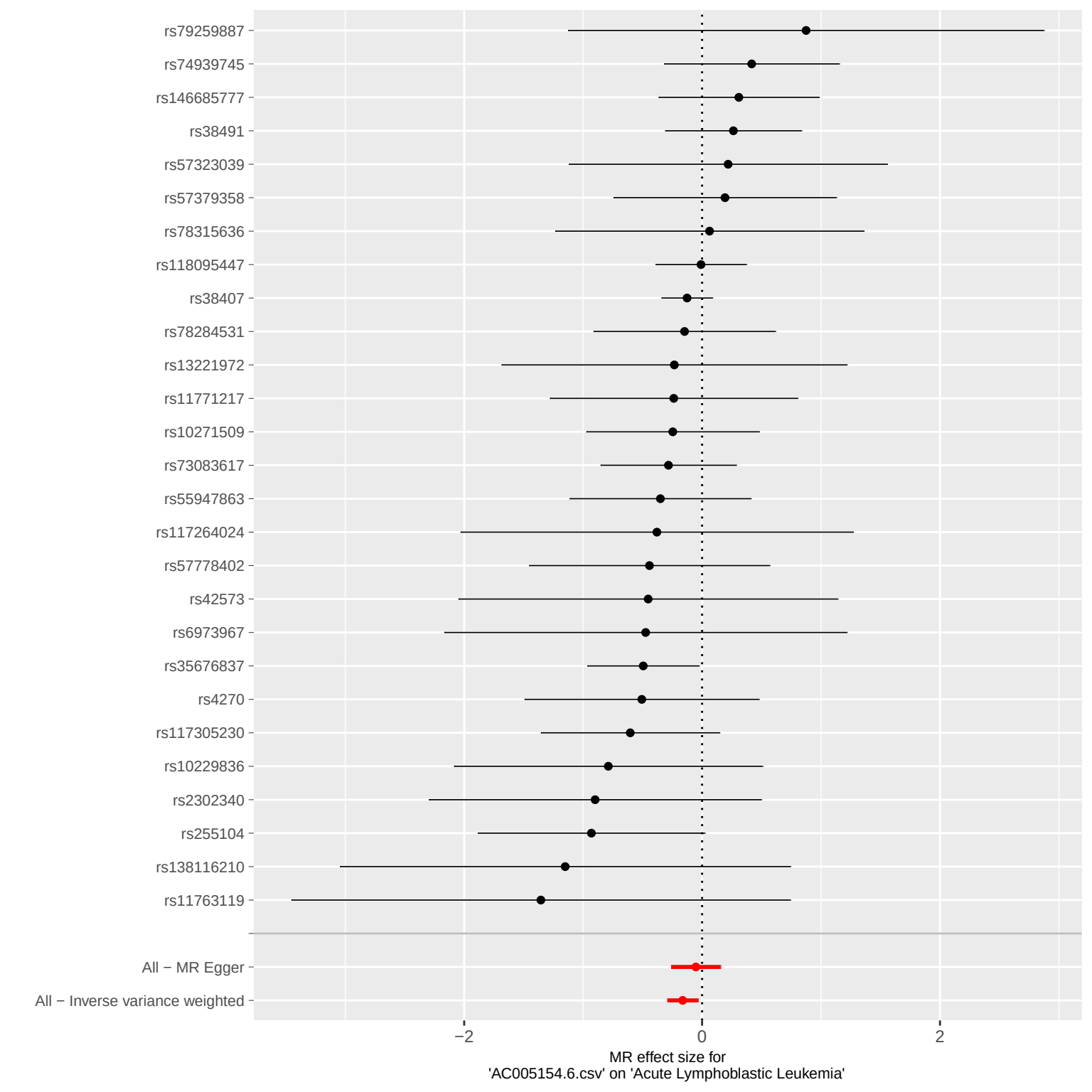
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rs10229836
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rs138116210
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All − Inverse variance weighted
−2
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2
MR effect size for
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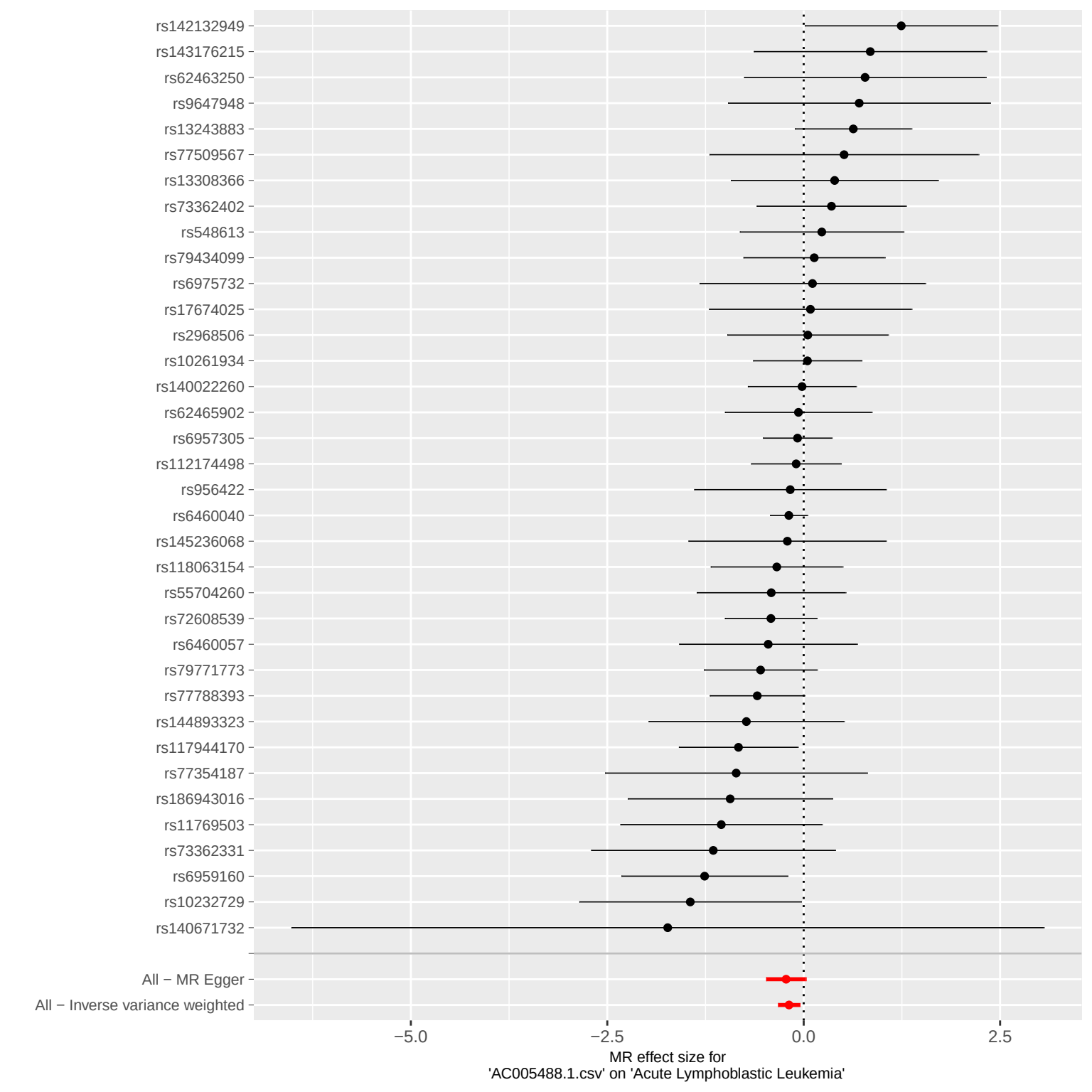
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All − MR Egger
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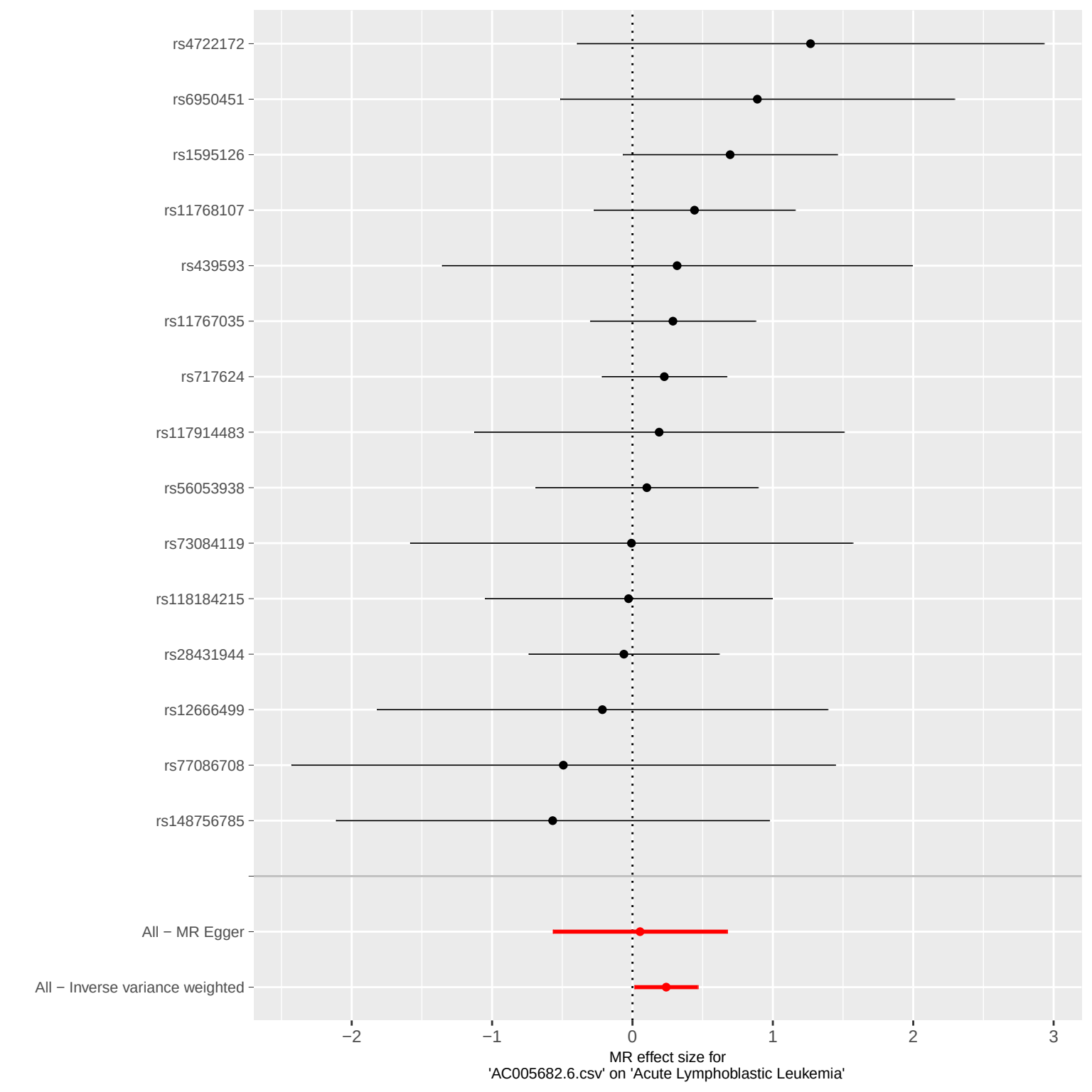
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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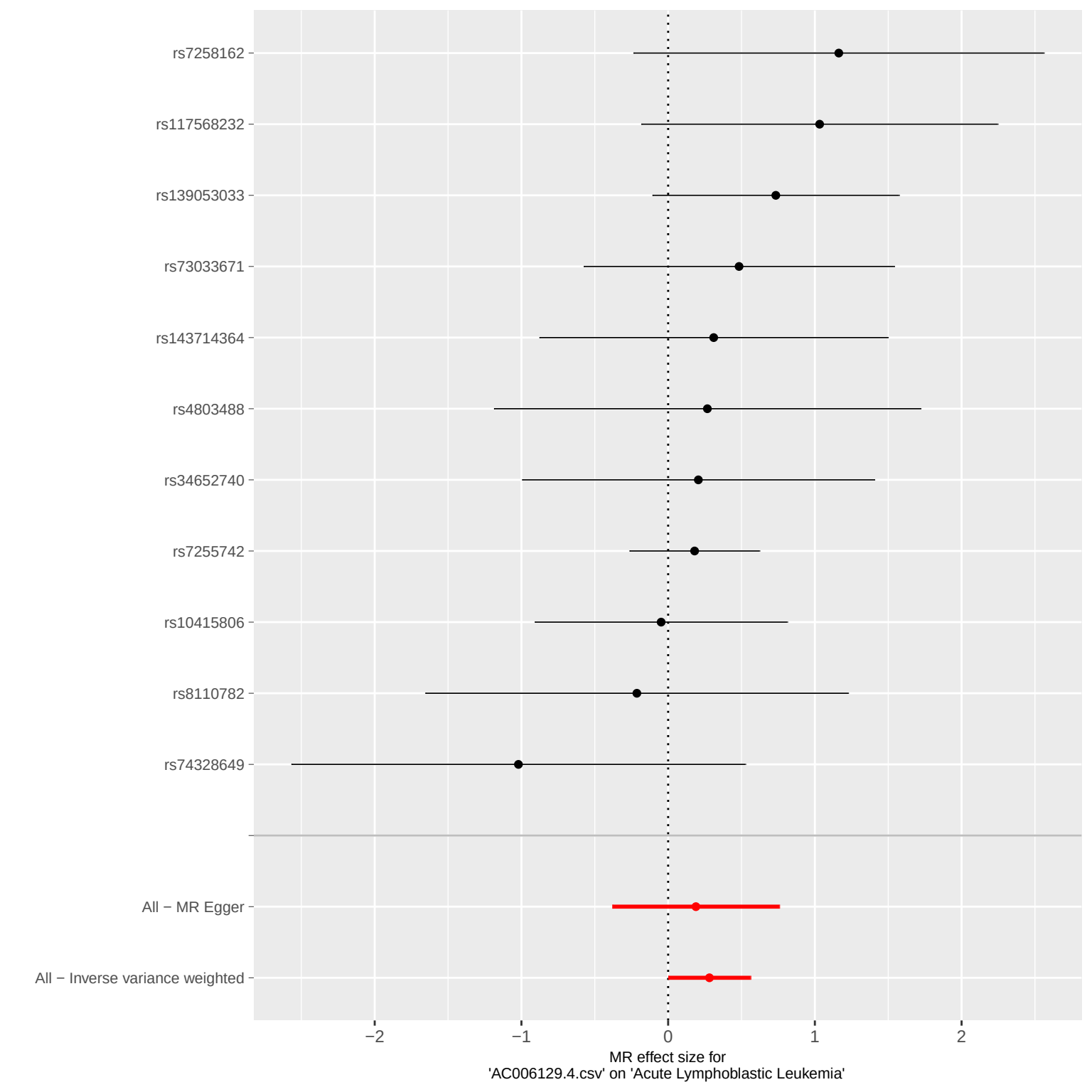
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All − MR Egger
All − Inverse variance weighted
−2
−1
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MR effect size for
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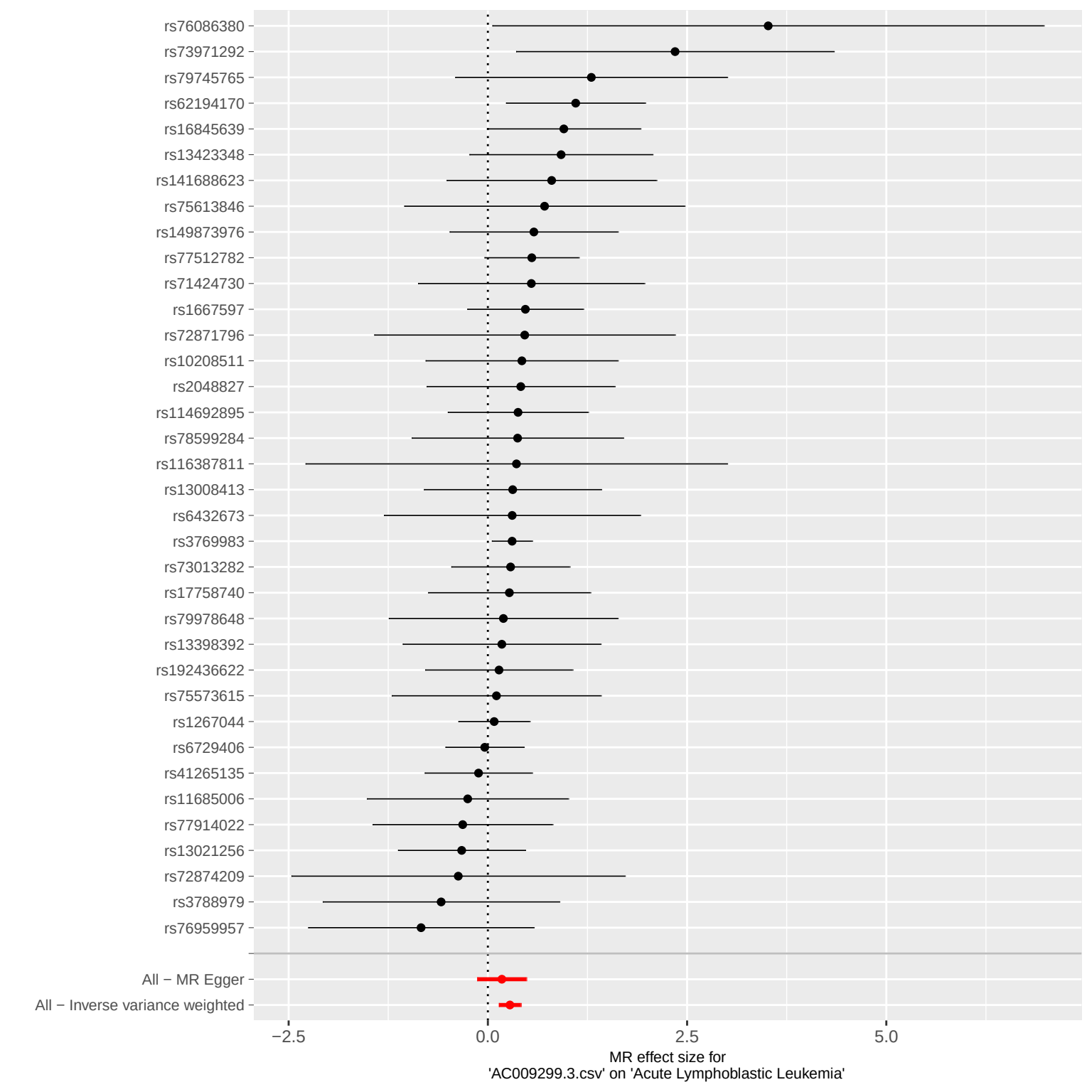
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All − MR Egger
All − Inverse variance weighted
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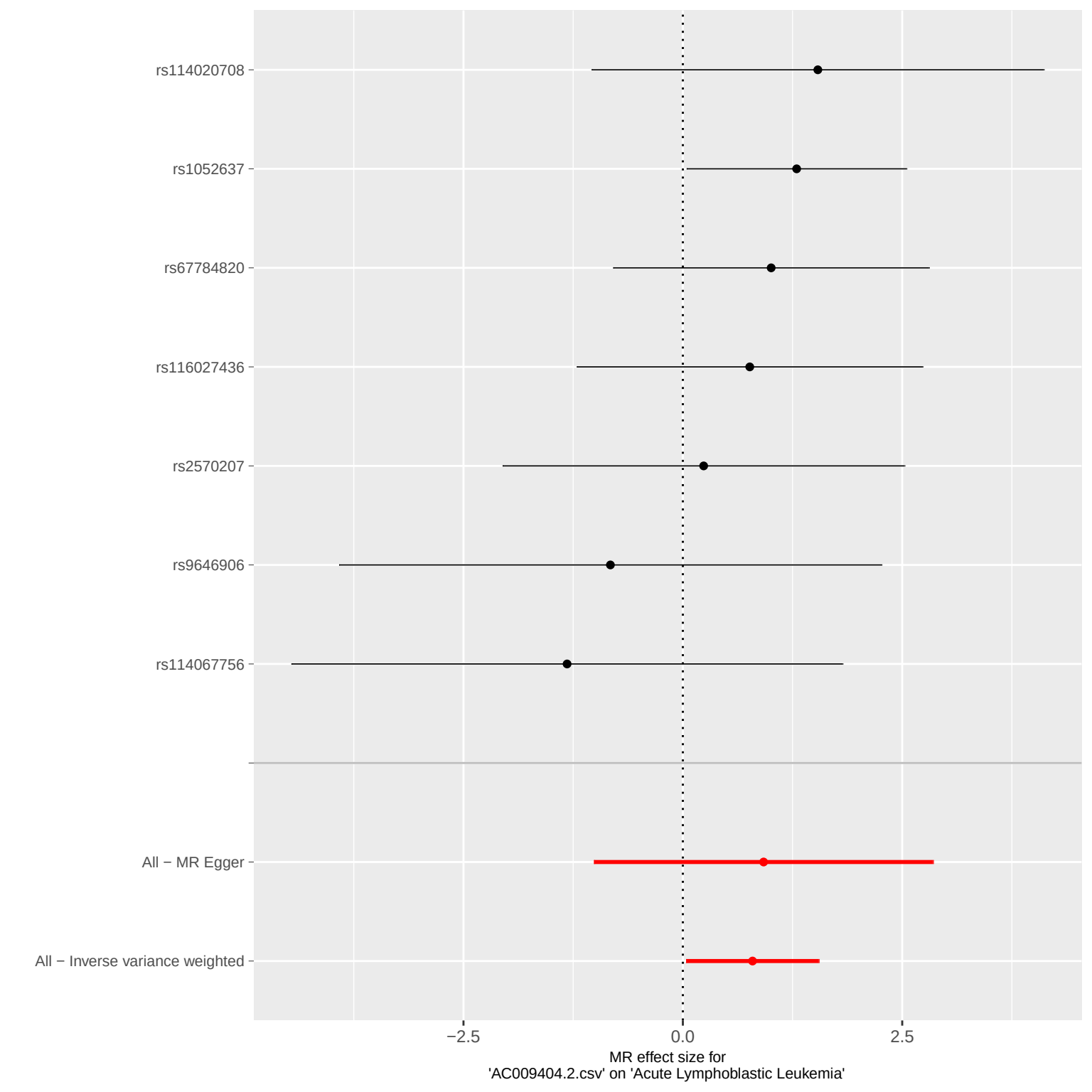
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MR effect size for
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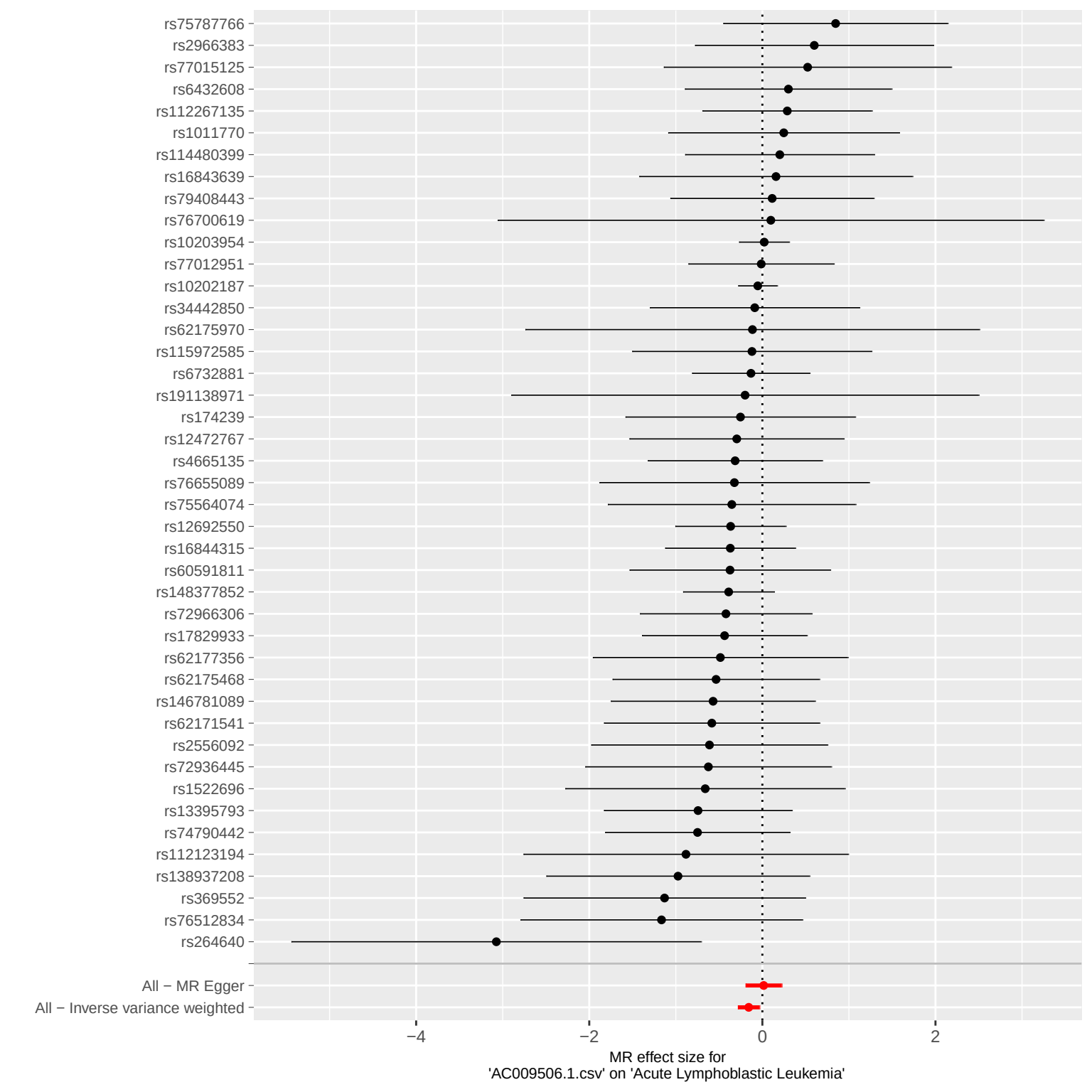
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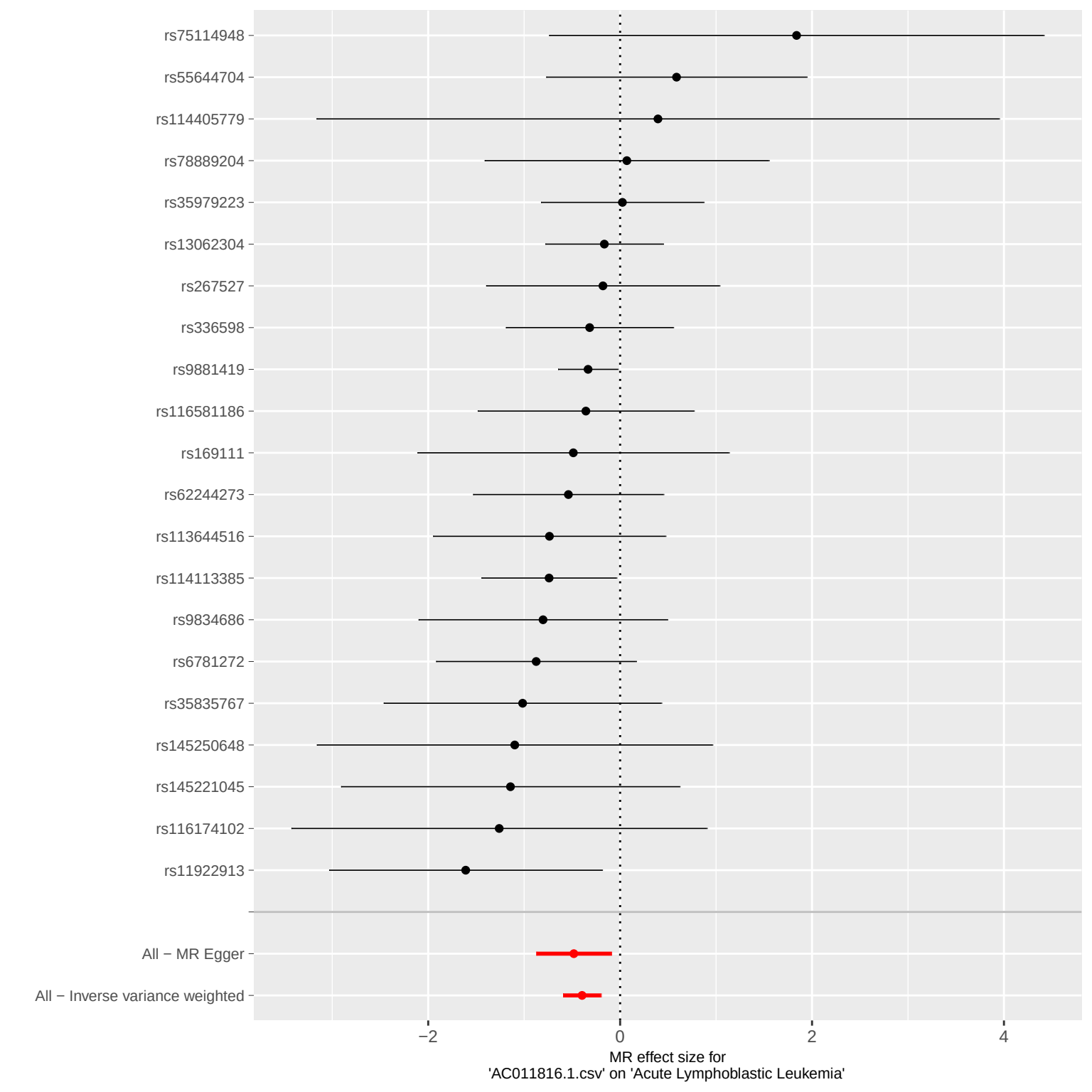
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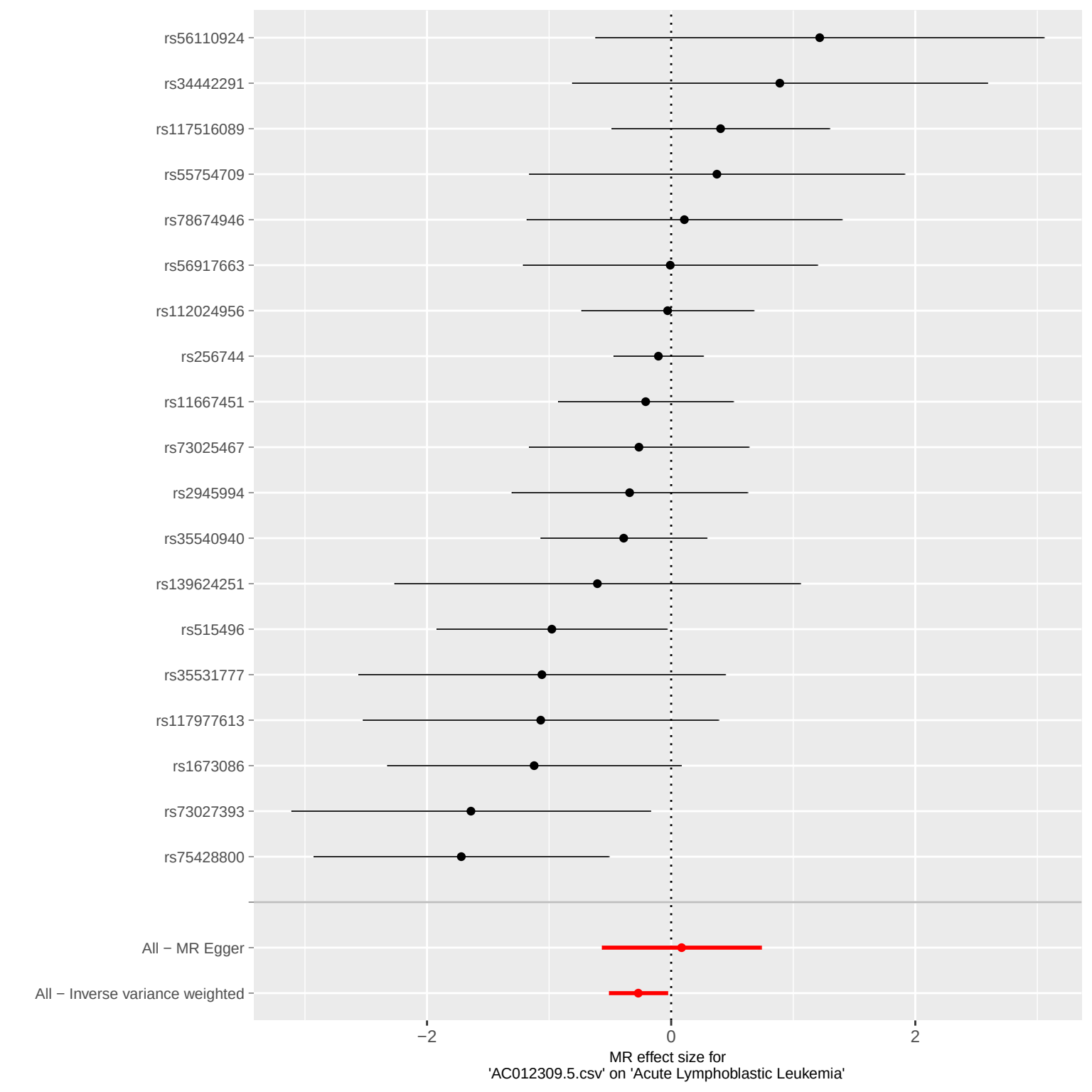
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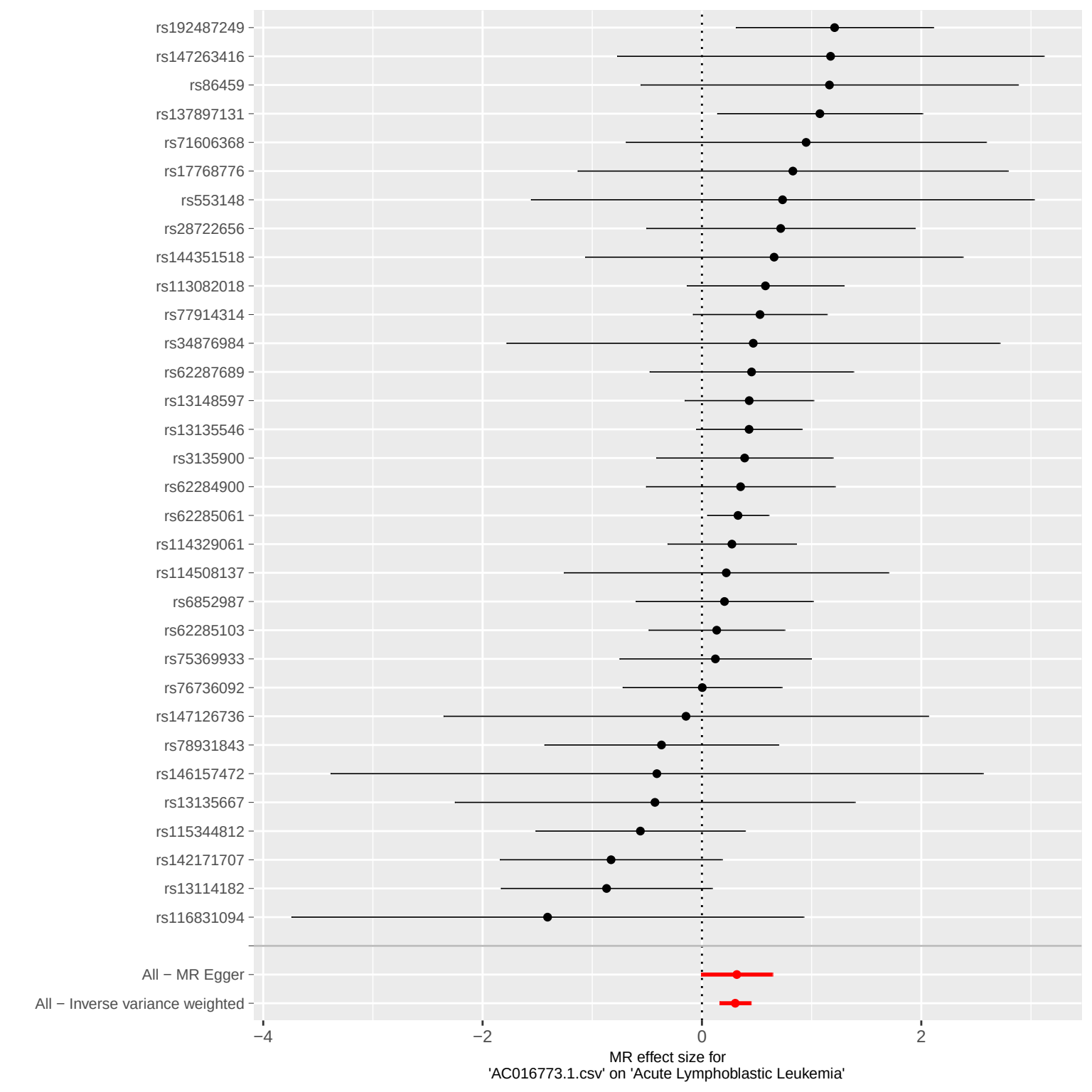
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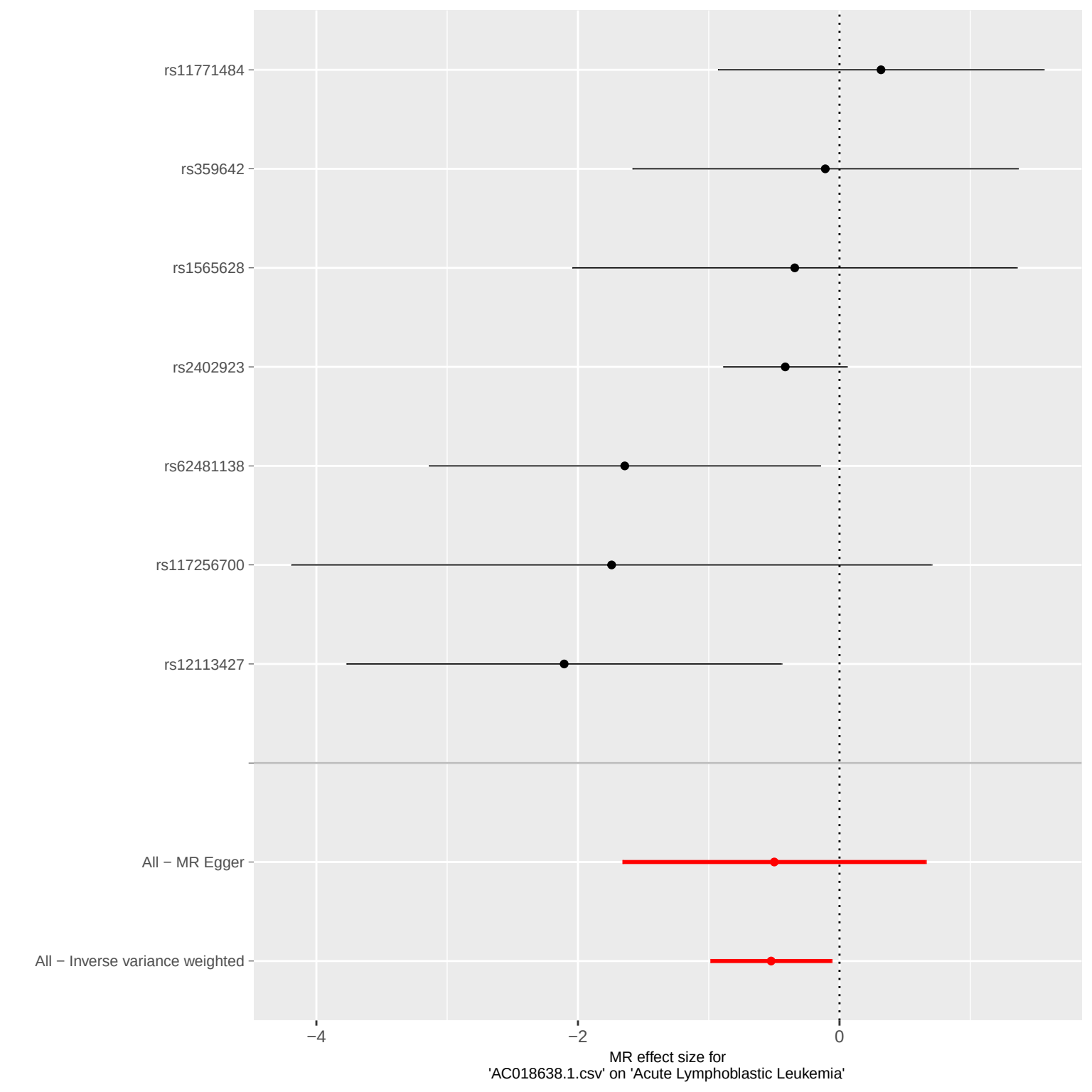
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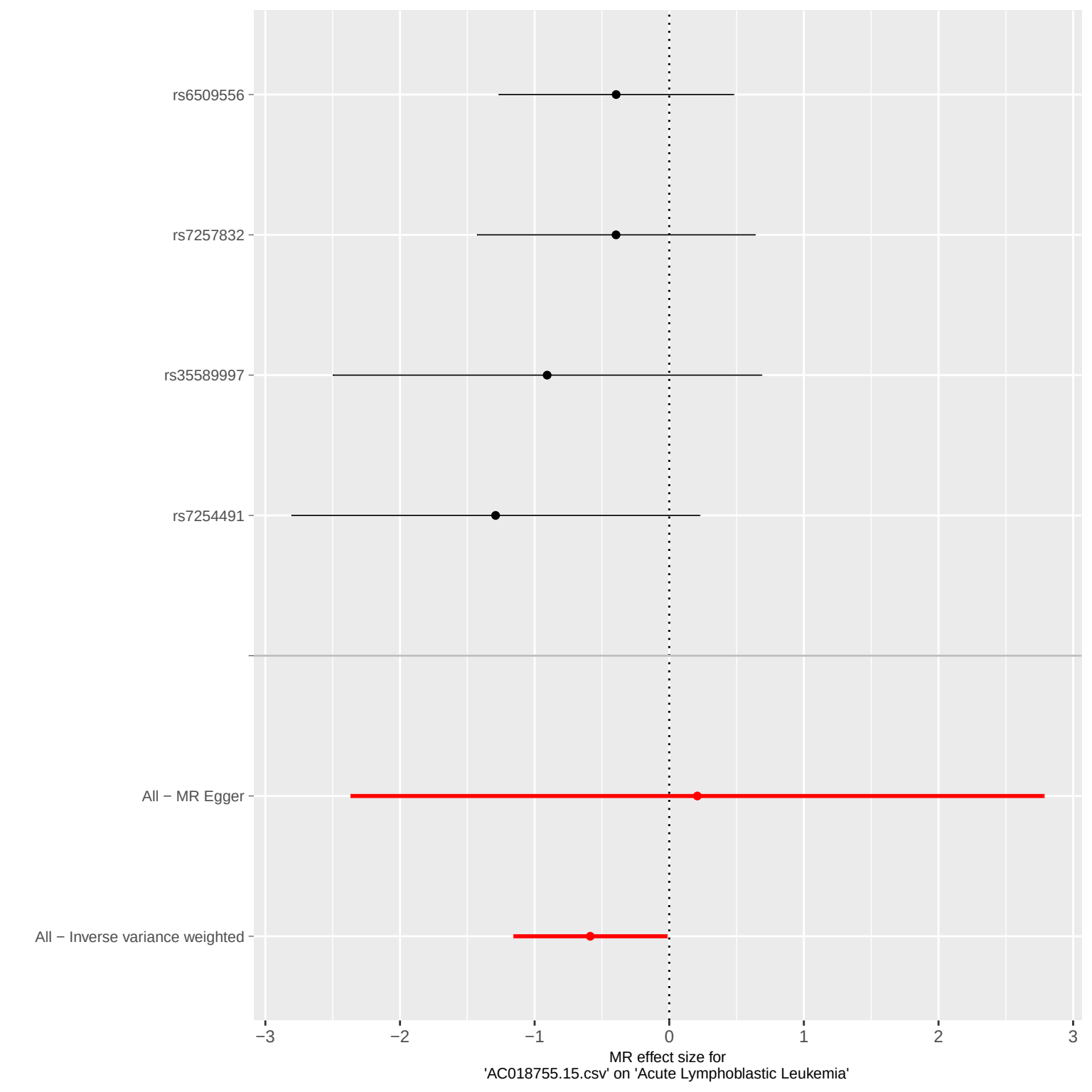
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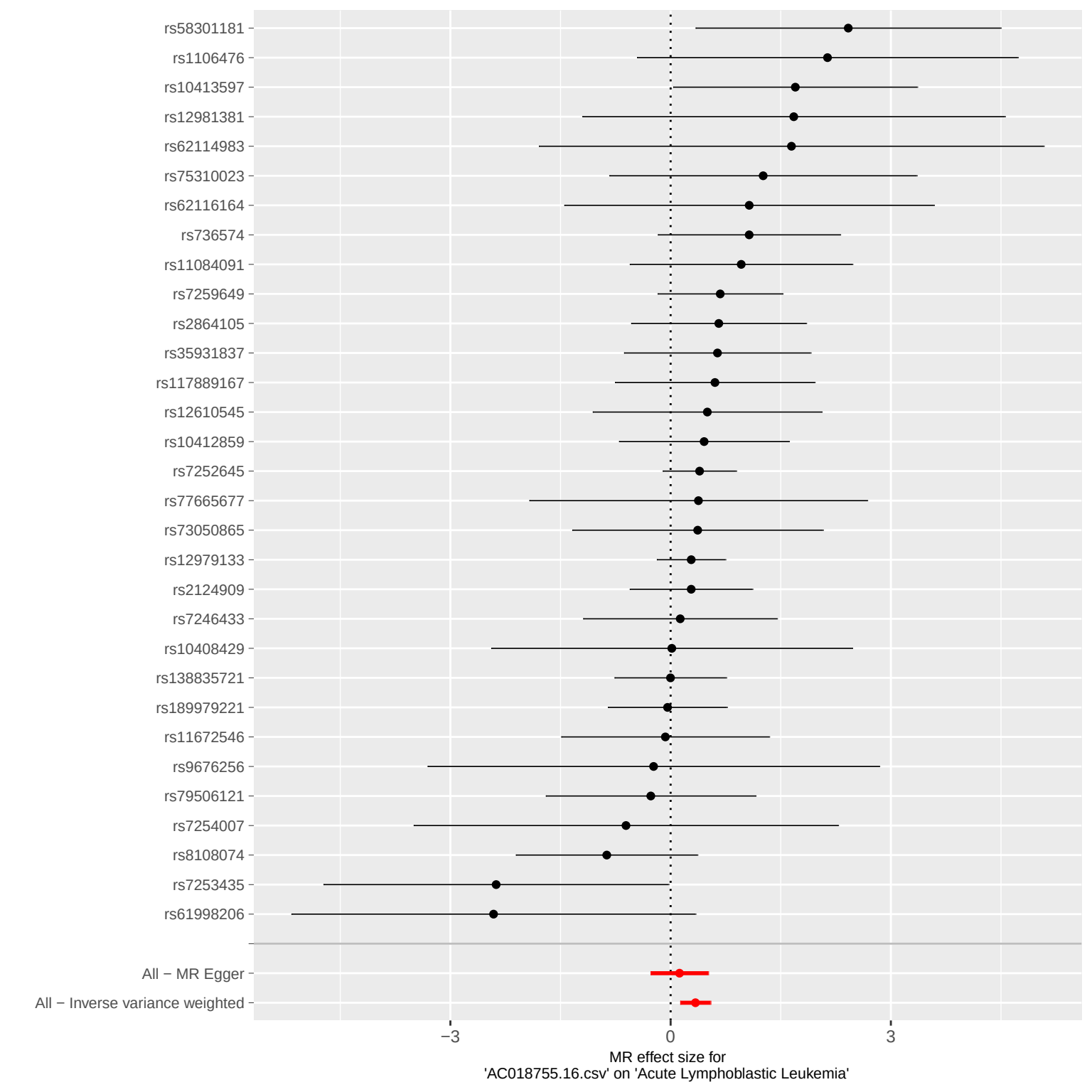
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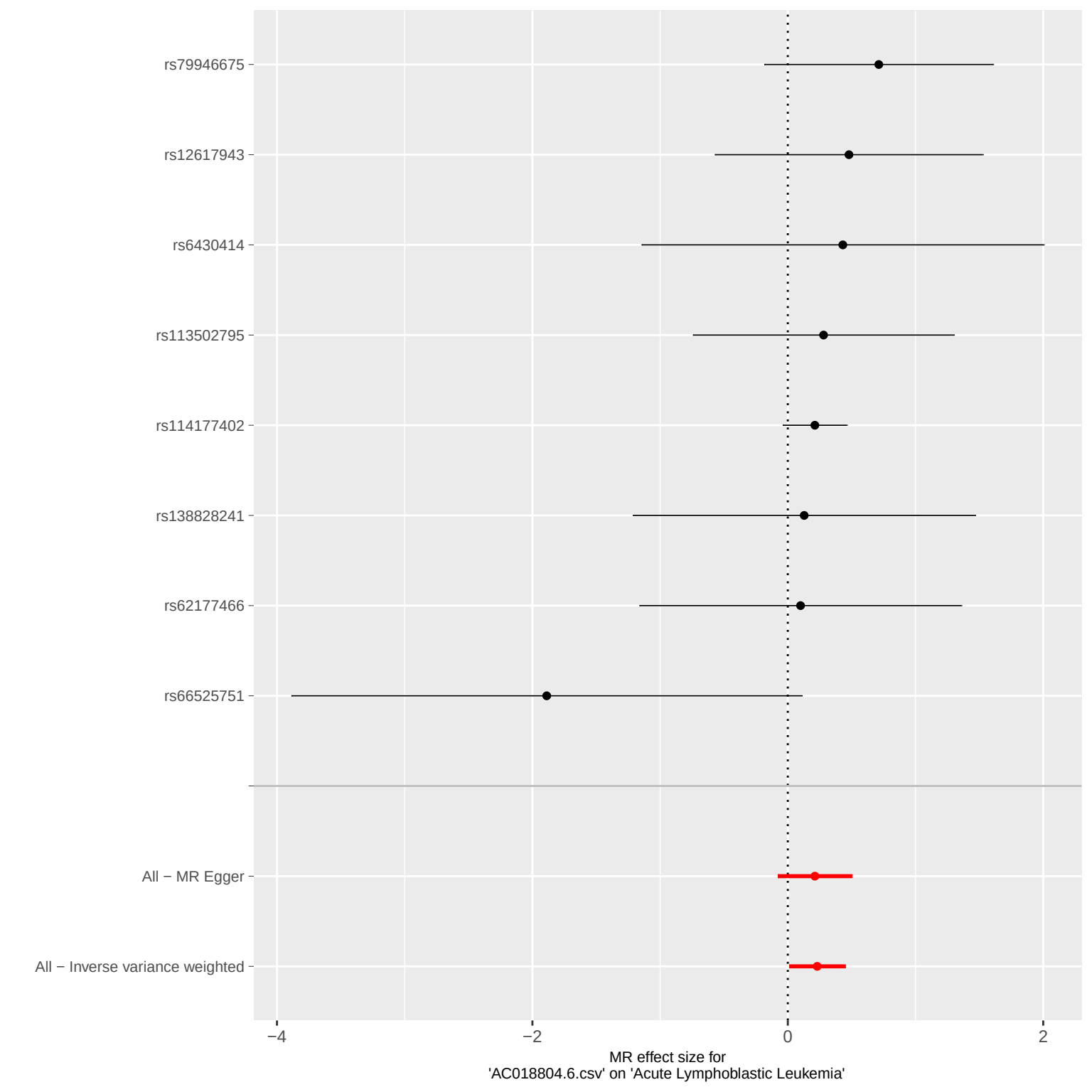
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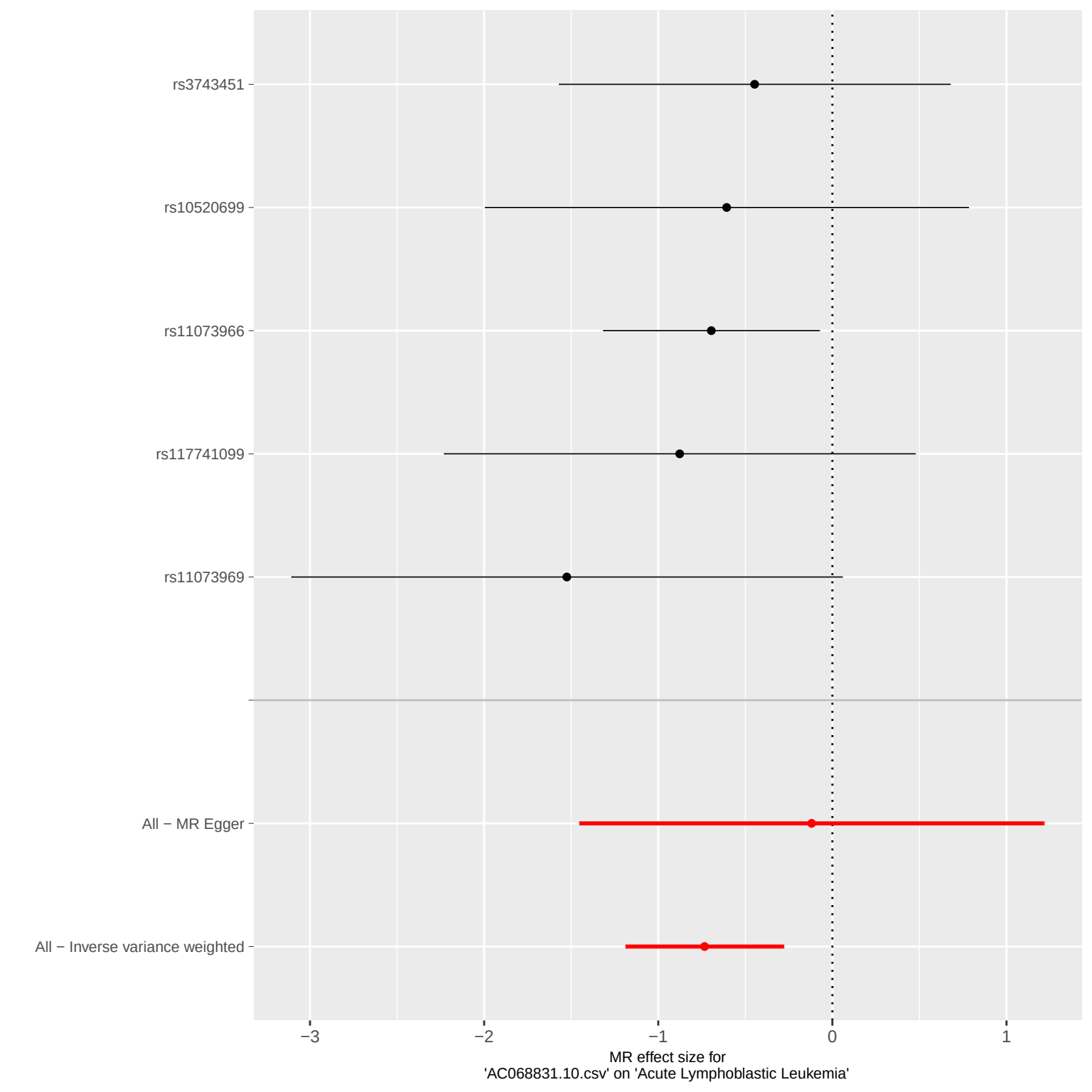
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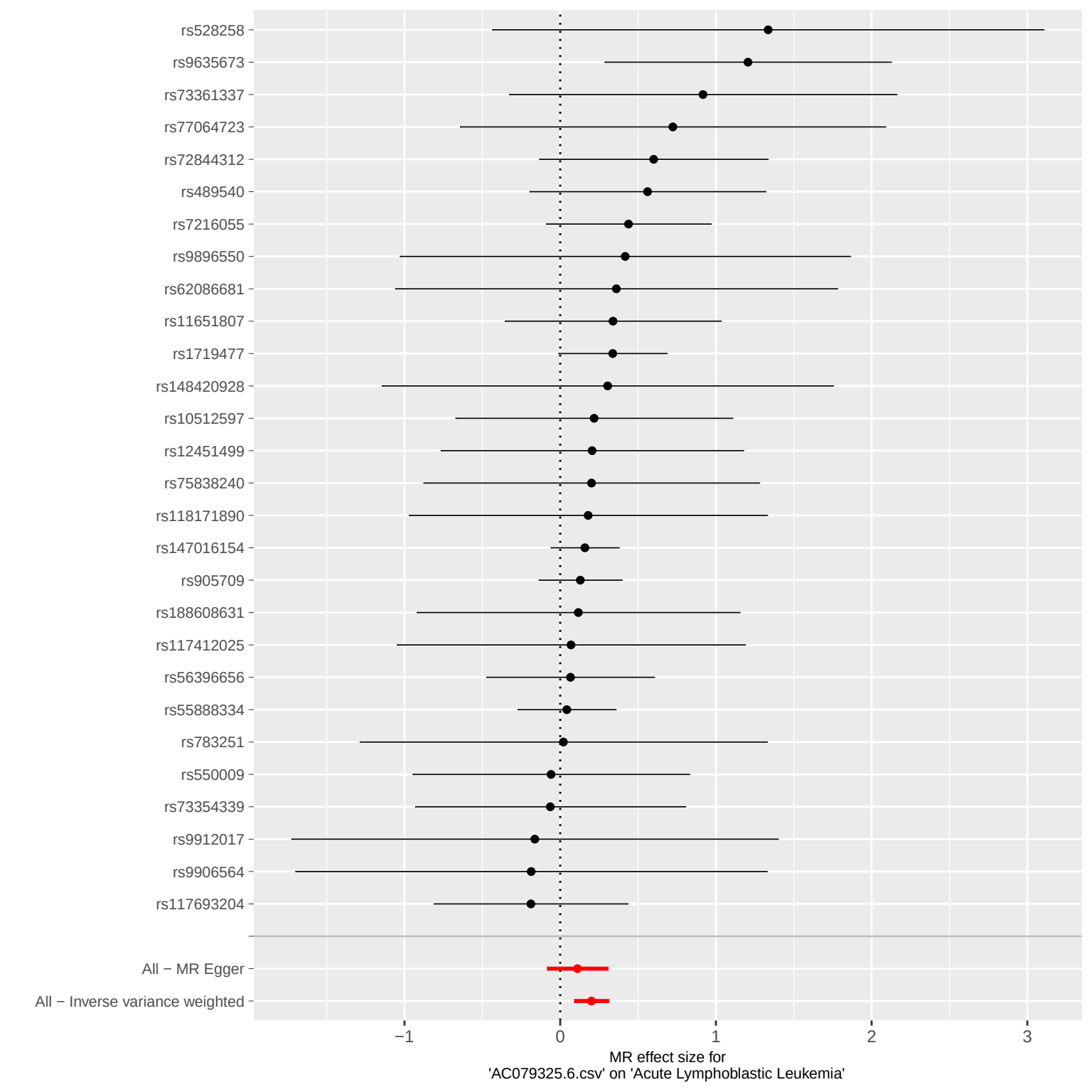
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MR effect size for
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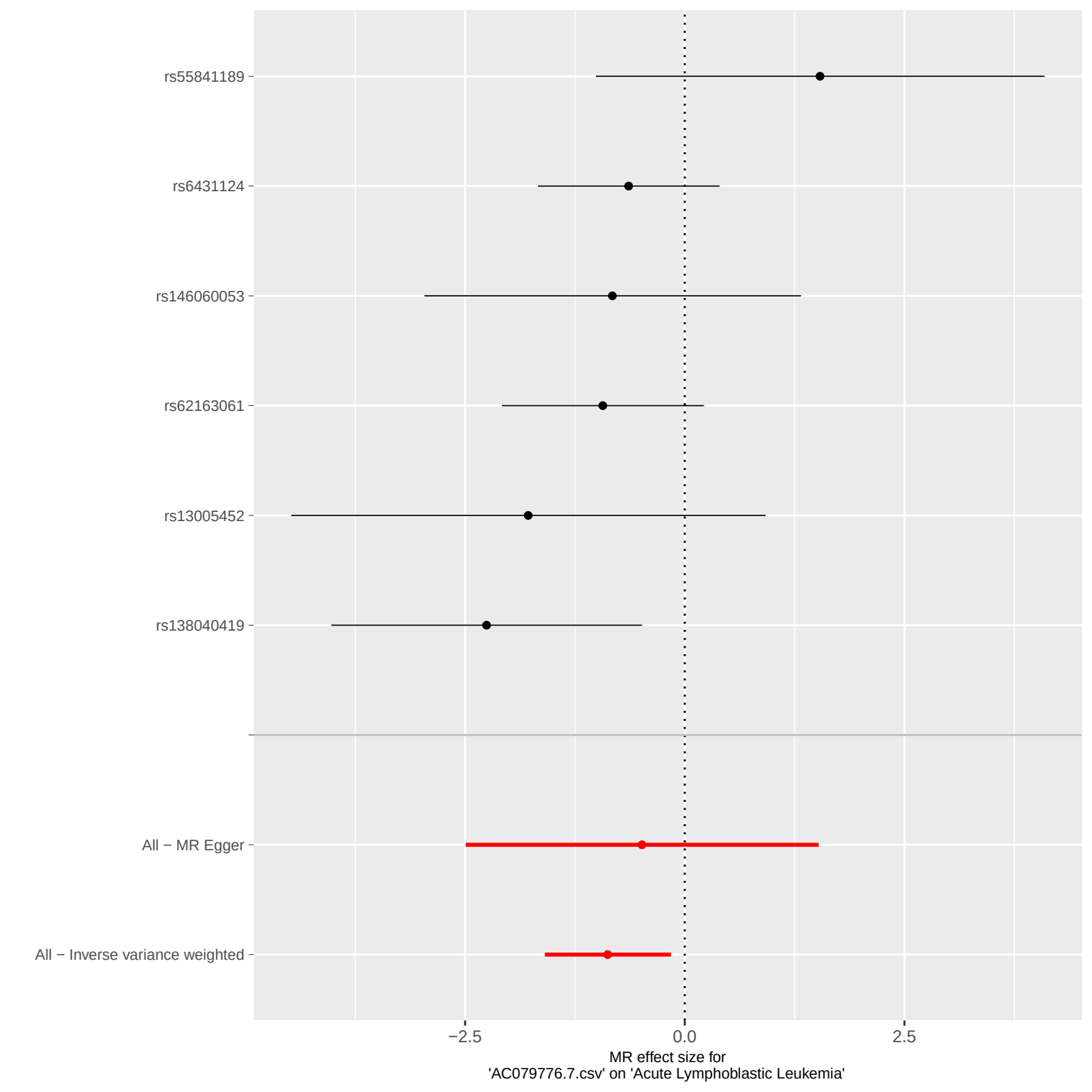
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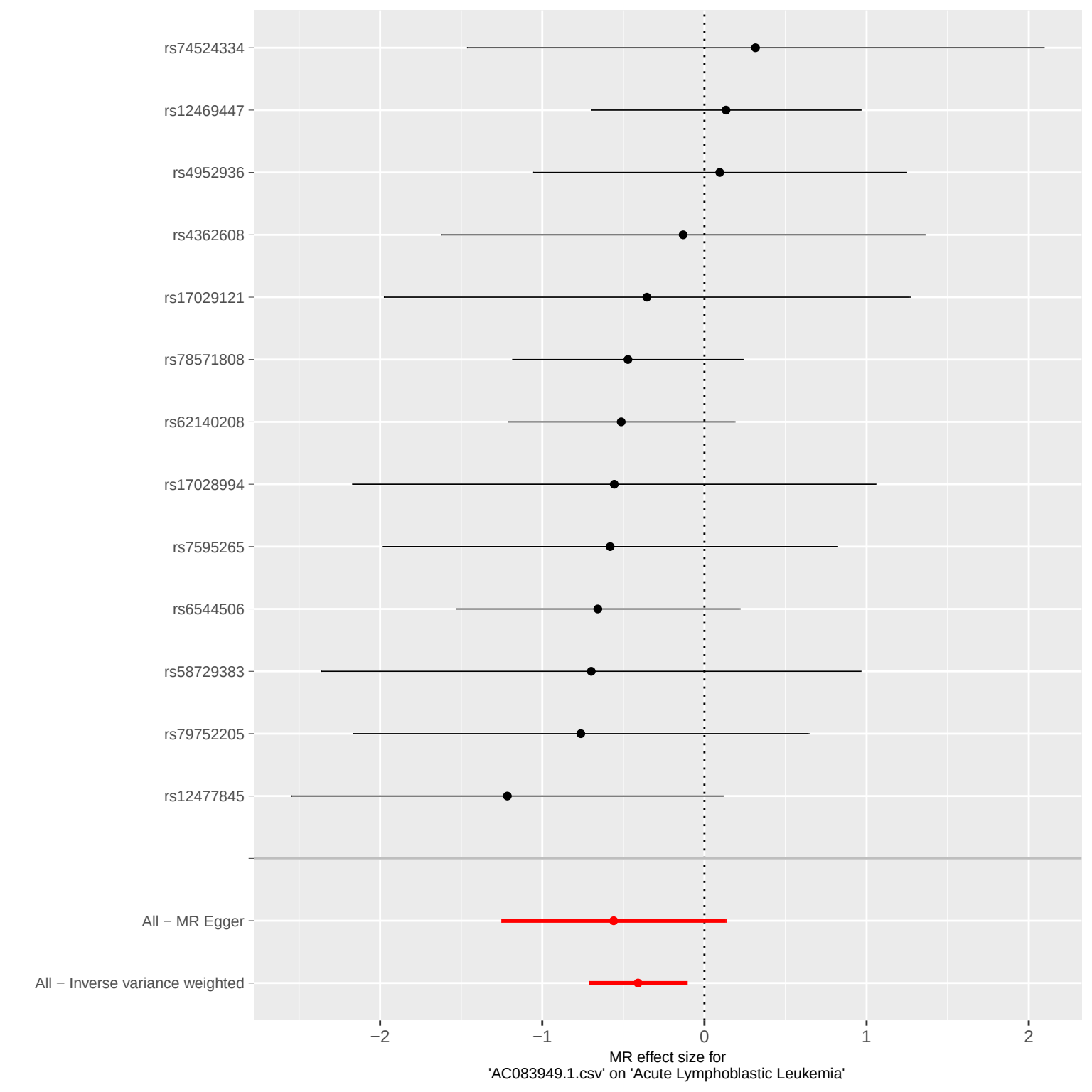
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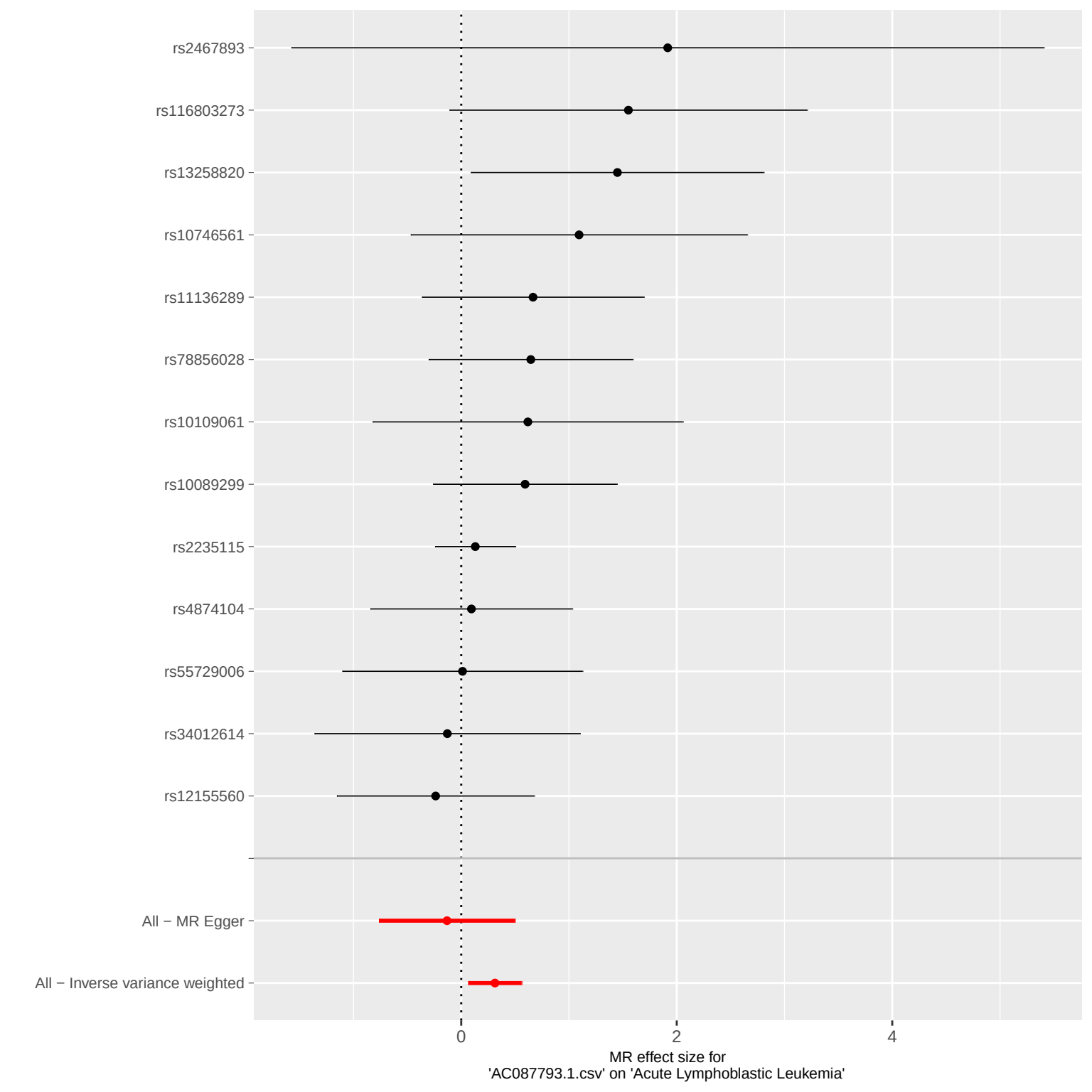
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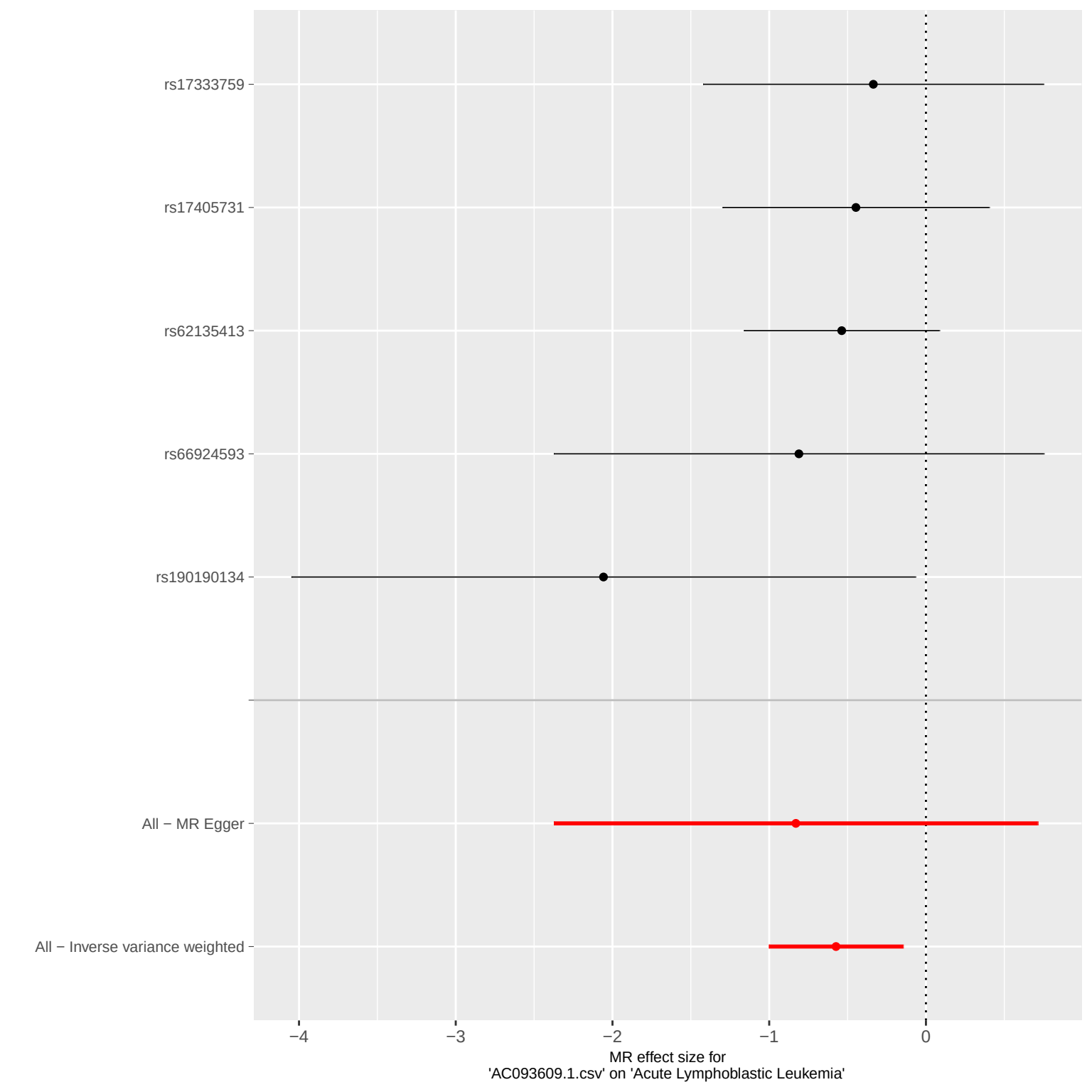
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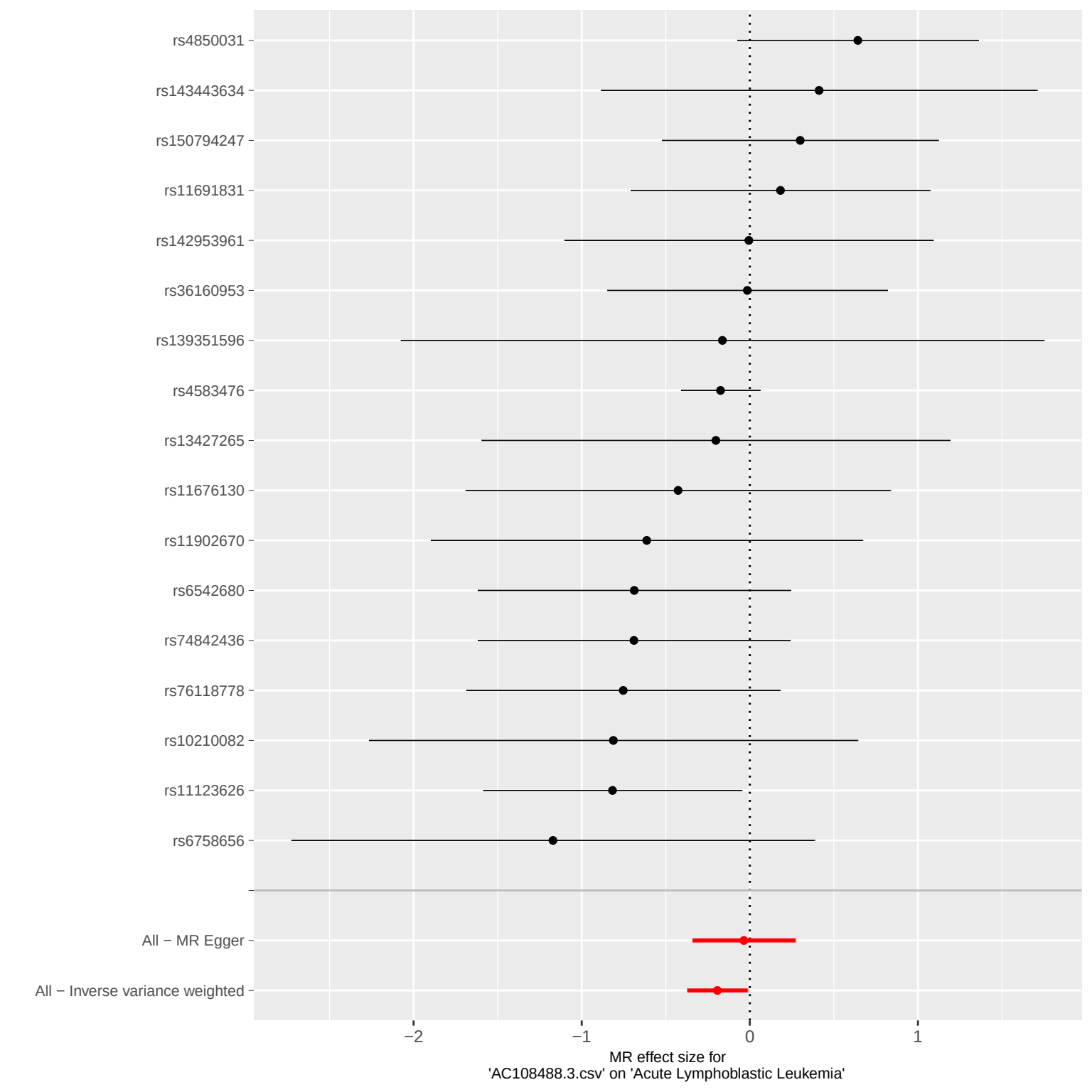
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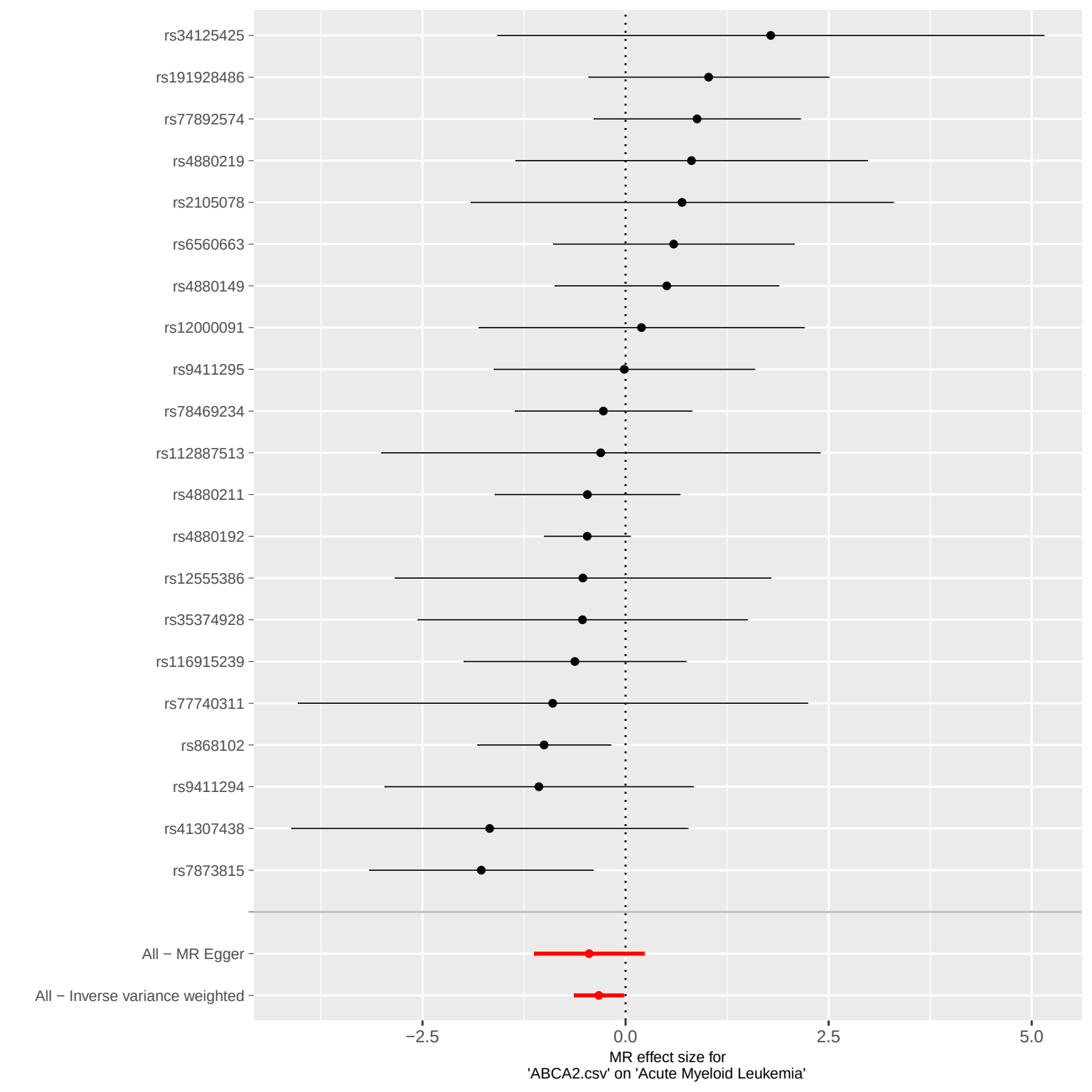
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2.5
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MR effect size for
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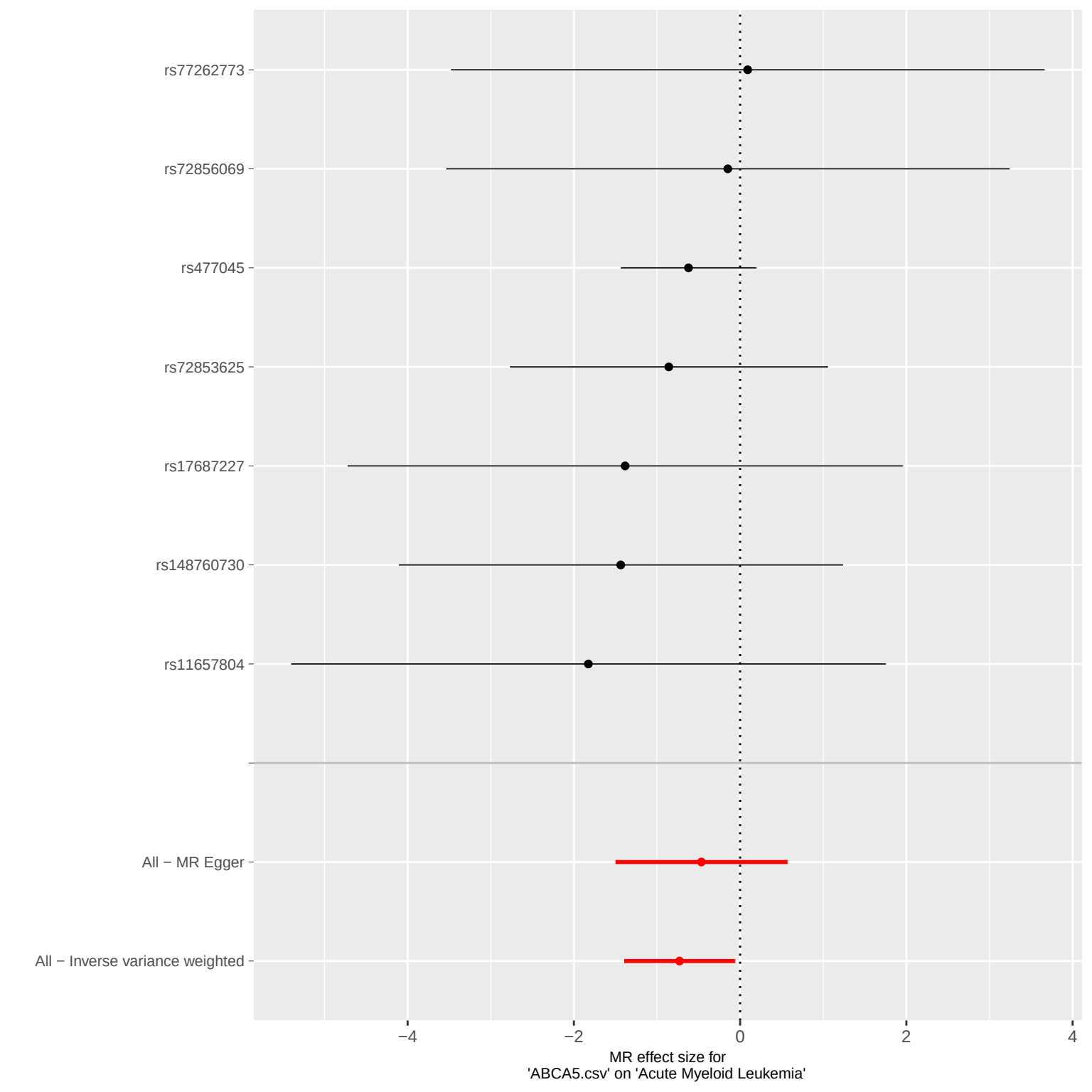
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MR effect size for
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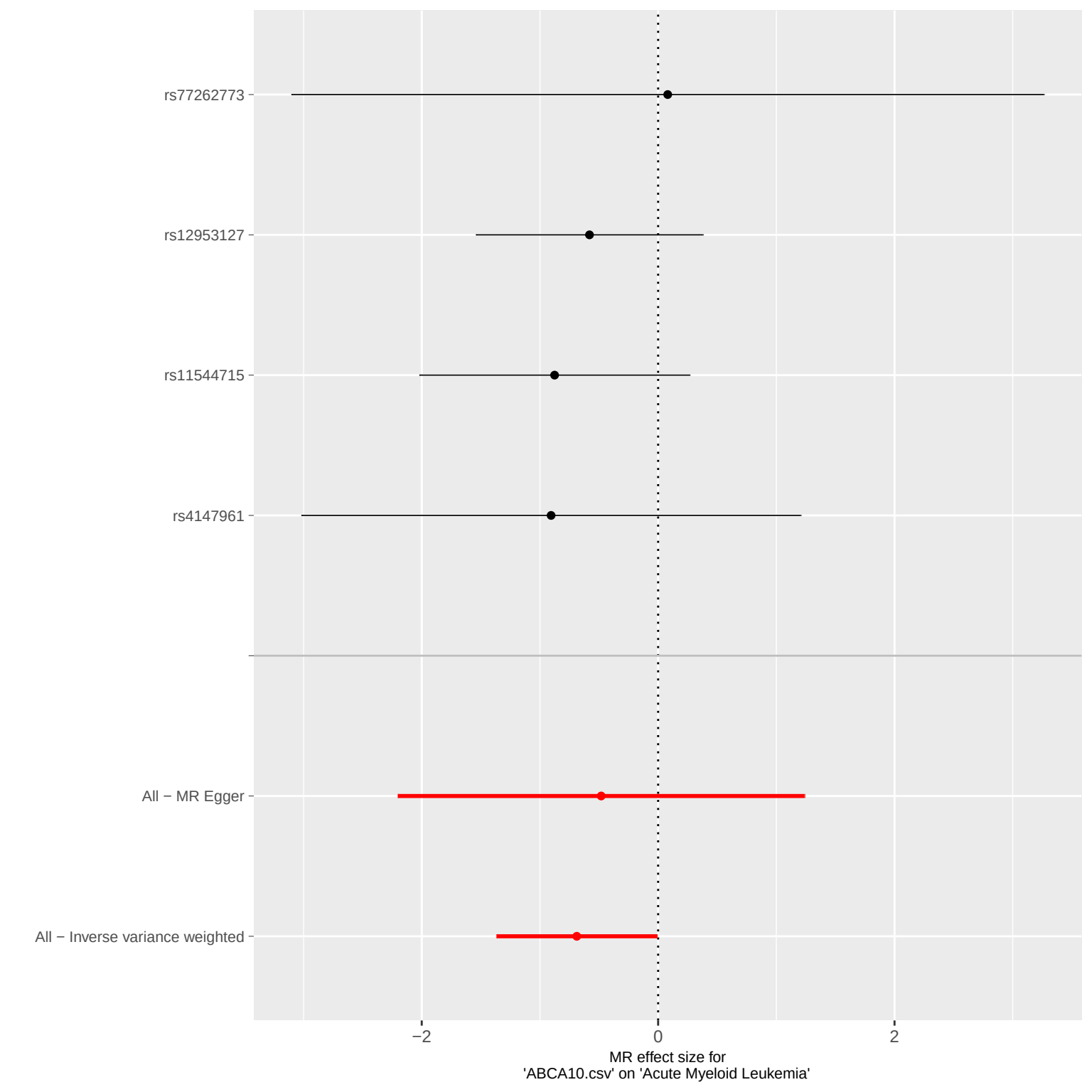
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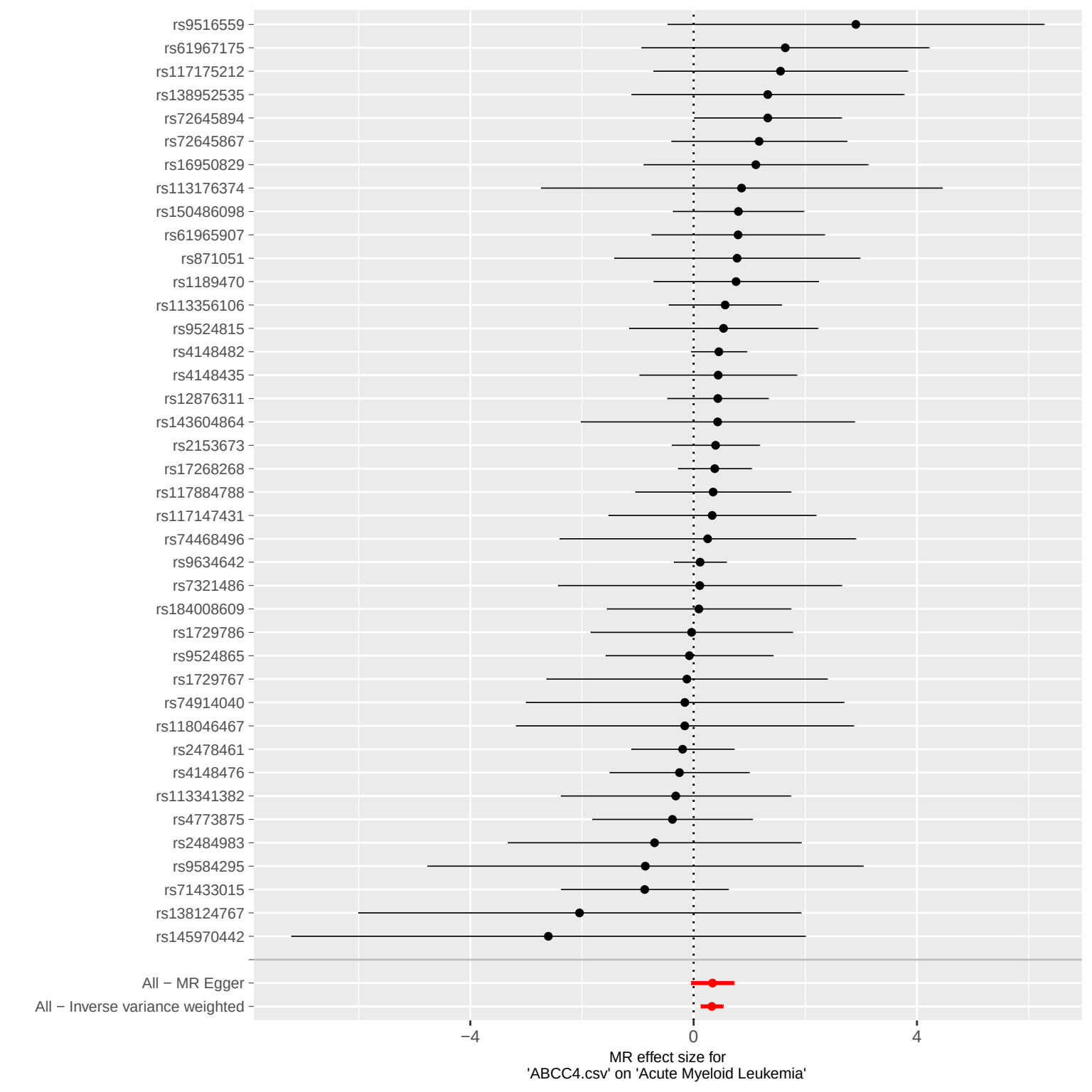
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All − Inverse variance weighted
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MR effect size for
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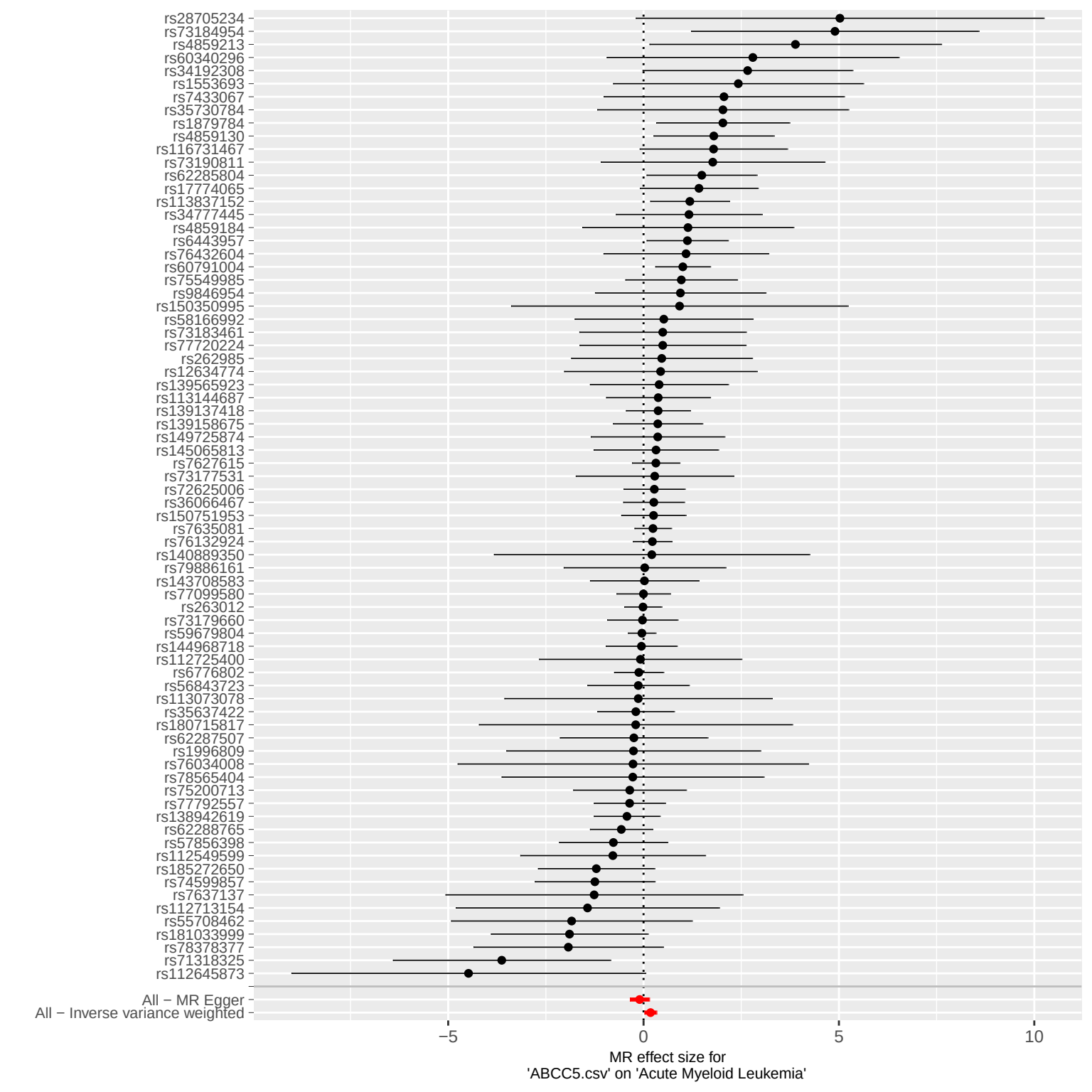
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rs62288765
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rs74599857
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rs112713154
rs55708462
rs181033999
rs78378377
rs71318325
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All − Inverse variance weighted
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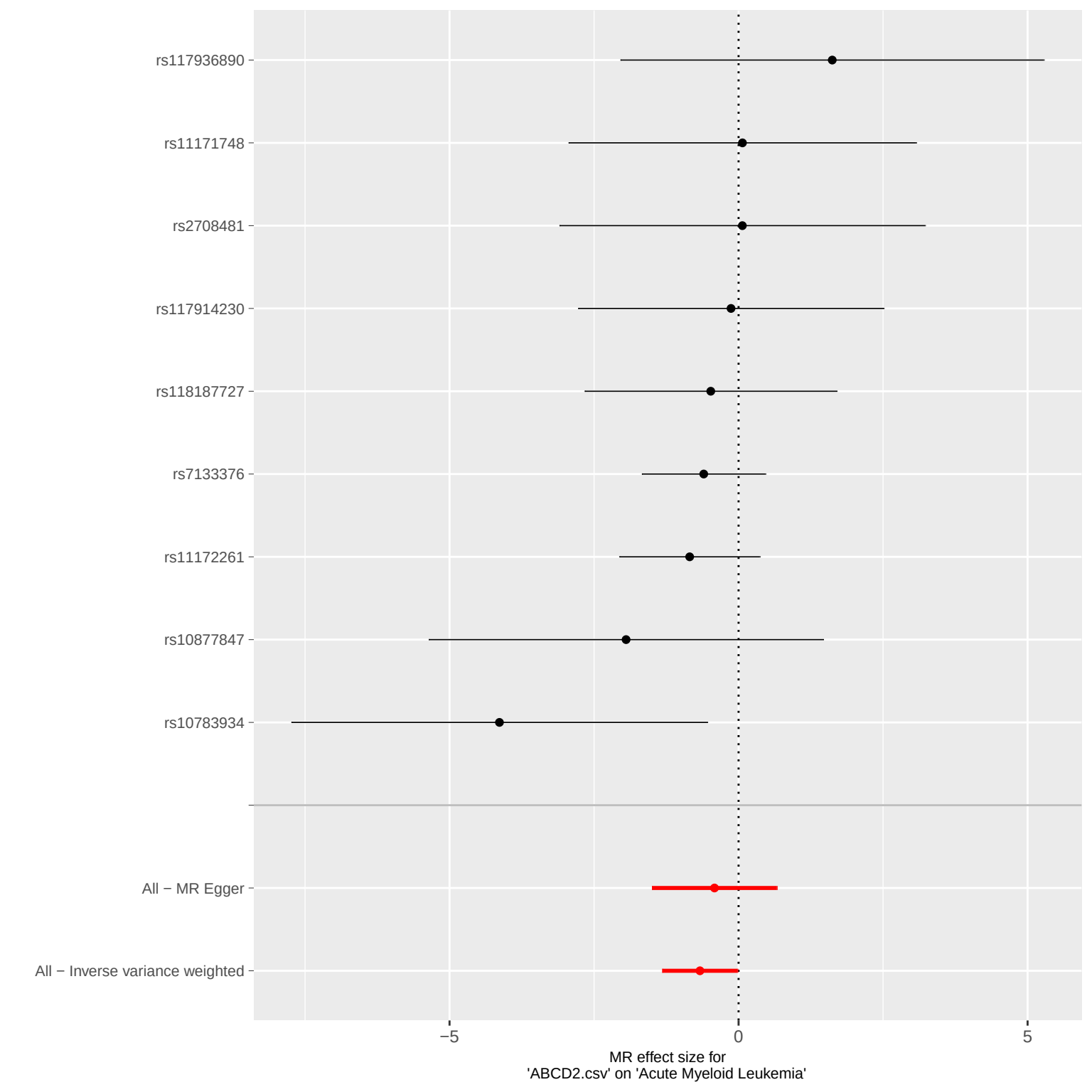
MR effect size for
'ABCC5.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
−5
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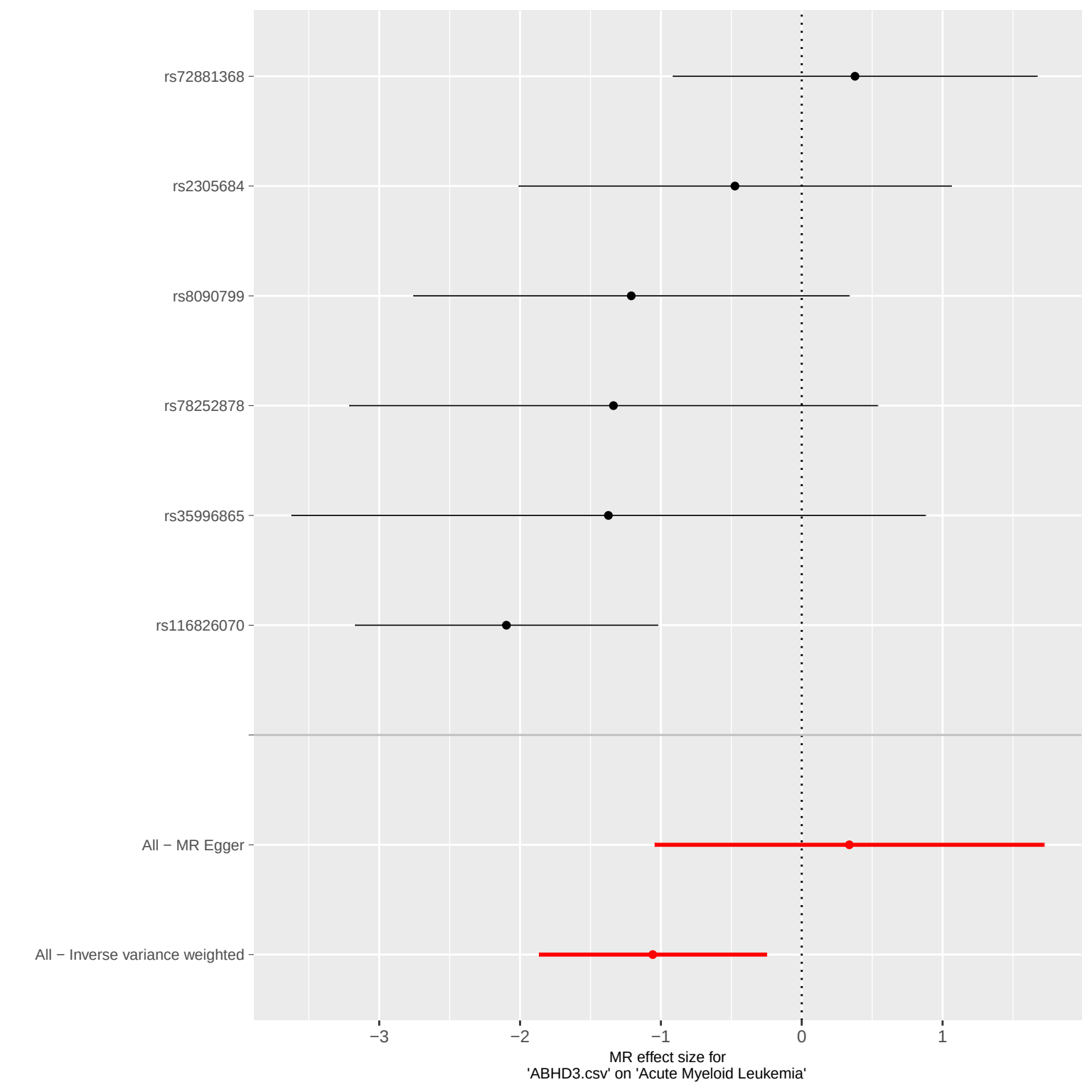
MR effect size for
'ABCD2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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−1
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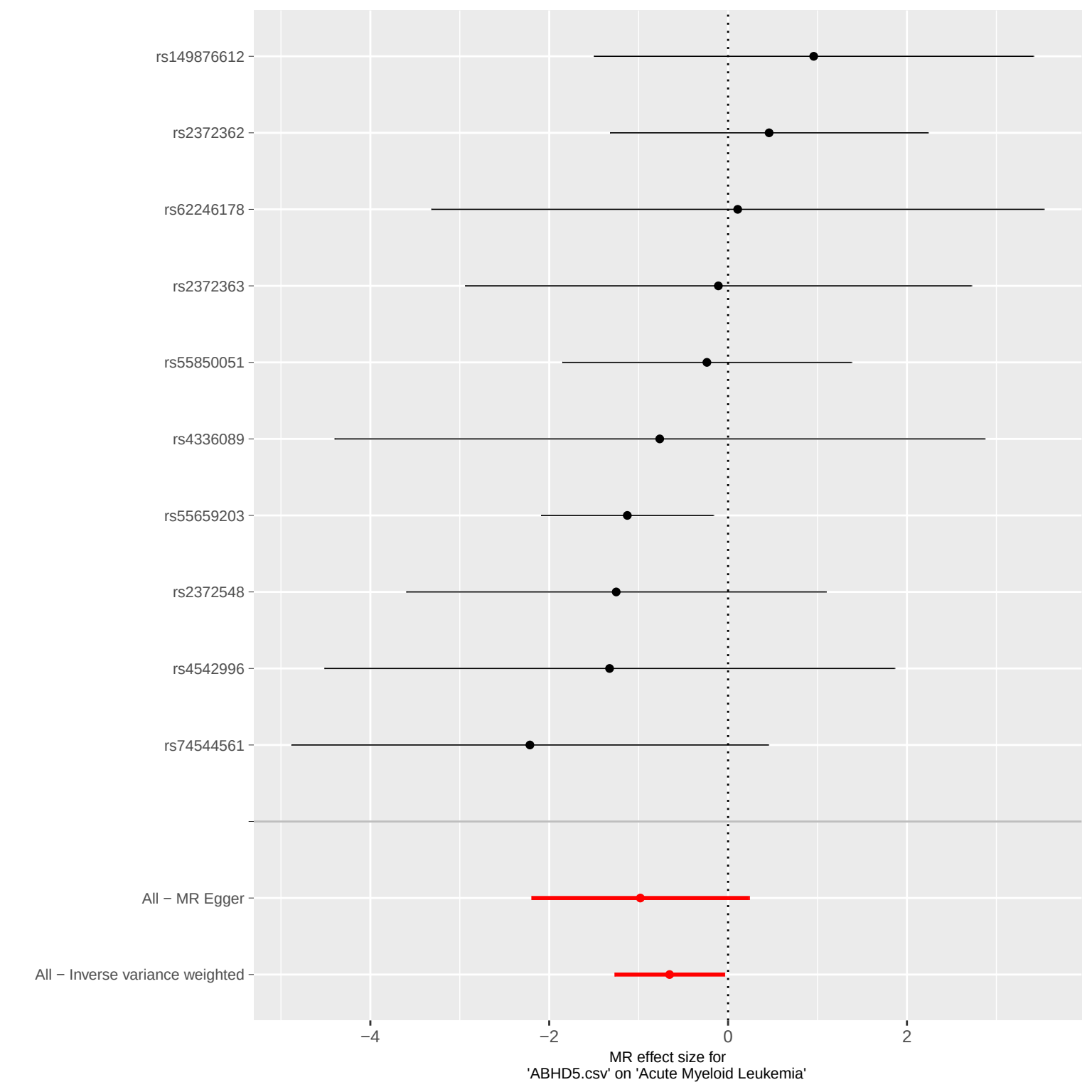
MR effect size for
'ABHD3.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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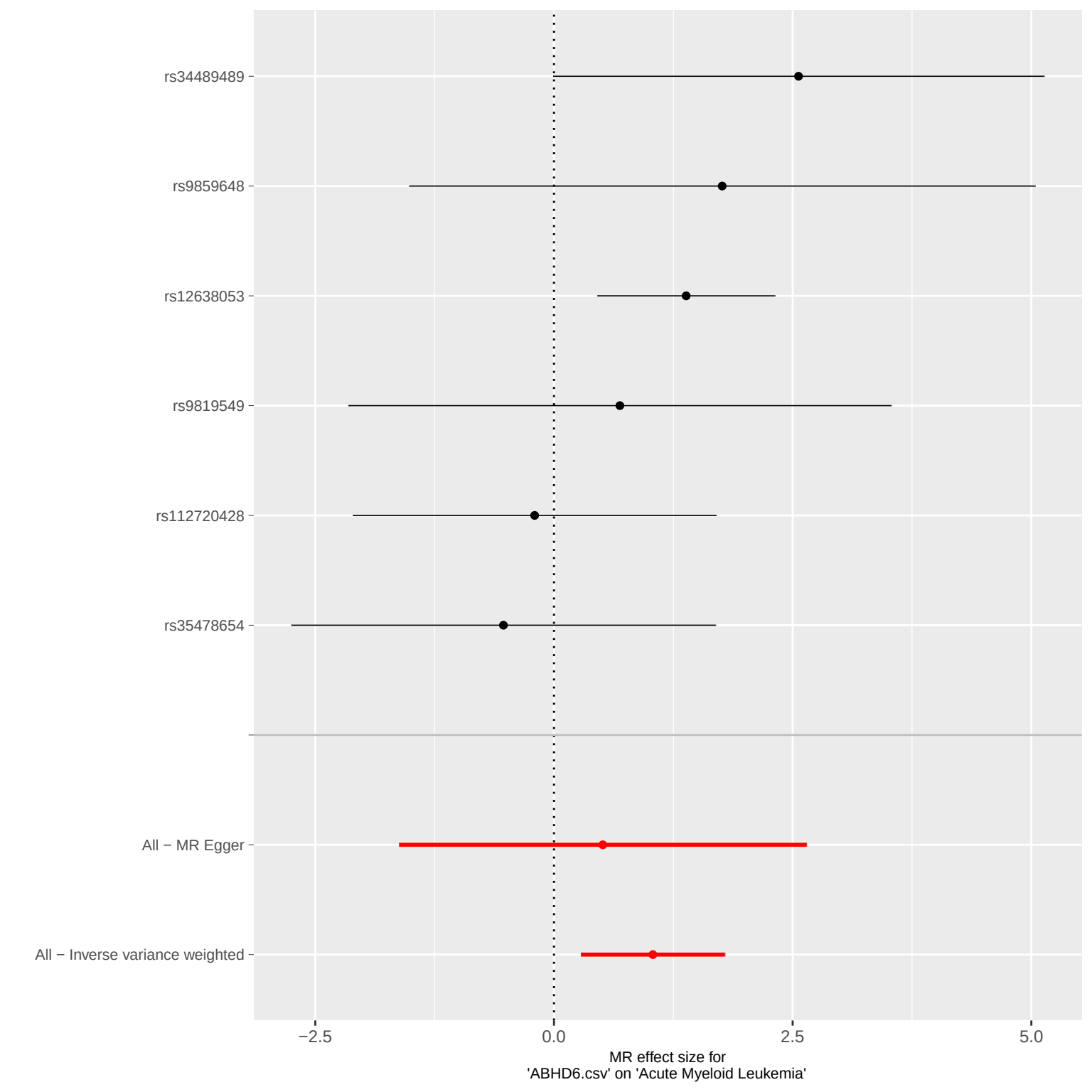
2
MR effect size for
'ABHD5.csv' on 'Acute Myeloid Leukemia'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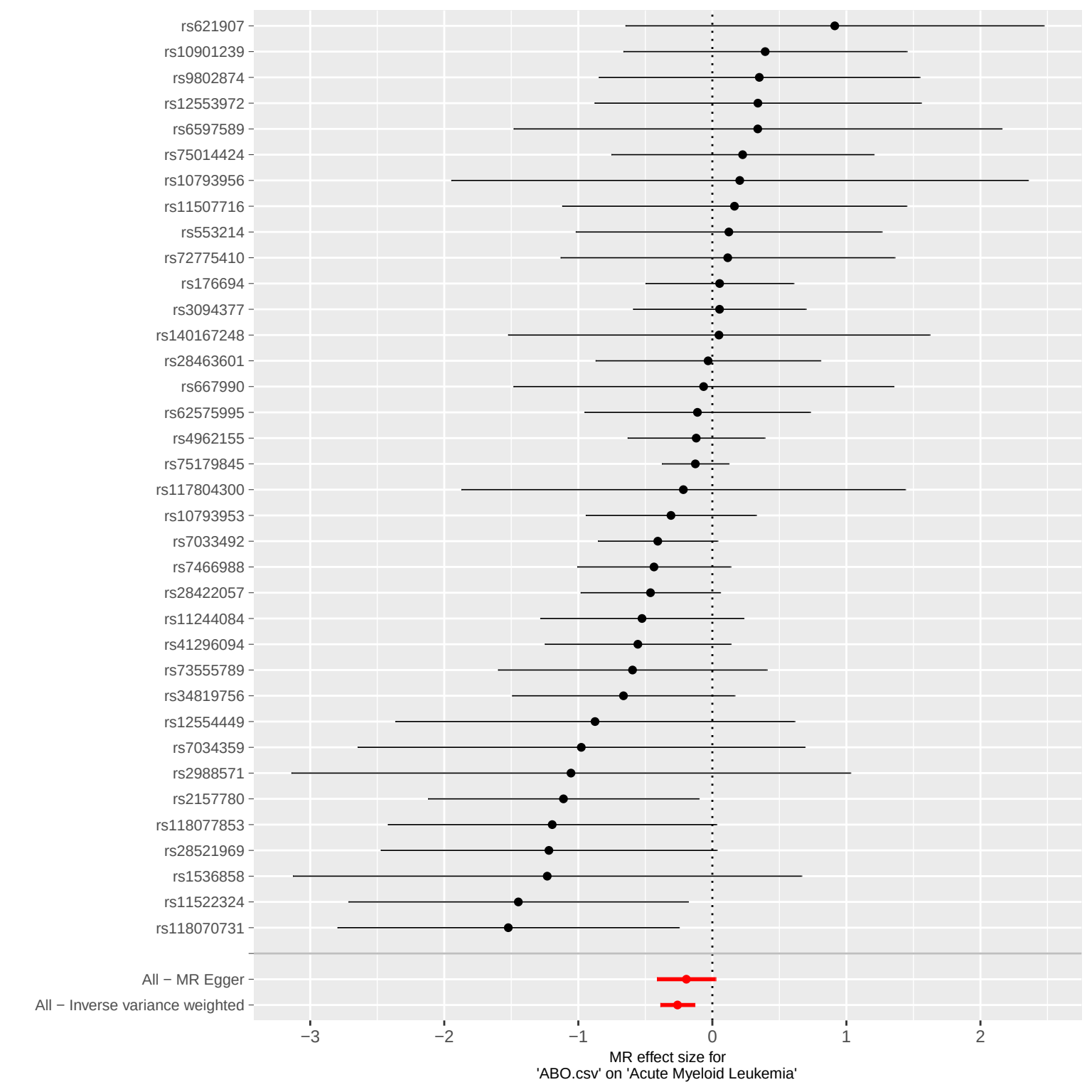
2.5
5.0
MR effect size for
'ABHD6.csv' on 'Acute Myeloid Leukemia'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rs7034359
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rs2157780
rs118077853
rs28521969
rs1536858
rs11522324
rs118070731
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
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1
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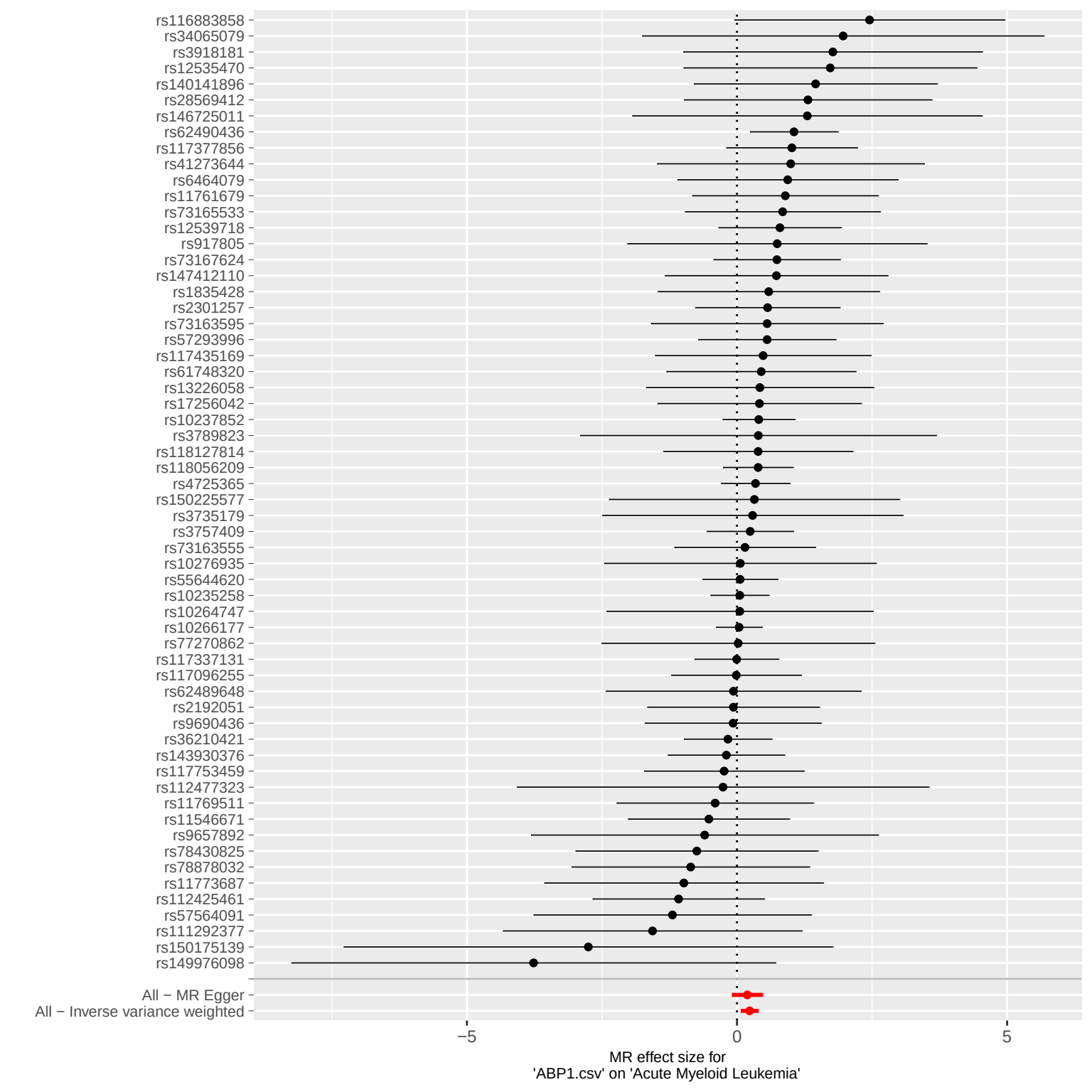
MR effect size for
'ABO.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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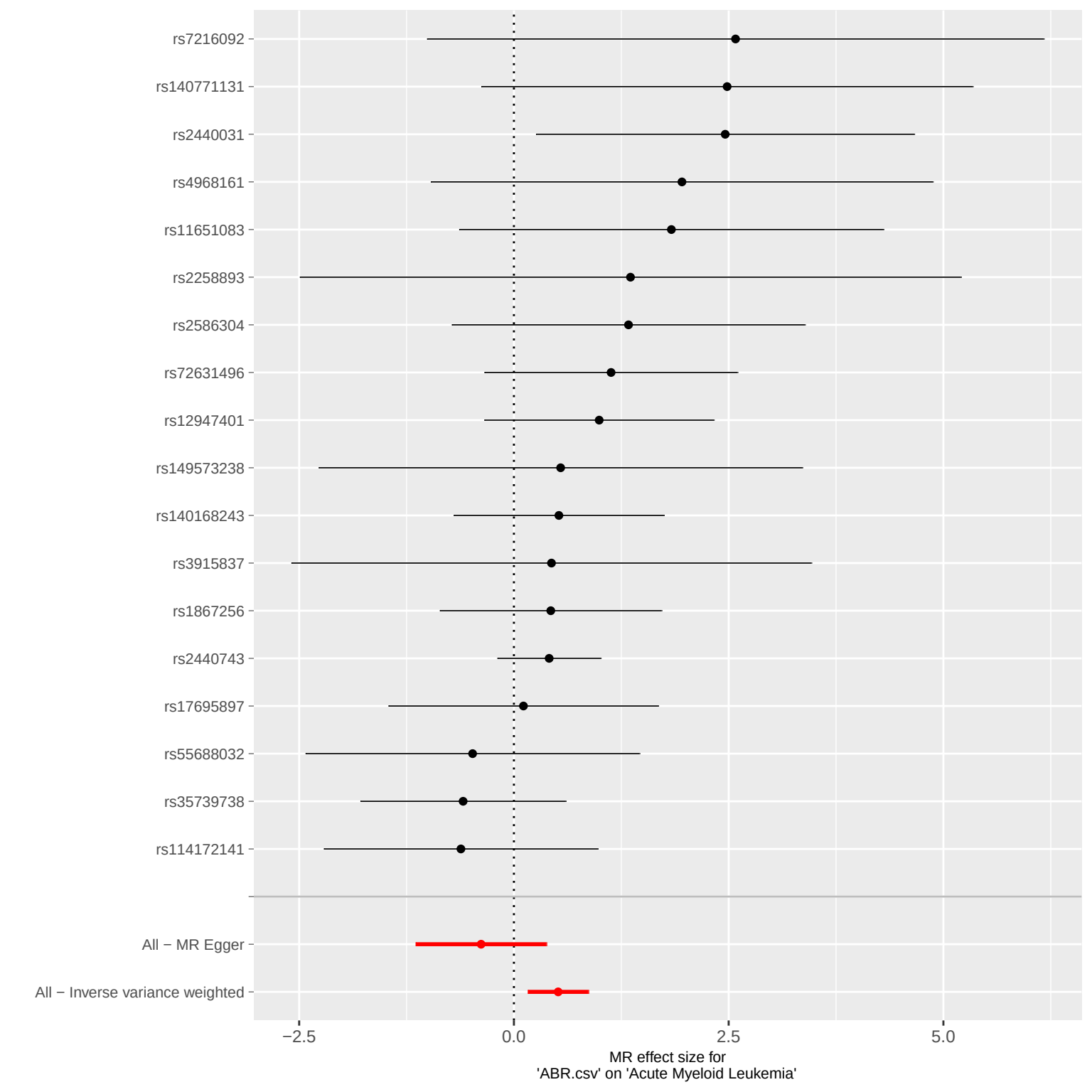
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2.5
5.0
MR effect size for
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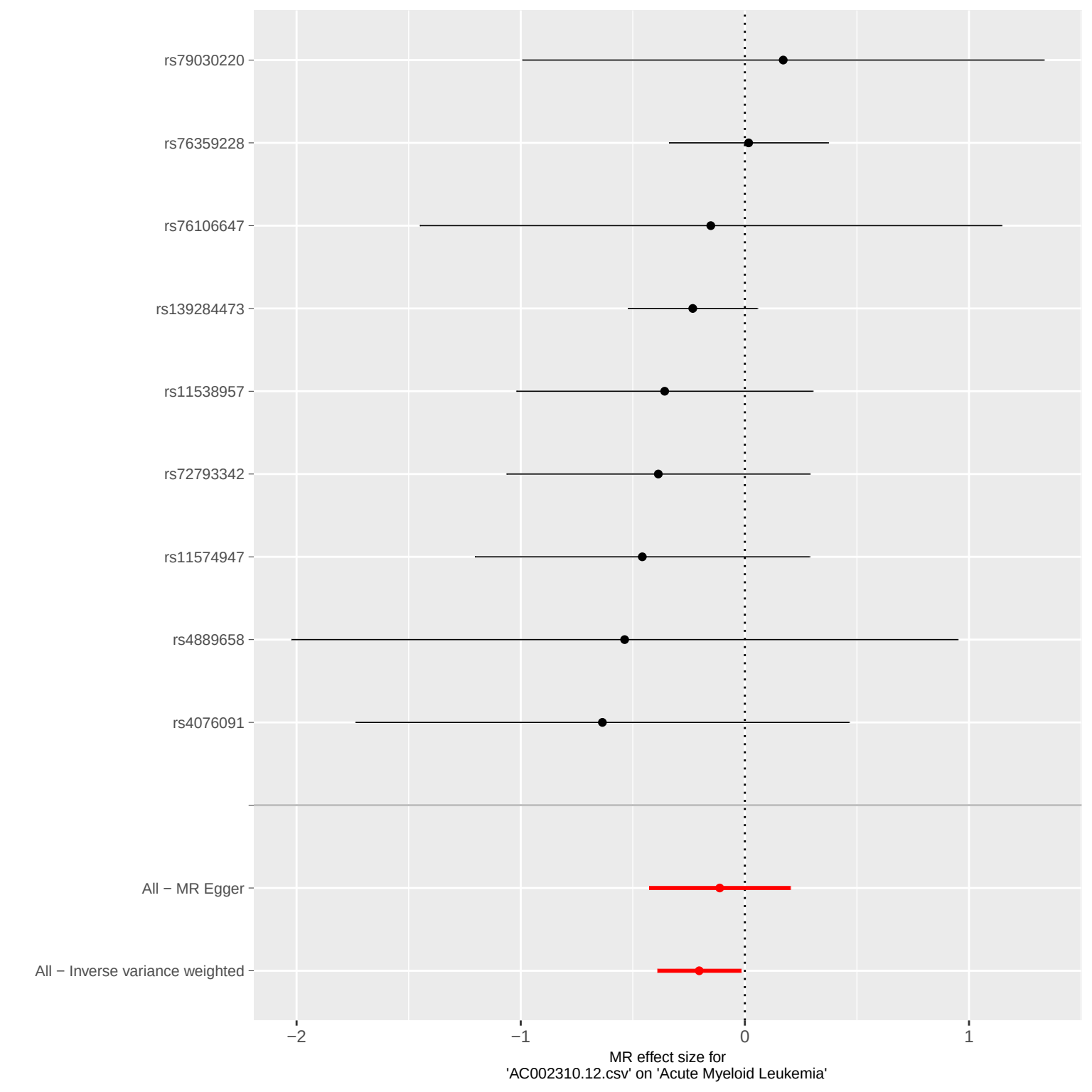
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−1
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MR effect size for
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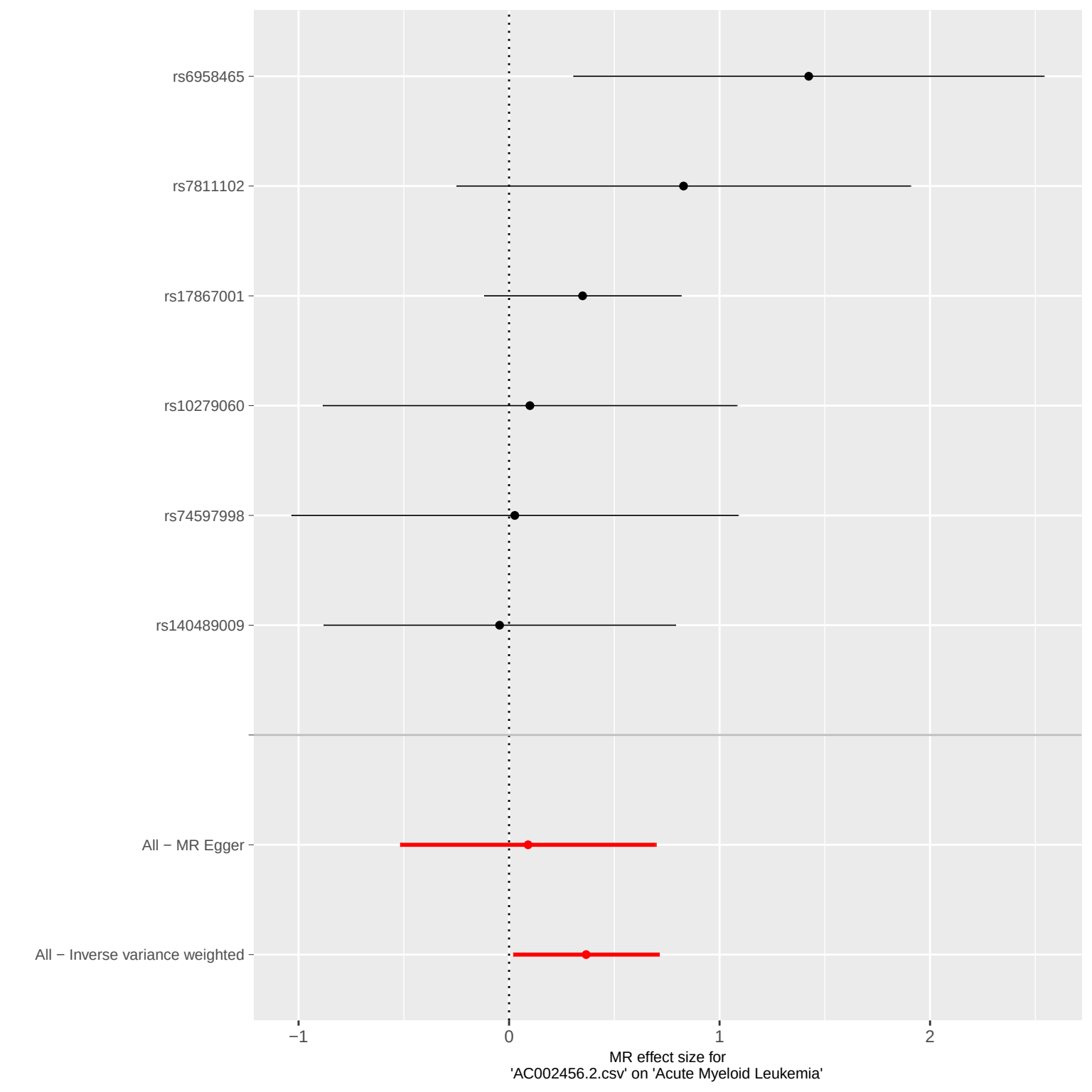
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All − Inverse variance weighted
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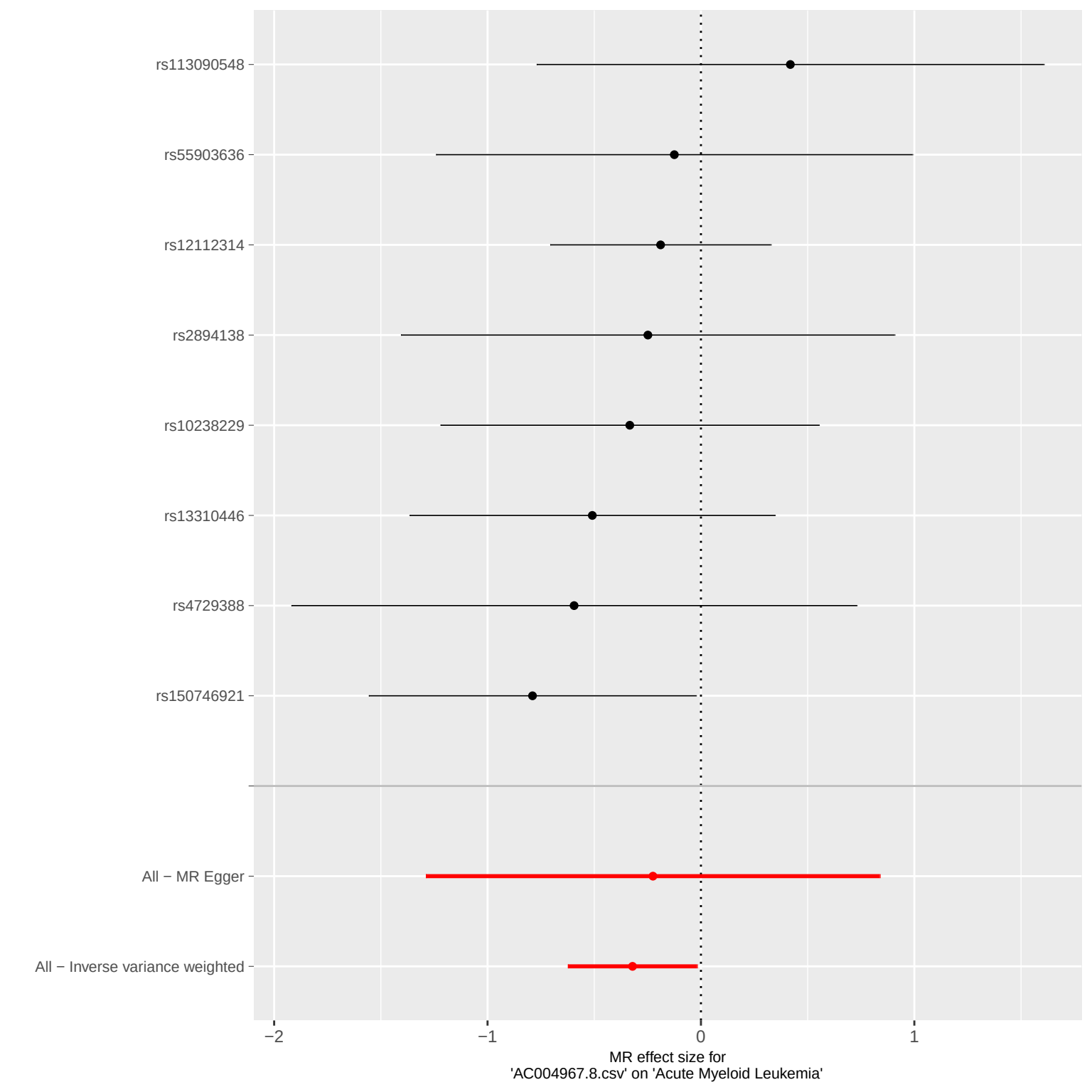
MR effect size for
'AC002456.2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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−1
0
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MR effect size for
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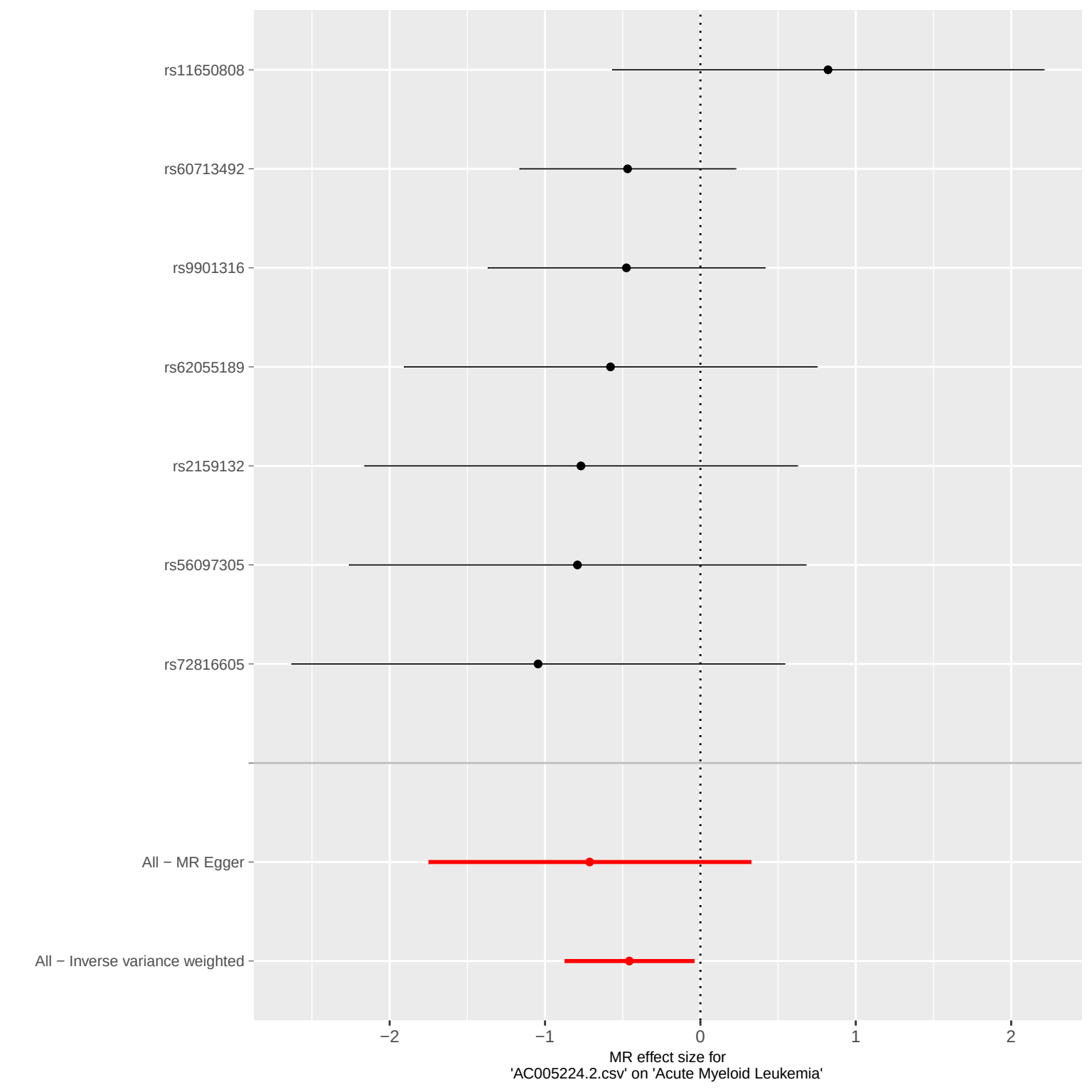
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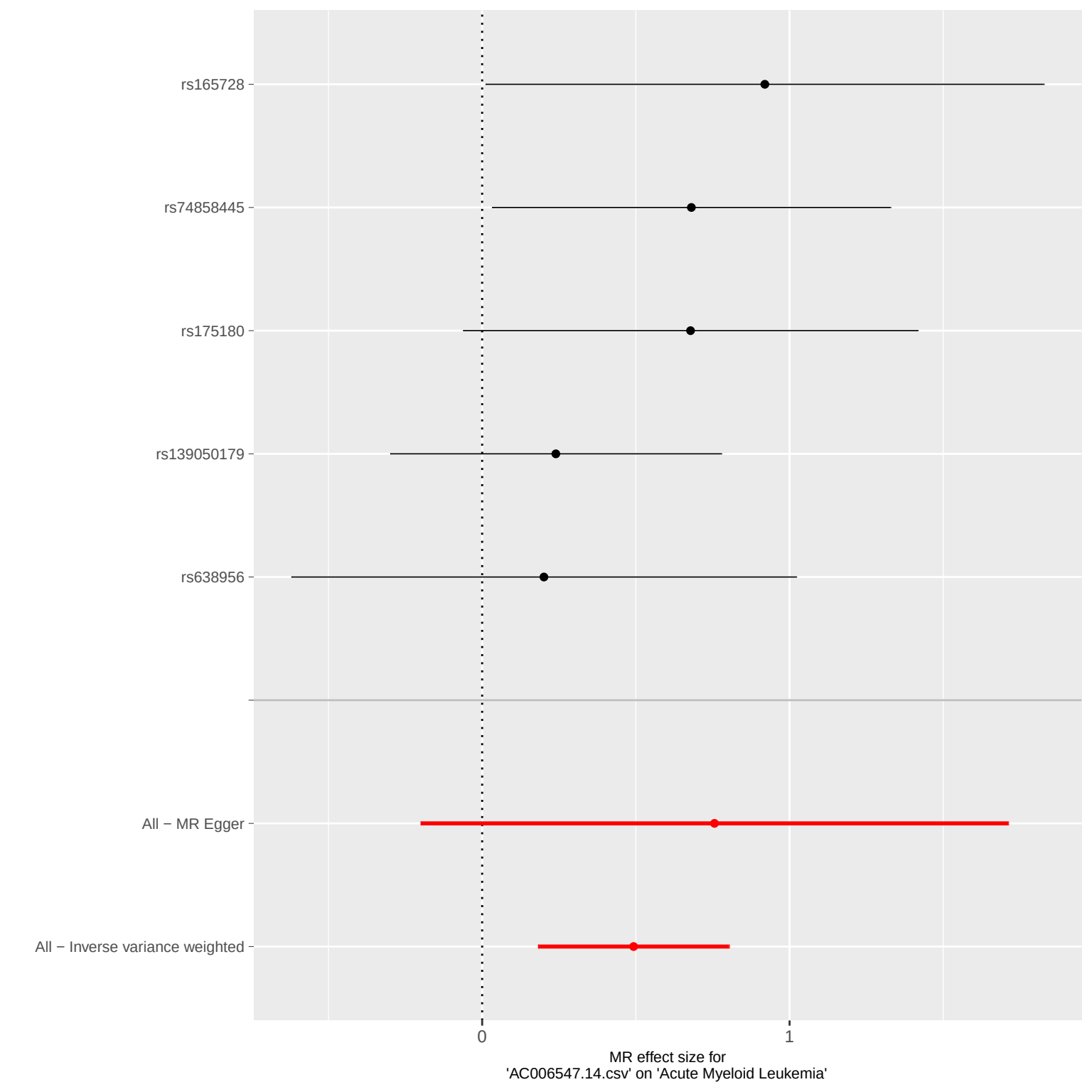
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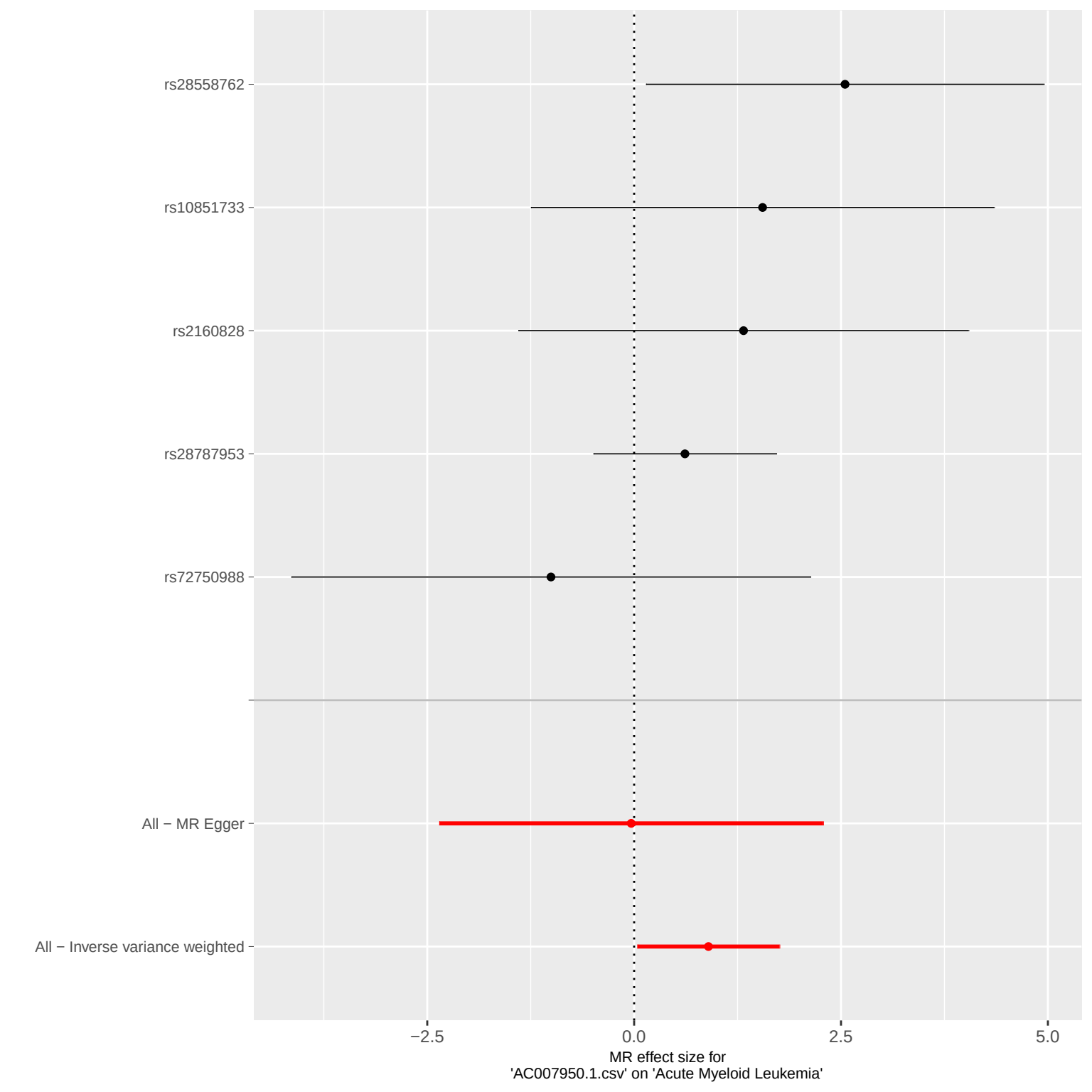
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5.0
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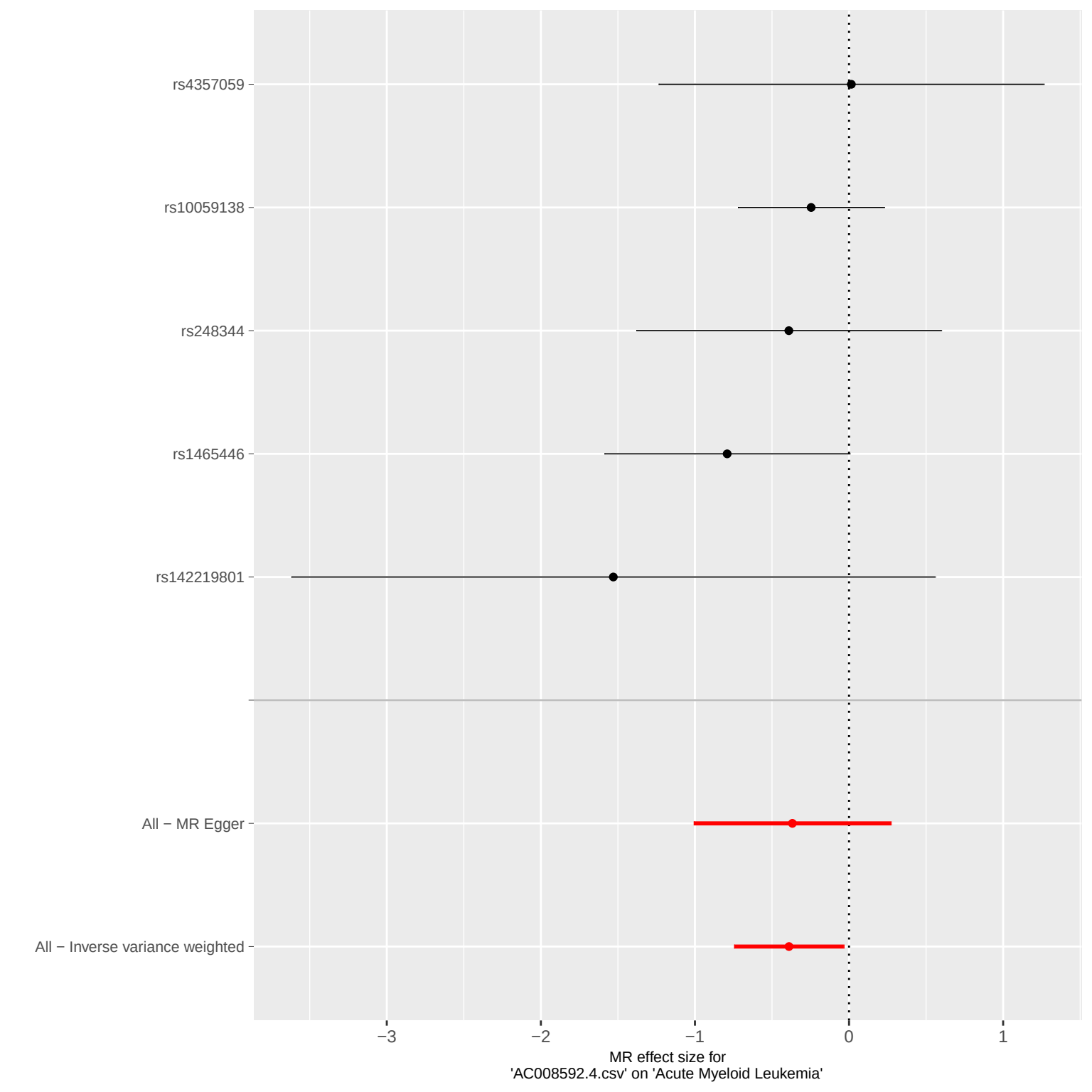
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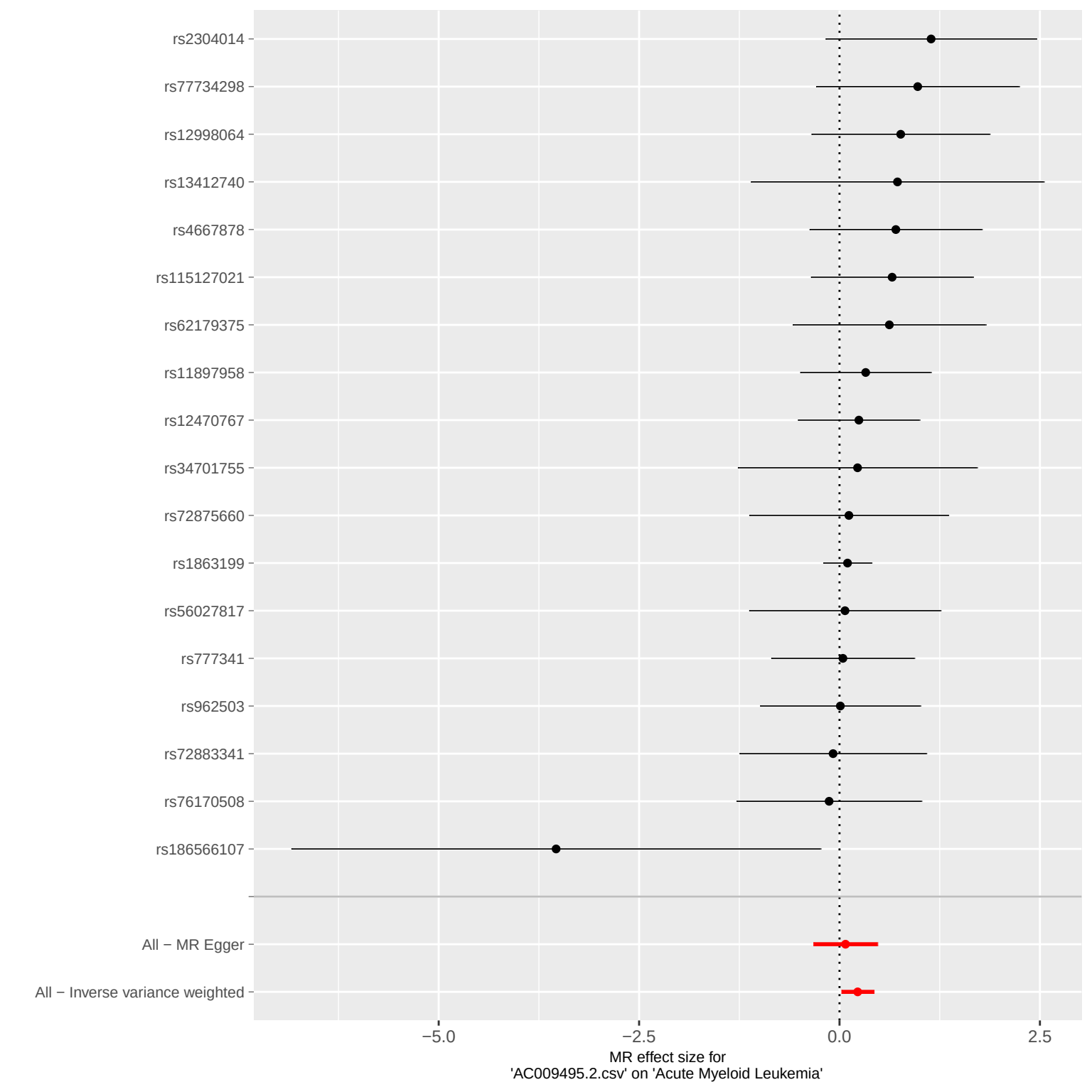
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All − Inverse variance weighted
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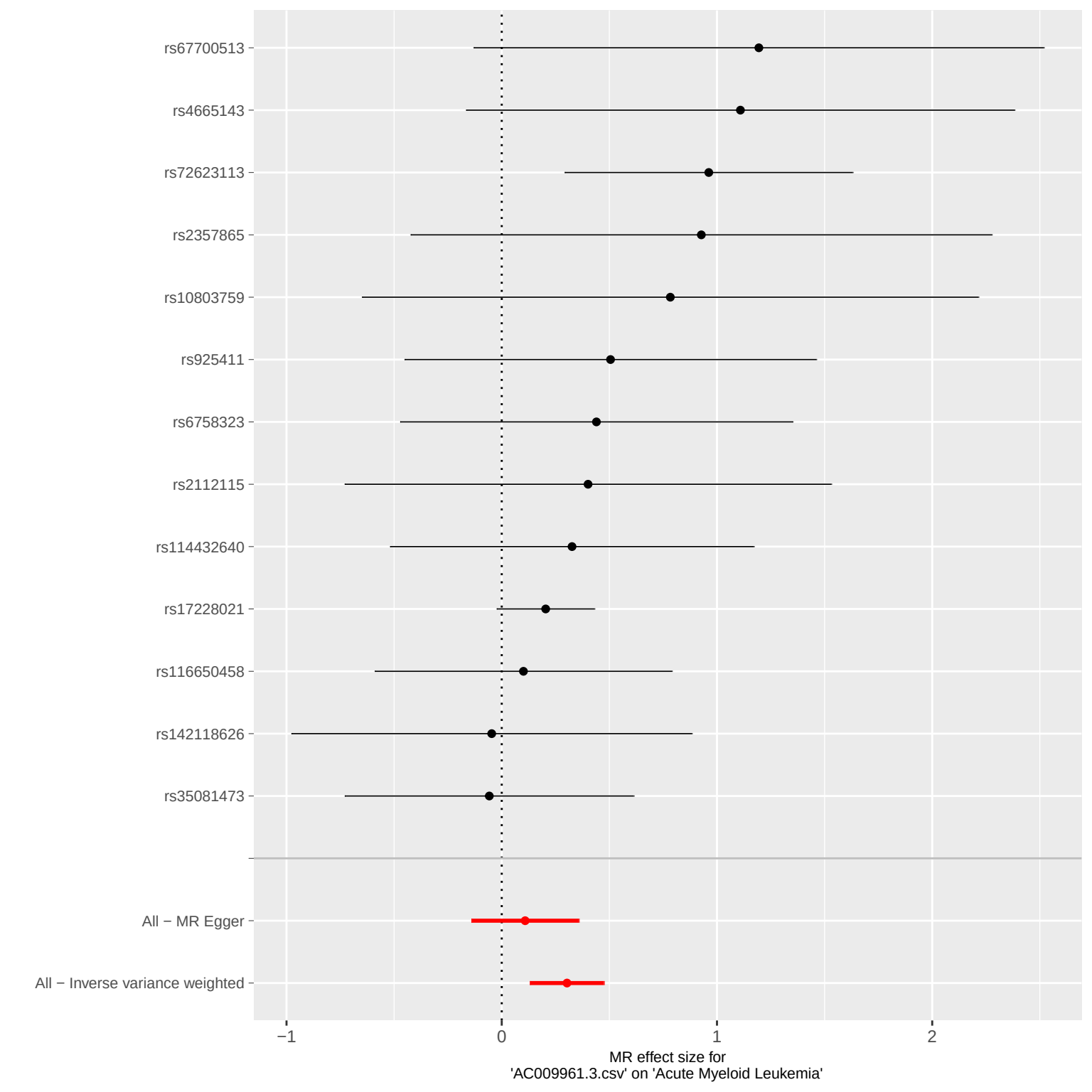
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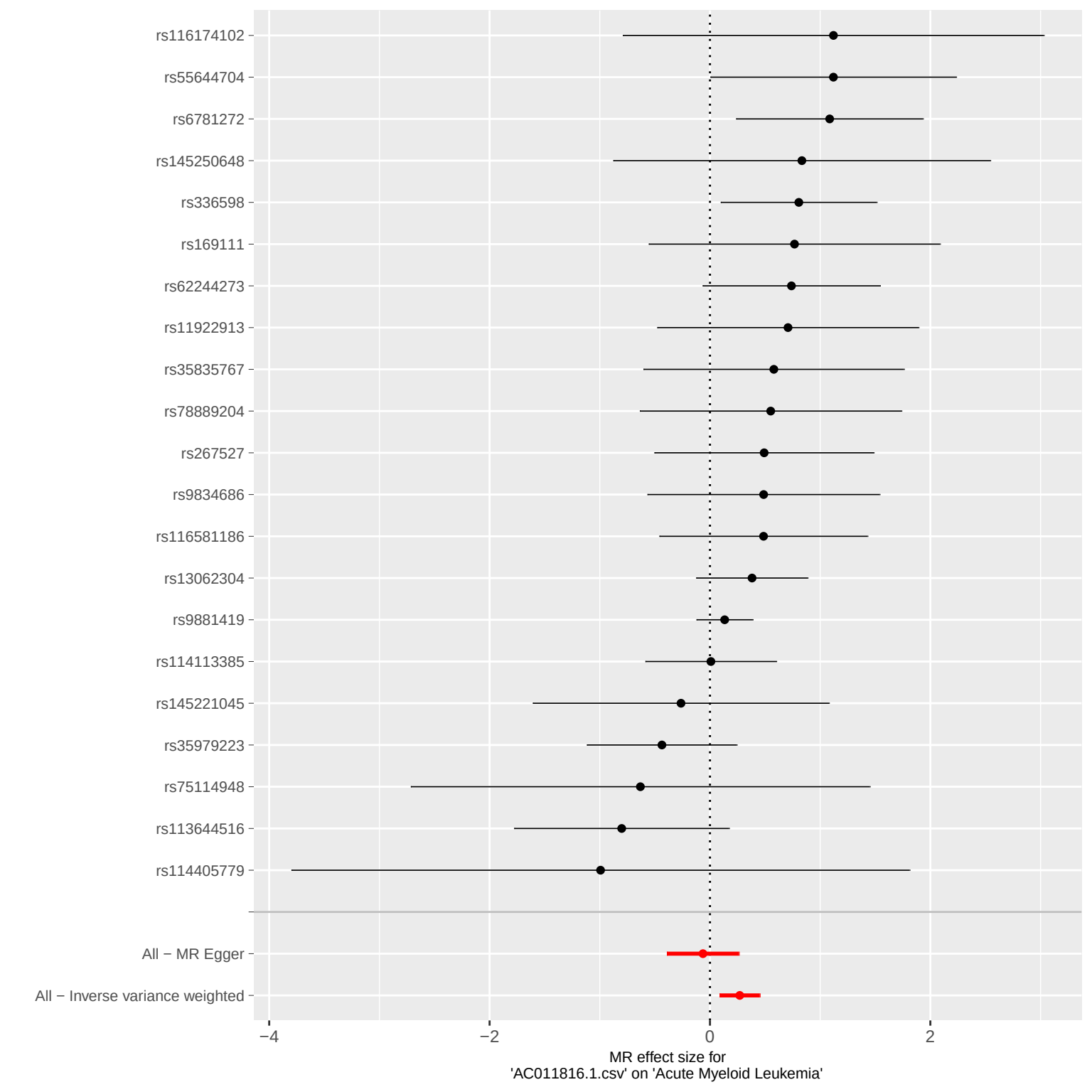
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rs145221045
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All − MR Egger
All − Inverse variance weighted
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−2
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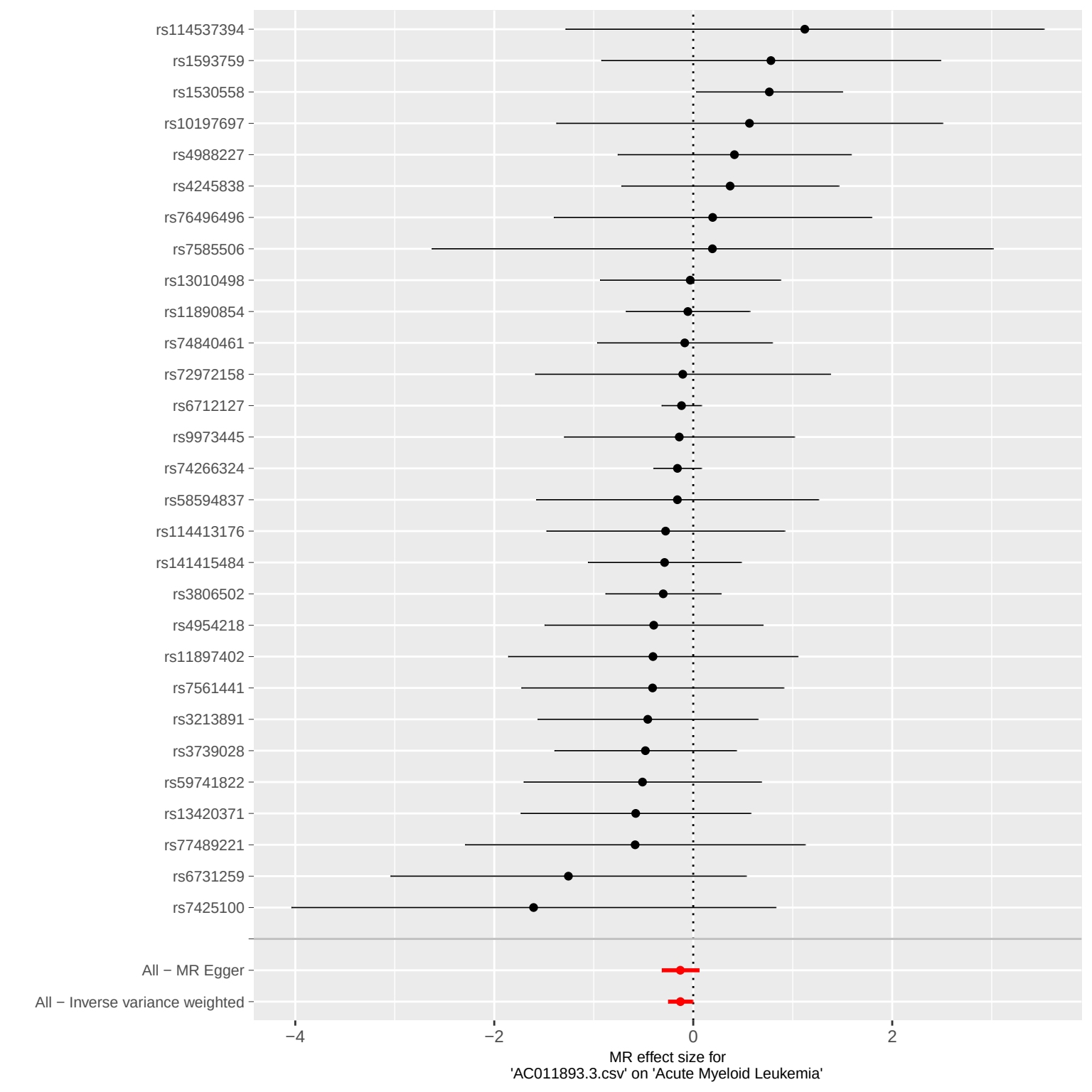
MR effect size for
'AC011816.1.csv' on 'Acute Myeloid Leukemia'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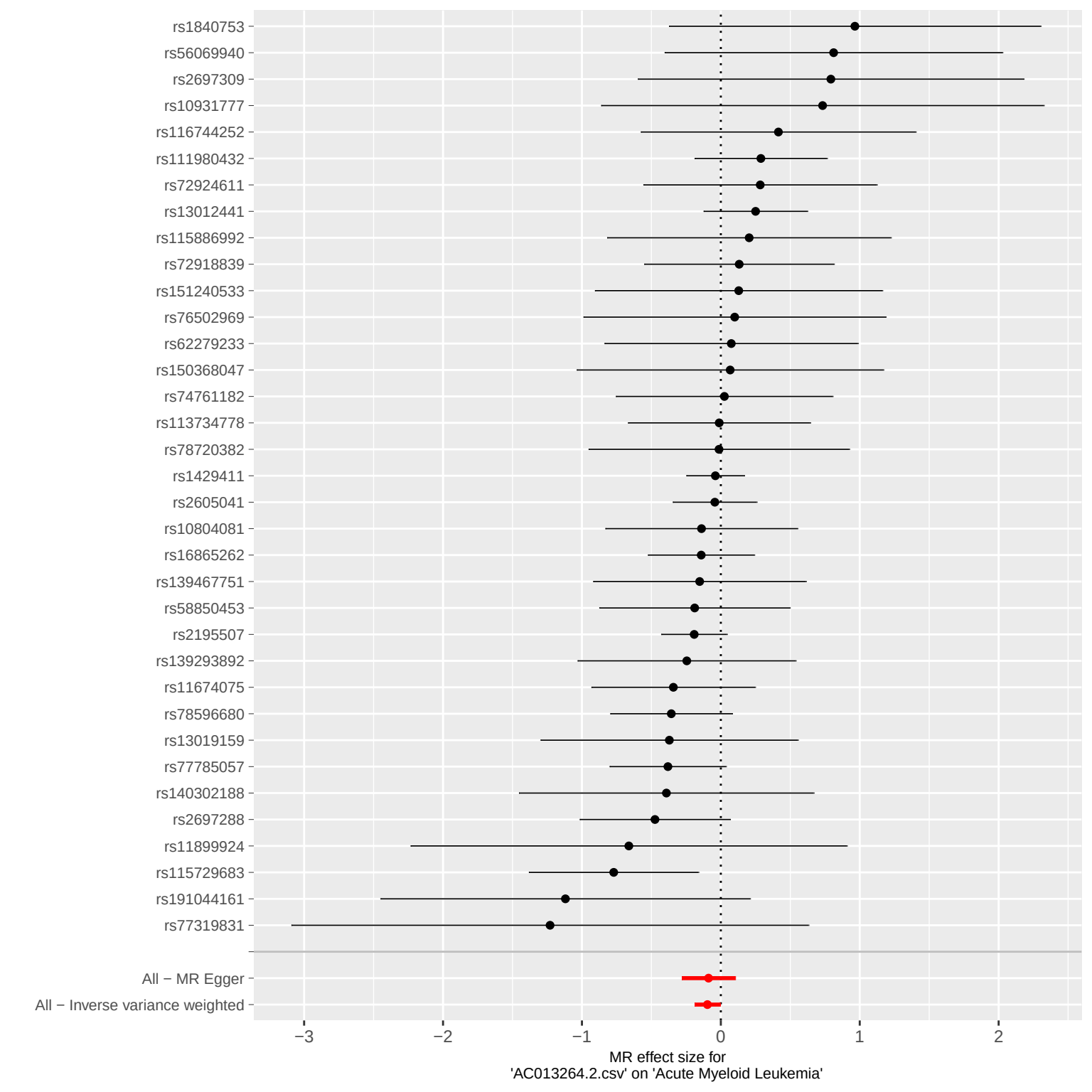
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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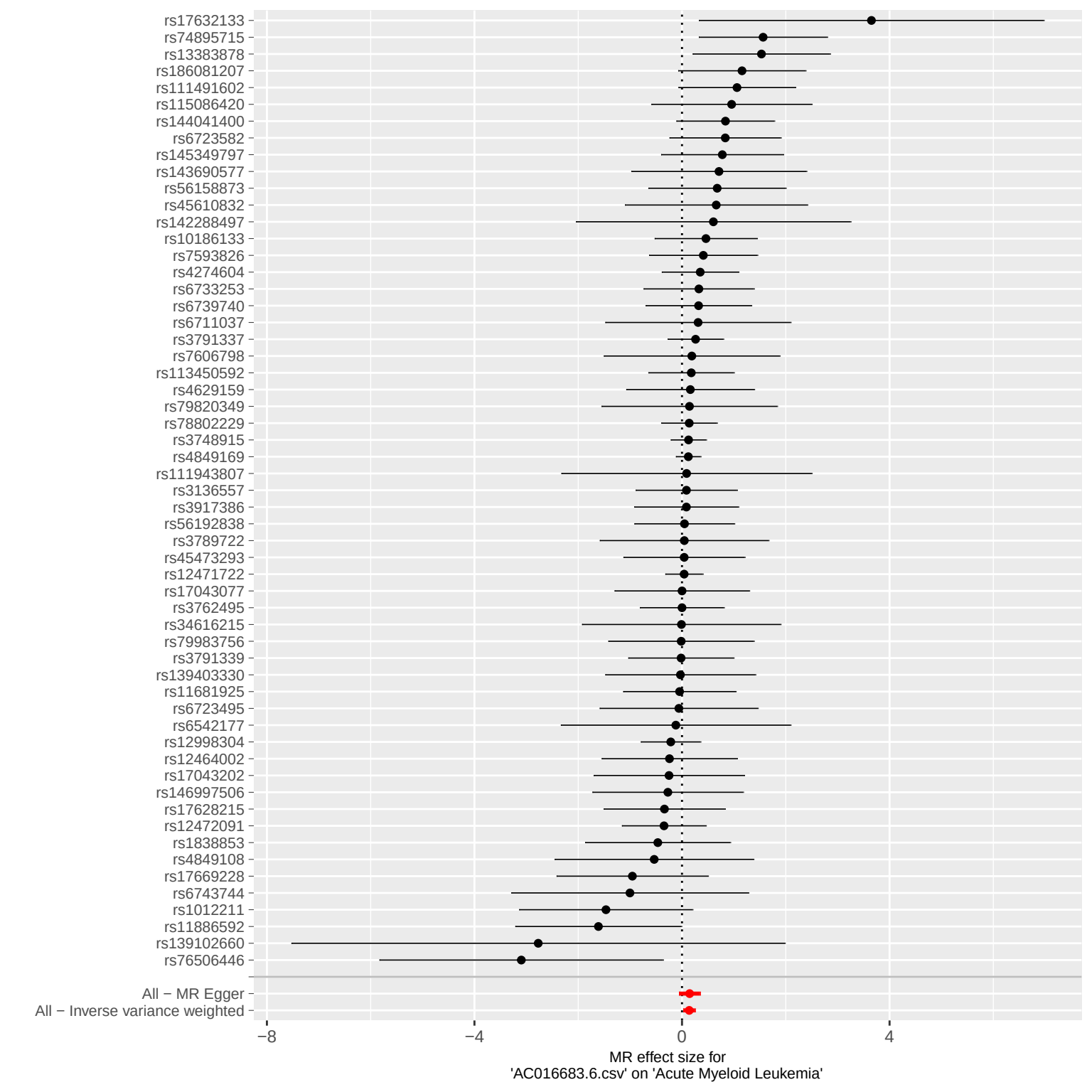
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MR effect size for
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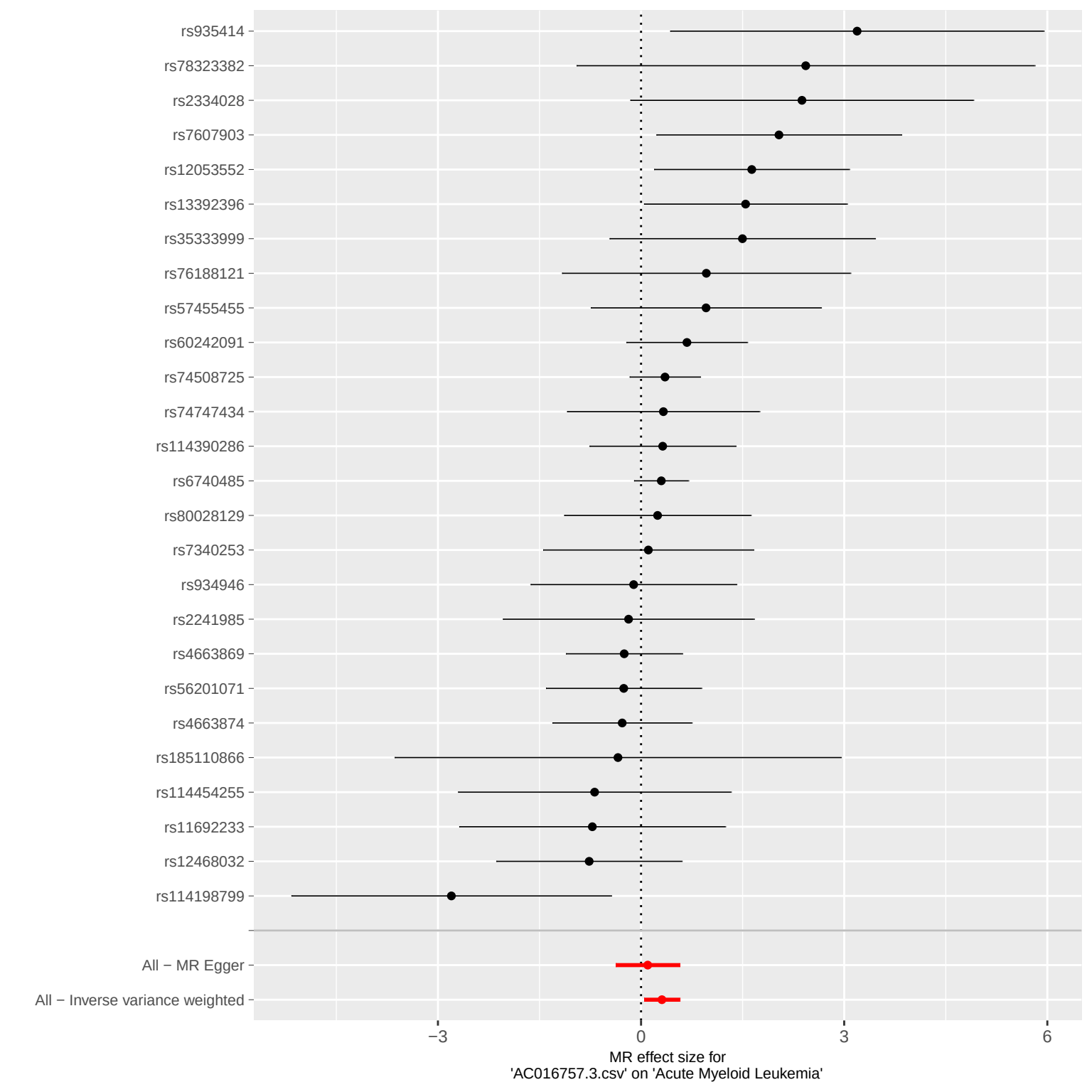
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rs934946
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All − Inverse variance weighted
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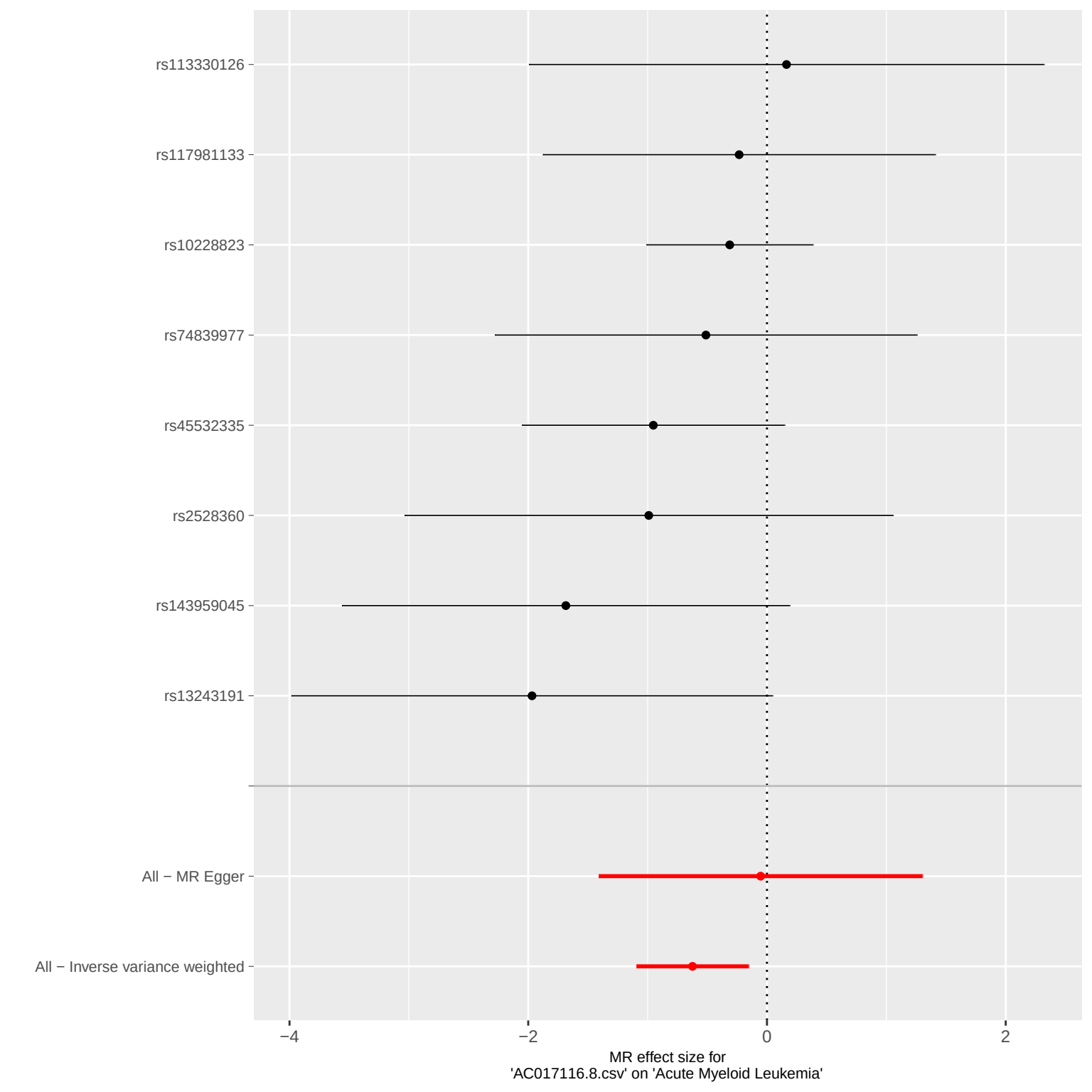
MR effect size for
'AC016757.3.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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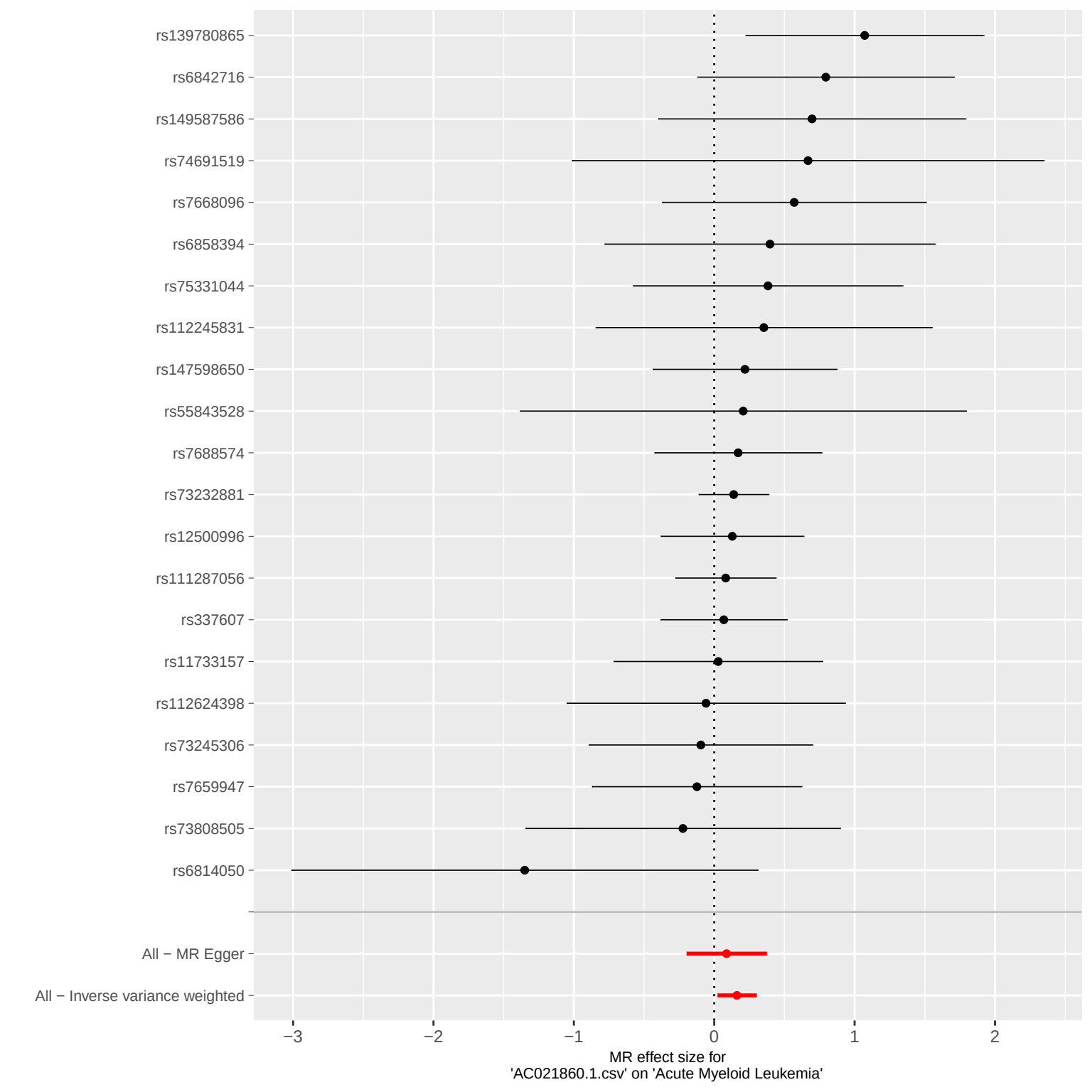
MR effect size for
'AC017116.8.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
−1
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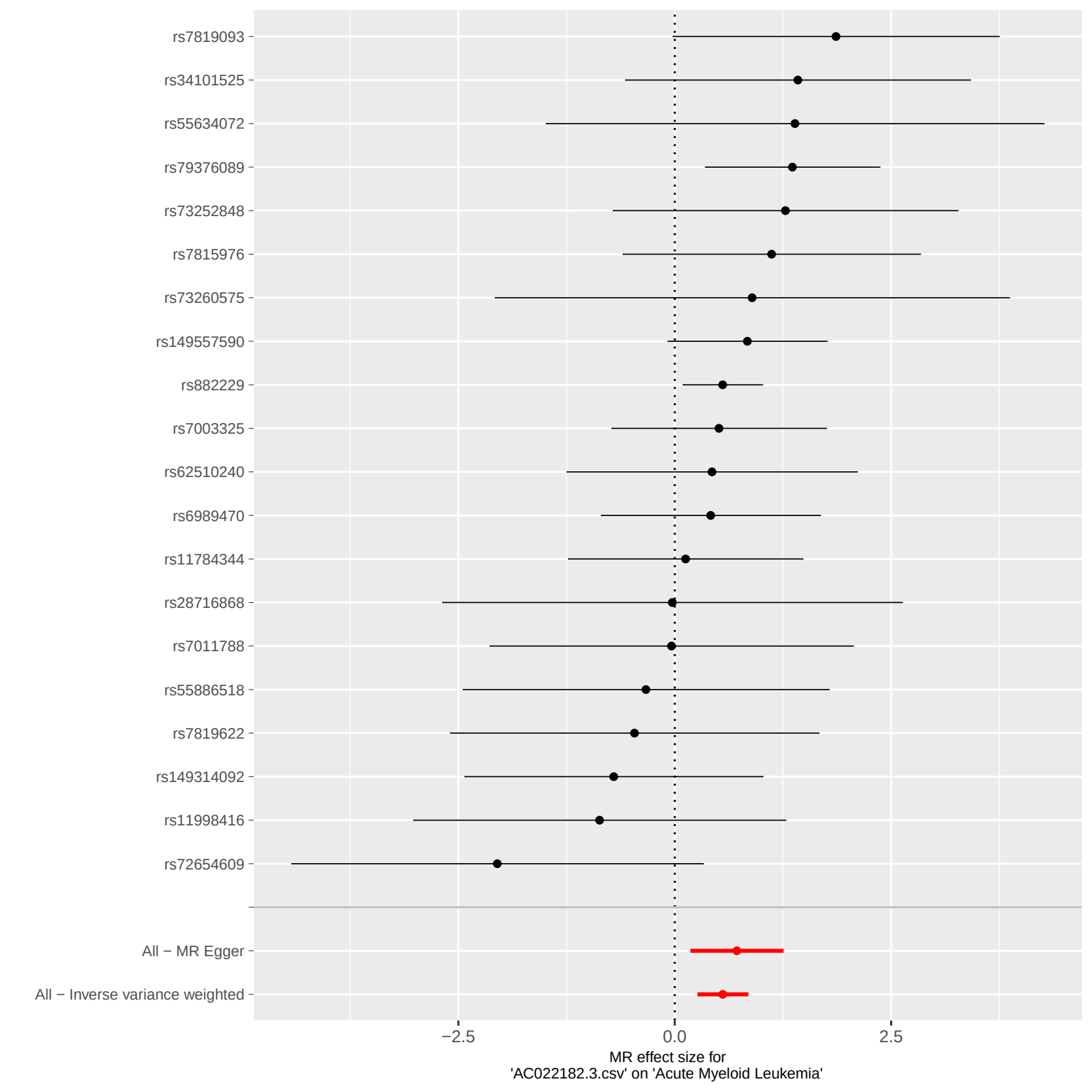
1
2
MR effect size for
'AC021860.1.csv' on 'Acute Myeloid Leukemia'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rs62510240
rs6989470
rs11784344
rs28716868
rs7011788
rs55886518
rs7819622
rs149314092
rs11998416
rs72654609
All − MR Egger
All − Inverse variance weighted
−2.5
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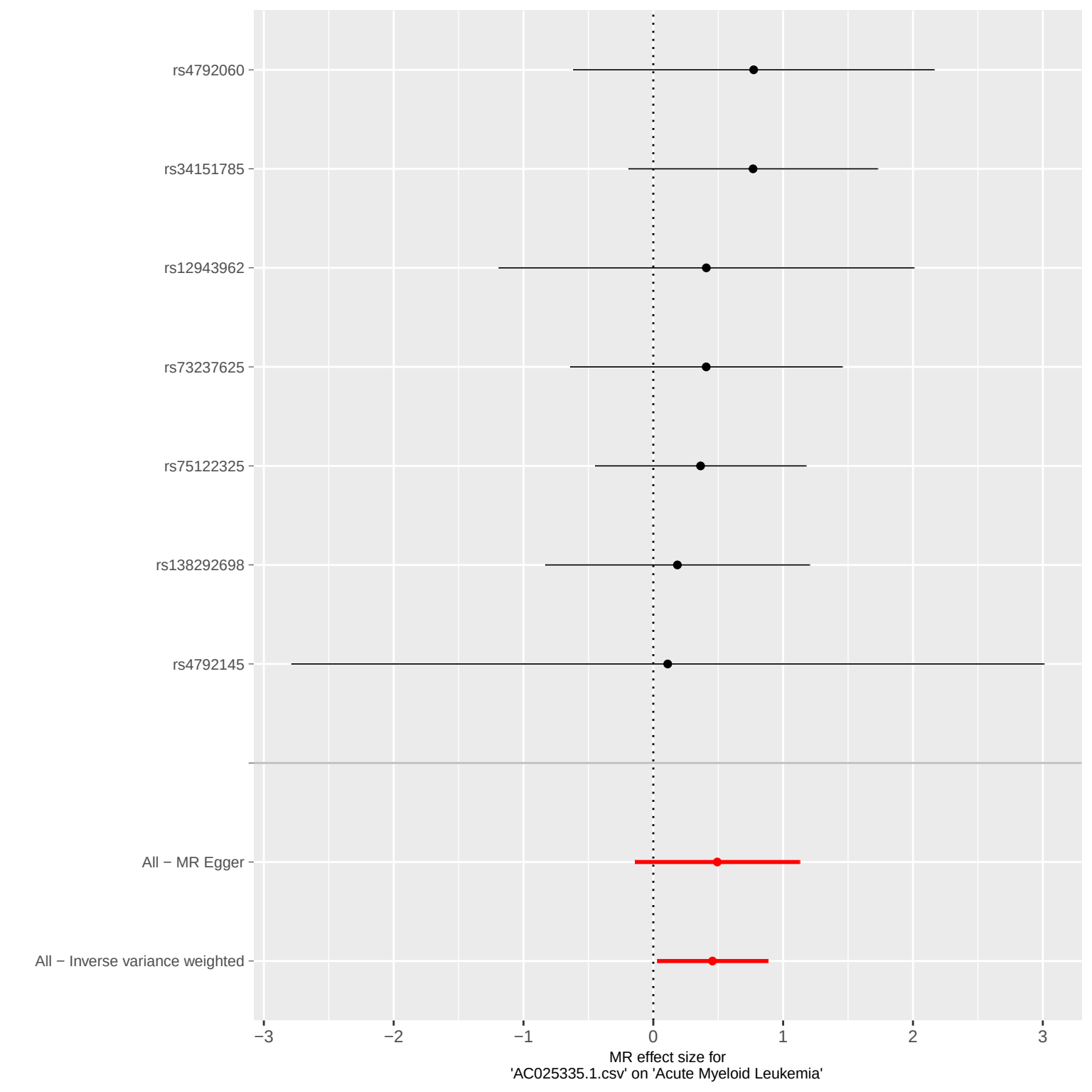
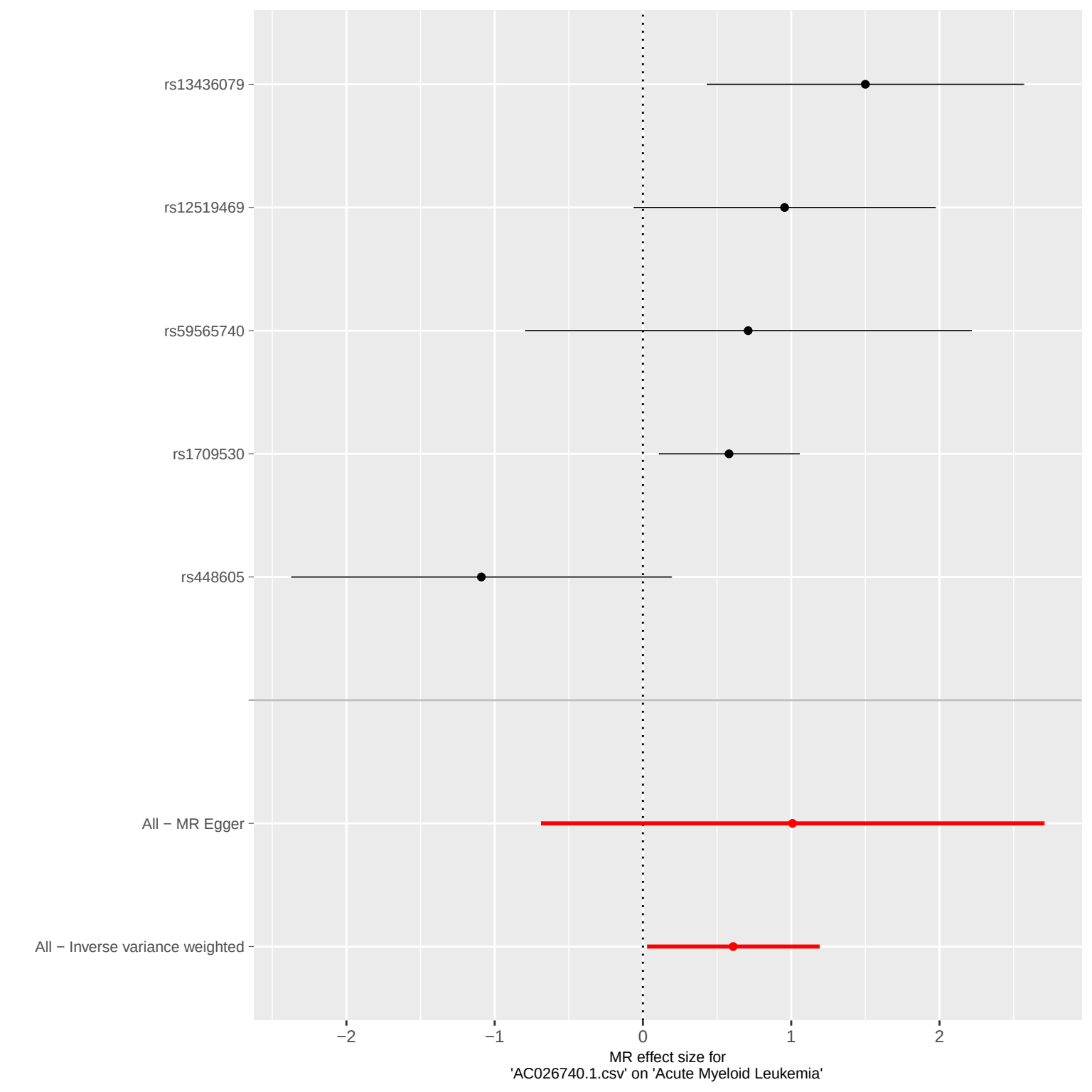
2.5
MR effect size for
'AC022182.3.csv' on 'Acute Myeloid Leukemia'


rs4792060
rs34151785
rs12943962
rs73237625
rs75122325
rs138292698
rs4792145
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'AC025335.1.csv' on 'Acute Myeloid Leukemia'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rs12519469
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rs1709530
rs448605
All − MR Egger
All − Inverse variance weighted
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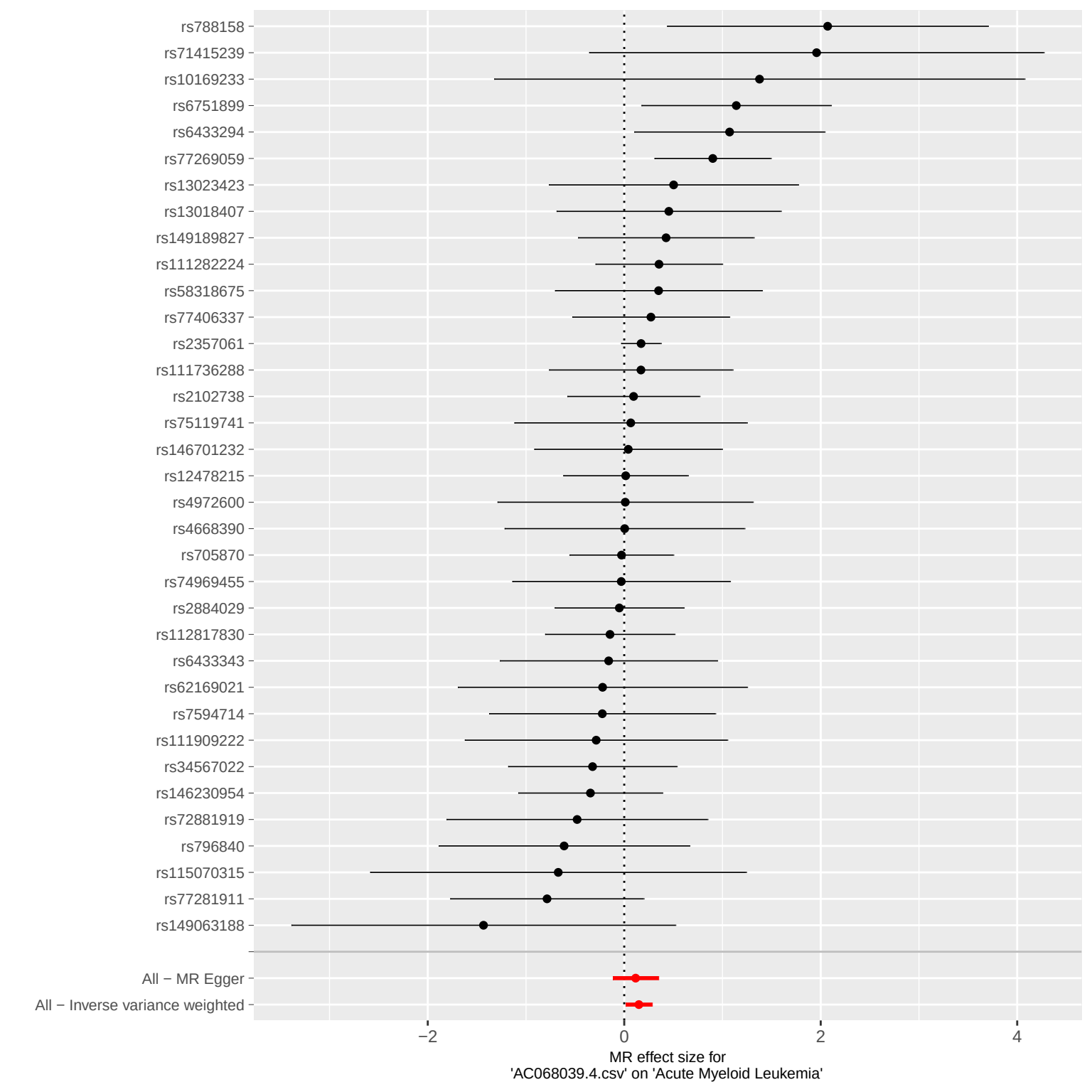
−1
0
1
2
MR effect size for
'AC026740.1.csv' on 'Acute Myeloid Leukemia'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rs6433343
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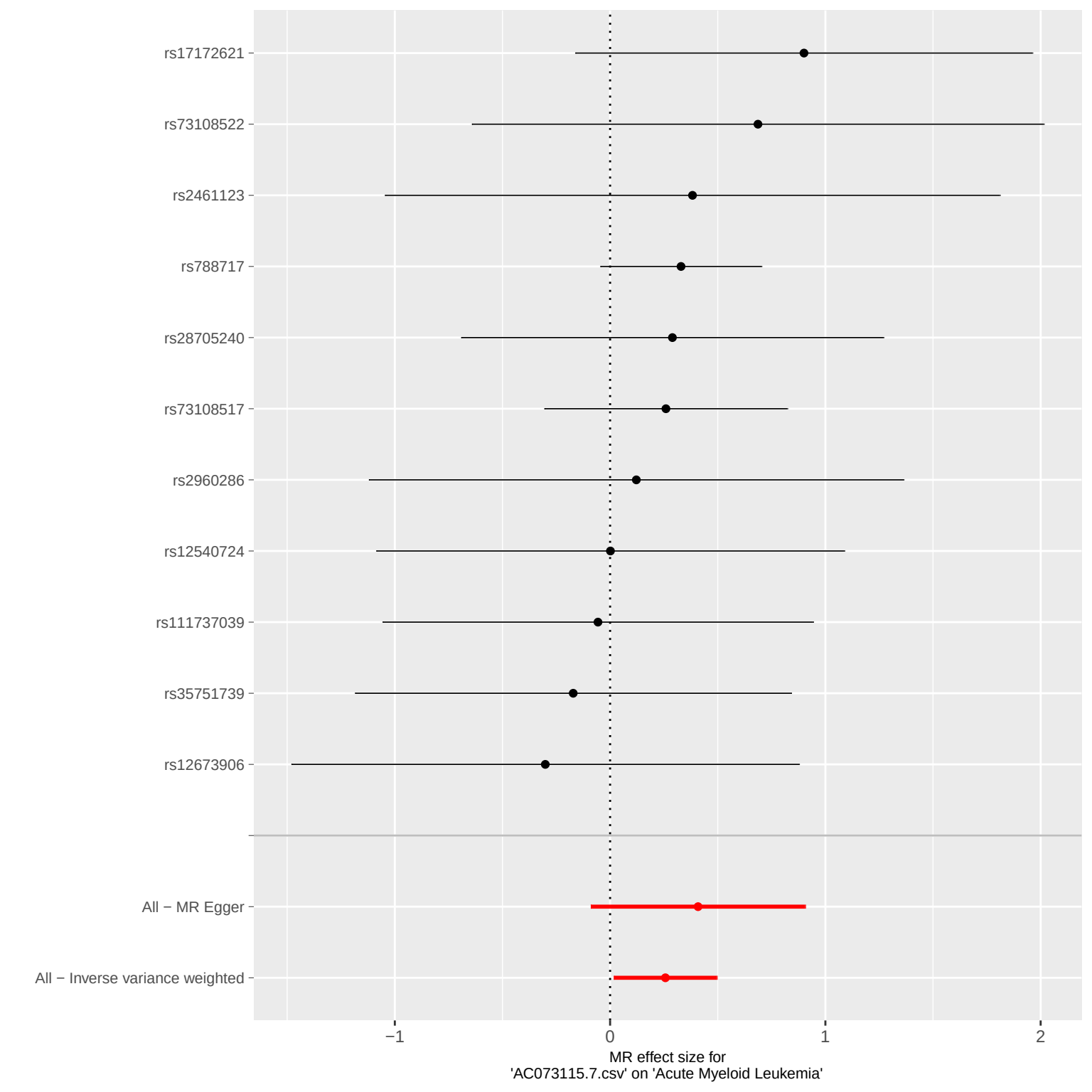
rs7594714
rs111909222
rs34567022
rs146230954
rs72881919
rs796840
rs115070315
rs77281911
rs149063188
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'AC068039.4.csv' on 'Acute Myeloid Leukemia'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rs35751739
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All − MR Egger
All − Inverse variance weighted
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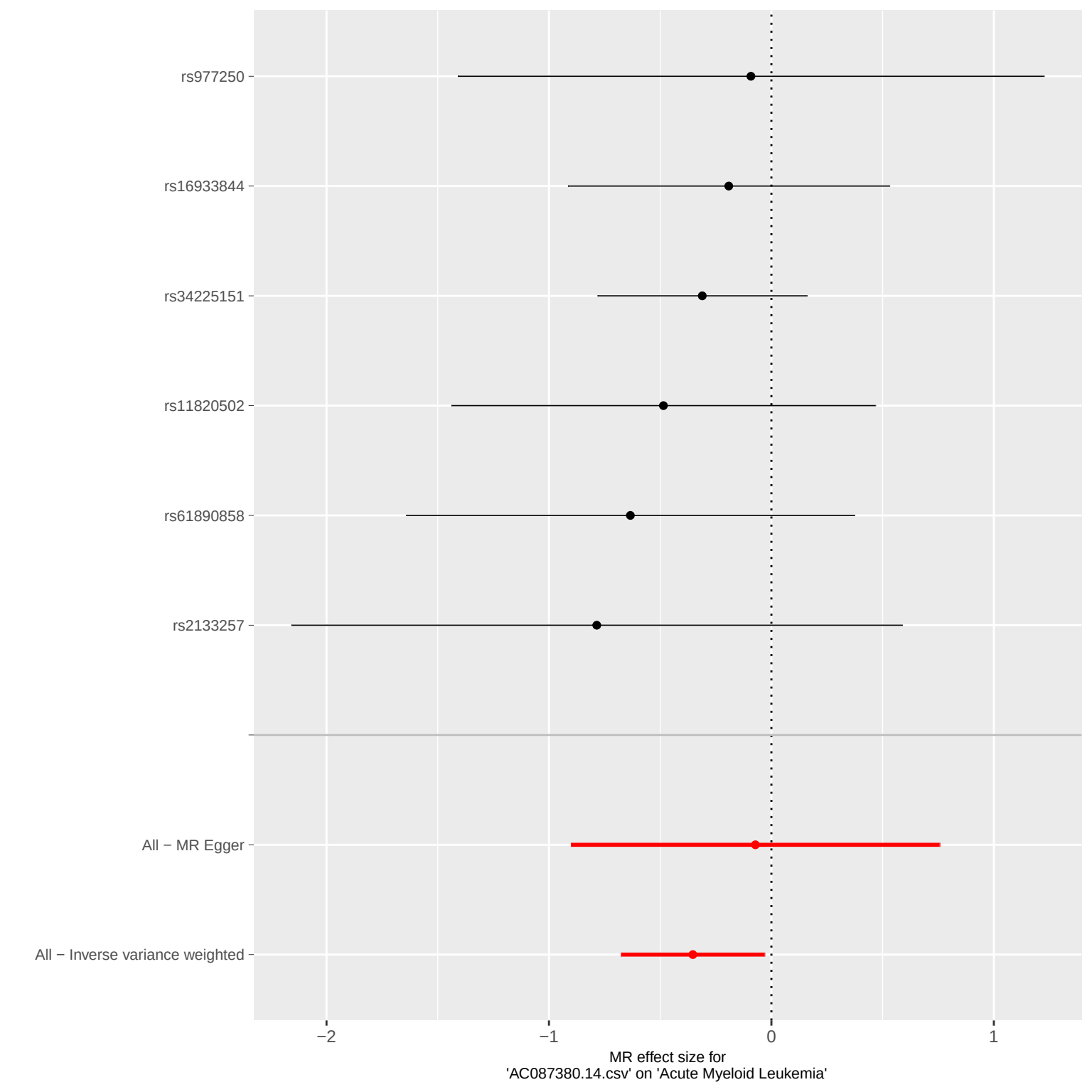
1
2
MR effect size for
'AC073115.7.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
−1
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MR effect size for
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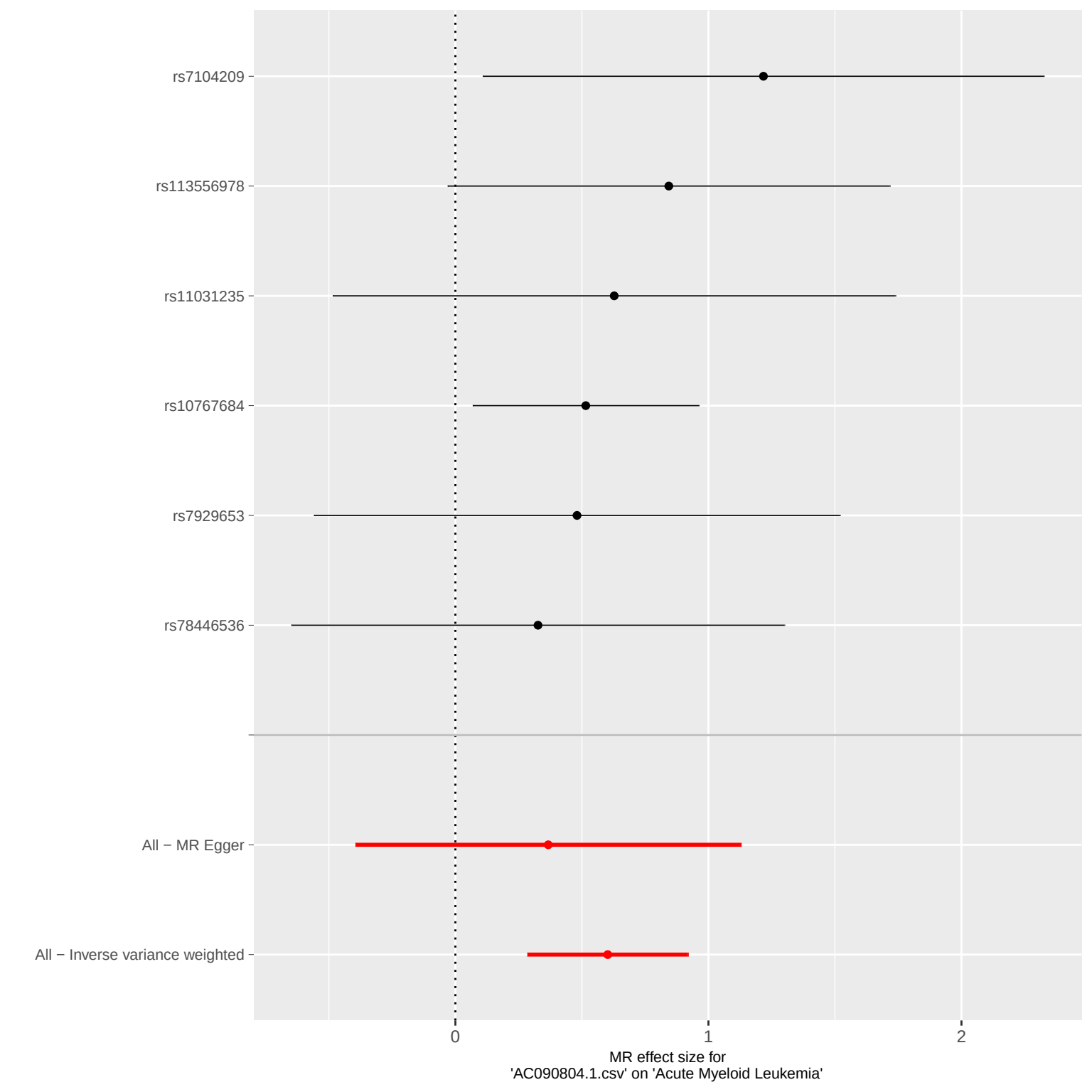
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rs7929653
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All − MR Egger
All − Inverse variance weighted
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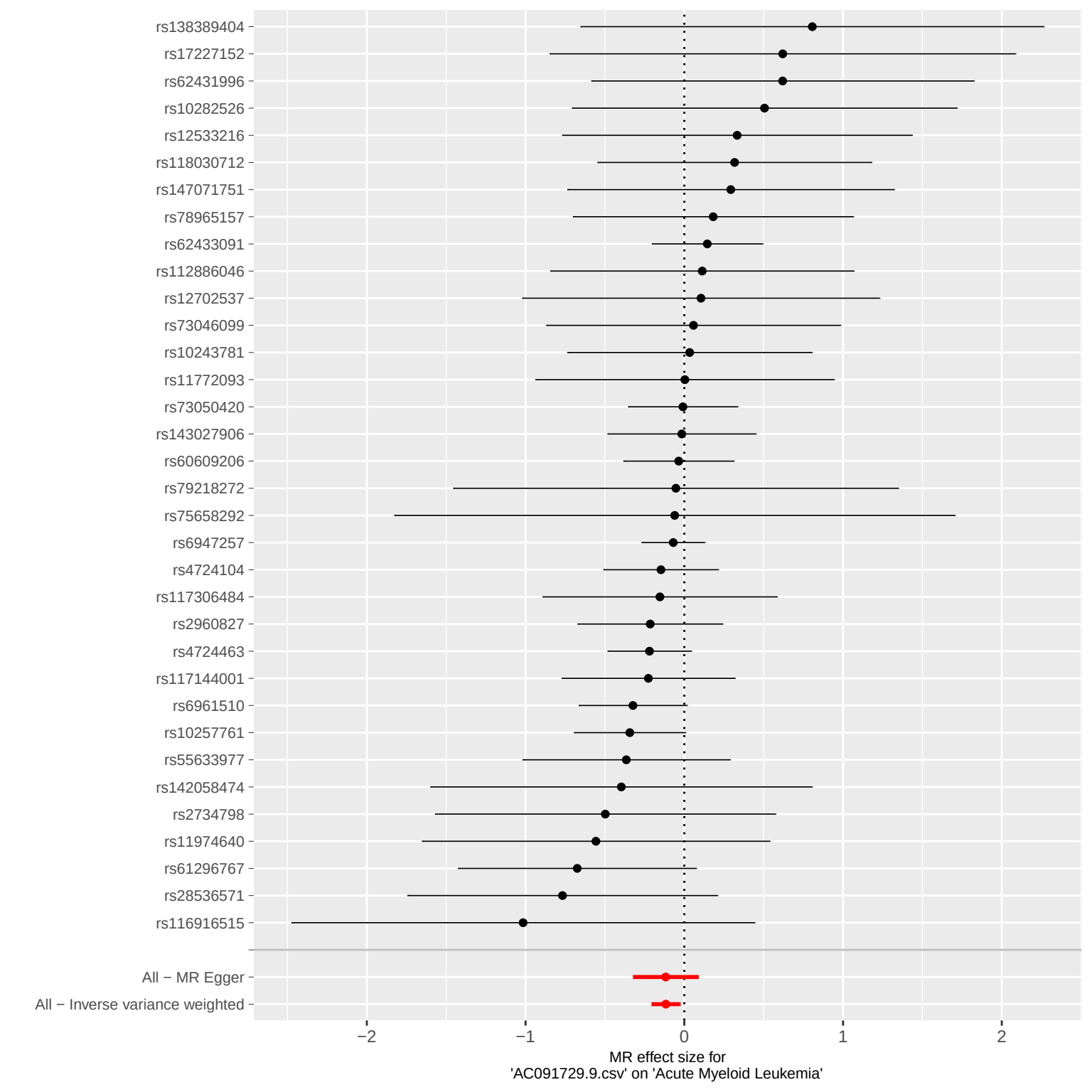
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rs12702537
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rs10243781
rs11772093
rs73050420
rs143027906
rs60609206
rs79218272
rs75658292
rs6947257
rs4724104
rs117306484
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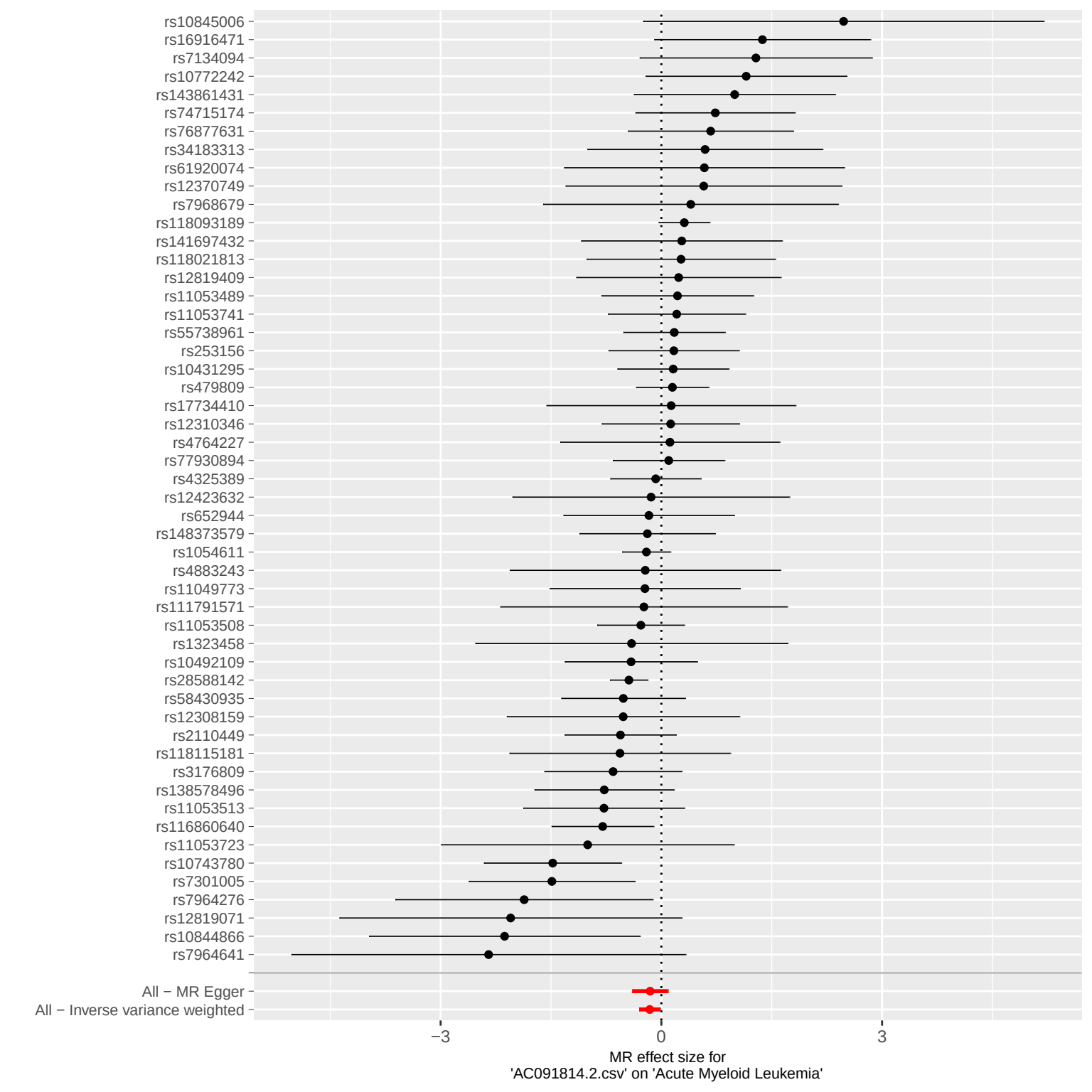
rs117144001
rs6961510
rs10257761
rs55633977
rs142058474
rs2734798
rs11974640
rs61296767
rs28536571
rs116916515
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'AC091729.9.csv' on 'Acute Myeloid Leukemia'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rs7968679
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rs10431295
rs479809
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rs4764227
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rs12423632
rs652944
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rs28588142
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rs3176809
rs138578496
rs11053513
rs116860640
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rs7964276
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All − Inverse variance weighted
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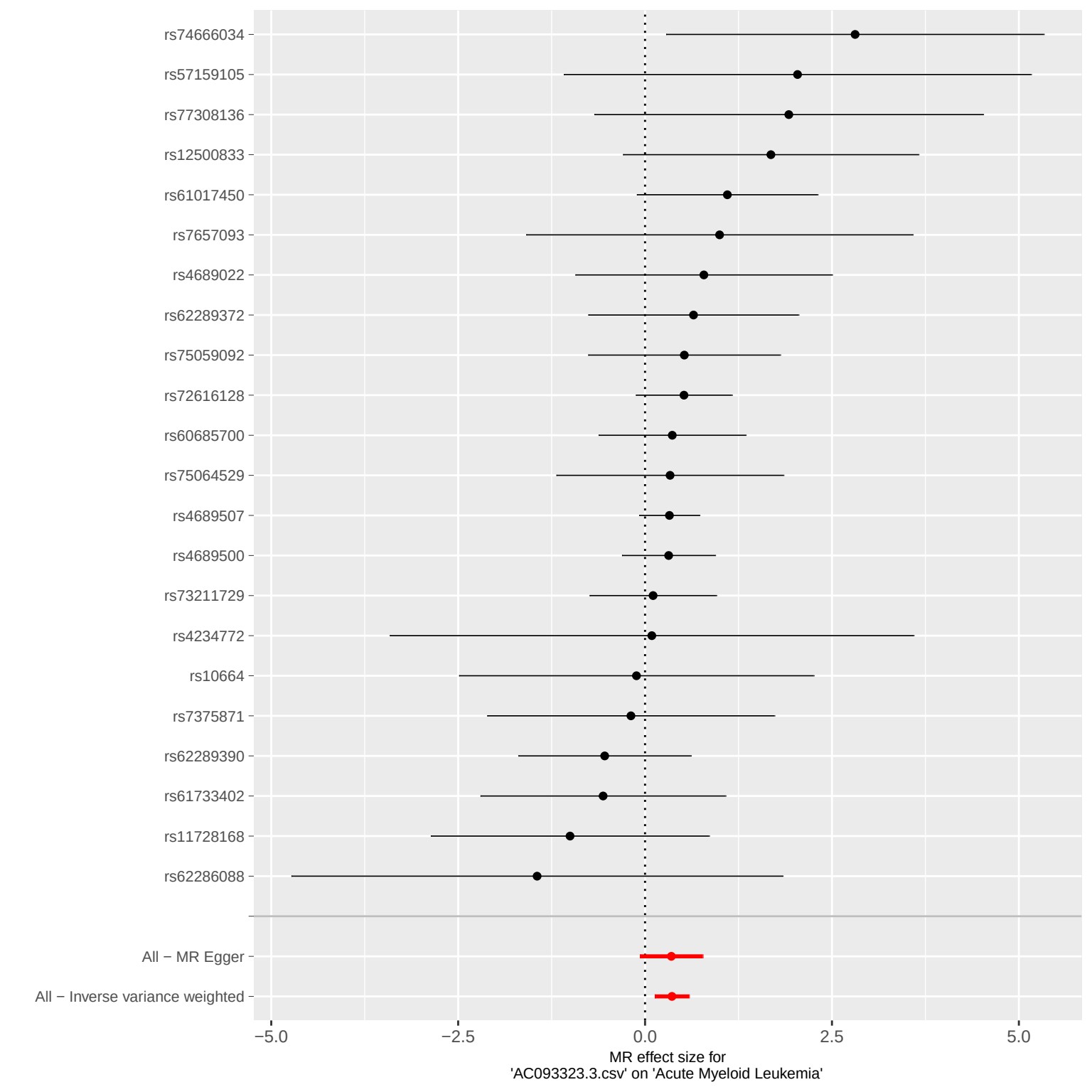
MR effect size for
'AC091814.2.csv' on 'Acute Myeloid Leukemia'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rs62286088
All − MR Egger
All − Inverse variance weighted
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0.0
2.5
5.0
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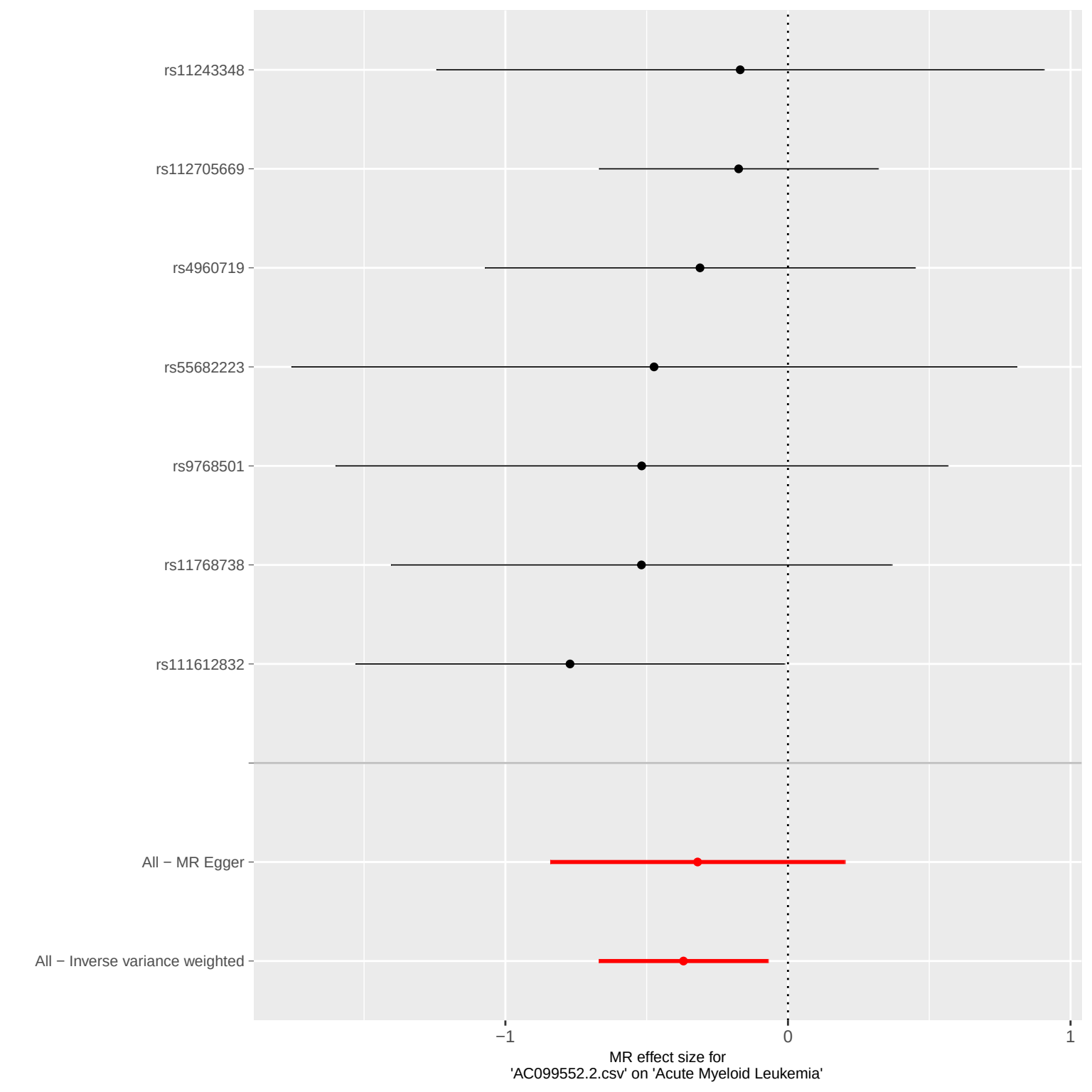
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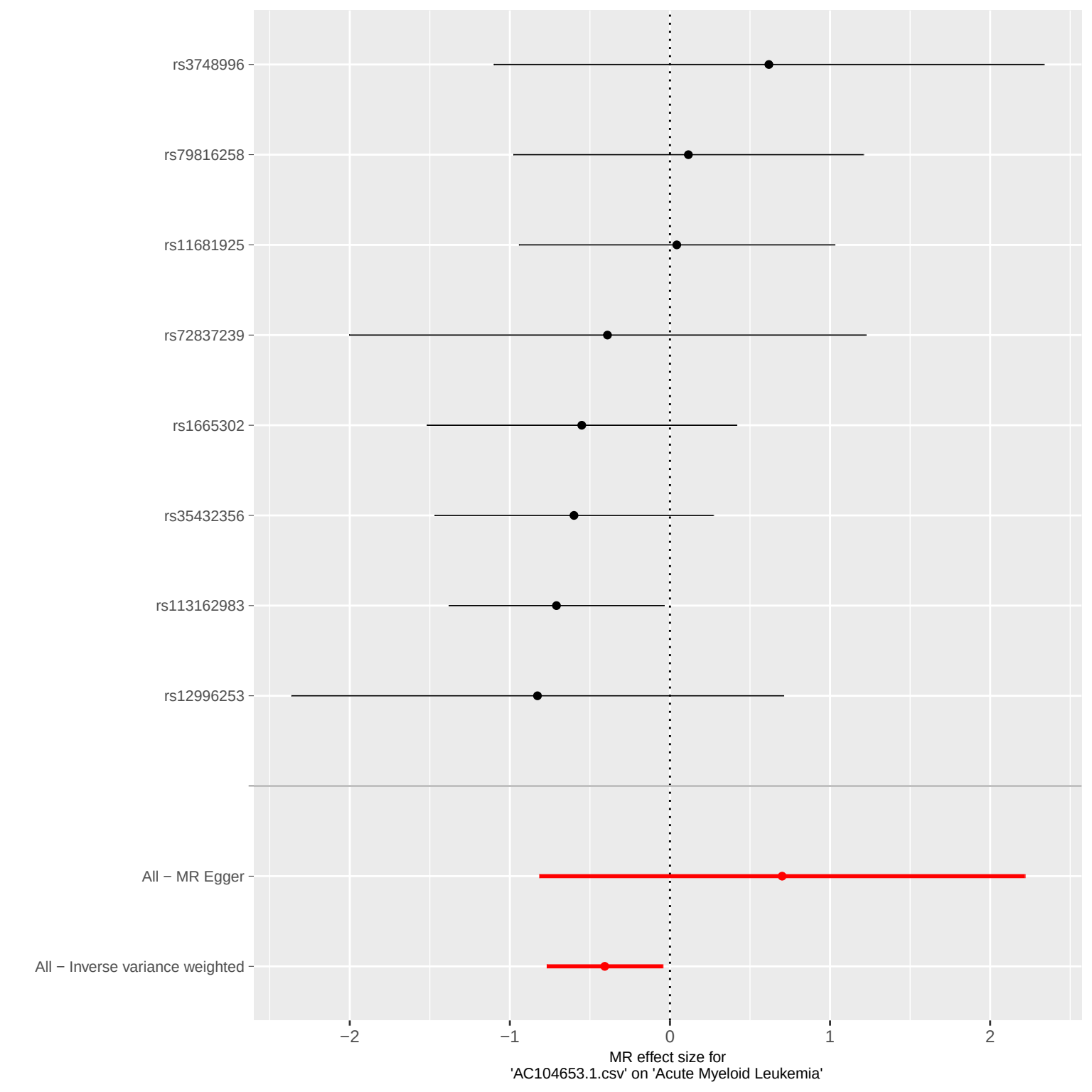
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All − MR Egger
All − Inverse variance weighted
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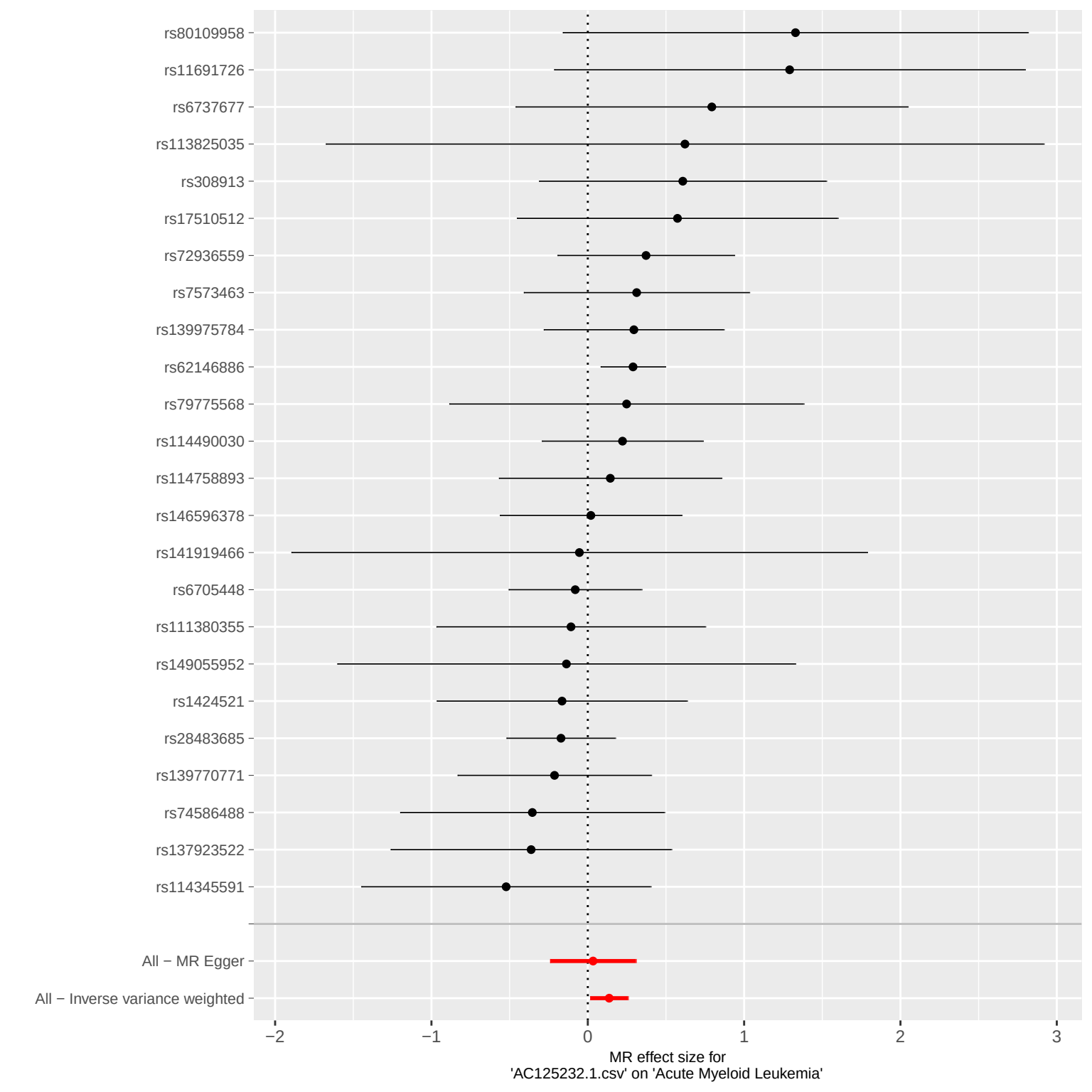
1
2
MR effect size for
'AC104653.1.csv' on 'Acute Myeloid Leukemia'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rs111380355
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rs1424521
rs28483685
rs139770771
rs74586488
rs137923522
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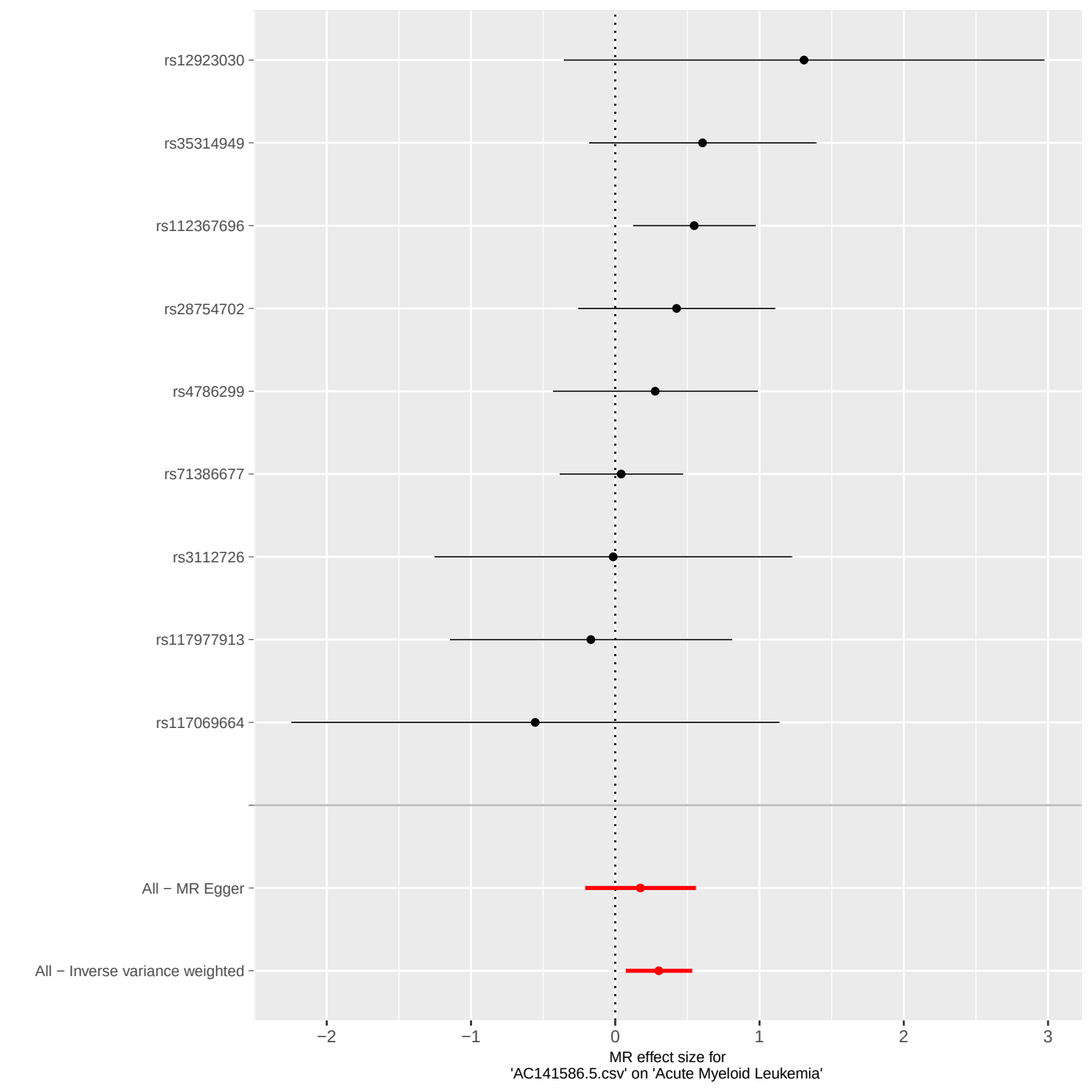
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'AC125232.1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
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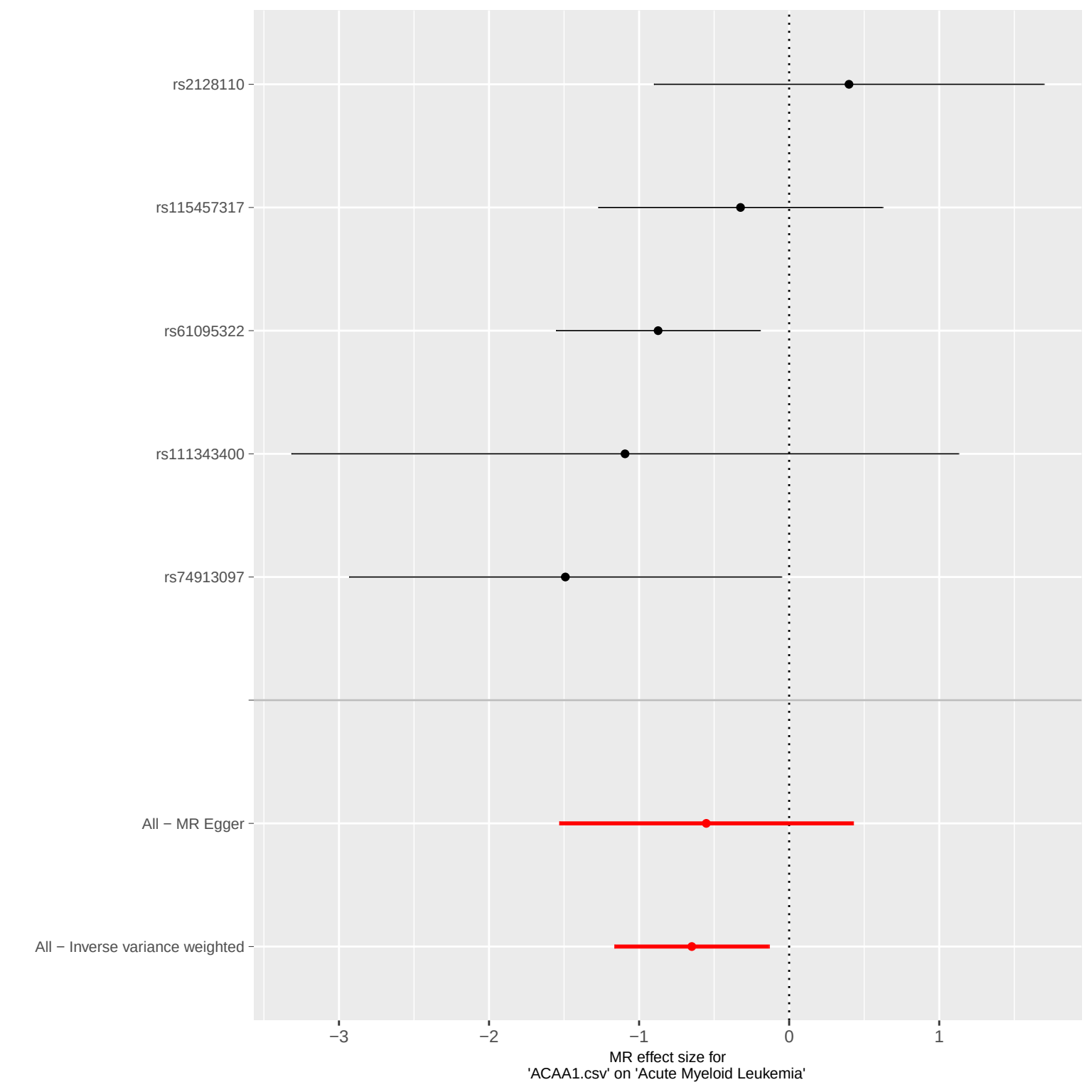
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rs74913097
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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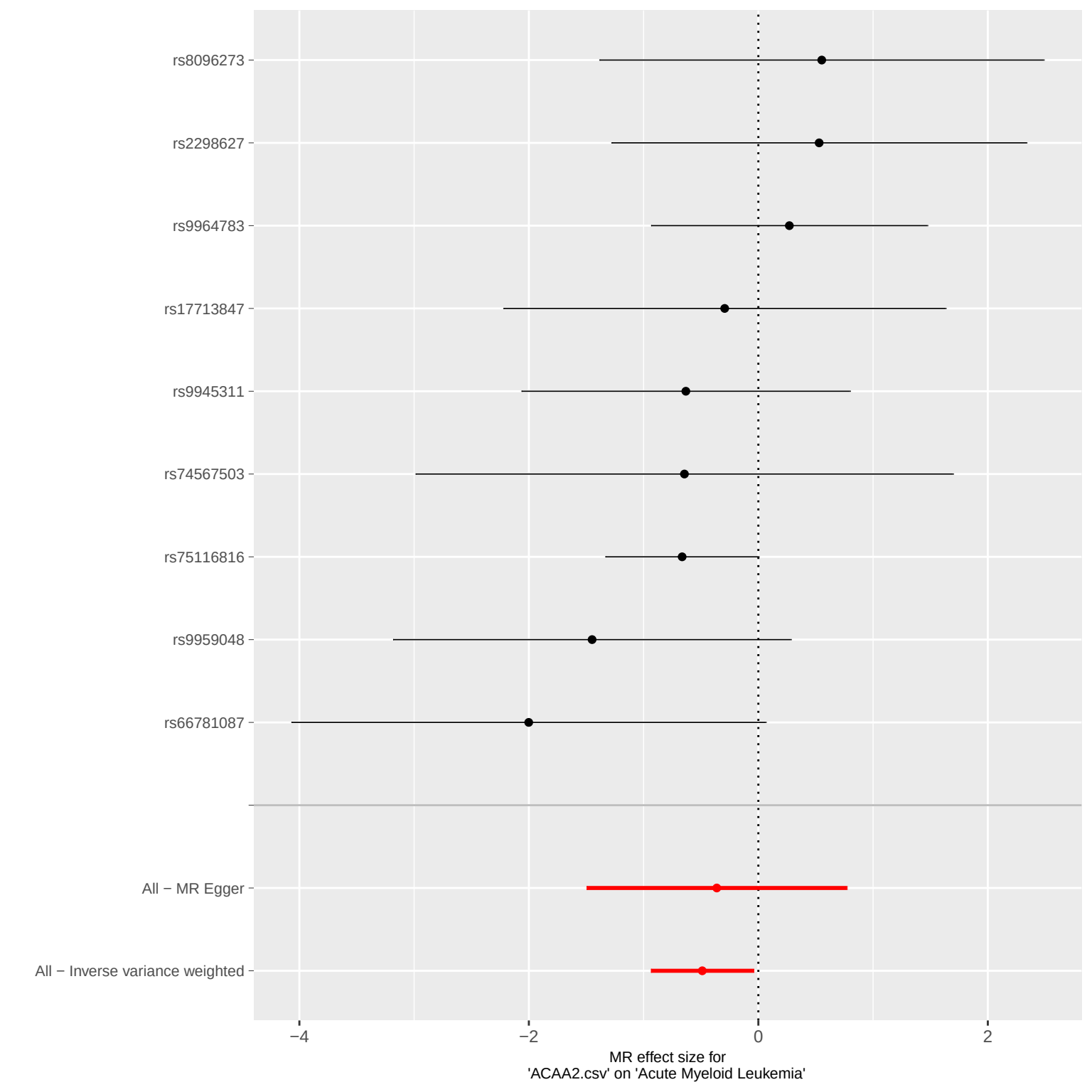
MR effect size for
'ACAA1.csv' on 'Acute Myeloid Leukemia'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rs9964783
rs17713847
rs9945311
rs74567503
rs75116816
rs9959048
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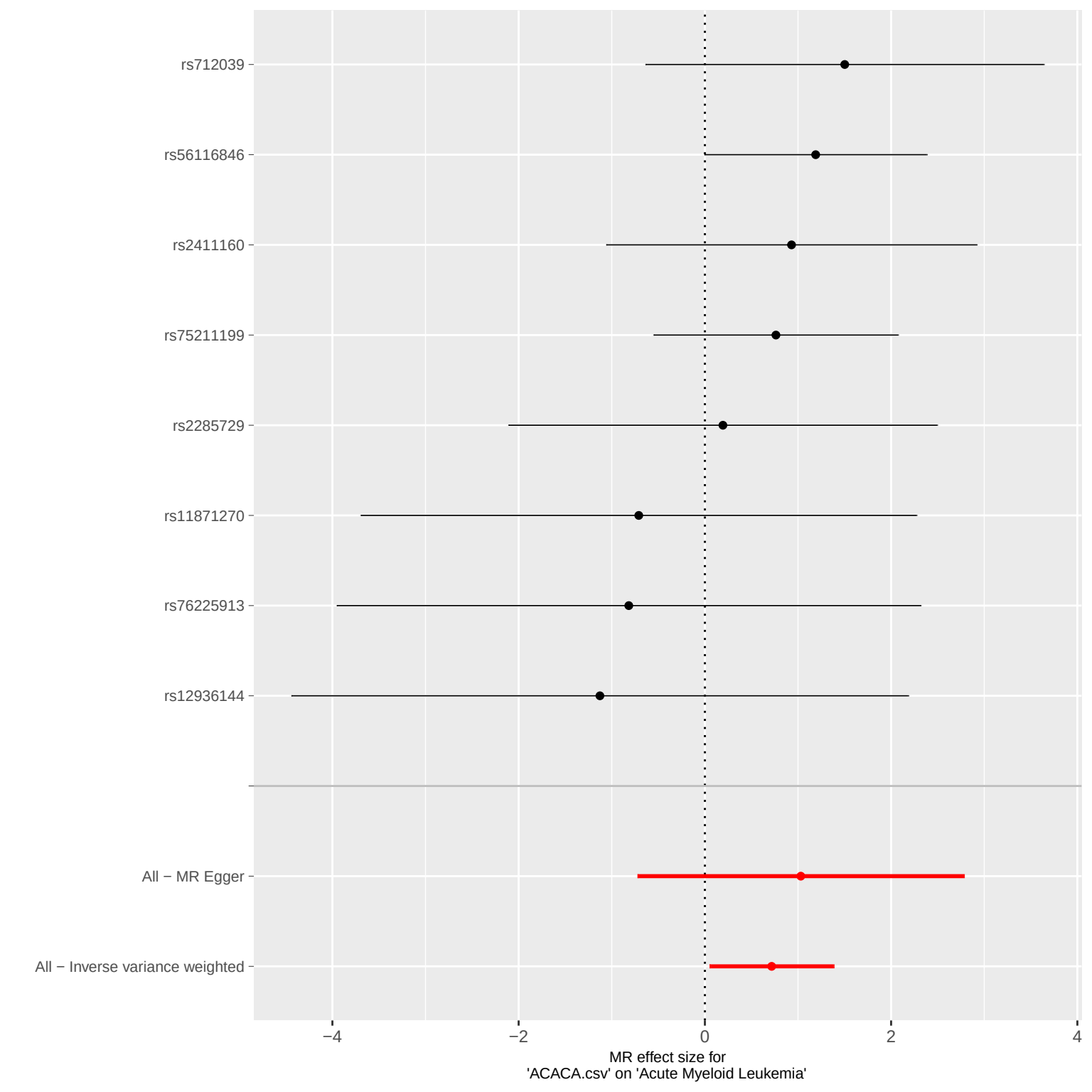
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ACAA2.csv' on 'Acute Myeloid Leukemia'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rs2411160
rs75211199
rs2285729
rs11871270
rs76225913
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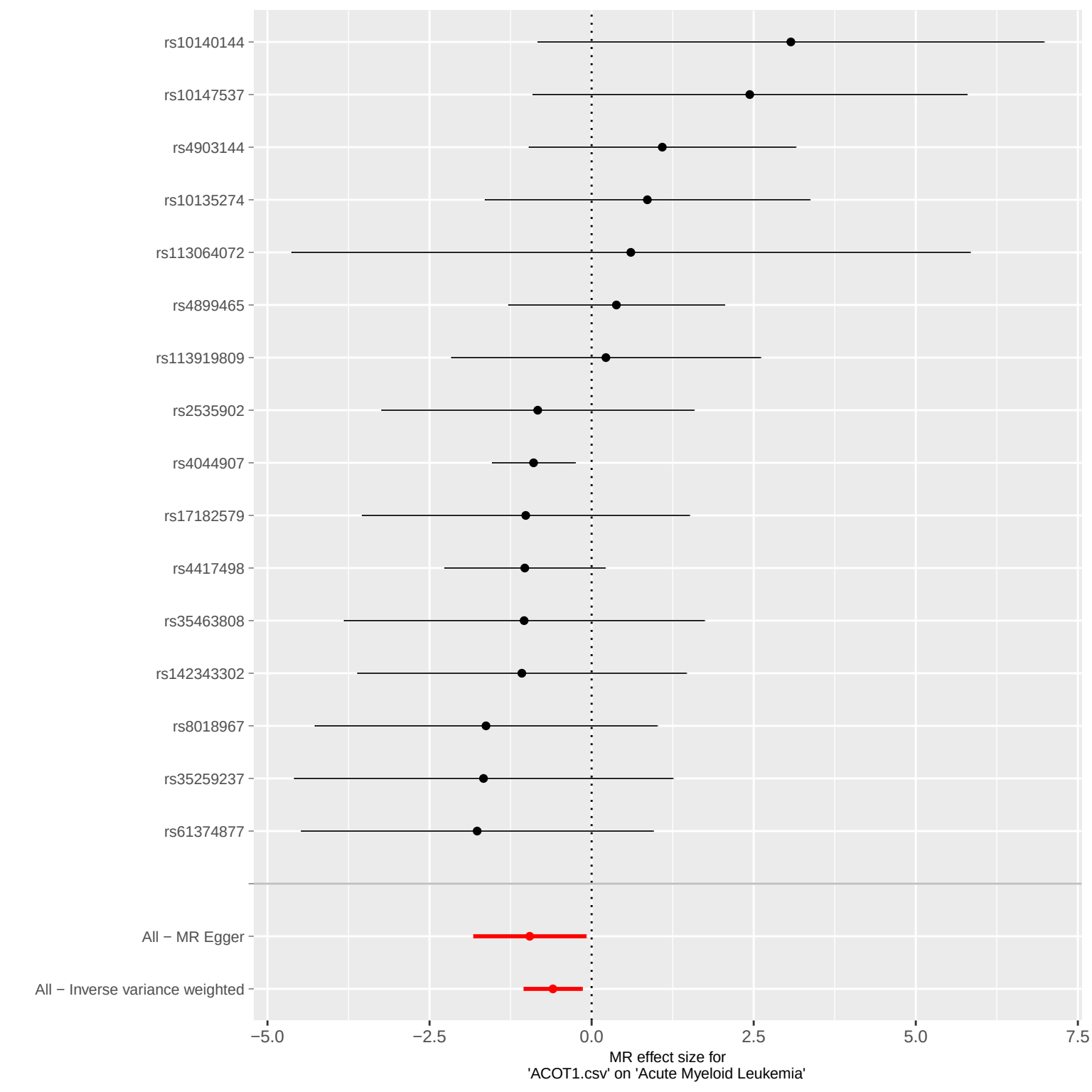
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ACACA.csv' on 'Acute Myeloid Leukemia'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rs35463808
rs142343302
rs8018967
rs35259237
rs61374877
All − MR Egger
All − Inverse variance weighted
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0.0
2.5
5.0
7.5
MR effect size for
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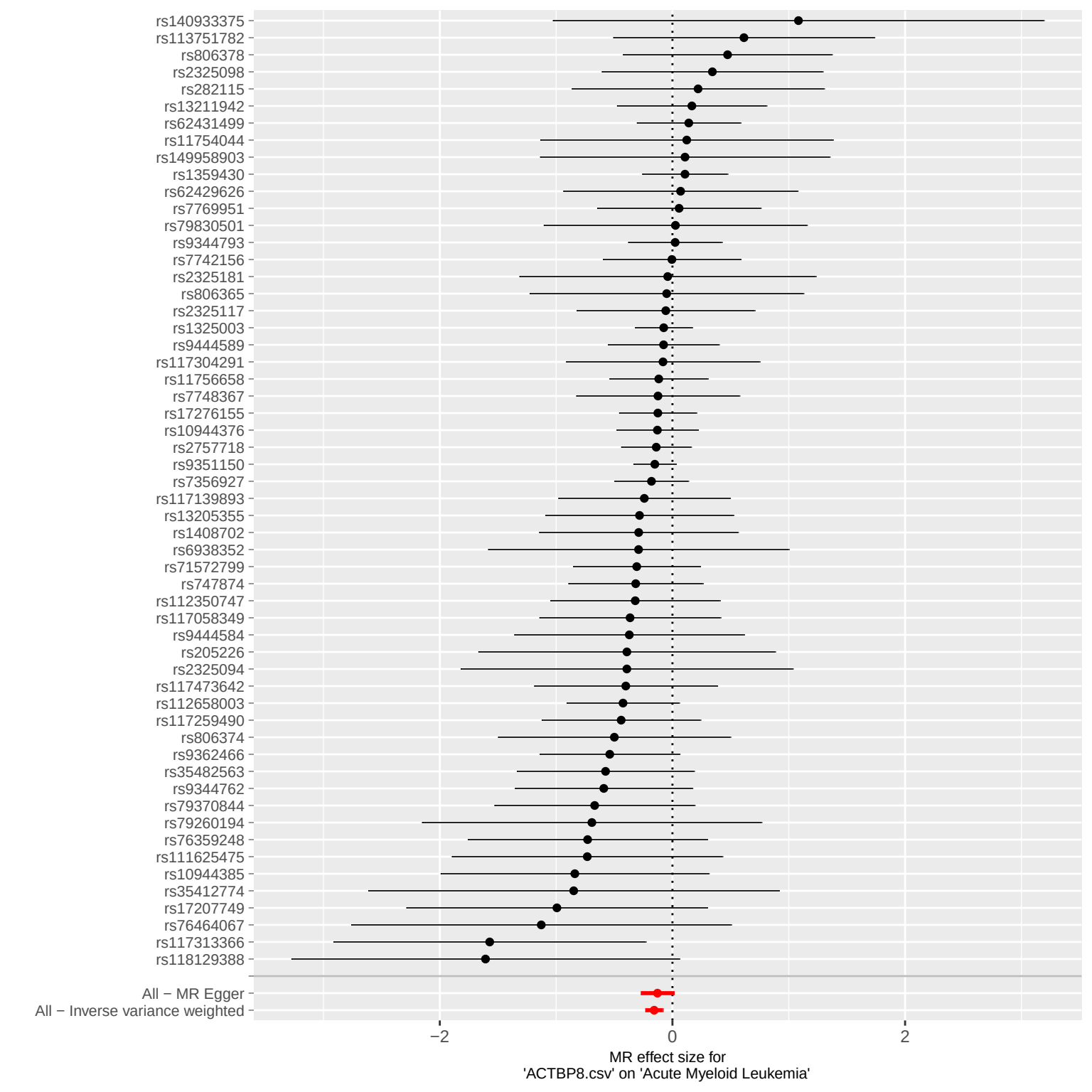
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All − MR Egger
All − Inverse variance weighted
−2
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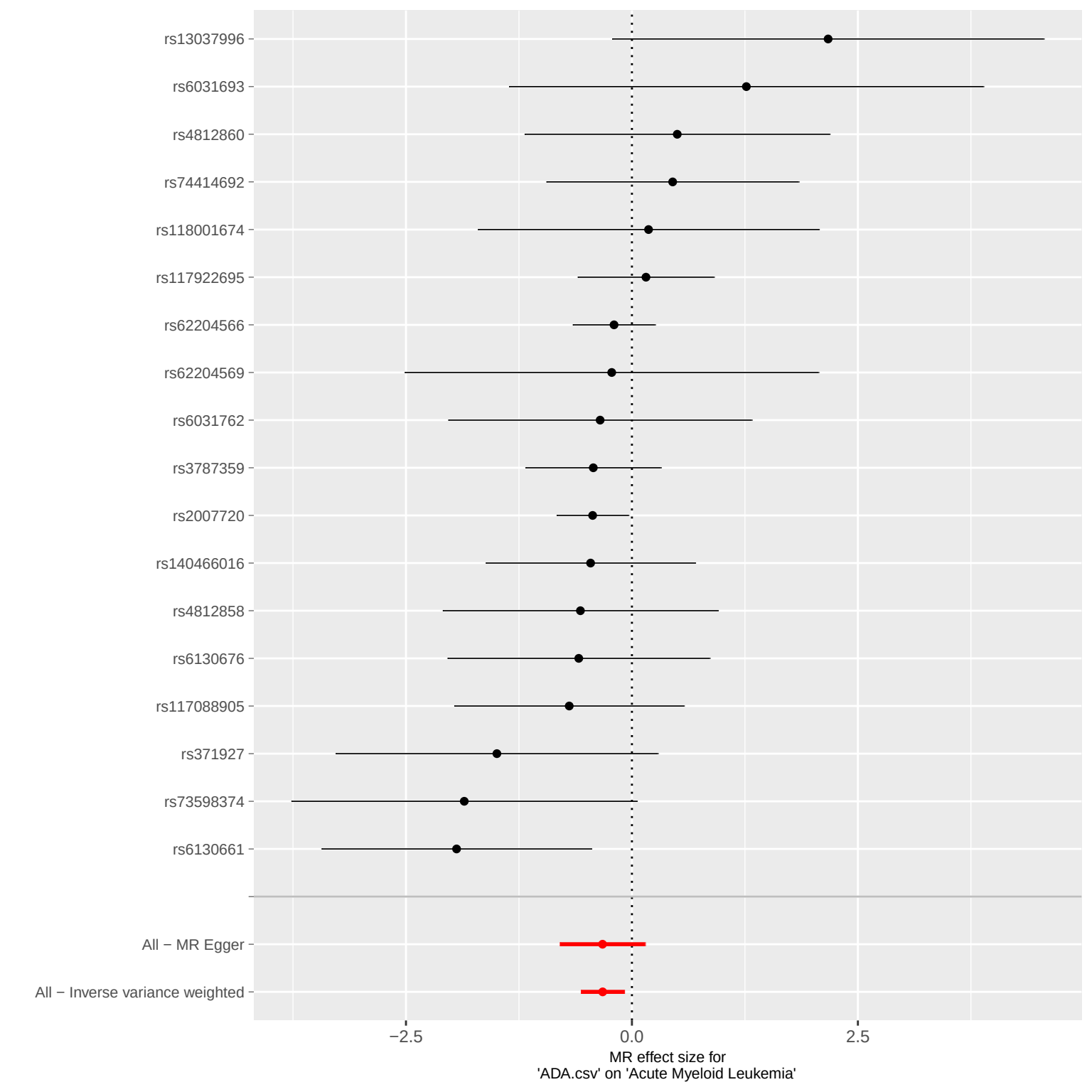
2
MR effect size for
'ACTBP8.csv' on 'Acute Myeloid Leukemia'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rs6130676
rs117088905
rs371927
rs73598374
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All − MR Egger
All − Inverse variance weighted
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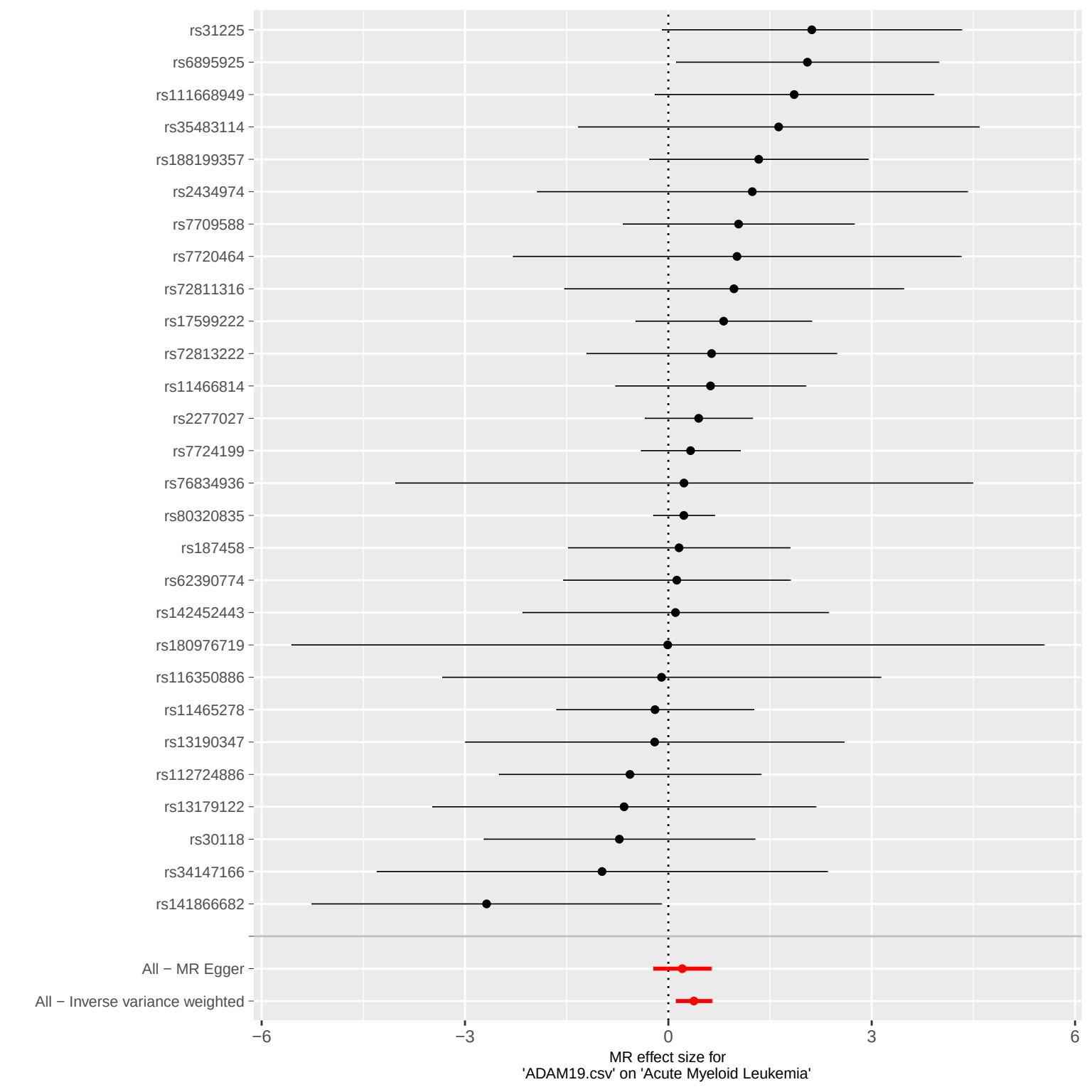
0.0
2.5
MR effect size for
'ADA.csv' on 'Acute Myeloid Leukemia'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rs13190347
rs112724886
rs13179122
rs30118
rs34147166
rs141866682
All − MR Egger
All − Inverse variance weighted
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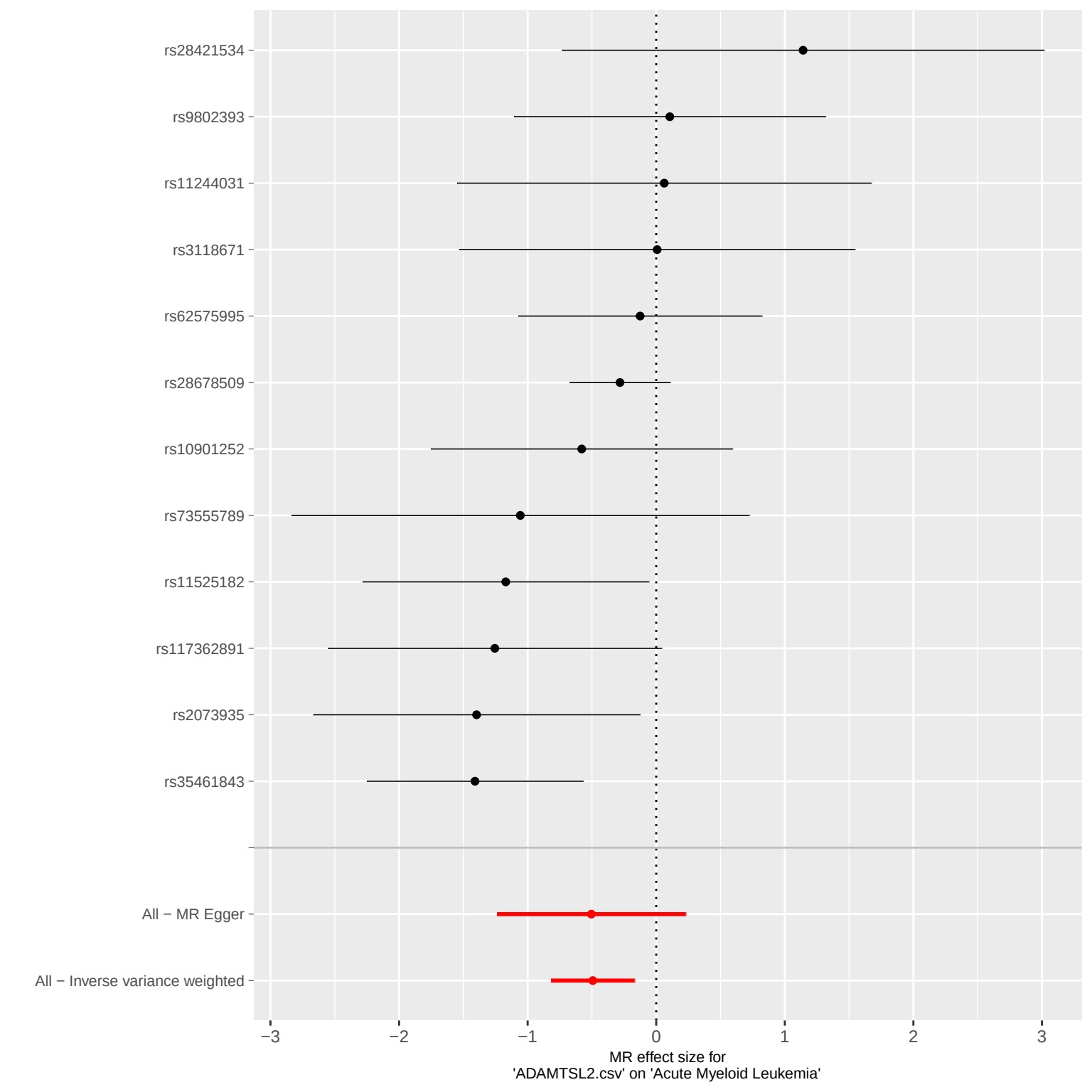
0
3
6
MR effect size for
'ADAM19.csv' on 'Acute Myeloid Leukemia'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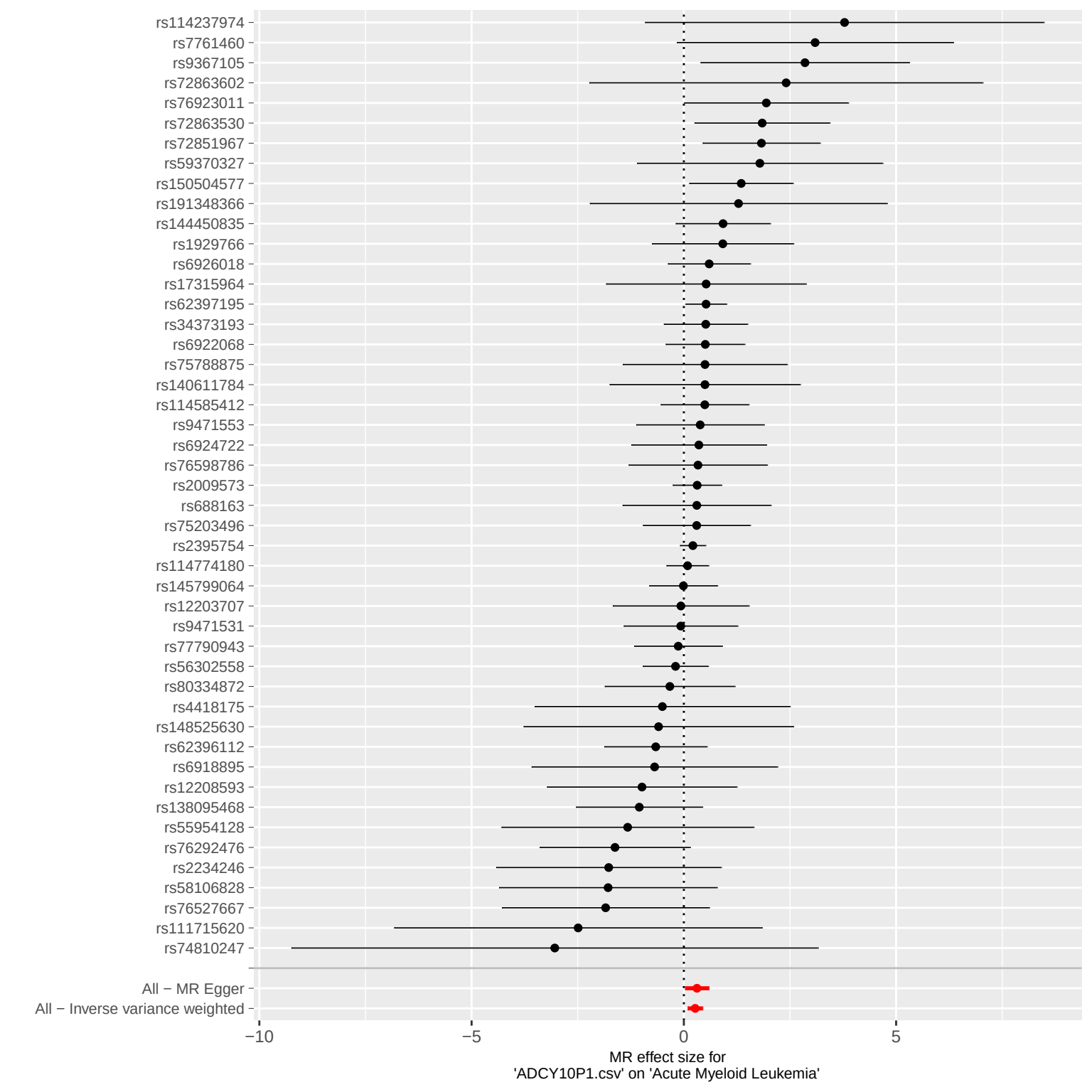
rs10901252
rs73555789
rs11525182
rs117362891
rs2073935
rs35461843
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'ADAMTSL2.csv' on 'Acute Myeloid Leukemia'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rs138095468
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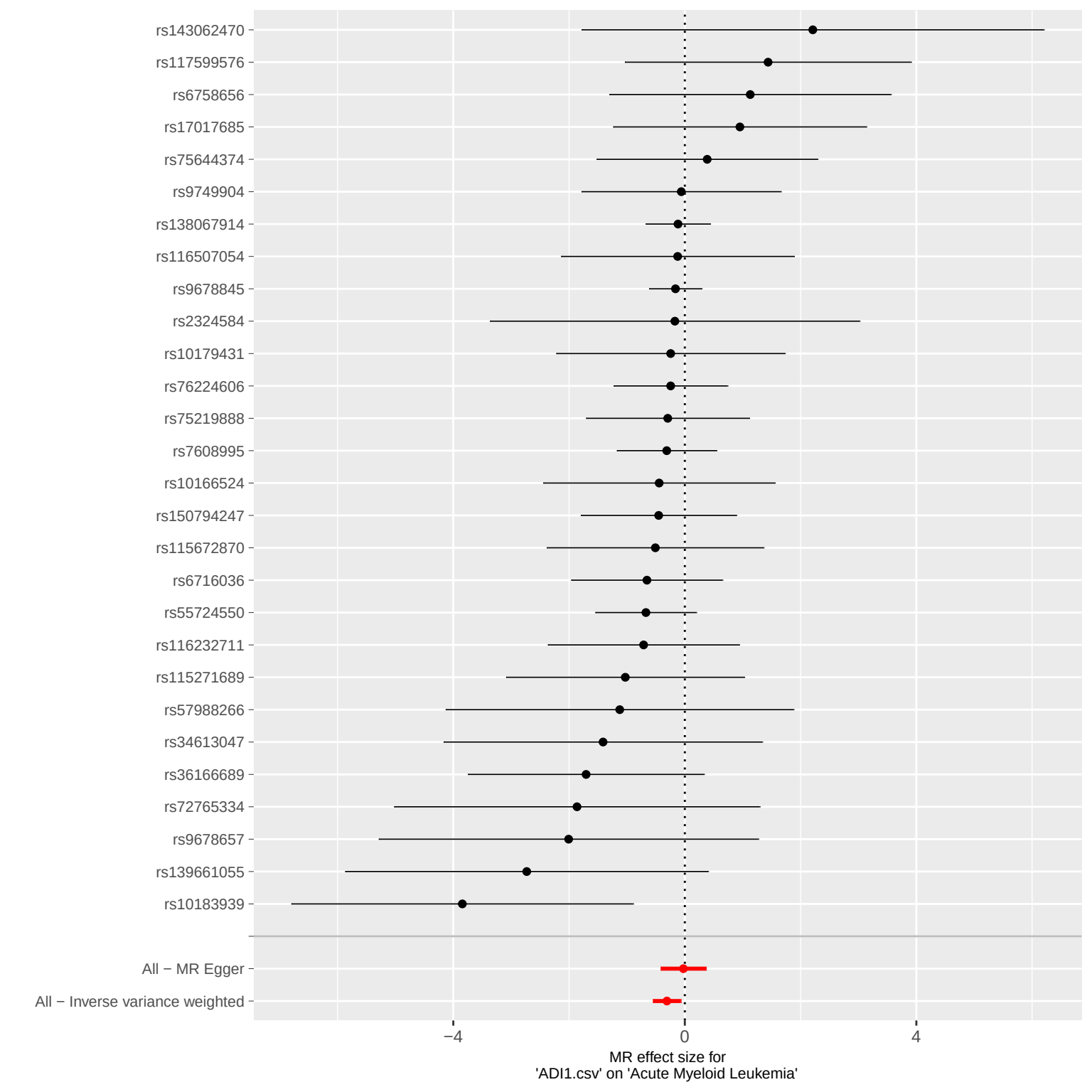
rs2234246
rs58106828
rs76527667
rs111715620
rs74810247
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ADCY10P1.csv' on 'Acute Myeloid Leukemia'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rs55724550
rs116232711
rs115271689
rs57988266
rs34613047
rs36166689
rs72765334
rs9678657
rs139661055
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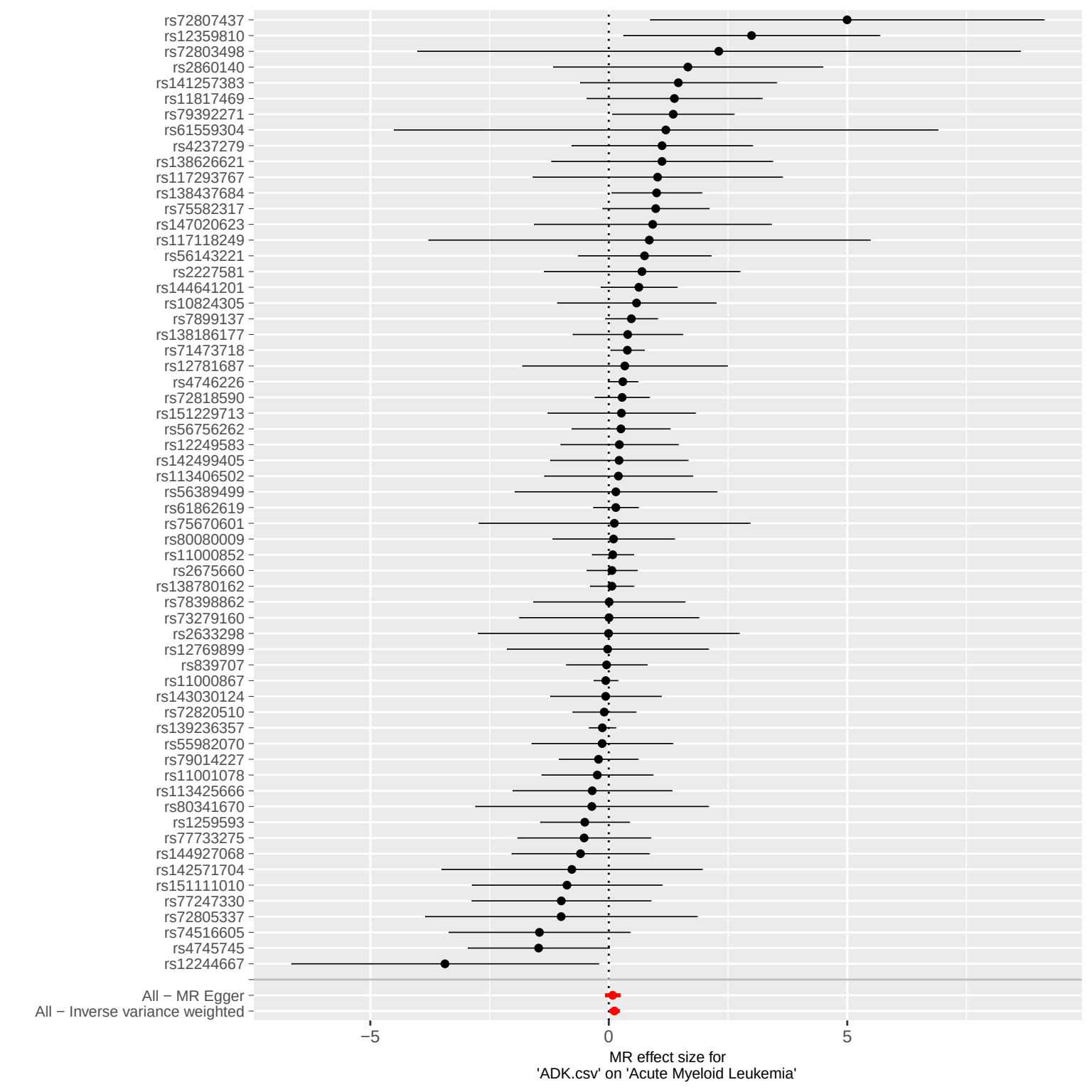
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ADI1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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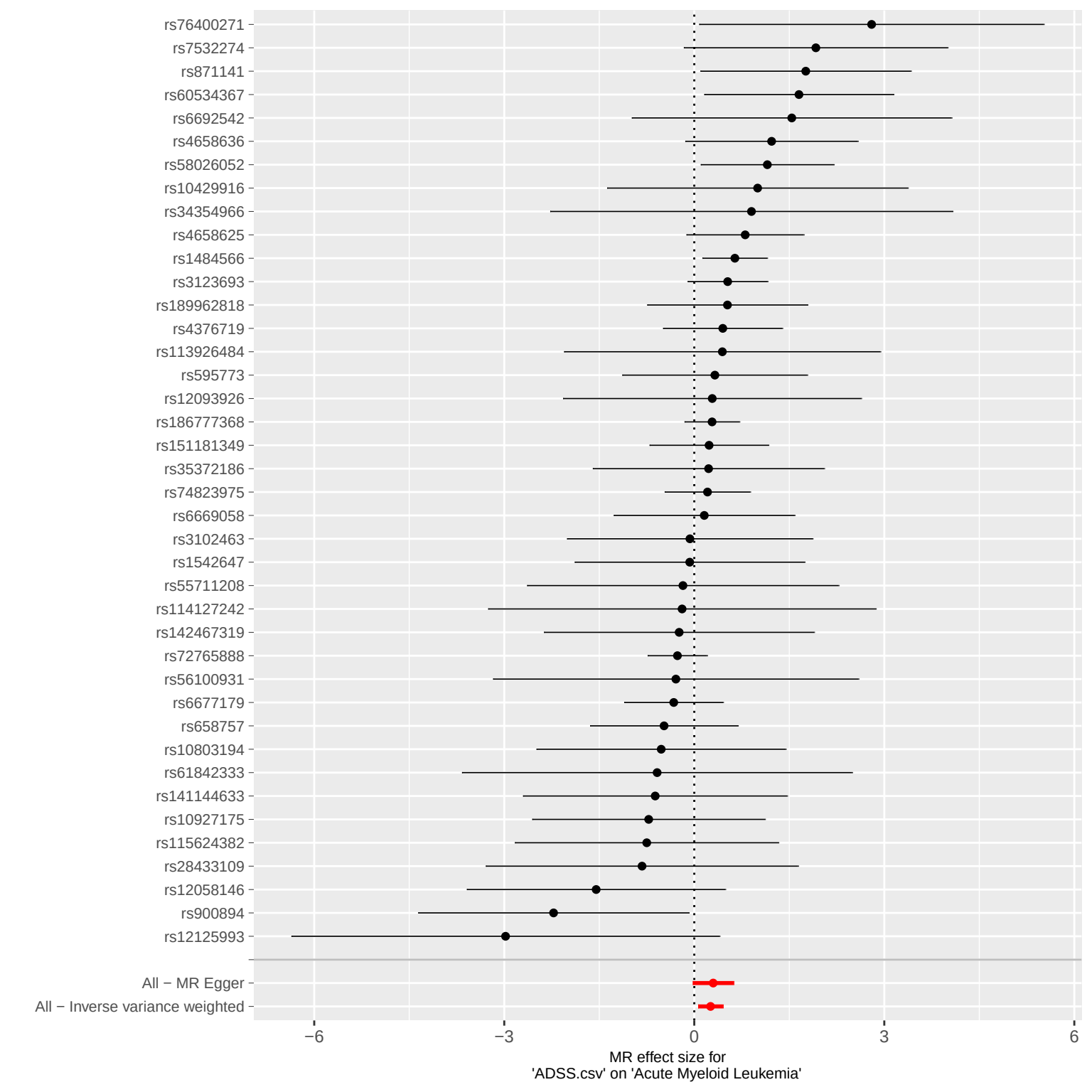
MR effect size for
'ADK.csv' on 'Acute Myeloid Leukemia'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rs61842333
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rs10927175
rs115624382
rs28433109
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rs900894
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All − MR Egger
All − Inverse variance weighted
−6
−3
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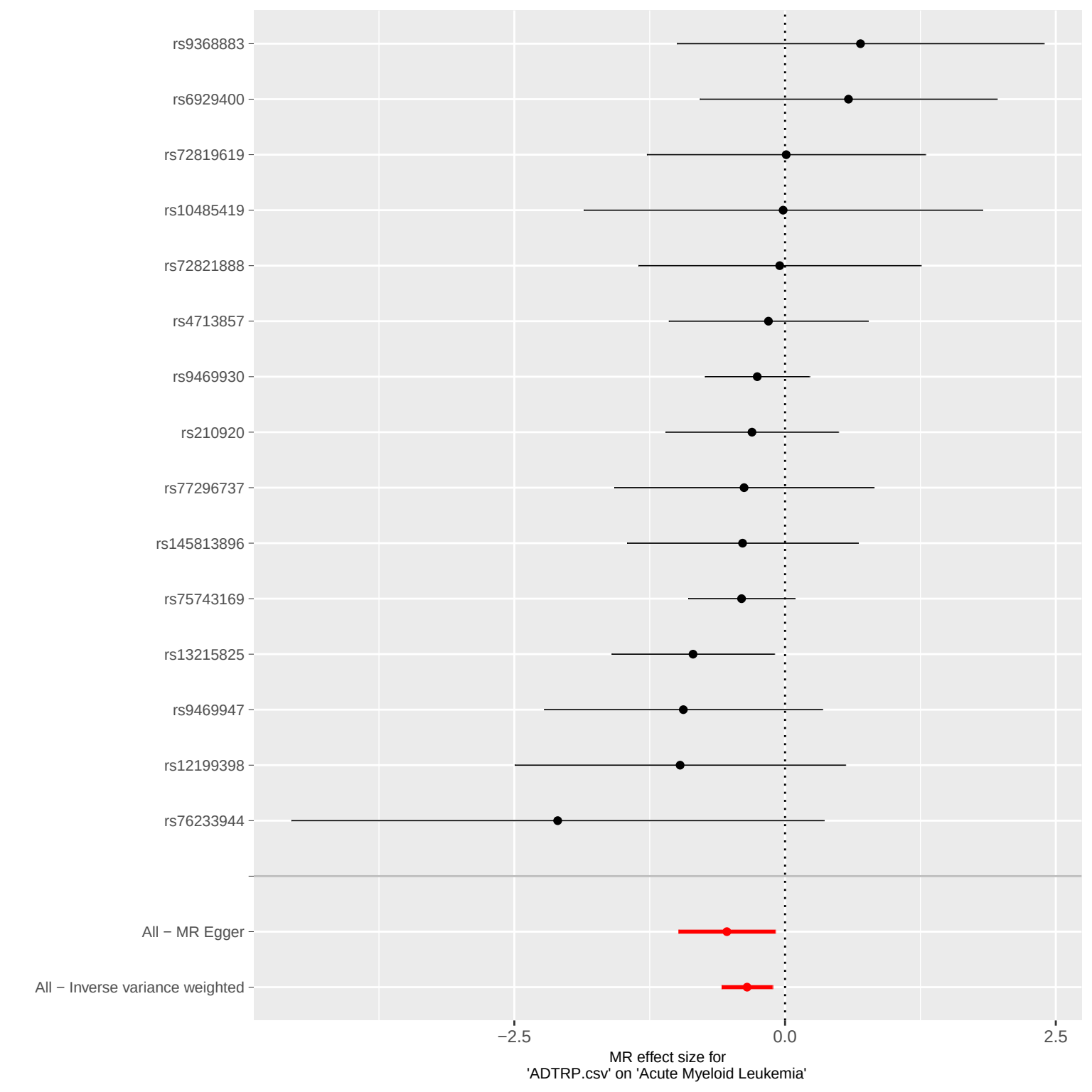
3
6
MR effect size for
'ADSS.csv' on 'Acute Myeloid Leukemia'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rs13215825
rs9469947
rs12199398
rs76233944
All − MR Egger
All − Inverse variance weighted
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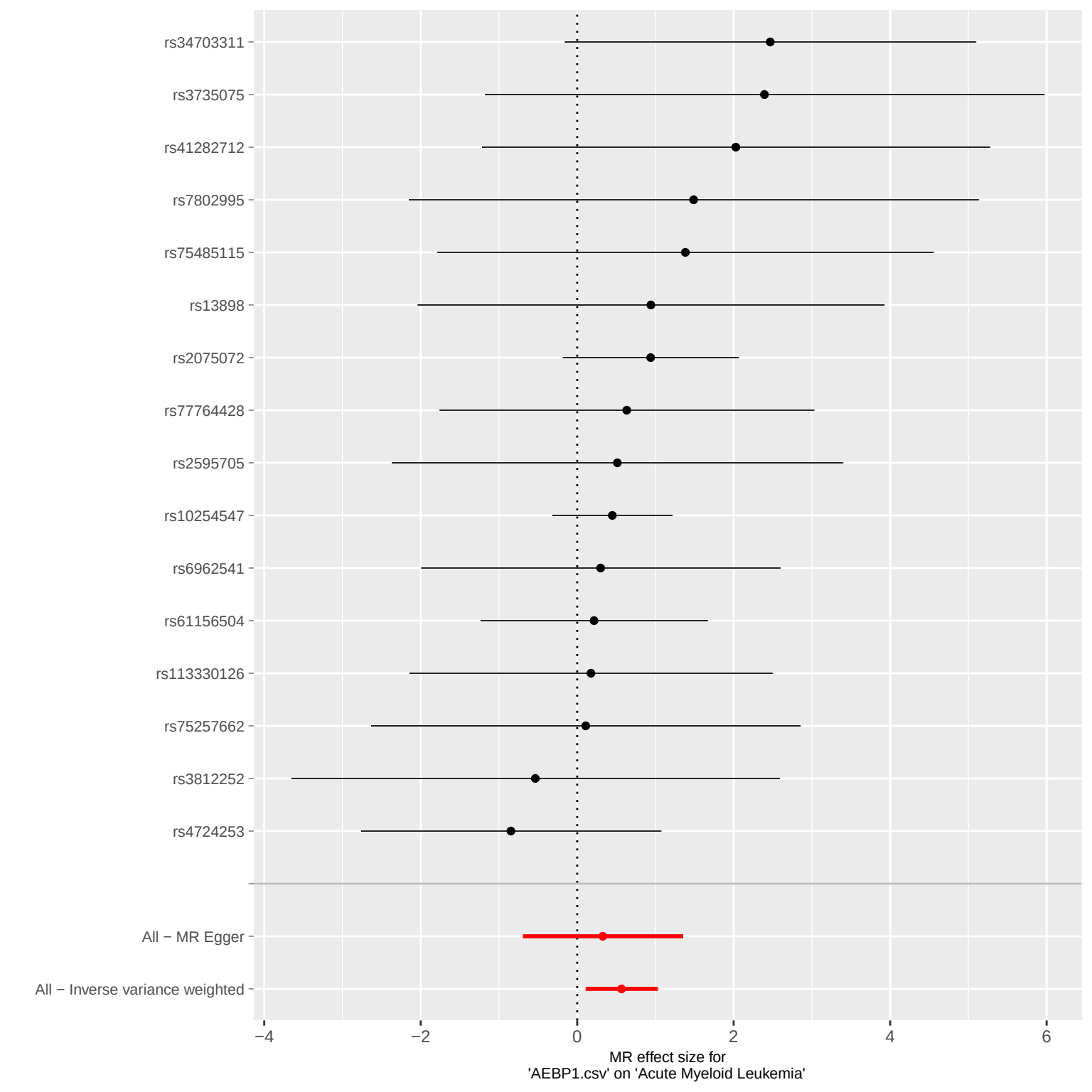
0.0
2.5
MR effect size for
'ADTRP.csv' on 'Acute Myeloid Leukemia'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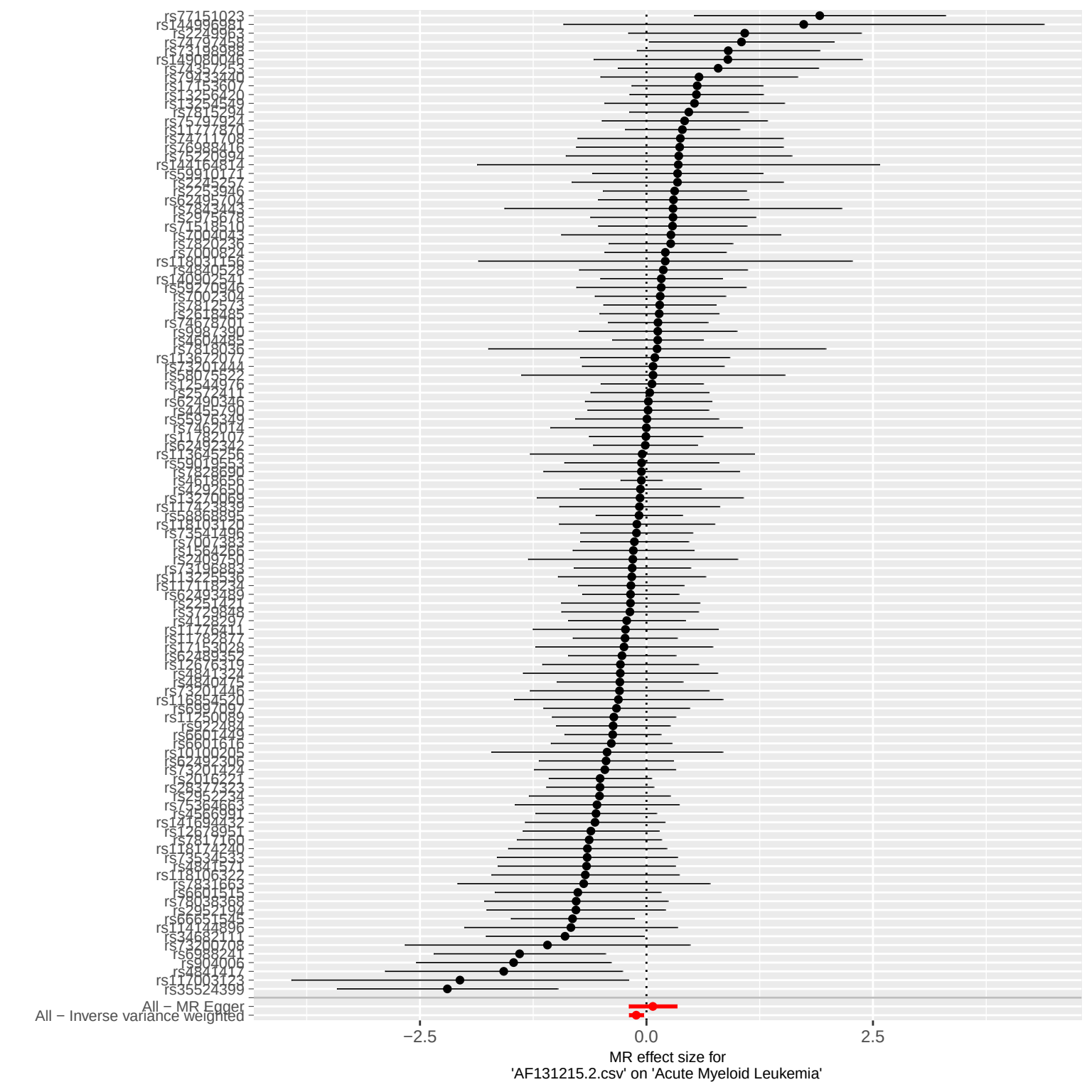
rs6962541
rs61156504
rs113330126
rs75257662
rs3812252
rs4724253
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'AEBP1.csv' on 'Acute Myeloid Leukemia'


All − MR Egger
All − Inverse variance weighted
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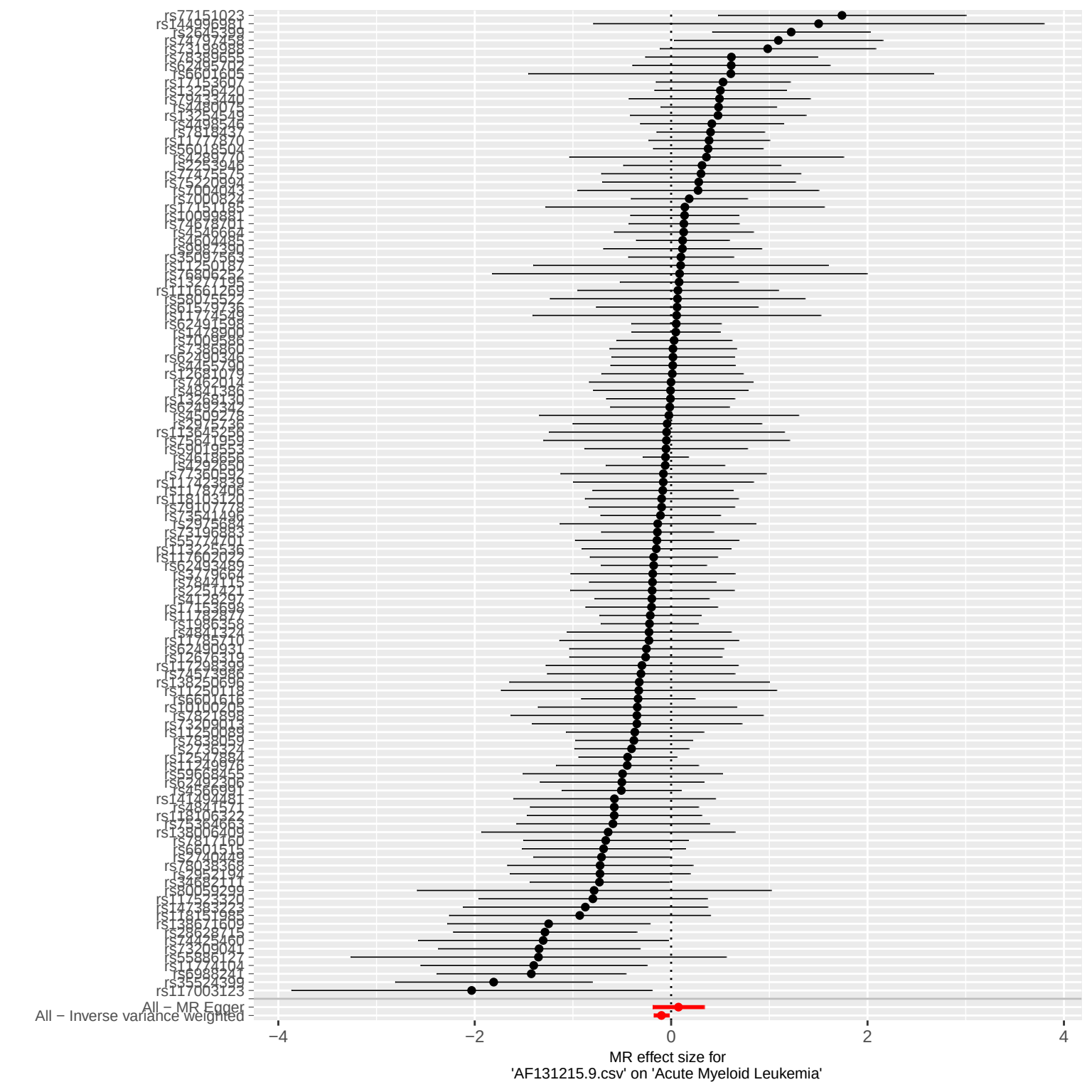
MR effect size for
'AF131215.2.csv' on 'Acute Myeloid Leukemia'


All − MR Egger
All − Inverse variance weighted
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−2
0
2
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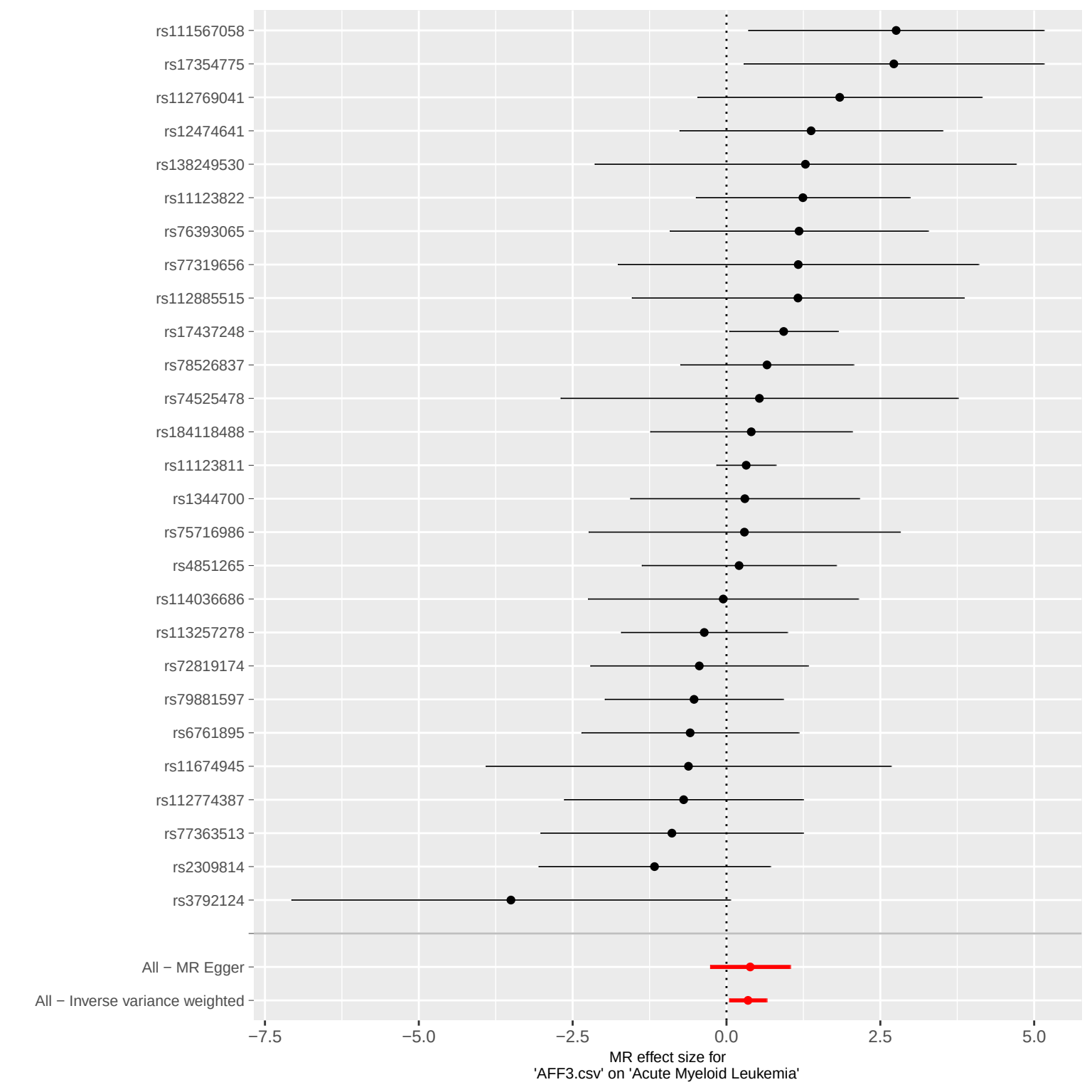
MR effect size for
'AF131215.9.csv' on 'Acute Myeloid Leukemia'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rs72819174
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rs6761895
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rs112774387
rs77363513
rs2309814
rs3792124
All − MR Egger
All − Inverse variance weighted
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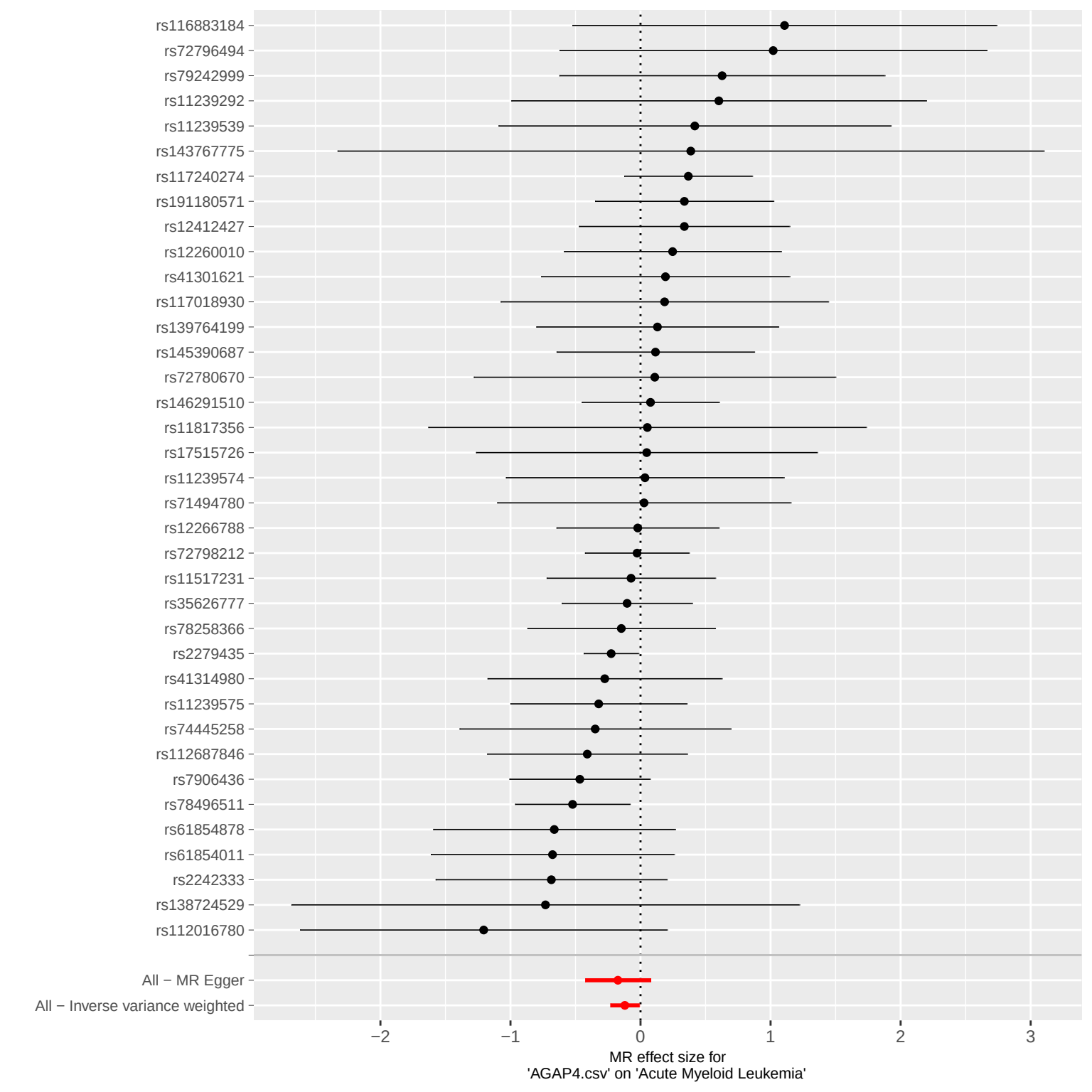
−2.5
0.0
2.5
5.0
MR effect size for
'AFF3.csv' on 'Acute Myeloid Leukemia'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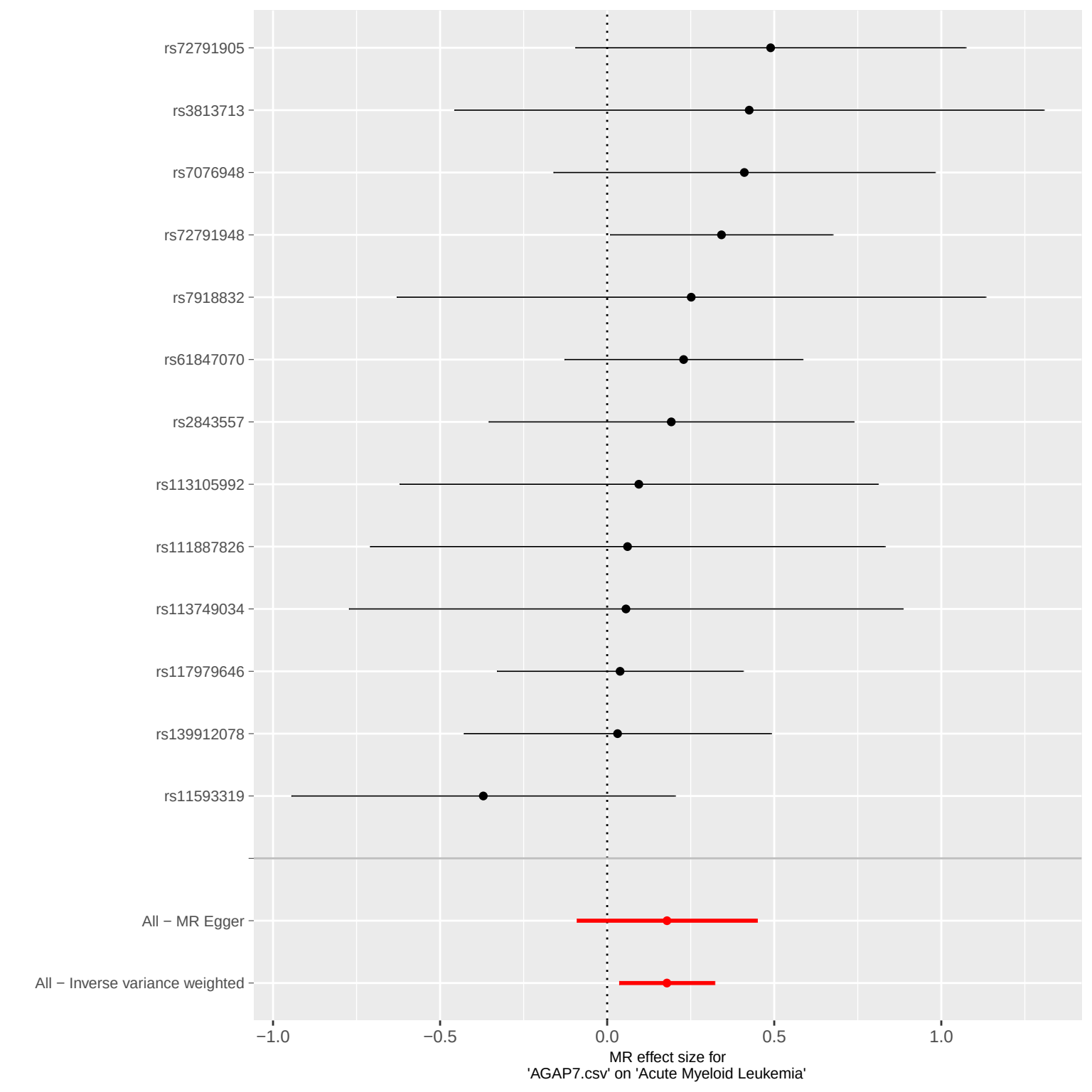
rs2242333
rs138724529
rs112016780
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'AGAP4.csv' on 'Acute Myeloid Leukemia'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rs61847070
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rs139912078
rs11593319
All − MR Egger
All − Inverse variance weighted
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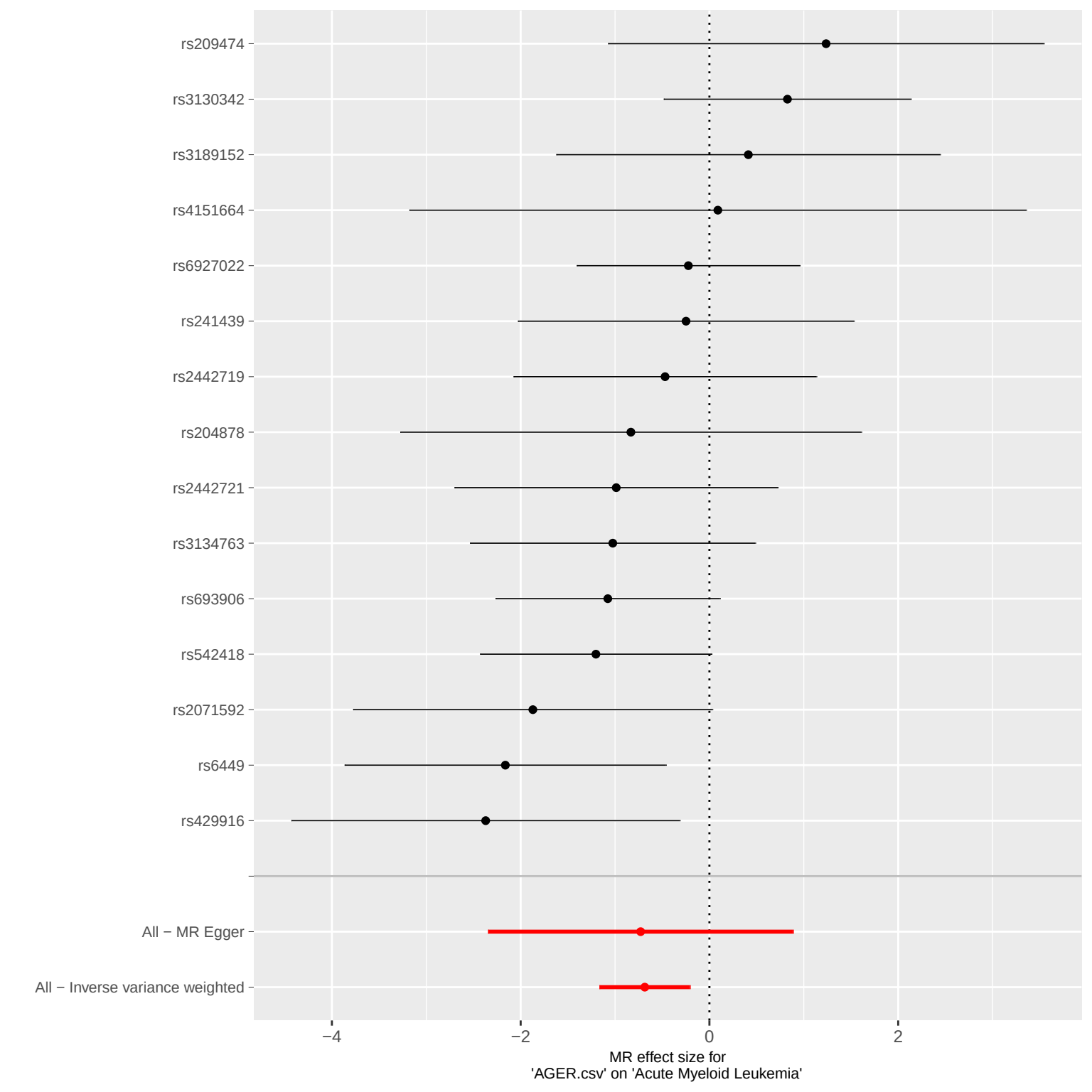
−0.5
0.0
0.5
1.0
MR effect size for
'AGAP7.csv' on 'Acute Myeloid Leukemia'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rs241439
rs2442719
rs204878
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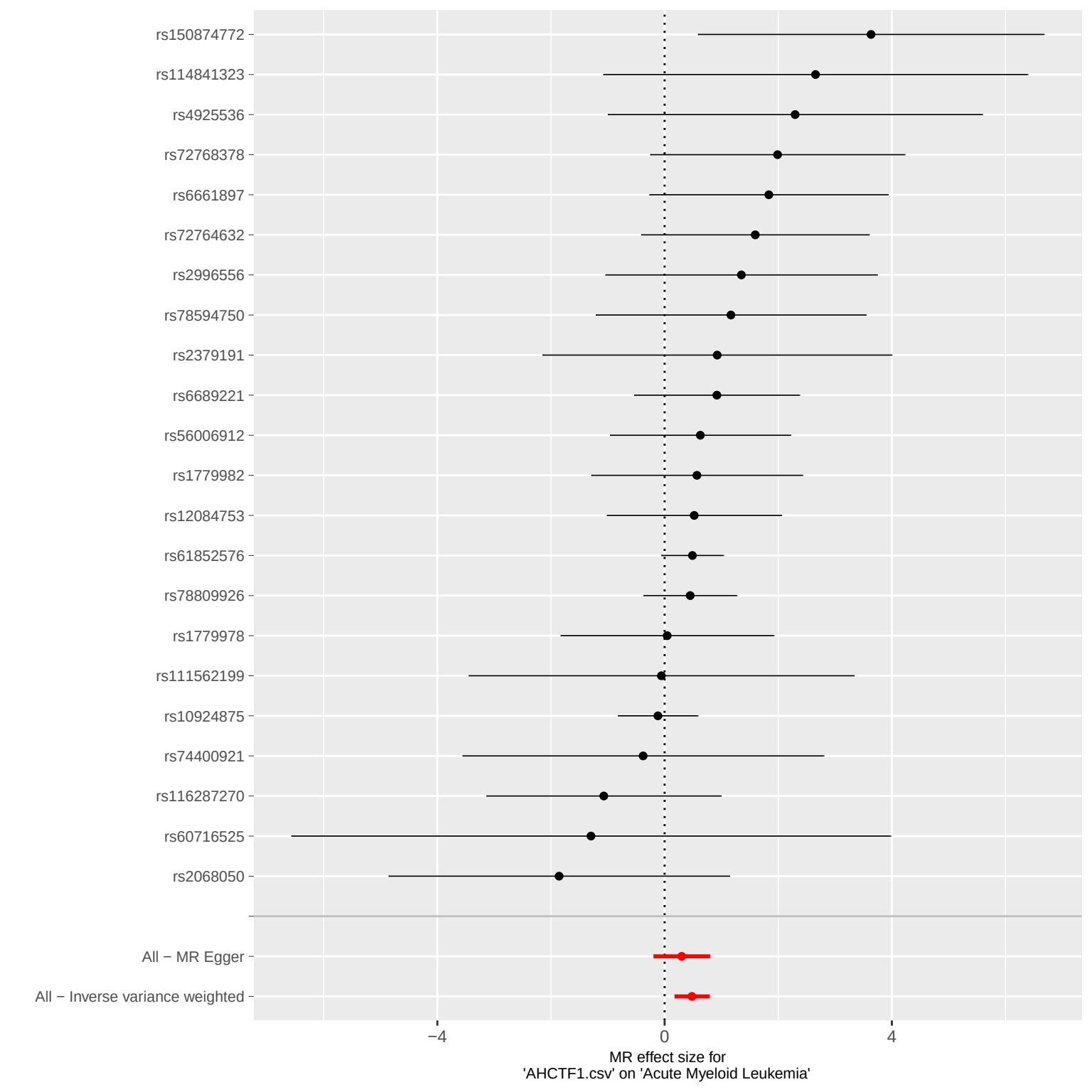
rs3134763
rs693906
rs542418
rs2071592
rs6449
rs429916
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'AGER.csv' on 'Acute Myeloid Leukemia'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rs1779978
rs111562199
rs10924875
rs74400921
rs116287270
rs60716525
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All − MR Egger
All − Inverse variance weighted
−4
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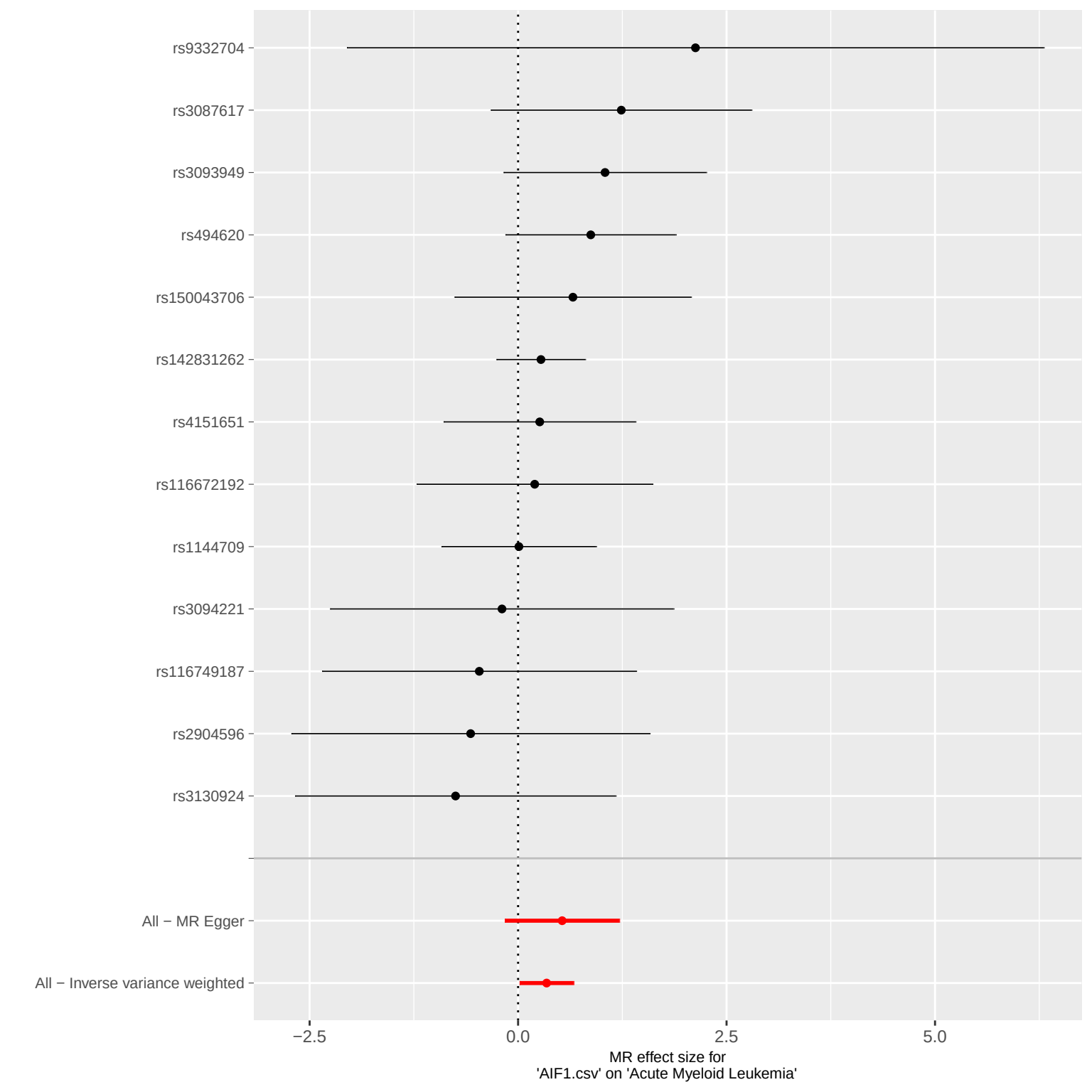
4
MR effect size for
'AHCTF1.csv' on 'Acute Myeloid Leukemia'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rs142831262
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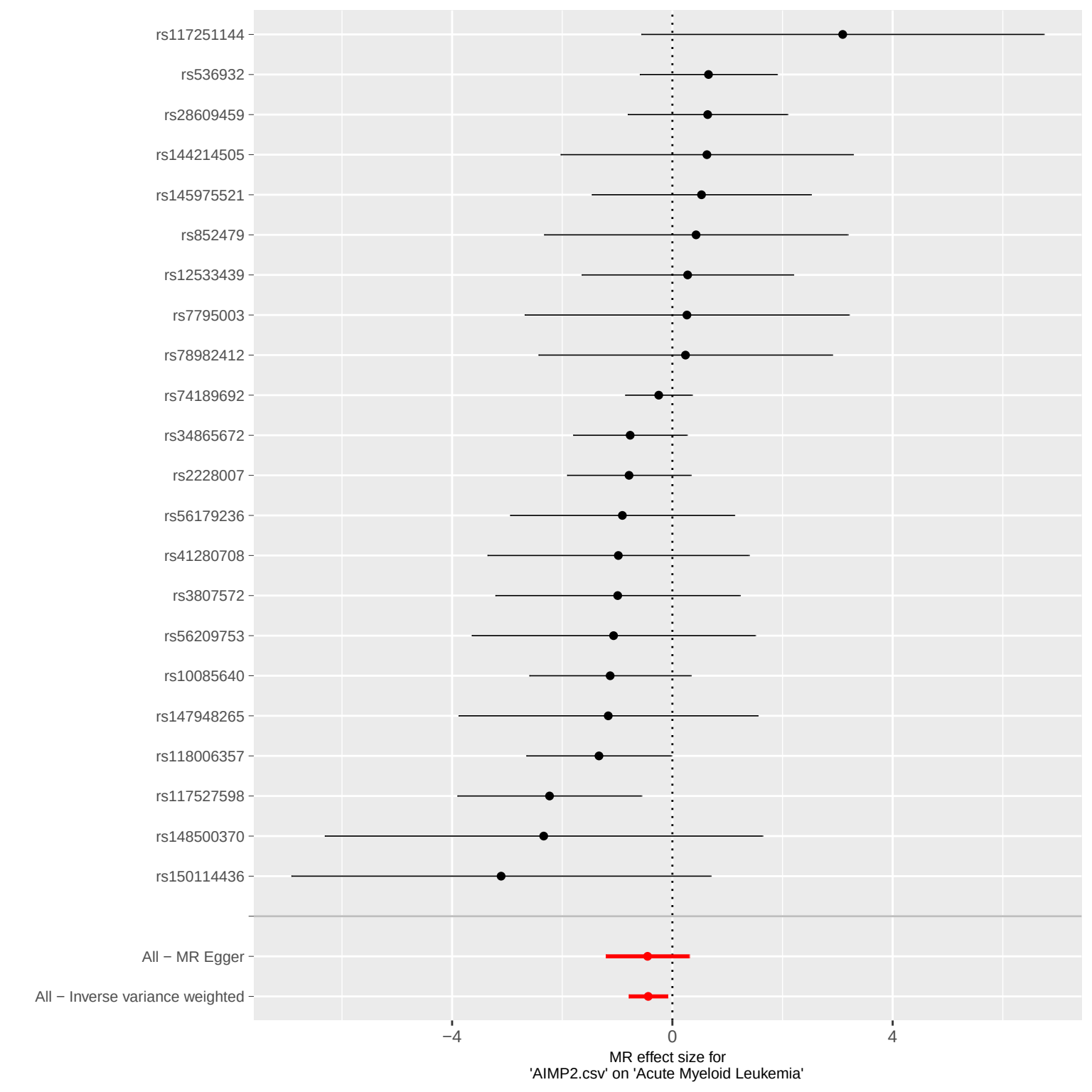
rs1144709
rs3094221
rs116749187
rs2904596
rs3130924
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'AIF1.csv' on 'Acute Myeloid Leukemia'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rs10085640
rs147948265
rs118006357
rs117527598
rs148500370
rs150114436
All − MR Egger
All − Inverse variance weighted
−4
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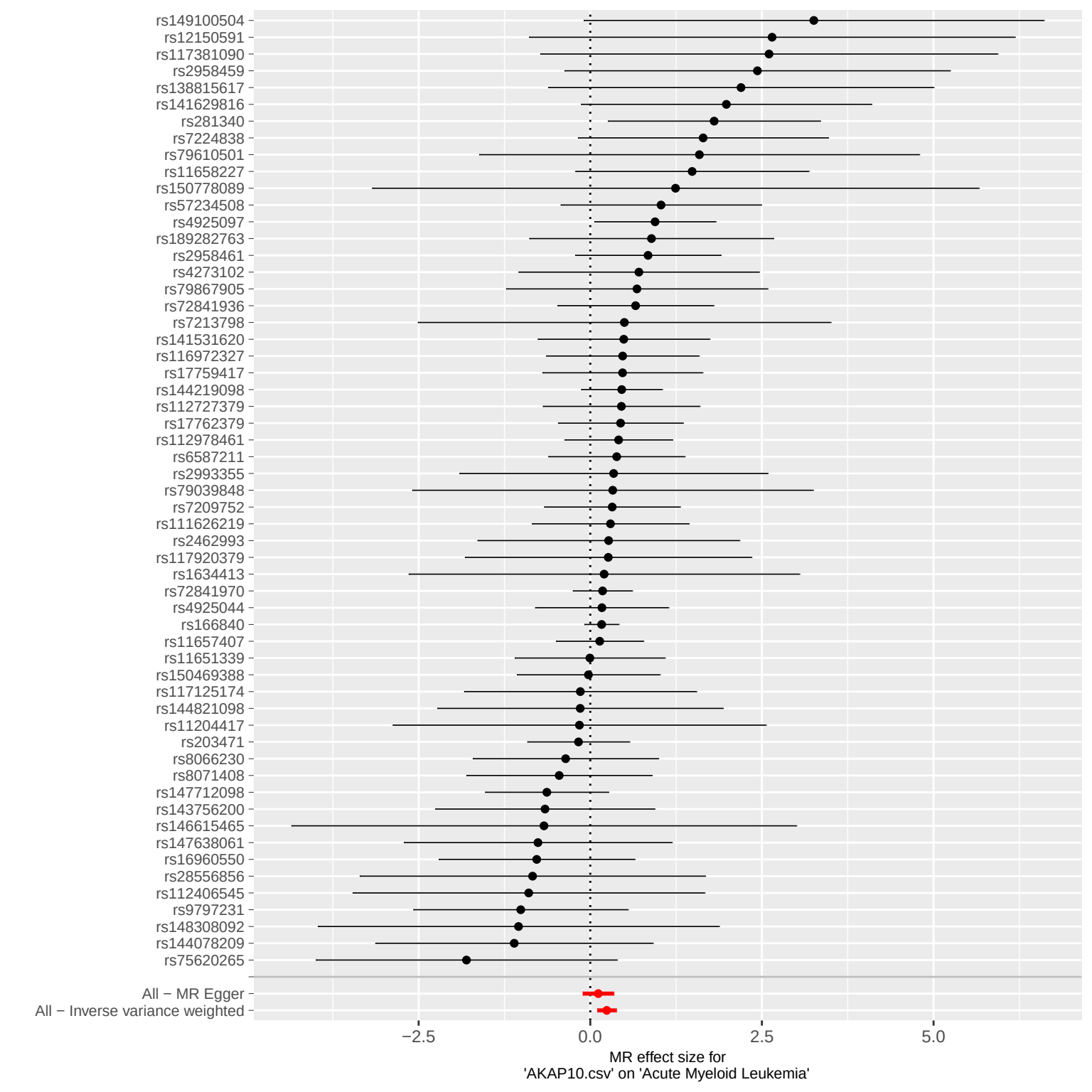
4
MR effect size for
'AIMP2.csv' on 'Acute Myeloid Leukemia'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rs75620265
All − MR Egger
All − Inverse variance weighted
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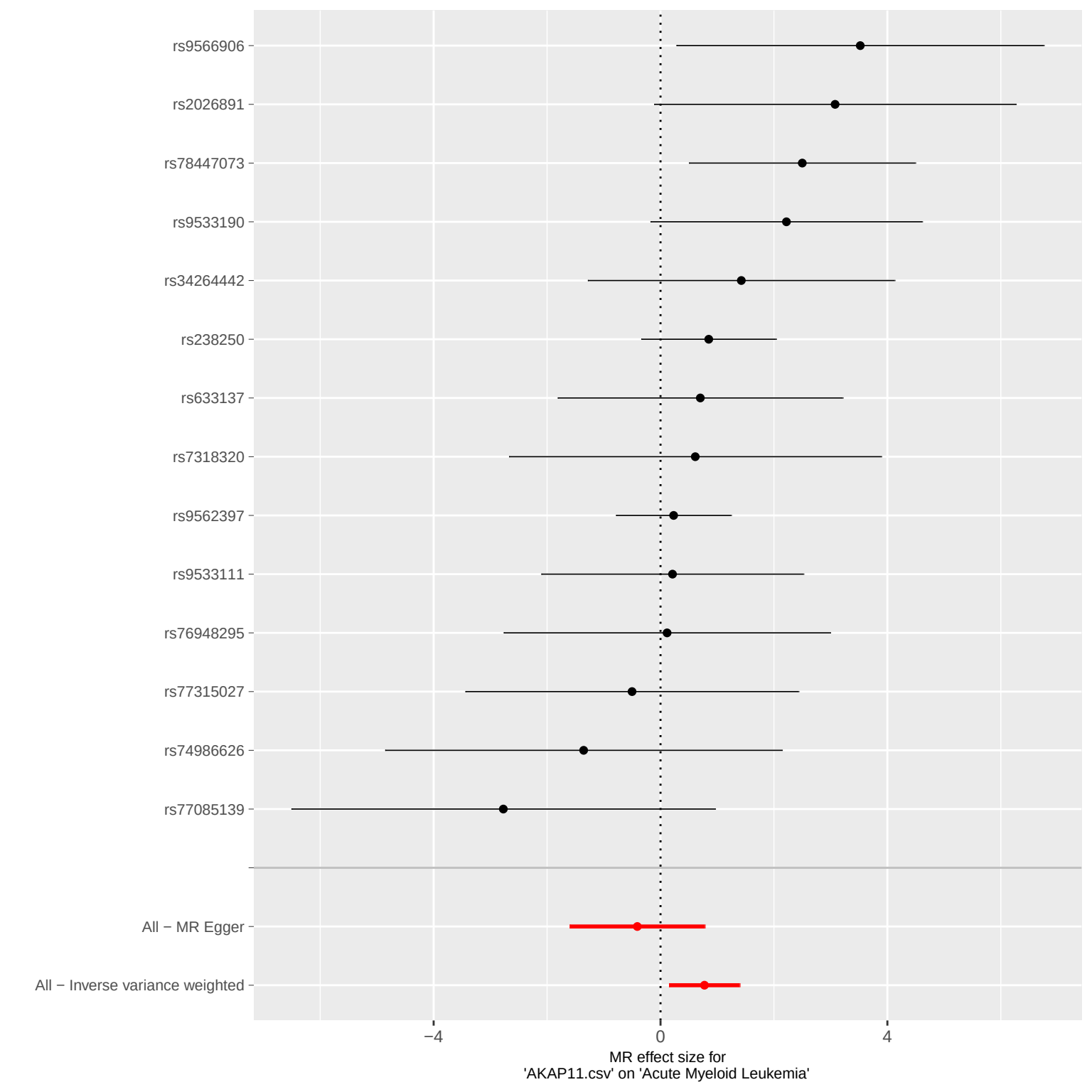
2.5
5.0
MR effect size for
'AKAP10.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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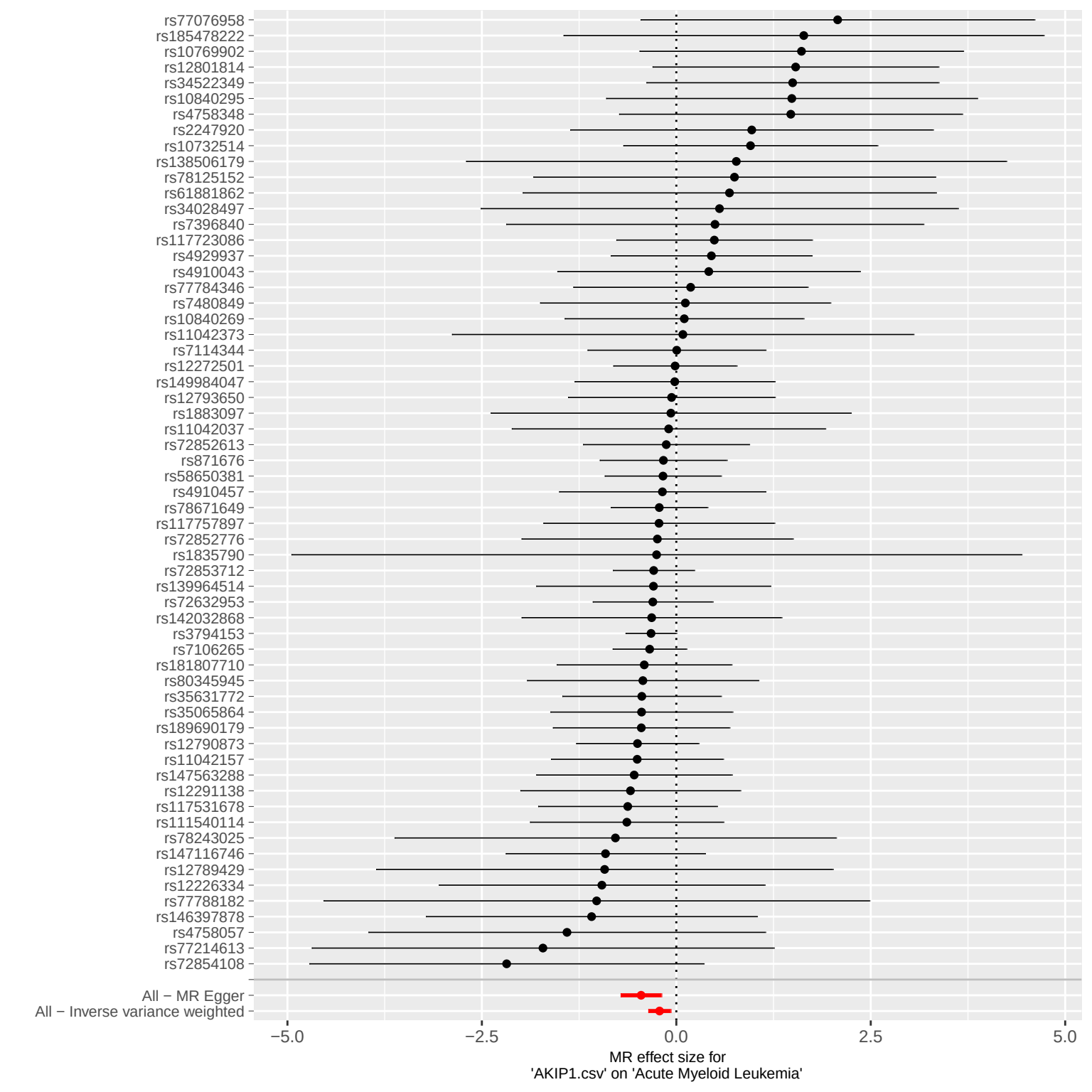
MR effect size for
'AKAP11.csv' on 'Acute Myeloid Leukemia'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rs78243025
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rs12789429
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rs77788182
rs146397878
rs4758057
rs77214613
rs72854108
All − MR Egger
All − Inverse variance weighted
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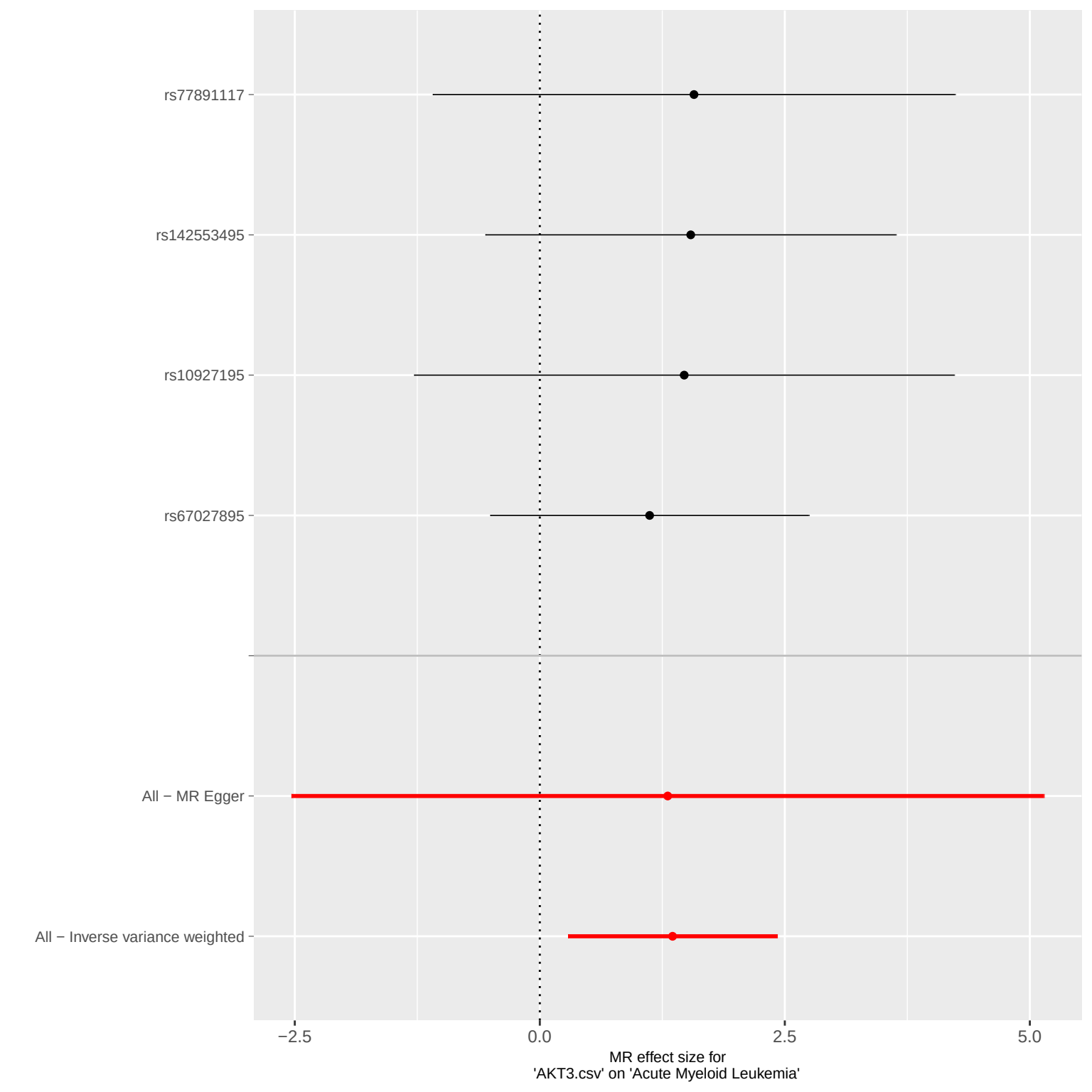
−2.5
0.0
2.5
5.0
MR effect size for
'AKIP1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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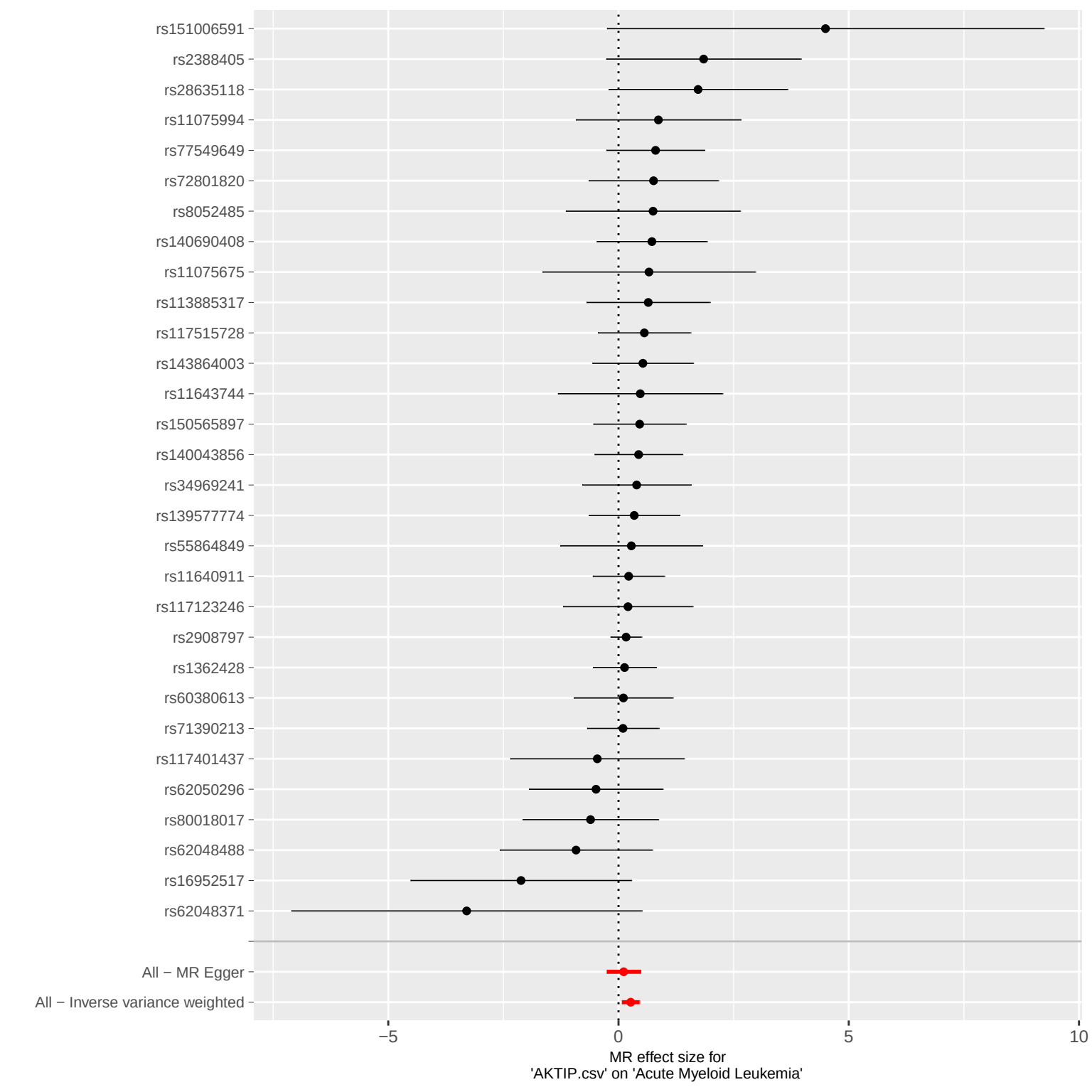
0.0
2.5
5.0
MR effect size for
'AKT3.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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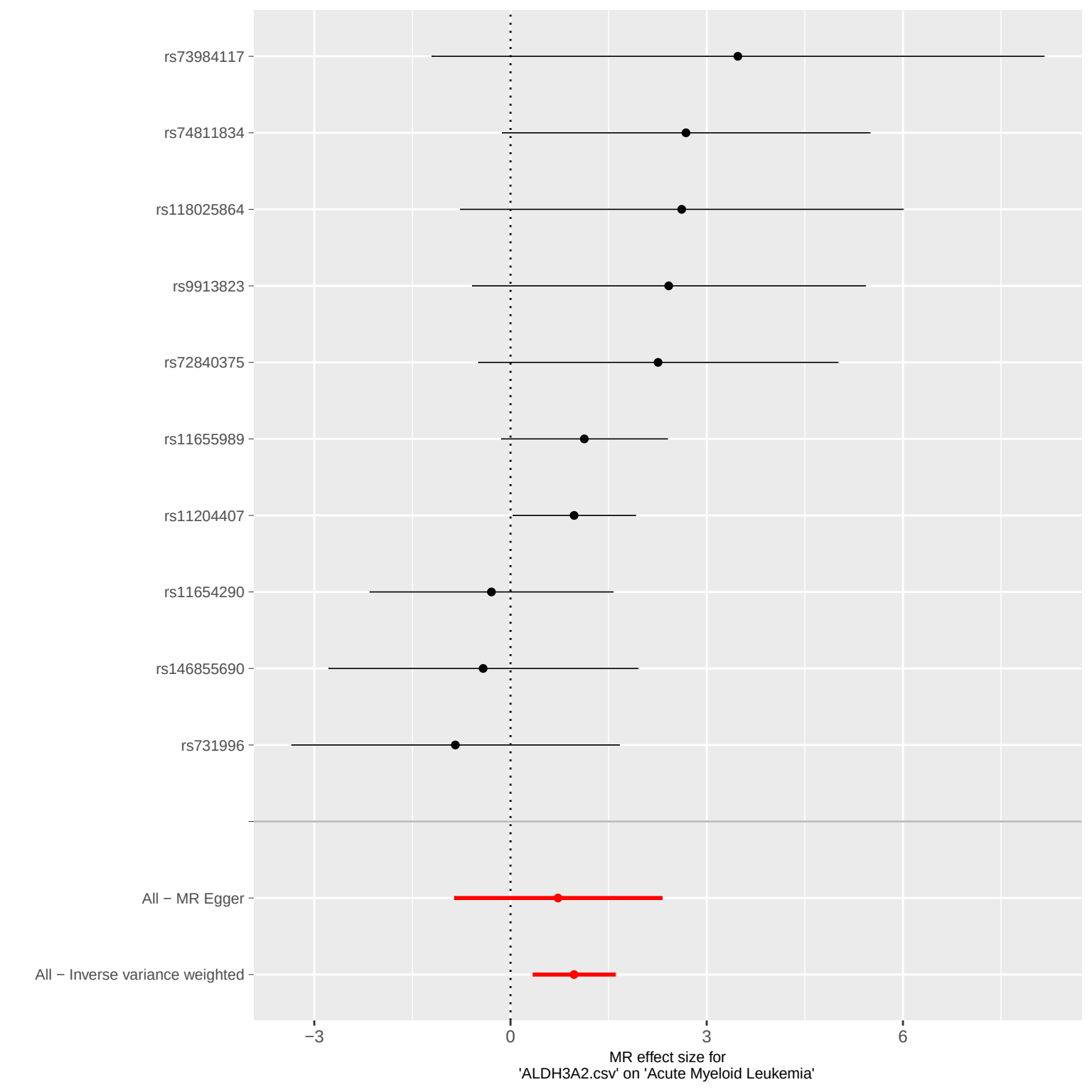
5
10
MR effect size for
'AKTIP.csv' on 'Acute Myeloid Leukemia'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rs11654290
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All − MR Egger
All − Inverse variance weighted
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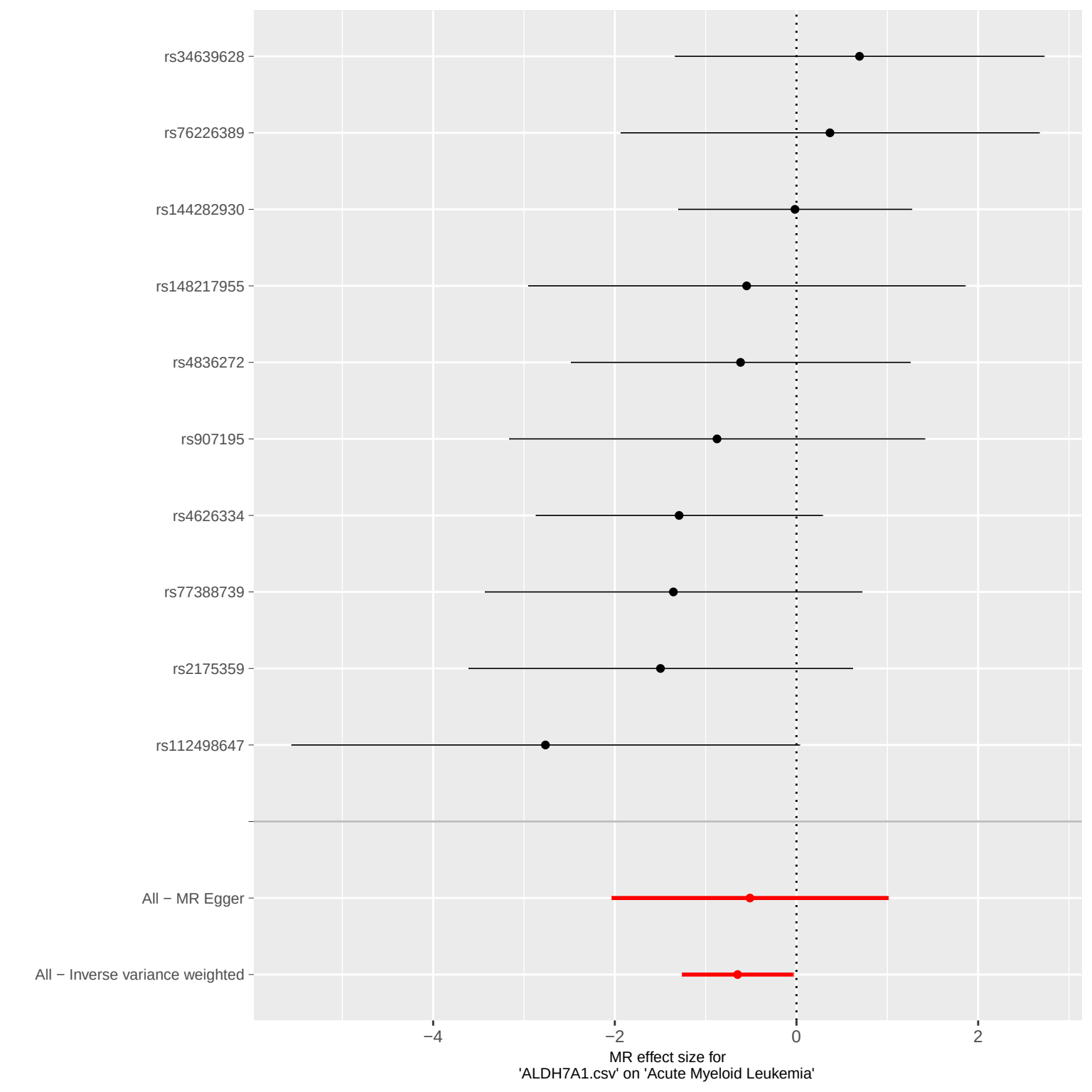
MR effect size for
'ALDH3A2.csv' on 'Acute Myeloid Leukemia'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rs2175359
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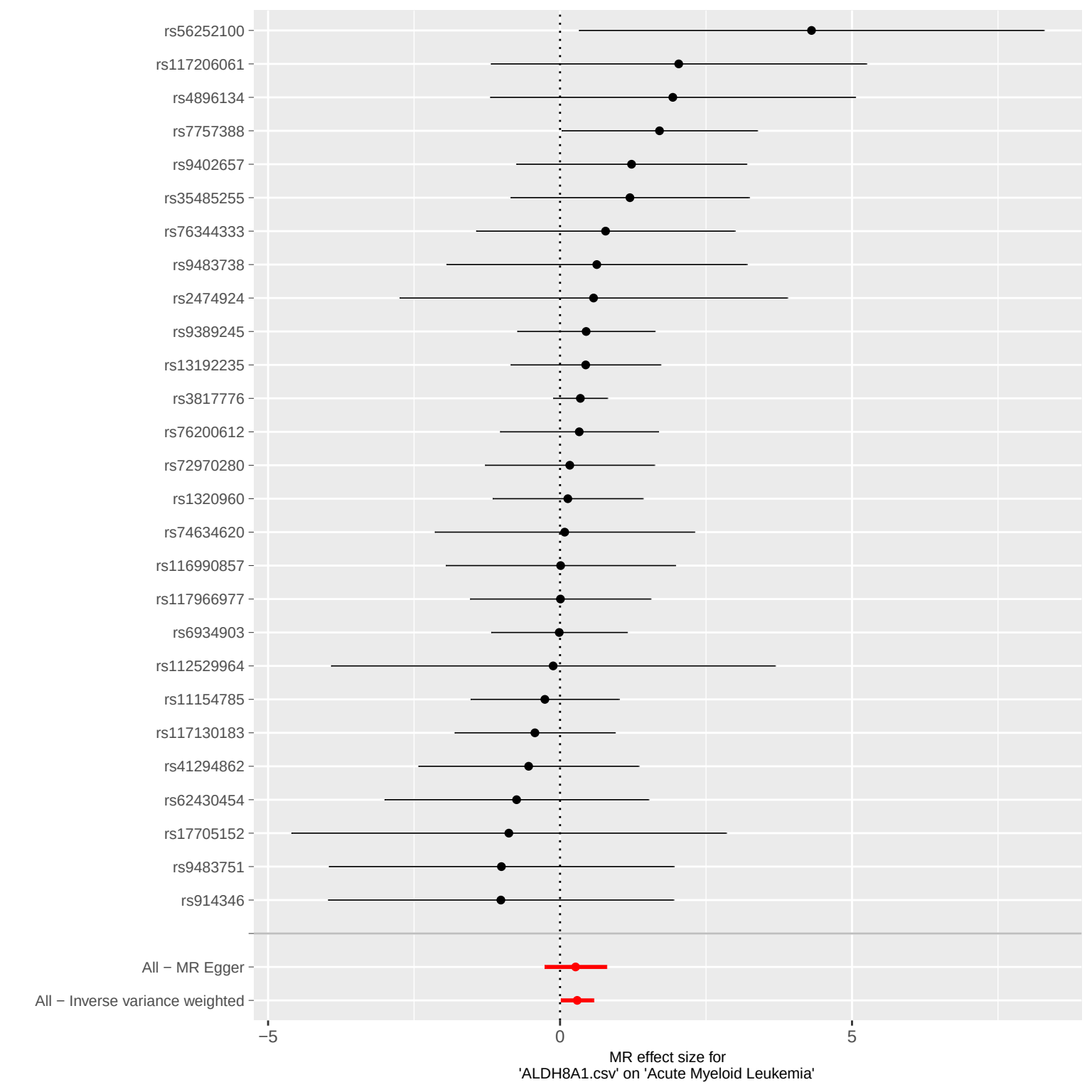
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ALDH7A1.csv' on 'Acute Myeloid Leukemia'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rs117966977
rs6934903
rs112529964
rs11154785
rs117130183
rs41294862
rs62430454
rs17705152
rs9483751
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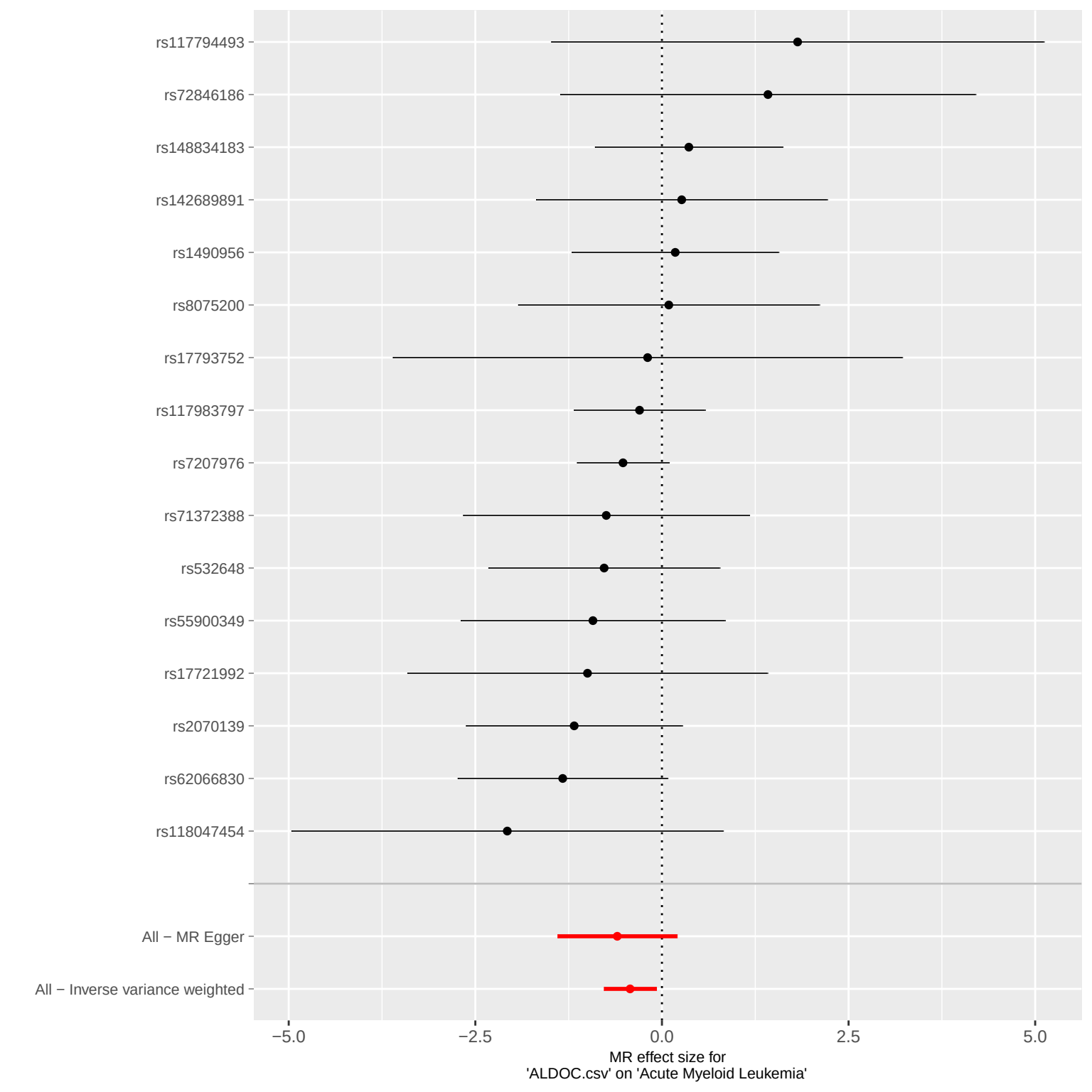
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ALDH8A1.csv' on 'Acute Myeloid Leukemia'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rs55900349
rs17721992
rs2070139
rs62066830
rs118047454
All − MR Egger
All − Inverse variance weighted
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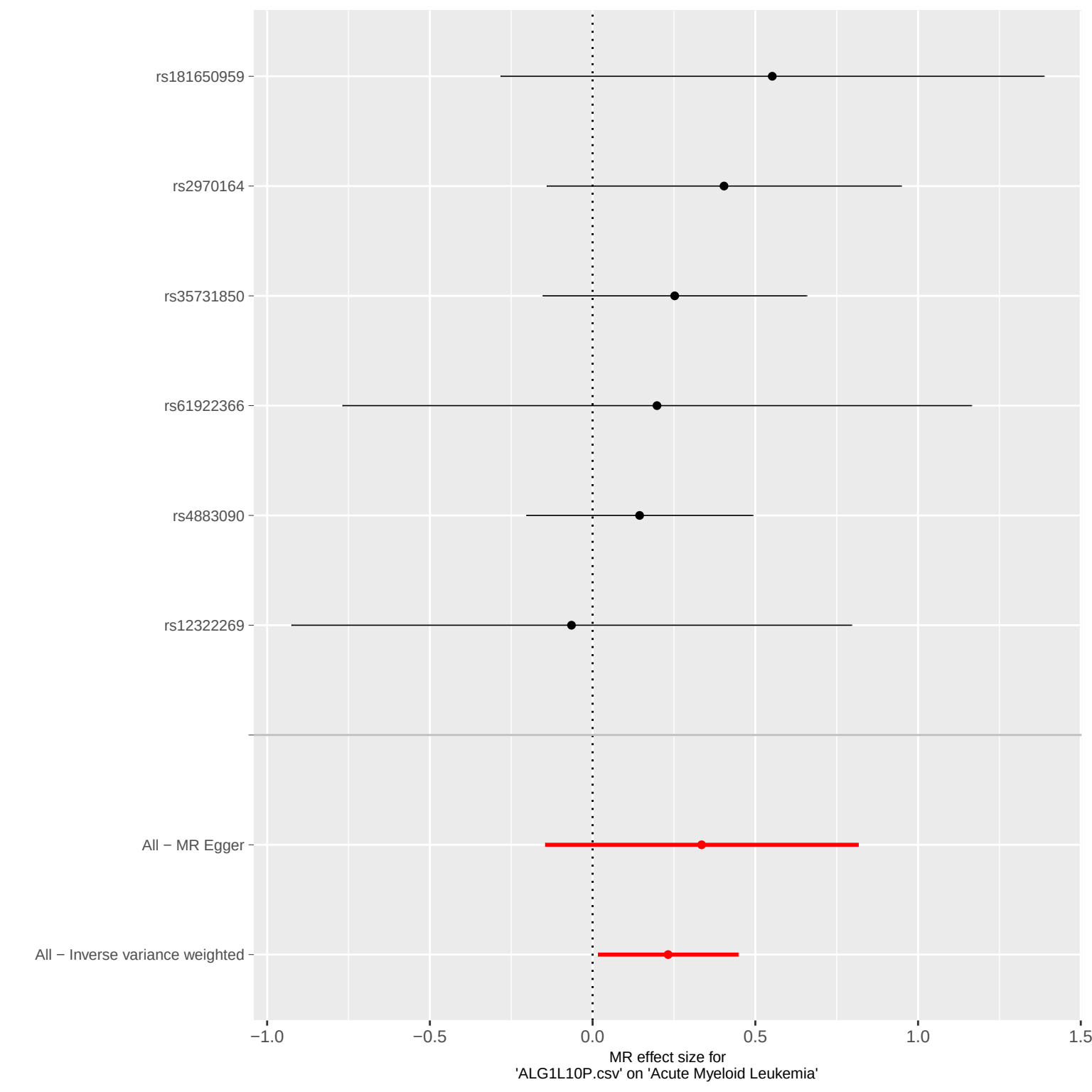
−2.5
0.0
2.5
5.0
MR effect size for
'ALDOC.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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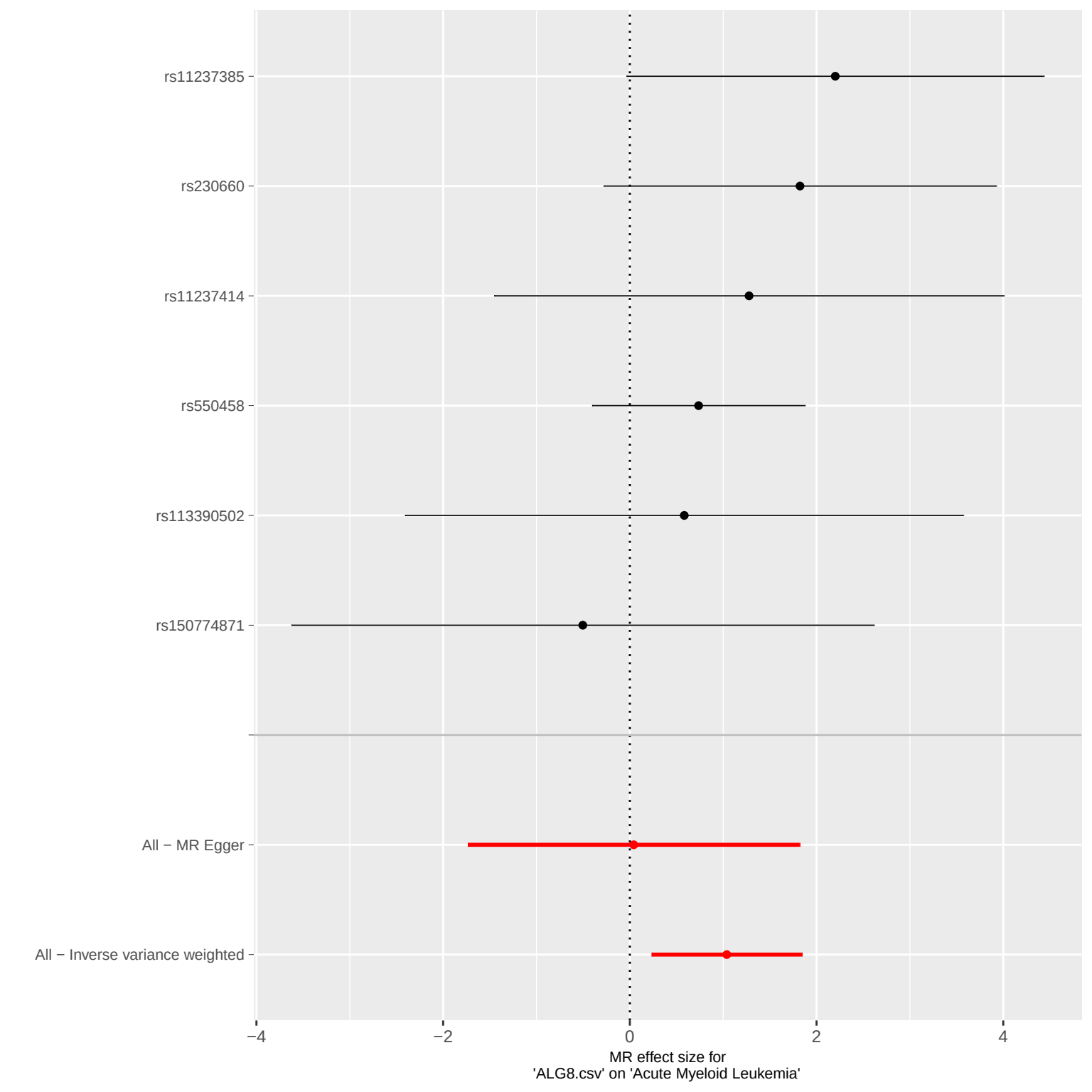
0.0
0.5
1.0
1.5
MR effect size for
'ALG1L10P.csv' on 'Acute Myeloid Leukemia'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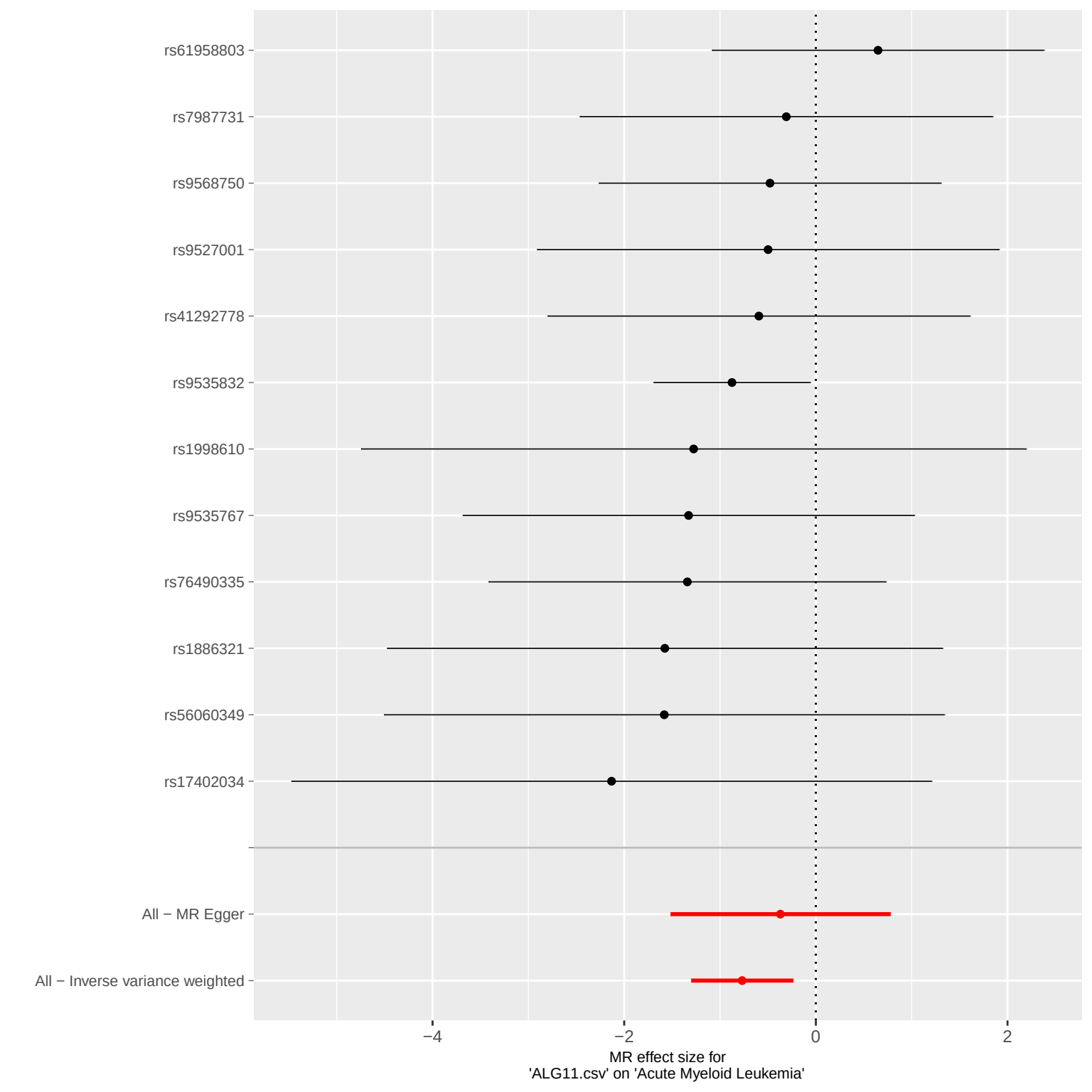
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ALG8.csv' on 'Acute Myeloid Leukemia'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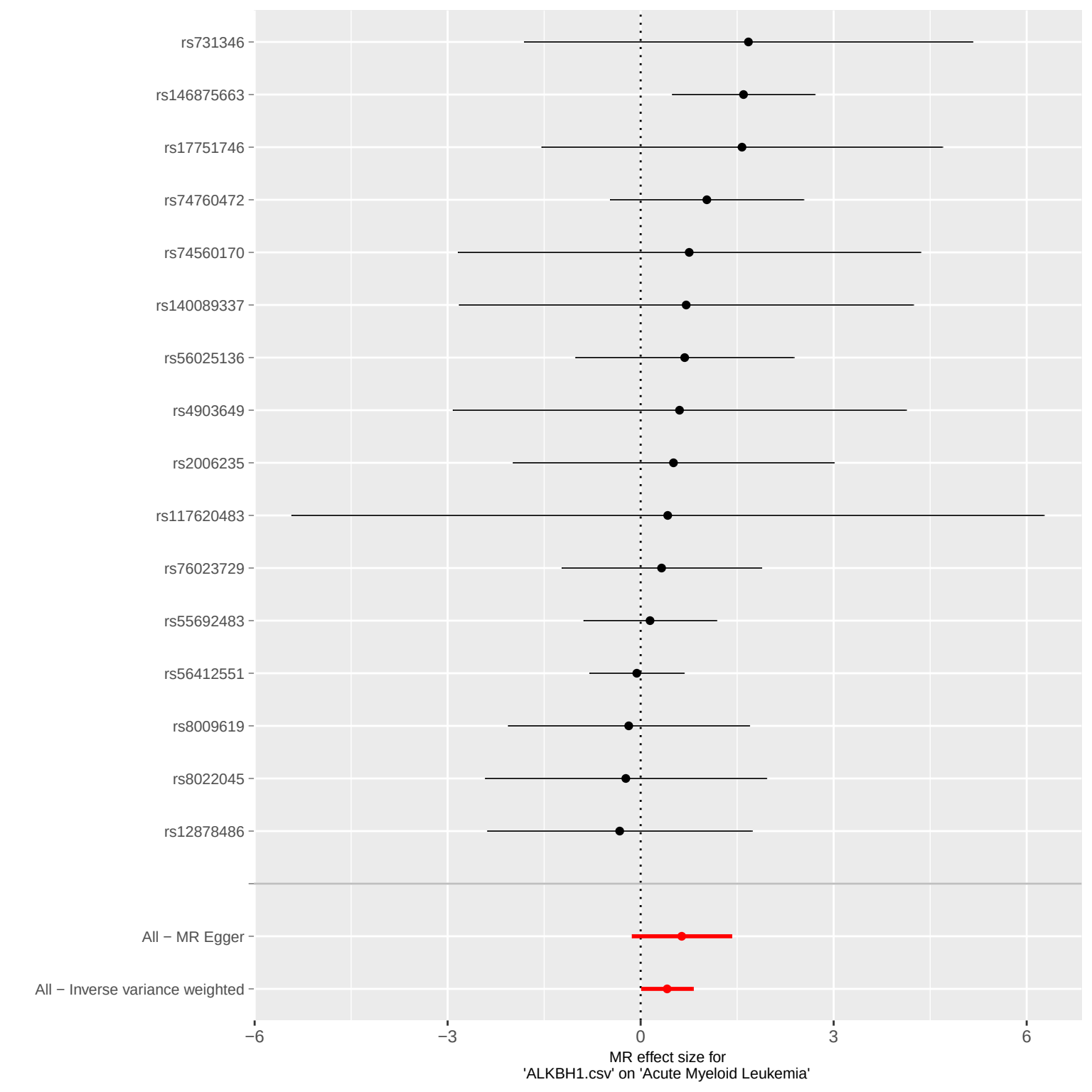
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ALG11.csv' on 'Acute Myeloid Leukemia'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rs12878486
All − MR Egger
All − Inverse variance weighted
−6
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6
MR effect size for
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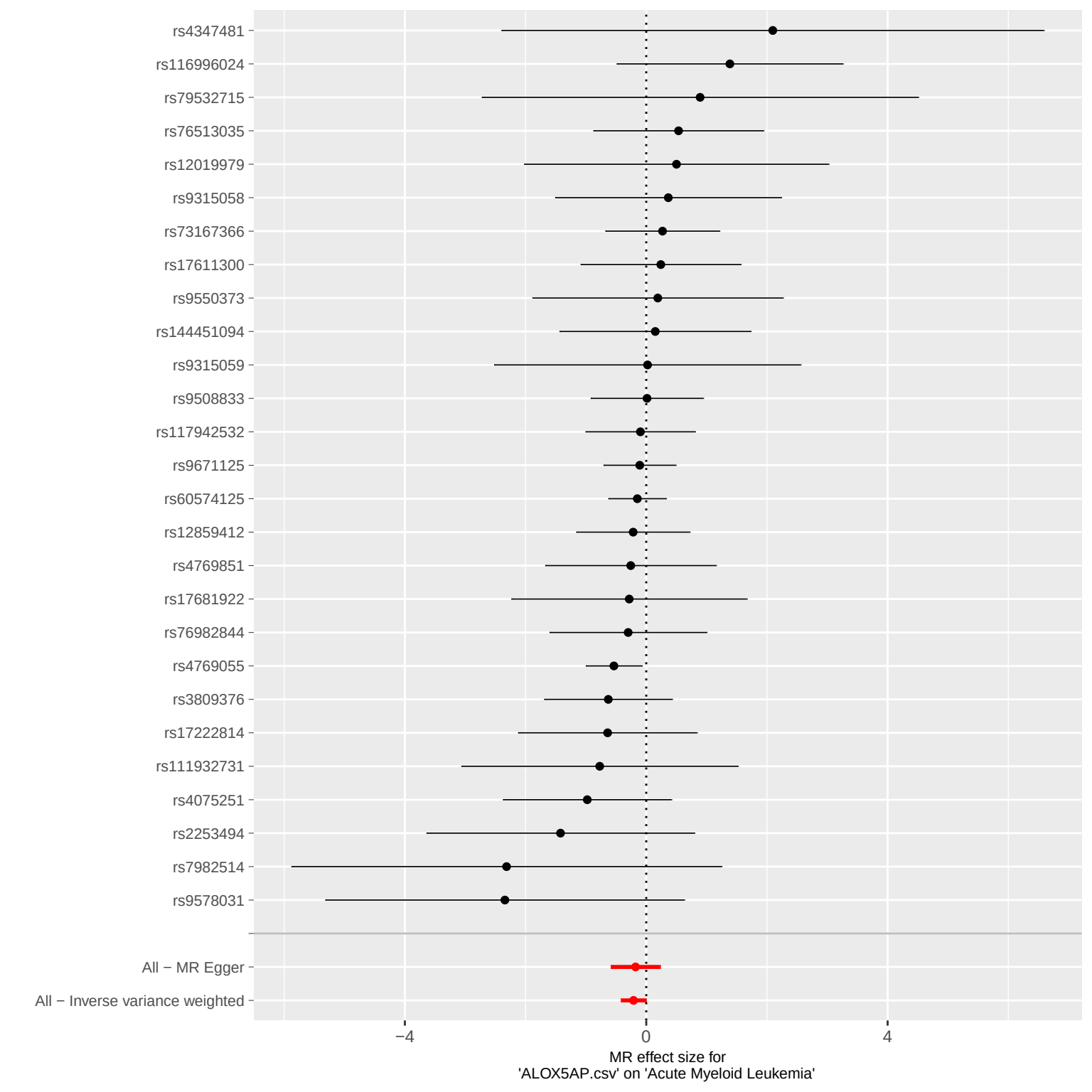
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rs4075251
rs2253494
rs7982514
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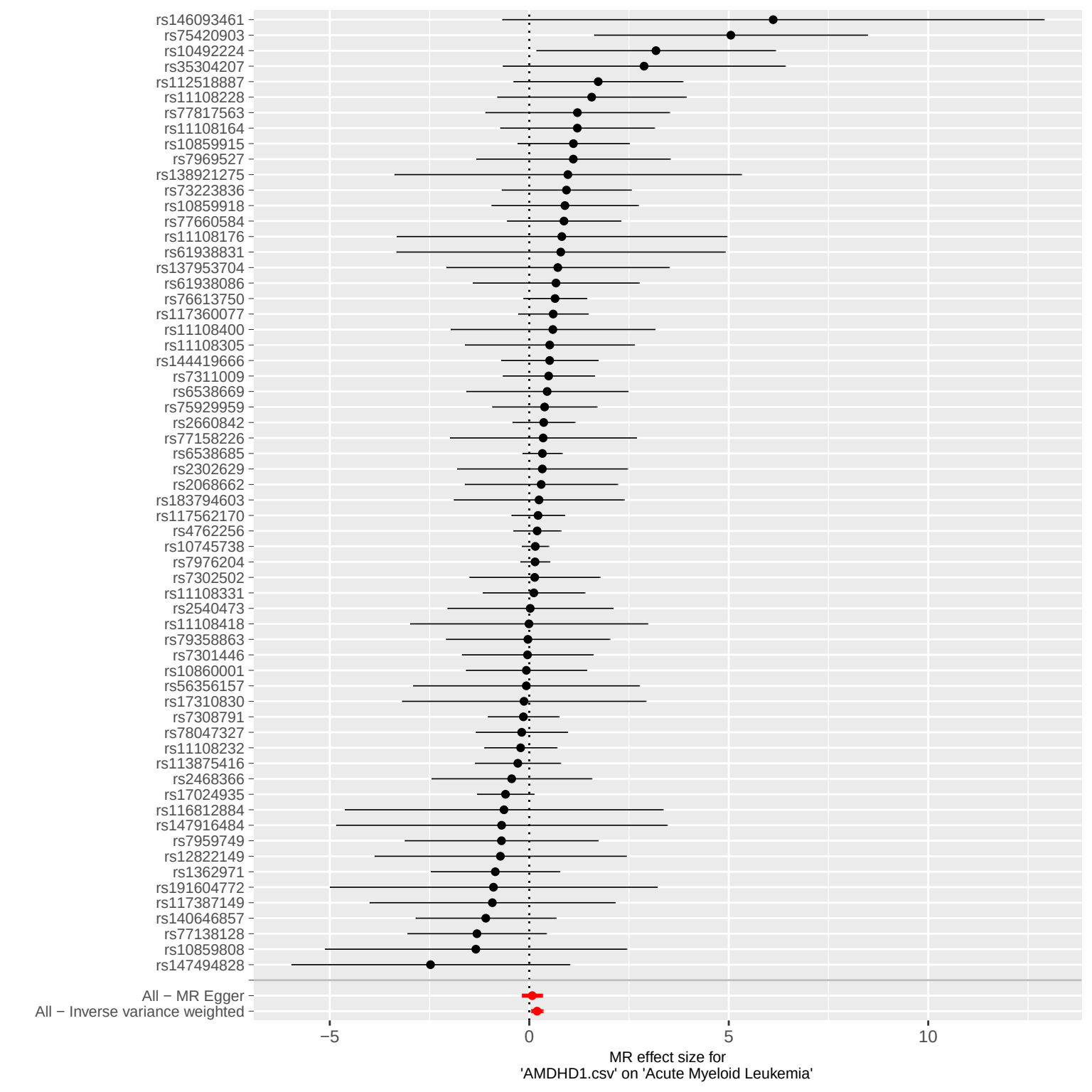
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ALOX5AP.csv' on 'Acute Myeloid Leukemia'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rs12822149
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rs117387149
rs140646857
rs77138128
rs10859808
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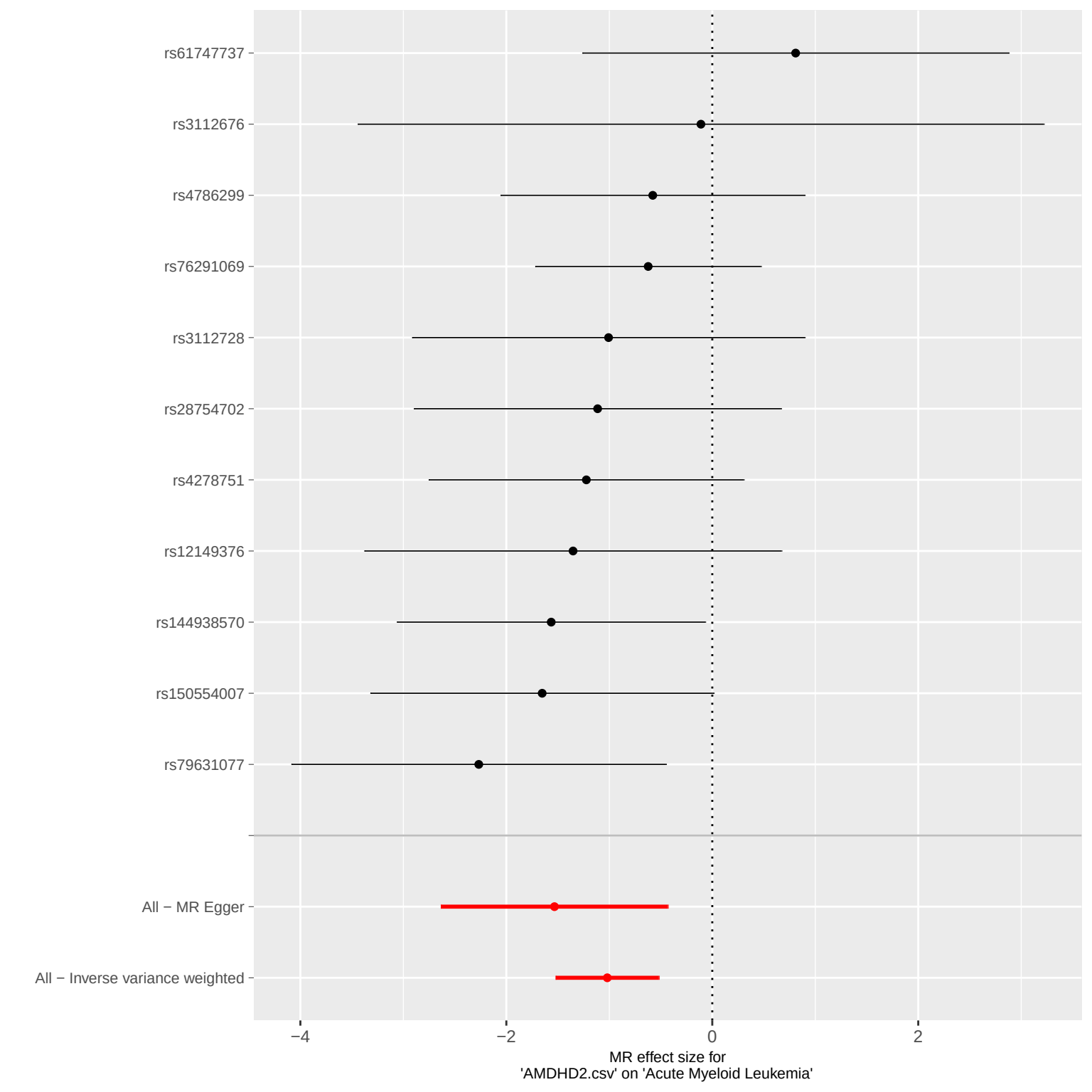
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'AMDHD1.csv' on 'Acute Myeloid Leukemia'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rs3112728
rs28754702
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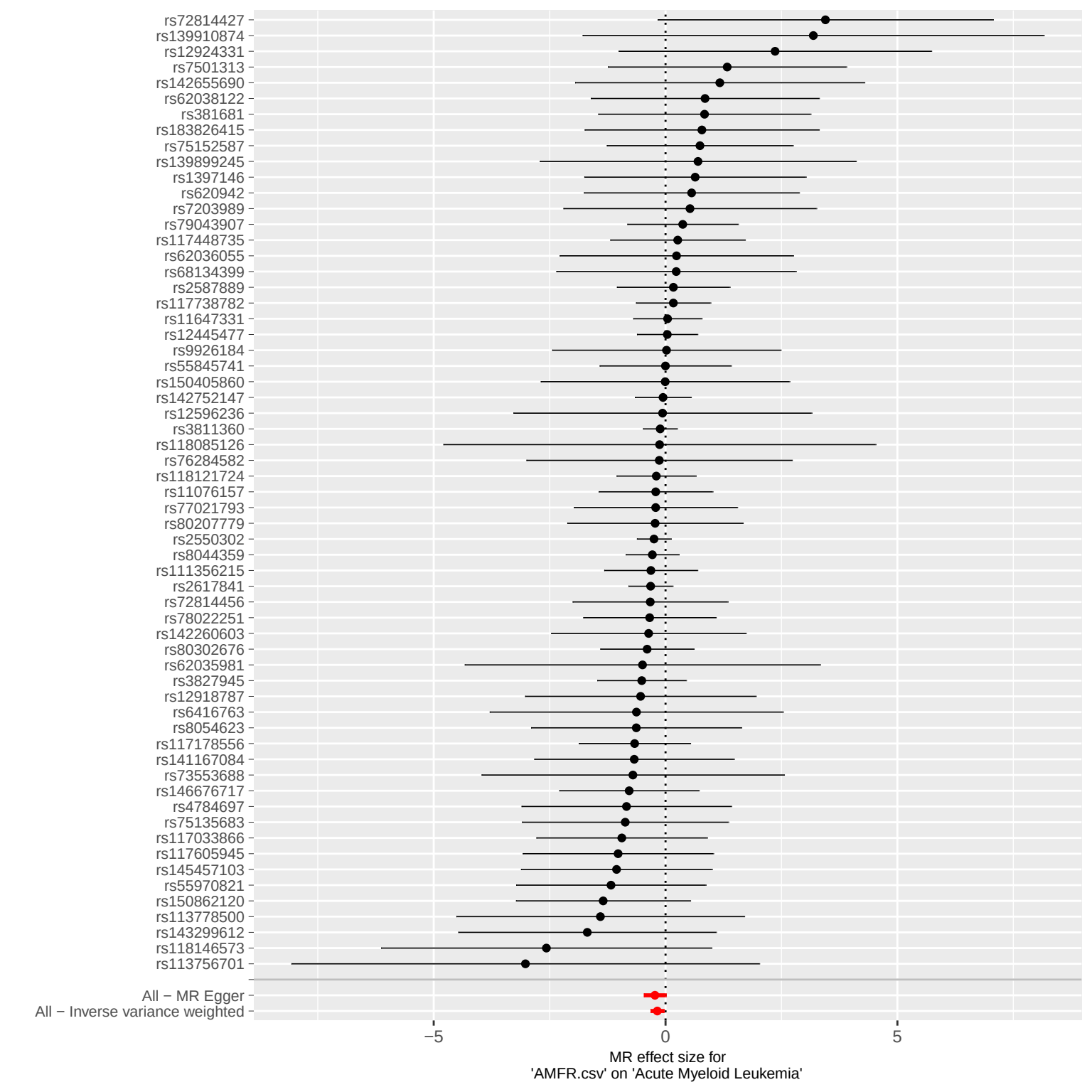
rs12149376
rs144938570
rs150554007
rs79631077
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'AMDHD2.csv' on 'Acute Myeloid Leukemia'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rs75135683
rs117033866
rs117605945
rs145457103
rs55970821
rs150862120
rs113778500
rs143299612
rs118146573
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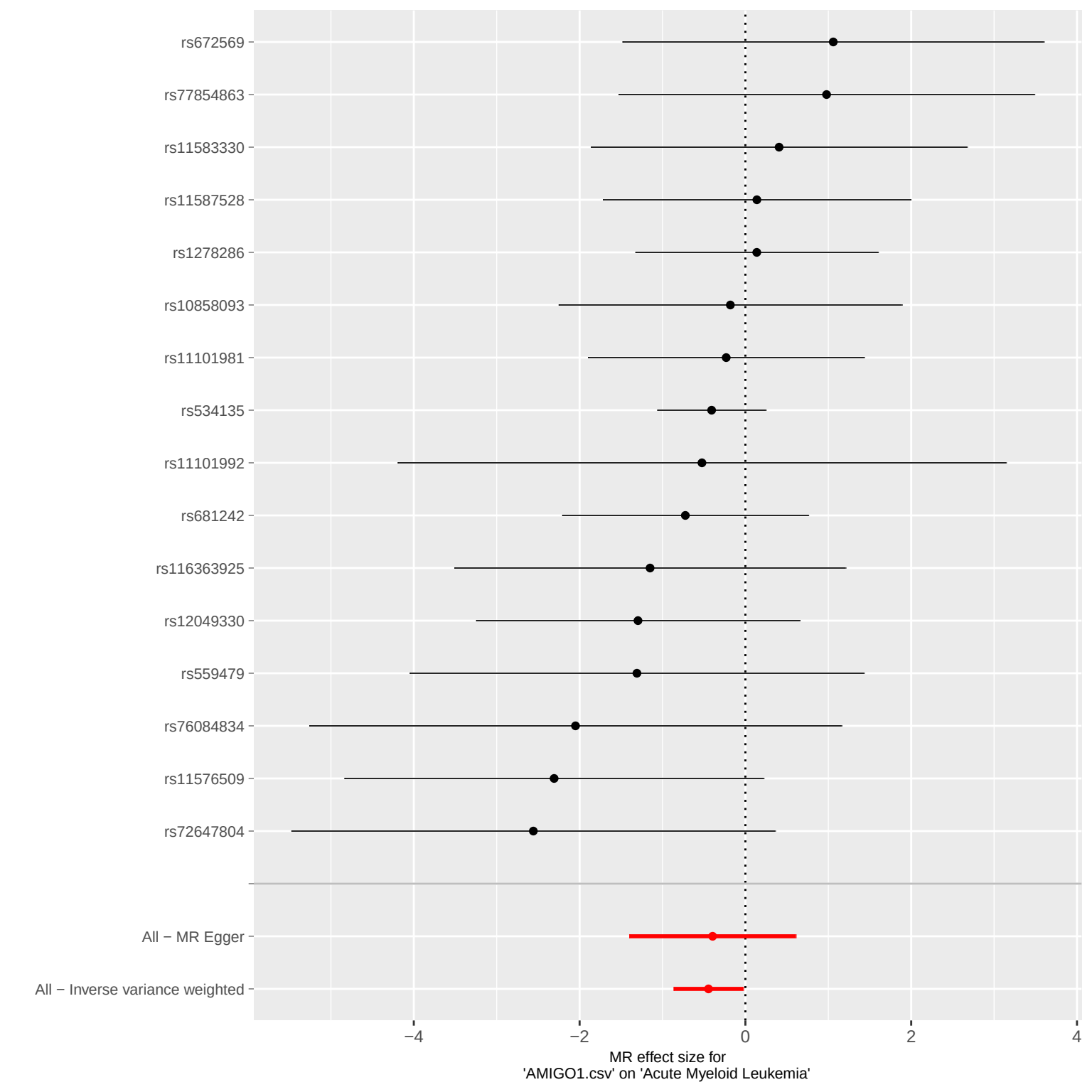
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'AMFR.csv' on 'Acute Myeloid Leukemia'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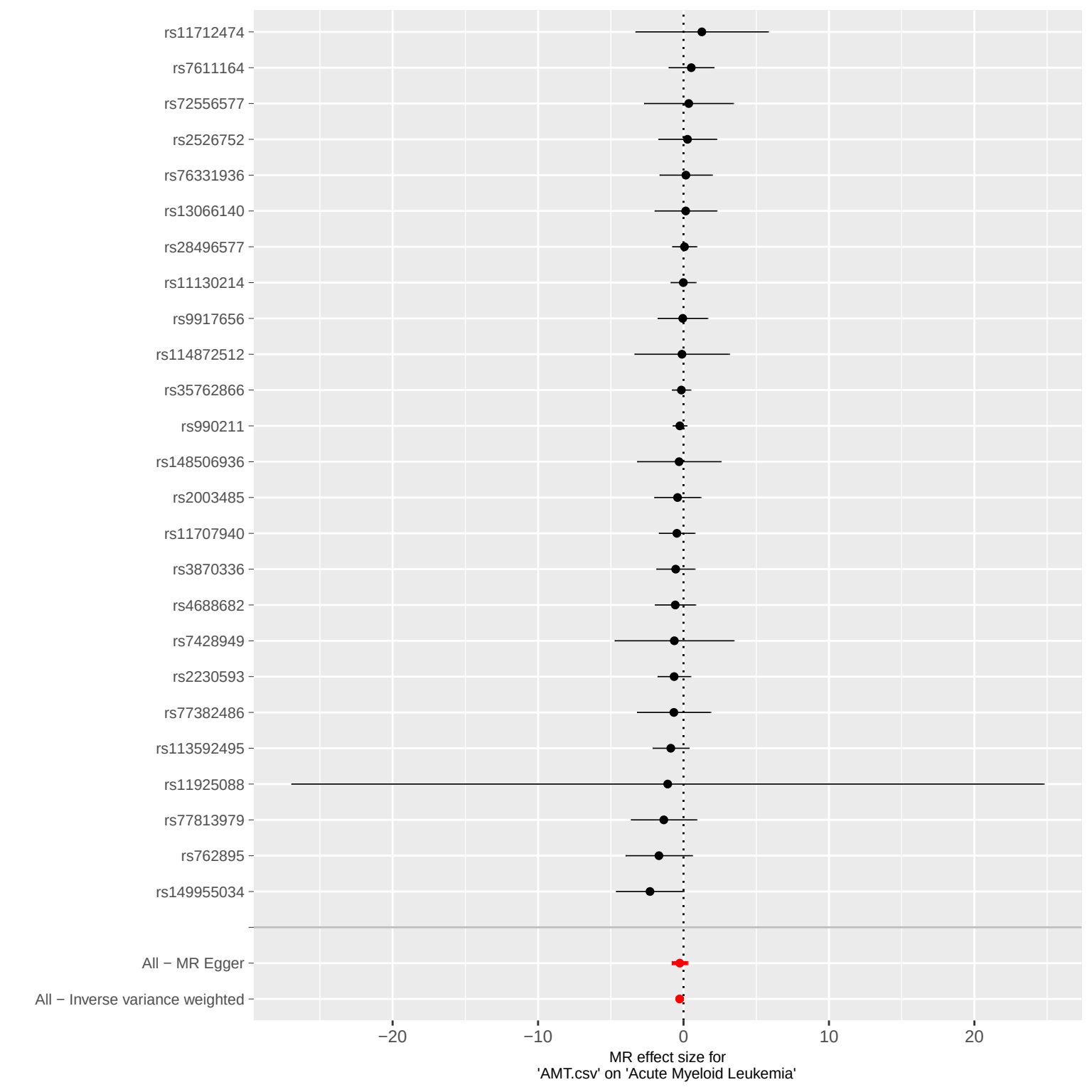
rs12049330
rs559479
rs76084834
rs11576509
rs72647804
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'AMIGO1.csv' on 'Acute Myeloid Leukemia'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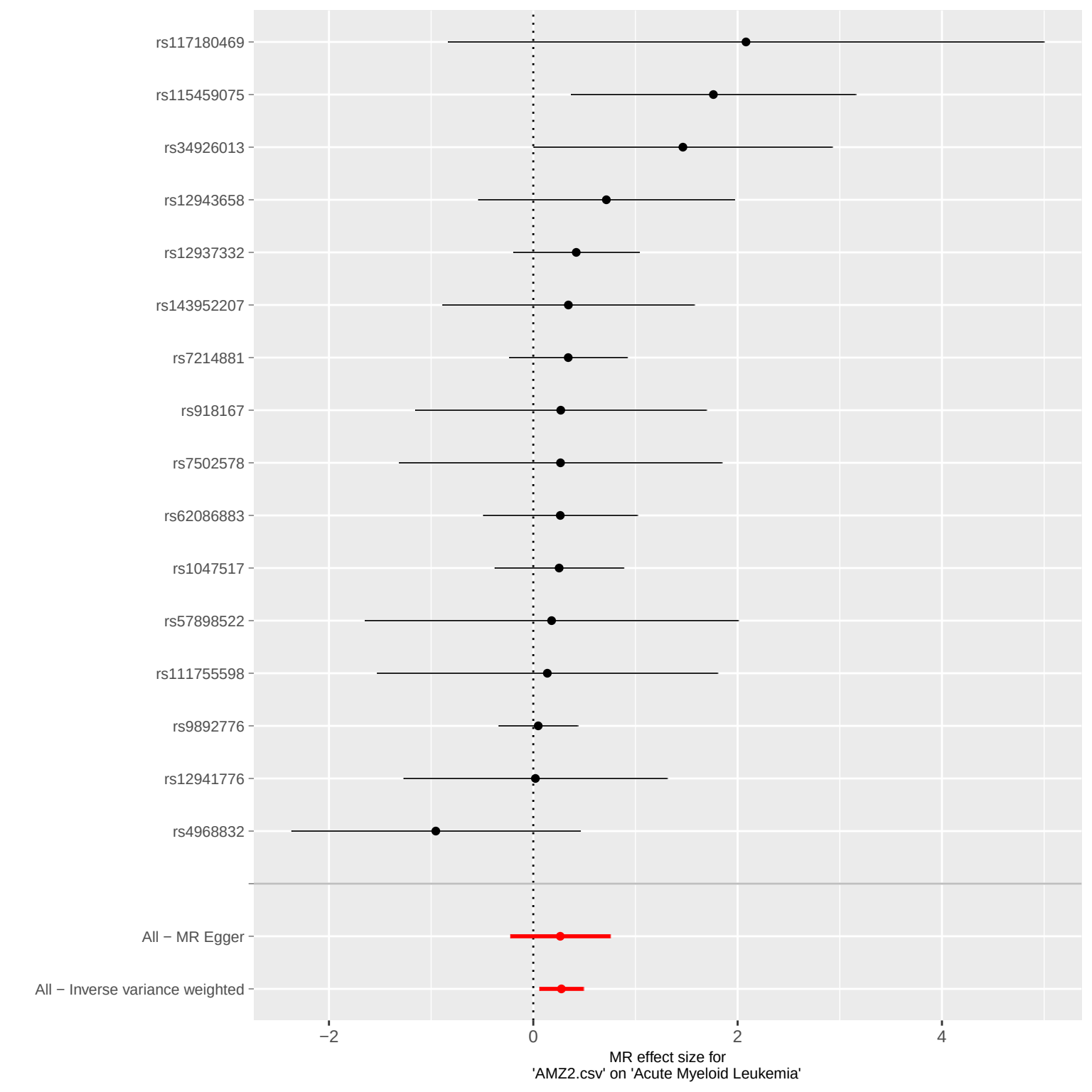
rs990211
rs148506936
rs2003485
rs11707940
rs3870336
rs4688682
rs7428949
rs2230593
rs77382486
rs113592495
rs11925088
rs77813979
rs762895
rs149955034
All − MR Egger
All − Inverse variance weighted
−20
−10
0
10
20
MR effect size for
'AMT.csv' on 'Acute Myeloid Leukemia'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rs918167
rs7502578
rs62086883
rs1047517
rs57898522
rs111755598
rs9892776
rs12941776
rs4968832
All − MR Egger
All − Inverse variance weighted
−2
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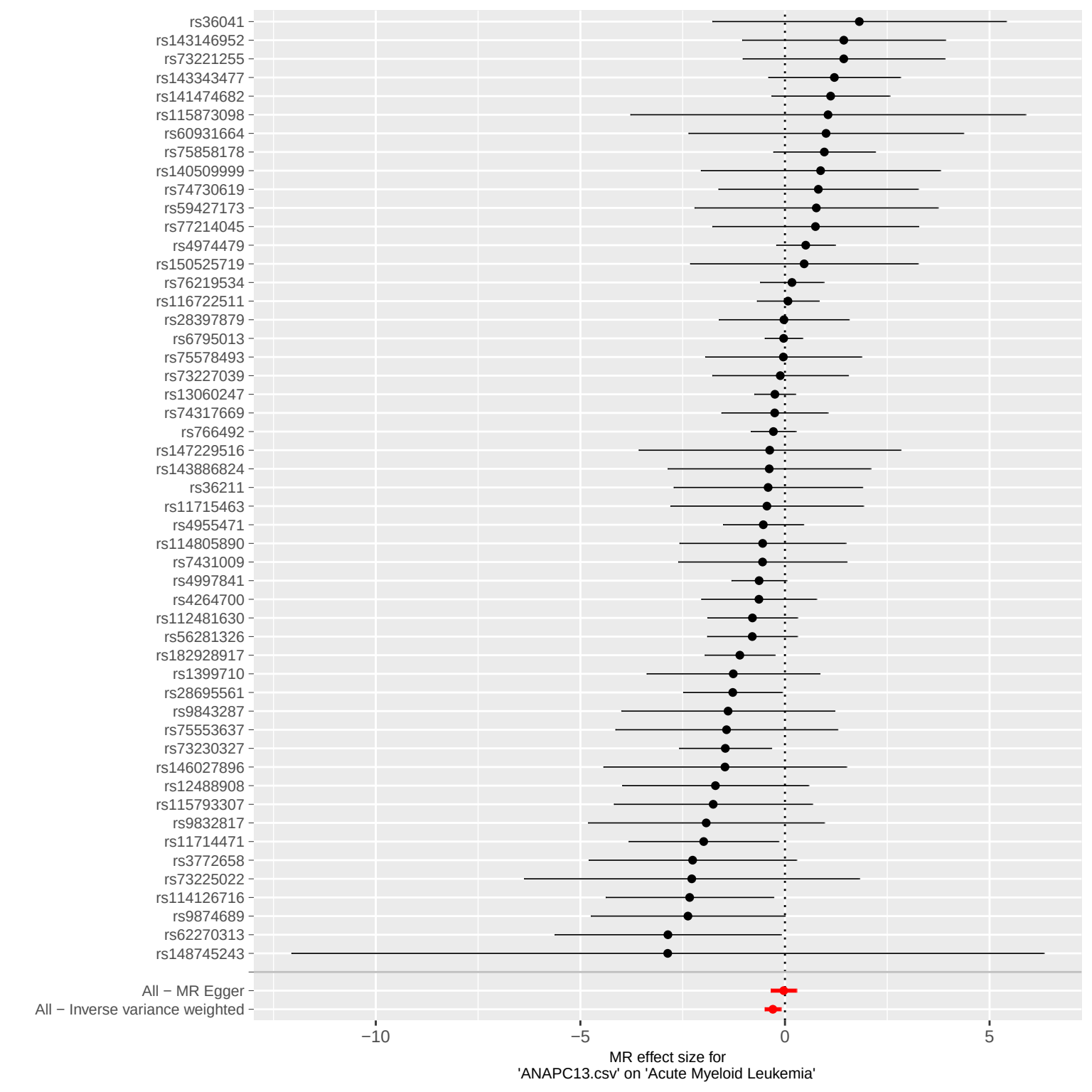
2
4
MR effect size for
'AMZ2.csv' on 'Acute Myeloid Leukemia'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rs6795013
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rs73227039
rs13060247
rs74317669
rs766492
rs147229516
rs143886824
rs36211
rs11715463
rs4955471
rs114805890
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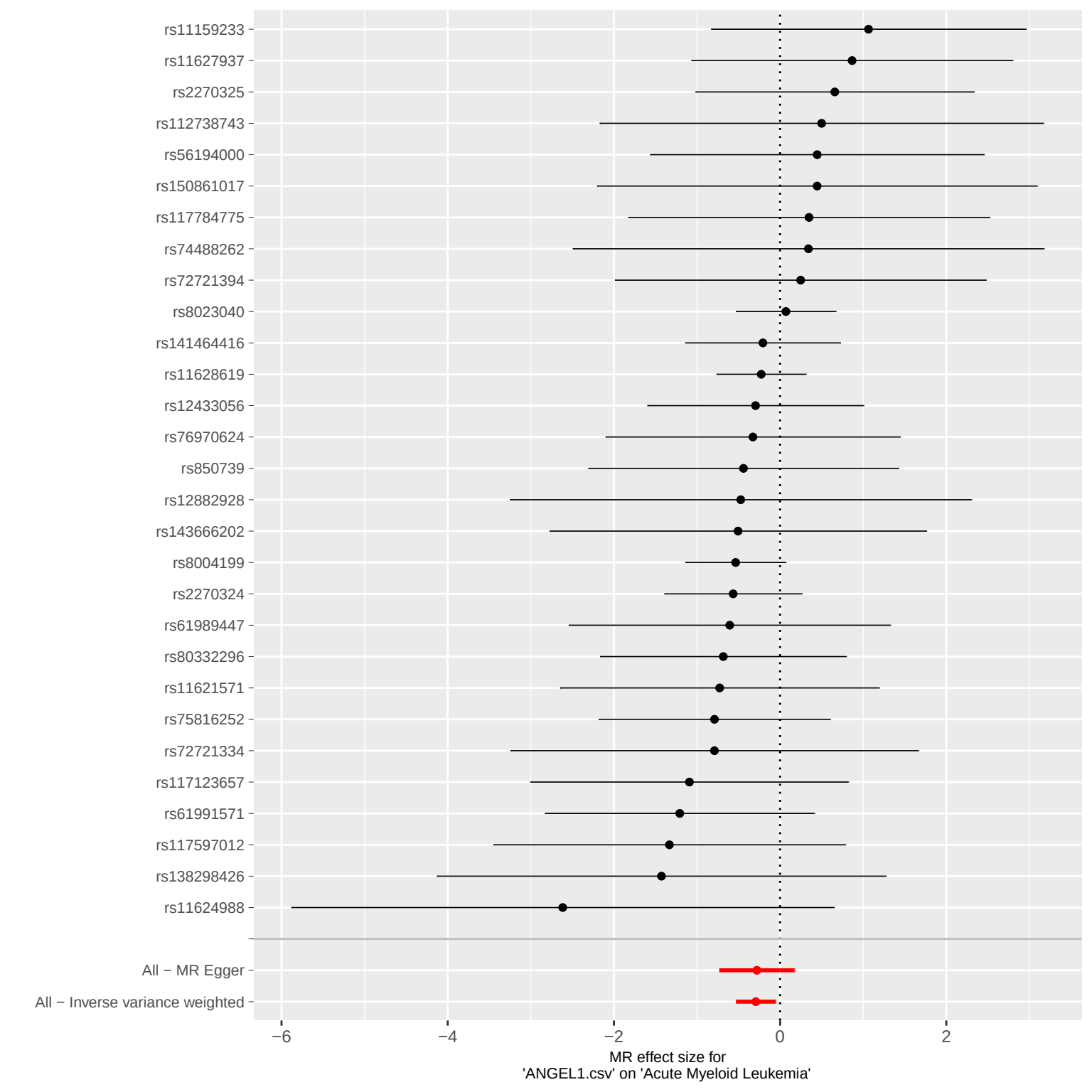
rs3772658
rs73225022
rs114126716
rs9874689
rs62270313
rs148745243
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ANAPC13.csv' on 'Acute Myeloid Leukemia'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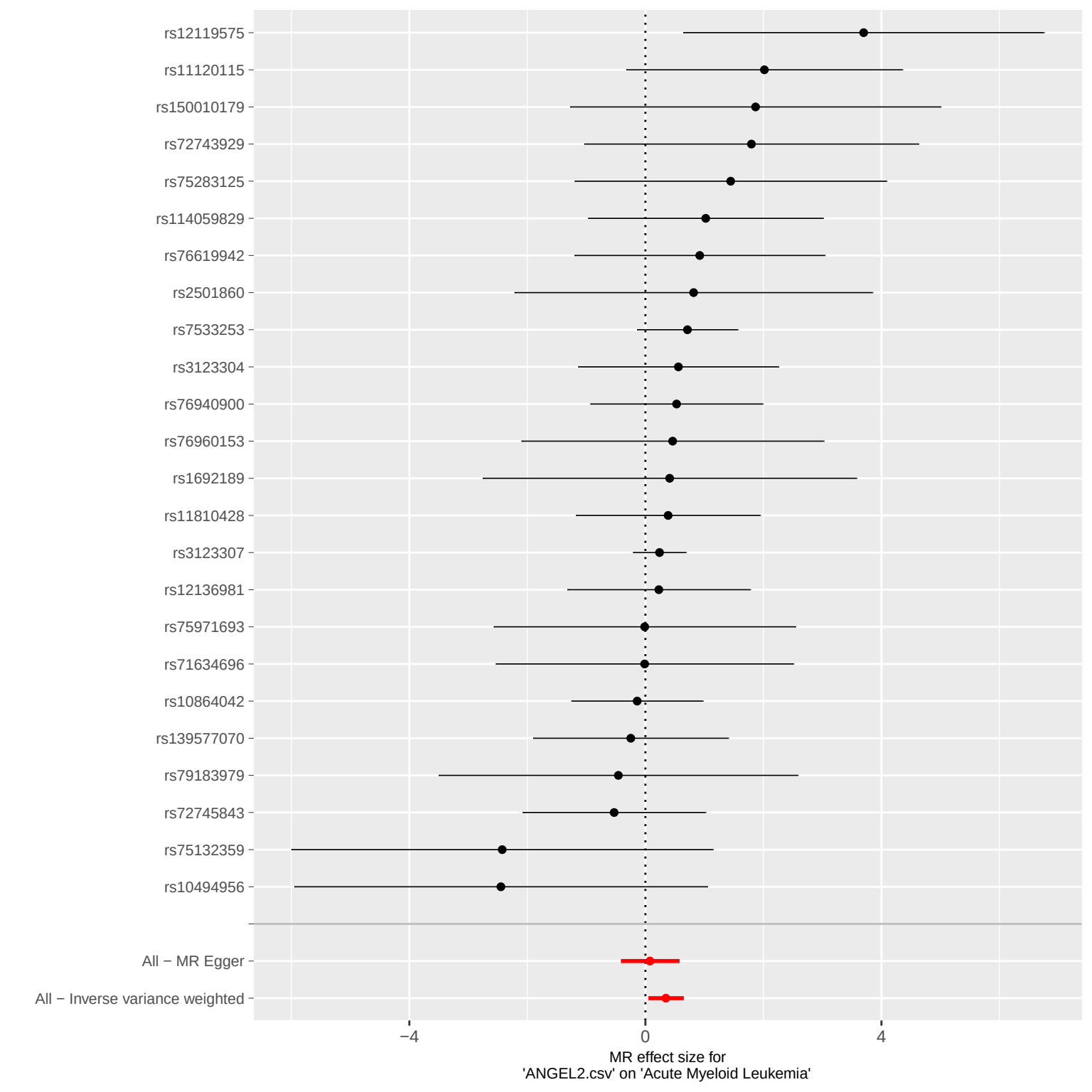
rs61989447
rs80332296
rs11621571
rs75816252
rs72721334
rs117123657
rs61991571
rs117597012
rs138298426
rs11624988
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ANGEL1.csv' on 'Acute Myeloid Leukemia'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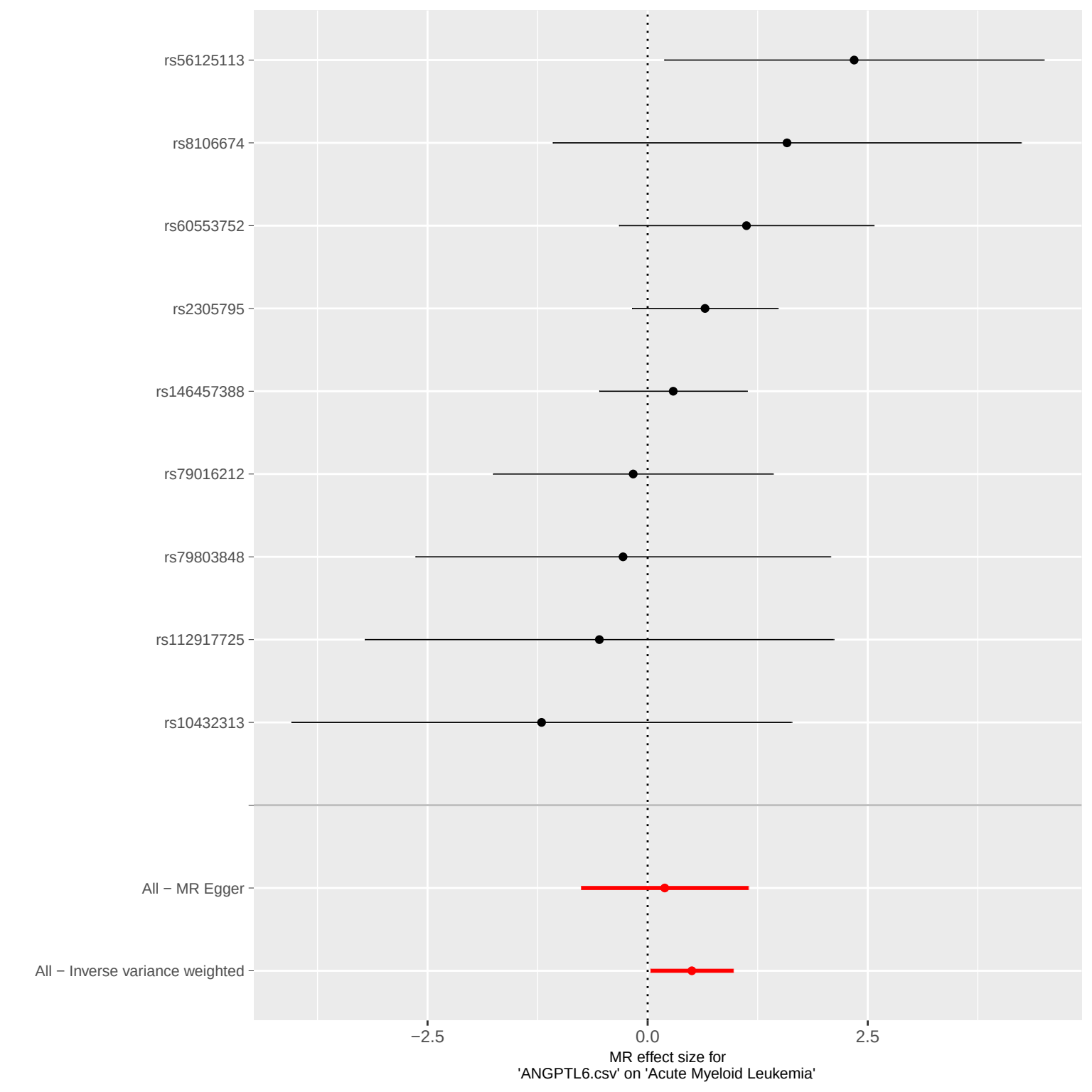
rs76960153
rs1692189
rs11810428
rs3123307
rs12136981
rs75971693
rs71634696
rs10864042
rs139577070
rs79183979
rs72745843
rs75132359
rs10494956
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ANGEL2.csv' on 'Acute Myeloid Leukemia'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rs60553752
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rs79016212
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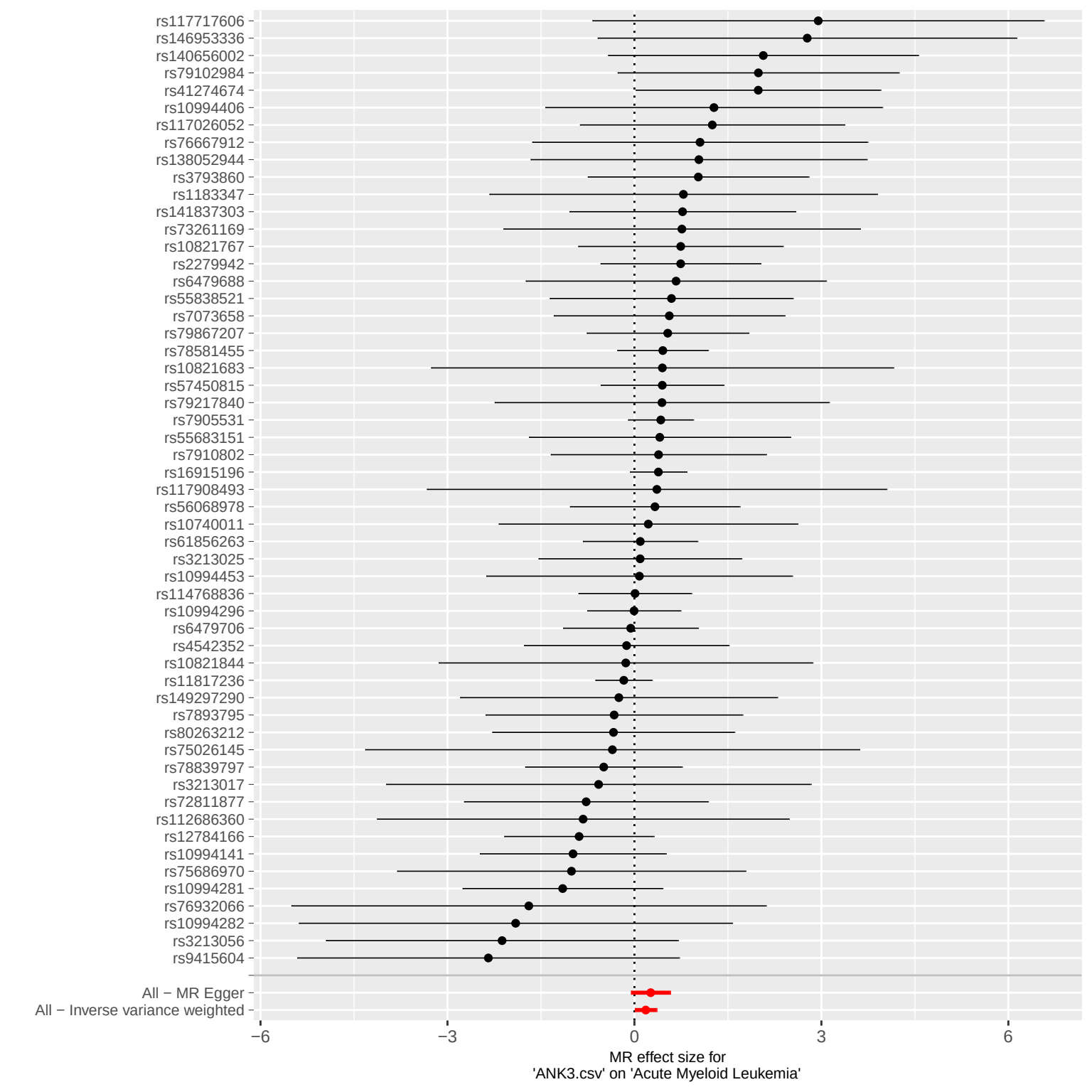
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'ANGPTL6.csv' on 'Acute Myeloid Leukemia'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rs141837303
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rs2279942
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rs7073658
rs79867207
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rs10821683
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rs55683151
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rs10740011
rs61856263
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rs6479706
rs4542352
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rs78839797
rs3213017
rs72811877
rs112686360
rs12784166
rs10994141
rs75686970
rs10994281
rs76932066
rs10994282
rs3213056
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All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
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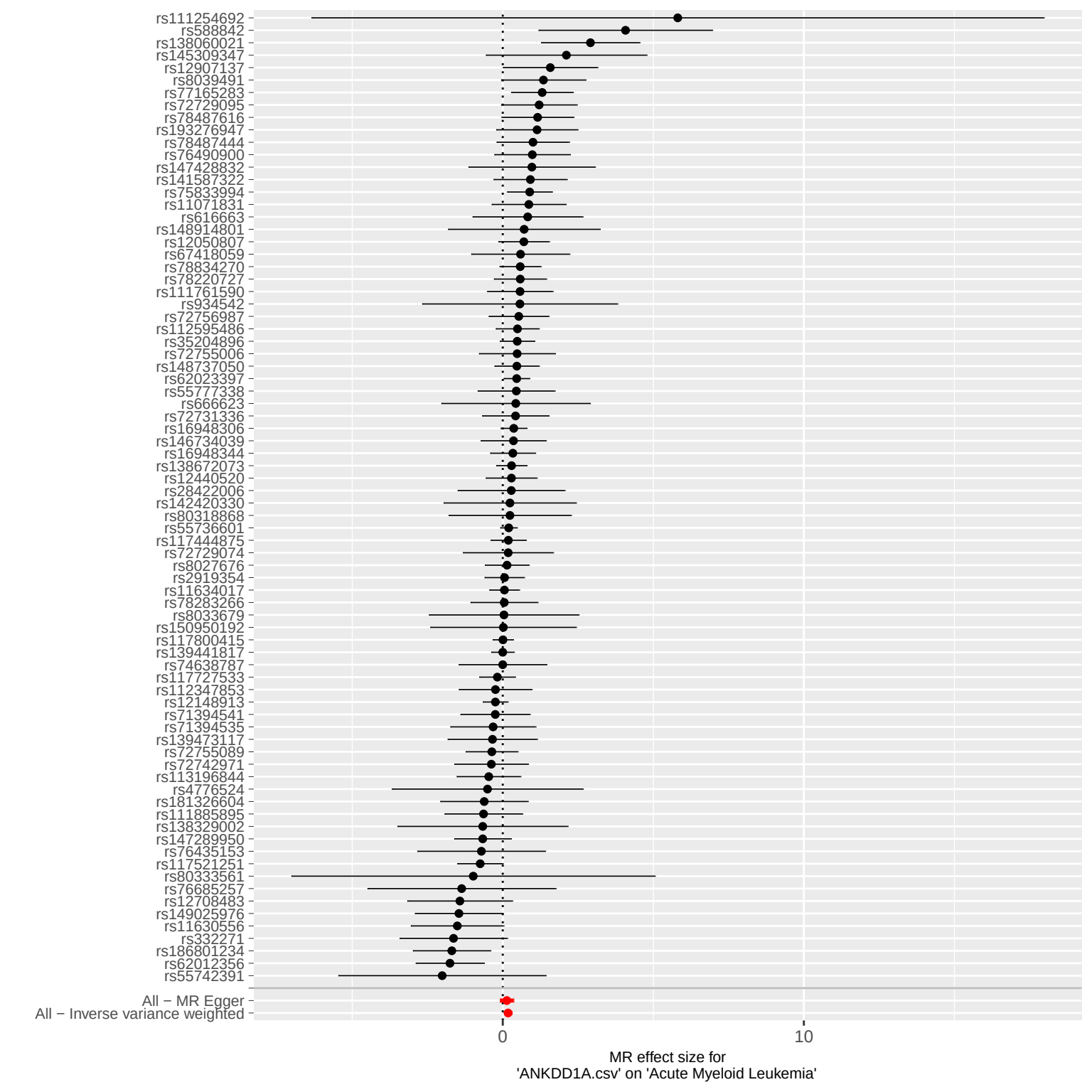
MR effect size for
'ANK3.csv' on 'Acute Myeloid Leukemia'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rs616663
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rs12050807
rs67418059
rs78834270
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rs112595486
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rs62023397
rs55777338
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rs12708483
rs149025976
rs11630556
rs332271
rs186801234
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All − MR Egger
All − Inverse variance weighted
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10
MR effect size for
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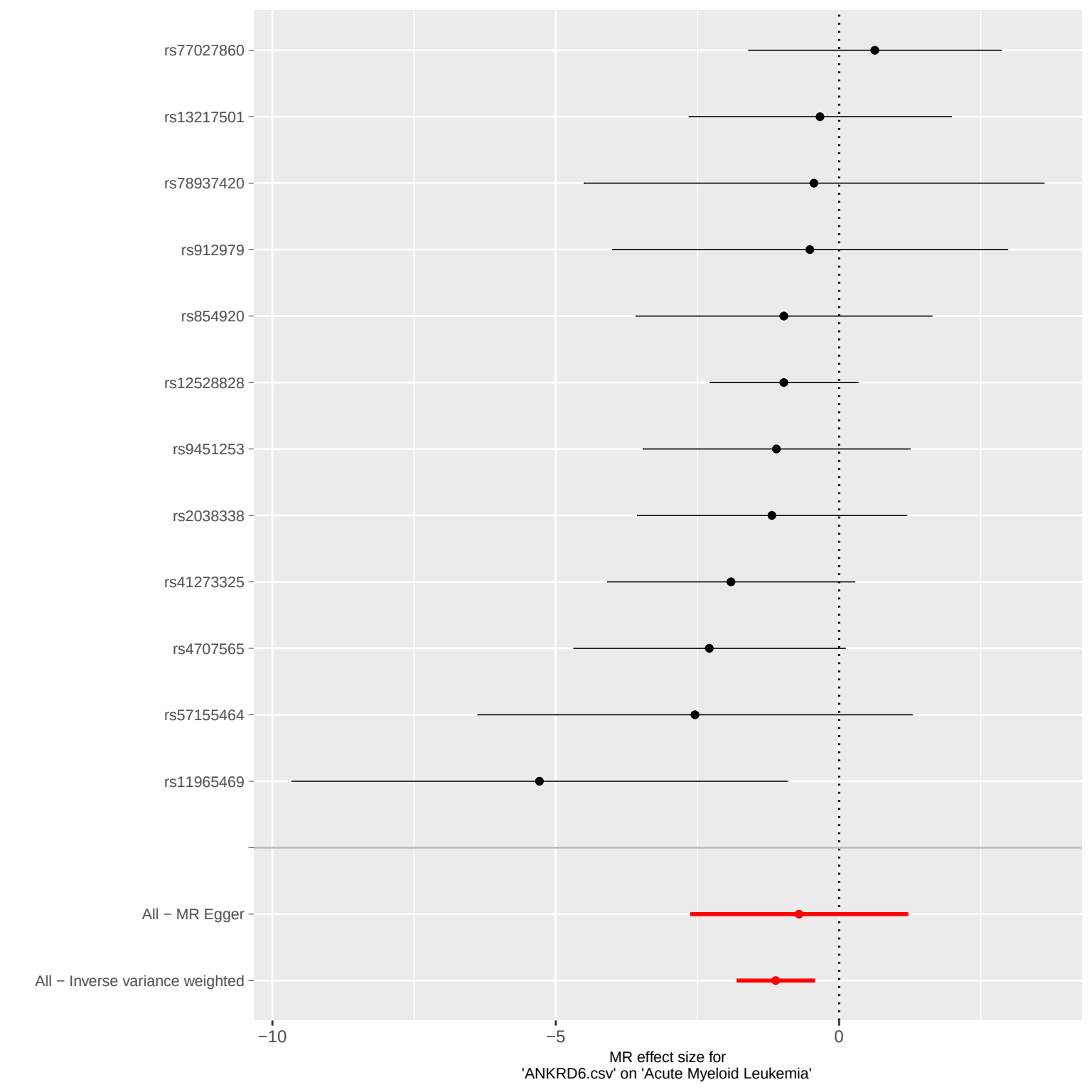
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rs12528828
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rs2038338
rs41273325
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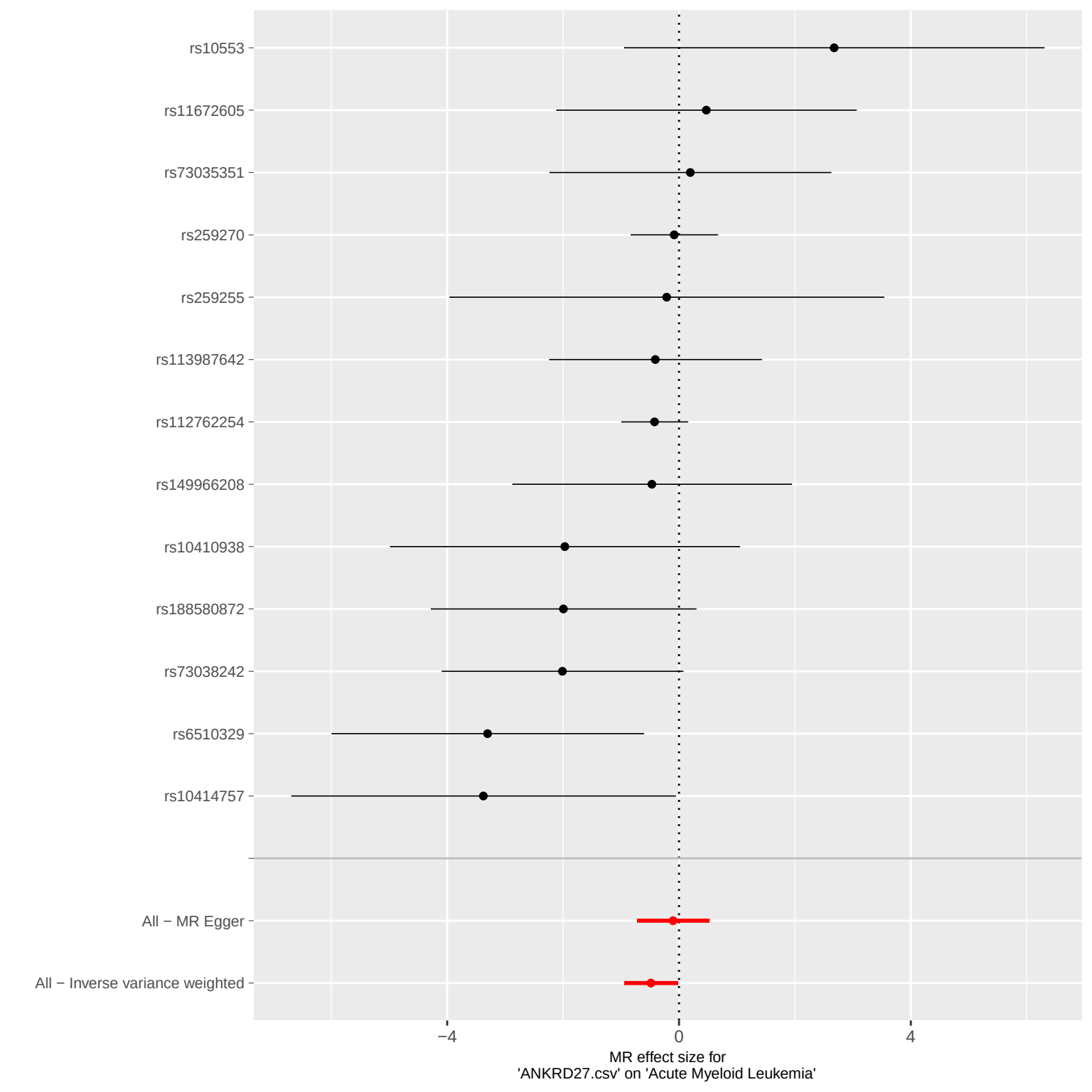
rs57155464
rs11965469
All − MR Egger
All − Inverse variance weighted
−10
−5
0
MR effect size for
'ANKRD6.csv' on 'Acute Myeloid Leukemia'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rs10410938
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rs73038242
rs6510329
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All − MR Egger
All − Inverse variance weighted
−4
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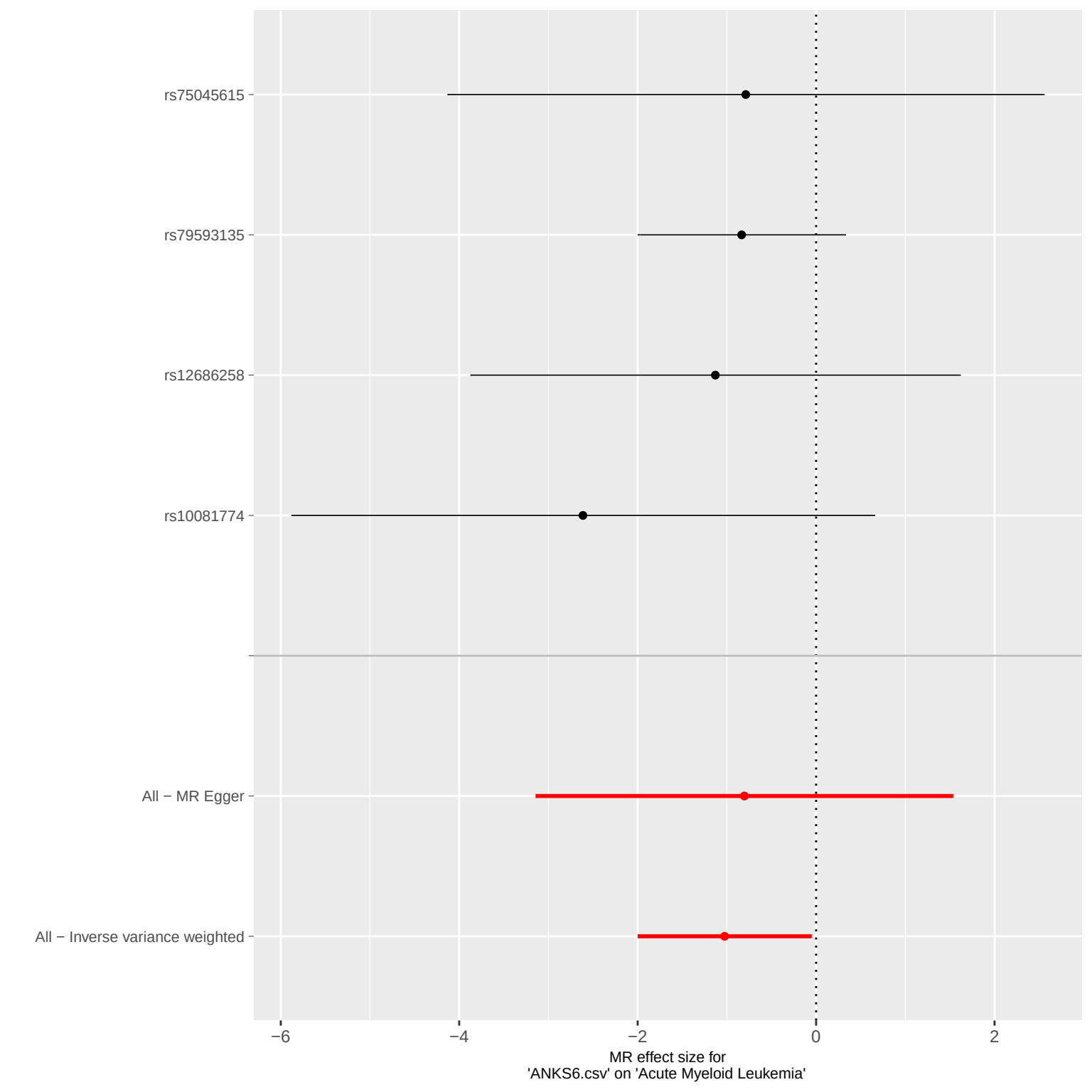
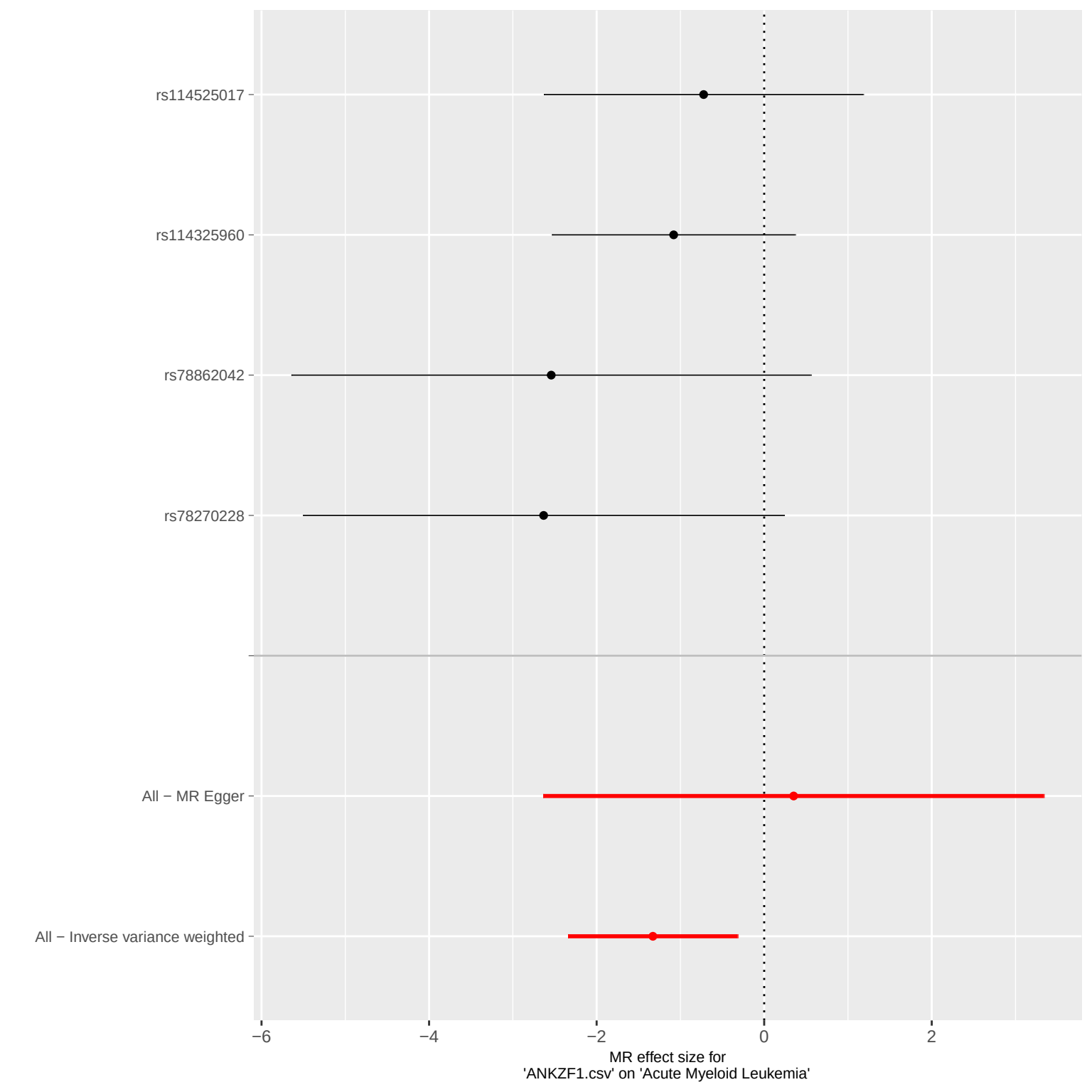
4
MR effect size for
'ANKRD27.csv' on 'Acute Myeloid Leukemia'


rs75045615
rs79593135
rs12686258
rs10081774
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ANKS6.csv' on 'Acute Myeloid Leukemia'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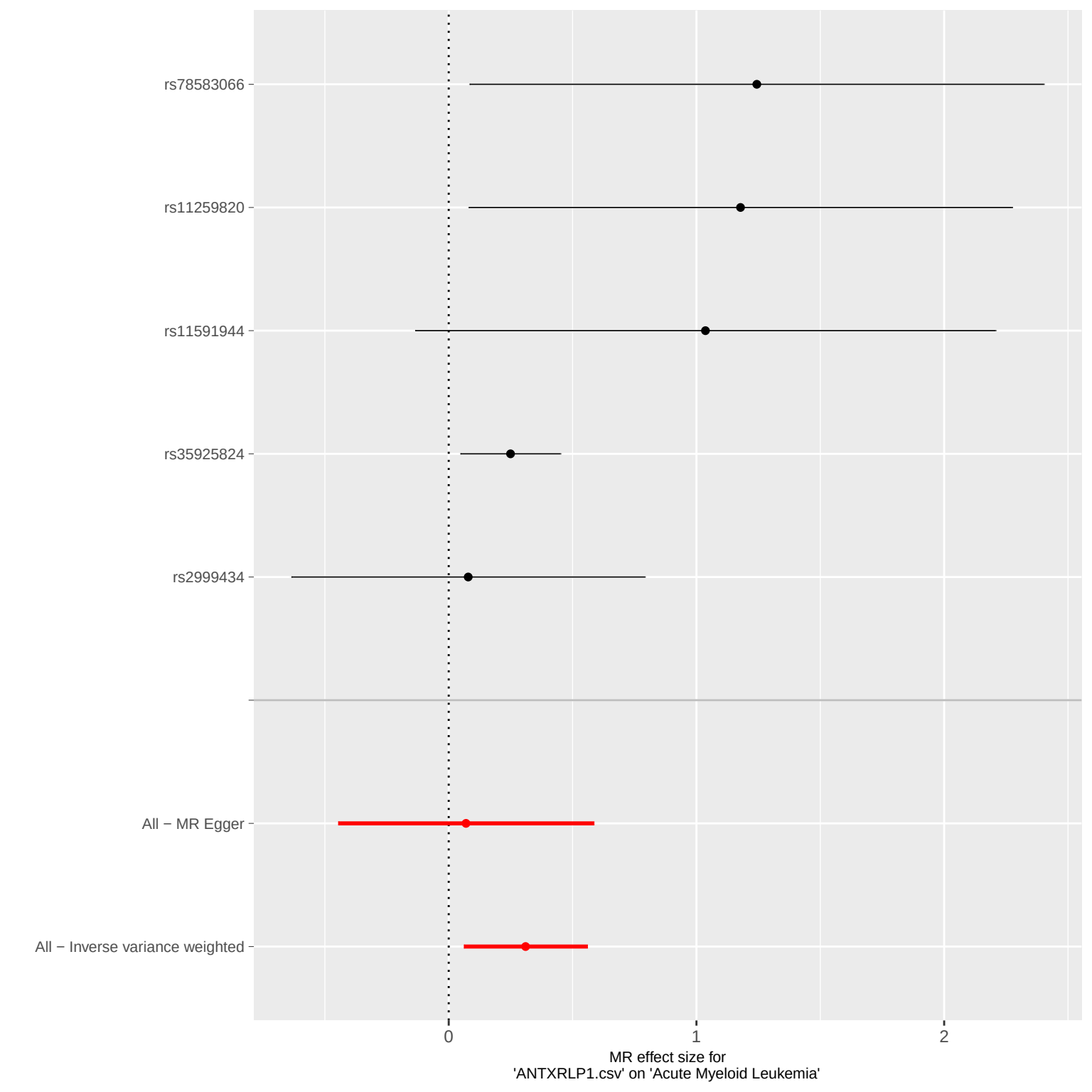
rs114325960
rs78862042
rs78270228
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ANKZF1.csv' on 'Acute Myeloid Leukemia'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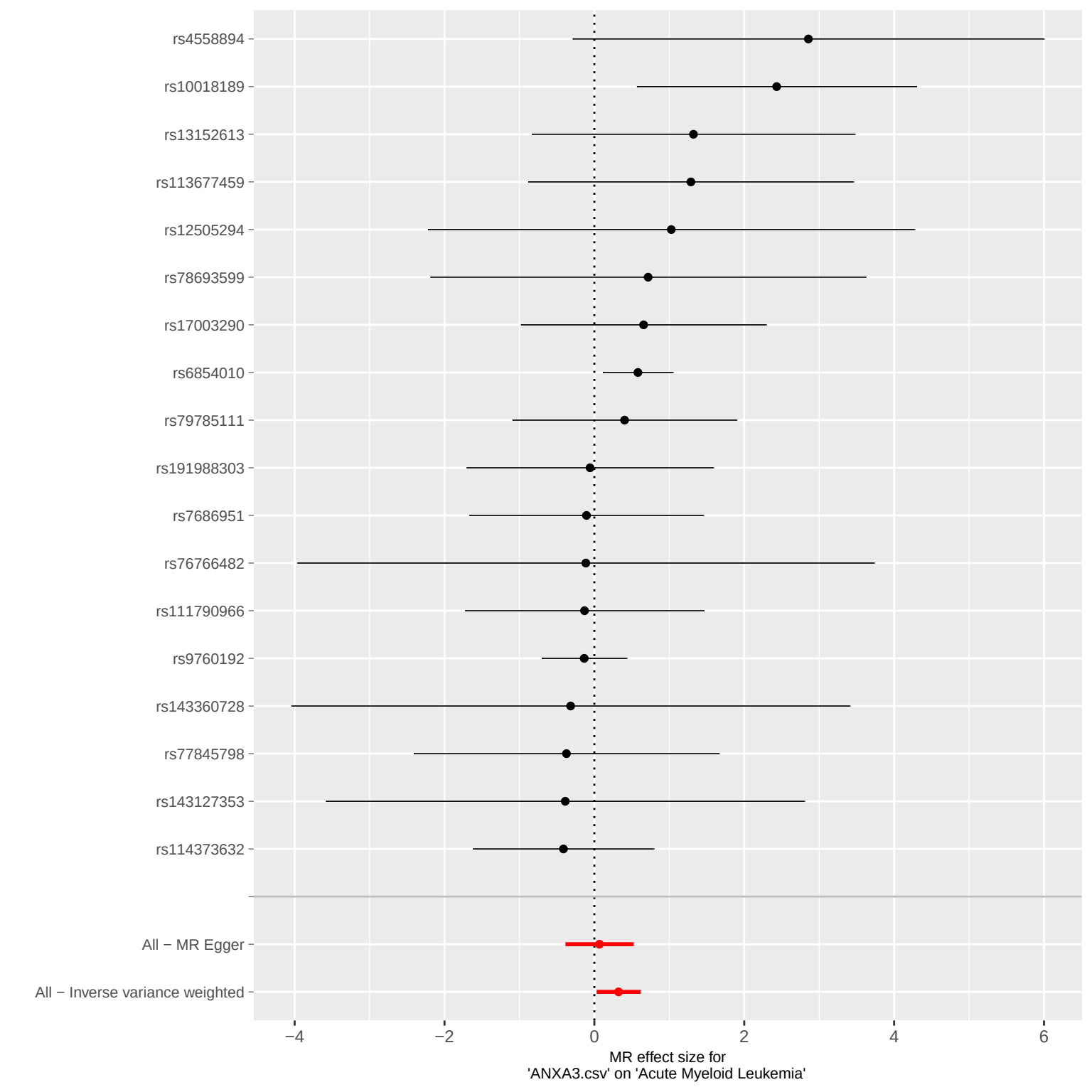
rs11591944
rs35925824
rs2999434
All − MR Egger
All − Inverse variance weighted
0
1
2
MR effect size for
'ANTXRLP1.csv' on 'Acute Myeloid Leukemia'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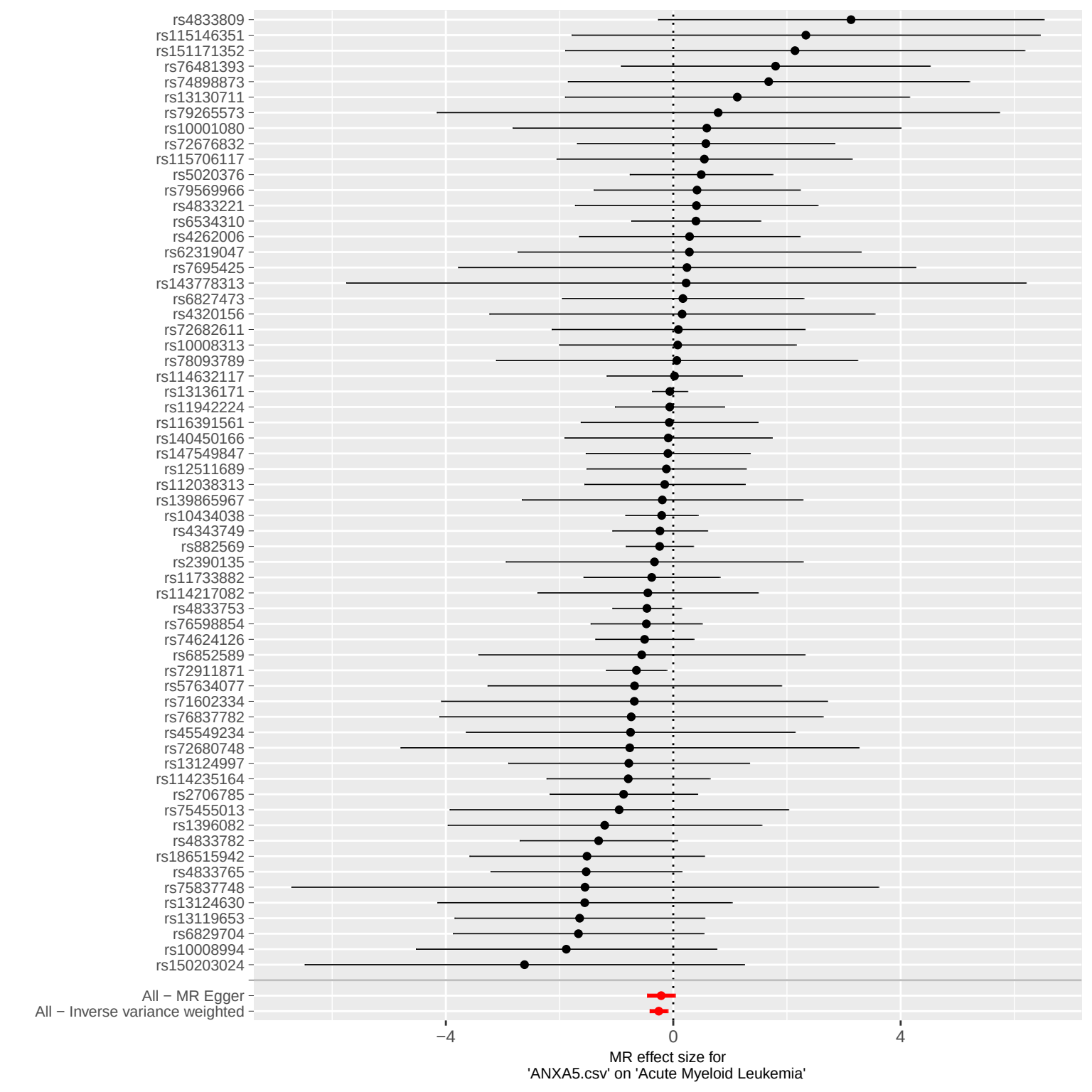
rs79785111
rs191988303
rs7686951
rs76766482
rs111790966
rs9760192
rs143360728
rs77845798
rs143127353
rs114373632
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'ANXA3.csv' on 'Acute Myeloid Leukemia'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rs5020376
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rs4833782
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rs4833765
rs75837748
rs13124630
rs13119653
rs6829704
rs10008994
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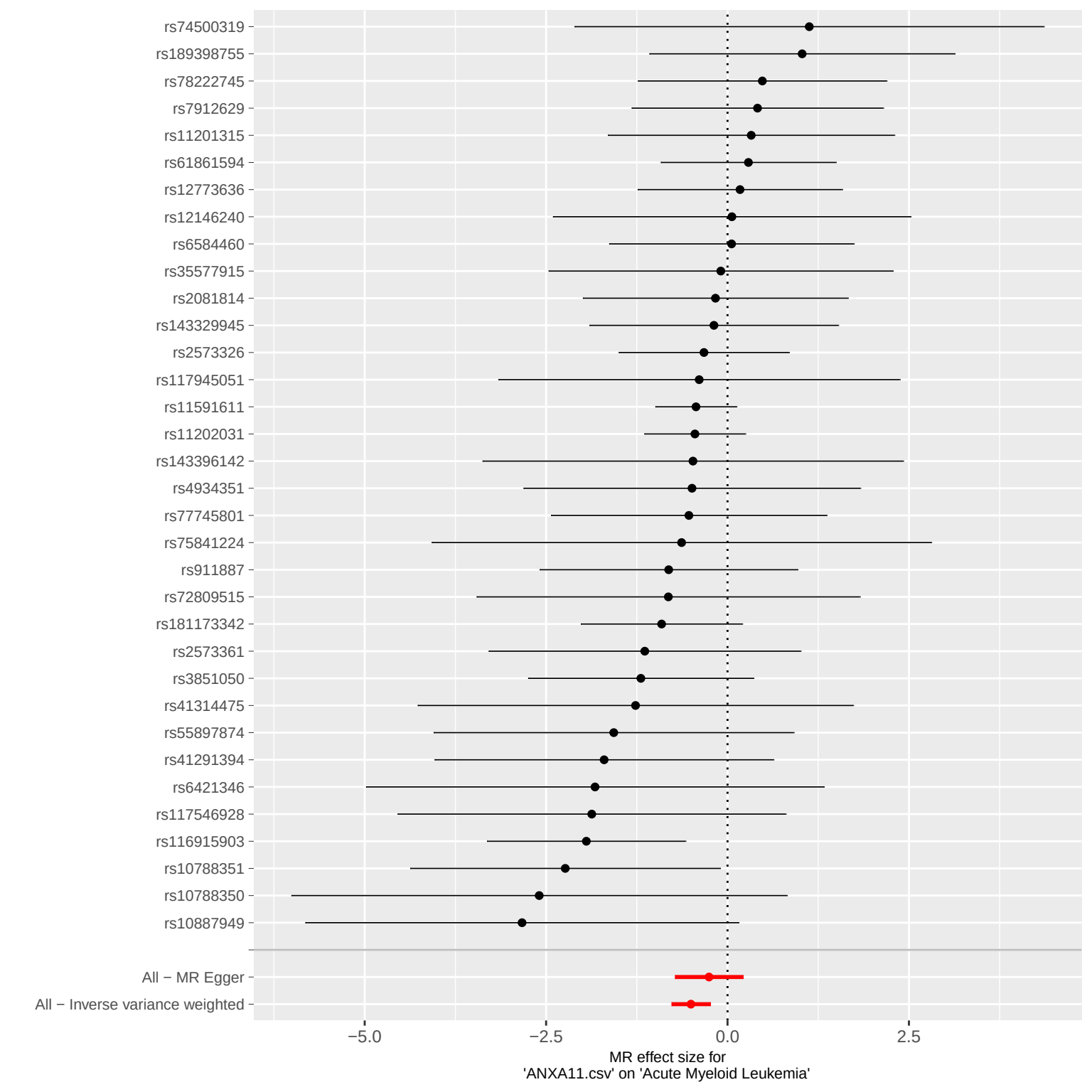
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ANXA5.csv' on 'Acute Myeloid Leukemia'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rs2081814
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rs3851050
rs41314475
rs55897874
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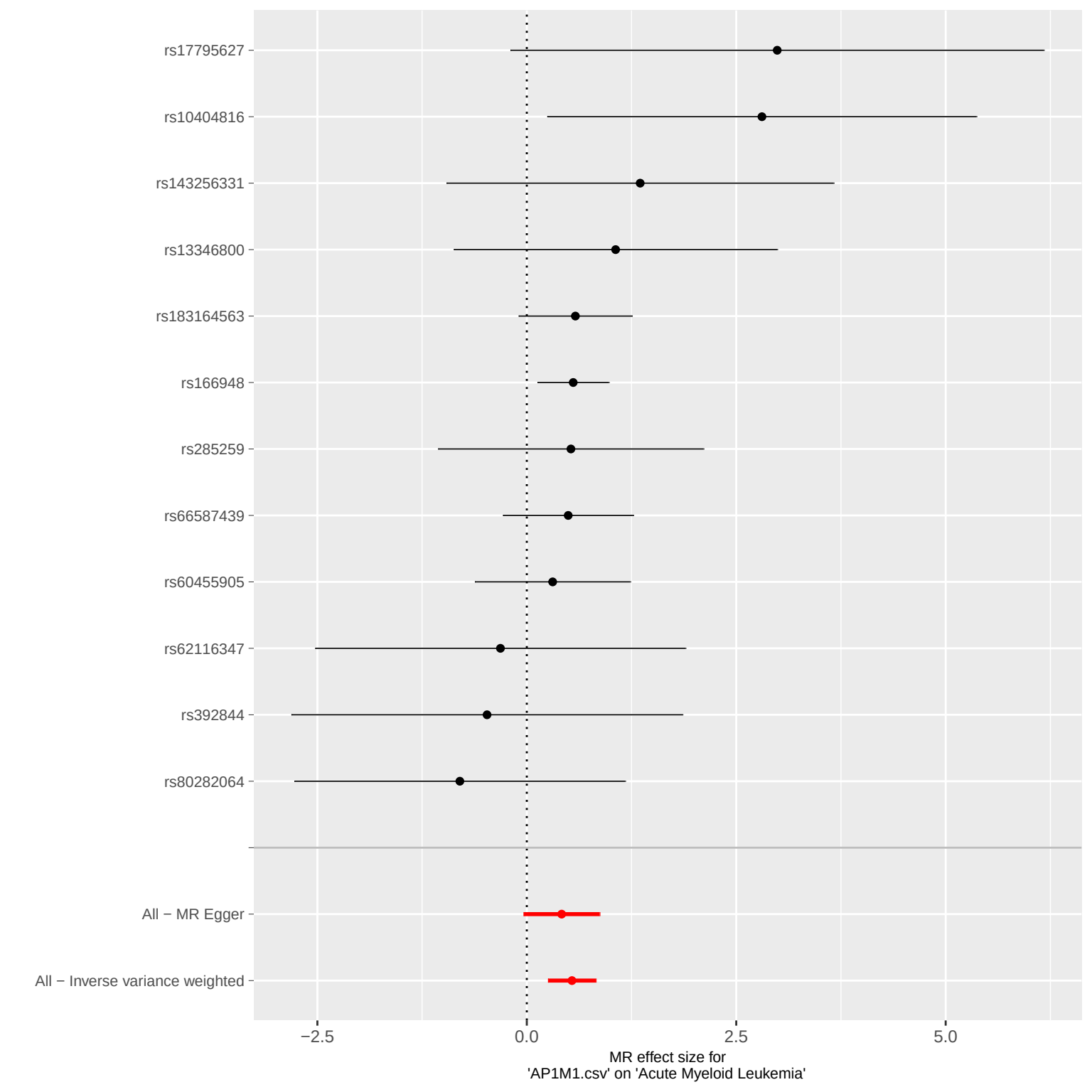
rs10788351
rs10788350
rs10887949
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ANXA11.csv' on 'Acute Myeloid Leukemia'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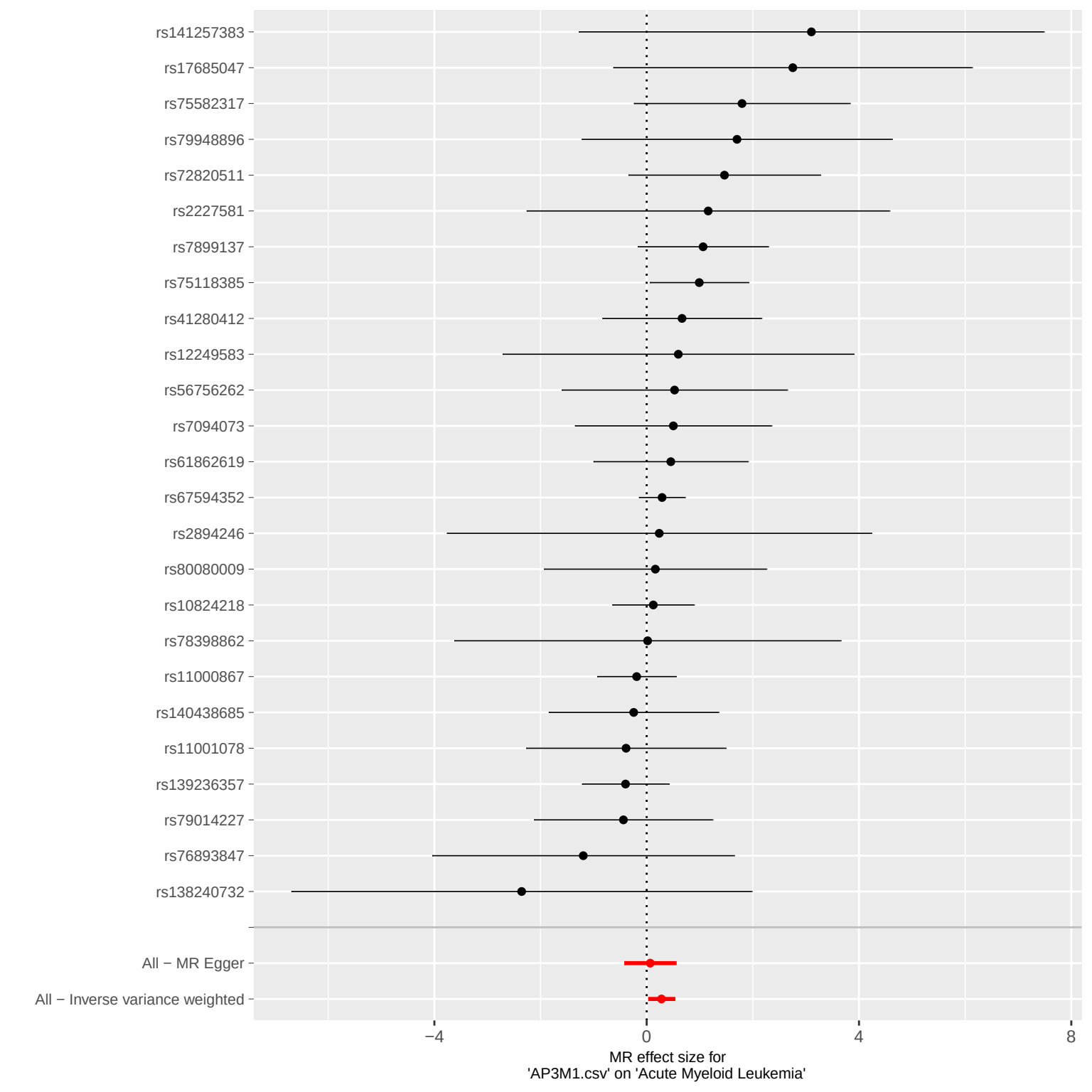
rs183164563
rs166948
rs285259
rs66587439
rs60455905
rs62116347
rs392844
rs80282064
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'AP1M1.csv' on 'Acute Myeloid Leukemia'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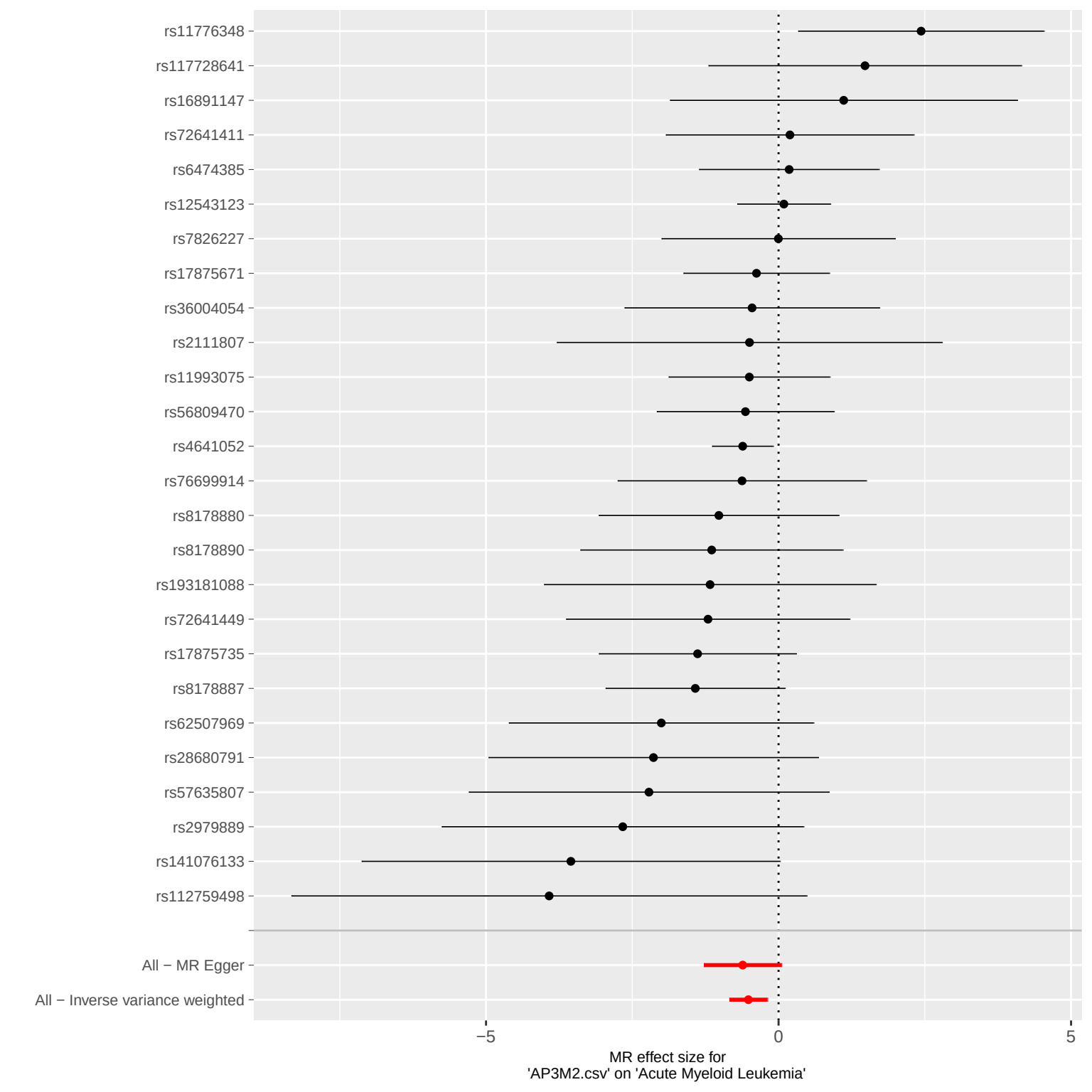
rs72820511
rs2227581
rs7899137
rs75118385
rs41280412
rs12249583
rs56756262
rs7094073
rs61862619
rs67594352
rs2894246
rs80080009
rs10824218
rs78398862
rs11000867
rs140438685
rs11001078
rs139236357
rs79014227
rs76893847
rs138240732
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'AP3M1.csv' on 'Acute Myeloid Leukemia'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rs72641411
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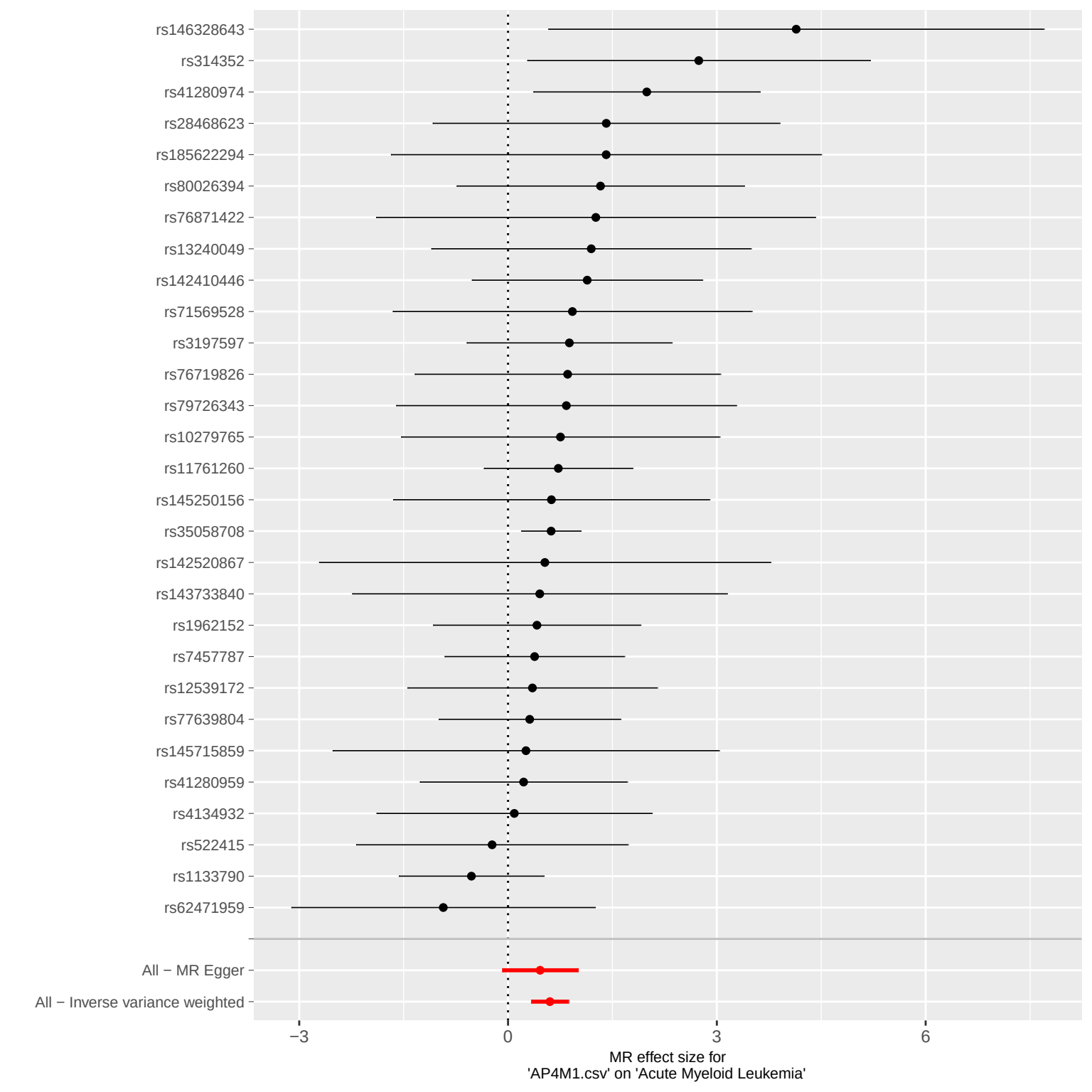
rs2111807
rs11993075
rs56809470
rs4641052
rs76699914
rs8178880
rs8178890
rs193181088
rs72641449
rs17875735
rs8178887
rs62507969
rs28680791
rs57635807
rs2979889
rs141076133
rs112759498
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'AP3M2.csv' on 'Acute Myeloid Leukemia'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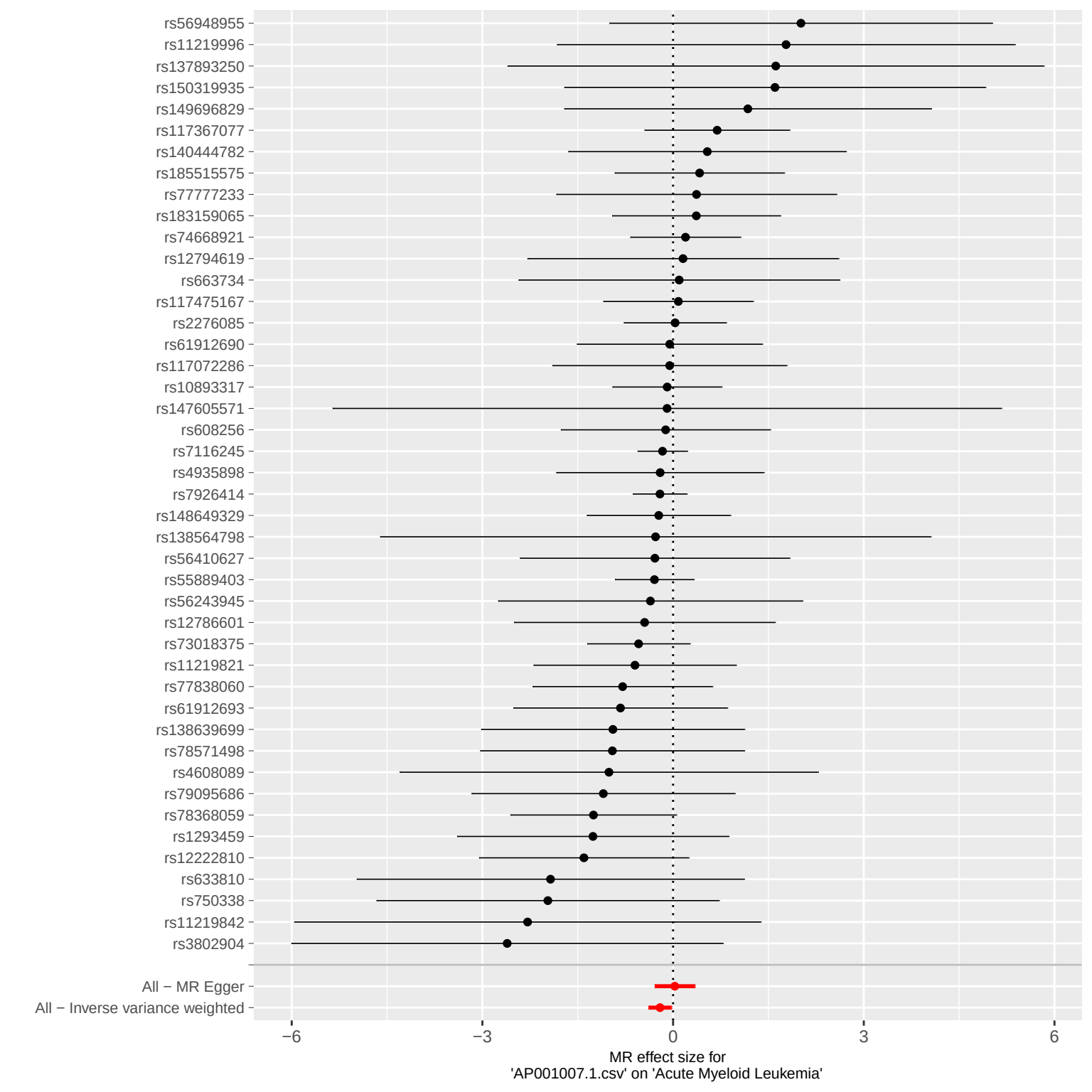
rs145250156
rs35058708
rs142520867
rs143733840
rs1962152
rs7457787
rs12539172
rs77639804
rs145715859
rs41280959
rs4134932
rs522415
rs1133790
rs62471959
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'AP4M1.csv' on 'Acute Myeloid Leukemia'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rs663734
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rs2276085
rs61912690
rs117072286
rs10893317
rs147605571
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rs7116245
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rs56410627
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rs56243945
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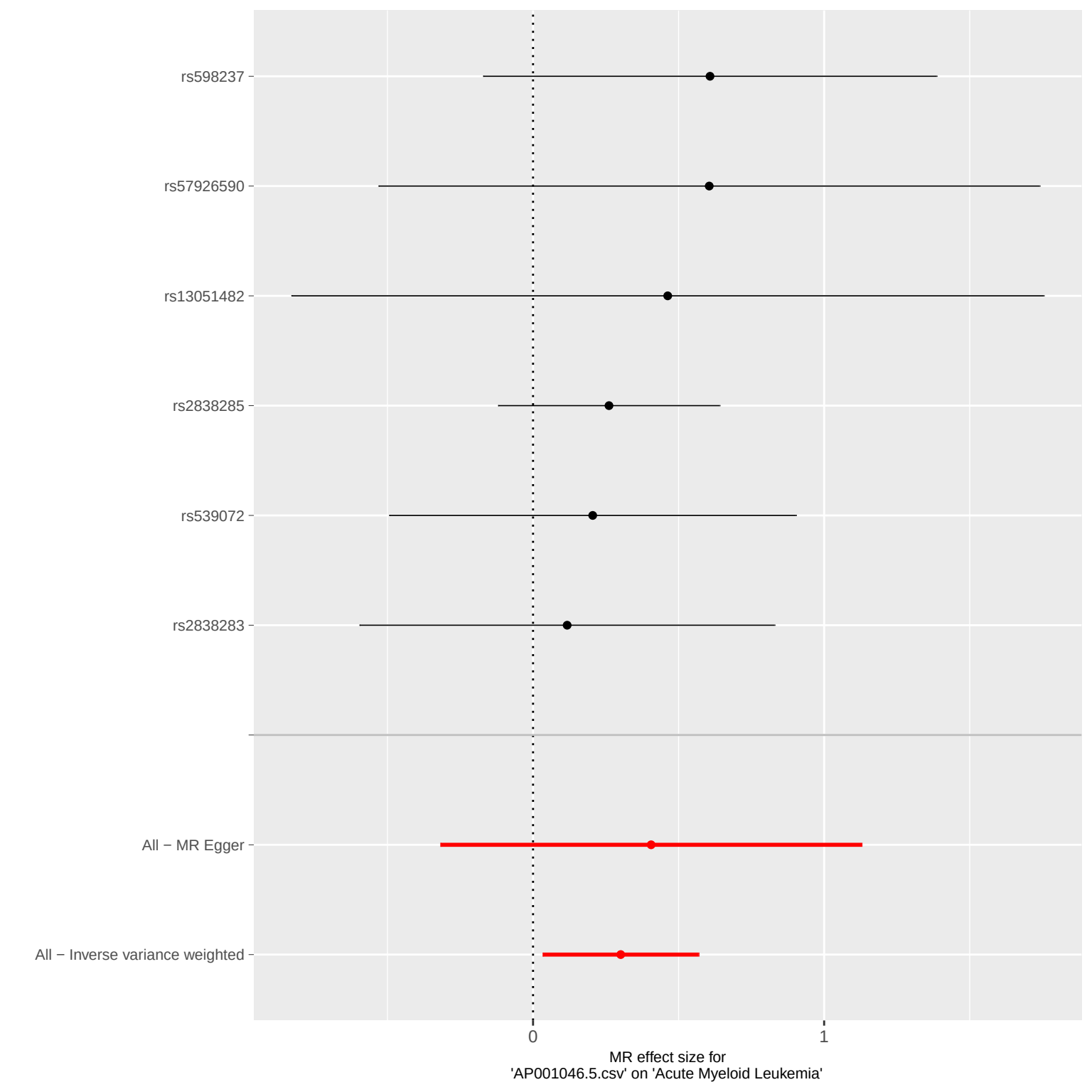
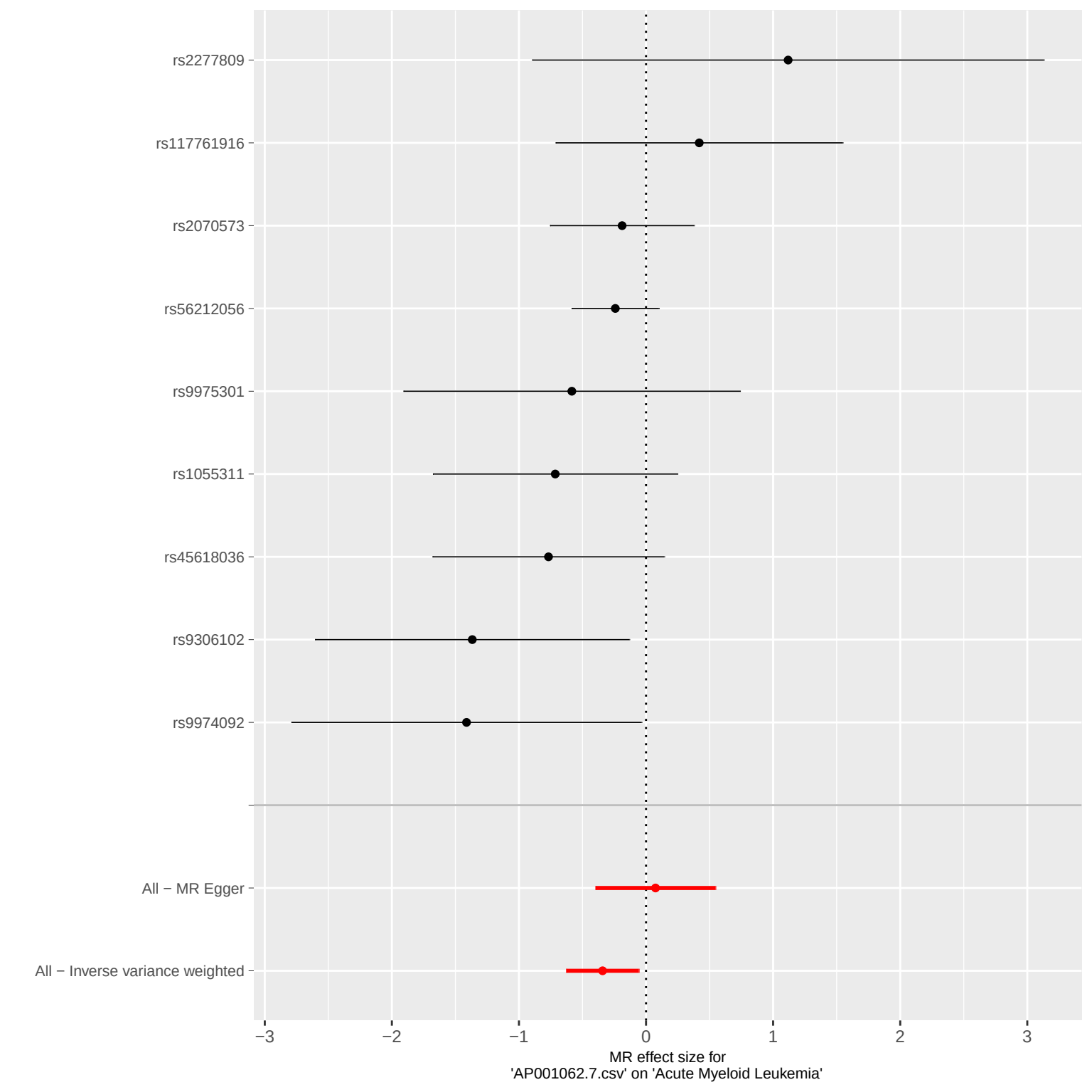
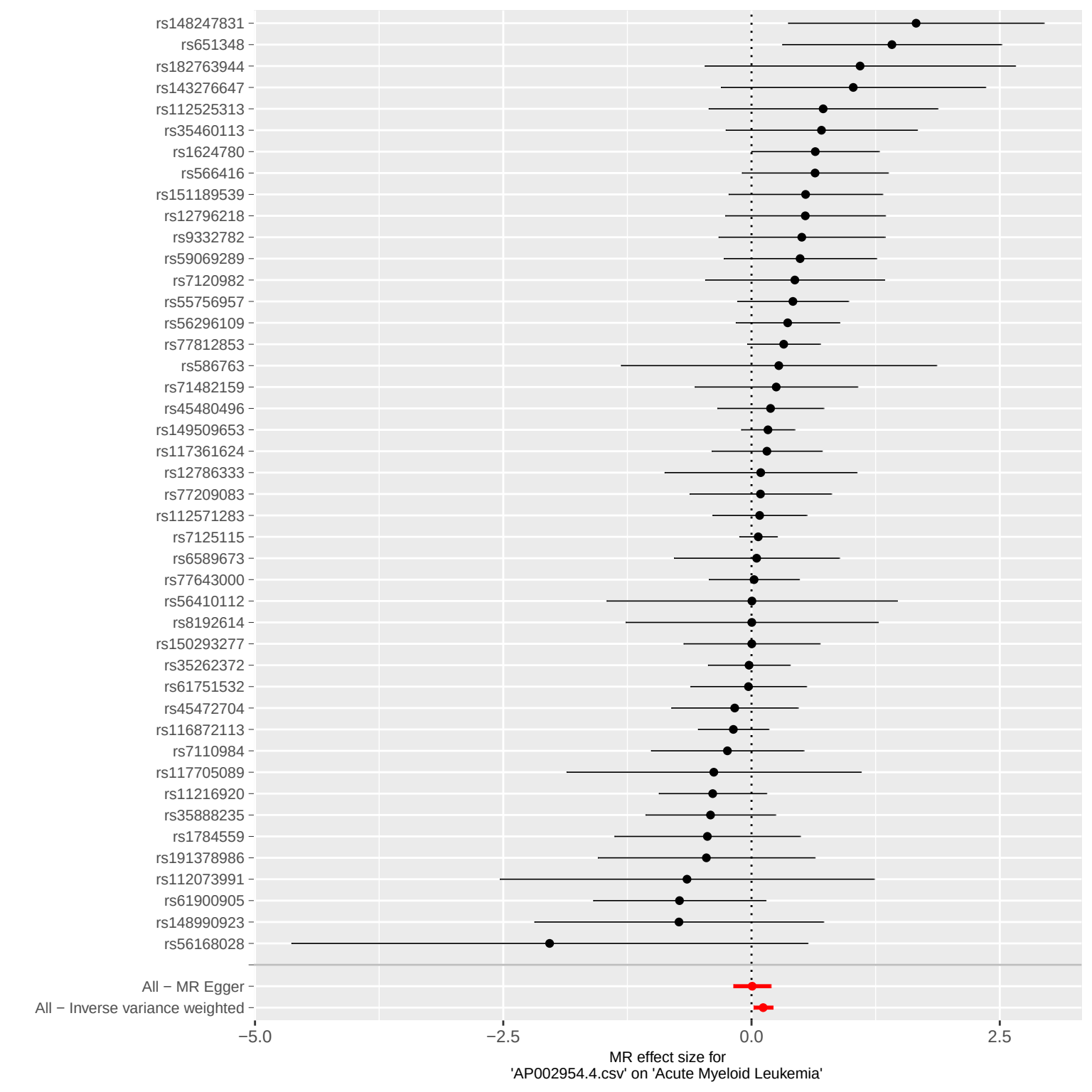
rs138639699
rs78571498
rs4608089
rs79095686
rs78368059
rs1293459
rs12222810
rs633810
rs750338
rs11219842
rs3802904
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'AP001007.1.csv' on 'Acute Myeloid Leukemia'


rs598237
rs57926590
rs13051482
rs2838285
rs539072
rs2838283
All − MR Egger
All − Inverse variance weighted
0
1
MR effect size for
'AP001046.5.csv' on 'Acute Myeloid Leukemia'


rs2277809
rs117761916
rs2070573
rs56212056
rs9975301
rs1055311
rs45618036
rs9306102
rs9974092
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'AP001062.7.csv' on 'Acute Myeloid Leukemia'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rs651348
rs182763944
rs143276647
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rs9332782
rs59069289
rs7120982
rs55756957
rs56296109
rs77812853
rs586763
rs71482159
rs45480496
rs149509653
rs117361624
rs12786333
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rs112571283
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rs77643000
rs56410112
rs8192614
rs150293277
rs35262372
rs61751532
rs45472704
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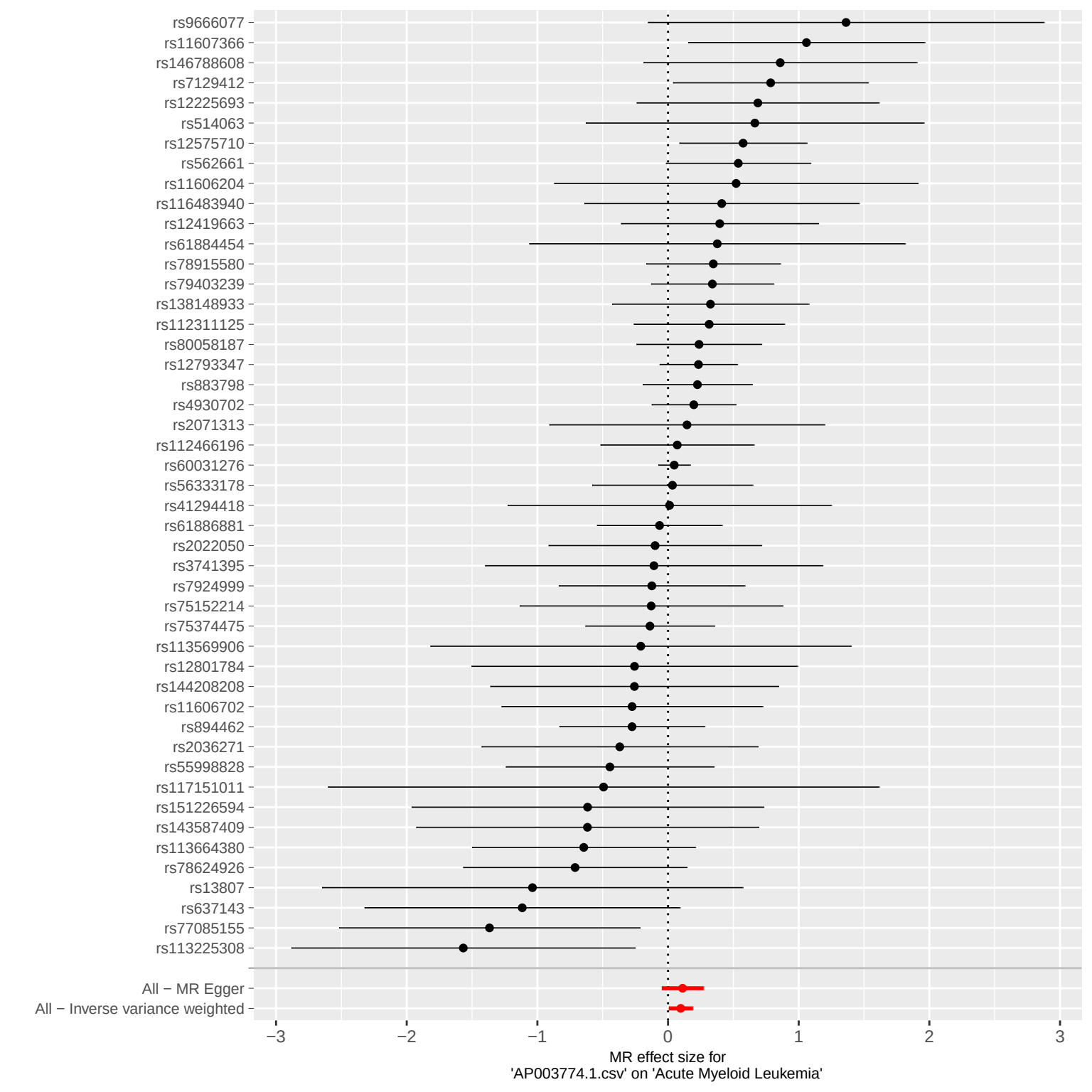
rs117705089
rs11216920
rs35888235
rs1784559
rs191378986
rs112073991
rs61900905
rs148990923
rs56168028
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'AP002954.4.csv' on 'Acute Myeloid Leukemia'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rs80058187
rs12793347
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rs4930702
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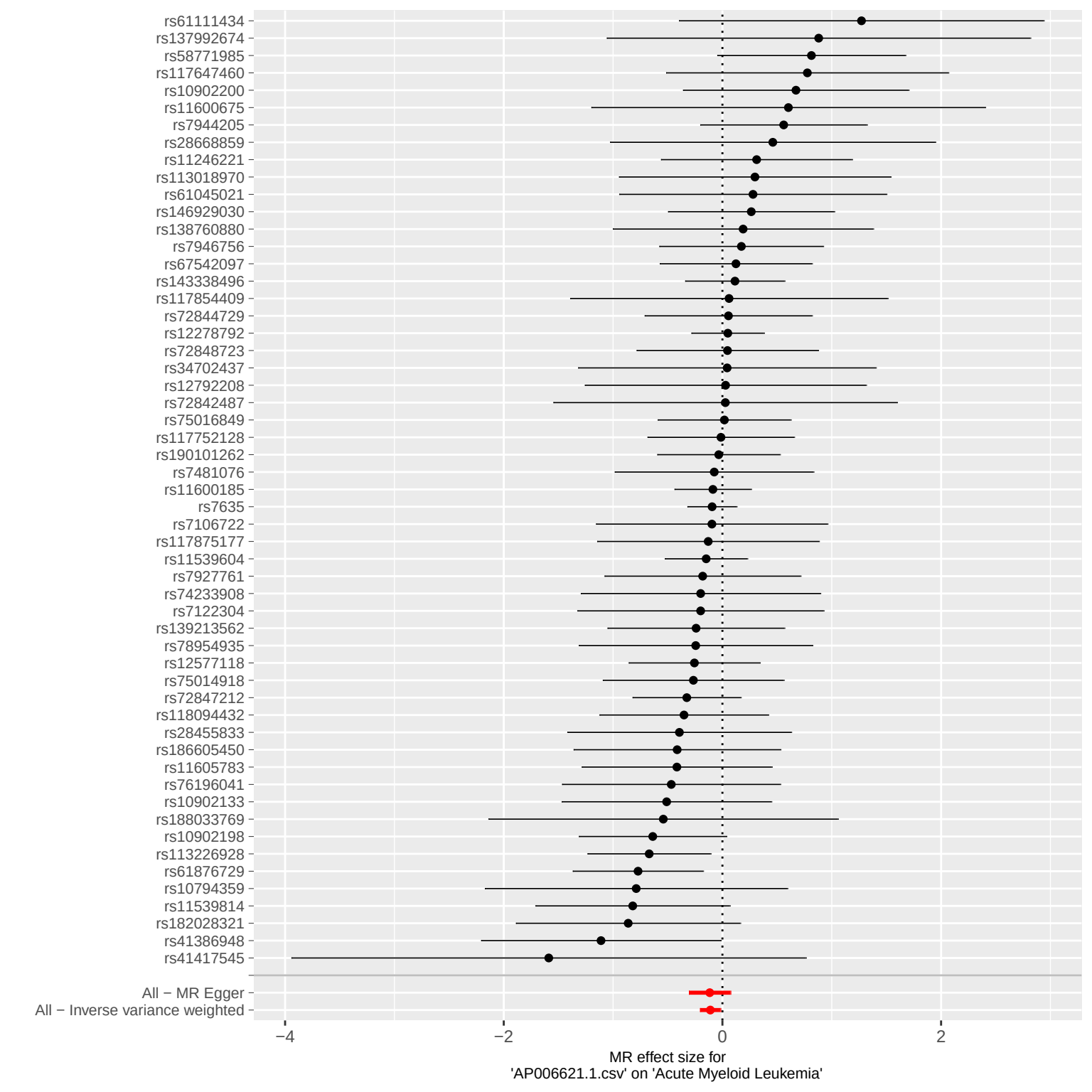
rs55998828
rs117151011
rs151226594
rs143587409
rs113664380
rs78624926
rs13807
rs637143
rs77085155
rs113225308
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'AP003774.1.csv' on 'Acute Myeloid Leukemia'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rs7946756
rs67542097
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rs117854409
rs72844729
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rs72848723
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rs12792208
rs72842487
rs75016849
rs117752128
rs190101262
rs7481076
rs11600185
rs7635
rs7106722
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rs11539604
rs7927761
rs74233908
rs7122304
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rs78954935
rs12577118
rs75014918
rs72847212
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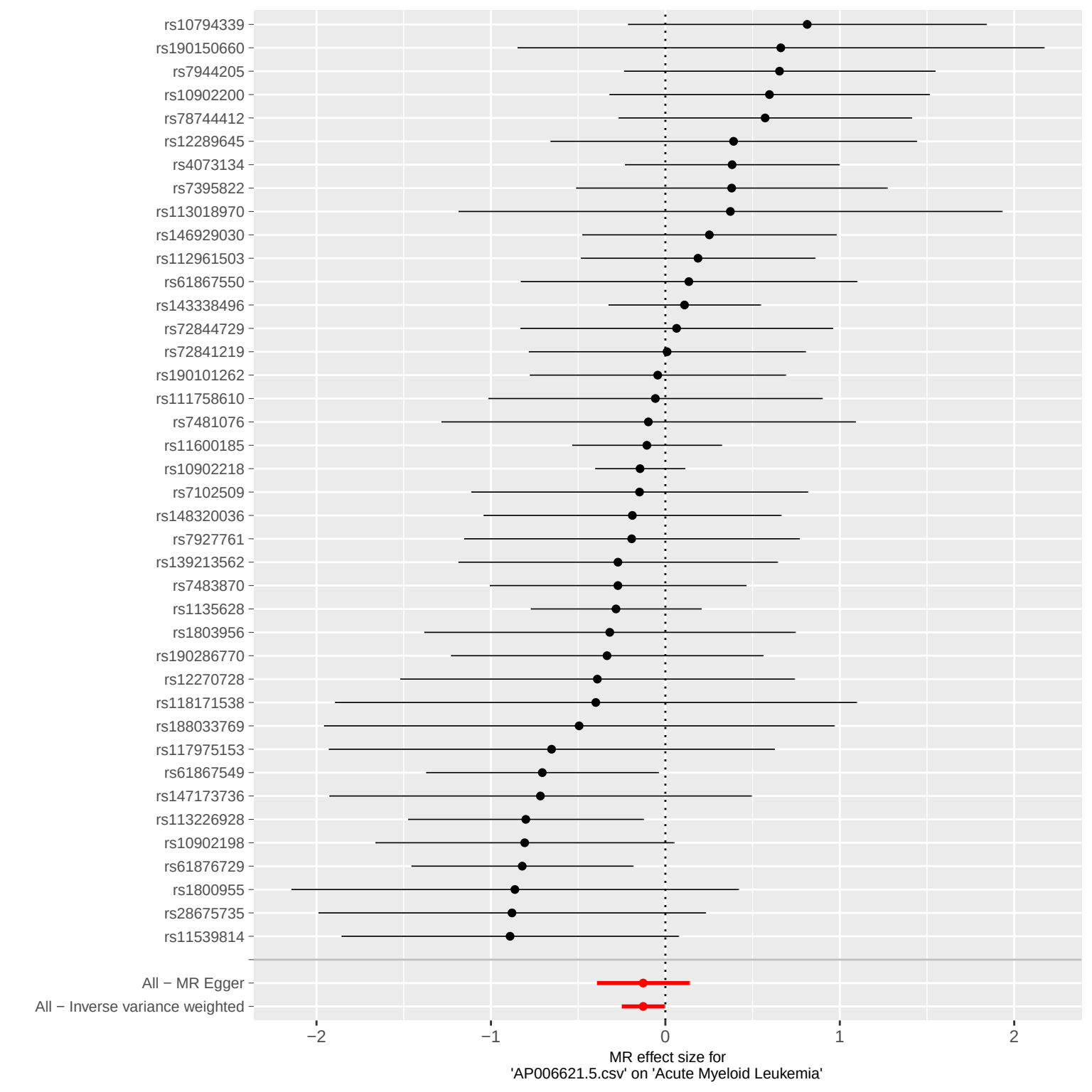
rs11605783
rs76196041
rs10902133
rs188033769
rs10902198
rs113226928
rs61876729
rs10794359
rs11539814
rs182028321
rs41386948
rs41417545
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'AP006621.1.csv' on 'Acute Myeloid Leukemia'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rs112961503
rs61867550
rs143338496
rs72844729
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rs190101262
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rs11600185
rs10902218
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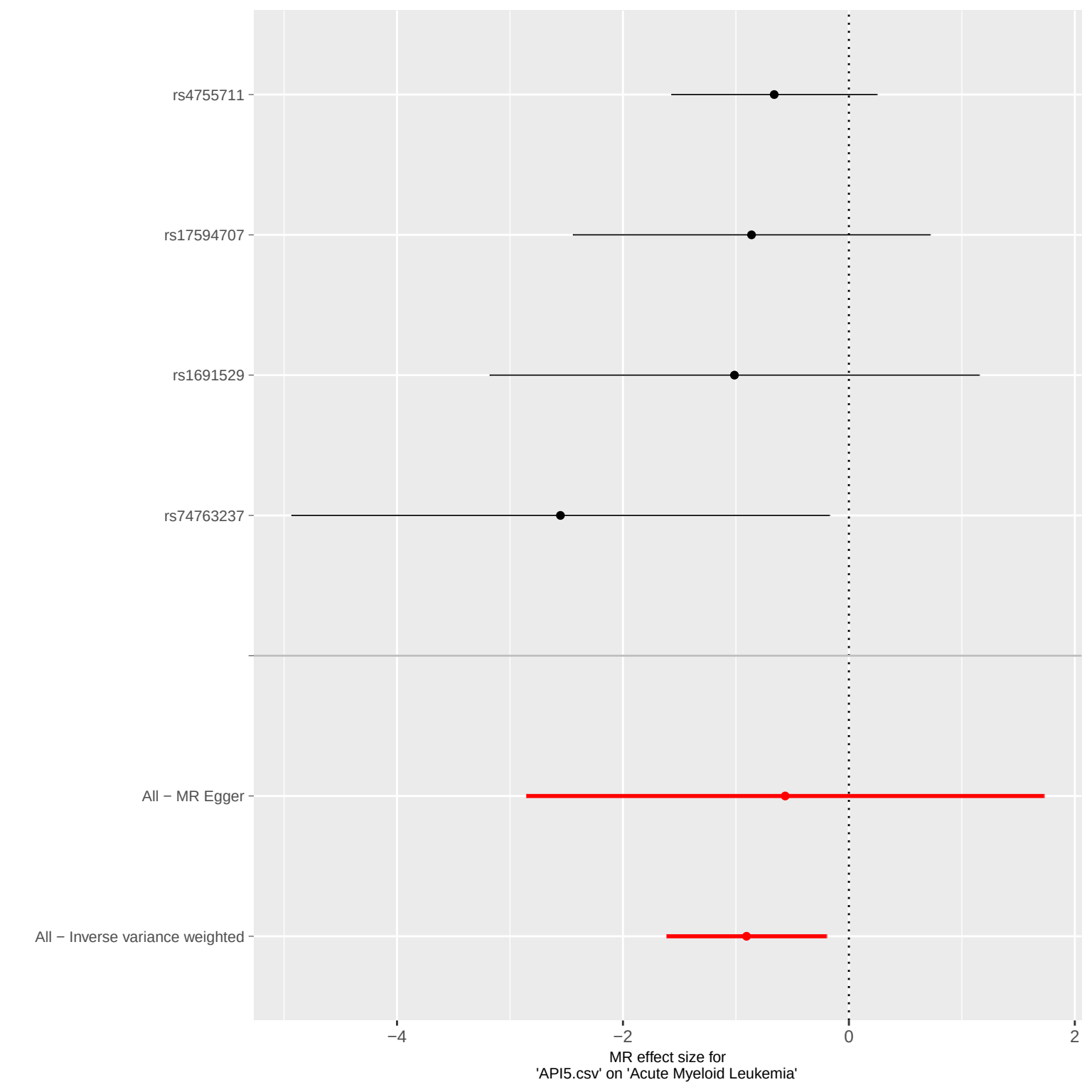
rs117975153
rs61867549
rs147173736
rs113226928
rs10902198
rs61876729
rs1800955
rs28675735
rs11539814
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'AP006621.5.csv' on 'Acute Myeloid Leukemia'


rs4755711
rs17594707
rs1691529
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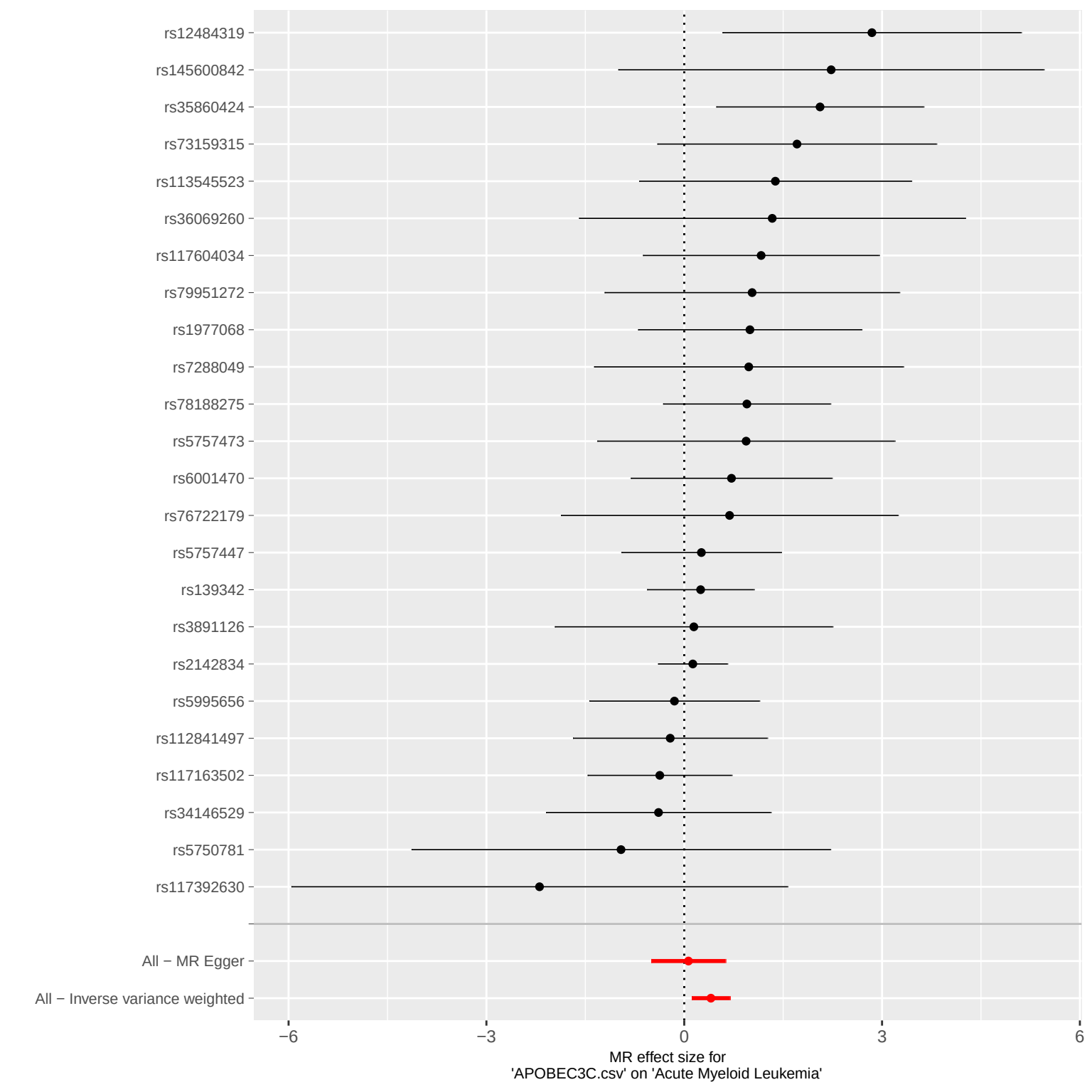
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'API5.csv' on 'Acute Myeloid Leukemia'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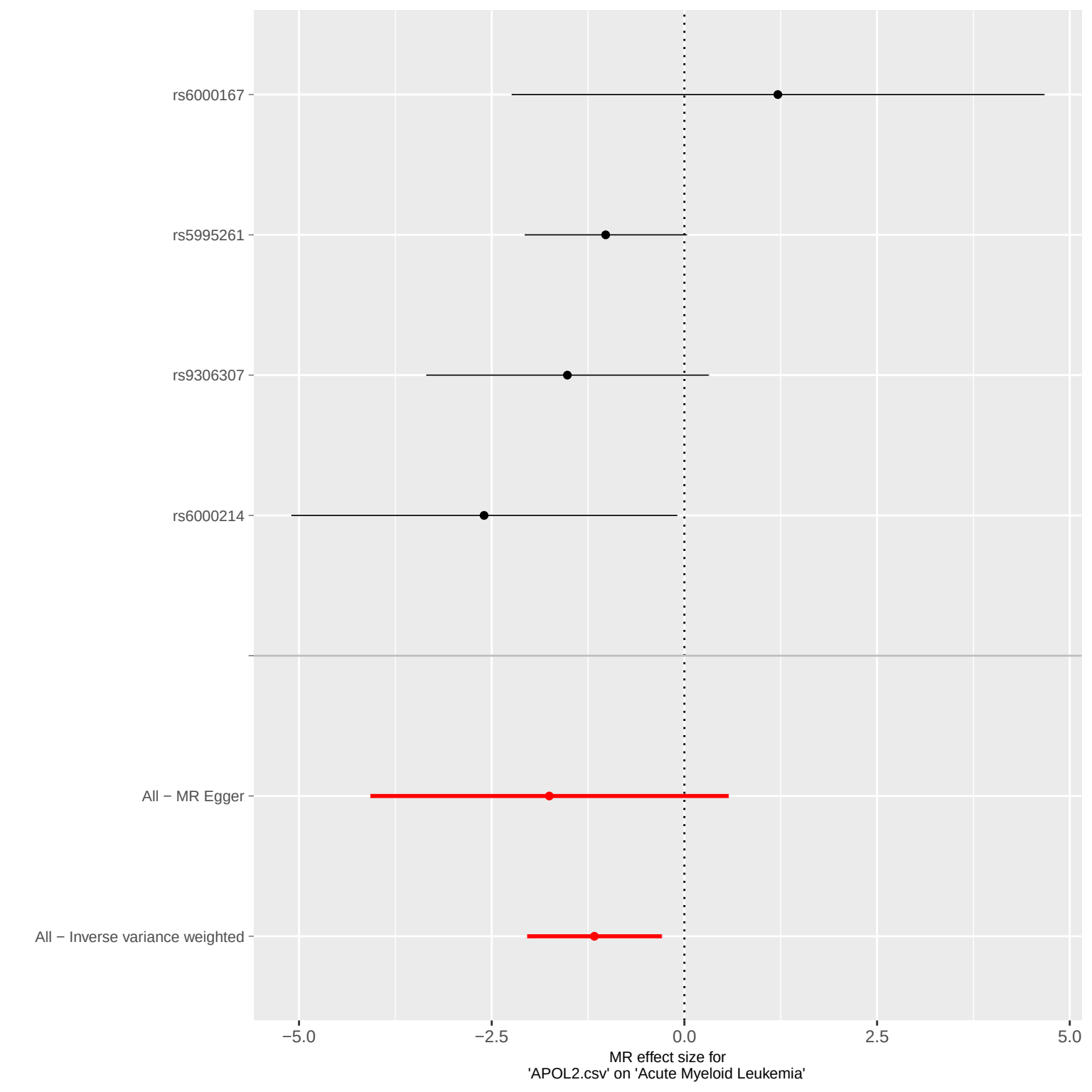
rs76722179
rs5757447
rs139342
rs3891126
rs2142834
rs5995656
rs112841497
rs117163502
rs34146529
rs5750781
rs117392630
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'APOBEC3C.csv' on 'Acute Myeloid Leukemia'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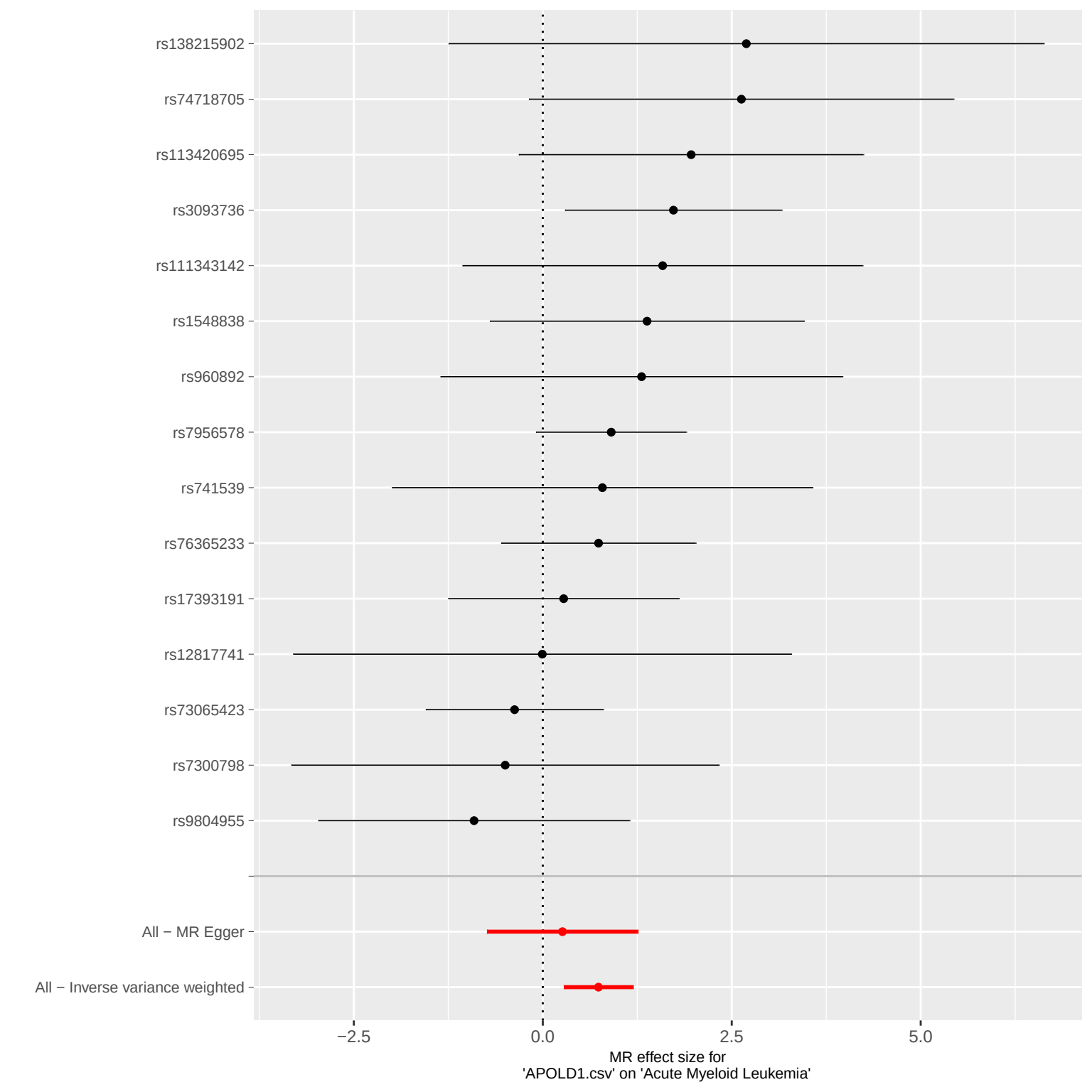
rs5995261
rs9306307
rs6000214
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'APOL2.csv' on 'Acute Myeloid Leukemia'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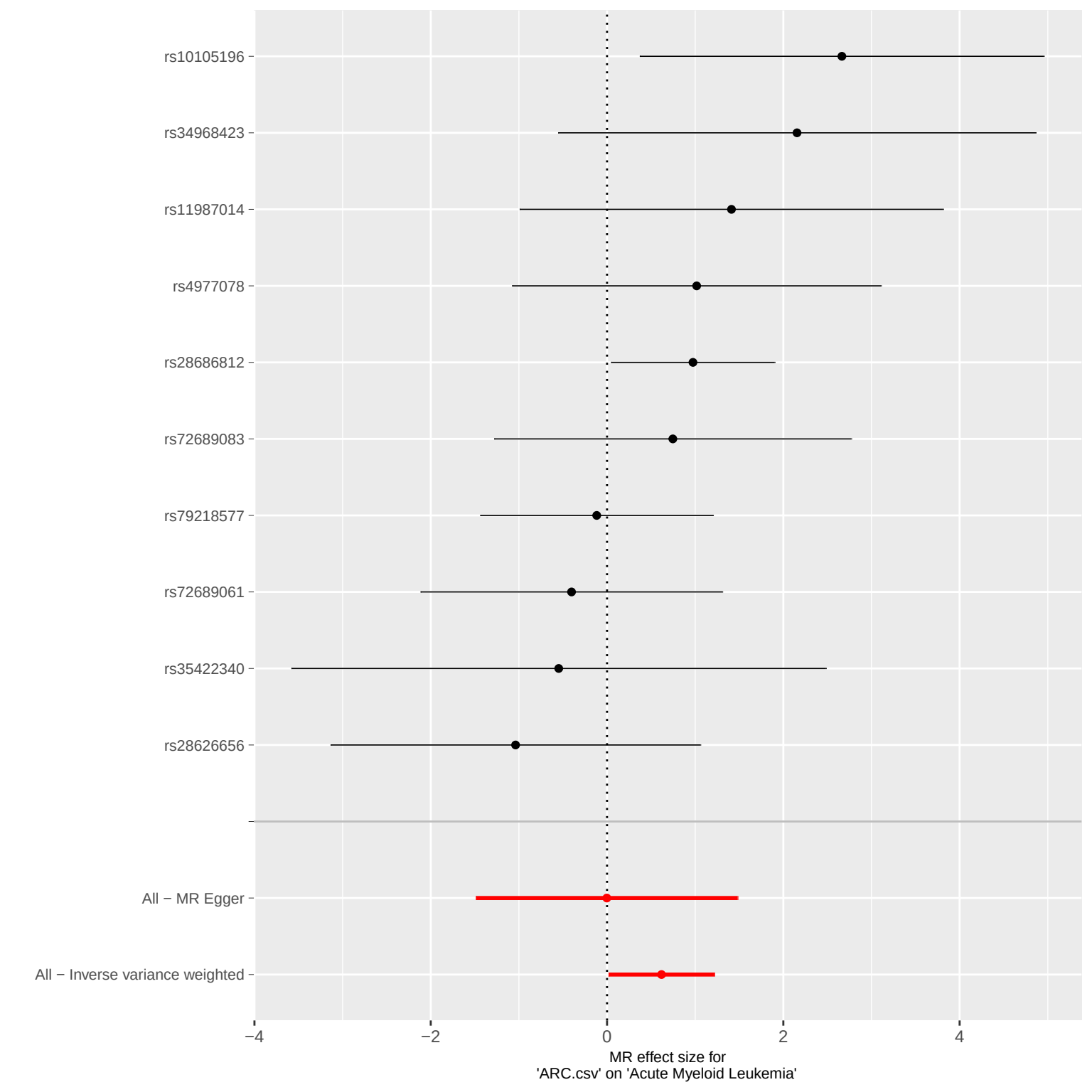
rs1548838
rs960892
rs7956578
rs741539
rs76365233
rs17393191
rs12817741
rs73065423
rs7300798
rs9804955
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'APOLD1.csv' on 'Acute Myeloid Leukemia'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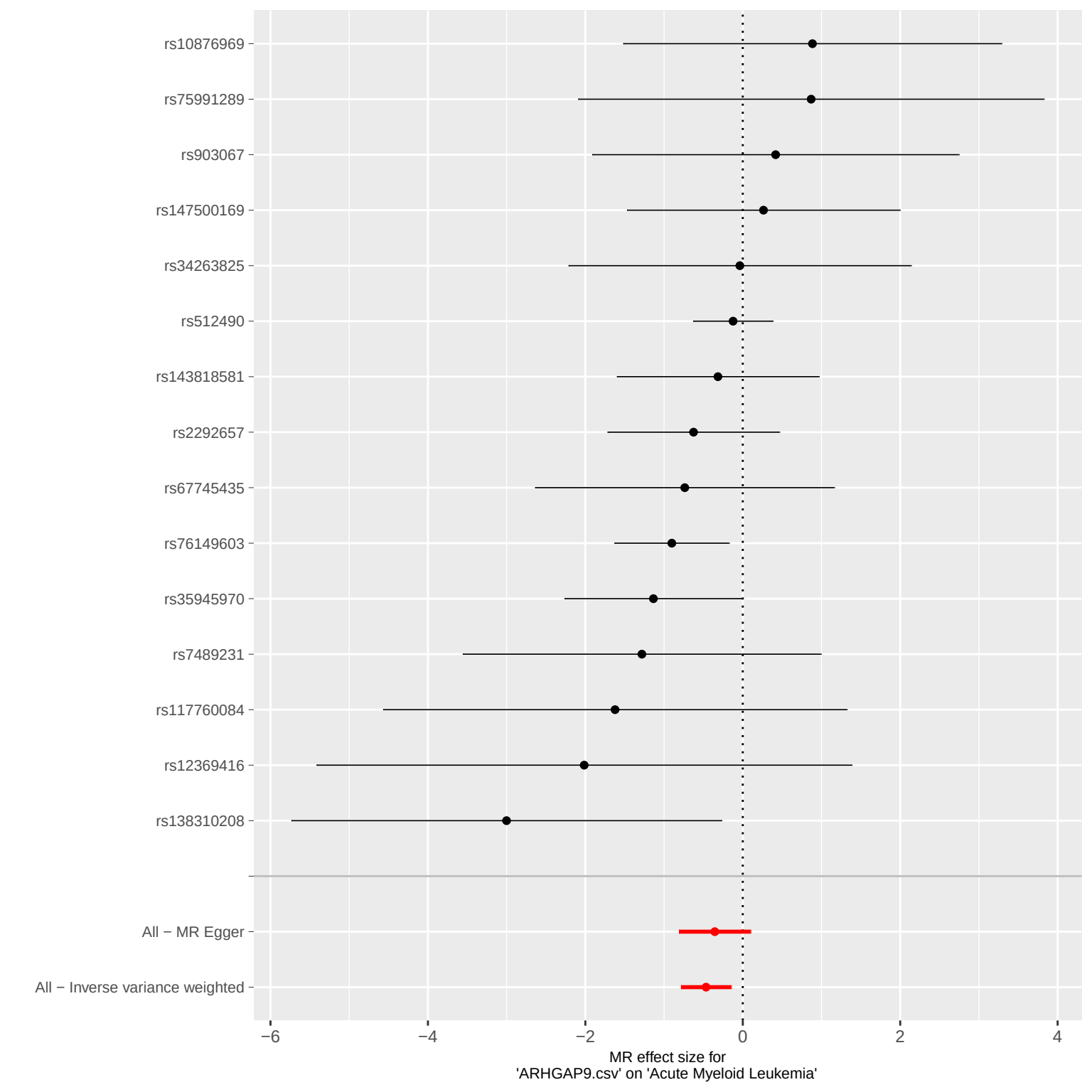
rs34968423
rs11987014
rs4977078
rs28686812
rs72689083
rs79218577
rs72689061
rs35422340
rs28626656
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ARC.csv' on 'Acute Myeloid Leukemia'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rs512490
rs143818581
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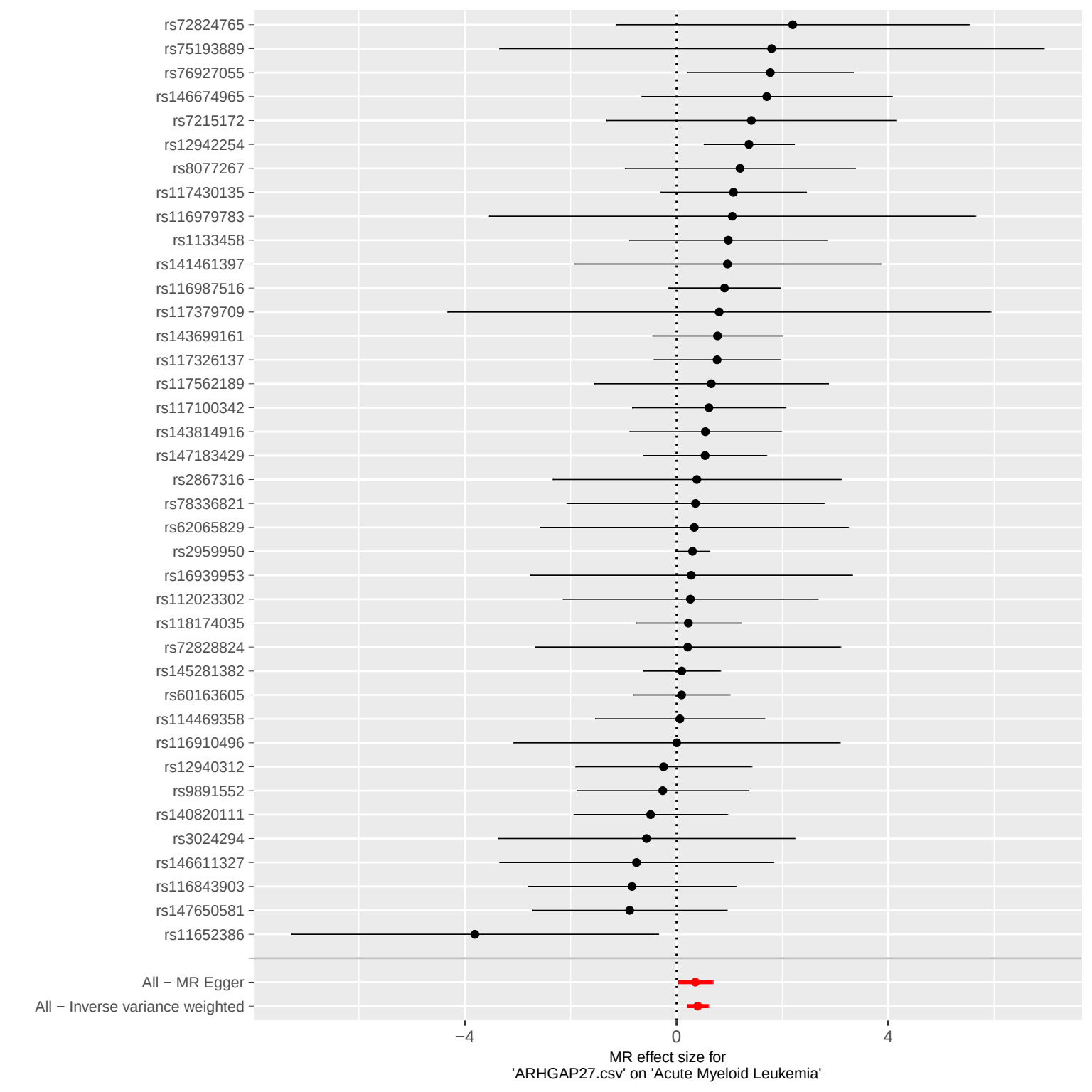
rs35945970
rs7489231
rs117760084
rs12369416
rs138310208
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'ARHGAP9.csv' on 'Acute Myeloid Leukemia'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rs116987516
rs117379709
rs143699161
rs117326137
rs117562189
rs117100342
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rs16939953
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rs118174035
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rs145281382
rs60163605
rs114469358
rs116910496
rs12940312
rs9891552
rs140820111
rs3024294
rs146611327
rs116843903
rs147650581
rs11652386
All − MR Egger
All − Inverse variance weighted
−4
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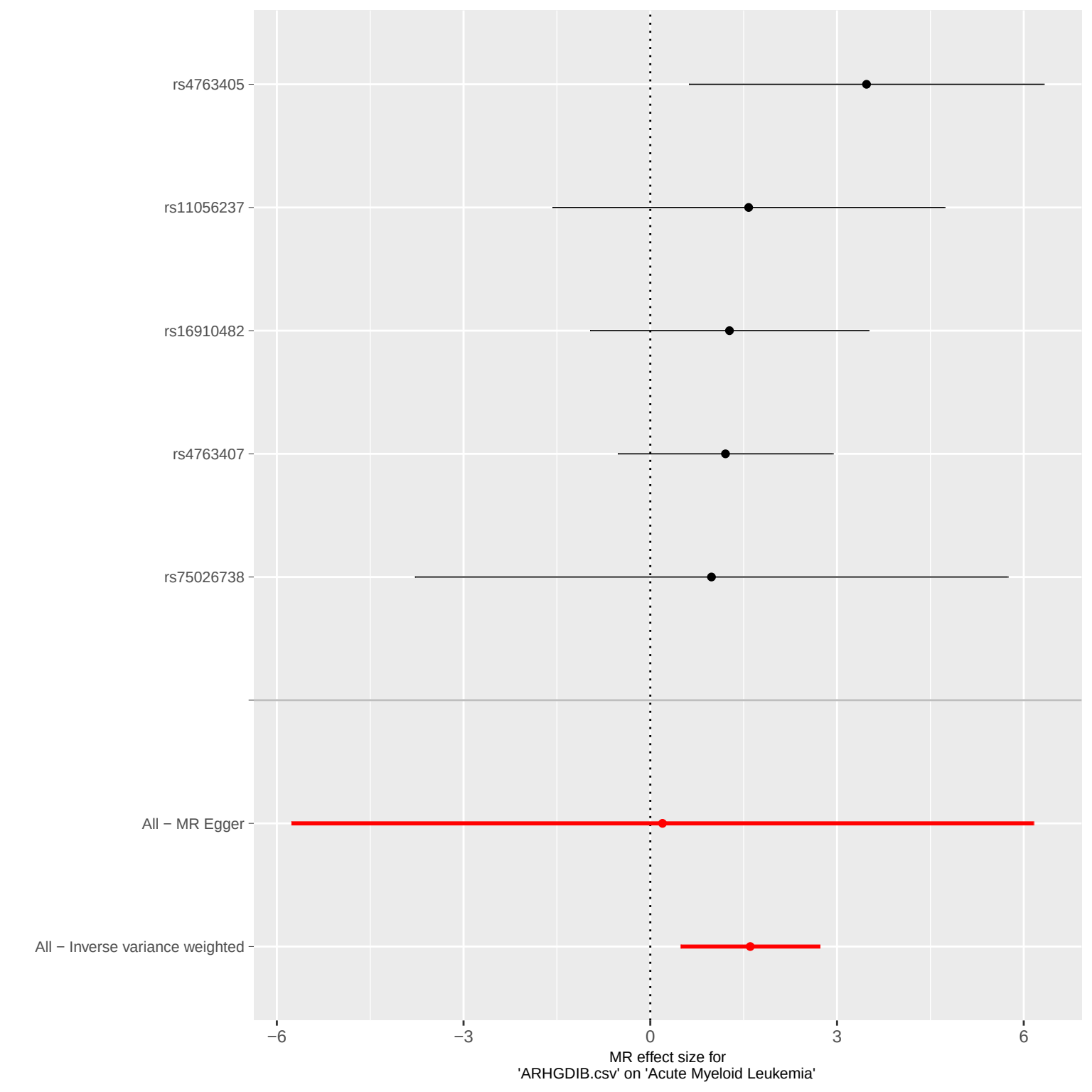
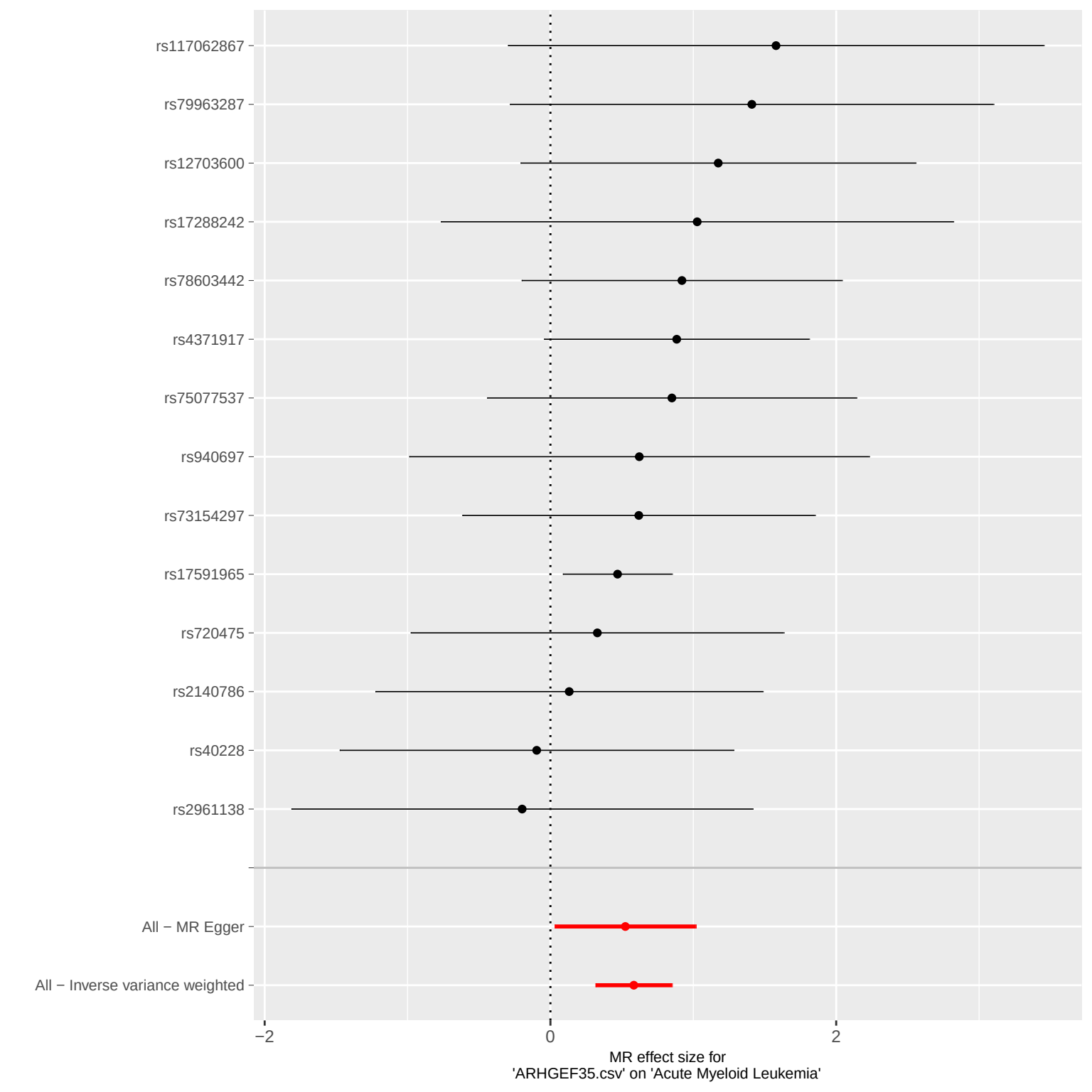
4
MR effect size for
'ARHGAP27.csv' on 'Acute Myeloid Leukemia'


rs4763405
rs11056237
rs16910482
rs4763407
rs75026738
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ARHGDIB.csv' on 'Acute Myeloid Leukemia'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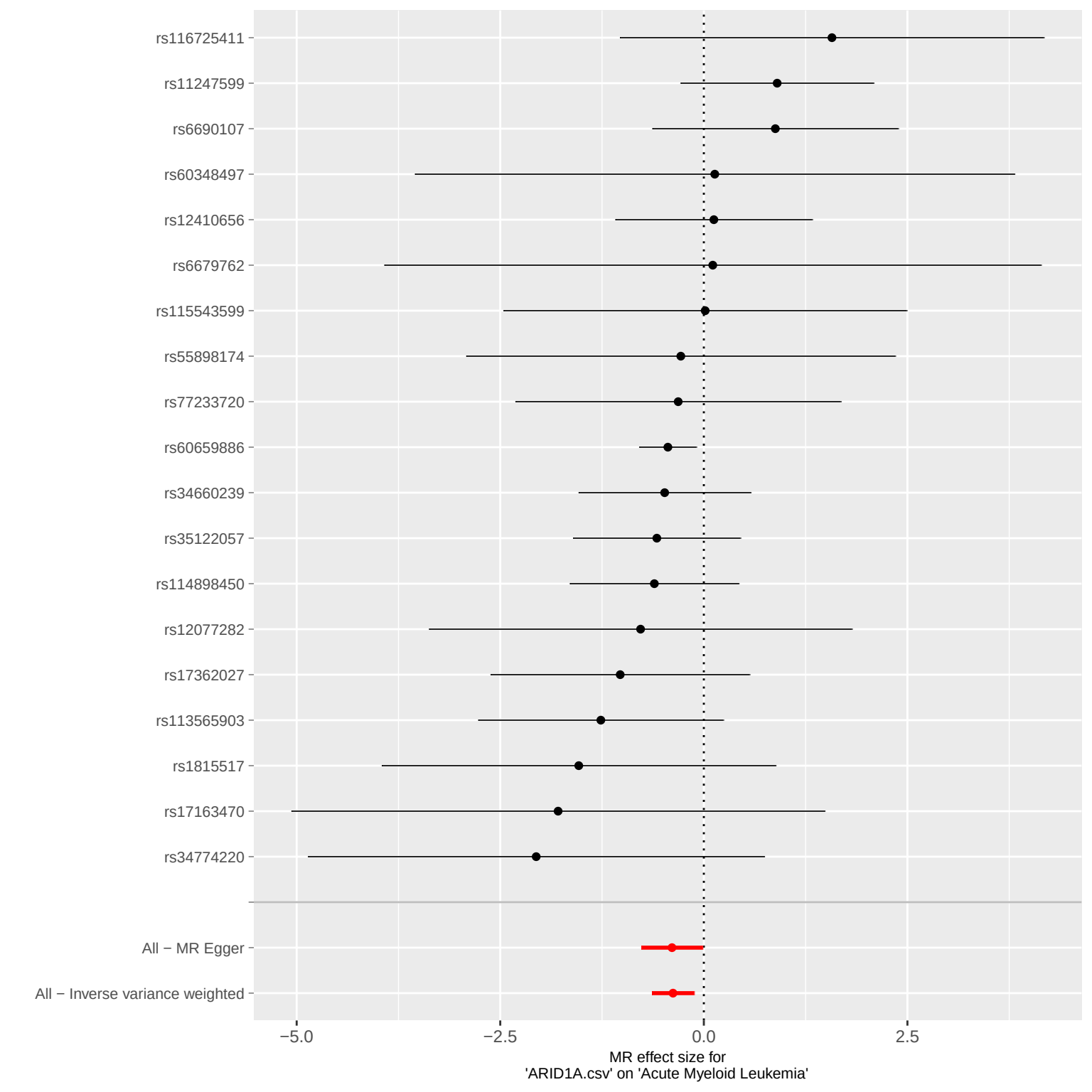
rs73154297
rs17591965
rs720475
rs2140786
rs40228
rs2961138
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ARHGEF35.csv' on 'Acute Myeloid Leukemia'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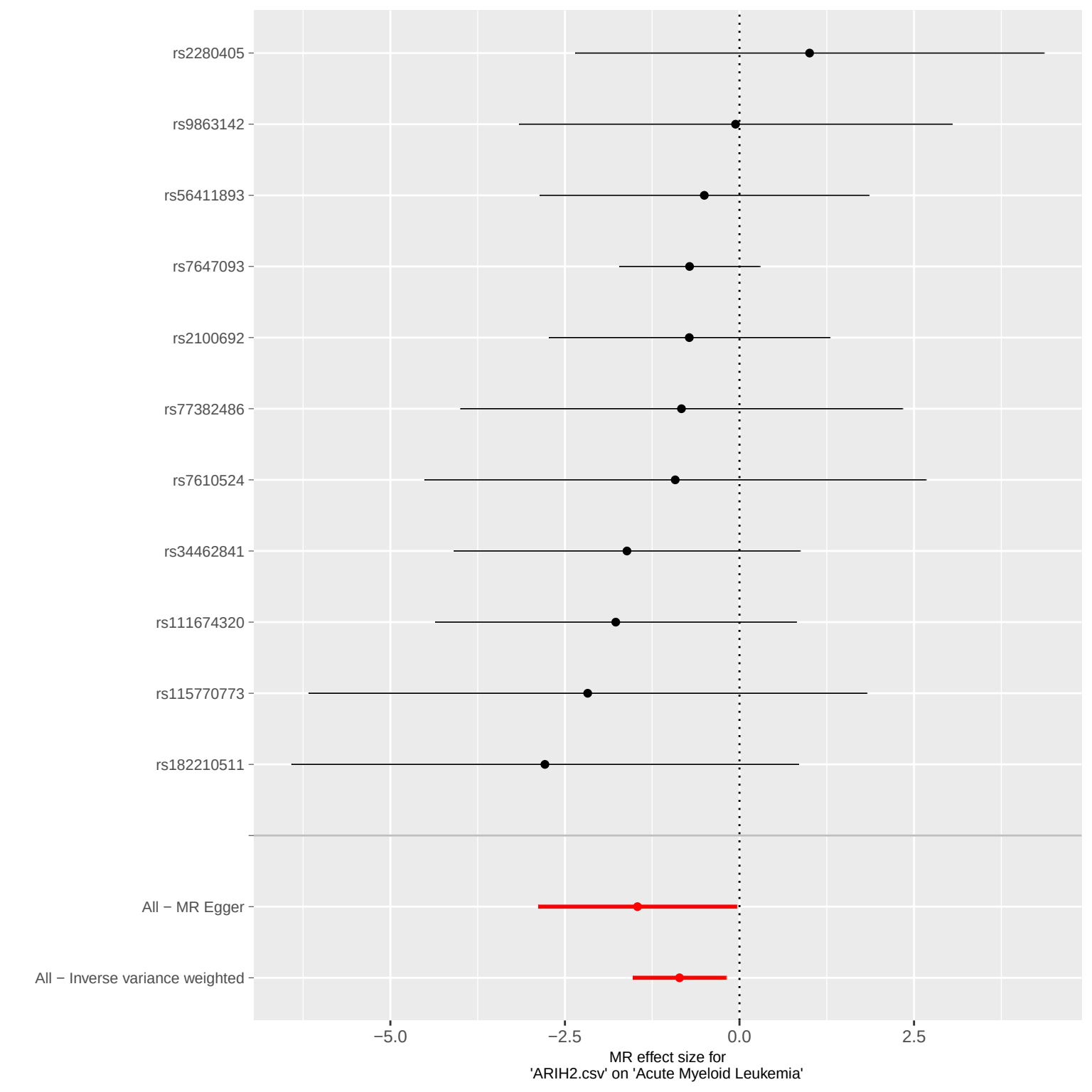
rs34660239
rs35122057
rs114898450
rs12077282
rs17362027
rs113565903
rs1815517
rs17163470
rs34774220
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ARID1A.csv' on 'Acute Myeloid Leukemia'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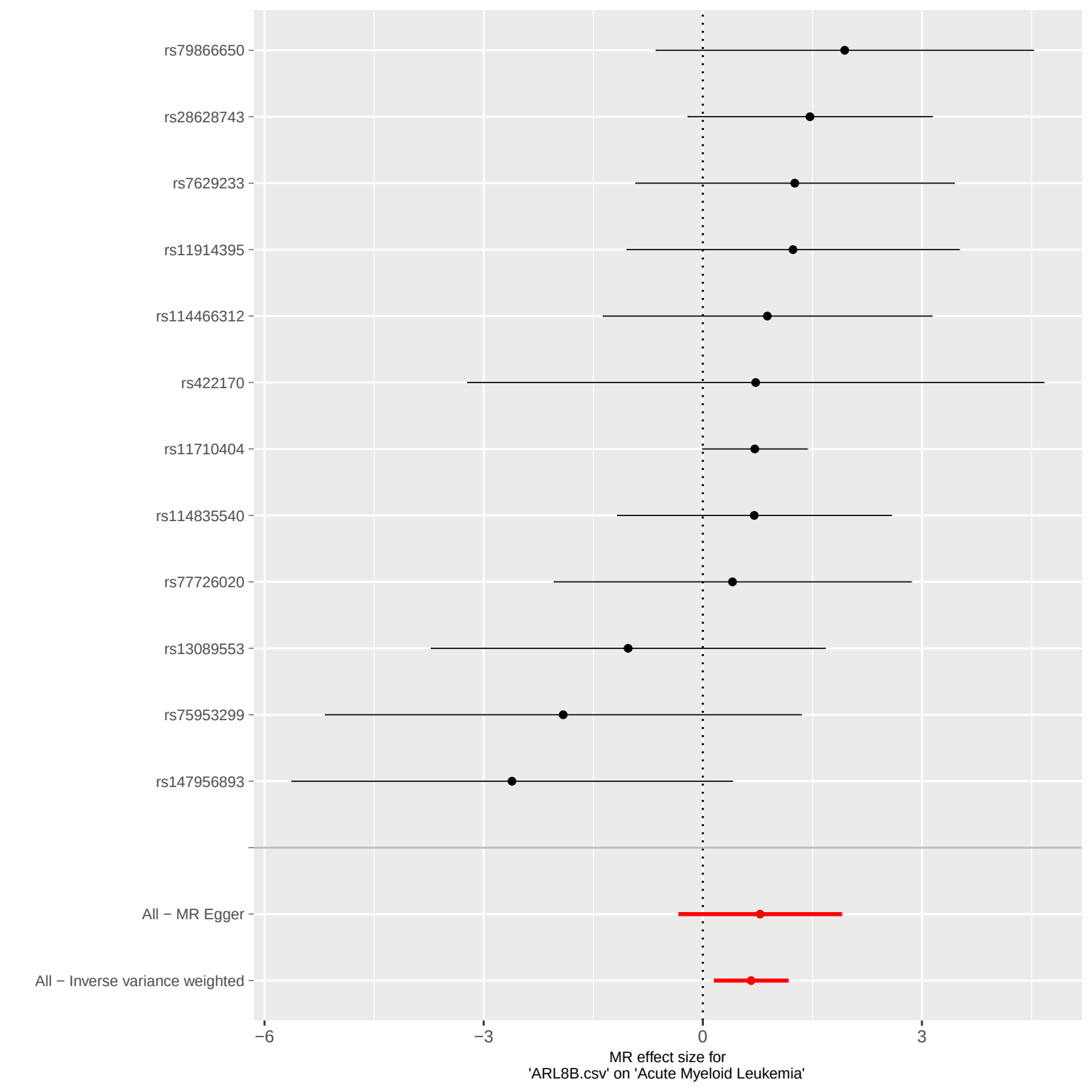
rs9863142
rs56411893
rs7647093
rs2100692
rs77382486
rs7610524
rs34462841
rs111674320
rs115770773
rs182210511
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ARIH2.csv' on 'Acute Myeloid Leukemia'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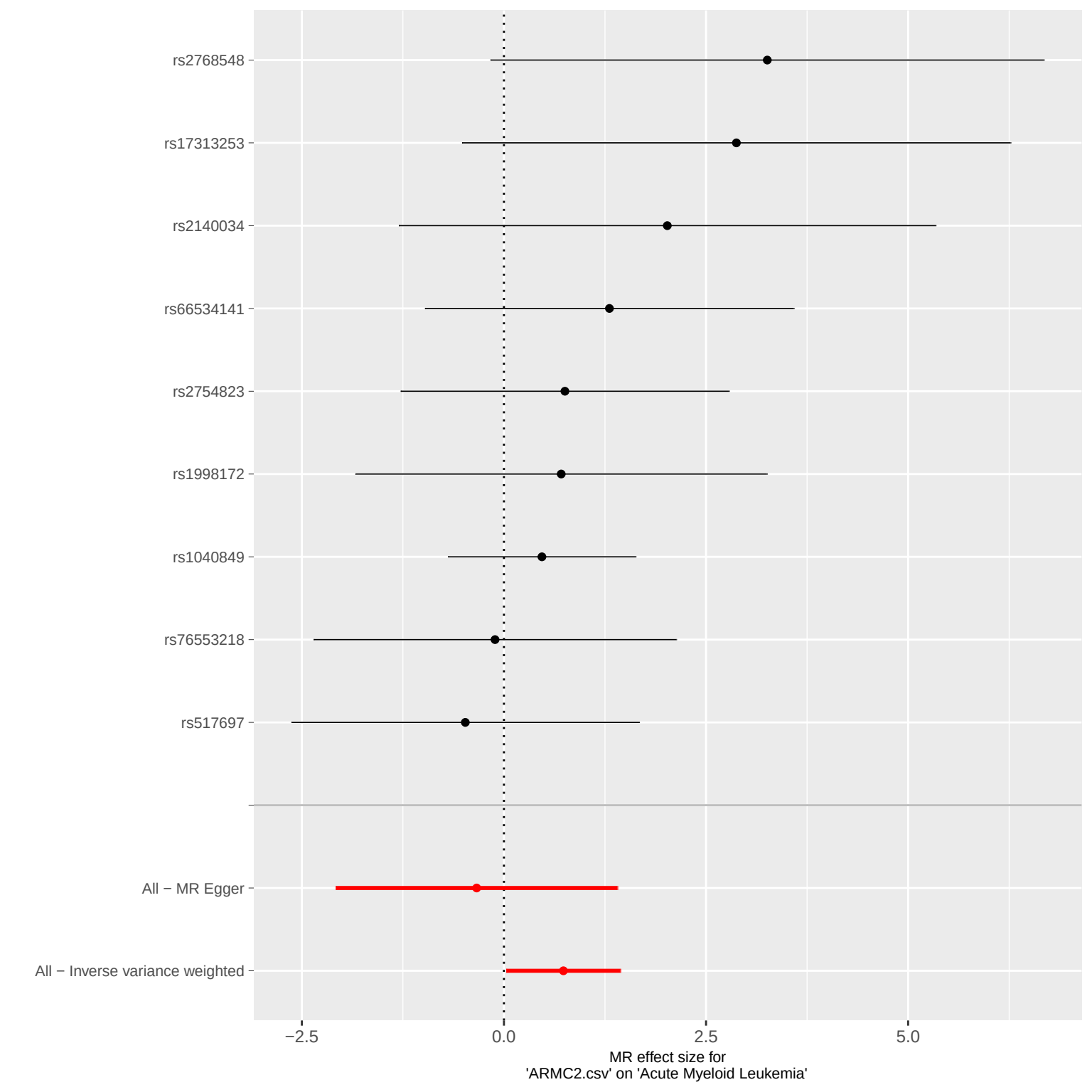
rs422170
rs11710404
rs114835540
rs77726020
rs13089553
rs75953299
rs147956893
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ARL8B.csv' on 'Acute Myeloid Leukemia'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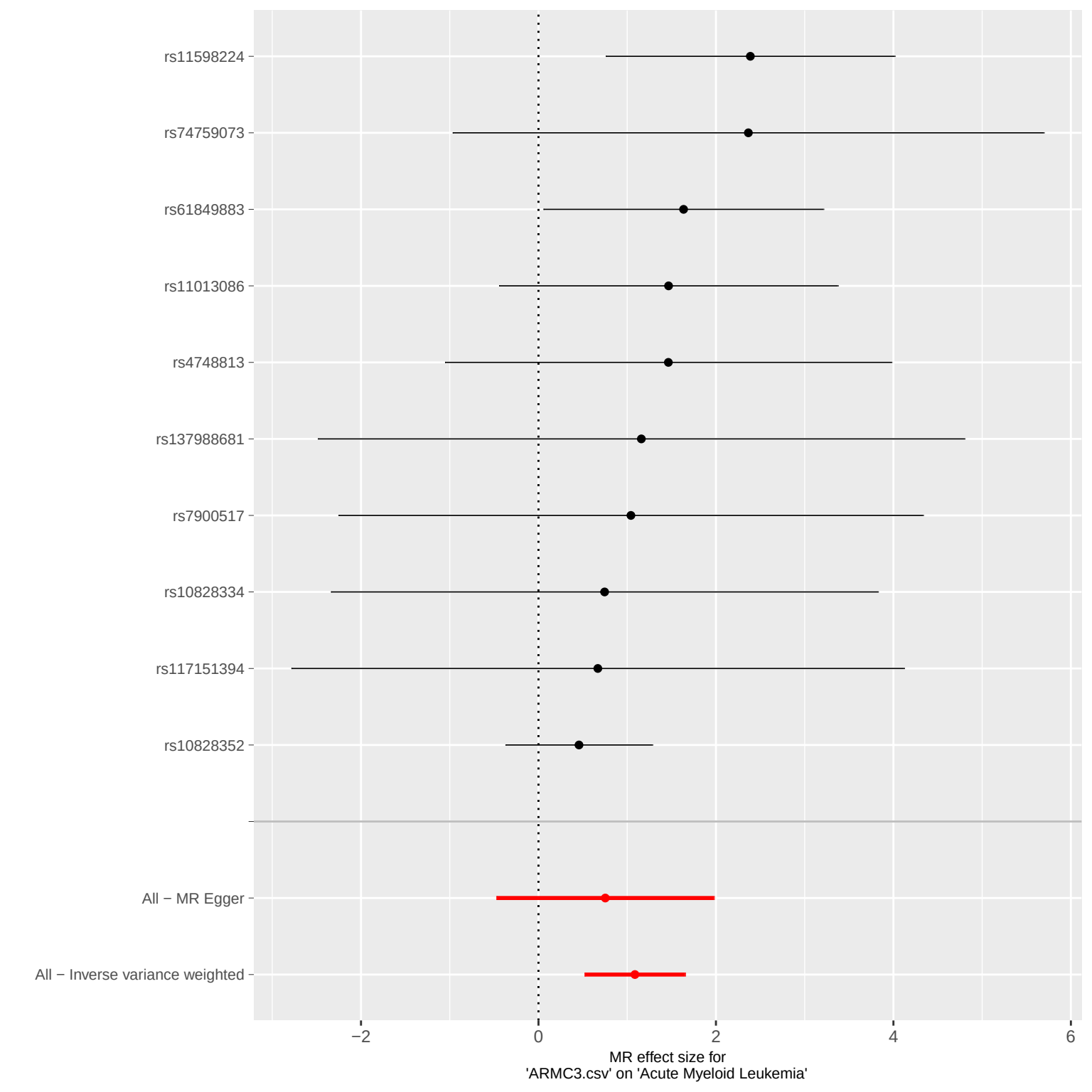
rs17313253
rs2140034
rs66534141
rs2754823
rs1998172
rs1040849
rs76553218
rs517697
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ARMC2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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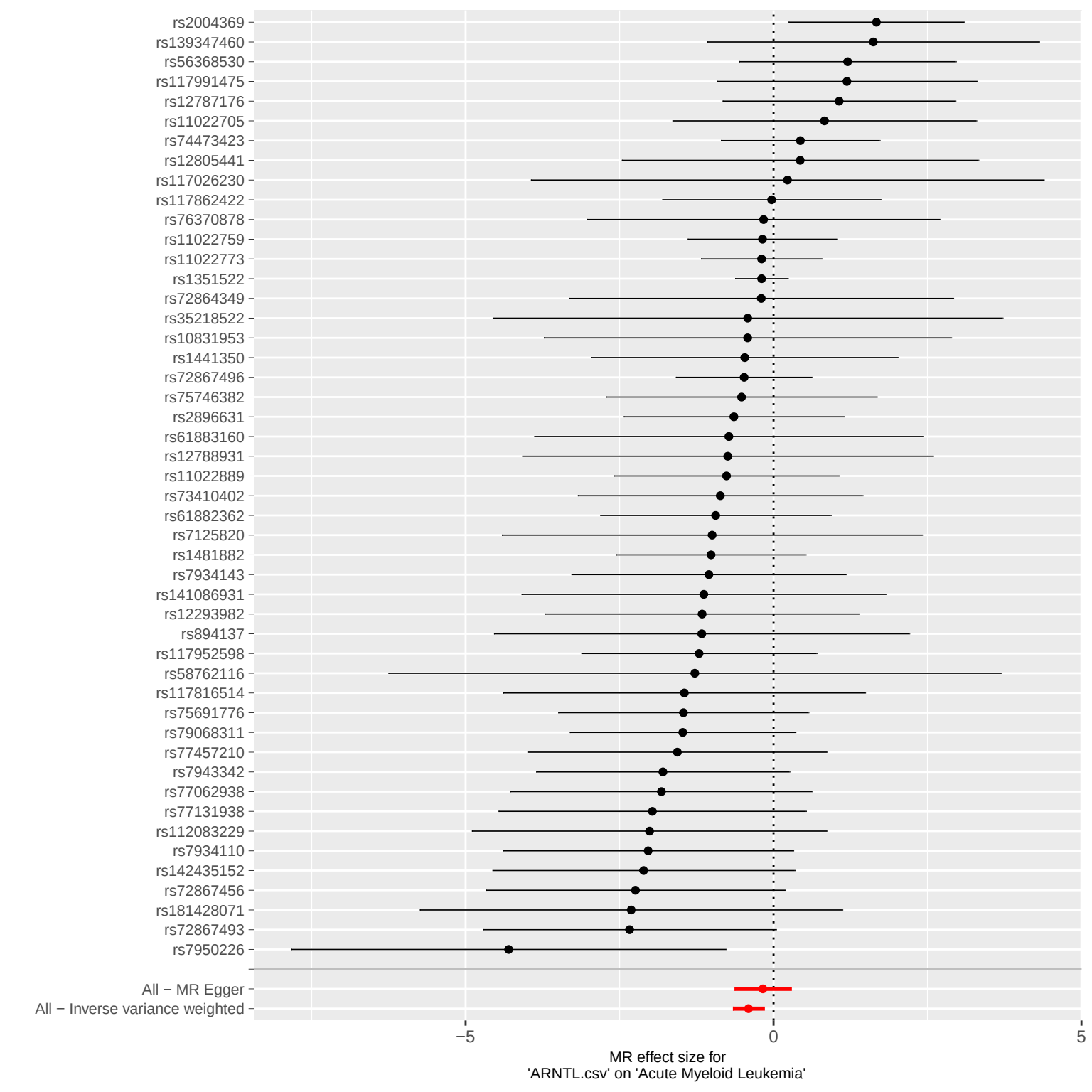
2
4
6
MR effect size for
'ARMC3.csv' on 'Acute Myeloid Leukemia'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rs7943342
rs77062938
rs77131938
rs112083229
rs7934110
rs142435152
rs72867456
rs181428071
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All − MR Egger
All − Inverse variance weighted
−5
0
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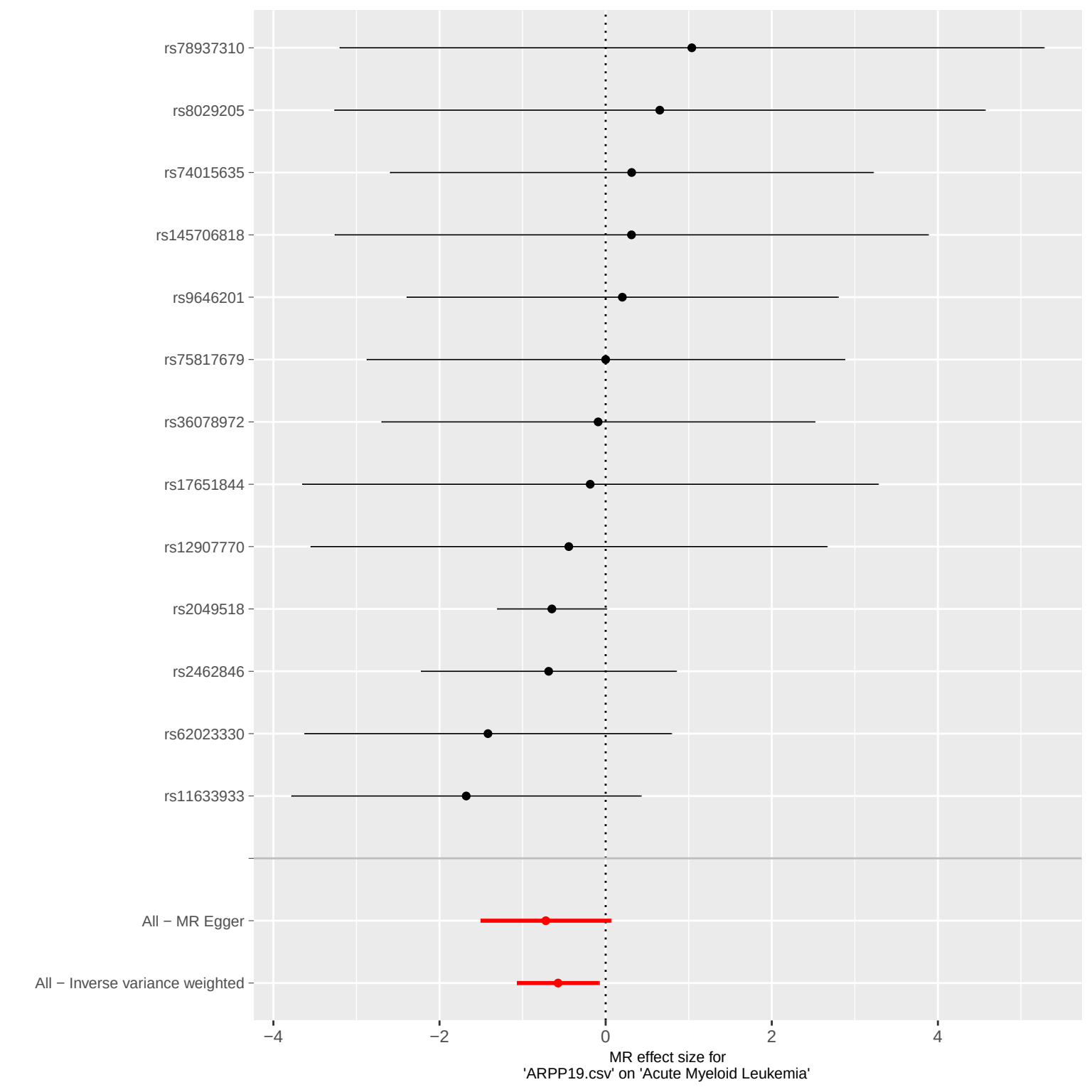
MR effect size for
'ARNTL.csv' on 'Acute Myeloid Leukemia'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rs2462846
rs62023330
rs11633933
All − MR Egger
All − Inverse variance weighted
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−2
0
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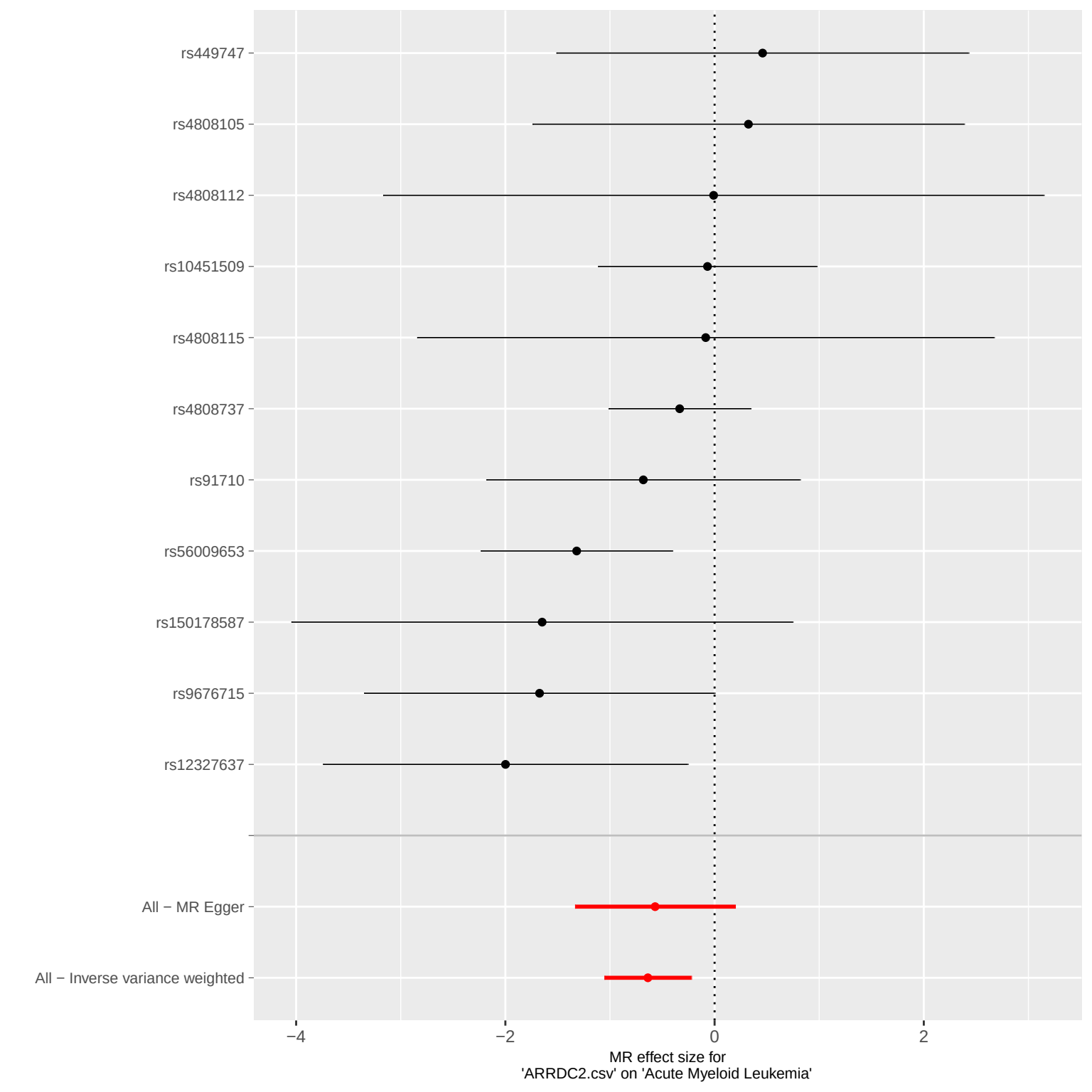
4
MR effect size for
'ARPP19.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
0
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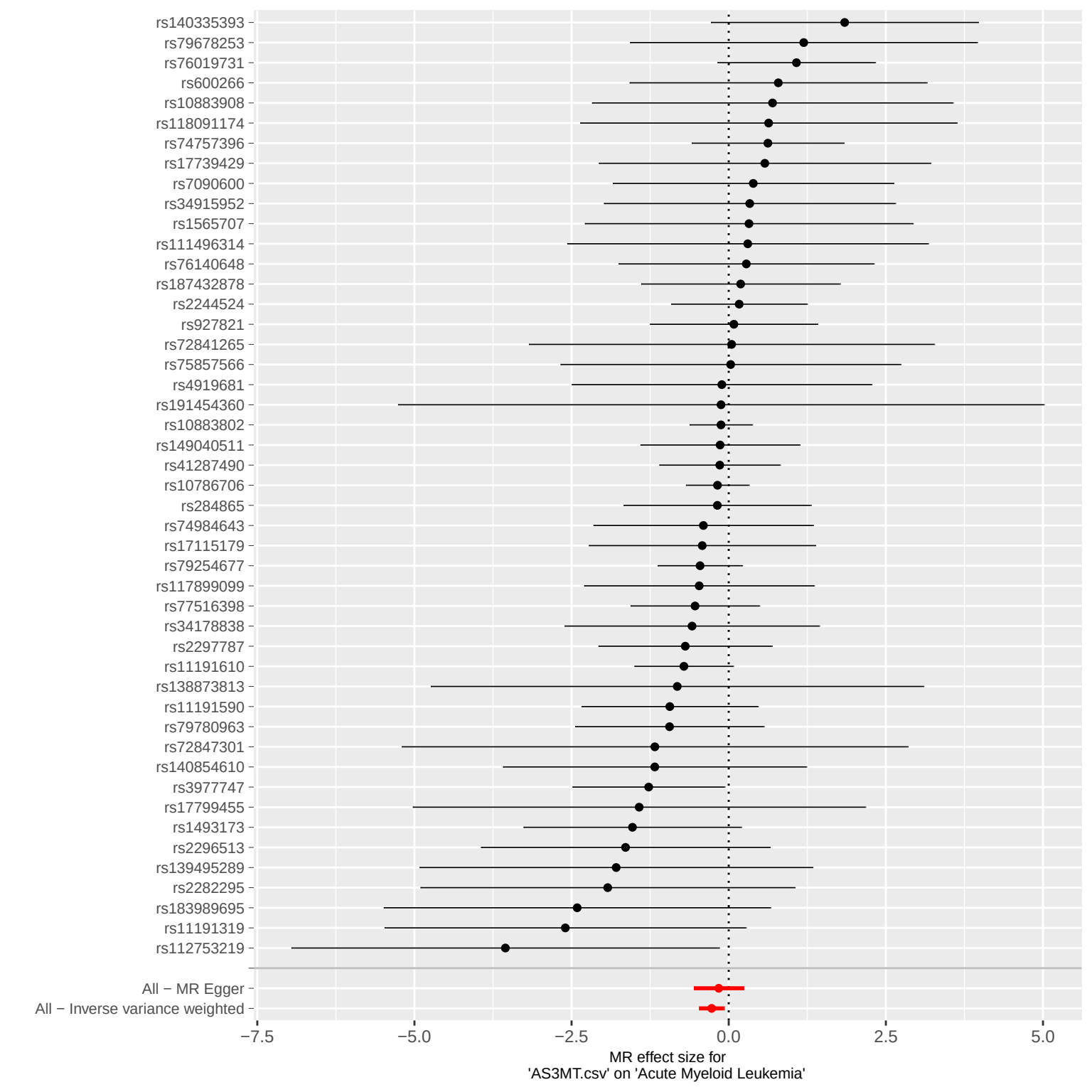
MR effect size for
'ARRDC2.csv' on 'Acute Myeloid Leukemia'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rs140854610
rs3977747
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rs1493173
rs2296513
rs139495289
rs2282295
rs183989695
rs11191319
rs112753219
All − MR Egger
All − Inverse variance weighted
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−2.5
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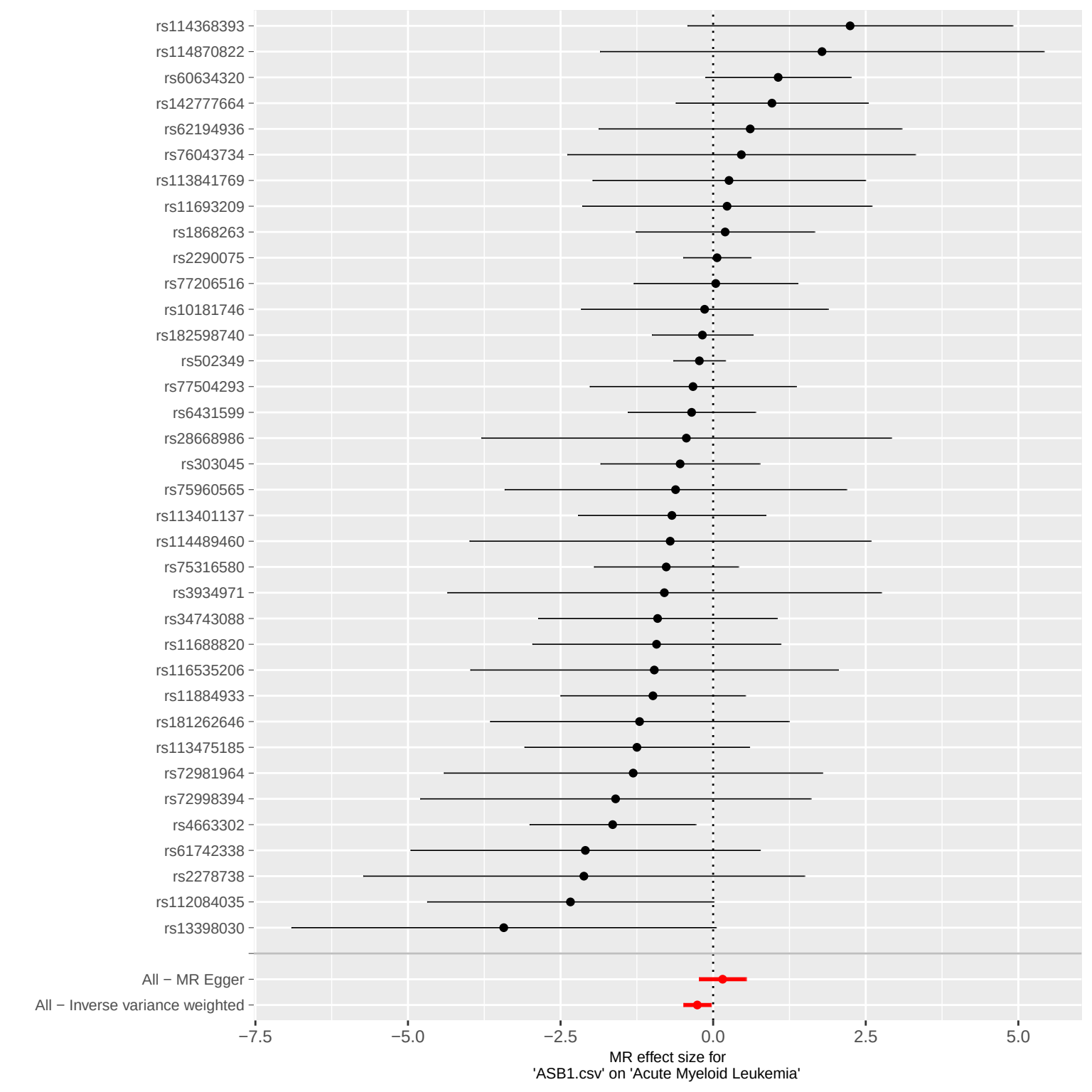
2.5
5.0
MR effect size for
'AS3MT.csv' on 'Acute Myeloid Leukemia'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rs11884933
rs181262646
rs113475185
rs72981964
rs72998394
rs4663302
rs61742338
rs2278738
rs112084035
rs13398030
All − MR Egger
All − Inverse variance weighted
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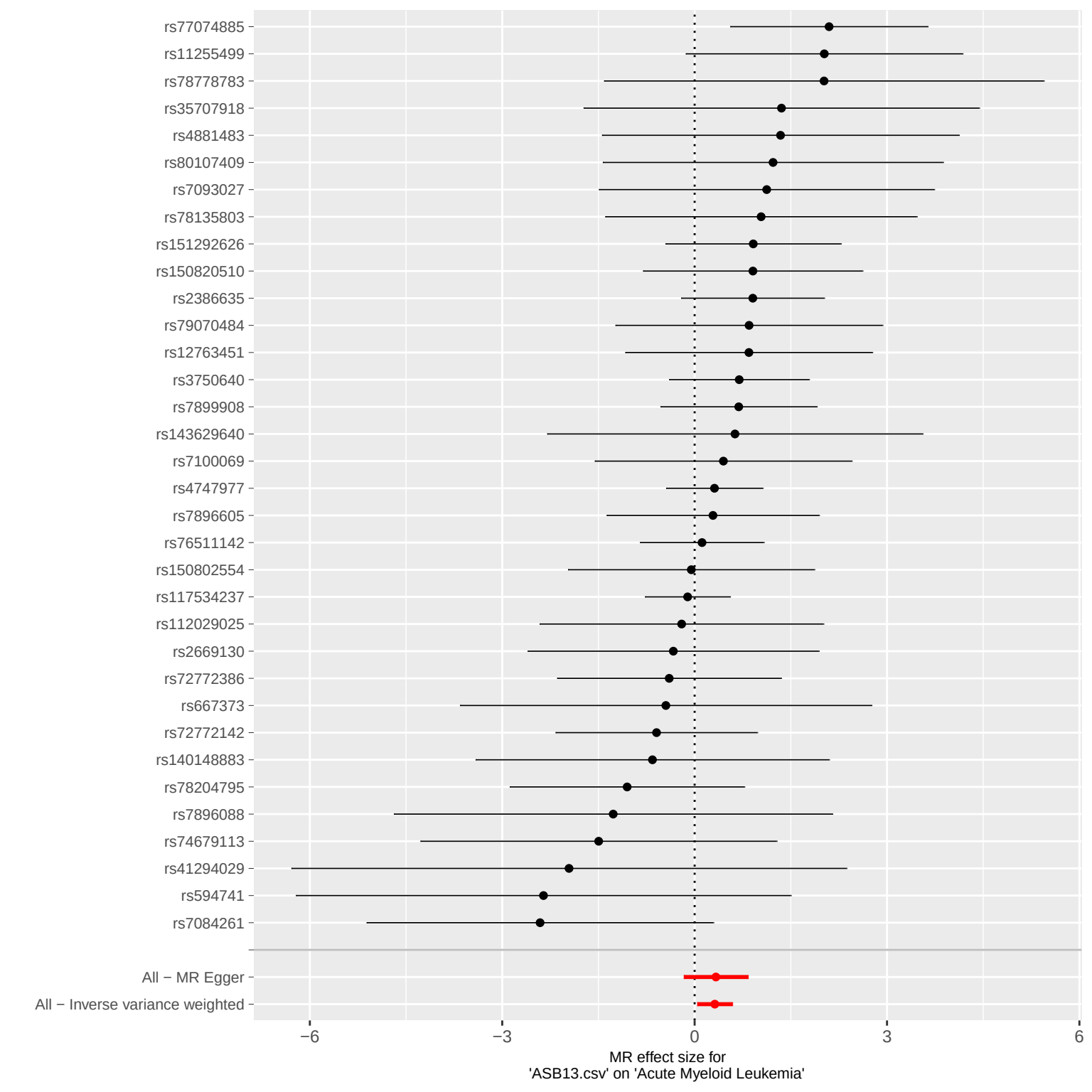
−2.5
0.0
2.5
5.0
MR effect size for
'ASB1.csv' on 'Acute Myeloid Leukemia'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rs2669130
rs72772386
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rs72772142
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rs7896088
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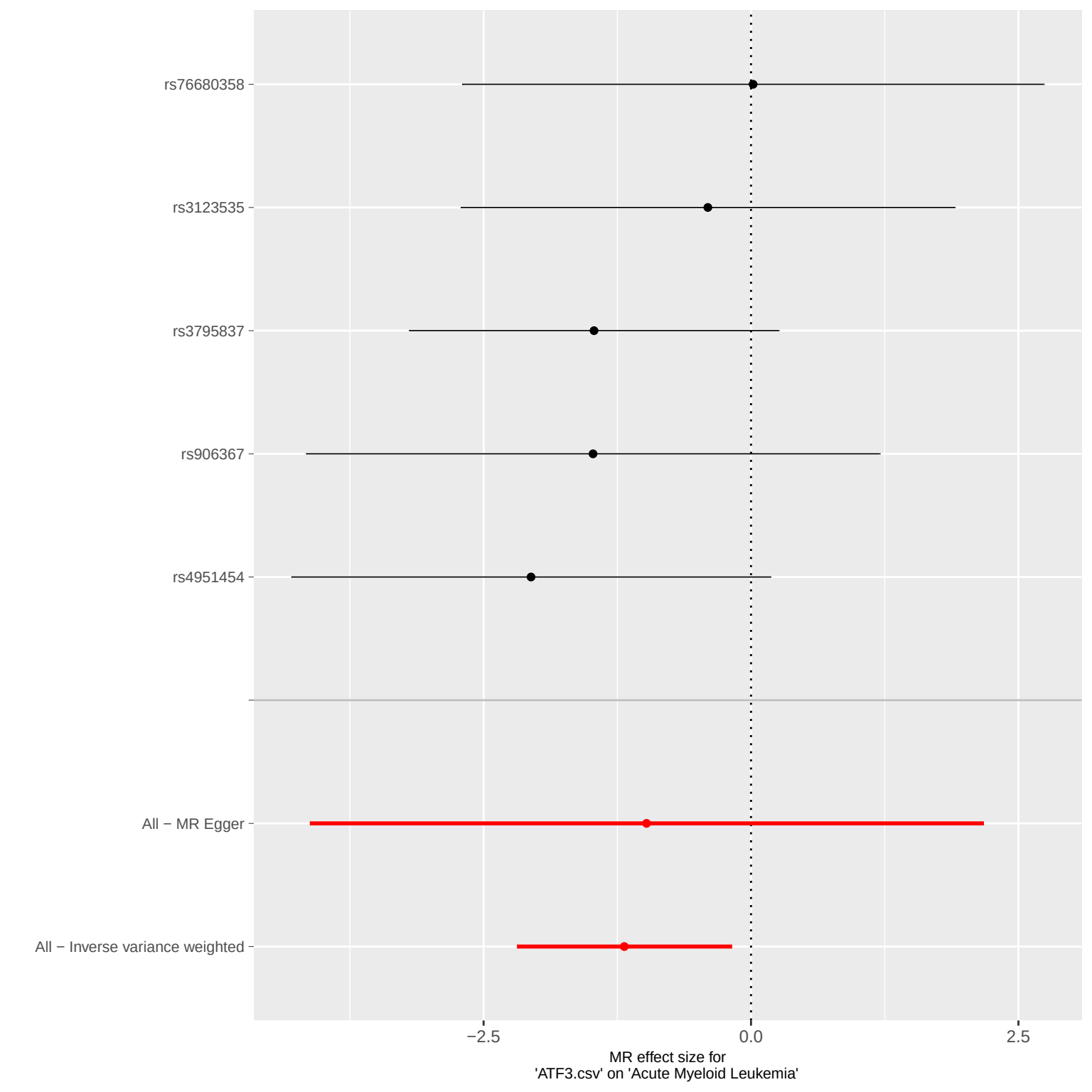
rs41294029
rs594741
rs7084261
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ASB13.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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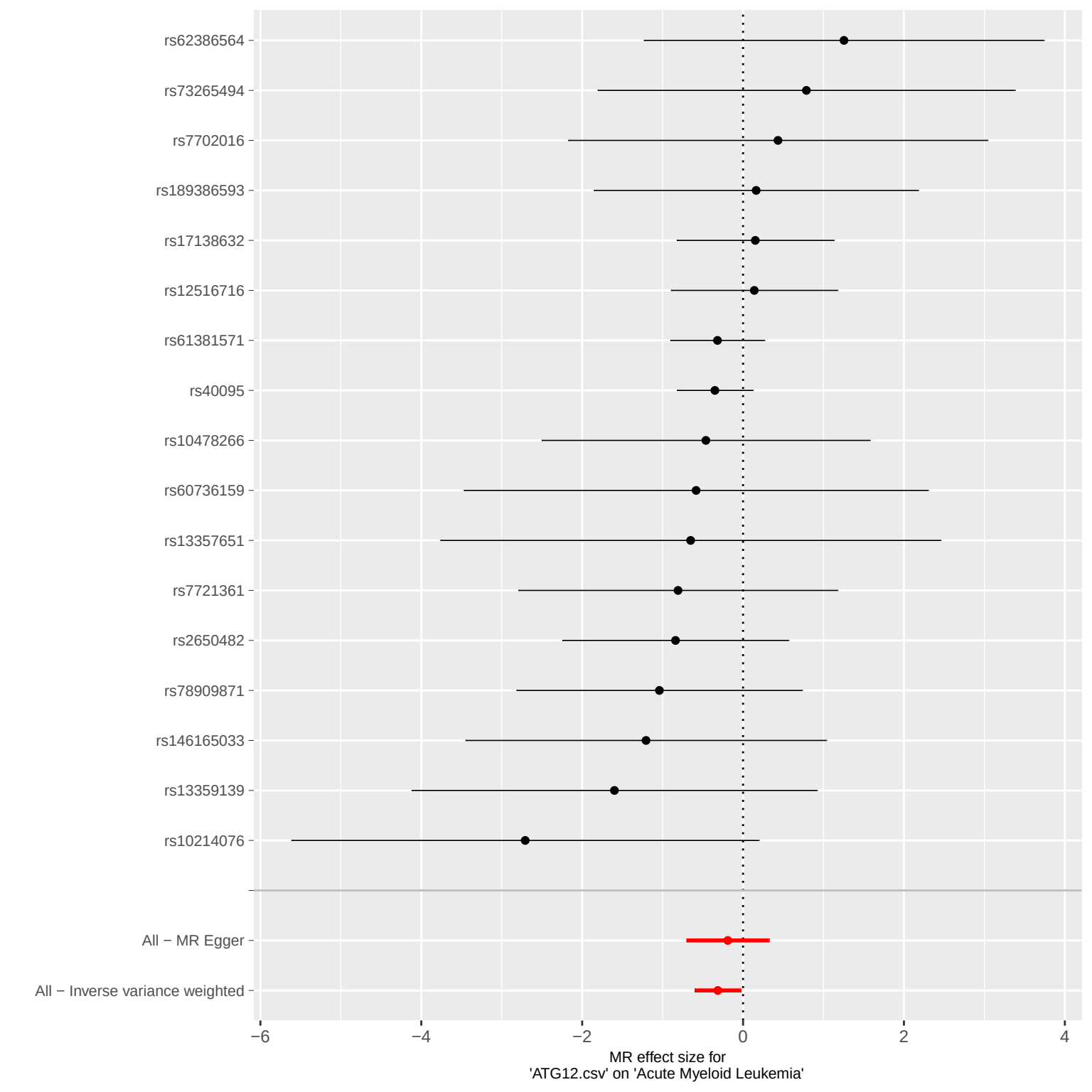
0.0
2.5
MR effect size for
'ATF3.csv' on 'Acute Myeloid Leukemia'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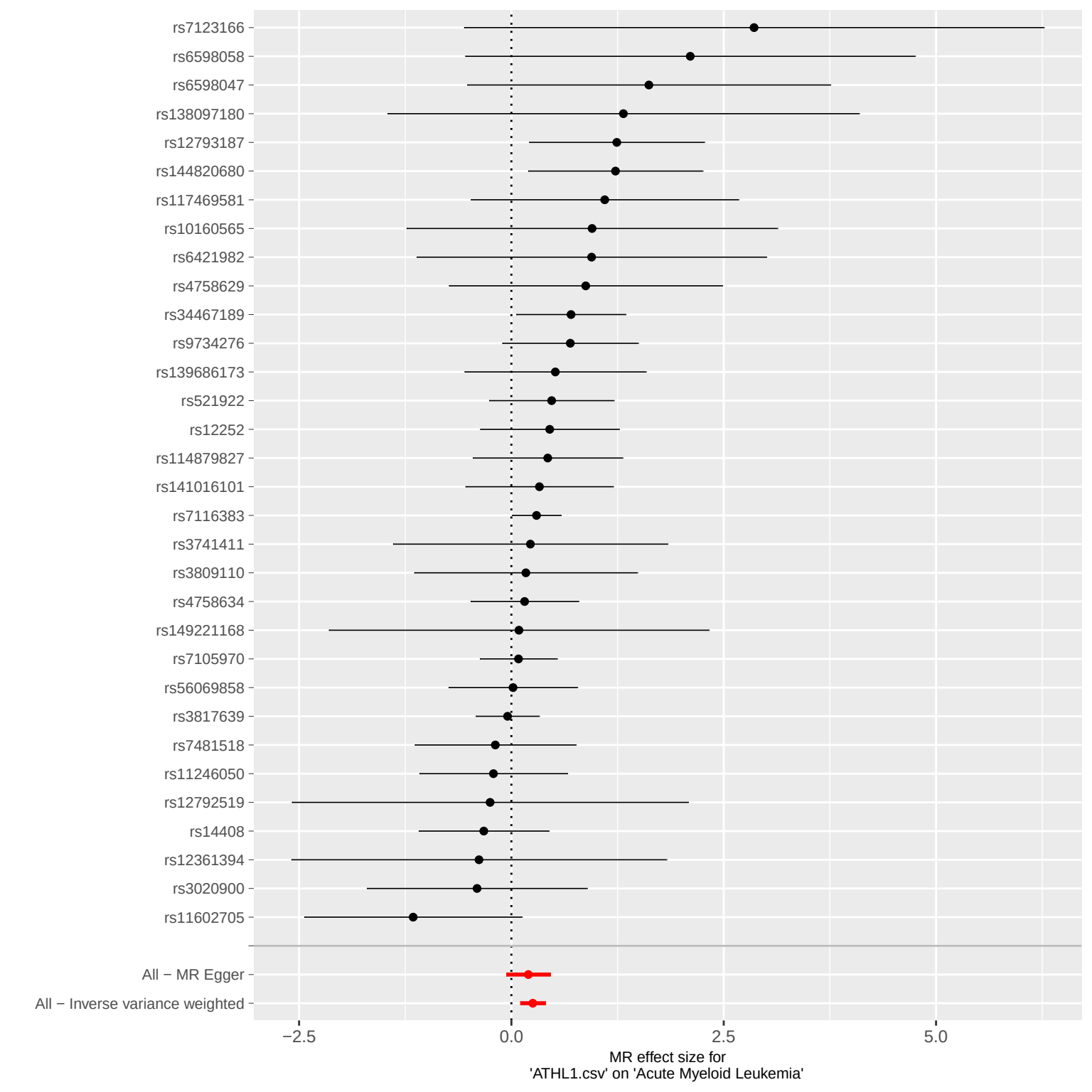
rs13359139
rs10214076
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'ATG12.csv' on 'Acute Myeloid Leukemia'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rs3020900
rs11602705
All − MR Egger
All − Inverse variance weighted
−2.5
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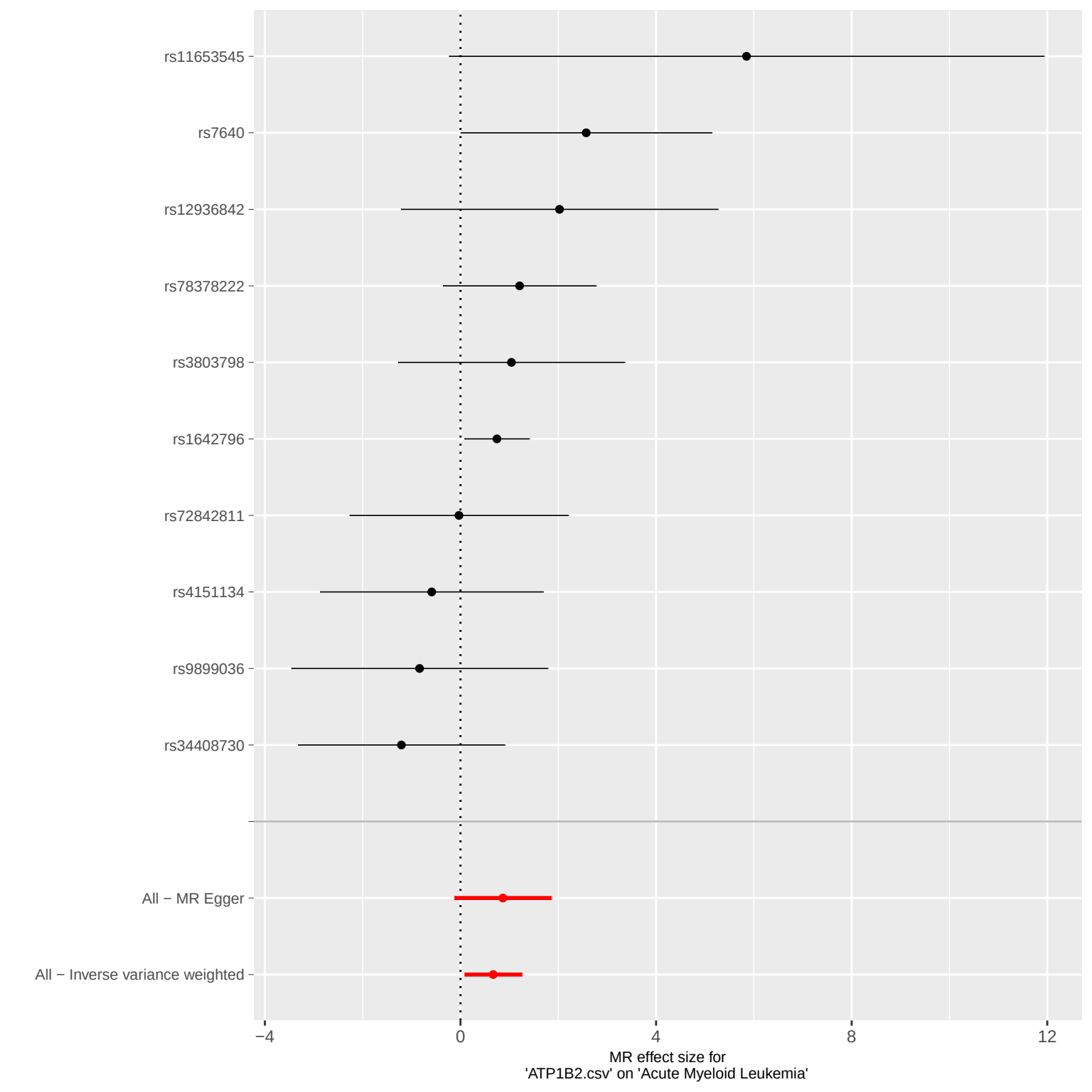
2.5
5.0
MR effect size for
'ATHL1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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4
8
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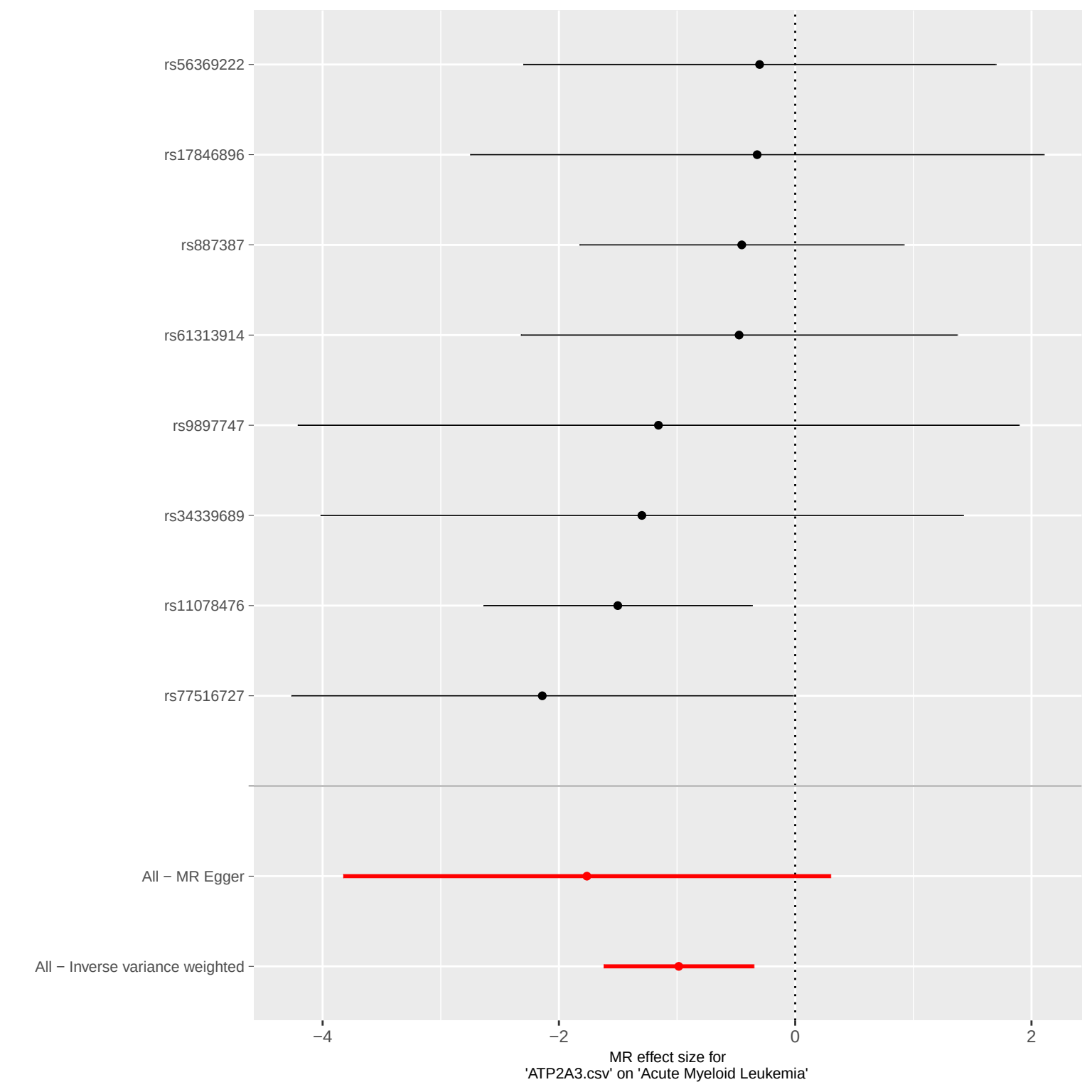
MR effect size for
'ATP1B2.csv' on 'Acute Myeloid Leukemia'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rs61313914
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rs34339689
rs11078476
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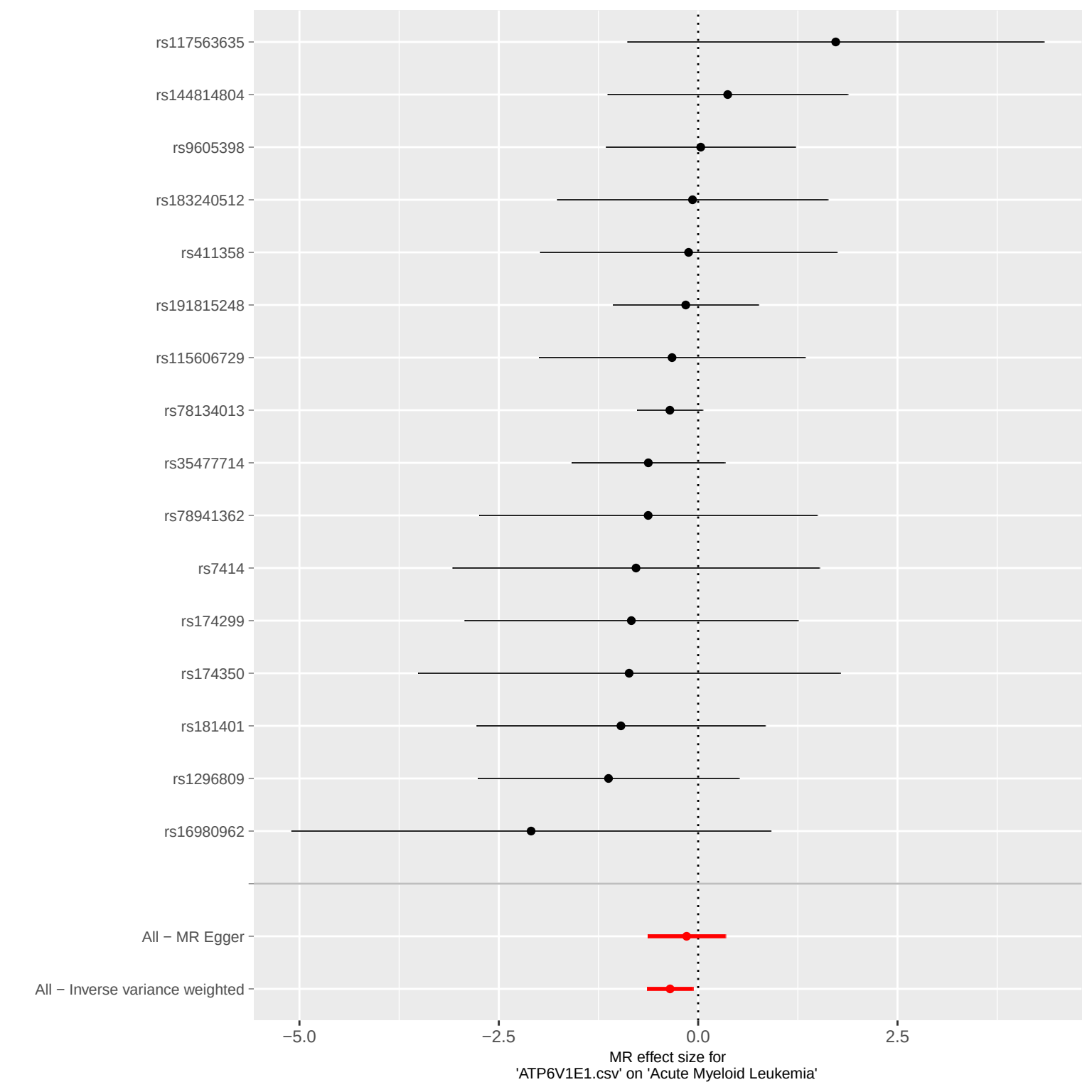
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ATP2A3.csv' on 'Acute Myeloid Leukemia'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rs1296809
rs16980962
All − MR Egger
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−2.5
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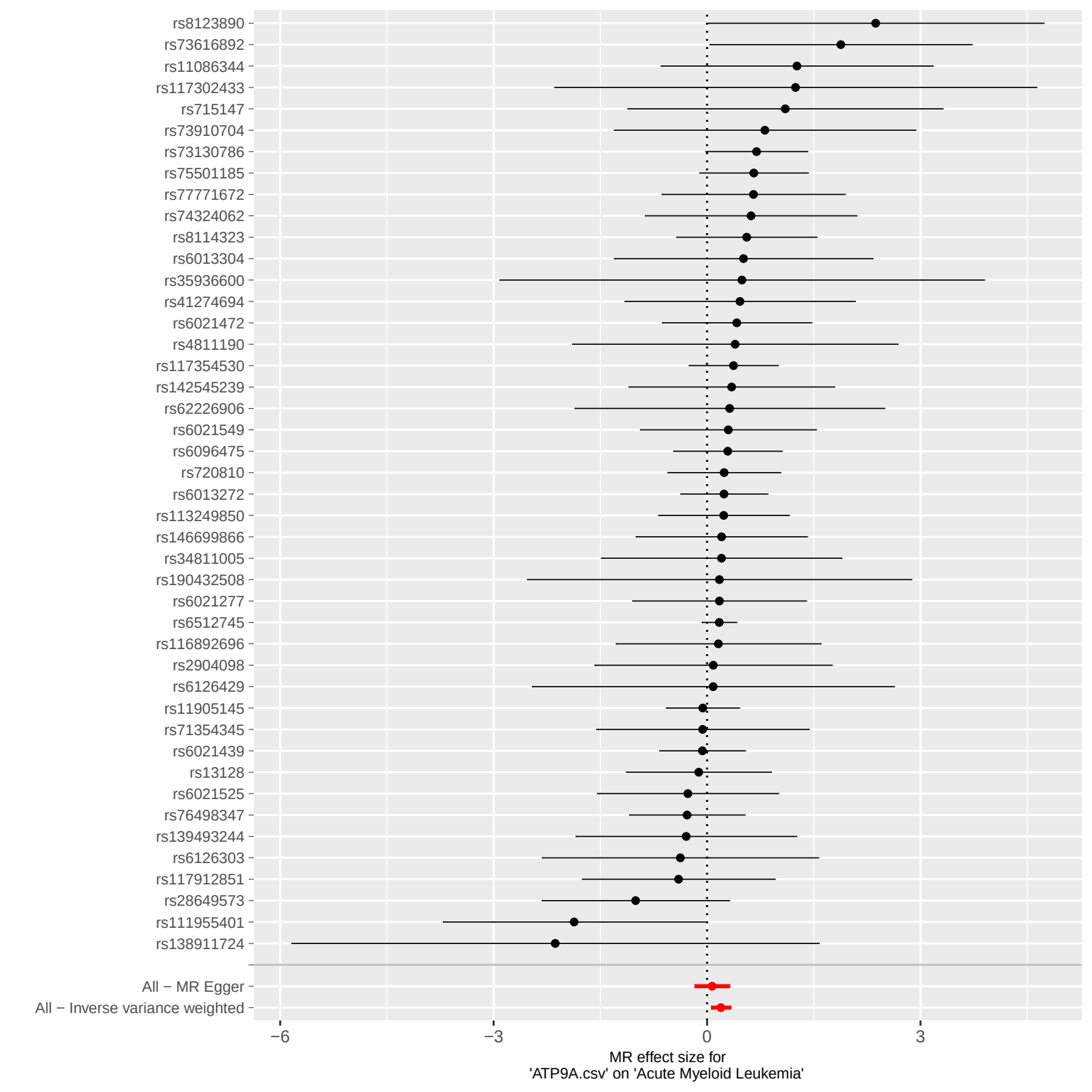
2.5
MR effect size for
'ATP6V1E1.csv' on 'Acute Myeloid Leukemia'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rs117912851
rs28649573
rs111955401
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All − MR Egger
All − Inverse variance weighted
−6
−3
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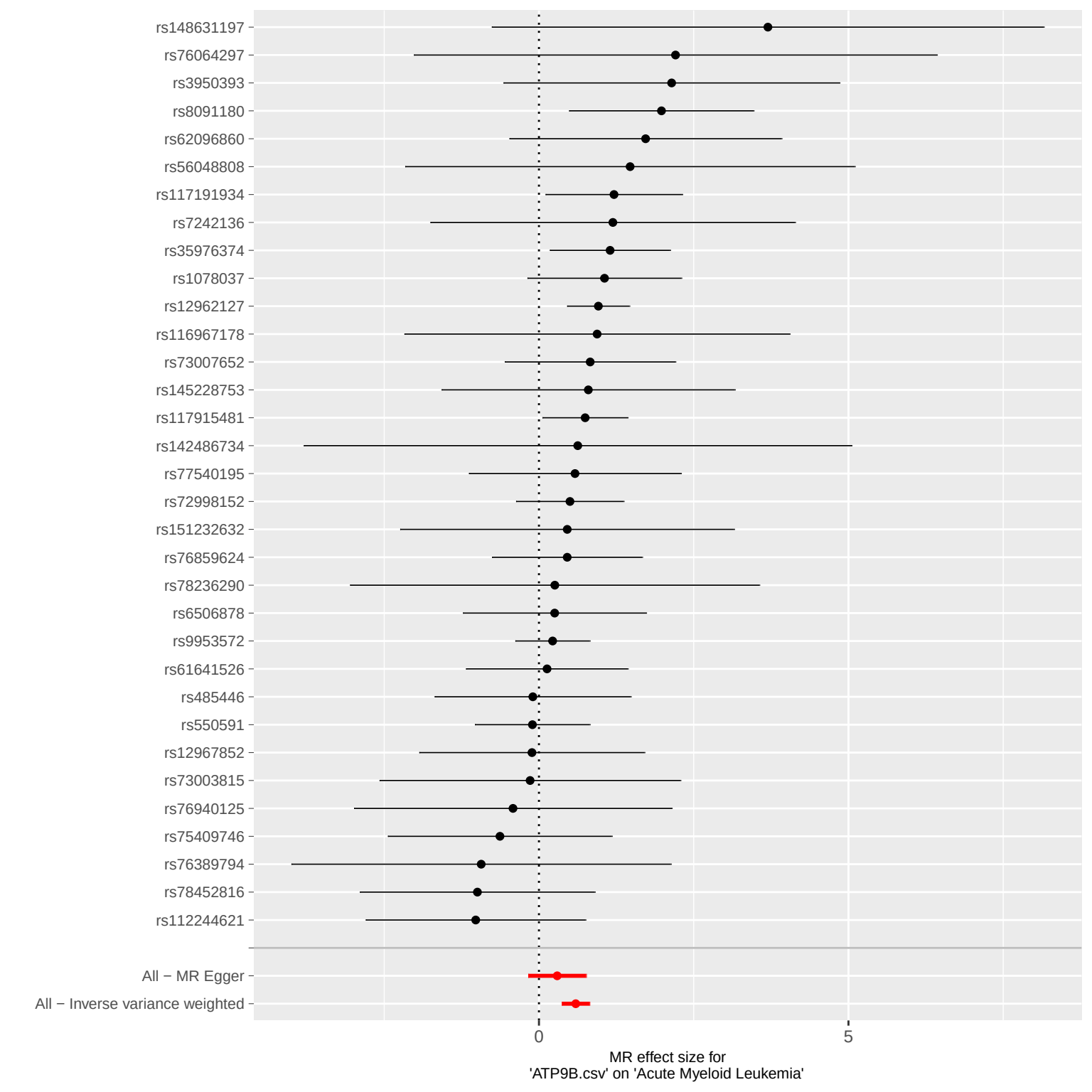
3
MR effect size for
'ATP9A.csv' on 'Acute Myeloid Leukemia'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rs75409746
rs76389794
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All − MR Egger
All − Inverse variance weighted
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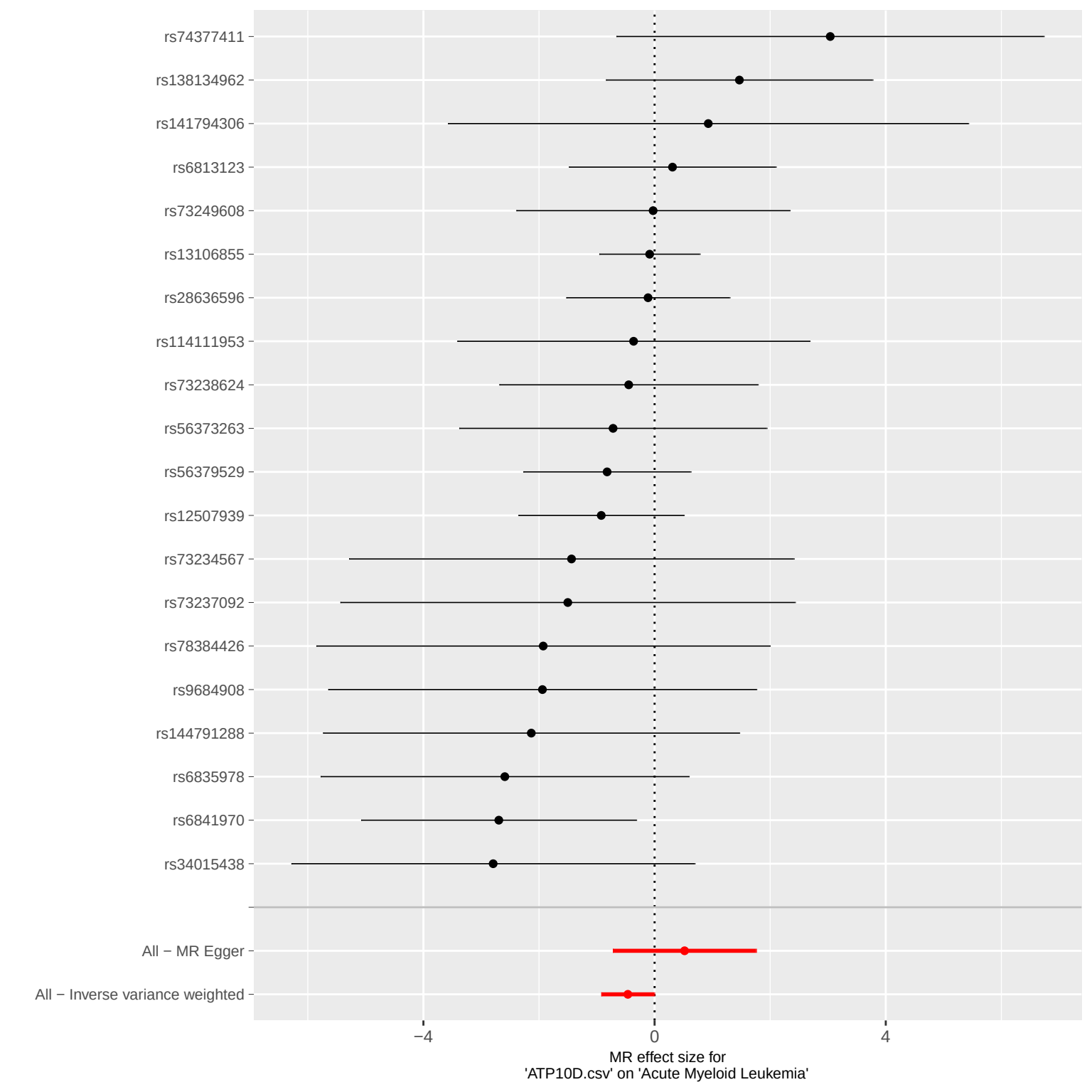
MR effect size for
'ATP9B.csv' on 'Acute Myeloid Leukemia'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rs9684908
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All − MR Egger
All − Inverse variance weighted
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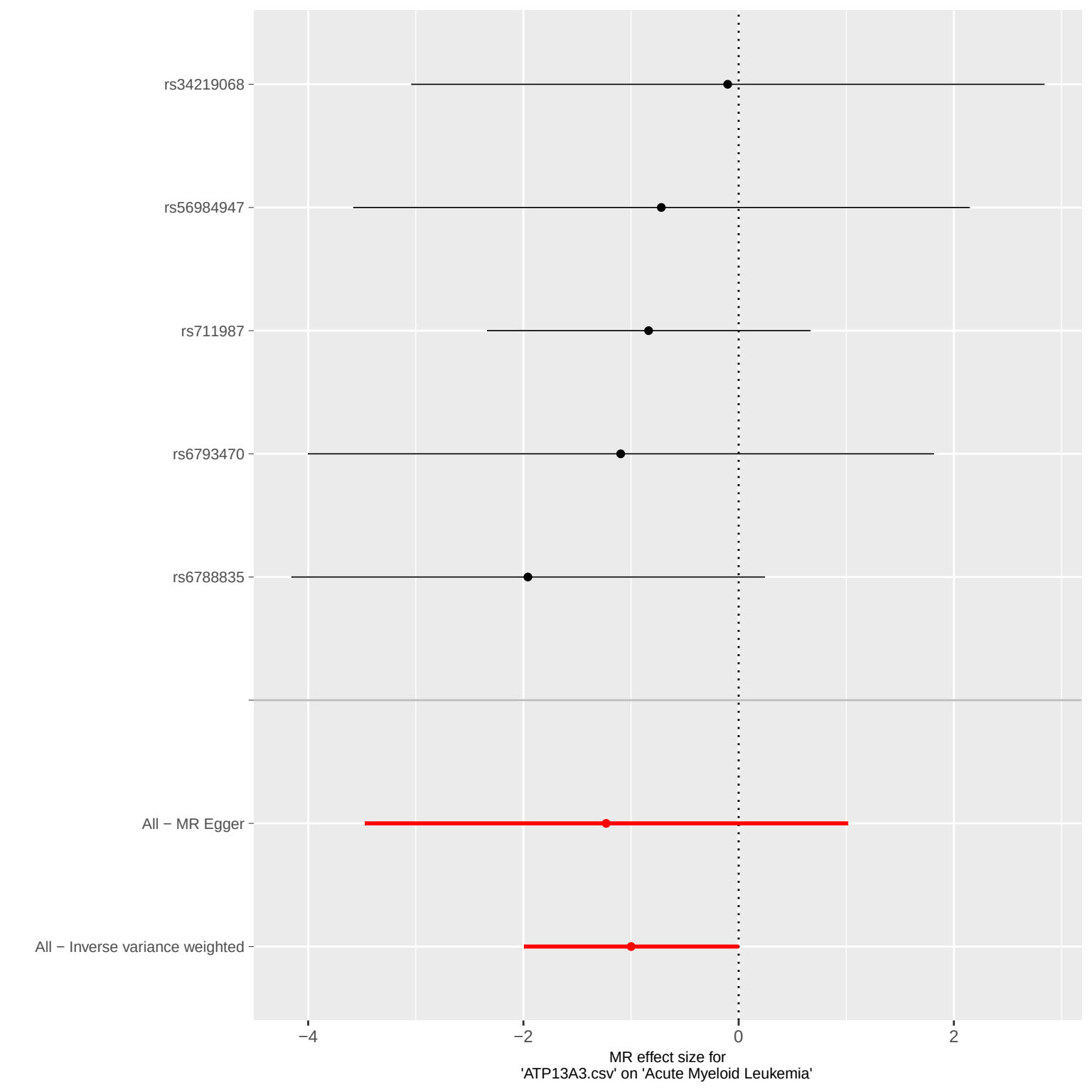
4
MR effect size for
'ATP10D.csv' on 'Acute Myeloid Leukemia'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rs6793470
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All − MR Egger
All − Inverse variance weighted
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−2
0
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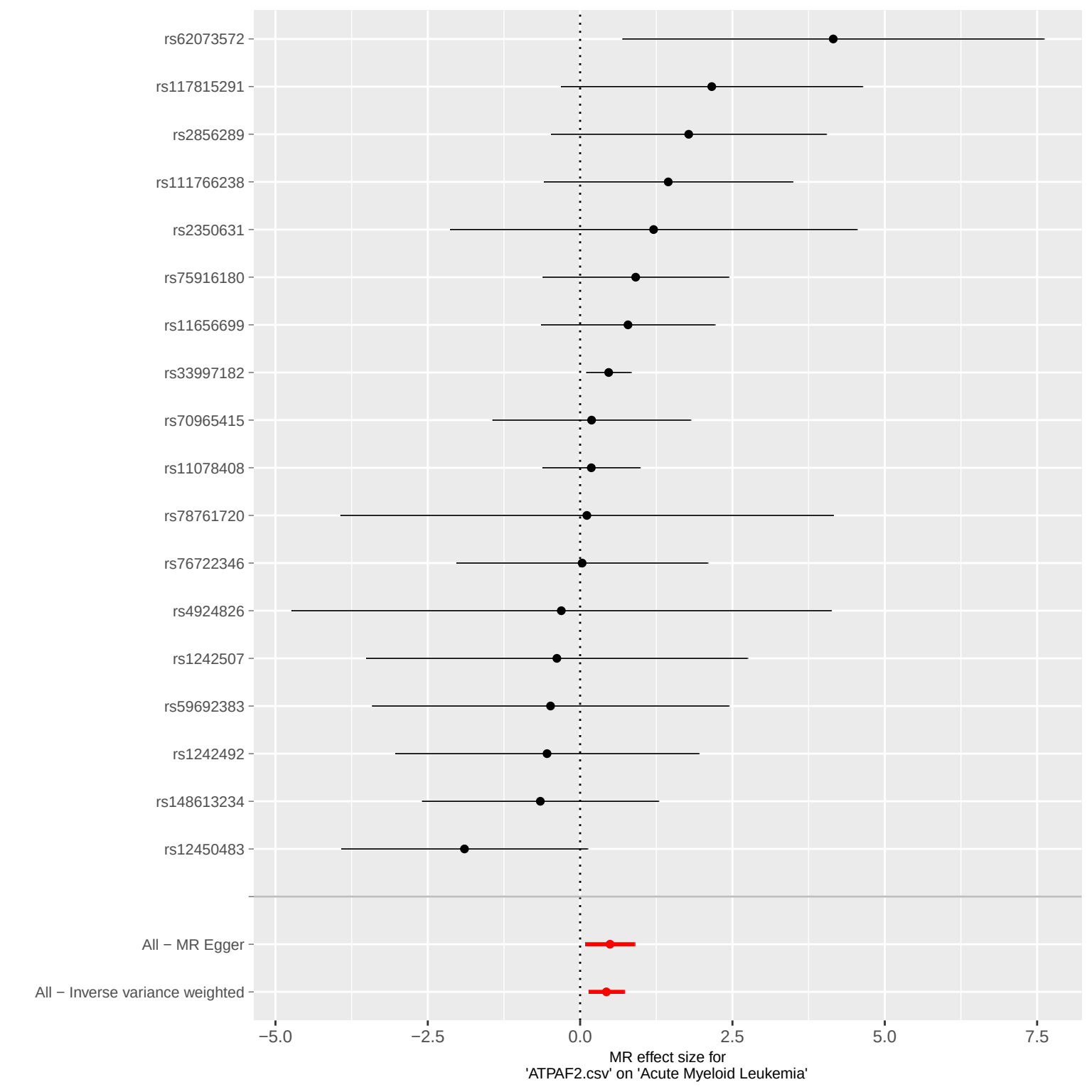
MR effect size for
'ATP13A3.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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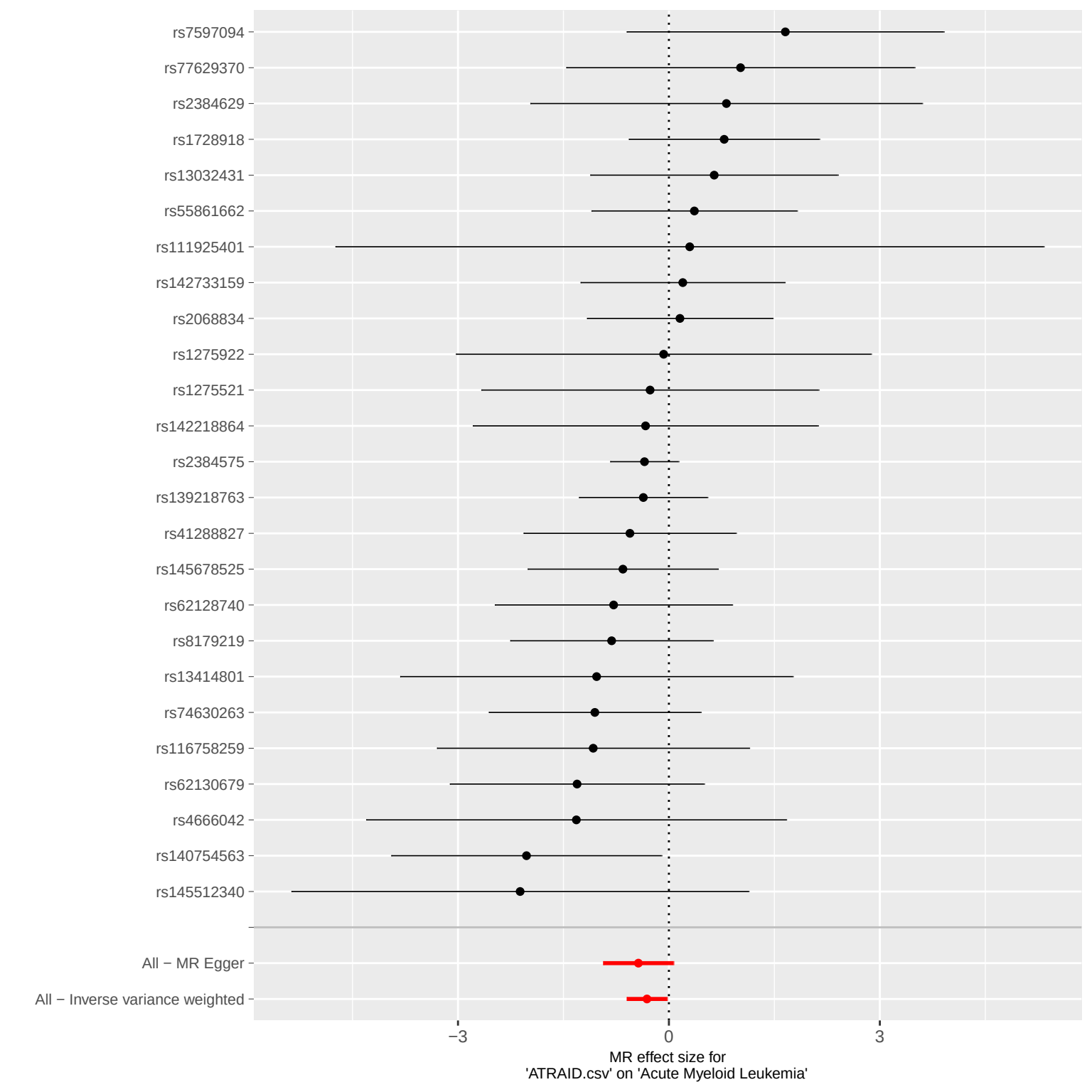
2.5
5.0
7.5
MR effect size for
'ATPAF2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−3
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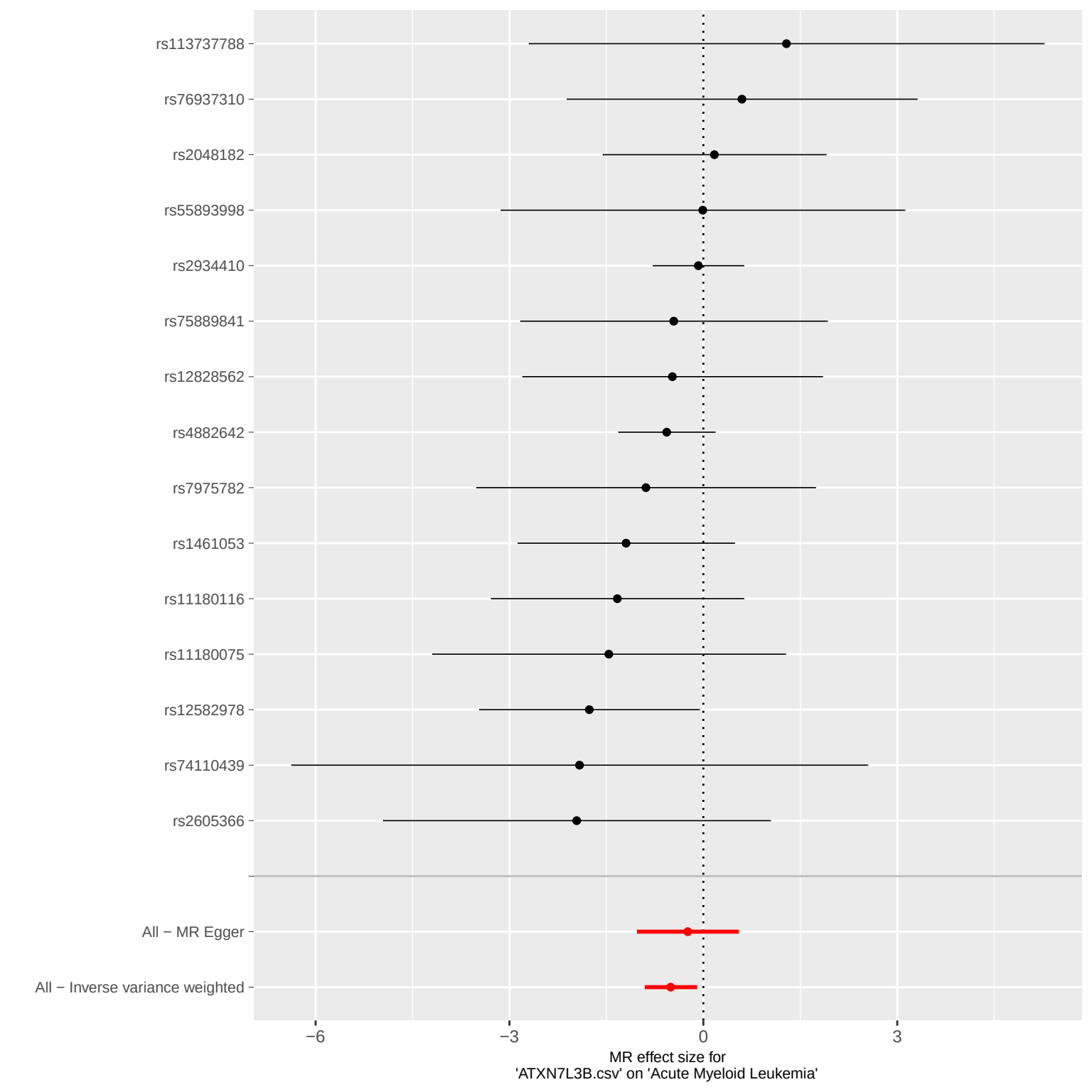
3
MR effect size for
'ATRAID.csv' on 'Acute Myeloid Leukemia'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rs74110439
rs2605366
All − MR Egger
All − Inverse variance weighted
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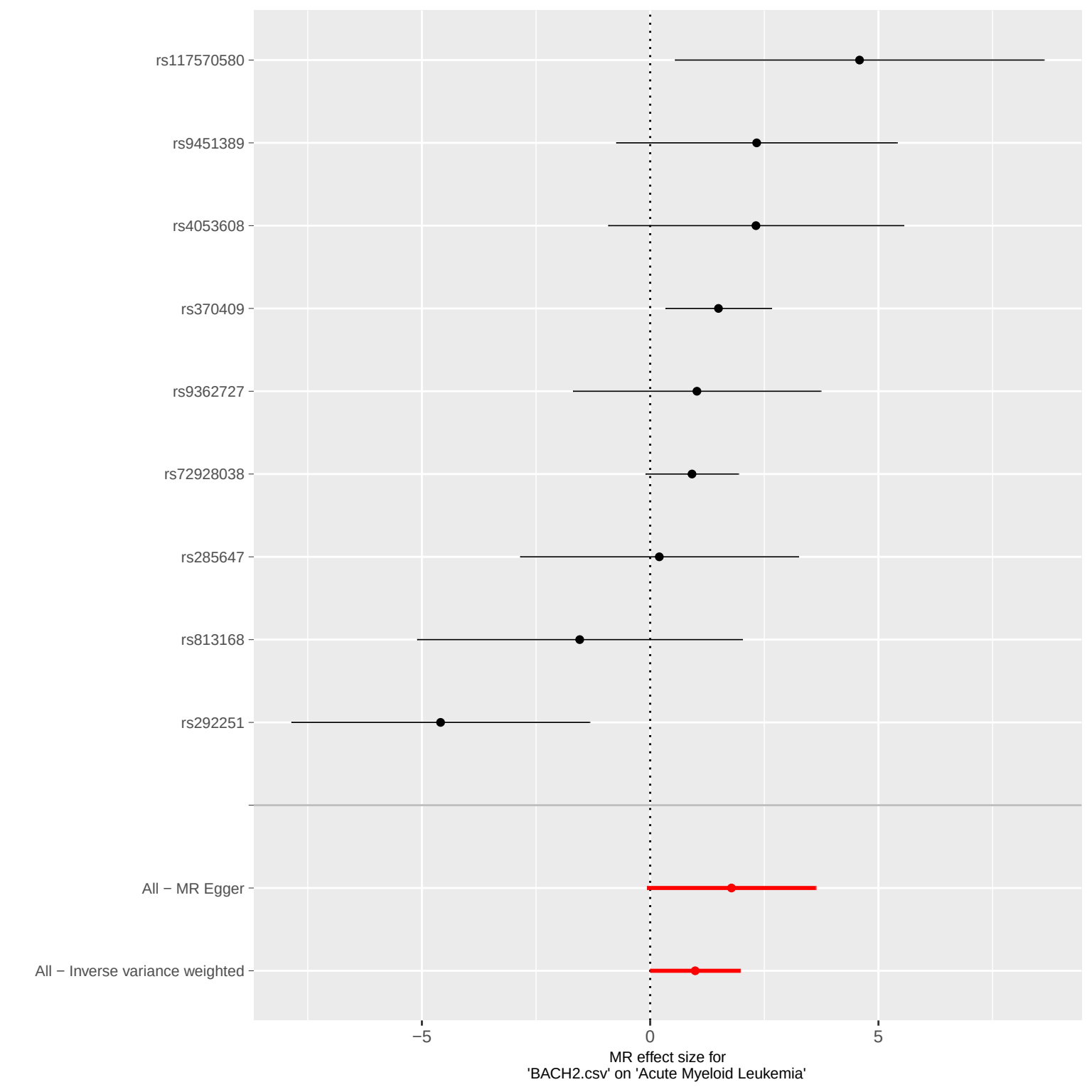
−3
0
3
MR effect size for
'ATXN7L3B.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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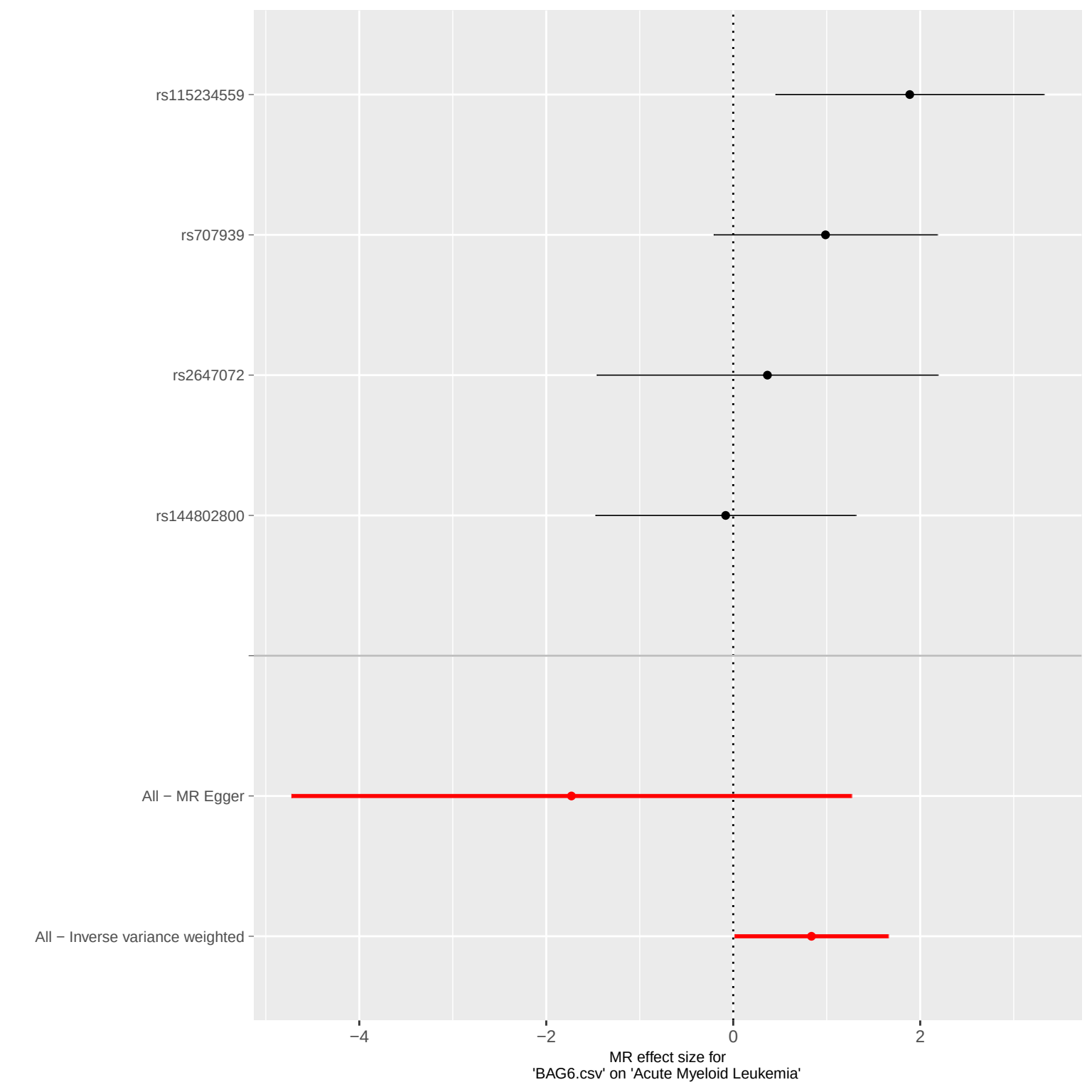
0
5
MR effect size for
'BACH2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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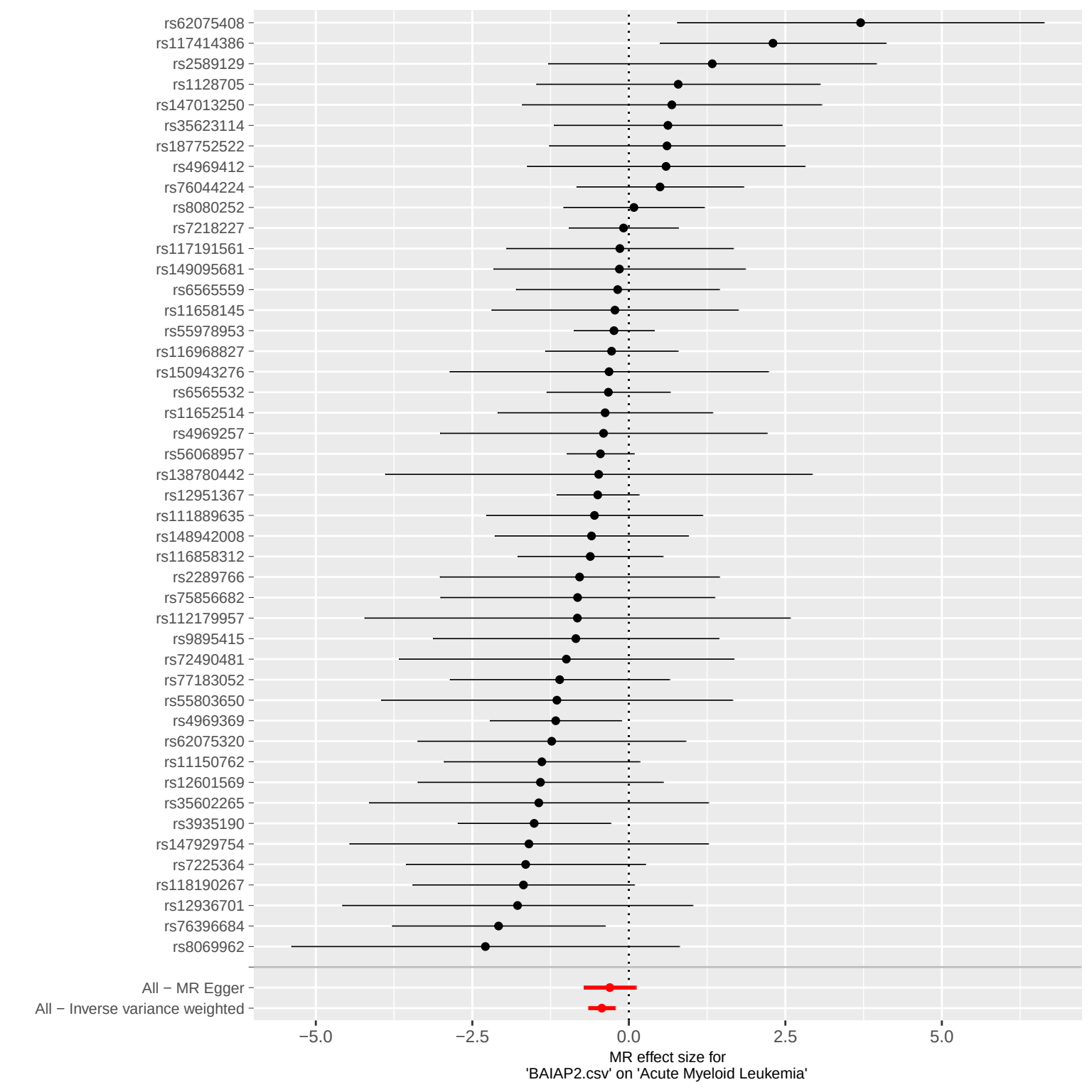
MR effect size for
'BAG6.csv' on 'Acute Myeloid Leukemia'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rs12936701
rs76396684
rs8069962
All − MR Egger
All − Inverse variance weighted
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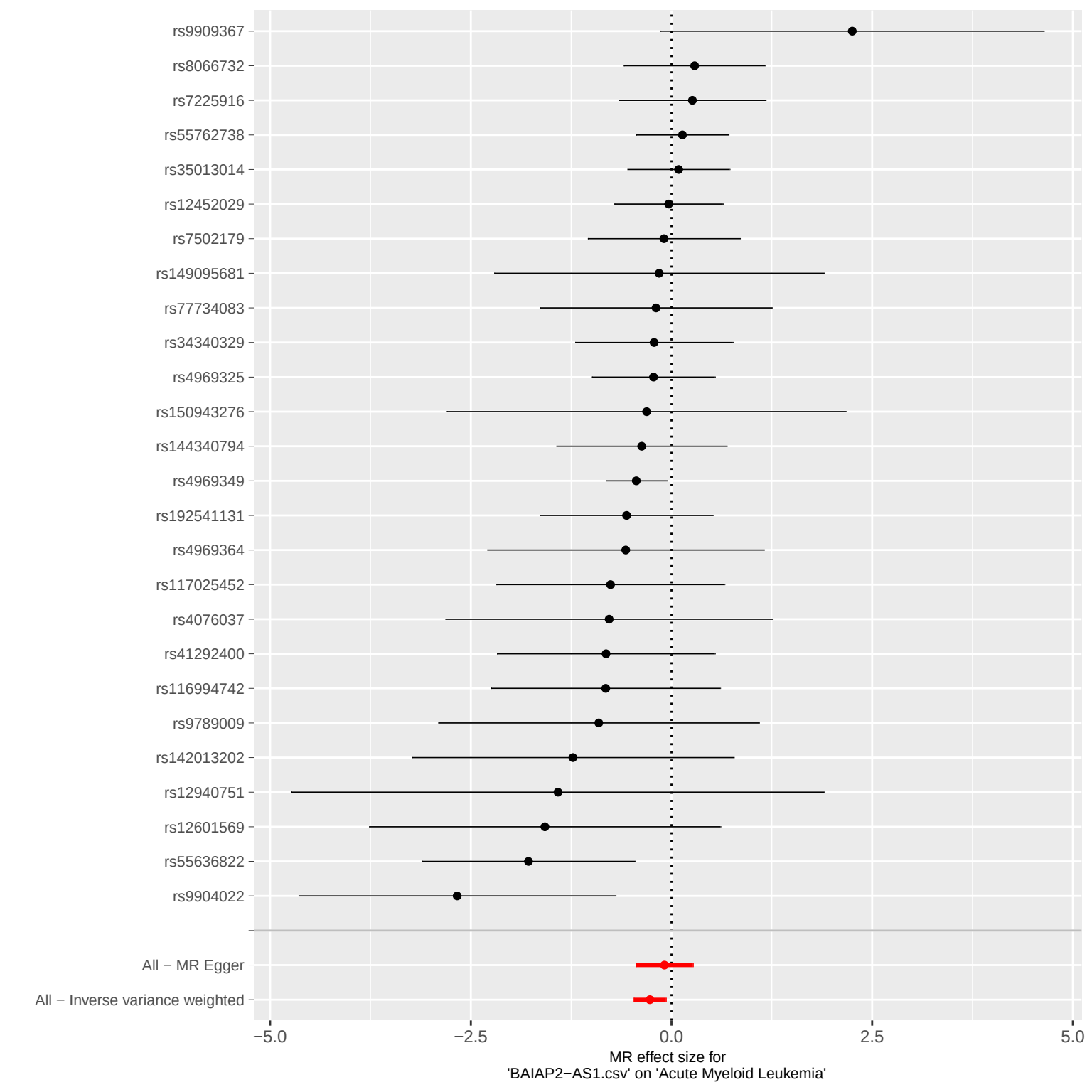
−2.5
0.0
2.5
5.0
MR effect size for
'BAIAP2.csv' on 'Acute Myeloid Leukemia'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rs12601569
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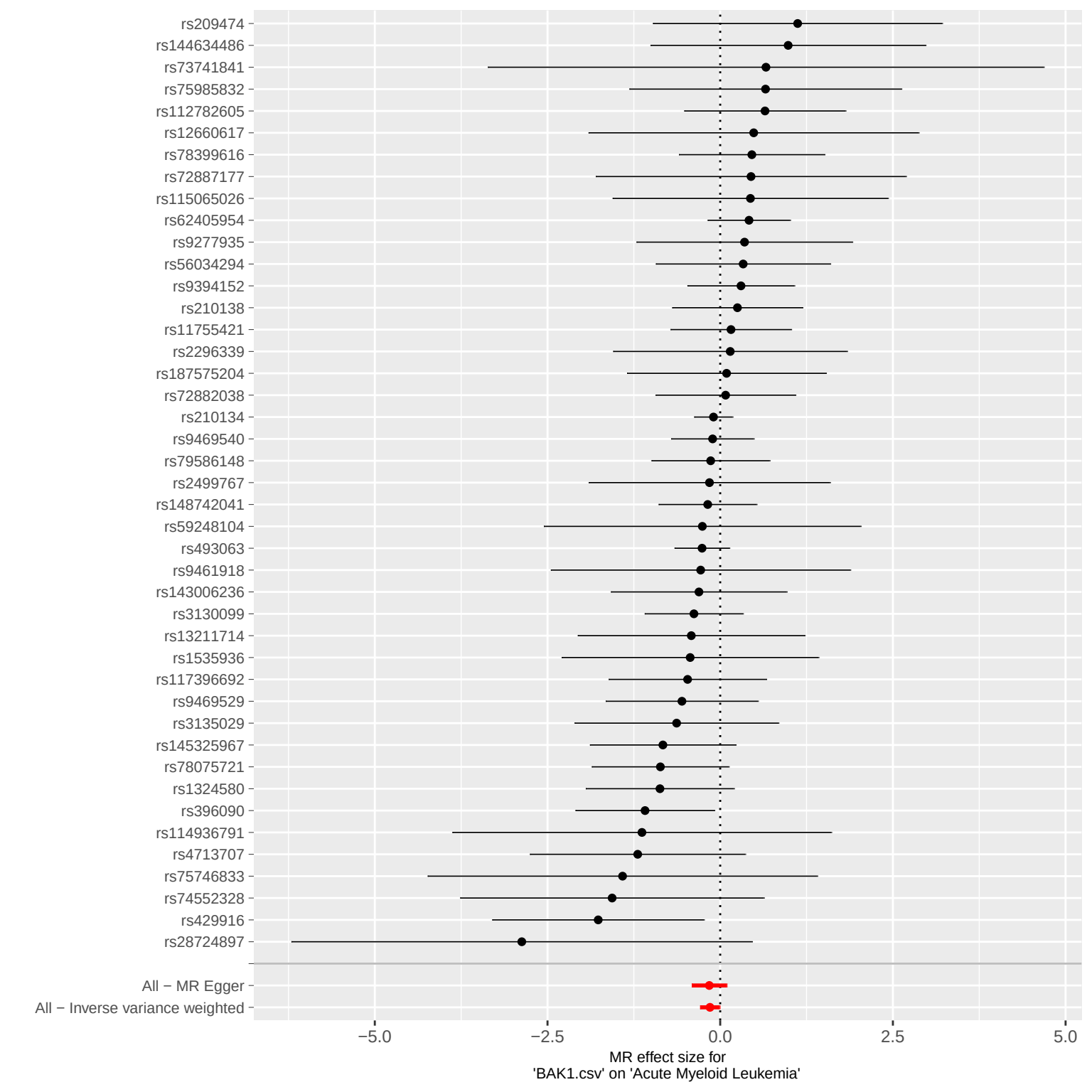
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'BAIAP2−AS1.csv' on 'Acute Myeloid Leukemia'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rs13211714
rs1535936
rs117396692
rs9469529
rs3135029
rs145325967
rs78075721
rs1324580
rs396090
rs114936791
rs4713707
rs75746833
rs74552328
rs429916
rs28724897
All − MR Egger
All − Inverse variance weighted
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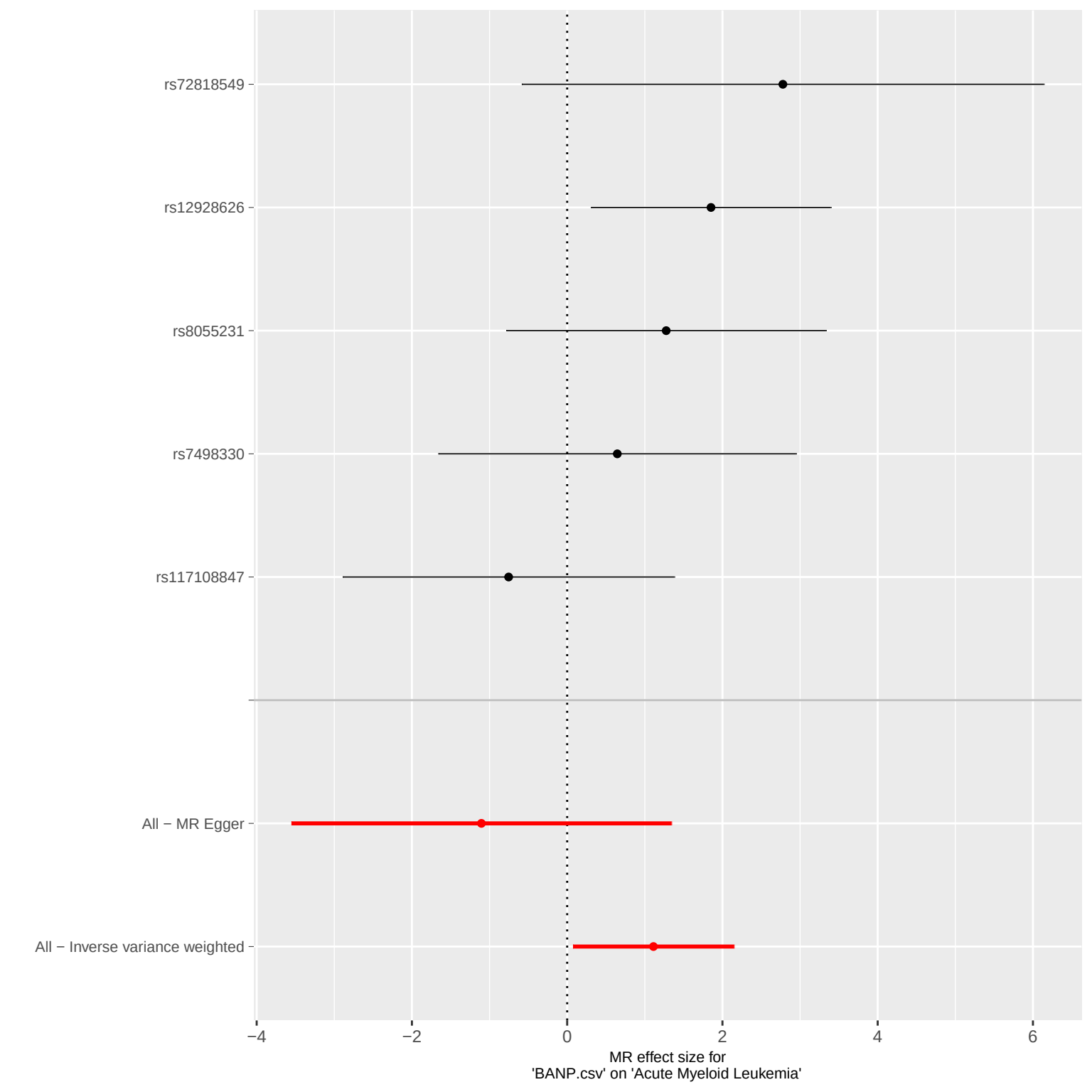
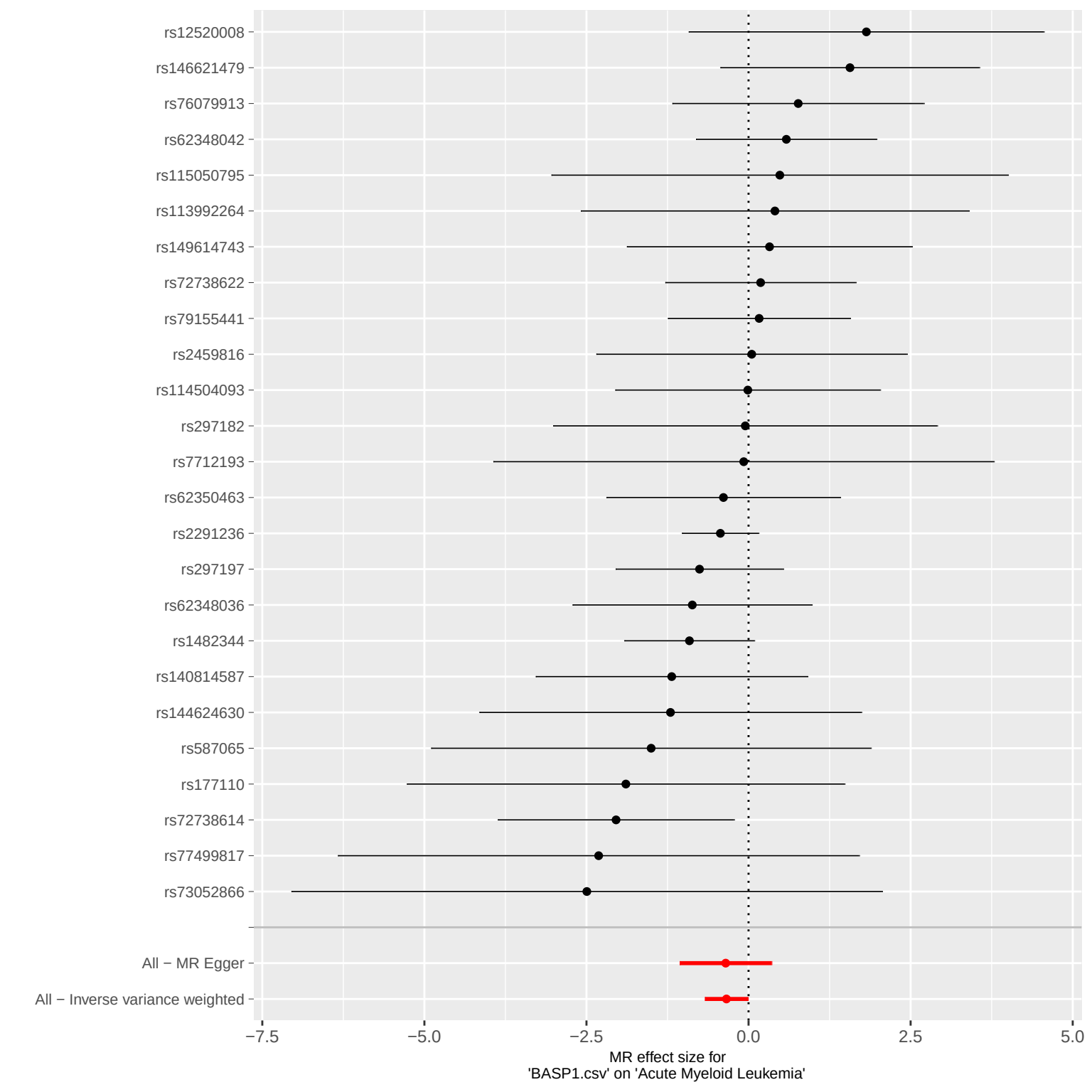
−2.5
0.0
2.5
5.0
MR effect size for
'BAK1.csv' on 'Acute Myeloid Leukemia'


rs72818549
rs12928626
rs8055231
rs7498330
rs117108847
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'BANP.csv' on 'Acute Myeloid Leukemia'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rs297182
rs7712193
rs62350463
rs2291236
rs297197
rs62348036
rs1482344
rs140814587
rs144624630
rs587065
rs177110
rs72738614
rs77499817
rs73052866
All − MR Egger
All − Inverse variance weighted
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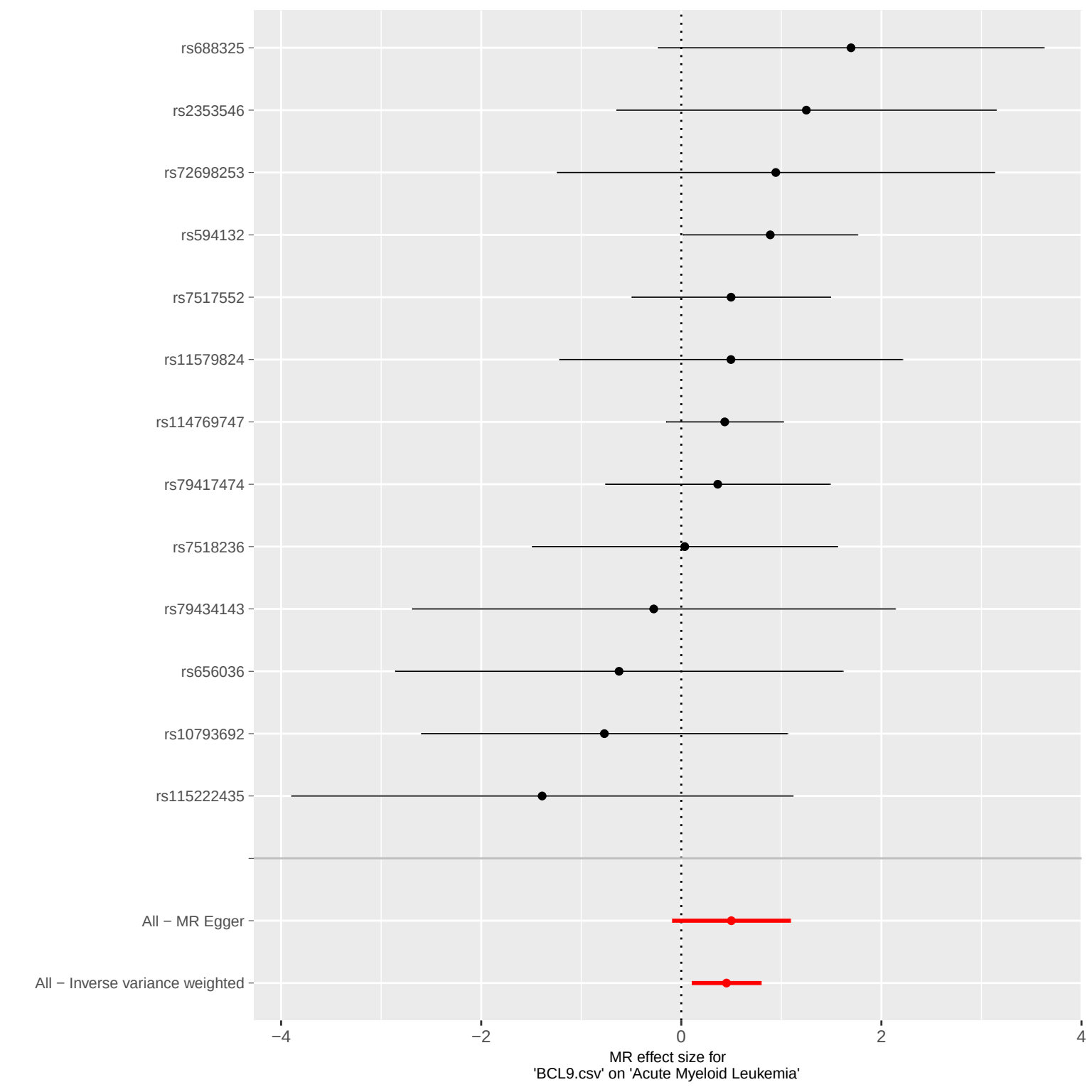
−2.5
0.0
2.5
5.0
MR effect size for
'BASP1.csv' on 'Acute Myeloid Leukemia'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rs11579824
rs114769747
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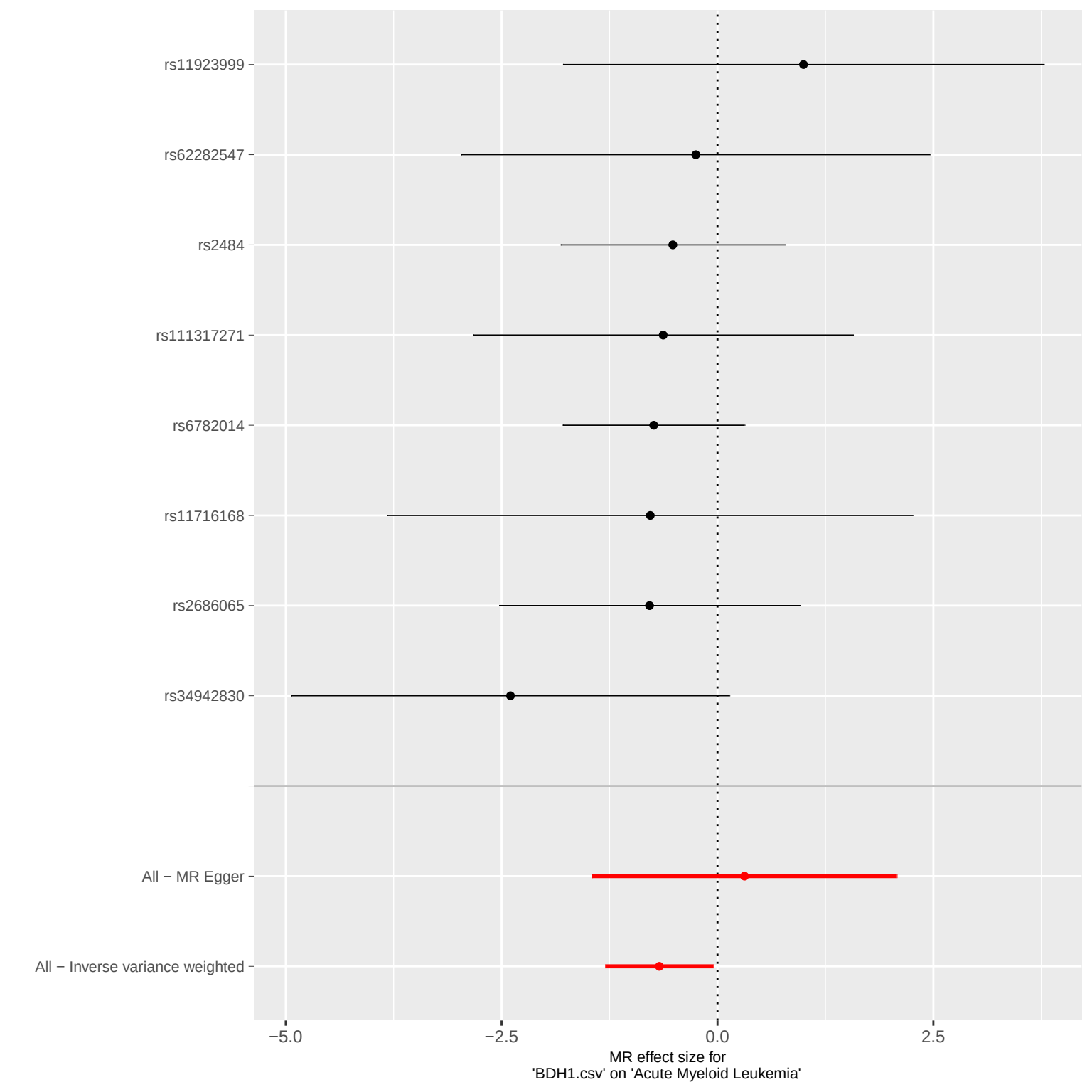
rs656036
rs10793692
rs115222435
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'BCL9.csv' on 'Acute Myeloid Leukemia'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rs62282547
rs2484
rs111317271
rs6782014
rs11716168
rs2686065
rs34942830
All − MR Egger
All − Inverse variance weighted
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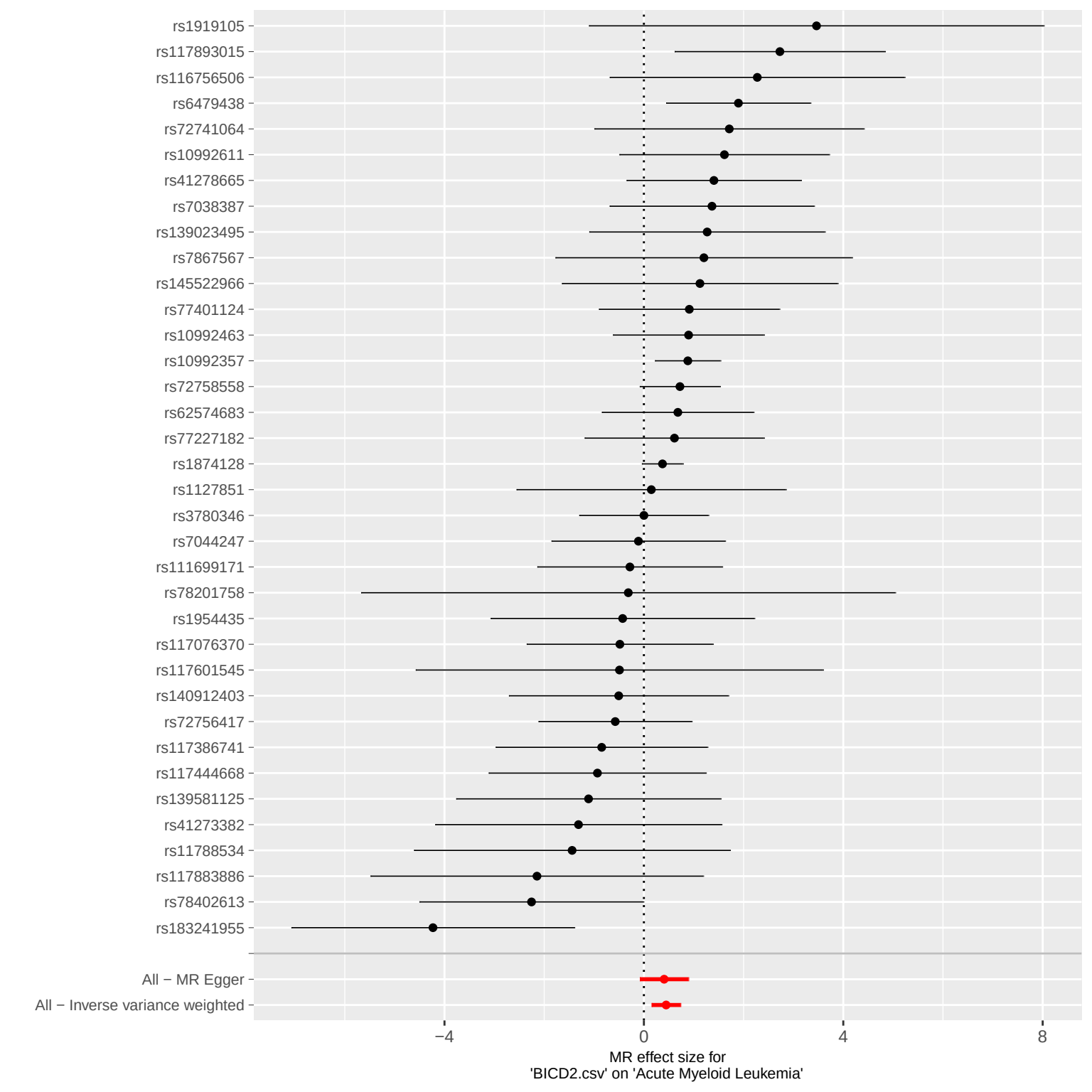
−2.5
0.0
2.5
MR effect size for
'BDH1.csv' on 'Acute Myeloid Leukemia'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rs78201758
rs1954435
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rs117444668
rs139581125
rs41273382
rs11788534
rs117883886
rs78402613
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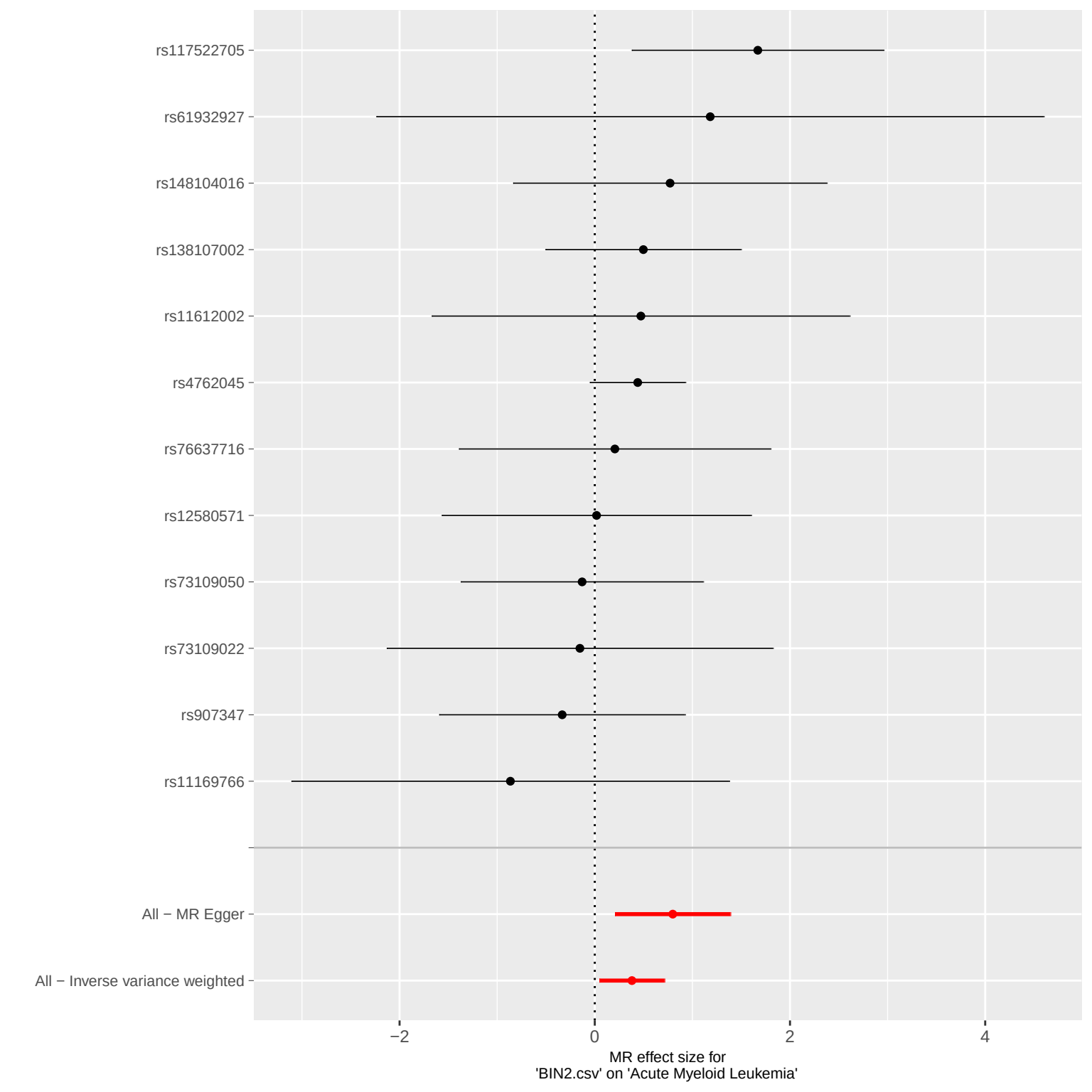
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'BICD2.csv' on 'Acute Myeloid Leukemia'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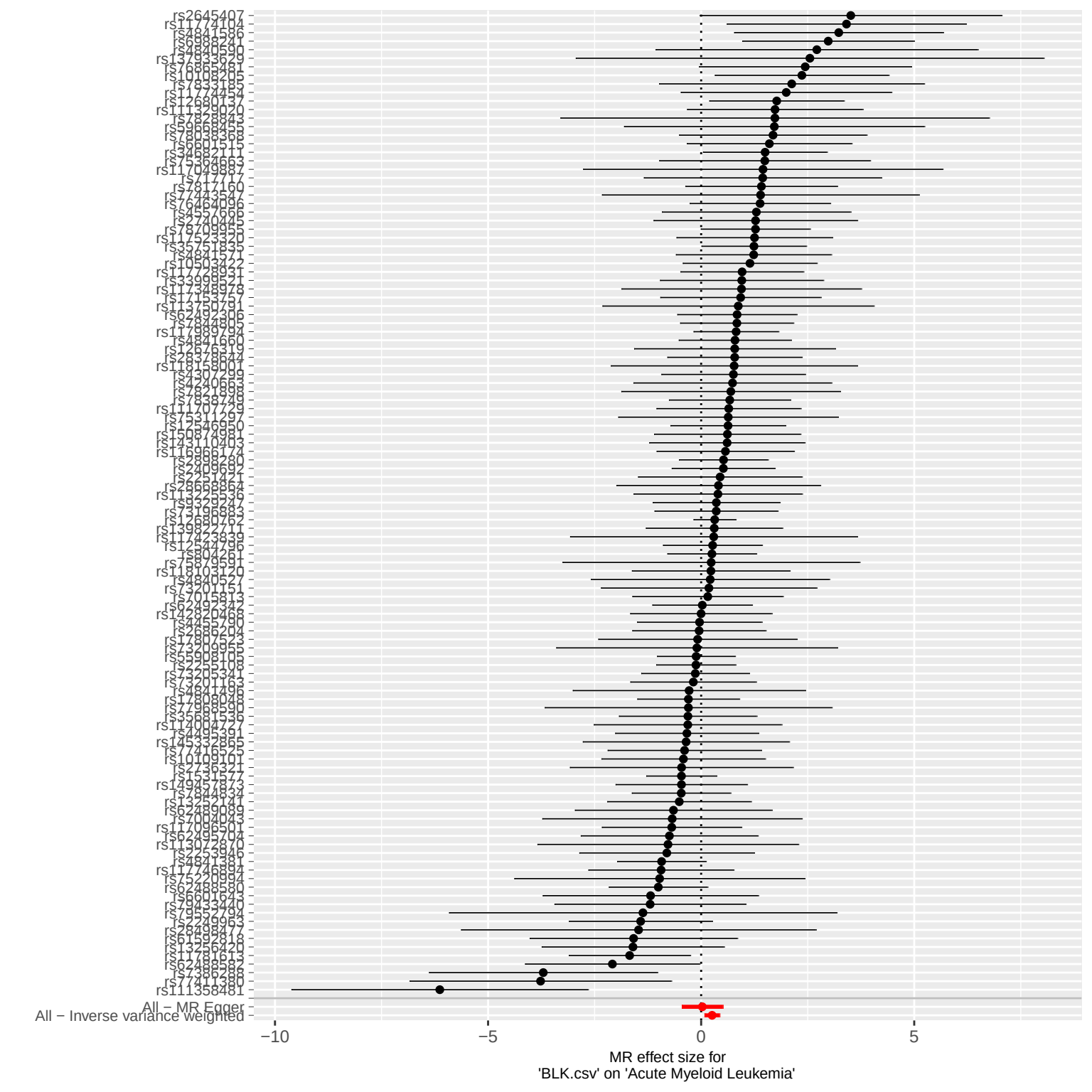
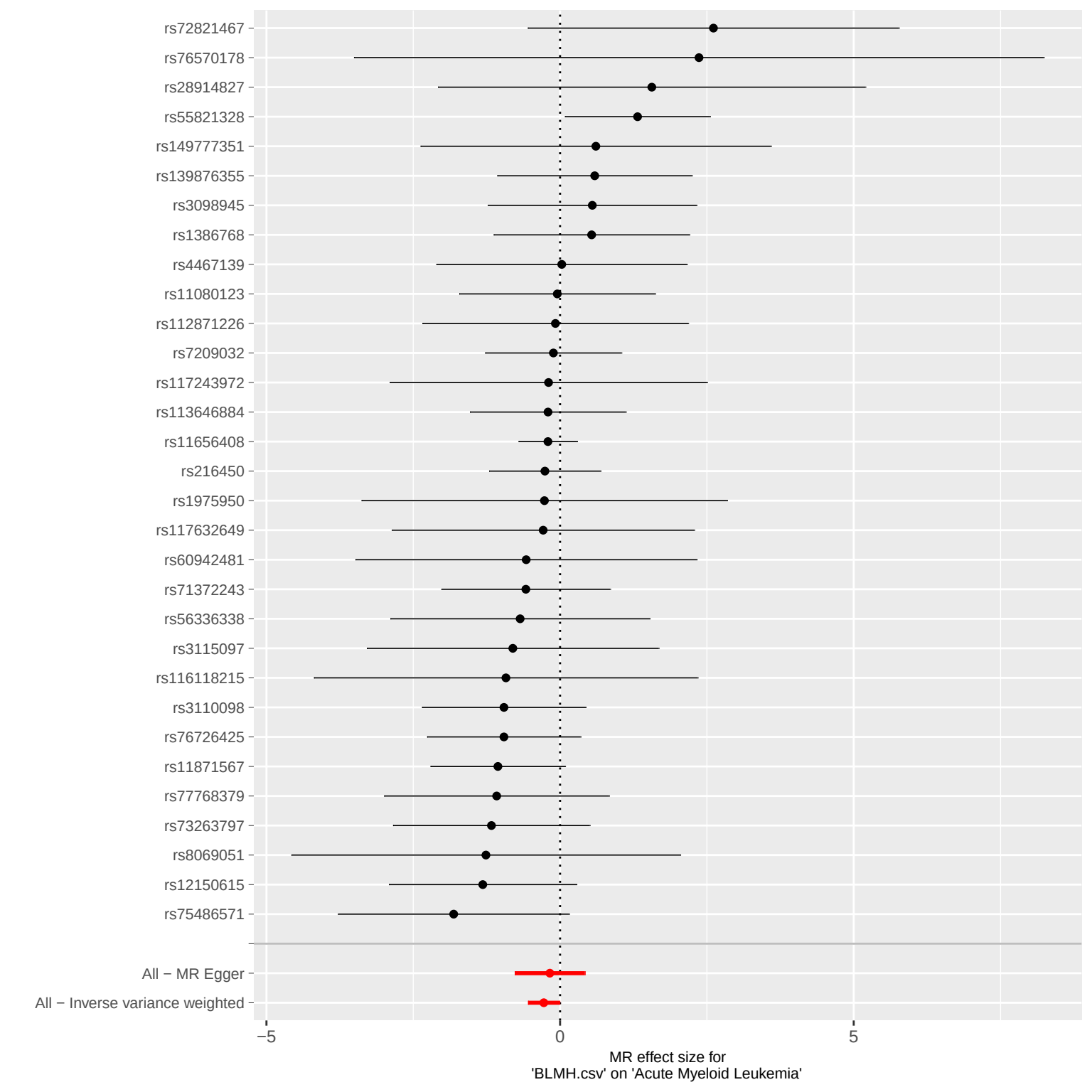
rs138107002
rs11612002
rs4762045
rs76637716
rs12580571
rs73109050
rs73109022
rs907347
rs11169766
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'BIN2.csv' on 'Acute Myeloid Leukemia'


All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'BLK.csv' on 'Acute Myeloid Leukemia'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rs7209032
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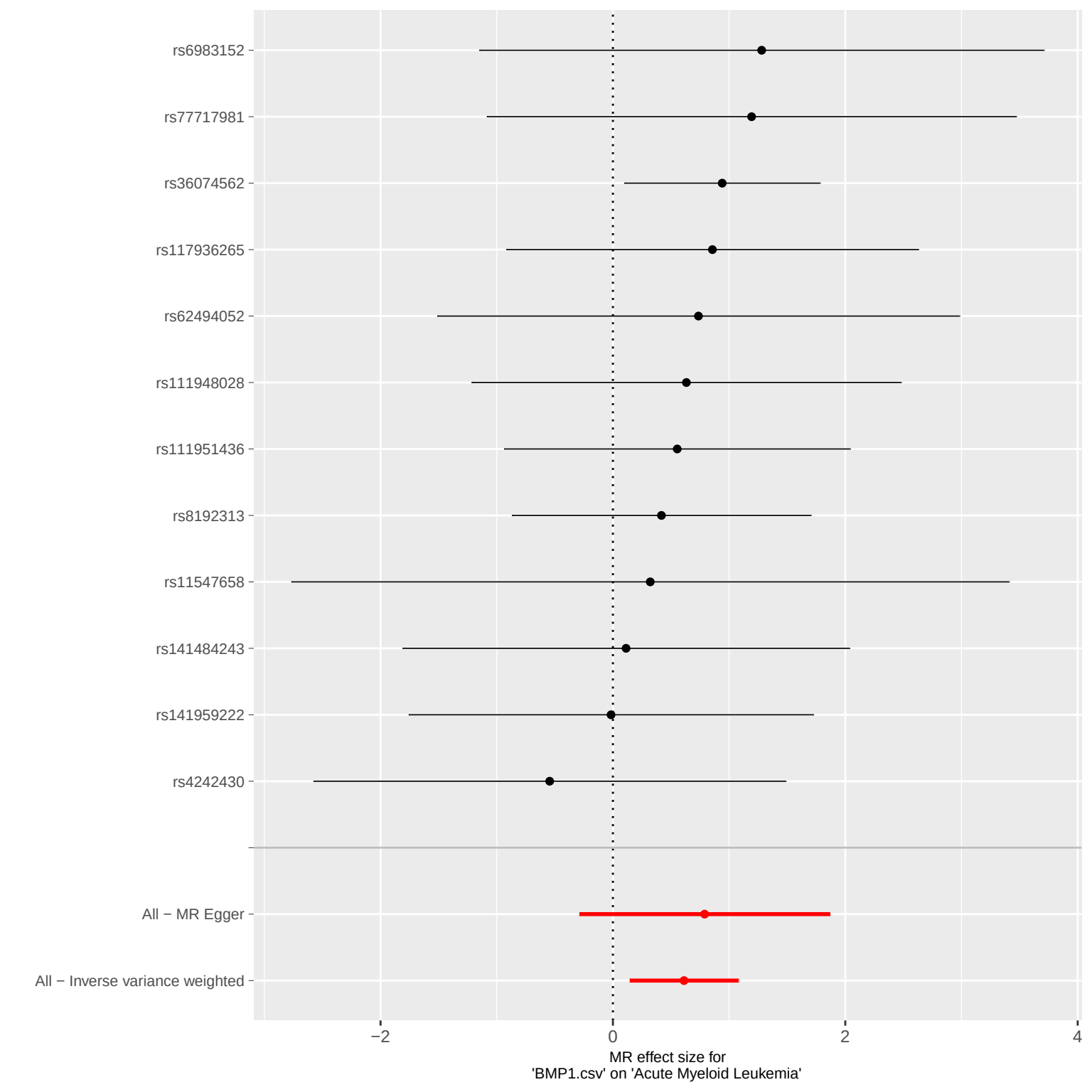
rs3115097
rs116118215
rs3110098
rs76726425
rs11871567
rs77768379
rs73263797
rs8069051
rs12150615
rs75486571
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'BLMH.csv' on 'Acute Myeloid Leukemia'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rs141484243
rs141959222
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All − MR Egger
All − Inverse variance weighted
−2
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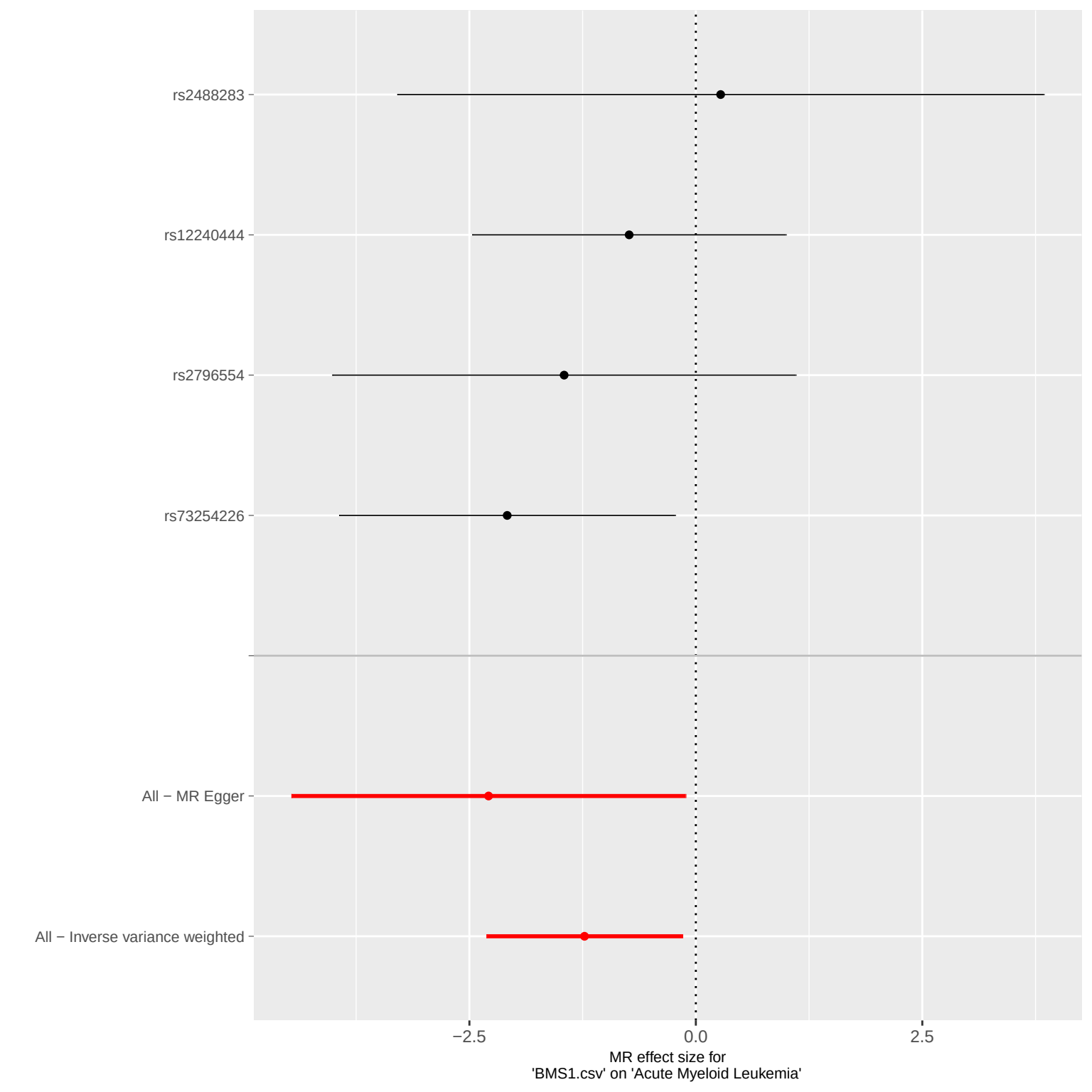
2
4
MR effect size for
'BMP1.csv' on 'Acute Myeloid Leukemia'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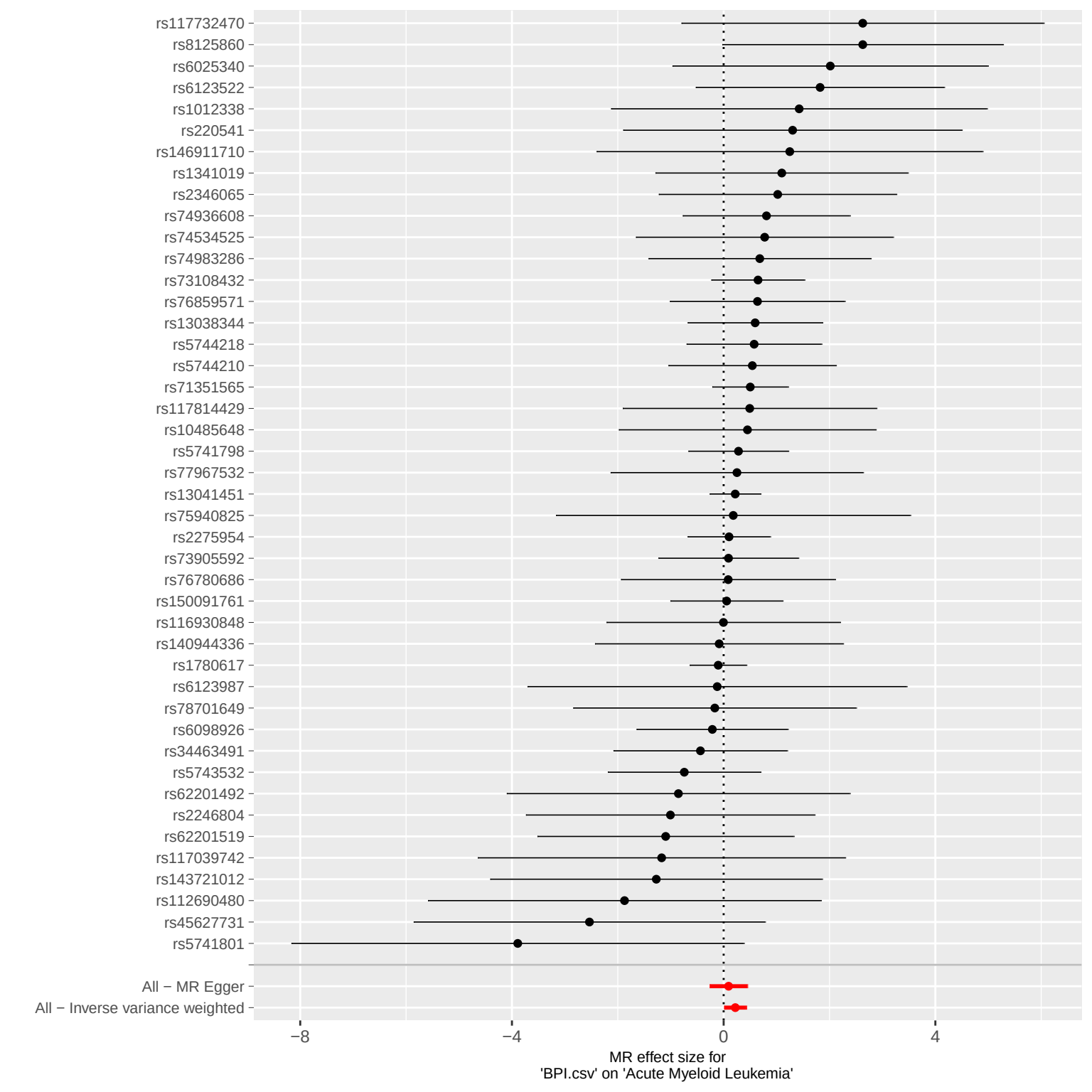
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'BMS1.csv' on 'Acute Myeloid Leukemia'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rs5744210
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rs62201519
rs117039742
rs143721012
rs112690480
rs45627731
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All − MR Egger
All − Inverse variance weighted
−8
−4
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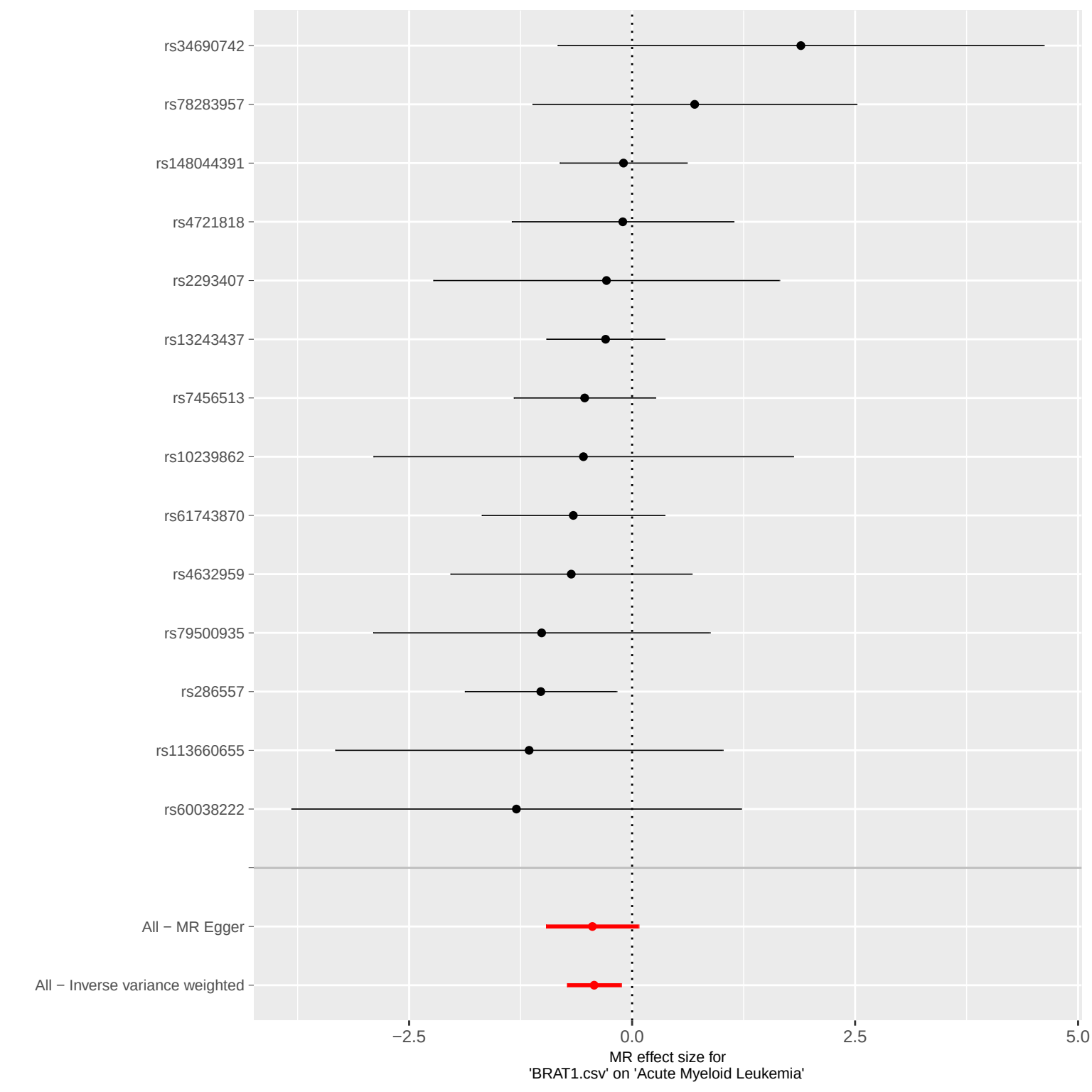
4
MR effect size for
'BPI.csv' on 'Acute Myeloid Leukemia'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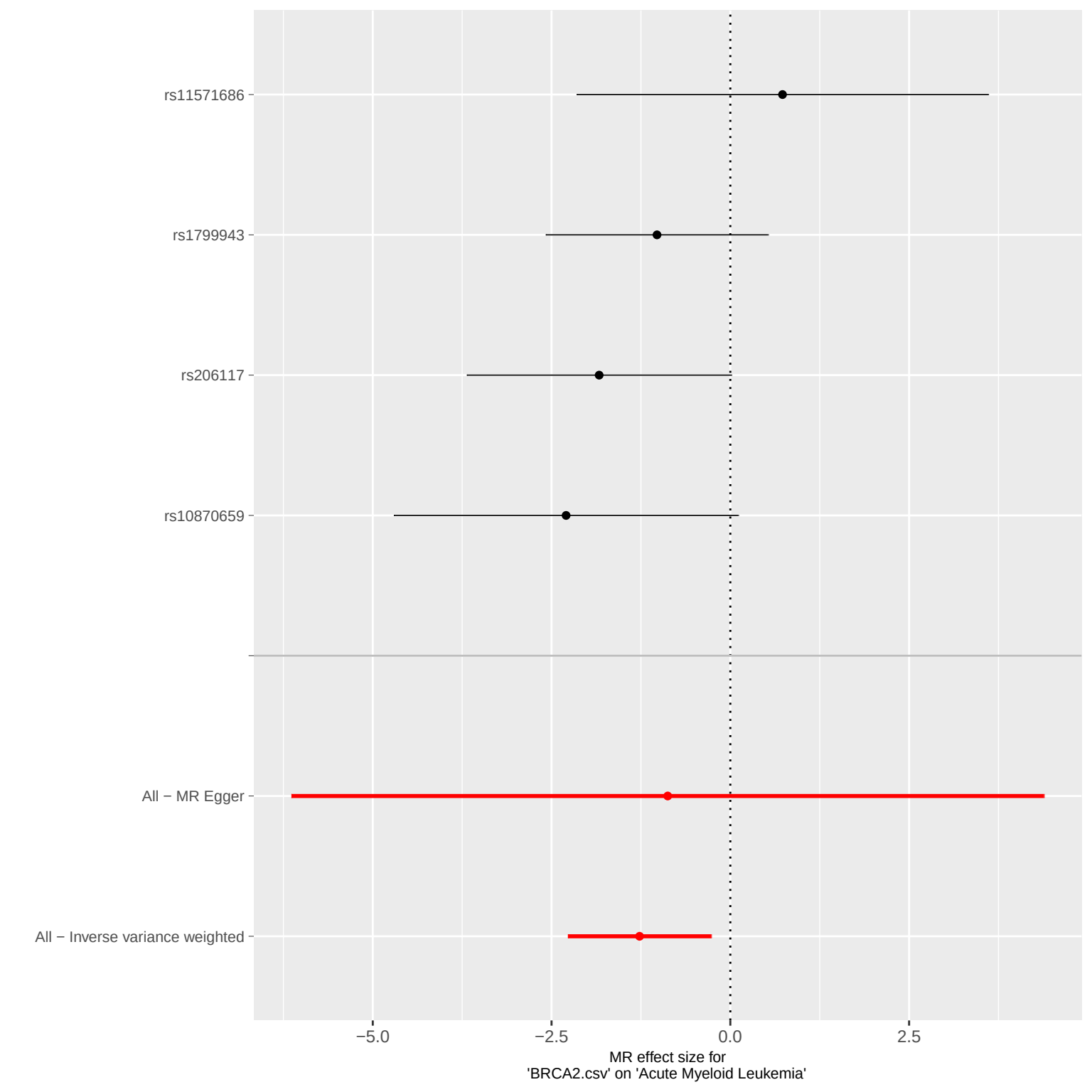
rs2293407
rs13243437
rs7456513
rs10239862
rs61743870
rs4632959
rs79500935
rs286557
rs113660655
rs60038222
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'BRAT1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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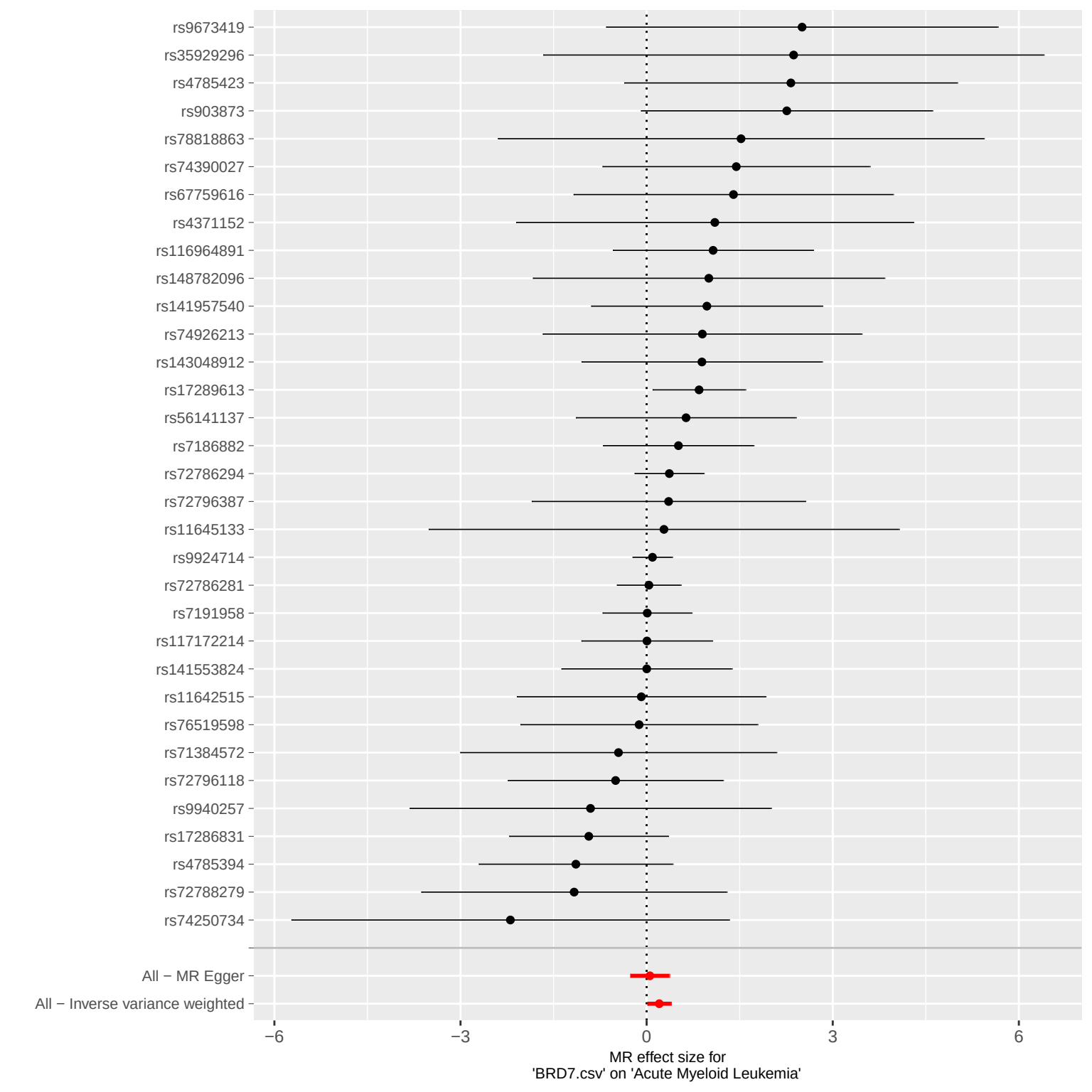
−2.5
0.0
2.5
MR effect size for
'BRCA2.csv' on 'Acute Myeloid Leukemia'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rs11642515
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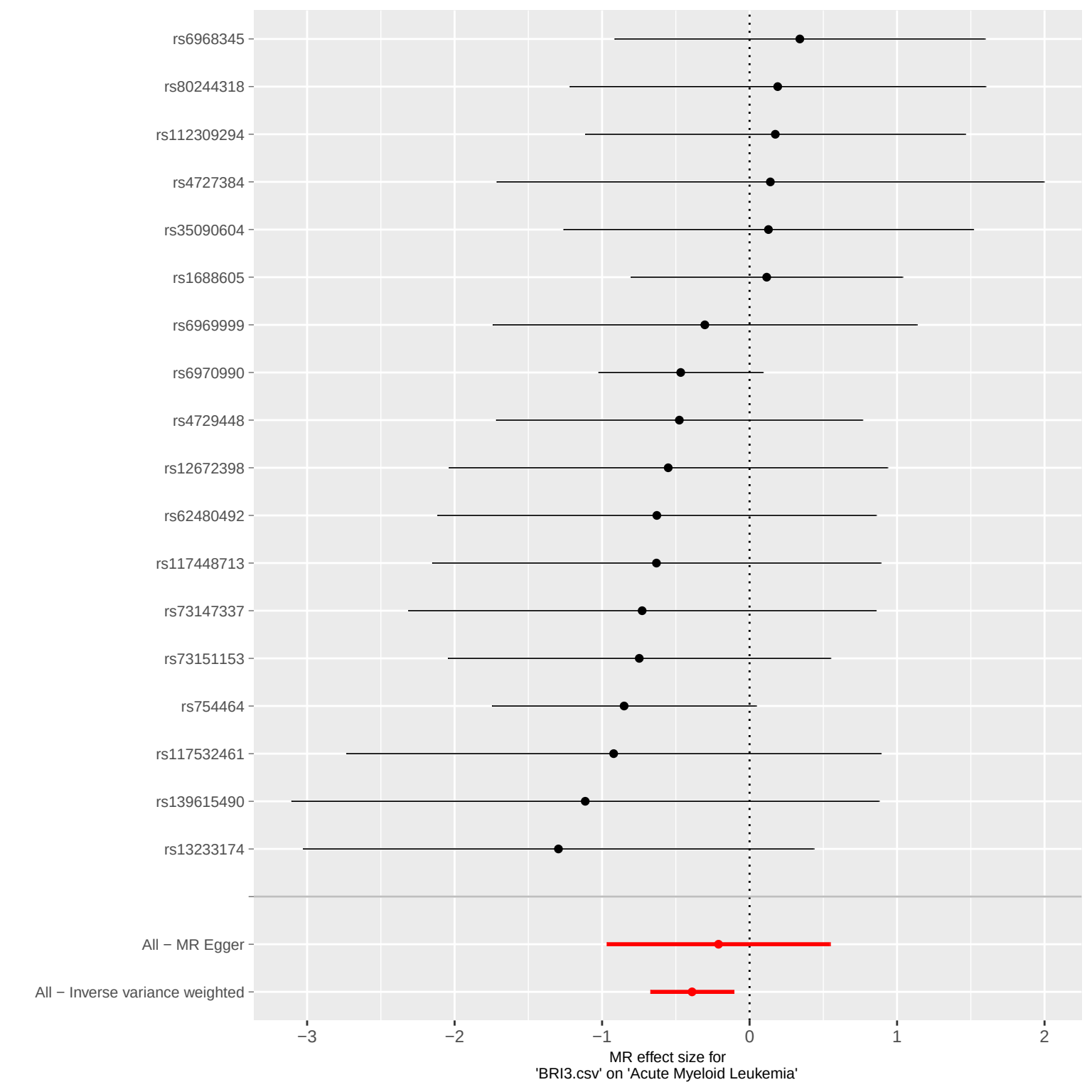
rs71384572
rs72796118
rs9940257
rs17286831
rs4785394
rs72788279
rs74250734
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'BRD7.csv' on 'Acute Myeloid Leukemia'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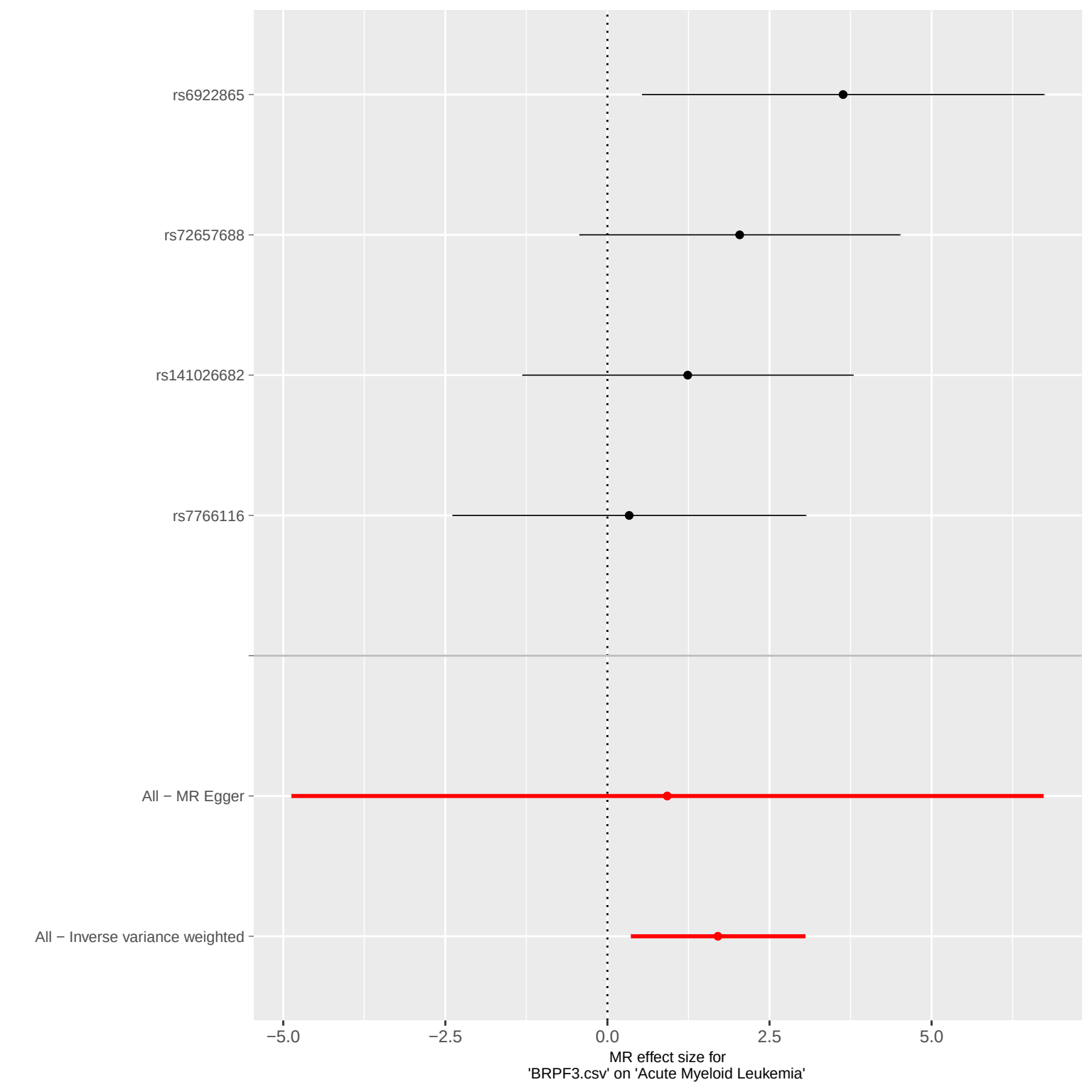
rs4729448
rs12672398
rs62480492
rs117448713
rs73147337
rs73151153
rs754464
rs117532461
rs139615490
rs13233174
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'BRI3.csv' on 'Acute Myeloid Leukemia'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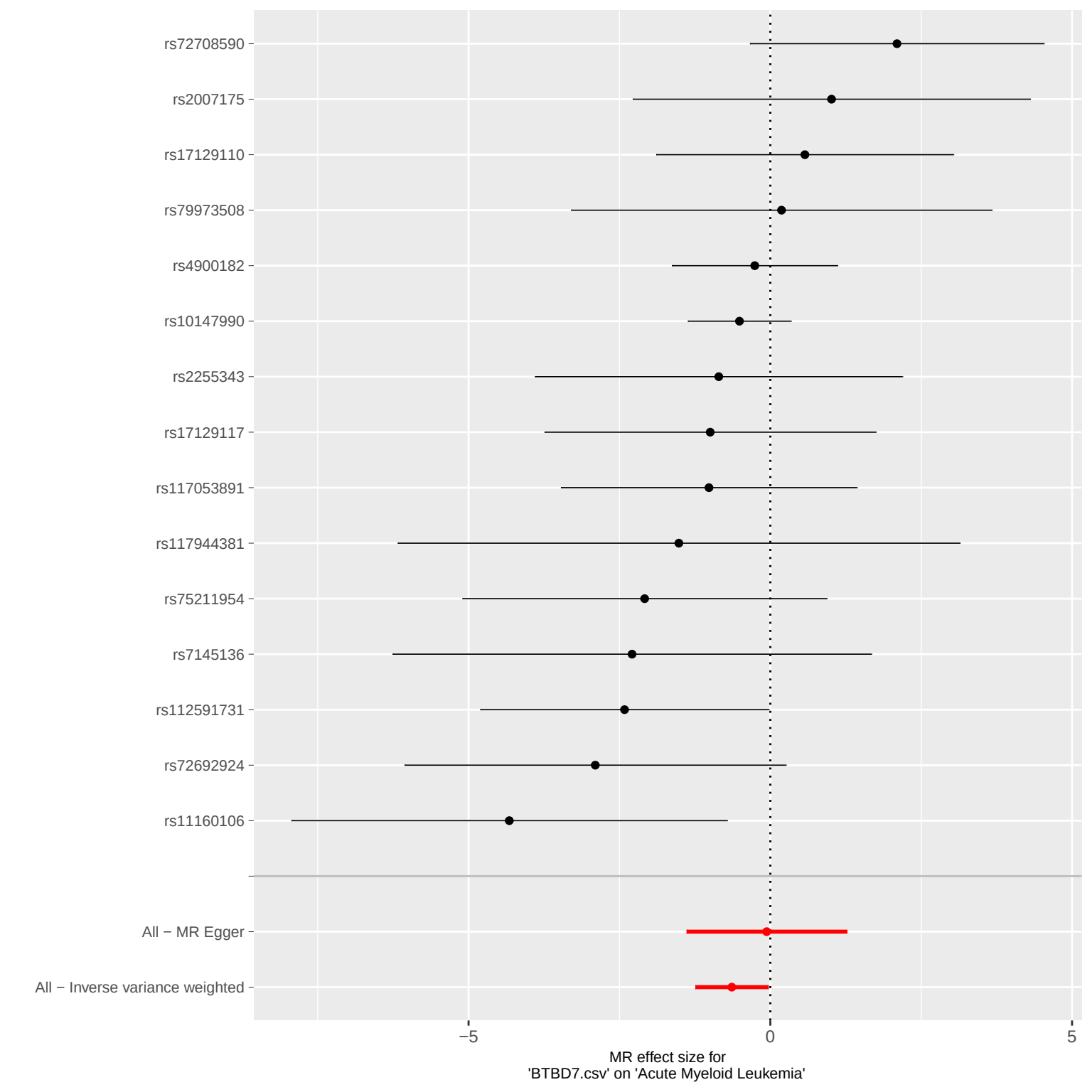
rs72657688
rs141026682
rs7766116
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'BRPF3.csv' on 'Acute Myeloid Leukemia'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rs10147990
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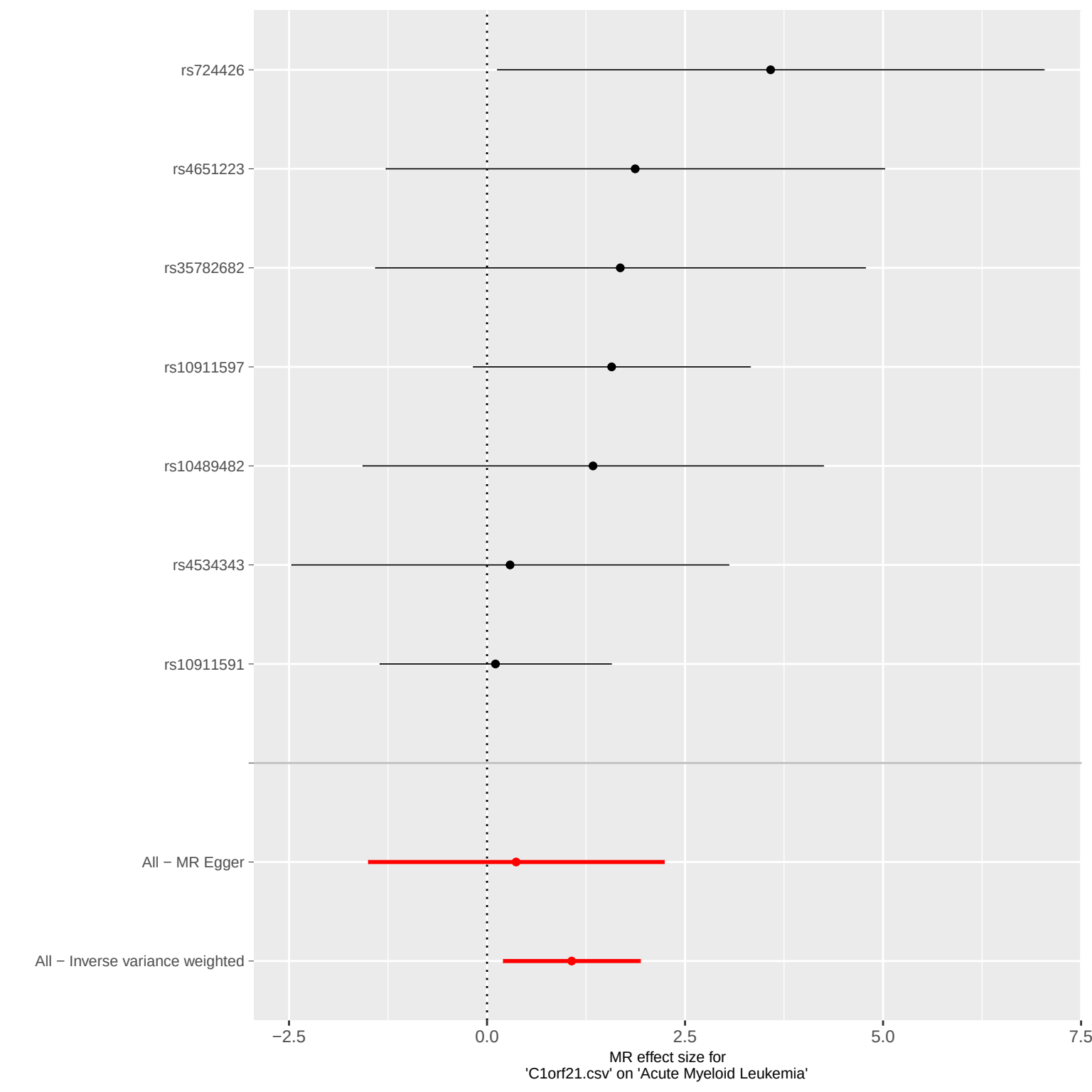
rs117944381
rs75211954
rs7145136
rs112591731
rs72692924
rs11160106
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'BTBD7.csv' on 'Acute Myeloid Leukemia'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rs4651223
rs35782682
rs10911597
rs10489482
rs4534343
rs10911591
All − MR Egger
All − Inverse variance weighted
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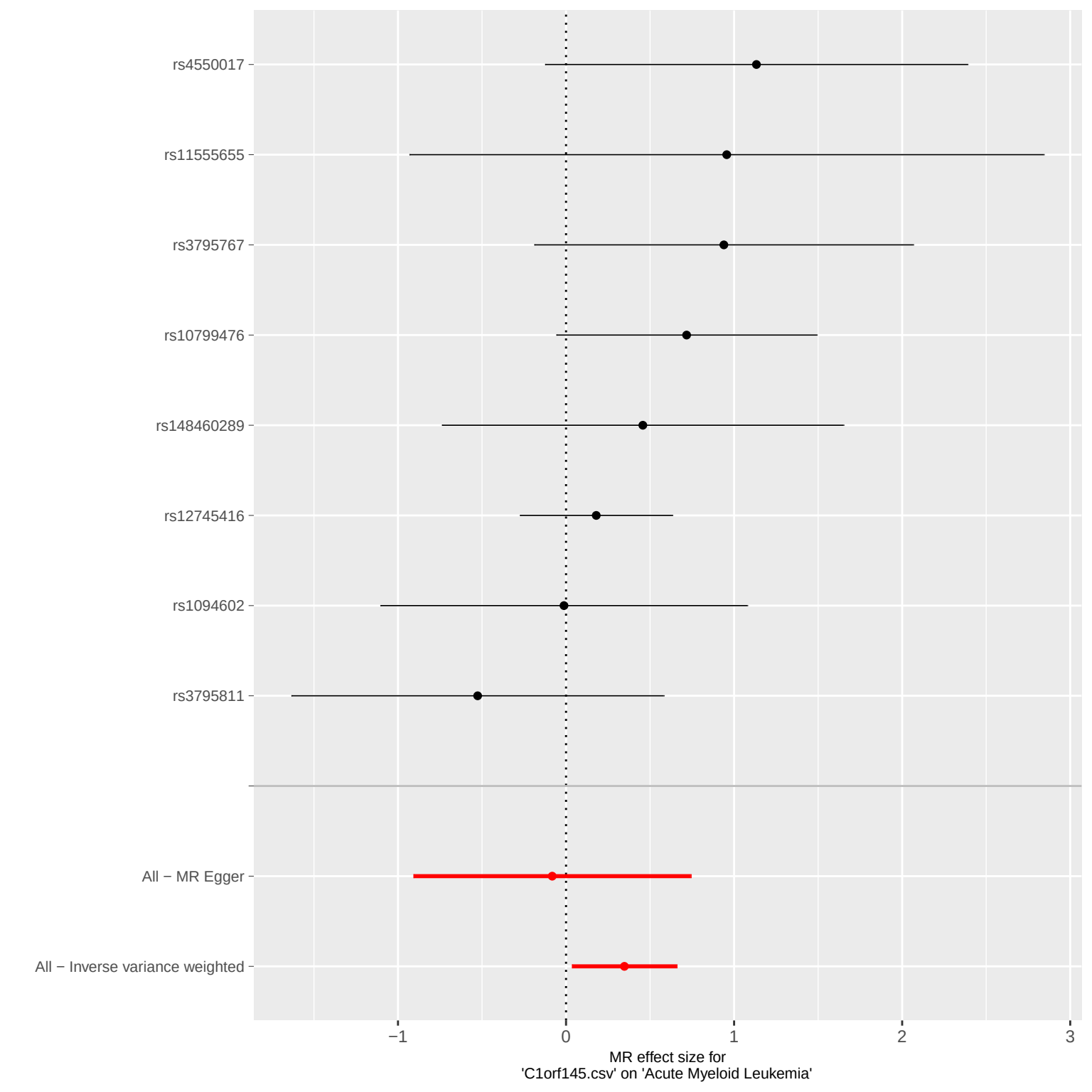
0.0
2.5
5.0
7.5
MR effect size for
'C1orf21.csv' on 'Acute Myeloid Leukemia'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rs11555655
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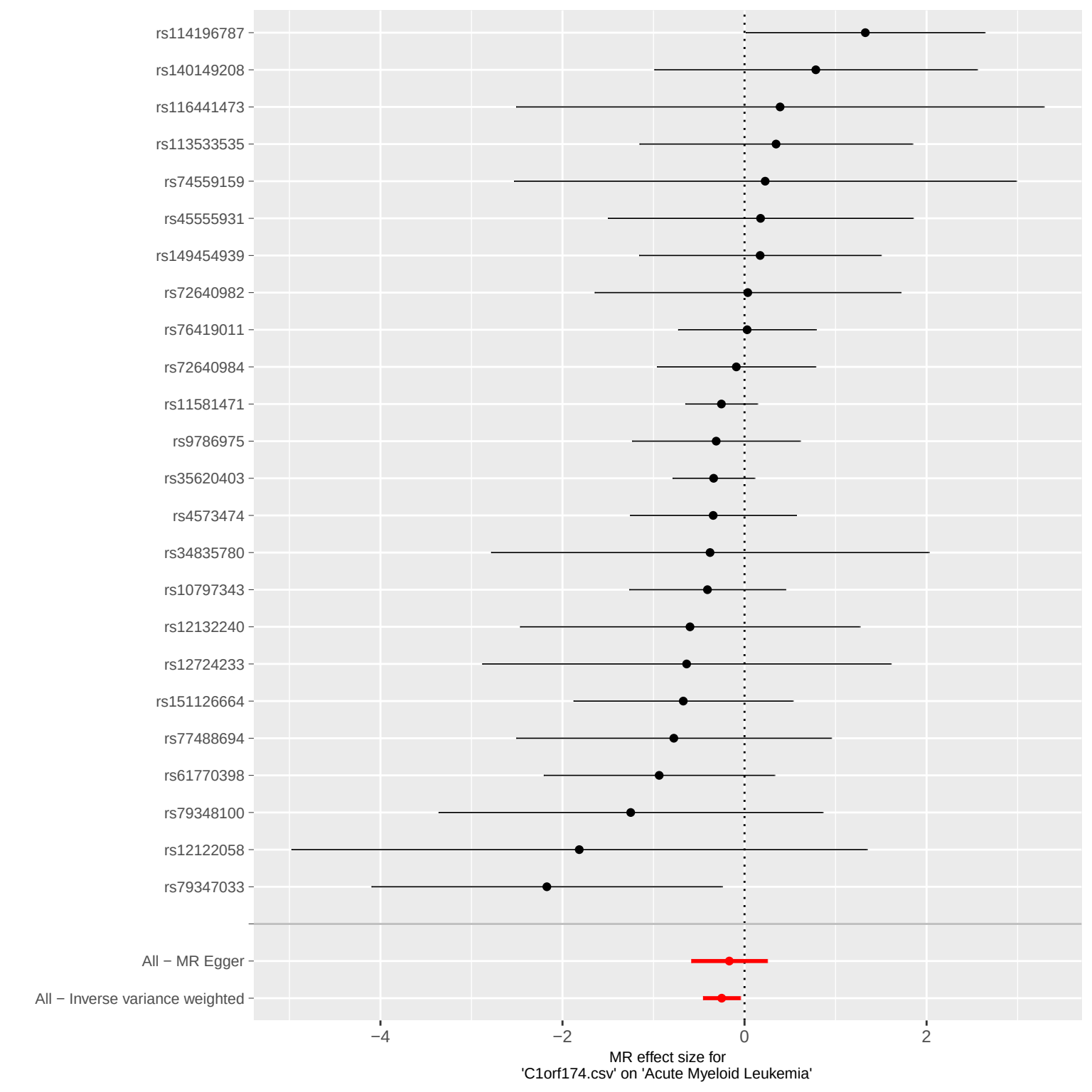
rs10799476
rs148460289
rs12745416
rs1094602
rs3795811
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'C1orf145.csv' on 'Acute Myeloid Leukemia'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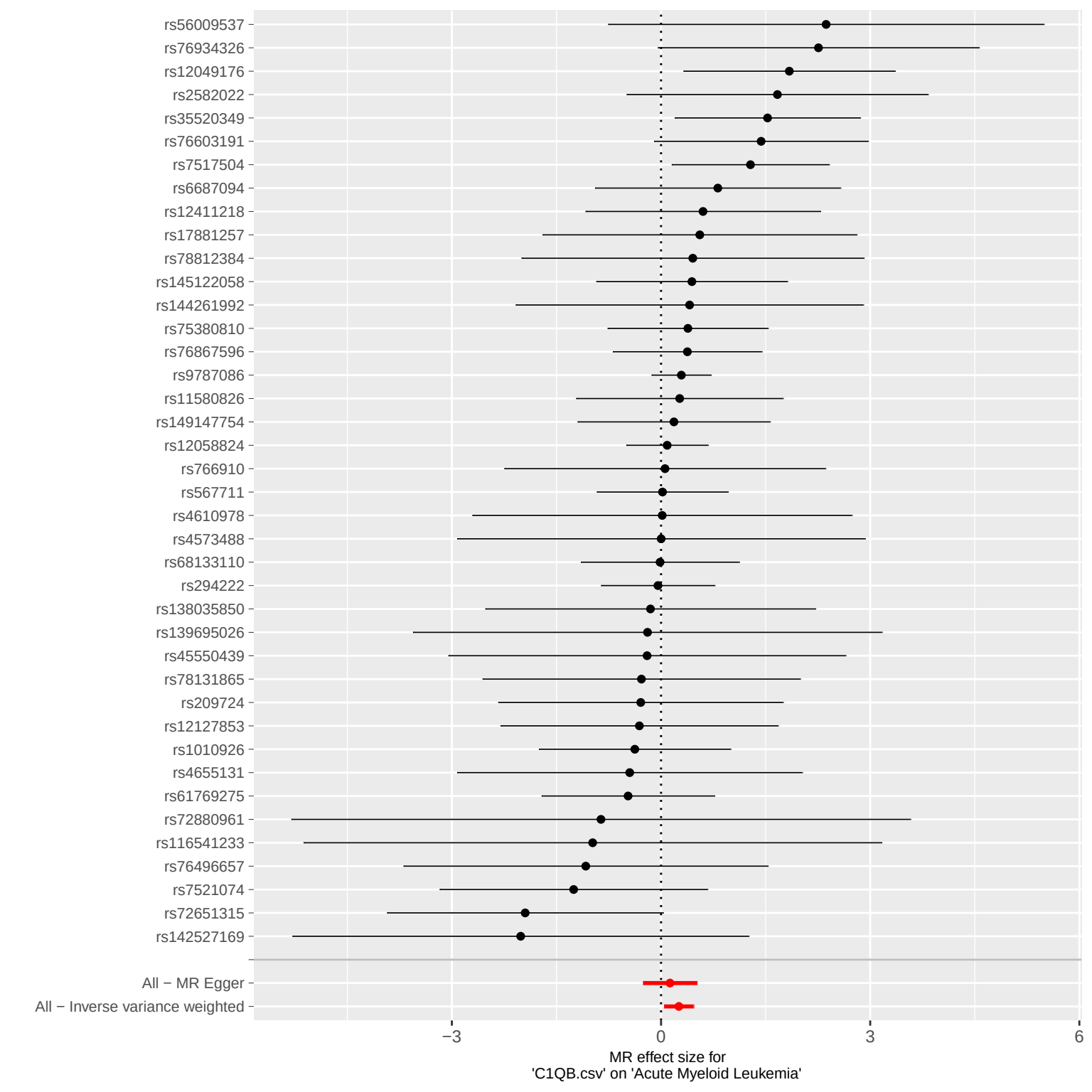
rs35620403
rs4573474
rs34835780
rs10797343
rs12132240
rs12724233
rs151126664
rs77488694
rs61770398
rs79348100
rs12122058
rs79347033
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'C1orf174.csv' on 'Acute Myeloid Leukemia'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rs72880961
rs116541233
rs76496657
rs7521074
rs72651315
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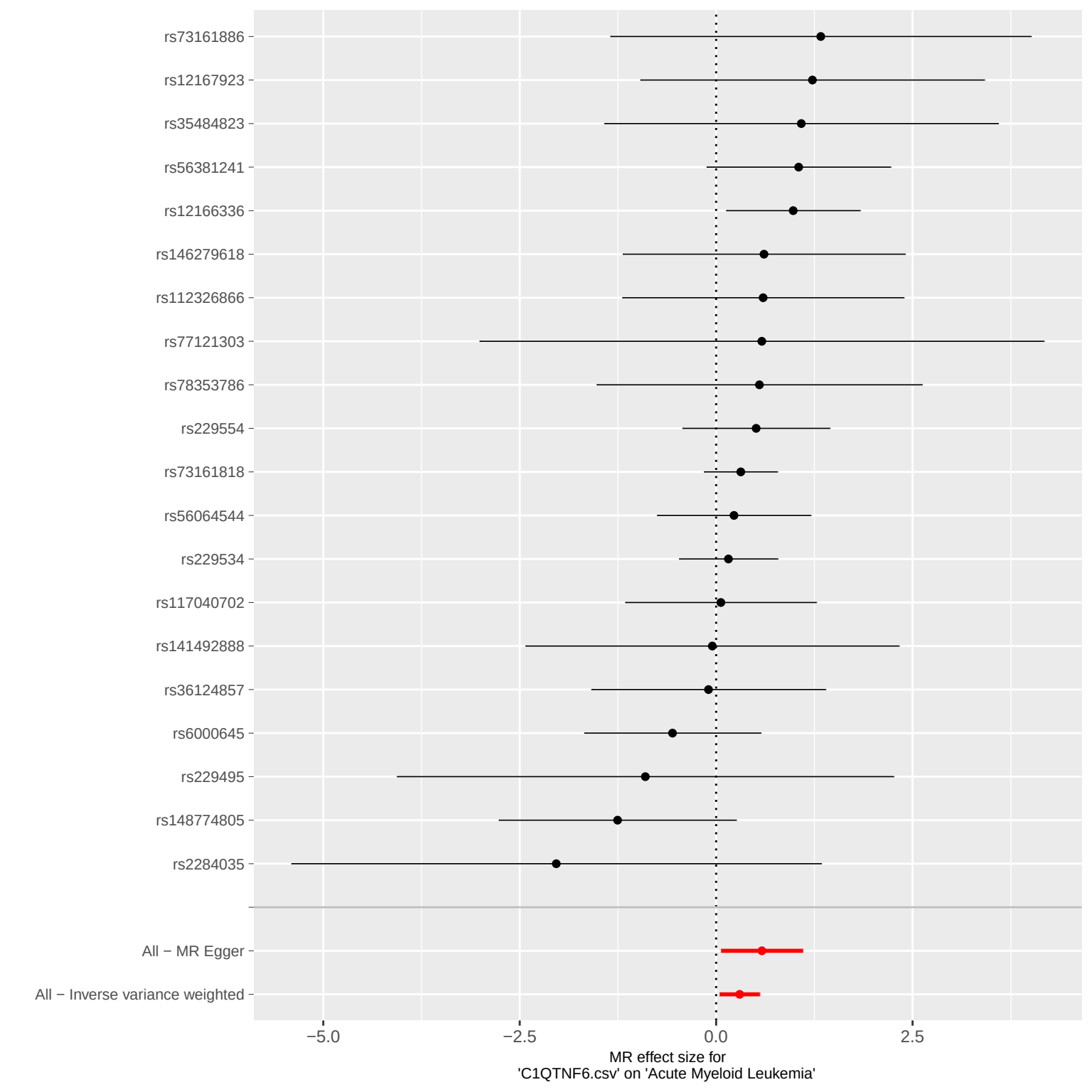
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'C1QB.csv' on 'Acute Myeloid Leukemia'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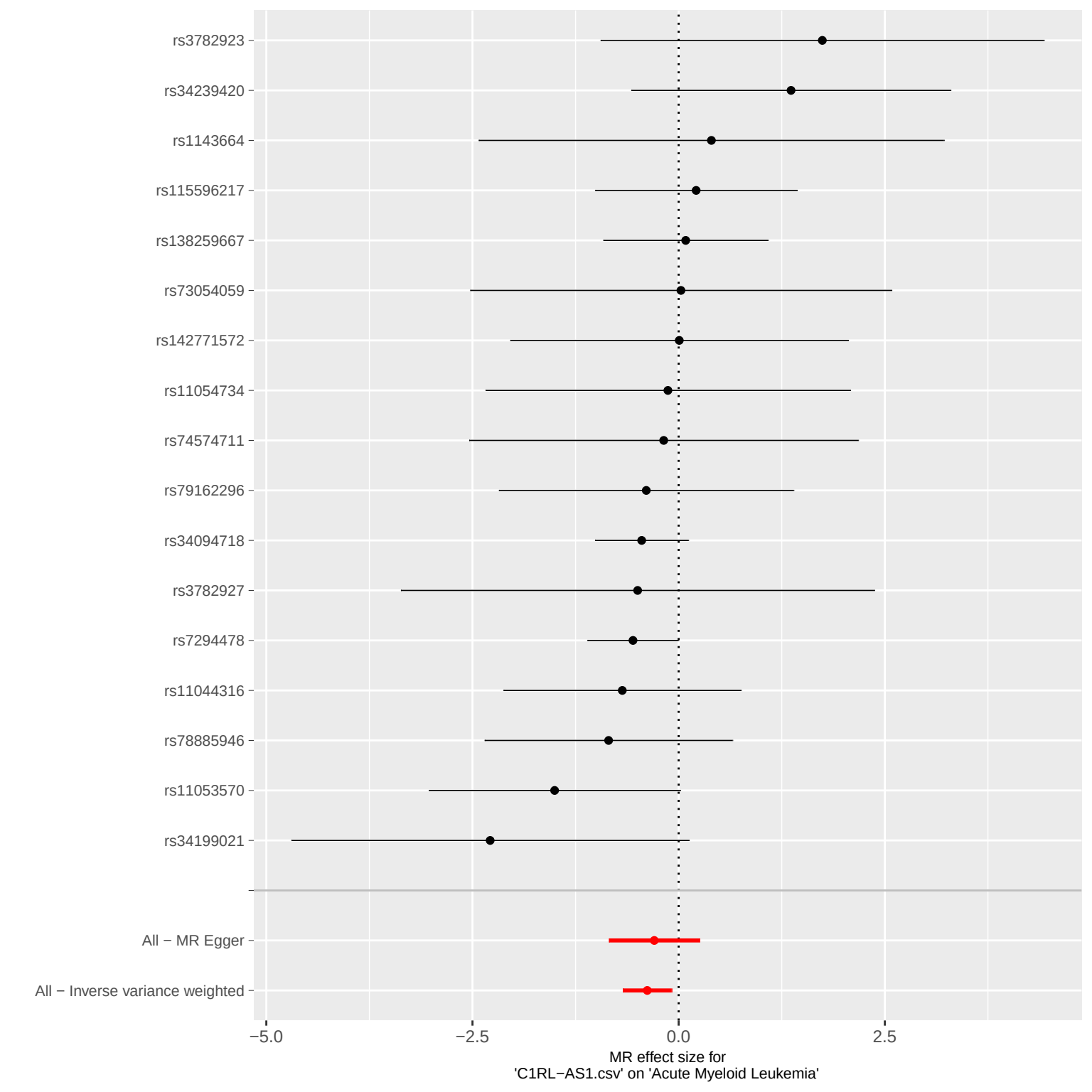
rs36124857
rs6000645
rs229495
rs148774805
rs2284035
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C1QTNF6.csv' on 'Acute Myeloid Leukemia'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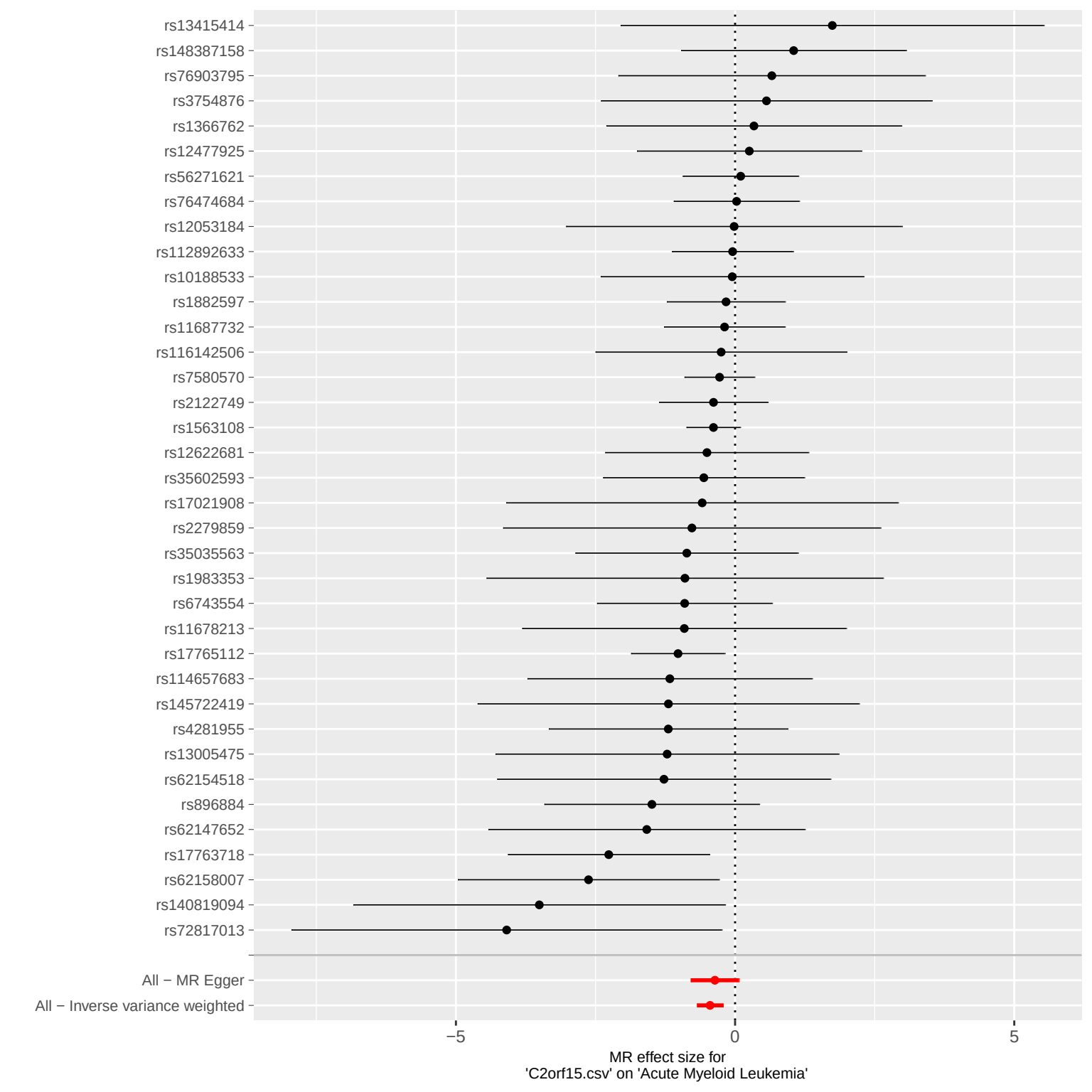
rs7294478
rs11044316
rs78885946
rs11053570
rs34199021
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C1RL−AS1.csv' on 'Acute Myeloid Leukemia'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rs145722419
rs4281955
rs13005475
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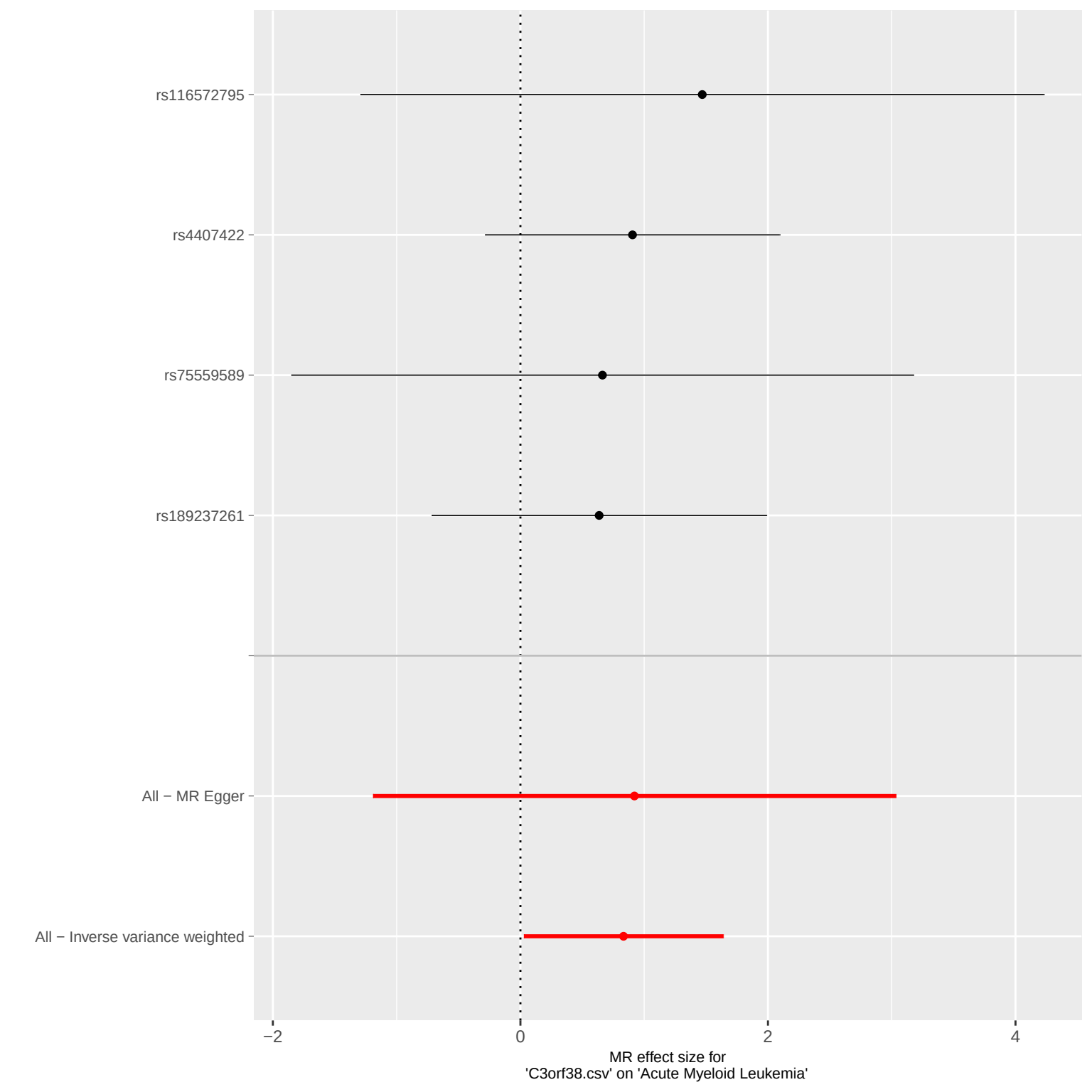
rs896884
rs62147652
rs17763718
rs62158007
rs140819094
rs72817013
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'C2orf15.csv' on 'Acute Myeloid Leukemia'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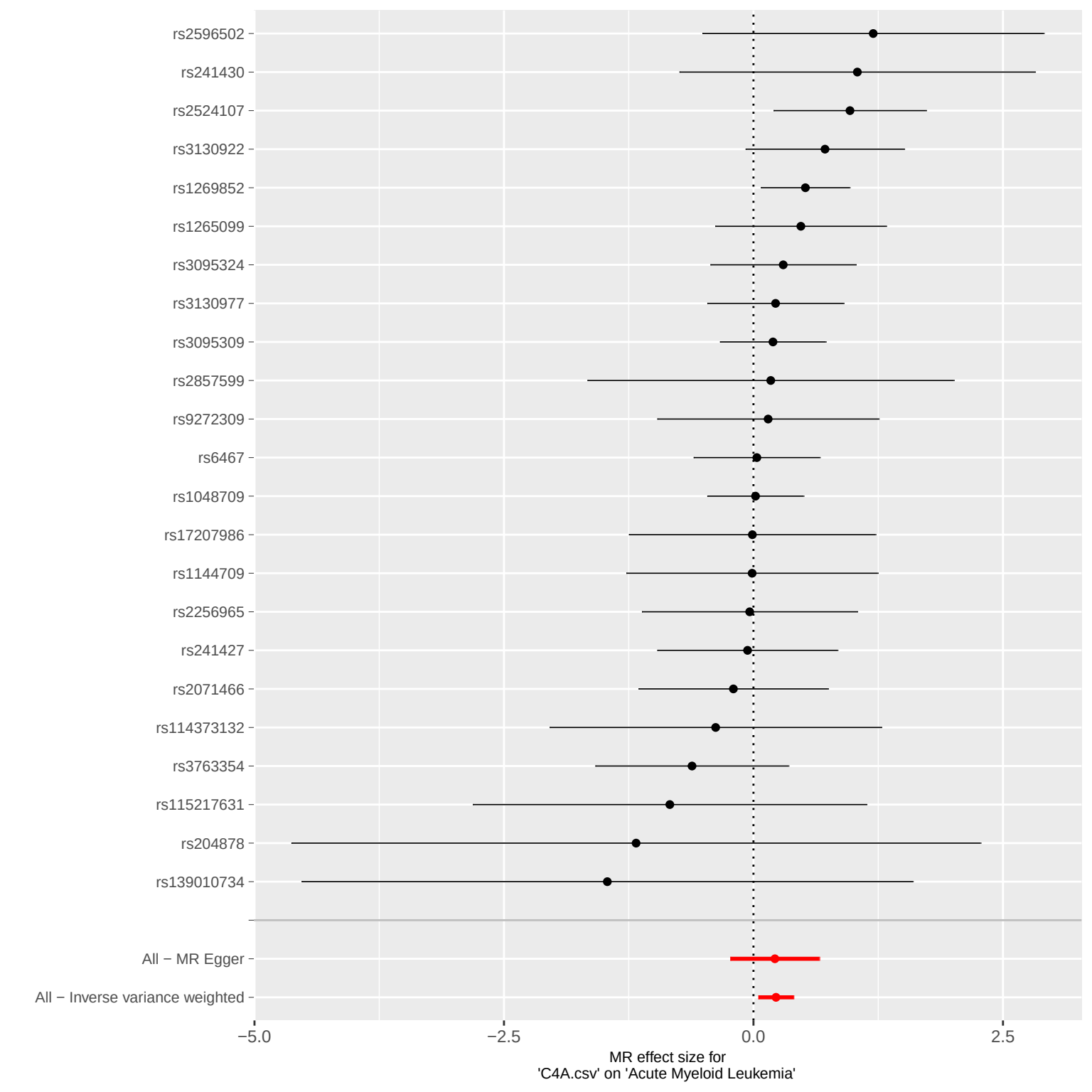
rs75559589
rs189237261
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C3orf38.csv' on 'Acute Myeloid Leukemia'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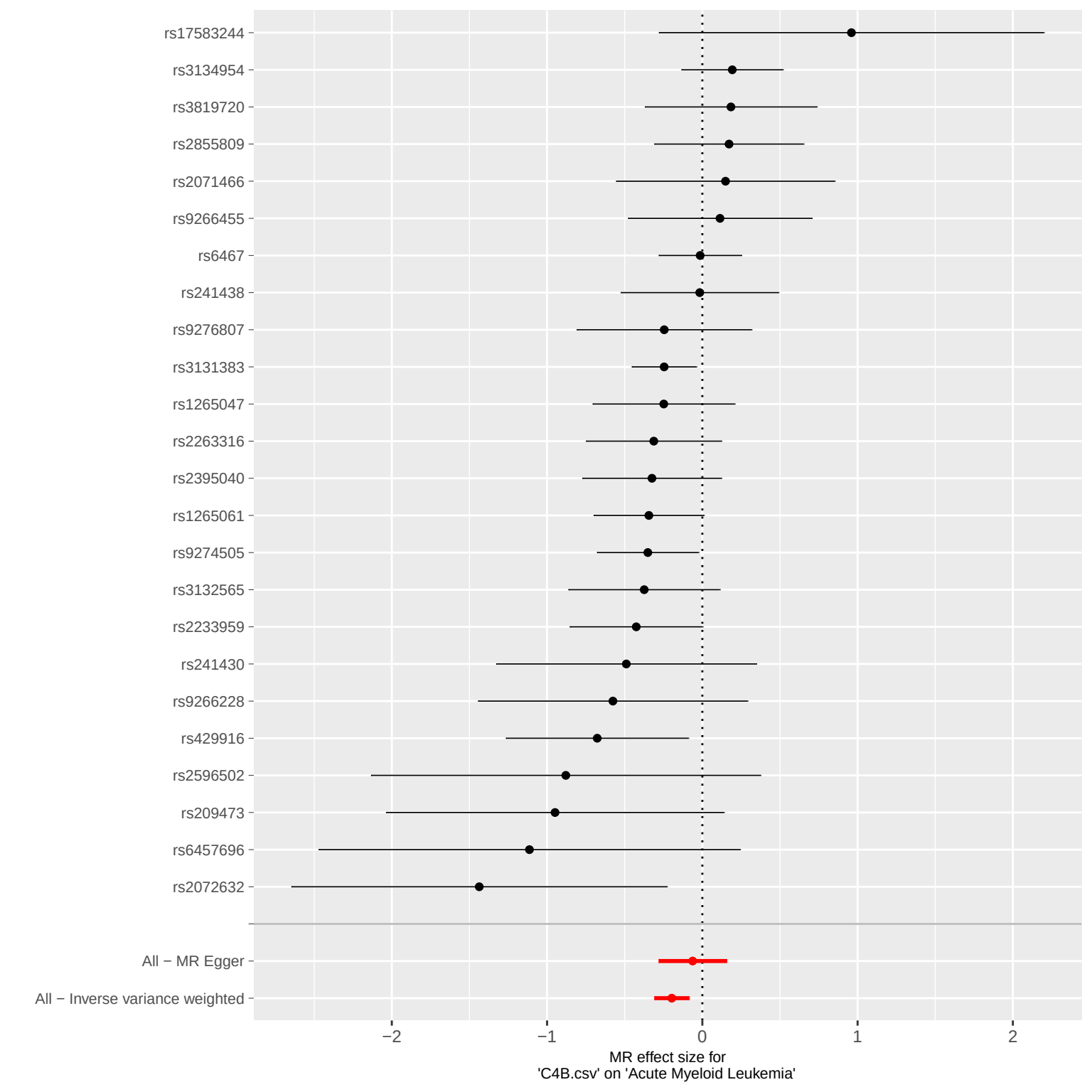
rs17207986
rs1144709
rs2256965
rs241427
rs2071466
rs114373132
rs3763354
rs115217631
rs204878
rs139010734
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C4A.csv' on 'Acute Myeloid Leukemia'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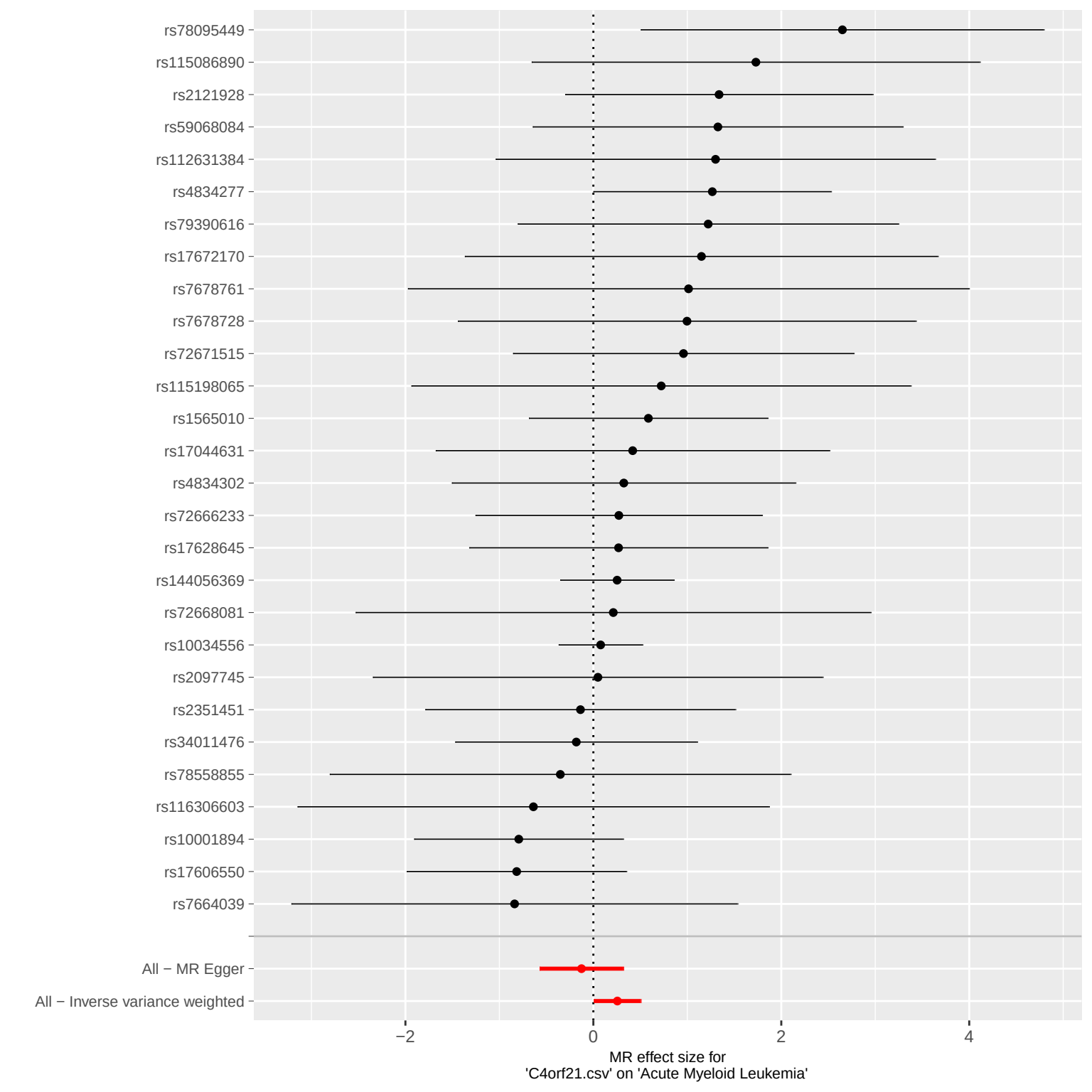
rs2395040
rs1265061
rs9274505
rs3132565
rs2233959
rs241430
rs9266228
rs429916
rs2596502
rs209473
rs6457696
rs2072632
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'C4B.csv' on 'Acute Myeloid Leukemia'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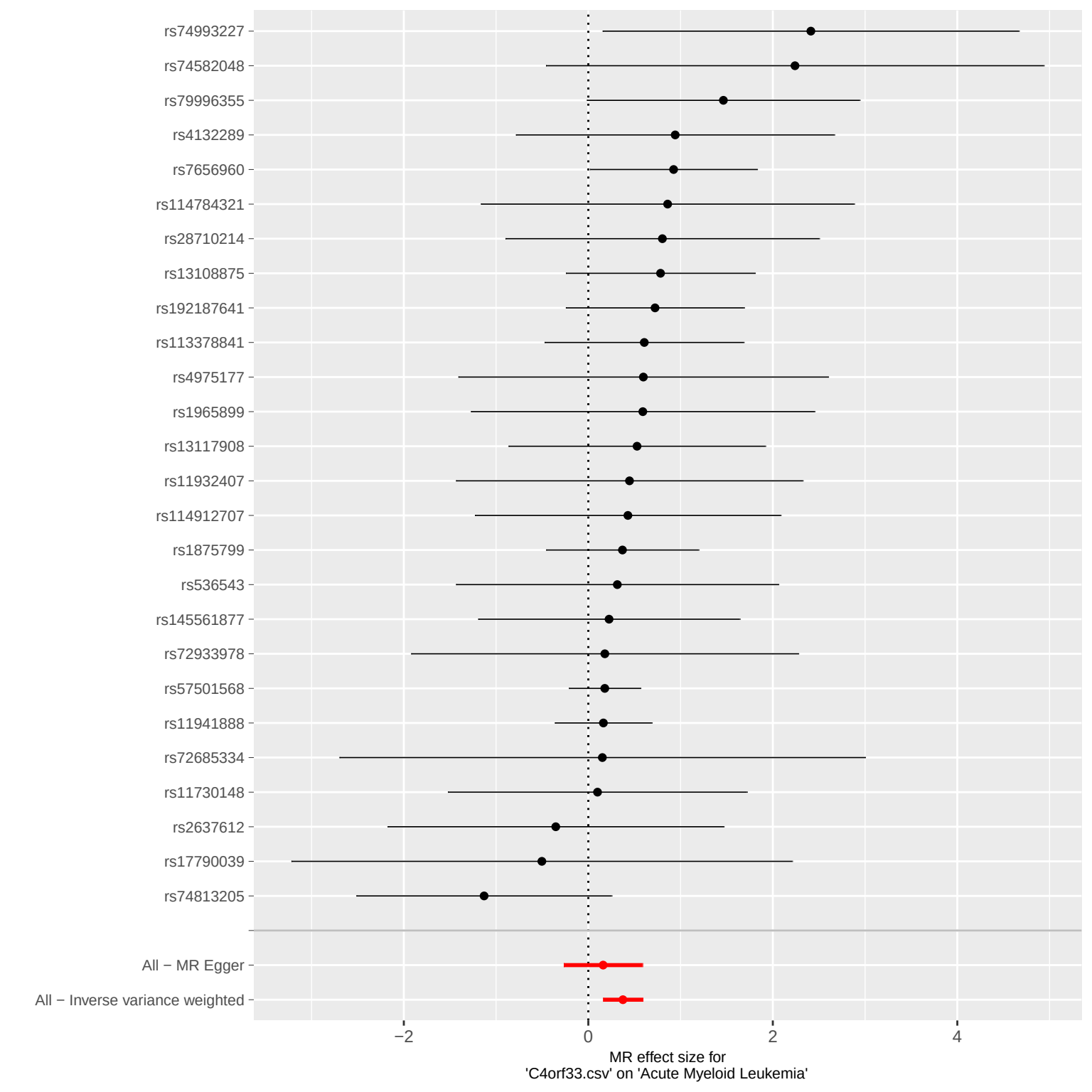
rs17628645
rs144056369
rs72668081
rs10034556
rs2097745
rs2351451
rs34011476
rs78558855
rs116306603
rs10001894
rs17606550
rs7664039
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C4orf21.csv' on 'Acute Myeloid Leukemia'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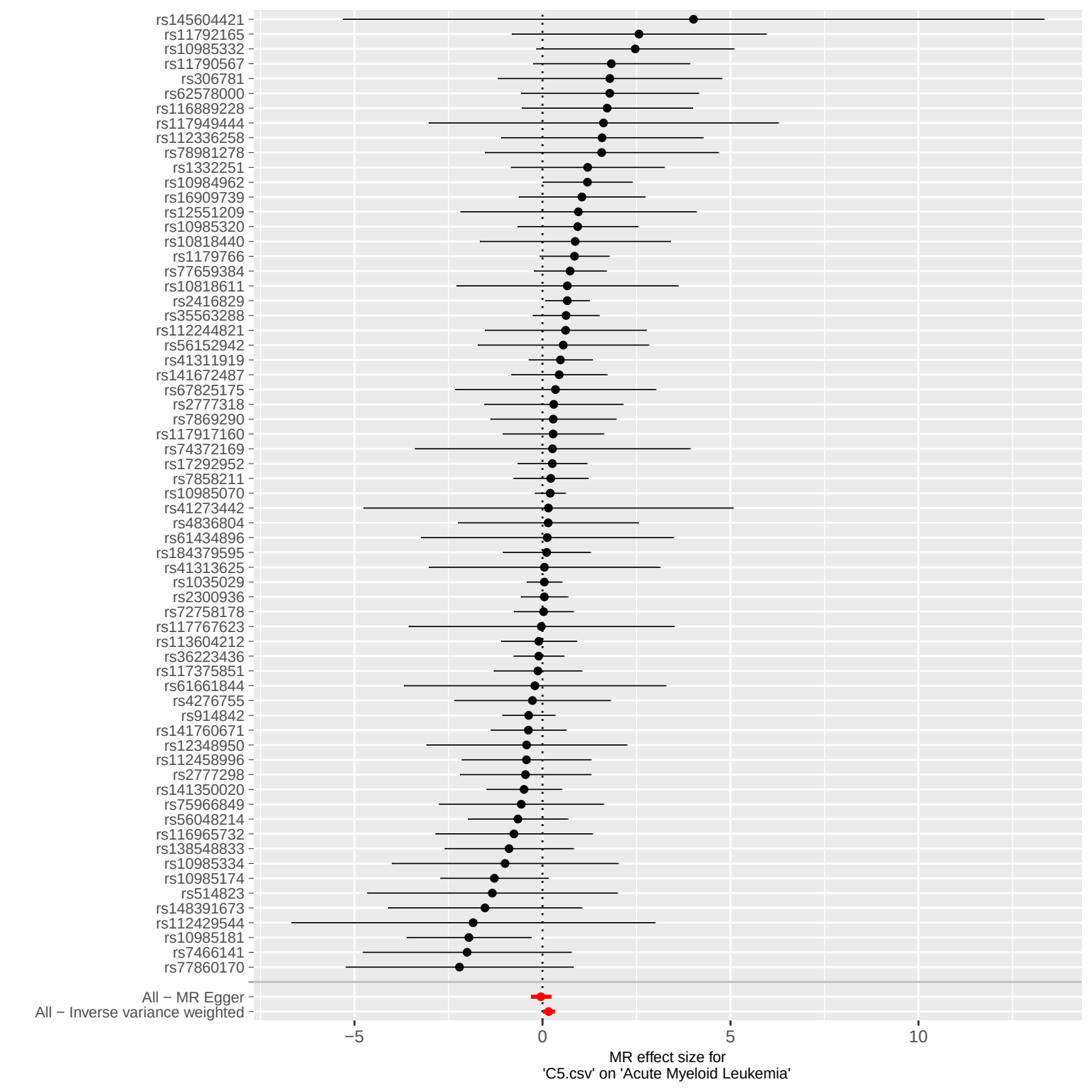
rs4975177
rs1965899
rs13117908
rs11932407
rs114912707
rs1875799
rs536543
rs145561877
rs72933978
rs57501568
rs11941888
rs72685334
rs11730148
rs2637612
rs17790039
rs74813205
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C4orf33.csv' on 'Acute Myeloid Leukemia'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rs2777298
rs141350020
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rs116965732
rs138548833
rs10985334
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rs514823
rs148391673
rs112429544
rs10985181
rs7466141
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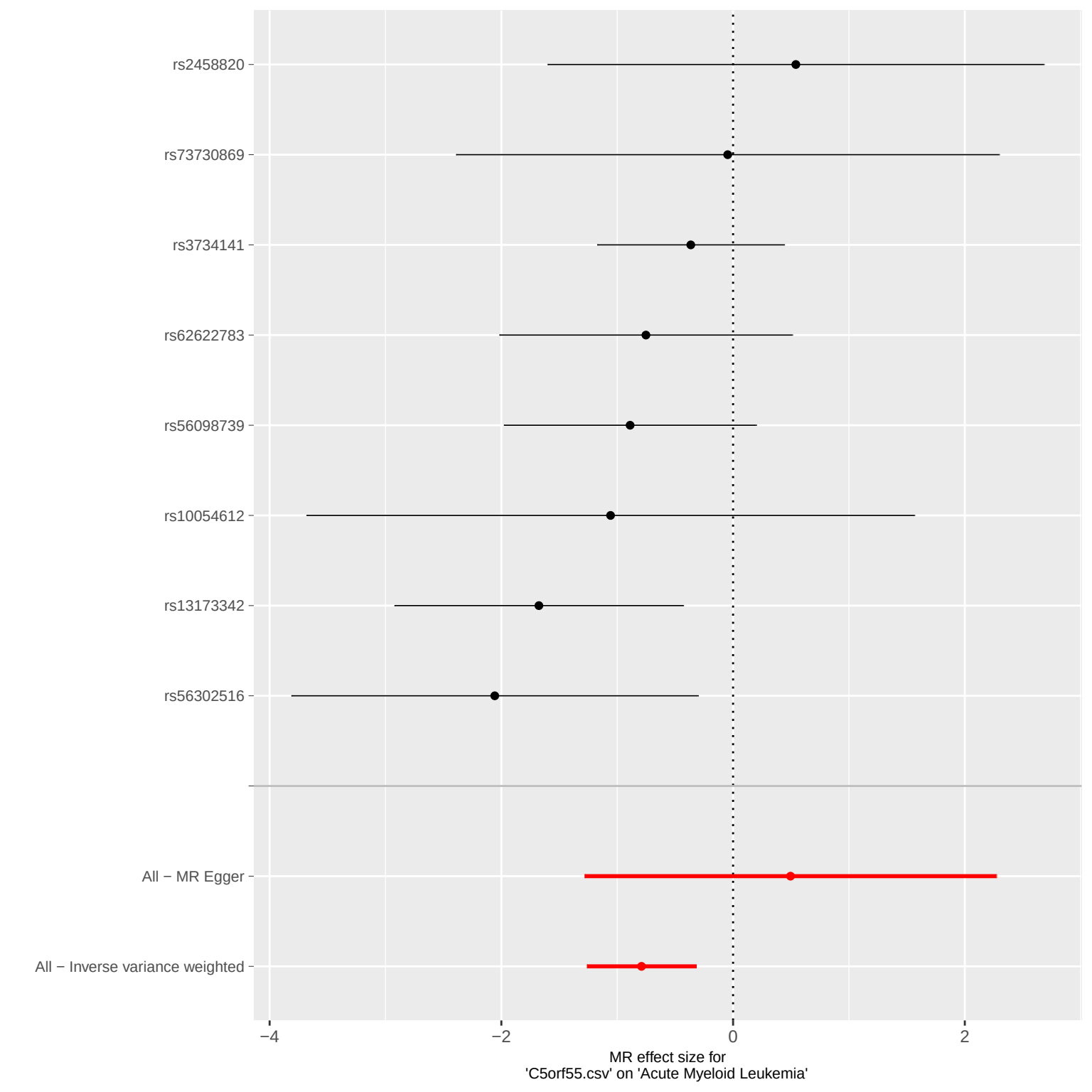
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'C5.csv' on 'Acute Myeloid Leukemia'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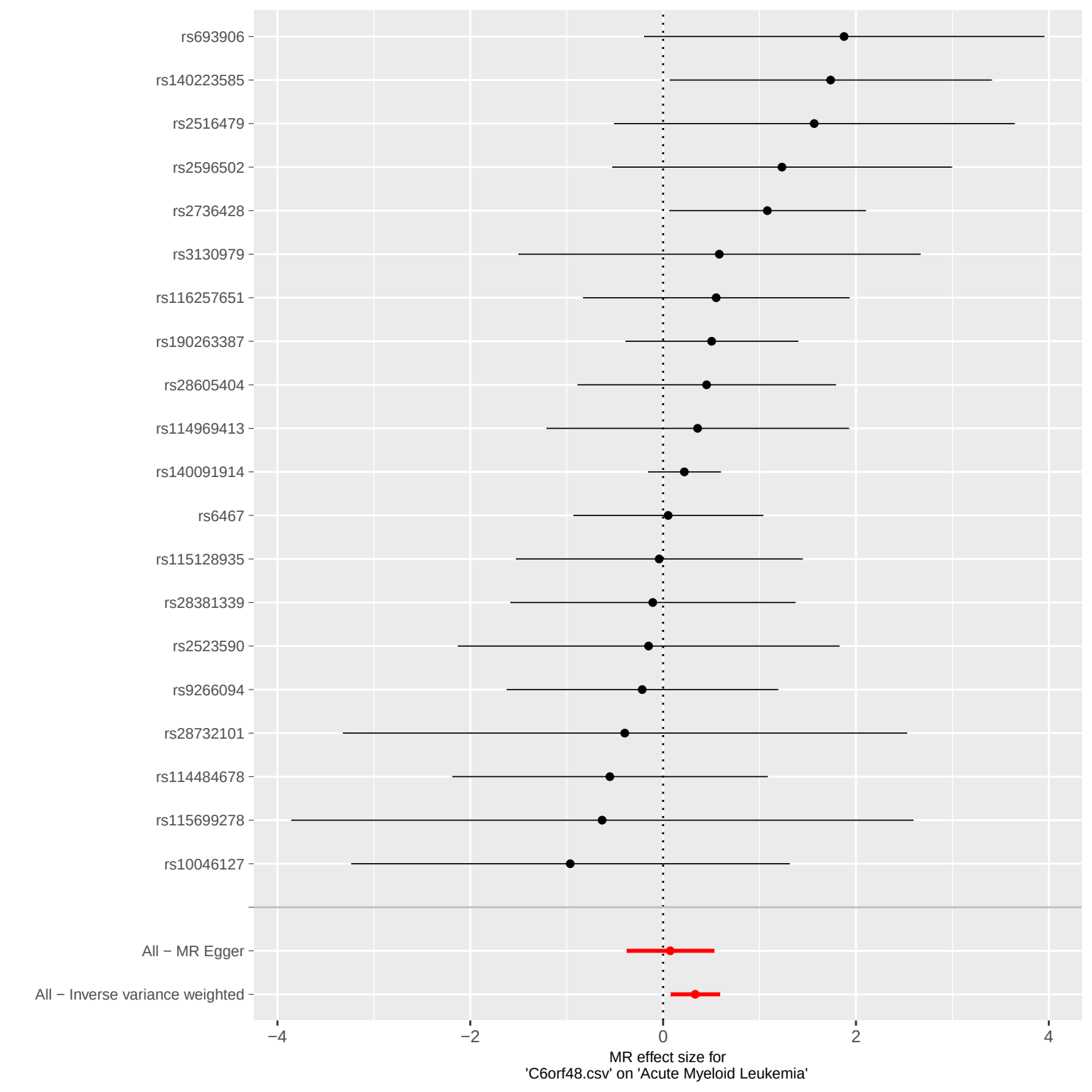
rs56098739
rs10054612
rs13173342
rs56302516
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'C5orf55.csv' on 'Acute Myeloid Leukemia'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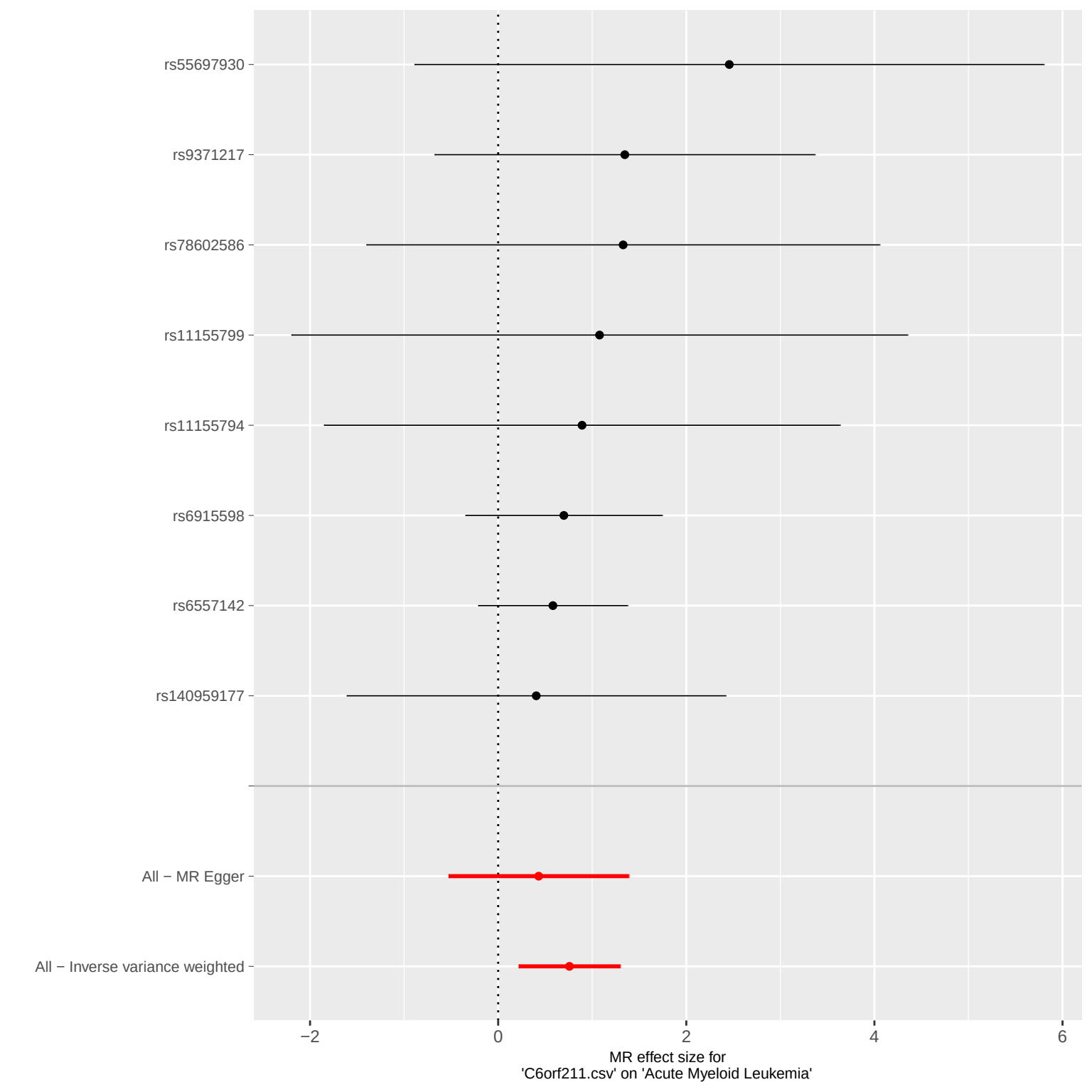
rs2523590
rs9266094
rs28732101
rs114484678
rs115699278
rs10046127
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'C6orf48.csv' on 'Acute Myeloid Leukemia'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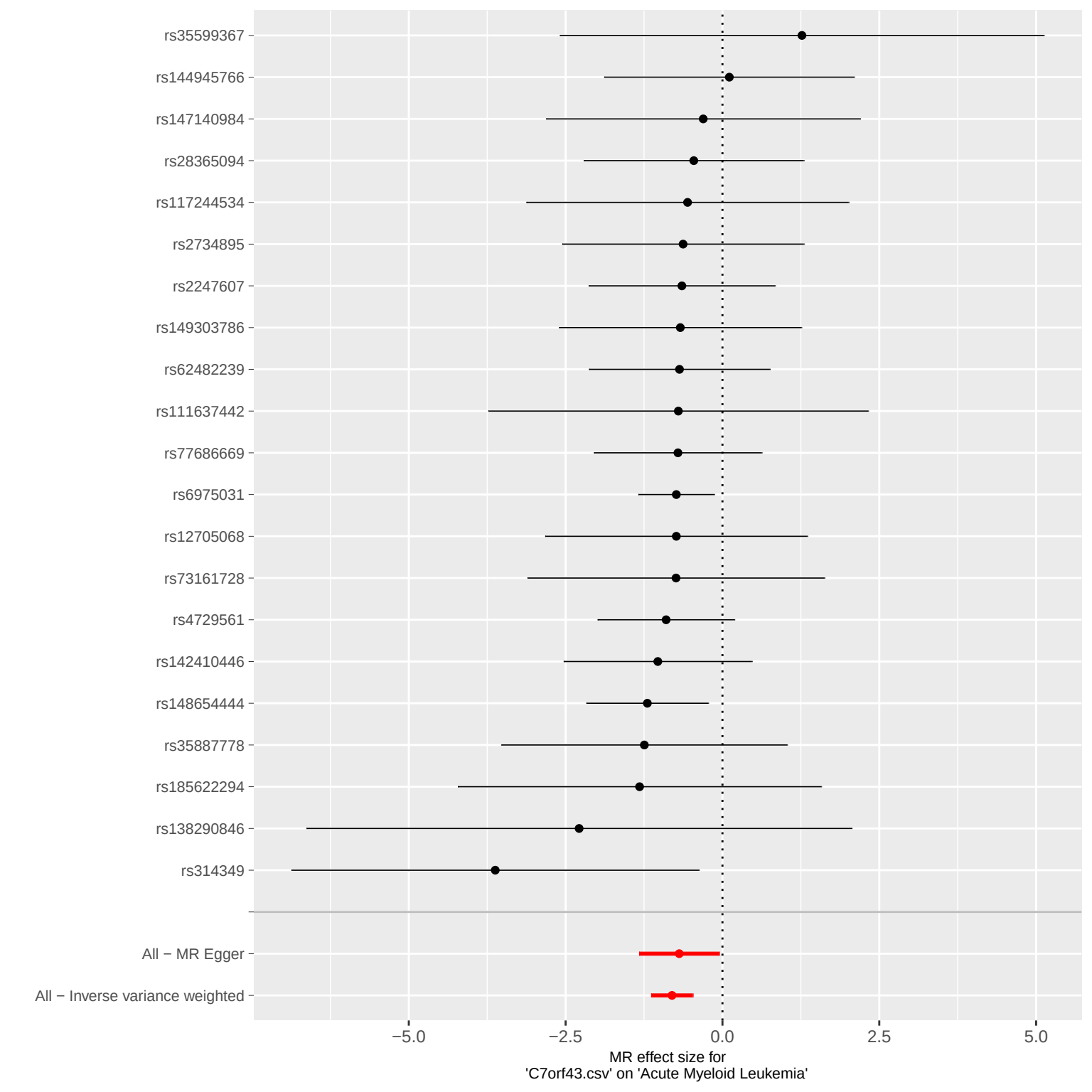
rs11155794
rs6915598
rs6557142
rs140959177
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'C6orf211.csv' on 'Acute Myeloid Leukemia'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rs77686669
rs6975031
rs12705068
rs73161728
rs4729561
rs142410446
rs148654444
rs35887778
rs185622294
rs138290846
rs314349
All − MR Egger
All − Inverse variance weighted
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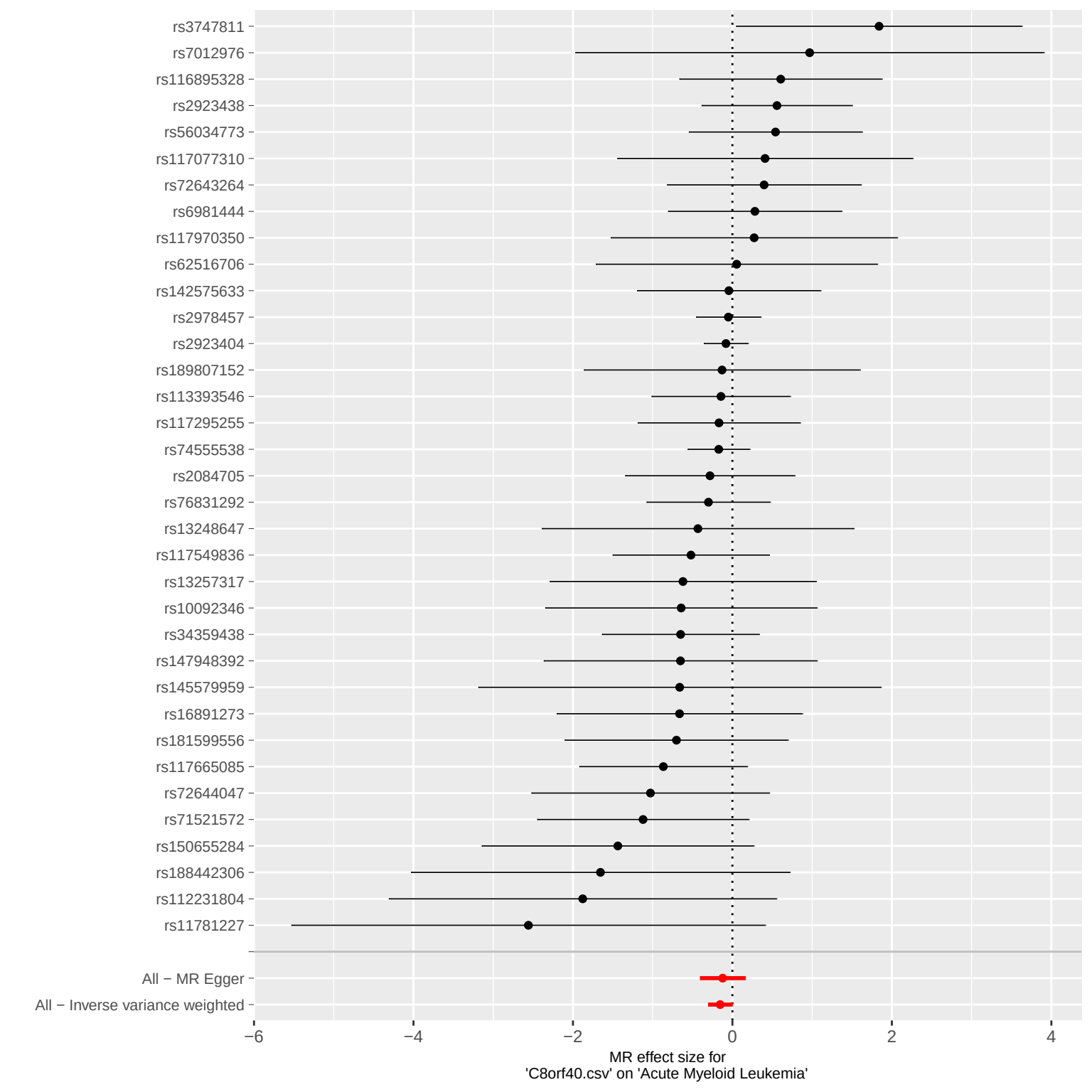
−2.5
0.0
2.5
5.0
MR effect size for
'C7orf43.csv' on 'Acute Myeloid Leukemia'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rs2923404
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rs74555538
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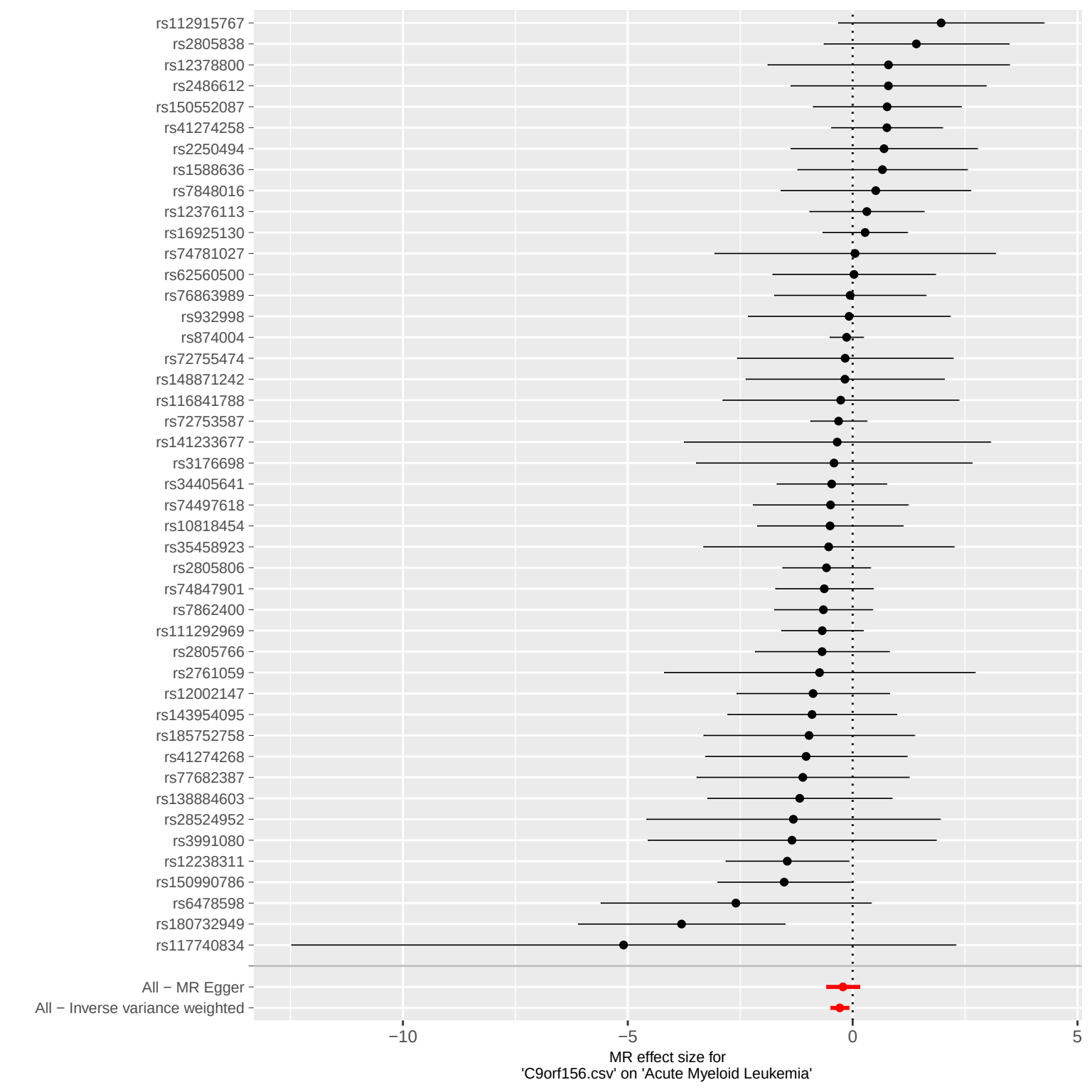
rs117665085
rs72644047
rs71521572
rs150655284
rs188442306
rs112231804
rs11781227
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'C8orf40.csv' on 'Acute Myeloid Leukemia'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rs41274268
rs77682387
rs138884603
rs28524952
rs3991080
rs12238311
rs150990786
rs6478598
rs180732949
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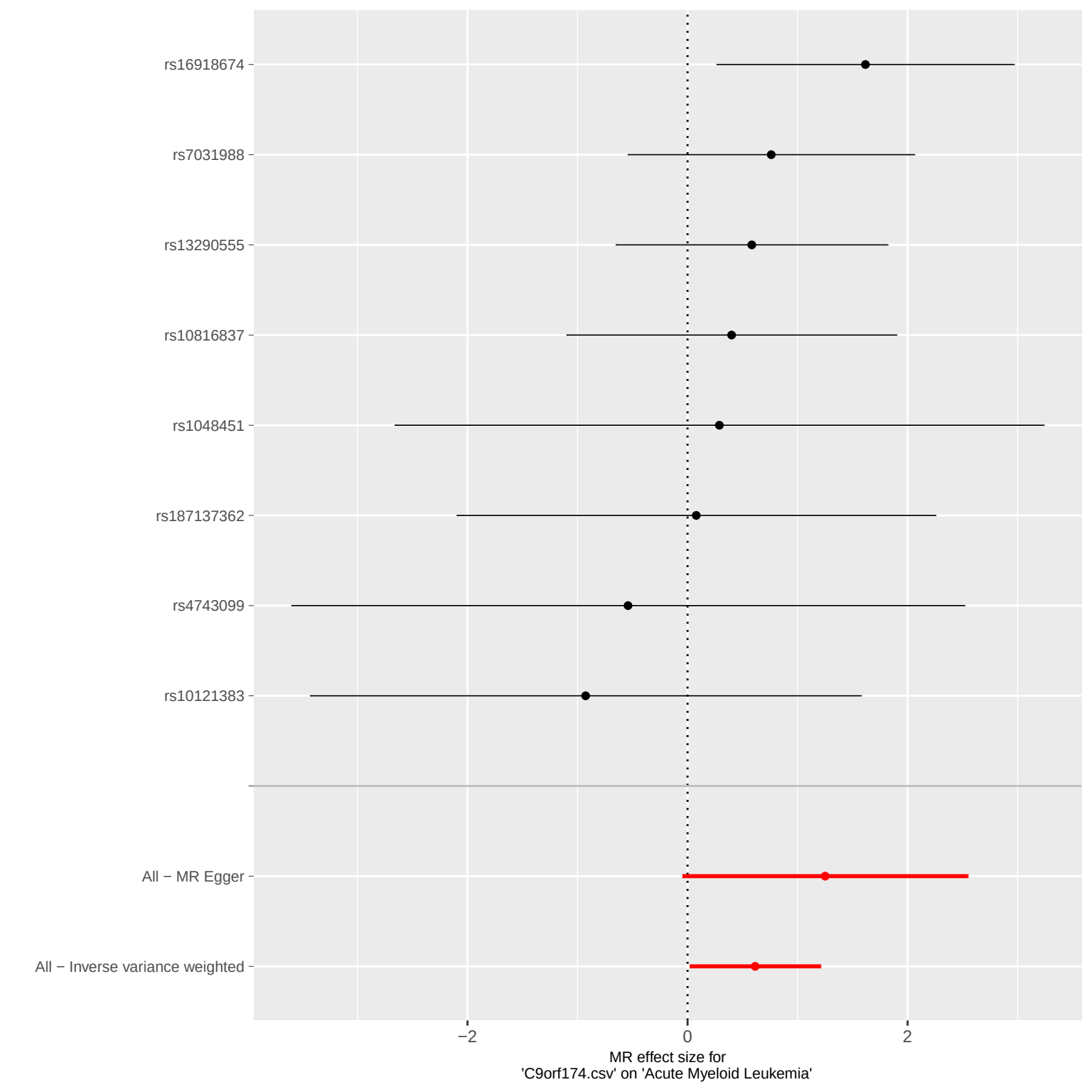
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'C9orf156.csv' on 'Acute Myeloid Leukemia'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rs1048451
rs187137362
rs4743099
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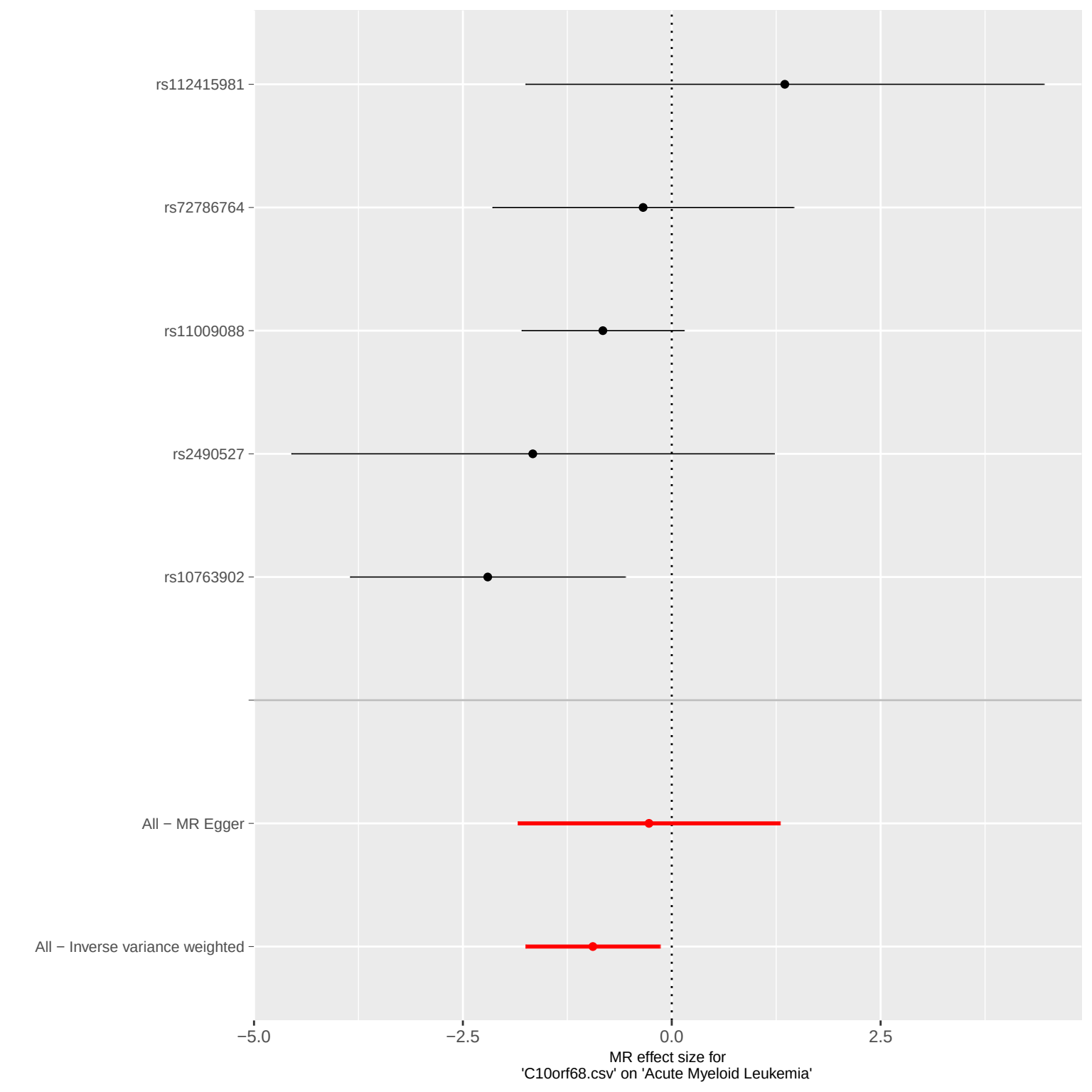
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'C9orf174.csv' on 'Acute Myeloid Leukemia'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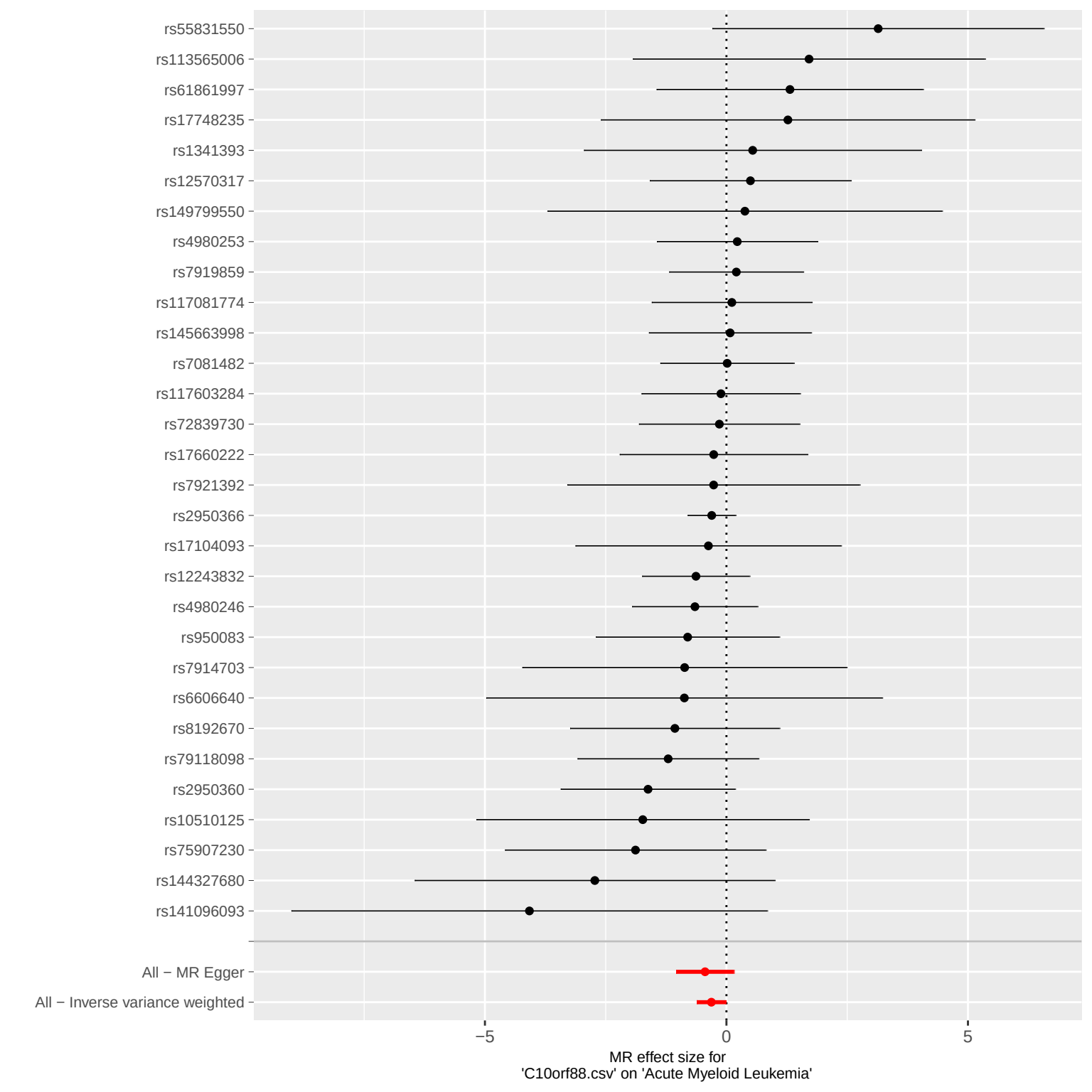
rs72786764
rs11009088
rs2490527
rs10763902
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C10orf68.csv' on 'Acute Myeloid Leukemia'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rs12243832
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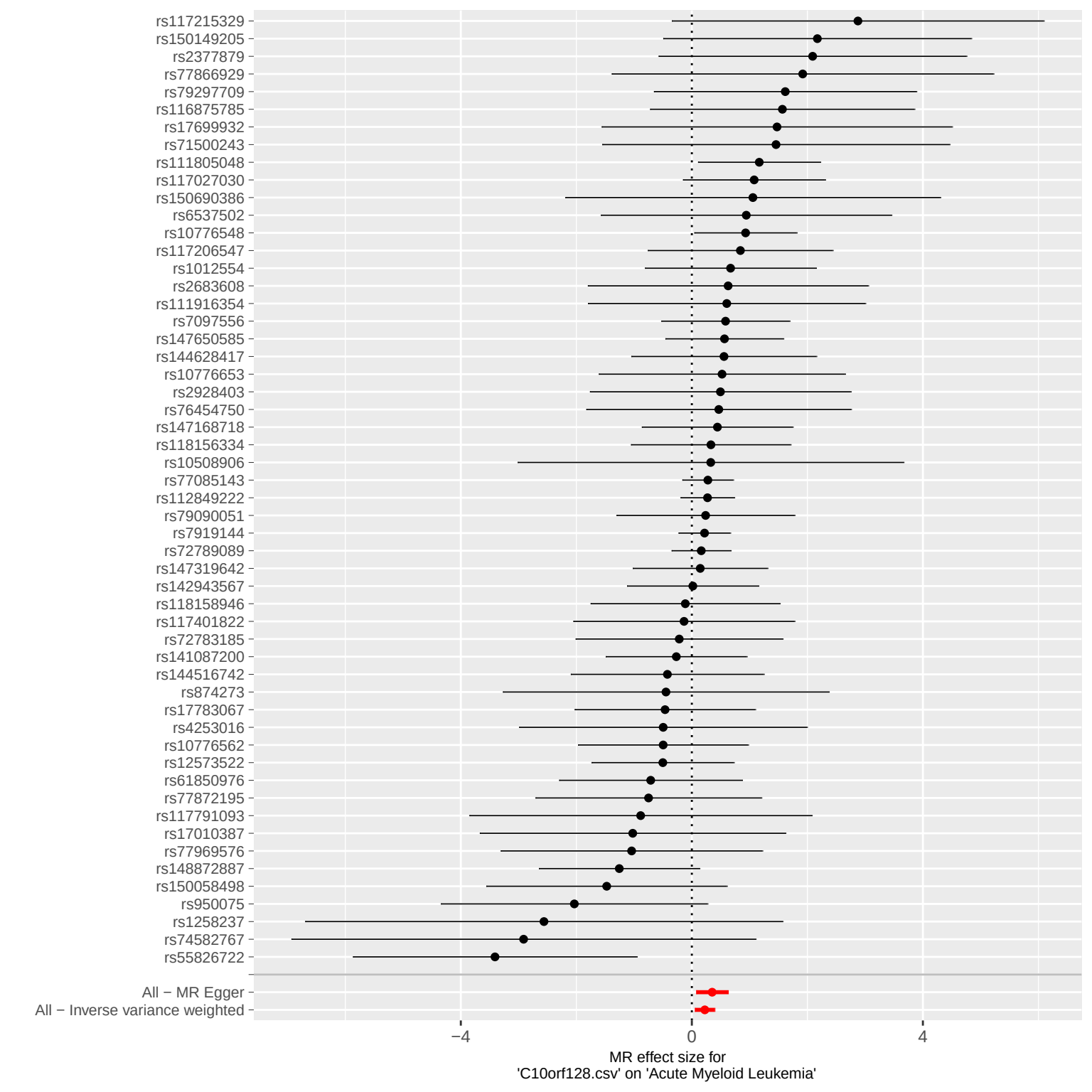
rs7914703
rs6606640
rs8192670
rs79118098
rs2950360
rs10510125
rs75907230
rs144327680
rs141096093
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'C10orf88.csv' on 'Acute Myeloid Leukemia'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rs150690386
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rs10776653
rs2928403
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rs4253016
rs10776562
rs12573522
rs61850976
rs77872195
rs117791093
rs17010387
rs77969576
rs148872887
rs150058498
rs950075
rs1258237
rs74582767
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All − MR Egger
All − Inverse variance weighted
−4
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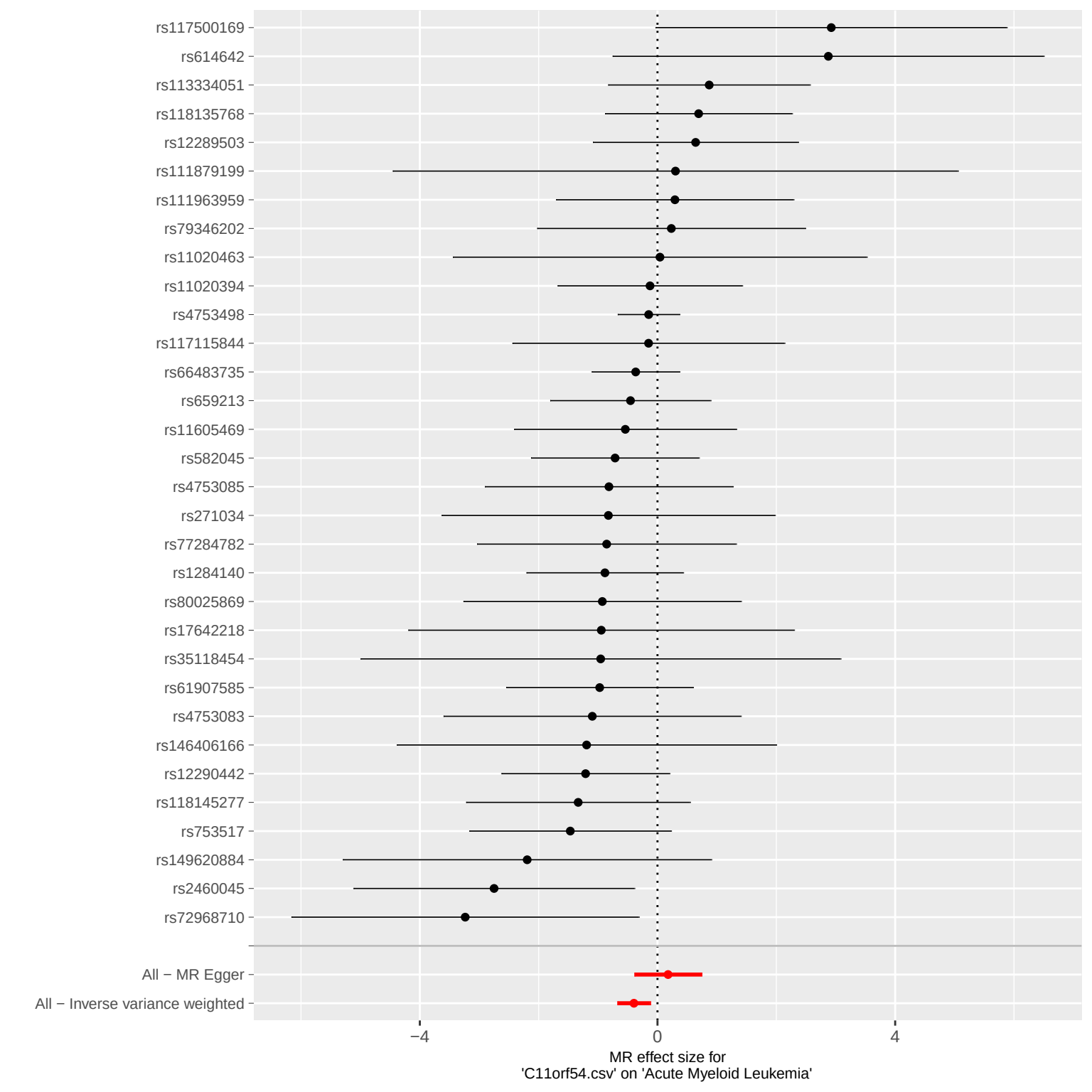
4
MR effect size for
'C10orf128.csv' on 'Acute Myeloid Leukemia'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rs35118454
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rs12290442
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rs149620884
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All − MR Egger
All − Inverse variance weighted
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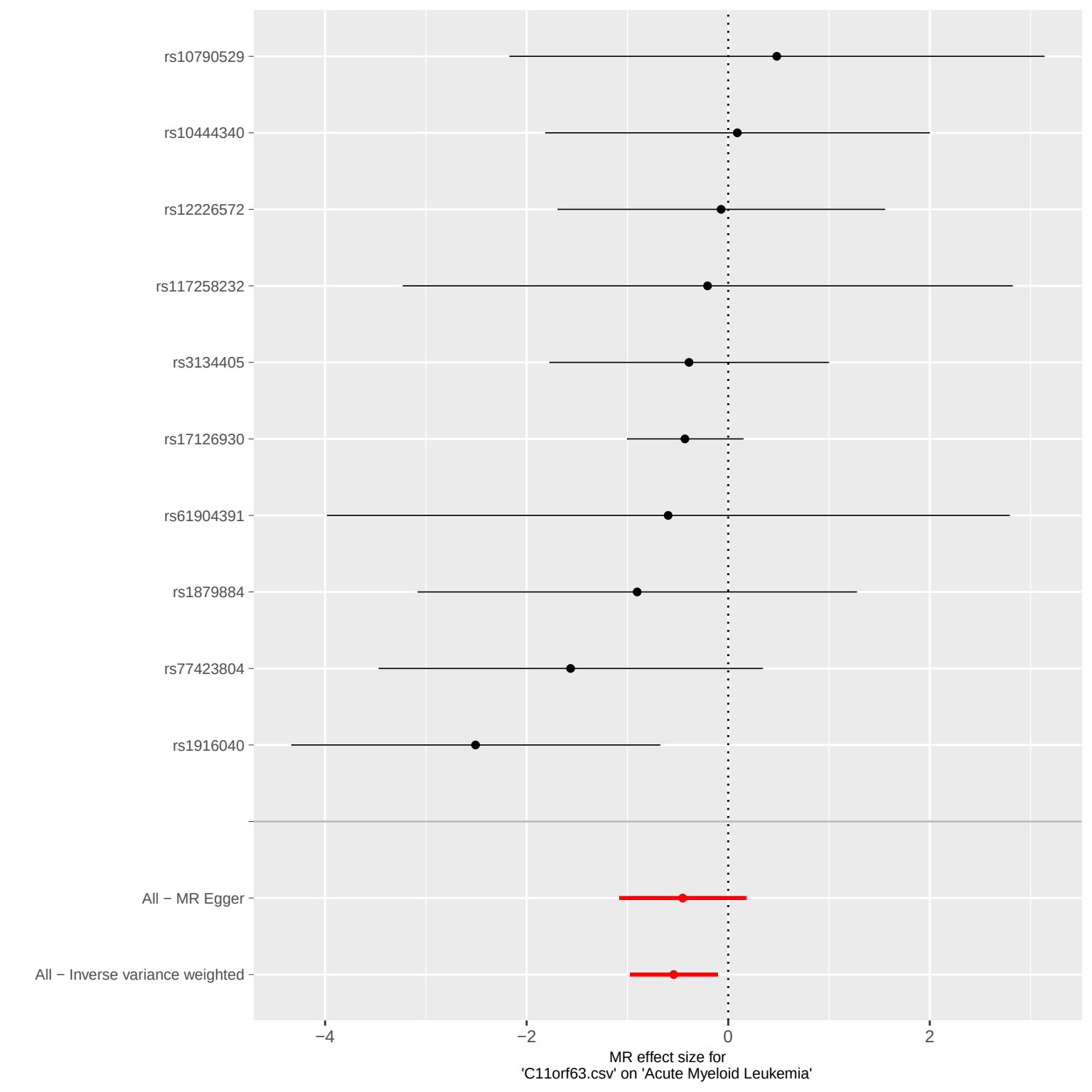
4
MR effect size for
'C11orf54.csv' on 'Acute Myeloid Leukemia'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rs77423804
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All − MR Egger
All − Inverse variance weighted
−4
−2
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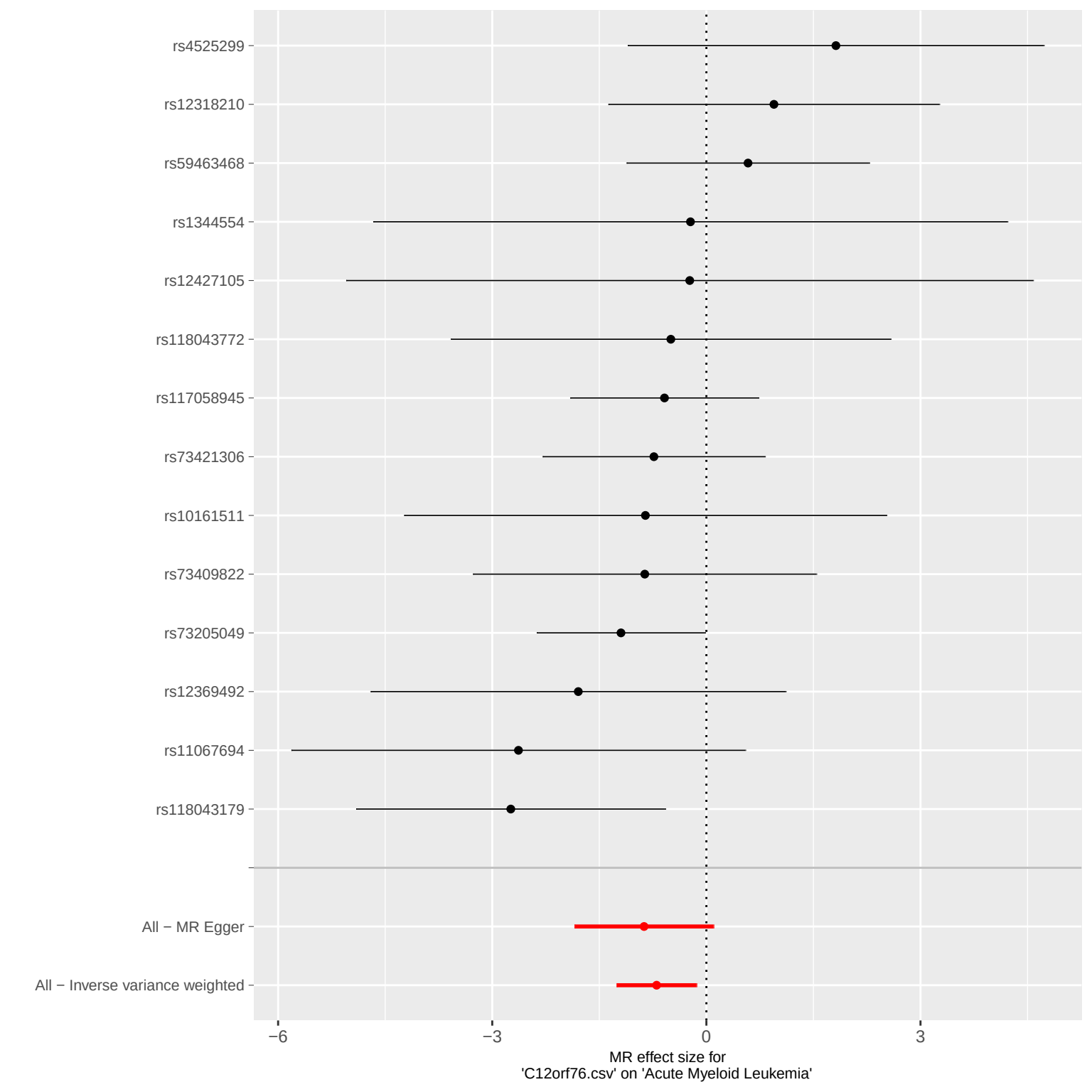
2
MR effect size for
'C11orf63.csv' on 'Acute Myeloid Leukemia'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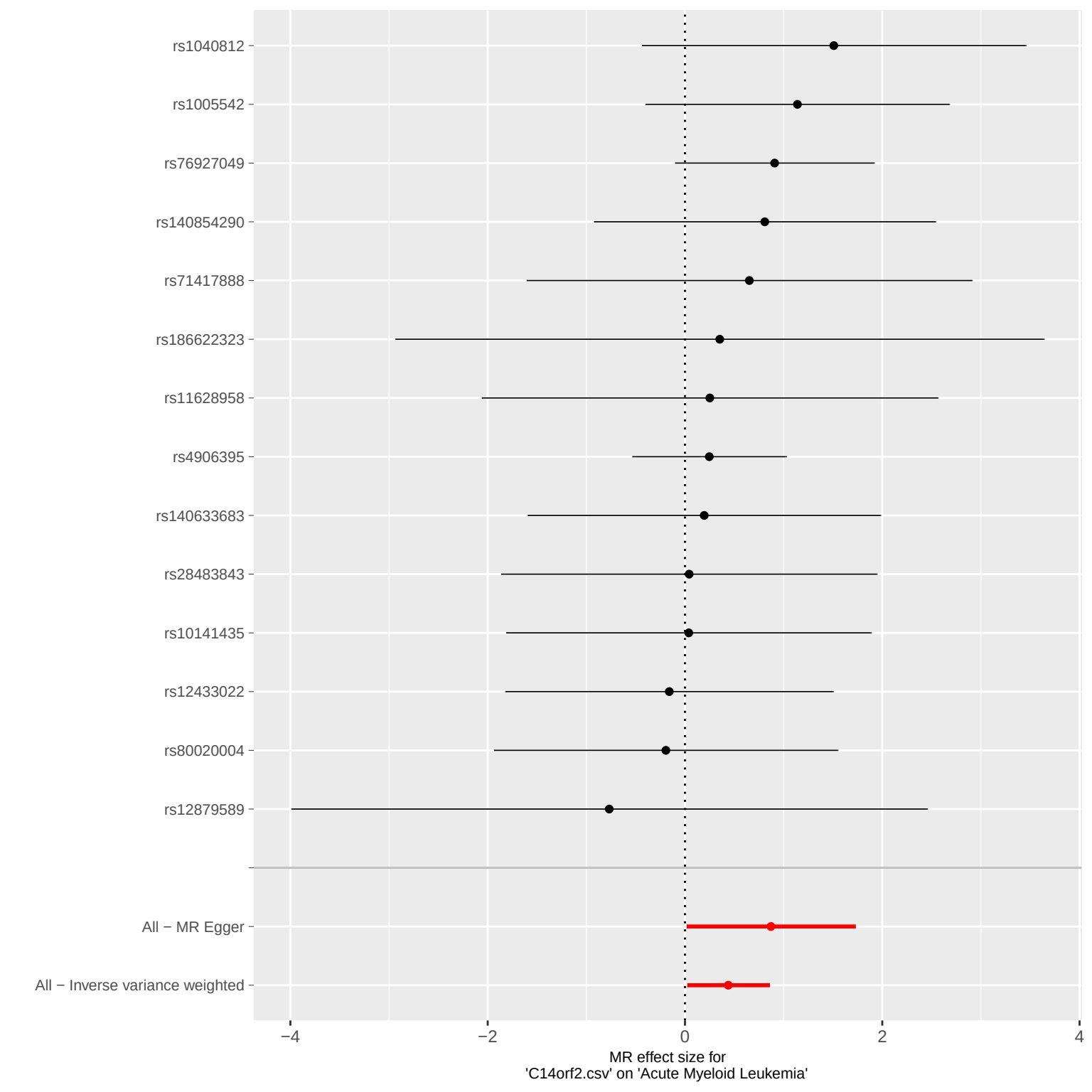
rs73421306
rs10161511
rs73409822
rs73205049
rs12369492
rs11067694
rs118043179
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'C12orf76.csv' on 'Acute Myeloid Leukemia'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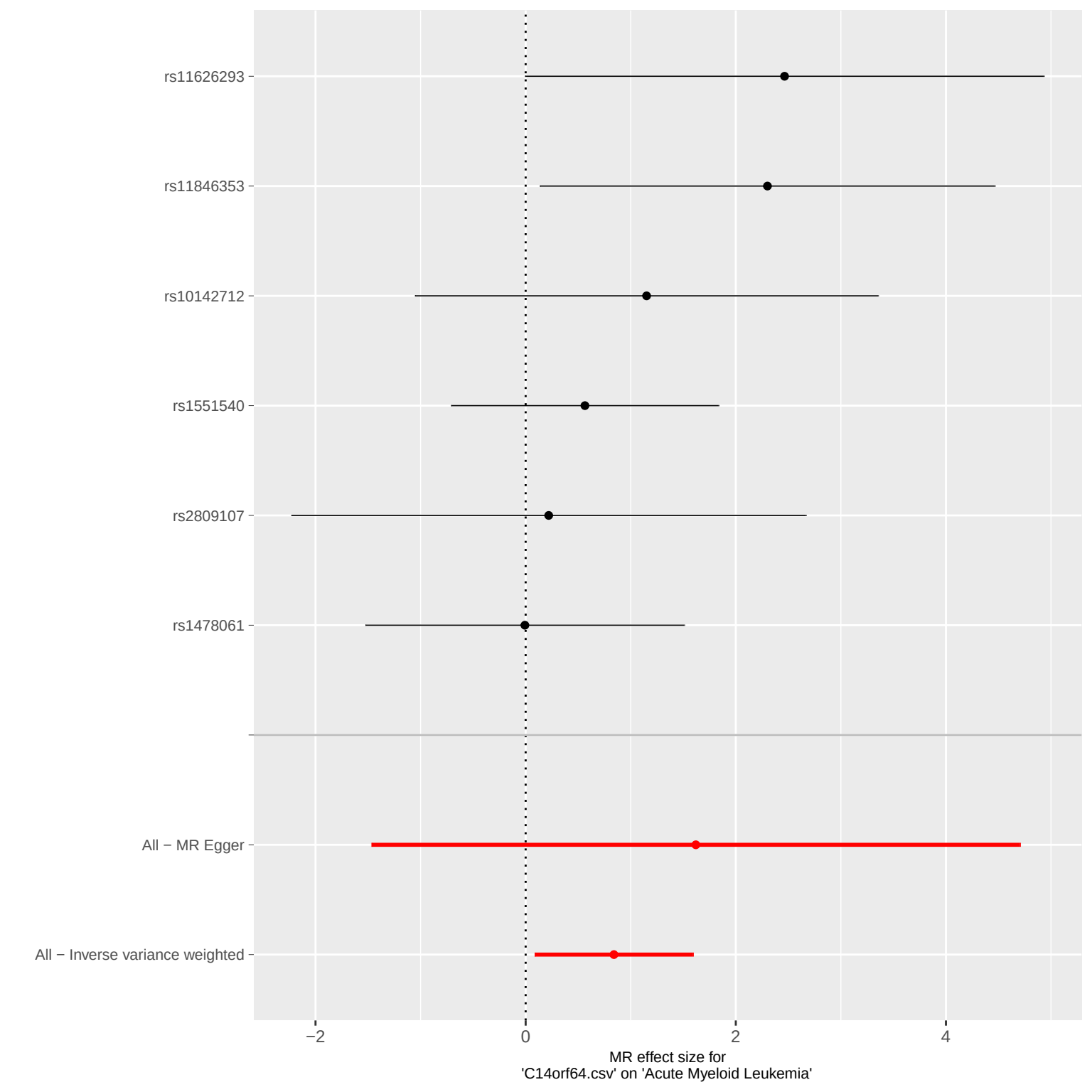
rs12433022
rs80020004
rs12879589
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'C14orf2.csv' on 'Acute Myeloid Leukemia'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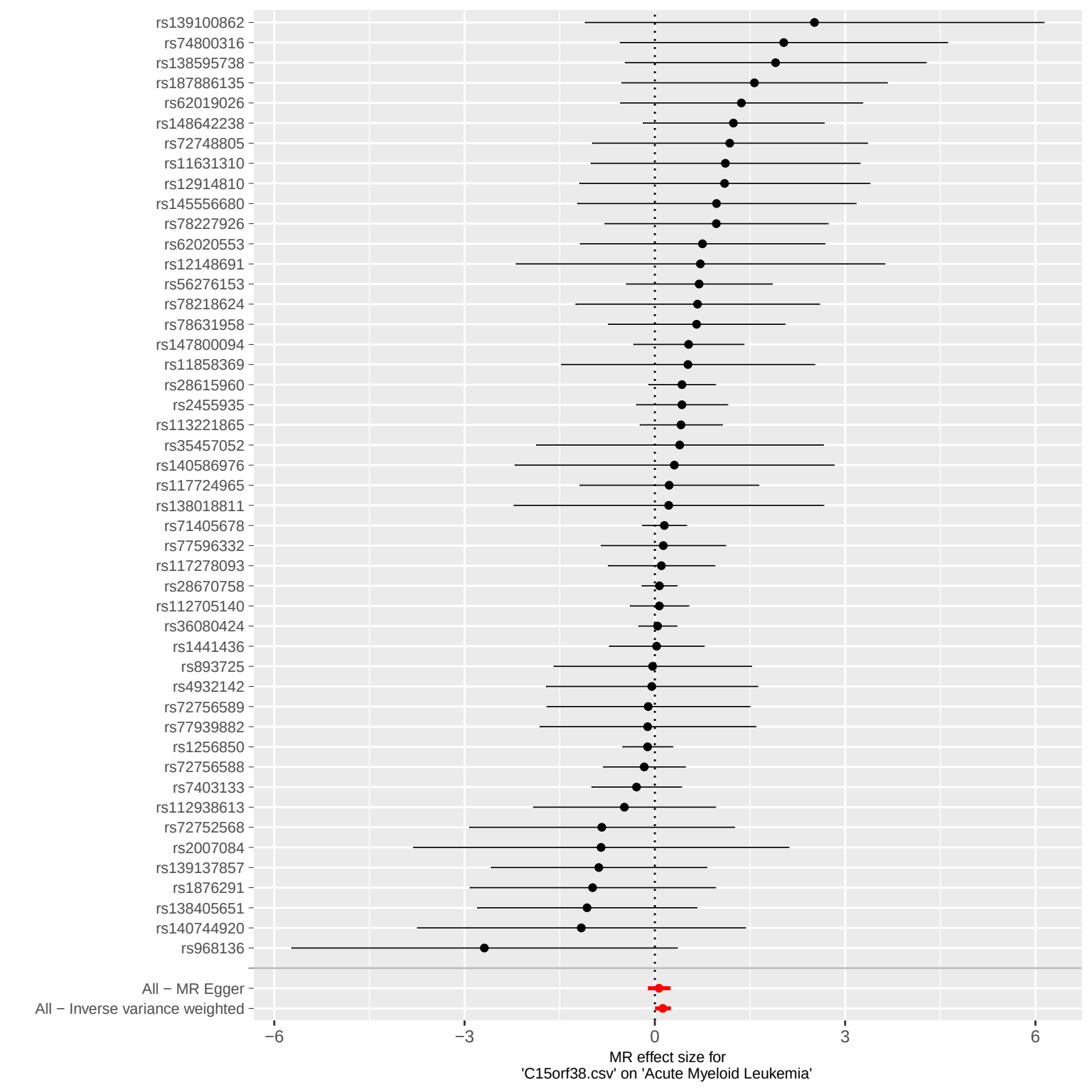
rs11846353
rs10142712
rs1551540
rs2809107
rs1478061
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C14orf64.csv' on 'Acute Myeloid Leukemia'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rs78218624
rs78631958
rs147800094
rs11858369
rs28615960
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rs7403133
rs112938613
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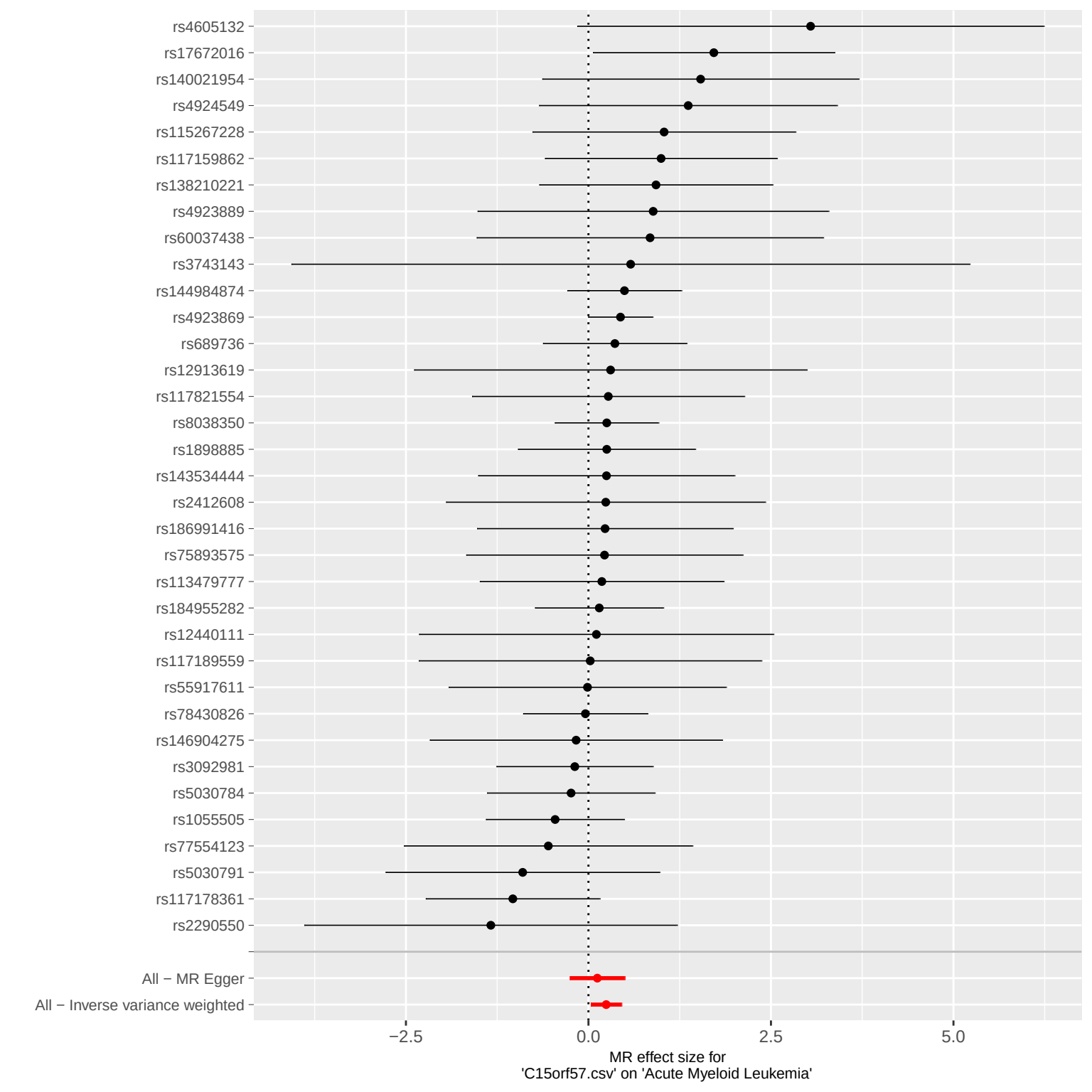
rs2007084
rs139137857
rs1876291
rs138405651
rs140744920
rs968136
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'C15orf38.csv' on 'Acute Myeloid Leukemia'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rs184955282
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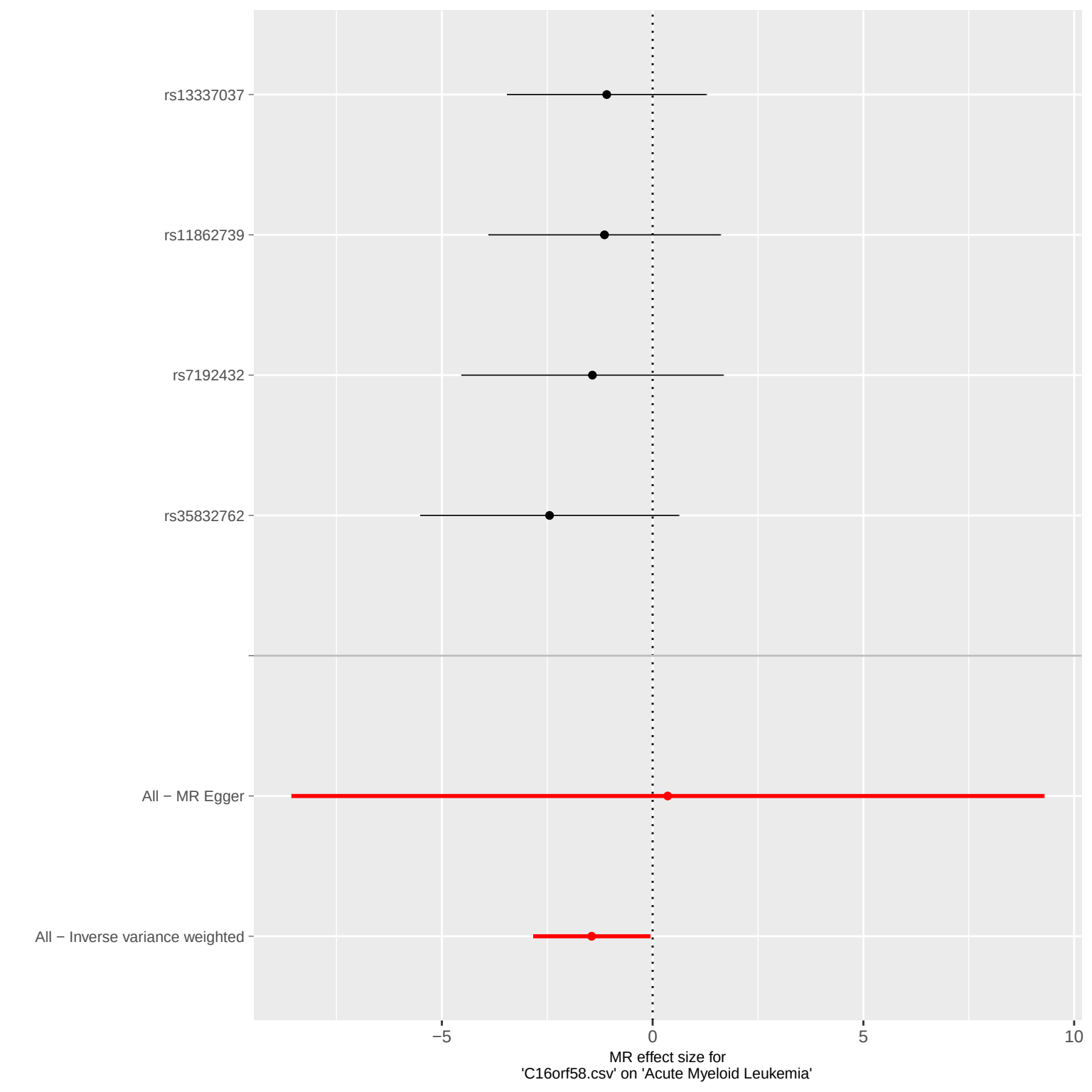
rs55917611
rs78430826
rs146904275
rs3092981
rs5030784
rs1055505
rs77554123
rs5030791
rs117178361
rs2290550
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'C15orf57.csv' on 'Acute Myeloid Leukemia'


rs13337037
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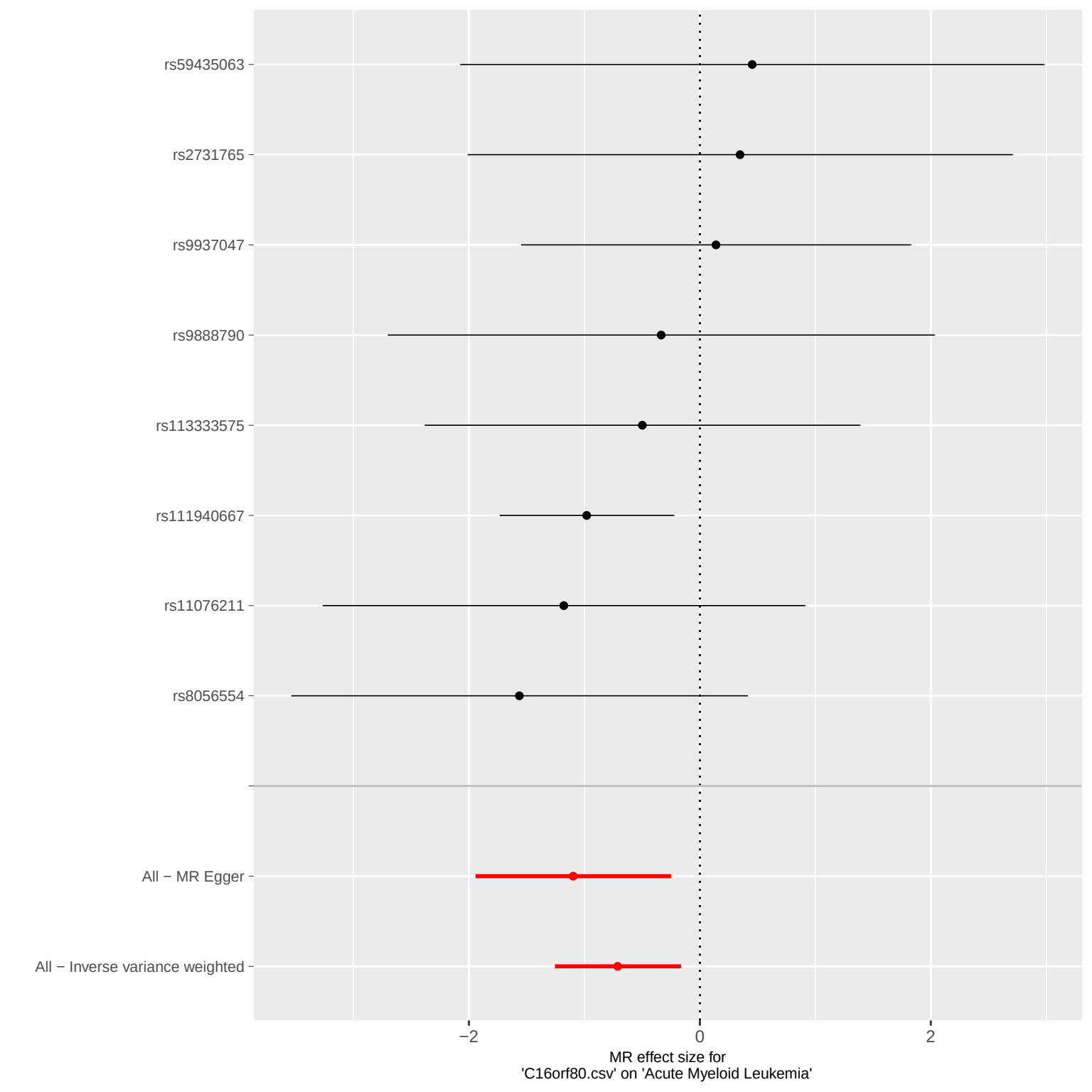
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'C16orf58.csv' on 'Acute Myeloid Leukemia'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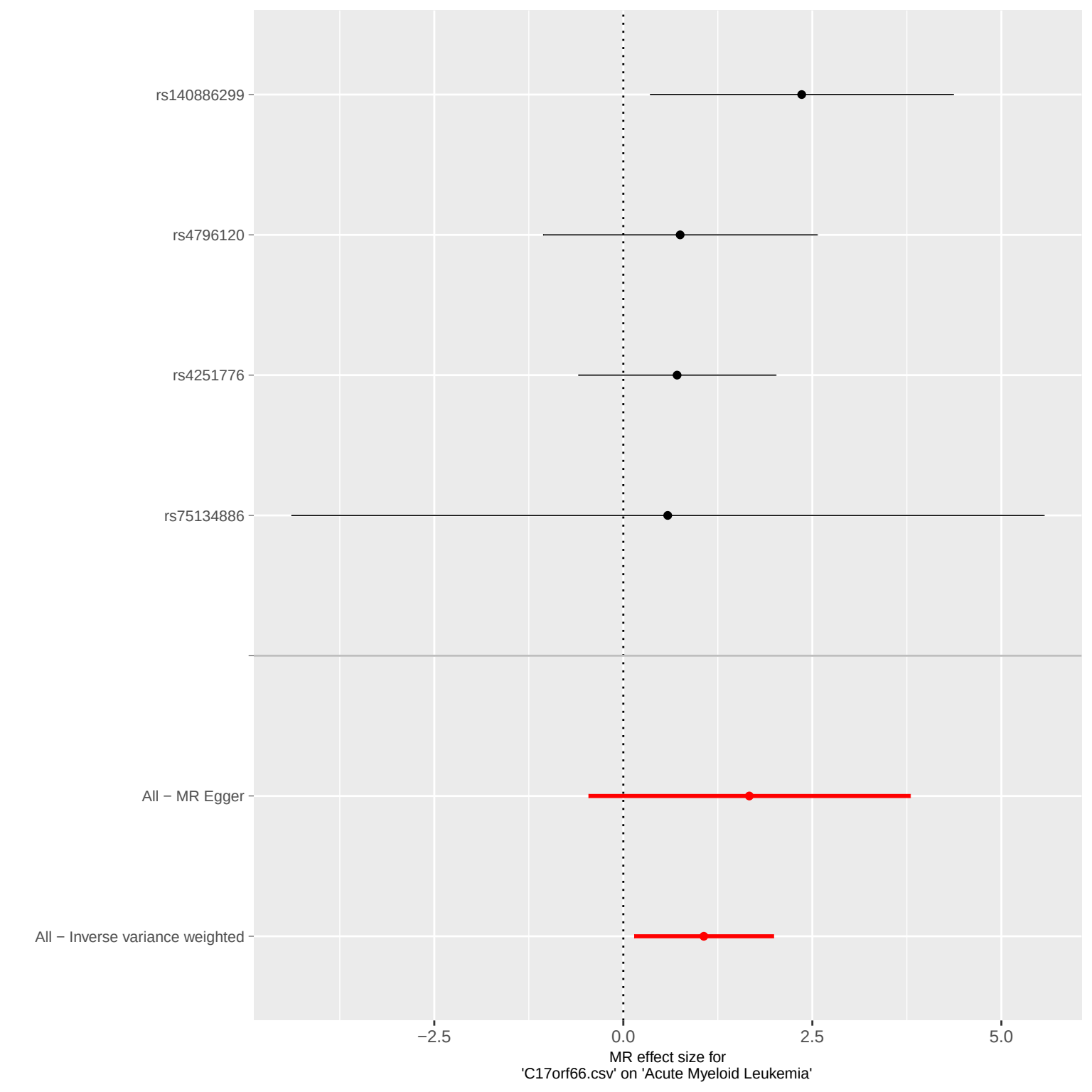
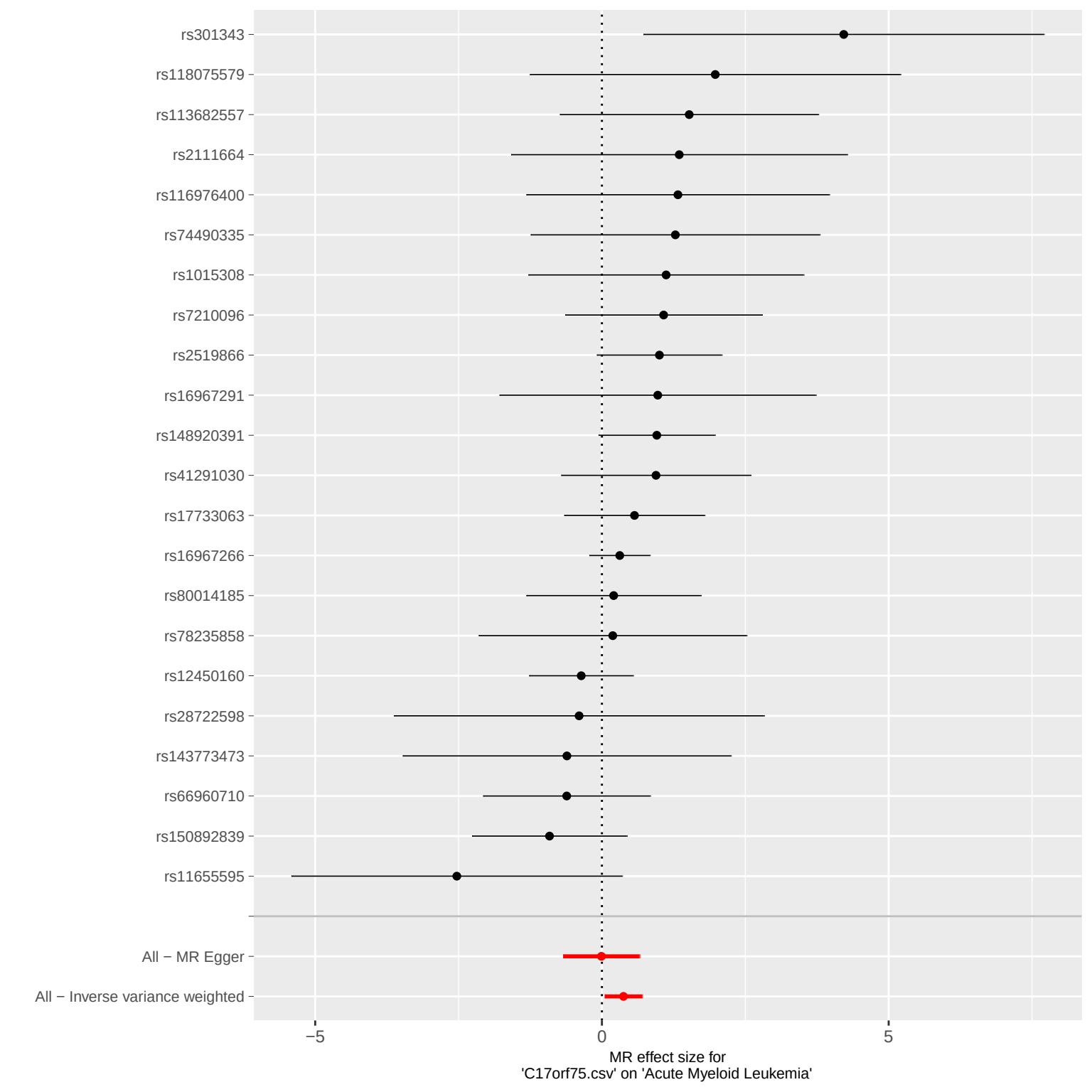
rs9937047
rs9888790
rs113333575
rs111940667
rs11076211
rs8056554
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'C16orf80.csv' on 'Acute Myeloid Leukemia'


rs140886299
rs4796120
rs4251776
rs75134886
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'C17orf66.csv' on 'Acute Myeloid Leukemia'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rs7210096
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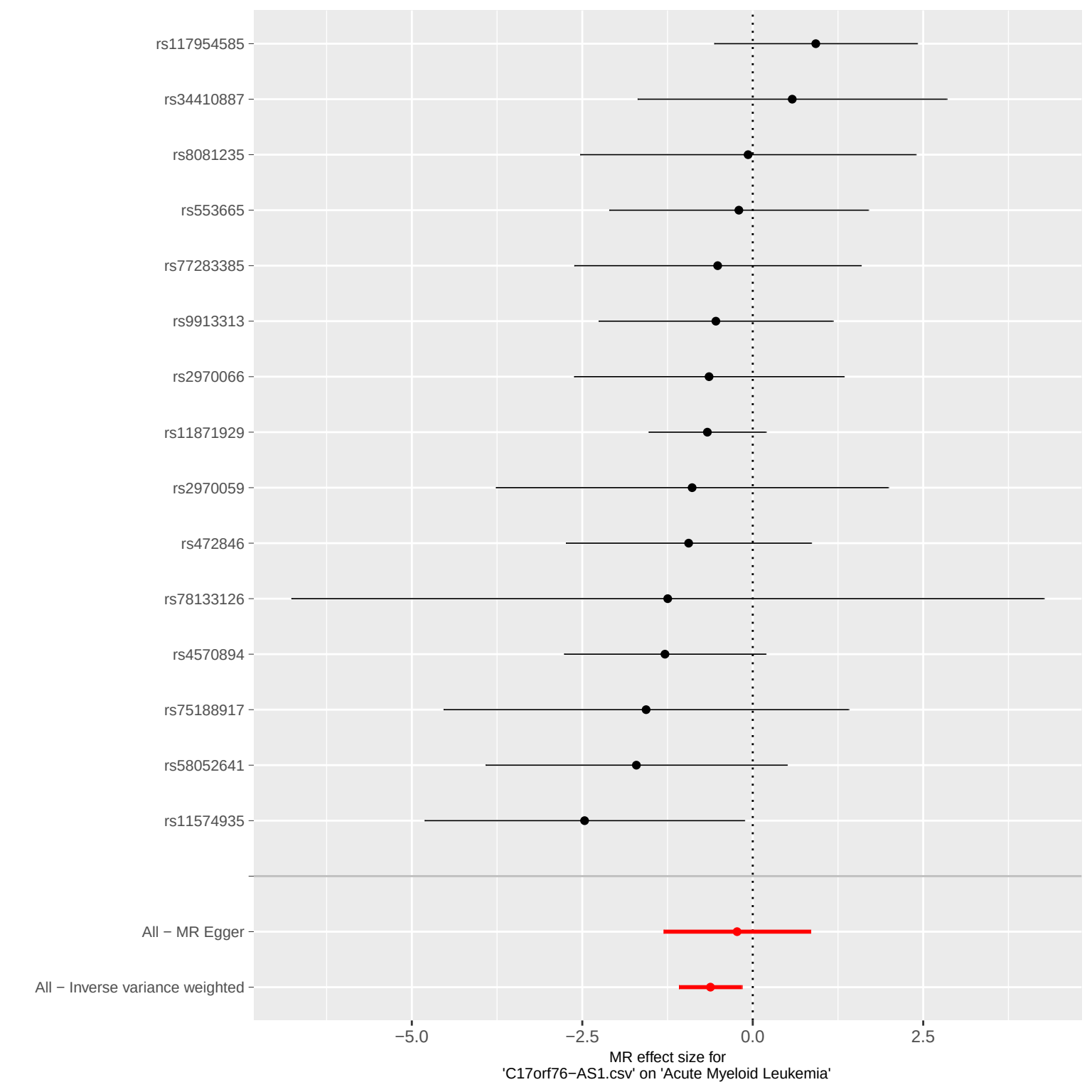
rs148920391
rs41291030
rs17733063
rs16967266
rs80014185
rs78235858
rs12450160
rs28722598
rs143773473
rs66960710
rs150892839
rs11655595
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'C17orf75.csv' on 'Acute Myeloid Leukemia'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rs9913313
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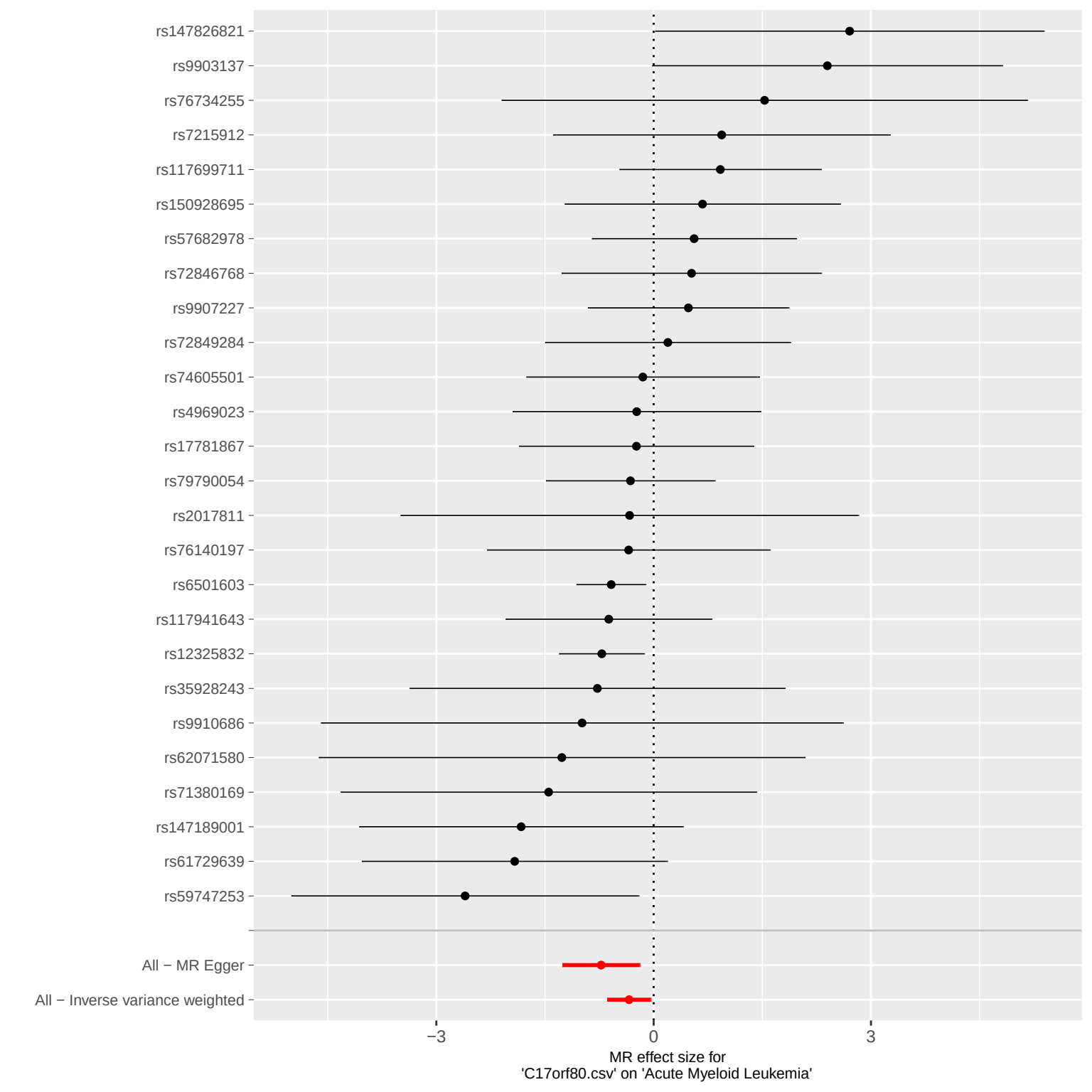
rs78133126
rs4570894
rs75188917
rs58052641
rs11574935
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C17orf76−AS1.csv' on 'Acute Myeloid Leukemia'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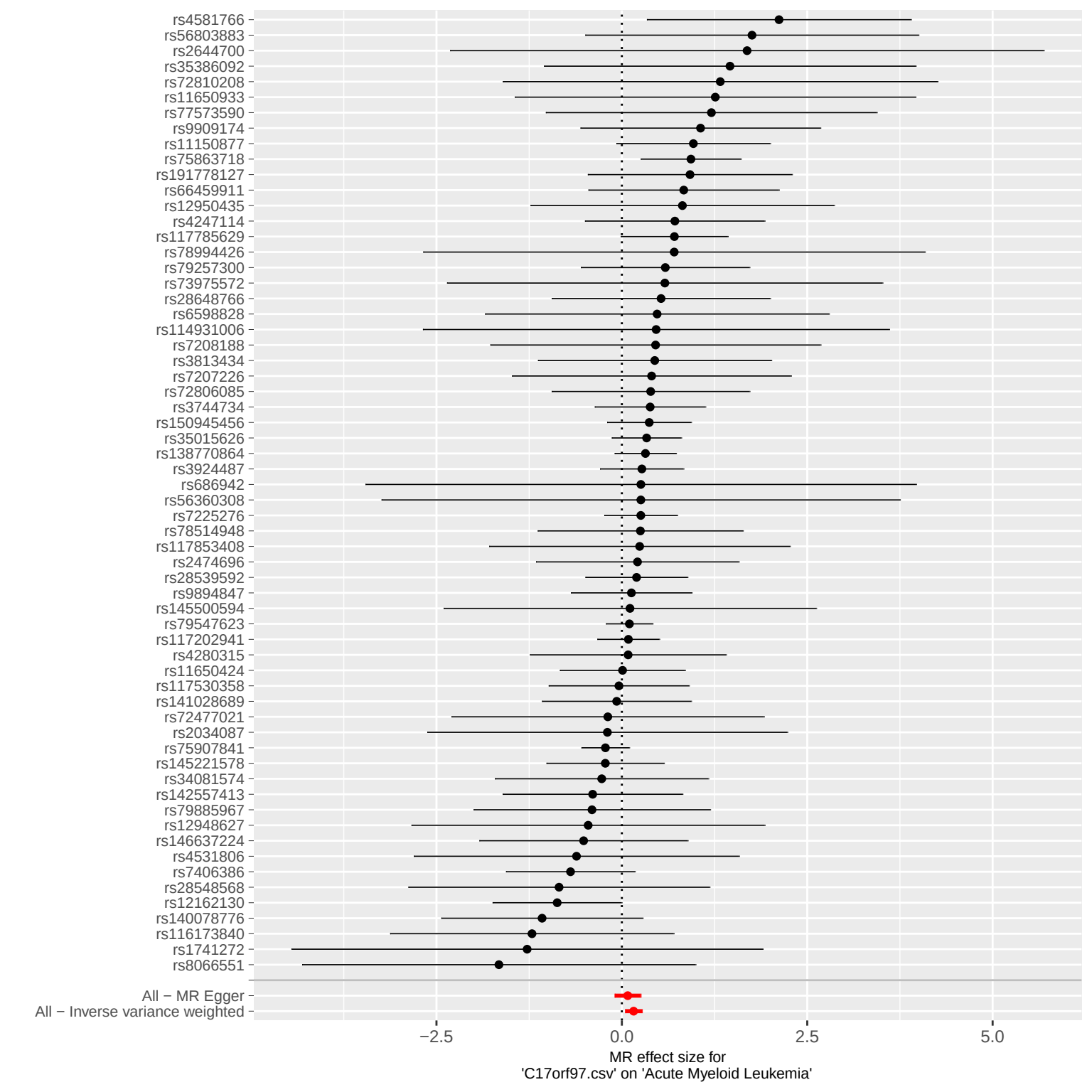
rs62071580
rs71380169
rs147189001
rs61729639
rs59747253
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'C17orf80.csv' on 'Acute Myeloid Leukemia'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rs114931006
rs7208188
rs3813434
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rs72806085
rs3744734
rs150945456
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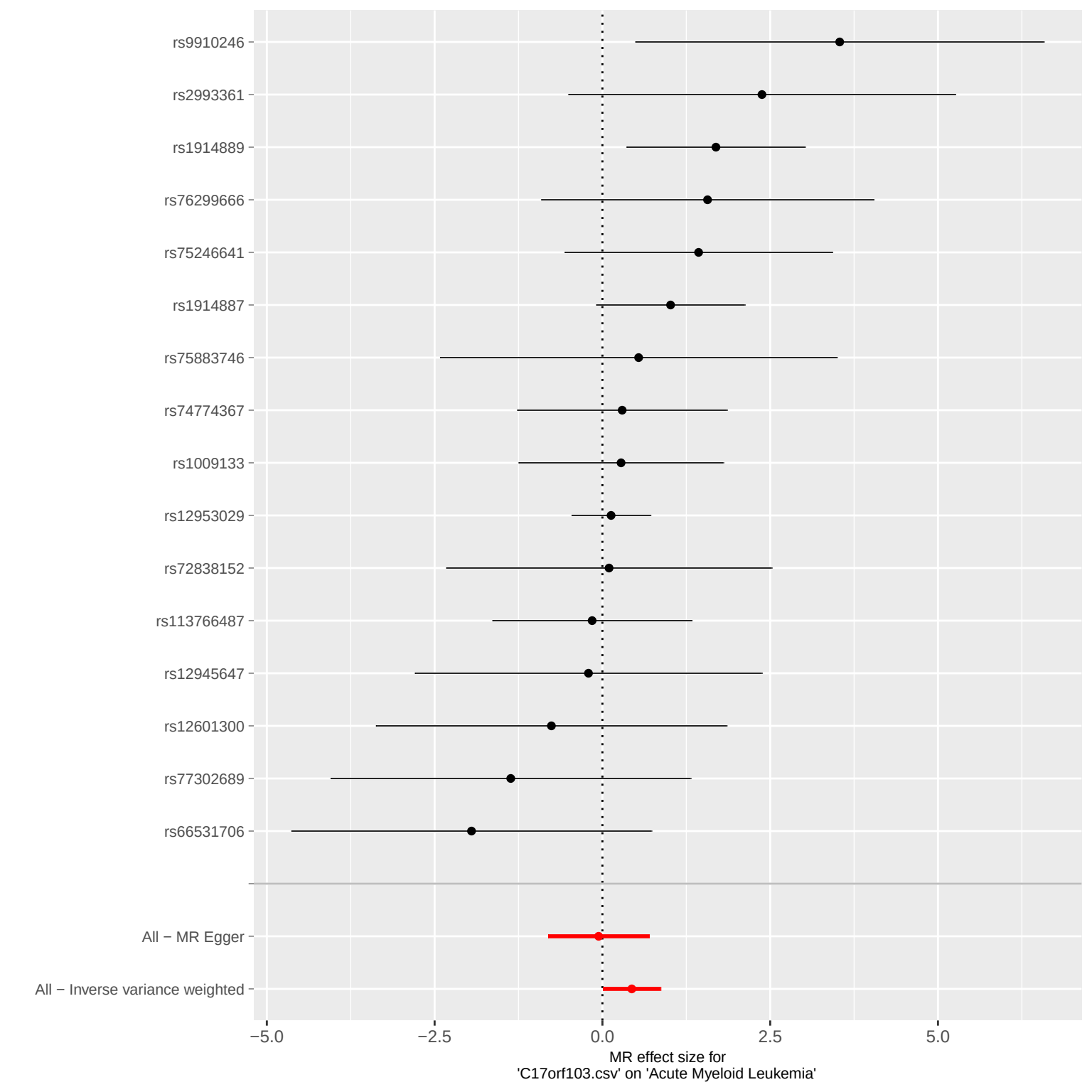
rs142557413
rs79885967
rs12948627
rs146637224
rs4531806
rs7406386
rs28548568
rs12162130
rs140078776
rs116173840
rs1741272
rs8066551
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'C17orf97.csv' on 'Acute Myeloid Leukemia'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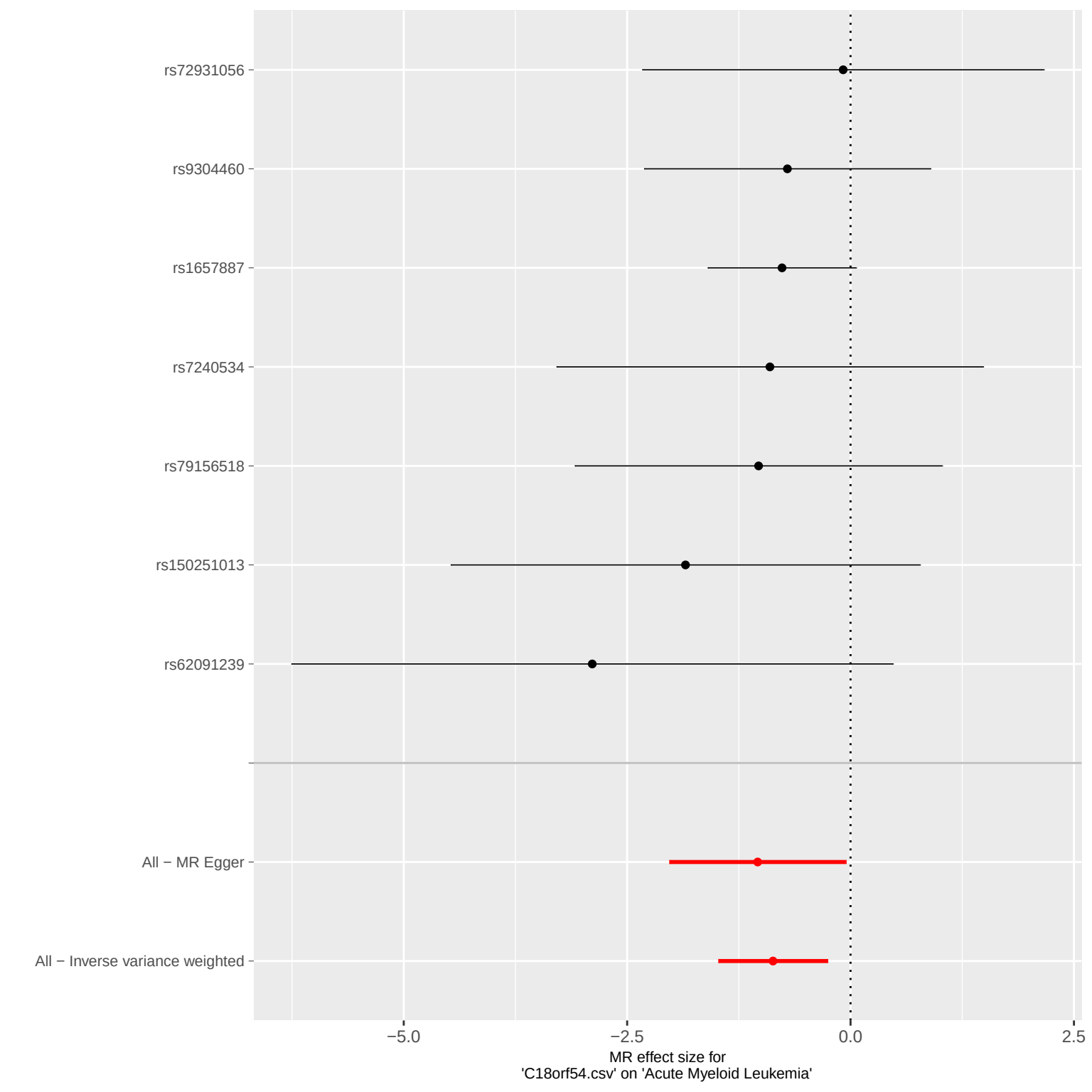
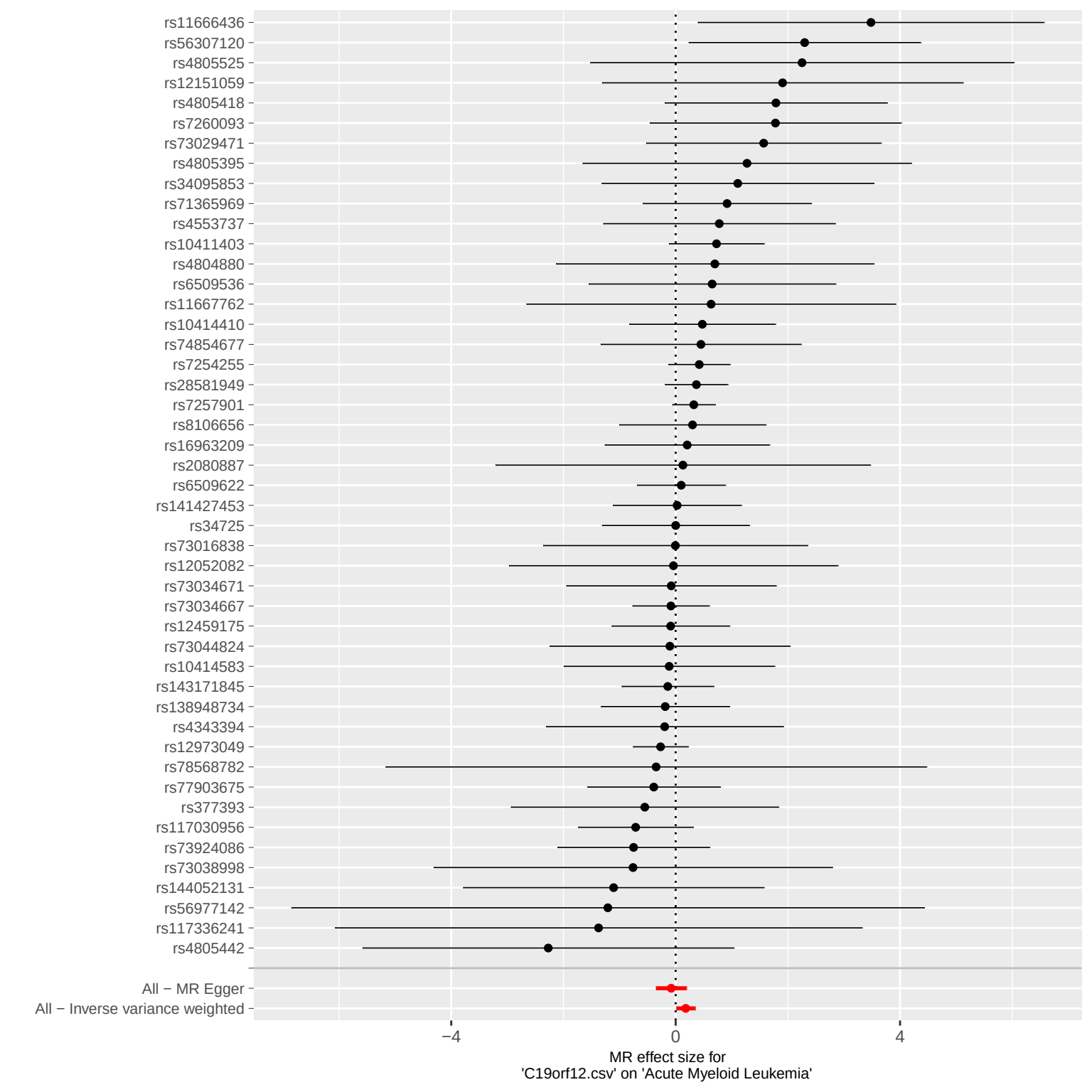
rs1914887
rs75883746
rs74774367
rs1009133
rs12953029
rs72838152
rs113766487
rs12945647
rs12601300
rs77302689
rs66531706
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'C17orf103.csv' on 'Acute Myeloid Leukemia'


rs72931056
rs9304460
rs1657887
rs7240534
rs79156518
rs150251013
rs62091239
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C18orf54.csv' on 'Acute Myeloid Leukemia'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rs10411403
rs4804880
rs6509536
rs11667762
rs10414410
rs74854677
rs7254255
rs28581949
rs7257901
rs8106656
rs16963209
rs2080887
rs6509622
rs141427453
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rs73016838
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rs143171845
rs138948734
rs4343394
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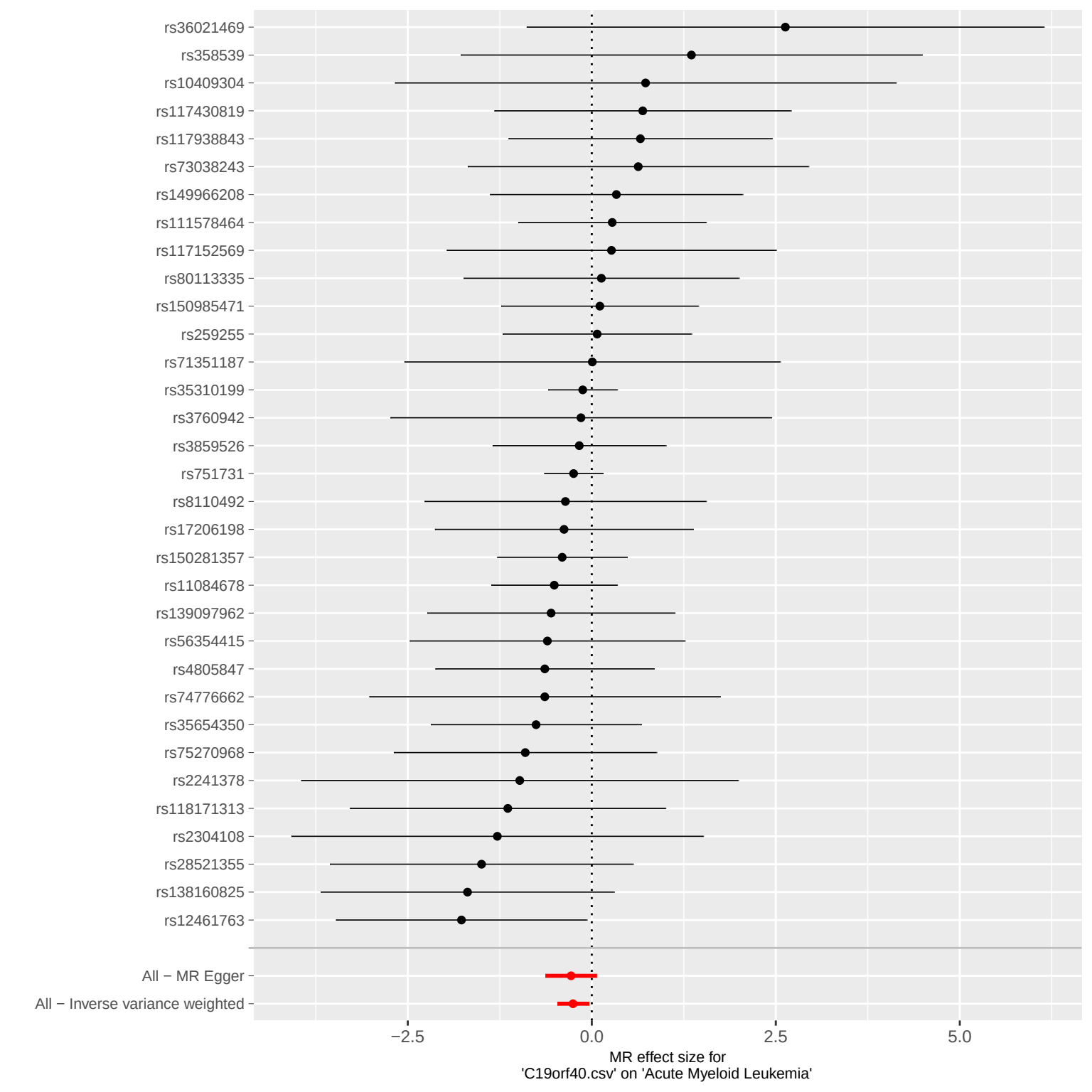
rs377393
rs117030956
rs73924086
rs73038998
rs144052131
rs56977142
rs117336241
rs4805442
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'C19orf12.csv' on 'Acute Myeloid Leukemia'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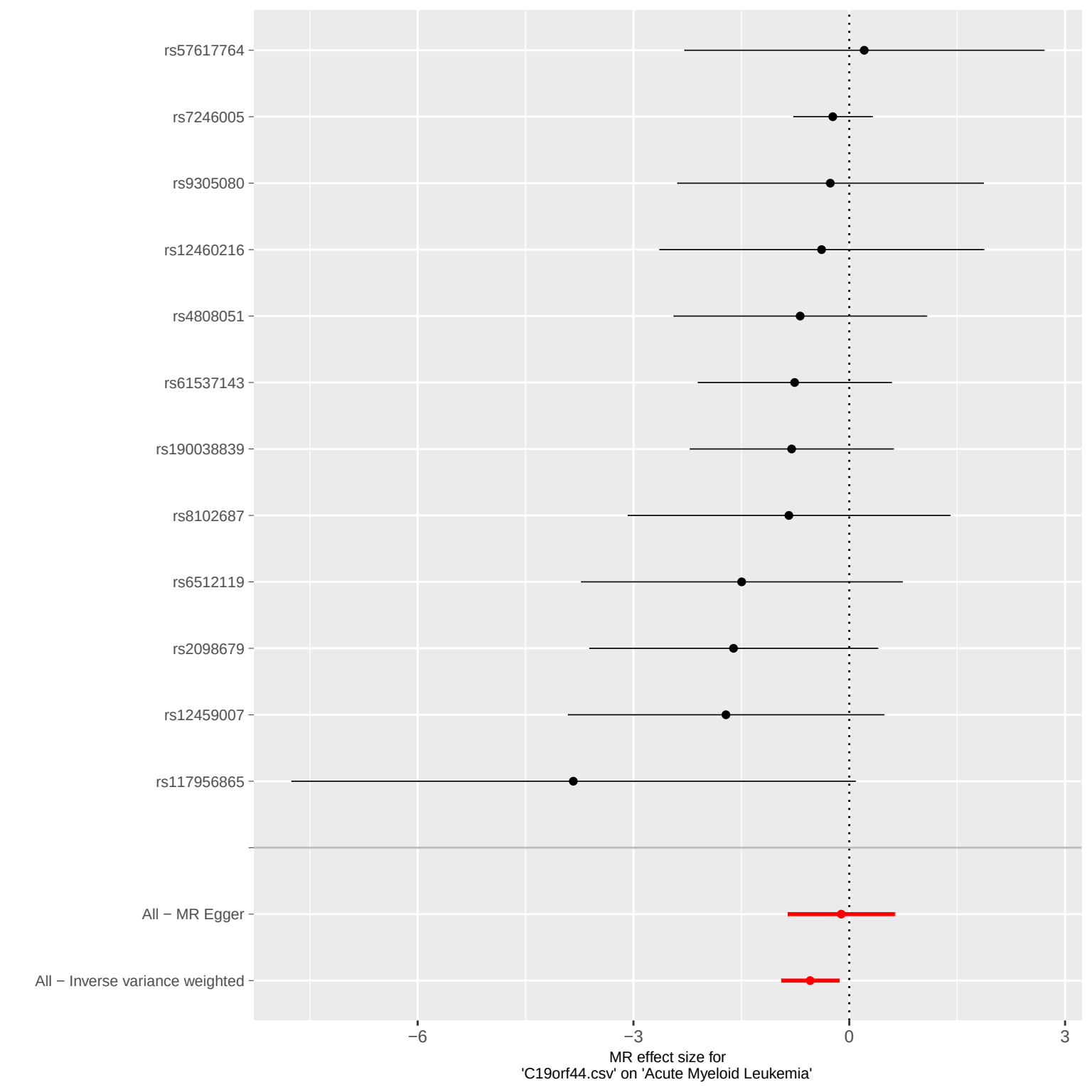
rs150985471
rs259255
rs71351187
rs35310199
rs3760942
rs3859526
rs751731
rs8110492
rs17206198
rs150281357
rs11084678
rs139097962
rs56354415
rs4805847
rs74776662
rs35654350
rs75270968
rs2241378
rs118171313
rs2304108
rs28521355
rs138160825
rs12461763
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'C19orf40.csv' on 'Acute Myeloid Leukemia'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rs12460216
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rs190038839
rs8102687
rs6512119
rs2098679
rs12459007
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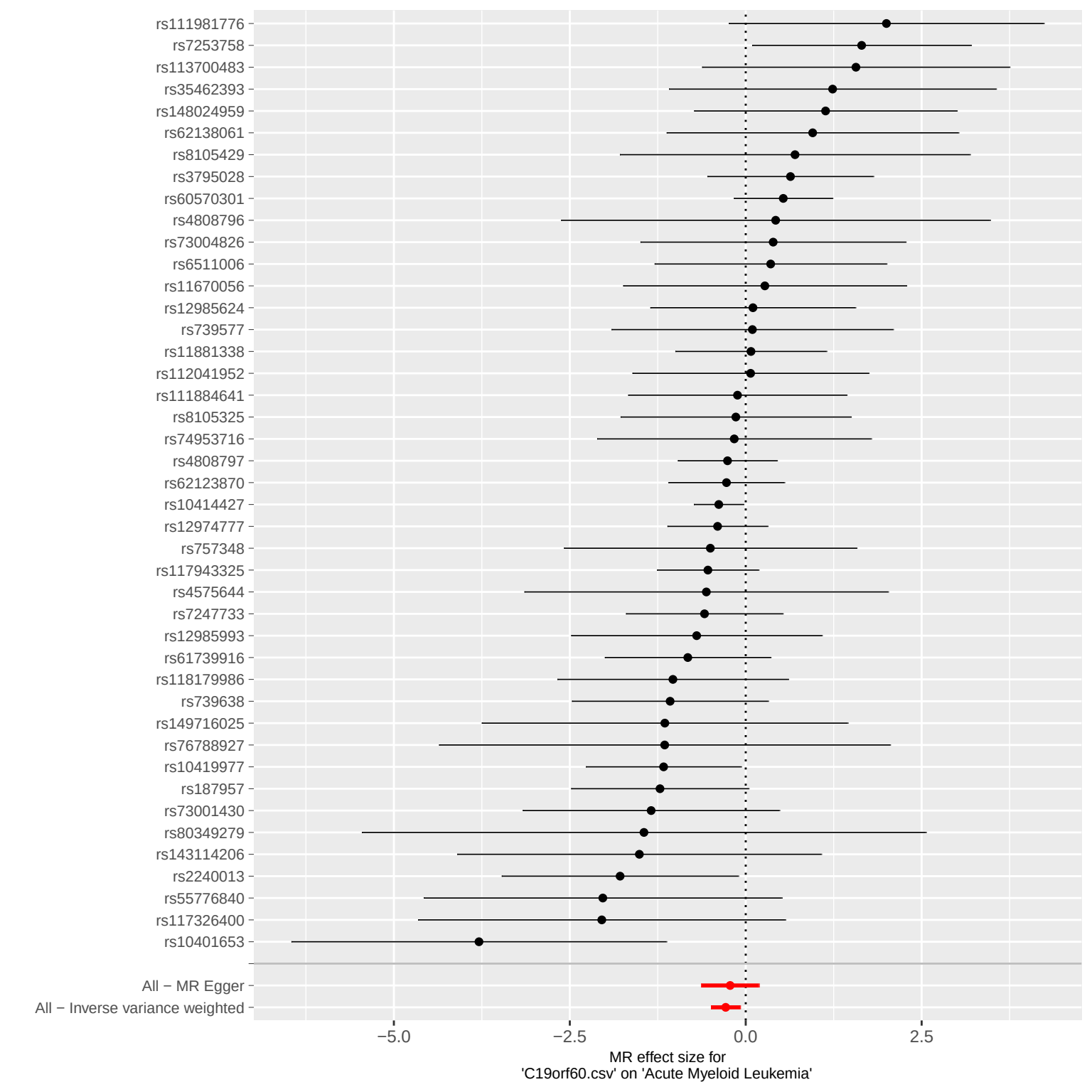
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'C19orf44.csv' on 'Acute Myeloid Leukemia'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rs12985993
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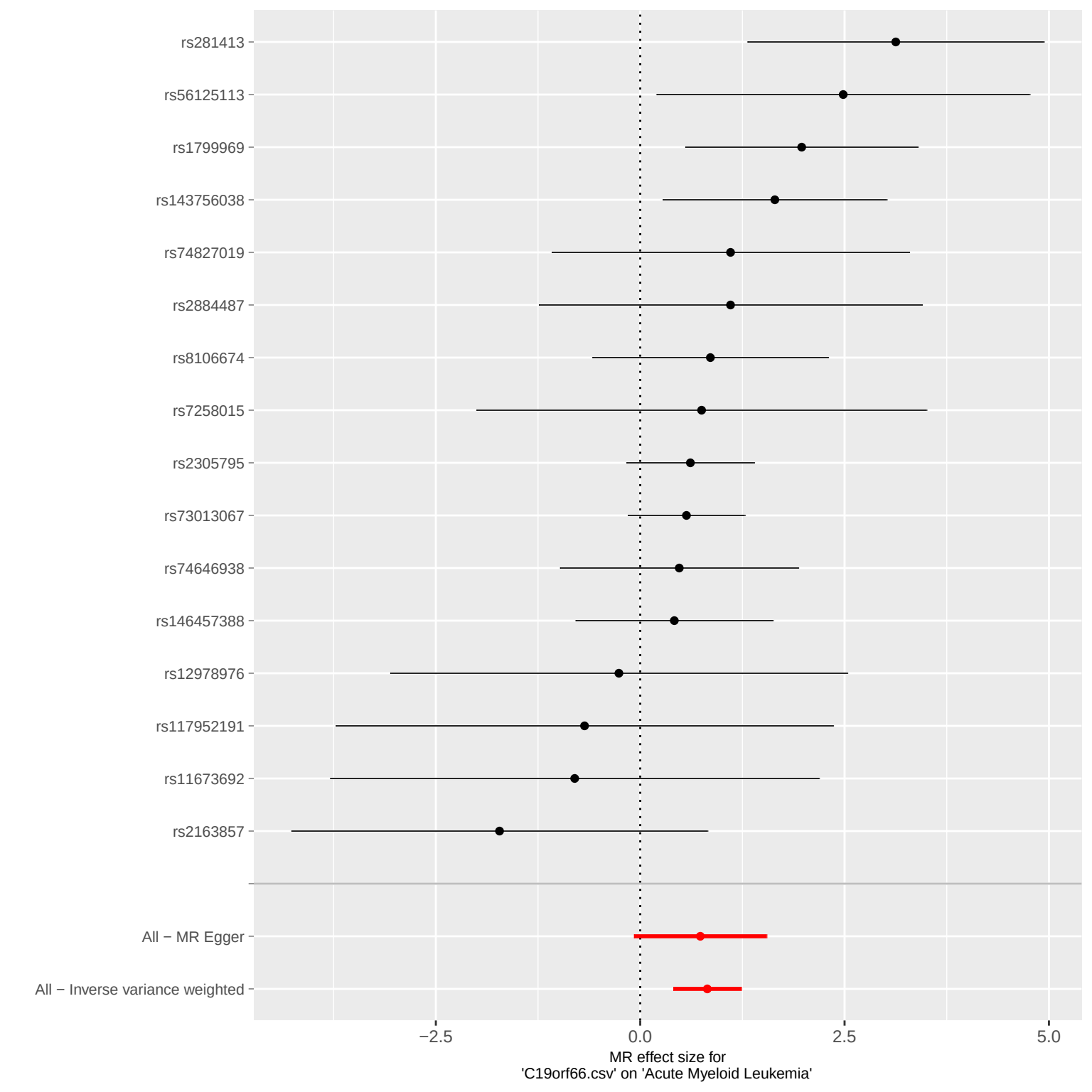
rs739638
rs149716025
rs76788927
rs10419977
rs187957
rs73001430
rs80349279
rs143114206
rs2240013
rs55776840
rs117326400
rs10401653
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C19orf60.csv' on 'Acute Myeloid Leukemia'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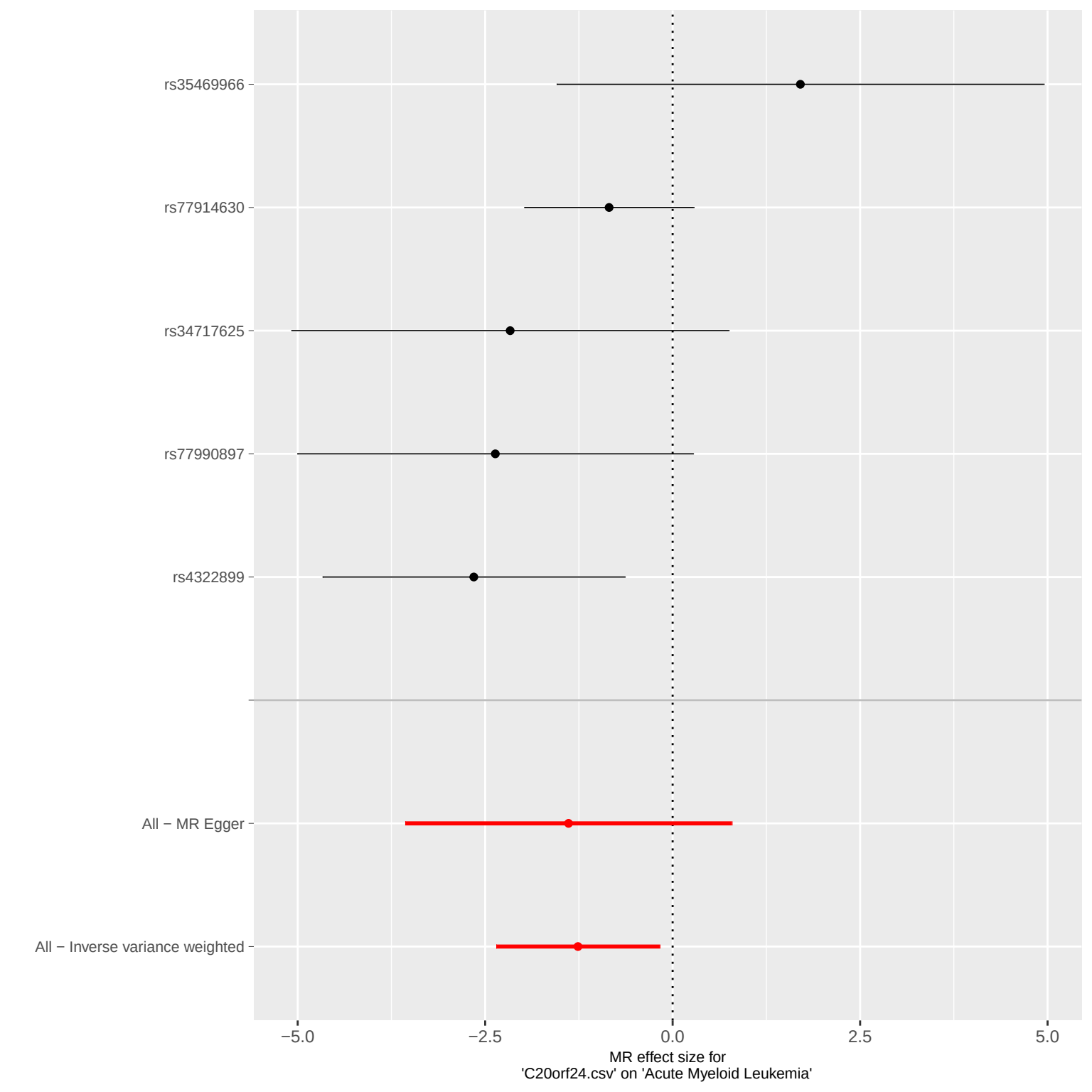
rs146457388
rs12978976
rs117952191
rs11673692
rs2163857
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'C19orf66.csv' on 'Acute Myeloid Leukemia'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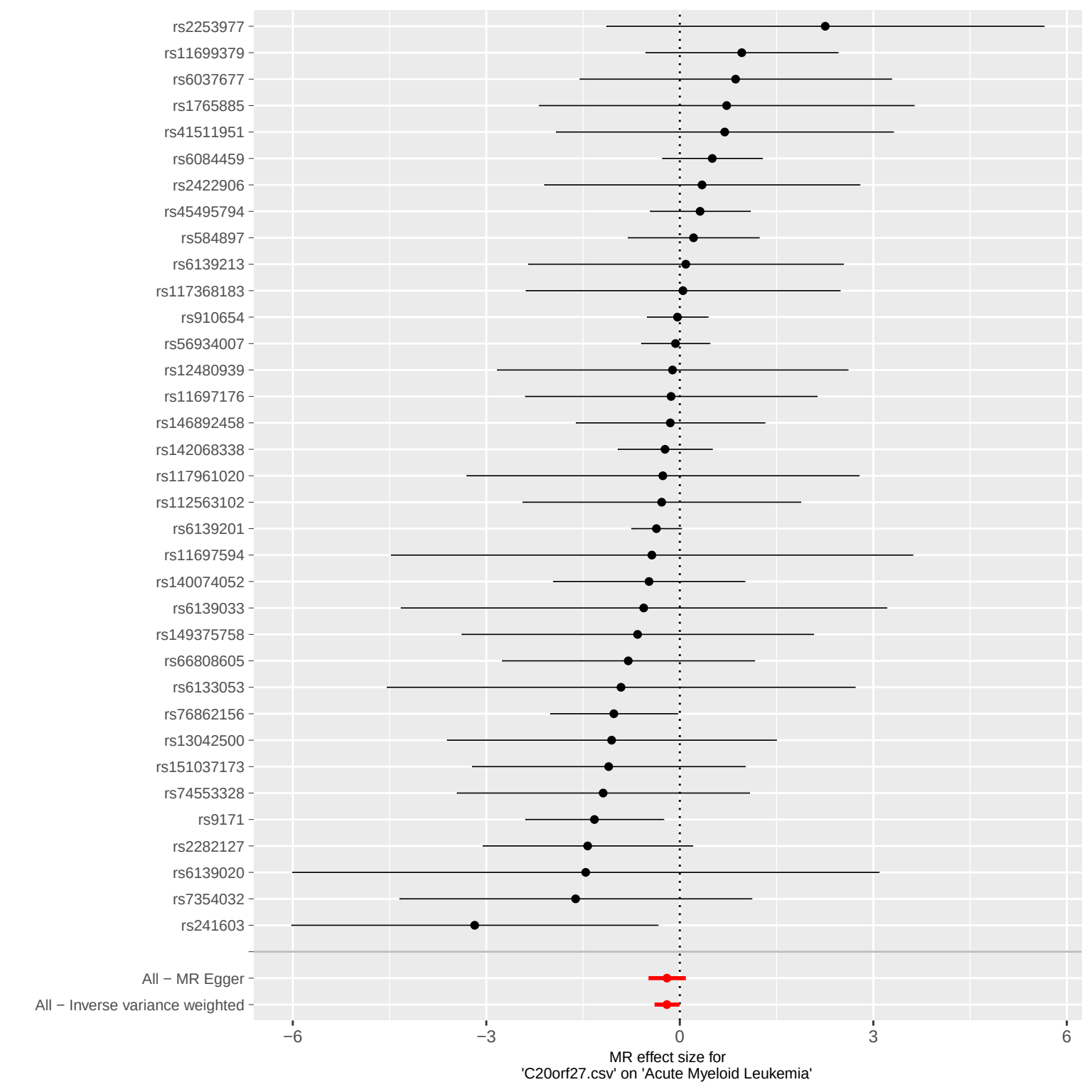
rs77914630
rs34717625
rs77990897
rs4322899
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'C20orf24.csv' on 'Acute Myeloid Leukemia'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rs149375758
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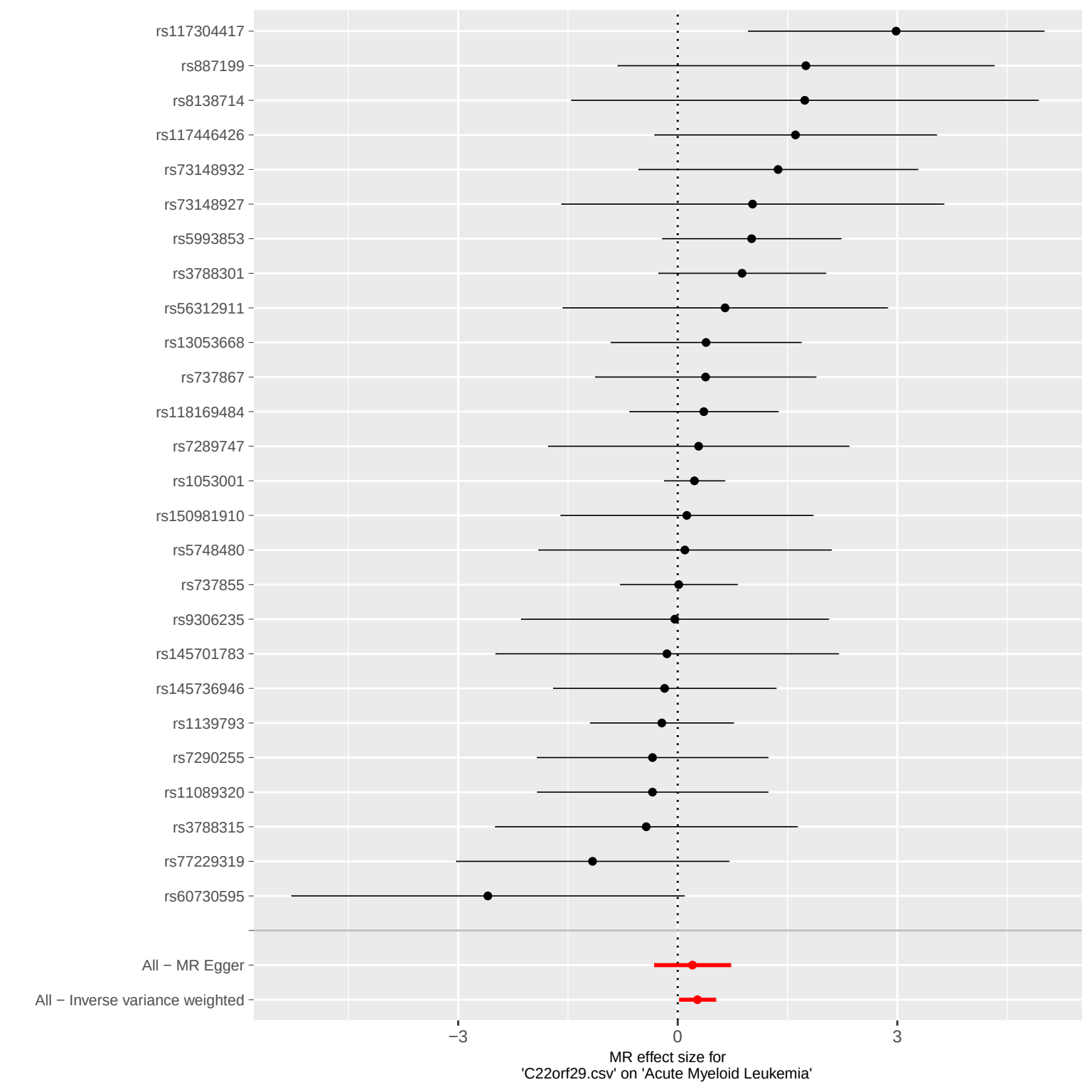
rs6133053
rs76862156
rs13042500
rs151037173
rs74553328
rs9171
rs2282127
rs6139020
rs7354032
rs241603
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'C20orf27.csv' on 'Acute Myeloid Leukemia'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rs9306235
rs145701783
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rs1139793
rs7290255
rs11089320
rs3788315
rs77229319
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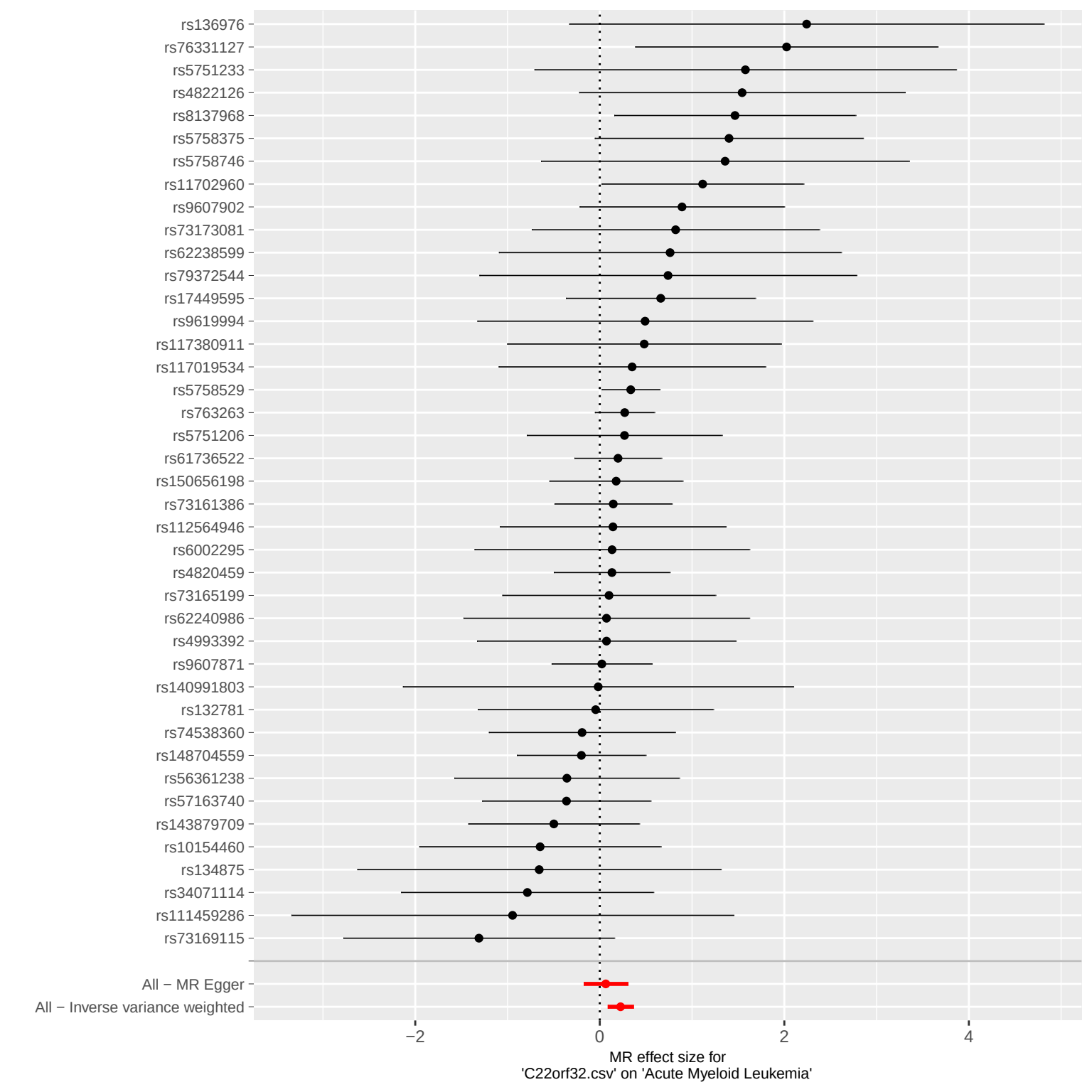
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'C22orf29.csv' on 'Acute Myeloid Leukemia'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rs34071114
rs111459286
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All − MR Egger
All − Inverse variance weighted
−2
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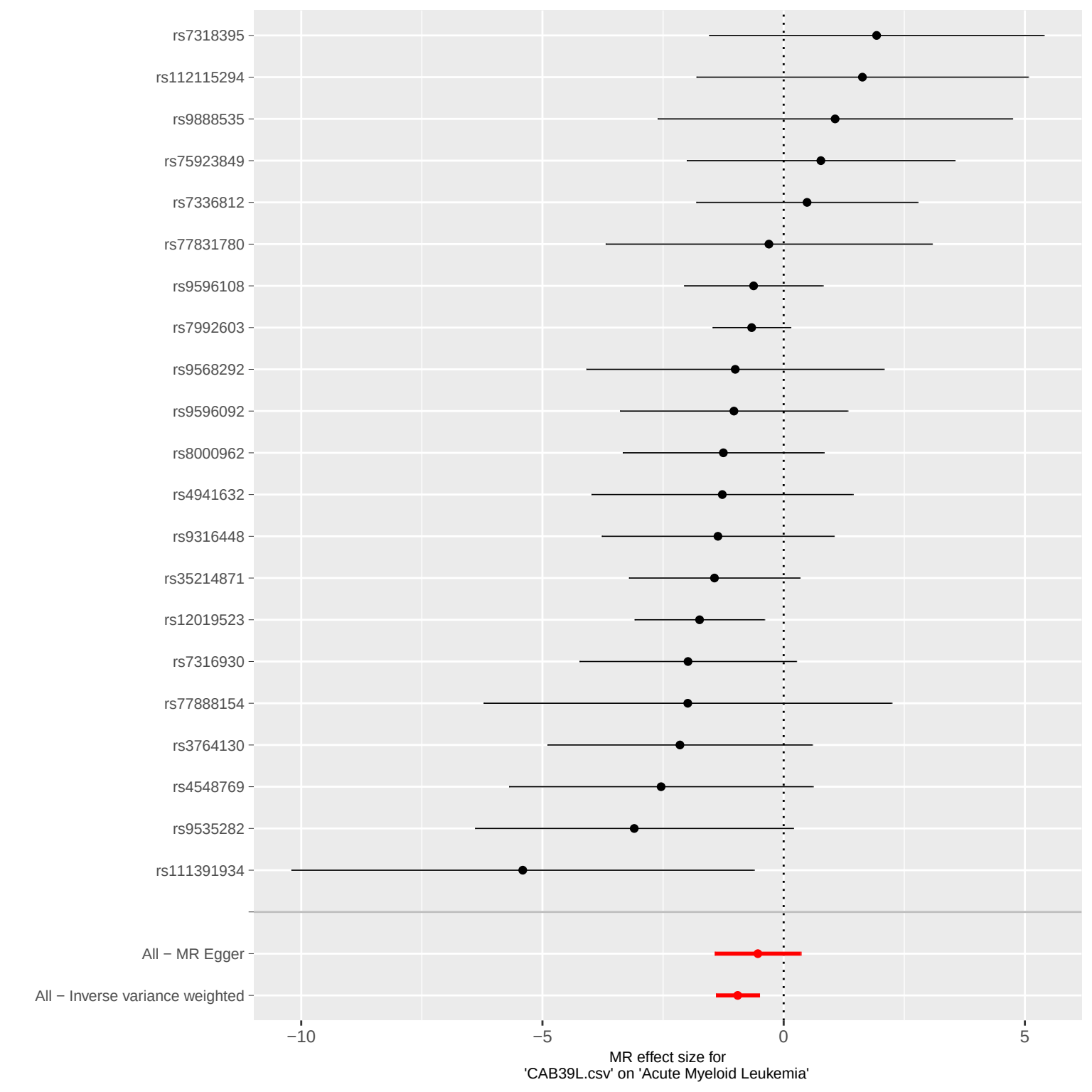
2
4
MR effect size for
'C22orf32.csv' on 'Acute Myeloid Leukemia'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rs4941632
rs9316448
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rs7316930
rs77888154
rs3764130
rs4548769
rs9535282
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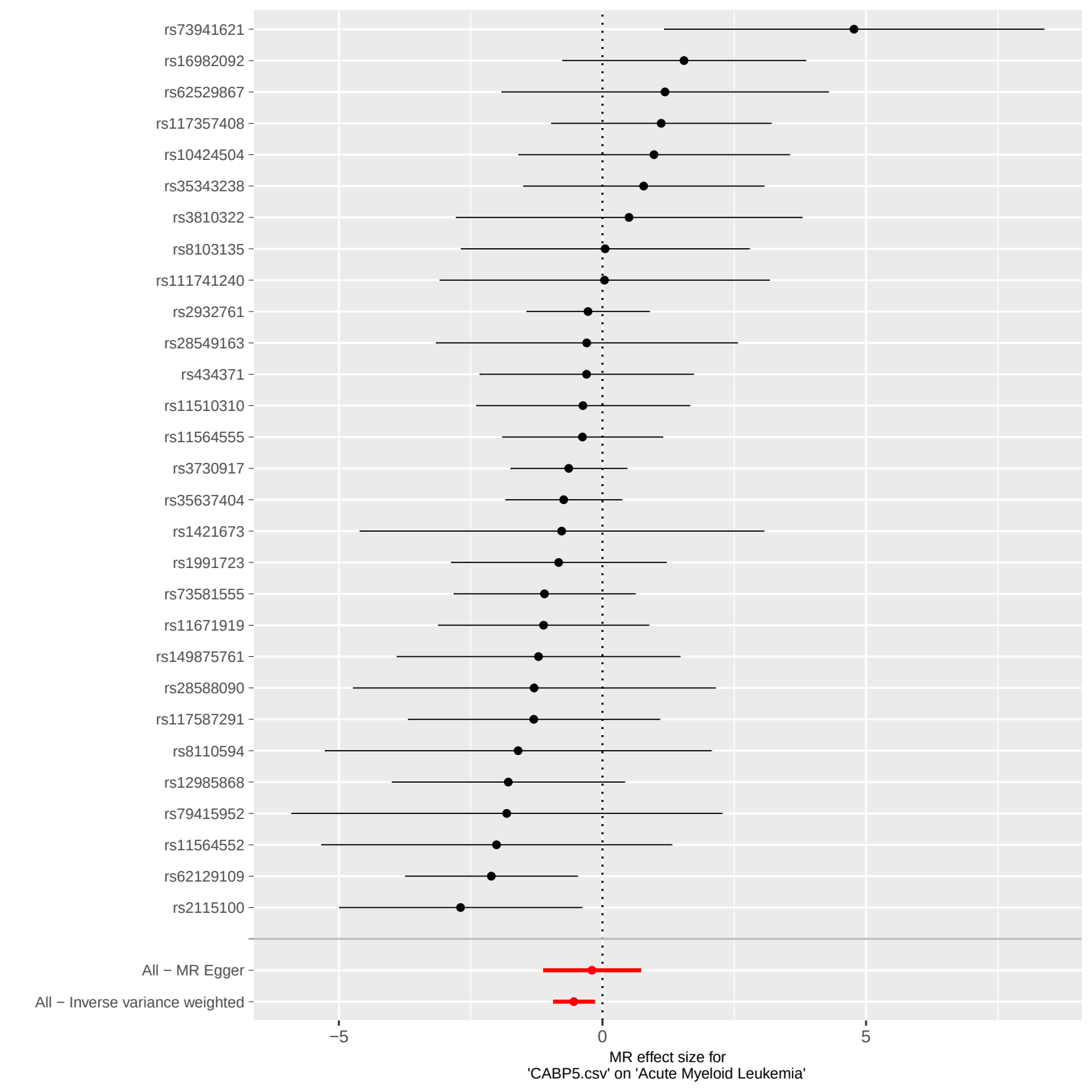
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CAB39L.csv' on 'Acute Myeloid Leukemia'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rs117587291
rs8110594
rs12985868
rs79415952
rs11564552
rs62129109
rs2115100
All − MR Egger
All − Inverse variance weighted
−5
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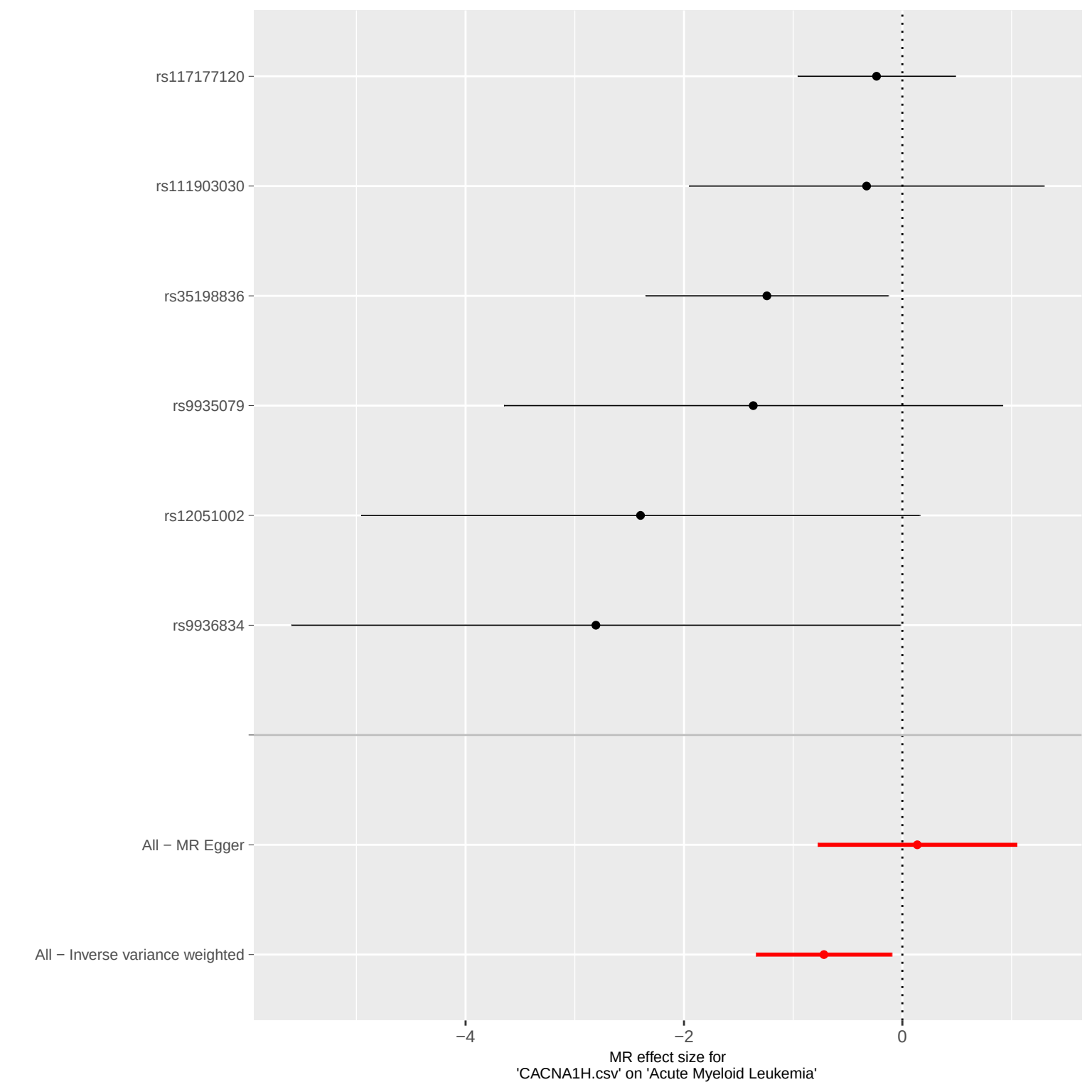
5
MR effect size for
'CABP5.csv' on 'Acute Myeloid Leukemia'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rs35198836
rs9935079
rs12051002
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All − MR Egger
All − Inverse variance weighted
−4
−2
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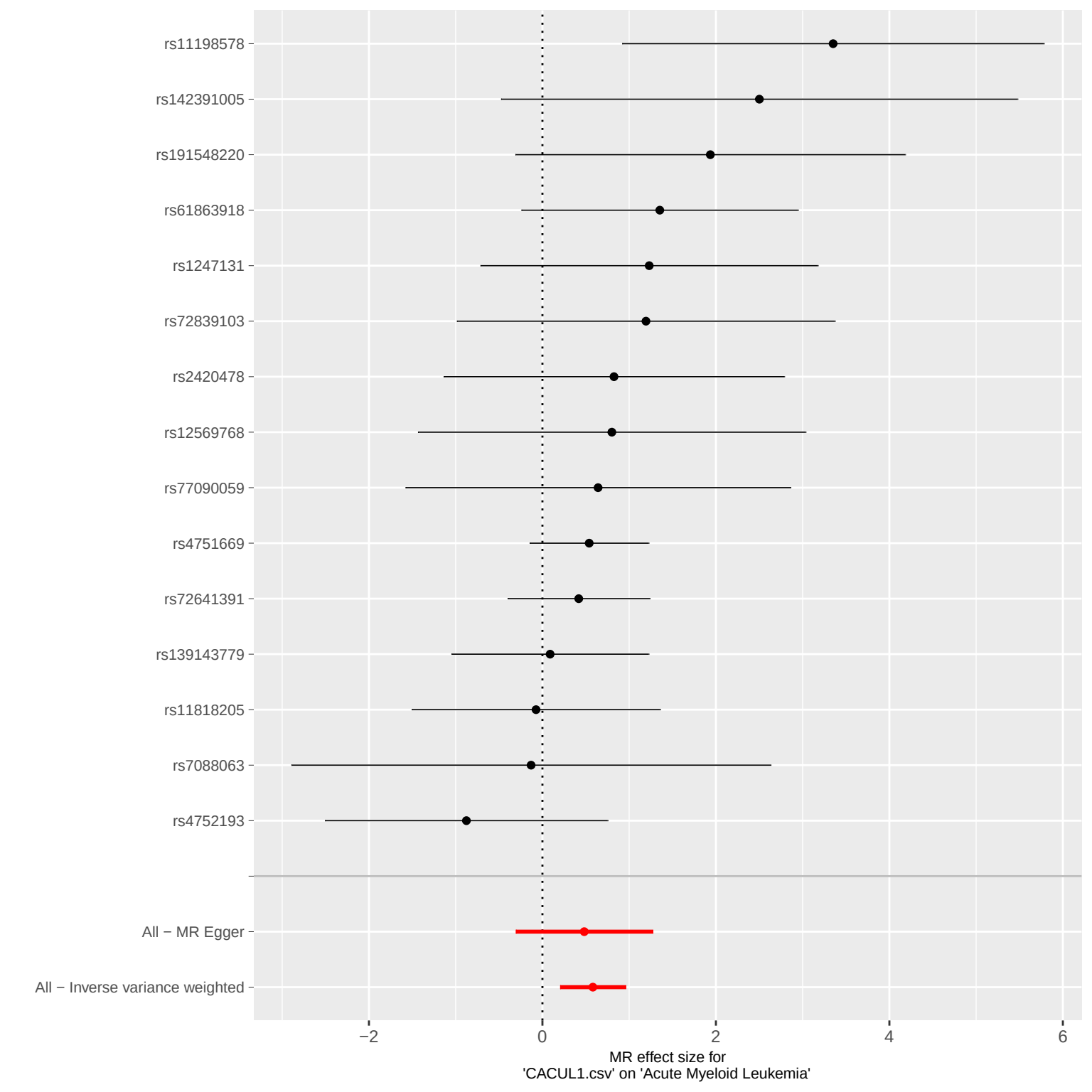
MR effect size for
'CACNA1H.csv' on 'Acute Myeloid Leukemia'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rs12569768
rs77090059
rs4751669
rs72641391
rs139143779
rs11818205
rs7088063
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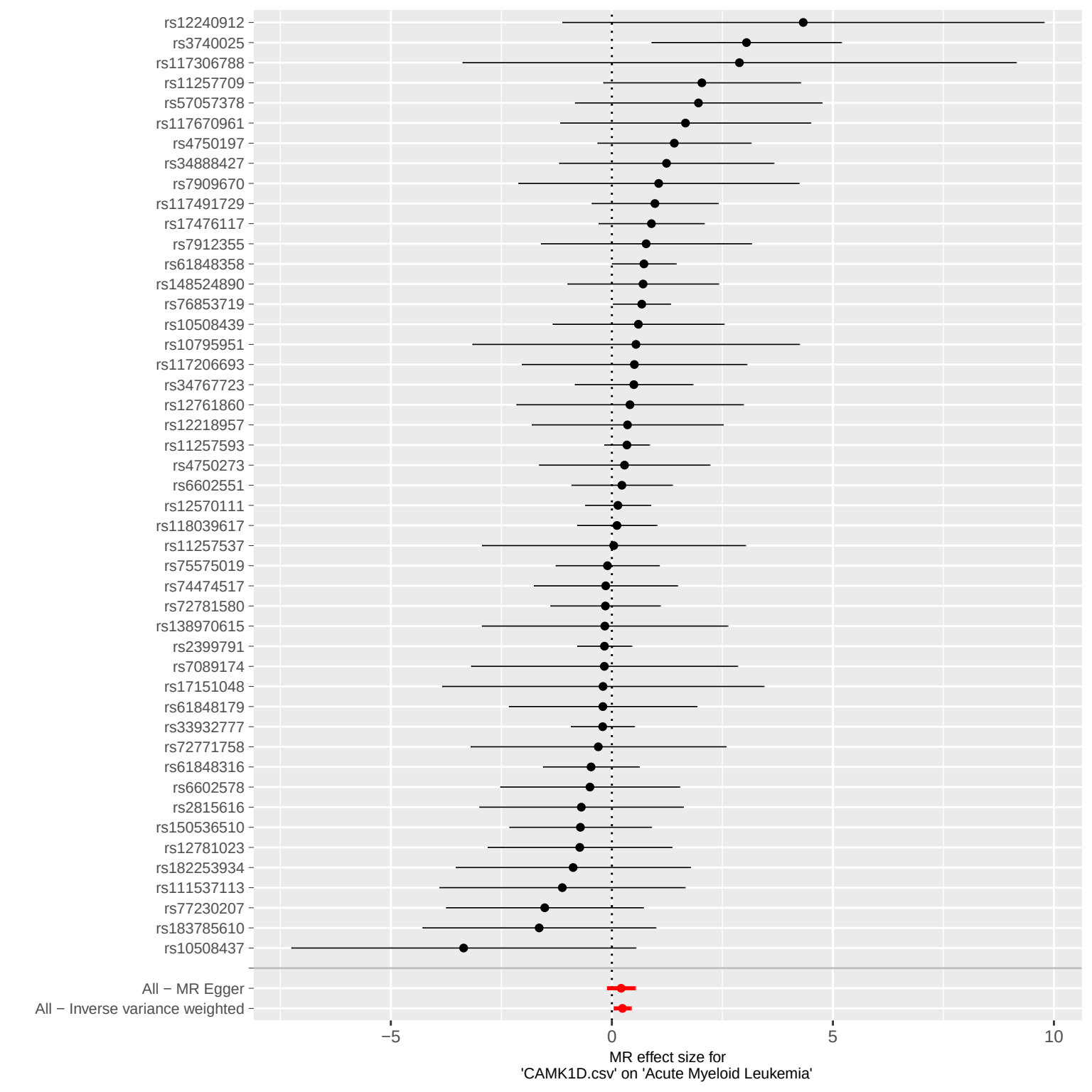
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'CACUL1.csv' on 'Acute Myeloid Leukemia'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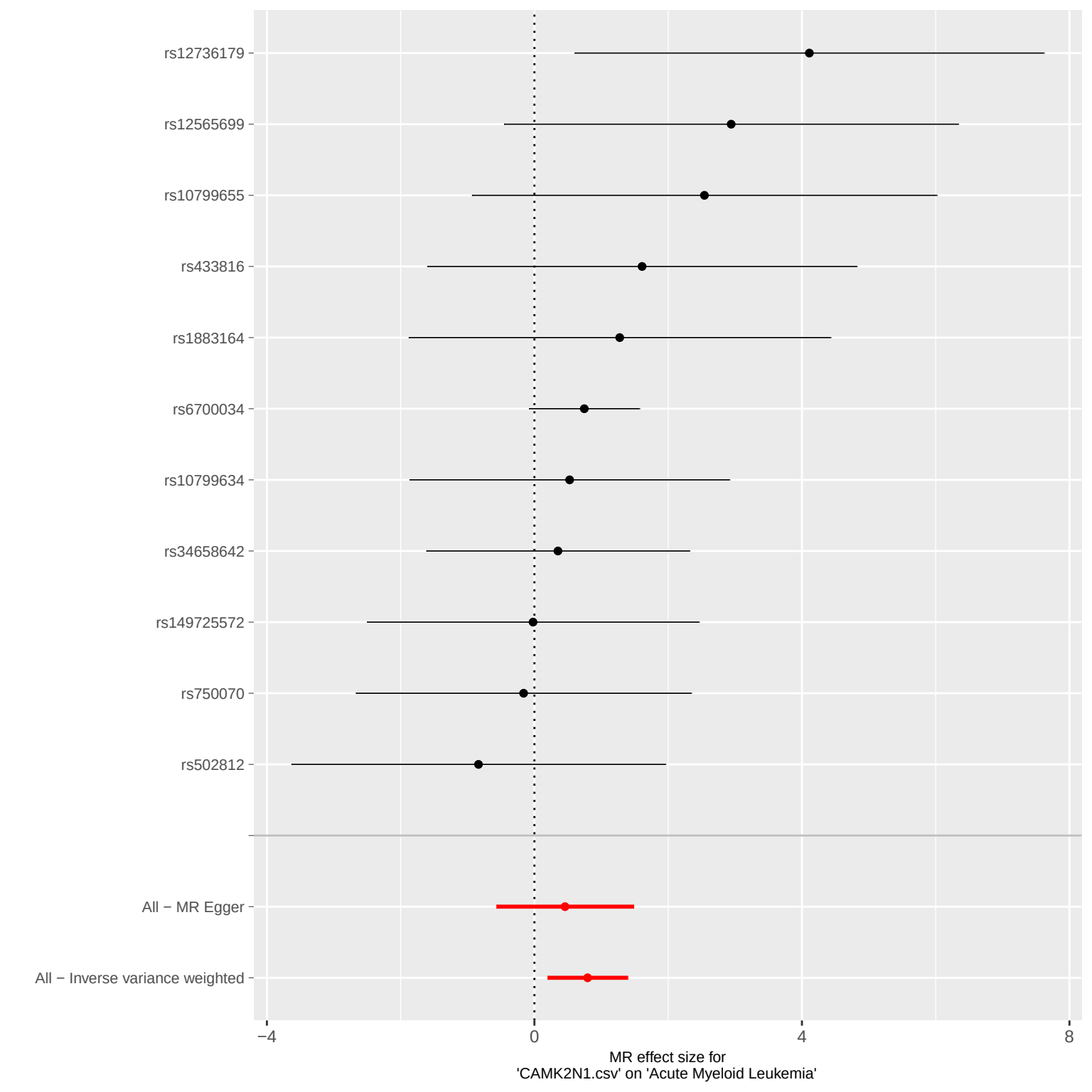
rs6602578
rs2815616
rs150536510
rs12781023
rs182253934
rs111537113
rs77230207
rs183785610
rs10508437
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'CAMK1D.csv' on 'Acute Myeloid Leukemia'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rs433816
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rs10799634
rs34658642
rs149725572
rs750070
rs502812
All − MR Egger
All − Inverse variance weighted
−4
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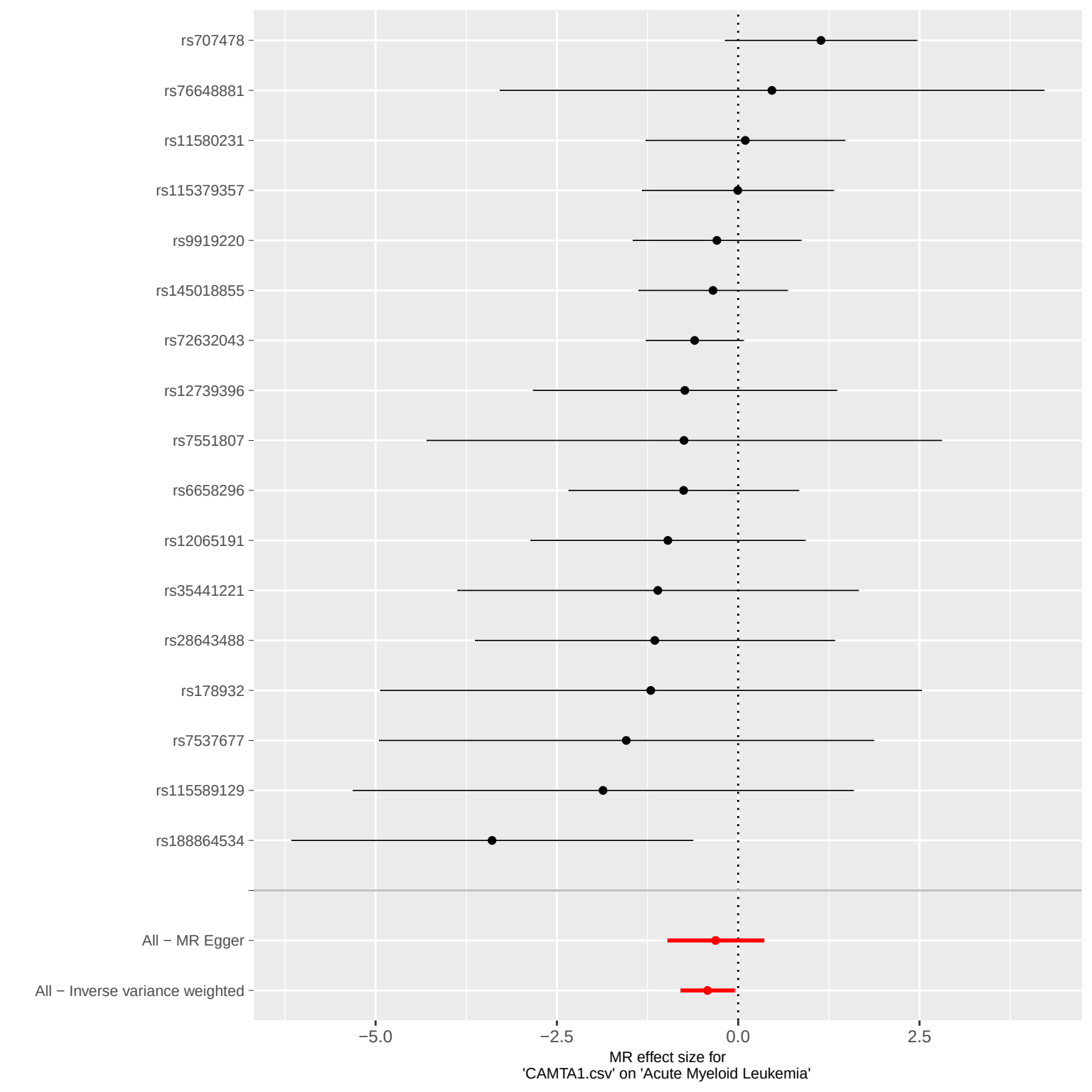
4
8
MR effect size for
'CAMK2N1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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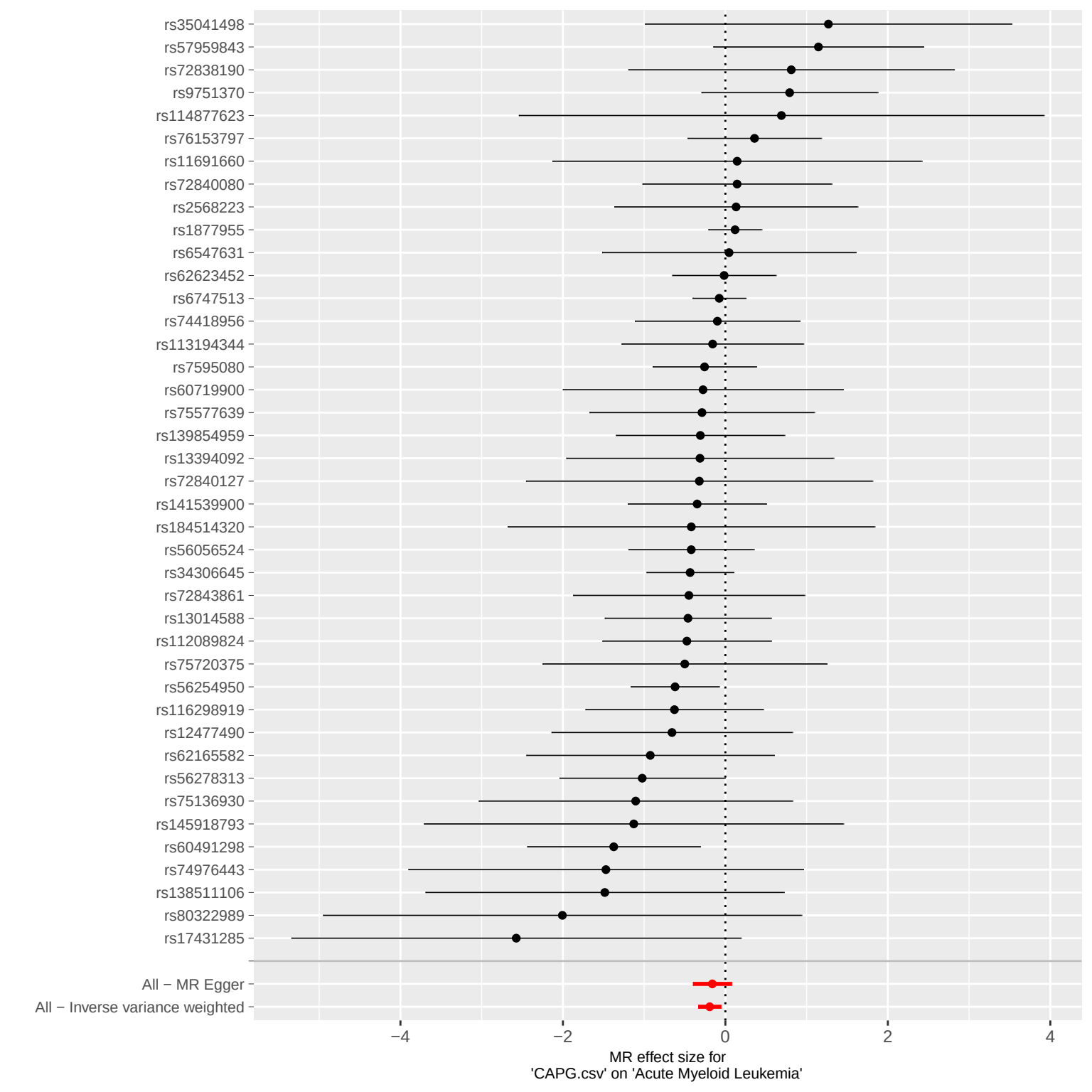
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rs80322989
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All − MR Egger
All − Inverse variance weighted
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−2
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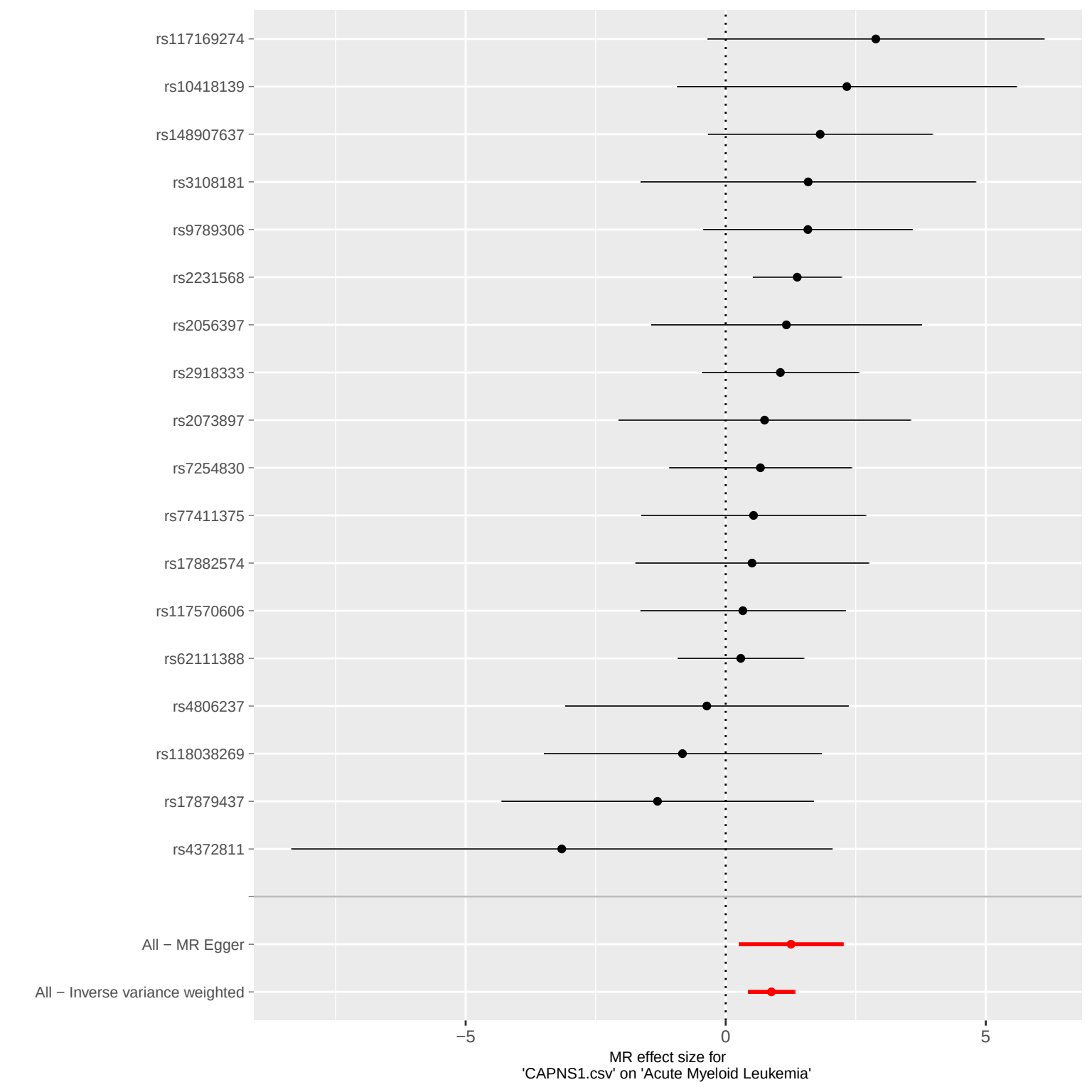
MR effect size for
'CAPG.csv' on 'Acute Myeloid Leukemia'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rs17882574
rs117570606
rs62111388
rs4806237
rs118038269
rs17879437
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All − MR Egger
All − Inverse variance weighted
−5
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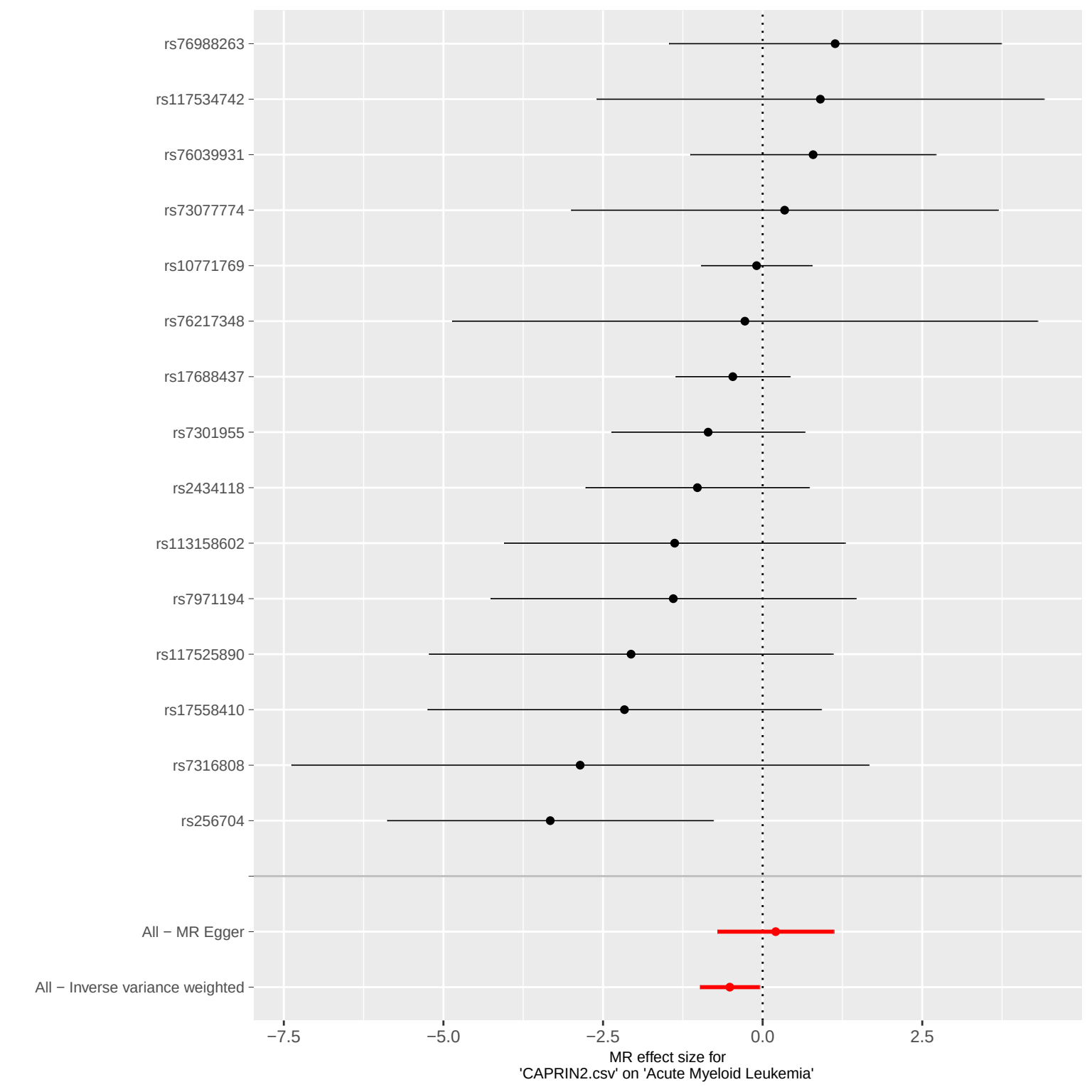
MR effect size for
'CAPNS1.csv' on 'Acute Myeloid Leukemia'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rs7971194
rs117525890
rs17558410
rs7316808
rs256704
All − MR Egger
All − Inverse variance weighted
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−5.0
−2.5
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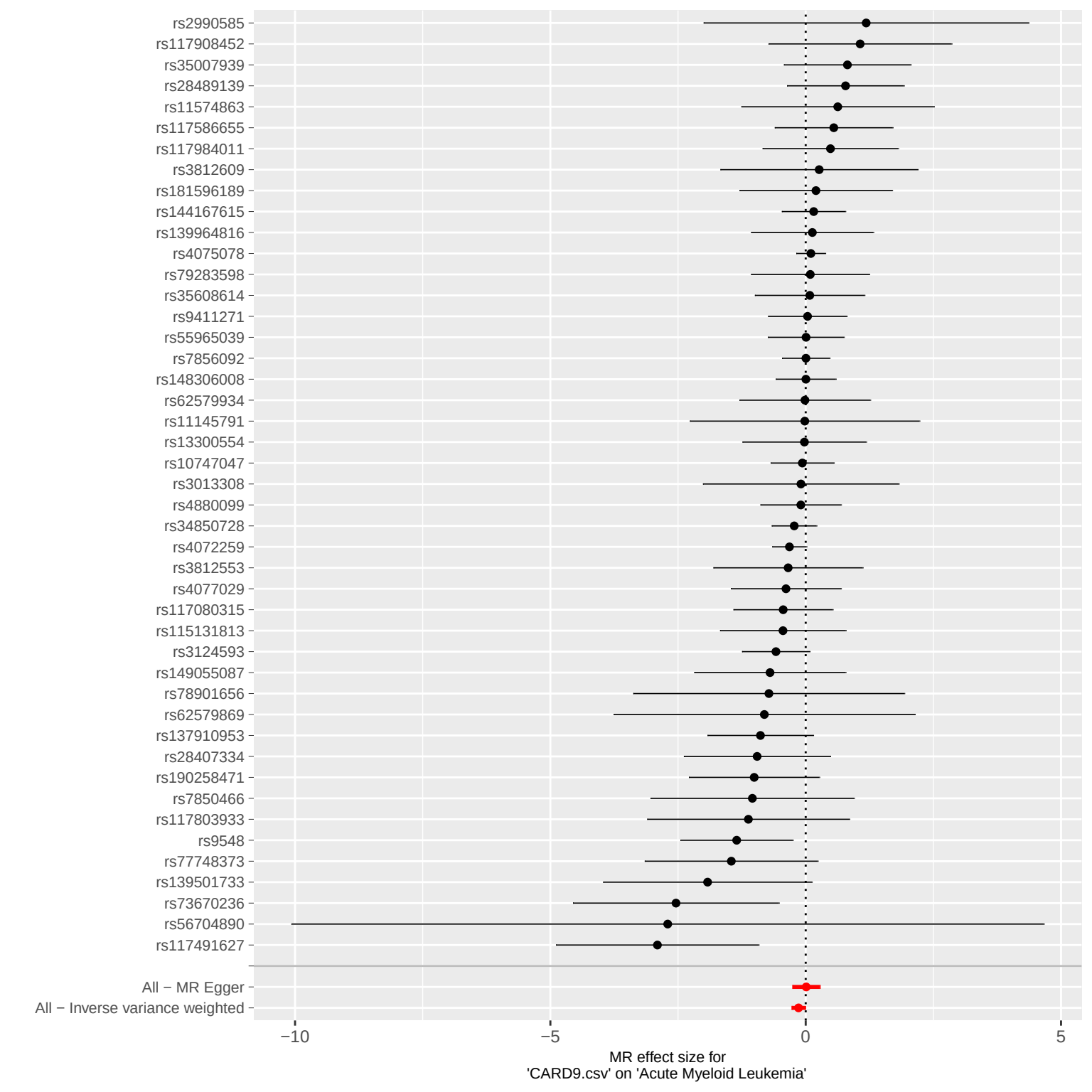
2.5
MR effect size for
'CAPRIN2.csv' on 'Acute Myeloid Leukemia'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rs139501733
rs73670236
rs56704890
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All − MR Egger
All − Inverse variance weighted
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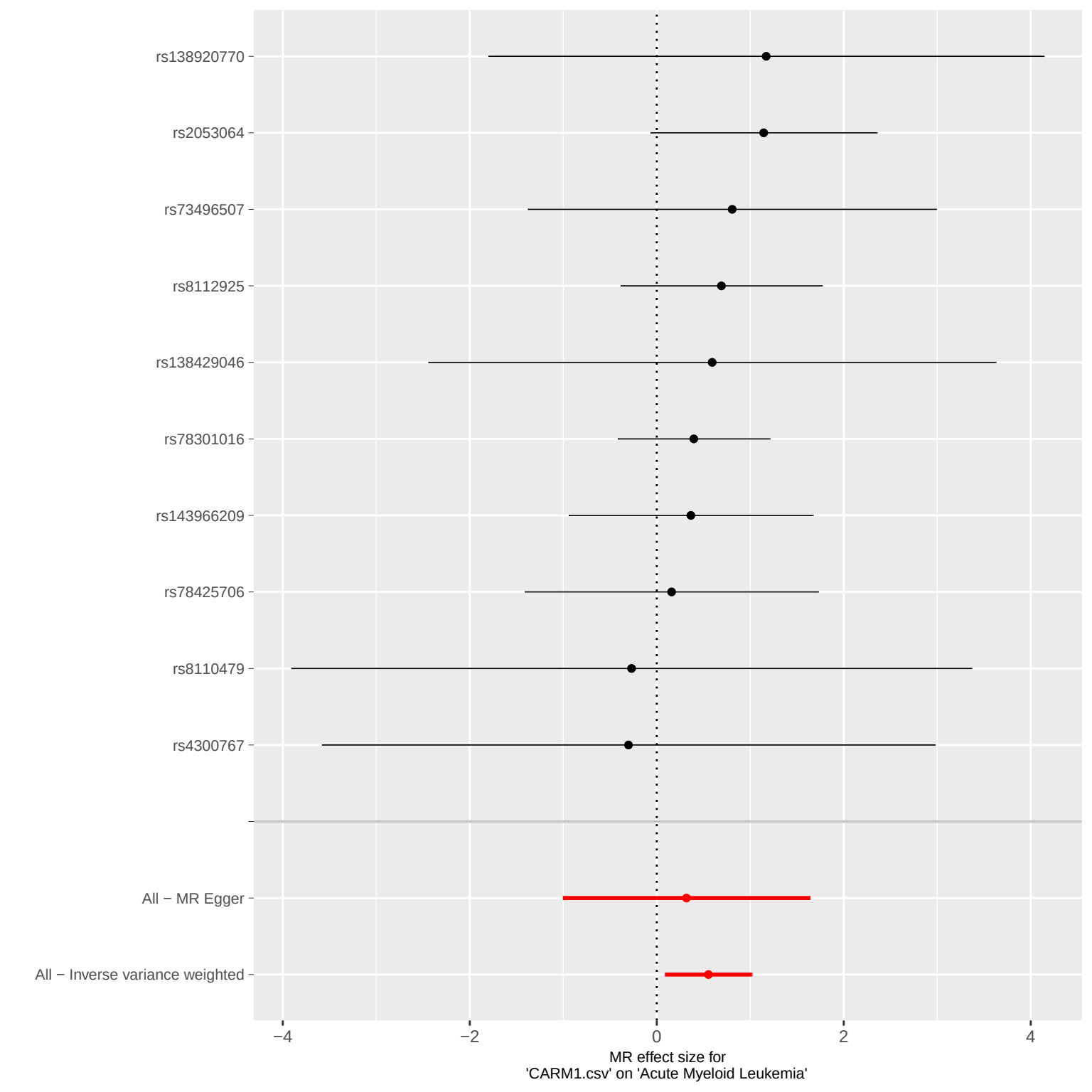
−5
0
5
MR effect size for
'CARD9.csv' on 'Acute Myeloid Leukemia'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rs8112925
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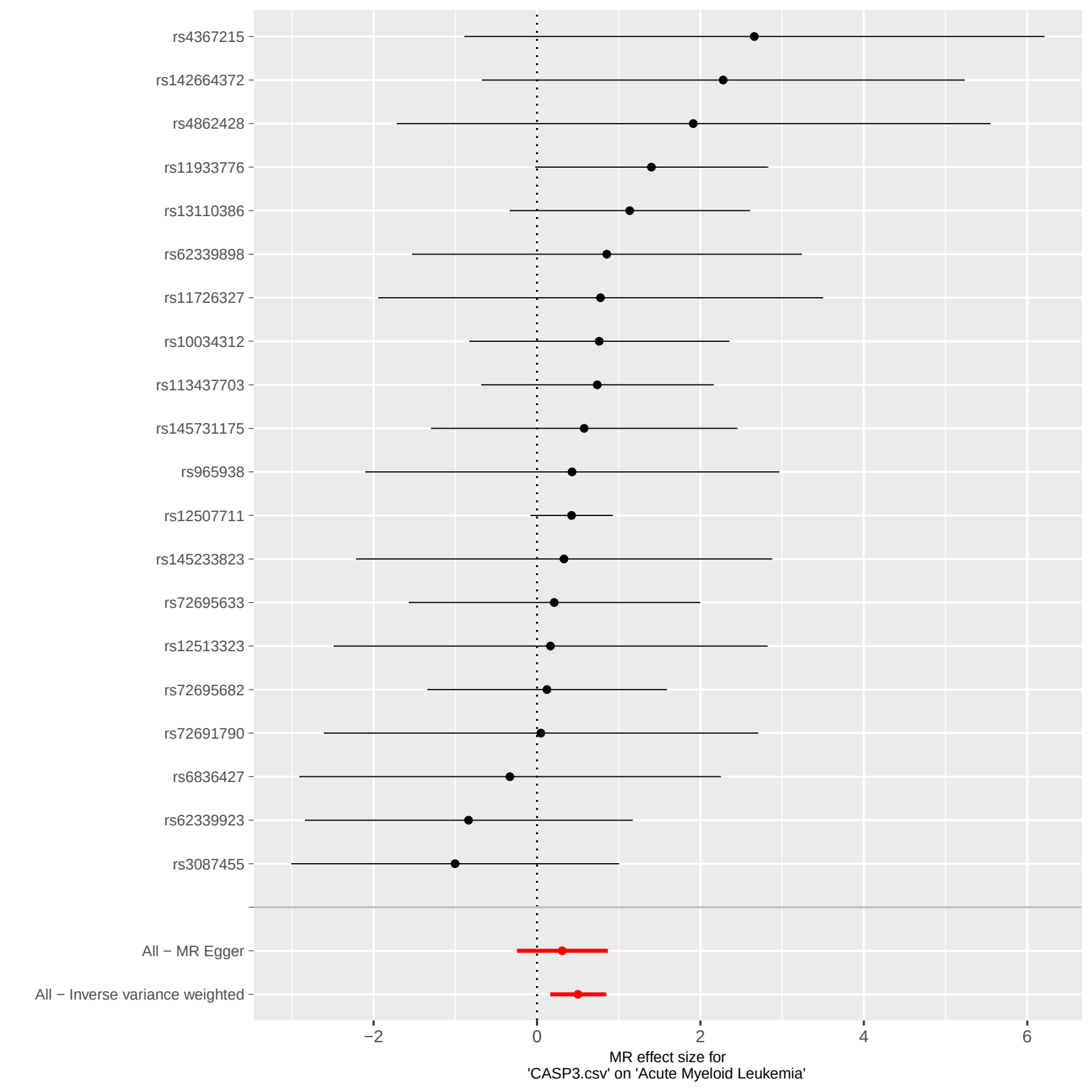
rs78301016
rs143966209
rs78425706
rs8110479
rs4300767
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CARM1.csv' on 'Acute Myeloid Leukemia'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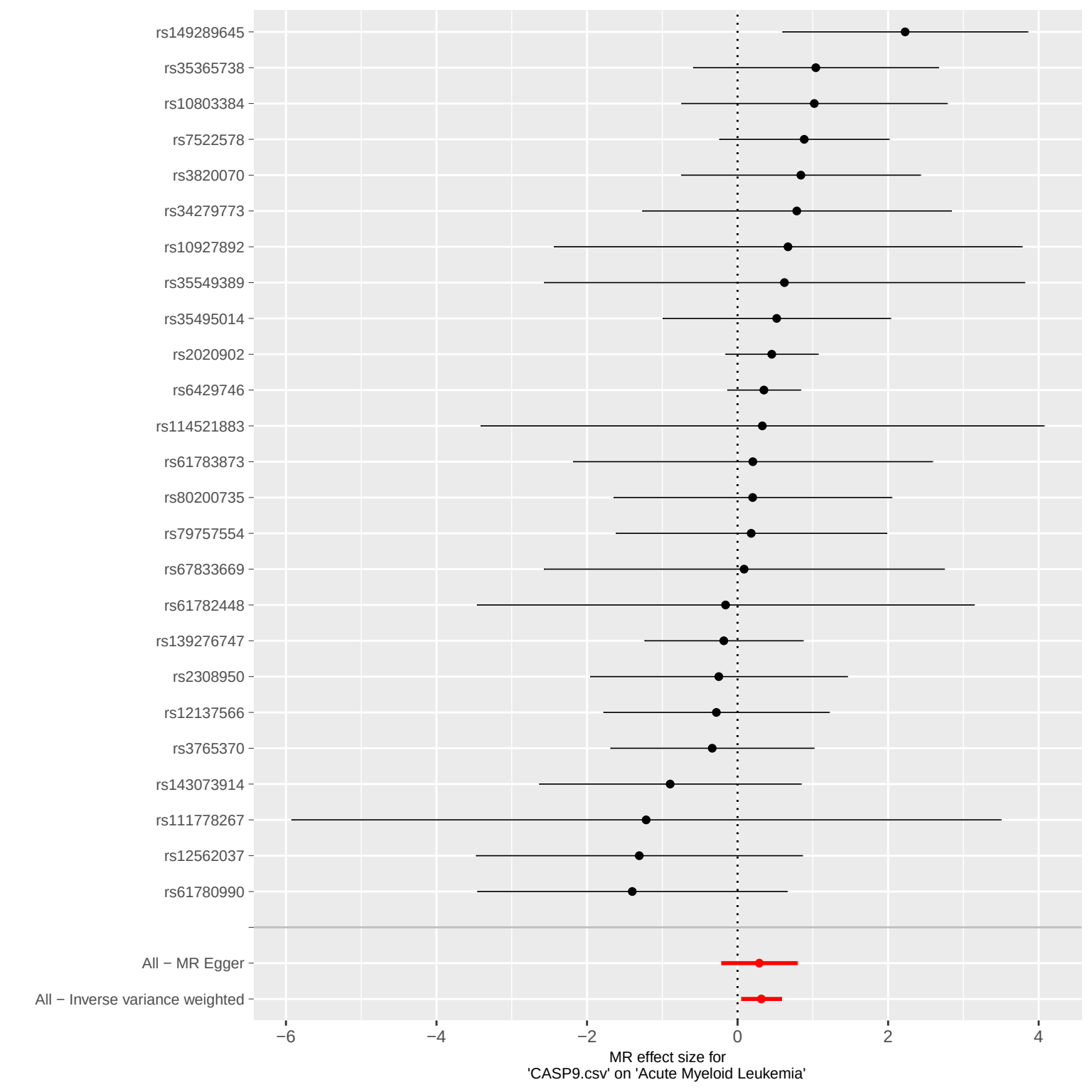
rs965938
rs12507711
rs145233823
rs72695633
rs12513323
rs72695682
rs72691790
rs6836427
rs62339923
rs3087455
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'CASP3.csv' on 'Acute Myeloid Leukemia'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rs3820070
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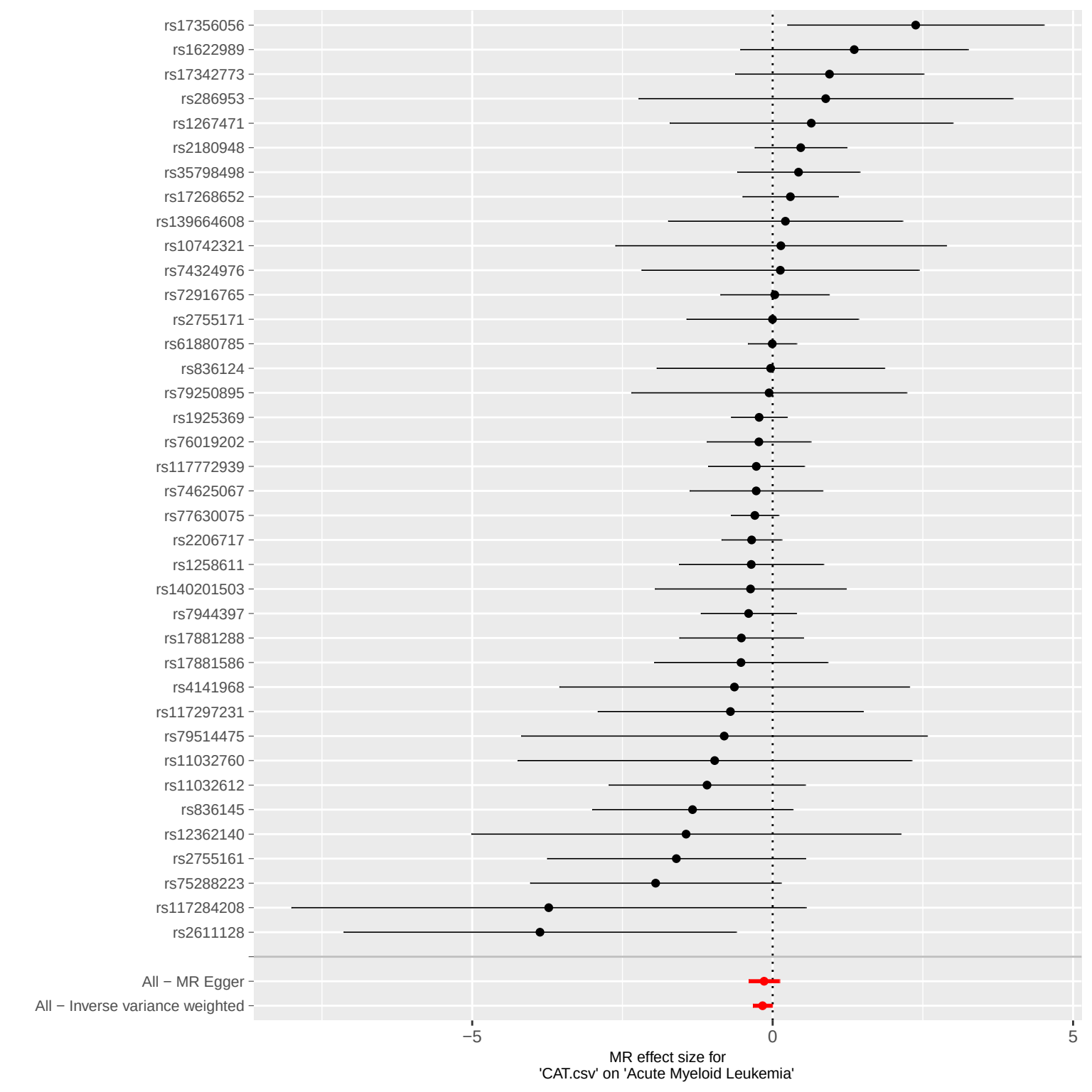
rs114521883
rs61783873
rs80200735
rs79757554
rs67833669
rs61782448
rs139276747
rs2308950
rs12137566
rs3765370
rs143073914
rs111778267
rs12562037
rs61780990
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'CASP9.csv' on 'Acute Myeloid Leukemia'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rs1258611
rs140201503
rs7944397
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rs17881586
rs4141968
rs117297231
rs79514475
rs11032760
rs11032612
rs836145
rs12362140
rs2755161
rs75288223
rs117284208
rs2611128
All − MR Egger
All − Inverse variance weighted
−5
0
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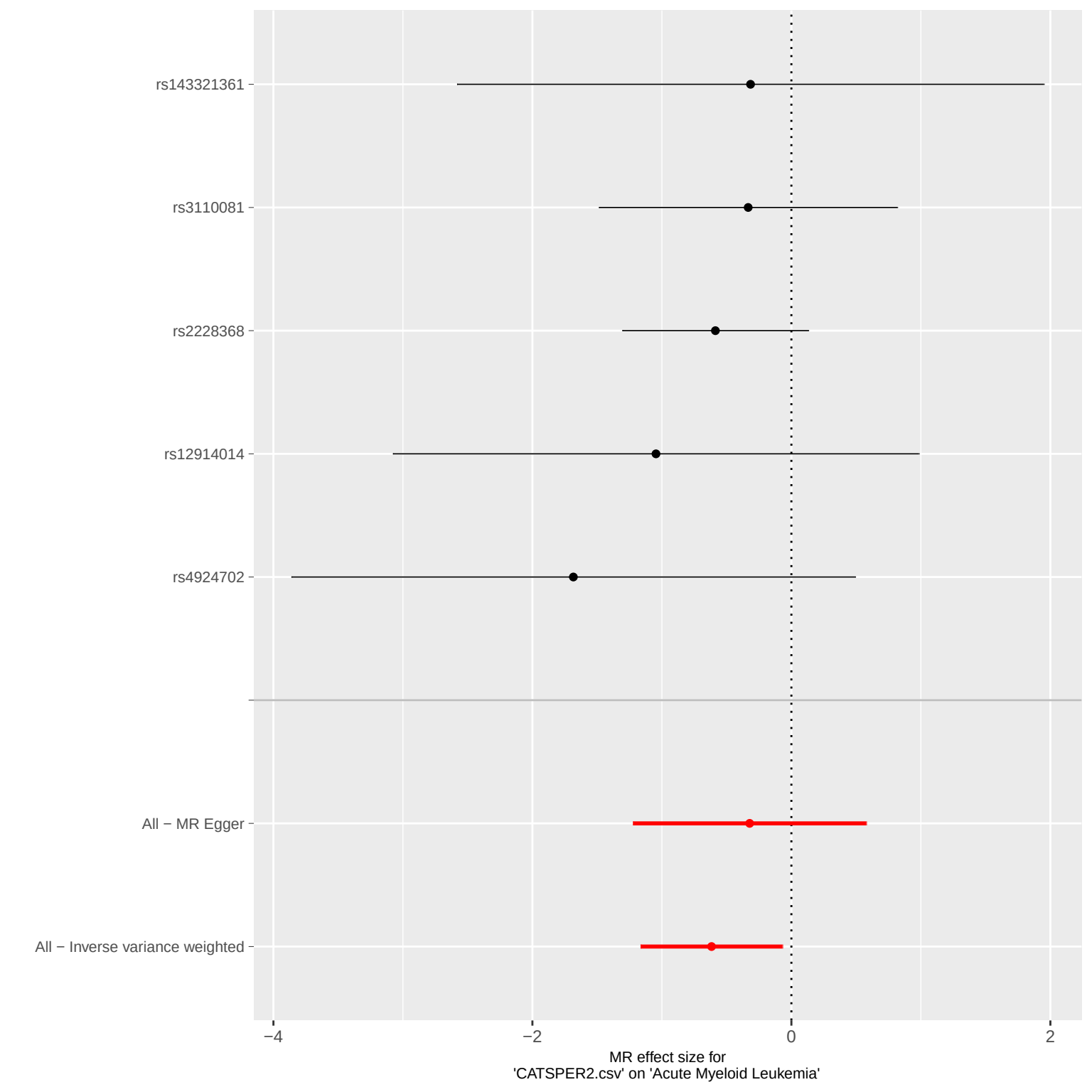
MR effect size for
'CAT.csv' on 'Acute Myeloid Leukemia'


rs143321361
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rs2228368
rs12914014
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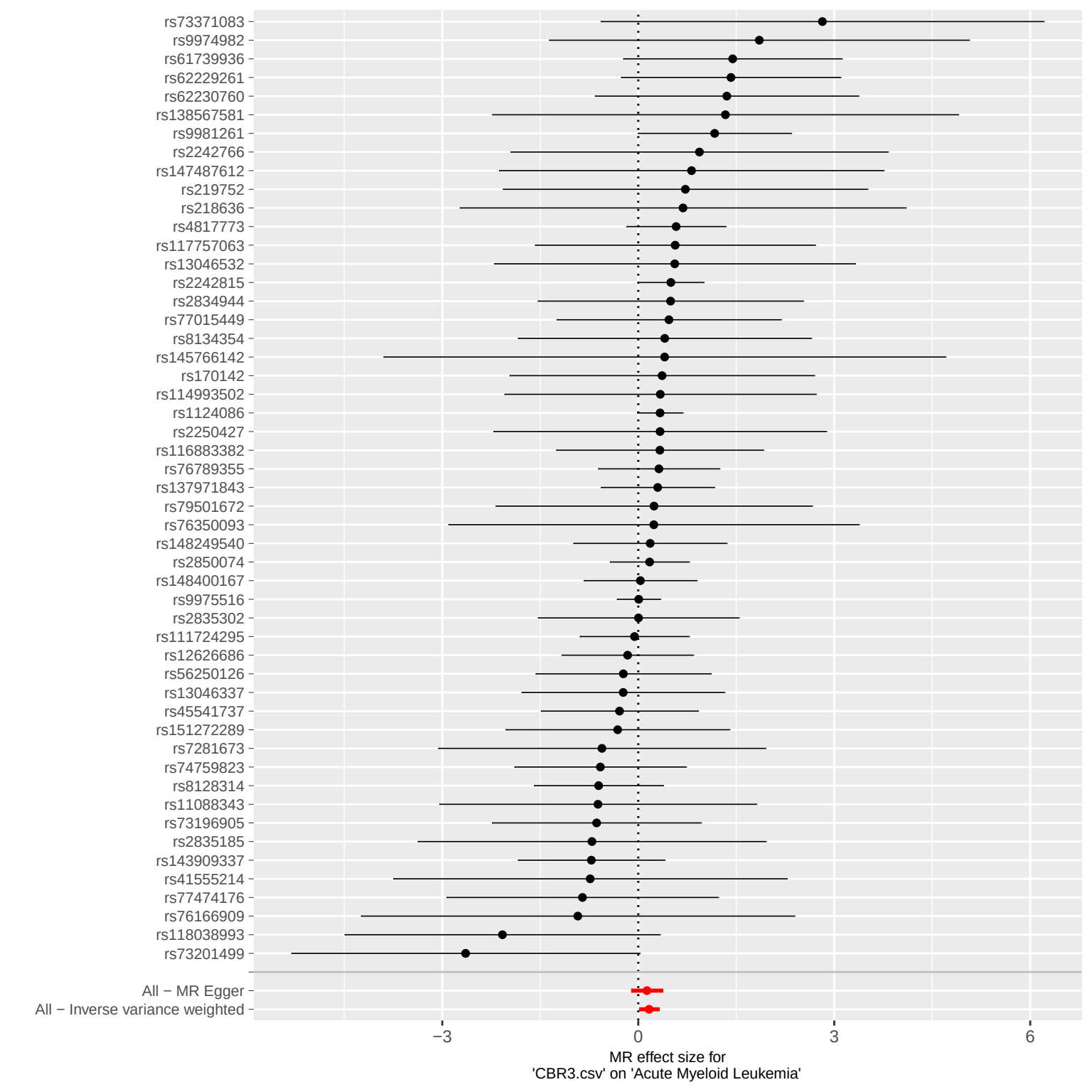
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CATSPER2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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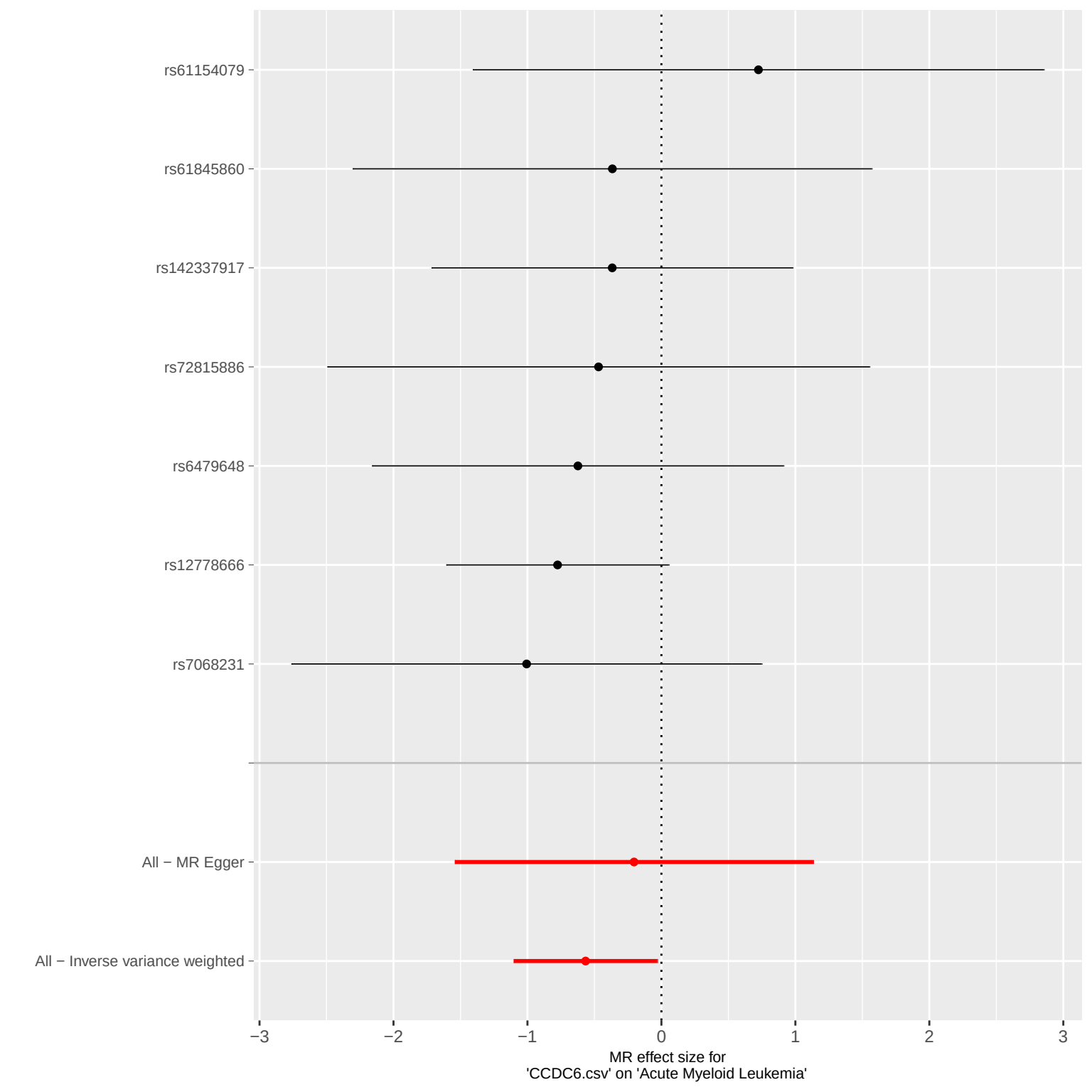
MR effect size for
'CBR3.csv' on 'Acute Myeloid Leukemia'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rs7068231
All − MR Egger
All − Inverse variance weighted
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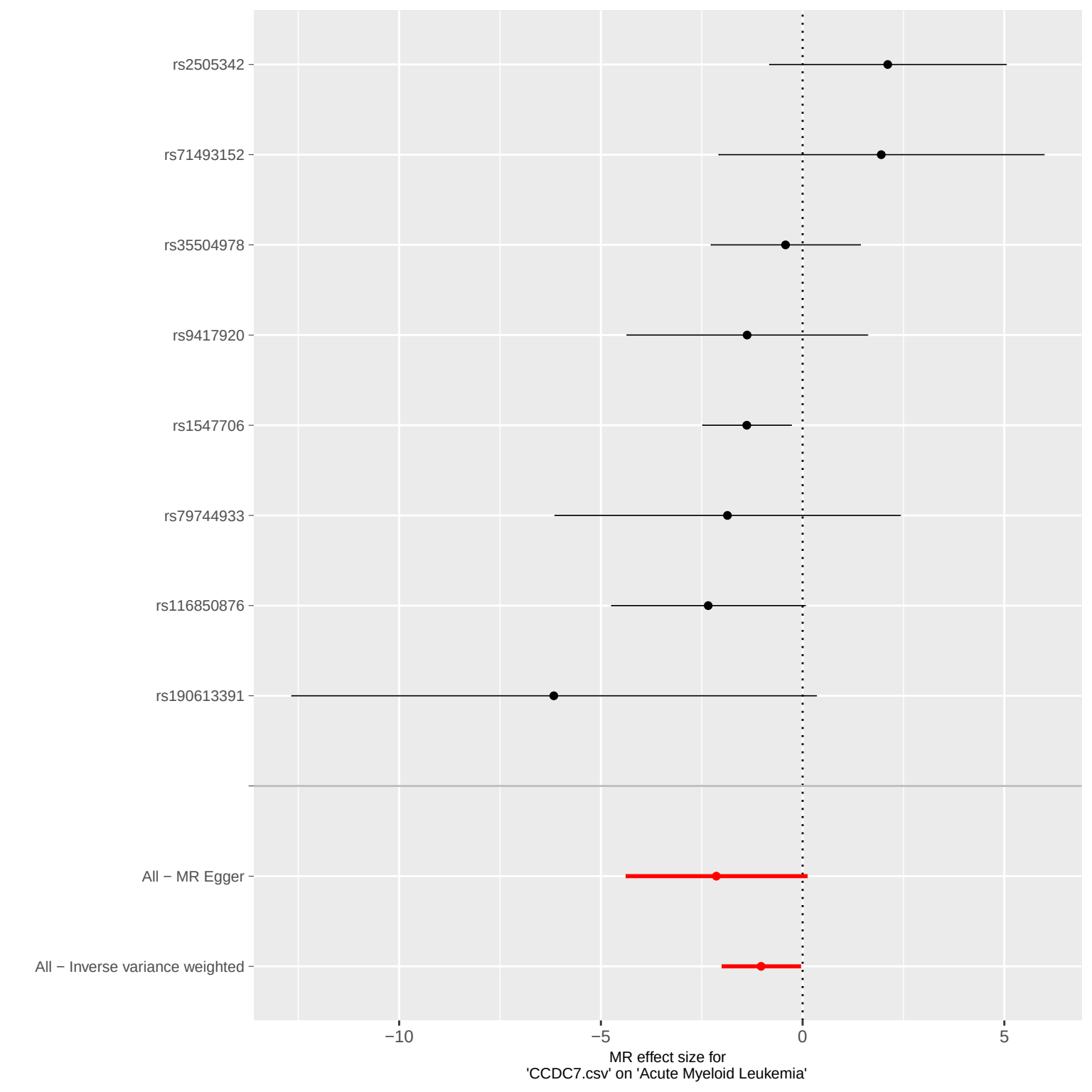
−2
−1
0
1
2
3
MR effect size for
'CCDC6.csv' on 'Acute Myeloid Leukemia'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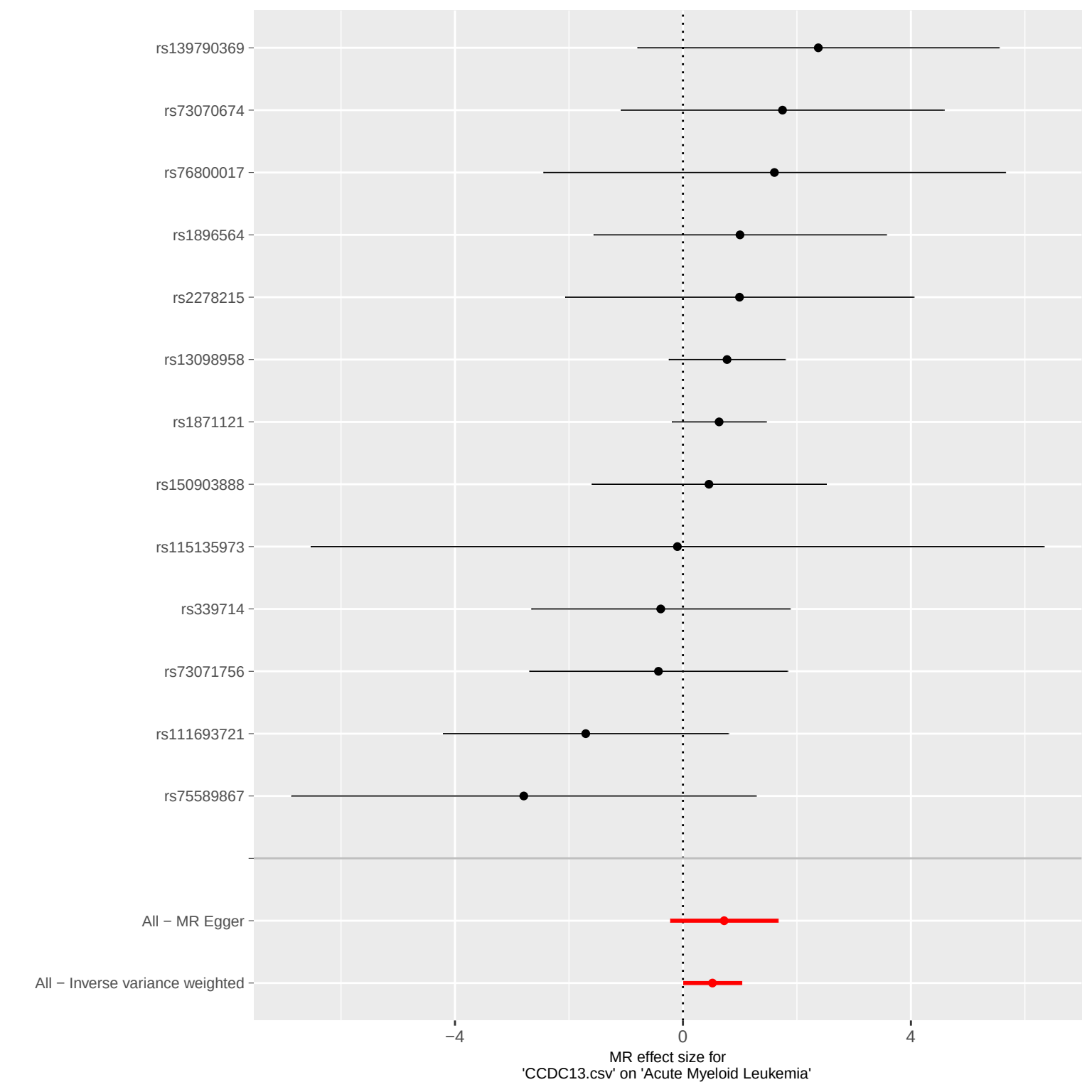
rs71493152
rs35504978
rs9417920
rs1547706
rs79744933
rs116850876
rs190613391
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CCDC7.csv' on 'Acute Myeloid Leukemia'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rs150903888
rs115135973
rs339714
rs73071756
rs111693721
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All − MR Egger
All − Inverse variance weighted
−4
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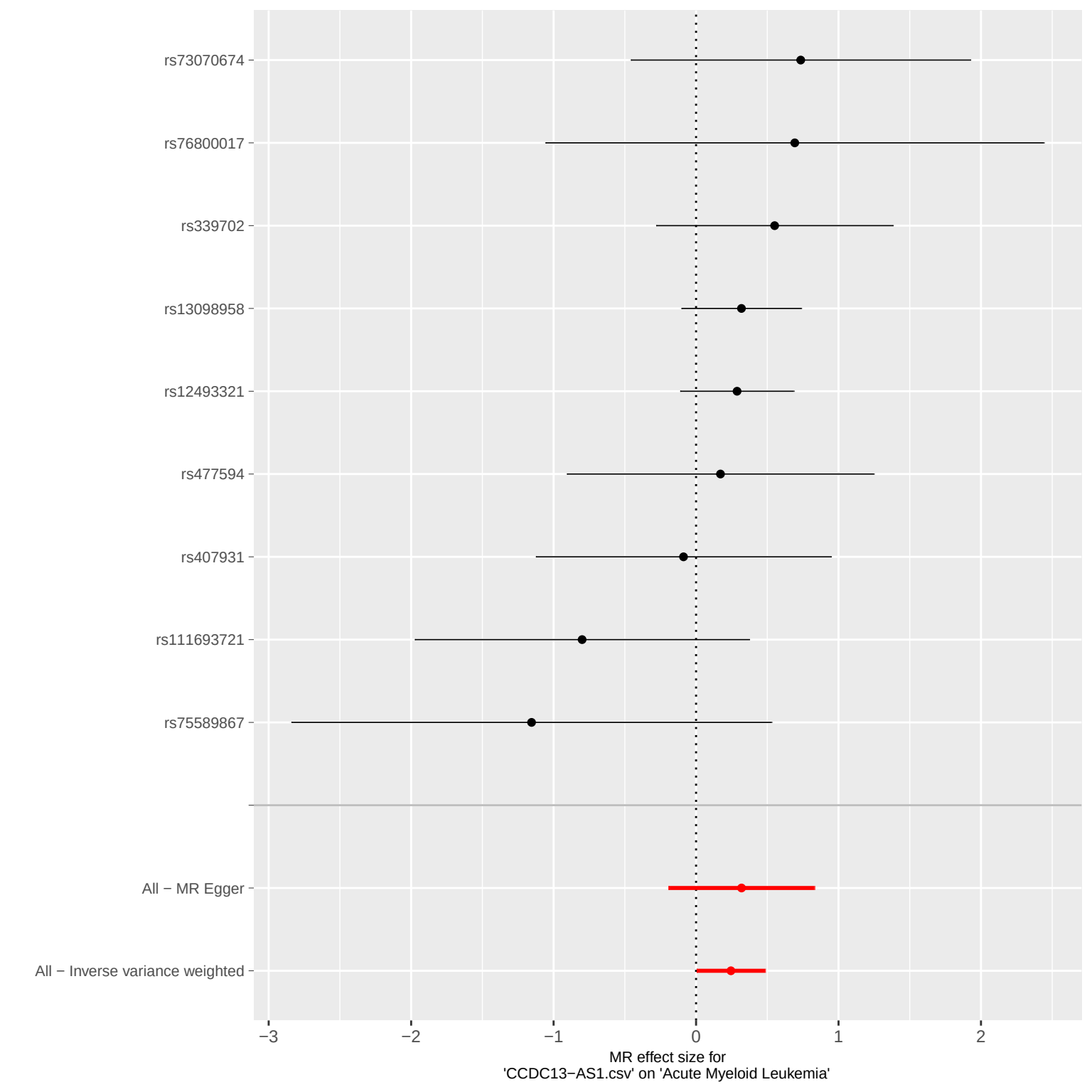
MR effect size for
'CCDC13.csv' on 'Acute Myeloid Leukemia'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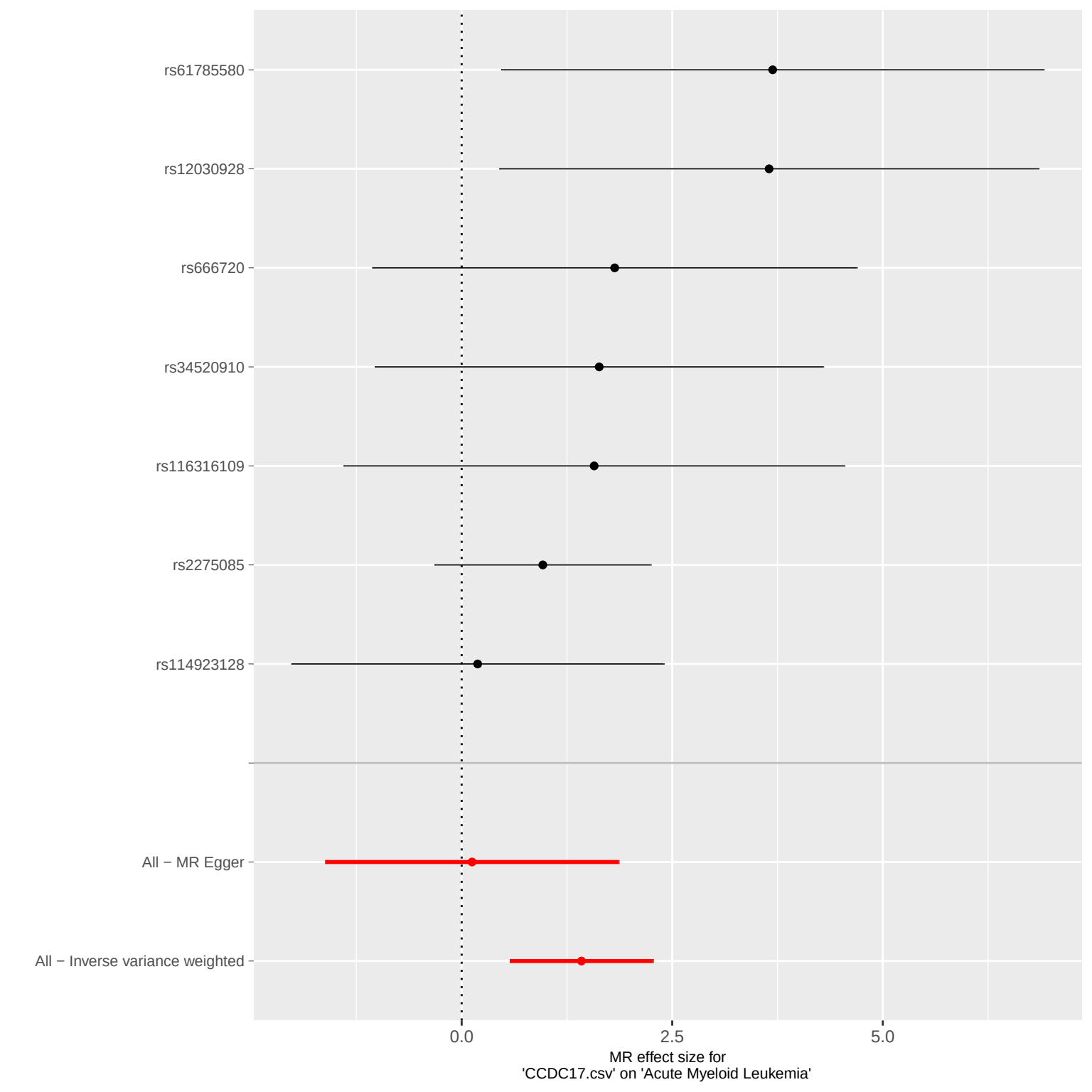
rs407931
rs111693721
rs75589867
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'CCDC13−AS1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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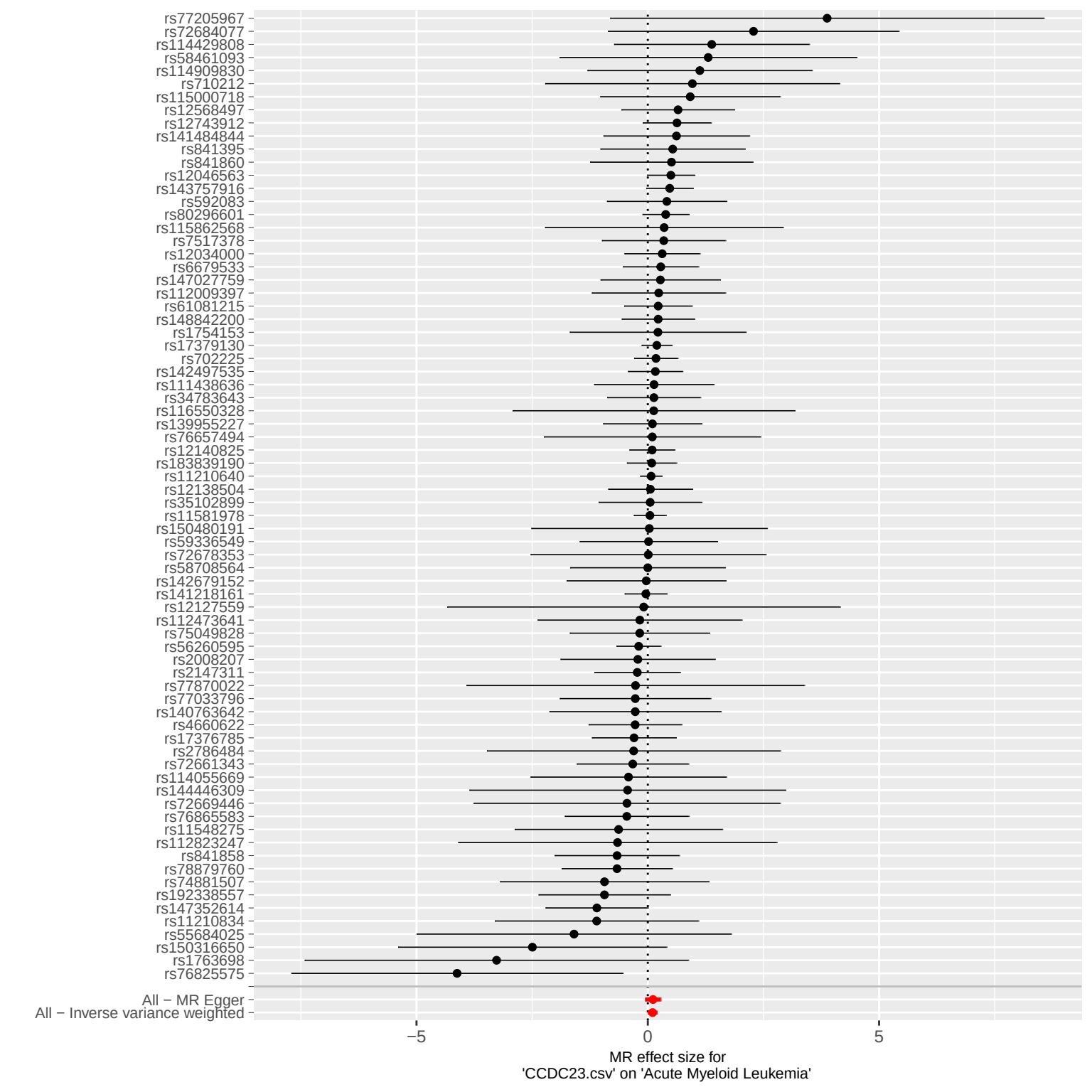
2.5
5.0
MR effect size for
'CCDC17.csv' on 'Acute Myeloid Leukemia'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rs192338557
rs147352614
rs11210834
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rs150316650
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All − MR Egger
All − Inverse variance weighted
−5
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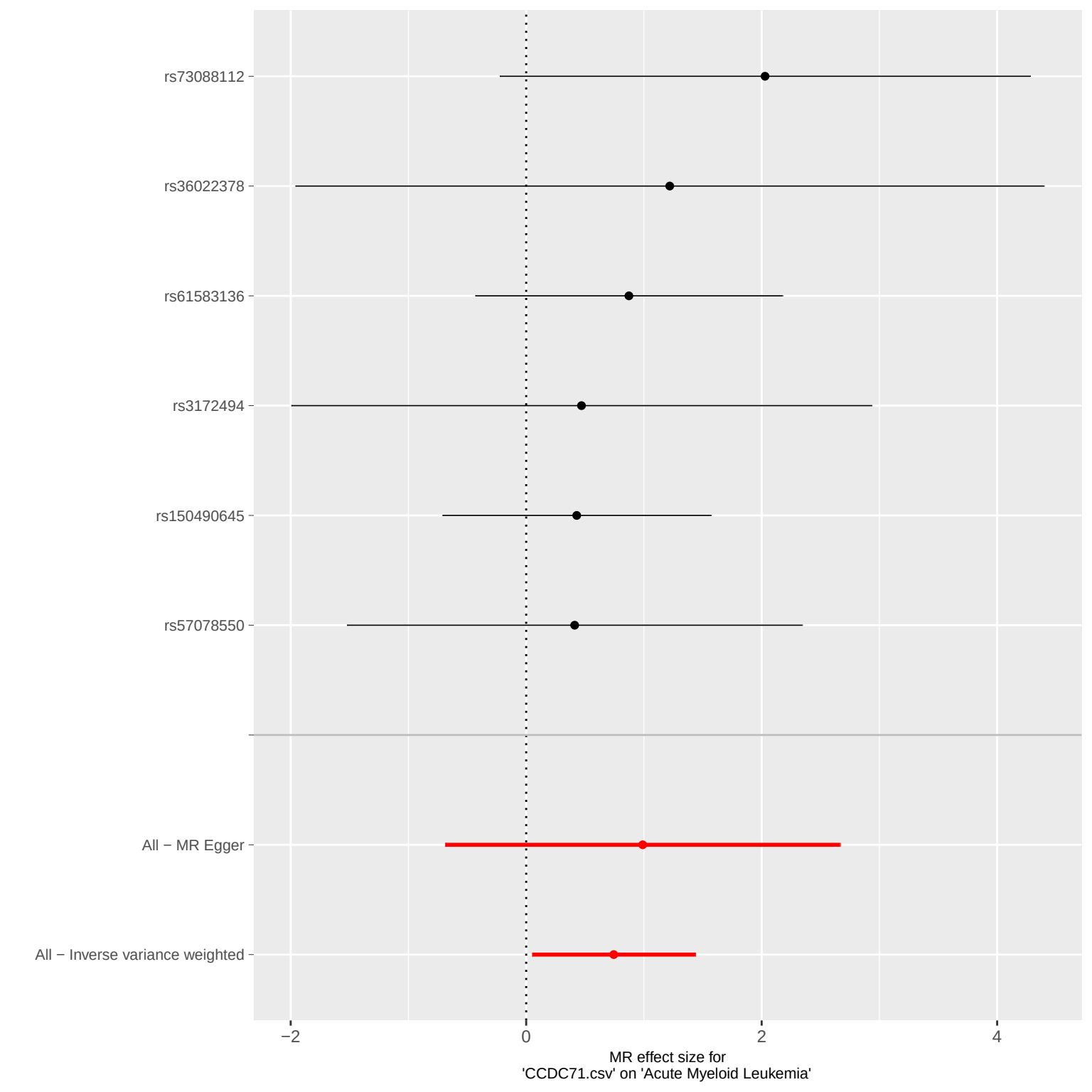
MR effect size for
'CCDC23.csv' on 'Acute Myeloid Leukemia'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rs61583136
rs3172494
rs150490645
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All − MR Egger
All − Inverse variance weighted
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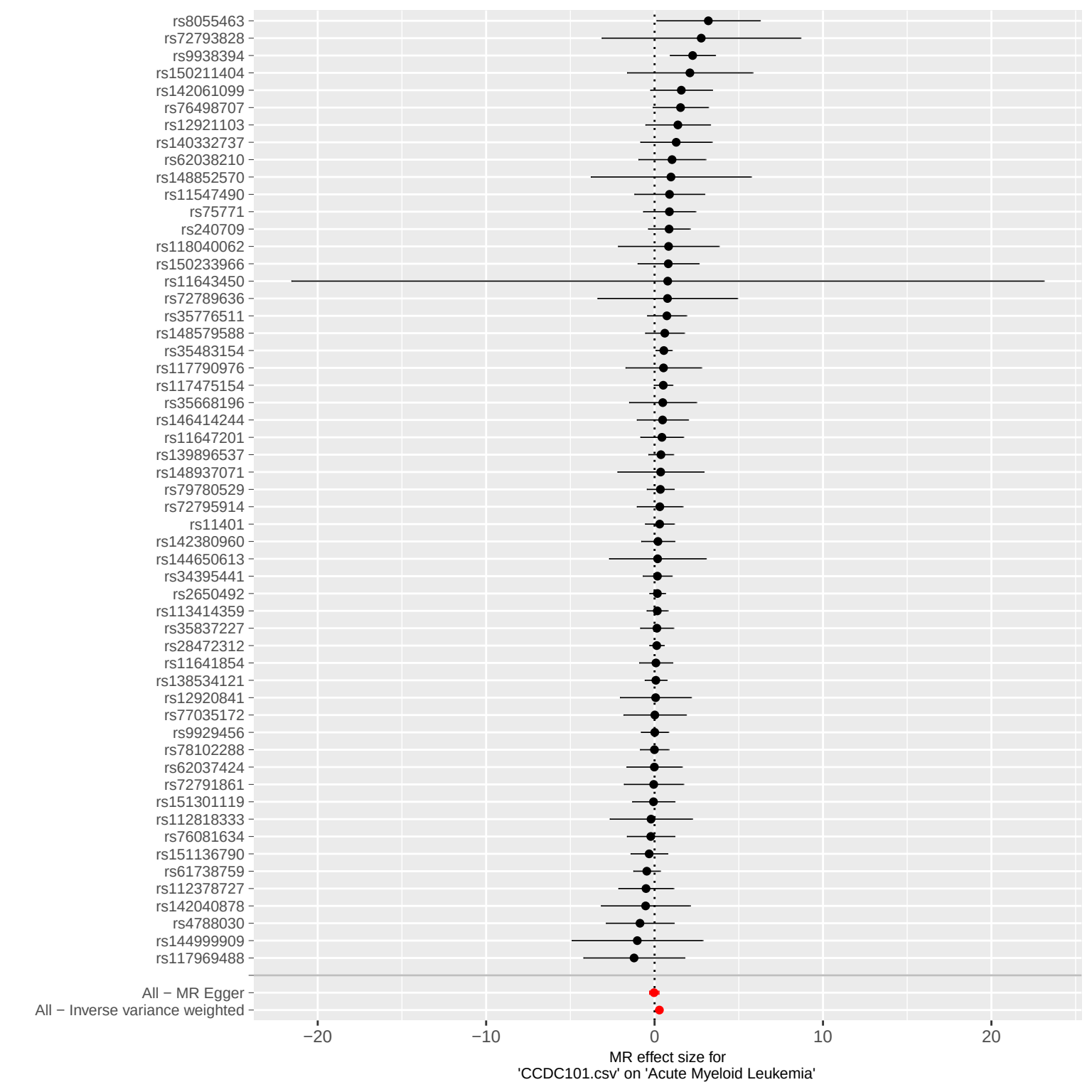
2
4
MR effect size for
'CCDC71.csv' on 'Acute Myeloid Leukemia'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rs112818333
rs76081634
rs151136790
rs61738759
rs112378727
rs142040878
rs4788030
rs144999909
rs117969488
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All − Inverse variance weighted
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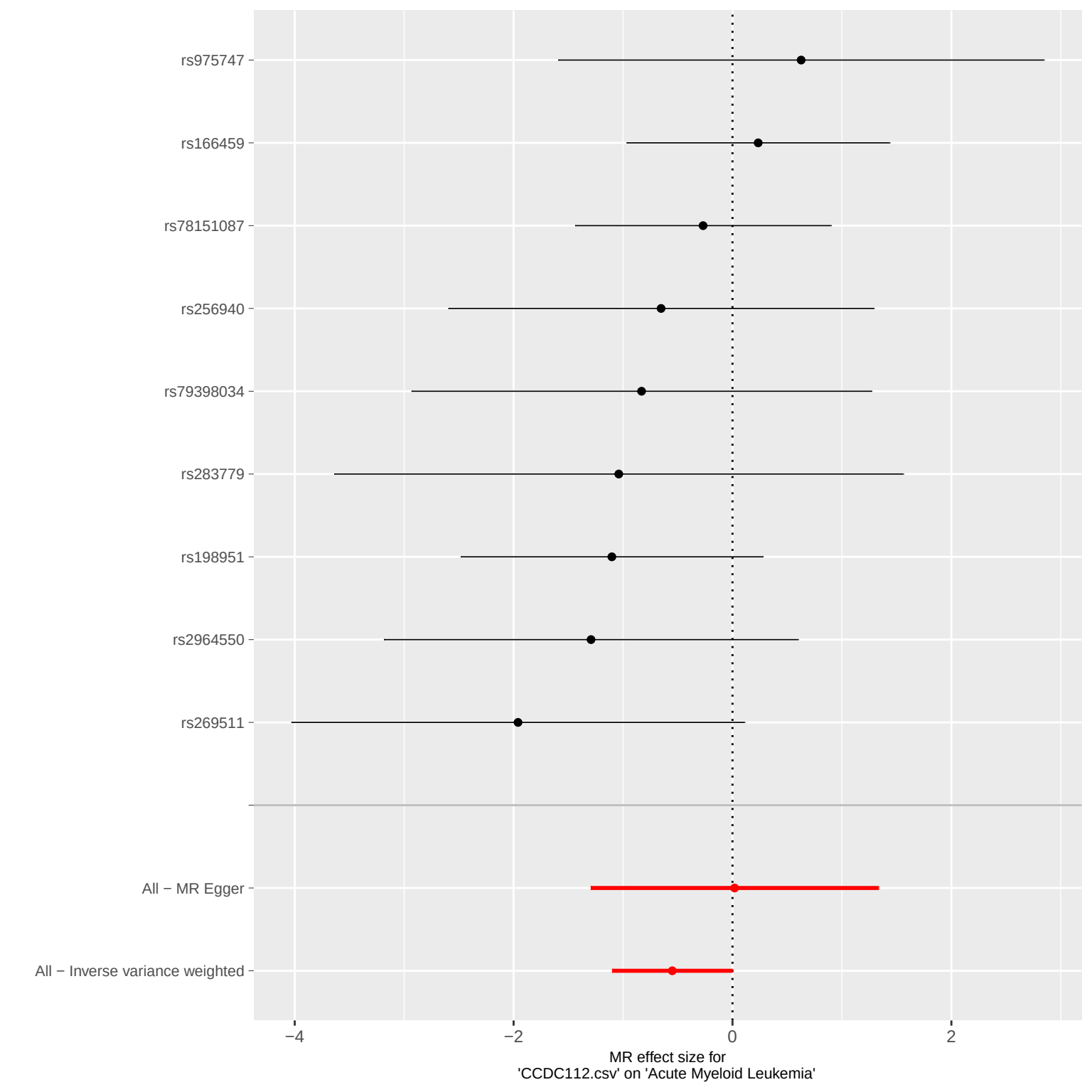
0
10
20
MR effect size for
'CCDC101.csv' on 'Acute Myeloid Leukemia'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rs283779
rs198951
rs2964550
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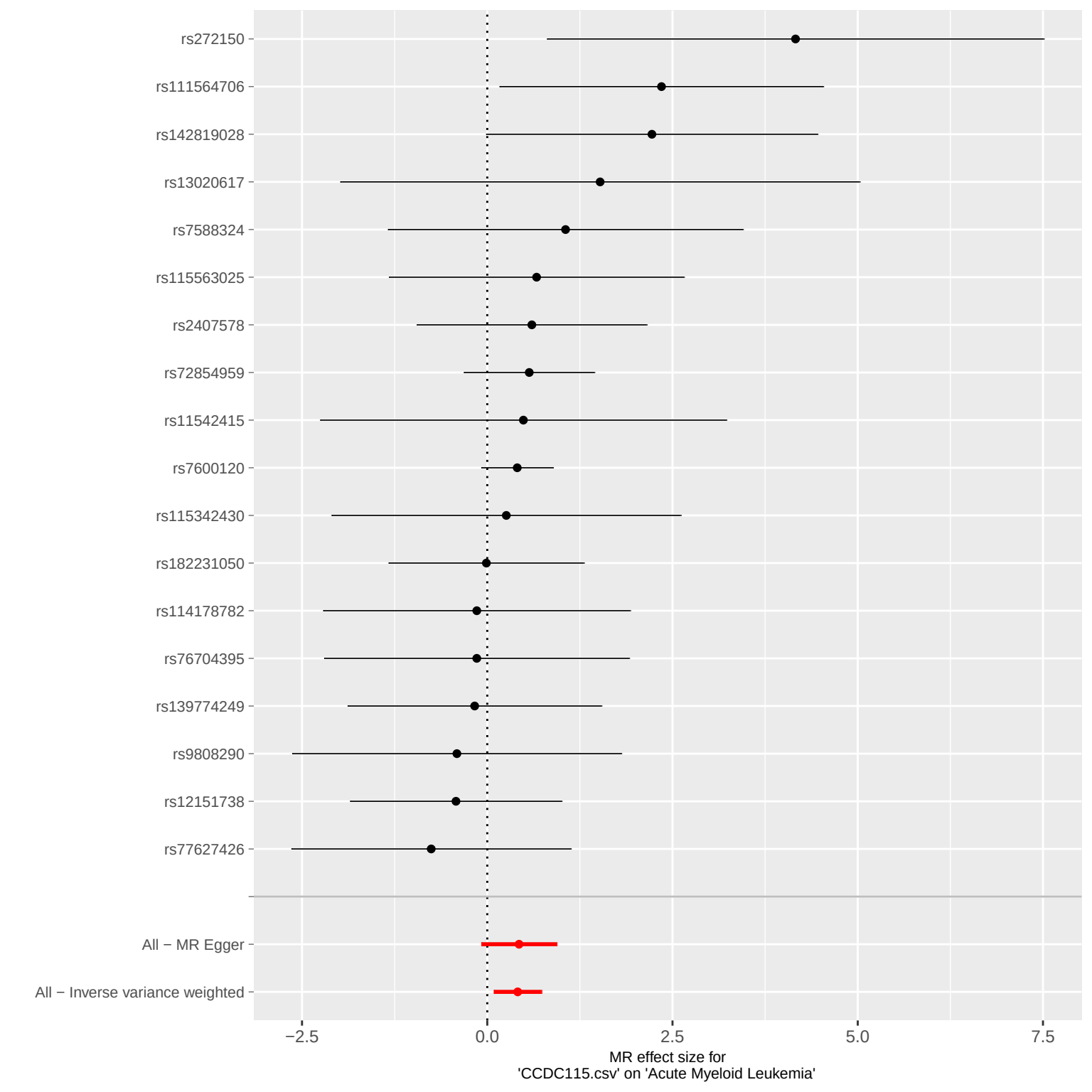
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CCDC112.csv' on 'Acute Myeloid Leukemia'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rs11542415
rs7600120
rs115342430
rs182231050
rs114178782
rs76704395
rs139774249
rs9808290
rs12151738
rs77627426
All − MR Egger
All − Inverse variance weighted
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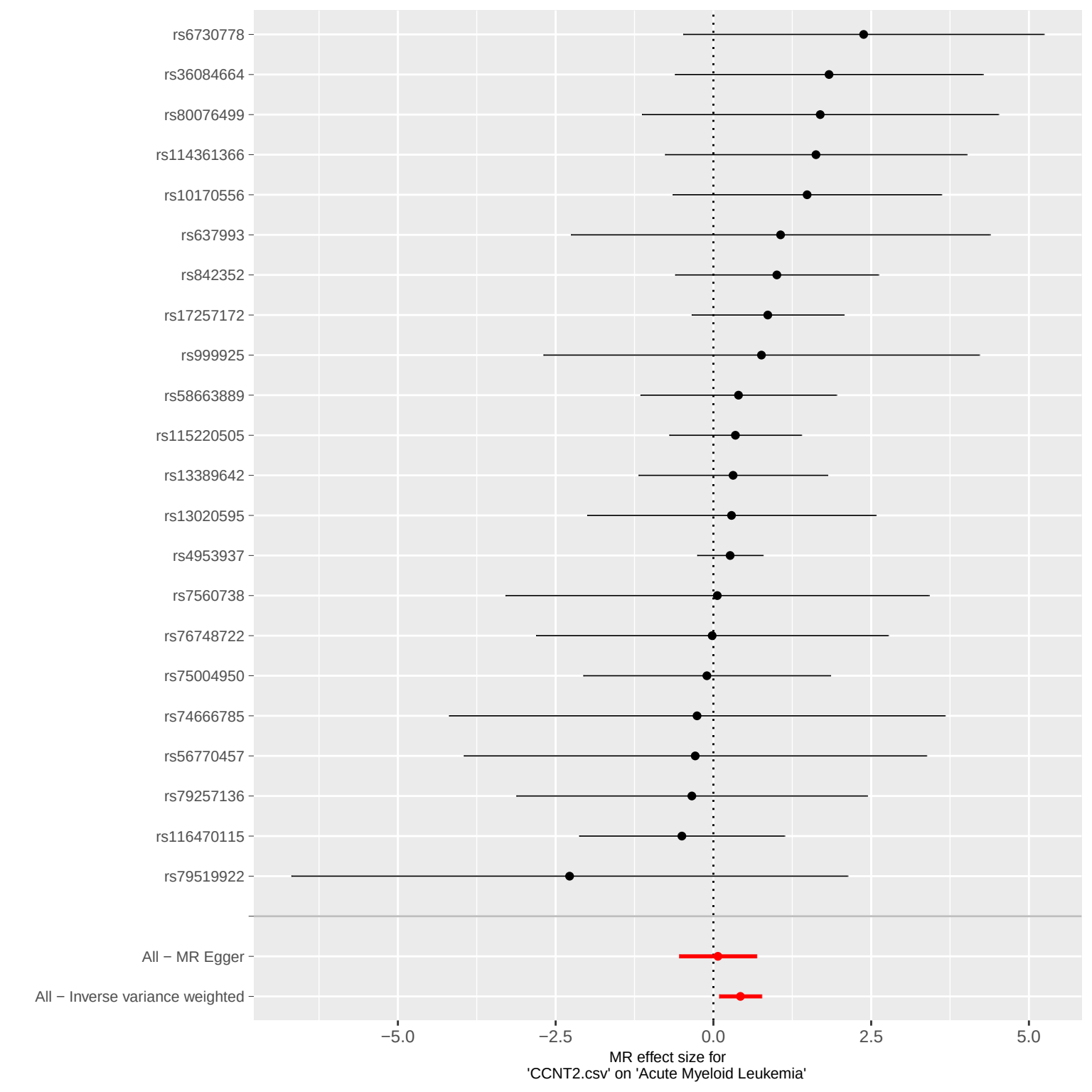
0.0
2.5
5.0
7.5
MR effect size for
'CCDC115.csv' on 'Acute Myeloid Leukemia'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rs115220505
rs13389642
rs13020595
rs4953937
rs7560738
rs76748722
rs75004950
rs74666785
rs56770457
rs79257136
rs116470115
rs79519922
All − MR Egger
All − Inverse variance weighted
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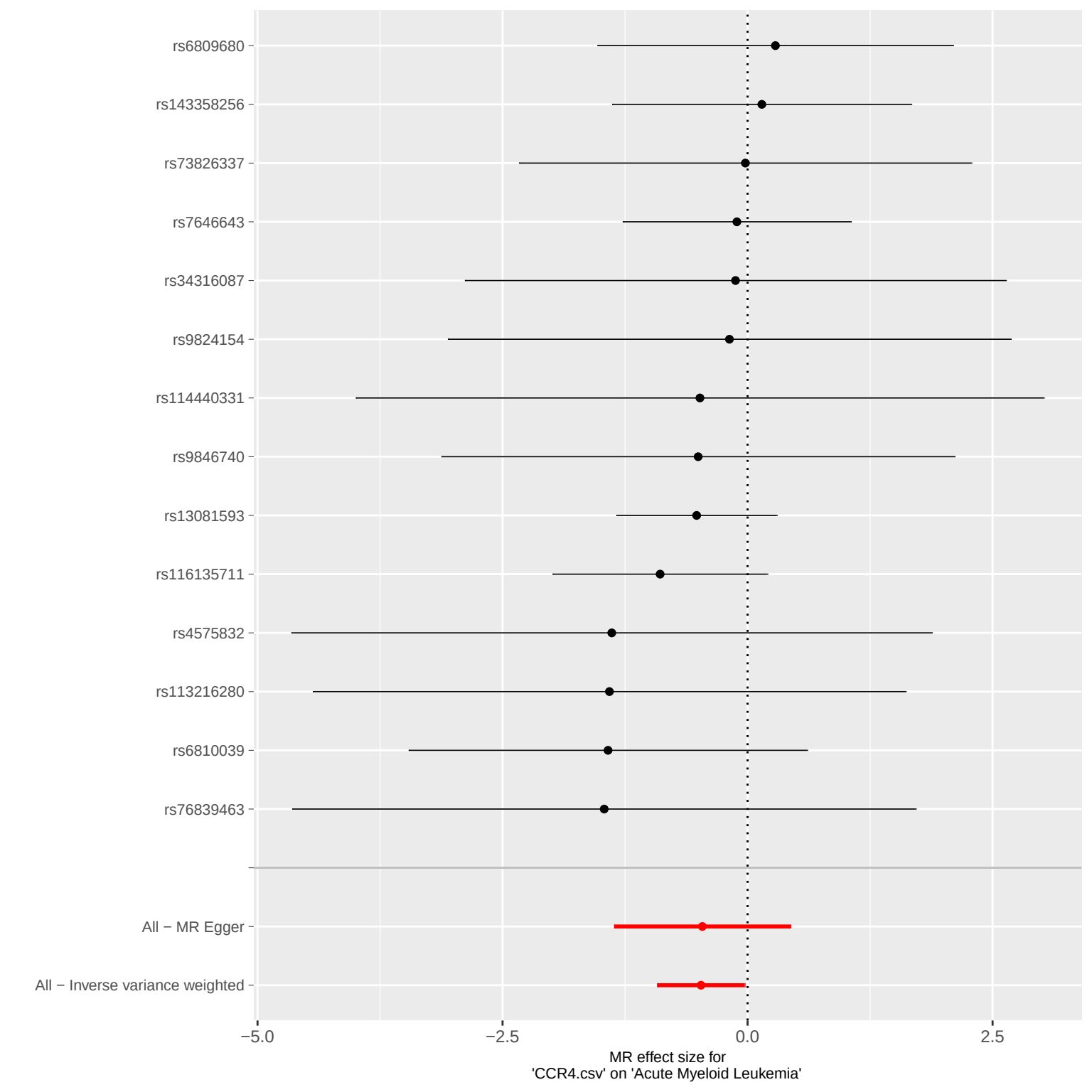
−2.5
0.0
2.5
5.0
MR effect size for
'CCNT2.csv' on 'Acute Myeloid Leukemia'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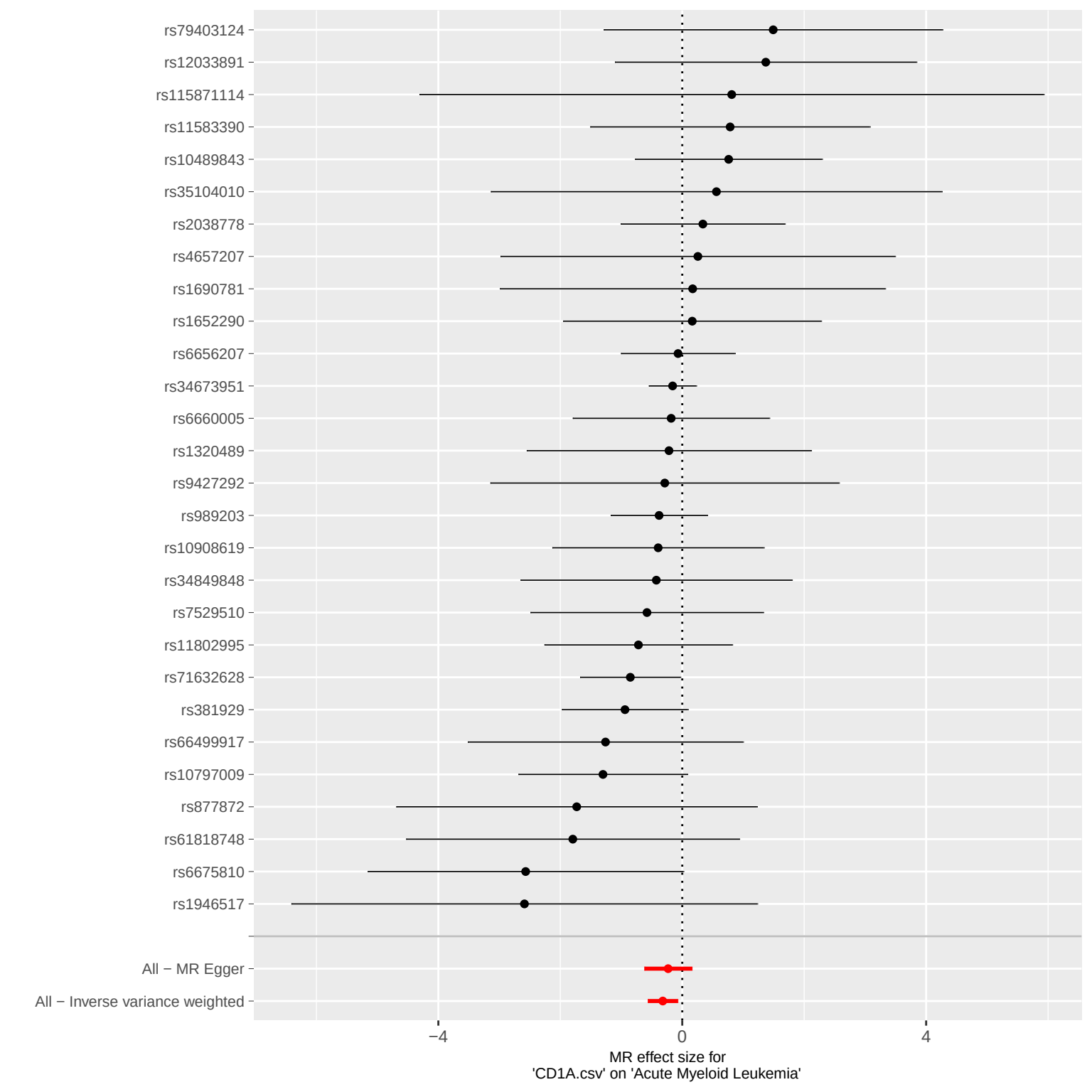
rs113216280
rs6810039
rs76839463
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CCR4.csv' on 'Acute Myeloid Leukemia'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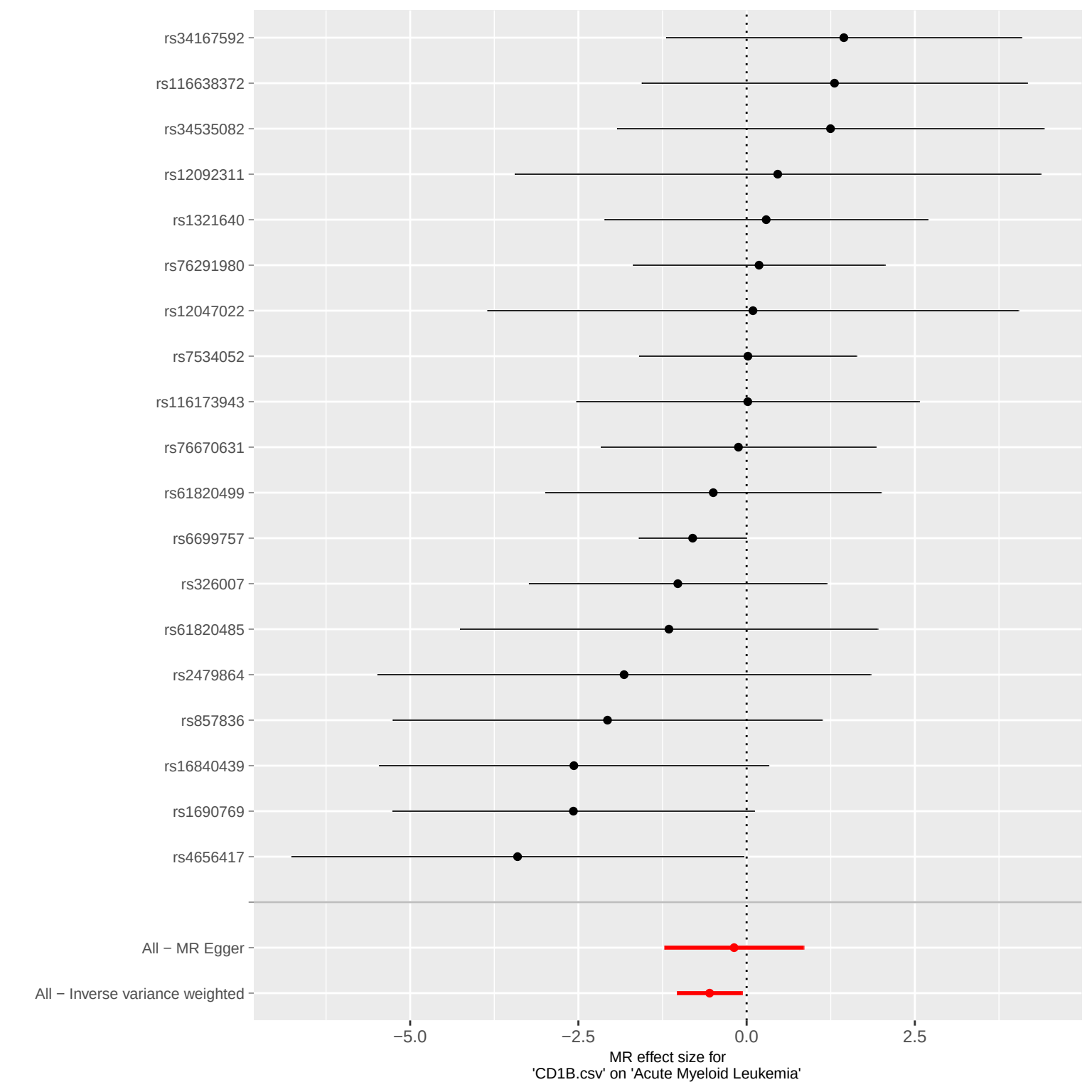
rs7529510
rs11802995
rs71632628
rs381929
rs66499917
rs10797009
rs877872
rs61818748
rs6675810
rs1946517
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CD1A.csv' on 'Acute Myeloid Leukemia'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rs34535082
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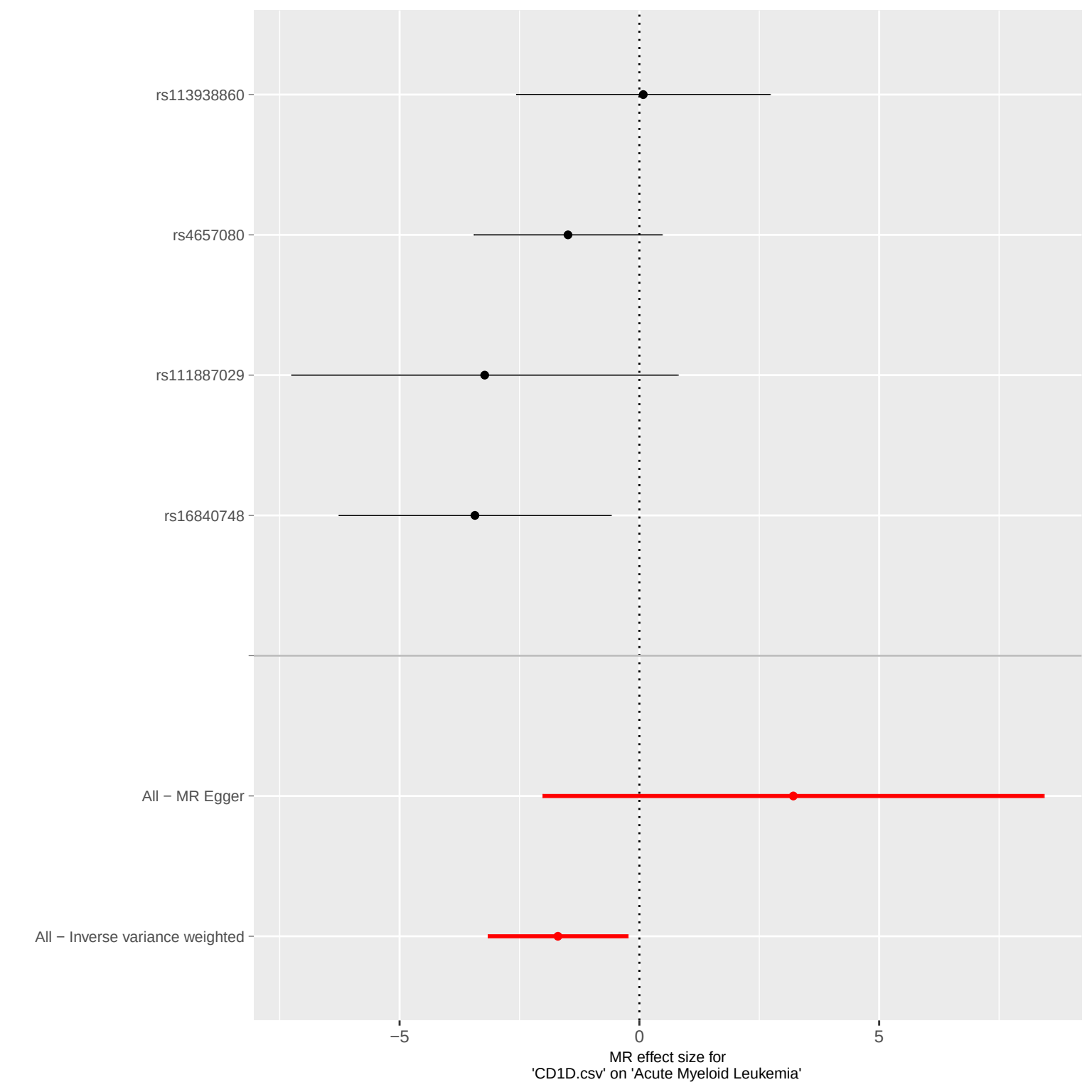
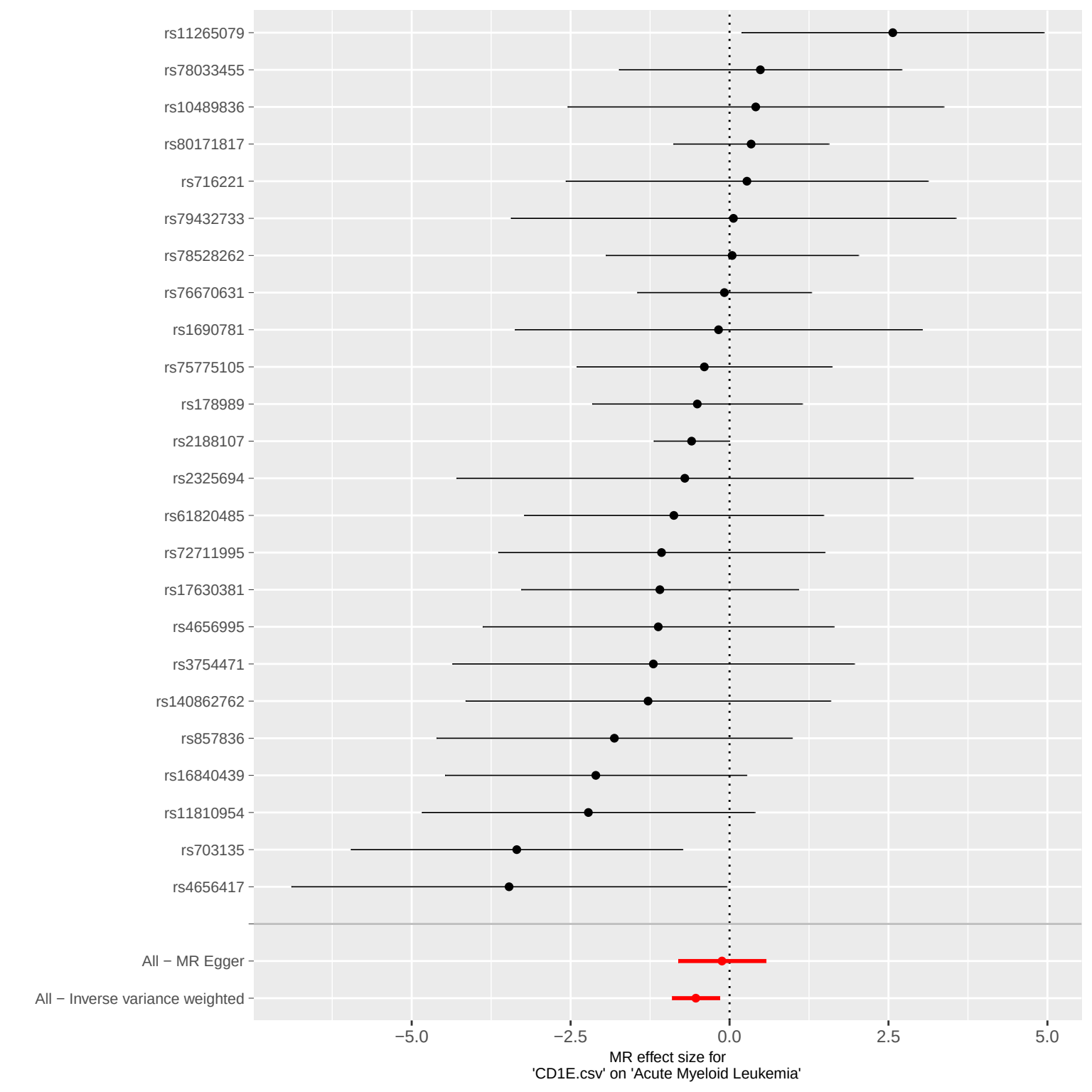
rs7534052
rs116173943
rs76670631
rs61820499
rs6699757
rs326007
rs61820485
rs2479864
rs857836
rs16840439
rs1690769
rs4656417
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CD1B.csv' on 'Acute Myeloid Leukemia'


rs113938860
rs4657080
rs111887029
rs16840748
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CD1D.csv' on 'Acute Myeloid Leukemia'


rs11265079
rs78033455
rs10489836
rs80171817
rs716221
rs79432733
rs78528262
rs76670631
rs1690781
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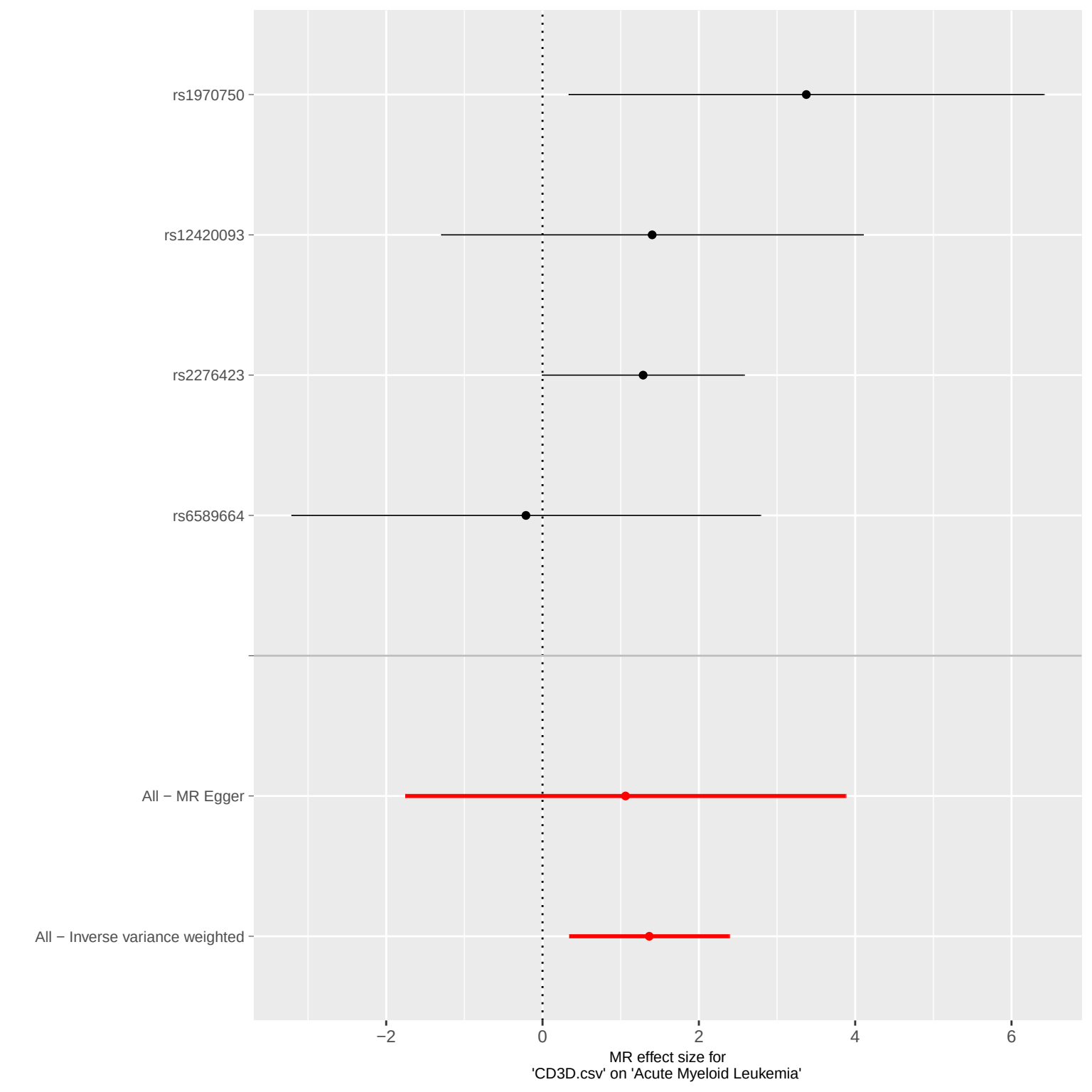
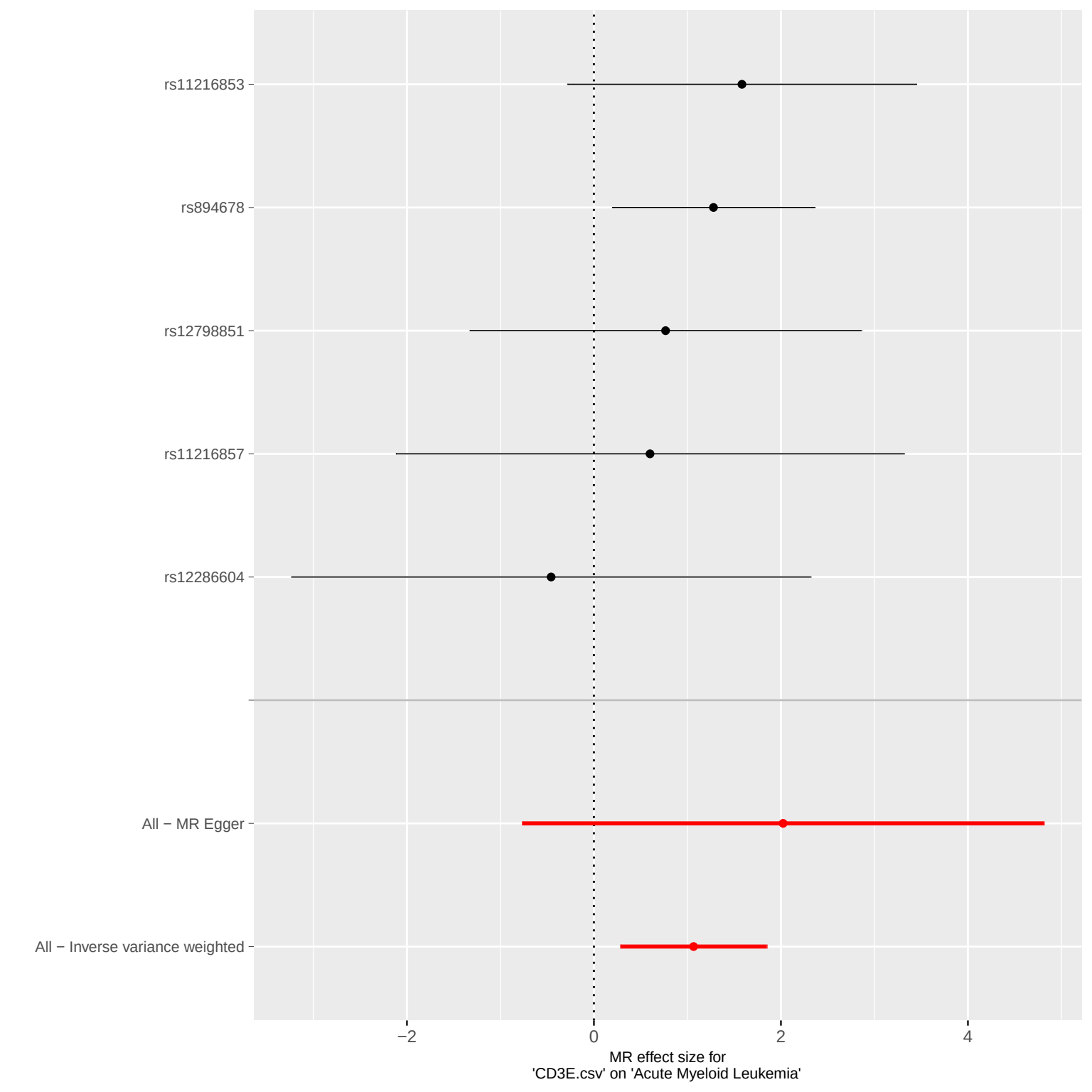
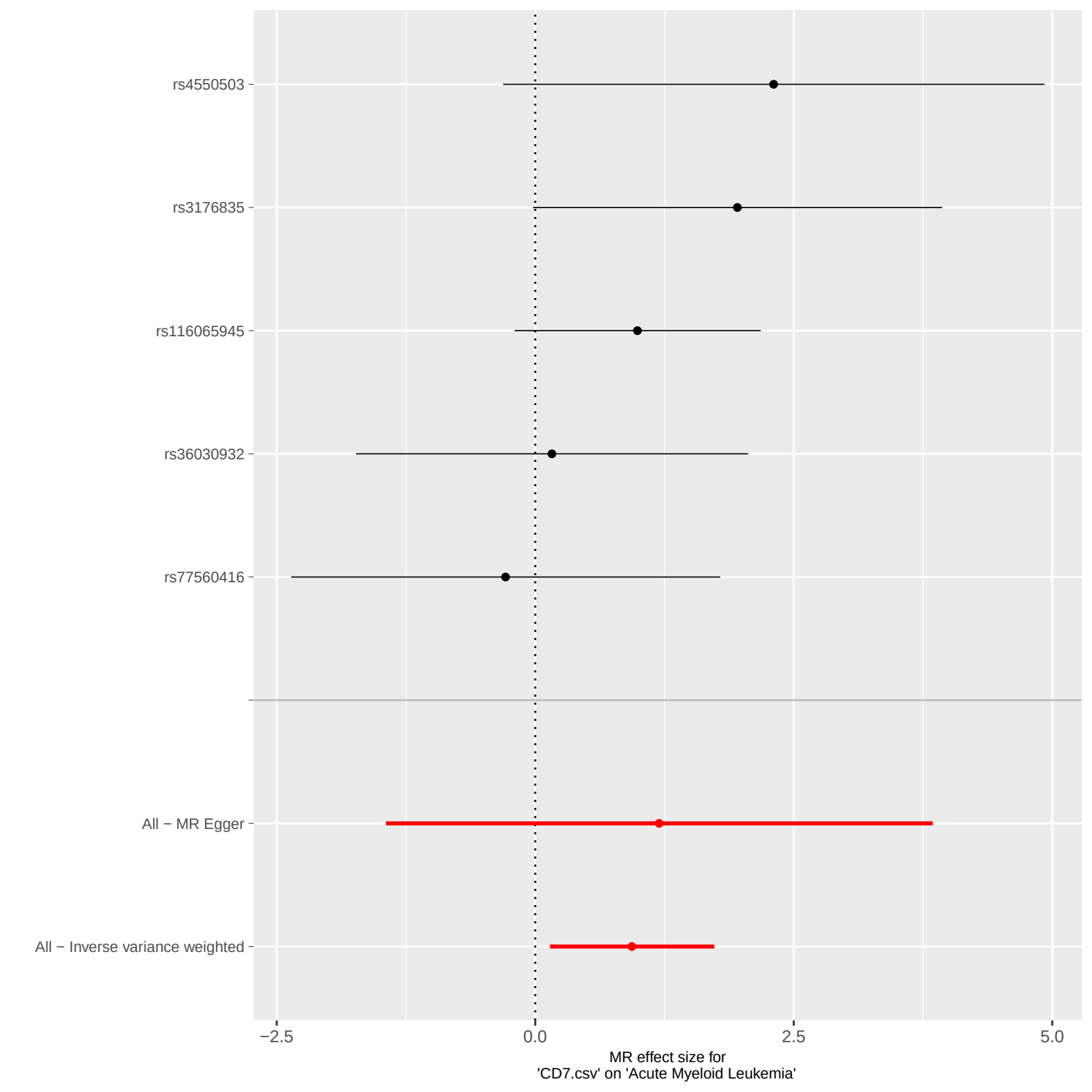
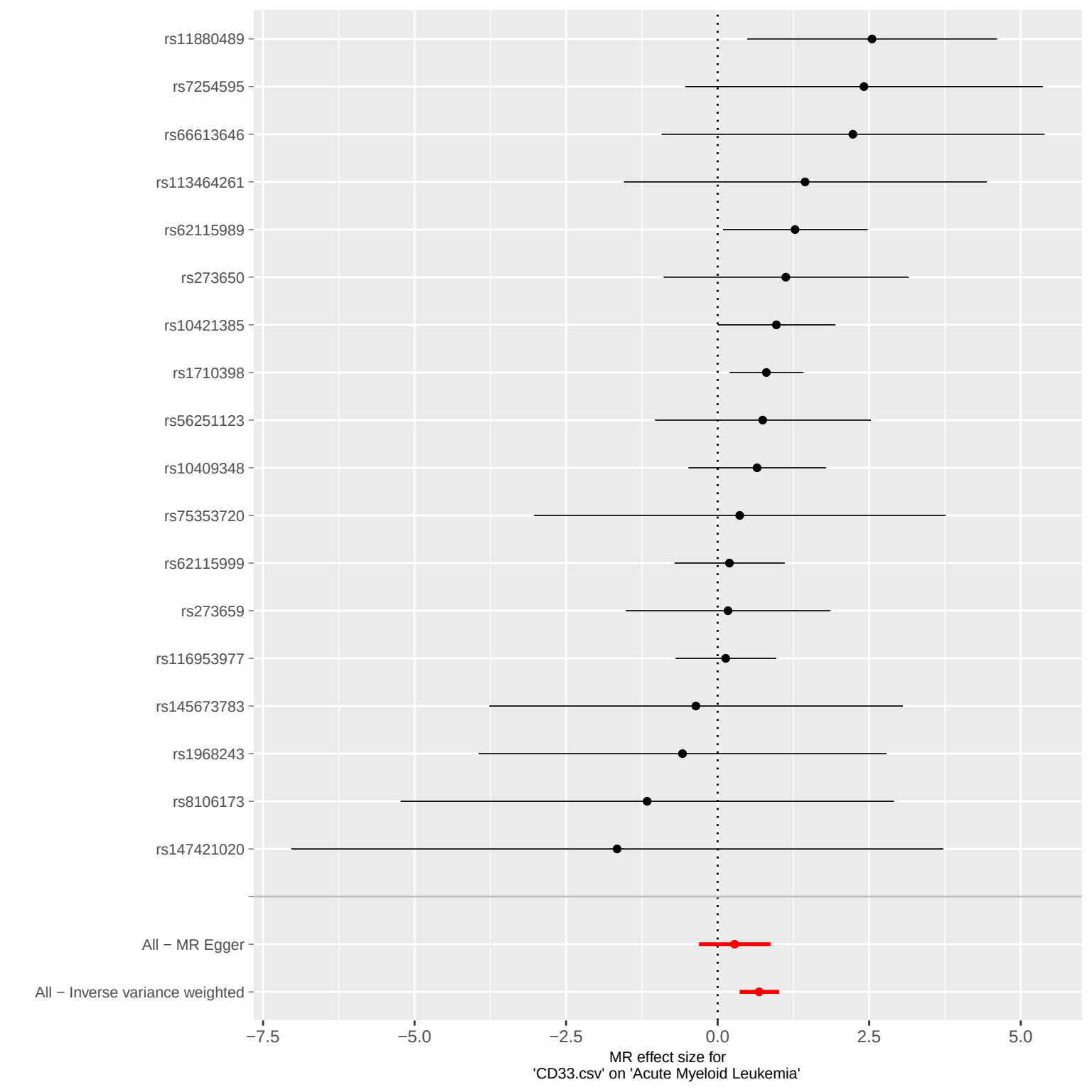
rs178989
rs2188107
rs2325694
rs61820485
rs72711995
rs17630381
rs4656995
rs3754471
rs140862762
rs857836
rs16840439
rs11810954
rs703135
rs4656417
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CD1E.csv' on 'Acute Myeloid Leukemia'


rs1970750
rs12420093
rs2276423
rs6589664
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'CD3D.csv' on 'Acute Myeloid Leukemia'


rs11216853
rs894678
rs12798851
rs11216857
rs12286604
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CD3E.csv' on 'Acute Myeloid Leukemia'


rs4550503
rs3176835
rs116065945
rs36030932
rs77560416
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CD7.csv' on 'Acute Myeloid Leukemia'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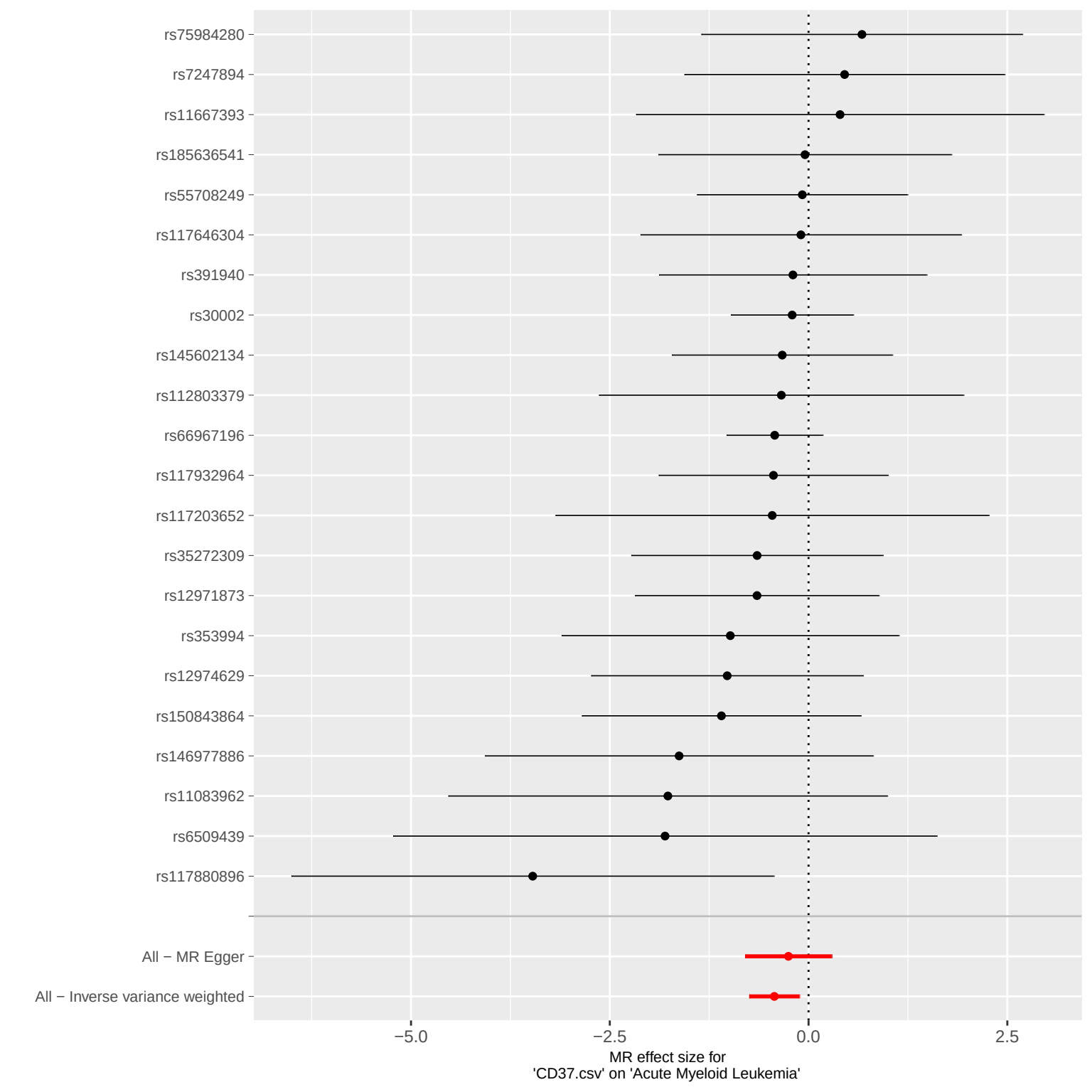
rs66613646
rs113464261
rs62115989
rs273650
rs10421385
rs1710398
rs56251123
rs10409348
rs75353720
rs62115999
rs273659
rs116953977
rs145673783
rs1968243
rs8106173
rs147421020
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CD33.csv' on 'Acute Myeloid Leukemia'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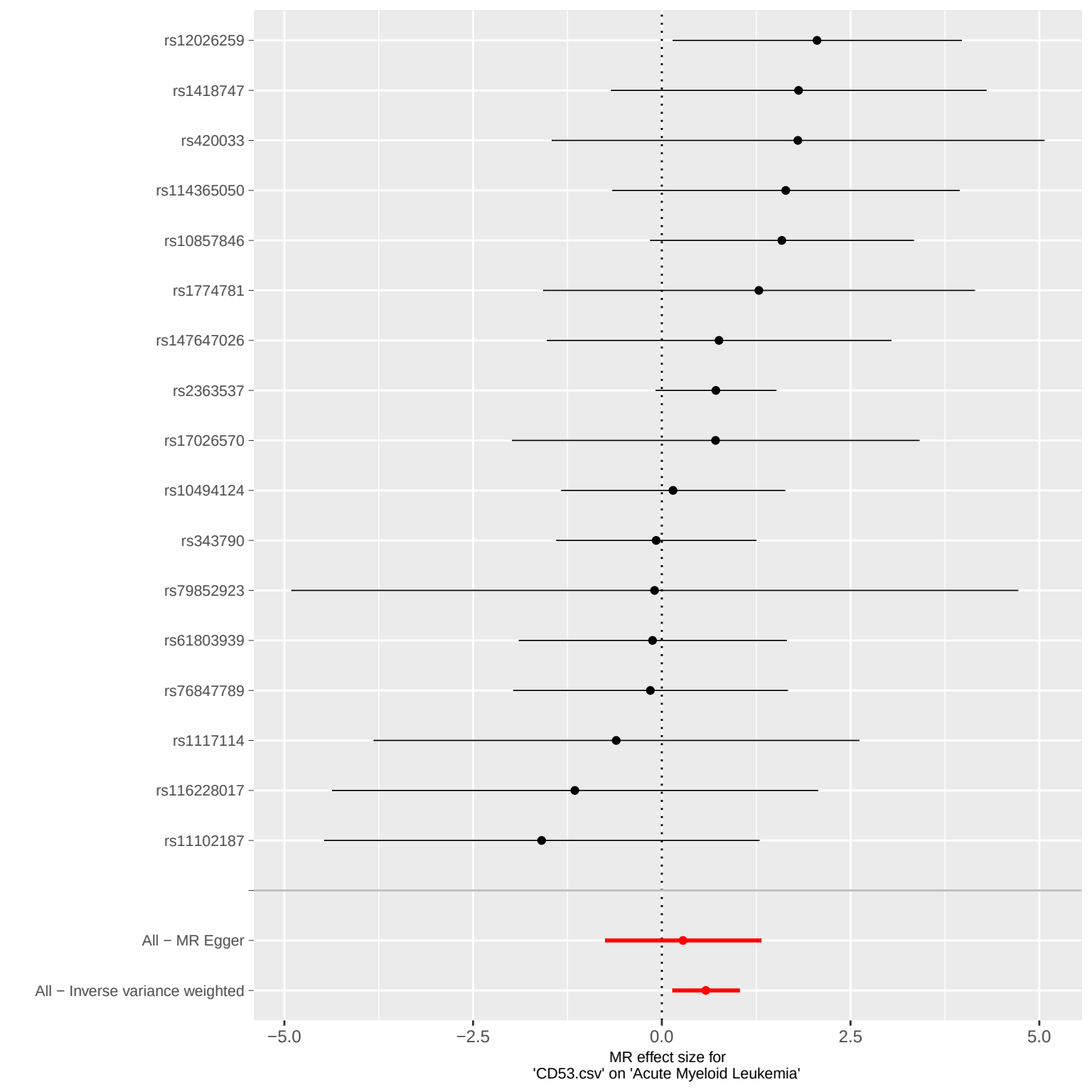
rs55708249
rs117646304
rs391940
rs30002
rs145602134
rs112803379
rs66967196
rs117932964
rs117203652
rs35272309
rs12971873
rs353994
rs12974629
rs150843864
rs146977886
rs11083962
rs6509439
rs117880896
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CD37.csv' on 'Acute Myeloid Leukemia'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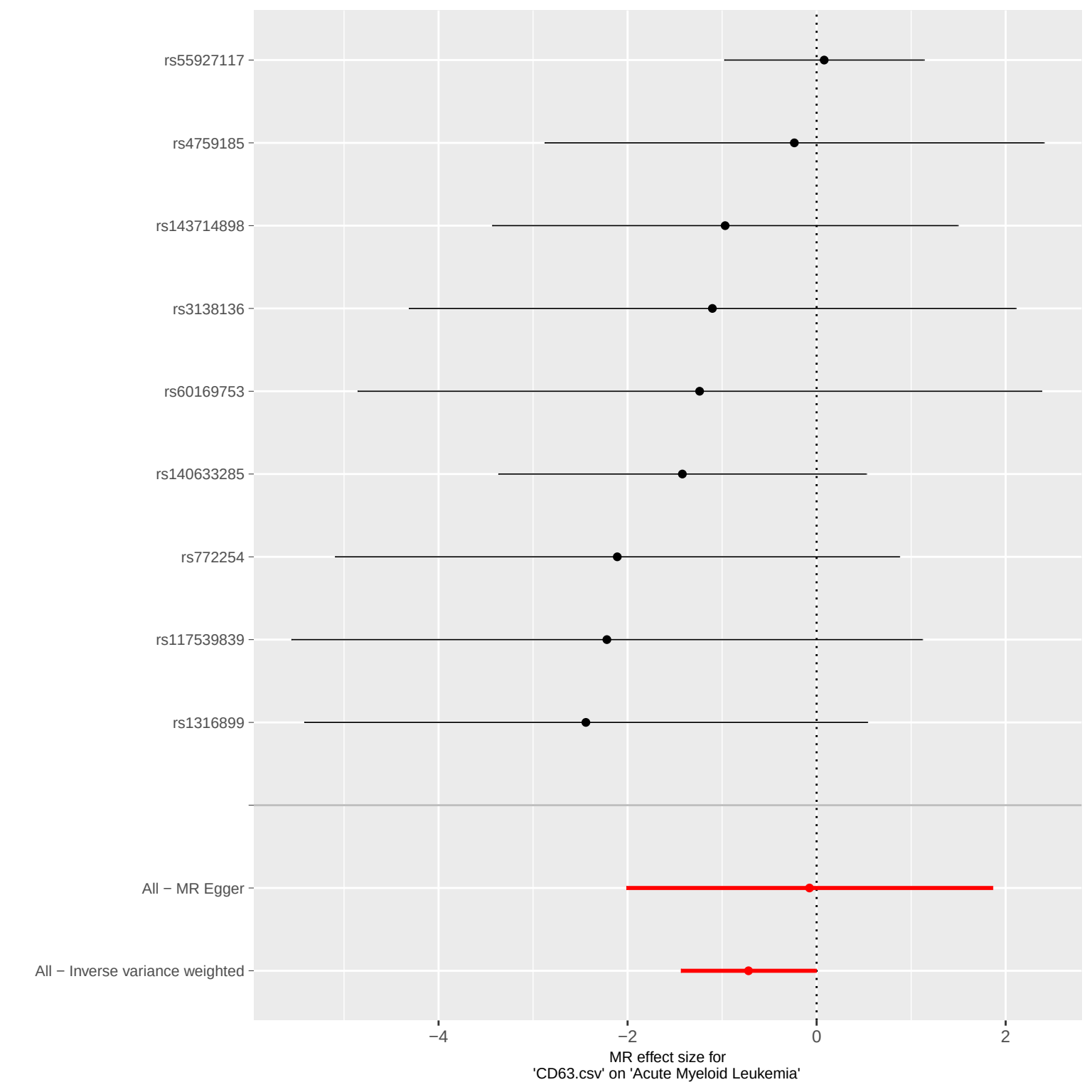
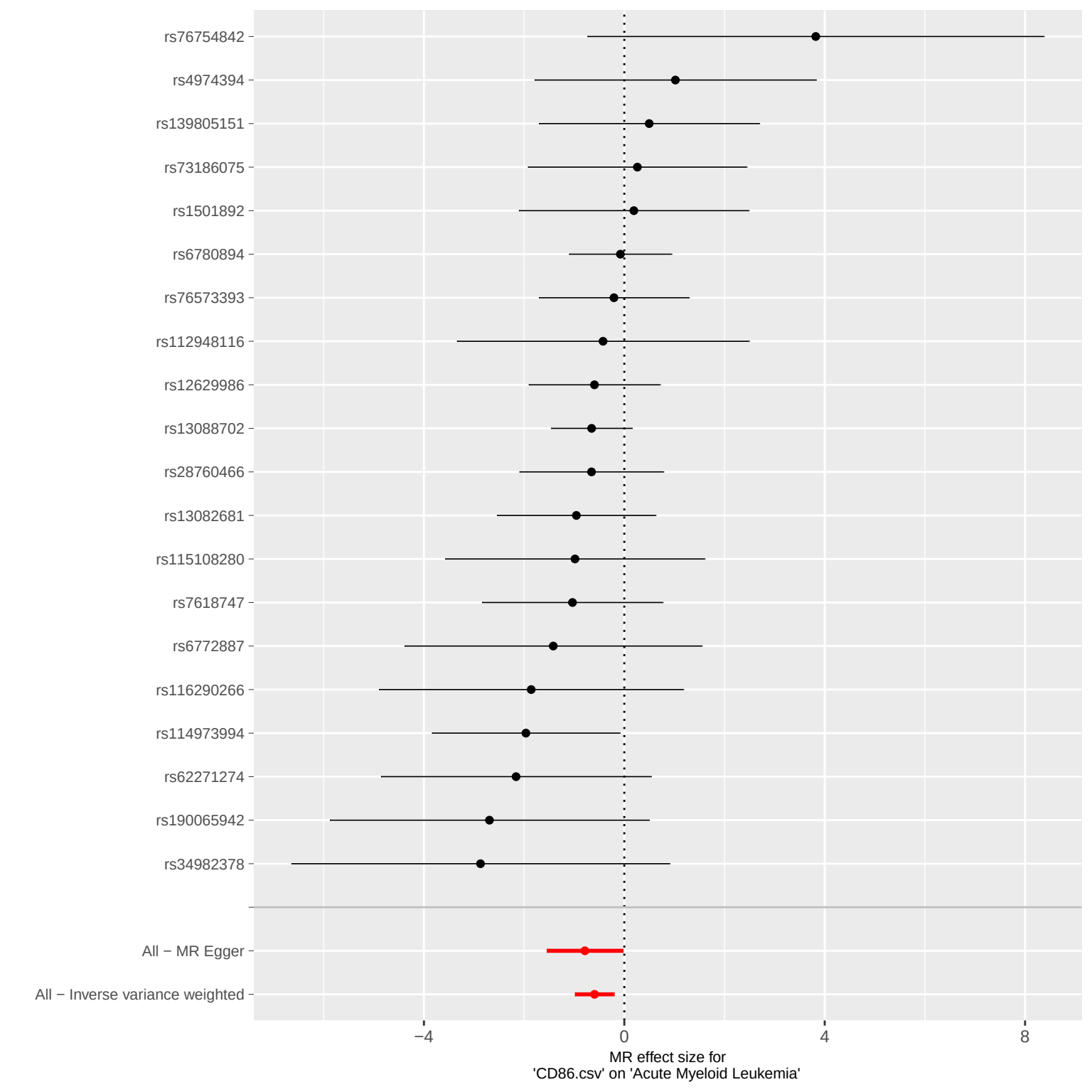
rs1418747
rs420033
rs114365050
rs10857846
rs1774781
rs147647026
rs2363537
rs17026570
rs10494124
rs343790
rs79852923
rs61803939
rs76847789
rs1117114
rs116228017
rs11102187
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CD53.csv' on 'Acute Myeloid Leukemia'


rs55927117
rs4759185
rs143714898
rs3138136
rs60169753
rs140633285
rs772254
rs117539839
rs1316899
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CD63.csv' on 'Acute Myeloid Leukemia'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rs4974394
rs139805151
rs73186075
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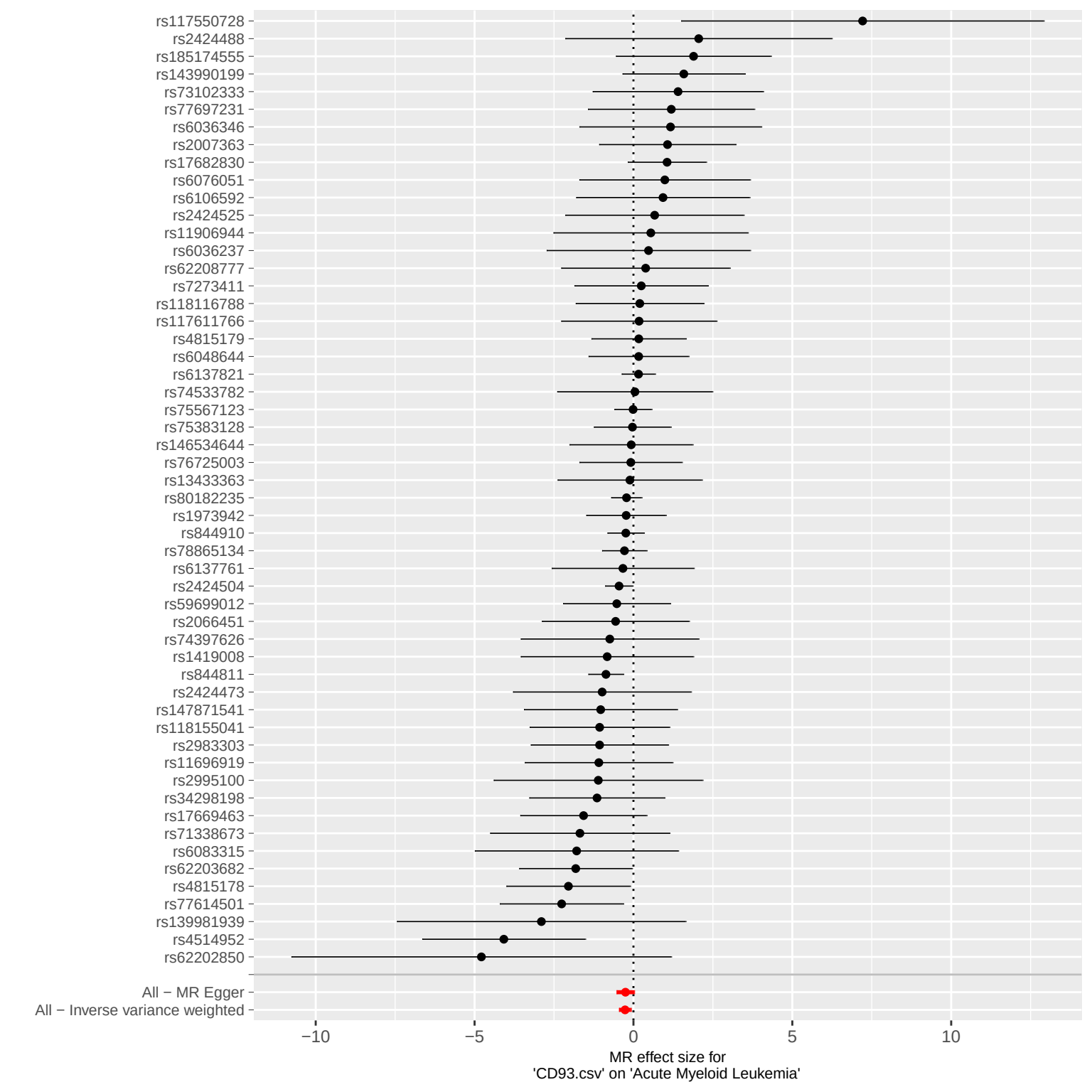
rs6780894
rs76573393
rs112948116
rs12629986
rs13088702
rs28760466
rs13082681
rs115108280
rs7618747
rs6772887
rs116290266
rs114973994
rs62271274
rs190065942
rs34982378
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'CD86.csv' on 'Acute Myeloid Leukemia'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rs2424488
rs185174555
rs143990199
rs73102333
rs77697231
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rs6076051
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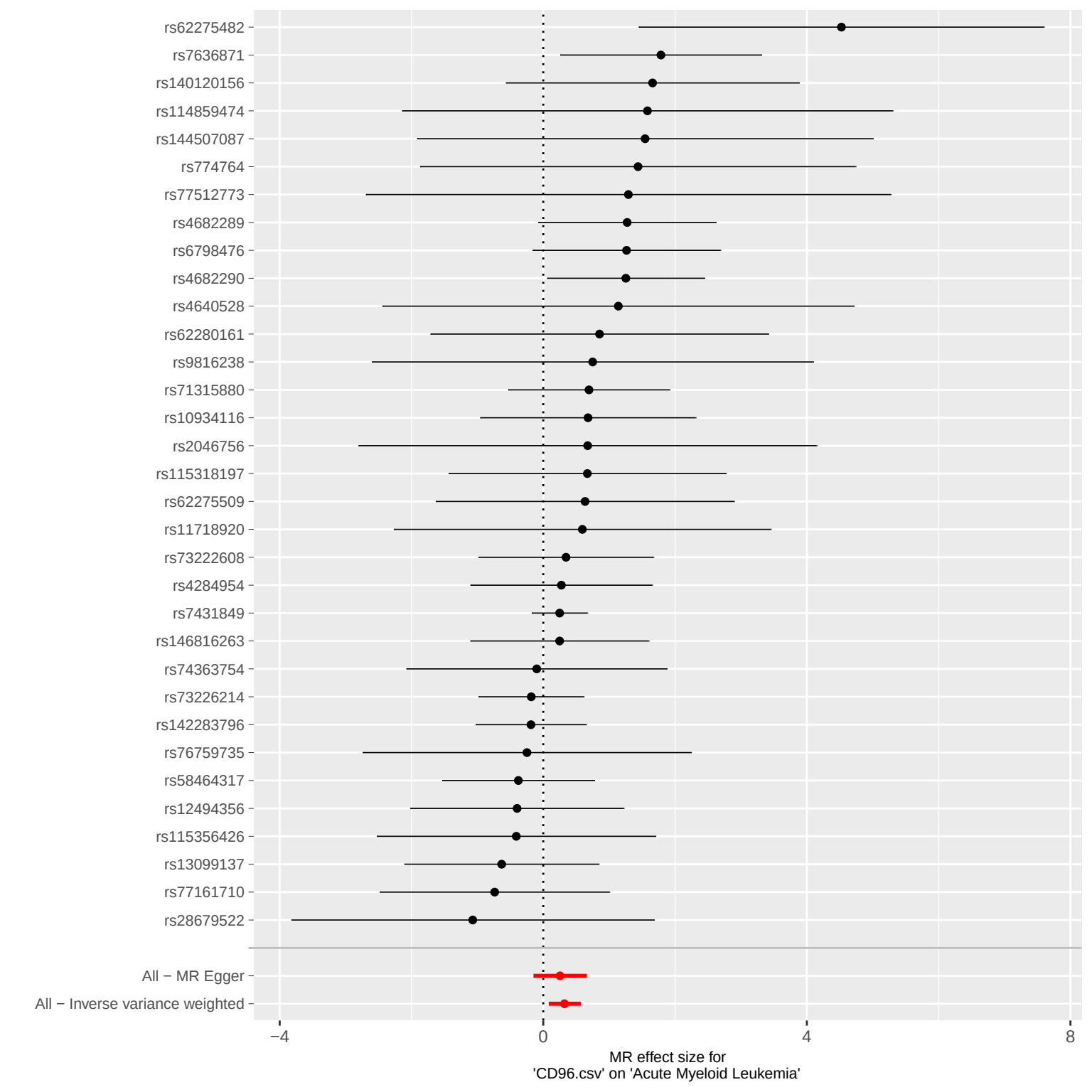
rs2424525
rs11906944
rs6036237
rs62208777
rs7273411
rs118116788
rs117611766
rs4815179
rs6048644
rs6137821
rs74533782
rs75567123
rs75383128
rs146534644
rs76725003
rs13433363
rs80182235
rs1973942
rs844910
rs78865134
rs6137761
rs2424504
rs59699012
rs2066451
rs74397626
rs1419008
rs844811
rs2424473
rs147871541
rs118155041
rs2983303
rs11696919
rs2995100
rs34298198
rs17669463
rs71338673
rs6083315
rs62203682
rs4815178
rs77614501
rs139981939
rs4514952
rs62202850
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'CD93.csv' on 'Acute Myeloid Leukemia'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rs774764
rs77512773
rs4682289
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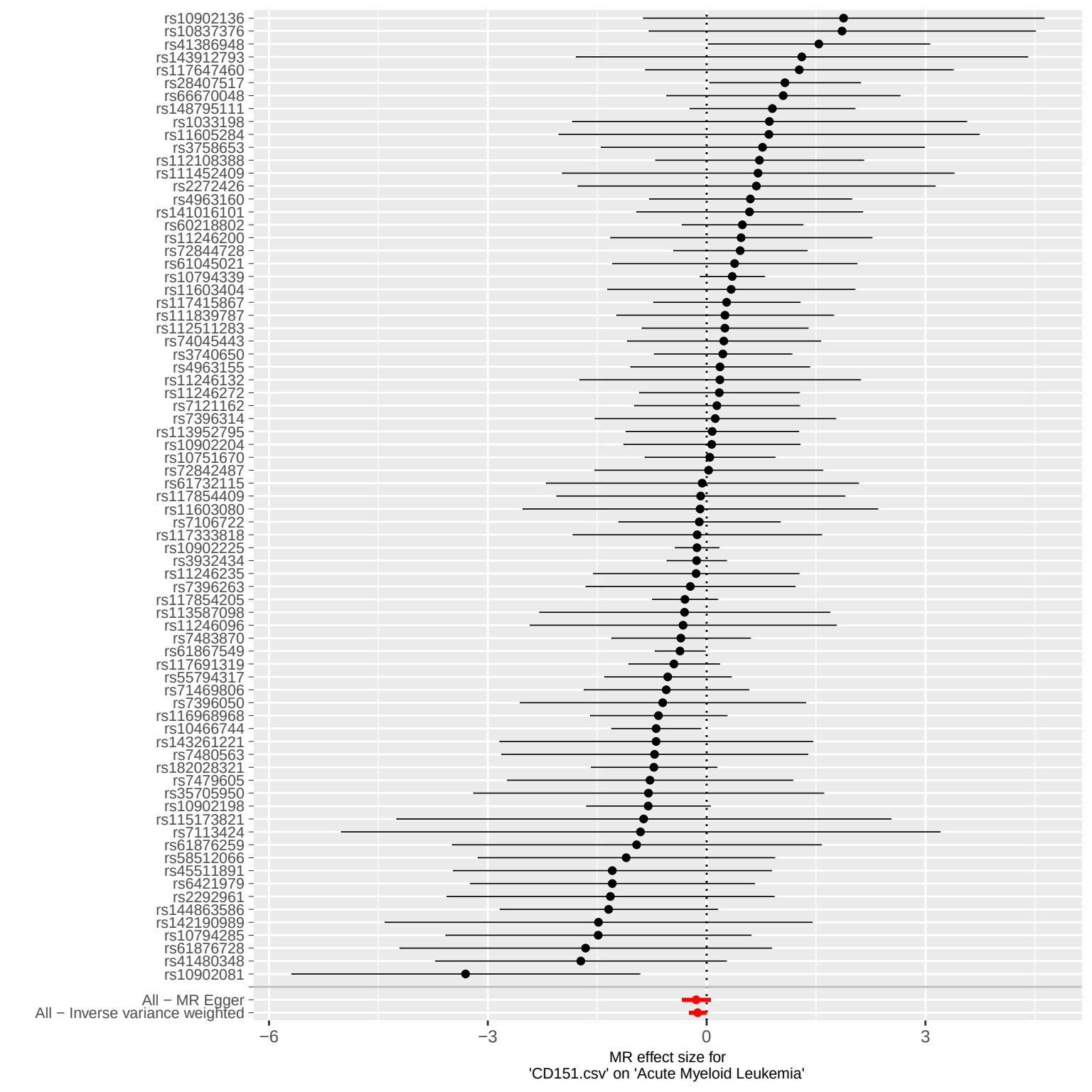
rs4640528
rs62280161
rs9816238
rs71315880
rs10934116
rs2046756
rs115318197
rs62275509
rs11718920
rs73222608
rs4284954
rs7431849
rs146816263
rs74363754
rs73226214
rs142283796
rs76759735
rs58464317
rs12494356
rs115356426
rs13099137
rs77161710
rs28679522
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'CD96.csv' on 'Acute Myeloid Leukemia'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rs3758653
rs112108388
rs111452409
rs2272426
rs4963160
rs141016101
rs60218802
rs11246200
rs72844728
rs61045021
rs10794339
rs11603404
rs117415867
rs111839787
rs112511283
rs74045443
rs3740650
rs4963155
rs11246132
rs11246272
rs7121162
rs7396314
rs113952795
rs10902204
rs10751670
rs72842487
rs61732115
rs117854409
rs11603080
rs7106722
rs117333818
rs10902225
rs3932434
rs11246235
rs7396263
rs117854205
rs113587098
rs11246096
rs7483870
rs61867549
rs117691319
rs55794317
rs71469806
rs7396050
rs116968968
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rs7480563
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rs35705950
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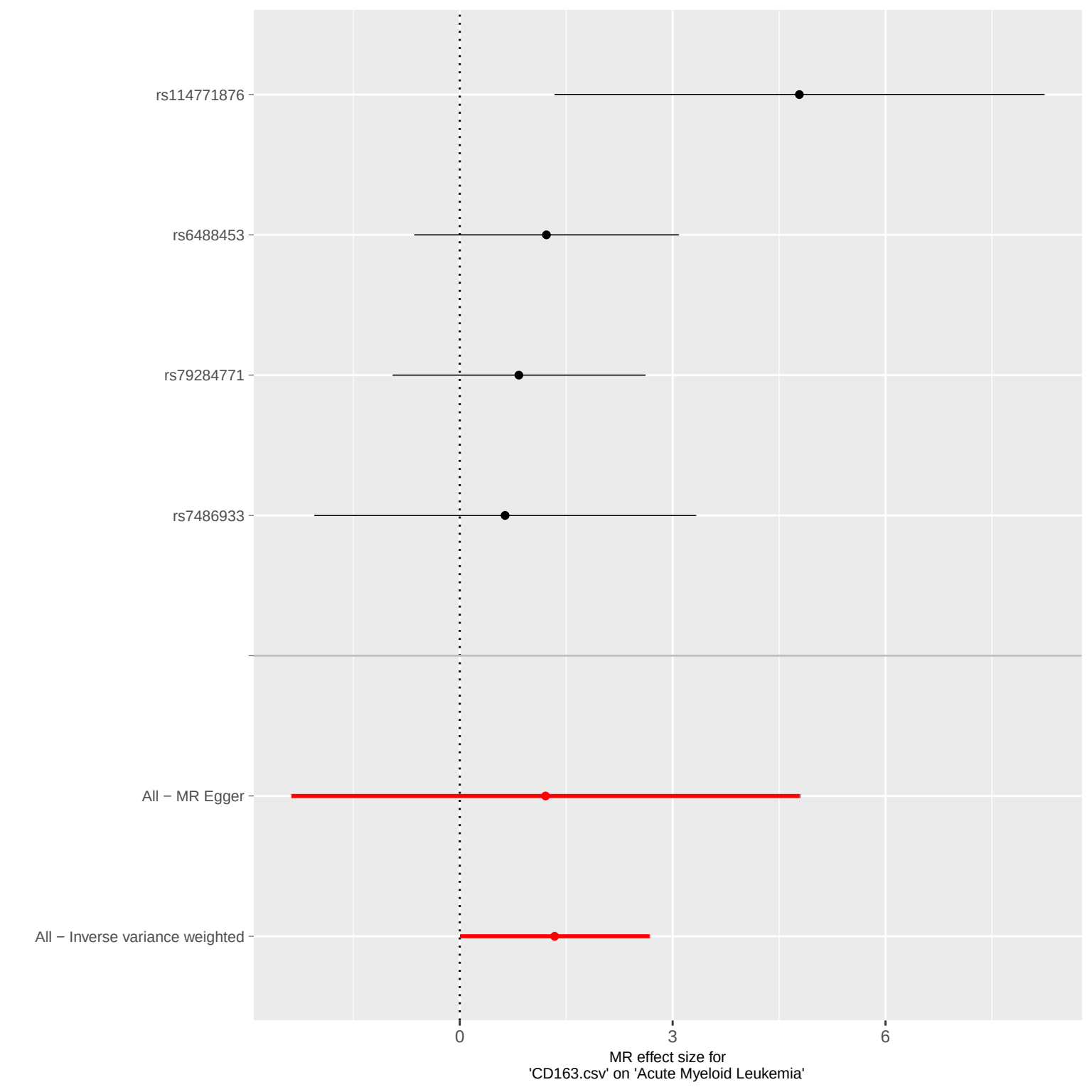
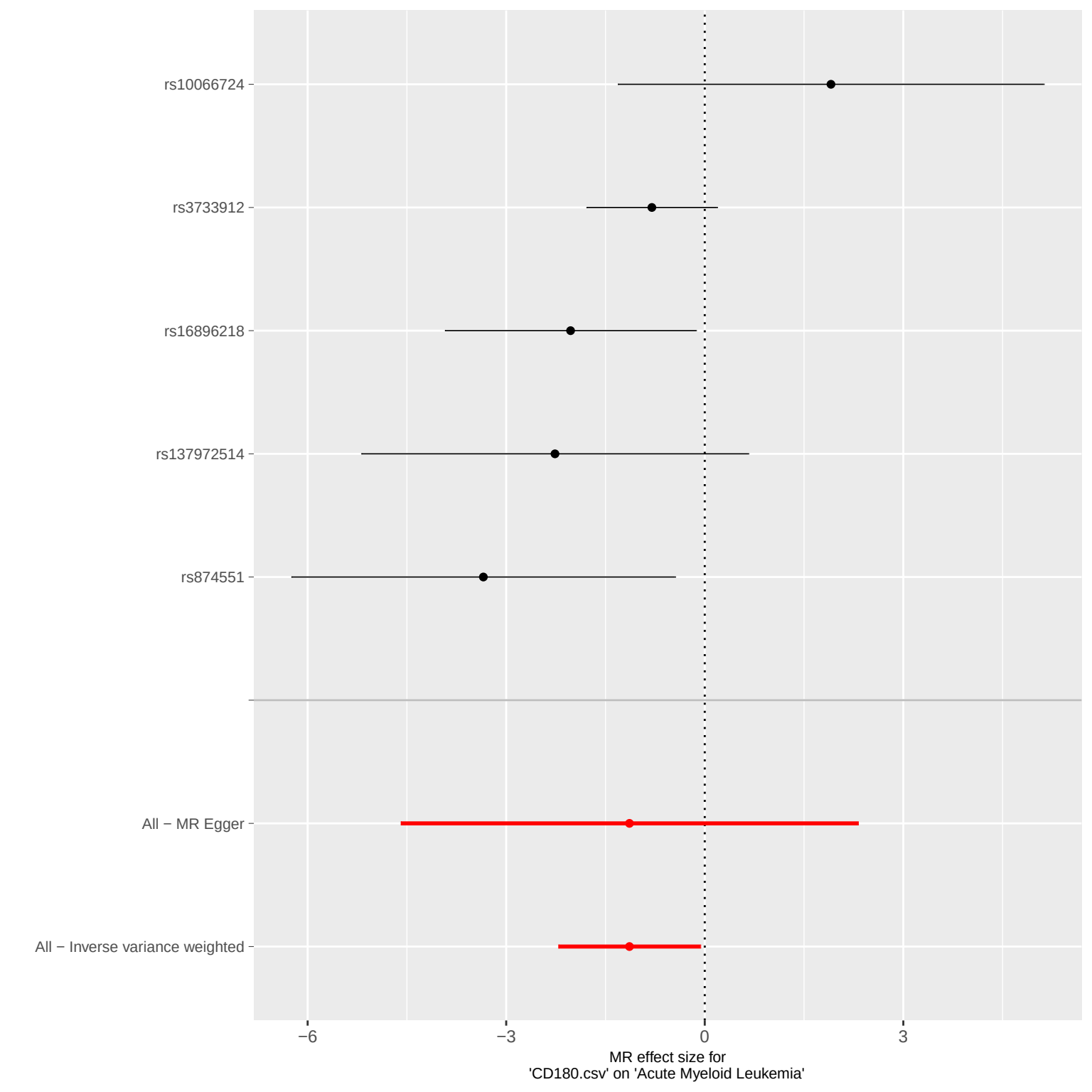
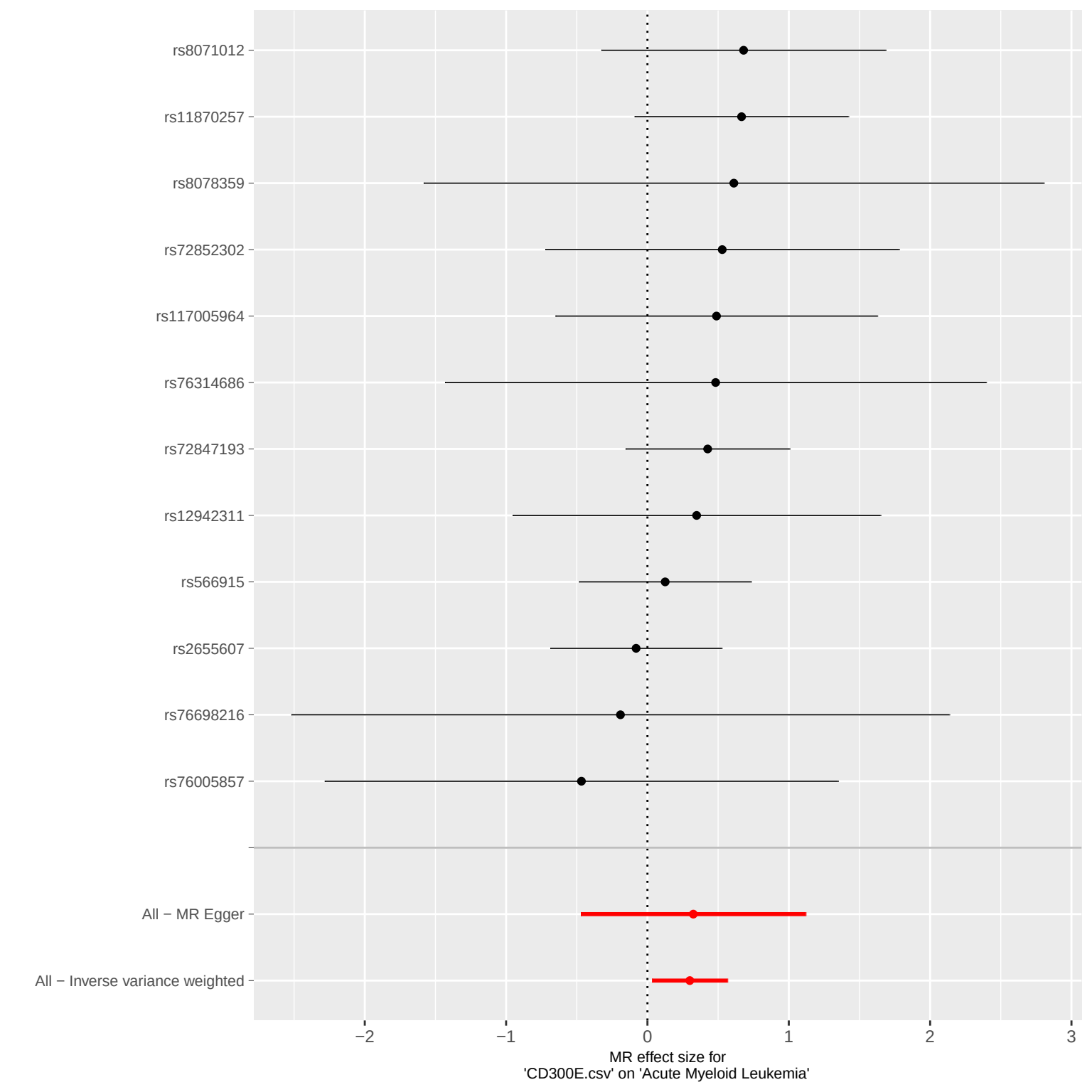
rs58512066
rs45511891
rs6421979
rs2292961
rs144863586
rs142190989
rs10794285
rs61876728
rs41480348
rs10902081
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'CD151.csv' on 'Acute Myeloid Leukemia'


rs114771876
rs6488453
rs79284771
rs7486933
All − MR Egger
All − Inverse variance weighted
0
3
6
MR effect size for
'CD163.csv' on 'Acute Myeloid Leukemia'


rs10066724
rs3733912
rs16896218
rs137972514
rs874551
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'CD180.csv' on 'Acute Myeloid Leukemia'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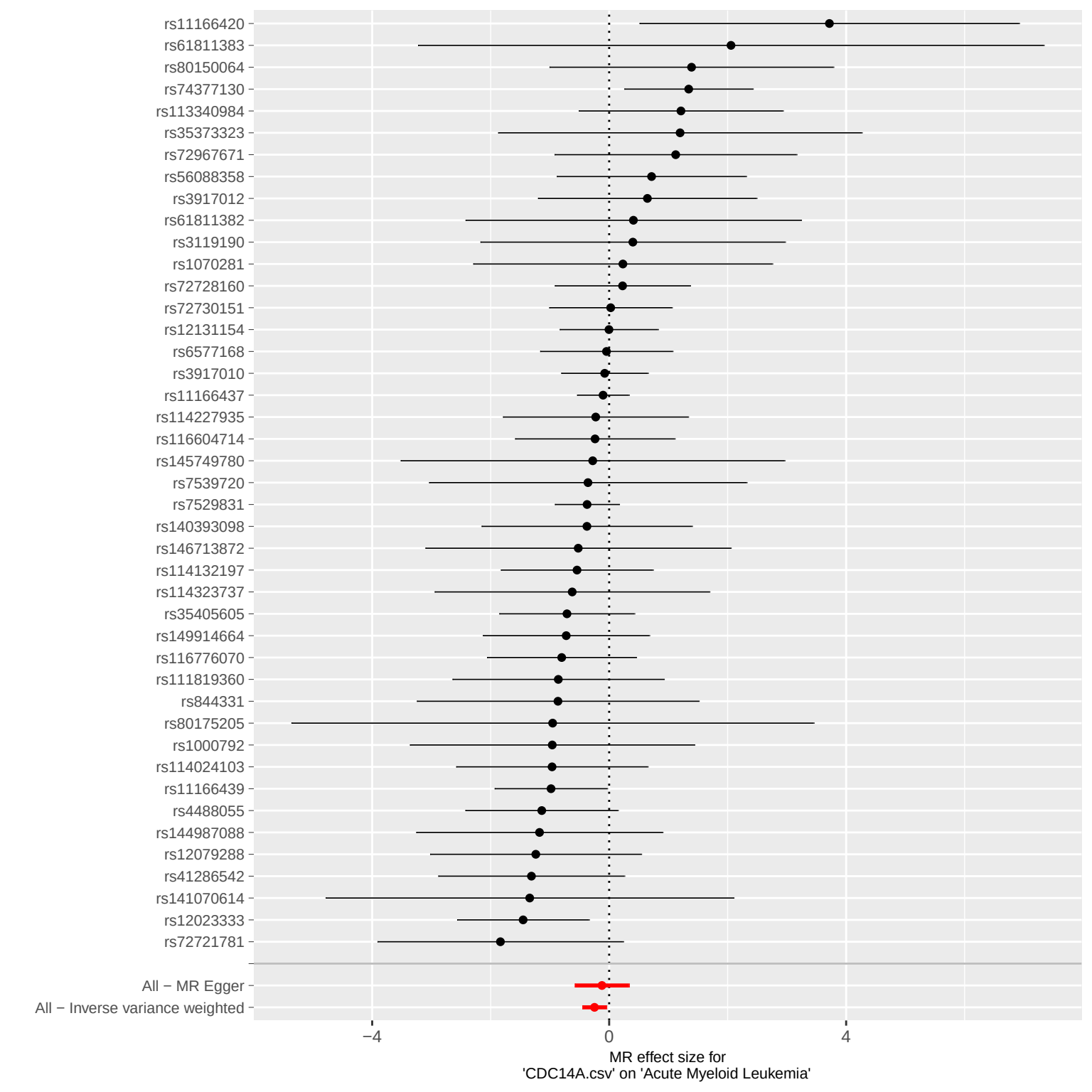
rs11870257
rs8078359
rs72852302
rs117005964
rs76314686
rs72847193
rs12942311
rs566915
rs2655607
rs76698216
rs76005857
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'CD300E.csv' on 'Acute Myeloid Leukemia'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rs61811383
rs80150064
rs74377130
rs113340984
rs35373323
rs72967671
rs56088358
rs3917012
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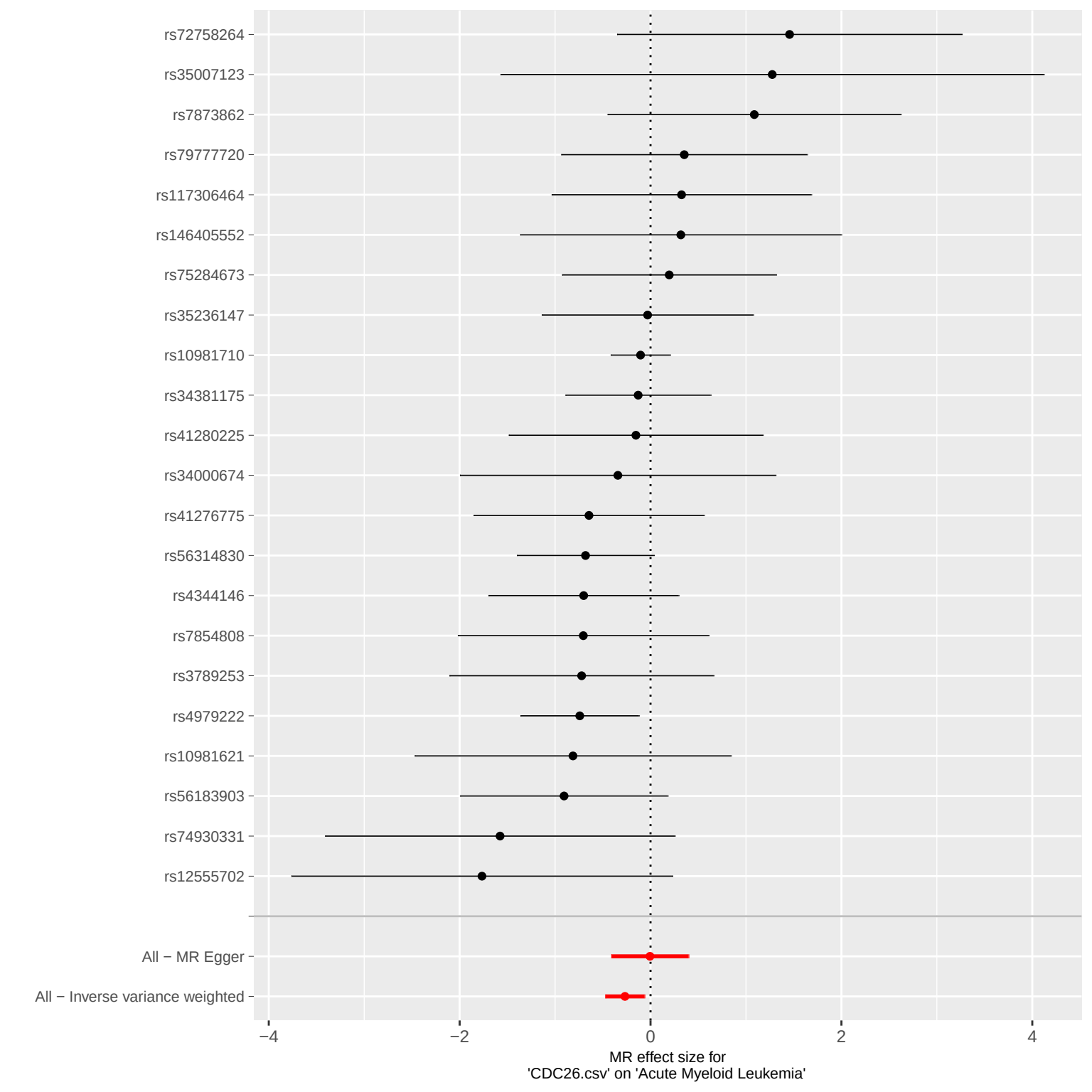
rs1070281
rs72728160
rs72730151
rs12131154
rs6577168
rs3917010
rs11166437
rs114227935
rs116604714
rs145749780
rs7539720
rs7529831
rs140393098
rs146713872
rs114132197
rs114323737
rs35405605
rs149914664
rs116776070
rs111819360
rs844331
rs80175205
rs1000792
rs114024103
rs11166439
rs4488055
rs144987088
rs12079288
rs41286542
rs141070614
rs12023333
rs72721781
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CDC14A.csv' on 'Acute Myeloid Leukemia'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rs146405552
rs75284673
rs35236147
rs10981710
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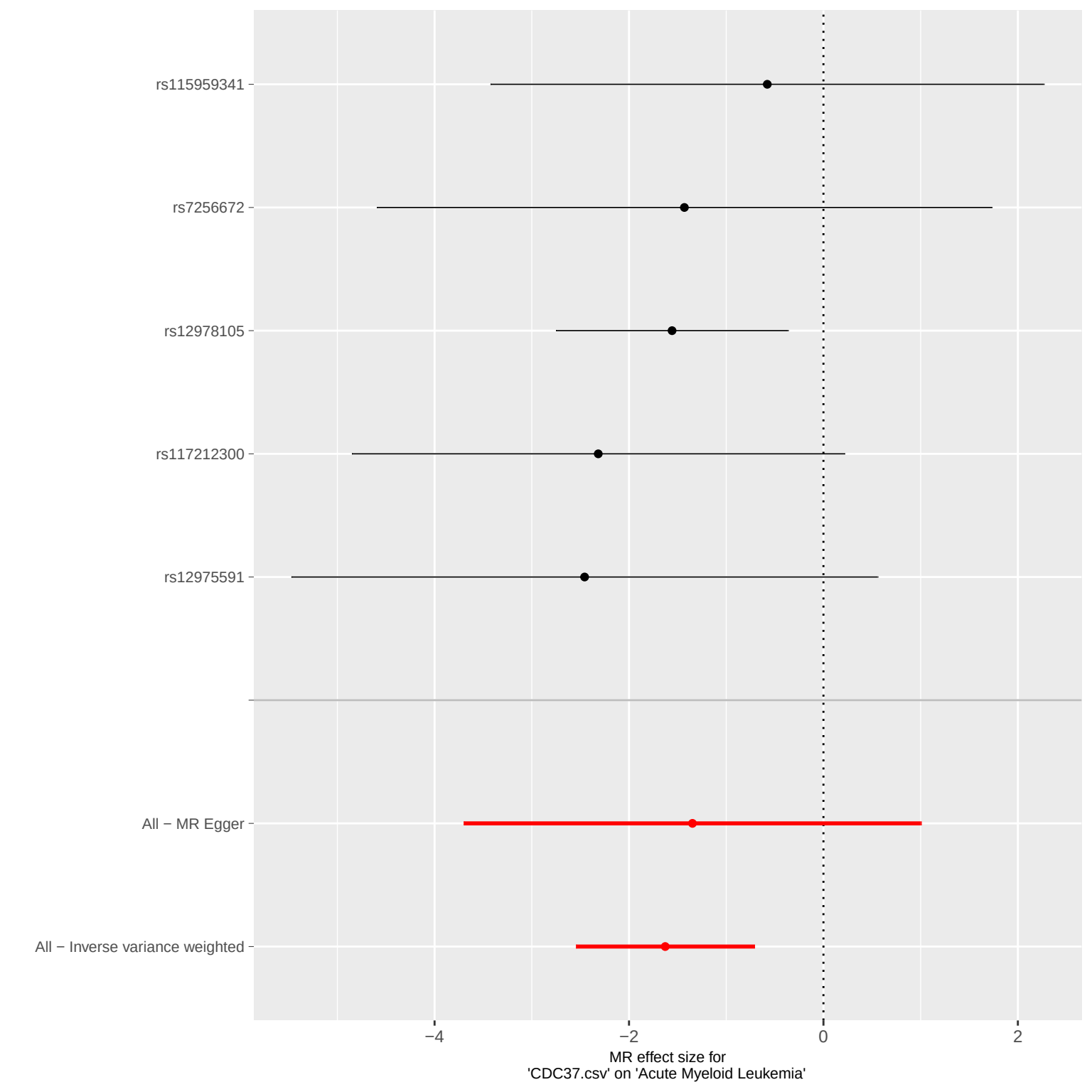
rs41276775
rs56314830
rs4344146
rs7854808
rs3789253
rs4979222
rs10981621
rs56183903
rs74930331
rs12555702
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CDC26.csv' on 'Acute Myeloid Leukemia'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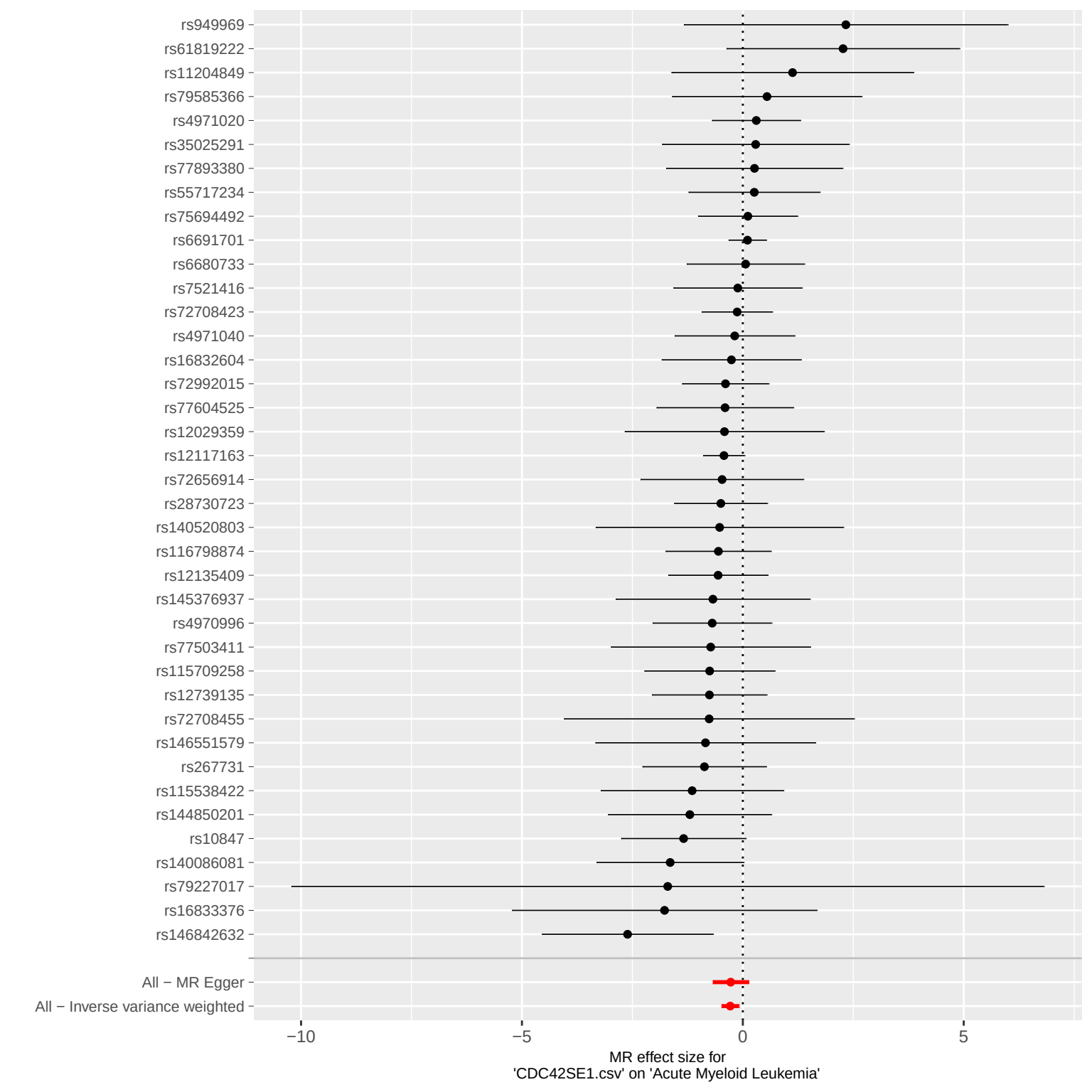
rs7256672
rs12978105
rs117212300
rs12975591
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CDC37.csv' on 'Acute Myeloid Leukemia'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rs72708423
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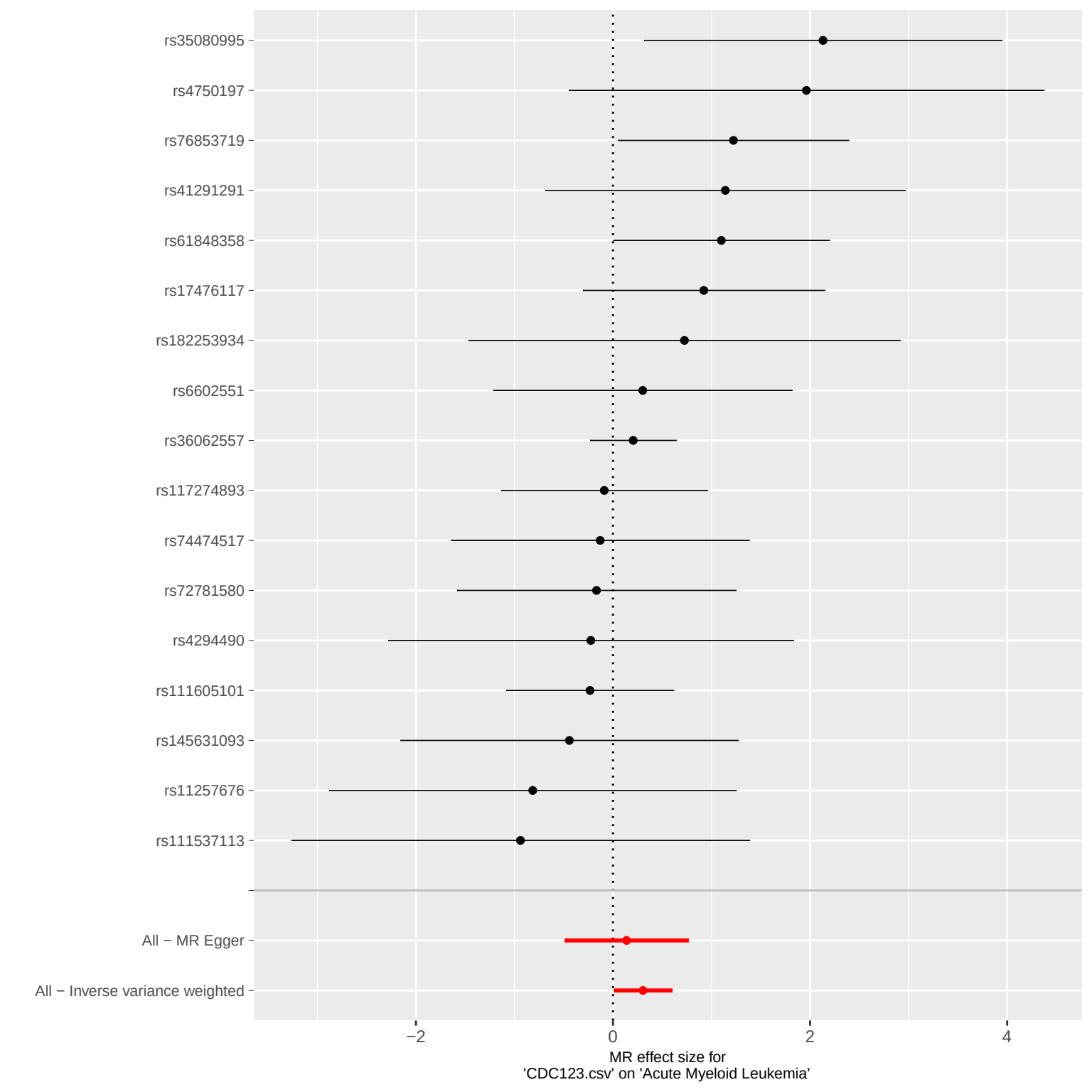
rs4970996
rs77503411
rs115709258
rs12739135
rs72708455
rs146551579
rs267731
rs115538422
rs144850201
rs10847
rs140086081
rs79227017
rs16833376
rs146842632
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CDC42SE1.csv' on 'Acute Myeloid Leukemia'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rs6602551
rs36062557
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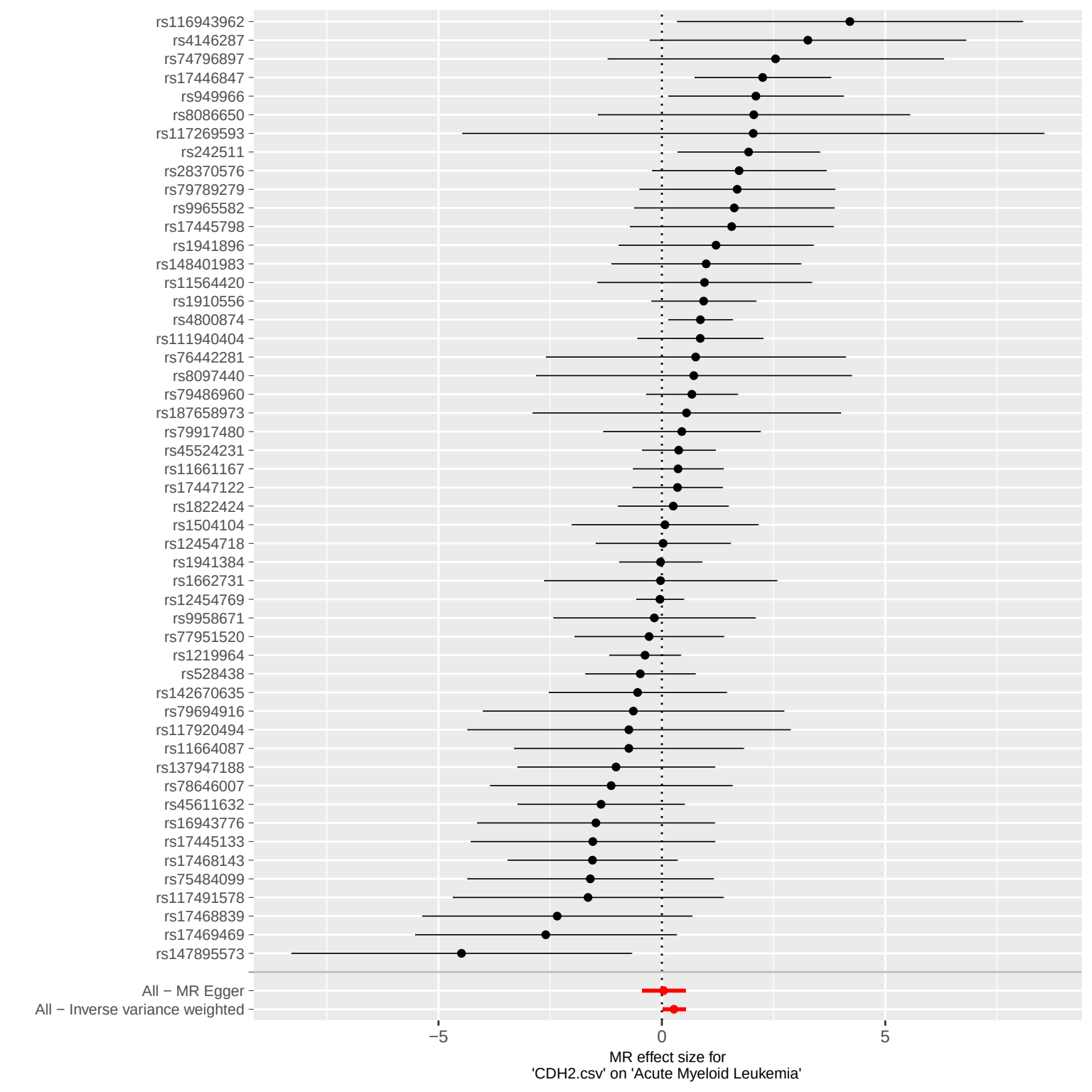
rs74474517
rs72781580
rs4294490
rs111605101
rs145631093
rs11257676
rs111537113
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CDC123.csv' on 'Acute Myeloid Leukemia'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rs528438
rs142670635
rs79694916
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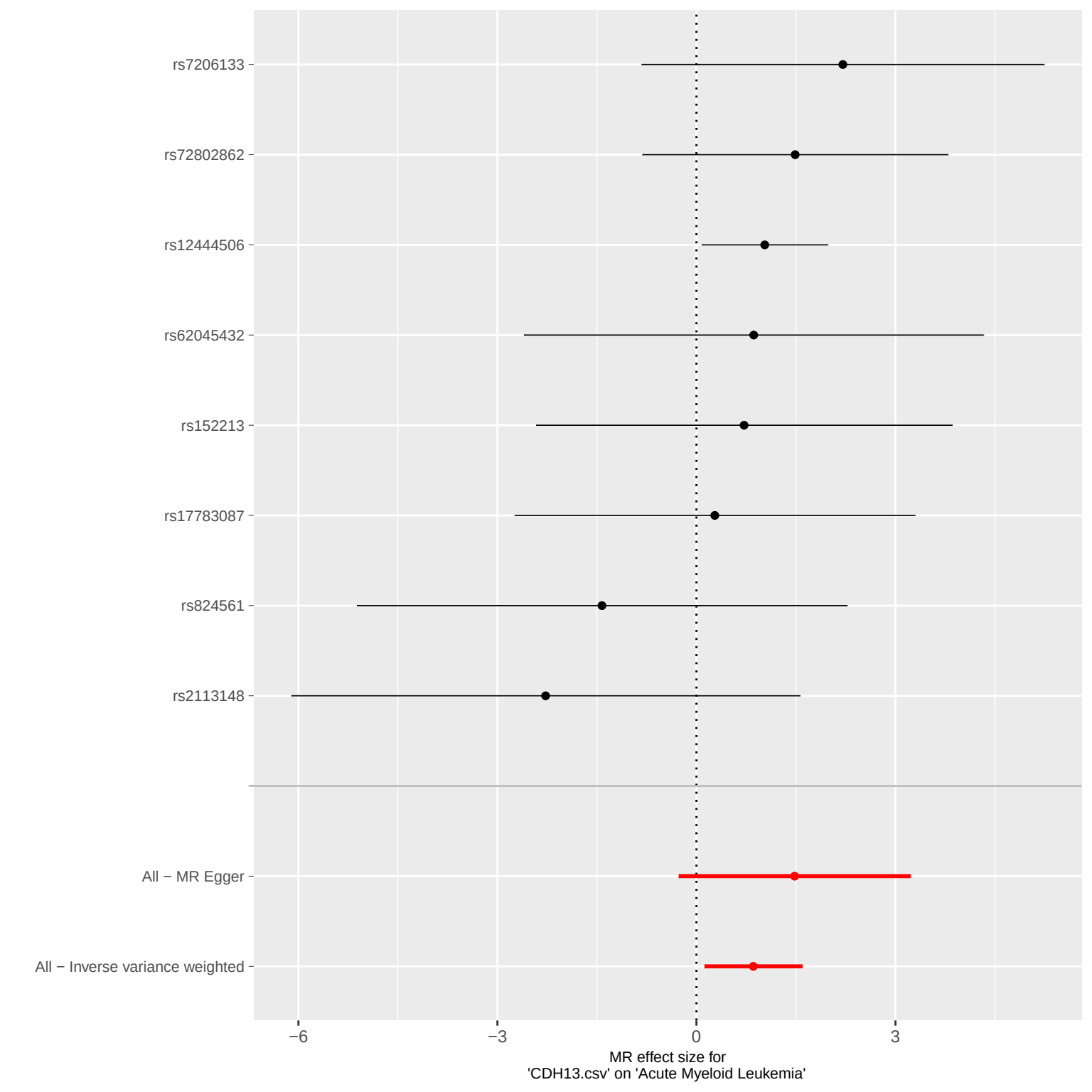
rs11664087
rs137947188
rs78646007
rs45611632
rs16943776
rs17445133
rs17468143
rs75484099
rs117491578
rs17468839
rs17469469
rs147895573
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'CDH2.csv' on 'Acute Myeloid Leukemia'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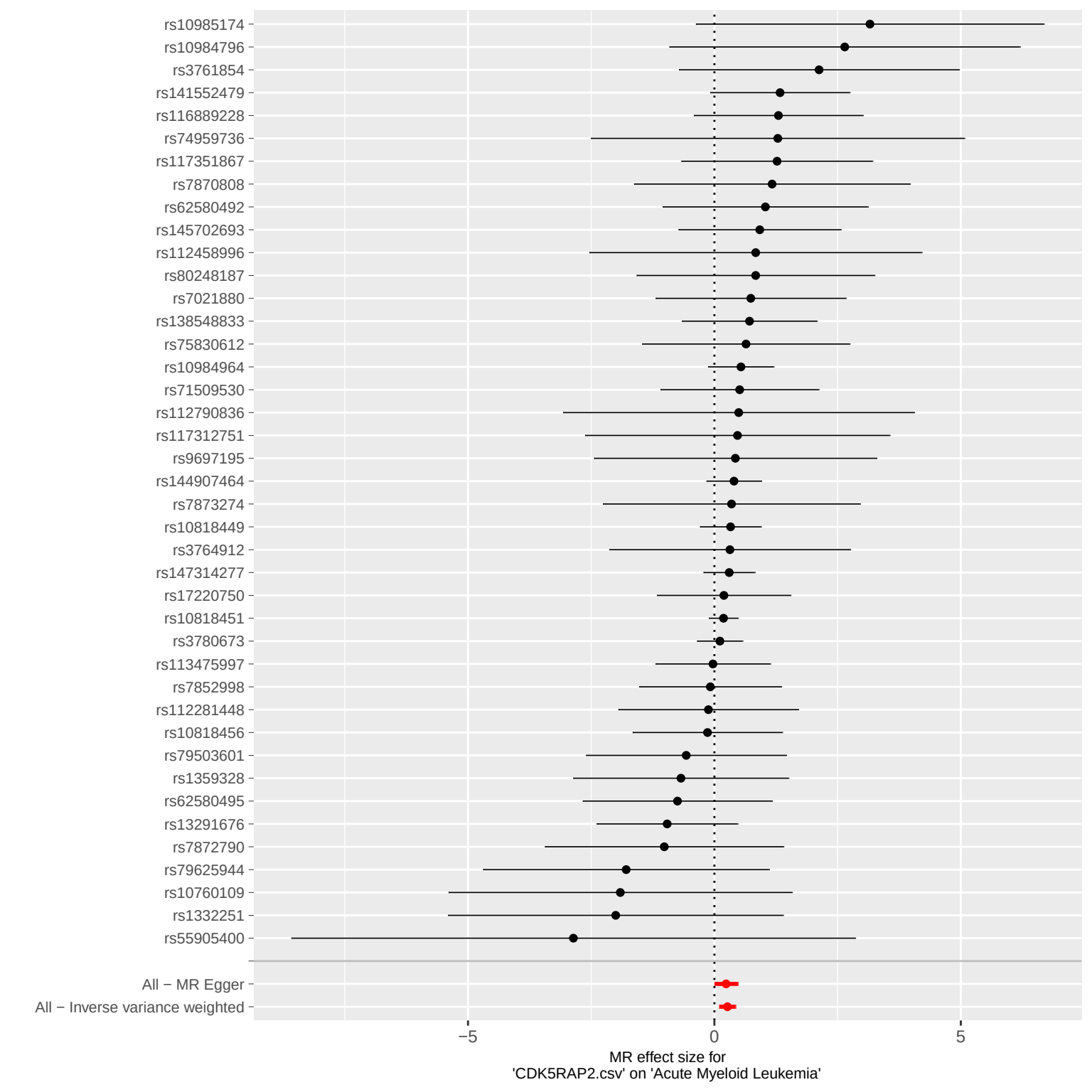
rs72802862
rs12444506
rs62045432
rs152213
rs17783087
rs824561
rs2113148
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'CDH13.csv' on 'Acute Myeloid Leukemia'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rs10984796
rs3761854
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All − MR Egger
All − Inverse variance weighted
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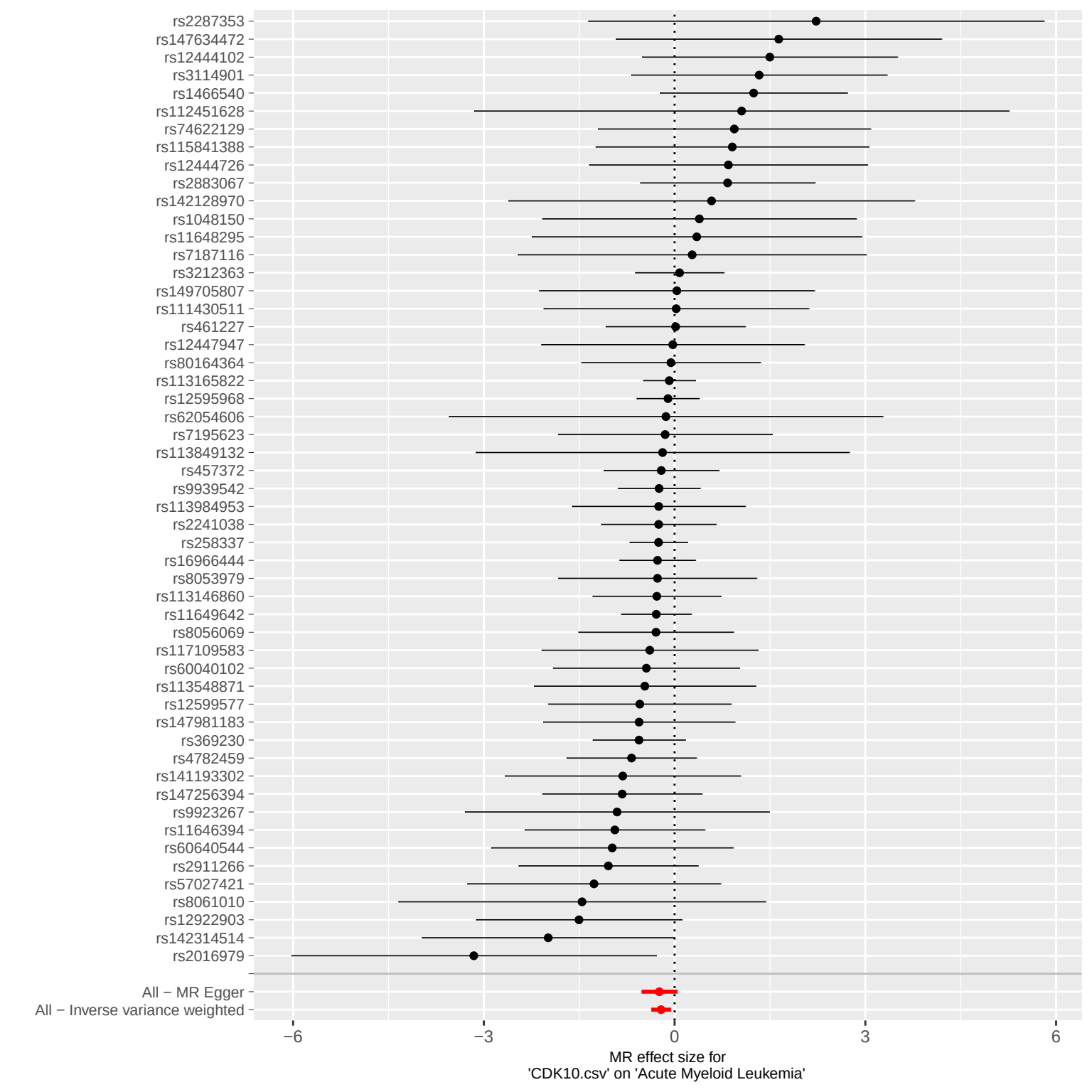
MR effect size for
'CDK5RAP2.csv' on 'Acute Myeloid Leukemia'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rs11649642
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rs4782459
rs141193302
rs147256394
rs9923267
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rs60640544
rs2911266
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rs8061010
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rs142314514
rs2016979
All − MR Egger
All − Inverse variance weighted
−6
−3
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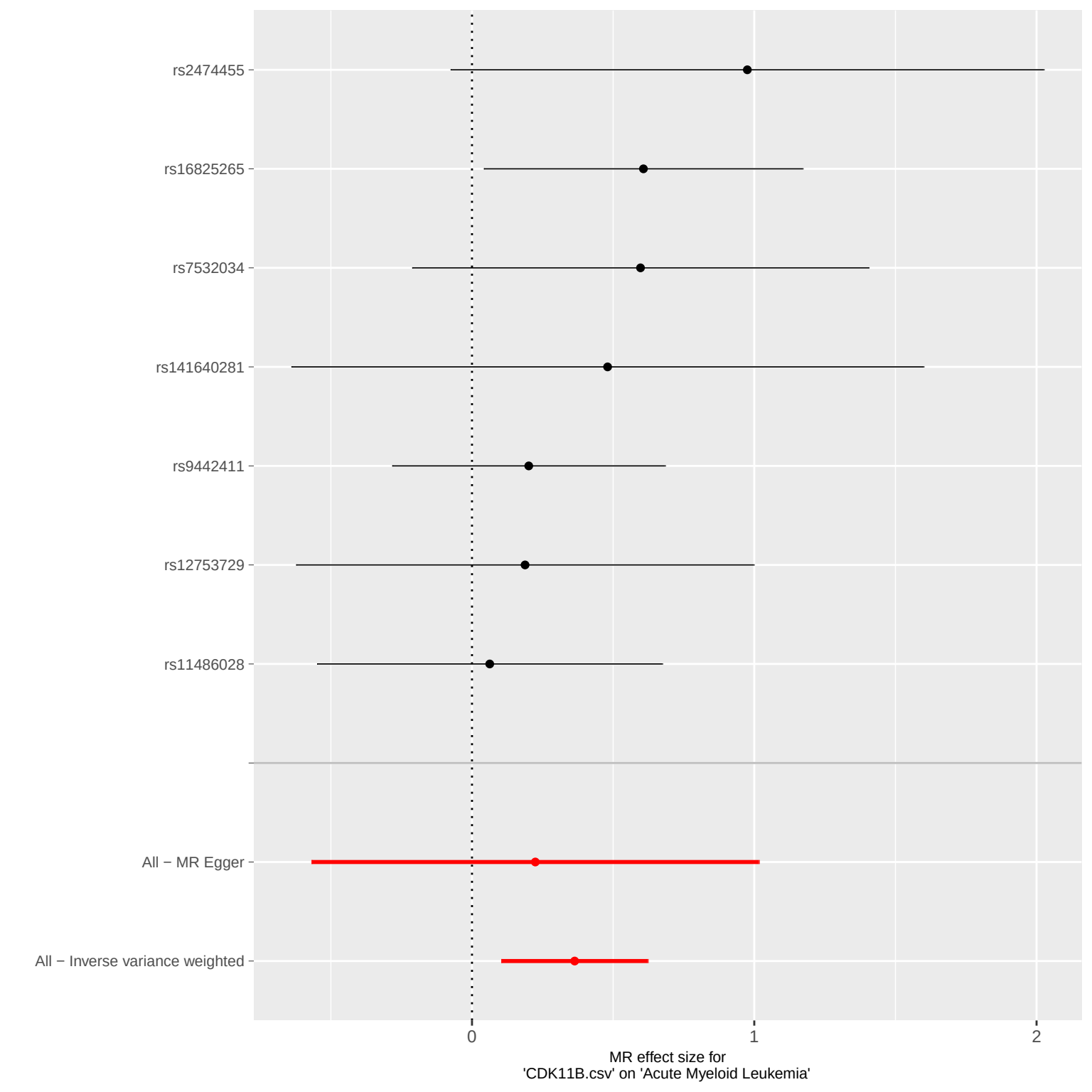
3
6
MR effect size for
'CDK10.csv' on 'Acute Myeloid Leukemia'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rs7532034
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rs9442411
rs12753729
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All − Inverse variance weighted
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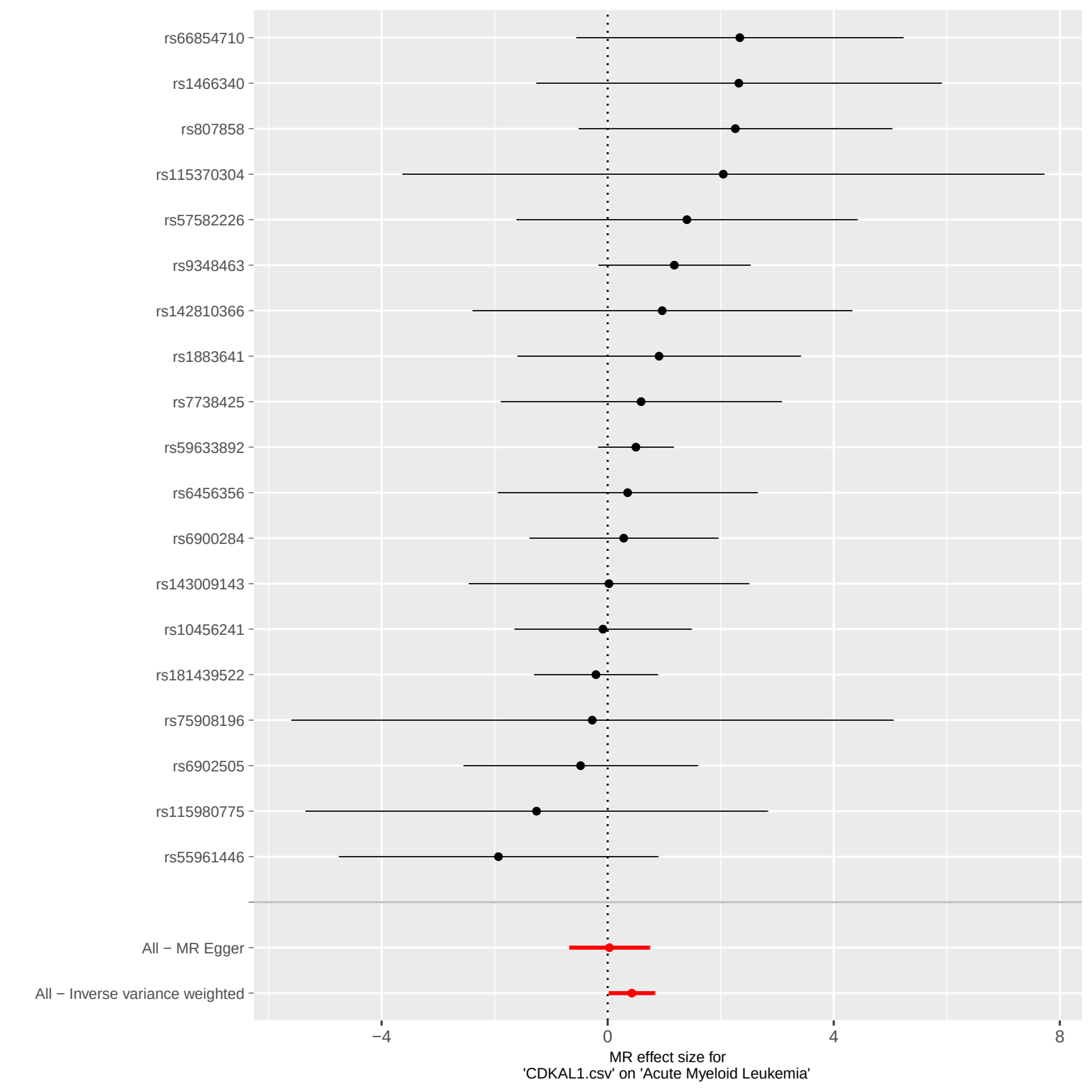
MR effect size for
'CDK11B.csv' on 'Acute Myeloid Leukemia'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rs10456241
rs181439522
rs75908196
rs6902505
rs115980775
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All − MR Egger
All − Inverse variance weighted
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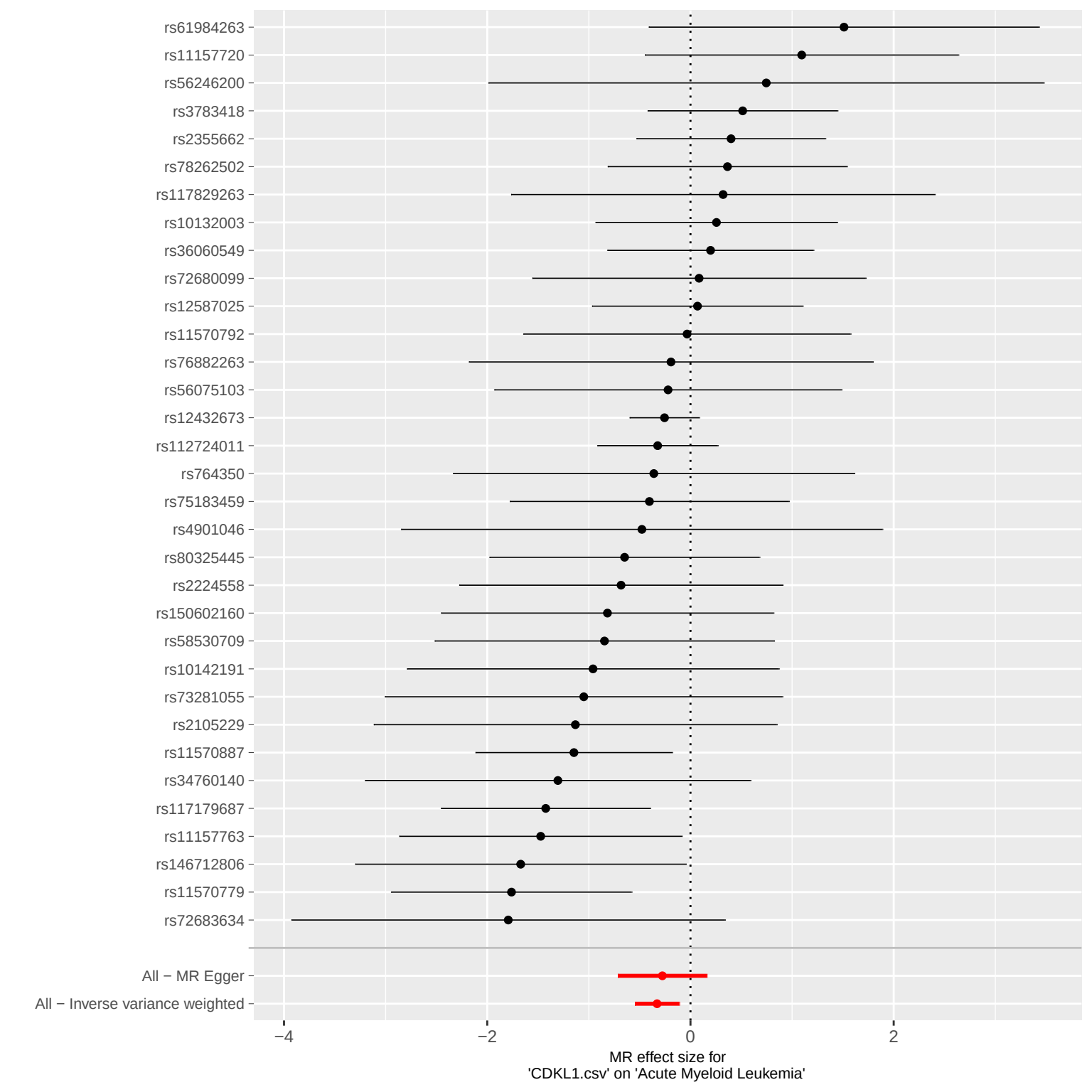
4
8
MR effect size for
'CDKAL1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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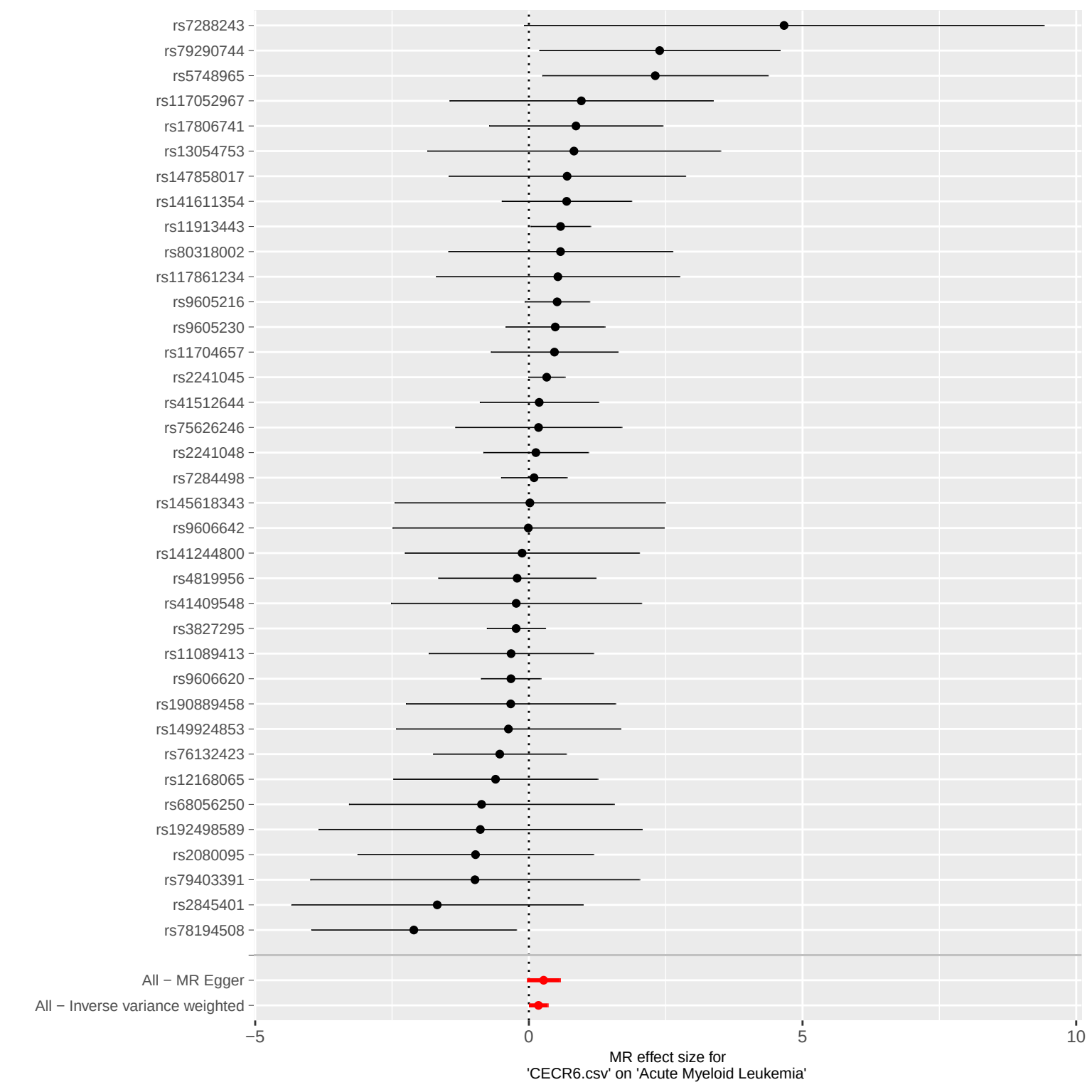
MR effect size for
'CDKL1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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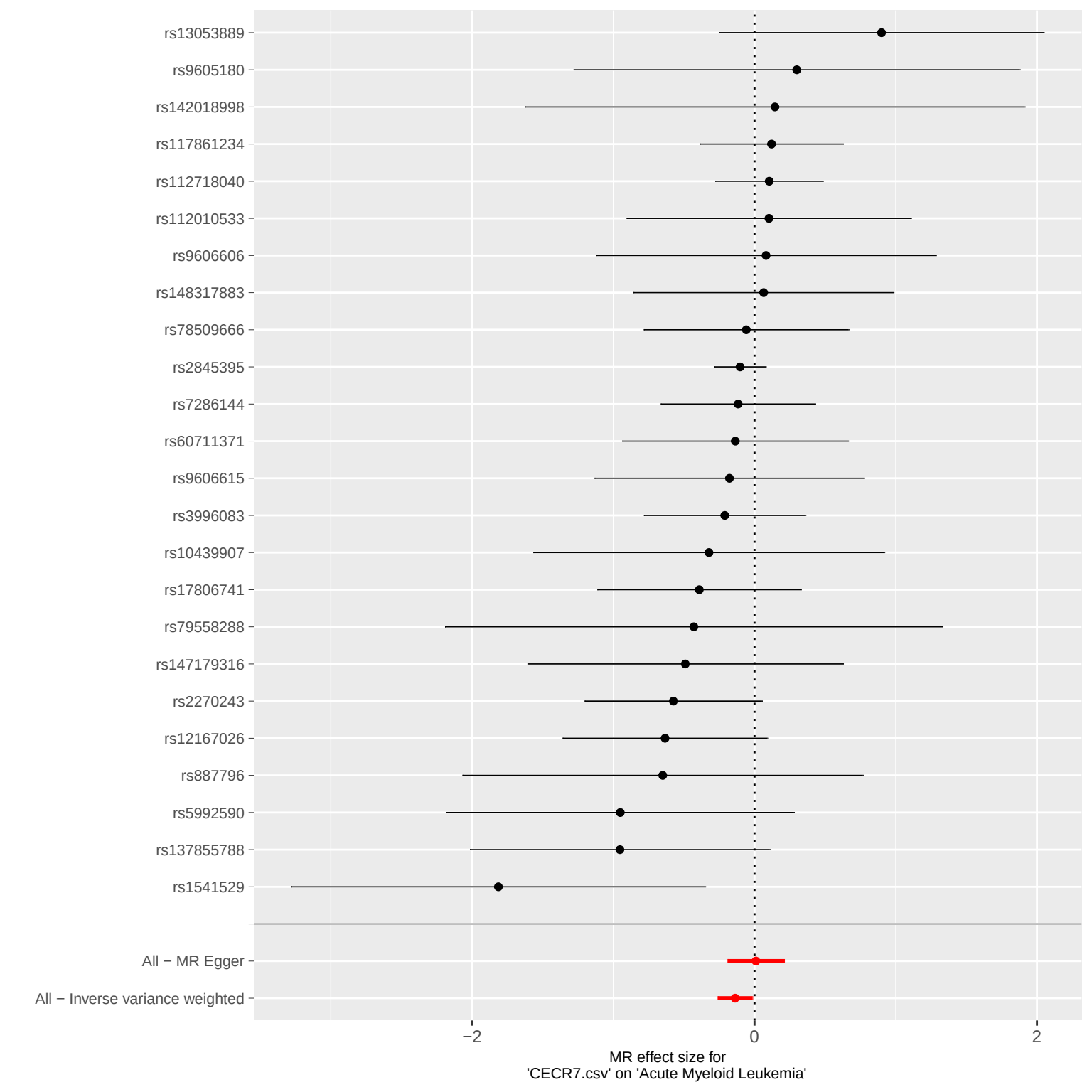
MR effect size for
'CECR6.csv' on 'Acute Myeloid Leukemia'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rs3996083
rs10439907
rs17806741
rs79558288
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rs12167026
rs887796
rs5992590
rs137855788
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All − MR Egger
All − Inverse variance weighted
−2
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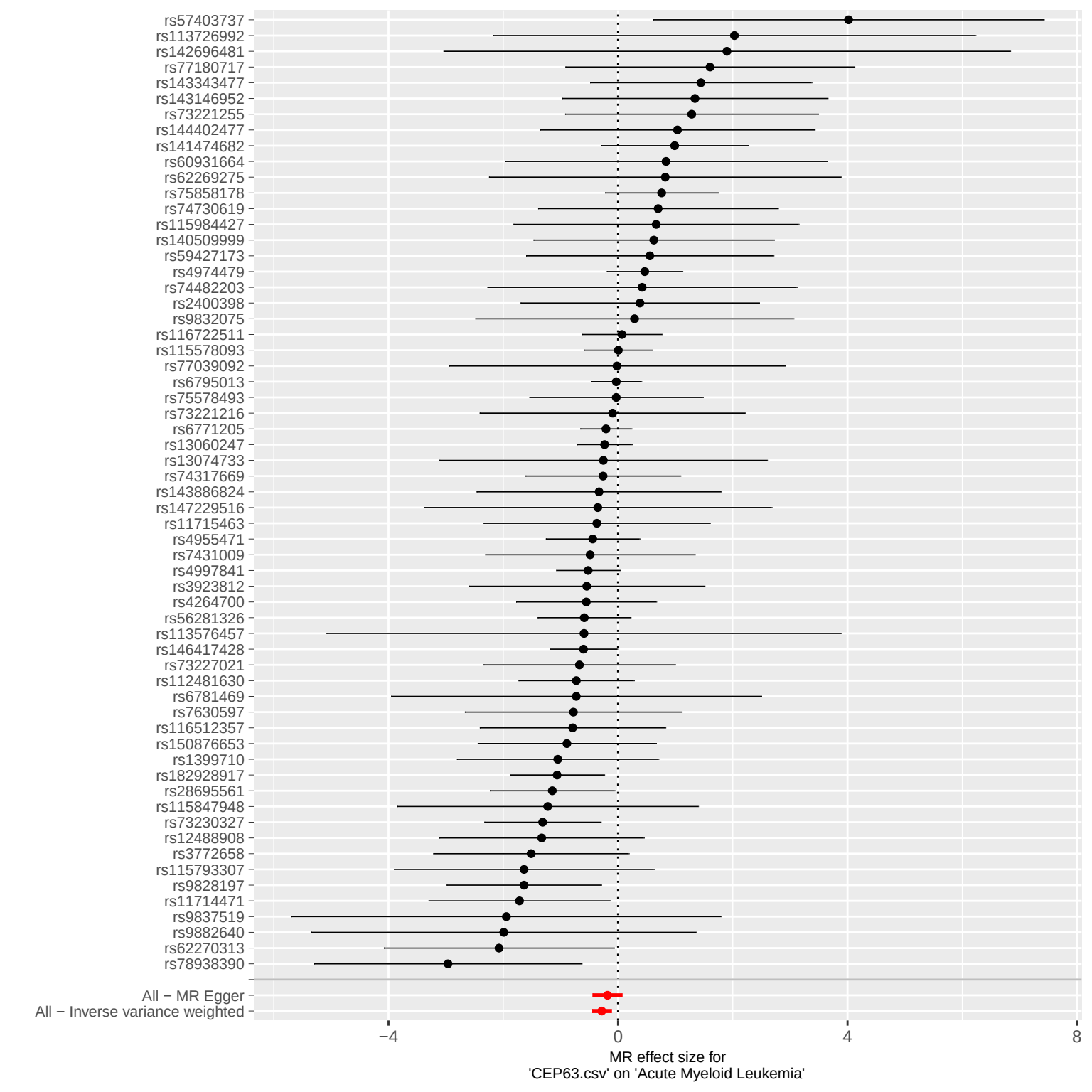
2
MR effect size for
'CECR7.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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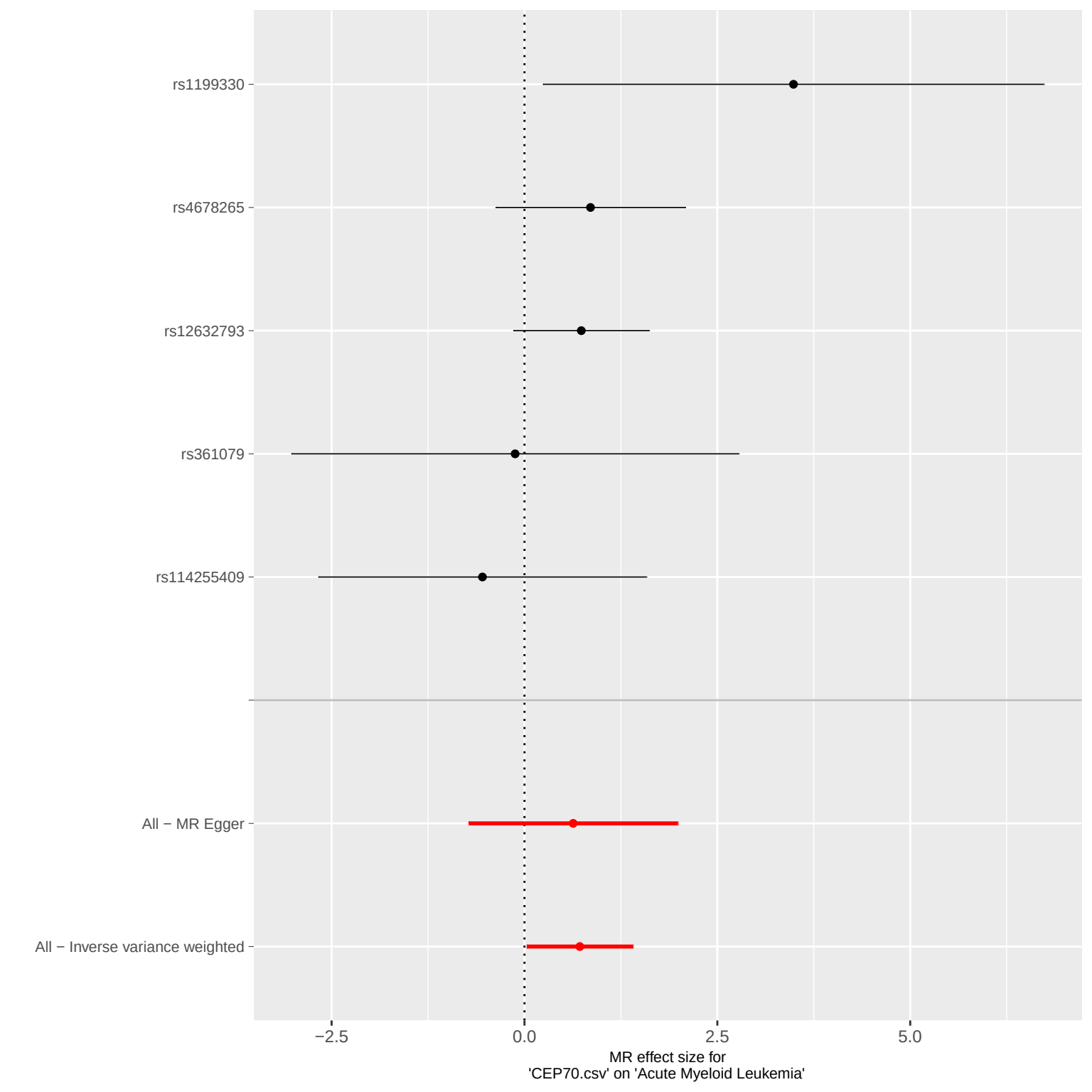
4
8
MR effect size for
'CEP63.csv' on 'Acute Myeloid Leukemia'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rs114255409
All − MR Egger
All − Inverse variance weighted
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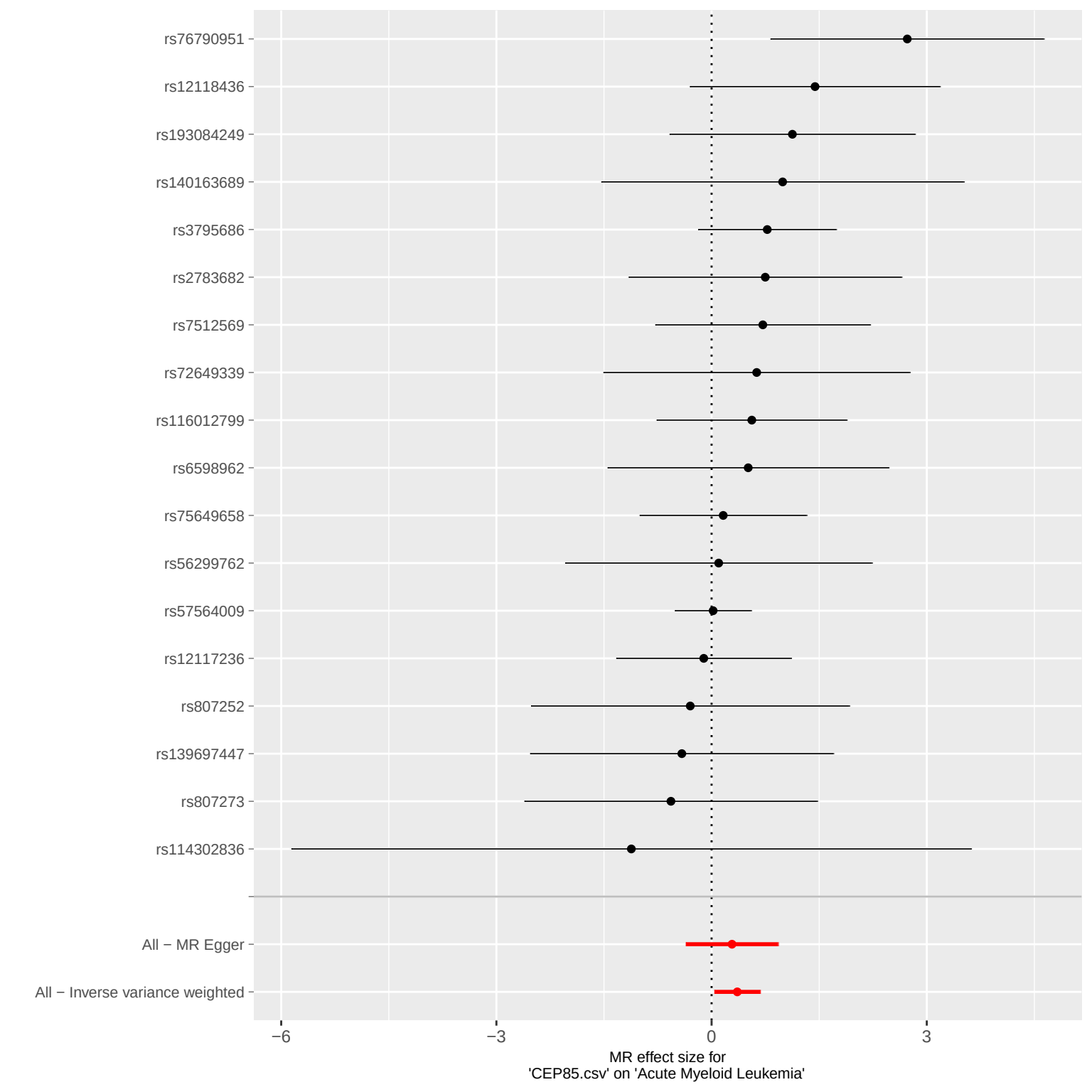
2.5
5.0
MR effect size for
'CEP70.csv' on 'Acute Myeloid Leukemia'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rs139697447
rs807273
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All − MR Egger
All − Inverse variance weighted
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−3
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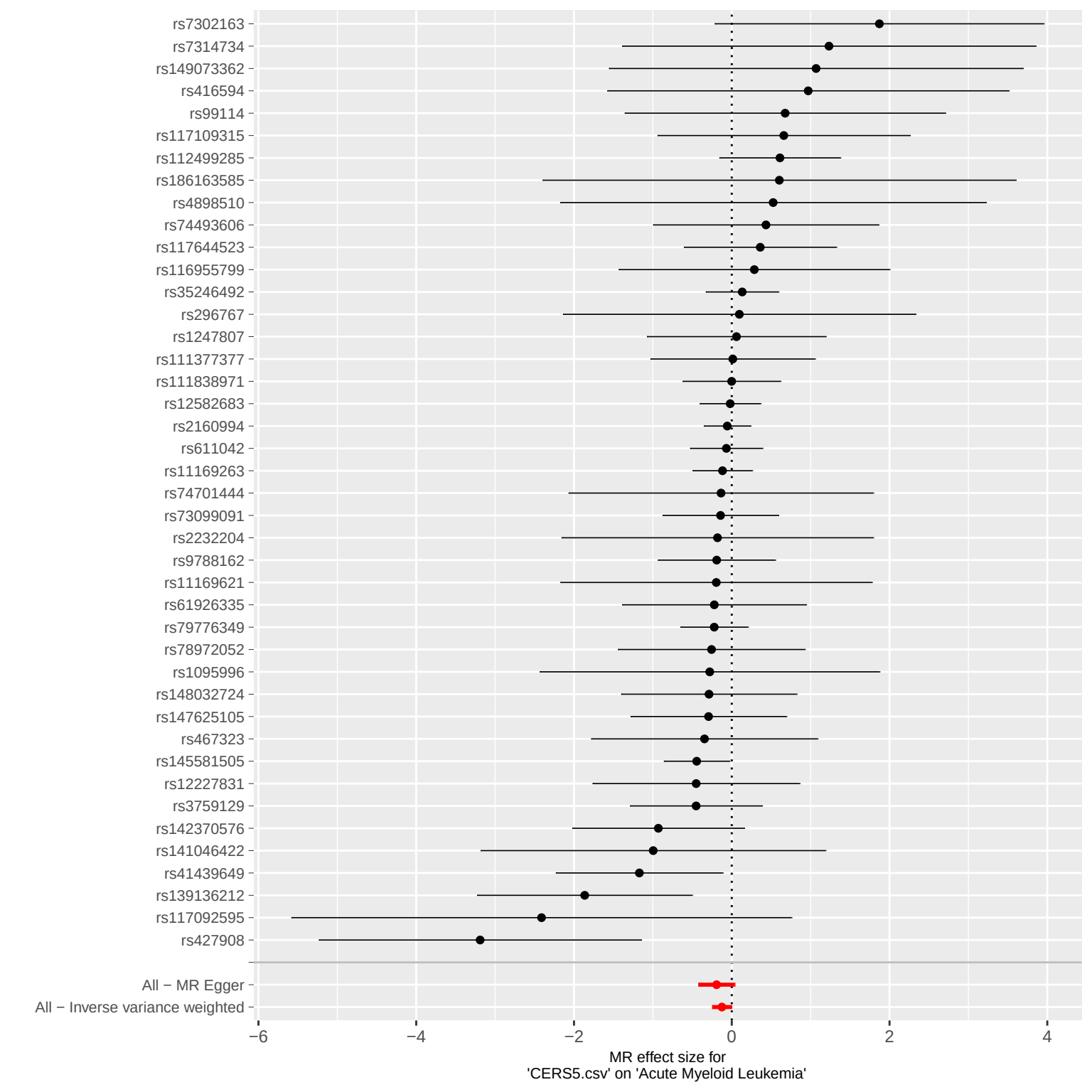
MR effect size for
'CEP85.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
−4
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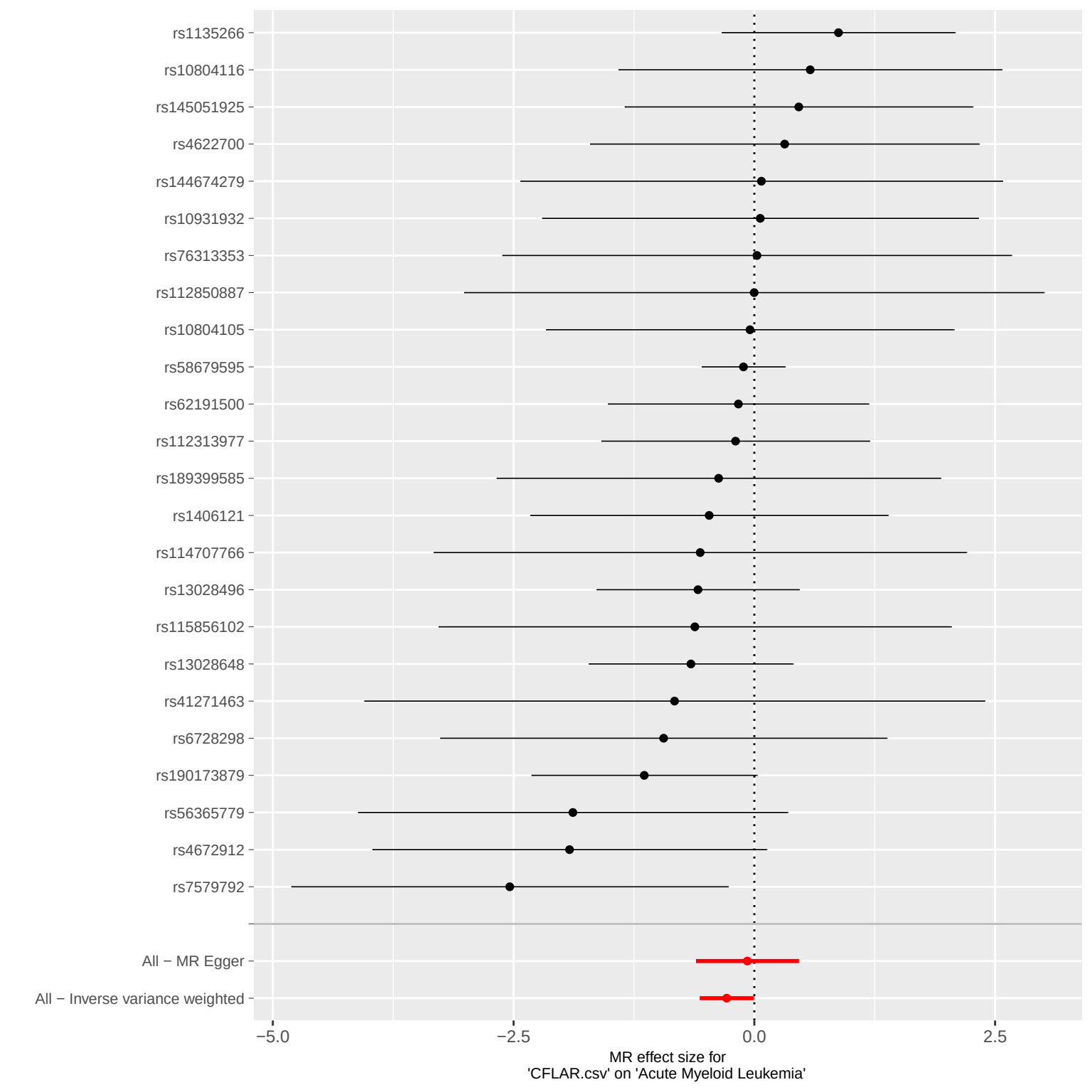
MR effect size for
'CERS5.csv' on 'Acute Myeloid Leukemia'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rs115856102
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rs41271463
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All − MR Egger
All − Inverse variance weighted
−5.0
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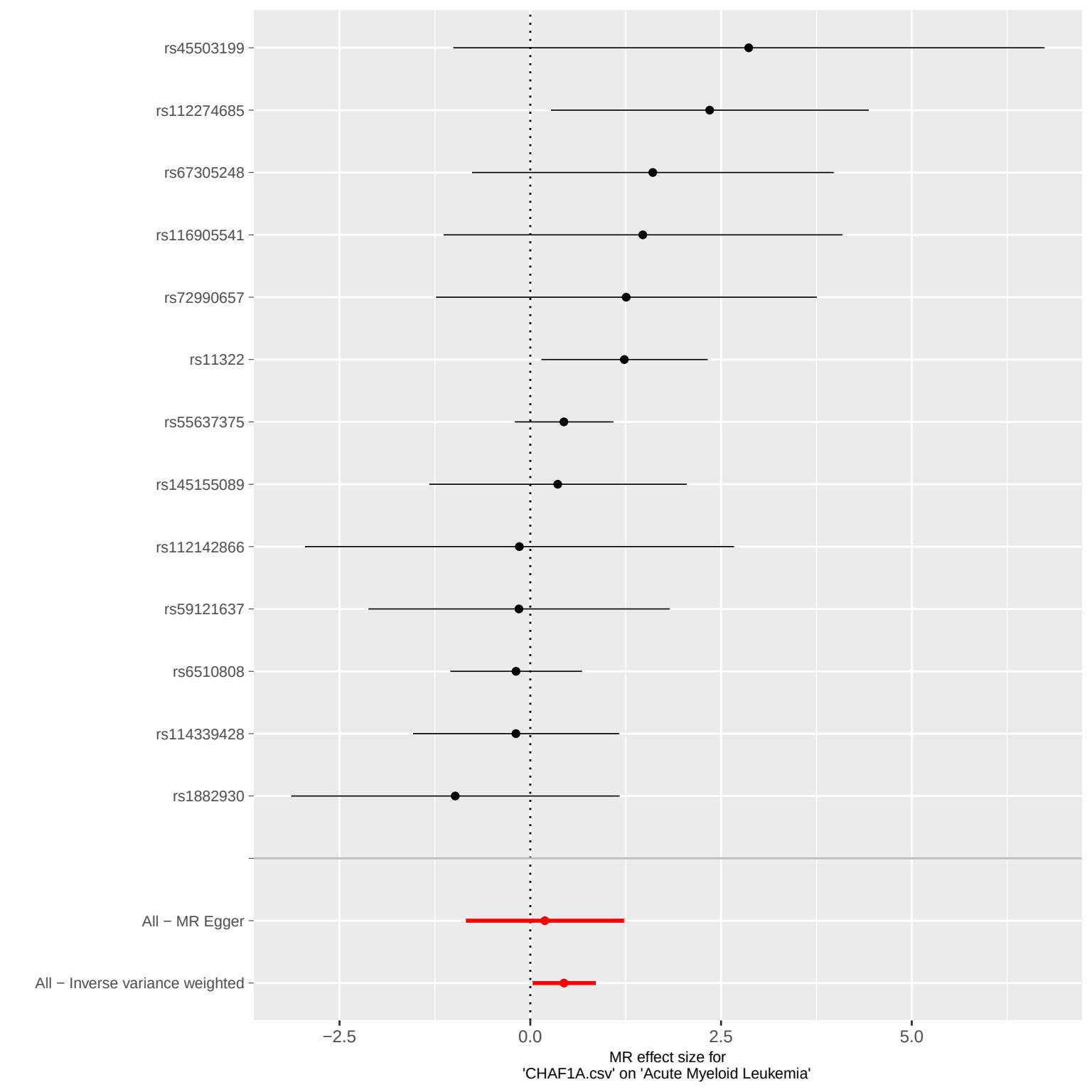
2.5
MR effect size for
'CFLAR.csv' on 'Acute Myeloid Leukemia'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rs1882930
All − MR Egger
All − Inverse variance weighted
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2.5
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MR effect size for
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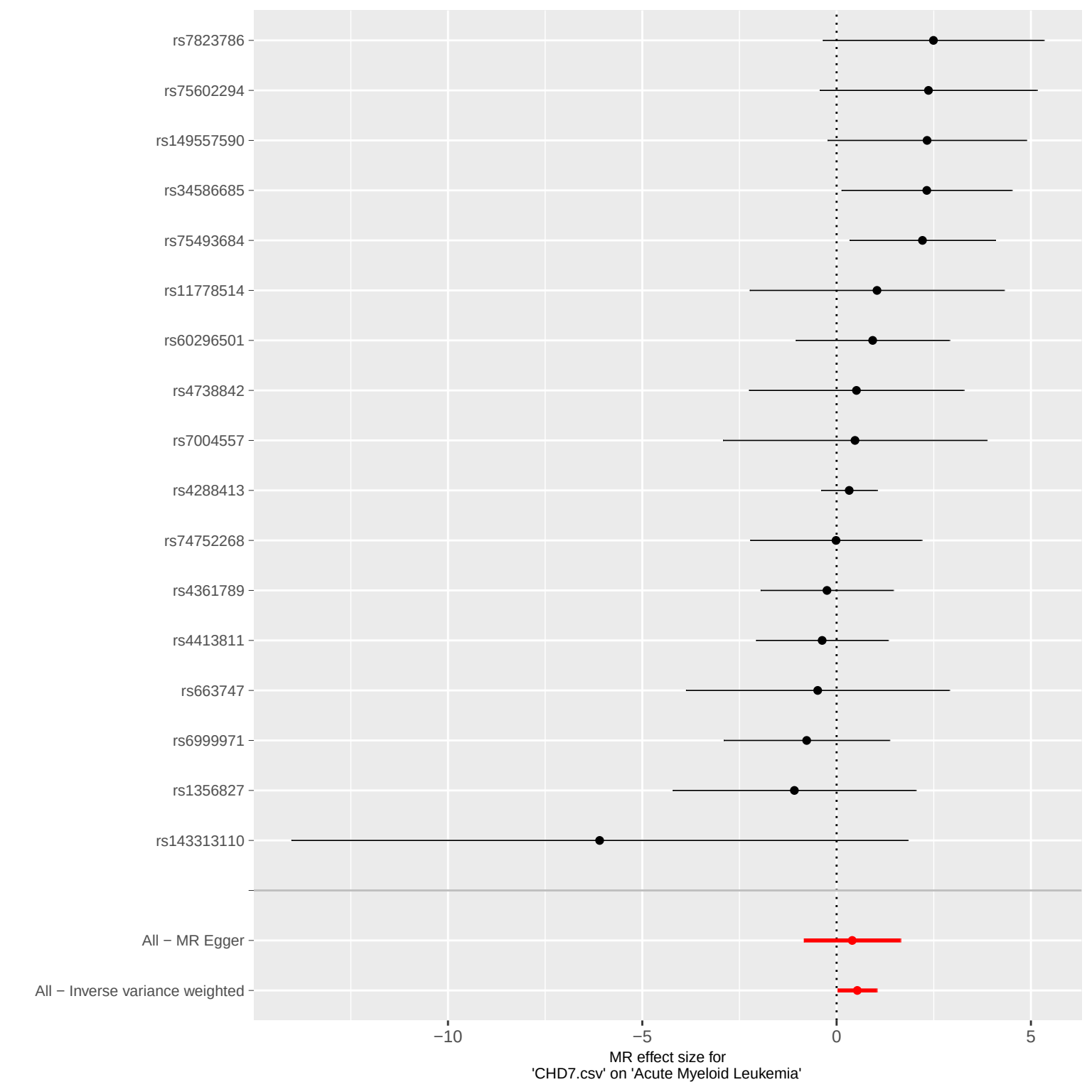
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rs4361789
rs4413811
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rs1356827
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All − MR Egger
All − Inverse variance weighted
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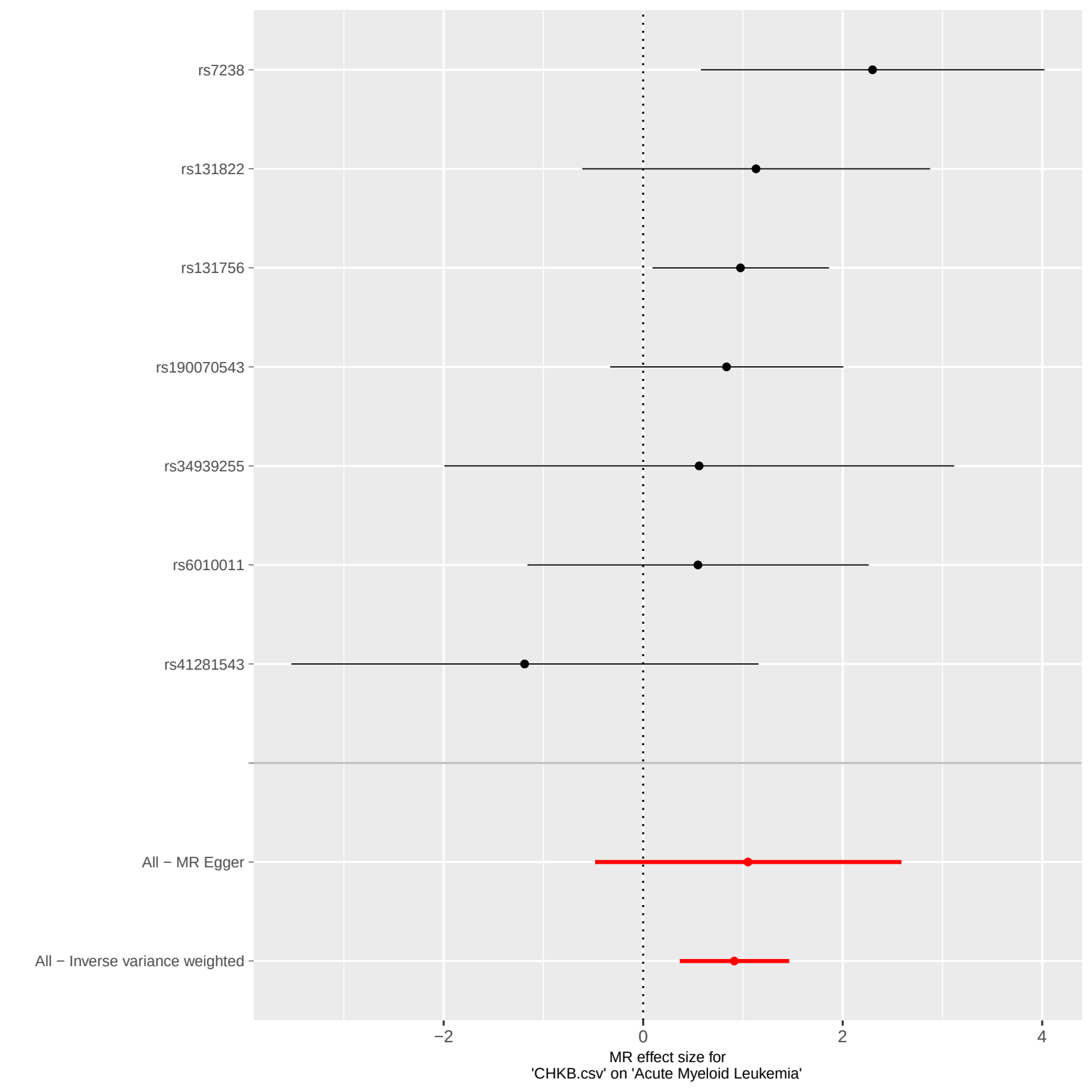
5
MR effect size for
'CHD7.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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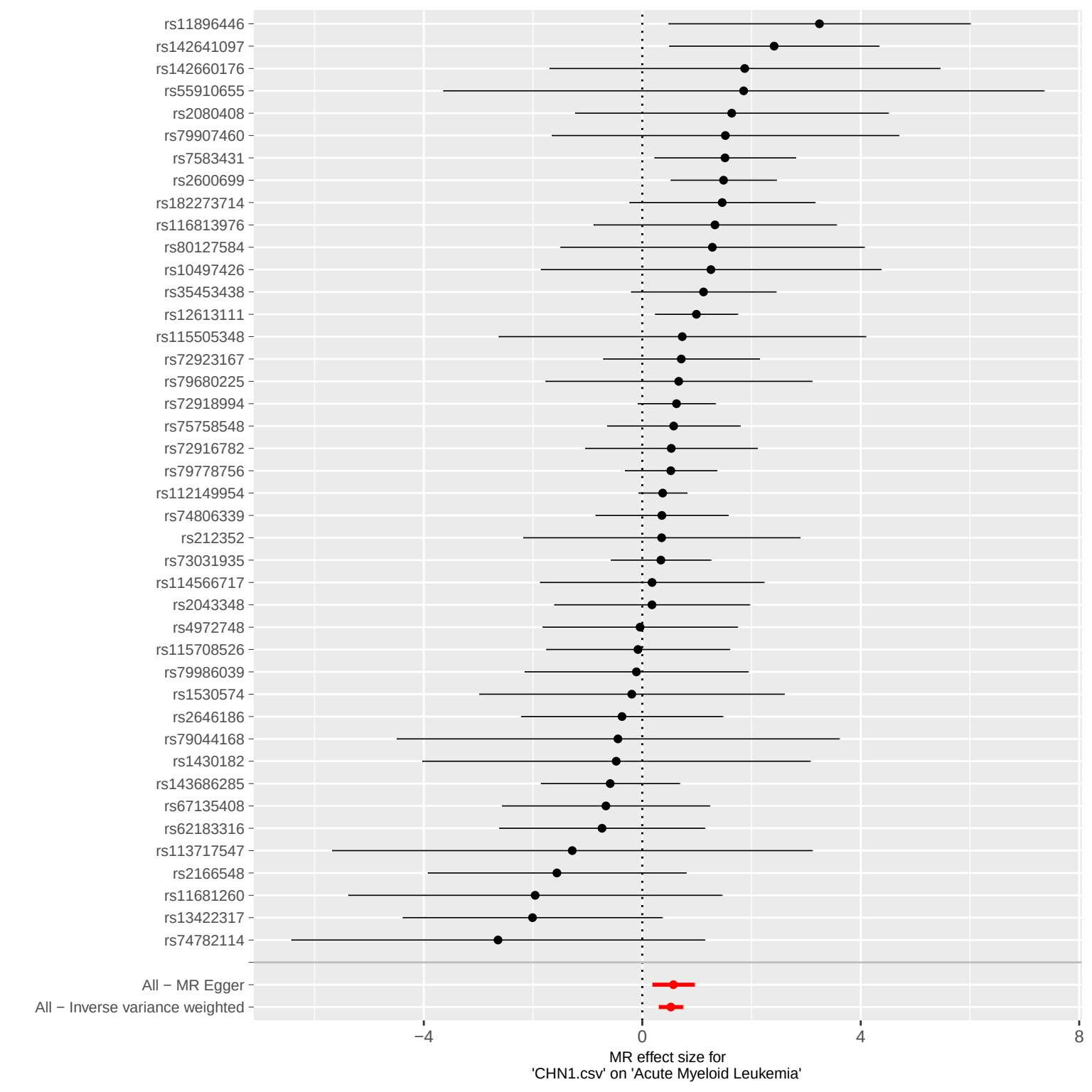
MR effect size for
'CHKB.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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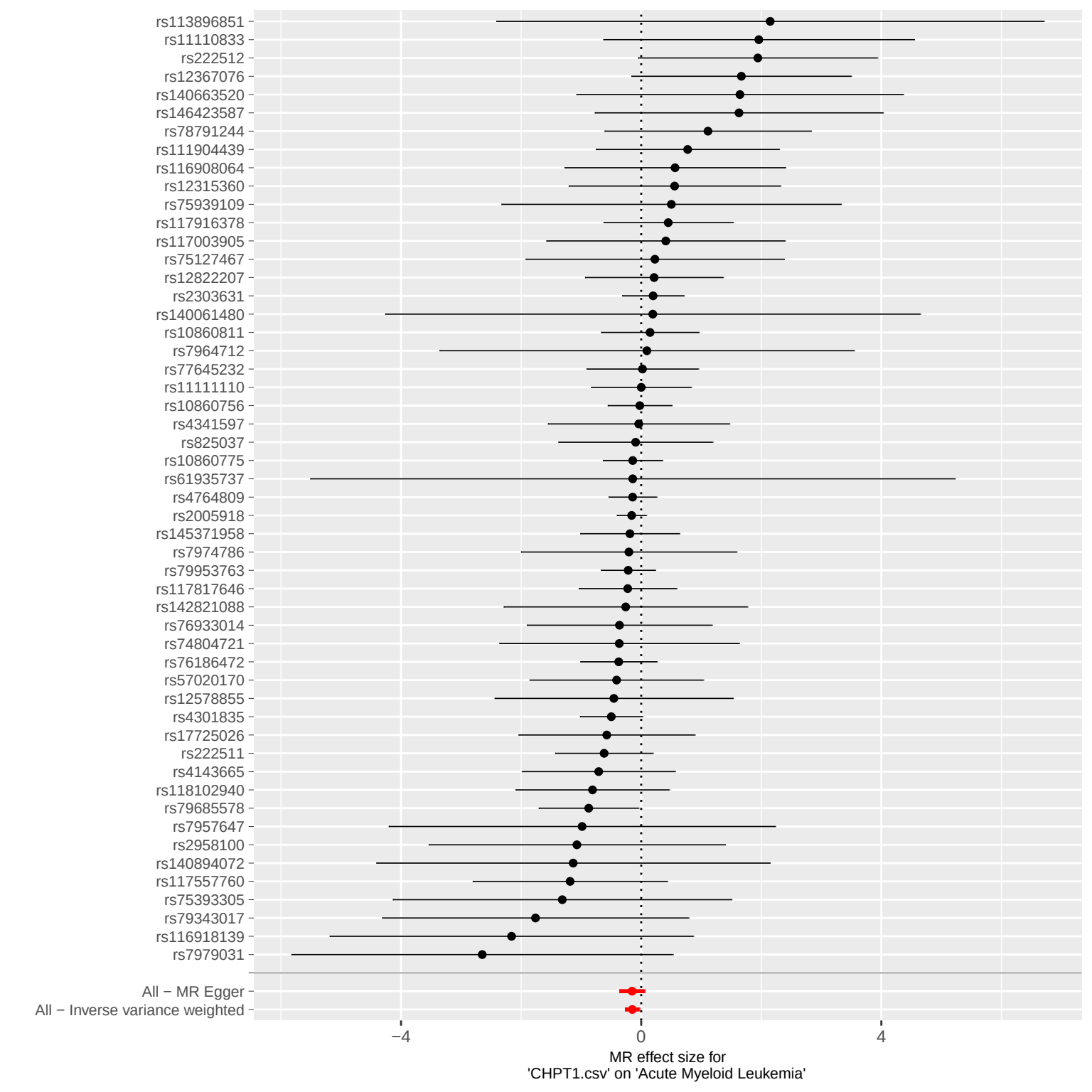
MR effect size for
'CHN1.csv' on 'Acute Myeloid Leukemia'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rs118102940
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rs140894072
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rs79343017
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All − MR Egger
All − Inverse variance weighted
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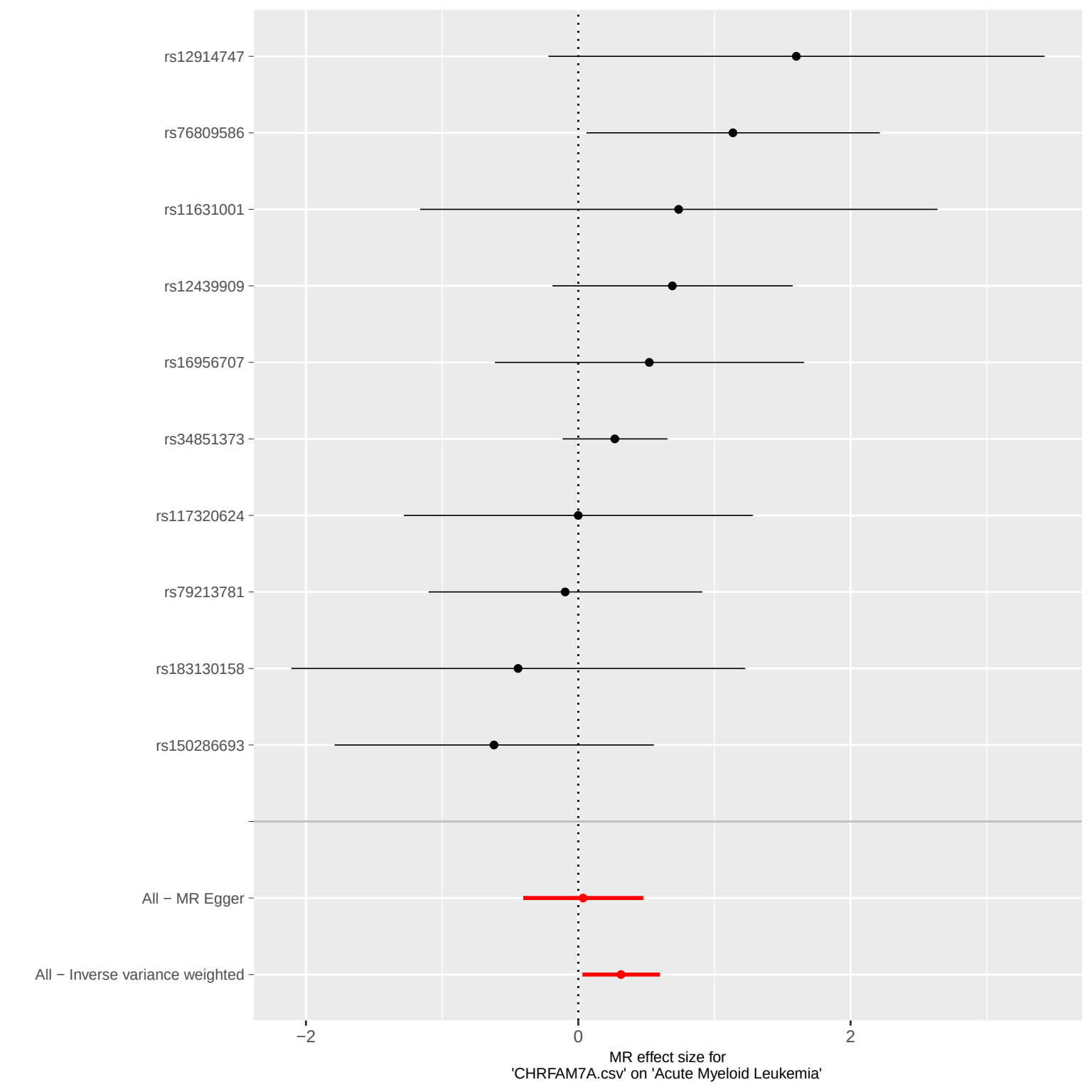
MR effect size for
'CHPT1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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2
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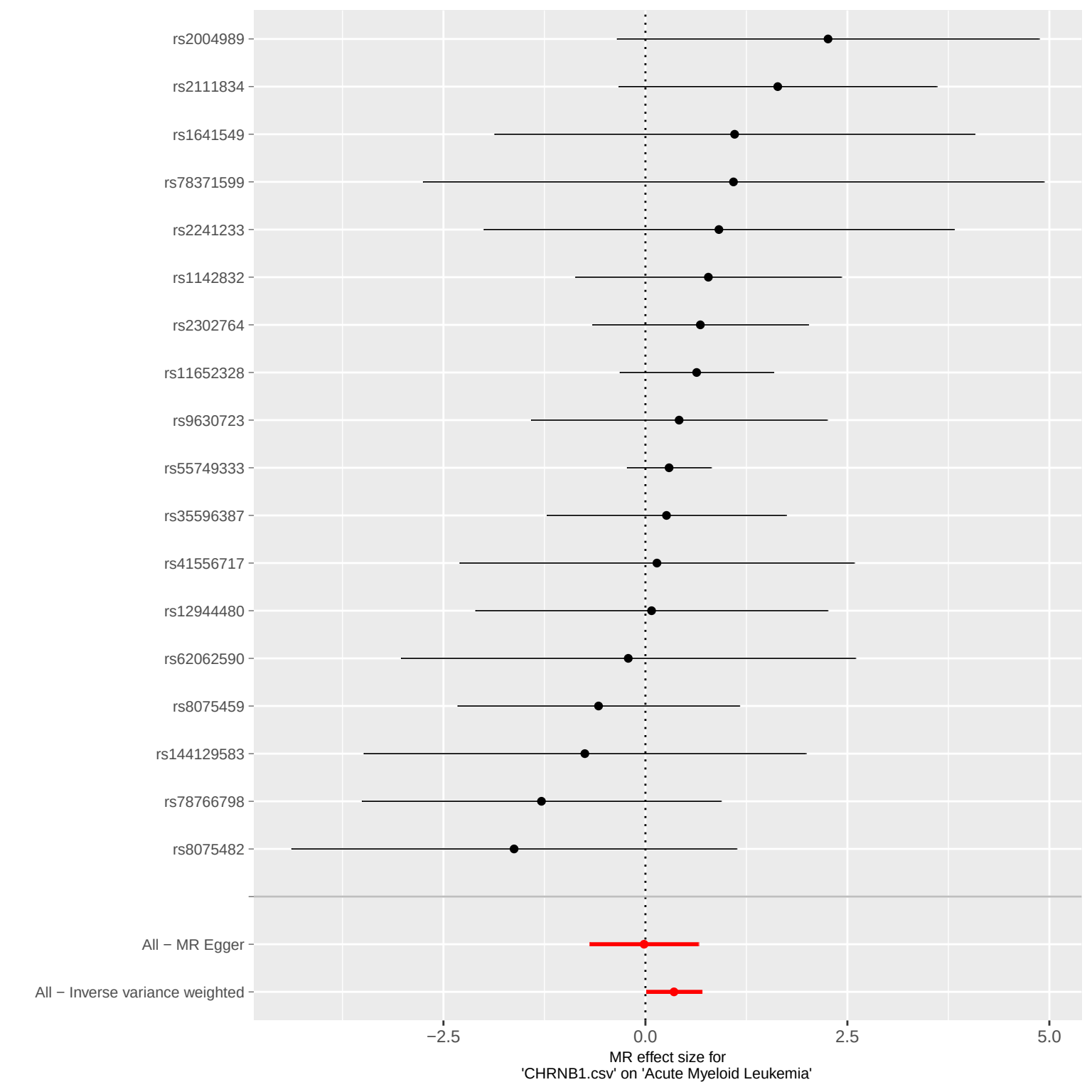
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rs8075482
All − MR Egger
All − Inverse variance weighted
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0.0
2.5
5.0
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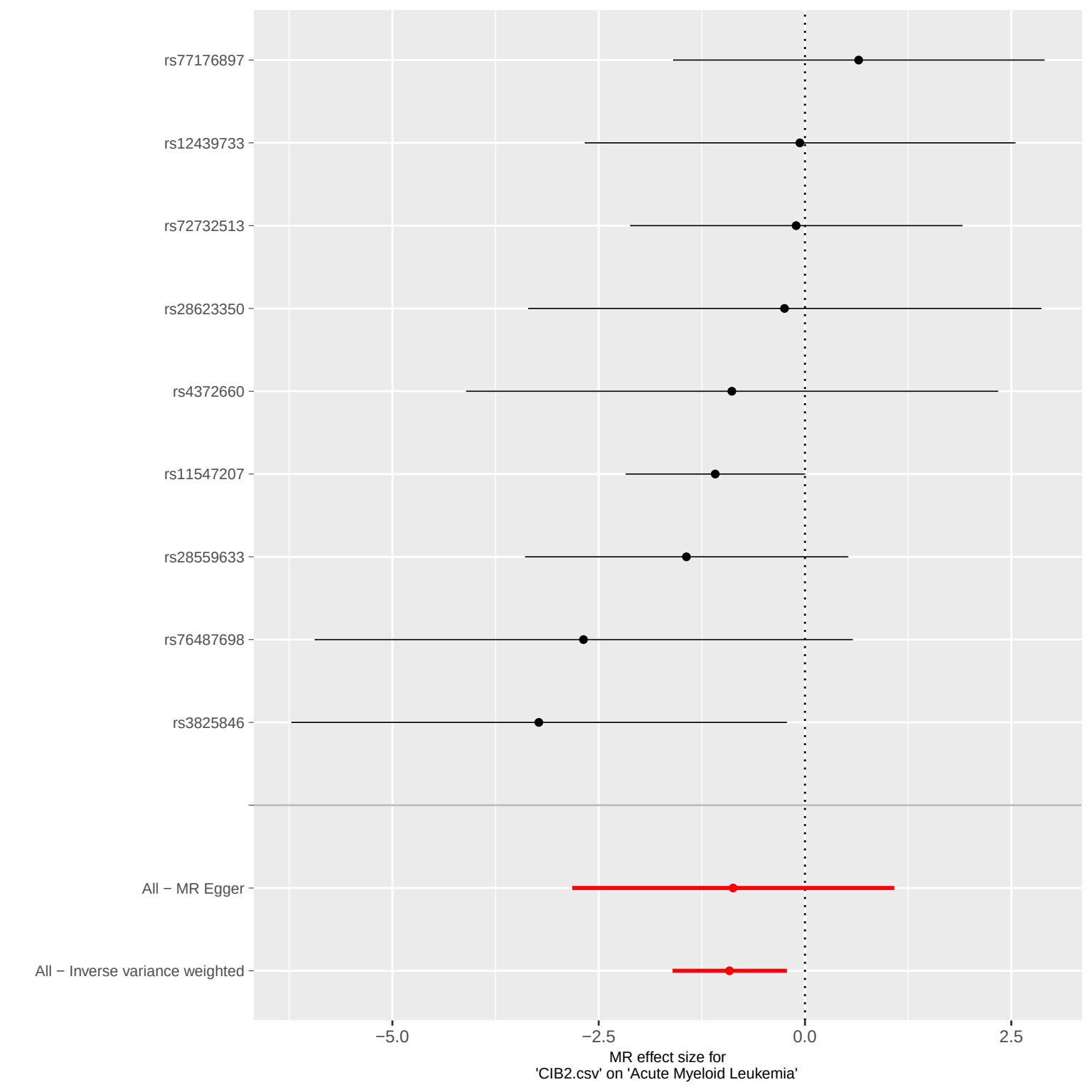
'CHRNB1.csv' on 'Acute Myeloid Leukemia'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rs3825846
All − MR Egger
All − Inverse variance weighted
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−2.5
0.0
2.5
MR effect size for
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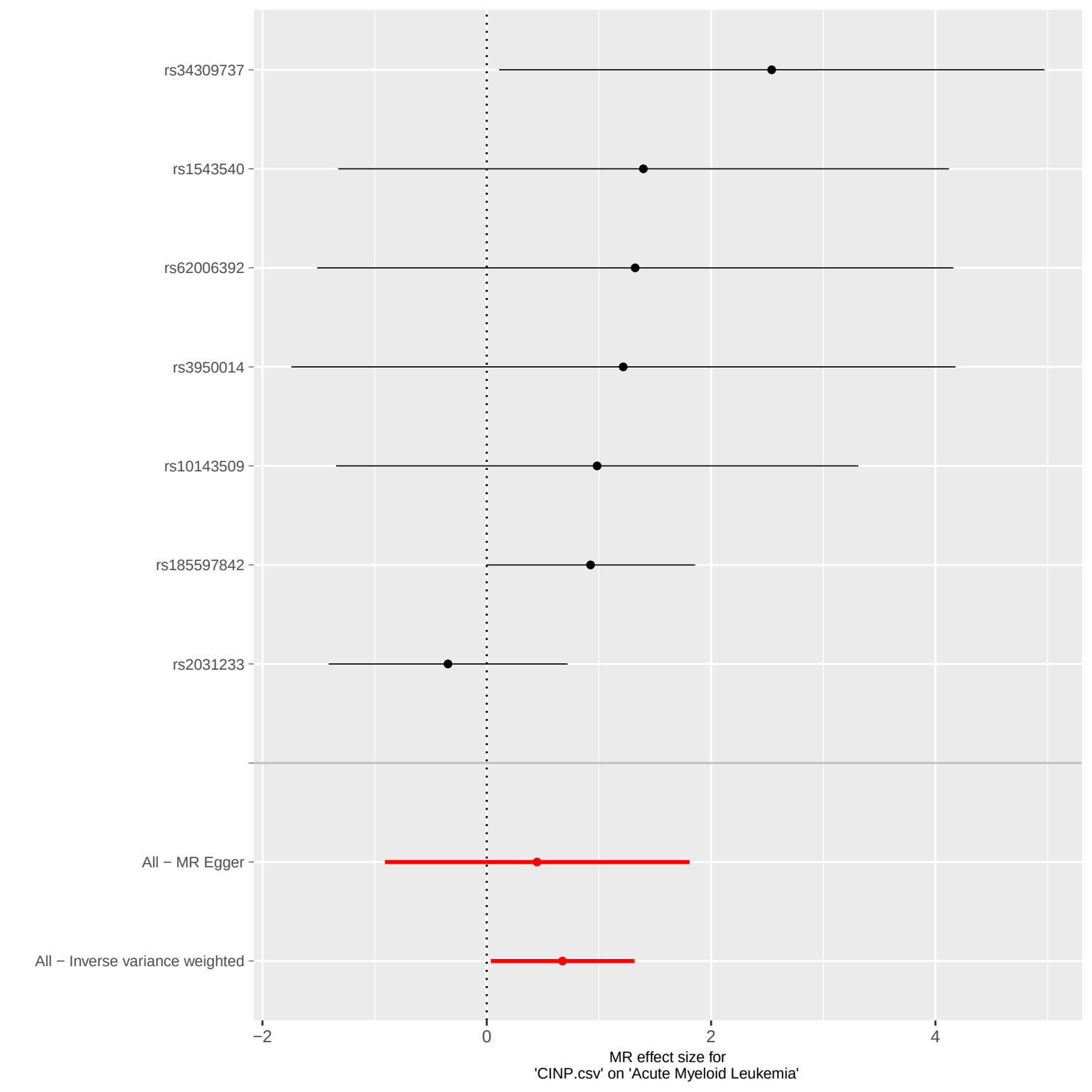
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rs10143509
rs185597842
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All − MR Egger
All − Inverse variance weighted
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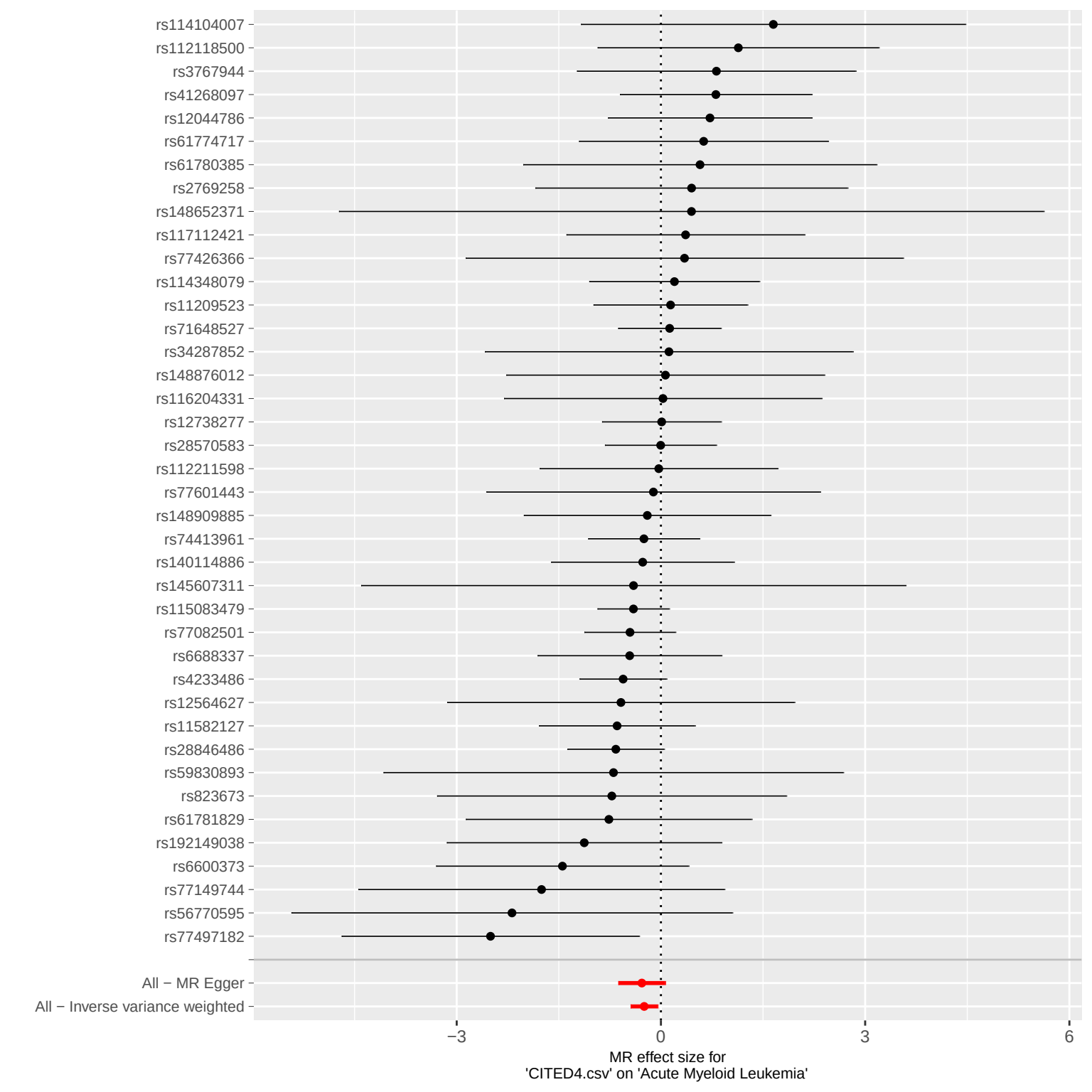
MR effect size for
'CINP.csv' on 'Acute Myeloid Leukemia'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rs6600373
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All − MR Egger
All − Inverse variance weighted
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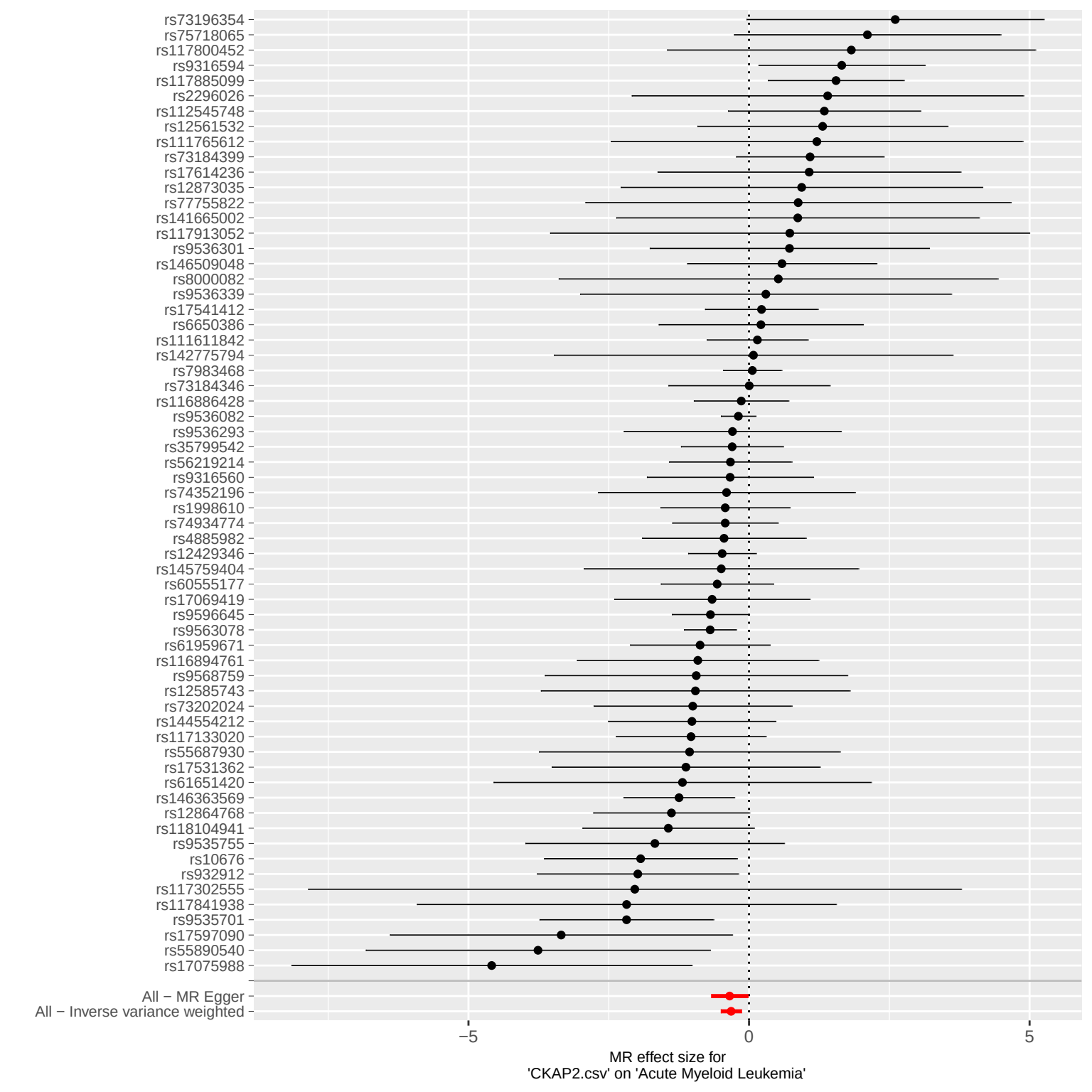
3
6
MR effect size for
'CITED4.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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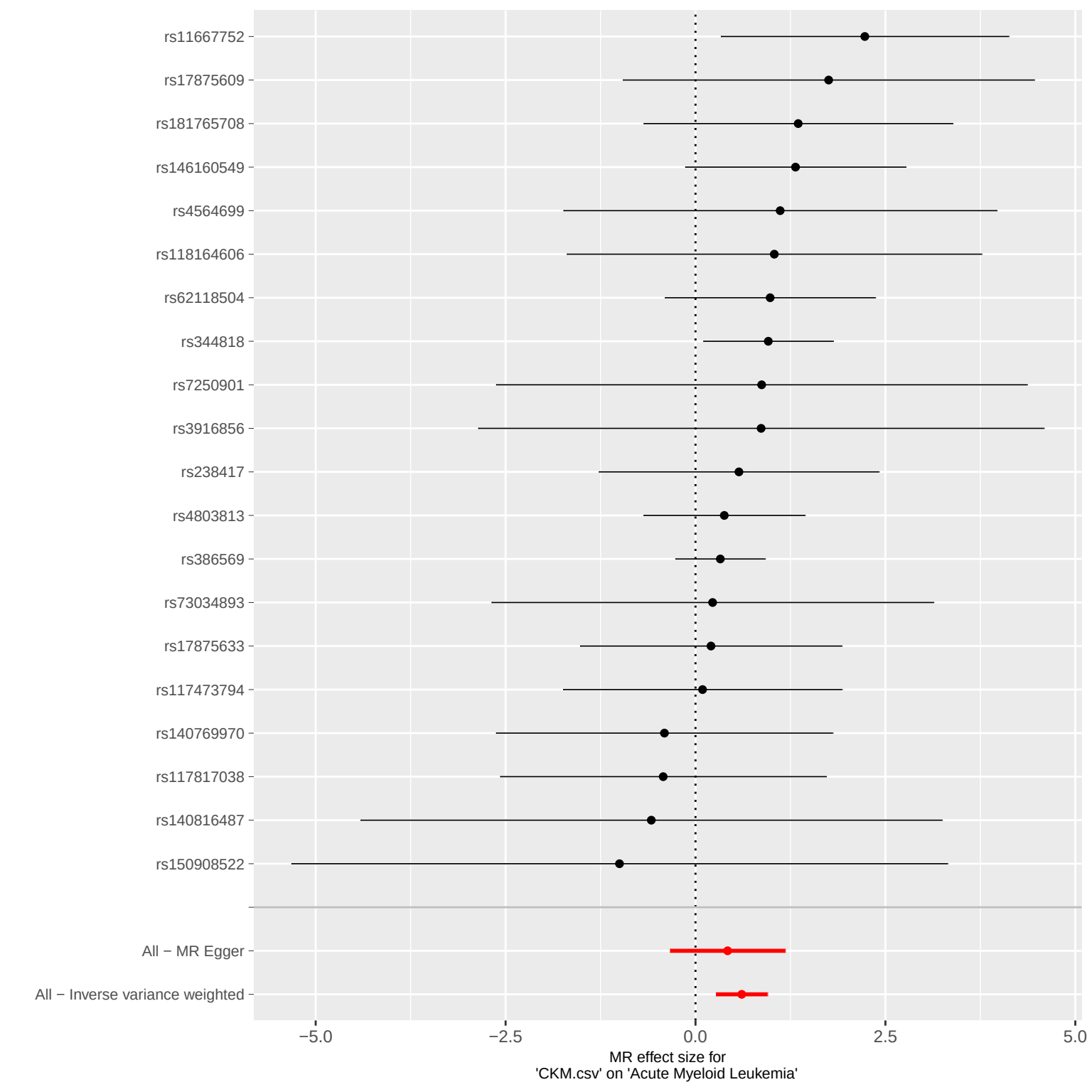
MR effect size for
'CKAP2.csv' on 'Acute Myeloid Leukemia'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rs386569
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rs17875633
rs117473794
rs140769970
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rs140816487
rs150908522
All − MR Egger
All − Inverse variance weighted
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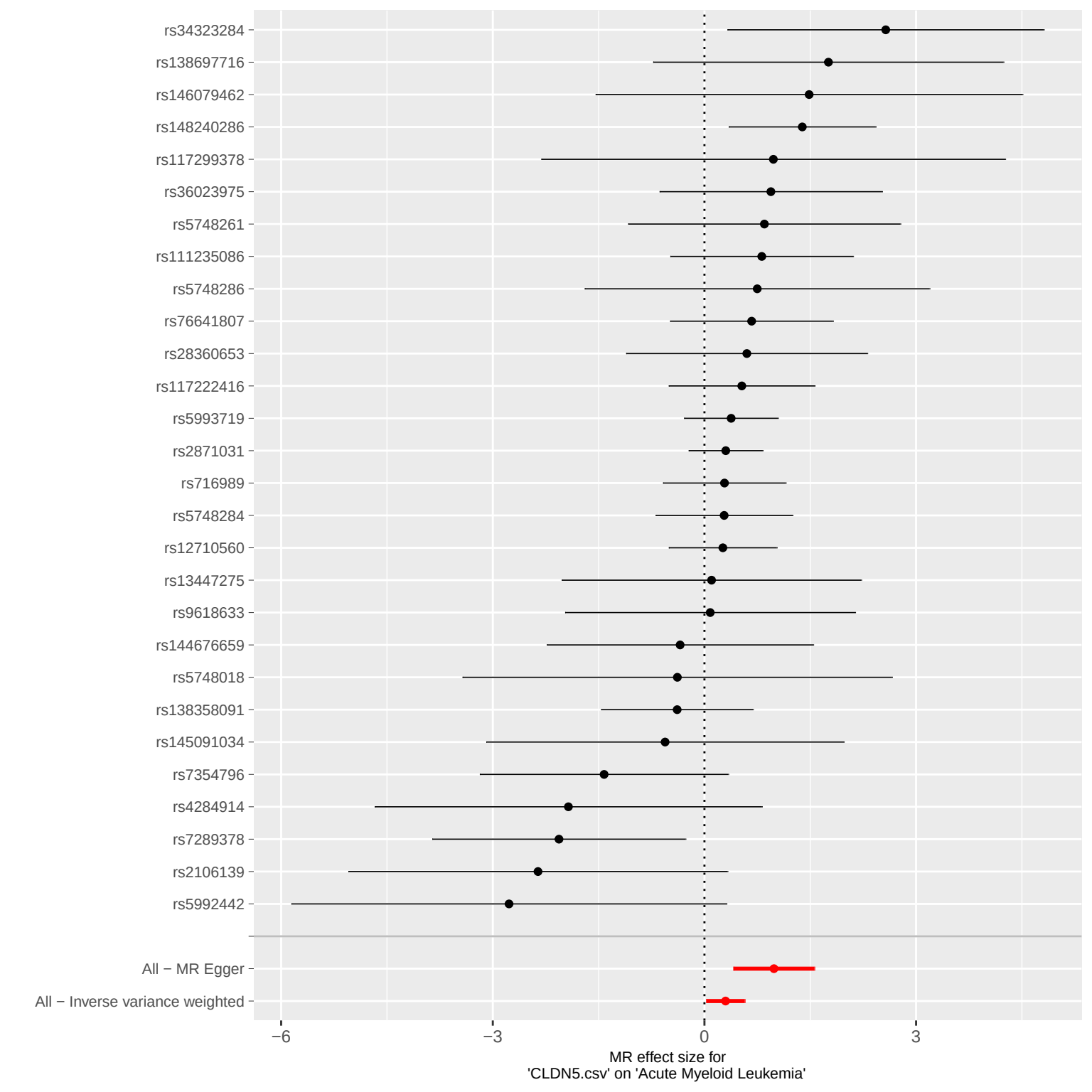
2.5
5.0
MR effect size for
'CKM.csv' on 'Acute Myeloid Leukemia'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rs9618633
rs144676659
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rs145091034
rs7354796
rs4284914
rs7289378
rs2106139
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All − MR Egger
All − Inverse variance weighted
−6
−3
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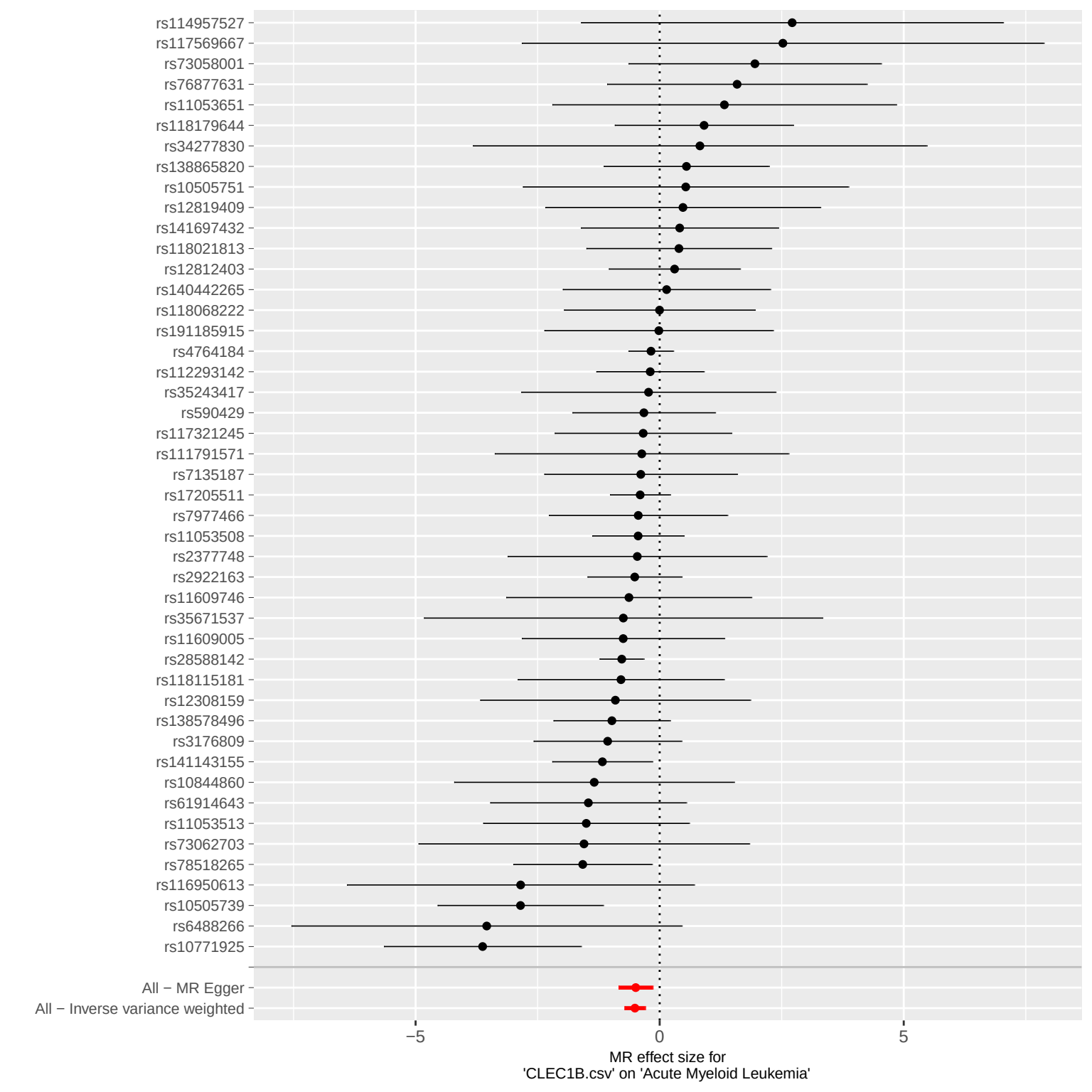
3
MR effect size for
'CLDN5.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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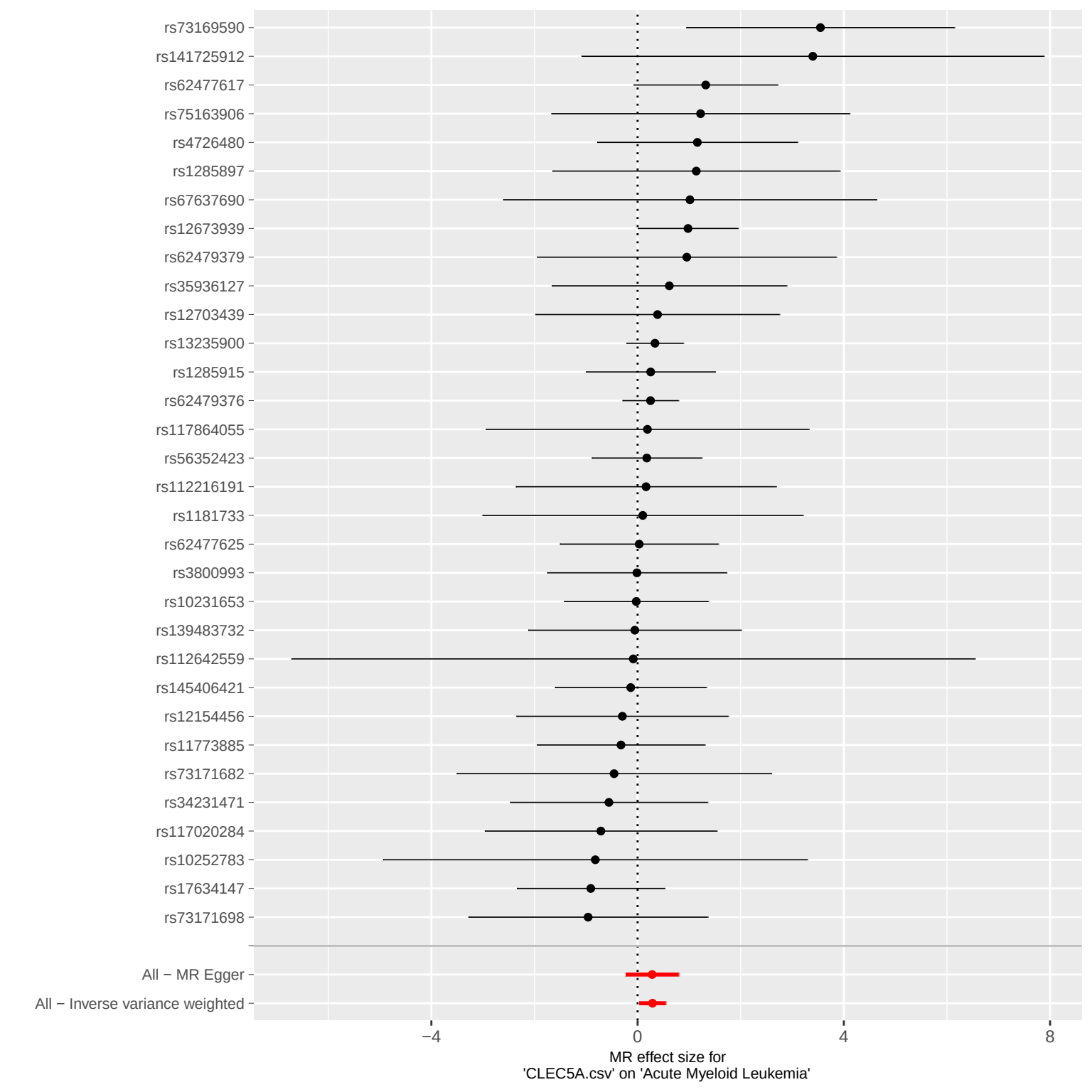
MR effect size for
'CLEC1B.csv' on 'Acute Myeloid Leukemia'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rs17634147
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All − MR Egger
All − Inverse variance weighted
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4
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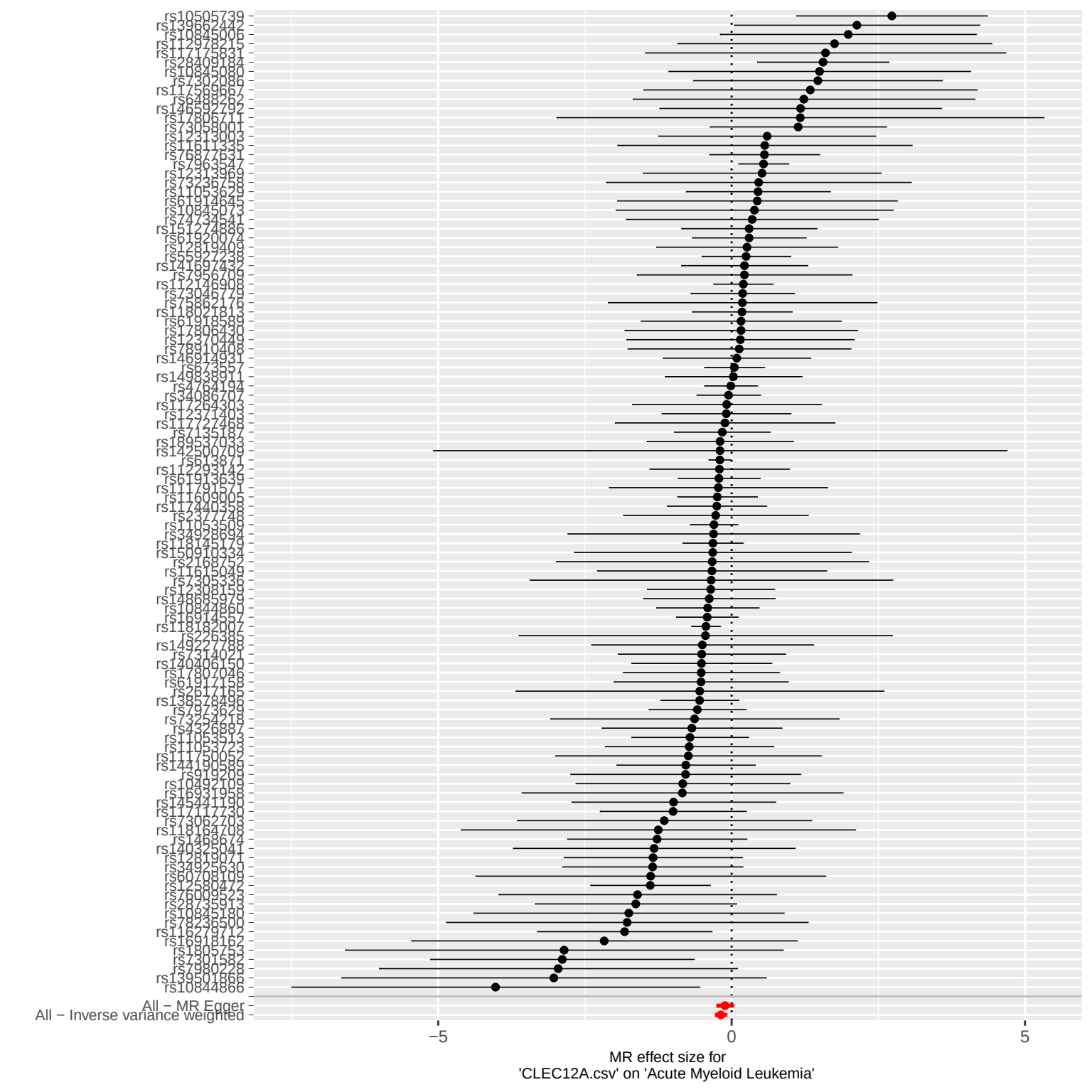
MR effect size for
'CLEC5A.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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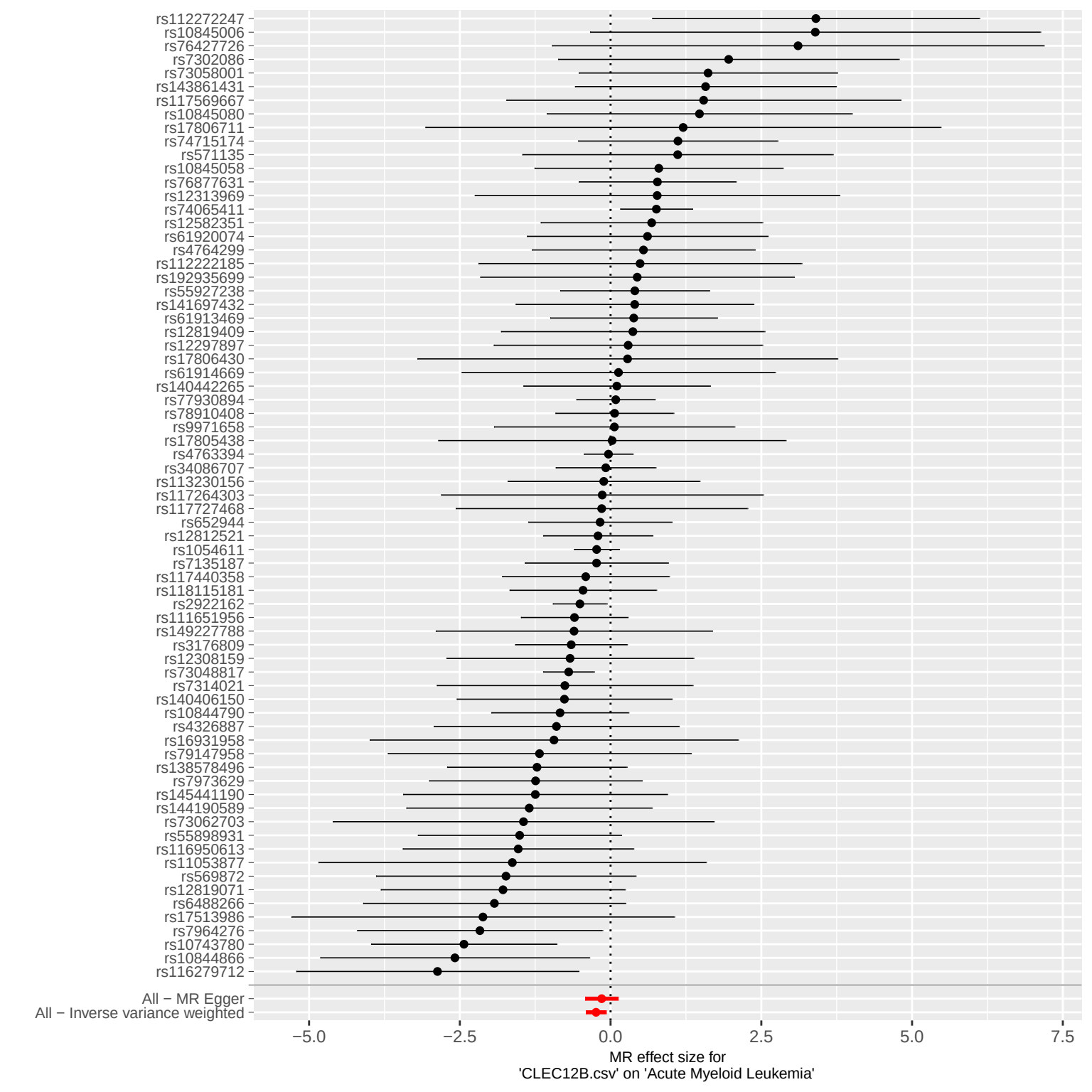
5
MR effect size for
'CLEC12A.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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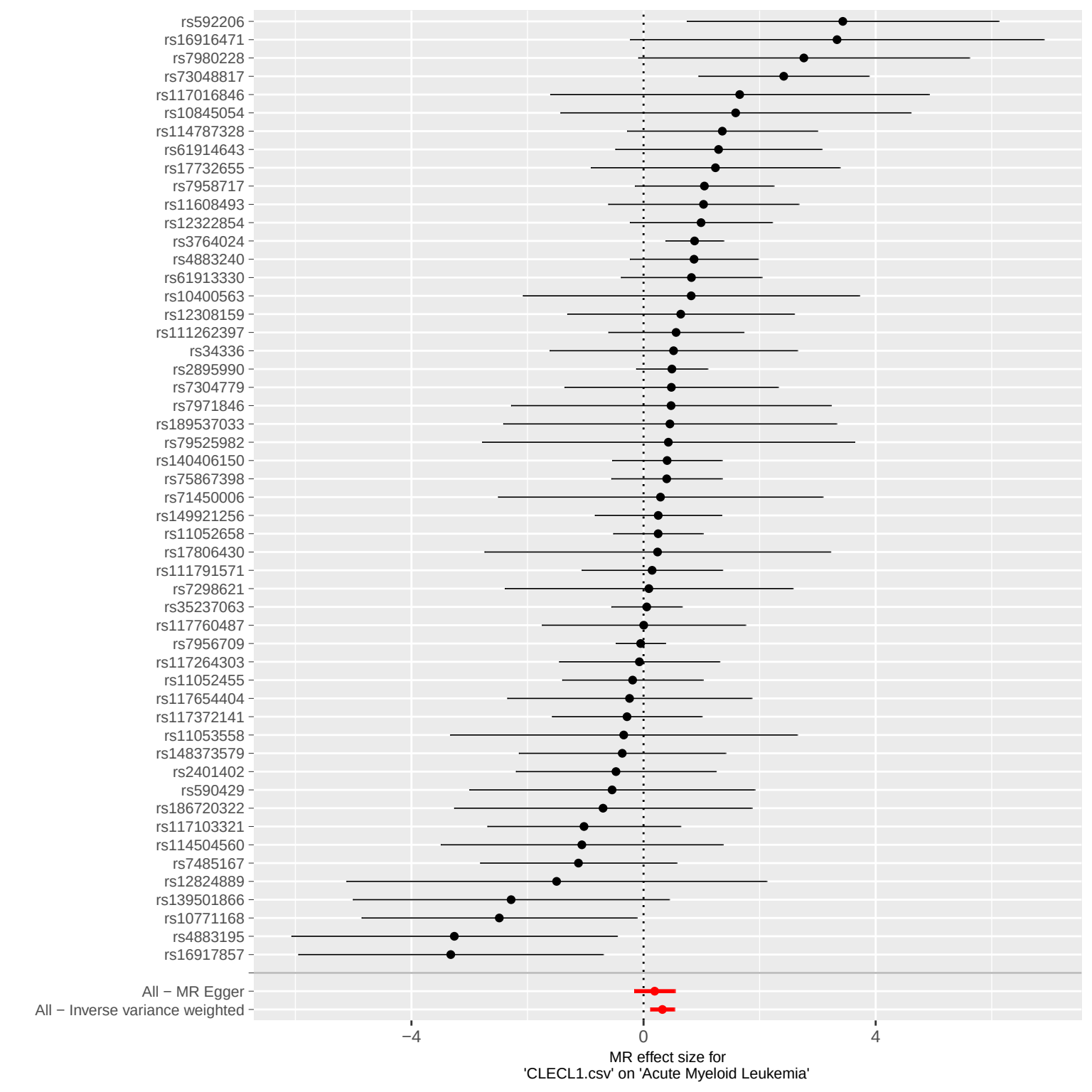
2.5
5.0
7.5
MR effect size for
'CLEC12B.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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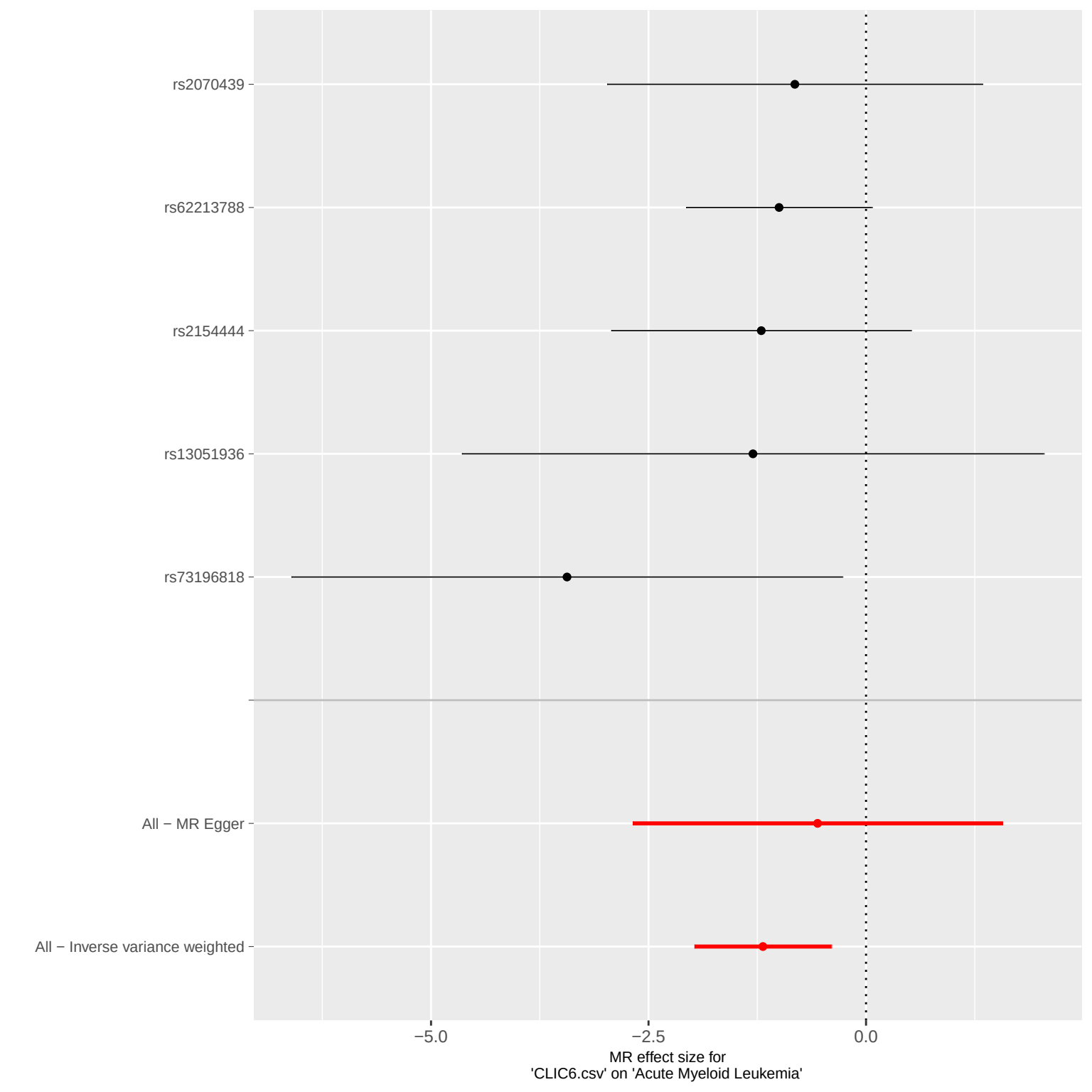
MR effect size for
'CLECL1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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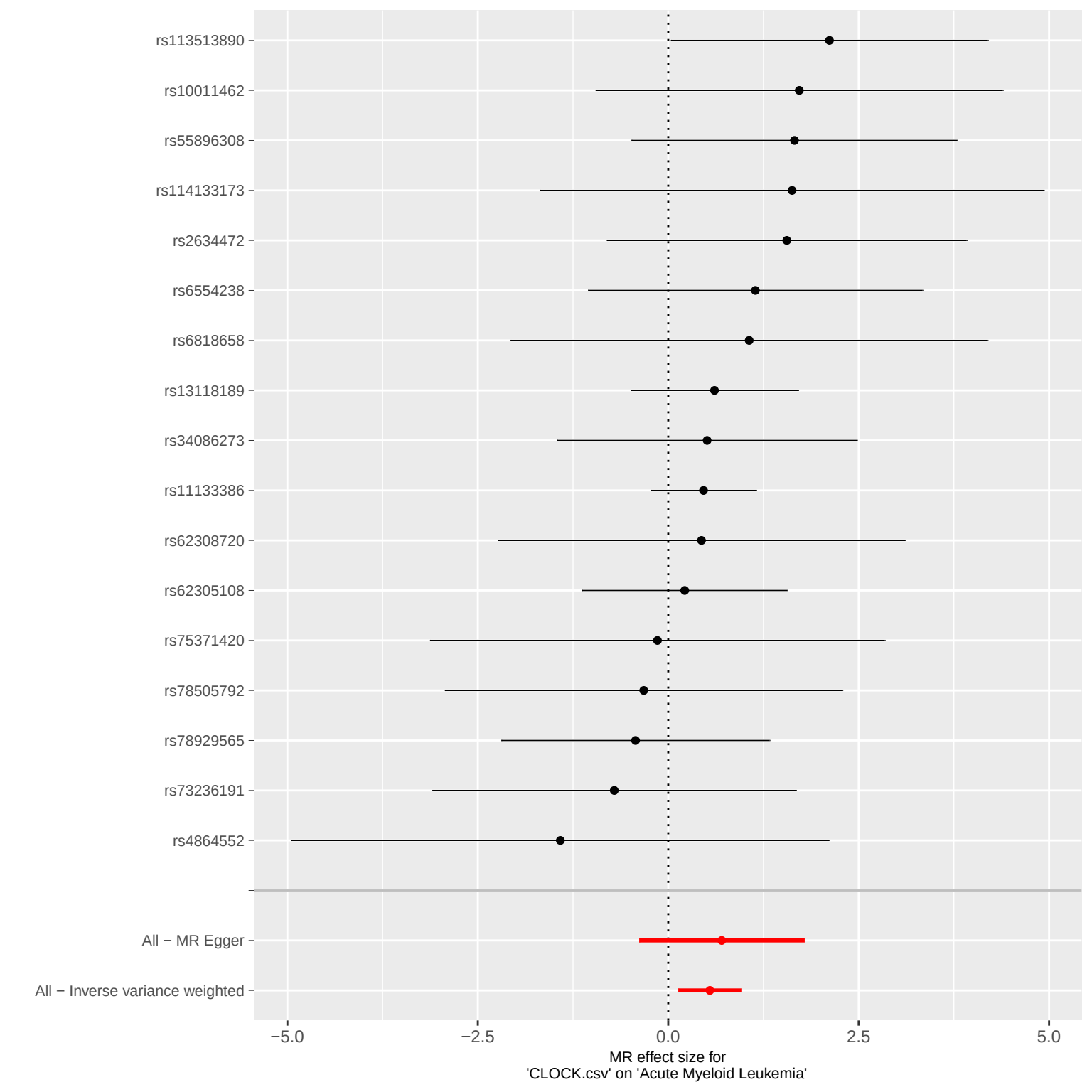
−2.5
0.0
MR effect size for
'CLIC6.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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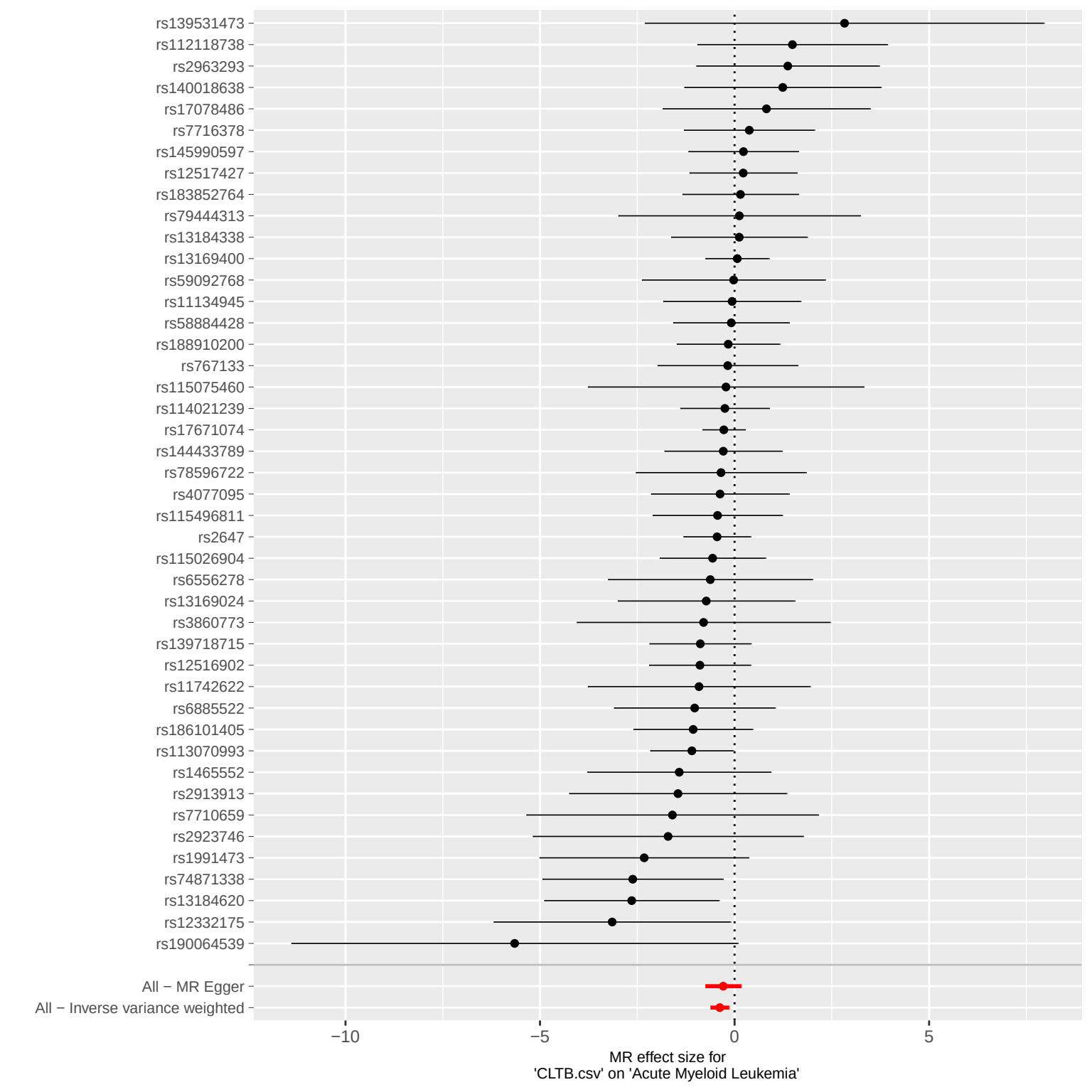
−2.5
0.0
2.5
5.0
MR effect size for
'CLOCK.csv' on 'Acute Myeloid Leukemia'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rs12516902
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All − MR Egger
All − Inverse variance weighted
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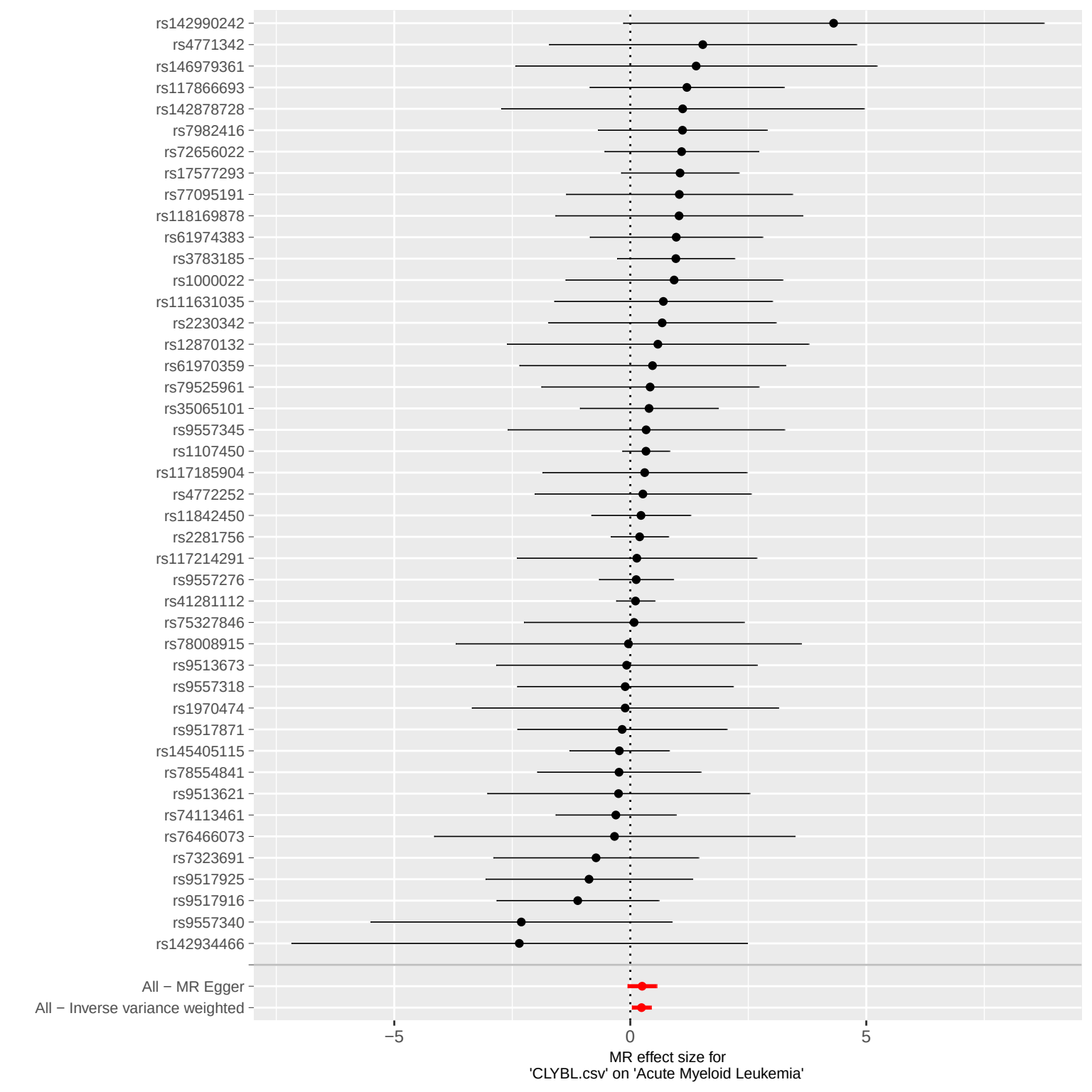
MR effect size for
'CLTB.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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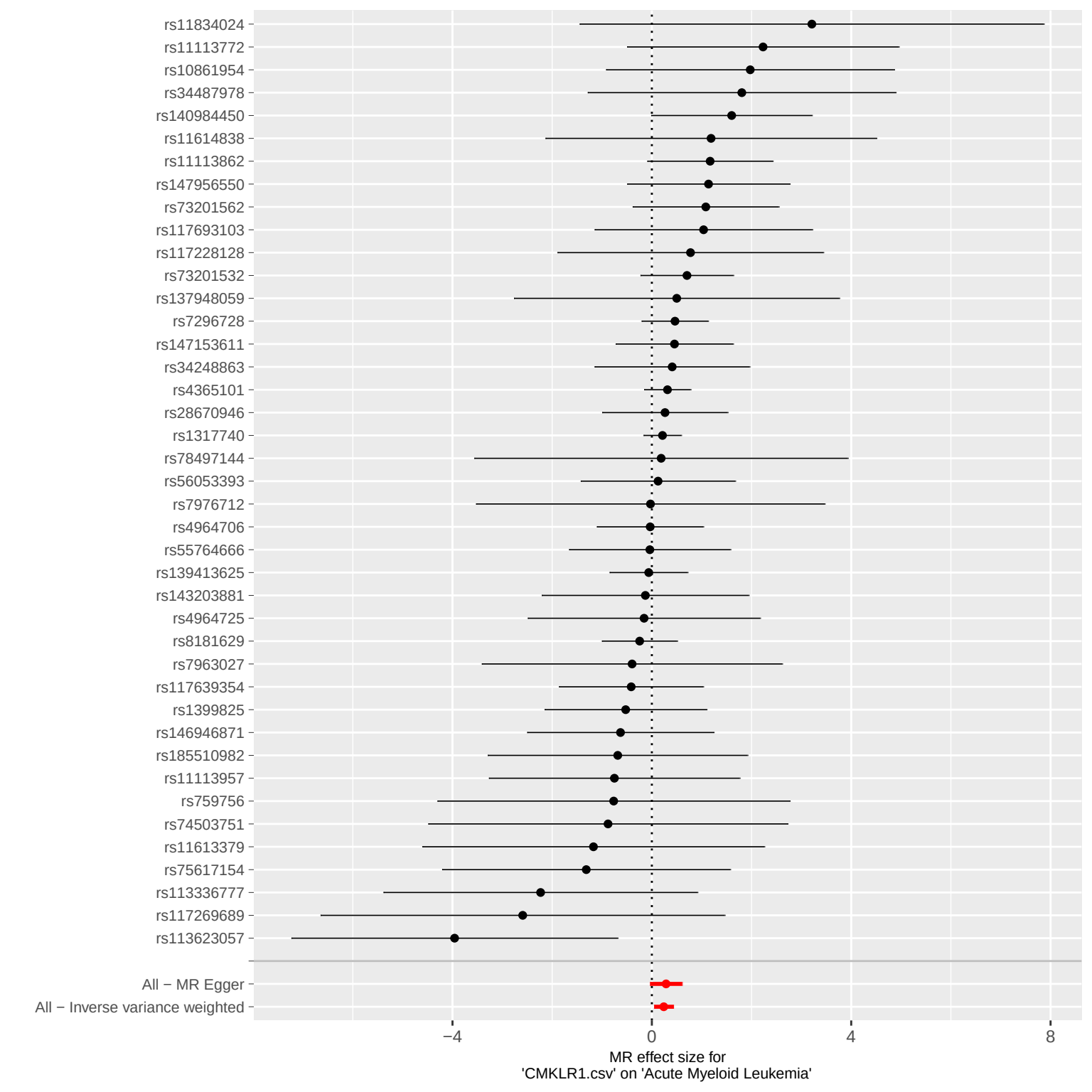
MR effect size for
'CLYBL.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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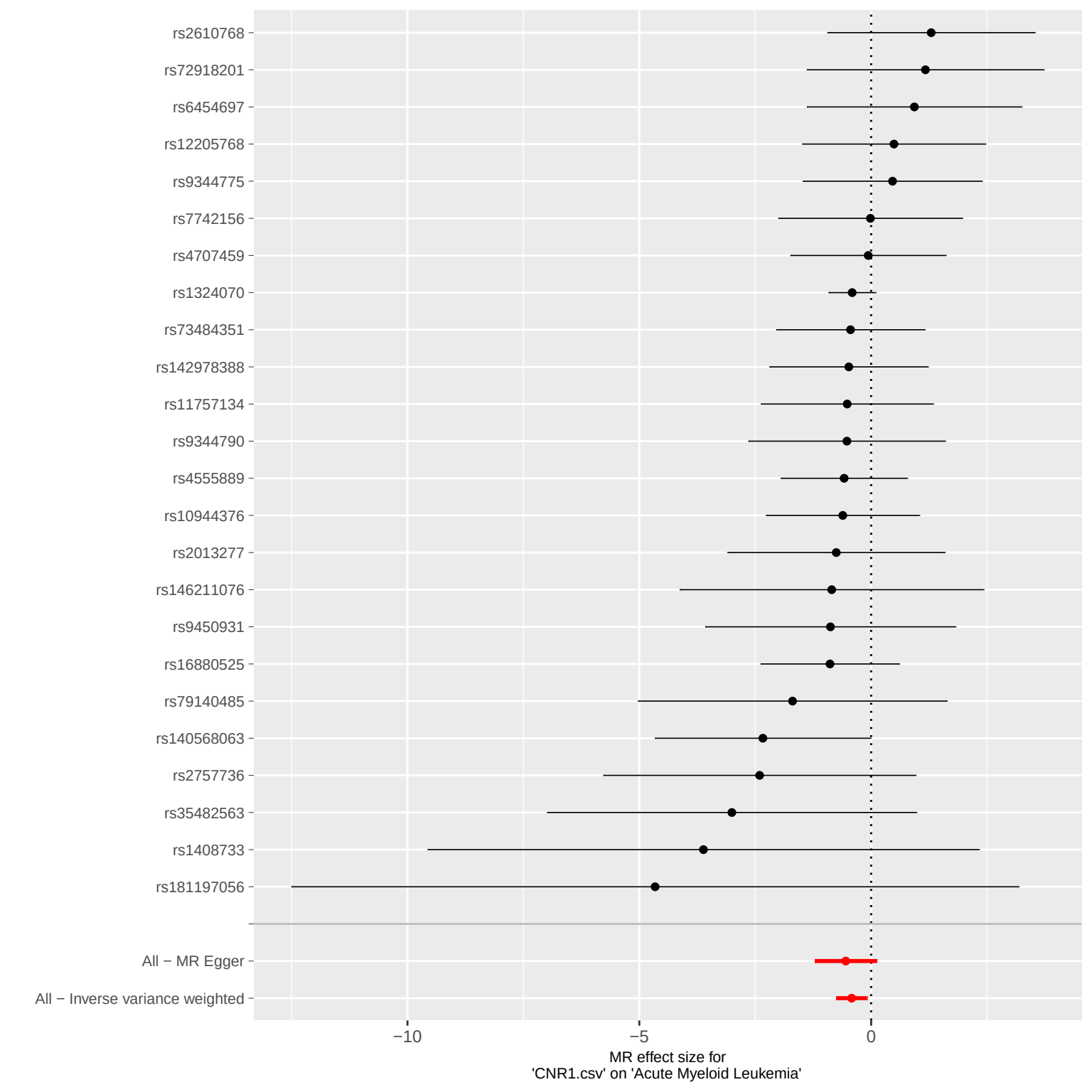
4
8
MR effect size for
'CMKLR1.csv' on 'Acute Myeloid Leukemia'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rs1408733
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All − MR Egger
All − Inverse variance weighted
−10
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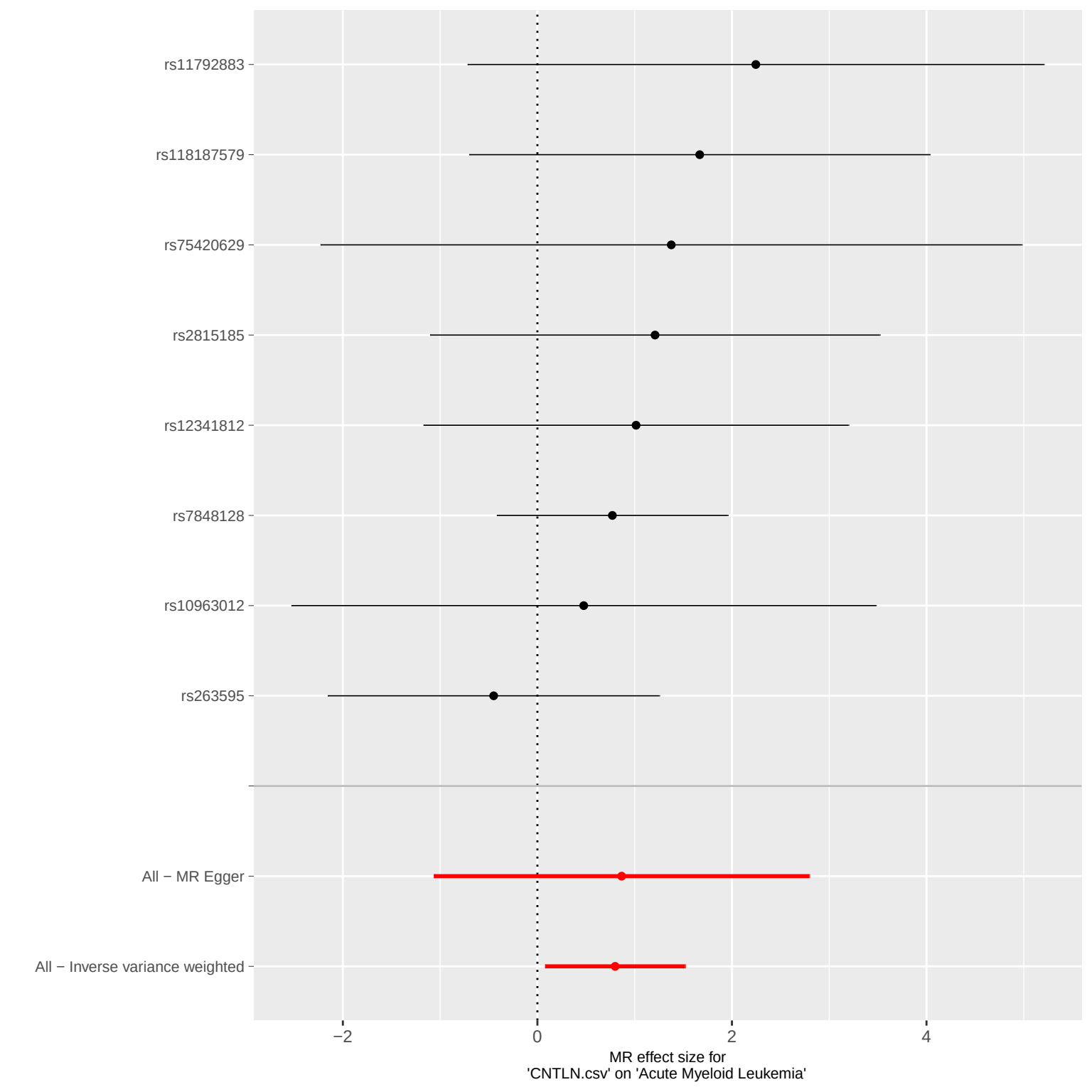
MR effect size for
'CNR1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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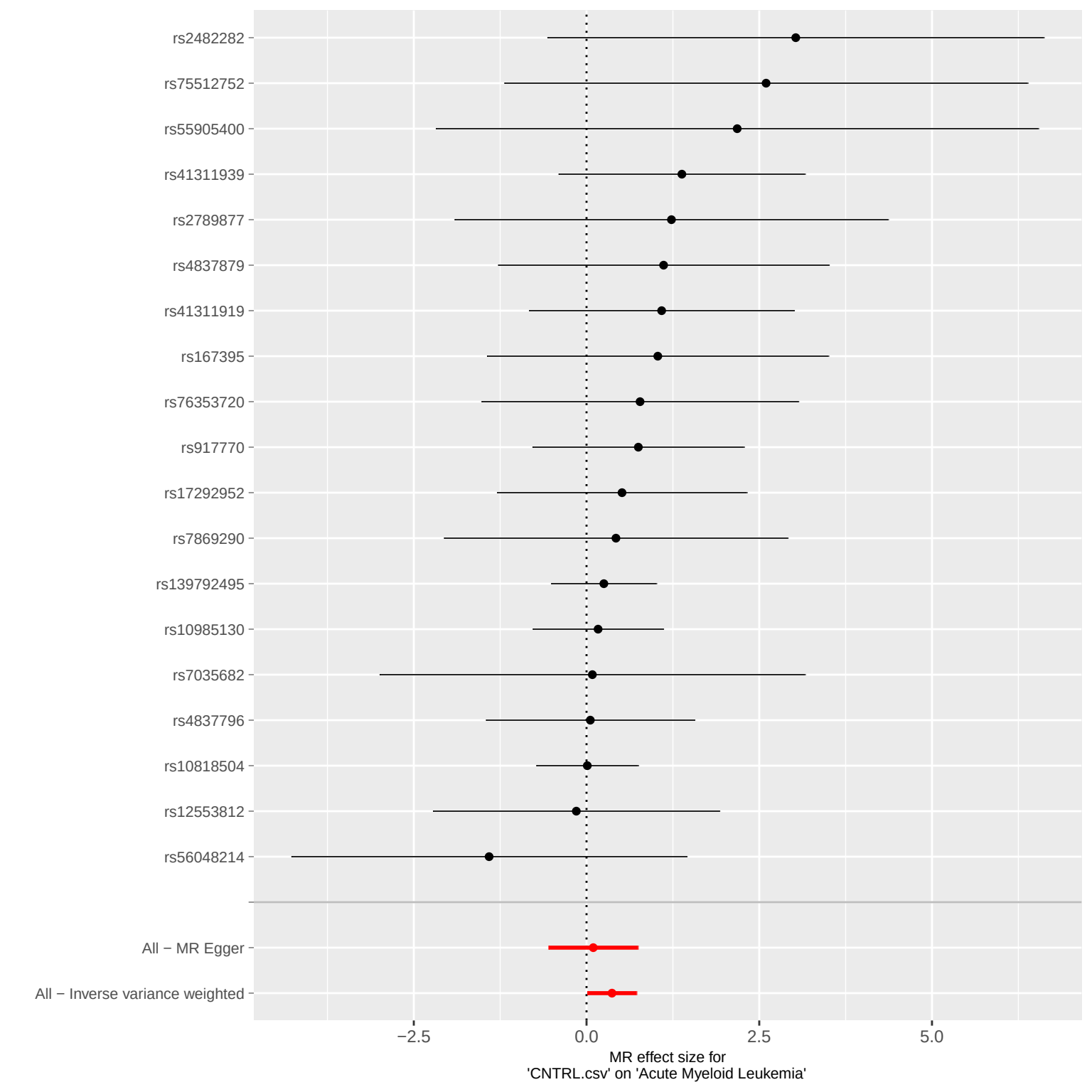
2
4
MR effect size for
'CNTLN.csv' on 'Acute Myeloid Leukemia'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rs7869290
rs139792495
rs10985130
rs7035682
rs4837796
rs10818504
rs12553812
rs56048214
All − MR Egger
All − Inverse variance weighted
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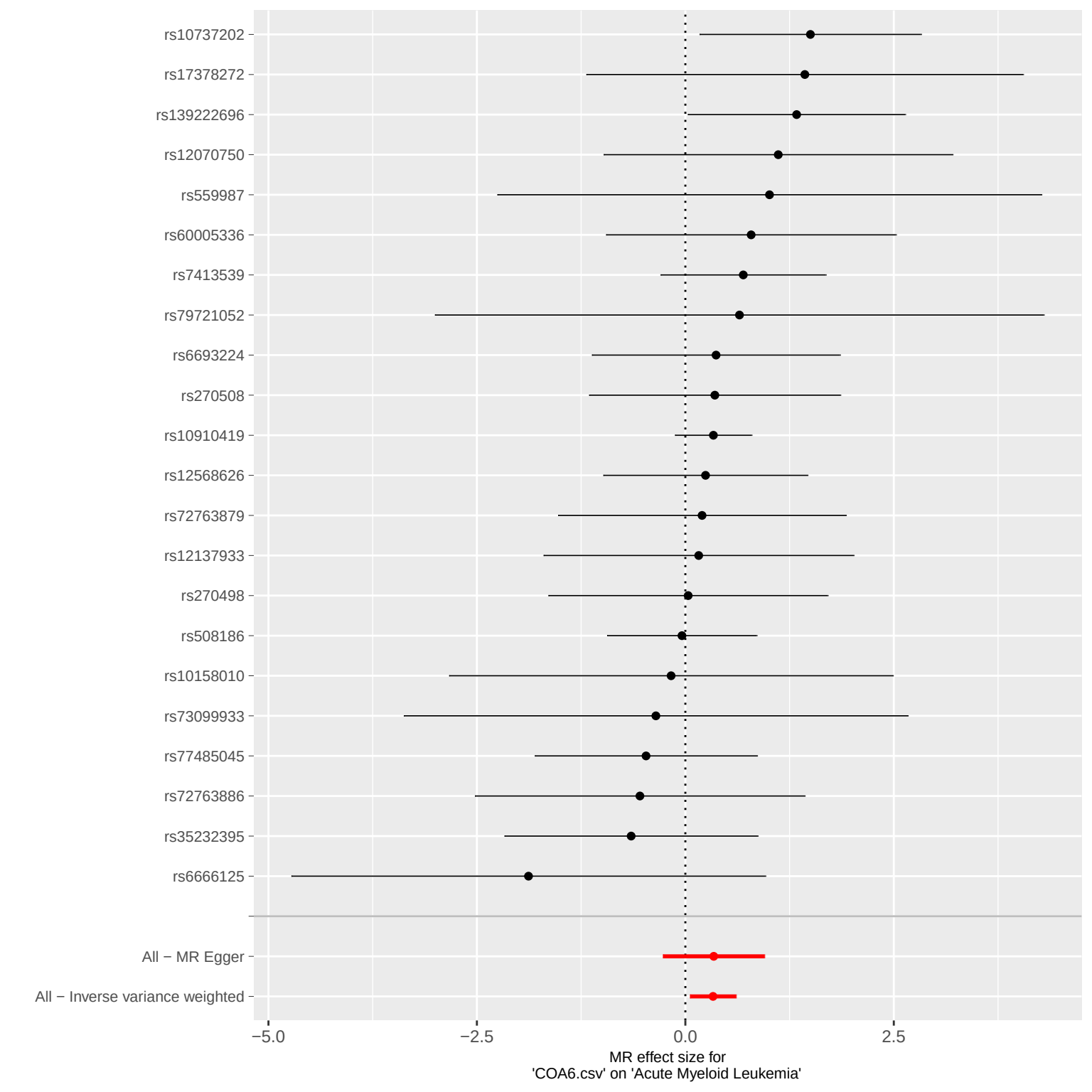
0.0
2.5
5.0
MR effect size for
'CNTRL.csv' on 'Acute Myeloid Leukemia'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rs10158010
rs73099933
rs77485045
rs72763886
rs35232395
rs6666125
All − MR Egger
All − Inverse variance weighted
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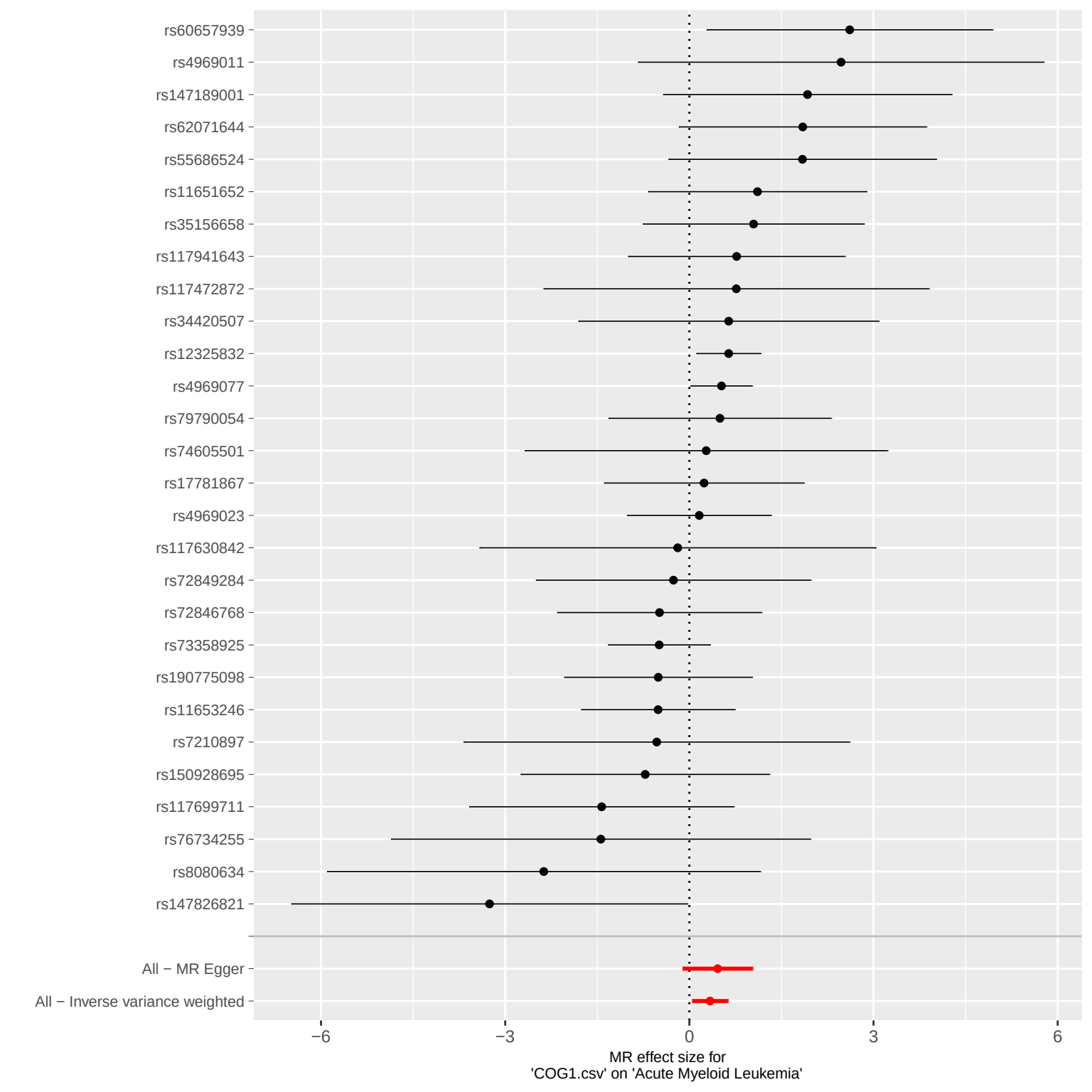
−2.5
0.0
2.5
MR effect size for
'COA6.csv' on 'Acute Myeloid Leukemia'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rs117699711
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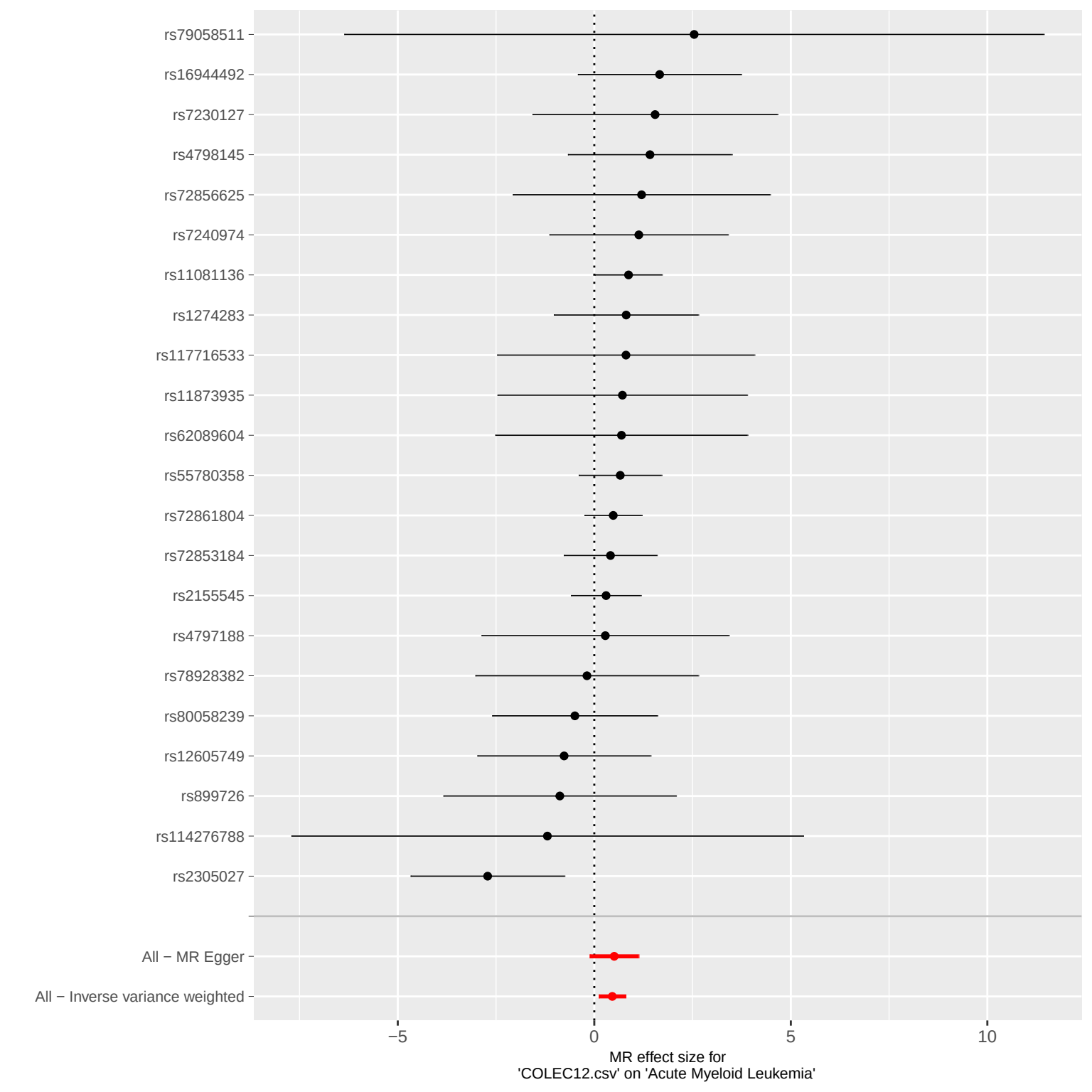
rs8080634
rs147826821
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'COG1.csv' on 'Acute Myeloid Leukemia'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rs78928382
rs80058239
rs12605749
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All − MR Egger
All − Inverse variance weighted
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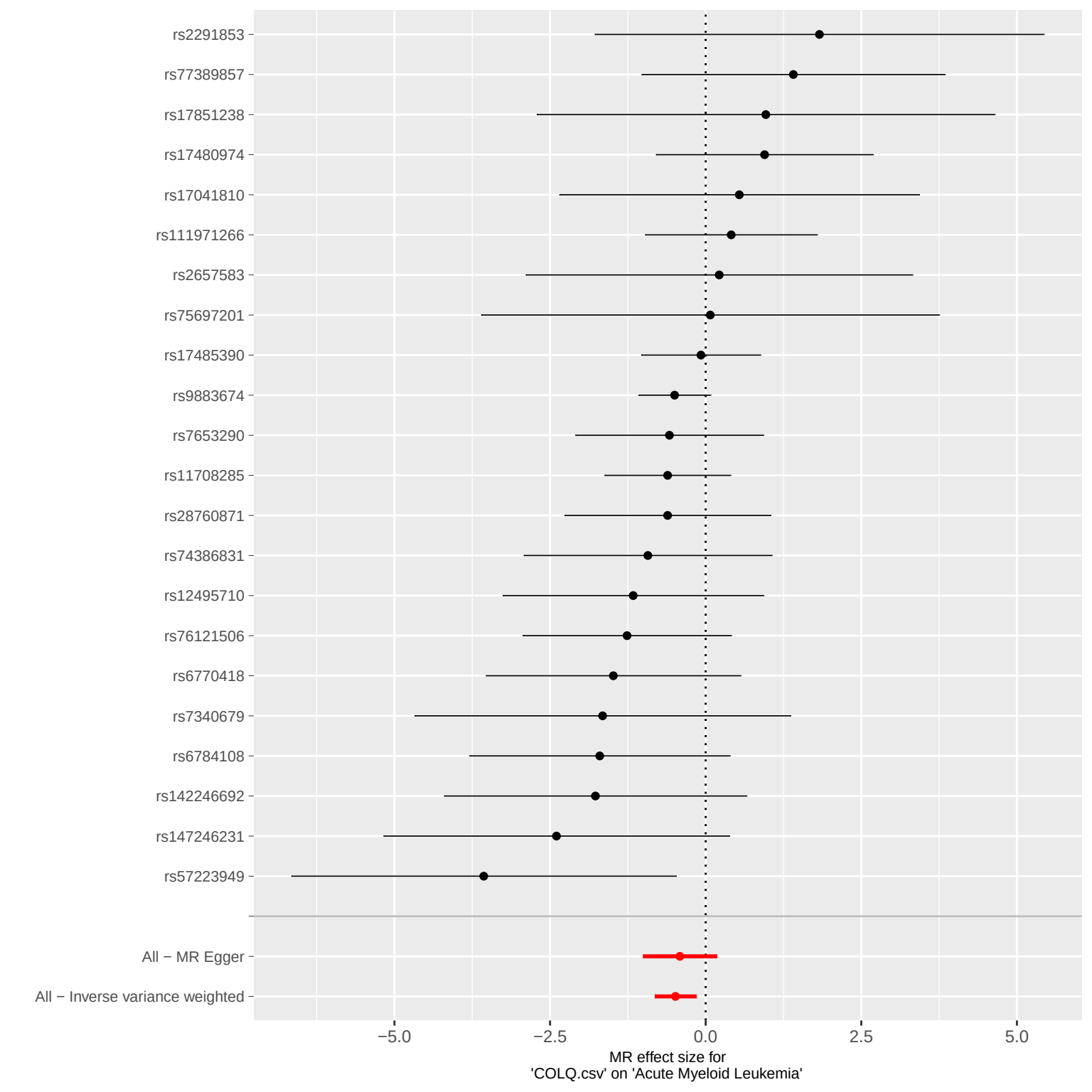
5
10
MR effect size for
'COLEC12.csv' on 'Acute Myeloid Leukemia'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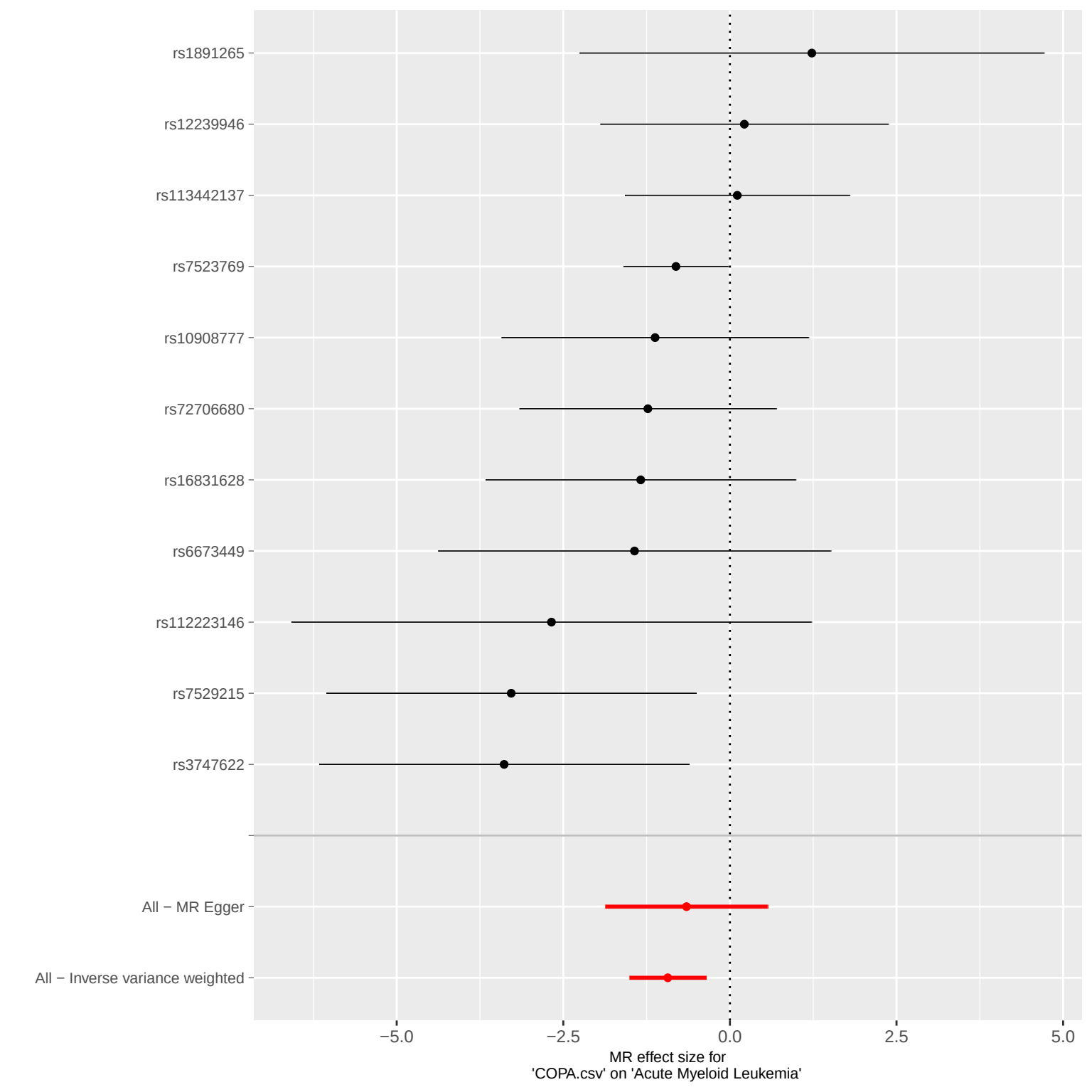
rs28760871
rs74386831
rs12495710
rs76121506
rs6770418
rs7340679
rs6784108
rs142246692
rs147246231
rs57223949
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'COLQ.csv' on 'Acute Myeloid Leukemia'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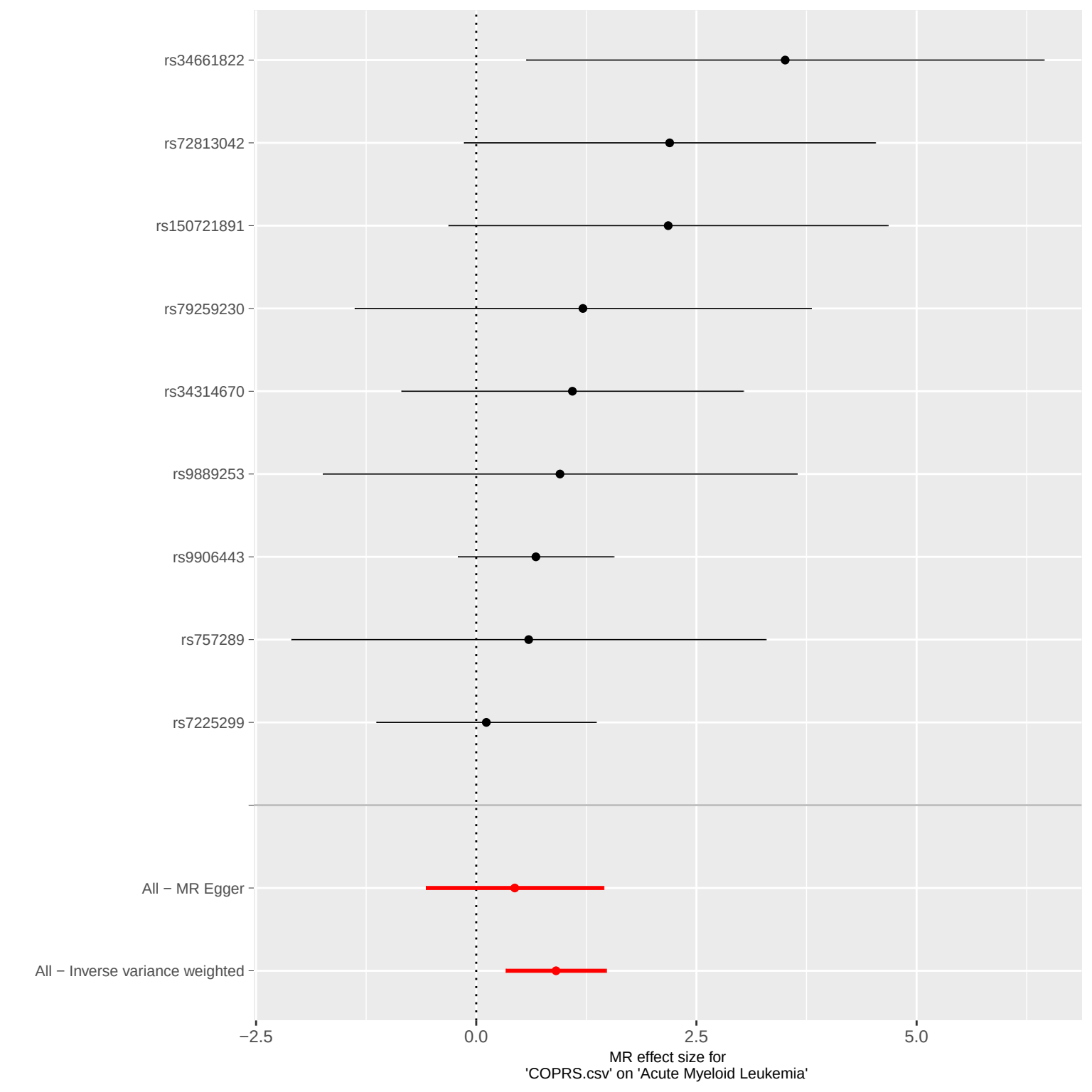
rs113442137
rs7523769
rs10908777
rs72706680
rs16831628
rs6673449
rs112223146
rs7529215
rs3747622
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'COPA.csv' on 'Acute Myeloid Leukemia'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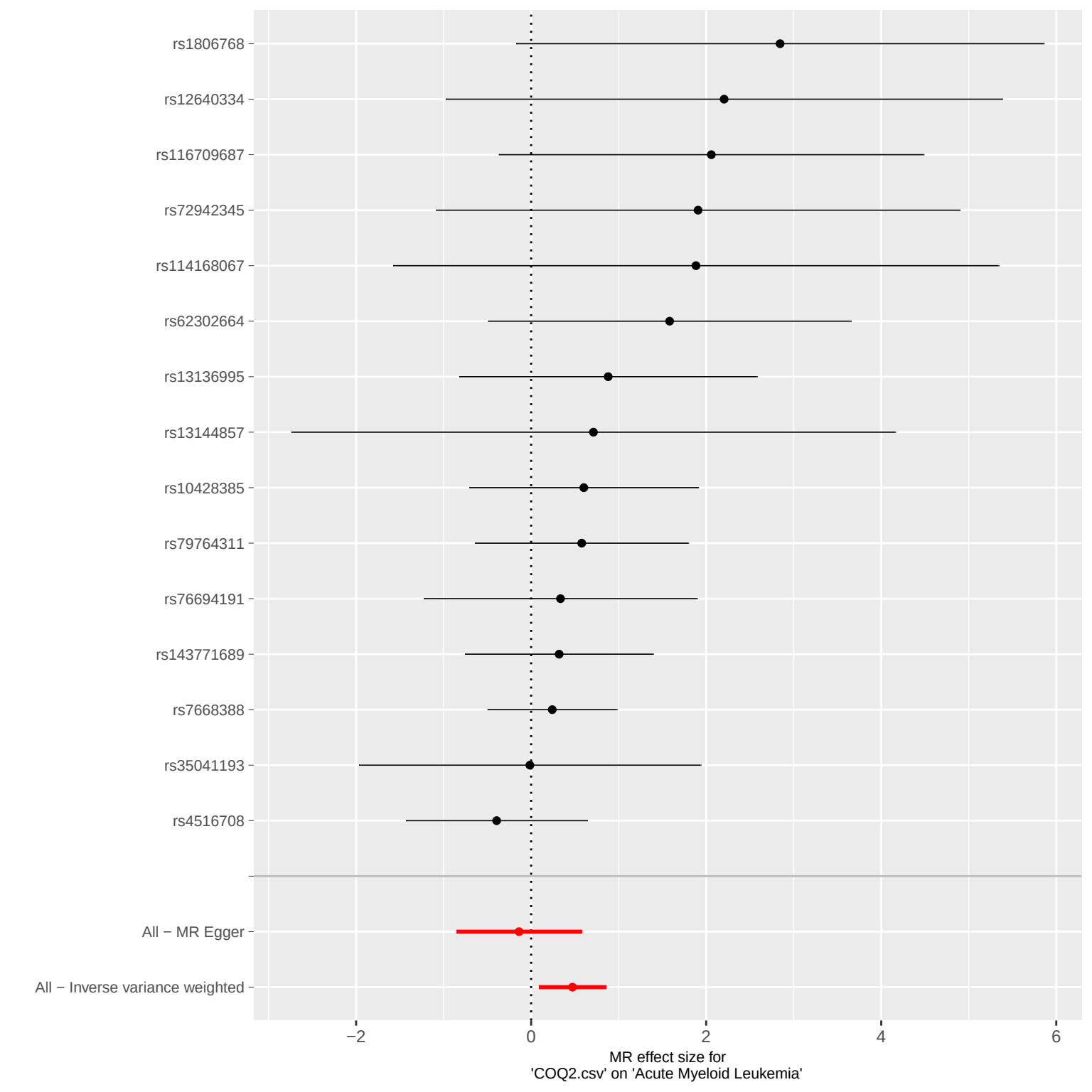
rs9889253
rs9906443
rs757289
rs7225299
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'COPRS.csv' on 'Acute Myeloid Leukemia'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rs116709687
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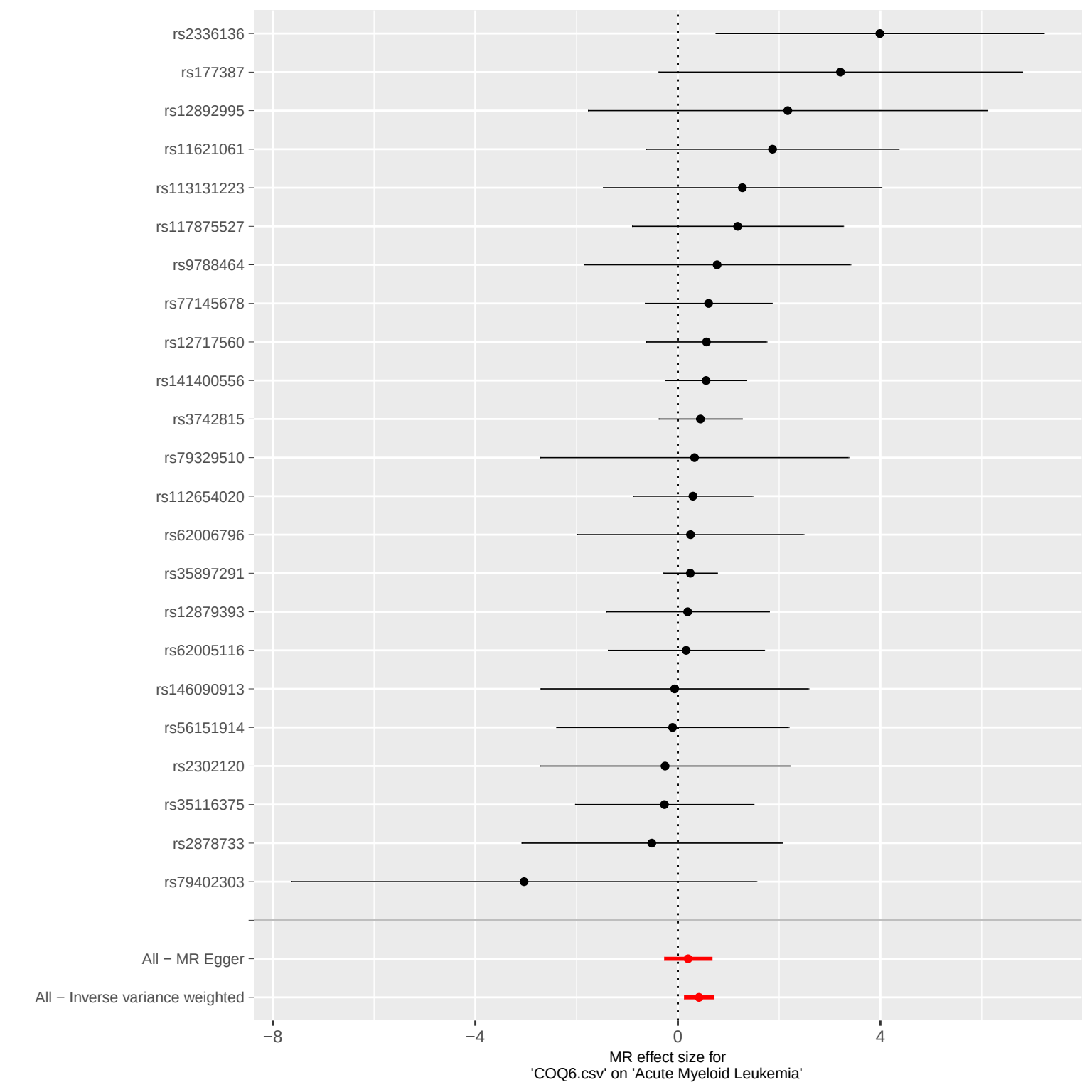
rs62302664
rs13136995
rs13144857
rs10428385
rs79764311
rs76694191
rs143771689
rs7668388
rs35041193
rs4516708
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'COQ2.csv' on 'Acute Myeloid Leukemia'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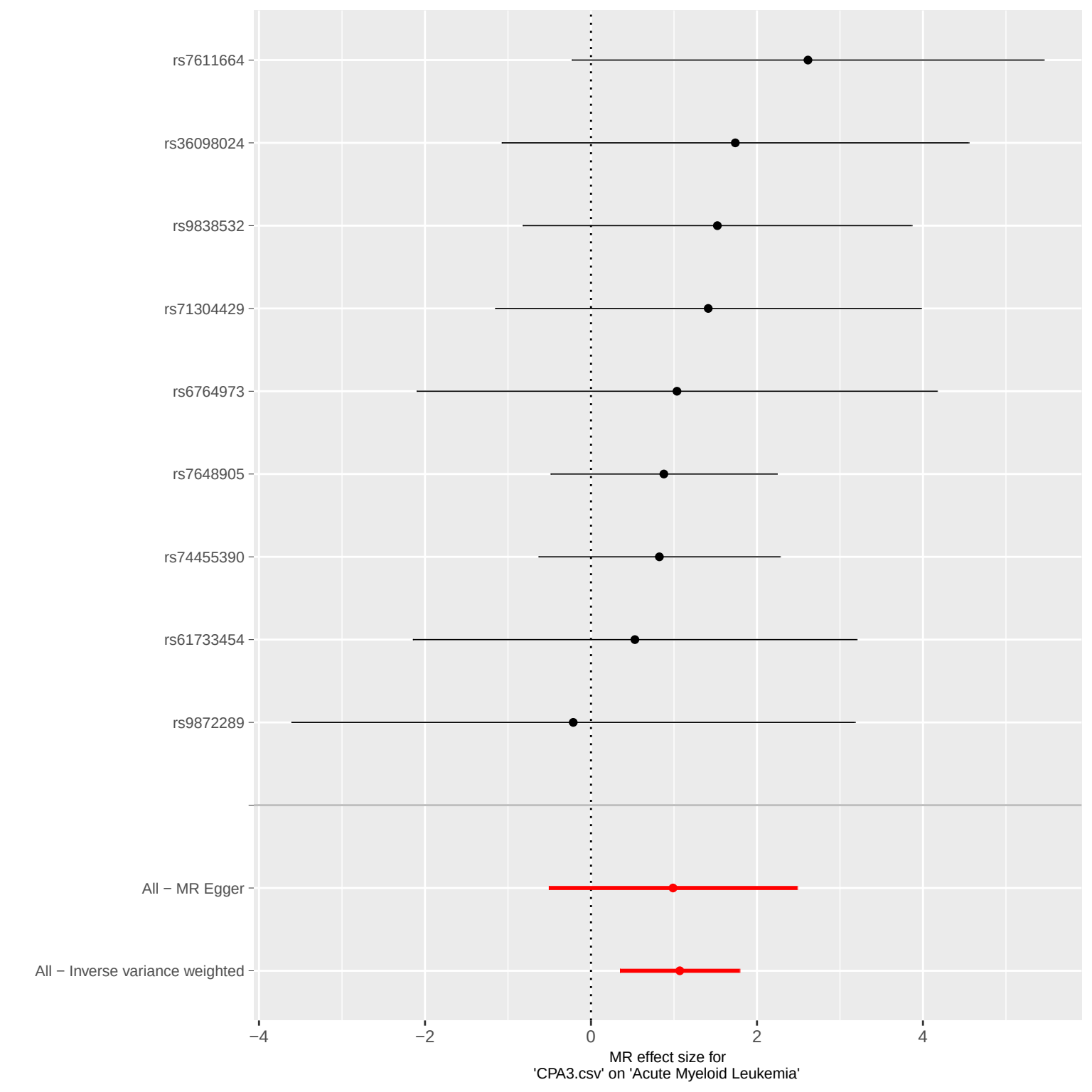
rs79329510
rs112654020
rs62006796
rs35897291
rs12879393
rs62005116
rs146090913
rs56151914
rs2302120
rs35116375
rs2878733
rs79402303
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'COQ6.csv' on 'Acute Myeloid Leukemia'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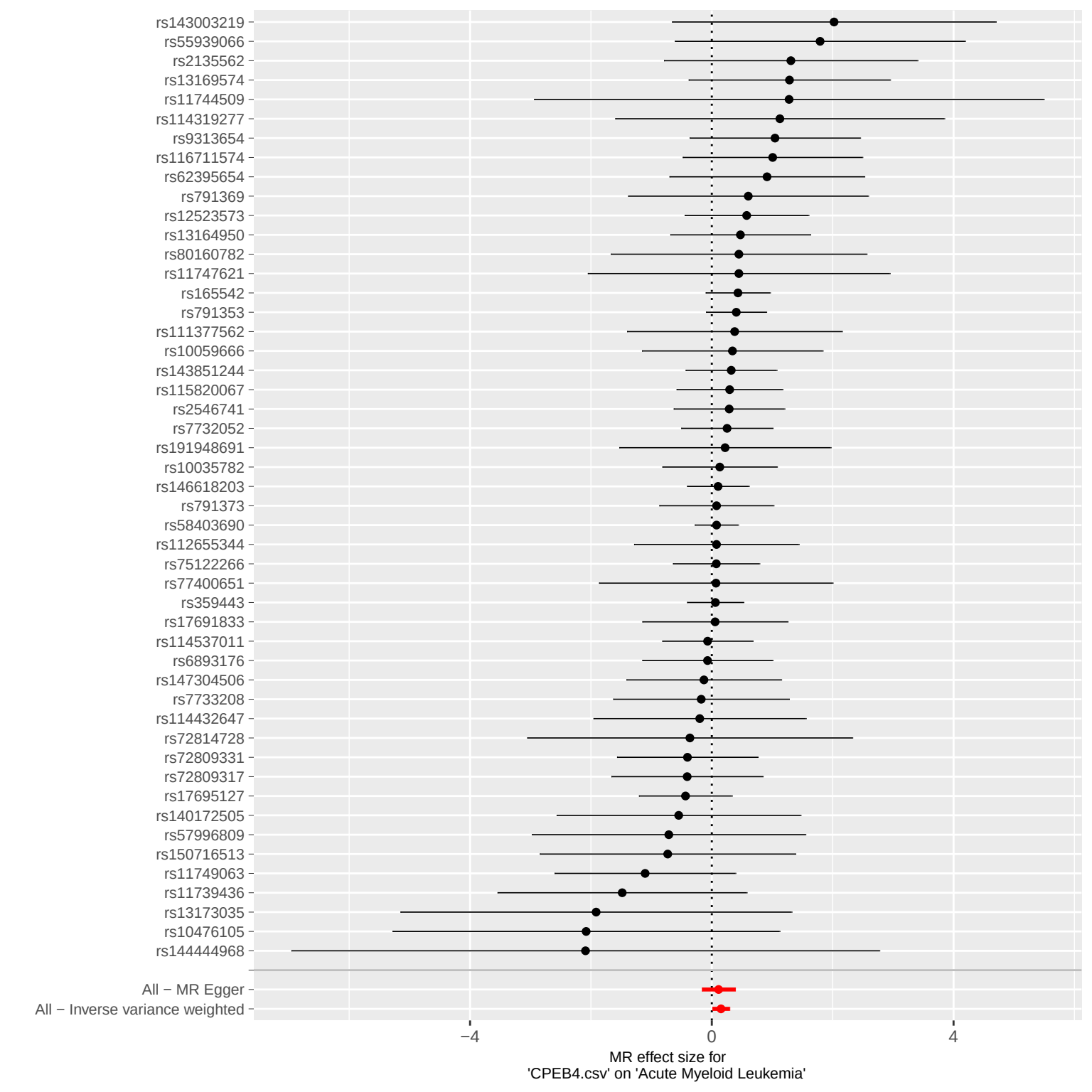
rs36098024
rs9838532
rs71304429
rs6764973
rs7648905
rs74455390
rs61733454
rs9872289
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CPA3.csv' on 'Acute Myeloid Leukemia'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rs111377562
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rs146618203
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rs58403690
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rs75122266
rs77400651
rs359443
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rs114537011
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rs147304506
rs7733208
rs114432647
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rs72809331
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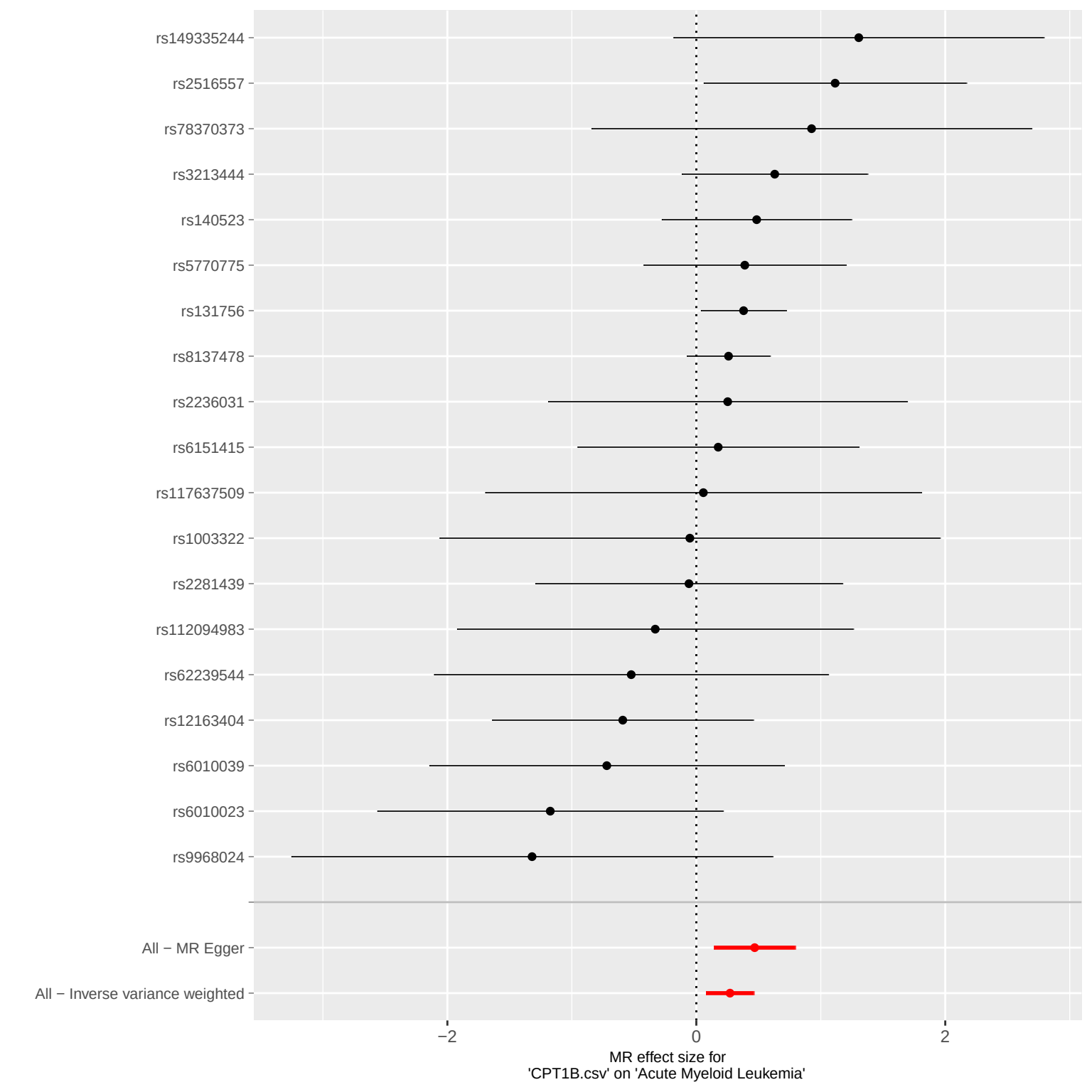
rs17695127
rs140172505
rs57996809
rs150716513
rs11749063
rs11739436
rs13173035
rs10476105
rs144444968
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'CPEB4.csv' on 'Acute Myeloid Leukemia'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rs78370373
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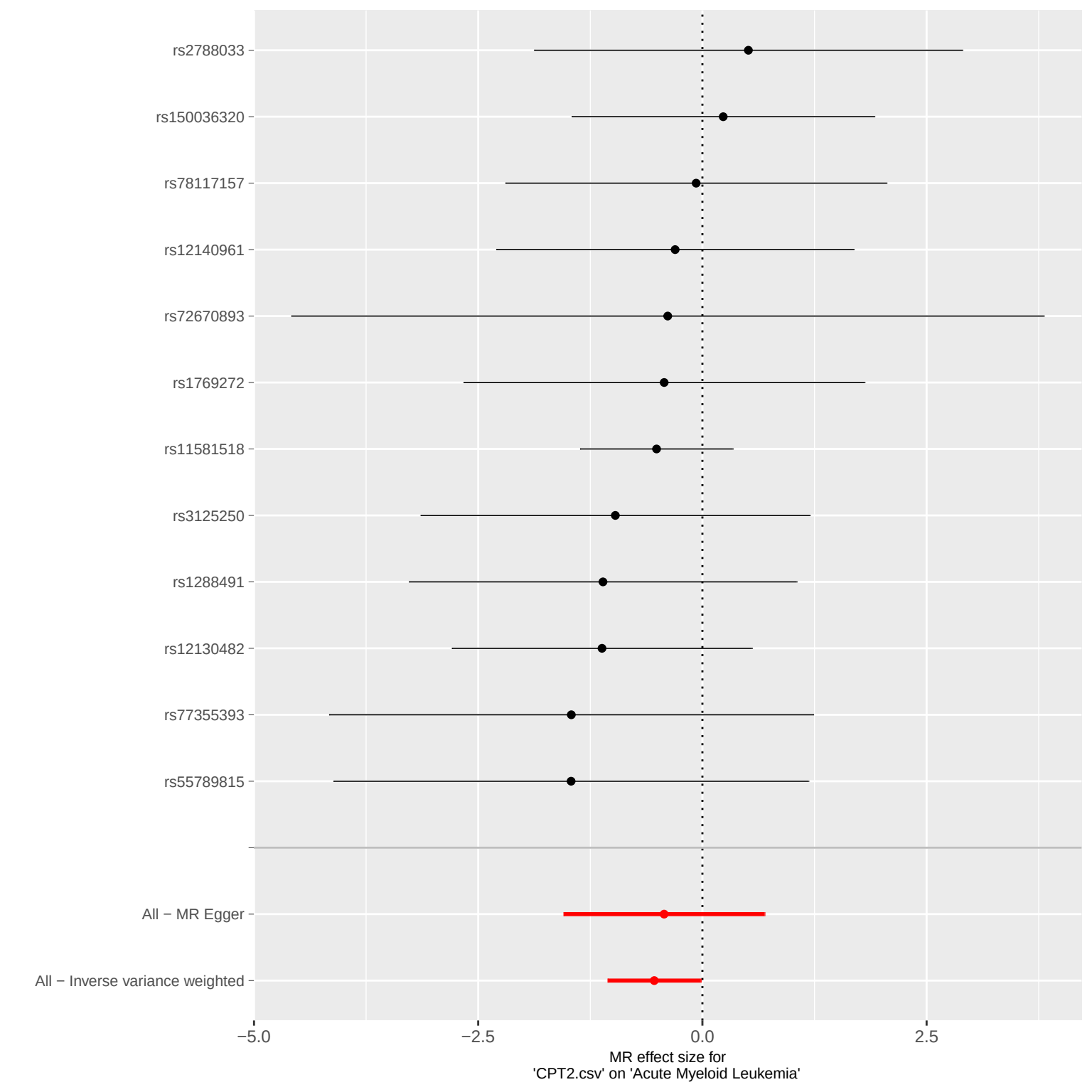
rs8137478
rs2236031
rs6151415
rs117637509
rs1003322
rs2281439
rs112094983
rs62239544
rs12163404
rs6010039
rs6010023
rs9968024
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CPT1B.csv' on 'Acute Myeloid Leukemia'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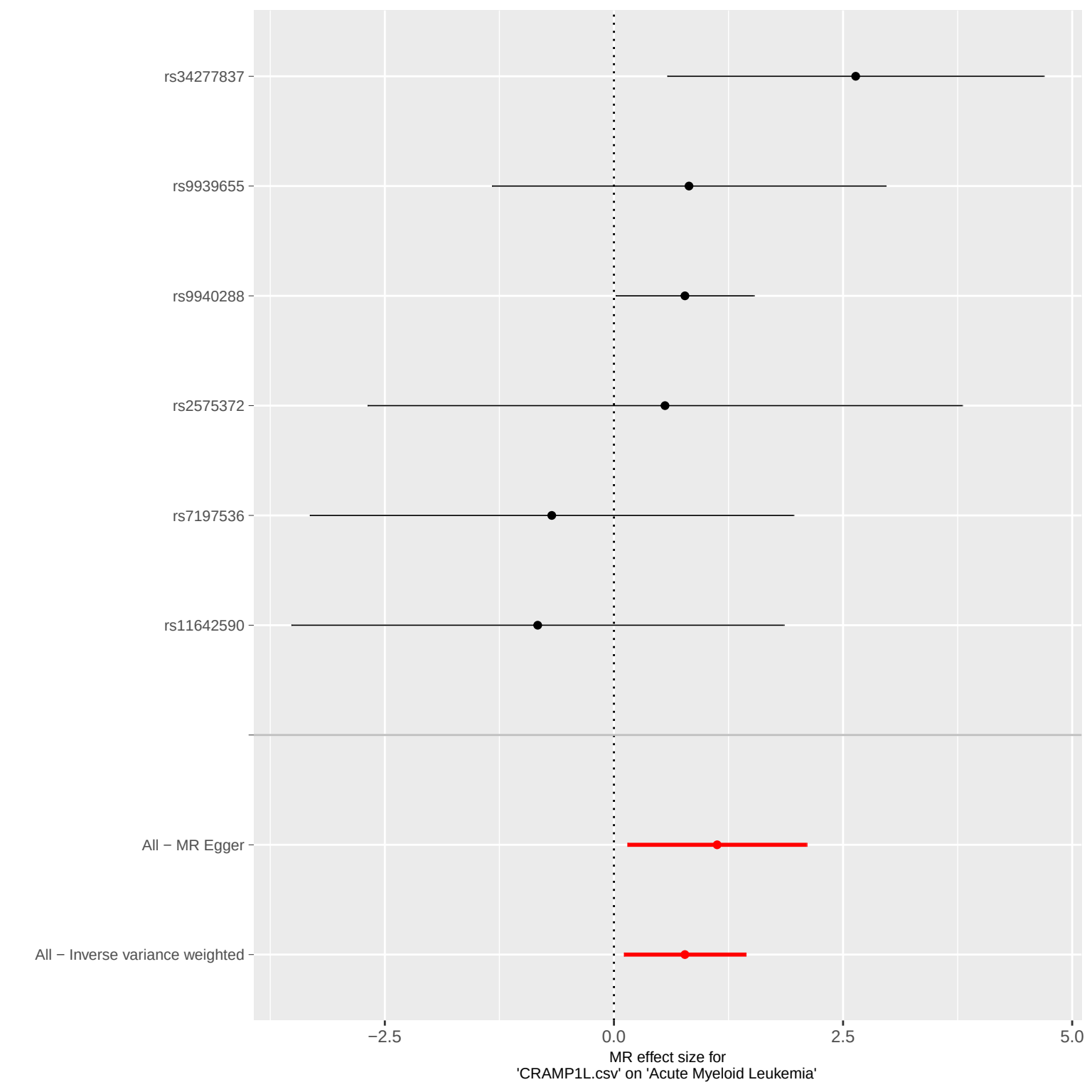
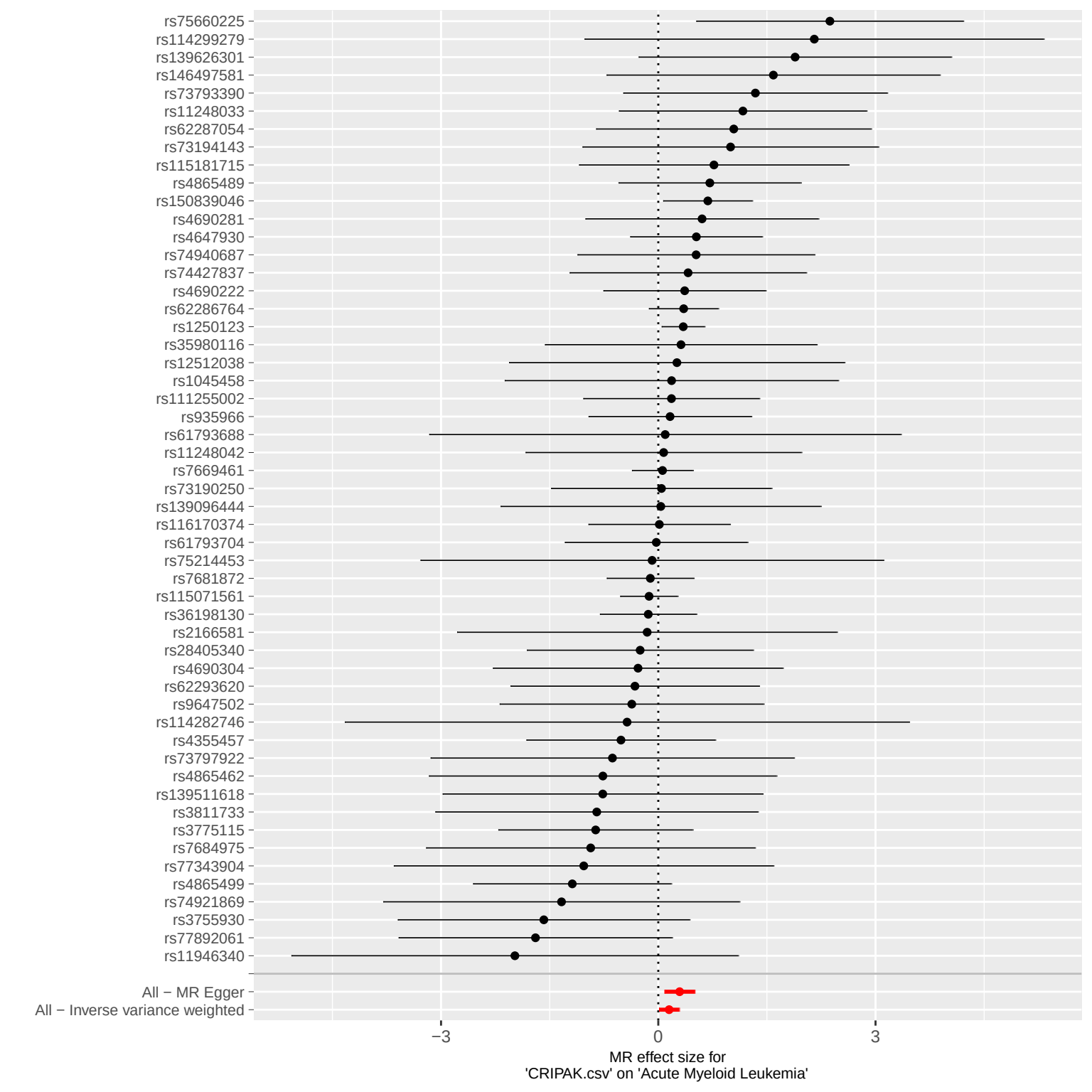
rs150036320
rs78117157
rs12140961
rs72670893
rs1769272
rs11581518
rs3125250
rs1288491
rs12130482
rs77355393
rs55789815
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CPT2.csv' on 'Acute Myeloid Leukemia'


rs34277837
rs9939655
rs9940288
rs2575372
rs7197536
rs11642590
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CRAMP1L.csv' on 'Acute Myeloid Leukemia'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rs12512038
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rs111255002
rs935966
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rs11248042
rs7669461
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rs139096444
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rs139511618
rs3811733
rs3775115
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rs4865499
rs74921869
rs3755930
rs77892061
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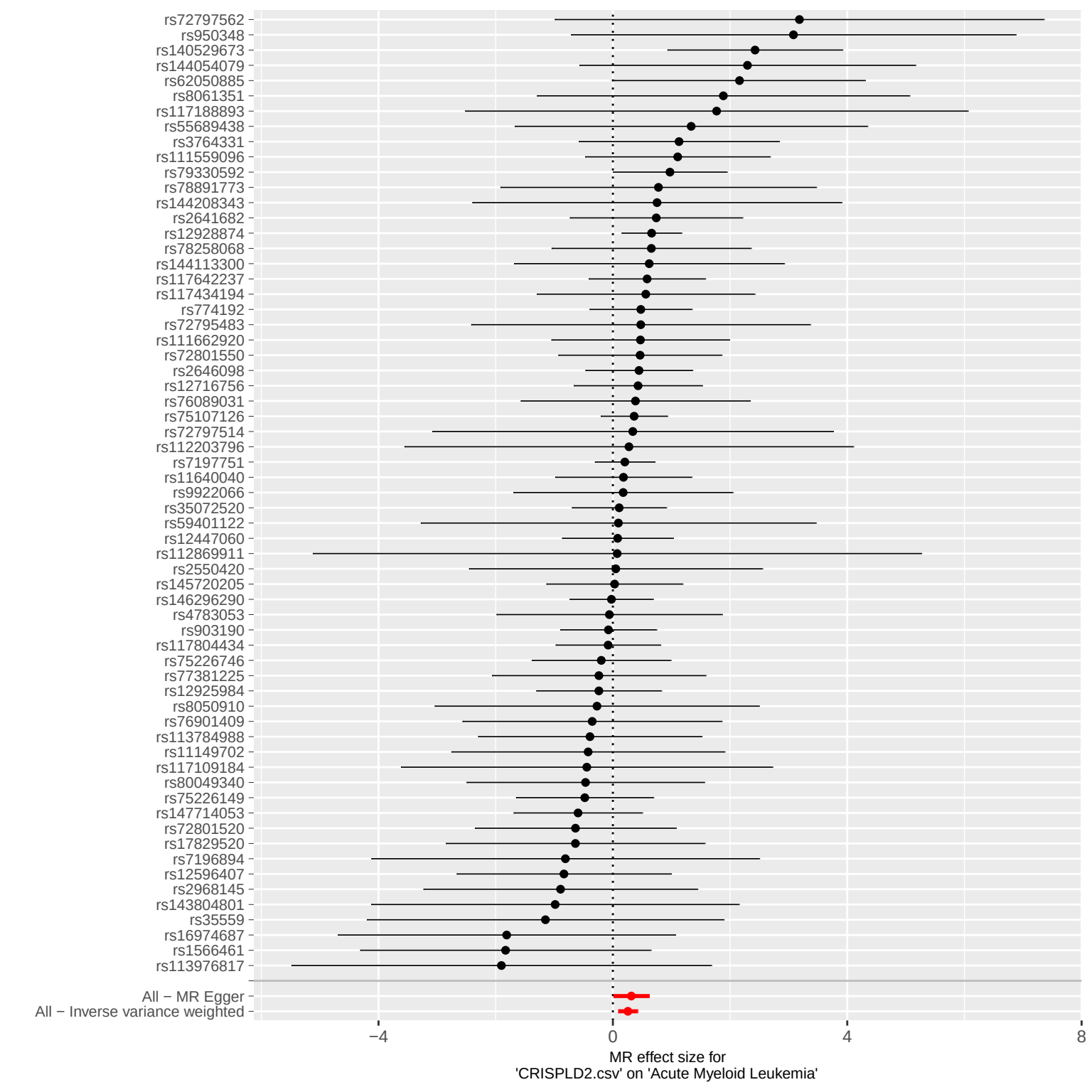
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'CRIPAK.csv' on 'Acute Myeloid Leukemia'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rs774192
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rs75107126
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rs112203796
rs7197751
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rs35072520
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rs112869911
rs2550420
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rs146296290
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rs12596407
rs2968145
rs143804801
rs35559
rs16974687
rs1566461
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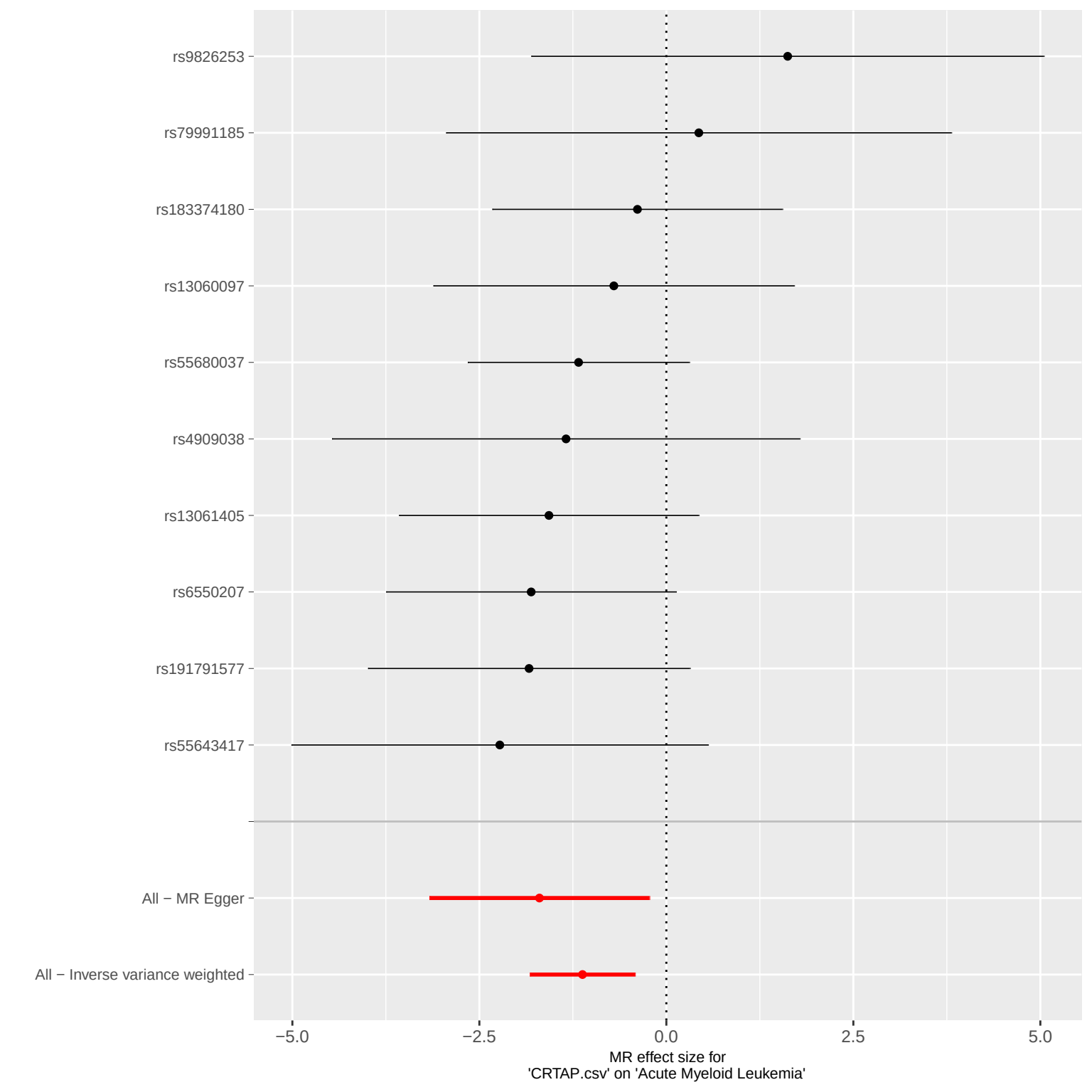
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'CRISPLD2.csv' on 'Acute Myeloid Leukemia'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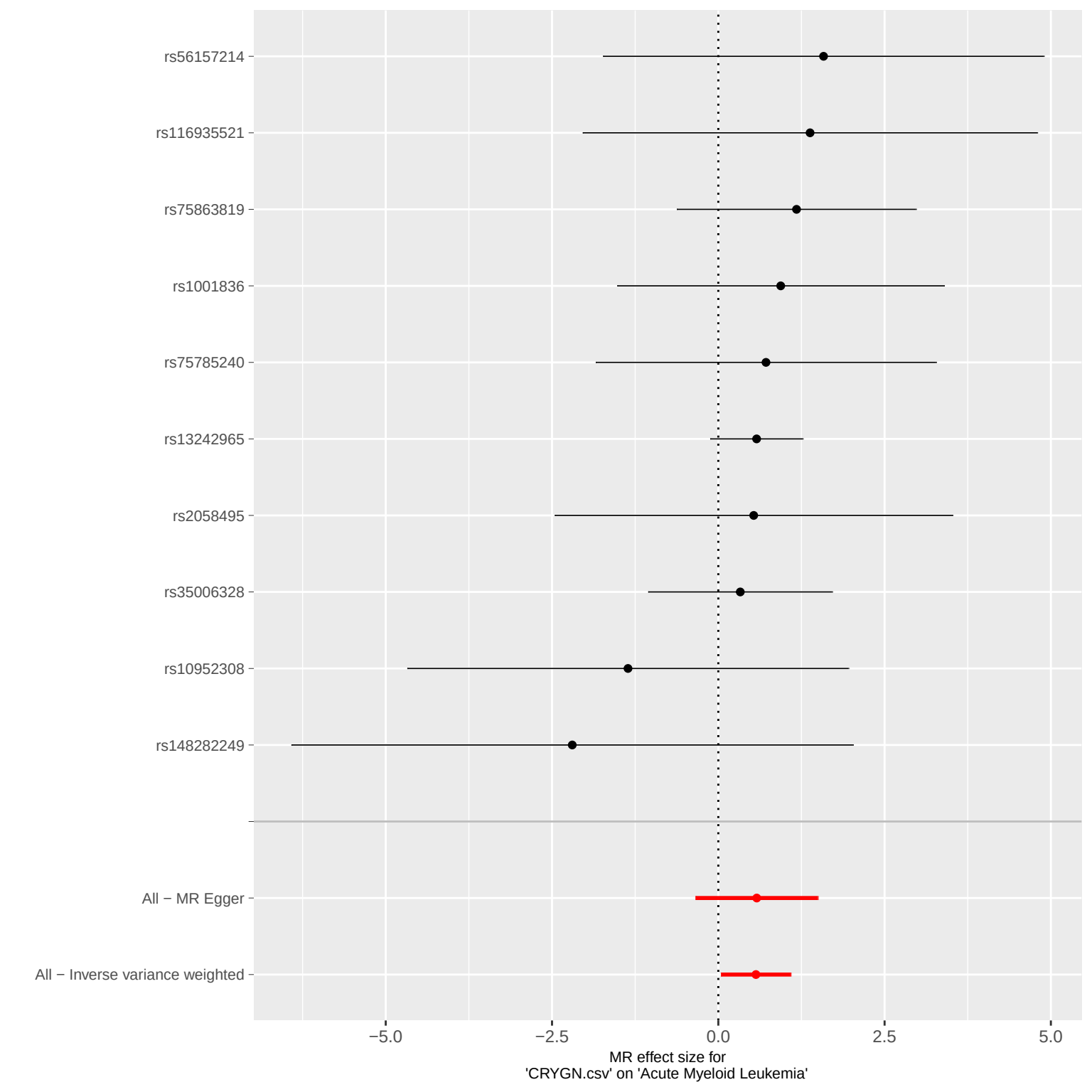
rs79991185
rs183374180
rs13060097
rs55680037
rs4909038
rs13061405
rs6550207
rs191791577
rs55643417
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CRTAP.csv' on 'Acute Myeloid Leukemia'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rs75785240
rs13242965
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rs35006328
rs10952308
rs148282249
All − MR Egger
All − Inverse variance weighted
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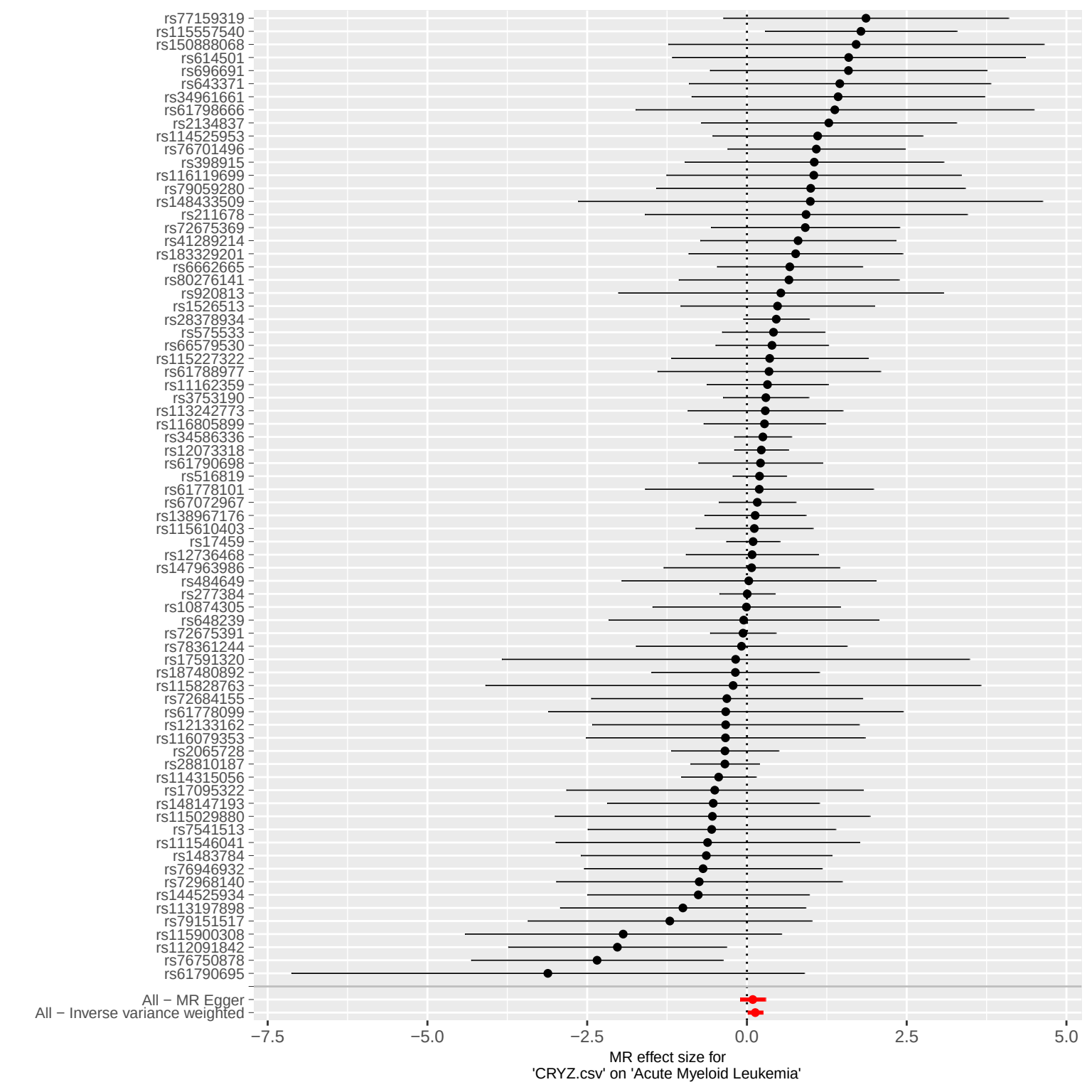
−2.5
0.0
2.5
5.0
MR effect size for
'CRYGN.csv' on 'Acute Myeloid Leukemia'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rs12133162
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rs2065728
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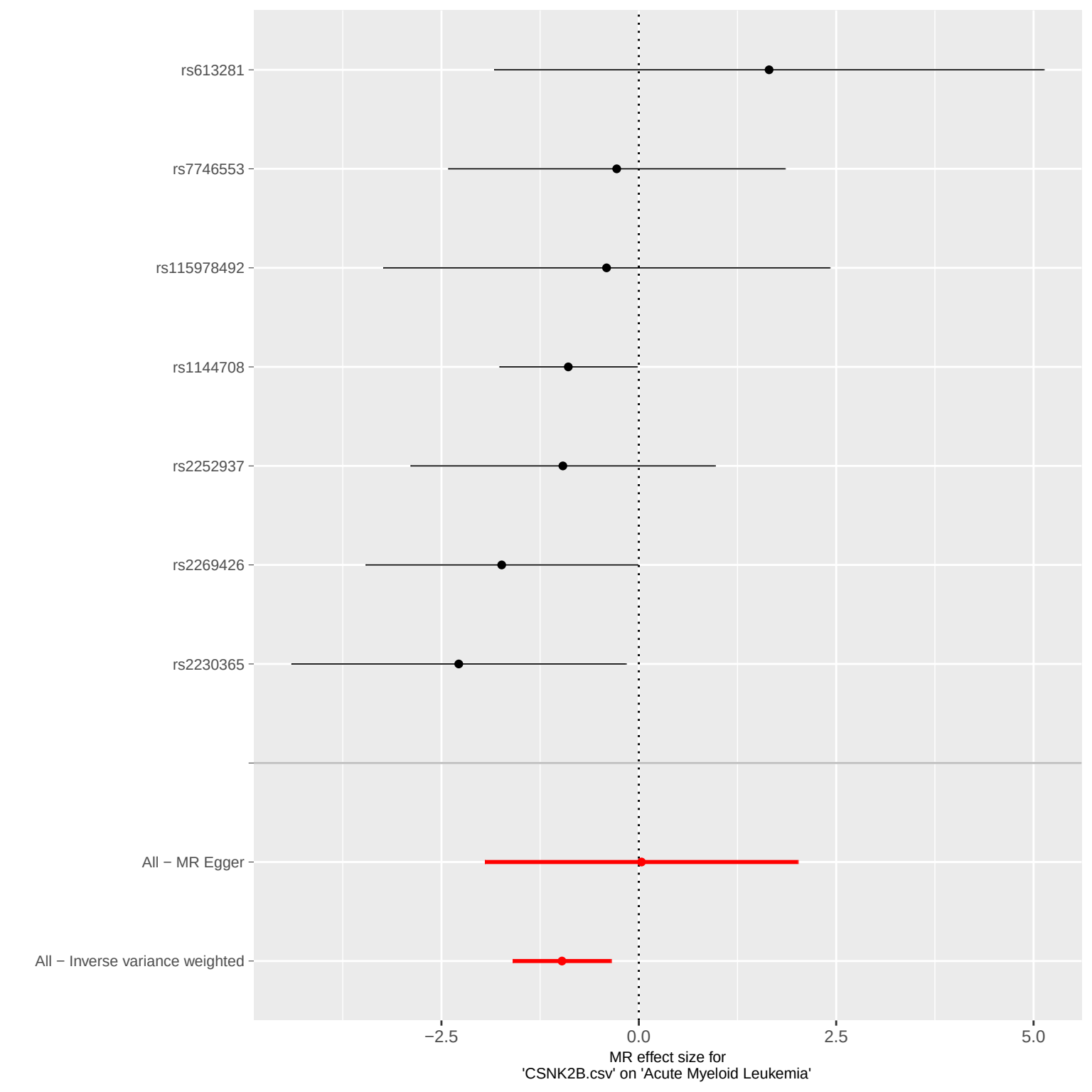
rs115900308
rs112091842
rs76750878
rs61790695
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'CRYZ.csv' on 'Acute Myeloid Leukemia'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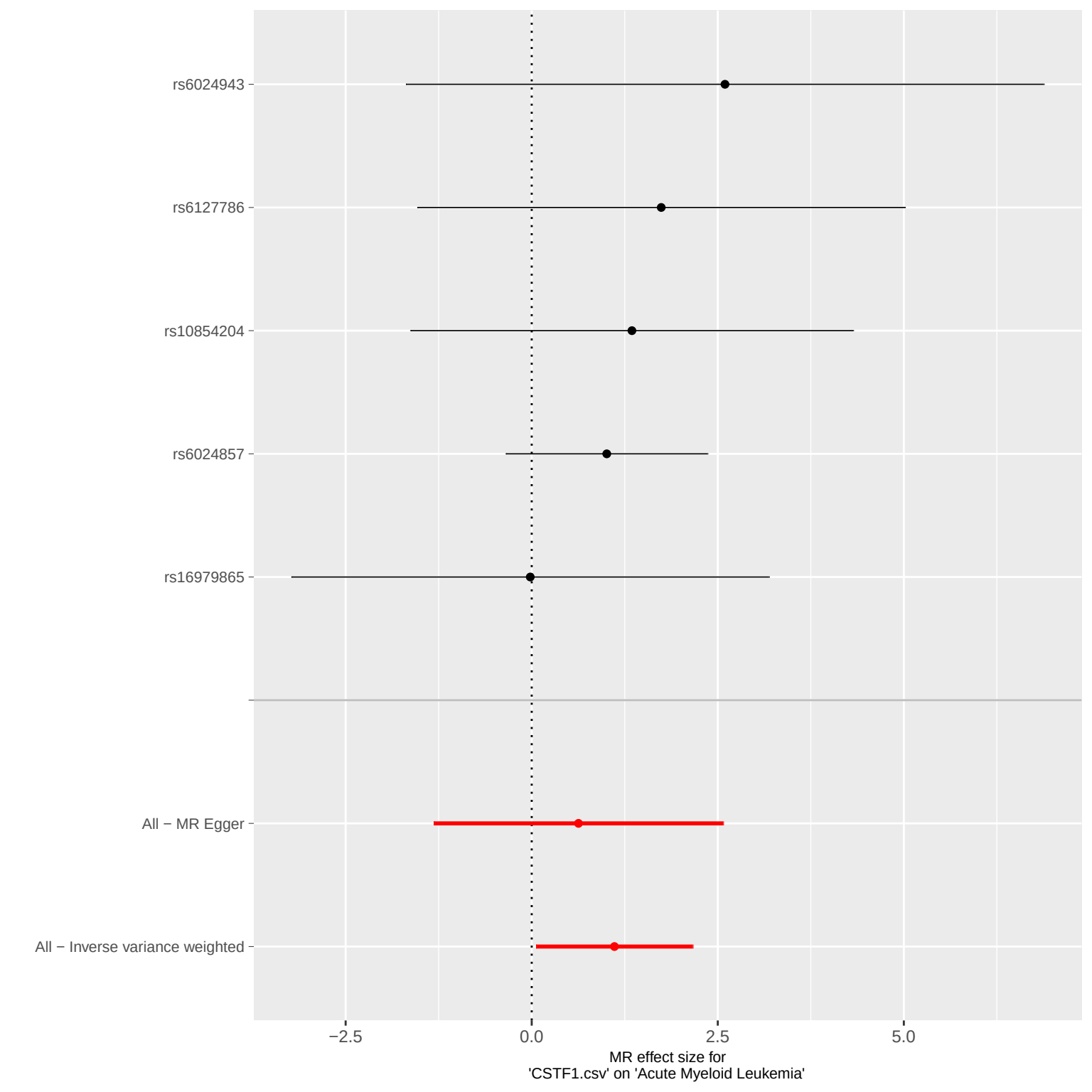
rs7746553
rs115978492
rs1144708
rs2252937
rs2269426
rs2230365
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CSNK2B.csv' on 'Acute Myeloid Leukemia'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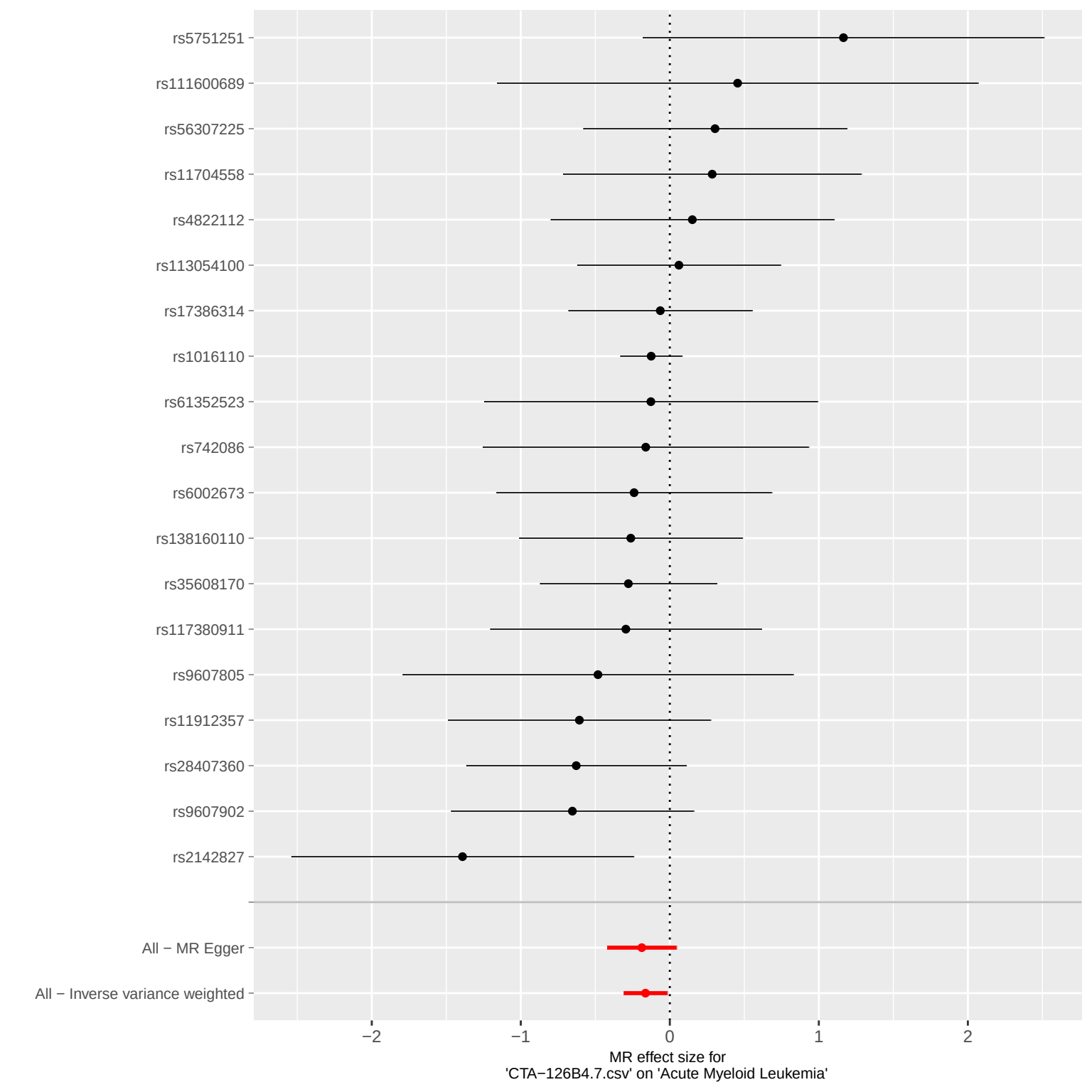
rs6127786
rs10854204
rs6024857
rs16979865
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CSTF1.csv' on 'Acute Myeloid Leukemia'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rs56307225
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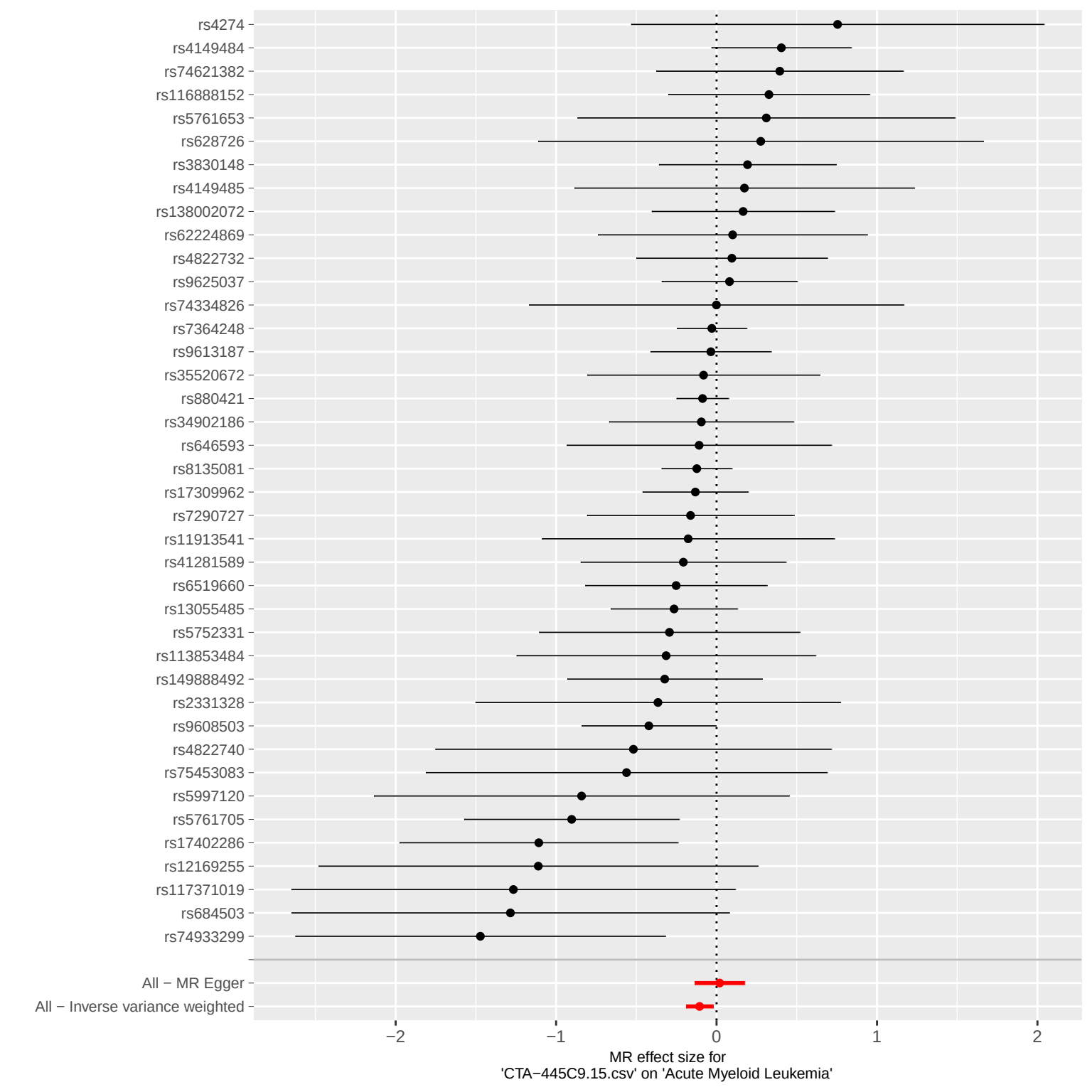
rs4822112
rs113054100
rs17386314
rs1016110
rs61352523
rs742086
rs6002673
rs138160110
rs35608170
rs117380911
rs9607805
rs11912357
rs28407360
rs9607902
rs2142827
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'CTA−126B4.7.csv' on 'Acute Myeloid Leukemia'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rs74334826
rs7364248
rs9613187
rs35520672
rs880421
rs34902186
rs646593
rs8135081
rs17309962
rs7290727
rs11913541
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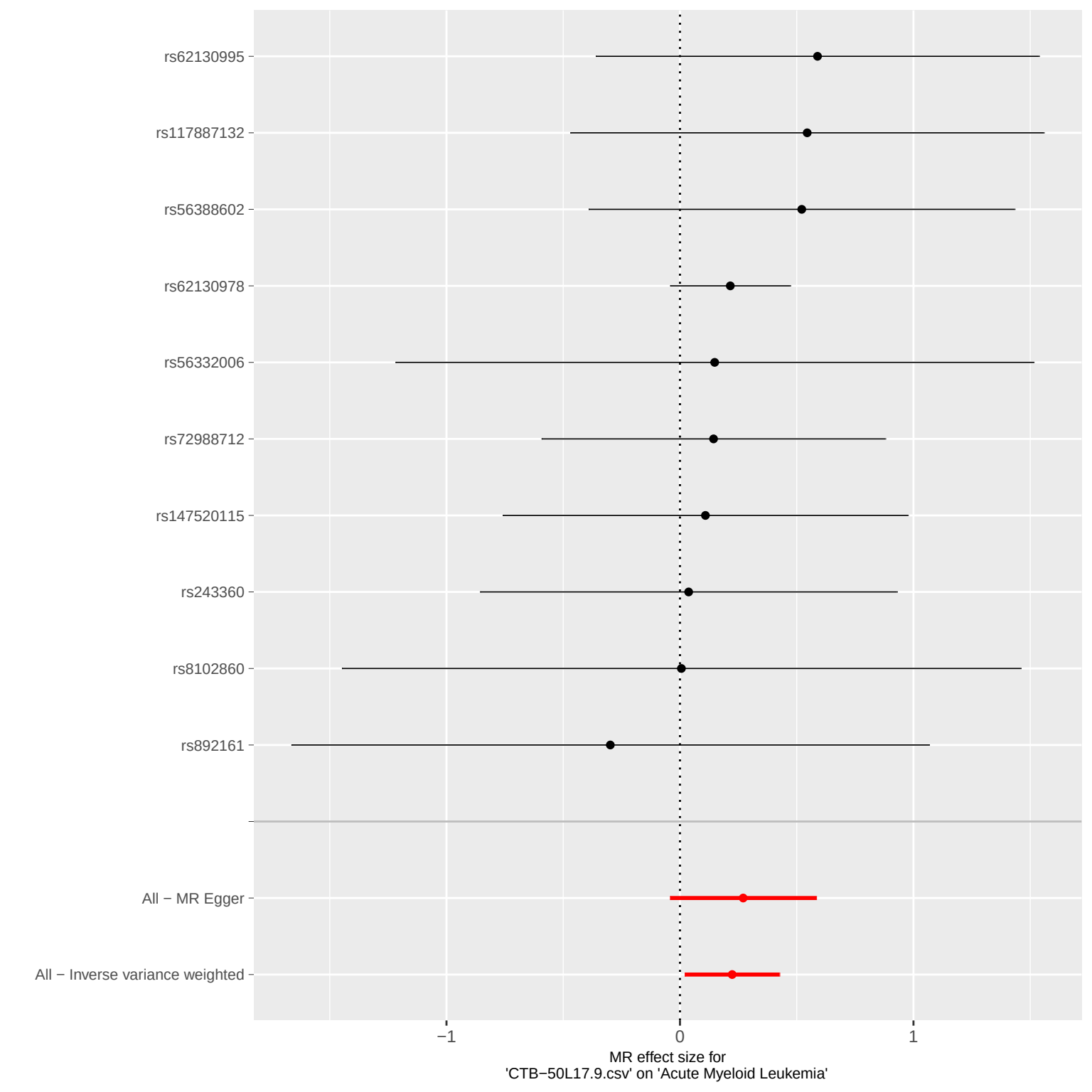
rs5761705
rs17402286
rs12169255
rs117371019
rs684503
rs74933299
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'CTA−445C9.15.csv' on 'Acute Myeloid Leukemia'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rs56388602
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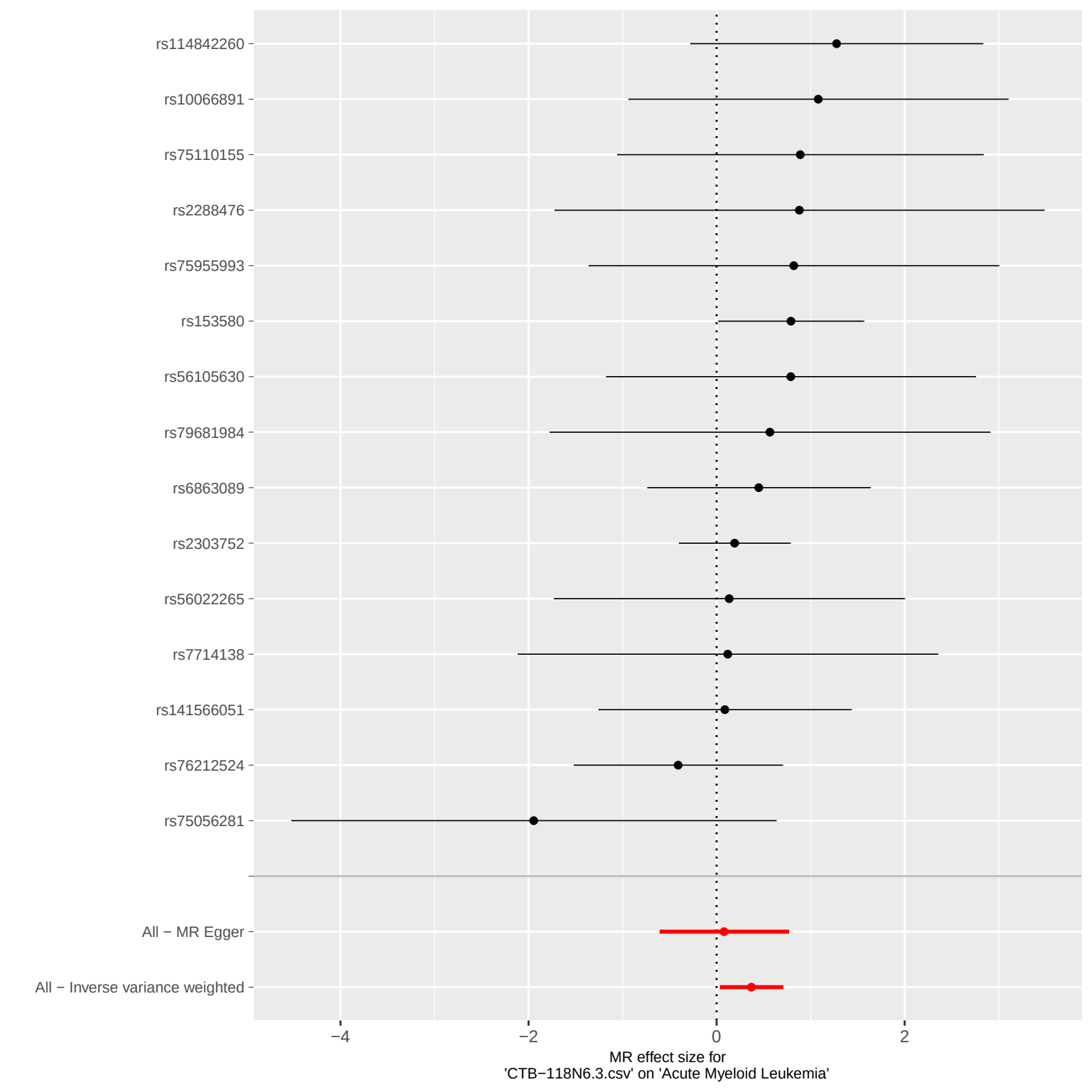
rs56332006
rs72988712
rs147520115
rs243360
rs8102860
rs892161
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'CTB−50L17.9.csv' on 'Acute Myeloid Leukemia'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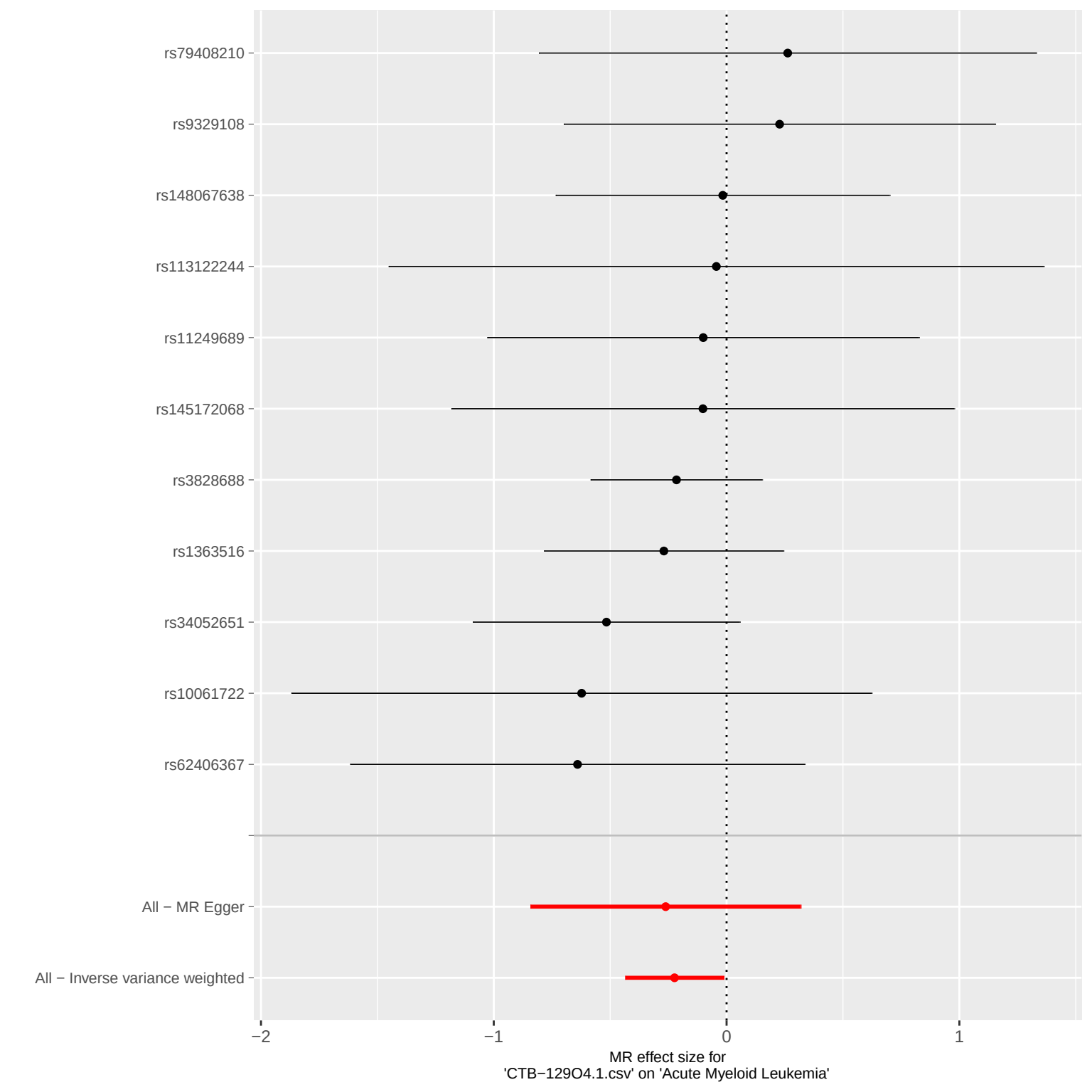
rs153580
rs56105630
rs79681984
rs6863089
rs2303752
rs56022265
rs7714138
rs141566051
rs76212524
rs75056281
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CTB−118N6.3.csv' on 'Acute Myeloid Leukemia'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rs9329108
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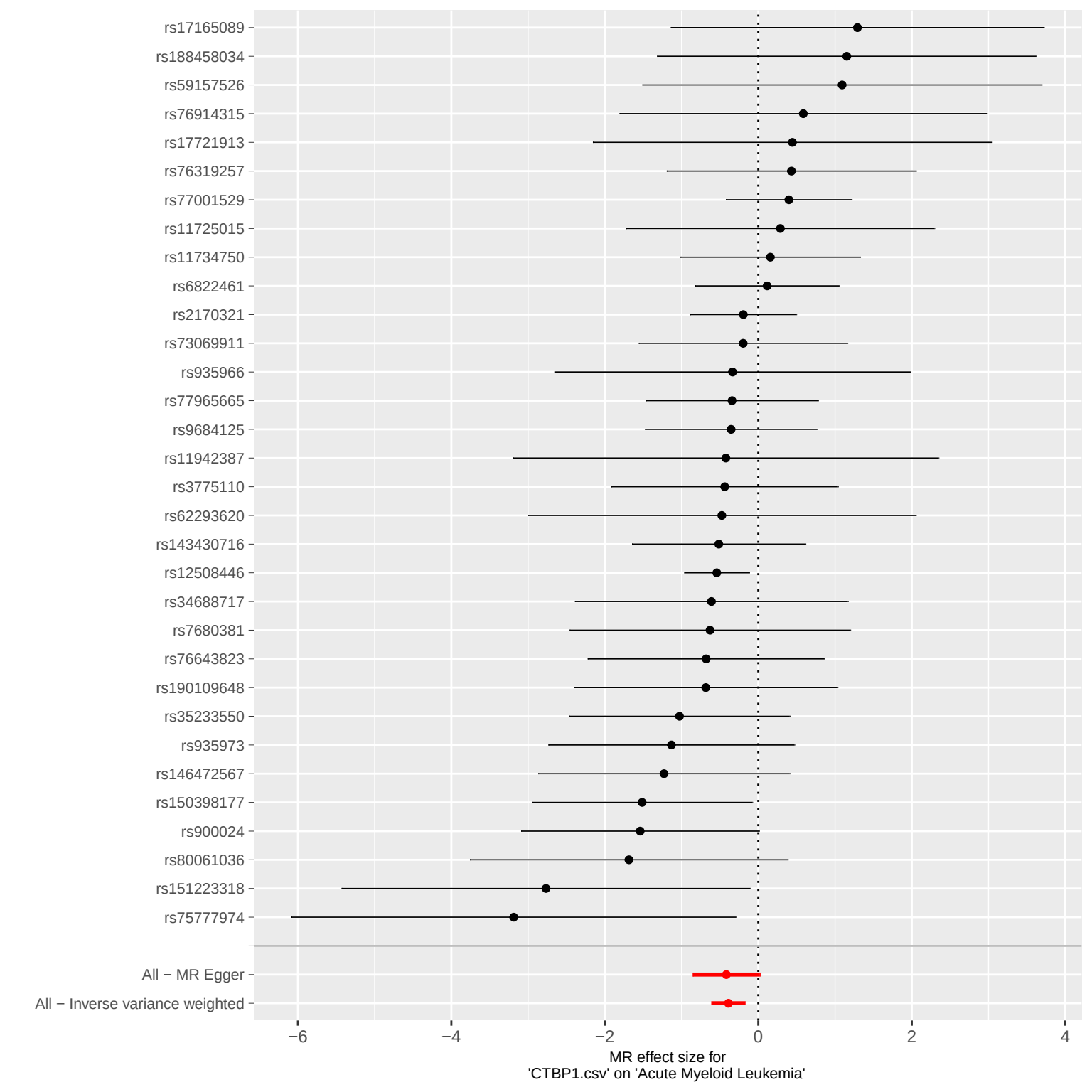
rs11249689
rs145172068
rs3828688
rs1363516
rs34052651
rs10061722
rs62406367
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'CTB−129O4.1.csv' on 'Acute Myeloid Leukemia'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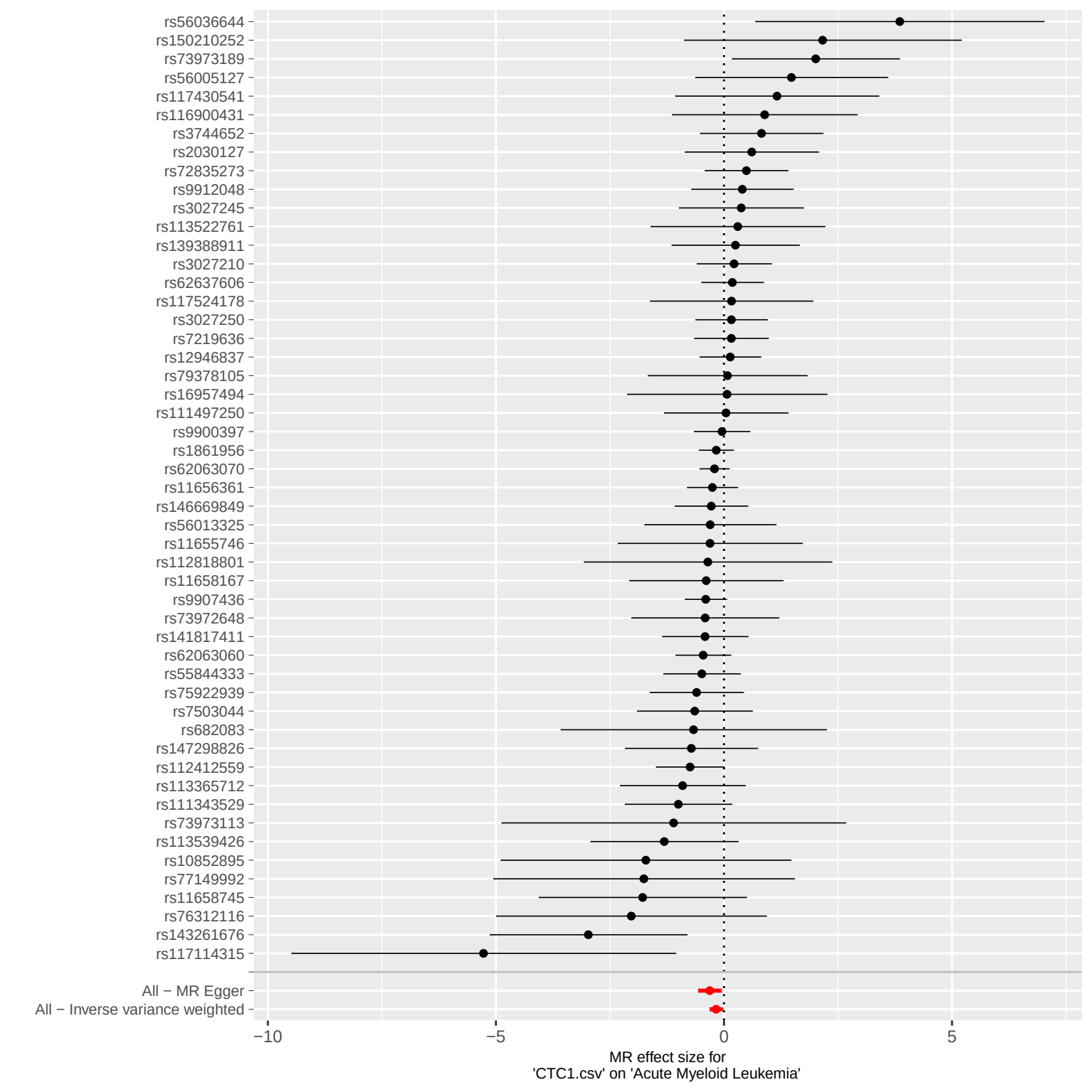
rs190109648
rs35233550
rs935973
rs146472567
rs150398177
rs900024
rs80061036
rs151223318
rs75777974
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'CTBP1.csv' on 'Acute Myeloid Leukemia'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rs112818801
rs11658167
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rs73972648
rs141817411
rs62063060
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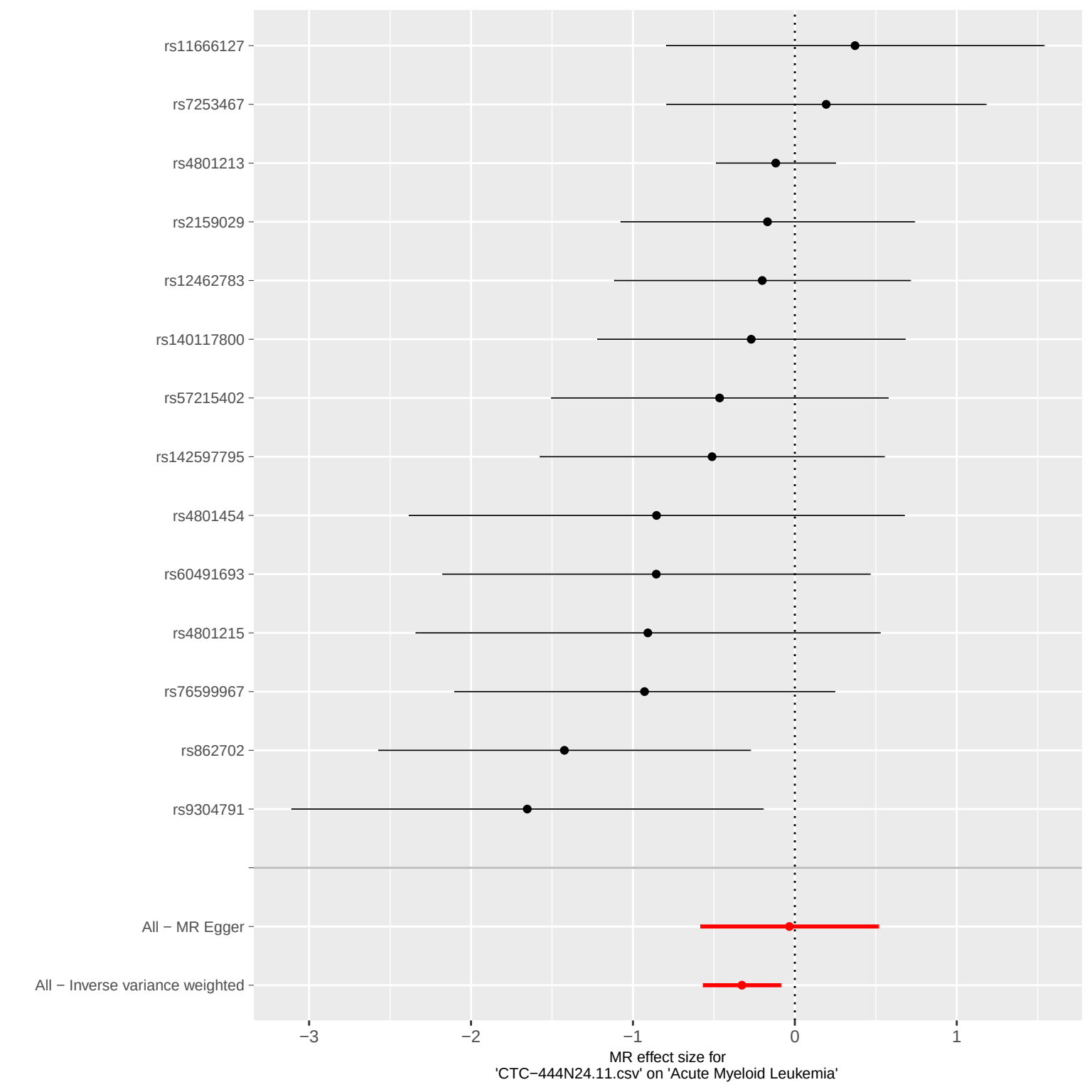
rs682083
rs147298826
rs112412559
rs113365712
rs111343529
rs73973113
rs113539426
rs10852895
rs77149992
rs11658745
rs76312116
rs143261676
rs117114315
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'CTC1.csv' on 'Acute Myeloid Leukemia'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rs862702
rs9304791
All − MR Egger
All − Inverse variance weighted
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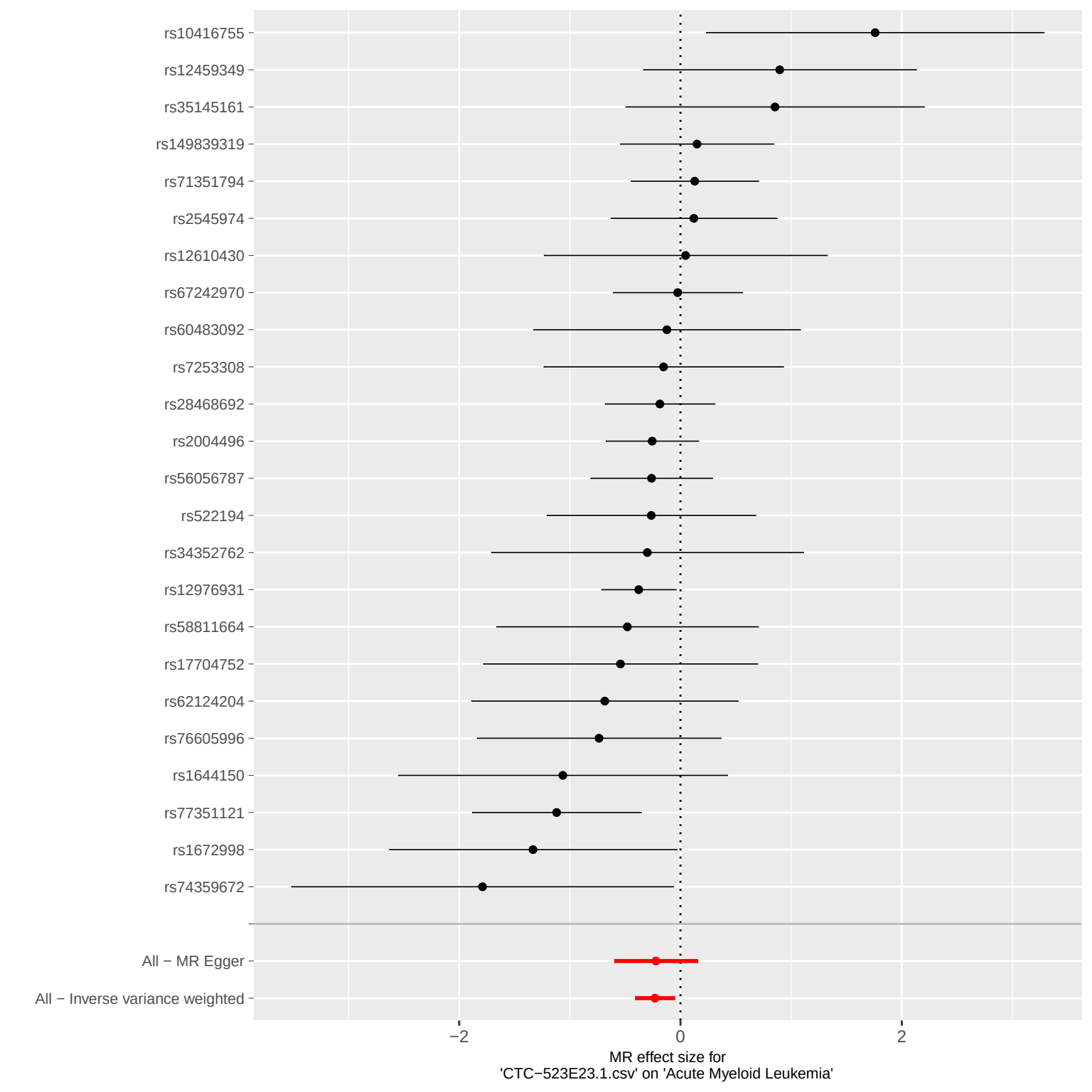
MR effect size for
'CTC−444N24.11.csv' on 'Acute Myeloid Leukemia'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rs12976931
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rs1672998
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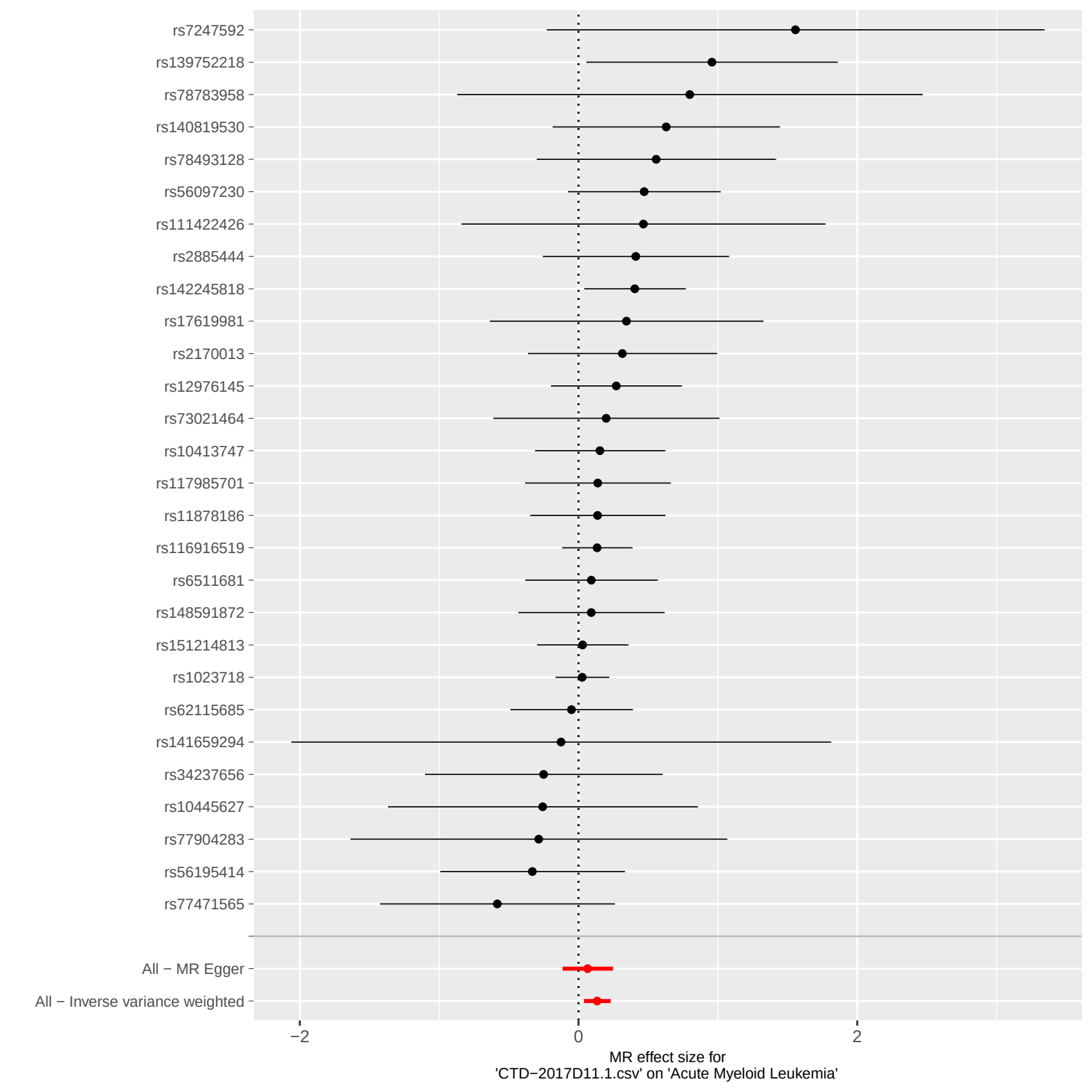
MR effect size for
'CTC−523E23.1.csv' on 'Acute Myeloid Leukemia'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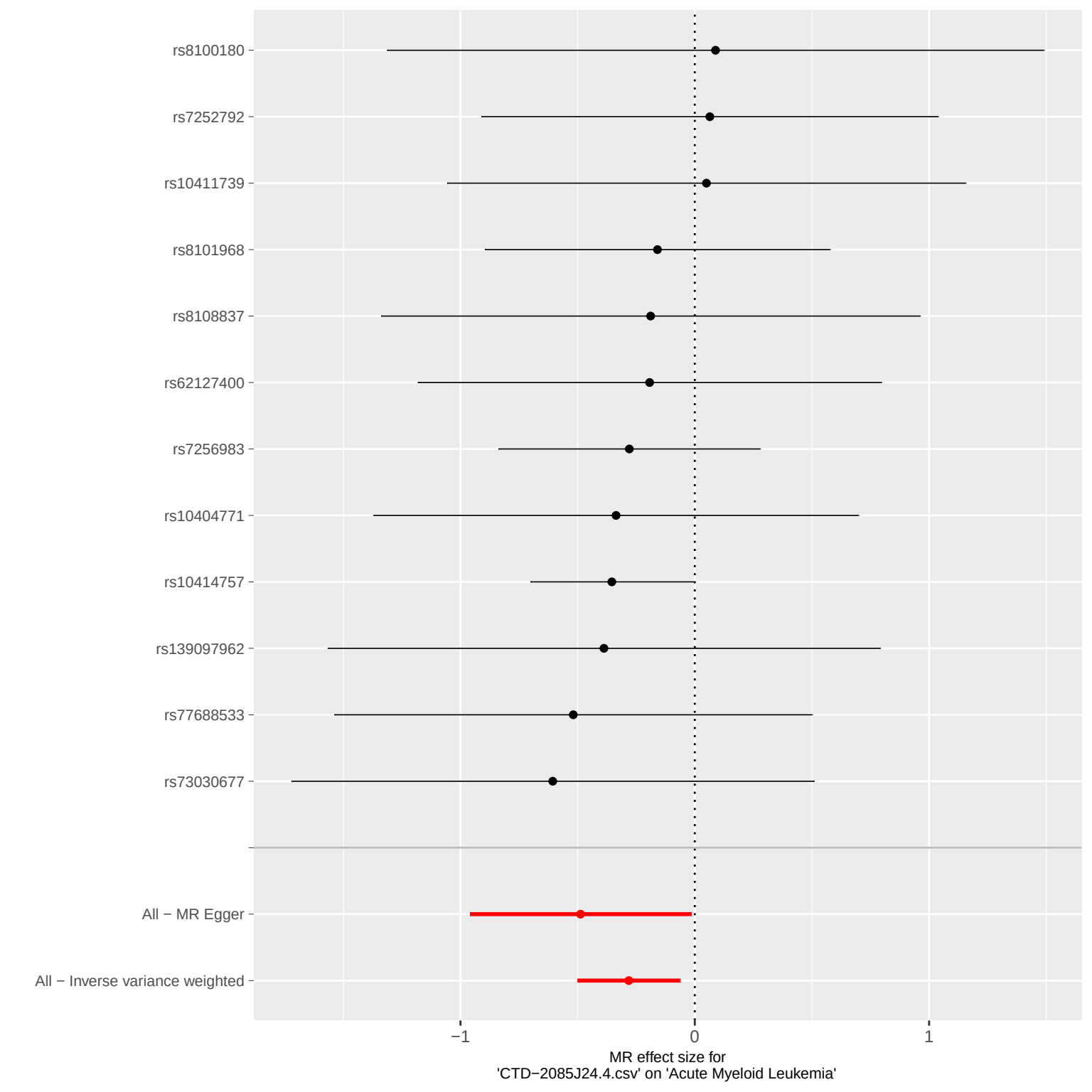
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rs10414757
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rs77688533
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All − MR Egger
All − Inverse variance weighted
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0
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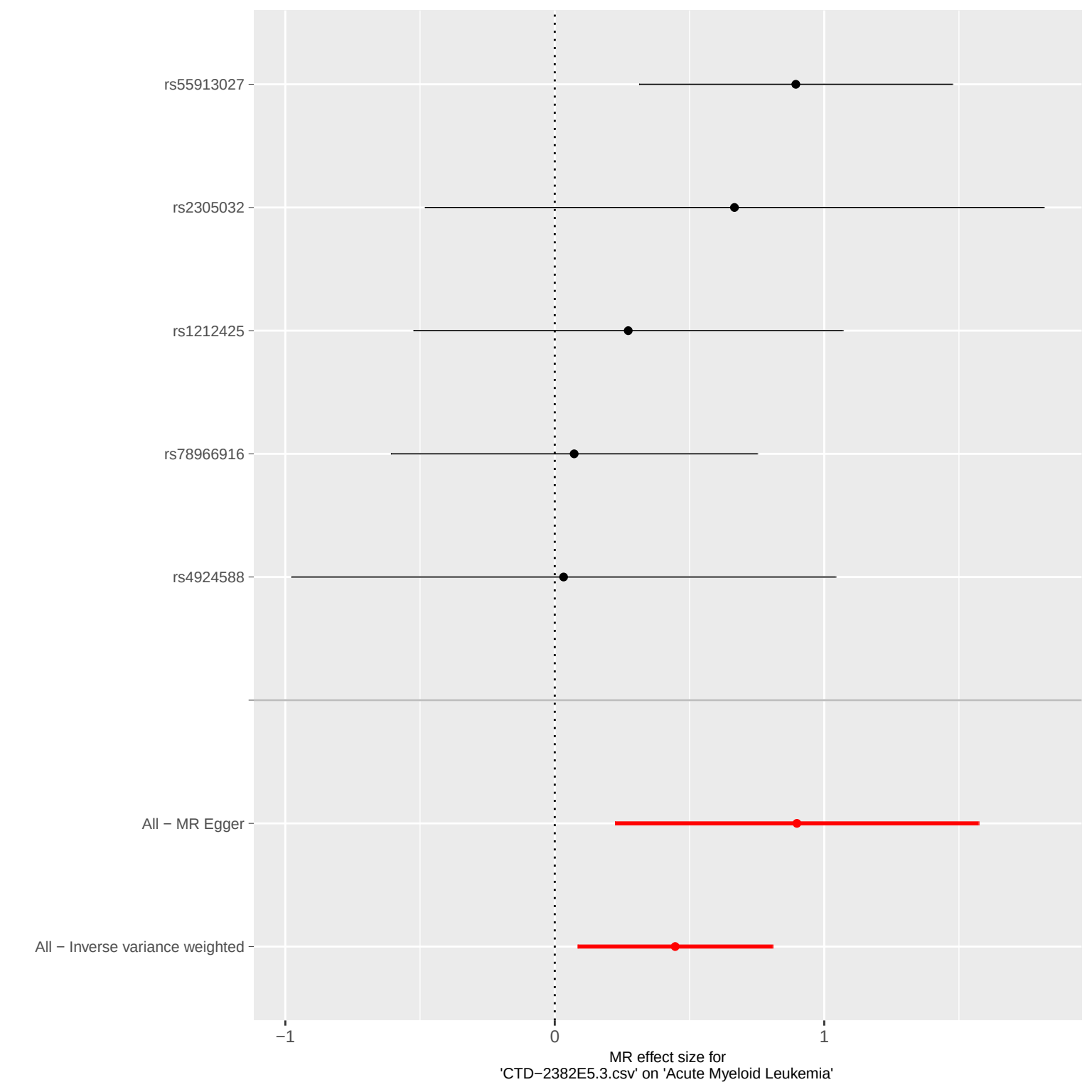
MR effect size for
'CTD−2085J24.4.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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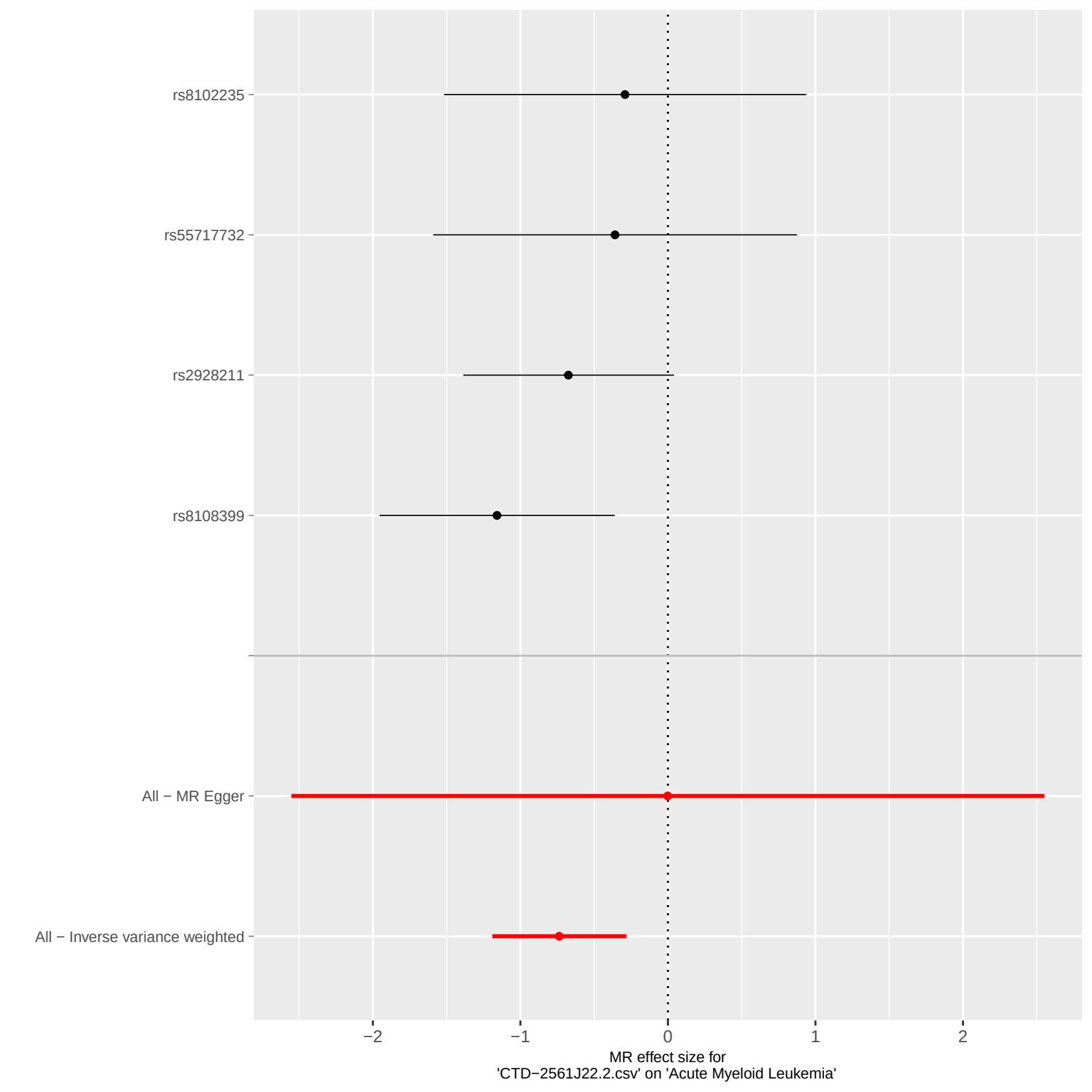
MR effect size for
'CTD−2382E5.3.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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0
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MR effect size for
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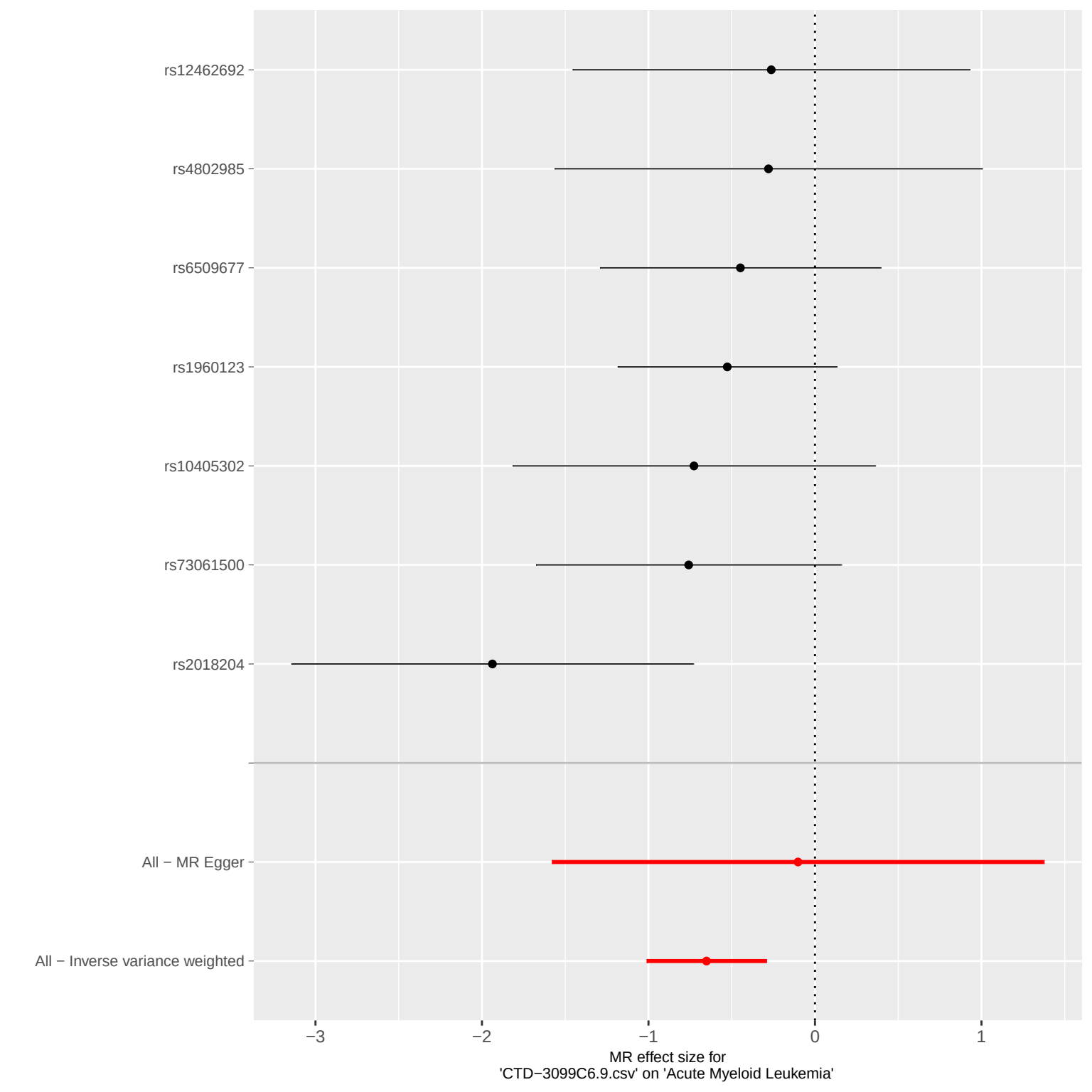
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All − MR Egger
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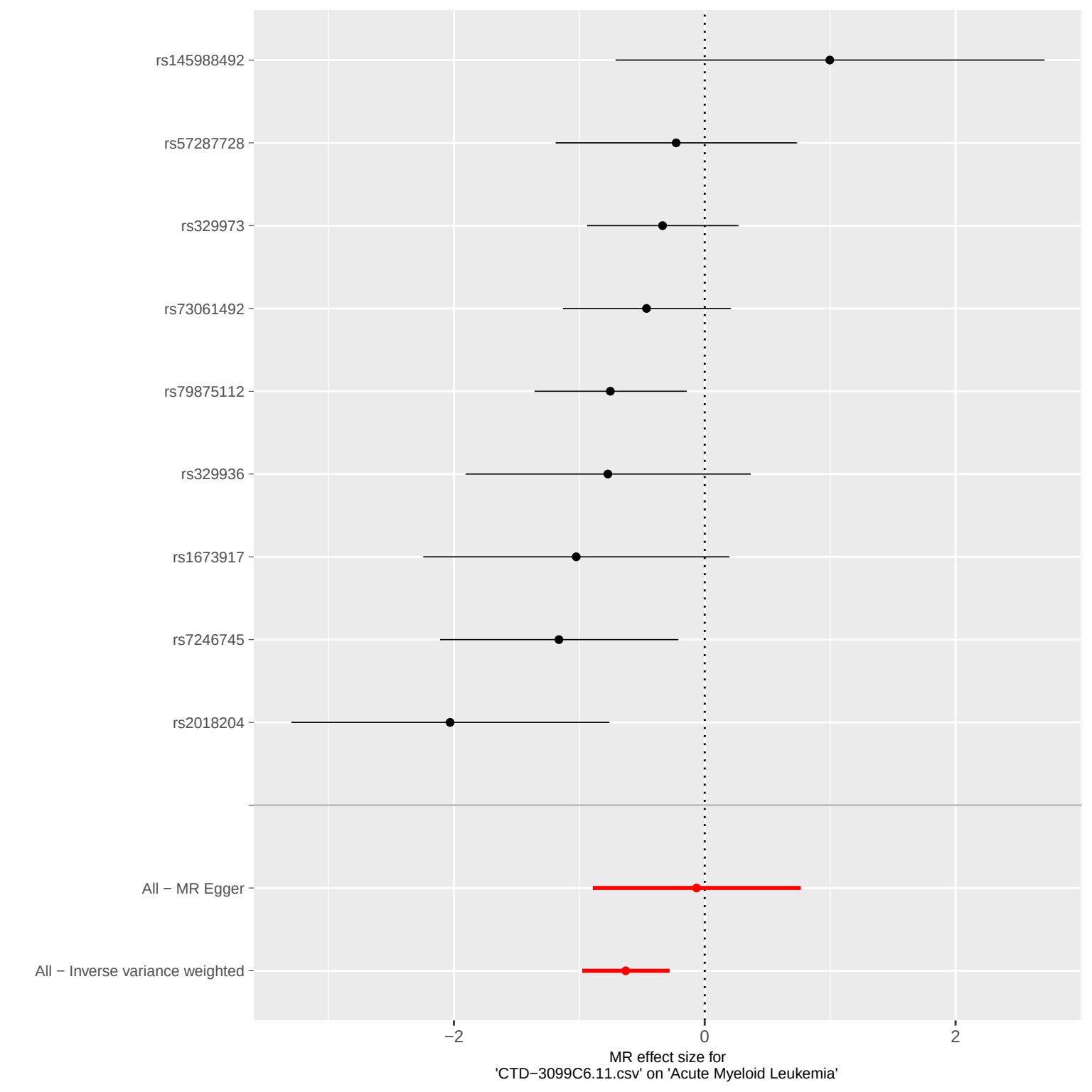
MR effect size for
'CTD−3099C6.9.csv' on 'Acute Myeloid Leukemia'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rs329936
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All − Inverse variance weighted
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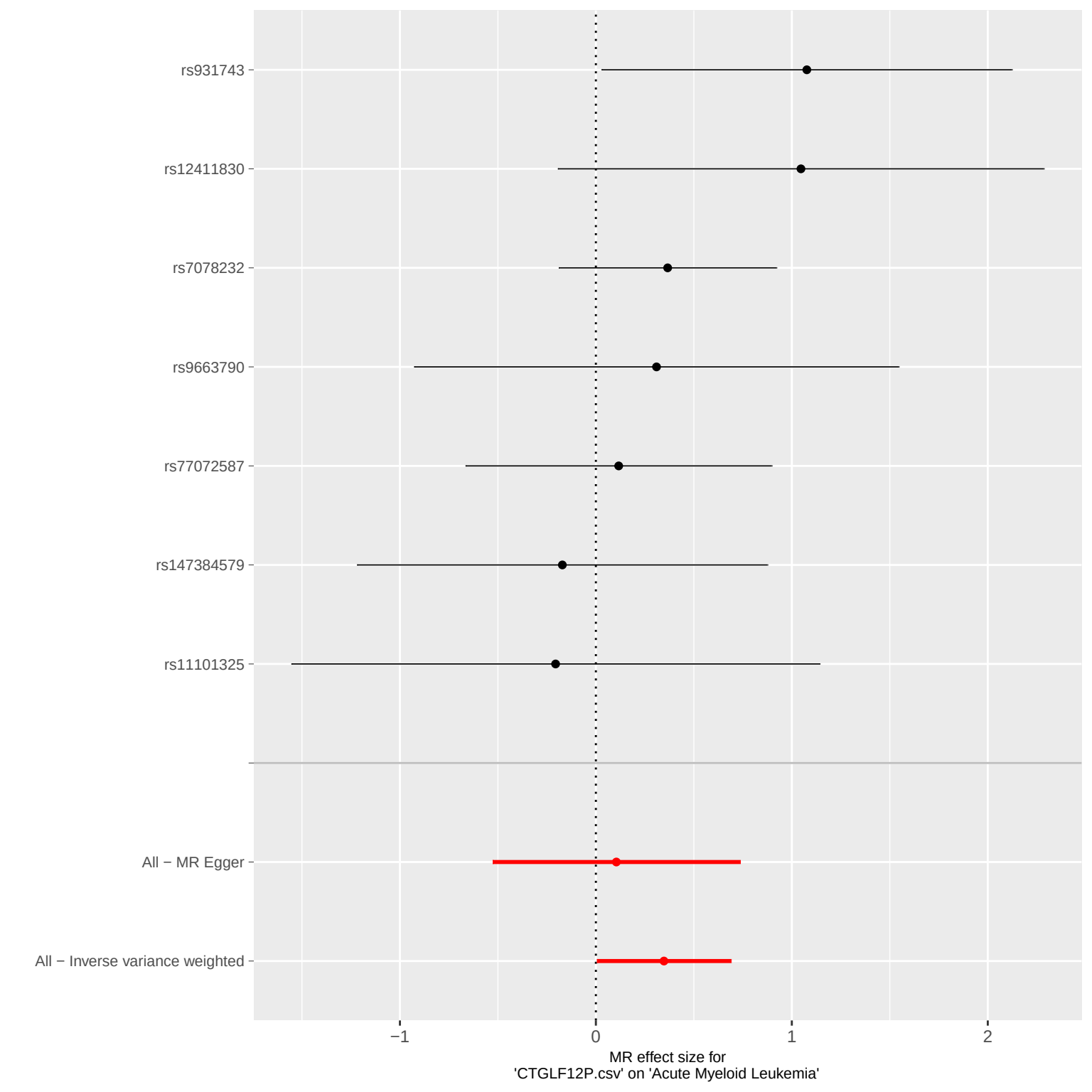
MR effect size for
'CTD−3099C6.11.csv' on 'Acute Myeloid Leukemia'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rs77072587
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All − Inverse variance weighted
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MR effect size for
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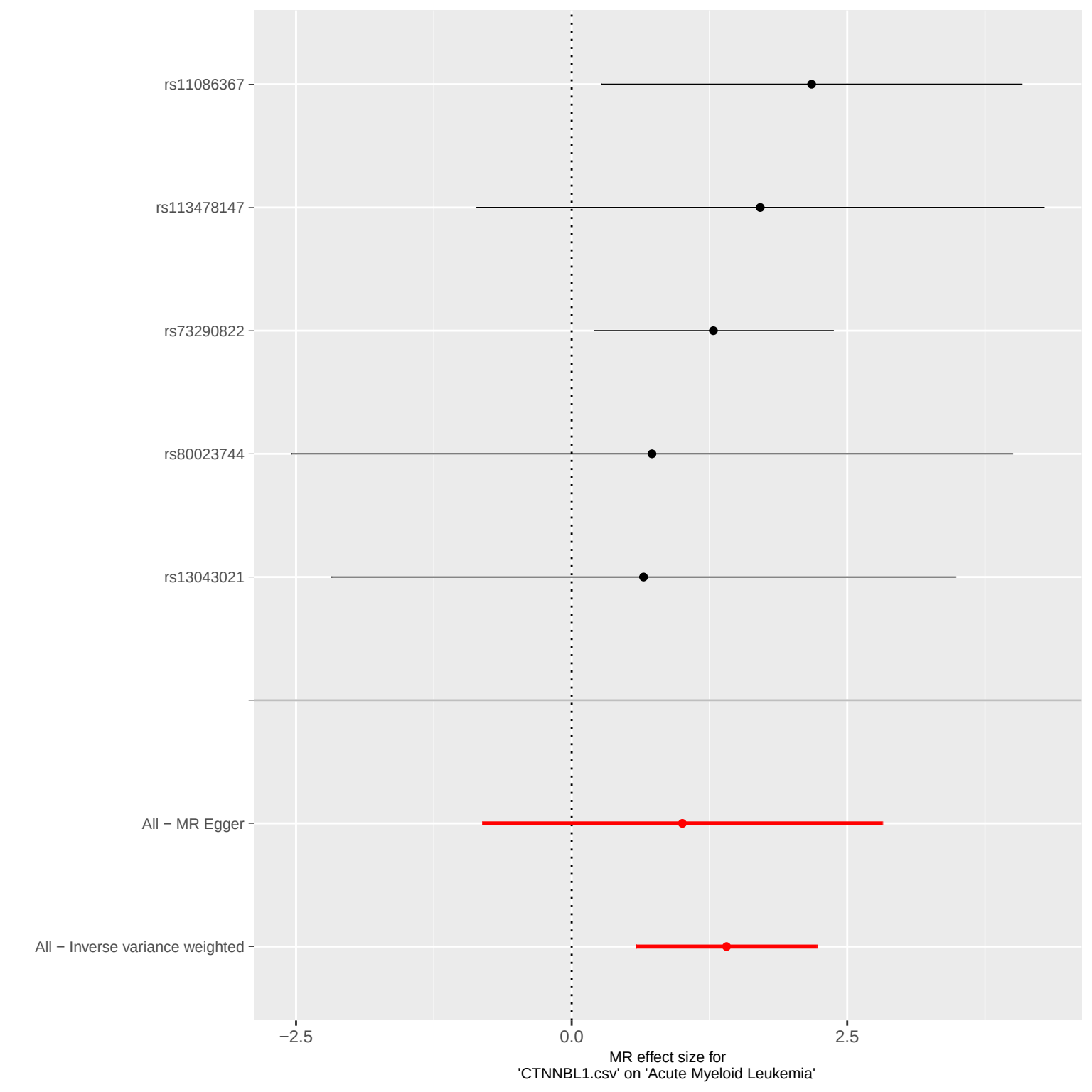
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All − Inverse variance weighted
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MR effect size for
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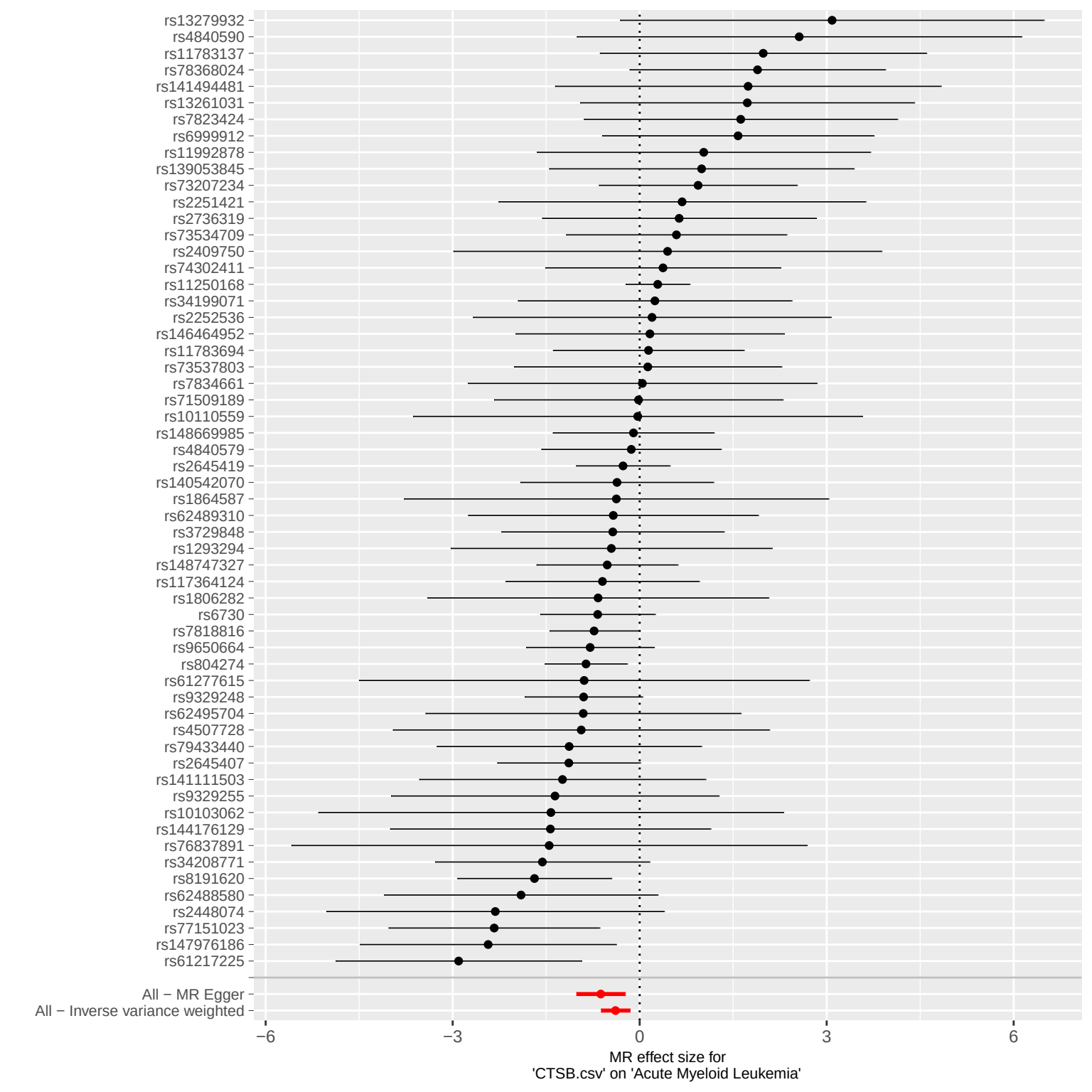
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All − MR Egger
All − Inverse variance weighted
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3
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MR effect size for
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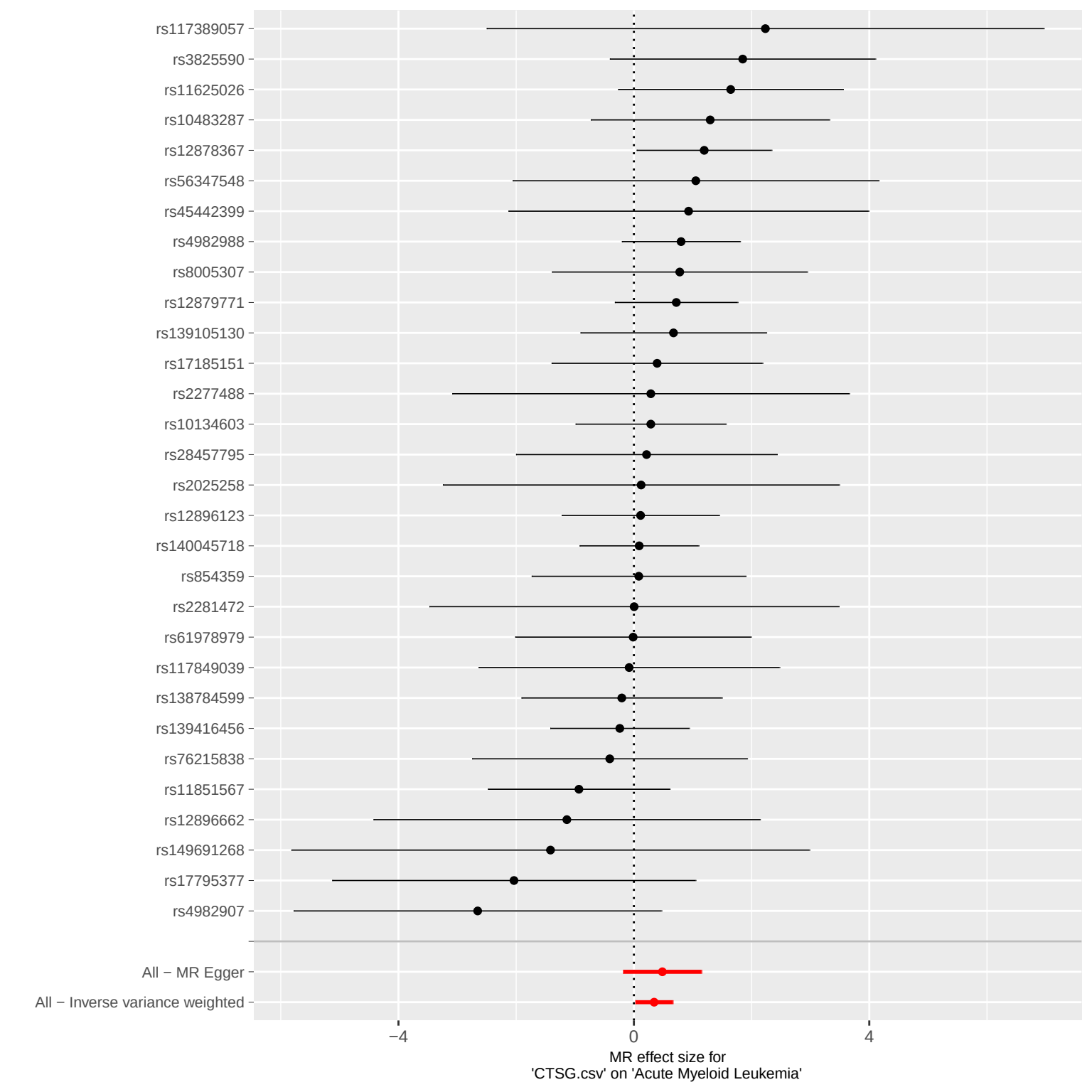
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All − Inverse variance weighted
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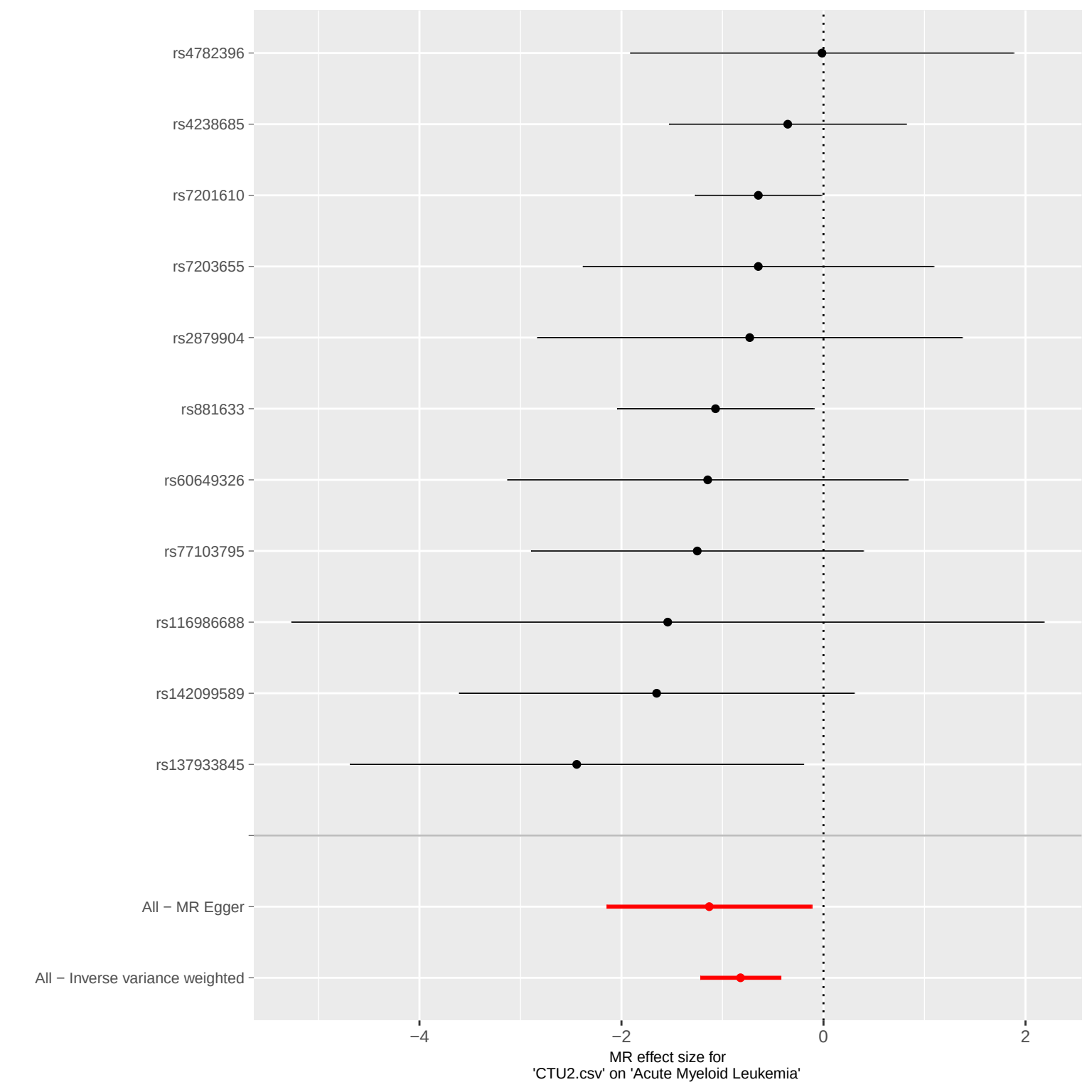
MR effect size for
'CTSG.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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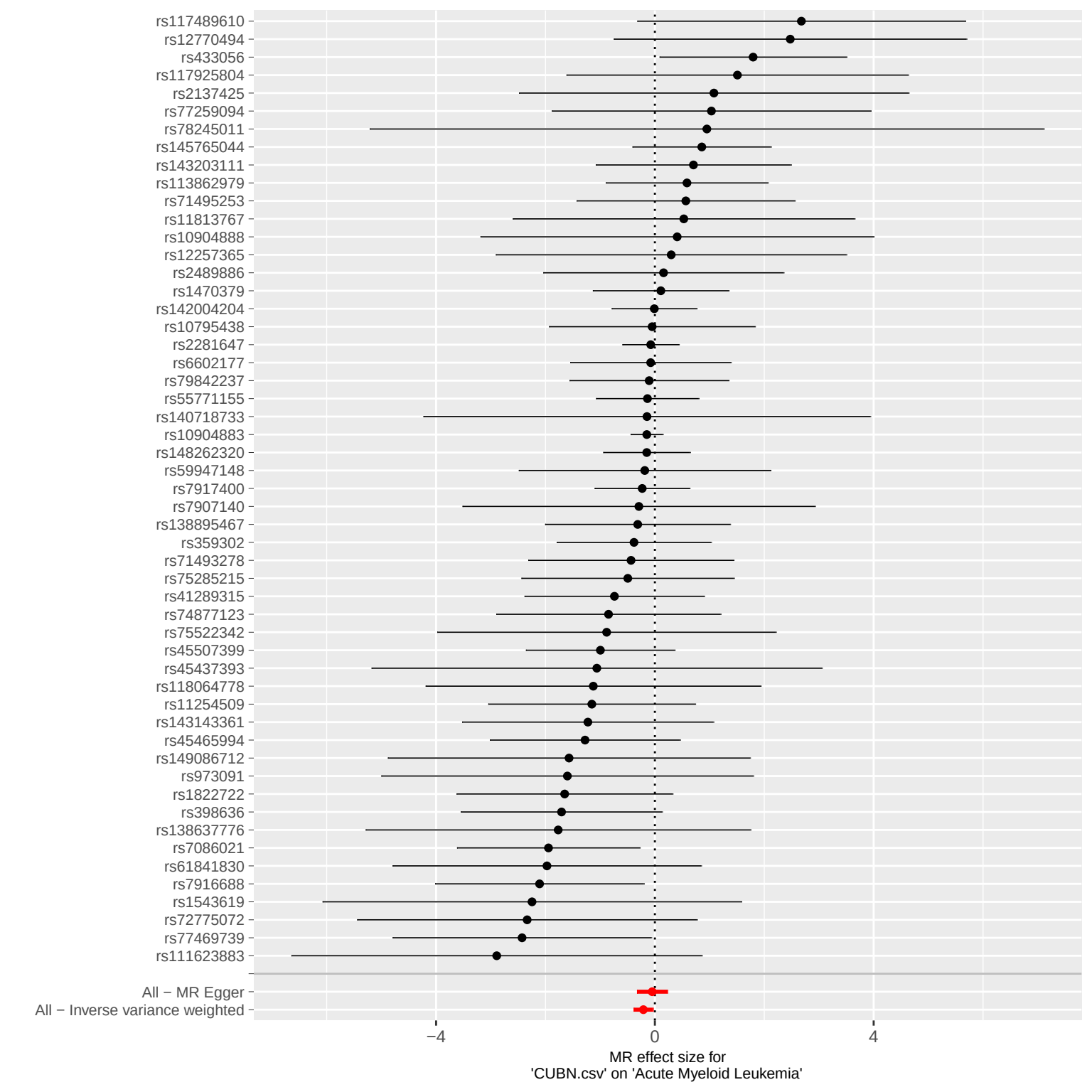
MR effect size for
'CTU2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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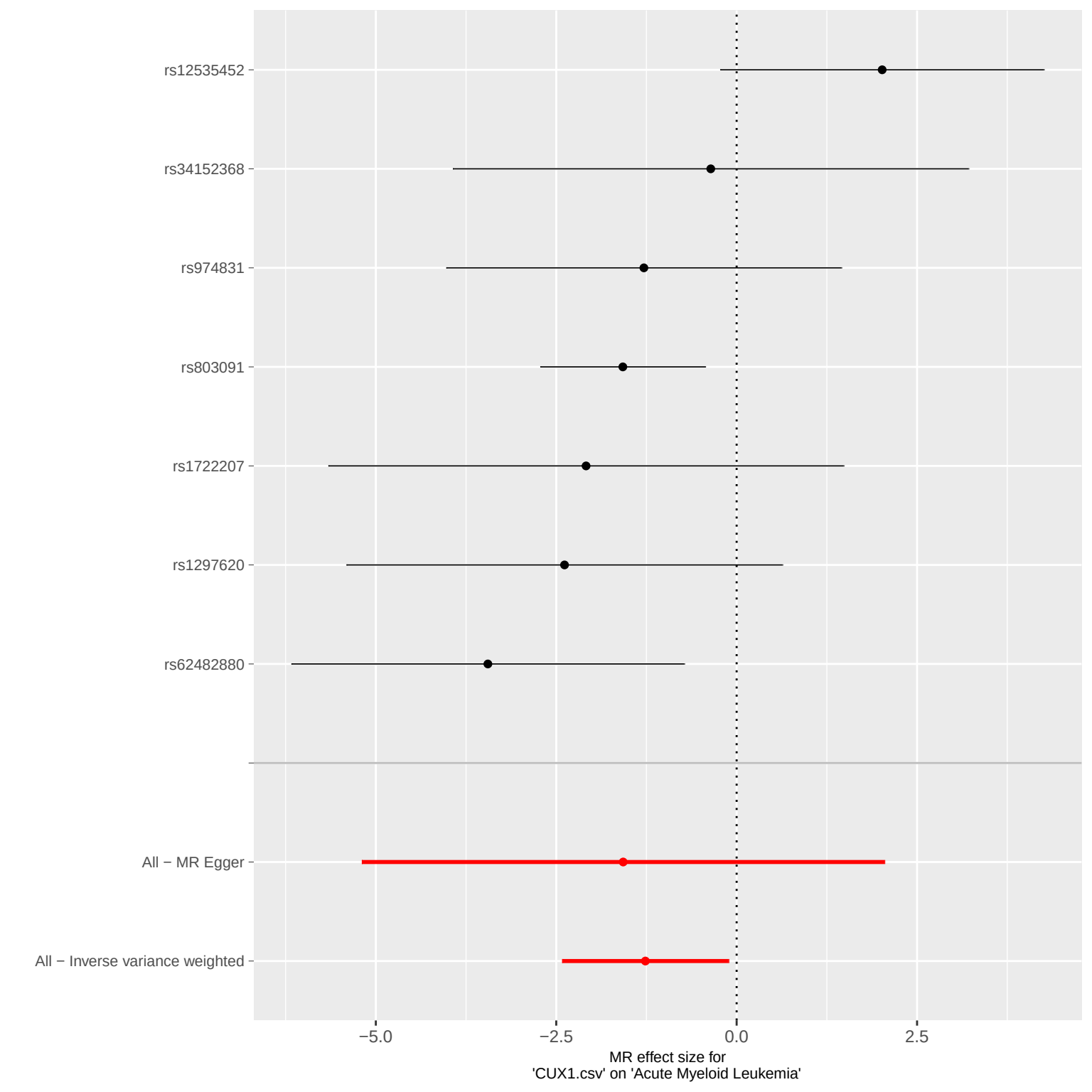
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All − Inverse variance weighted
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0.0
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MR effect size for
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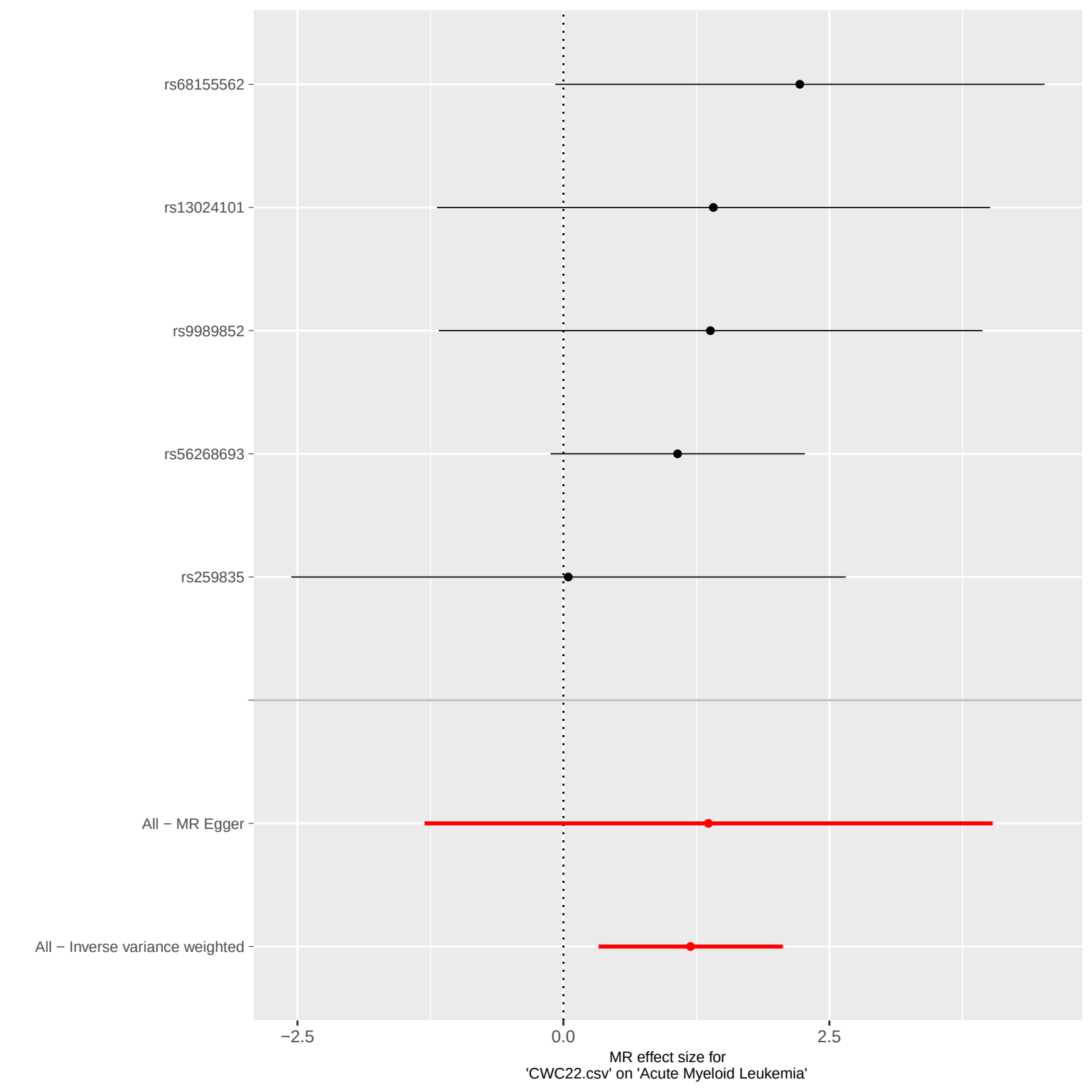
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All − MR Egger
All − Inverse variance weighted
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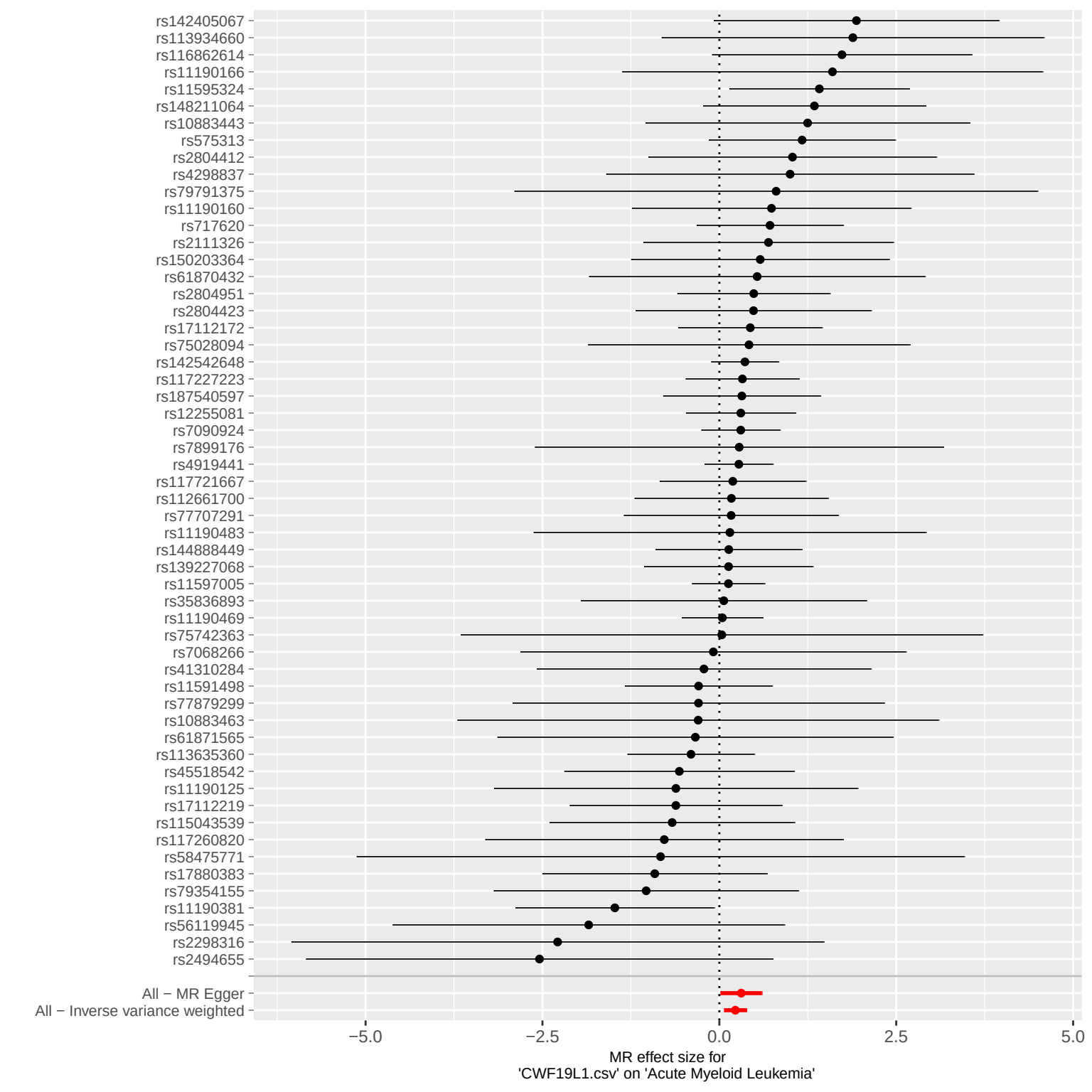
MR effect size for
'CWC22.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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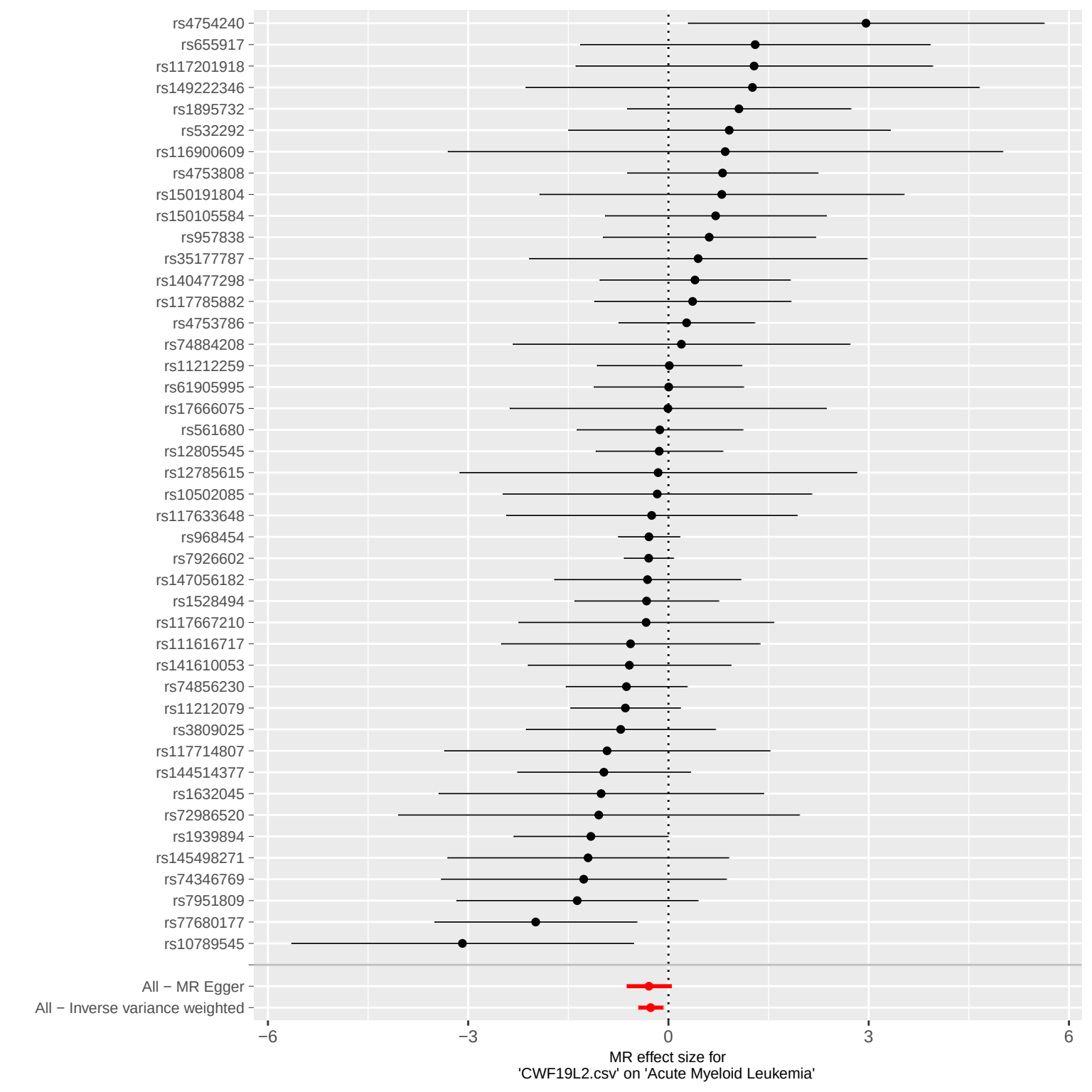
'CWF19L1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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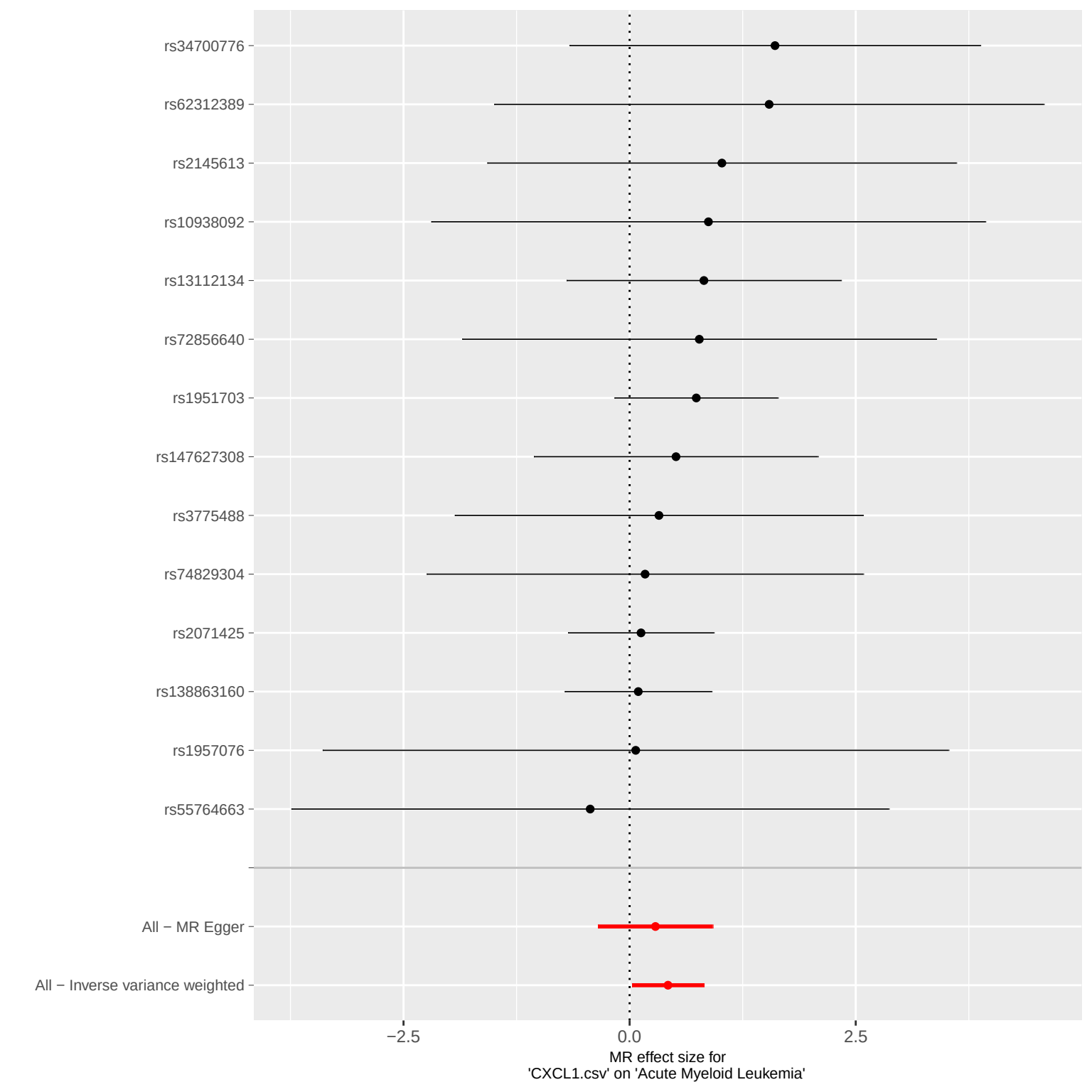
MR effect size for
'CWF19L2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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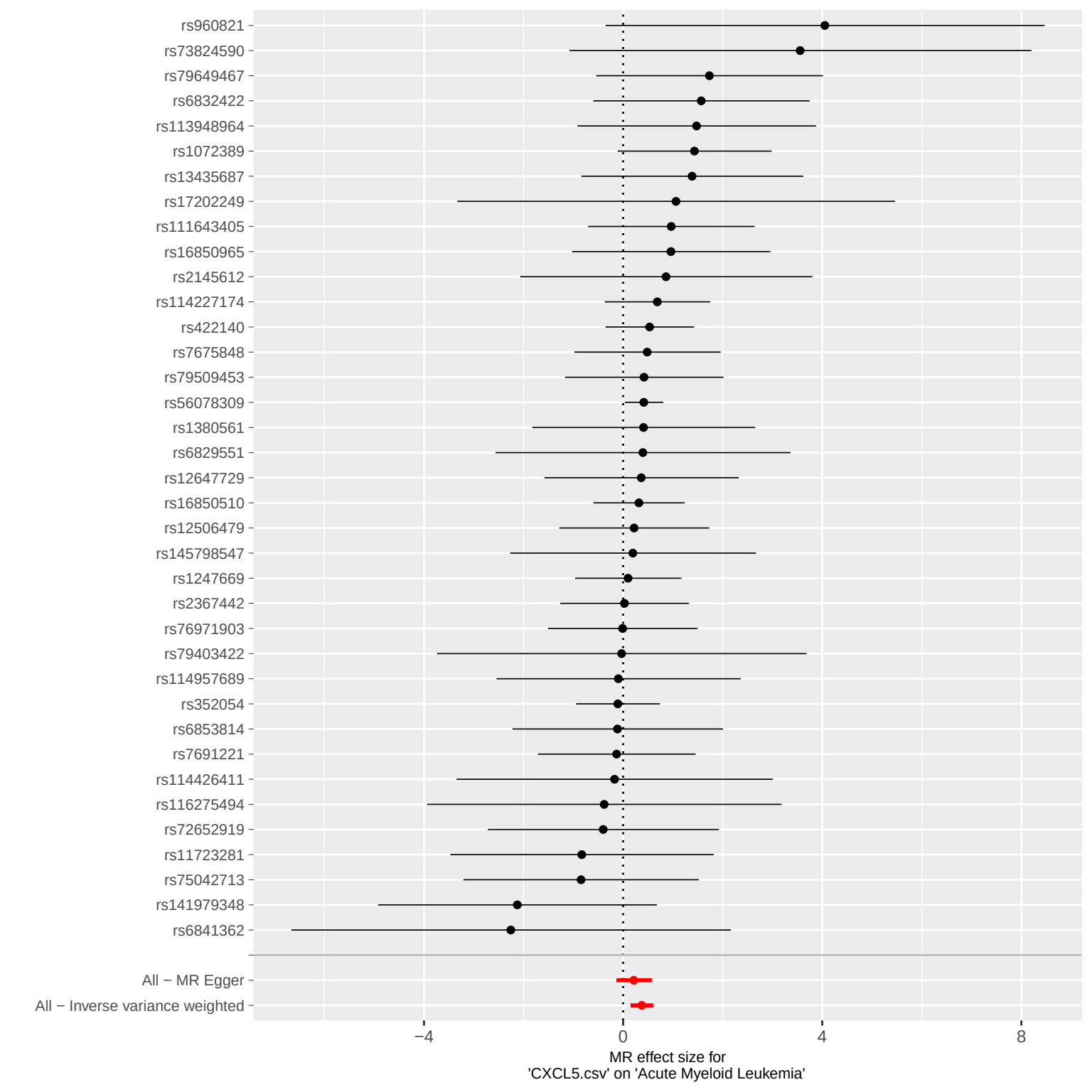
2.5
MR effect size for
'CXCL1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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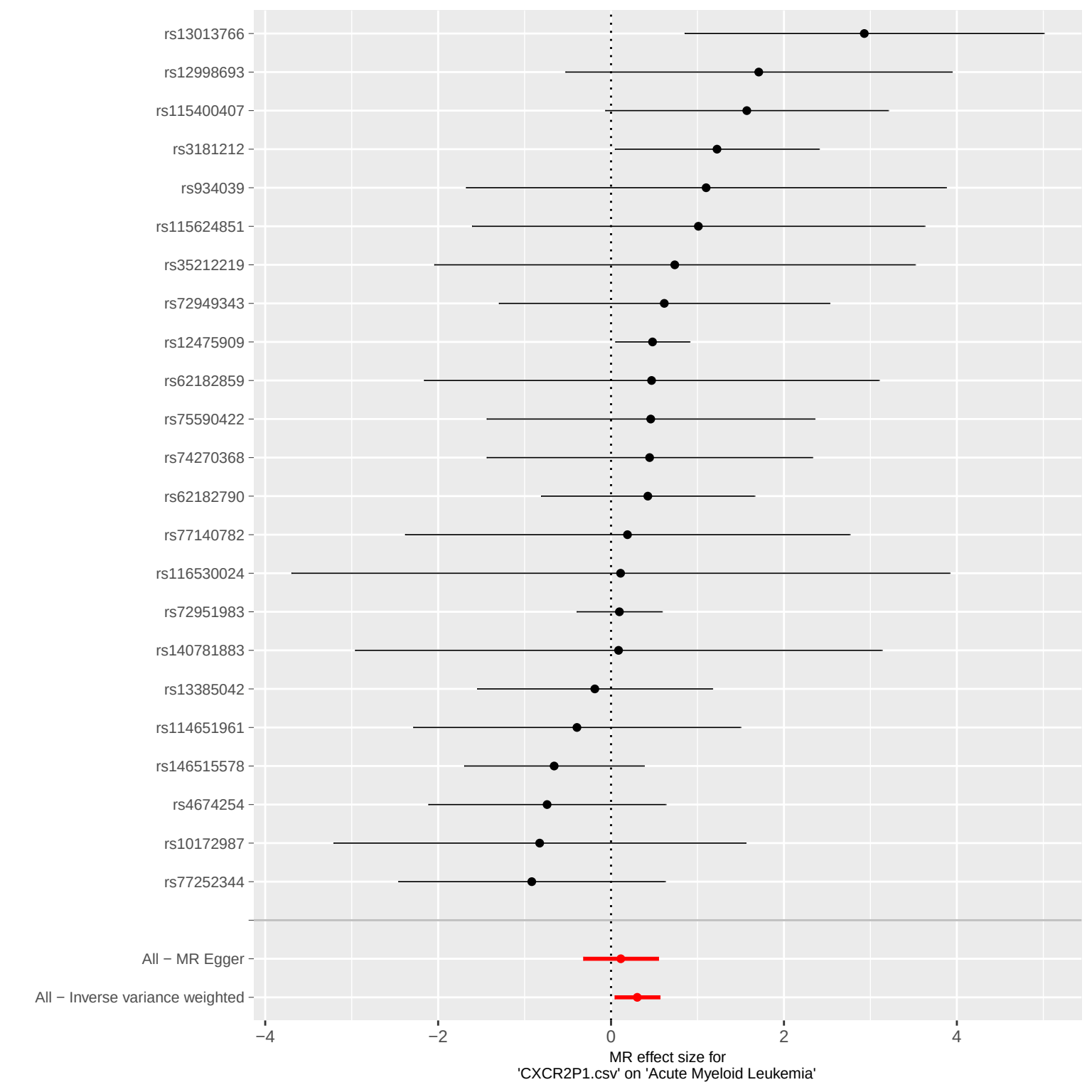
MR effect size for
'CXCL5.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
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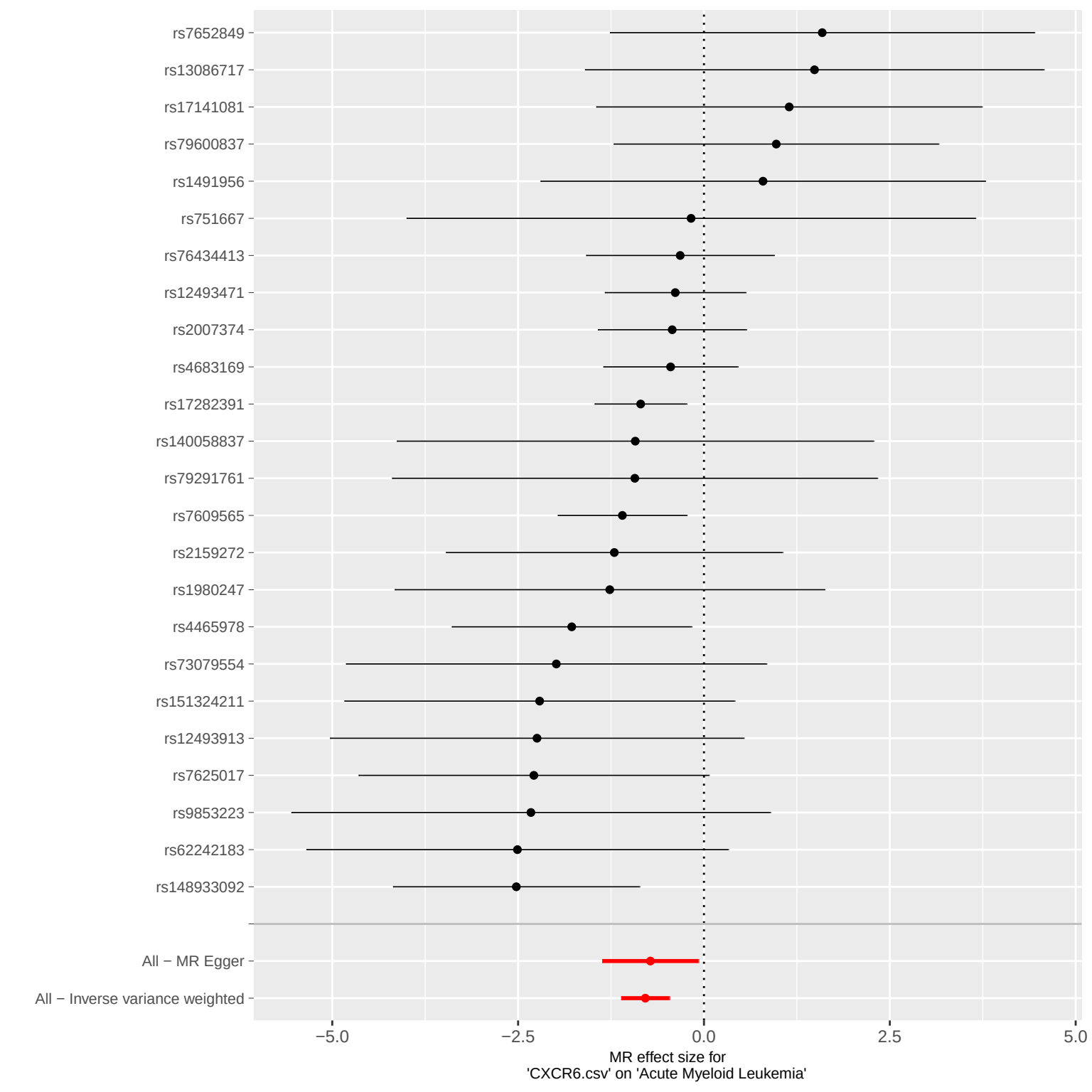
MR effect size for
'CXCR2P1.csv' on 'Acute Myeloid Leukemia'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rs1980247
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rs73079554
rs151324211
rs12493913
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All − MR Egger
All − Inverse variance weighted
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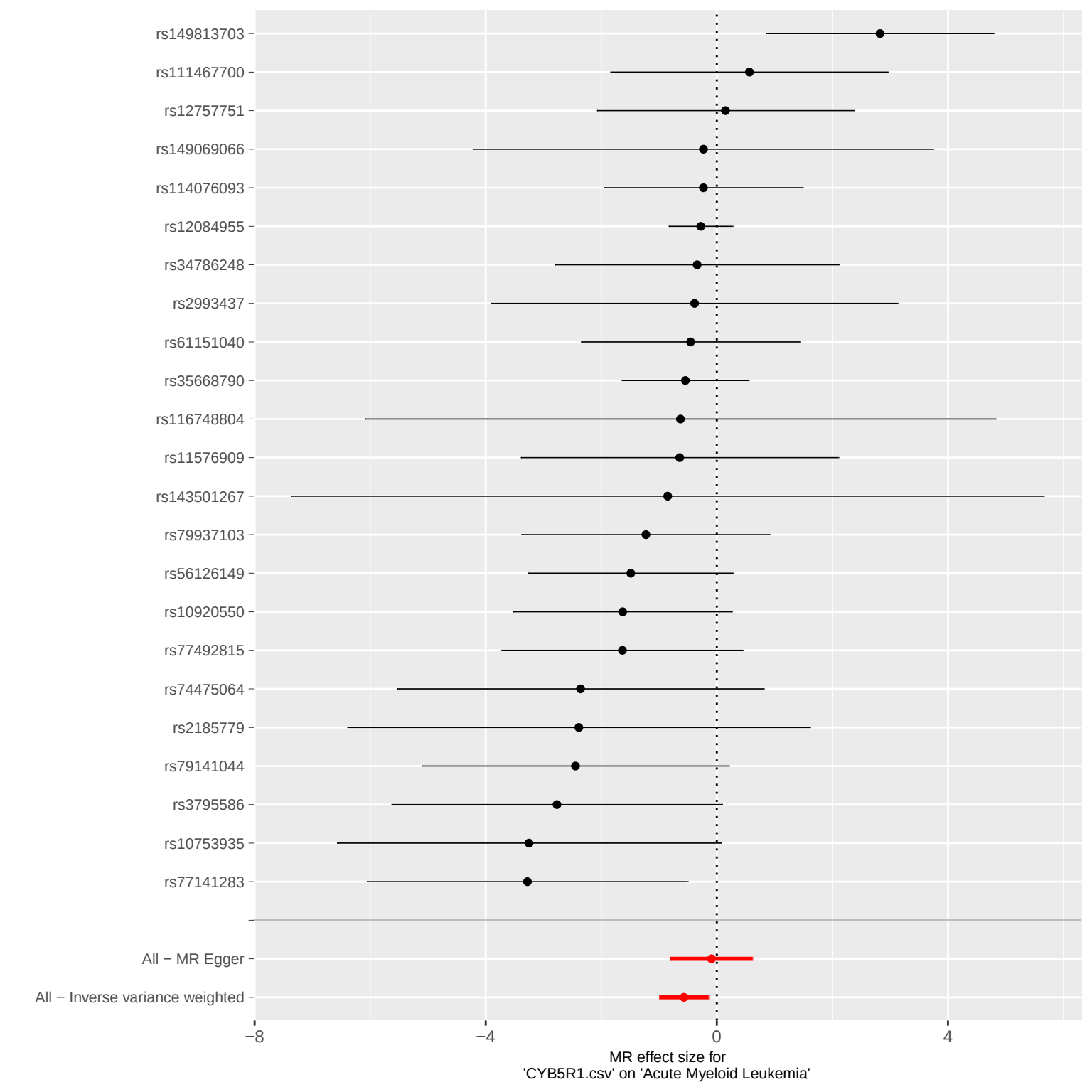
0.0
2.5
5.0
MR effect size for
'CXCR6.csv' on 'Acute Myeloid Leukemia'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rs74475064
rs2185779
rs79141044
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rs10753935
rs77141283
All − MR Egger
All − Inverse variance weighted
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−4
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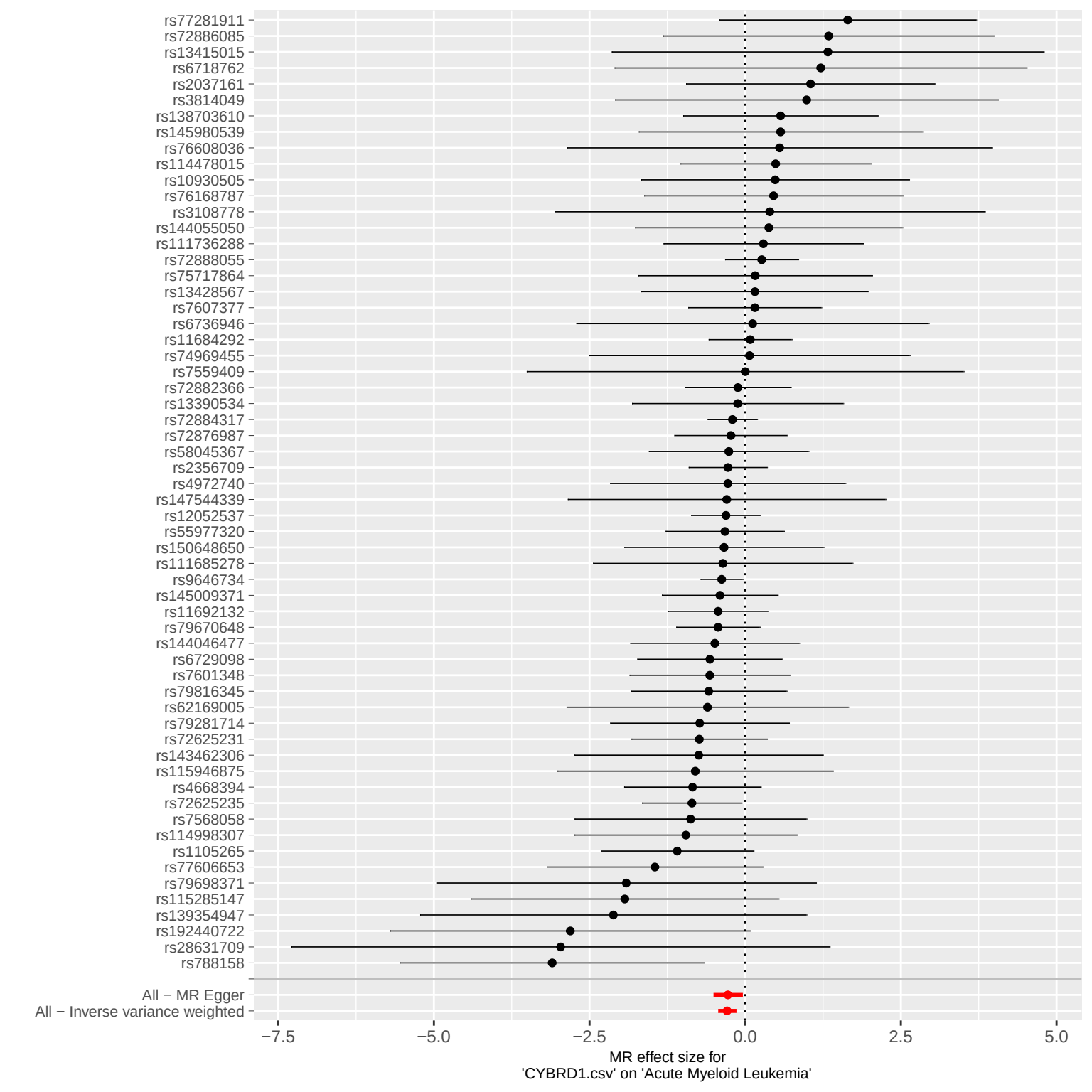
4
MR effect size for
'CYB5R1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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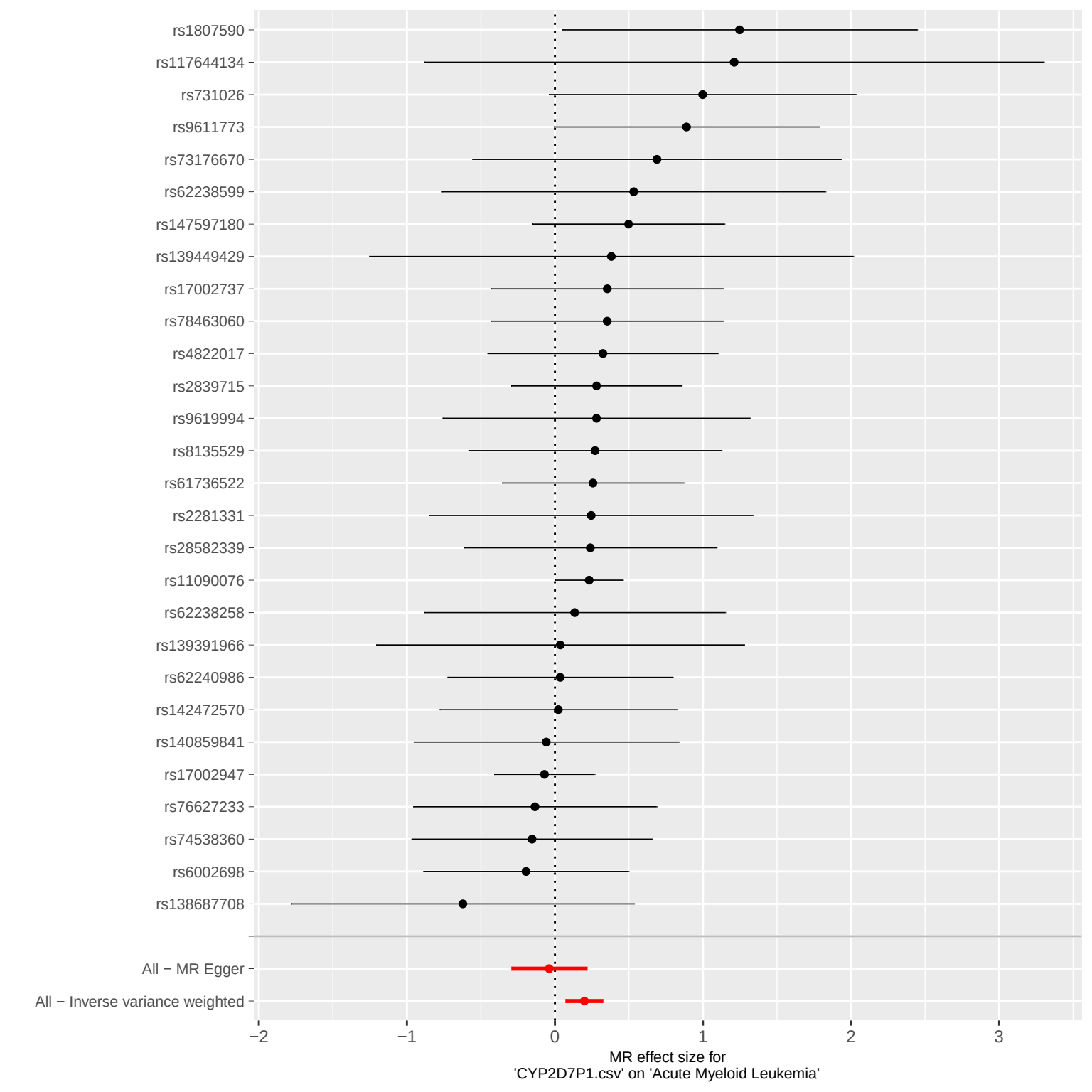
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All − MR Egger
All − Inverse variance weighted
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2
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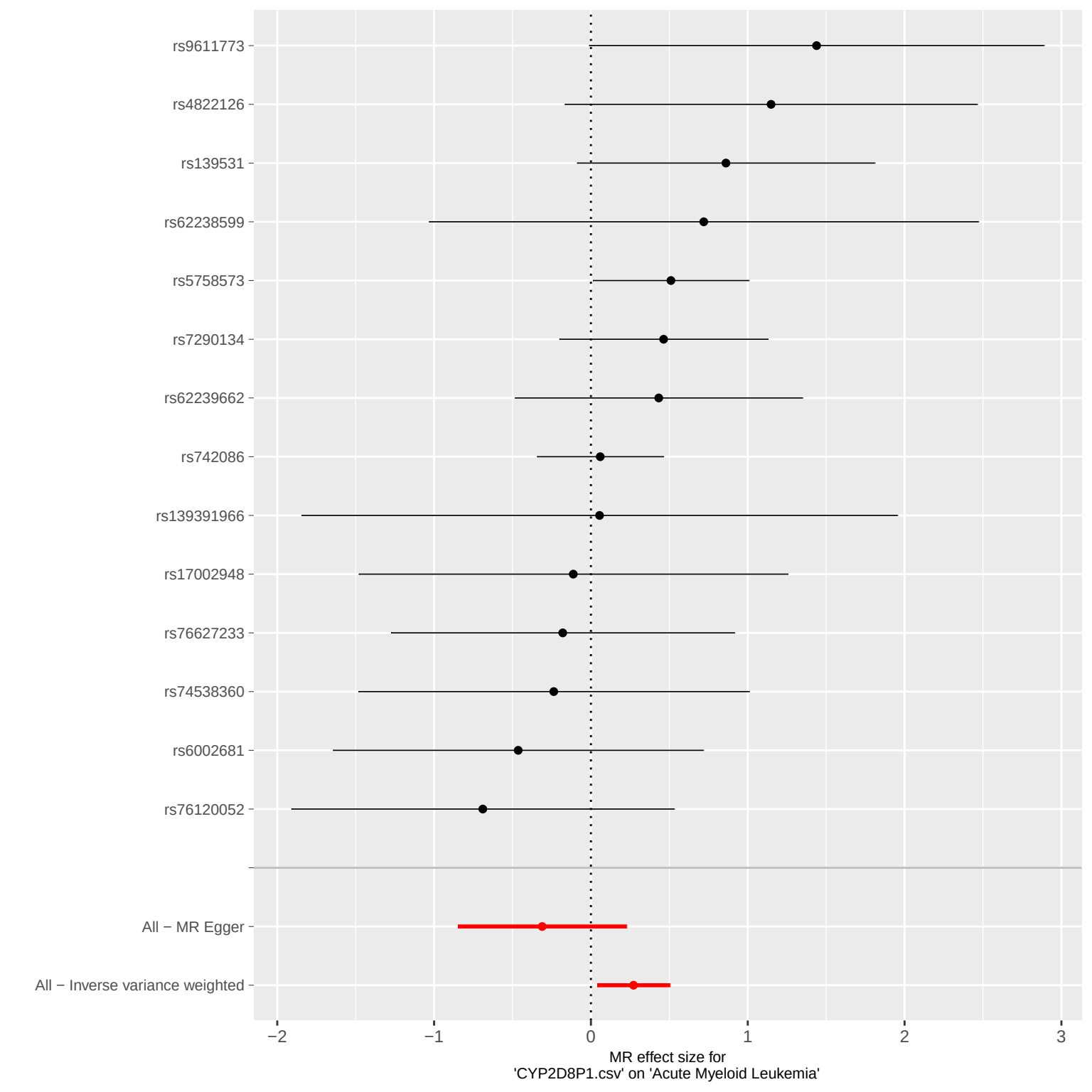
MR effect size for
'CYP2D7P1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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1
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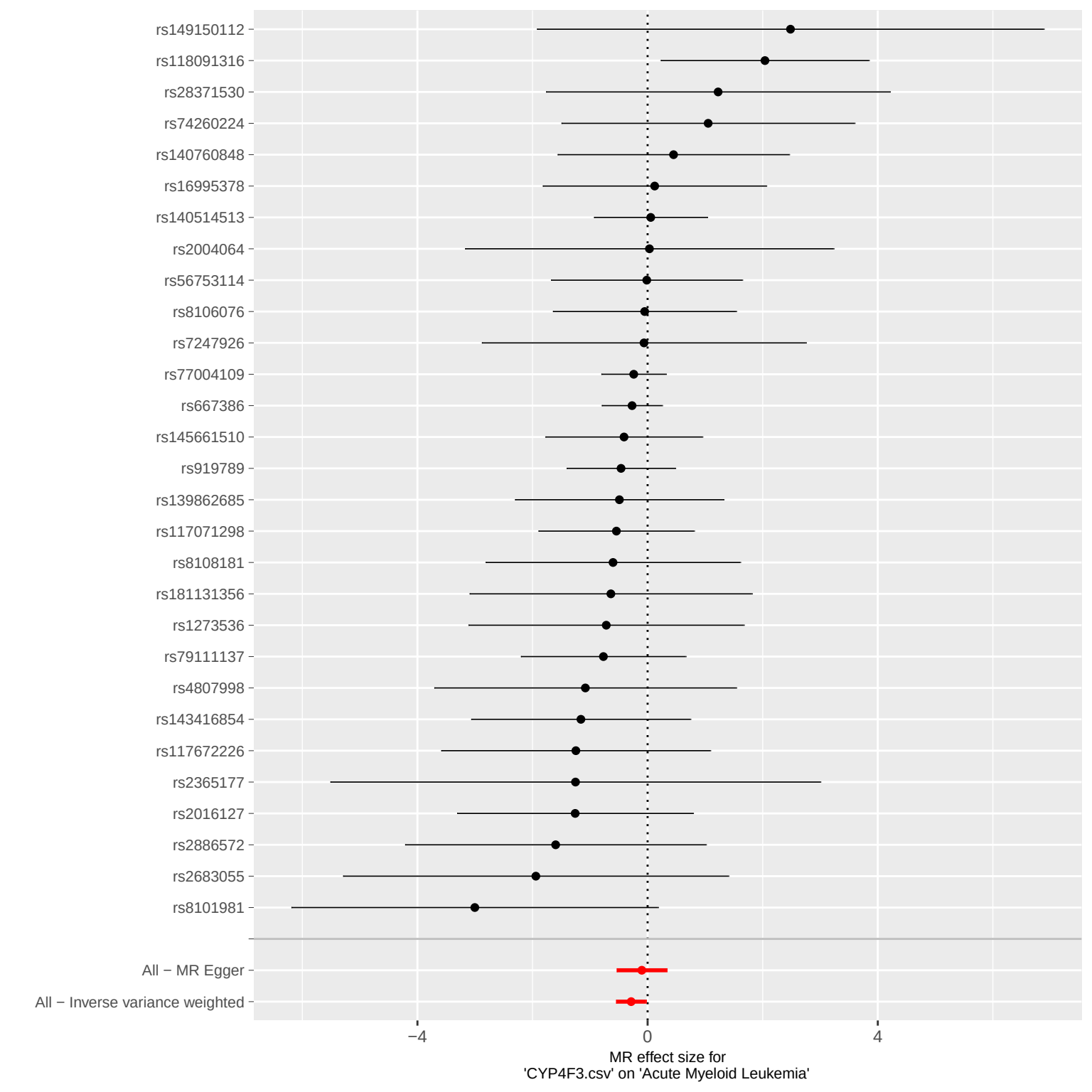
MR effect size for
'CYP2D8P1.csv' on 'Acute Myeloid Leukemia'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rs2886572
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All − Inverse variance weighted
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MR effect size for
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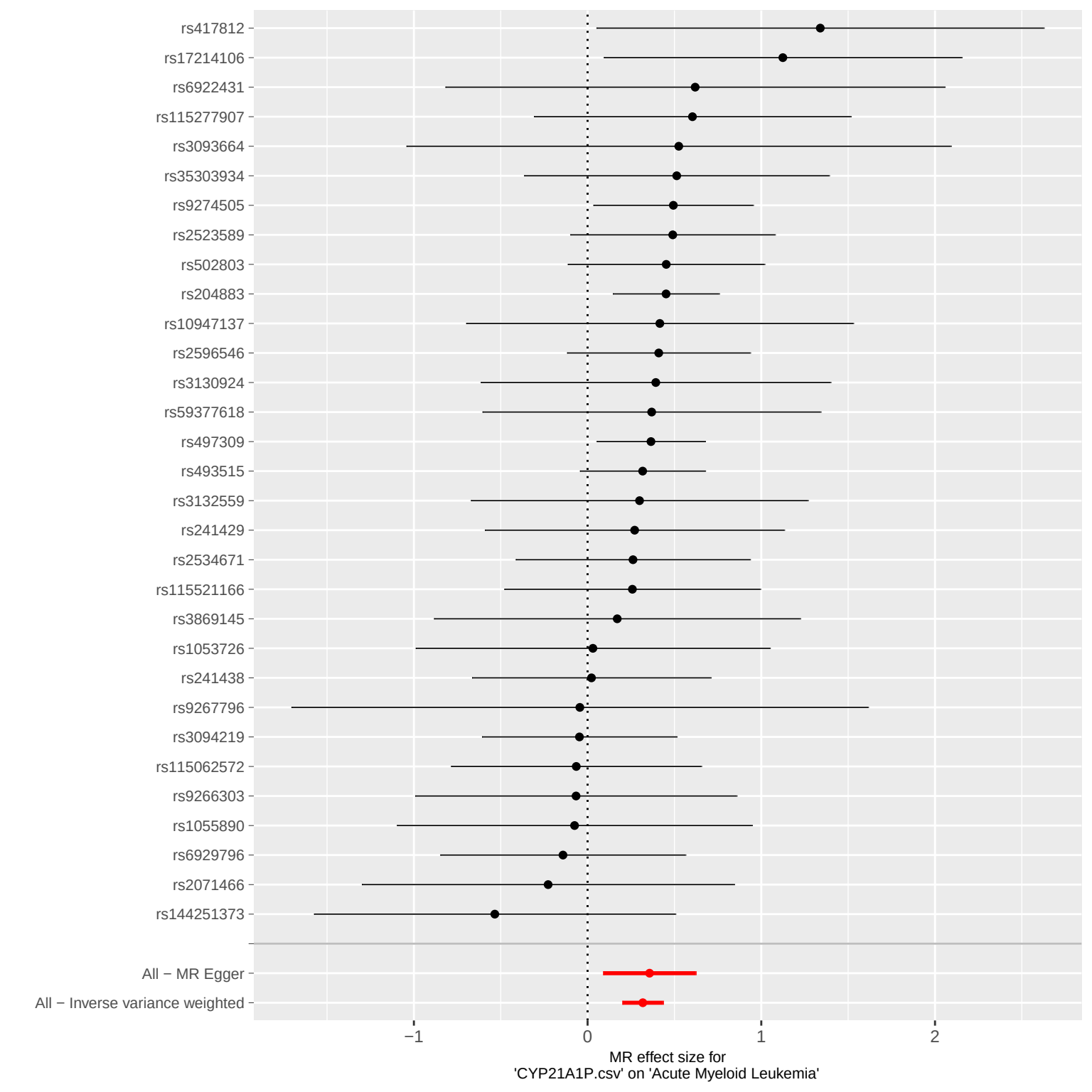
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rs2071466
rs144251373
All − MR Egger
All − Inverse variance weighted
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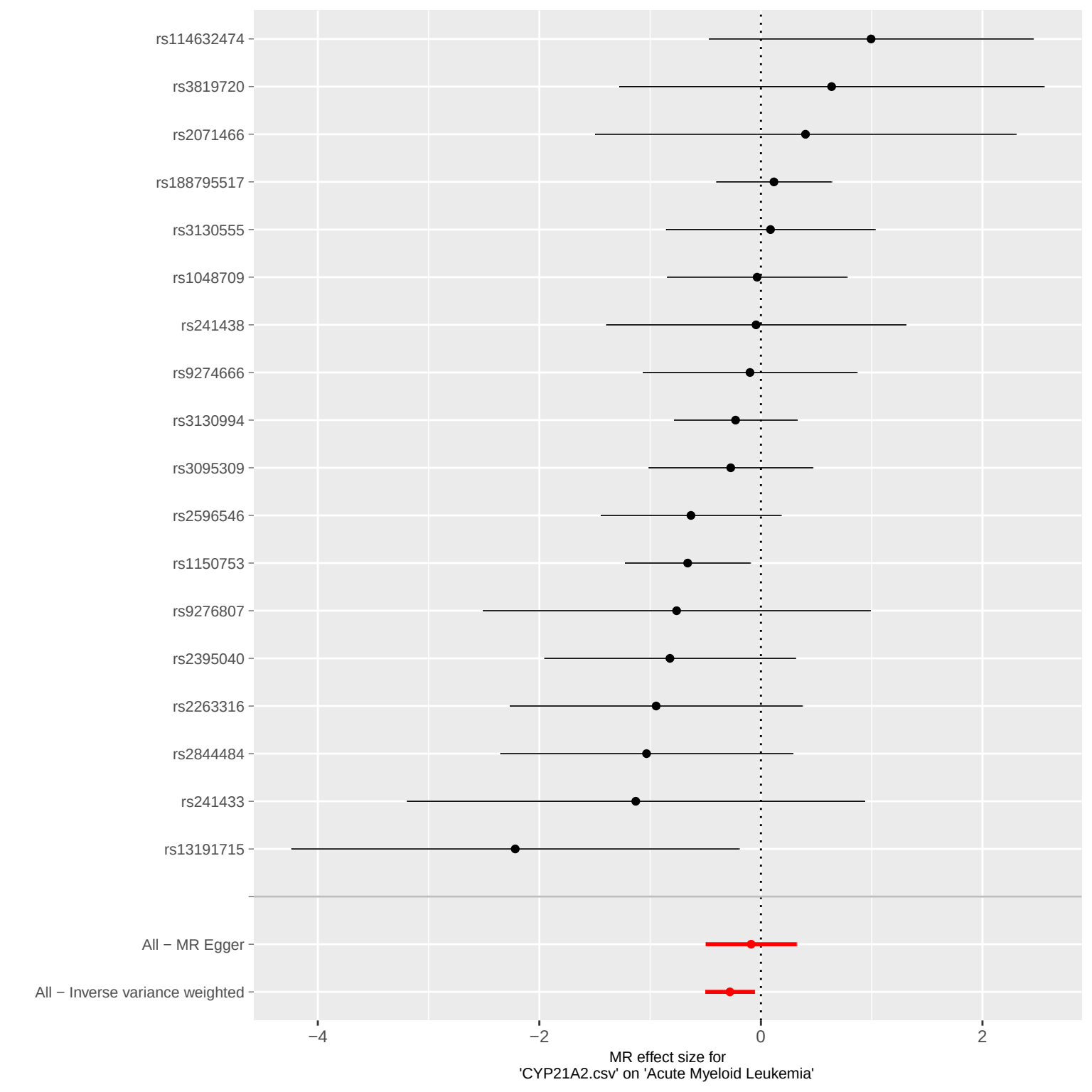
2
MR effect size for
'CYP21A1P.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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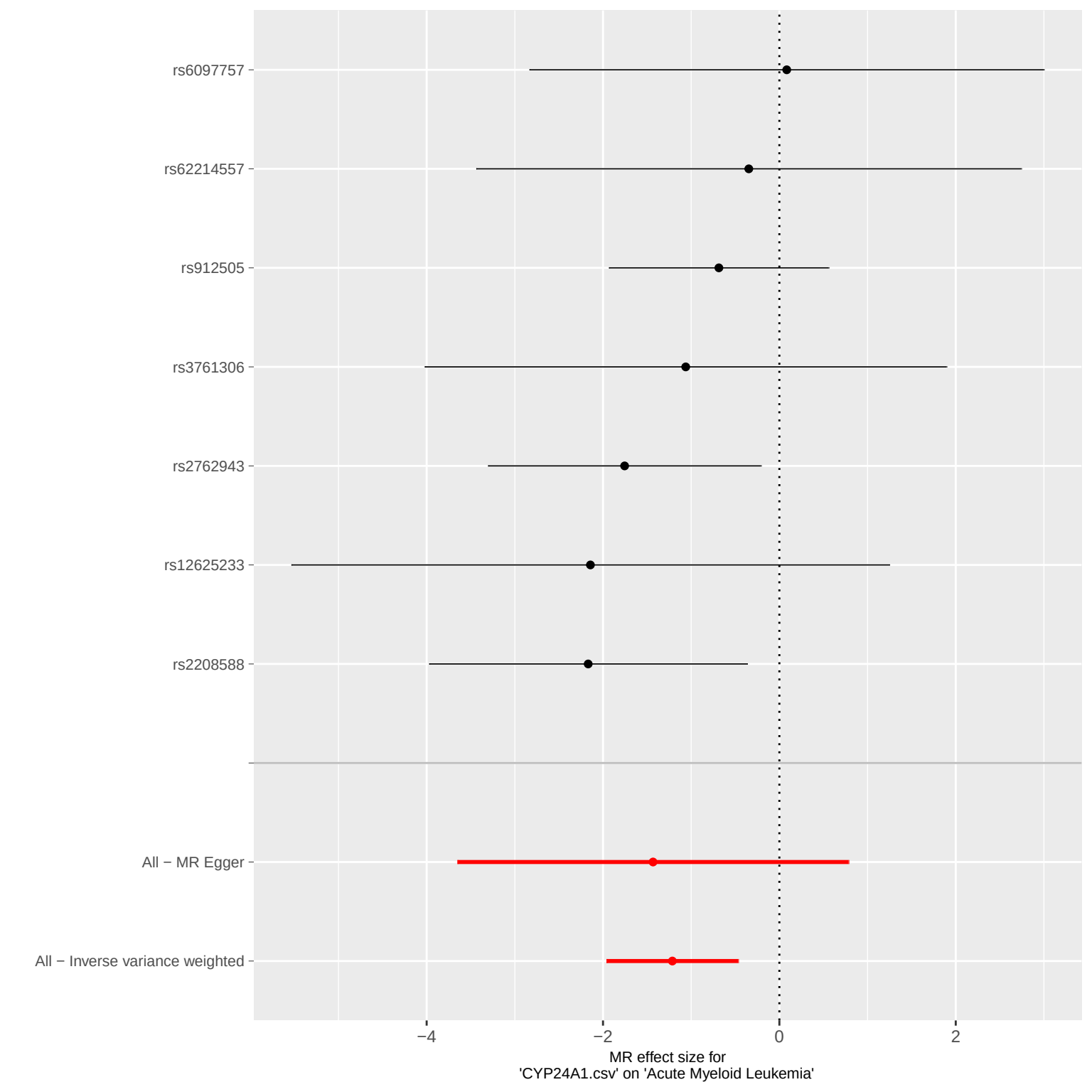
MR effect size for
'CYP21A2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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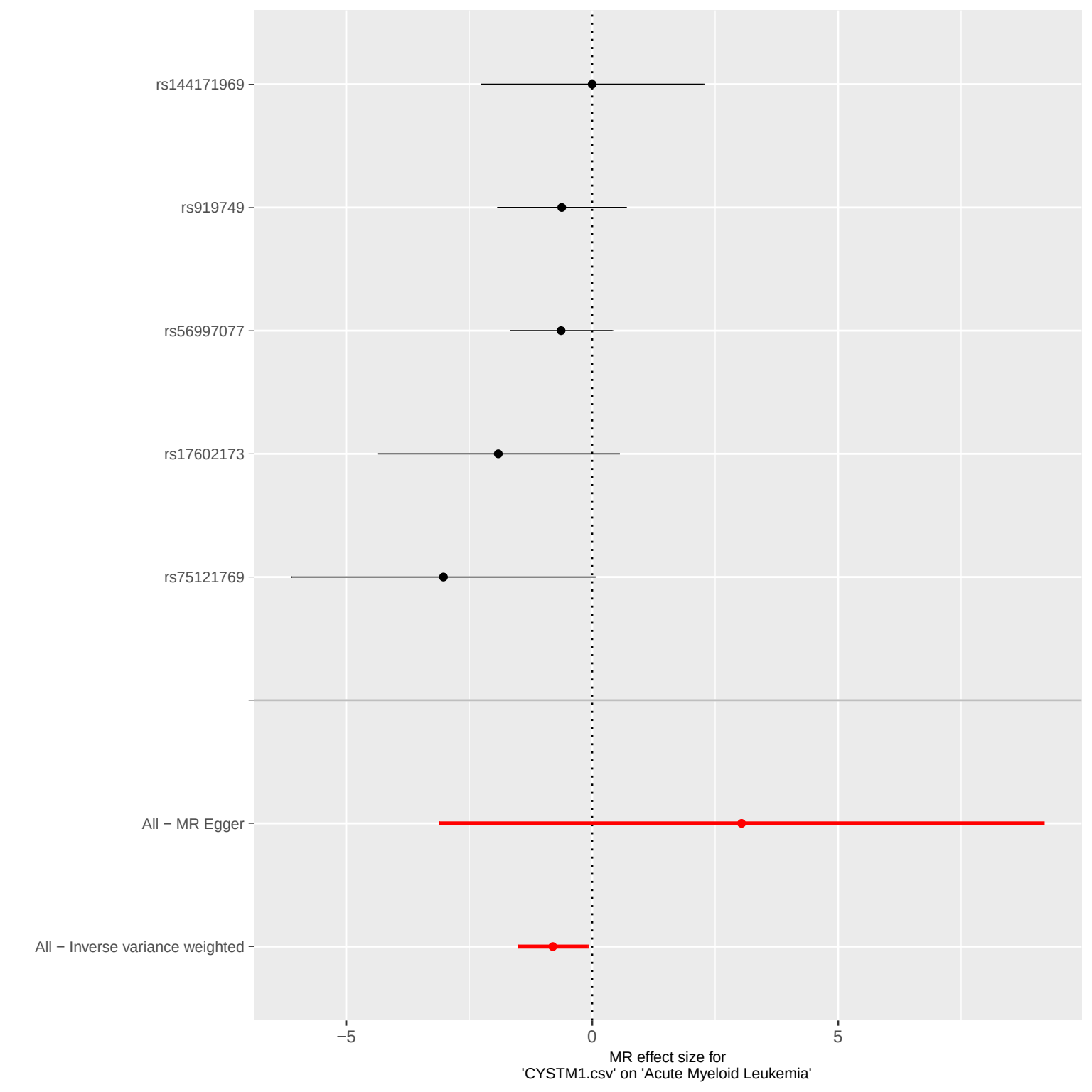
MR effect size for
'CYP24A1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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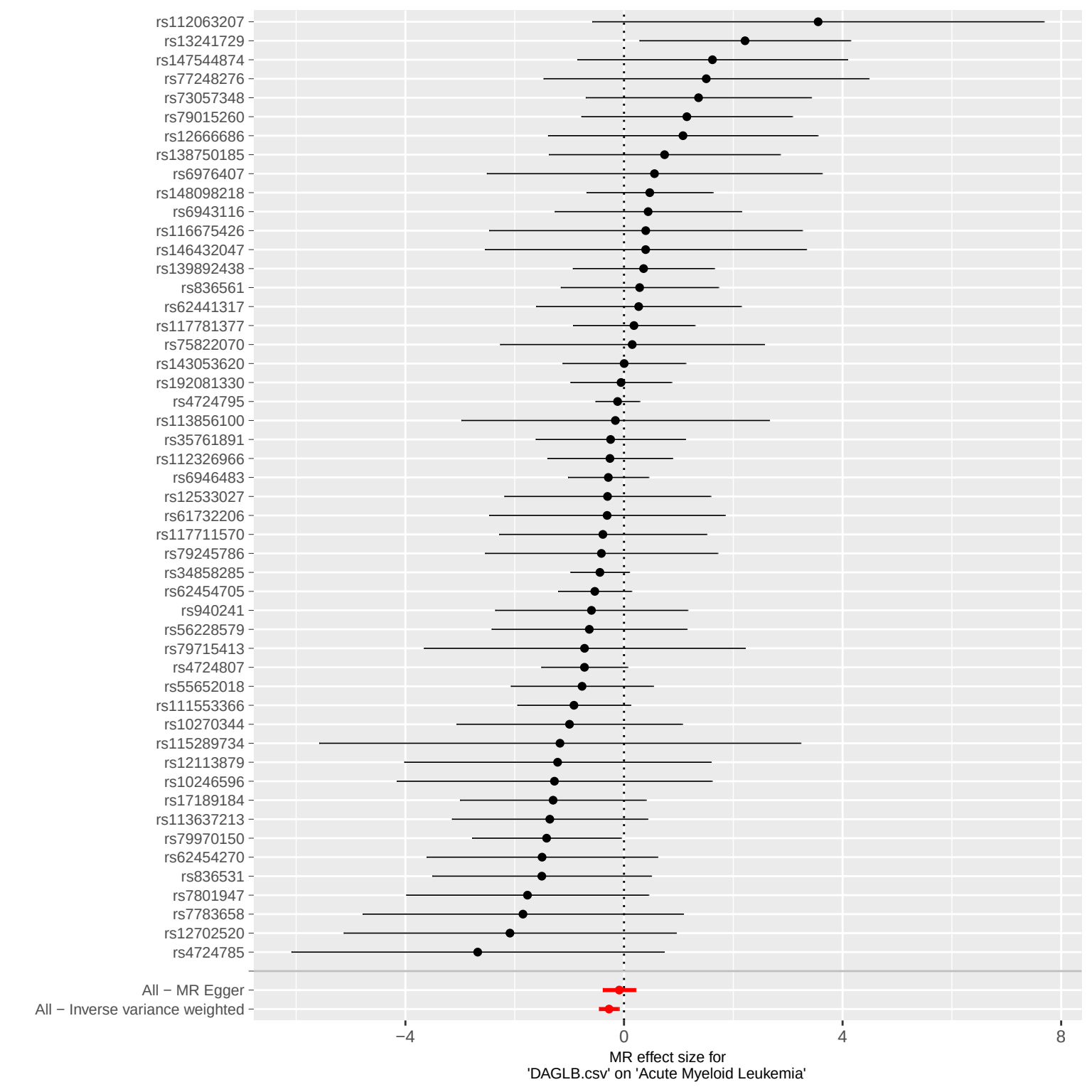
MR effect size for
'CYSTM1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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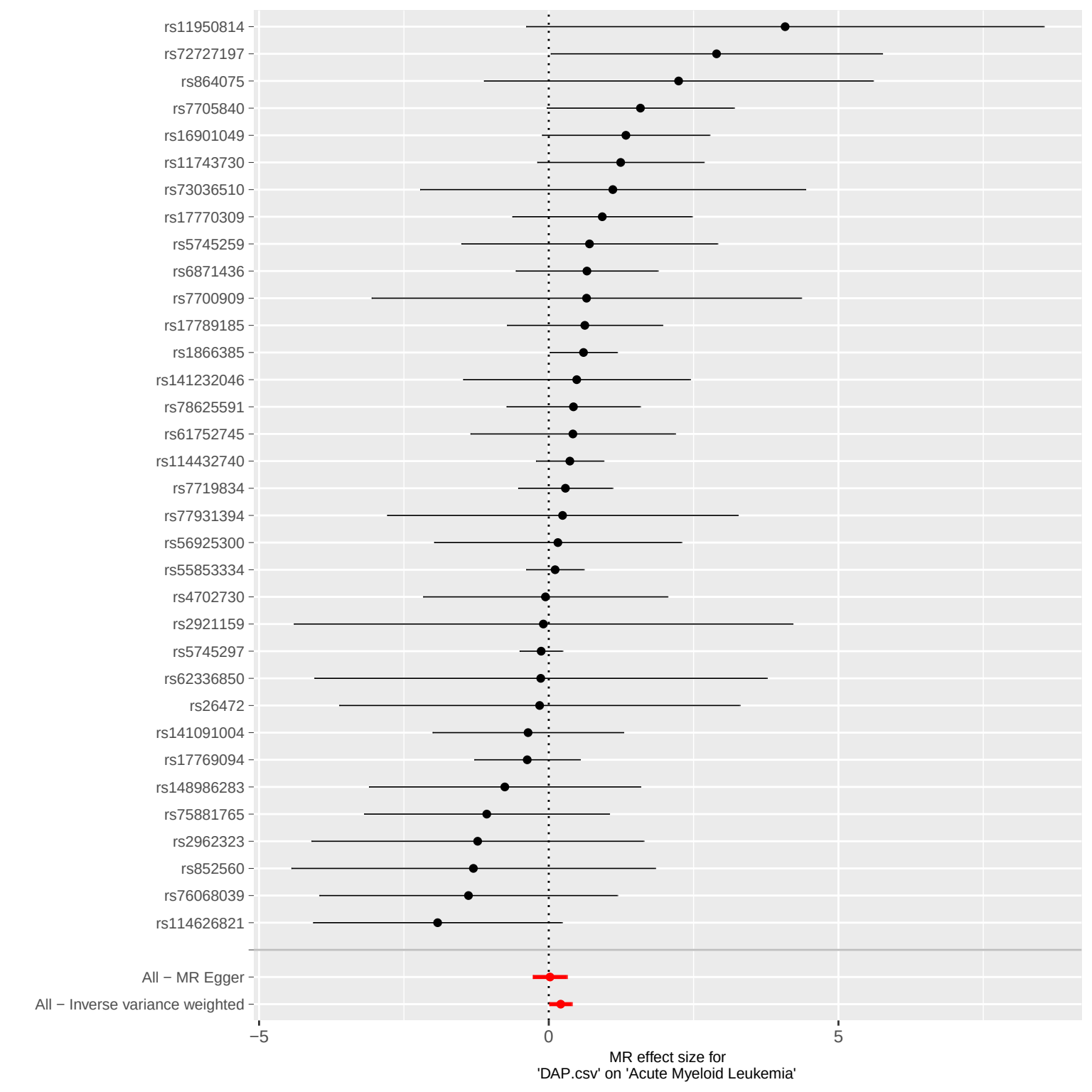
MR effect size for
'DAGLB.csv' on 'Acute Myeloid Leukemia'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rs148986283
rs75881765
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rs852560
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All − Inverse variance weighted
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MR effect size for
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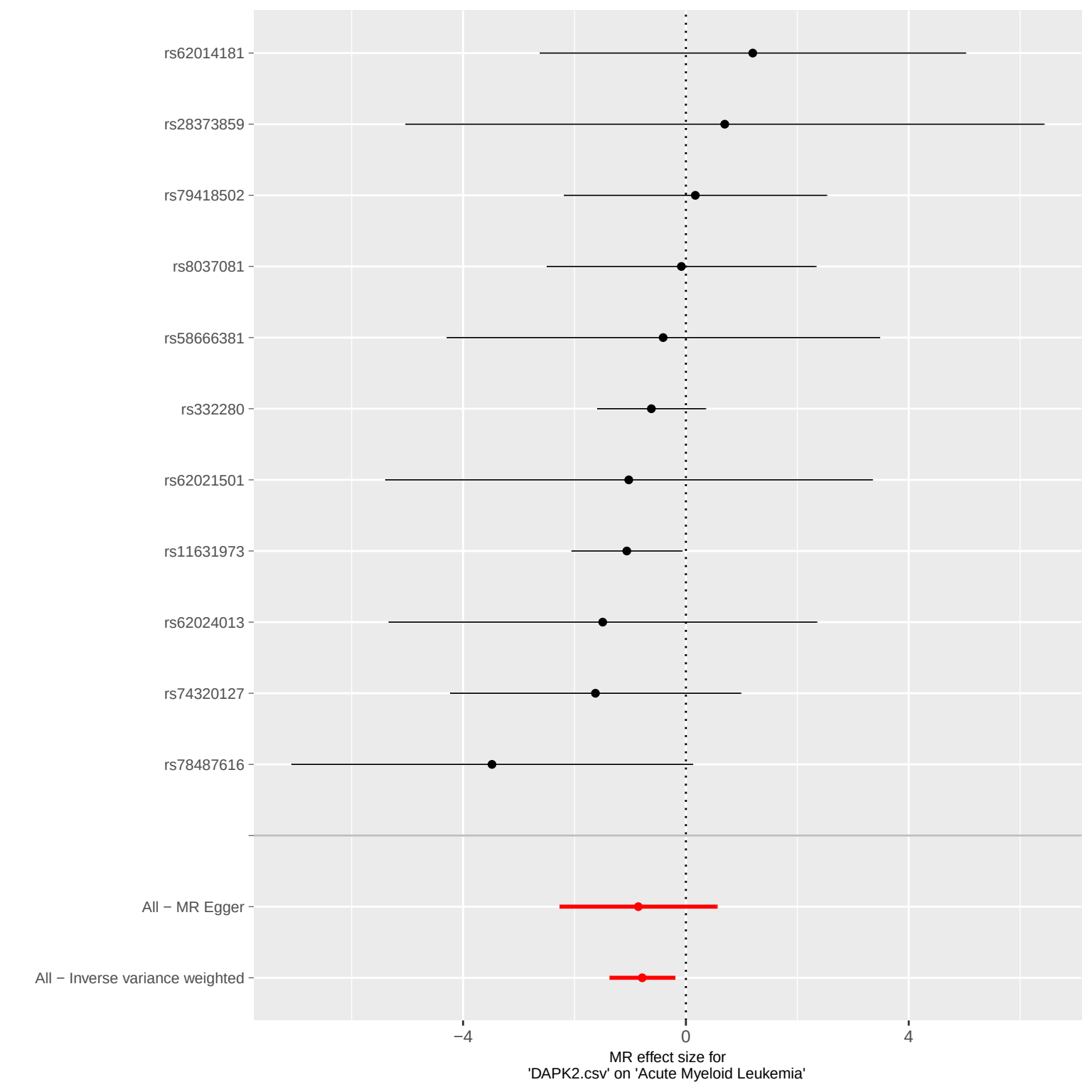
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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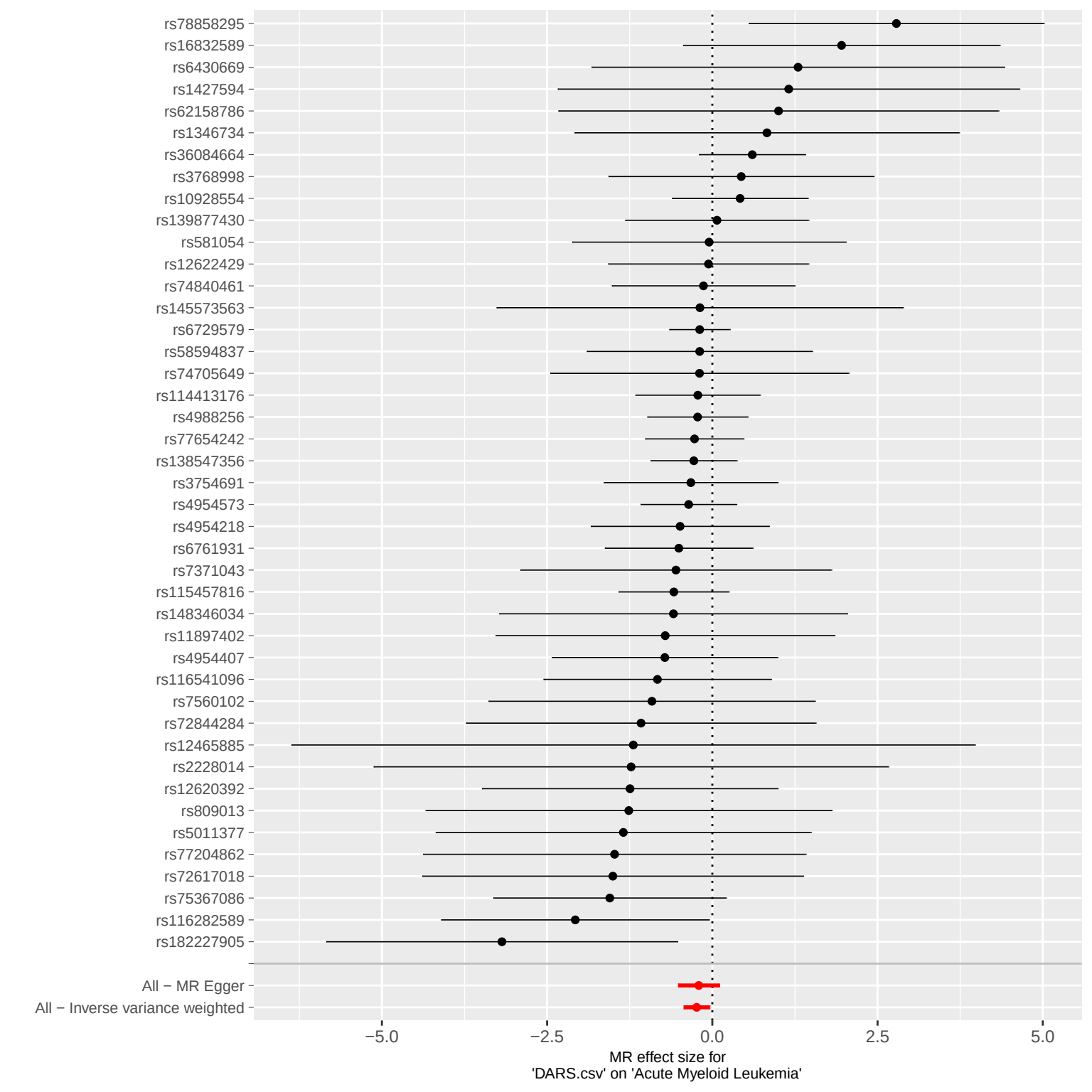
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All − MR Egger
All − Inverse variance weighted
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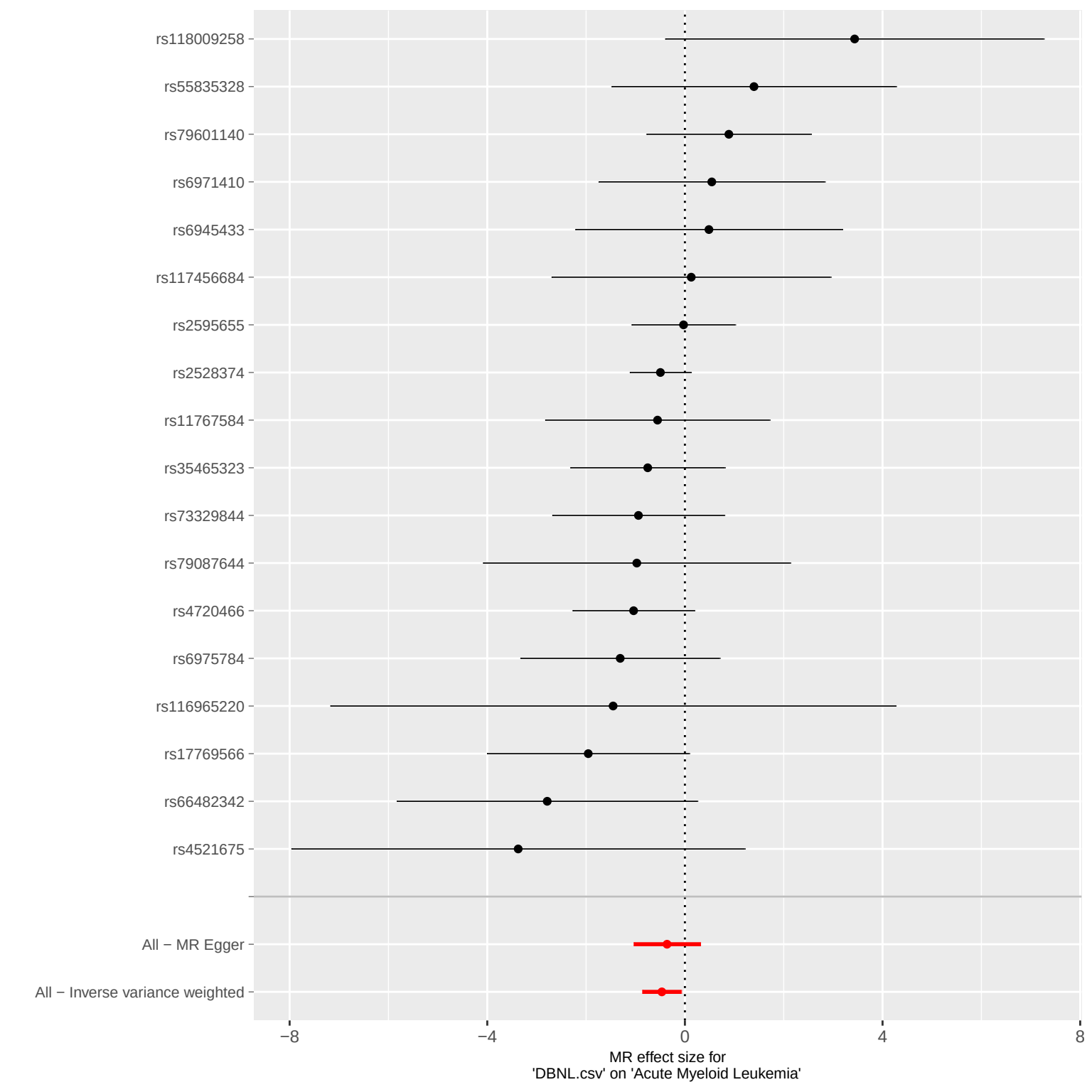
5.0
MR effect size for
'DARS.csv' on 'Acute Myeloid Leukemia'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rs66482342
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All − MR Egger
All − Inverse variance weighted
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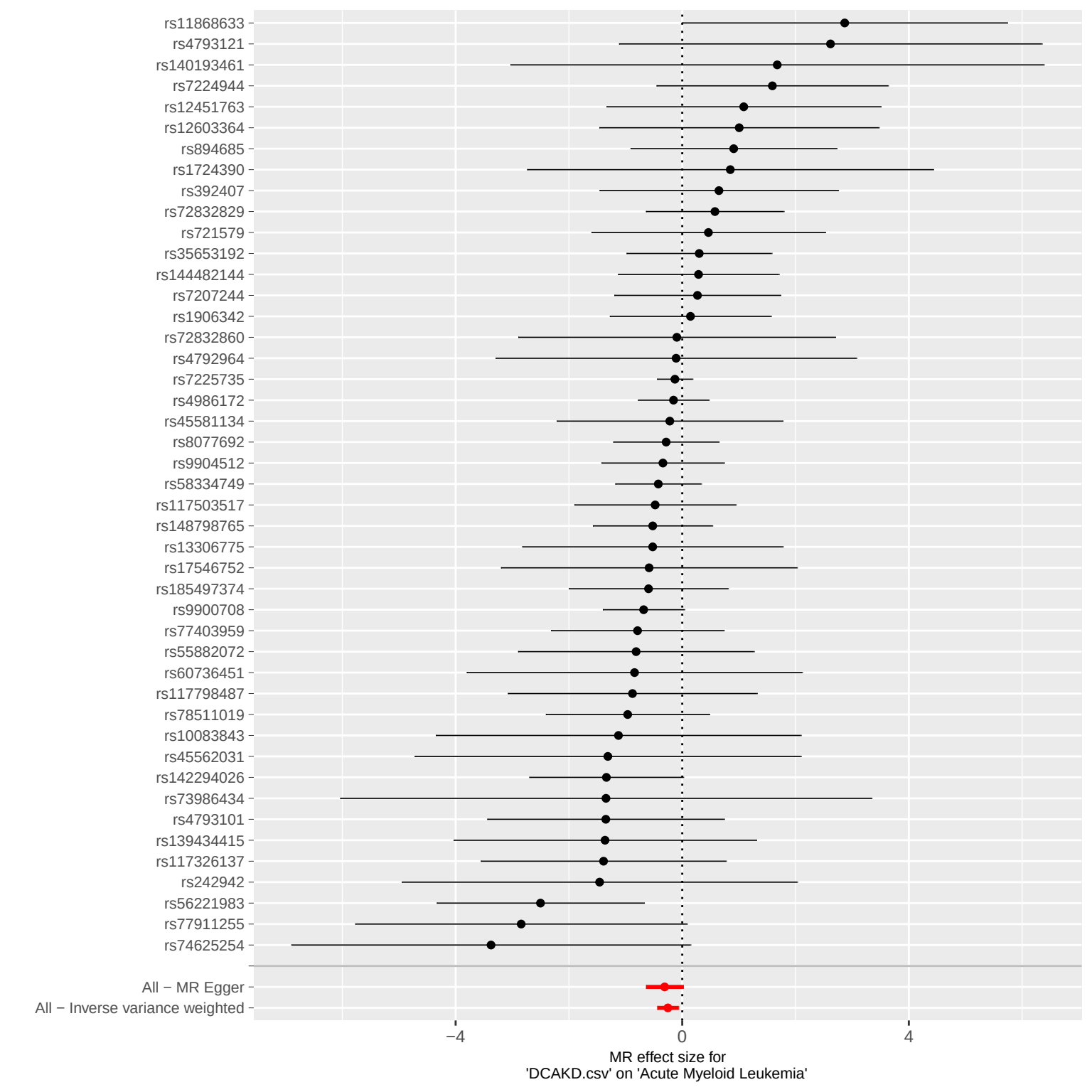
MR effect size for
'DBNL.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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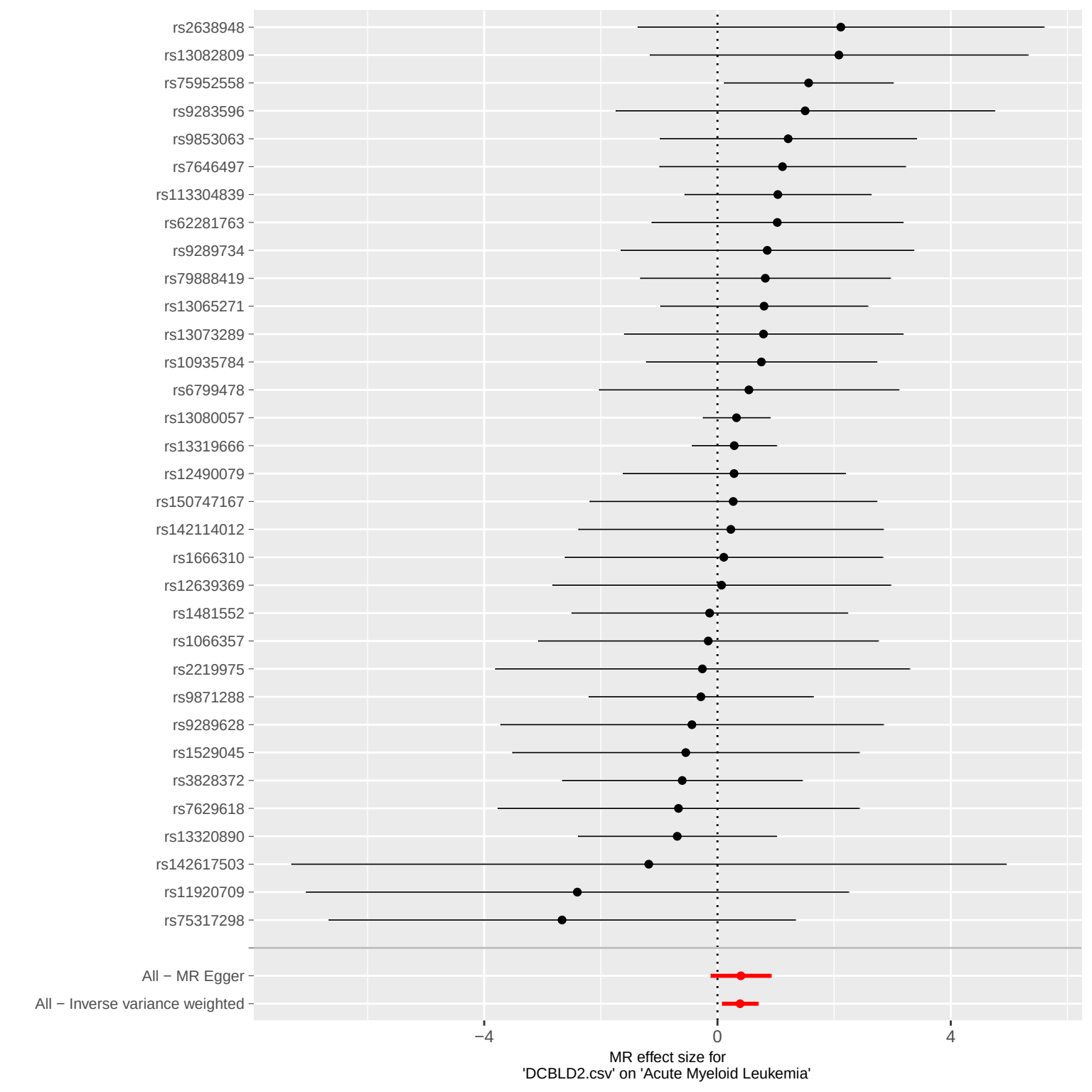
MR effect size for
'DCAKD.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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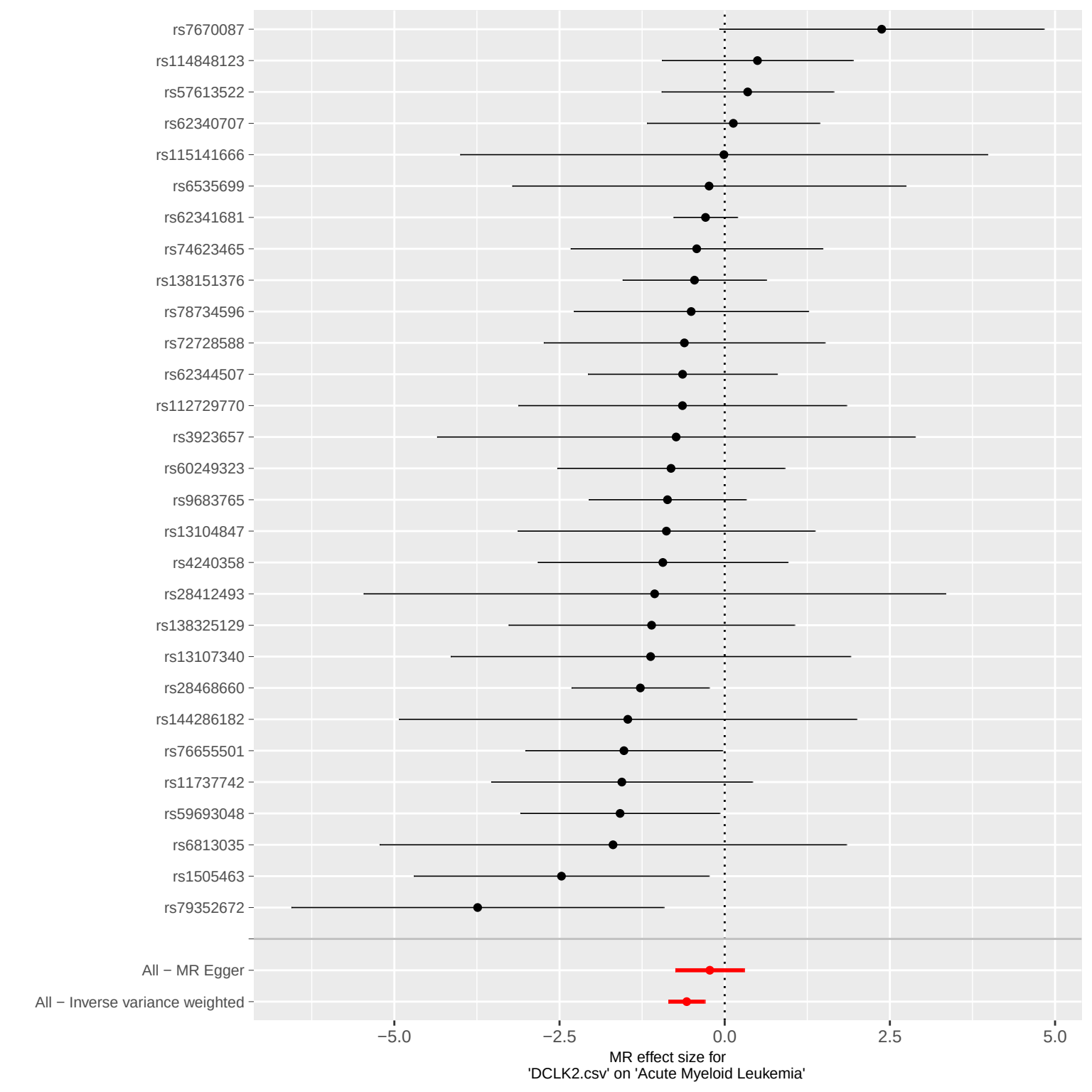
MR effect size for
'DCBLD2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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0.0
2.5
5.0
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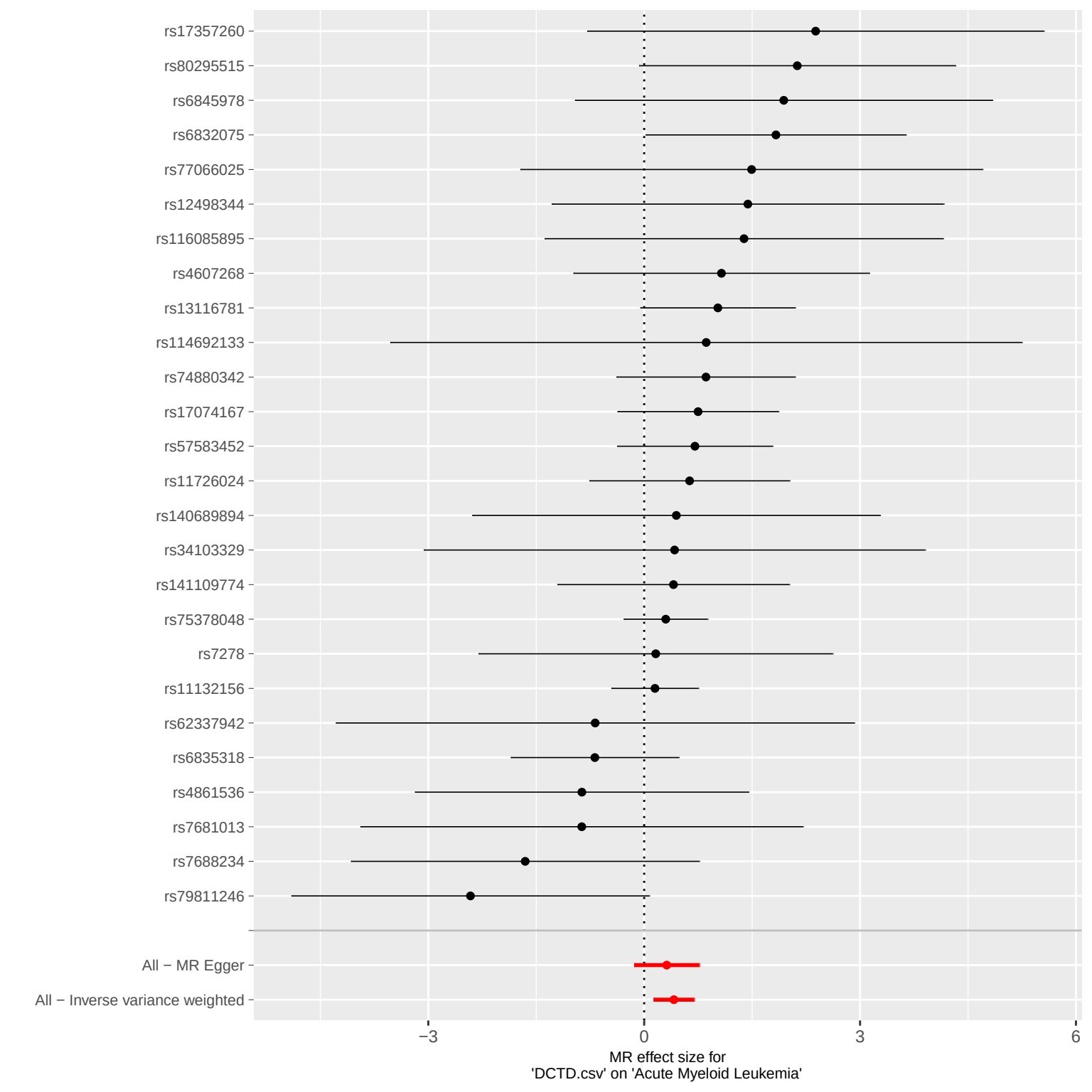
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All − Inverse variance weighted
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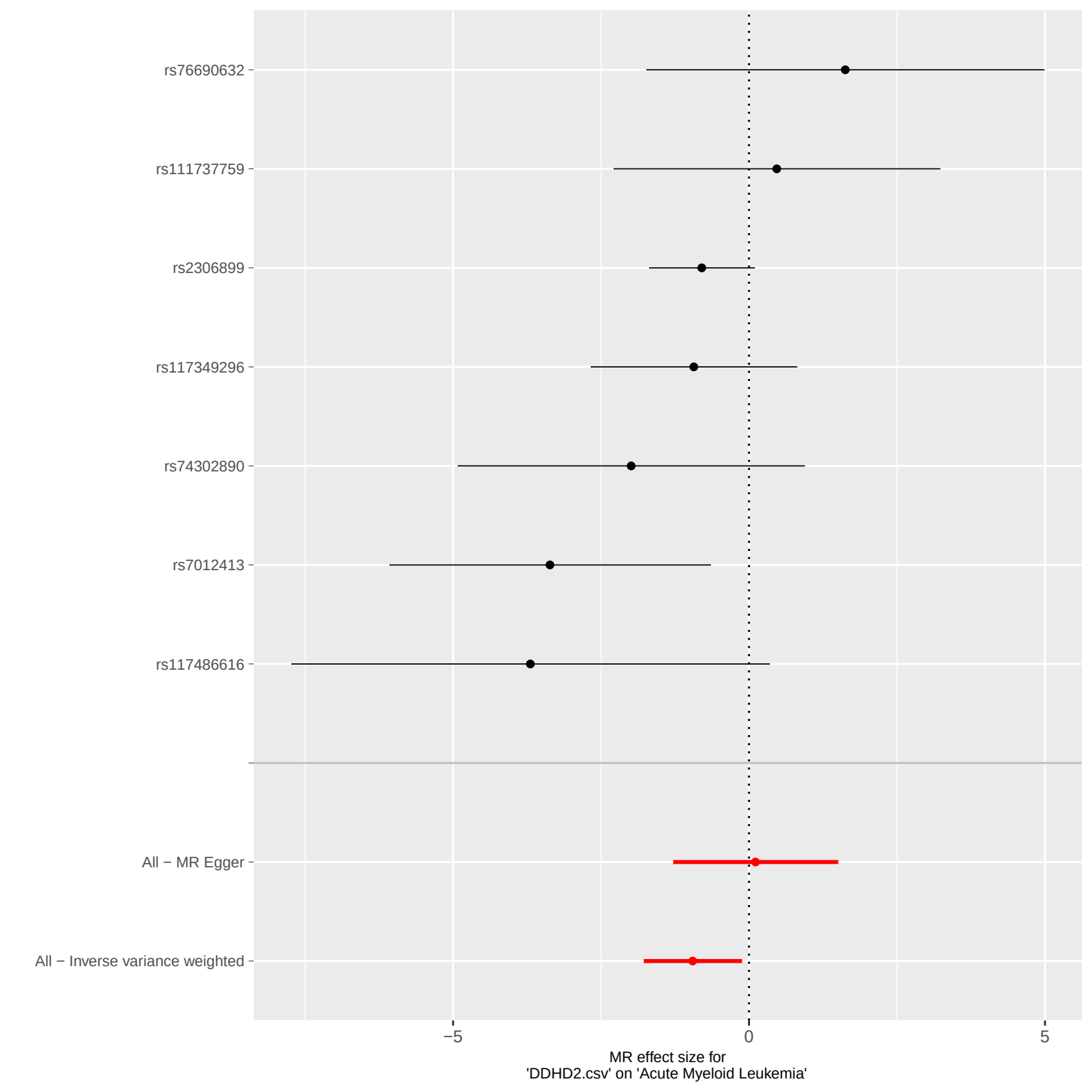
MR effect size for
'DCTD.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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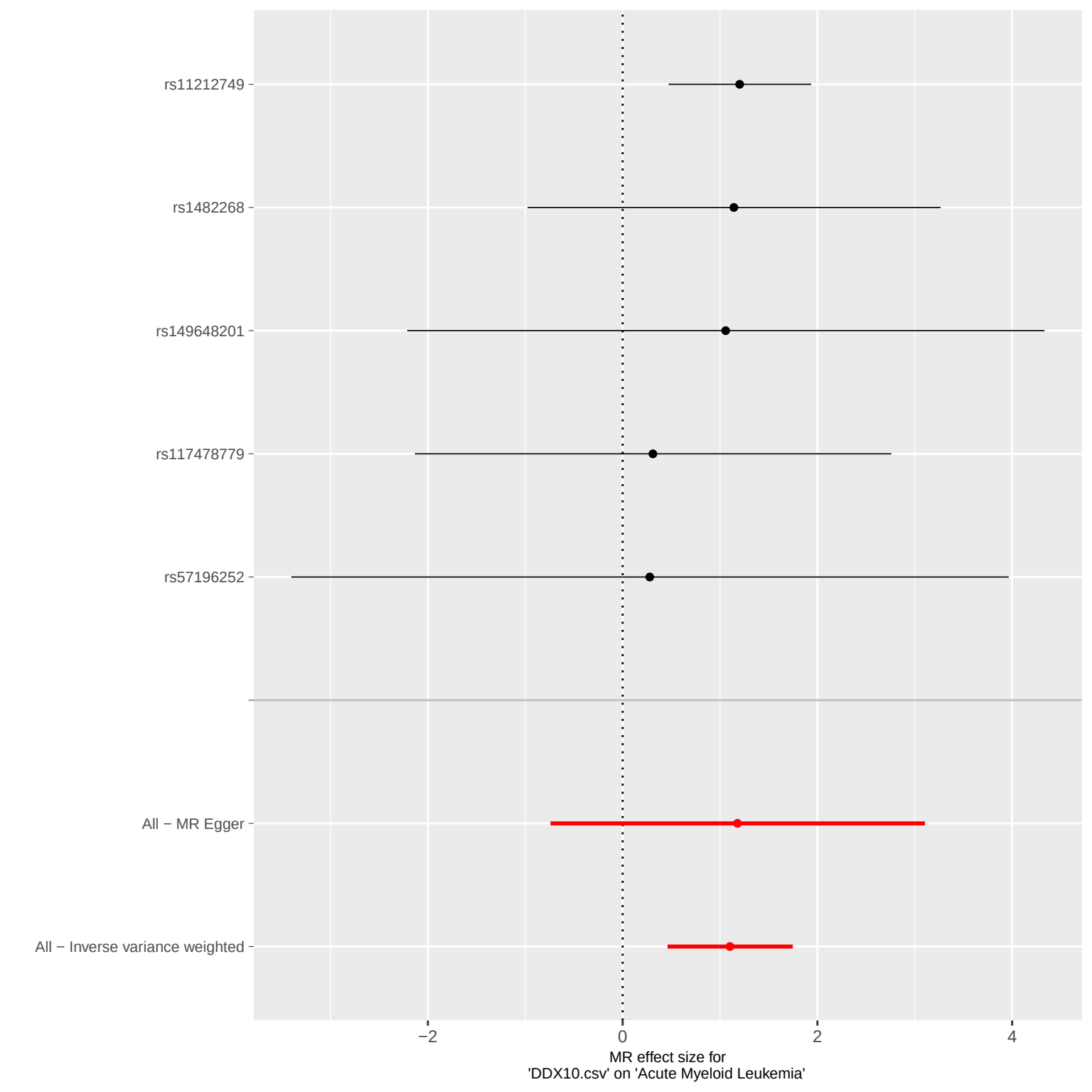
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All − MR Egger
All − Inverse variance weighted
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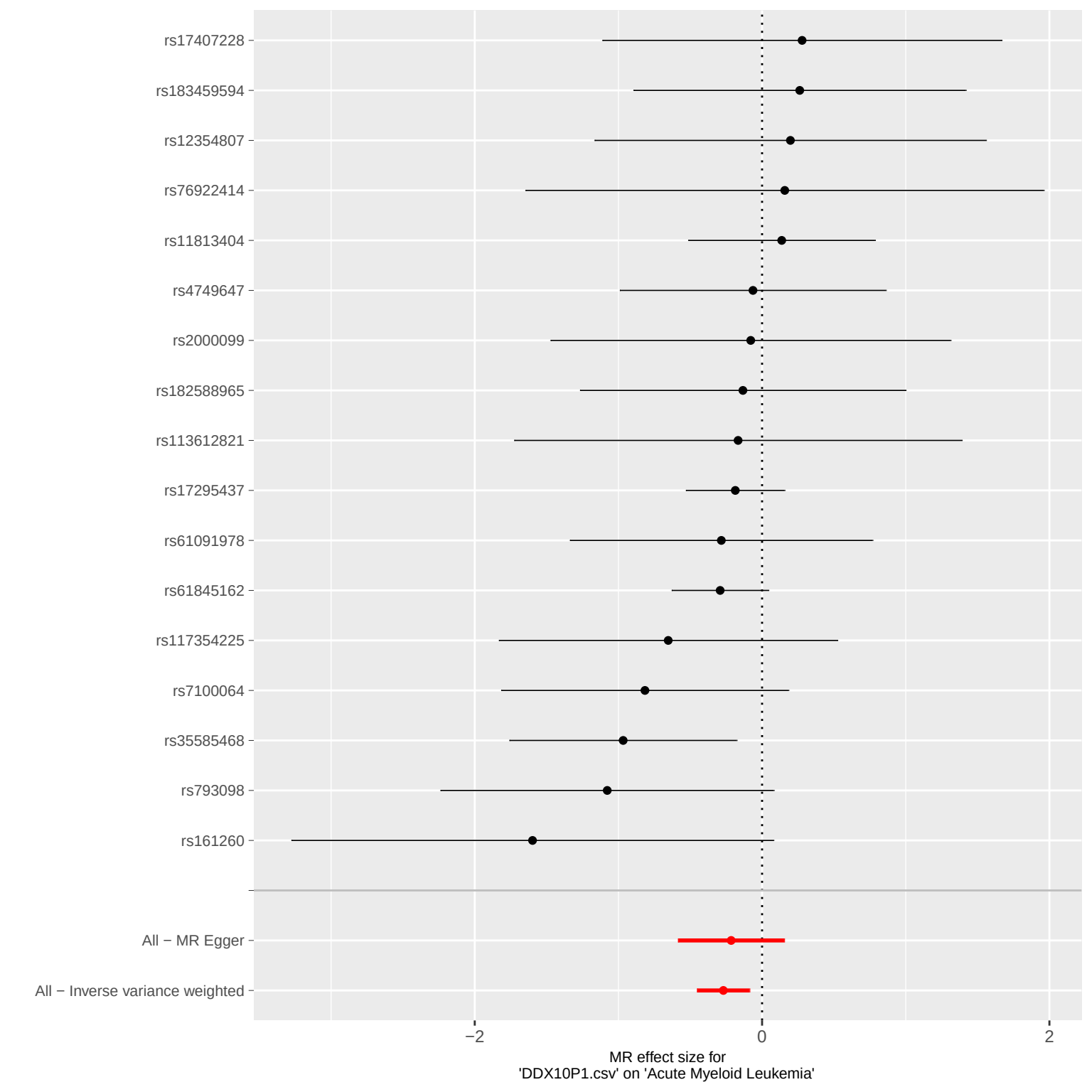
MR effect size for
'DDX10.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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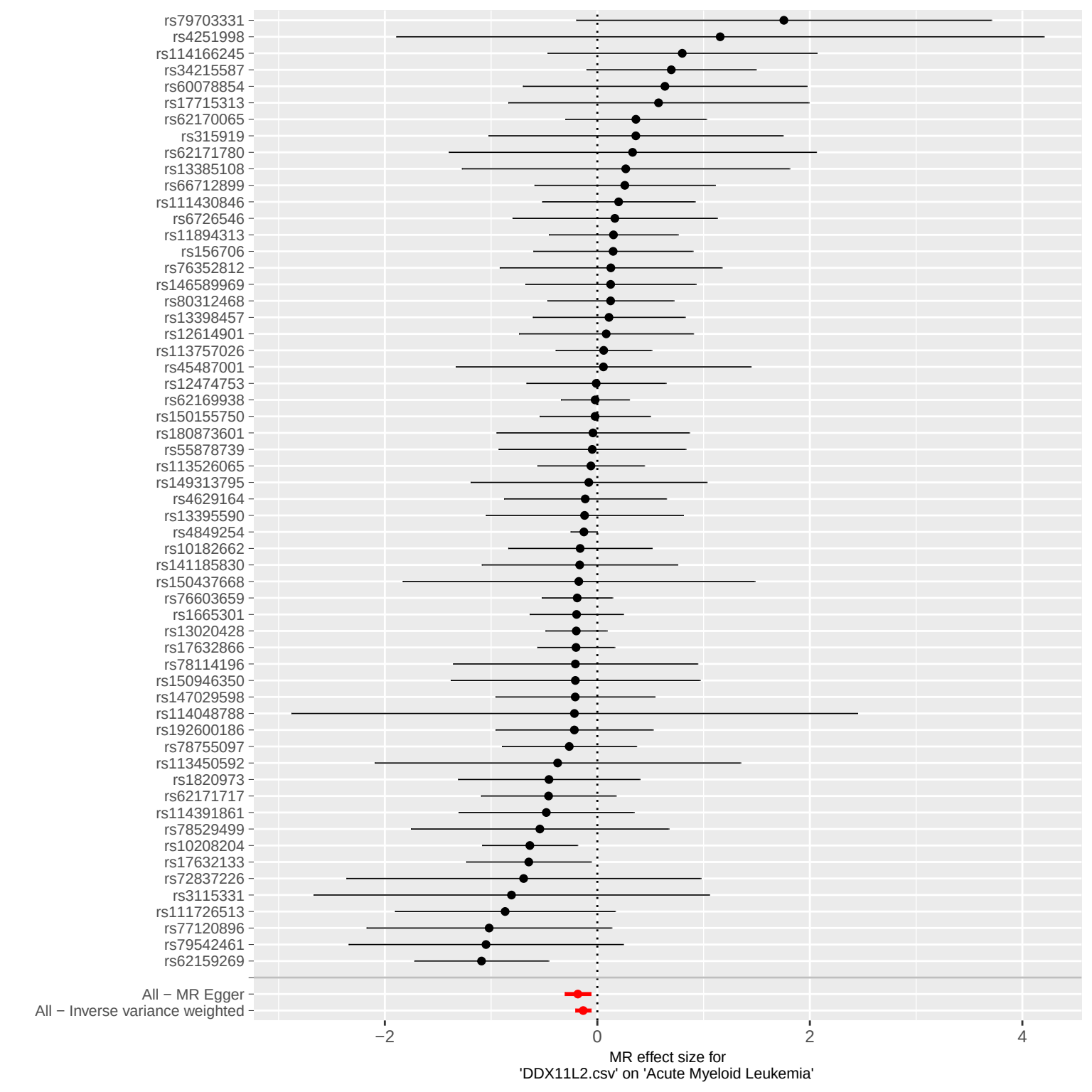
MR effect size for
'DDX10P1.csv' on 'Acute Myeloid Leukemia'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rs77120896
rs79542461
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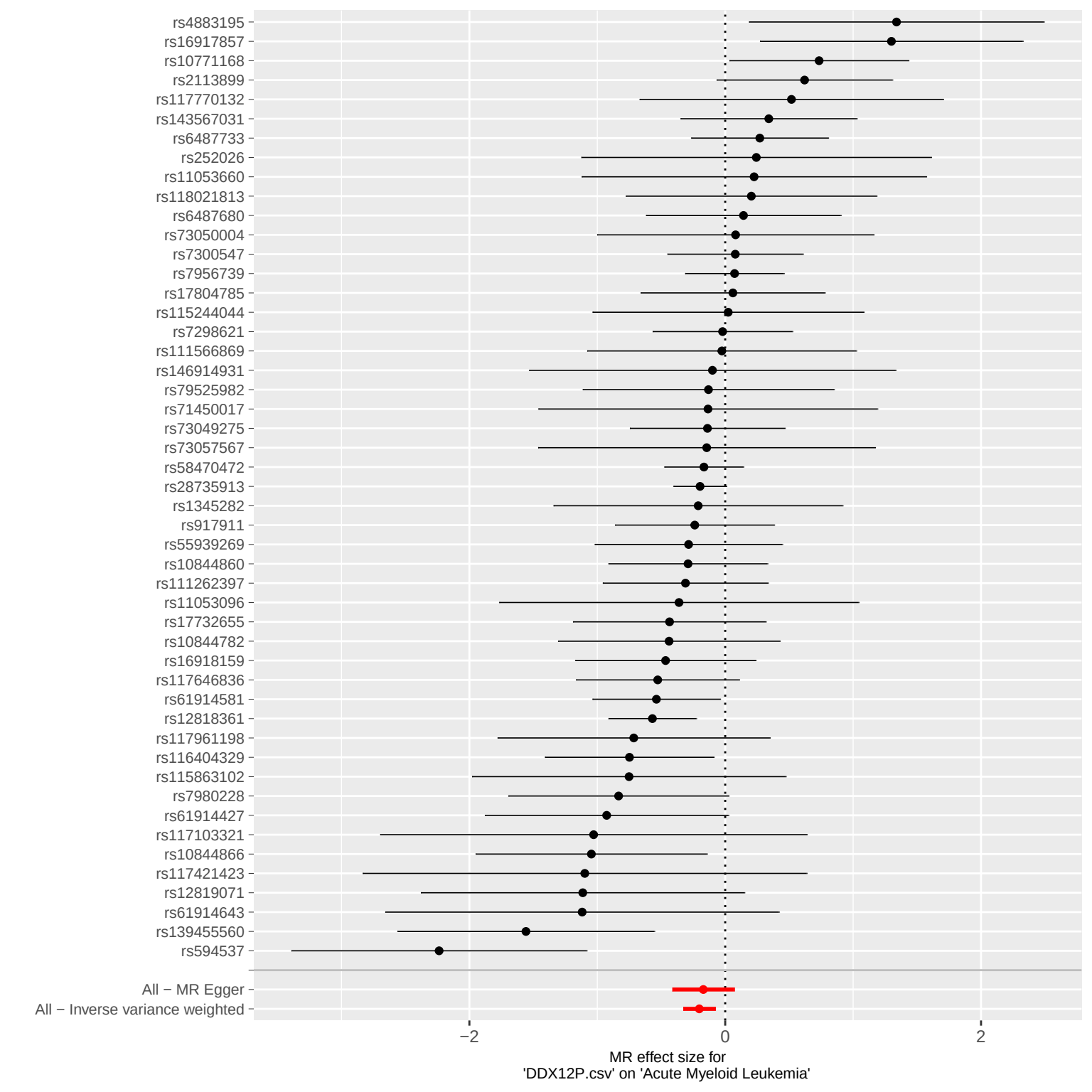
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'DDX11L2.csv' on 'Acute Myeloid Leukemia'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rs117421423
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All − MR Egger
All − Inverse variance weighted
−2
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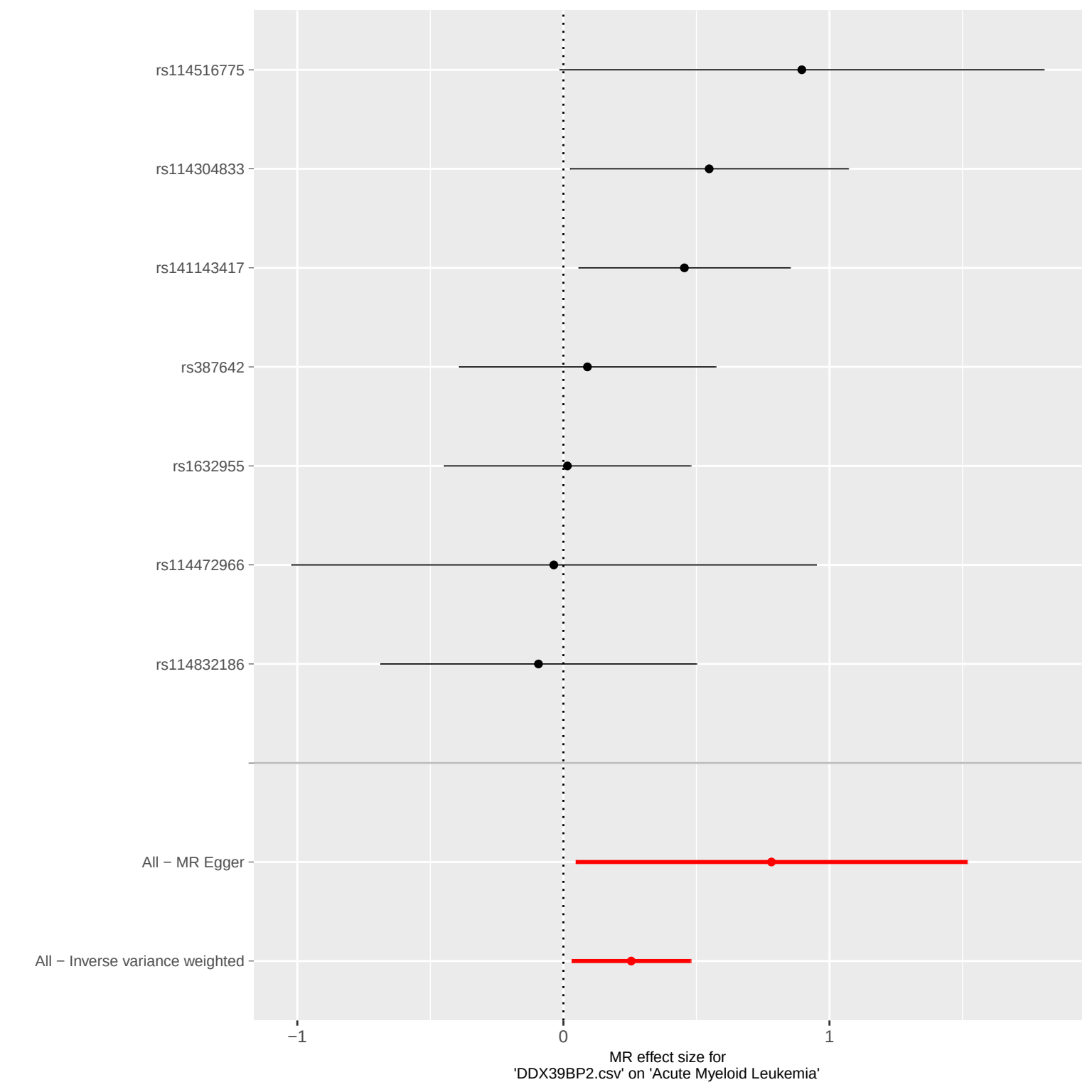
MR effect size for
'DDX12P.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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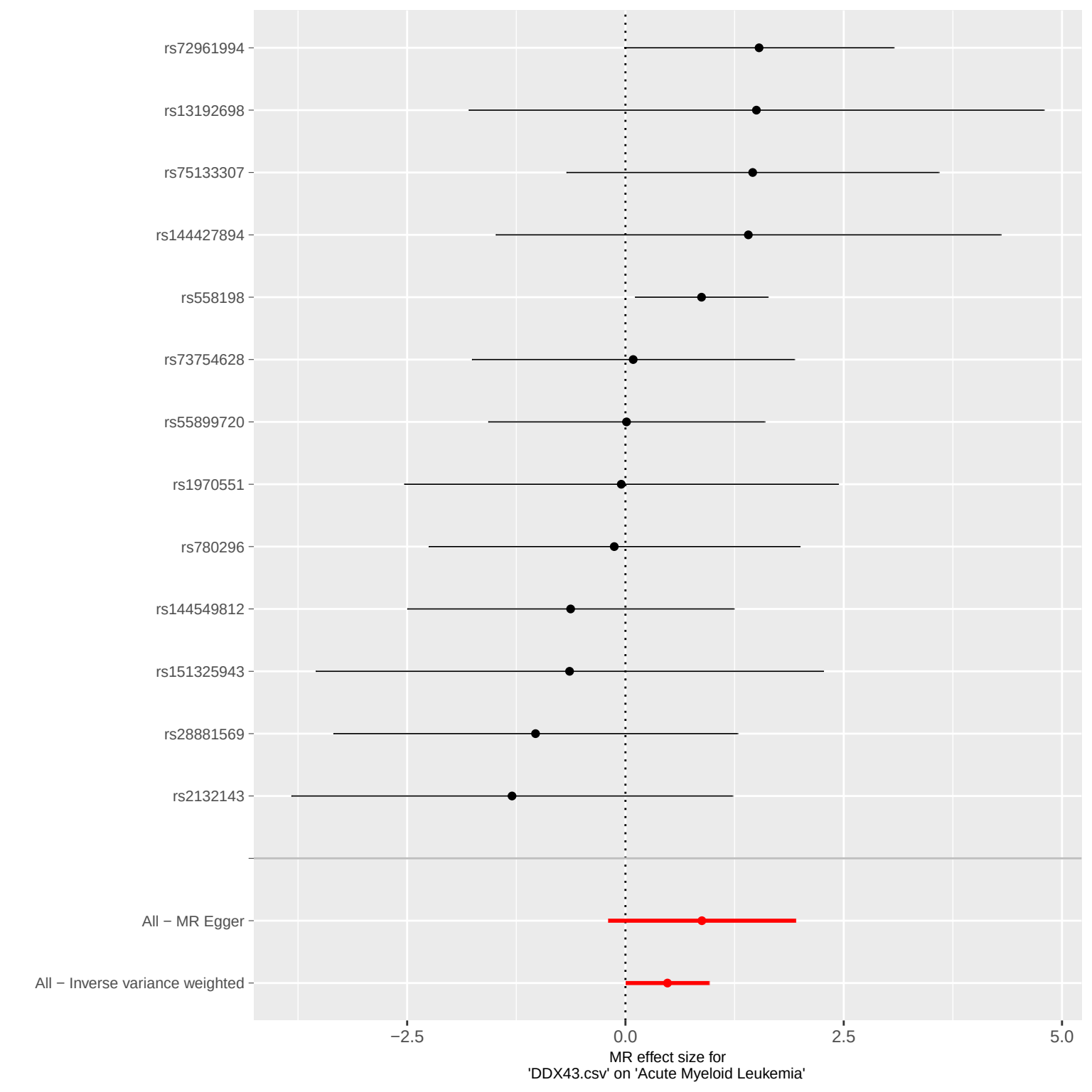
0
1
MR effect size for
'DDX39BP2.csv' on 'Acute Myeloid Leukemia'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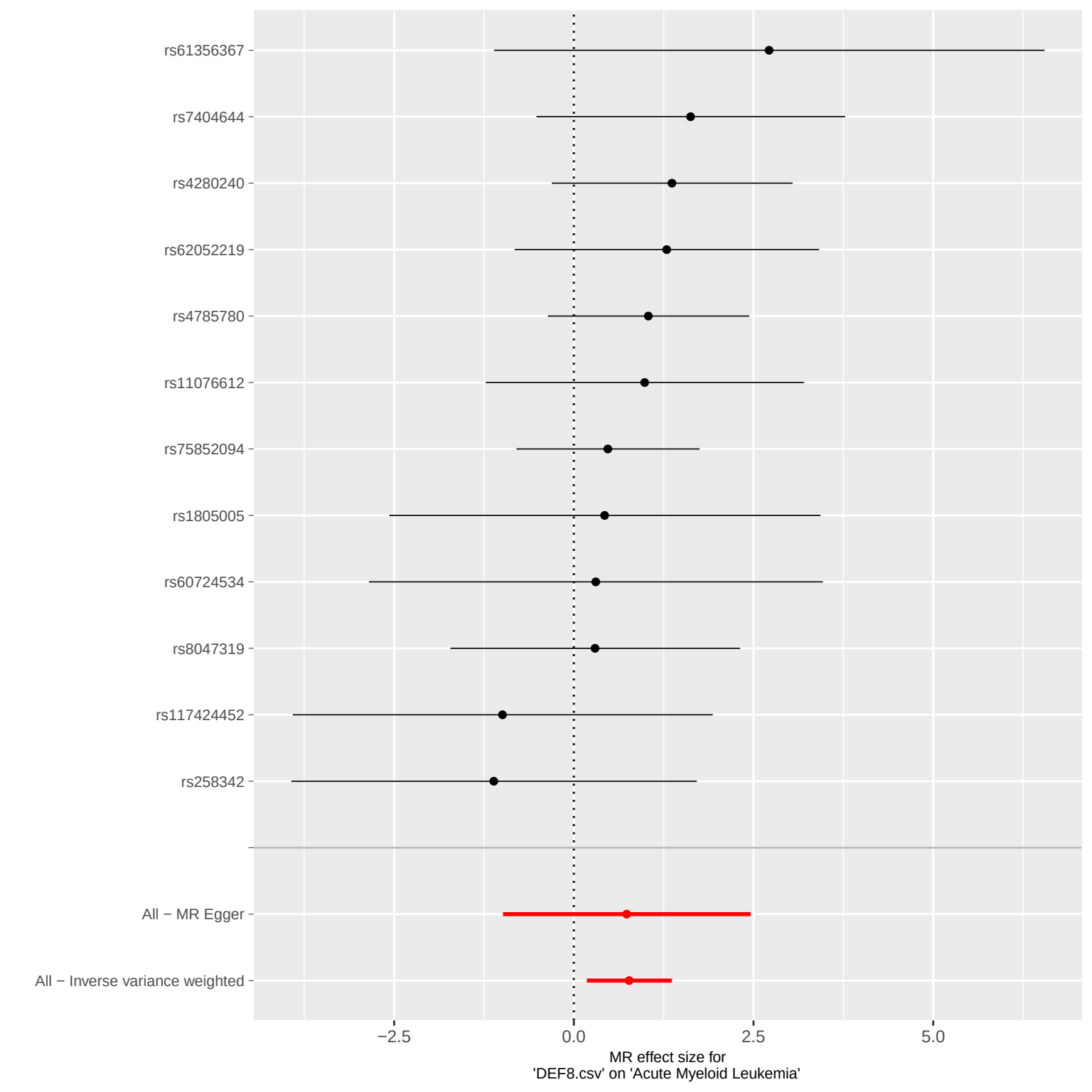
rs558198
rs73754628
rs55899720
rs1970551
rs780296
rs144549812
rs151325943
rs28881569
rs2132143
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'DDX43.csv' on 'Acute Myeloid Leukemia'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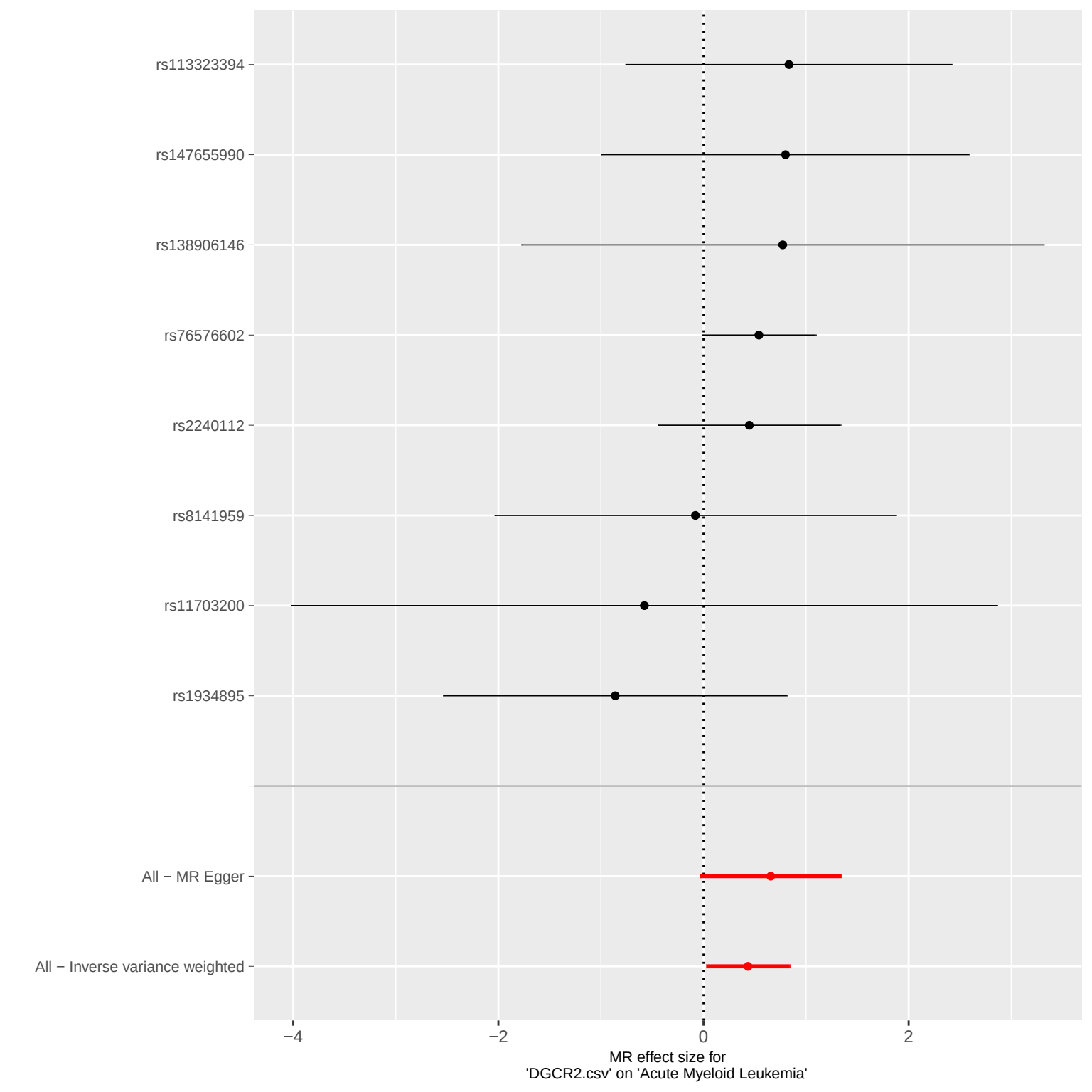
rs62052219
rs4785780
rs11076612
rs75852094
rs1805005
rs60724534
rs8047319
rs117424452
rs258342
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'DEF8.csv' on 'Acute Myeloid Leukemia'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rs147655990
rs138906146
rs76576602
rs2240112
rs8141959
rs11703200
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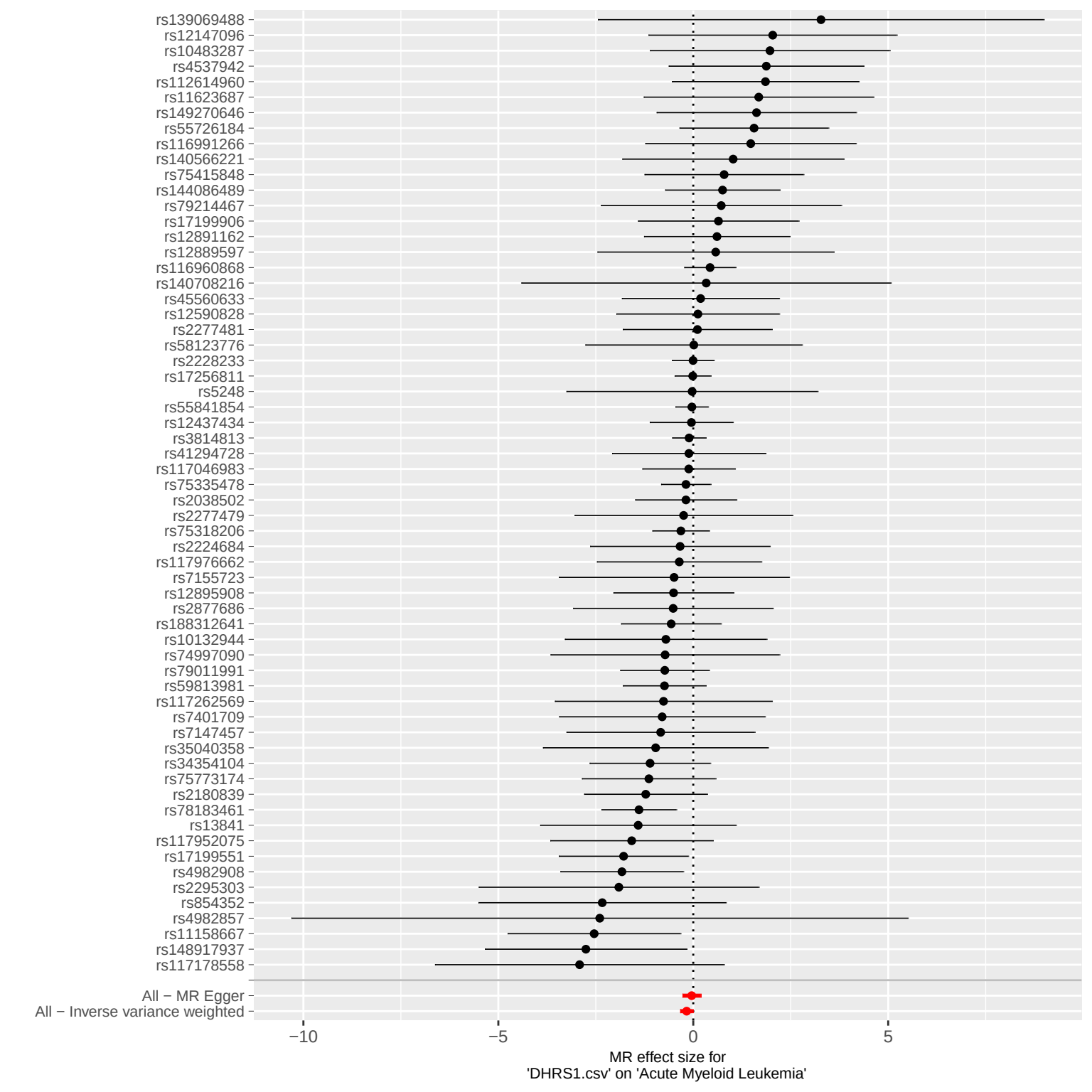
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DGCR2.csv' on 'Acute Myeloid Leukemia'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rs13841
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rs2295303
rs854352
rs4982857
rs11158667
rs148917937
rs117178558
All − MR Egger
All − Inverse variance weighted
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−5
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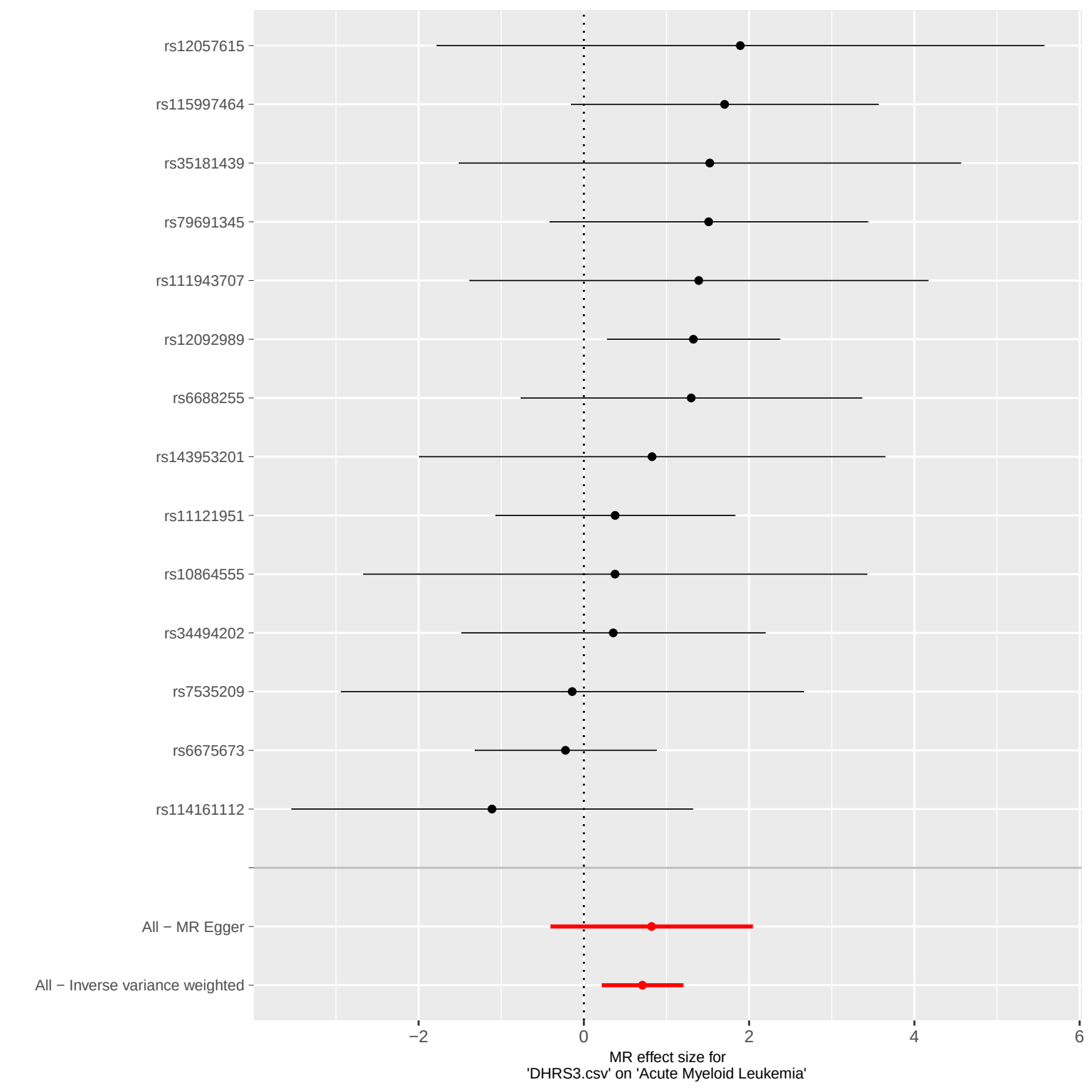
5
MR effect size for
'DHRS1.csv' on 'Acute Myeloid Leukemia'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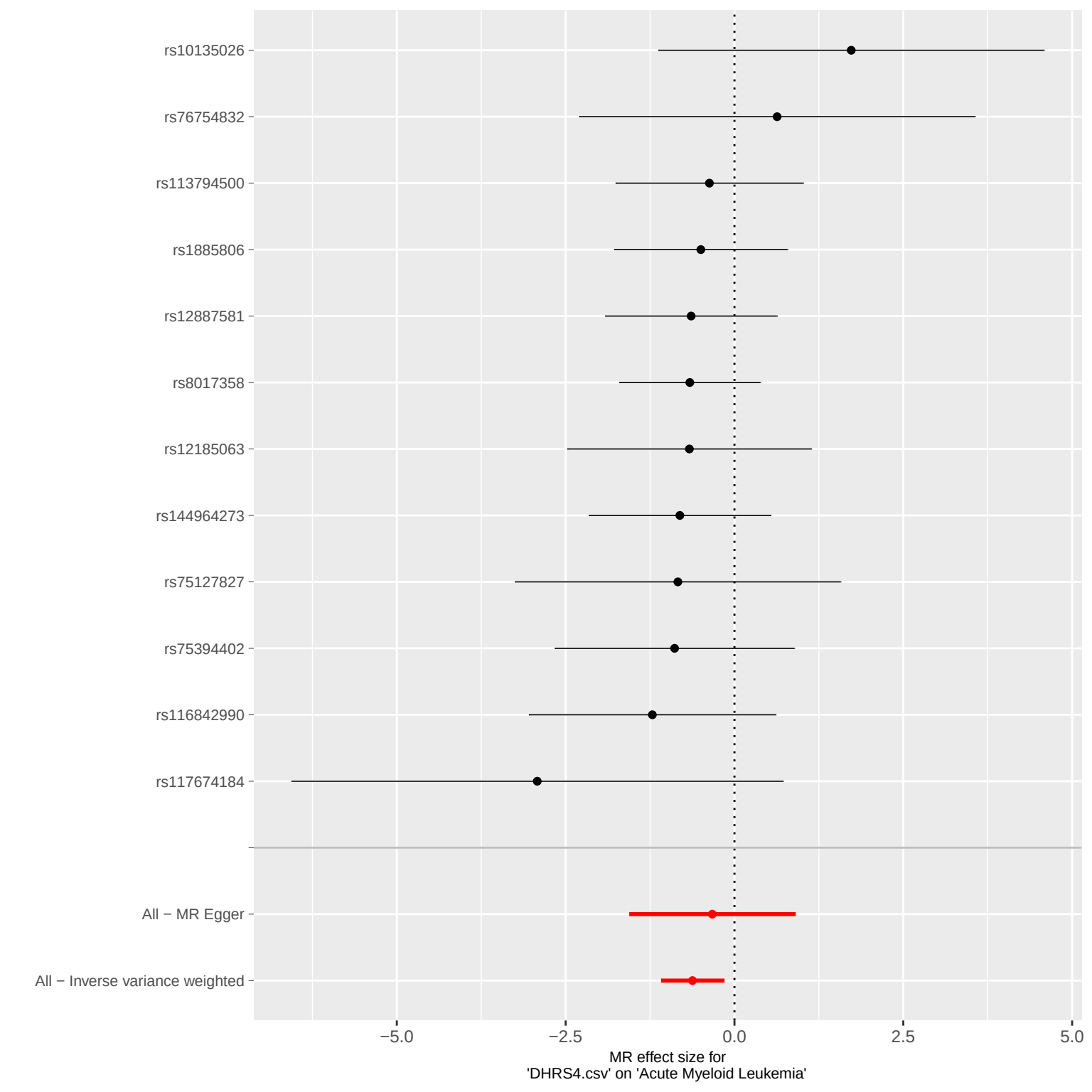
rs11121951
rs10864555
rs34494202
rs7535209
rs6675673
rs114161112
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'DHRS3.csv' on 'Acute Myeloid Leukemia'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rs12887581
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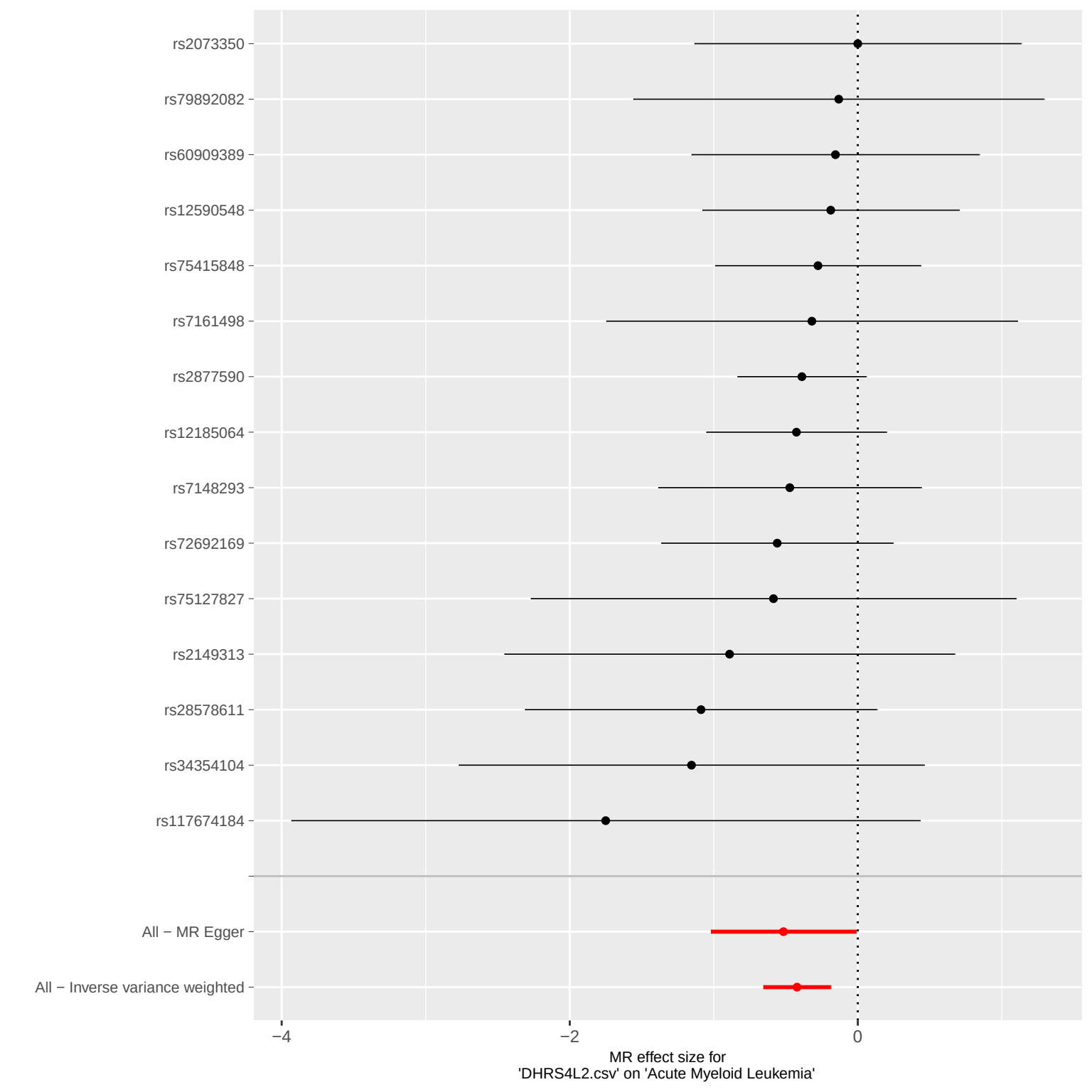
rs116842990
rs117674184
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'DHRS4.csv' on 'Acute Myeloid Leukemia'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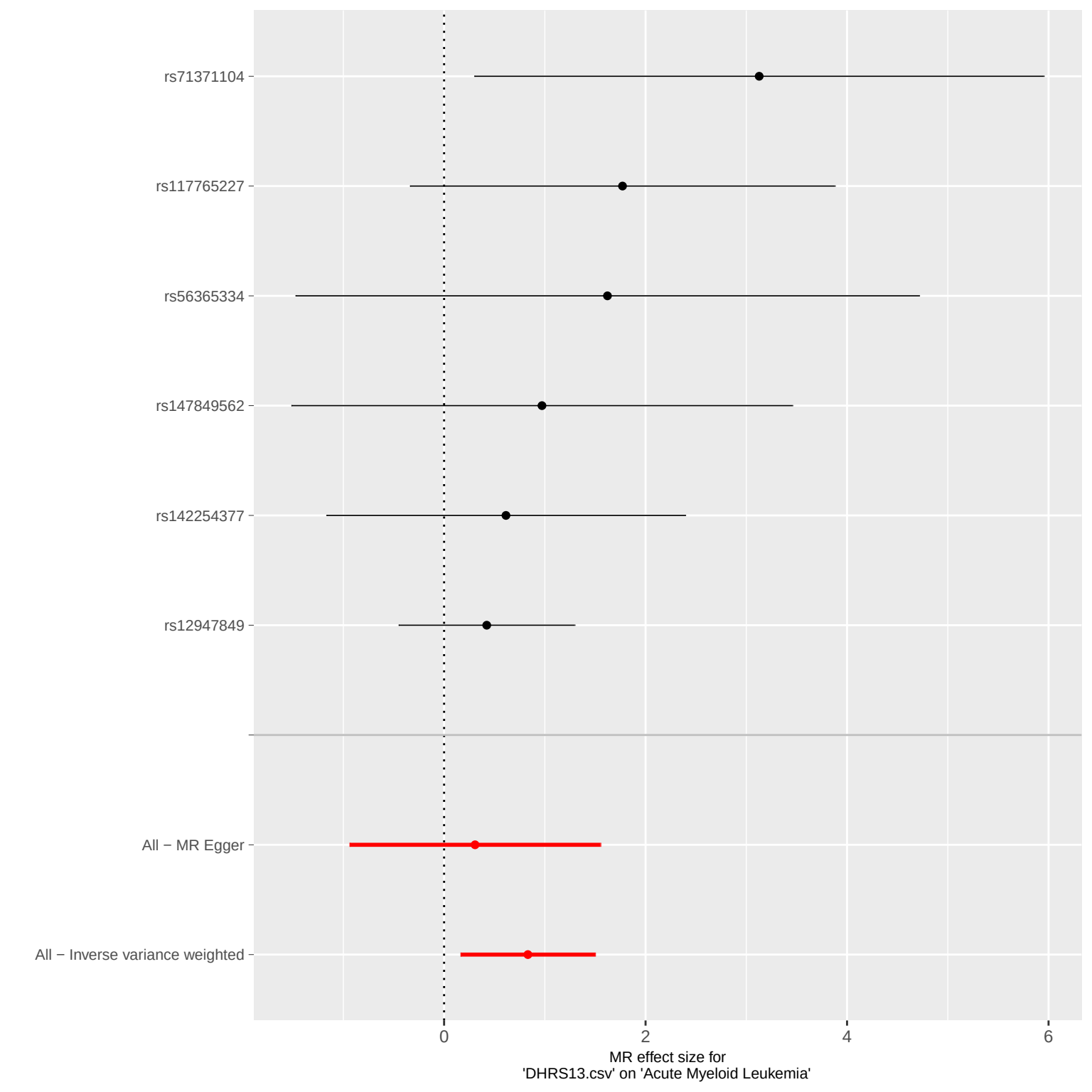
rs7148293
rs72692169
rs75127827
rs2149313
rs28578611
rs34354104
rs117674184
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'DHRS4L2.csv' on 'Acute Myeloid Leukemia'


rs71371104
rs117765227
rs56365334
rs147849562
rs142254377
rs12947849
All − MR Egger
All − Inverse variance weighted
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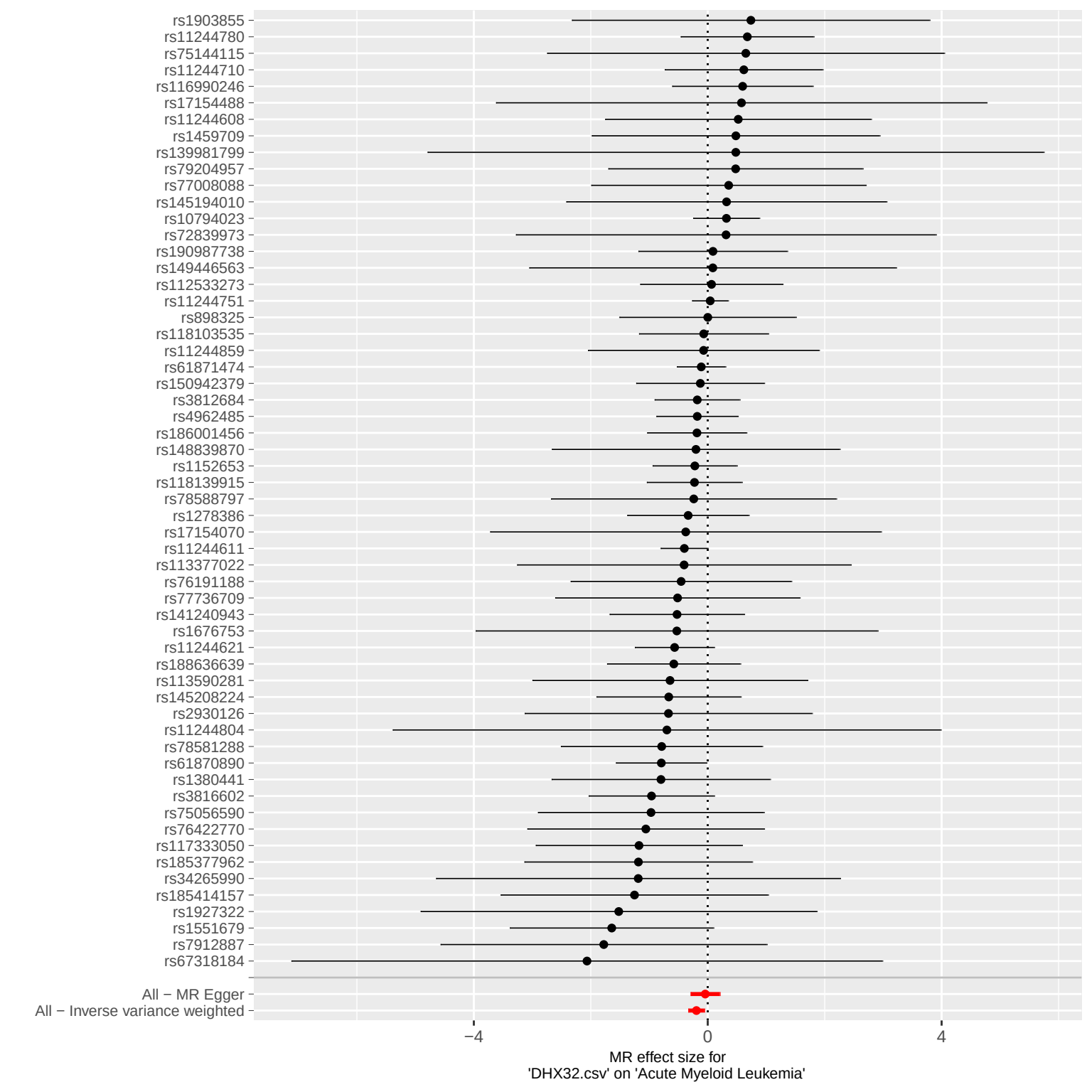
4
6
MR effect size for
'DHRS13.csv' on 'Acute Myeloid Leukemia'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rs34265990
rs185414157
rs1927322
rs1551679
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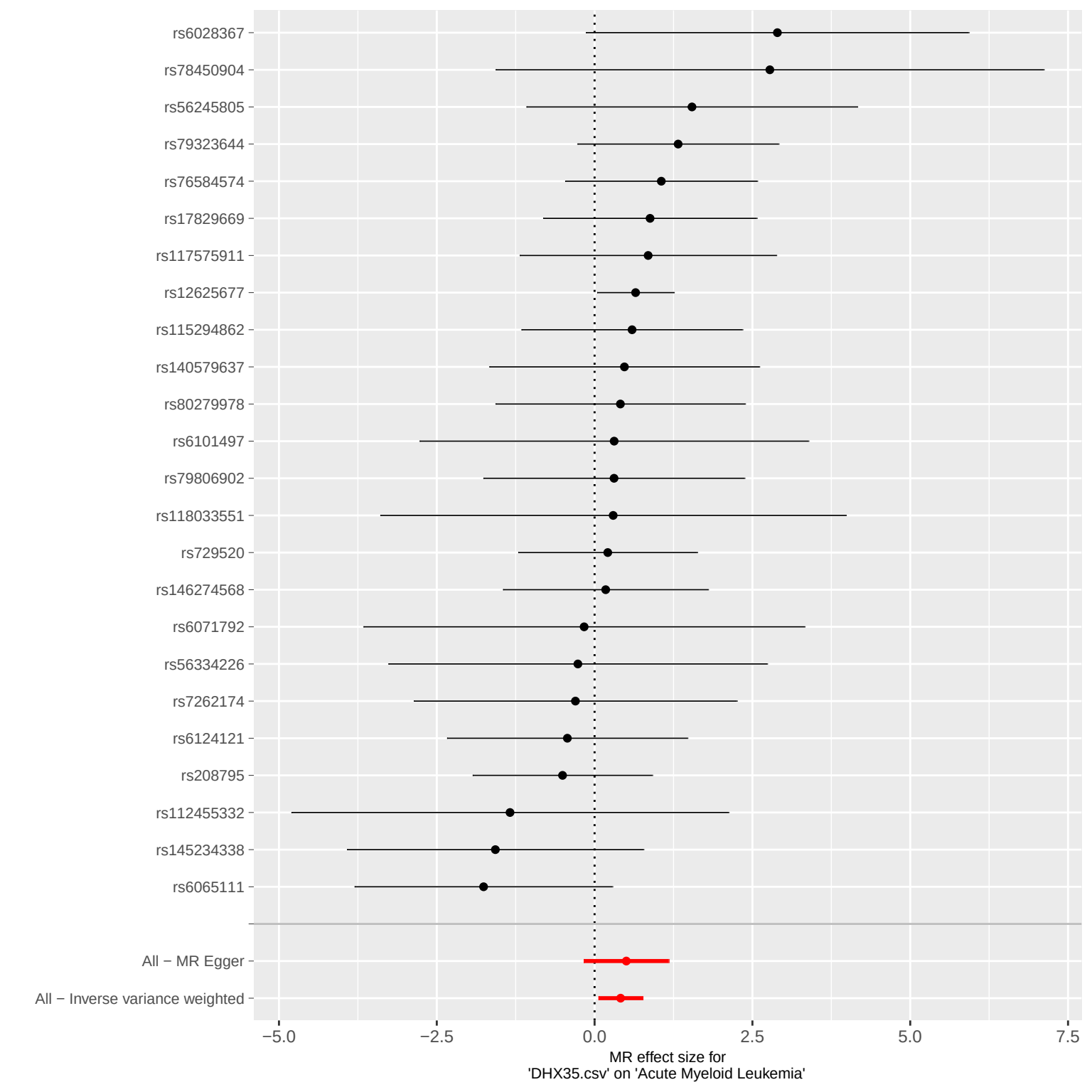
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'DHX32.csv' on 'Acute Myeloid Leukemia'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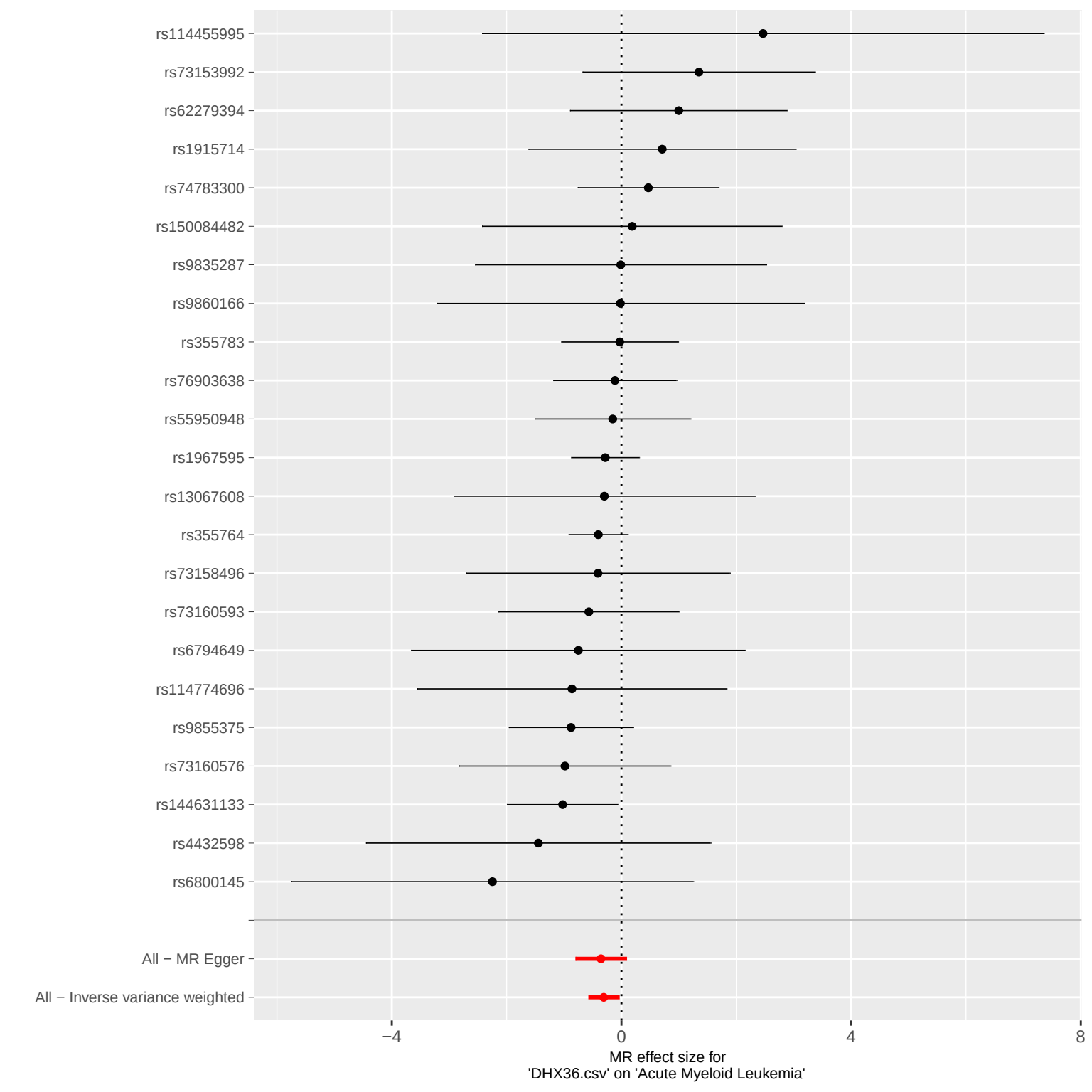
rs6101497
rs79806902
rs118033551
rs729520
rs146274568
rs6071792
rs56334226
rs7262174
rs6124121
rs208795
rs112455332
rs145234338
rs6065111
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'DHX35.csv' on 'Acute Myeloid Leukemia'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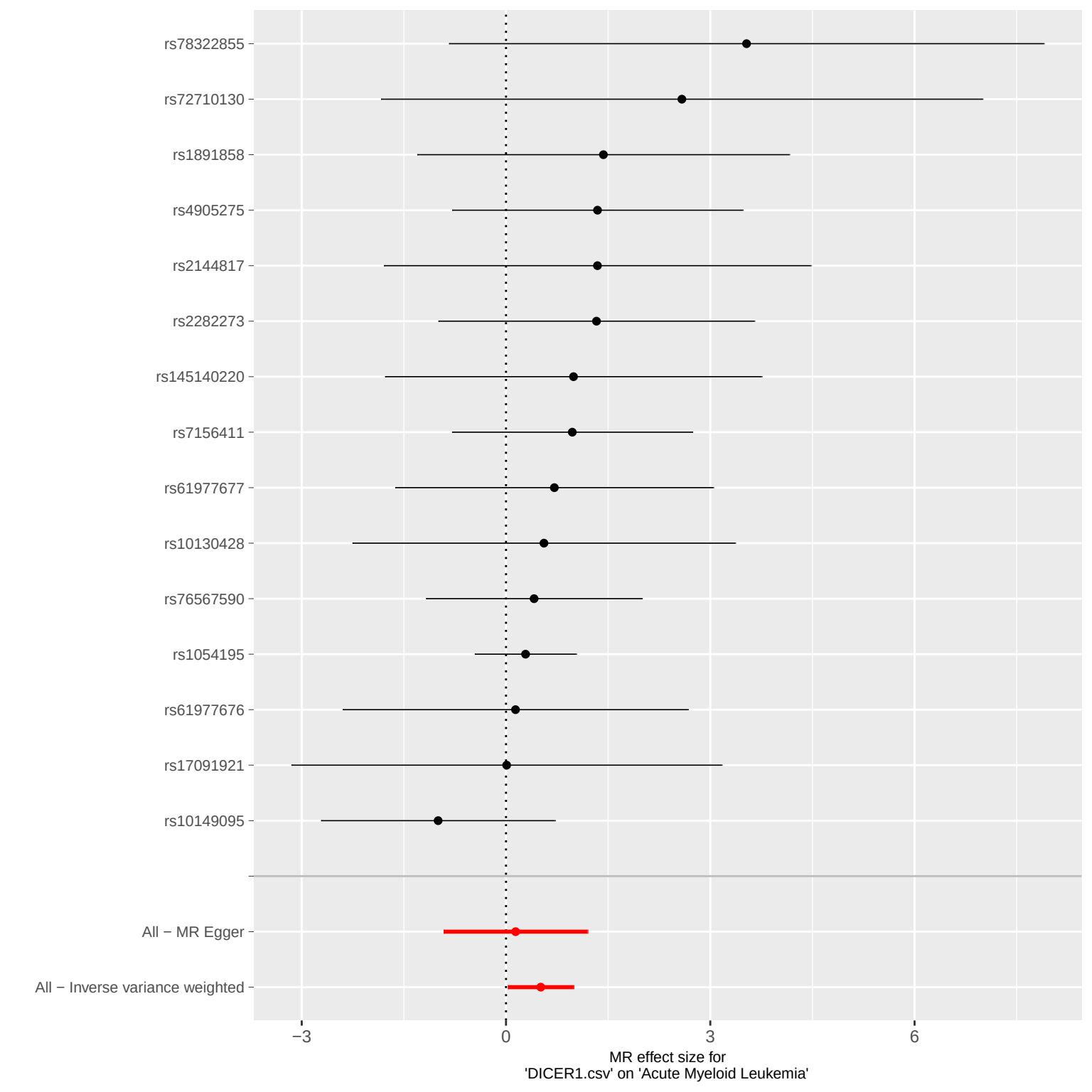
rs114774696
rs9855375
rs73160576
rs144631133
rs4432598
rs6800145
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'DHX36.csv' on 'Acute Myeloid Leukemia'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rs2144817
rs2282273
rs145140220
rs7156411
rs61977677
rs10130428
rs76567590
rs1054195
rs61977676
rs17091921
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All − MR Egger
All − Inverse variance weighted
−3
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3
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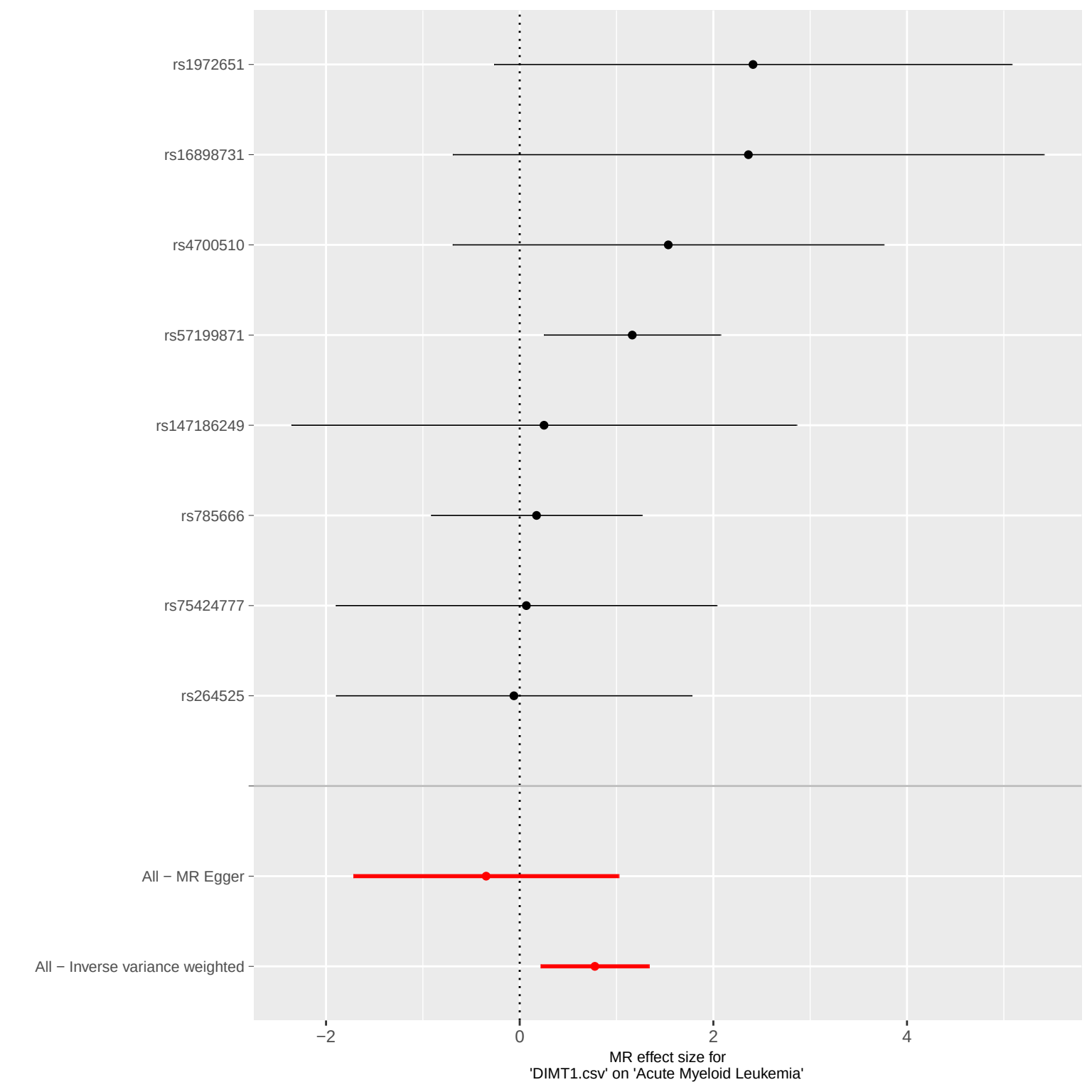
MR effect size for
'DICER1.csv' on 'Acute Myeloid Leukemia'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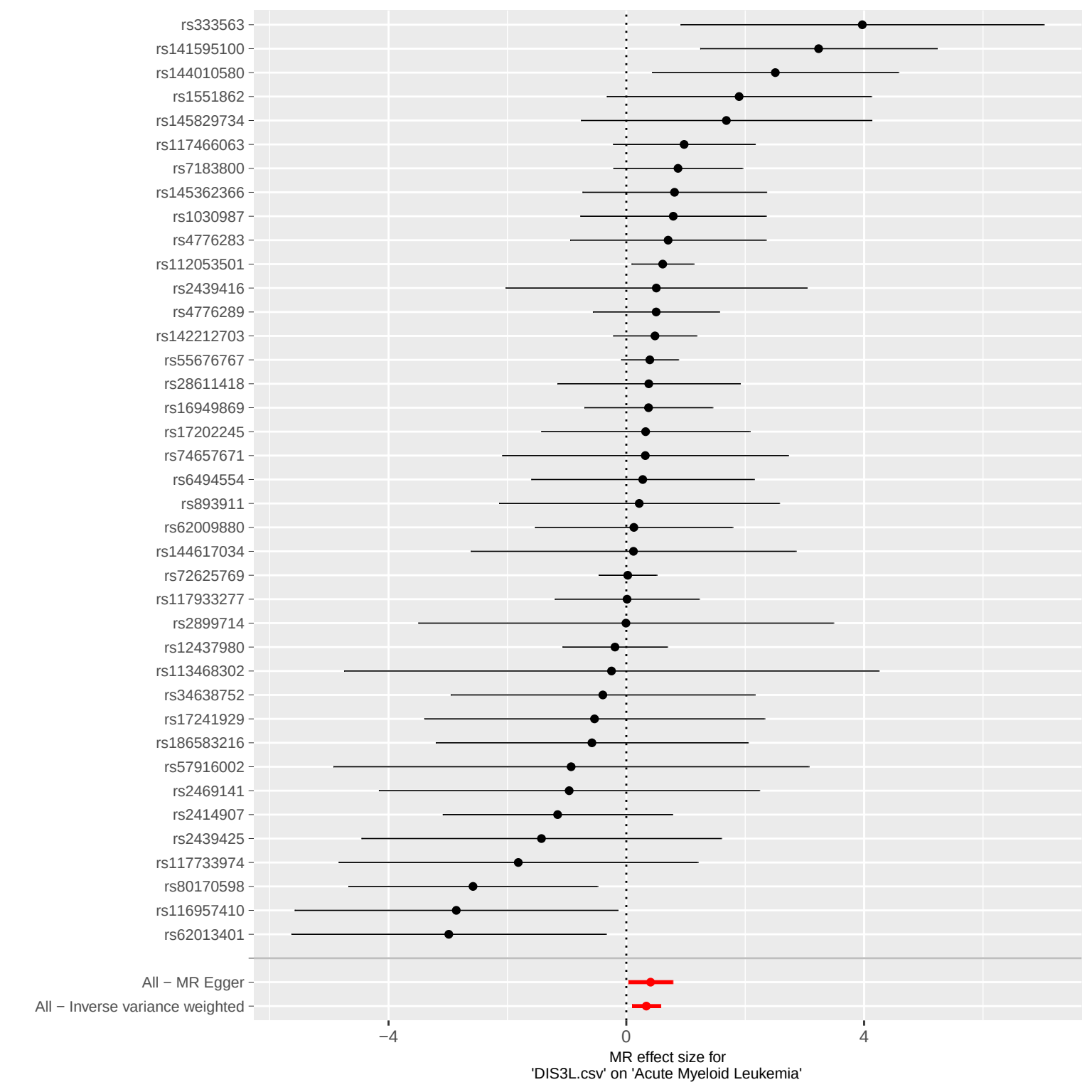
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'DIMT1.csv' on 'Acute Myeloid Leukemia'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rs72625769
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rs2899714
rs12437980
rs113468302
rs34638752
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rs186583216
rs57916002
rs2469141
rs2414907
rs2439425
rs117733974
rs80170598
rs116957410
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All − MR Egger
All − Inverse variance weighted
−4
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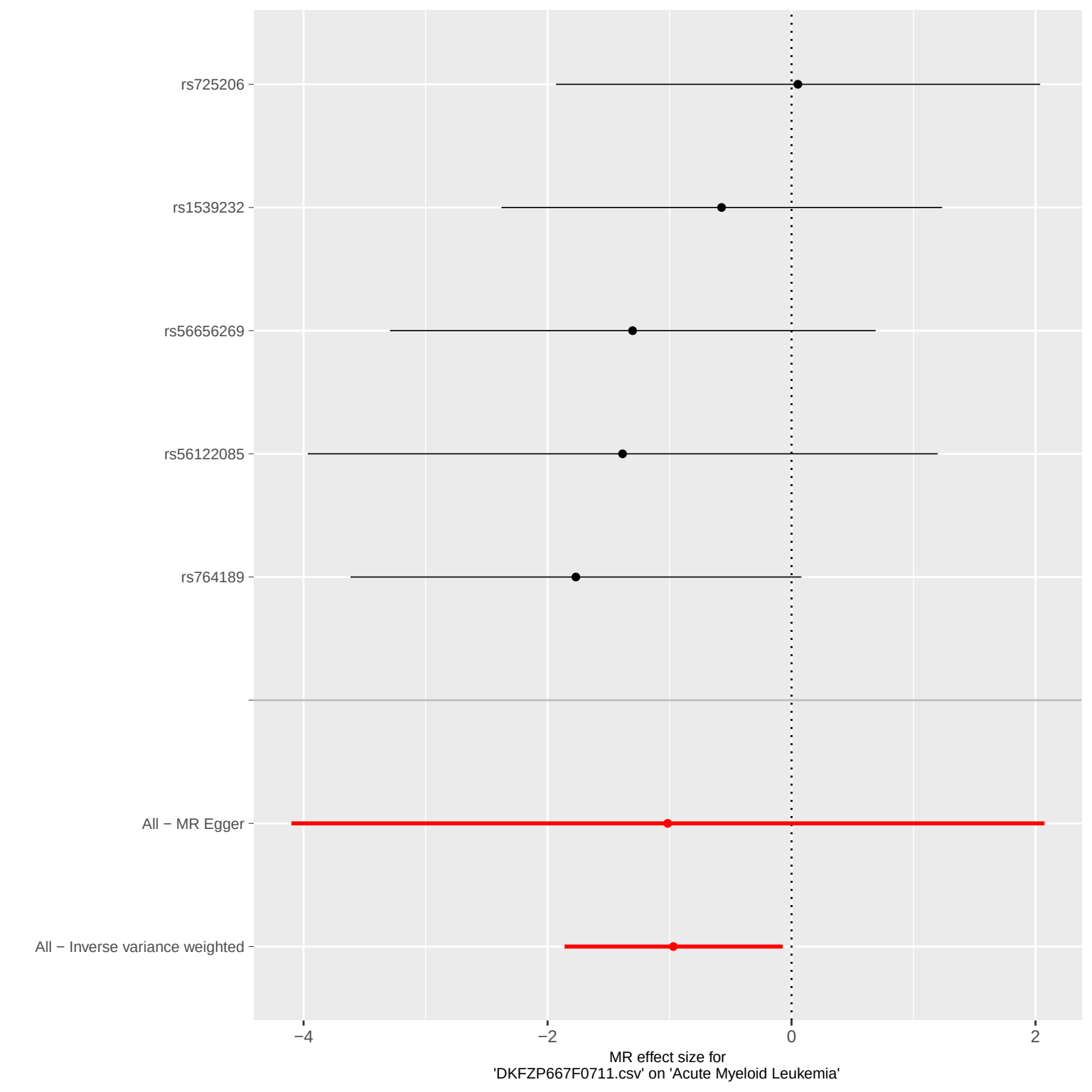
4
MR effect size for
'DIS3L.csv' on 'Acute Myeloid Leukemia'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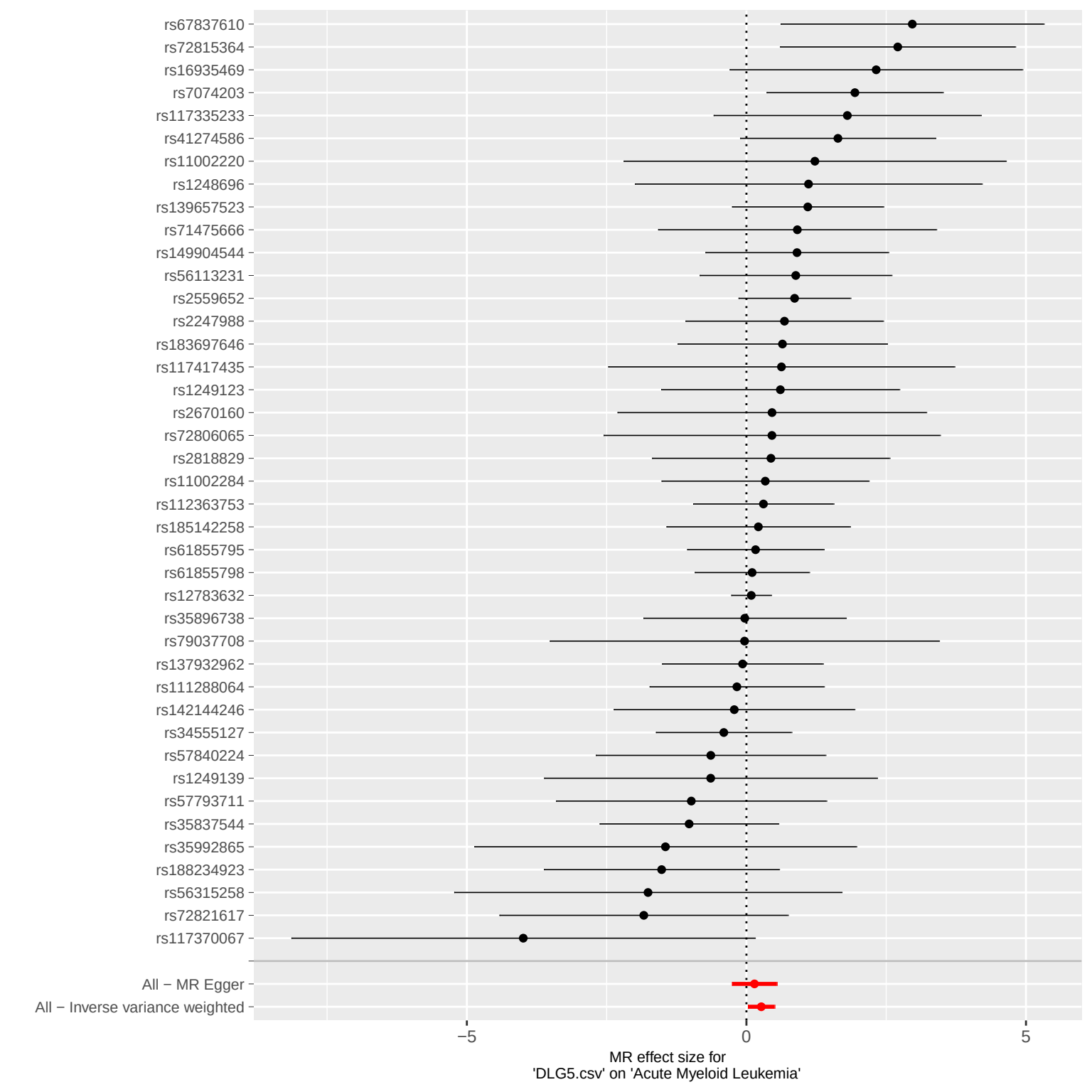
rs56122085
rs764189
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DKFZP667F0711.csv' on 'Acute Myeloid Leukemia'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rs72821617
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All − MR Egger
All − Inverse variance weighted
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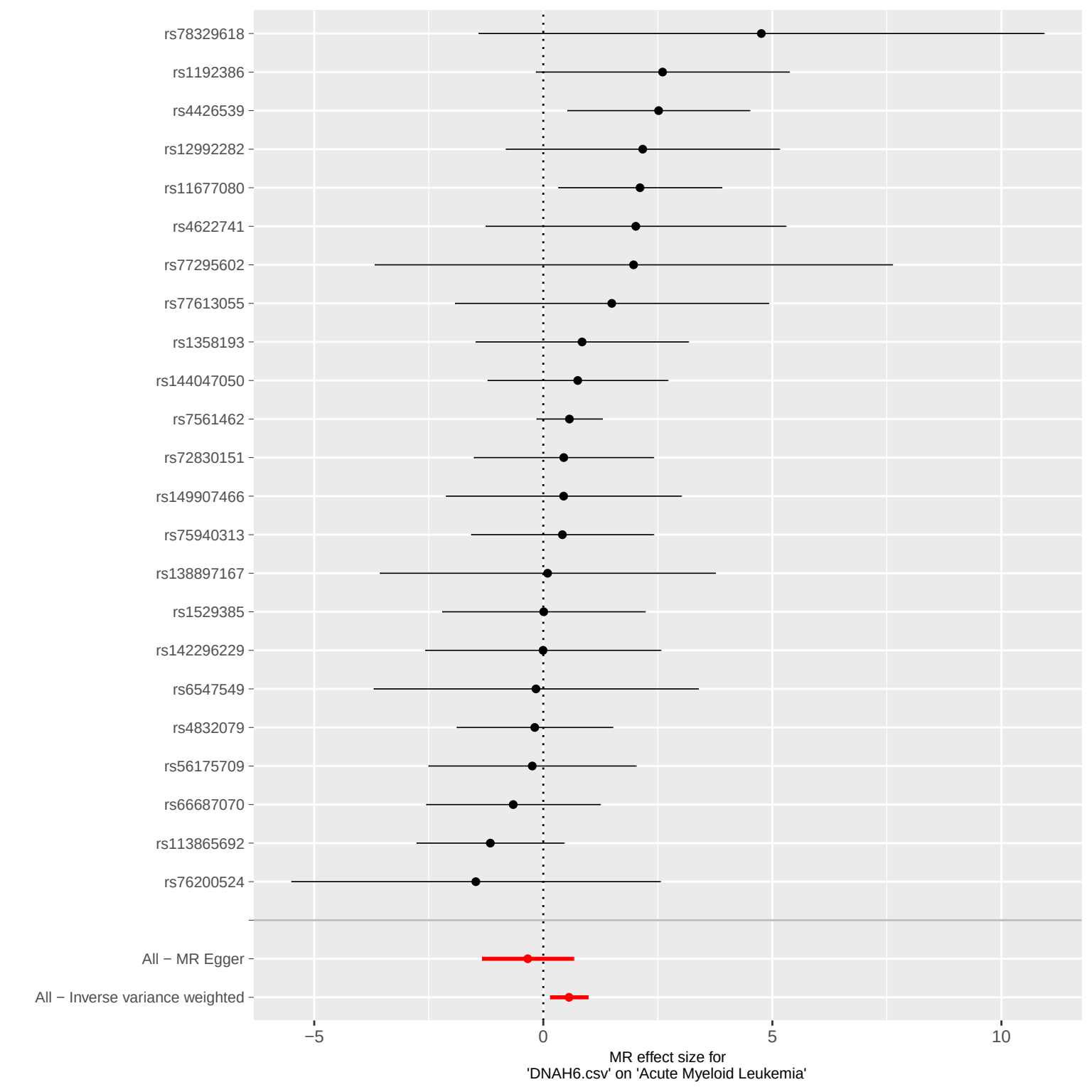
5
MR effect size for
'DLG5.csv' on 'Acute Myeloid Leukemia'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rs72830151
rs149907466
rs75940313
rs138897167
rs1529385
rs142296229
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rs4832079
rs56175709
rs66687070
rs113865692
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All − MR Egger
All − Inverse variance weighted
−5
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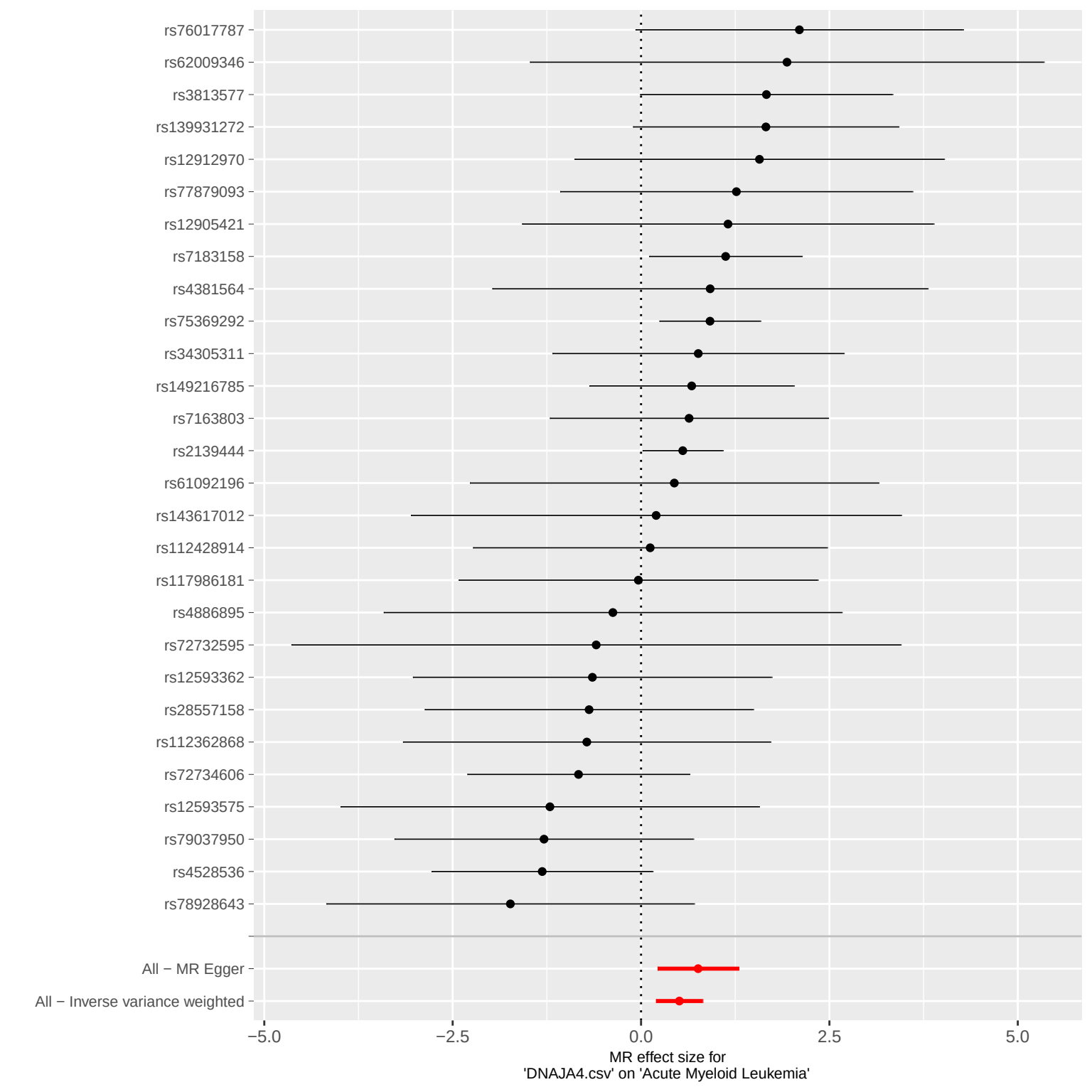
5
10
MR effect size for
'DNAH6.csv' on 'Acute Myeloid Leukemia'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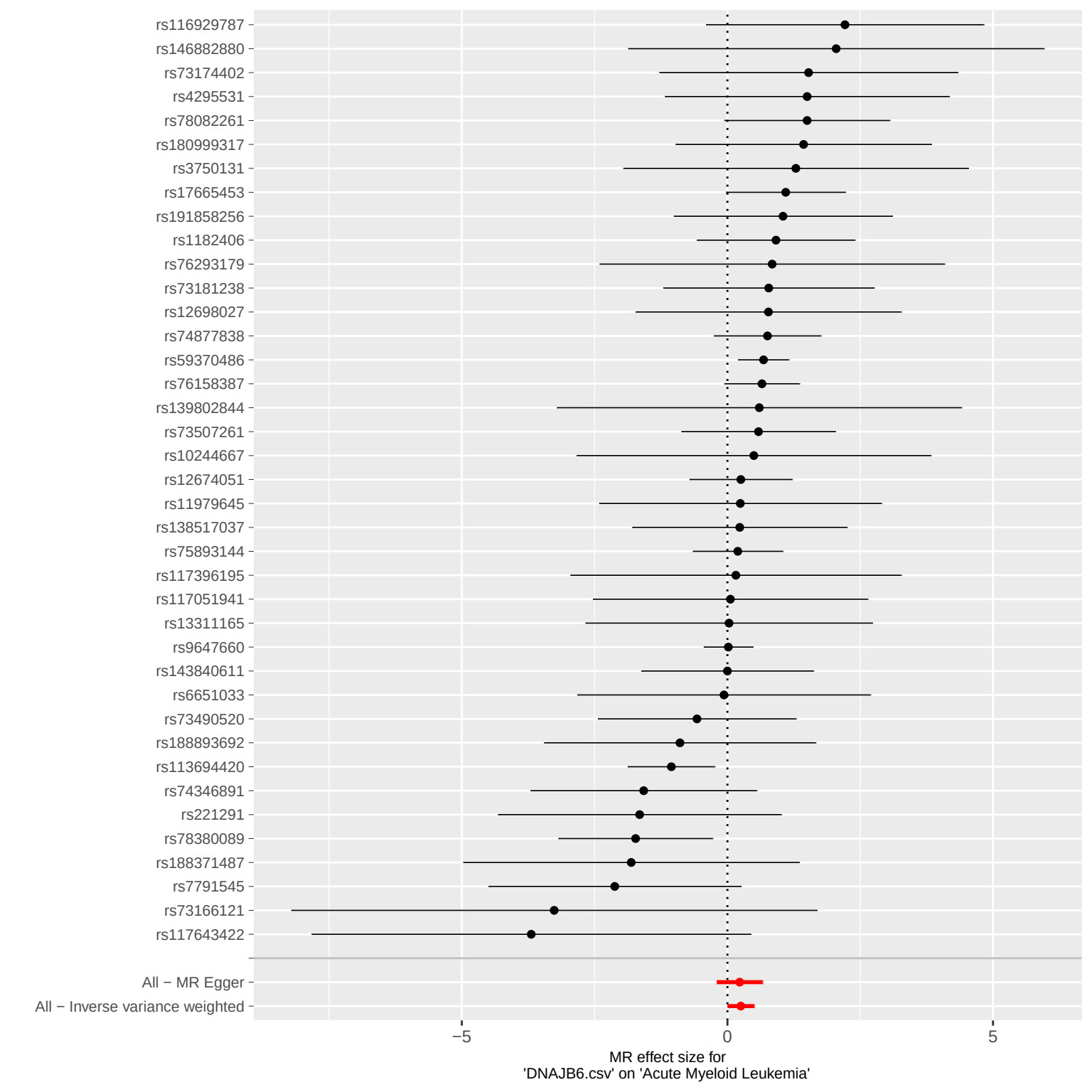
rs12593575
rs79037950
rs4528536
rs78928643
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'DNAJA4.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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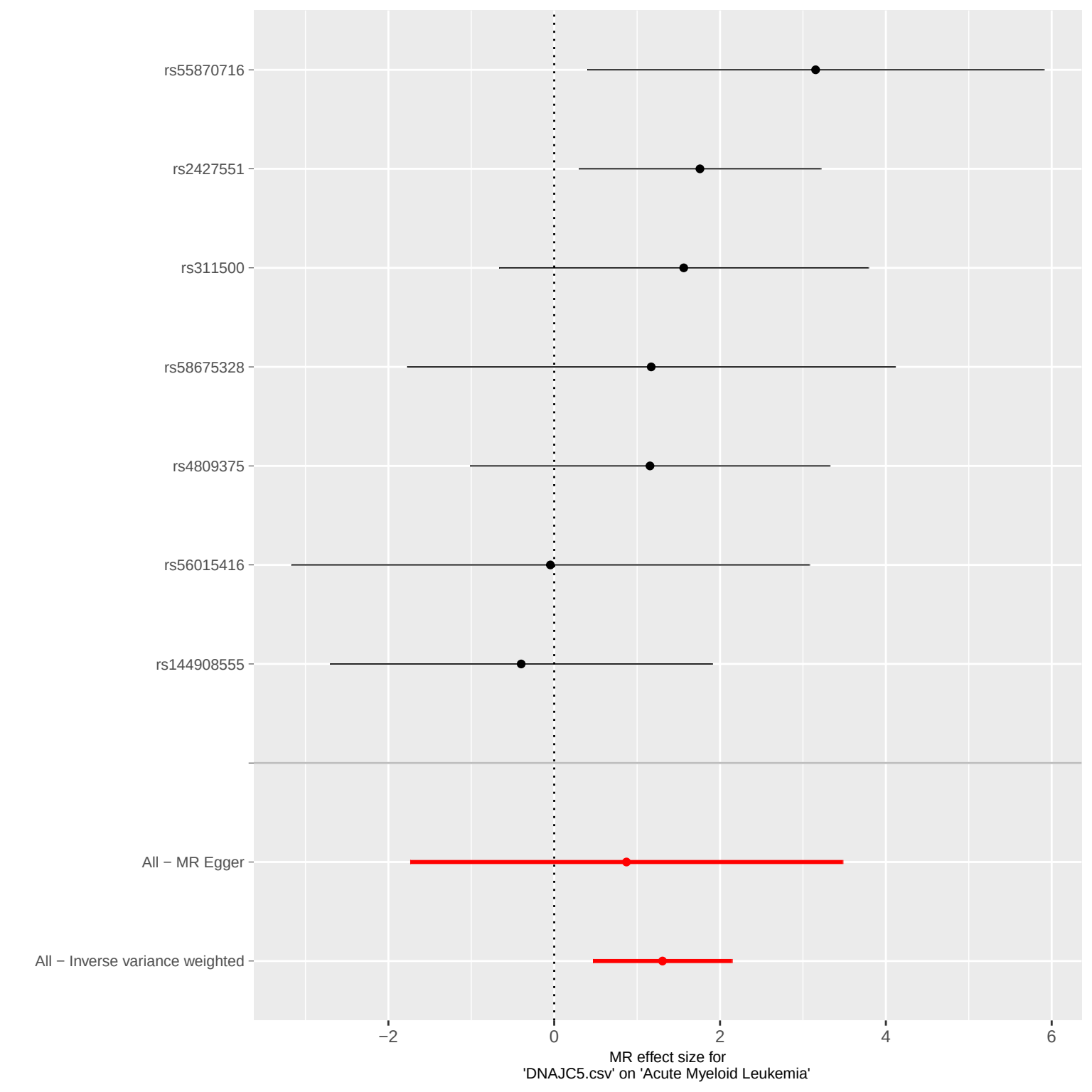
0
5
MR effect size for
'DNAJB6.csv' on 'Acute Myeloid Leukemia'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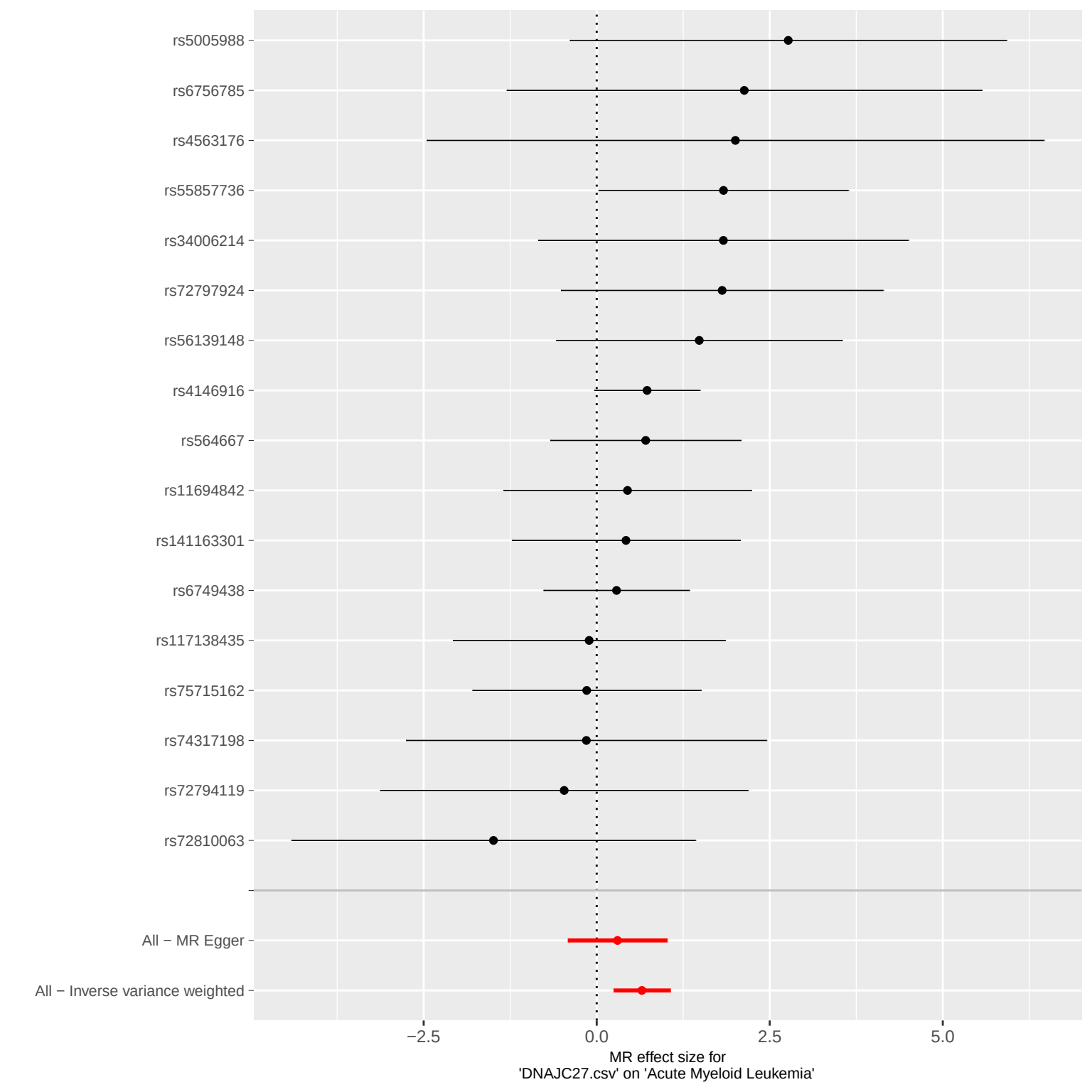
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'DNAJC5.csv' on 'Acute Myeloid Leukemia'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rs564667
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rs75715162
rs74317198
rs72794119
rs72810063
All − MR Egger
All − Inverse variance weighted
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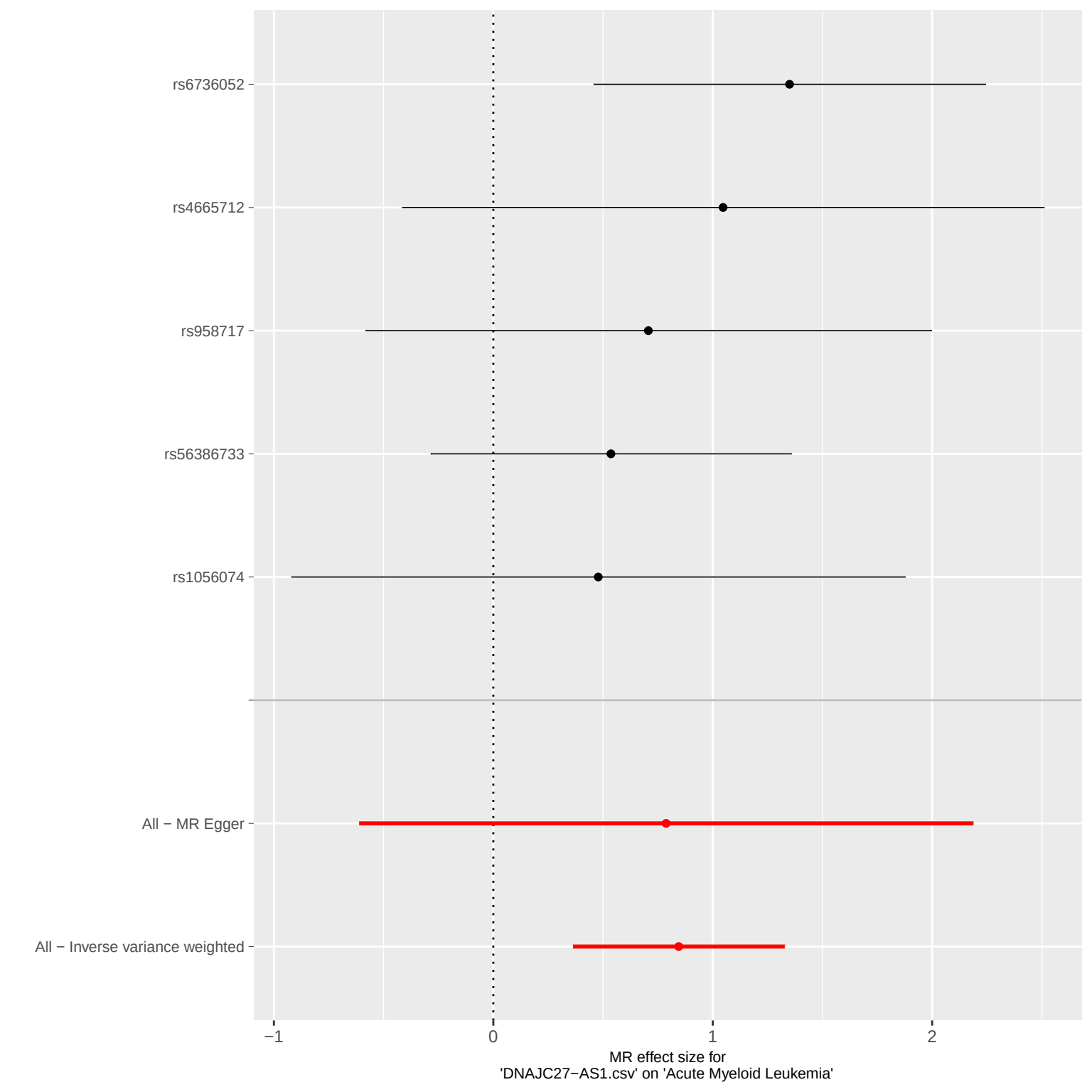
0.0
2.5
5.0
MR effect size for
'DNAJC27.csv' on 'Acute Myeloid Leukemia'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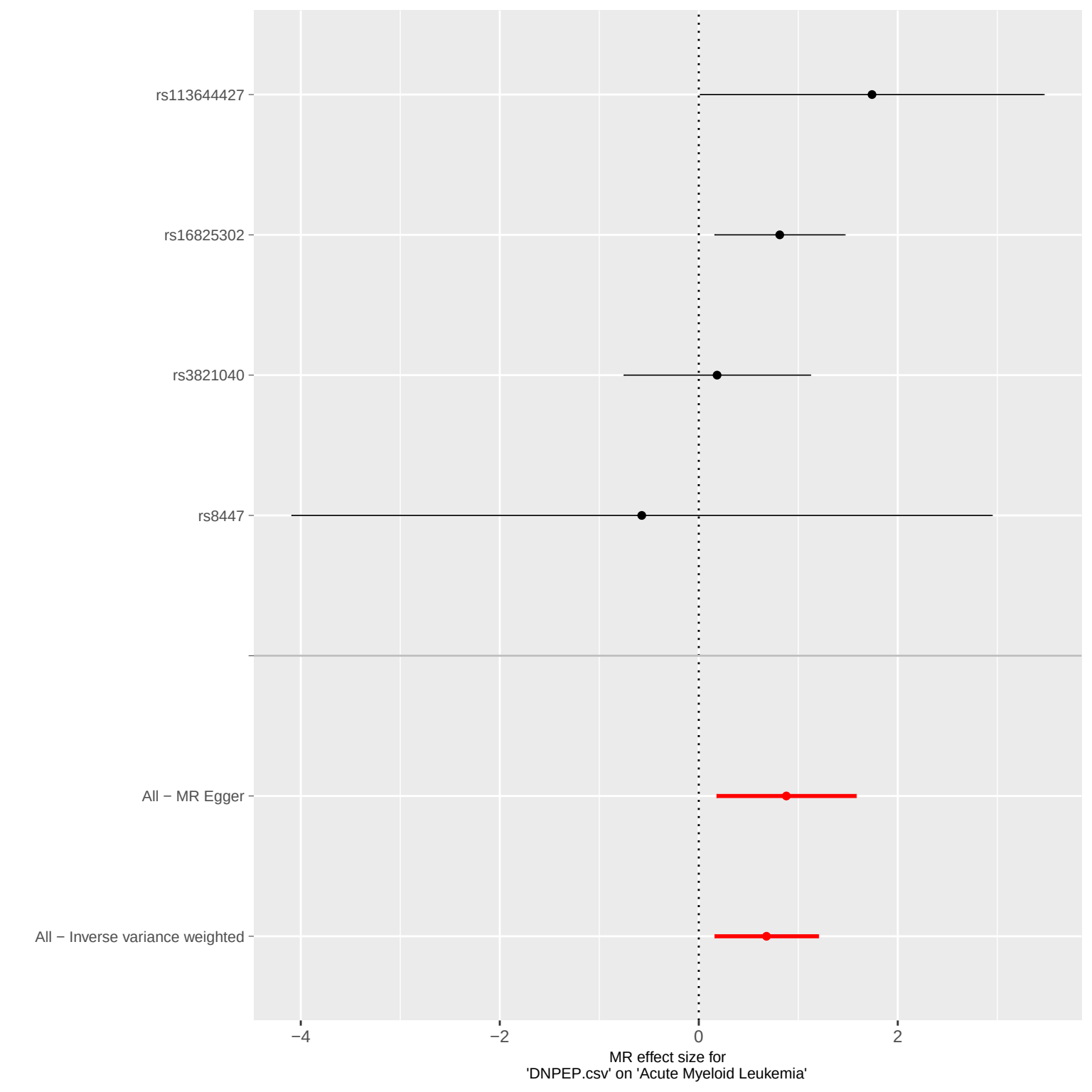
rs958717
rs56386733
rs1056074
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'DNAJC27−AS1.csv' on 'Acute Myeloid Leukemia'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rs16825302
rs3821040
rs8447
All − MR Egger
All − Inverse variance weighted
−4
−2
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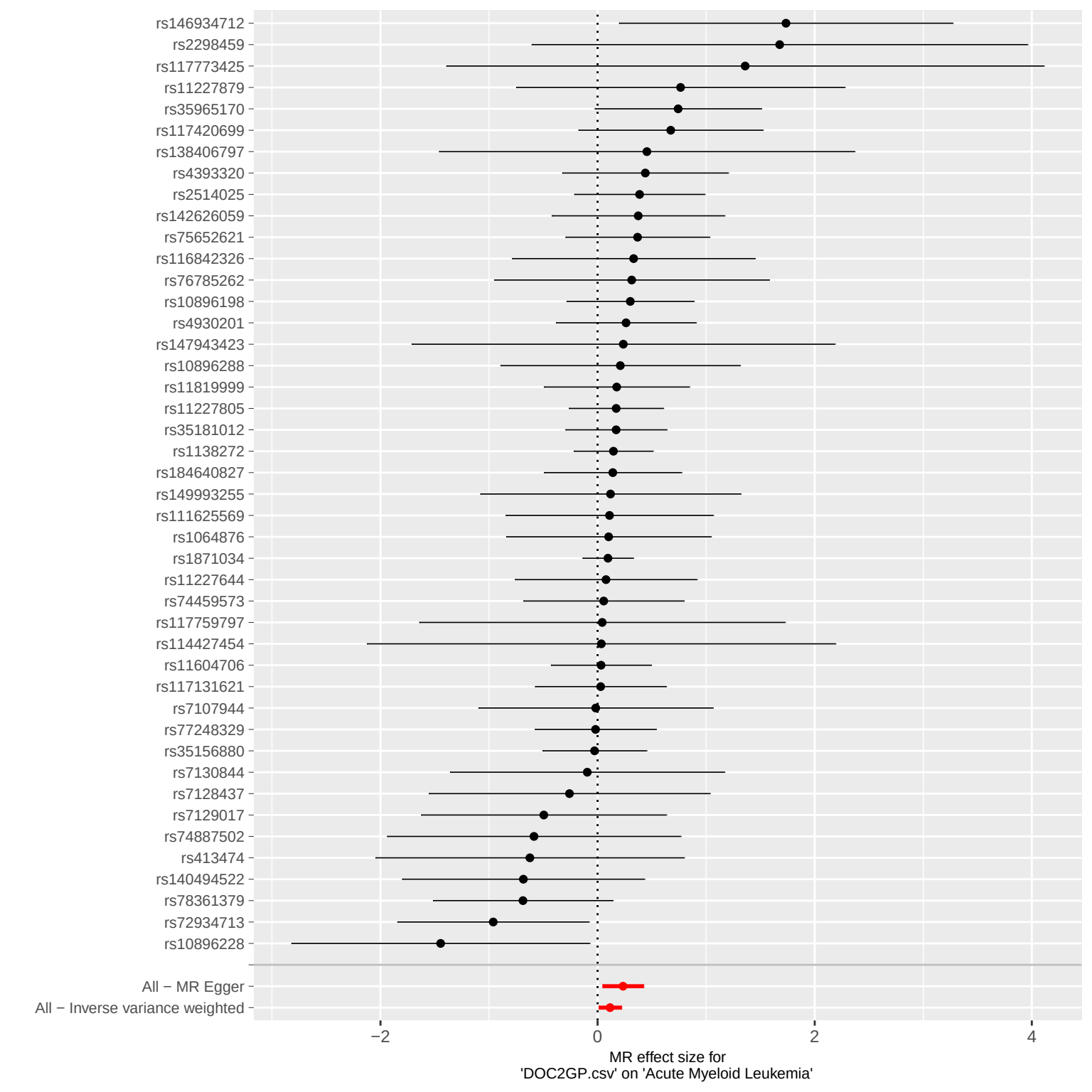
MR effect size for
'DNPEP.csv' on 'Acute Myeloid Leukemia'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rs7130844
rs7128437
rs7129017
rs74887502
rs413474
rs140494522
rs78361379
rs72934713
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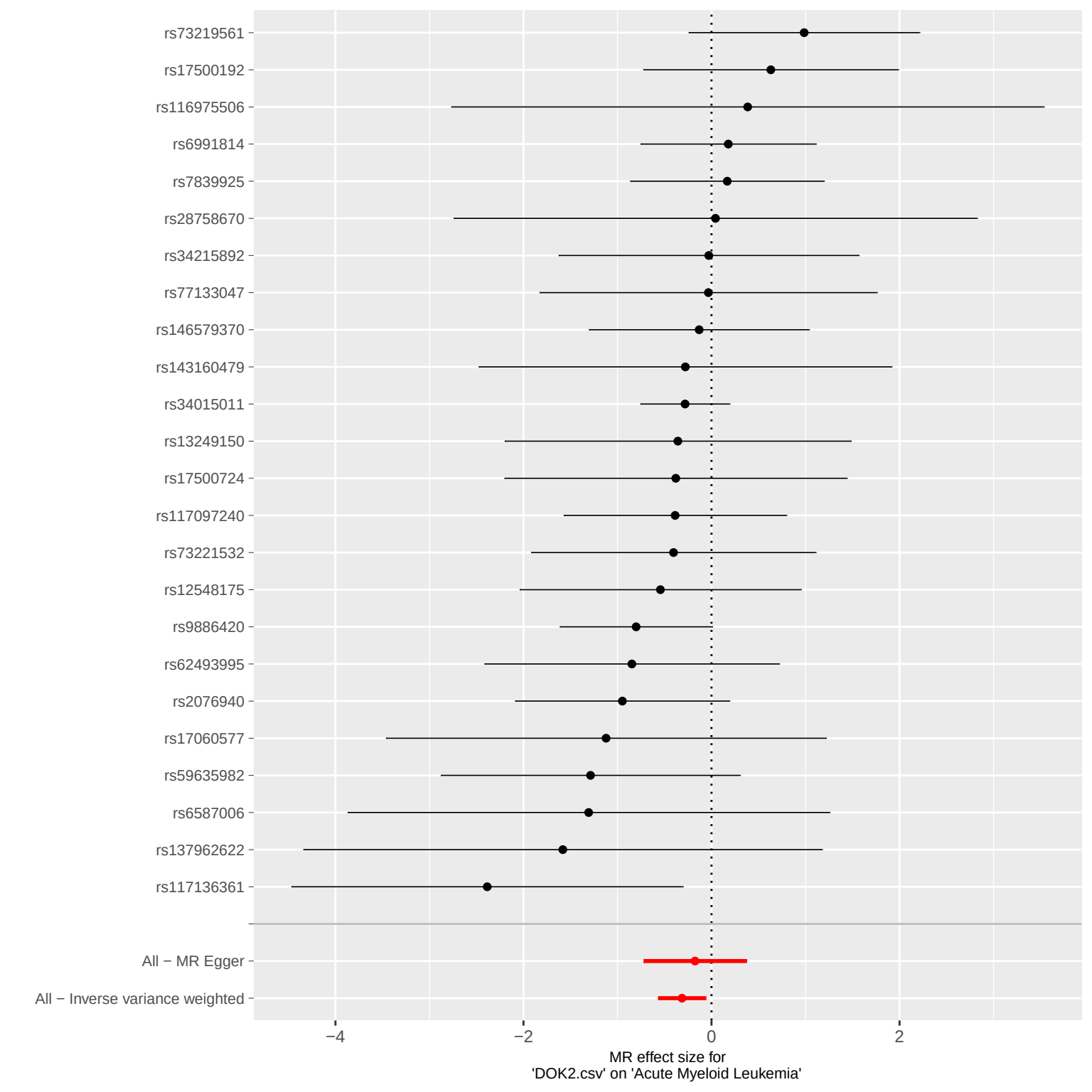
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'DOC2GP.csv' on 'Acute Myeloid Leukemia'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rs9886420
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rs17060577
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rs137962622
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All − MR Egger
All − Inverse variance weighted
−4
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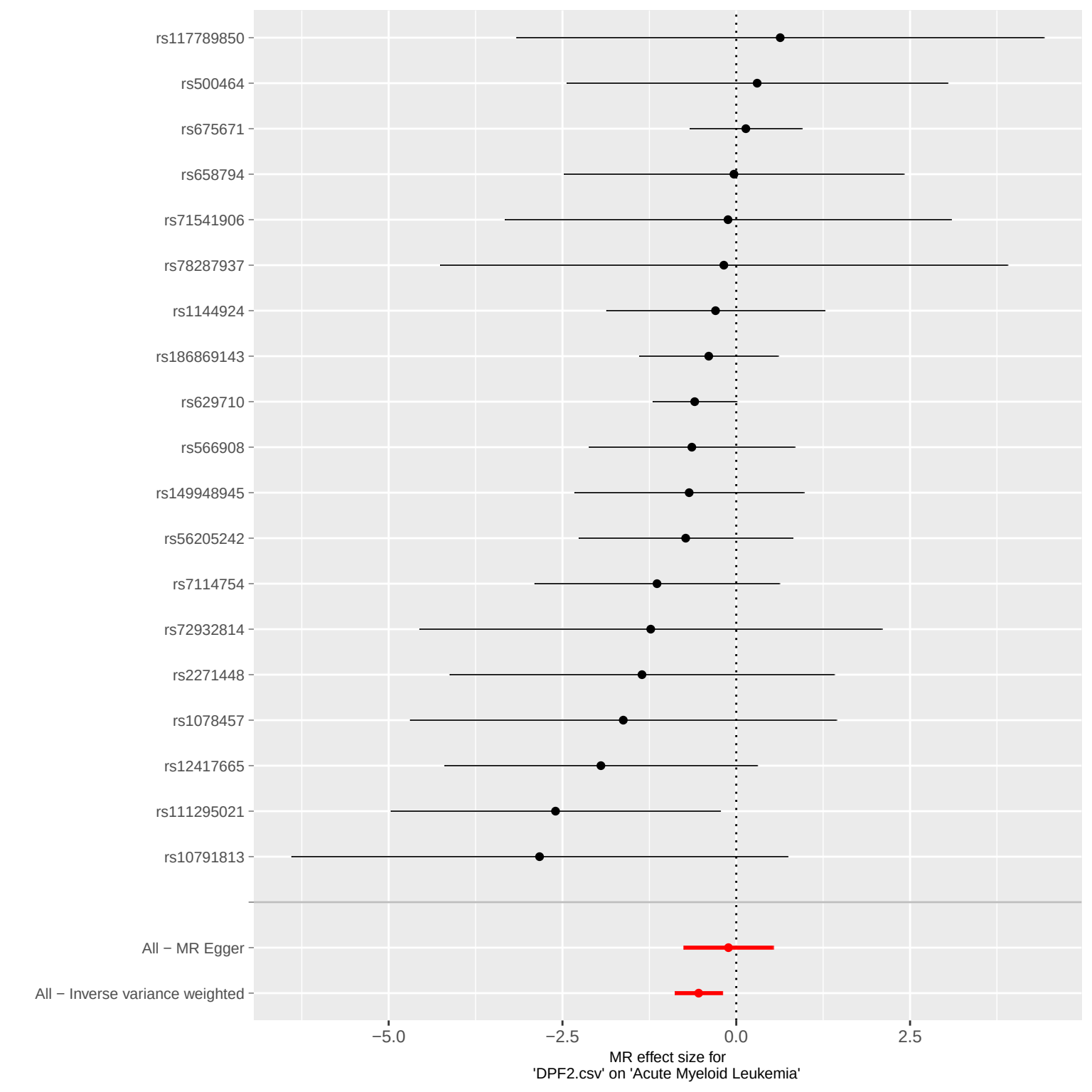
MR effect size for
'DOK2.csv' on 'Acute Myeloid Leukemia'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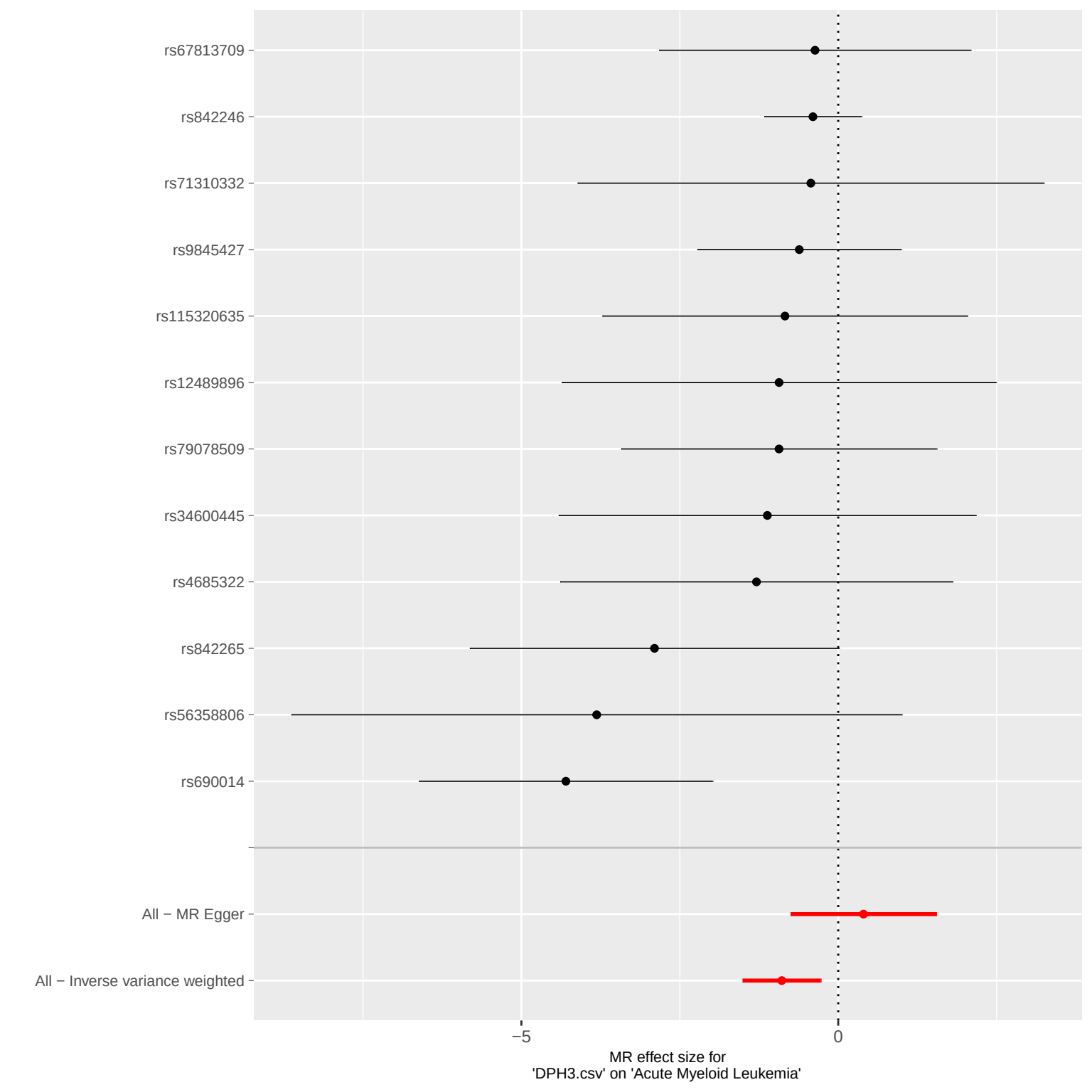
rs72932814
rs2271448
rs1078457
rs12417665
rs111295021
rs10791813
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'DPF2.csv' on 'Acute Myeloid Leukemia'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rs842265
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All − MR Egger
All − Inverse variance weighted
−5
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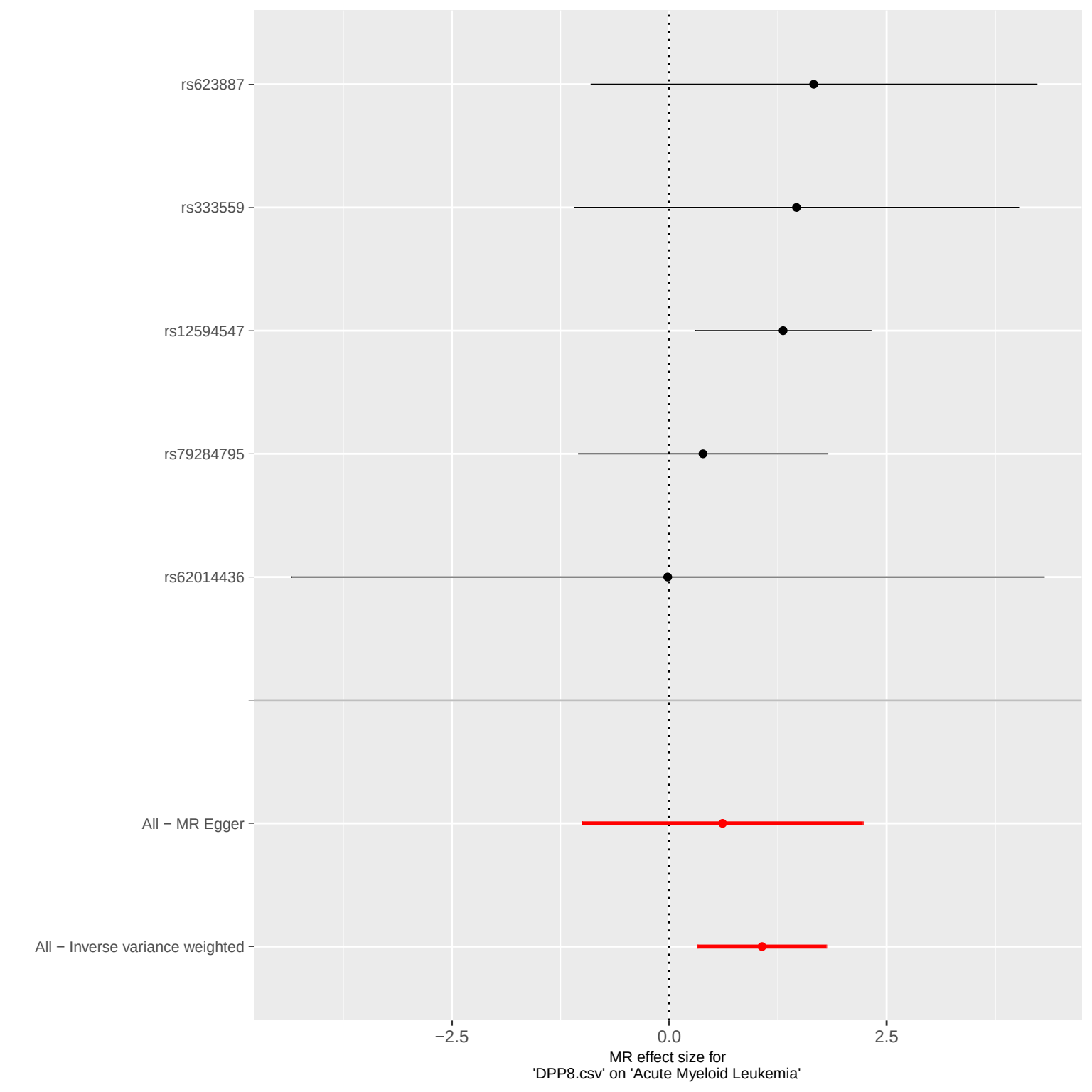
MR effect size for
'DPH3.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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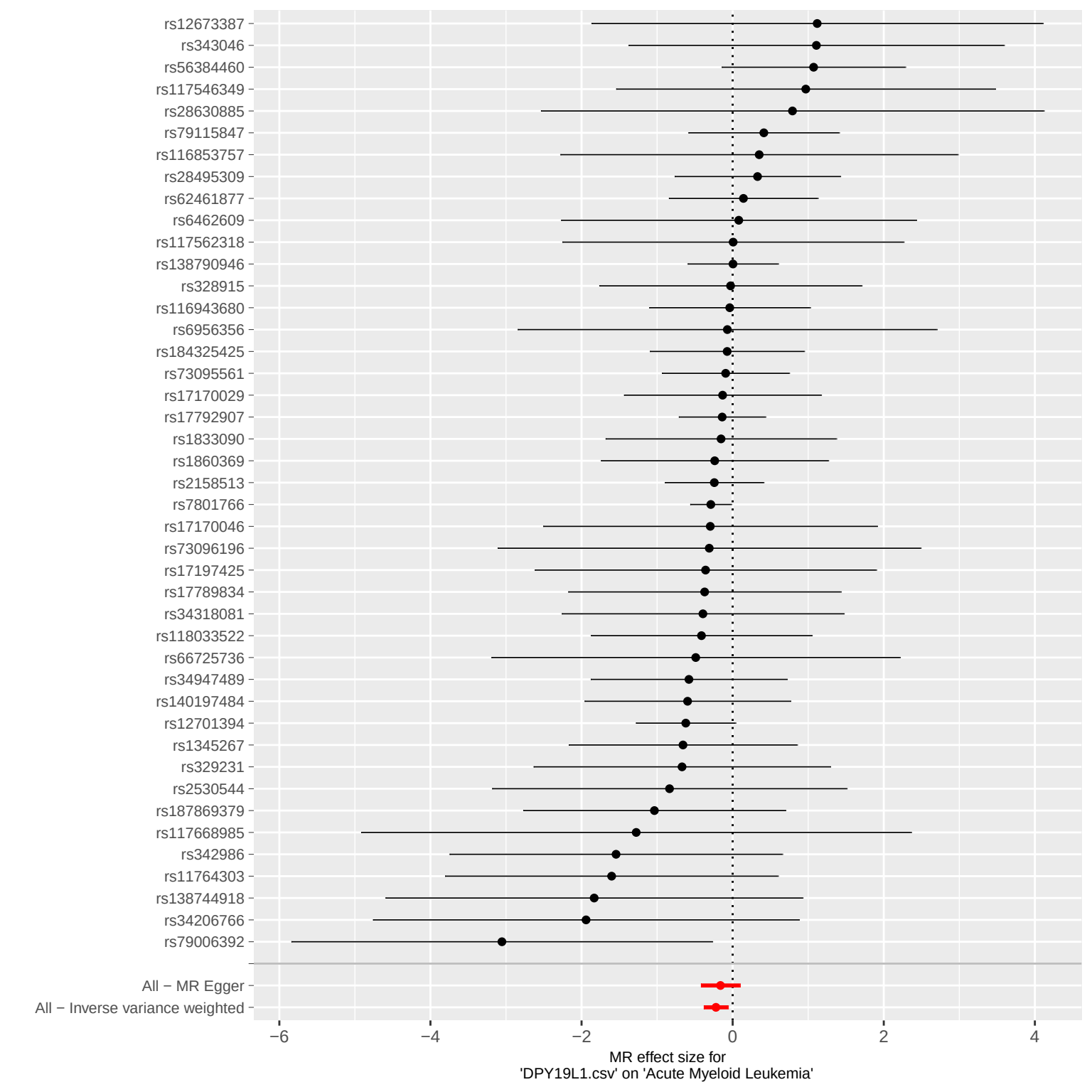
0.0
2.5
MR effect size for
'DPP8.csv' on 'Acute Myeloid Leukemia'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rs1345267
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rs34206766
rs79006392
All − MR Egger
All − Inverse variance weighted
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−4
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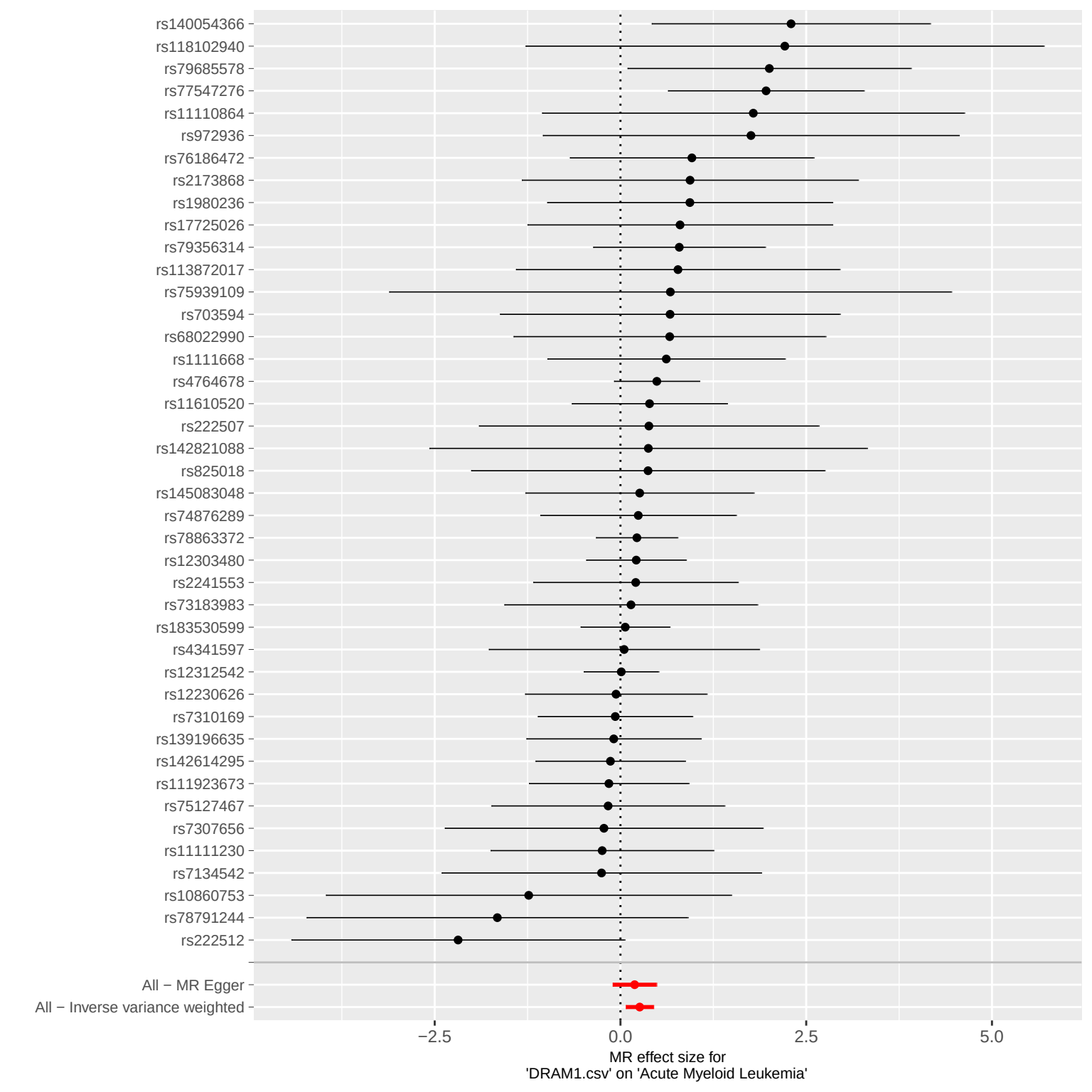
MR effect size for
'DPY19L1.csv' on 'Acute Myeloid Leukemia'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rs139196635
rs142614295
rs111923673
rs75127467
rs7307656
rs11111230
rs7134542
rs10860753
rs78791244
rs222512
All − MR Egger
All − Inverse variance weighted
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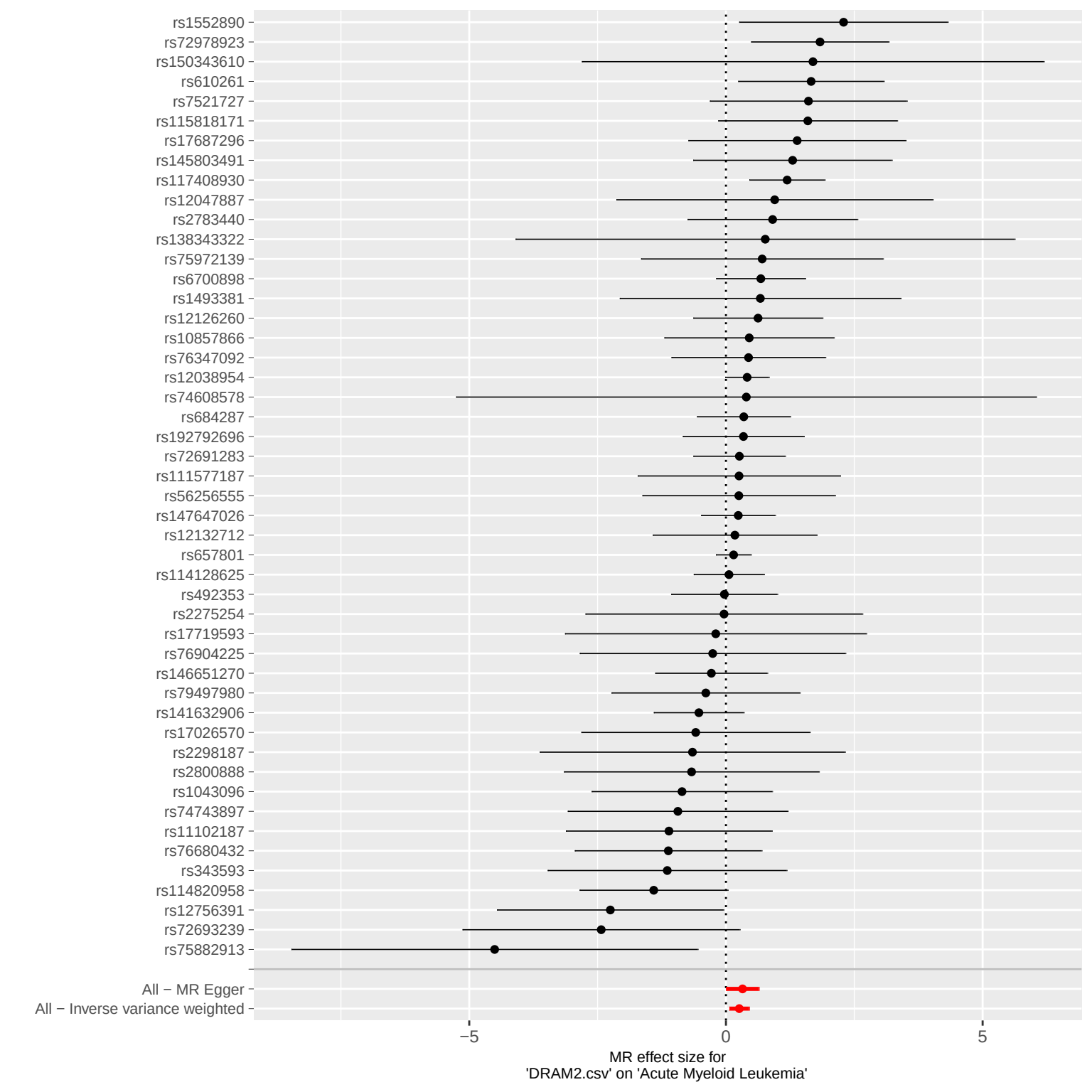
0.0
2.5
5.0
MR effect size for
'DRAM1.csv' on 'Acute Myeloid Leukemia'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rs76680432
rs343593
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rs12756391
rs72693239
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All − MR Egger
All − Inverse variance weighted
−5
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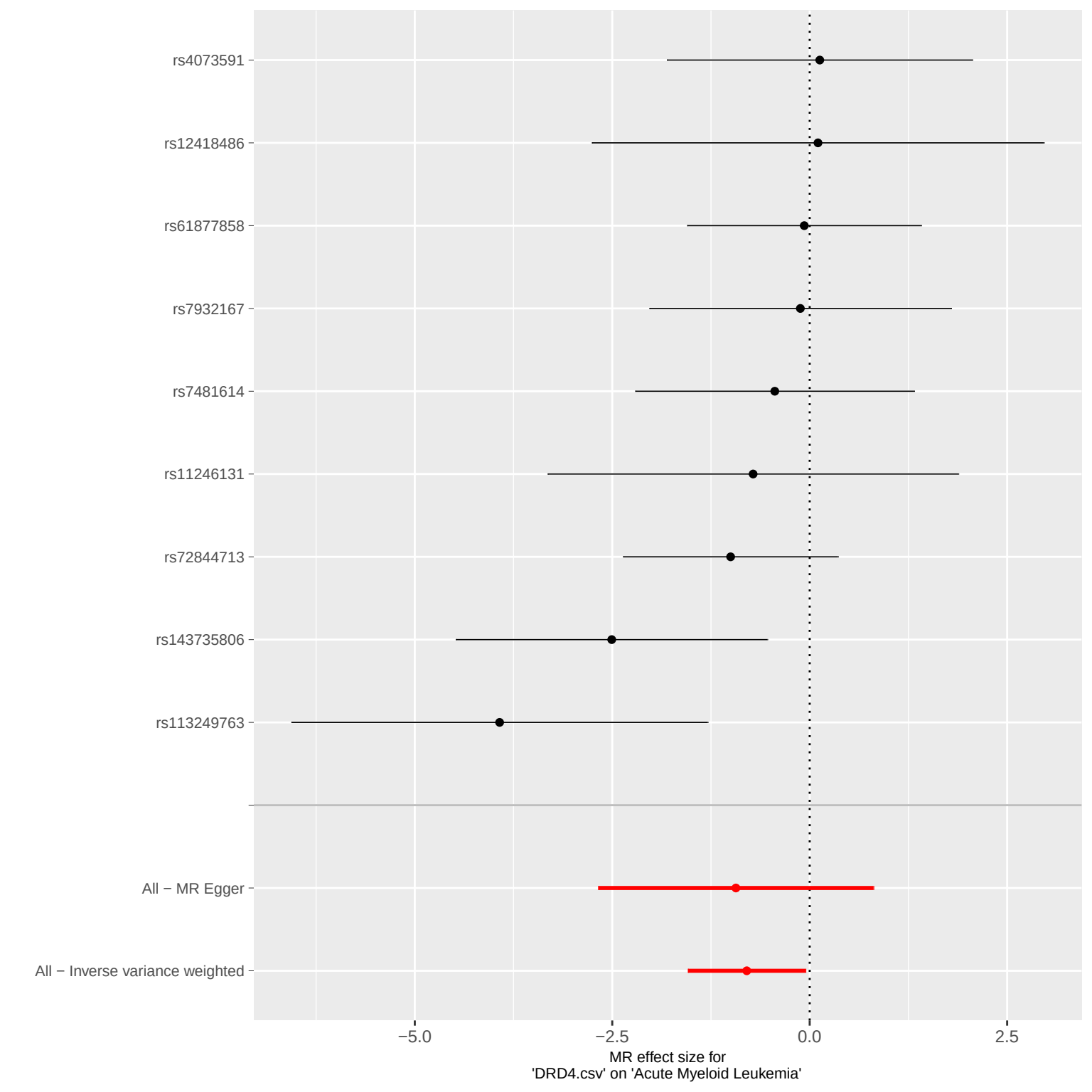
MR effect size for
'DRAM2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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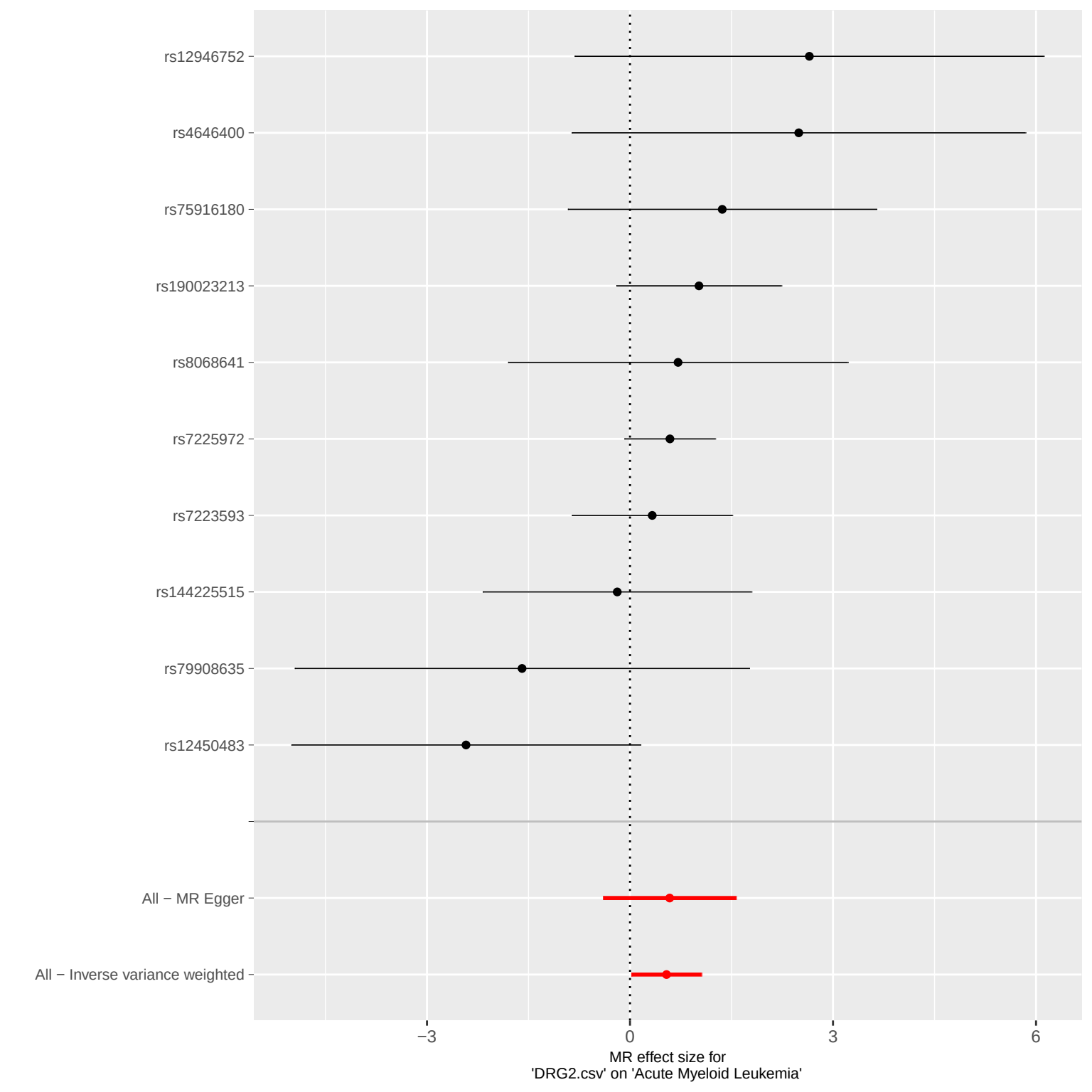
−2.5
0.0
2.5
MR effect size for
'DRD4.csv' on 'Acute Myeloid Leukemia'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rs79908635
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All − MR Egger
All − Inverse variance weighted
−3
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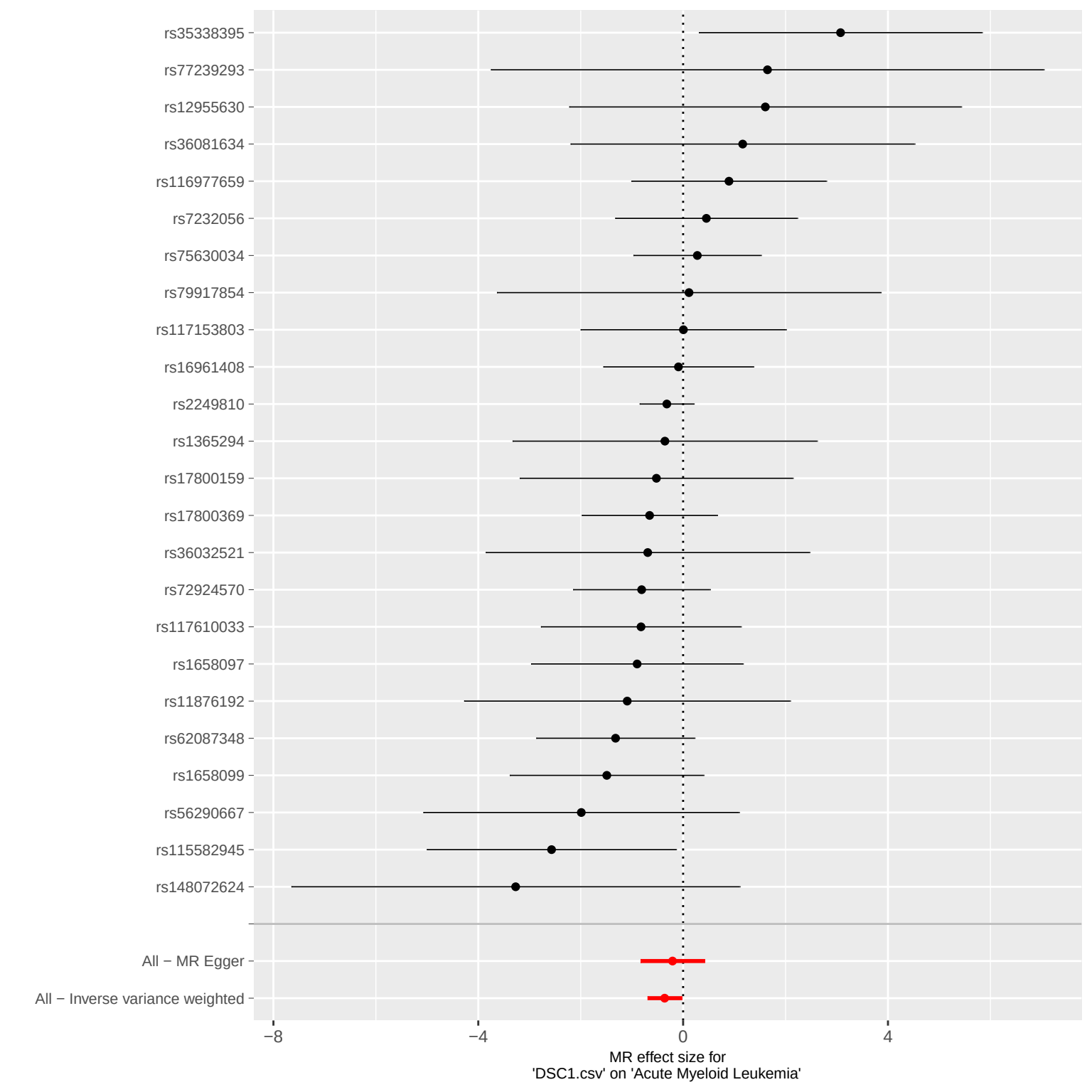
3
6
MR effect size for
'DRG2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−4
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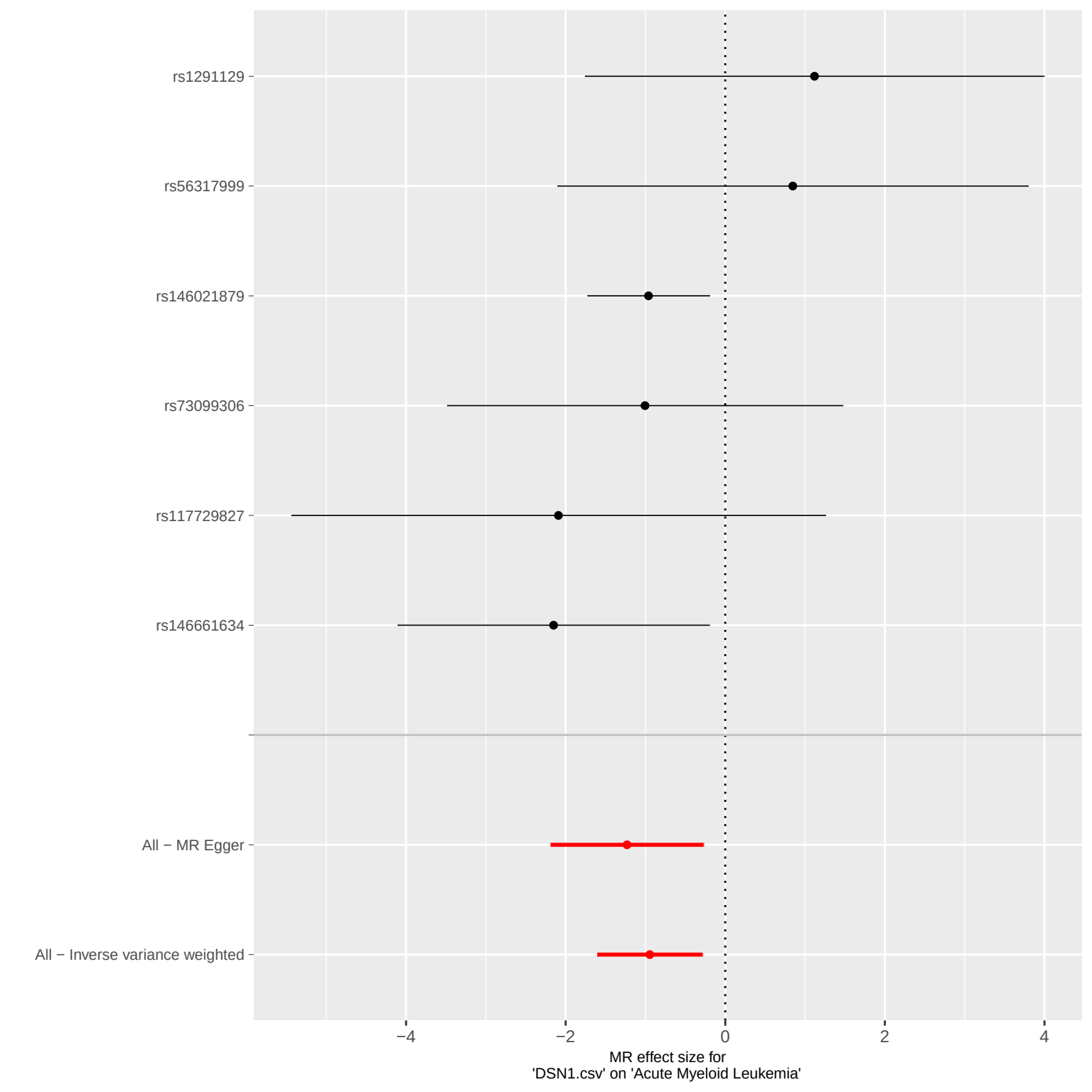
4
MR effect size for
'DSC1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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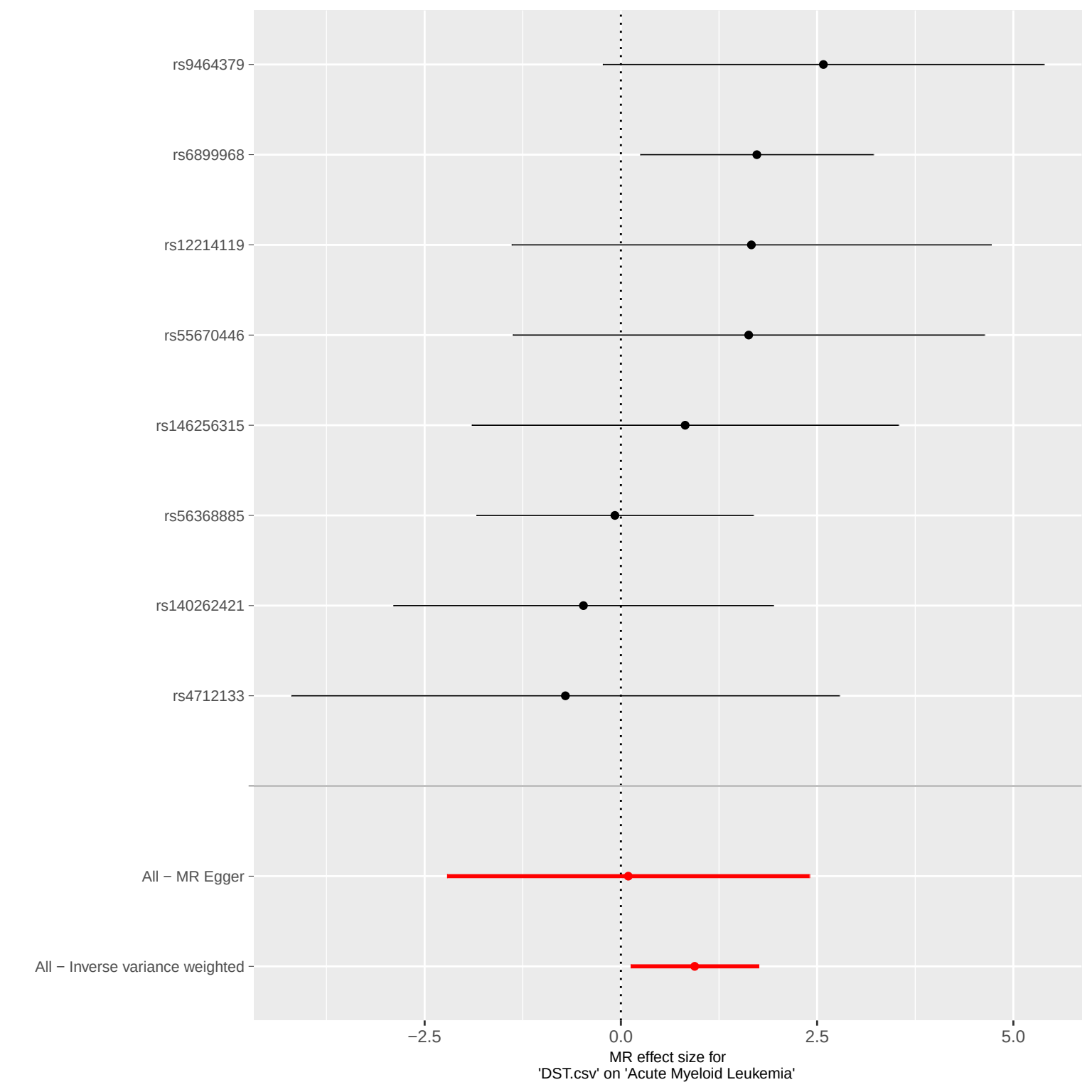
−2
0
2
4
MR effect size for
'DSN1.csv' on 'Acute Myeloid Leukemia'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rs55670446
rs146256315
rs56368885
rs140262421
rs4712133
All − MR Egger
All − Inverse variance weighted
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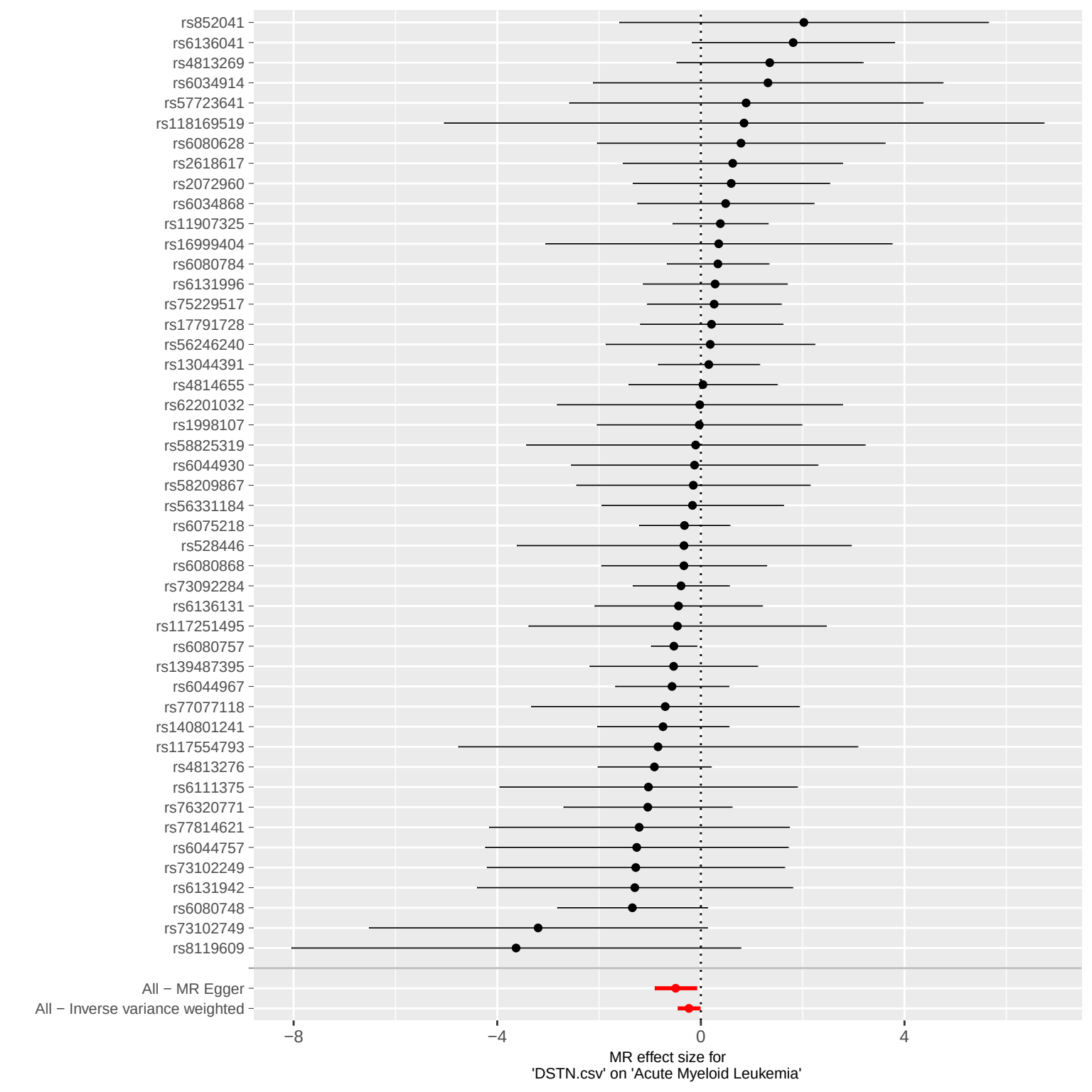
0.0
2.5
5.0
MR effect size for
'DST.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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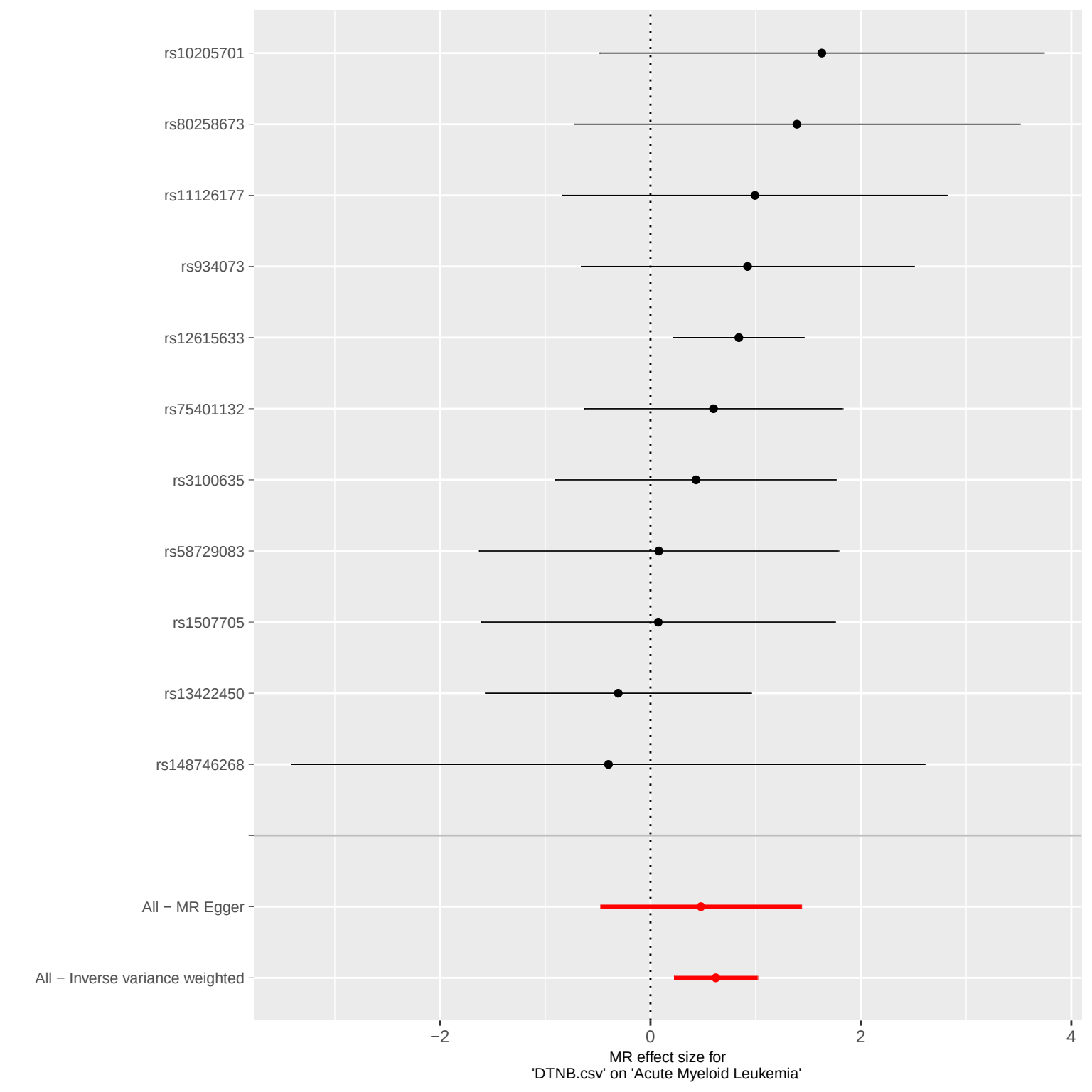
MR effect size for
'DSTN.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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2
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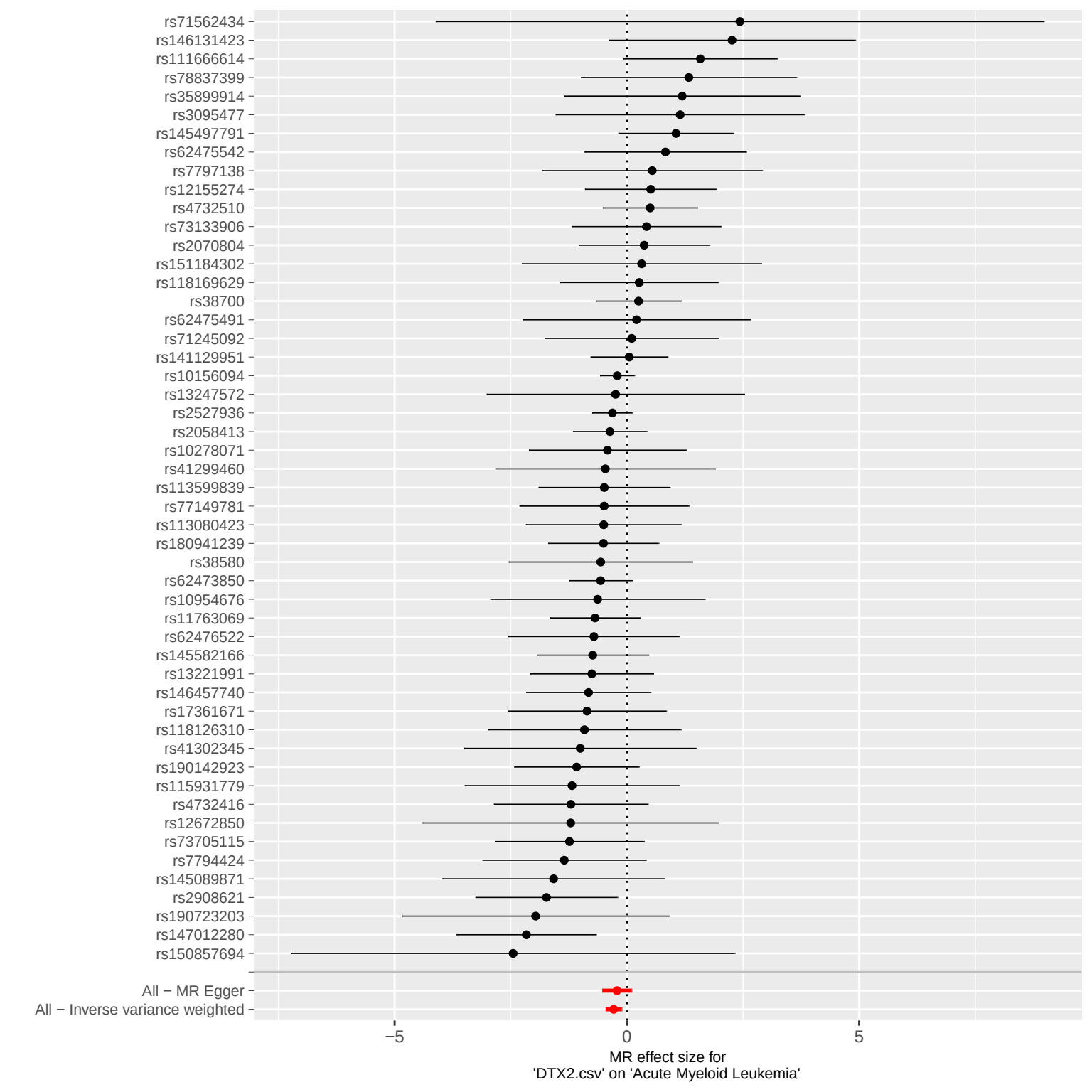
MR effect size for
'DTNB.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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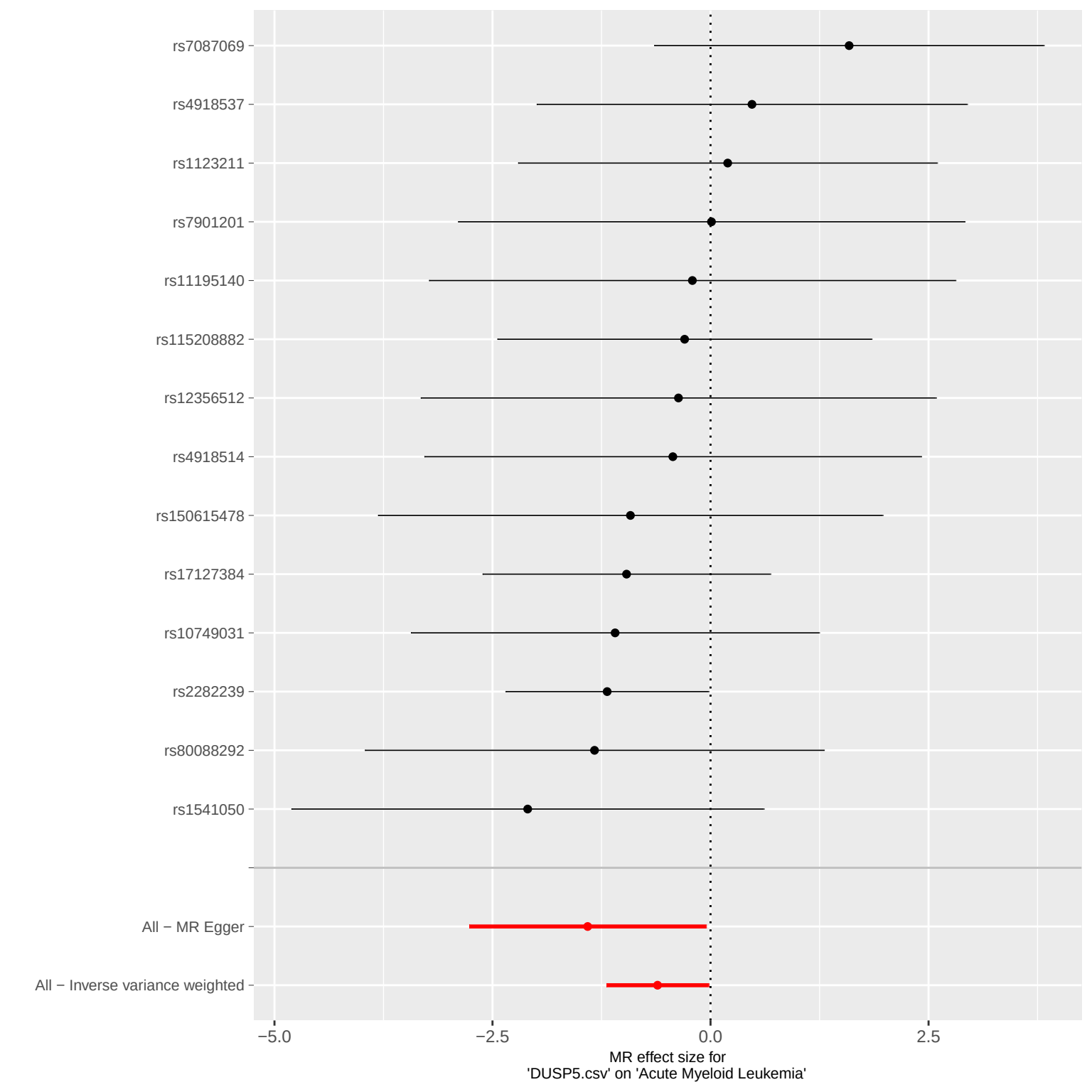
MR effect size for
'DTX2.csv' on 'Acute Myeloid Leukemia'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rs10749031
rs2282239
rs80088292
rs1541050
All − MR Egger
All − Inverse variance weighted
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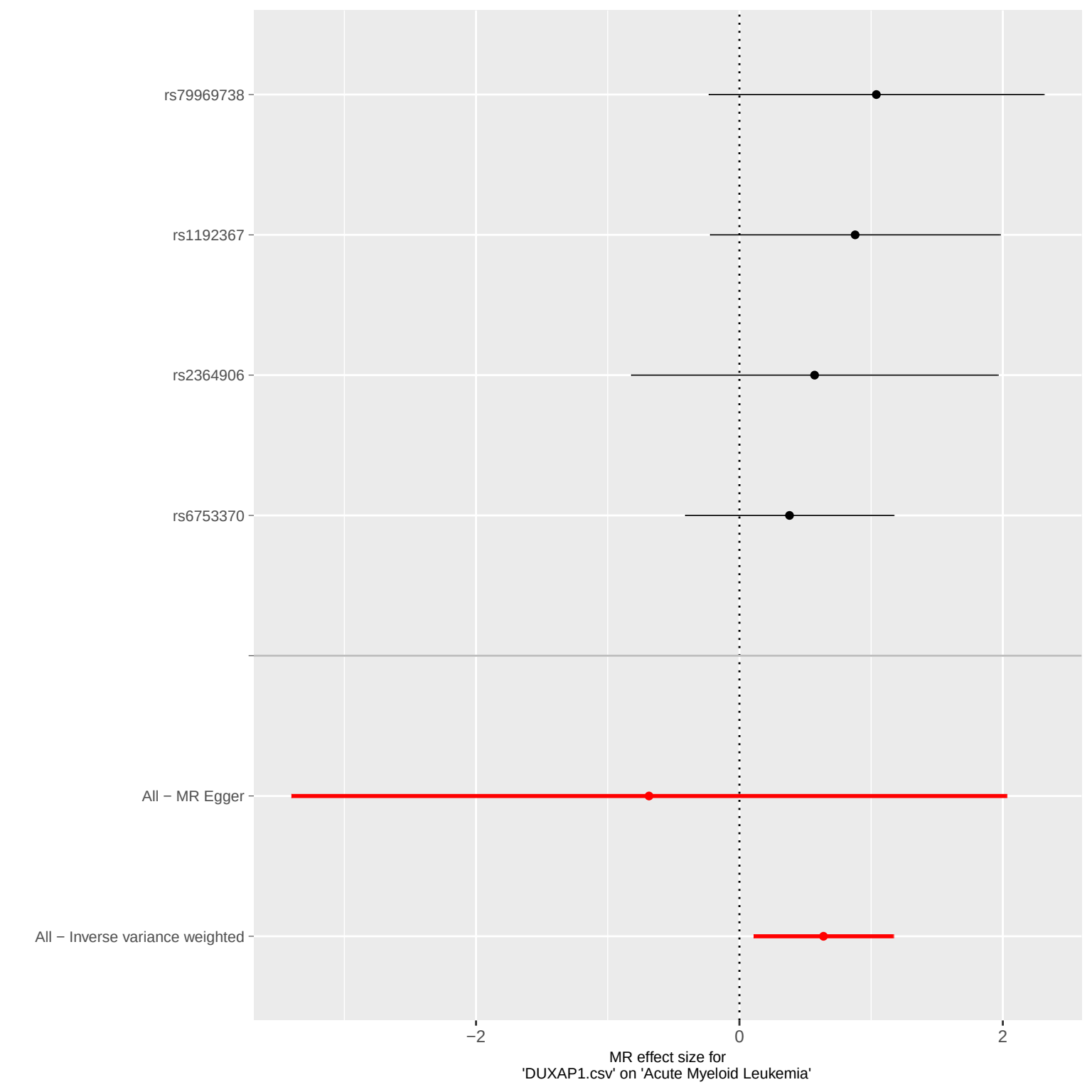
2.5
MR effect size for
'DUSP5.csv' on 'Acute Myeloid Leukemia'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rs2364906
rs6753370
All − MR Egger
All − Inverse variance weighted
−2
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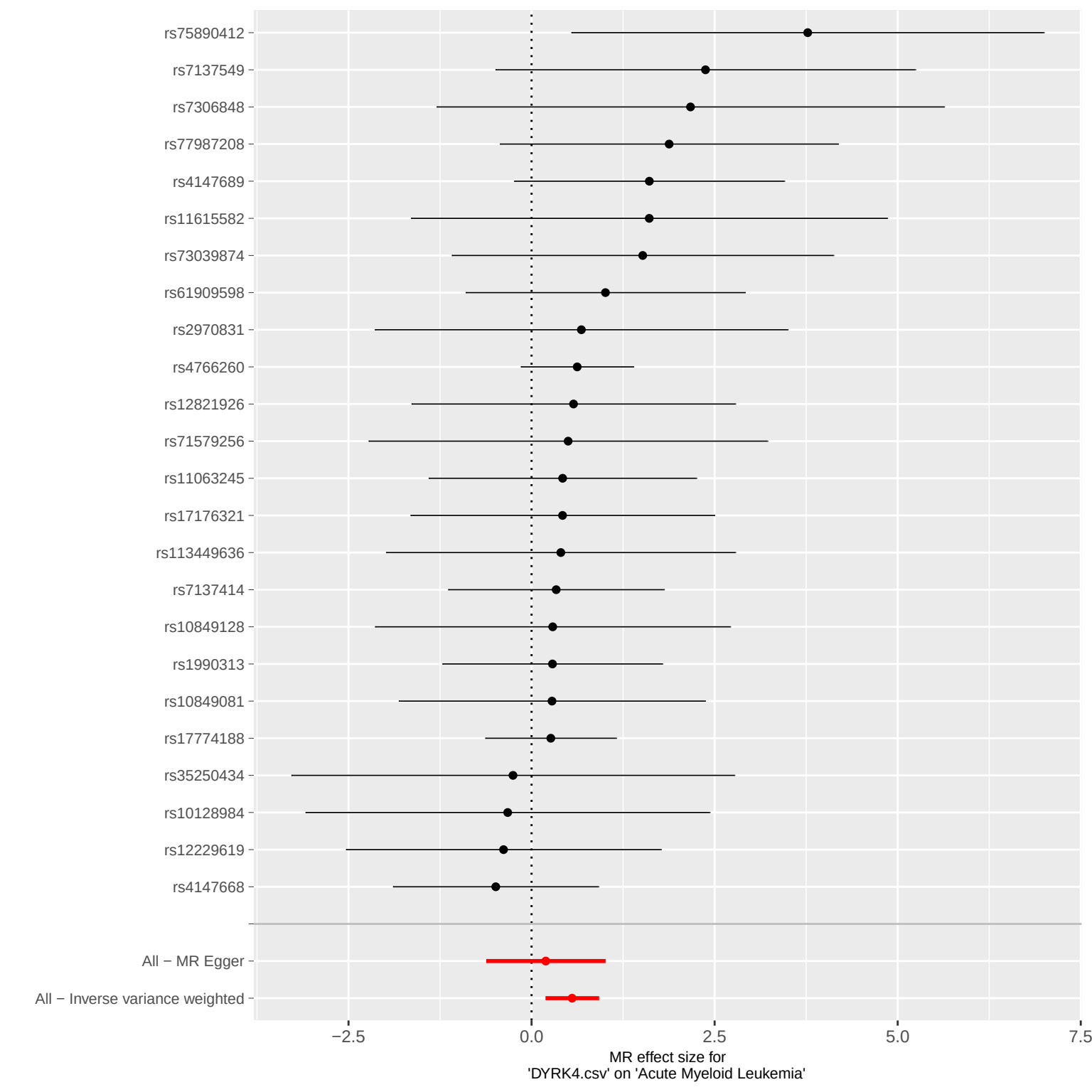
MR effect size for
'DUXAP1.csv' on 'Acute Myeloid Leukemia'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rs7137414
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All − MR Egger
All − Inverse variance weighted
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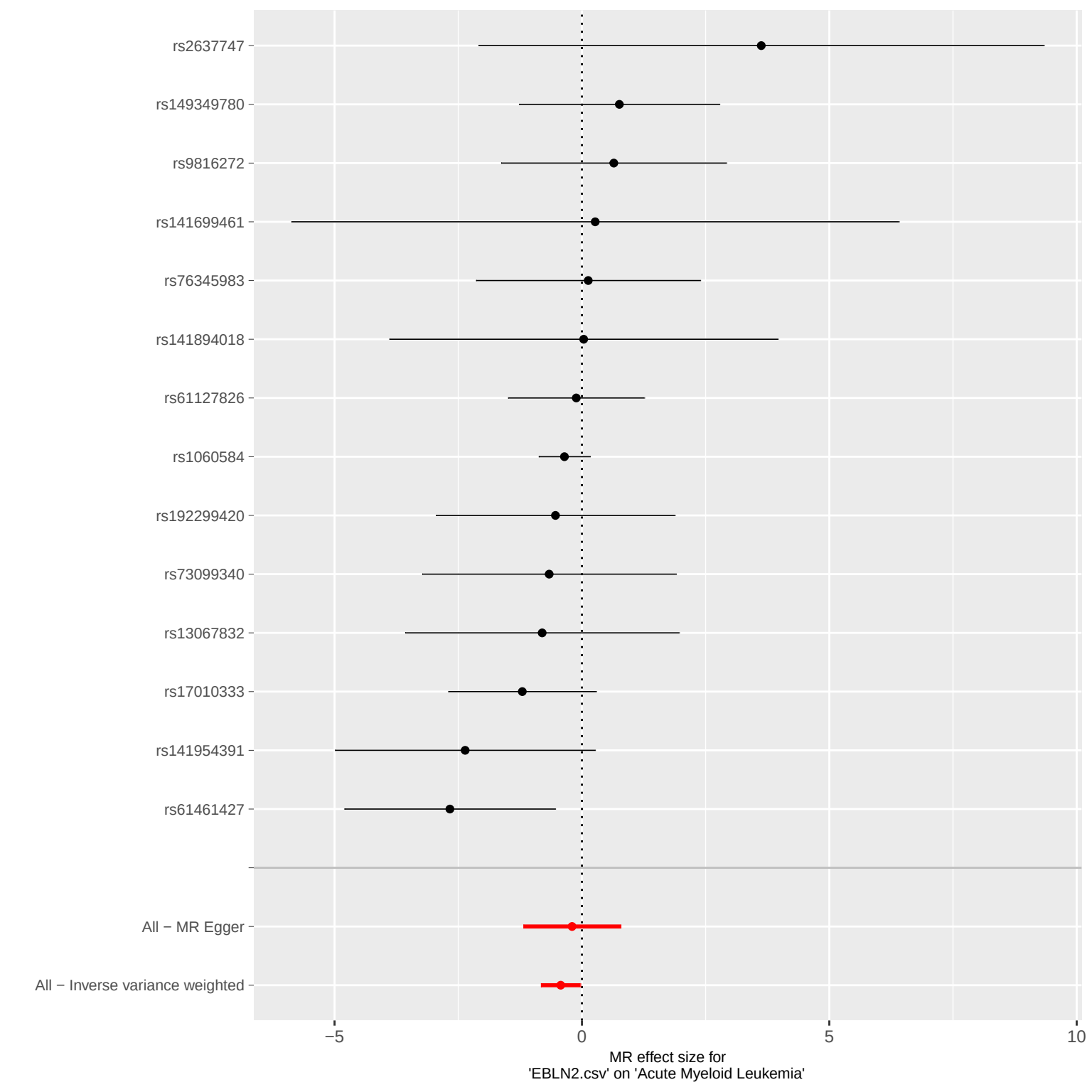
5.0
7.5
MR effect size for
'DYRK4.csv' on 'Acute Myeloid Leukemia'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rs1060584
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rs73099340
rs13067832
rs17010333
rs141954391
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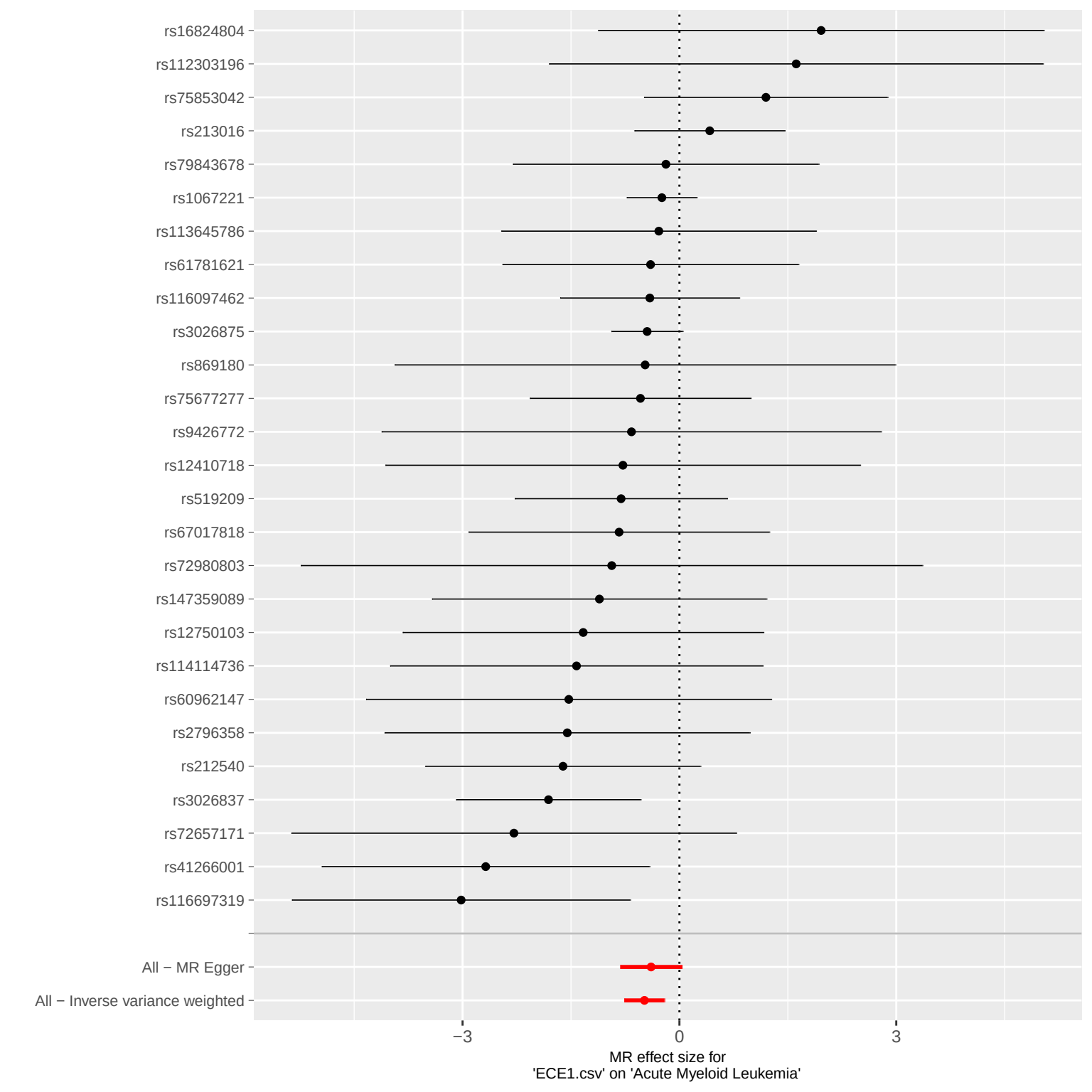
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'EBLN2.csv' on 'Acute Myeloid Leukemia'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rs212540
rs3026837
rs72657171
rs41266001
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All − MR Egger
All − Inverse variance weighted
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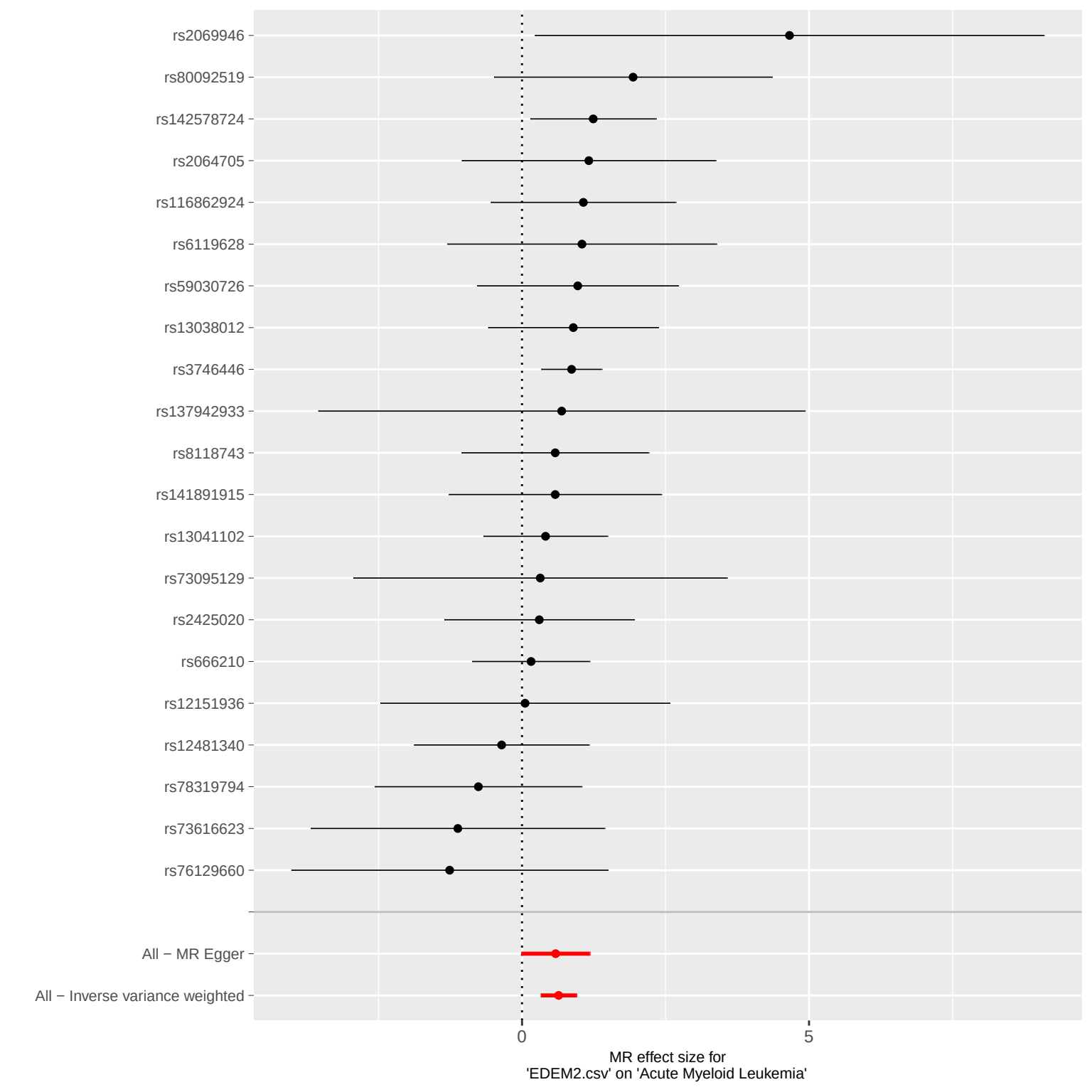
3
MR effect size for
'ECE1.csv' on 'Acute Myeloid Leukemia'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rs2425020
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rs12151936
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rs78319794
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All − MR Egger
All − Inverse variance weighted
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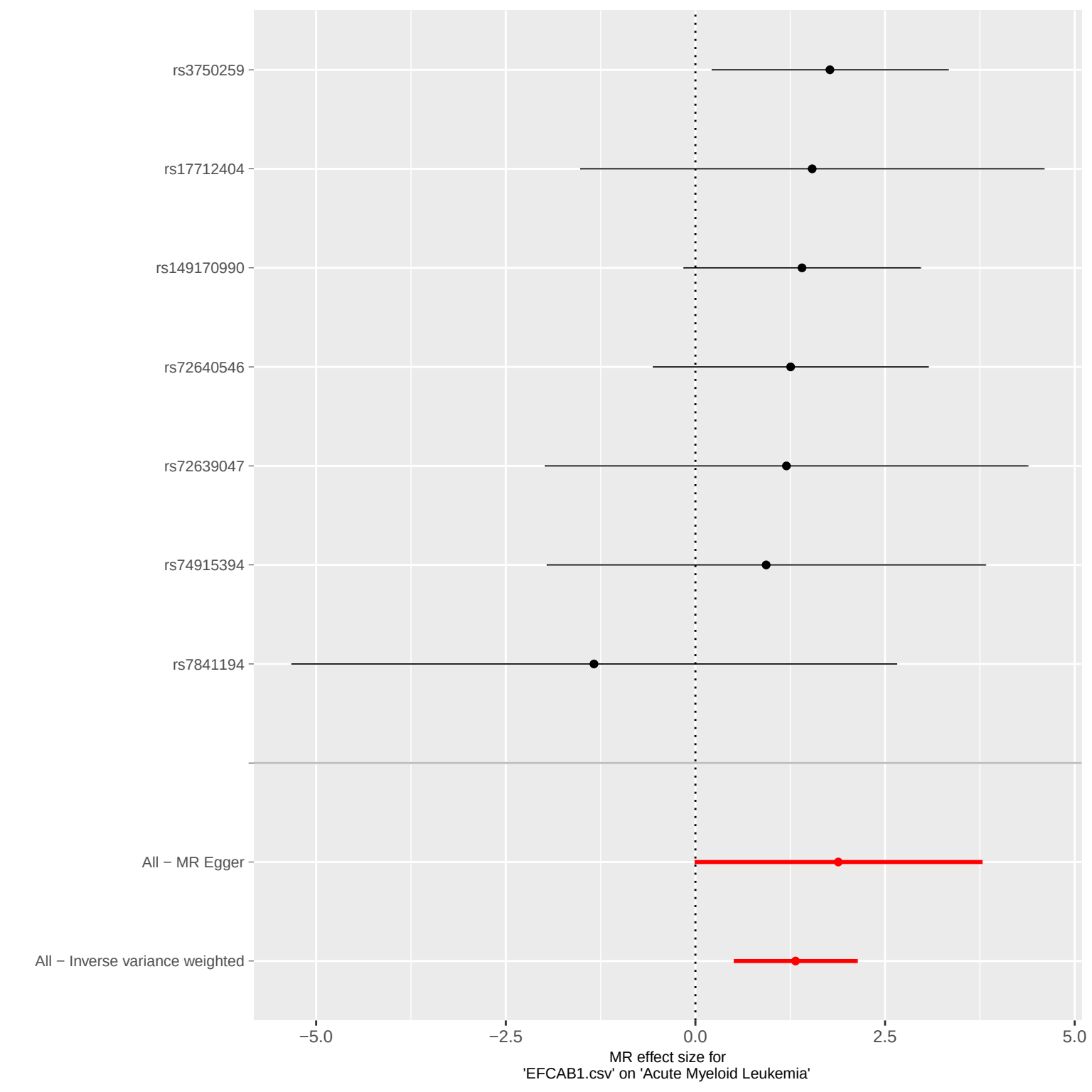
5
MR effect size for
'EDEM2.csv' on 'Acute Myeloid Leukemia'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rs17712404
rs149170990
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rs72639047
rs74915394
rs7841194
All − MR Egger
All − Inverse variance weighted
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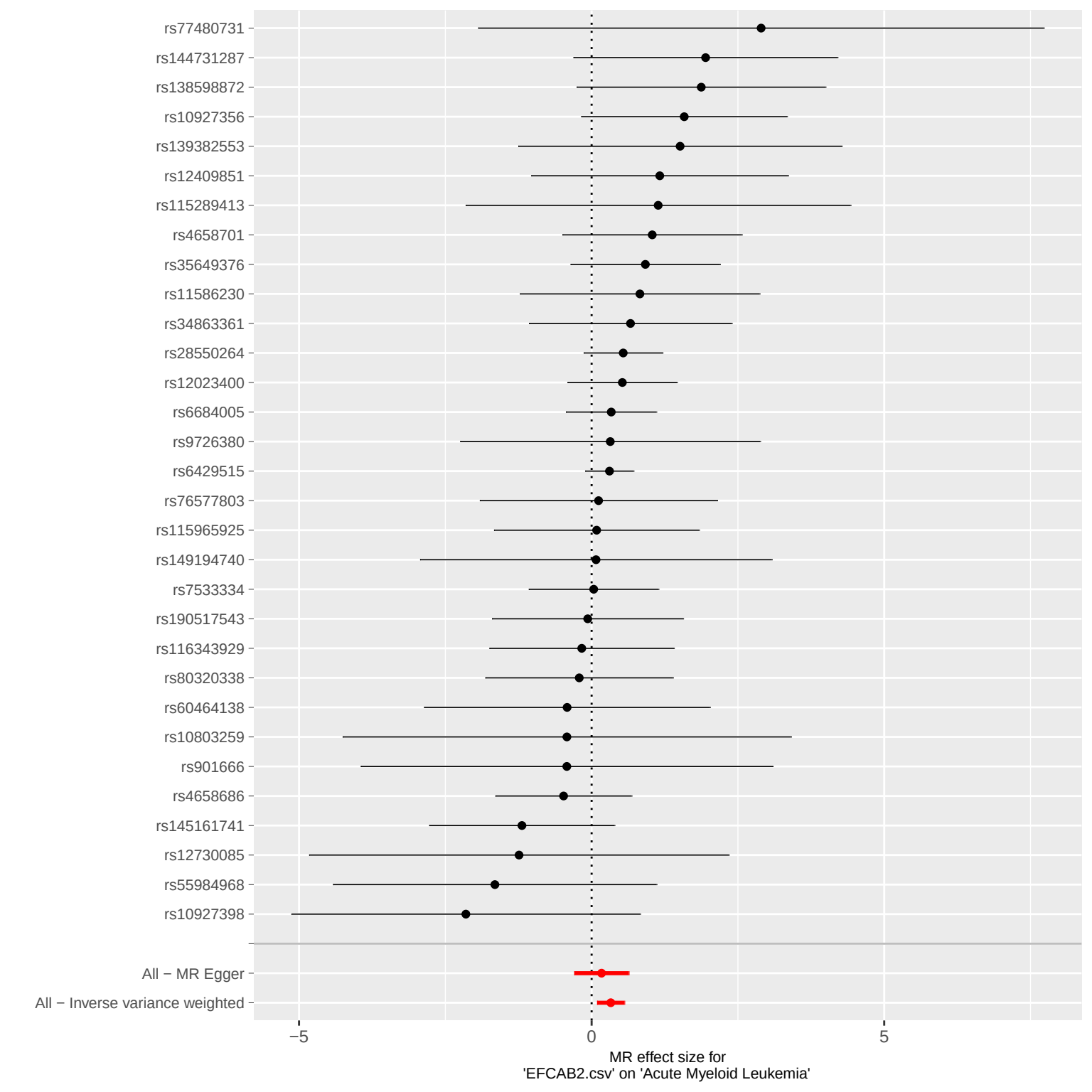
−2.5
0.0
2.5
5.0
MR effect size for
'EFCAB1.csv' on 'Acute Myeloid Leukemia'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rs901666
rs4658686
rs145161741
rs12730085
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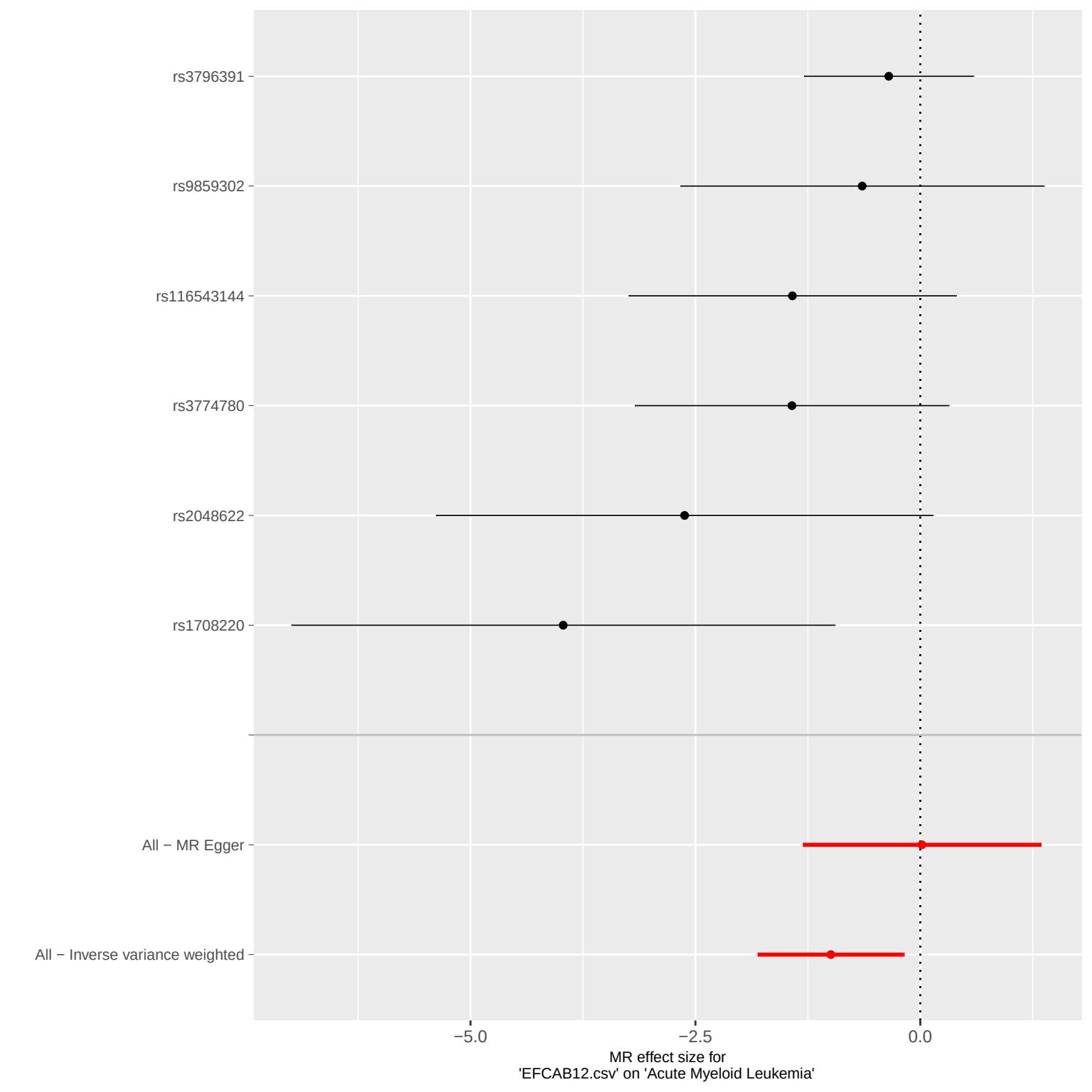
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'EFCAB2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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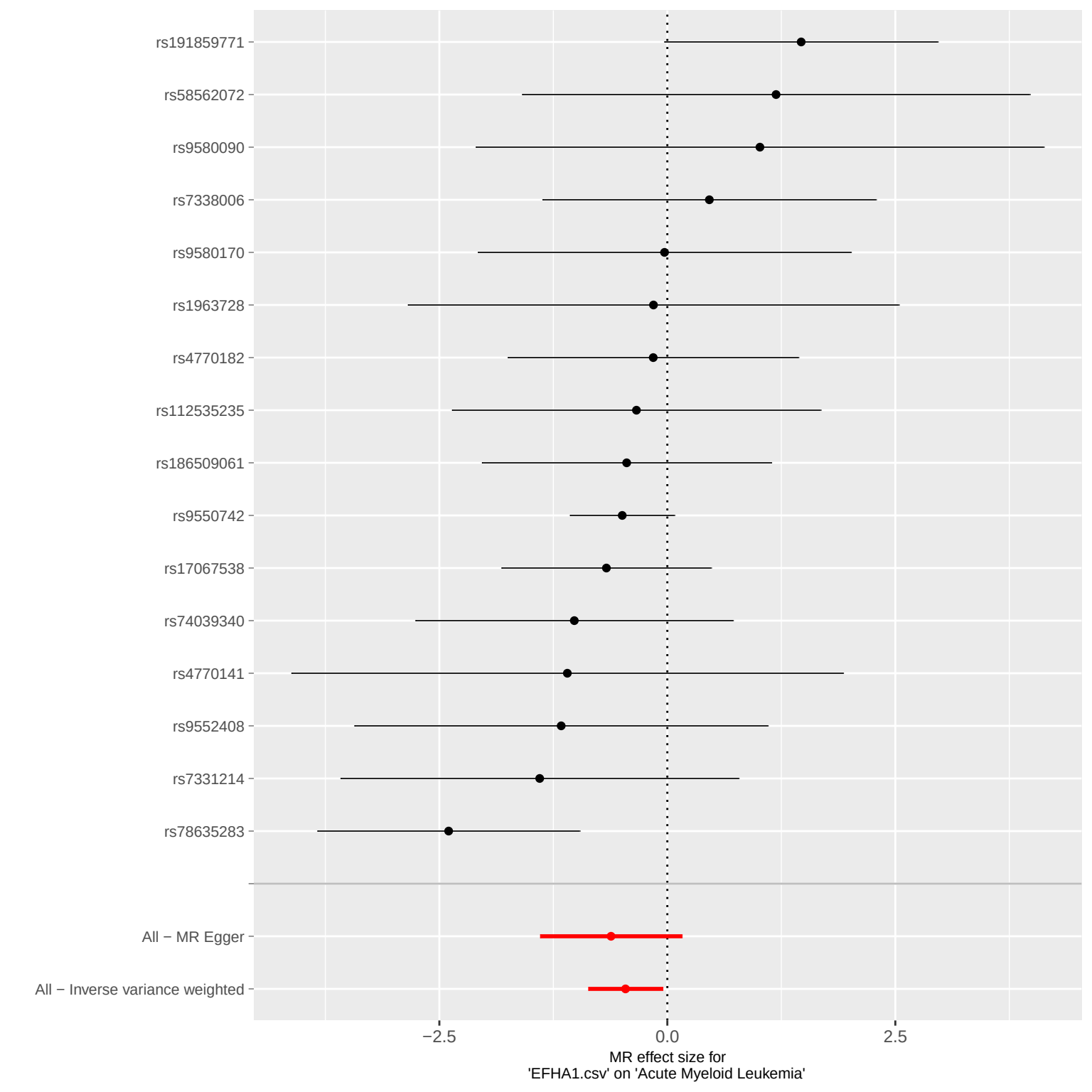
MR effect size for
'EFCAB12.csv' on 'Acute Myeloid Leukemia'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rs17067538
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rs4770141
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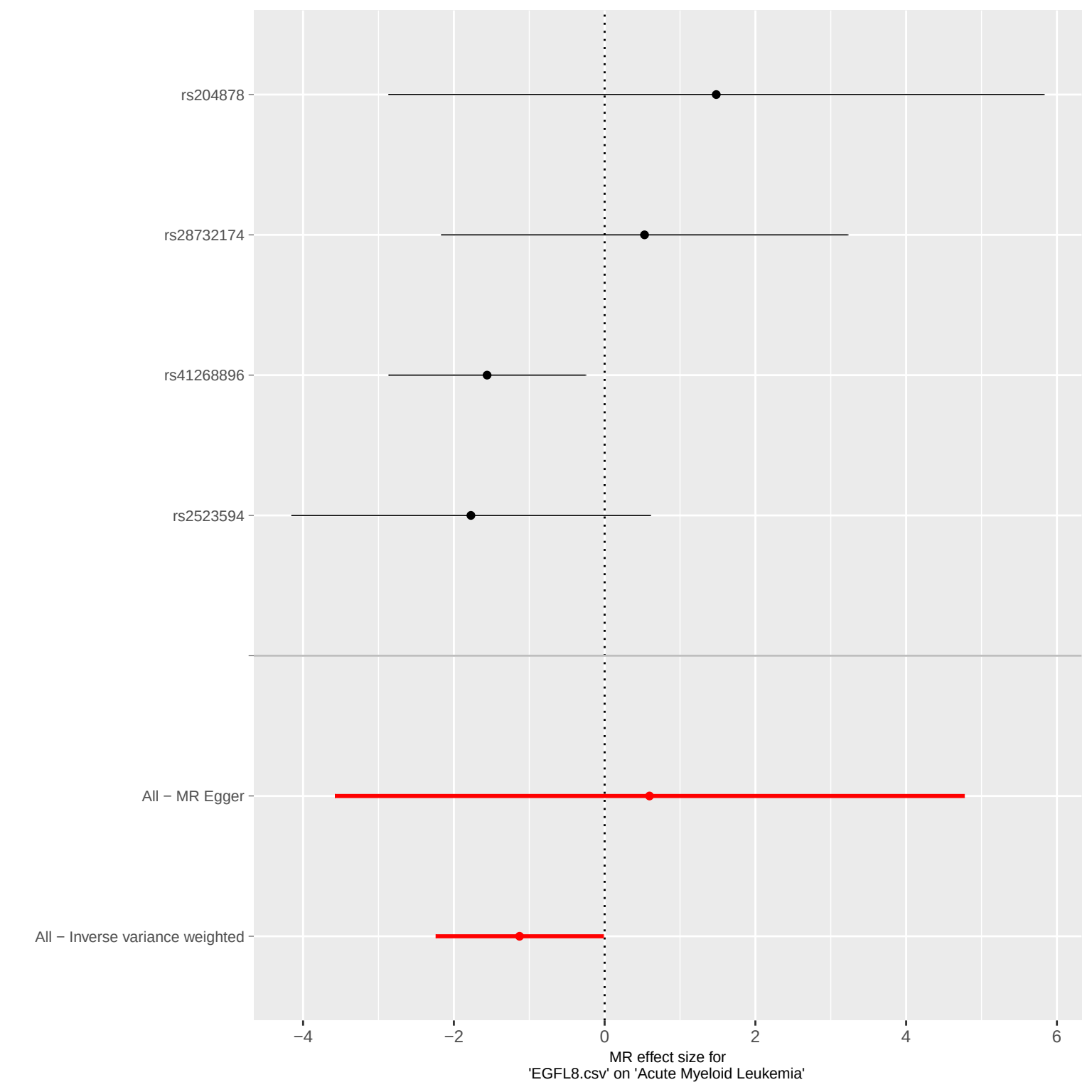
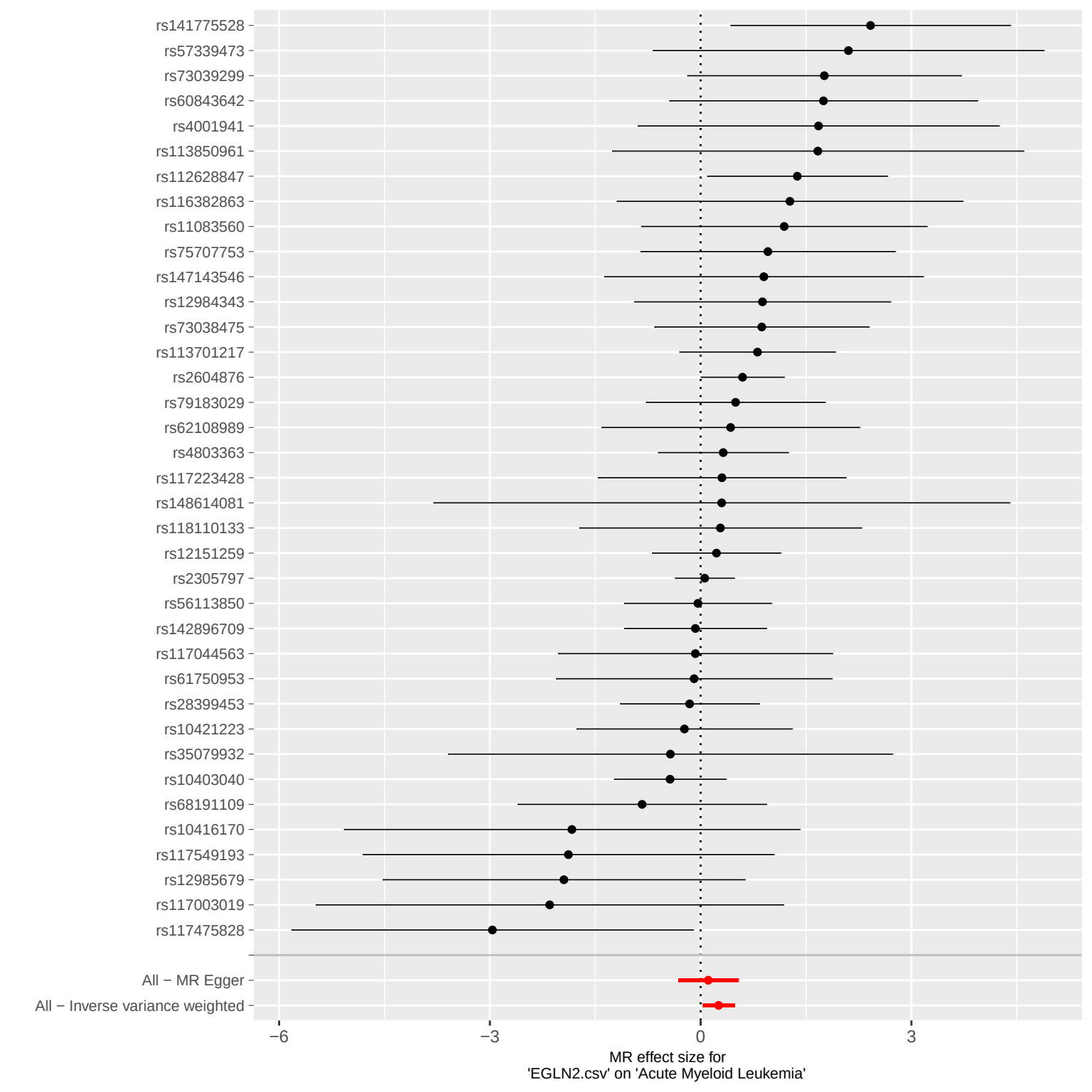
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'EFHA1.csv' on 'Acute Myeloid Leukemia'


rs204878
rs28732174
rs41268896
rs2523594
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'EGFL8.csv' on 'Acute Myeloid Leukemia'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rs12984343
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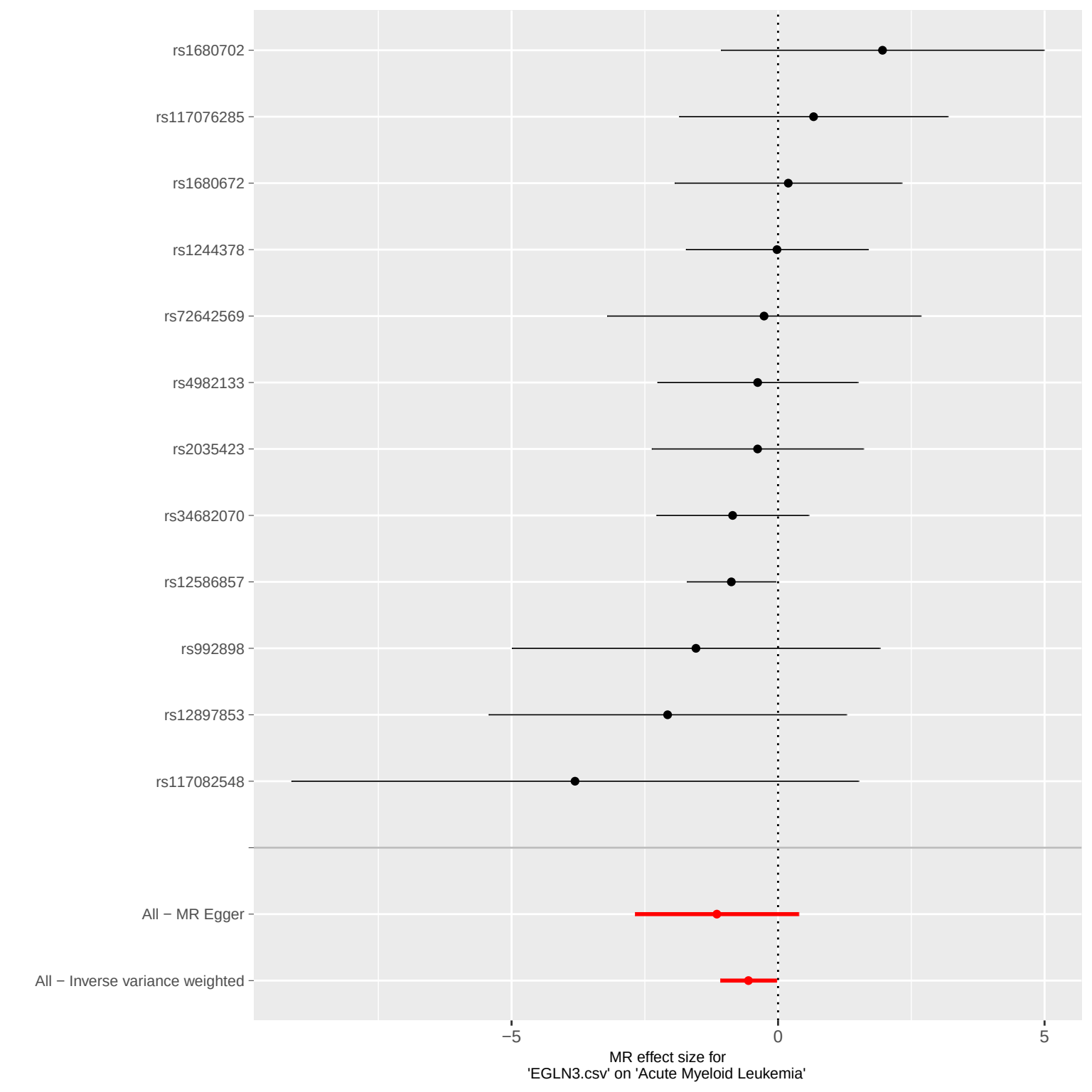
rs2604876
rs79183029
rs62108989
rs4803363
rs117223428
rs148614081
rs118110133
rs12151259
rs2305797
rs56113850
rs142896709
rs117044563
rs61750953
rs28399453
rs10421223
rs35079932
rs10403040
rs68191109
rs10416170
rs117549193
rs12985679
rs117003019
rs117475828
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'EGLN2.csv' on 'Acute Myeloid Leukemia'


rs1680702
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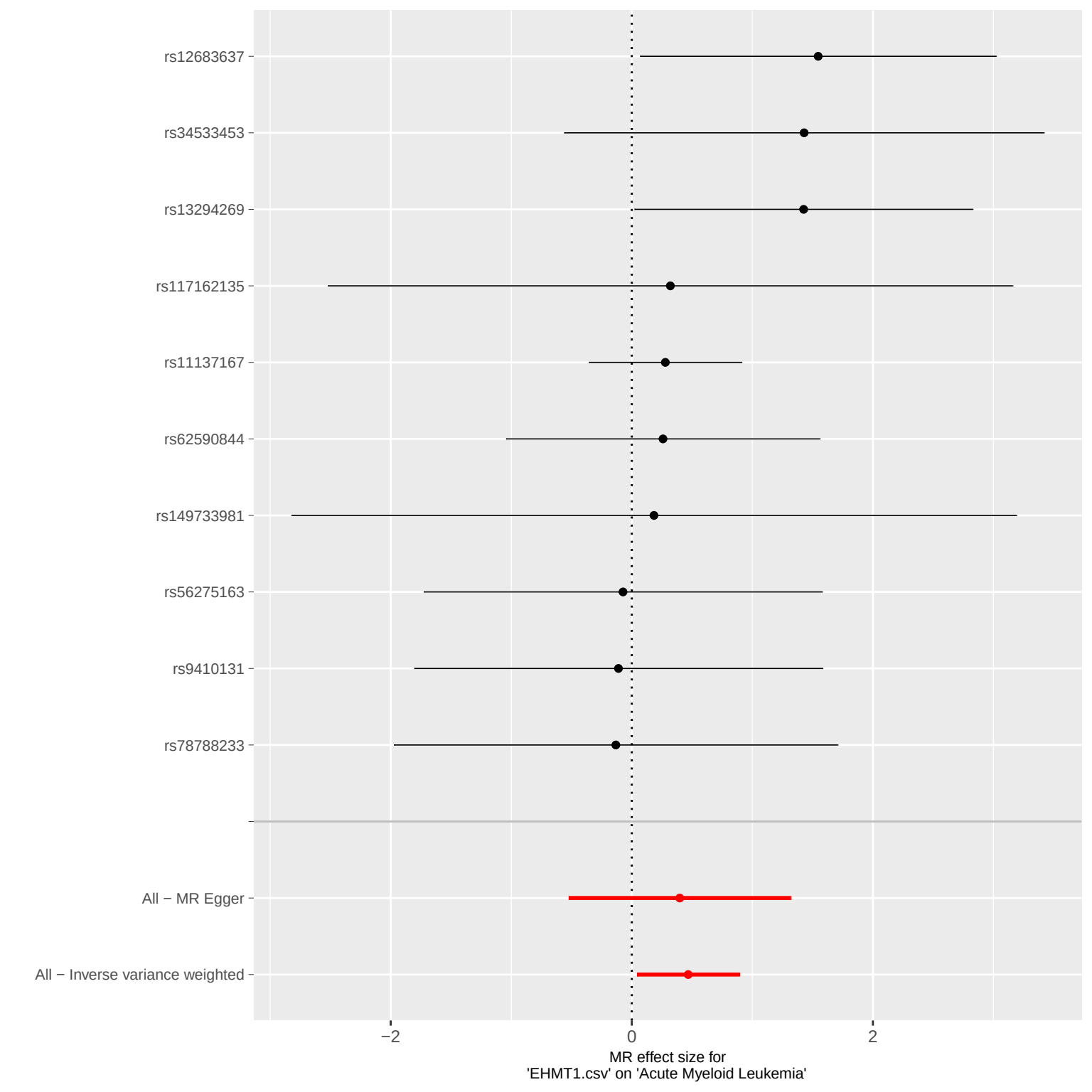
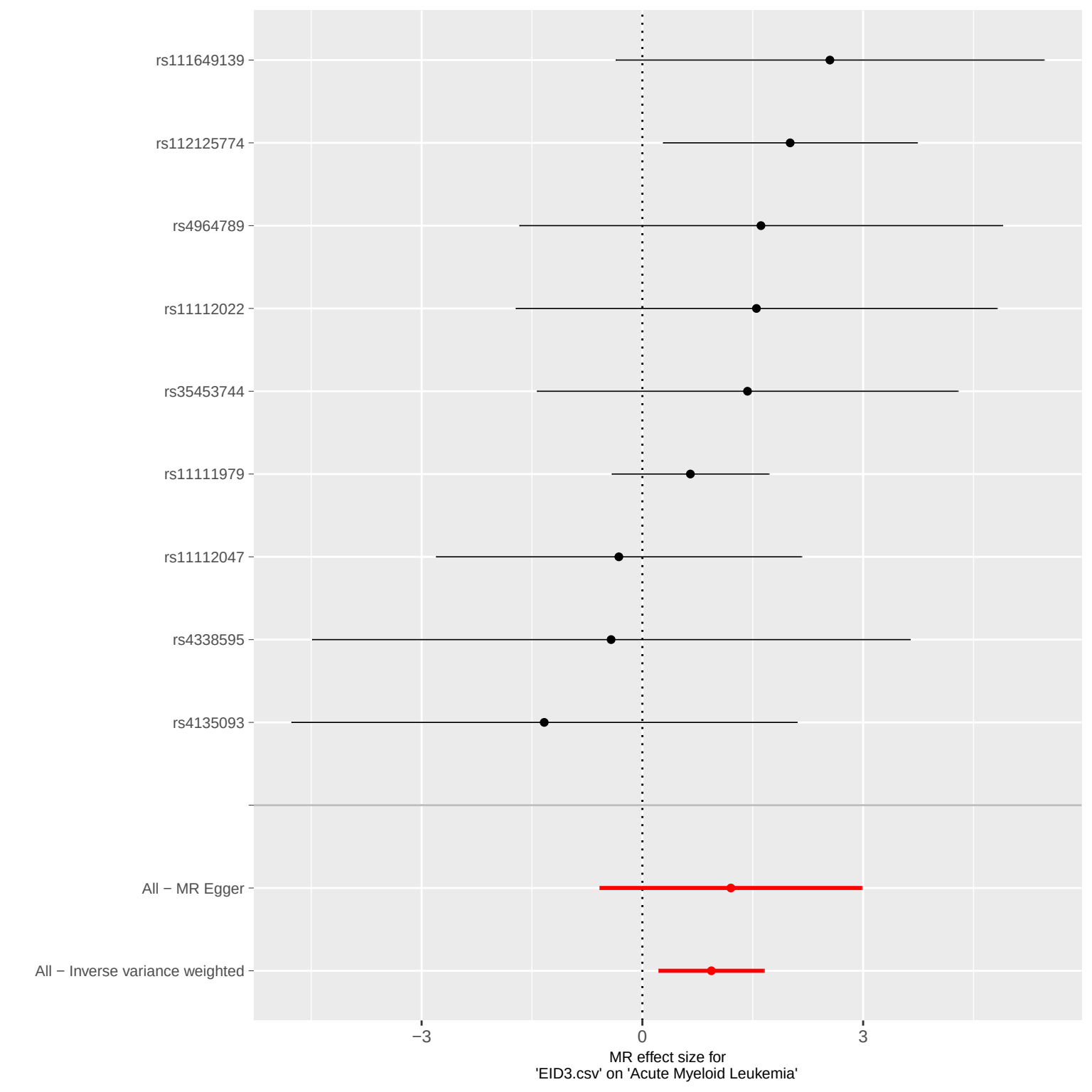
rs1680672
rs1244378
rs72642569
rs4982133
rs2035423
rs34682070
rs12586857
rs992898
rs12897853
rs117082548
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'EGLN3.csv' on 'Acute Myeloid Leukemia'


rs12683637
rs34533453
rs13294269
rs117162135
rs11137167
rs62590844
rs149733981
rs56275163
rs9410131
rs78788233
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'EHMT1.csv' on 'Acute Myeloid Leukemia'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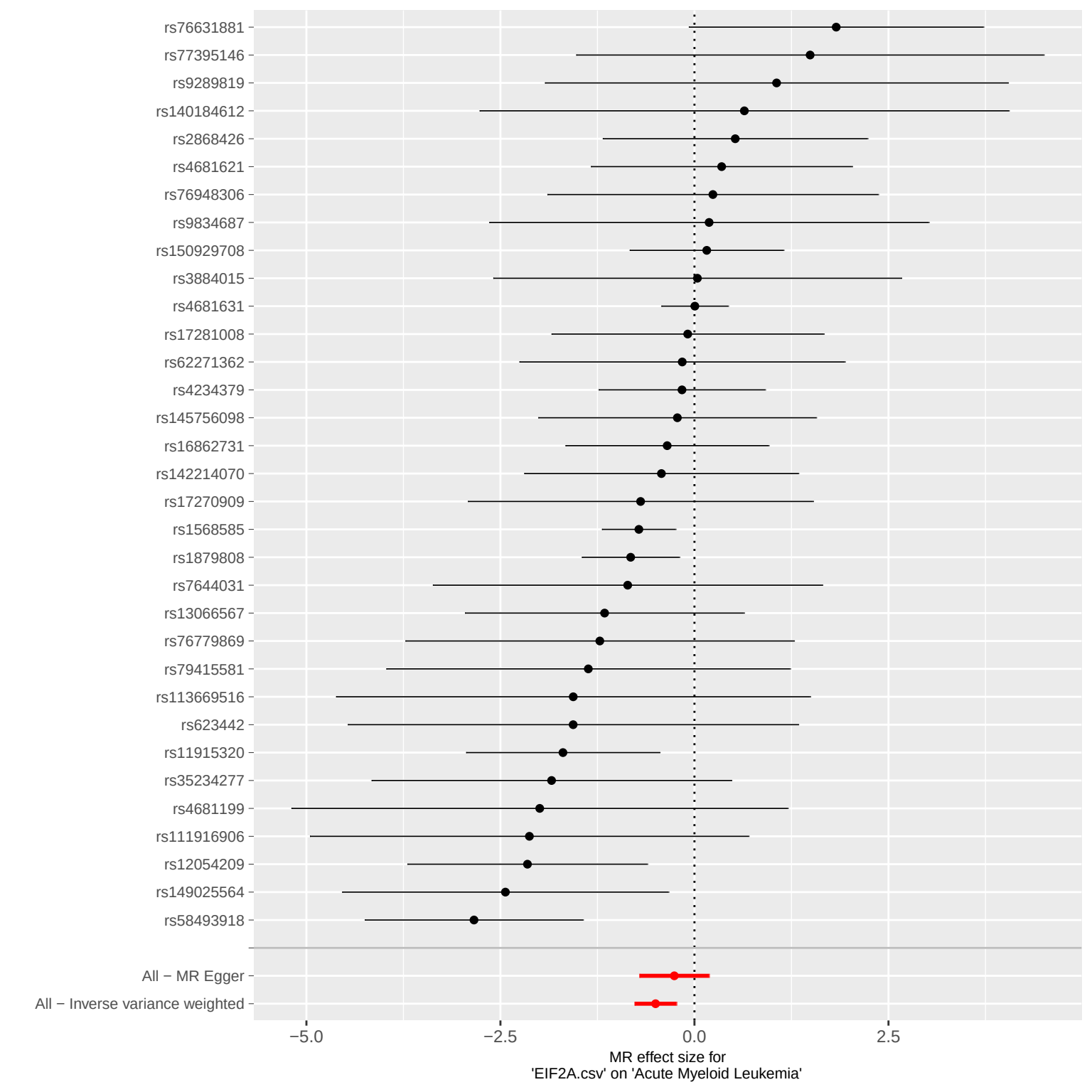
rs112125774
rs4964789
rs11112022
rs35453744
rs11111979
rs11112047
rs4338595
rs4135093
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'EID3.csv' on 'Acute Myeloid Leukemia'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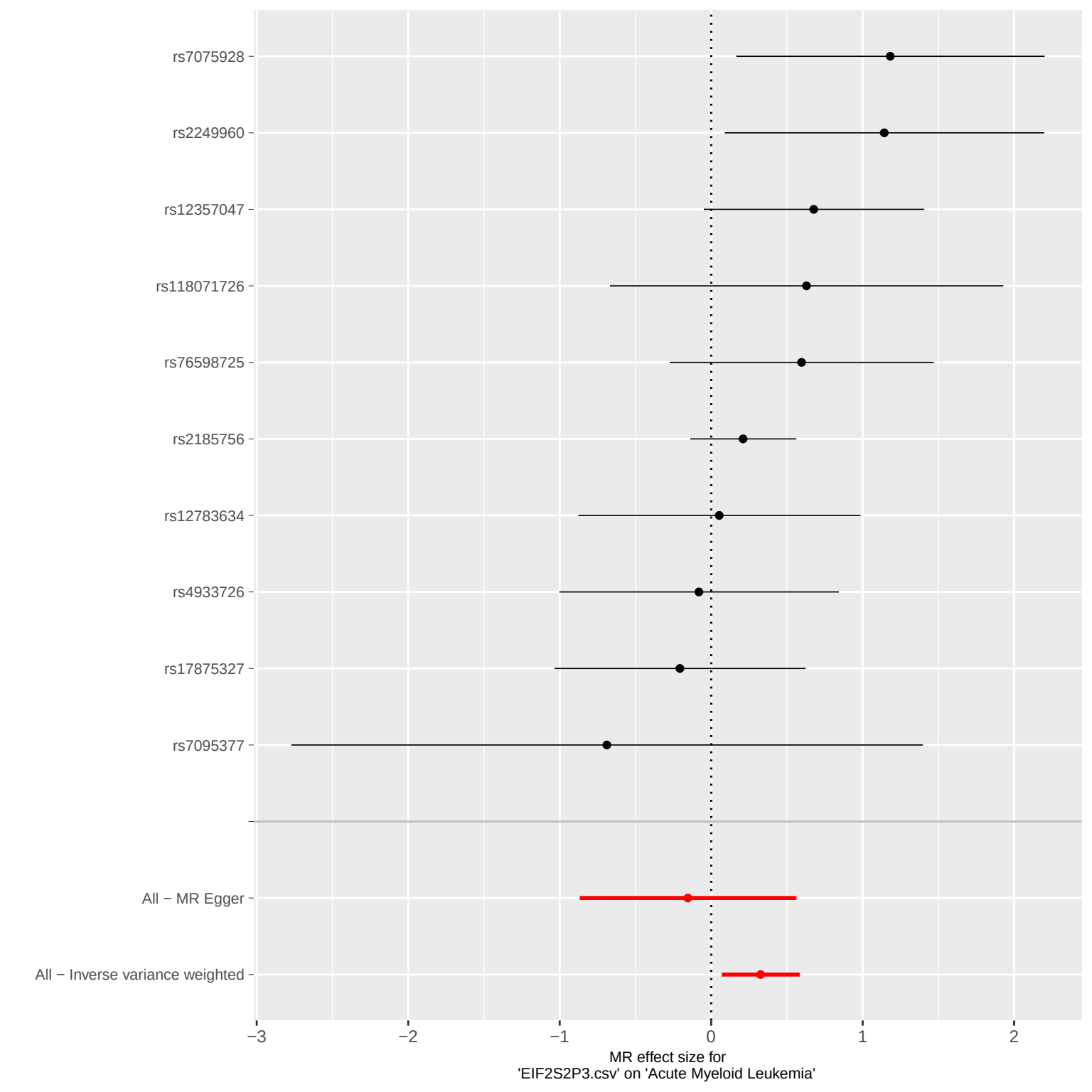
rs4681631
rs17281008
rs62271362
rs4234379
rs145756098
rs16862731
rs142214070
rs17270909
rs1568585
rs1879808
rs7644031
rs13066567
rs76779869
rs79415581
rs113669516
rs623442
rs11915320
rs35234277
rs4681199
rs111916906
rs12054209
rs149025564
rs58493918
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'EIF2A.csv' on 'Acute Myeloid Leukemia'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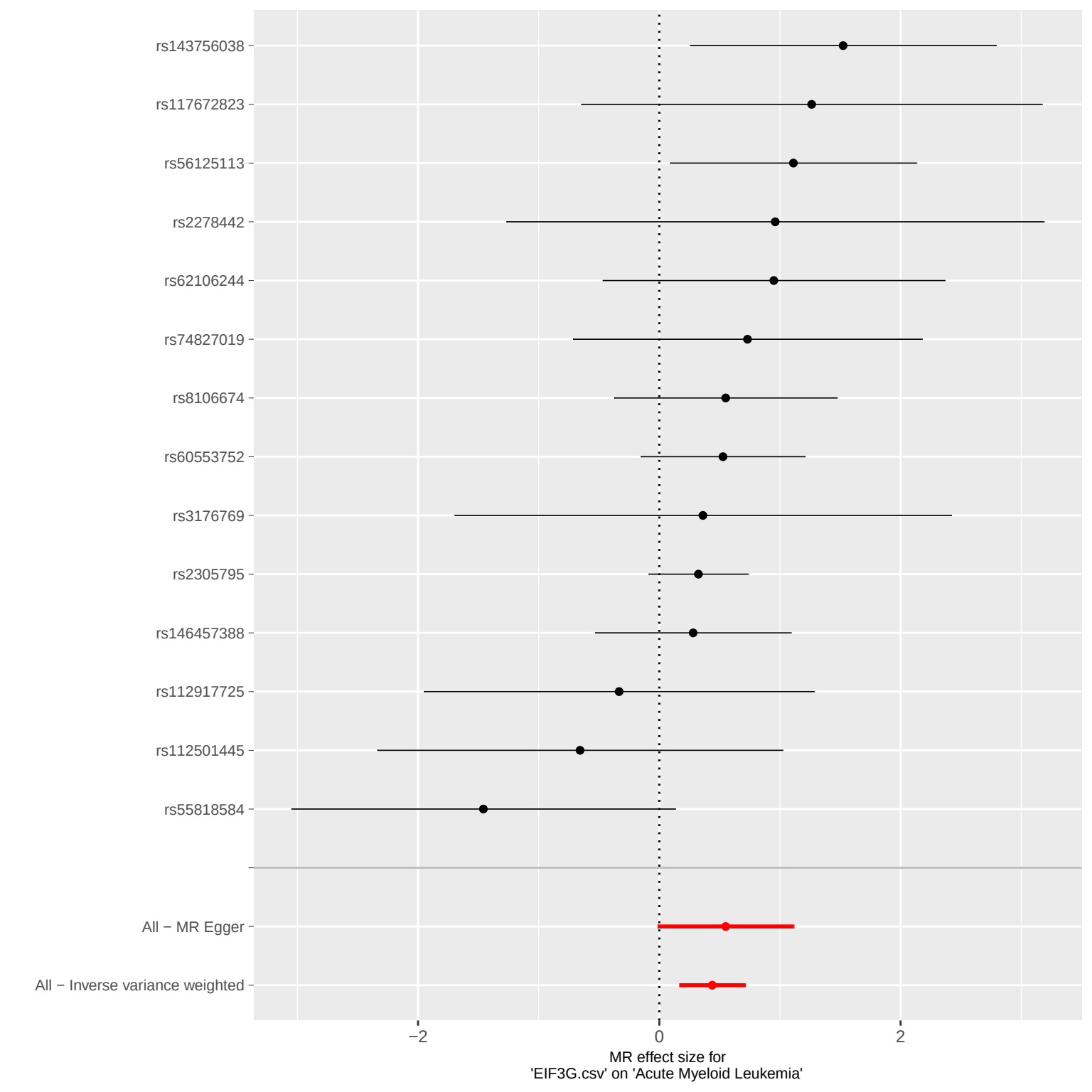
rs2249960
rs12357047
rs118071726
rs76598725
rs2185756
rs12783634
rs4933726
rs17875327
rs7095377
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'EIF2S2P3.csv' on 'Acute Myeloid Leukemia'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rs117672823
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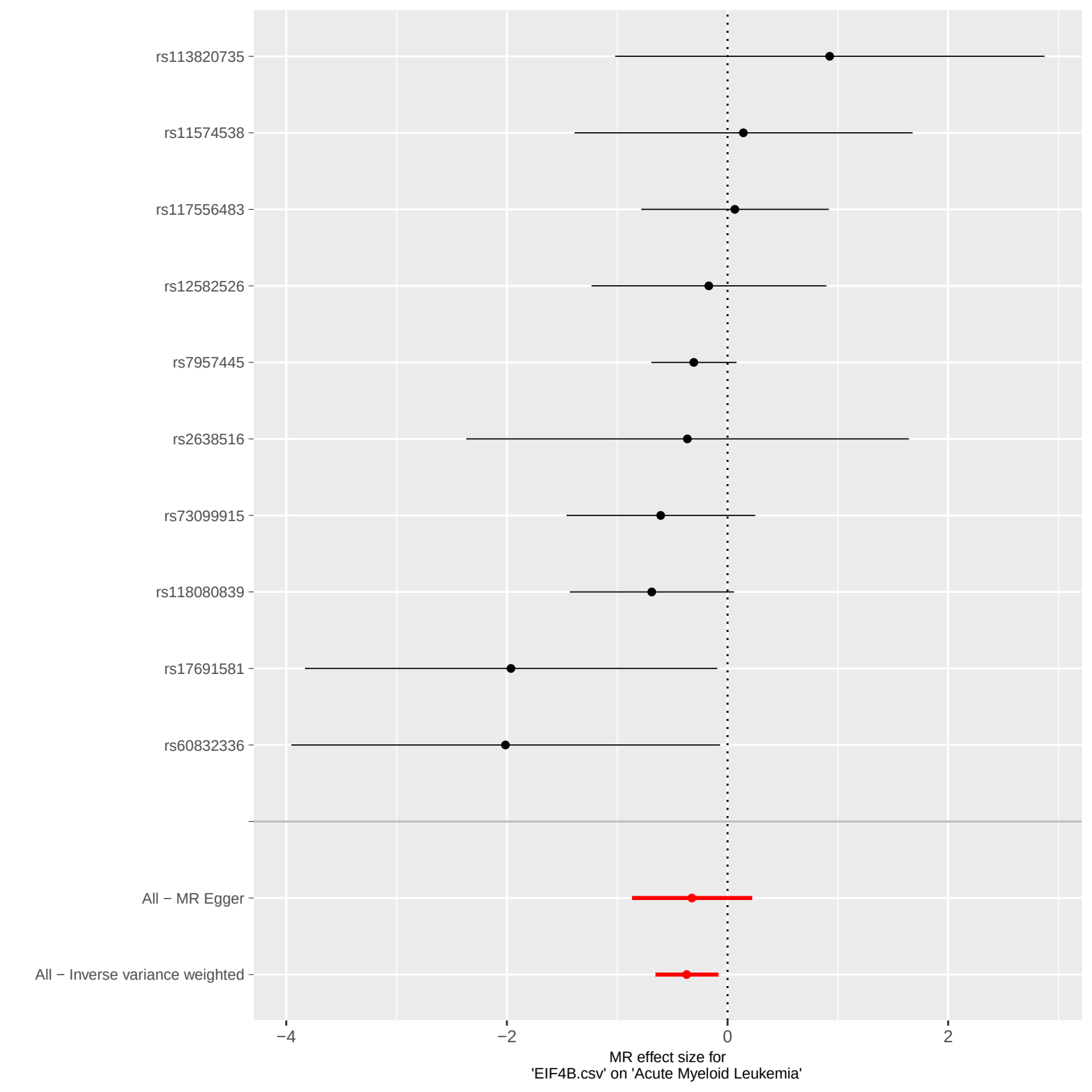
rs2278442
rs62106244
rs74827019
rs8106674
rs60553752
rs3176769
rs2305795
rs146457388
rs112917725
rs112501445
rs55818584
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'EIF3G.csv' on 'Acute Myeloid Leukemia'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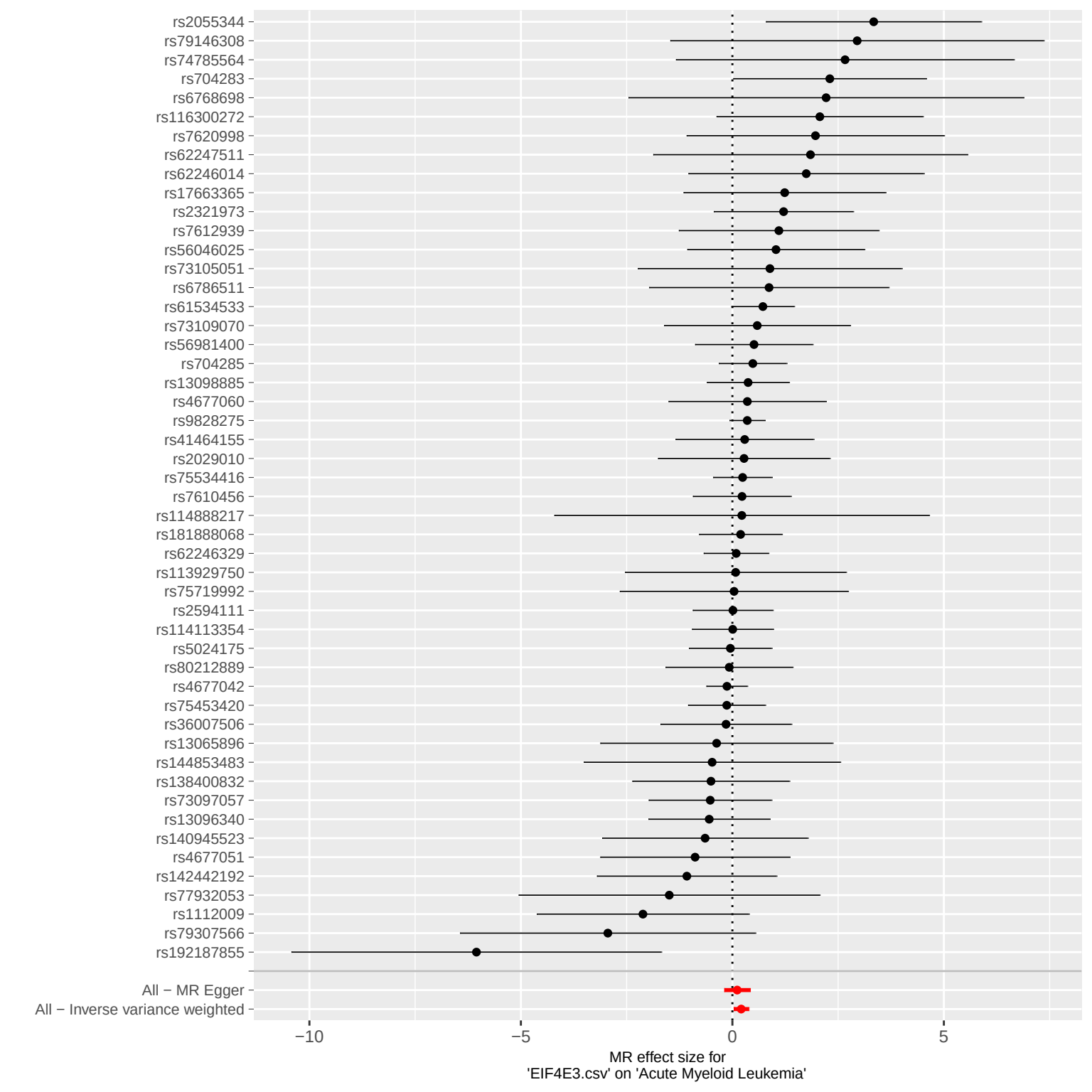
rs11574538
rs117556483
rs12582526
rs7957445
rs2638516
rs73099915
rs118080839
rs17691581
rs60832336
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'EIF4B.csv' on 'Acute Myeloid Leukemia'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rs74785564
rs704283
rs6768698
rs116300272
rs7620998
rs62247511
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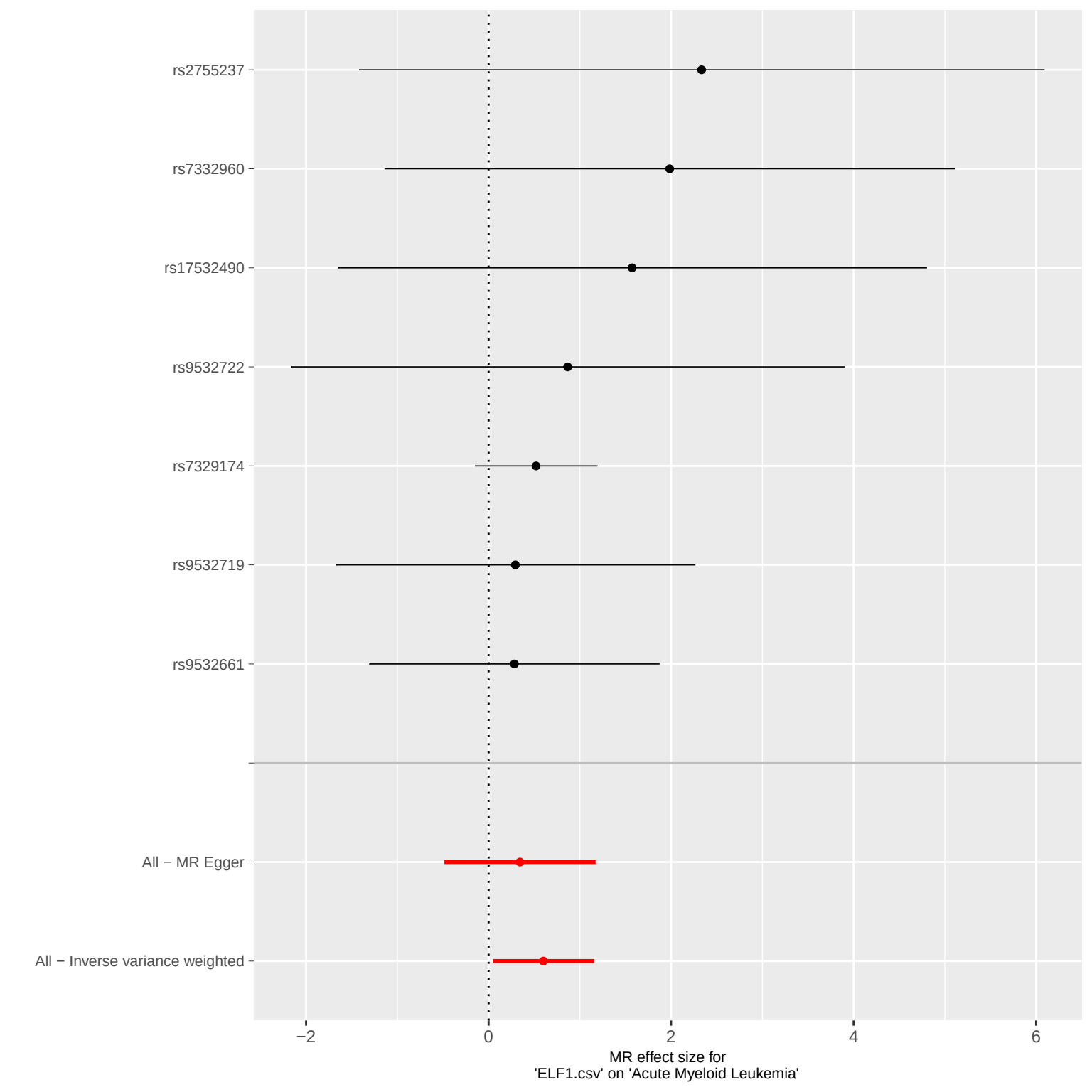
rs2321973
rs7612939
rs56046025
rs73105051
rs6786511
rs61534533
rs73109070
rs56981400
rs704285
rs13098885
rs4677060
rs9828275
rs41464155
rs2029010
rs75534416
rs7610456
rs114888217
rs181888068
rs62246329
rs113929750
rs75719992
rs2594111
rs114113354
rs5024175
rs80212889
rs4677042
rs75453420
rs36007506
rs13065896
rs144853483
rs138400832
rs73097057
rs13096340
rs140945523
rs4677051
rs142442192
rs77932053
rs1112009
rs79307566
rs192187855
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'EIF4E3.csv' on 'Acute Myeloid Leukemia'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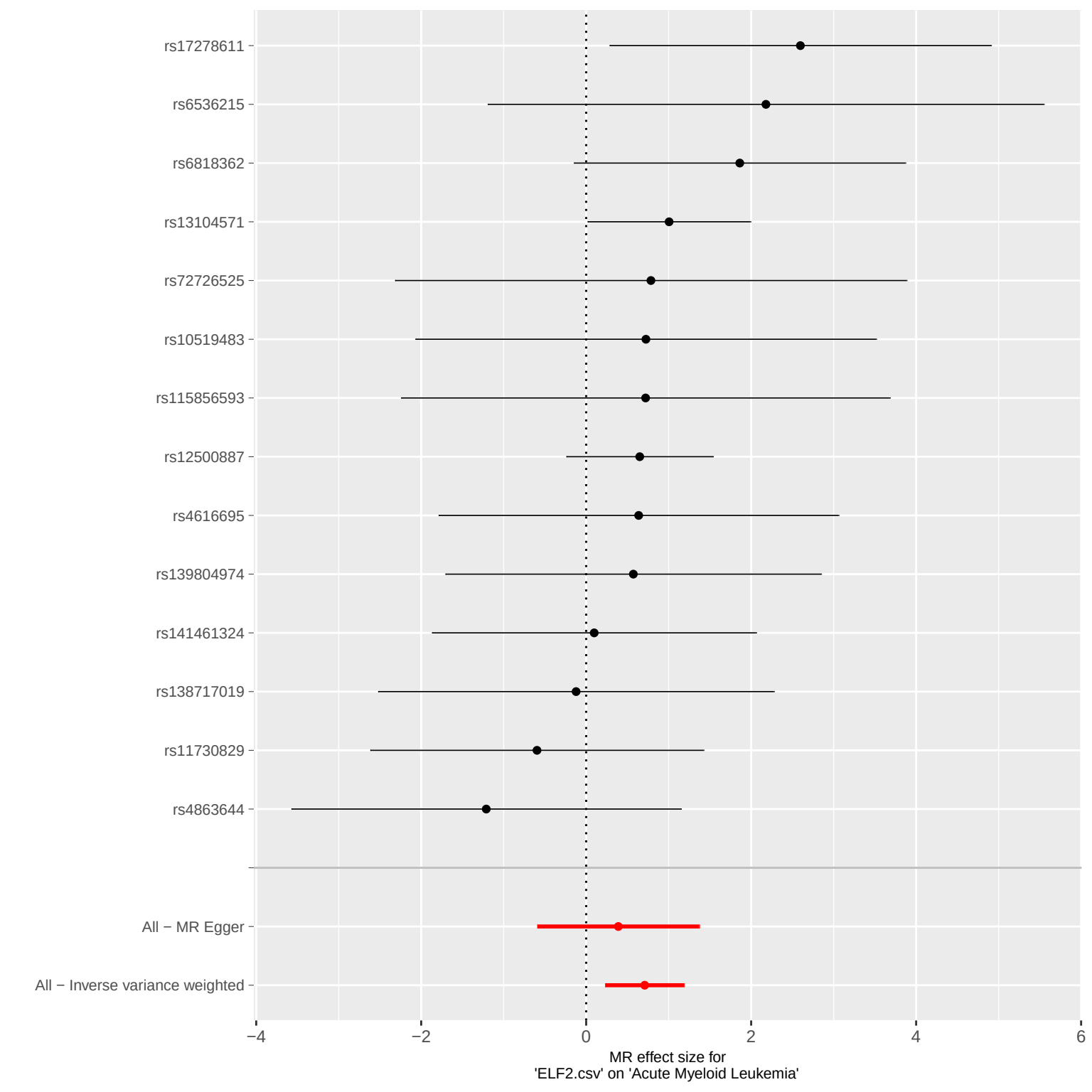
rs7332960
rs17532490
rs9532722
rs7329174
rs9532719
rs9532661
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'ELF1.csv' on 'Acute Myeloid Leukemia'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rs6818362
rs13104571
rs72726525
rs10519483
rs115856593
rs12500887
rs4616695
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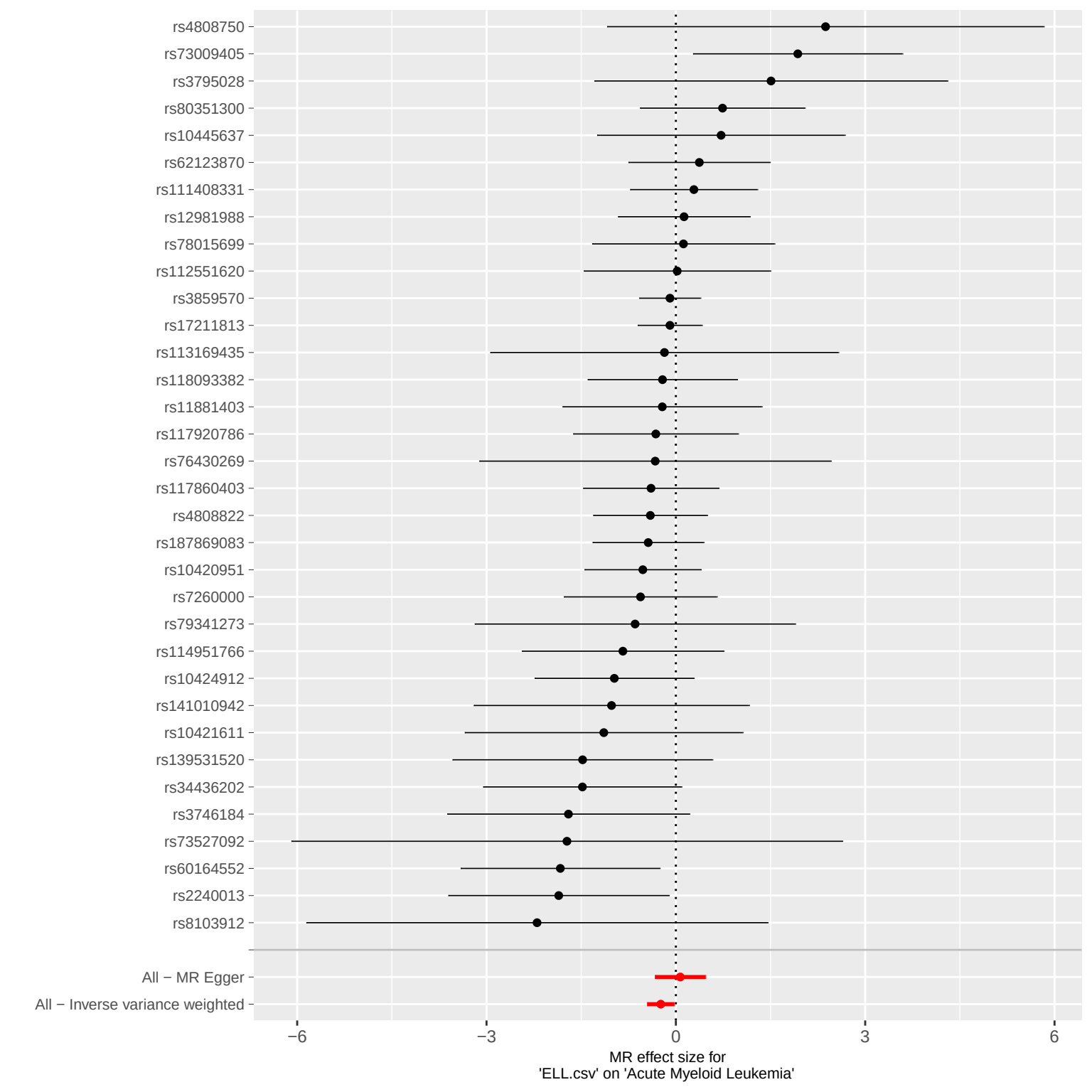
rs141461324
rs138717019
rs11730829
rs4863644
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'ELF2.csv' on 'Acute Myeloid Leukemia'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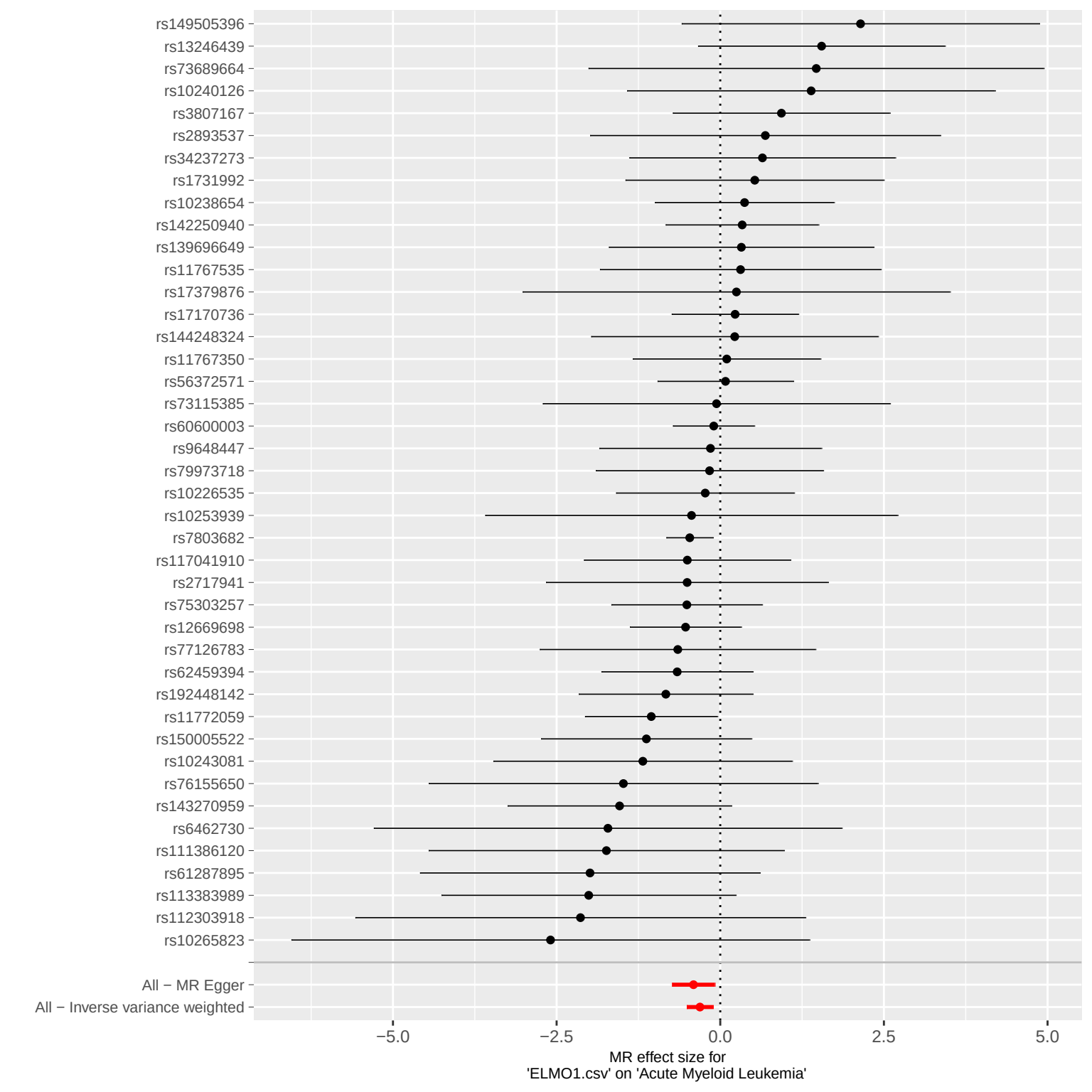
rs3859570
rs17211813
rs113169435
rs118093382
rs11881403
rs117920786
rs76430269
rs117860403
rs4808822
rs187869083
rs10420951
rs7260000
rs79341273
rs114951766
rs10424912
rs141010942
rs10421611
rs139531520
rs34436202
rs3746184
rs73527092
rs60164552
rs2240013
rs8103912
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ELL.csv' on 'Acute Myeloid Leukemia'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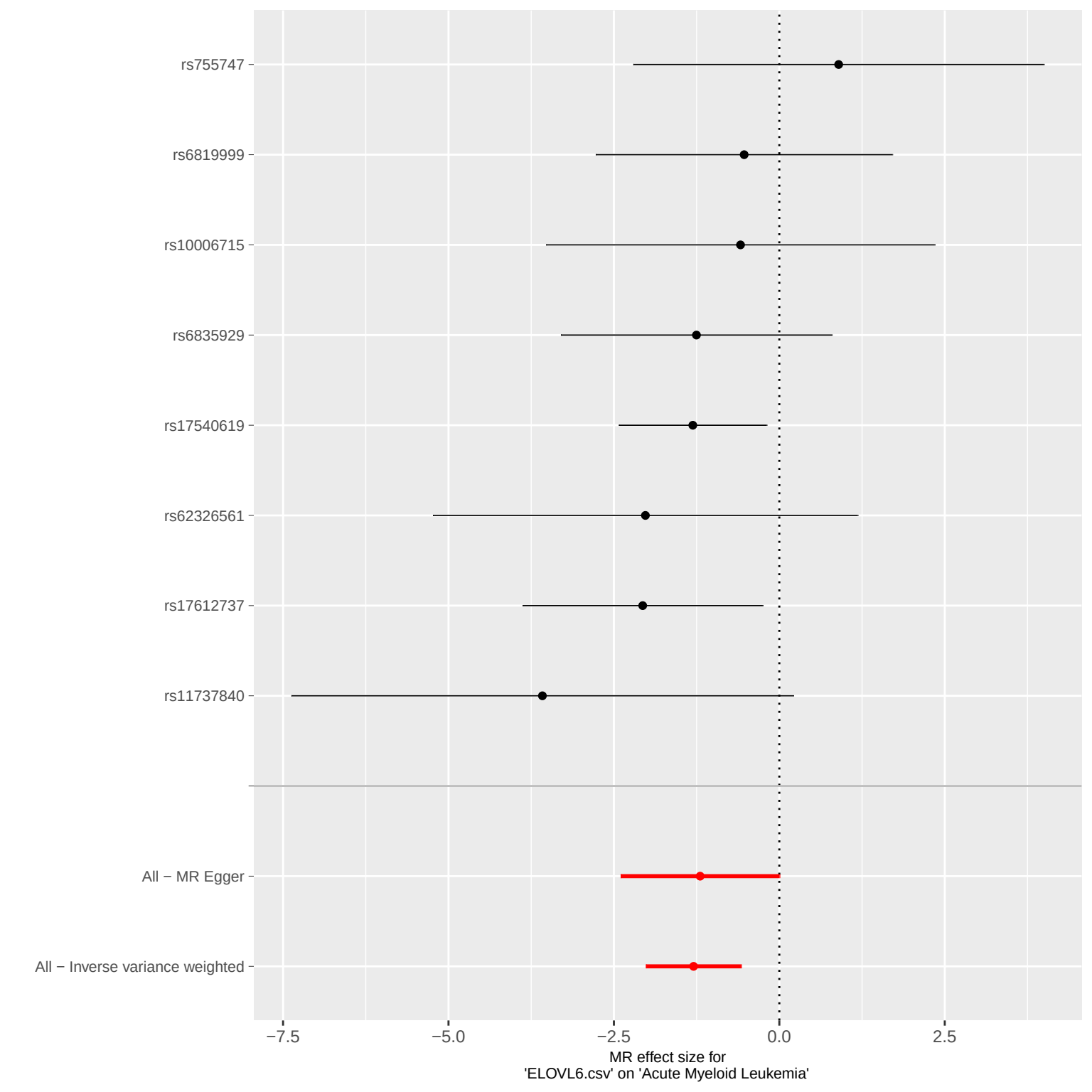
rs10243081
rs76155650
rs143270959
rs6462730
rs111386120
rs61287895
rs113383989
rs112303918
rs10265823
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ELMO1.csv' on 'Acute Myeloid Leukemia'


rs755747
rs6819999
rs10006715
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rs17540619
rs62326561
rs17612737
rs11737840
All − MR Egger
All − Inverse variance weighted
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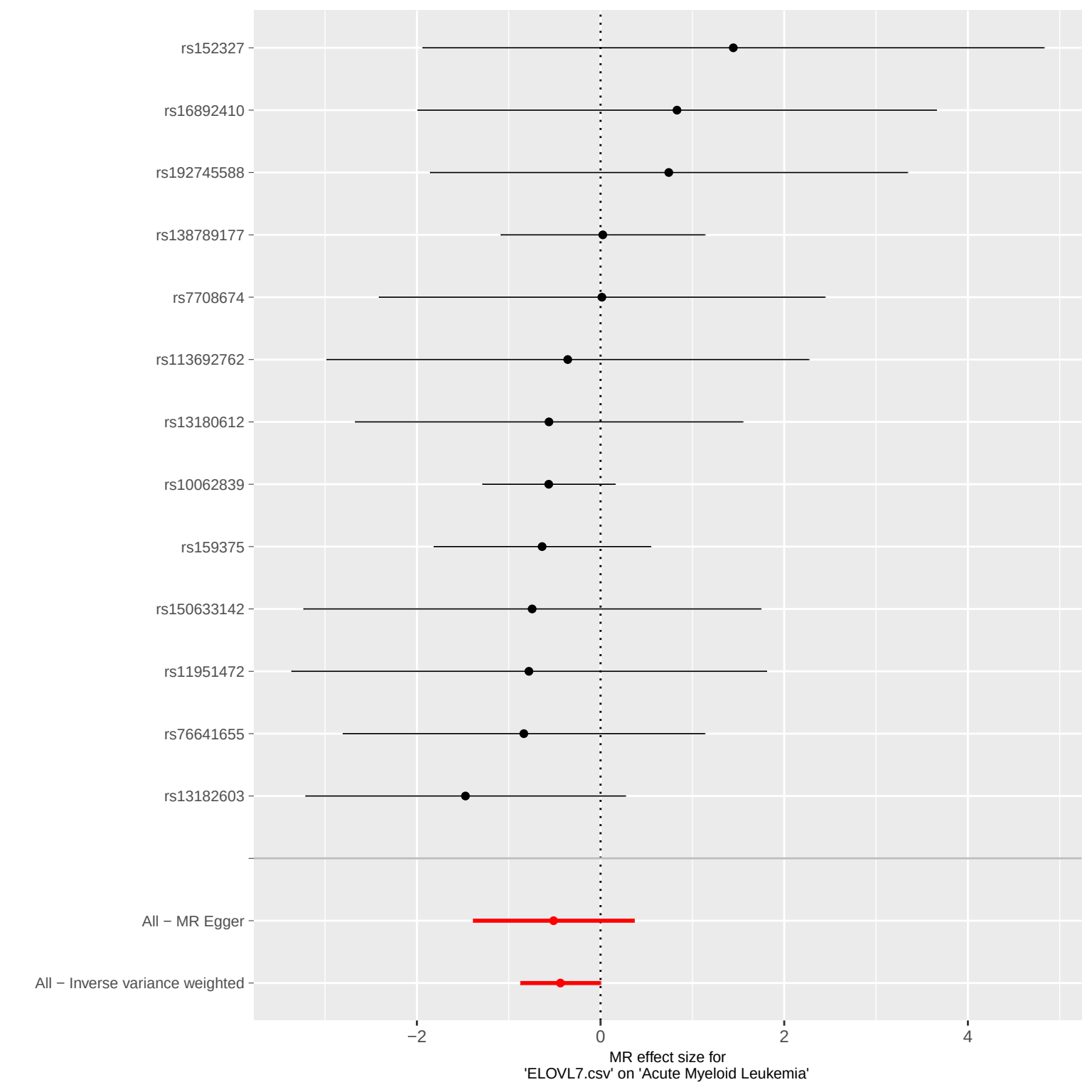
−5.0
−2.5
0.0
2.5
MR effect size for
'ELOVL6.csv' on 'Acute Myeloid Leukemia'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rs7708674
rs113692762
rs13180612
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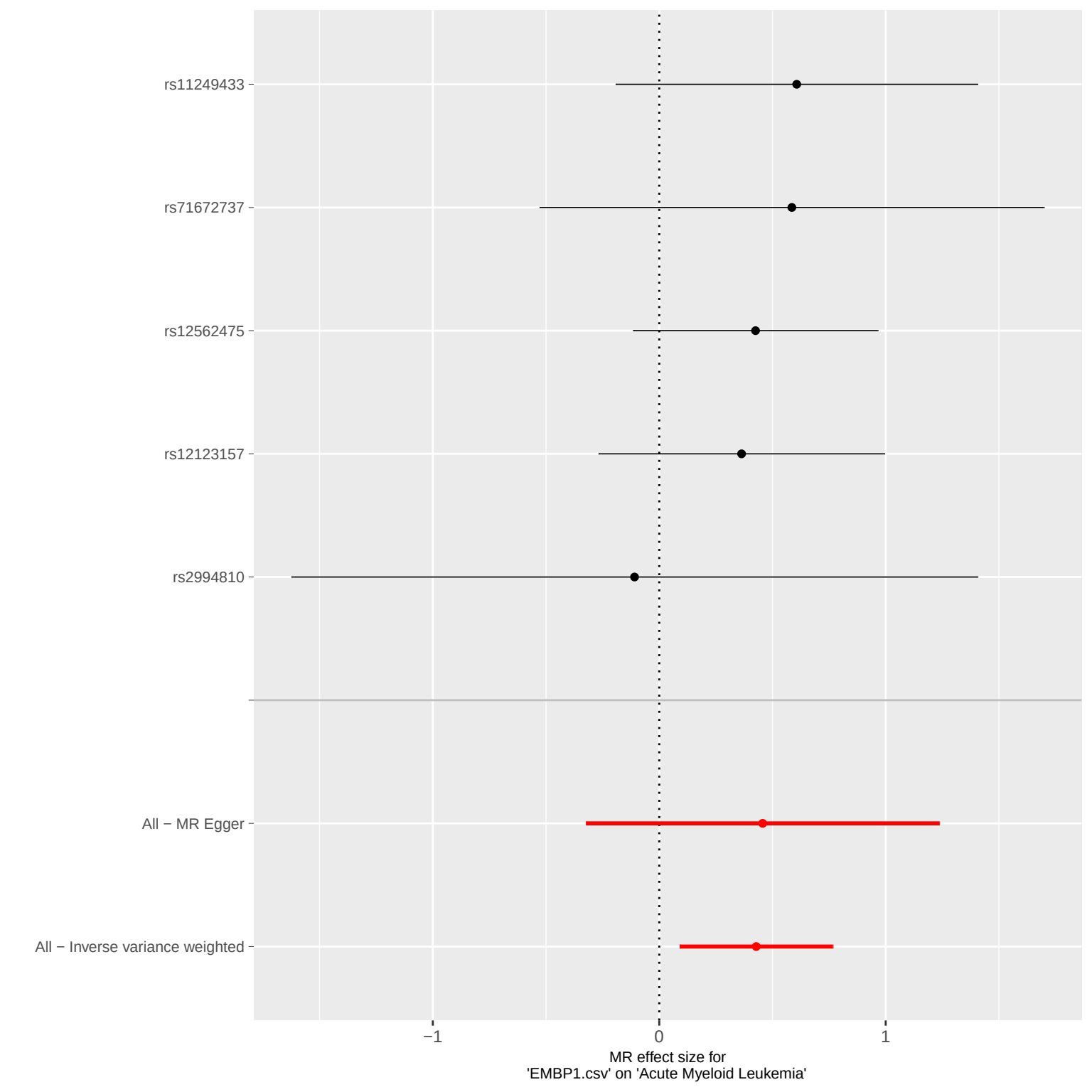
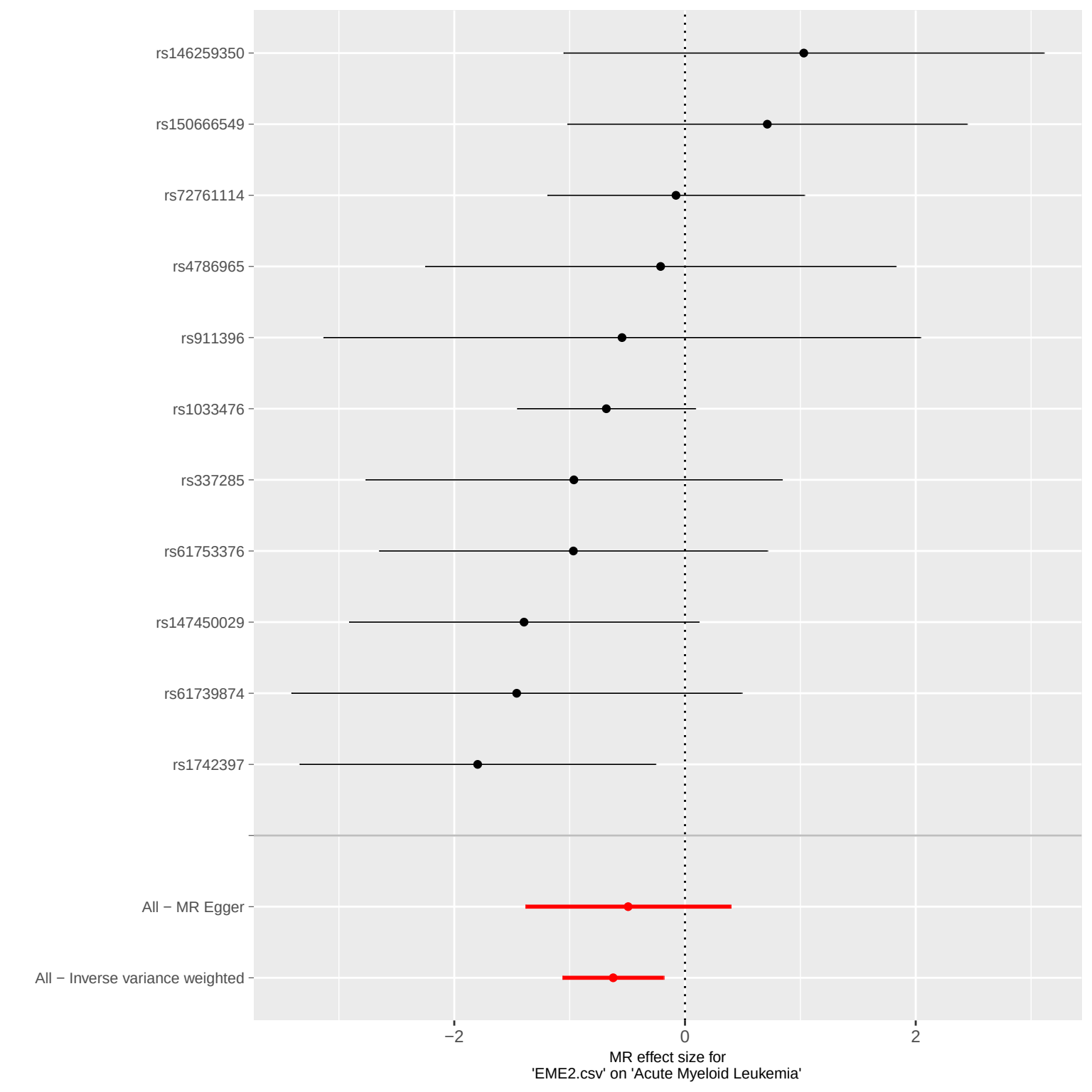
rs159375
rs150633142
rs11951472
rs76641655
rs13182603
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ELOVL7.csv' on 'Acute Myeloid Leukemia'


rs11249433
rs71672737
rs12562475
rs12123157
rs2994810
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'EMBP1.csv' on 'Acute Myeloid Leukemia'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rs911396
rs1033476
rs337285
rs61753376
rs147450029
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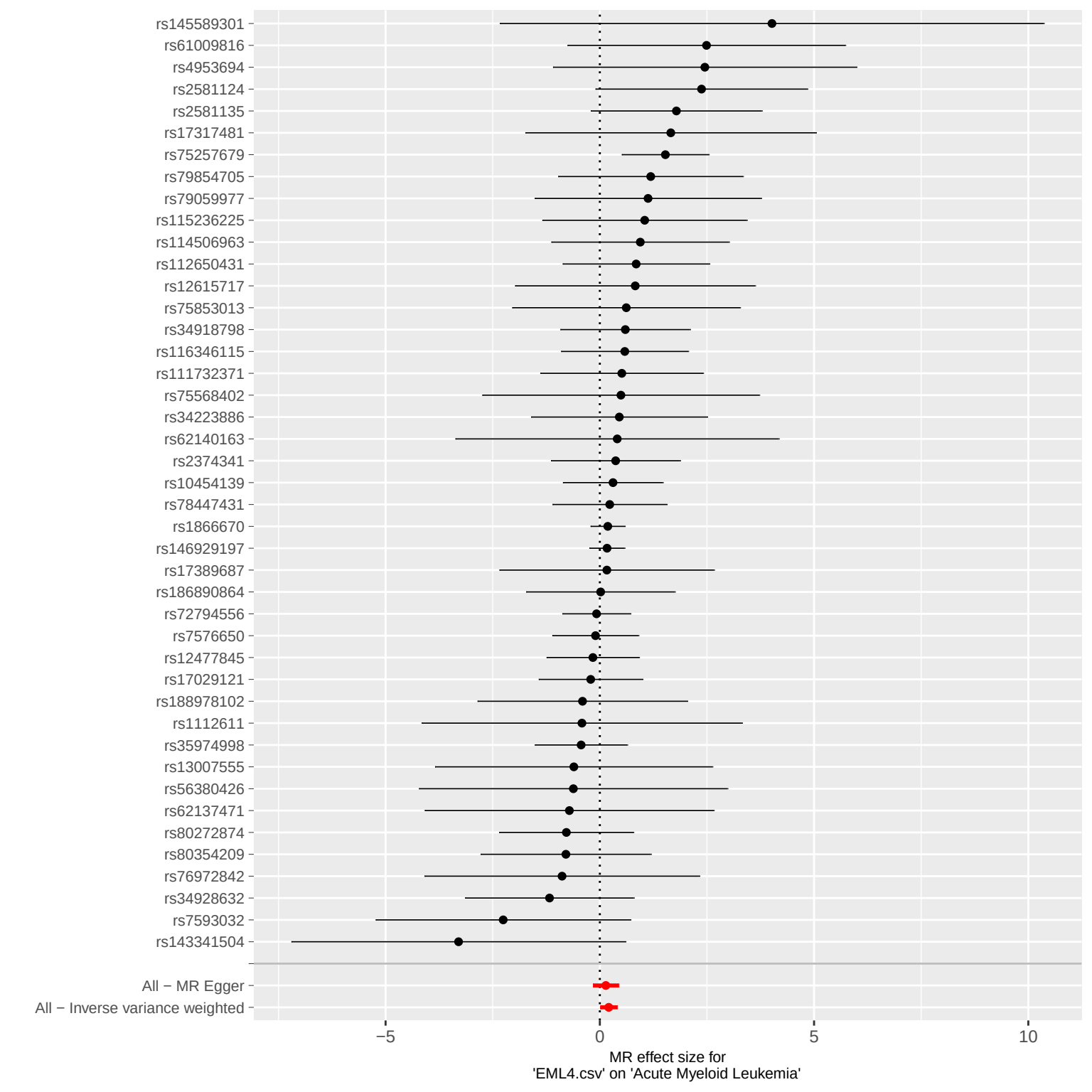
rs1742397
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'EME2.csv' on 'Acute Myeloid Leukemia'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rs13007555
rs56380426
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rs80272874
rs80354209
rs76972842
rs34928632
rs7593032
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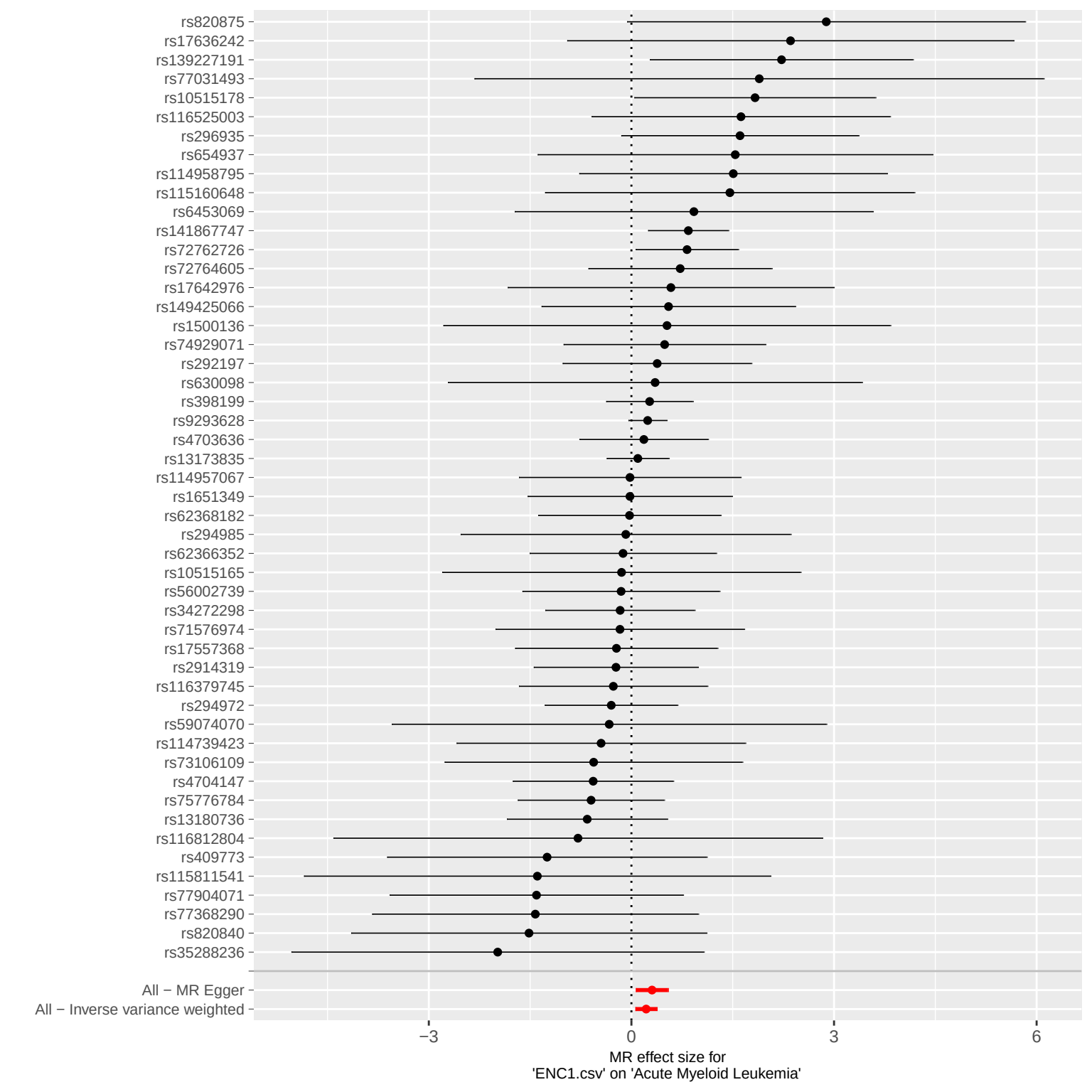
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'EML4.csv' on 'Acute Myeloid Leukemia'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rs72762726
rs72764605
rs17642976
rs149425066
rs1500136
rs74929071
rs292197
rs630098
rs398199
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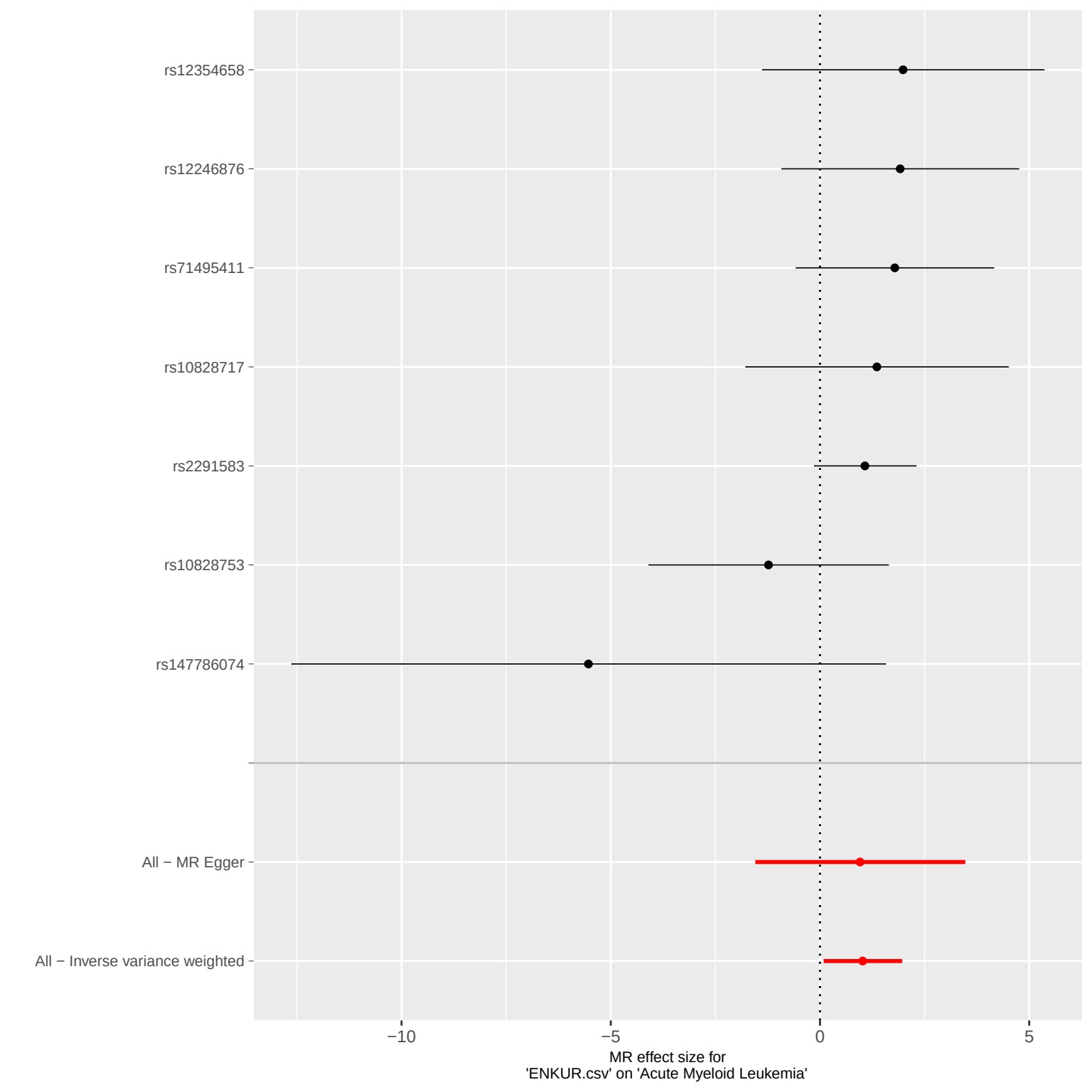
rs13173835
rs114957067
rs1651349
rs62368182
rs294985
rs62366352
rs10515165
rs56002739
rs34272298
rs71576974
rs17557368
rs2914319
rs116379745
rs294972
rs59074070
rs114739423
rs73106109
rs4704147
rs75776784
rs13180736
rs116812804
rs409773
rs115811541
rs77904071
rs77368290
rs820840
rs35288236
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'ENC1.csv' on 'Acute Myeloid Leukemia'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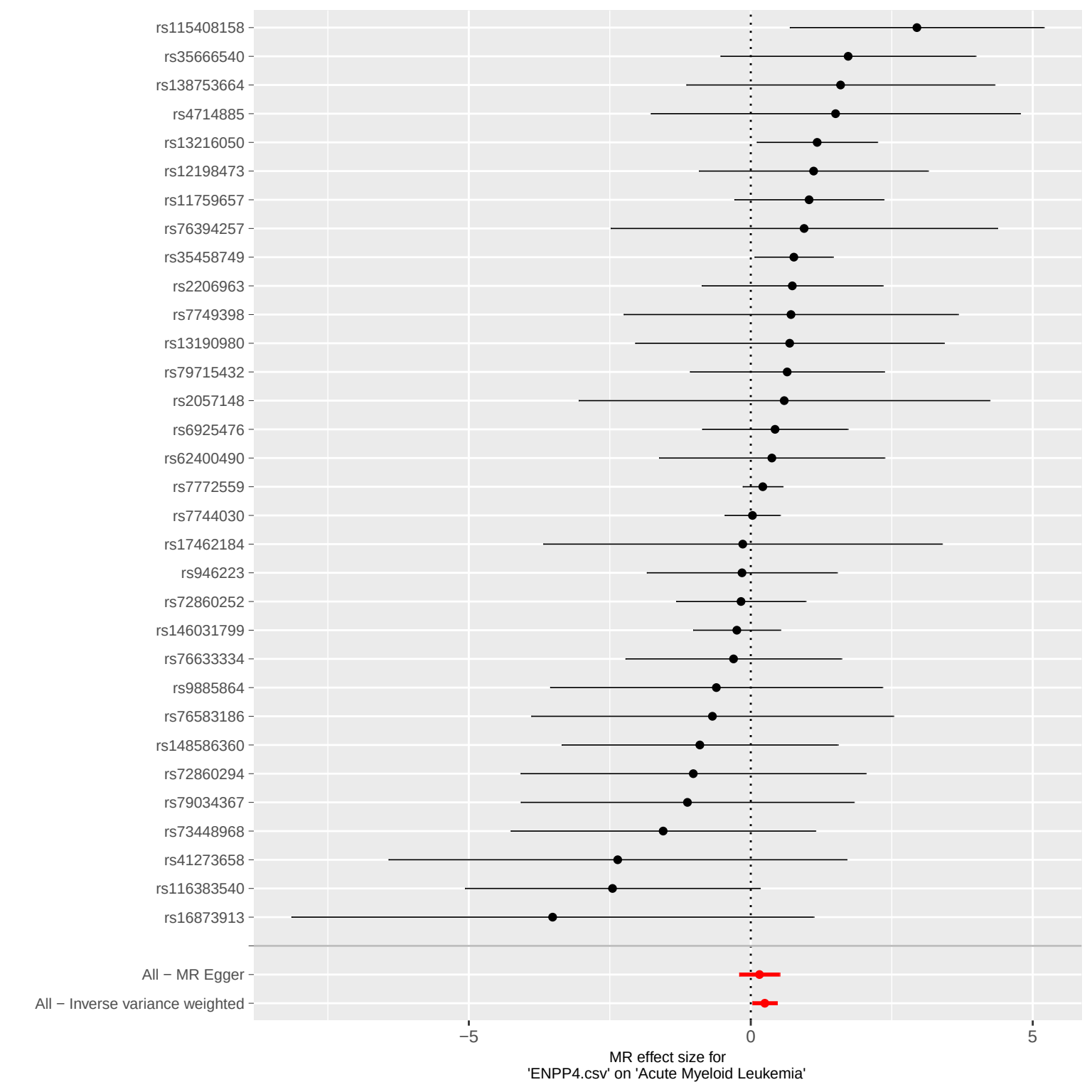
rs12246876
rs71495411
rs10828717
rs2291583
rs10828753
rs147786074
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ENKUR.csv' on 'Acute Myeloid Leukemia'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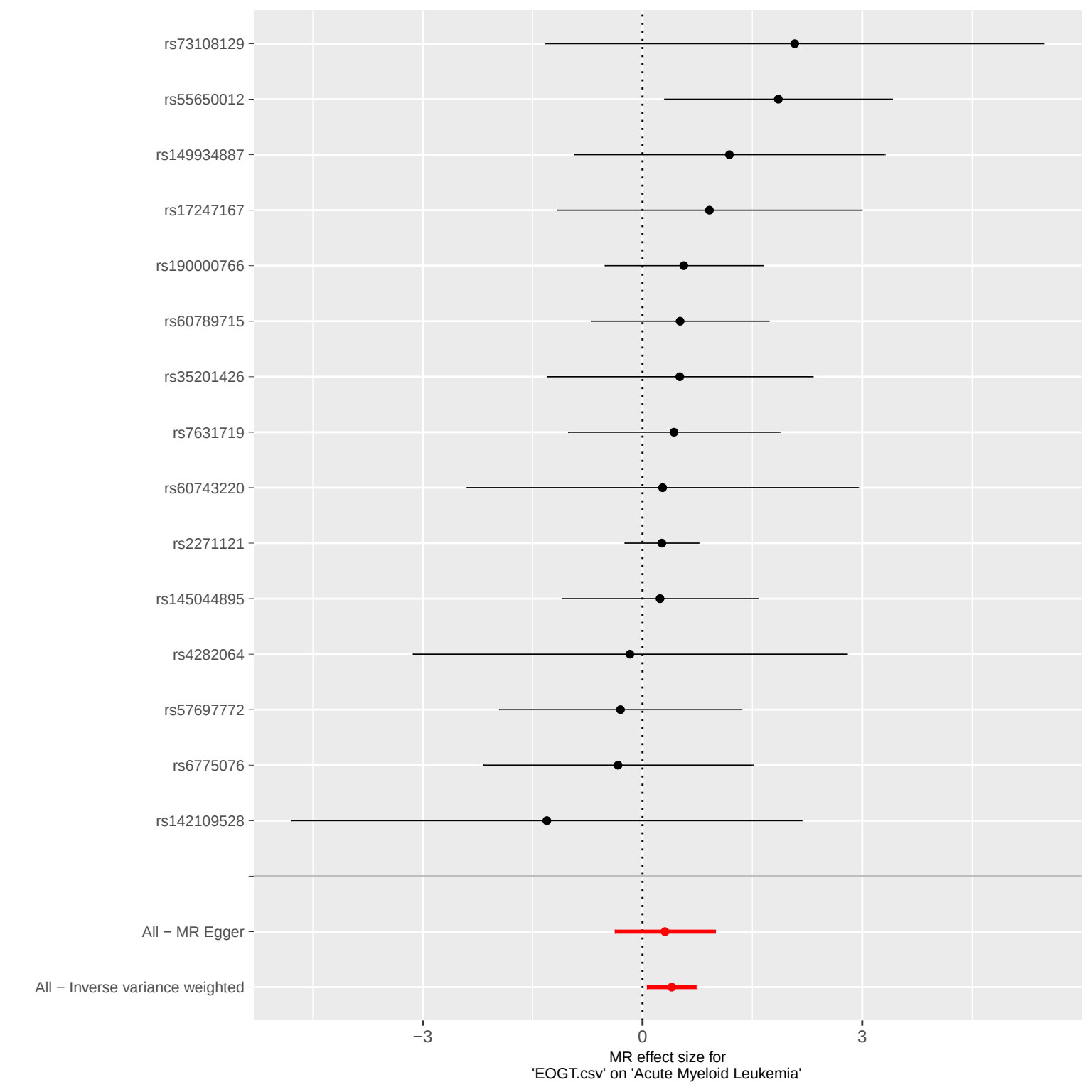
rs76394257
rs35458749
rs2206963
rs7749398
rs13190980
rs79715432
rs2057148
rs6925476
rs62400490
rs7772559
rs7744030
rs17462184
rs946223
rs72860252
rs146031799
rs76633334
rs9885864
rs76583186
rs148586360
rs72860294
rs79034367
rs73448968
rs41273658
rs116383540
rs16873913
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ENPP4.csv' on 'Acute Myeloid Leukemia'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rs35201426
rs7631719
rs60743220
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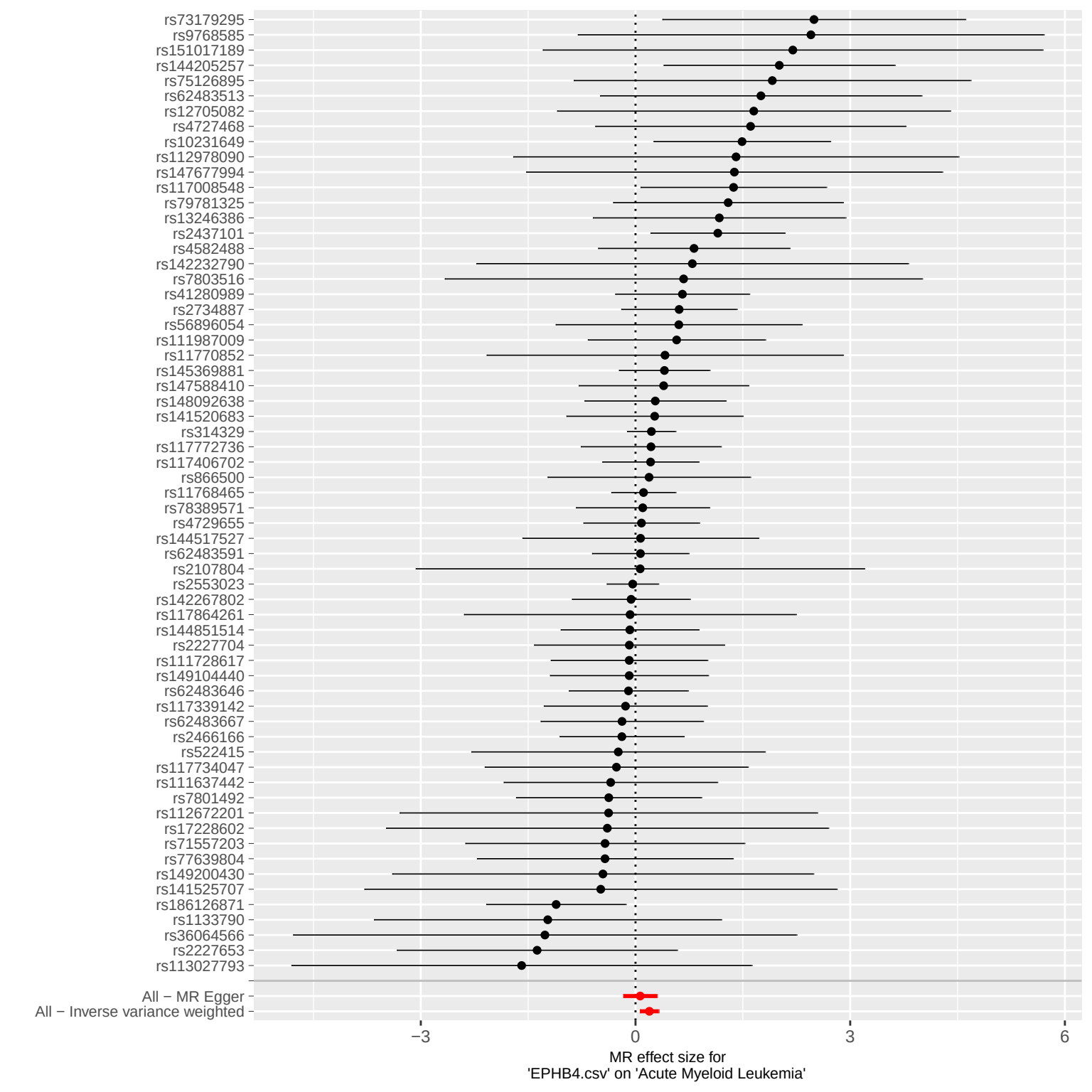
rs145044895
rs4282064
rs57697772
rs6775076
rs142109528
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'EOGT.csv' on 'Acute Myeloid Leukemia'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rs62483591
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rs2553023
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rs117864261
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rs2466166
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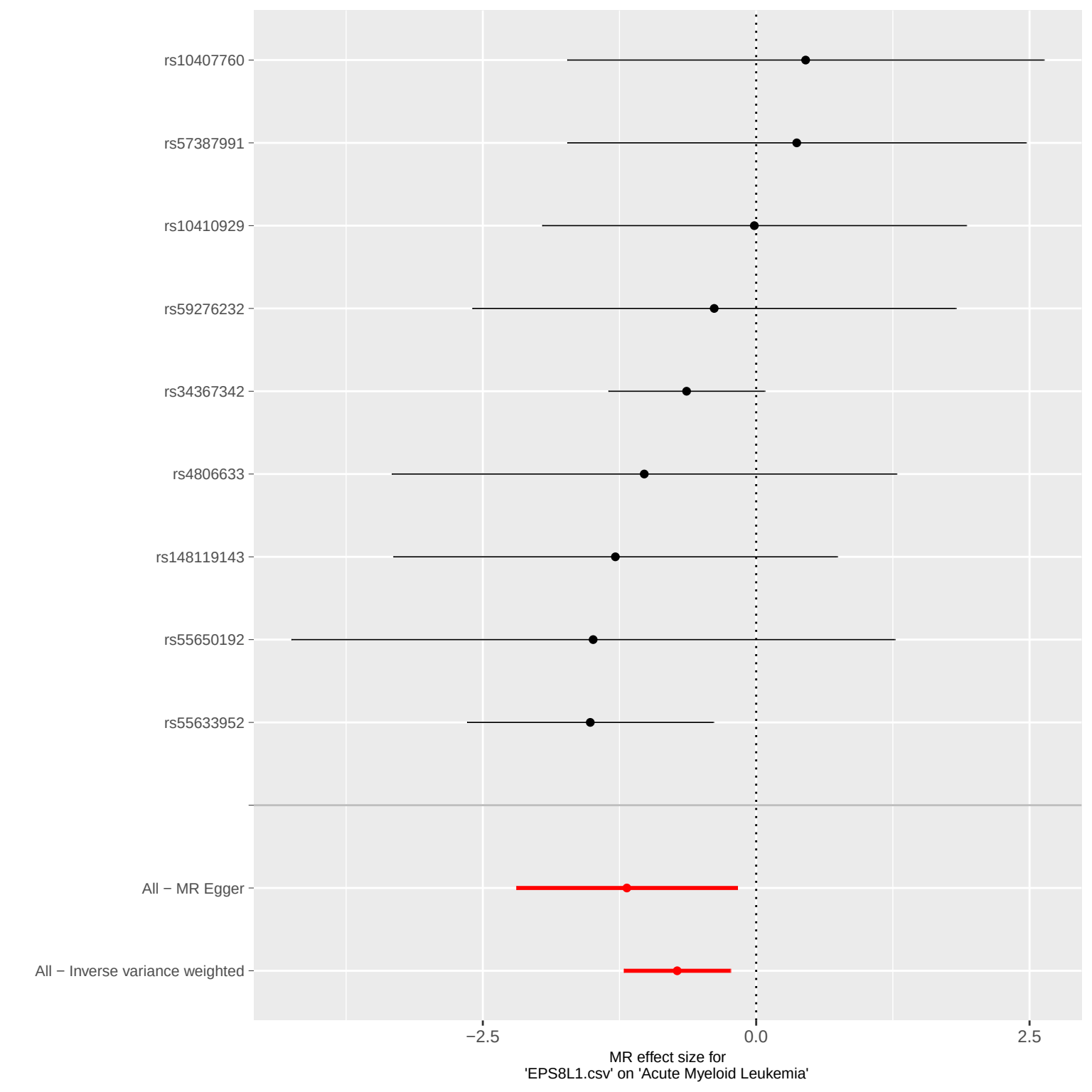
rs71557203
rs77639804
rs149200430
rs141525707
rs186126871
rs1133790
rs36064566
rs2227653
rs113027793
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'EPHB4.csv' on 'Acute Myeloid Leukemia'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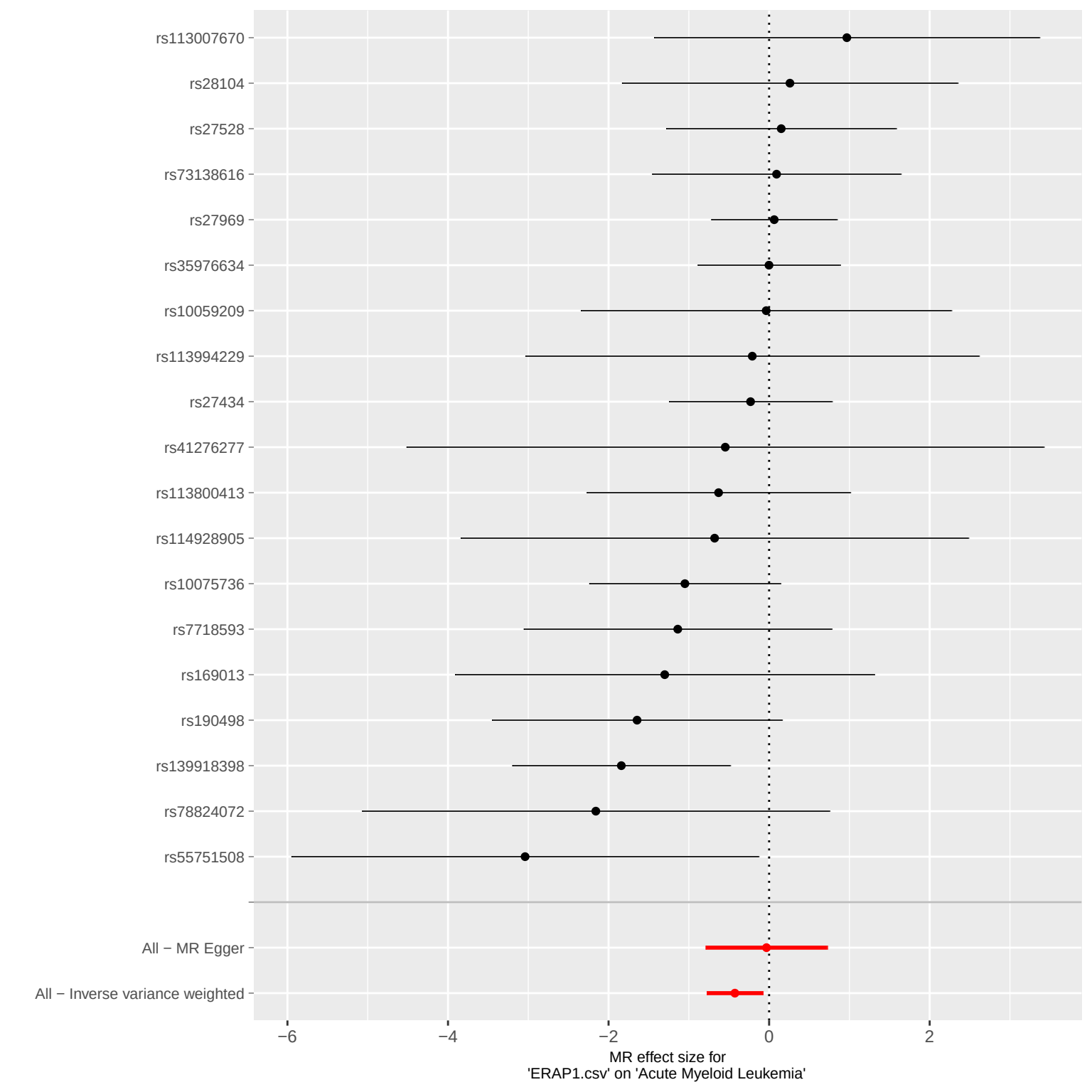
rs57387991
rs10410929
rs59276232
rs34367342
rs4806633
rs148119143
rs55650192
rs55633952
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'EPS8L1.csv' on 'Acute Myeloid Leukemia'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rs41276277
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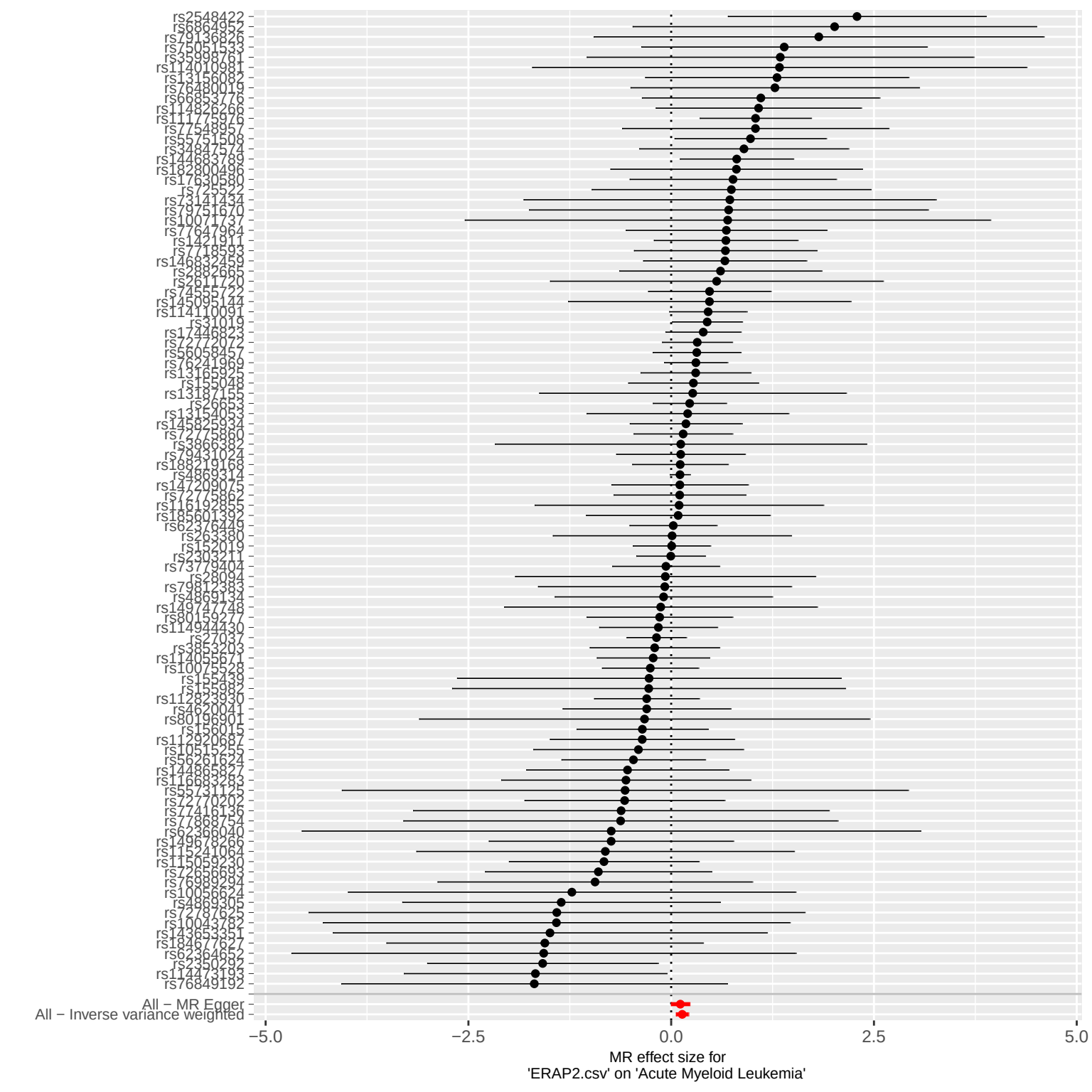
rs114928905
rs10075736
rs7718593
rs169013
rs190498
rs139918398
rs78824072
rs55751508
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ERAP1.csv' on 'Acute Myeloid Leukemia'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rs117175976
rs77548957
rs55751508
rs34847574
rs144883789
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rs17630580
rs725522
rs73141434
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rs10071737
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rs7718593
rs146832459
rs2882665
rs2611720
rs74555722
rs145095144
rs114110091
rs31019
rs17446823
rs72772072
rs56058457
rs76241969
rs13165925
rs155048
rs13187155
rs26653
rs13154053
rs145825934
rs72775860
rs3866382
rs79431024
rs188219168
rs4869314
rs147209075
rs72775862
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rs185601382
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rs230211
rs73778404
rs28094
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rs149747746
rs80159277
rs114944430
rs27037
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rs155987
rs112823930
rs4620041
rs80196901
rs156015
rs112920687
rs10515255
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rs72770202
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rs77868754
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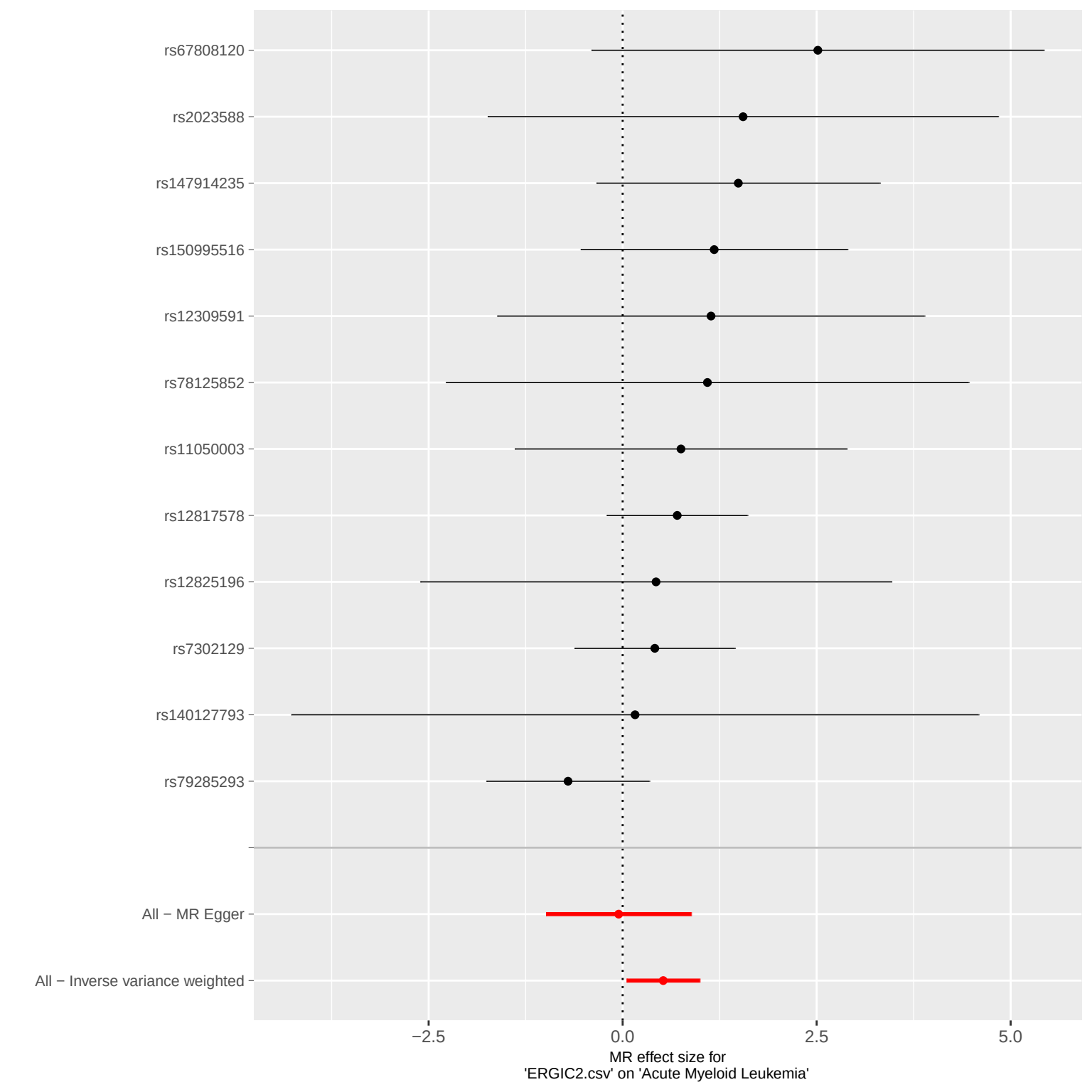
rs10056624
rs4869305
rs72787625
rs10043782
rs143653351
rs184677627
rs62364652
rs2350292
rs144473193
rs76849192
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ERAP2.csv' on 'Acute Myeloid Leukemia'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rs147914235
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rs12309591
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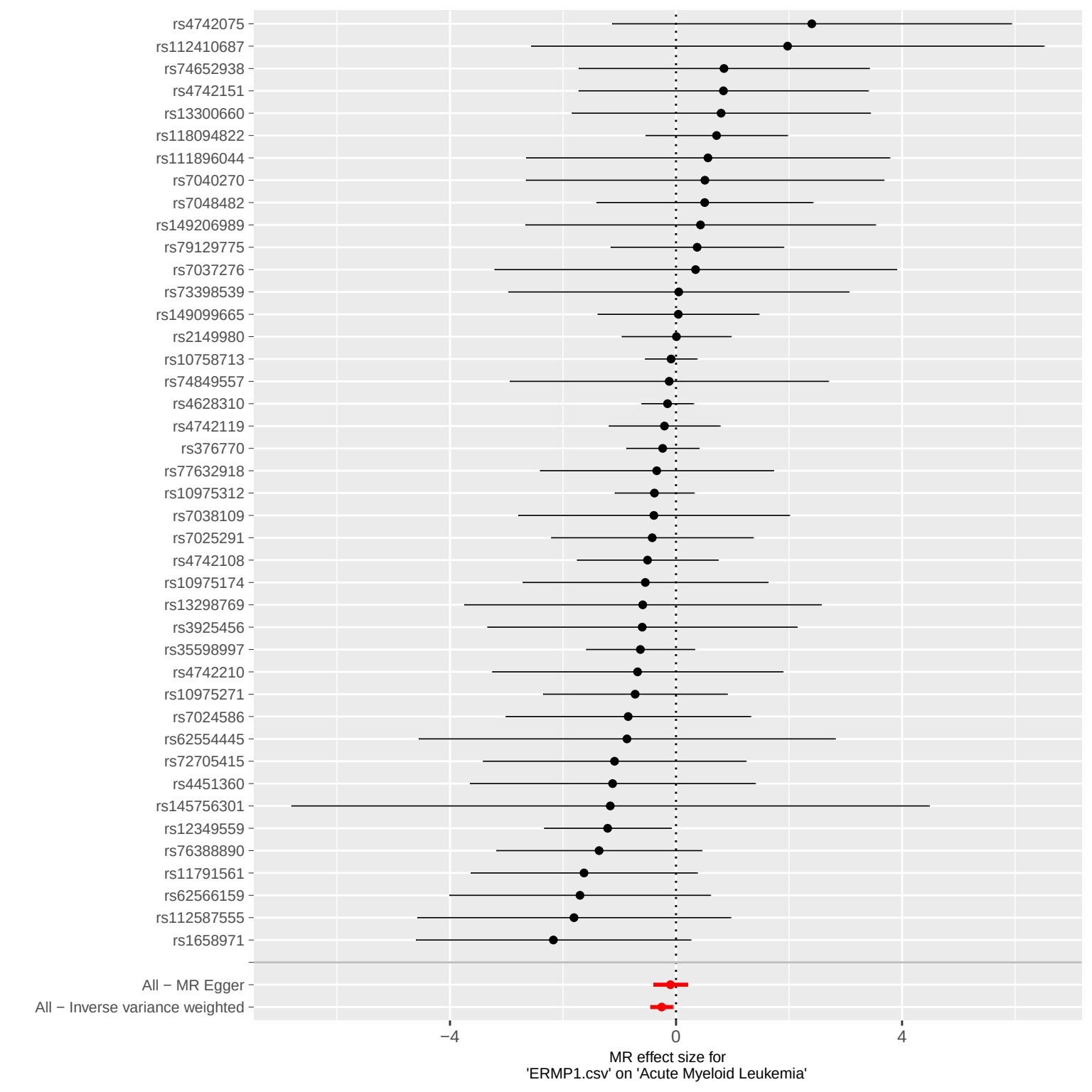
rs7302129
rs140127793
rs79285293
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ERGIC2.csv' on 'Acute Myeloid Leukemia'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rs74849557
rs4628310
rs4742119
rs376770
rs77632918
rs10975312
rs7038109
rs7025291
rs4742108
rs10975174
rs13298769
rs3925456
rs35598997
rs4742210
rs10975271
rs7024586
rs62554445
rs72705415
rs4451360
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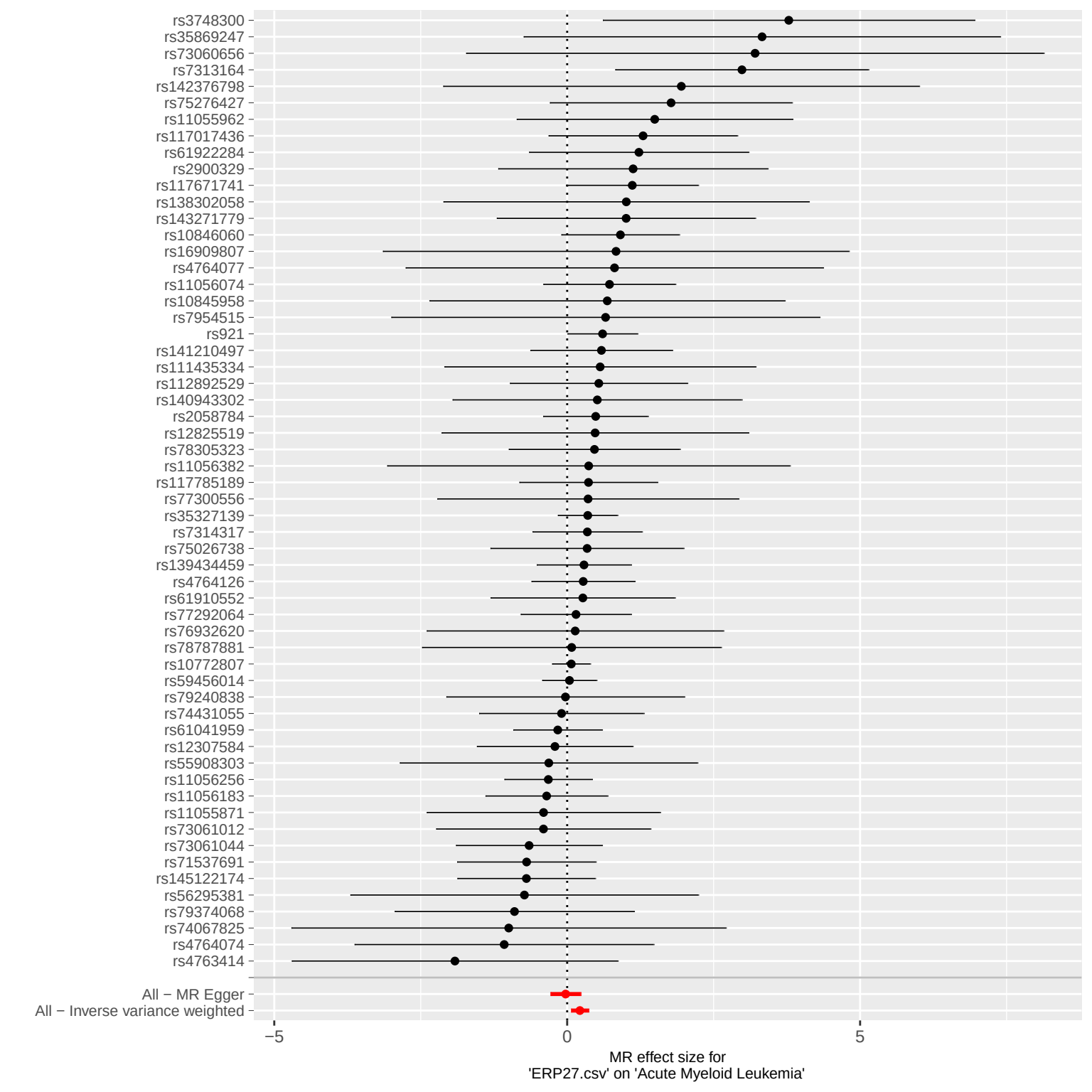
rs12349559
rs76388890
rs11791561
rs62566159
rs112587555
rs1658971
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ERMP1.csv' on 'Acute Myeloid Leukemia'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rs138302058
rs143271779
rs10846060
rs16909807
rs4764077
rs11056074
rs10845958
rs7954515
rs921
rs141210497
rs111435334
rs112892529
rs140943302
rs2058784
rs12825519
rs78305323
rs11056382
rs117785189
rs77300556
rs35327139
rs7314317
rs75026738
rs139434459
rs4764126
rs61910552
rs77292064
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rs78787881
rs10772807
rs59456014
rs79240838
rs74431055
rs61041959
rs12307584
rs55908303
rs11056256
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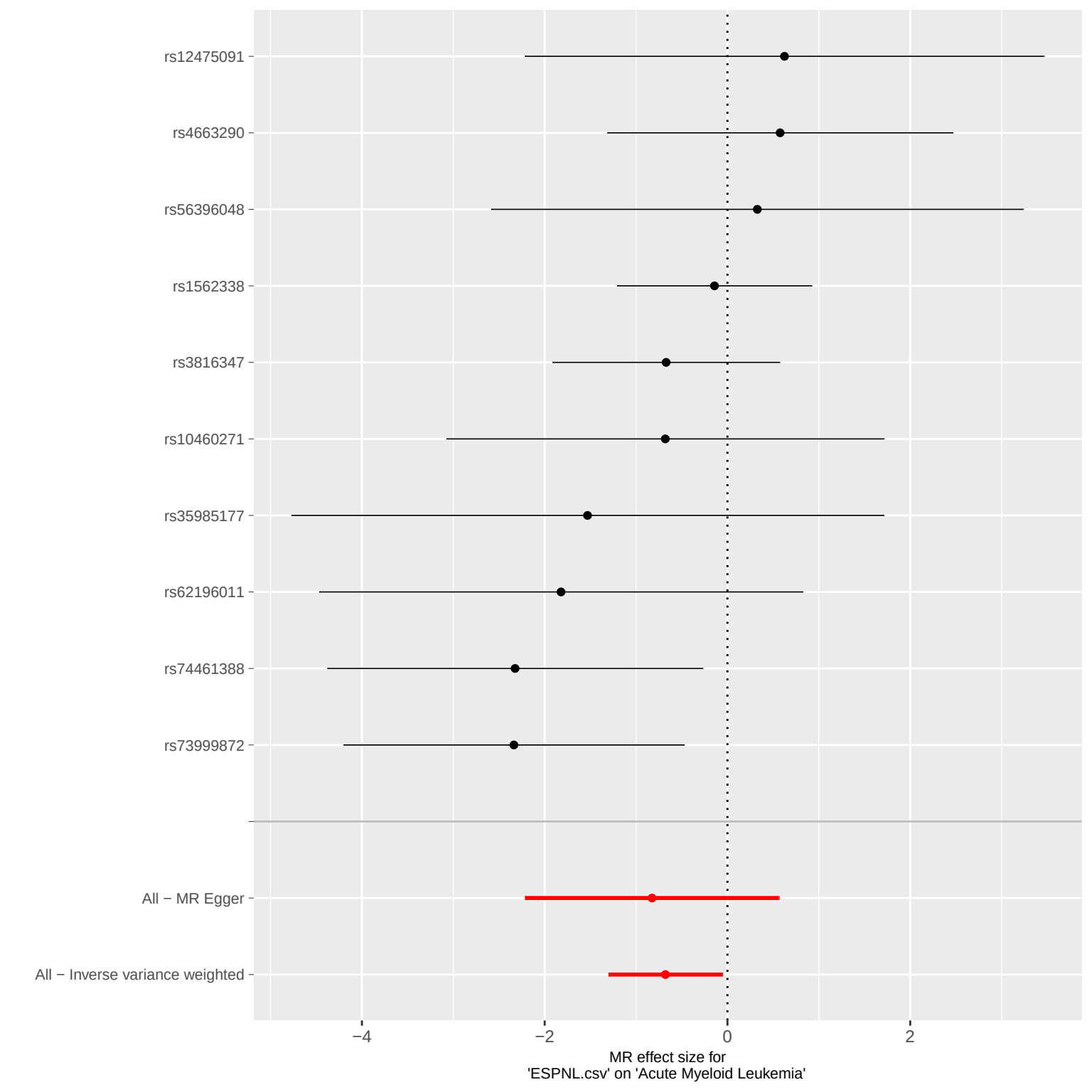
rs11055871
rs73061012
rs73061044
rs71537691
rs145122174
rs56295381
rs79374068
rs74067825
rs4764074
rs4763414
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ERP27.csv' on 'Acute Myeloid Leukemia'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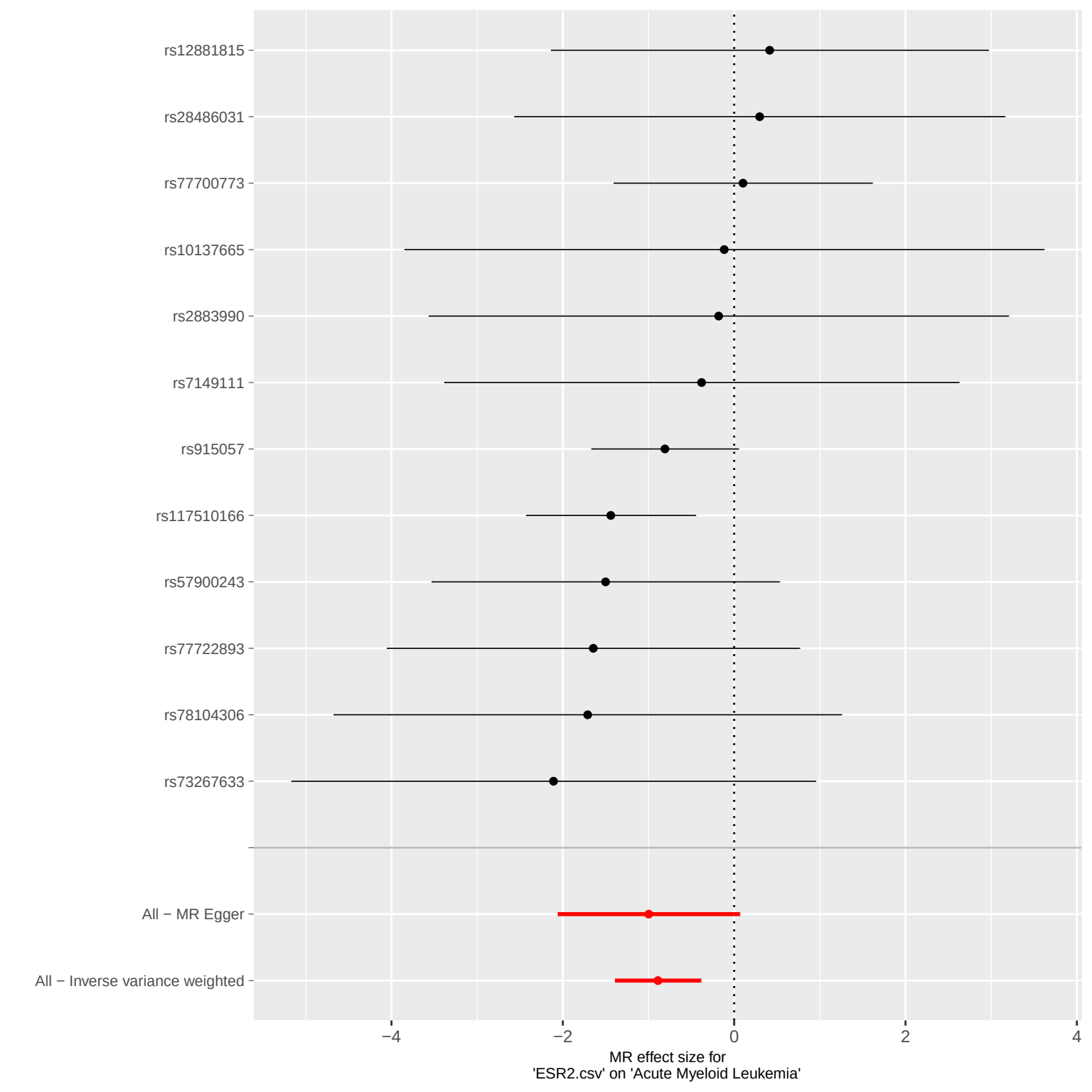
rs4663290
rs56396048
rs1562338
rs3816347
rs10460271
rs35985177
rs62196011
rs74461388
rs73999872
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ESPNL.csv' on 'Acute Myeloid Leukemia'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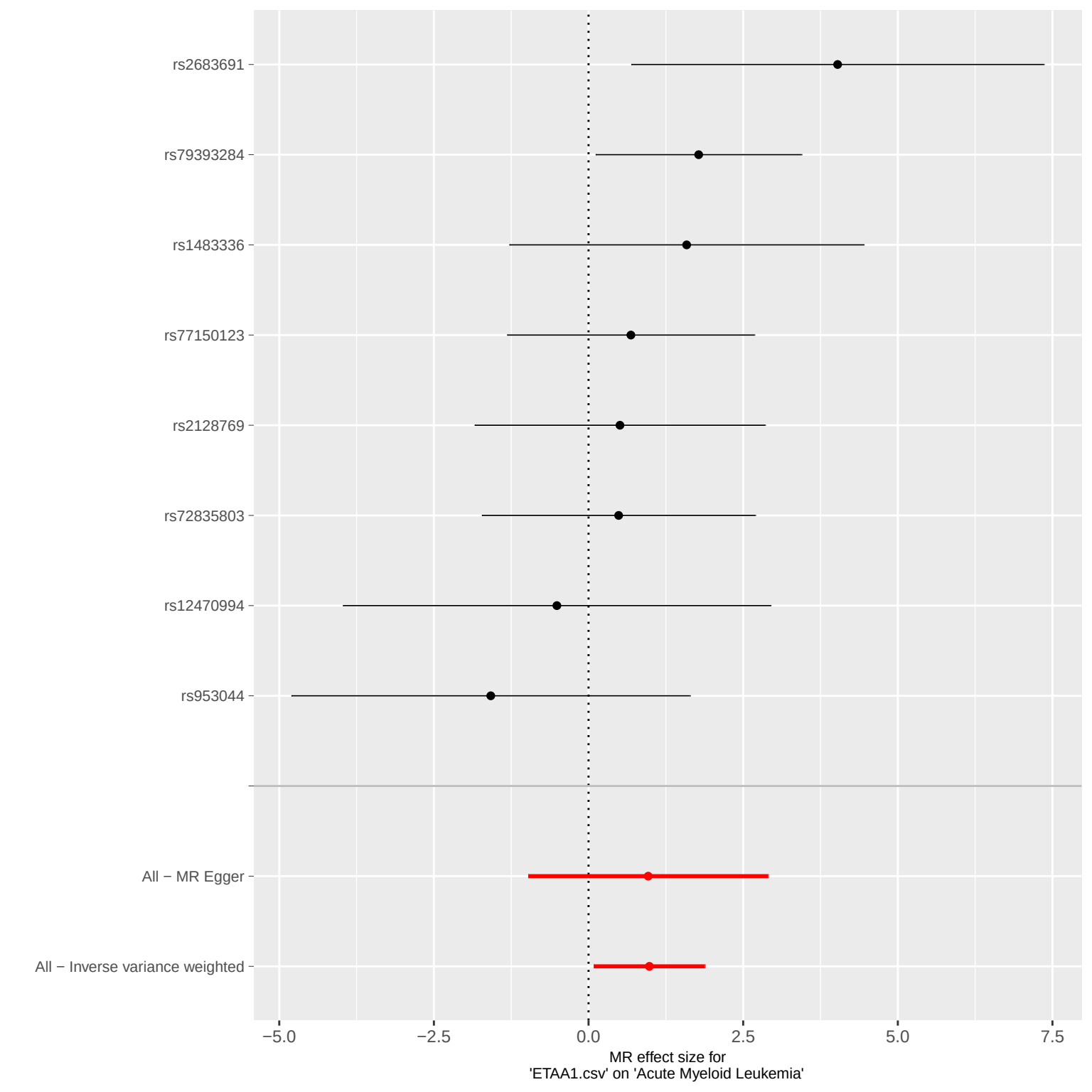
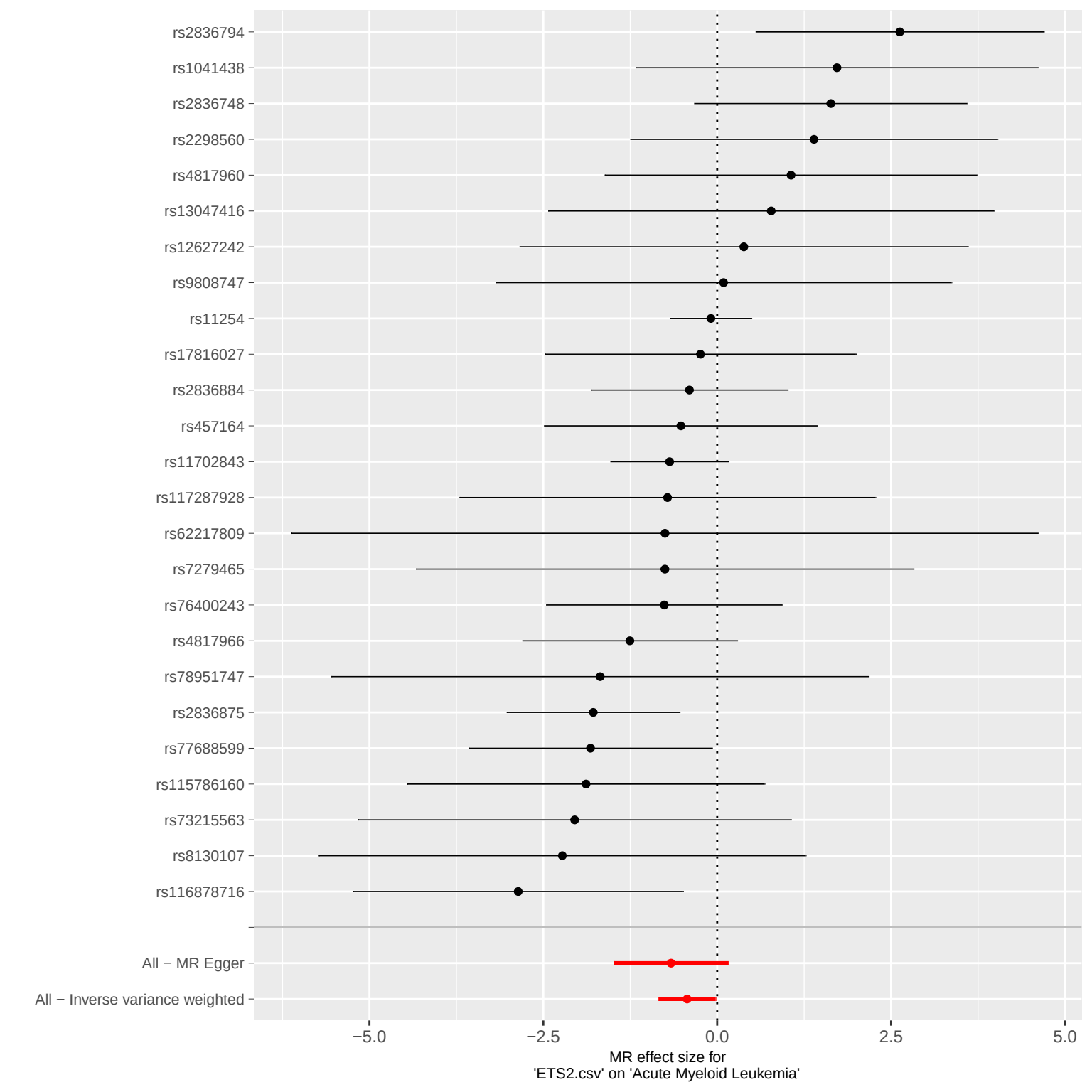
rs28486031
rs77700773
rs10137665
rs2883990
rs7149111
rs915057
rs117510166
rs57900243
rs77722893
rs78104306
rs73267633
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ESR2.csv' on 'Acute Myeloid Leukemia'


rs2683691
rs79393284
rs1483336
rs77150123
rs2128769
rs72835803
rs12470994
rs953044
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'ETAA1.csv' on 'Acute Myeloid Leukemia'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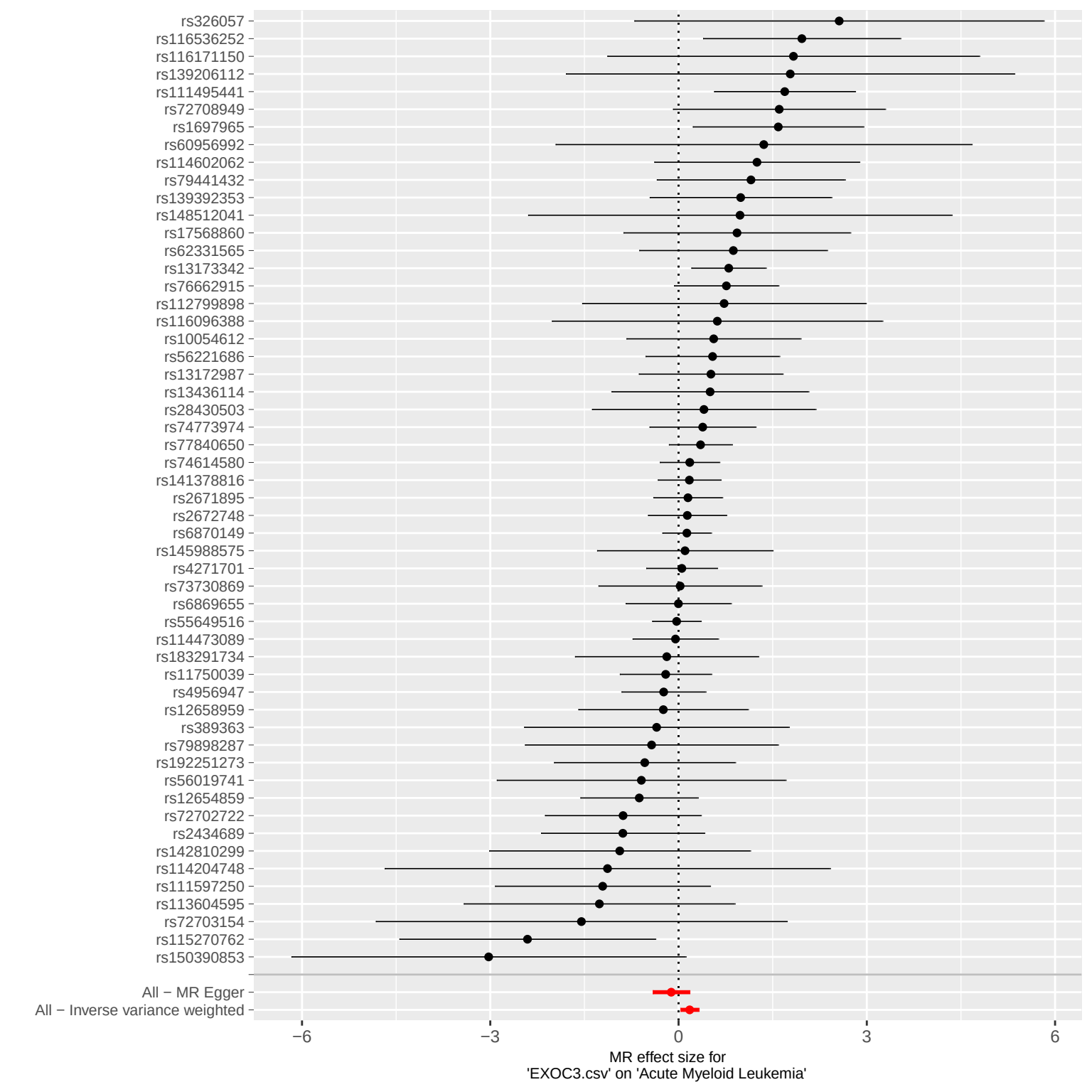
rs457164
rs11702843
rs117287928
rs62217809
rs7279465
rs76400243
rs4817966
rs78951747
rs2836875
rs77688599
rs115786160
rs73215563
rs8130107
rs116878716
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ETS2.csv' on 'Acute Myeloid Leukemia'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rs13172987
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rs4271701
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rs4956947
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rs389363
rs79898287
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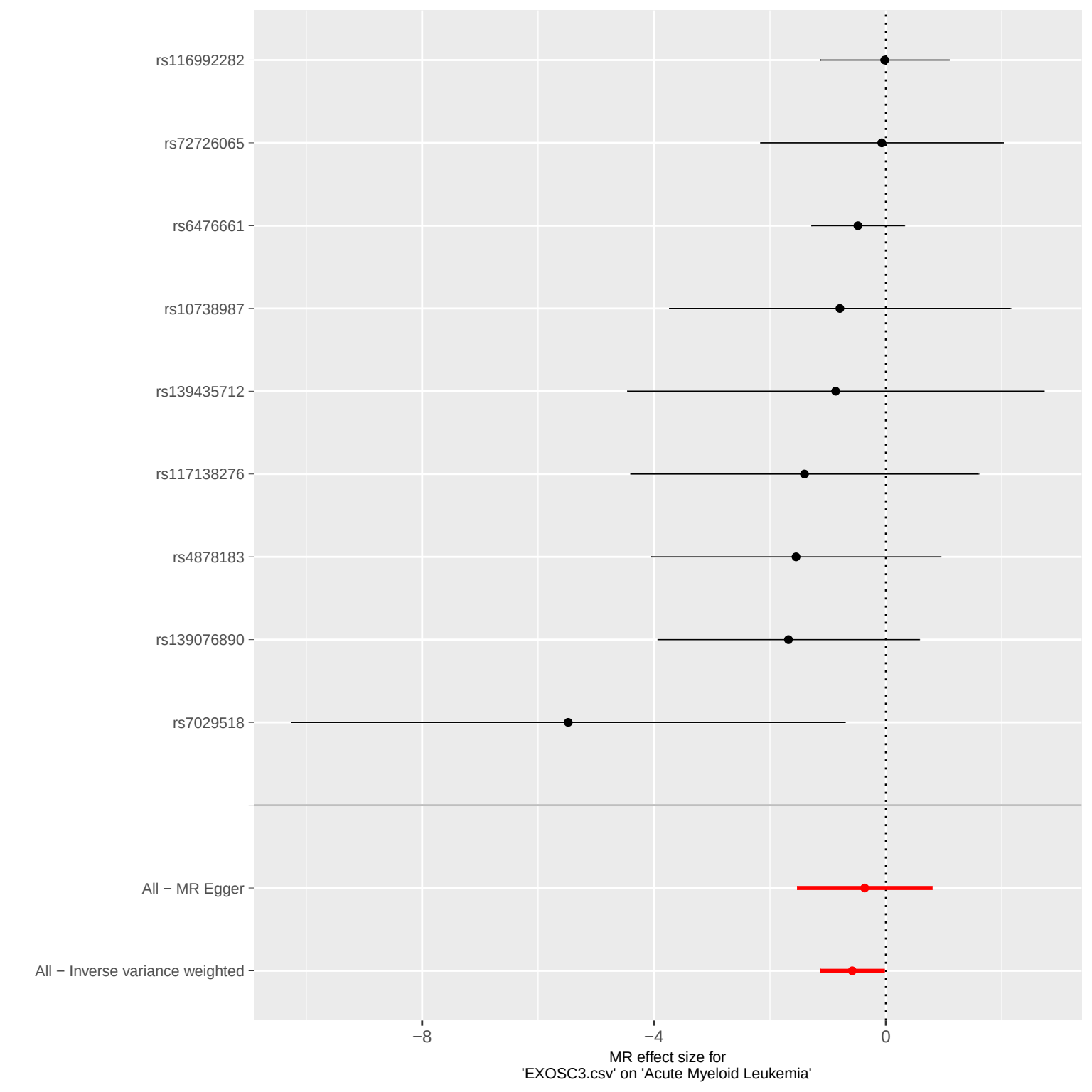
rs56019741
rs12654859
rs72702722
rs2434689
rs142810299
rs114204748
rs111597250
rs113604595
rs72703154
rs115270762
rs150390853
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'EXOC3.csv' on 'Acute Myeloid Leukemia'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rs72726065
rs6476661
rs10738987
rs139435712
rs117138276
rs4878183
rs139076890
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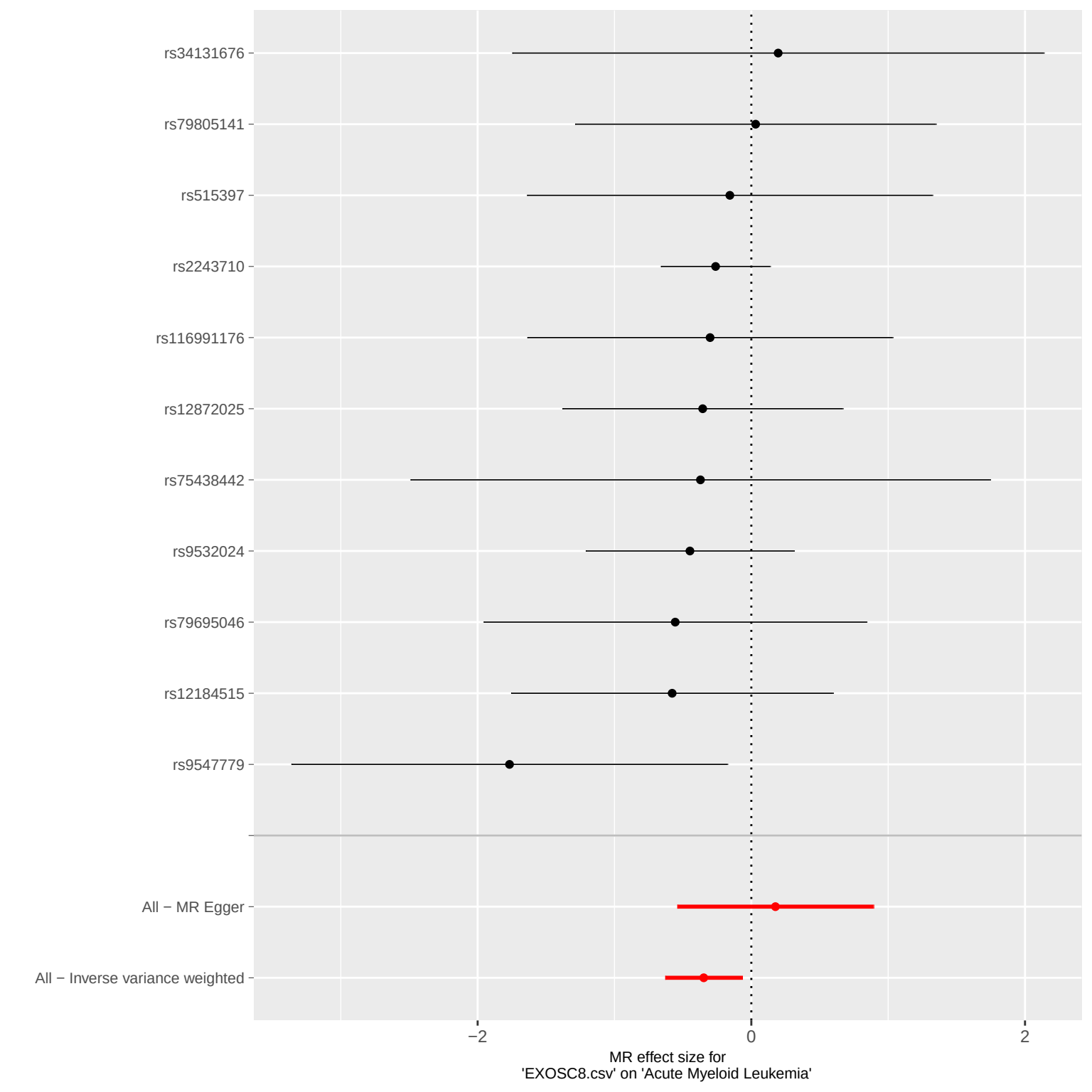
All − Inverse variance weighted
−8
−4
0
MR effect size for
'EXOSC3.csv' on 'Acute Myeloid Leukemia'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rs79805141
rs515397
rs2243710
rs116991176
rs12872025
rs75438442
rs9532024
rs79695046
rs12184515
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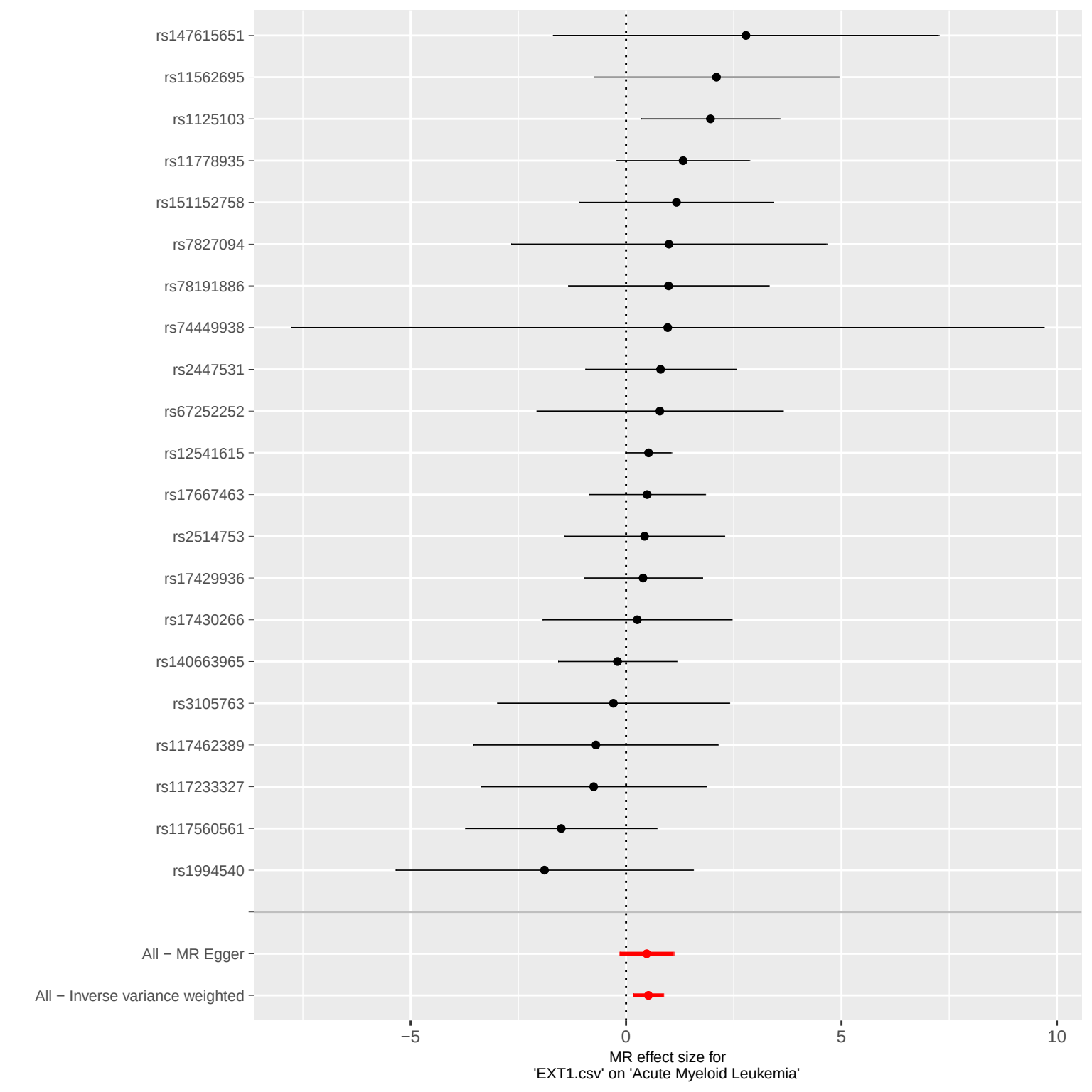
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'EXOSC8.csv' on 'Acute Myeloid Leukemia'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rs17667463
rs2514753
rs17429936
rs17430266
rs140663965
rs3105763
rs117462389
rs117233327
rs117560561
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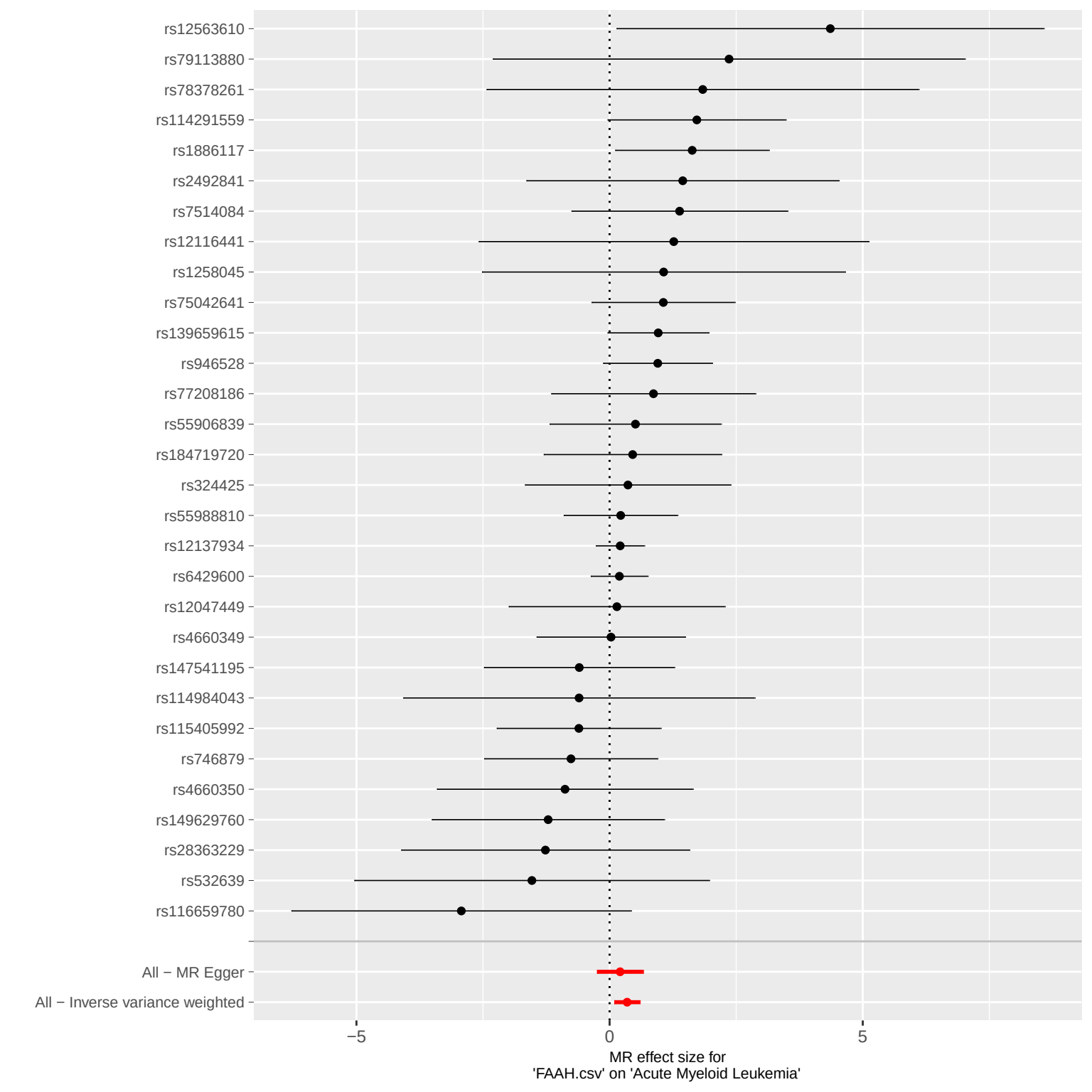
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'EXT1.csv' on 'Acute Myeloid Leukemia'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rs77208186
rs55906839
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rs324425
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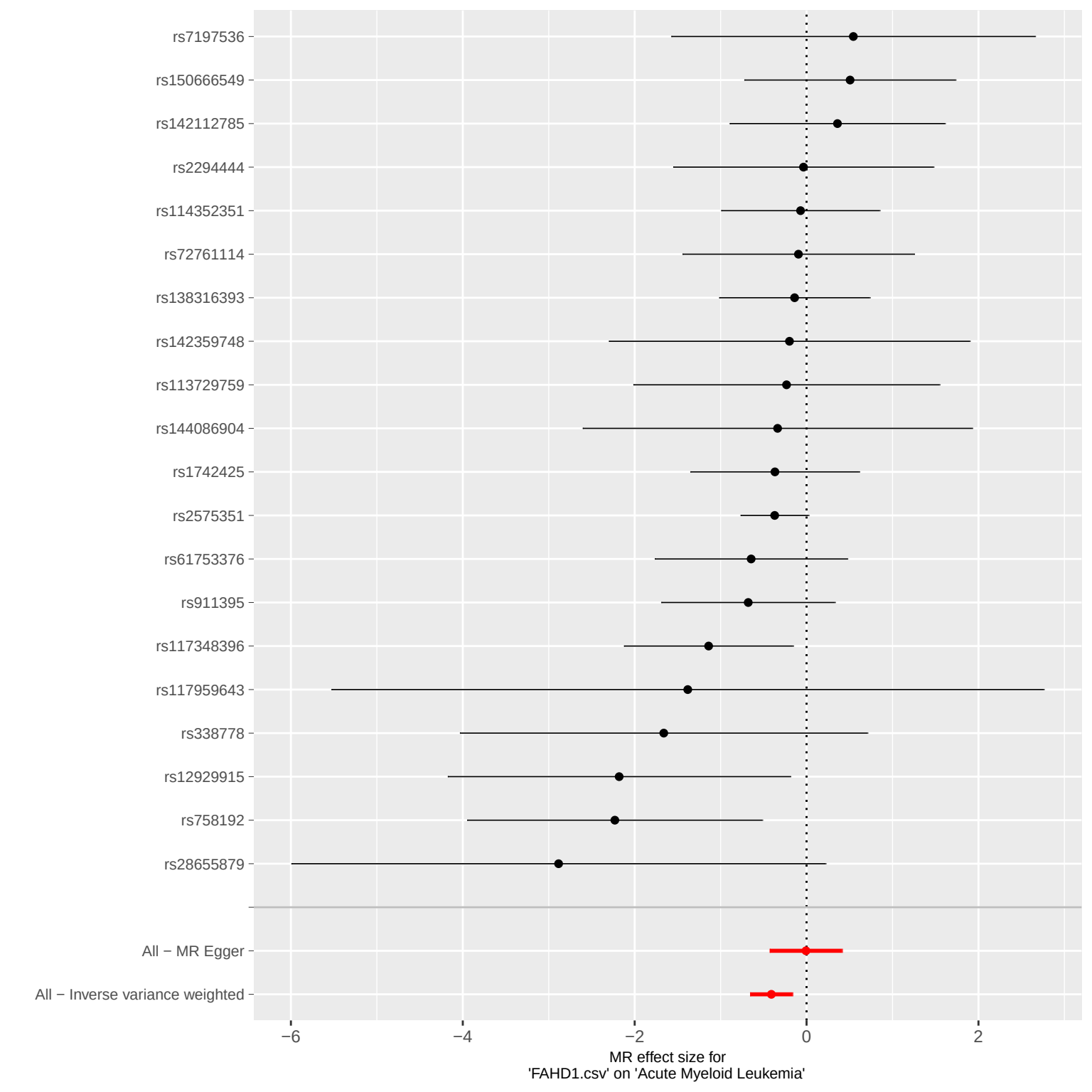
rs12047449
rs4660349
rs147541195
rs114984043
rs115405992
rs746879
rs4660350
rs149629760
rs28363229
rs532639
rs116659780
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'FAAH.csv' on 'Acute Myeloid Leukemia'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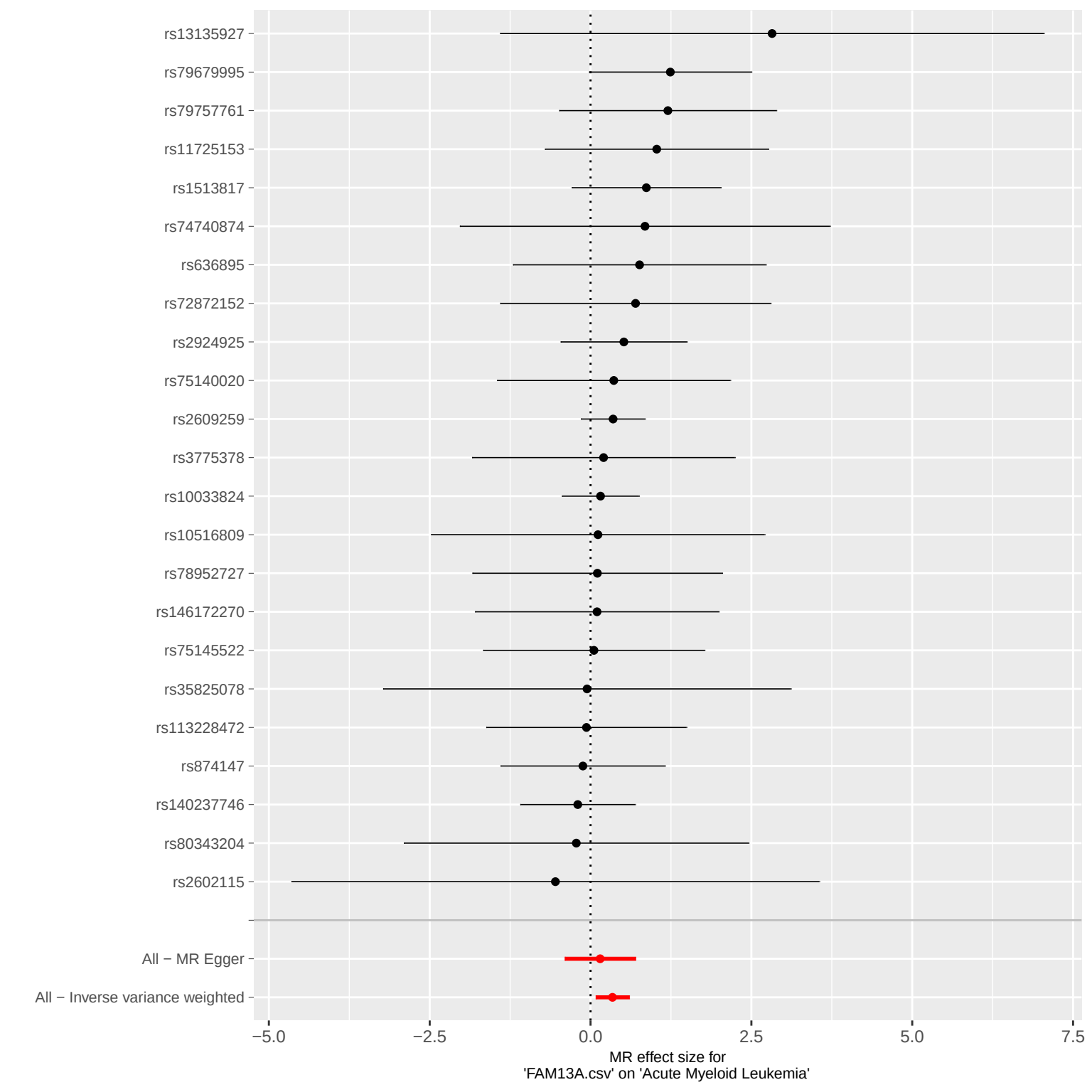
rs1742425
rs2575351
rs61753376
rs911395
rs117348396
rs117959643
rs338778
rs12929915
rs758192
rs28655879
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'FAHD1.csv' on 'Acute Myeloid Leukemia'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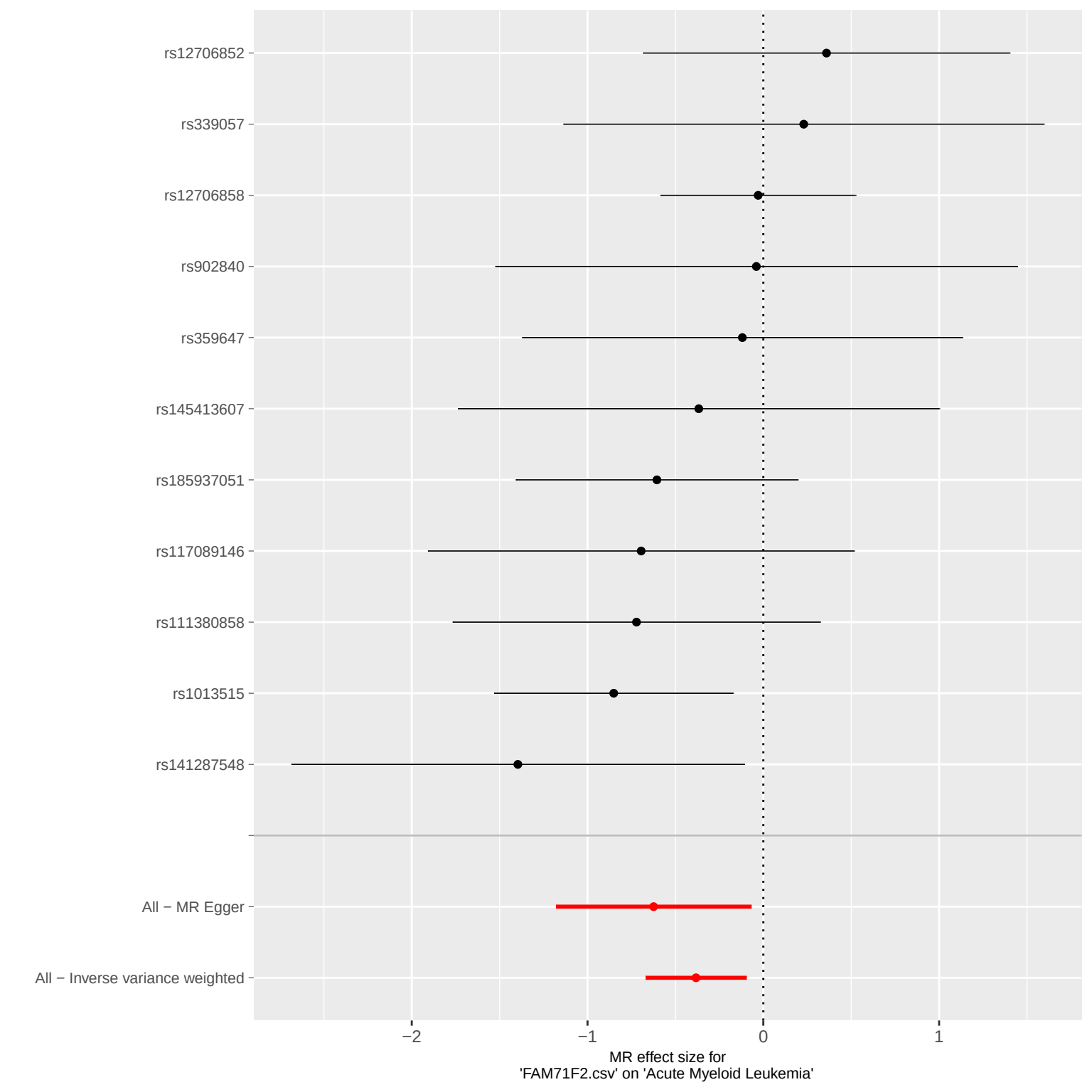
rs10033824
rs10516809
rs78952727
rs146172270
rs75145522
rs35825078
rs113228472
rs874147
rs140237746
rs80343204
rs2602115
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'FAM13A.csv' on 'Acute Myeloid Leukemia'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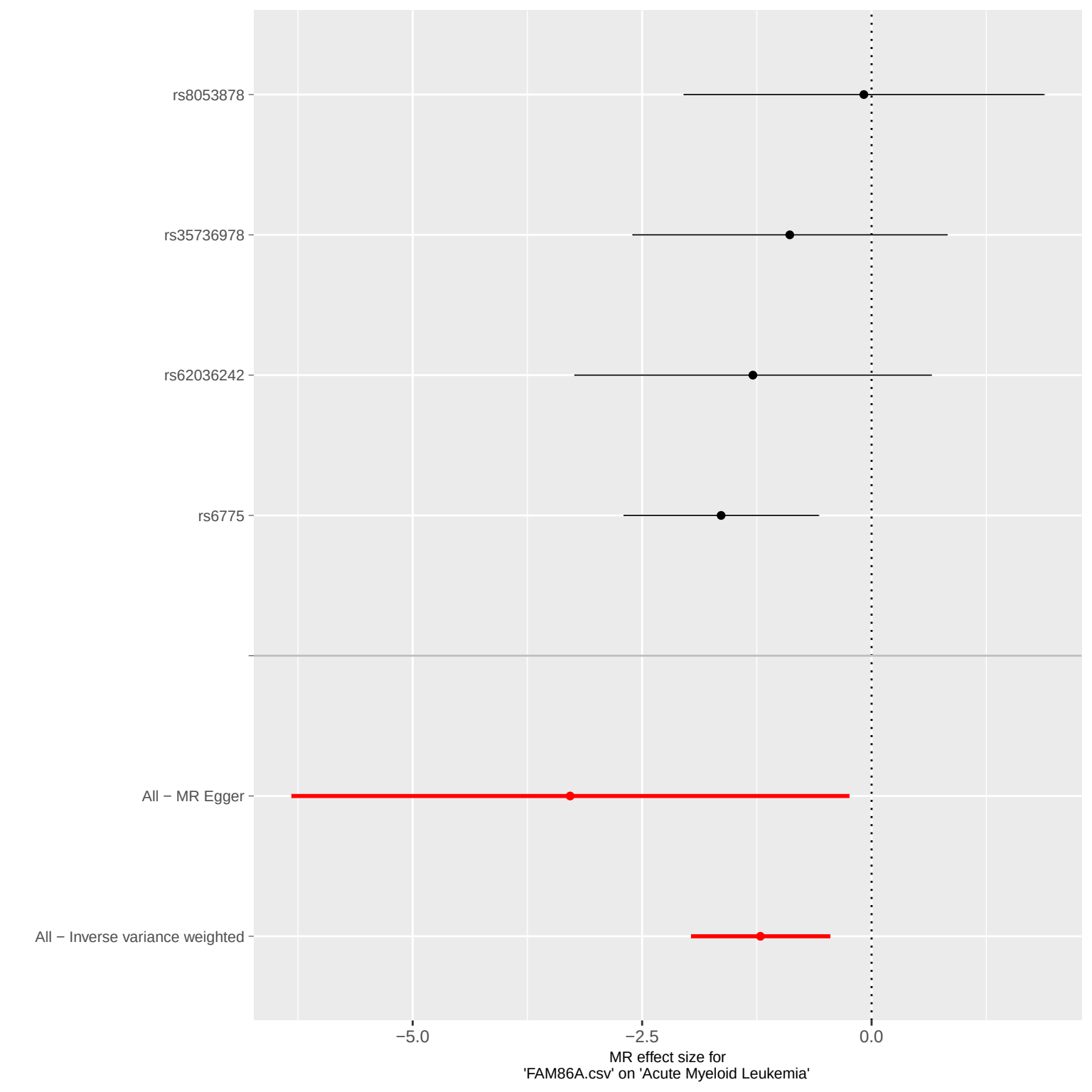
rs111380858
rs1013515
rs141287548
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'FAM71F2.csv' on 'Acute Myeloid Leukemia'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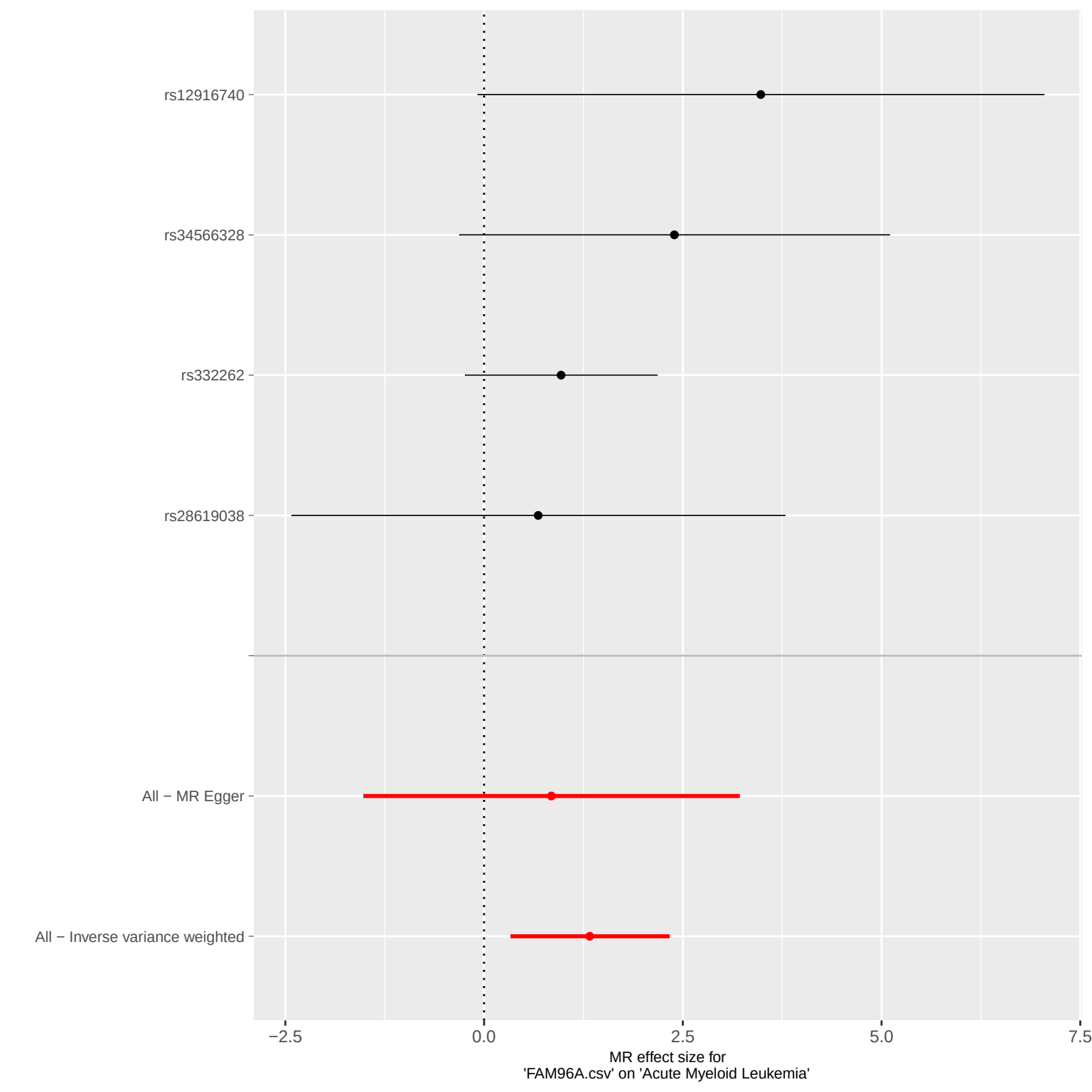
rs35736978
rs62036242
rs6775
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'FAM86A.csv' on 'Acute Myeloid Leukemia'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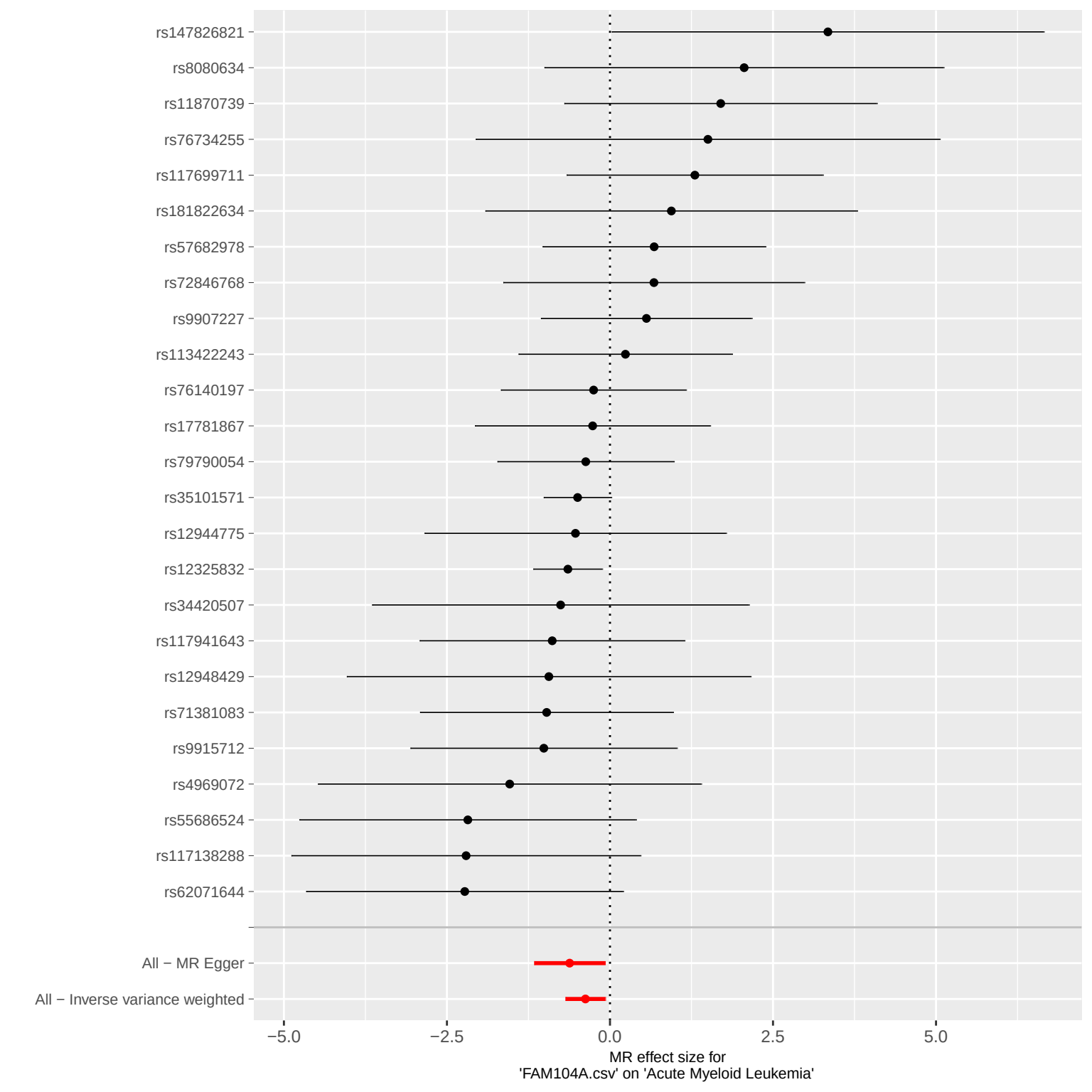
rs332262
rs28619038
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'FAM96A.csv' on 'Acute Myeloid Leukemia'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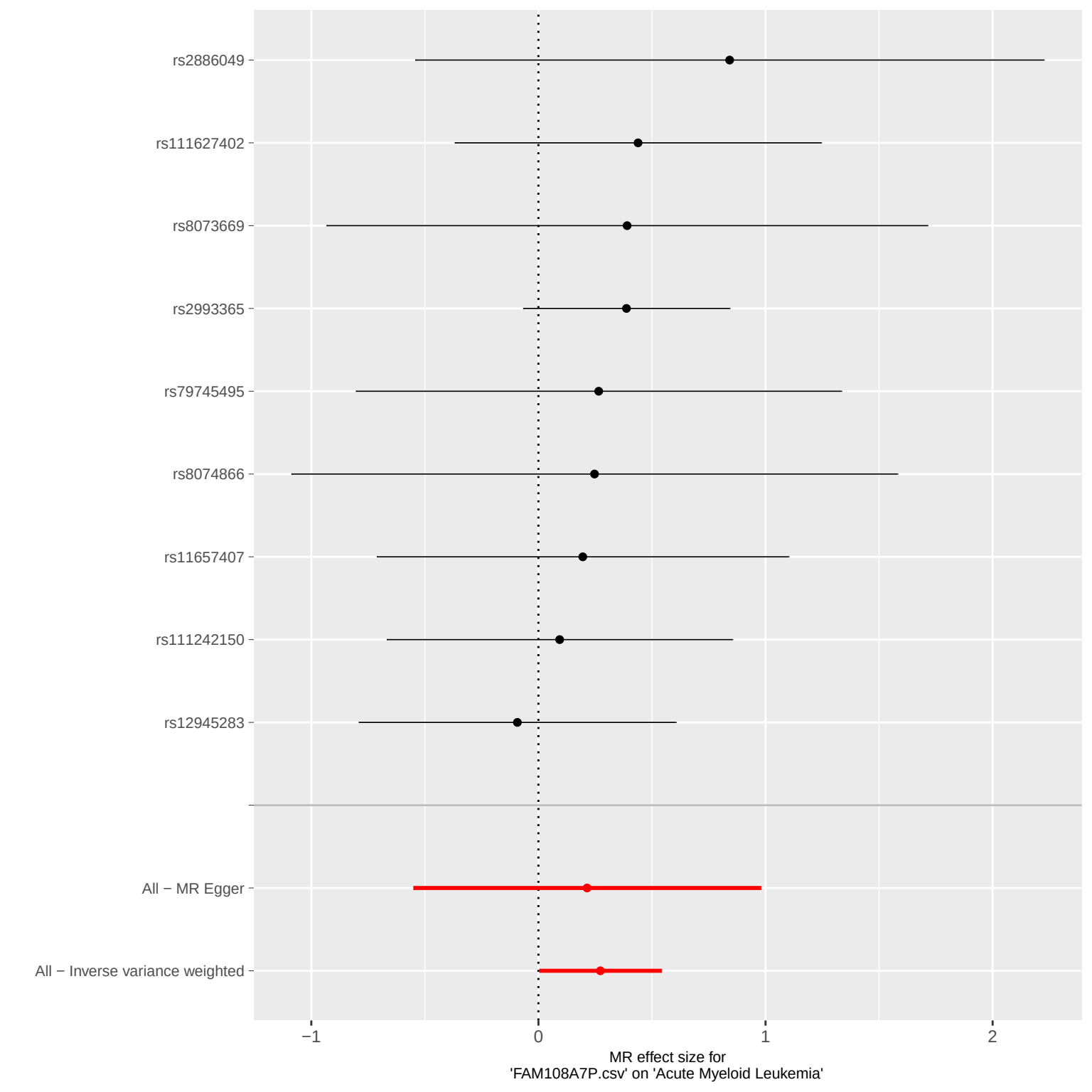
rs12325832
rs34420507
rs117941643
rs12948429
rs71381083
rs9915712
rs4969072
rs55686524
rs117138288
rs62071644
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'FAM104A.csv' on 'Acute Myeloid Leukemia'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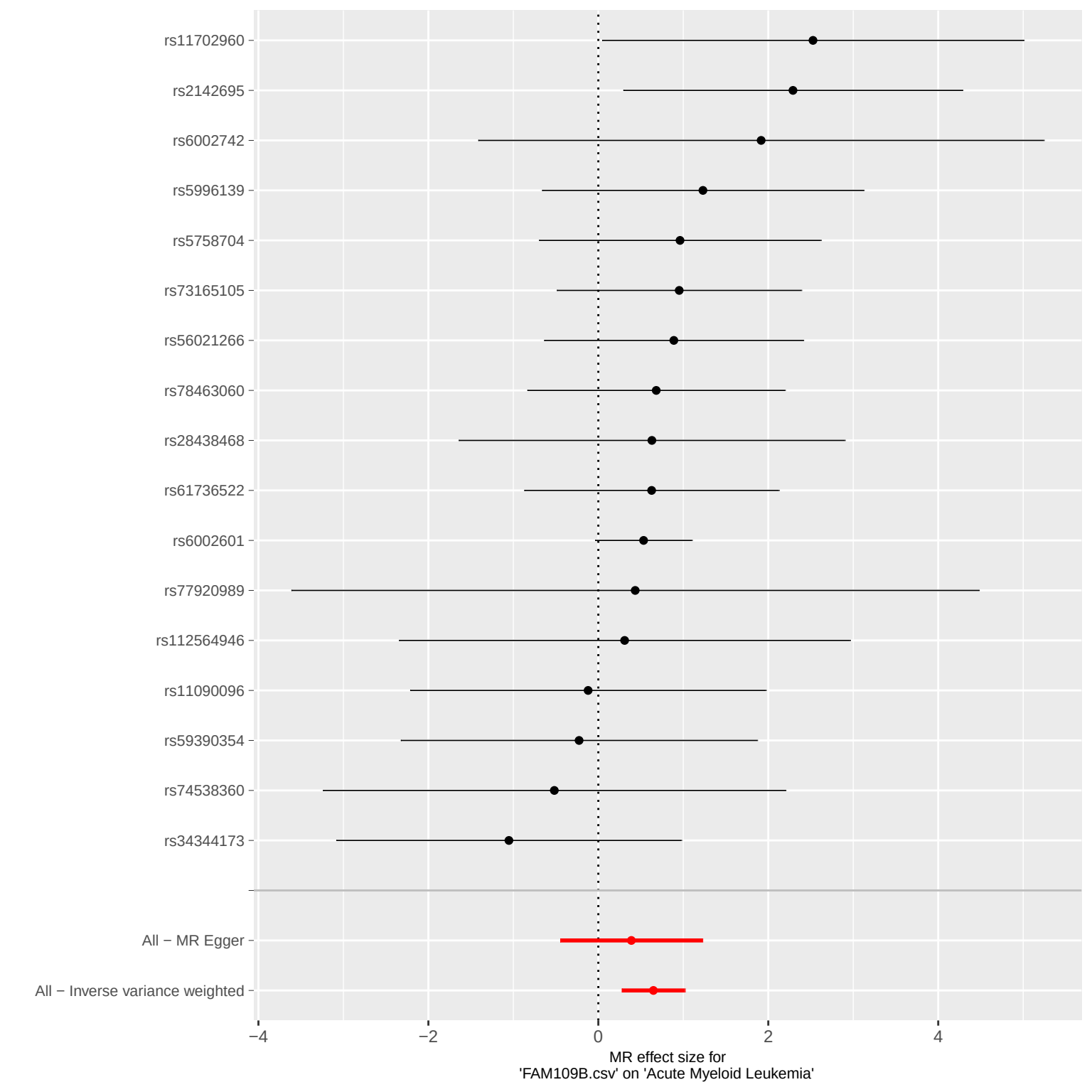
rs2993365
rs79745495
rs8074866
rs11657407
rs111242150
rs12945283
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'FAM108A7P.csv' on 'Acute Myeloid Leukemia'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rs28438468
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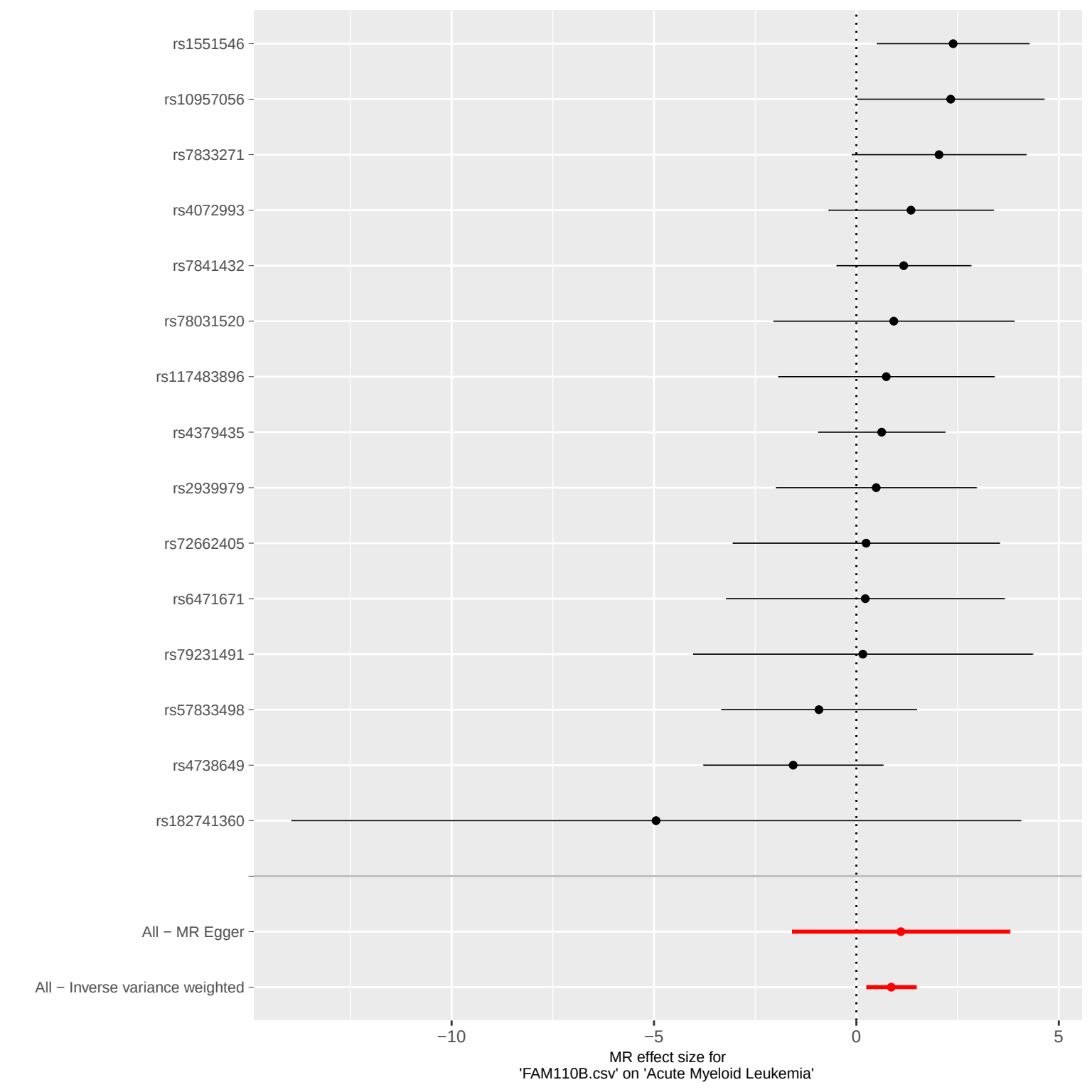
rs77920989
rs112564946
rs11090096
rs59390354
rs74538360
rs34344173
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'FAM109B.csv' on 'Acute Myeloid Leukemia'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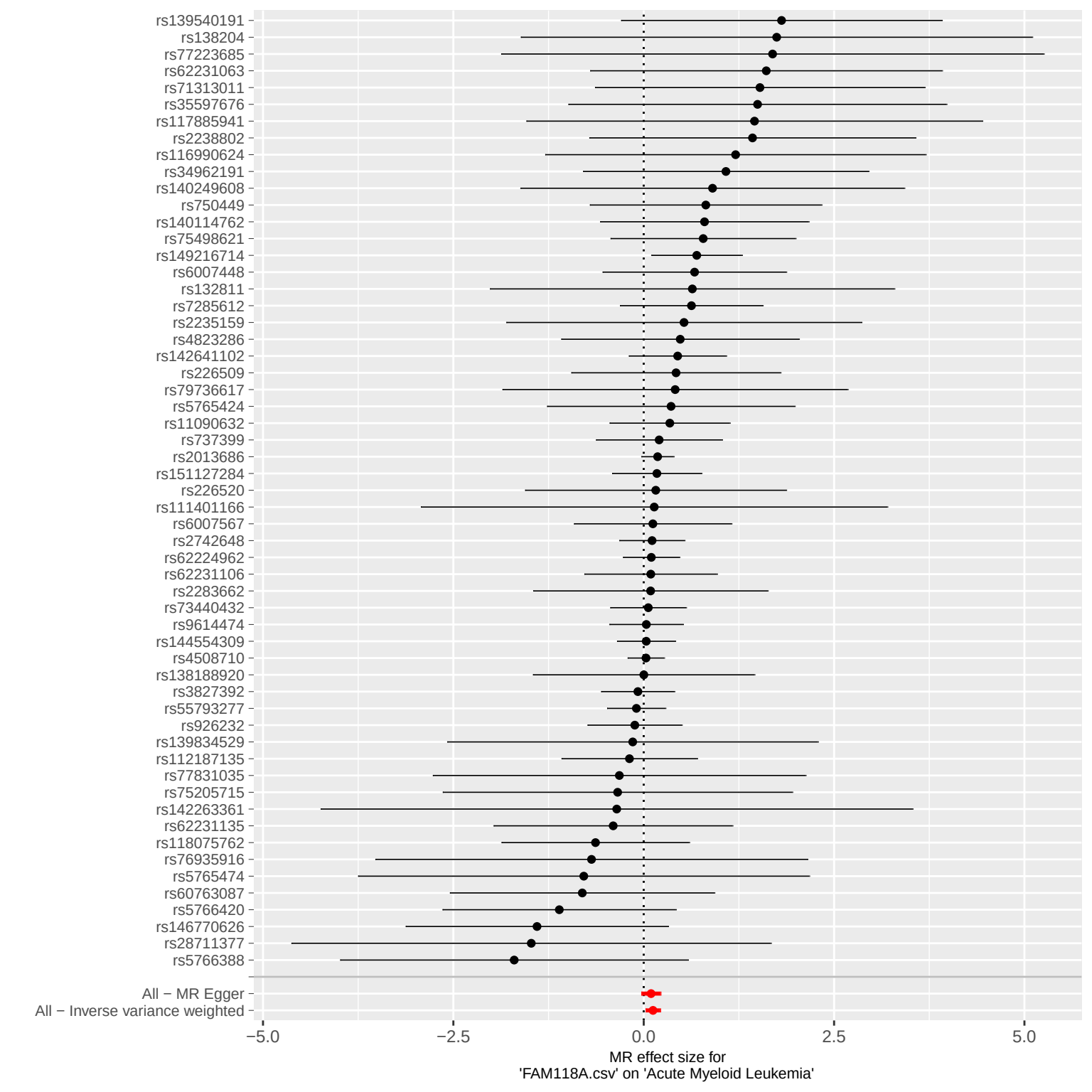
rs79231491
rs57833498
rs4738649
rs182741360
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FAM110B.csv' on 'Acute Myeloid Leukemia'


rs139540191
rs138204
rs77223685
rs62231063
rs71313011
rs35597676
rs117885941
rs2238802
rs116990624
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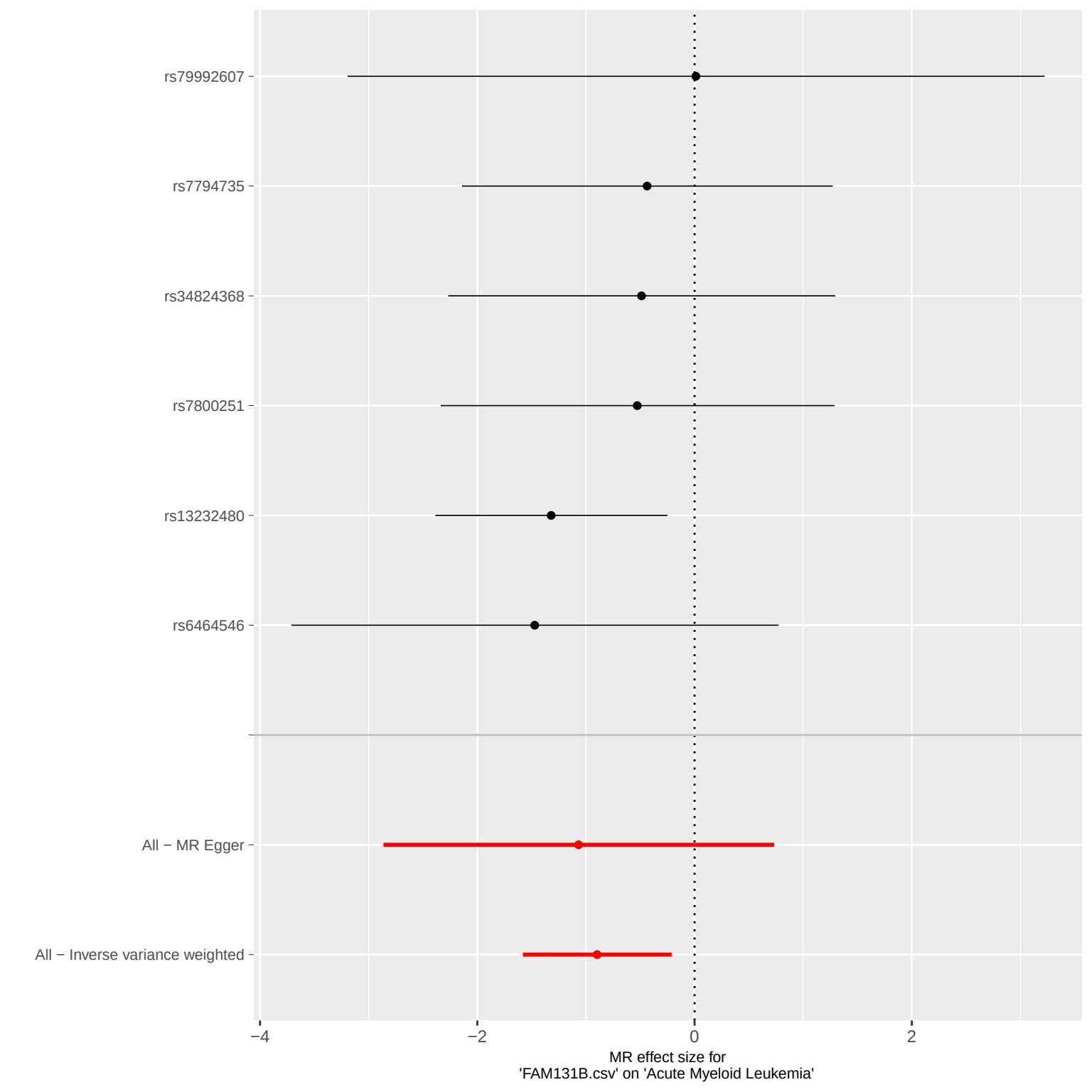
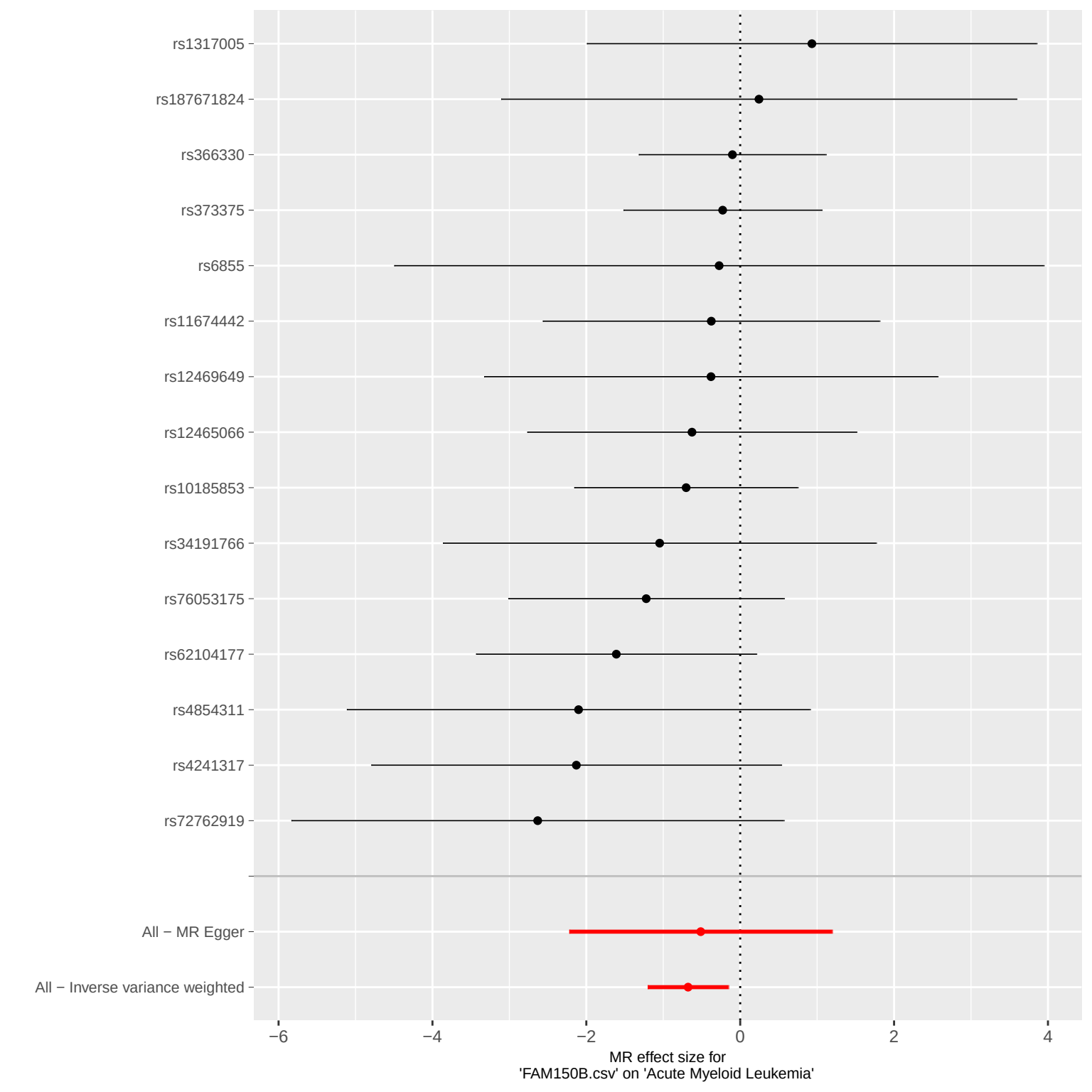
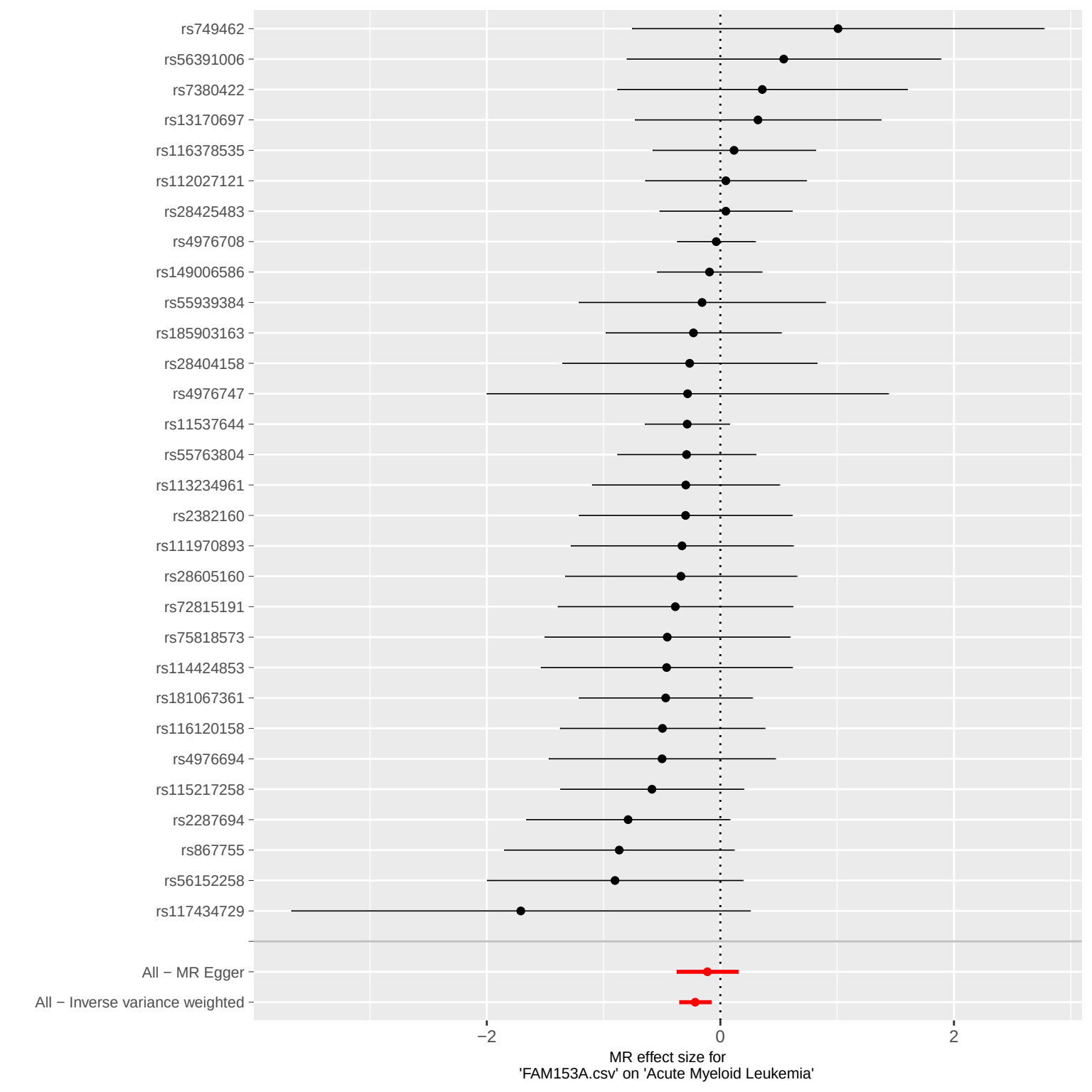
rs750449
rs140114762
rs75498621
rs149216714
rs6007448
rs132811
rs7285612
rs2235159
rs4823286
rs142641102
rs226509
rs79736617
rs5765424
rs11090632
rs737399
rs2013686
rs151127284
rs226520
rs111401166
rs6007567
rs2742648
rs62224962
rs62231106
rs2283662
rs73440432
rs9614474
rs144554309
rs4508710
rs138188920
rs3827392
rs55793277
rs926232
rs139834529
rs112187135
rs77831035
rs75205715
rs142263361
rs62231135
rs118075762
rs76935916
rs5765474
rs60763087
rs5766420
rs146770626
rs28711377
rs5766388
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'FAM118A.csv' on 'Acute Myeloid Leukemia'


rs79992607
rs7794735
rs34824368
rs7800251
rs13232480
rs6464546
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAM131B.csv' on 'Acute Myeloid Leukemia'


rs1317005
rs187671824
rs366330
rs373375
rs6855
rs11674442
rs12469649
rs12465066
rs10185853
rs34191766
rs76053175
rs62104177
rs4854311
rs4241317
rs72762919
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'FAM150B.csv' on 'Acute Myeloid Leukemia'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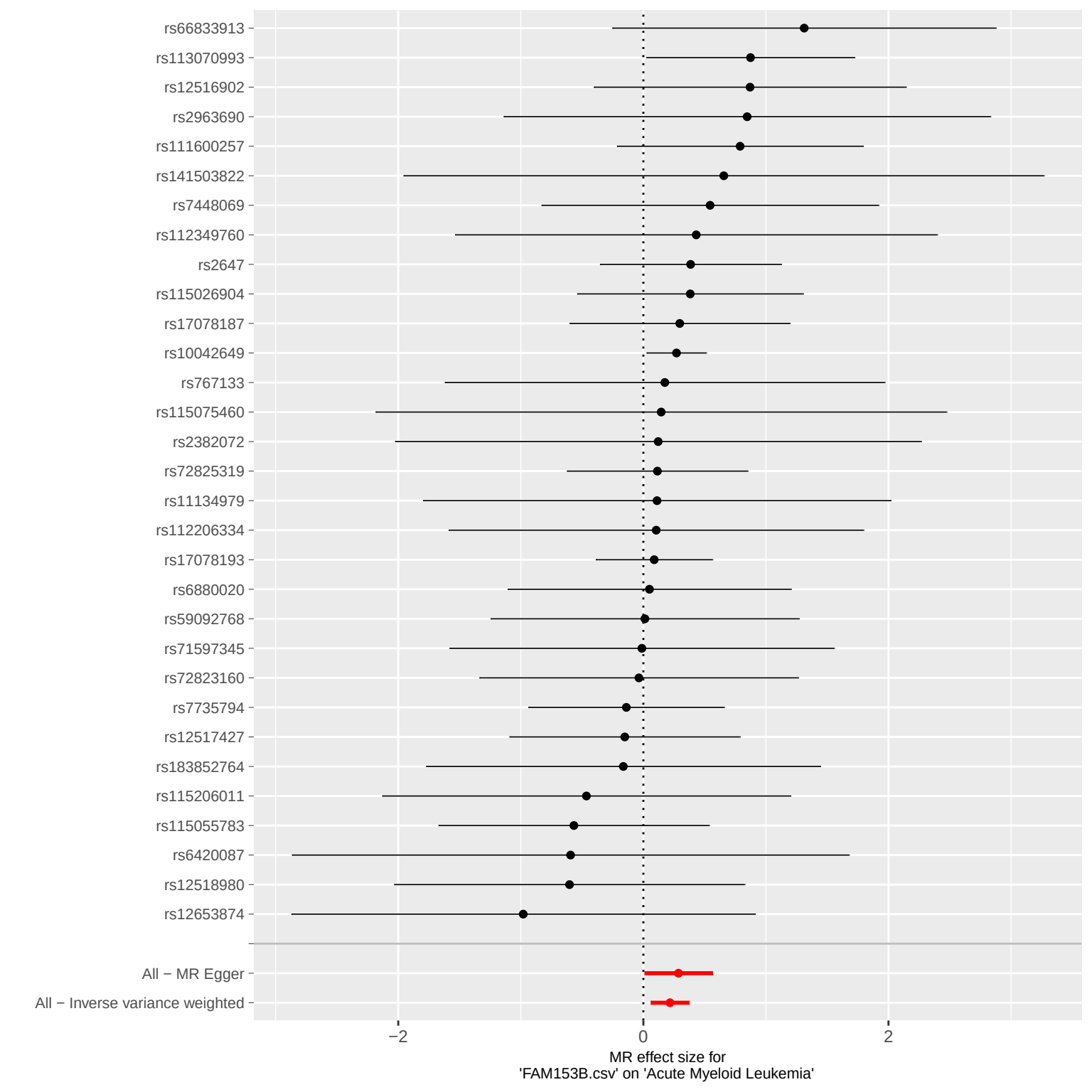
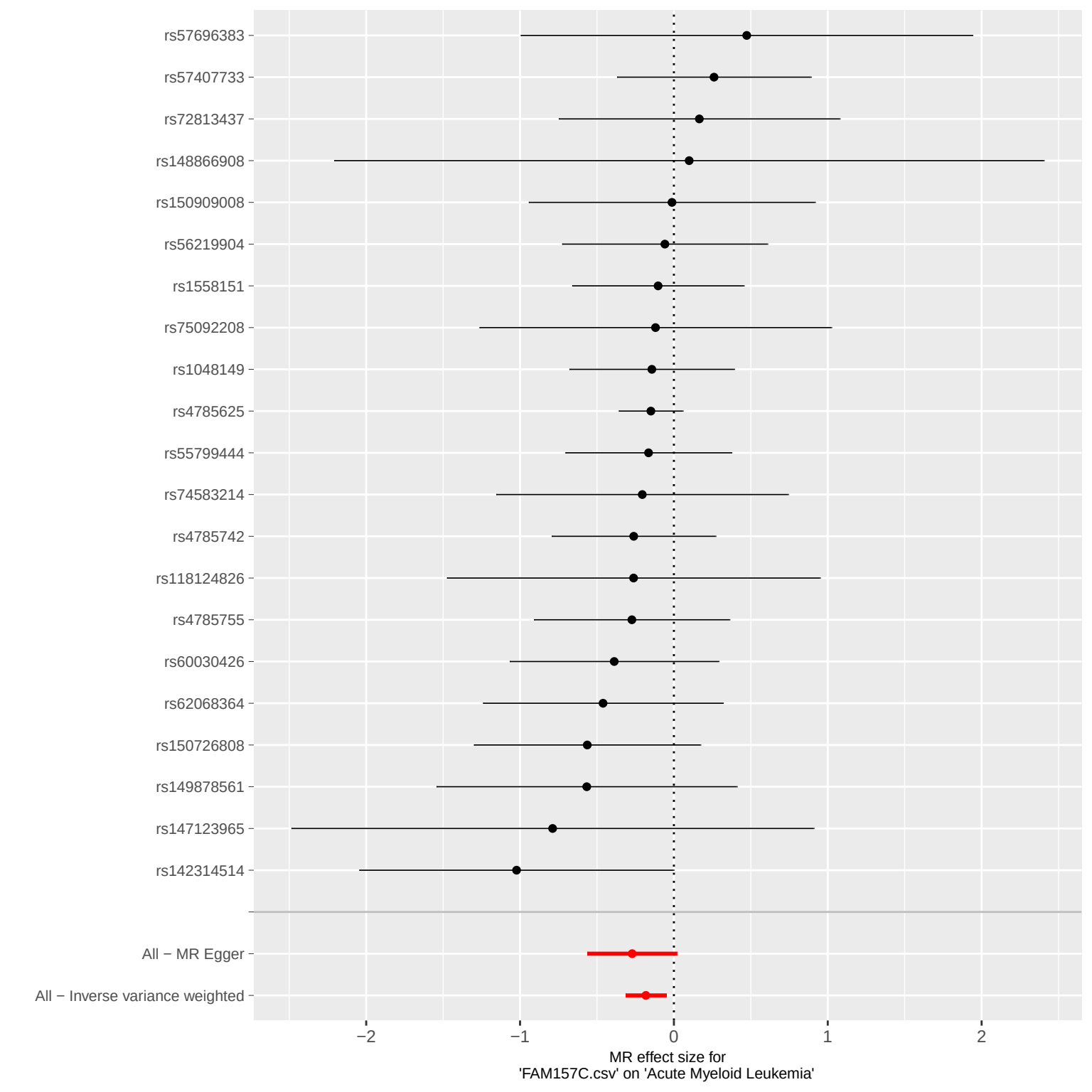
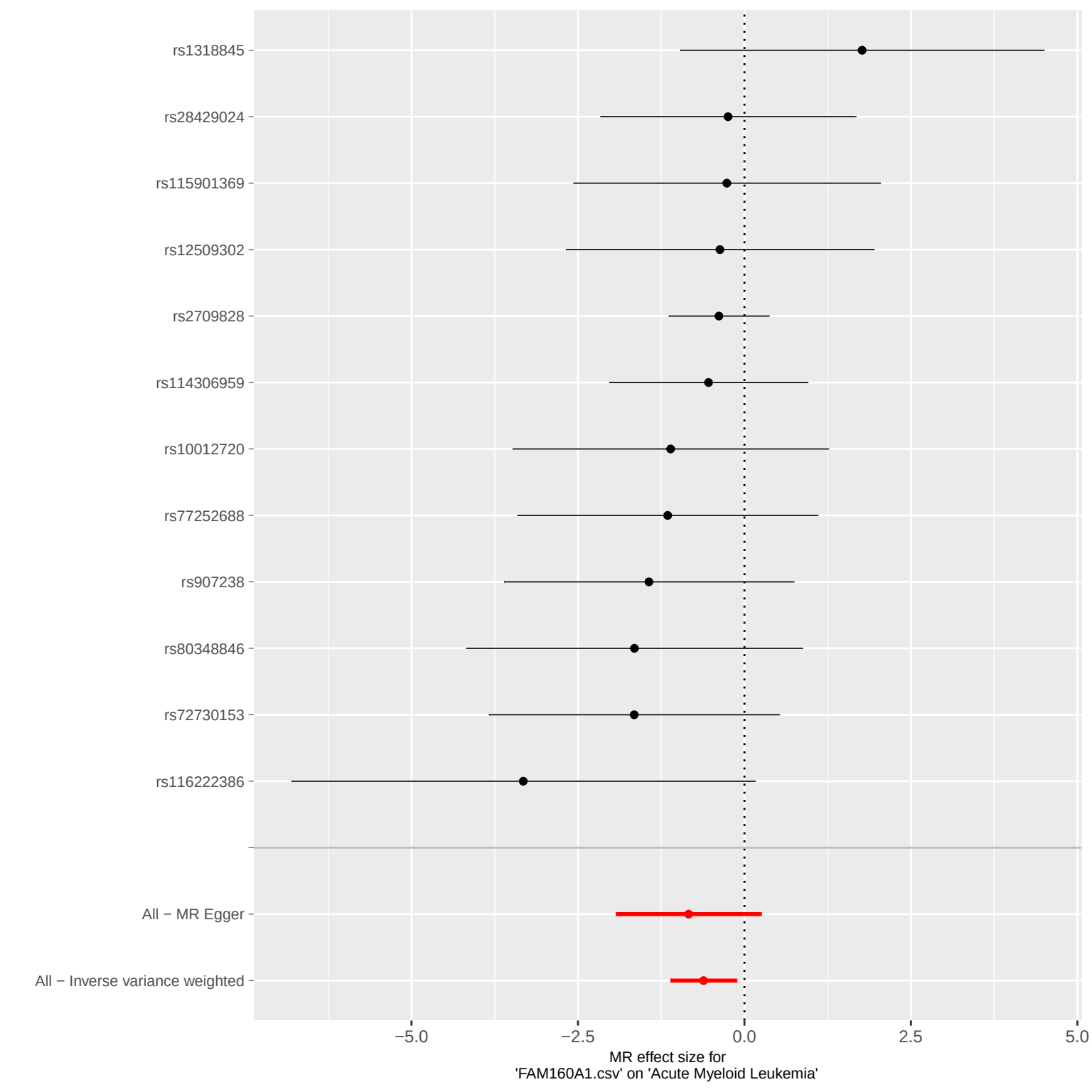
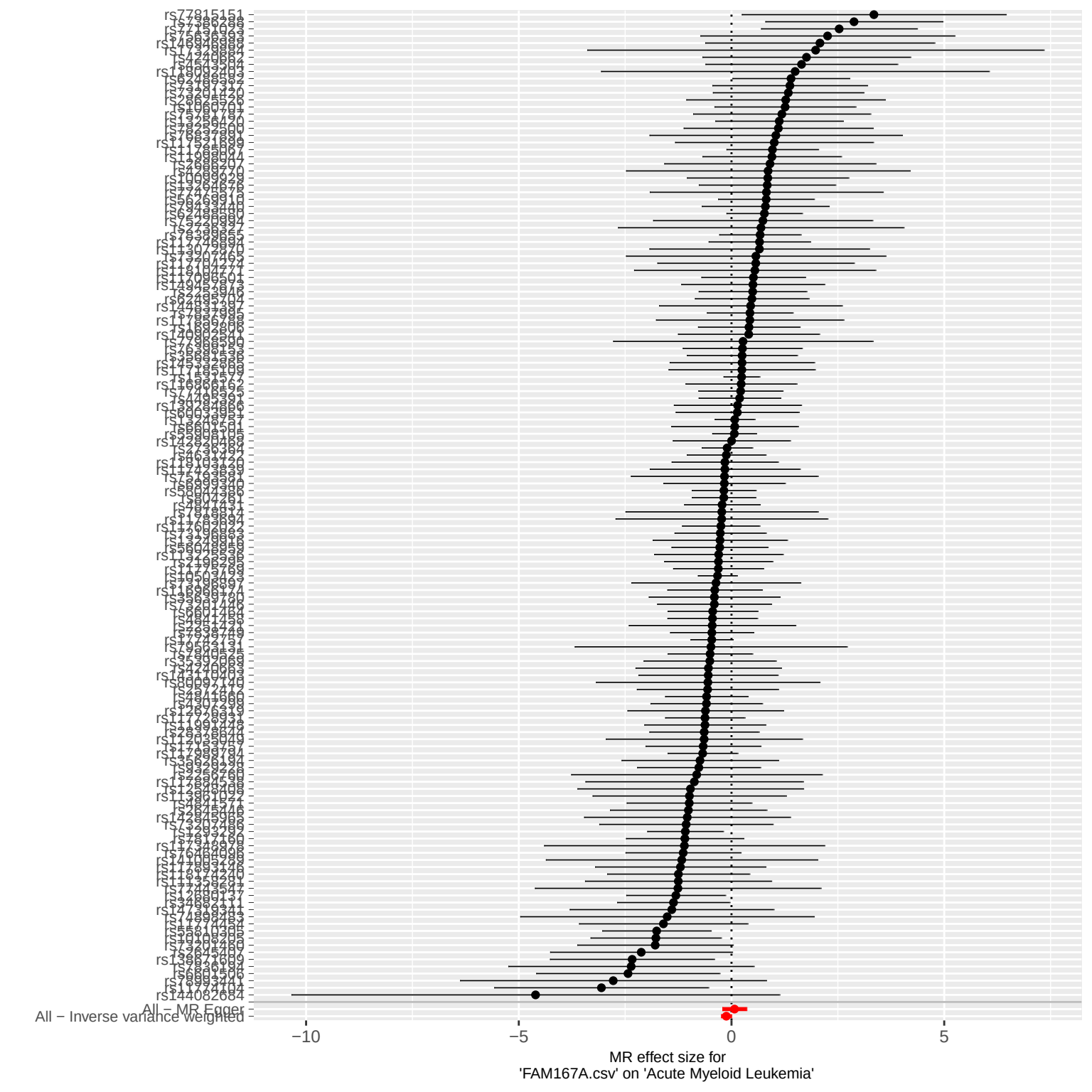
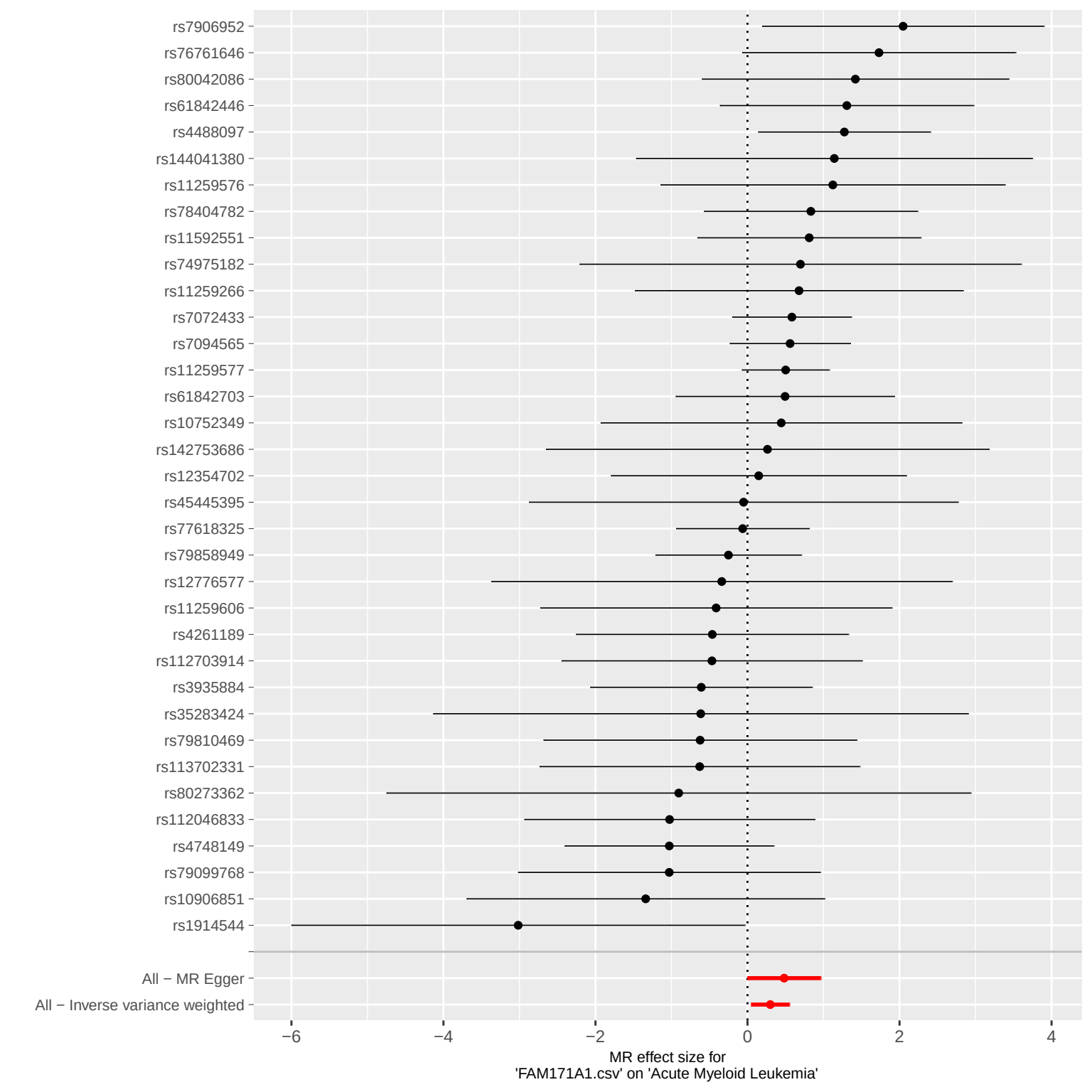
rs56391006
rs7380422
rs13170697
rs116378535
rs112027121
rs28425483
rs4976708
rs149006586
rs55939384
rs185903163
rs28404158
rs4976747
rs11537644
rs55763804
rs113234961
rs2382160
rs111970893
rs28605160
rs72815191
rs75818573
rs114424853
rs181067361
rs116120158
rs4976694
rs115217258
rs2287694
rs867755
rs56152258
rs117434729
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'FAM153A.csv' on 'Acute Myeloid Leukemia'


rs66833913
rs113070993
rs12516902
rs2963690
rs111600257
rs141503822
rs7448069
rs112349760
rs2647
rs115026904
rs17078187
rs10042649
rs767133
rs115075460
rs2382072
rs72825319
rs11134979
rs112206334
rs17078193
rs6880020
rs59092768
rs71597345
rs72823160
rs7735794
rs12517427
rs183852764
rs115206011
rs115055783
rs6420087
rs12518980
rs12653874
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'FAM153B.csv' on 'Acute Myeloid Leukemia'


rs57696383
rs57407733
rs72813437
rs148866908
rs150909008
rs56219904
rs1558151
rs75092208
rs1048149
rs4785625
rs55799444
rs74583214
rs4785742
rs118124826
rs4785755
rs60030426
rs62068364
rs150726808
rs149878561
rs147123965
rs142314514
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'FAM157C.csv' on 'Acute Myeloid Leukemia'


rs1318845
rs28429024
rs115901369
rs12509302
rs2709828
rs114306959
rs10012720
rs77252688
rs907238
rs80348846
rs72730153
rs116222386
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'FAM160A1.csv' on 'Acute Myeloid Leukemia'


All − Inverse variance weighted
All − MR Egger
−10
−5
0
5
MR effect size for
'FAM167A.csv' on 'Acute Myeloid Leukemia'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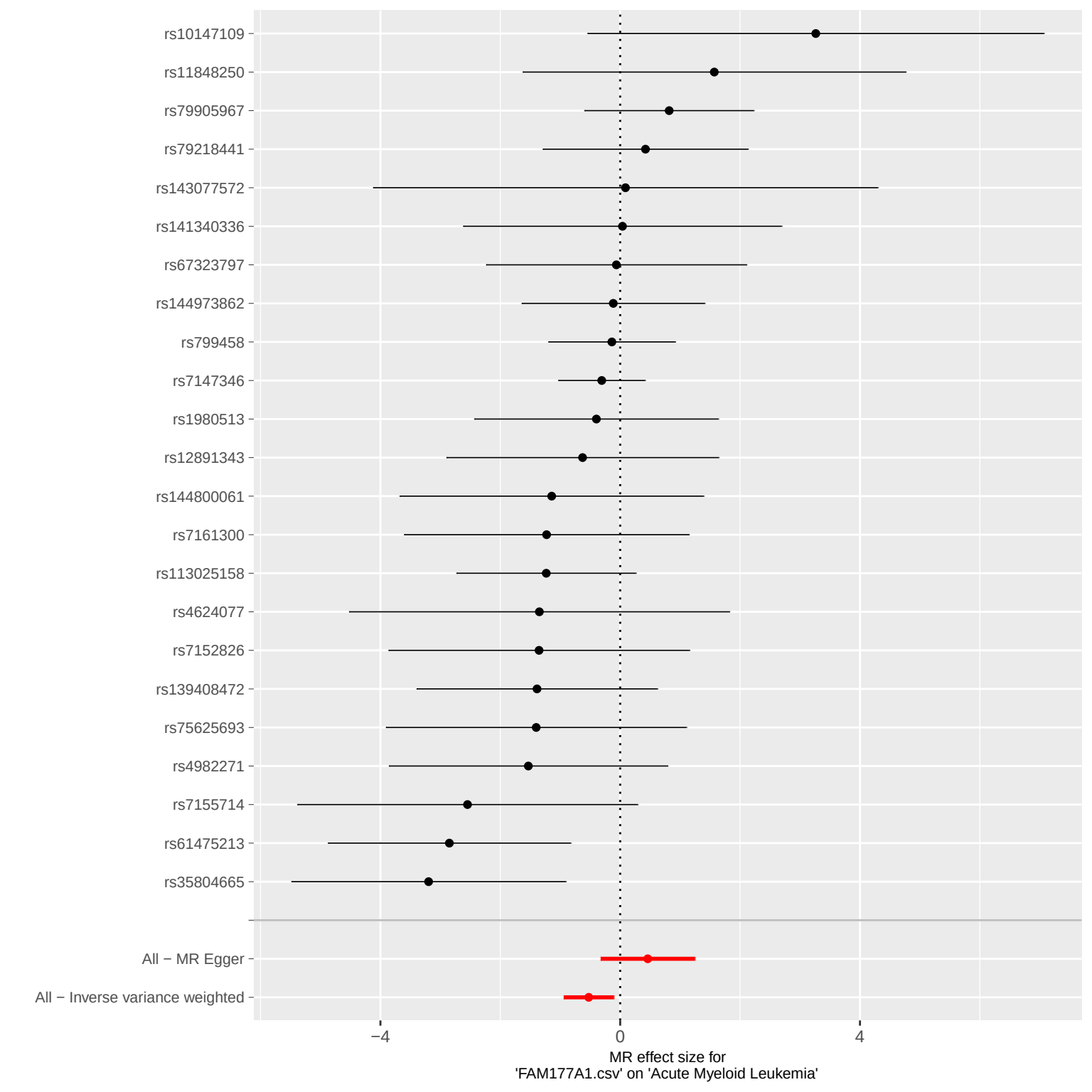
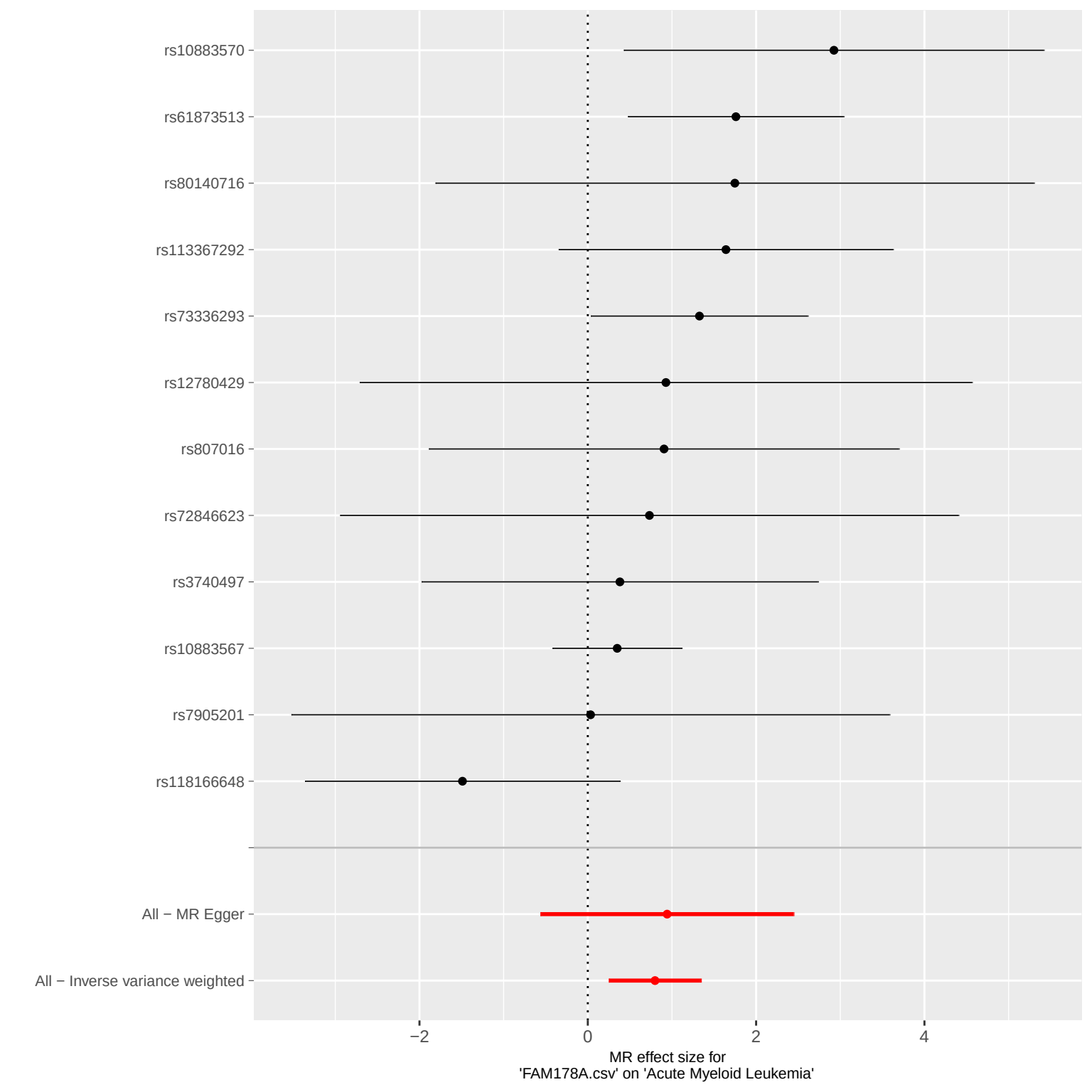
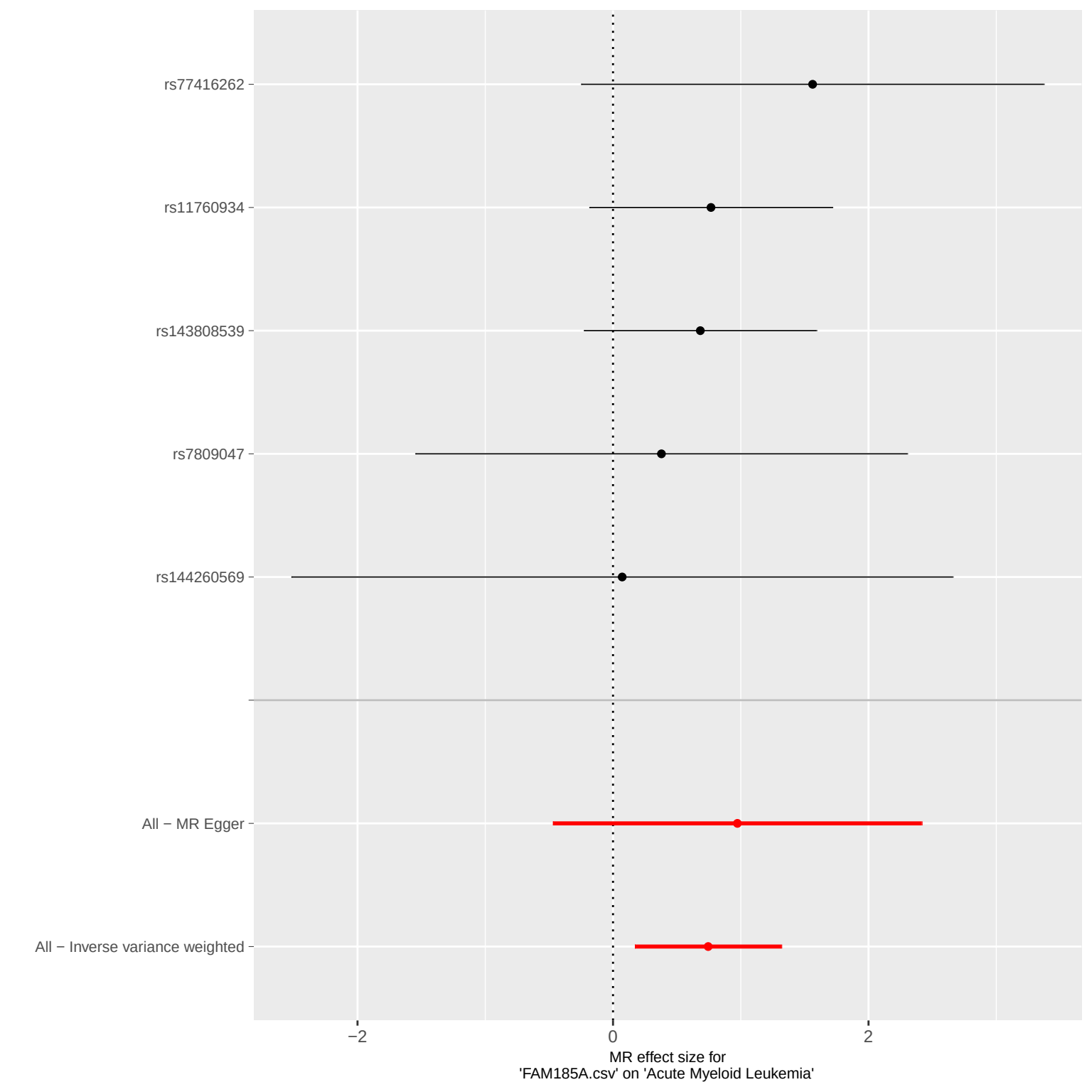
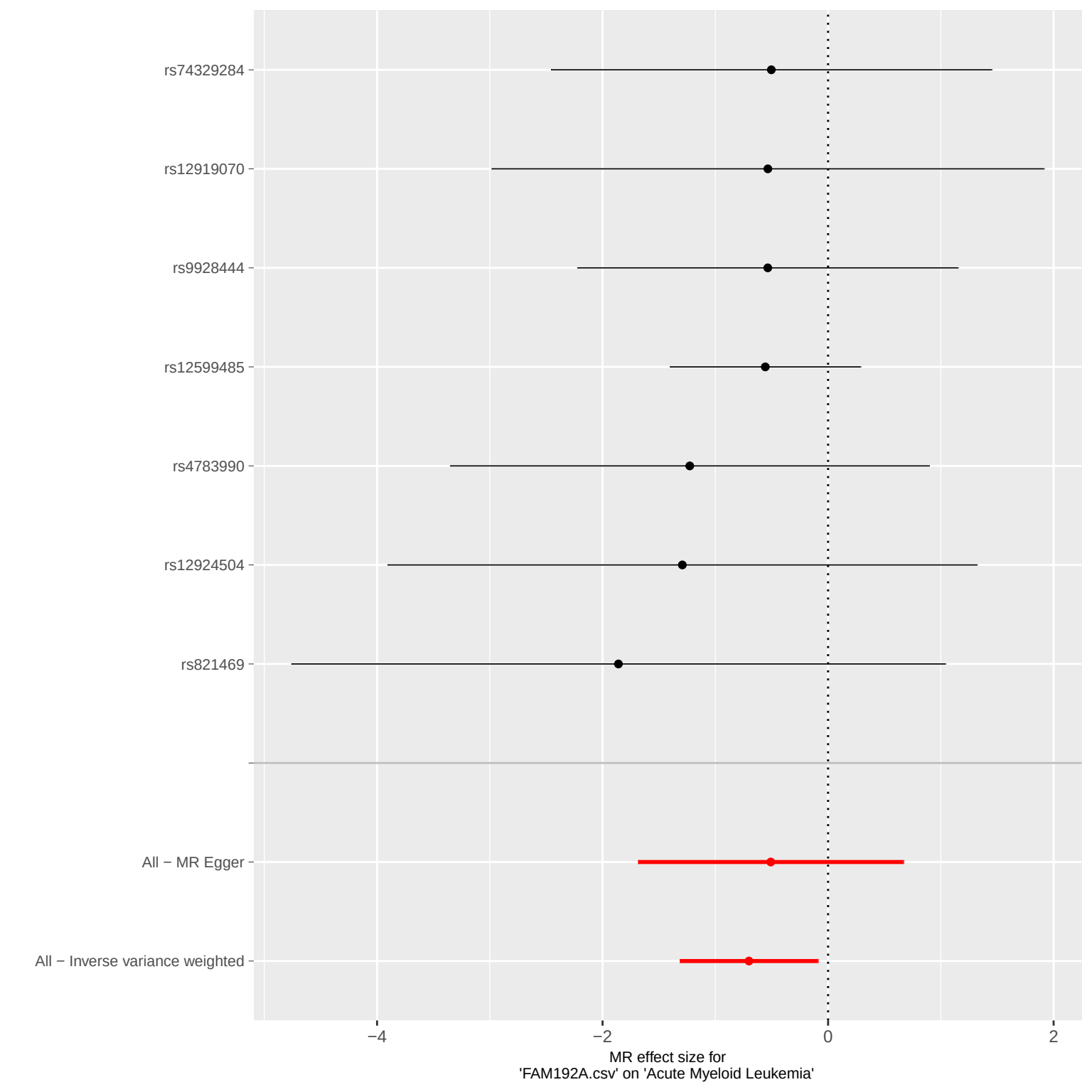
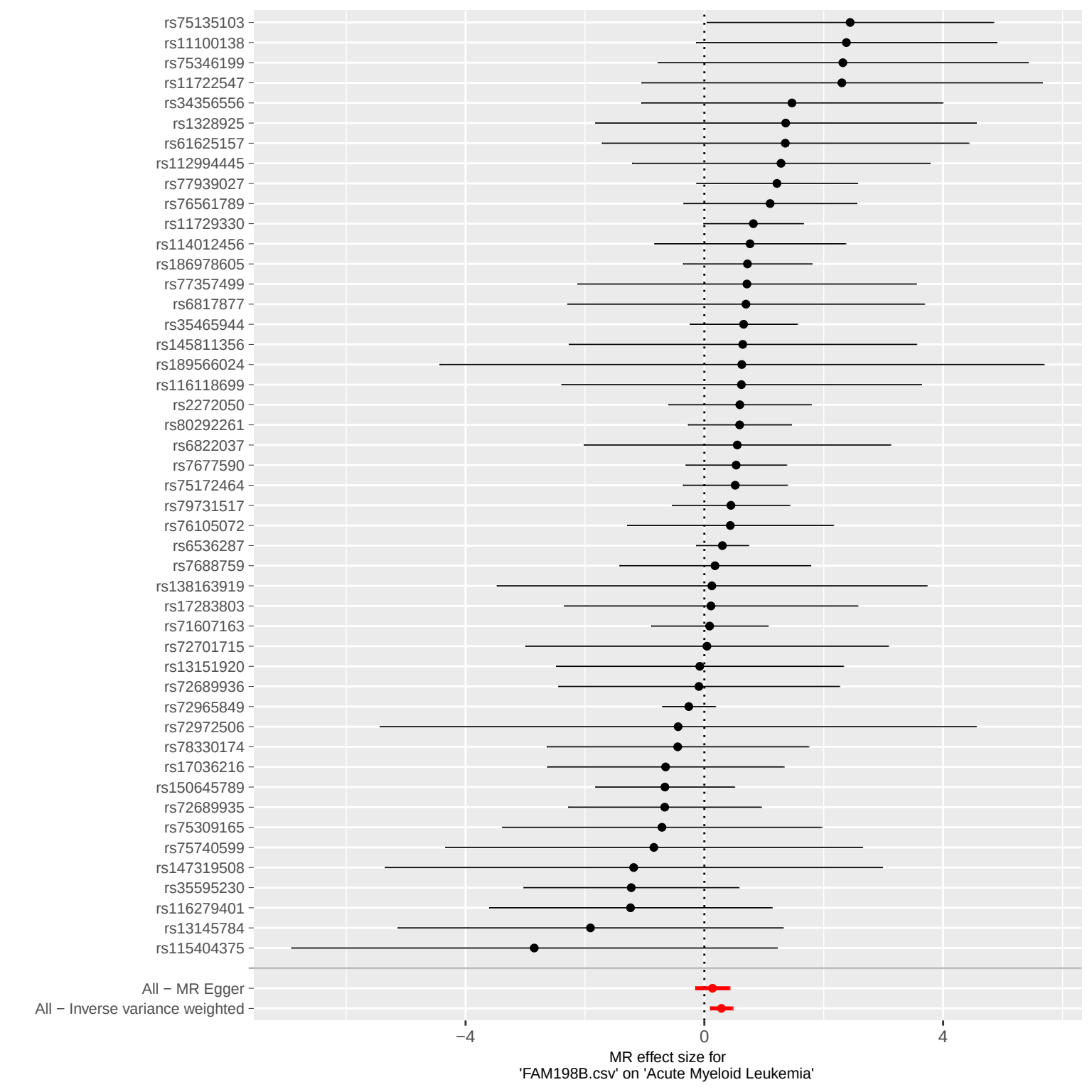
rs76761646
rs80042086
rs61842446
rs4488097
rs144041380
rs11259576
rs78404782
rs11592551
rs74975182
rs11259266
rs7072433
rs7094565
rs11259577
rs61842703
rs10752349
rs142753686
rs12354702
rs45445395
rs77618325
rs79858949
rs12776577
rs11259606
rs4261189
rs112703914
rs3935884
rs35283424
rs79810469
rs113702331
rs80273362
rs112046833
rs4748149
rs79099768
rs10906851
rs1914544
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'FAM171A1.csv' on 'Acute Myeloid Leukemia'


rs10147109
rs11848250
rs79905967
rs79218441
rs143077572
rs141340336
rs67323797
rs144973862
rs799458
rs7147346
rs1980513
rs12891343
rs144800061
rs7161300
rs113025158
rs4624077
rs7152826
rs139408472
rs75625693
rs4982271
rs7155714
rs61475213
rs35804665
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'FAM177A1.csv' on 'Acute Myeloid Leukemia'


rs10883570
rs61873513
rs80140716
rs113367292
rs73336293
rs12780429
rs807016
rs72846623
rs3740497
rs10883567
rs7905201
rs118166648
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FAM178A.csv' on 'Acute Myeloid Leukemia'


rs77416262
rs11760934
rs143808539
rs7809047
rs144260569
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'FAM185A.csv' on 'Acute Myeloid Leukemia'


rs74329284
rs12919070
rs9928444
rs12599485
rs4783990
rs12924504
rs821469
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAM192A.csv' on 'Acute Myeloid Leukemia'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rs75346199
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rs112994445
rs77939027
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rs186978605
rs77357499
rs6817877
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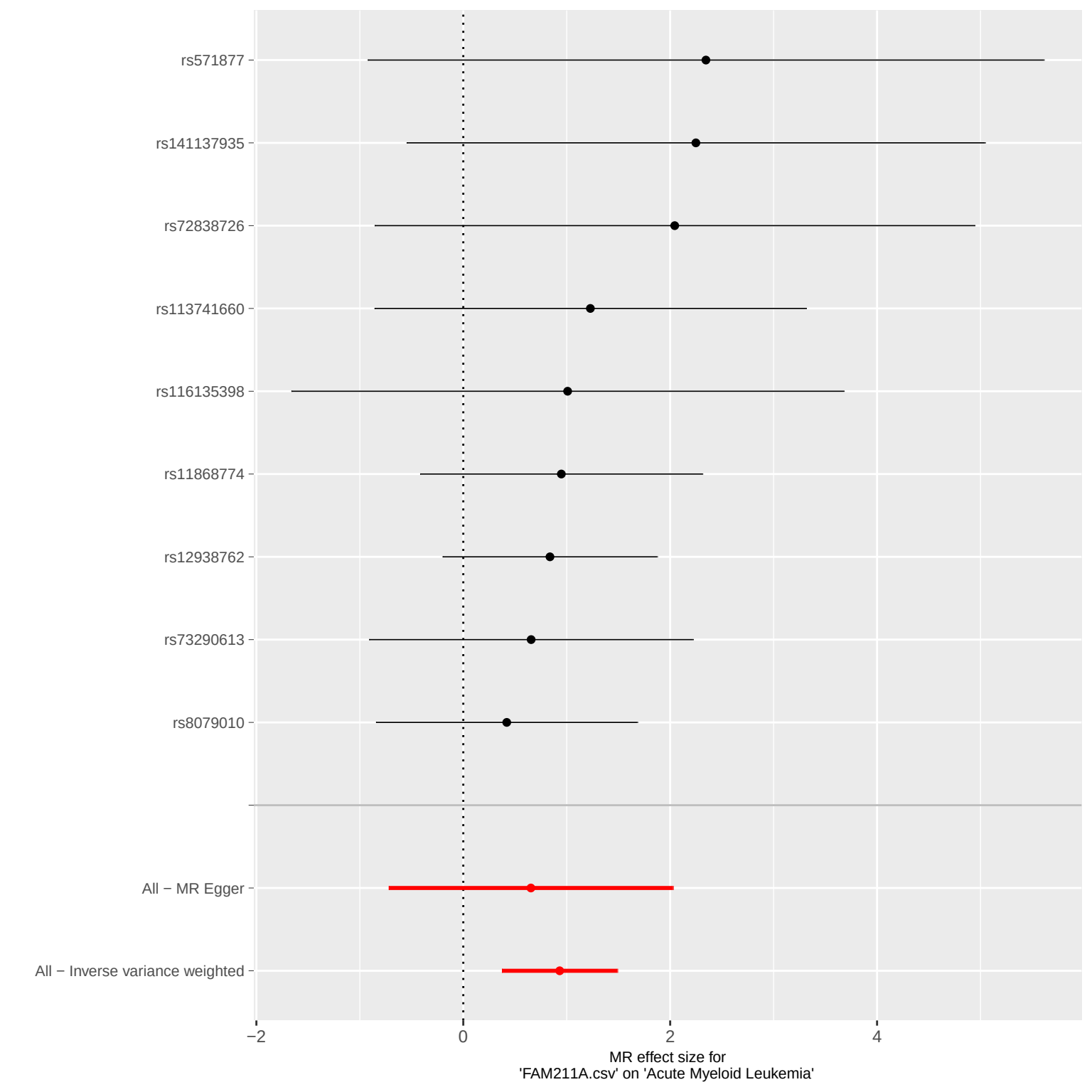
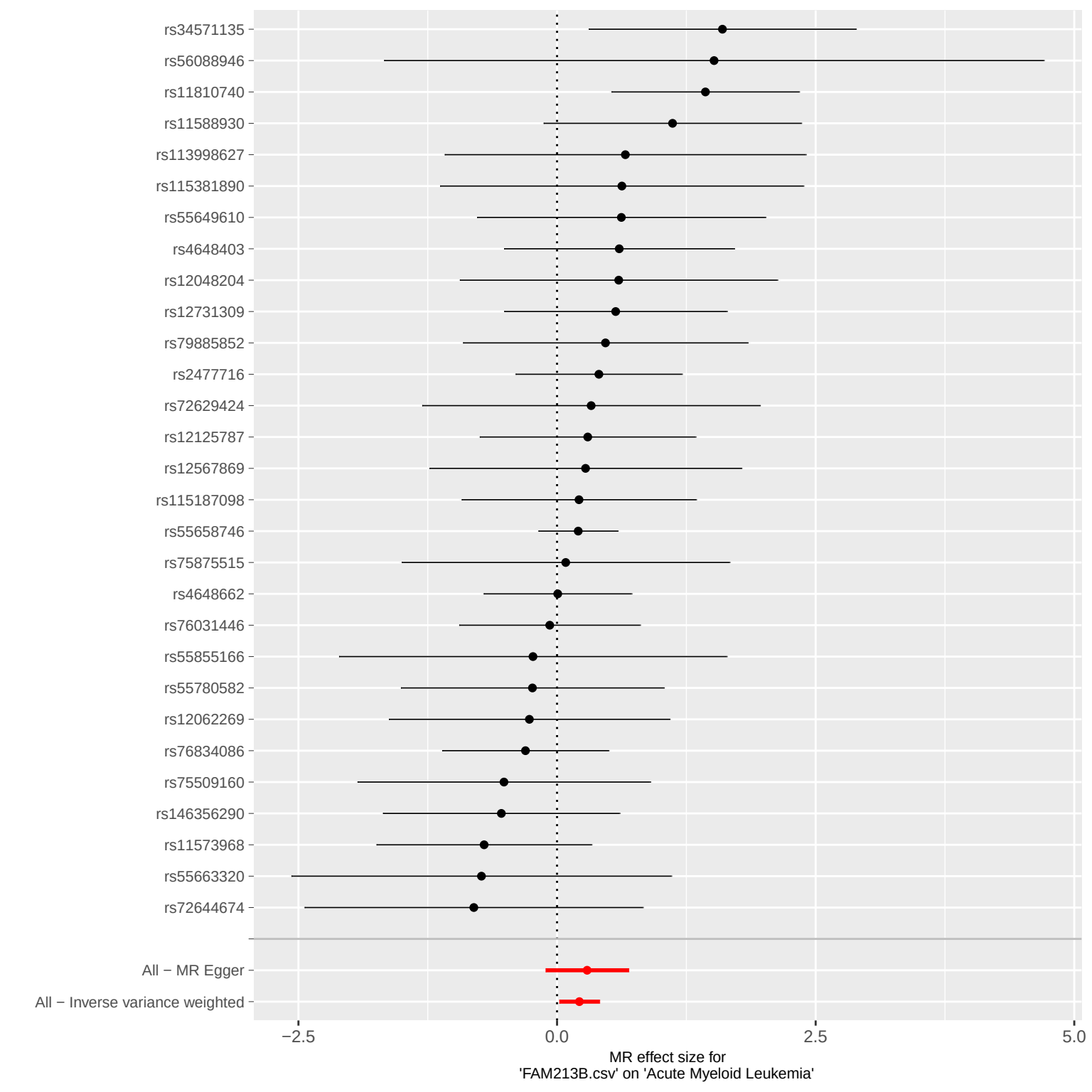
rs116118699
rs2272050
rs80292261
rs6822037
rs7677590
rs75172464
rs79731517
rs76105072
rs6536287
rs7688759
rs138163919
rs17283803
rs71607163
rs72701715
rs13151920
rs72689936
rs72965849
rs72972506
rs78330174
rs17036216
rs150645789
rs72689935
rs75309165
rs75740599
rs147319508
rs35595230
rs116279401
rs13145784
rs115404375
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'FAM198B.csv' on 'Acute Myeloid Leukemia'


rs571877
rs141137935
rs72838726
rs113741660
rs116135398
rs11868774
rs12938762
rs73290613
rs8079010
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FAM211A.csv' on 'Acute Myeloid Leukemia'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rs11810740
rs11588930
rs113998627
rs115381890
rs55649610
rs4648403
rs12048204
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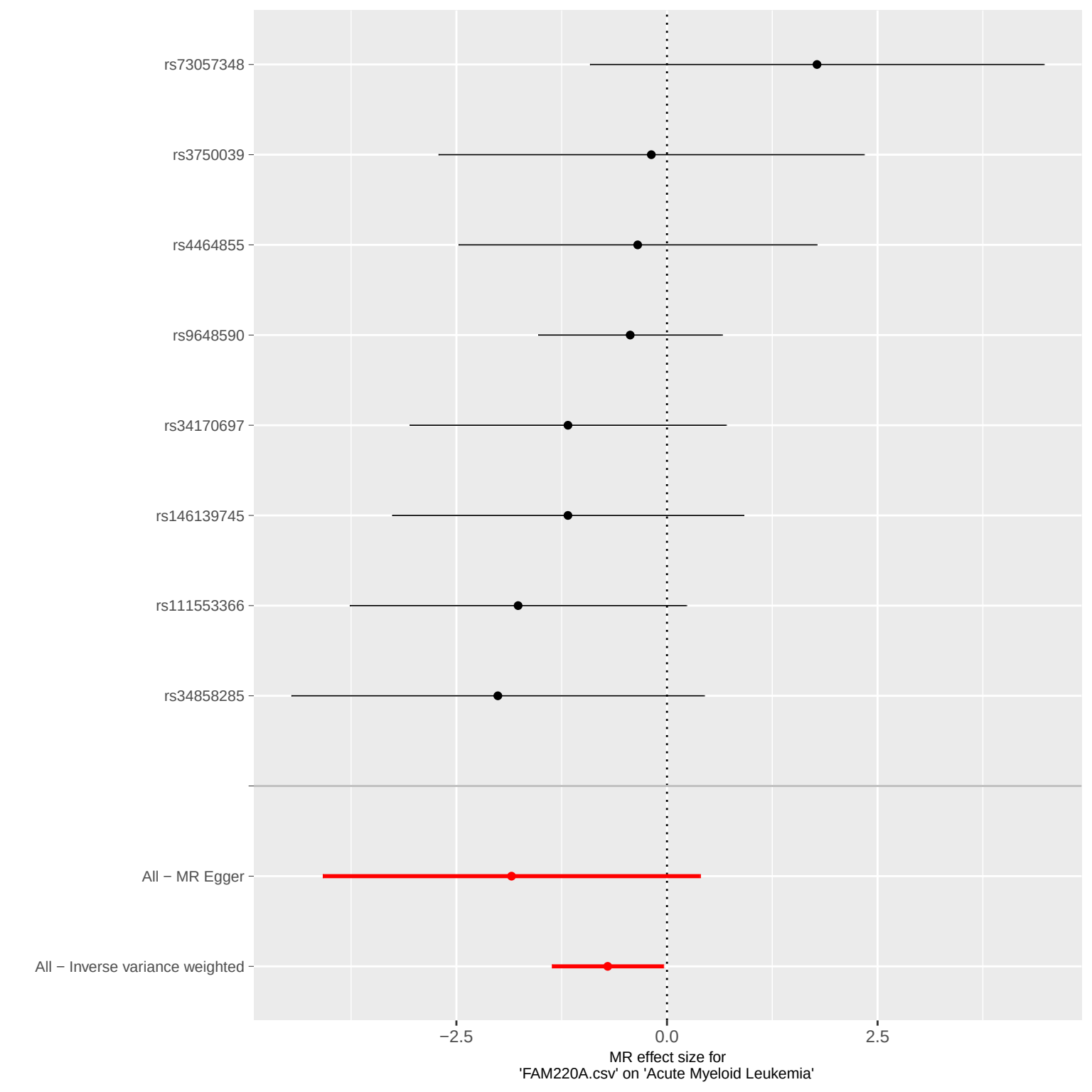
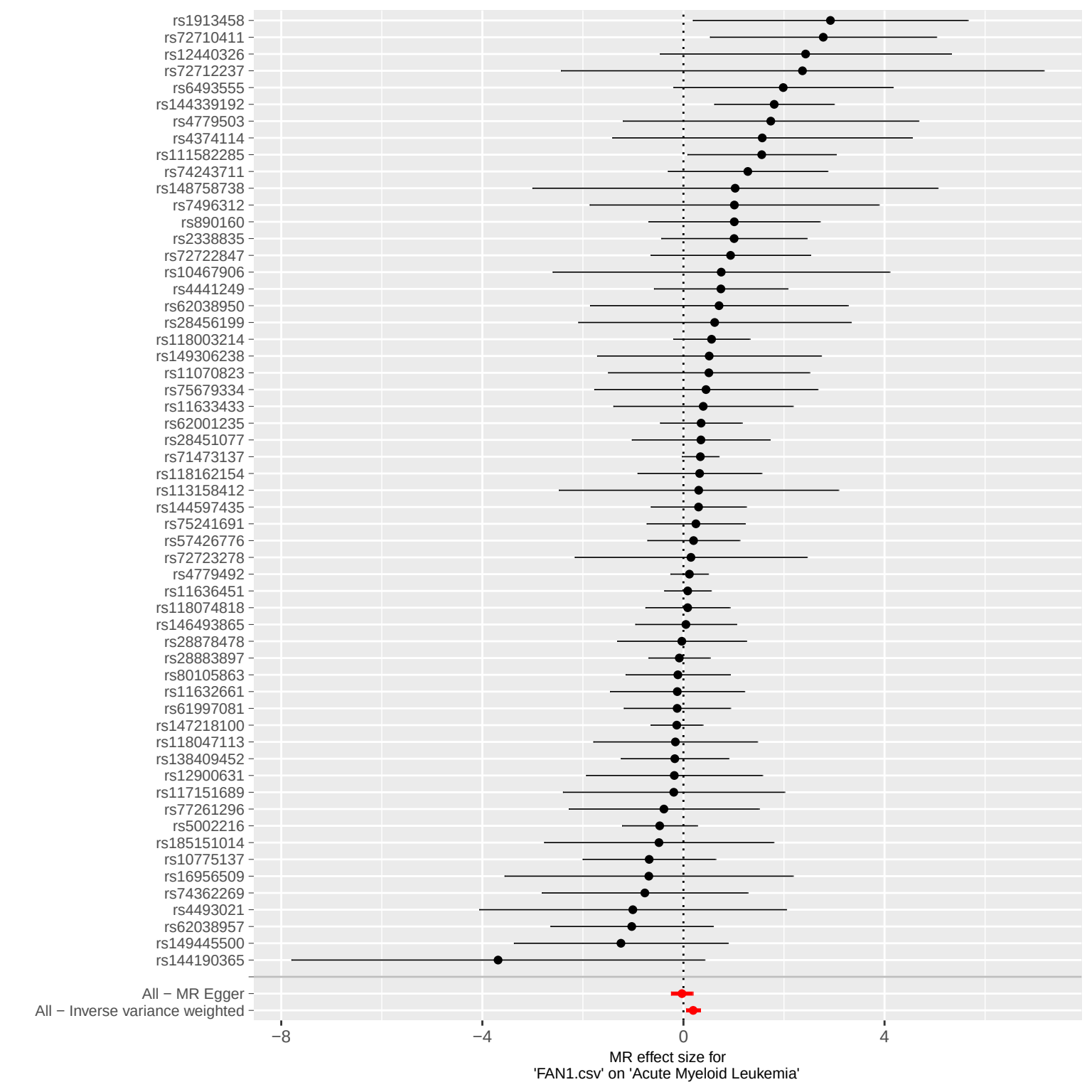
rs2477716
rs72629424
rs12125787
rs12567869
rs115187098
rs55658746
rs75875515
rs4648662
rs76031446
rs55855166
rs55780582
rs12062269
rs76834086
rs75509160
rs146356290
rs11573968
rs55663320
rs72644674
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'FAM213B.csv' on 'Acute Myeloid Leukemia'


rs73057348
rs3750039
rs4464855
rs9648590
rs34170697
rs146139745
rs111553366
rs34858285
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'FAM220A.csv' on 'Acute Myeloid Leukemia'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rs72710411
rs12440326
rs72712237
rs6493555
rs144339192
rs4779503
rs4374114
rs111582285
rs74243711
rs148758738
rs7496312
rs890160
rs2338835
rs72722847
rs10467906
rs4441249
rs62038950
rs28456199
rs118003214
rs149306238
rs11070823
rs75679334
rs11633433
rs62001235
rs28451077
rs71473137
rs118162154
rs113158412
rs144597435
rs75241691
rs57426776
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rs4779492
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rs146493865
rs28878478
rs28883897
rs80105863
rs11632661
rs61997081
rs147218100
rs118047113
rs138409452
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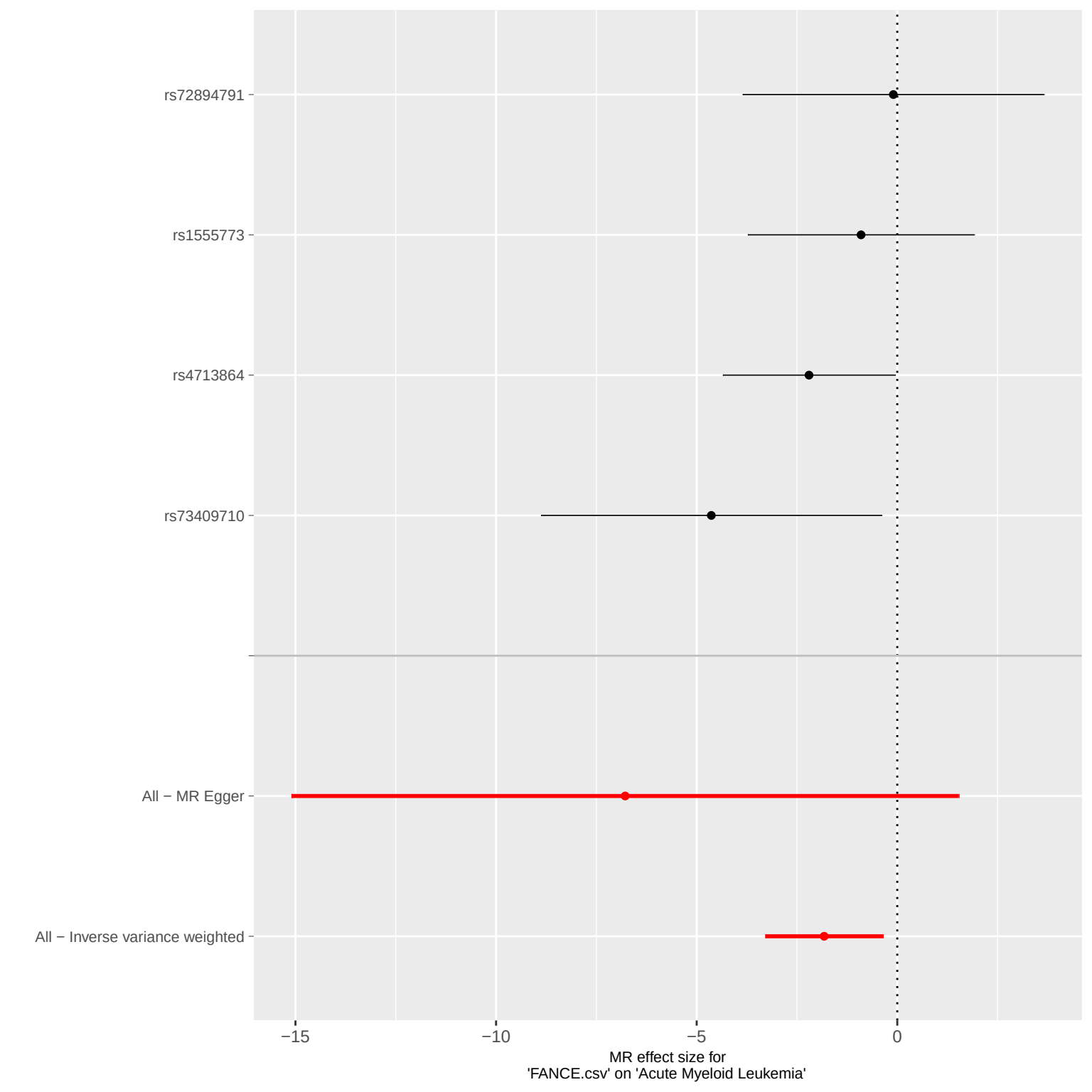
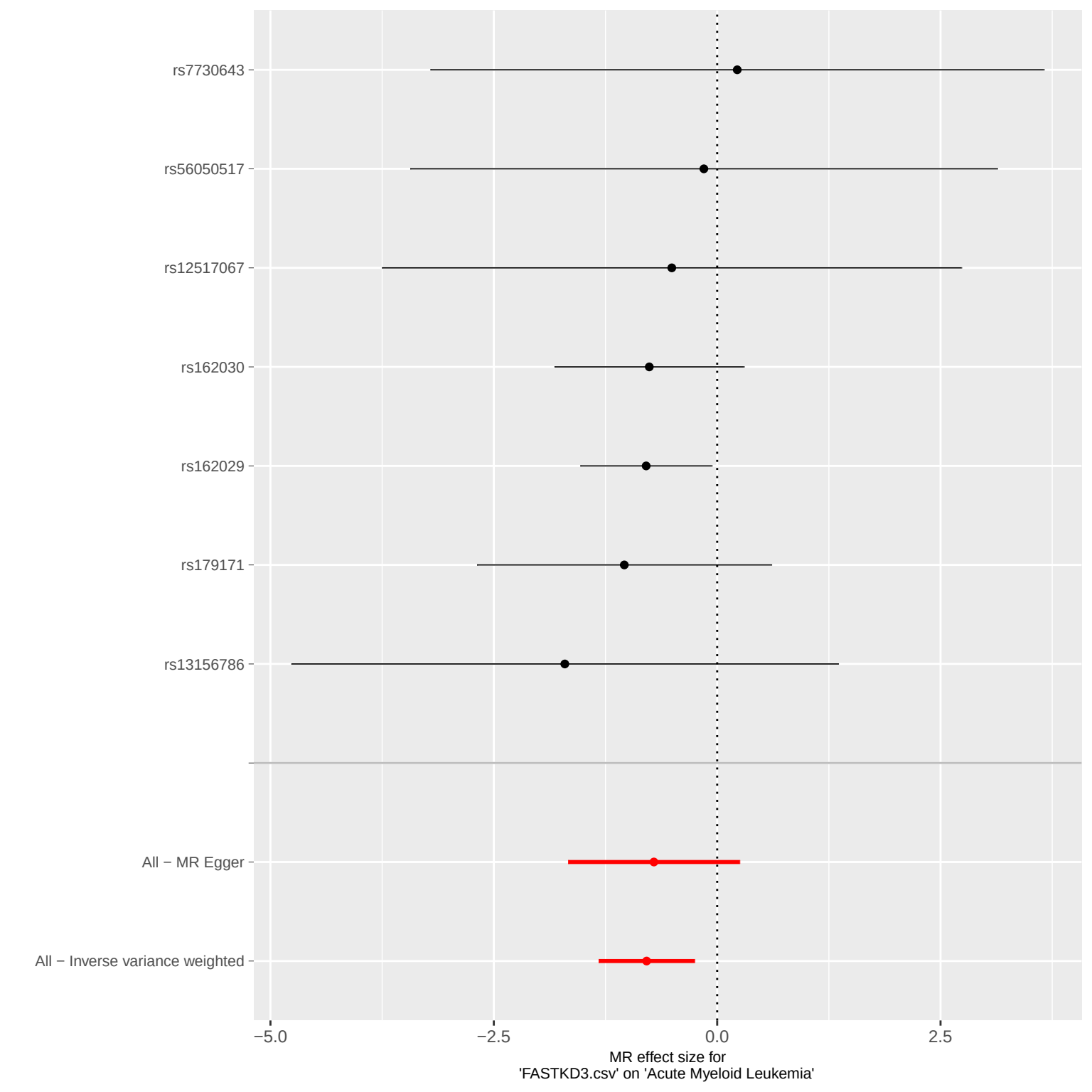
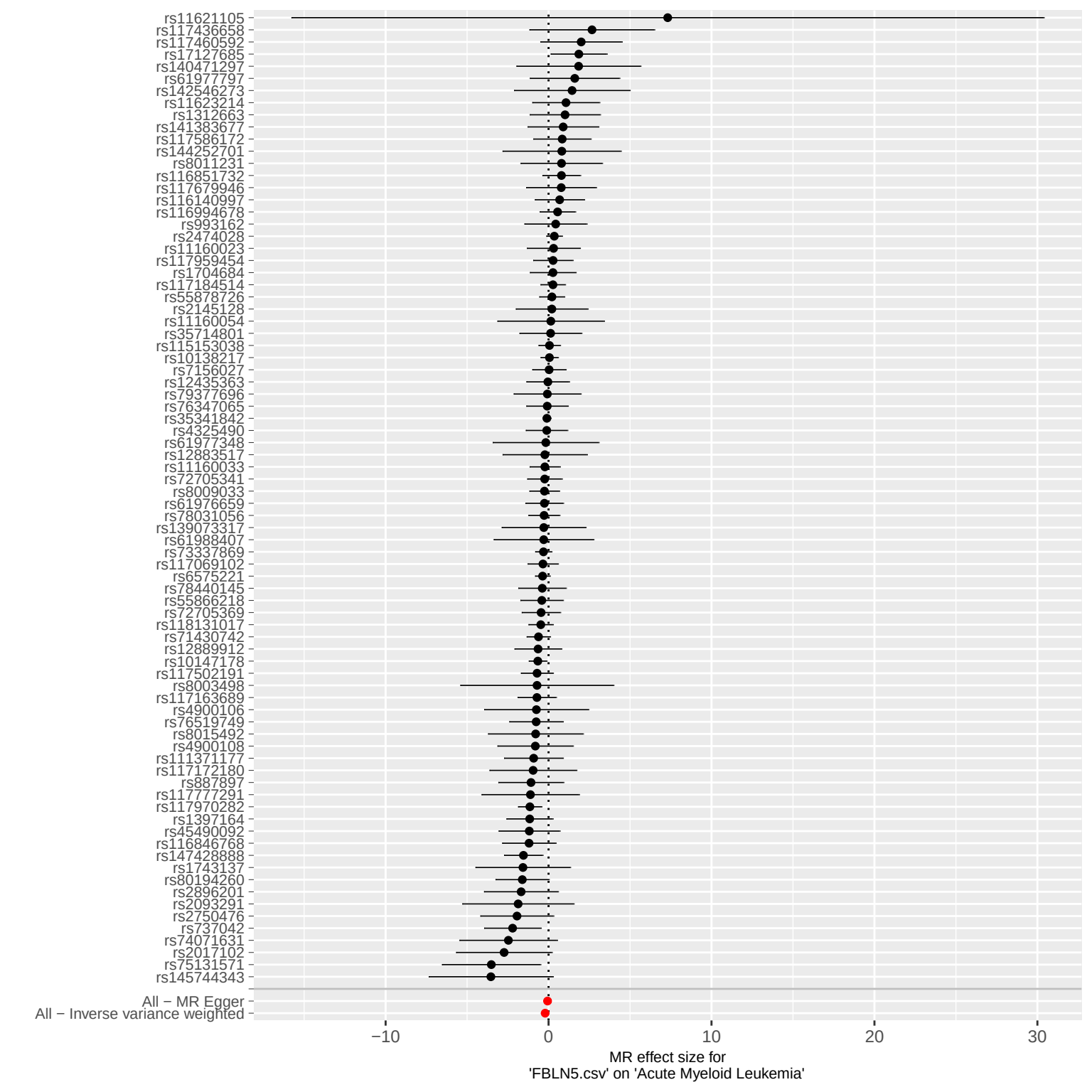
rs77261296
rs5002216
rs185151014
rs10775137
rs16956509
rs74362269
rs4493021
rs62038957
rs149445500
rs144190365
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'FAN1.csv' on 'Acute Myeloid Leukemia'


rs72894791
rs1555773
rs4713864
rs73409710
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
MR effect size for
'FANCE.csv' on 'Acute Myeloid Leukemia'


rs7730643
rs56050517
rs12517067
rs162030
rs162029
rs179171
rs13156786
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'FASTKD3.csv' on 'Acute Myeloid Leukemia'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rs117436658
rs117460592
rs17127685
rs140471297
rs61977797
rs142546273
rs11623214
rs1312663
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rs117586172
rs144252701
rs8011231
rs116851732
rs117679946
rs116140997
rs116994678
rs993162
rs2474028
rs11160023
rs117959454
rs1704684
rs117184514
rs55878726
rs2145128
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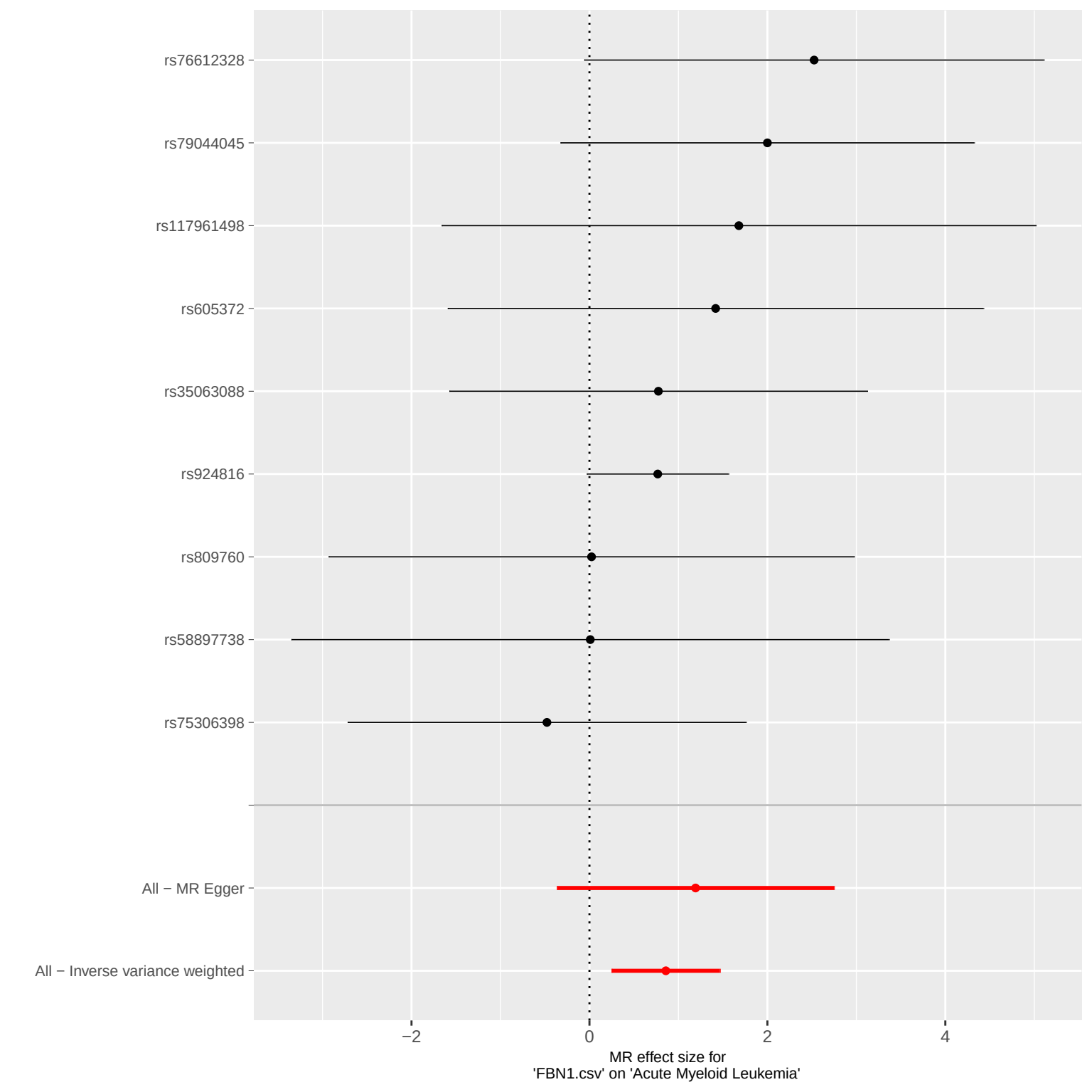
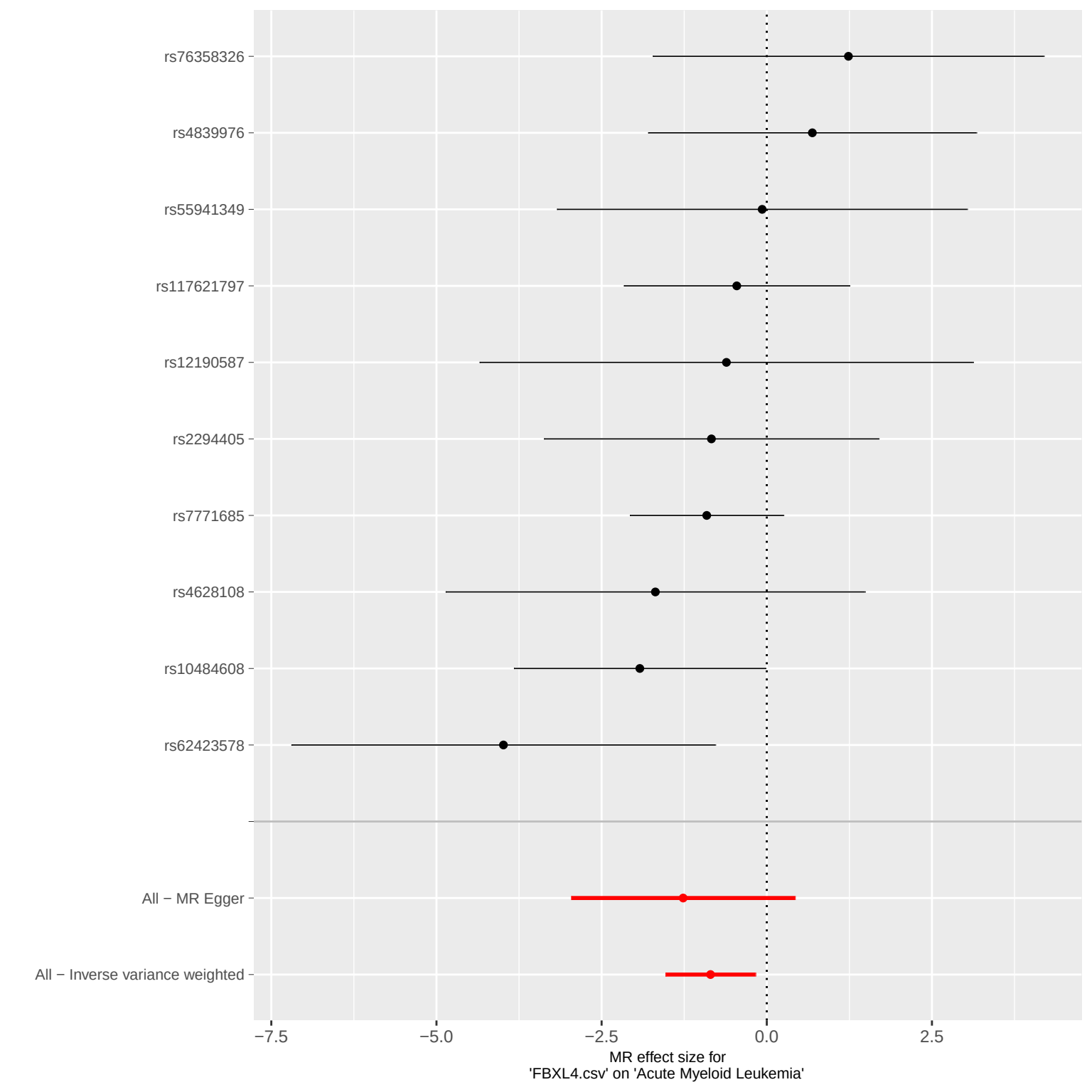
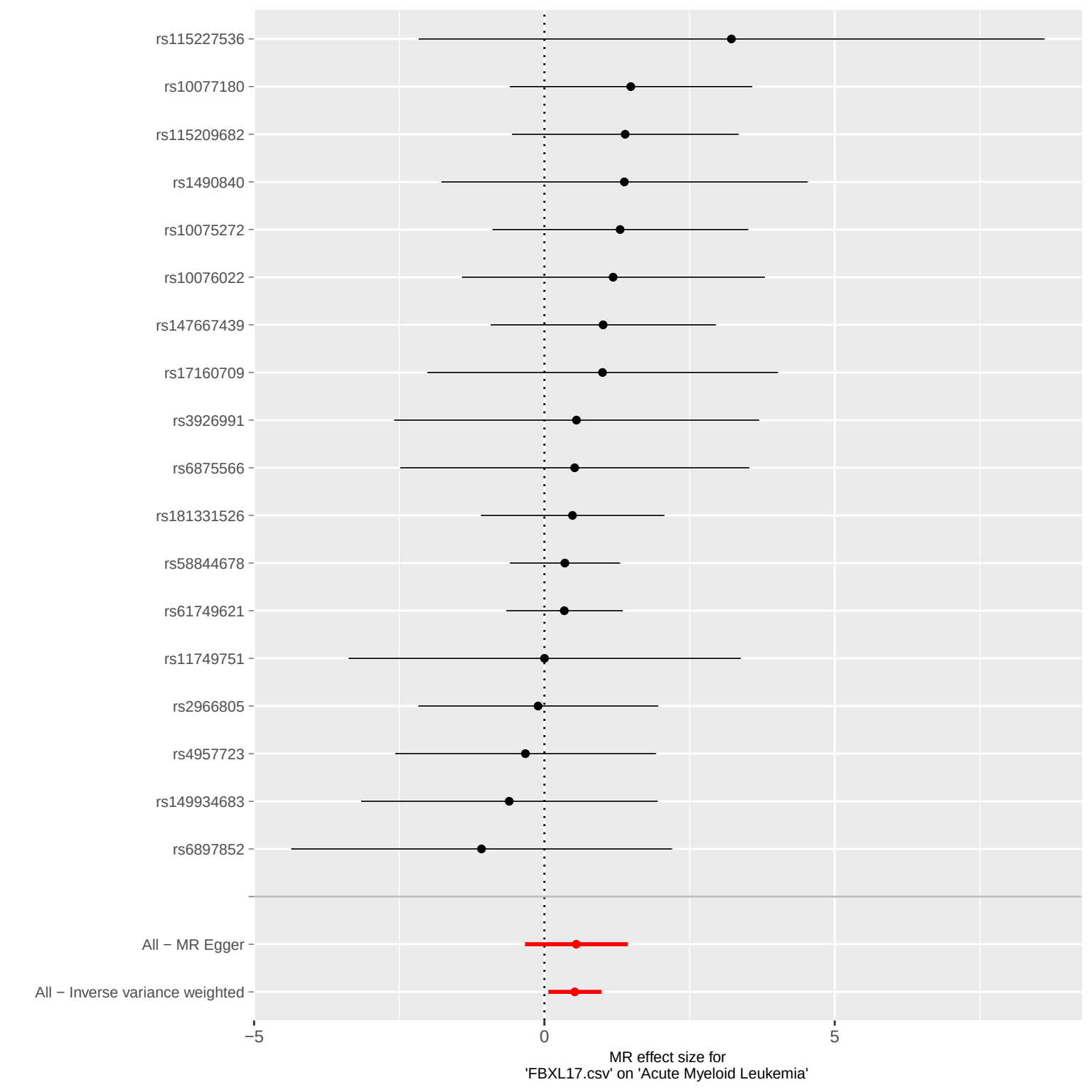
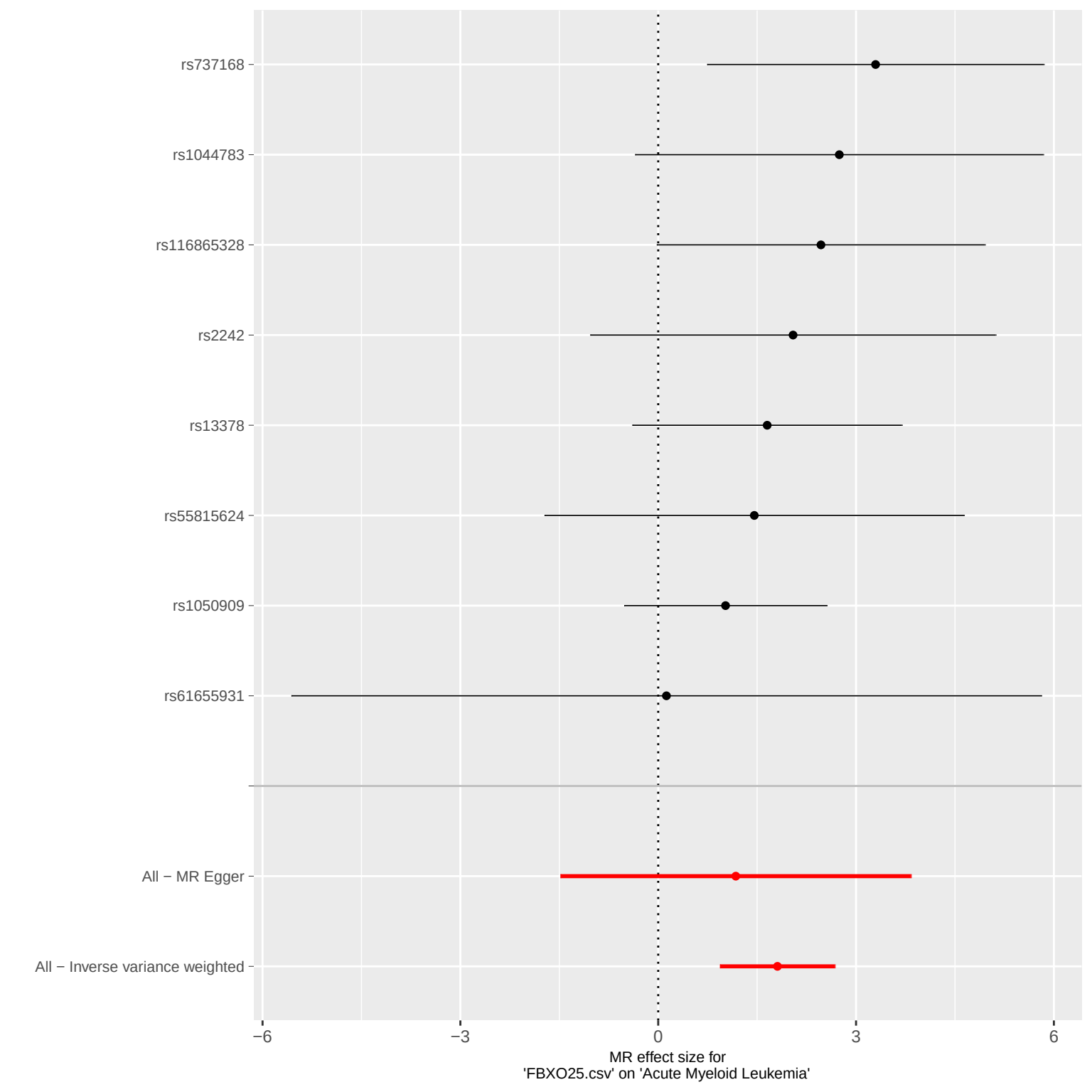
rs35714801
rs115153038
rs10138217
rs7156027
rs12435363
rs79377696
rs76347065
rs35341842
rs4325490
rs61977348
rs12883517
rs11160033
rs72705341
rs8009033
rs61976659
rs78031056
rs139073317
rs61988407
rs73337869
rs117069102
rs6575221
rs78440145
rs55866218
rs72705369
rs118131017
rs71430742
rs12889912
rs10147178
rs117502191
rs8003498
rs117163689
rs4900106
rs76519749
rs8015492
rs4900108
rs111371177
rs117172180
rs887897
rs117777291
rs117970282
rs1397164
rs45490092
rs116846768
rs147428888
rs1743137
rs80194260
rs2896201
rs2093291
rs2750476
rs737042
rs74071631
rs2017102
rs75131571
rs145744343
All − MR Egger
All − Inverse variance weighted
−10
0
10
20
30
MR effect size for
'FBLN5.csv' on 'Acute Myeloid Leukemia'


rs76612328
rs79044045
rs117961498
rs605372
rs35063088
rs924816
rs809760
rs58897738
rs75306398
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FBN1.csv' on 'Acute Myeloid Leukemia'


rs76358326
rs4839976
rs55941349
rs117621797
rs12190587
rs2294405
rs7771685
rs4628108
rs10484608
rs62423578
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'FBXL4.csv' on 'Acute Myeloid Leukemia'


rs115227536
rs10077180
rs115209682
rs1490840
rs10075272
rs10076022
rs147667439
rs17160709
rs3926991
rs6875566
rs181331526
rs58844678
rs61749621
rs11749751
rs2966805
rs4957723
rs149934683
rs6897852
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'FBXL17.csv' on 'Acute Myeloid Leukemia'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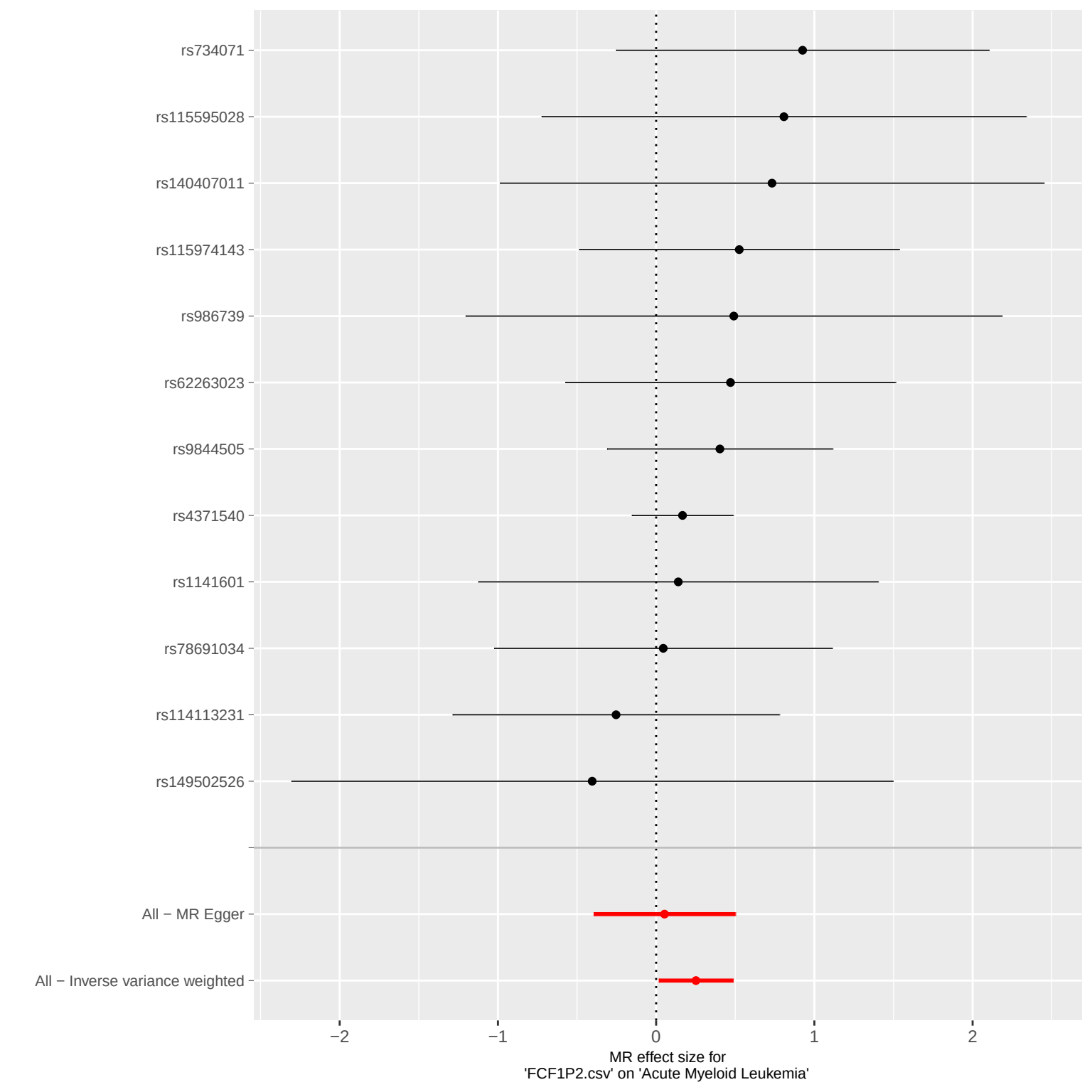
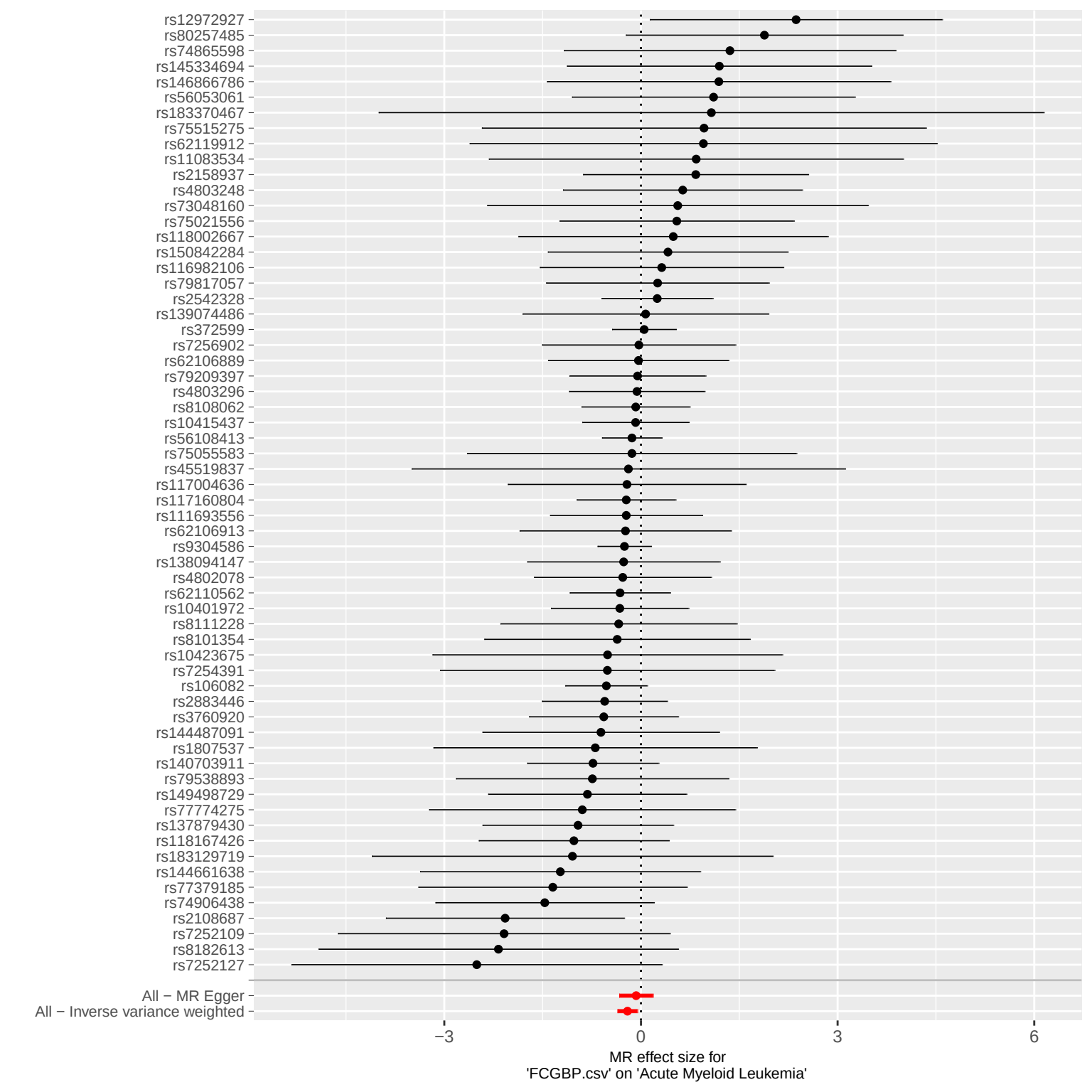
rs1044783
rs116865328
rs2242
rs13378
rs55815624
rs1050909
rs61655931
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'FBXO25.csv' on 'Acute Myeloid Leukemia'


rs734071
rs115595028
rs140407011
rs115974143
rs986739
rs62263023
rs9844505
rs4371540
rs1141601
rs78691034
rs114113231
rs149502526
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'FCF1P2.csv' on 'Acute Myeloid Leukemia'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rs11083534
rs2158937
rs4803248
rs73048160
rs75021556
rs118002667
rs150842284
rs116982106
rs79817057
rs2542328
rs139074486
rs372599
rs7256902
rs62106889
rs79209397
rs4803296
rs8108062
rs10415437
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rs75055583
rs45519837
rs117004636
rs117160804
rs111693556
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rs138094147
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rs62110562
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rs8111228
rs8101354
rs10423675
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rs106082
rs2883446
rs3760920
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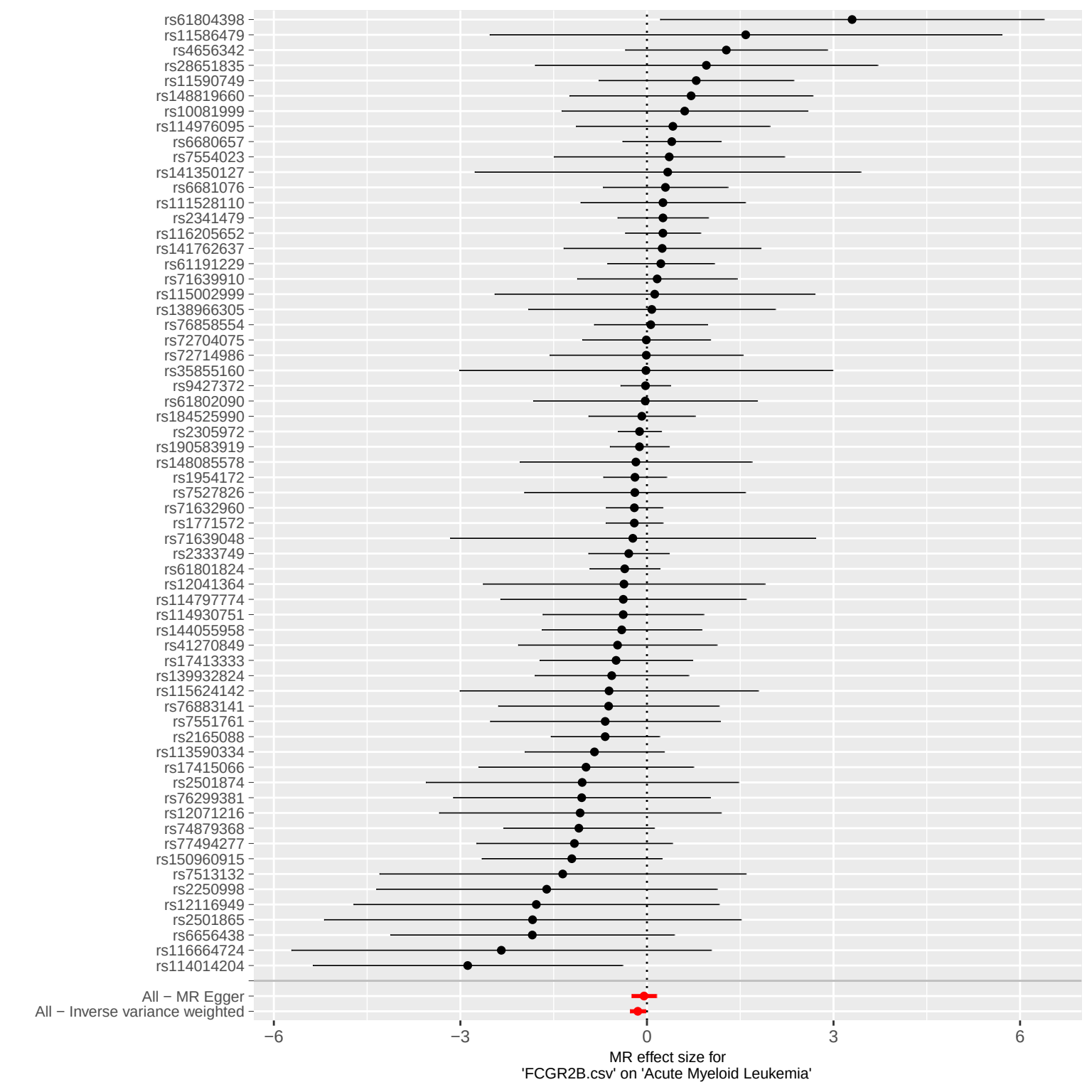
rs1807537
rs140703911
rs79538893
rs149498729
rs77774275
rs137879430
rs118167426
rs183129719
rs144661638
rs77379185
rs74906438
rs2108687
rs7252109
rs8182613
rs7252127
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'FCGBP.csv' on 'Acute Myeloid Leukemia'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rs6681076
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rs2341479
rs116205652
rs141762637
rs61191229
rs71639910
rs115002999
rs138966305
rs76858554
rs72704075
rs72714986
rs35855160
rs9427372
rs61802090
rs184525990
rs2305972
rs190583919
rs148085578
rs1954172
rs7527826
rs71632960
rs1771572
rs71639048
rs2333749
rs61801824
rs12041364
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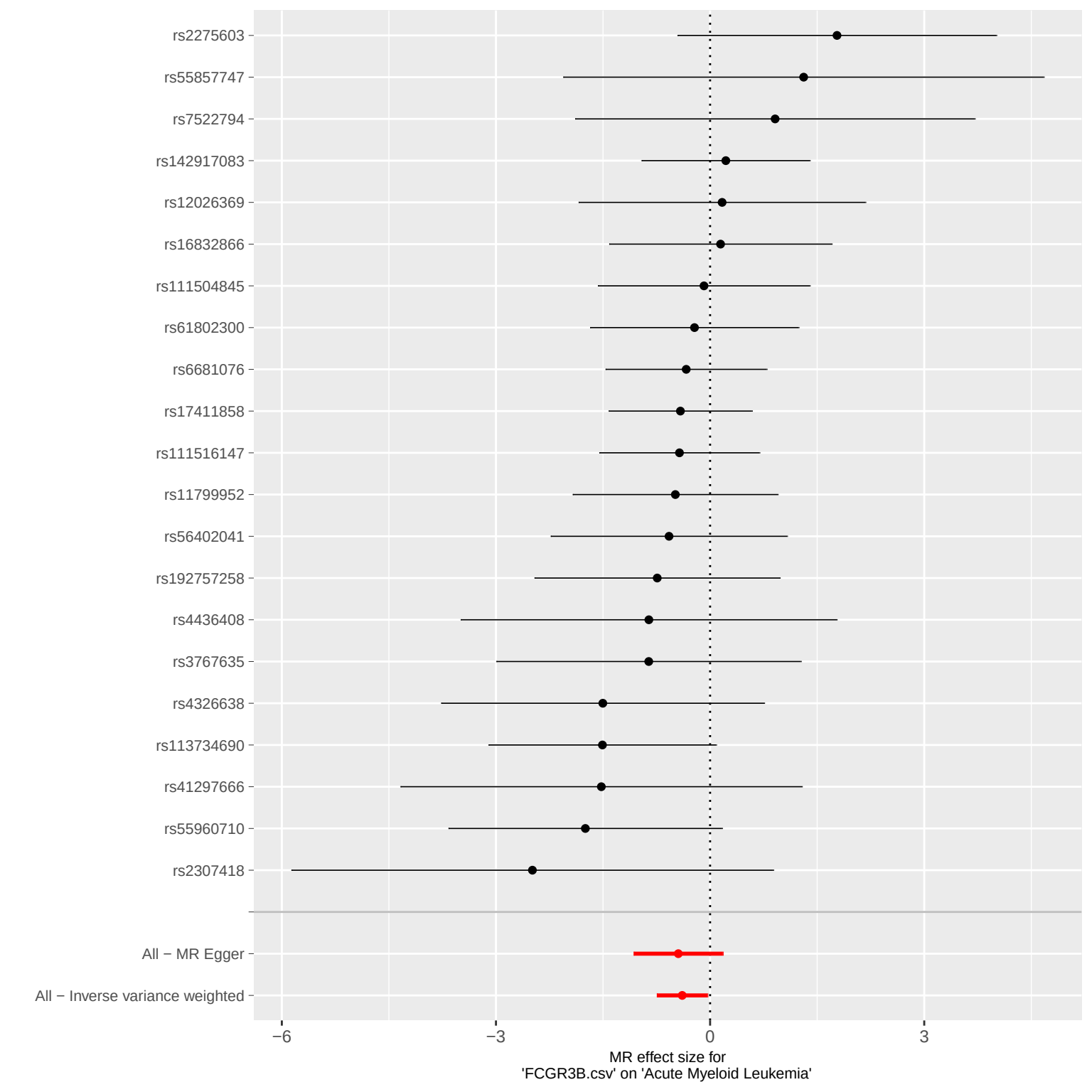
rs114930751
rs144055958
rs41270849
rs17413333
rs139932824
rs115624142
rs76883141
rs7551761
rs2165088
rs113590334
rs17415066
rs2501874
rs76299381
rs12071216
rs74879368
rs77494277
rs150960915
rs7513132
rs2250998
rs12116949
rs2501865
rs6656438
rs116664724
rs114014204
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'FCGR2B.csv' on 'Acute Myeloid Leukemia'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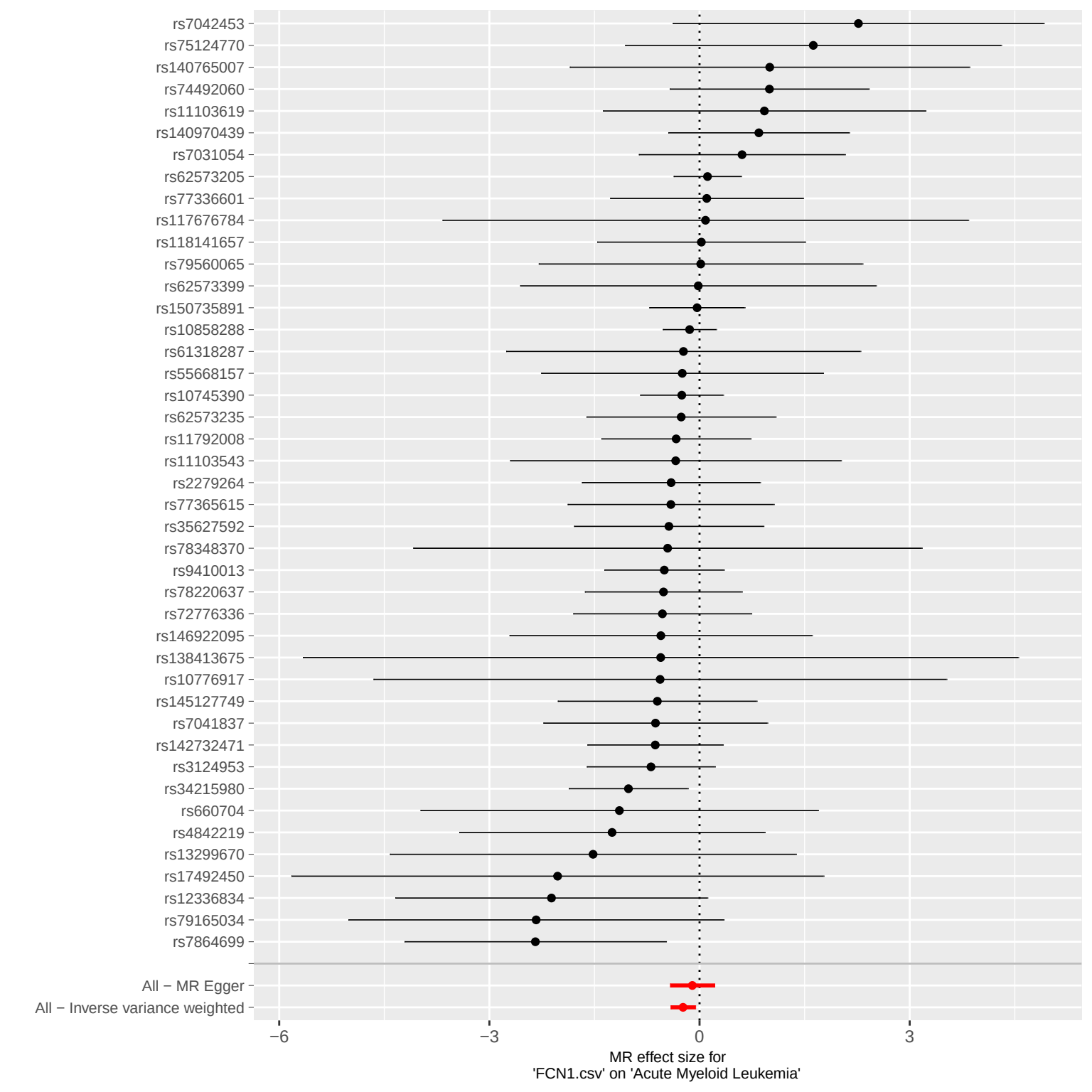
rs61802300
rs6681076
rs17411858
rs111516147
rs11799952
rs56402041
rs192757258
rs4436408
rs3767635
rs4326638
rs113734690
rs41297666
rs55960710
rs2307418
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'FCGR3B.csv' on 'Acute Myeloid Leukemia'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rs140970439
rs7031054
rs62573205
rs77336601
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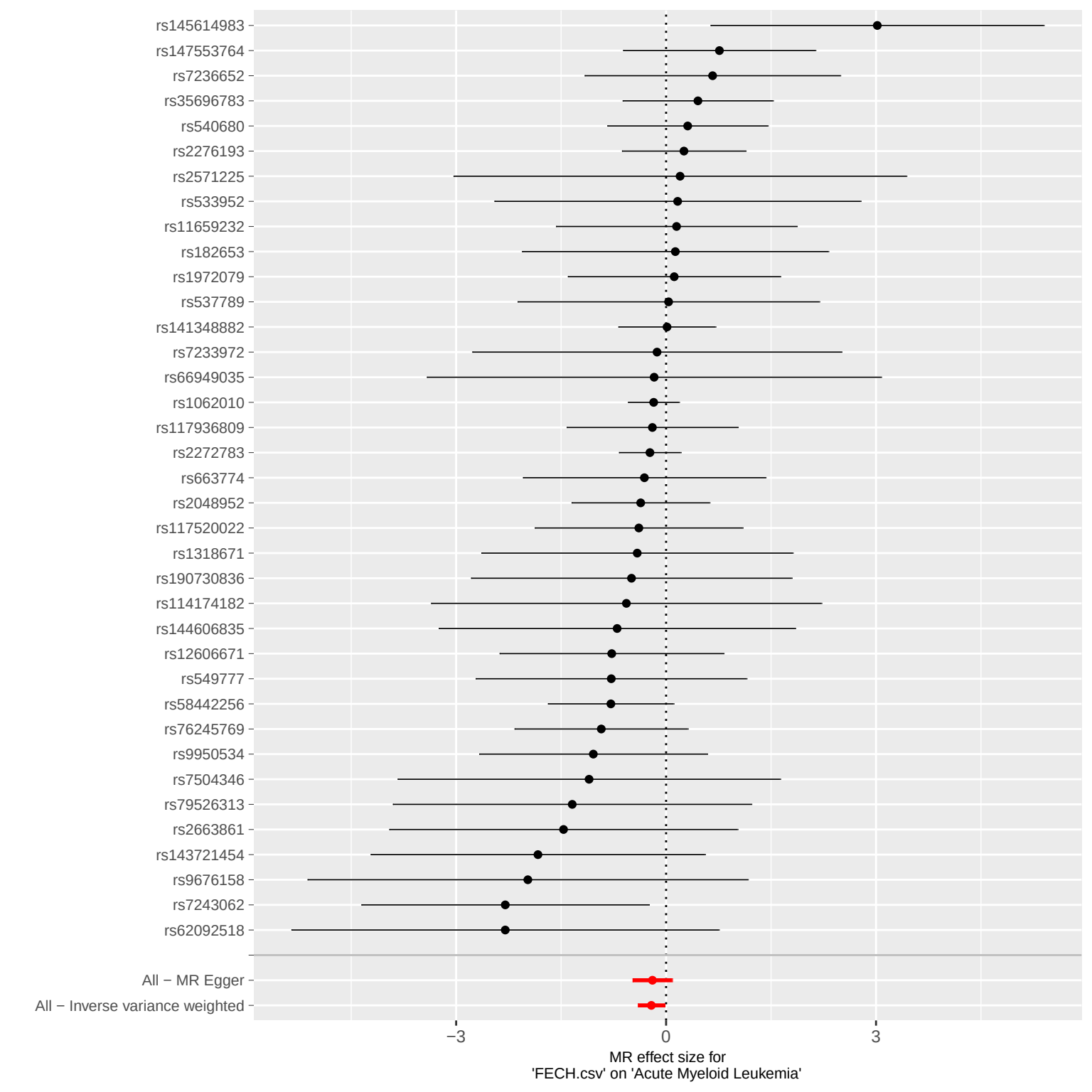
rs79560065
rs62573399
rs150735891
rs10858288
rs61318287
rs55668157
rs10745390
rs62573235
rs11792008
rs11103543
rs2279264
rs77365615
rs35627592
rs78348370
rs9410013
rs78220637
rs72776336
rs146922095
rs138413675
rs10776917
rs145127749
rs7041837
rs142732471
rs3124953
rs34215980
rs660704
rs4842219
rs13299670
rs17492450
rs12336834
rs79165034
rs7864699
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'FCN1.csv' on 'Acute Myeloid Leukemia'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rs35696783
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rs2276193
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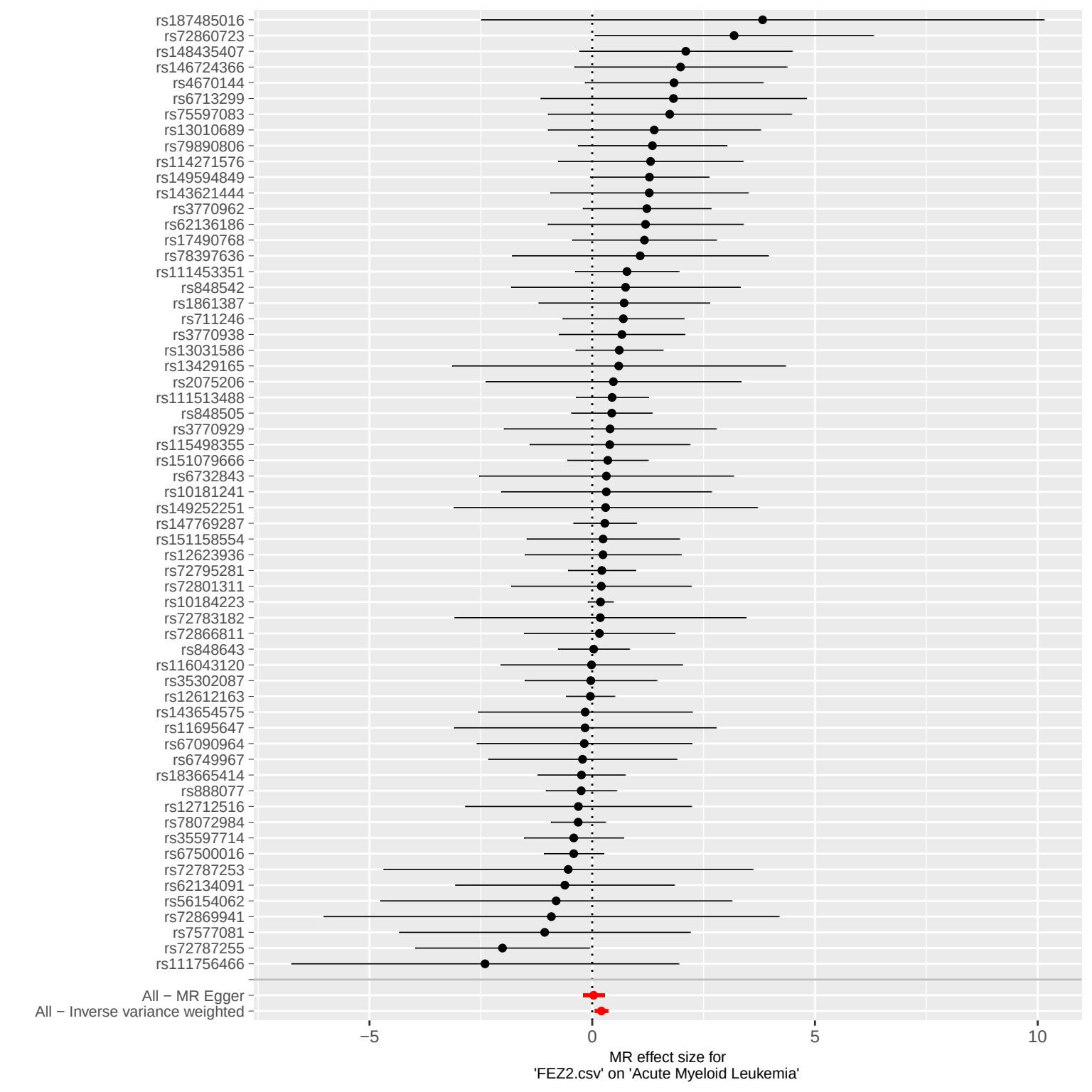
rs182653
rs1972079
rs537789
rs141348882
rs7233972
rs66949035
rs1062010
rs117936809
rs2272783
rs663774
rs2048952
rs117520022
rs1318671
rs190730836
rs114174182
rs144606835
rs12606671
rs549777
rs58442256
rs76245769
rs9950534
rs7504346
rs79526313
rs2663861
rs143721454
rs9676158
rs7243062
rs62092518
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'FECH.csv' on 'Acute Myeloid Leukemia'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rs6713299
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rs149594849
rs143621444
rs3770962
rs62136186
rs17490768
rs78397636
rs111453351
rs848542
rs1861387
rs711246
rs3770938
rs13031586
rs13429165
rs2075206
rs111513488
rs848505
rs3770929
rs115498355
rs151079666
rs6732843
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rs149252251
rs147769287
rs151158554
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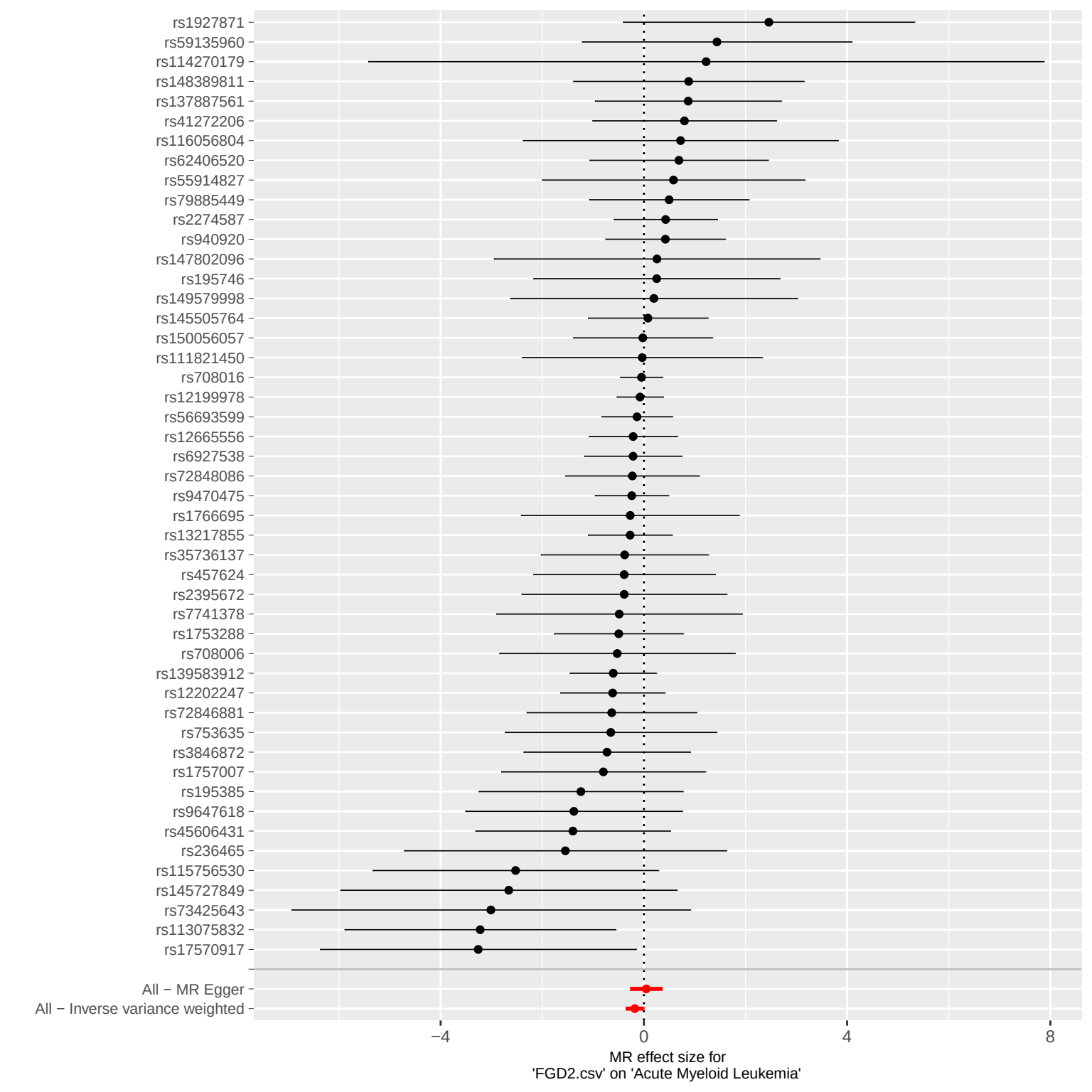
rs72801311
rs10184223
rs72783182
rs72866811
rs848643
rs116043120
rs35302087
rs12612163
rs143654575
rs11695647
rs67090964
rs6749967
rs183665414
rs888077
rs12712516
rs78072984
rs35597714
rs67500016
rs72787253
rs62134091
rs56154062
rs72869941
rs7577081
rs72787255
rs111756466
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'FEZ2.csv' on 'Acute Myeloid Leukemia'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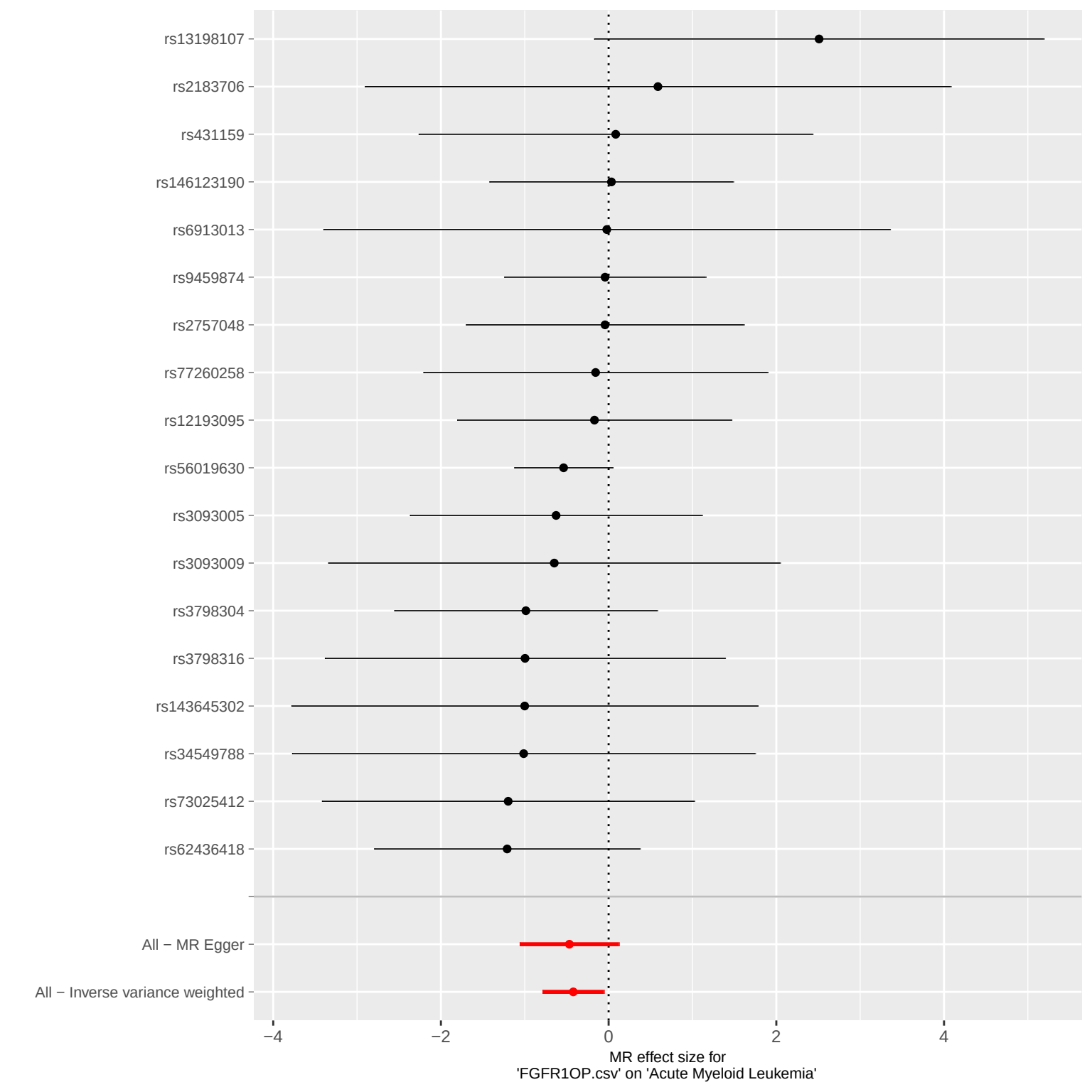
rs79885449
rs2274587
rs940920
rs147802096
rs195746
rs149579998
rs145505764
rs150056057
rs111821450
rs708016
rs12199978
rs56693599
rs12665556
rs6927538
rs72848086
rs9470475
rs1766695
rs13217855
rs35736137
rs457624
rs2395672
rs7741378
rs1753288
rs708006
rs139583912
rs12202247
rs72846881
rs753635
rs3846872
rs1757007
rs195385
rs9647618
rs45606431
rs236465
rs115756530
rs145727849
rs73425643
rs113075832
rs17570917
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'FGD2.csv' on 'Acute Myeloid Leukemia'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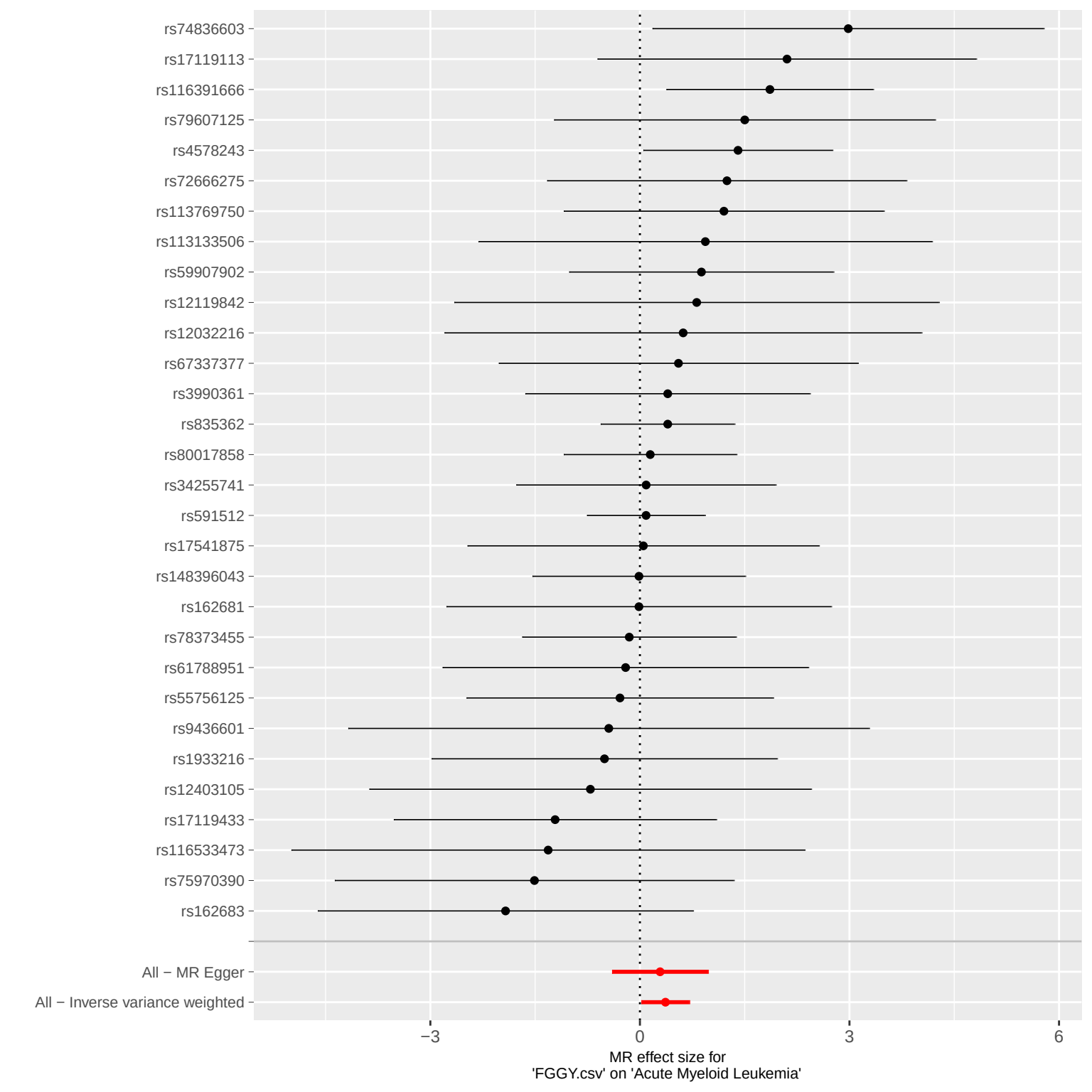
rs146123190
rs6913013
rs9459874
rs2757048
rs77260258
rs12193095
rs56019630
rs3093005
rs3093009
rs3798304
rs3798316
rs143645302
rs34549788
rs73025412
rs62436418
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'FGFR1OP.csv' on 'Acute Myeloid Leukemia'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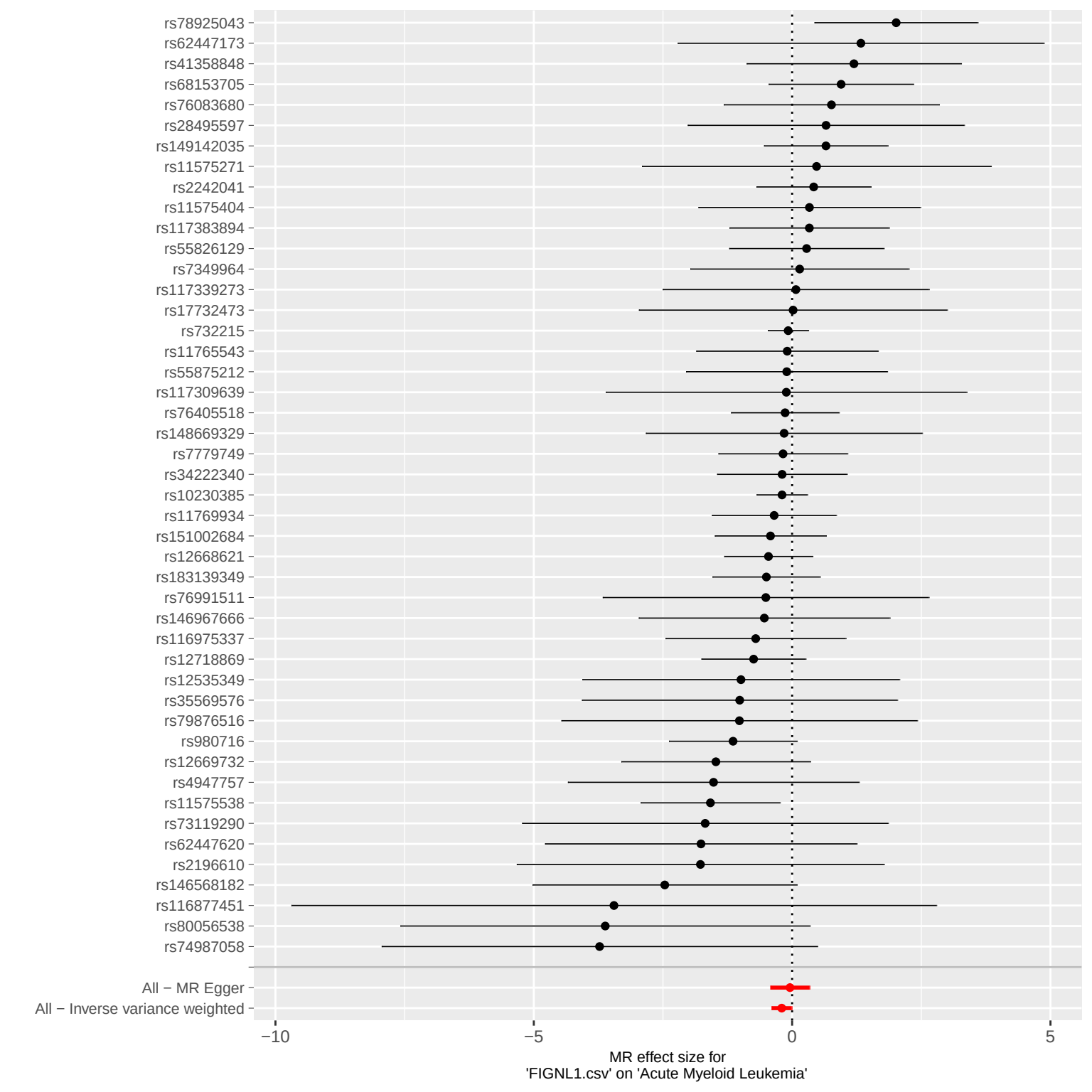
rs79607125
rs4578243
rs72666275
rs113769750
rs113133506
rs59907902
rs12119842
rs12032216
rs67337377
rs3990361
rs835362
rs80017858
rs34255741
rs591512
rs17541875
rs148396043
rs162681
rs78373455
rs61788951
rs55756125
rs9436601
rs1933216
rs12403105
rs17119433
rs116533473
rs75970390
rs162683
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'FGGY.csv' on 'Acute Myeloid Leukemia'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rs28495597
rs149142035
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rs117383894
rs55826129
rs7349964
rs117339273
rs17732473
rs732215
rs11765543
rs55875212
rs117309639
rs76405518
rs148669329
rs7779749
rs34222340
rs10230385
rs11769934
rs151002684
rs12668621
rs183139349
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rs146967666
rs116975337
rs12718869
rs12535349
rs35569576
rs79876516
rs980716
rs12669732
rs4947757
rs11575538
rs73119290
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rs146568182
rs116877451
rs80056538
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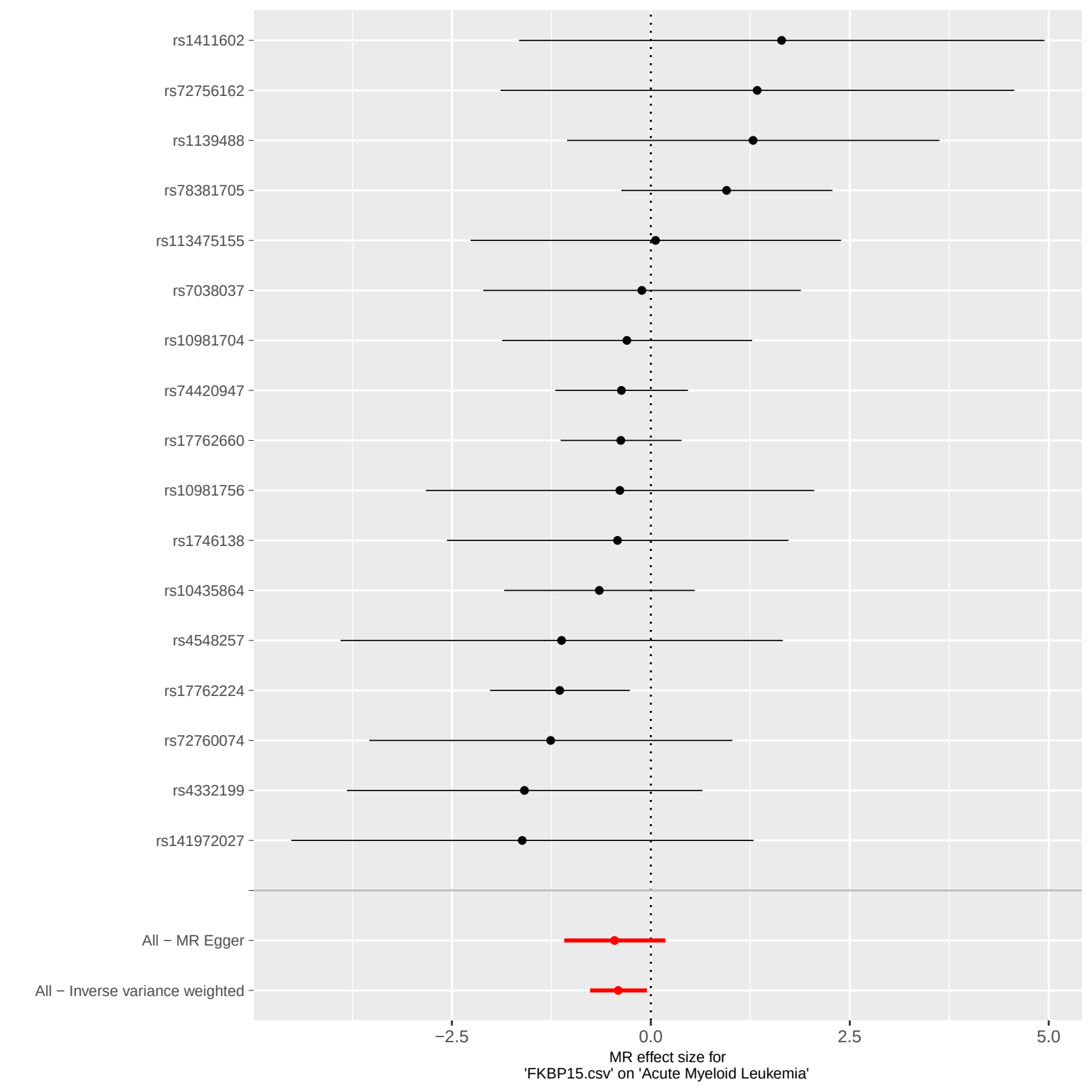
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FIGNL1.csv' on 'Acute Myeloid Leukemia'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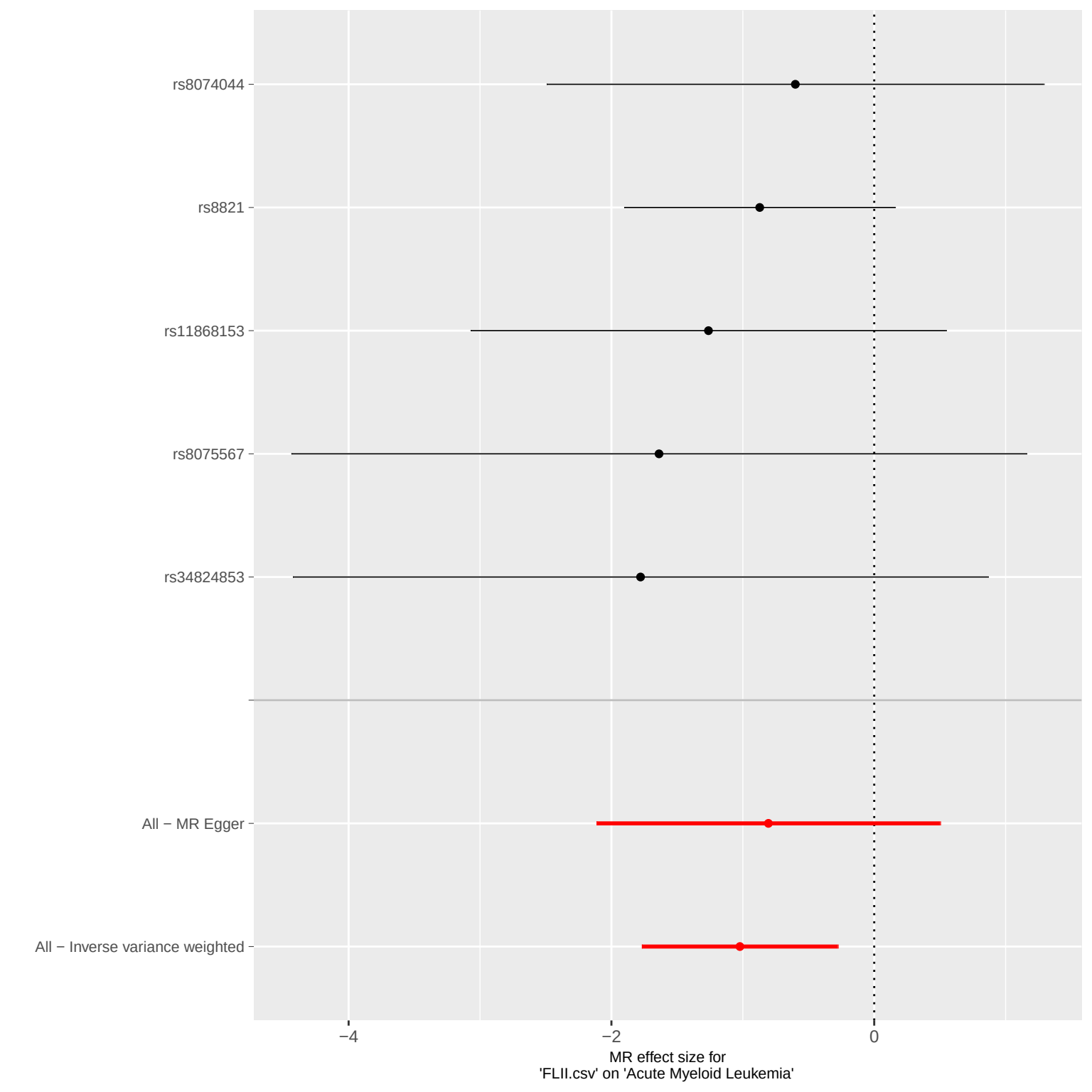
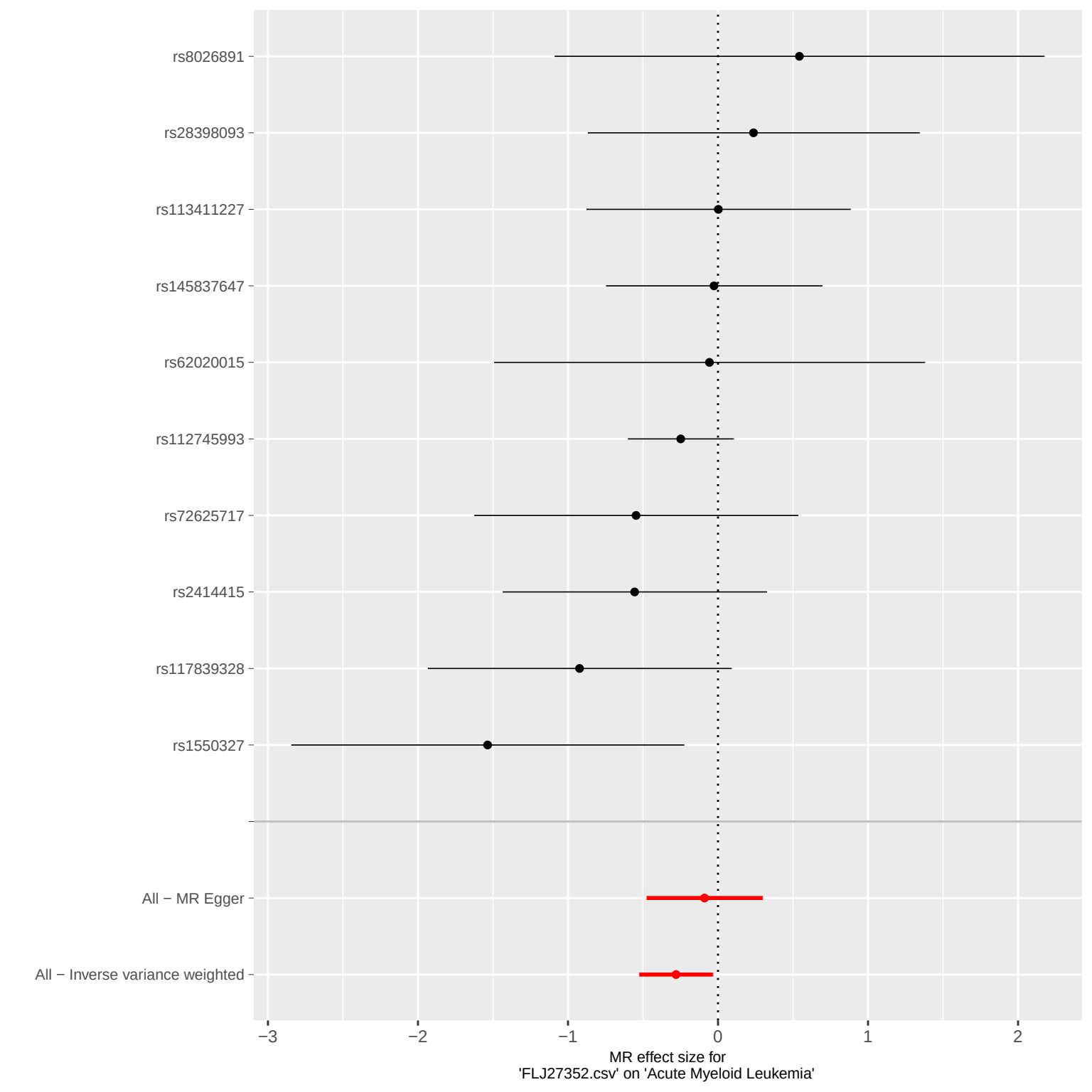
rs74420947
rs17762660
rs10981756
rs1746138
rs10435864
rs4548257
rs17762224
rs72760074
rs4332199
rs141972027
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'FKBP15.csv' on 'Acute Myeloid Leukemia'


rs8074044
rs8821
rs11868153
rs8075567
rs34824853
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'FLII.csv' on 'Acute Myeloid Leukemia'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rs28398093
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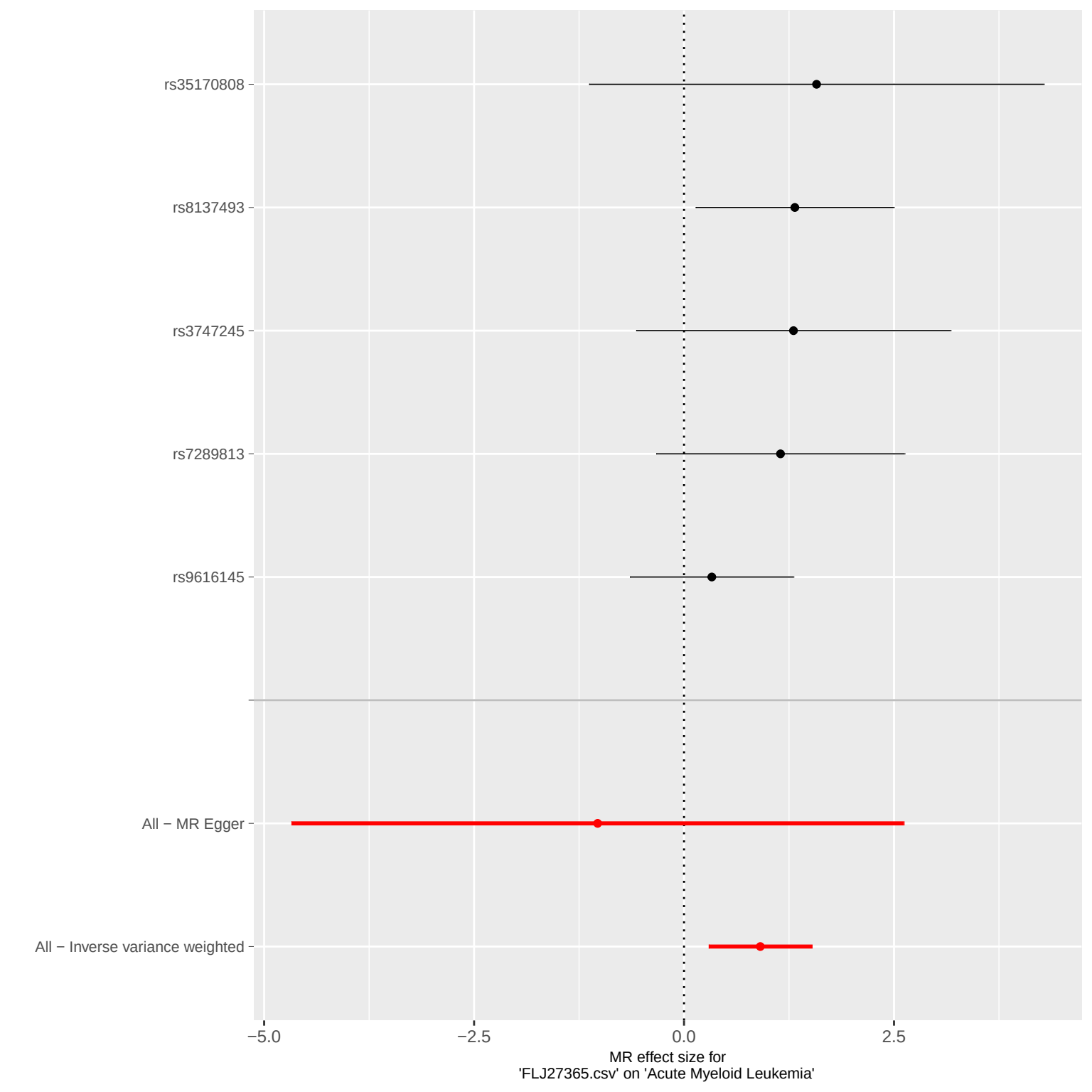
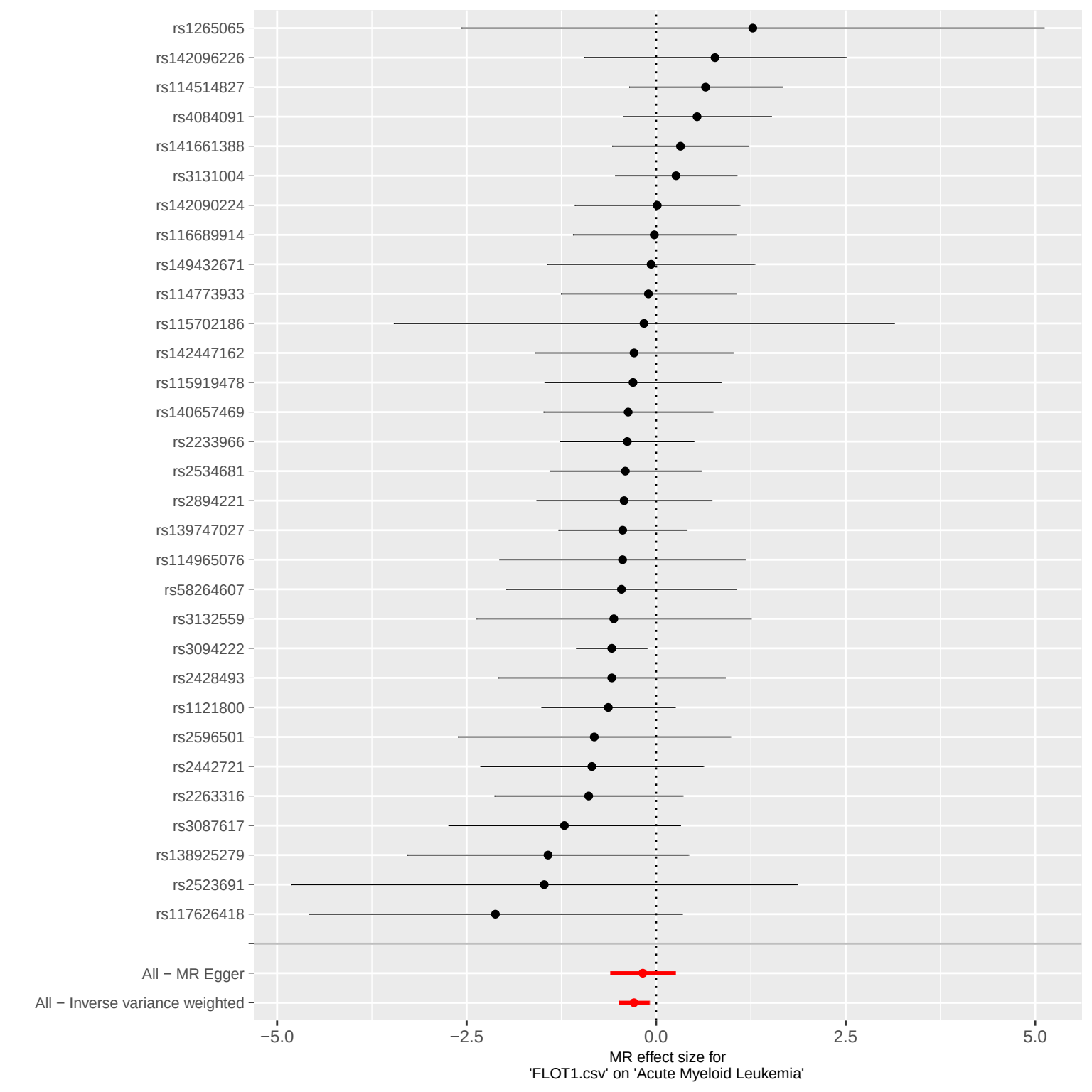
rs145837647
rs62020015
rs112745993
rs72625717
rs2414415
rs117839328
rs1550327
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'FLJ27352.csv' on 'Acute Myeloid Leukemia'


rs35170808
rs8137493
rs3747245
rs7289813
rs9616145
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'FLJ27365.csv' on 'Acute Myeloid Leukemia'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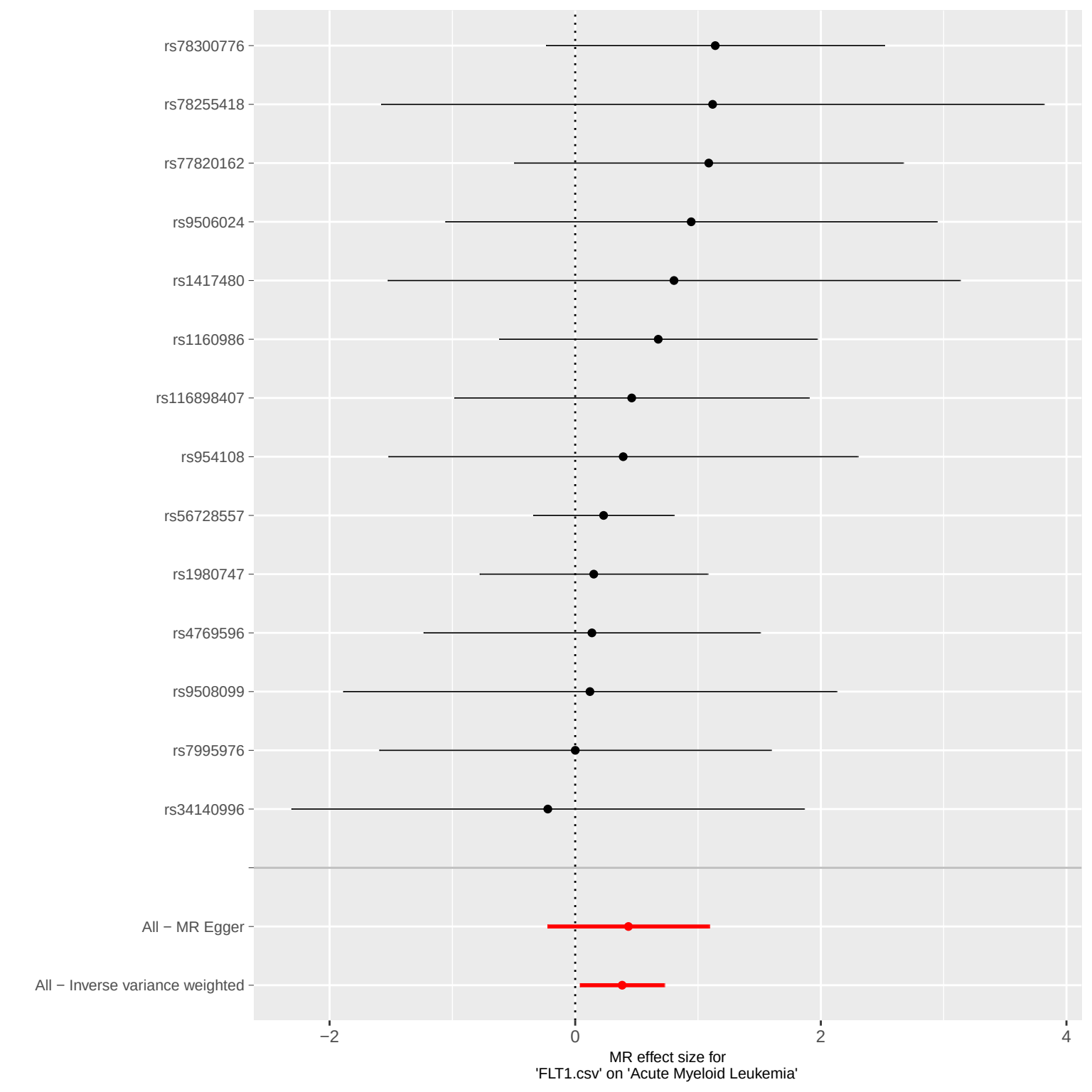
rs3094222
rs2428493
rs1121800
rs2596501
rs2442721
rs2263316
rs3087617
rs138925279
rs2523691
rs117626418
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'FLOT1.csv' on 'Acute Myeloid Leukemia'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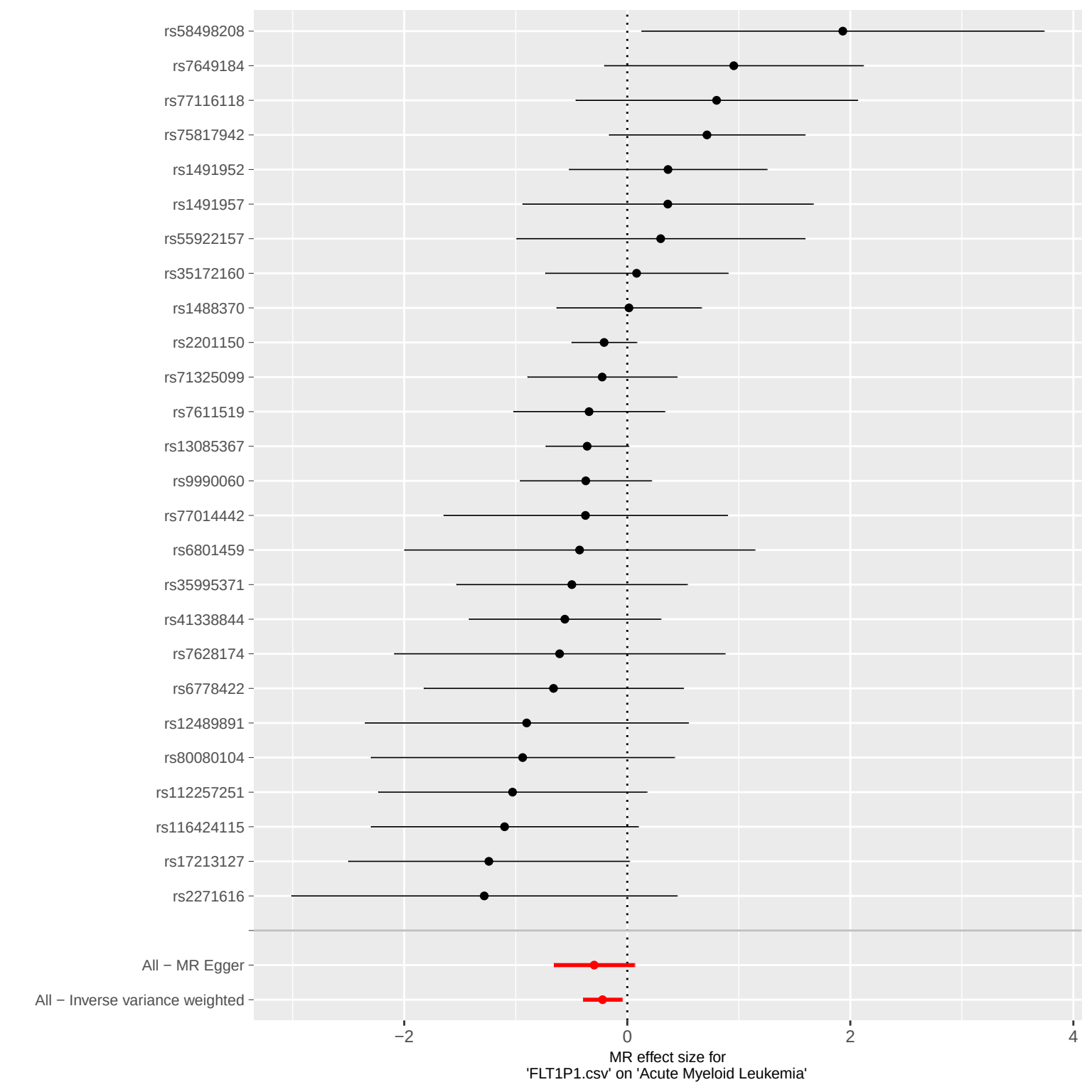
rs9506024
rs1417480
rs1160986
rs116898407
rs954108
rs56728557
rs1980747
rs4769596
rs9508099
rs7995976
rs34140996
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FLT1.csv' on 'Acute Myeloid Leukemia'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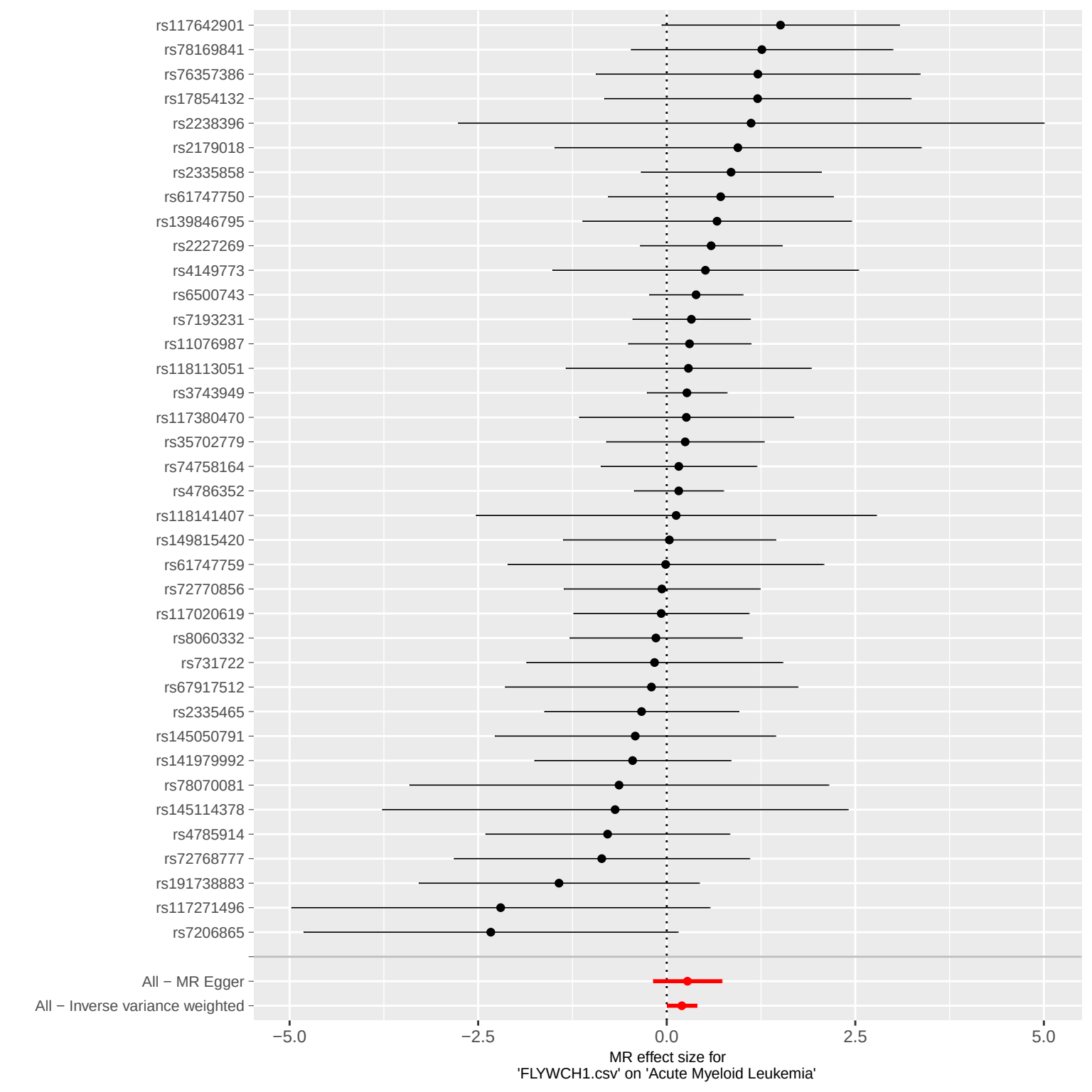
rs7649184
rs77116118
rs75817942
rs1491952
rs1491957
rs55922157
rs35172160
rs1488370
rs2201150
rs71325099
rs7611519
rs13085367
rs9990060
rs77014442
rs6801459
rs35995371
rs41338844
rs7628174
rs6778422
rs12489891
rs80080104
rs112257251
rs116424115
rs17213127
rs2271616
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FLT1P1.csv' on 'Acute Myeloid Leukemia'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rs2238396
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rs2335858
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rs139846795
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rs4149773
rs6500743
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rs11076987
rs118113051
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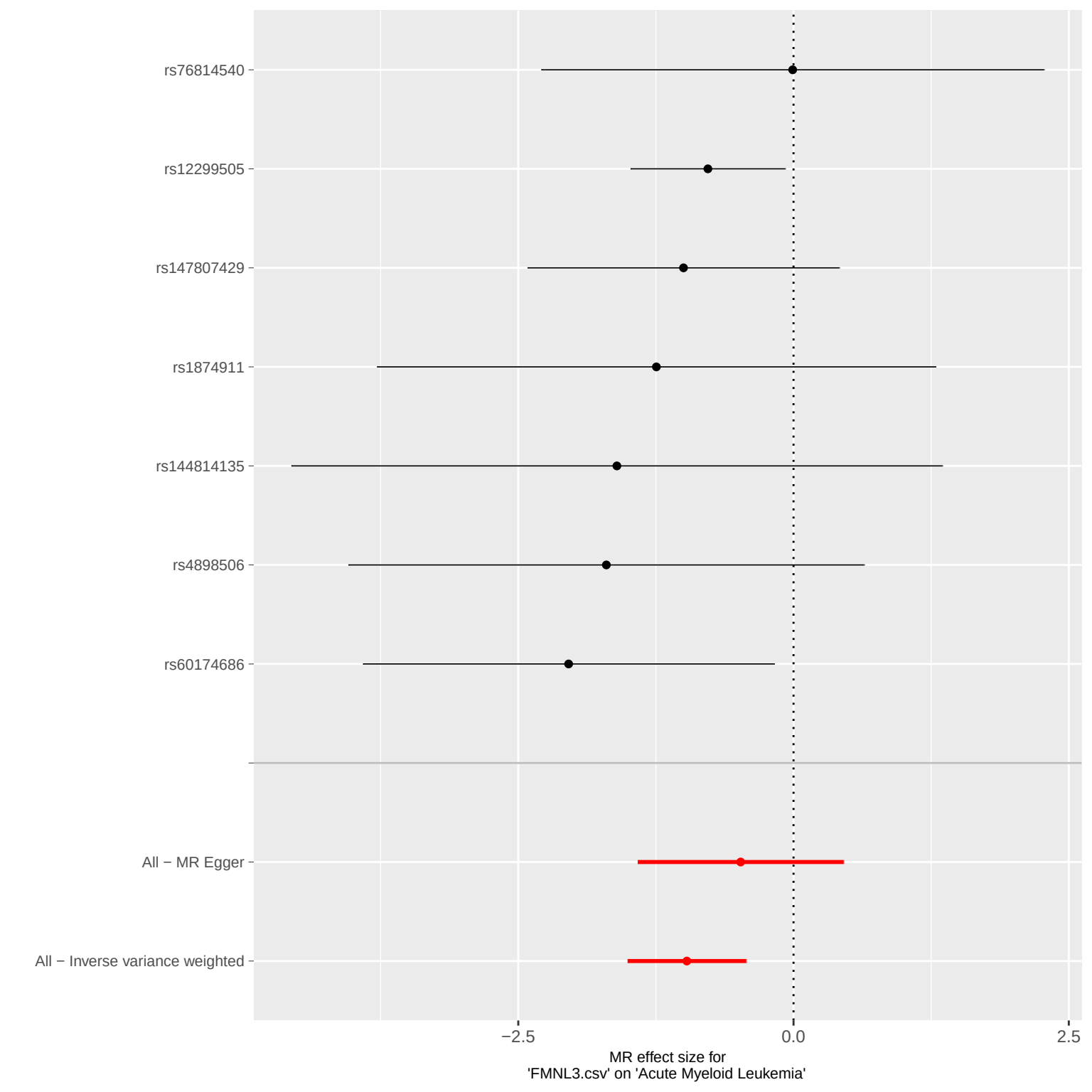
rs8060332
rs731722
rs67917512
rs2335465
rs145050791
rs141979992
rs78070081
rs145114378
rs4785914
rs72768777
rs191738883
rs117271496
rs7206865
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'FLYWCH1.csv' on 'Acute Myeloid Leukemia'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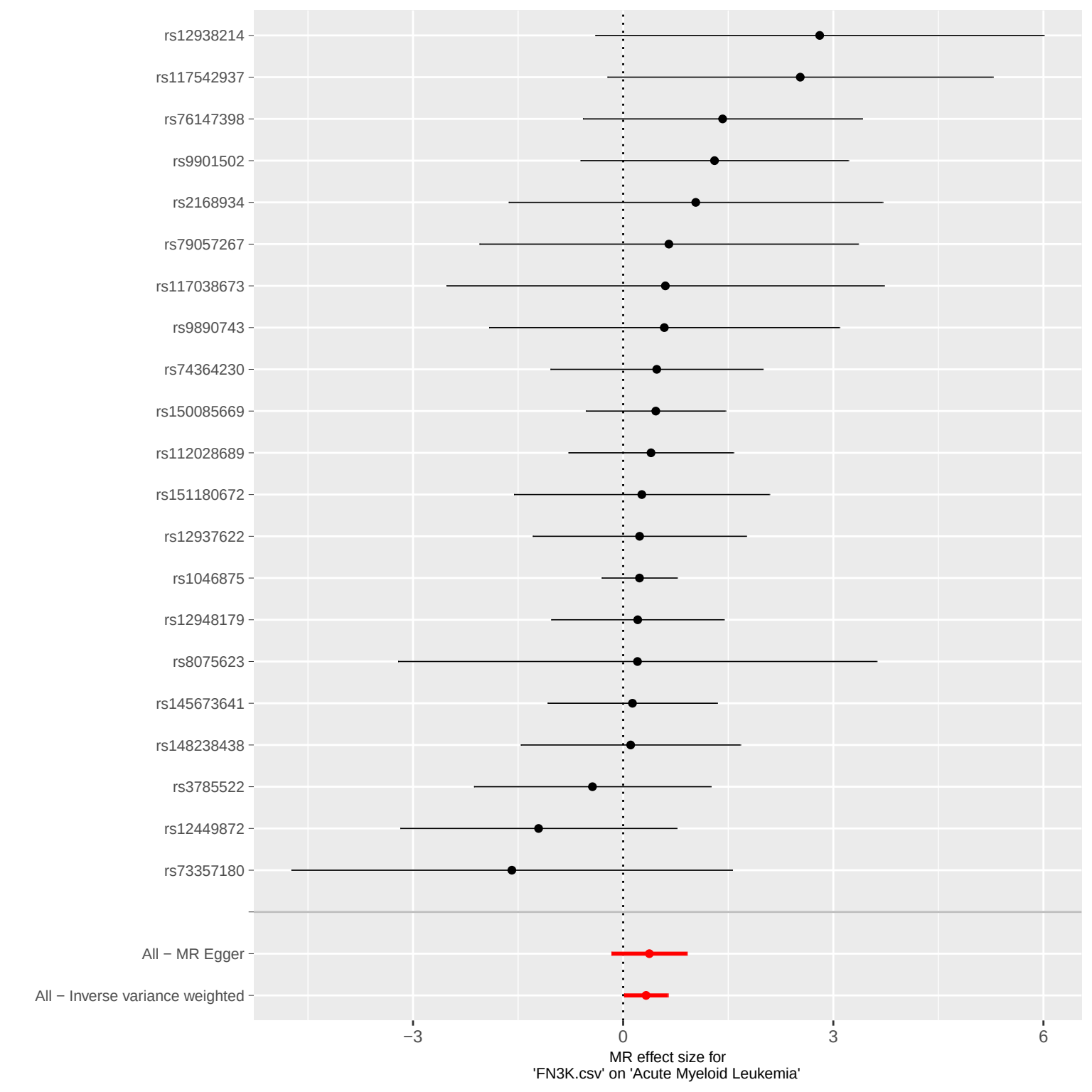
rs12299505
rs147807429
rs1874911
rs144814135
rs4898506
rs60174686
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'FMNL3.csv' on 'Acute Myeloid Leukemia'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rs76147398
rs9901502
rs2168934
rs79057267
rs117038673
rs9890743
rs74364230
rs150085669
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rs148238438
rs3785522
rs12449872
rs73357180
All − MR Egger
All − Inverse variance weighted
−3
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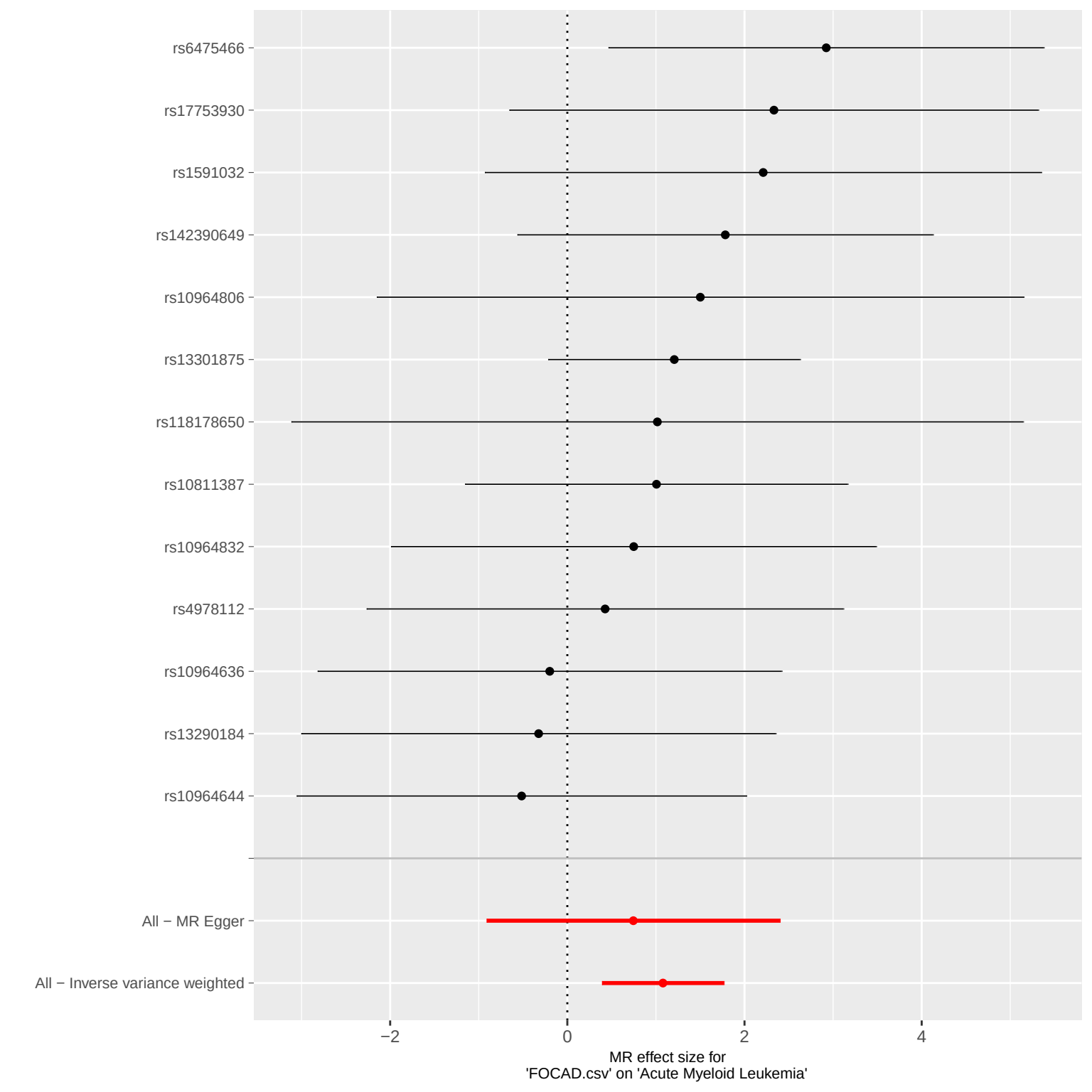
3
6
MR effect size for
'FN3K.csv' on 'Acute Myeloid Leukemia'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rs10964806
rs13301875
rs118178650
rs10811387
rs10964832
rs4978112
rs10964636
rs13290184
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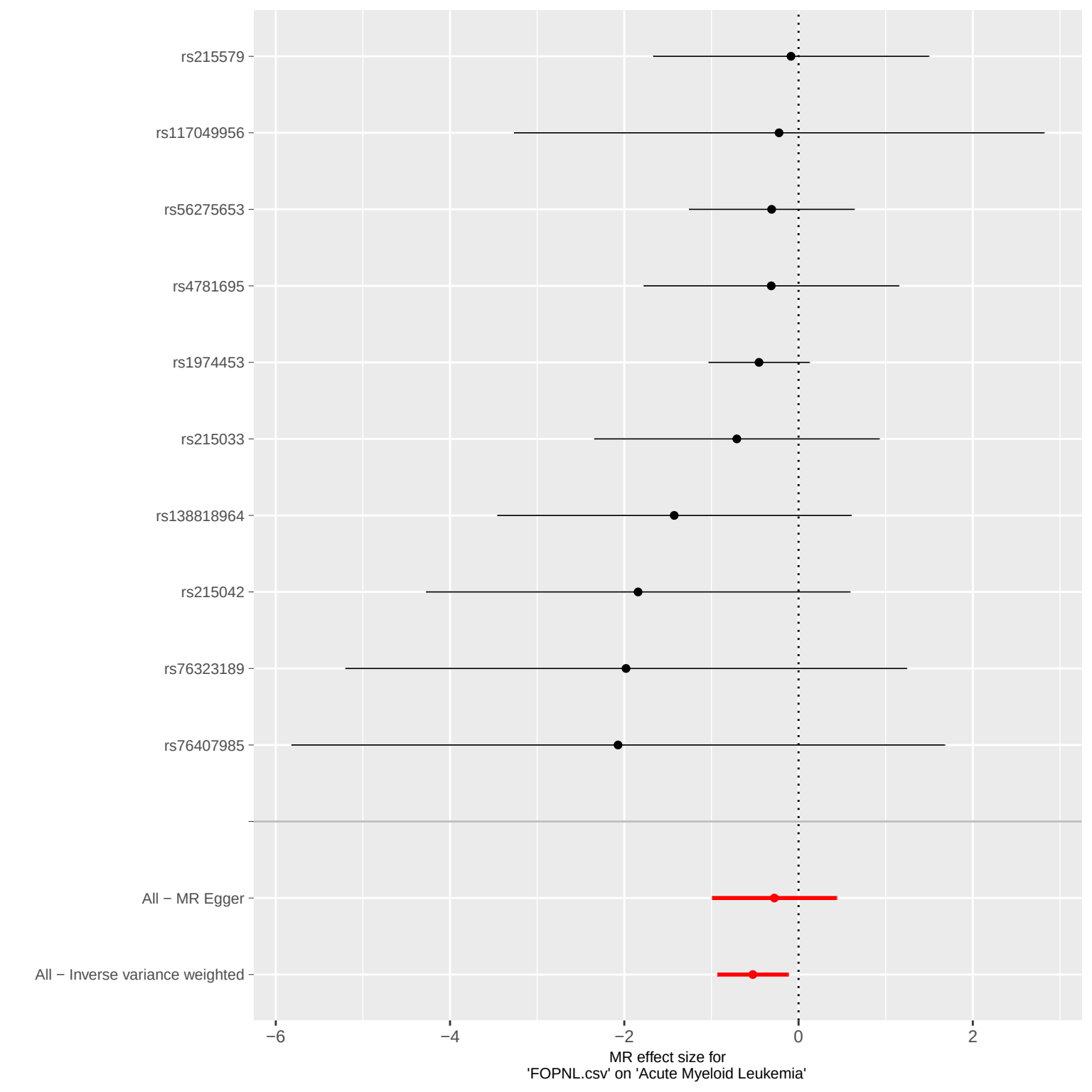
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FOCAD.csv' on 'Acute Myeloid Leukemia'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rs215033
rs138818964
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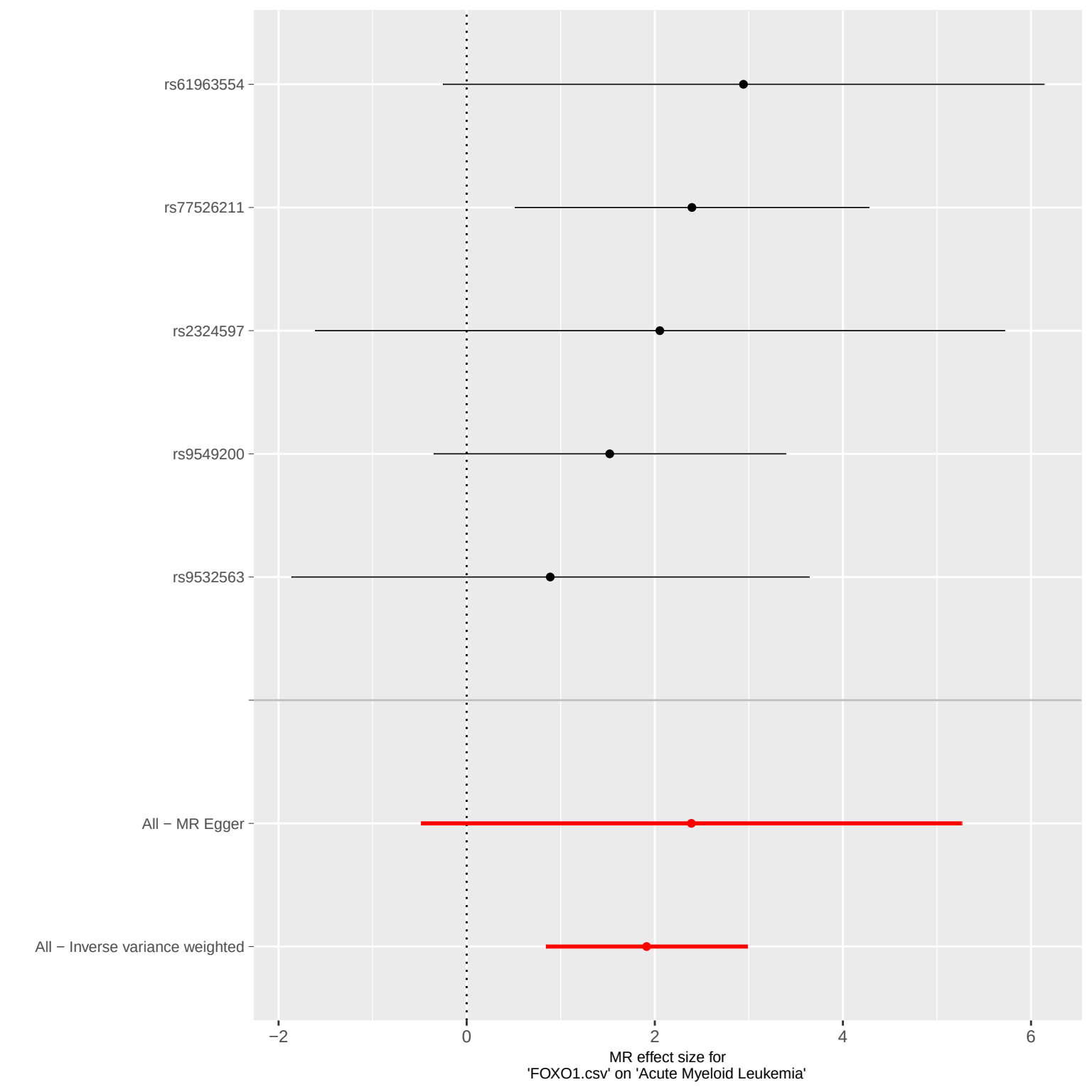
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'FOPNL.csv' on 'Acute Myeloid Leukemia'


rs61963554
rs77526211
rs2324597
rs9549200
rs9532563
All − MR Egger
All − Inverse variance weighted
−2
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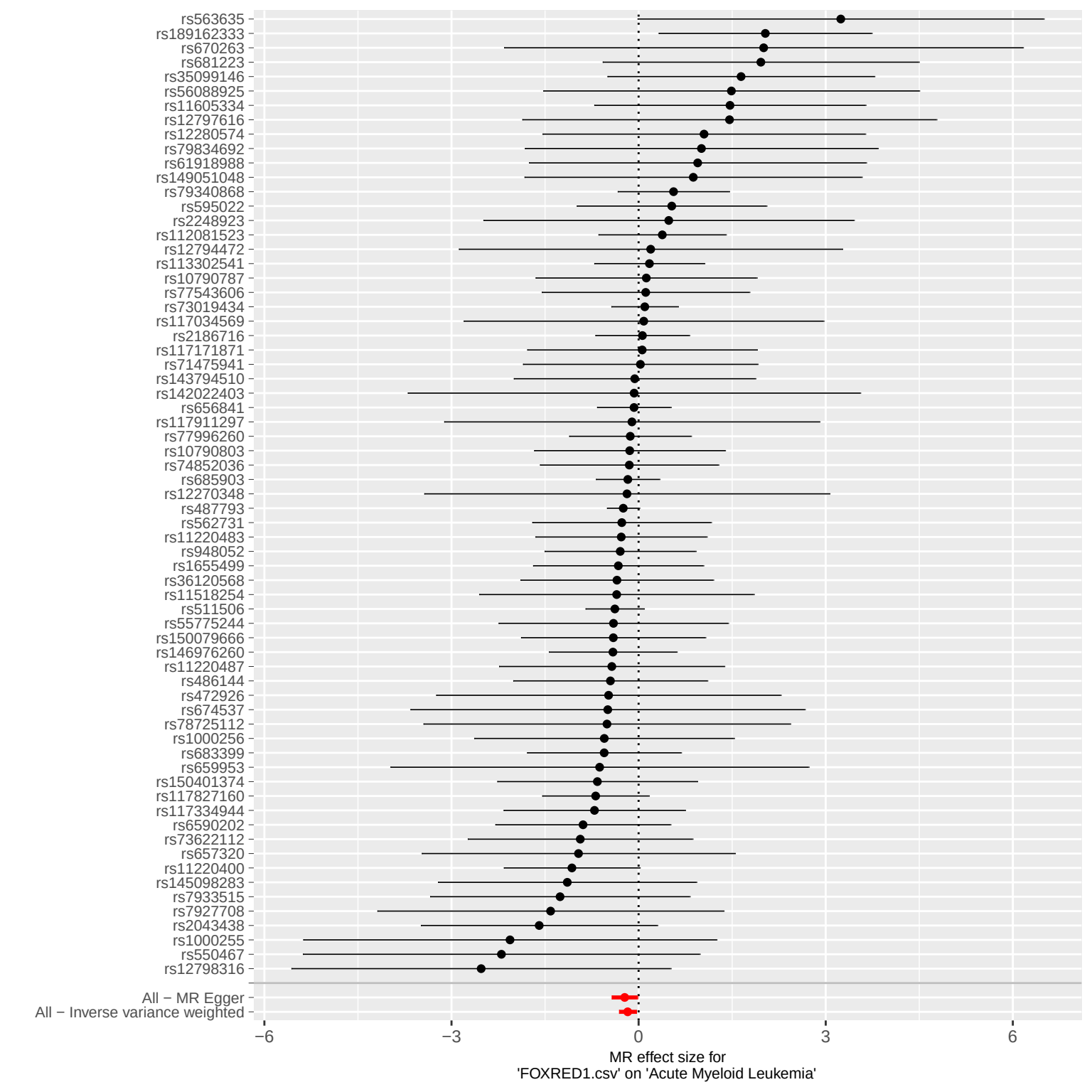
2
4
6
MR effect size for
'FOXO1.csv' on 'Acute Myeloid Leukemia'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rs61918988
rs149051048
rs79340868
rs595022
rs2248923
rs112081523
rs12794472
rs113302541
rs10790787
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rs117034569
rs2186716
rs117171871
rs71475941
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rs142022403
rs656841
rs117911297
rs77996260
rs10790803
rs74852036
rs685903
rs12270348
rs487793
rs562731
rs11220483
rs948052
rs1655499
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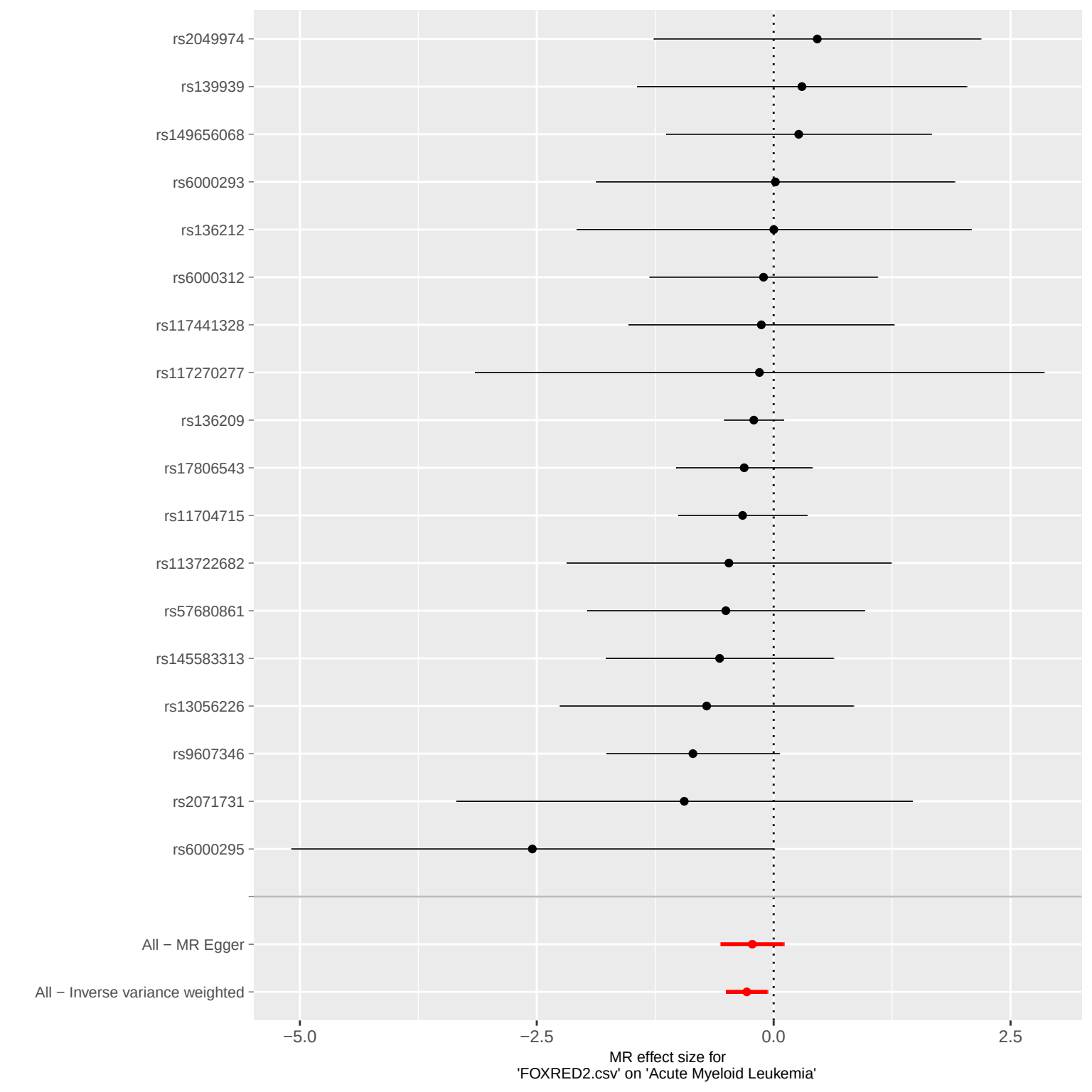
rs11518254
rs511506
rs55775244
rs150079666
rs146976260
rs11220487
rs486144
rs472926
rs674537
rs78725112
rs1000256
rs683399
rs659953
rs150401374
rs117827160
rs117334944
rs6590202
rs73622112
rs657320
rs11220400
rs145098283
rs7933515
rs7927708
rs2043438
rs1000255
rs550467
rs12798316
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'FOXRED1.csv' on 'Acute Myeloid Leukemia'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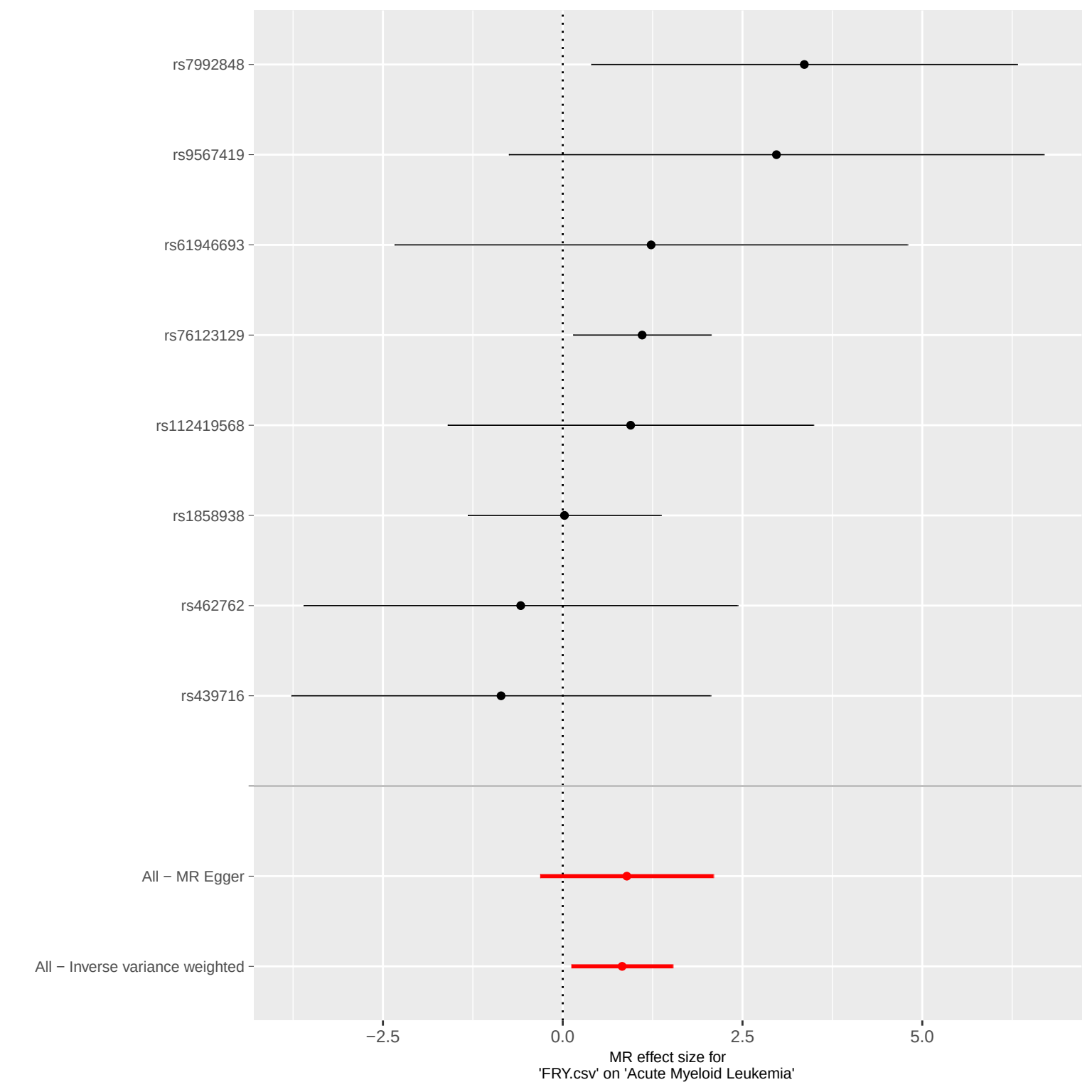
rs136209
rs17806543
rs11704715
rs113722682
rs57680861
rs145583313
rs13056226
rs9607346
rs2071731
rs6000295
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'FOXRED2.csv' on 'Acute Myeloid Leukemia'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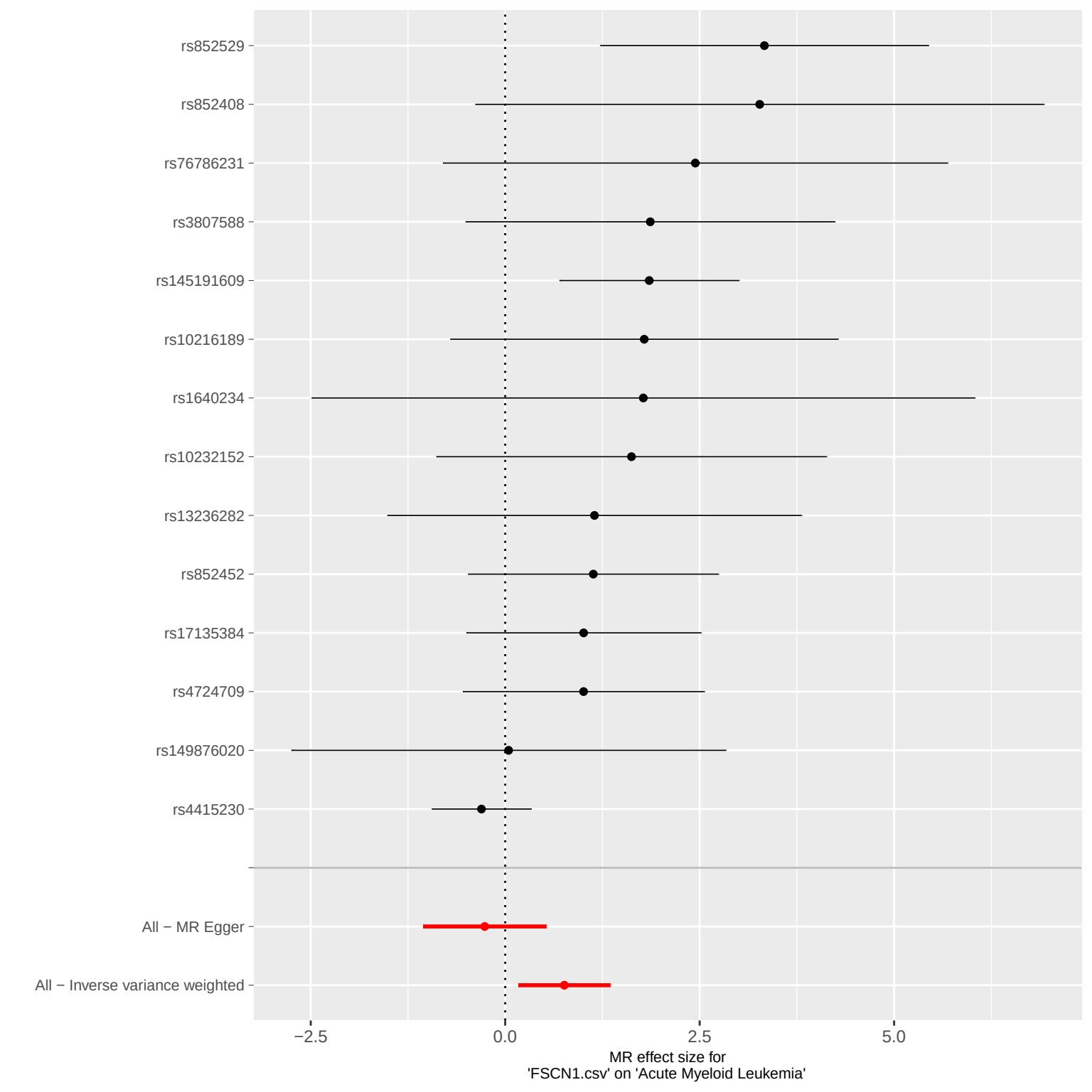
rs9567419
rs61946693
rs76123129
rs112419568
rs1858938
rs462762
rs439716
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'FRY.csv' on 'Acute Myeloid Leukemia'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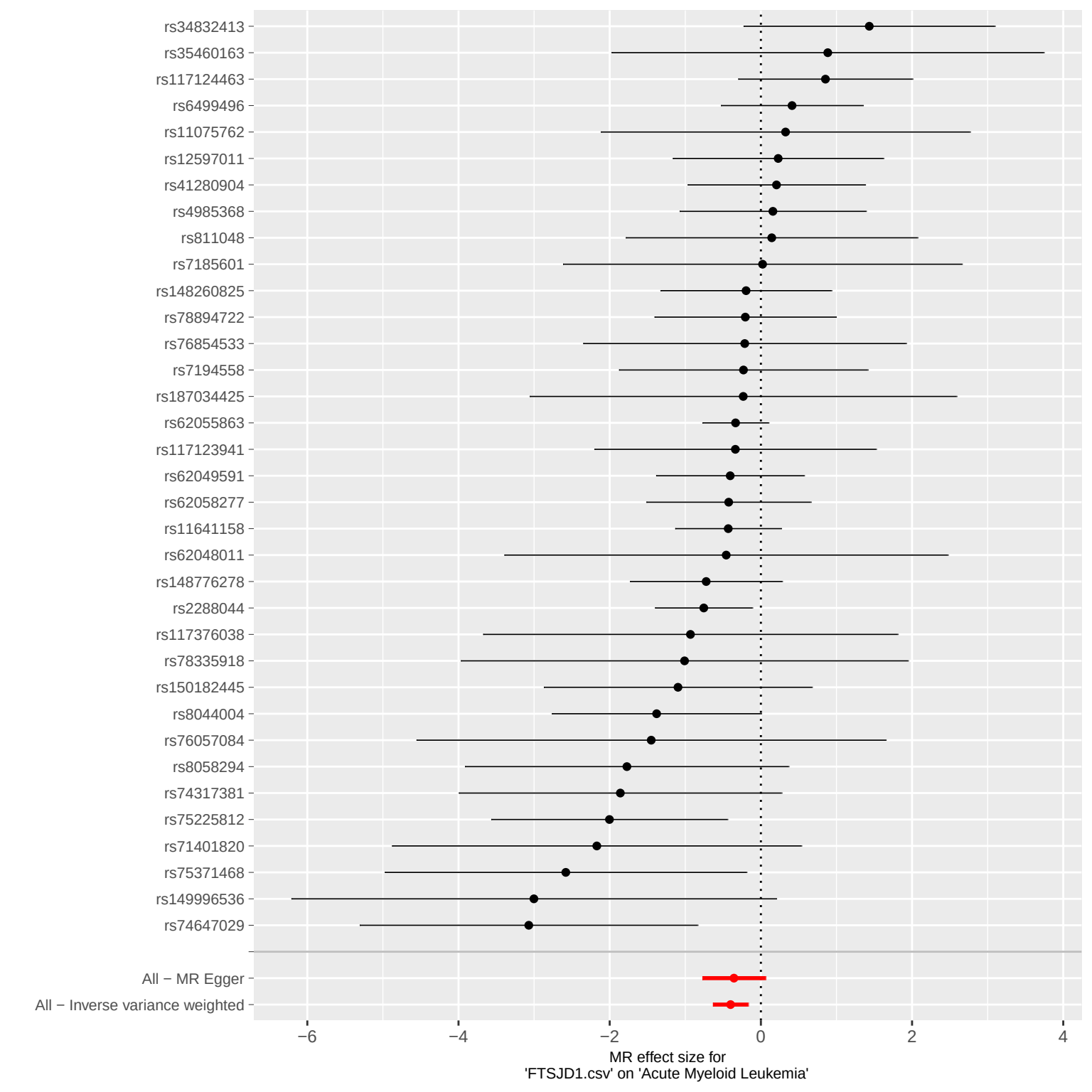
rs145191609
rs10216189
rs1640234
rs10232152
rs13236282
rs852452
rs17135384
rs4724709
rs149876020
rs4415230
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'FSCN1.csv' on 'Acute Myeloid Leukemia'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rs76854533
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rs62055863
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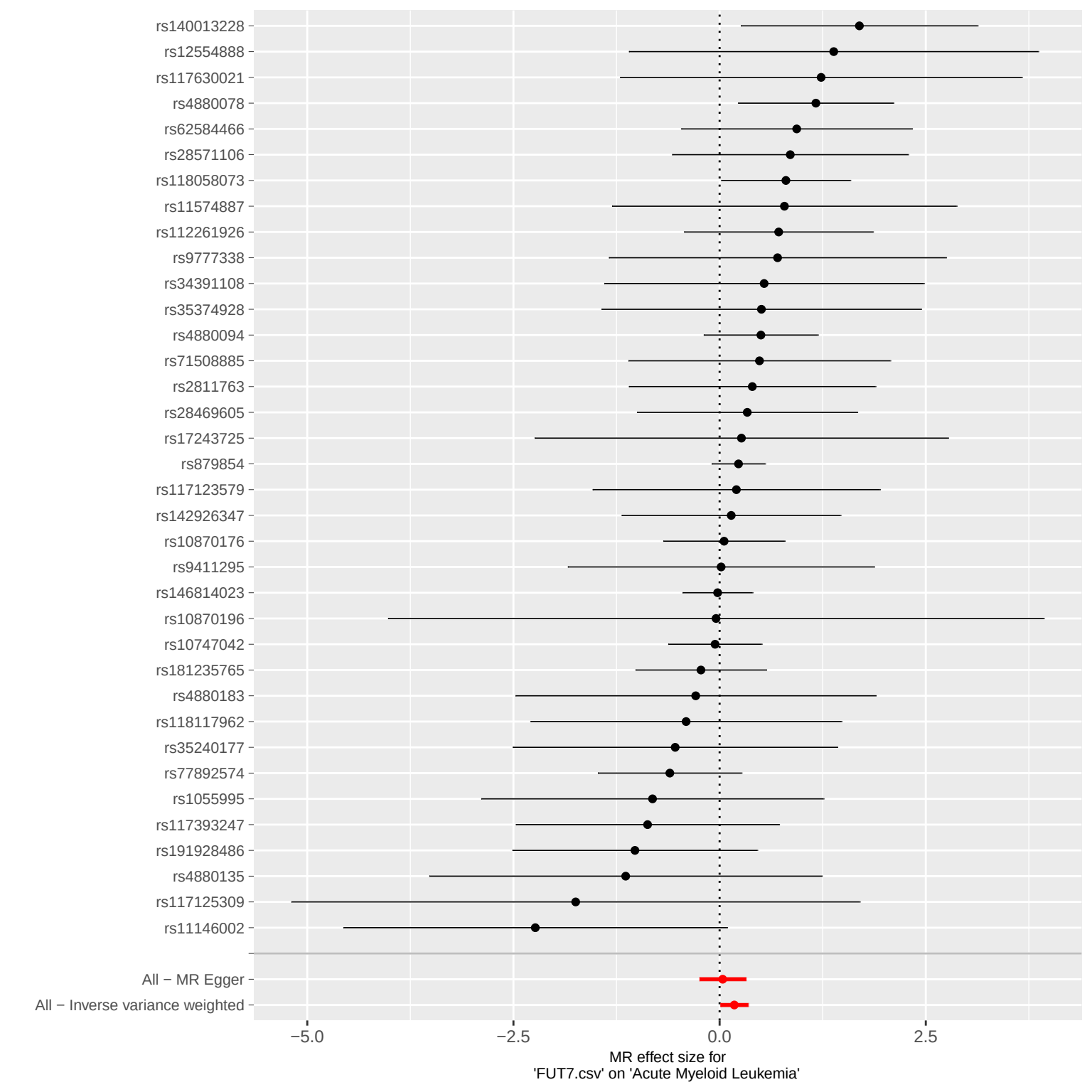
rs11641158
rs62048011
rs148776278
rs2288044
rs117376038
rs78335918
rs150182445
rs8044004
rs76057084
rs8058294
rs74317381
rs75225812
rs71401820
rs75371468
rs149996536
rs74647029
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'FTSJD1.csv' on 'Acute Myeloid Leukemia'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rs28571106
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rs34391108
rs35374928
rs4880094
rs71508885
rs2811763
rs28469605
rs17243725
rs879854
rs117123579
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rs9411295
rs146814023
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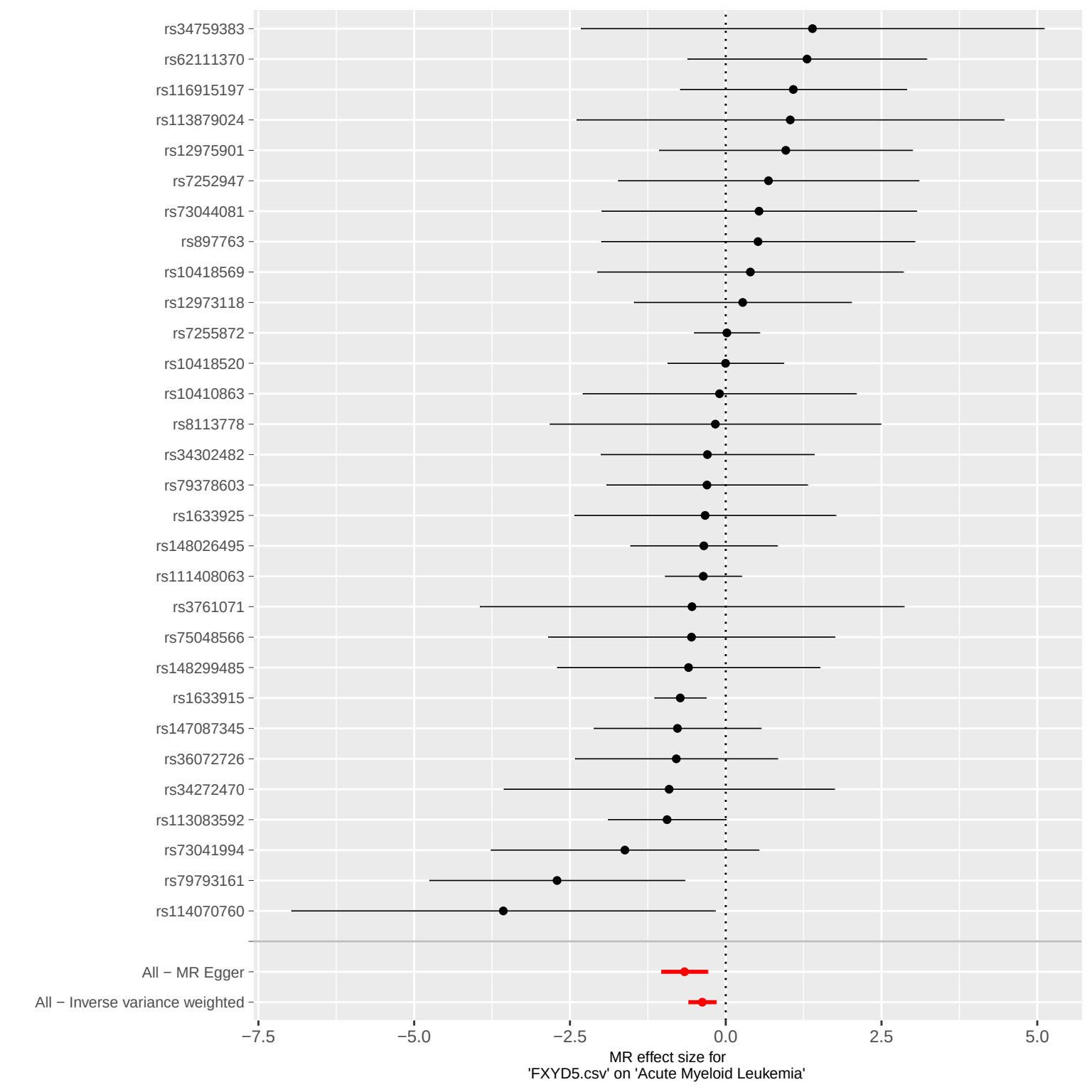
rs10747042
rs181235765
rs4880183
rs118117962
rs35240177
rs77892574
rs1055995
rs117393247
rs191928486
rs4880135
rs117125309
rs11146002
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'FUT7.csv' on 'Acute Myeloid Leukemia'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rs116915197
rs113879024
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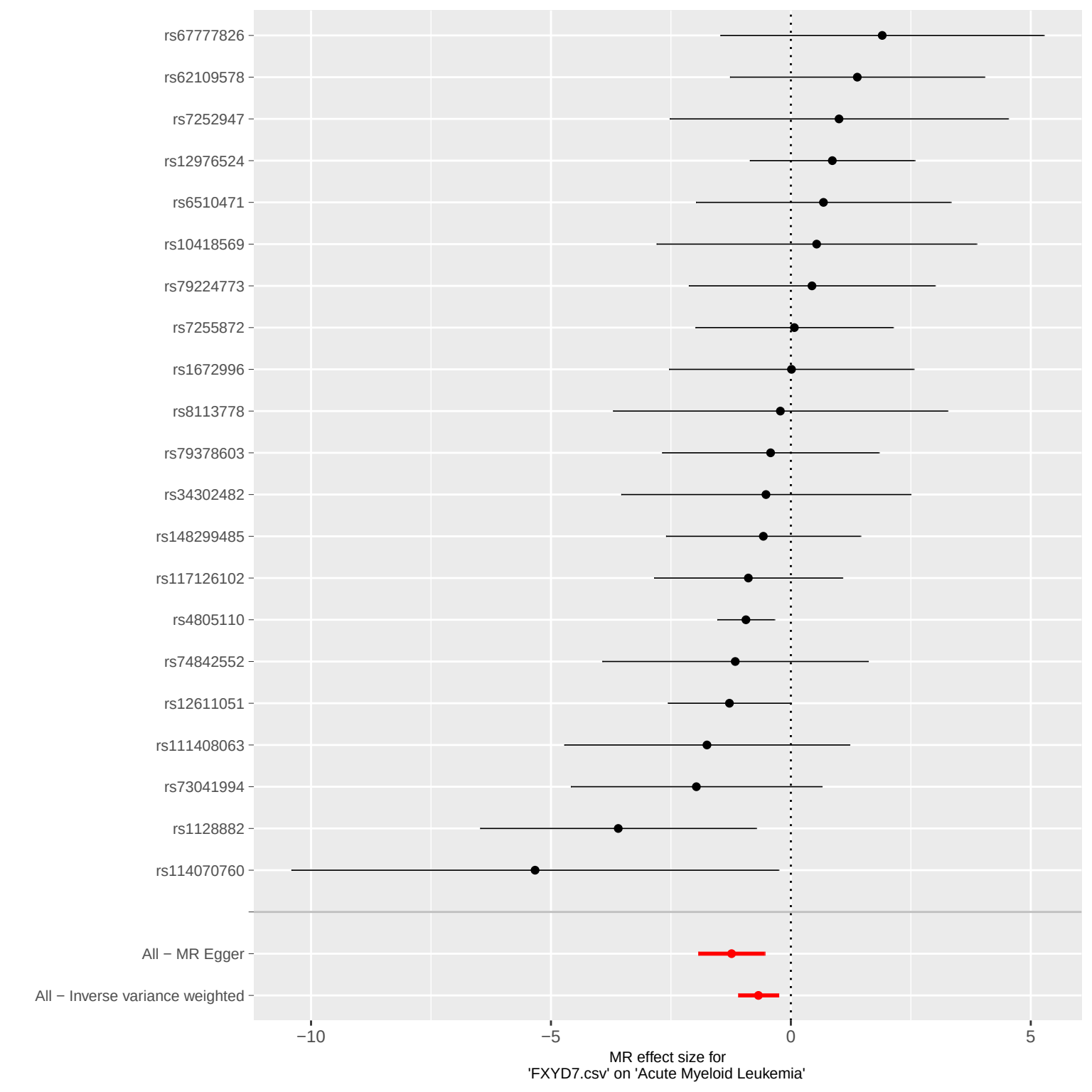
rs7255872
rs10418520
rs10410863
rs8113778
rs34302482
rs79378603
rs1633925
rs148026495
rs111408063
rs3761071
rs75048566
rs148299485
rs1633915
rs147087345
rs36072726
rs34272470
rs113083592
rs73041994
rs79793161
rs114070760
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'FXYD5.csv' on 'Acute Myeloid Leukemia'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rs12976524
rs6510471
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rs8113778
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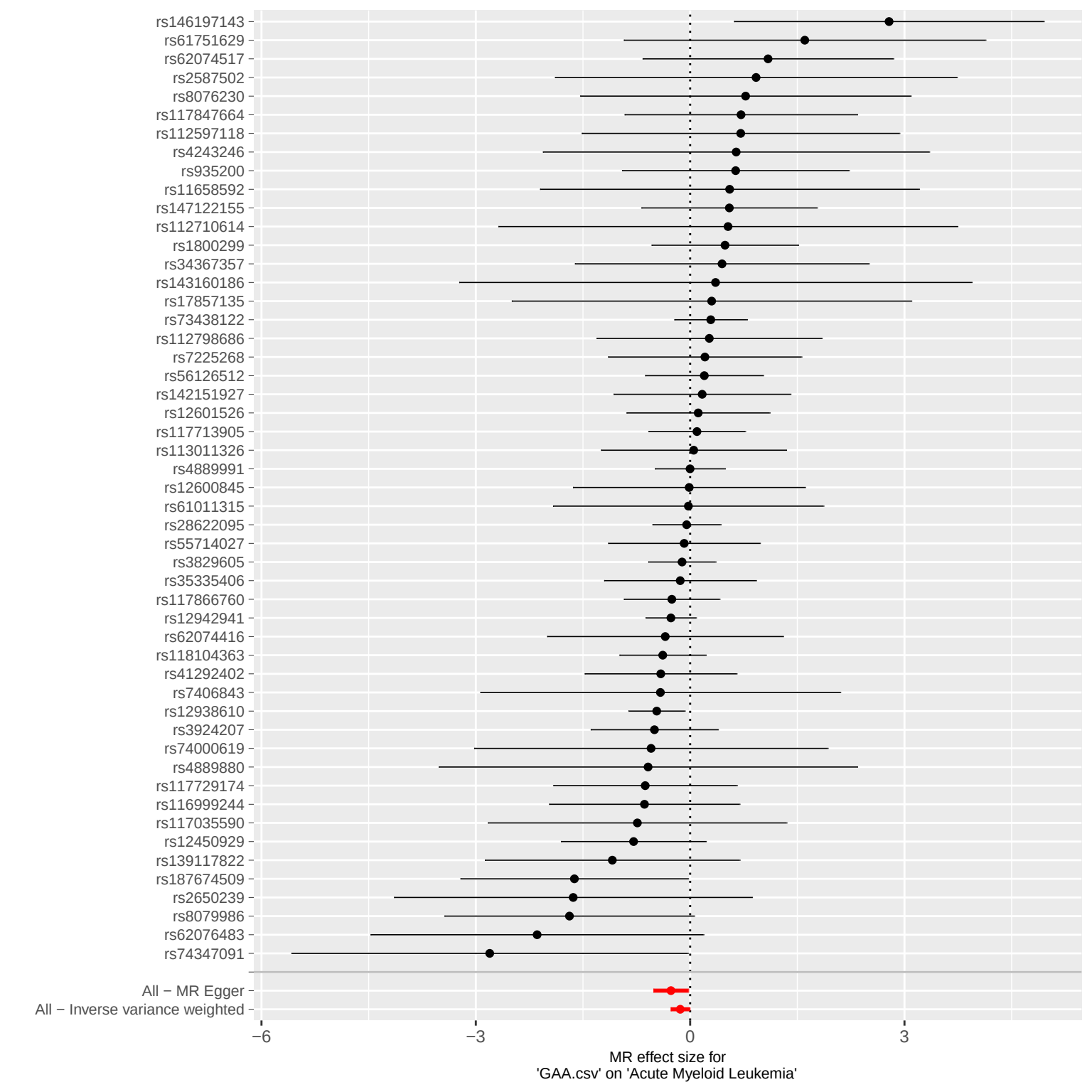
rs34302482
rs148299485
rs117126102
rs4805110
rs74842552
rs12611051
rs111408063
rs73041994
rs1128882
rs114070760
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'FXYD7.csv' on 'Acute Myeloid Leukemia'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rs112710614
rs1800299
rs34367357
rs143160186
rs17857135
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rs112798686
rs7225268
rs56126512
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rs12601526
rs117713905
rs113011326
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rs28622095
rs55714027
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rs4889880
rs117729174
rs116999244
rs117035590
rs12450929
rs139117822
rs187674509
rs2650239
rs8079986
rs62076483
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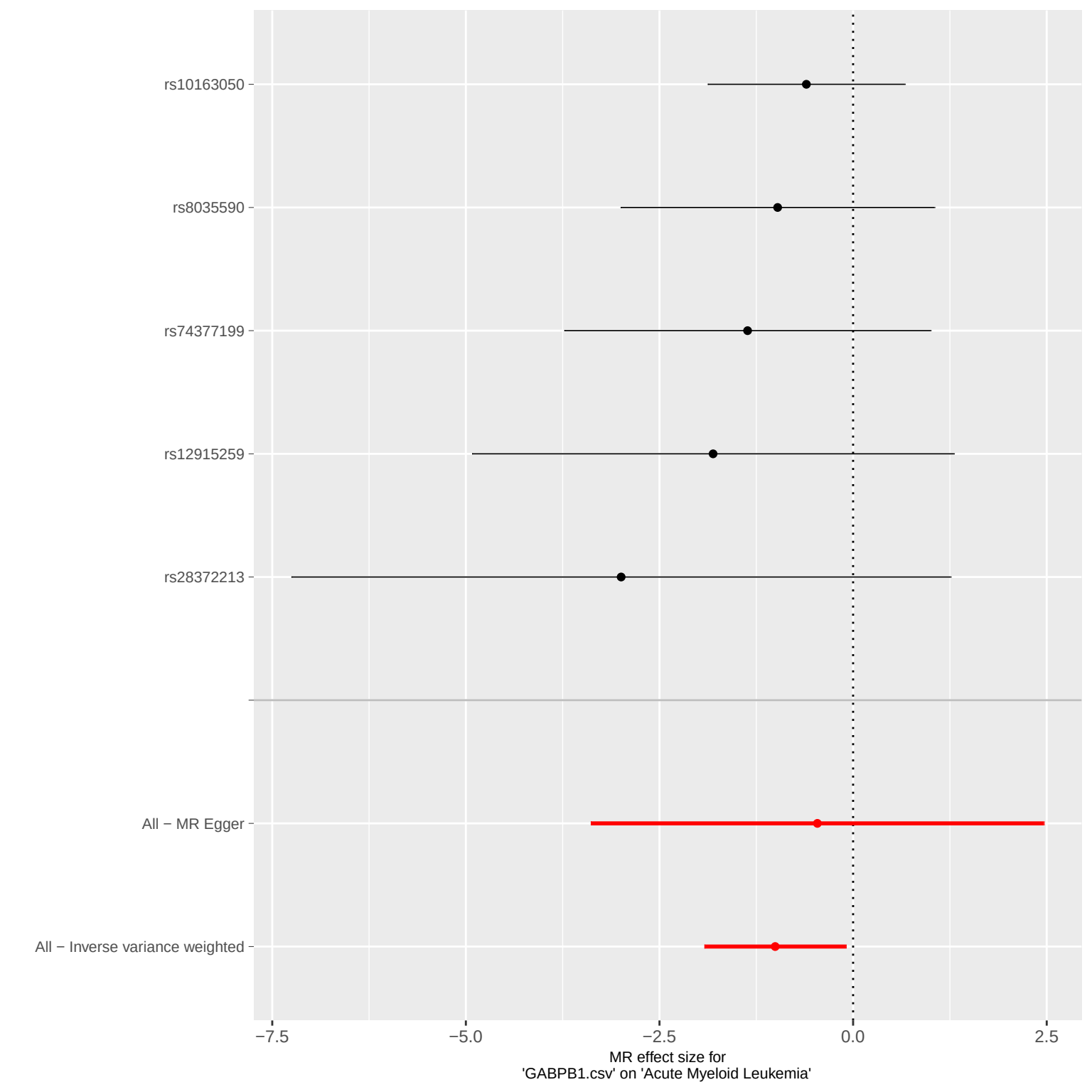
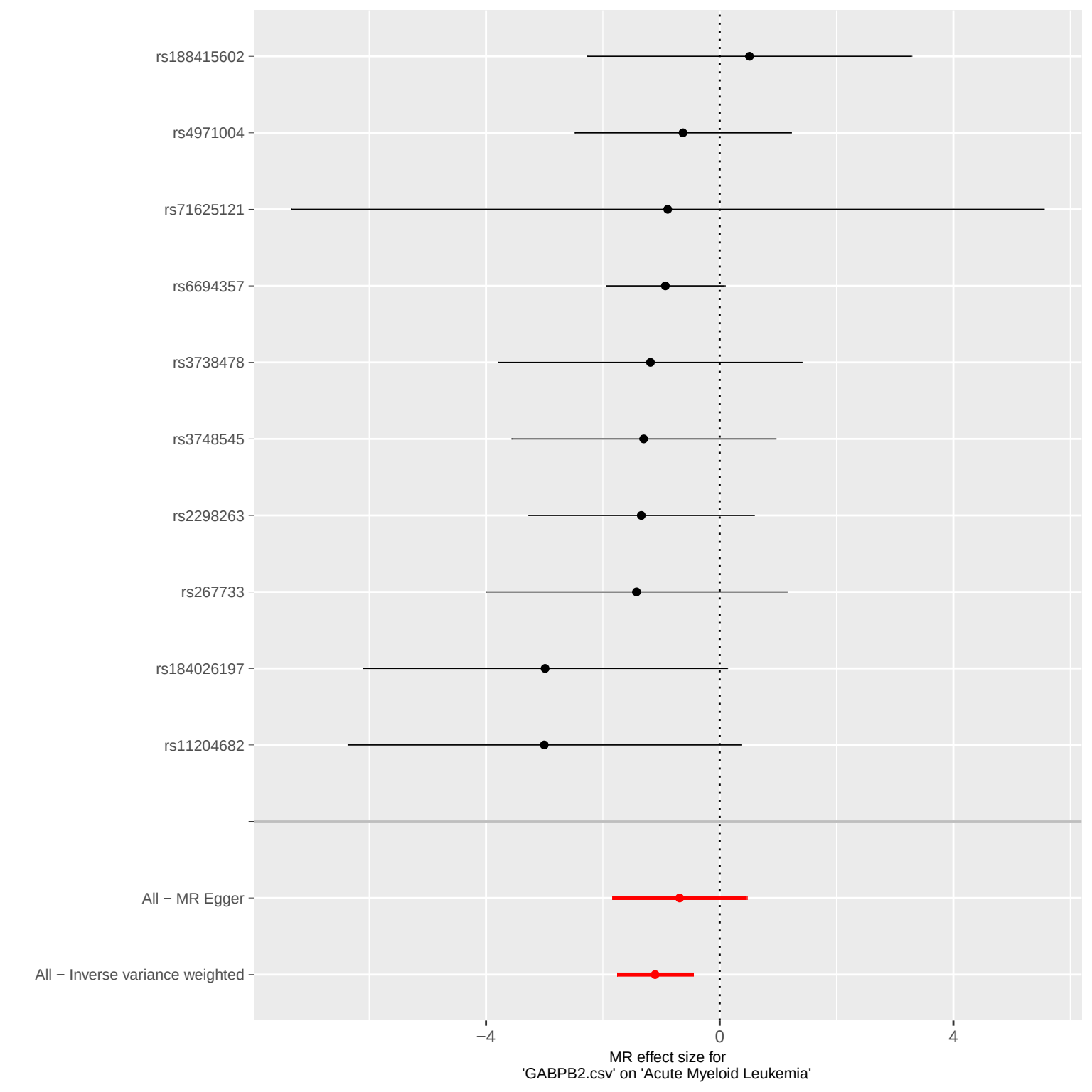
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'GAA.csv' on 'Acute Myeloid Leukemia'


rs10163050
rs8035590
rs74377199
rs12915259
rs28372213
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'GABPB1.csv' on 'Acute Myeloid Leukemia'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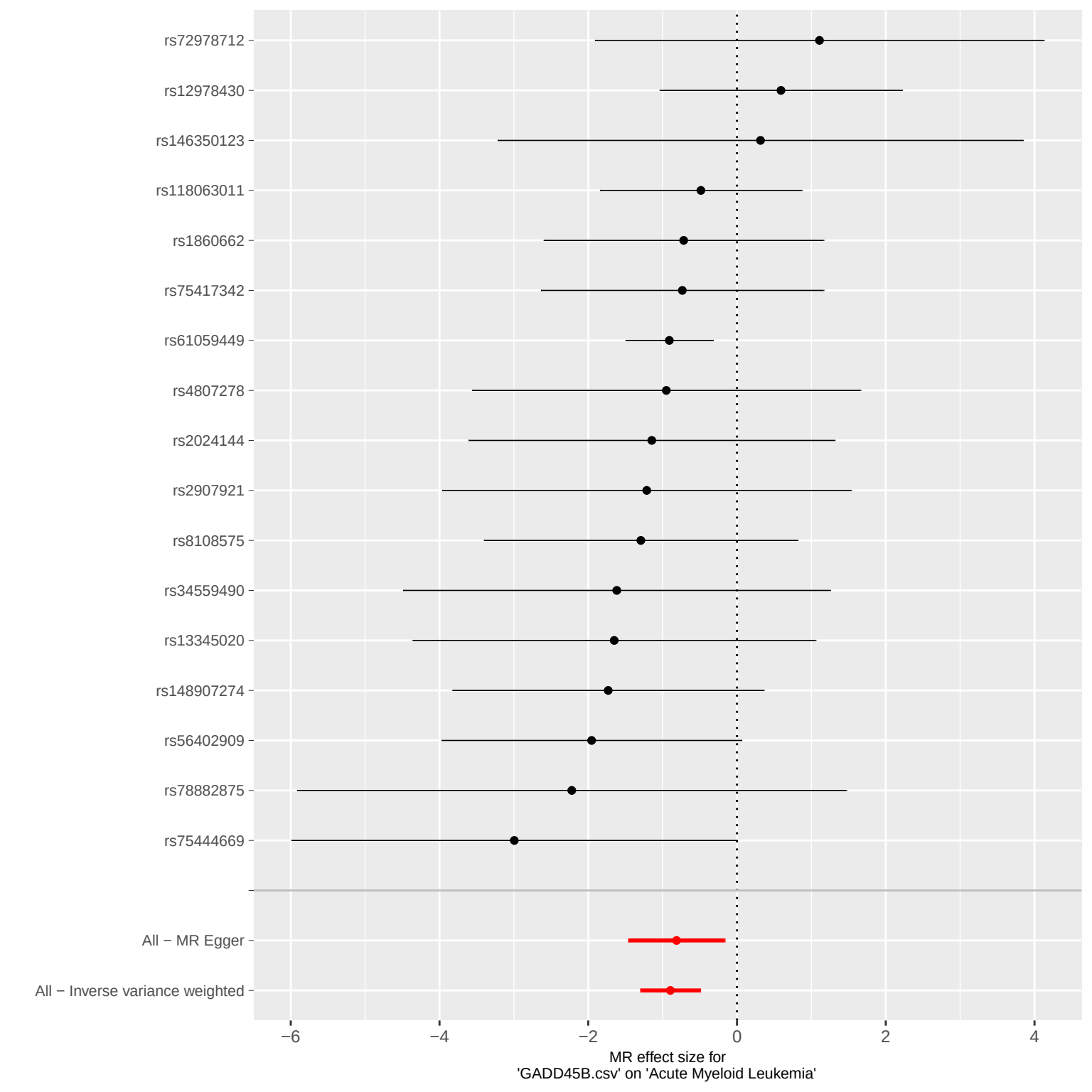
rs4971004
rs71625121
rs6694357
rs3738478
rs3748545
rs2298263
rs267733
rs184026197
rs11204682
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'GABPB2.csv' on 'Acute Myeloid Leukemia'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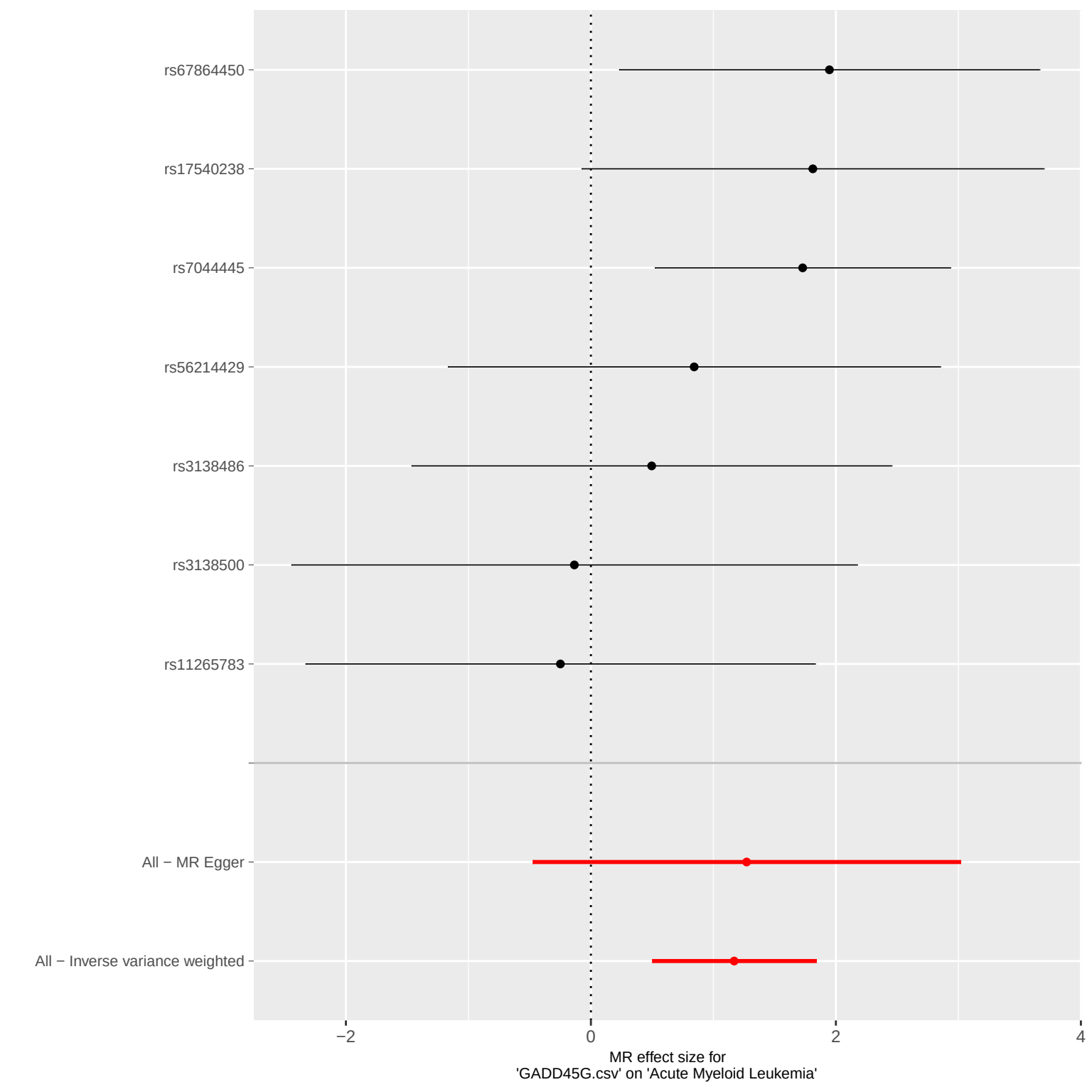
rs4807278
rs2024144
rs2907921
rs8108575
rs34559490
rs13345020
rs148907274
rs56402909
rs78882875
rs75444669
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'GADD45B.csv' on 'Acute Myeloid Leukemia'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rs3138486
rs3138500
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All − MR Egger
All − Inverse variance weighted
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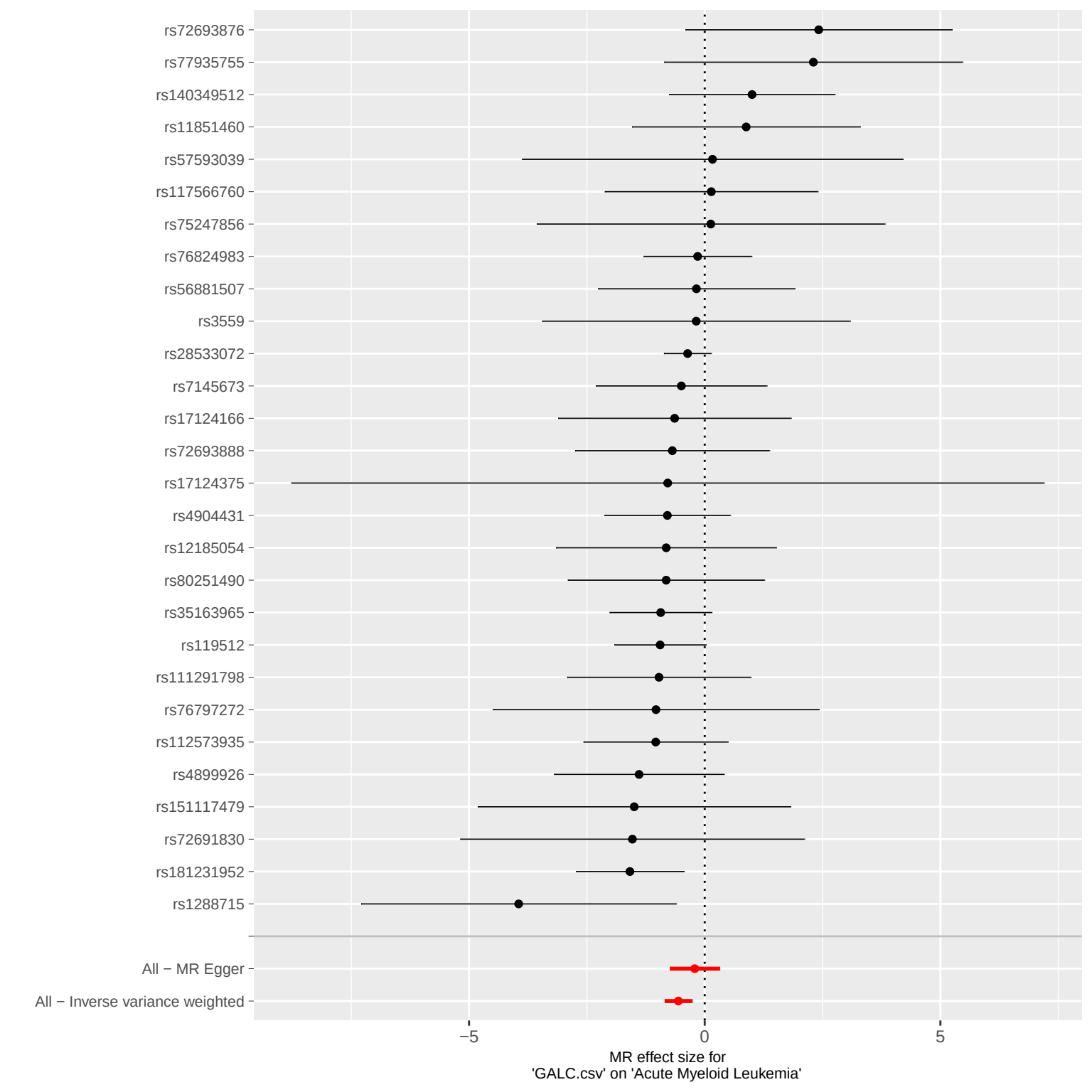
2
4
MR effect size for
'GADD45G.csv' on 'Acute Myeloid Leukemia'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rs35163965
rs119512
rs111291798
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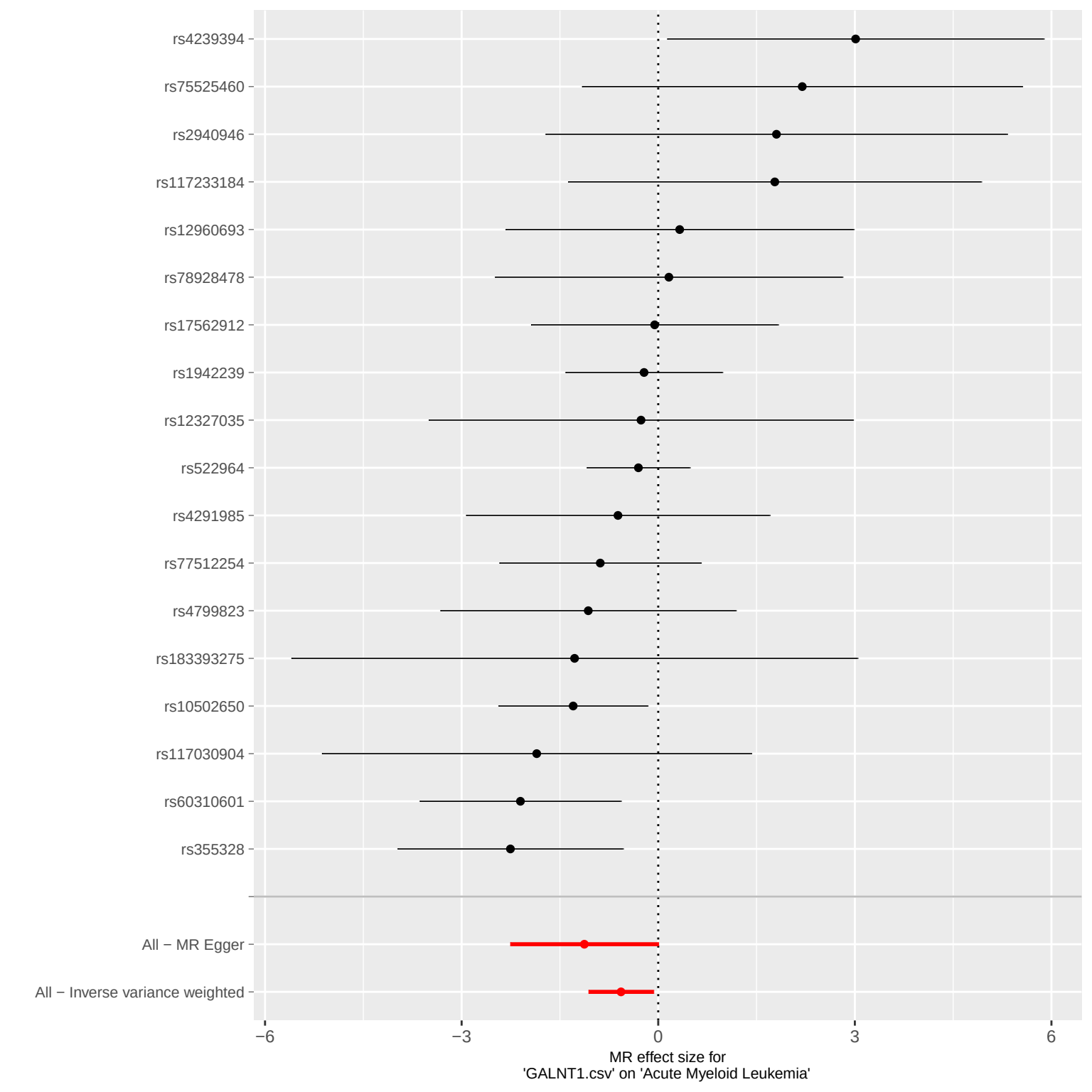
rs112573935
rs4899926
rs151117479
rs72691830
rs181231952
rs1288715
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'GALC.csv' on 'Acute Myeloid Leukemia'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rs17562912
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rs12327035
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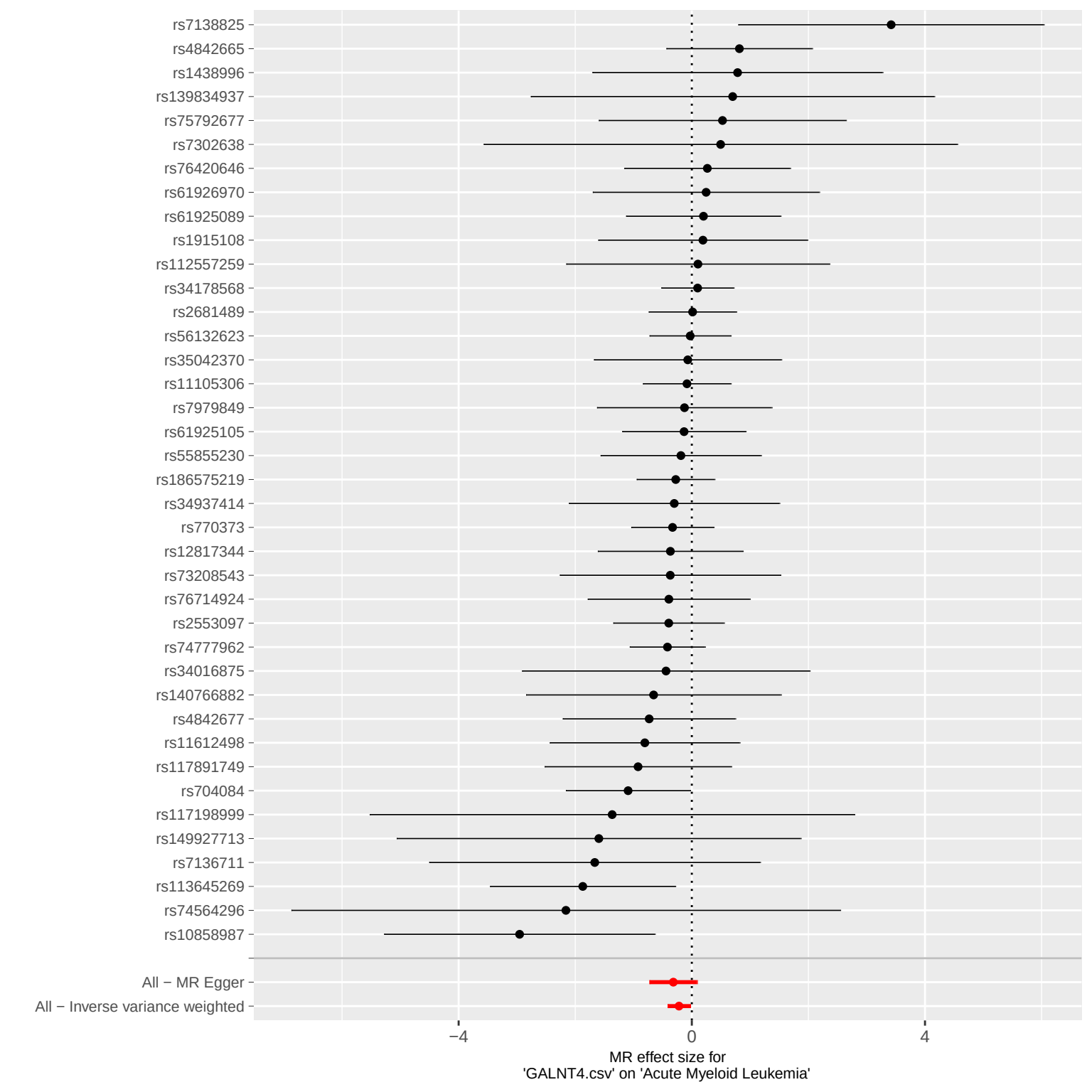
rs4291985
rs77512254
rs4799823
rs183393275
rs10502650
rs117030904
rs60310601
rs355328
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'GALNT1.csv' on 'Acute Myeloid Leukemia'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rs35042370
rs11105306
rs7979849
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rs73208543
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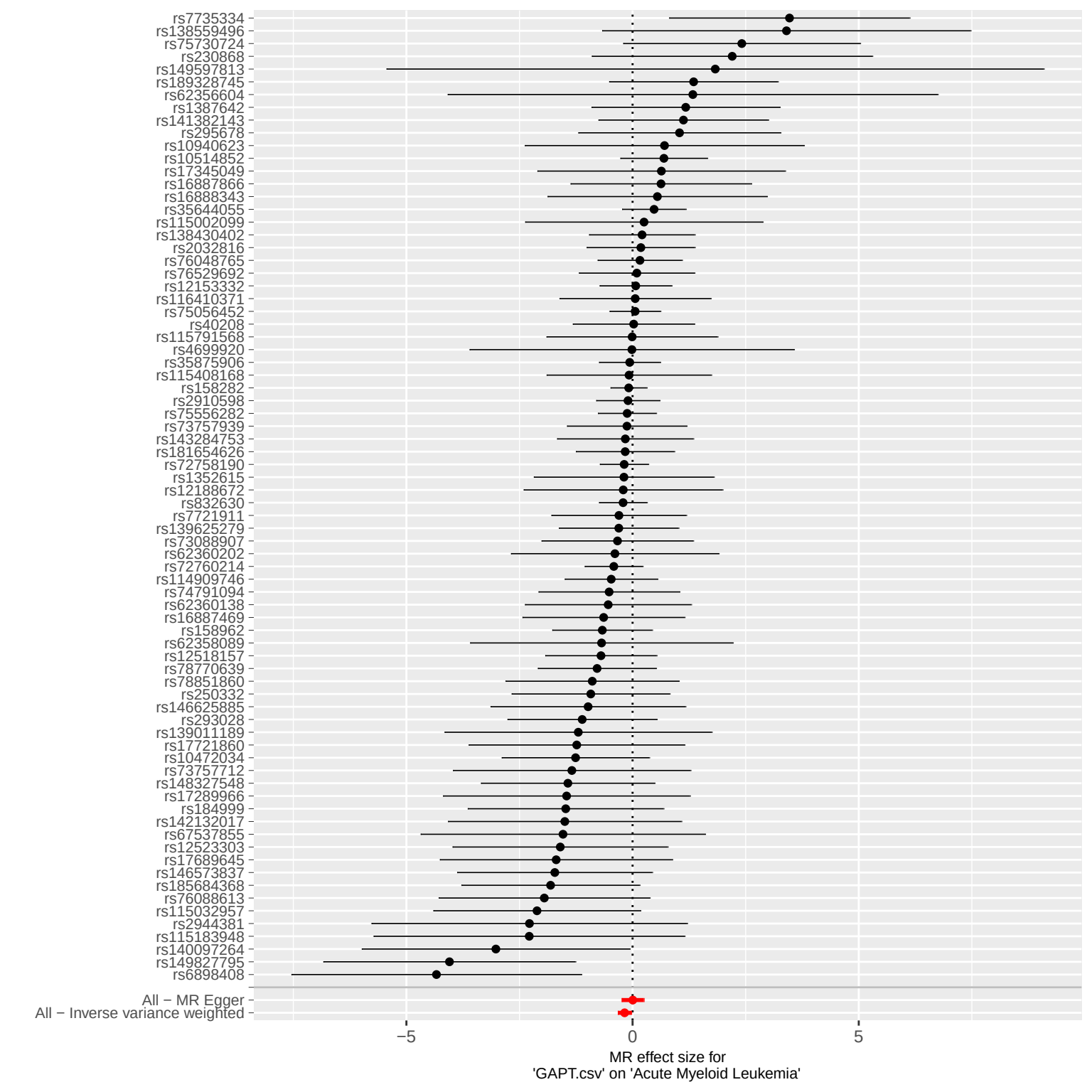
rs2553097
rs74777962
rs34016875
rs140766882
rs4842677
rs11612498
rs117891749
rs704084
rs117198999
rs149927713
rs7136711
rs113645269
rs74564296
rs10858987
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'GALNT4.csv' on 'Acute Myeloid Leukemia'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rs35644055
rs115002099
rs138430402
rs2032816
rs76048765
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rs75056452
rs40208
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rs75556282
rs73757939
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rs10472034
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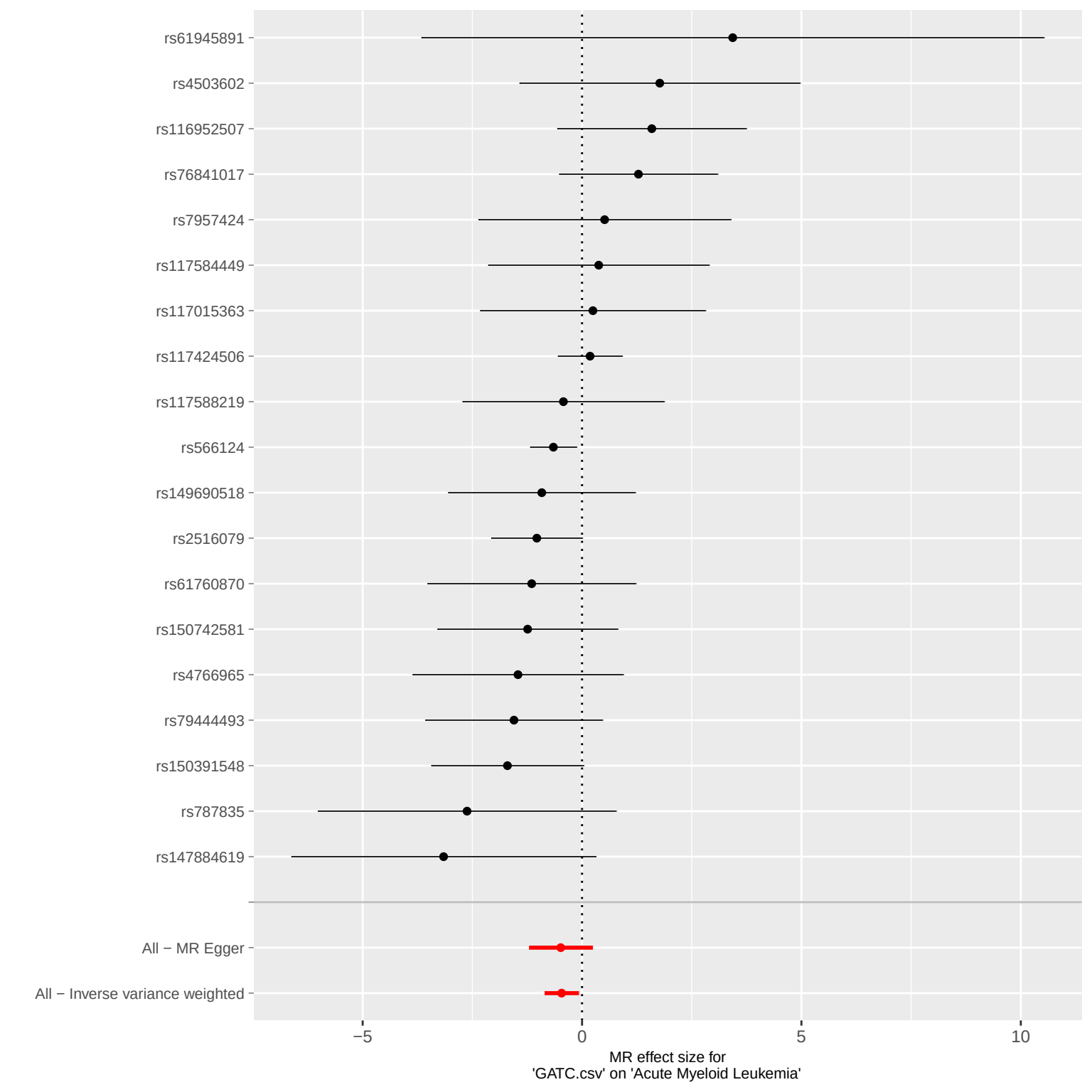
rs17289966
rs184999
rs142132017
rs67537855
rs12523303
rs17689645
rs146573837
rs185684368
rs76088613
rs115032957
rs2944381
rs115183948
rs140097264
rs149827795
rs6898408
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'GAPT.csv' on 'Acute Myeloid Leukemia'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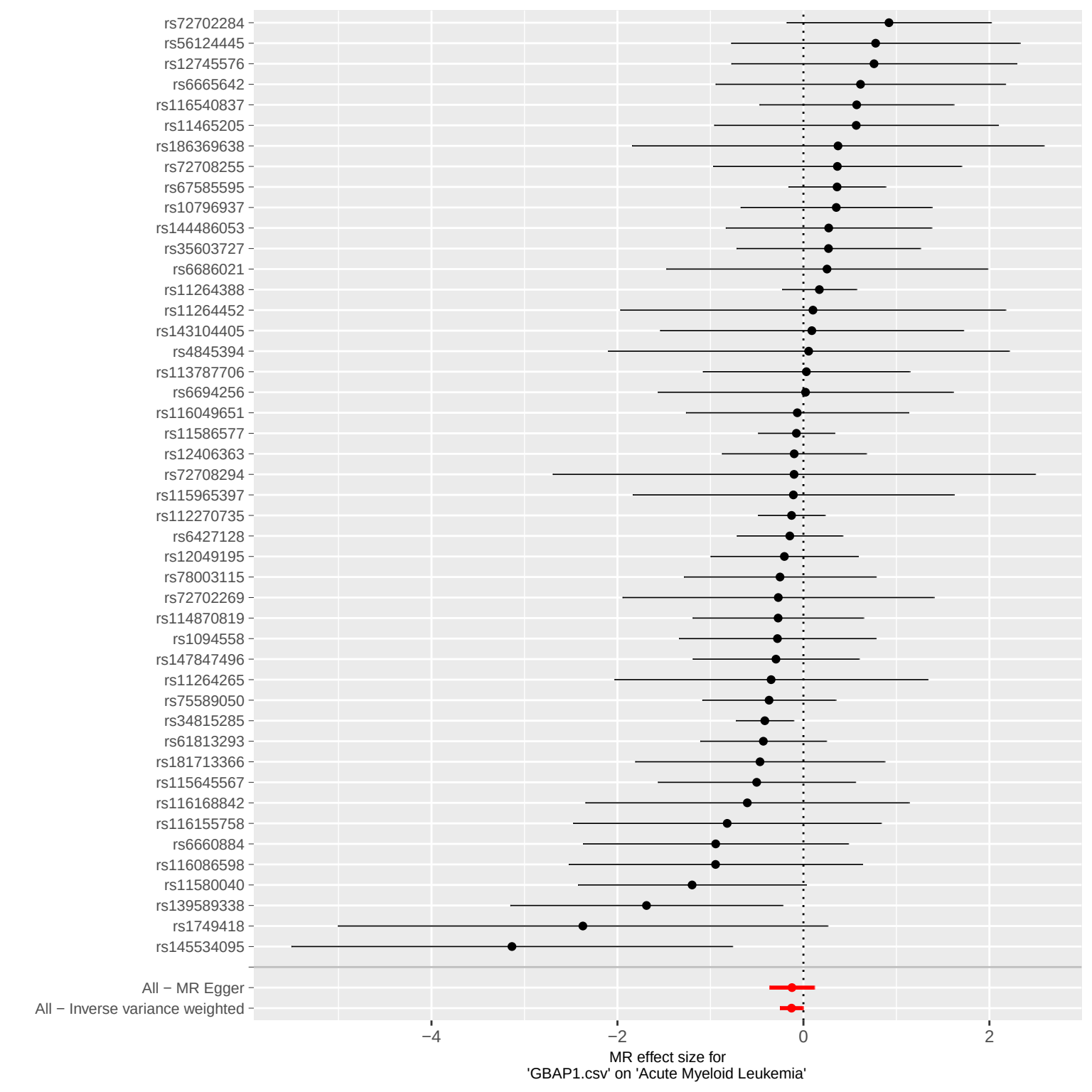
rs2516079
rs61760870
rs150742581
rs4766965
rs79444493
rs150391548
rs787835
rs147884619
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GATC.csv' on 'Acute Myeloid Leukemia'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rs11264388
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rs115645567
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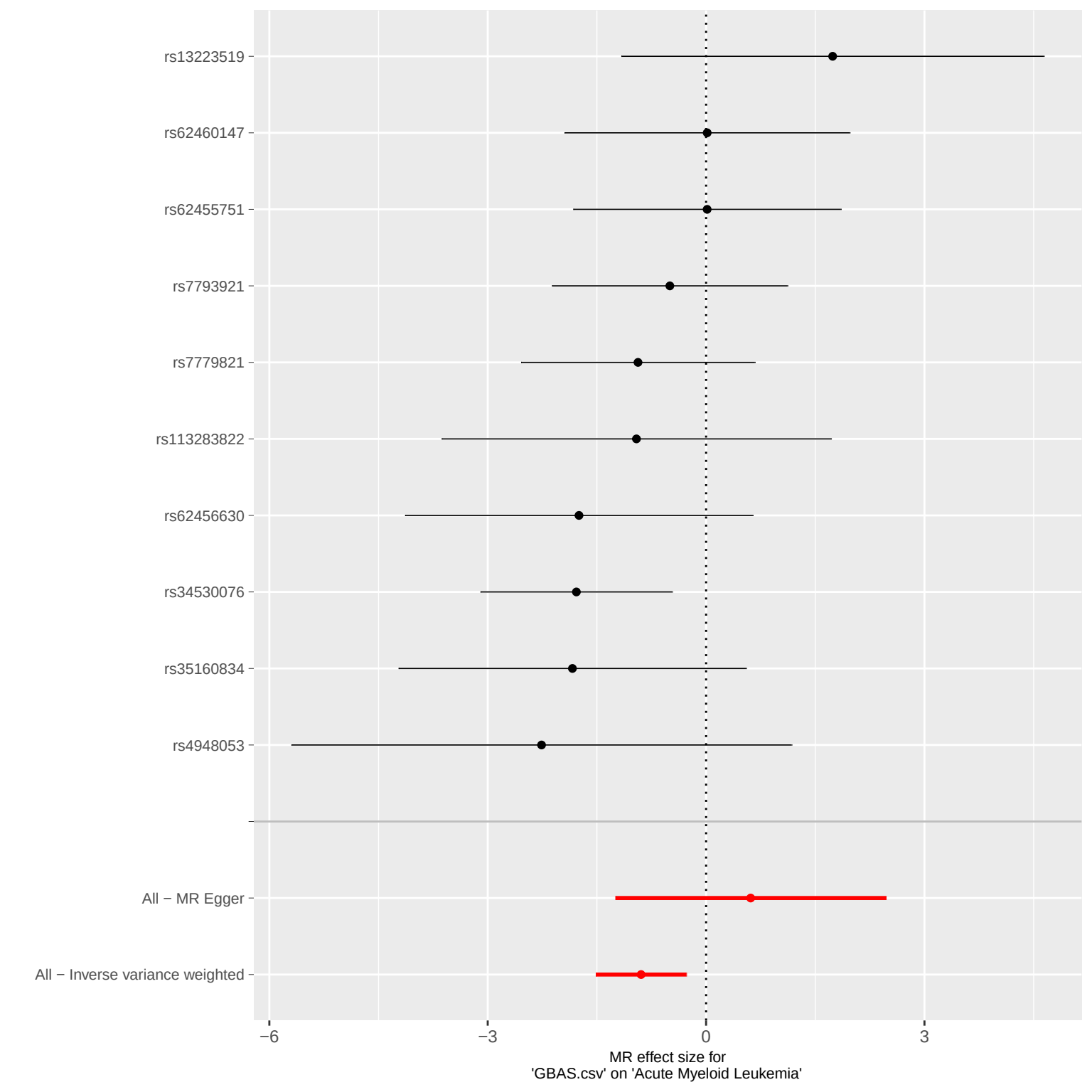
rs116155758
rs6660884
rs116086598
rs11580040
rs139589338
rs1749418
rs145534095
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GBAP1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−3
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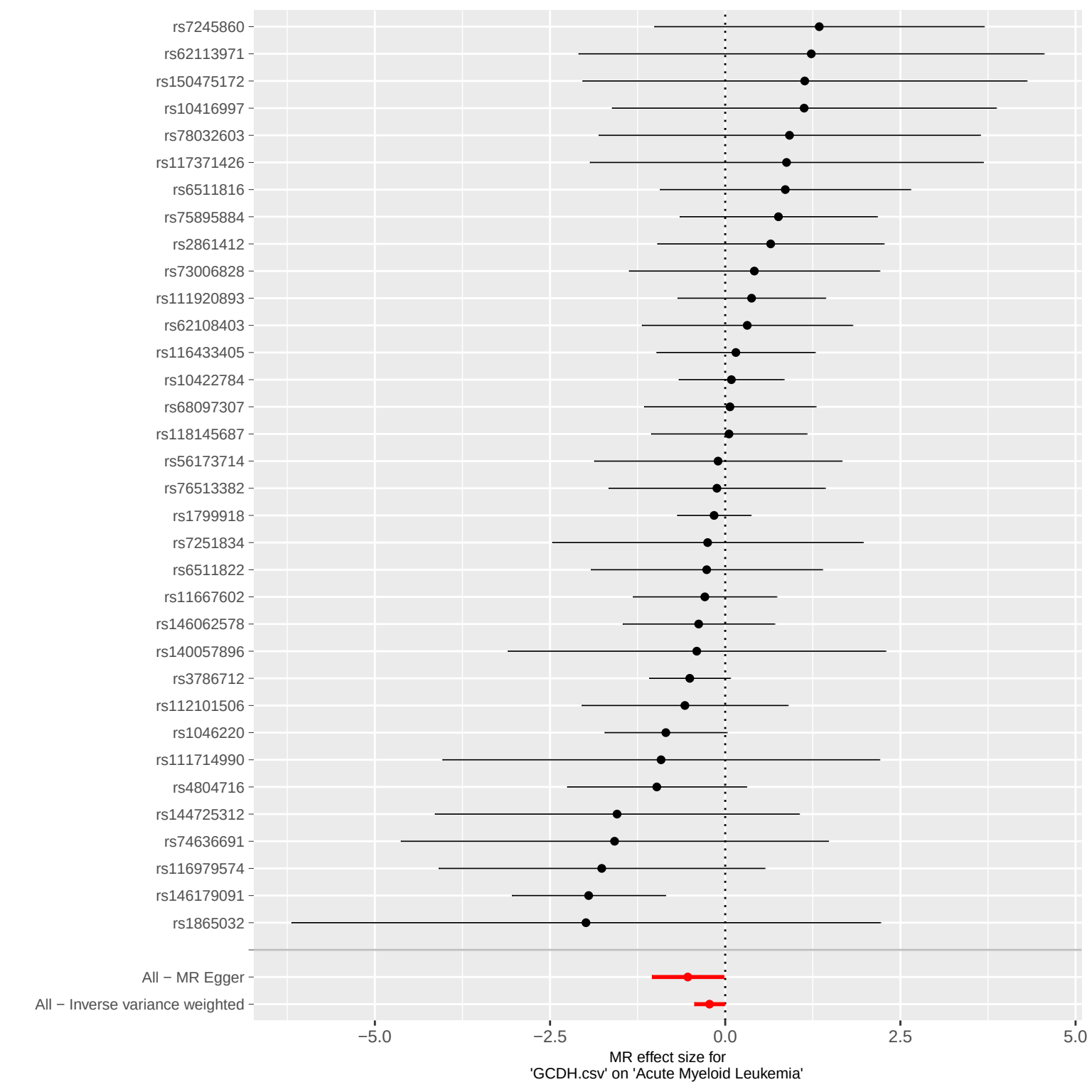
3
MR effect size for
'GBAS.csv' on 'Acute Myeloid Leukemia'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rs140057896
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rs112101506
rs1046220
rs111714990
rs4804716
rs144725312
rs74636691
rs116979574
rs146179091
rs1865032
All − MR Egger
All − Inverse variance weighted
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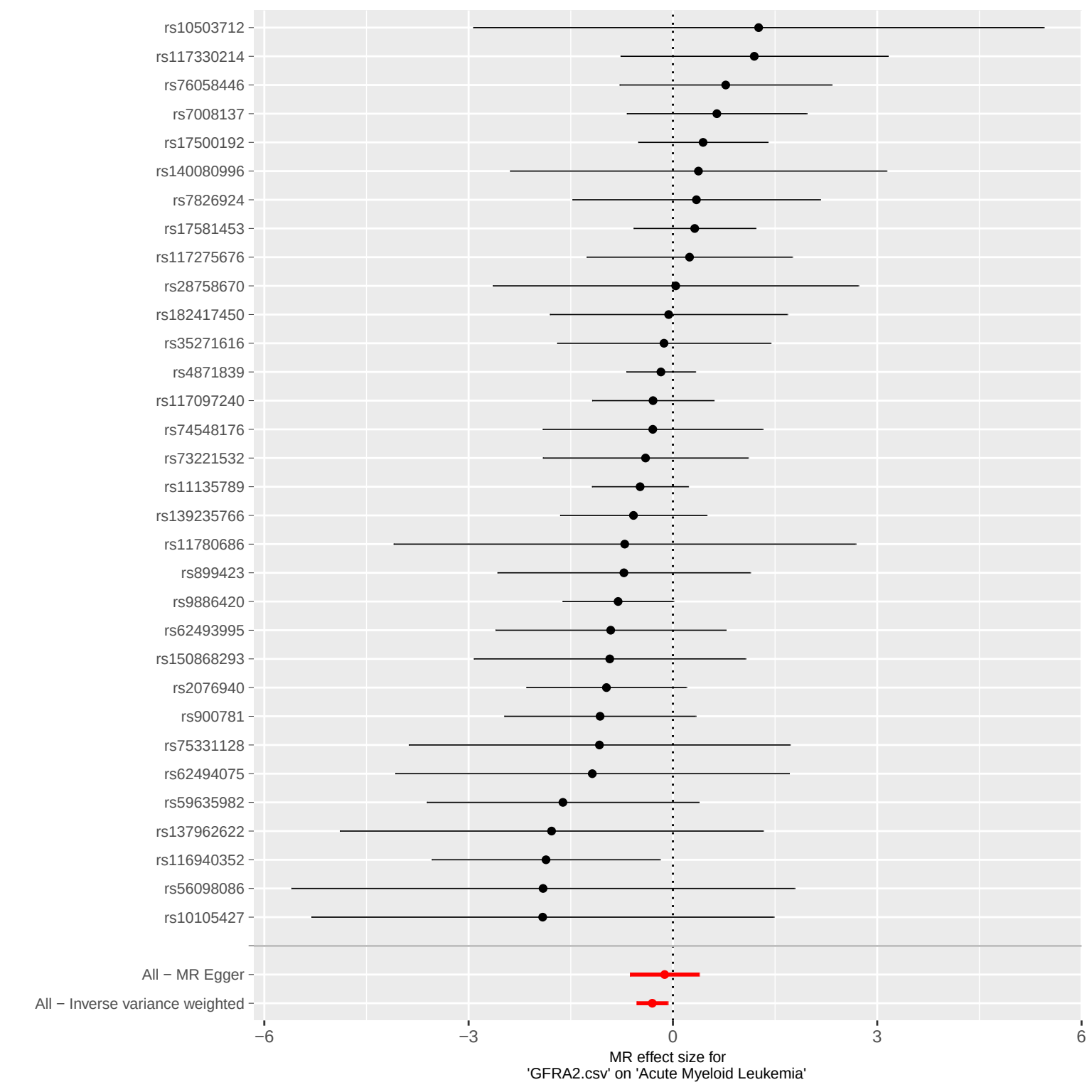
−2.5
0.0
2.5
5.0
MR effect size for
'GCDH.csv' on 'Acute Myeloid Leukemia'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rs150868293
rs2076940
rs900781
rs75331128
rs62494075
rs59635982
rs137962622
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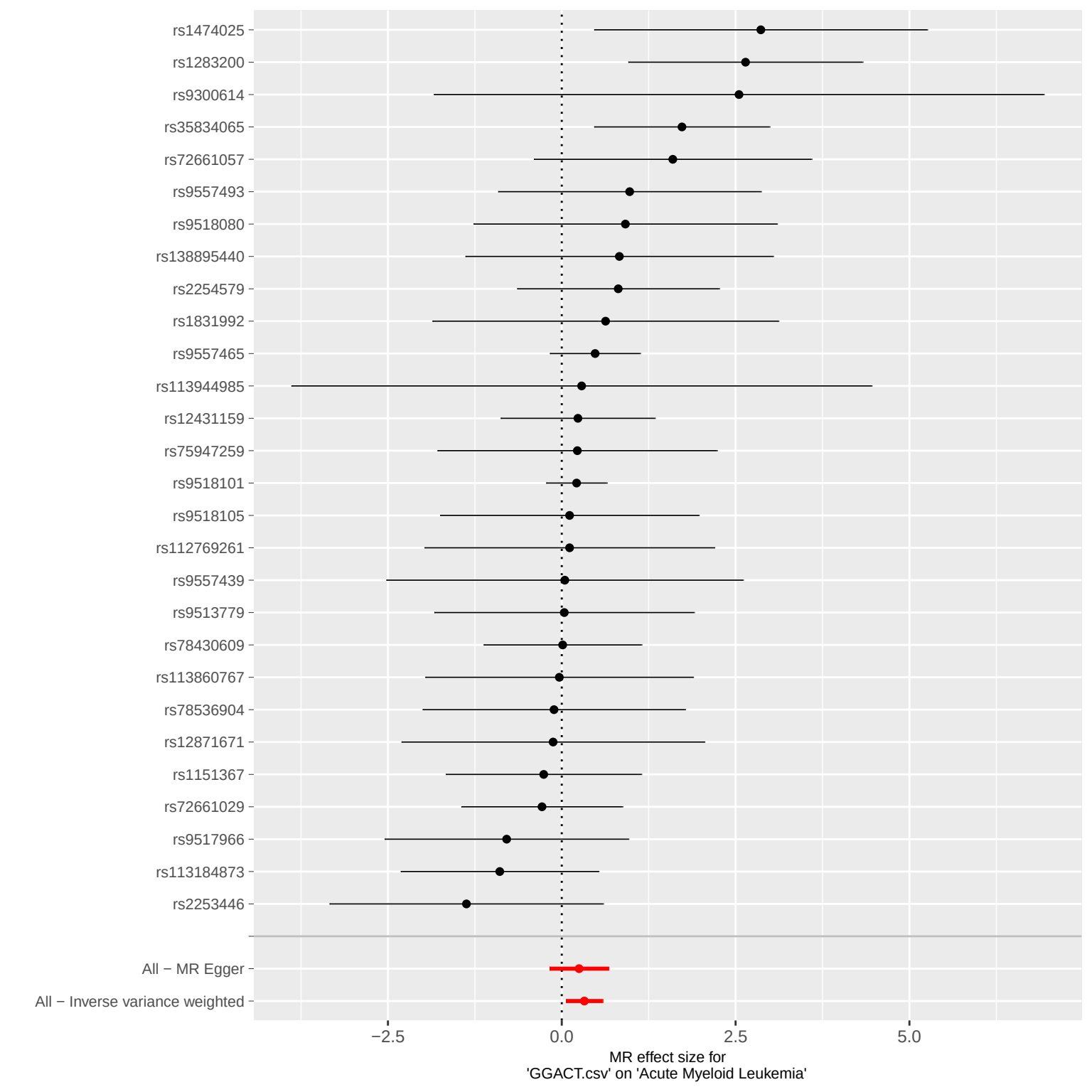
rs56098086
rs10105427
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'GFRA2.csv' on 'Acute Myeloid Leukemia'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rs9557439
rs9513779
rs78430609
rs113860767
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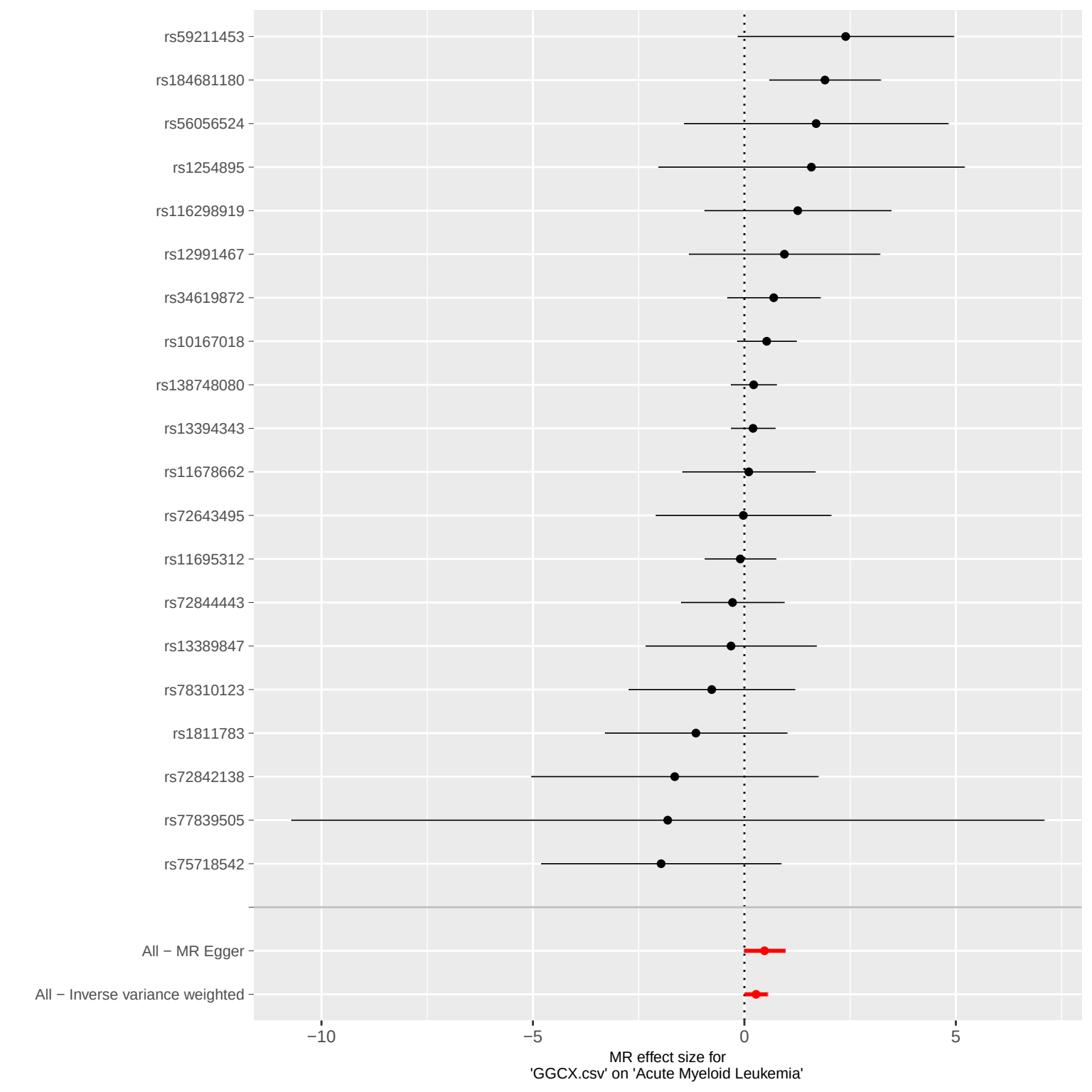
rs72661029
rs9517966
rs113184873
rs2253446
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'GGACT.csv' on 'Acute Myeloid Leukemia'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rs72842138
rs77839505
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All − MR Egger
All − Inverse variance weighted
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−5
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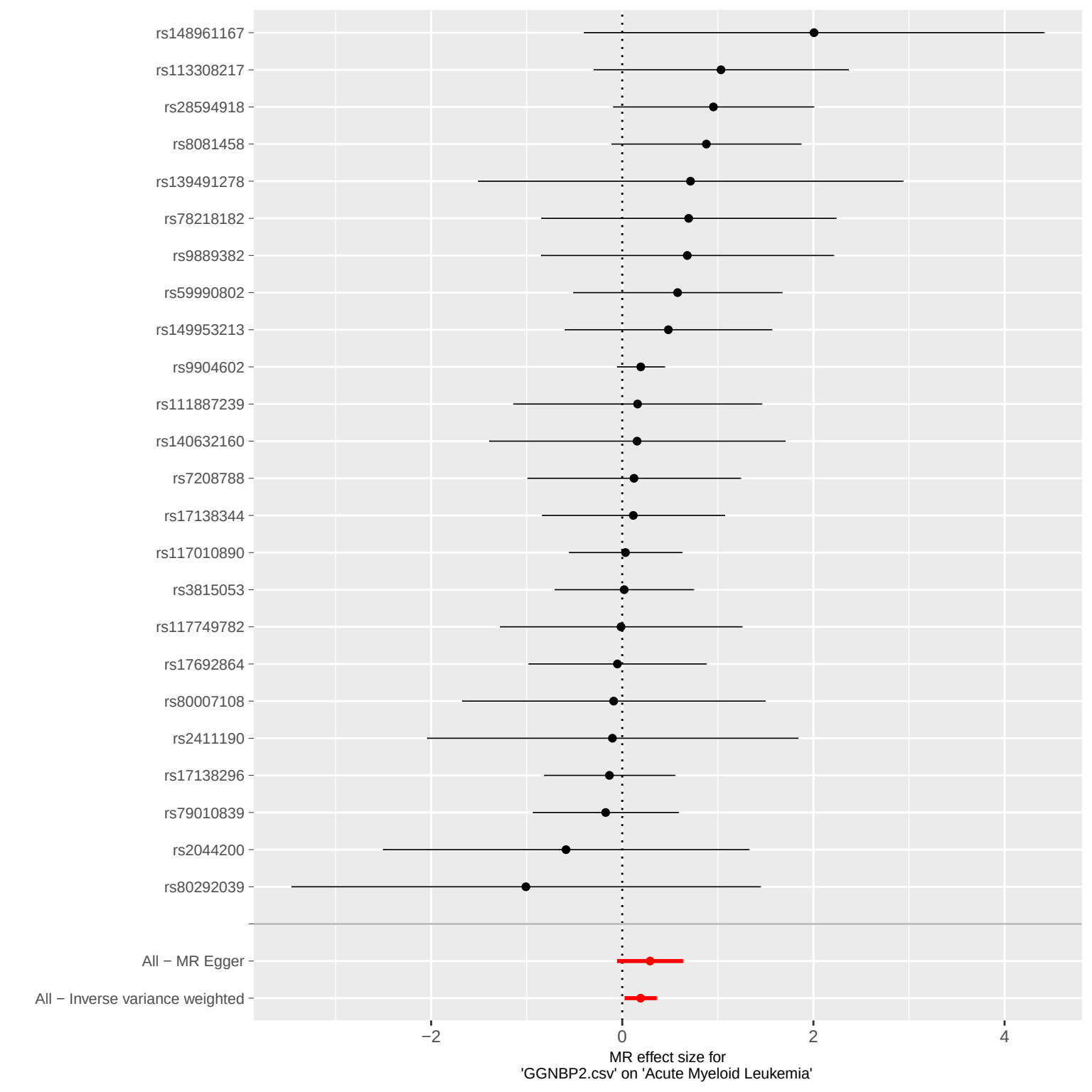
MR effect size for
'GGCX.csv' on 'Acute Myeloid Leukemia'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rs2411190
rs17138296
rs79010839
rs2044200
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All − MR Egger
All − Inverse variance weighted
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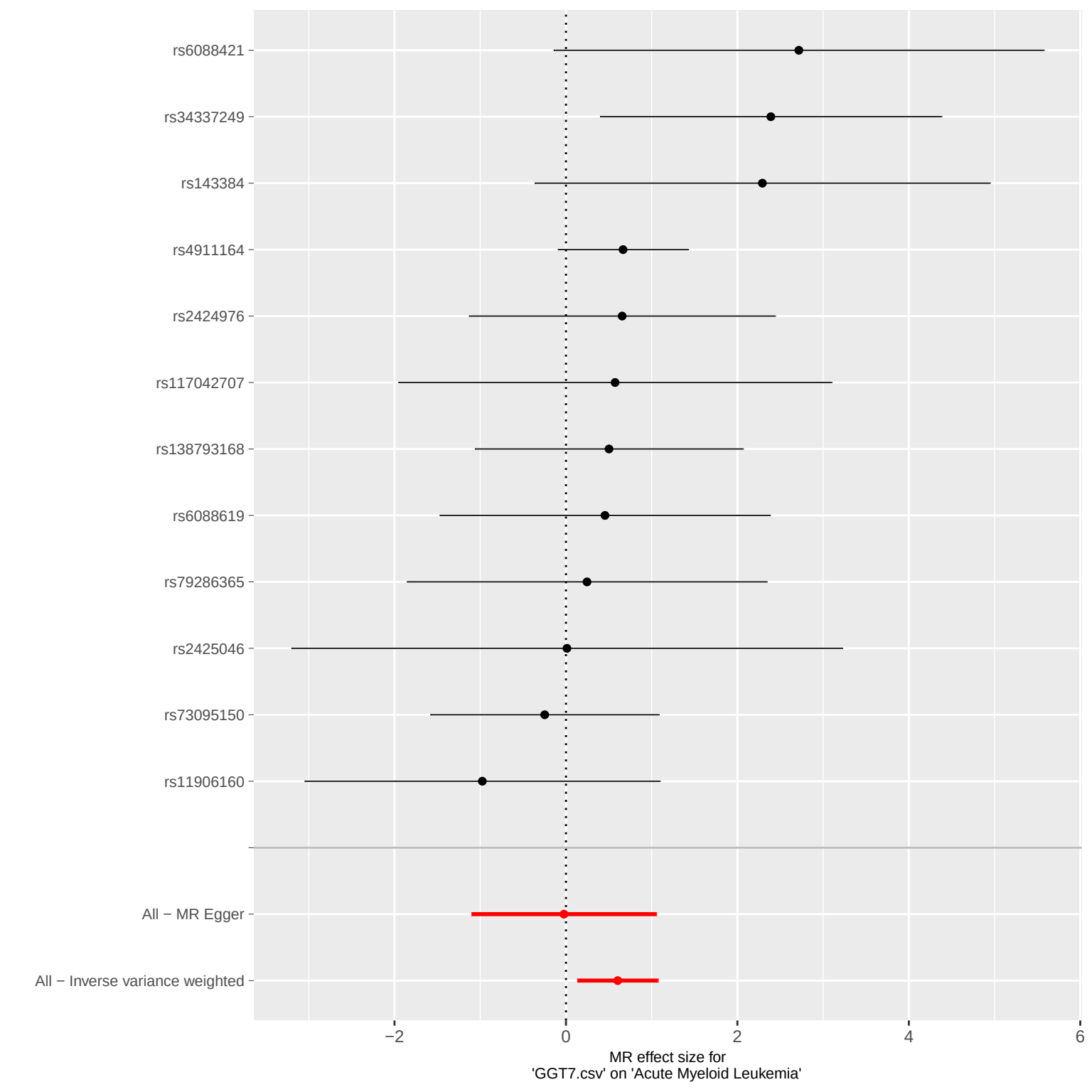
2
4
MR effect size for
'GGNBP2.csv' on 'Acute Myeloid Leukemia'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rs73095150
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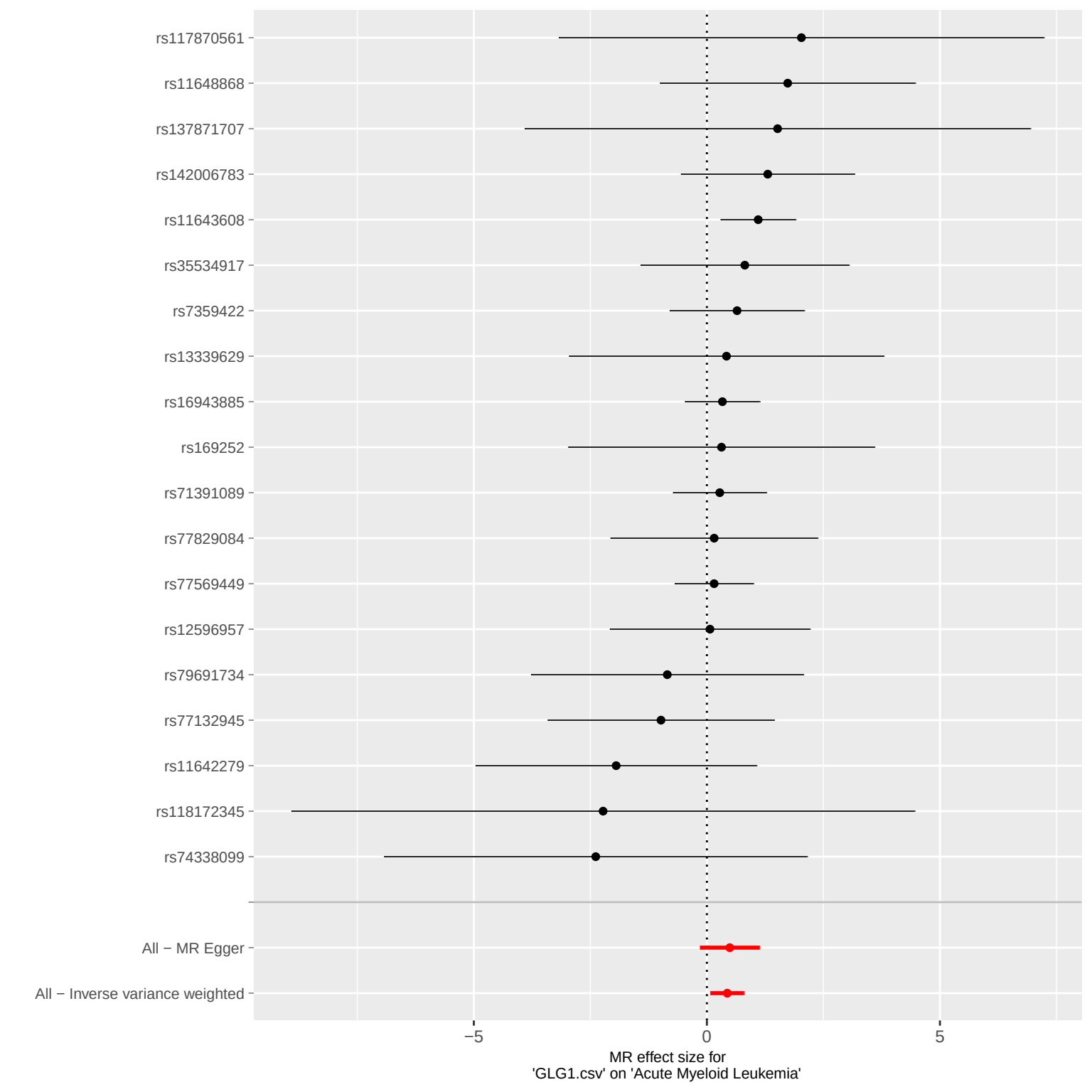
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'GGT7.csv' on 'Acute Myeloid Leukemia'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rs12596957
rs79691734
rs77132945
rs11642279
rs118172345
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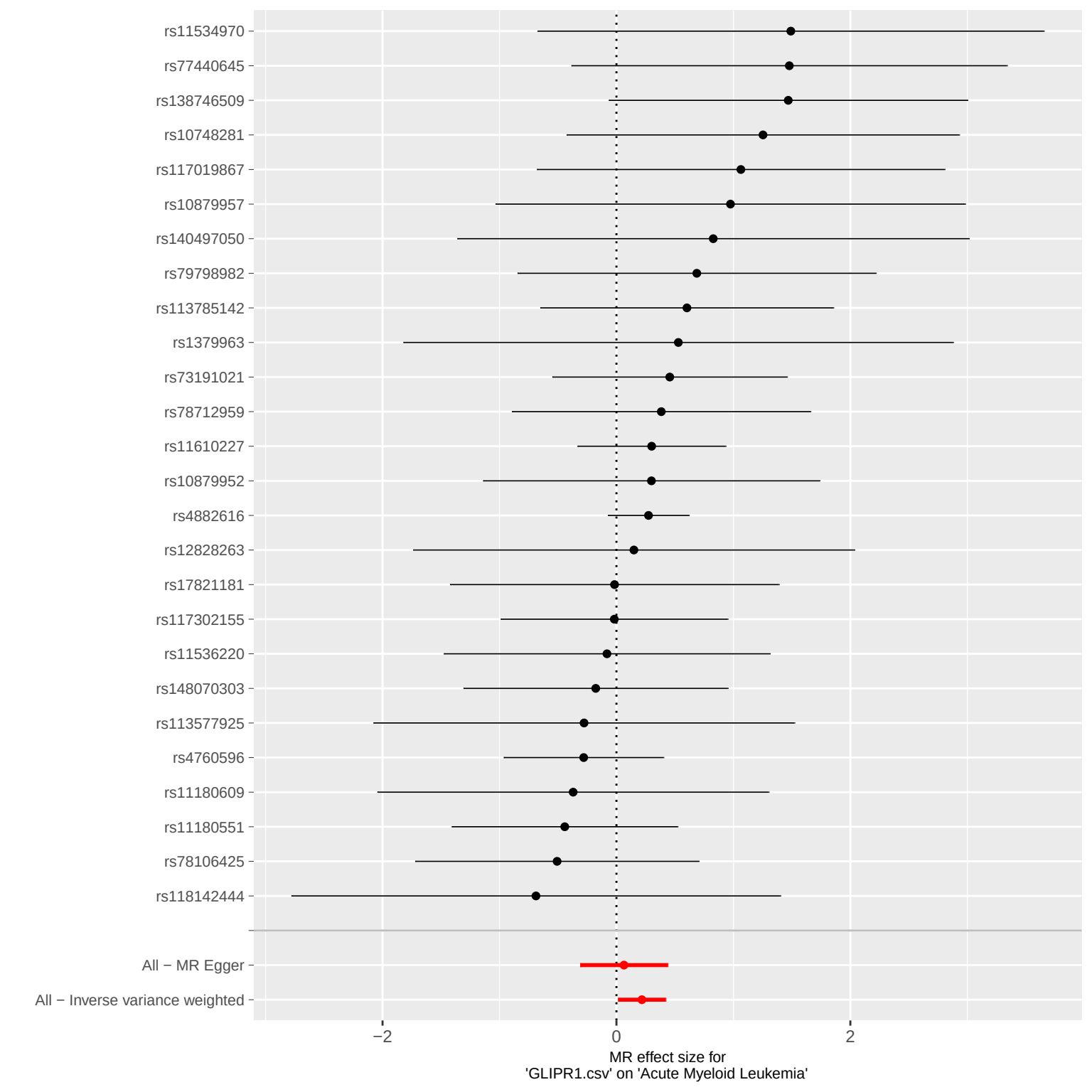
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'GLG1.csv' on 'Acute Myeloid Leukemia'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rs4760596
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All − Inverse variance weighted
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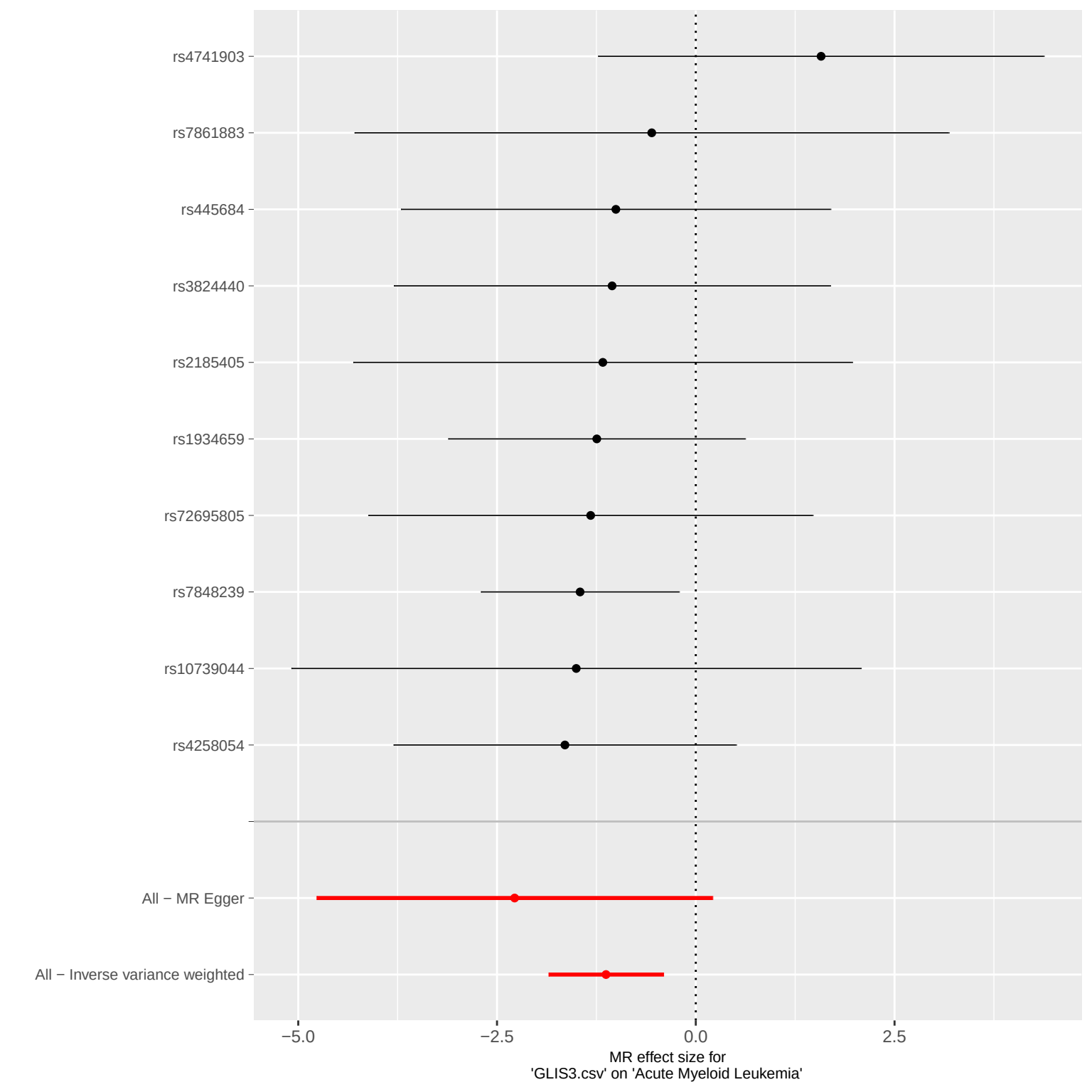
2
MR effect size for
'GLIPR1.csv' on 'Acute Myeloid Leukemia'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rs72695805
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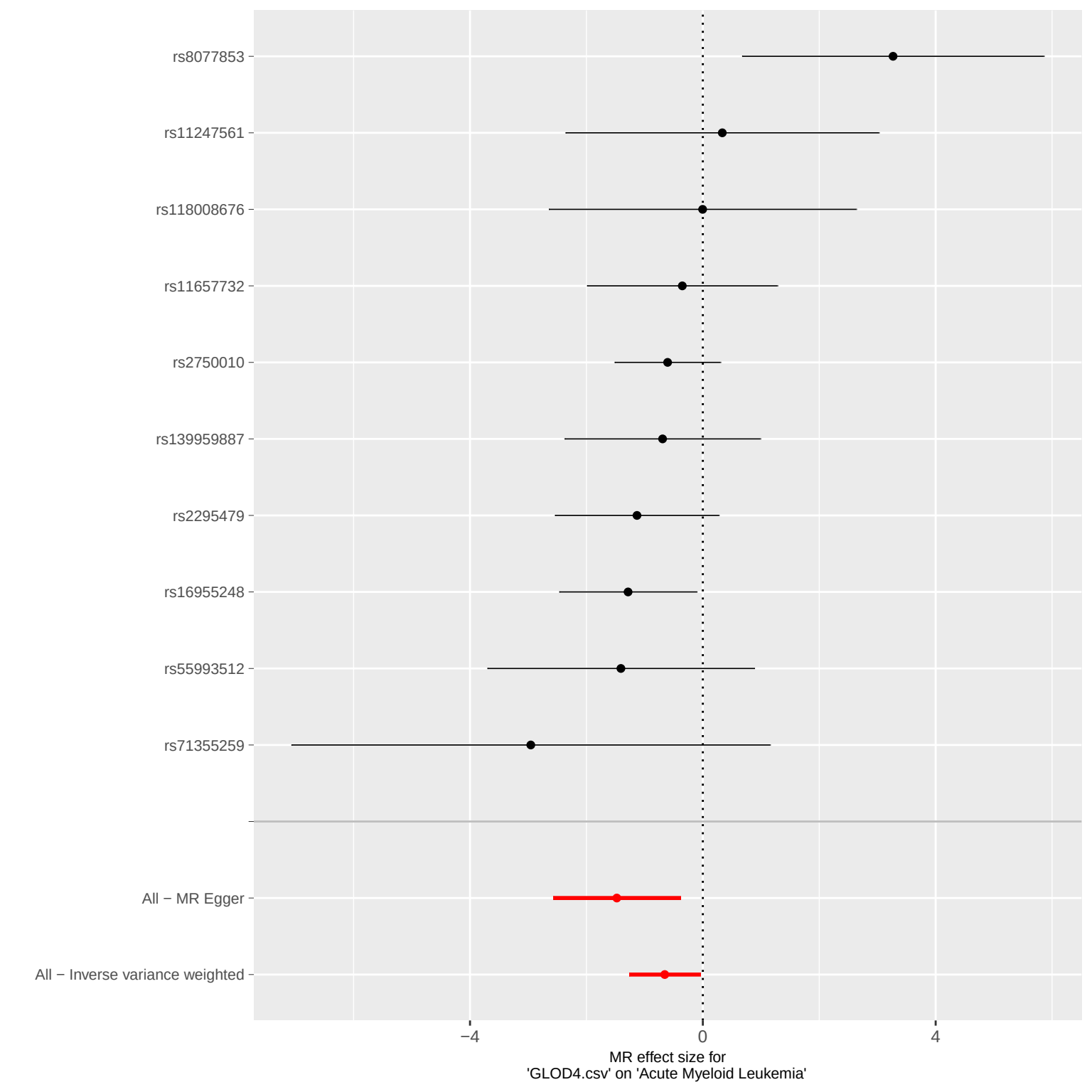
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'GLIS3.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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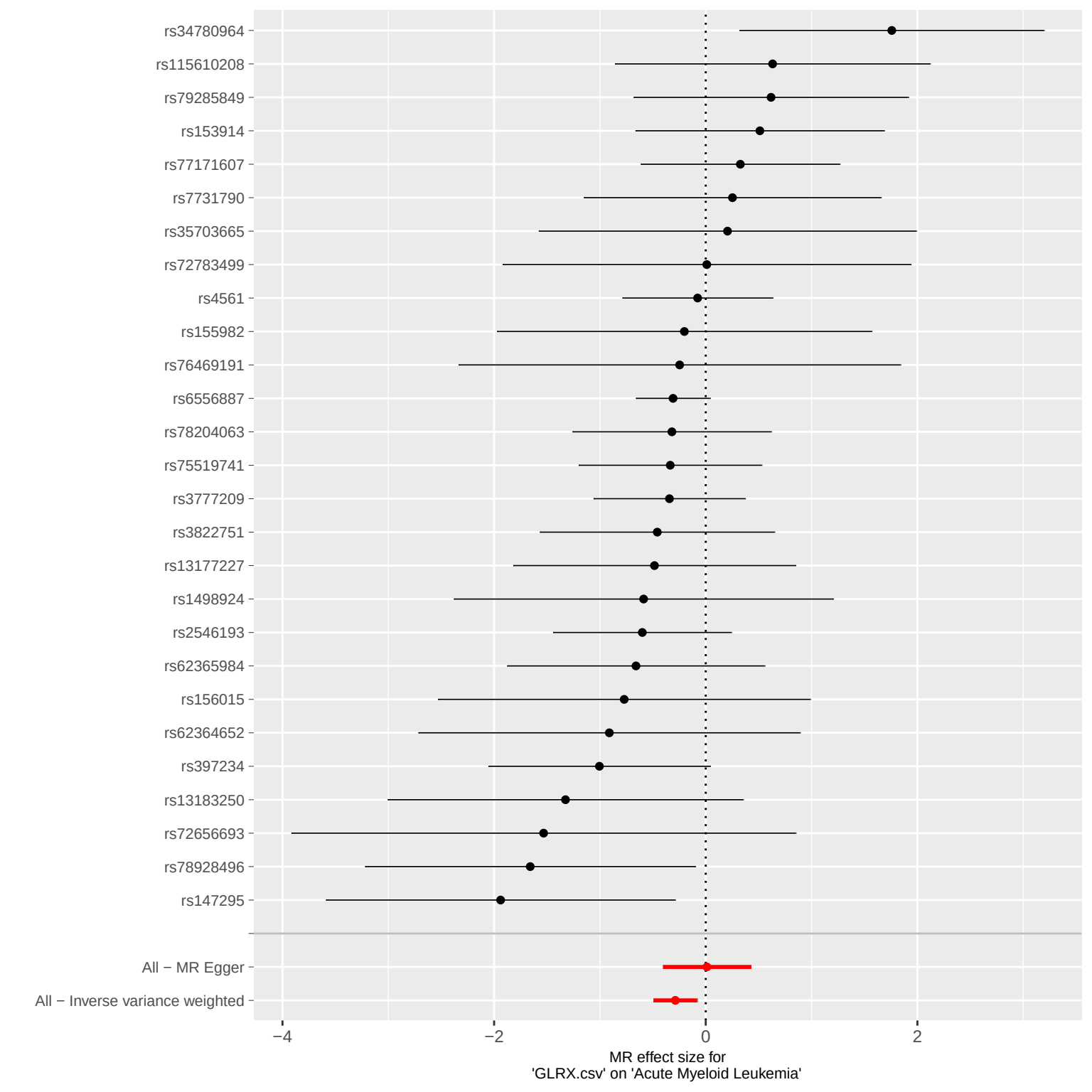
4
MR effect size for
'GLOD4.csv' on 'Acute Myeloid Leukemia'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rs62364652
rs397234
rs13183250
rs72656693
rs78928496
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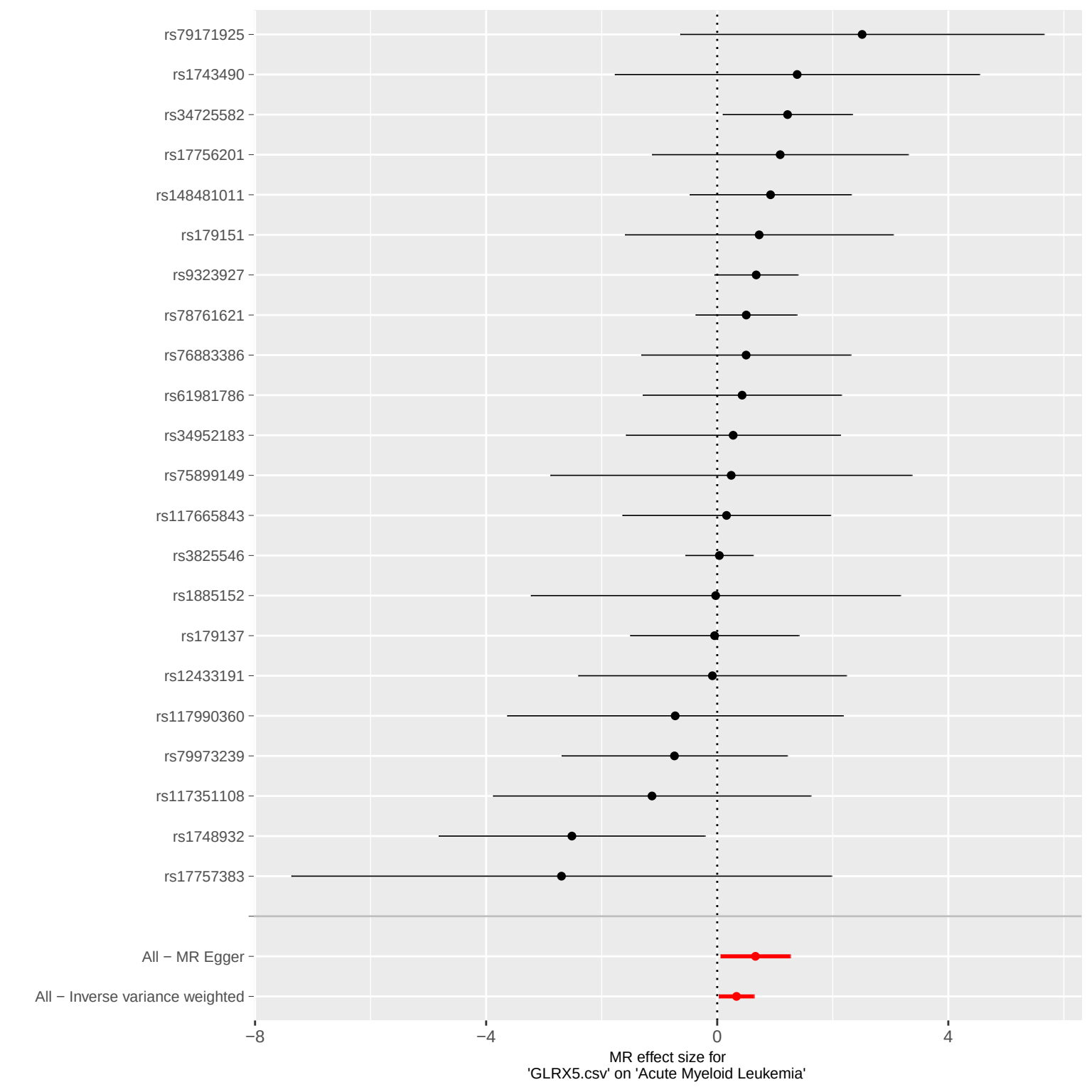
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GLRX.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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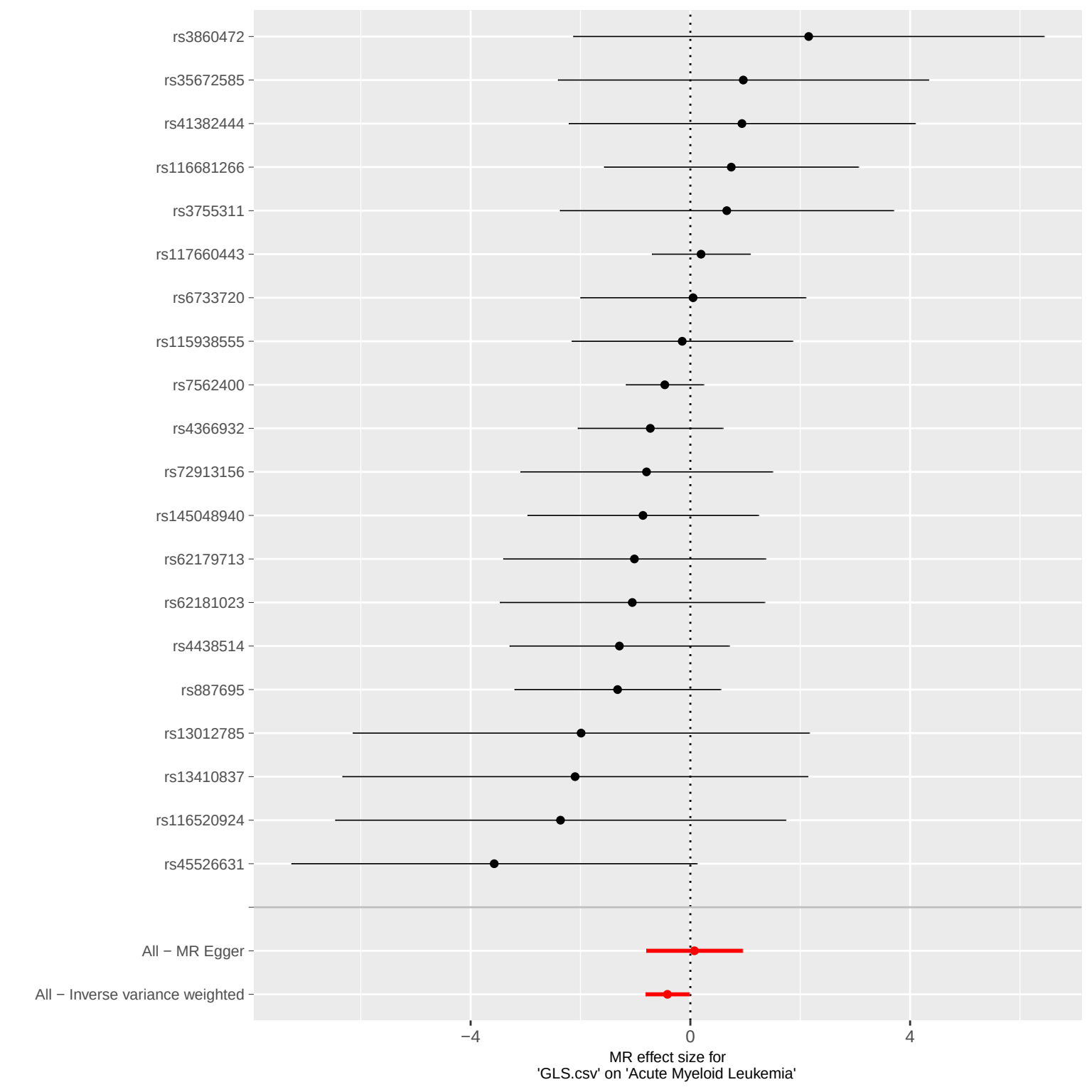
MR effect size for
'GLRX5.csv' on 'Acute Myeloid Leukemia'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rs4438514
rs887695
rs13012785
rs13410837
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All − MR Egger
All − Inverse variance weighted
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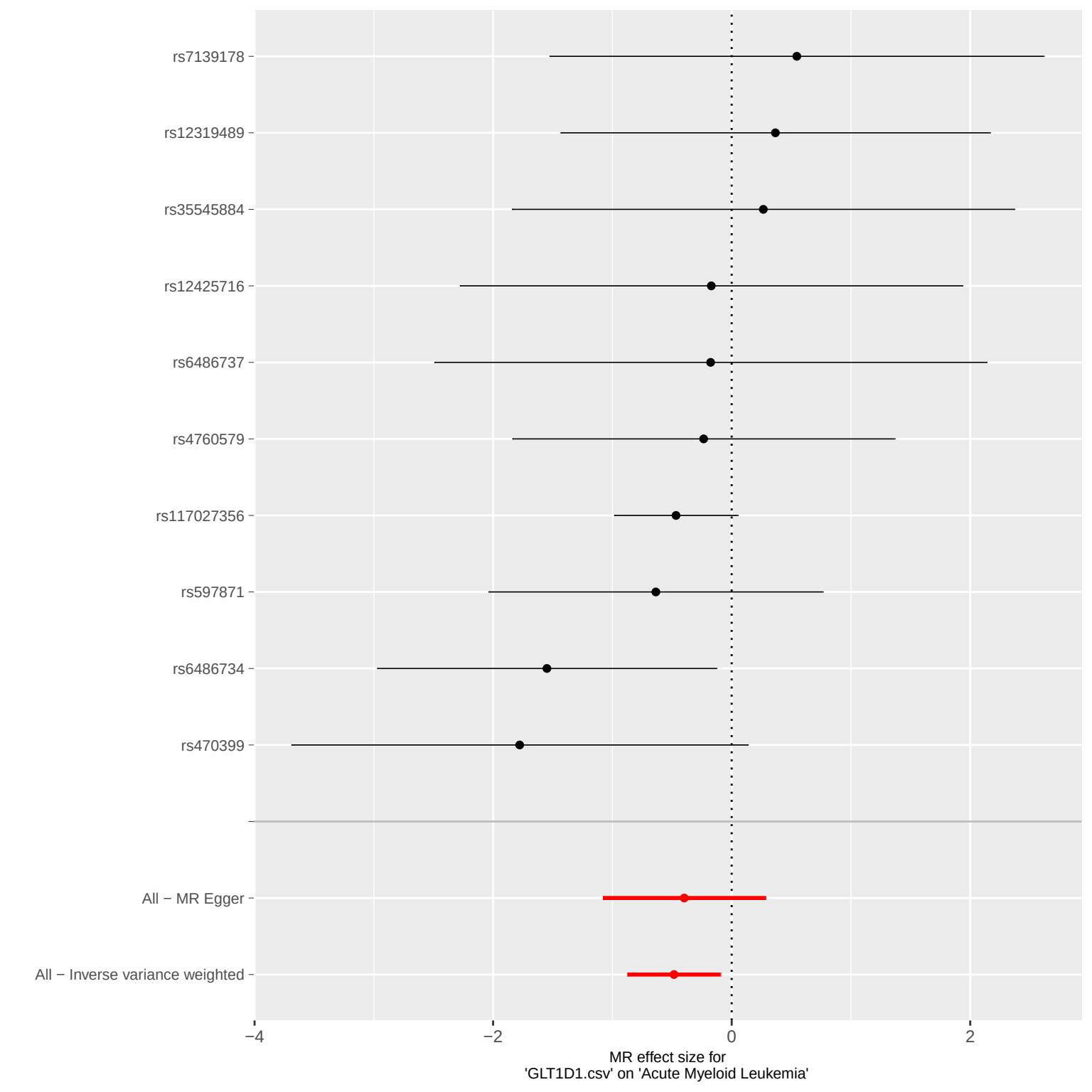
MR effect size for
'GLS.csv' on 'Acute Myeloid Leukemia'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rs6486734
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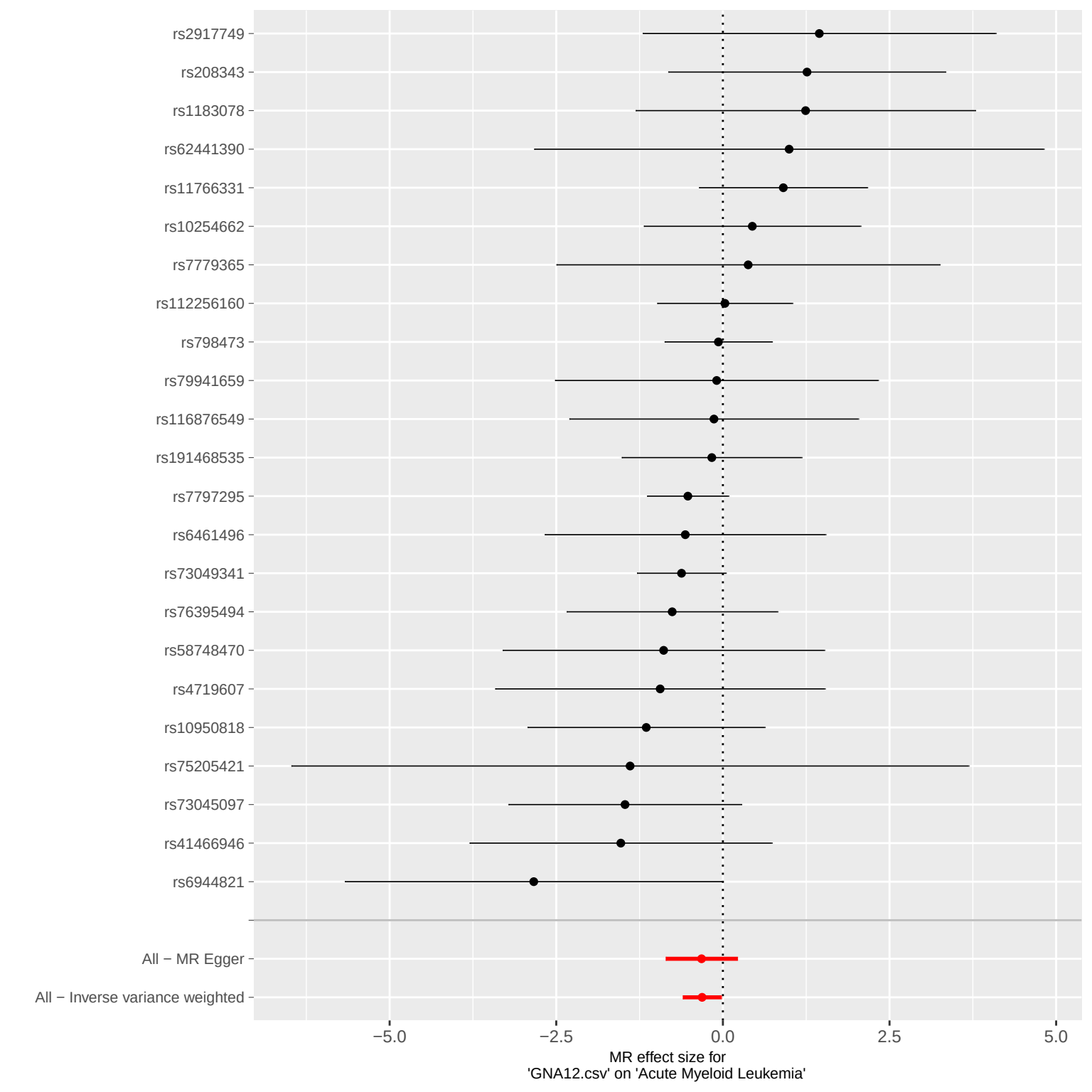
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GLT1D1.csv' on 'Acute Myeloid Leukemia'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rs10950818
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rs41466946
rs6944821
All − MR Egger
All − Inverse variance weighted
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−2.5
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MR effect size for
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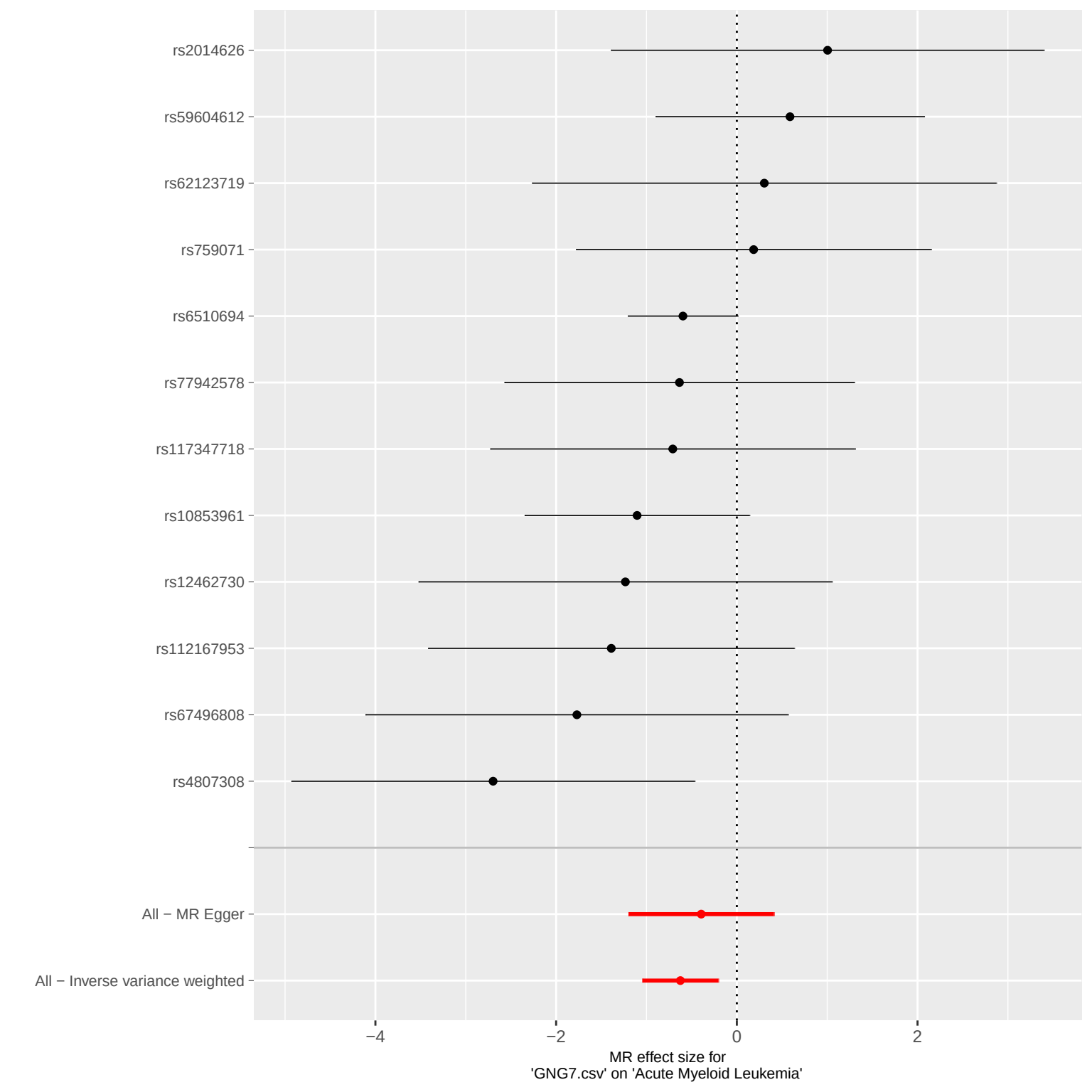
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rs67496808
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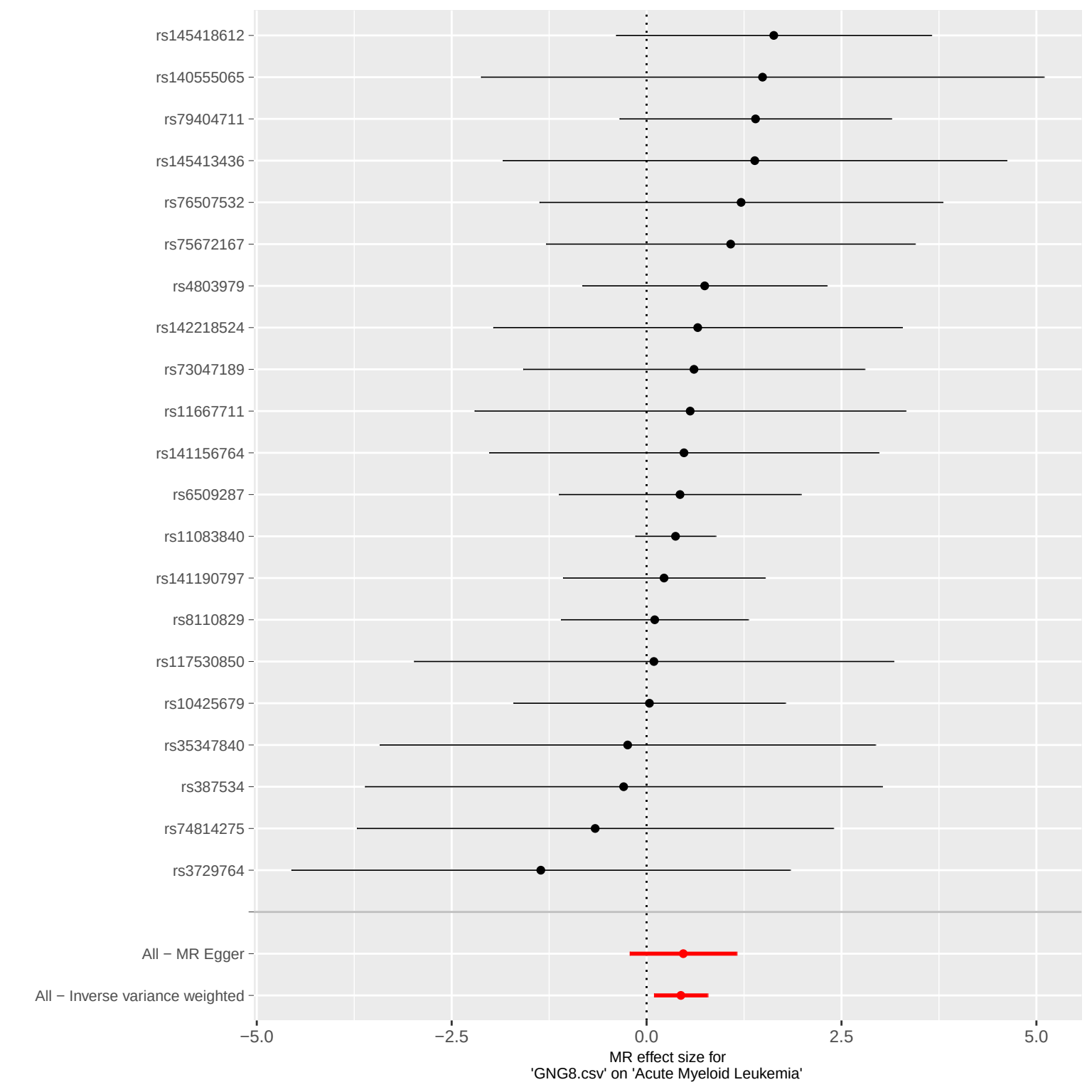
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GNG7.csv' on 'Acute Myeloid Leukemia'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rs10425679
rs35347840
rs387534
rs74814275
rs3729764
All − MR Egger
All − Inverse variance weighted
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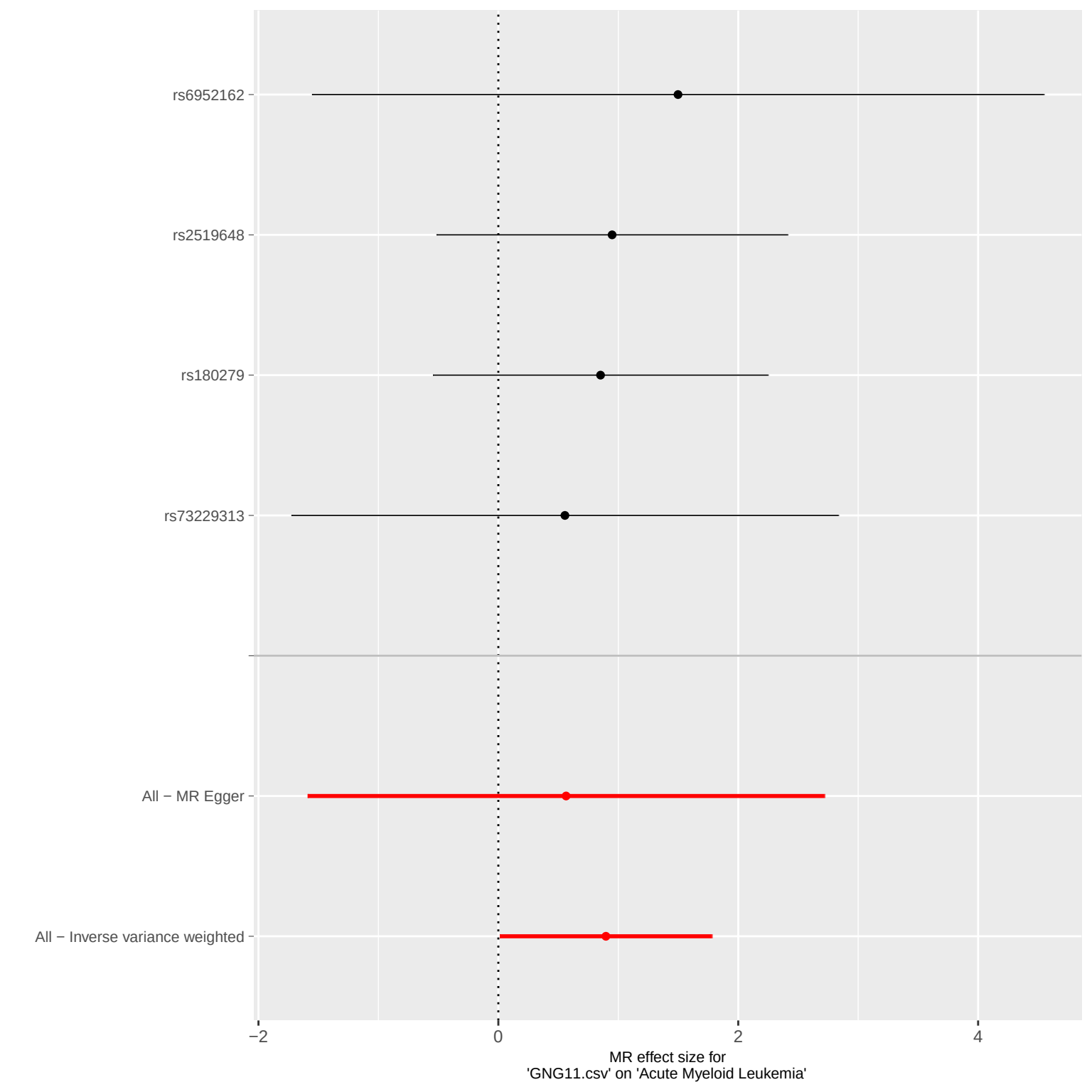
−2.5
0.0
2.5
5.0
MR effect size for
'GNG8.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
−2
0
2
4
MR effect size for
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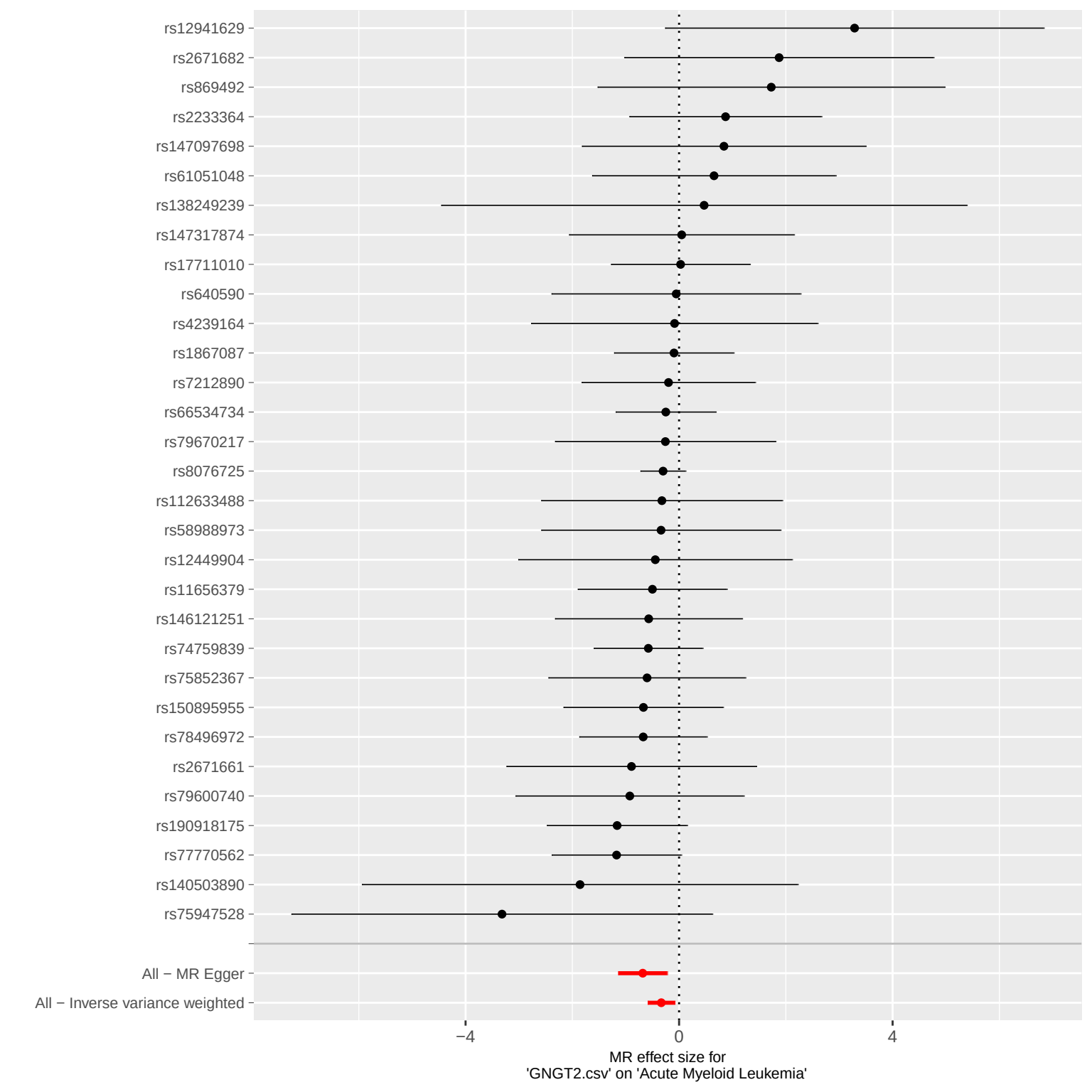
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rs78496972
rs2671661
rs79600740
rs190918175
rs77770562
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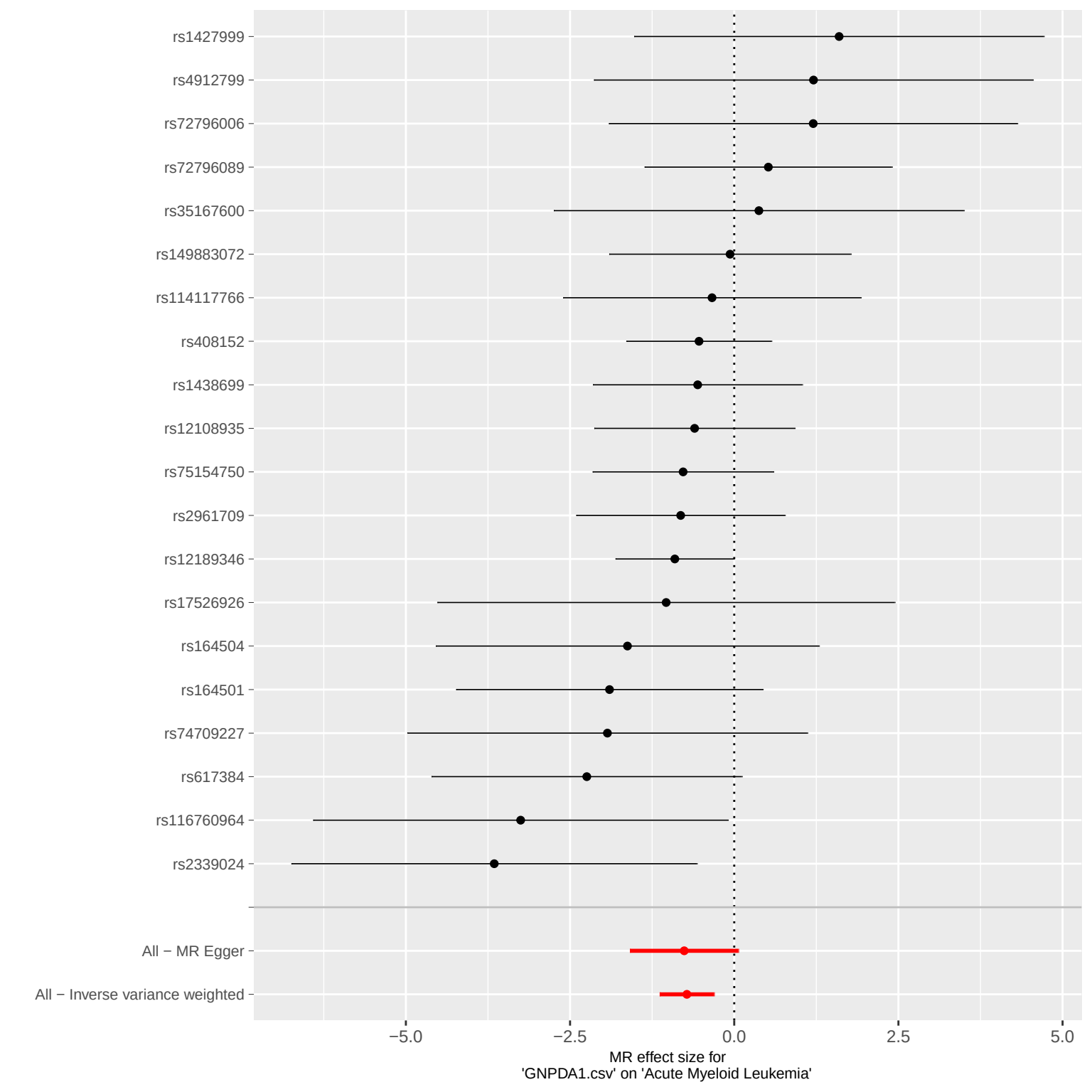
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'GNGT2.csv' on 'Acute Myeloid Leukemia'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rs164501
rs74709227
rs617384
rs116760964
rs2339024
All − MR Egger
All − Inverse variance weighted
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2.5
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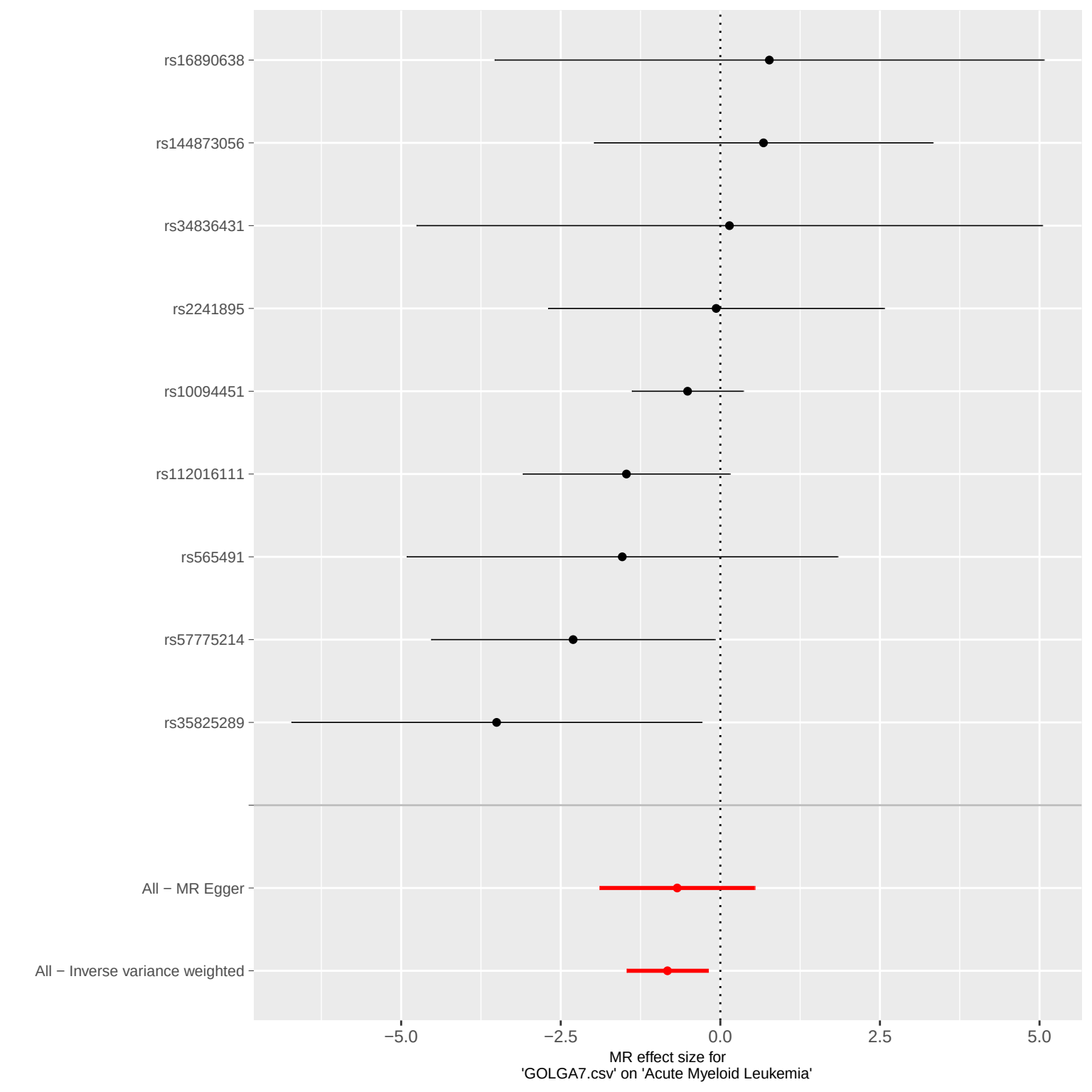
MR effect size for
'GNPDA1.csv' on 'Acute Myeloid Leukemia'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rs565491
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All − MR Egger
All − Inverse variance weighted
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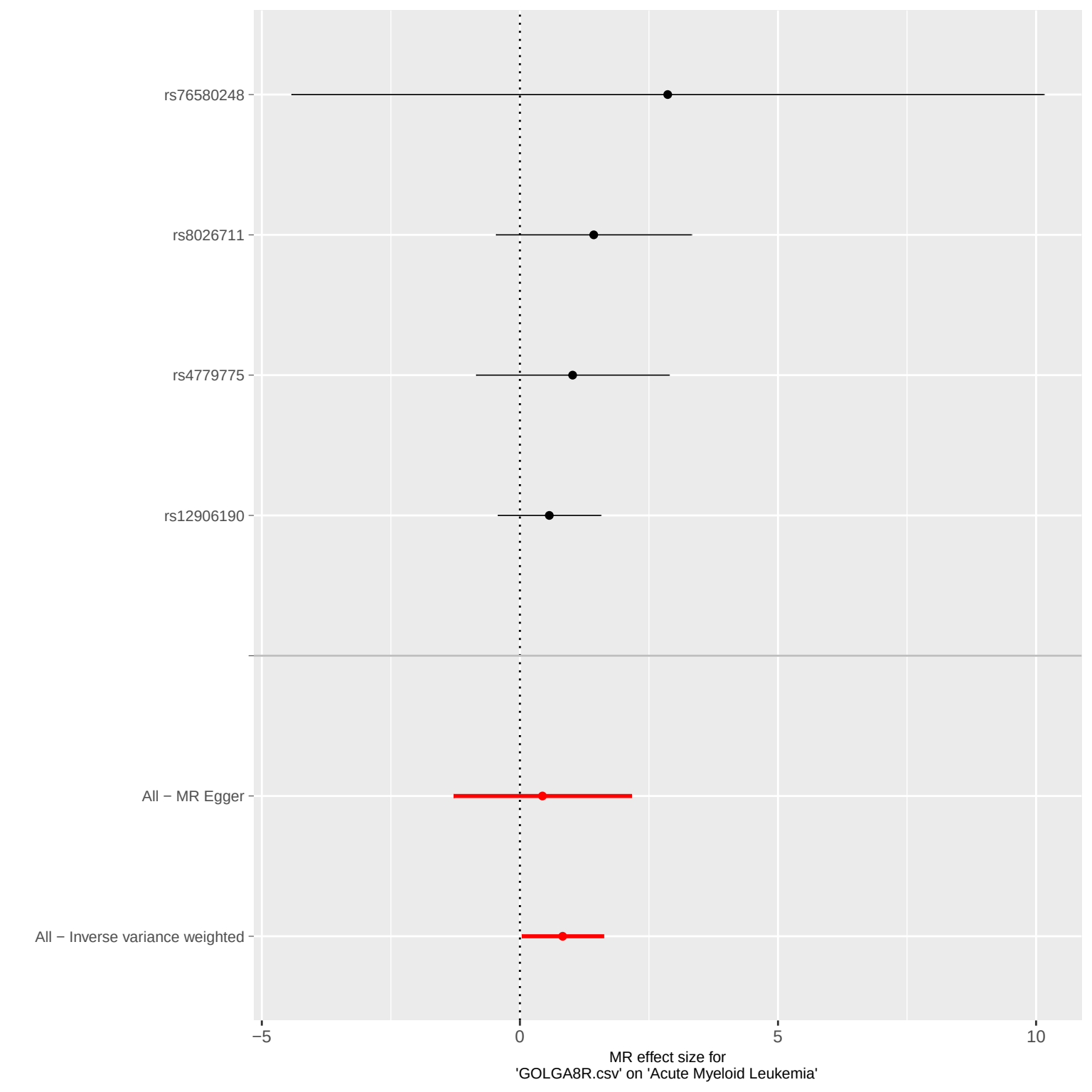
−2.5
0.0
2.5
5.0
MR effect size for
'GOLGA7.csv' on 'Acute Myeloid Leukemia'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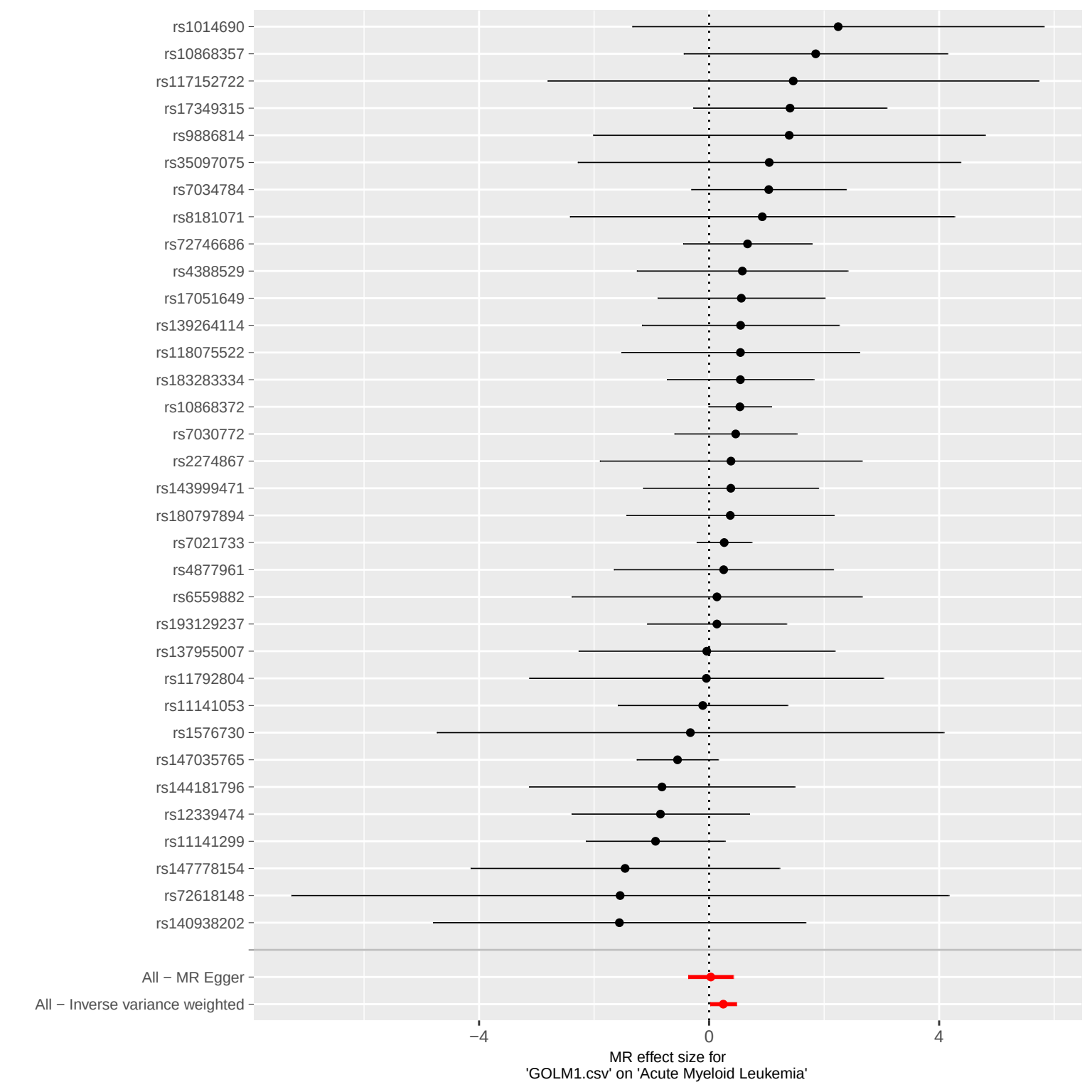
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GOLGA8R.csv' on 'Acute Myeloid Leukemia'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rs147035765
rs144181796
rs12339474
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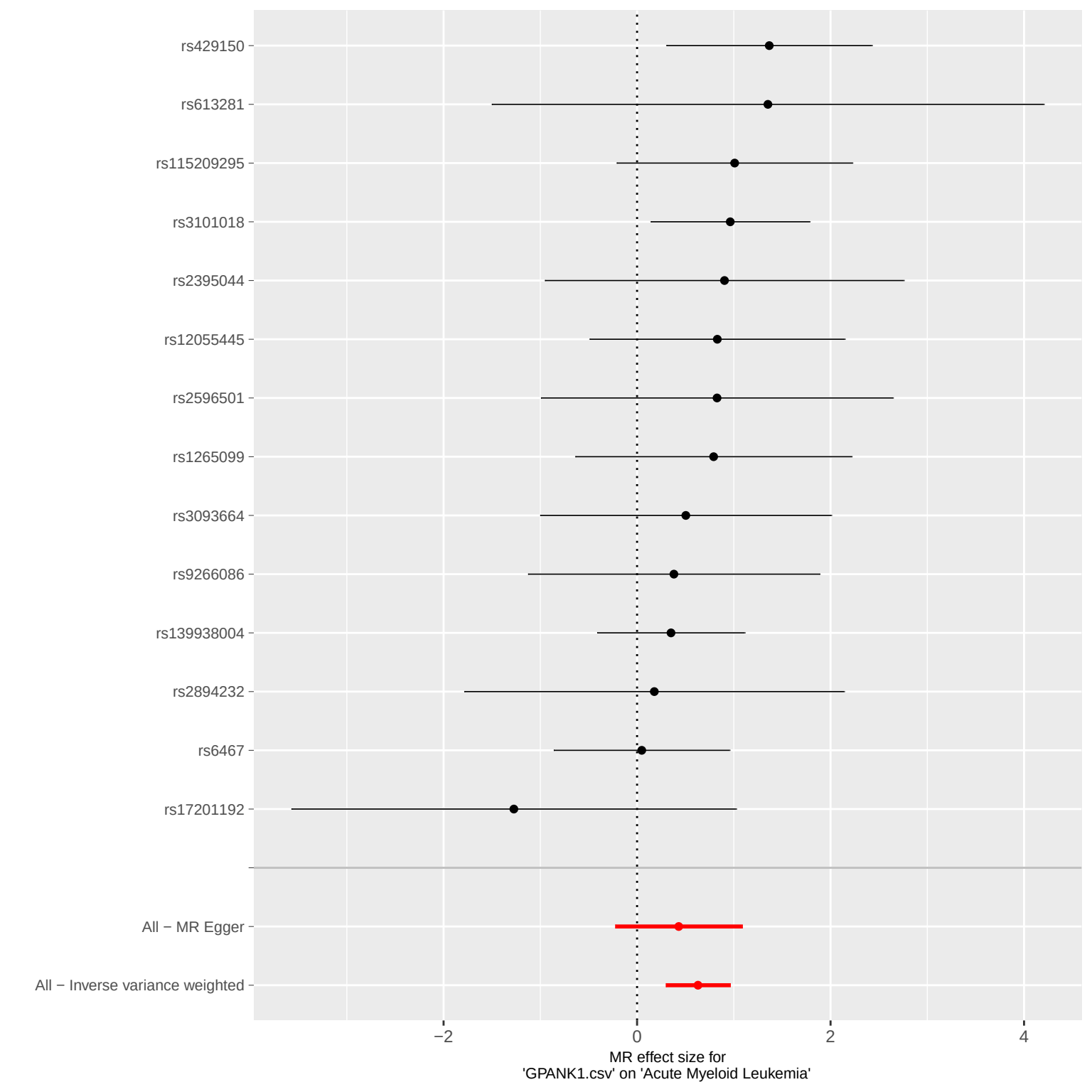
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'GOLM1.csv' on 'Acute Myeloid Leukemia'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rs6467
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All − Inverse variance weighted
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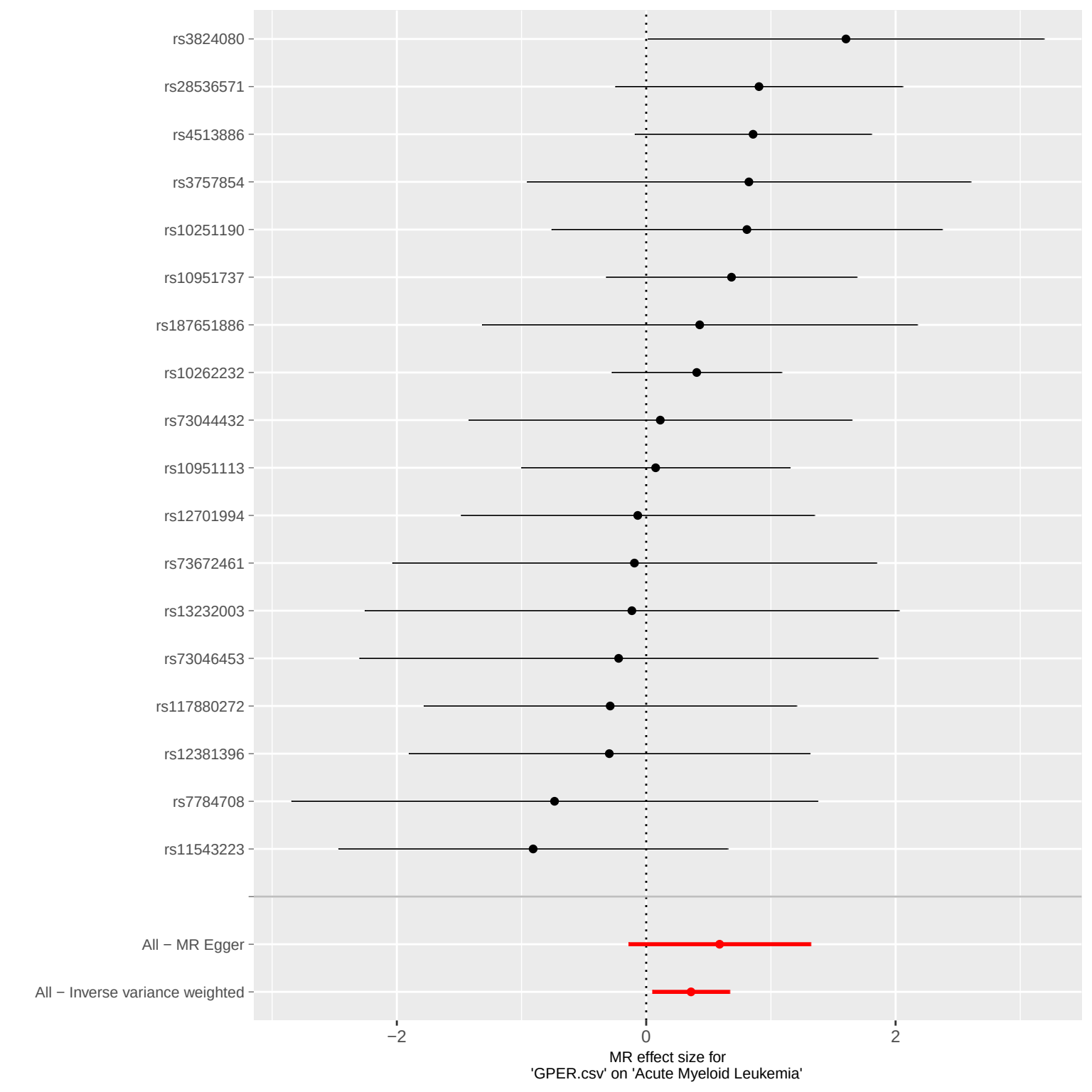
4
MR effect size for
'GPANK1.csv' on 'Acute Myeloid Leukemia'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rs117880272
rs12381396
rs7784708
rs11543223
All − MR Egger
All − Inverse variance weighted
−2
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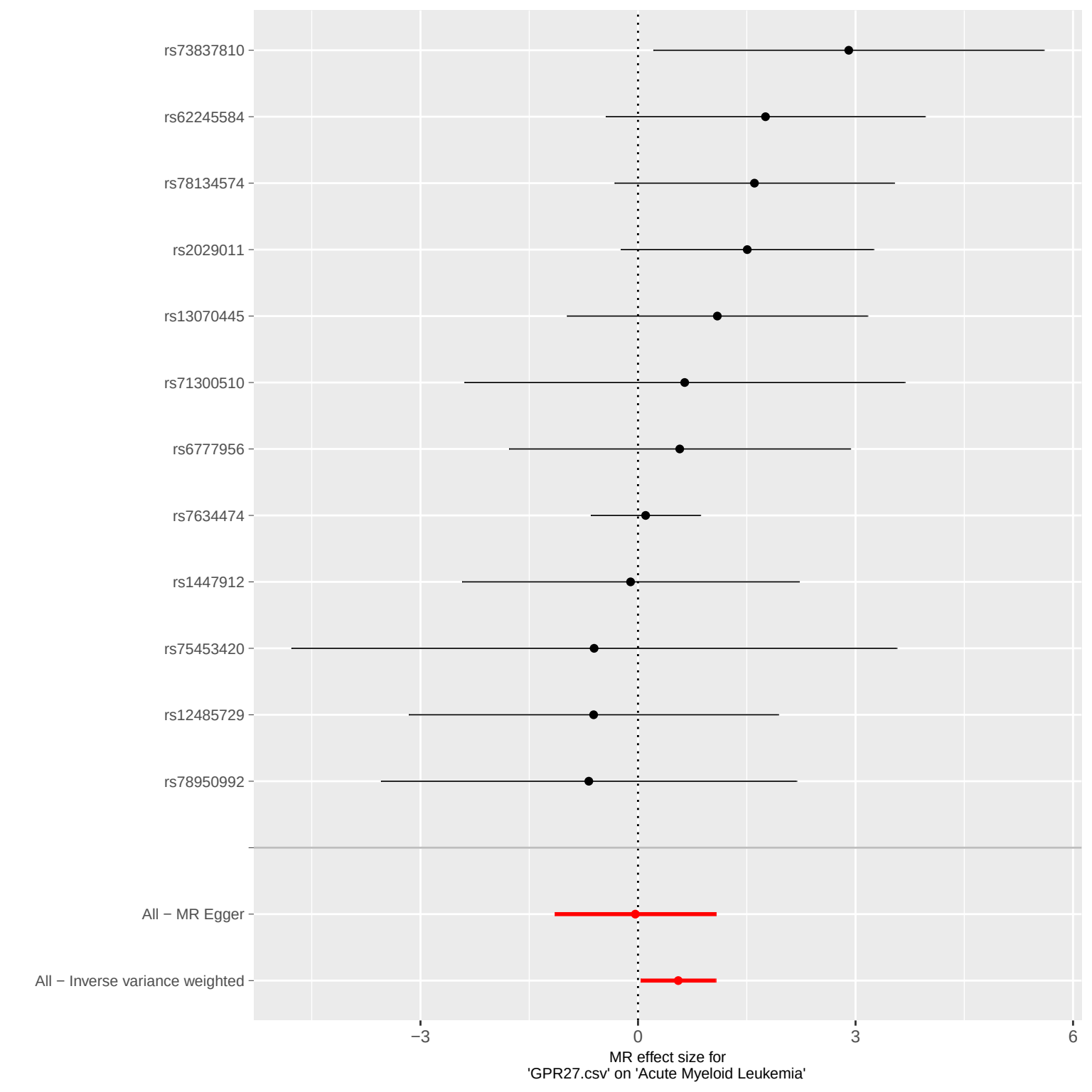
2
MR effect size for
'GPER.csv' on 'Acute Myeloid Leukemia'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rs75453420
rs12485729
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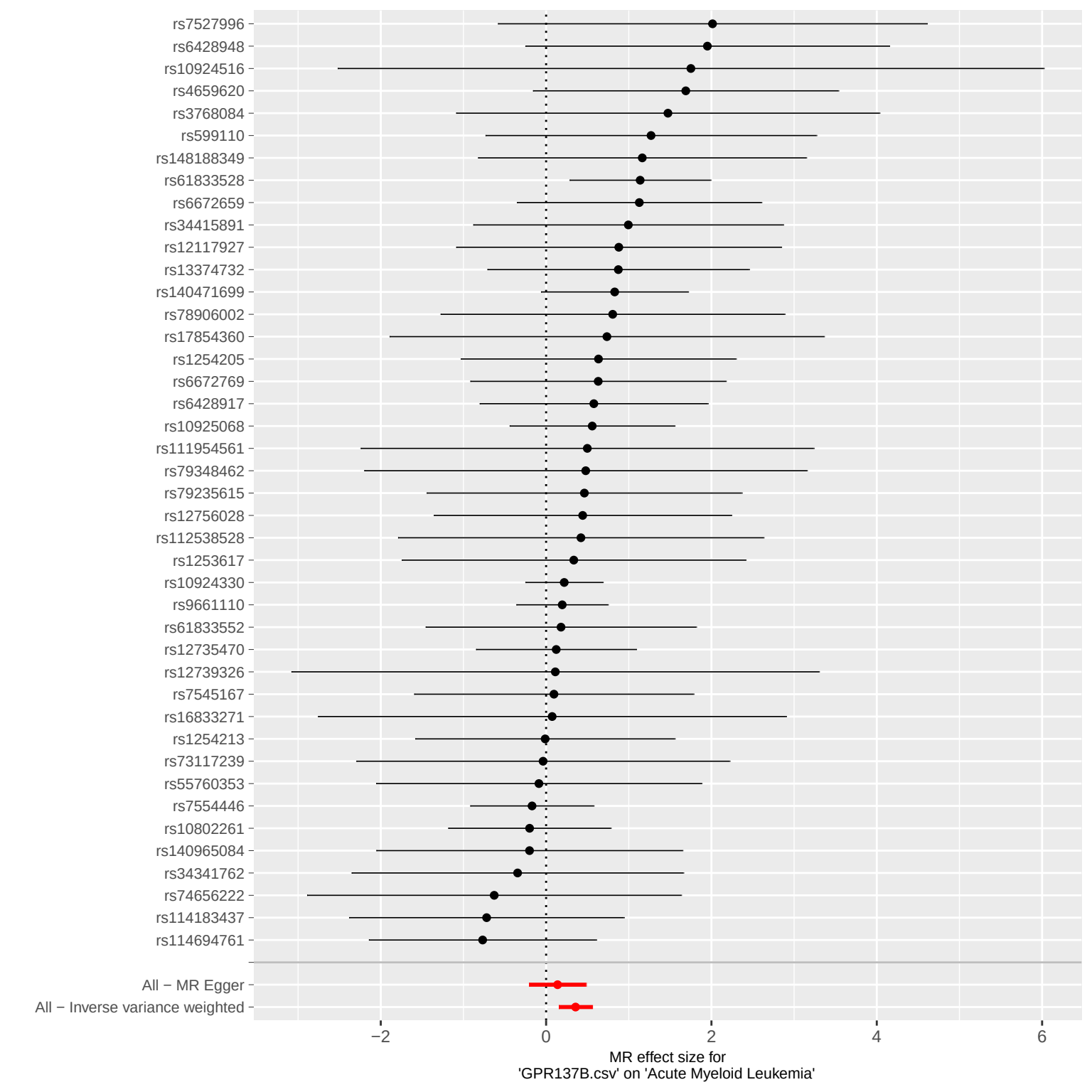
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'GPR27.csv' on 'Acute Myeloid Leukemia'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rs1254205
rs6672769
rs6428917
rs10925068
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rs112538528
rs1253617
rs10924330
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rs61833552
rs12735470
rs12739326
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rs1254213
rs73117239
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rs7554446
rs10802261
rs140965084
rs34341762
rs74656222
rs114183437
rs114694761
All − MR Egger
All − Inverse variance weighted
−2
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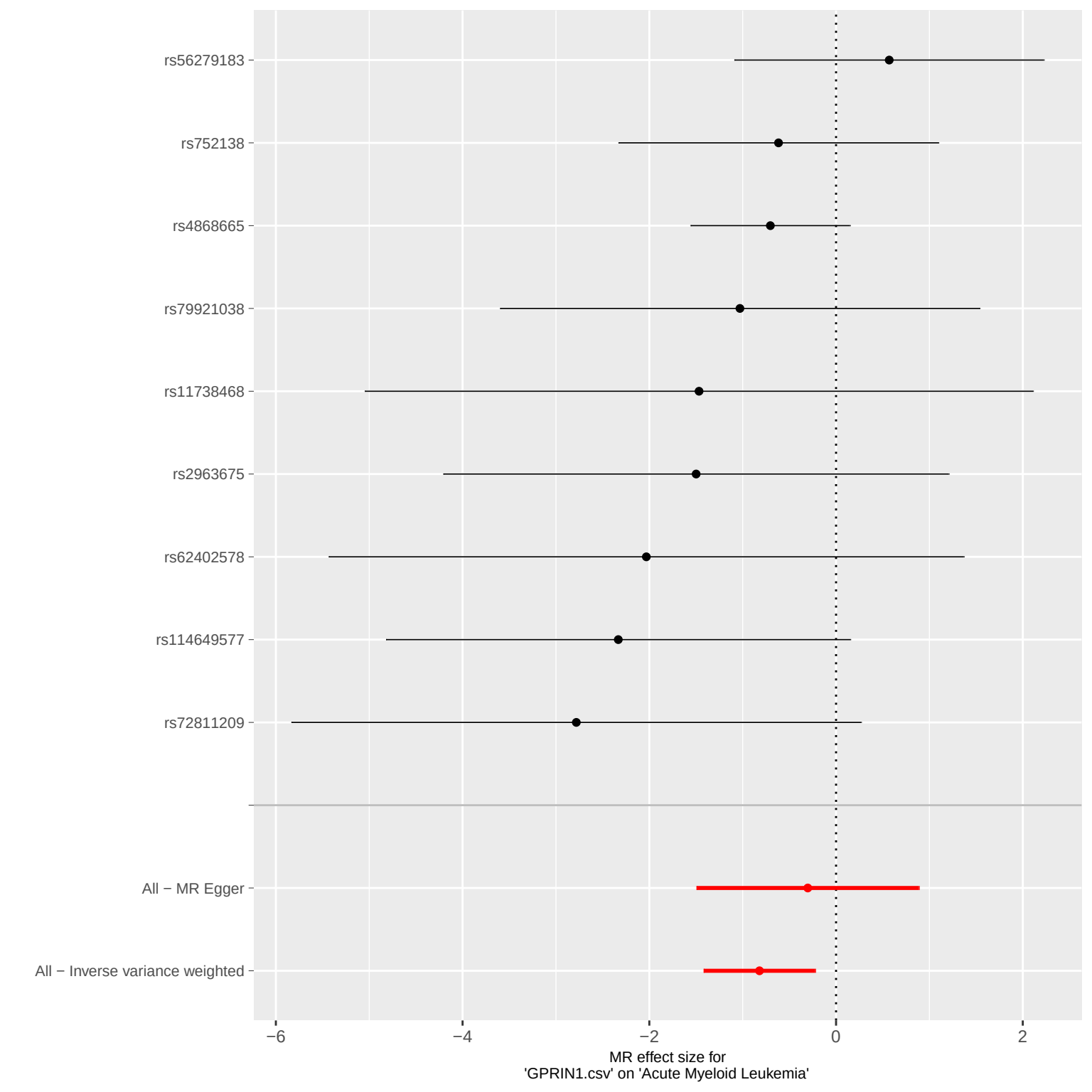
2
4
6
MR effect size for
'GPR137B.csv' on 'Acute Myeloid Leukemia'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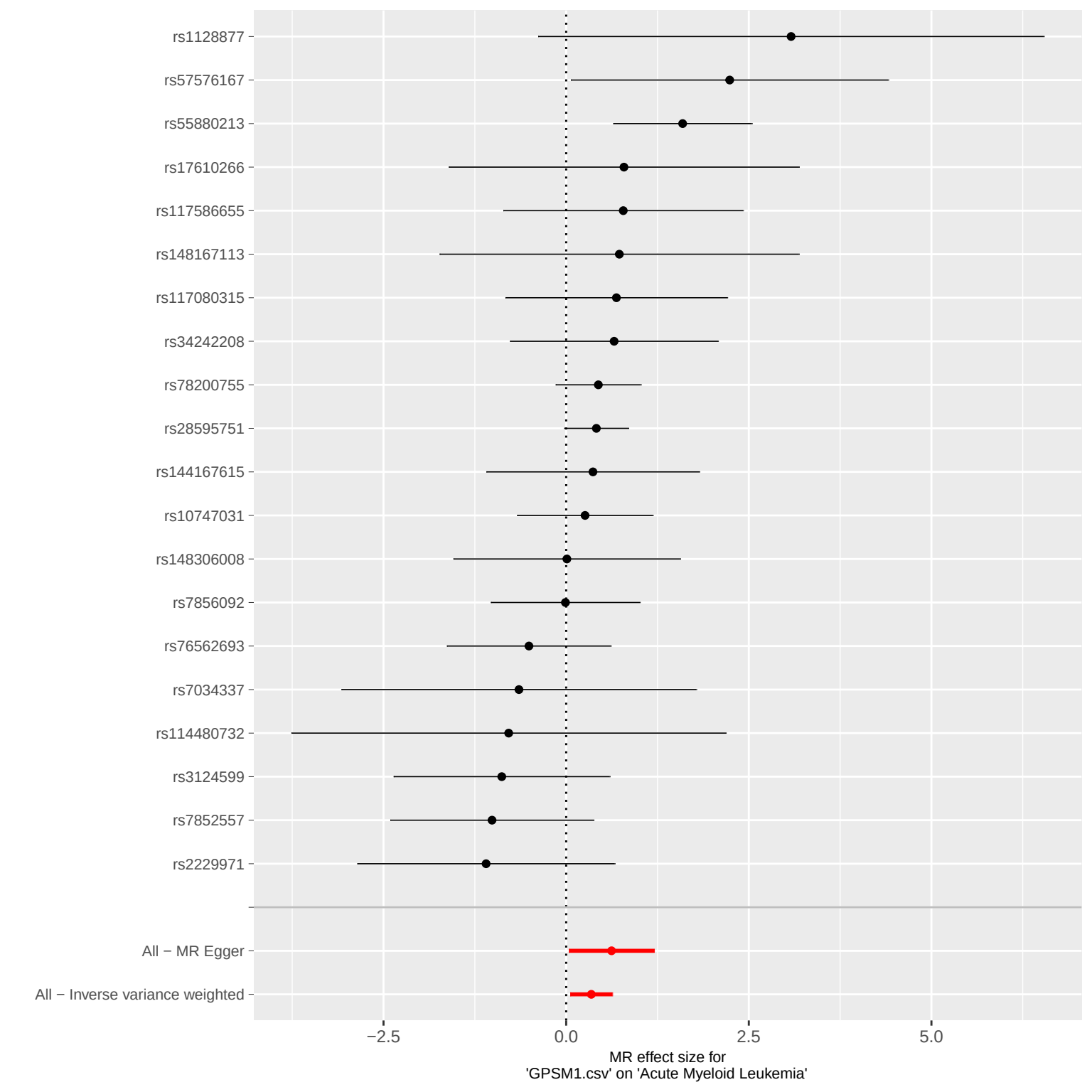
rs2963675
rs62402578
rs114649577
rs72811209
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'GPRIN1.csv' on 'Acute Myeloid Leukemia'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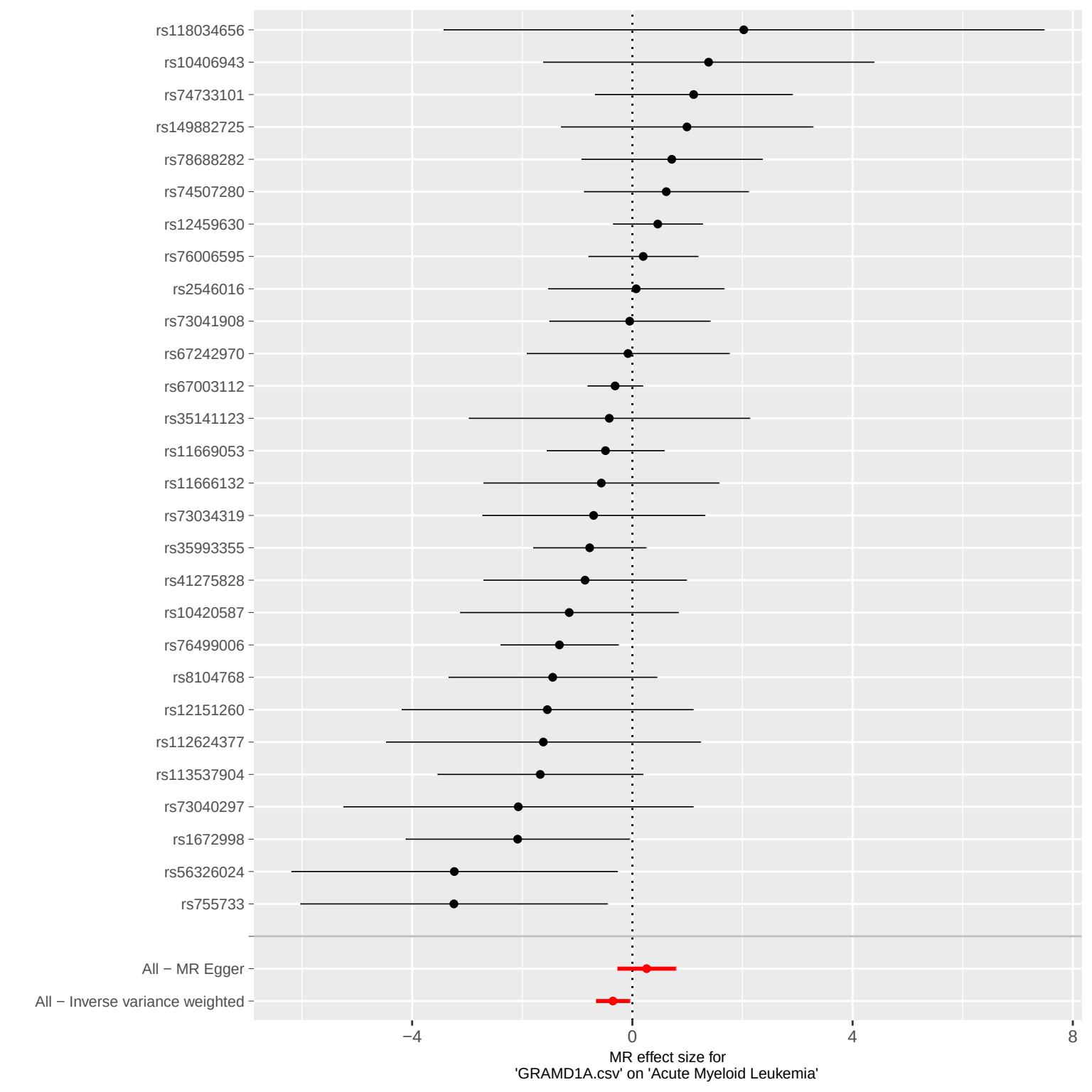
rs10747031
rs148306008
rs7856092
rs76562693
rs7034337
rs114480732
rs3124599
rs7852557
rs2229971
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'GPSM1.csv' on 'Acute Myeloid Leukemia'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rs76499006
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rs113537904
rs73040297
rs1672998
rs56326024
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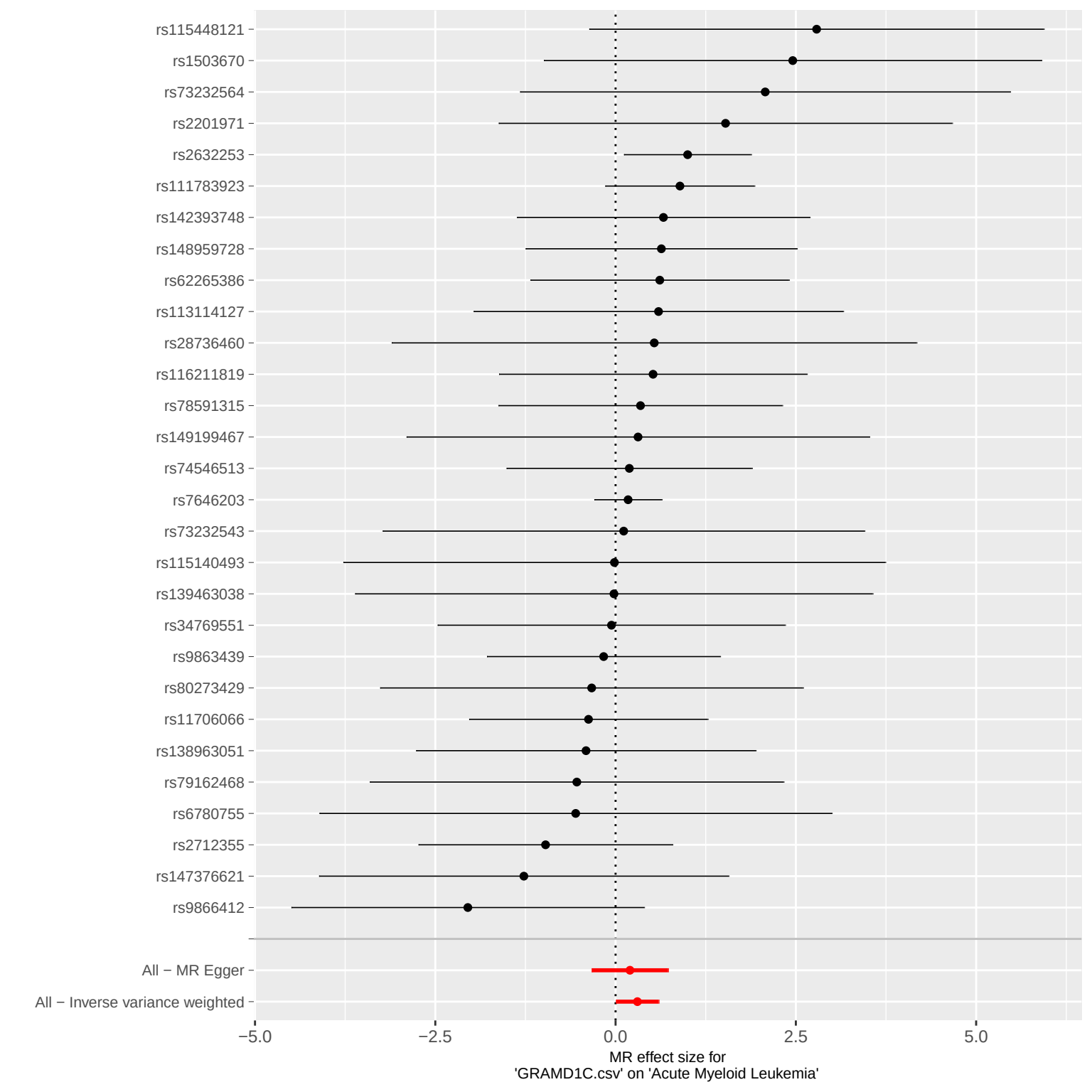
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'GRAMD1A.csv' on 'Acute Myeloid Leukemia'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rs9863439
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rs138963051
rs79162468
rs6780755
rs2712355
rs147376621
rs9866412
All − MR Egger
All − Inverse variance weighted
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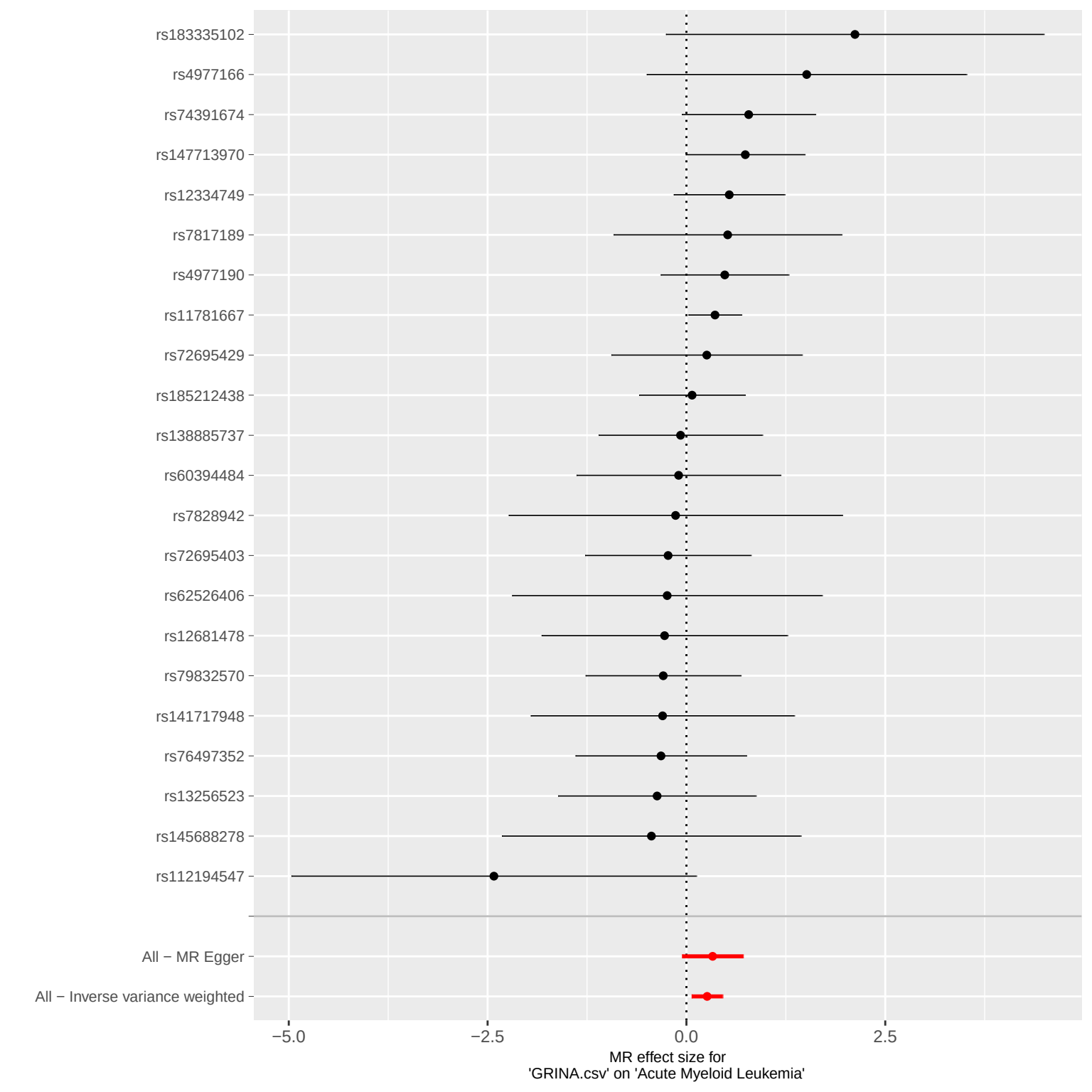
−2.5
0.0
2.5
5.0
MR effect size for
'GRAMD1C.csv' on 'Acute Myeloid Leukemia'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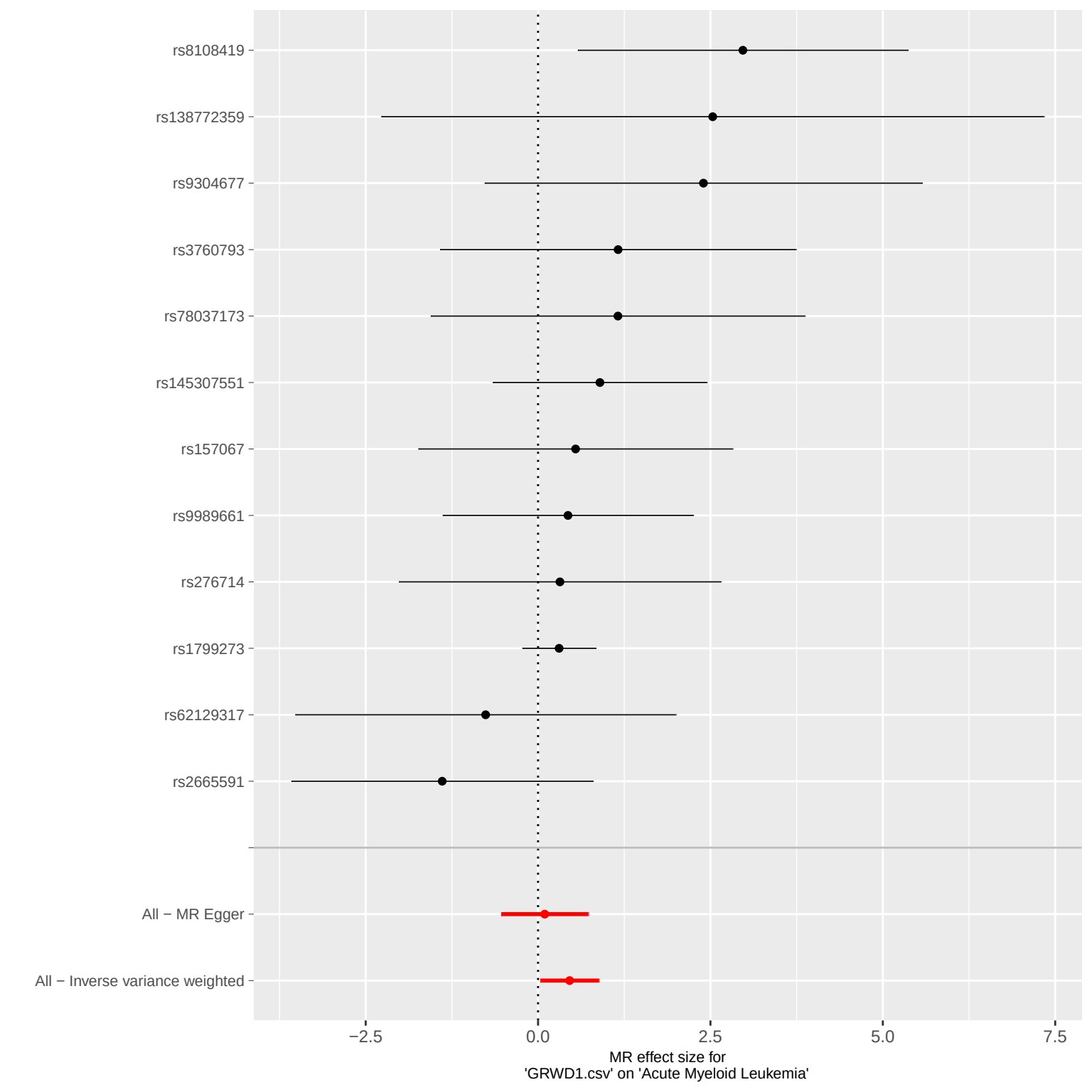
rs72695403
rs62526406
rs12681478
rs79832570
rs141717948
rs76497352
rs13256523
rs145688278
rs112194547
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'GRINA.csv' on 'Acute Myeloid Leukemia'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rs1799273
rs62129317
rs2665591
All − MR Egger
All − Inverse variance weighted
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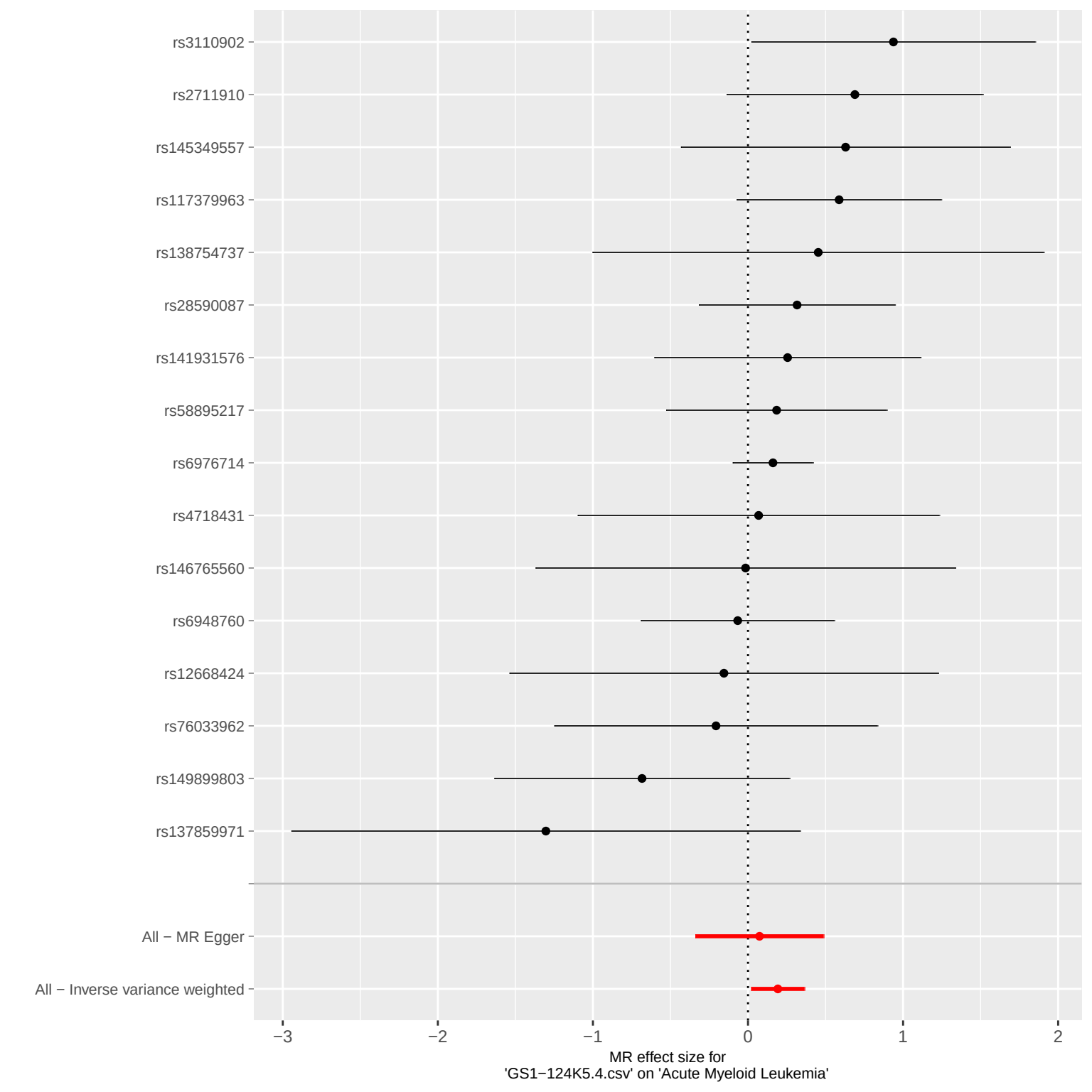
0.0
2.5
5.0
7.5
MR effect size for
'GRWD1.csv' on 'Acute Myeloid Leukemia'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rs6948760
rs12668424
rs76033962
rs149899803
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All − MR Egger
All − Inverse variance weighted
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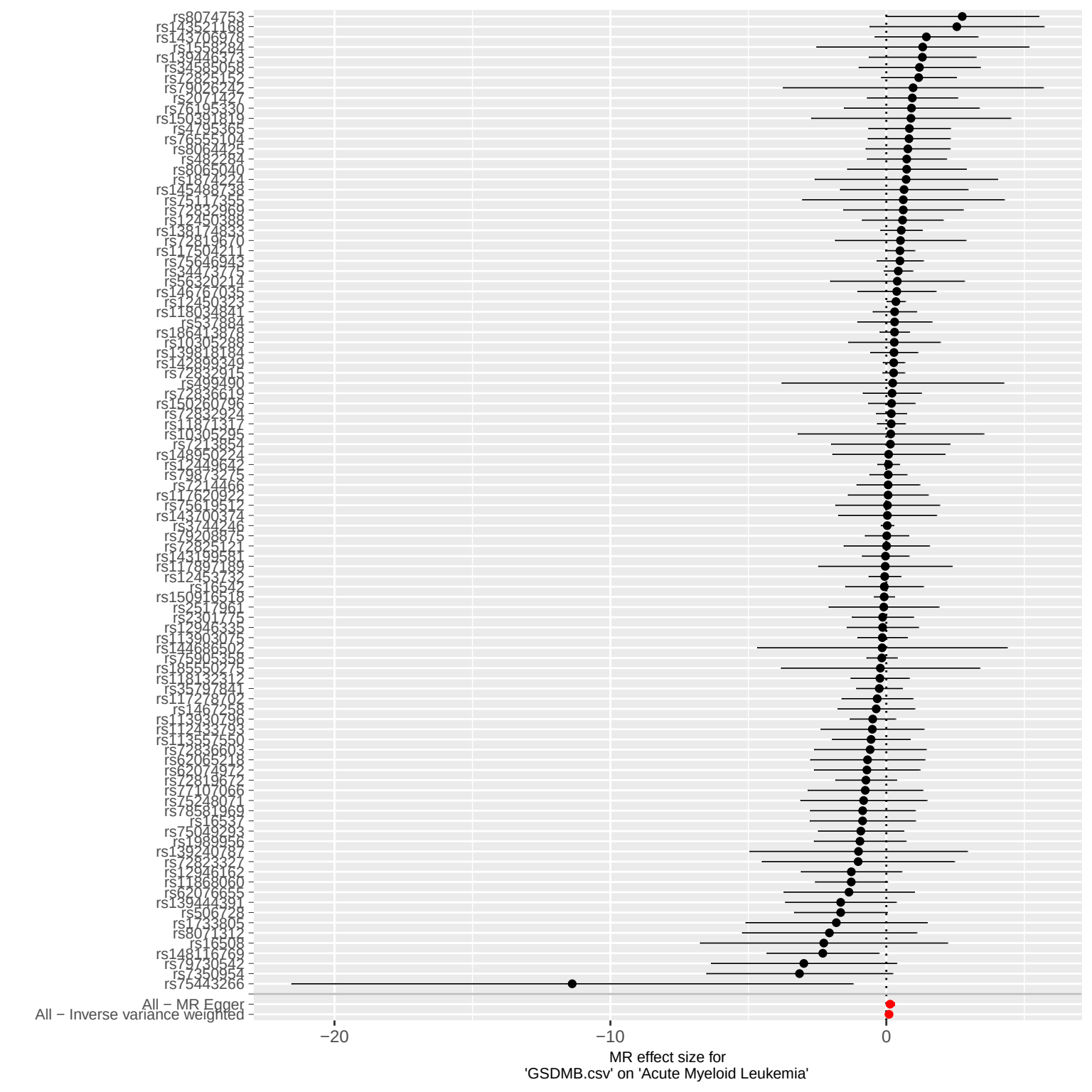
−2
−1
0
1
2
MR effect size for
'GS1−124K5.4.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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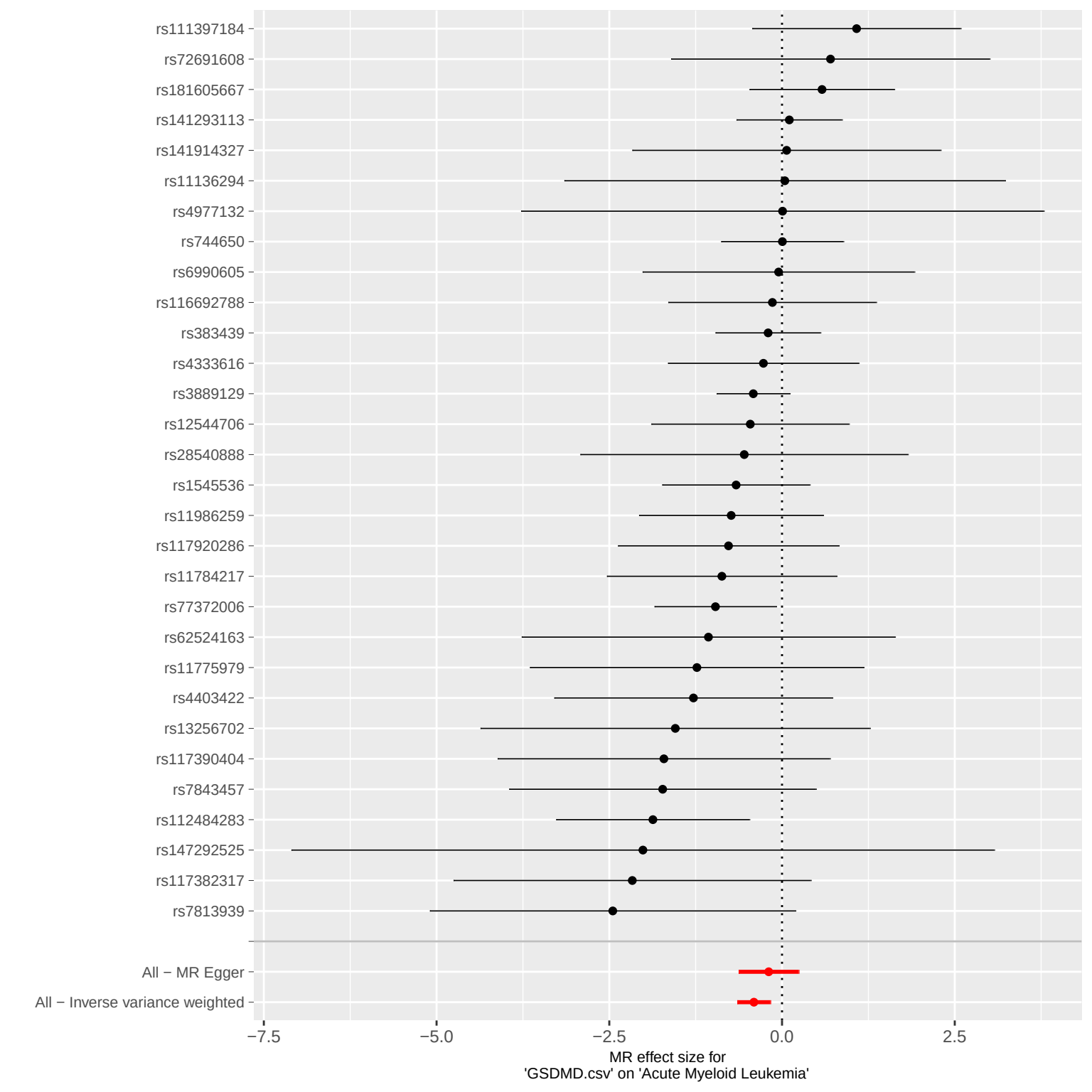
MR effect size for
'GSDMB.csv' on 'Acute Myeloid Leukemia'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rs3889129
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rs62524163
rs11775979
rs4403422
rs13256702
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rs147292525
rs117382317
rs7813939
All − MR Egger
All − Inverse variance weighted
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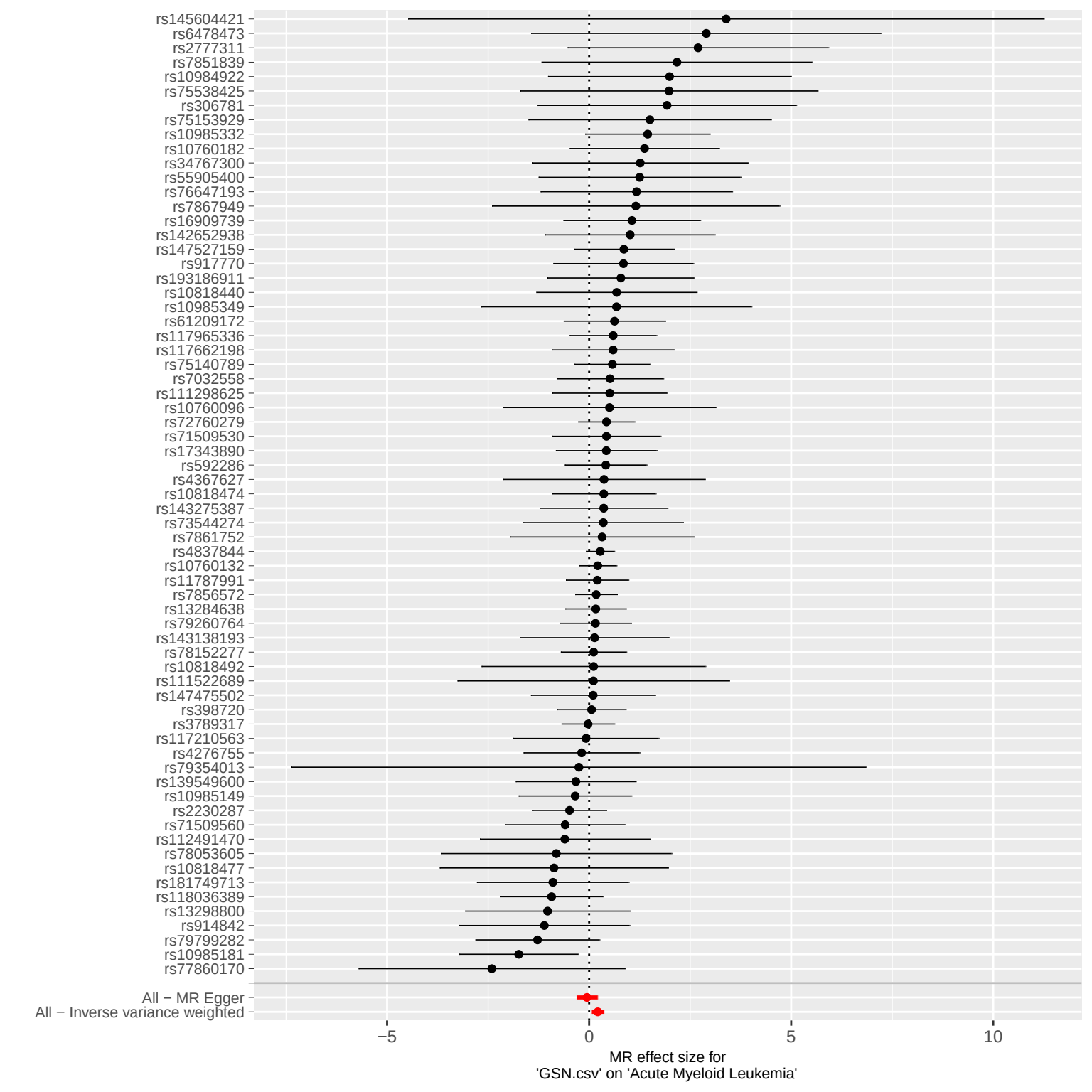
−2.5
0.0
2.5
MR effect size for
'GSDMD.csv' on 'Acute Myeloid Leukemia'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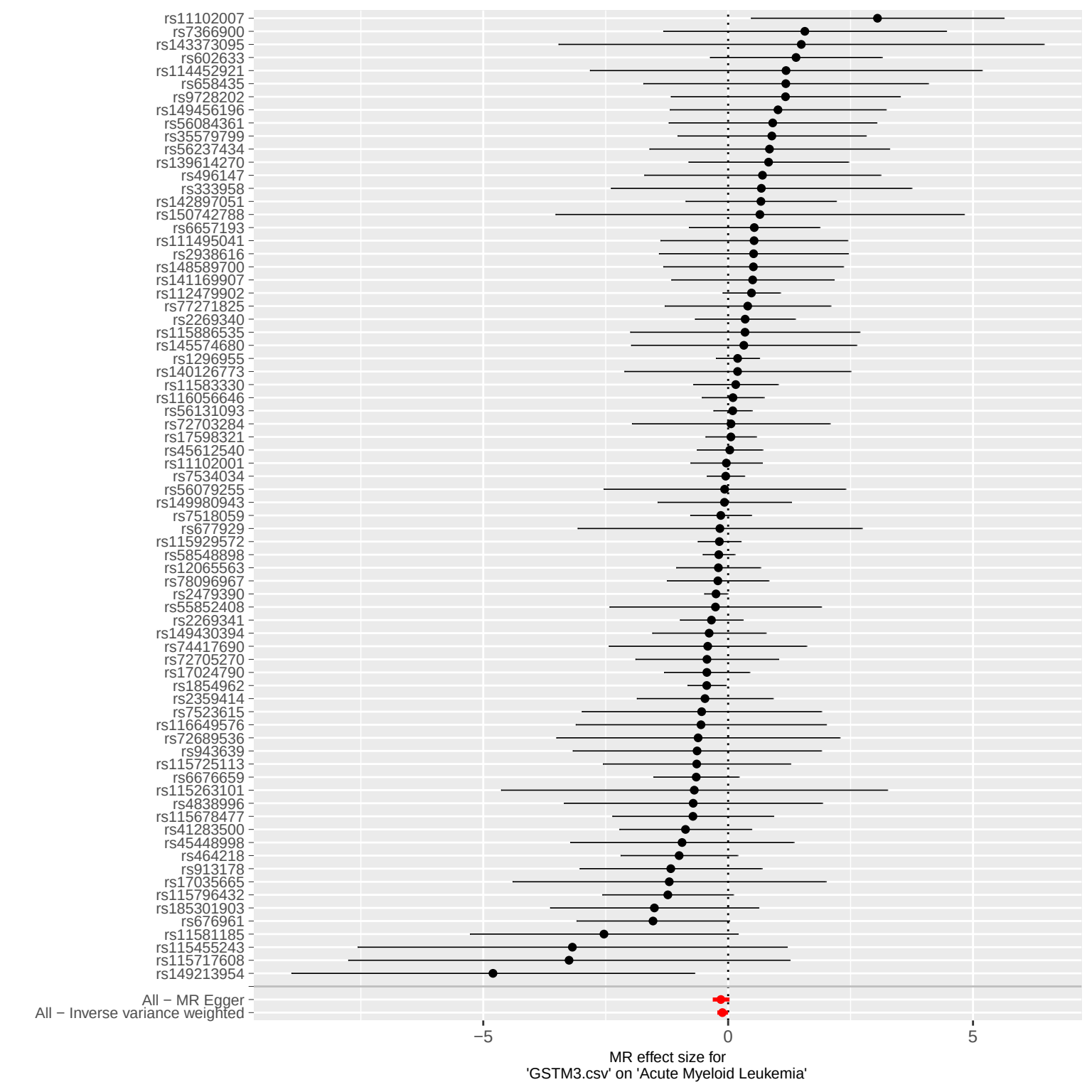
rs71509560
rs112491470
rs78053605
rs10818477
rs181749713
rs118036389
rs13298800
rs914842
rs79799282
rs10985181
rs77860170
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GSN.csv' on 'Acute Myeloid Leukemia'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rs676961
rs11581185
rs115455243
rs115717608
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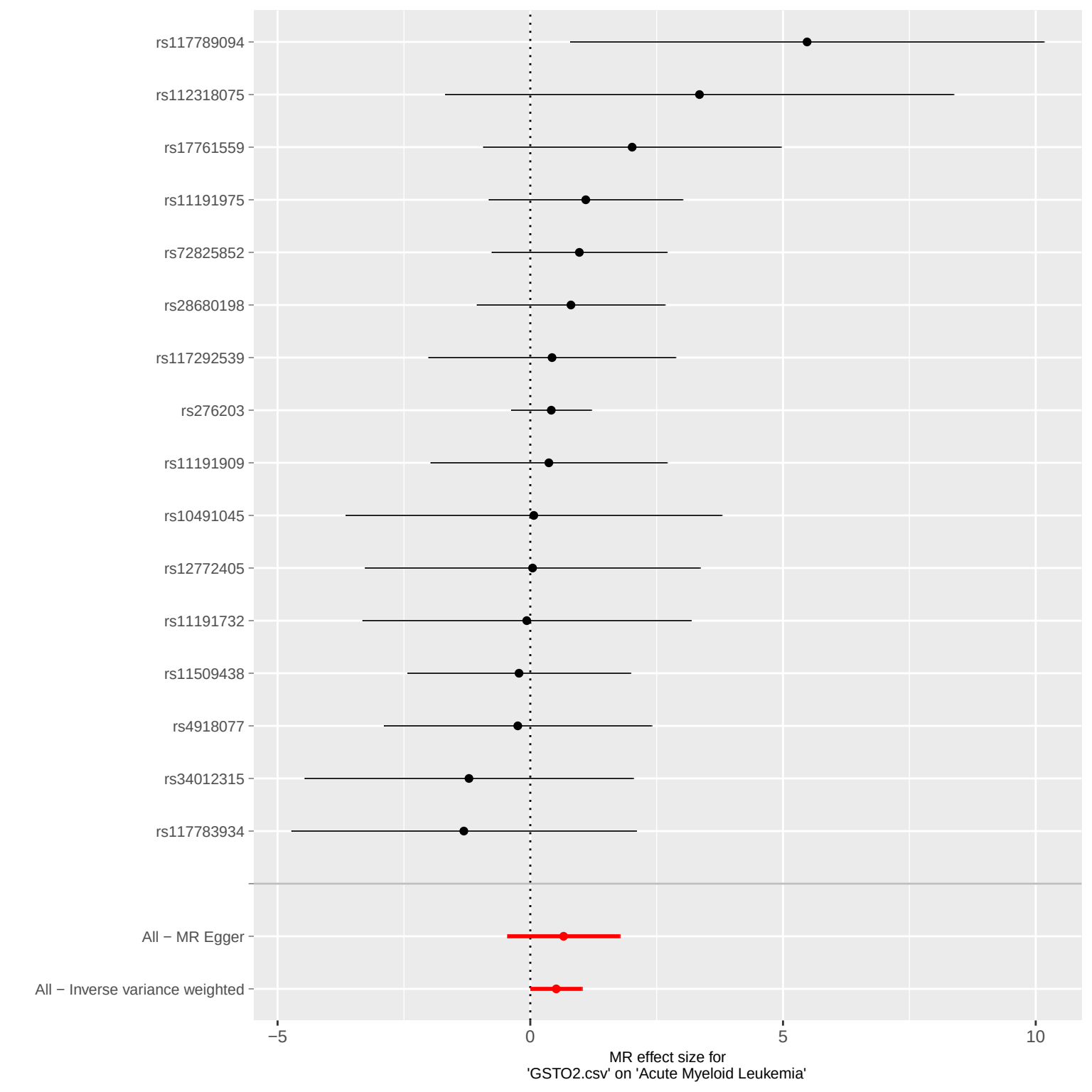
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'GSTM3.csv' on 'Acute Myeloid Leukemia'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rs12772405
rs11191732
rs11509438
rs4918077
rs34012315
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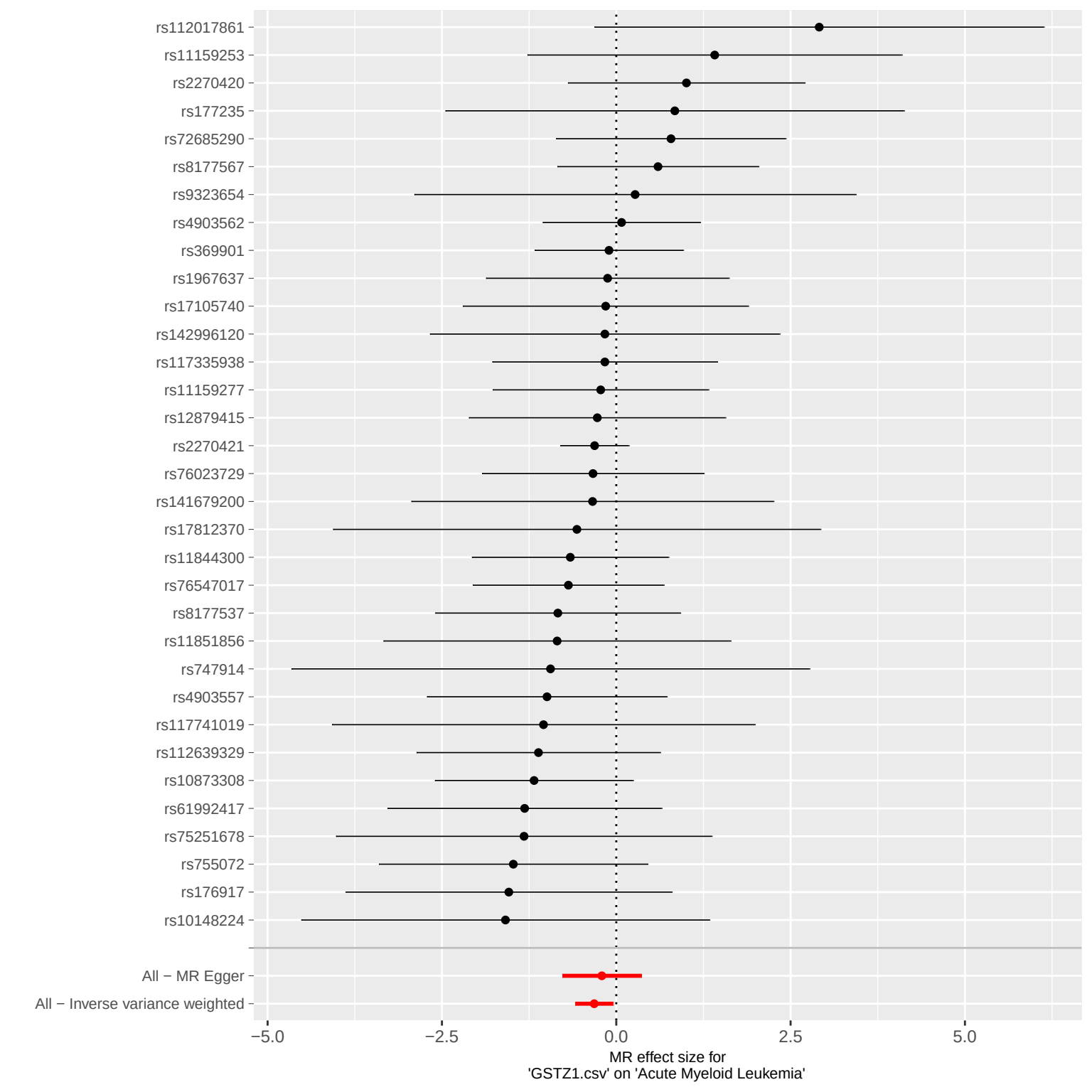
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'GSTO2.csv' on 'Acute Myeloid Leukemia'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rs4903557
rs117741019
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rs10873308
rs61992417
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rs755072
rs176917
rs10148224
All − MR Egger
All − Inverse variance weighted
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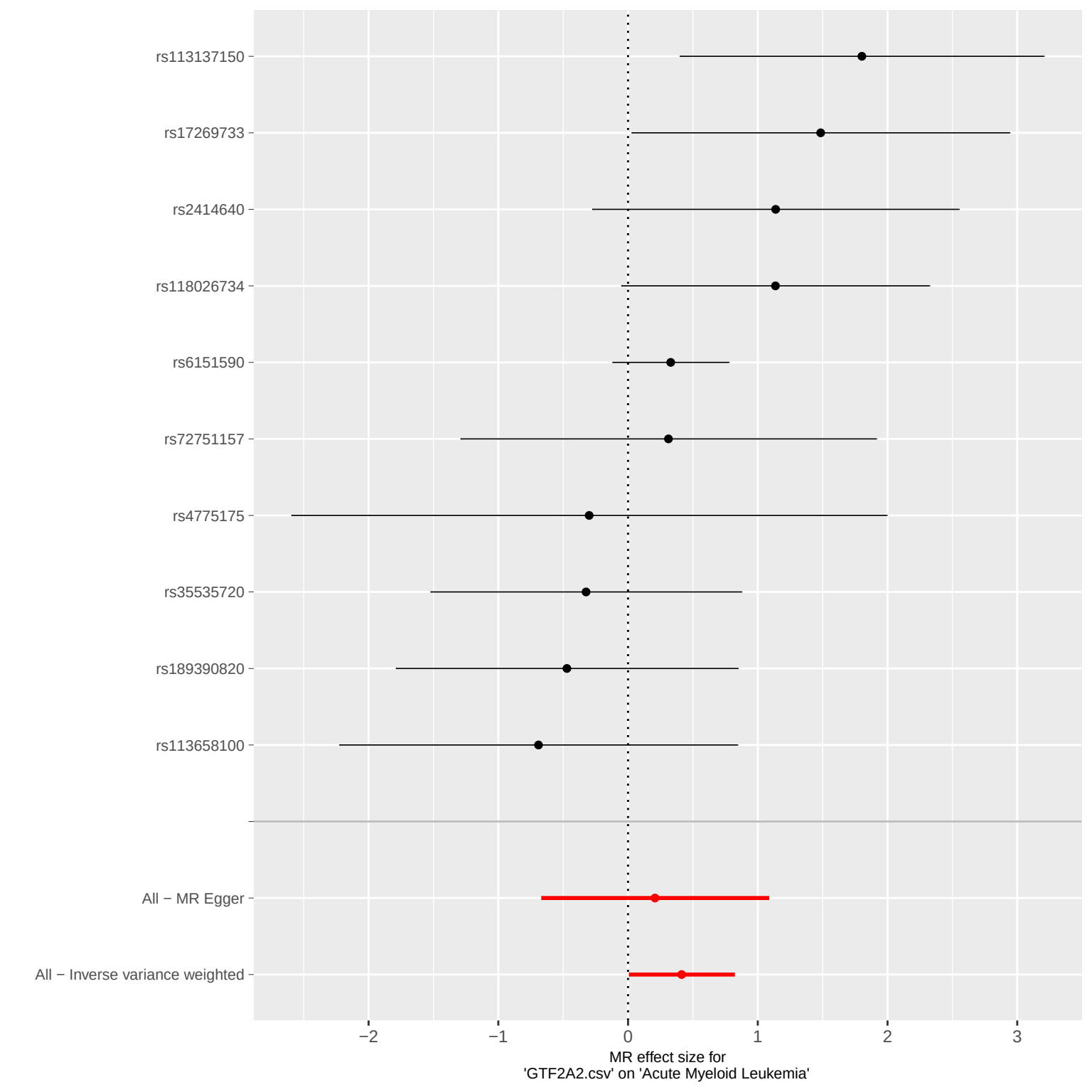
−2.5
0.0
2.5
5.0
MR effect size for
'GSTZ1.csv' on 'Acute Myeloid Leukemia'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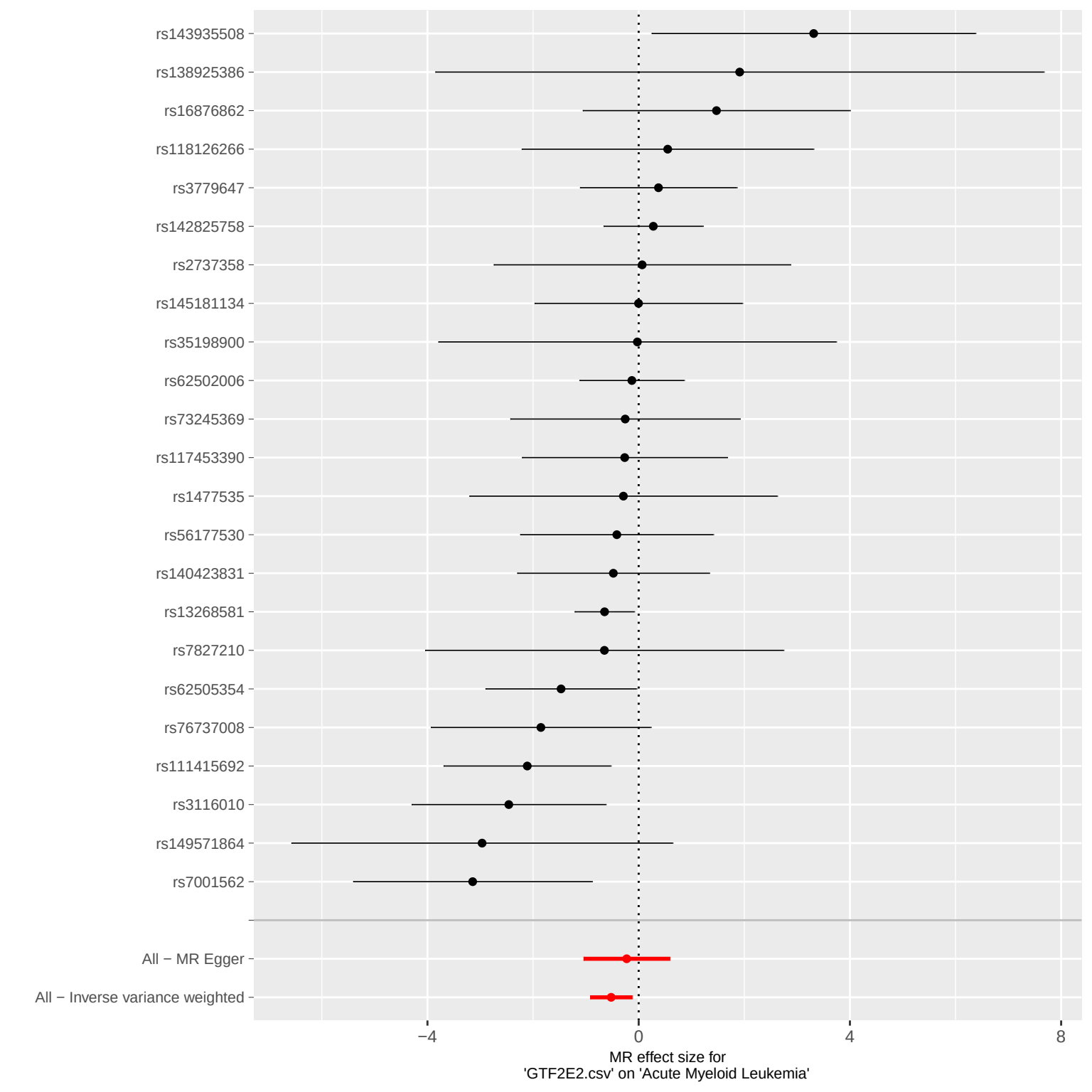
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'GTF2A2.csv' on 'Acute Myeloid Leukemia'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rs62505354
rs76737008
rs111415692
rs3116010
rs149571864
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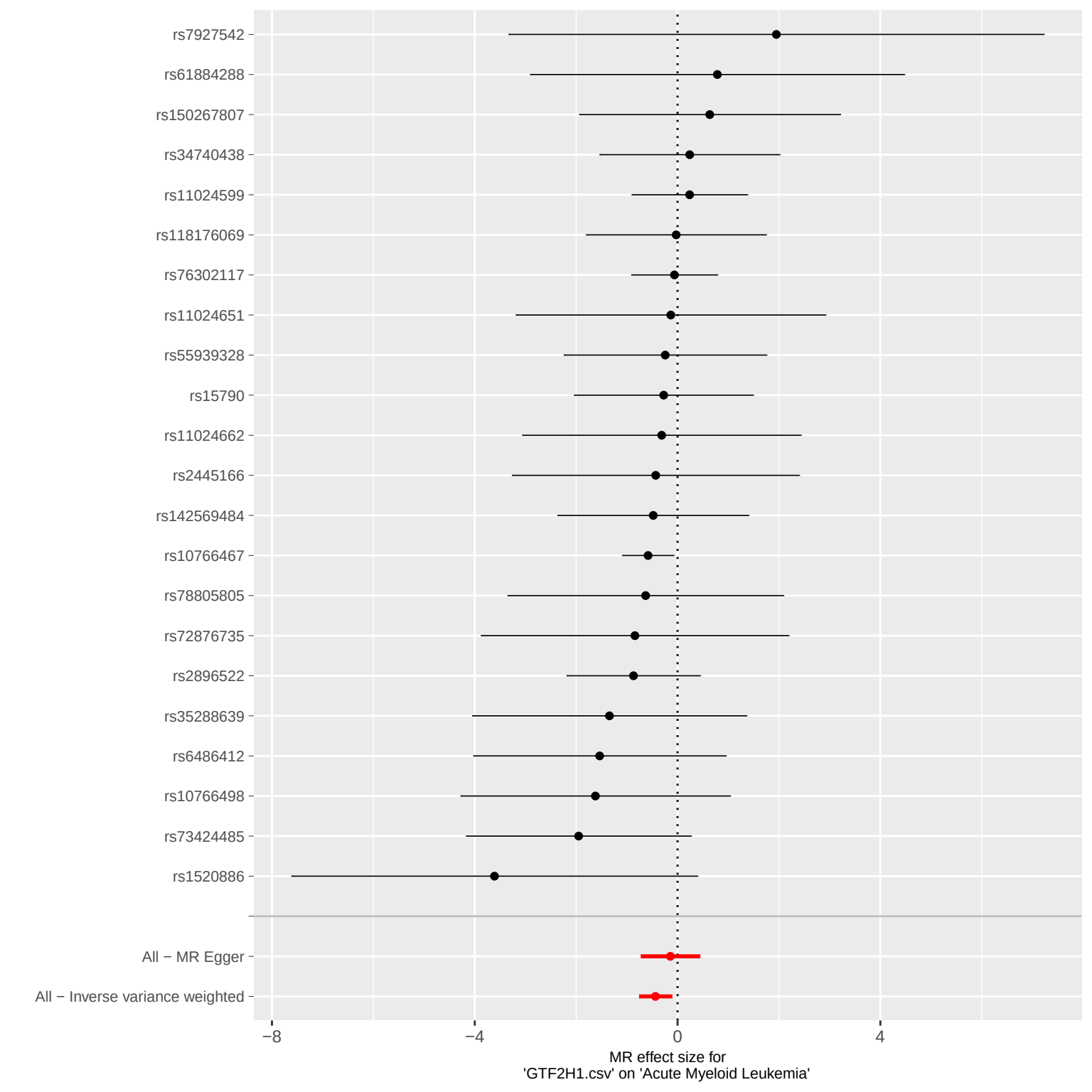
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'GTF2E2.csv' on 'Acute Myeloid Leukemia'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rs78805805
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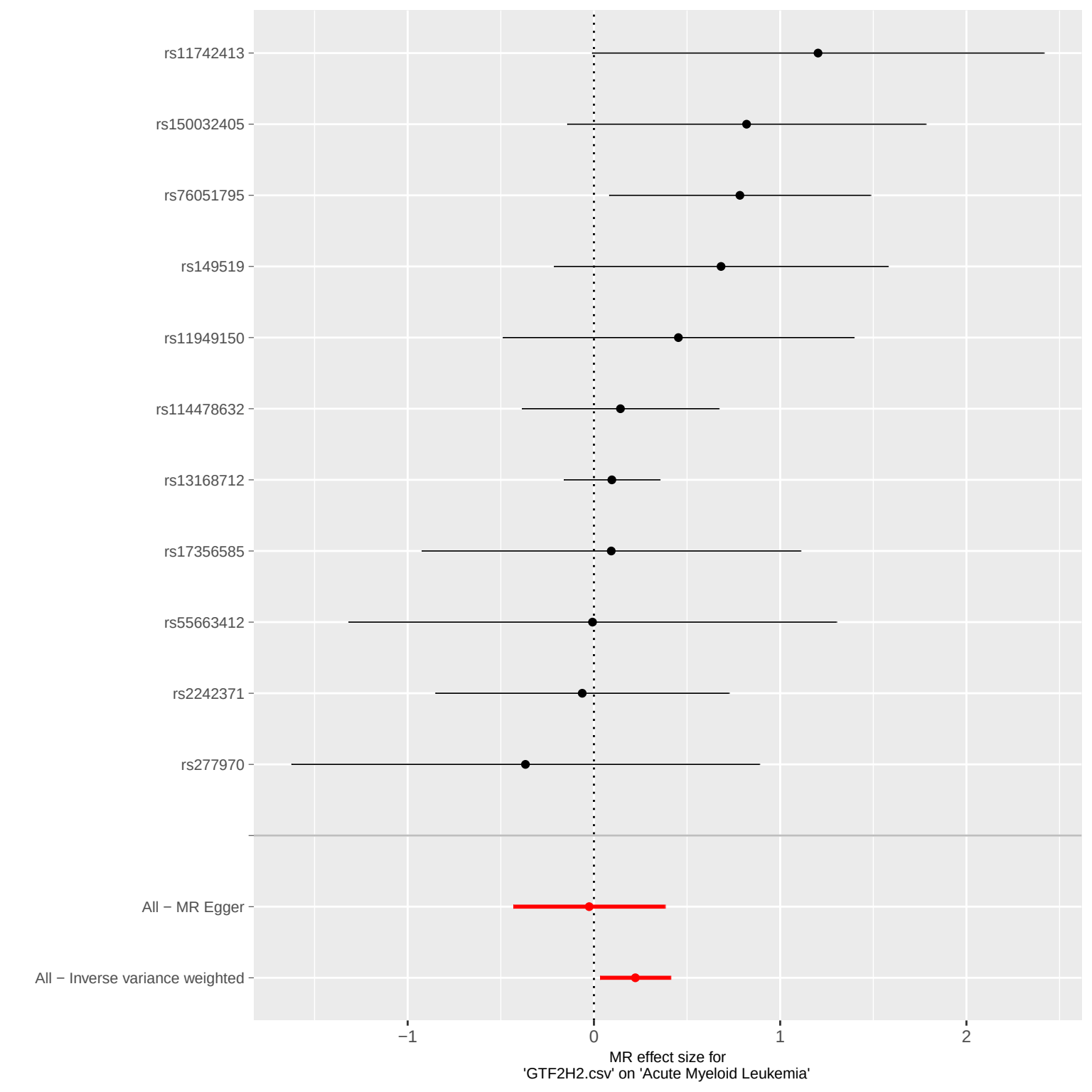
rs2896522
rs35288639
rs6486412
rs10766498
rs73424485
rs1520886
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'GTF2H1.csv' on 'Acute Myeloid Leukemia'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rs2242371
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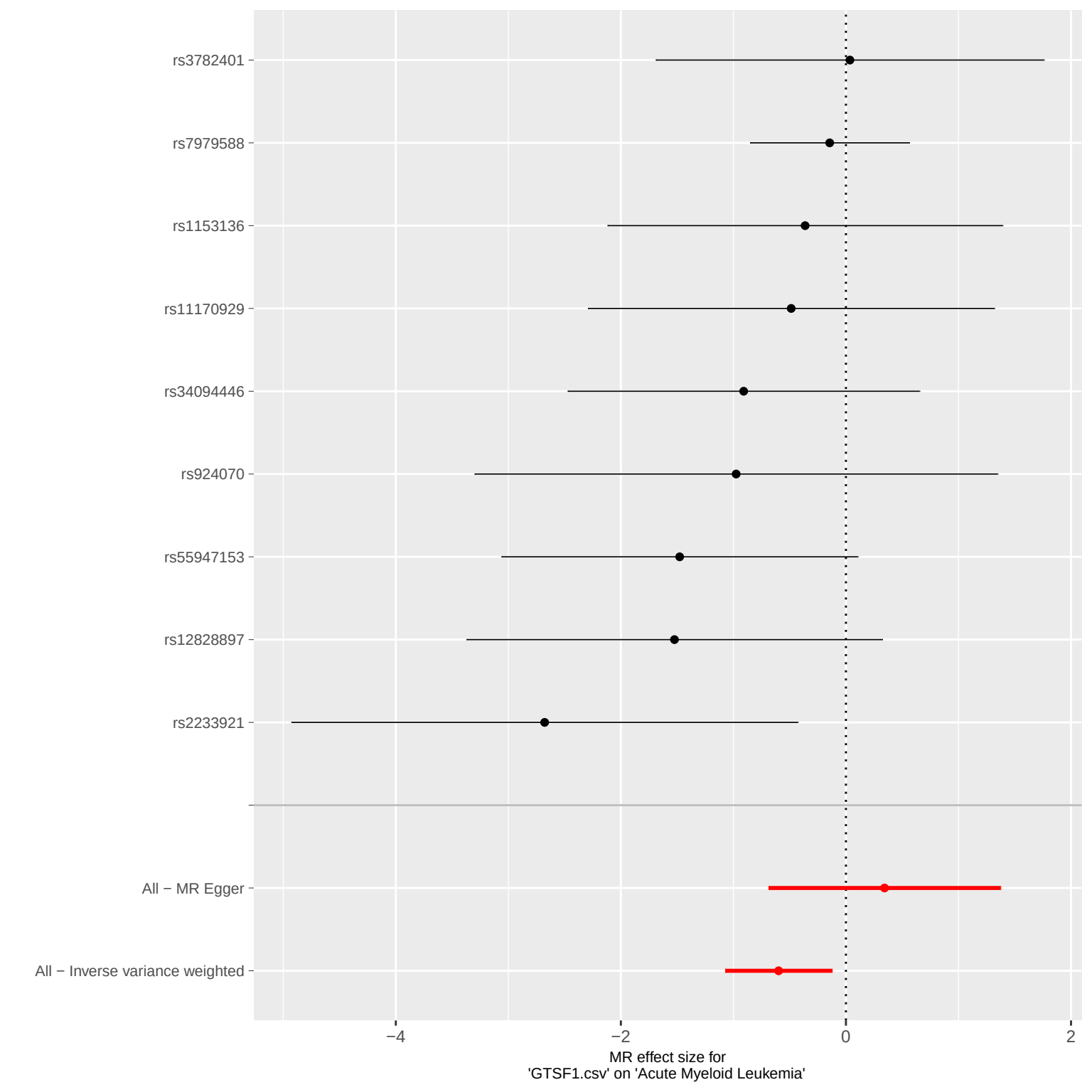
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'GTF2H2.csv' on 'Acute Myeloid Leukemia'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rs55947153
rs12828897
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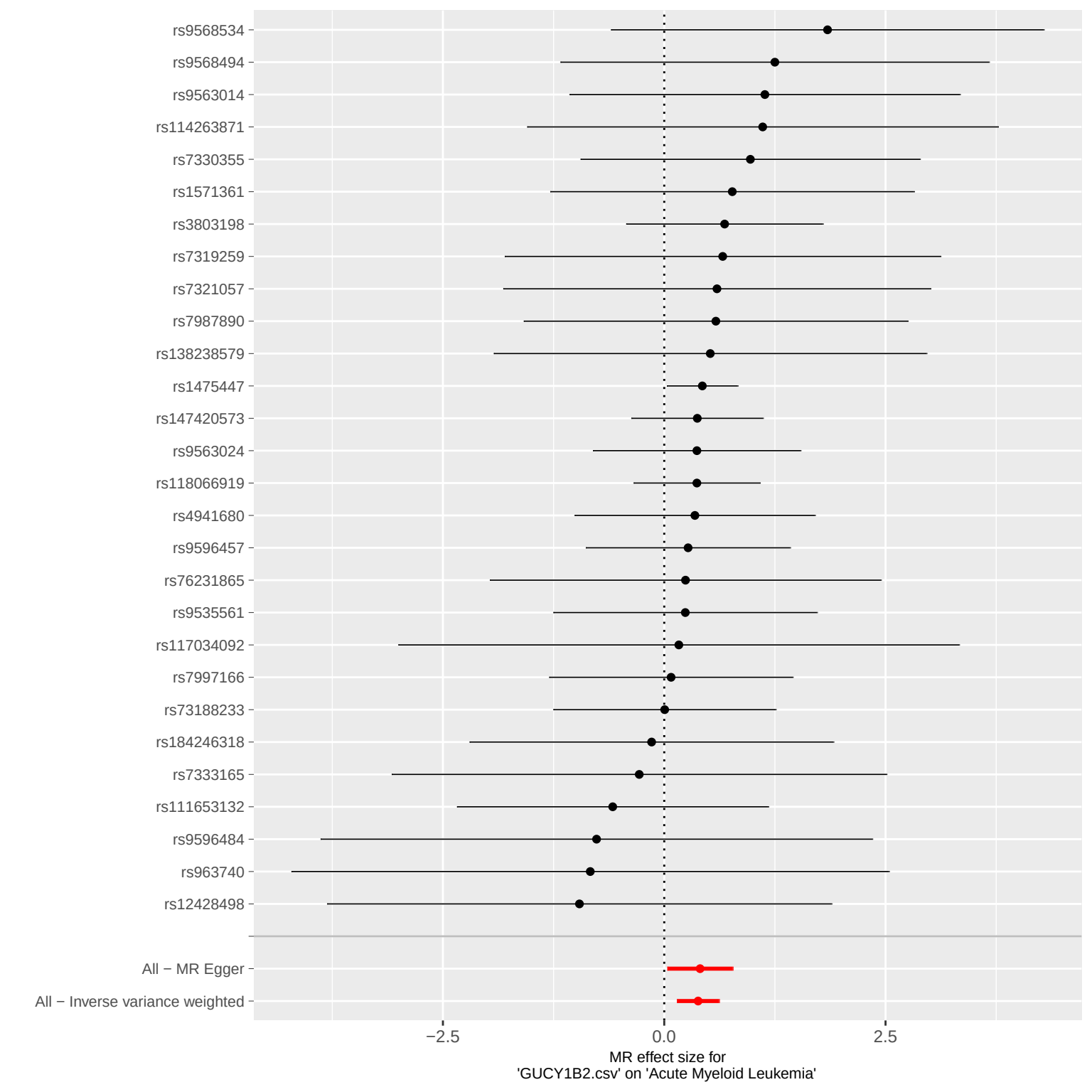
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GTSF1.csv' on 'Acute Myeloid Leukemia'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rs117034092
rs7997166
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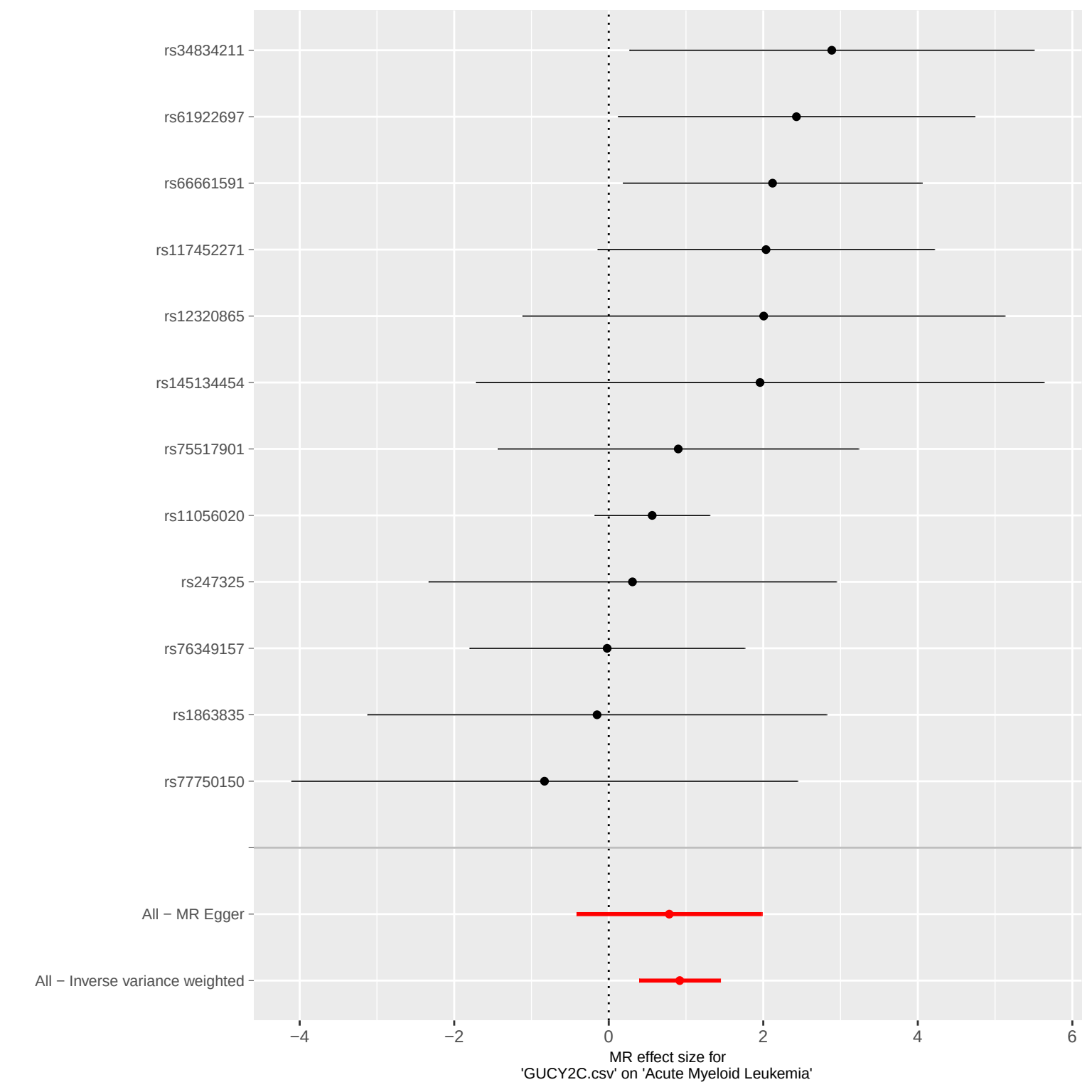
rs184246318
rs7333165
rs111653132
rs9596484
rs963740
rs12428498
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'GUCY1B2.csv' on 'Acute Myeloid Leukemia'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rs12320865
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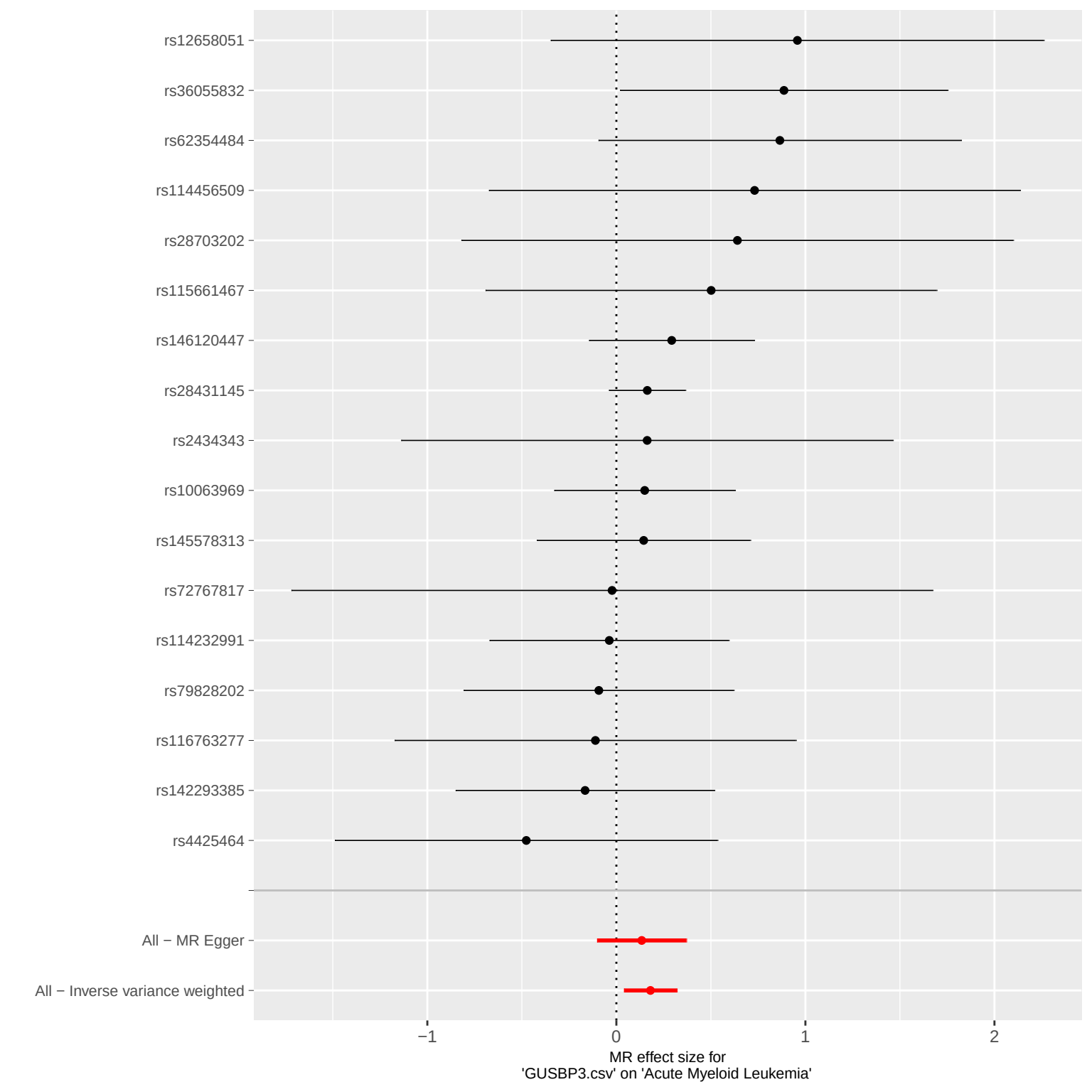
rs11056020
rs247325
rs76349157
rs1863835
rs77750150
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'GUCY2C.csv' on 'Acute Myeloid Leukemia'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rs114232991
rs79828202
rs116763277
rs142293385
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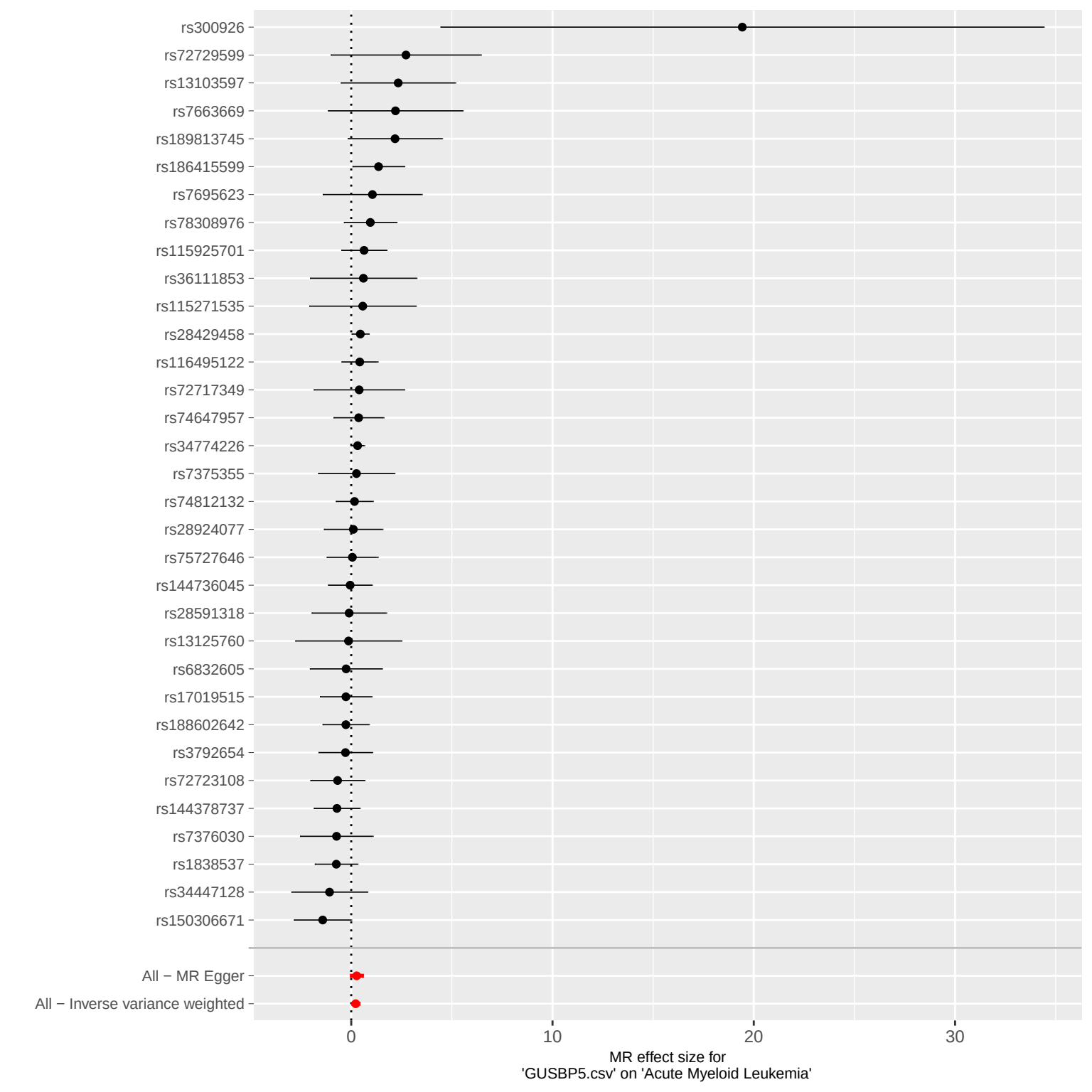
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'GUSBP3.csv' on 'Acute Myeloid Leukemia'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rs3792654
rs72723108
rs144378737
rs7376030
rs1838537
rs34447128
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All − MR Egger
All − Inverse variance weighted
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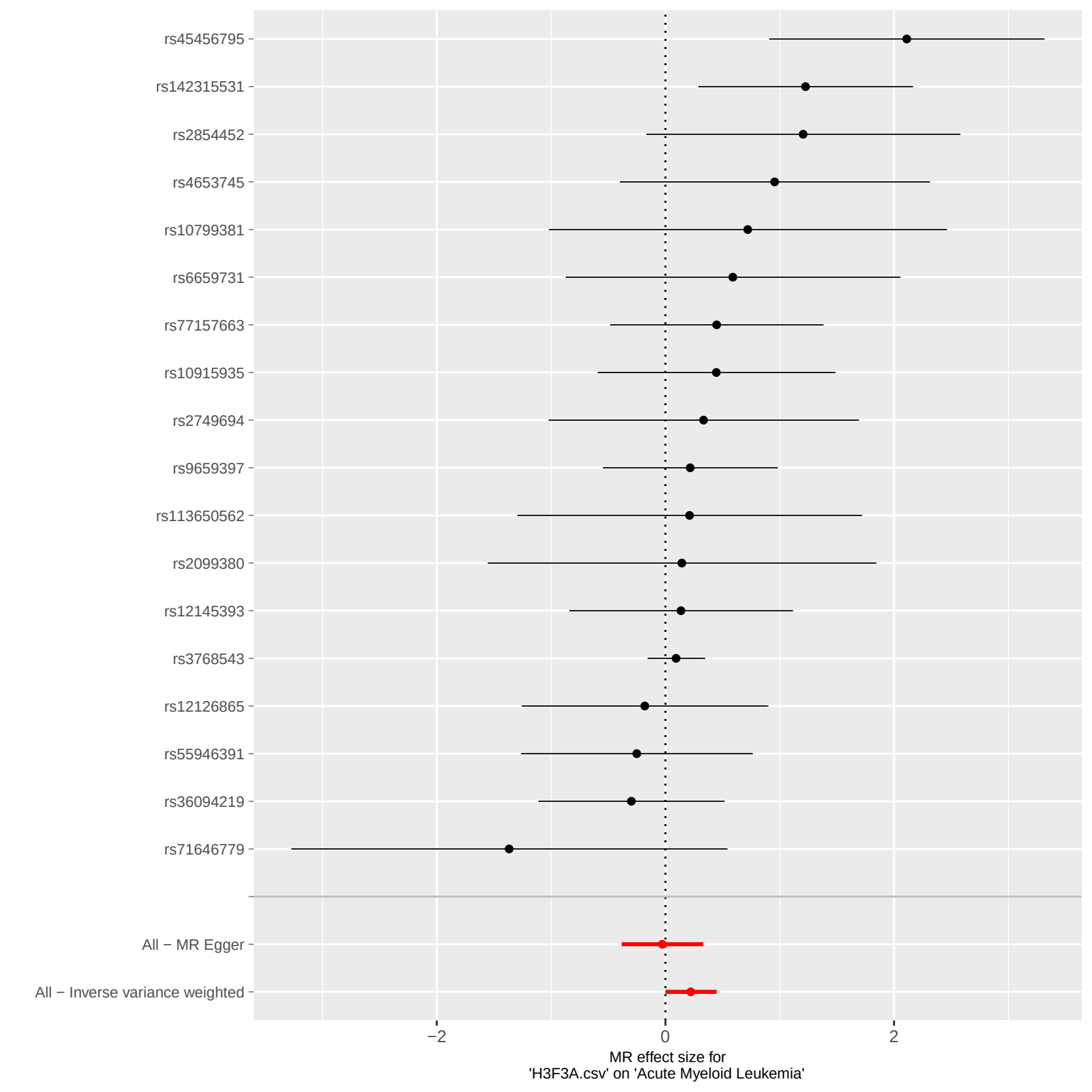
10
20
30
MR effect size for
'GUSBP5.csv' on 'Acute Myeloid Leukemia'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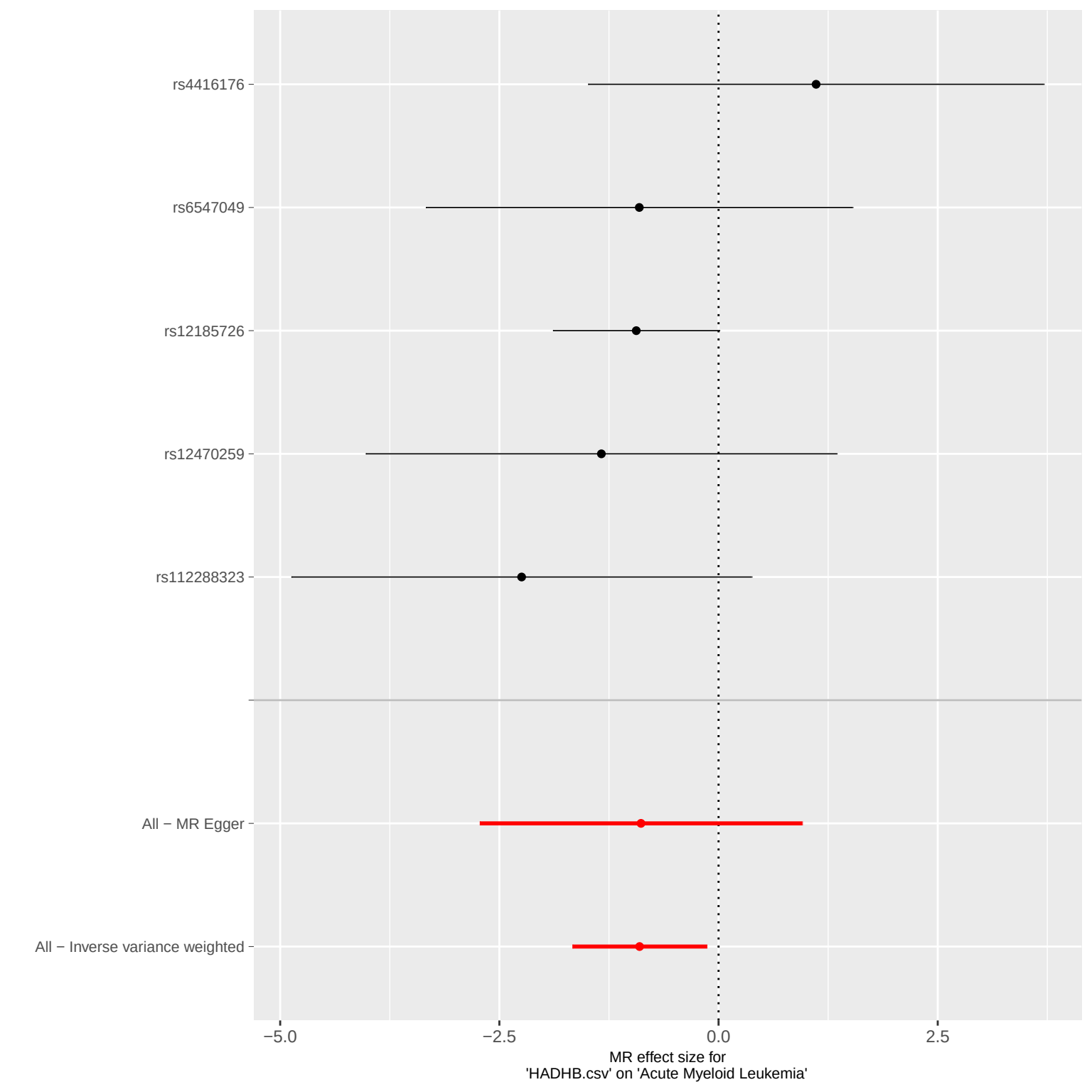
rs9659397
rs113650562
rs2099380
rs12145393
rs3768543
rs12126865
rs55946391
rs36094219
rs71646779
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'H3F3A.csv' on 'Acute Myeloid Leukemia'


rs4416176
rs6547049
rs12185726
rs12470259
rs112288323
All − MR Egger
All − Inverse variance weighted
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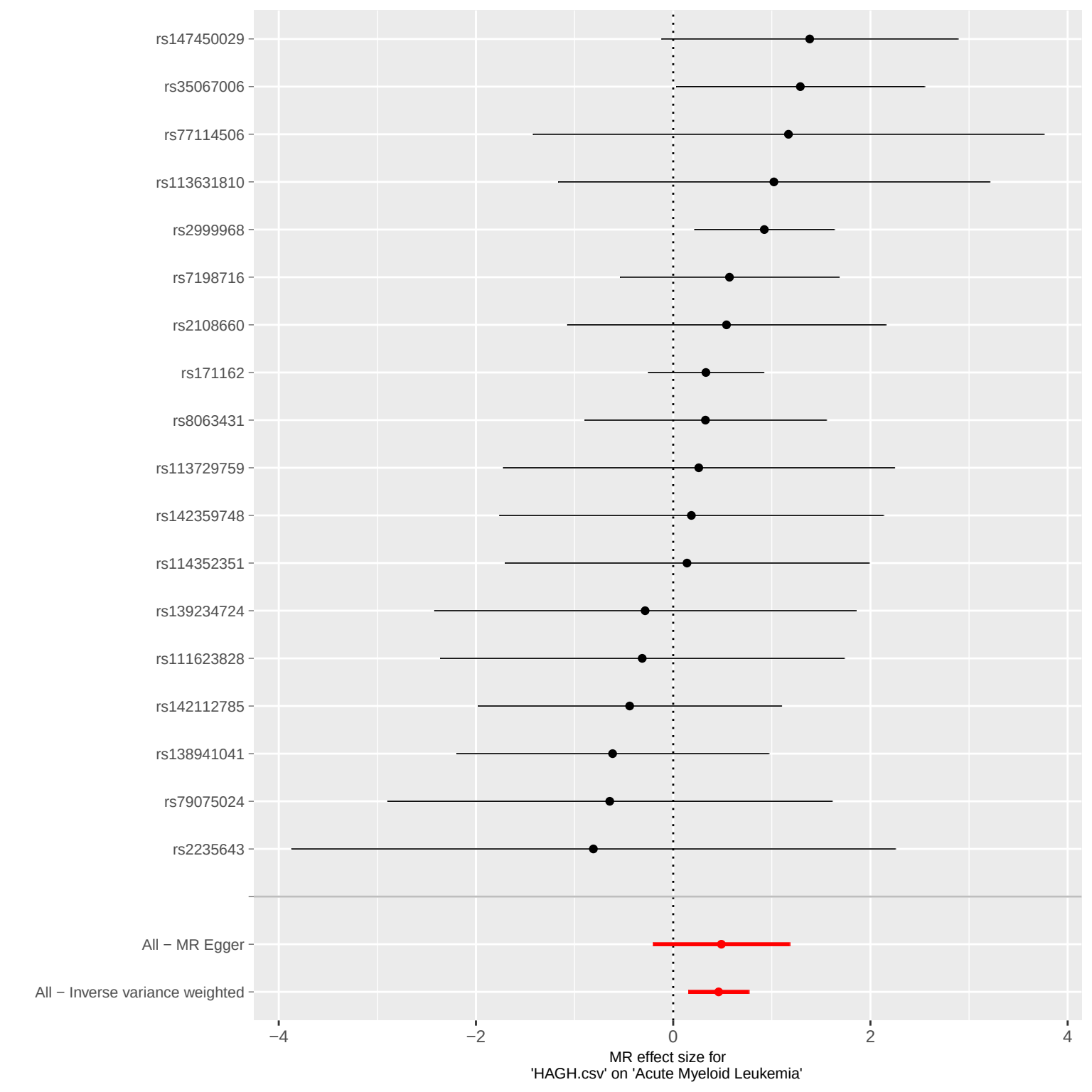
−2.5
0.0
2.5
MR effect size for
'HADHB.csv' on 'Acute Myeloid Leukemia'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rs142359748
rs114352351
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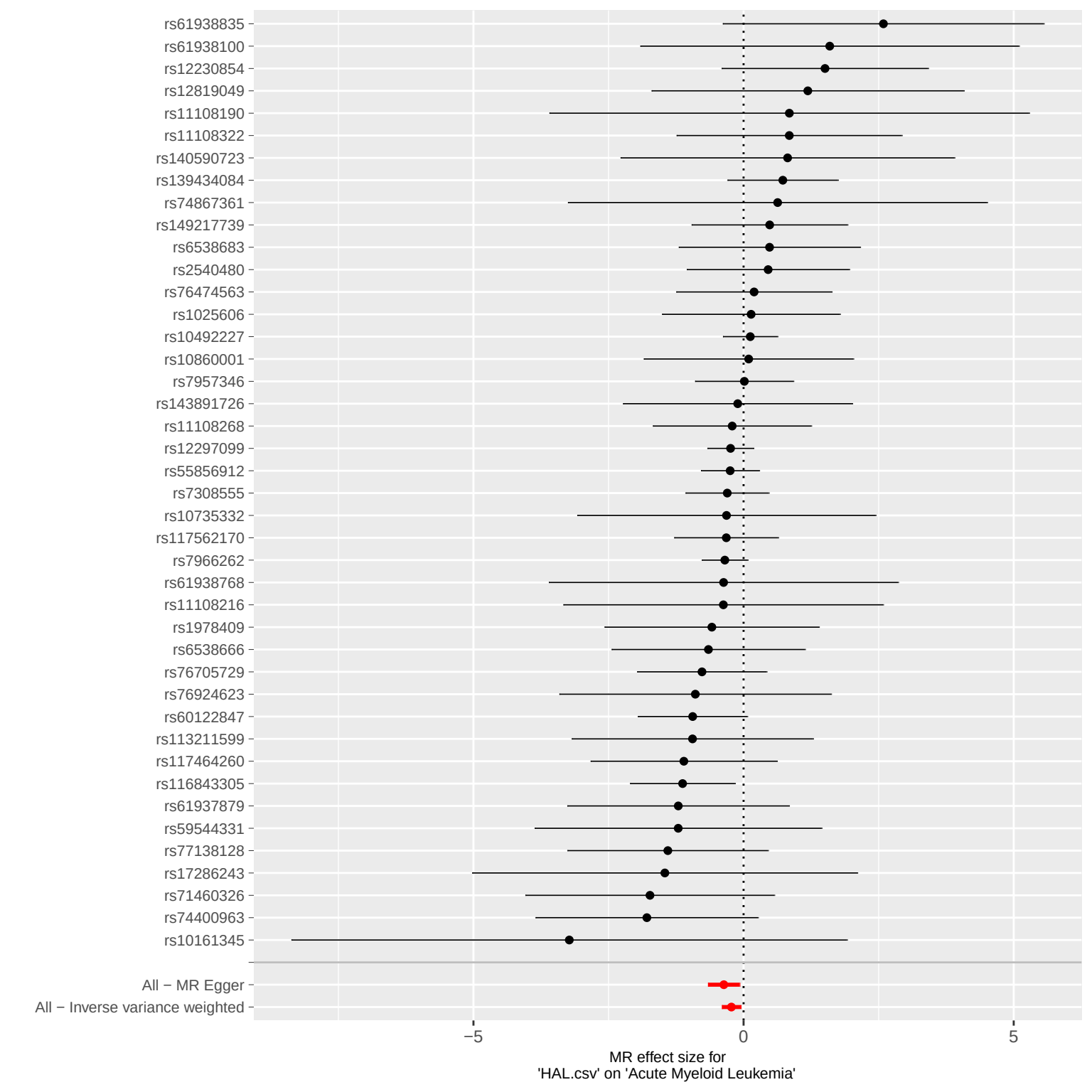
rs111623828
rs142112785
rs138941041
rs79075024
rs2235643
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'HAGH.csv' on 'Acute Myeloid Leukemia'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rs10492227
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rs7957346
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rs12297099
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rs7308555
rs10735332
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rs61938768
rs11108216
rs1978409
rs6538666
rs76705729
rs76924623
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rs113211599
rs117464260
rs116843305
rs61937879
rs59544331
rs77138128
rs17286243
rs71460326
rs74400963
rs10161345
All − MR Egger
All − Inverse variance weighted
−5
0
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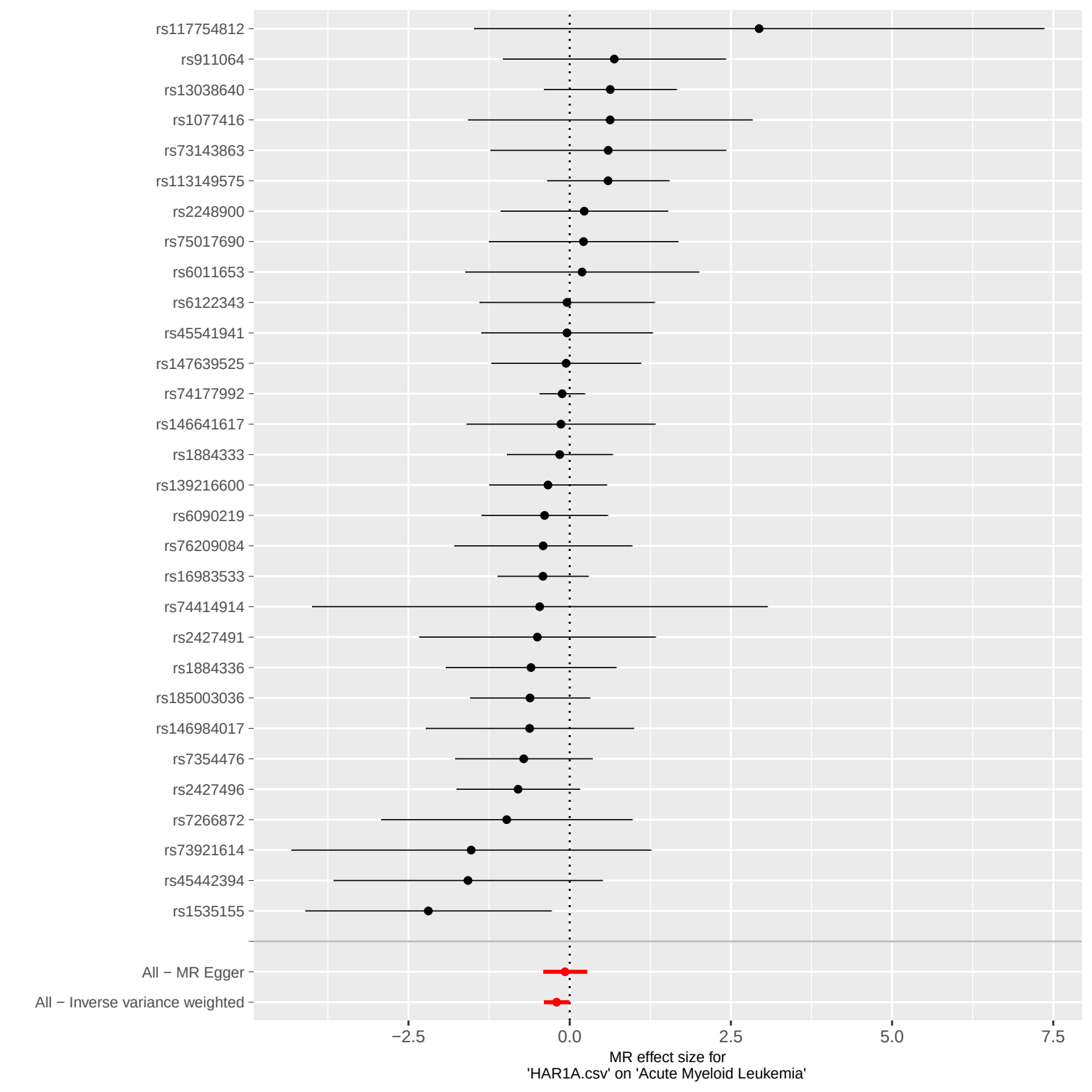
MR effect size for
'HAL.csv' on 'Acute Myeloid Leukemia'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rs146641617
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rs139216600
rs6090219
rs76209084
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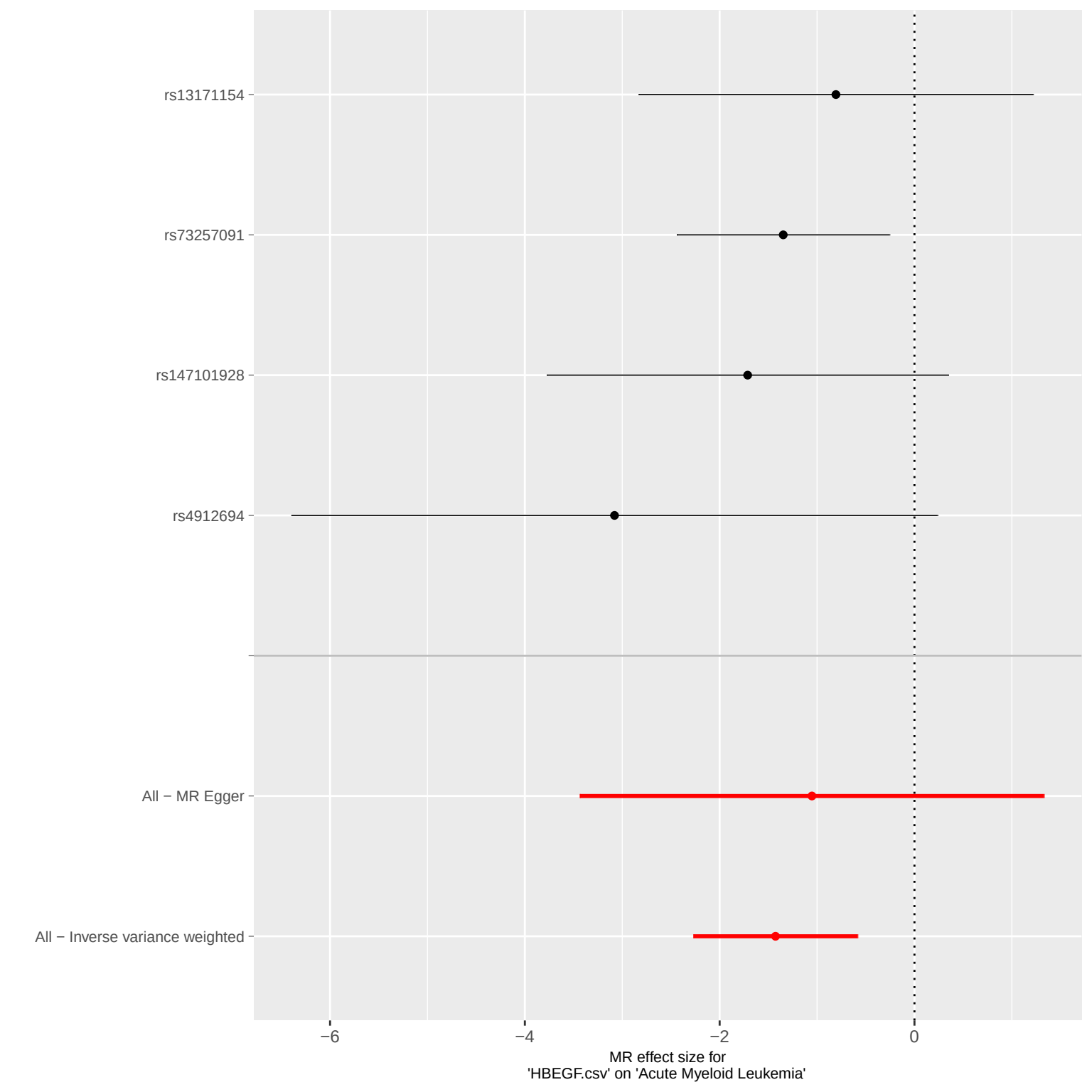
rs74414914
rs2427491
rs1884336
rs185003036
rs146984017
rs7354476
rs2427496
rs7266872
rs73921614
rs45442394
rs1535155
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'HAR1A.csv' on 'Acute Myeloid Leukemia'


rs13171154
rs73257091
rs147101928
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All − MR Egger
All − Inverse variance weighted
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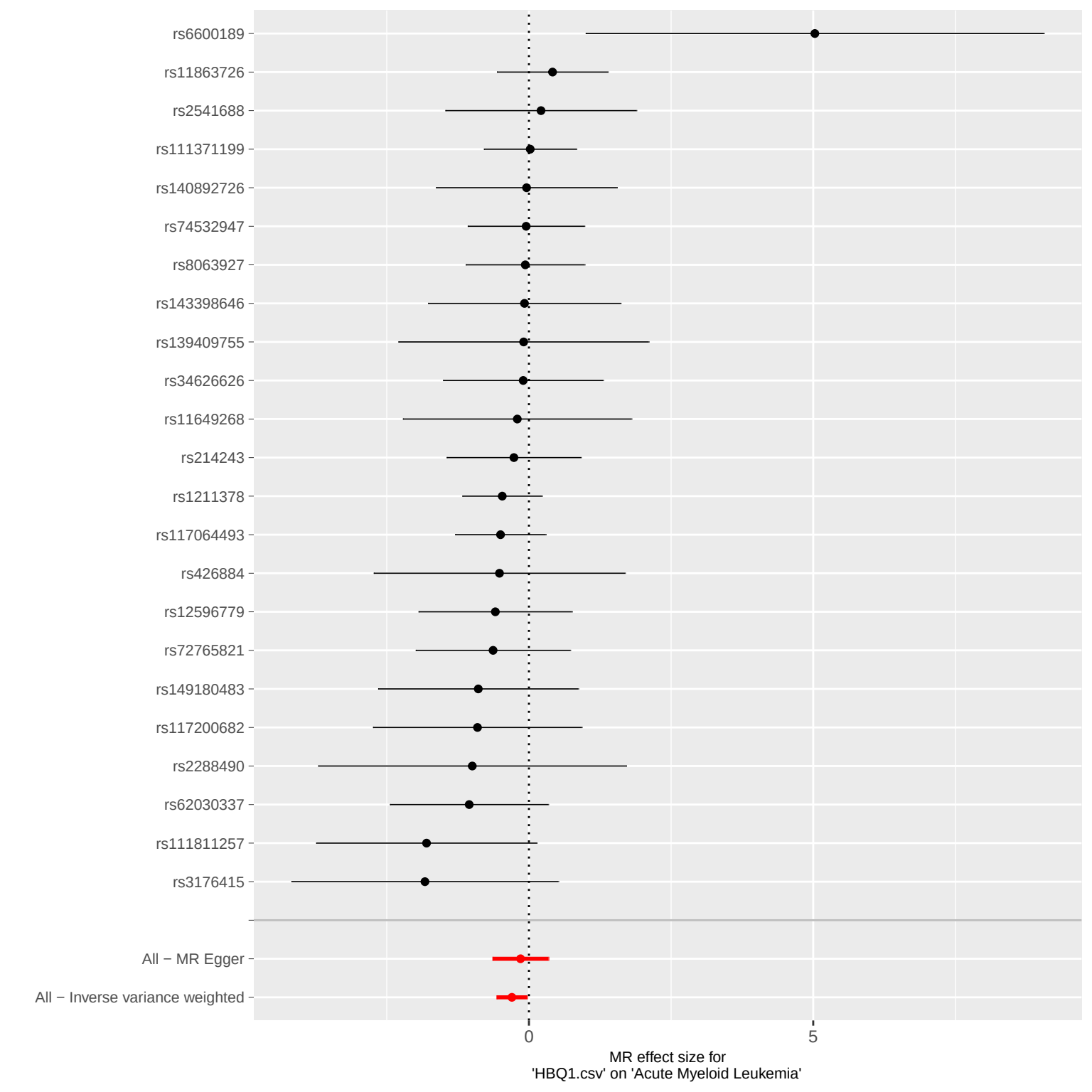
−4
−2
0
MR effect size for
'HBEGF.csv' on 'Acute Myeloid Leukemia'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rs149180483
rs117200682
rs2288490
rs62030337
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All − MR Egger
All − Inverse variance weighted
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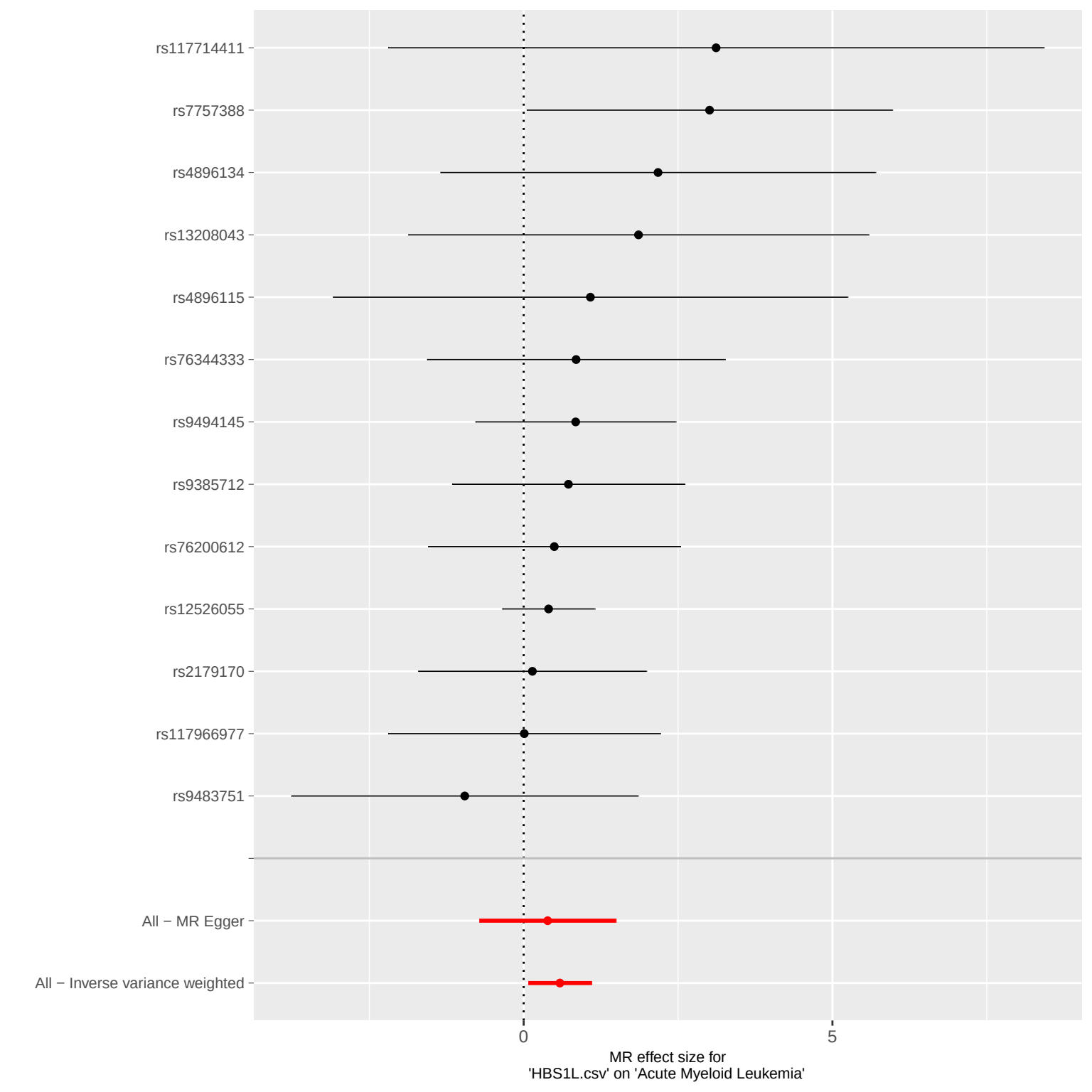
5
MR effect size for
'HBQ1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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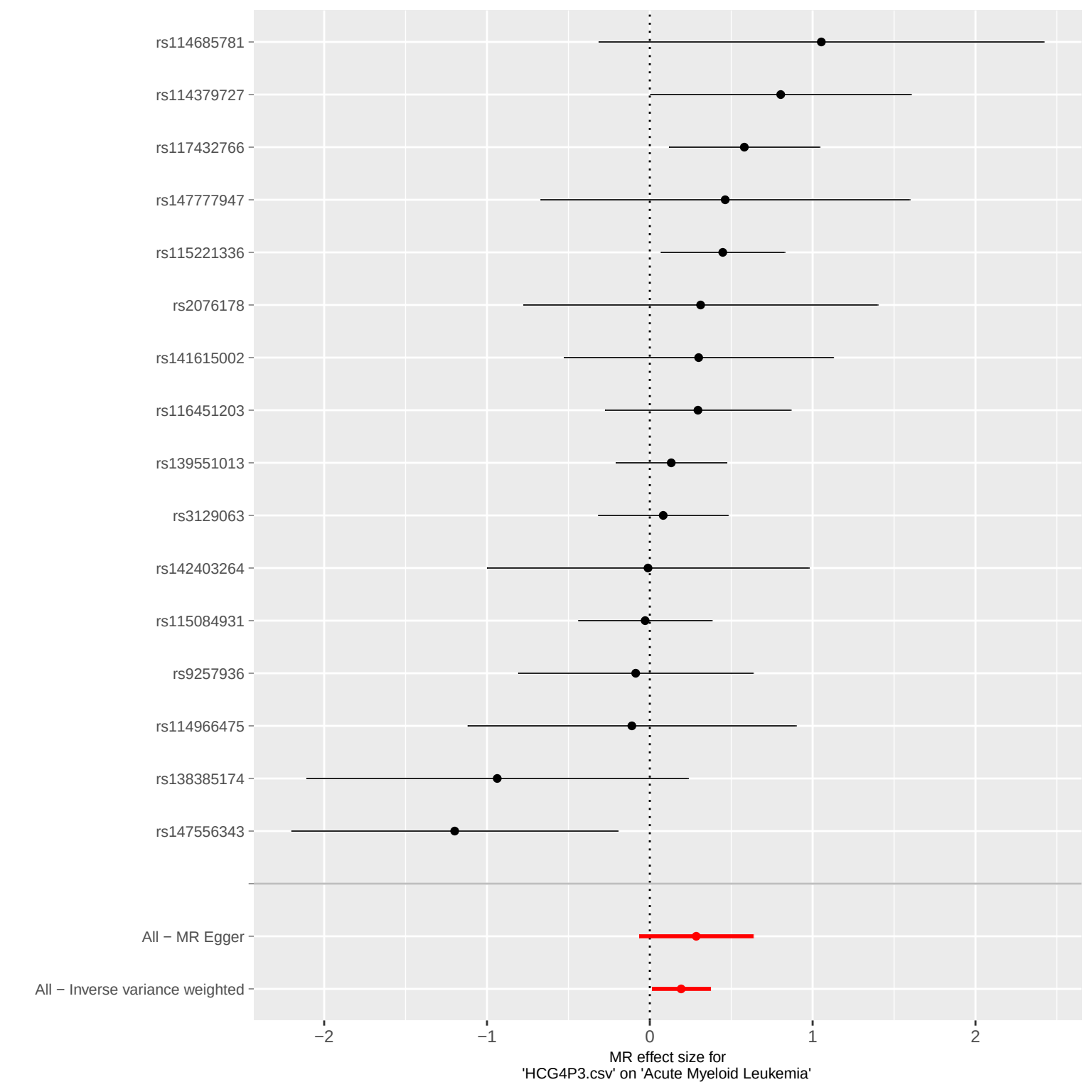
MR effect size for
'HBS1L.csv' on 'Acute Myeloid Leukemia'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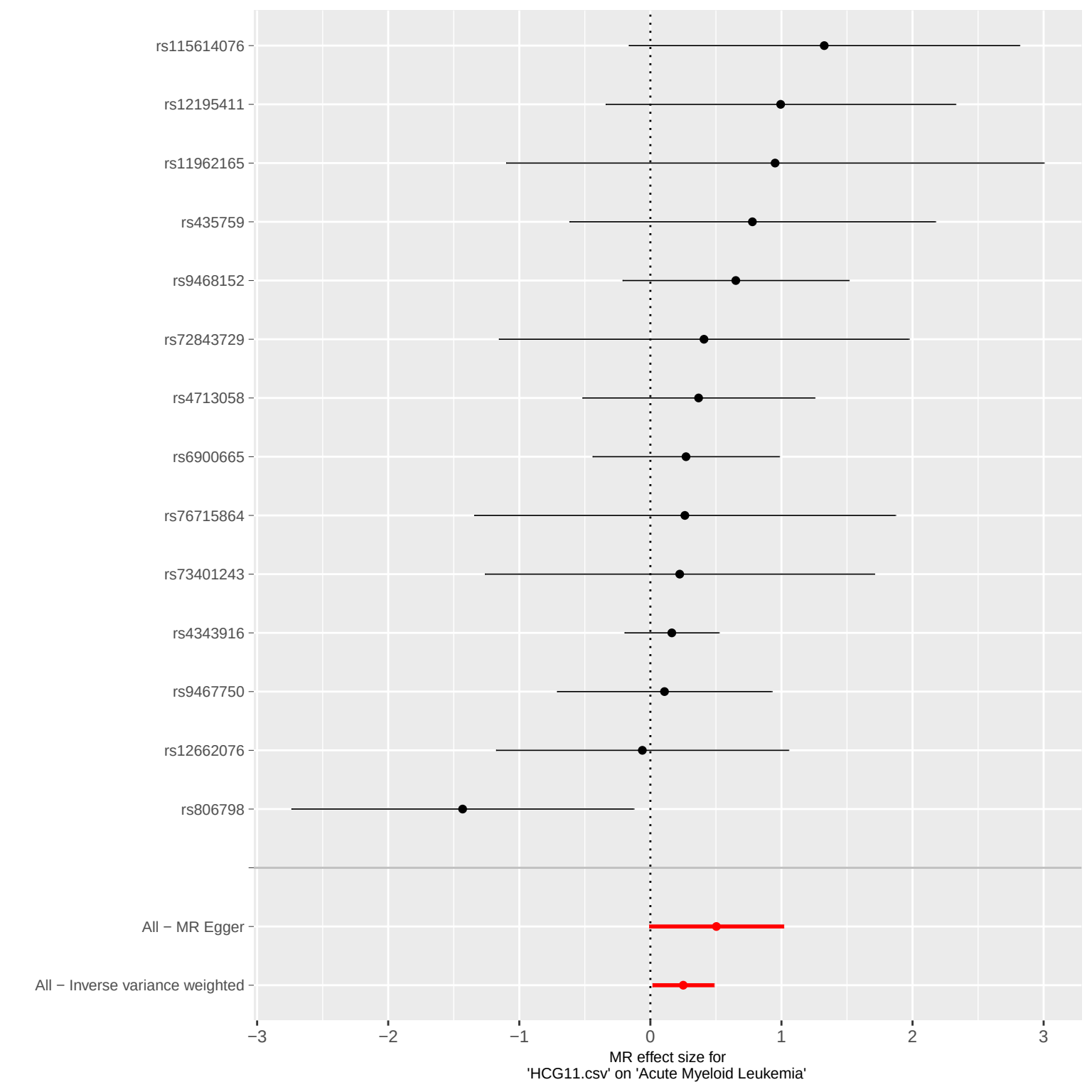
rs9257936
rs114966475
rs138385174
rs147556343
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'HCG4P3.csv' on 'Acute Myeloid Leukemia'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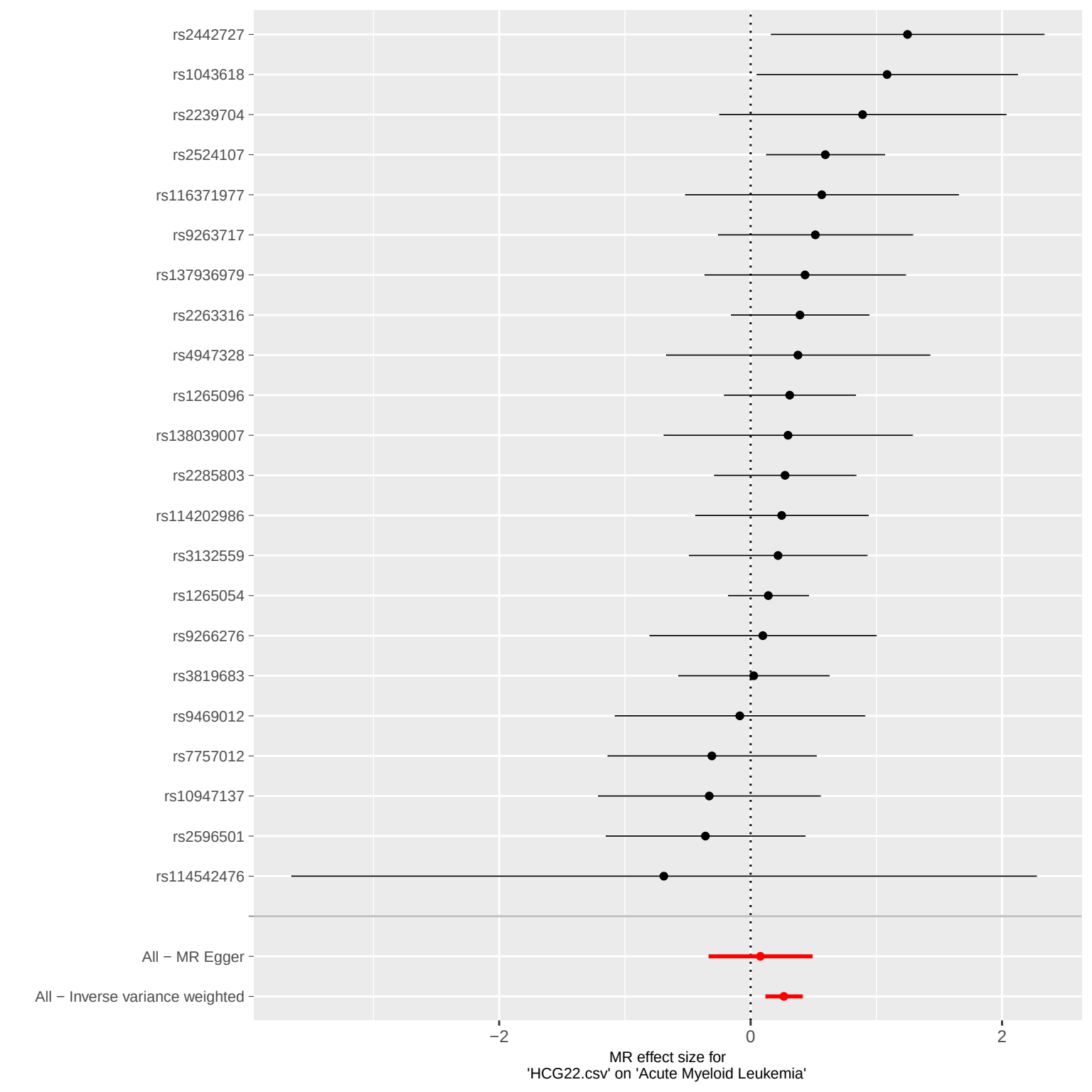
rs4343916
rs9467750
rs12662076
rs806798
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'HCG11.csv' on 'Acute Myeloid Leukemia'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rs10947137
rs2596501
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All − MR Egger
All − Inverse variance weighted
−2
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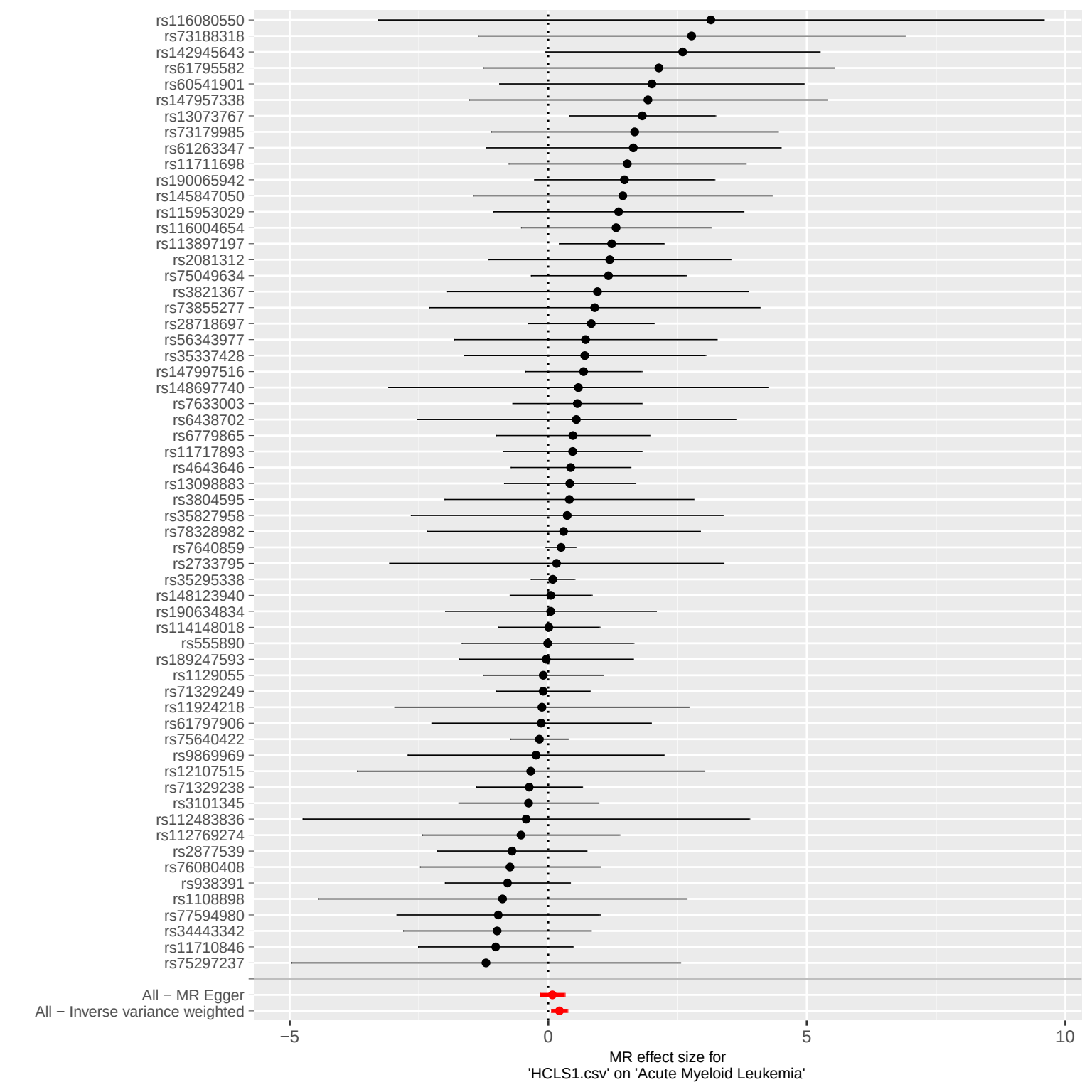
2
MR effect size for
'HCG22.csv' on 'Acute Myeloid Leukemia'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rs1108898
rs77594980
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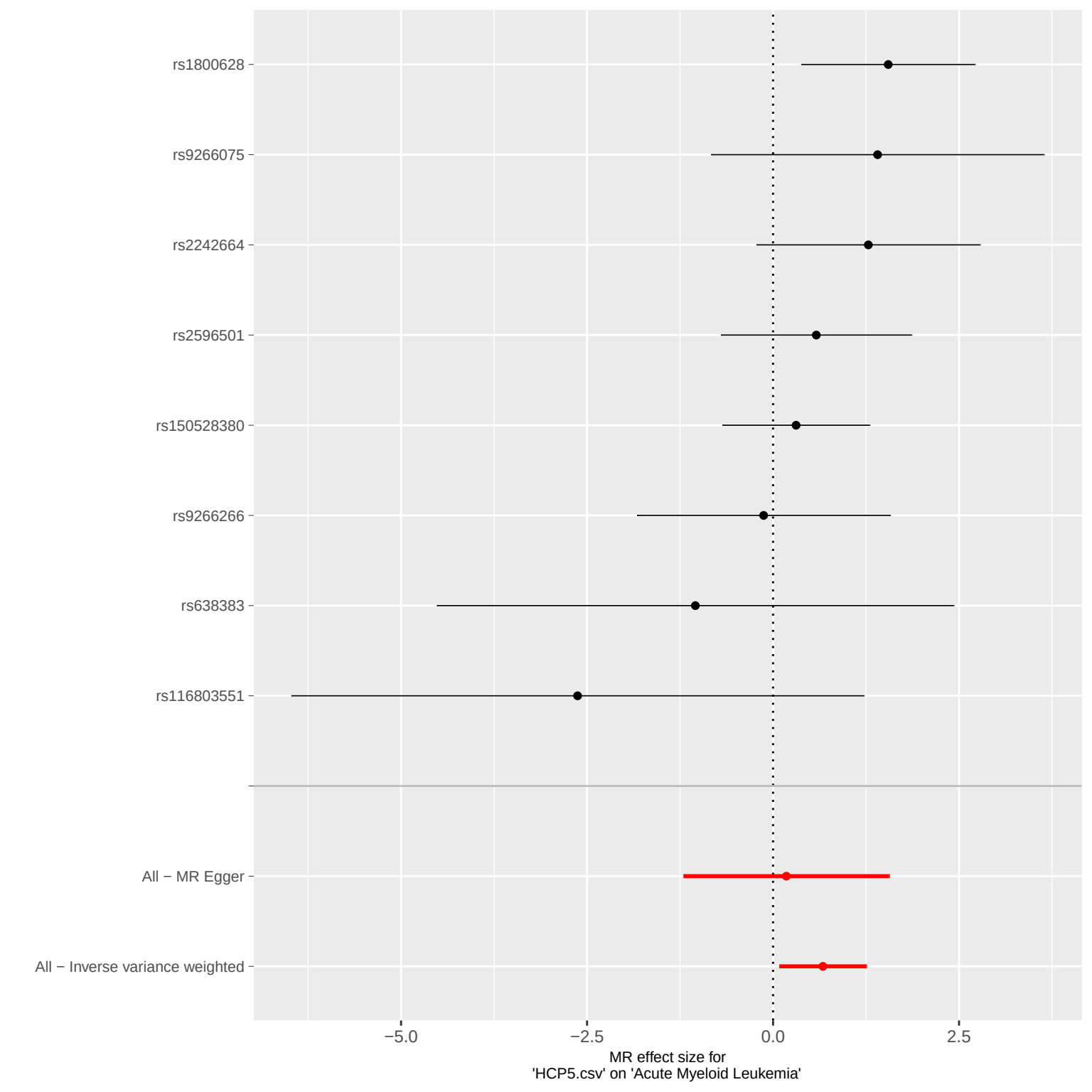
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'HCLS1.csv' on 'Acute Myeloid Leukemia'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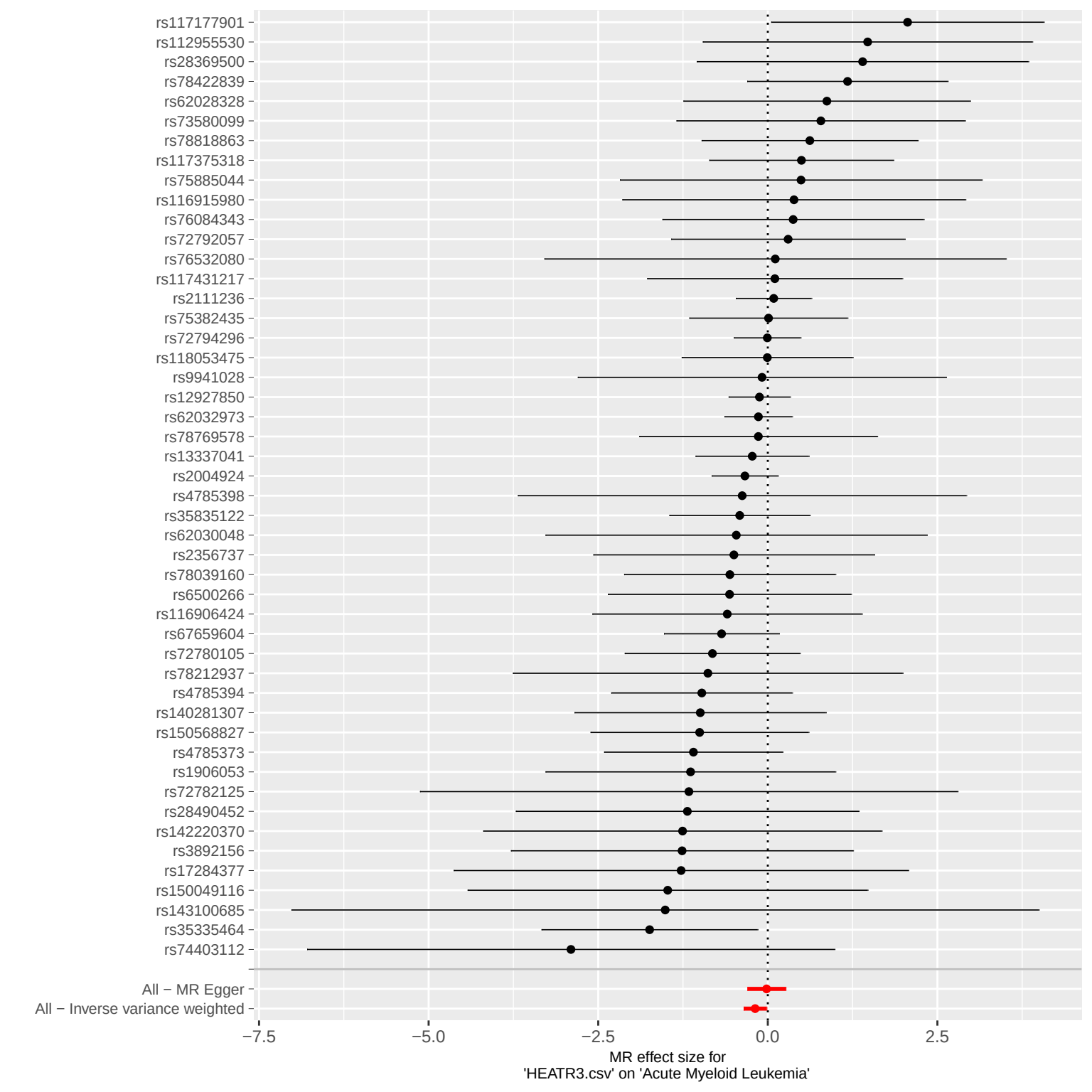
rs9266266
rs638383
rs116803551
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'HCP5.csv' on 'Acute Myeloid Leukemia'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rs74403112
All − MR Egger
All − Inverse variance weighted
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−5.0
−2.5
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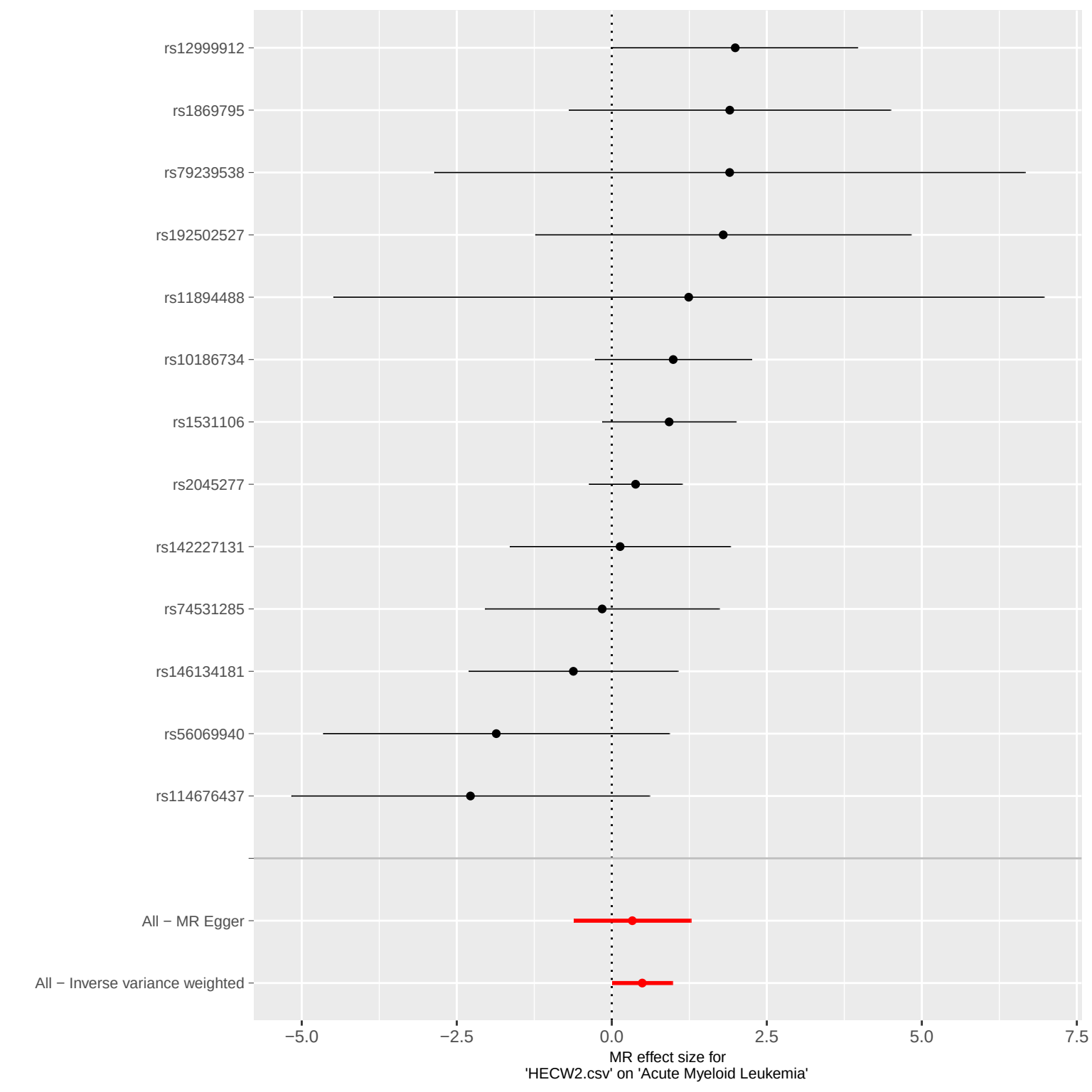
2.5
MR effect size for
'HEATR3.csv' on 'Acute Myeloid Leukemia'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rs2045277
rs142227131
rs74531285
rs146134181
rs56069940
rs114676437
All − MR Egger
All − Inverse variance weighted
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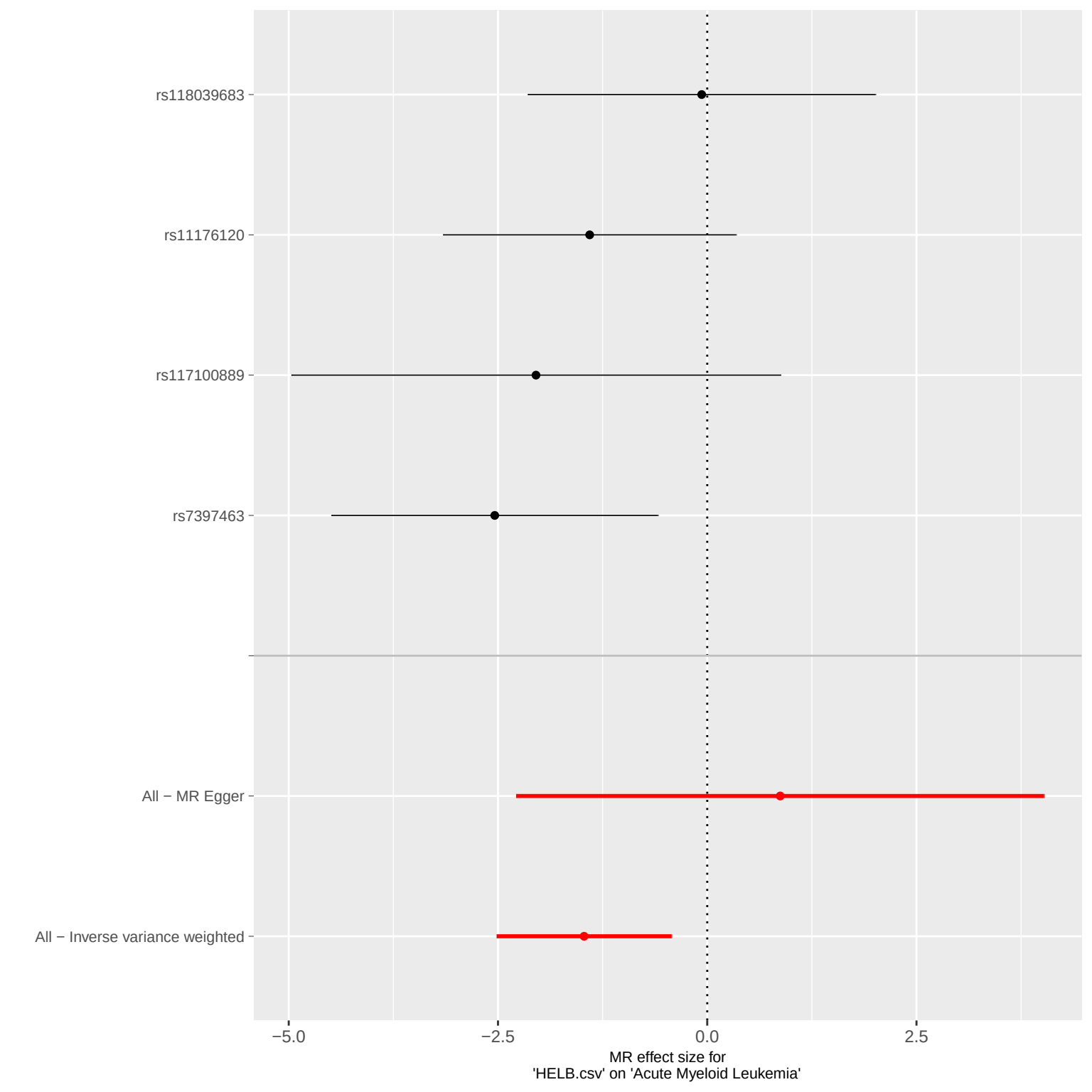
0.0
2.5
5.0
7.5
MR effect size for
'HECW2.csv' on 'Acute Myeloid Leukemia'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rs7397463
All − MR Egger
All − Inverse variance weighted
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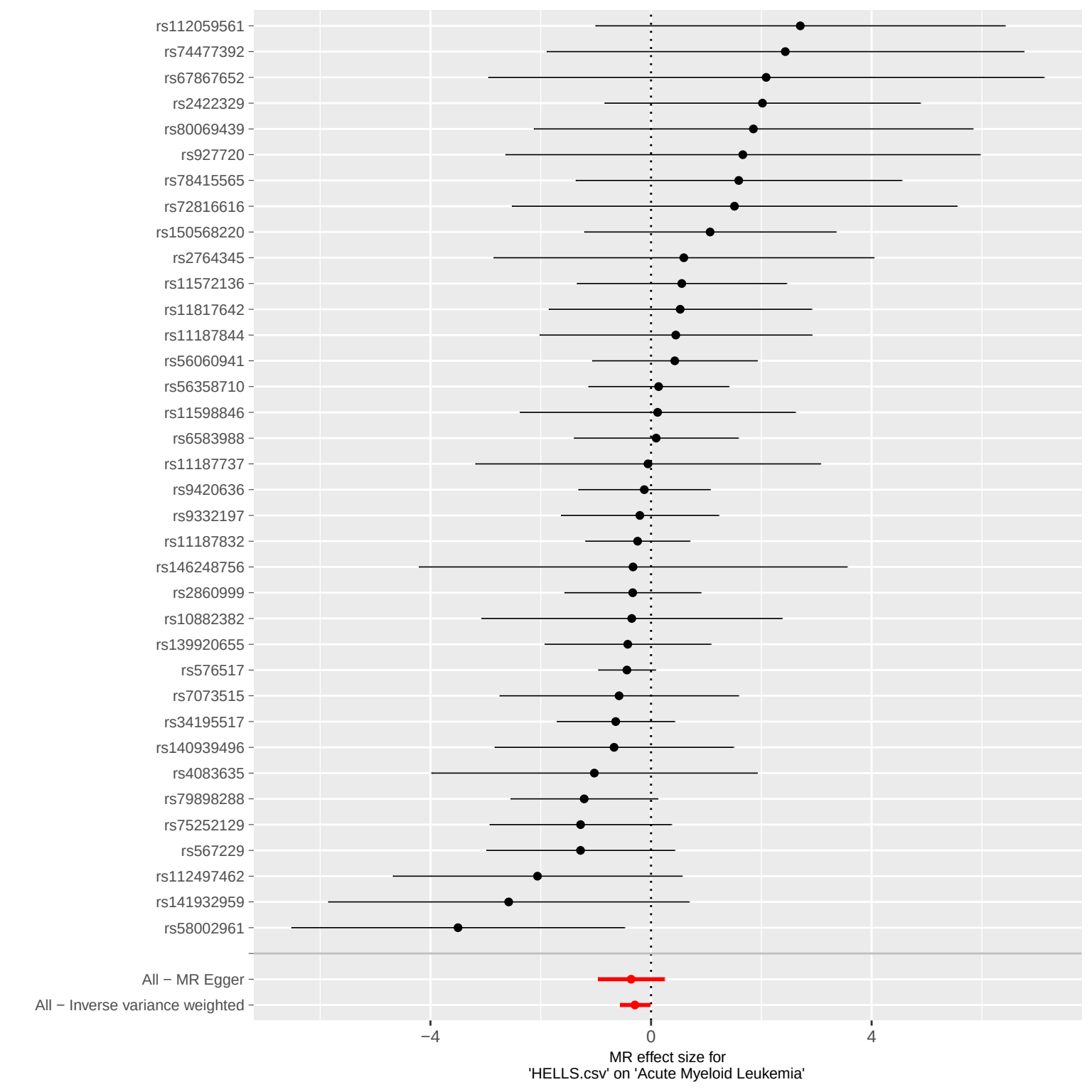
−2.5
0.0
2.5
MR effect size for
'HELB.csv' on 'Acute Myeloid Leukemia'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rs75252129
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All − MR Egger
All − Inverse variance weighted
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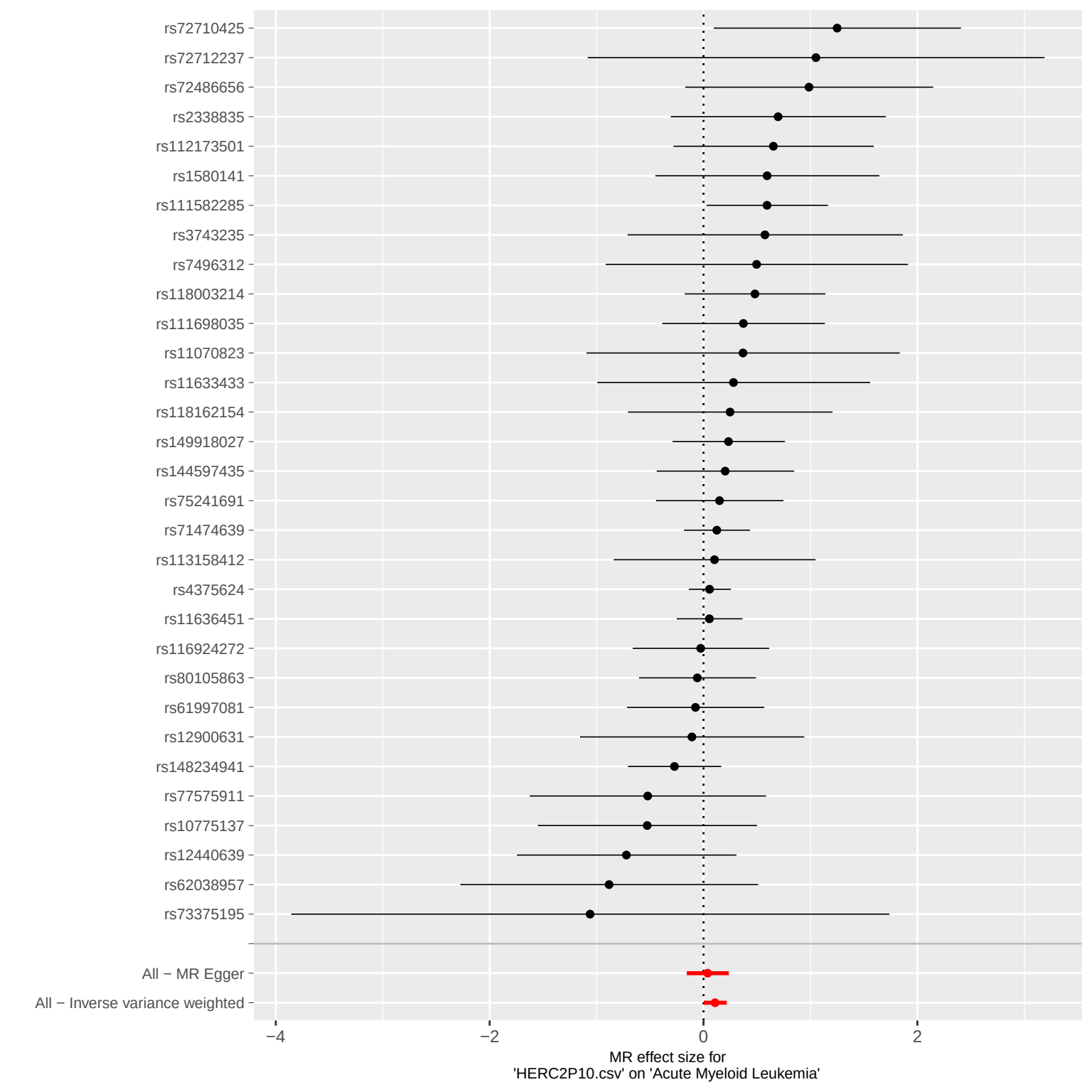
MR effect size for
'HELLS.csv' on 'Acute Myeloid Leukemia'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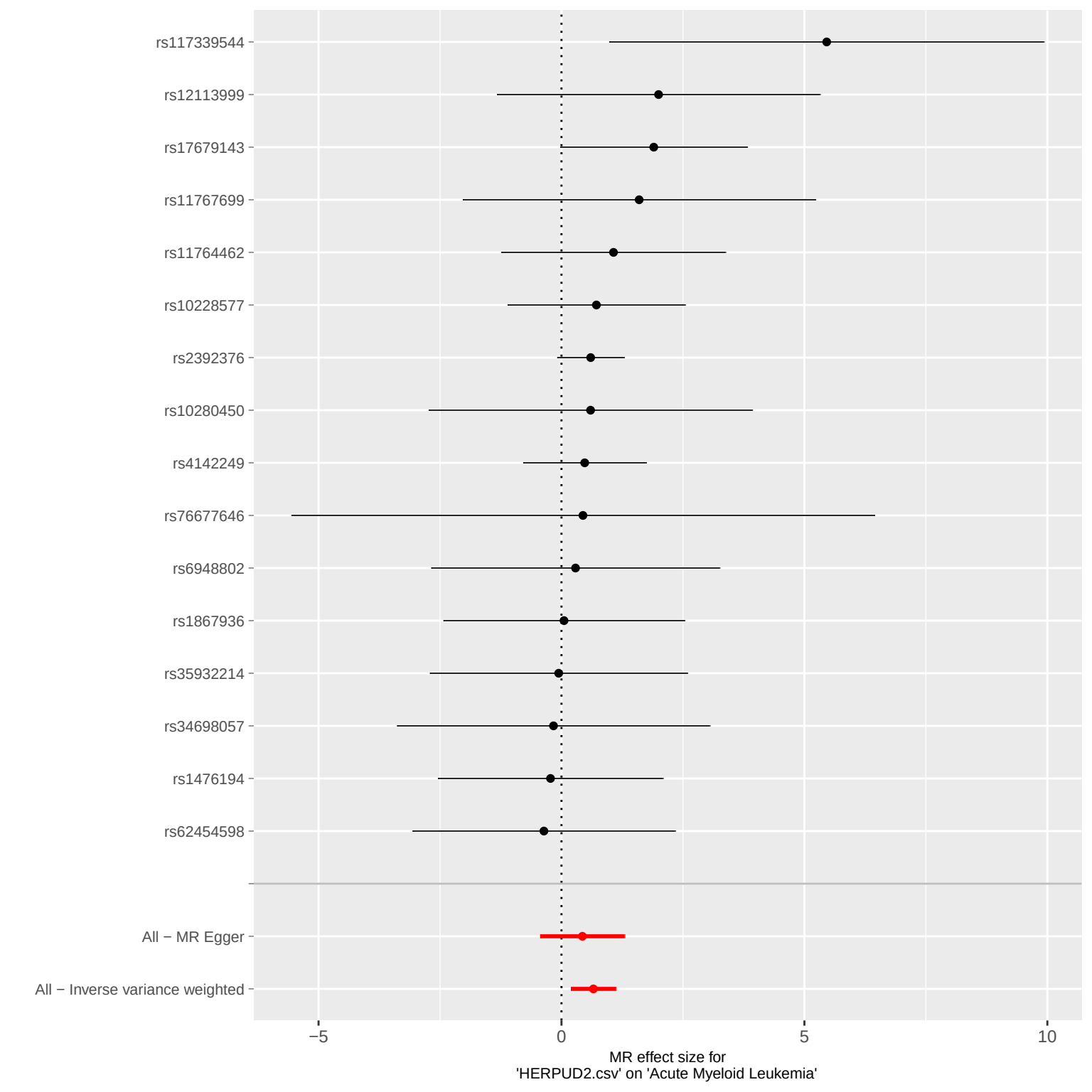
rs148234941
rs77575911
rs10775137
rs12440639
rs62038957
rs73375195
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'HERC2P10.csv' on 'Acute Myeloid Leukemia'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rs2392376
rs10280450
rs4142249
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rs6948802
rs1867936
rs35932214
rs34698057
rs1476194
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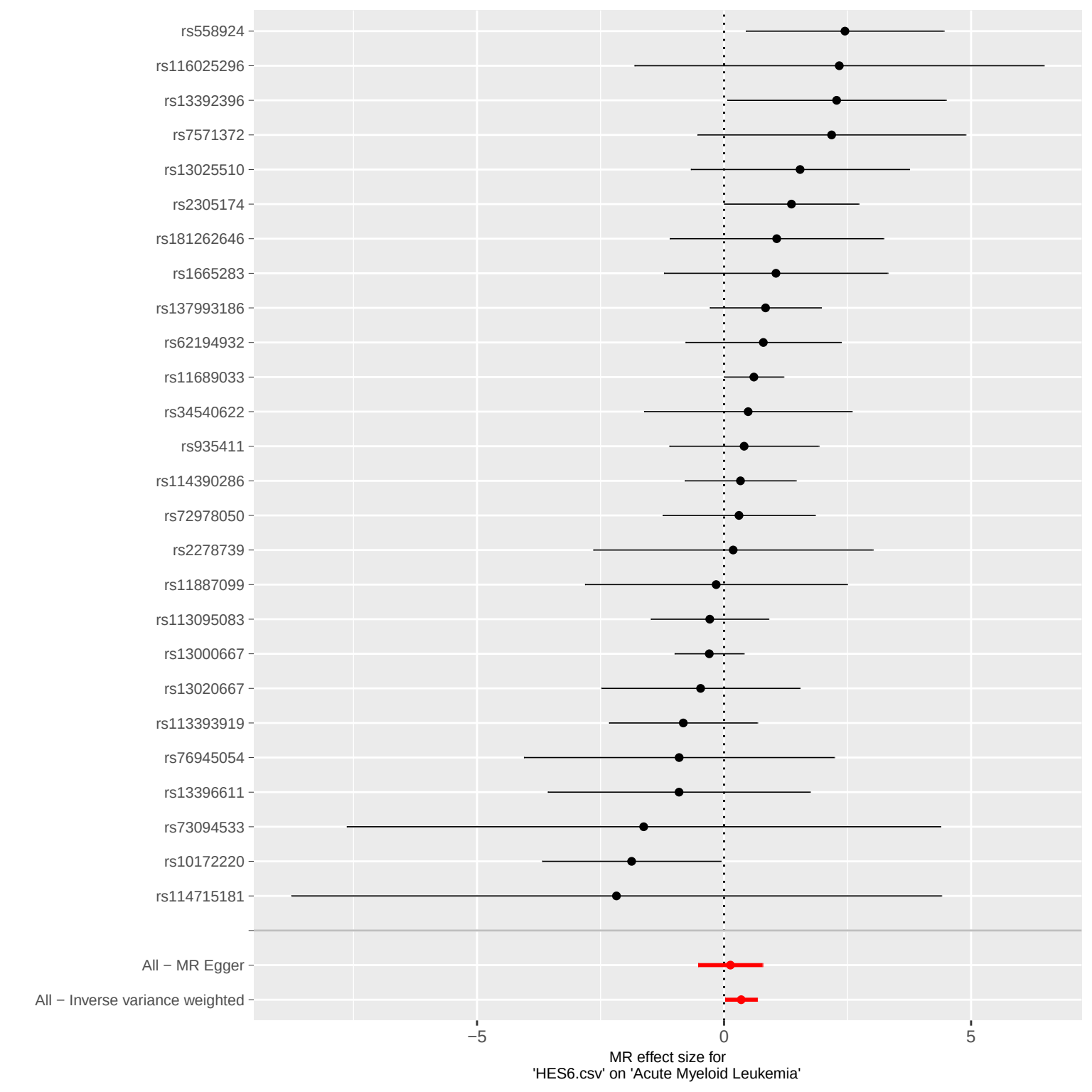
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'HERPUD2.csv' on 'Acute Myeloid Leukemia'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rs76945054
rs13396611
rs73094533
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All − MR Egger
All − Inverse variance weighted
−5
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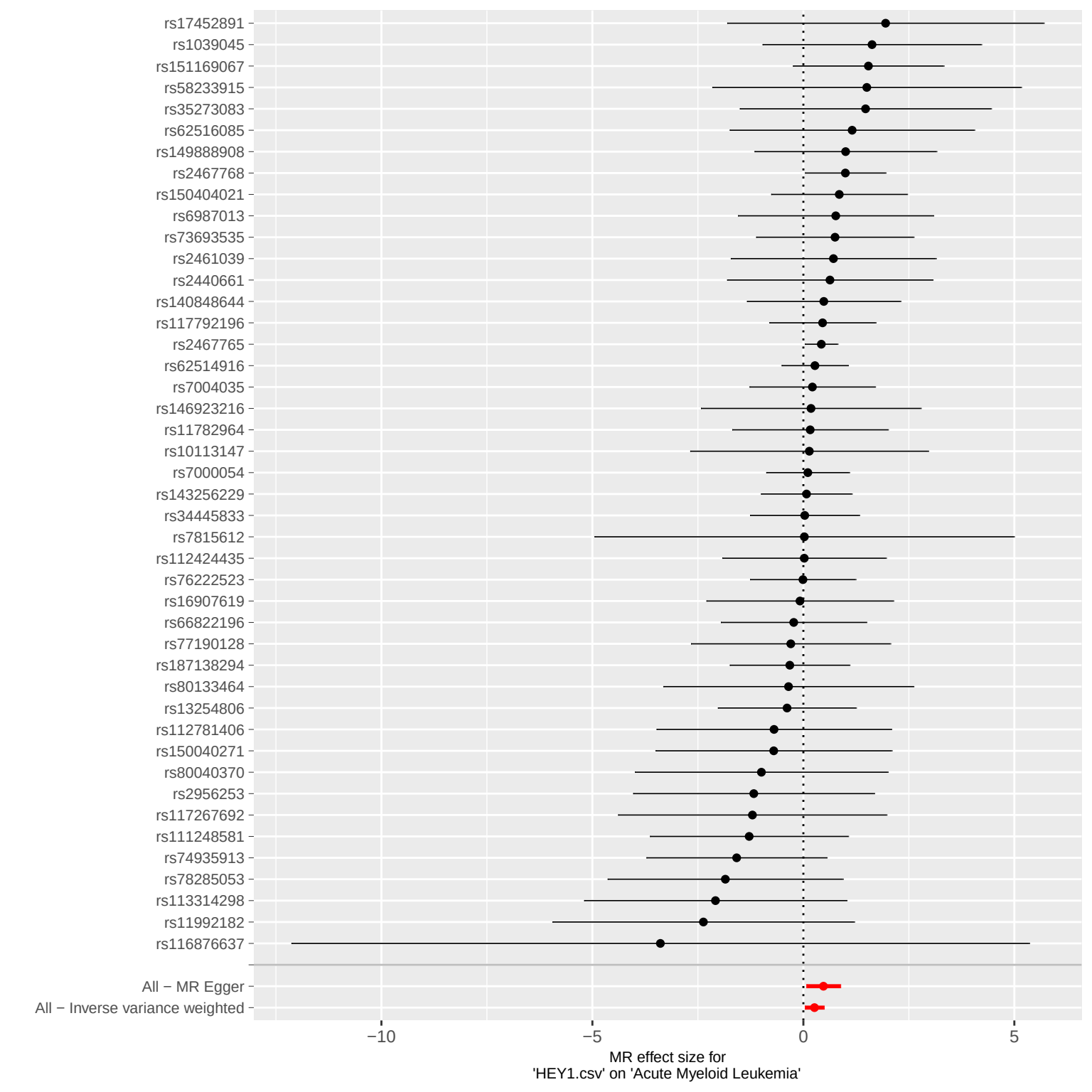
5
MR effect size for
'HES6.csv' on 'Acute Myeloid Leukemia'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rs11992182
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All − MR Egger
All − Inverse variance weighted
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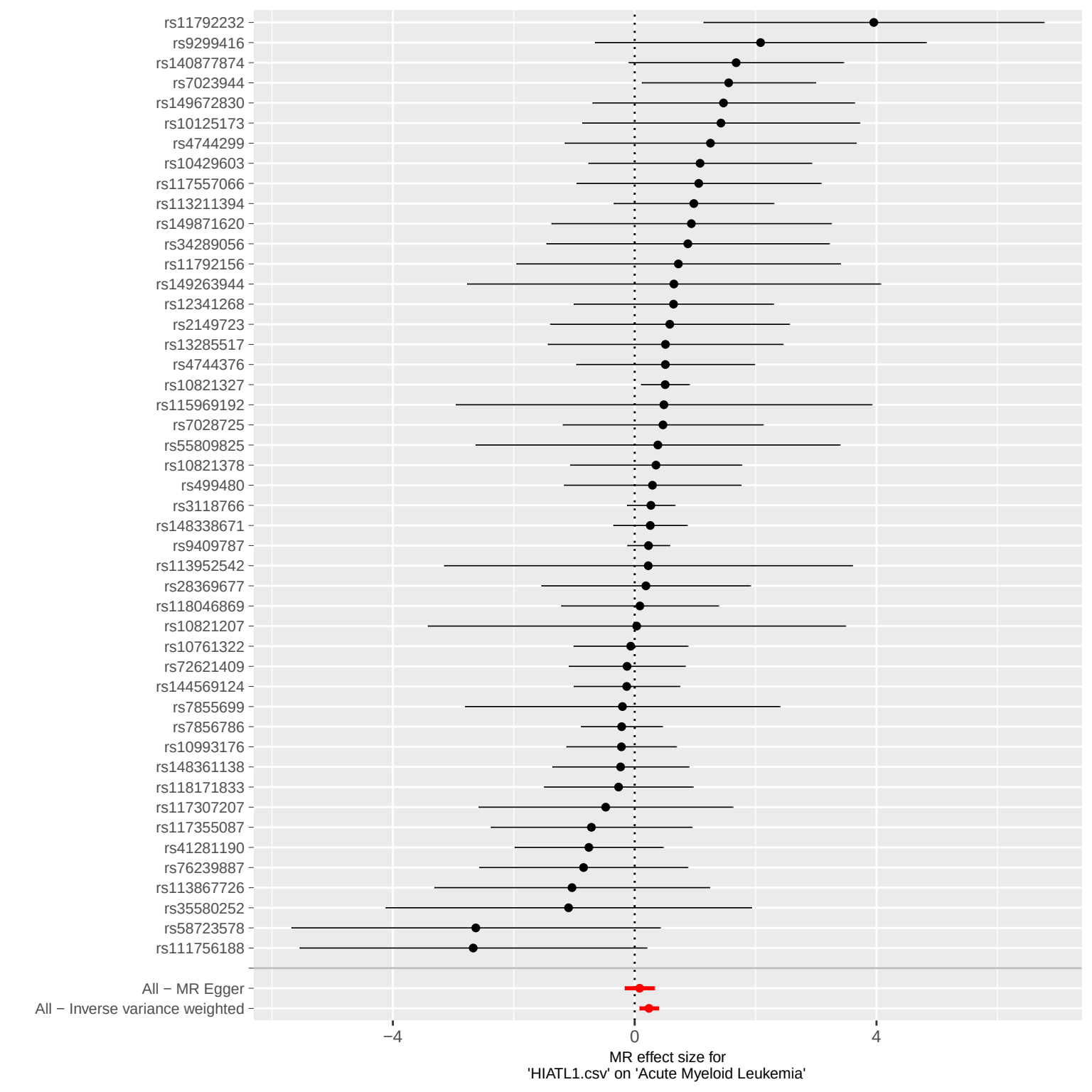
MR effect size for
'HEY1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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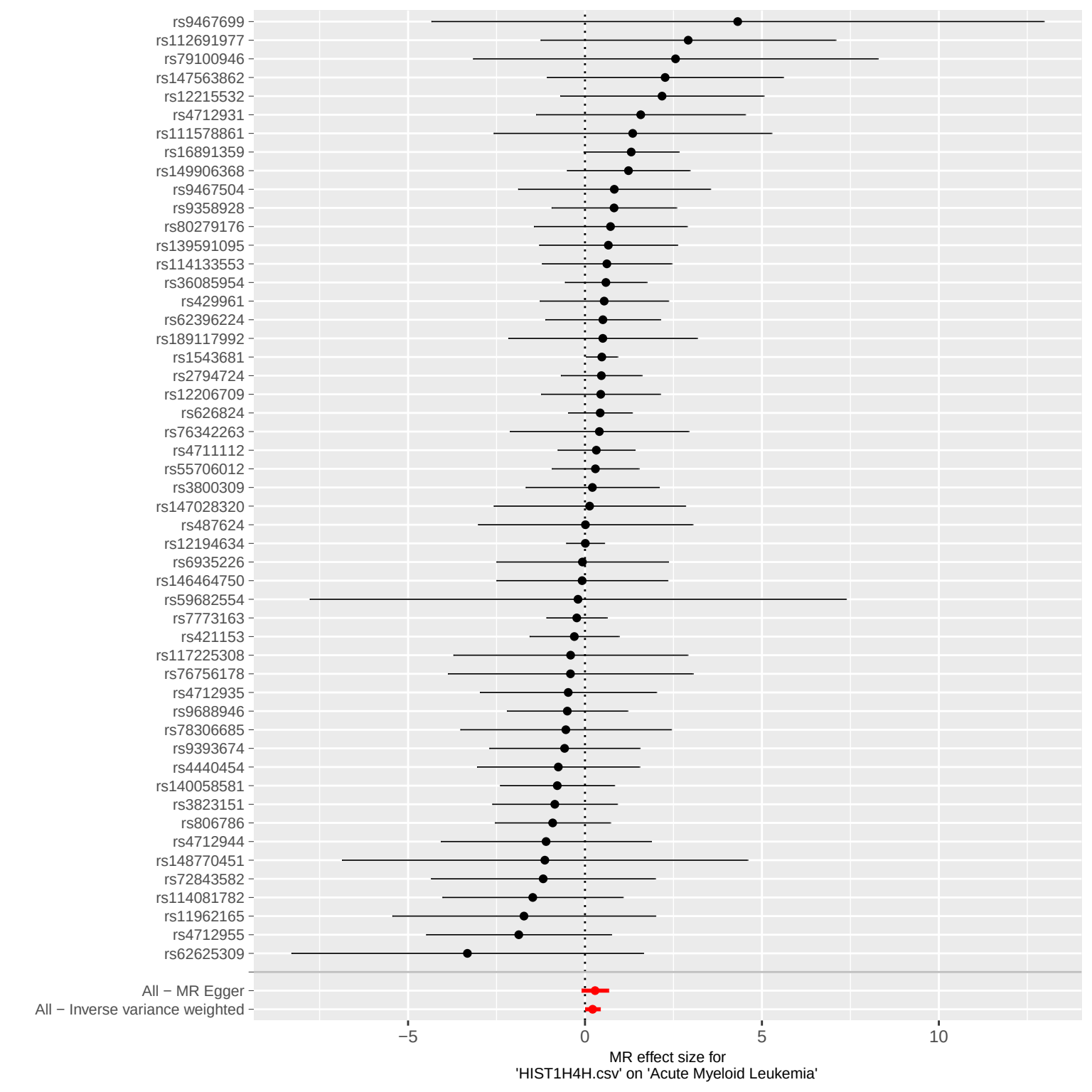
MR effect size for
'HIATL1.csv' on 'Acute Myeloid Leukemia'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rs4712944
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rs11962165
rs4712955
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All − MR Egger
All − Inverse variance weighted
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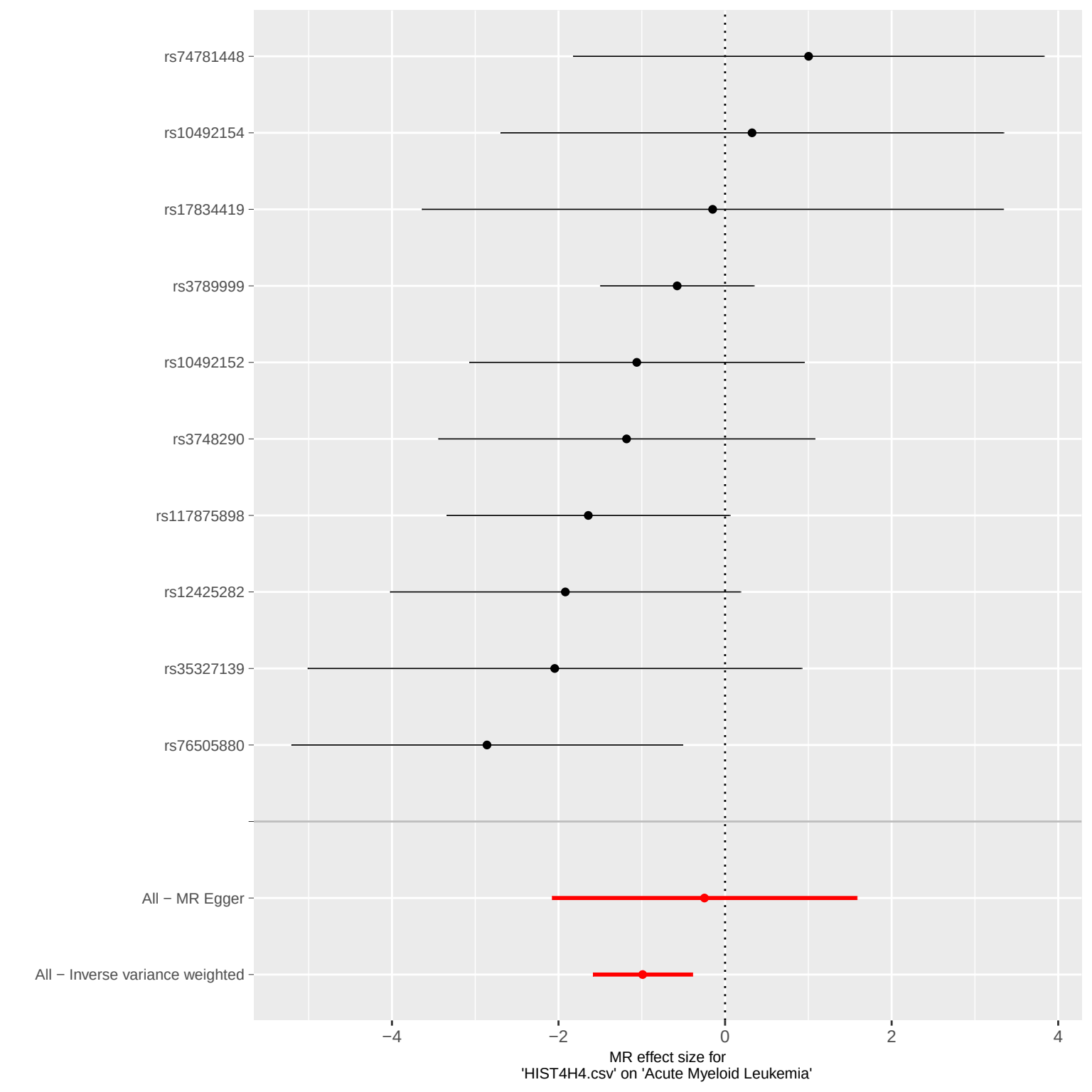
10
MR effect size for
'HIST1H4H.csv' on 'Acute Myeloid Leukemia'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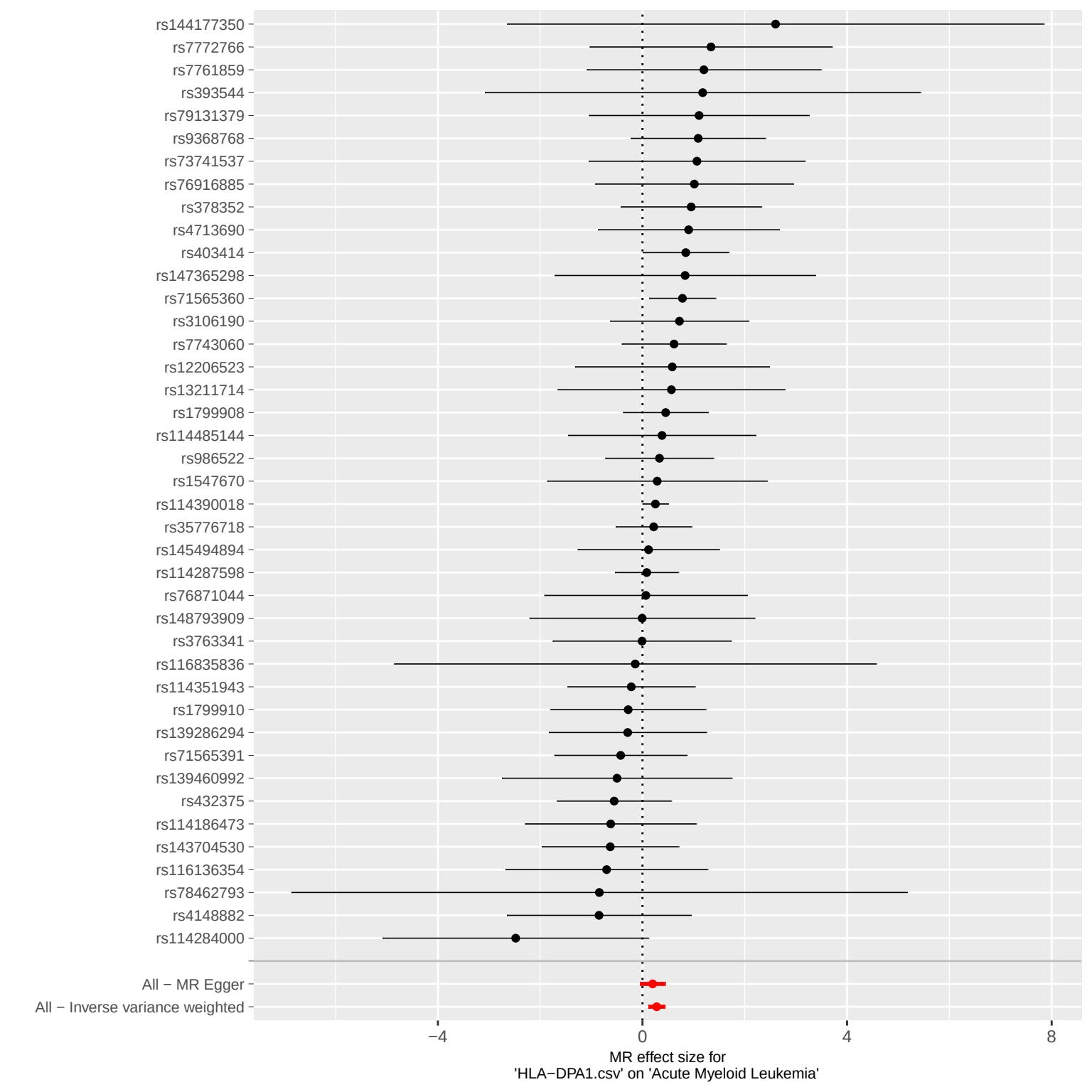
rs35327139
rs76505880
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'HIST4H4.csv' on 'Acute Myeloid Leukemia'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rs139286294
rs71565391
rs139460992
rs432375
rs114186473
rs143704530
rs116136354
rs78462793
rs4148882
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All − MR Egger
All − Inverse variance weighted
−4
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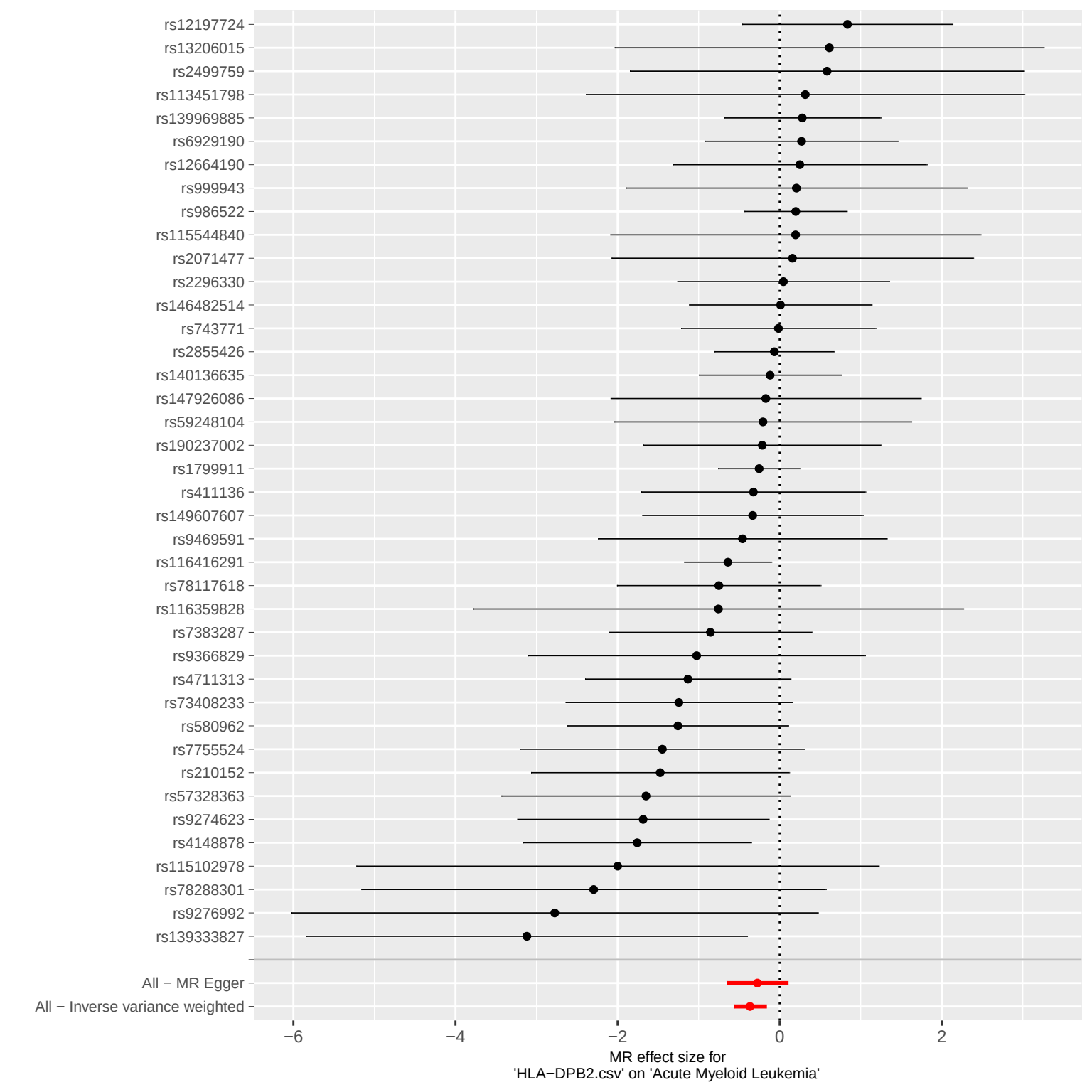
4
8
MR effect size for
'HLA−DPA1.csv' on 'Acute Myeloid Leukemia'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rs146482514
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rs2855426
rs140136635
rs147926086
rs59248104
rs190237002
rs1799911
rs411136
rs149607607
rs9469591
rs116416291
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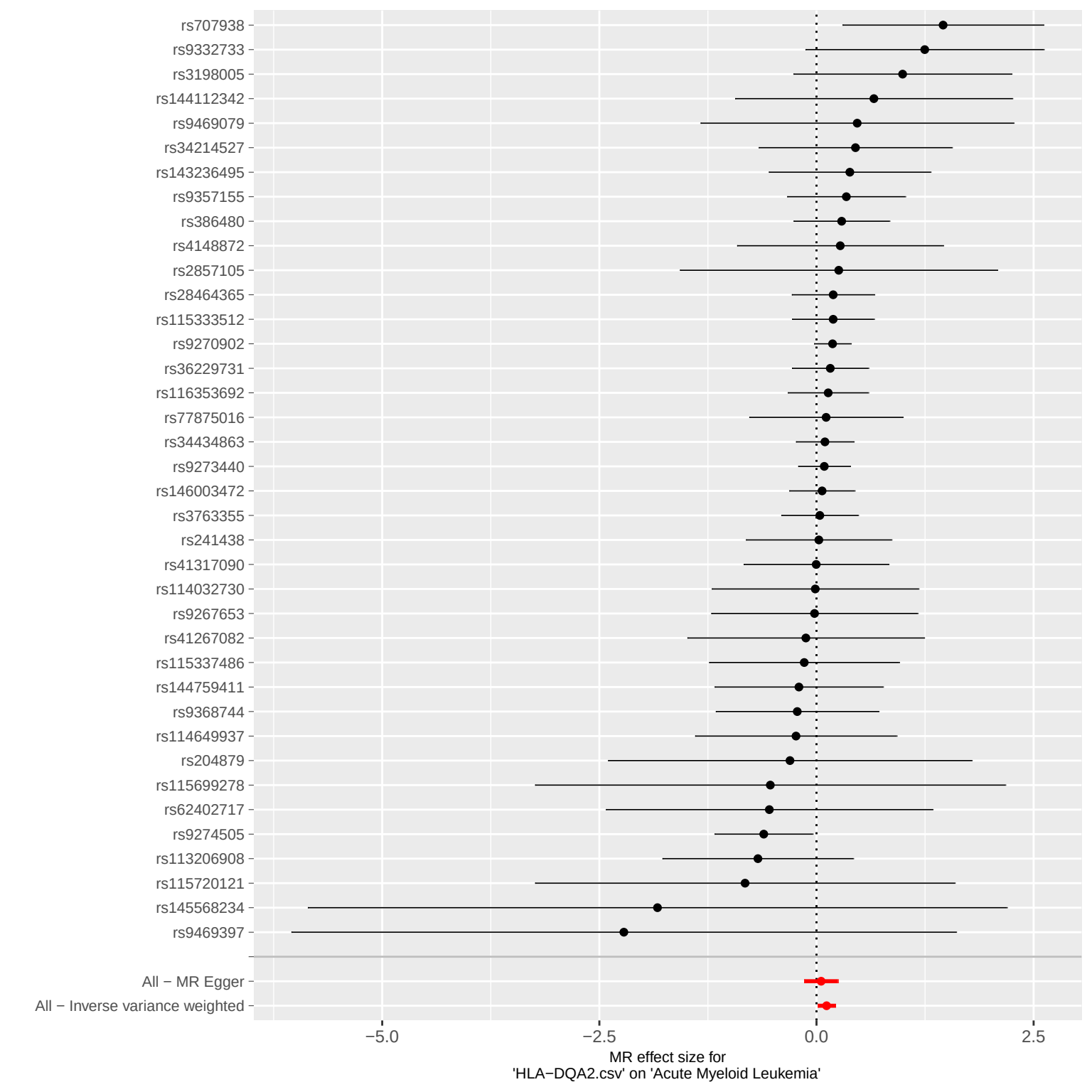
rs7383287
rs9366829
rs4711313
rs73408233
rs580962
rs7755524
rs210152
rs57328363
rs9274623
rs4148878
rs115102978
rs78288301
rs9276992
rs139333827
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'HLA−DPB2.csv' on 'Acute Myeloid Leukemia'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rs9270902
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rs116353692
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rs114032730
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rs144759411
rs9368744
rs114649937
rs204879
rs115699278
rs62402717
rs9274505
rs113206908
rs115720121
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All − MR Egger
All − Inverse variance weighted
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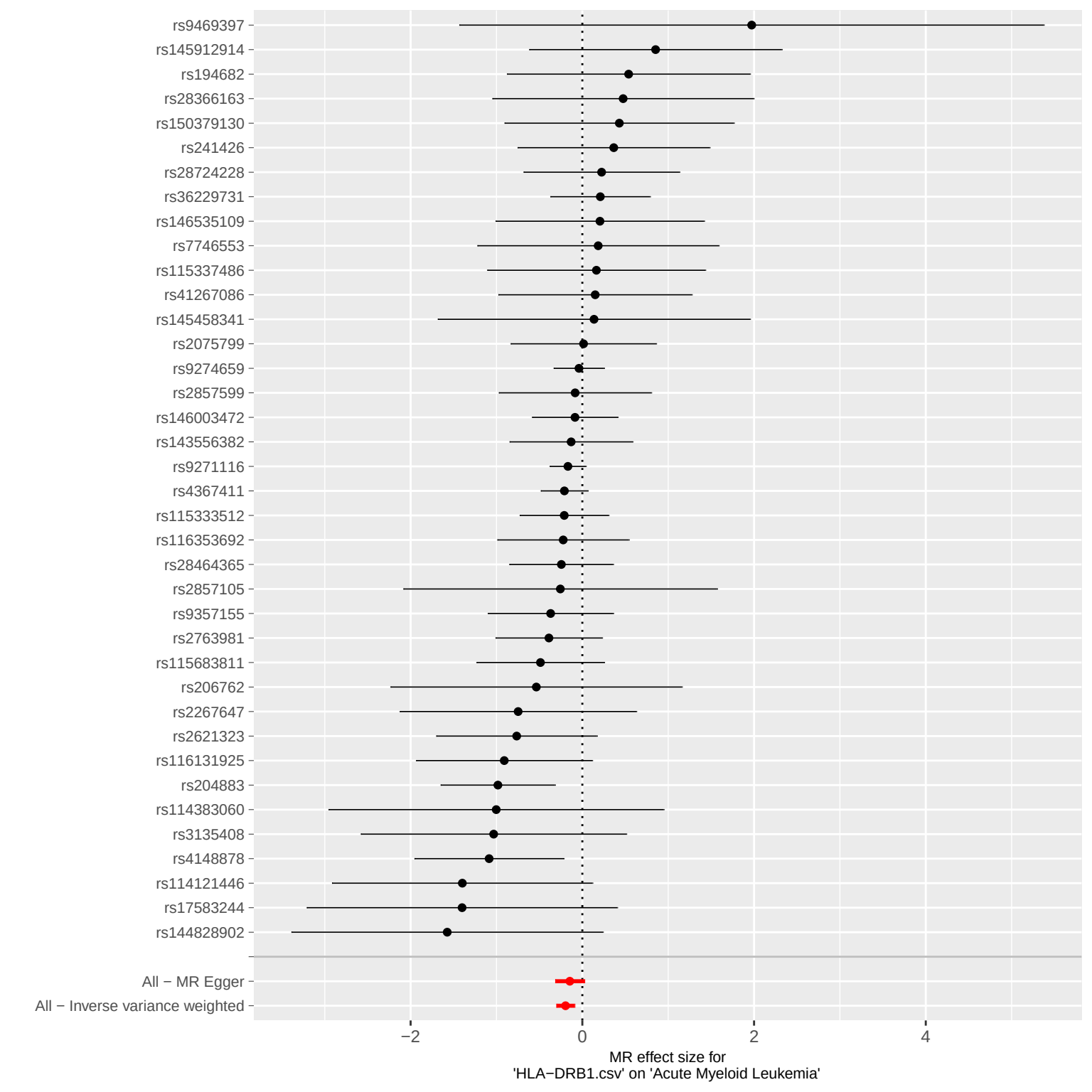
−2.5
0.0
2.5
MR effect size for
'HLA−DQA2.csv' on 'Acute Myeloid Leukemia'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rs206762
rs2267647
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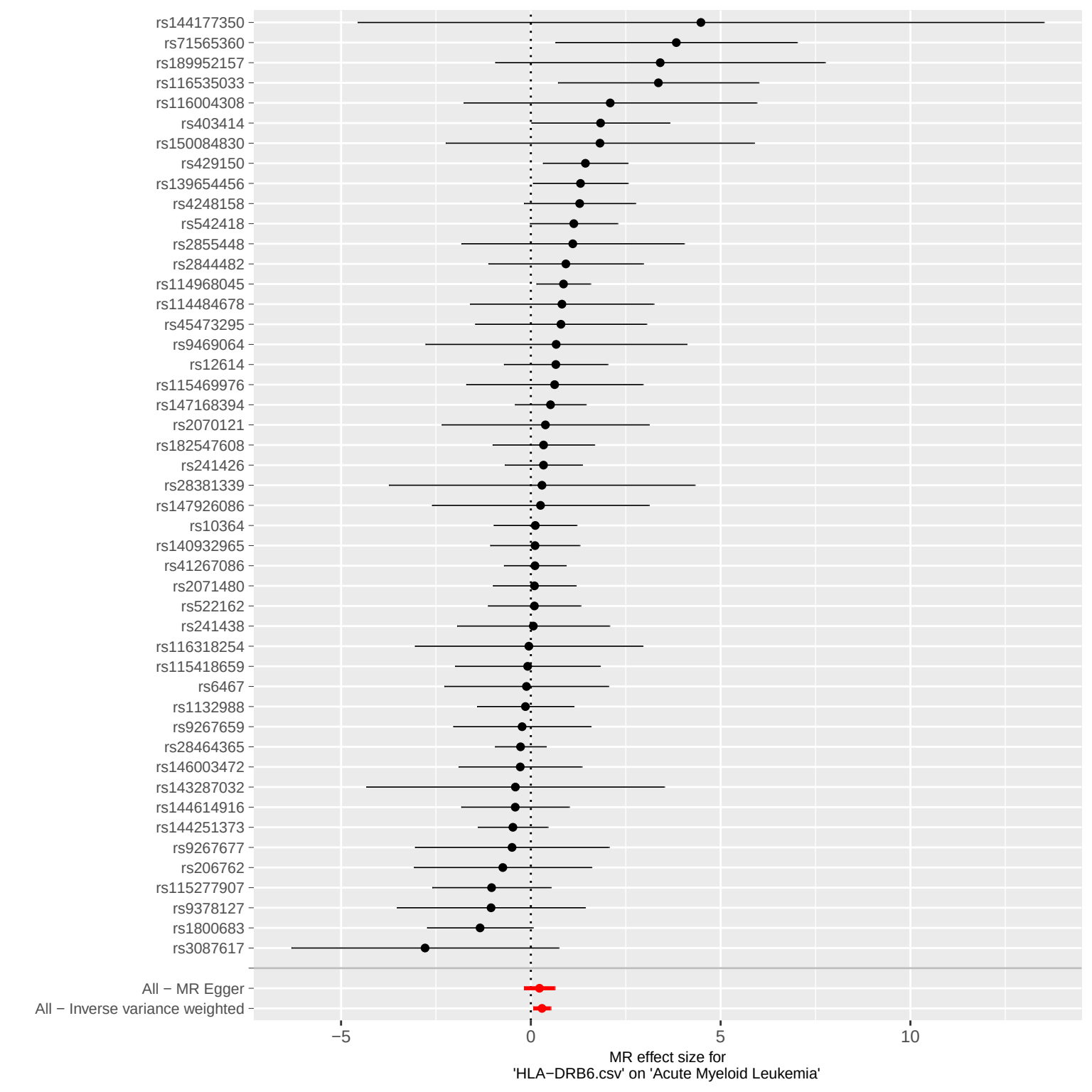
rs4148878
rs114121446
rs17583244
rs144828902
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'HLA−DRB1.csv' on 'Acute Myeloid Leukemia'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rs9267677
rs206762
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rs1800683
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All − MR Egger
All − Inverse variance weighted
−5
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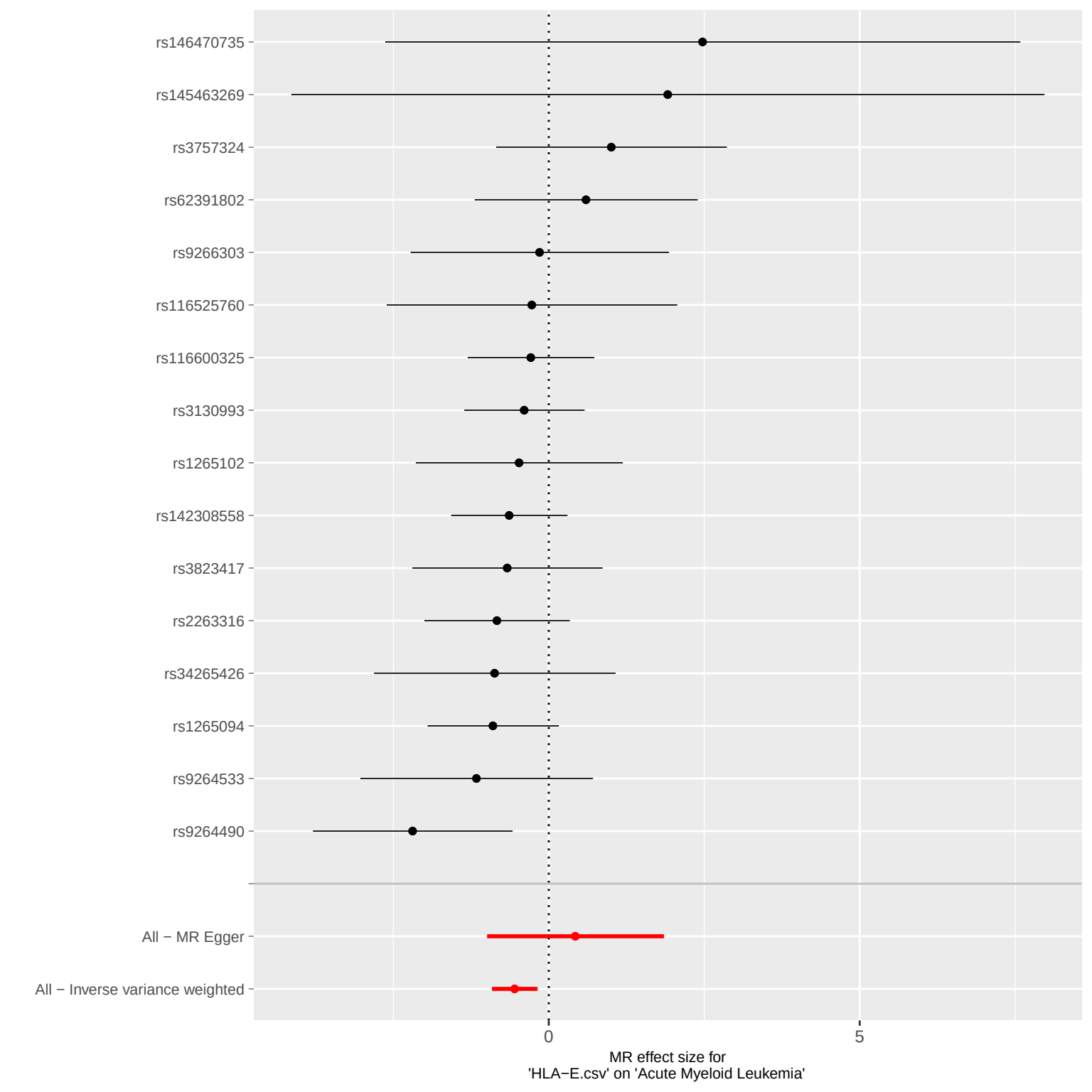
5
10
MR effect size for
'HLA−DRB6.csv' on 'Acute Myeloid Leukemia'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rs142308558
rs3823417
rs2263316
rs34265426
rs1265094
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All − MR Egger
All − Inverse variance weighted
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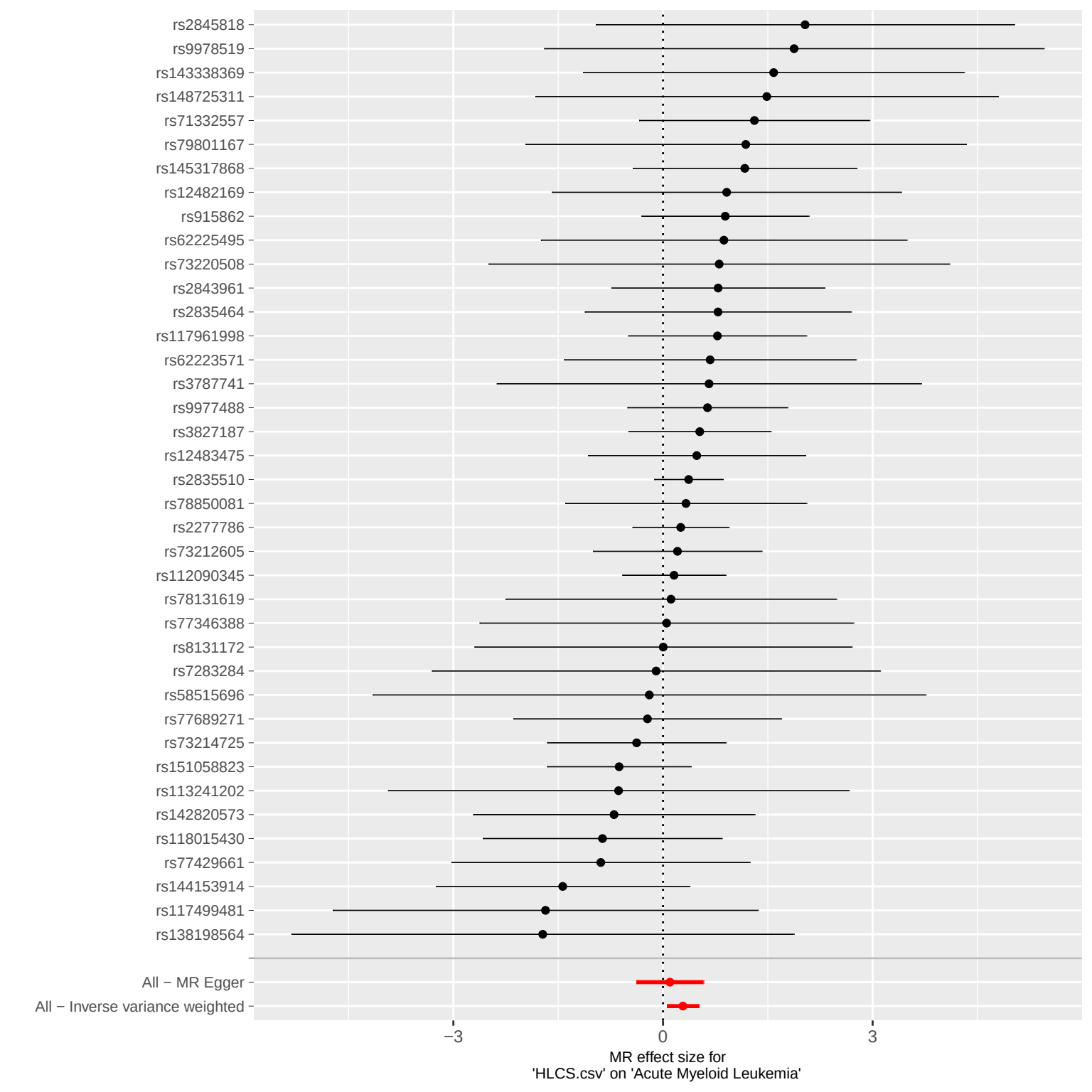
5
MR effect size for
'HLA−E.csv' on 'Acute Myeloid Leukemia'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rs77346388
rs8131172
rs7283284
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rs77689271
rs73214725
rs151058823
rs113241202
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rs118015430
rs77429661
rs144153914
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All − MR Egger
All − Inverse variance weighted
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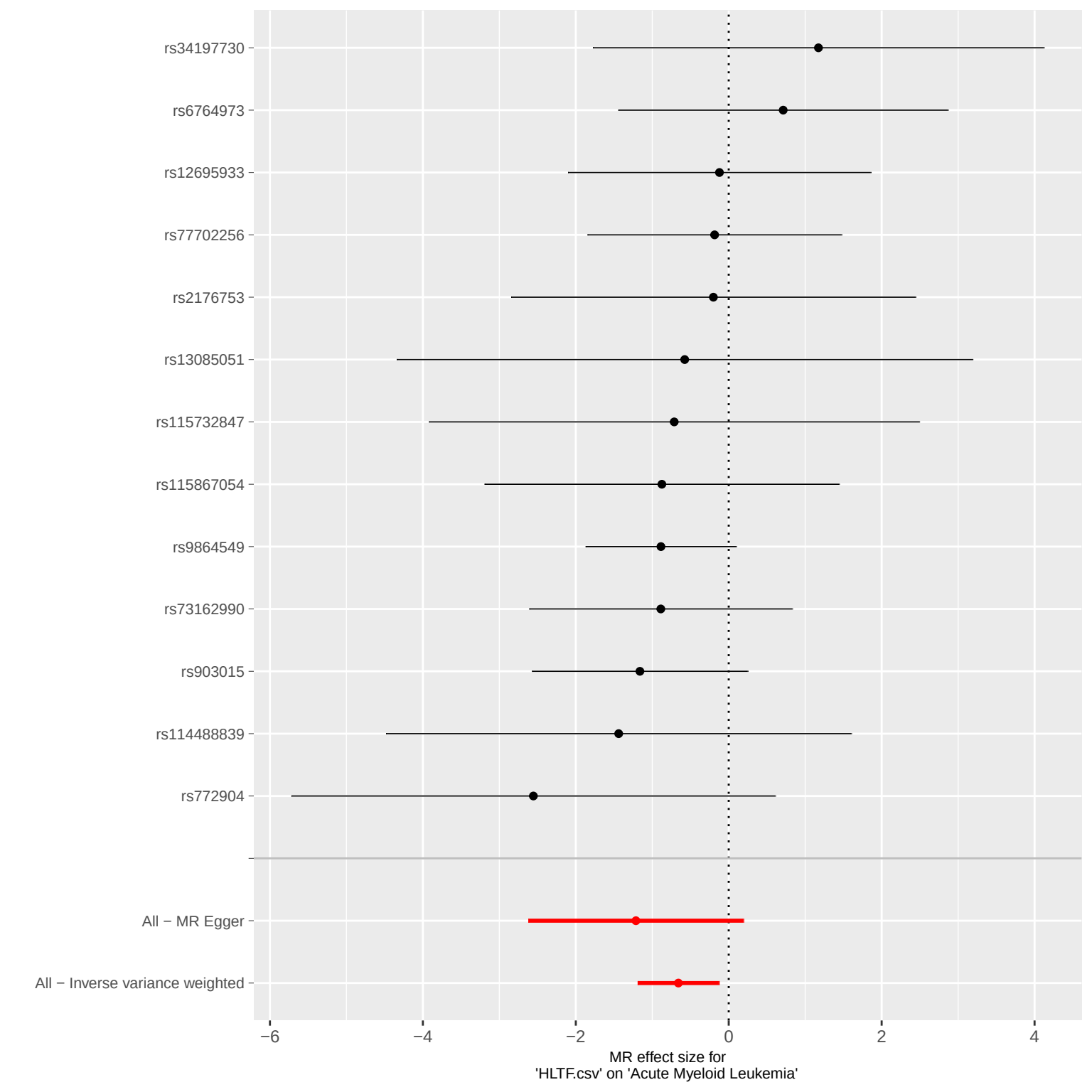
MR effect size for
'HLCS.csv' on 'Acute Myeloid Leukemia'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rs13085051
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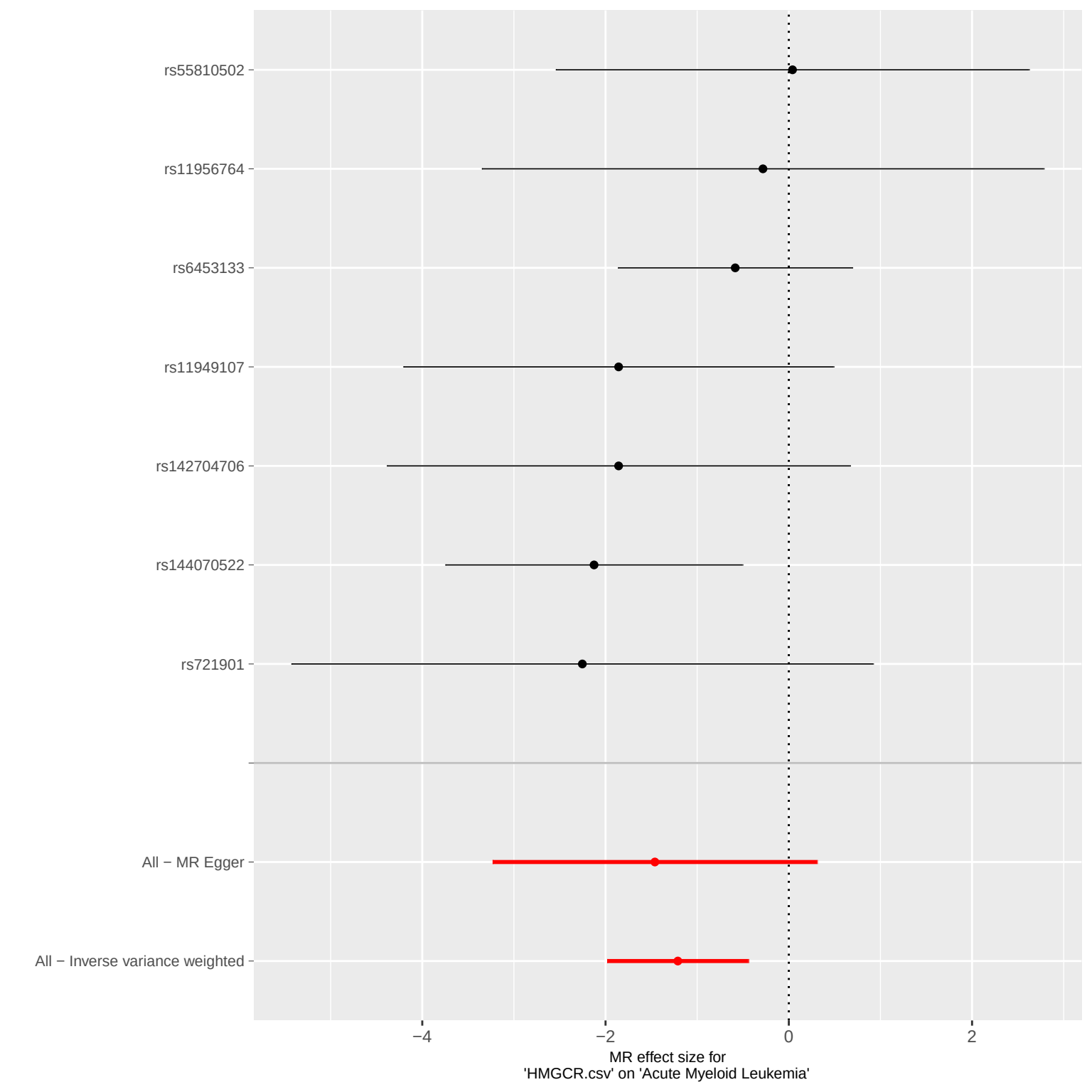
rs115867054
rs9864549
rs73162990
rs903015
rs114488839
rs772904
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'HLTF.csv' on 'Acute Myeloid Leukemia'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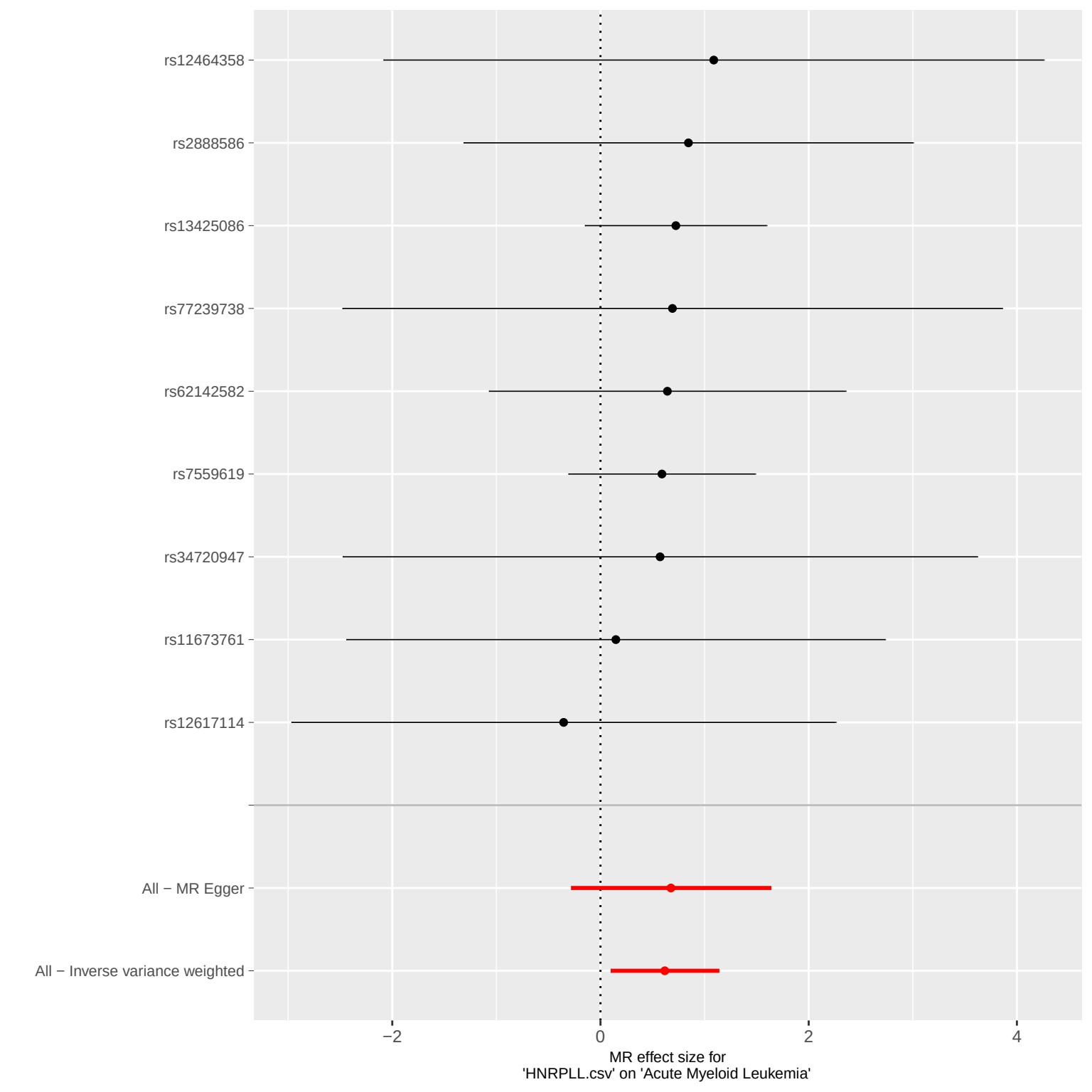
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'HMGCR.csv' on 'Acute Myeloid Leukemia'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rs34720947
rs11673761
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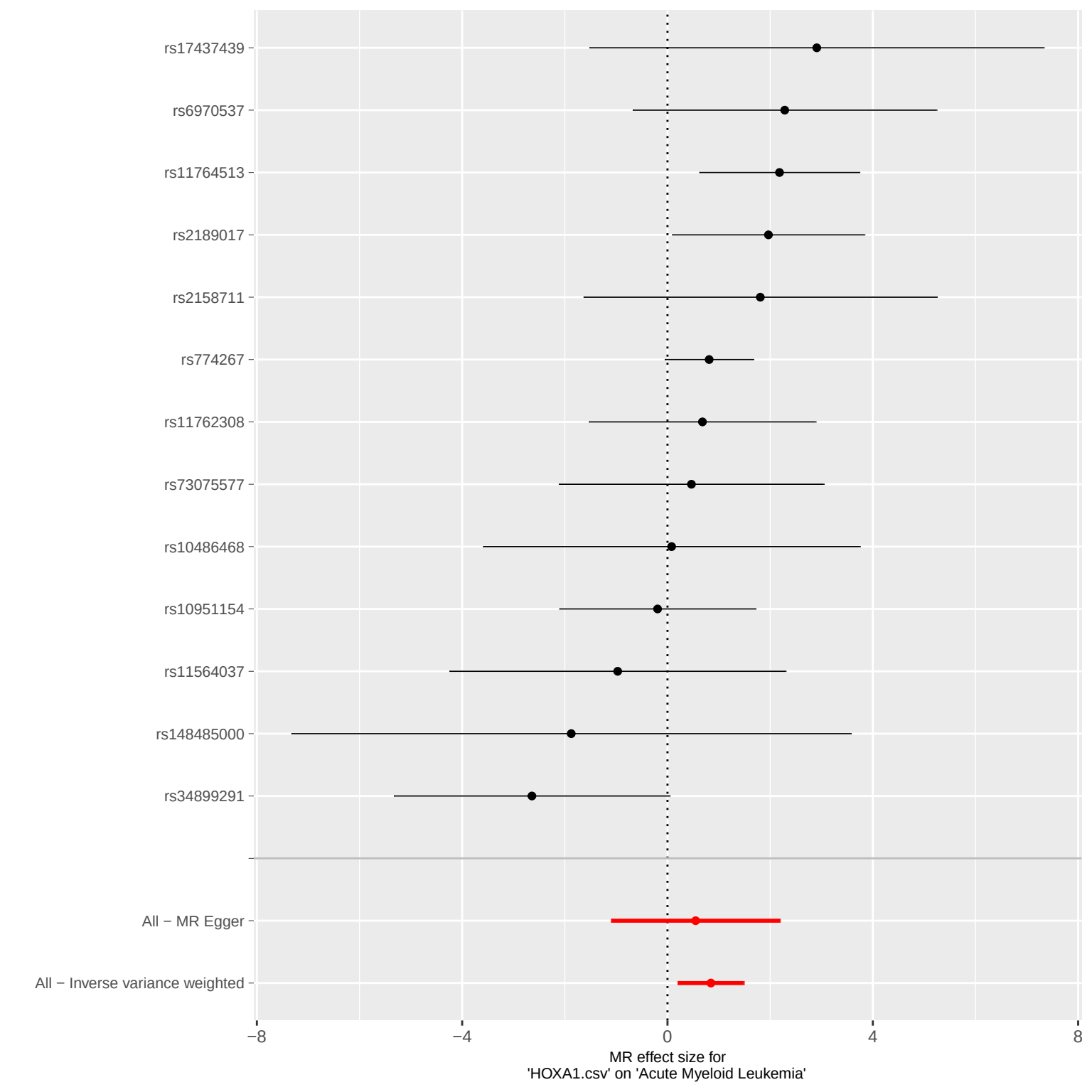
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'HNRPLL.csv' on 'Acute Myeloid Leukemia'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rs2189017
rs2158711
rs774267
rs11762308
rs73075577
rs10486468
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rs11564037
rs148485000
rs34899291
All − MR Egger
All − Inverse variance weighted
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−4
0
4
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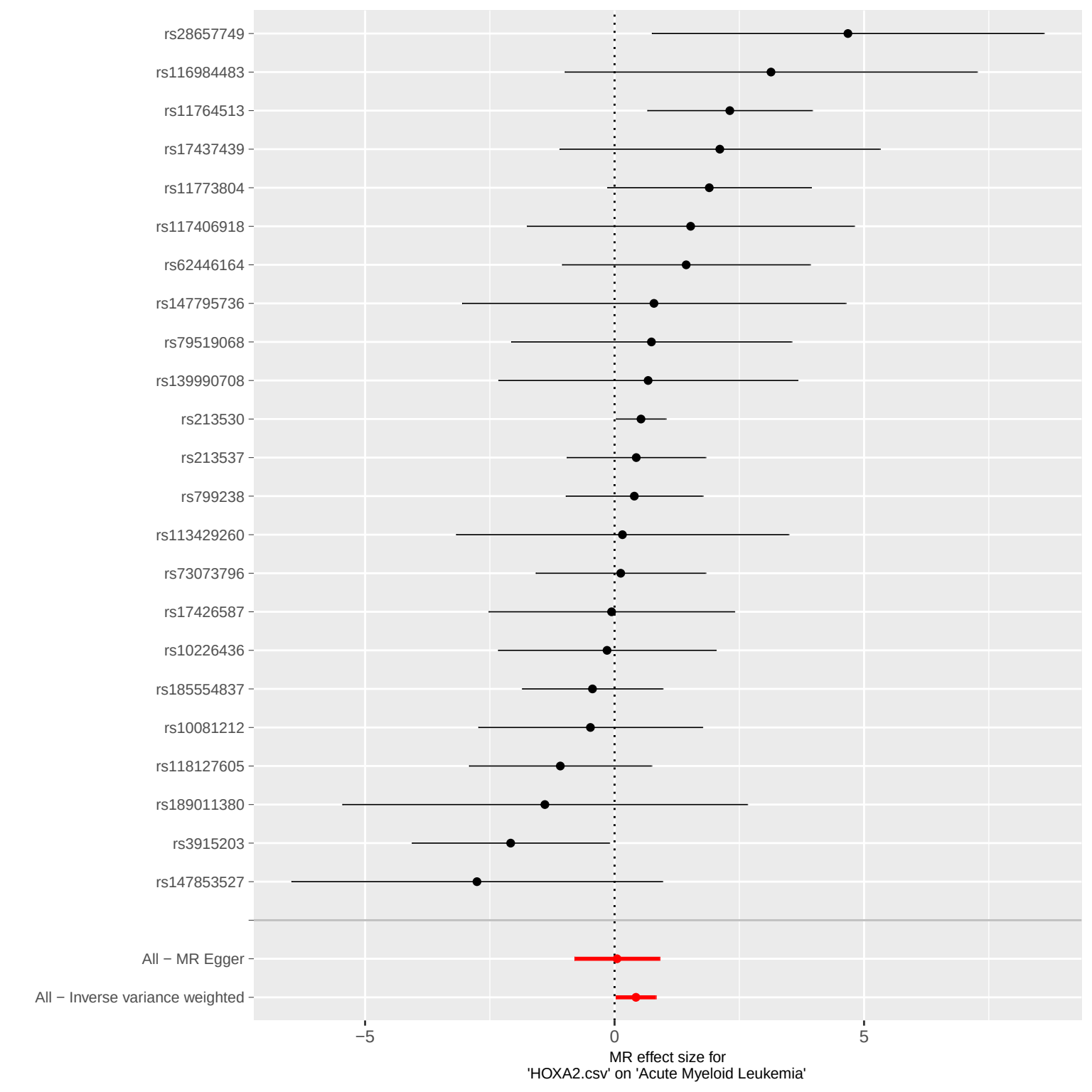
MR effect size for
'HOXA1.csv' on 'Acute Myeloid Leukemia'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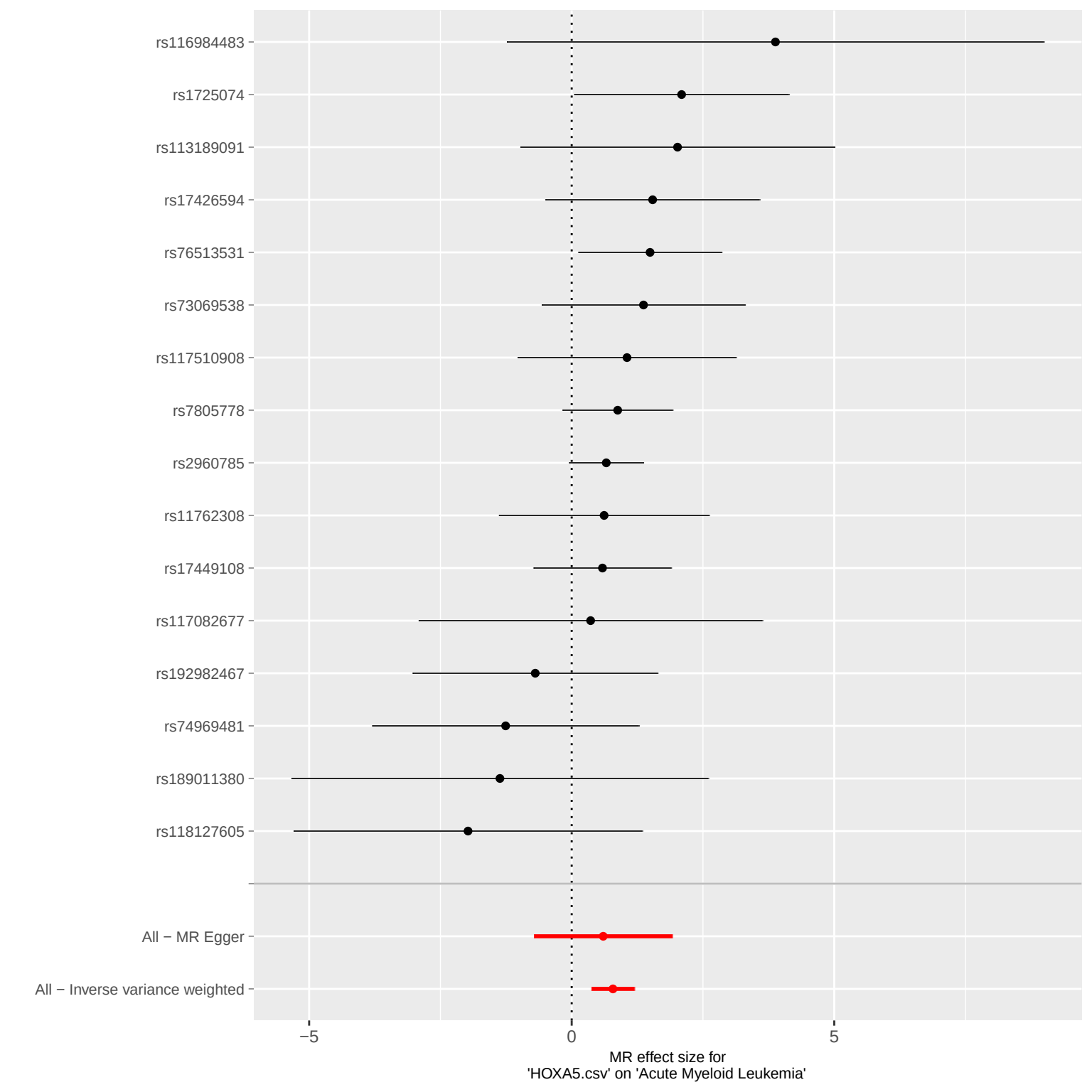
rs139990708
rs213530
rs213537
rs799238
rs113429260
rs73073796
rs17426587
rs10226436
rs185554837
rs10081212
rs118127605
rs189011380
rs3915203
rs147853527
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'HOXA2.csv' on 'Acute Myeloid Leukemia'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rs7805778
rs2960785
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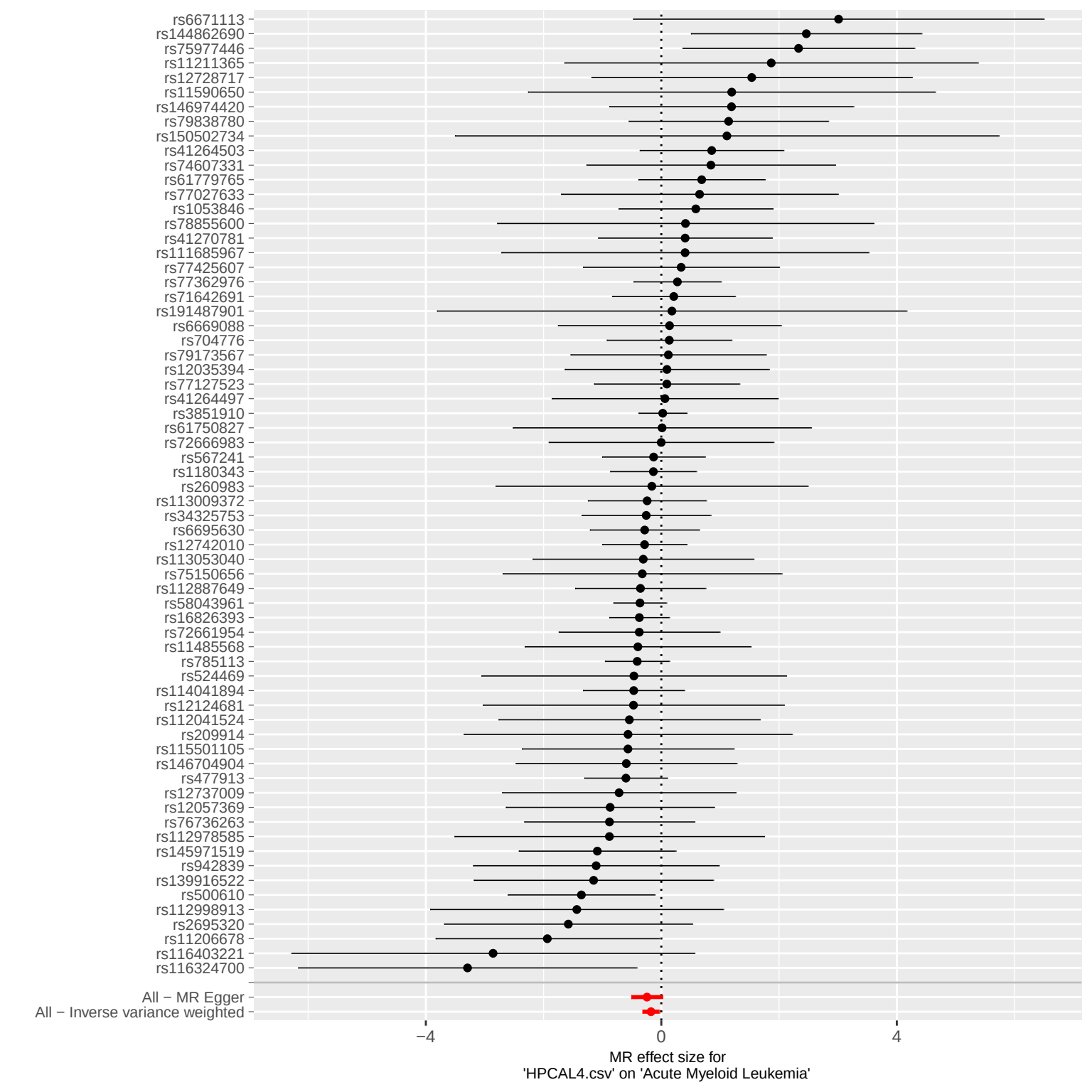
rs17449108
rs117082677
rs192982467
rs74969481
rs189011380
rs118127605
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'HOXA5.csv' on 'Acute Myeloid Leukemia'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rs500610
rs112998913
rs2695320
rs11206678
rs116403221
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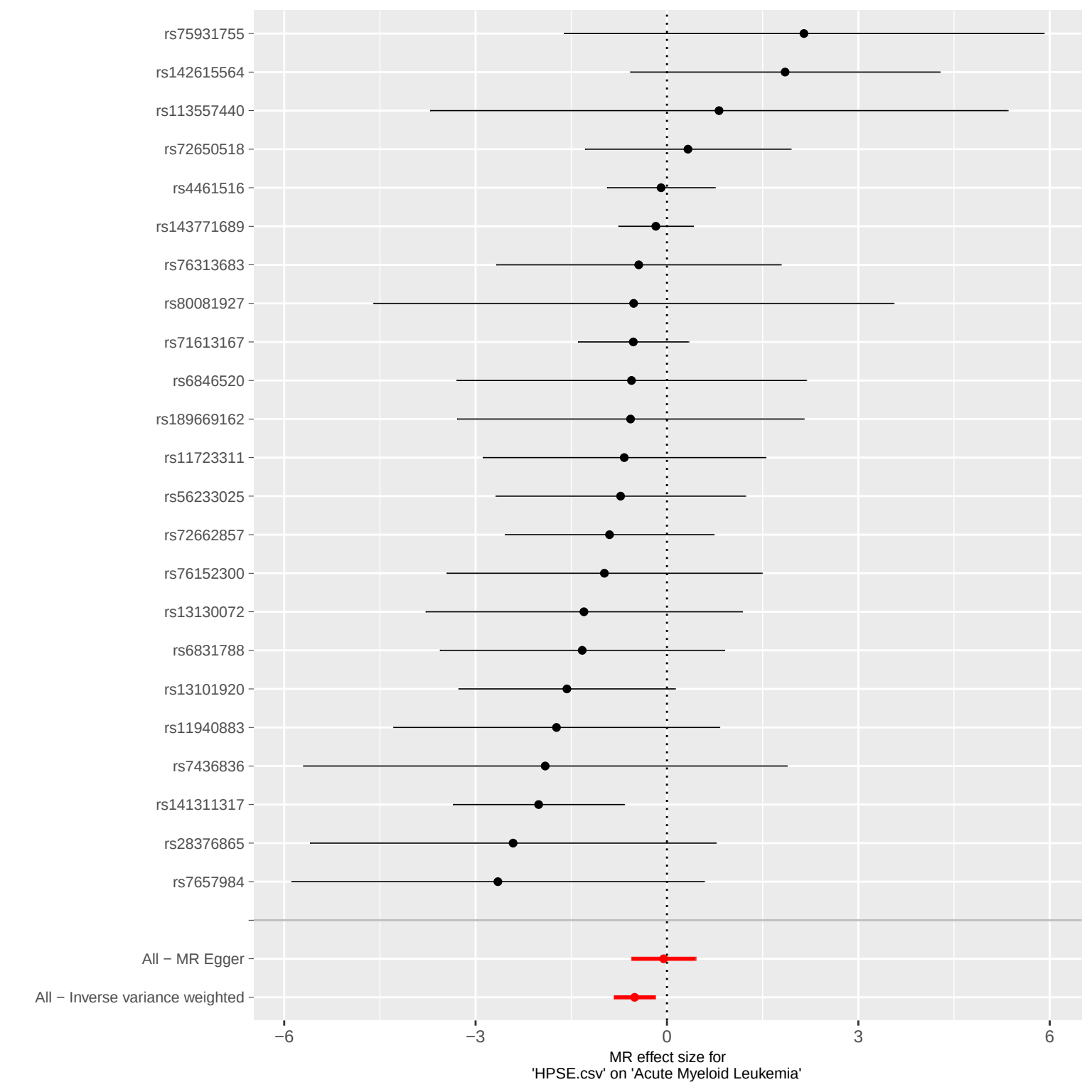
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'HPCAL4.csv' on 'Acute Myeloid Leukemia'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rs6846520
rs189669162
rs11723311
rs56233025
rs72662857
rs76152300
rs13130072
rs6831788
rs13101920
rs11940883
rs7436836
rs141311317
rs28376865
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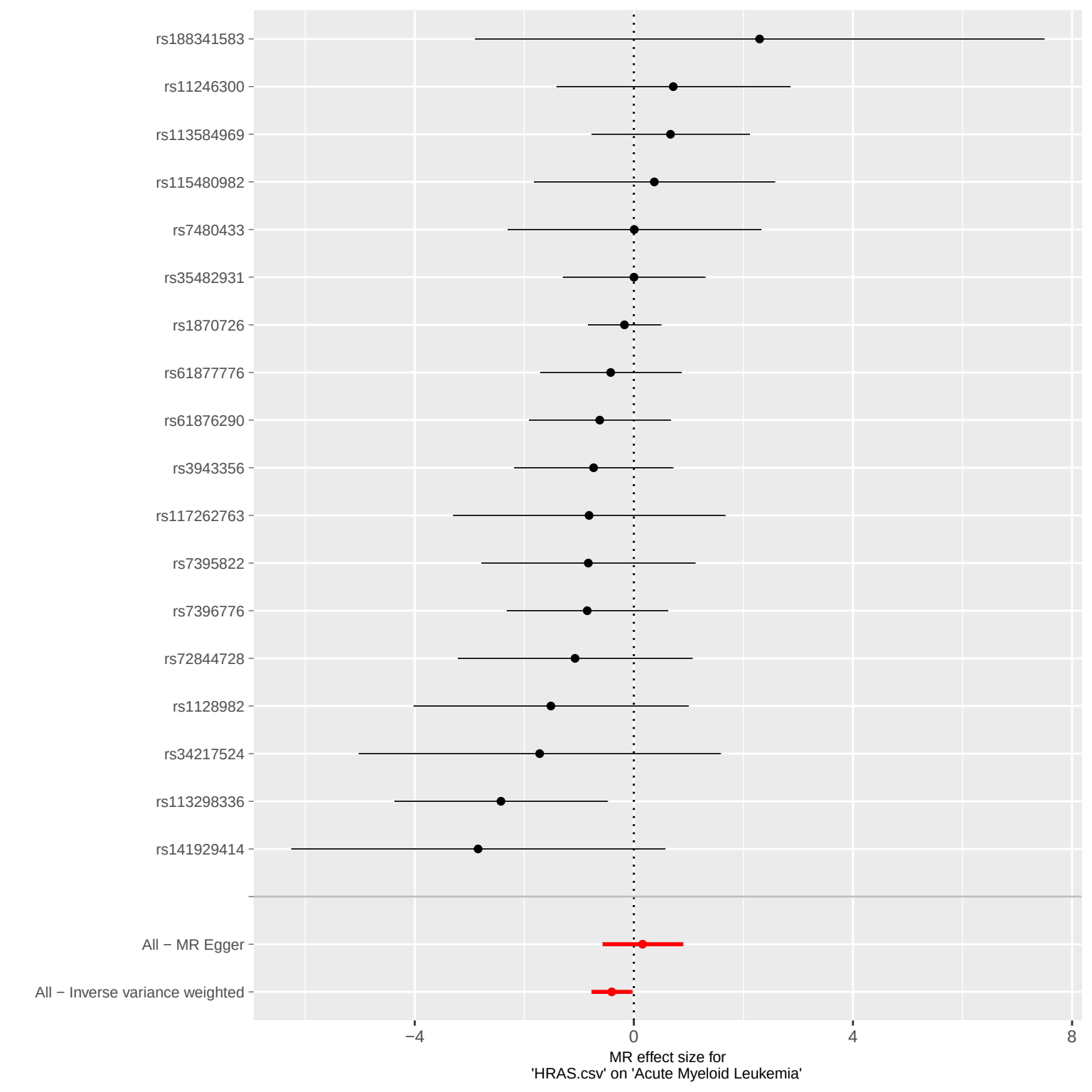
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'HPSE.csv' on 'Acute Myeloid Leukemia'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rs7395822
rs7396776
rs72844728
rs1128982
rs34217524
rs113298336
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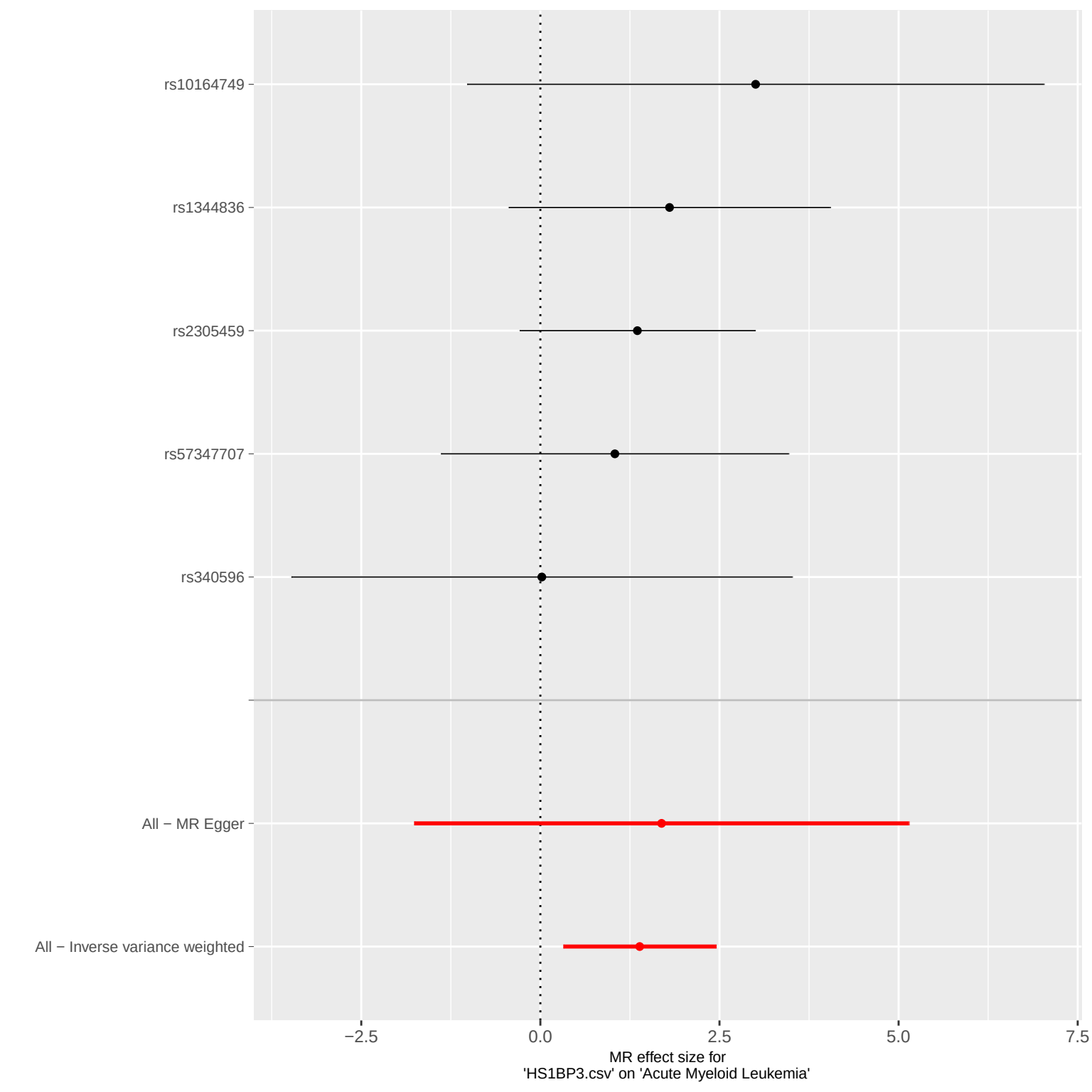
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'HRAS.csv' on 'Acute Myeloid Leukemia'


rs10164749
rs1344836
rs2305459
rs57347707
rs340596
All − MR Egger
All − Inverse variance weighted
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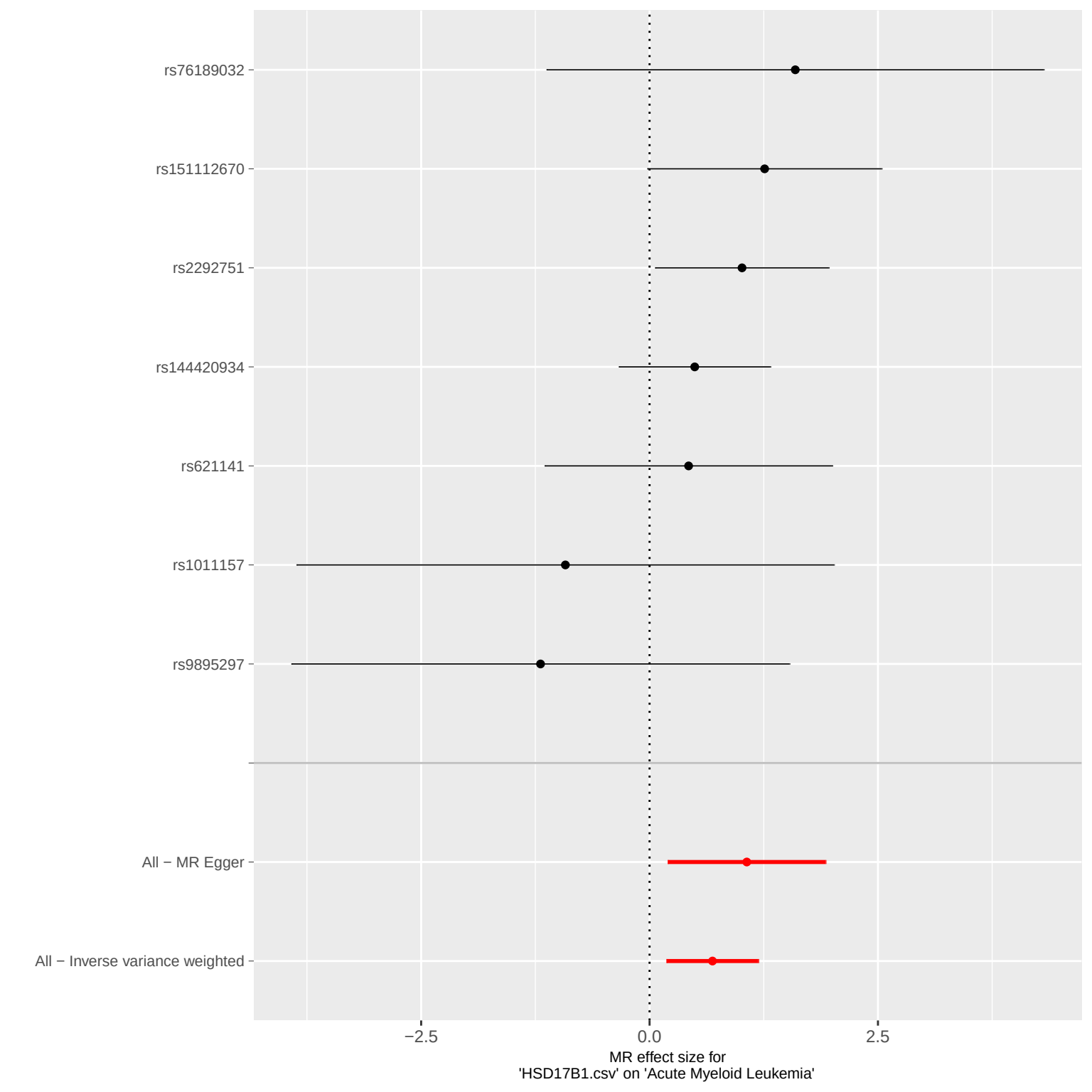
0.0
2.5
5.0
7.5
MR effect size for
'HS1BP3.csv' on 'Acute Myeloid Leukemia'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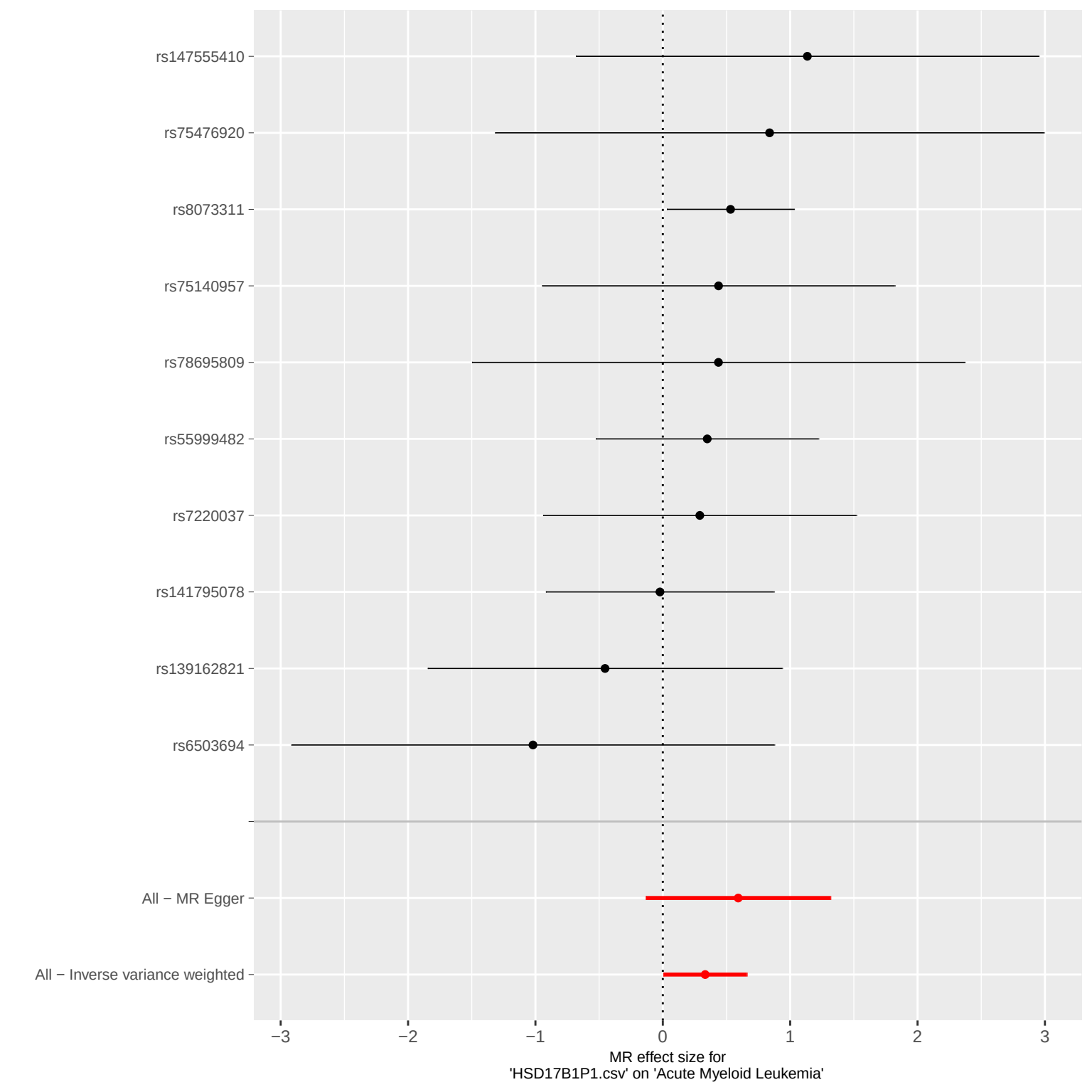
rs151112670
rs2292751
rs144420934
rs621141
rs1011157
rs9895297
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'HSD17B1.csv' on 'Acute Myeloid Leukemia'


rs147555410
rs75476920
rs8073311
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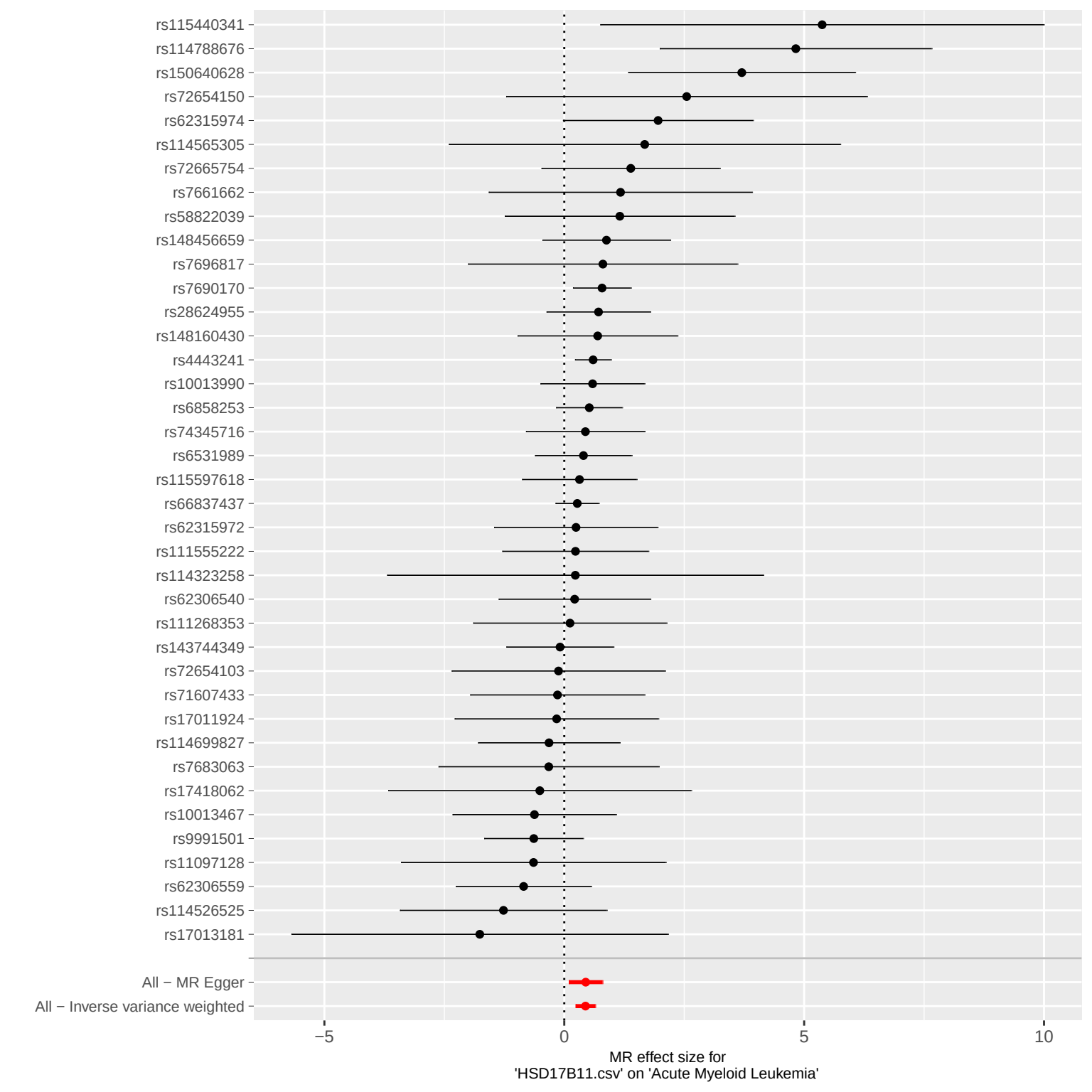
rs78695809
rs55999482
rs7220037
rs141795078
rs139162821
rs6503694
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'HSD17B1P1.csv' on 'Acute Myeloid Leukemia'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rs7696817
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rs6858253
rs74345716
rs6531989
rs115597618
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rs143744349
rs72654103
rs71607433
rs17011924
rs114699827
rs7683063
rs17418062
rs10013467
rs9991501
rs11097128
rs62306559
rs114526525
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All − MR Egger
All − Inverse variance weighted
−5
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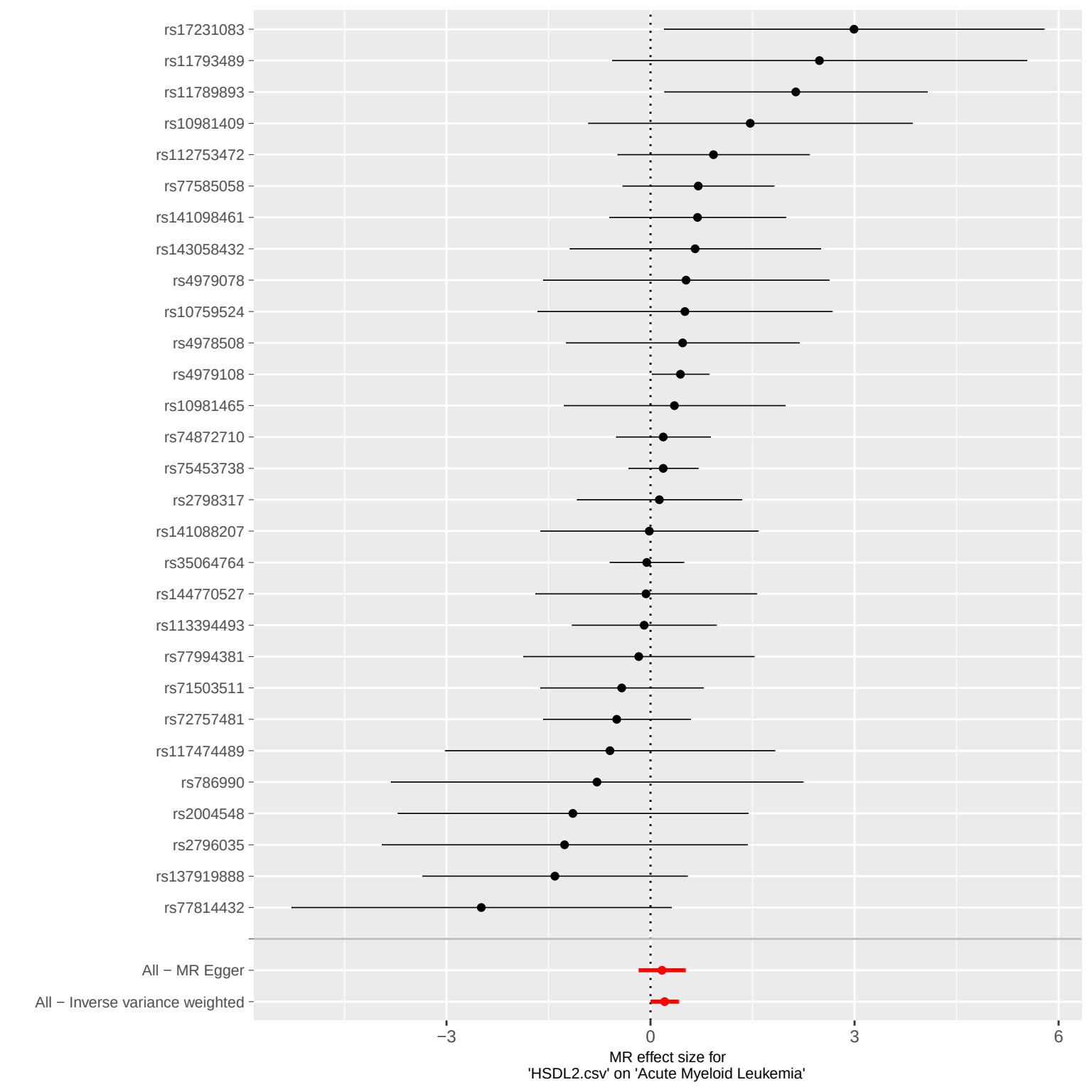
5
10
MR effect size for
'HSD17B11.csv' on 'Acute Myeloid Leukemia'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rs4978508
rs4979108
rs10981465
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rs75453738
rs2798317
rs141088207
rs35064764
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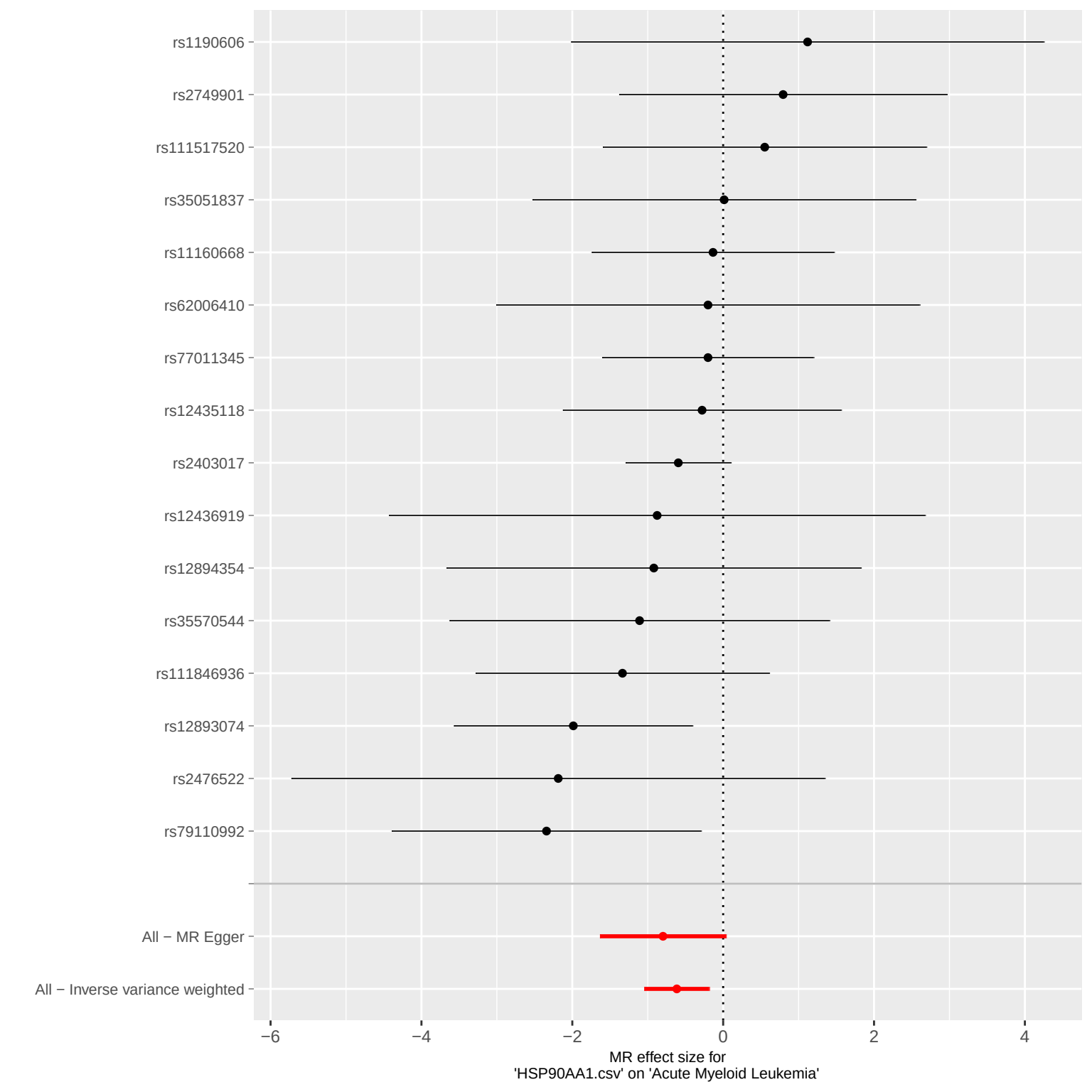
rs113394493
rs77994381
rs71503511
rs72757481
rs117474489
rs786990
rs2004548
rs2796035
rs137919888
rs77814432
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'HSDL2.csv' on 'Acute Myeloid Leukemia'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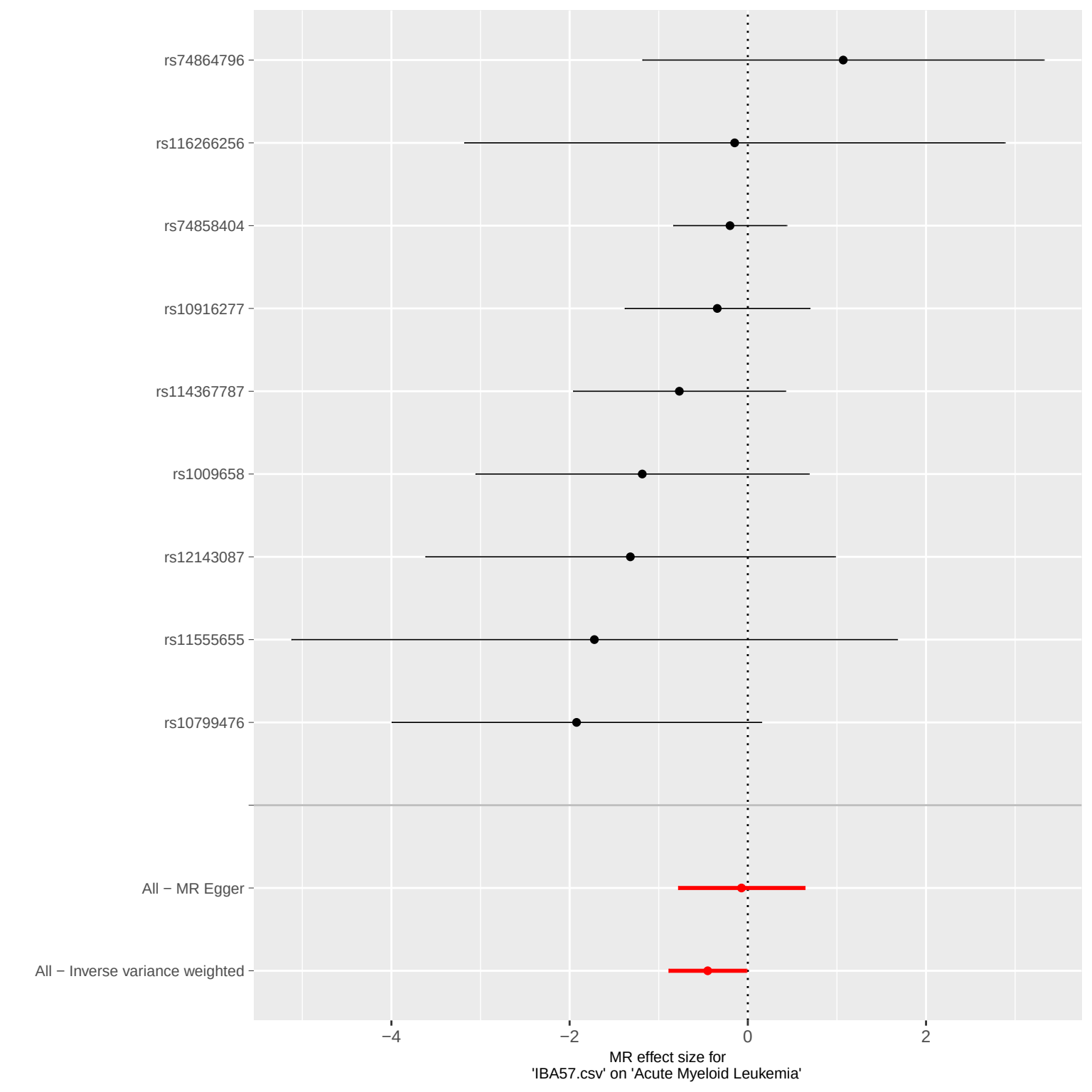
rs35570544
rs111846936
rs12893074
rs2476522
rs79110992
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'HSP90AA1.csv' on 'Acute Myeloid Leukemia'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rs74858404
rs10916277
rs114367787
rs1009658
rs12143087
rs11555655
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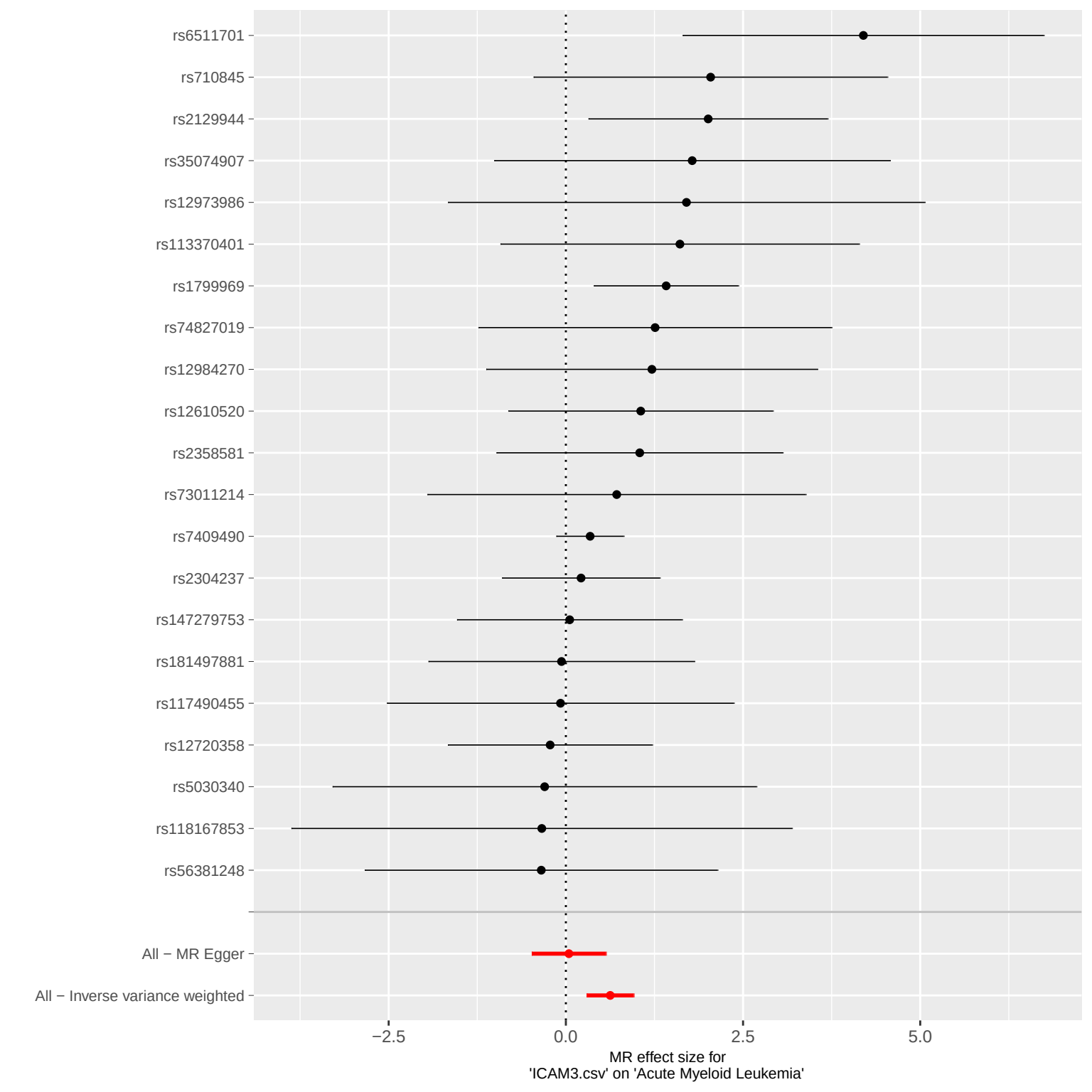
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IBA57.csv' on 'Acute Myeloid Leukemia'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rs2304237
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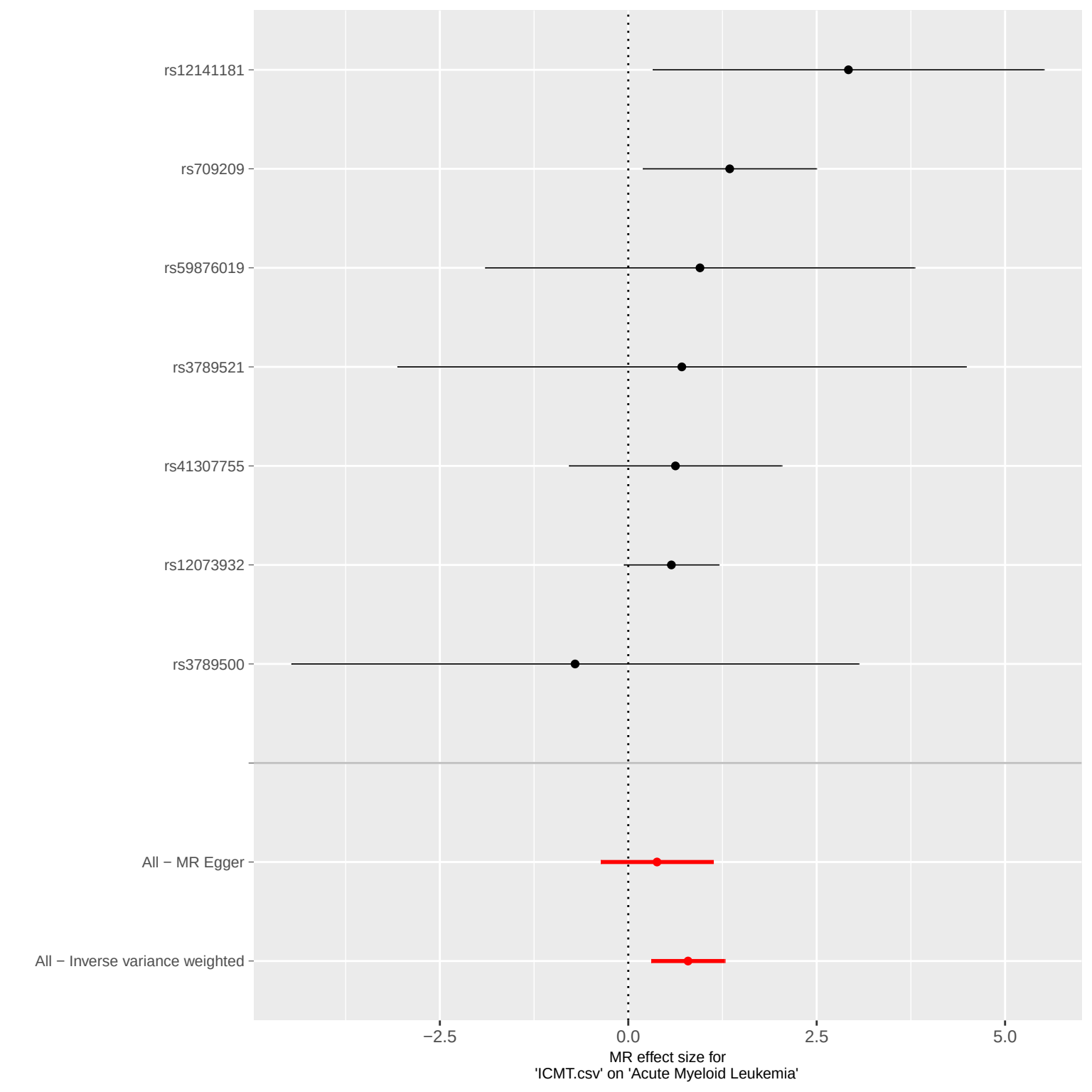
rs56381248
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ICAM3.csv' on 'Acute Myeloid Leukemia'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rs3789500
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All − Inverse variance weighted
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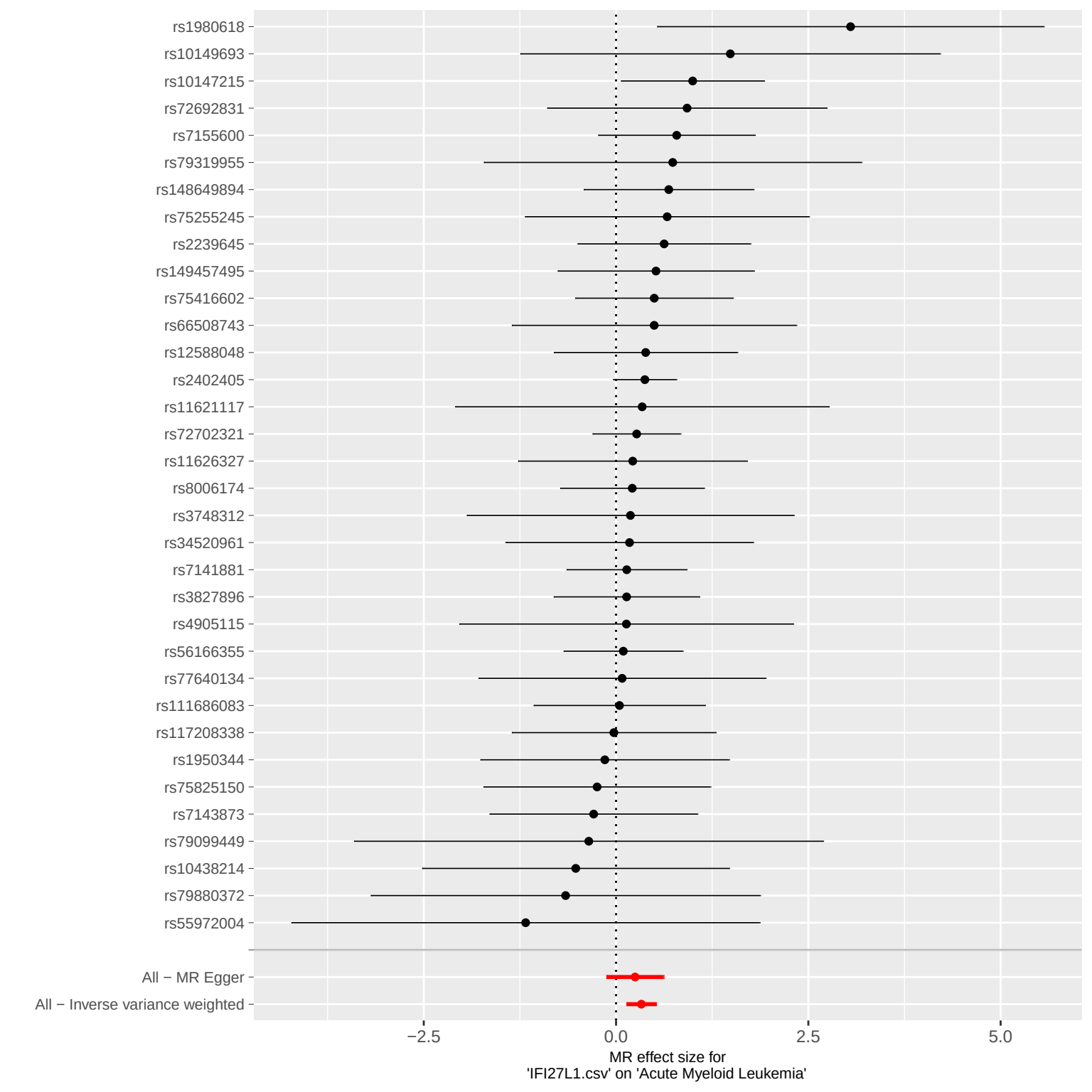
0.0
2.5
5.0
MR effect size for
'ICMT.csv' on 'Acute Myeloid Leukemia'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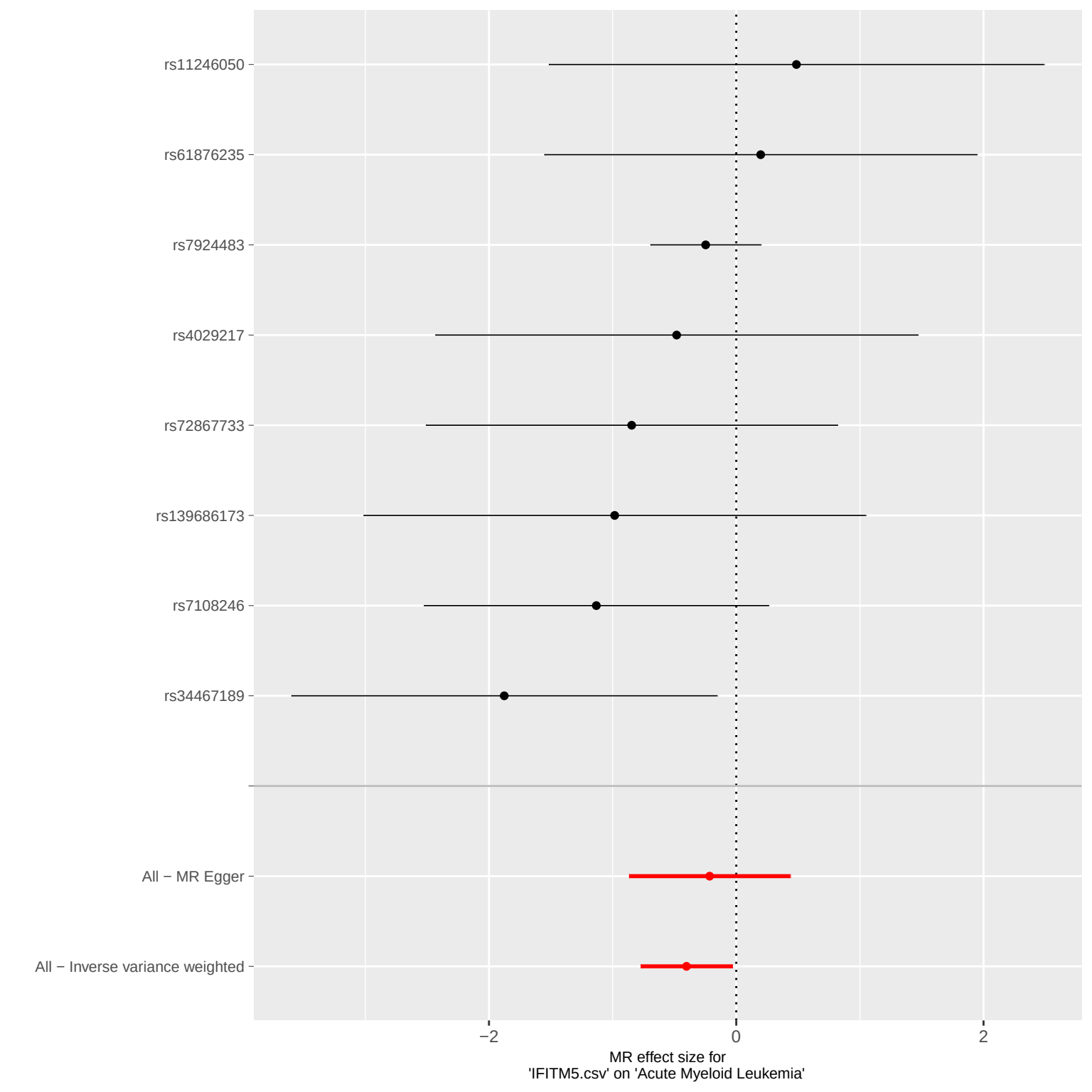
rs2402405
rs11621117
rs72702321
rs11626327
rs8006174
rs3748312
rs34520961
rs7141881
rs3827896
rs4905115
rs56166355
rs77640134
rs111686083
rs117208338
rs1950344
rs75825150
rs7143873
rs79099449
rs10438214
rs79880372
rs55972004
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'IFI27L1.csv' on 'Acute Myeloid Leukemia'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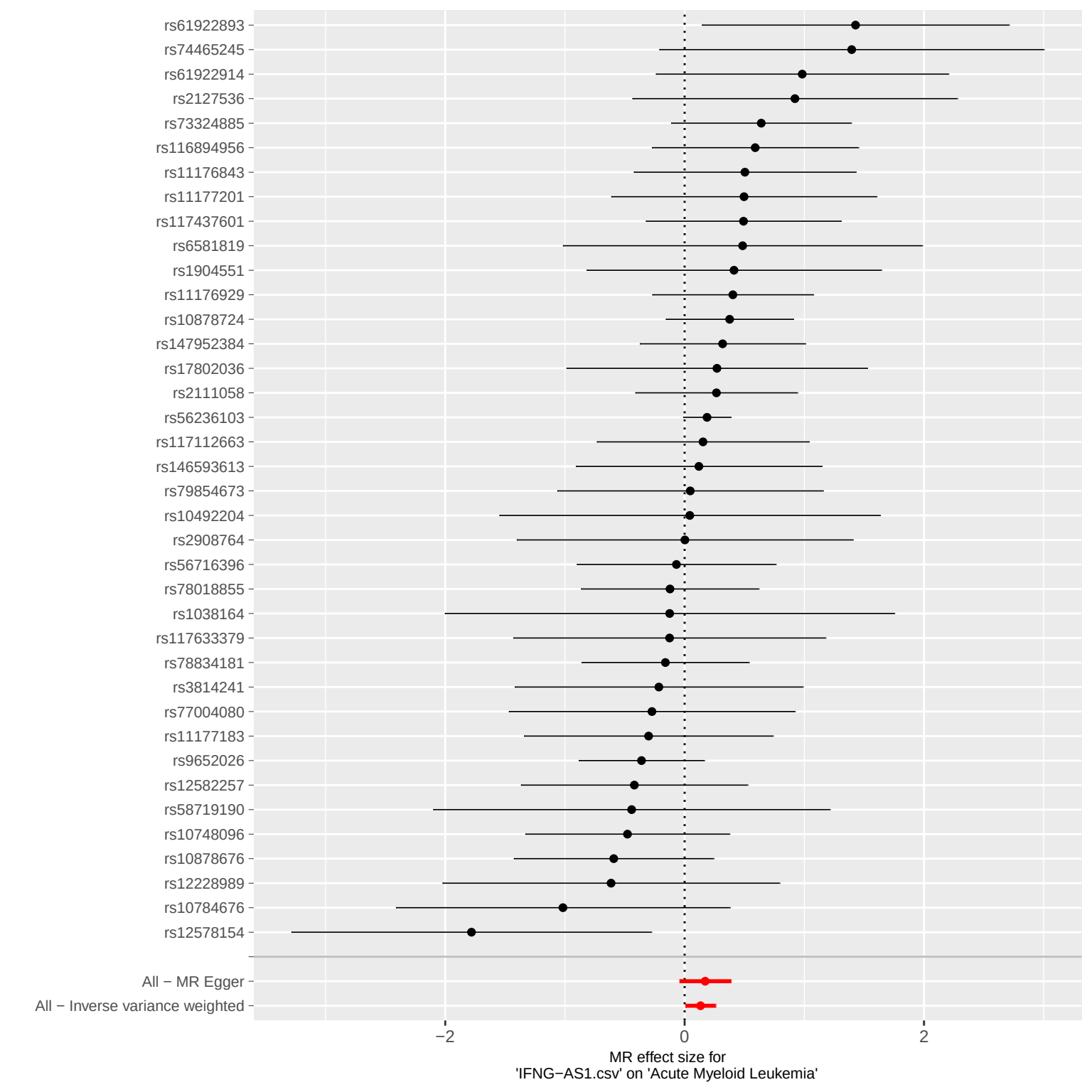
rs61876235
rs7924483
rs4029217
rs72867733
rs139686173
rs7108246
rs34467189
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'IFITM5.csv' on 'Acute Myeloid Leukemia'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rs78834181
rs3814241
rs77004080
rs11177183
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rs58719190
rs10748096
rs10878676
rs12228989
rs10784676
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All − MR Egger
All − Inverse variance weighted
−2
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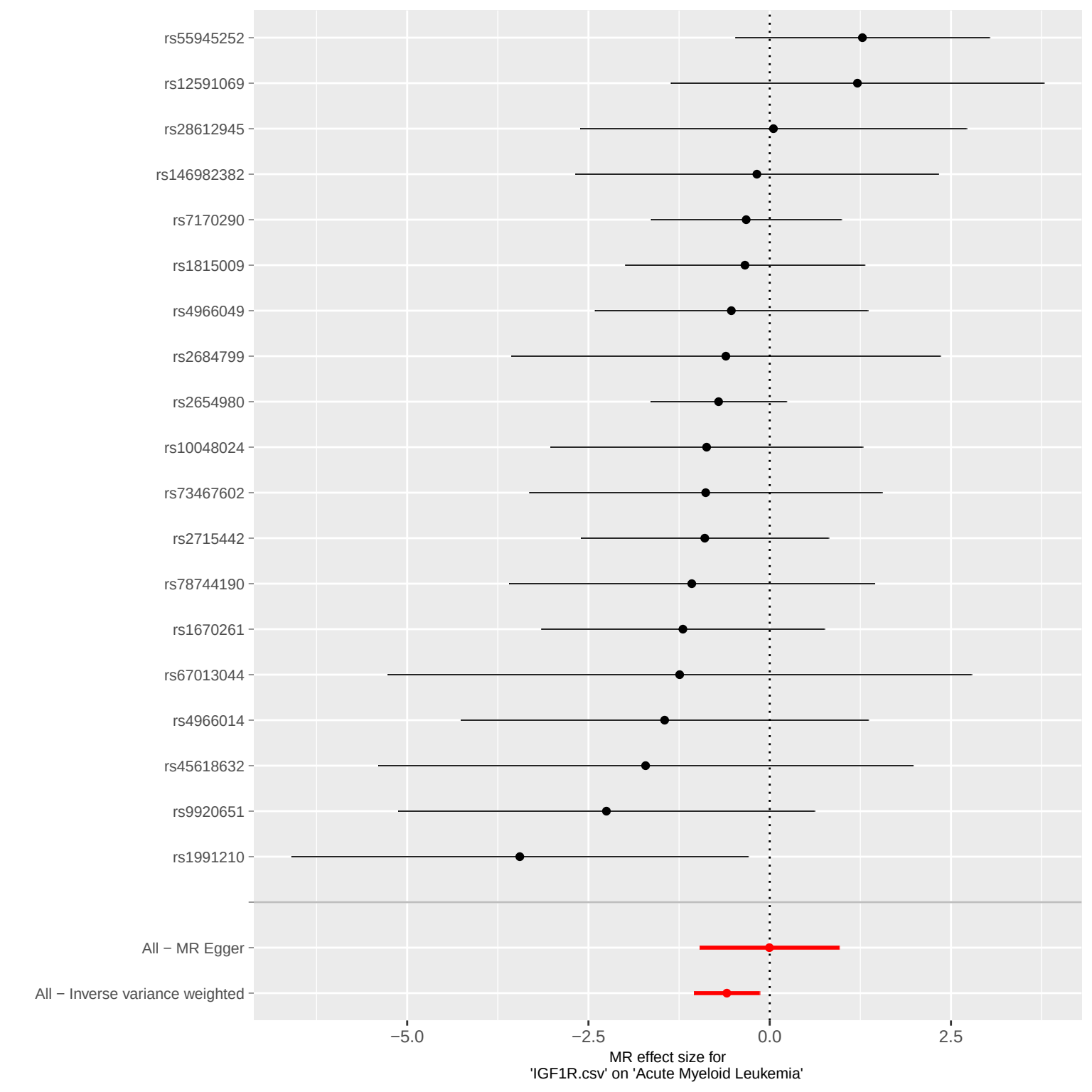
2
MR effect size for
'IFNG−AS1.csv' on 'Acute Myeloid Leukemia'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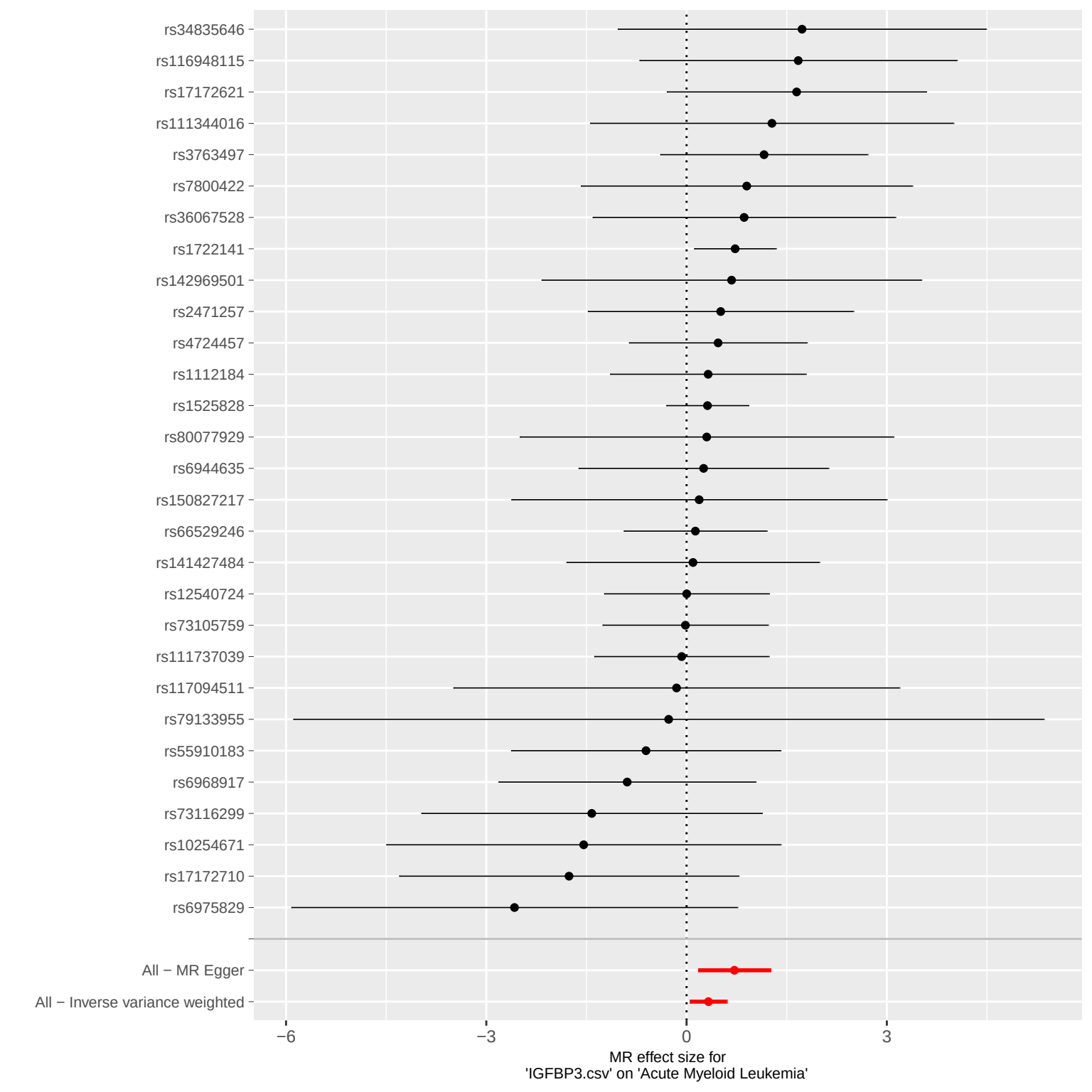
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'IGF1R.csv' on 'Acute Myeloid Leukemia'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rs73116299
rs10254671
rs17172710
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All − MR Egger
All − Inverse variance weighted
−6
−3
0
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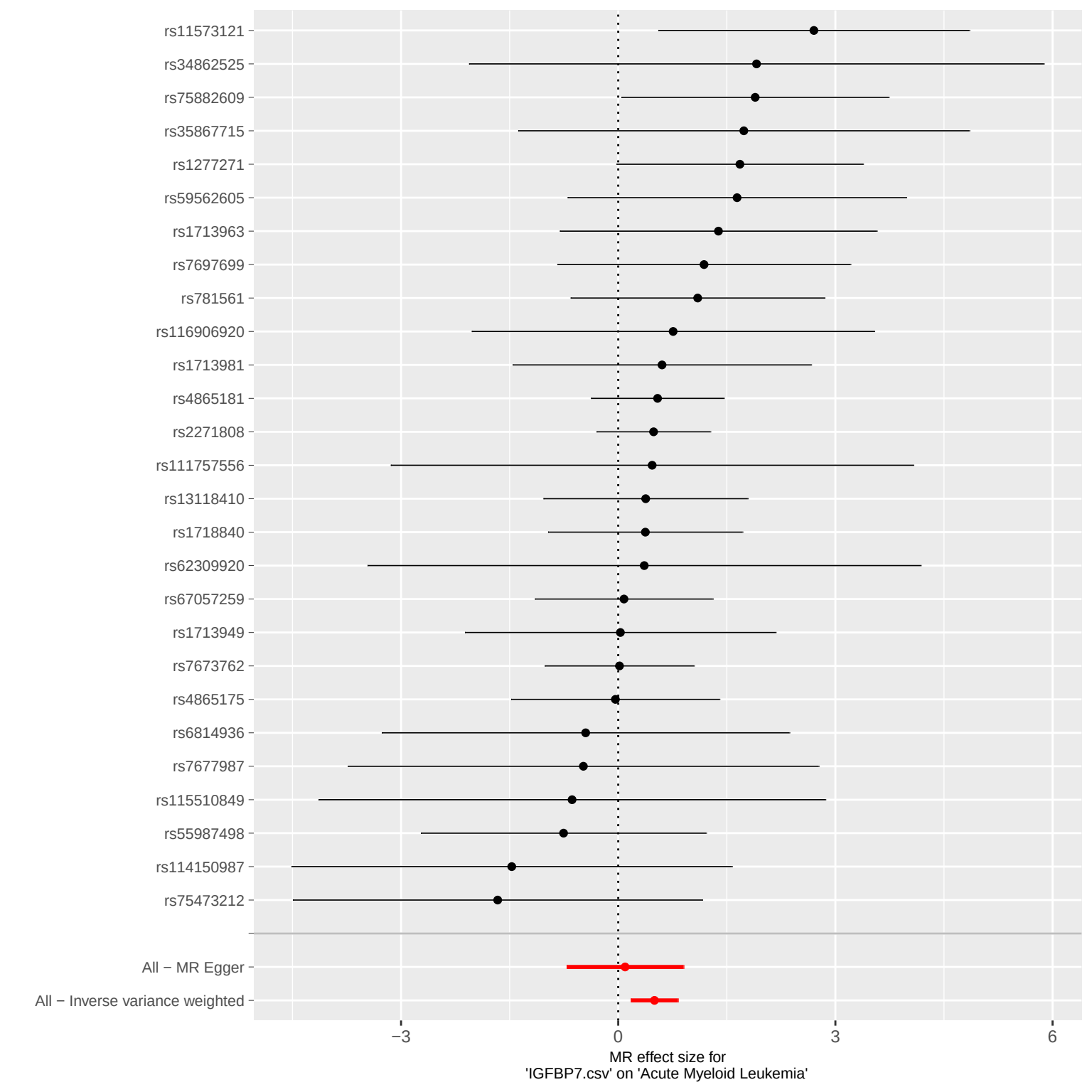
MR effect size for
'IGFBP3.csv' on 'Acute Myeloid Leukemia'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rs7677987
rs115510849
rs55987498
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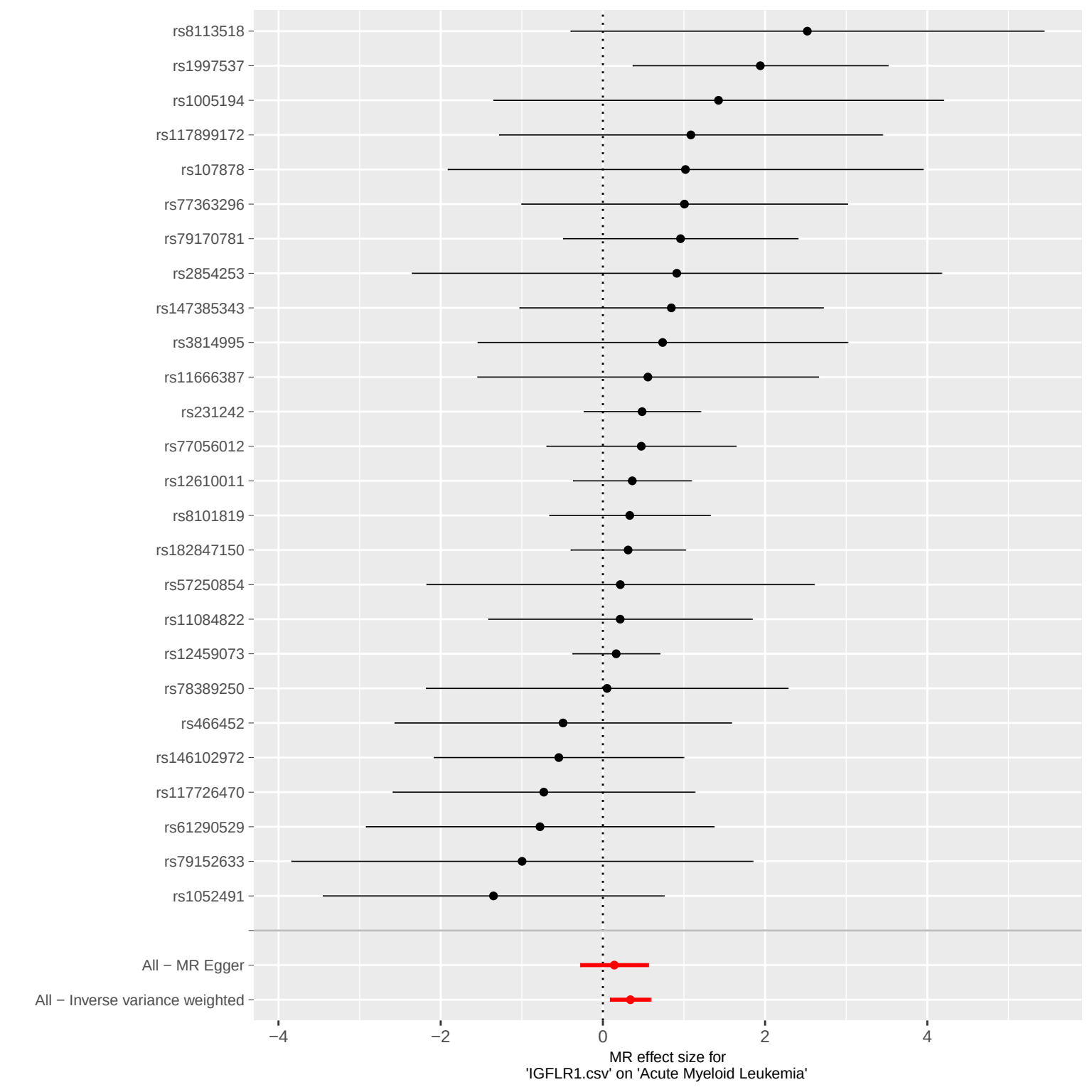
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'IGFBP7.csv' on 'Acute Myeloid Leukemia'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rs466452
rs146102972
rs117726470
rs61290529
rs79152633
rs1052491
All − MR Egger
All − Inverse variance weighted
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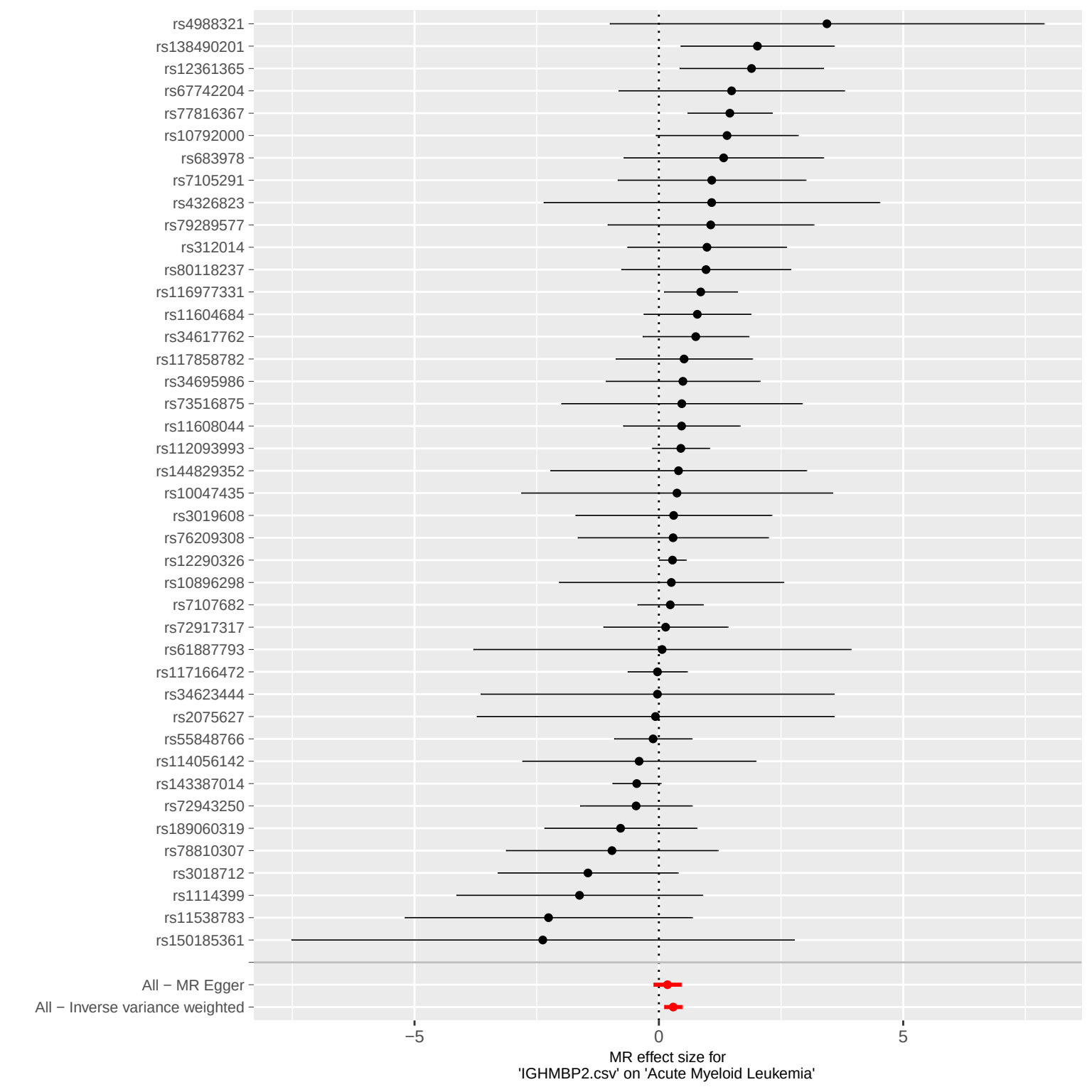
−2
0
2
4
MR effect size for
'IGFLR1.csv' on 'Acute Myeloid Leukemia'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rs7107682
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rs1114399
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All − Inverse variance weighted
−5
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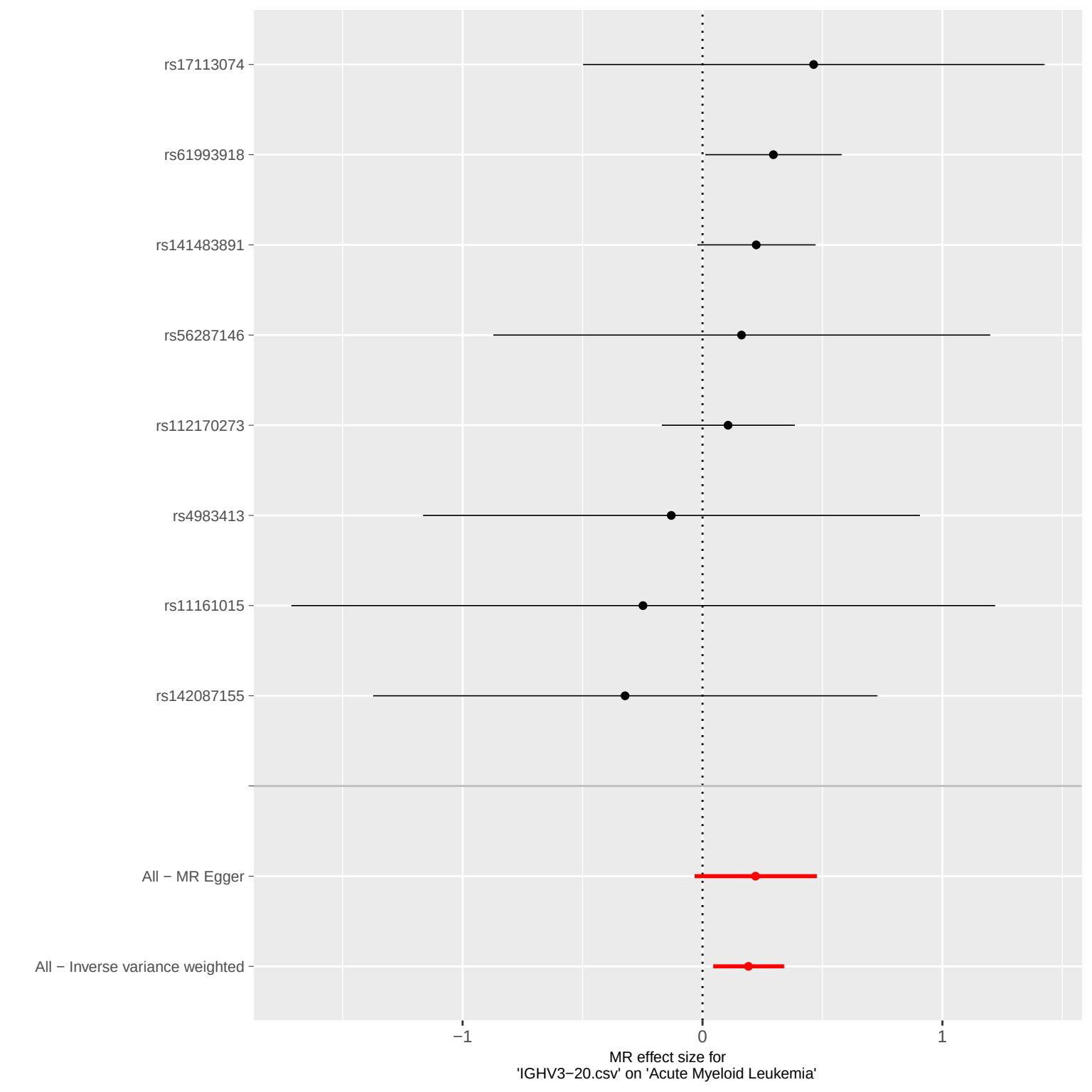
5
MR effect size for
'IGHMBP2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−1
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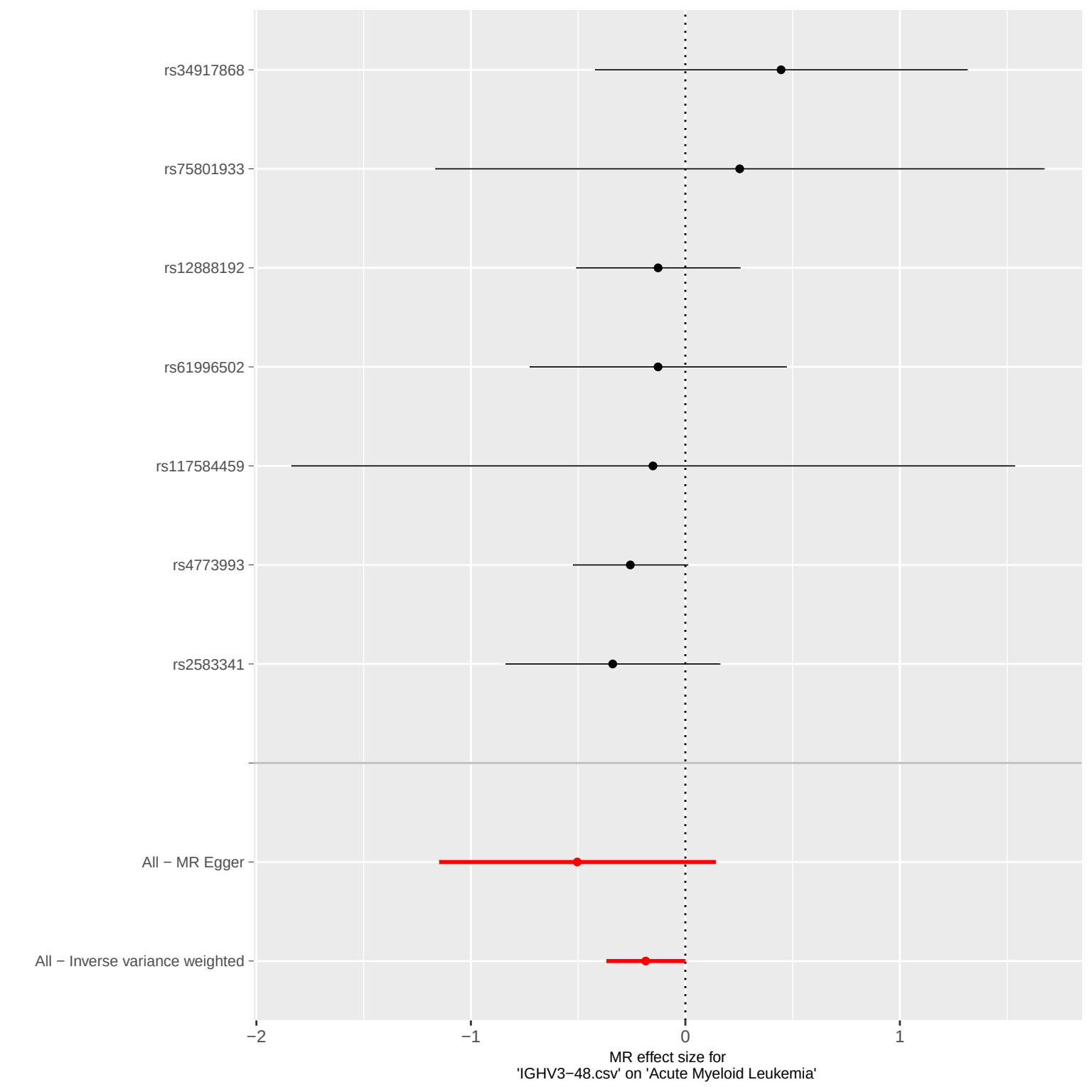
MR effect size for
'IGHV3−20.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
−2
−1
0
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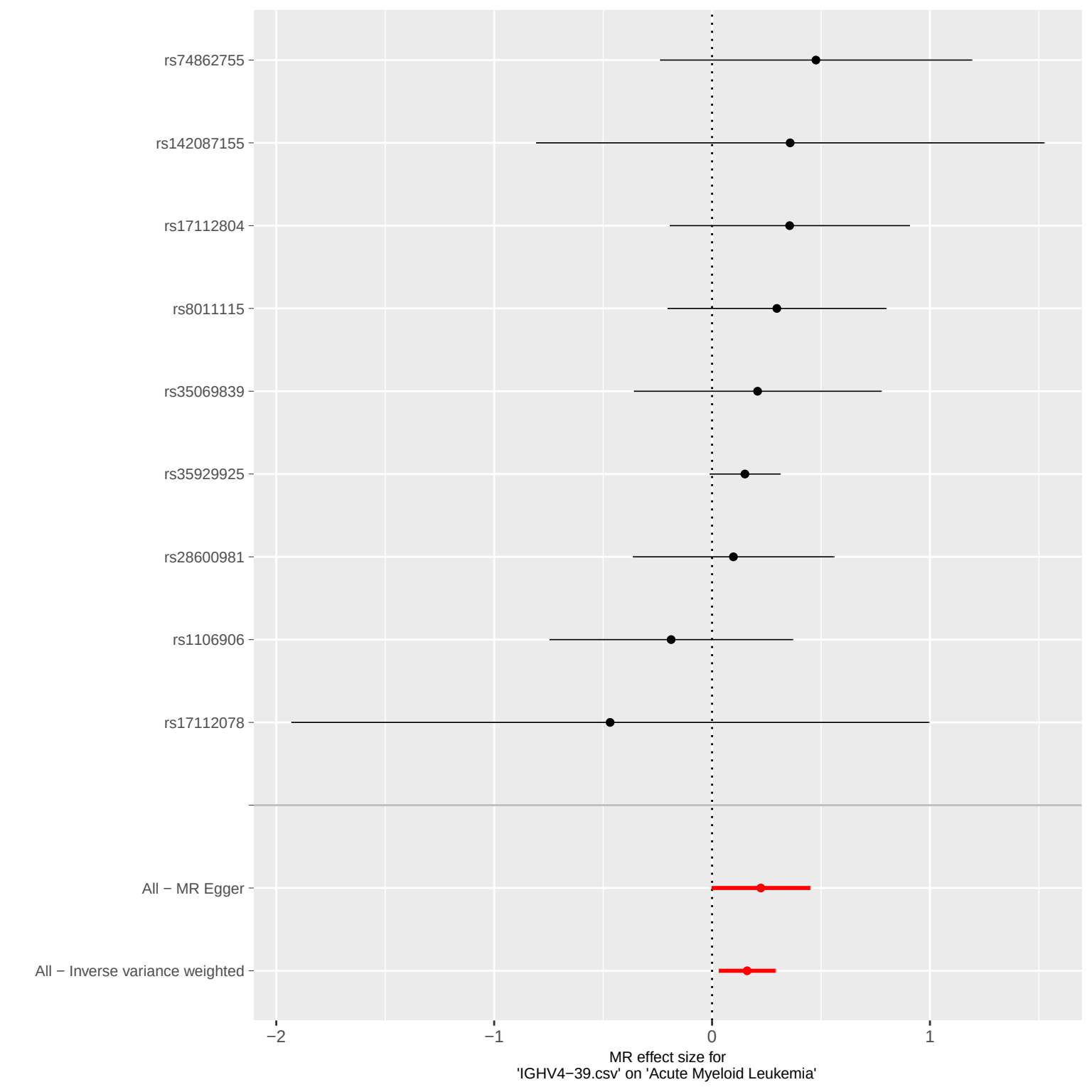
MR effect size for
'IGHV3−48.csv' on 'Acute Myeloid Leukemia'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rs28600981
rs1106906
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All − Inverse variance weighted
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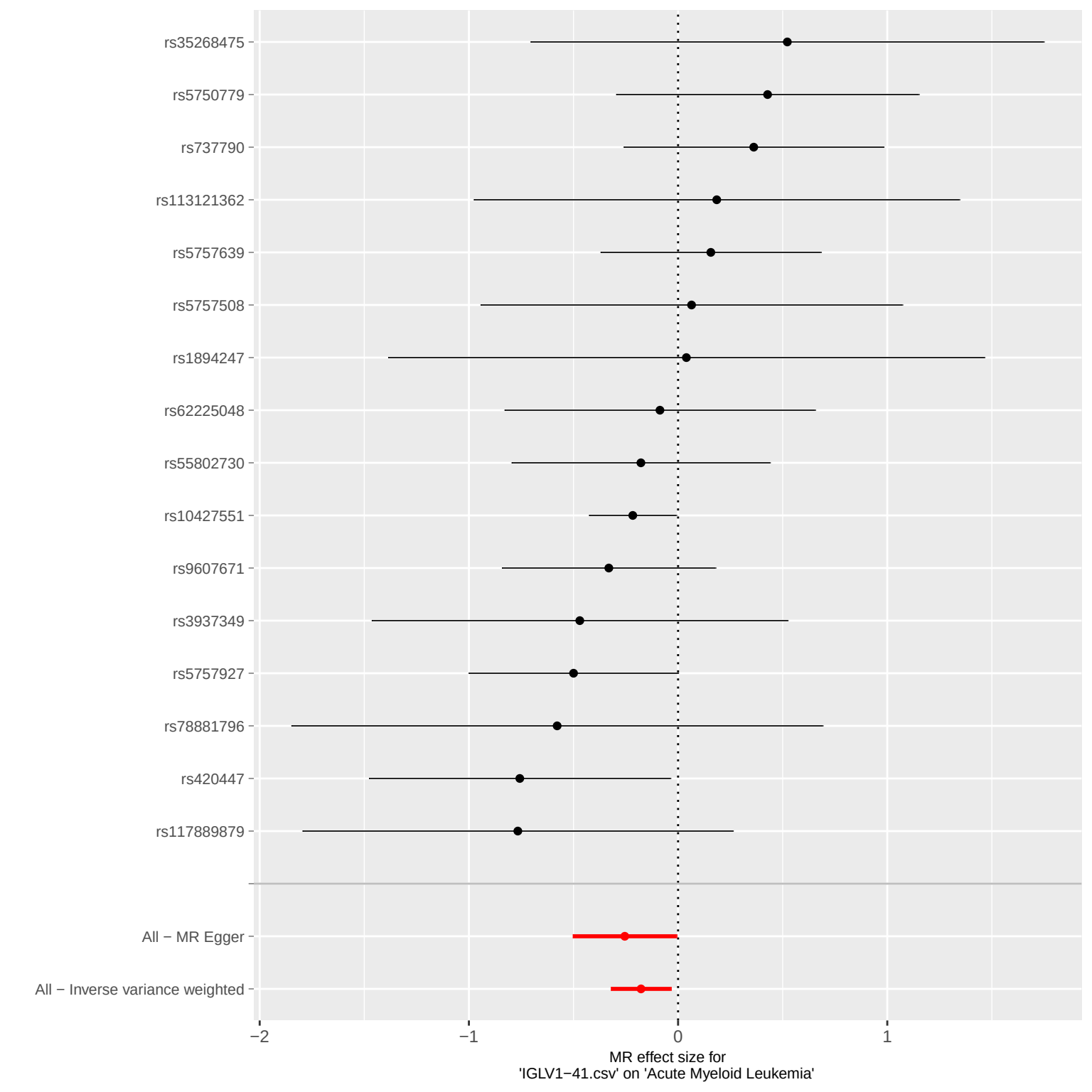
−1
0
1
MR effect size for
'IGHV4−39.csv' on 'Acute Myeloid Leukemia'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rs3937349
rs5757927
rs78881796
rs420447
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All − MR Egger
All − Inverse variance weighted
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−1
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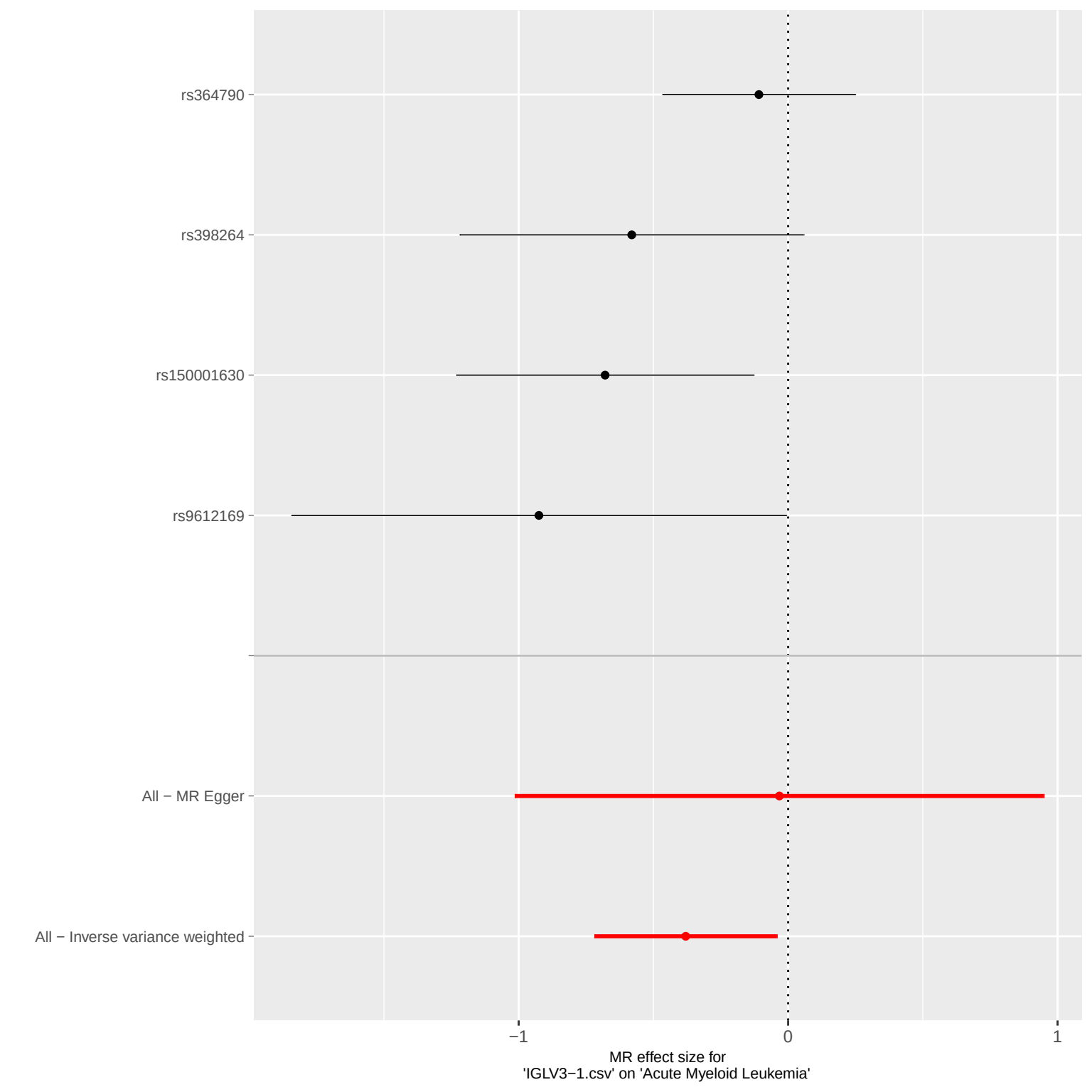
'IGLV1−41.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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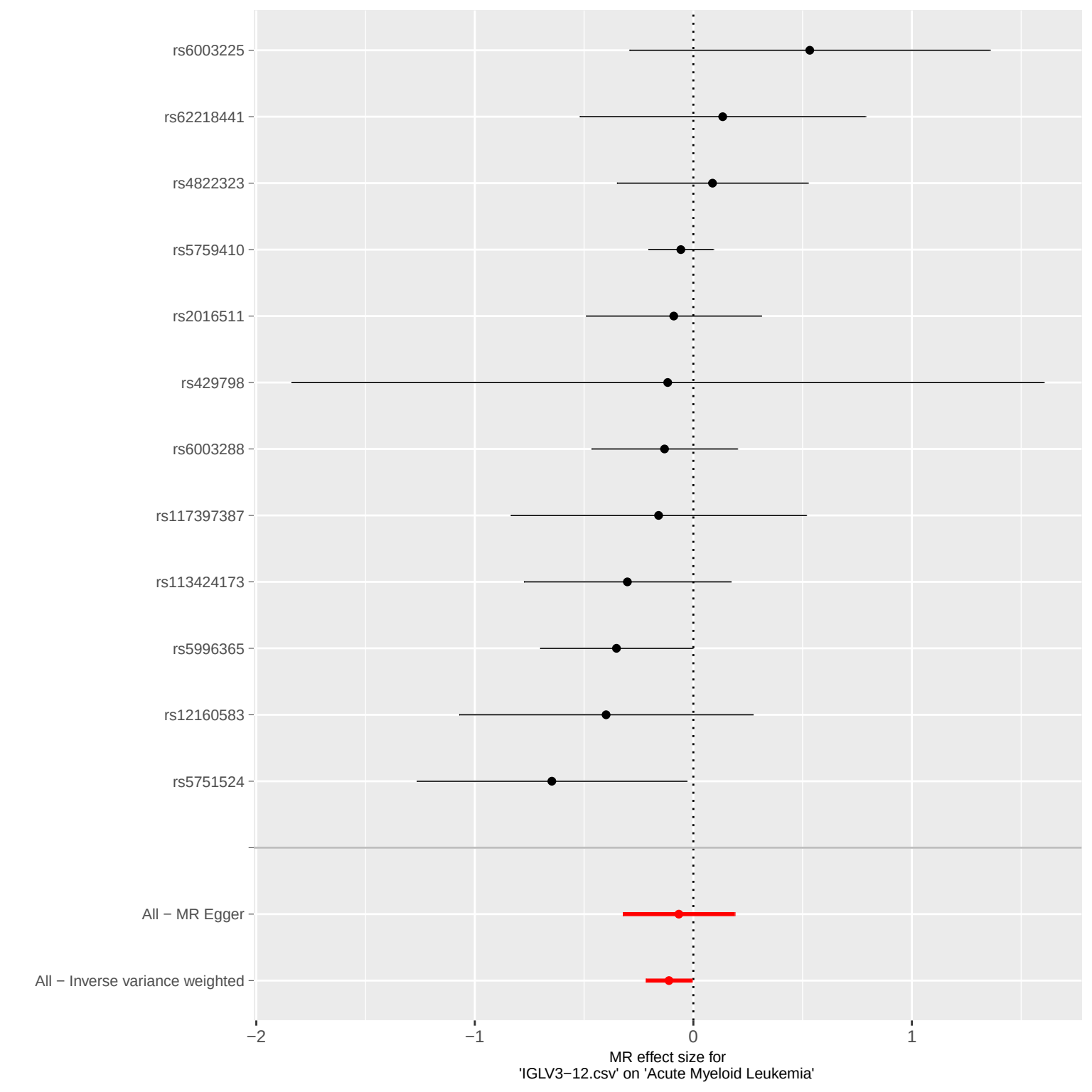
MR effect size for
'IGLV3−1.csv' on 'Acute Myeloid Leukemia'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rs12160583
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All − MR Egger
All − Inverse variance weighted
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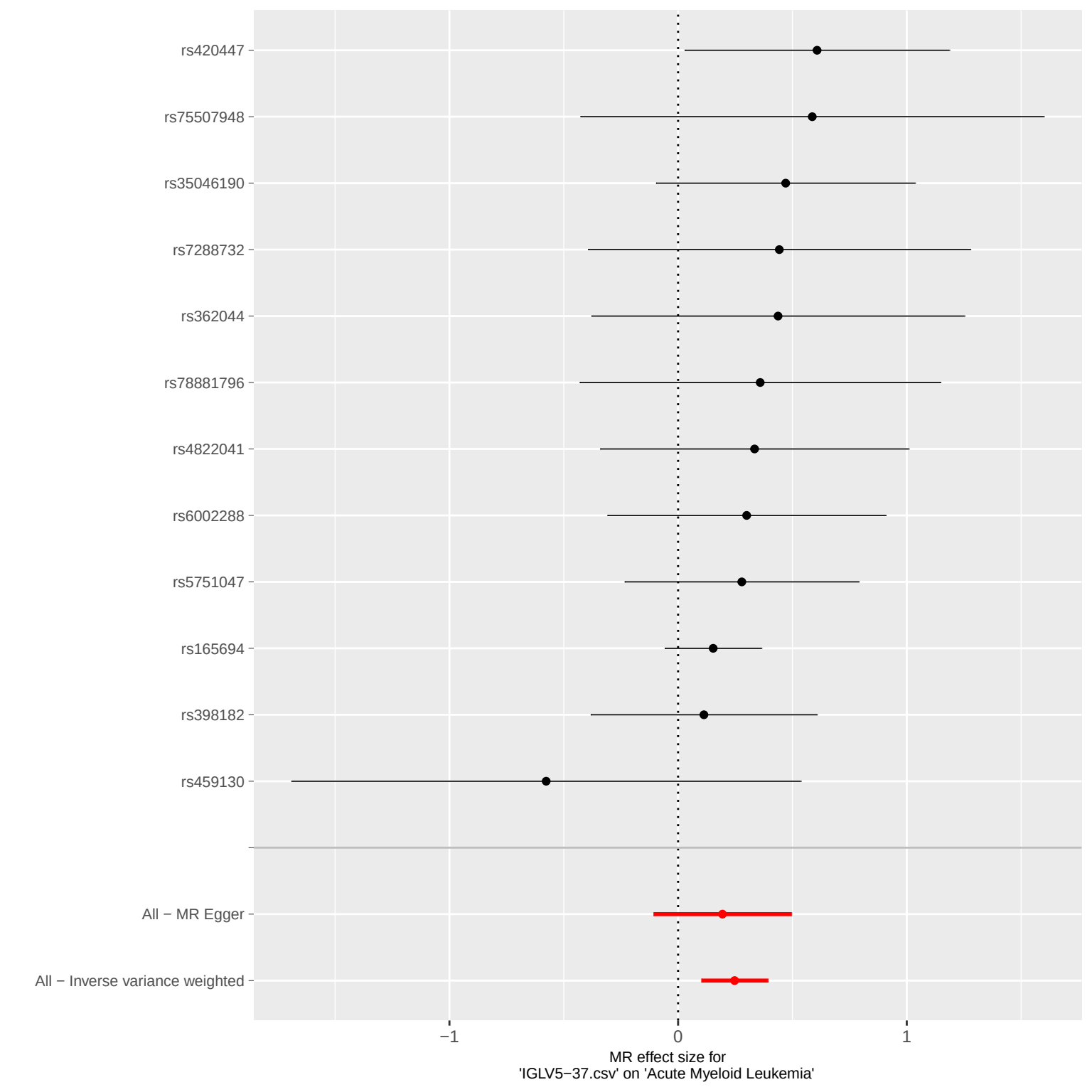
MR effect size for
'IGLV3−12.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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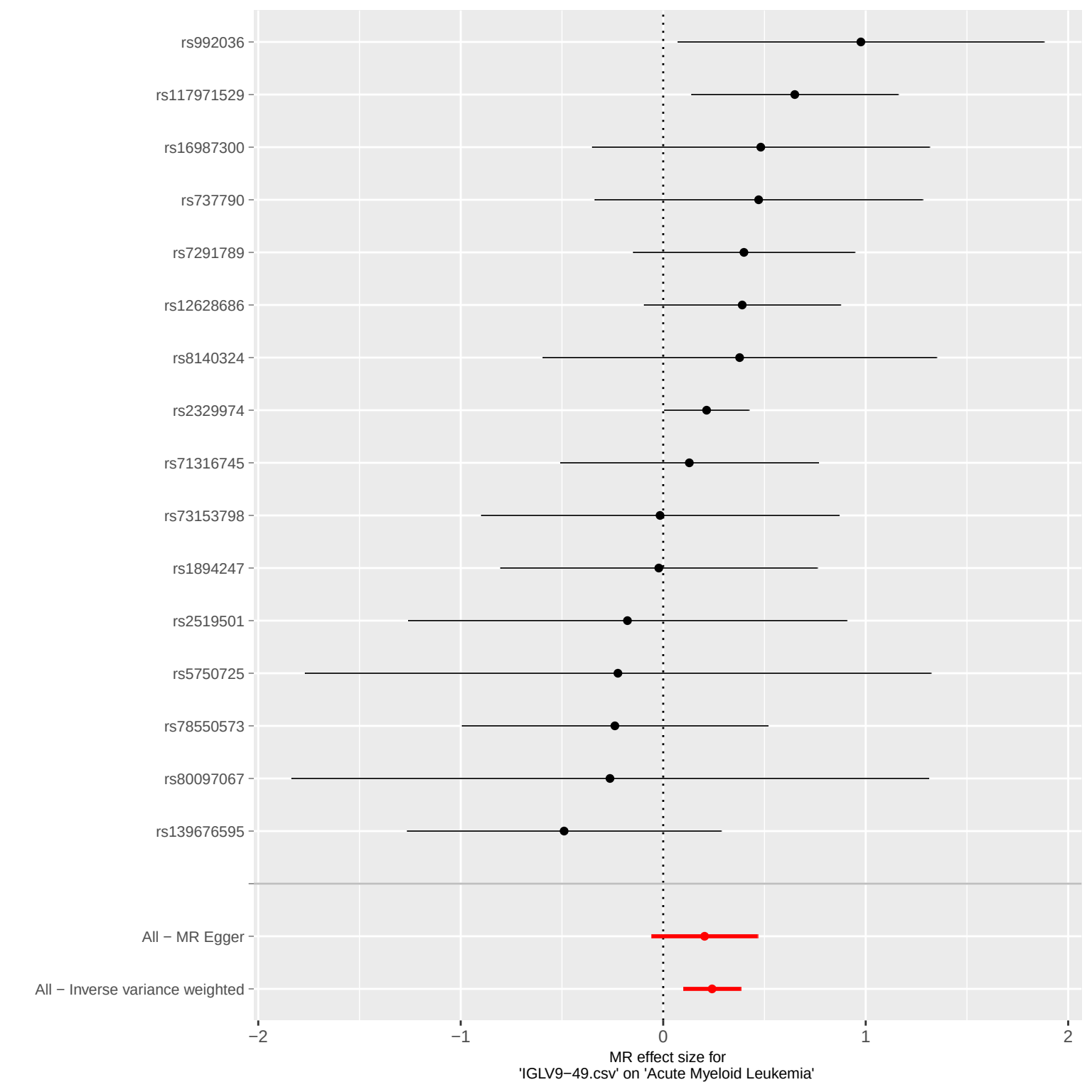
0
1
MR effect size for
'IGLV5−37.csv' on 'Acute Myeloid Leukemia'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rs8140324
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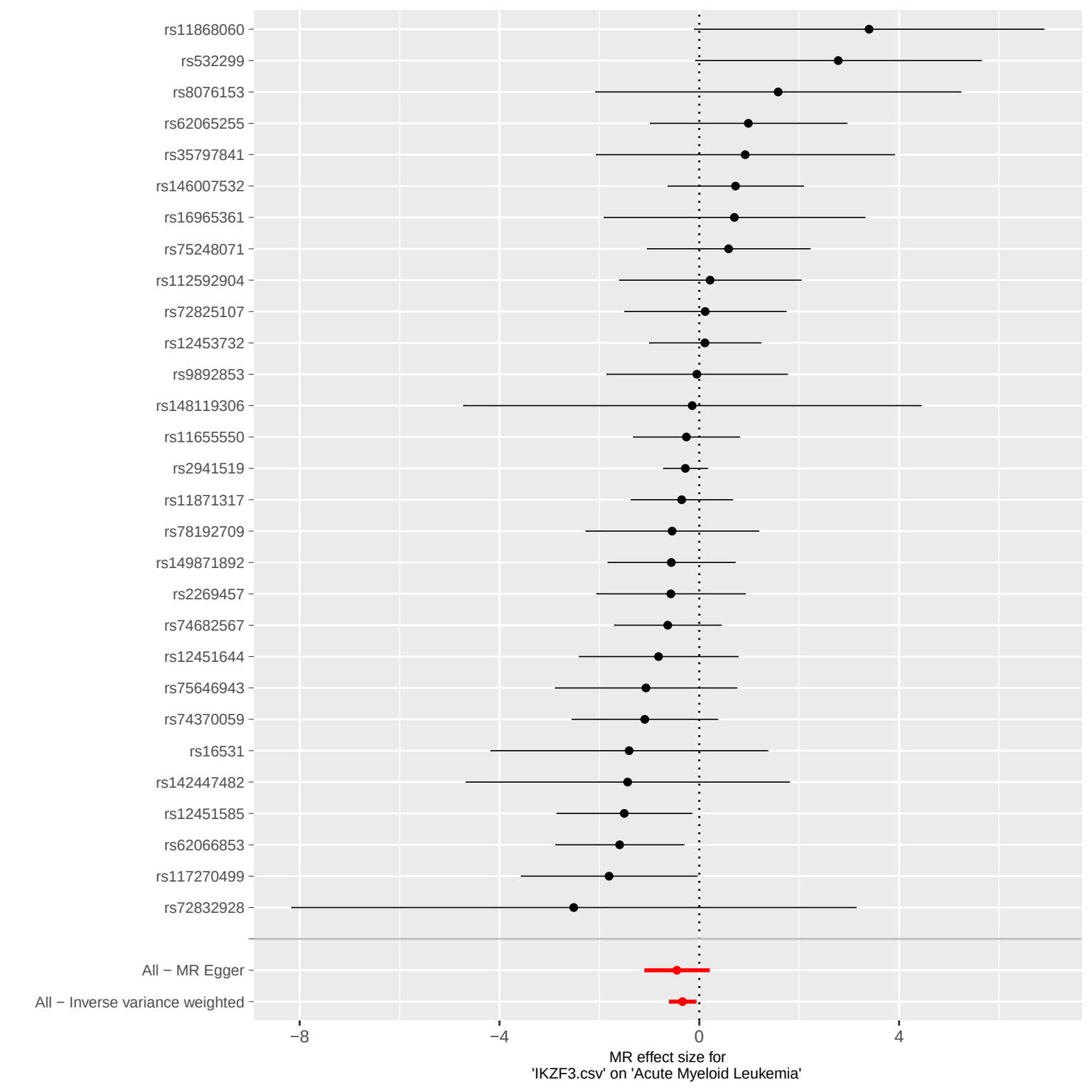
rs71316745
rs73153798
rs1894247
rs2519501
rs5750725
rs78550573
rs80097067
rs139676595
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'IGLV9−49.csv' on 'Acute Myeloid Leukemia'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rs11871317
rs78192709
rs149871892
rs2269457
rs74682567
rs12451644
rs75646943
rs74370059
rs16531
rs142447482
rs12451585
rs62066853
rs117270499
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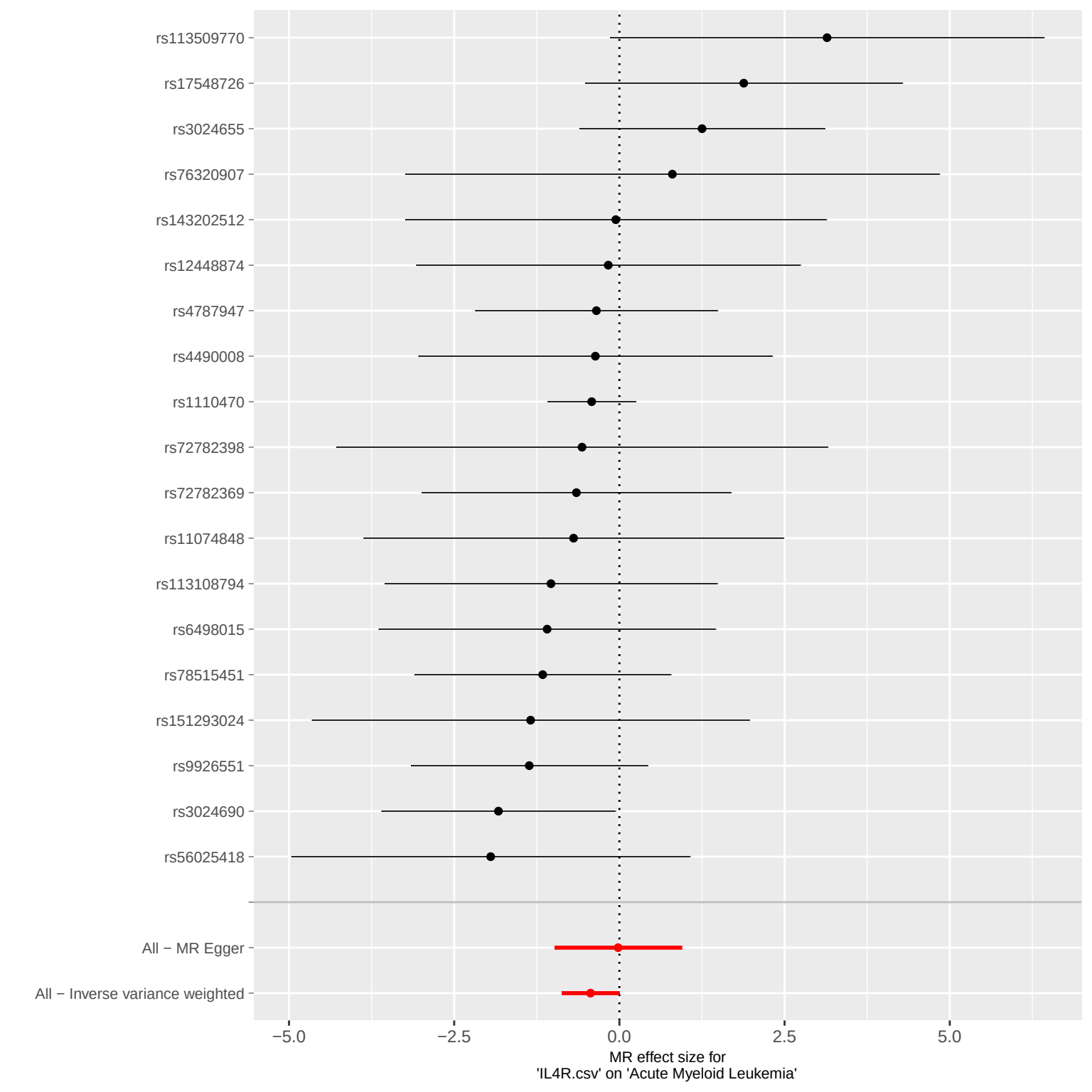
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'IKZF3.csv' on 'Acute Myeloid Leukemia'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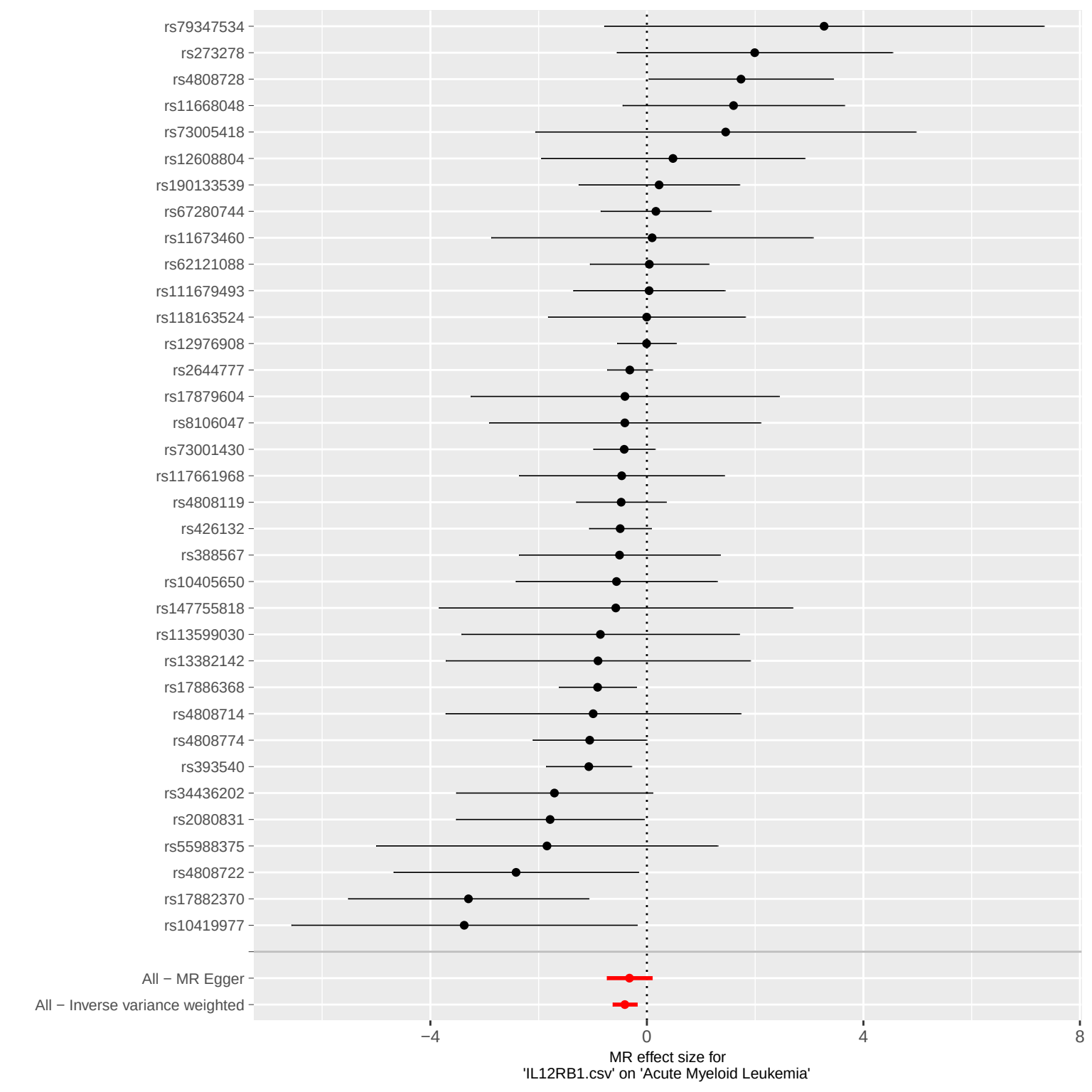
rs11074848
rs113108794
rs6498015
rs78515451
rs151293024
rs9926551
rs3024690
rs56025418
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'IL4R.csv' on 'Acute Myeloid Leukemia'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rs113599030
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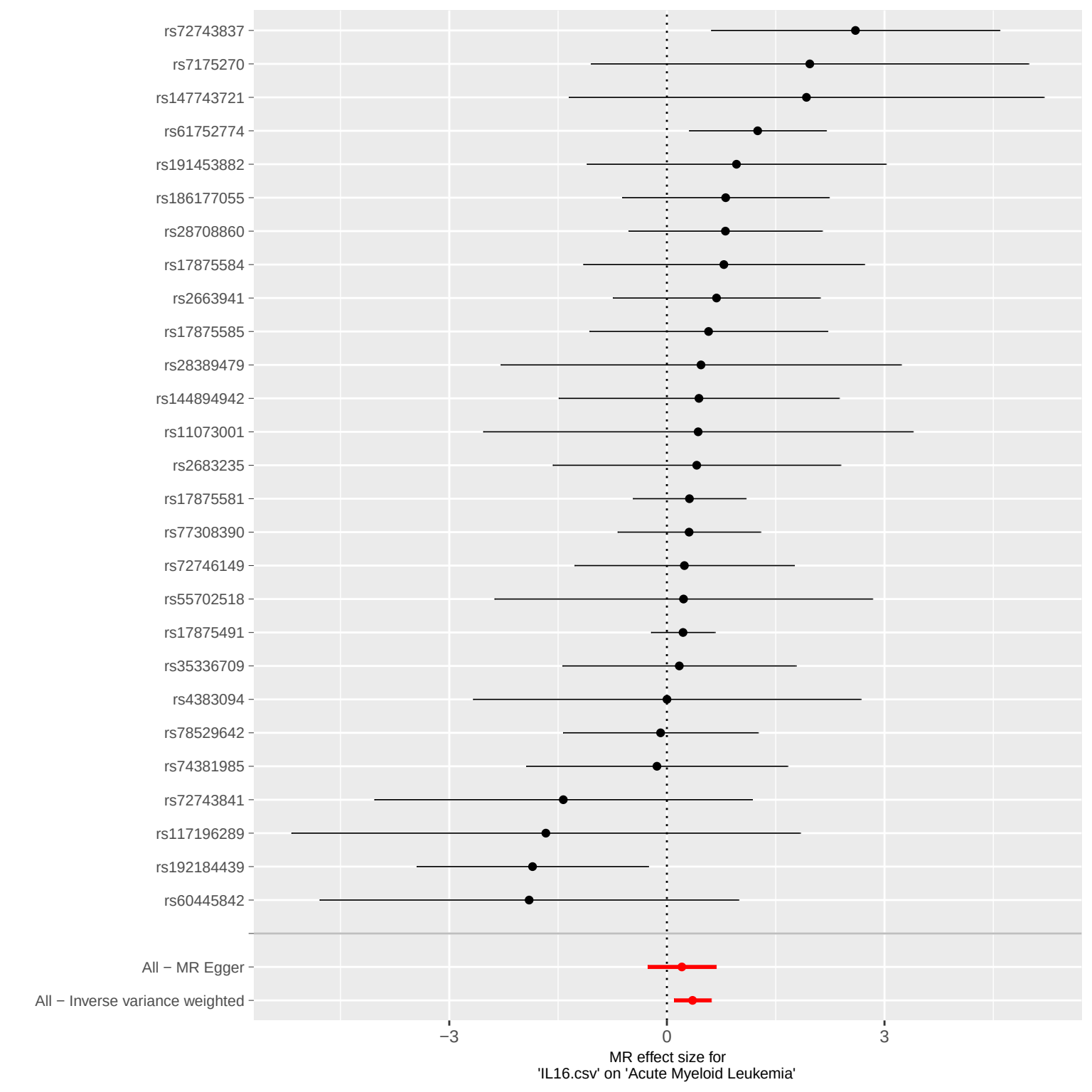
rs17886368
rs4808714
rs4808774
rs393540
rs34436202
rs2080831
rs55988375
rs4808722
rs17882370
rs10419977
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'IL12RB1.csv' on 'Acute Myeloid Leukemia'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rs186177055
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rs17875584
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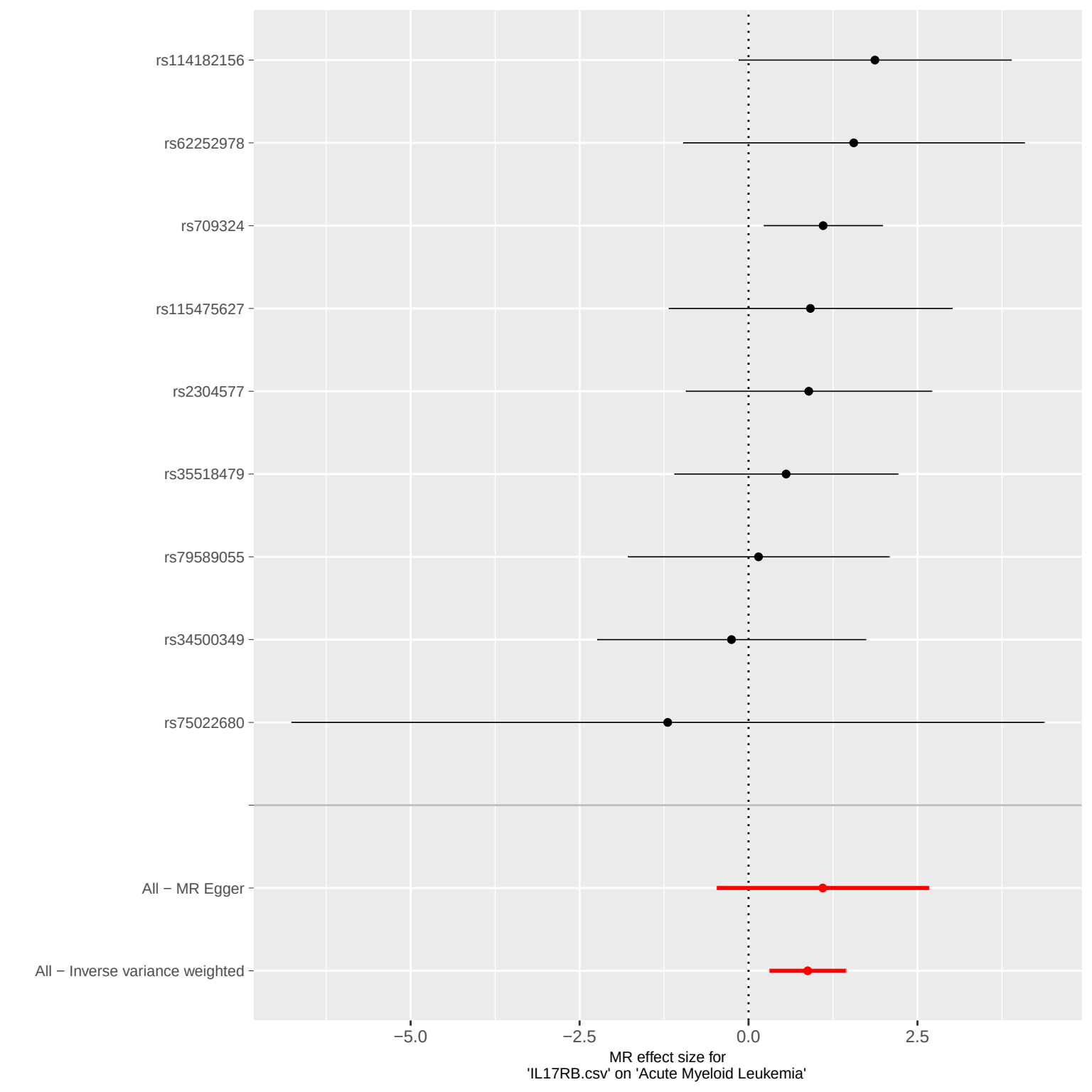
rs17875491
rs35336709
rs4383094
rs78529642
rs74381985
rs72743841
rs117196289
rs192184439
rs60445842
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'IL16.csv' on 'Acute Myeloid Leukemia'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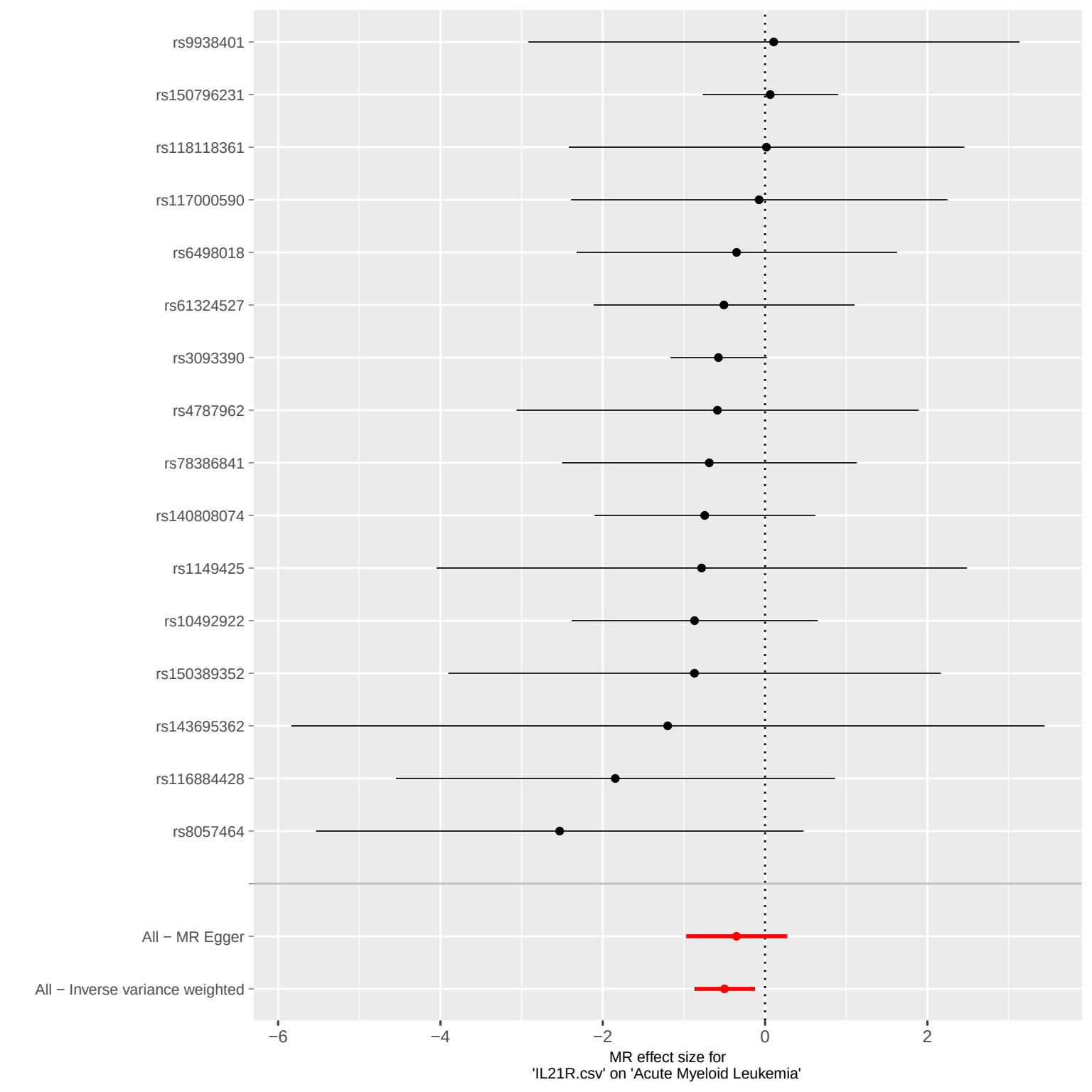
rs62252978
rs709324
rs115475627
rs2304577
rs35518479
rs79589055
rs34500349
rs75022680
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'IL17RB.csv' on 'Acute Myeloid Leukemia'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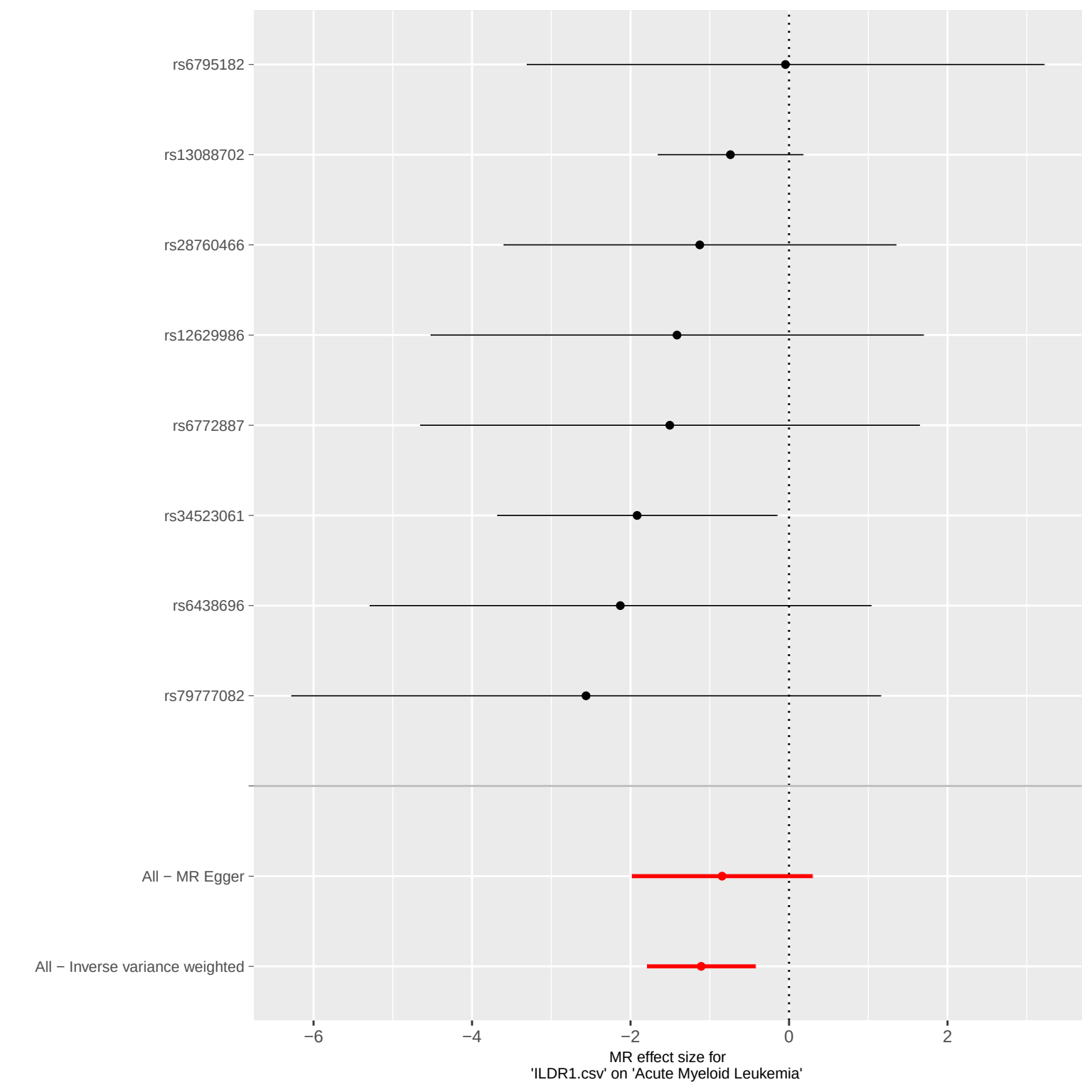
rs1149425
rs10492922
rs150389352
rs143695362
rs116884428
rs8057464
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'IL21R.csv' on 'Acute Myeloid Leukemia'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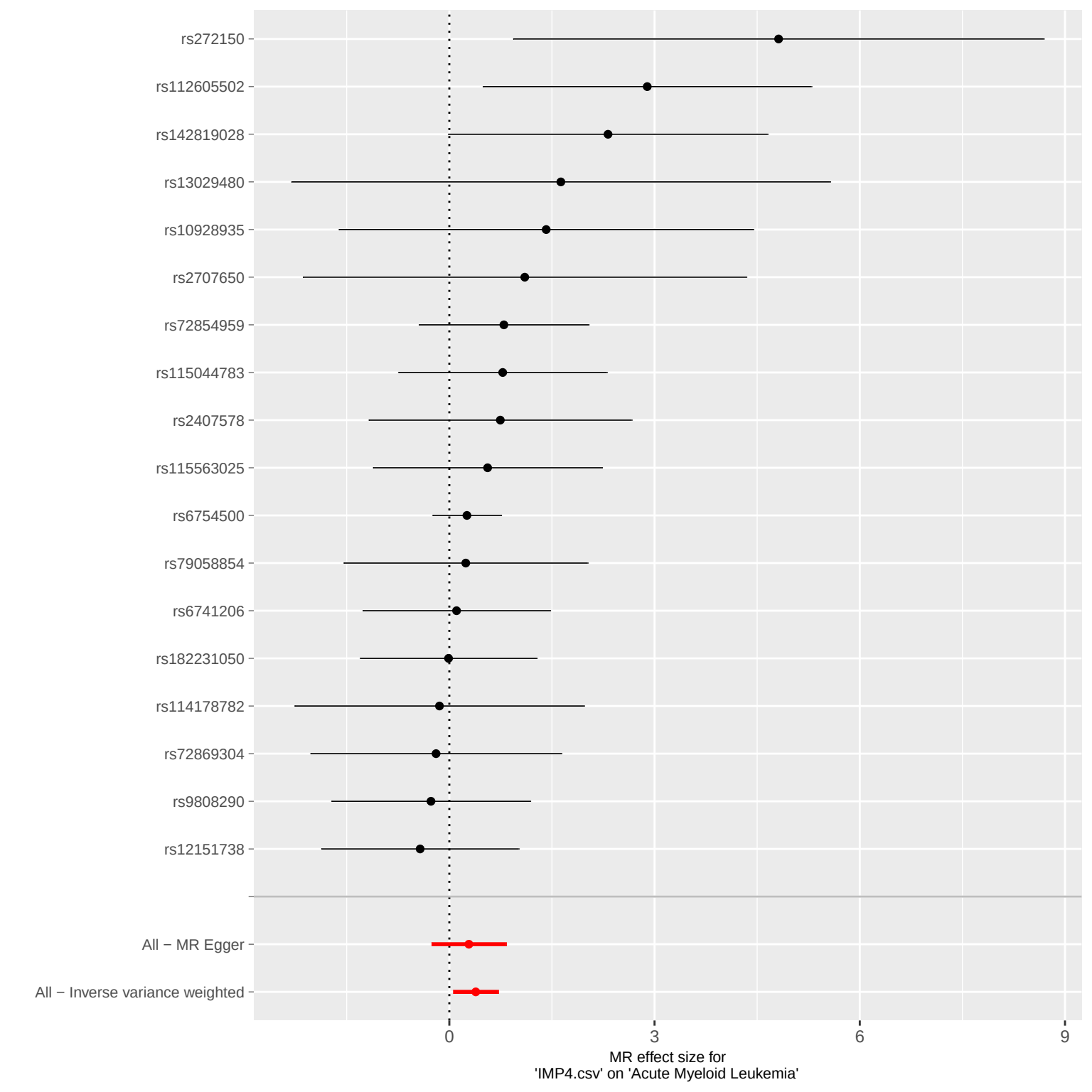
rs28760466
rs12629986
rs6772887
rs34523061
rs6438696
rs79777082
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ILDR1.csv' on 'Acute Myeloid Leukemia'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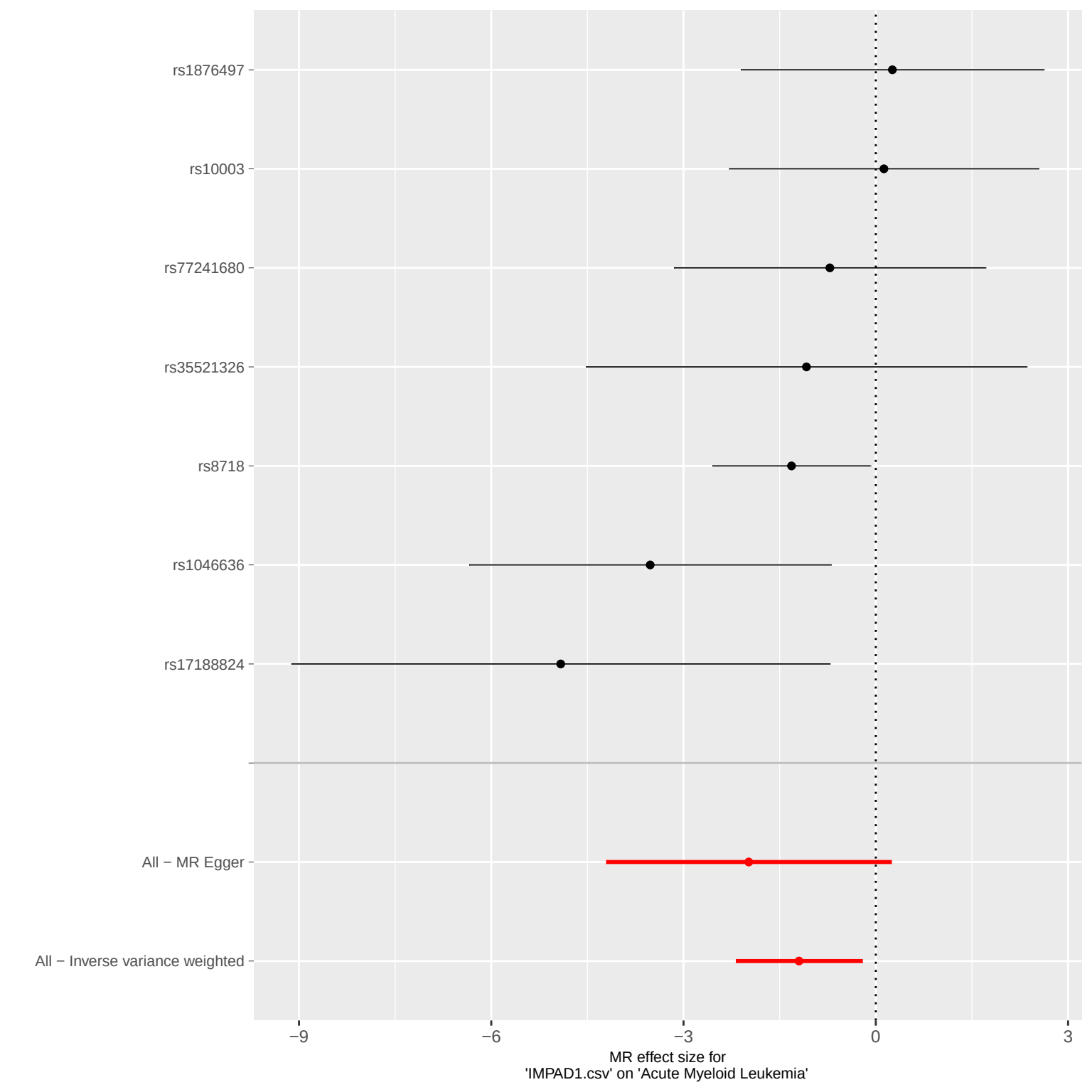
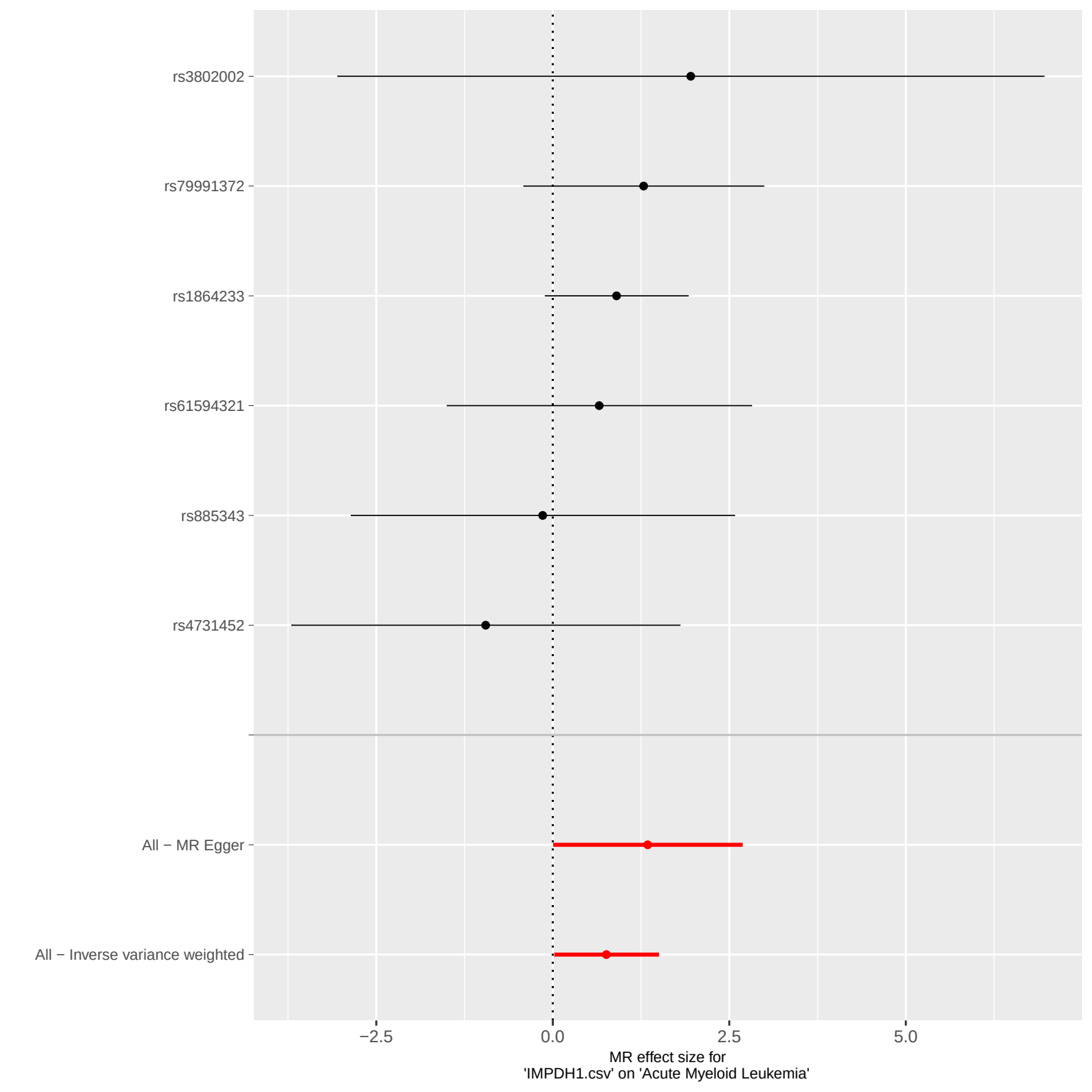
rs79058854
rs6741206
rs182231050
rs114178782
rs72869304
rs9808290
rs12151738
All − MR Egger
All − Inverse variance weighted
0
3
6
9
MR effect size for
'IMP4.csv' on 'Acute Myeloid Leukemia'


rs1876497
rs10003
rs77241680
rs35521326
rs8718
rs1046636
rs17188824
All − MR Egger
All − Inverse variance weighted
−9
−6
−3
0
3
MR effect size for
'IMPAD1.csv' on 'Acute Myeloid Leukemia'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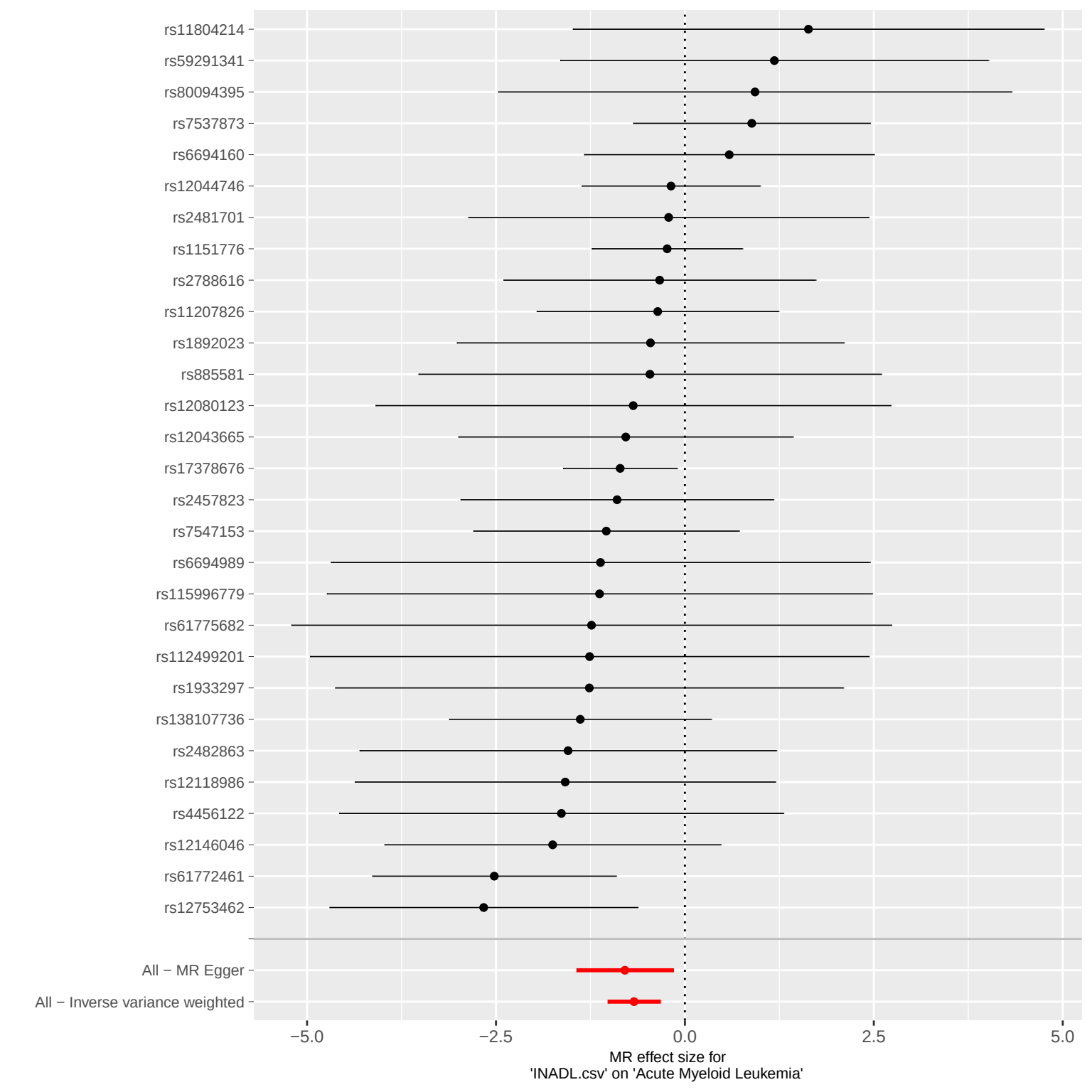
rs79991372
rs1864233
rs61594321
rs885343
rs4731452
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'IMPDH1.csv' on 'Acute Myeloid Leukemia'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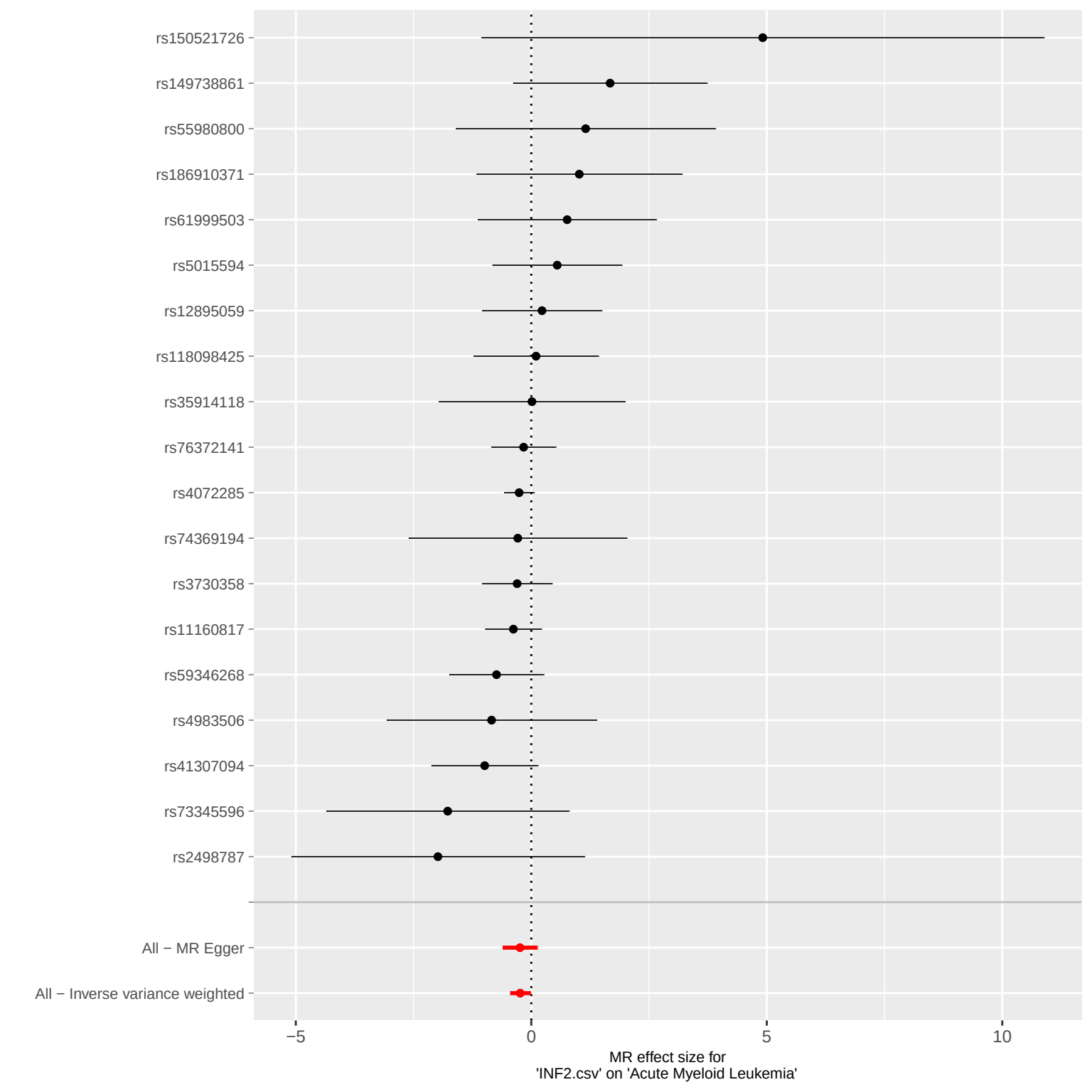
rs17378676
rs2457823
rs7547153
rs6694989
rs115996779
rs61775682
rs112499201
rs1933297
rs138107736
rs2482863
rs12118986
rs4456122
rs12146046
rs61772461
rs12753462
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'INADL.csv' on 'Acute Myeloid Leukemia'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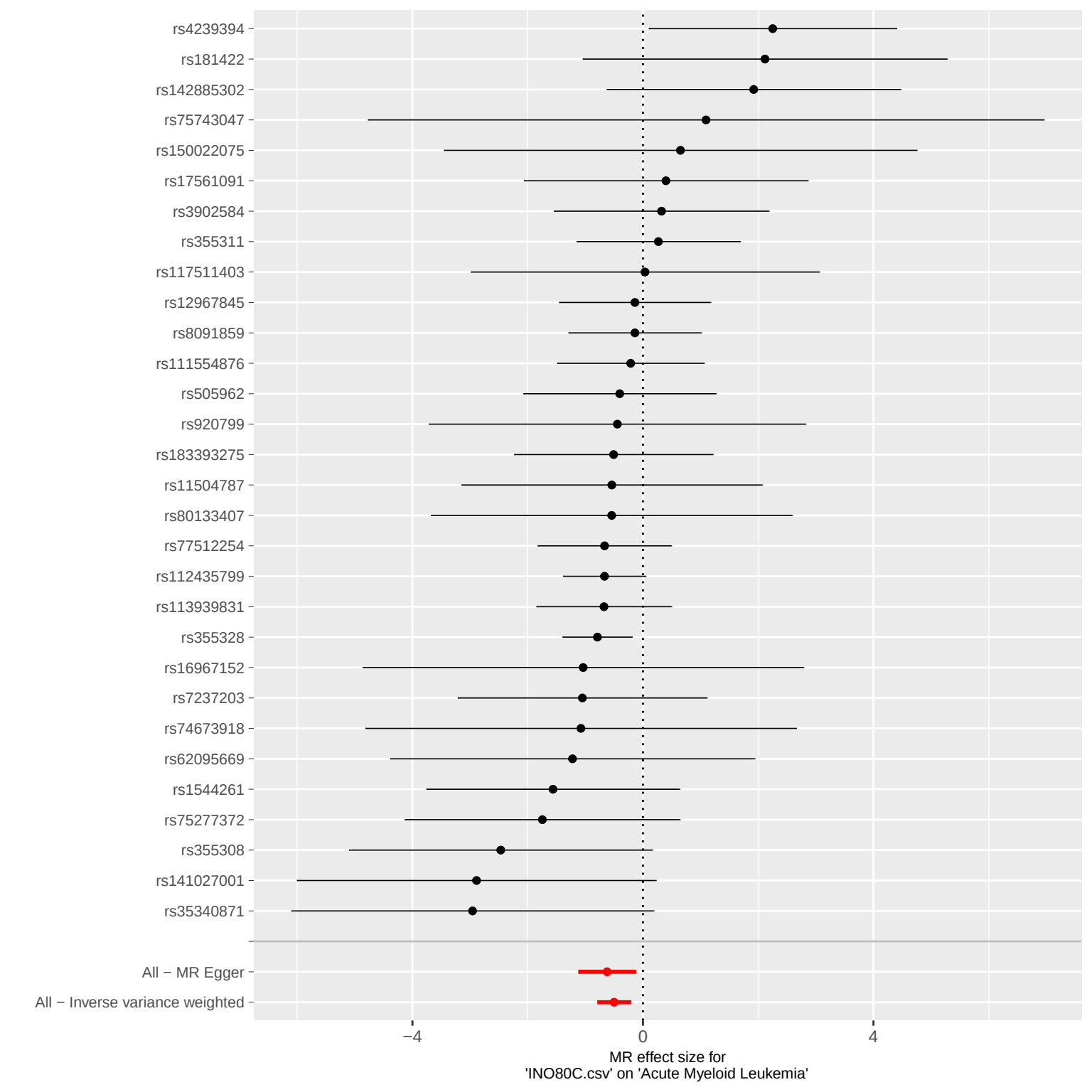
rs4072285
rs74369194
rs3730358
rs11160817
rs59346268
rs4983506
rs41307094
rs73345596
rs2498787
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'INF2.csv' on 'Acute Myeloid Leukemia'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rs75743047
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rs17561091
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rs111554876
rs505962
rs920799
rs183393275
rs11504787
rs80133407
rs77512254
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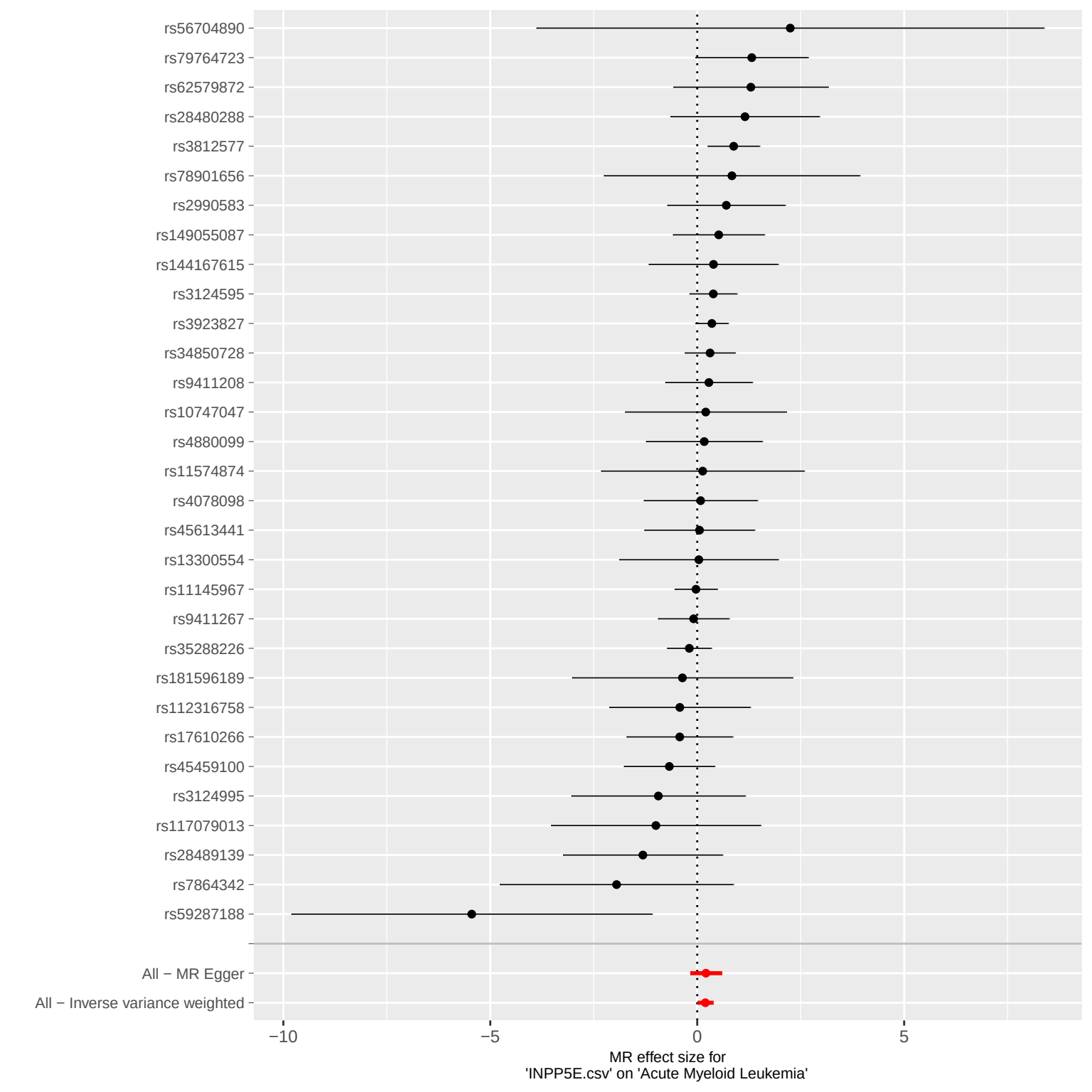
rs355328
rs16967152
rs7237203
rs74673918
rs62095669
rs1544261
rs75277372
rs355308
rs141027001
rs35340871
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'INO80C.csv' on 'Acute Myeloid Leukemia'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rs45459100
rs3124995
rs117079013
rs28489139
rs7864342
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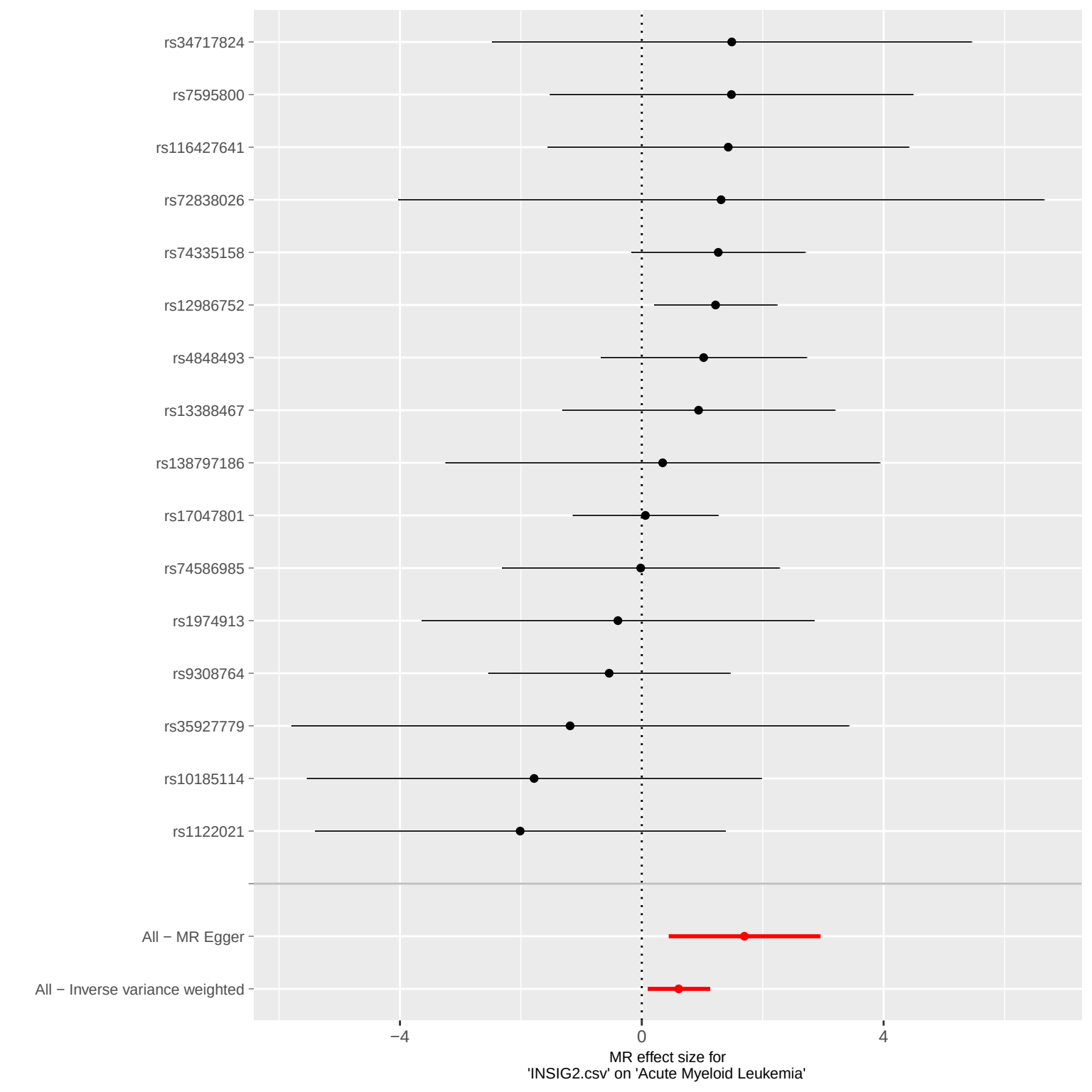
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'INPP5E.csv' on 'Acute Myeloid Leukemia'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rs74586985
rs1974913
rs9308764
rs35927779
rs10185114
rs1122021
All − MR Egger
All − Inverse variance weighted
−4
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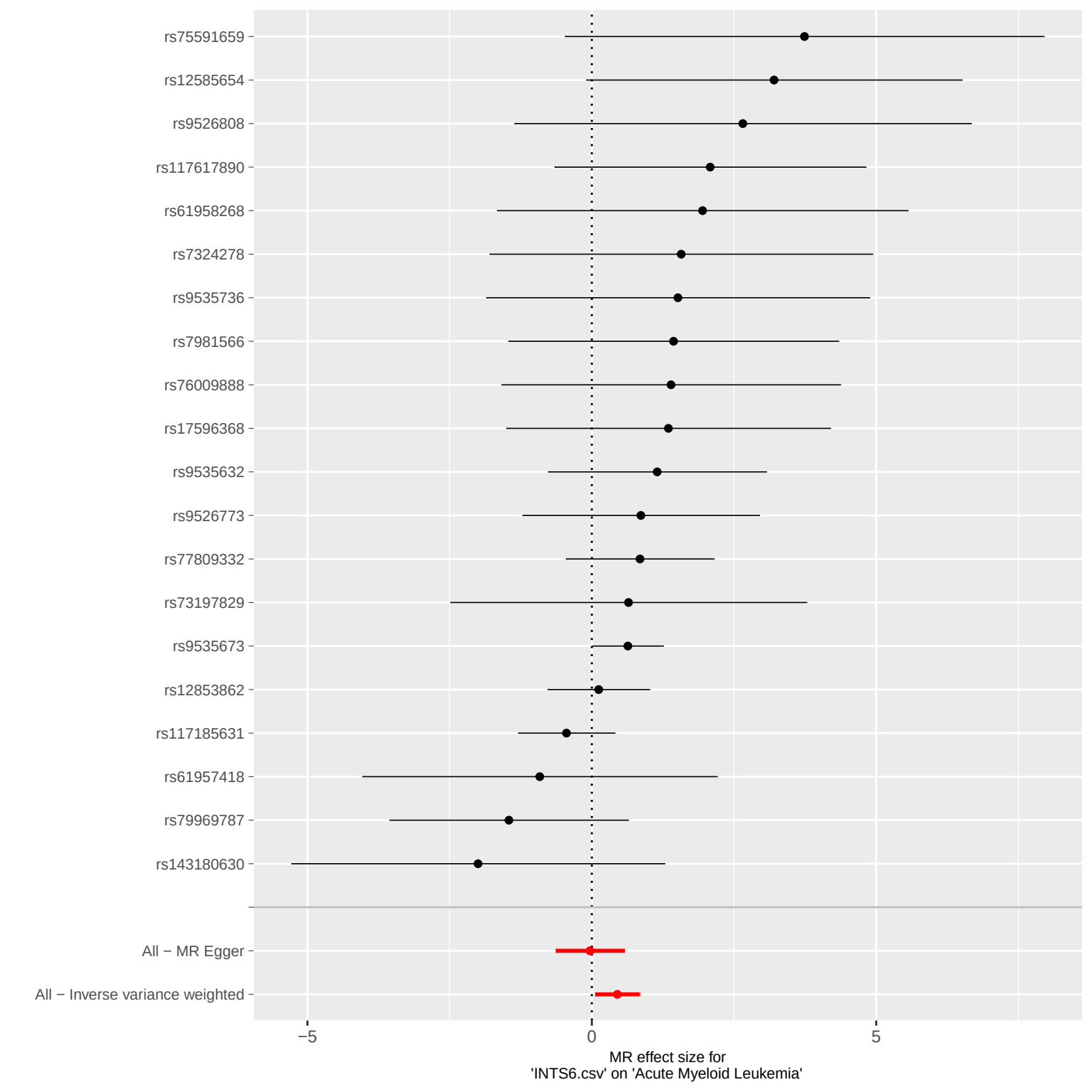
4
MR effect size for
'INSIG2.csv' on 'Acute Myeloid Leukemia'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rs9535673
rs12853862
rs117185631
rs61957418
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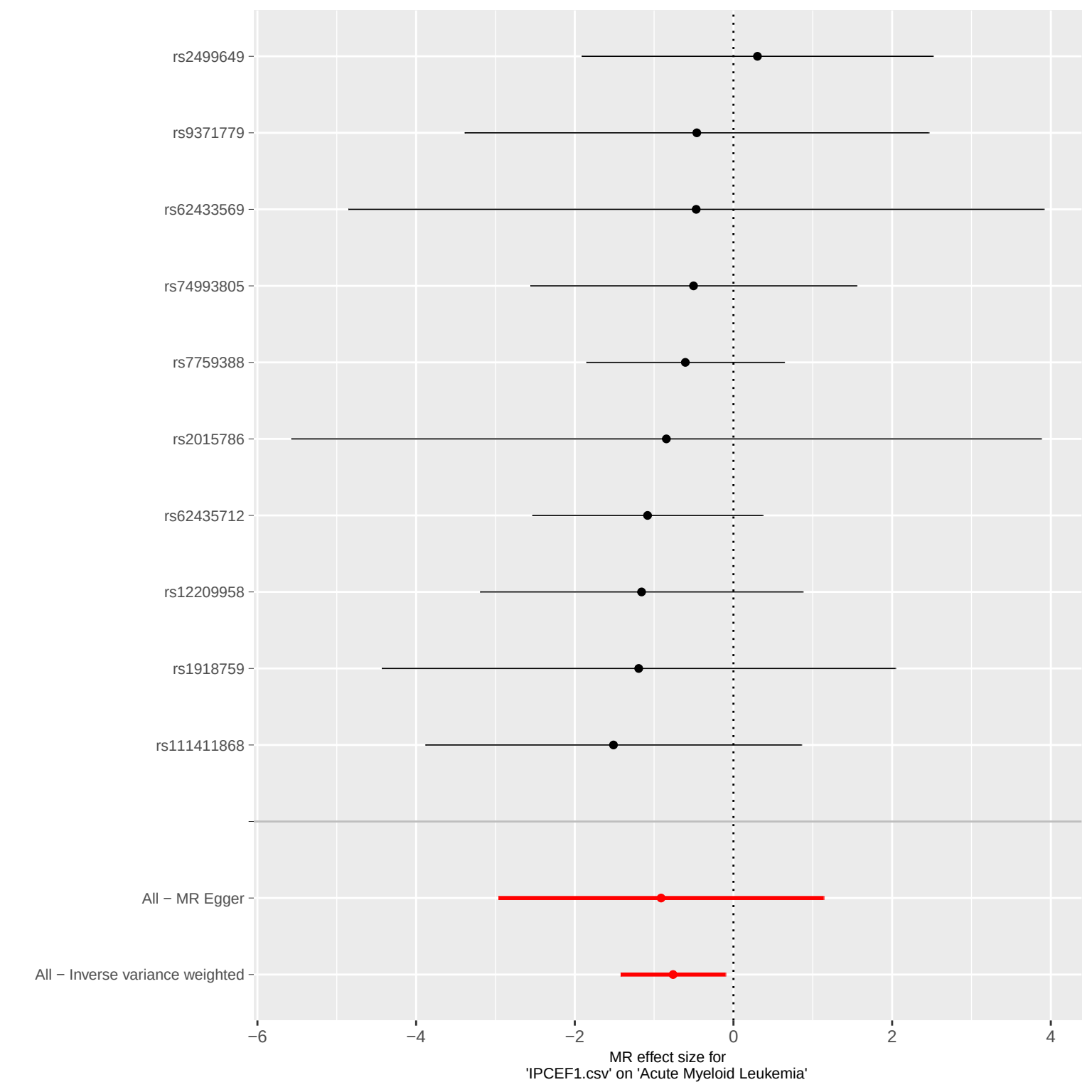
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'INTS6.csv' on 'Acute Myeloid Leukemia'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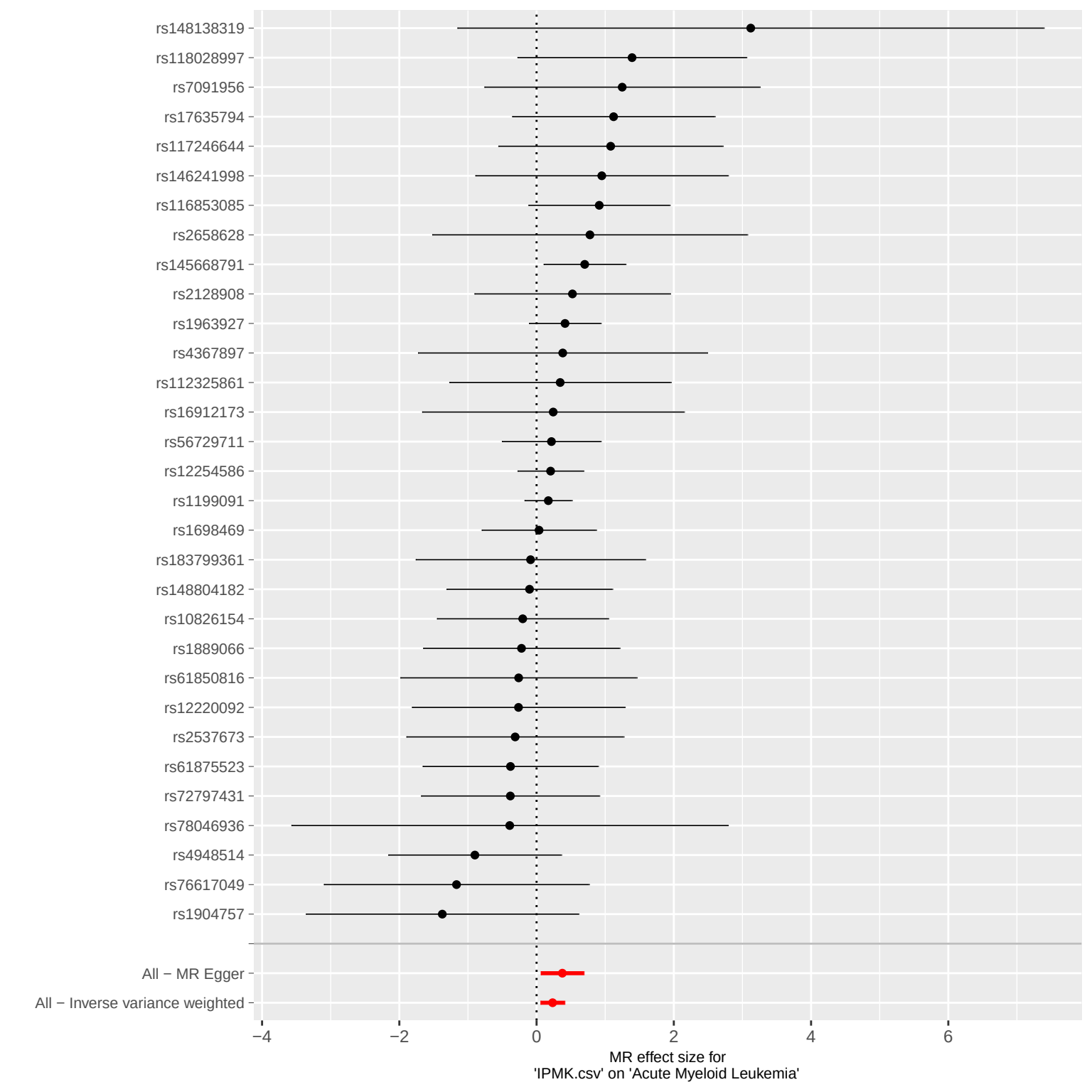
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'IPCEF1.csv' on 'Acute Myeloid Leukemia'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rs112325861
rs16912173
rs56729711
rs12254586
rs1199091
rs1698469
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rs1889066
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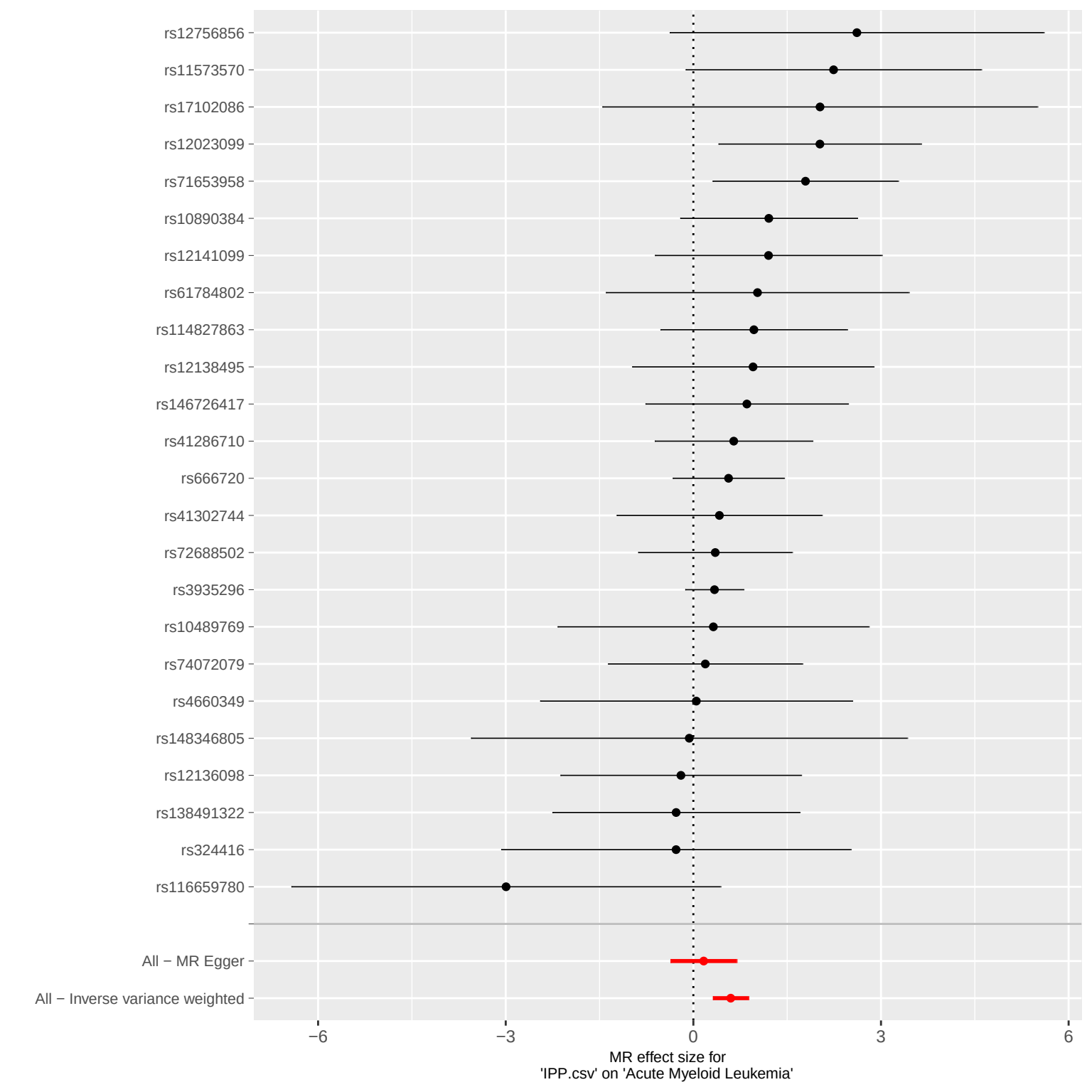
rs61875523
rs72797431
rs78046936
rs4948514
rs76617049
rs1904757
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'IPMK.csv' on 'Acute Myeloid Leukemia'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rs146726417
rs41286710
rs666720
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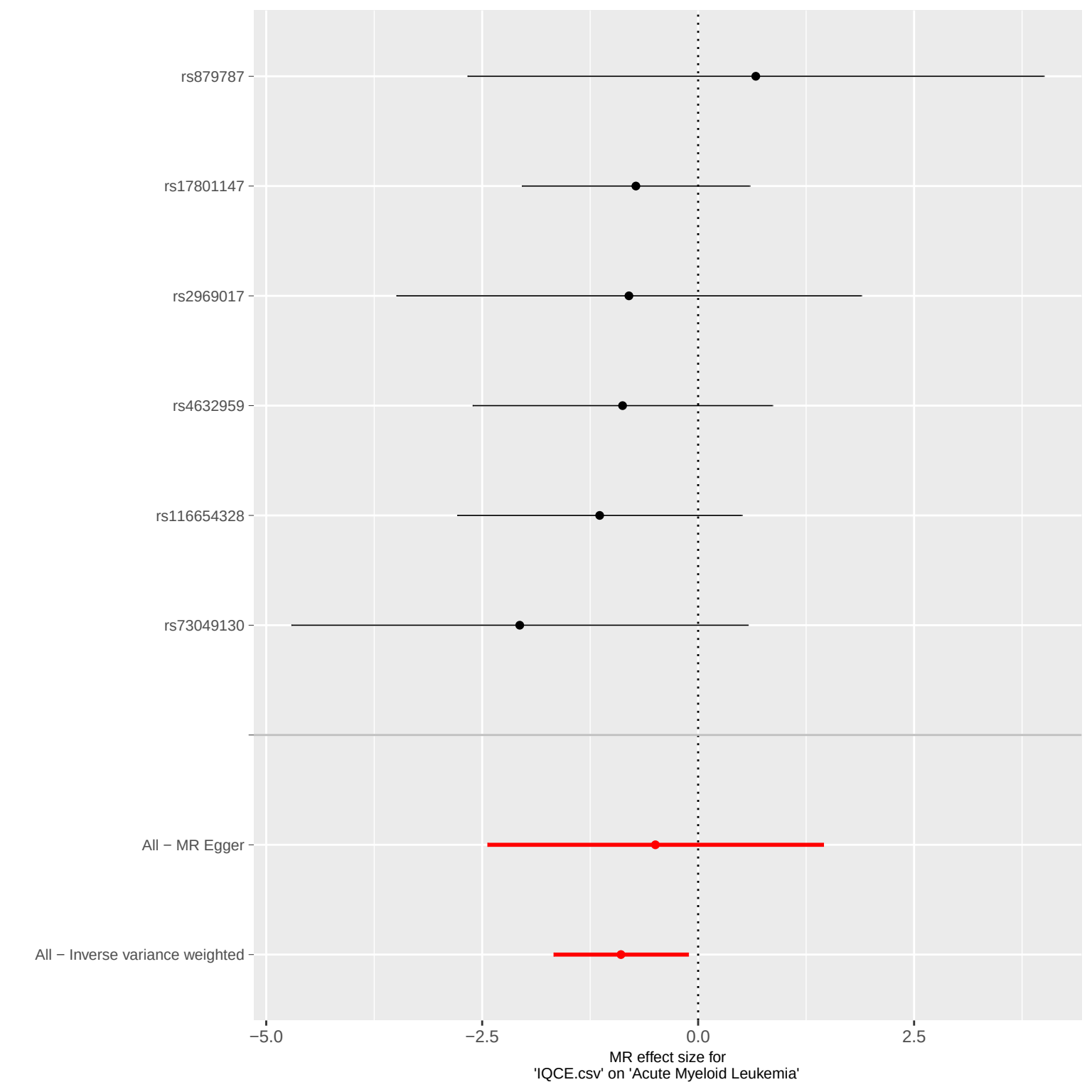
rs72688502
rs3935296
rs10489769
rs74072079
rs4660349
rs148346805
rs12136098
rs138491322
rs324416
rs116659780
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'IPP.csv' on 'Acute Myeloid Leukemia'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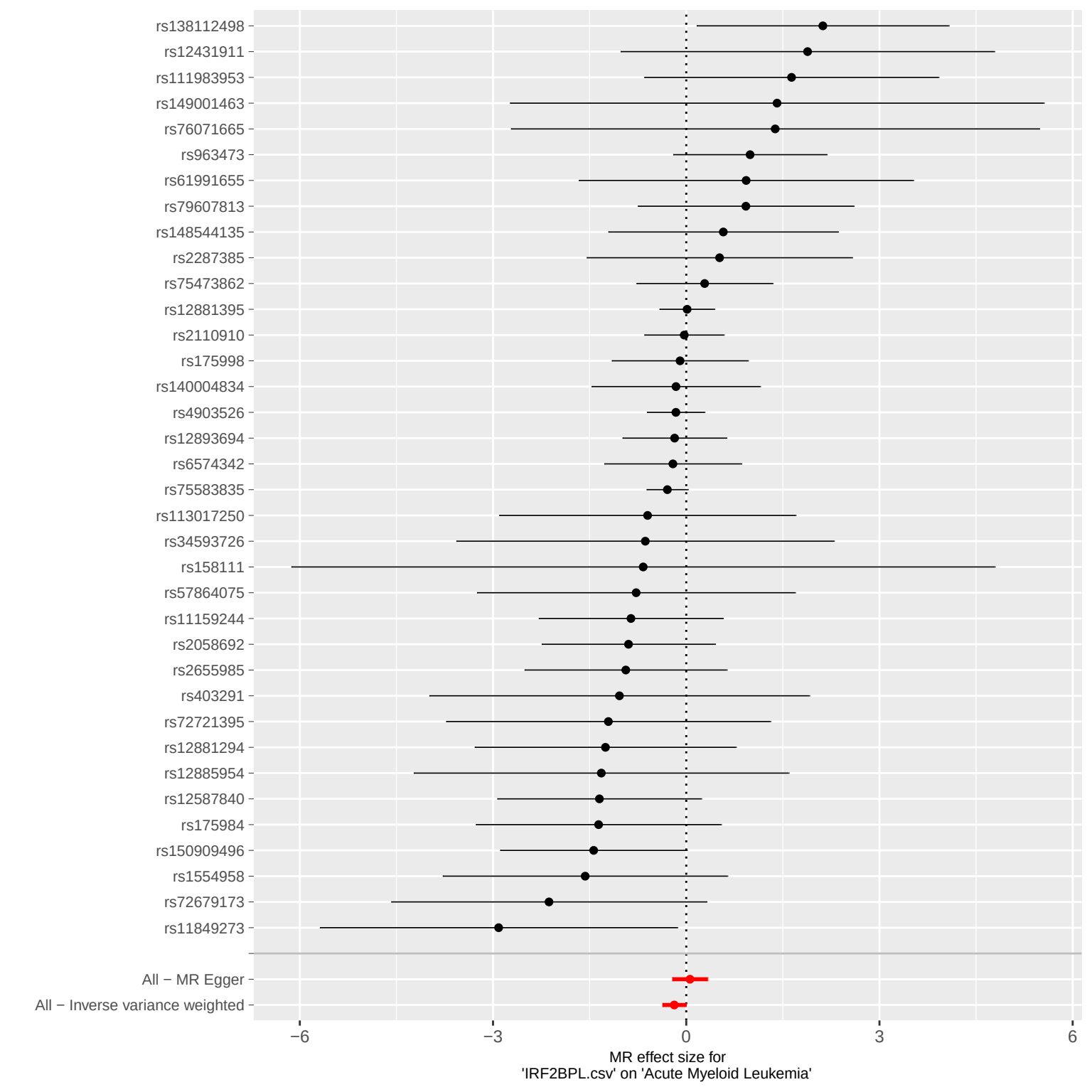
rs116654328
rs73049130
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'IQCE.csv' on 'Acute Myeloid Leukemia'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rs403291
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rs11849273
All − MR Egger
All − Inverse variance weighted
−6
−3
0
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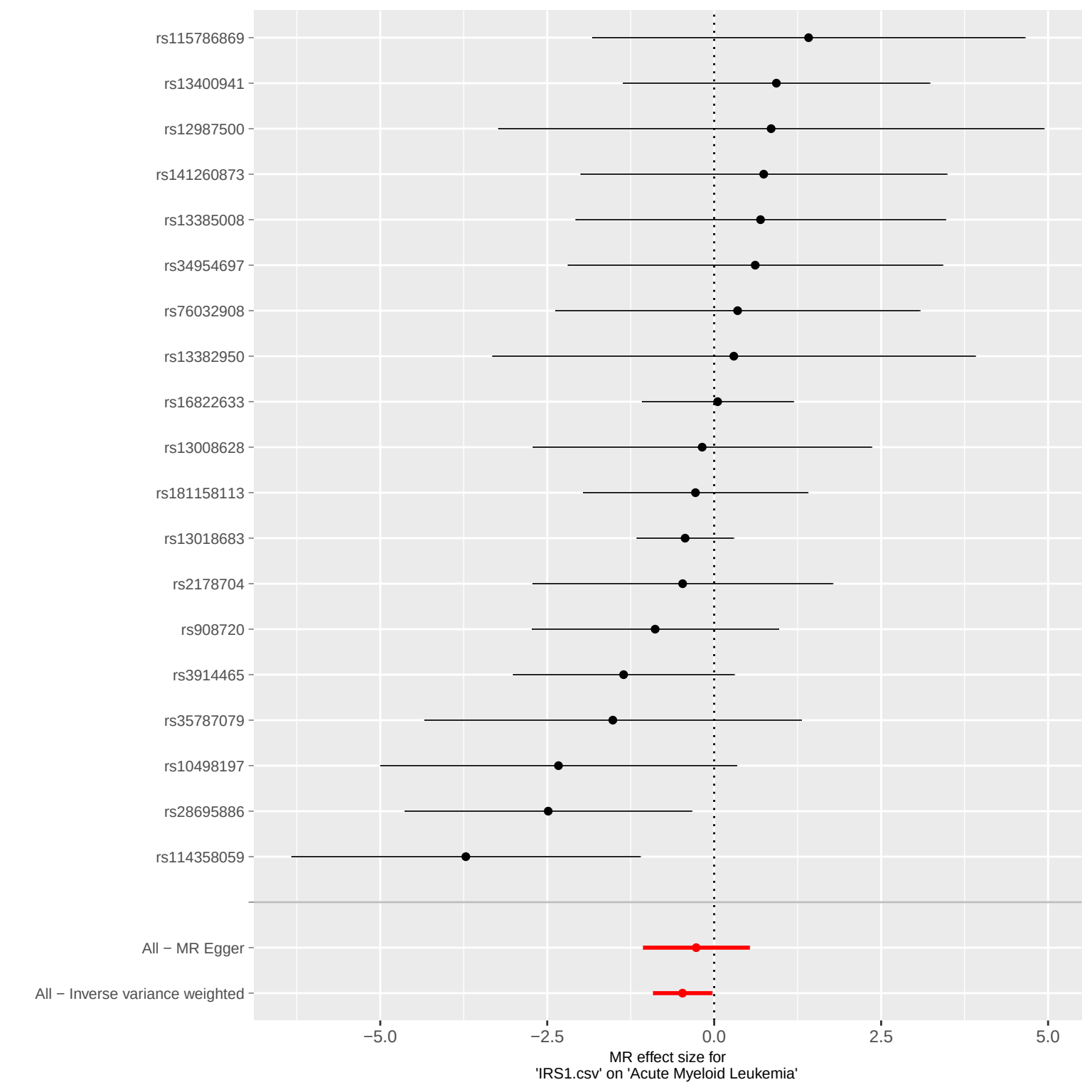
MR effect size for
'IRF2BPL.csv' on 'Acute Myeloid Leukemia'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rs3914465
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rs10498197
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All − MR Egger
All − Inverse variance weighted
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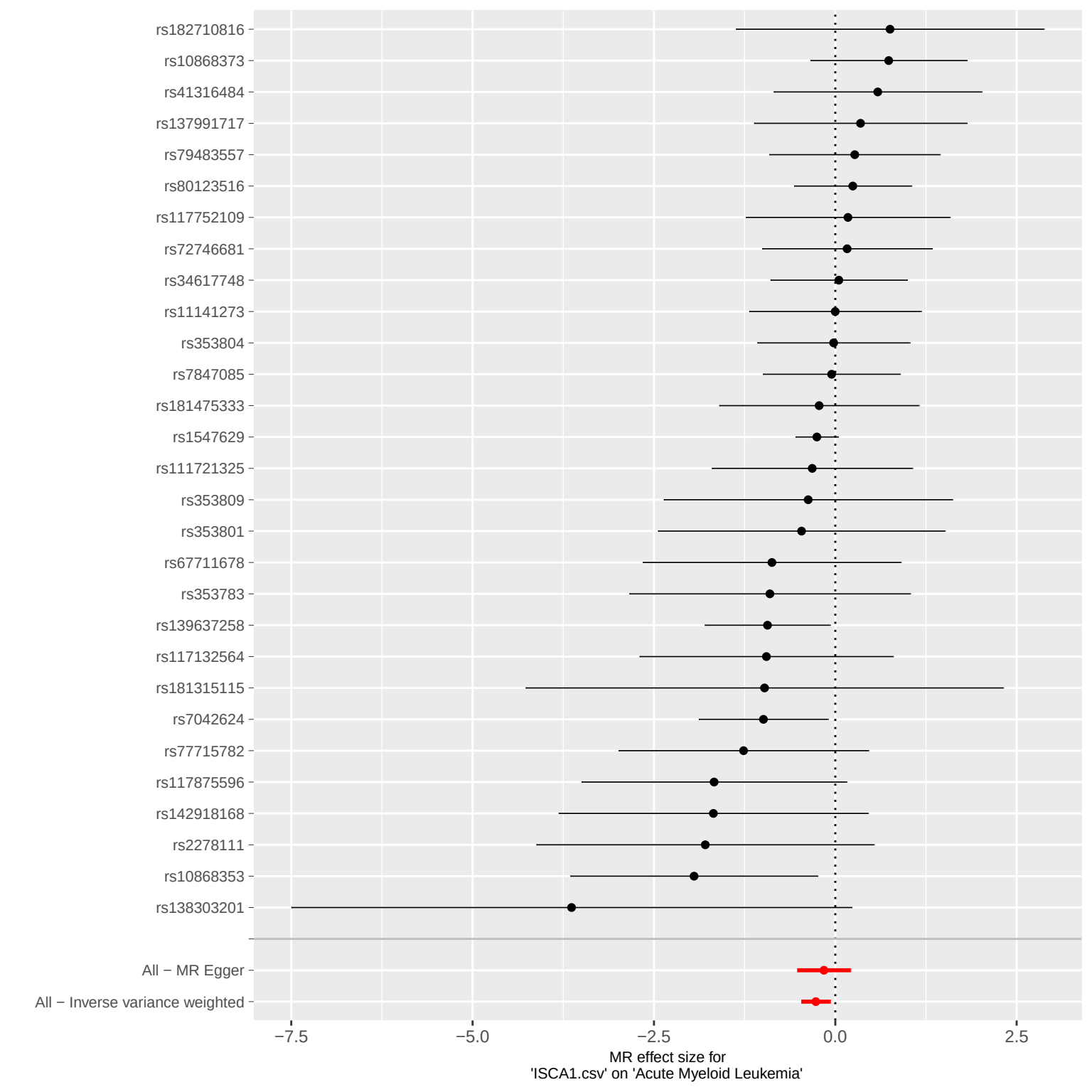
−2.5
0.0
2.5
5.0
MR effect size for
'IRS1.csv' on 'Acute Myeloid Leukemia'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rs117132564
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rs7042624
rs77715782
rs117875596
rs142918168
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rs10868353
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All − MR Egger
All − Inverse variance weighted
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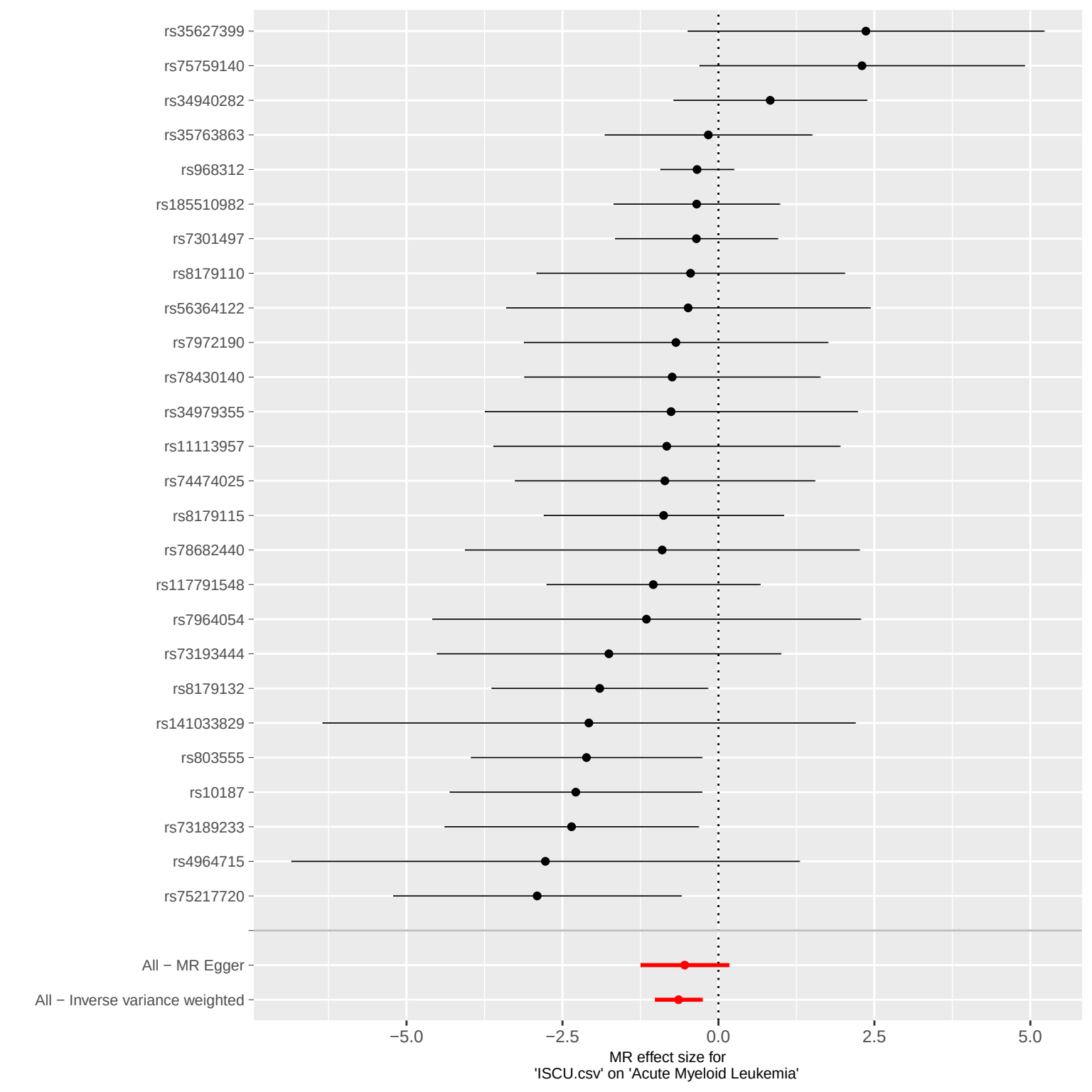
−2.5
0.0
2.5
MR effect size for
'ISCA1.csv' on 'Acute Myeloid Leukemia'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rs803555
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All − MR Egger
All − Inverse variance weighted
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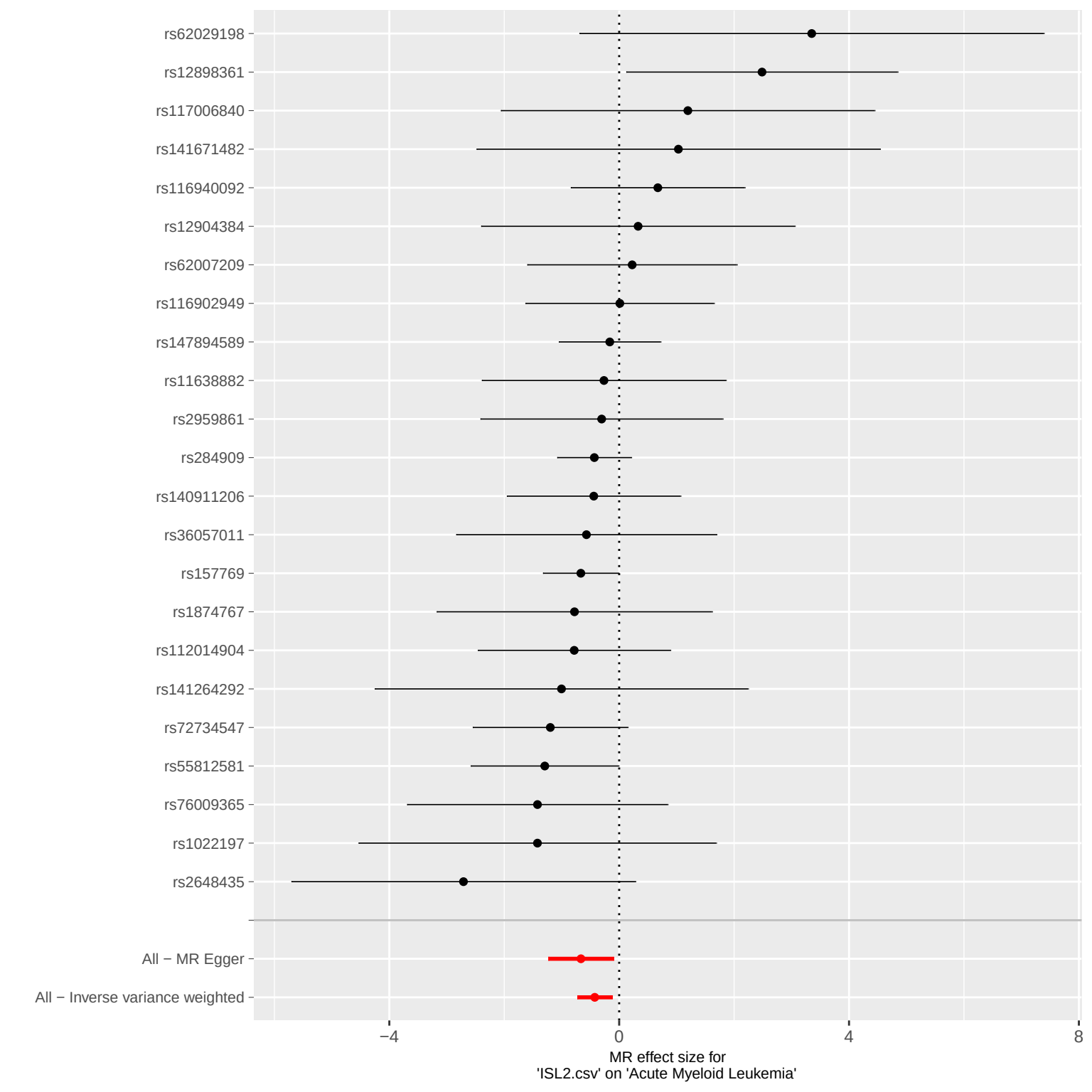
−2.5
0.0
2.5
5.0
MR effect size for
'ISCU.csv' on 'Acute Myeloid Leukemia'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rs141264292
rs72734547
rs55812581
rs76009365
rs1022197
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All − MR Egger
All − Inverse variance weighted
−4
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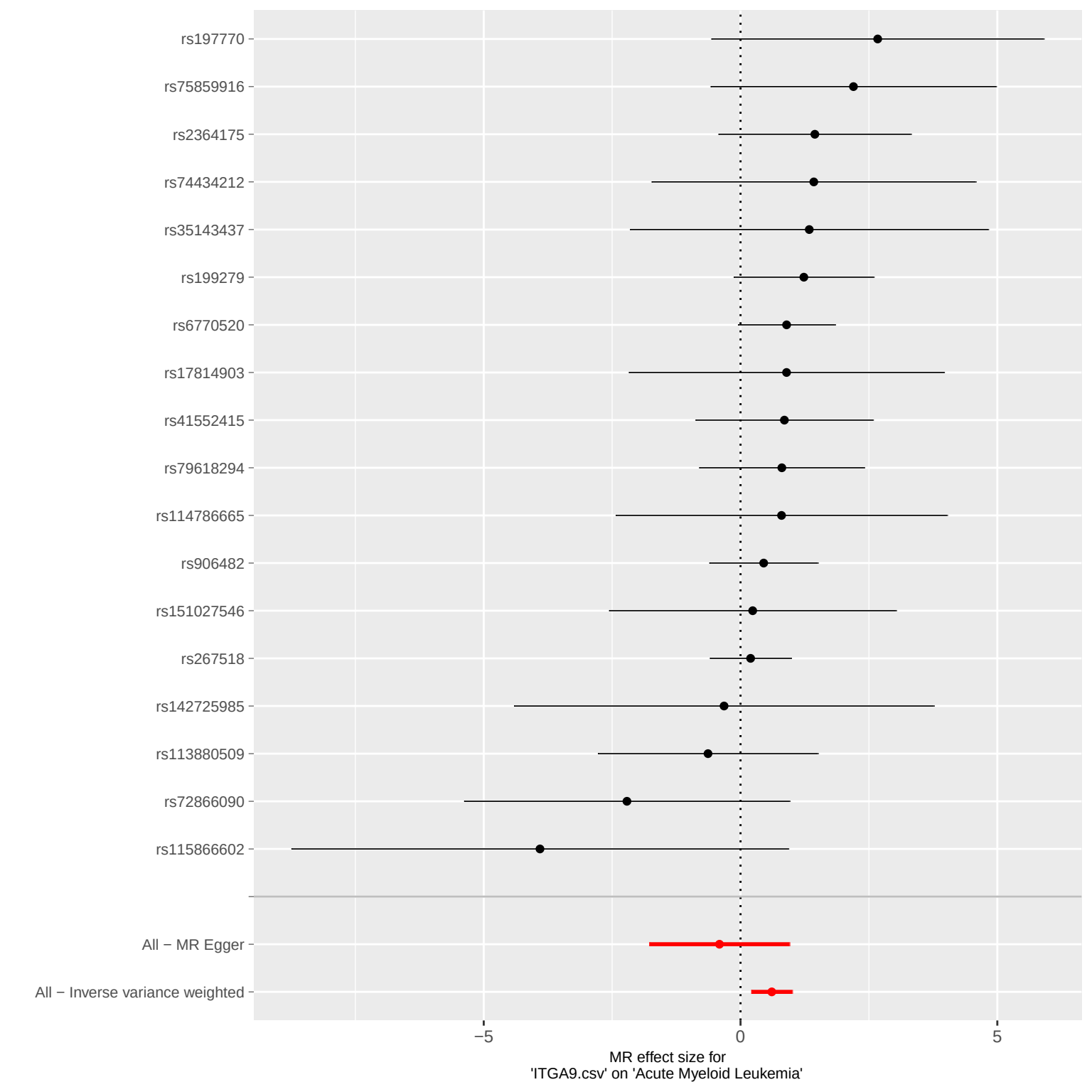
4
8
MR effect size for
'ISL2.csv' on 'Acute Myeloid Leukemia'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rs199279
rs6770520
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rs79618294
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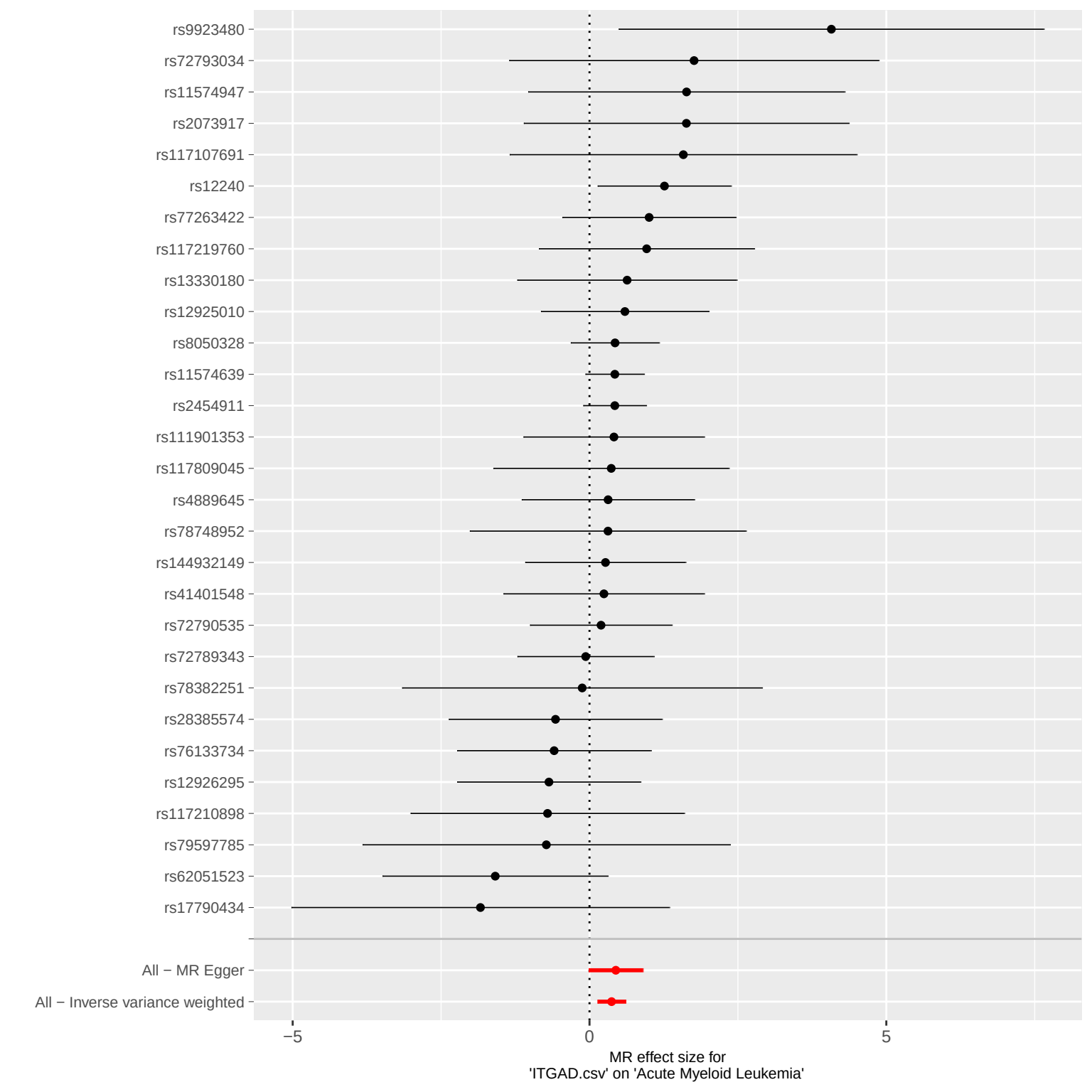
rs906482
rs151027546
rs267518
rs142725985
rs113880509
rs72866090
rs115866602
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ITGA9.csv' on 'Acute Myeloid Leukemia'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rs12926295
rs117210898
rs79597785
rs62051523
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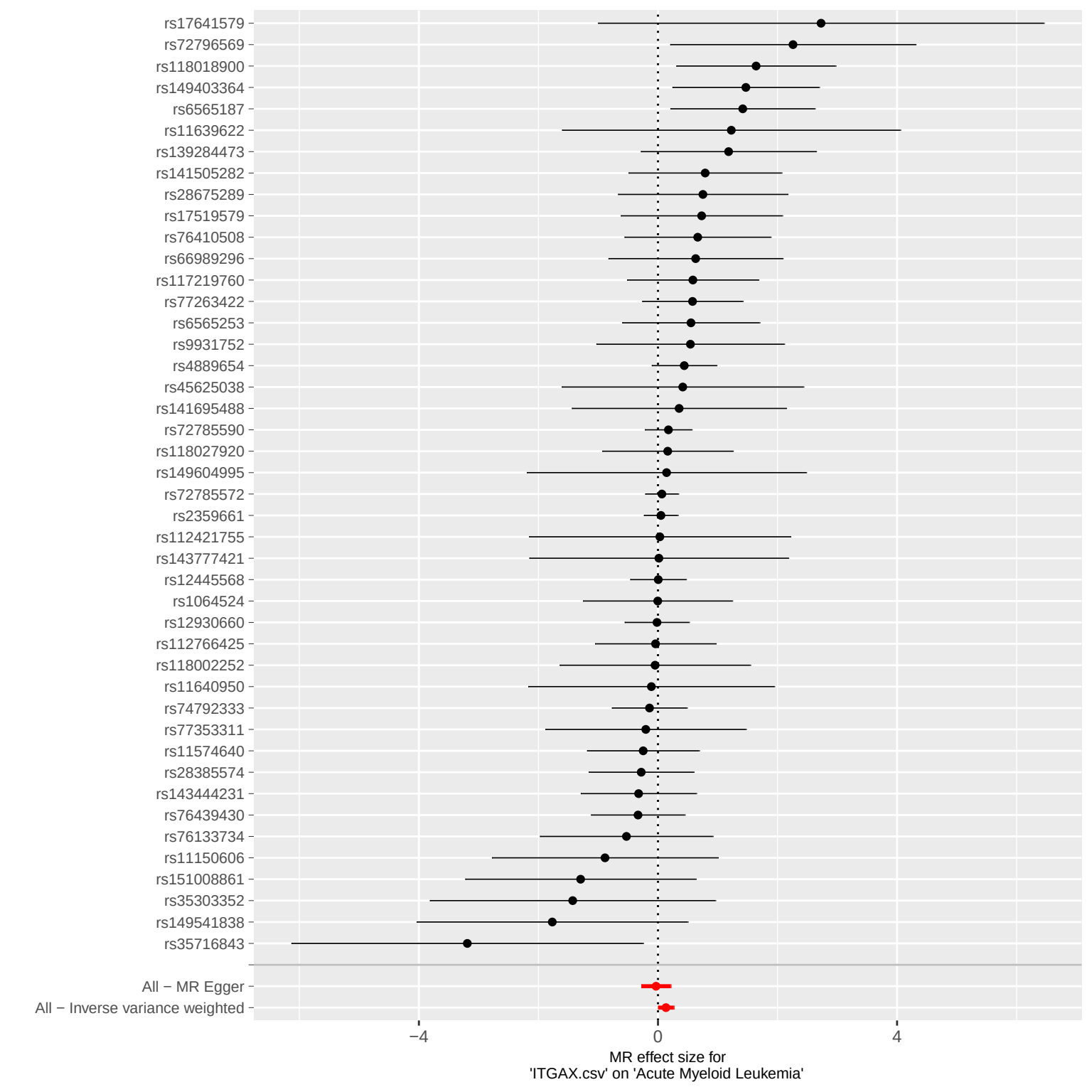
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ITGAD.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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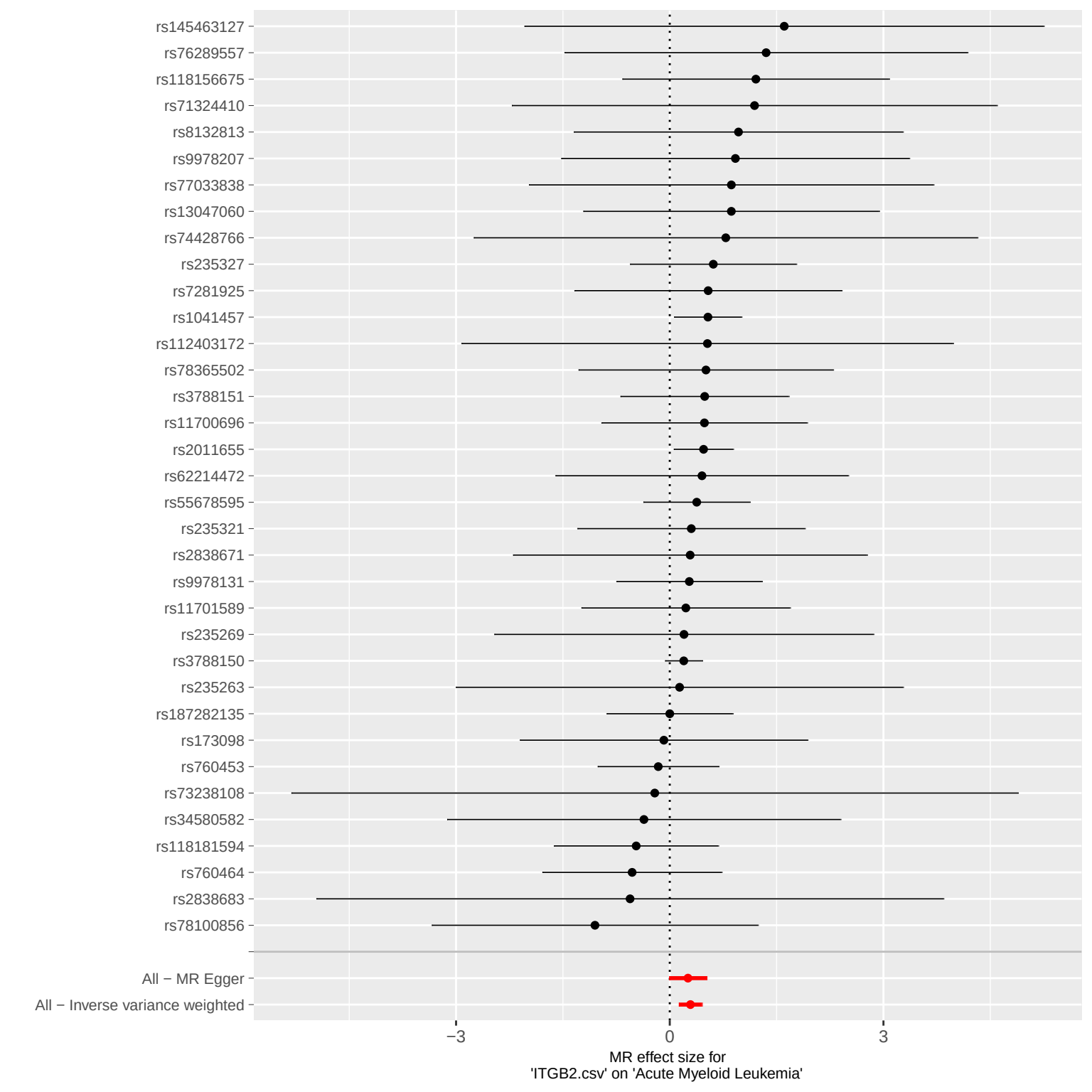
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All − MR Egger
All − Inverse variance weighted
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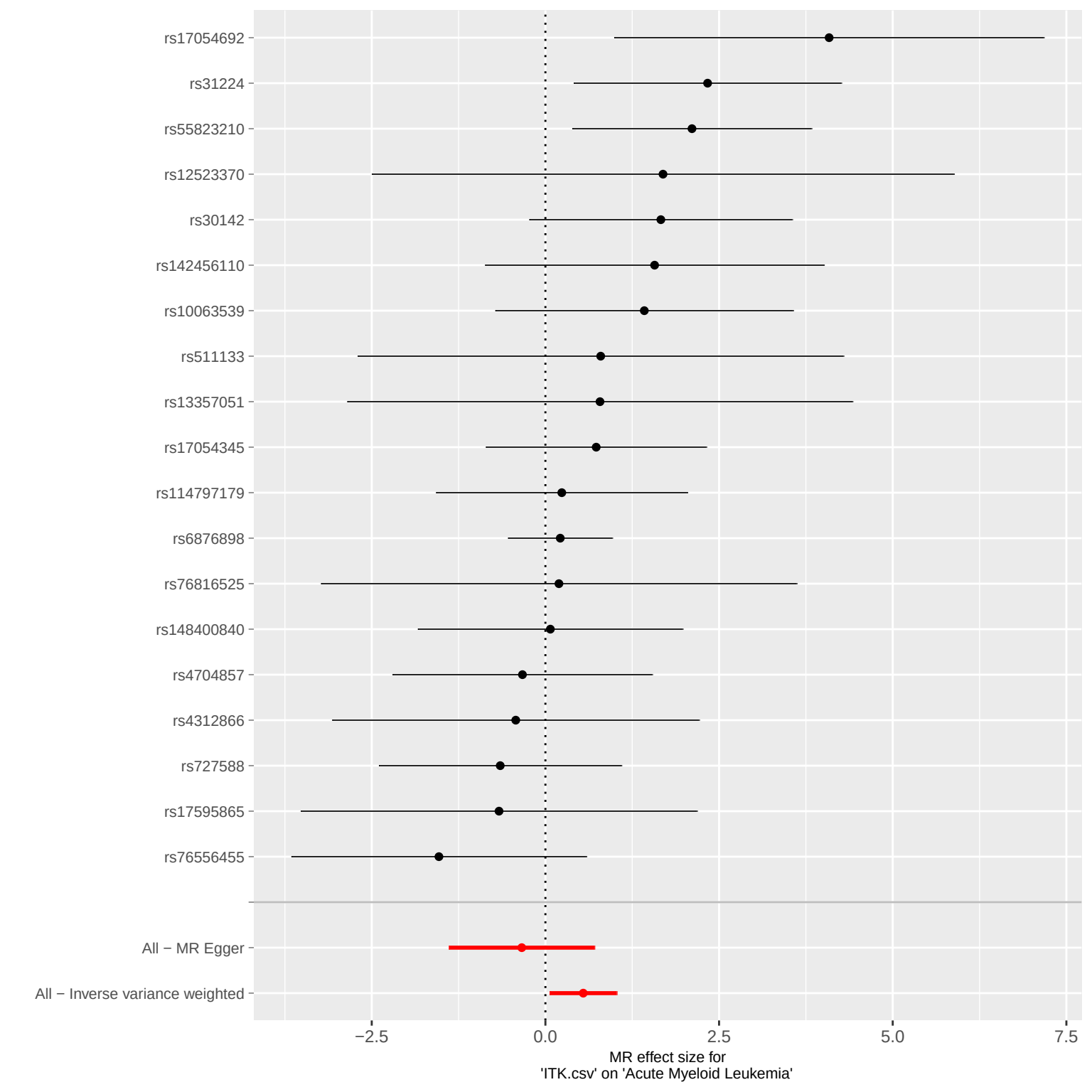
MR effect size for
'ITGB2.csv' on 'Acute Myeloid Leukemia'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rs17595865
rs76556455
All − MR Egger
All − Inverse variance weighted
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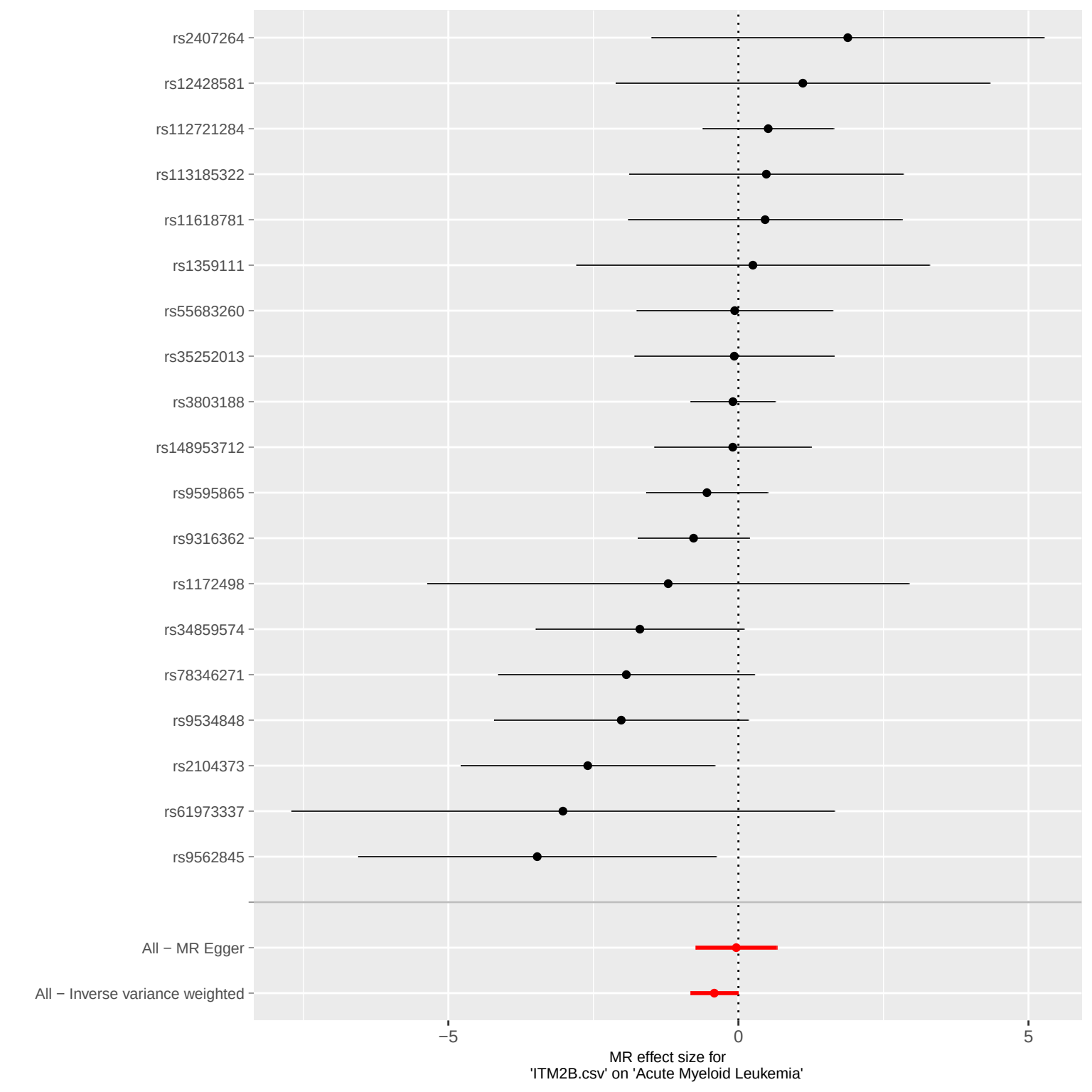
5.0
7.5
MR effect size for
'ITK.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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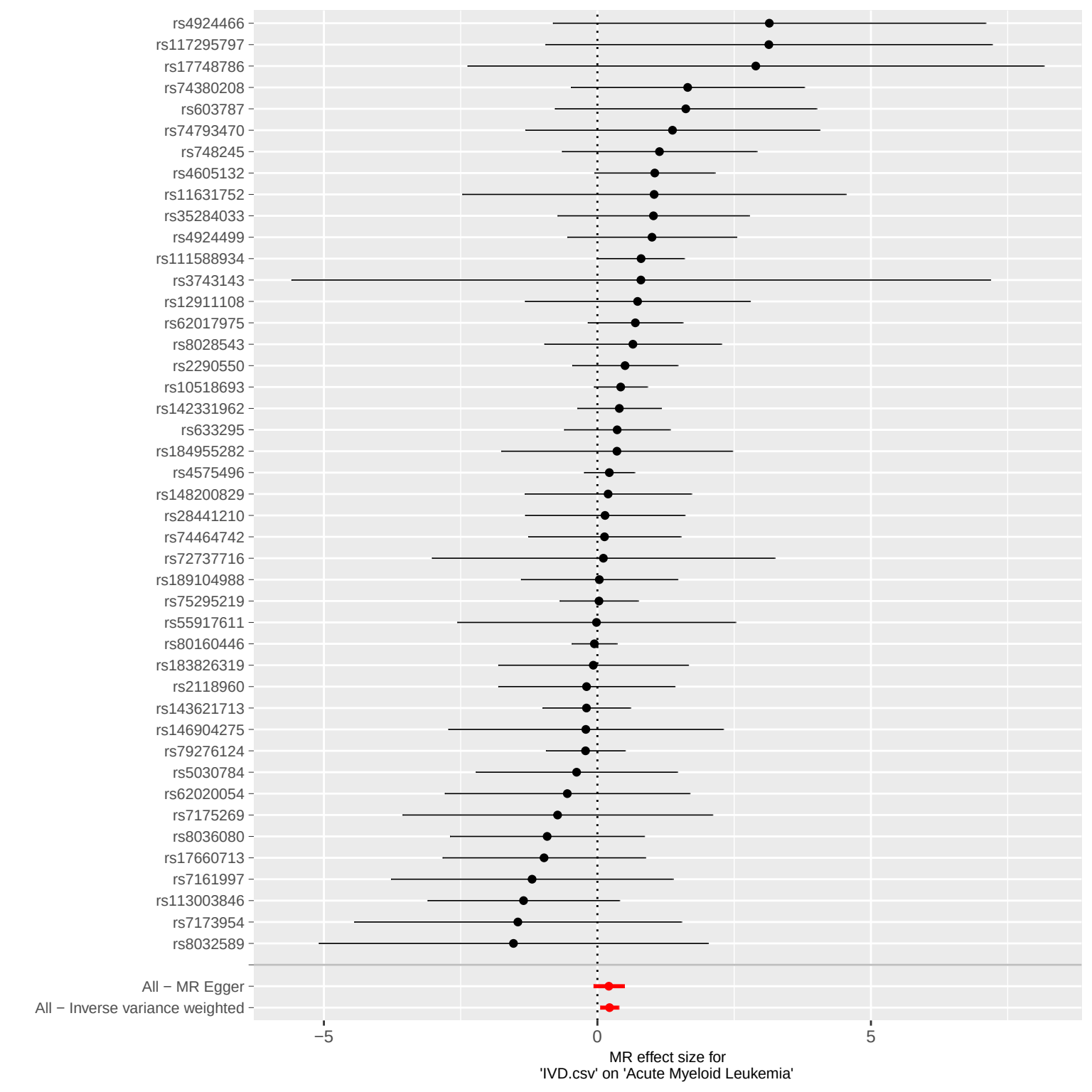
MR effect size for
'ITM2B.csv' on 'Acute Myeloid Leukemia'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rs113003846
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All − MR Egger
All − Inverse variance weighted
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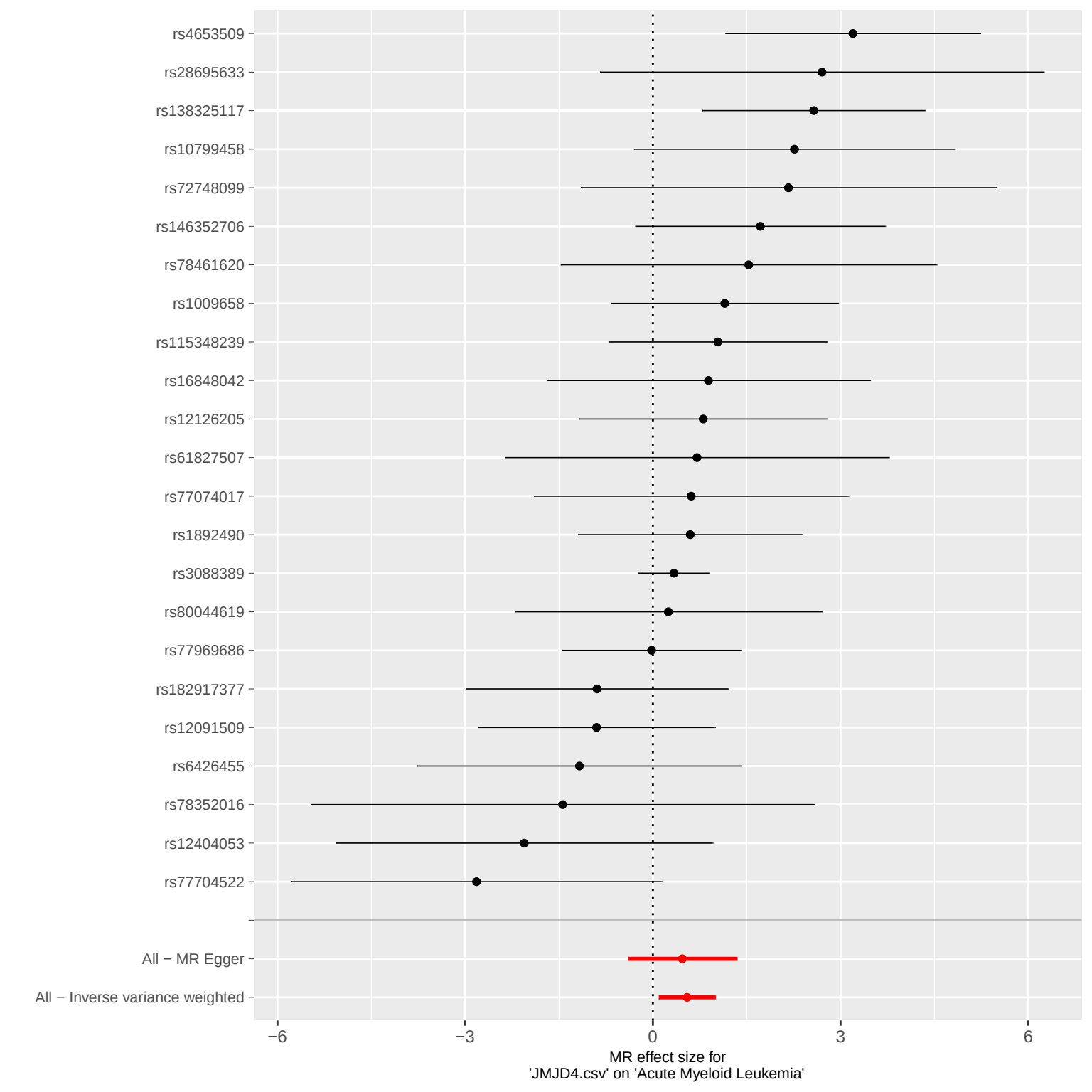
MR effect size for
'IVD.csv' on 'Acute Myeloid Leukemia'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rs77704522
All − MR Egger
All − Inverse variance weighted
−6
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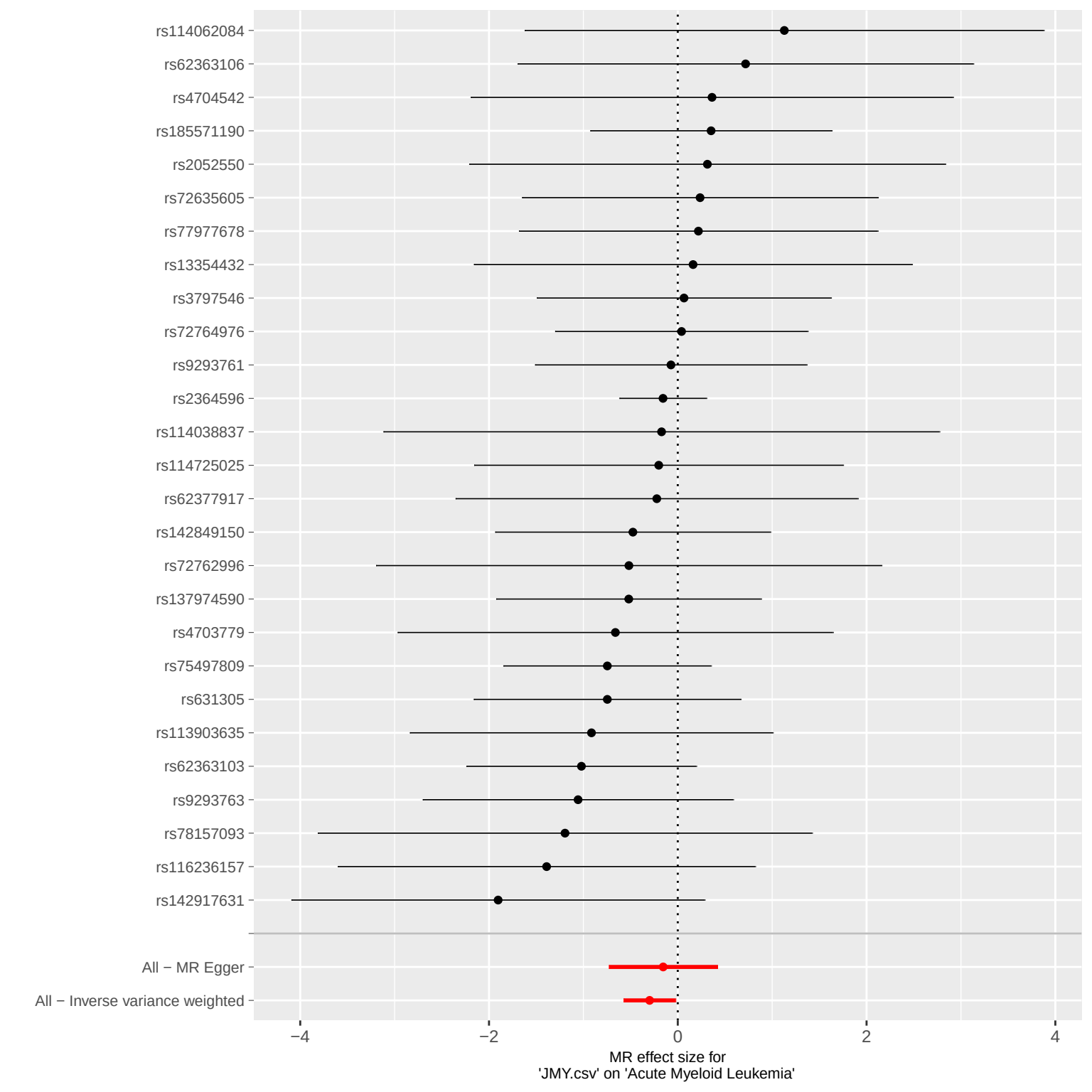
MR effect size for
'JMJD4.csv' on 'Acute Myeloid Leukemia'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rs9293763
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rs142917631
All − MR Egger
All − Inverse variance weighted
−4
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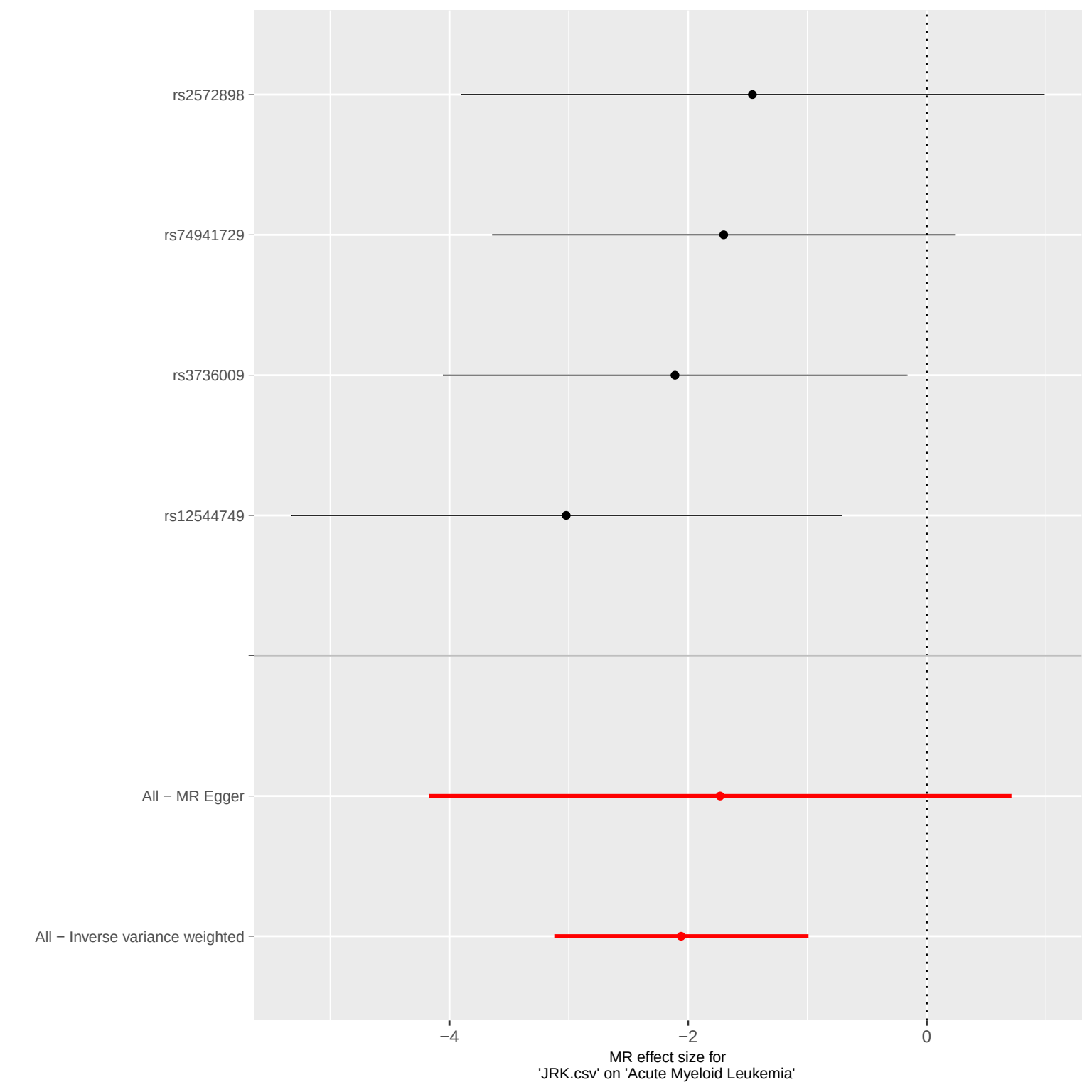
MR effect size for
'JMY.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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−2
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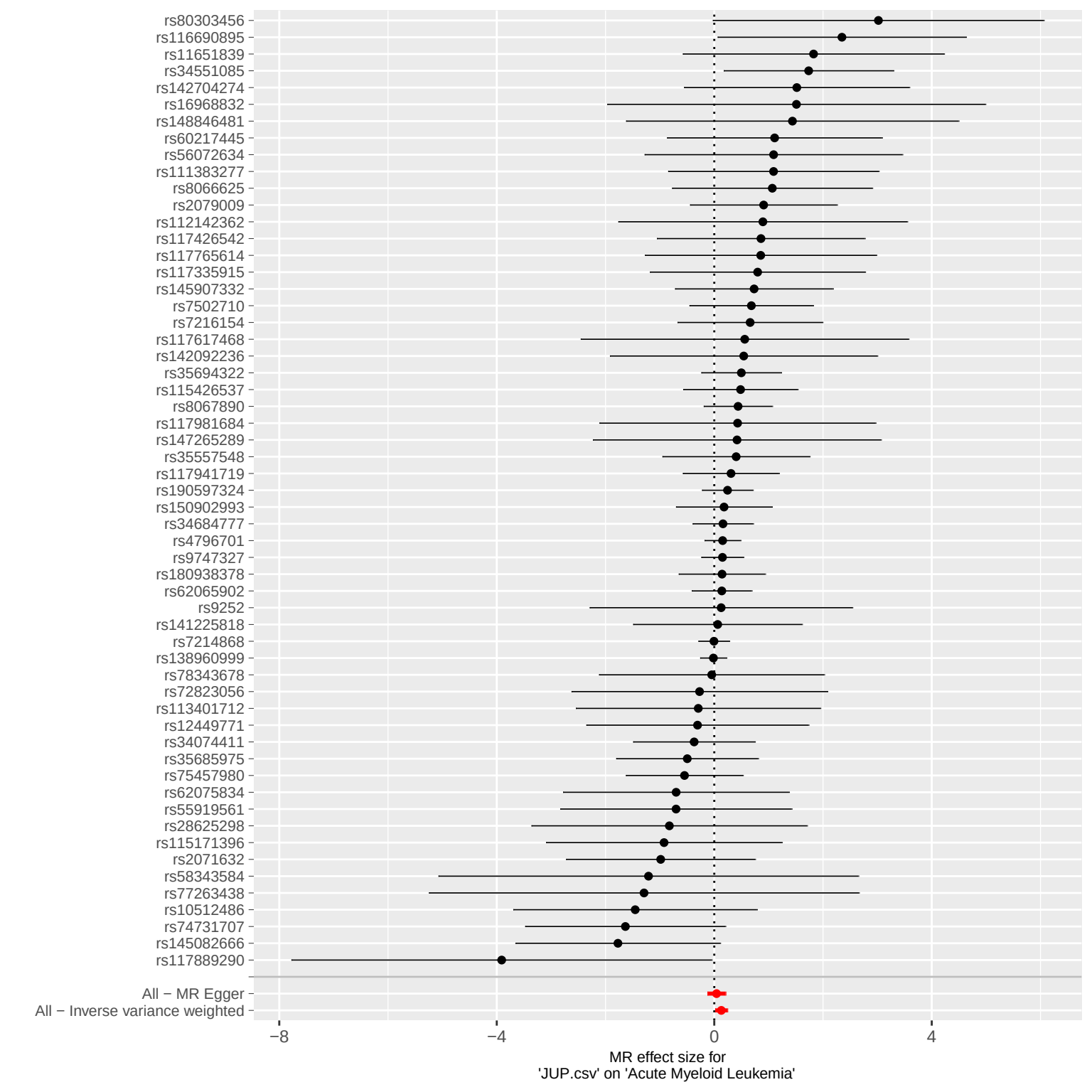
MR effect size for
'JRK.csv' on 'Acute Myeloid Leukemia'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rs145082666
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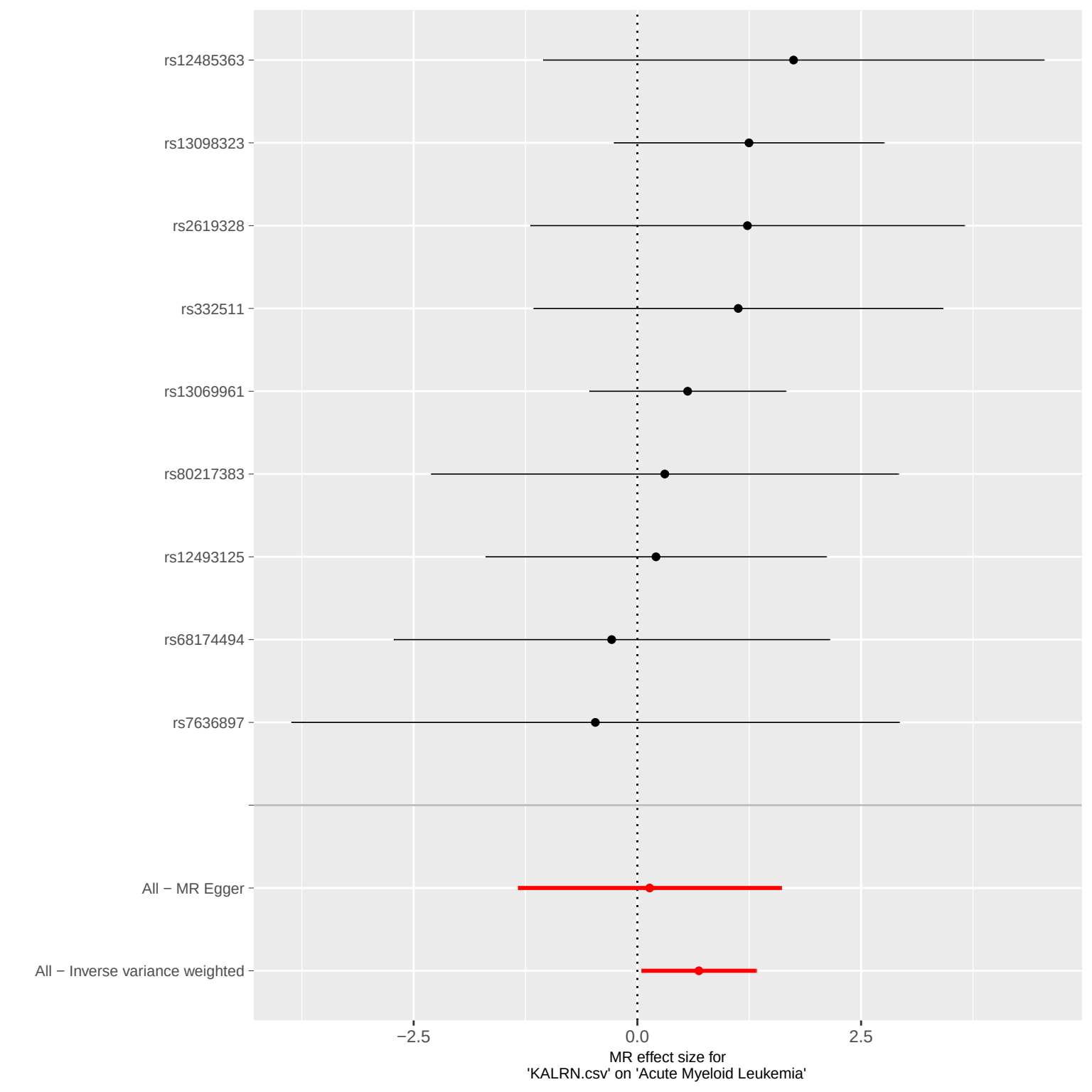
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'JUP.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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2.5
MR effect size for
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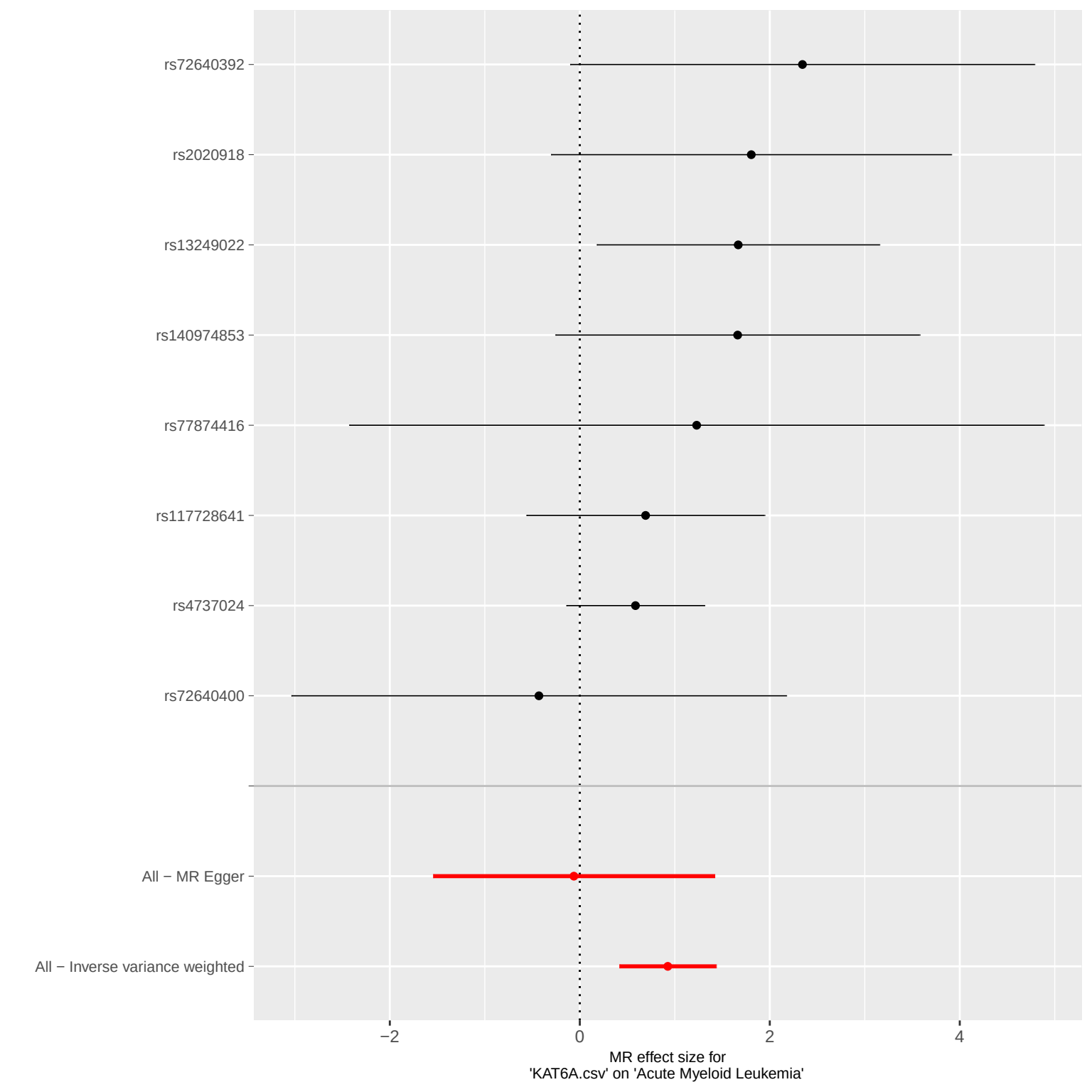
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rs77874416
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All − Inverse variance weighted
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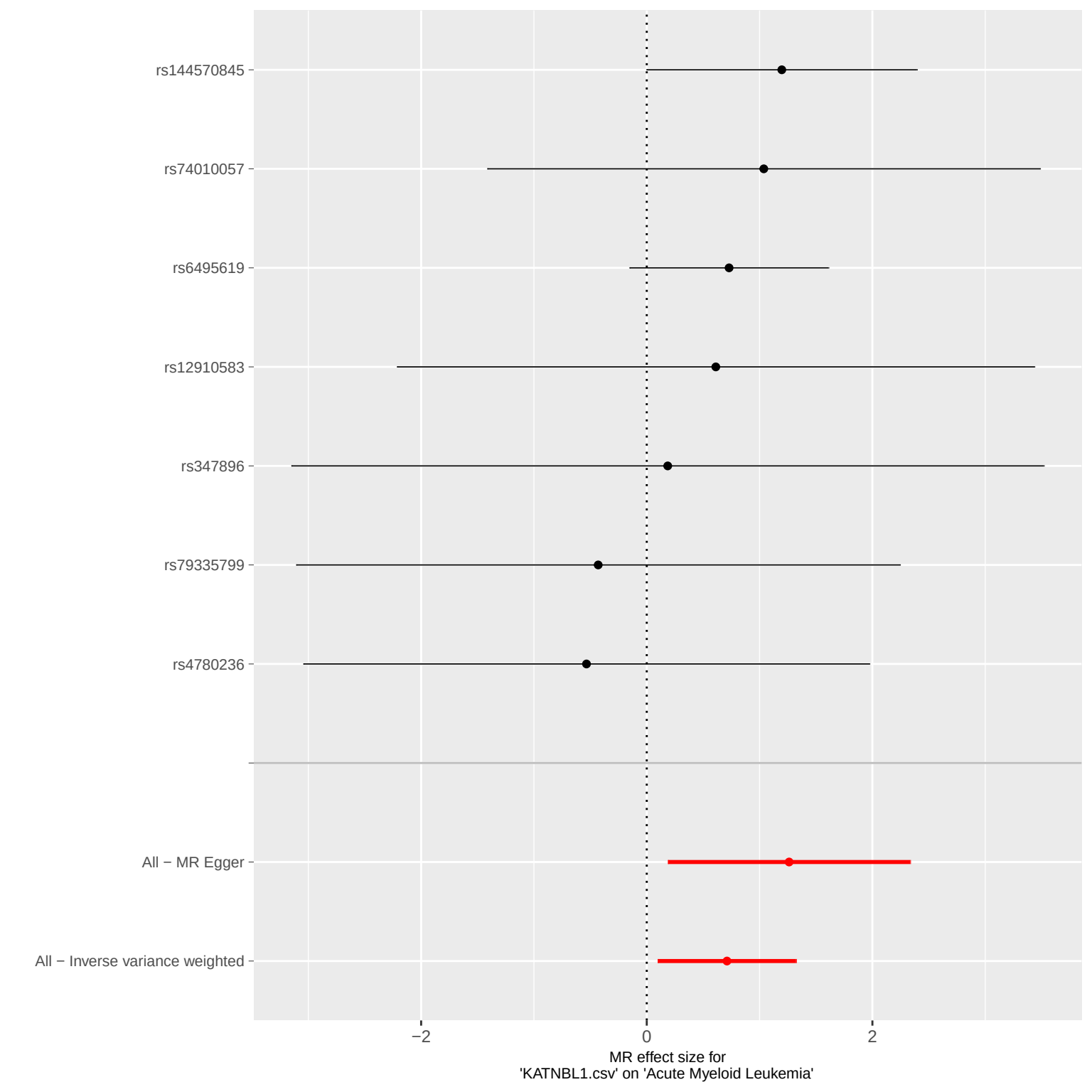
MR effect size for
'KAT6A.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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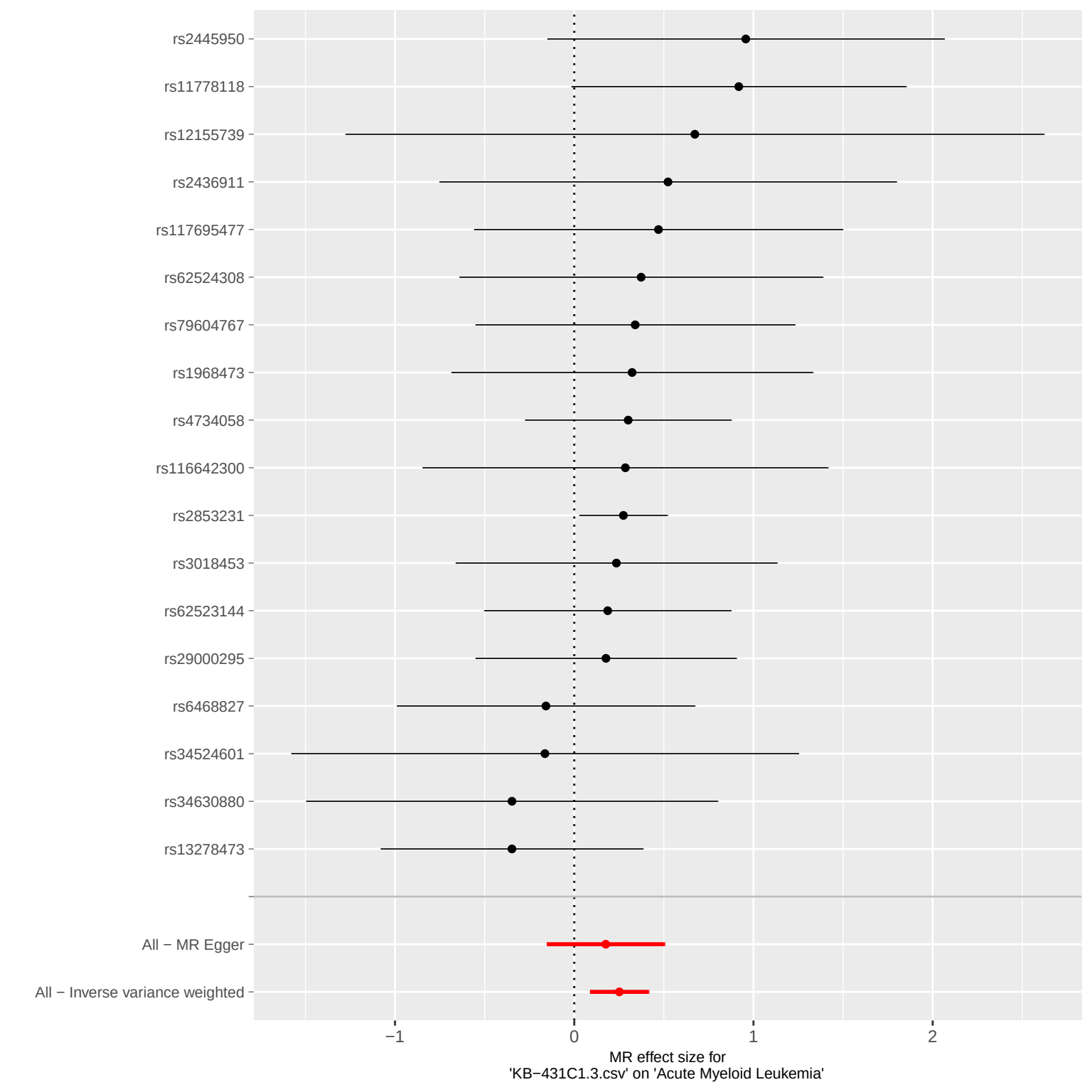
MR effect size for
'KATNBL1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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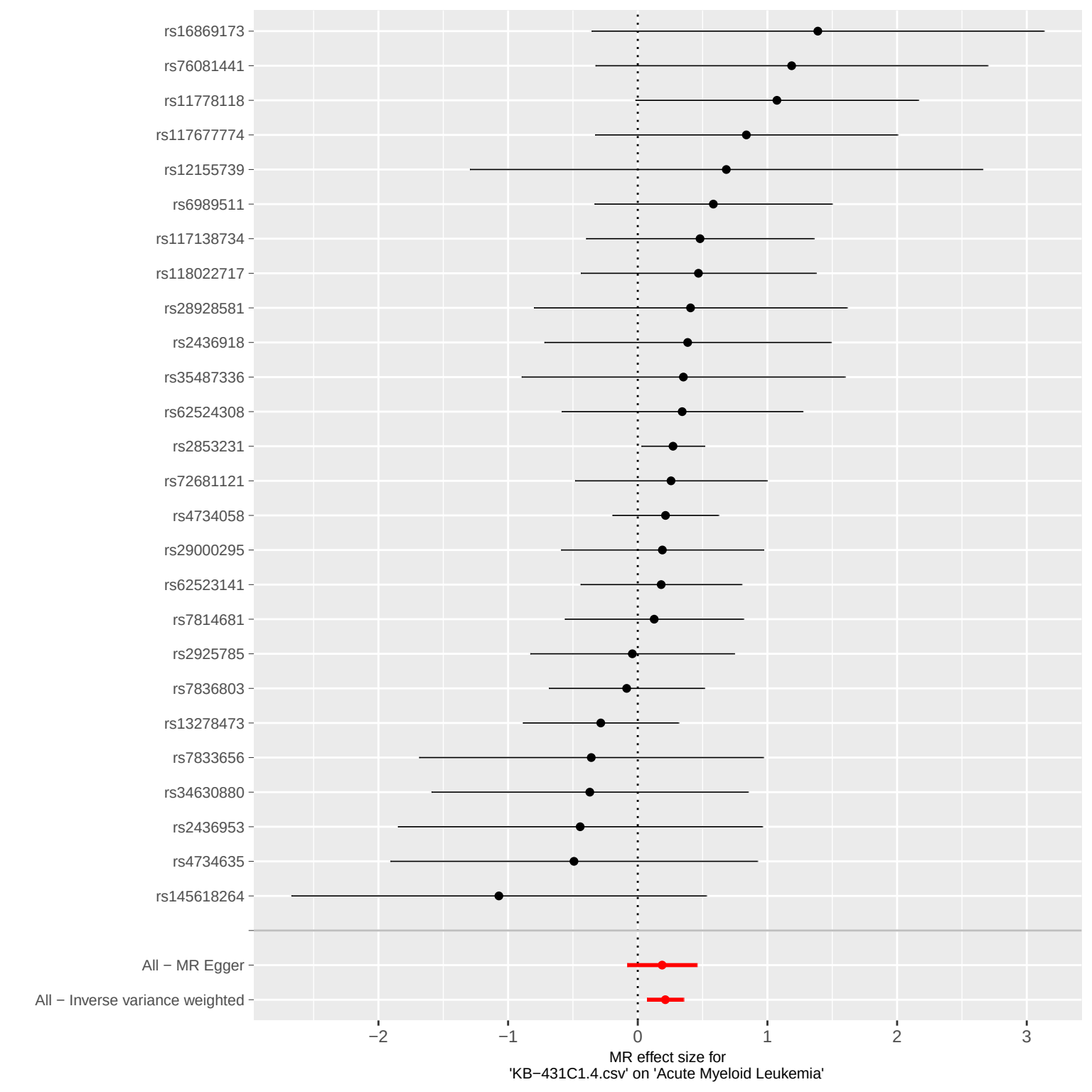
MR effect size for
'KB−431C1.3.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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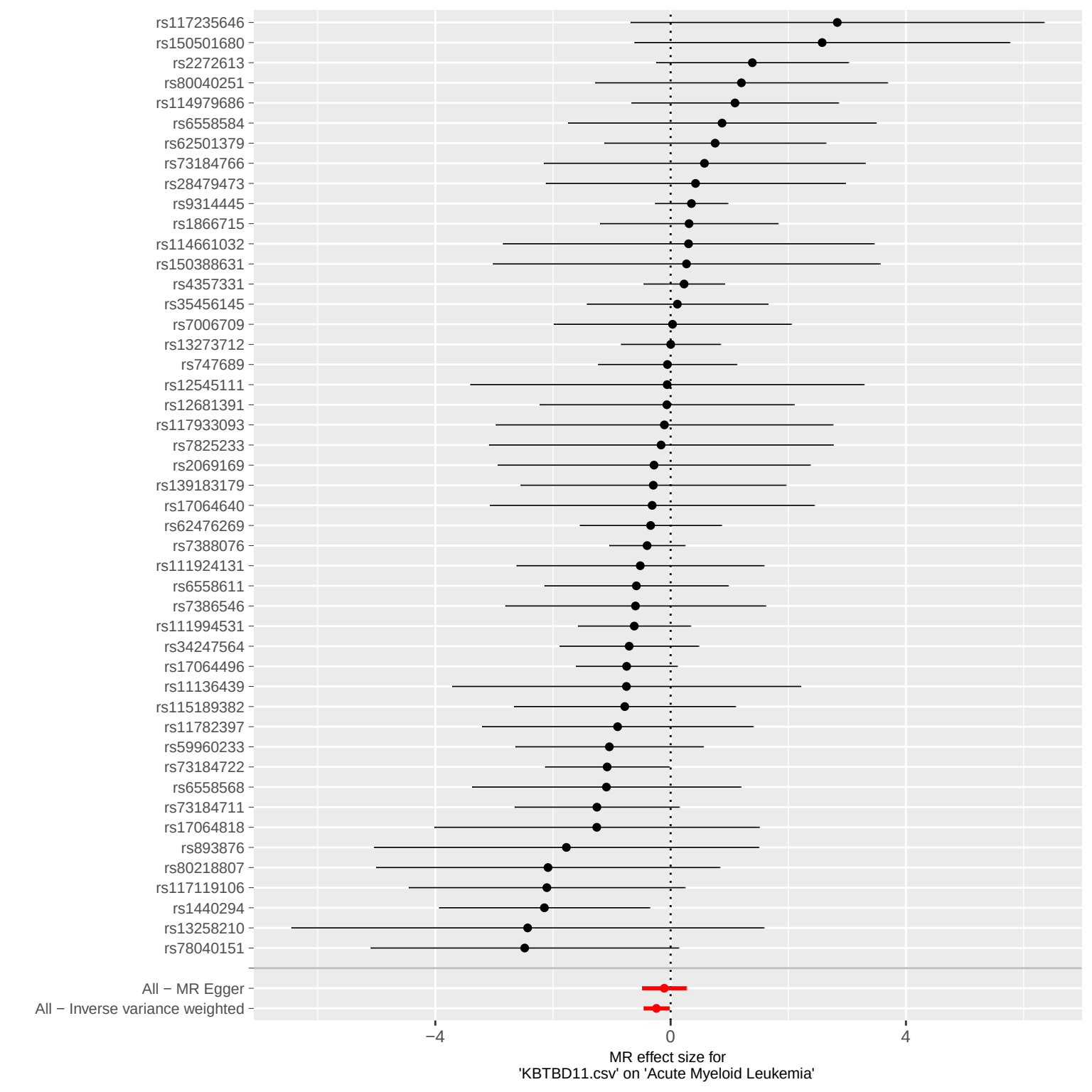
−1
0
1
2
3
MR effect size for
'KB−431C1.4.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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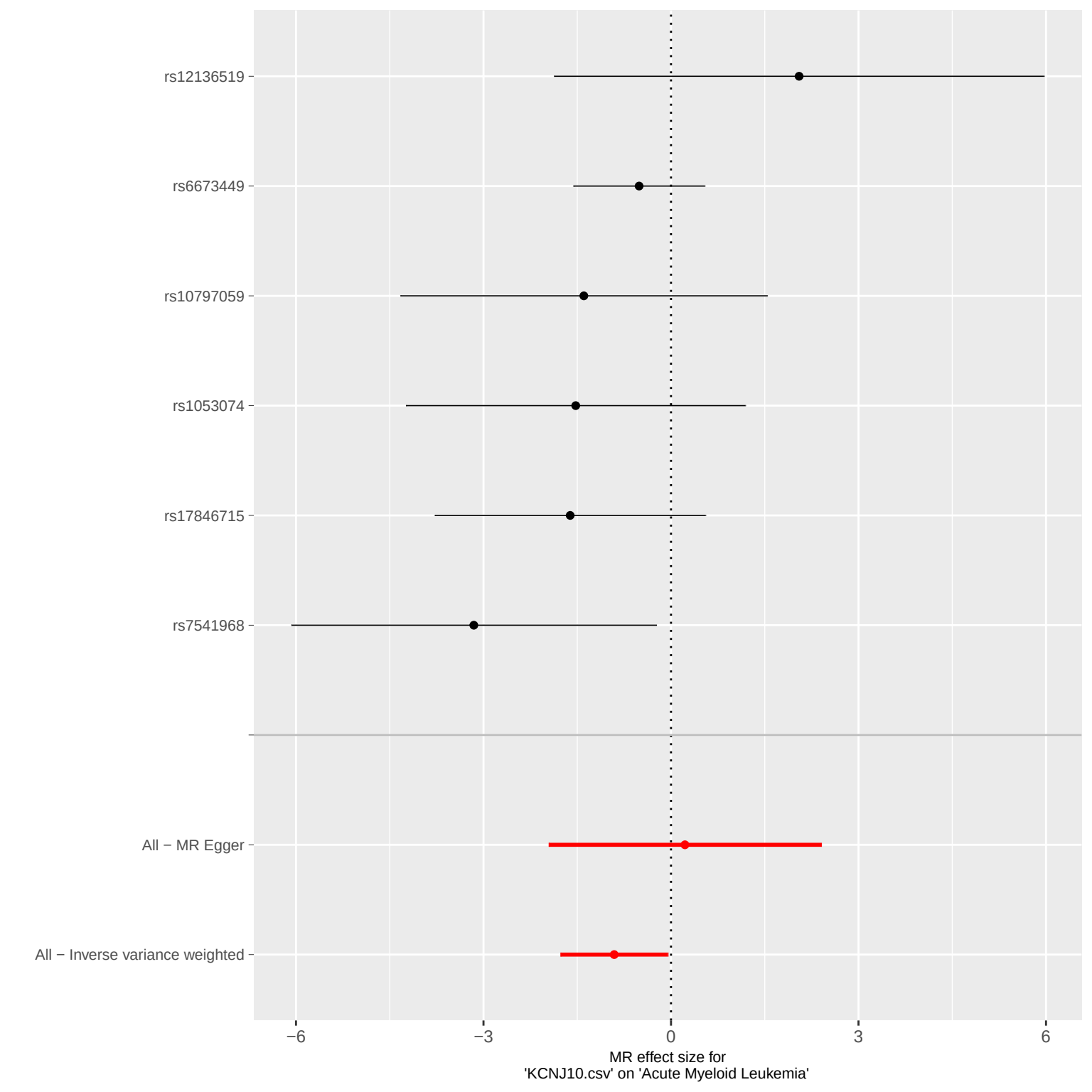
MR effect size for
'KBTBD11.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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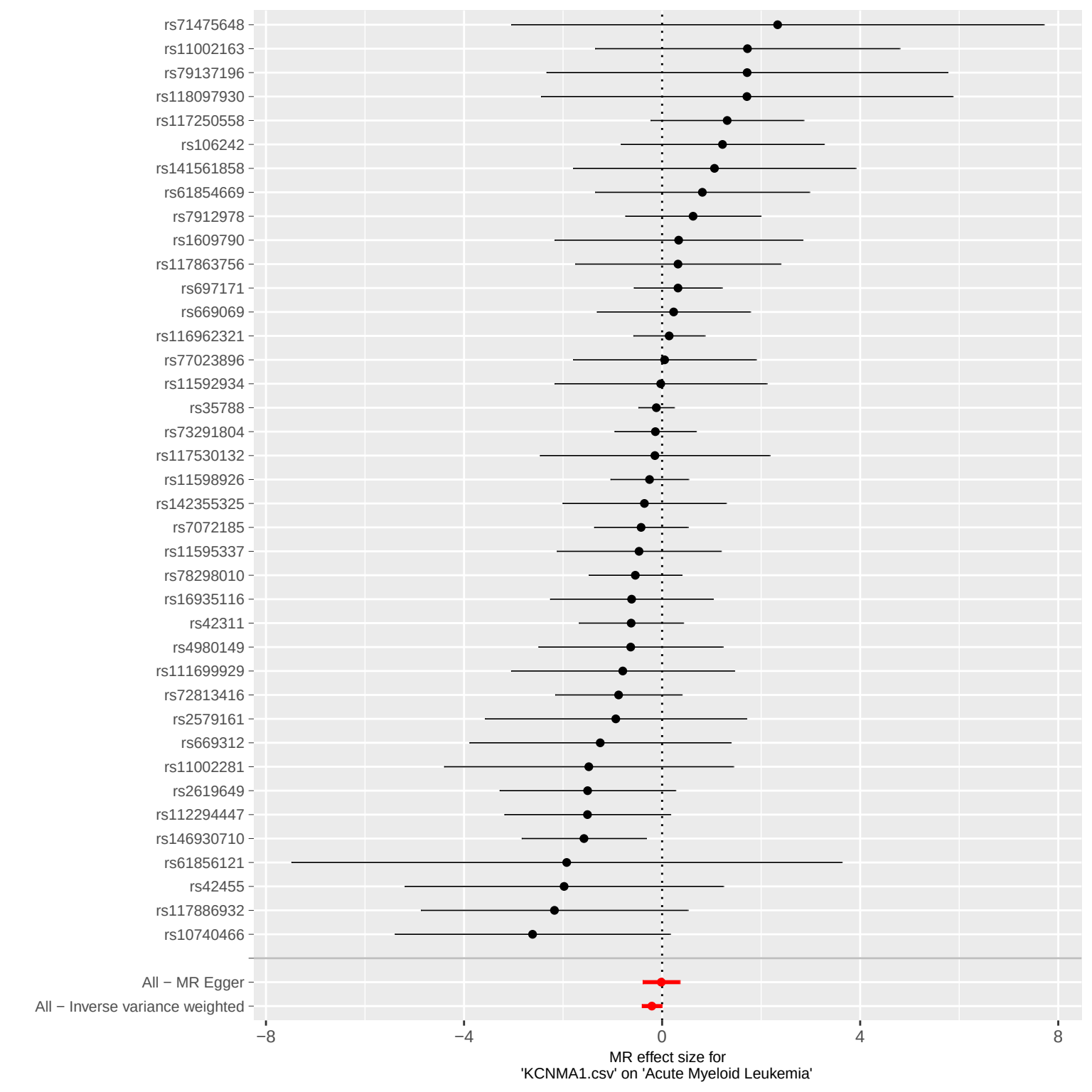
MR effect size for
'KCNJ10.csv' on 'Acute Myeloid Leukemia'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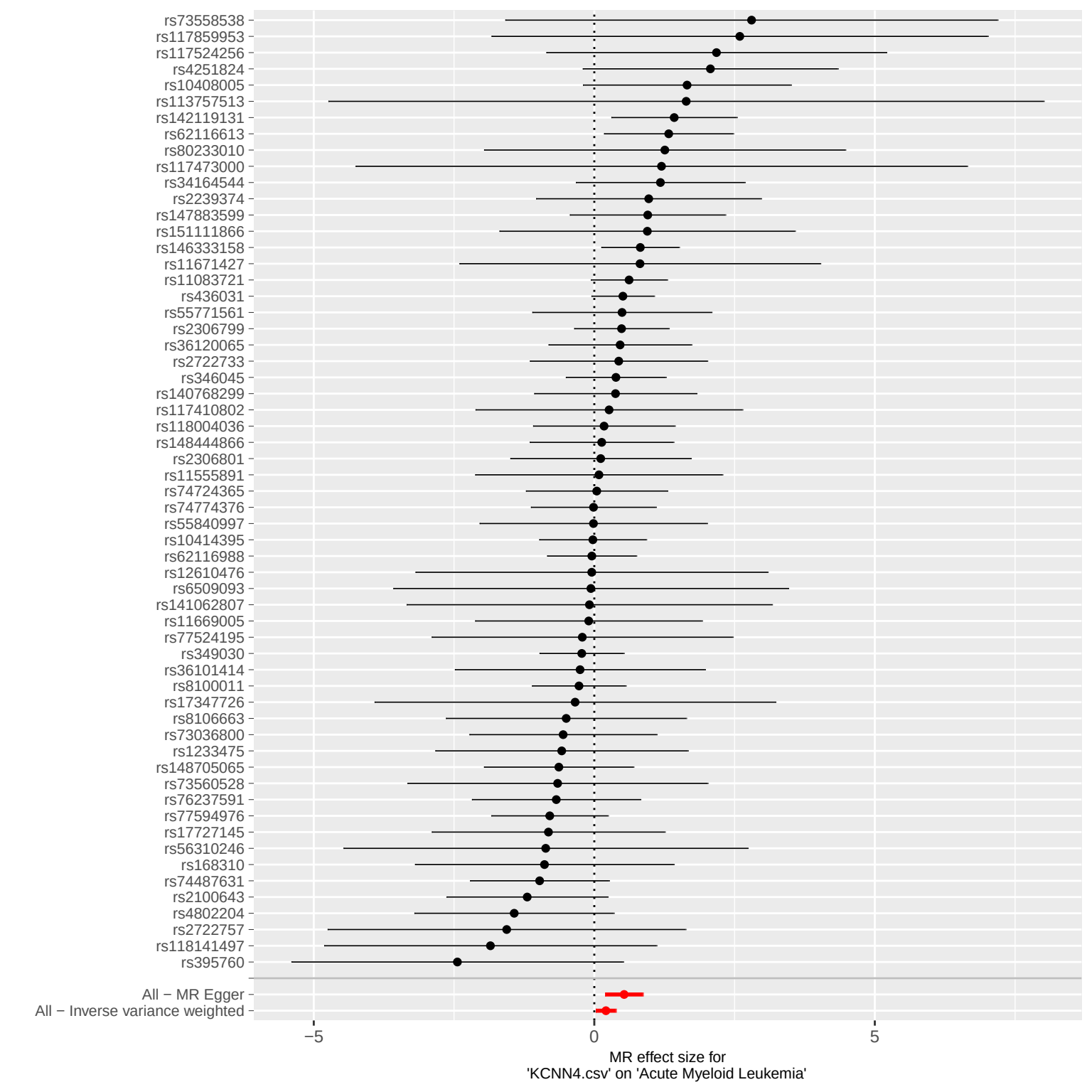
MR effect size for
'KCNMA1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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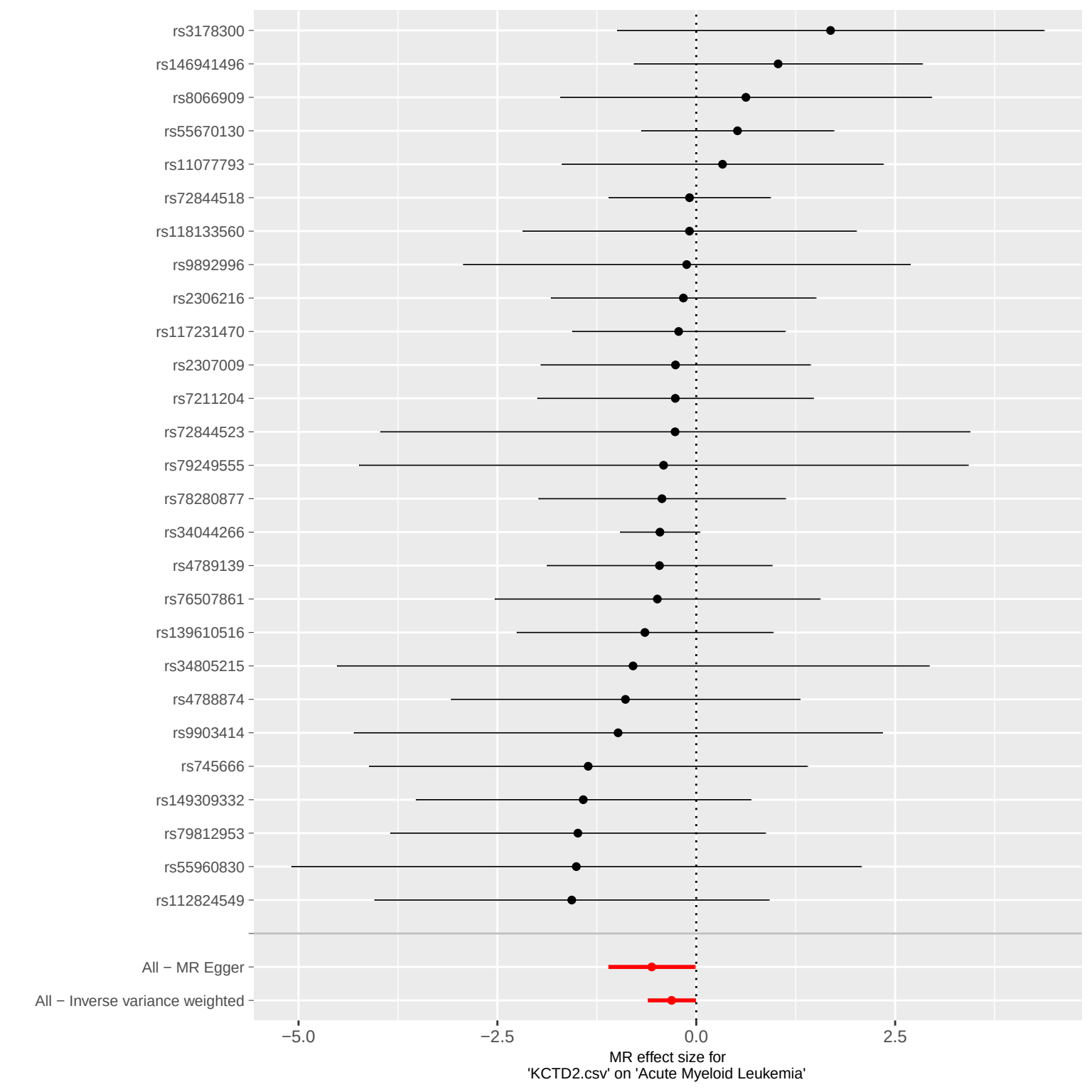
MR effect size for
'KCNN4.csv' on 'Acute Myeloid Leukemia'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rs745666
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rs55960830
rs112824549
All − MR Egger
All − Inverse variance weighted
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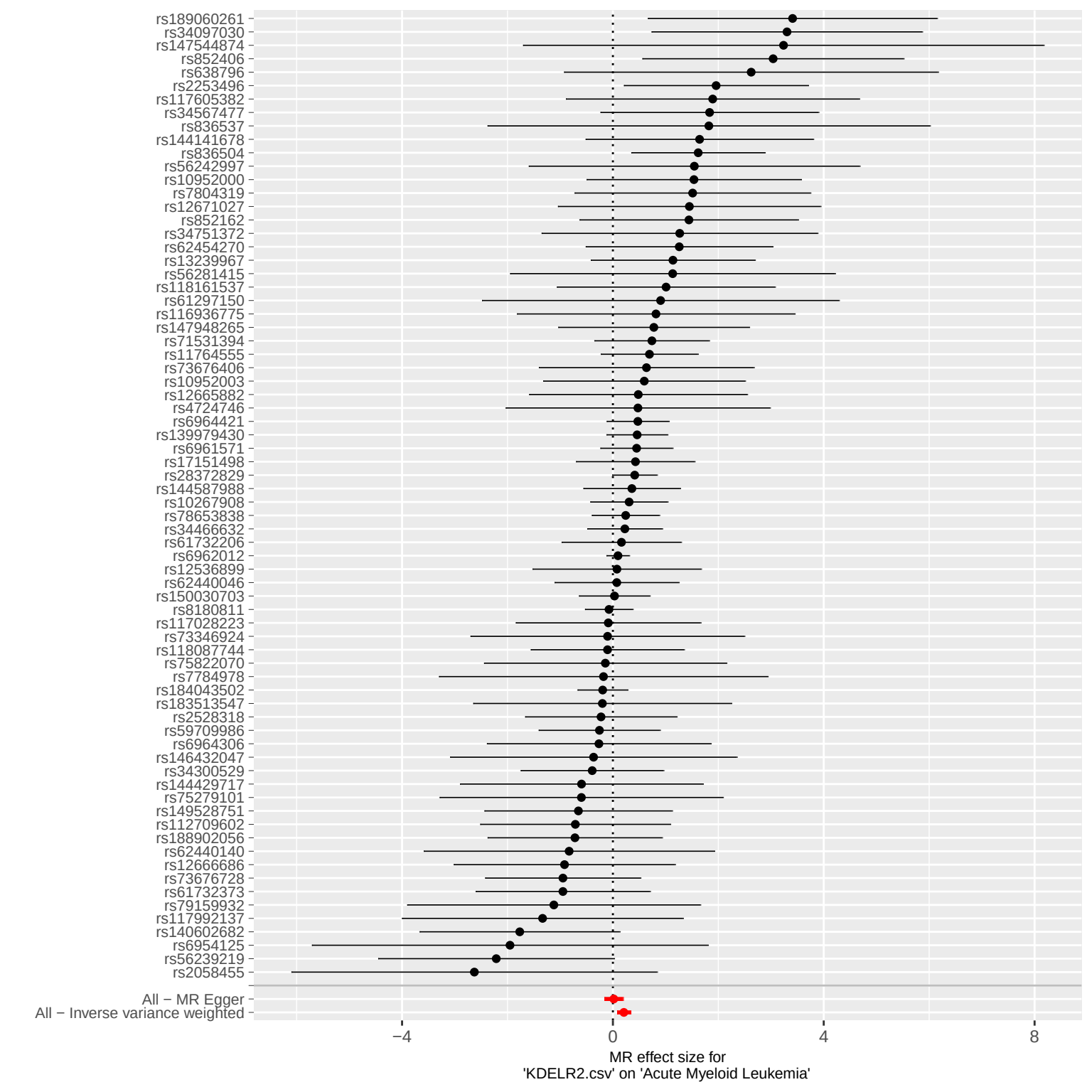
−2.5
0.0
2.5
MR effect size for
'KCTD2.csv' on 'Acute Myeloid Leukemia'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rs117992137
rs140602682
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rs56239219
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All − MR Egger
All − Inverse variance weighted
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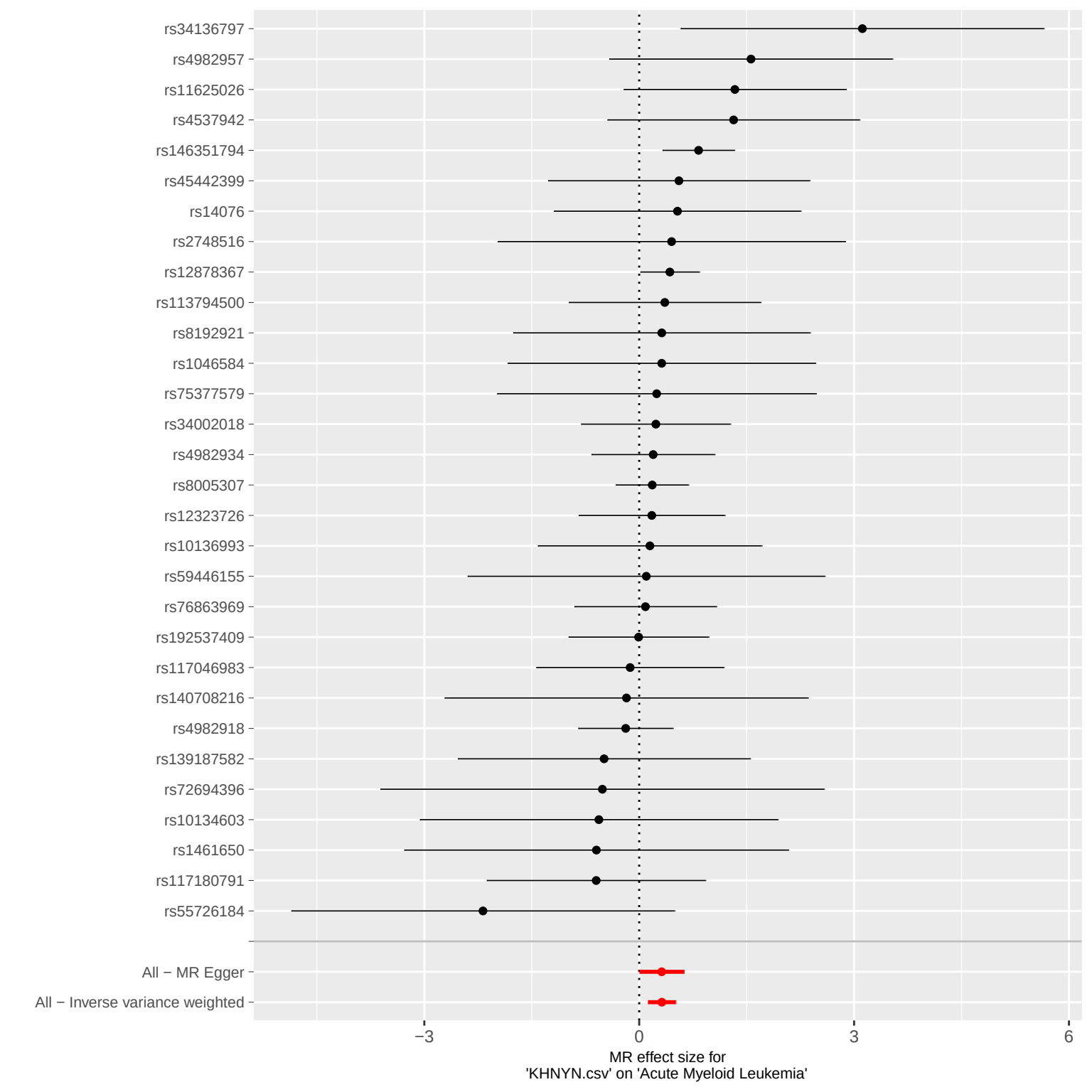
0
4
8
MR effect size for
'KDELR2.csv' on 'Acute Myeloid Leukemia'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rs117180791
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All − MR Egger
All − Inverse variance weighted
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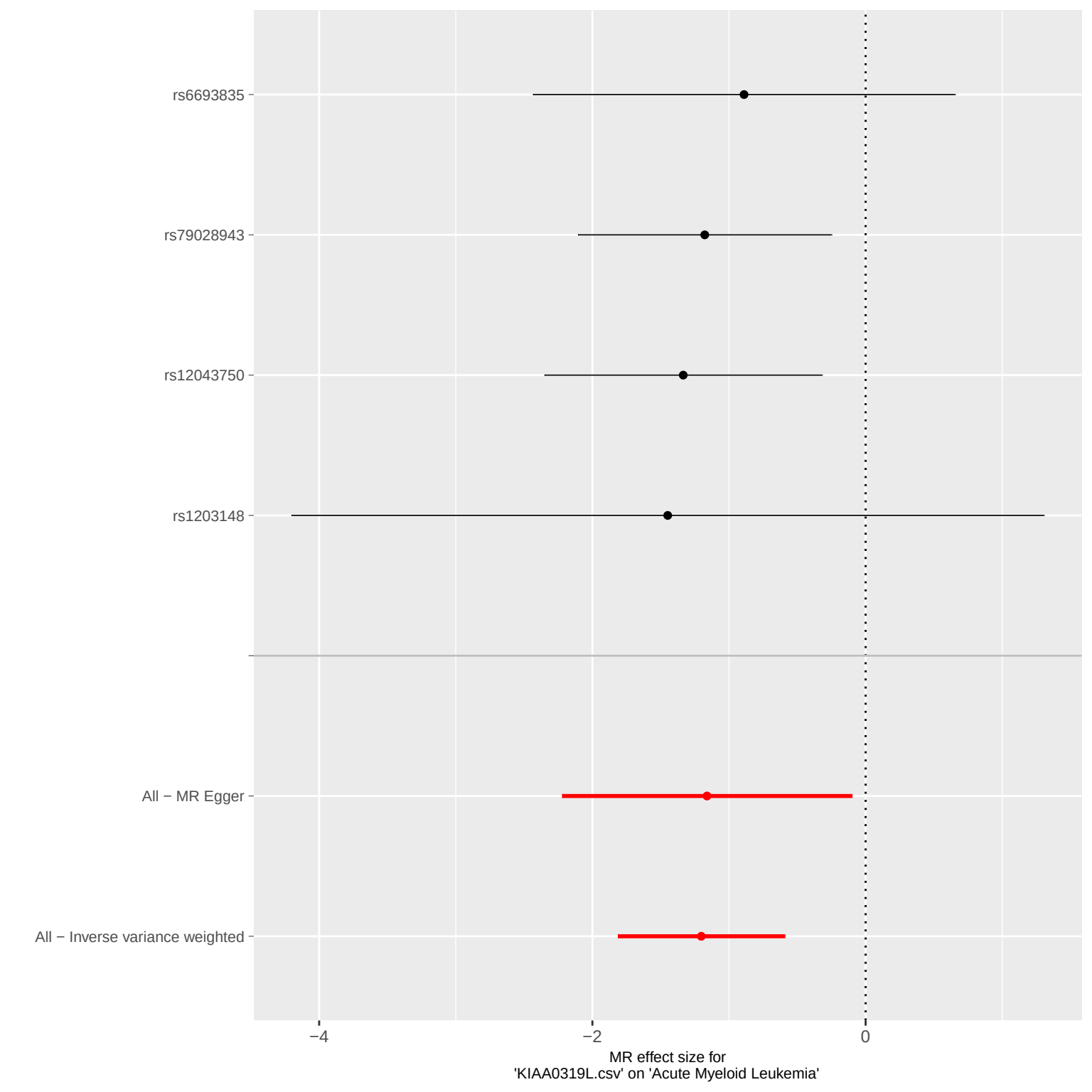
3
6
MR effect size for
'KHNYN.csv' on 'Acute Myeloid Leukemia'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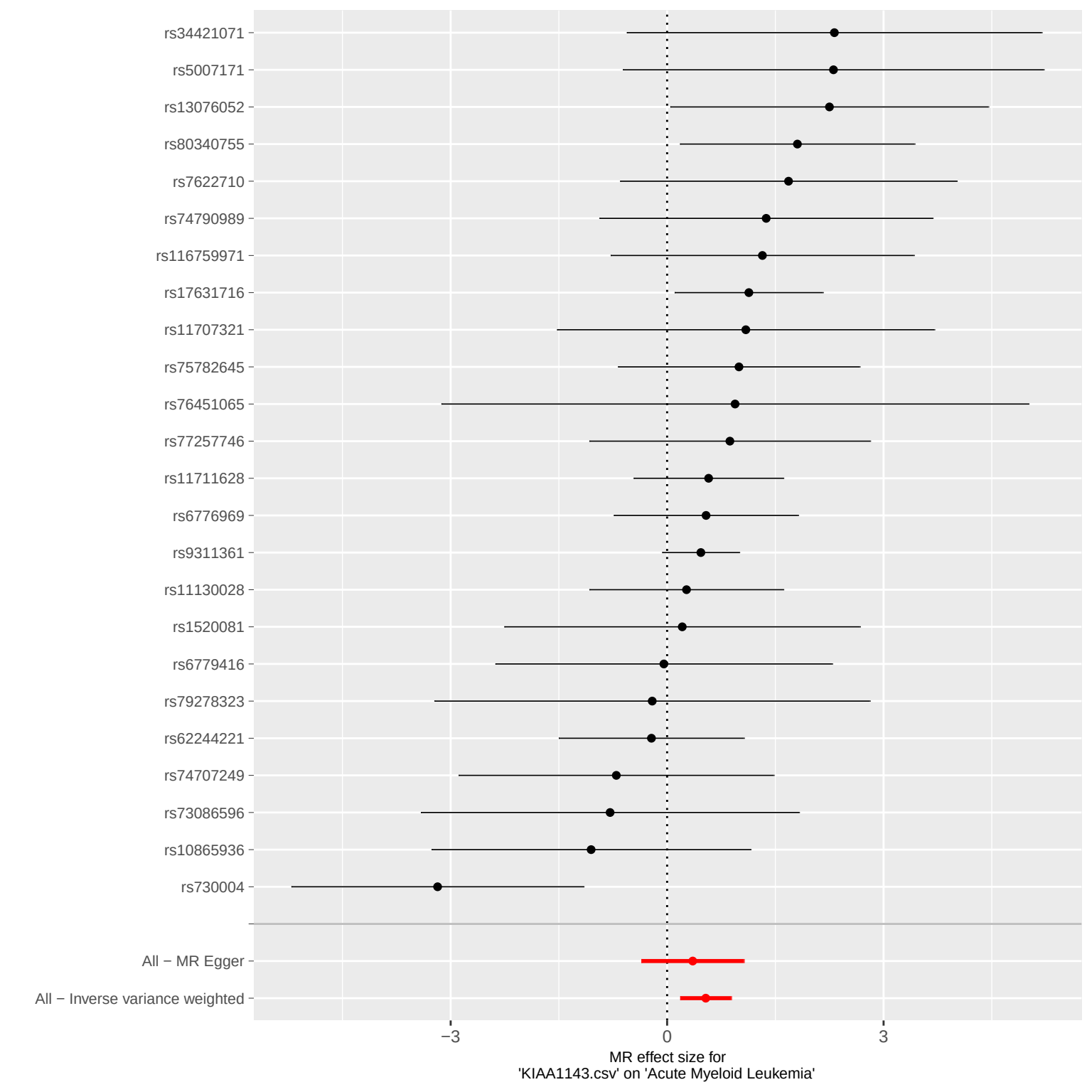
All − Inverse variance weighted
−4
−2
0
MR effect size for
'KIAA0319L.csv' on 'Acute Myeloid Leukemia'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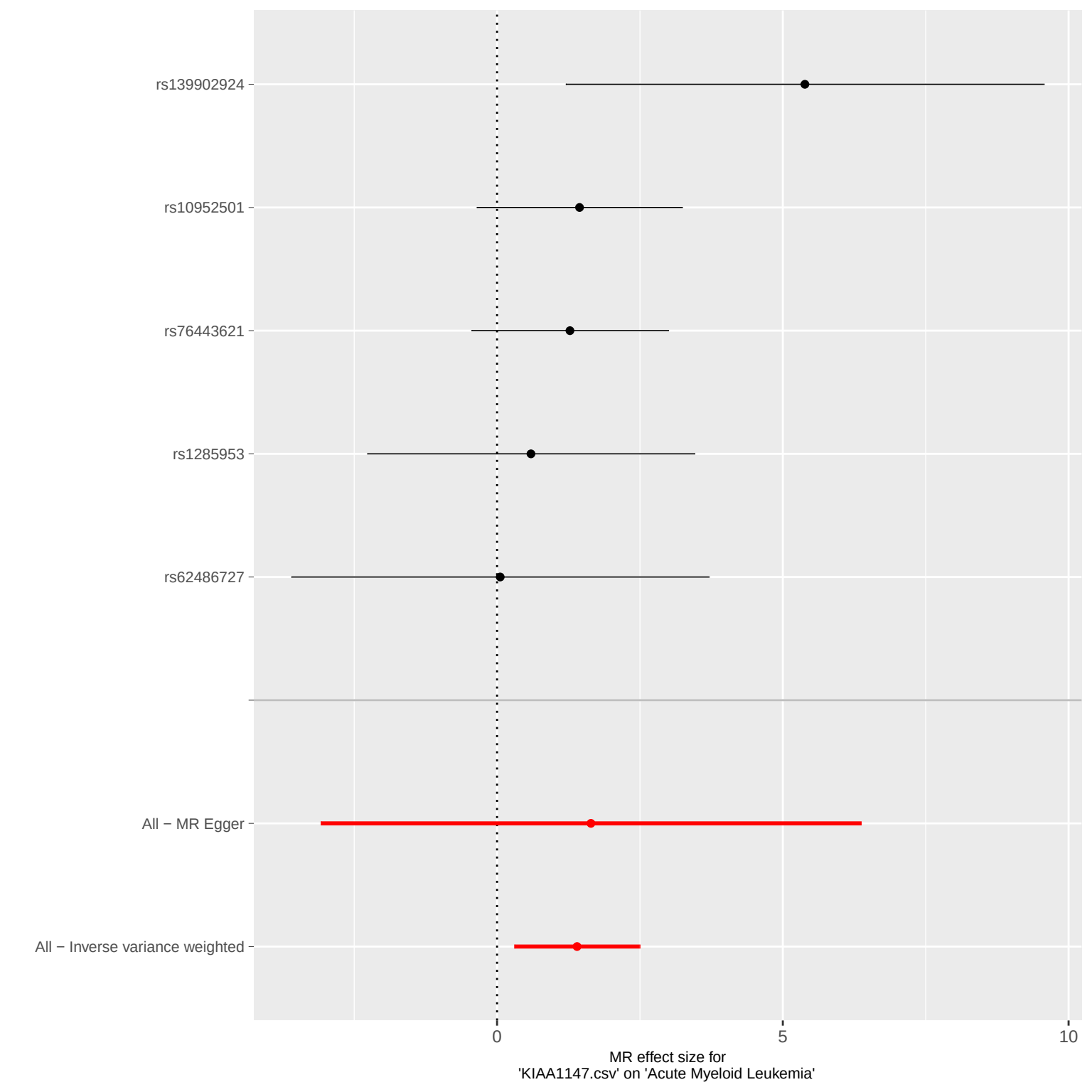
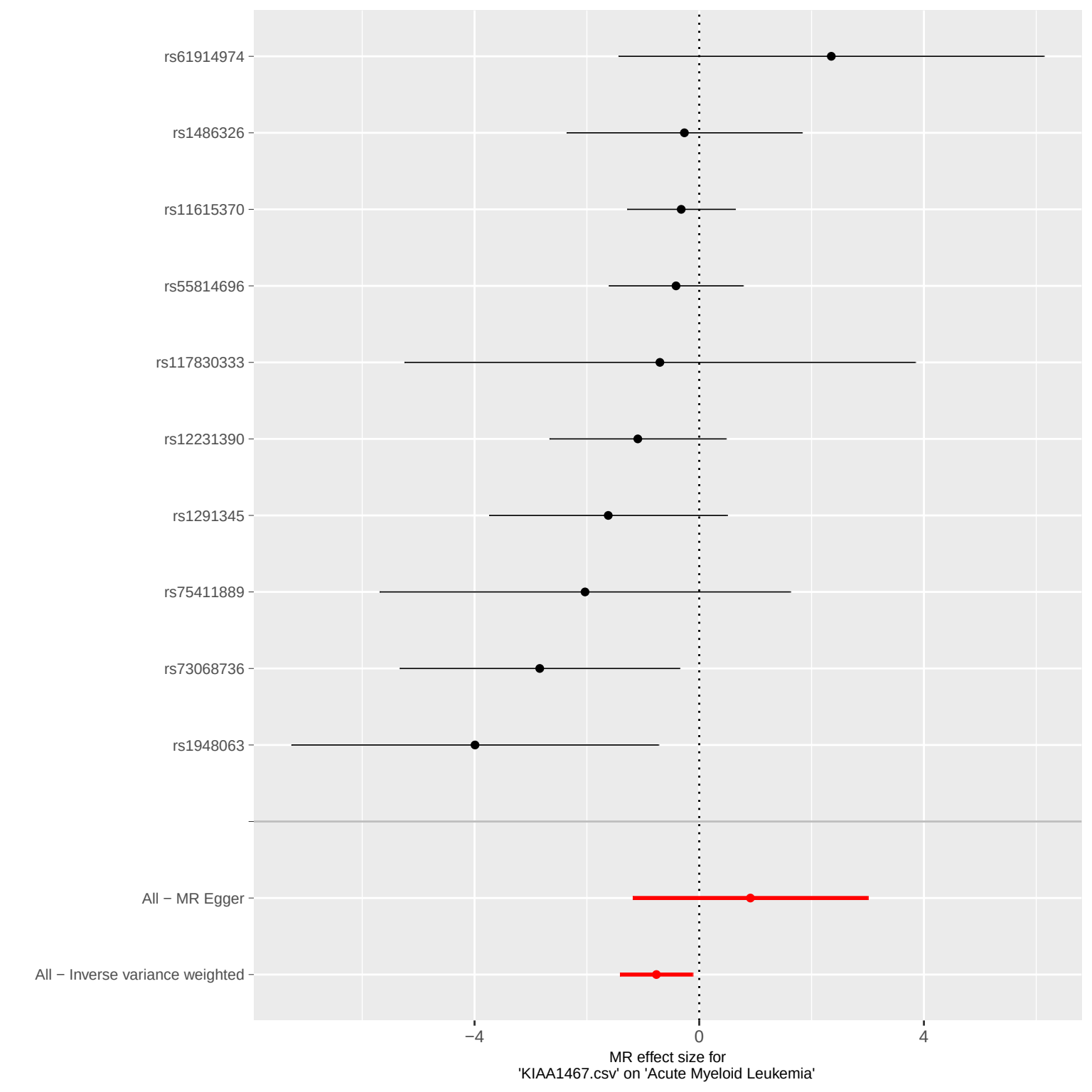
rs6779416
rs79278323
rs62244221
rs74707249
rs73086596
rs10865936
rs730004
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'KIAA1143.csv' on 'Acute Myeloid Leukemia'


rs139902924
rs10952501
rs76443621
rs1285953
rs62486727
All − MR Egger
All − Inverse variance weighted
0
5
10
MR effect size for
'KIAA1147.csv' on 'Acute Myeloid Leukemia'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rs117830333
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rs75411889
rs73068736
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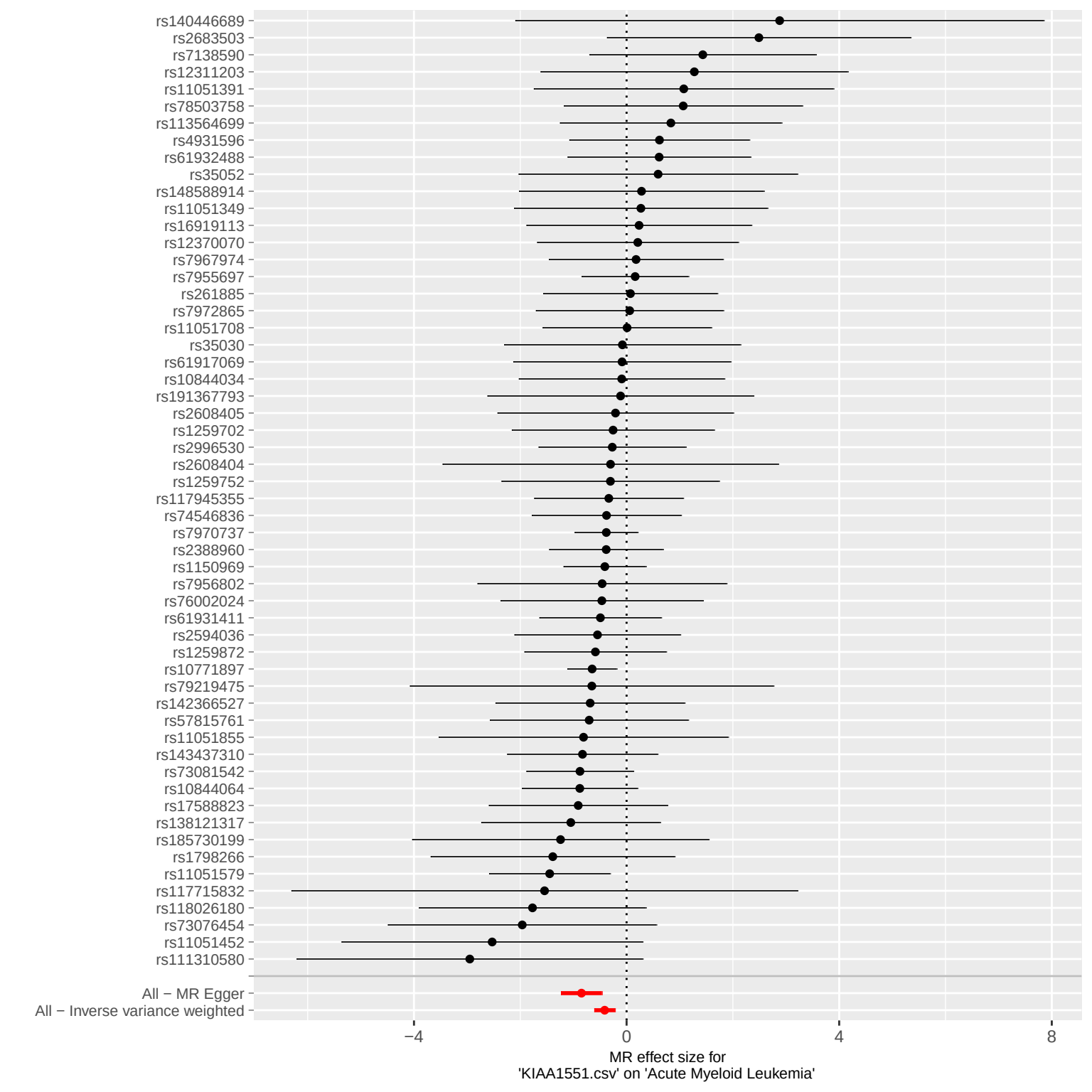
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'KIAA1467.csv' on 'Acute Myeloid Leukemia'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rs35052
rs148588914
rs11051349
rs16919113
rs12370070
rs7967974
rs7955697
rs261885
rs7972865
rs11051708
rs35030
rs61917069
rs10844034
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rs2608405
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rs7956802
rs76002024
rs61931411
rs2594036
rs1259872
rs10771897
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rs142366527
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rs11051855
rs143437310
rs73081542
rs10844064
rs17588823
rs138121317
rs185730199
rs1798266
rs11051579
rs117715832
rs118026180
rs73076454
rs11051452
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All − MR Egger
All − Inverse variance weighted
−4
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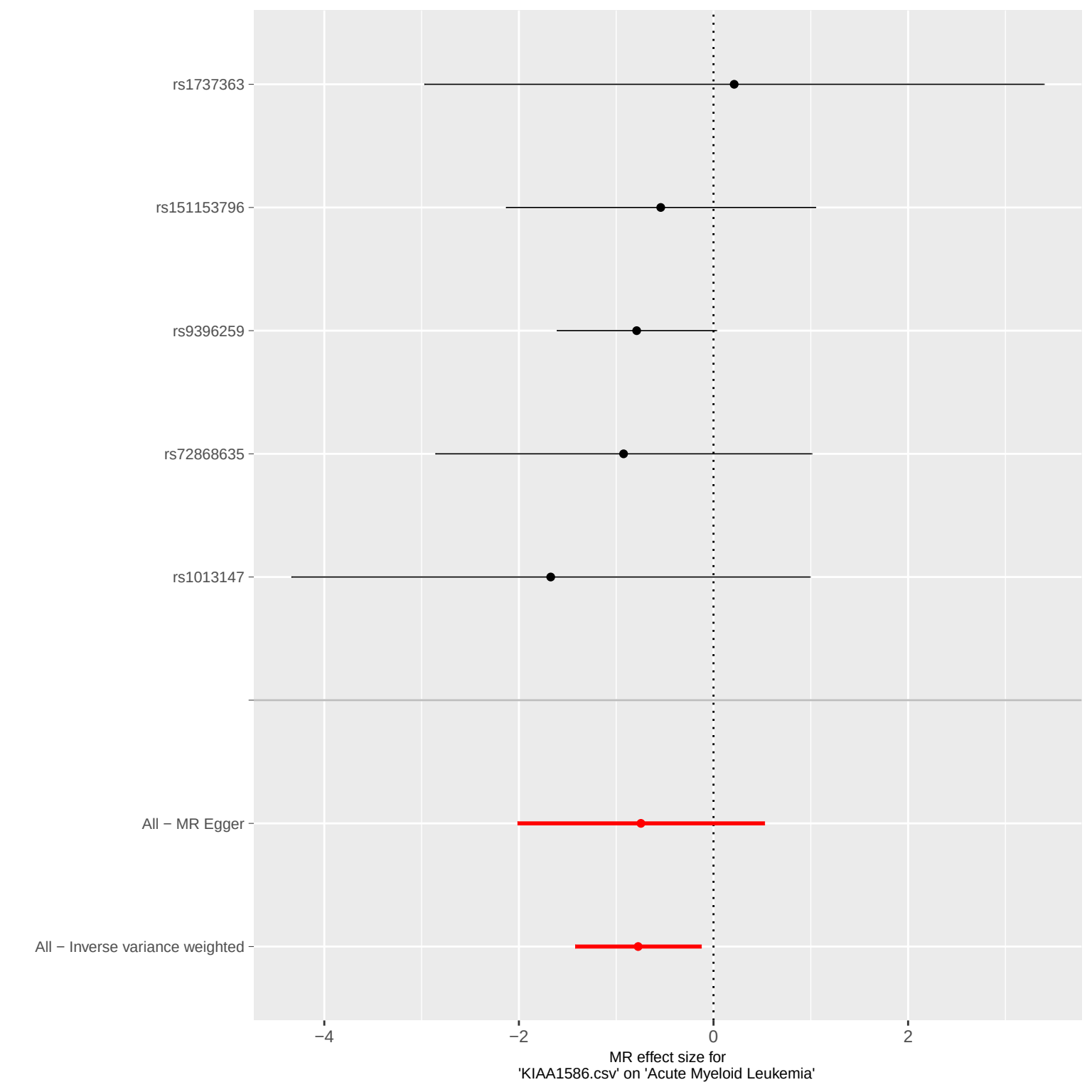
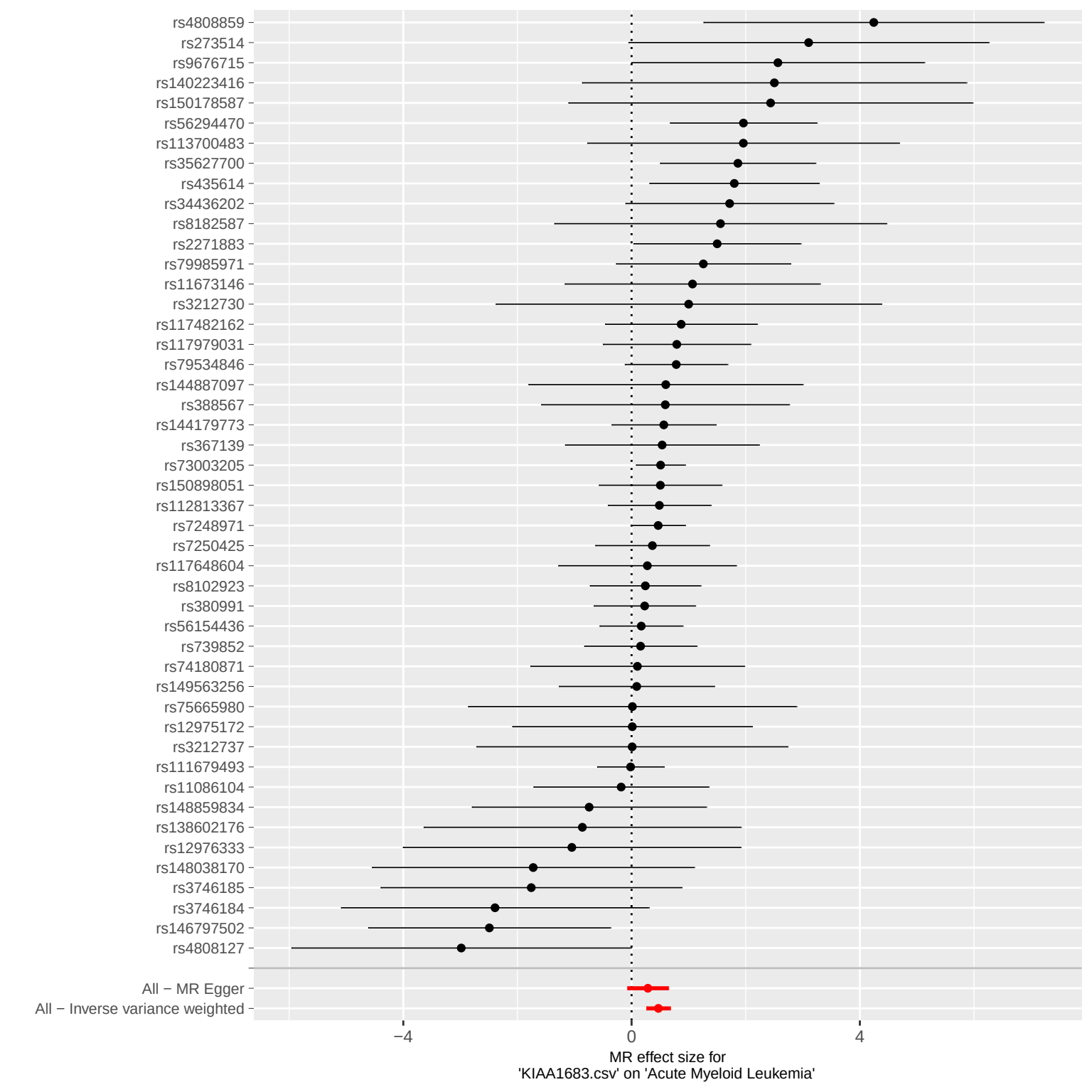
8
MR effect size for
'KIAA1551.csv' on 'Acute Myeloid Leukemia'


rs1737363
rs151153796
rs9396259
rs72868635
rs1013147
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'KIAA1586.csv' on 'Acute Myeloid Leukemia'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rs2271883
rs79985971
rs11673146
rs3212730
rs117482162
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rs79534846
rs144887097
rs388567
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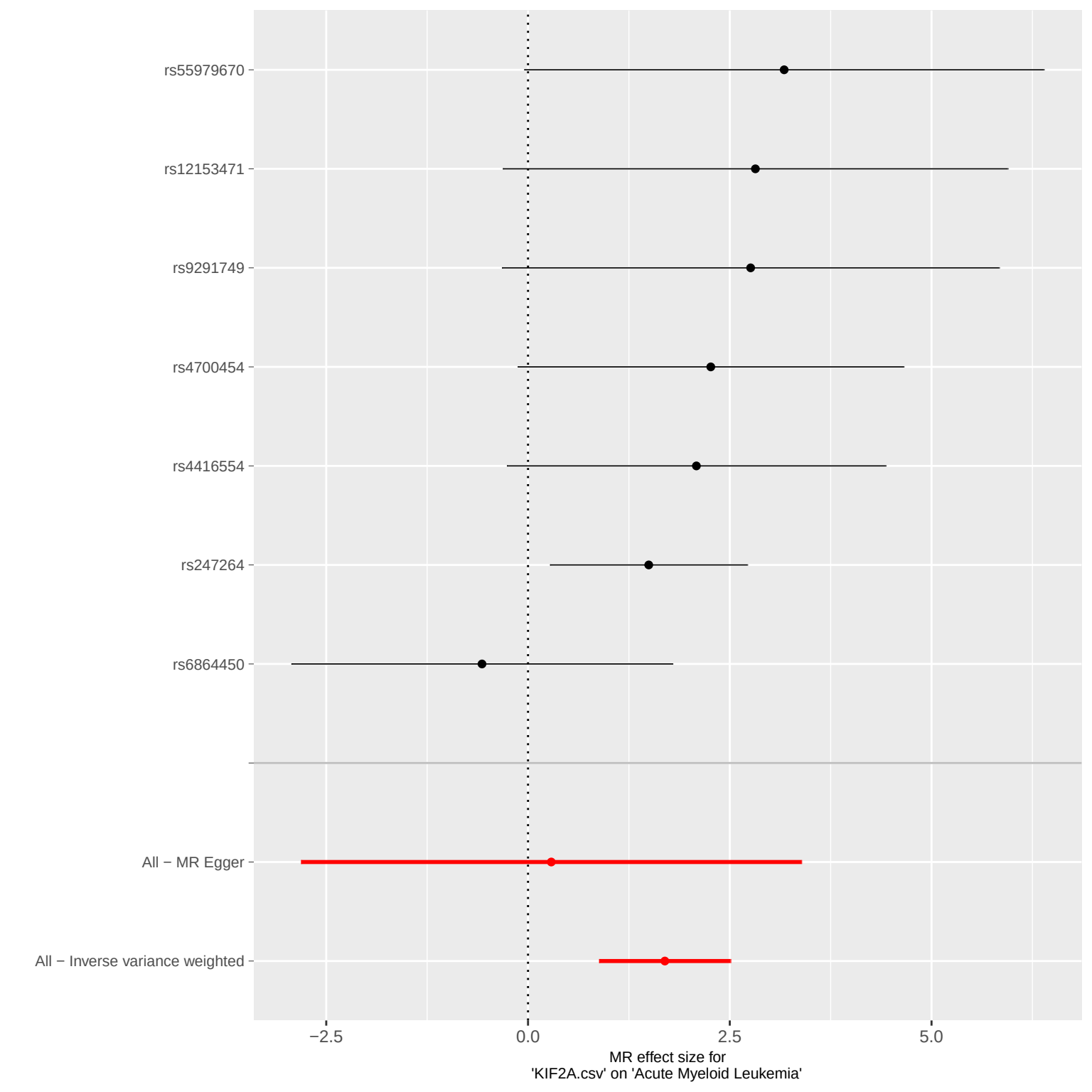
rs367139
rs73003205
rs150898051
rs112813367
rs7248971
rs7250425
rs117648604
rs8102923
rs380991
rs56154436
rs739852
rs74180871
rs149563256
rs75665980
rs12975172
rs3212737
rs111679493
rs11086104
rs148859834
rs138602176
rs12976333
rs148038170
rs3746185
rs3746184
rs146797502
rs4808127
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'KIAA1683.csv' on 'Acute Myeloid Leukemia'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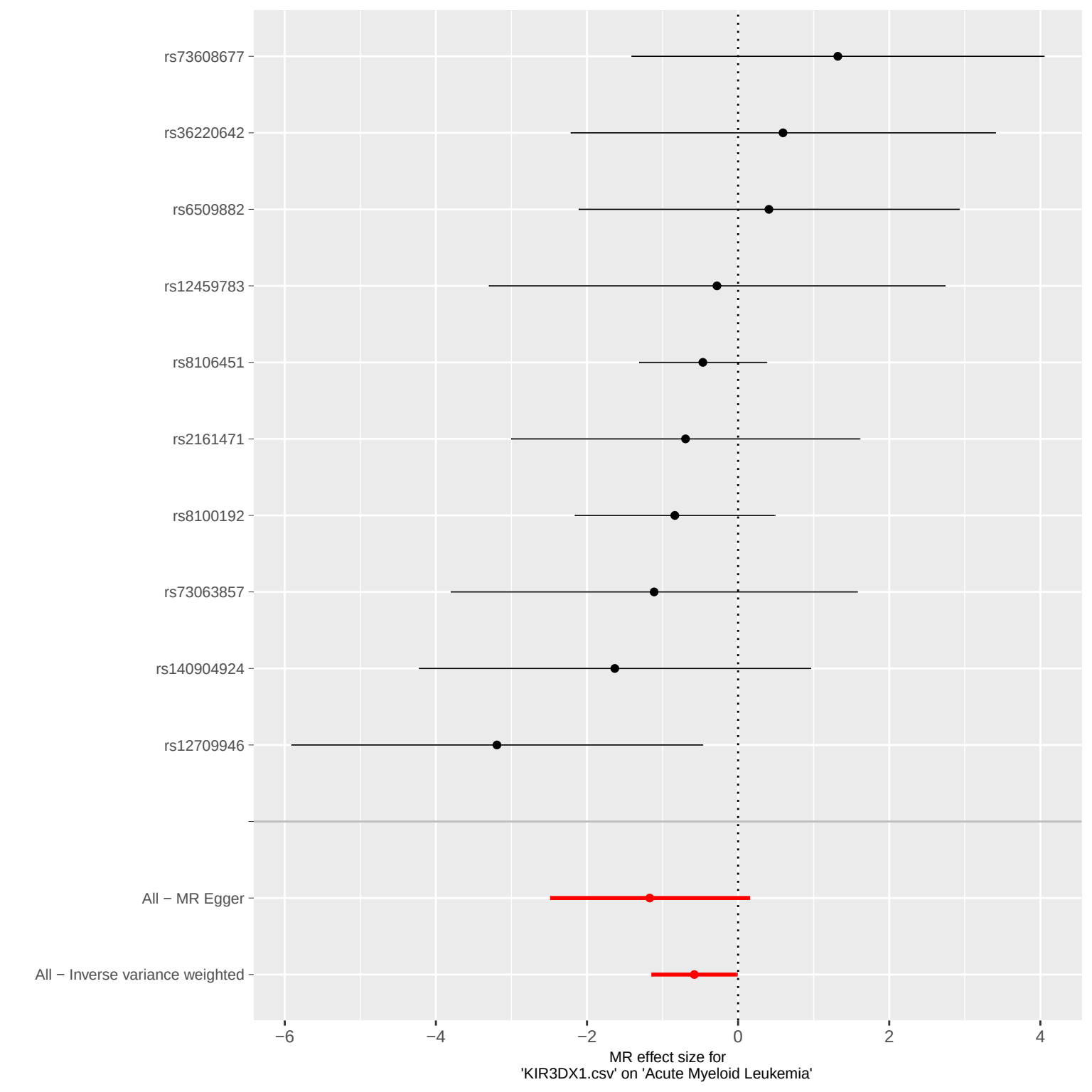
rs4416554
rs247264
rs6864450
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'KIF2A.csv' on 'Acute Myeloid Leukemia'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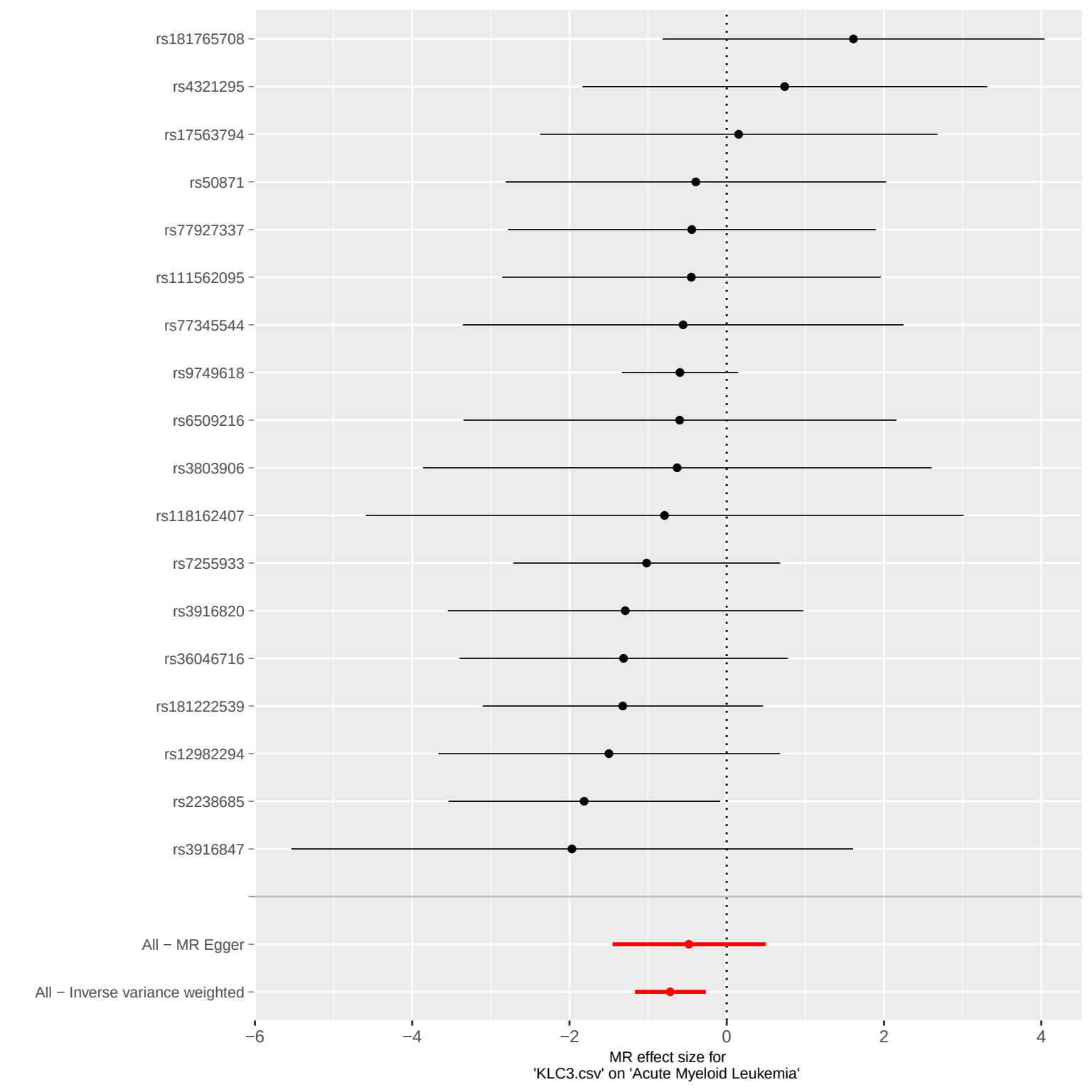
rs36220642
rs6509882
rs12459783
rs8106451
rs2161471
rs8100192
rs73063857
rs140904924
rs12709946
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'KIR3DX1.csv' on 'Acute Myeloid Leukemia'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rs77927337
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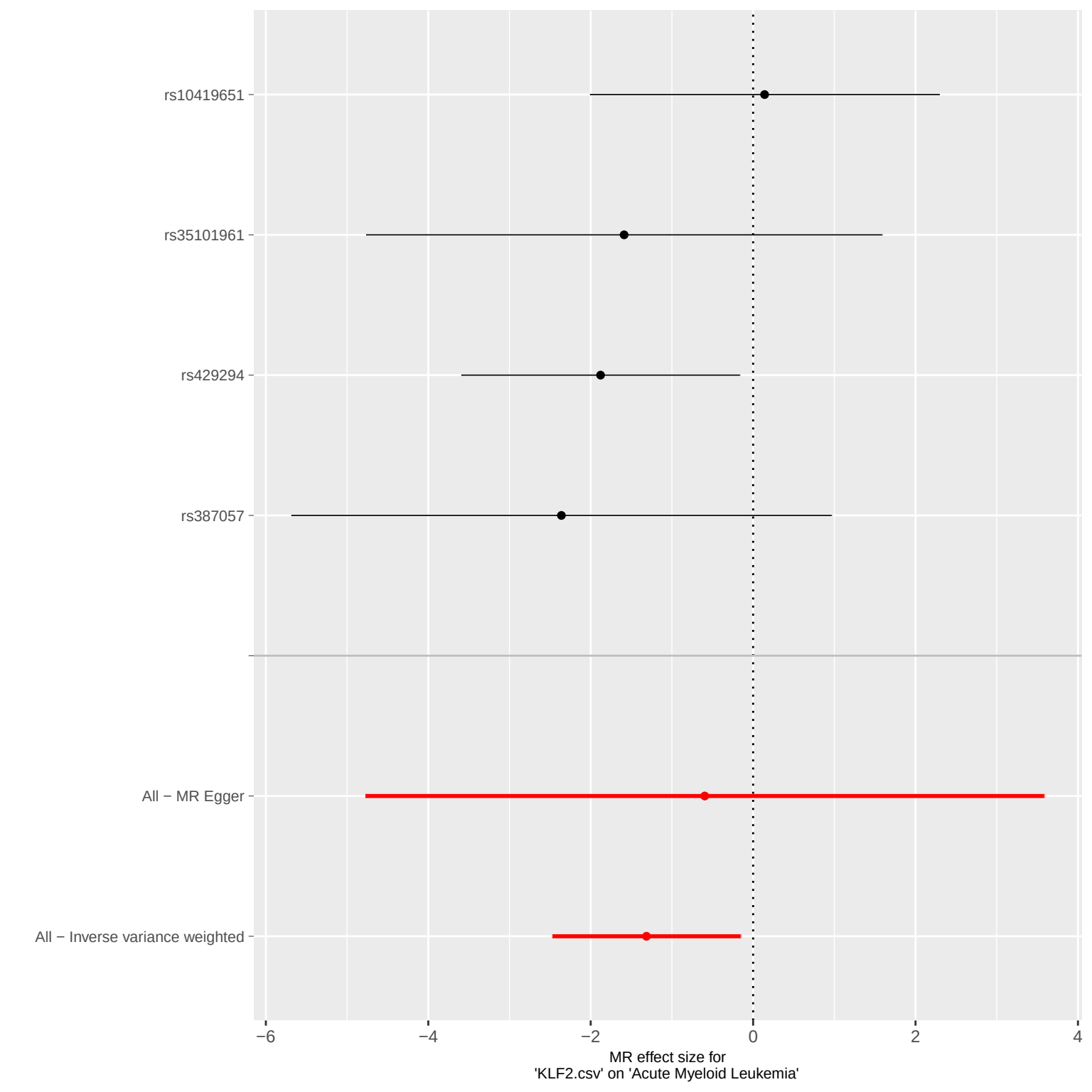
rs77345544
rs9749618
rs6509216
rs3803906
rs118162407
rs7255933
rs3916820
rs36046716
rs181222539
rs12982294
rs2238685
rs3916847
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'KLC3.csv' on 'Acute Myeloid Leukemia'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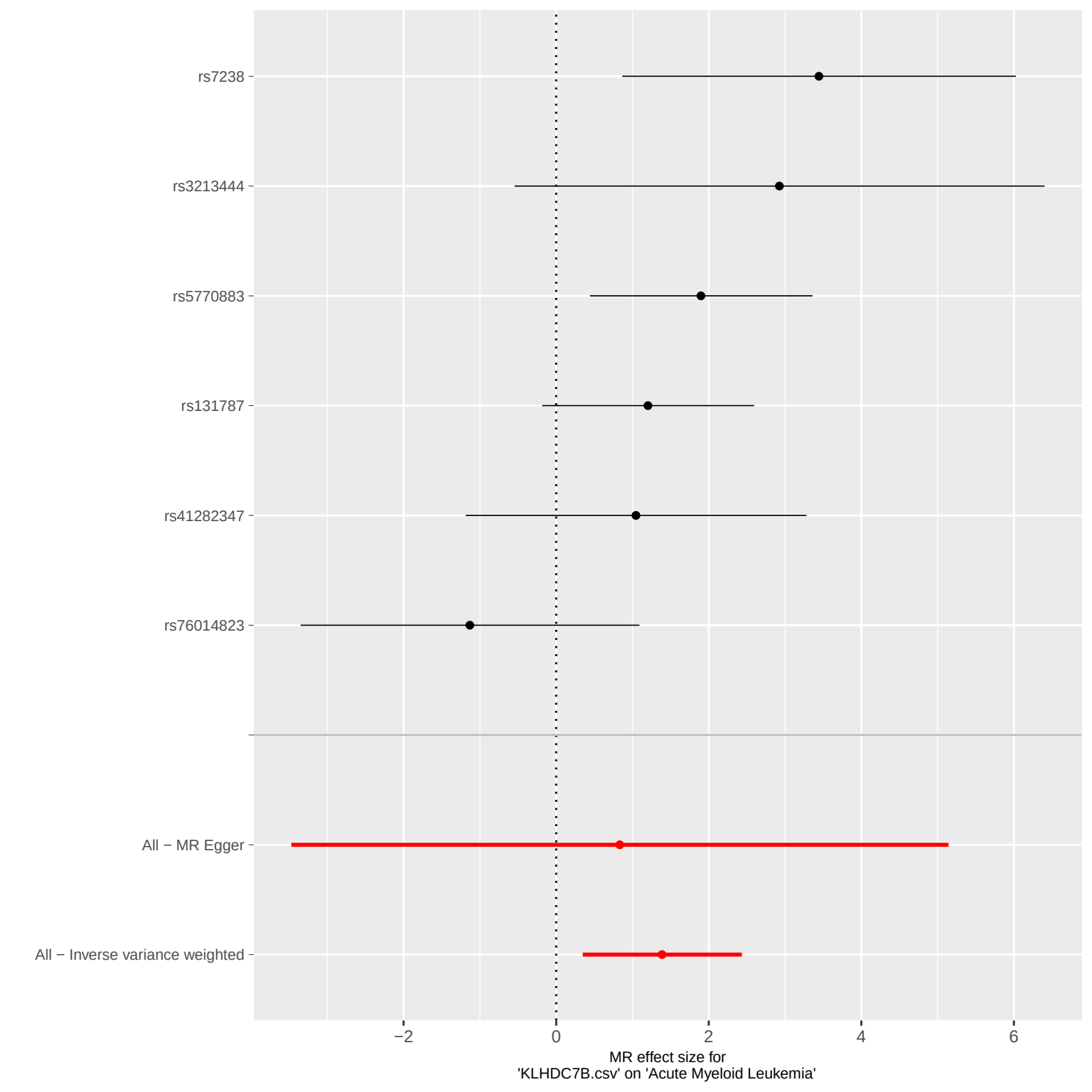
rs35101961
rs429294
rs387057
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'KLF2.csv' on 'Acute Myeloid Leukemia'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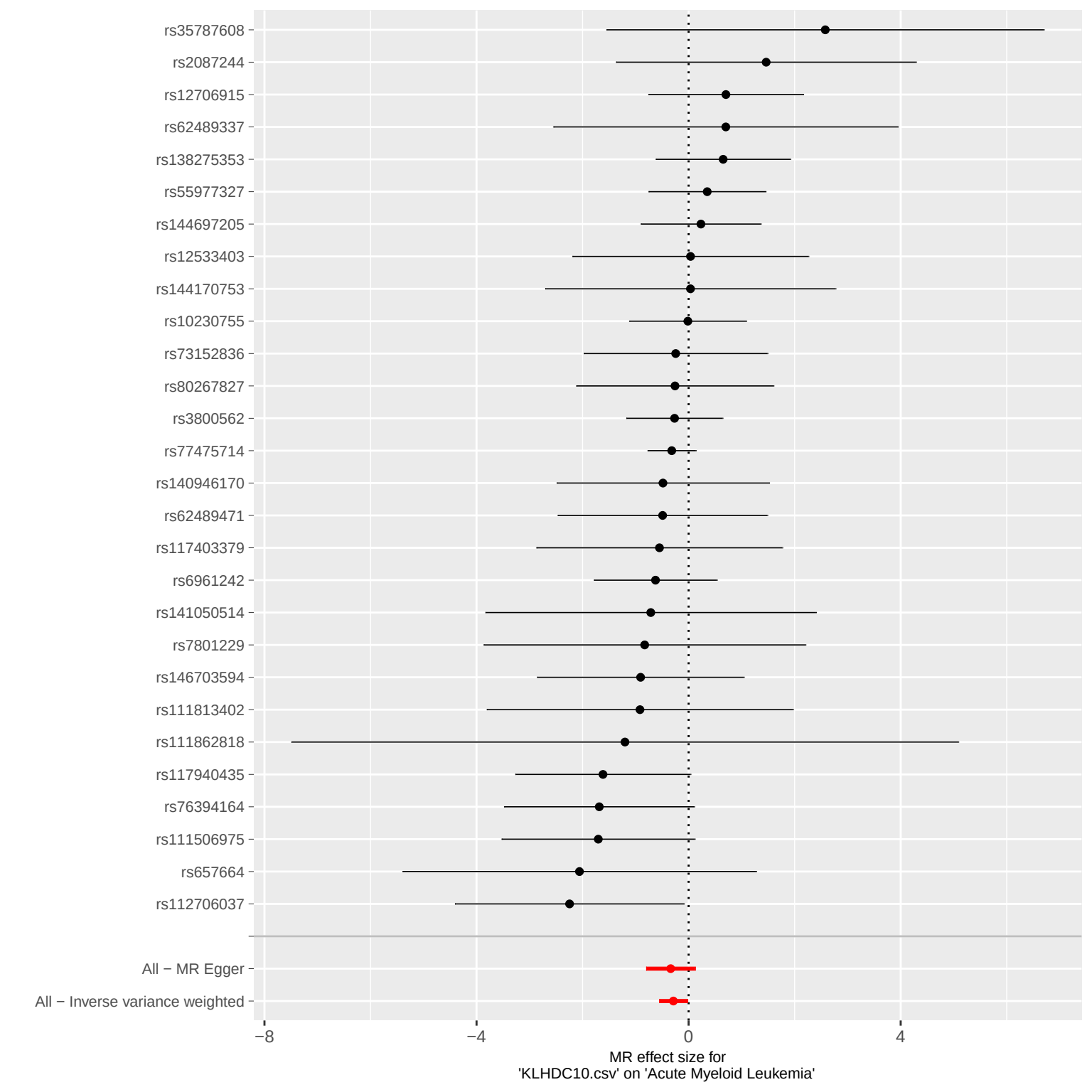
rs3213444
rs5770883
rs131787
rs41282347
rs76014823
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'KLHDC7B.csv' on 'Acute Myeloid Leukemia'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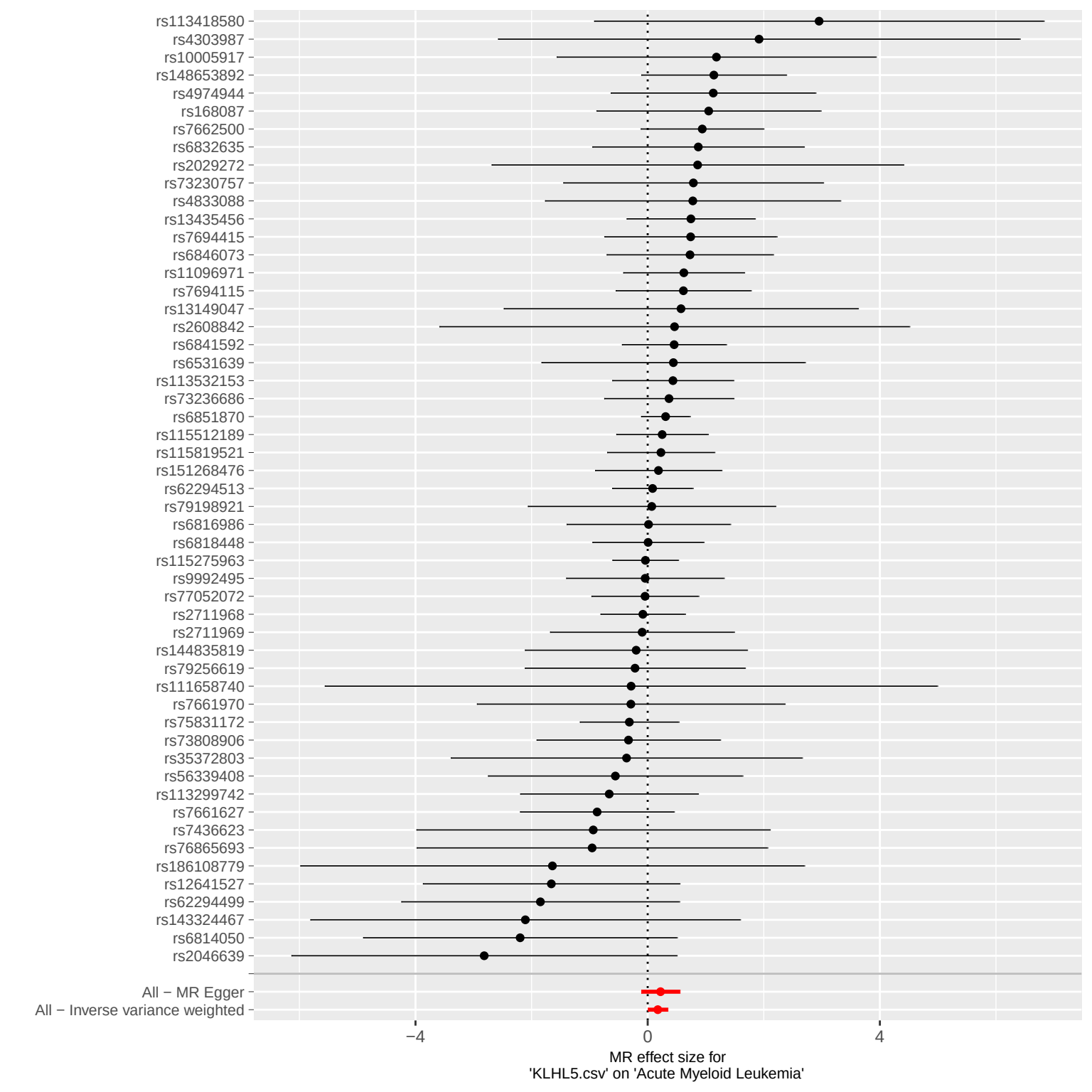
rs62489471
rs117403379
rs6961242
rs141050514
rs7801229
rs146703594
rs111813402
rs111862818
rs117940435
rs76394164
rs111506975
rs657664
rs112706037
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'KLHDC10.csv' on 'Acute Myeloid Leukemia'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rs186108779
rs12641527
rs62294499
rs143324467
rs6814050
rs2046639
All − MR Egger
All − Inverse variance weighted
−4
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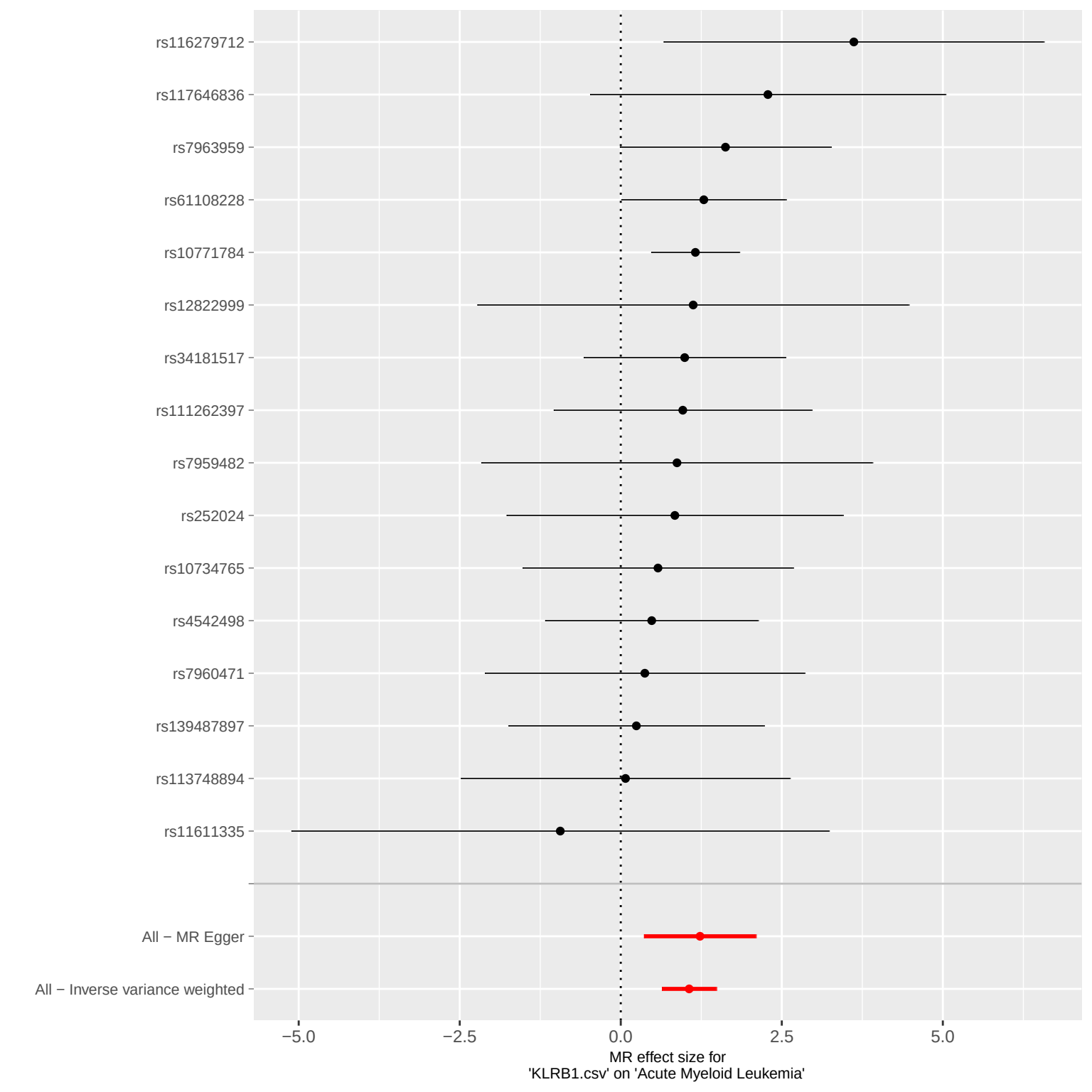
4
MR effect size for
'KLHL5.csv' on 'Acute Myeloid Leukemia'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rs111262397
rs7959482
rs252024
rs10734765
rs4542498
rs7960471
rs139487897
rs113748894
rs11611335
All − MR Egger
All − Inverse variance weighted
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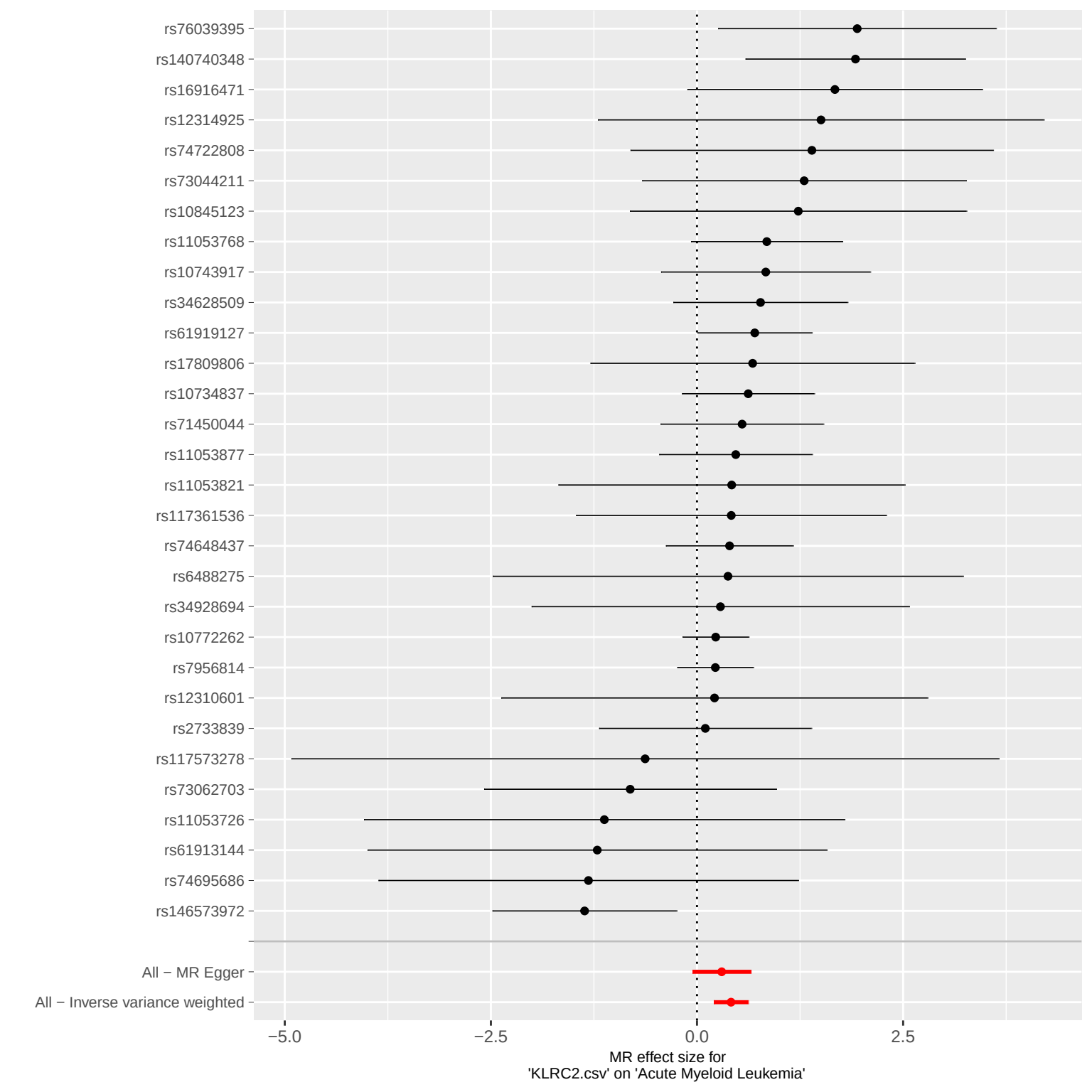
−2.5
0.0
2.5
5.0
MR effect size for
'KLRB1.csv' on 'Acute Myeloid Leukemia'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rs73062703
rs11053726
rs61913144
rs74695686
rs146573972
All − MR Egger
All − Inverse variance weighted
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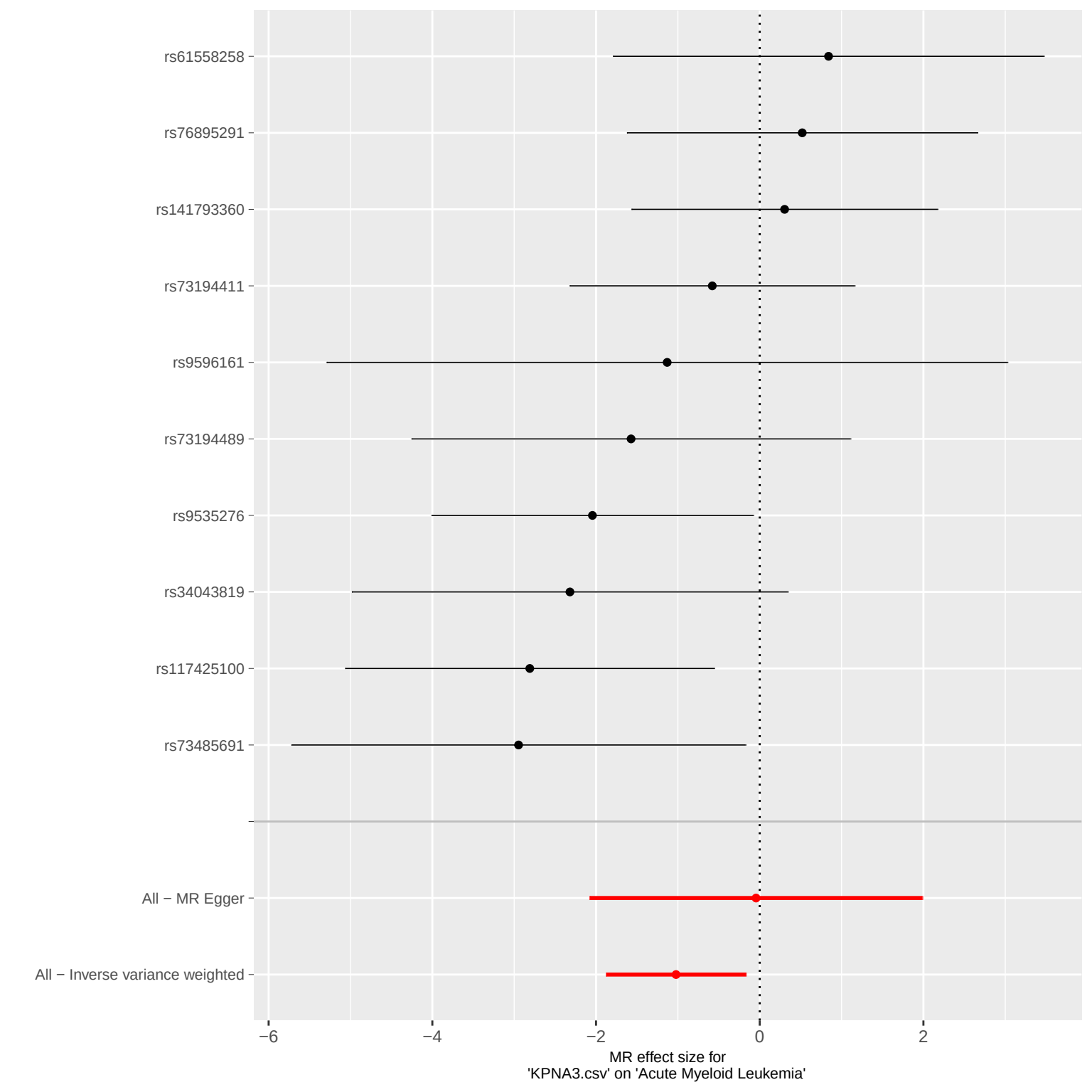
−2.5
0.0
2.5
MR effect size for
'KLRC2.csv' on 'Acute Myeloid Leukemia'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rs9535276
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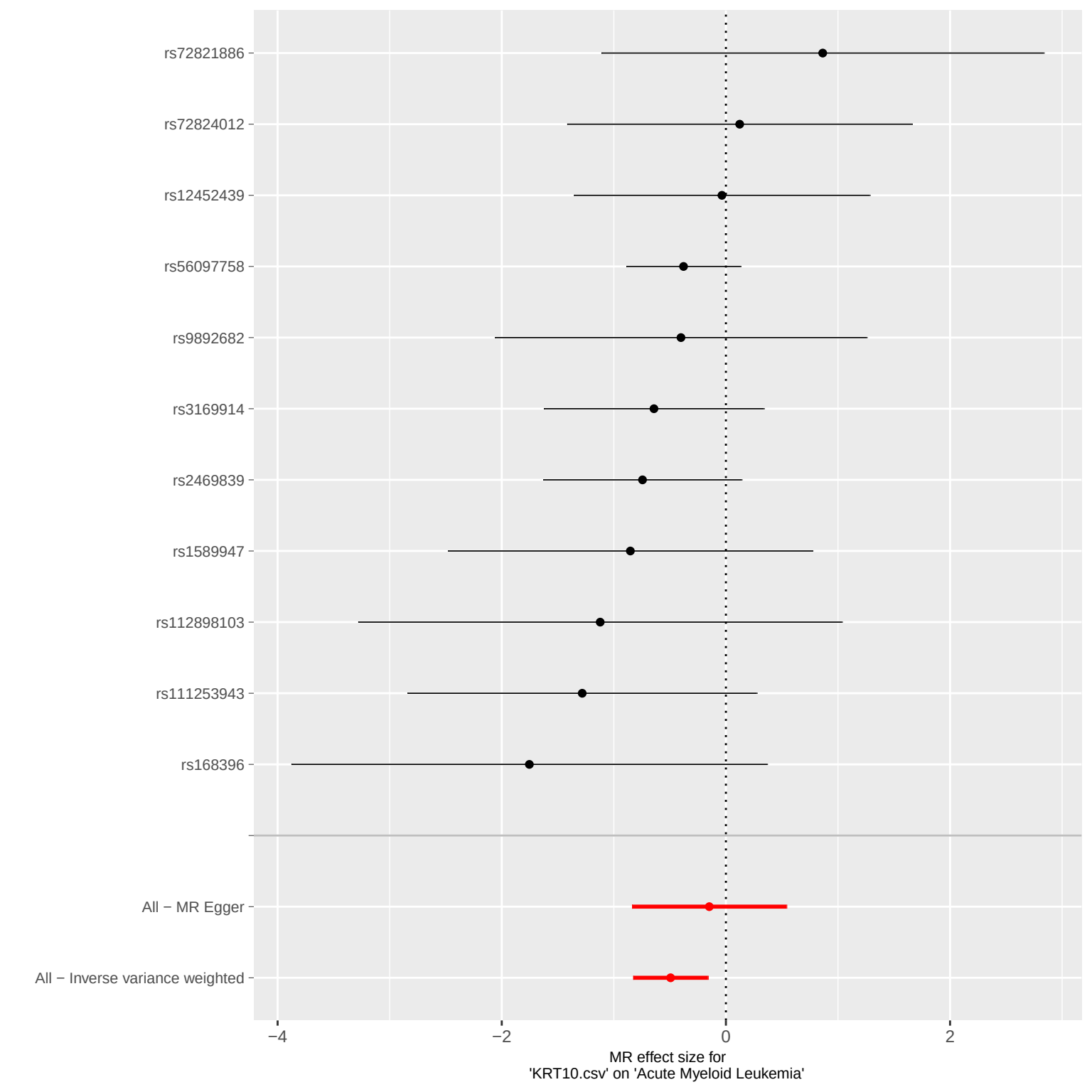
rs73485691
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'KPNA3.csv' on 'Acute Myeloid Leukemia'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rs112898103
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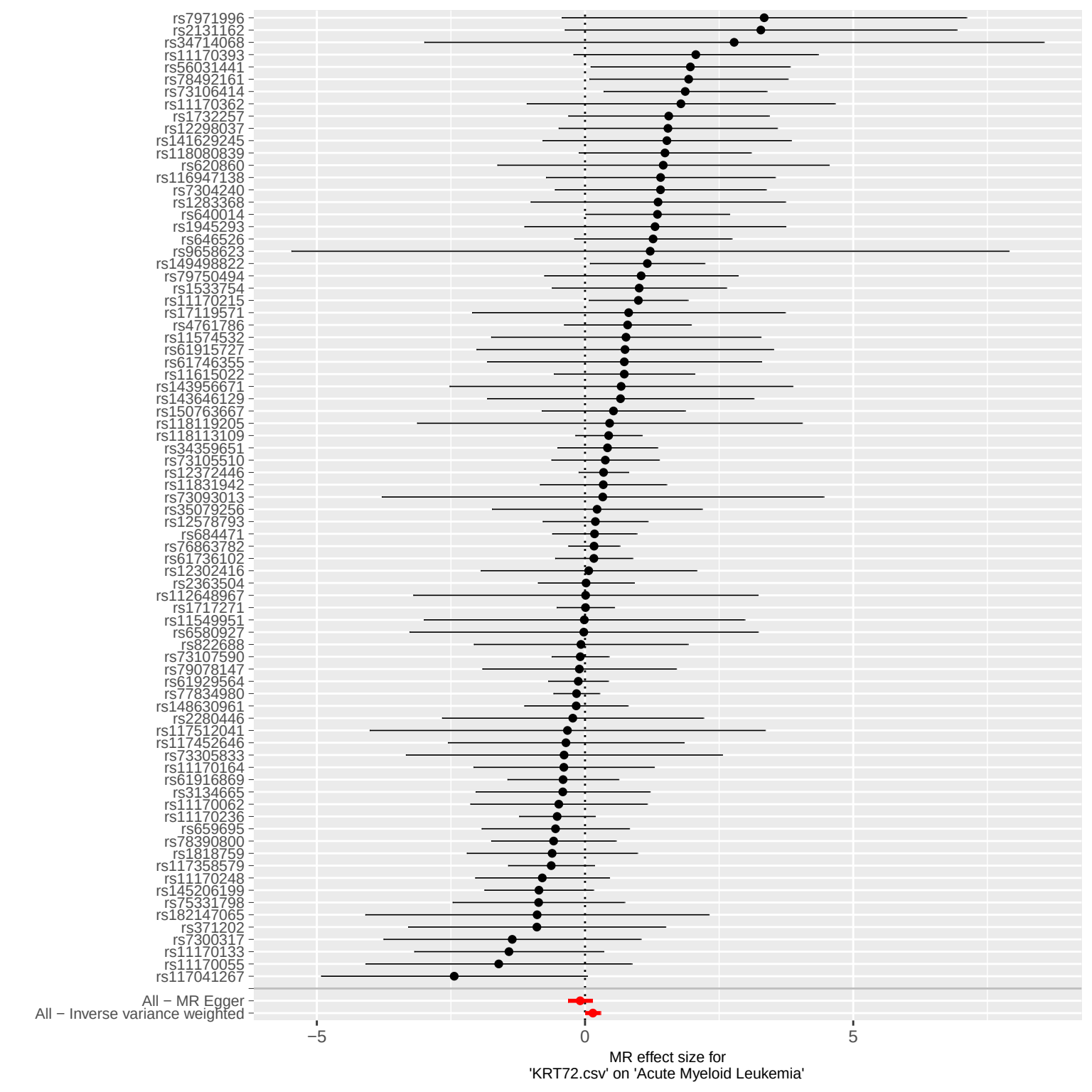
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'KRT10.csv' on 'Acute Myeloid Leukemia'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rs78390800
rs1818759
rs117358579
rs11170248
rs145206199
rs75331798
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rs371202
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All − MR Egger
All − Inverse variance weighted
−5
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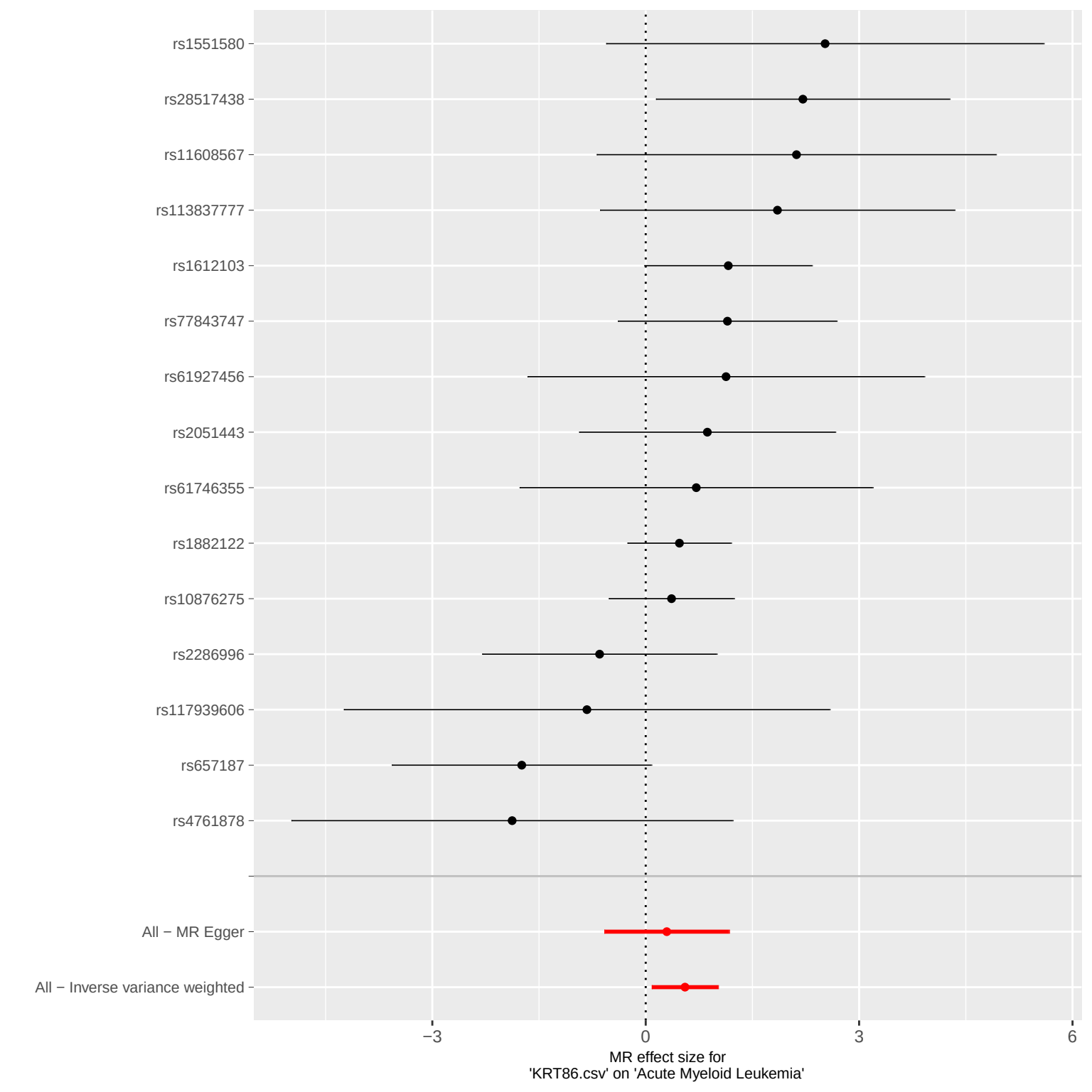
5
MR effect size for
'KRT72.csv' on 'Acute Myeloid Leukemia'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rs2286996
rs117939606
rs657187
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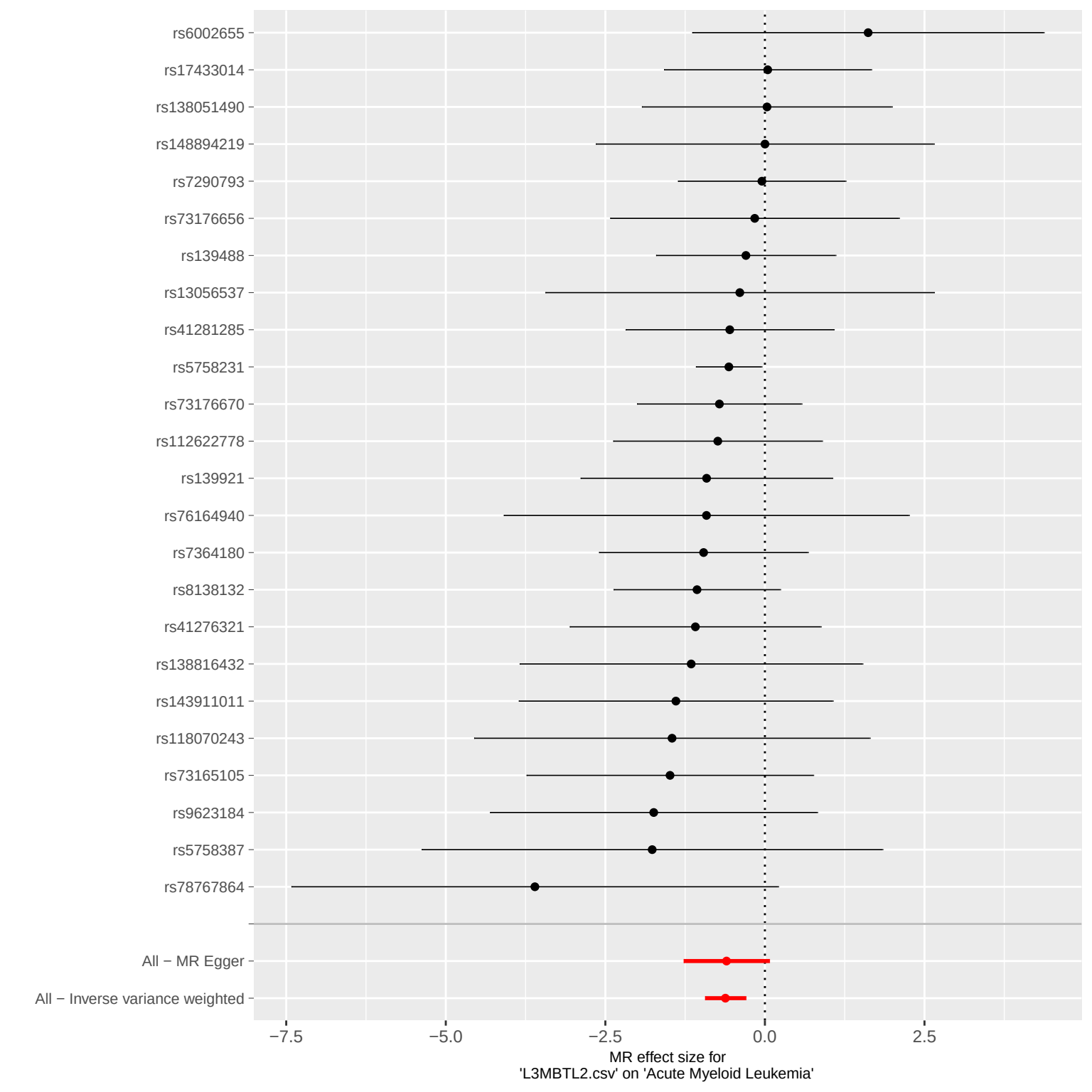
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'KRT86.csv' on 'Acute Myeloid Leukemia'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rs41276321
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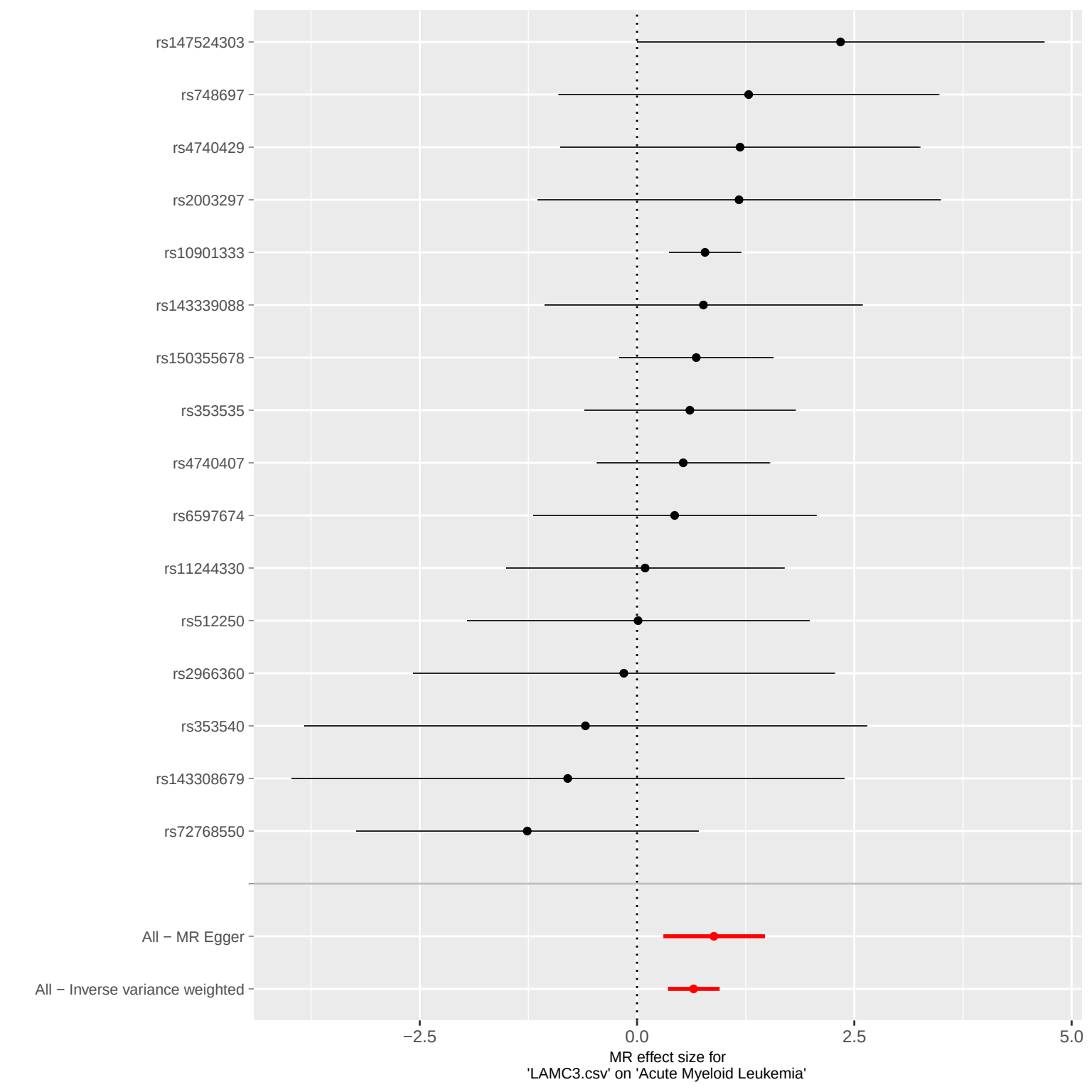
rs73165105
rs9623184
rs5758387
rs78767864
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'L3MBTL2.csv' on 'Acute Myeloid Leukemia'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rs4740407
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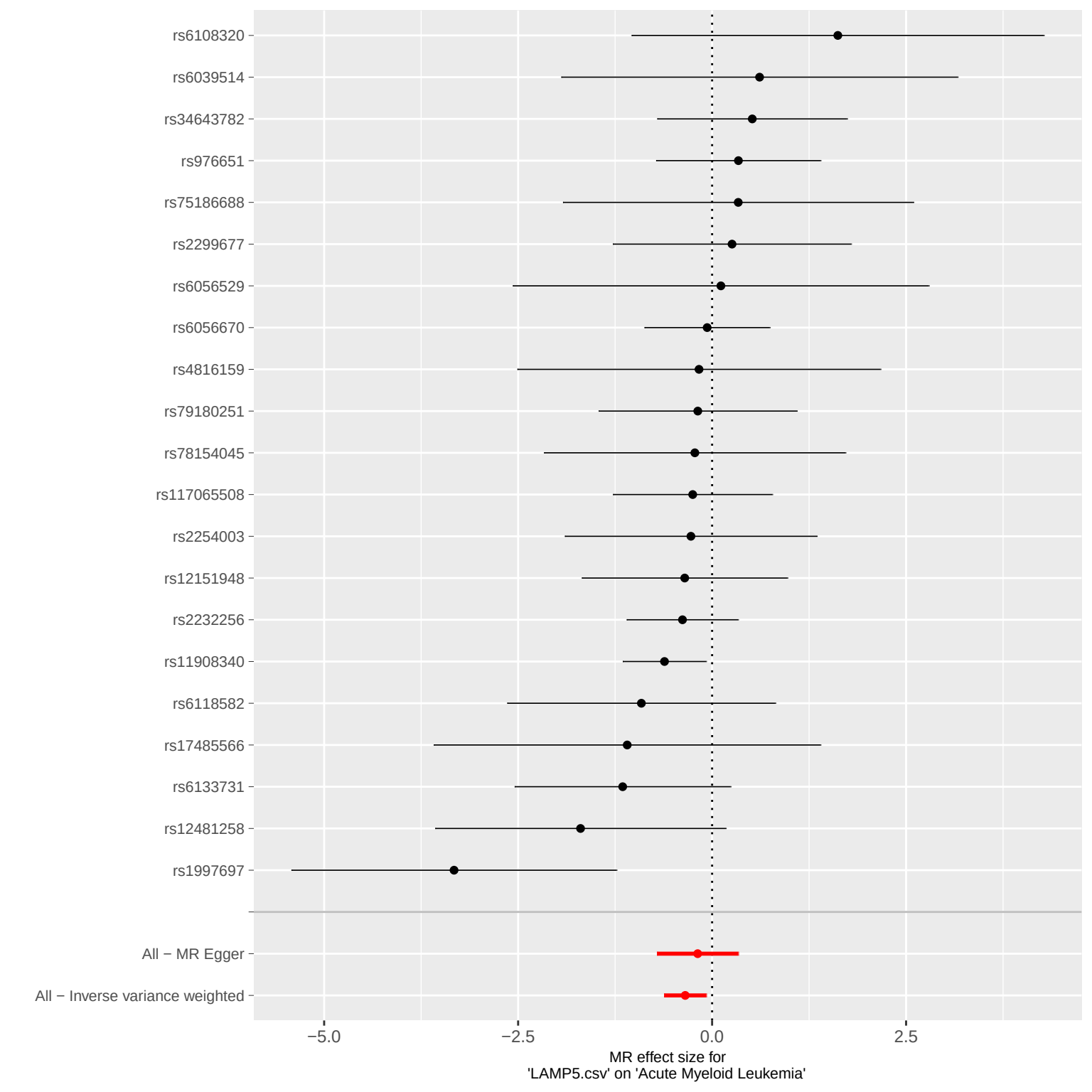
rs512250
rs2966360
rs353540
rs143308679
rs72768550
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'LAMC3.csv' on 'Acute Myeloid Leukemia'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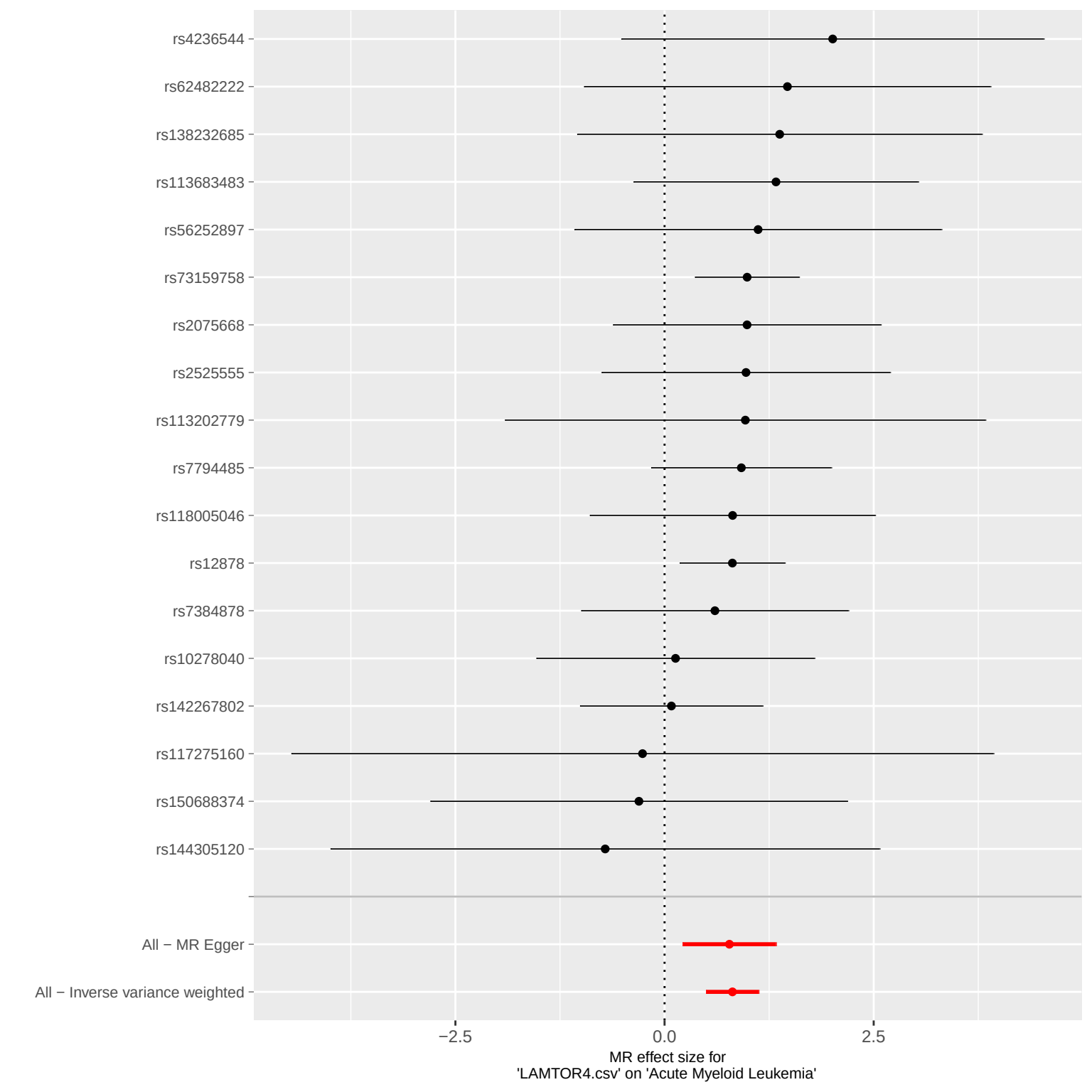
rs117065508
rs2254003
rs12151948
rs2232256
rs11908340
rs6118582
rs17485566
rs6133731
rs12481258
rs1997697
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'LAMP5.csv' on 'Acute Myeloid Leukemia'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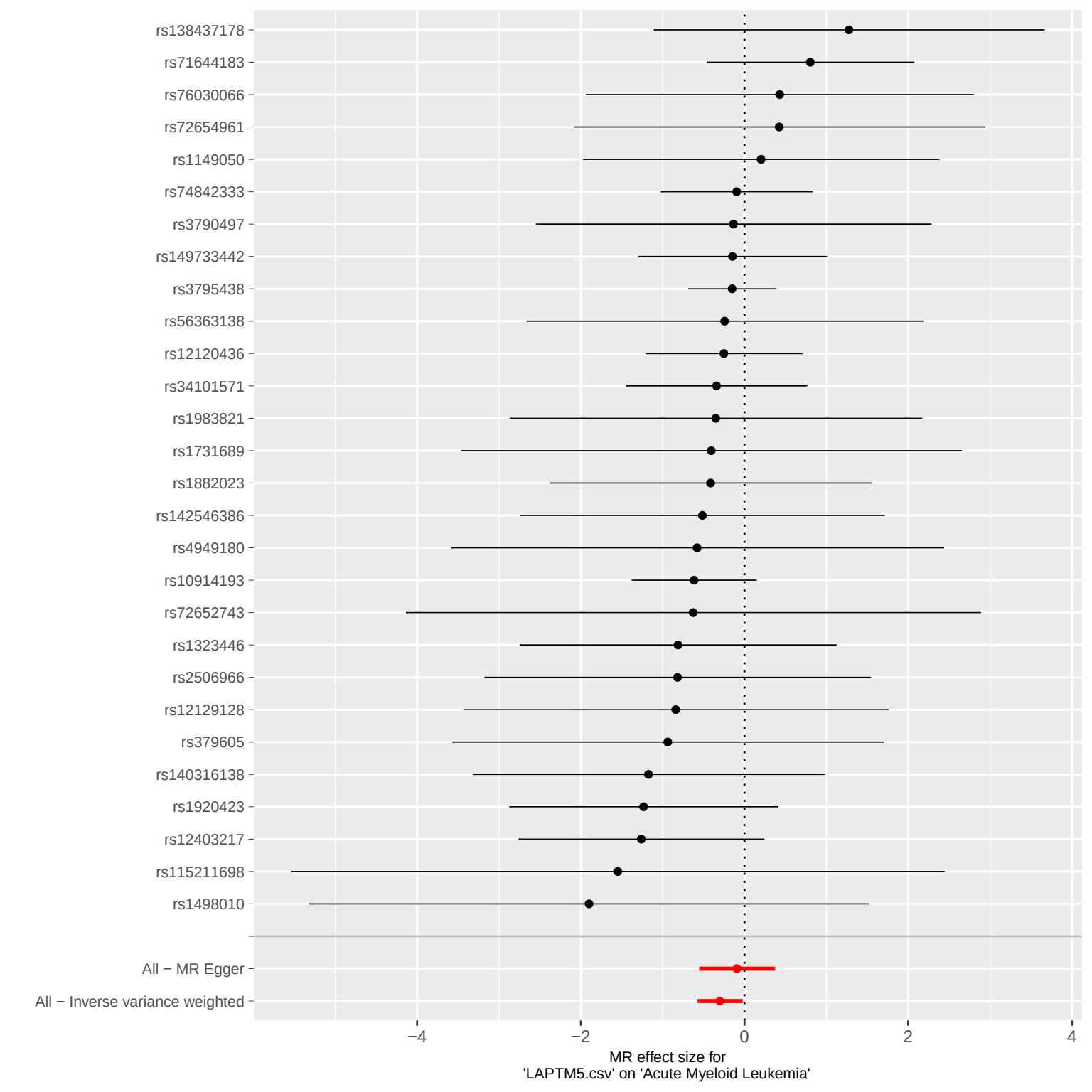
rs12878
rs7384878
rs10278040
rs142267802
rs117275160
rs150688374
rs144305120
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'LAMTOR4.csv' on 'Acute Myeloid Leukemia'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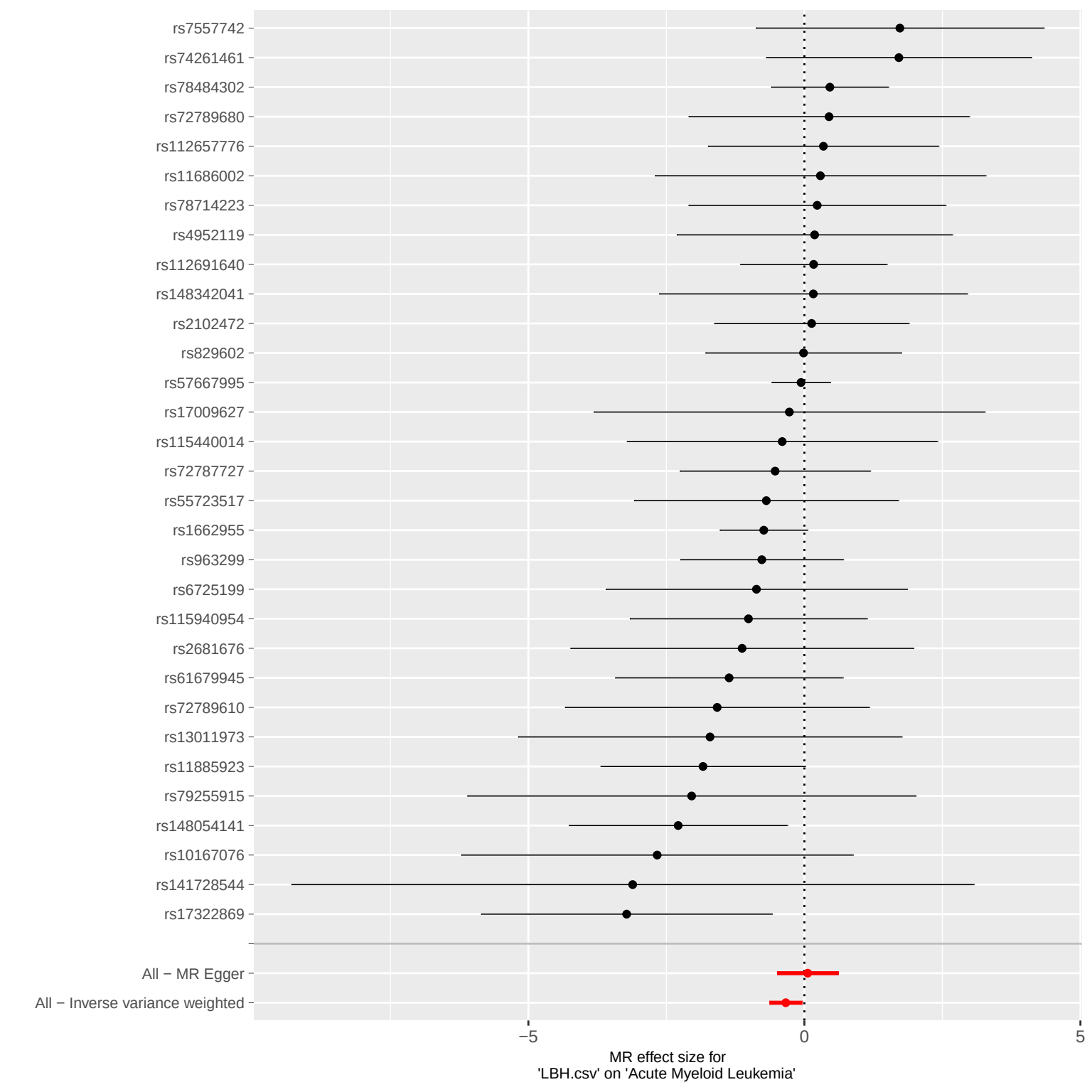
rs72652743
rs1323446
rs2506966
rs12129128
rs379605
rs140316138
rs1920423
rs12403217
rs115211698
rs1498010
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'LAPTM5.csv' on 'Acute Myeloid Leukemia'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rs829602
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rs148054141
rs10167076
rs141728544
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All − MR Egger
All − Inverse variance weighted
−5
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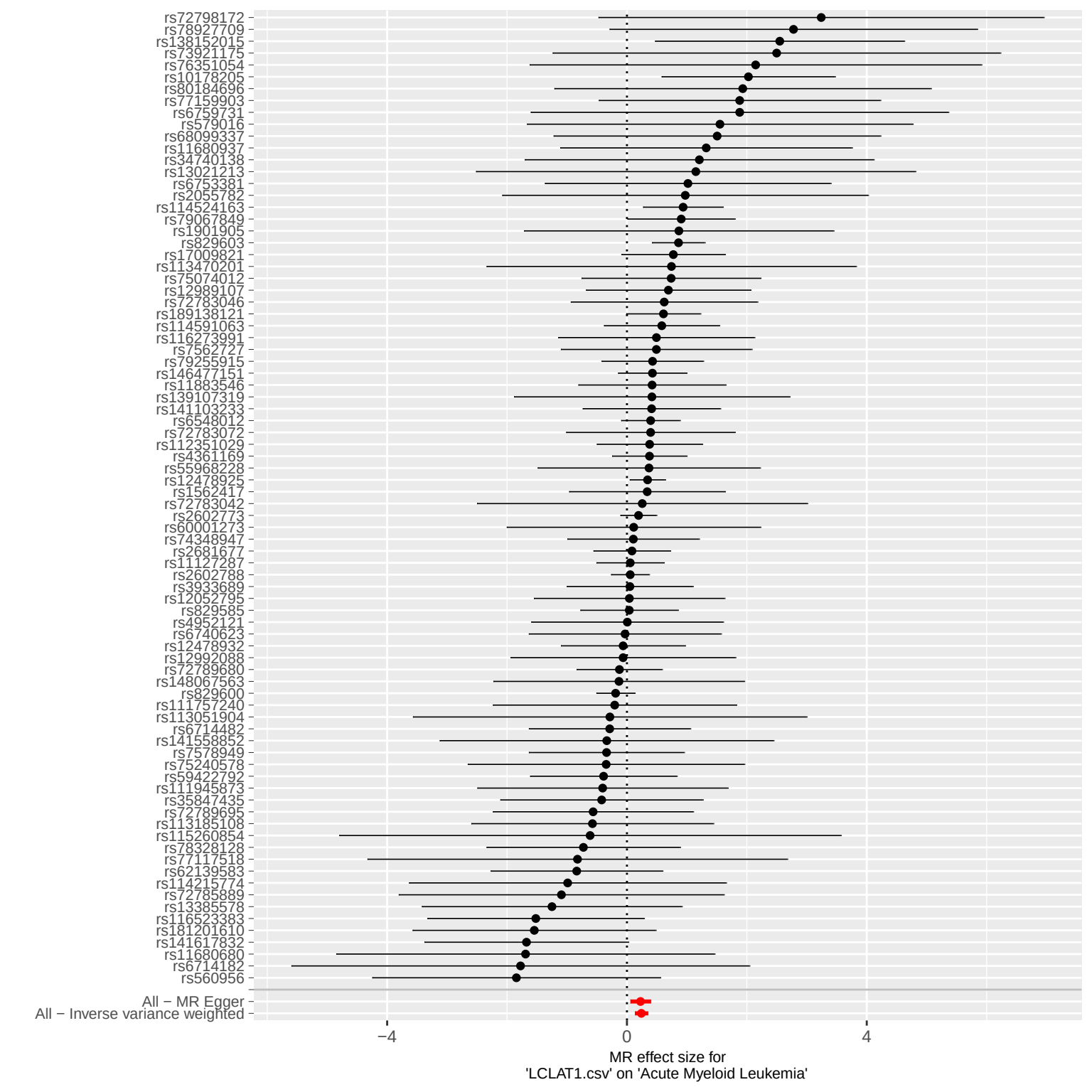
MR effect size for
'LBH.csv' on 'Acute Myeloid Leukemia'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rs77117518
rs62139583
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rs72785889
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rs116523383
rs181201610
rs141617832
rs11680680
rs6714182
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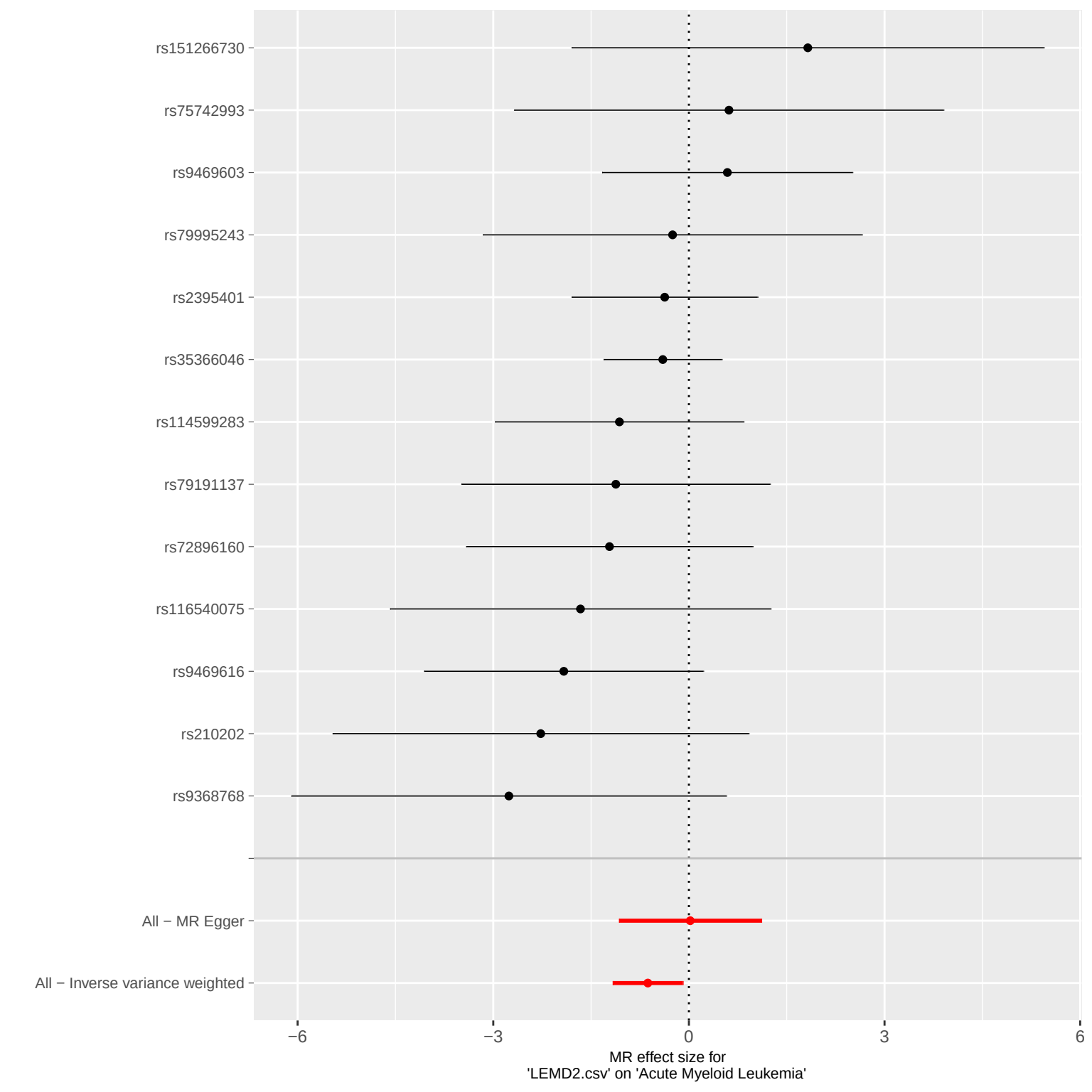
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'LCLAT1.csv' on 'Acute Myeloid Leukemia'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rs79995243
rs2395401
rs35366046
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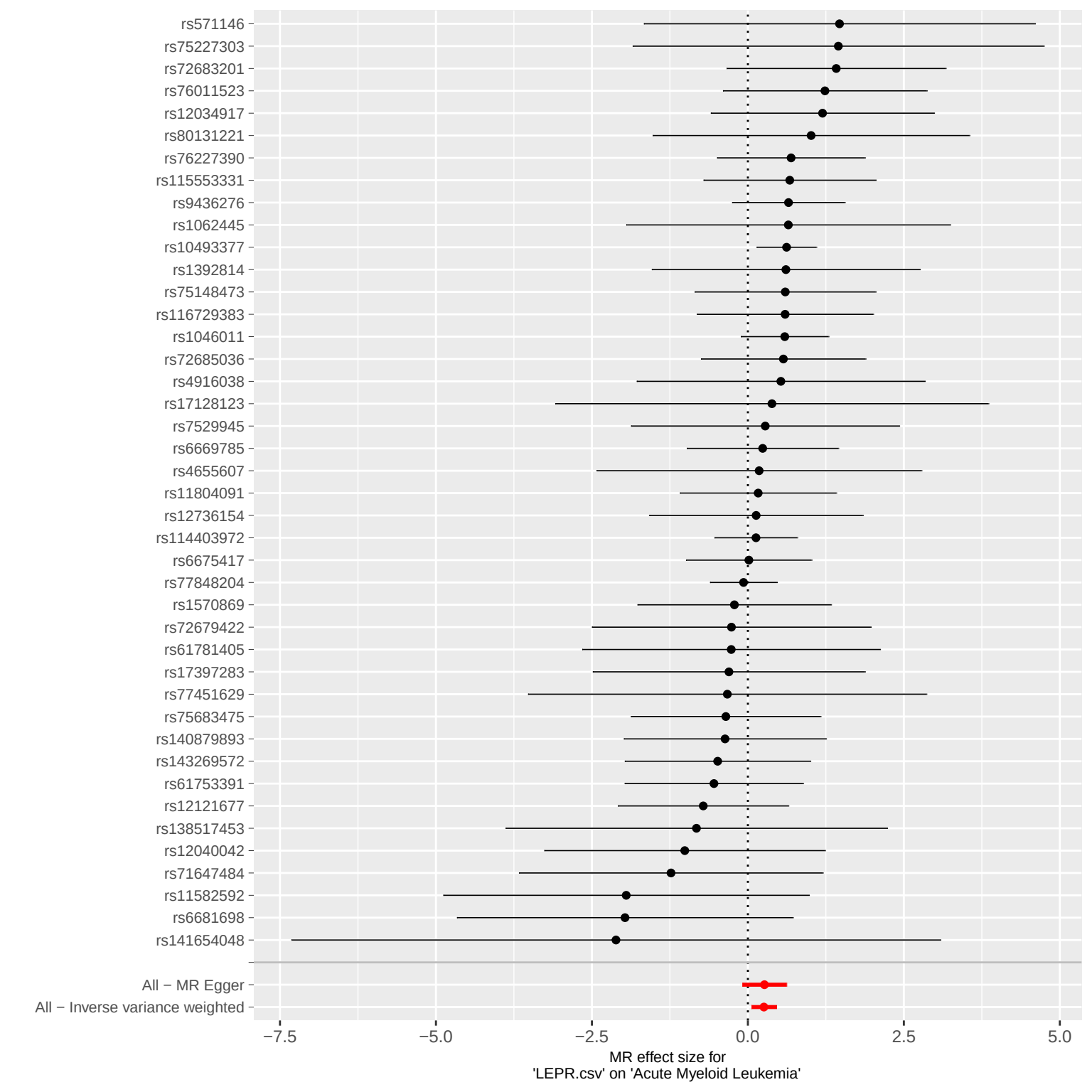
rs116540075
rs9469616
rs210202
rs9368768
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'LEMD2.csv' on 'Acute Myeloid Leukemia'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rs75148473
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rs72685036
rs4916038
rs17128123
rs7529945
rs6669785
rs4655607
rs11804091
rs12736154
rs114403972
rs6675417
rs77848204
rs1570869
rs72679422
rs61781405
rs17397283
rs77451629
rs75683475
rs140879893
rs143269572
rs61753391
rs12121677
rs138517453
rs12040042
rs71647484
rs11582592
rs6681698
rs141654048
All − MR Egger
All − Inverse variance weighted
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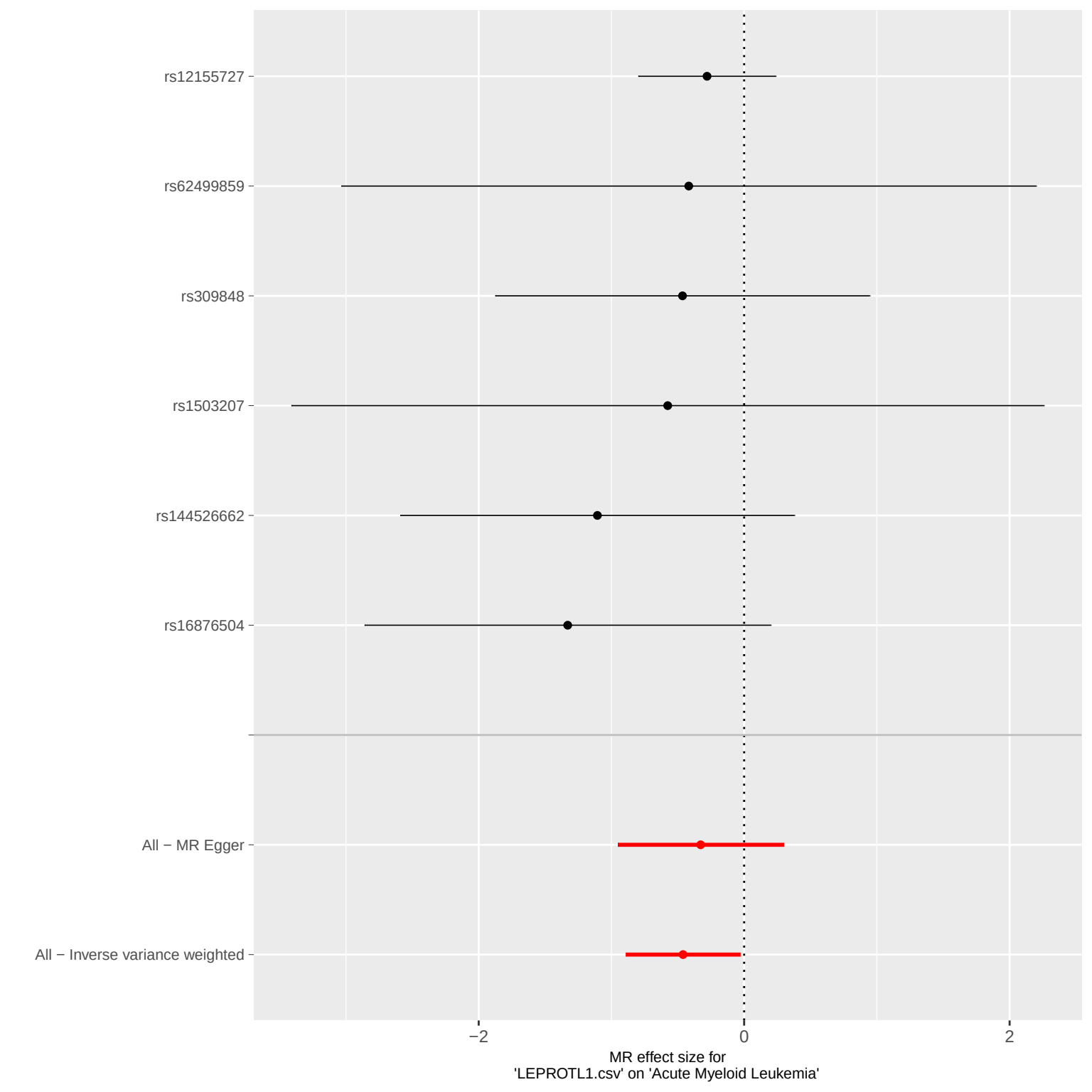
−2.5
0.0
2.5
5.0
MR effect size for
'LEPR.csv' on 'Acute Myeloid Leukemia'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rs62499859
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rs144526662
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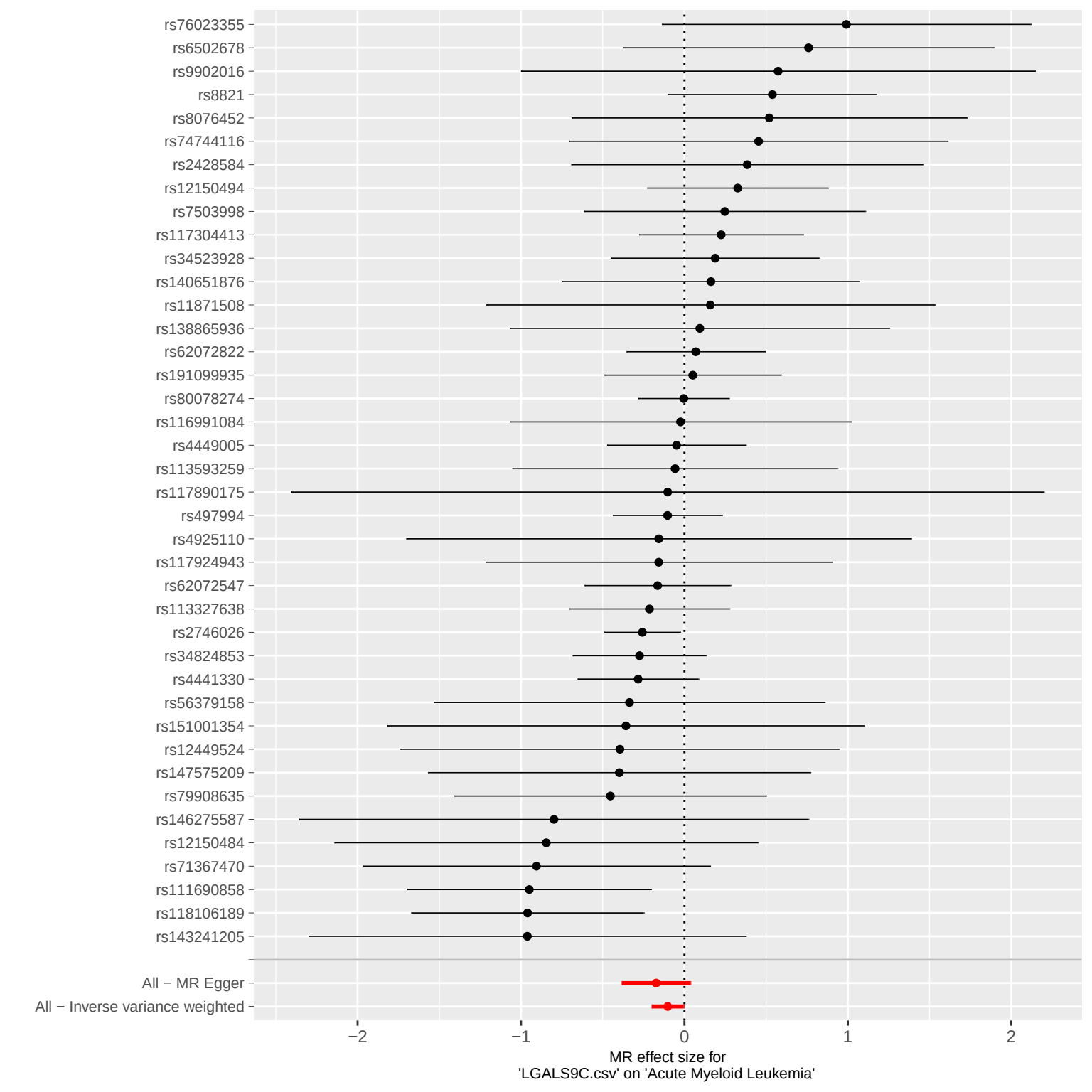
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'LEPROTL1.csv' on 'Acute Myeloid Leukemia'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rs62072822
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rs4449005
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rs497994
rs4925110
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rs113327638
rs2746026
rs34824853
rs4441330
rs56379158
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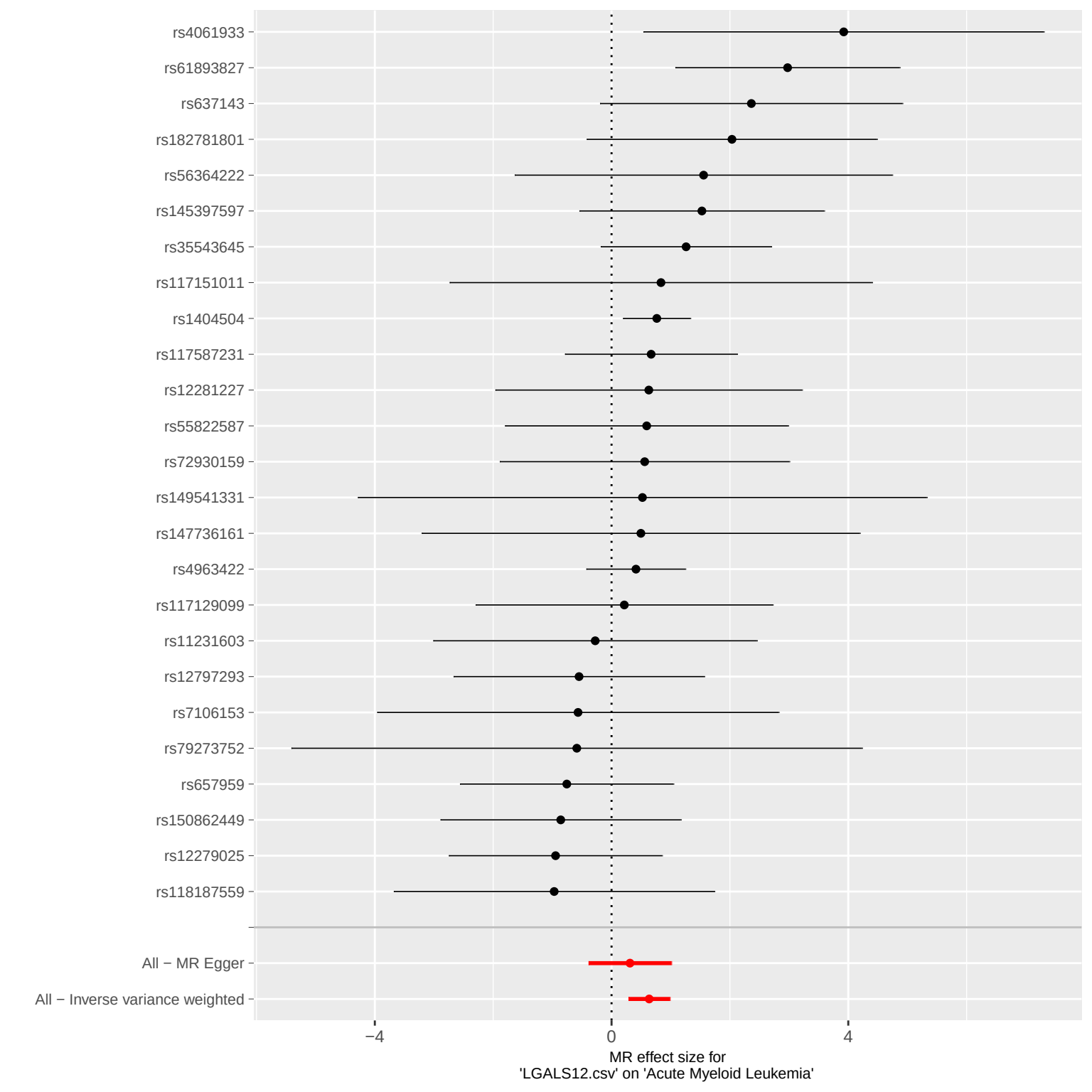
rs12449524
rs147575209
rs79908635
rs146275587
rs12150484
rs71367470
rs111690858
rs118106189
rs143241205
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'LGALS9C.csv' on 'Acute Myeloid Leukemia'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rs56364222
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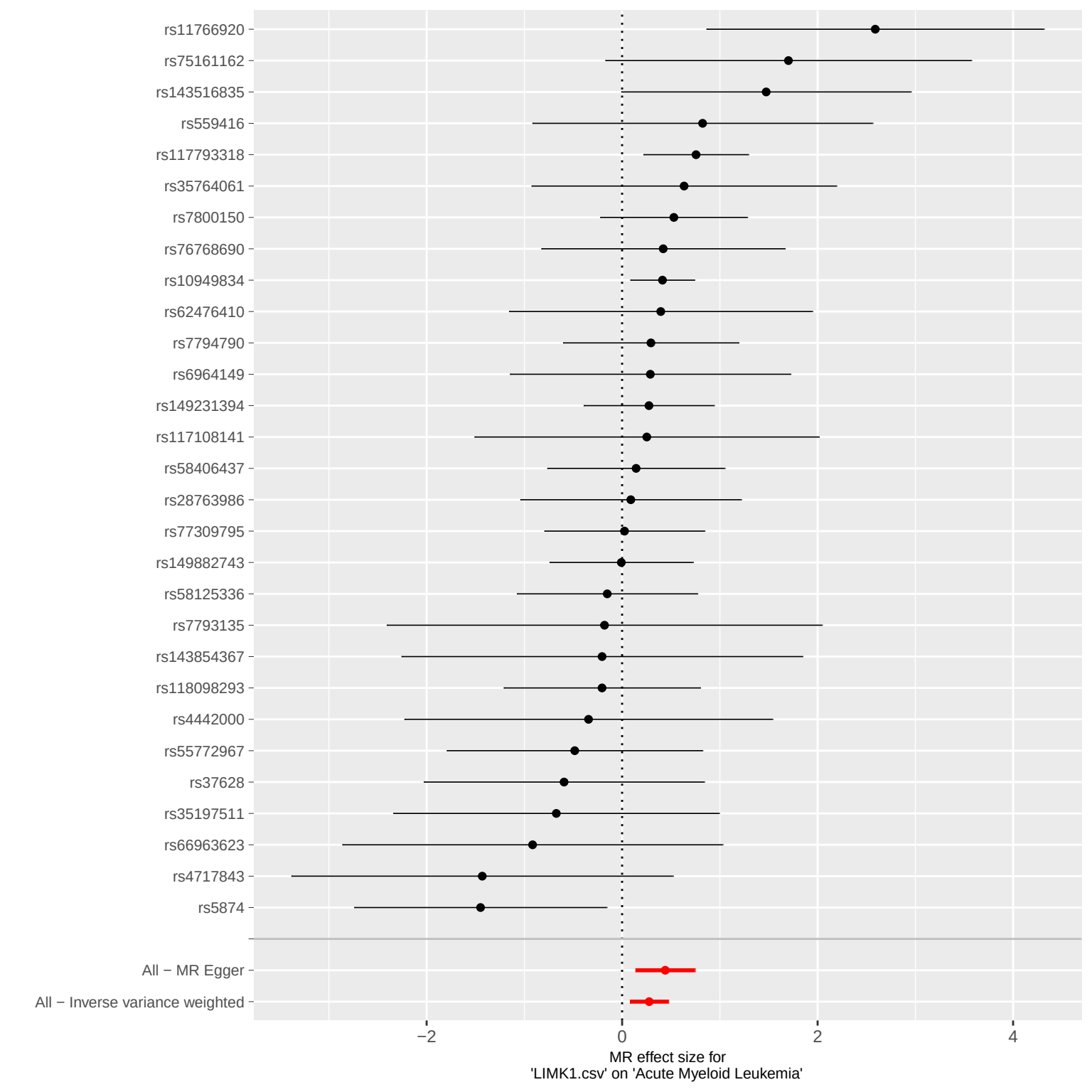
rs12281227
rs55822587
rs72930159
rs149541331
rs147736161
rs4963422
rs117129099
rs11231603
rs12797293
rs7106153
rs79273752
rs657959
rs150862449
rs12279025
rs118187559
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'LGALS12.csv' on 'Acute Myeloid Leukemia'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rs118098293
rs4442000
rs55772967
rs37628
rs35197511
rs66963623
rs4717843
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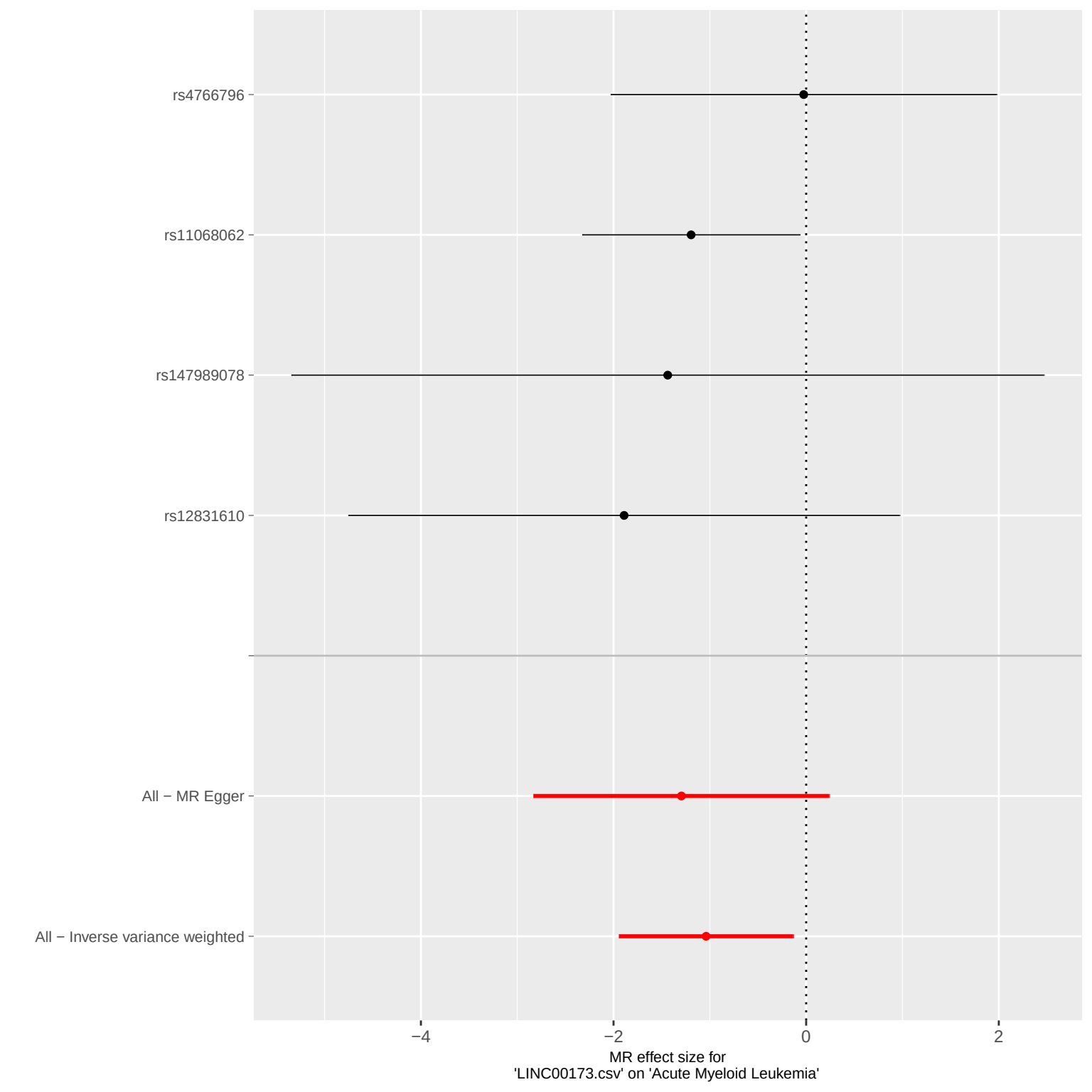
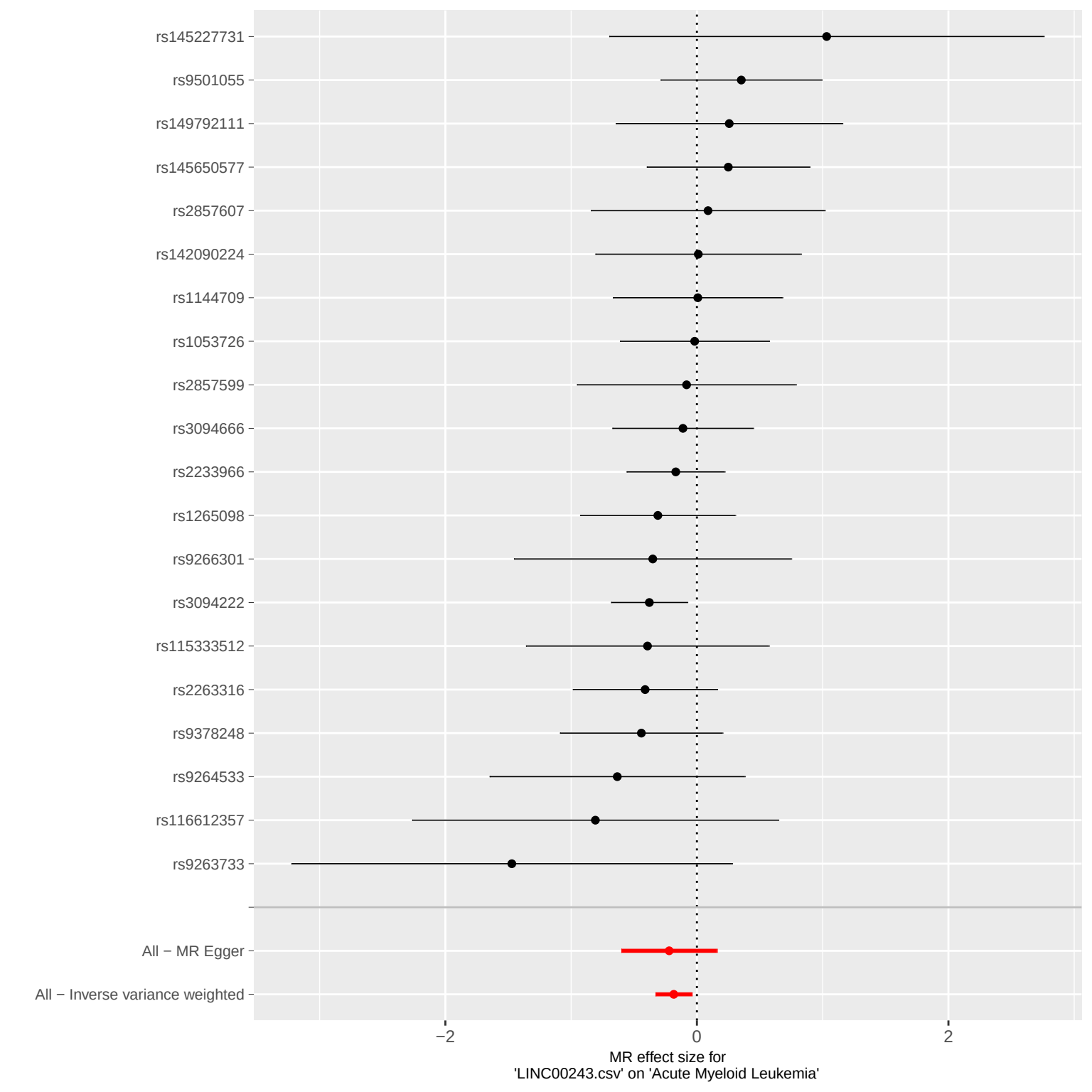
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'LIMK1.csv' on 'Acute Myeloid Leukemia'


rs4766796
rs11068062
rs147989078
rs12831610
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'LINC00173.csv' on 'Acute Myeloid Leukemia'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rs9266301
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rs115333512
rs2263316
rs9378248
rs9264533
rs116612357
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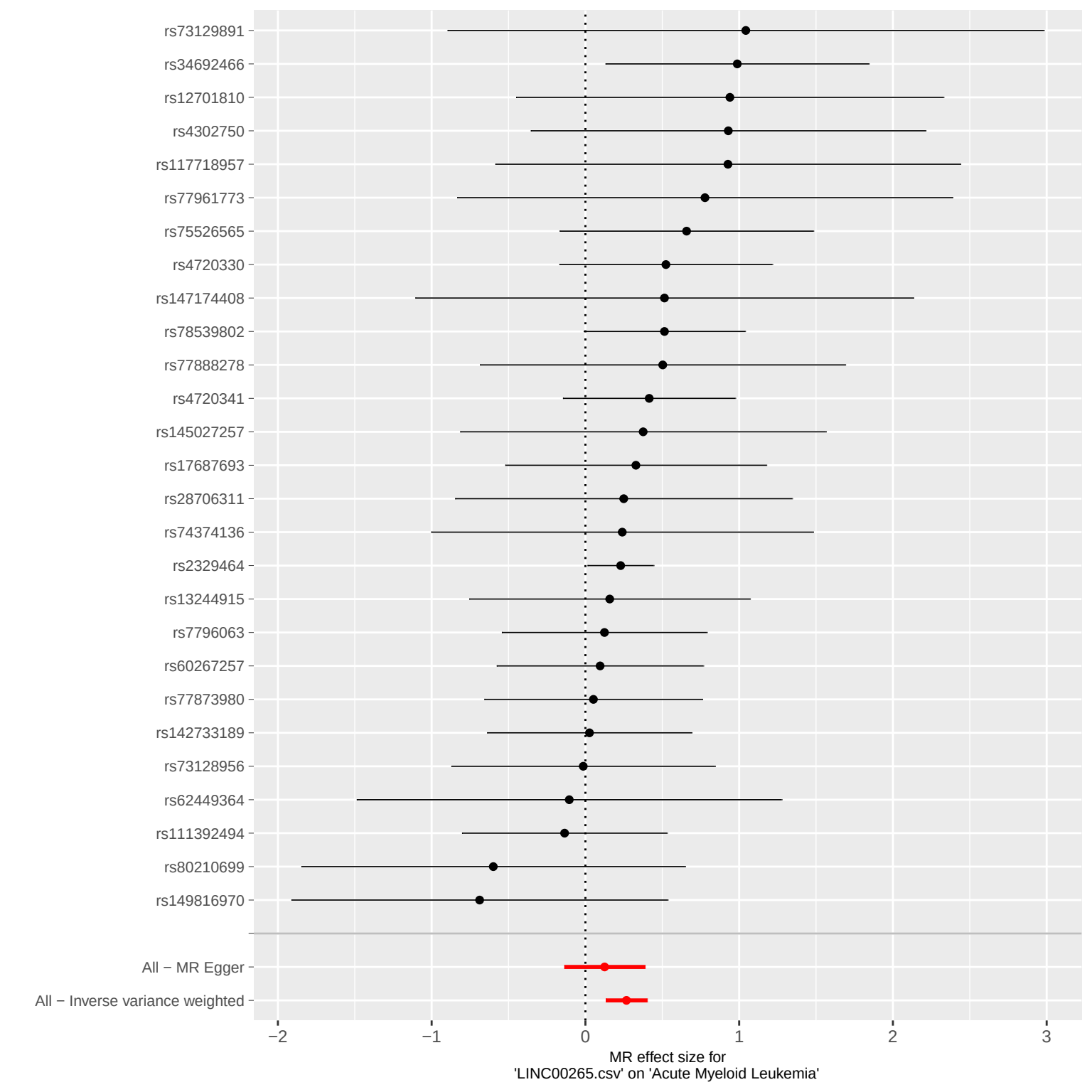
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'LINC00243.csv' on 'Acute Myeloid Leukemia'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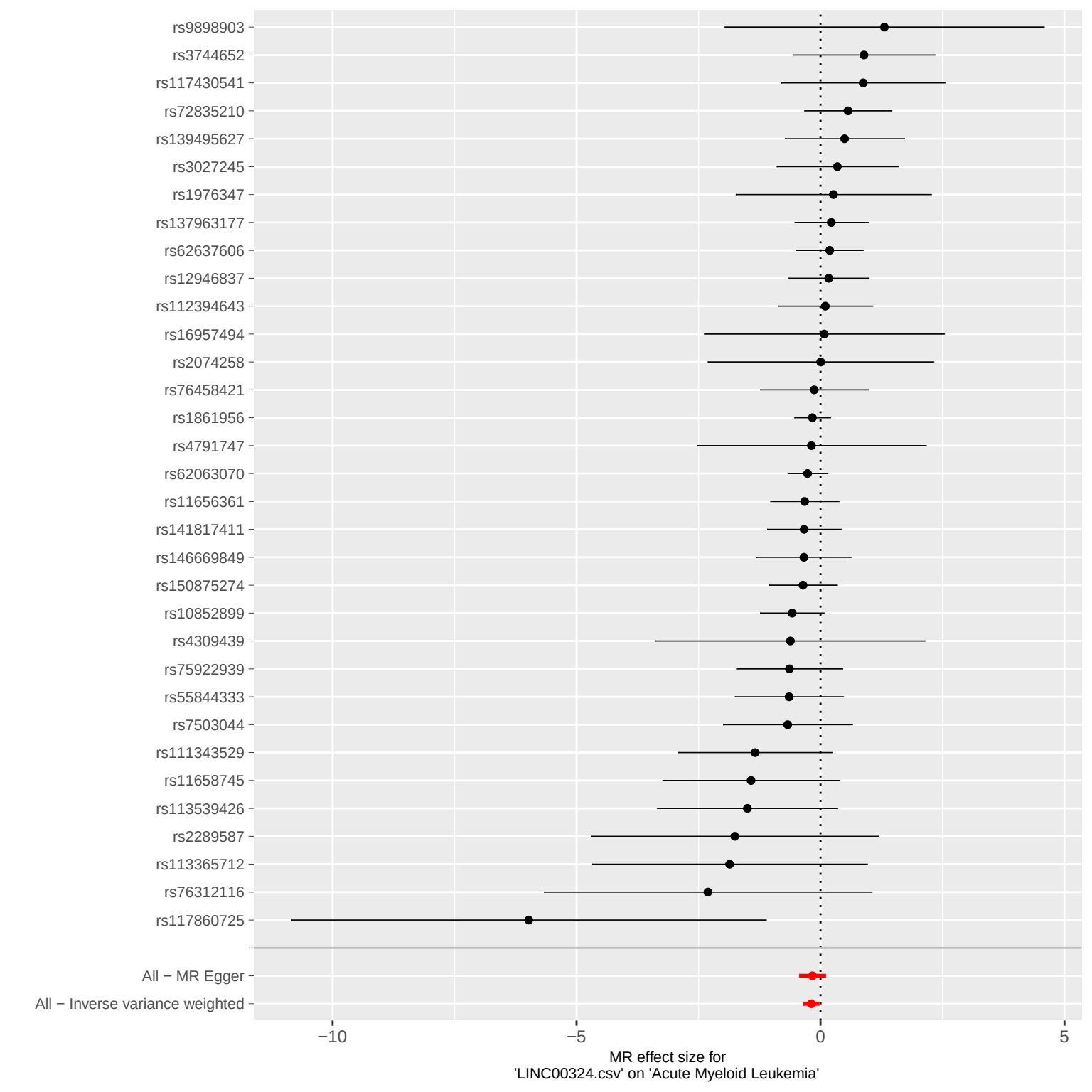
rs13244915
rs7796063
rs60267257
rs77873980
rs142733189
rs73128956
rs62449364
rs111392494
rs80210699
rs149816970
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'LINC00265.csv' on 'Acute Myeloid Leukemia'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rs113539426
rs2289587
rs113365712
rs76312116
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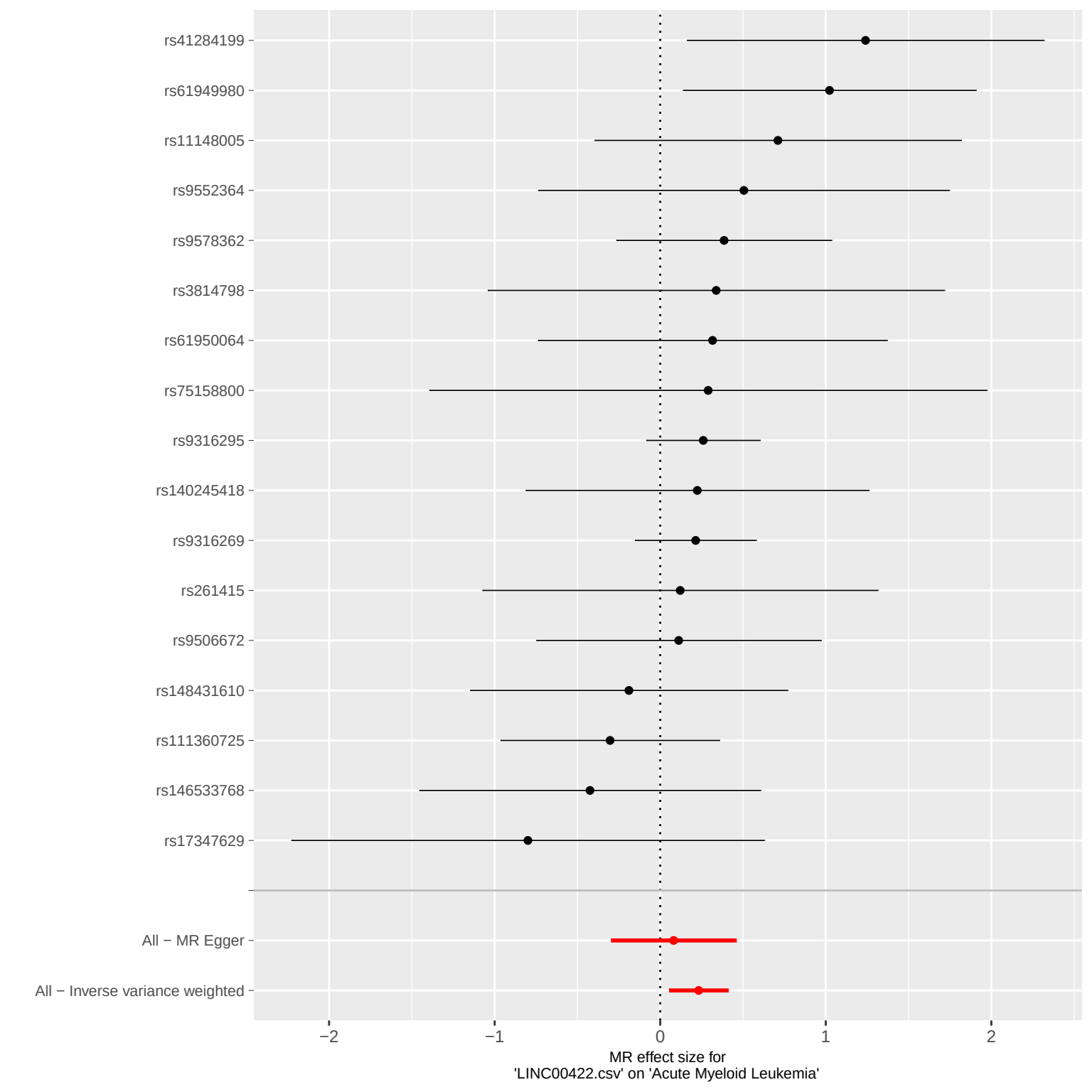
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'LINC00324.csv' on 'Acute Myeloid Leukemia'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rs75158800
rs9316295
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rs261415
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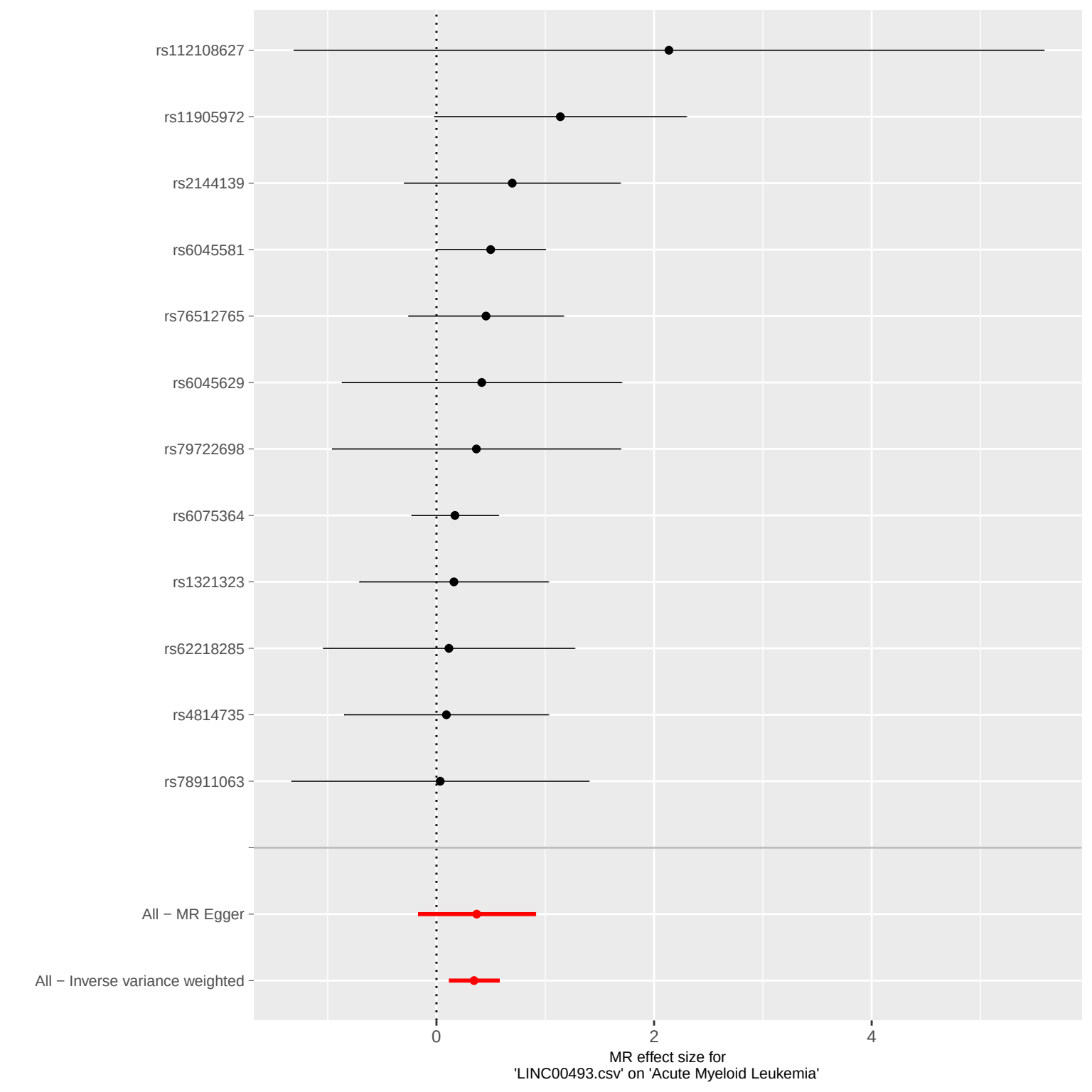
rs148431610
rs111360725
rs146533768
rs17347629
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'LINC00422.csv' on 'Acute Myeloid Leukemia'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rs6045581
rs76512765
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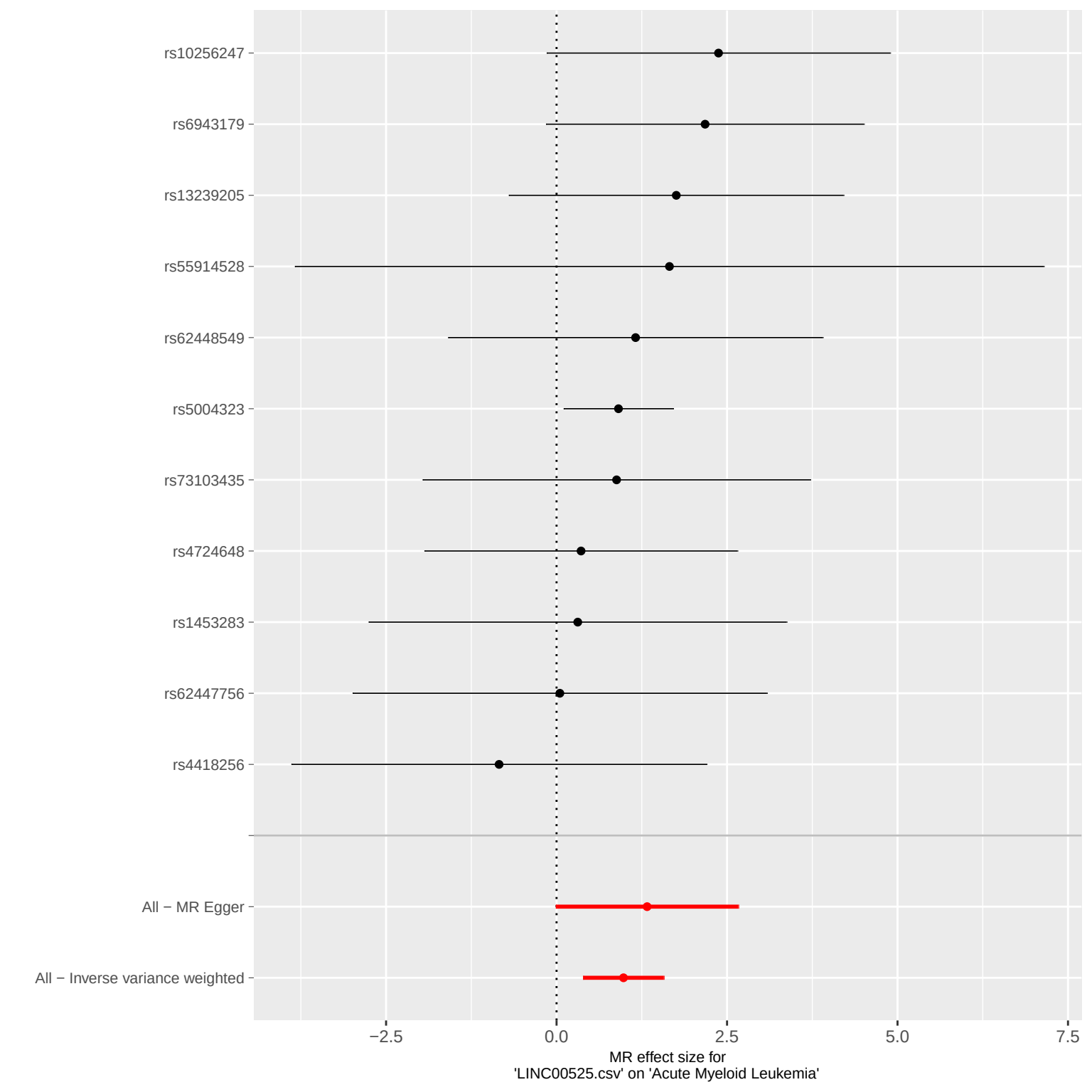
rs79722698
rs6075364
rs1321323
rs62218285
rs4814735
rs78911063
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'LINC00493.csv' on 'Acute Myeloid Leukemia'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rs4418256
All − MR Egger
All − Inverse variance weighted
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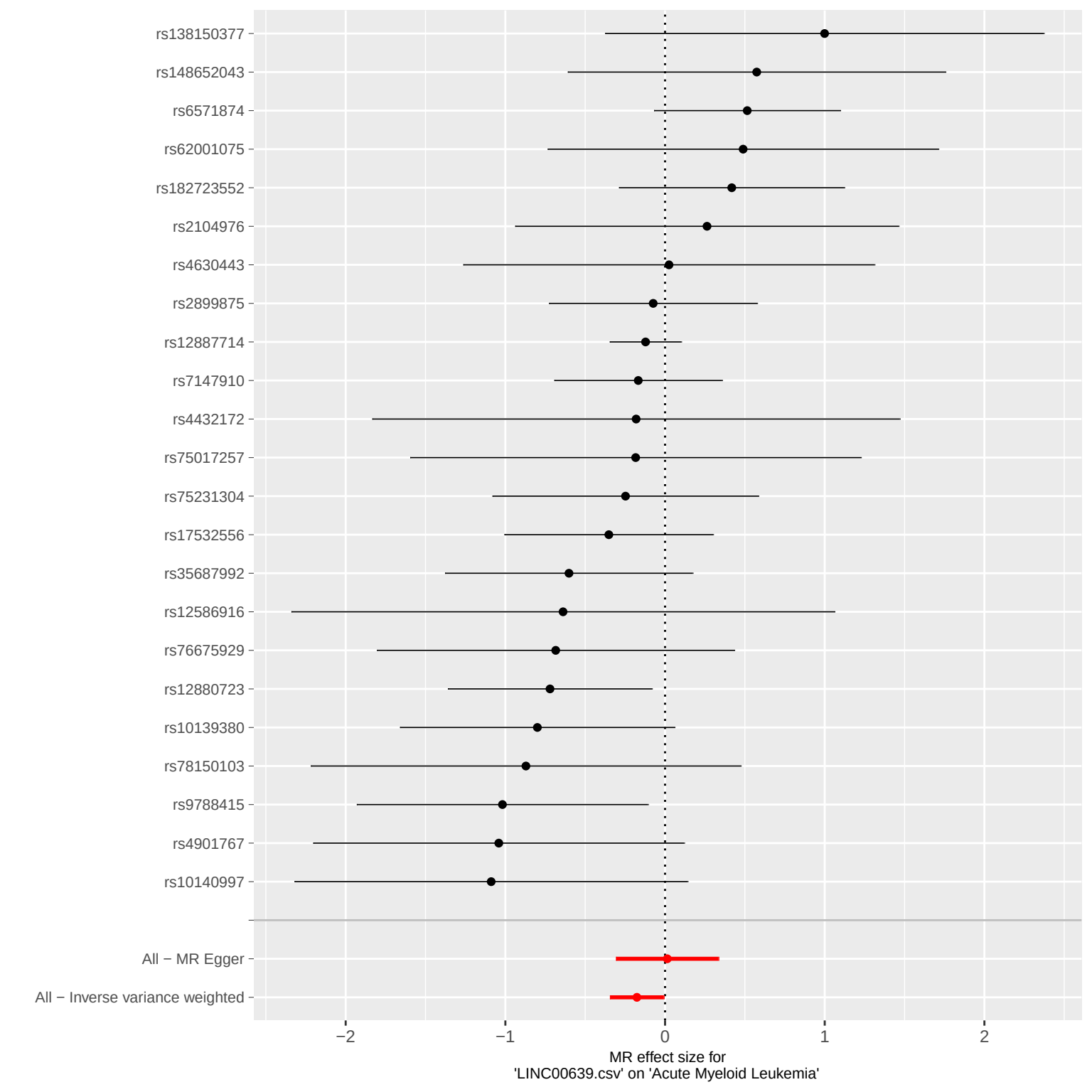
0.0
2.5
5.0
7.5
MR effect size for
'LINC00525.csv' on 'Acute Myeloid Leukemia'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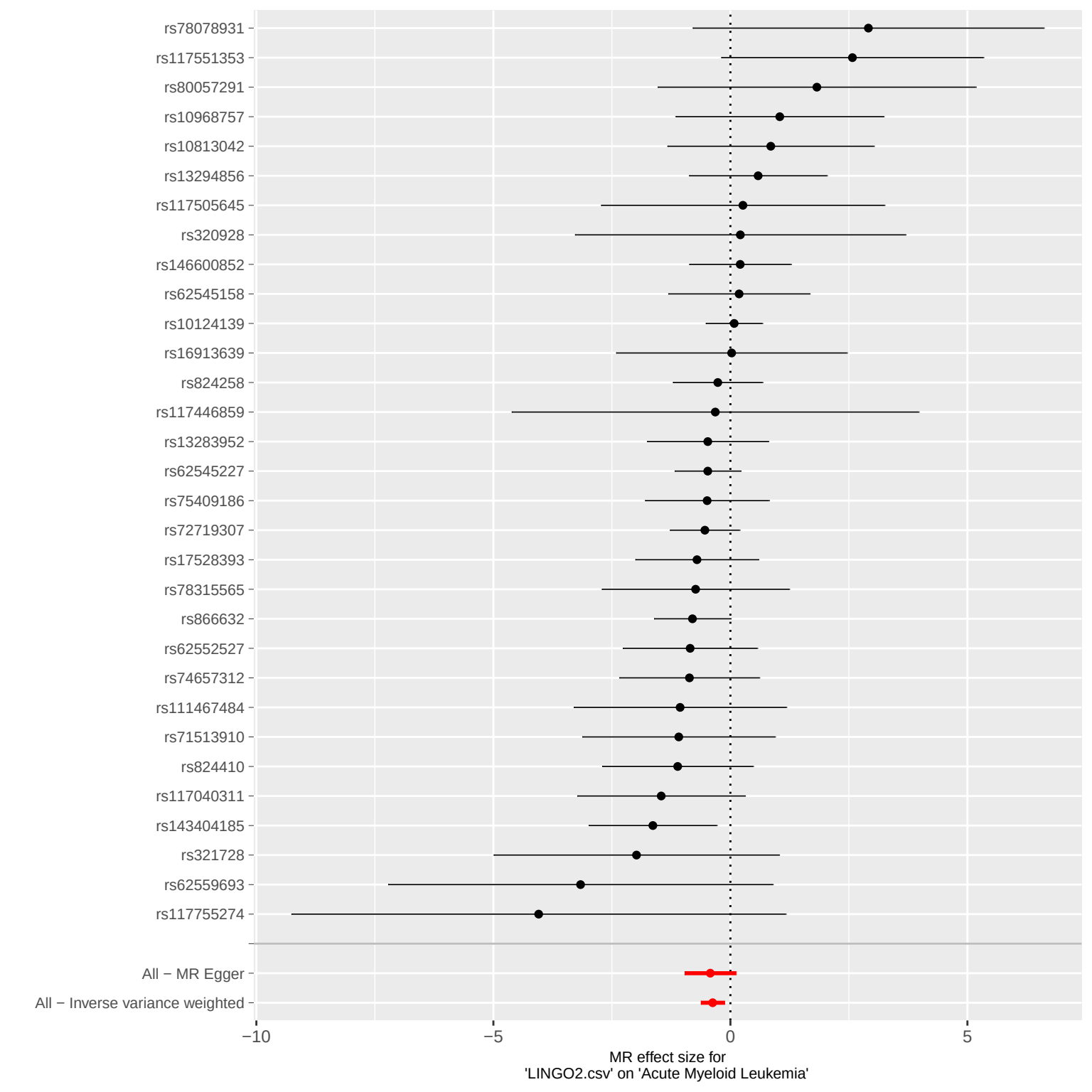
rs75231304
rs17532556
rs35687992
rs12586916
rs76675929
rs12880723
rs10139380
rs78150103
rs9788415
rs4901767
rs10140997
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'LINC00639.csv' on 'Acute Myeloid Leukemia'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rs16913639
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rs117446859
rs13283952
rs62545227
rs75409186
rs72719307
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rs78315565
rs866632
rs62552527
rs74657312
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rs824410
rs117040311
rs143404185
rs321728
rs62559693
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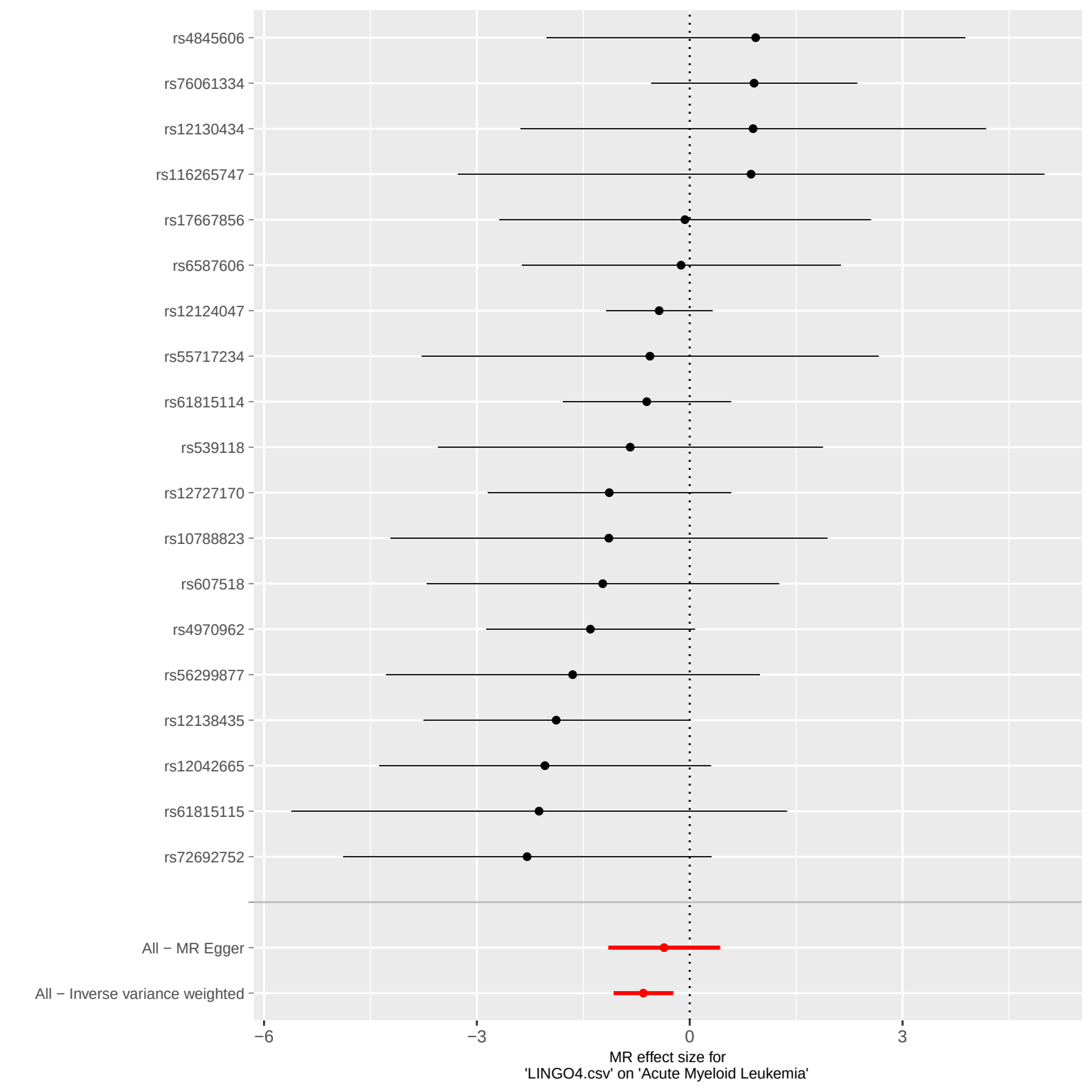
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'LINGO2.csv' on 'Acute Myeloid Leukemia'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rs12727170
rs10788823
rs607518
rs4970962
rs56299877
rs12138435
rs12042665
rs61815115
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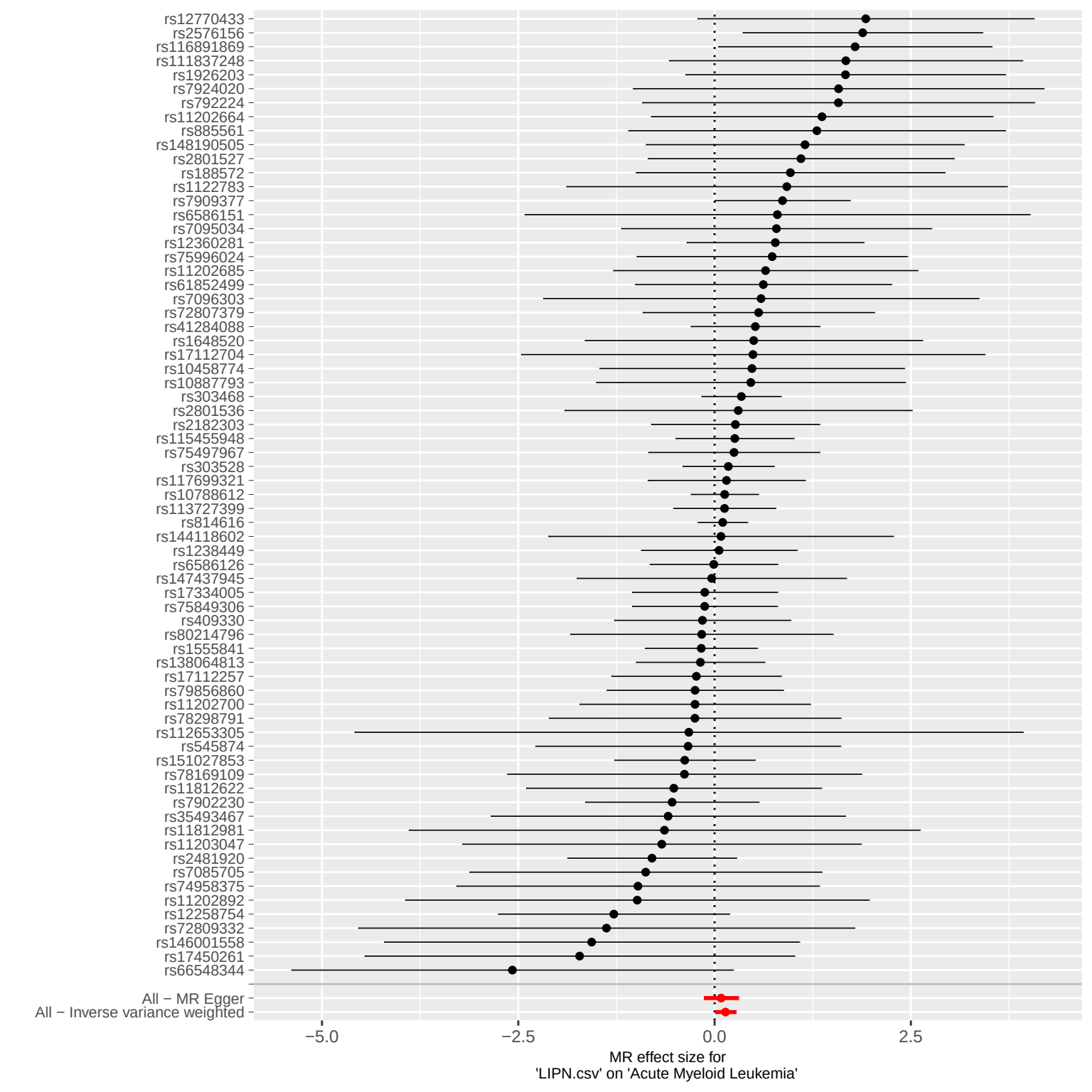
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'LINGO4.csv' on 'Acute Myeloid Leukemia'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rs1122783
rs7909377
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rs72807379
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rs11203047
rs2481920
rs7085705
rs74958375
rs11202892
rs12258754
rs72809332
rs146001558
rs17450261
rs66548344
All − MR Egger
All − Inverse variance weighted
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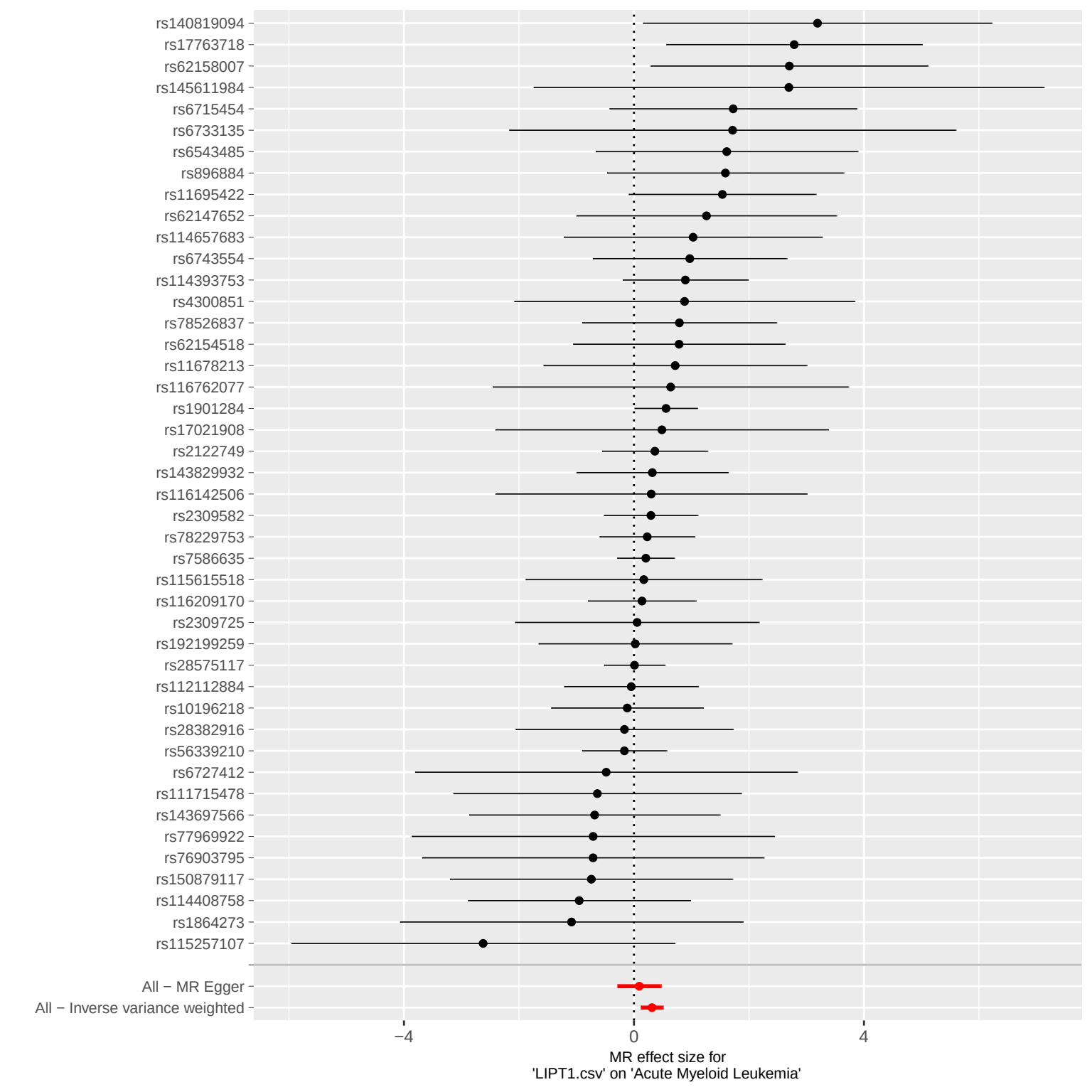
−2.5
0.0
2.5
MR effect size for
'LIPN.csv' on 'Acute Myeloid Leukemia'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rs62154518
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rs1901284
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rs2122749
rs143829932
rs116142506
rs2309582
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rs115615518
rs116209170
rs2309725
rs192199259
rs28575117
rs112112884
rs10196218
rs28382916
rs56339210
rs6727412
rs111715478
rs143697566
rs77969922
rs76903795
rs150879117
rs114408758
rs1864273
rs115257107
All − MR Egger
All − Inverse variance weighted
−4
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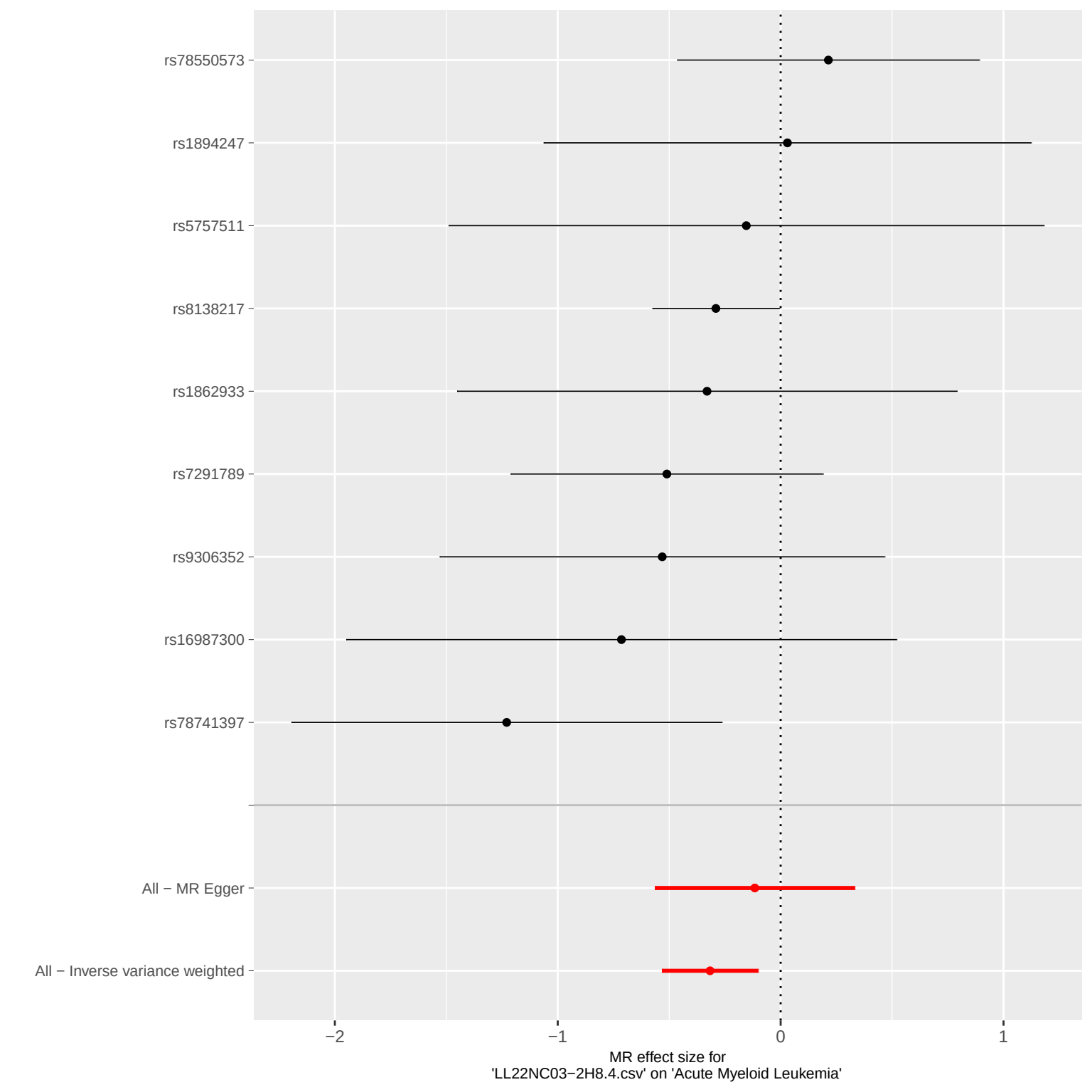
4
MR effect size for
'LIPT1.csv' on 'Acute Myeloid Leukemia'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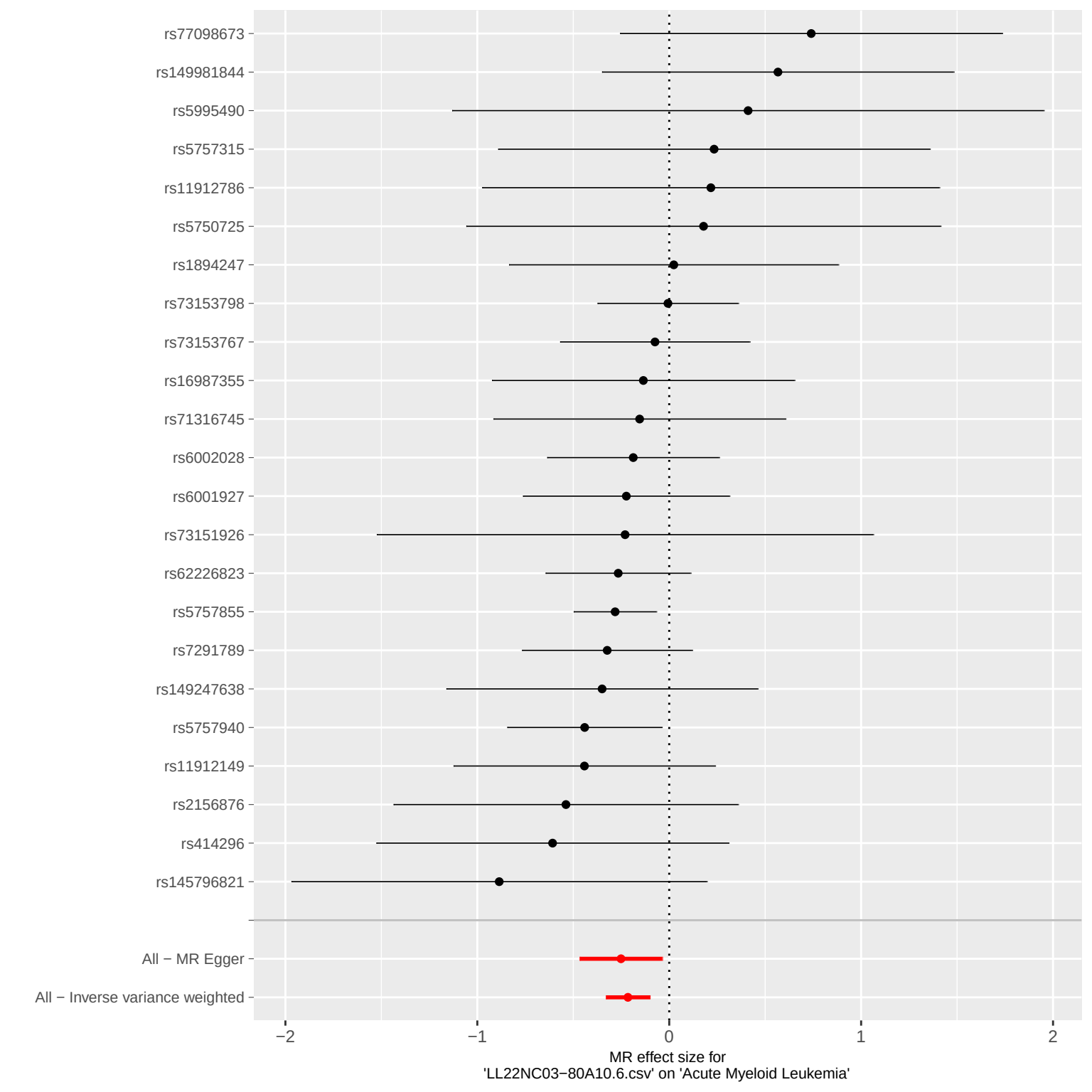
rs1894247
rs5757511
rs8138217
rs1862933
rs7291789
rs9306352
rs16987300
rs78741397
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'LL22NC03−2H8.4.csv' on 'Acute Myeloid Leukemia'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rs6002028
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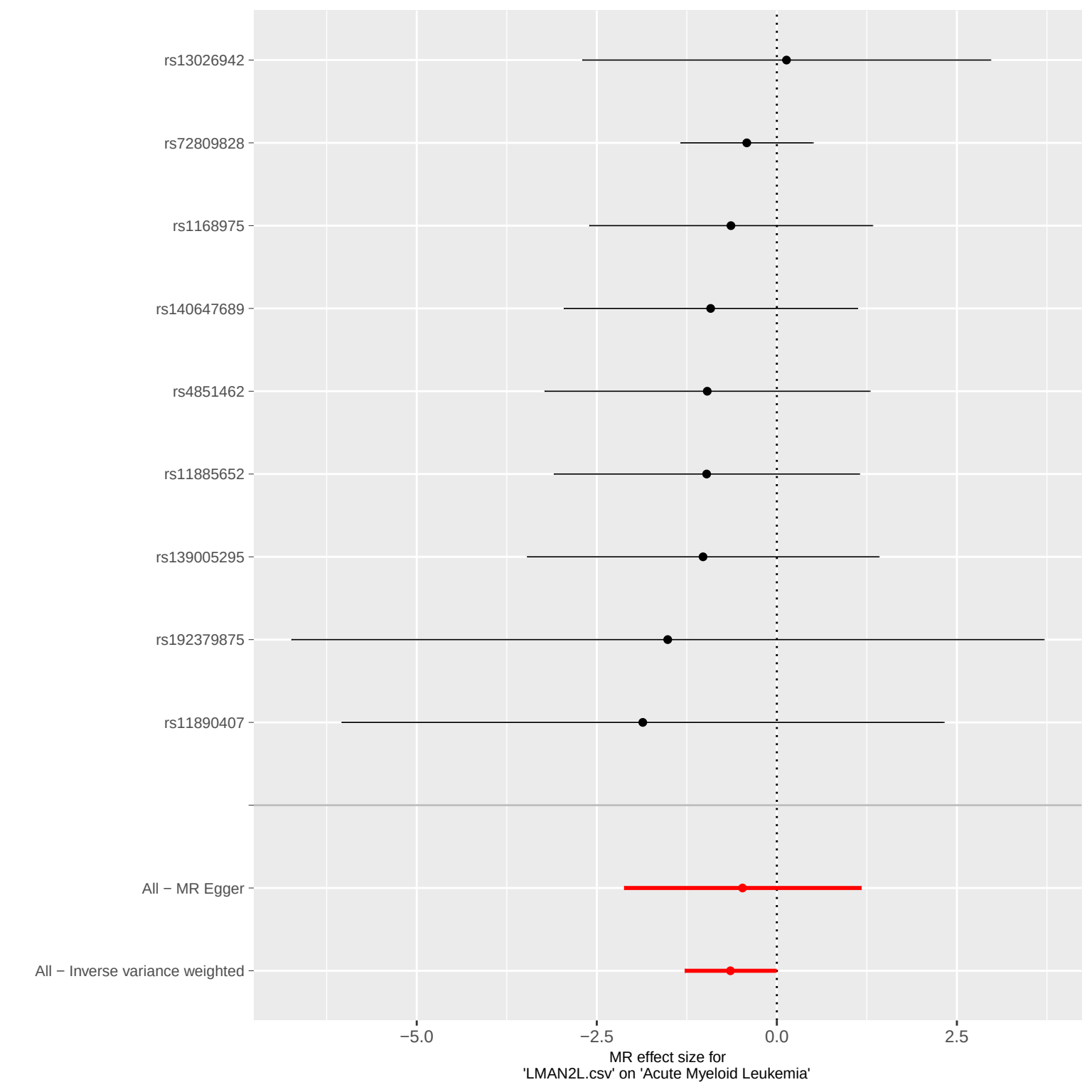
rs73151926
rs62226823
rs5757855
rs7291789
rs149247638
rs5757940
rs11912149
rs2156876
rs414296
rs145796821
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'LL22NC03−80A10.6.csv' on 'Acute Myeloid Leukemia'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rs4851462
rs11885652
rs139005295
rs192379875
rs11890407
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
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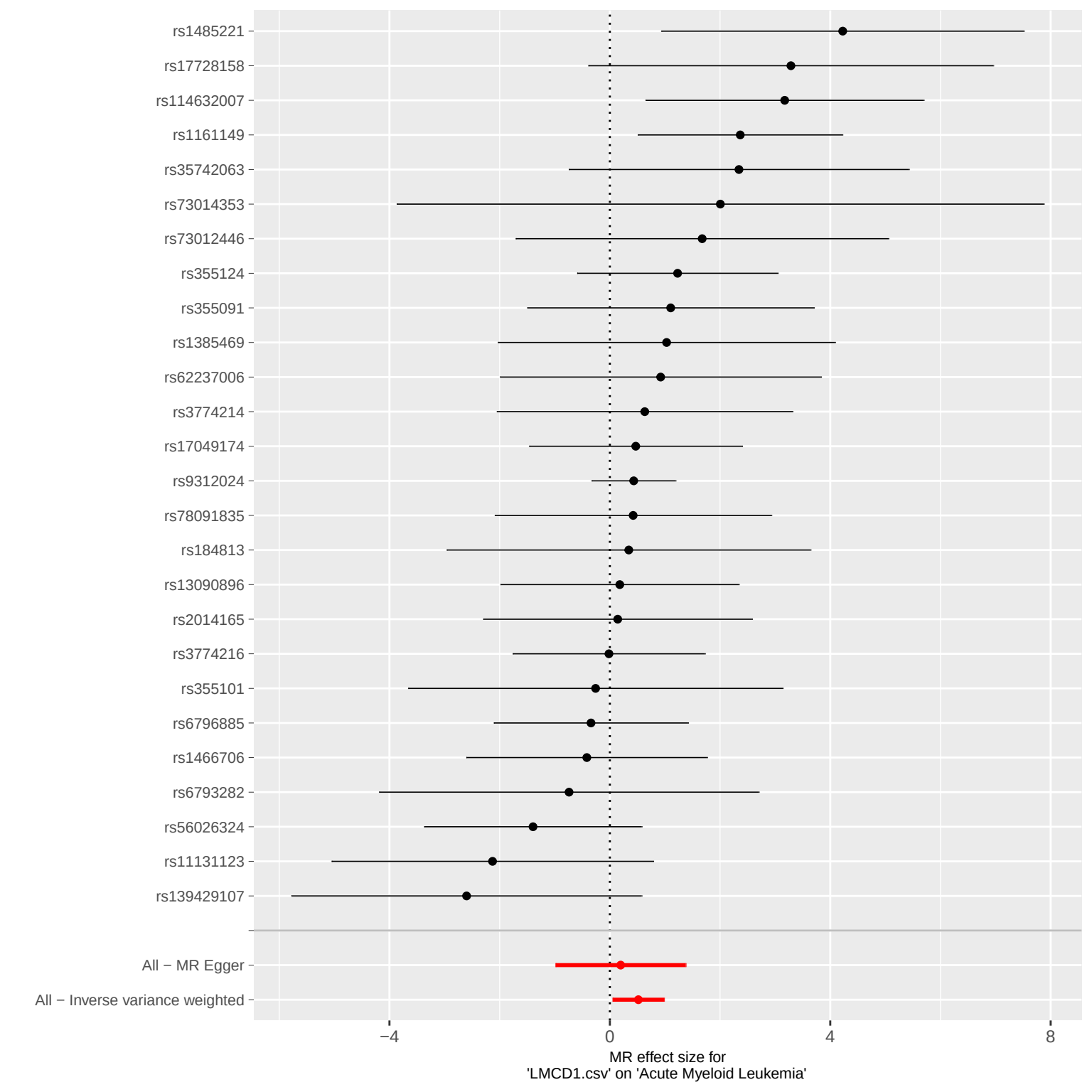
2.5
MR effect size for
'LMAN2L.csv' on 'Acute Myeloid Leukemia'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rs355101
rs6796885
rs1466706
rs6793282
rs56026324
rs11131123
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All − MR Egger
All − Inverse variance weighted
−4
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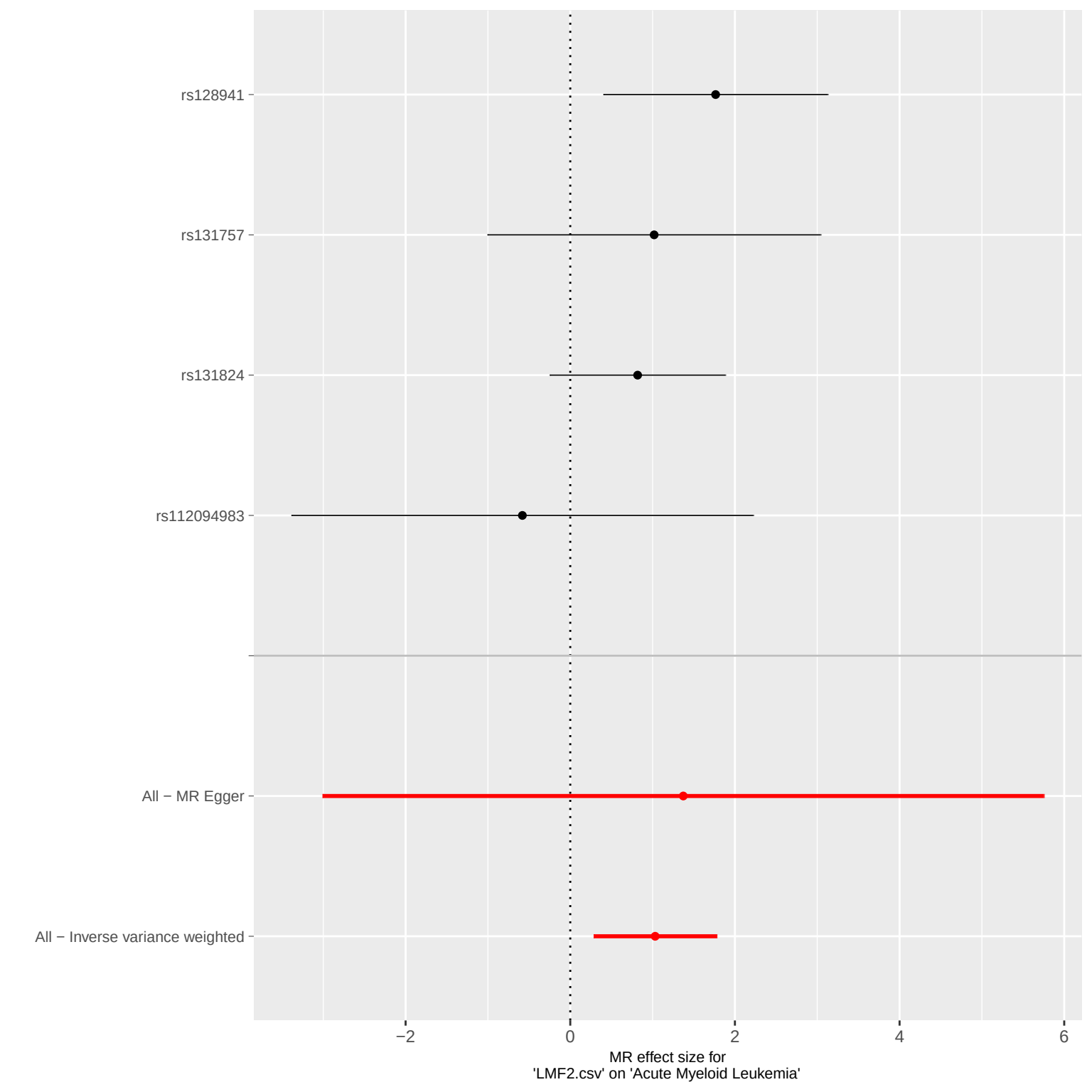
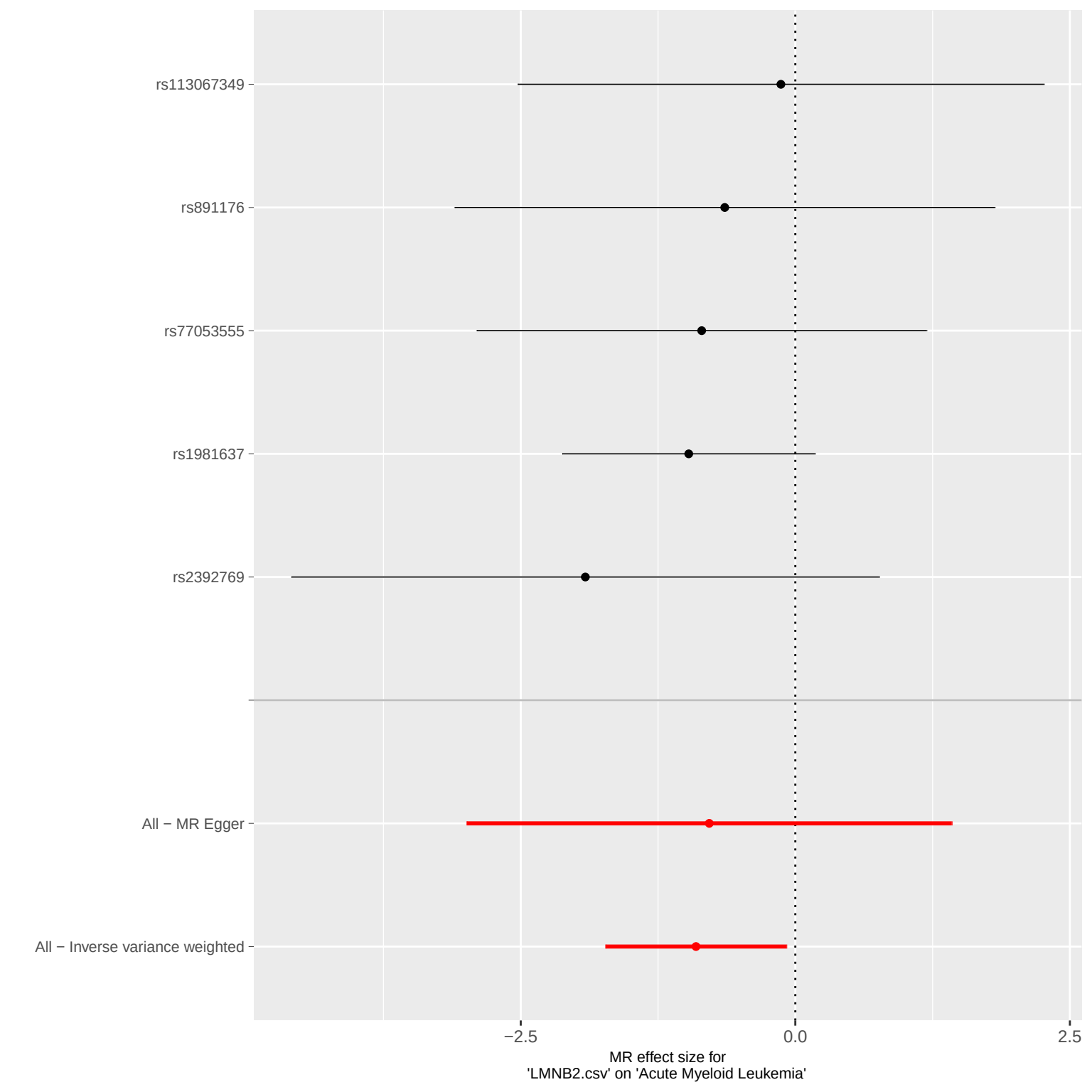
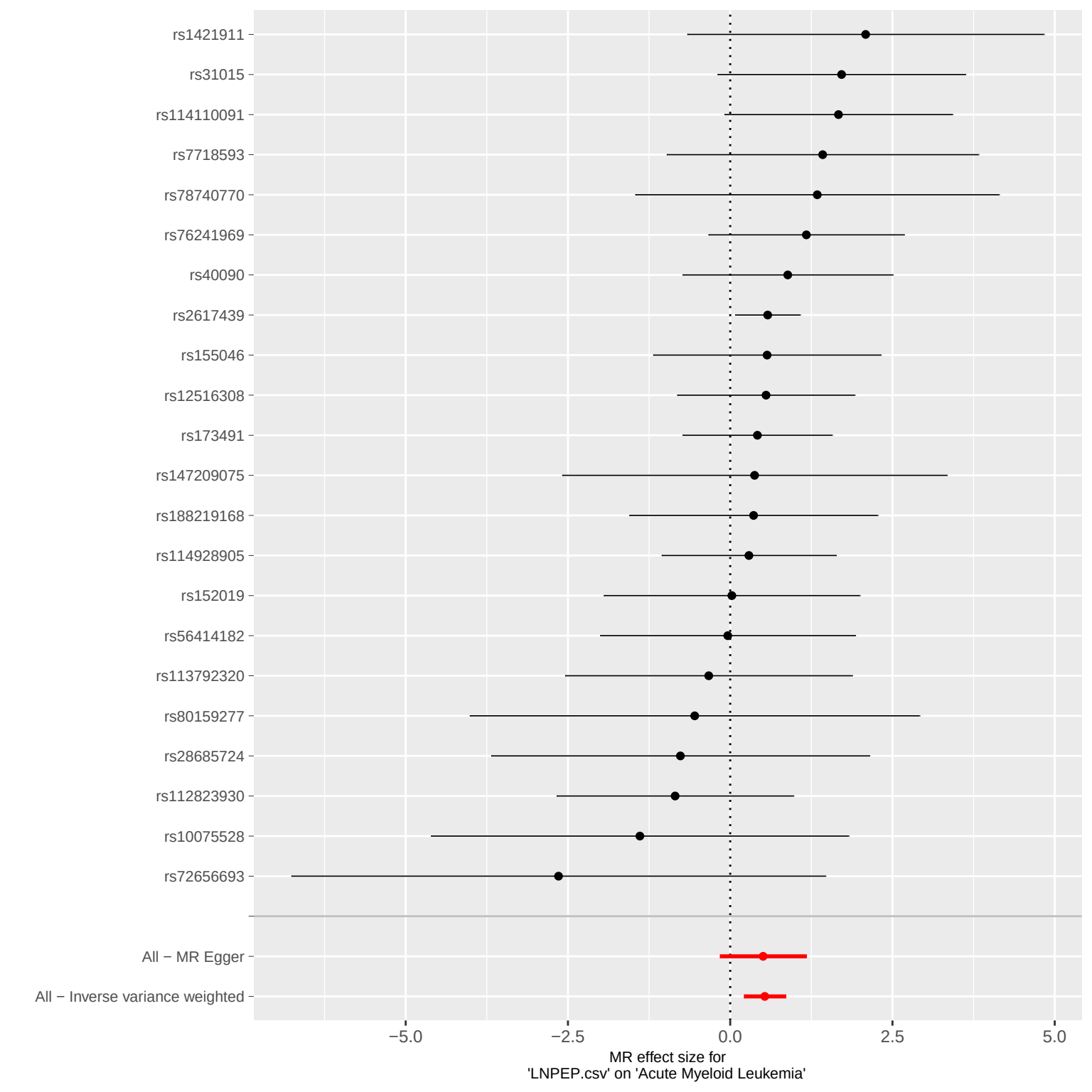
4
8
MR effect size for
'LMCD1.csv' on 'Acute Myeloid Leukemia'


rs128941
rs131757
rs131824
rs112094983
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'LMF2.csv' on 'Acute Myeloid Leukemia'


rs113067349
rs891176
rs77053555
rs1981637
rs2392769
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'LMNB2.csv' on 'Acute Myeloid Leukemia'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rs188219168
rs114928905
rs152019
rs56414182
rs113792320
rs80159277
rs28685724
rs112823930
rs10075528
rs72656693
All − MR Egger
All − Inverse variance weighted
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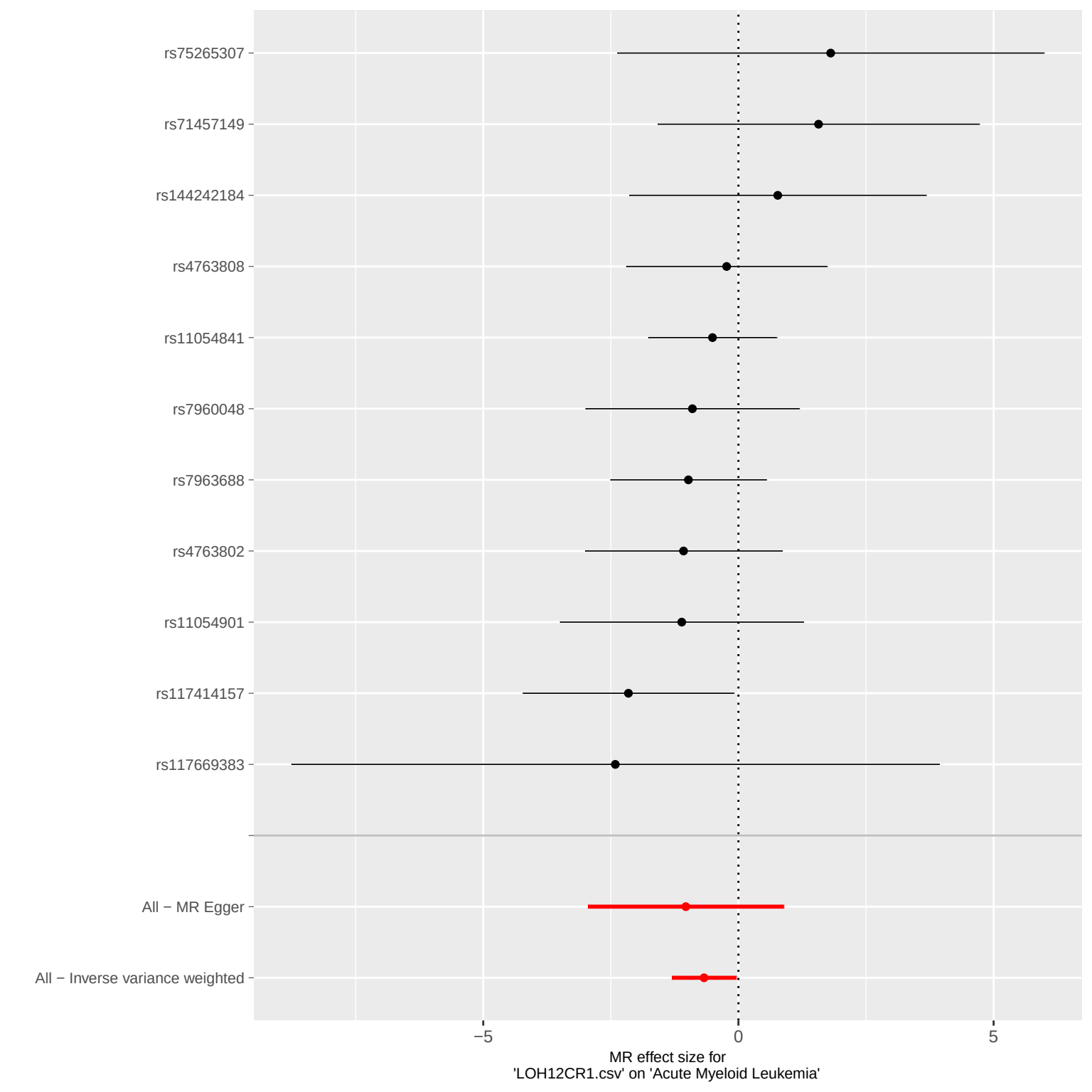
−2.5
0.0
2.5
5.0
MR effect size for
'LNPEP.csv' on 'Acute Myeloid Leukemia'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rs7960048
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rs11054901
rs117414157
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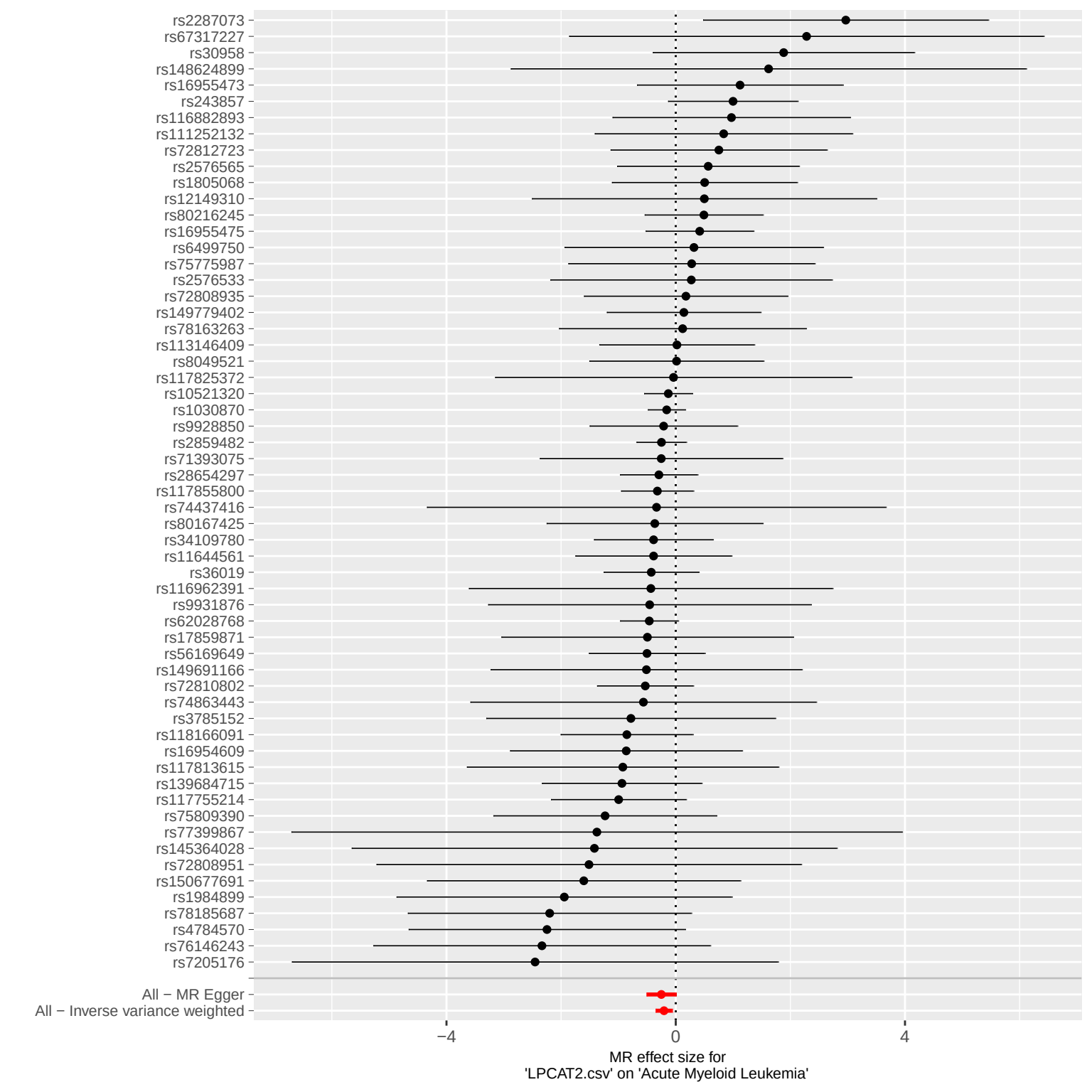
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'LOH12CR1.csv' on 'Acute Myeloid Leukemia'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rs9928850
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rs80167425
rs34109780
rs11644561
rs36019
rs116962391
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rs62028768
rs17859871
rs56169649
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rs72810802
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rs3785152
rs118166091
rs16954609
rs117813615
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rs75809390
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rs72808951
rs150677691
rs1984899
rs78185687
rs4784570
rs76146243
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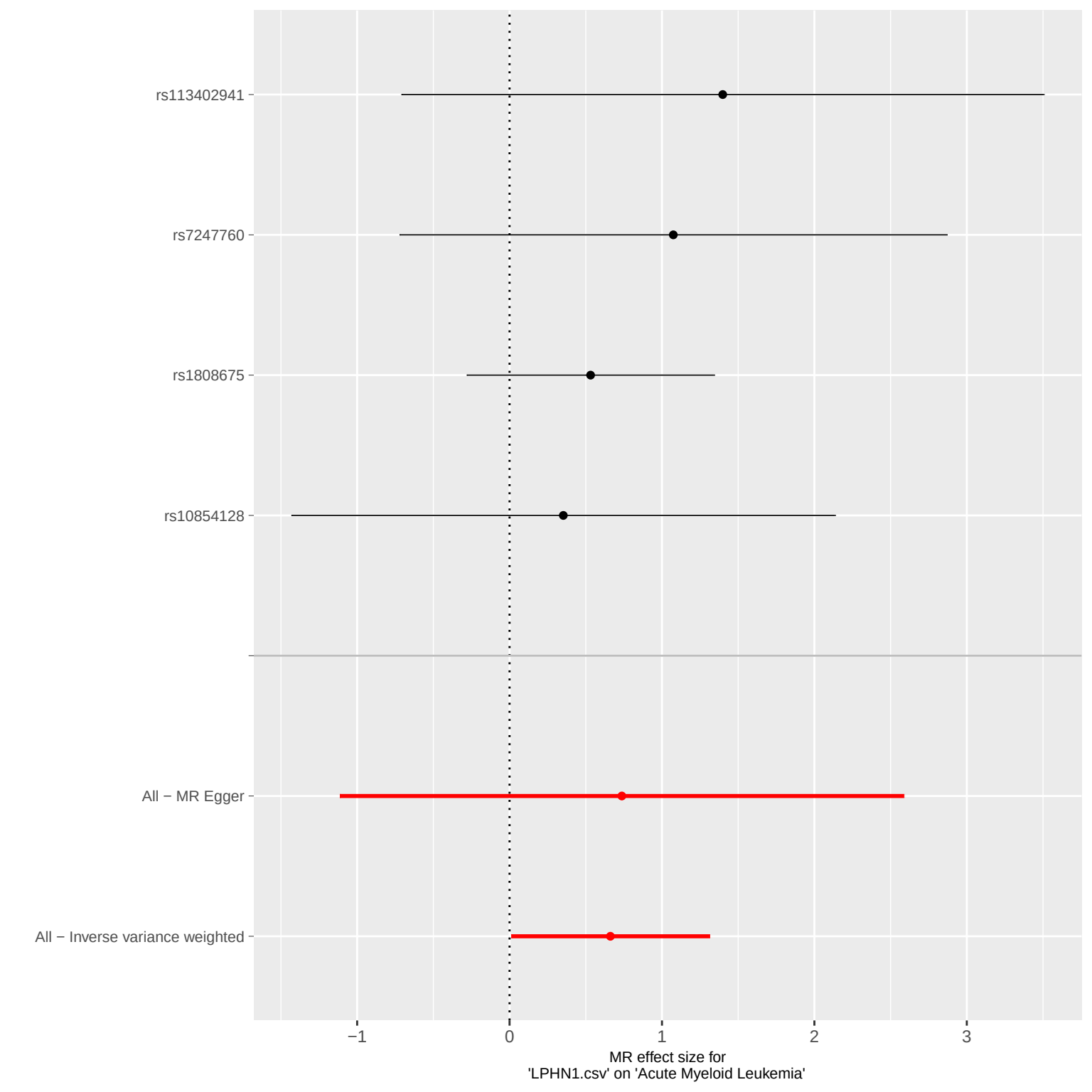
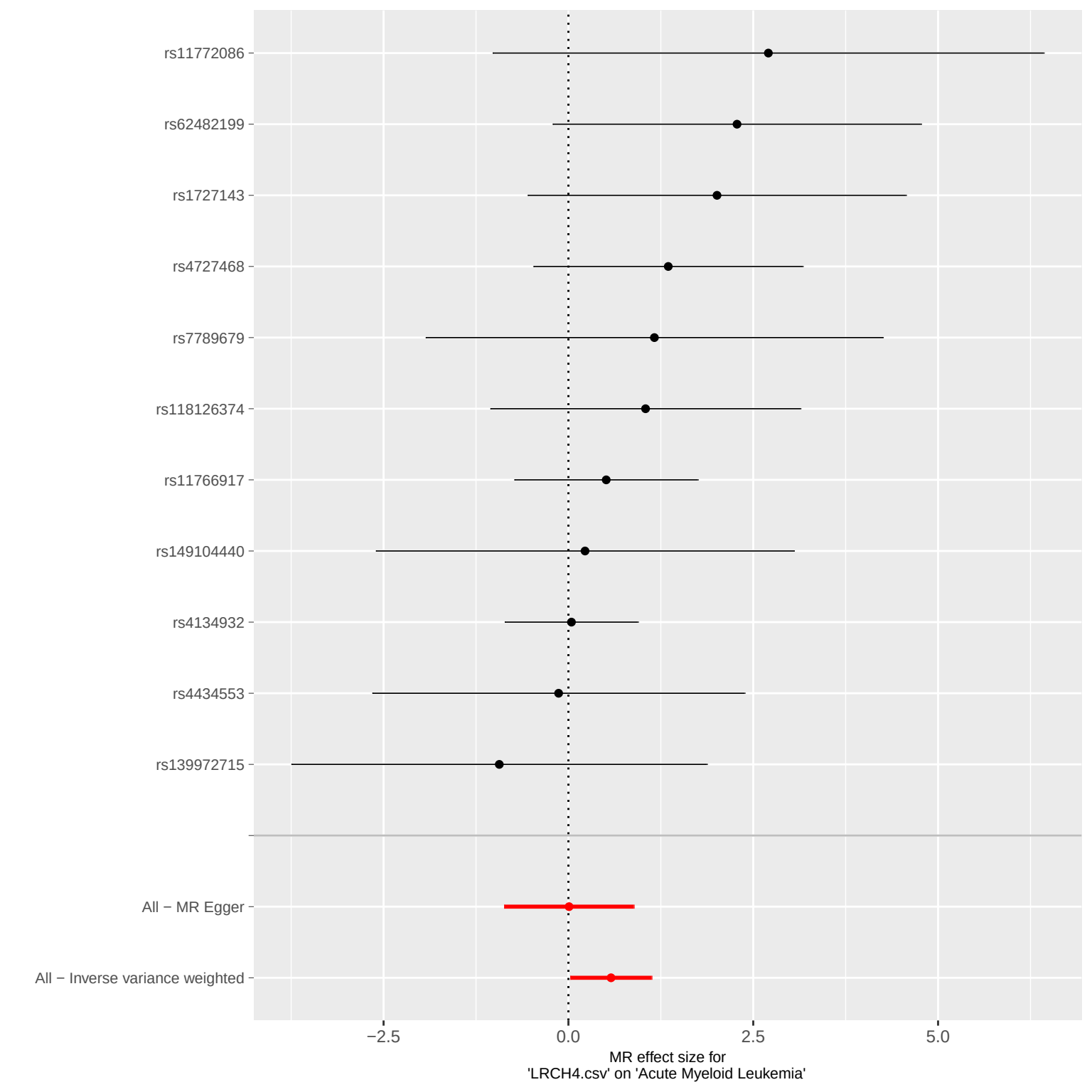
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'LPCAT2.csv' on 'Acute Myeloid Leukemia'


rs113402941
rs7247760
rs1808675
rs10854128
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'LPHN1.csv' on 'Acute Myeloid Leukemia'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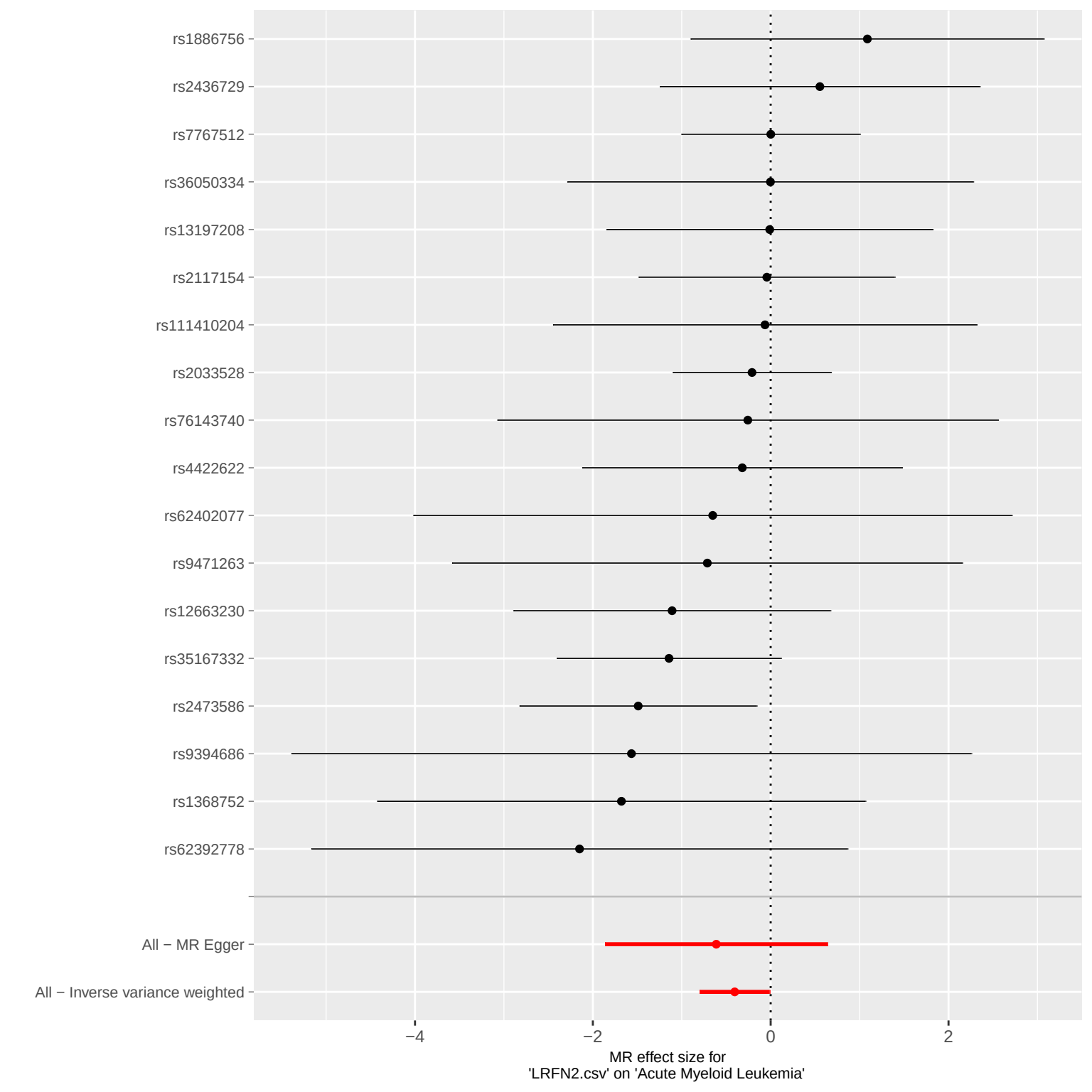
rs62482199
rs1727143
rs4727468
rs7789679
rs118126374
rs11766917
rs149104440
rs4134932
rs4434553
rs139972715
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'LRCH4.csv' on 'Acute Myeloid Leukemia'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rs2436729
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rs13197208
rs2117154
rs111410204
rs2033528
rs76143740
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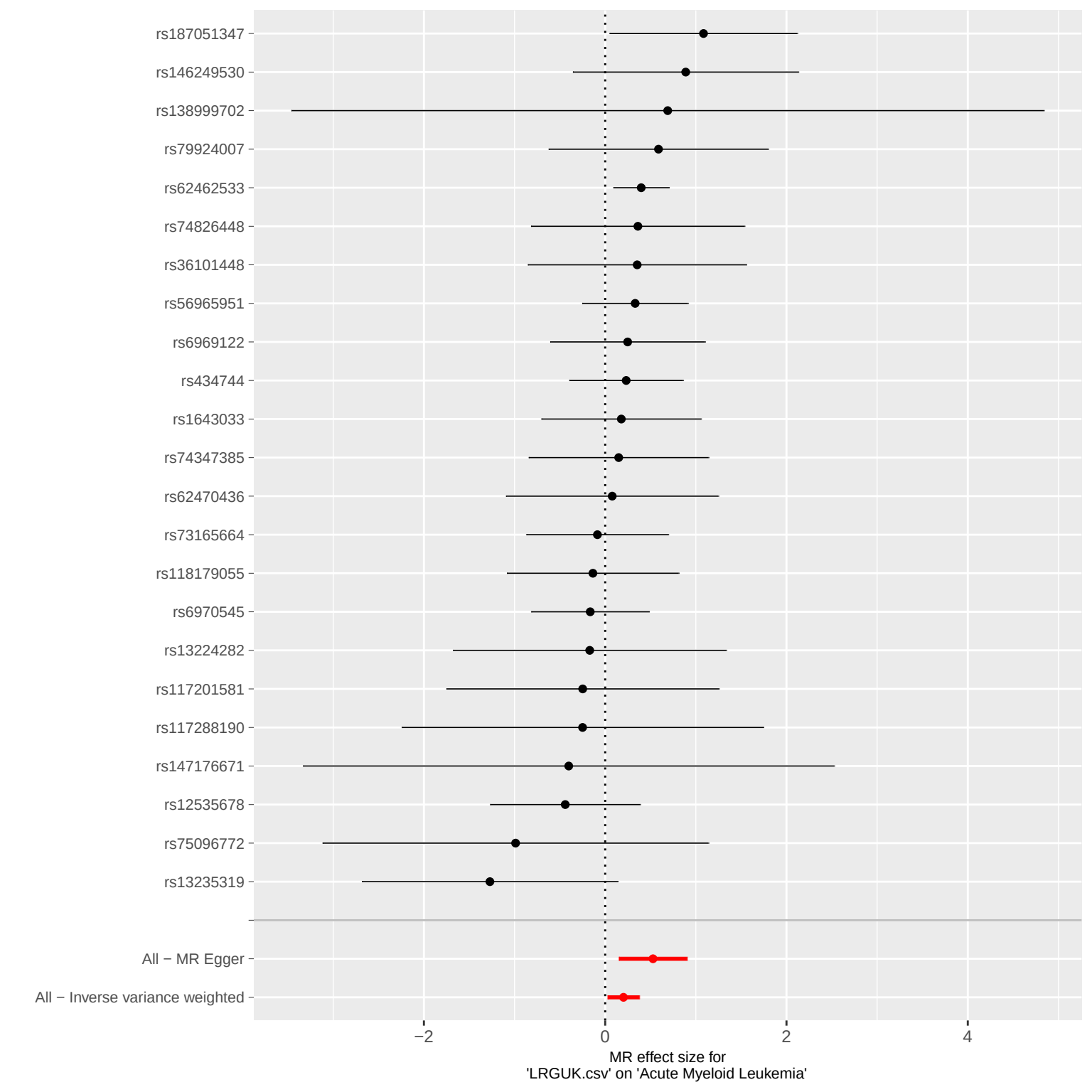
rs62402077
rs9471263
rs12663230
rs35167332
rs2473586
rs9394686
rs1368752
rs62392778
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'LRFN2.csv' on 'Acute Myeloid Leukemia'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rs434744
rs1643033
rs74347385
rs62470436
rs73165664
rs118179055
rs6970545
rs13224282
rs117201581
rs117288190
rs147176671
rs12535678
rs75096772
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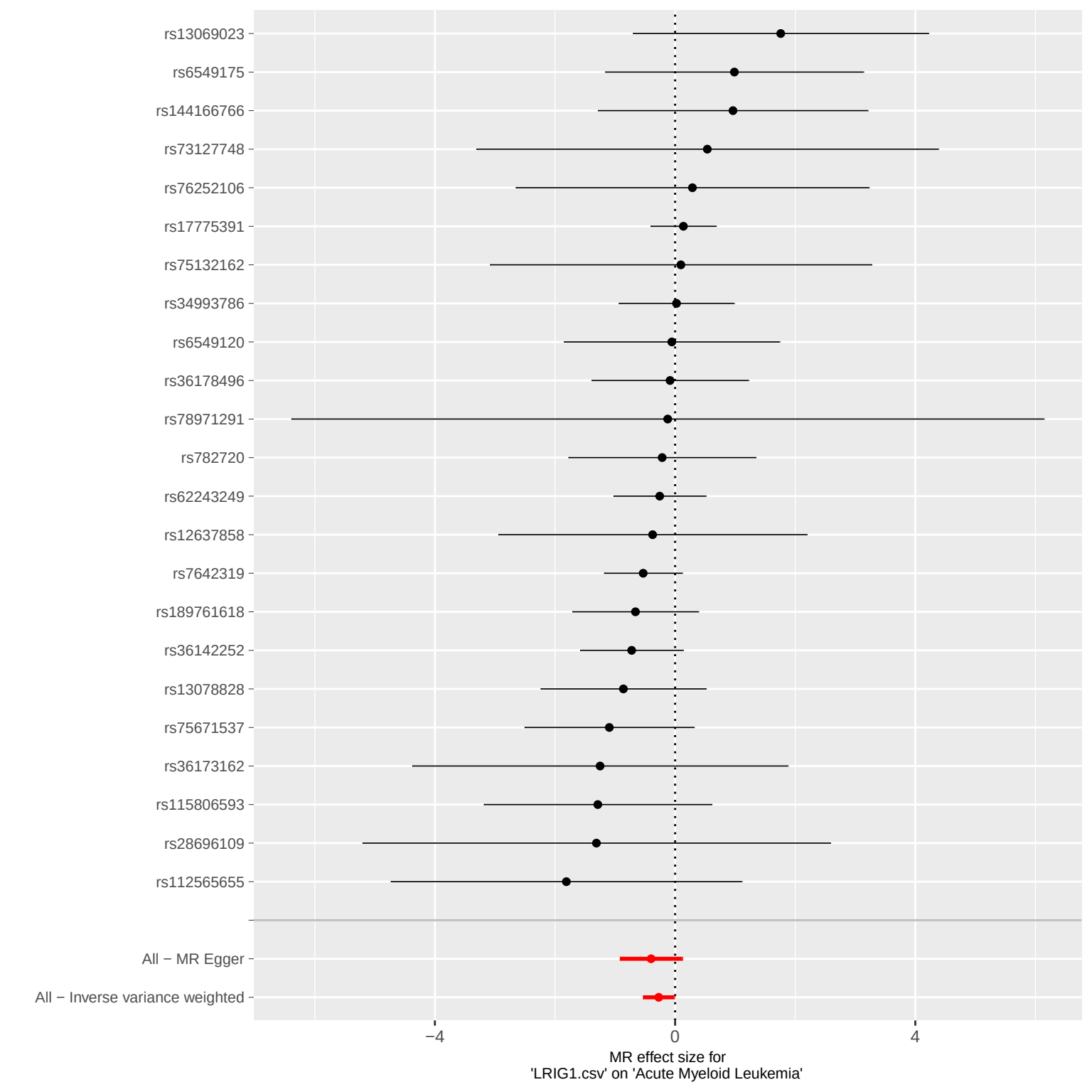
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'LRGUK.csv' on 'Acute Myeloid Leukemia'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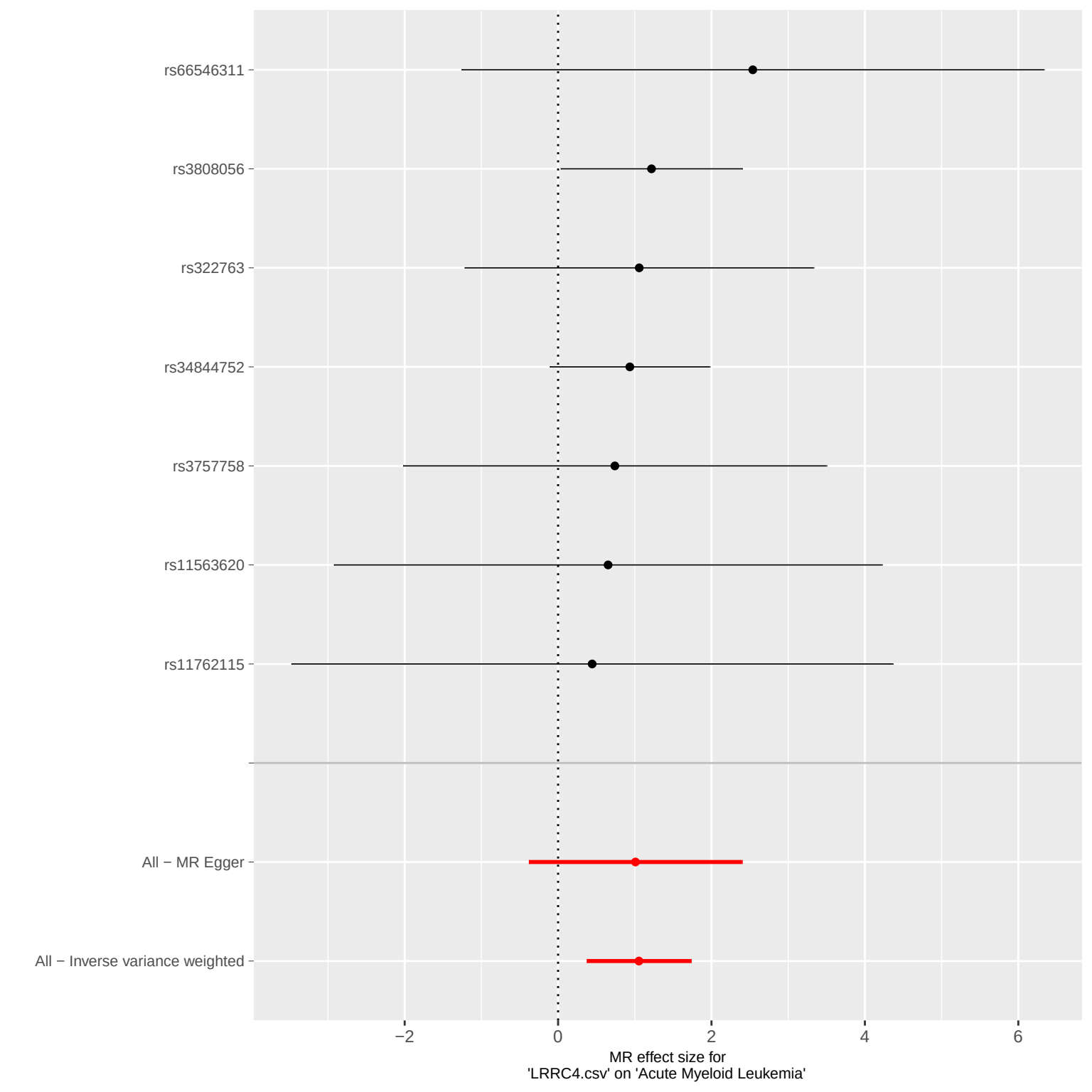
rs78971291
rs782720
rs62243249
rs12637858
rs7642319
rs189761618
rs36142252
rs13078828
rs75671537
rs36173162
rs115806593
rs28696109
rs112565655
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'LRIG1.csv' on 'Acute Myeloid Leukemia'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rs3808056
rs322763
rs34844752
rs3757758
rs11563620
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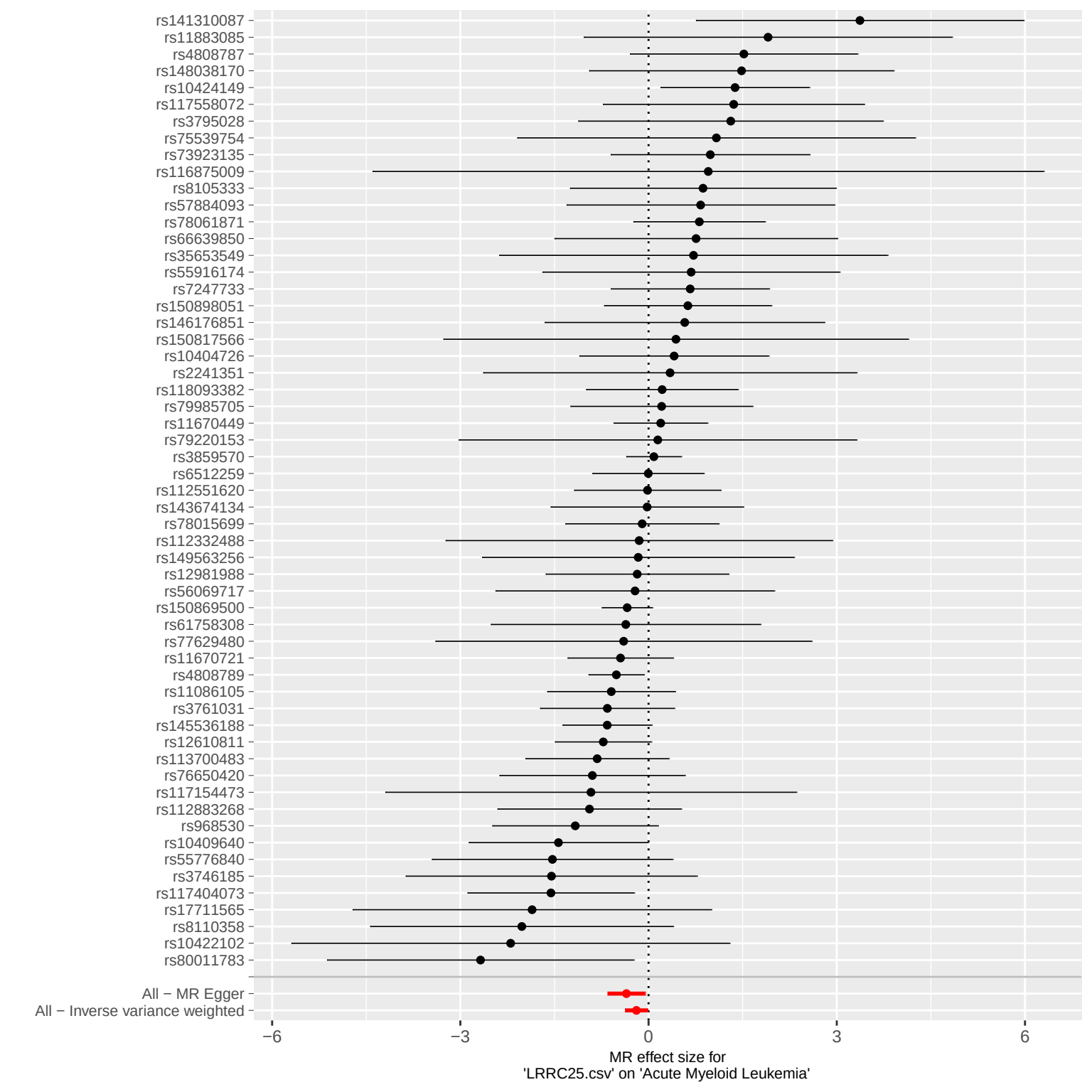
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'LRRC4.csv' on 'Acute Myeloid Leukemia'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rs10424149
rs117558072
rs3795028
rs75539754
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rs8105333
rs57884093
rs78061871
rs66639850
rs35653549
rs55916174
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rs150898051
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rs150817566
rs10404726
rs2241351
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rs79985705
rs11670449
rs79220153
rs3859570
rs6512259
rs112551620
rs143674134
rs78015699
rs112332488
rs149563256
rs12981988
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rs150869500
rs61758308
rs77629480
rs11670721
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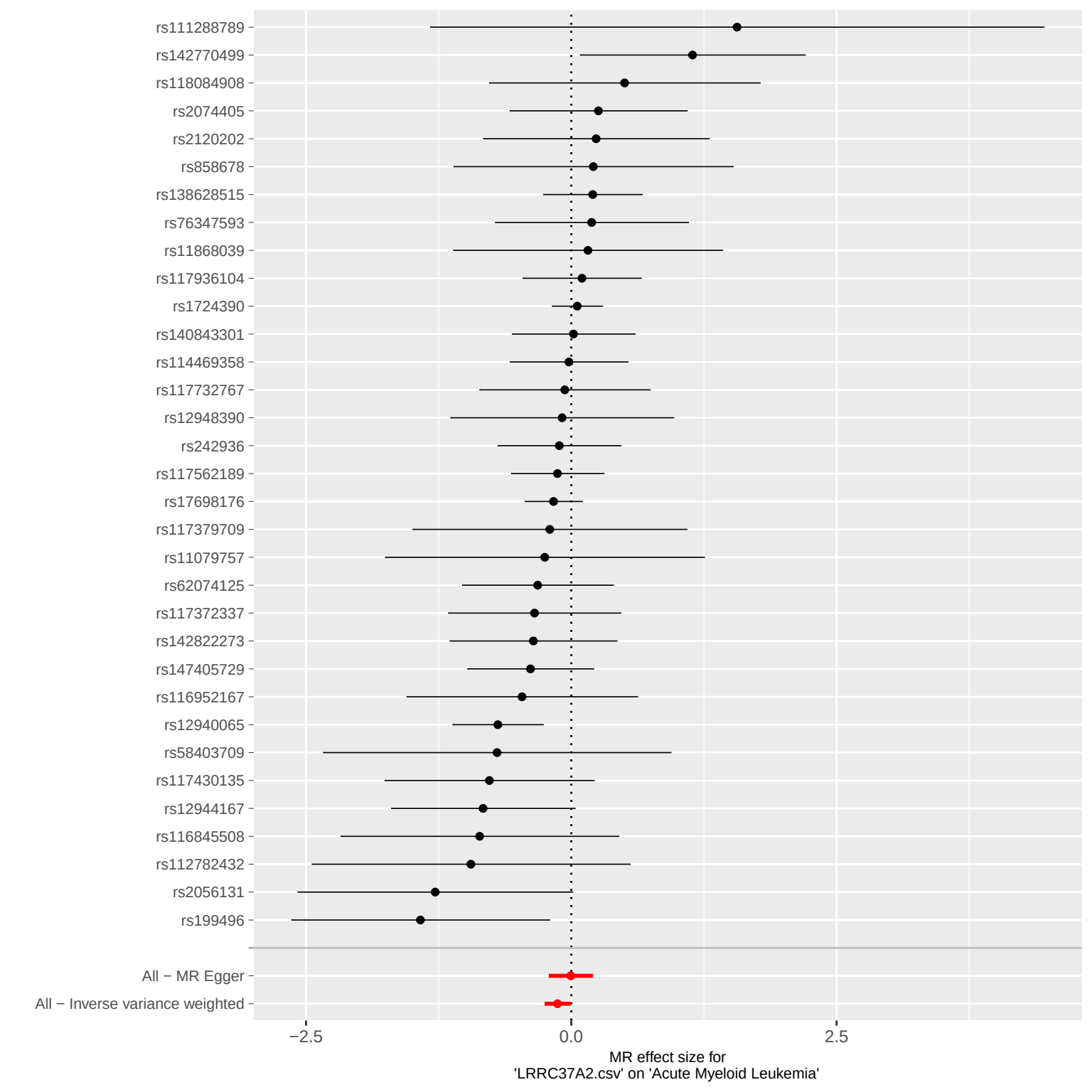
rs11086105
rs3761031
rs145536188
rs12610811
rs113700483
rs76650420
rs117154473
rs112883268
rs968530
rs10409640
rs55776840
rs3746185
rs117404073
rs17711565
rs8110358
rs10422102
rs80011783
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'LRRC25.csv' on 'Acute Myeloid Leukemia'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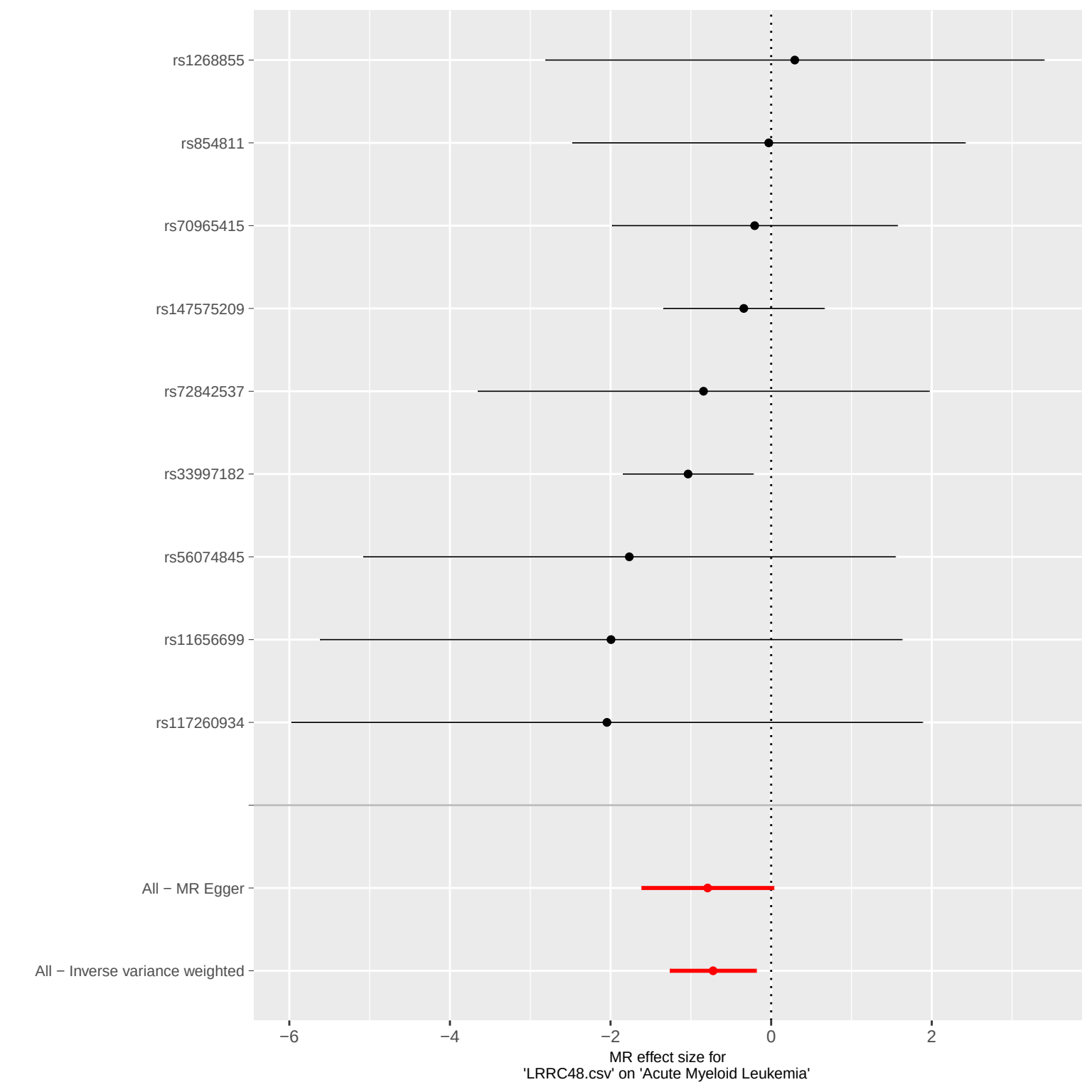
rs114469358
rs117732767
rs12948390
rs242936
rs117562189
rs17698176
rs117379709
rs11079757
rs62074125
rs117372337
rs142822273
rs147405729
rs116952167
rs12940065
rs58403709
rs117430135
rs12944167
rs116845508
rs112782432
rs2056131
rs199496
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'LRRC37A2.csv' on 'Acute Myeloid Leukemia'


rs1268855
rs854811
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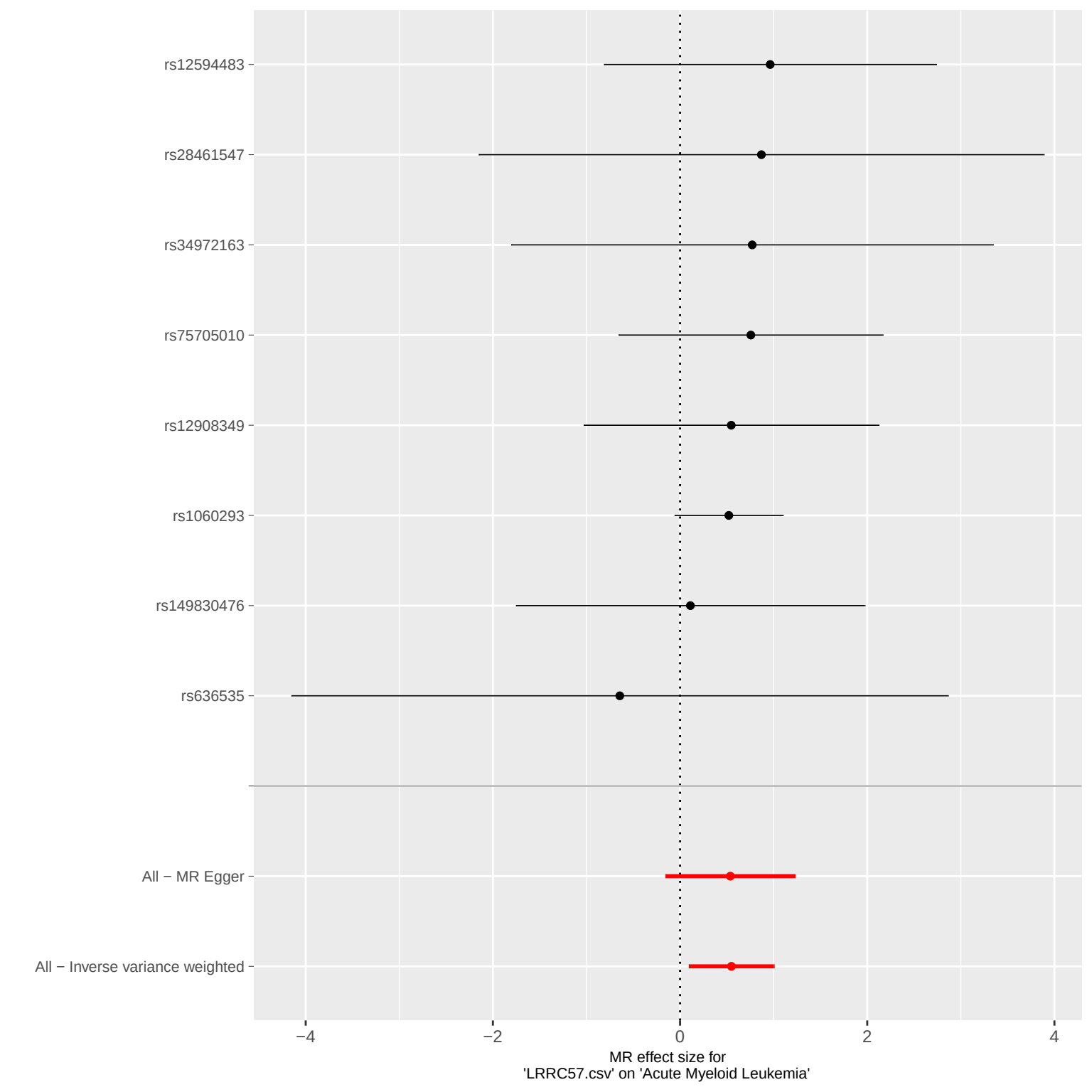
rs147575209
rs72842537
rs33997182
rs56074845
rs11656699
rs117260934
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'LRRC48.csv' on 'Acute Myeloid Leukemia'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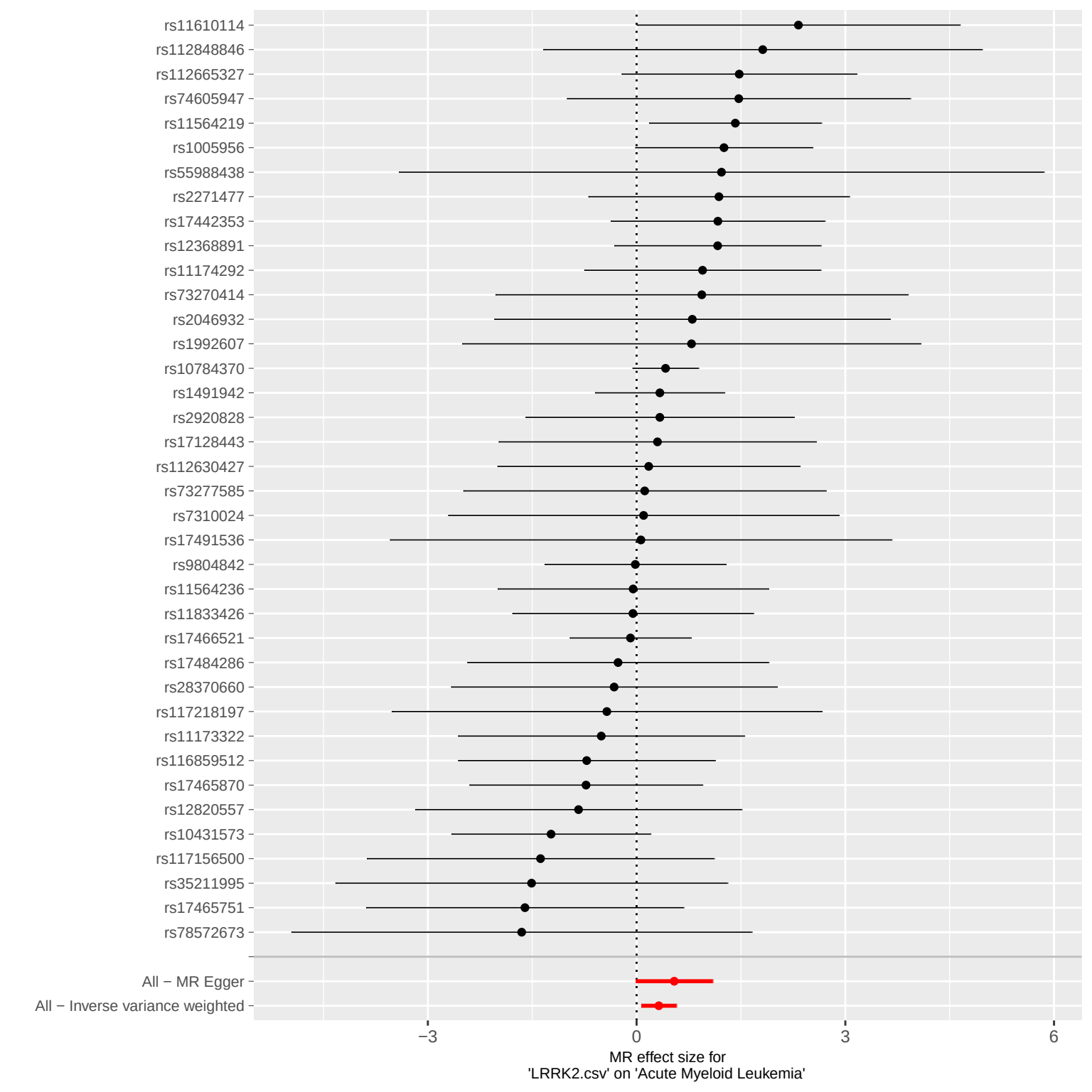
rs34972163
rs75705010
rs12908349
rs1060293
rs149830476
rs636535
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'LRRC57.csv' on 'Acute Myeloid Leukemia'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rs73270414
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rs10784370
rs1491942
rs2920828
rs17128443
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rs11833426
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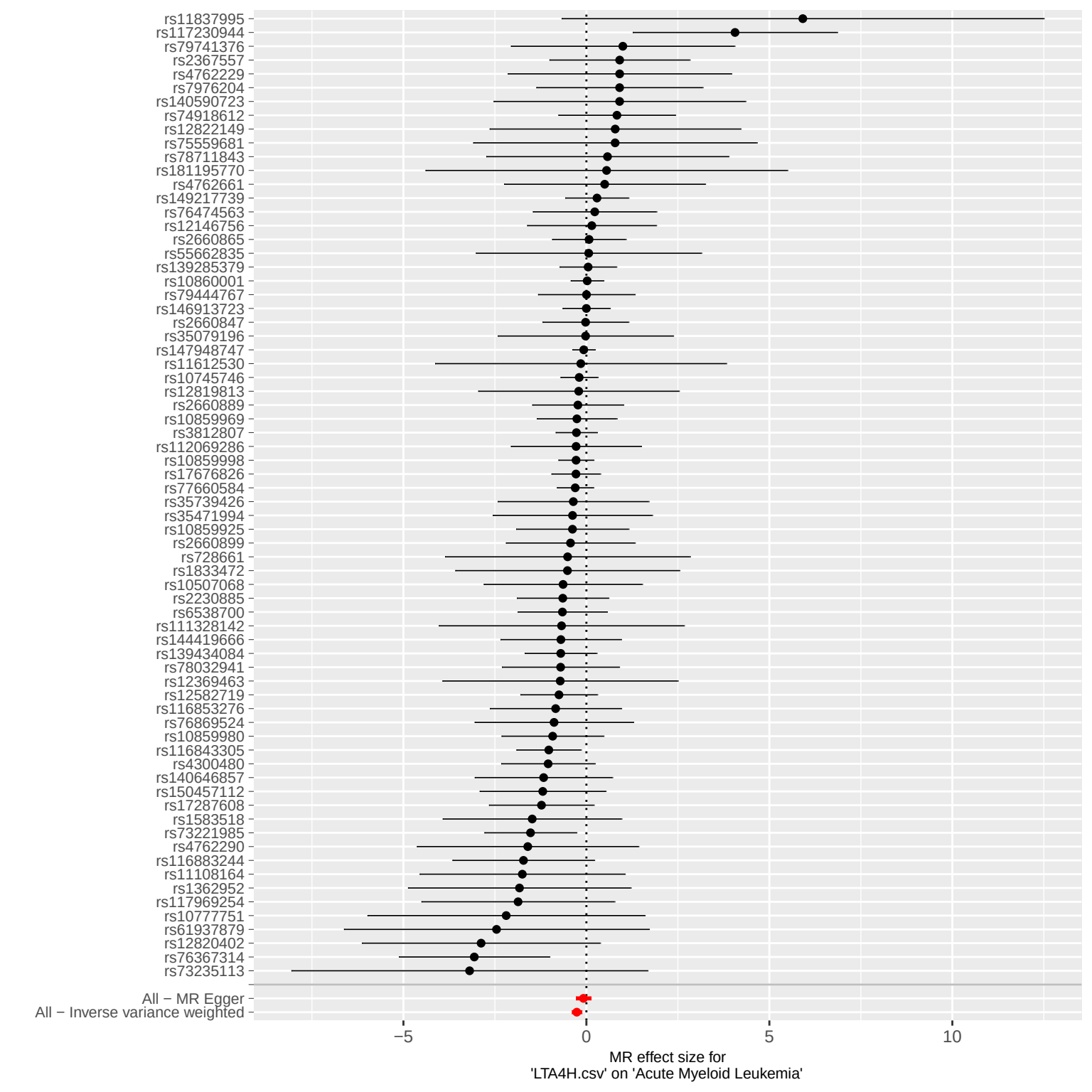
rs11173322
rs116859512
rs17465870
rs12820557
rs10431573
rs117156500
rs35211995
rs17465751
rs78572673
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'LRRK2.csv' on 'Acute Myeloid Leukemia'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rs1583518
rs73221985
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rs117969254
rs10777751
rs61937879
rs12820402
rs76367314
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All − MR Egger
All − Inverse variance weighted
−5
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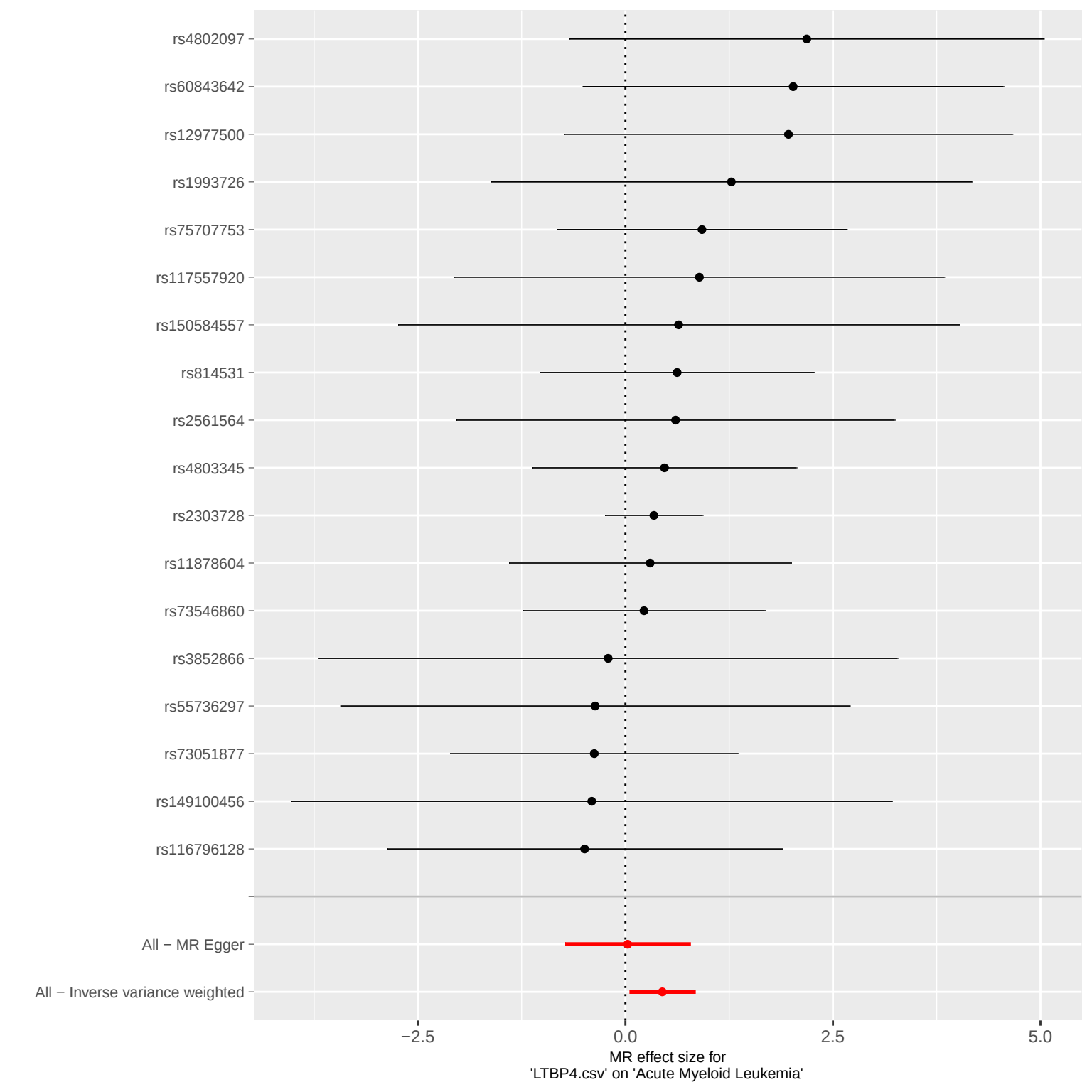
5
10
MR effect size for
'LTA4H.csv' on 'Acute Myeloid Leukemia'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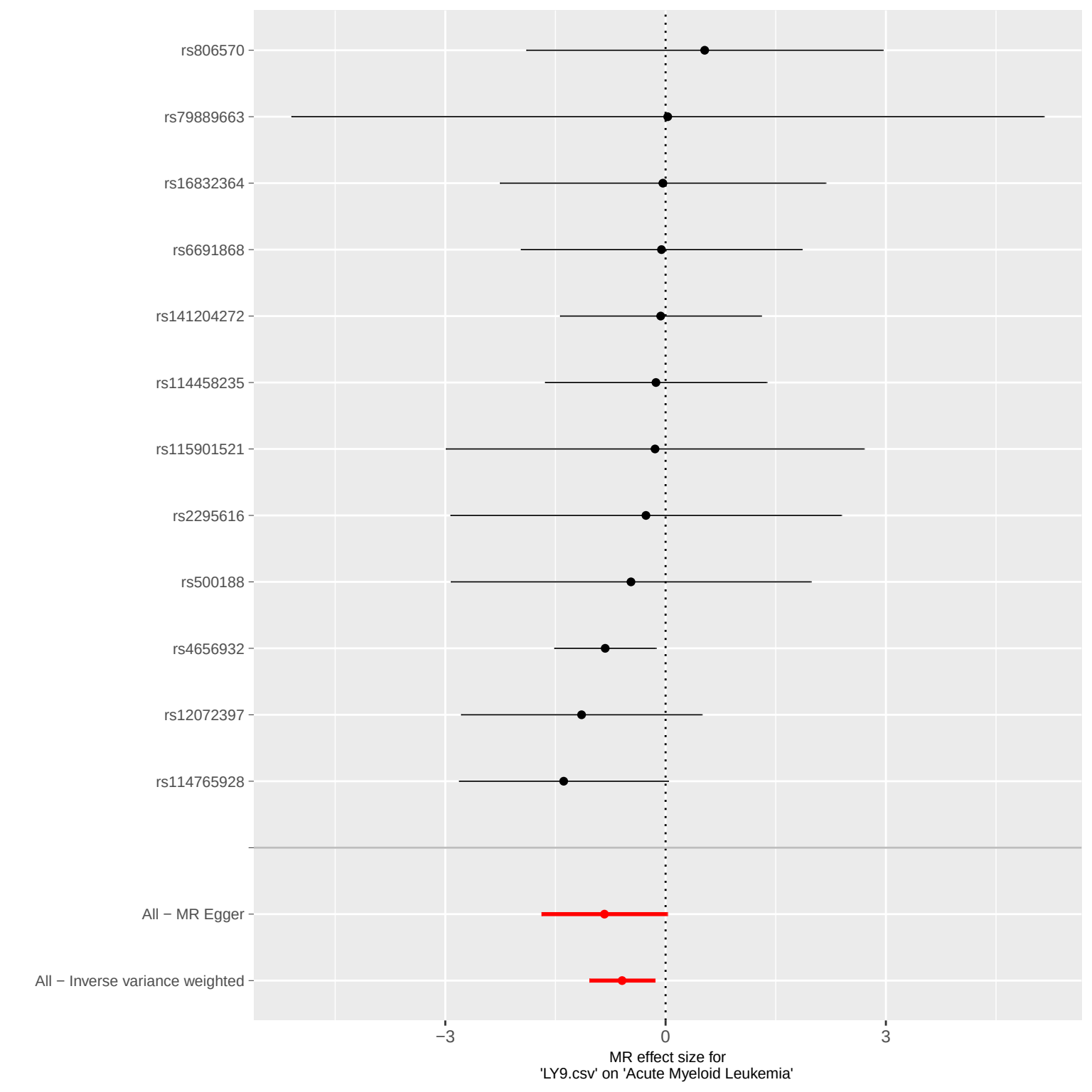
rs55736297
rs73051877
rs149100456
rs116796128
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'LTBP4.csv' on 'Acute Myeloid Leukemia'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rs6691868
rs141204272
rs114458235
rs115901521
rs2295616
rs500188
rs4656932
rs12072397
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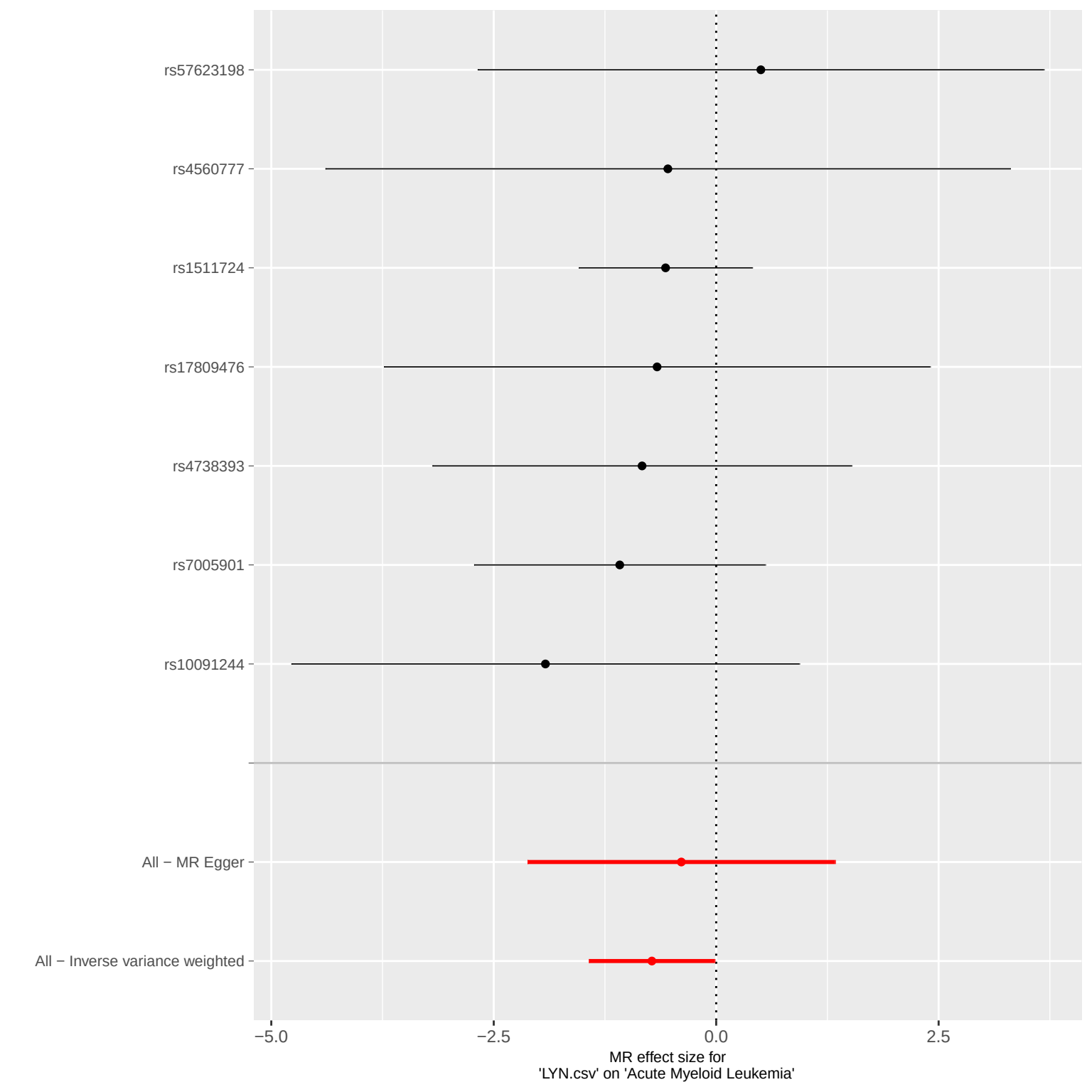
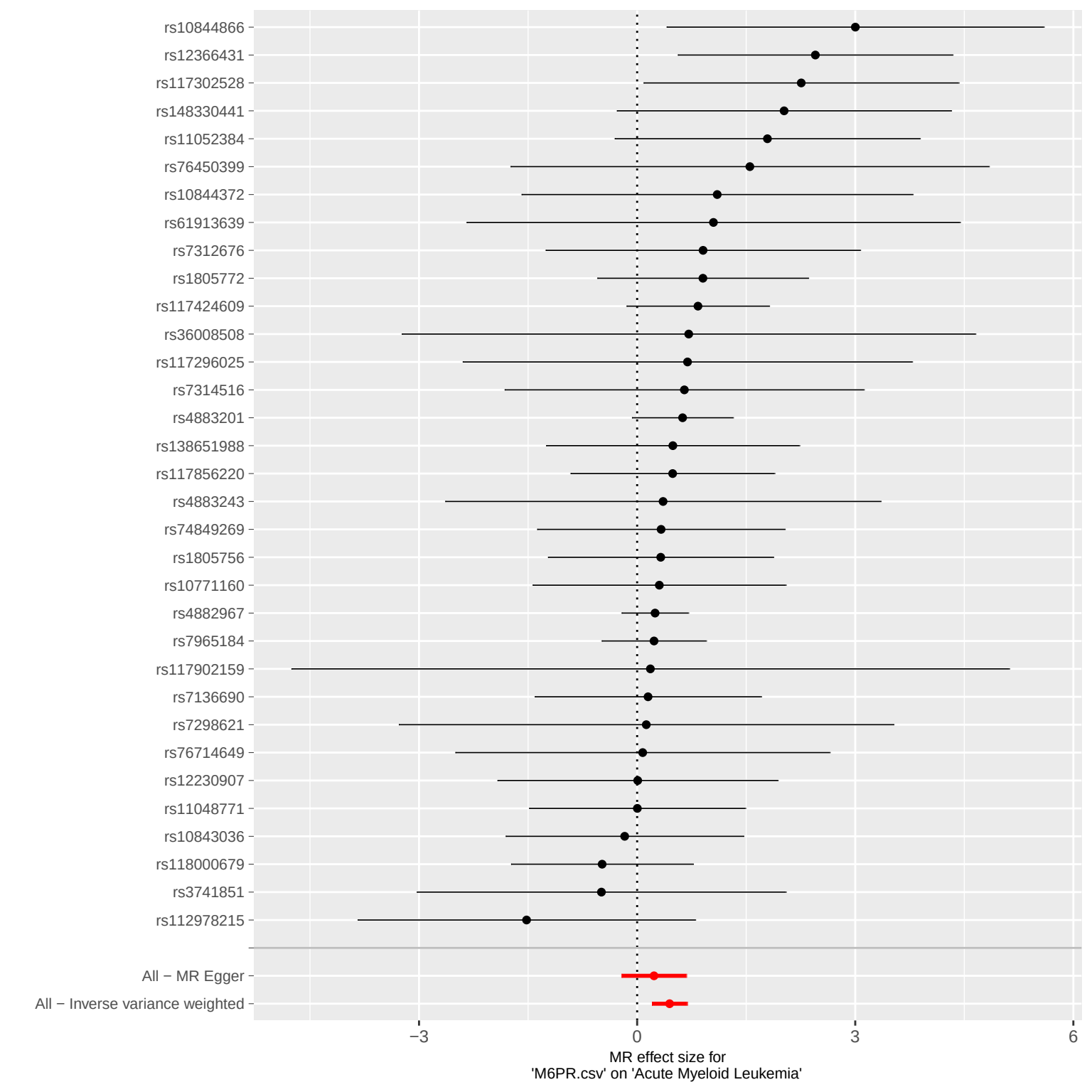
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'LY9.csv' on 'Acute Myeloid Leukemia'


rs57623198
rs4560777
rs1511724
rs17809476
rs4738393
rs7005901
rs10091244
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'LYN.csv' on 'Acute Myeloid Leukemia'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rs117856220
rs4883243
rs74849269
rs1805756
rs10771160
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rs7965184
rs117902159
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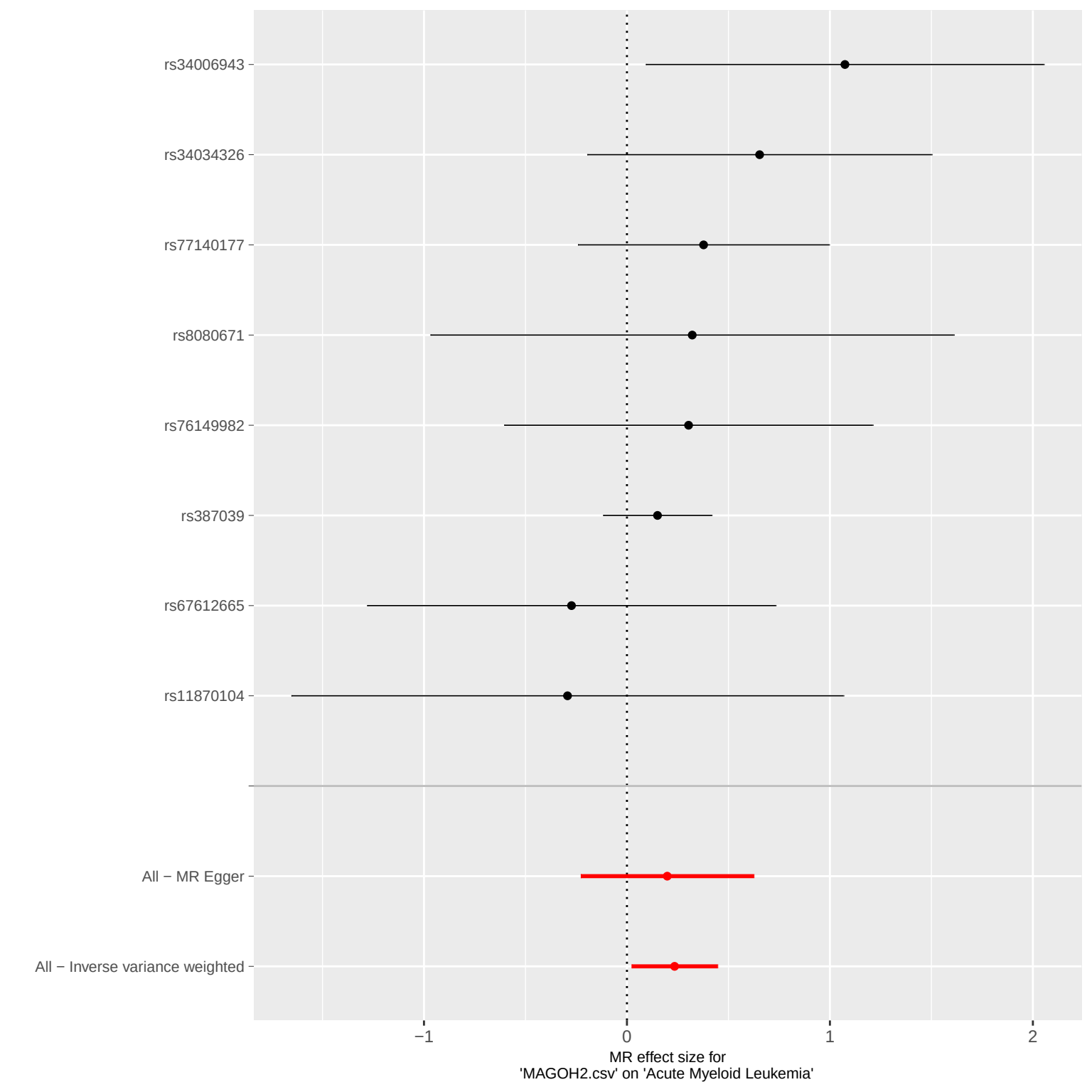
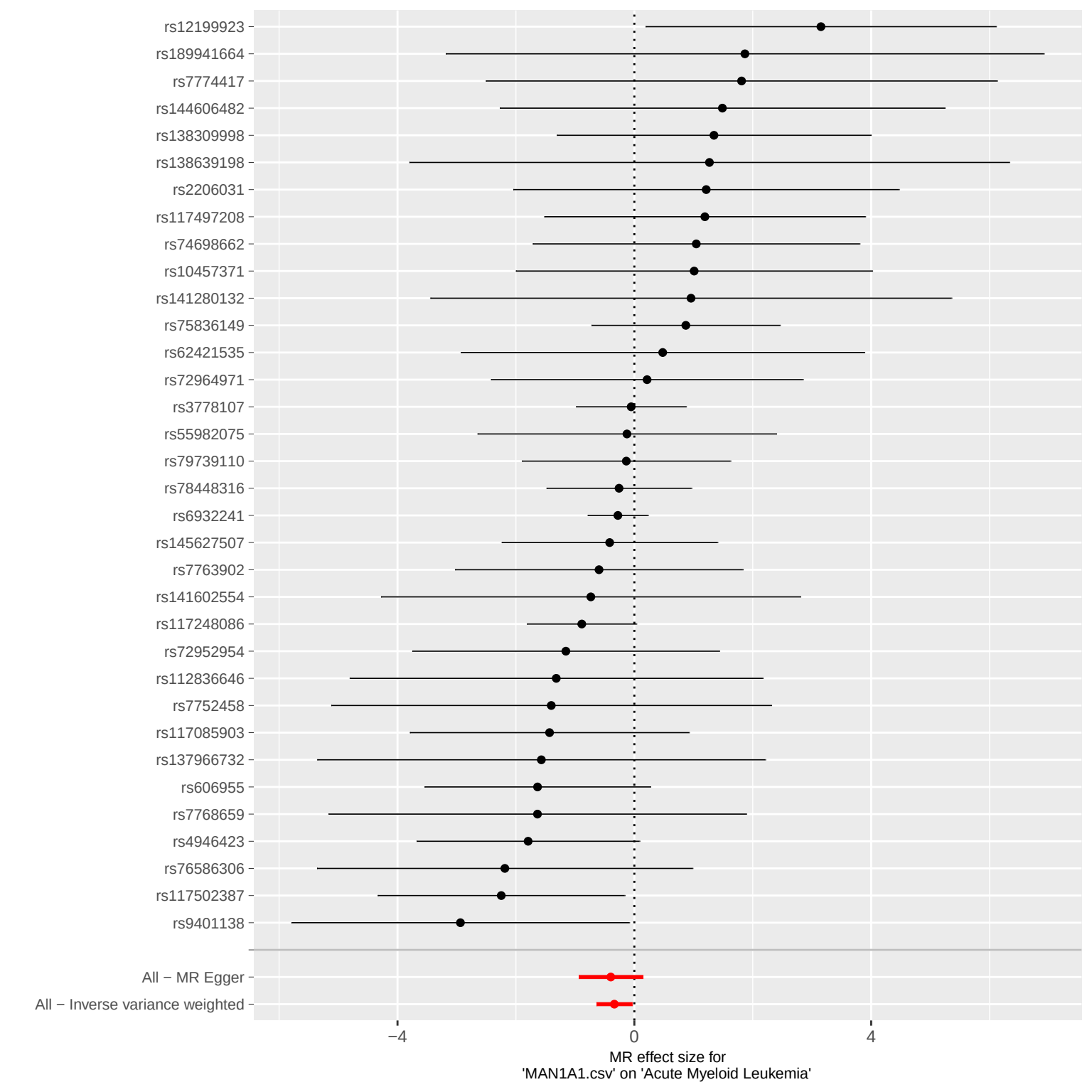
rs76714649
rs12230907
rs11048771
rs10843036
rs118000679
rs3741851
rs112978215
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'M6PR.csv' on 'Acute Myeloid Leukemia'


rs34006943
rs34034326
rs77140177
rs8080671
rs76149982
rs387039
rs67612665
rs11870104
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'MAGOH2.csv' on 'Acute Myeloid Leukemia'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rs75836149
rs62421535
rs72964971
rs3778107
rs55982075
rs79739110
rs78448316
rs6932241
rs145627507
rs7763902
rs141602554
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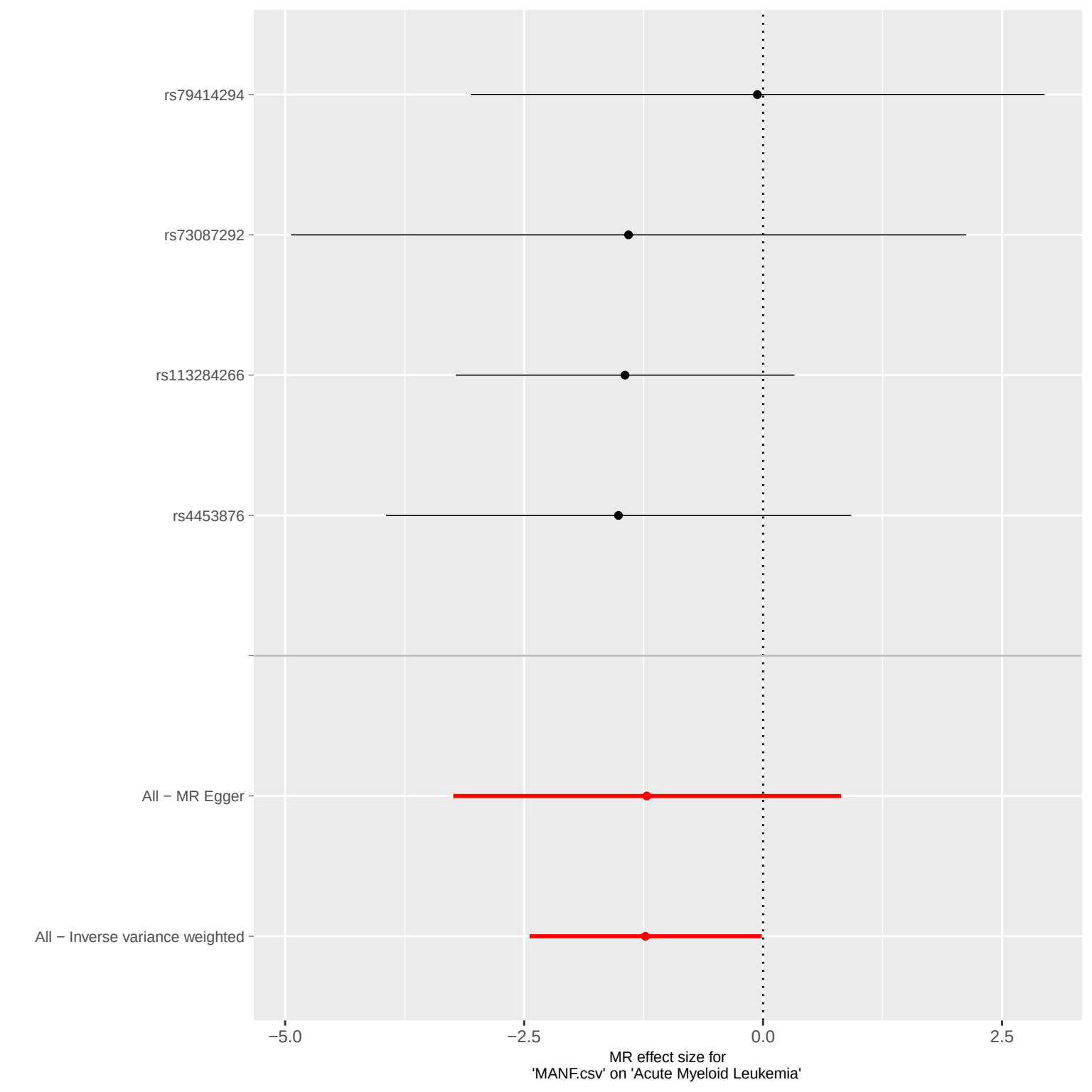
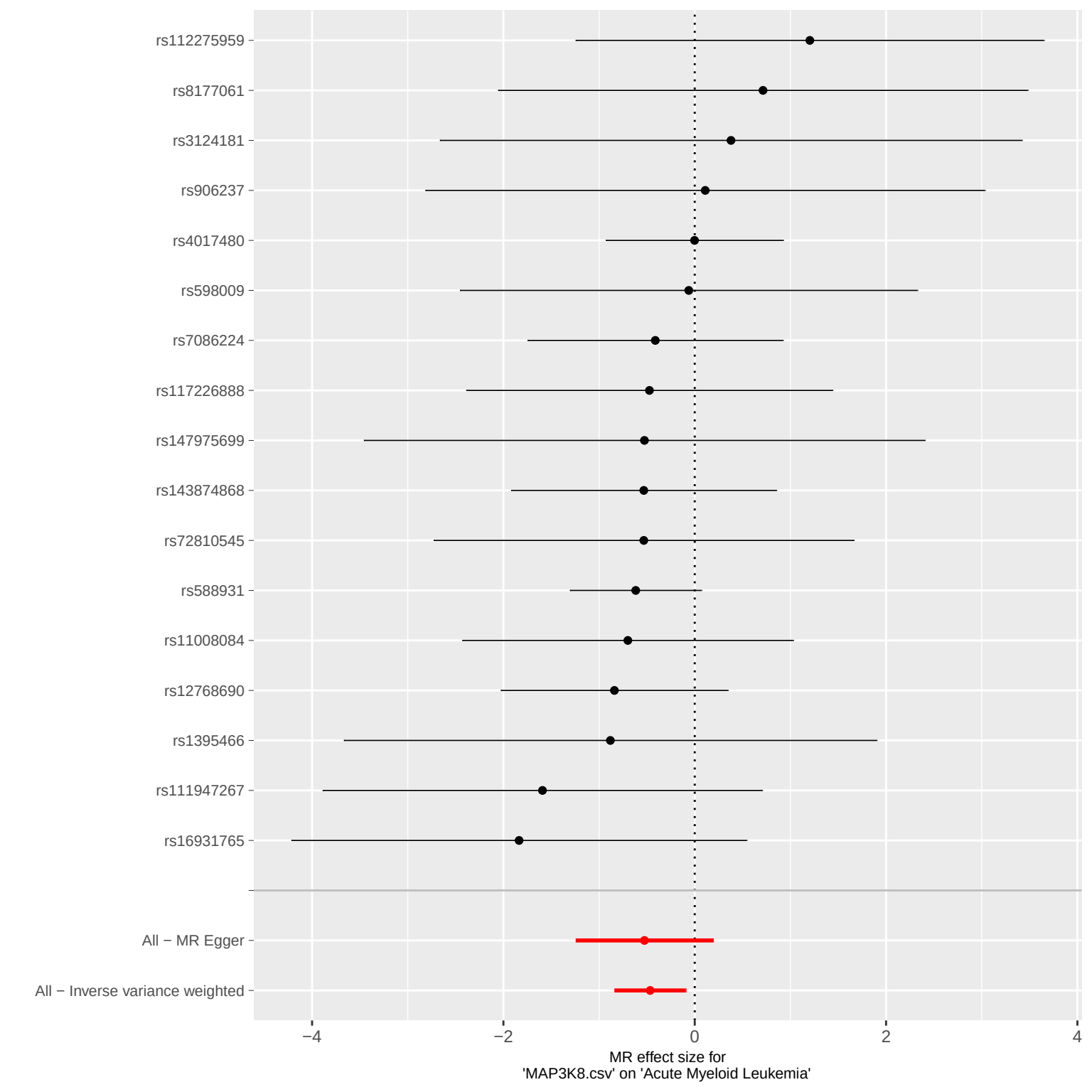
rs7752458
rs117085903
rs137966732
rs606955
rs7768659
rs4946423
rs76586306
rs117502387
rs9401138
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'MAN1A1.csv' on 'Acute Myeloid Leukemia'


rs79414294
rs73087292
rs113284266
rs4453876
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MANF.csv' on 'Acute Myeloid Leukemia'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rs3124181
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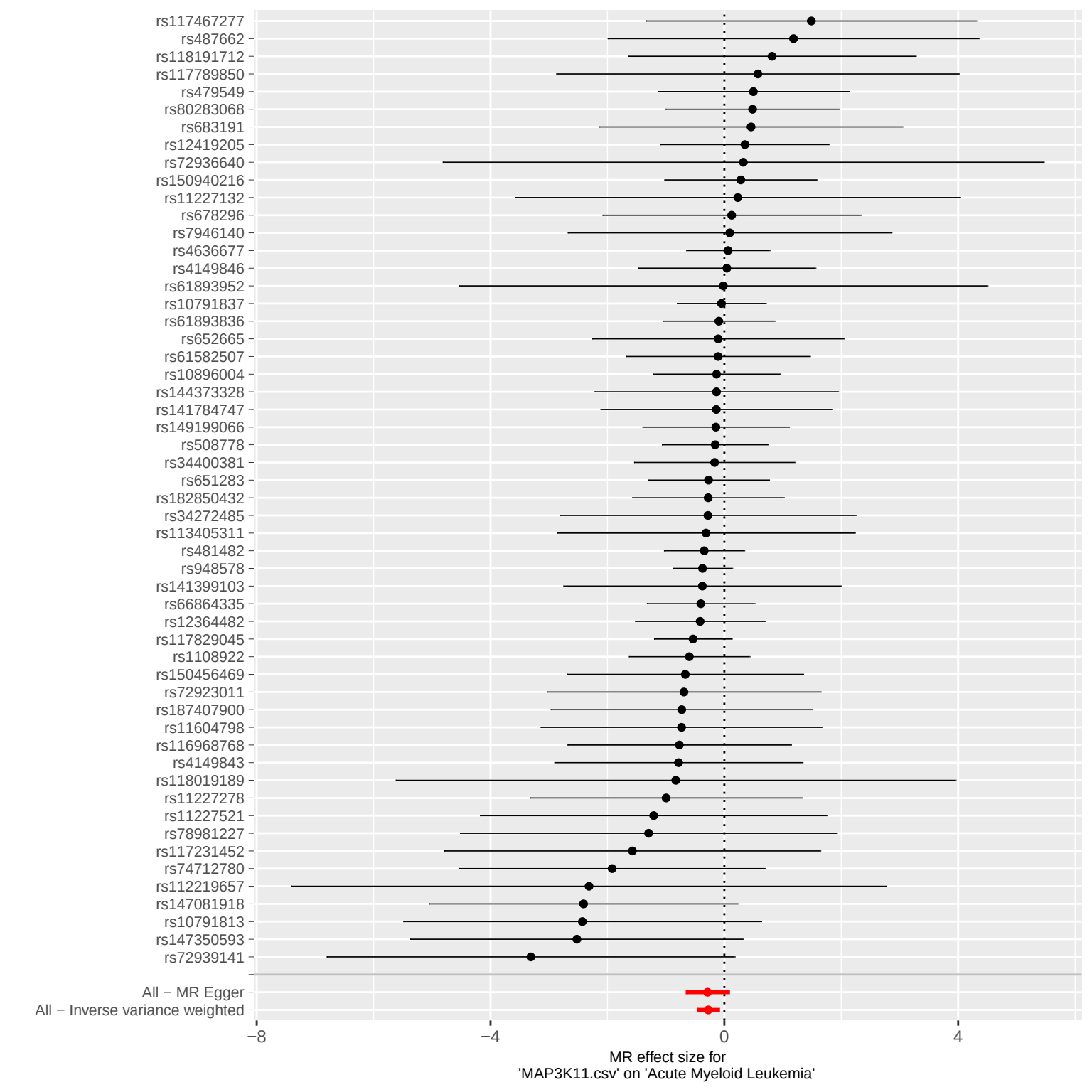
rs598009
rs7086224
rs117226888
rs147975699
rs143874868
rs72810545
rs588931
rs11008084
rs12768690
rs1395466
rs111947267
rs16931765
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'MAP3K8.csv' on 'Acute Myeloid Leukemia'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rs487662
rs118191712
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rs479549
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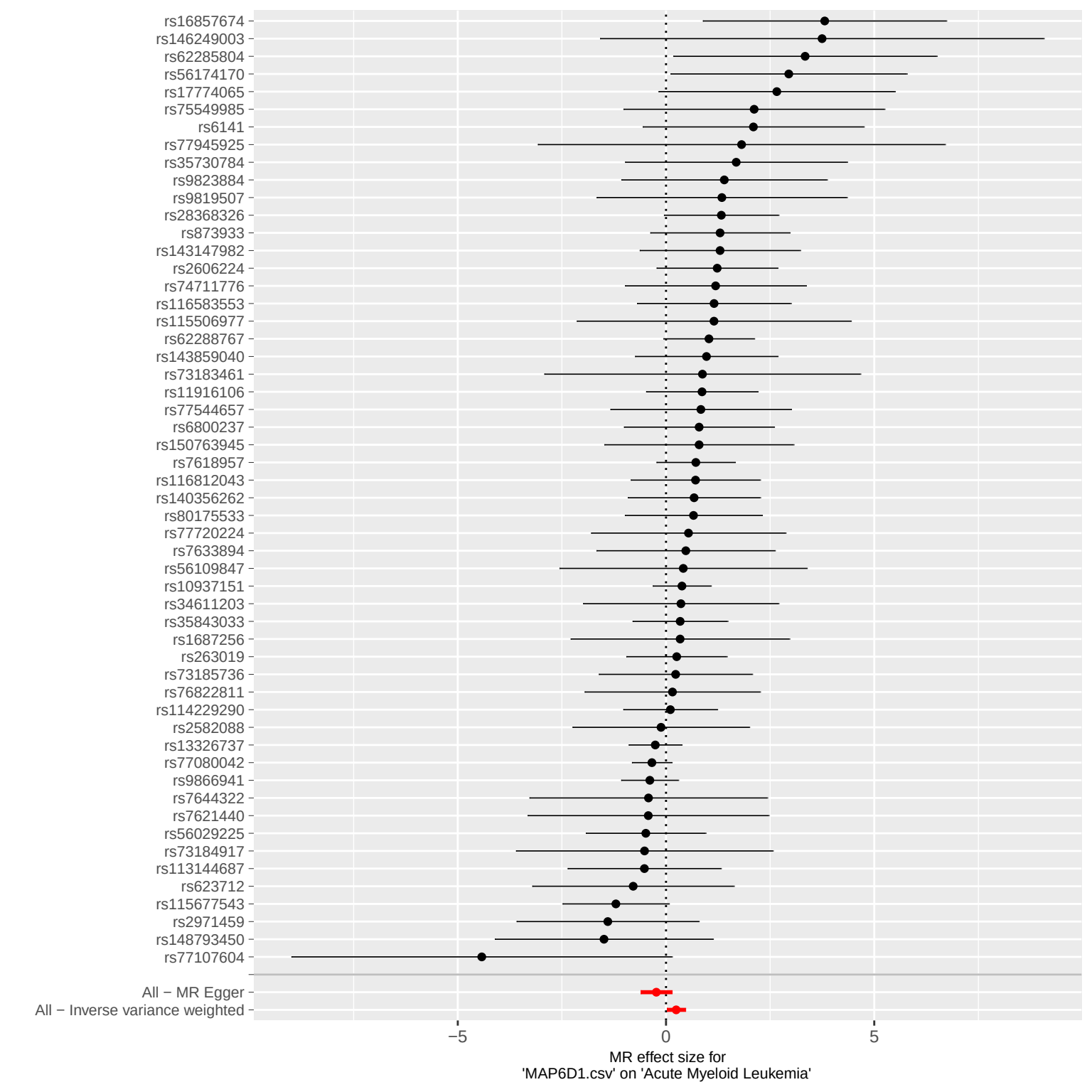
rs678296
rs7946140
rs4636677
rs4149846
rs61893952
rs10791837
rs61893836
rs652665
rs61582507
rs10896004
rs144373328
rs141784747
rs149199066
rs508778
rs34400381
rs651283
rs182850432
rs34272485
rs113405311
rs481482
rs948578
rs141399103
rs66864335
rs12364482
rs117829045
rs1108922
rs150456469
rs72923011
rs187407900
rs11604798
rs116968768
rs4149843
rs118019189
rs11227278
rs11227521
rs78981227
rs117231452
rs74712780
rs112219657
rs147081918
rs10791813
rs147350593
rs72939141
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MAP3K11.csv' on 'Acute Myeloid Leukemia'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rs28368326
rs873933
rs143147982
rs2606224
rs74711776
rs116583553
rs115506977
rs62288767
rs143859040
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rs6800237
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rs7618957
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rs80175533
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rs10937151
rs34611203
rs35843033
rs1687256
rs263019
rs73185736
rs76822811
rs114229290
rs2582088
rs13326737
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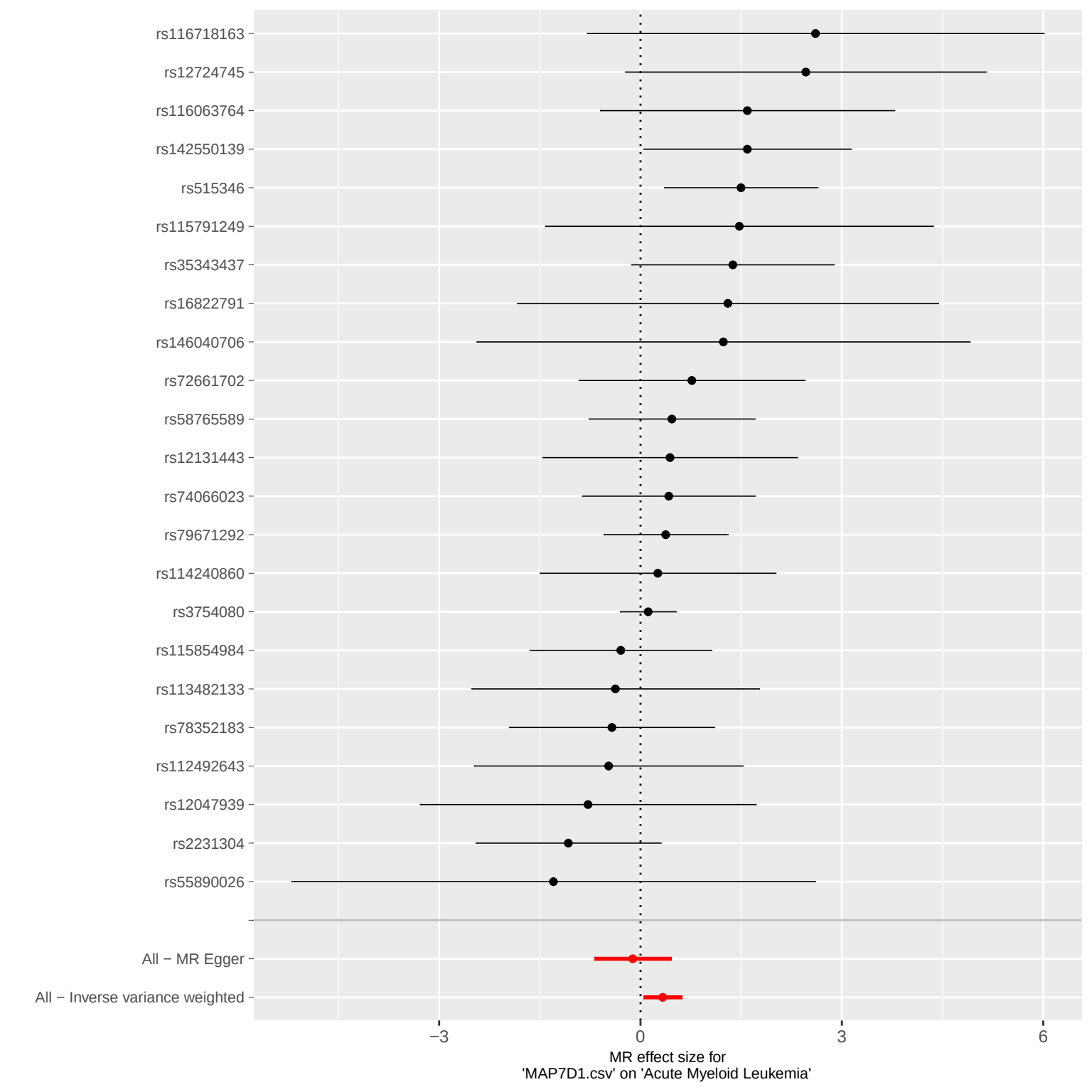
rs9866941
rs7644322
rs7621440
rs56029225
rs73184917
rs113144687
rs623712
rs115677543
rs2971459
rs148793450
rs77107604
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MAP6D1.csv' on 'Acute Myeloid Leukemia'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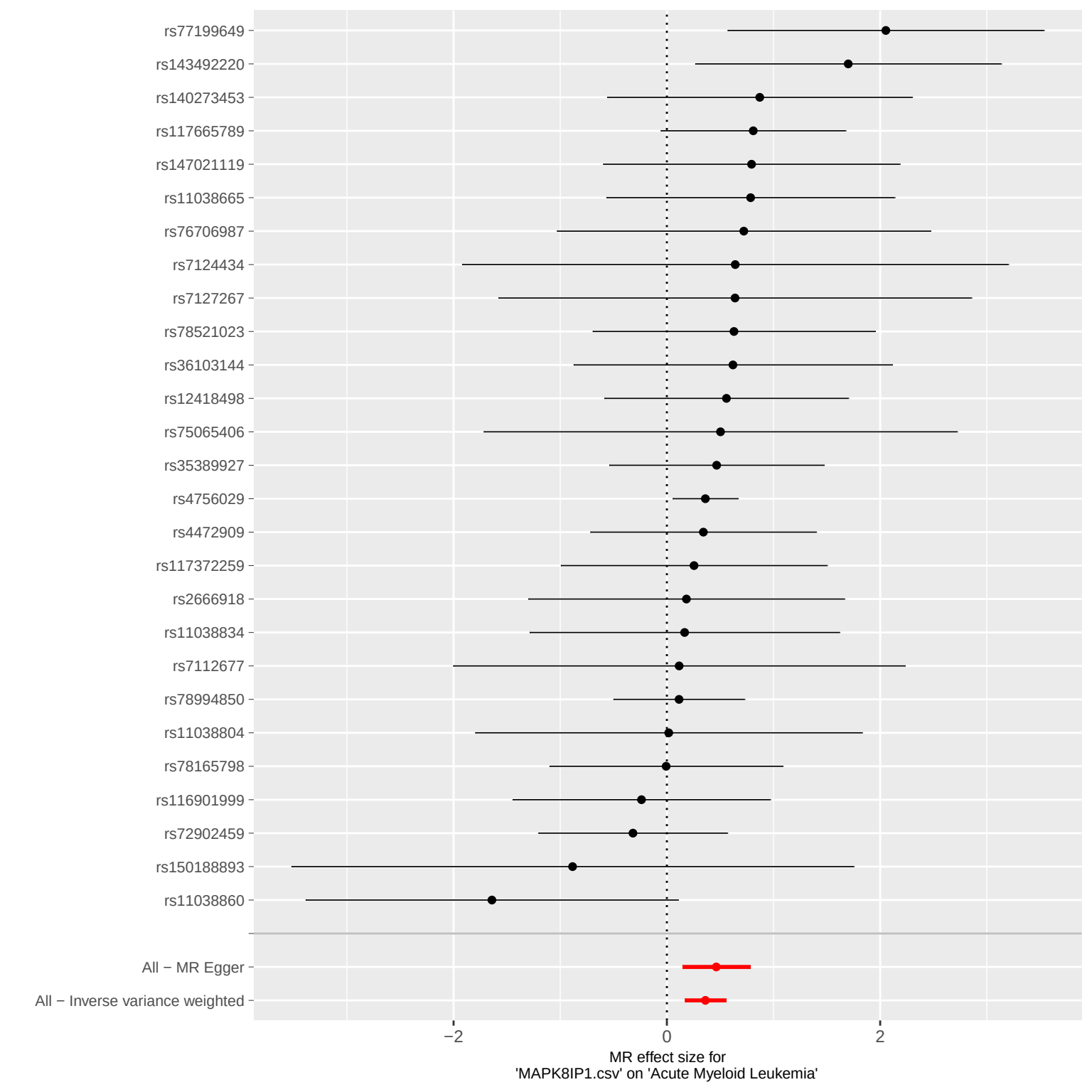
rs58765589
rs12131443
rs74066023
rs79671292
rs114240860
rs3754080
rs115854984
rs113482133
rs78352183
rs112492643
rs12047939
rs2231304
rs55890026
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'MAP7D1.csv' on 'Acute Myeloid Leukemia'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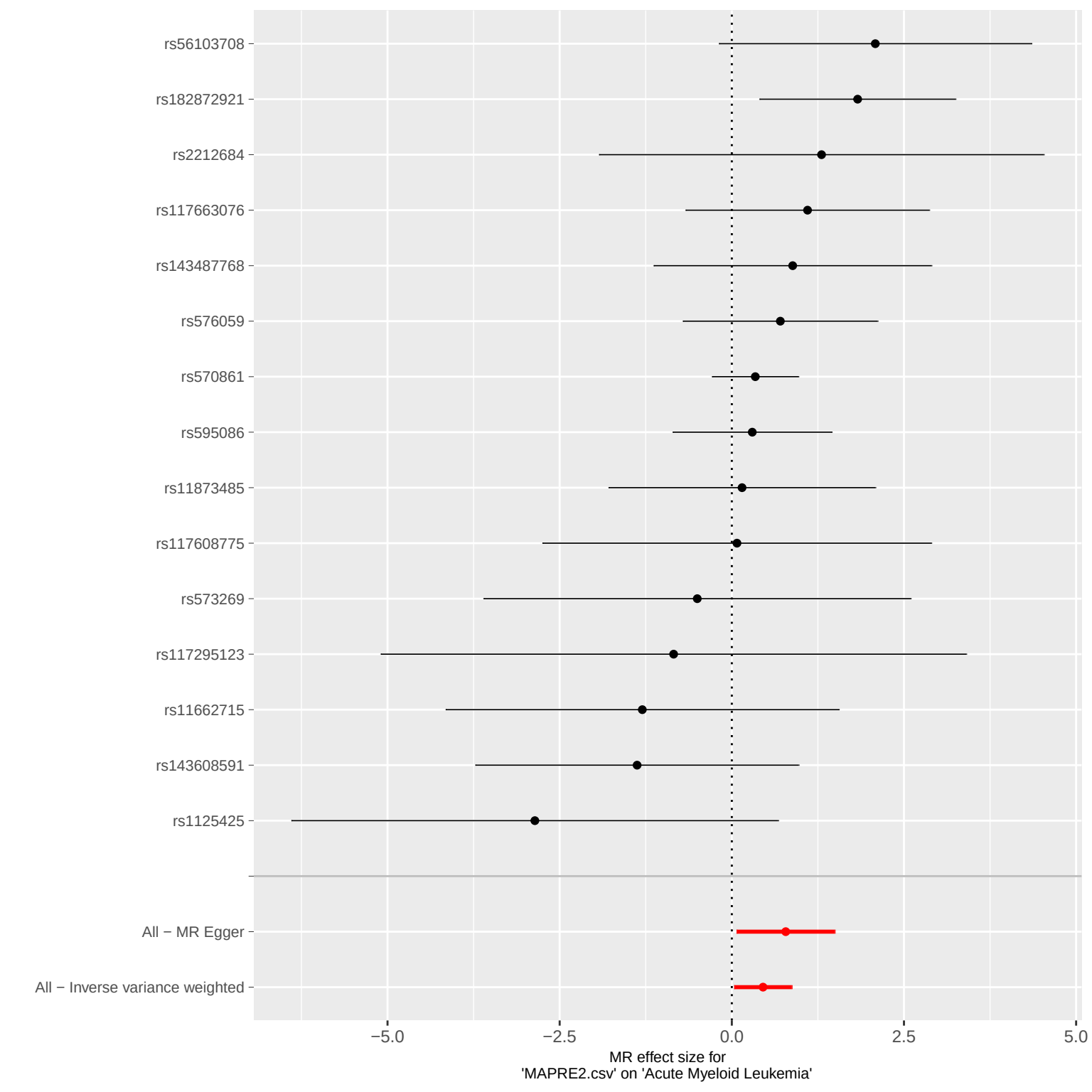
rs36103144
rs12418498
rs75065406
rs35389927
rs4756029
rs4472909
rs117372259
rs2666918
rs11038834
rs7112677
rs78994850
rs11038804
rs78165798
rs116901999
rs72902459
rs150188893
rs11038860
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'MAPK8IP1.csv' on 'Acute Myeloid Leukemia'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rs117663076
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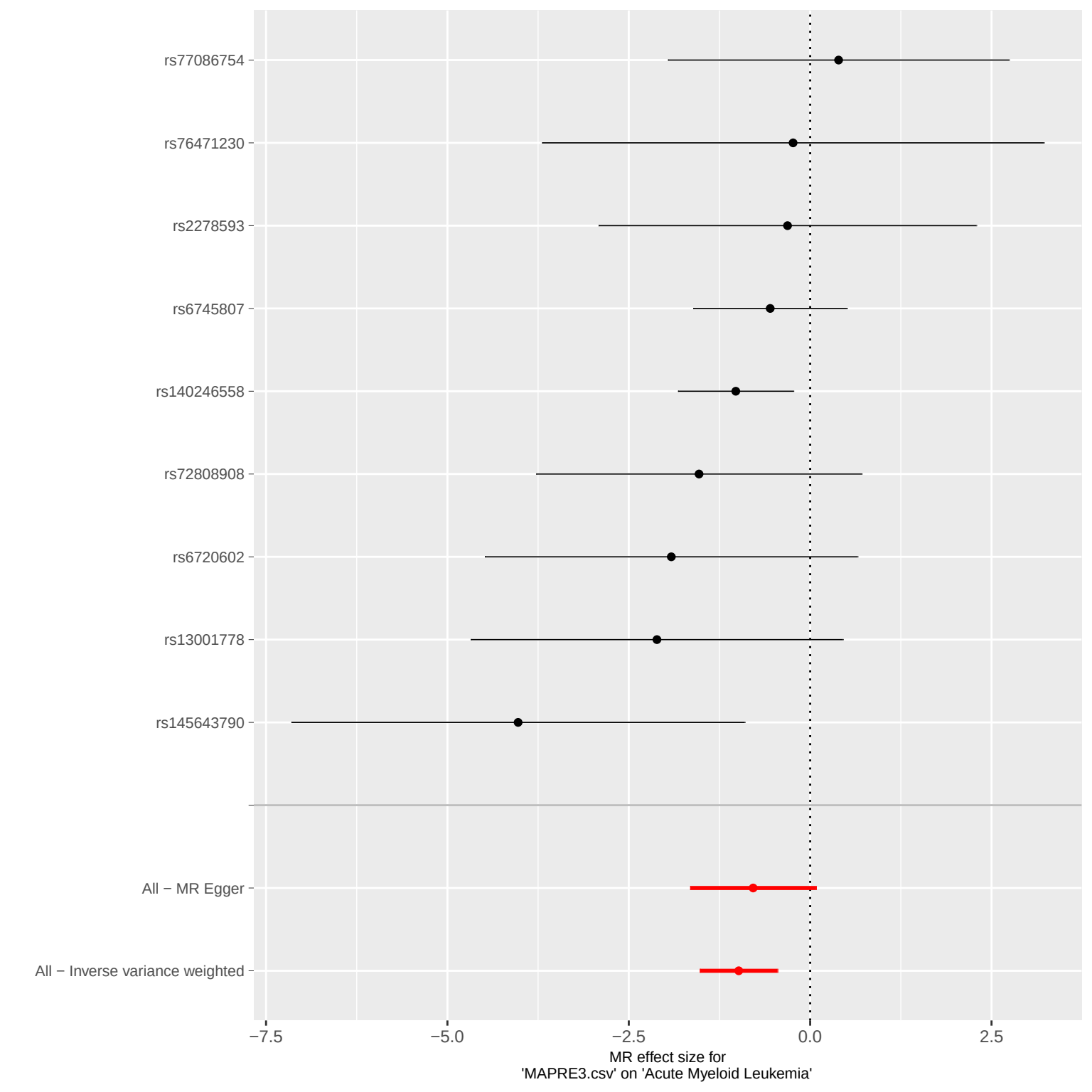
rs576059
rs570861
rs595086
rs11873485
rs117608775
rs573269
rs117295123
rs11662715
rs143608591
rs1125425
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'MAPRE2.csv' on 'Acute Myeloid Leukemia'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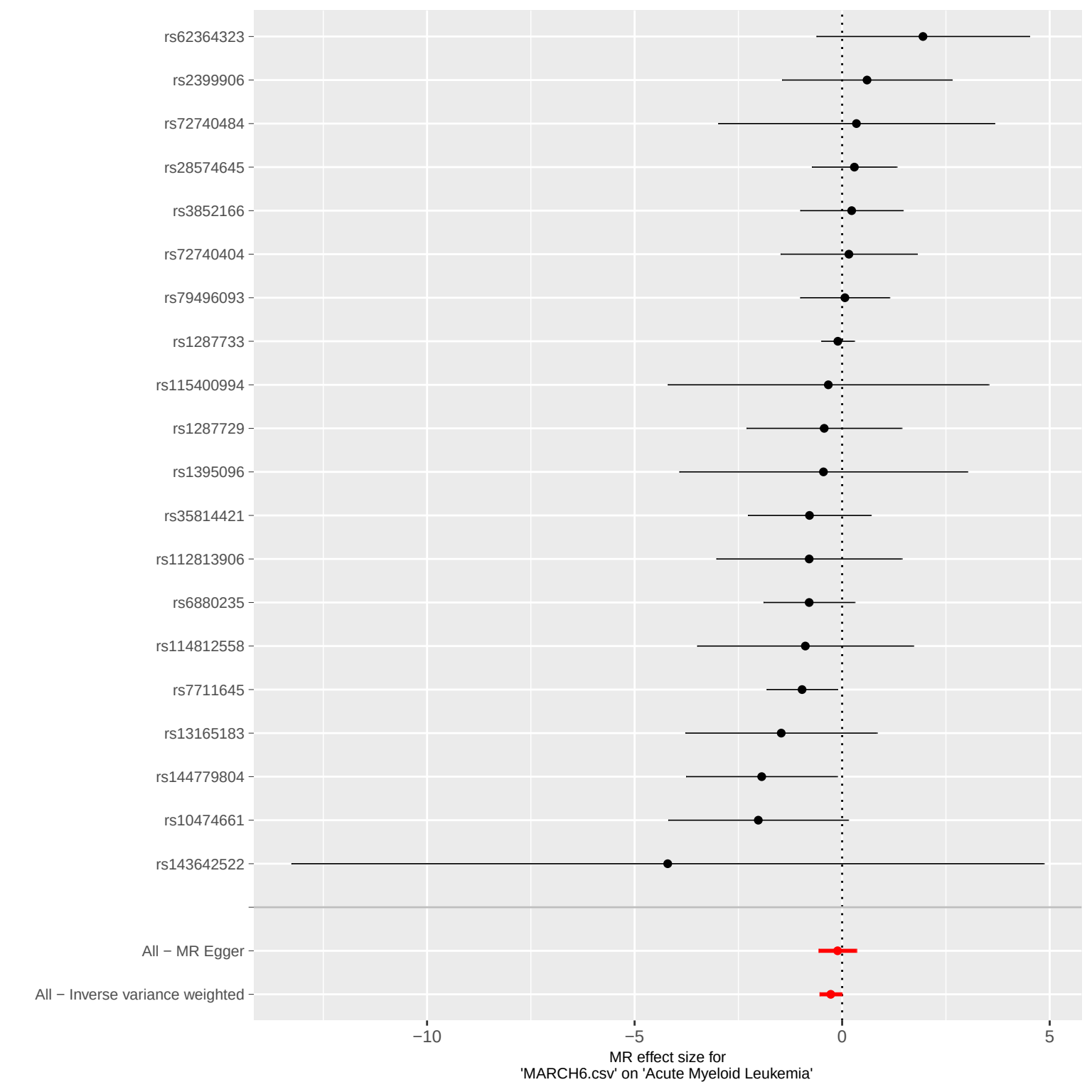
rs76471230
rs2278593
rs6745807
rs140246558
rs72808908
rs6720602
rs13001778
rs145643790
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'MAPRE3.csv' on 'Acute Myeloid Leukemia'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rs28574645
rs3852166
rs72740404
rs79496093
rs1287733
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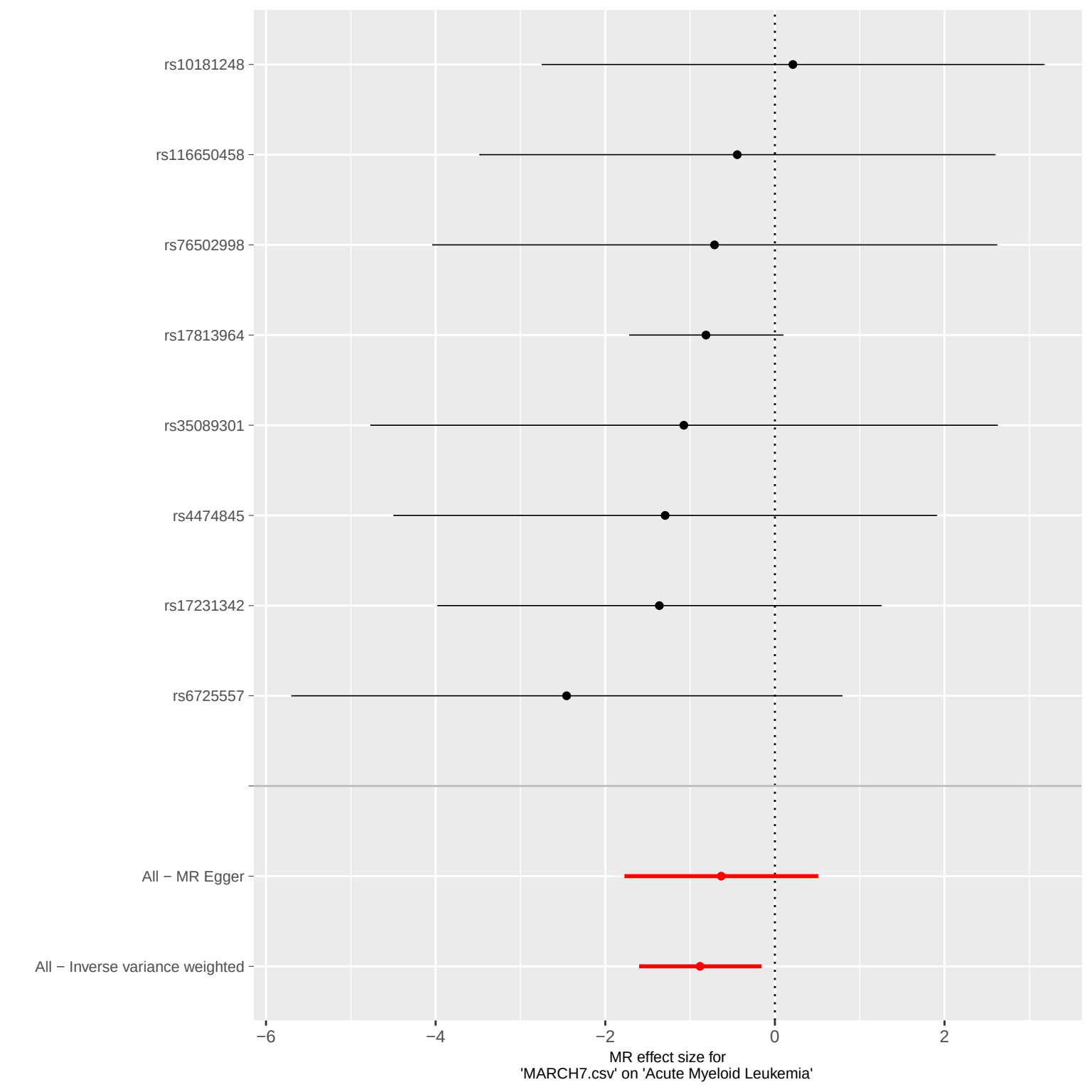
rs1395096
rs35814421
rs112813906
rs6880235
rs114812558
rs7711645
rs13165183
rs144779804
rs10474661
rs143642522
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'MARCH6.csv' on 'Acute Myeloid Leukemia'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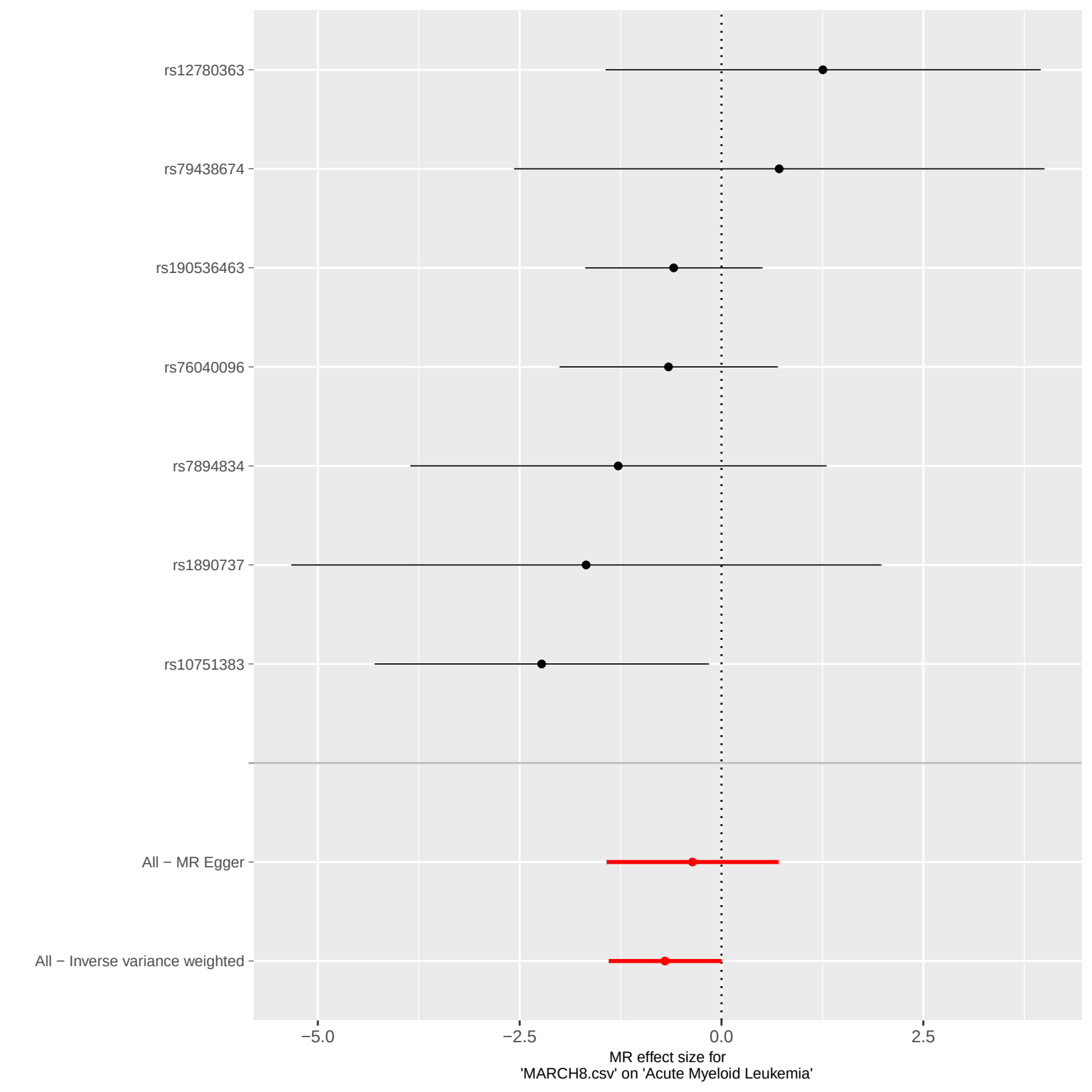
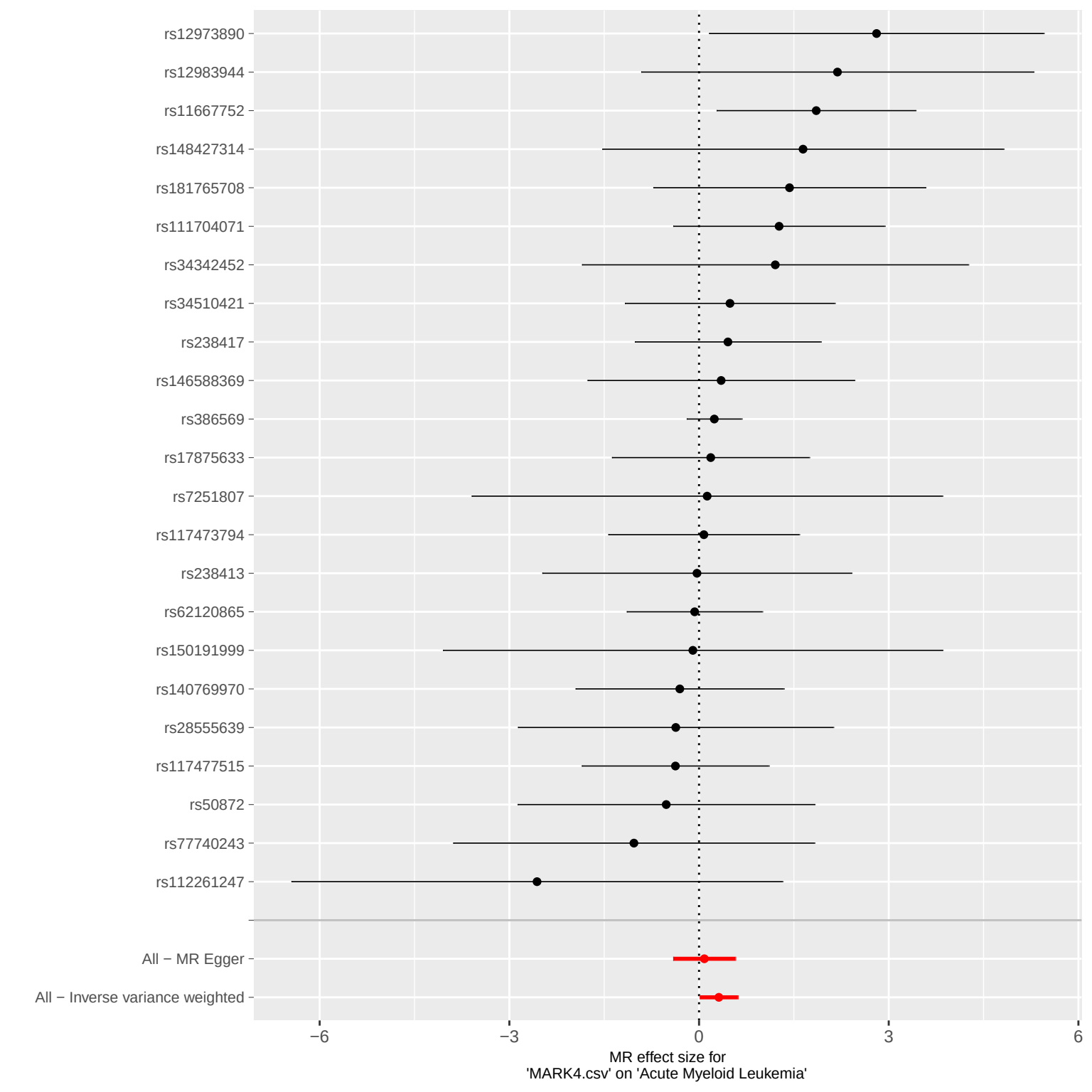
rs116650458
rs76502998
rs17813964
rs35089301
rs4474845
rs17231342
rs6725557
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'MARCH7.csv' on 'Acute Myeloid Leukemia'


rs12780363
rs79438674
rs190536463
rs76040096
rs7894834
rs1890737
rs10751383
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MARCH8.csv' on 'Acute Myeloid Leukemia'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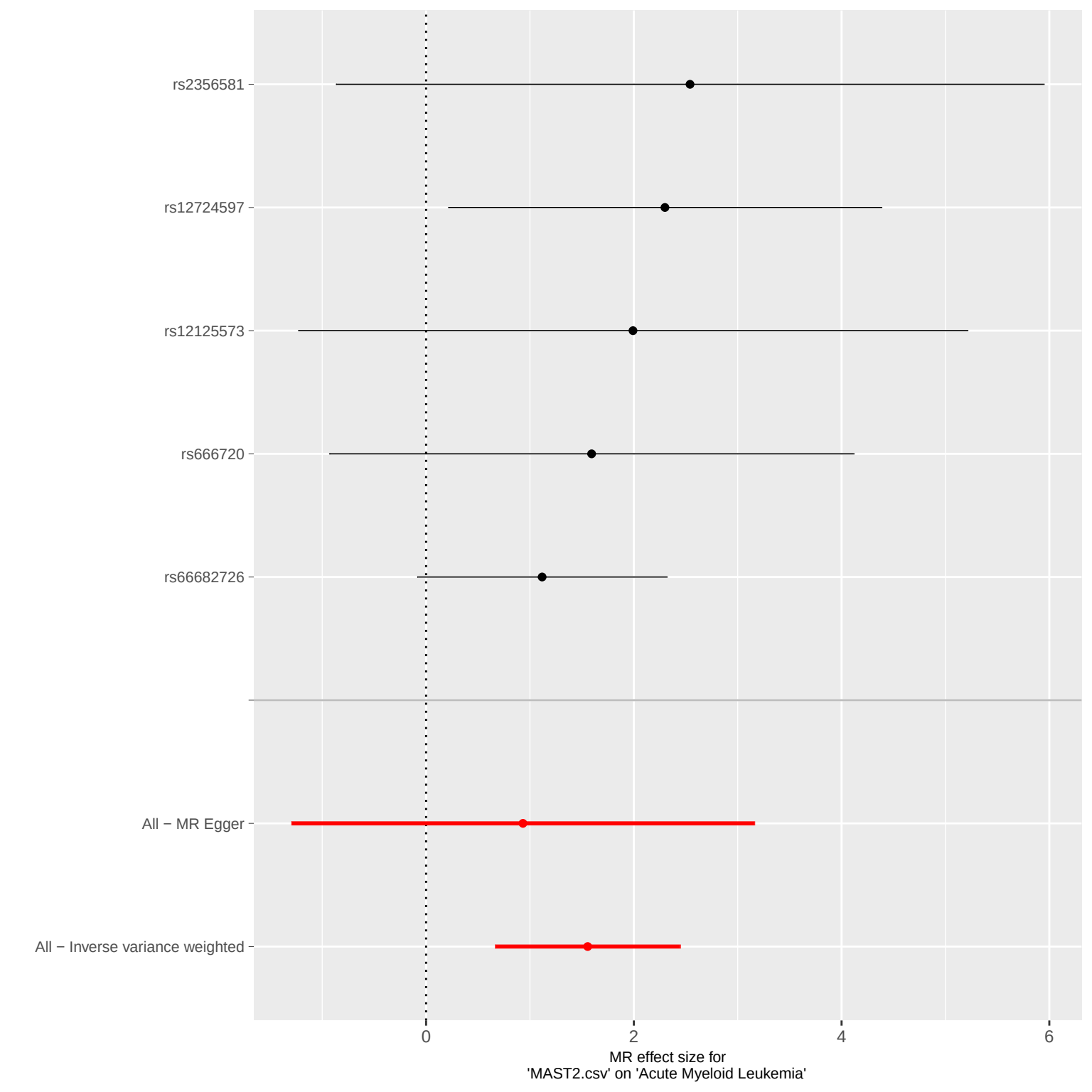
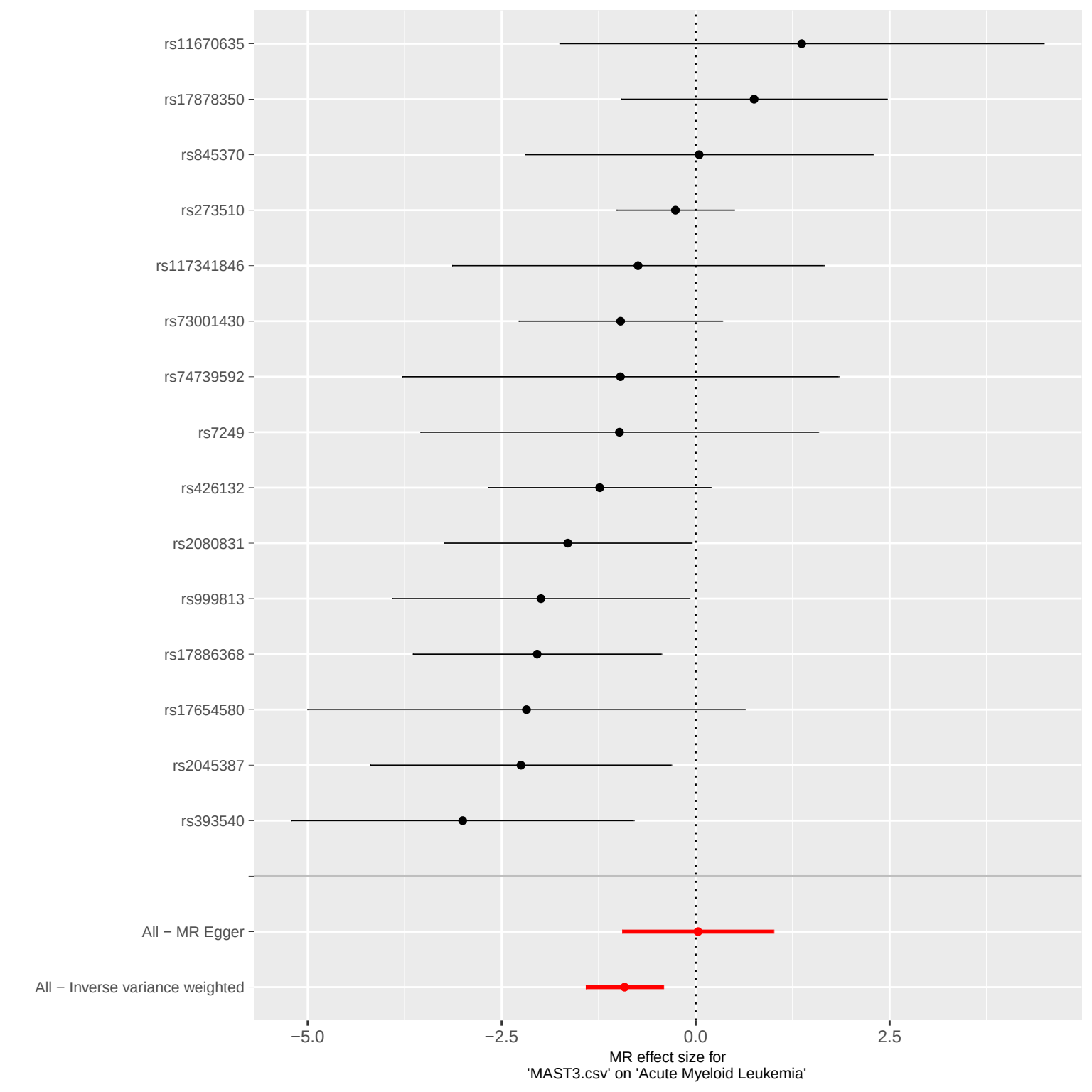
rs146588369
rs386569
rs17875633
rs7251807
rs117473794
rs238413
rs62120865
rs150191999
rs140769970
rs28555639
rs117477515
rs50872
rs77740243
rs112261247
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'MARK4.csv' on 'Acute Myeloid Leukemia'


rs2356581
rs12724597
rs12125573
rs666720
rs66682726
All − MR Egger
All − Inverse variance weighted
0
2
4
6
MR effect size for
'MAST2.csv' on 'Acute Myeloid Leukemia'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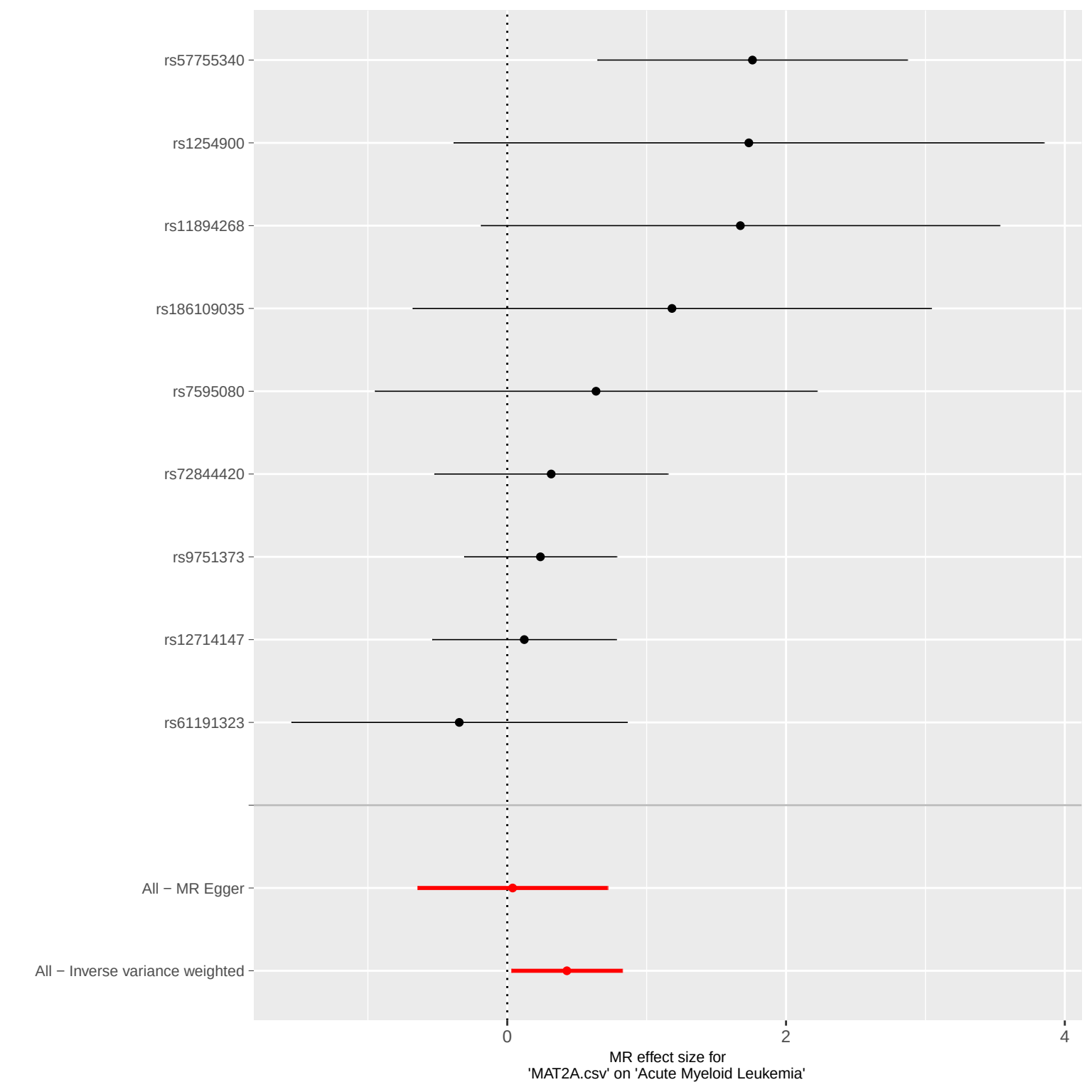
rs73001430
rs74739592
rs7249
rs426132
rs2080831
rs999813
rs17886368
rs17654580
rs2045387
rs393540
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MAST3.csv' on 'Acute Myeloid Leukemia'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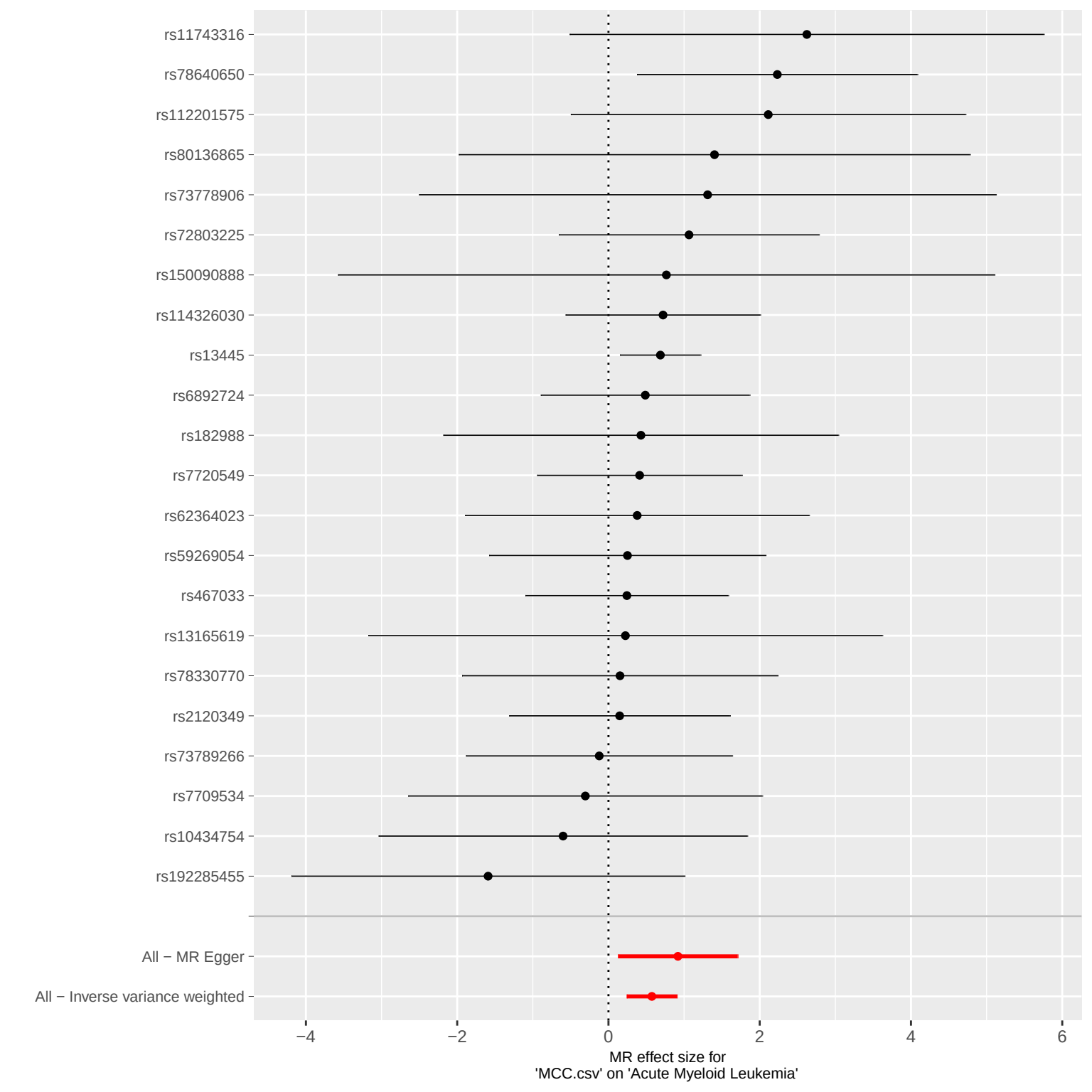
rs11894268
rs186109035
rs7595080
rs72844420
rs9751373
rs12714147
rs61191323
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'MAT2A.csv' on 'Acute Myeloid Leukemia'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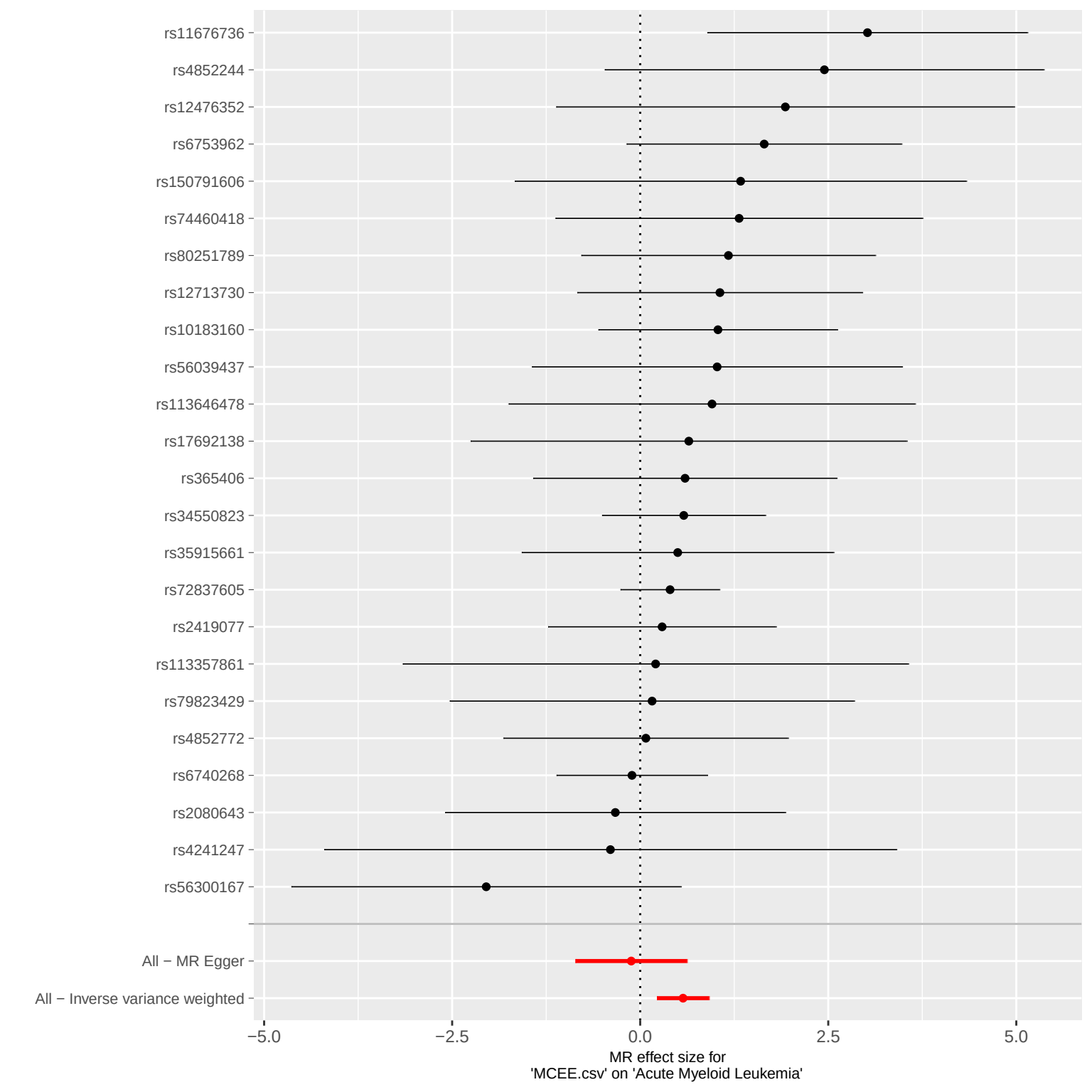
rs6892724
rs182988
rs7720549
rs62364023
rs59269054
rs467033
rs13165619
rs78330770
rs2120349
rs73789266
rs7709534
rs10434754
rs192285455
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'MCC.csv' on 'Acute Myeloid Leukemia'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rs35915661
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rs2419077
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rs79823429
rs4852772
rs6740268
rs2080643
rs4241247
rs56300167
All − MR Egger
All − Inverse variance weighted
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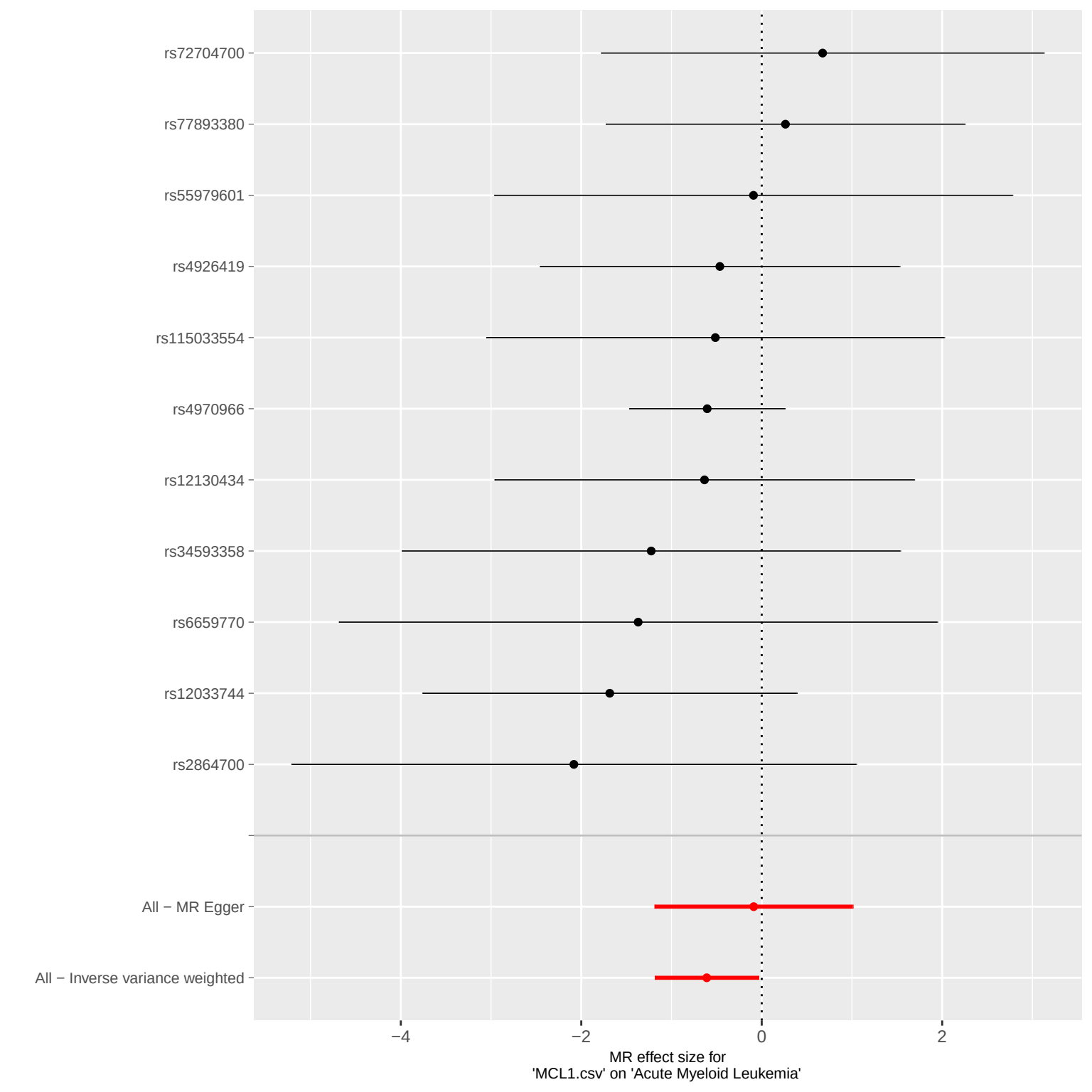
−2.5
0.0
2.5
5.0
MR effect size for
'MCEE.csv' on 'Acute Myeloid Leukemia'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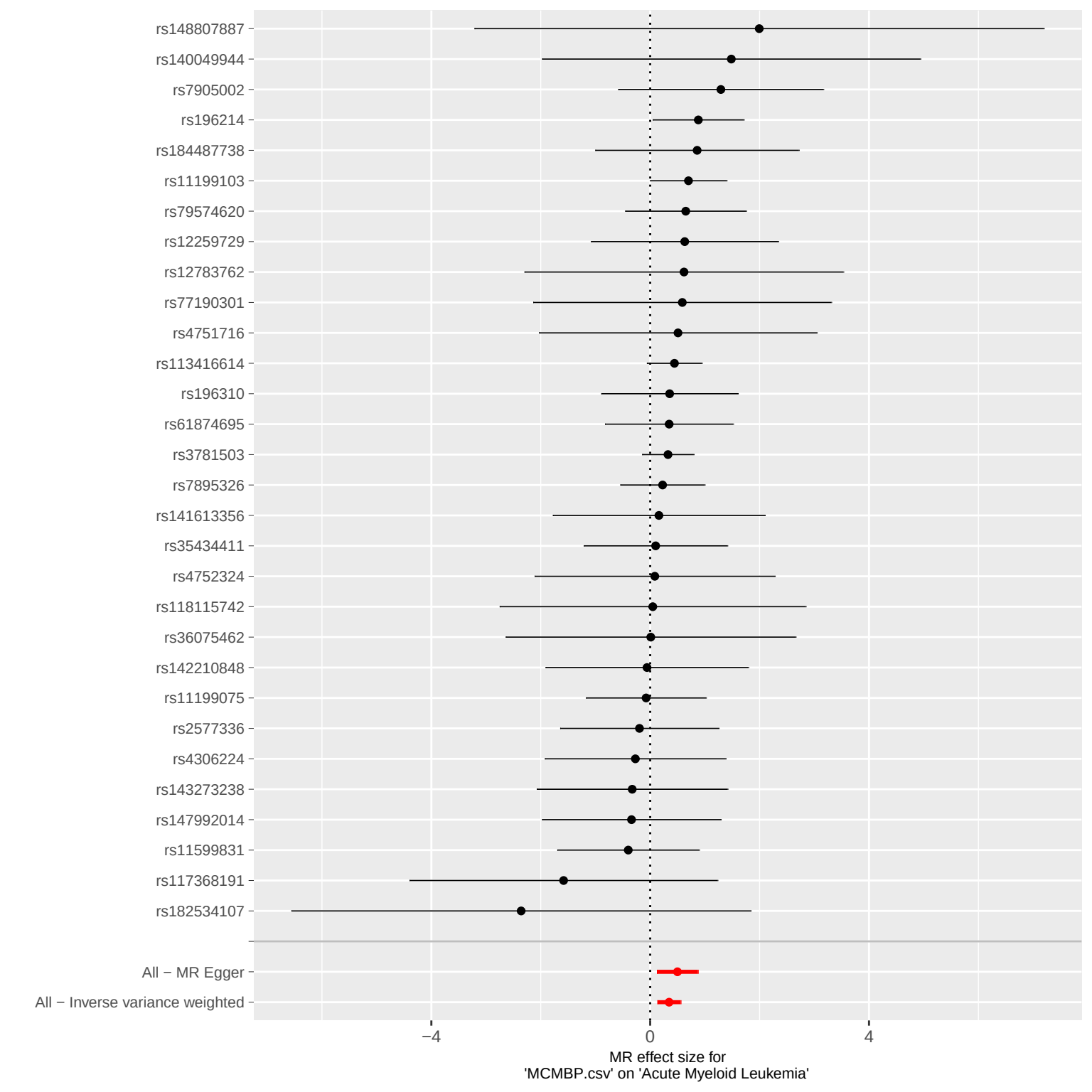
rs55979601
rs4926419
rs115033554
rs4970966
rs12130434
rs34593358
rs6659770
rs12033744
rs2864700
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MCL1.csv' on 'Acute Myeloid Leukemia'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rs142210848
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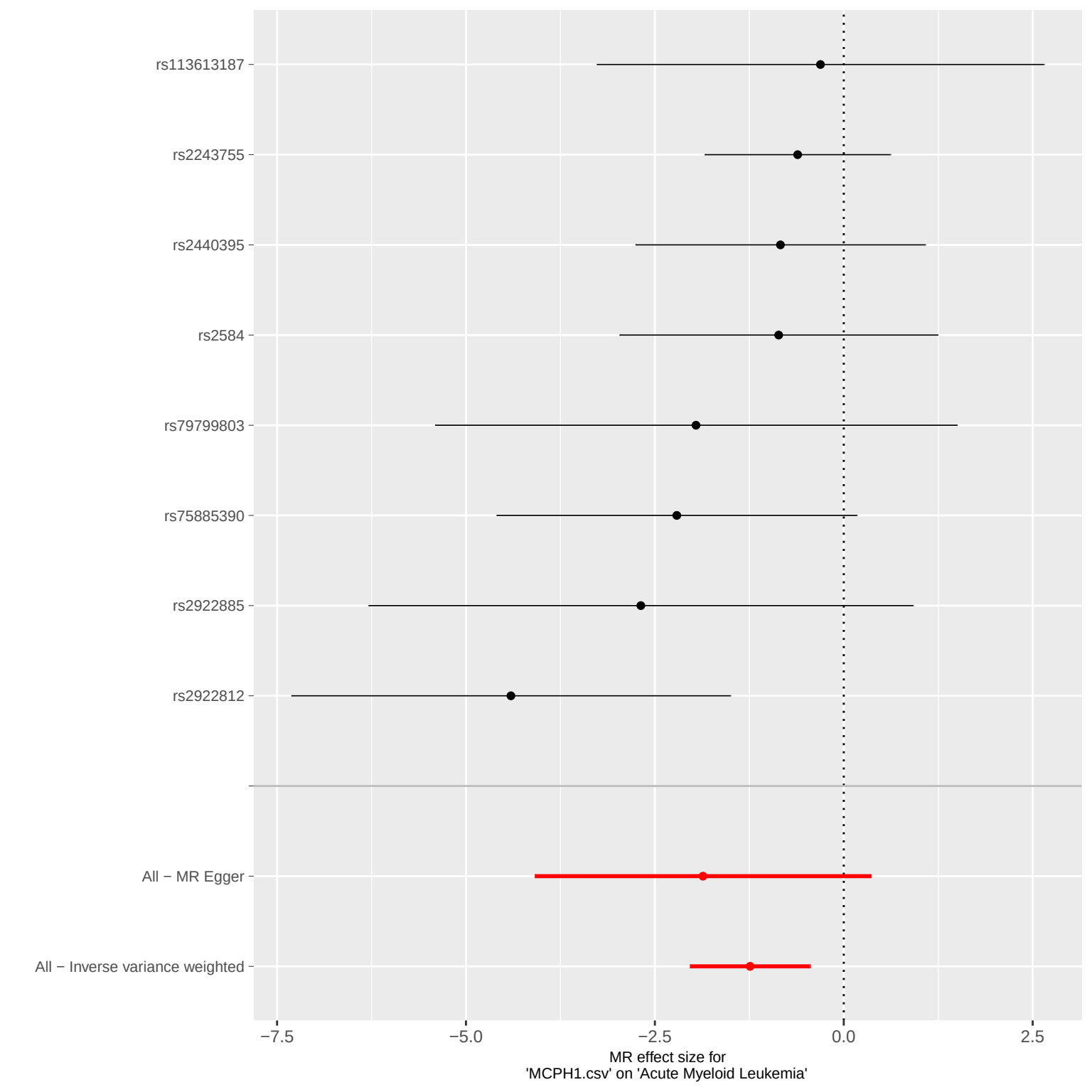
rs2577336
rs4306224
rs143273238
rs147992014
rs11599831
rs117368191
rs182534107
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'MCMBP.csv' on 'Acute Myeloid Leukemia'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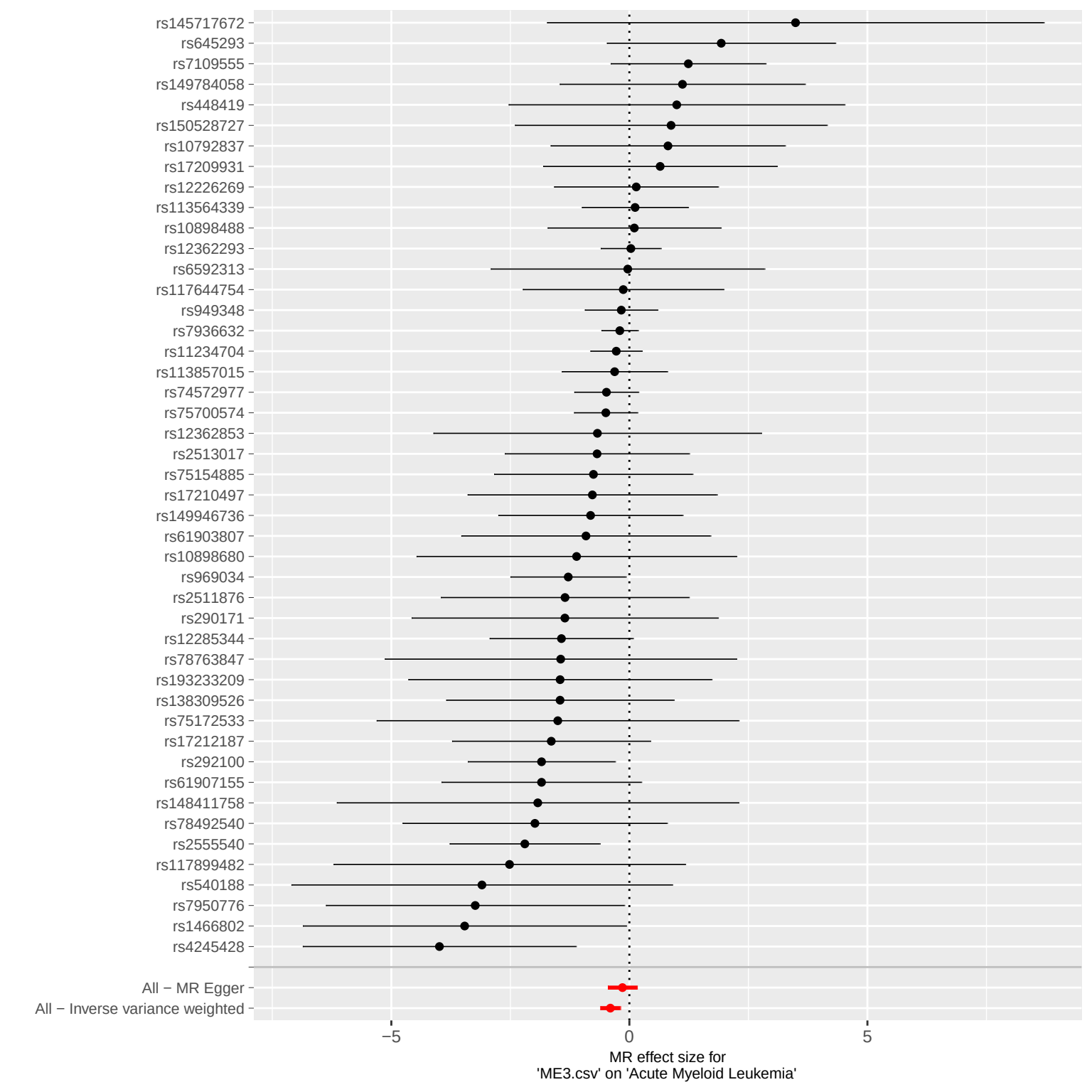
rs2243755
rs2440395
rs2584
rs79799803
rs75885390
rs2922885
rs2922812
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'MCPH1.csv' on 'Acute Myeloid Leukemia'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rs12362293
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rs117644754
rs949348
rs7936632
rs11234704
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rs74572977
rs75700574
rs12362853
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rs75154885
rs17210497
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rs61903807
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rs292100
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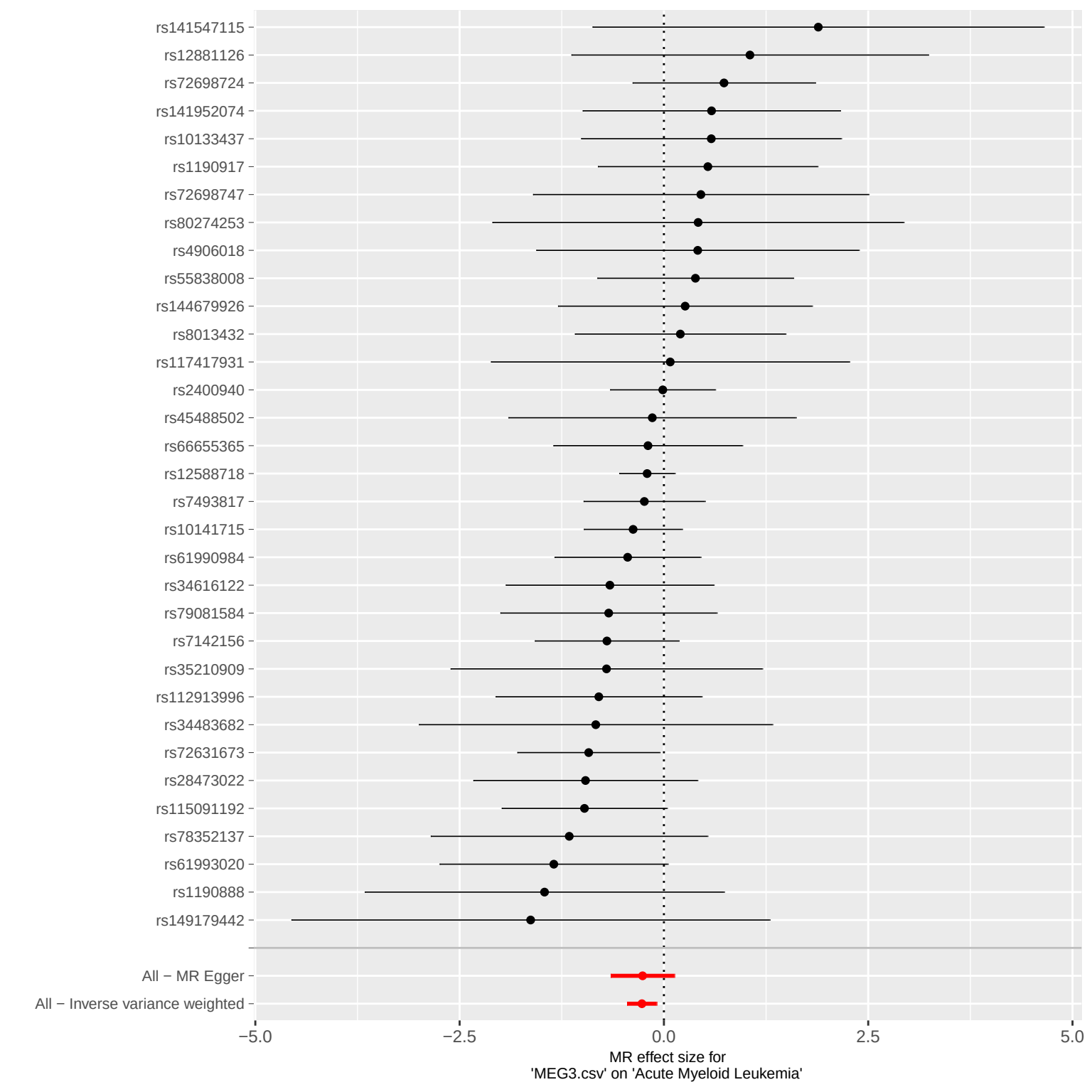
rs148411758
rs78492540
rs2555540
rs117899482
rs540188
rs7950776
rs1466802
rs4245428
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ME3.csv' on 'Acute Myeloid Leukemia'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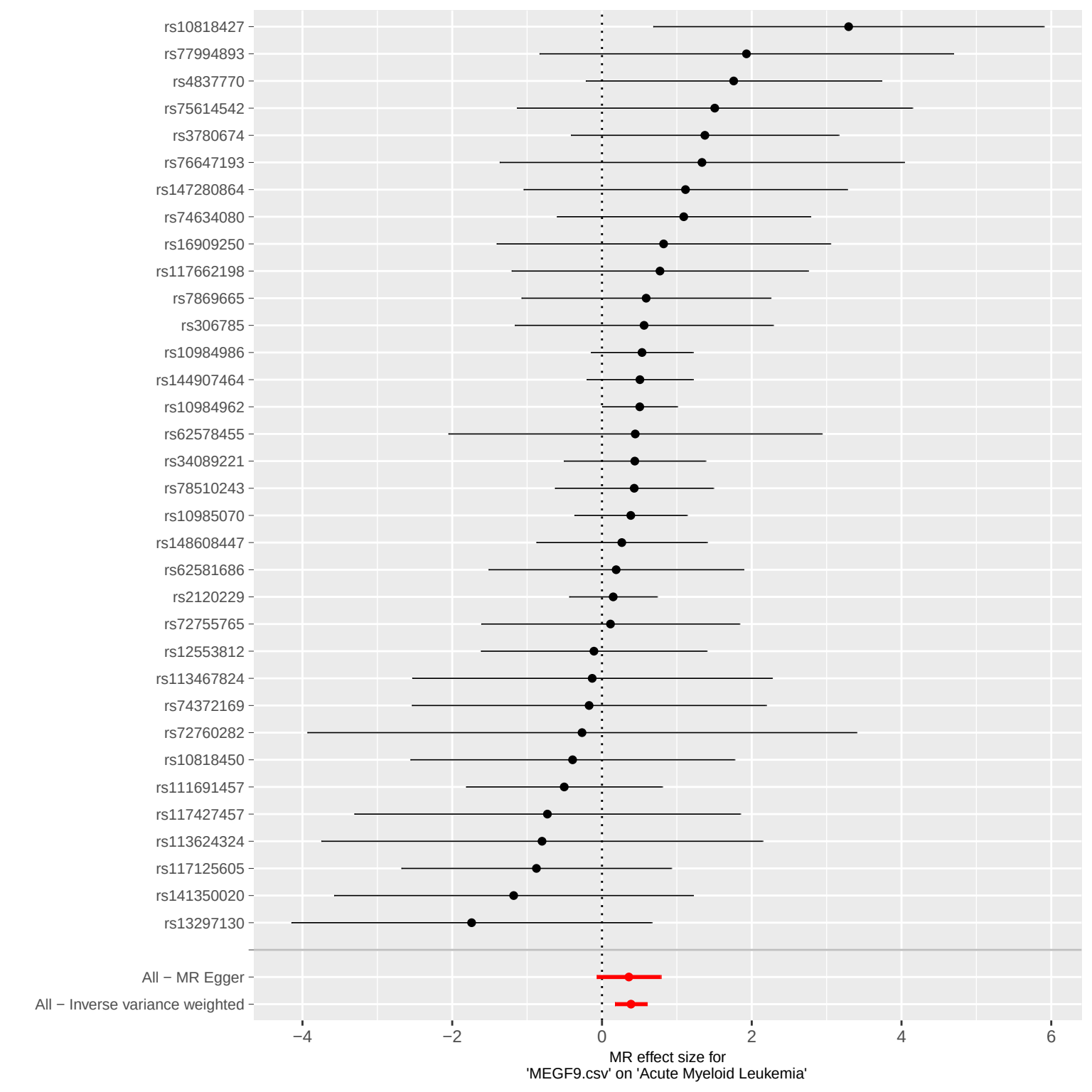
rs112913996
rs34483682
rs72631673
rs28473022
rs115091192
rs78352137
rs61993020
rs1190888
rs149179442
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'MEG3.csv' on 'Acute Myeloid Leukemia'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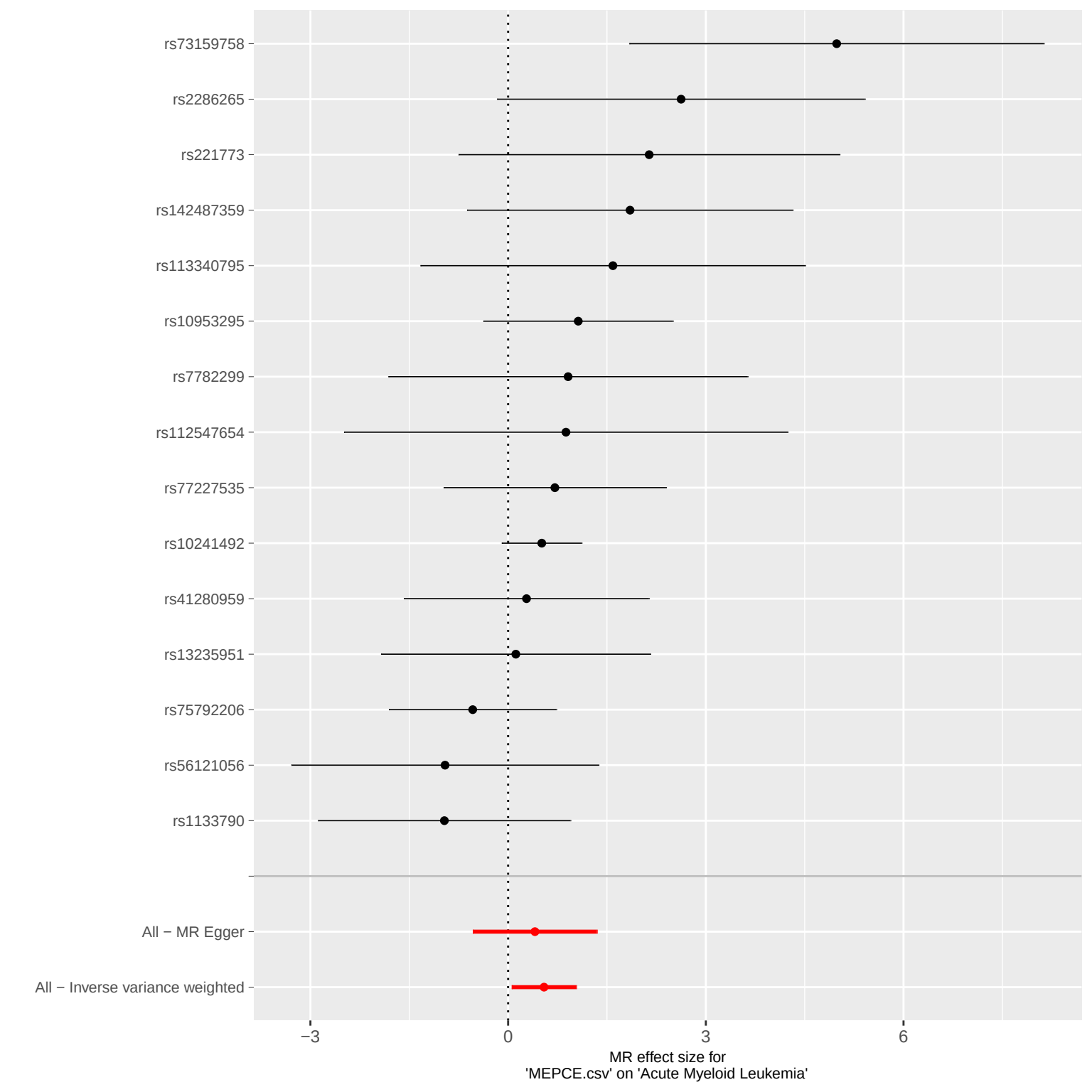
rs74372169
rs72760282
rs10818450
rs111691457
rs117427457
rs113624324
rs117125605
rs141350020
rs13297130
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'MEGF9.csv' on 'Acute Myeloid Leukemia'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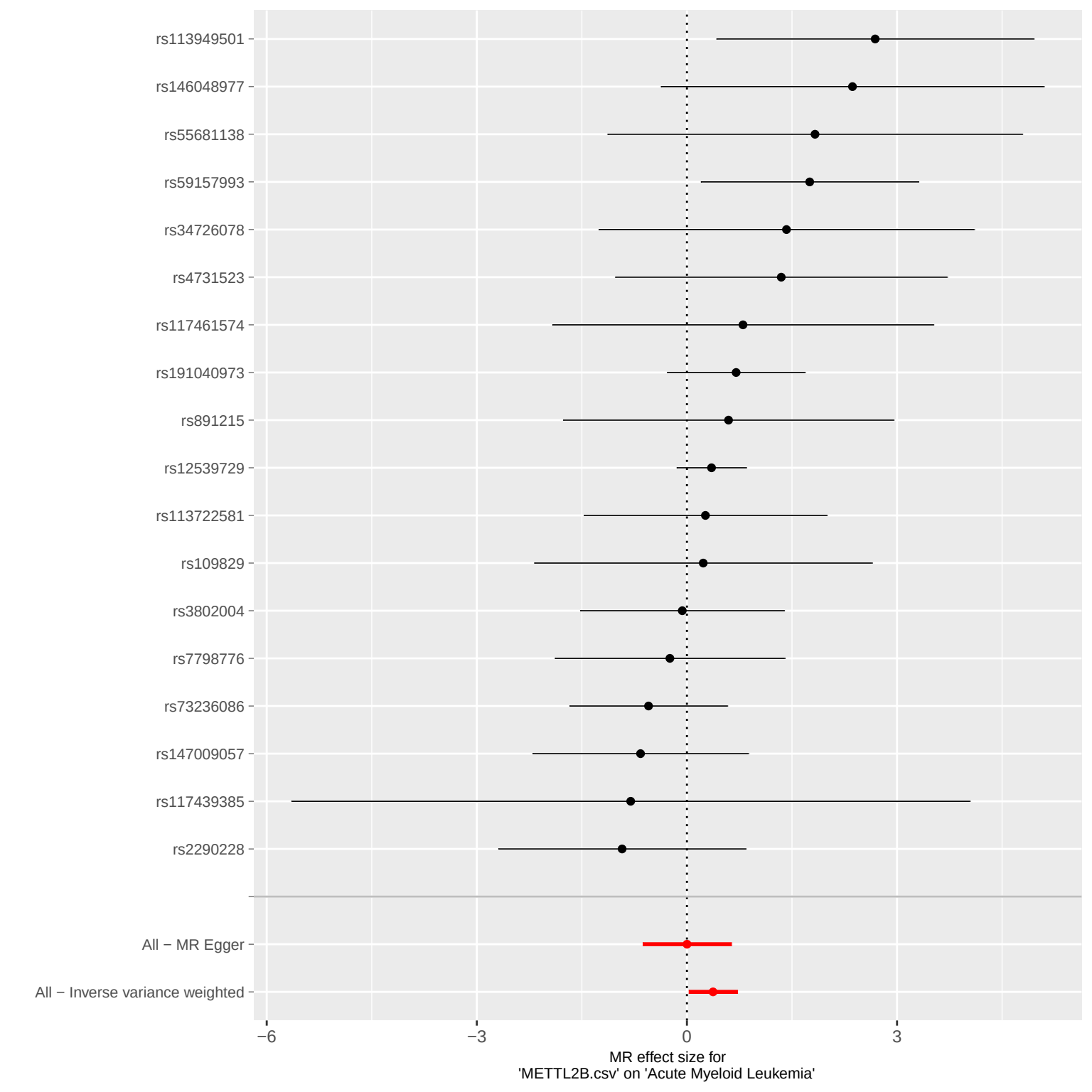
rs13235951
rs75792206
rs56121056
rs1133790
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'MEPCE.csv' on 'Acute Myeloid Leukemia'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rs147009057
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All − MR Egger
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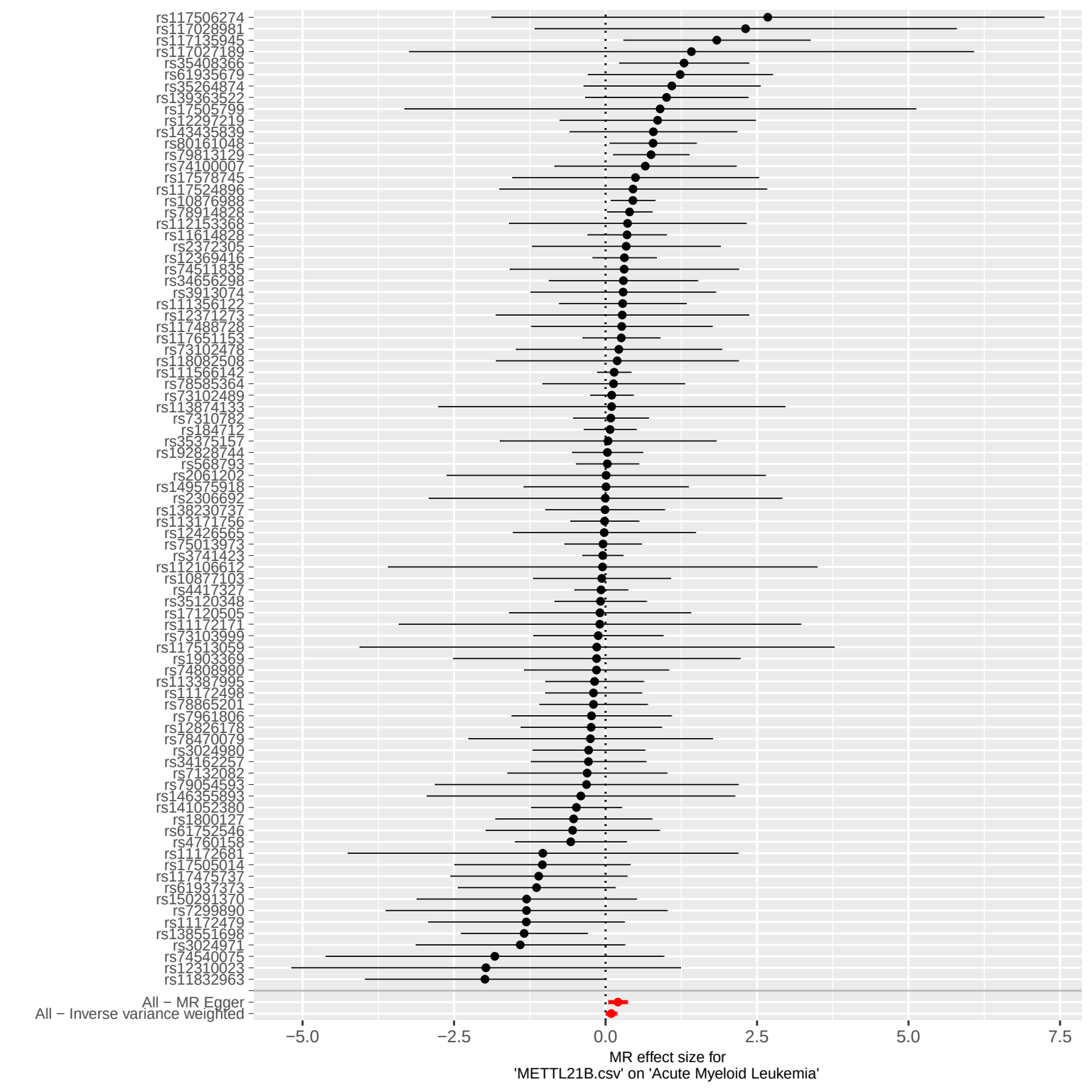
MR effect size for
'METTL2B.csv' on 'Acute Myeloid Leukemia'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rs7299890
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rs12310023
rs11832963
All − MR Egger
All − Inverse variance weighted
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0.0
2.5
5.0
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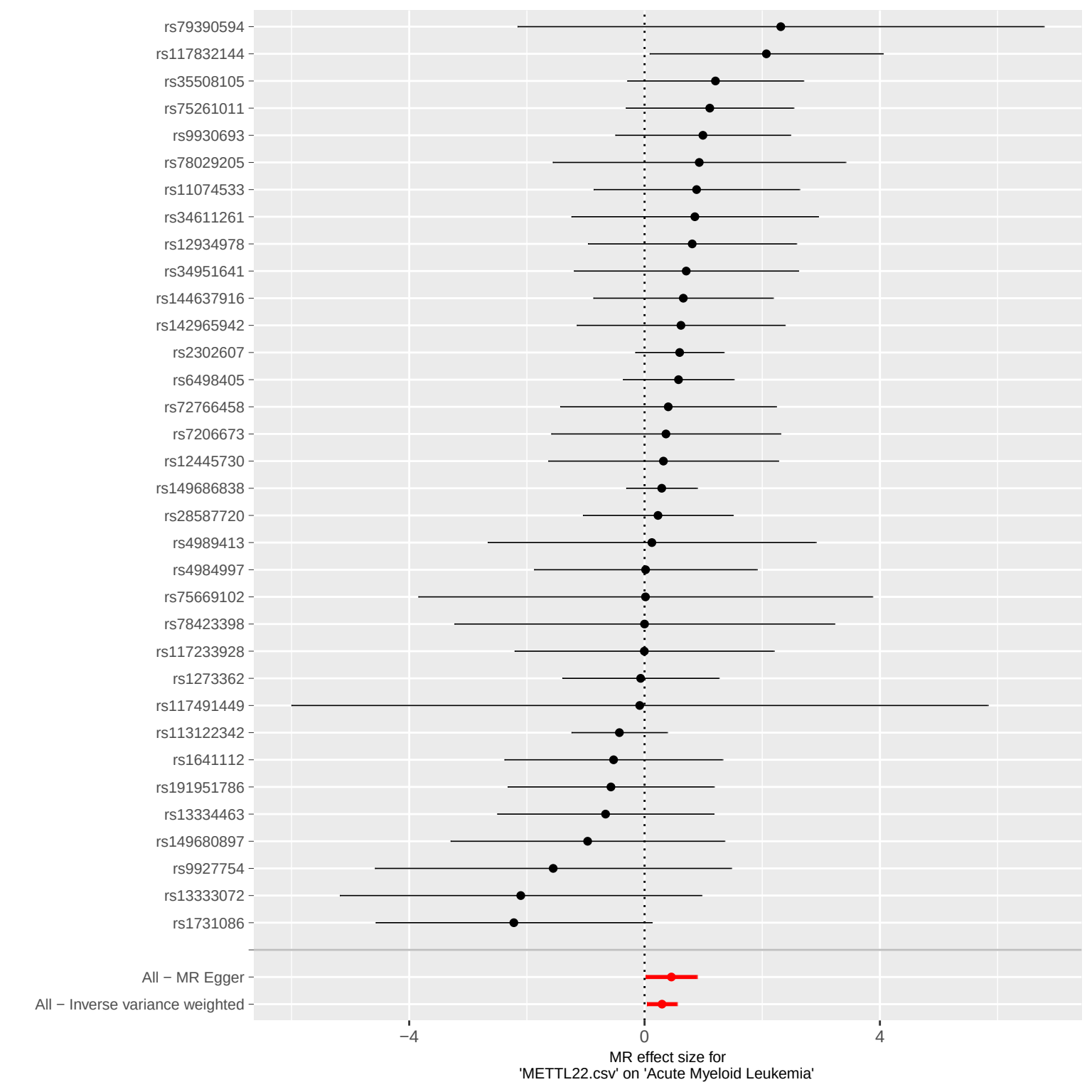
MR effect size for
'METTL21B.csv' on 'Acute Myeloid Leukemia'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rs191951786
rs13334463
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rs9927754
rs13333072
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All − MR Egger
All − Inverse variance weighted
−4
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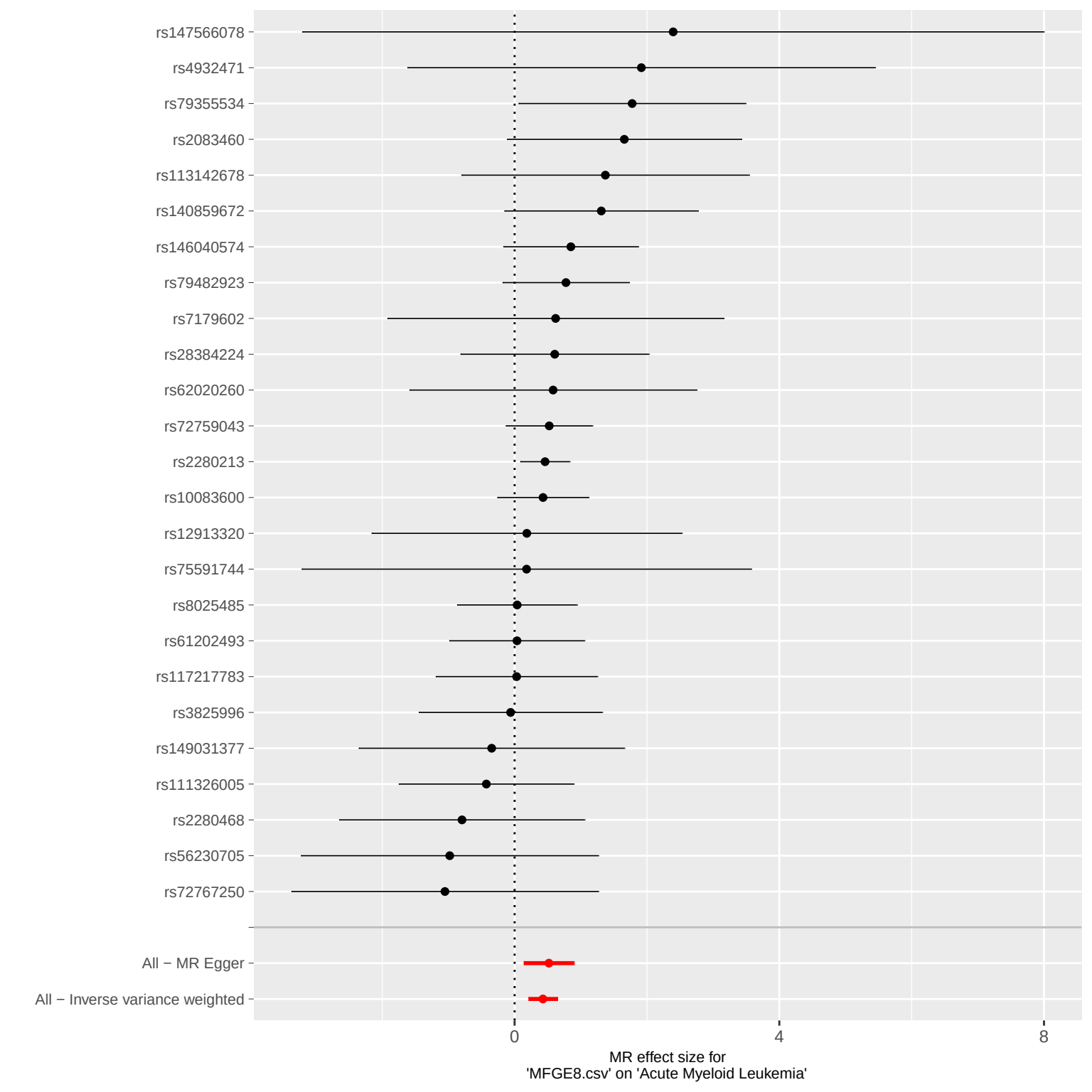
MR effect size for
'METTL22.csv' on 'Acute Myeloid Leukemia'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rs2280213
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rs12913320
rs75591744
rs8025485
rs61202493
rs117217783
rs3825996
rs149031377
rs111326005
rs2280468
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All − MR Egger
All − Inverse variance weighted
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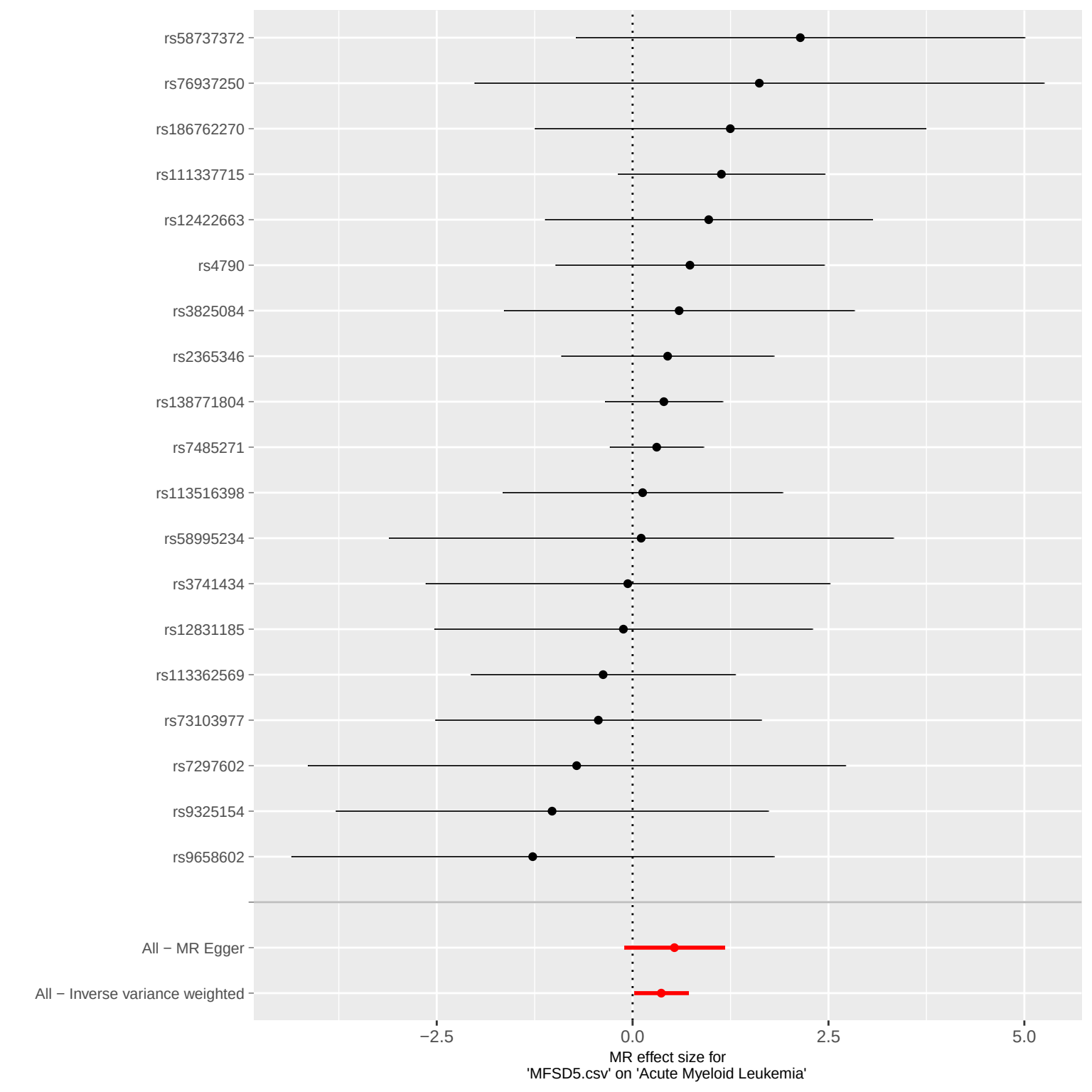
MR effect size for
'MFGE8.csv' on 'Acute Myeloid Leukemia'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rs113516398
rs58995234
rs3741434
rs12831185
rs113362569
rs73103977
rs7297602
rs9325154
rs9658602
All − MR Egger
All − Inverse variance weighted
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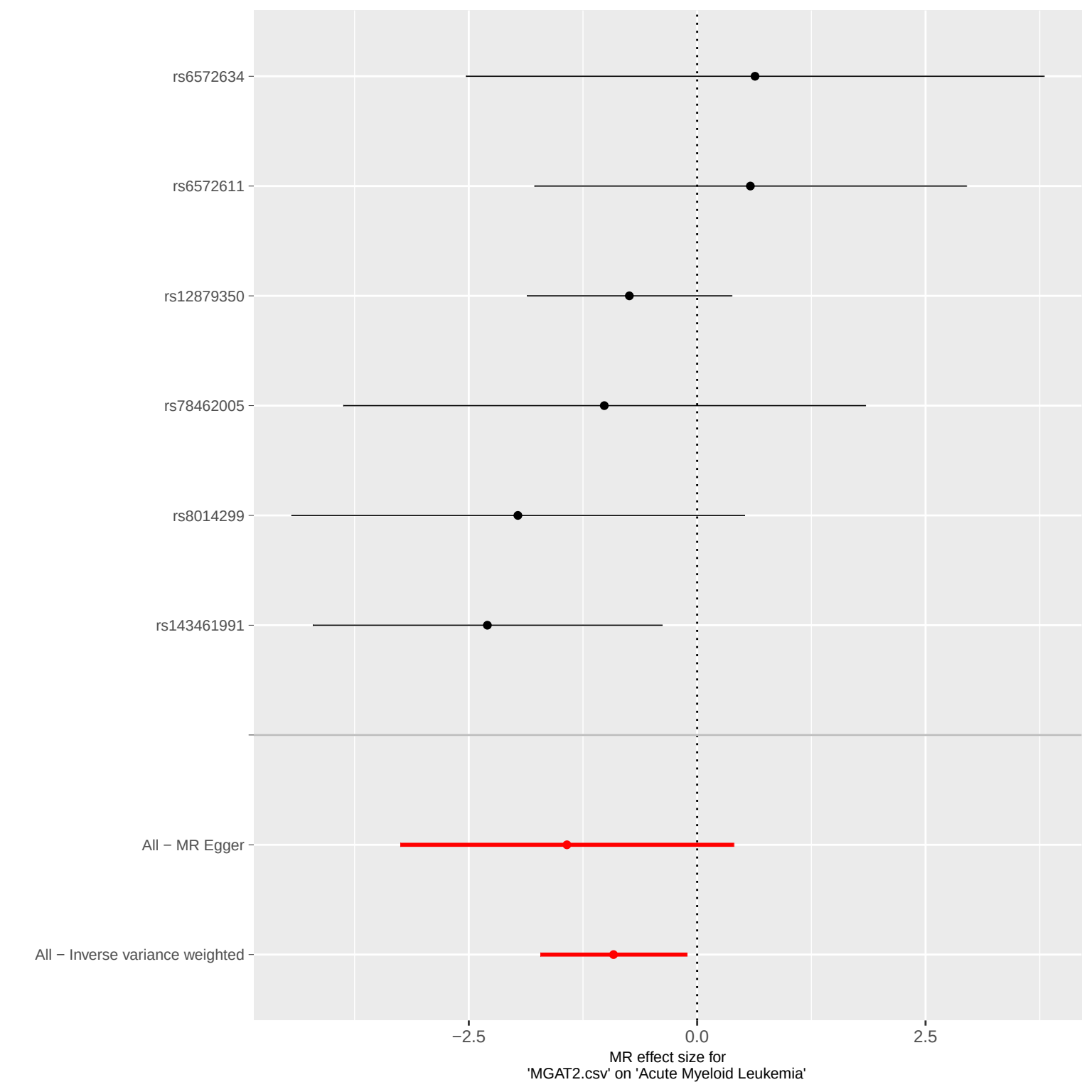
0.0
2.5
5.0
MR effect size for
'MFSD5.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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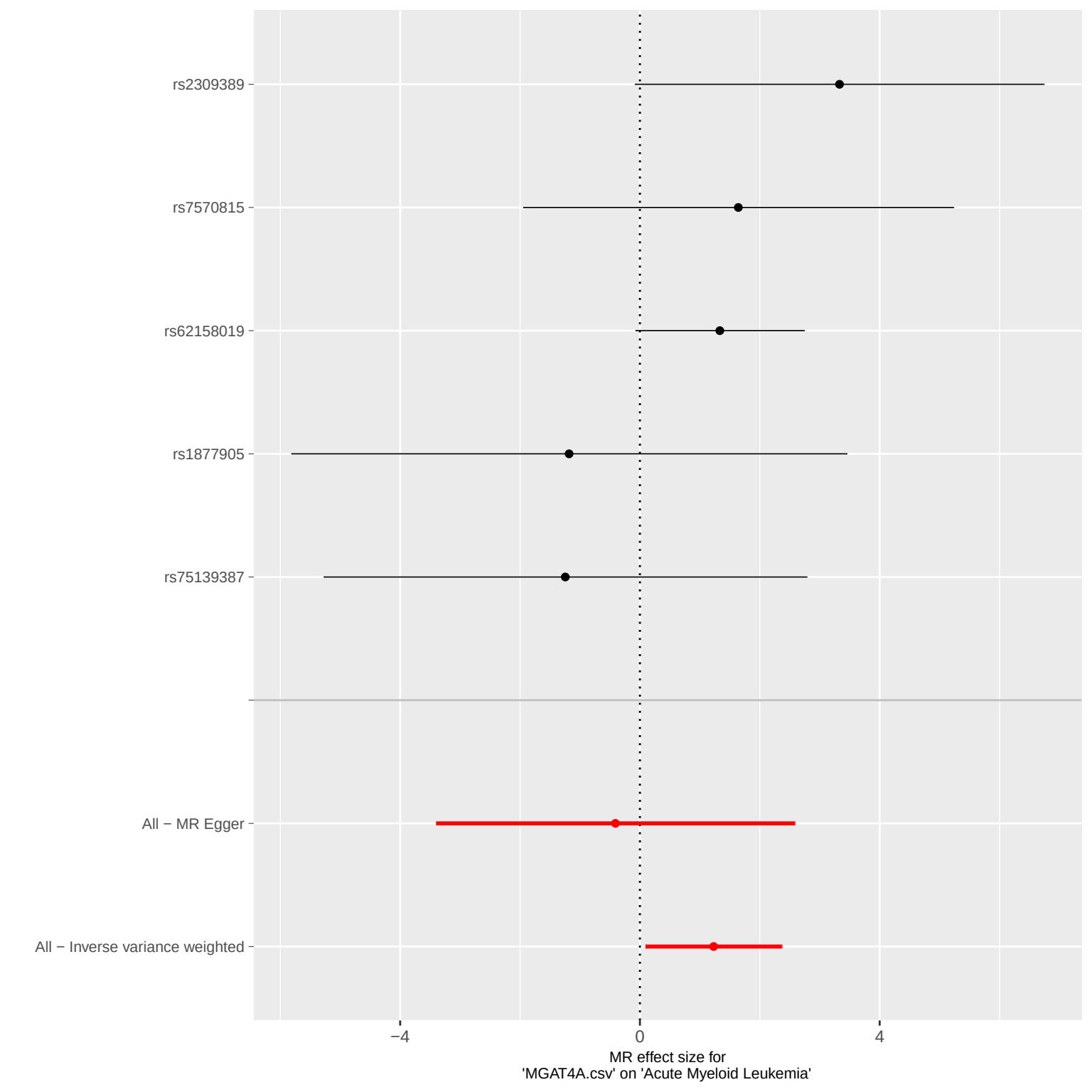
2.5
MR effect size for
'MGAT2.csv' on 'Acute Myeloid Leukemia'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rs62158019
rs1877905
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All − MR Egger
All − Inverse variance weighted
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0
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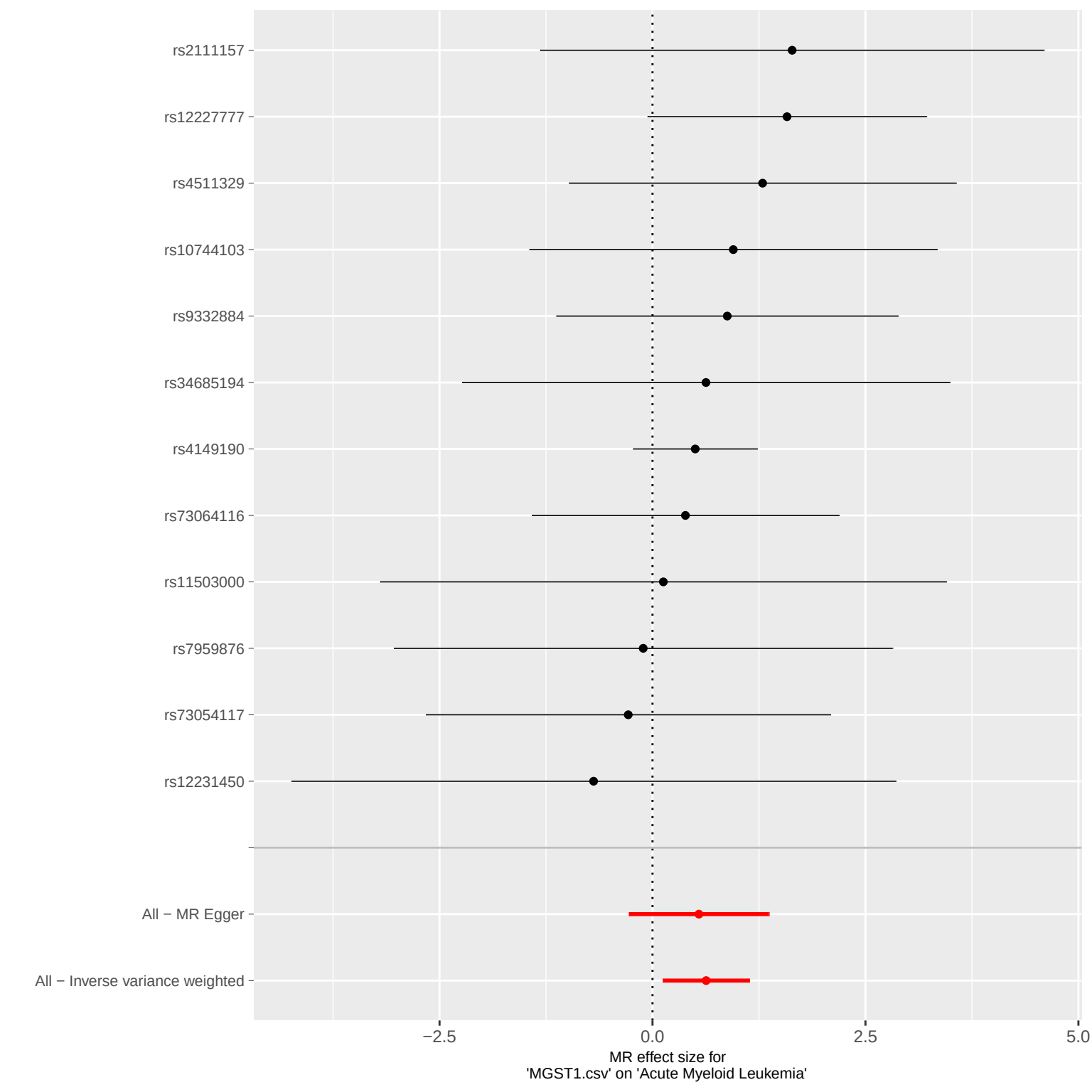
MR effect size for
'MGAT4A.csv' on 'Acute Myeloid Leukemia'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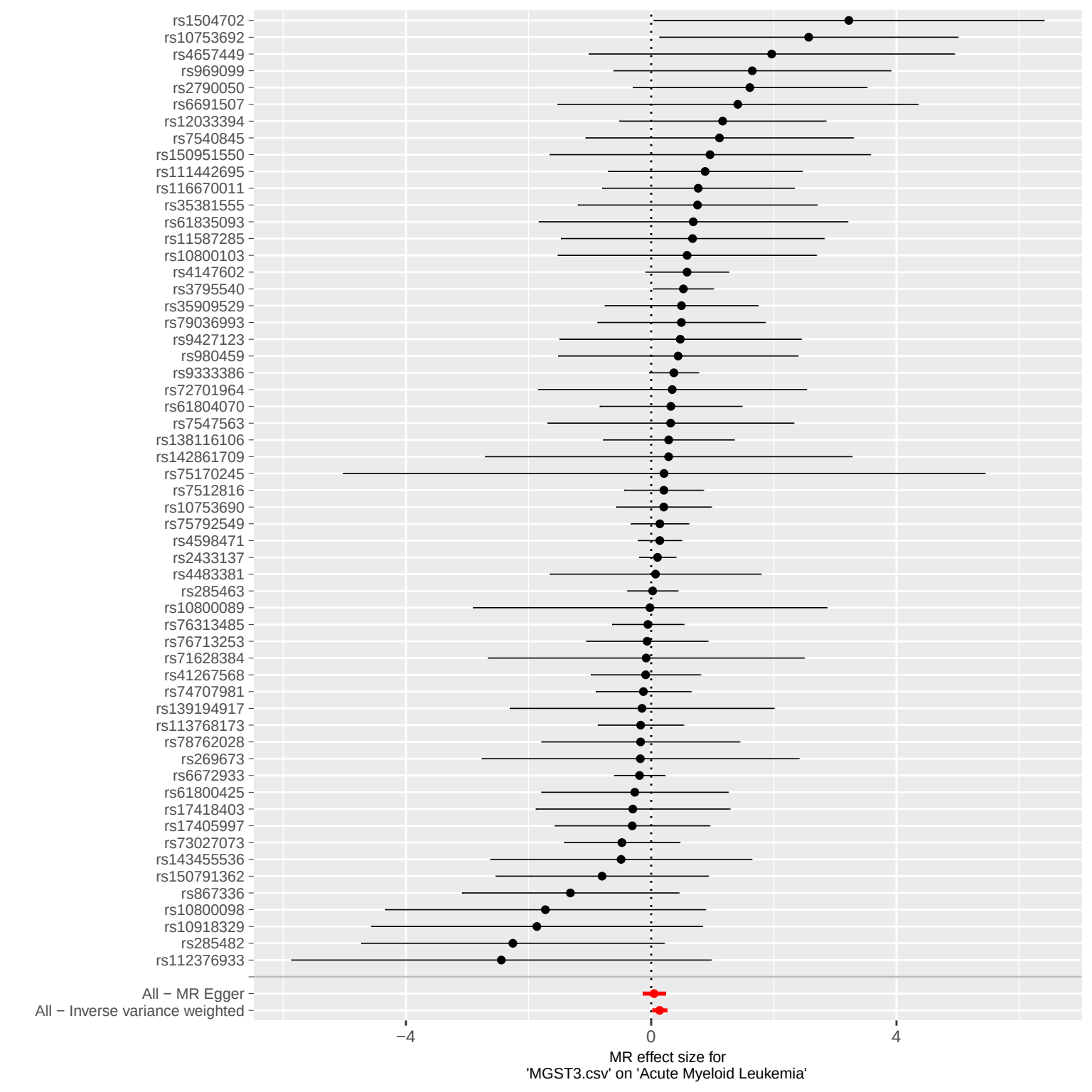
rs7959876
rs73054117
rs12231450
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'MGST1.csv' on 'Acute Myeloid Leukemia'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rs17405997
rs73027073
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rs150791362
rs867336
rs10800098
rs10918329
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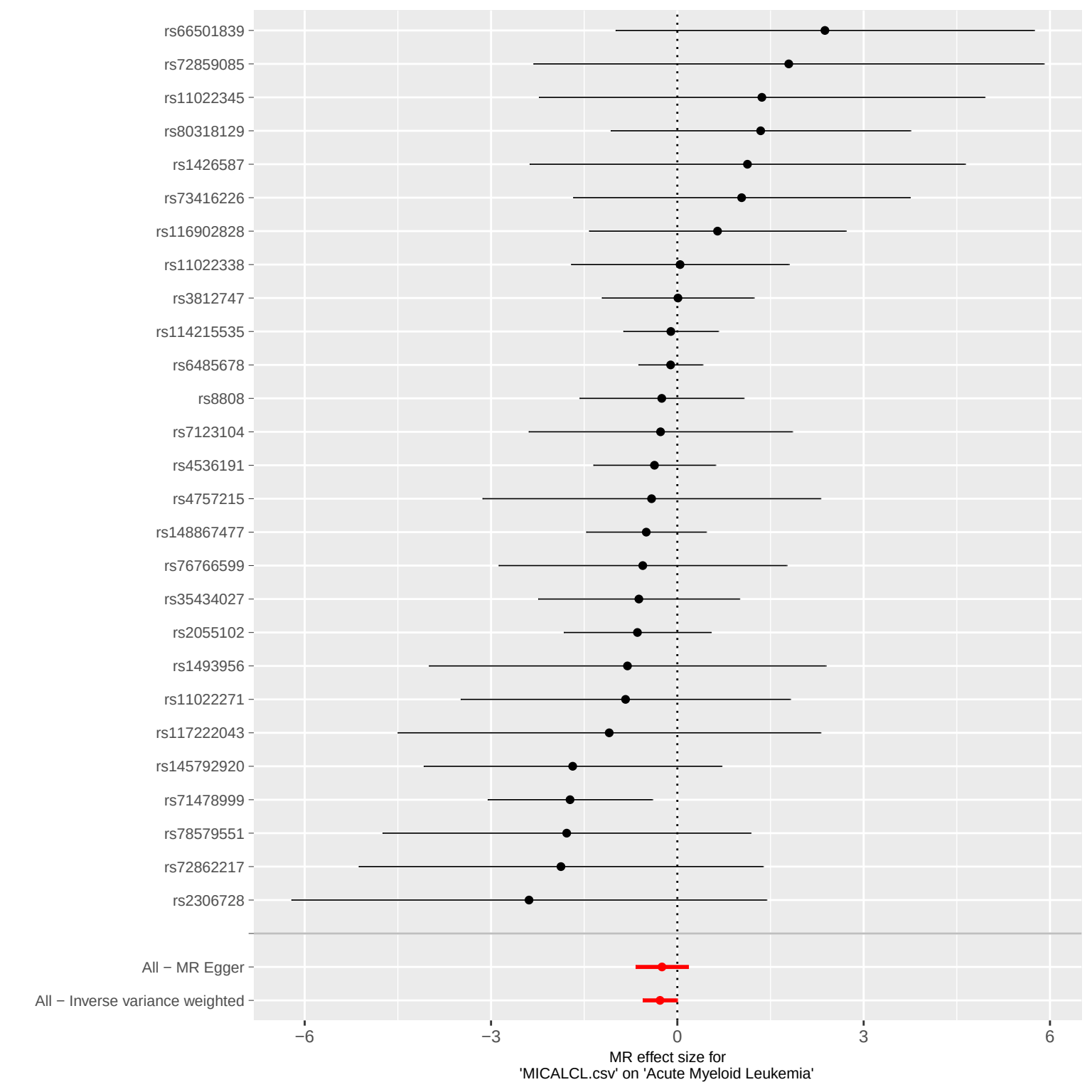
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'MGST3.csv' on 'Acute Myeloid Leukemia'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rs35434027
rs2055102
rs1493956
rs11022271
rs117222043
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rs71478999
rs78579551
rs72862217
rs2306728
All − MR Egger
All − Inverse variance weighted
−6
−3
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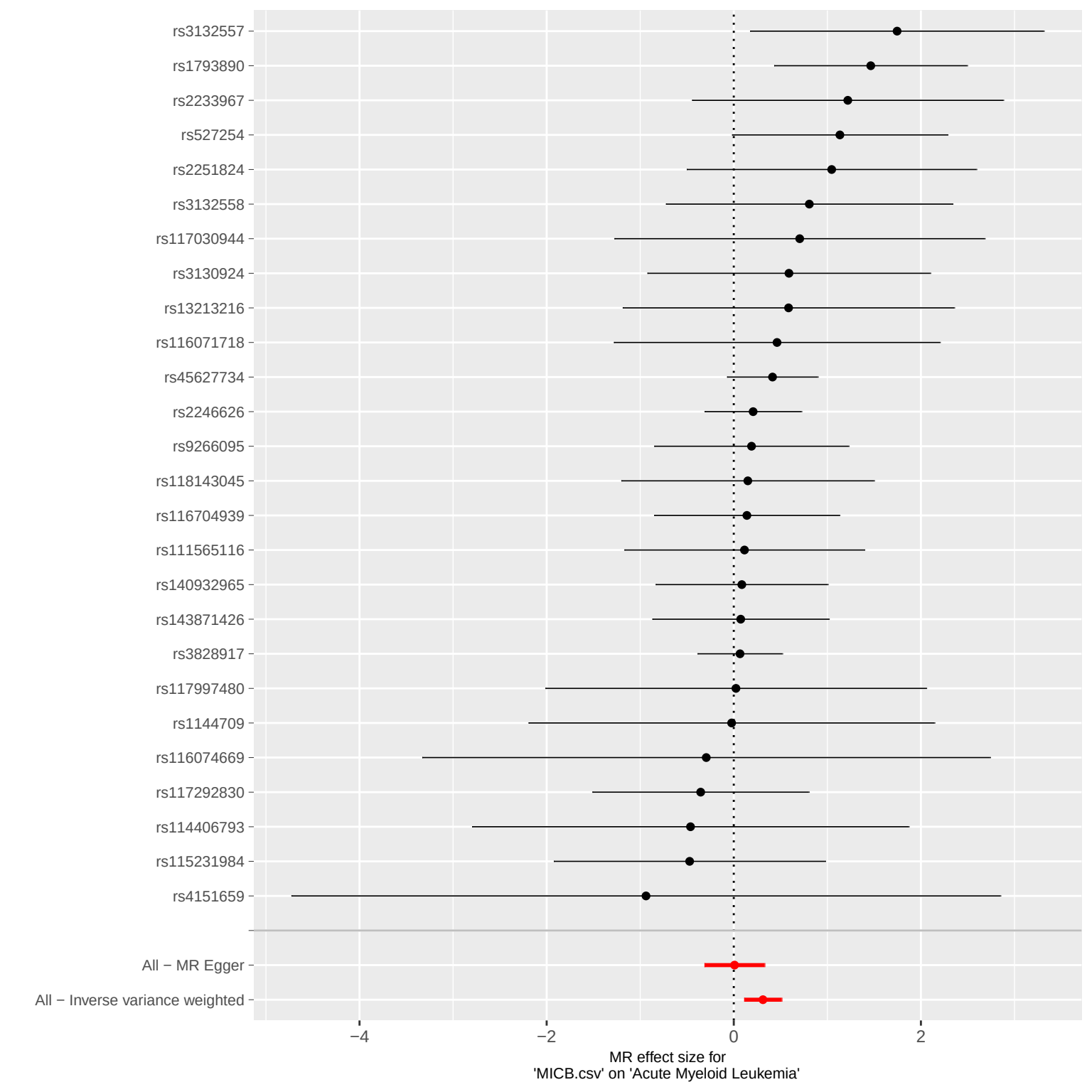
3
6
MR effect size for
'MICALCL.csv' on 'Acute Myeloid Leukemia'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rs1144709
rs116074669
rs117292830
rs114406793
rs115231984
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All − MR Egger
All − Inverse variance weighted
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−2
0
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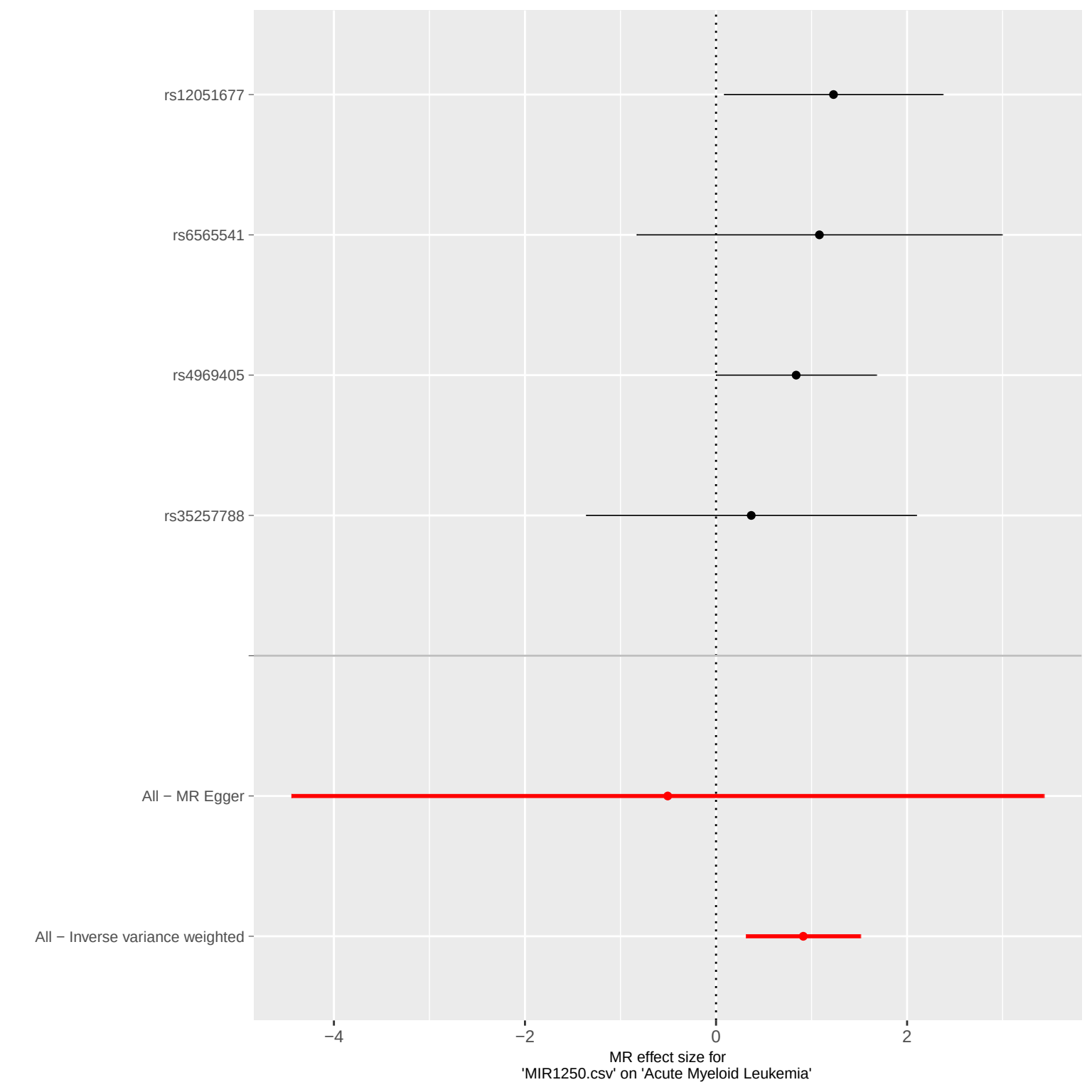
MR effect size for
'MICB.csv' on 'Acute Myeloid Leukemia'


rs12051677
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rs4969405
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All − MR Egger
All − Inverse variance weighted
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−2
0
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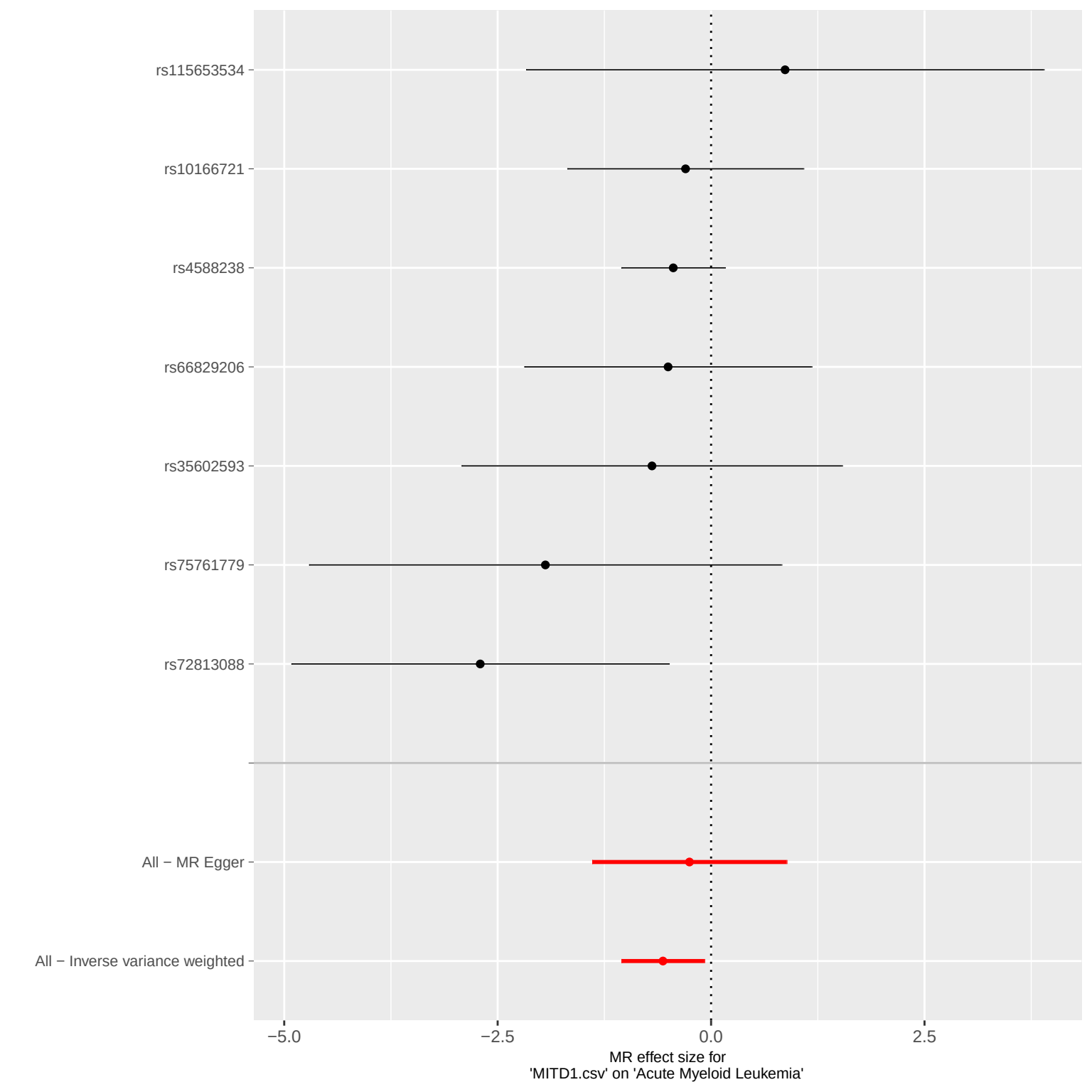
MR effect size for
'MIR1250.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2.5
0.0
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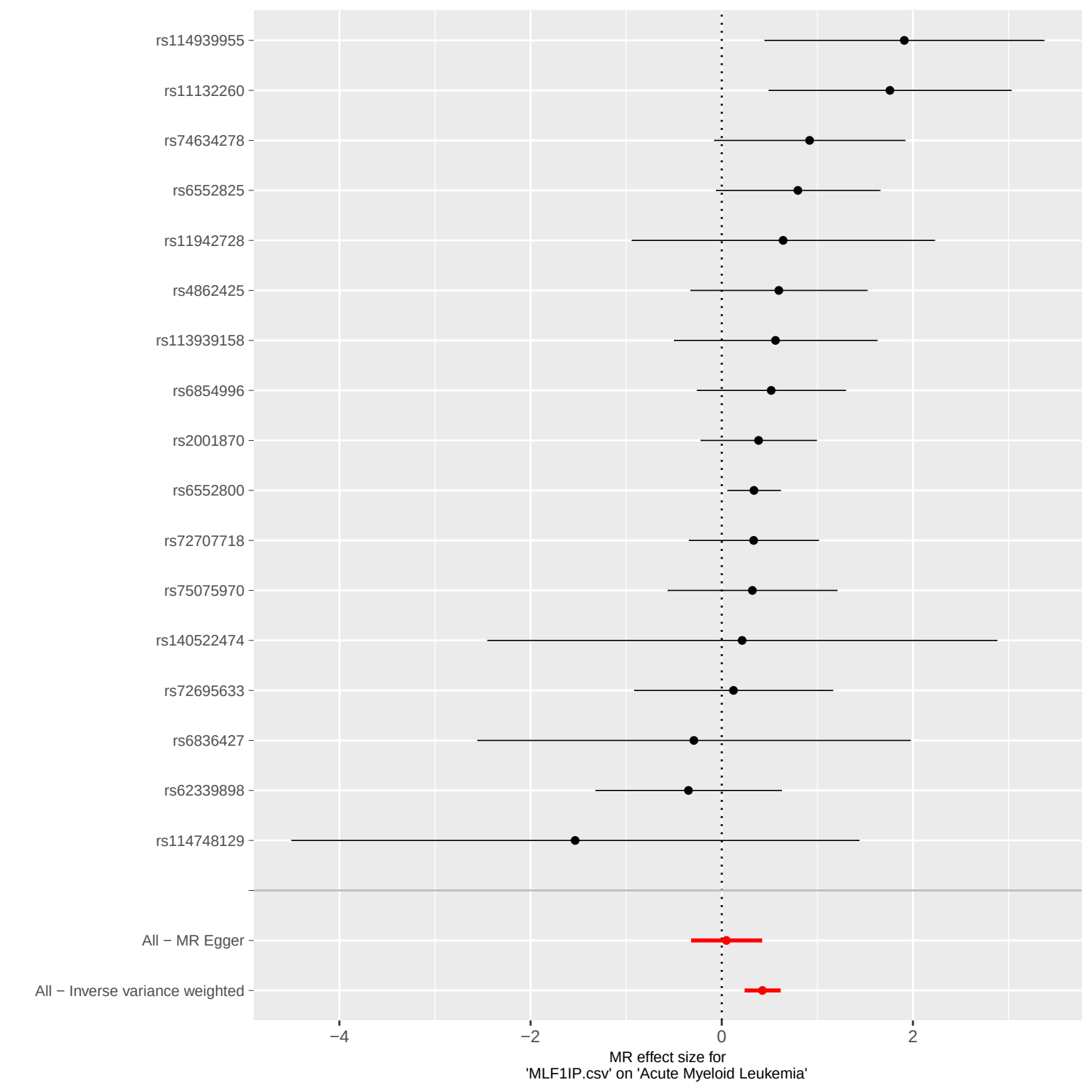
MR effect size for
'MITD1.csv' on 'Acute Myeloid Leukemia'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rs75075970
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All − MR Egger
All − Inverse variance weighted
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−2
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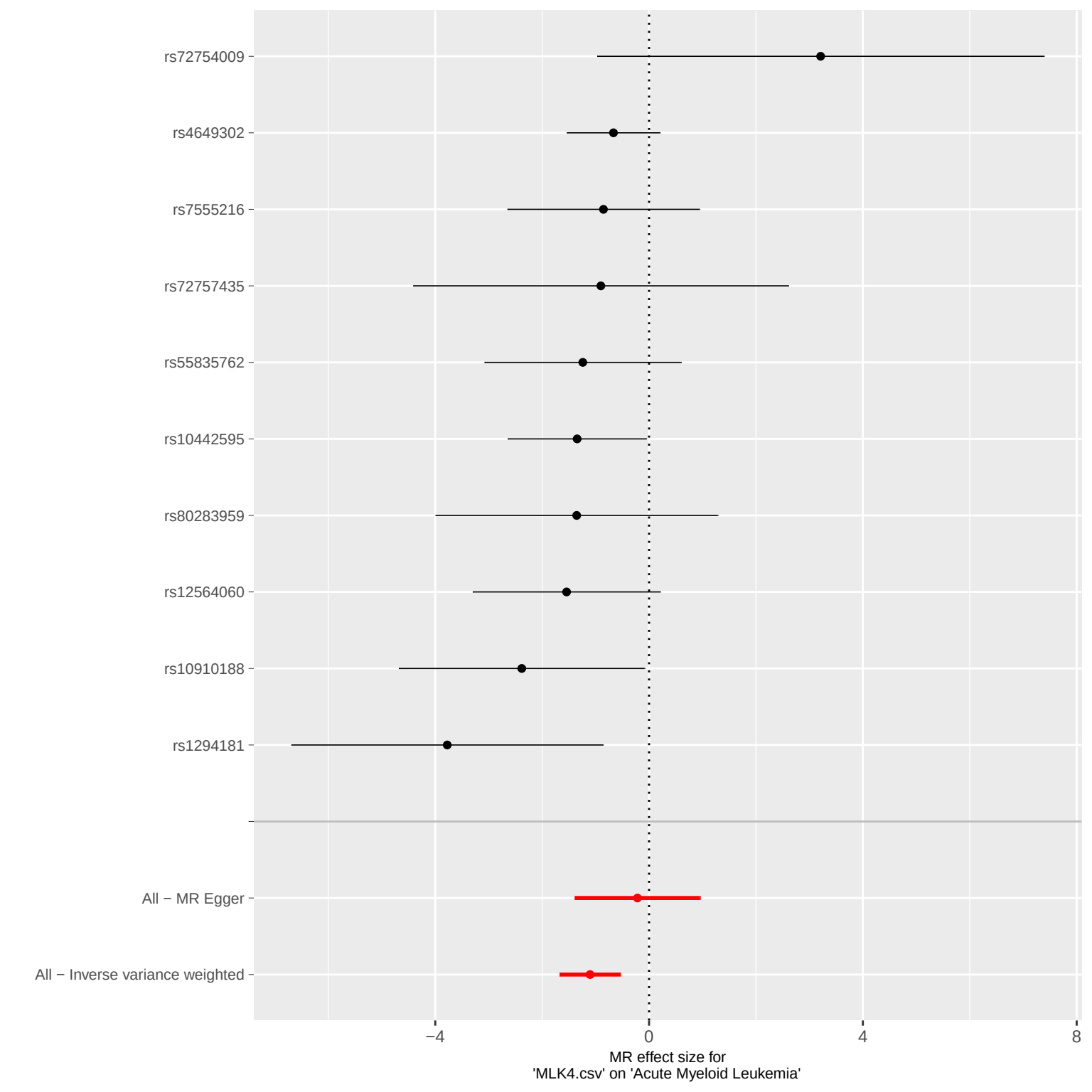
MR effect size for
'MLF1IP.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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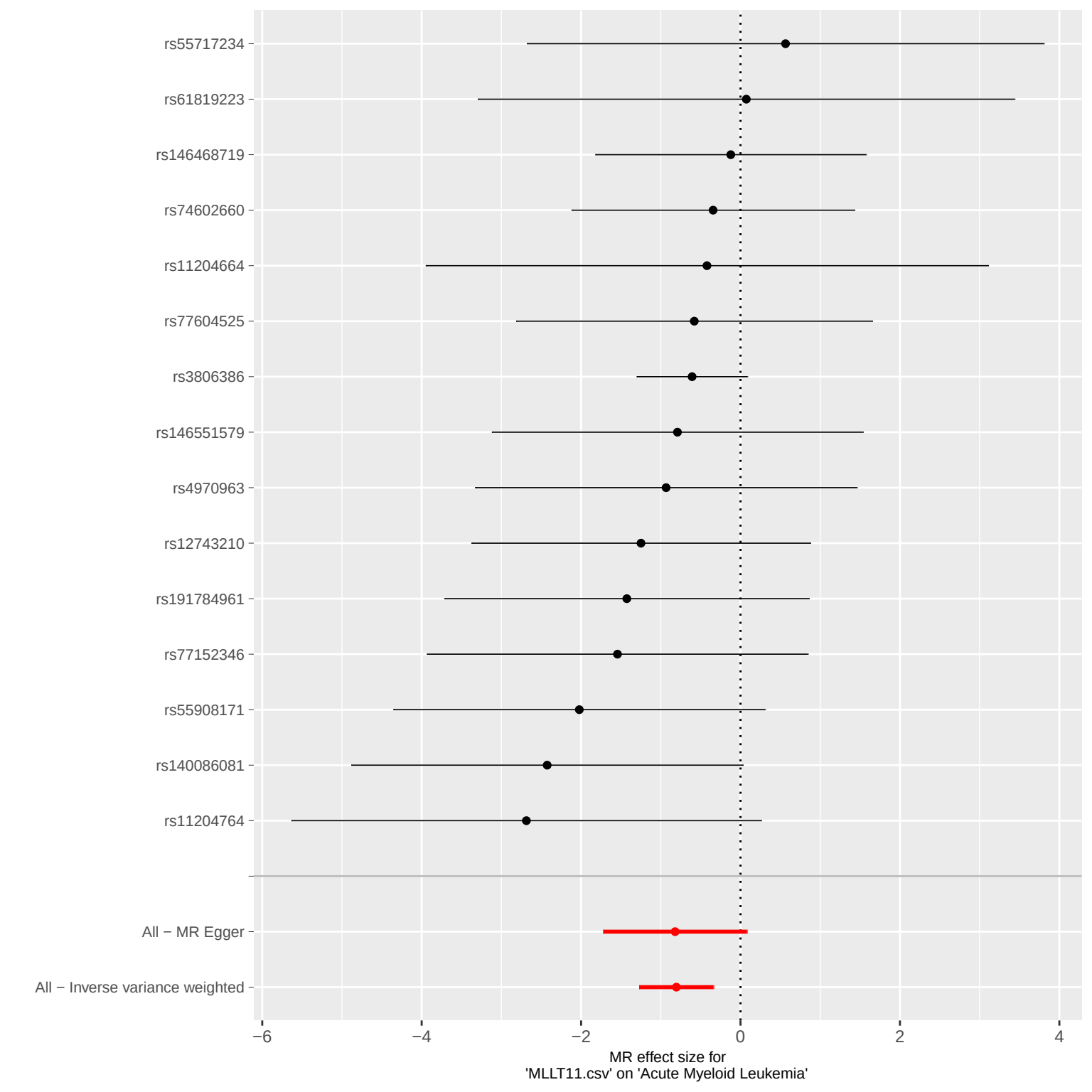
0
4
8
MR effect size for
'MLK4.csv' on 'Acute Myeloid Leukemia'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rs77152346
rs55908171
rs140086081
rs11204764
All − MR Egger
All − Inverse variance weighted
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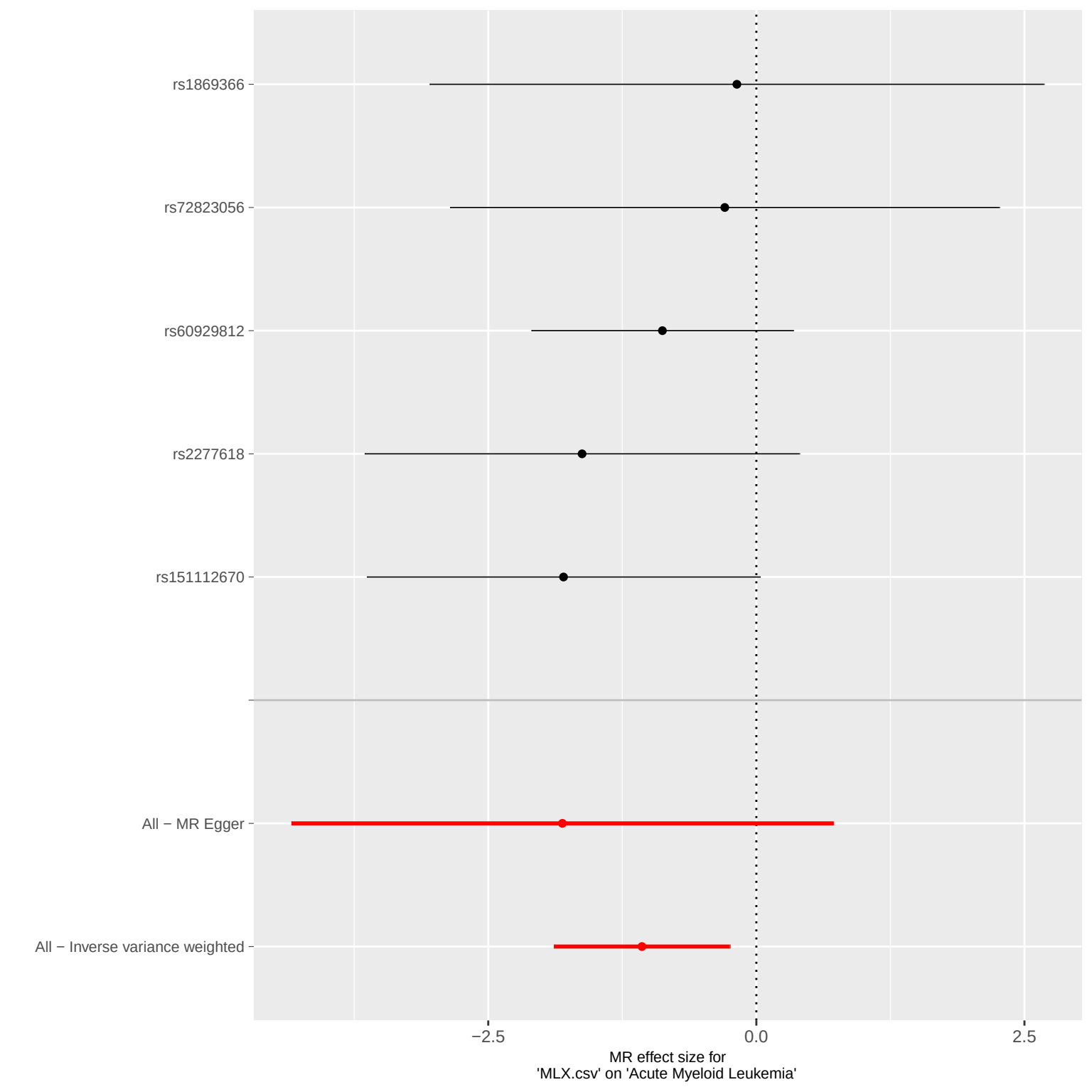
4
MR effect size for
'MLLT11.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
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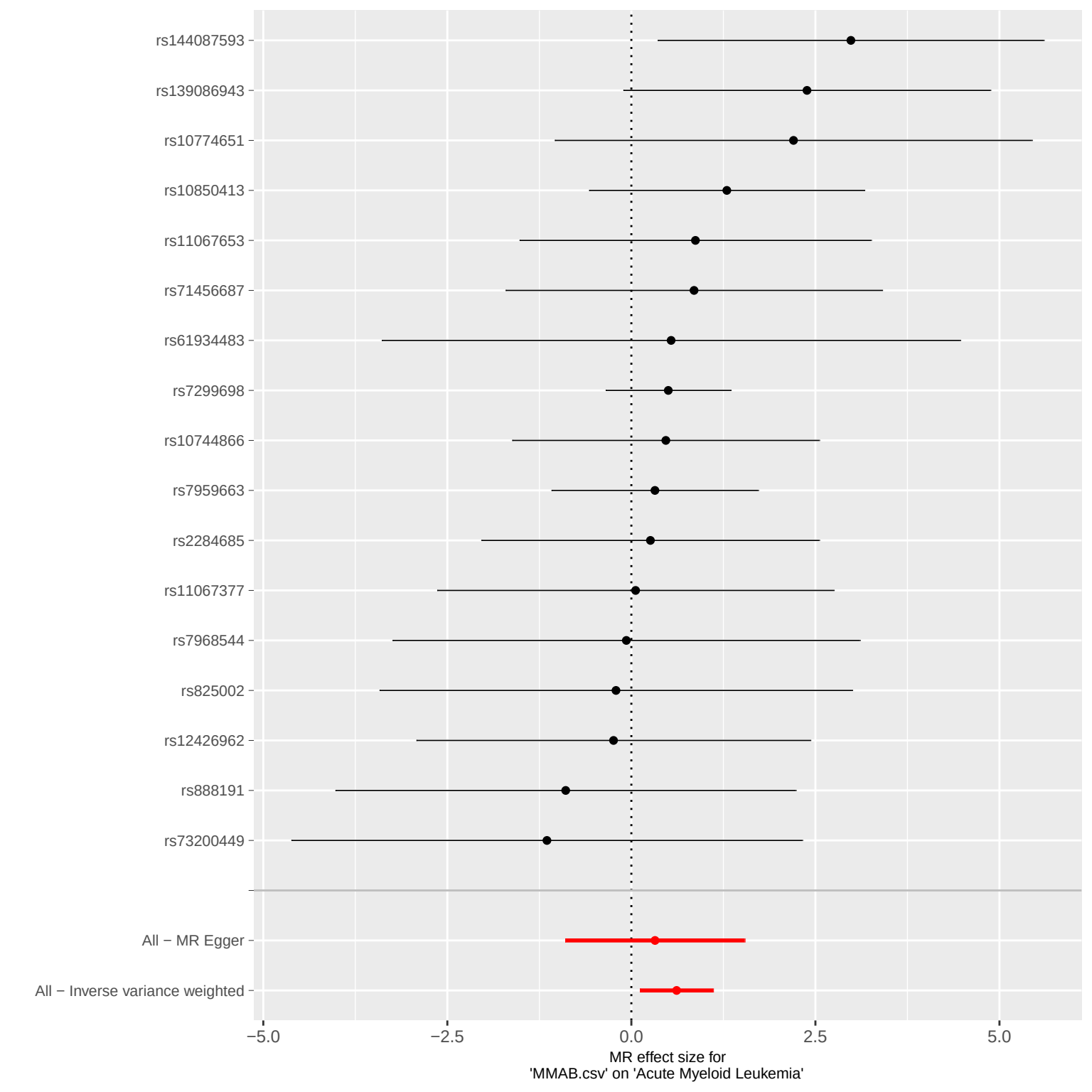
2.5
MR effect size for
'MLX.csv' on 'Acute Myeloid Leukemia'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rs11067377
rs7968544
rs825002
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All − MR Egger
All − Inverse variance weighted
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−2.5
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2.5
5.0
MR effect size for
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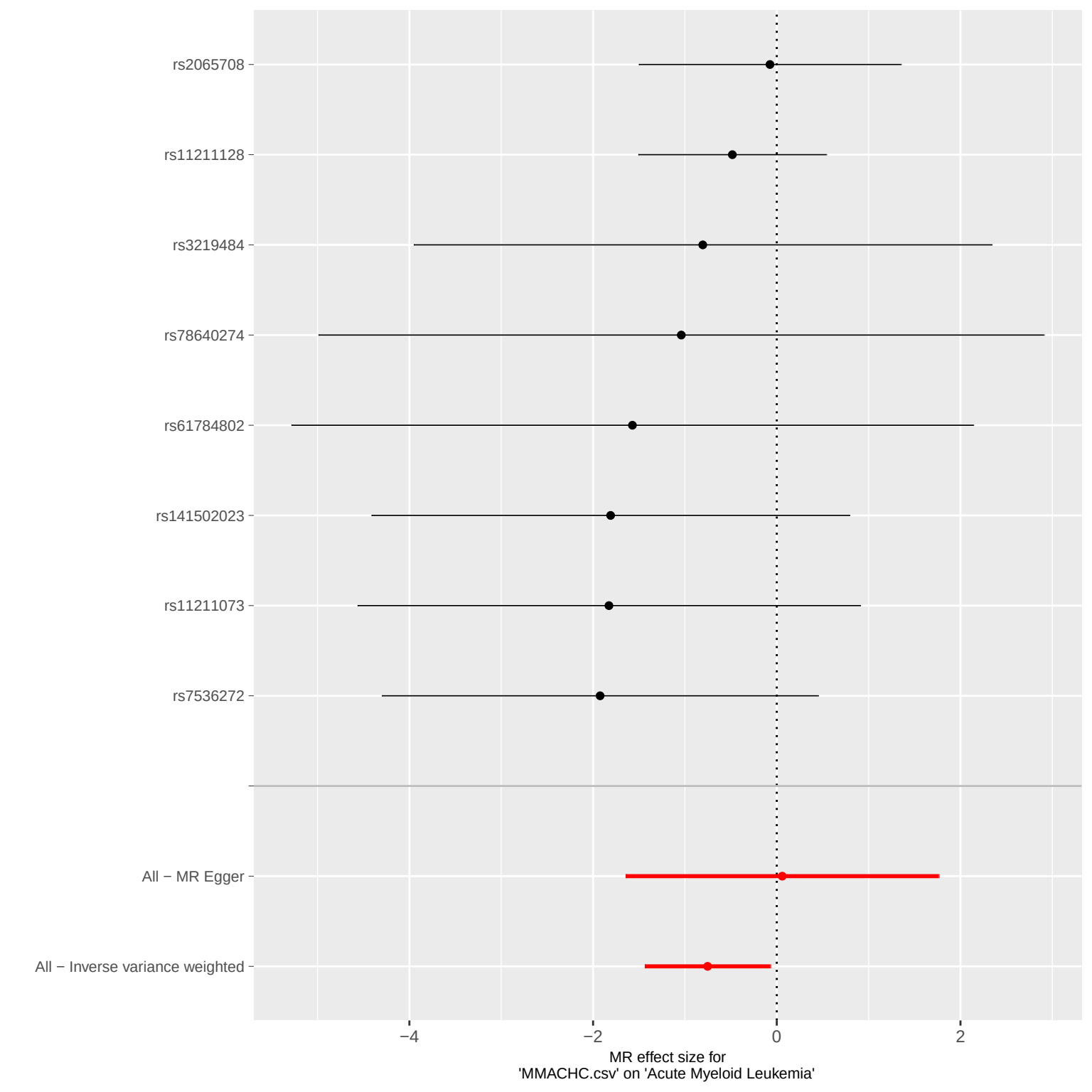
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MR effect size for
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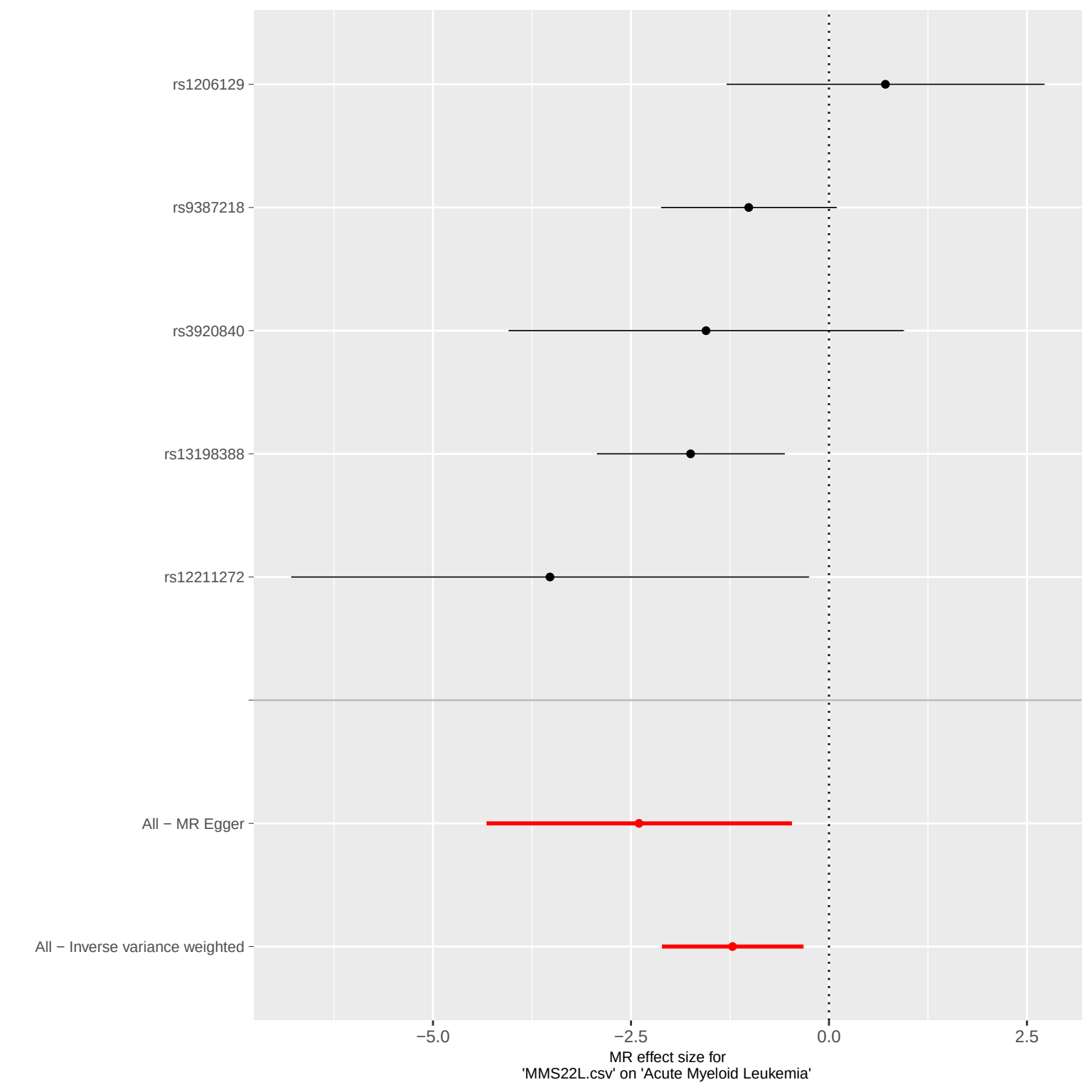
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All − MR Egger
All − Inverse variance weighted
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−2.5
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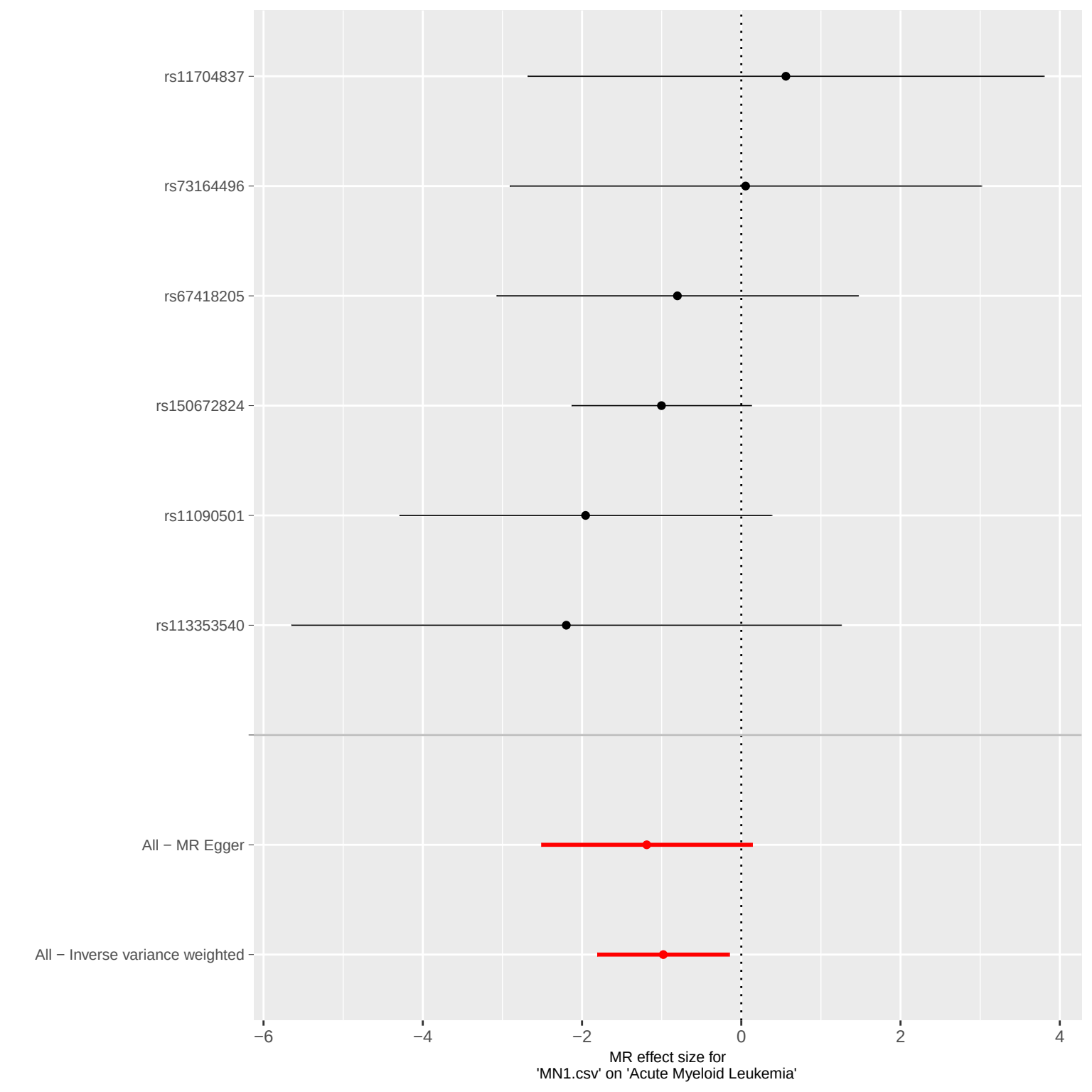
2.5
MR effect size for
'MMS22L.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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−4
−2
0
2
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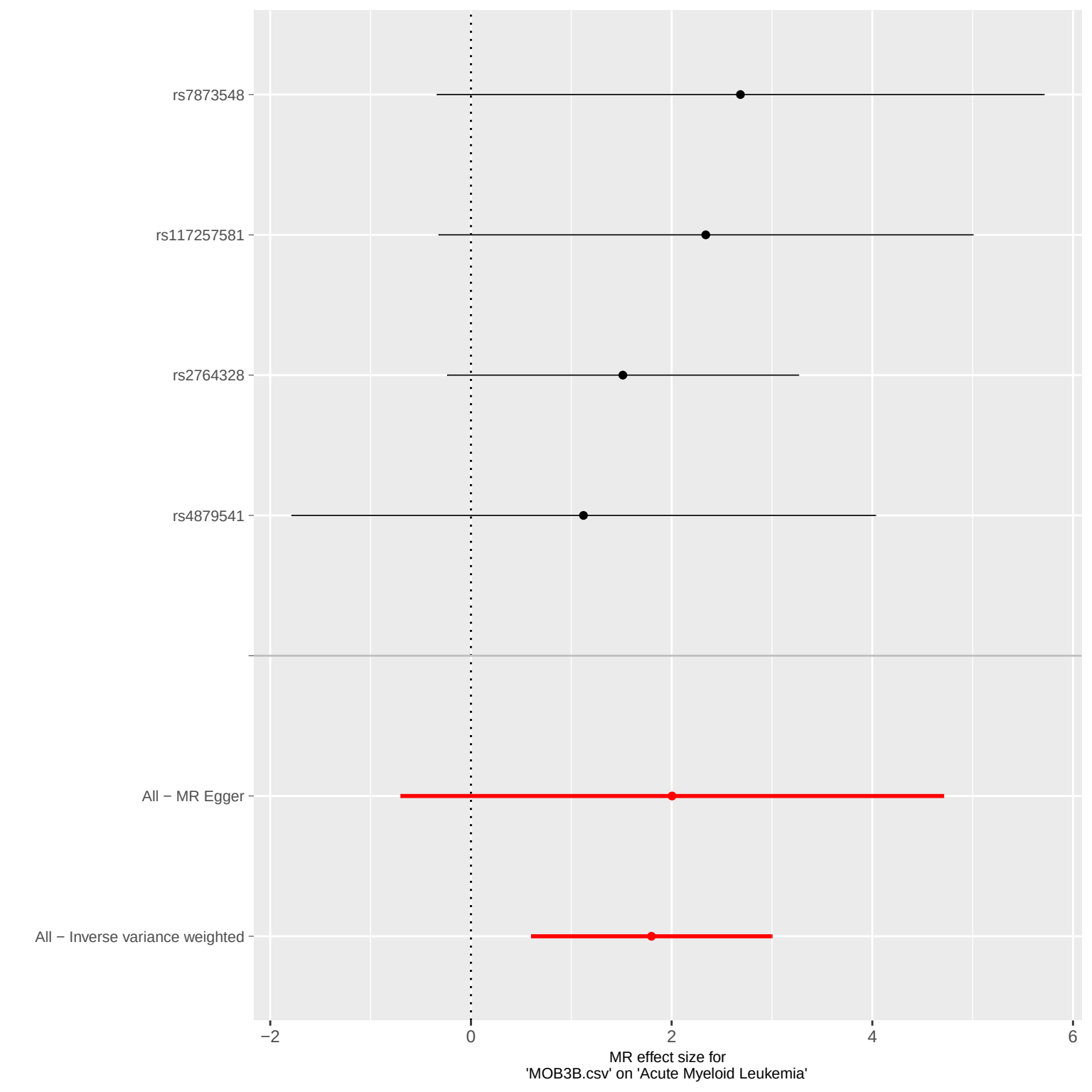
MR effect size for
'MN1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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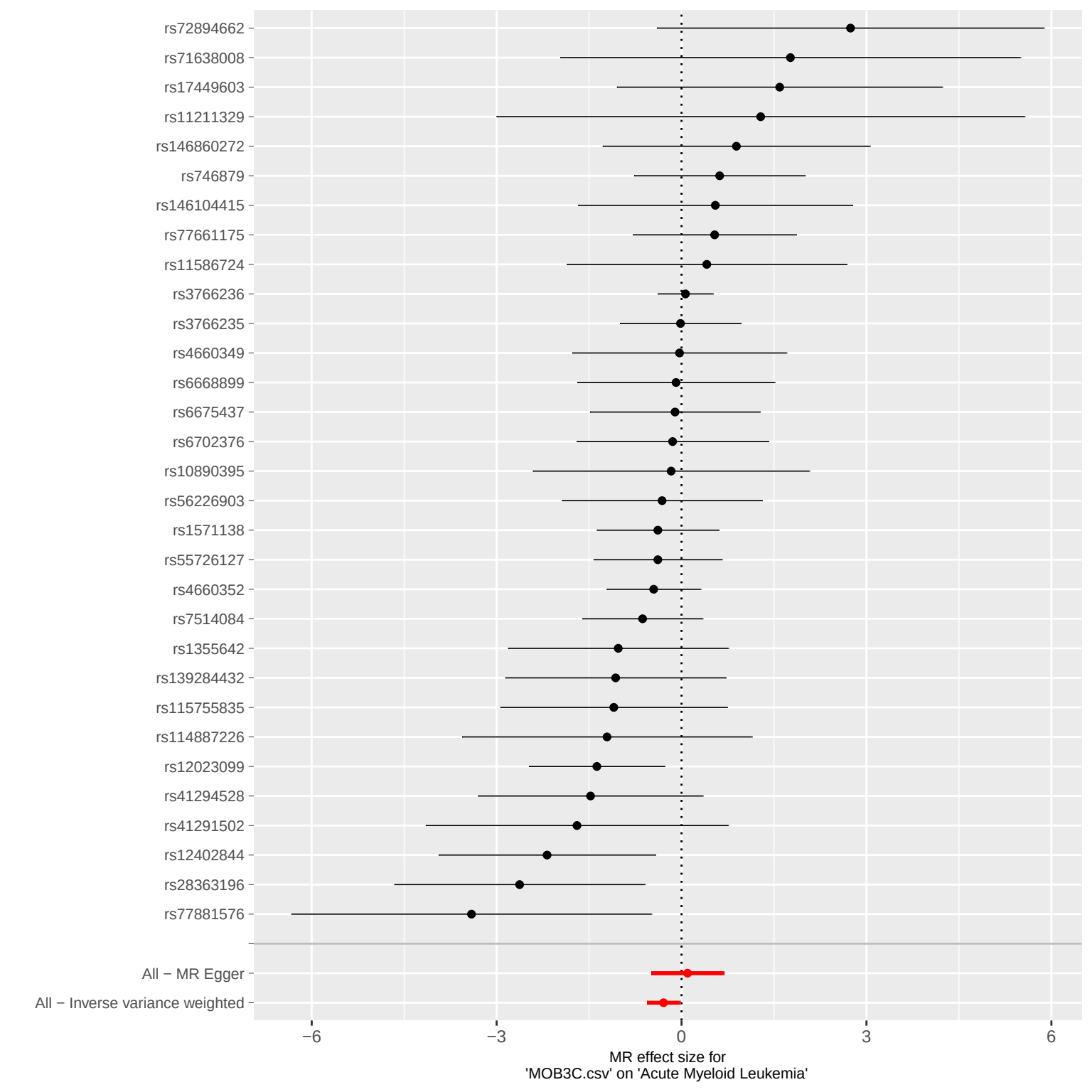
MR effect size for
'MOB3B.csv' on 'Acute Myeloid Leukemia'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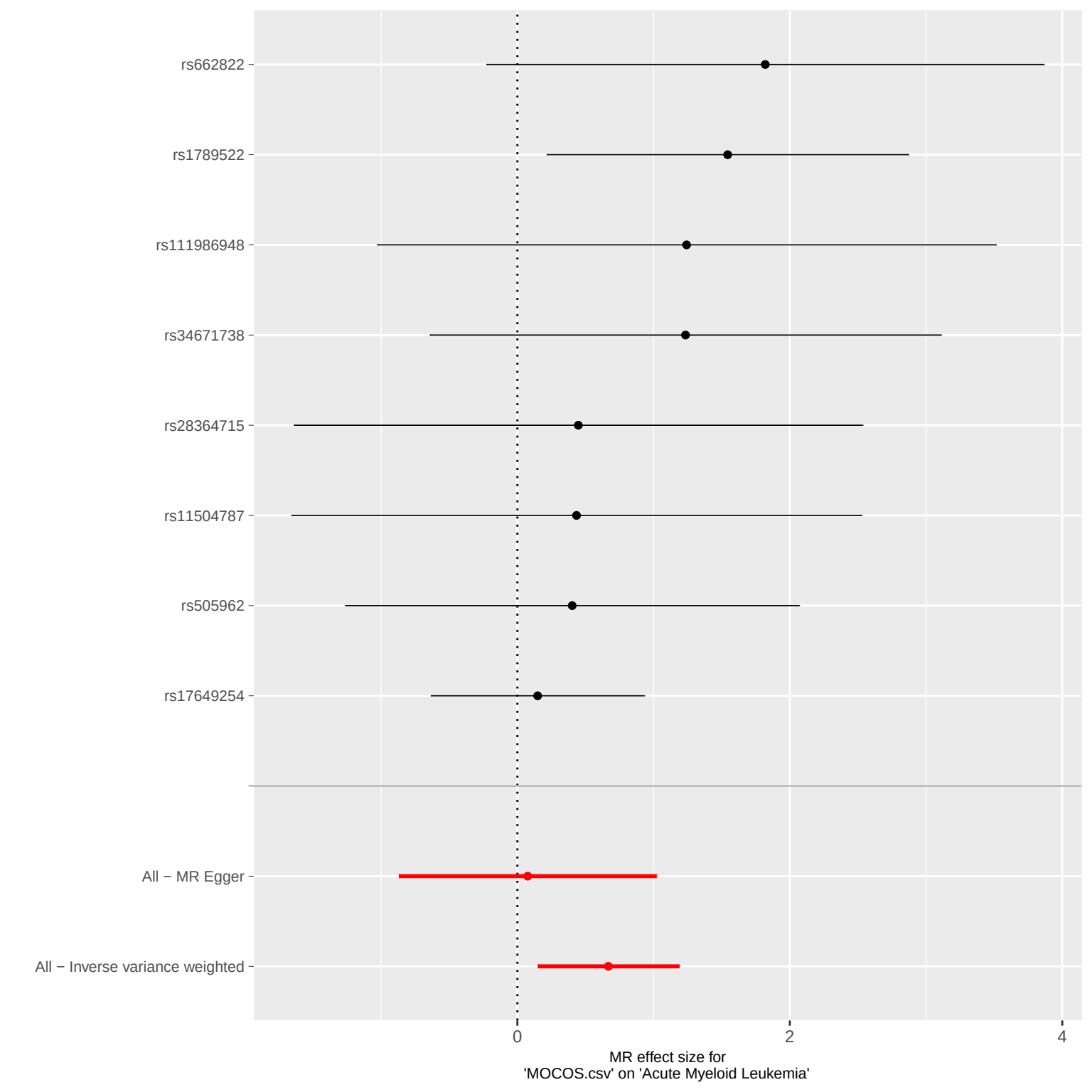
rs41291502
rs12402844
rs28363196
rs77881576
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'MOB3C.csv' on 'Acute Myeloid Leukemia'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rs34671738
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rs11504787
rs505962
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All − MR Egger
All − Inverse variance weighted
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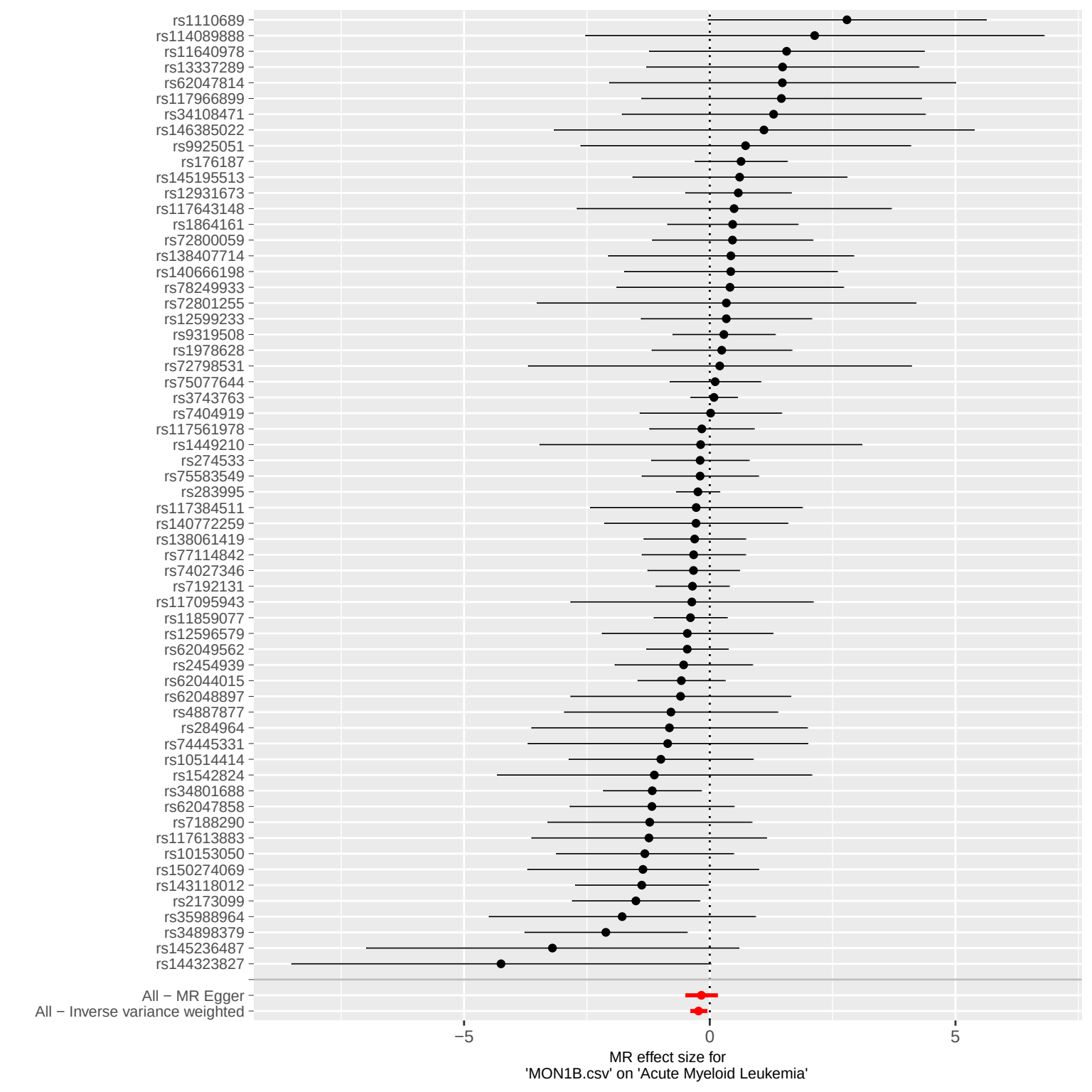
2
4
MR effect size for
'MOCOS.csv' on 'Acute Myeloid Leukemia'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rs143118012
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rs35988964
rs34898379
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All − MR Egger
All − Inverse variance weighted
−5
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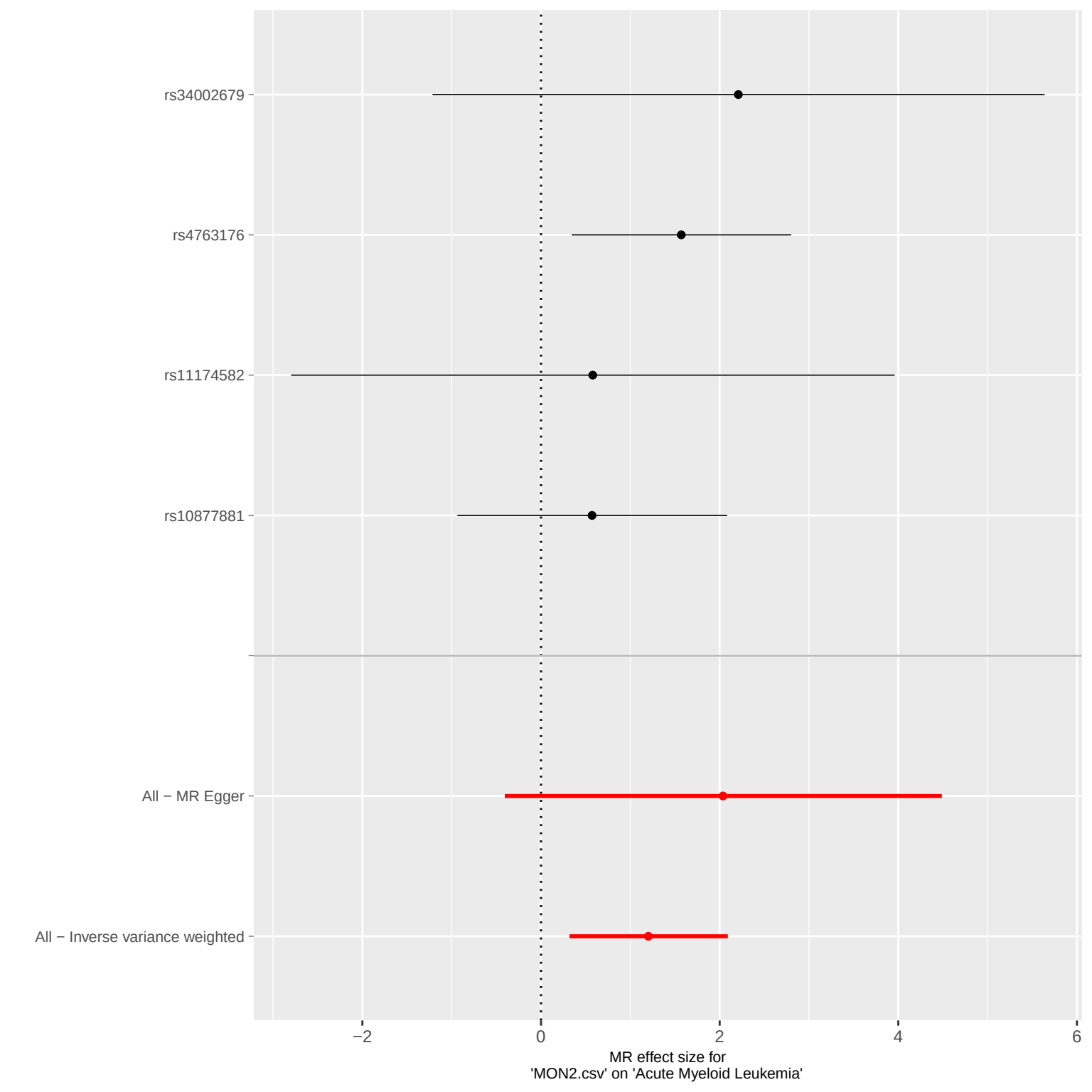
5
MR effect size for
'MON1B.csv' on 'Acute Myeloid Leukemia'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rs4763176
rs11174582
rs10877881
All − MR Egger
All − Inverse variance weighted
−2
0
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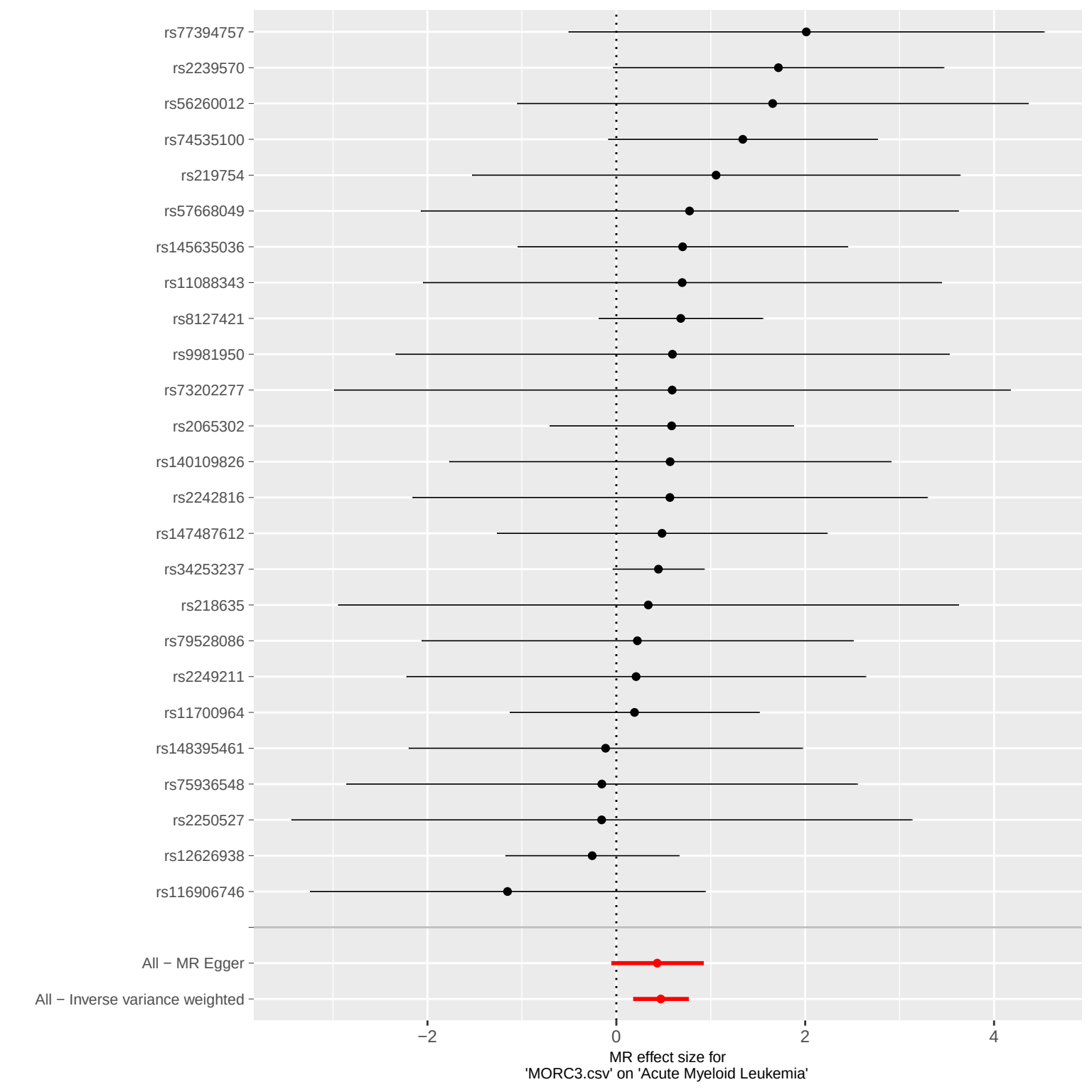
4
6
MR effect size for
'MON2.csv' on 'Acute Myeloid Leukemia'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rs2065302
rs140109826
rs2242816
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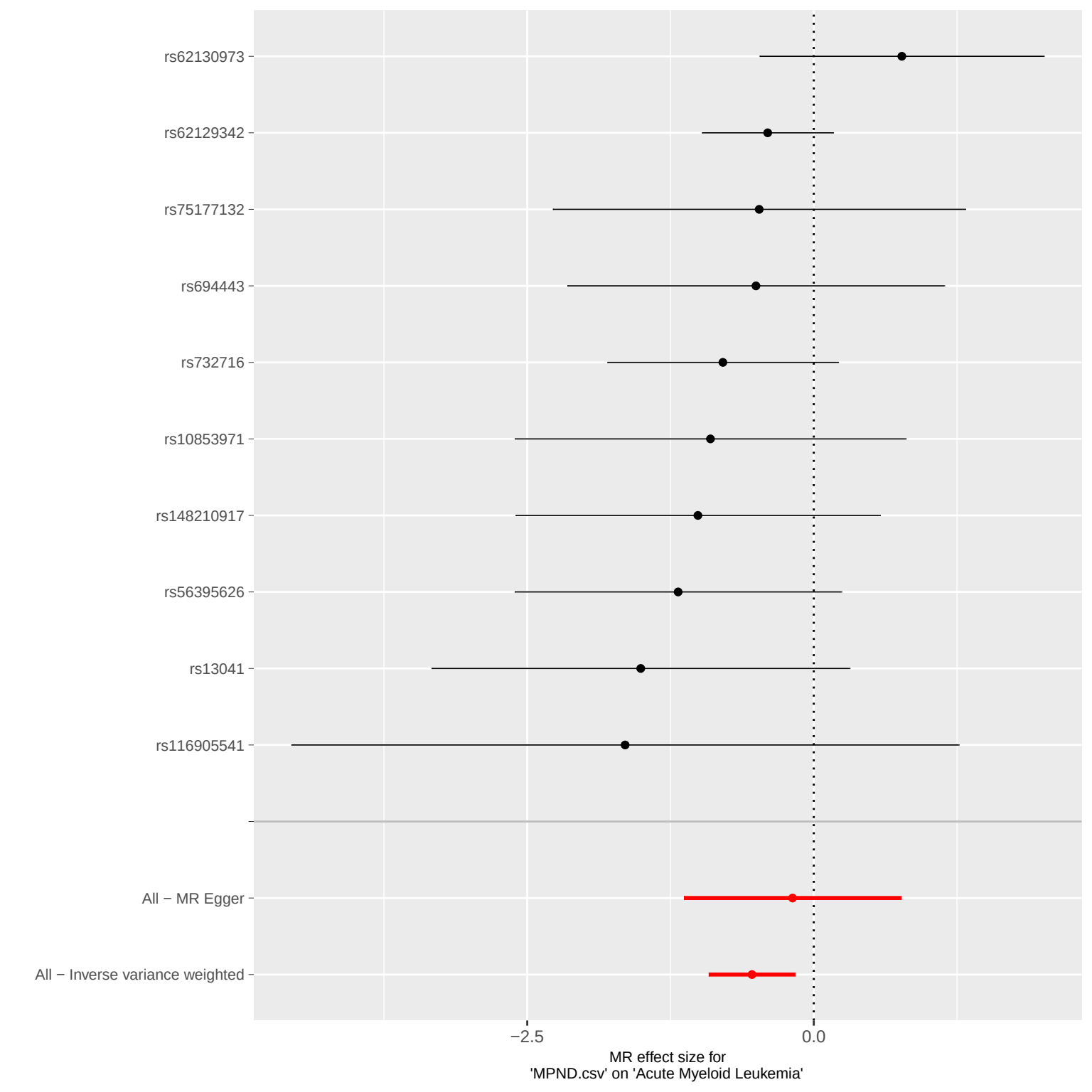
rs34253237
rs218635
rs79528086
rs2249211
rs11700964
rs148395461
rs75936548
rs2250527
rs12626938
rs116906746
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'MORC3.csv' on 'Acute Myeloid Leukemia'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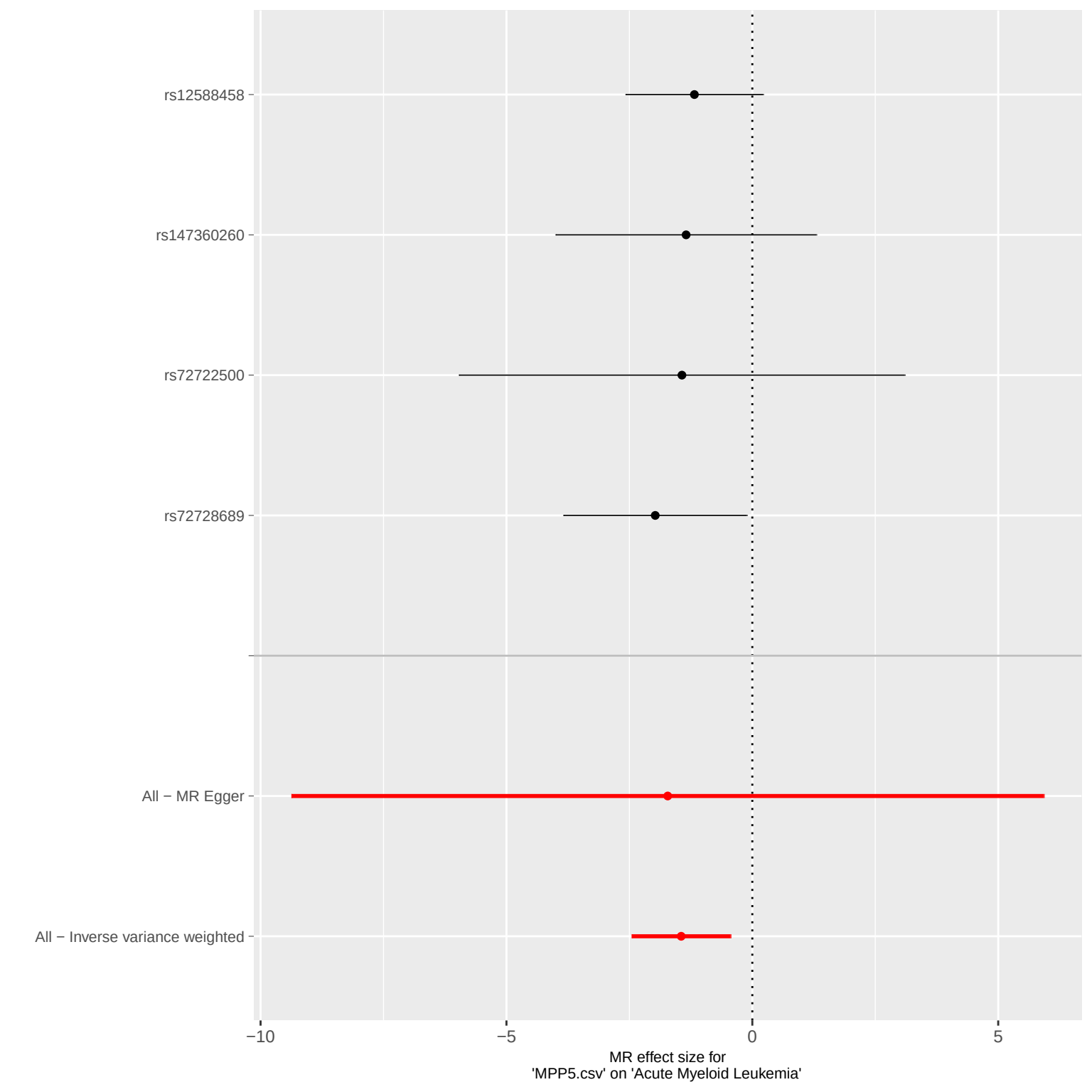
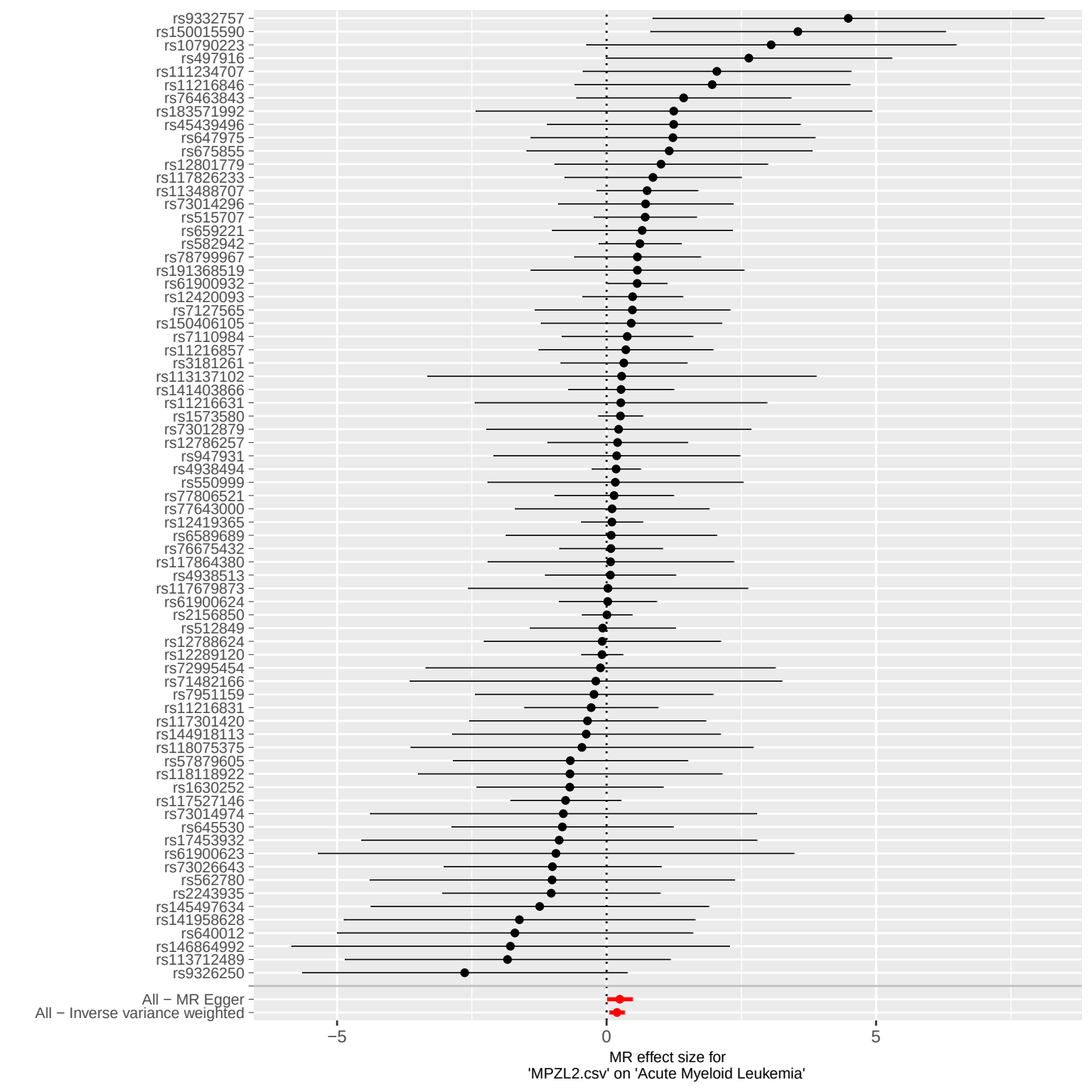
rs75177132
rs694443
rs732716
rs10853971
rs148210917
rs56395626
rs13041
rs116905541
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
MR effect size for
'MPND.csv' on 'Acute Myeloid Leukemia'


rs12588458
rs147360260
rs72722500
rs72728689
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'MPP5.csv' on 'Acute Myeloid Leukemia'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rs11216846
rs76463843
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rs647975
rs675855
rs12801779
rs117826233
rs113488707
rs73014296
rs515707
rs659221
rs582942
rs78799967
rs191368519
rs61900932
rs12420093
rs7127565
rs150406105
rs7110984
rs11216857
rs3181261
rs113137102
rs141403866
rs11216631
rs1573580
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rs947931
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rs77643000
rs12419365
rs6589689
rs76675432
rs117864380
rs4938513
rs117679873
rs61900624
rs2156850
rs512849
rs12788624
rs12289120
rs72995454
rs71482166
rs7951159
rs11216831
rs117301420
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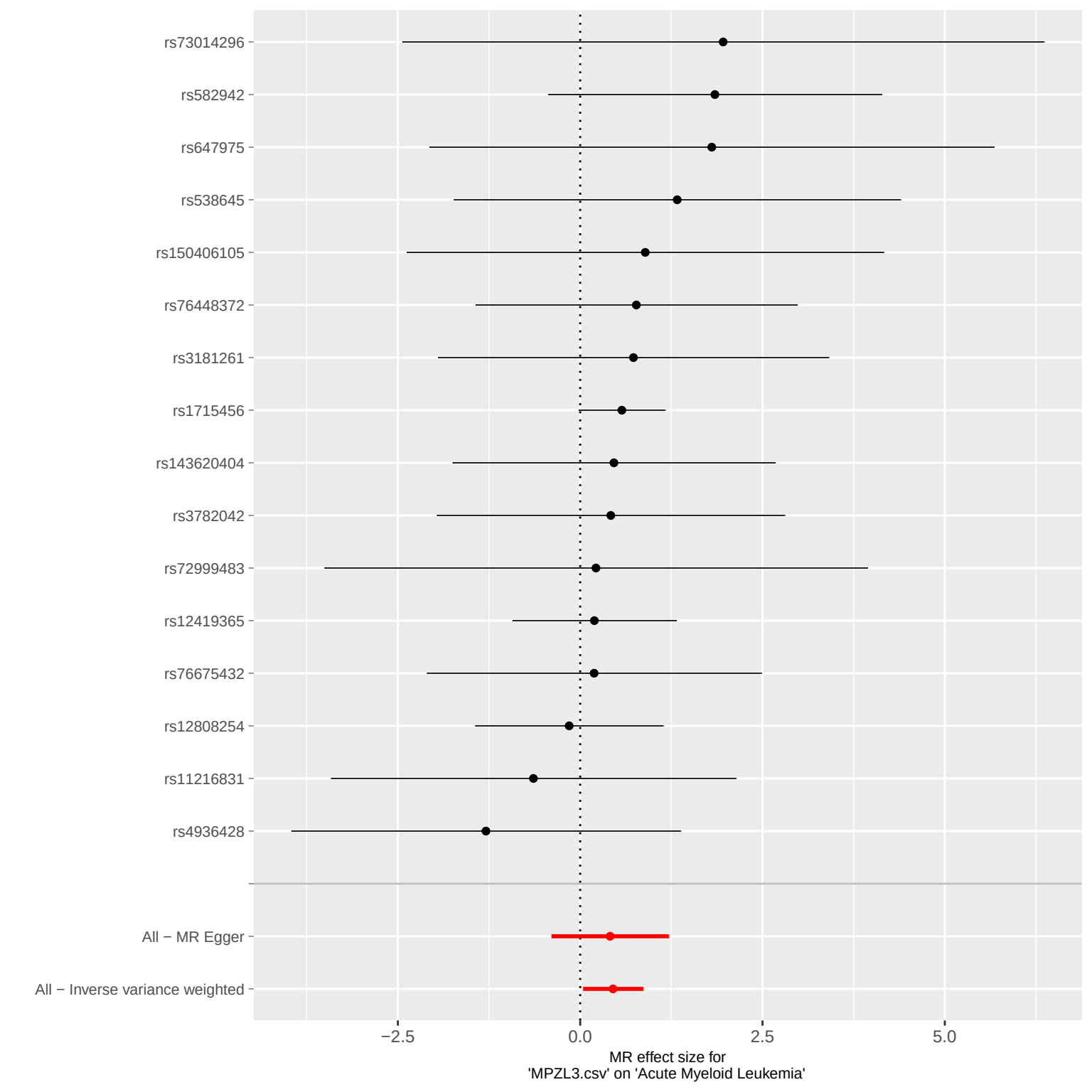
rs118075375
rs57879605
rs118118922
rs1630252
rs117527146
rs73014974
rs645530
rs17453932
rs61900623
rs73026643
rs562780
rs2243935
rs145497634
rs141958628
rs640012
rs146864992
rs113712489
rs9326250
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'MPZL2.csv' on 'Acute Myeloid Leukemia'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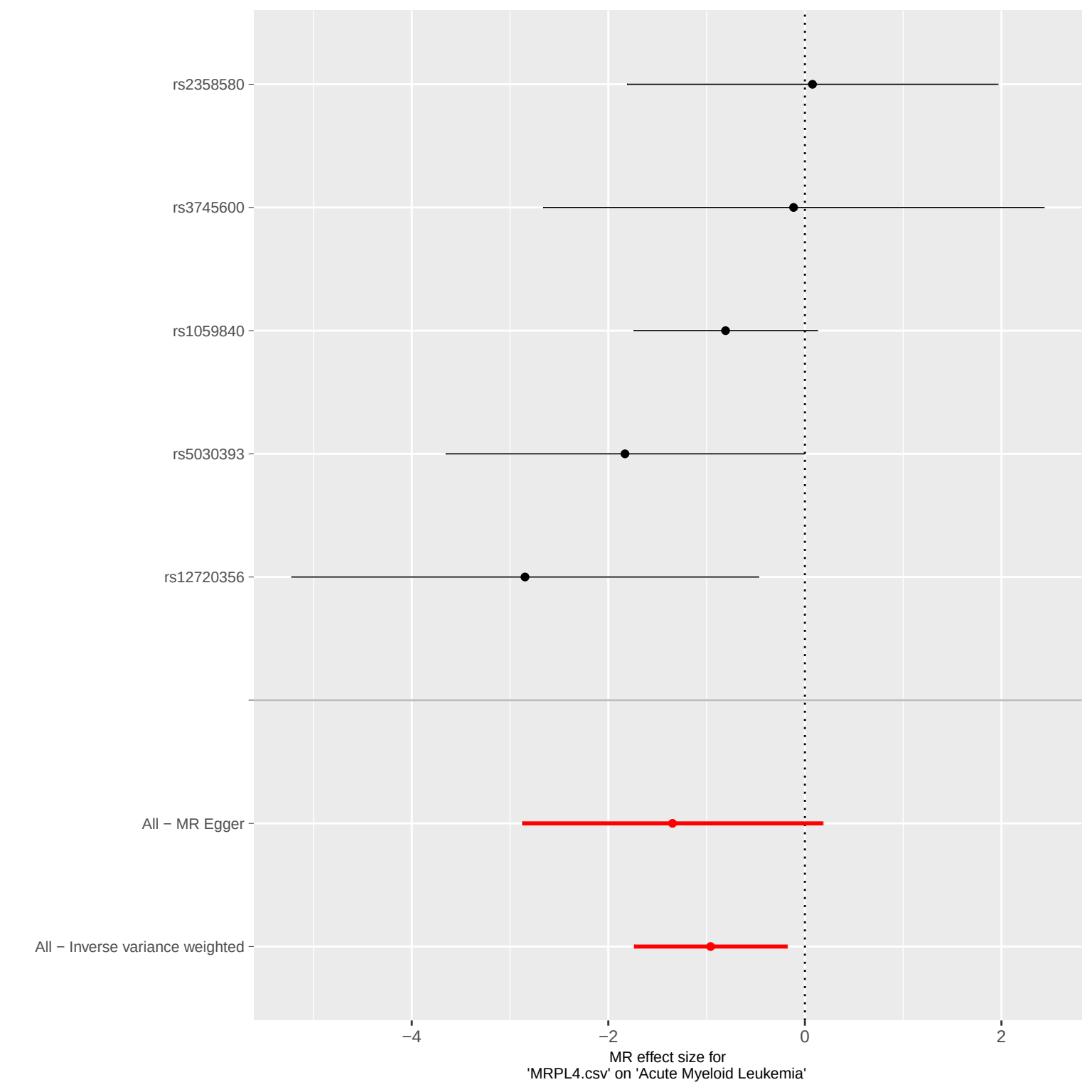
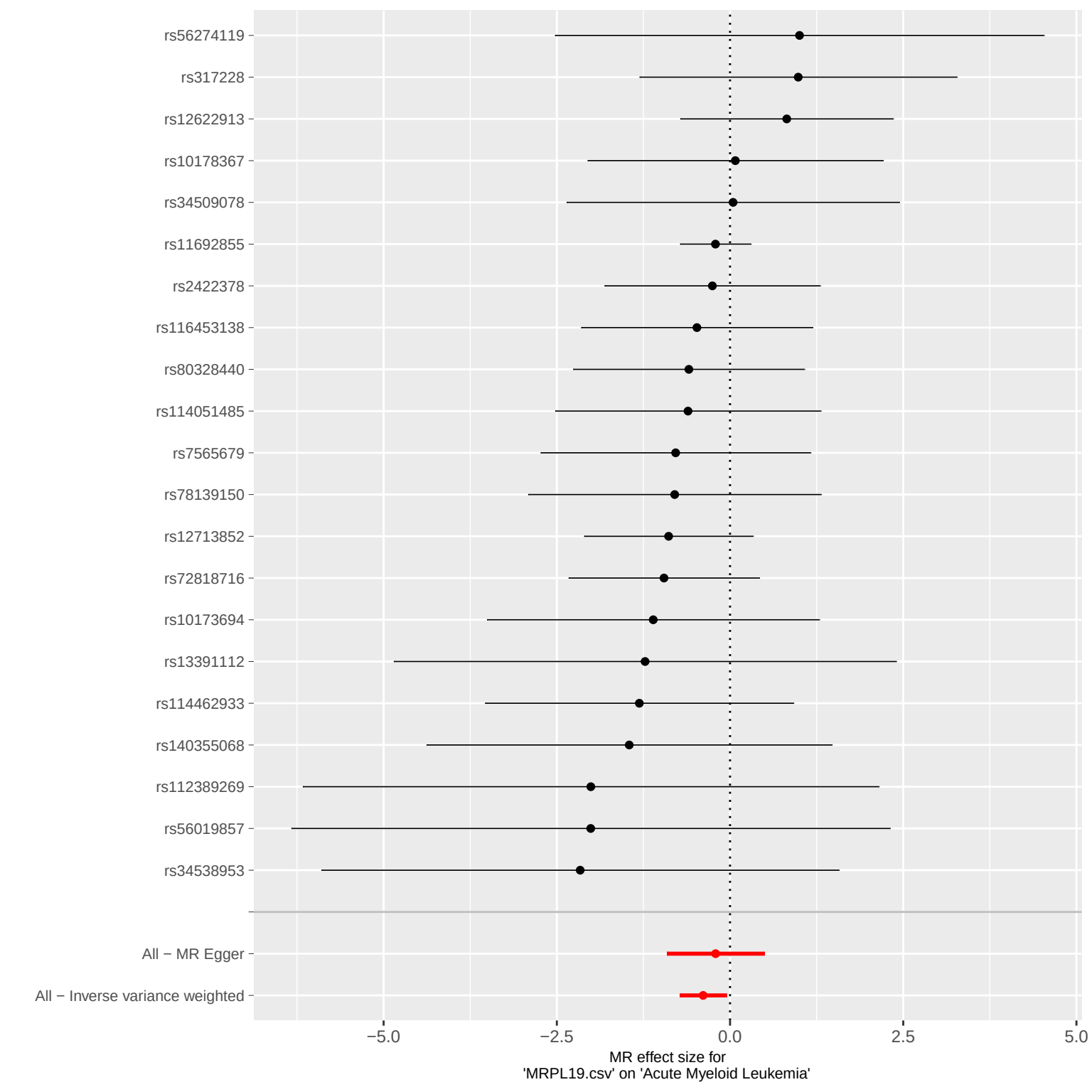
rs582942
rs647975
rs538645
rs150406105
rs76448372
rs3181261
rs1715456
rs143620404
rs3782042
rs72999483
rs12419365
rs76675432
rs12808254
rs11216831
rs4936428
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'MPZL3.csv' on 'Acute Myeloid Leukemia'


rs2358580
rs3745600
rs1059840
rs5030393
rs12720356
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MRPL4.csv' on 'Acute Myeloid Leukemia'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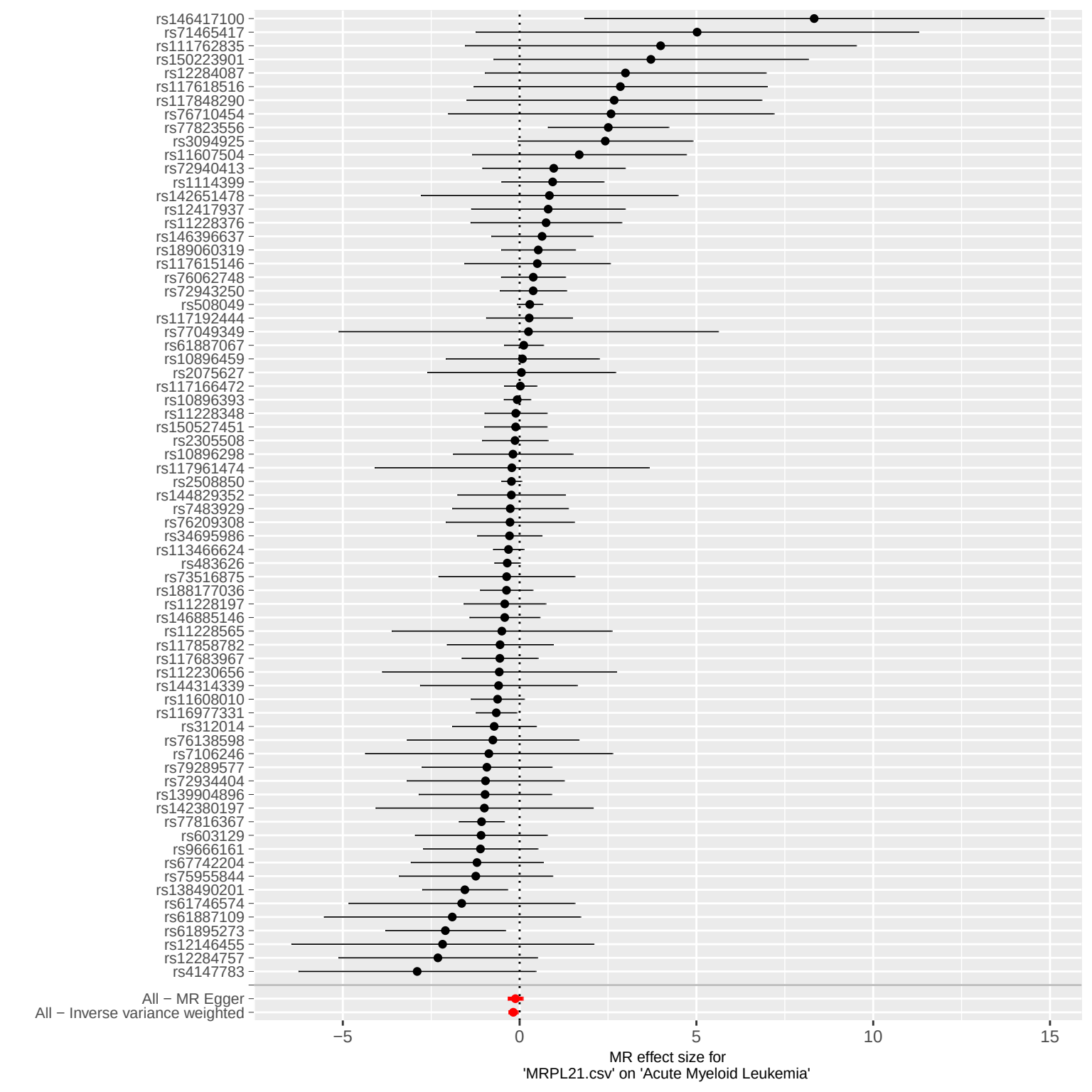
rs317228
rs12622913
rs10178367
rs34509078
rs11692855
rs2422378
rs116453138
rs80328440
rs114051485
rs7565679
rs78139150
rs12713852
rs72818716
rs10173694
rs13391112
rs114462933
rs140355068
rs112389269
rs56019857
rs34538953
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'MRPL19.csv' on 'Acute Myeloid Leukemia'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rs11607504
rs72940413
rs1114399
rs142651478
rs12417937
rs11228376
rs146396637
rs189060319
rs117615146
rs76062748
rs72943250
rs508049
rs117192444
rs77049349
rs61887067
rs10896459
rs2075627
rs117166472
rs10896393
rs11228348
rs150527451
rs2305508
rs10896298
rs117961474
rs2508850
rs144829352
rs7483929
rs76209308
rs34695986
rs113466624
rs483626
rs73516875
rs188177036
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rs312014
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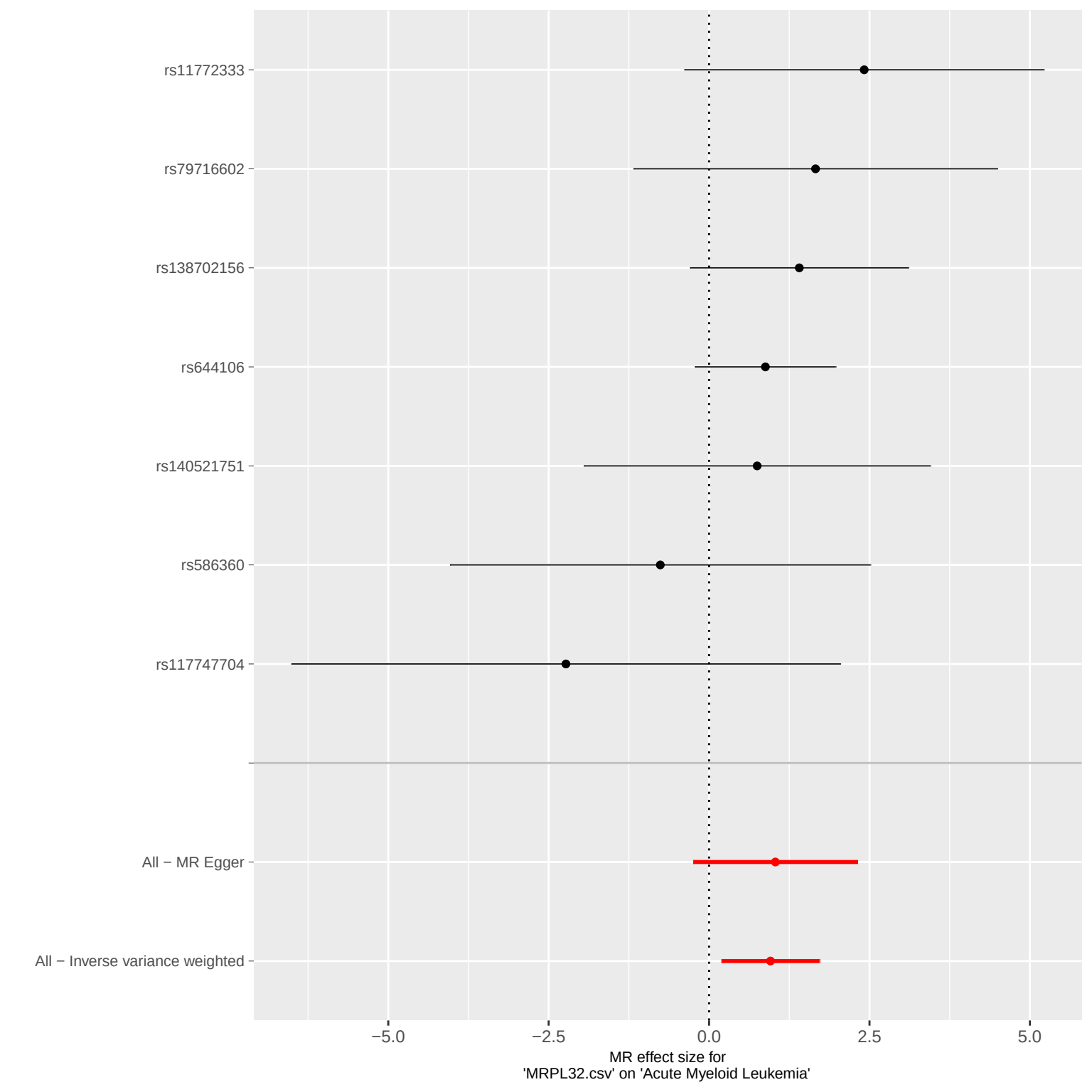
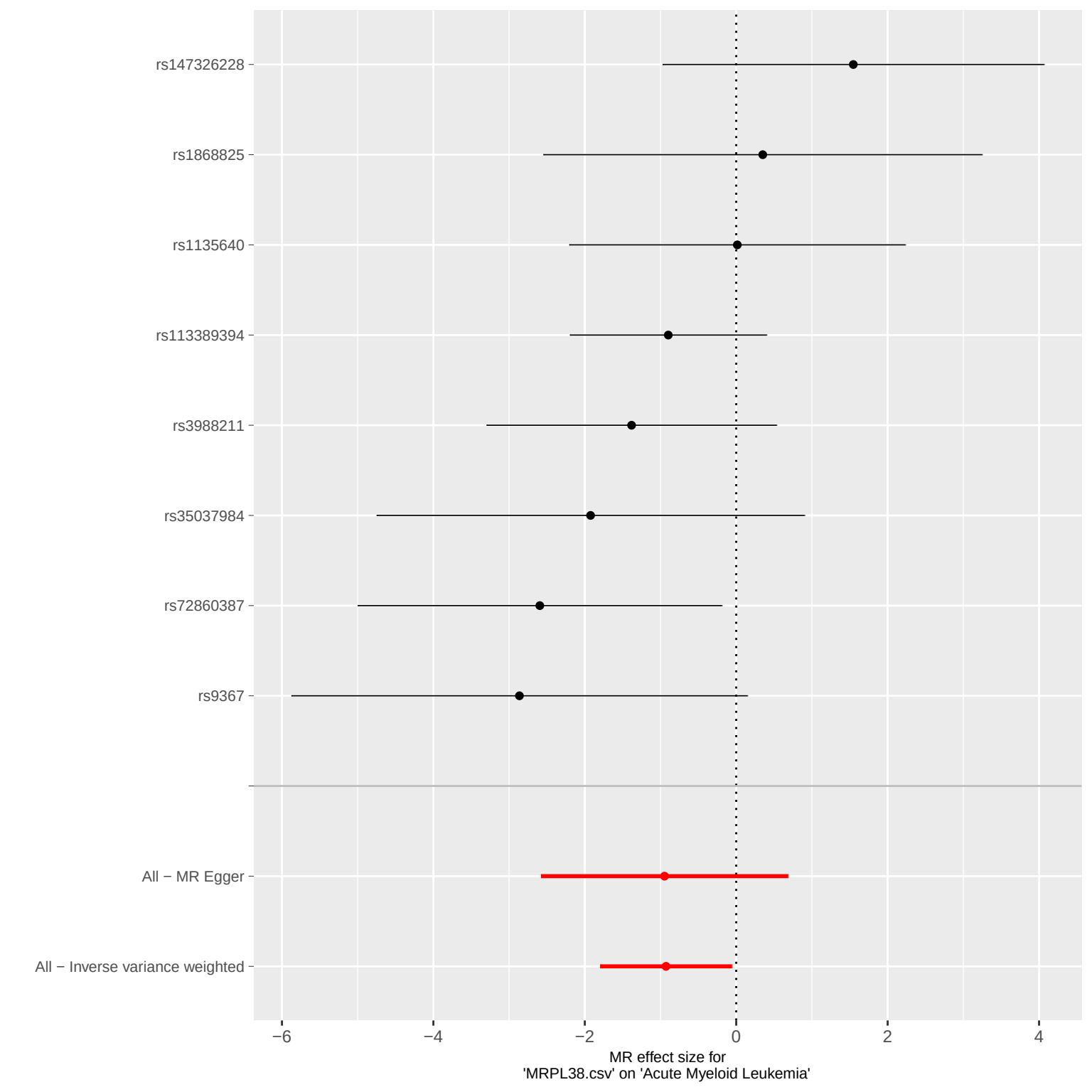
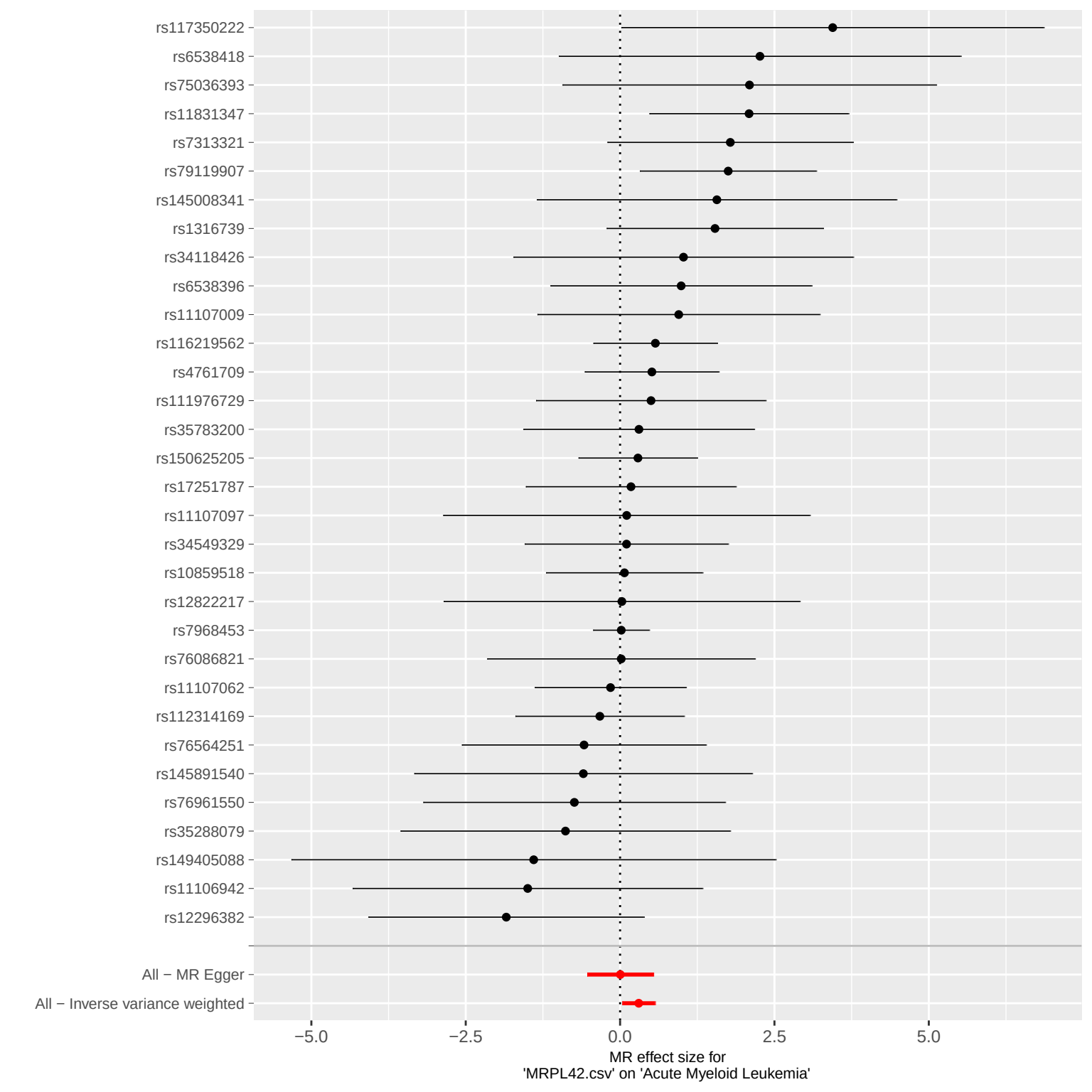
rs139904896
rs142380197
rs77816367
rs603129
rs9666161
rs67742204
rs75955844
rs138490201
rs61746574
rs61887109
rs61895273
rs12146455
rs12284757
rs4147783
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
15
MR effect size for
'MRPL21.csv' on 'Acute Myeloid Leukemia'


rs11772333
rs79716602
rs138702156
rs644106
rs140521751
rs586360
rs117747704
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'MRPL32.csv' on 'Acute Myeloid Leukemia'


rs147326228
rs1868825
rs1135640
rs113389394
rs3988211
rs35037984
rs72860387
rs9367
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'MRPL38.csv' on 'Acute Myeloid Leukemia'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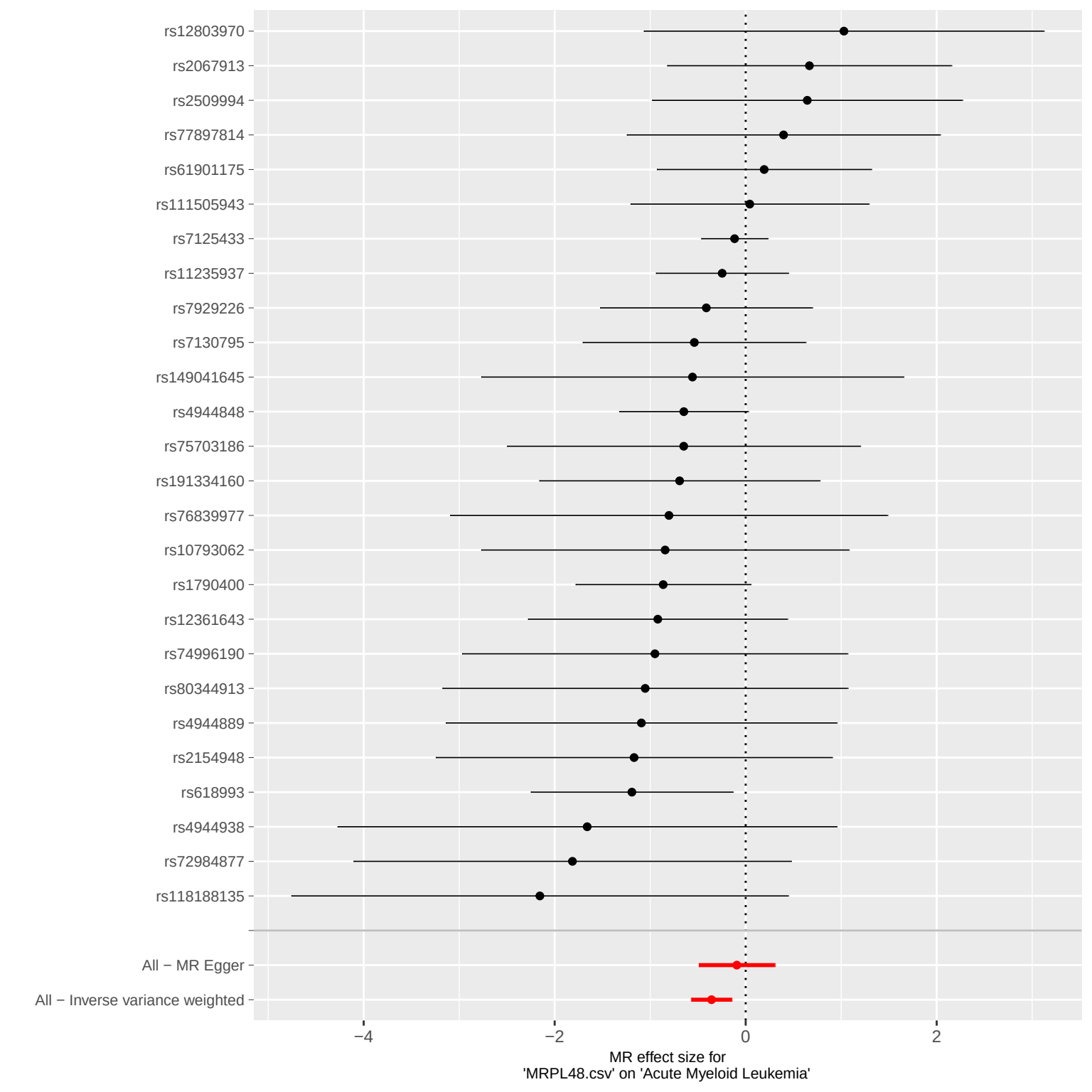
rs7313321
rs79119907
rs145008341
rs1316739
rs34118426
rs6538396
rs11107009
rs116219562
rs4761709
rs111976729
rs35783200
rs150625205
rs17251787
rs11107097
rs34549329
rs10859518
rs12822217
rs7968453
rs76086821
rs11107062
rs112314169
rs76564251
rs145891540
rs76961550
rs35288079
rs149405088
rs11106942
rs12296382
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'MRPL42.csv' on 'Acute Myeloid Leukemia'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rs10793062
rs1790400
rs12361643
rs74996190
rs80344913
rs4944889
rs2154948
rs618993
rs4944938
rs72984877
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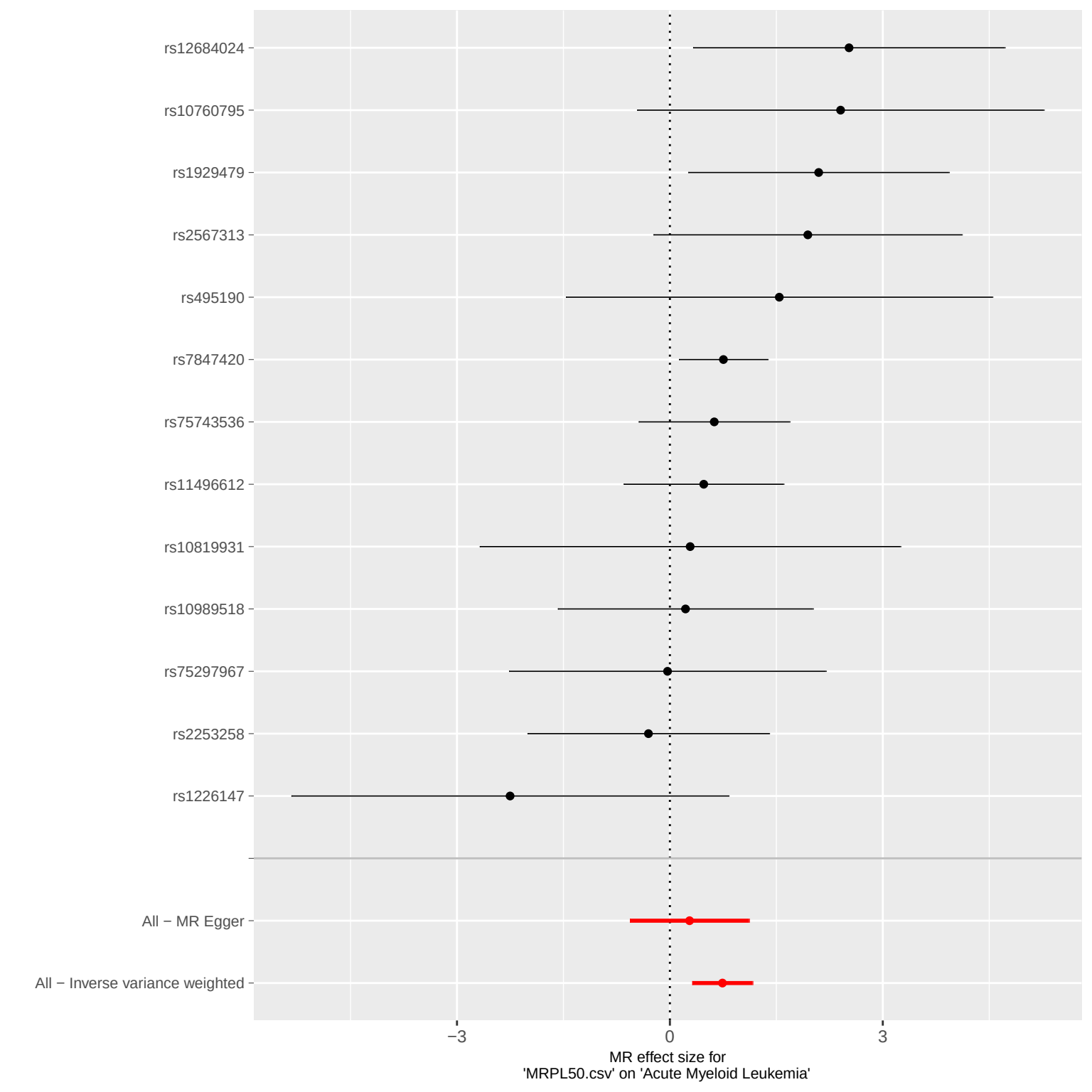
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MRPL48.csv' on 'Acute Myeloid Leukemia'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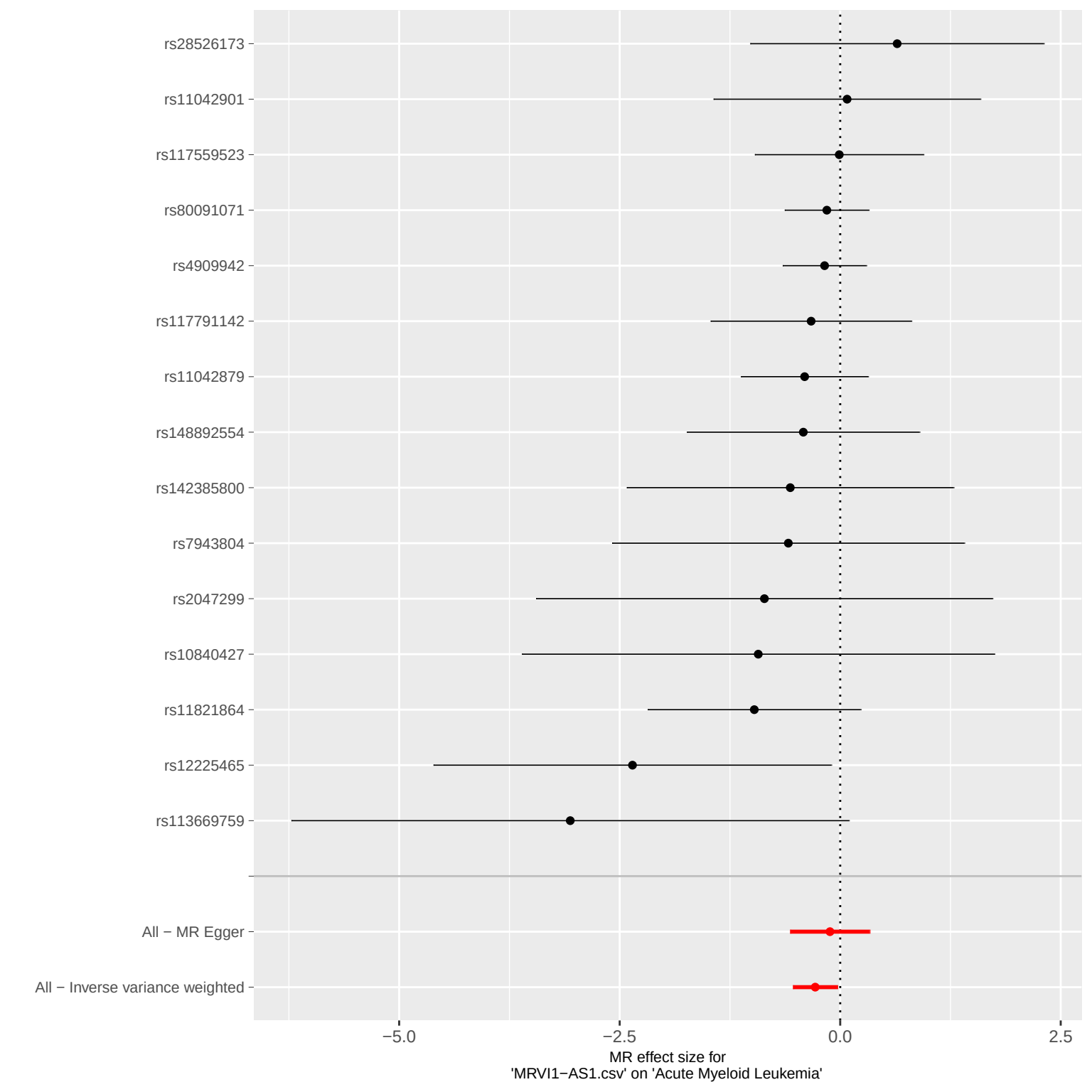
rs2567313
rs495190
rs7847420
rs75743536
rs11496612
rs10819931
rs10989518
rs75297967
rs2253258
rs1226147
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'MRPL50.csv' on 'Acute Myeloid Leukemia'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rs4909942
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rs148892554
rs142385800
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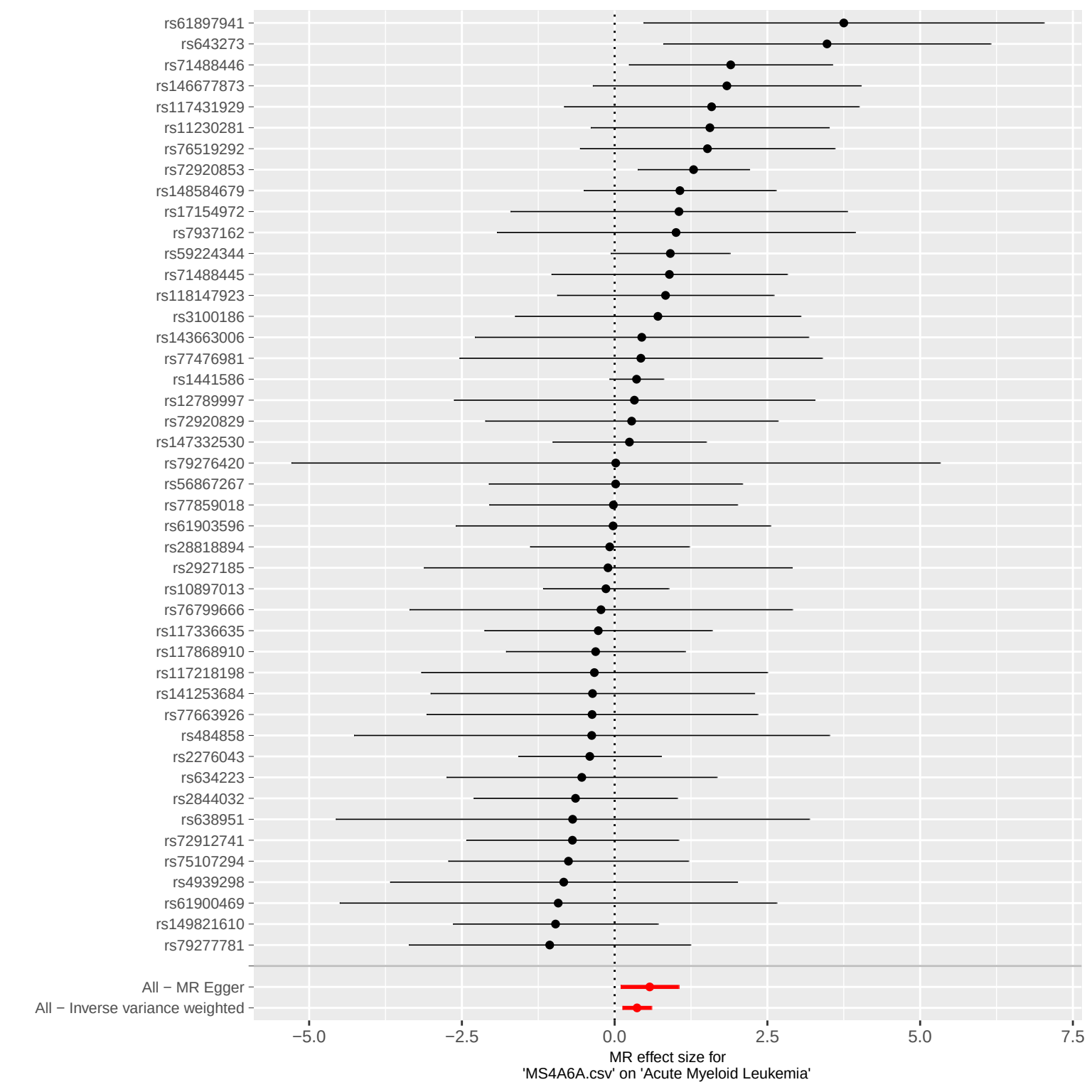
rs2047299
rs10840427
rs11821864
rs12225465
rs113669759
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MRVI1−AS1.csv' on 'Acute Myeloid Leukemia'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rs143663006
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rs2276043
rs634223
rs2844032
rs638951
rs72912741
rs75107294
rs4939298
rs61900469
rs149821610
rs79277781
All − MR Egger
All − Inverse variance weighted
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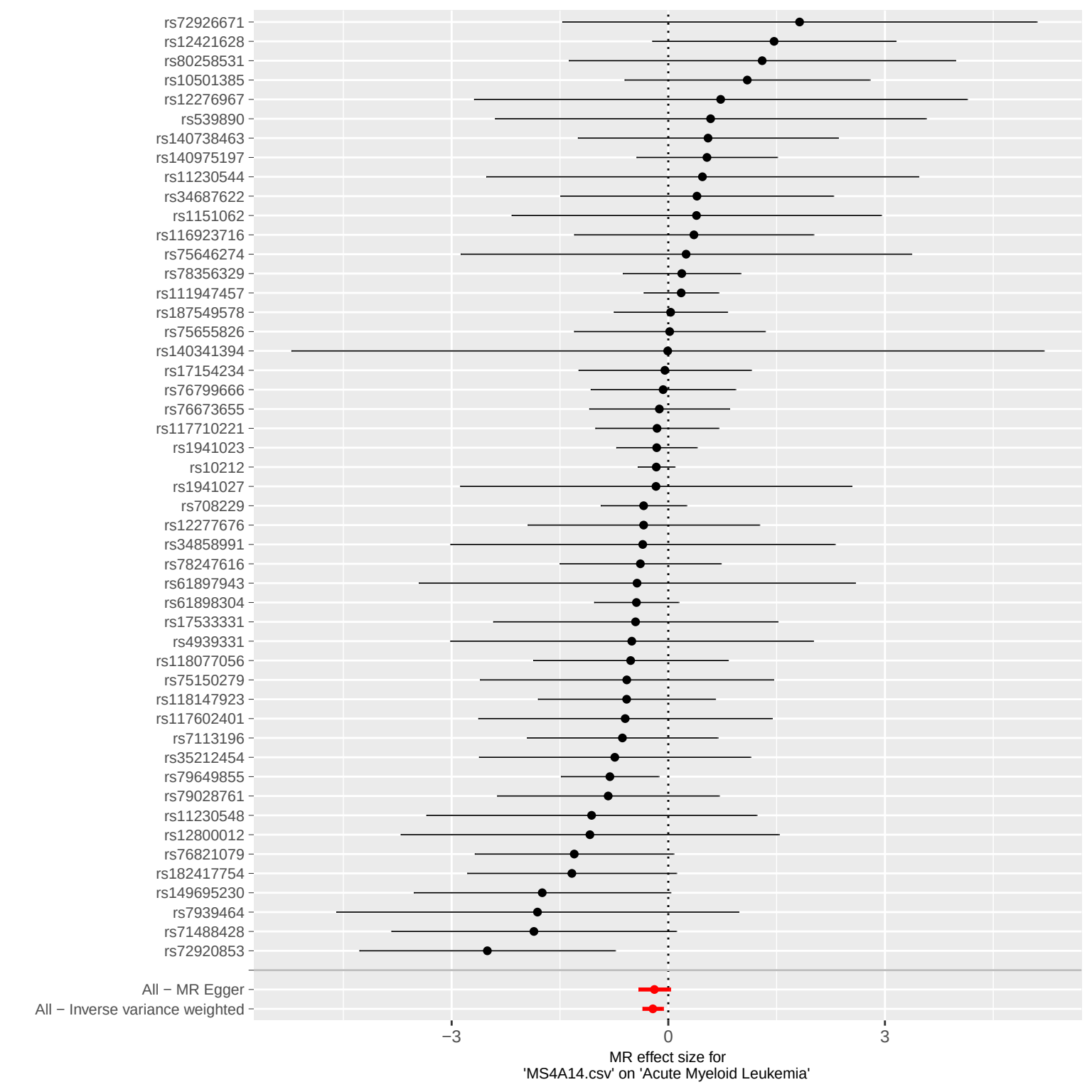
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'MS4A6A.csv' on 'Acute Myeloid Leukemia'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rs116923716
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rs78356329
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rs187549578
rs75655826
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rs78247616
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rs61898304
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rs4939331
rs118077056
rs75150279
rs118147923
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rs7113196
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rs79649855
rs79028761
rs11230548
rs12800012
rs76821079
rs182417754
rs149695230
rs7939464
rs71488428
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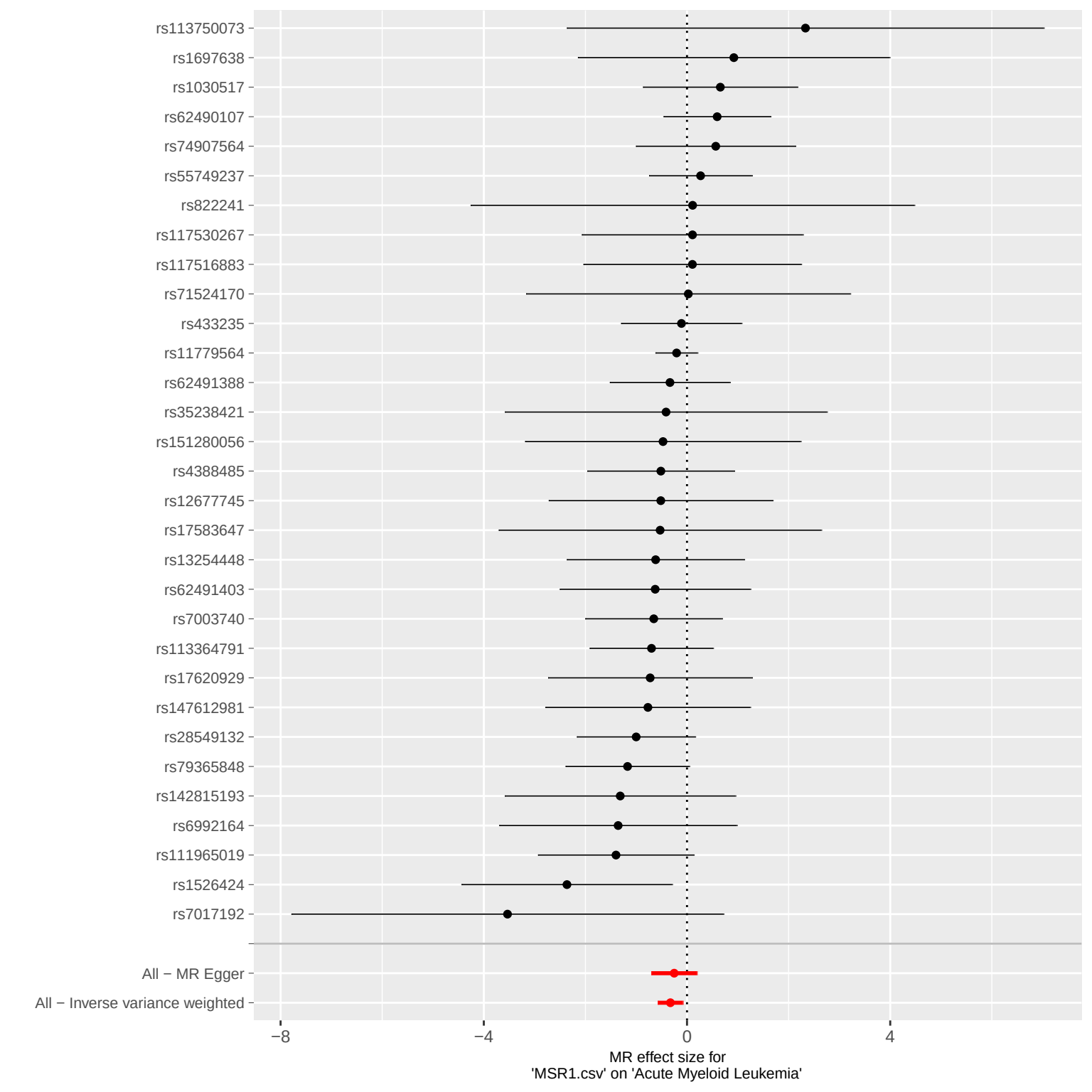
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'MS4A14.csv' on 'Acute Myeloid Leukemia'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rs62491403
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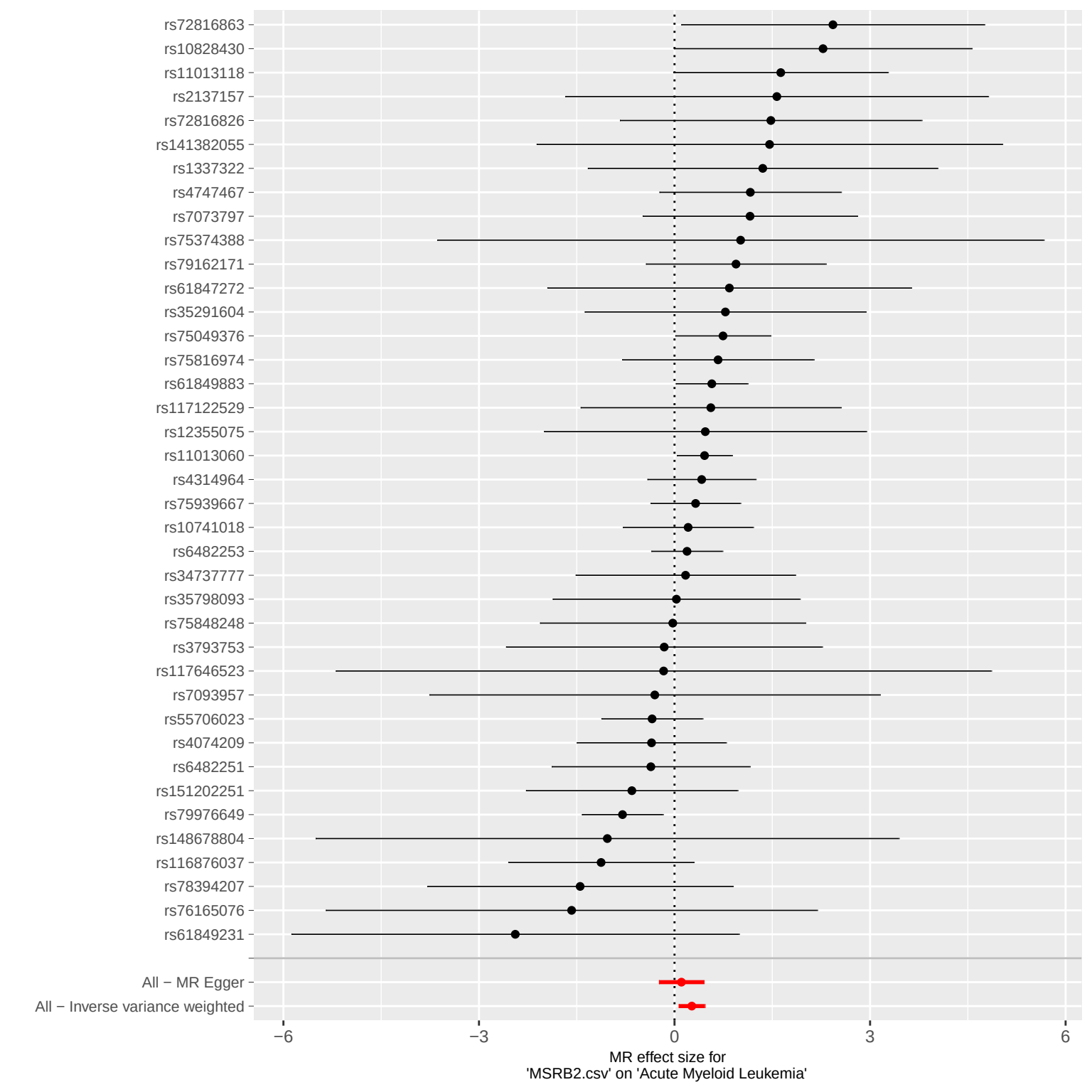
rs147612981
rs28549132
rs79365848
rs142815193
rs6992164
rs111965019
rs1526424
rs7017192
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MSR1.csv' on 'Acute Myeloid Leukemia'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rs61847272
rs35291604
rs75049376
rs75816974
rs61849883
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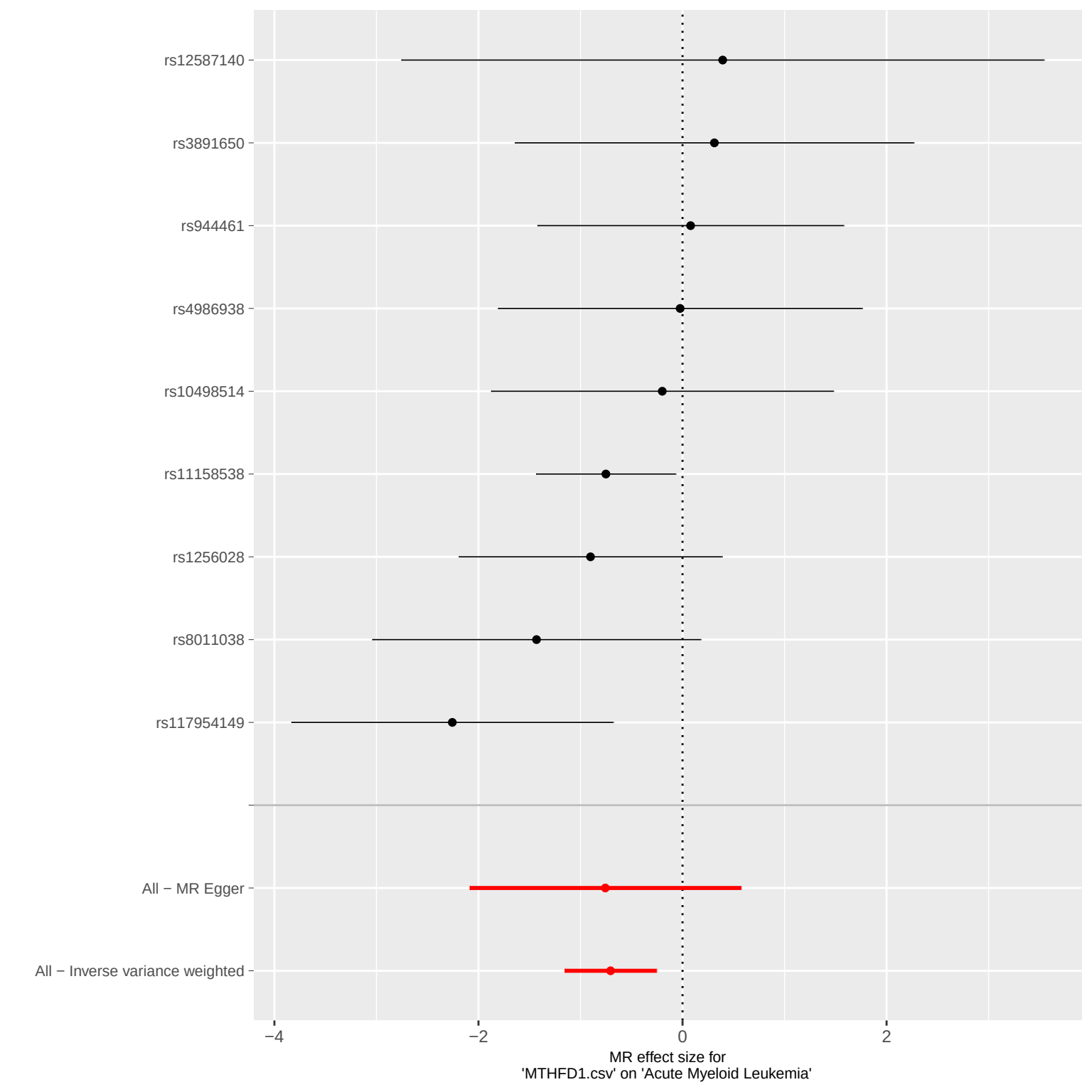
rs11013060
rs4314964
rs75939667
rs10741018
rs6482253
rs34737777
rs35798093
rs75848248
rs3793753
rs117646523
rs7093957
rs55706023
rs4074209
rs6482251
rs151202251
rs79976649
rs148678804
rs116876037
rs78394207
rs76165076
rs61849231
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'MSRB2.csv' on 'Acute Myeloid Leukemia'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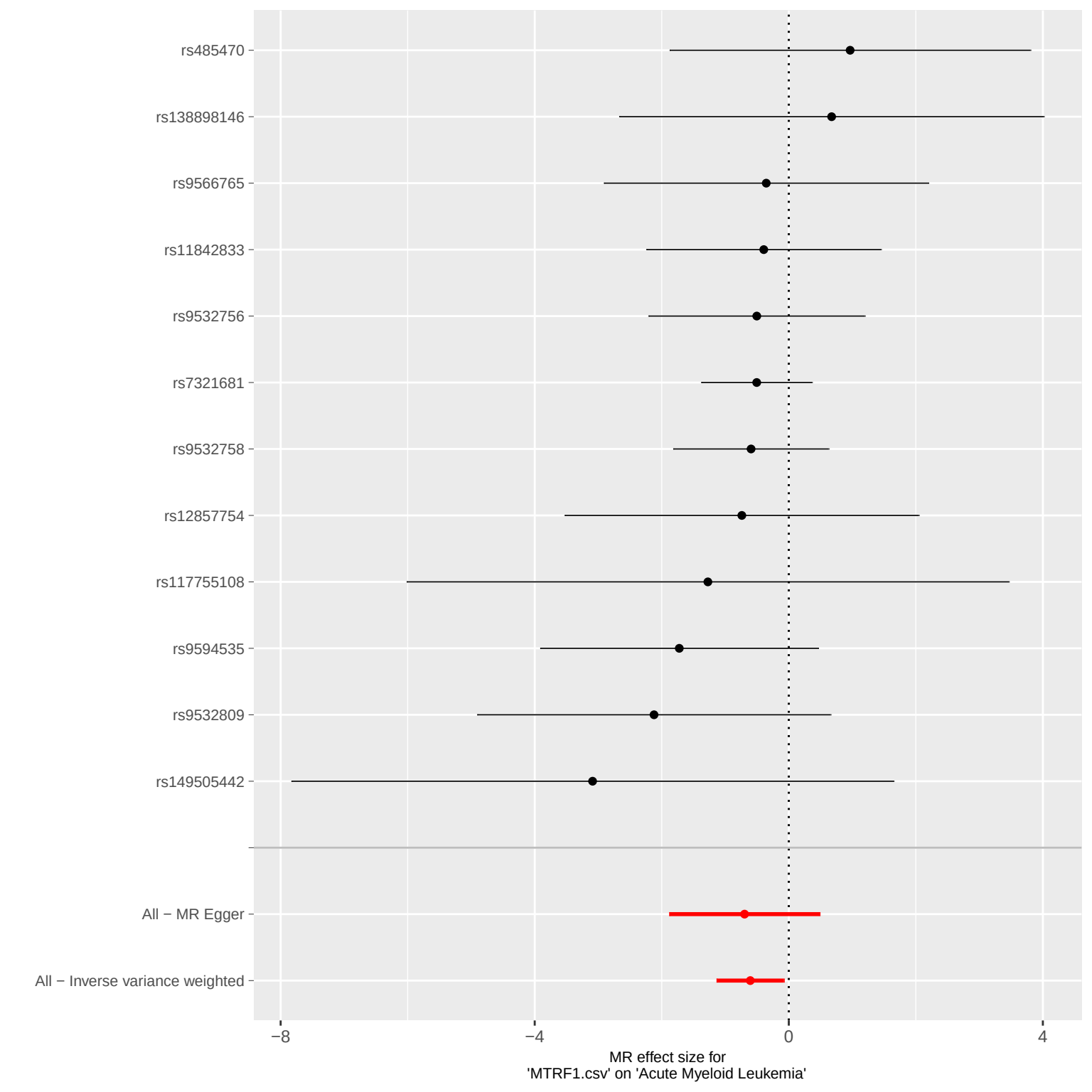
rs3891650
rs944461
rs4986938
rs10498514
rs11158538
rs1256028
rs8011038
rs117954149
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MTHFD1.csv' on 'Acute Myeloid Leukemia'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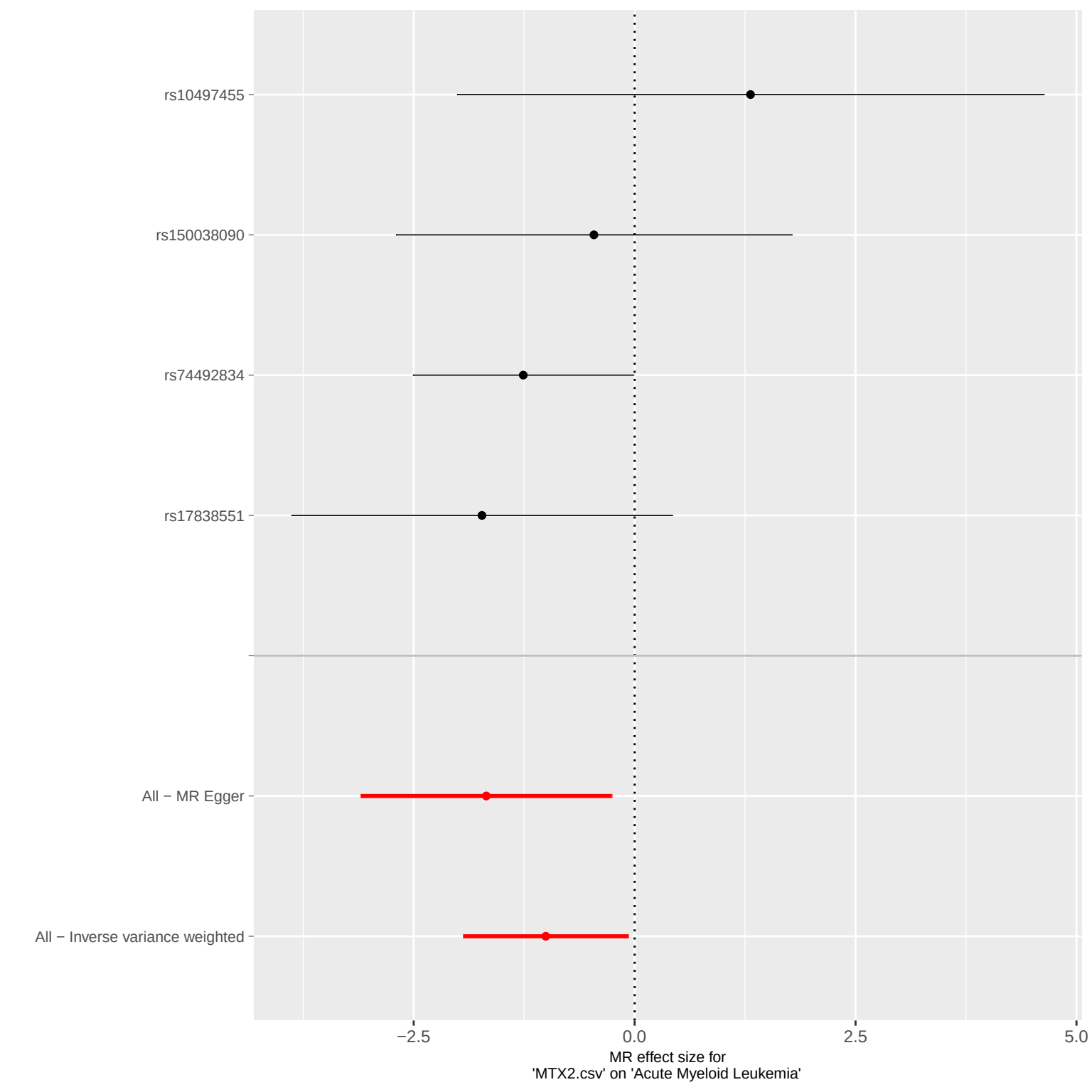
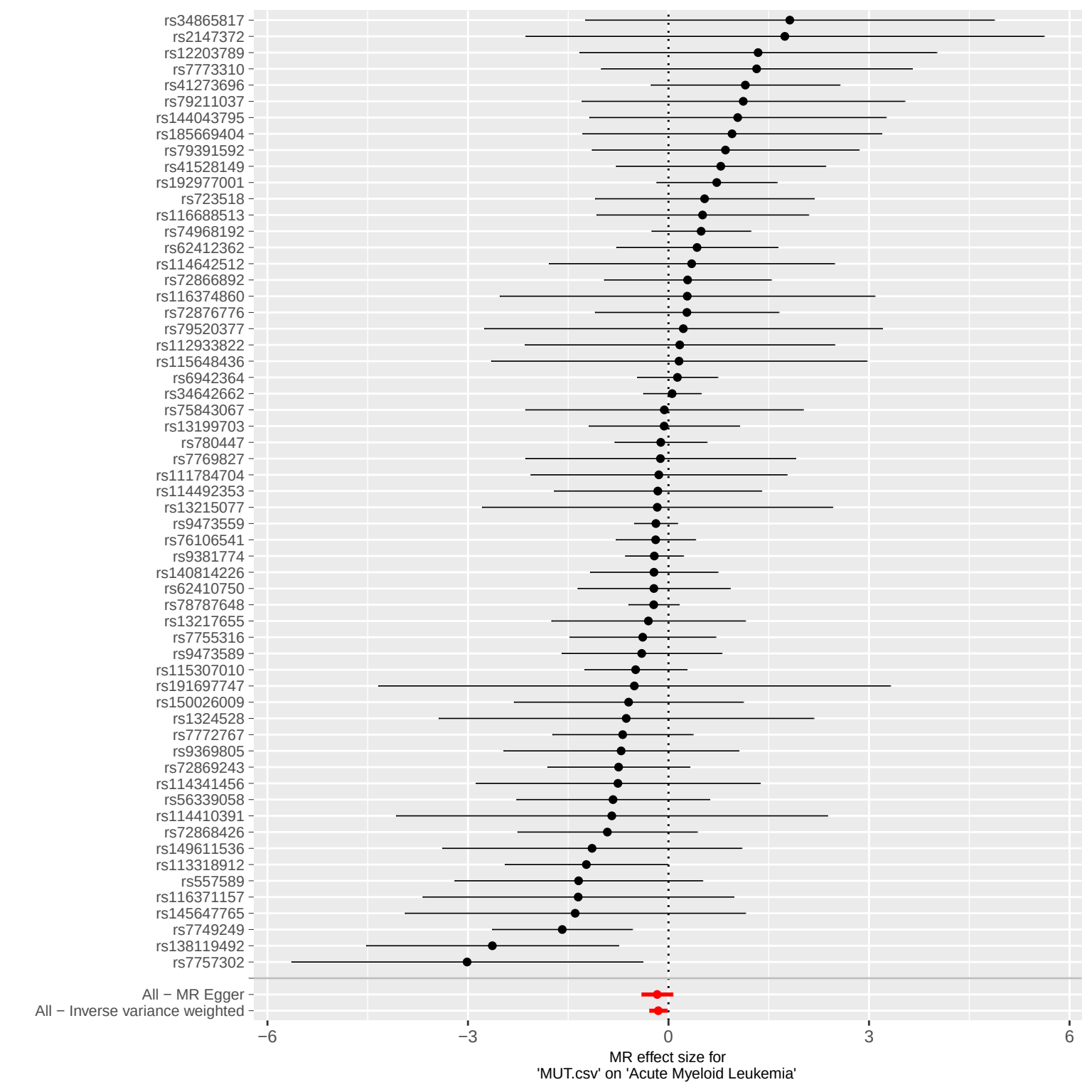
rs9566765
rs11842833
rs9532756
rs7321681
rs9532758
rs12857754
rs117755108
rs9594535
rs9532809
rs149505442
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'MTRF1.csv' on 'Acute Myeloid Leukemia'


rs10497455
rs150038090
rs74492834
rs17838551
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'MTX2.csv' on 'Acute Myeloid Leukemia'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rs41528149
rs192977001
rs723518
rs116688513
rs74968192
rs62412362
rs114642512
rs72866892
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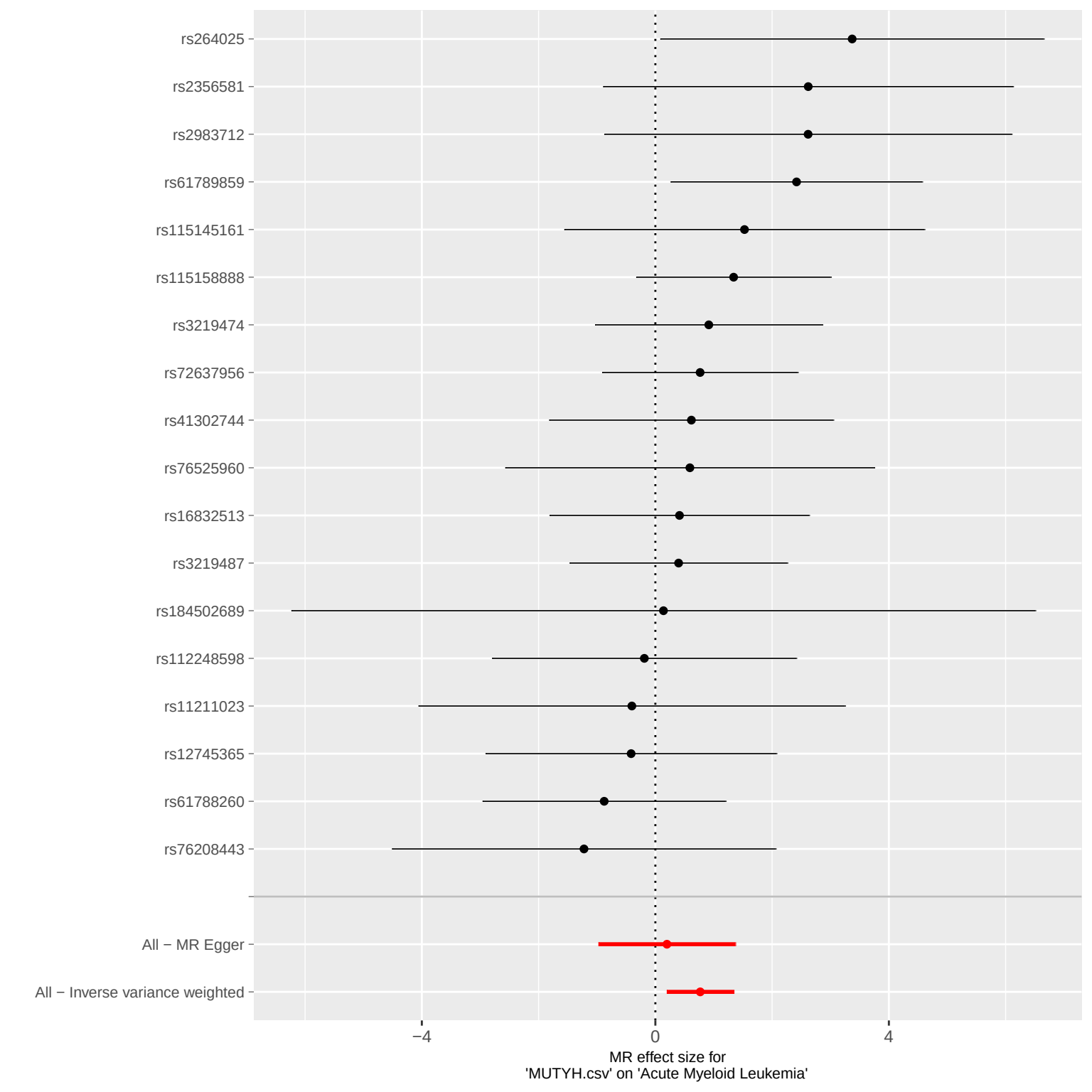
rs72868426
rs149611536
rs113318912
rs557589
rs116371157
rs145647765
rs7749249
rs138119492
rs7757302
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'MUT.csv' on 'Acute Myeloid Leukemia'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rs2983712
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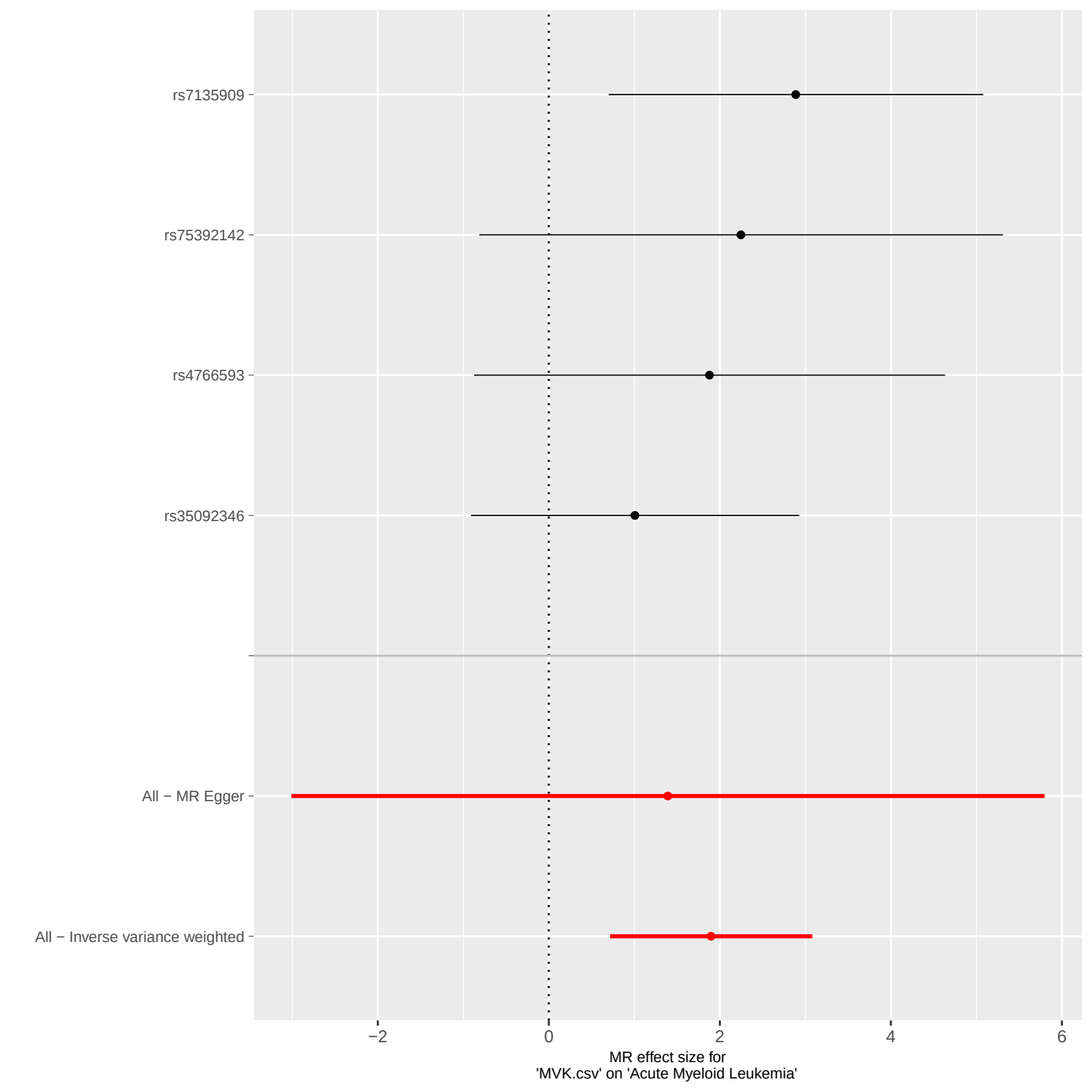
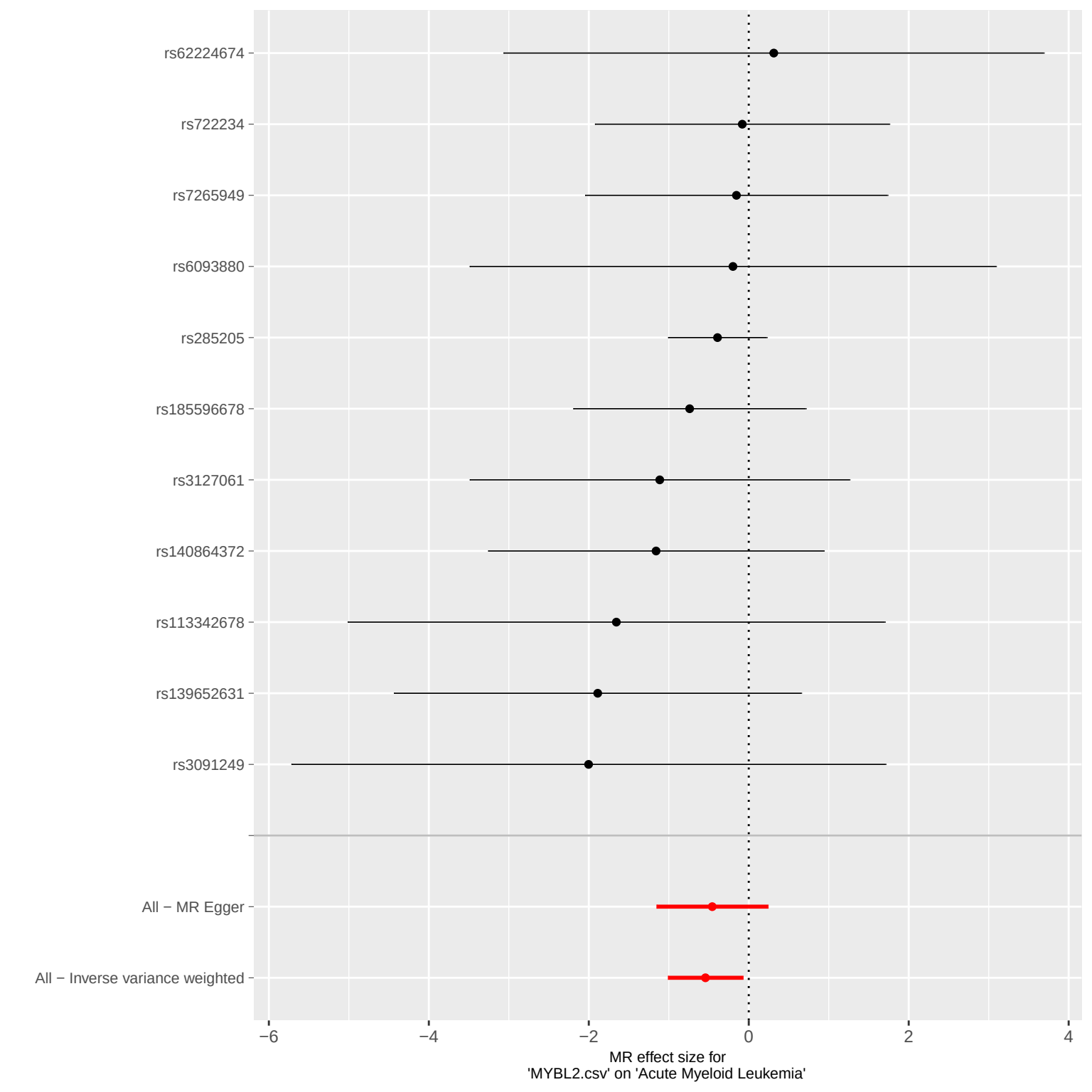
rs3219474
rs72637956
rs41302744
rs76525960
rs16832513
rs3219487
rs184502689
rs112248598
rs11211023
rs12745365
rs61788260
rs76208443
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'MUTYH.csv' on 'Acute Myeloid Leukemia'


rs7135909
rs75392142
rs4766593
rs35092346
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'MVK.csv' on 'Acute Myeloid Leukemia'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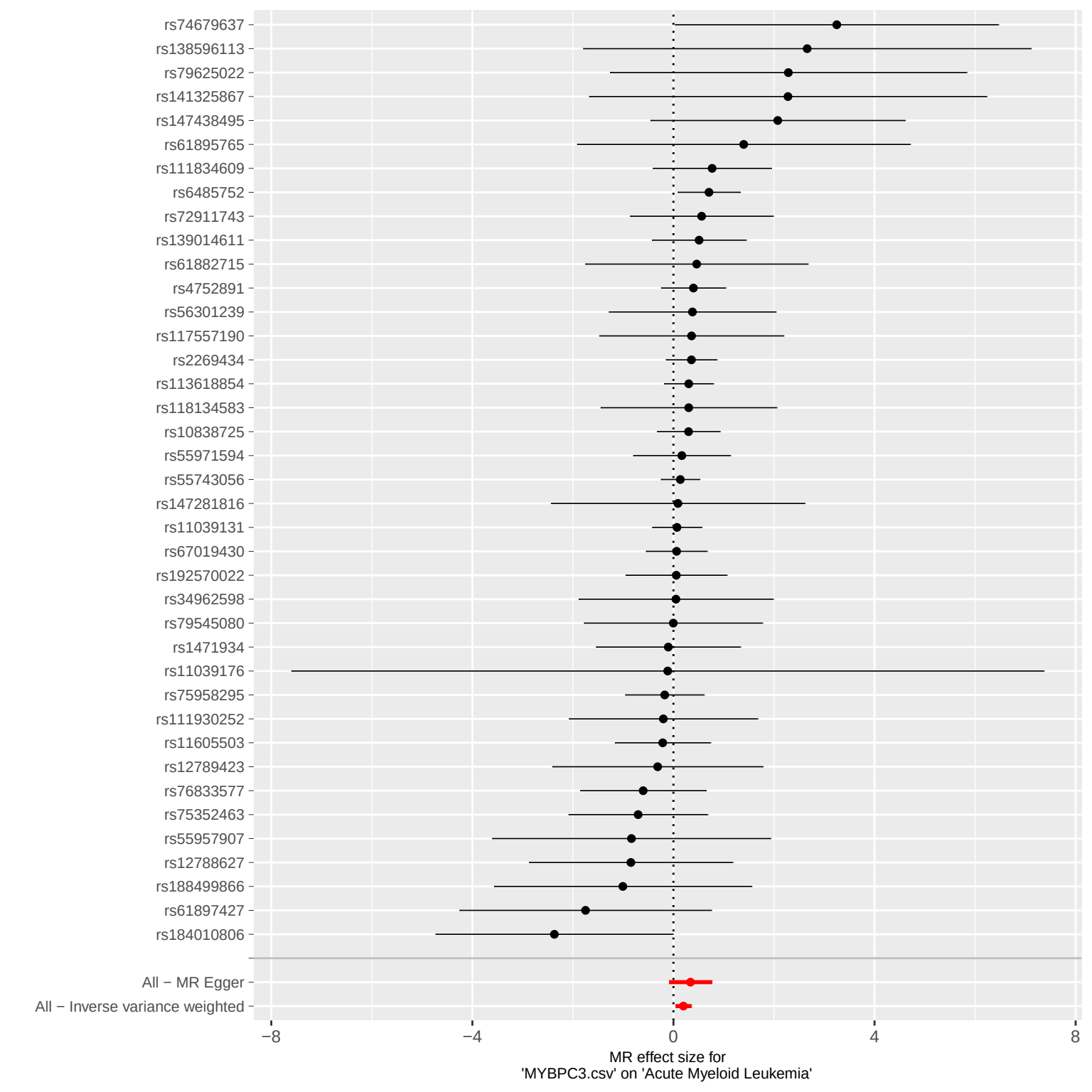
rs722234
rs7265949
rs6093880
rs285205
rs185596678
rs3127061
rs140864372
rs113342678
rs139652631
rs3091249
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'MYBL2.csv' on 'Acute Myeloid Leukemia'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rs61882715
rs4752891
rs56301239
rs117557190
rs2269434
rs113618854
rs118134583
rs10838725
rs55971594
rs55743056
rs147281816
rs11039131
rs67019430
rs192570022
rs34962598
rs79545080
rs1471934
rs11039176
rs75958295
rs111930252
rs11605503
rs12789423
rs76833577
rs75352463
rs55957907
rs12788627
rs188499866
rs61897427
rs184010806
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
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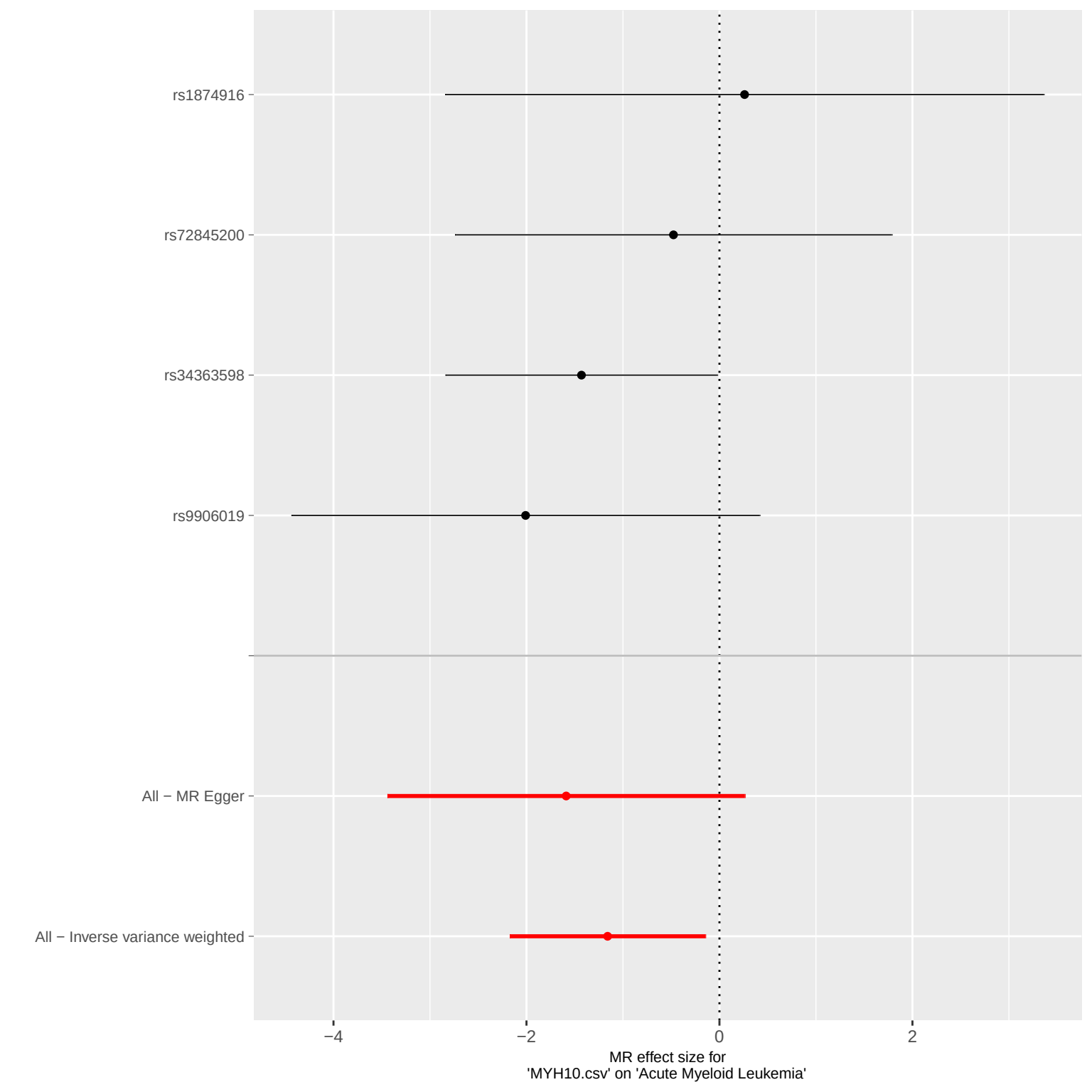
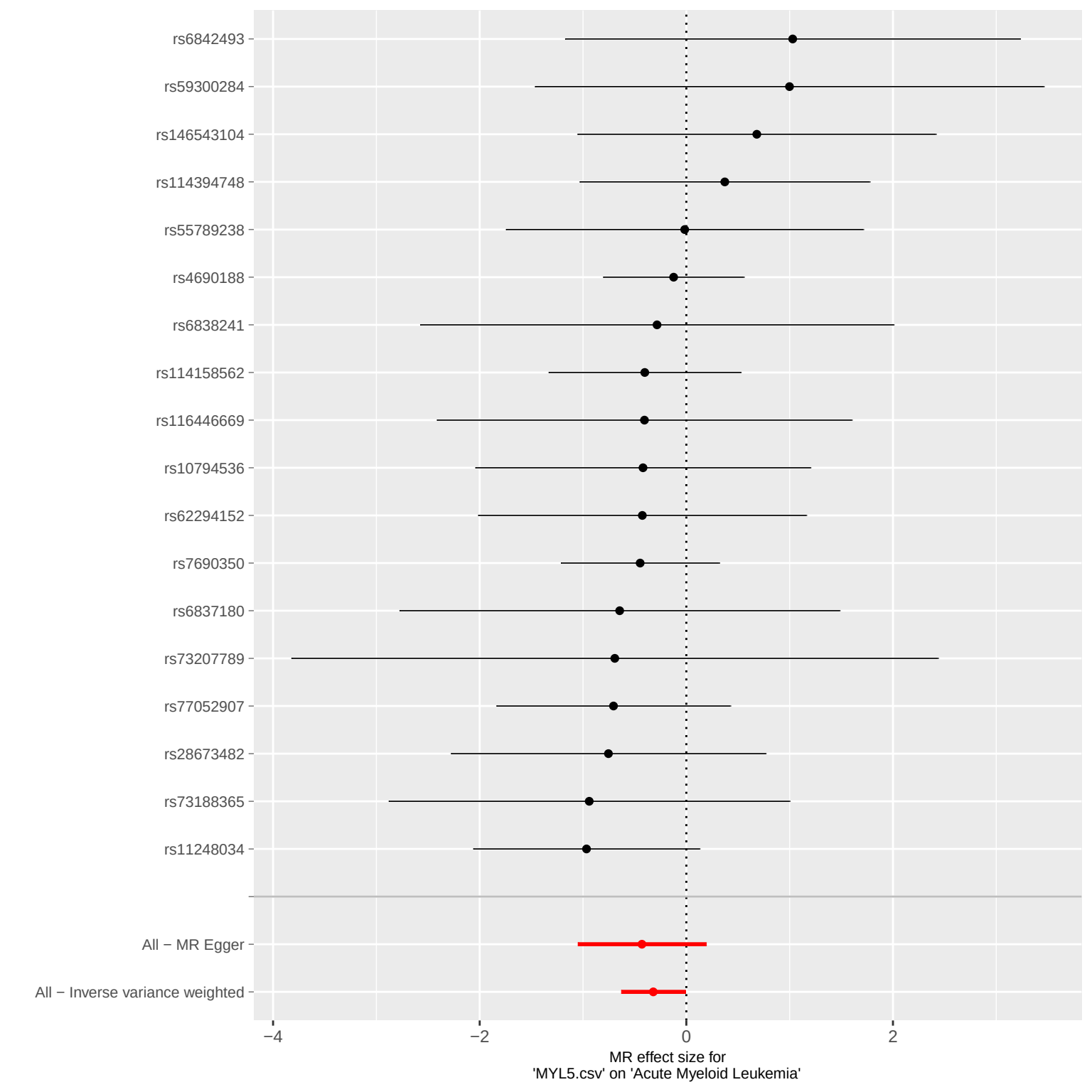
MR effect size for
'MYBPC3.csv' on 'Acute Myeloid Leukemia'


rs1874916
rs72845200
rs34363598
rs9906019
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MYH10.csv' on 'Acute Myeloid Leukemia'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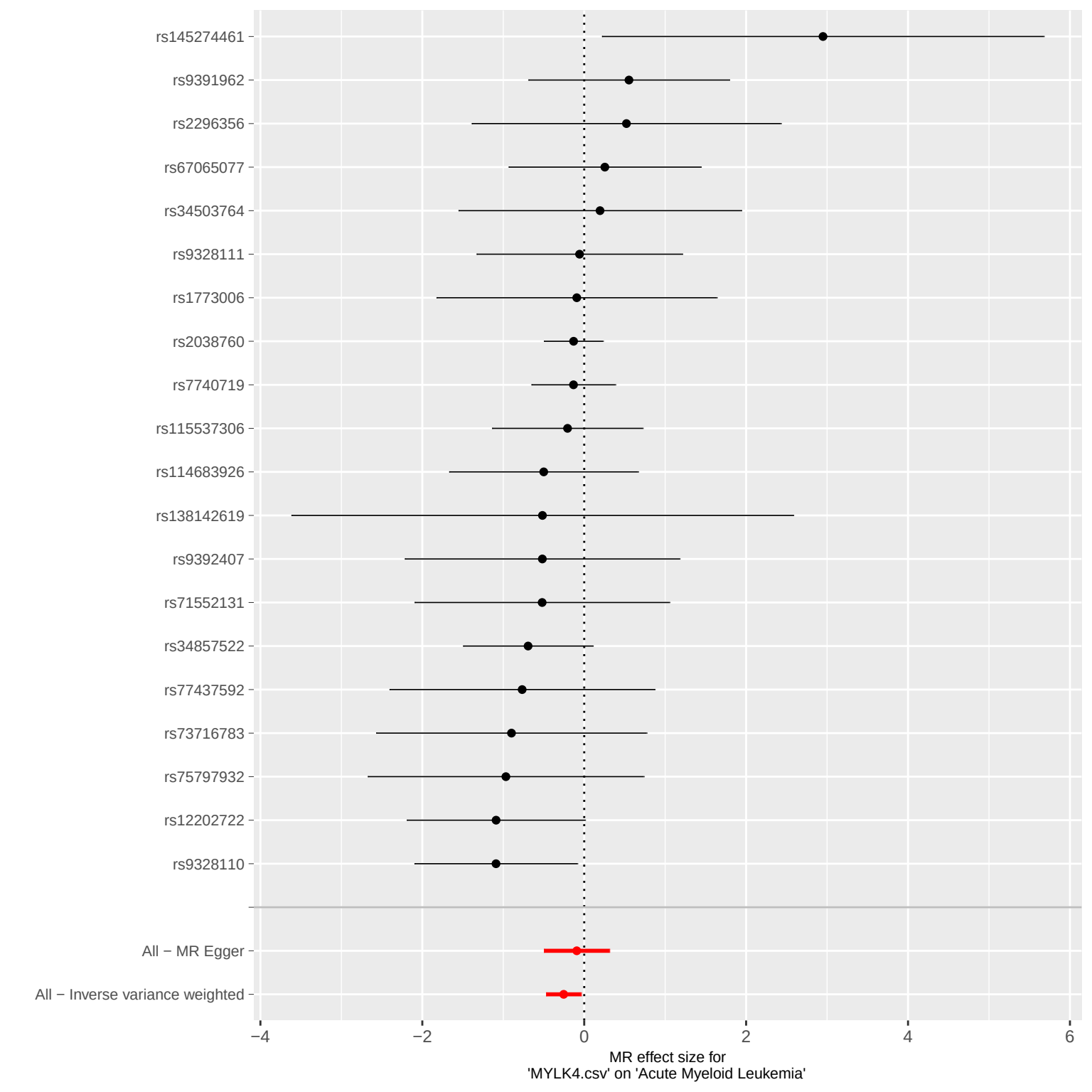
rs116446669
rs10794536
rs62294152
rs7690350
rs6837180
rs73207789
rs77052907
rs28673482
rs73188365
rs11248034
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MYL5.csv' on 'Acute Myeloid Leukemia'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rs7740719
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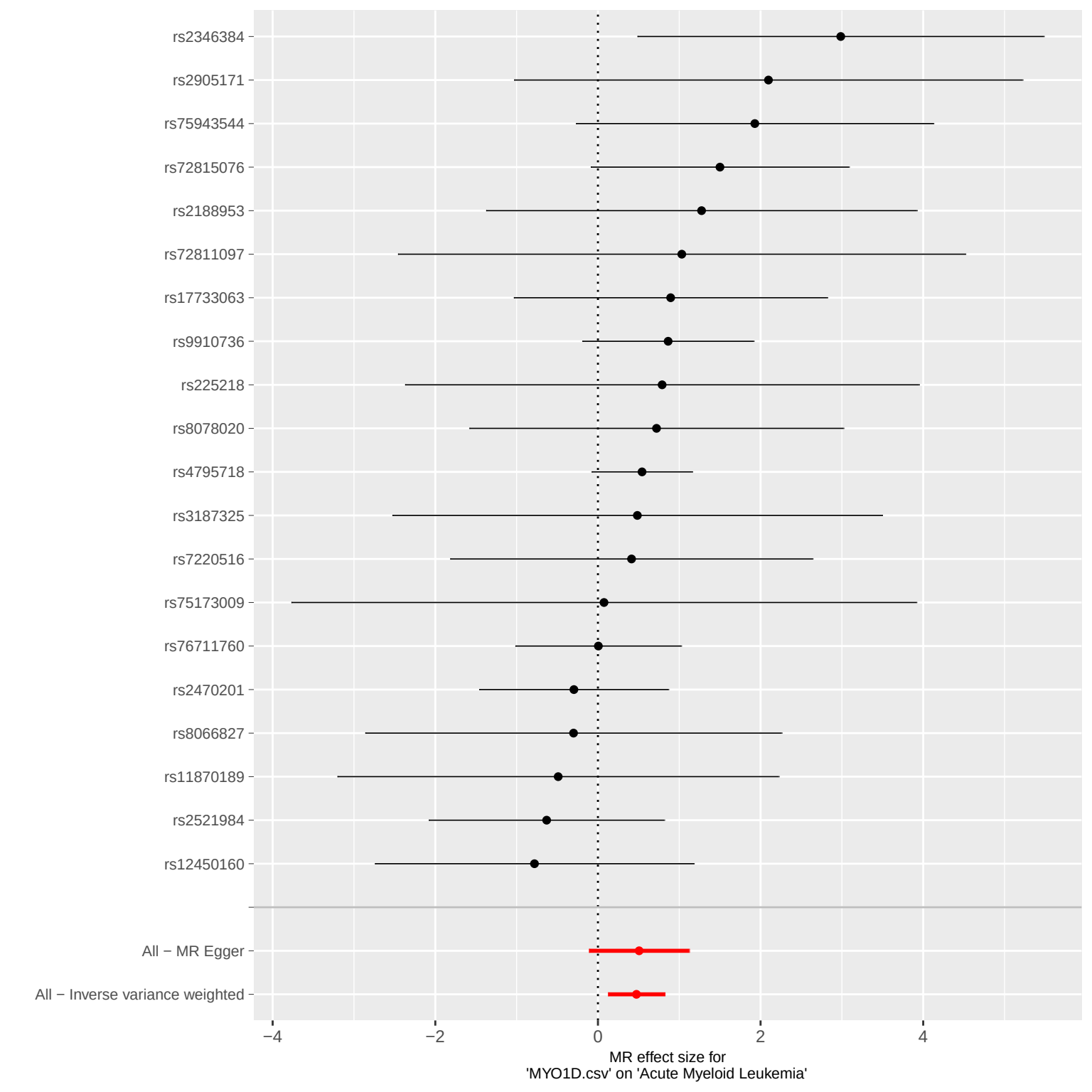
rs138142619
rs9392407
rs71552131
rs34857522
rs77437592
rs73716783
rs75797932
rs12202722
rs9328110
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'MYLK4.csv' on 'Acute Myeloid Leukemia'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rs75943544
rs72815076
rs2188953
rs72811097
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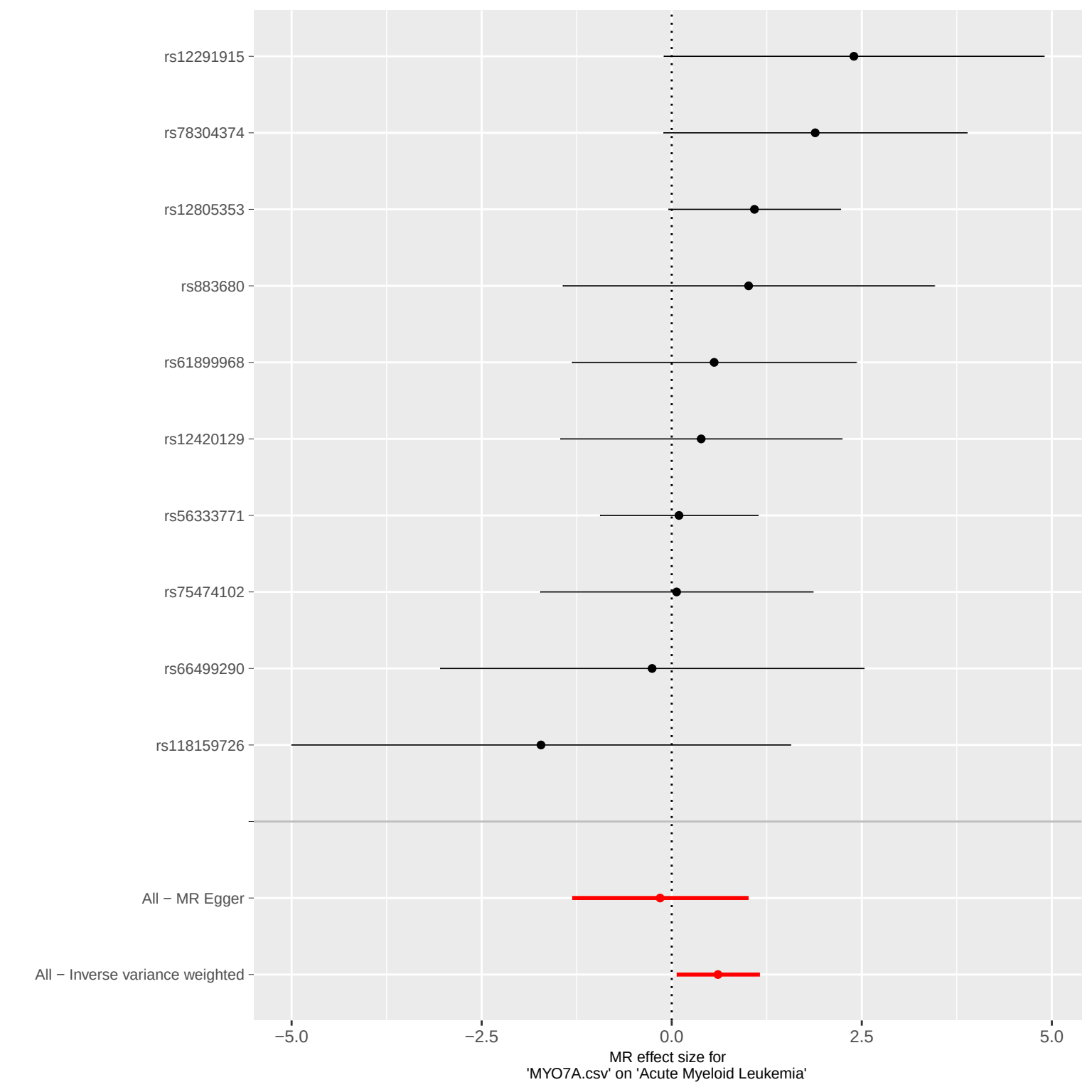
rs225218
rs8078020
rs4795718
rs3187325
rs7220516
rs75173009
rs76711760
rs2470201
rs8066827
rs11870189
rs2521984
rs12450160
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'MYO1D.csv' on 'Acute Myeloid Leukemia'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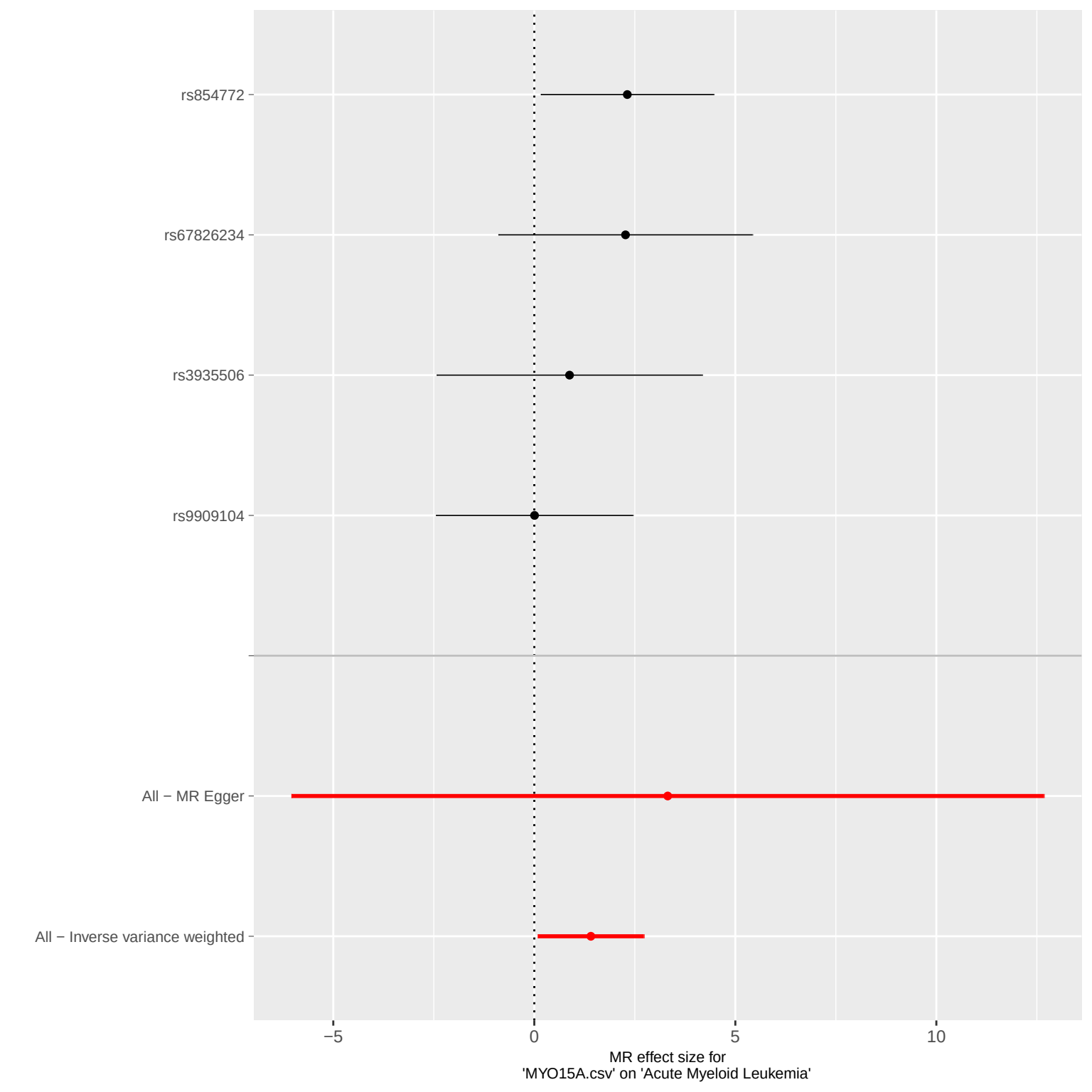
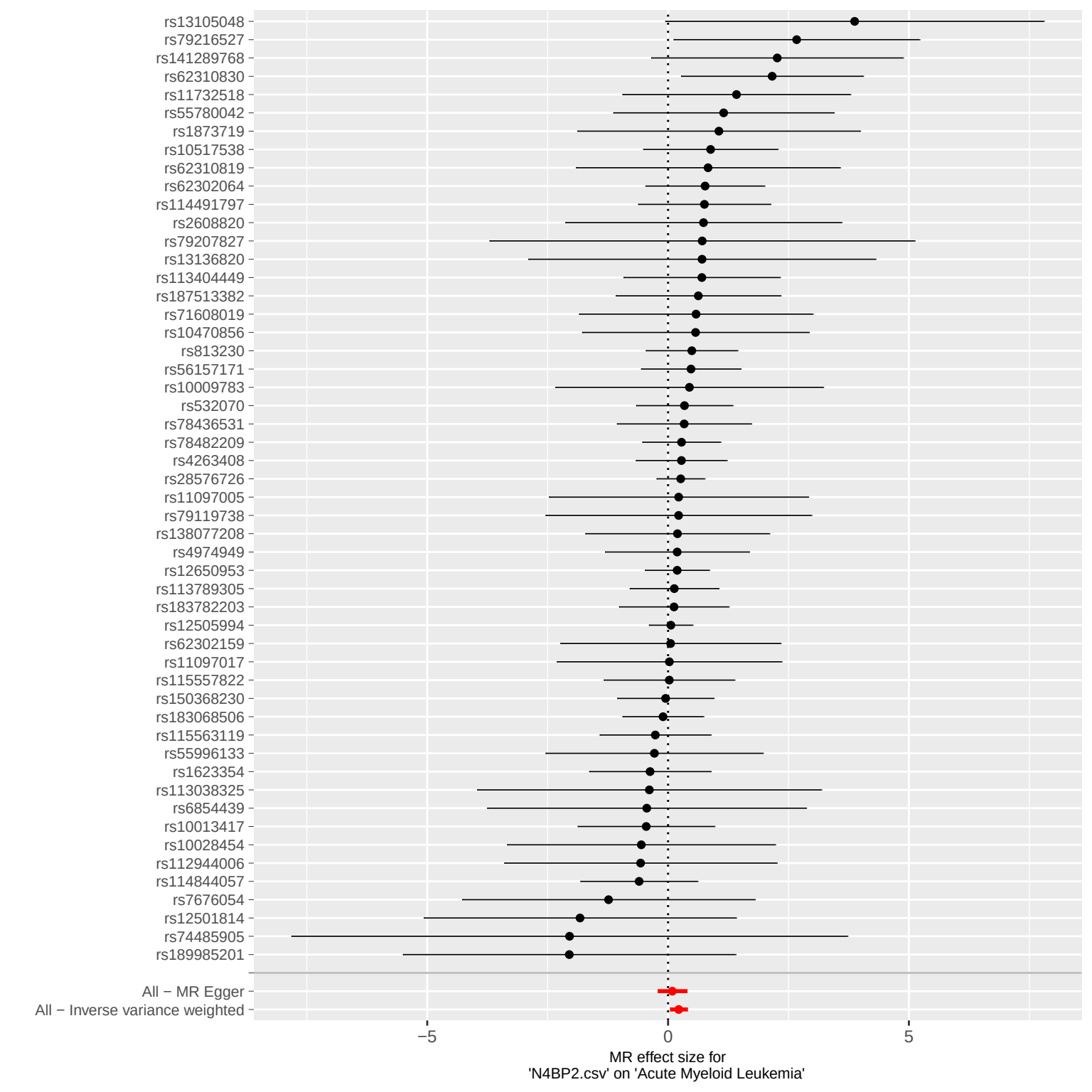
rs78304374
rs12805353
rs883680
rs61899968
rs12420129
rs56333771
rs75474102
rs66499290
rs118159726
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'MYO7A.csv' on 'Acute Myeloid Leukemia'


rs854772
rs67826234
rs3935506
rs9909104
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'MYO15A.csv' on 'Acute Myeloid Leukemia'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rs183782203
rs12505994
rs62302159
rs11097017
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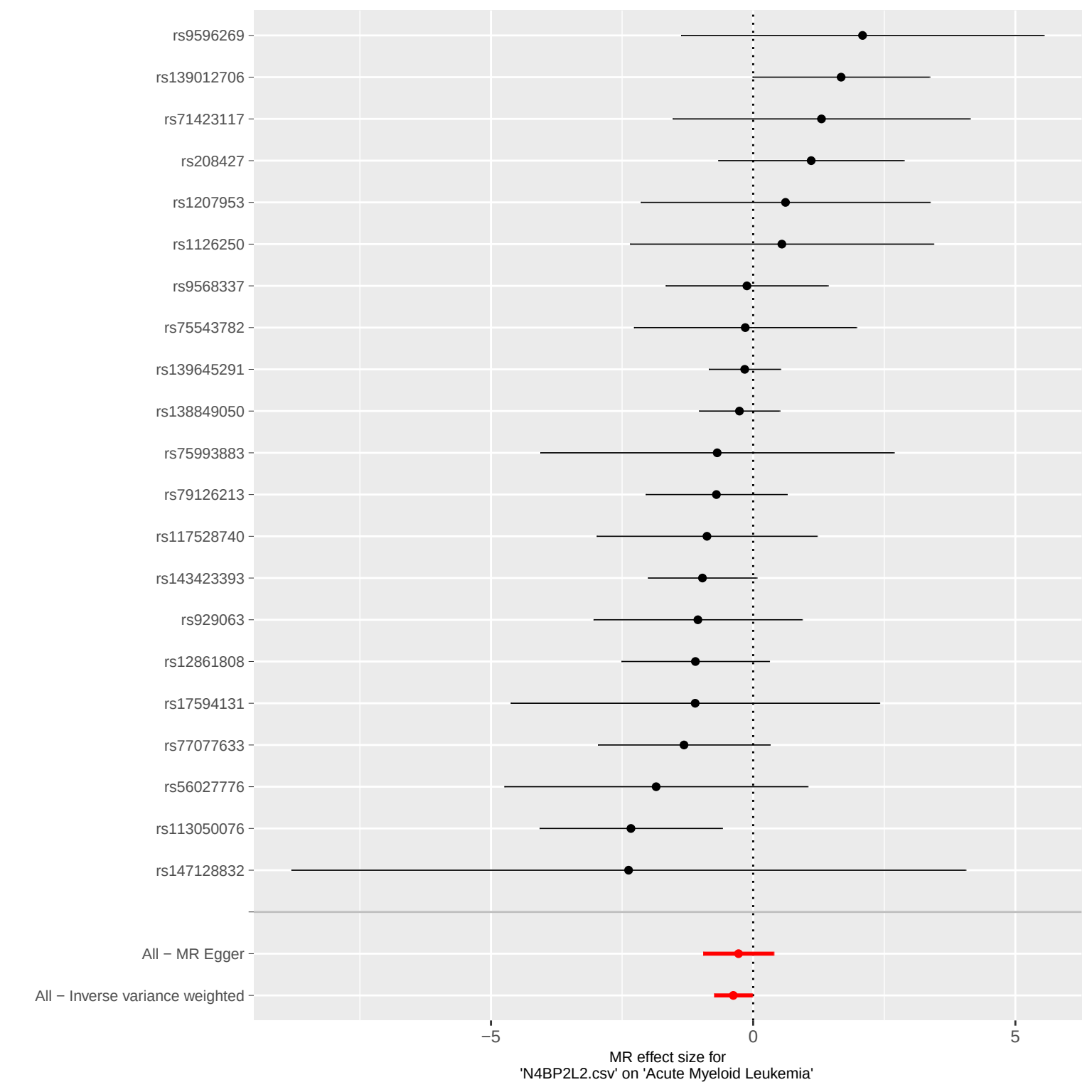
rs183068506
rs115563119
rs55996133
rs1623354
rs113038325
rs6854439
rs10013417
rs10028454
rs112944006
rs114844057
rs7676054
rs12501814
rs74485905
rs189985201
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'N4BP2.csv' on 'Acute Myeloid Leukemia'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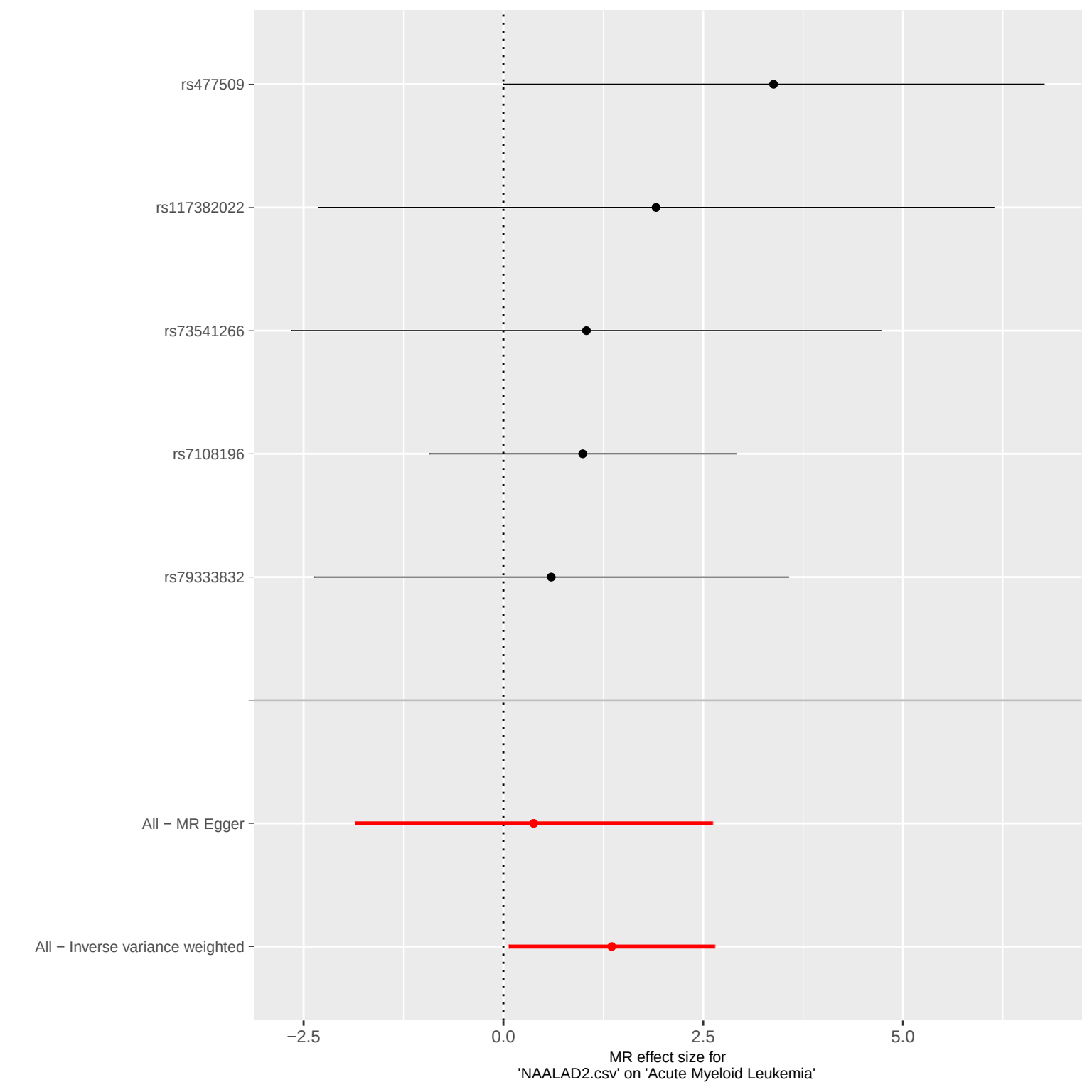
rs139012706
rs71423117
rs208427
rs1207953
rs1126250
rs9568337
rs75543782
rs139645291
rs138849050
rs75993883
rs79126213
rs117528740
rs143423393
rs929063
rs12861808
rs17594131
rs77077633
rs56027776
rs113050076
rs147128832
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'N4BP2L2.csv' on 'Acute Myeloid Leukemia'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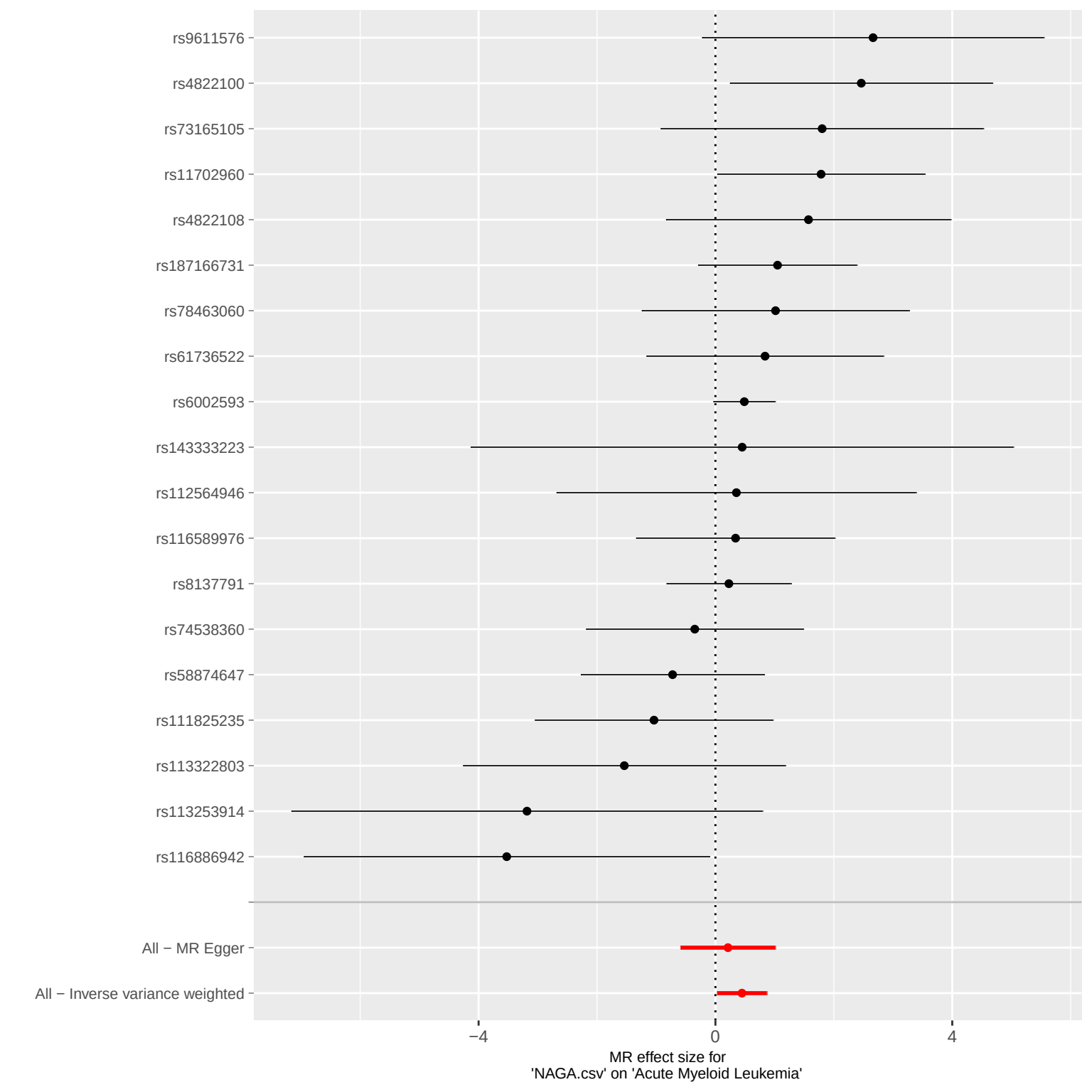
rs117382022
rs73541266
rs7108196
rs79333832
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'NAALAD2.csv' on 'Acute Myeloid Leukemia'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rs116589976
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rs74538360
rs58874647
rs111825235
rs113322803
rs113253914
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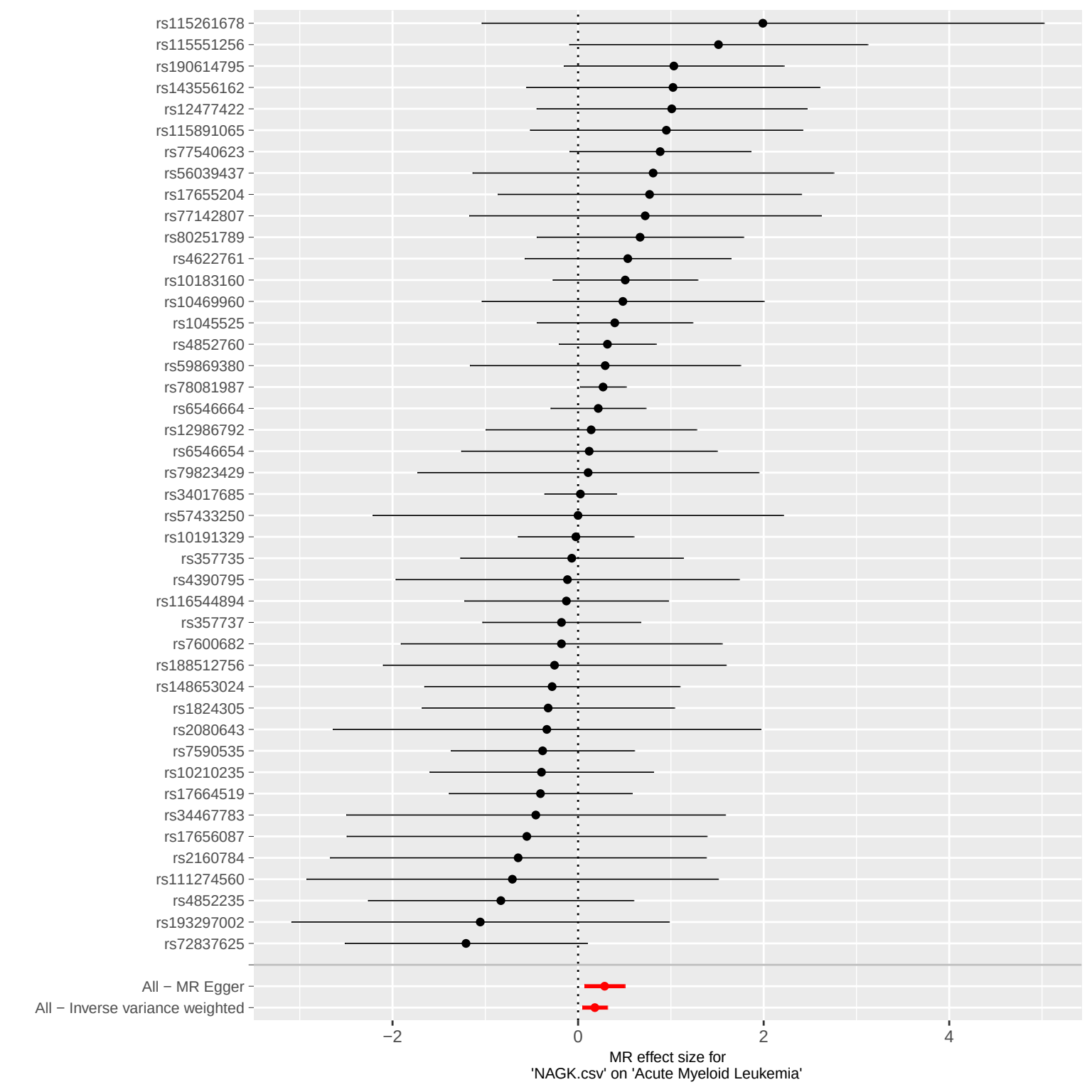
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'NAGA.csv' on 'Acute Myeloid Leukemia'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rs78081987
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rs4390795
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rs357737
rs7600682
rs188512756
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rs7590535
rs10210235
rs17664519
rs34467783
rs17656087
rs2160784
rs111274560
rs4852235
rs193297002
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All − MR Egger
All − Inverse variance weighted
−2
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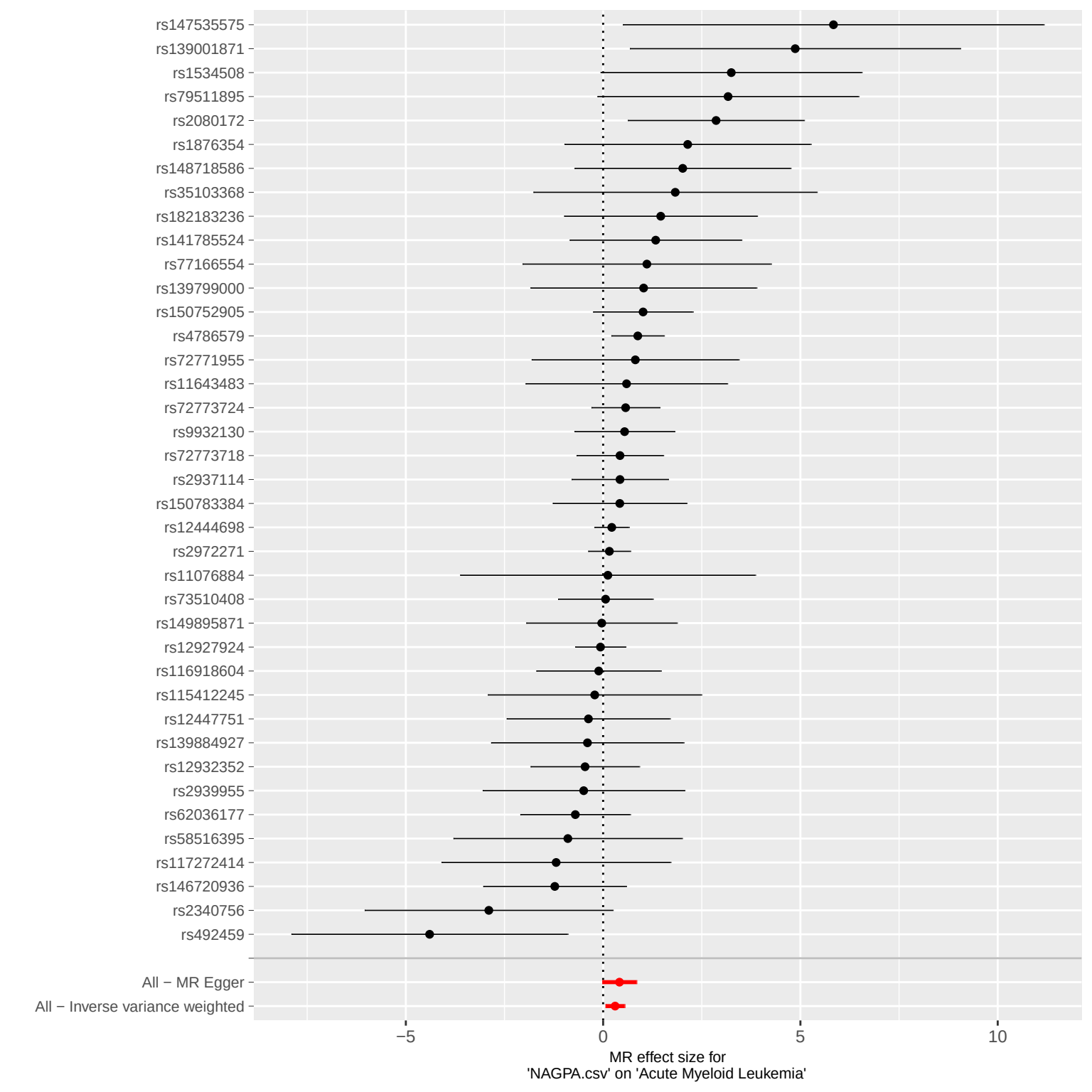
2
4
MR effect size for
'NAGK.csv' on 'Acute Myeloid Leukemia'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rs12447751
rs139884927
rs12932352
rs2939955
rs62036177
rs58516395
rs117272414
rs146720936
rs2340756
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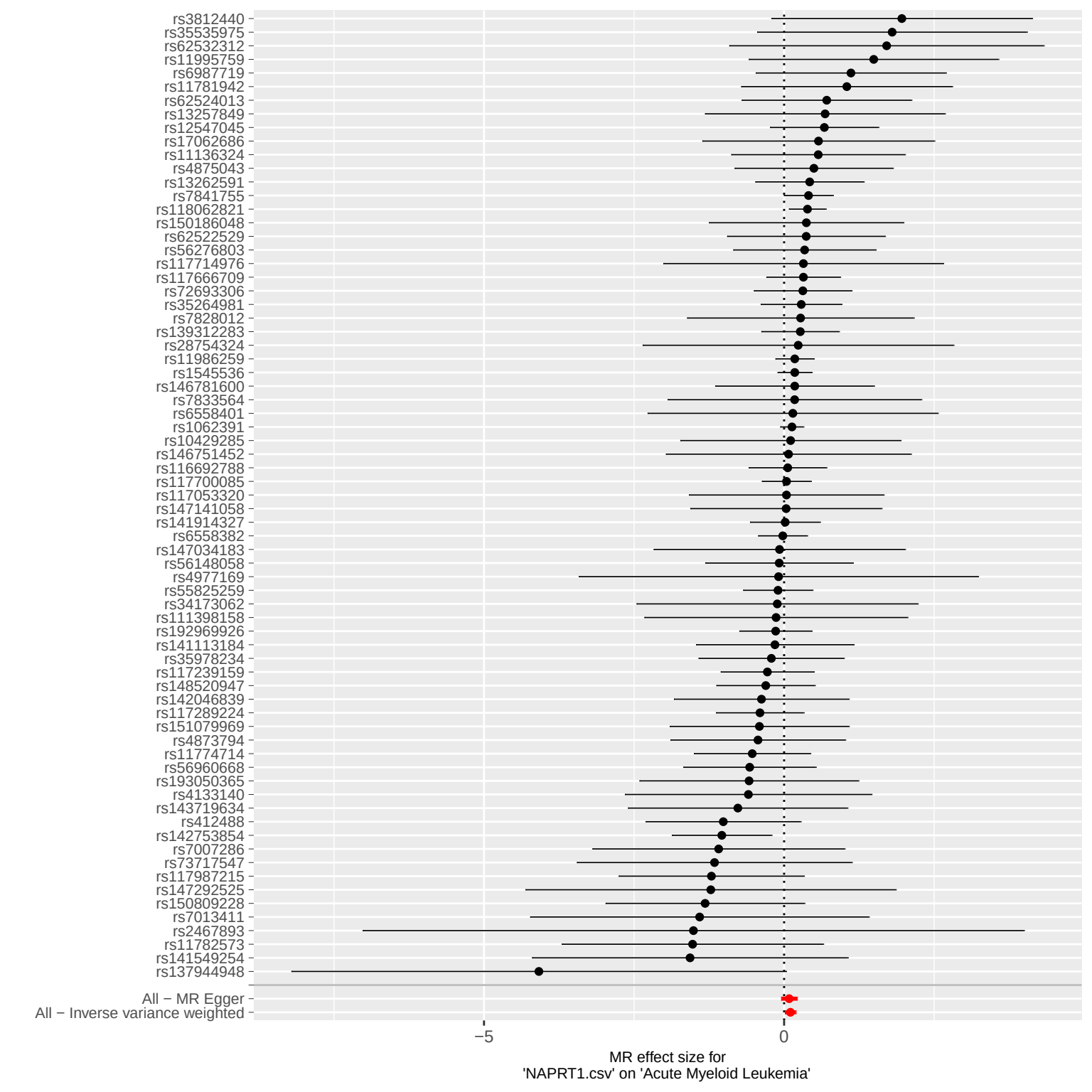
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'NAGPA.csv' on 'Acute Myeloid Leukemia'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rs4875043
rs13262591
rs7841755
rs118062821
rs150186048
rs62522529
rs56276803
rs117714976
rs117666709
rs72693306
rs35264981
rs7828012
rs139312283
rs28754324
rs11986259
rs1545536
rs146781600
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rs10429285
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rs116692788
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rs141914327
rs6558382
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rs56148058
rs4977169
rs55825259
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rs147292525
rs150809228
rs7013411
rs2467893
rs11782573
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All − MR Egger
All − Inverse variance weighted
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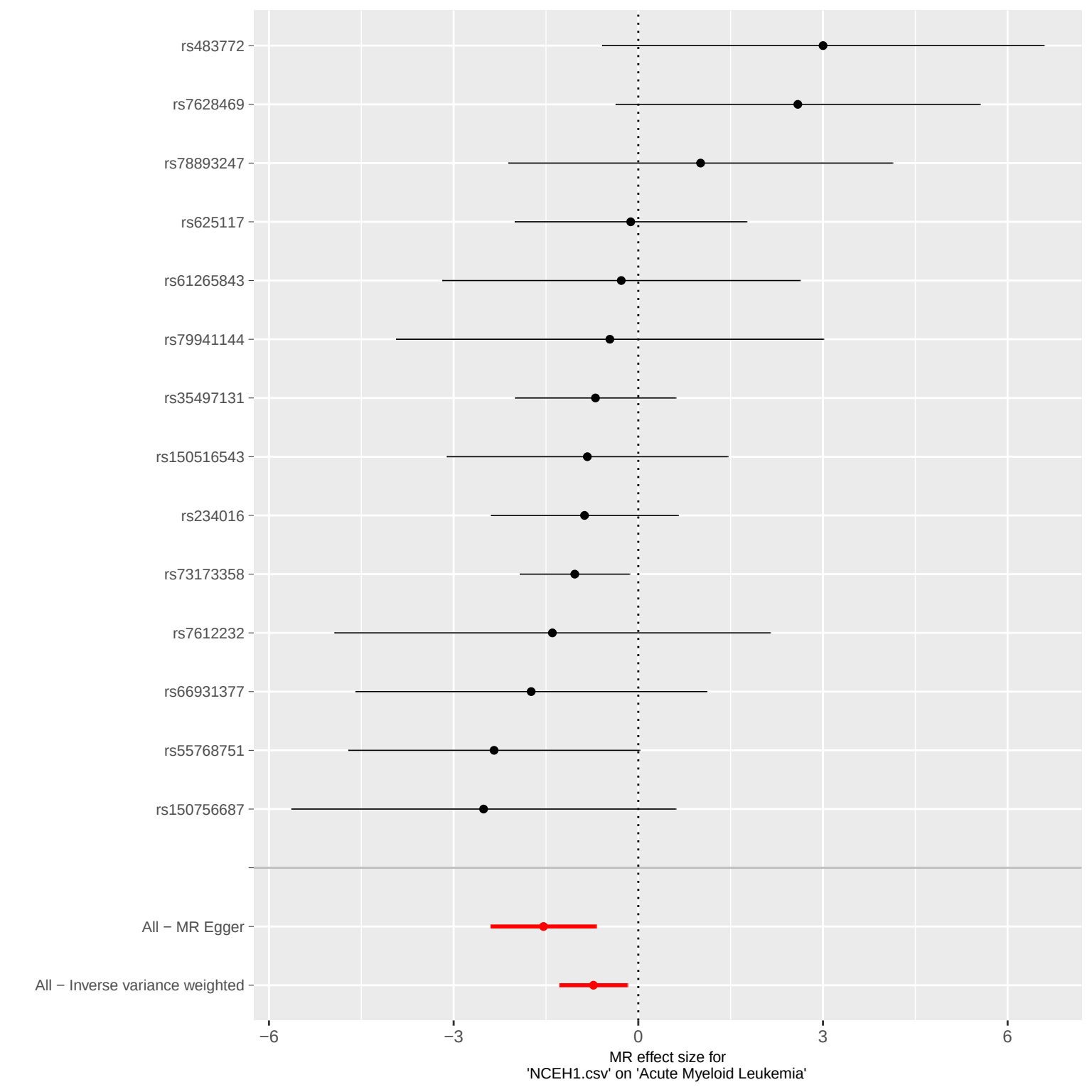
MR effect size for
'NAPRT1.csv' on 'Acute Myeloid Leukemia'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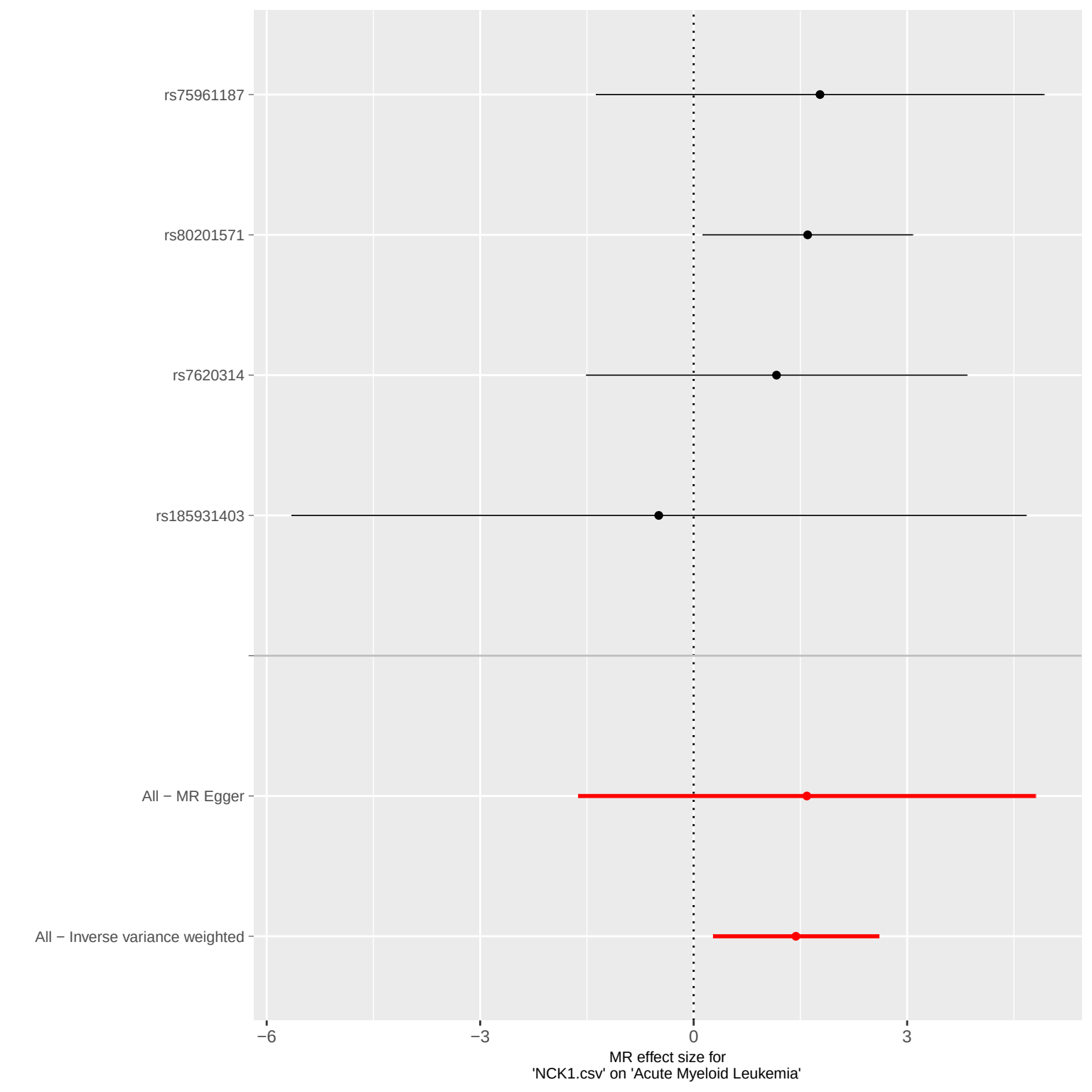
rs73173358
rs7612232
rs66931377
rs55768751
rs150756687
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'NCEH1.csv' on 'Acute Myeloid Leukemia'


rs75961187
rs80201571
rs7620314
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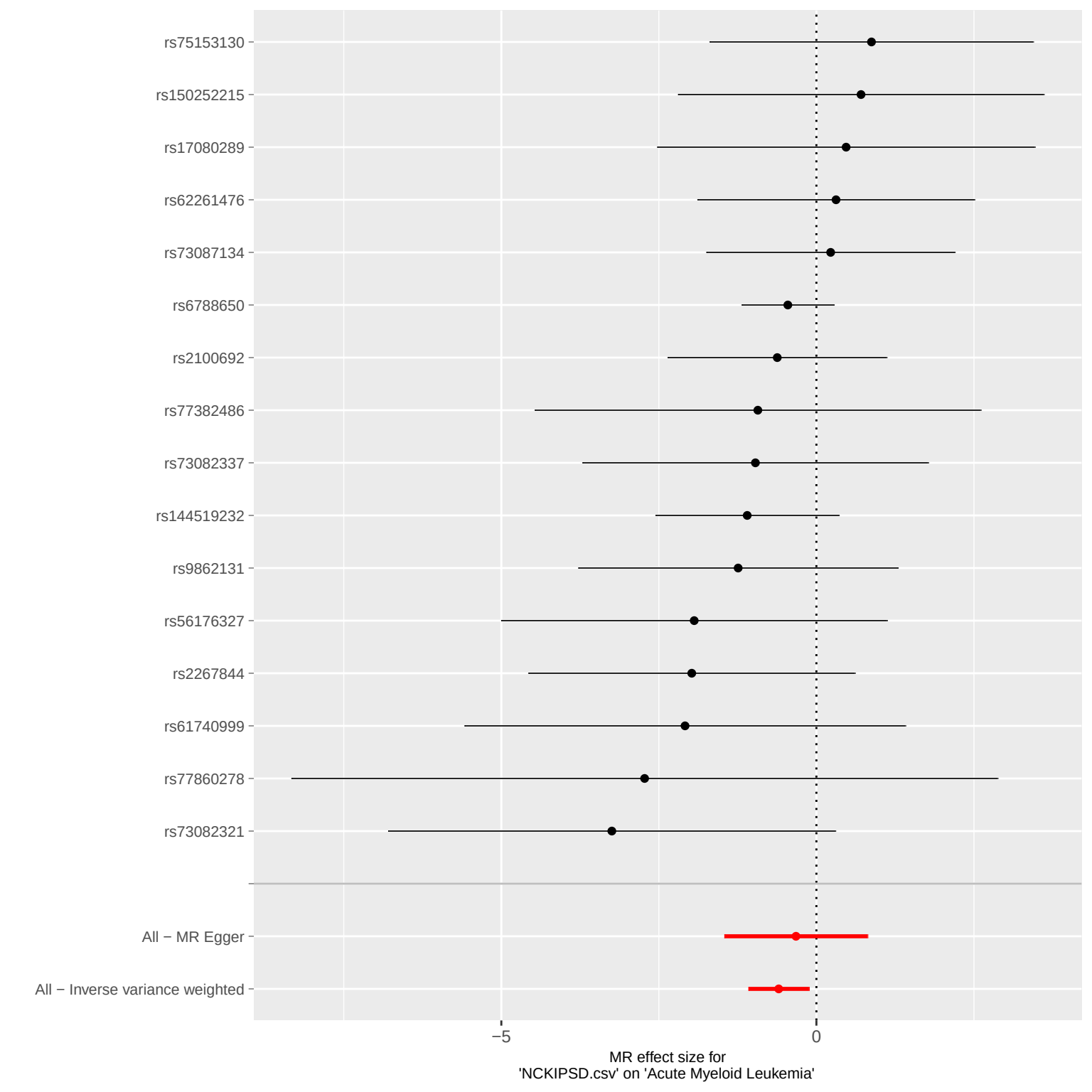
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'NCK1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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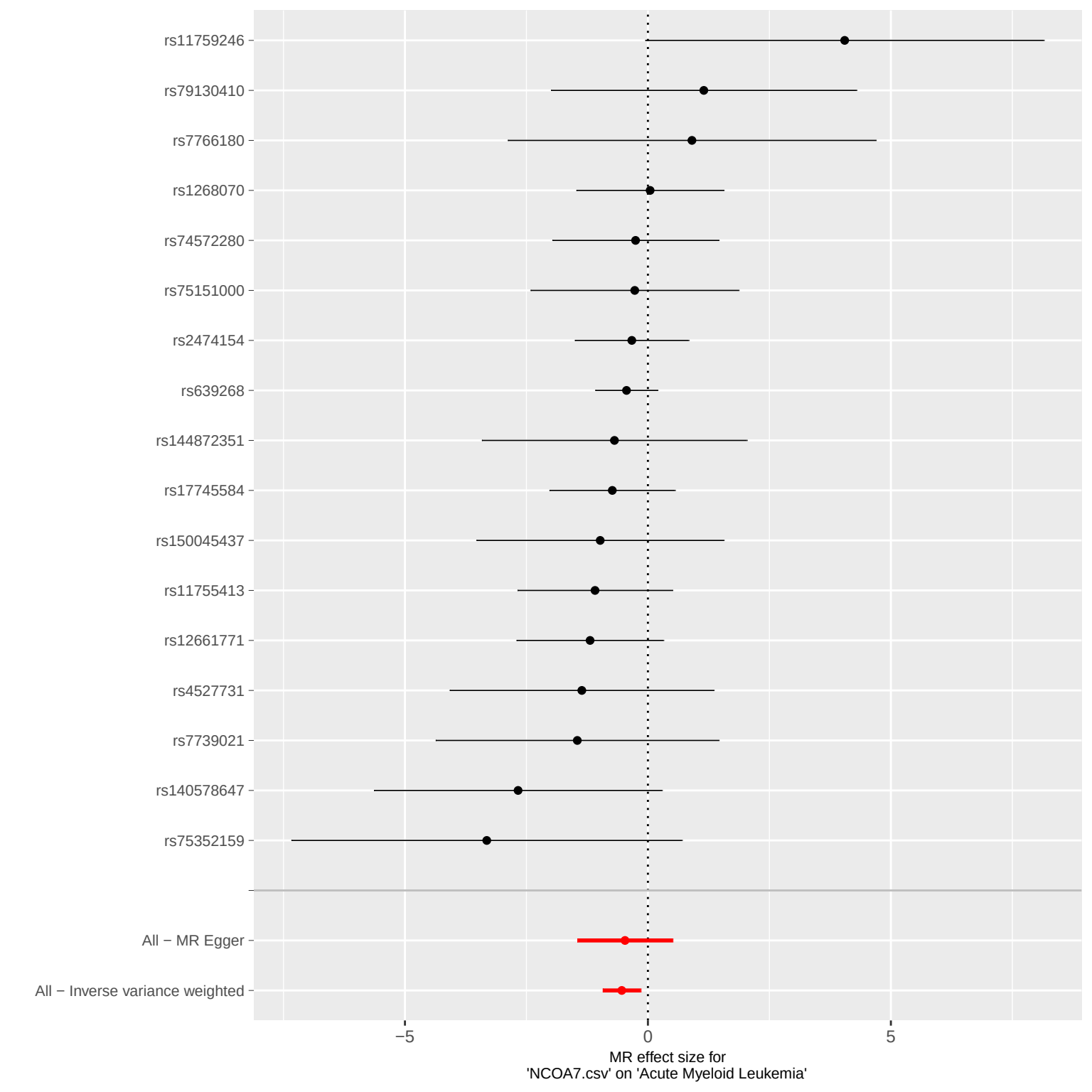
0
MR effect size for
'NCKIPSD.csv' on 'Acute Myeloid Leukemia'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rs11755413
rs12661771
rs4527731
rs7739021
rs140578647
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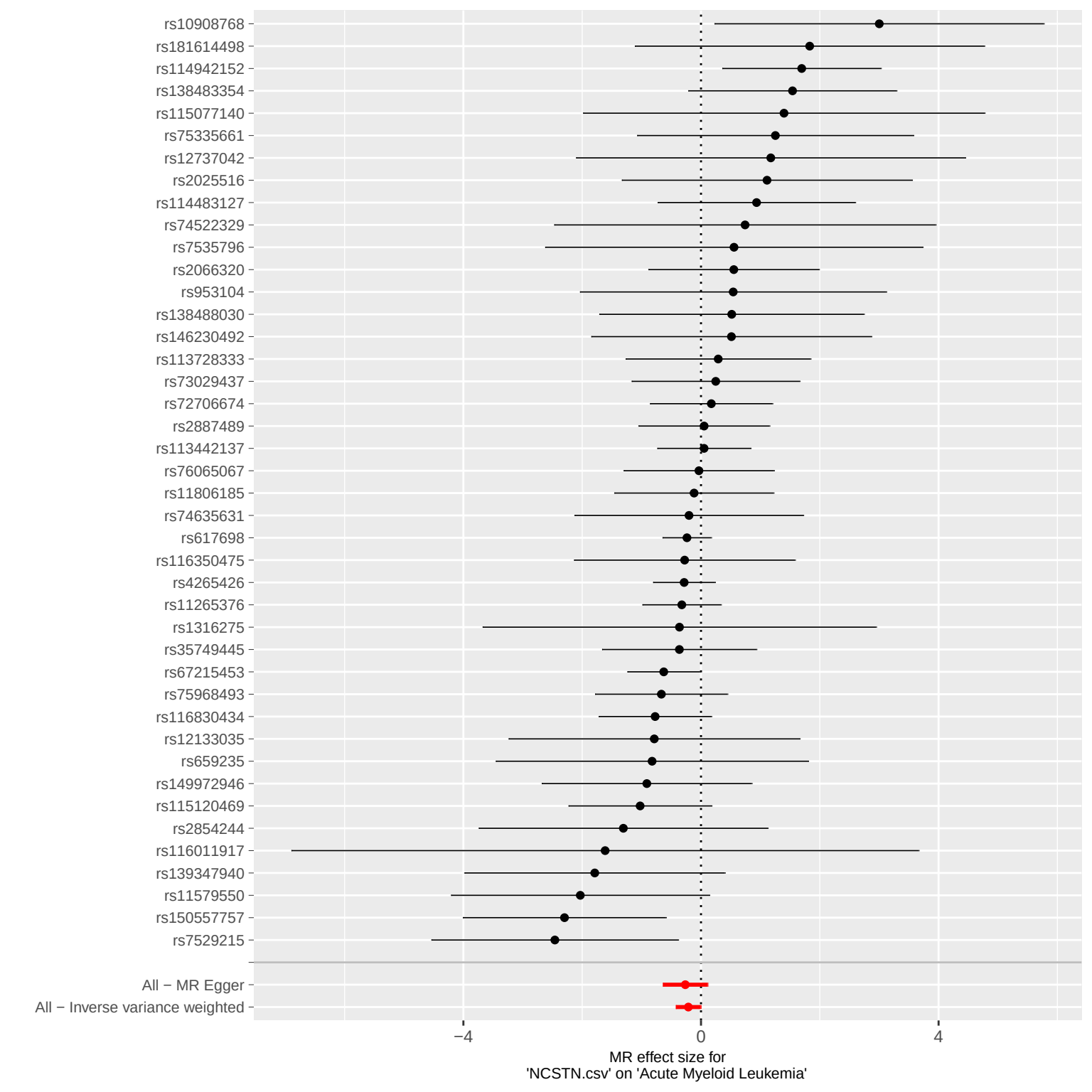
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'NCOA7.csv' on 'Acute Myeloid Leukemia'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rs2854244
rs116011917
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rs11579550
rs150557757
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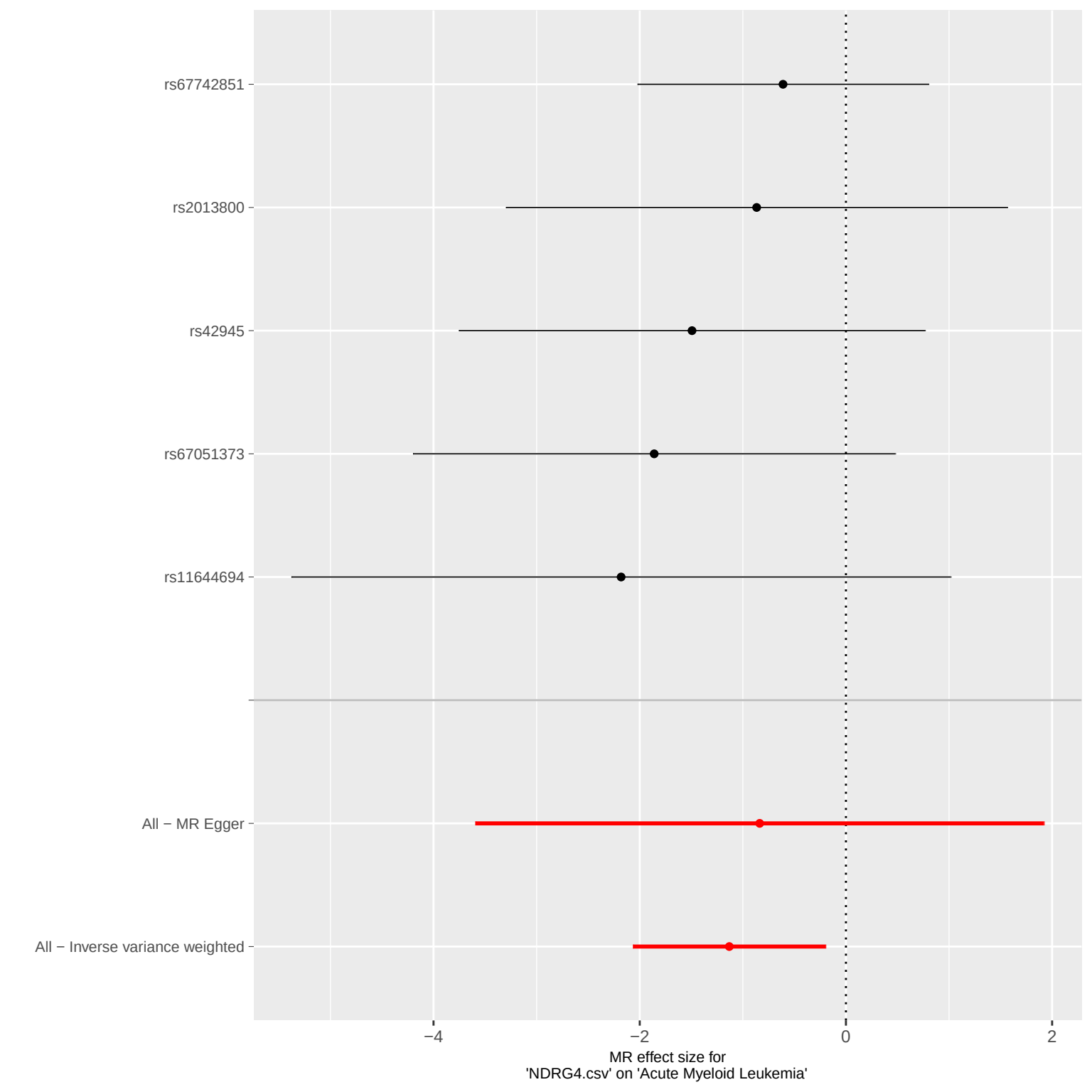
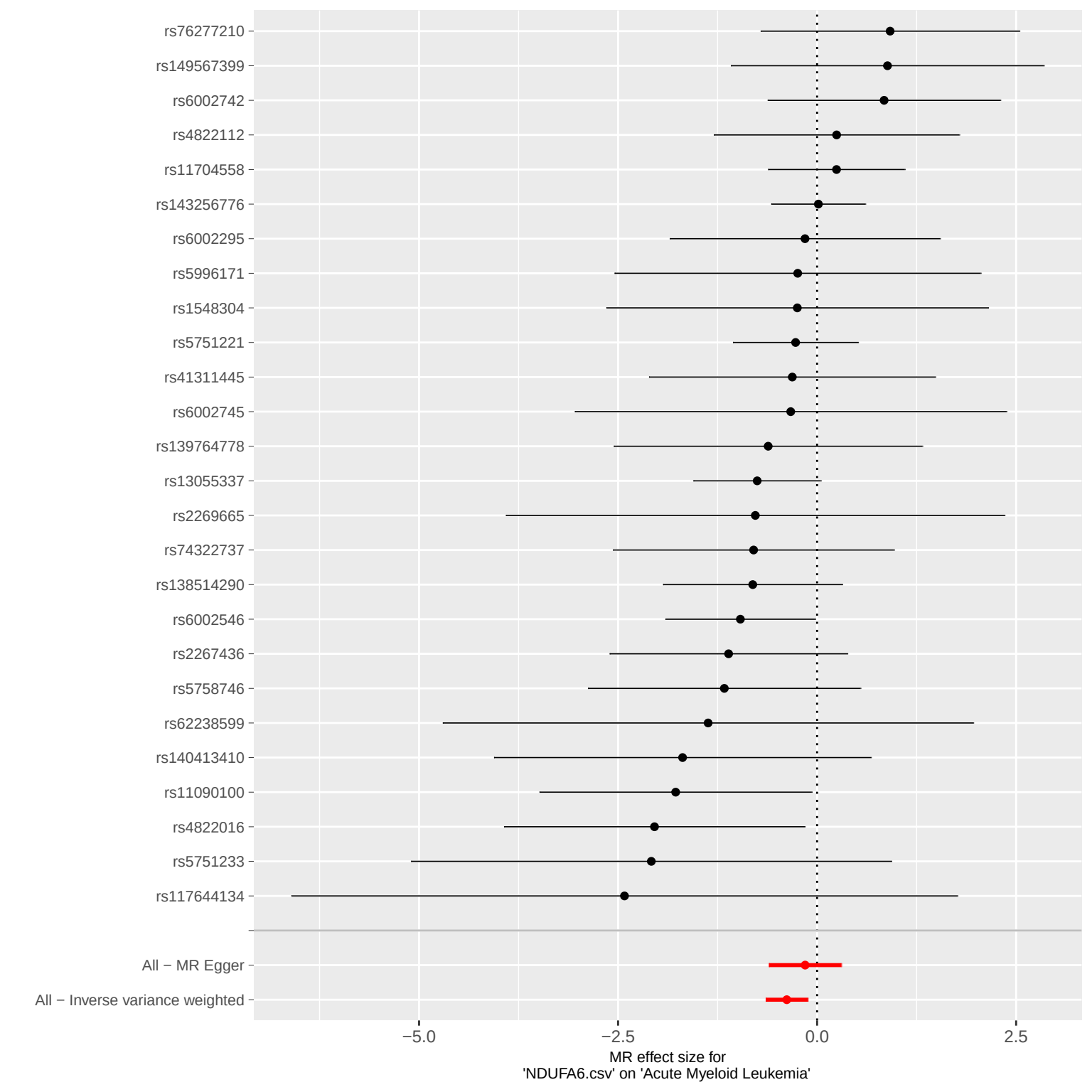
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'NCSTN.csv' on 'Acute Myeloid Leukemia'


rs67742851
rs2013800
rs42945
rs67051373
rs11644694
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'NDRG4.csv' on 'Acute Myeloid Leukemia'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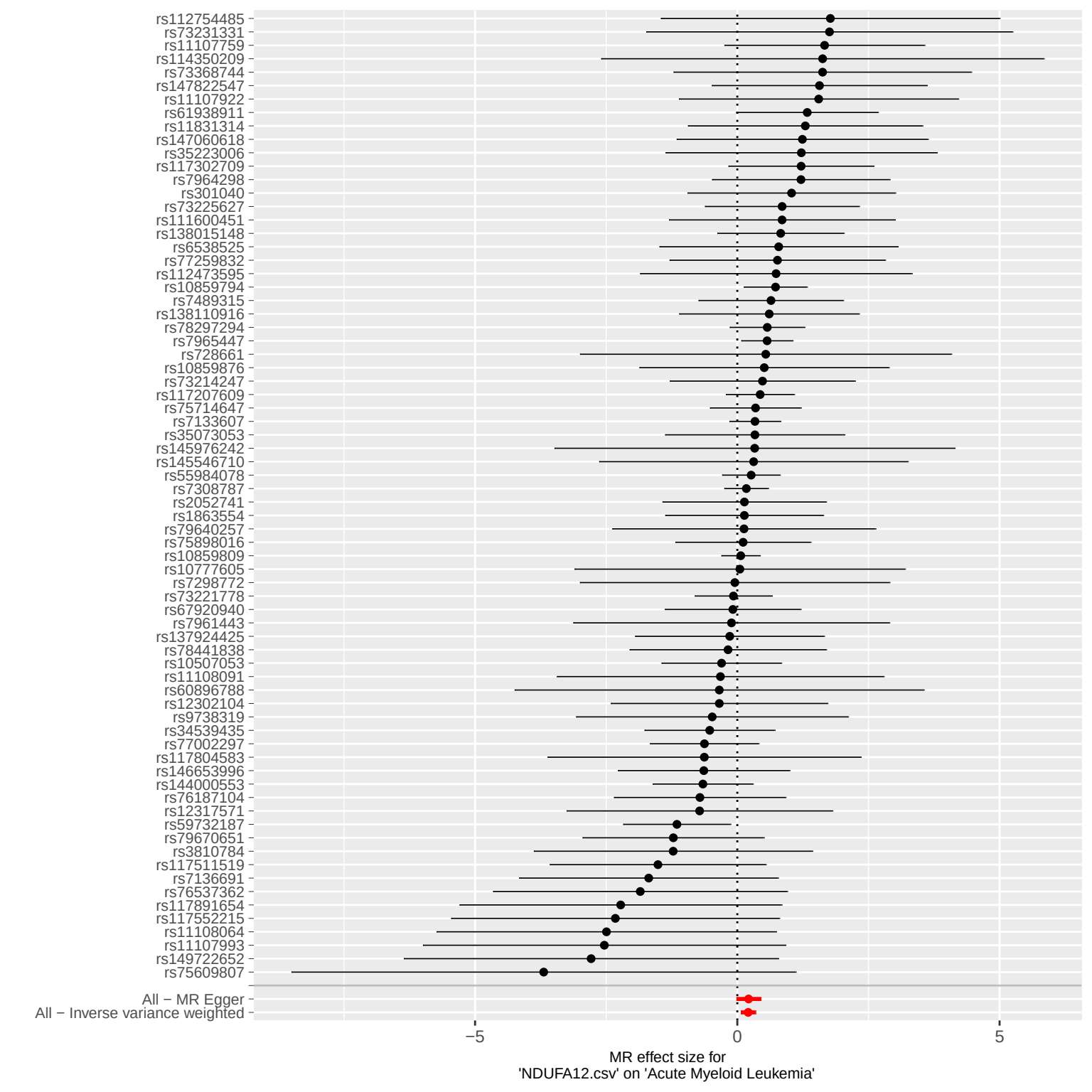
rs6002546
rs2267436
rs5758746
rs62238599
rs140413410
rs11090100
rs4822016
rs5751233
rs117644134
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'NDUFA6.csv' on 'Acute Myeloid Leukemia'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rs117302709
rs7964298
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rs12317571
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rs117891654
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rs11108064
rs11107993
rs149722652
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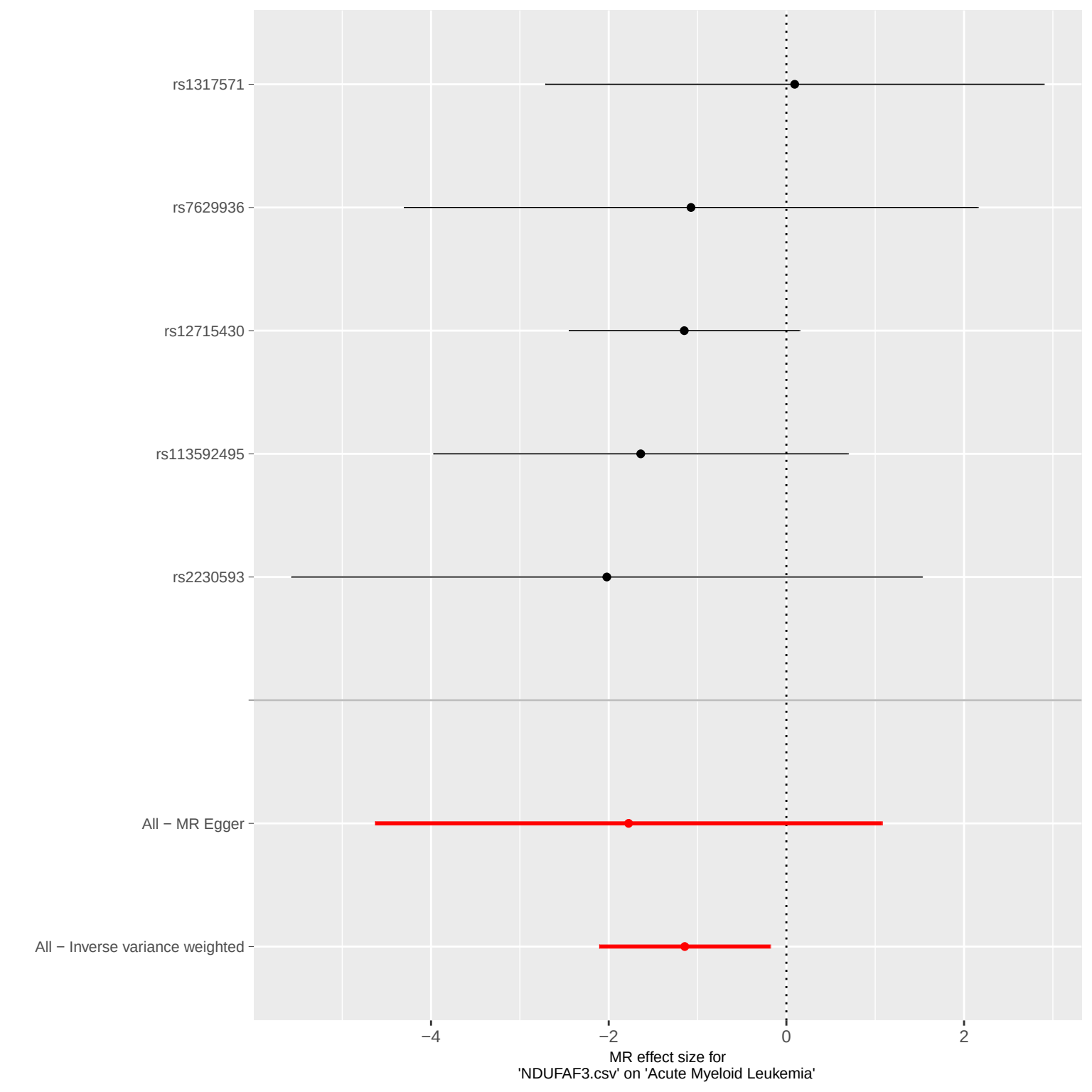
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'NDUFA12.csv' on 'Acute Myeloid Leukemia'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rs12715430
rs113592495
rs2230593
All − MR Egger
All − Inverse variance weighted
−4
−2
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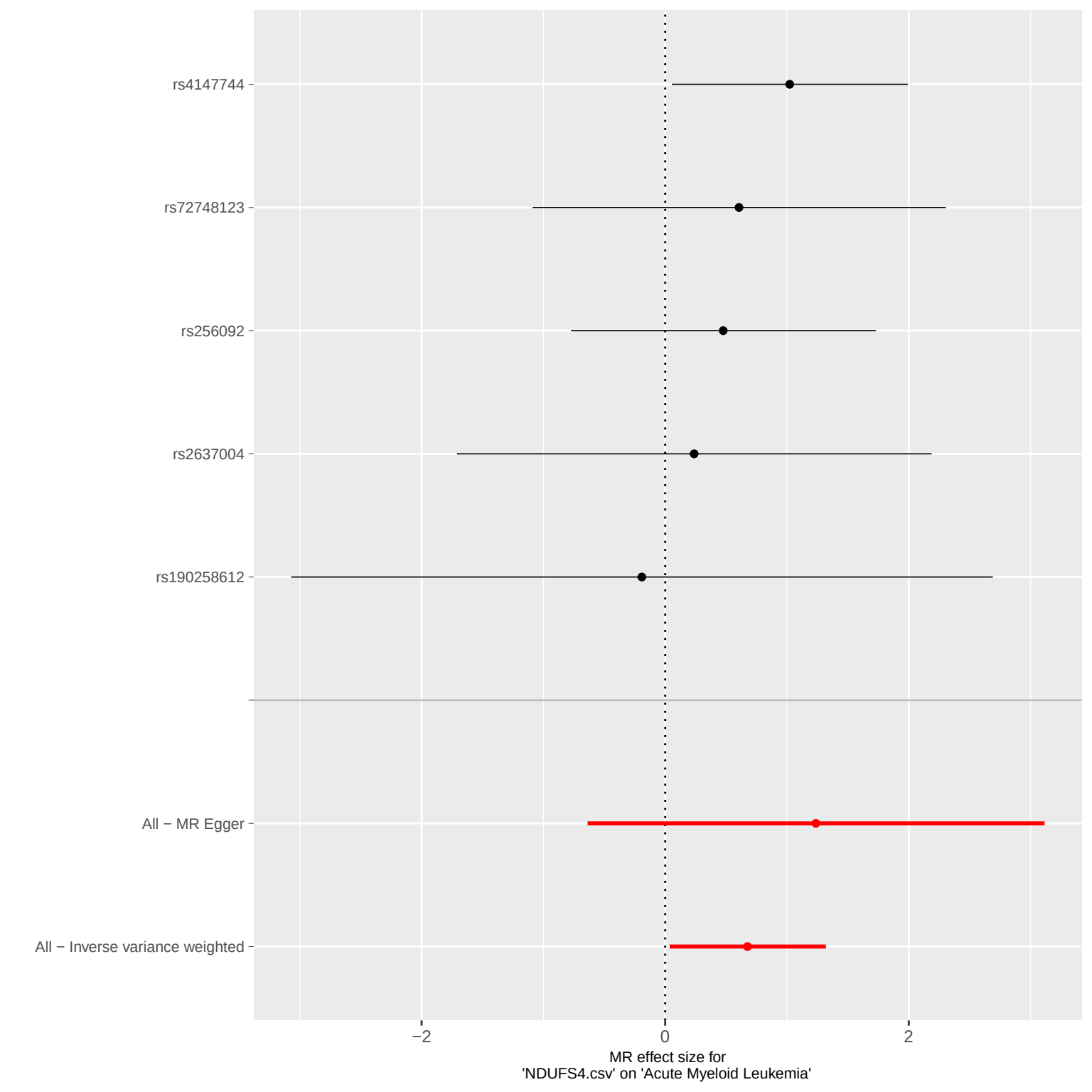
MR effect size for
'NDUFAF3.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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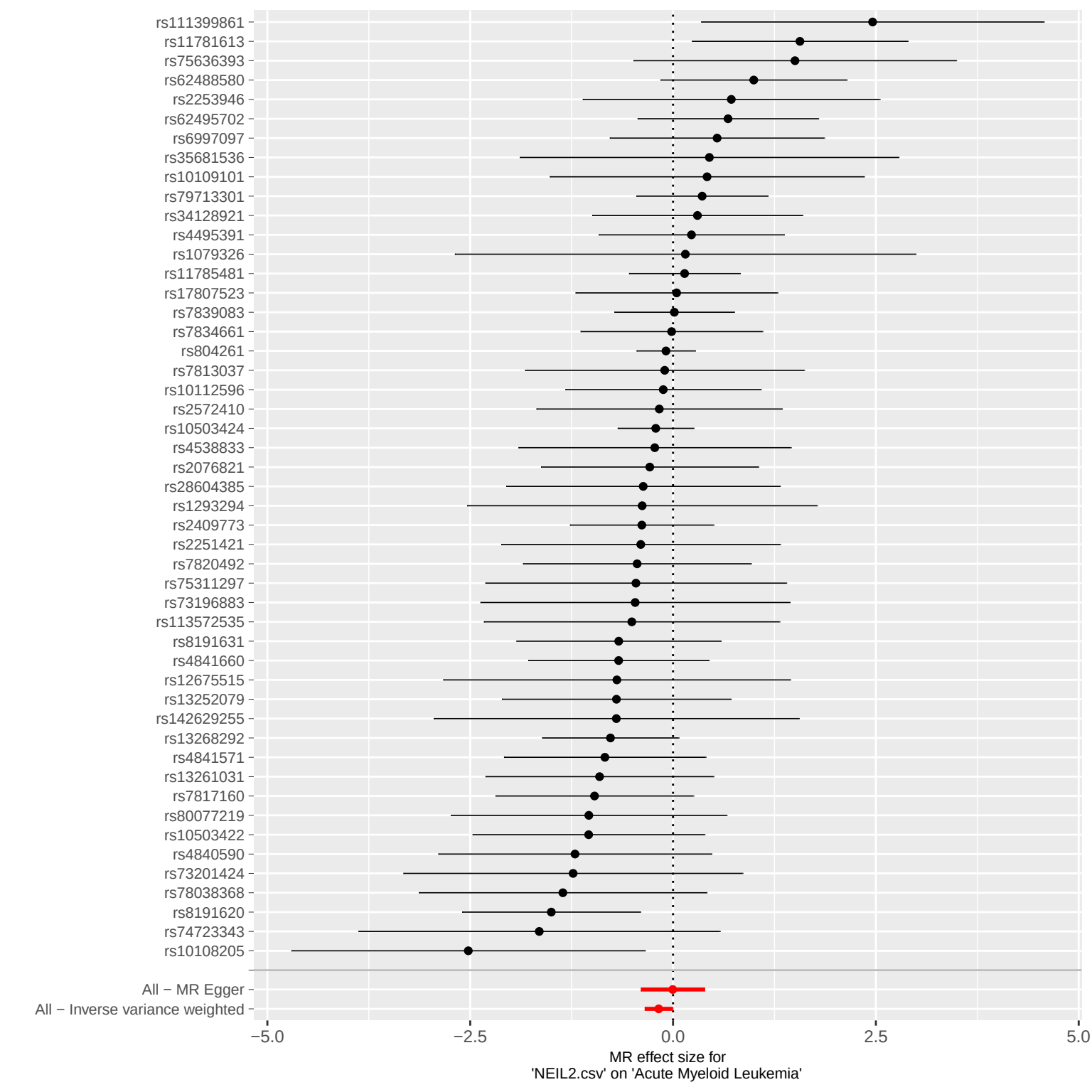
MR effect size for
'NDUFS4.csv' on 'Acute Myeloid Leukemia'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rs7839083
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rs804261
rs7813037
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rs73196883
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rs142629255
rs13268292
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rs13261031
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rs10503422
rs4840590
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rs8191620
rs74723343
rs10108205
All − MR Egger
All − Inverse variance weighted
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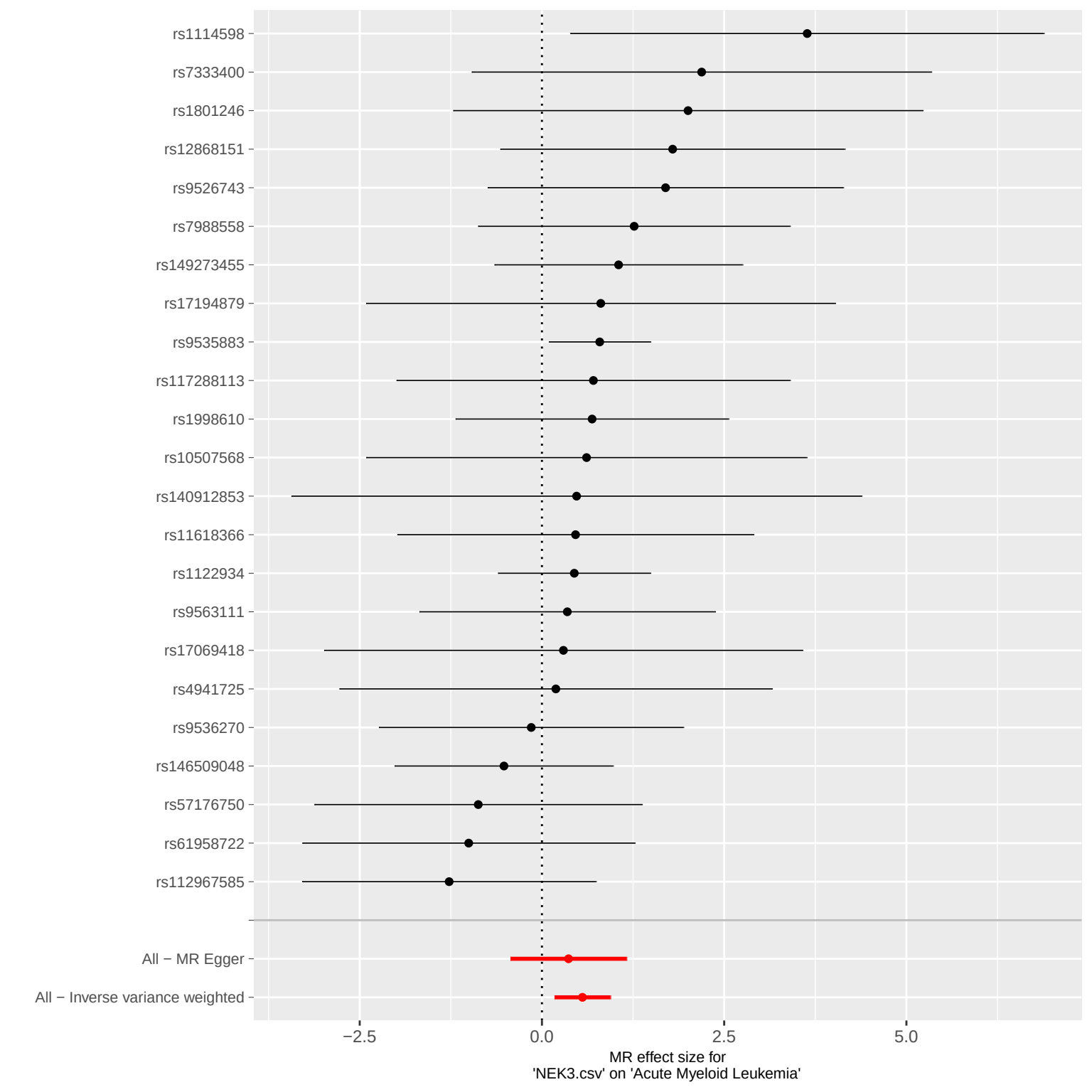
−2.5
0.0
2.5
5.0
MR effect size for
'NEIL2.csv' on 'Acute Myeloid Leukemia'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rs57176750
rs61958722
rs112967585
All − MR Egger
All − Inverse variance weighted
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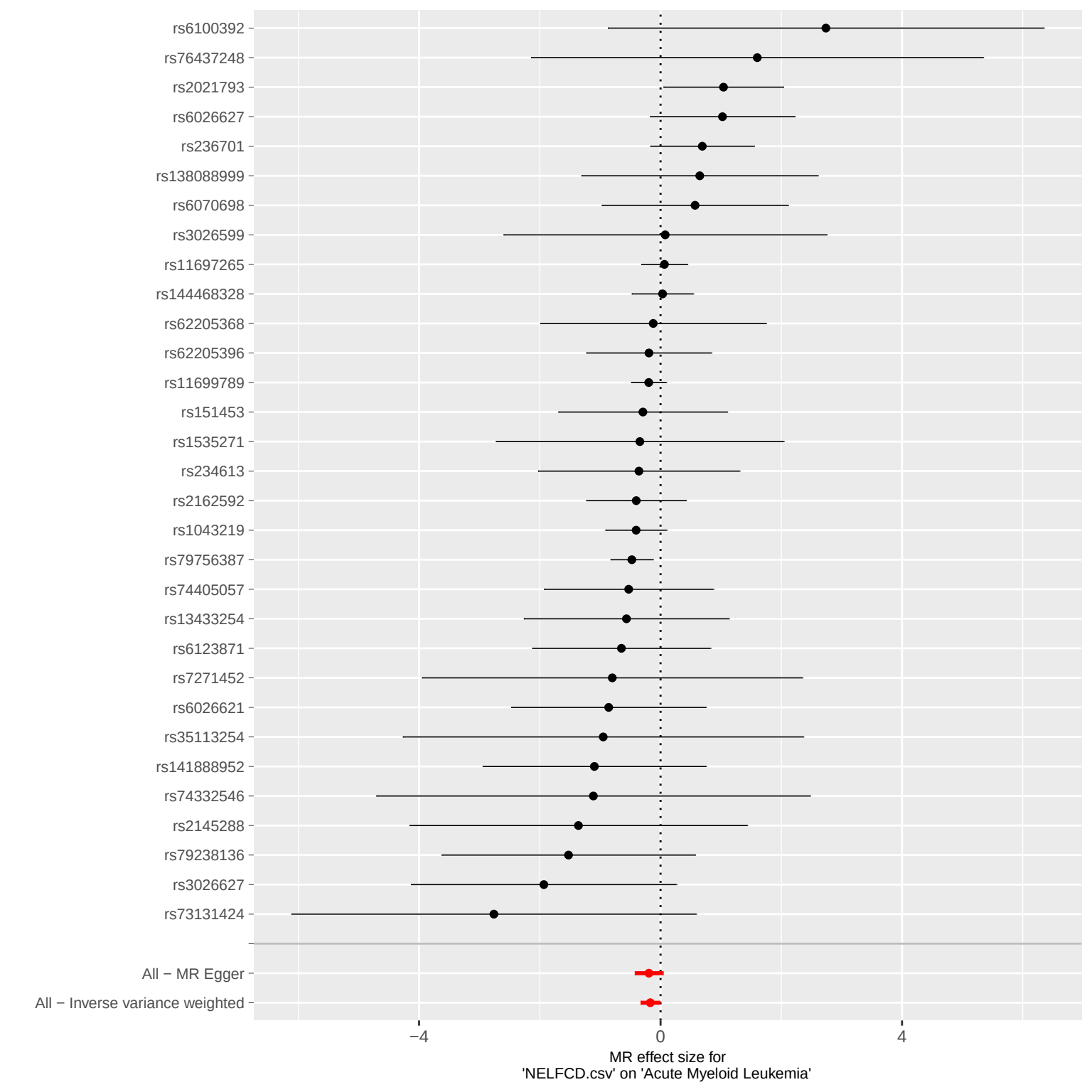
0.0
2.5
5.0
MR effect size for
'NEK3.csv' on 'Acute Myeloid Leukemia'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rs13433254
rs6123871
rs7271452
rs6026621
rs35113254
rs141888952
rs74332546
rs2145288
rs79238136
rs3026627
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All − MR Egger
All − Inverse variance weighted
−4
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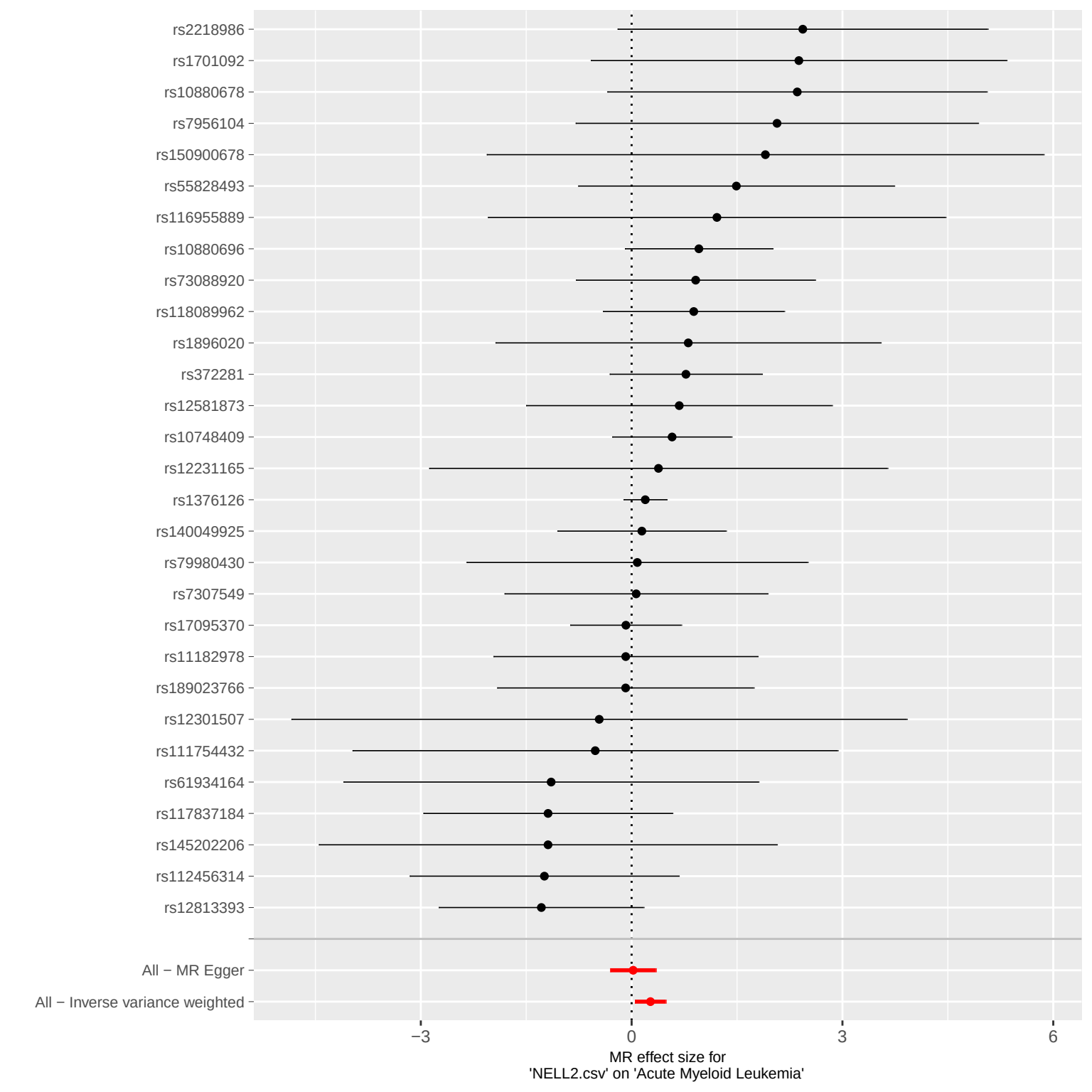
4
MR effect size for
'NELFCD.csv' on 'Acute Myeloid Leukemia'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rs12231165
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rs140049925
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rs7307549
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rs11182978
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rs12301507
rs111754432
rs61934164
rs117837184
rs145202206
rs112456314
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All − MR Egger
All − Inverse variance weighted
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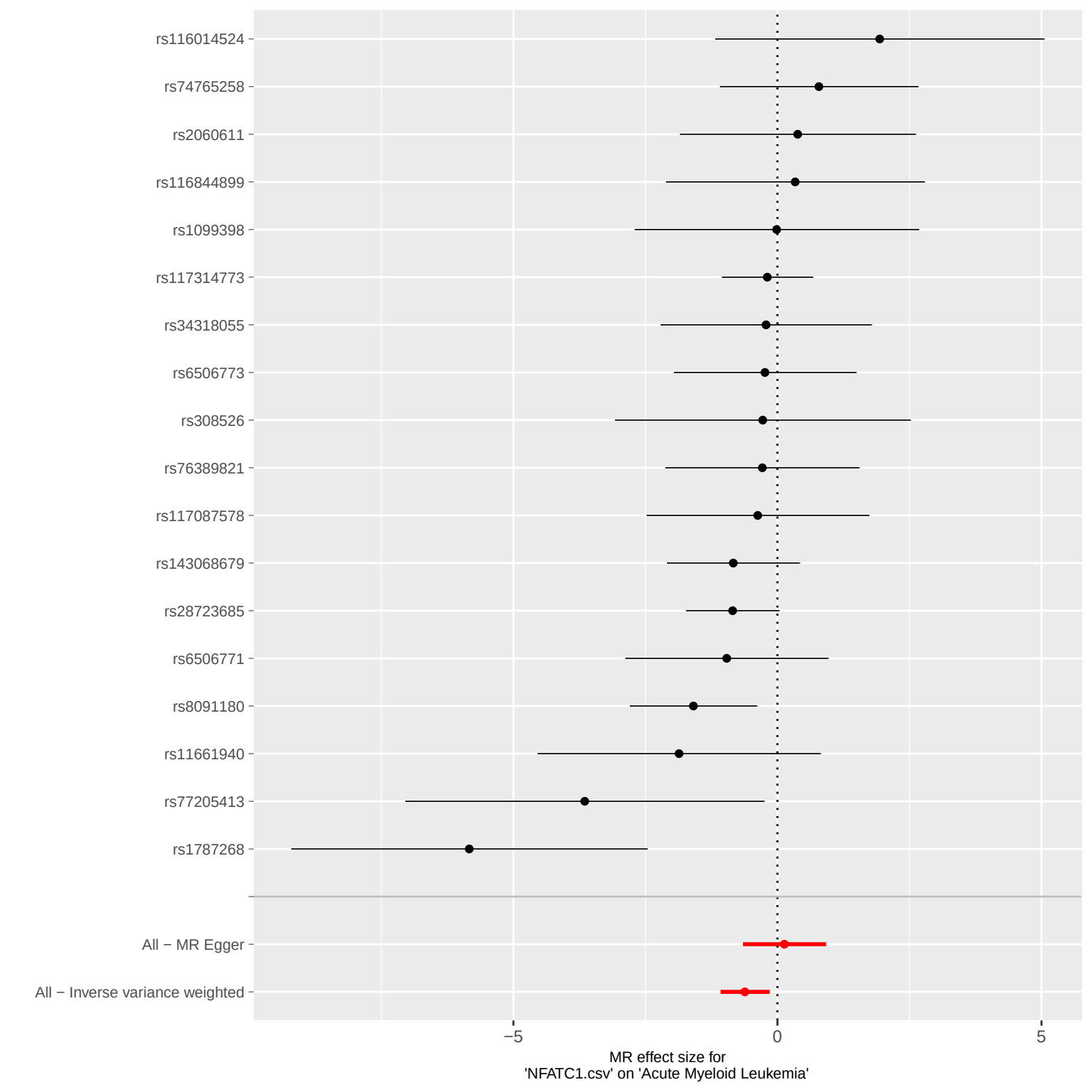
6
MR effect size for
'NELL2.csv' on 'Acute Myeloid Leukemia'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rs143068679
rs28723685
rs6506771
rs8091180
rs11661940
rs77205413
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All − MR Egger
All − Inverse variance weighted
−5
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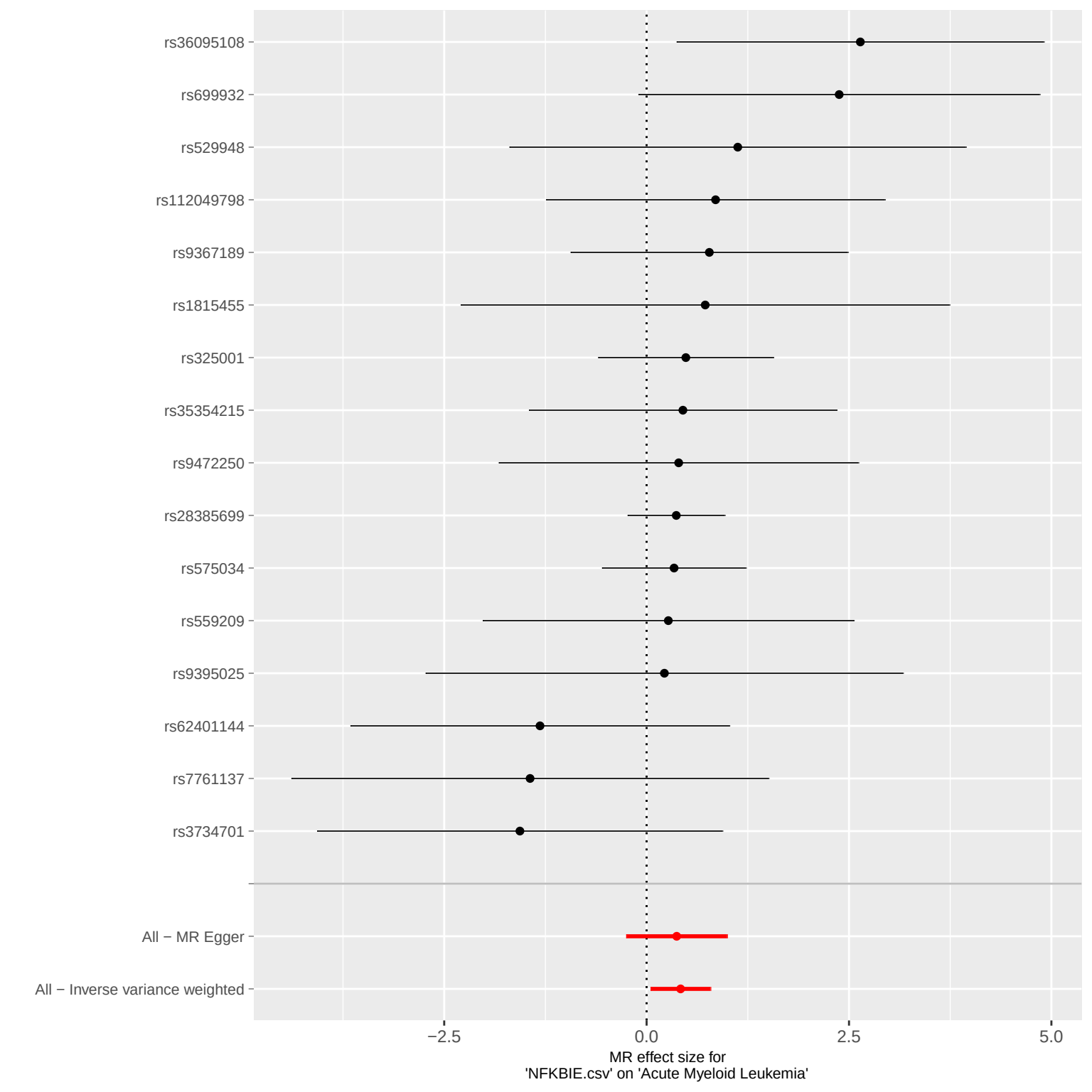
5
MR effect size for
'NFATC1.csv' on 'Acute Myeloid Leukemia'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rs3734701
All − MR Egger
All − Inverse variance weighted
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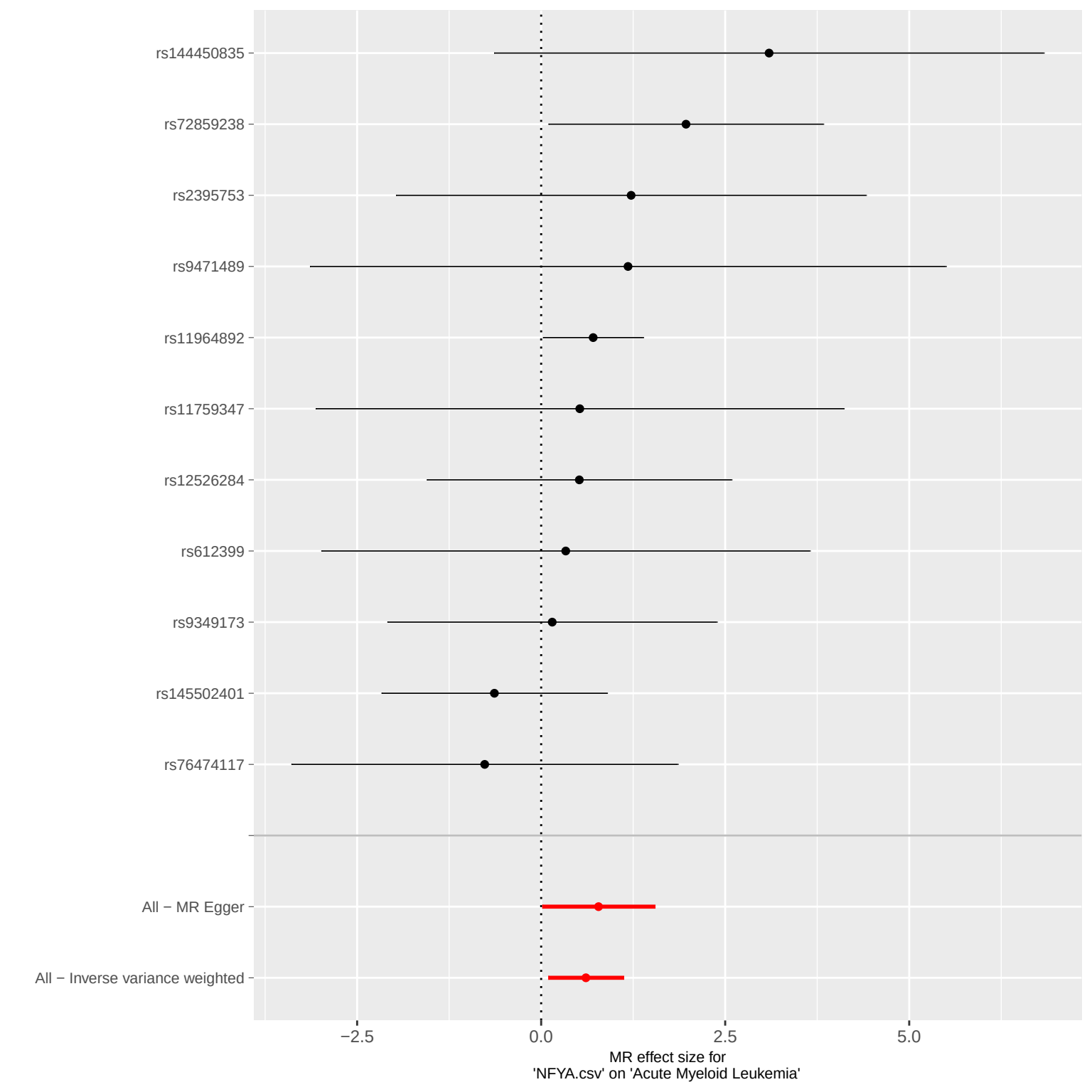
5.0
MR effect size for
'NFKBIE.csv' on 'Acute Myeloid Leukemia'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rs76474117
All − MR Egger
All − Inverse variance weighted
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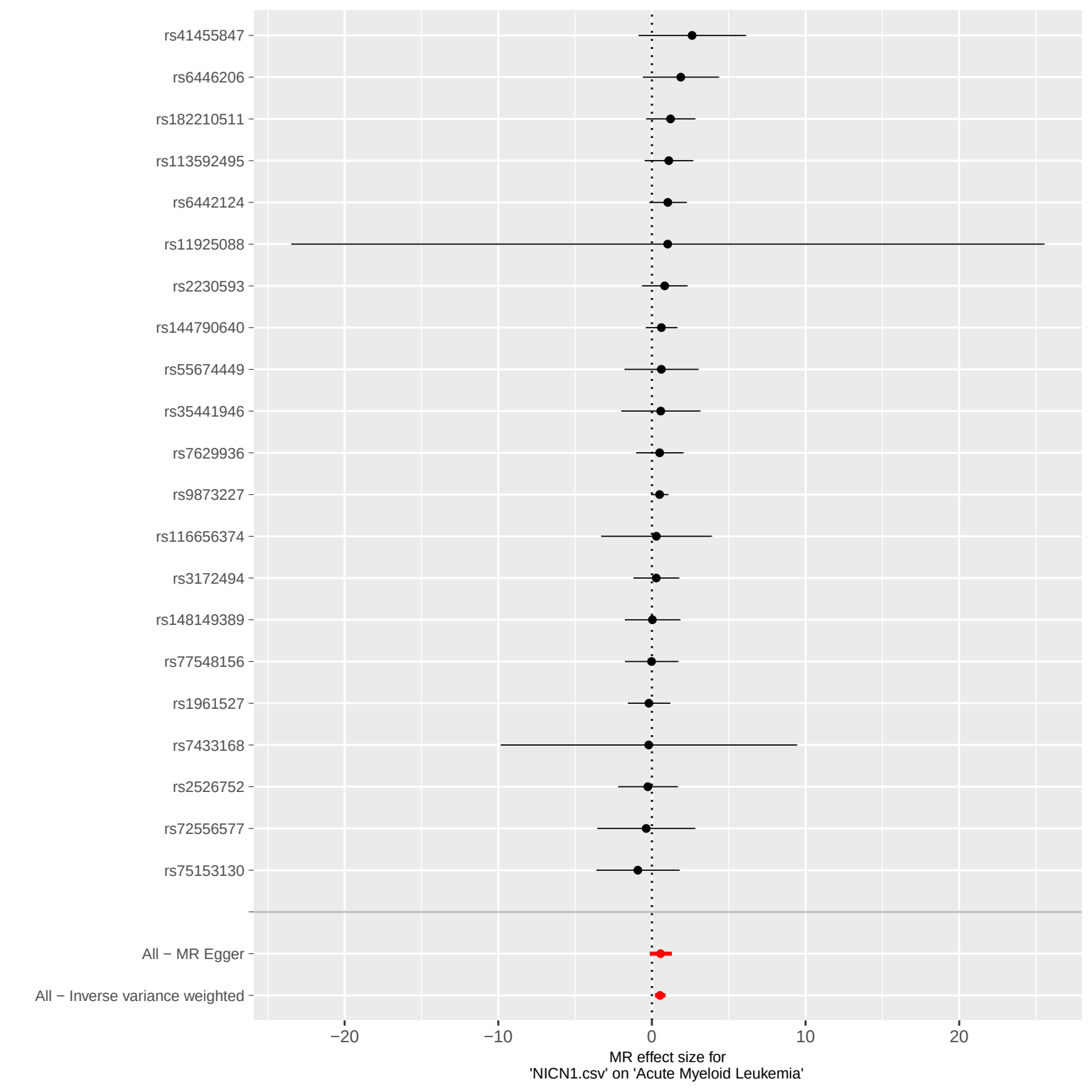
2.5
5.0
MR effect size for
'NFYA.csv' on 'Acute Myeloid Leukemia'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rs9873227
rs116656374
rs3172494
rs148149389
rs77548156
rs1961527
rs7433168
rs2526752
rs72556577
rs75153130
All − MR Egger
All − Inverse variance weighted
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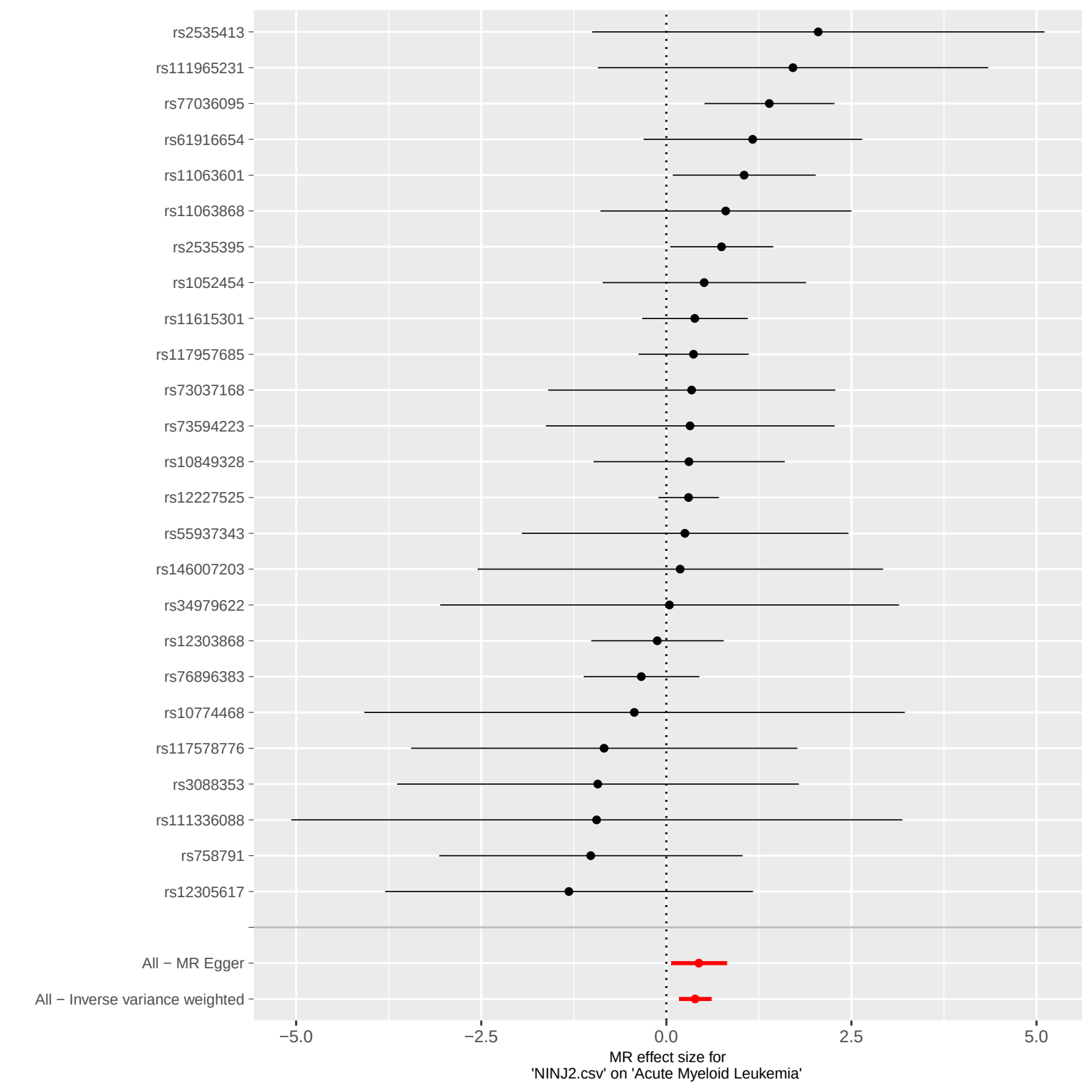
0
10
20
MR effect size for
'NICN1.csv' on 'Acute Myeloid Leukemia'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rs10849328
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rs55937343
rs146007203
rs34979622
rs12303868
rs76896383
rs10774468
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rs3088353
rs111336088
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All − MR Egger
All − Inverse variance weighted
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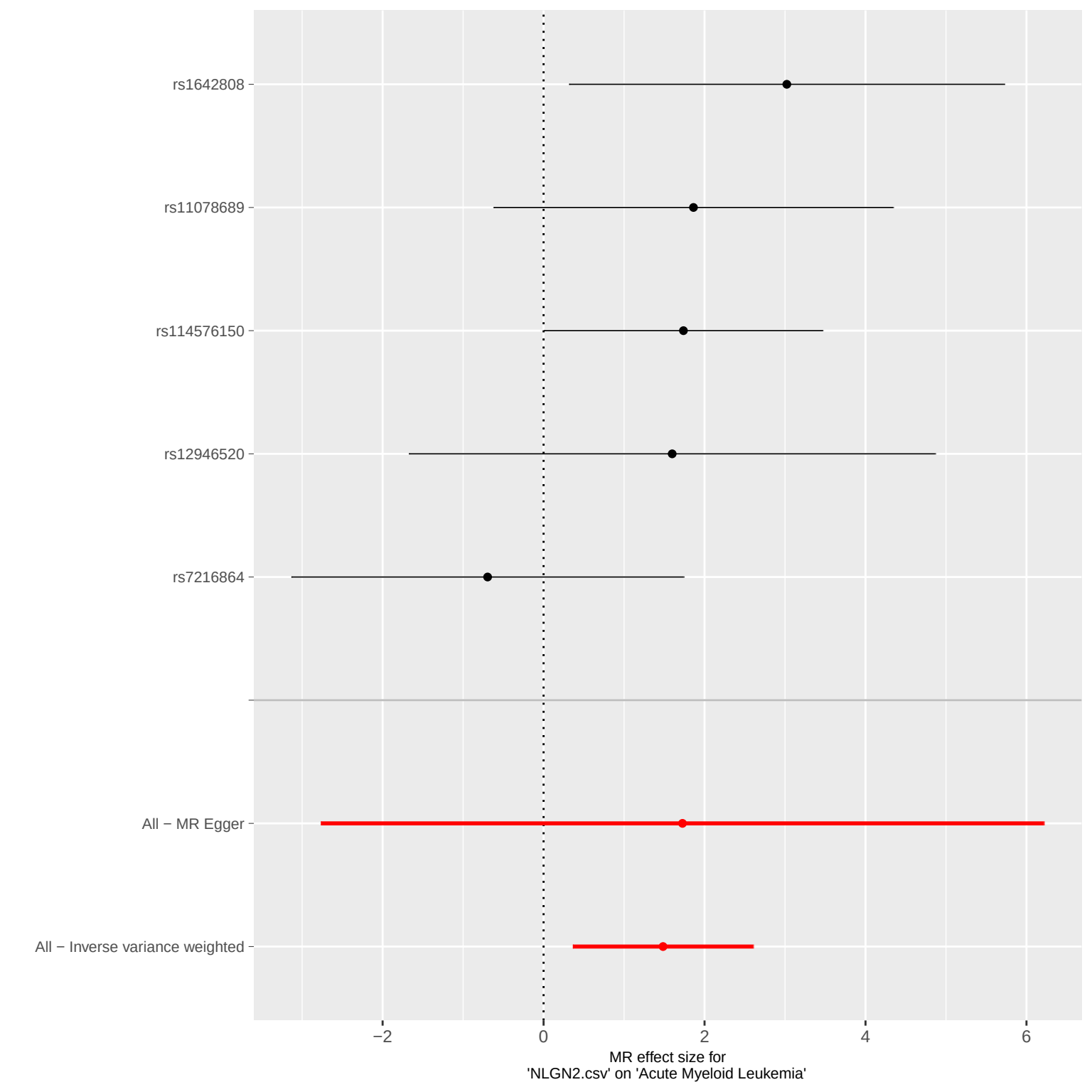
2.5
5.0
MR effect size for
'NINJ2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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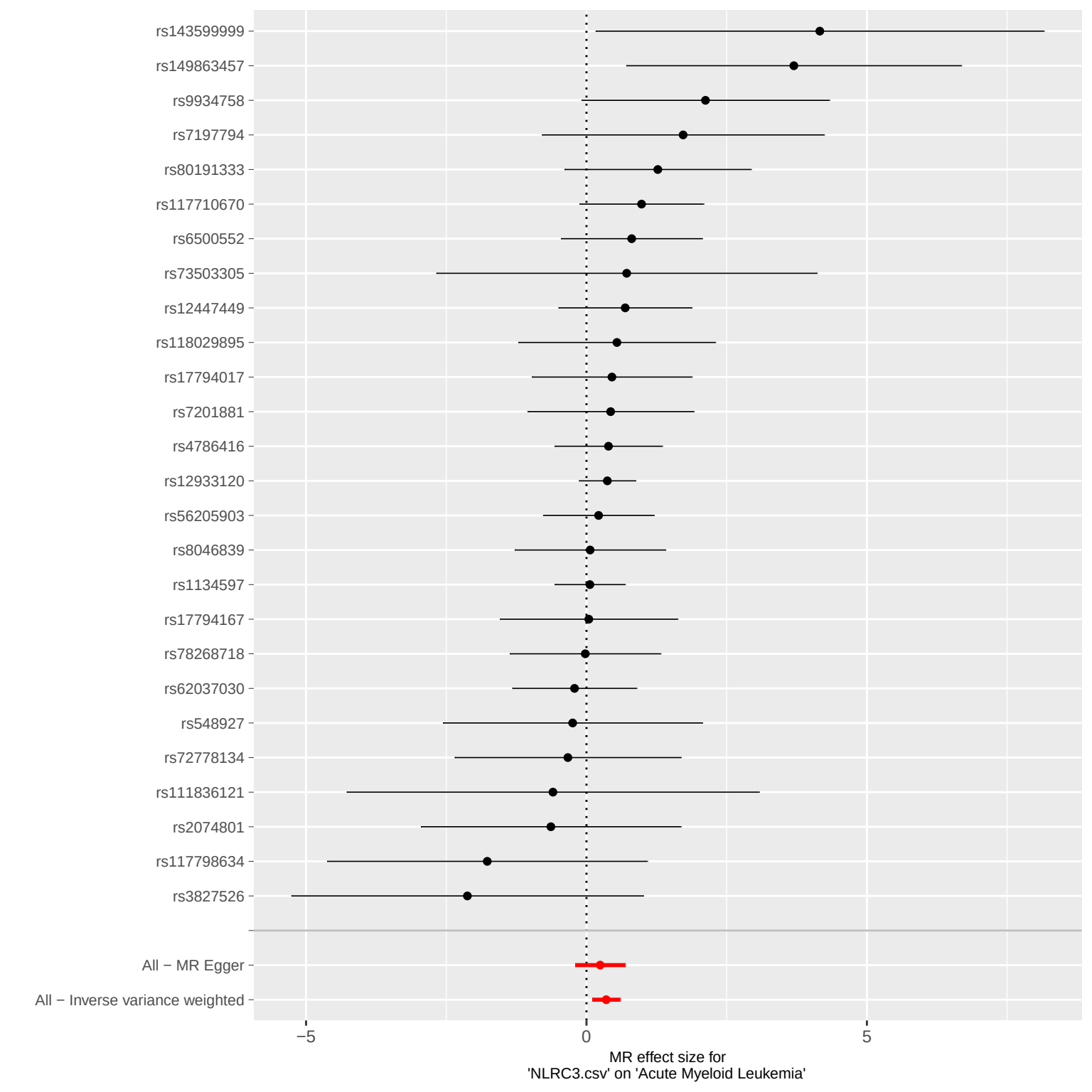
2
4
6
MR effect size for
'NLGN2.csv' on 'Acute Myeloid Leukemia'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rs4786416
rs12933120
rs56205903
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rs1134597
rs17794167
rs78268718
rs62037030
rs548927
rs72778134
rs111836121
rs2074801
rs117798634
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All − MR Egger
All − Inverse variance weighted
−5
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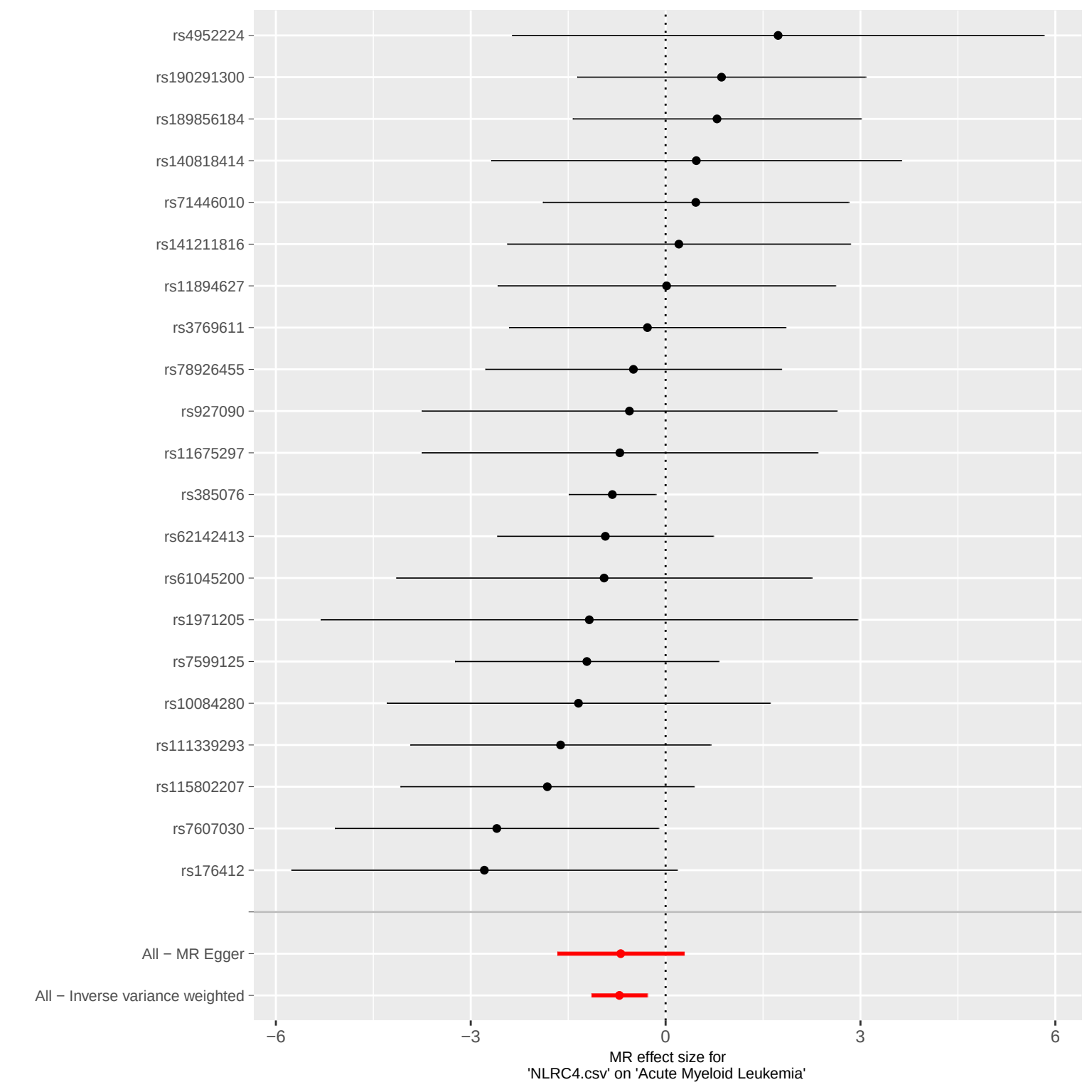
5
MR effect size for
'NLRC3.csv' on 'Acute Myeloid Leukemia'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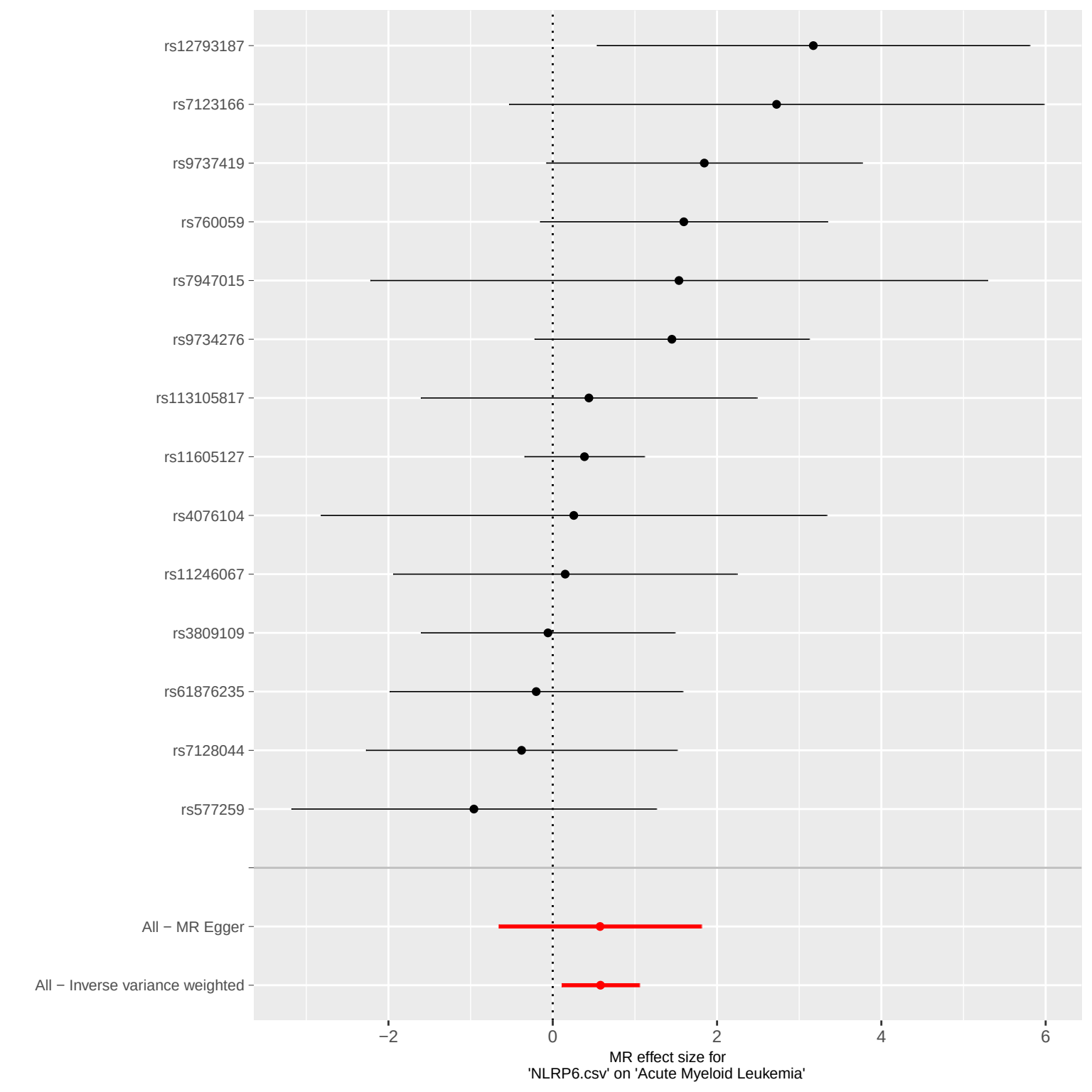
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'NLRC4.csv' on 'Acute Myeloid Leukemia'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rs61876235
rs7128044
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All − MR Egger
All − Inverse variance weighted
−2
0
2
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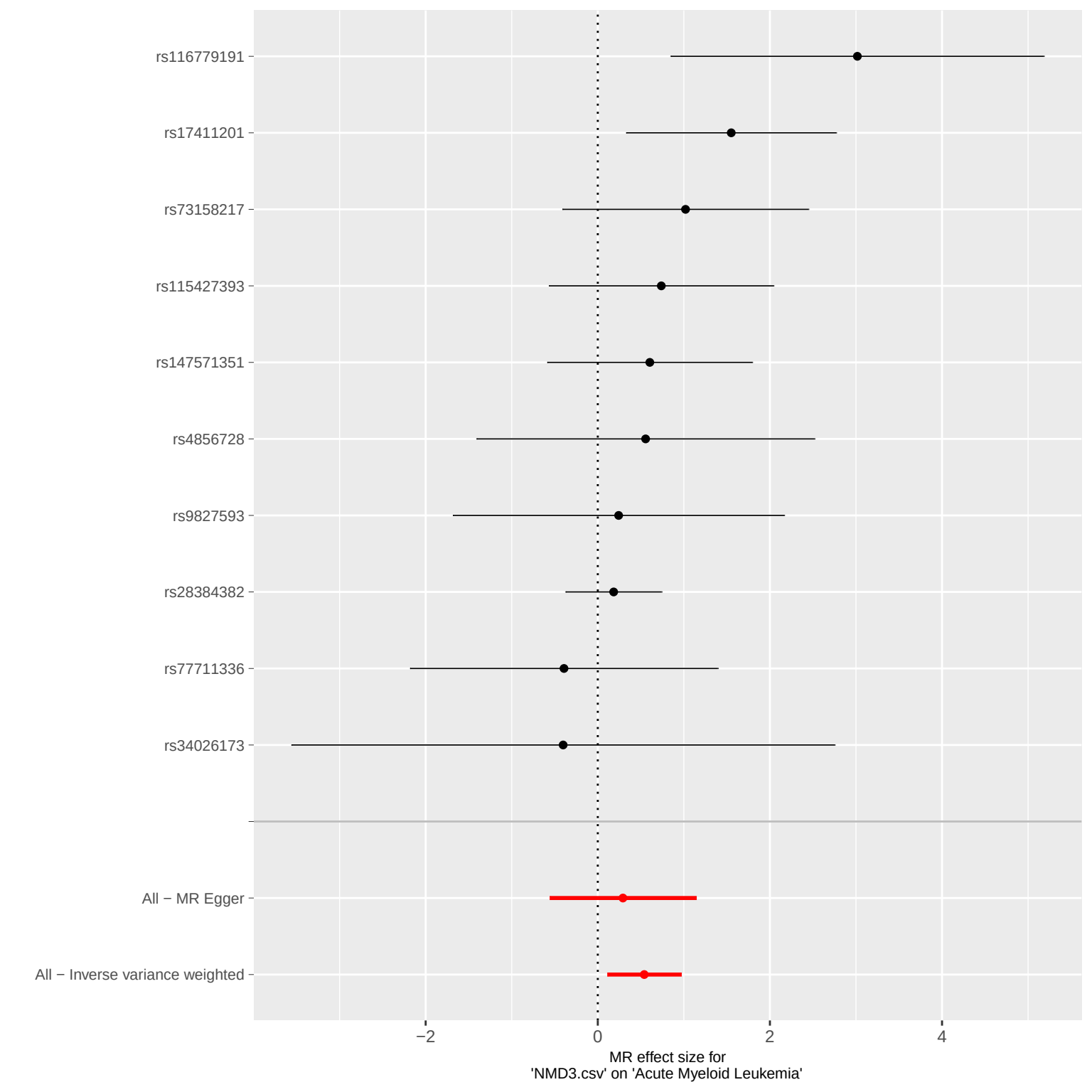
MR effect size for
'NLRP6.csv' on 'Acute Myeloid Leukemia'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rs77711336
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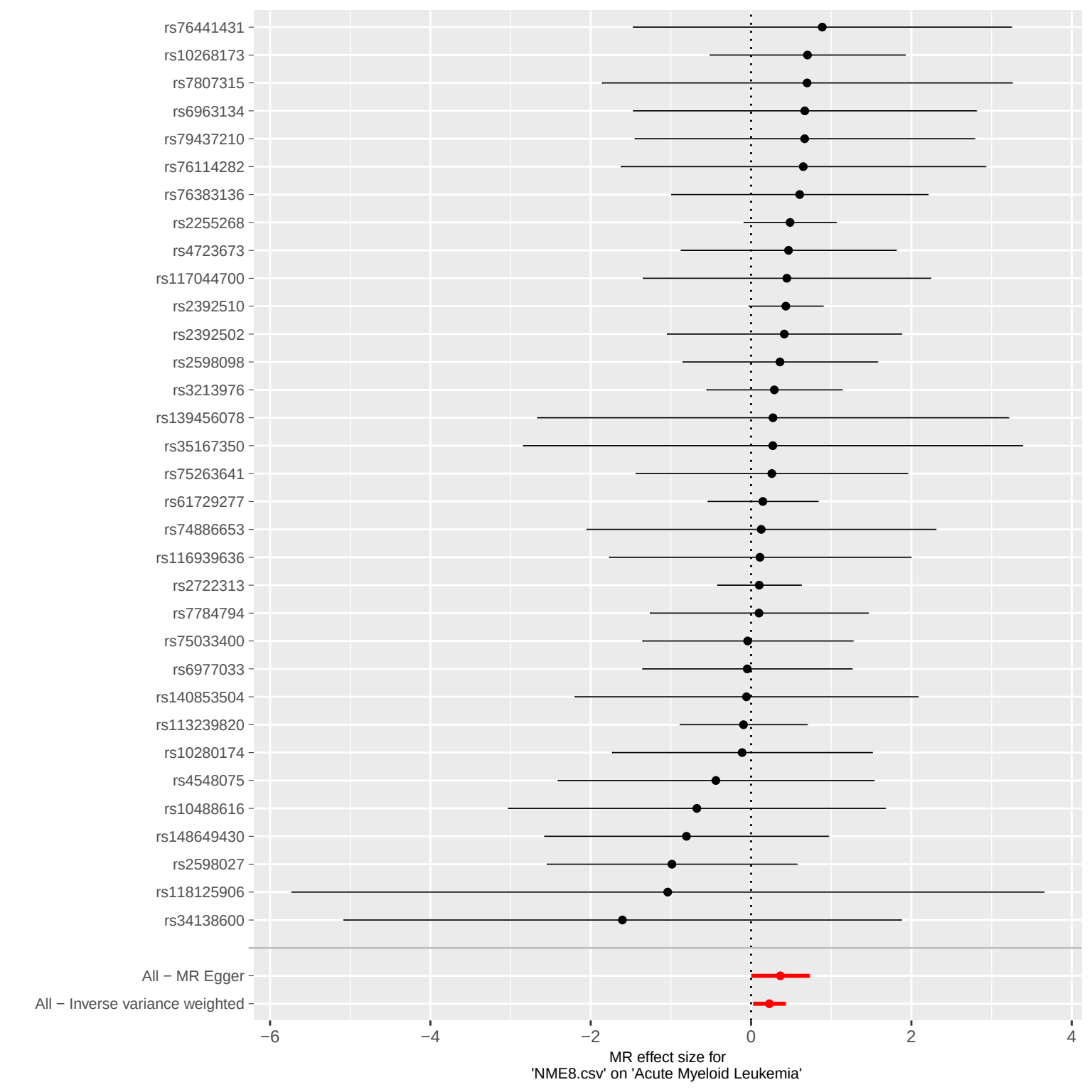
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'NMD3.csv' on 'Acute Myeloid Leukemia'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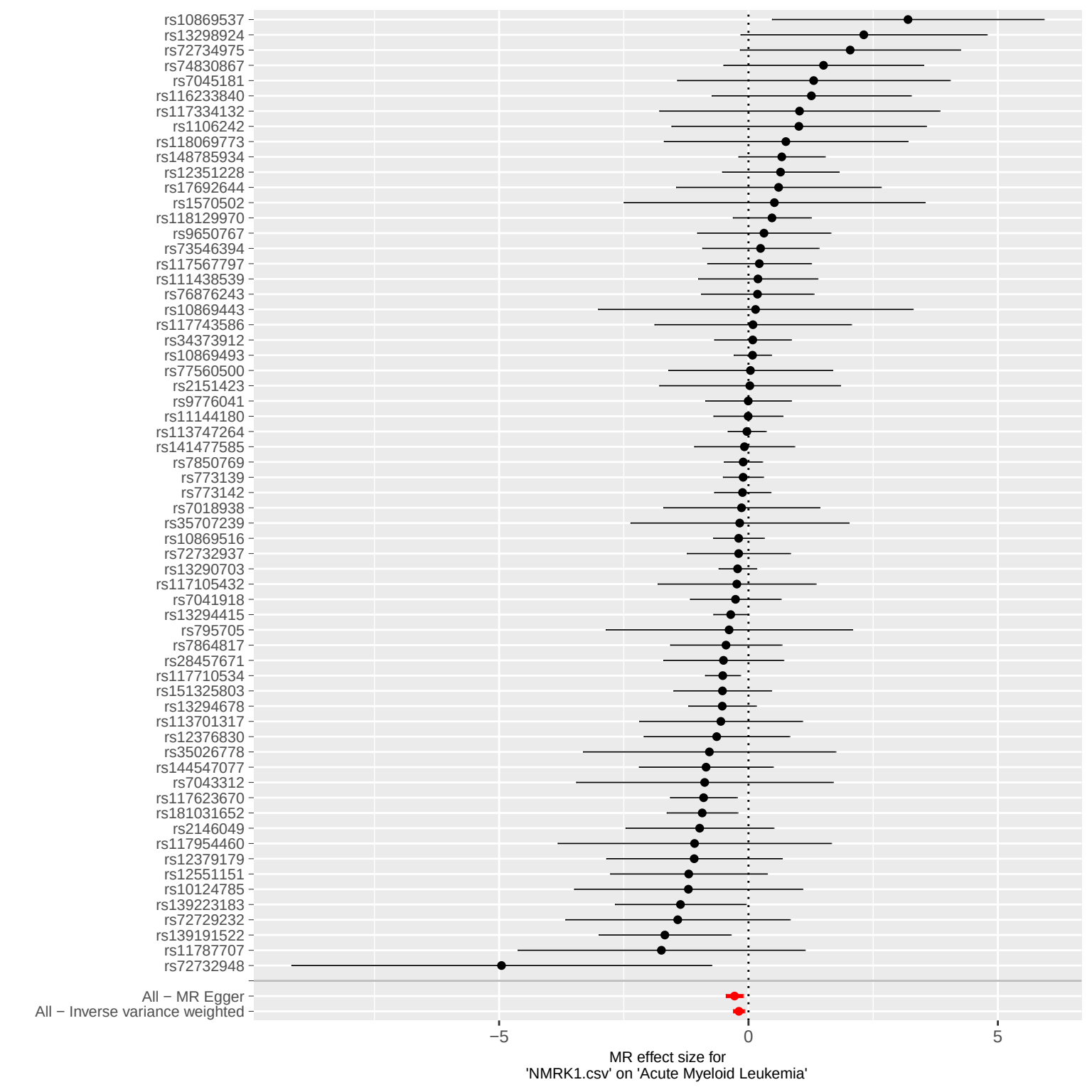
rs6977033
rs140853504
rs113239820
rs10280174
rs4548075
rs10488616
rs148649430
rs2598027
rs118125906
rs34138600
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'NME8.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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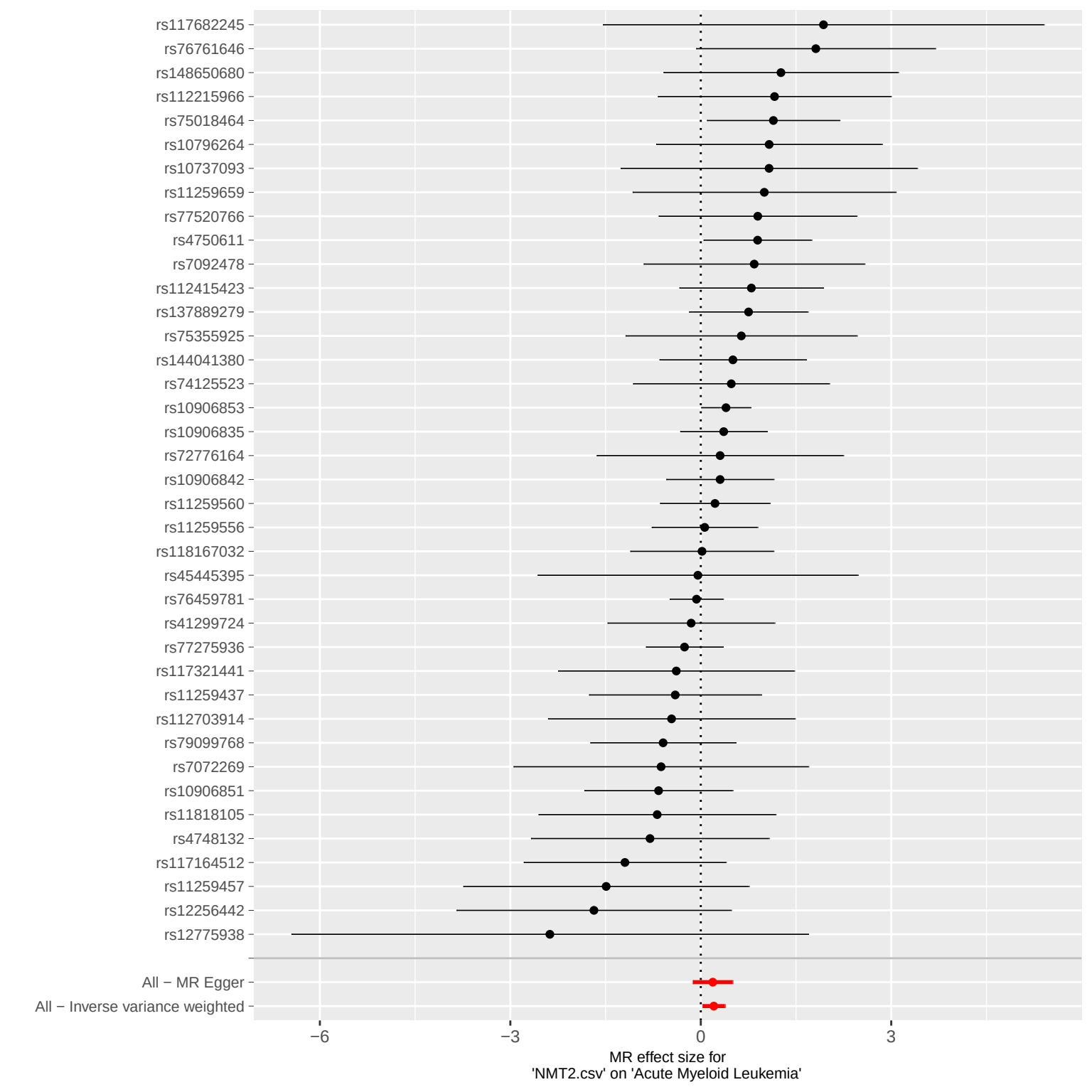
MR effect size for
'NMRK1.csv' on 'Acute Myeloid Leukemia'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rs41299724
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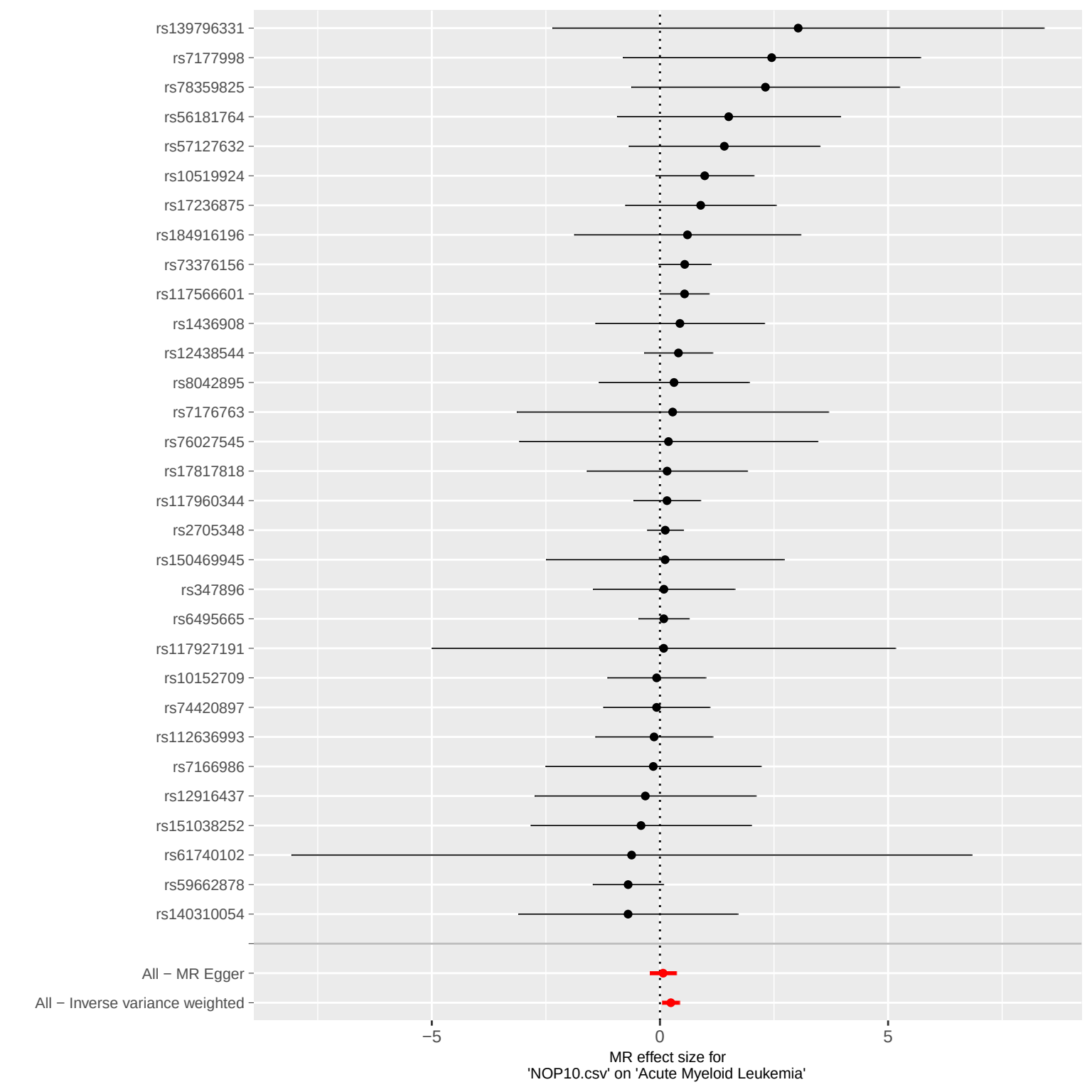
rs117321441
rs11259437
rs112703914
rs79099768
rs7072269
rs10906851
rs11818105
rs4748132
rs117164512
rs11259457
rs12256442
rs12775938
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'NMT2.csv' on 'Acute Myeloid Leukemia'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rs117927191
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rs74420897
rs112636993
rs7166986
rs12916437
rs151038252
rs61740102
rs59662878
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All − MR Egger
All − Inverse variance weighted
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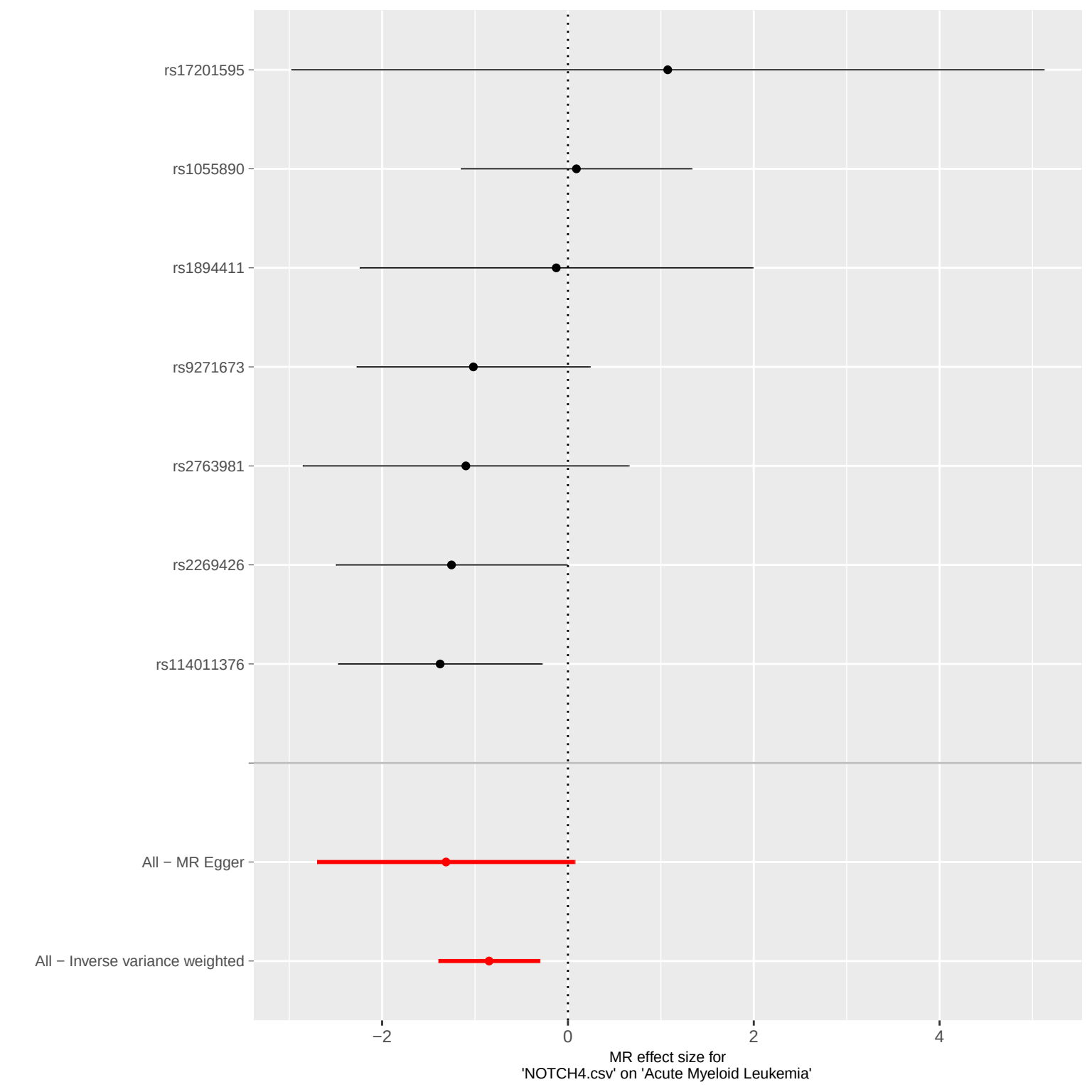
5
MR effect size for
'NOP10.csv' on 'Acute Myeloid Leukemia'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rs1055890
rs1894411
rs9271673
rs2763981
rs2269426
rs114011376
All − MR Egger
All − Inverse variance weighted
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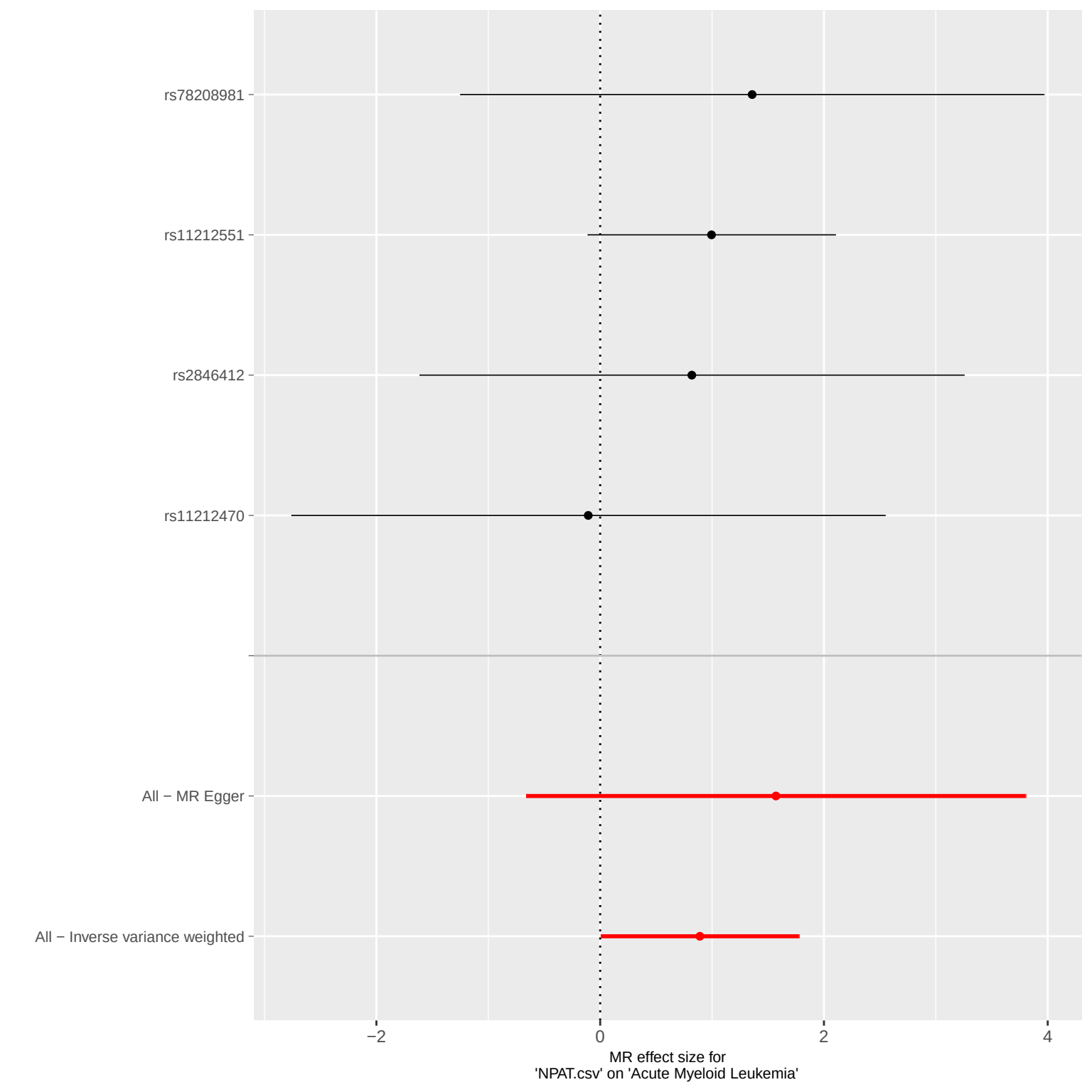
4
MR effect size for
'NOTCH4.csv' on 'Acute Myeloid Leukemia'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rs11212551
rs2846412
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All − MR Egger
All − Inverse variance weighted
−2
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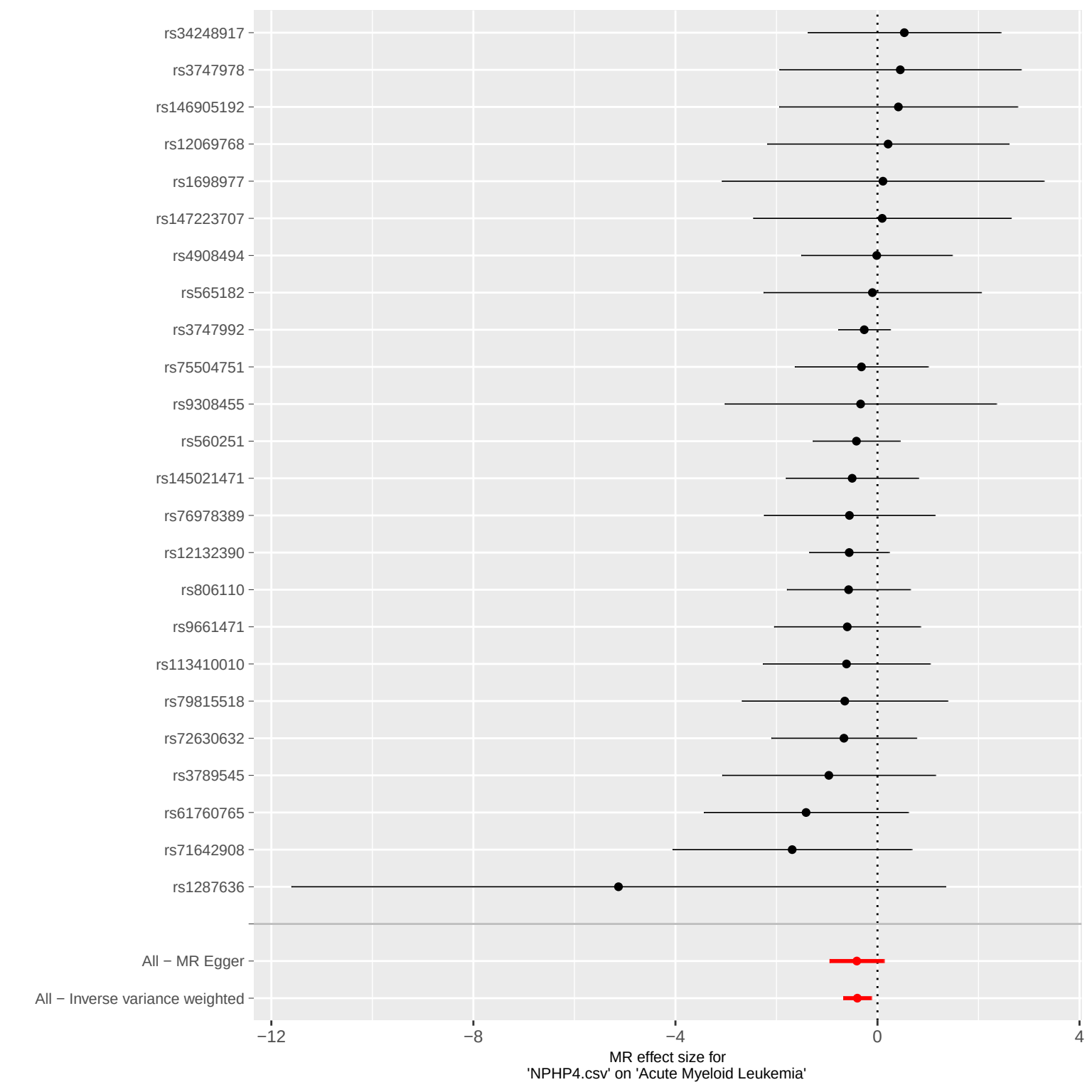
2
4
MR effect size for
'NPAT.csv' on 'Acute Myeloid Leukemia'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rs146905192
rs12069768
rs1698977
rs147223707
rs4908494
rs565182
rs3747992
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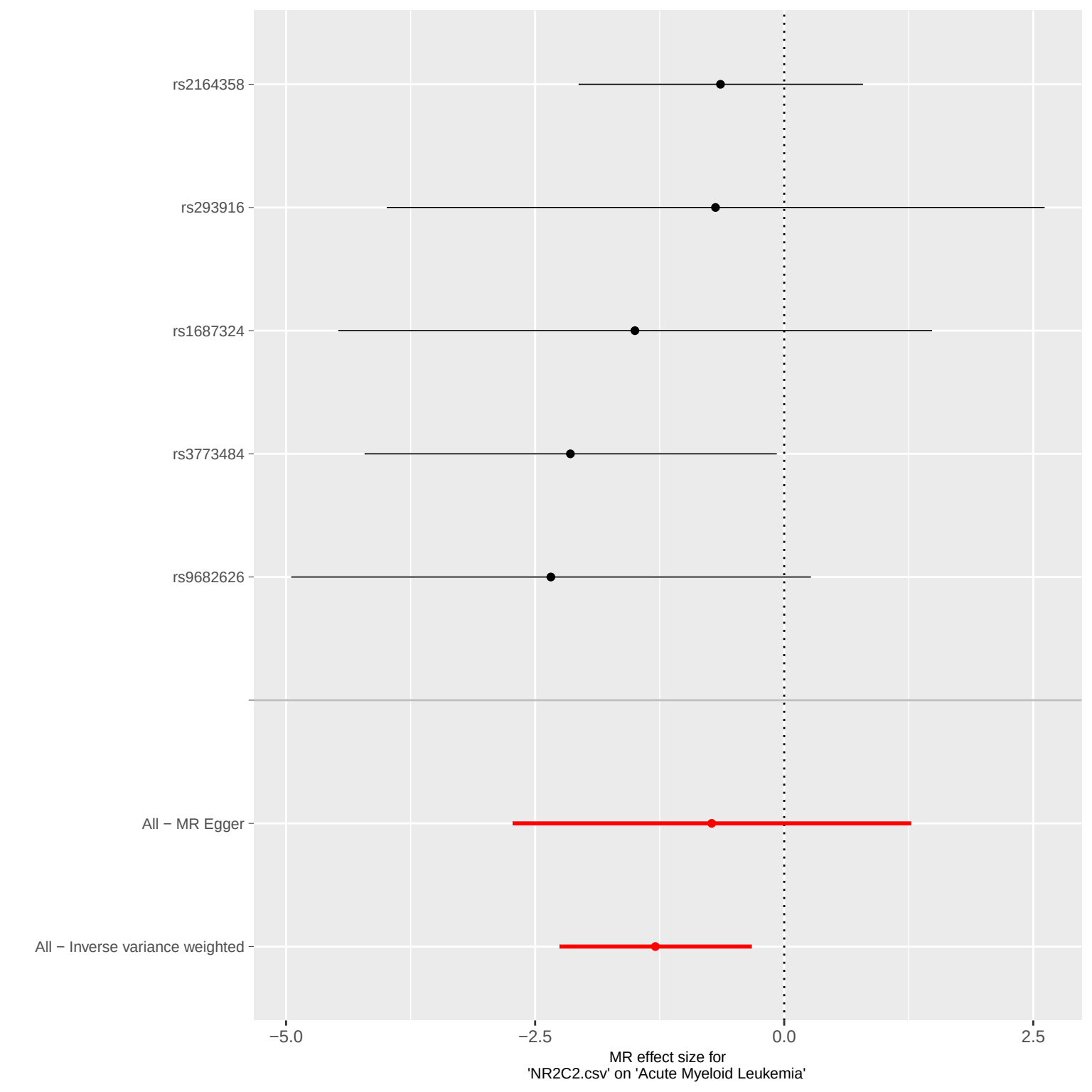
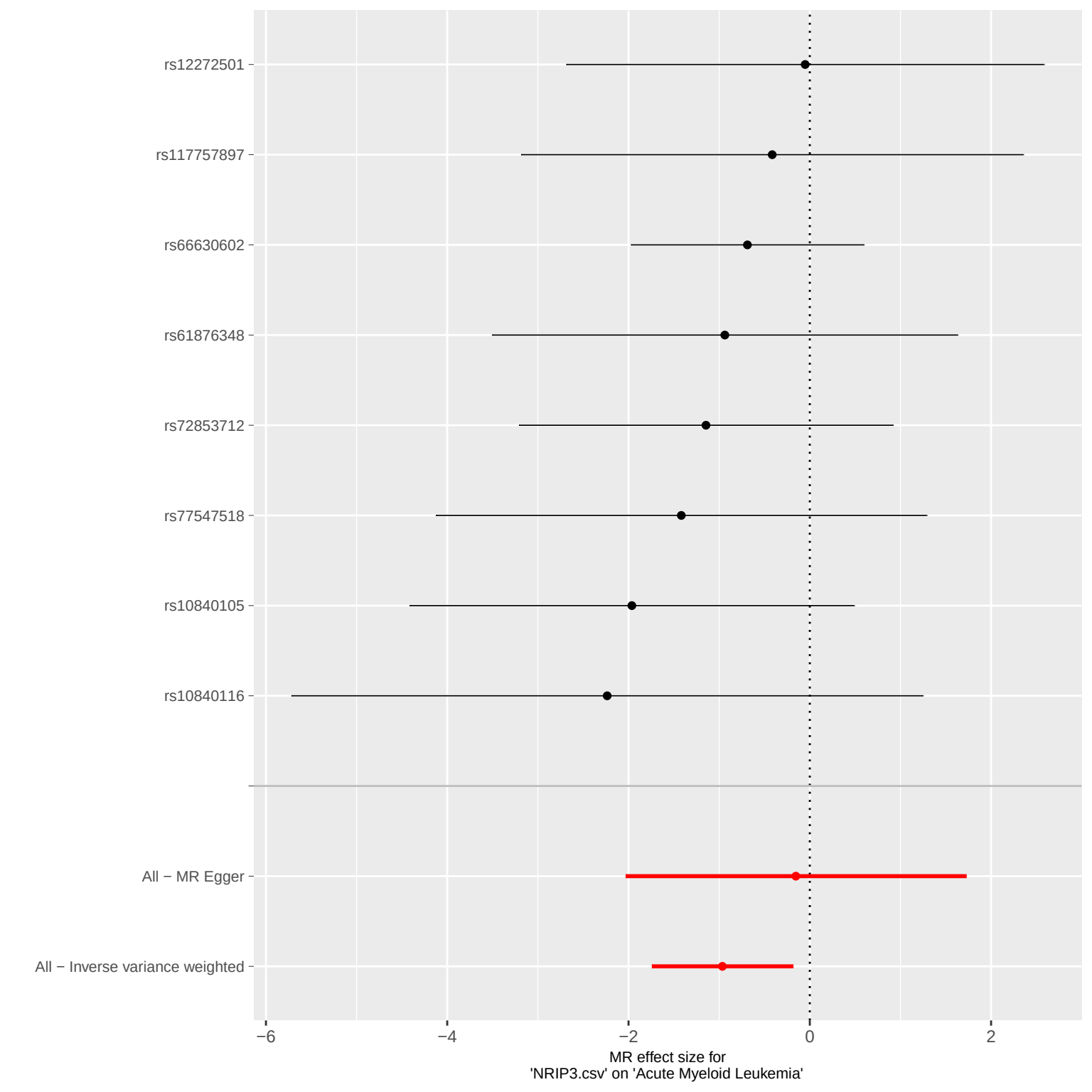
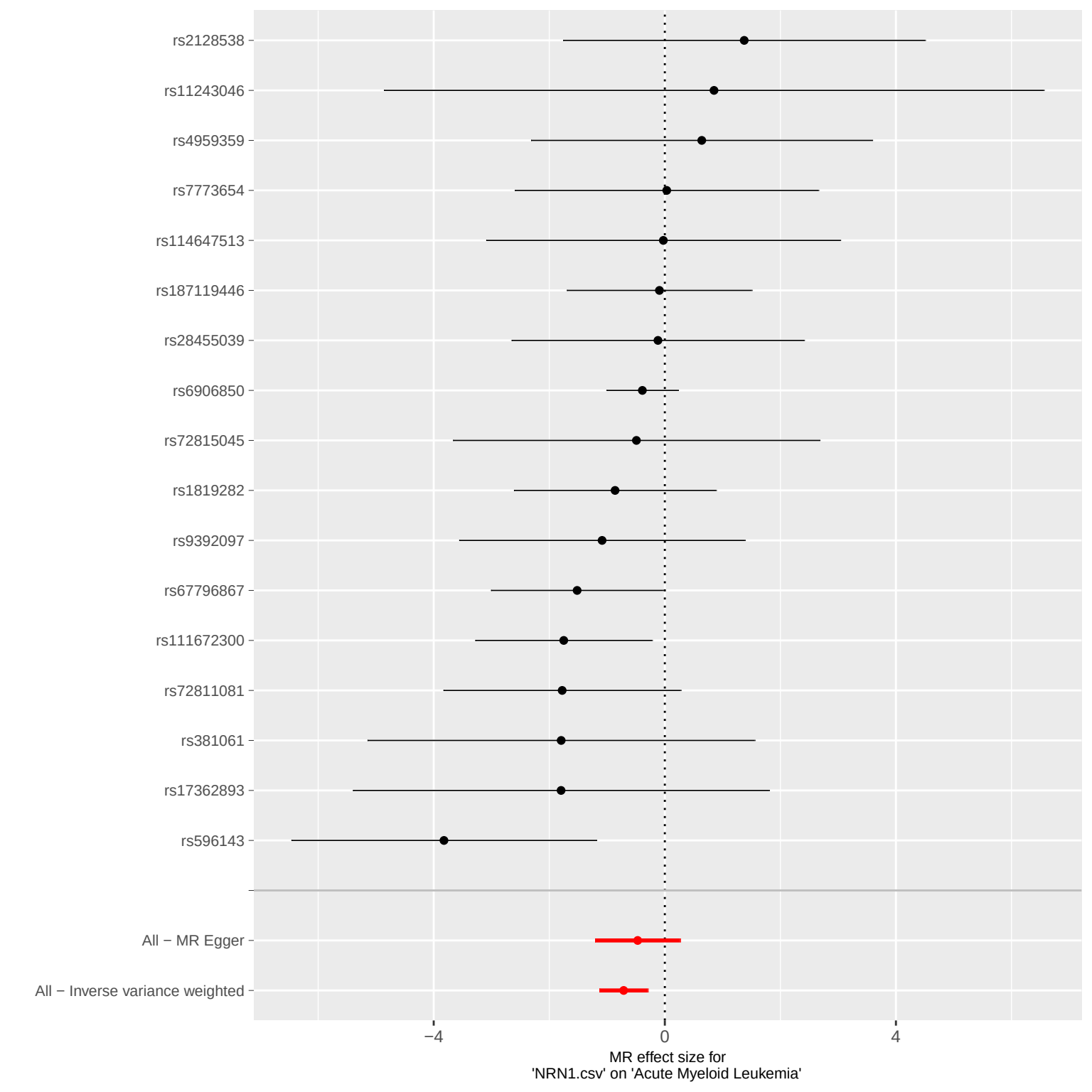
rs560251
rs145021471
rs76978389
rs12132390
rs806110
rs9661471
rs113410010
rs79815518
rs72630632
rs3789545
rs61760765
rs71642908
rs1287636
All − MR Egger
All − Inverse variance weighted
−12
−8
−4
0
4
MR effect size for
'NPHP4.csv' on 'Acute Myeloid Leukemia'


rs2164358
rs293916
rs1687324
rs3773484
rs9682626
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'NR2C2.csv' on 'Acute Myeloid Leukemia'


rs12272501
rs117757897
rs66630602
rs61876348
rs72853712
rs77547518
rs10840105
rs10840116
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'NRIP3.csv' on 'Acute Myeloid Leukemia'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rs4959359
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rs114647513
rs187119446
rs28455039
rs6906850
rs72815045
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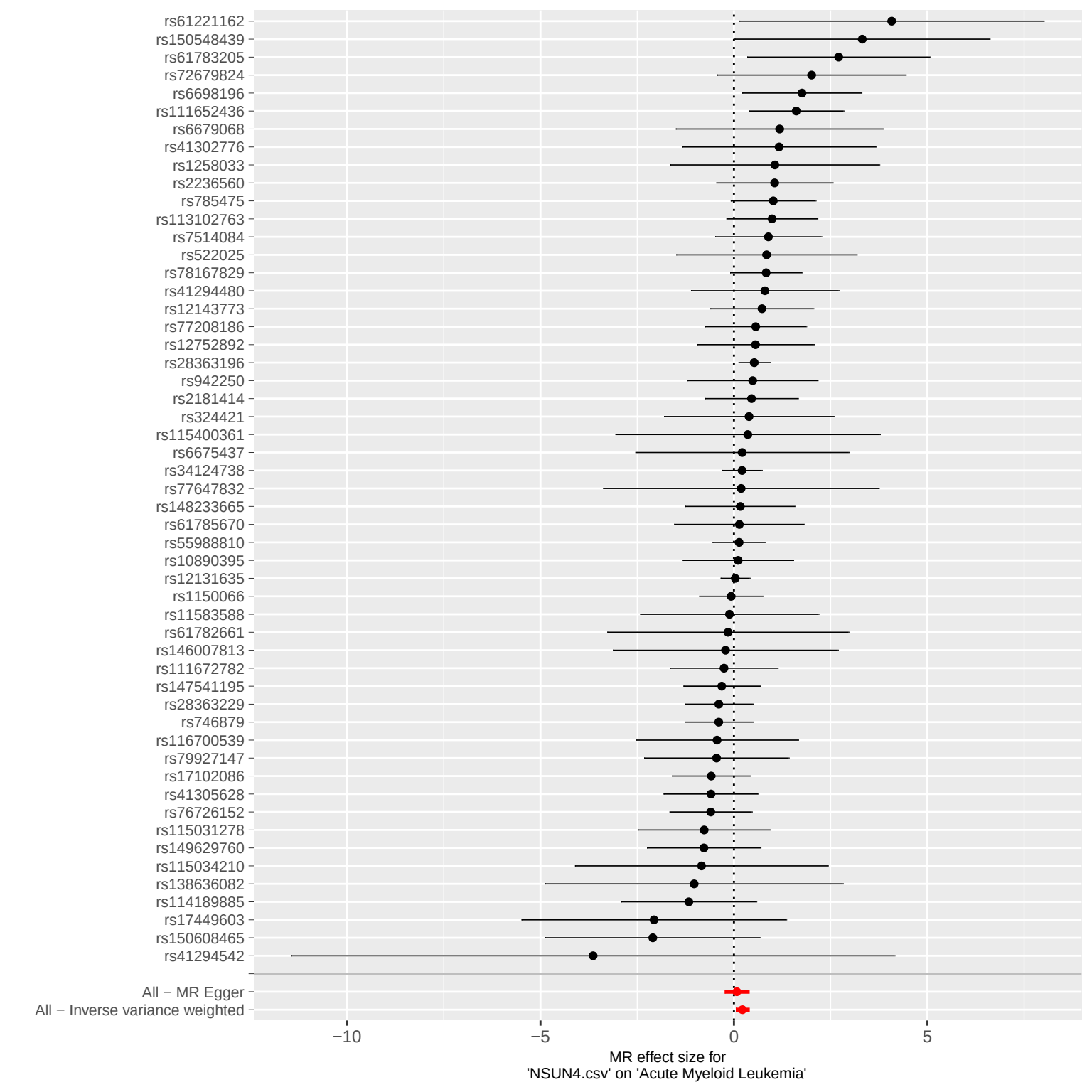
rs9392097
rs67796867
rs111672300
rs72811081
rs381061
rs17362893
rs596143
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'NRN1.csv' on 'Acute Myeloid Leukemia'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rs61783205
rs72679824
rs6698196
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rs785475
rs113102763
rs7514084
rs522025
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rs41294480
rs12143773
rs77208186
rs12752892
rs28363196
rs942250
rs2181414
rs324421
rs115400361
rs6675437
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rs77647832
rs148233665
rs61785670
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rs1150066
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rs61782661
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rs111672782
rs147541195
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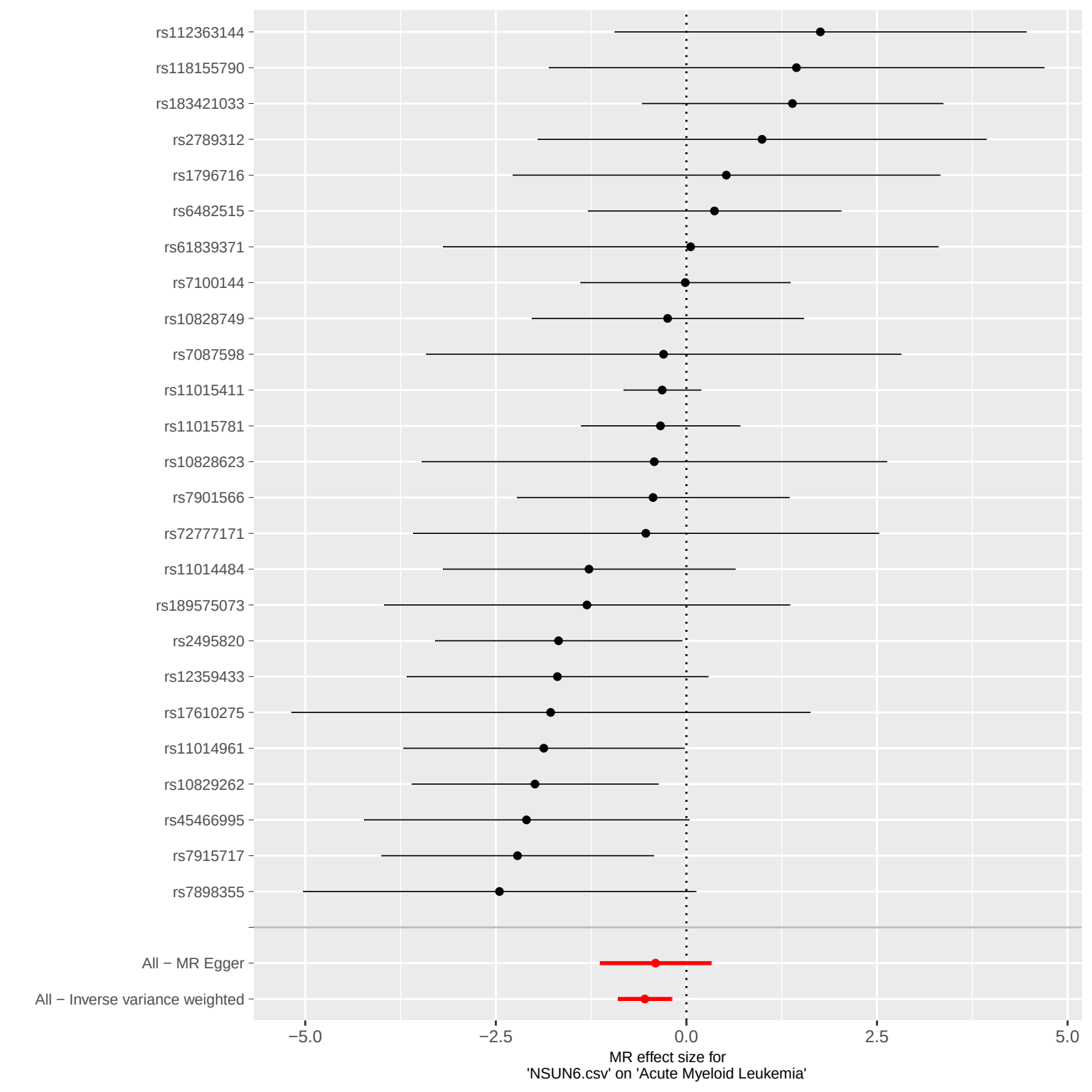
rs746879
rs116700539
rs79927147
rs17102086
rs41305628
rs76726152
rs115031278
rs149629760
rs115034210
rs138636082
rs114189885
rs17449603
rs150608465
rs41294542
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'NSUN4.csv' on 'Acute Myeloid Leukemia'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rs1796716
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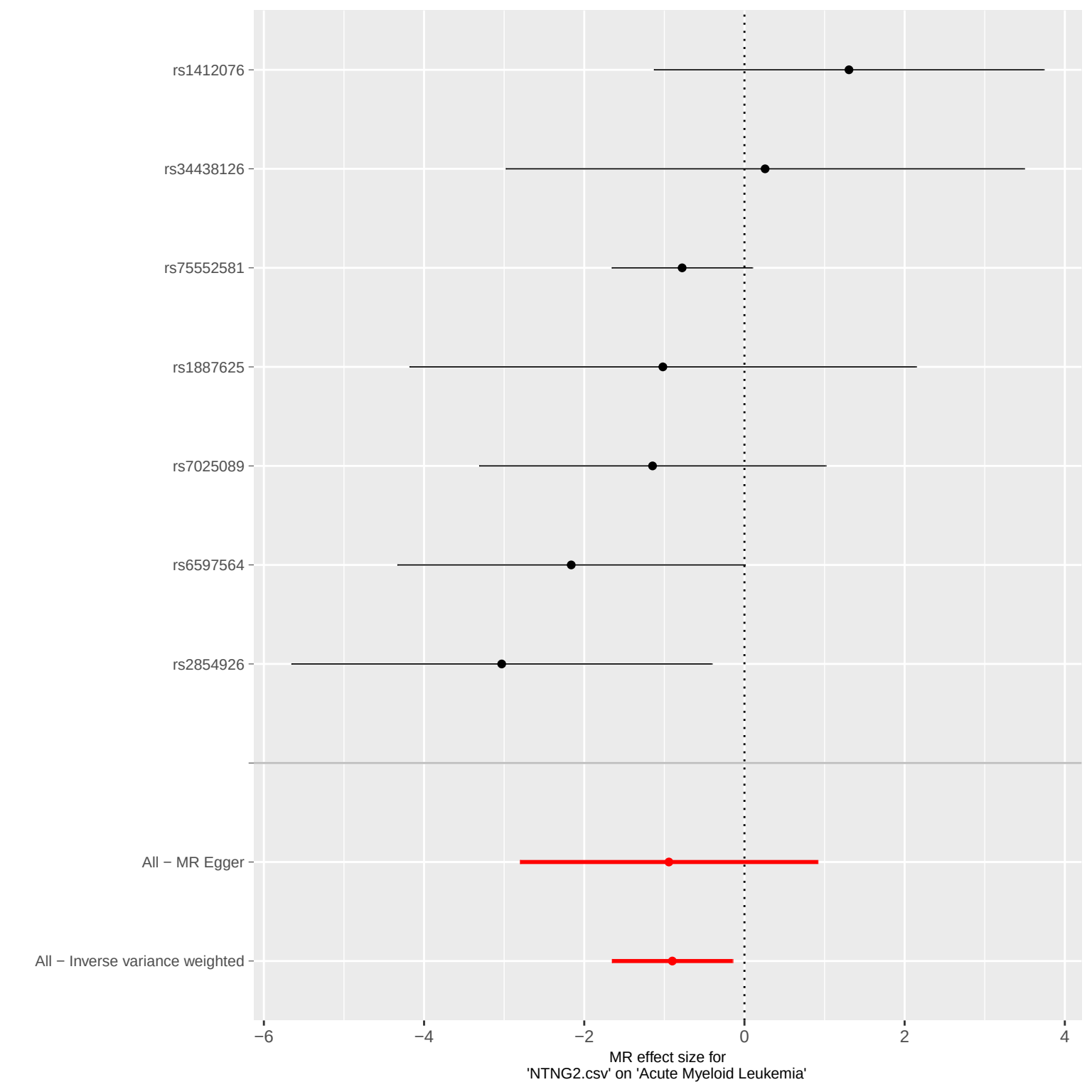
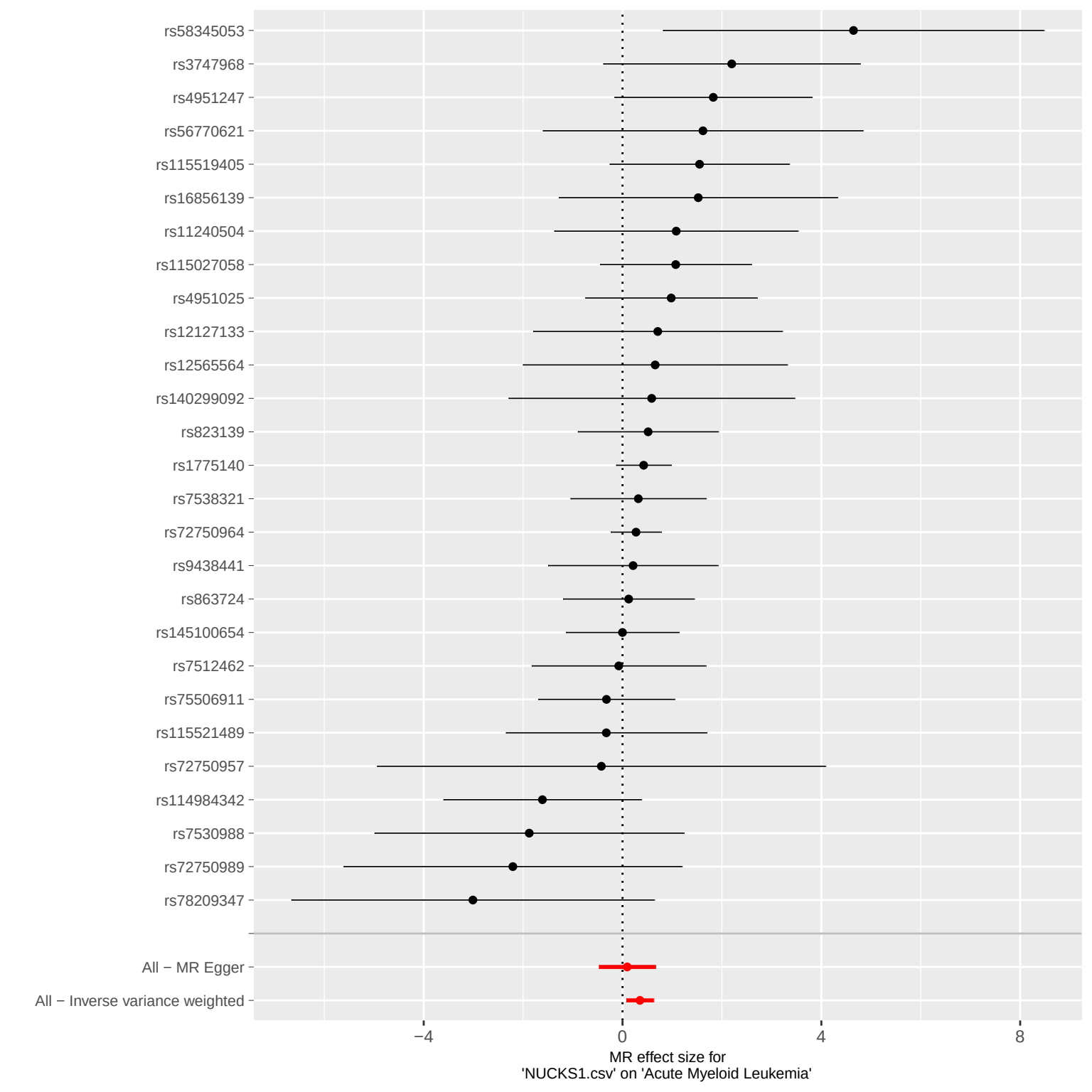
rs11015781
rs10828623
rs7901566
rs72777171
rs11014484
rs189575073
rs2495820
rs12359433
rs17610275
rs11014961
rs10829262
rs45466995
rs7915717
rs7898355
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'NSUN6.csv' on 'Acute Myeloid Leukemia'


rs1412076
rs34438126
rs75552581
rs1887625
rs7025089
rs6597564
rs2854926
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'NTNG2.csv' on 'Acute Myeloid Leukemia'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rs4951247
rs56770621
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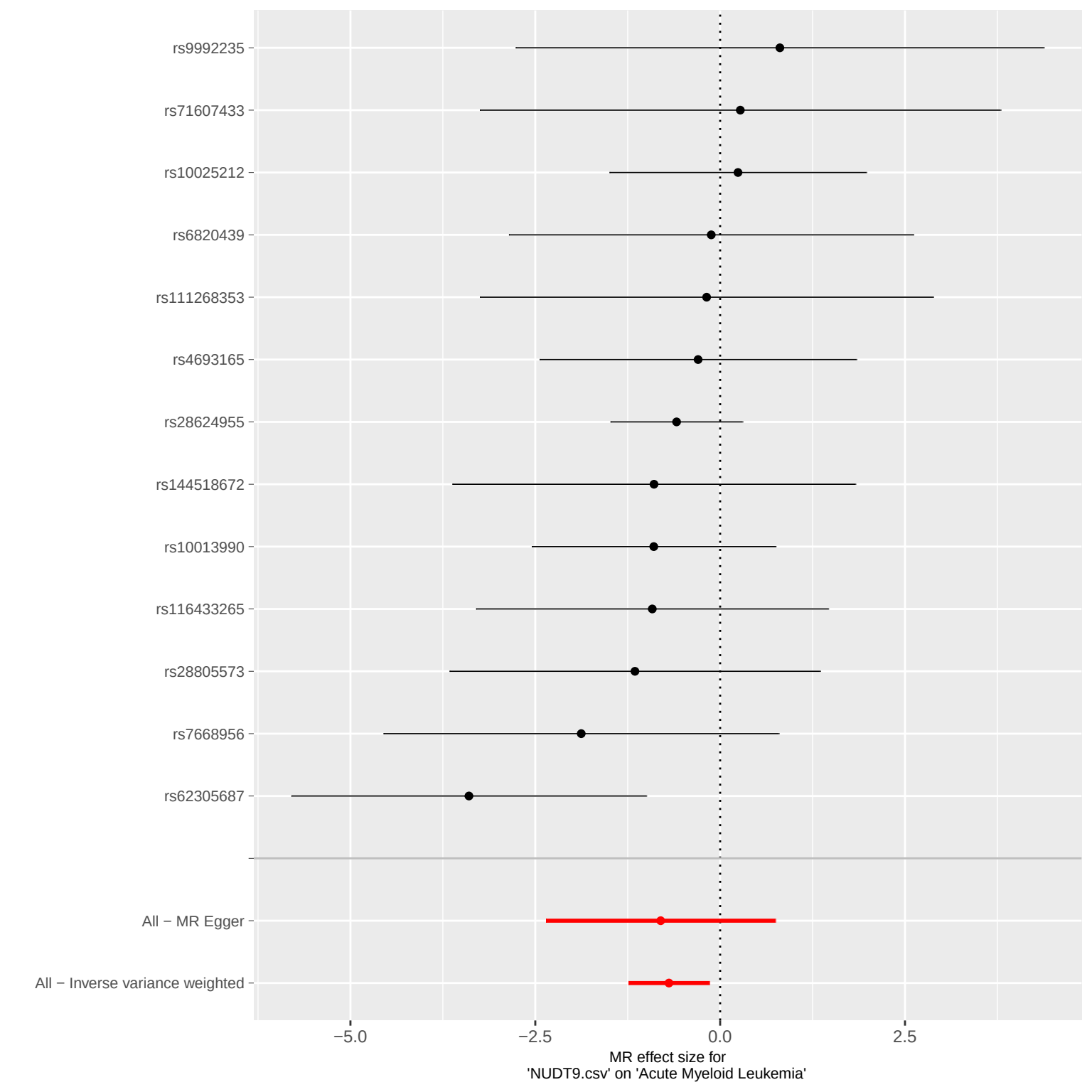
rs140299092
rs823139
rs1775140
rs7538321
rs72750964
rs9438441
rs863724
rs145100654
rs7512462
rs75506911
rs115521489
rs72750957
rs114984342
rs7530988
rs72750989
rs78209347
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'NUCKS1.csv' on 'Acute Myeloid Leukemia'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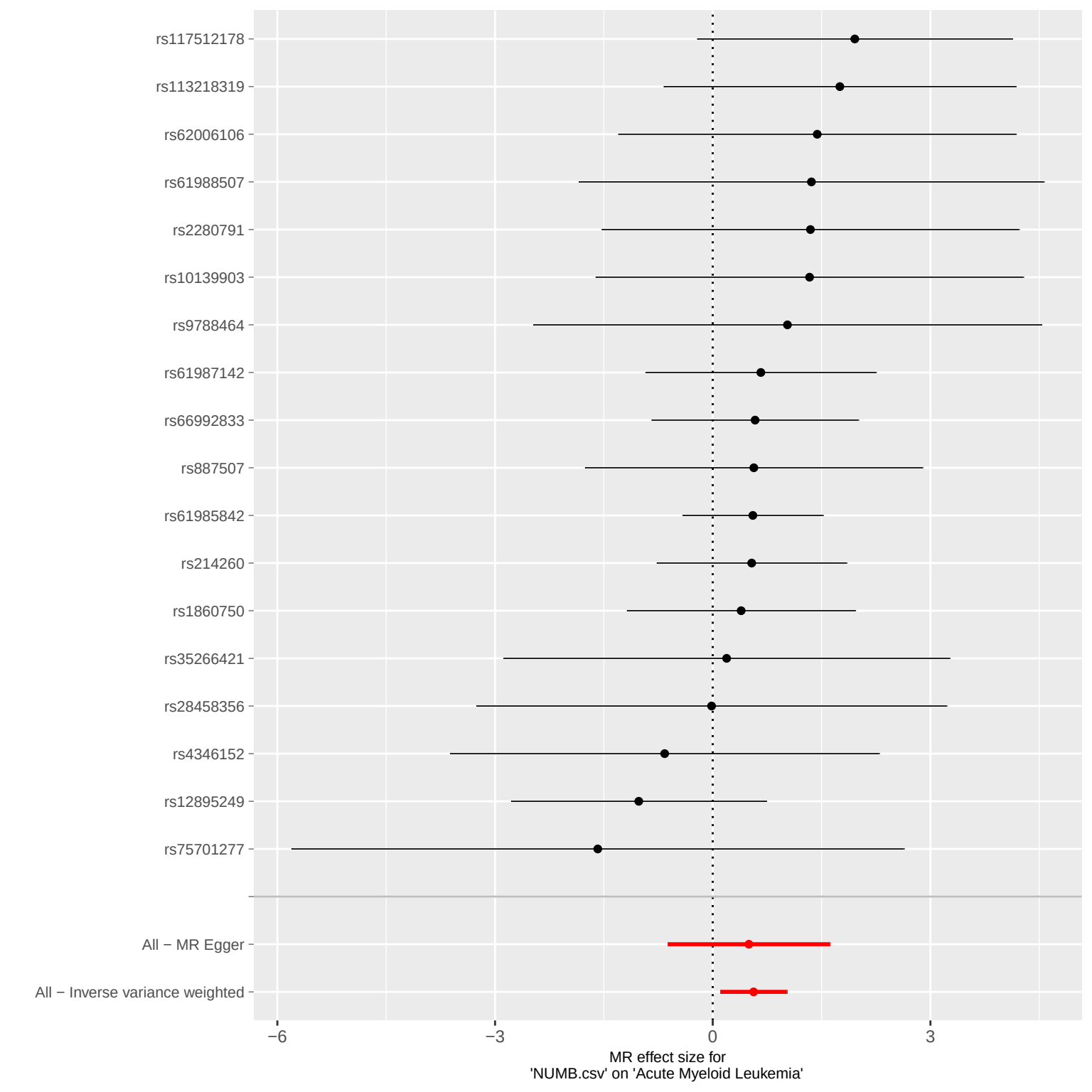
rs71607433
rs10025212
rs6820439
rs111268353
rs4693165
rs28624955
rs144518672
rs10013990
rs116433265
rs28805573
rs7668956
rs62305687
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'NUDT9.csv' on 'Acute Myeloid Leukemia'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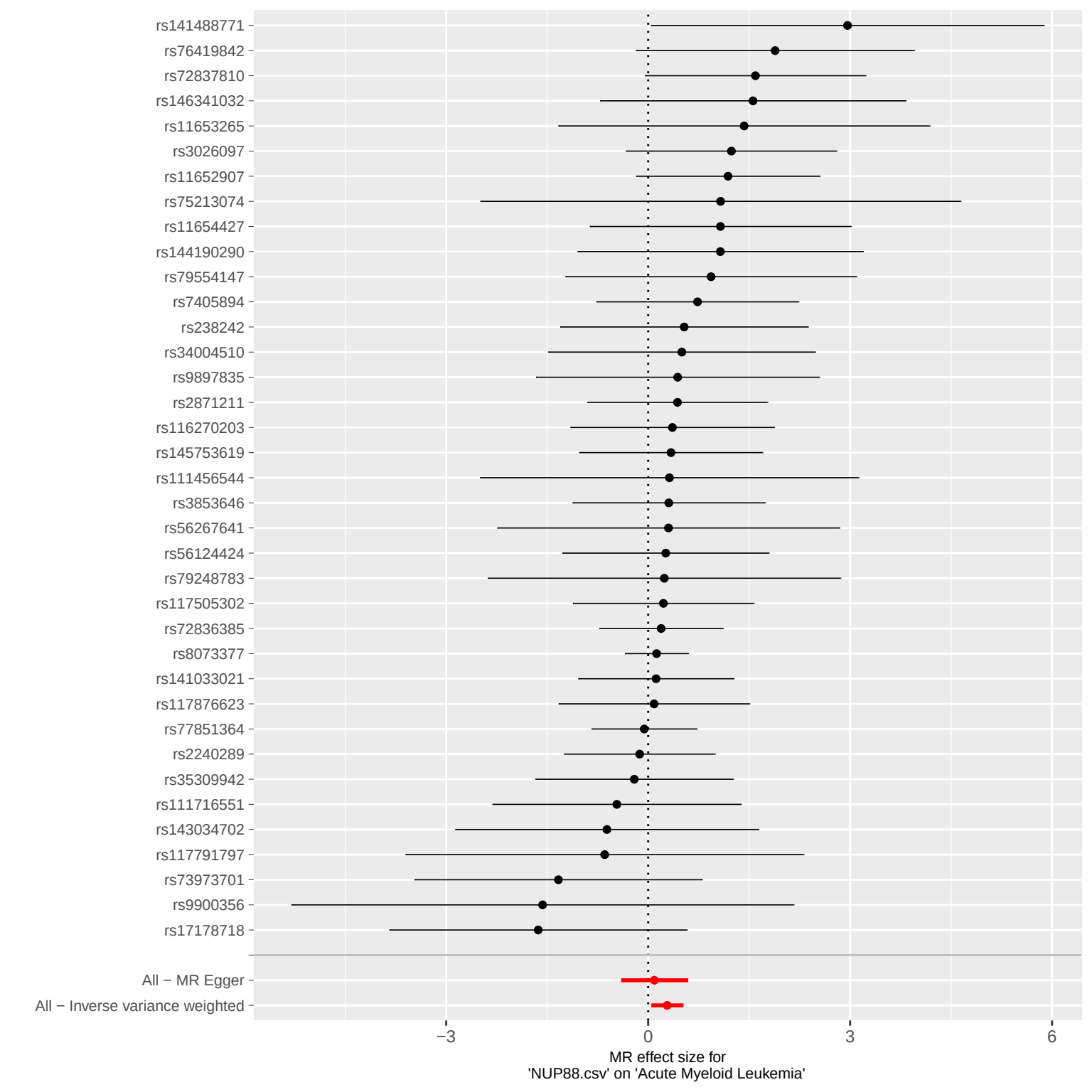
rs61985842
rs214260
rs1860750
rs35266421
rs28458356
rs4346152
rs12895249
rs75701277
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'NUMB.csv' on 'Acute Myeloid Leukemia'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rs3026097
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rs79554147
rs7405894
rs238242
rs34004510
rs9897835
rs2871211
rs116270203
rs145753619
rs111456544
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rs56267641
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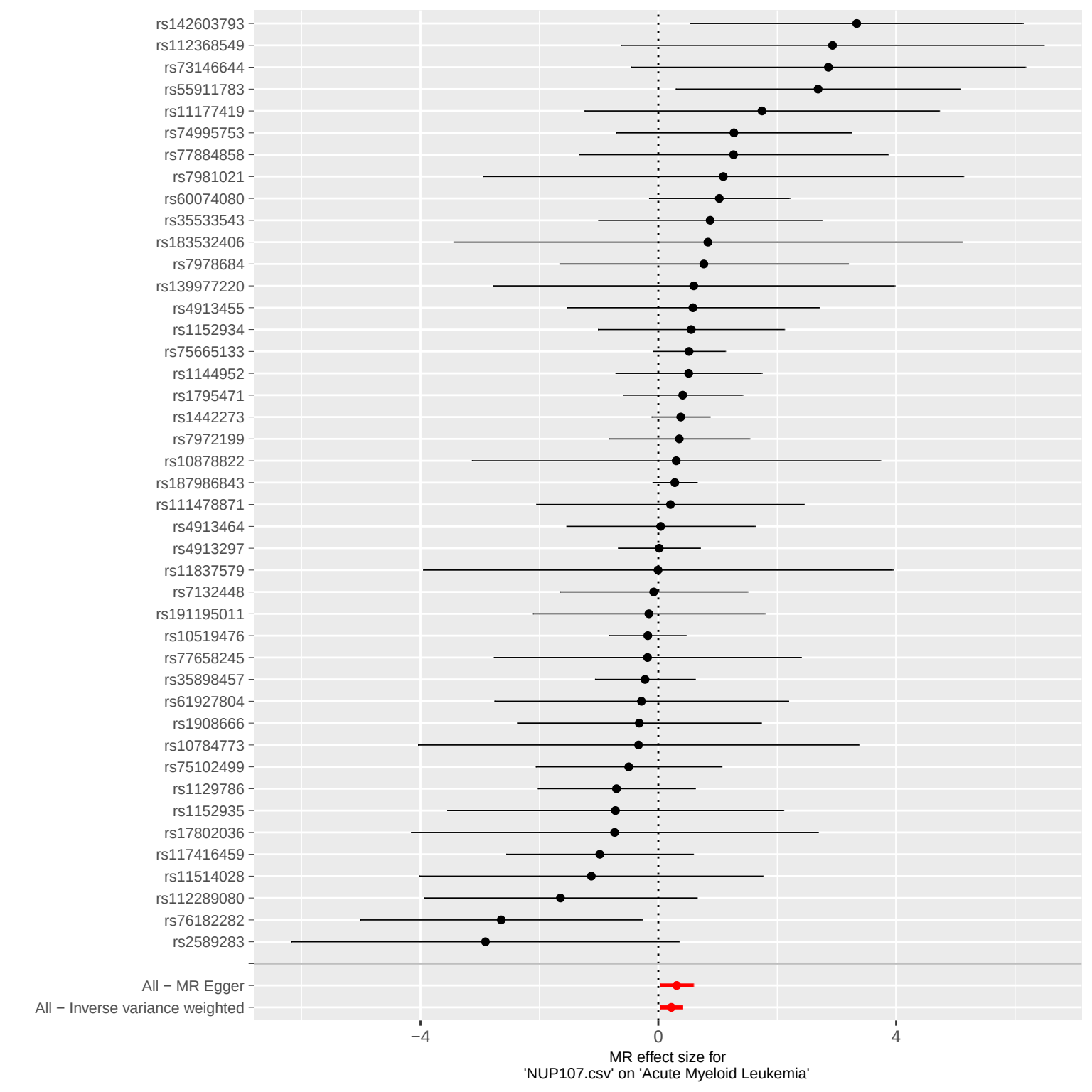
rs79248783
rs117505302
rs72836385
rs8073377
rs141033021
rs117876623
rs77851364
rs2240289
rs35309942
rs111716551
rs143034702
rs117791797
rs73973701
rs9900356
rs17178718
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'NUP88.csv' on 'Acute Myeloid Leukemia'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rs35533543
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rs7978684
rs139977220
rs4913455
rs1152934
rs75665133
rs1144952
rs1795471
rs1442273
rs7972199
rs10878822
rs187986843
rs111478871
rs4913464
rs4913297
rs11837579
rs7132448
rs191195011
rs10519476
rs77658245
rs35898457
rs61927804
rs1908666
rs10784773
rs75102499
rs1129786
rs1152935
rs17802036
rs117416459
rs11514028
rs112289080
rs76182282
rs2589283
All − MR Egger
All − Inverse variance weighted
−4
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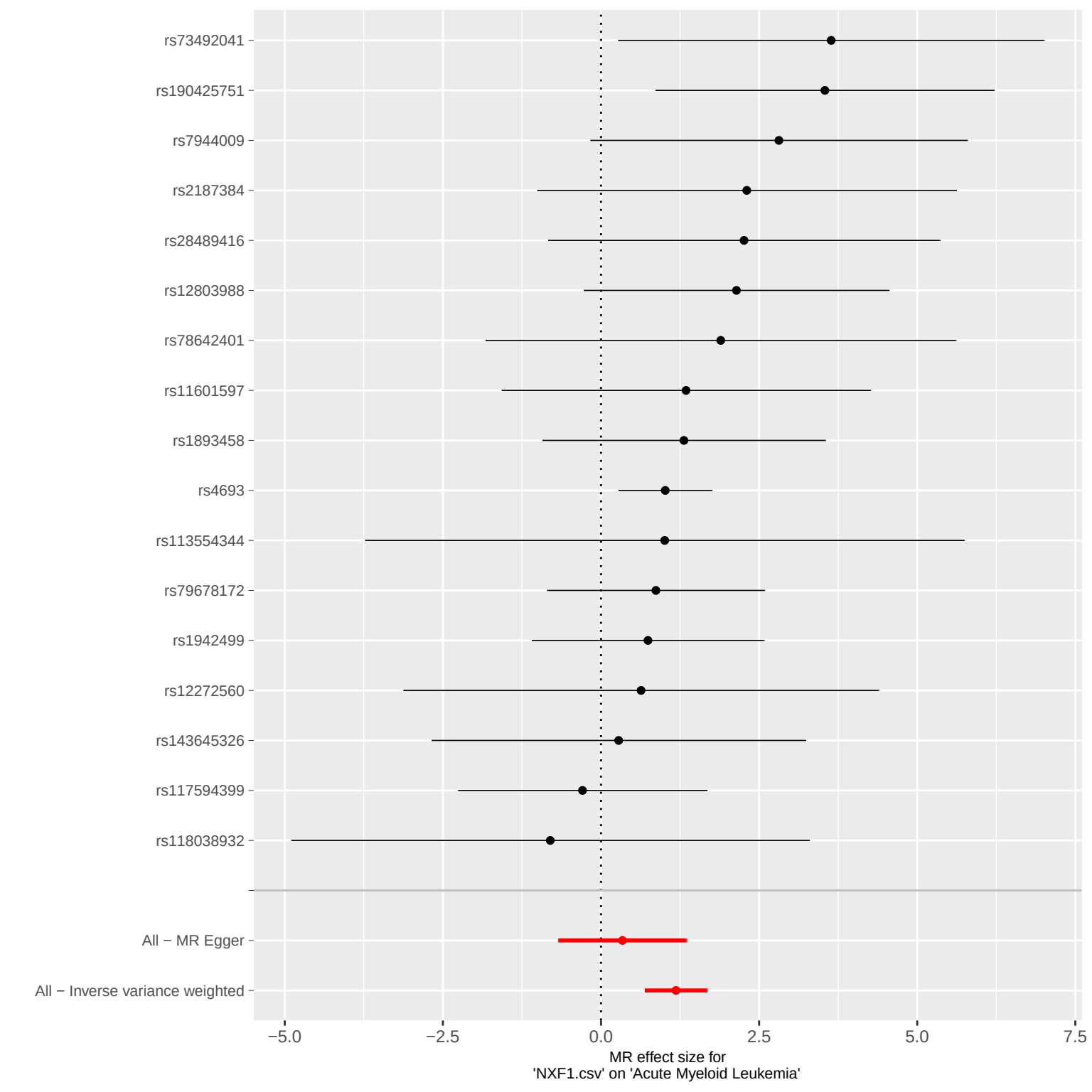
4
MR effect size for
'NUP107.csv' on 'Acute Myeloid Leukemia'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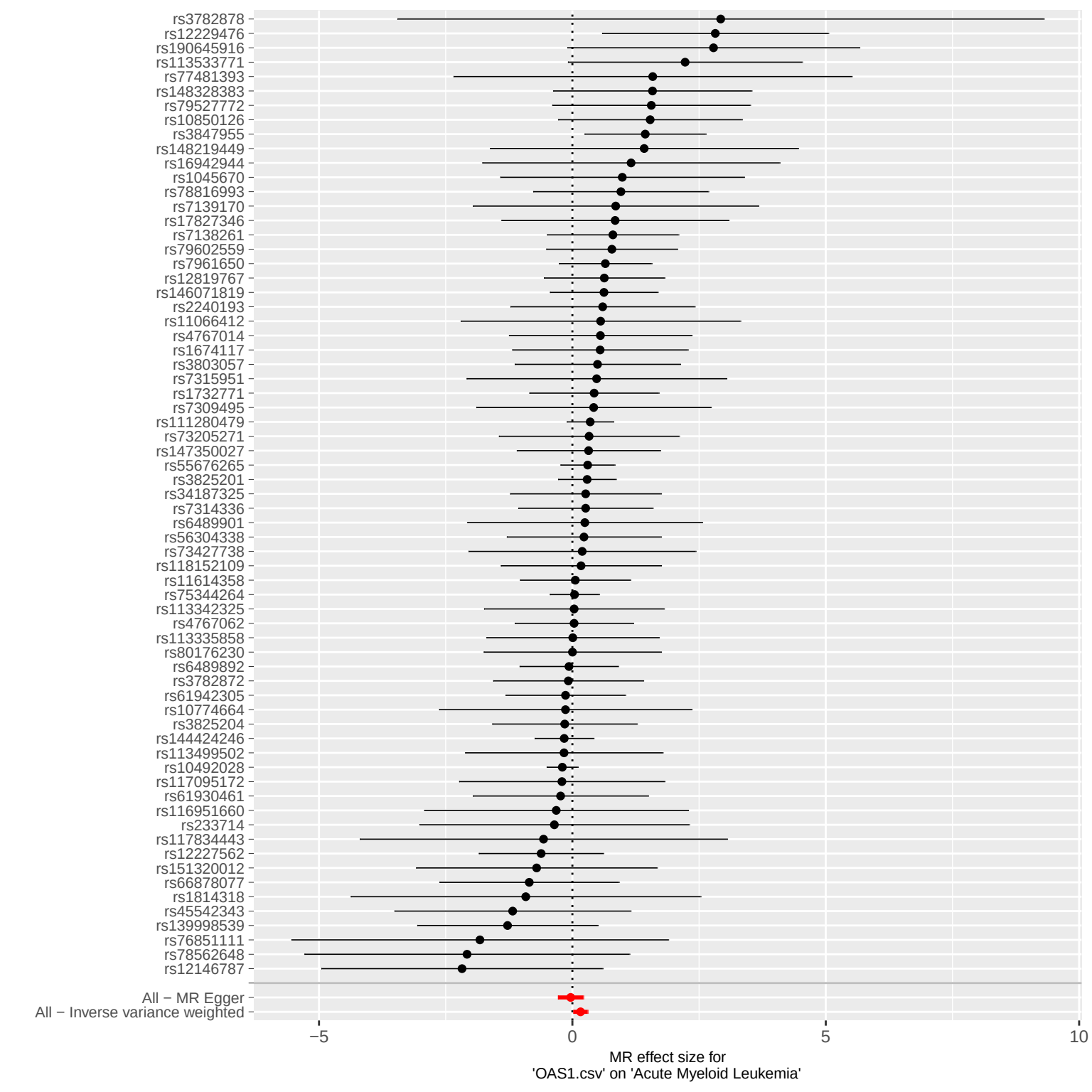
rs79678172
rs1942499
rs12272560
rs143645326
rs117594399
rs118038932
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'NXF1.csv' on 'Acute Myeloid Leukemia'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rs80176230
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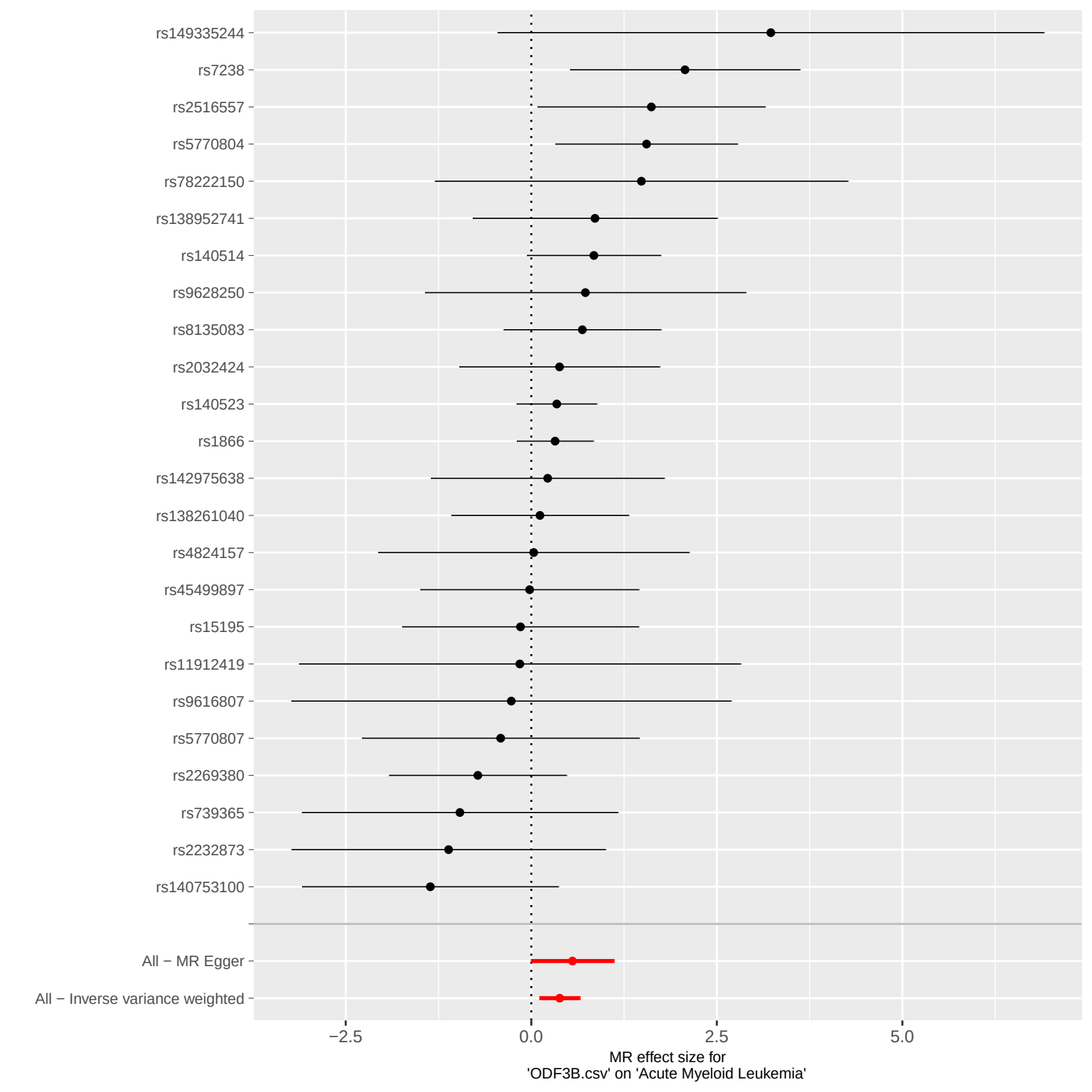
rs61942305
rs10774664
rs3825204
rs144424246
rs113499502
rs10492028
rs117095172
rs61930461
rs116951660
rs233714
rs117834443
rs12227562
rs151320012
rs66878077
rs1814318
rs45542343
rs139998539
rs76851111
rs78562648
rs12146787
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'OAS1.csv' on 'Acute Myeloid Leukemia'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rs7238
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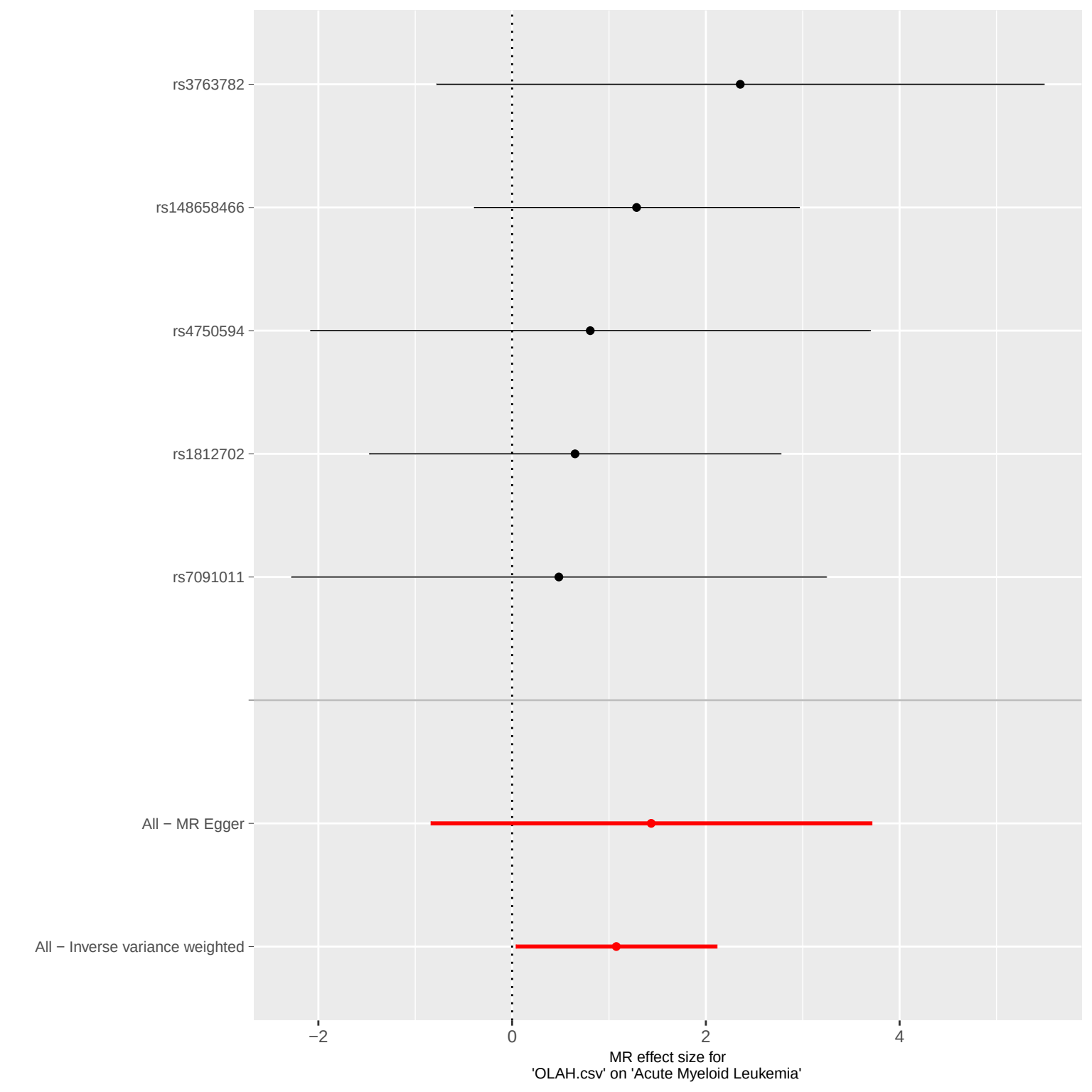
rs5770804
rs78222150
rs138952741
rs140514
rs9628250
rs8135083
rs2032424
rs140523
rs1866
rs142975638
rs138261040
rs4824157
rs45499897
rs15195
rs11912419
rs9616807
rs5770807
rs2269380
rs739365
rs2232873
rs140753100
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ODF3B.csv' on 'Acute Myeloid Leukemia'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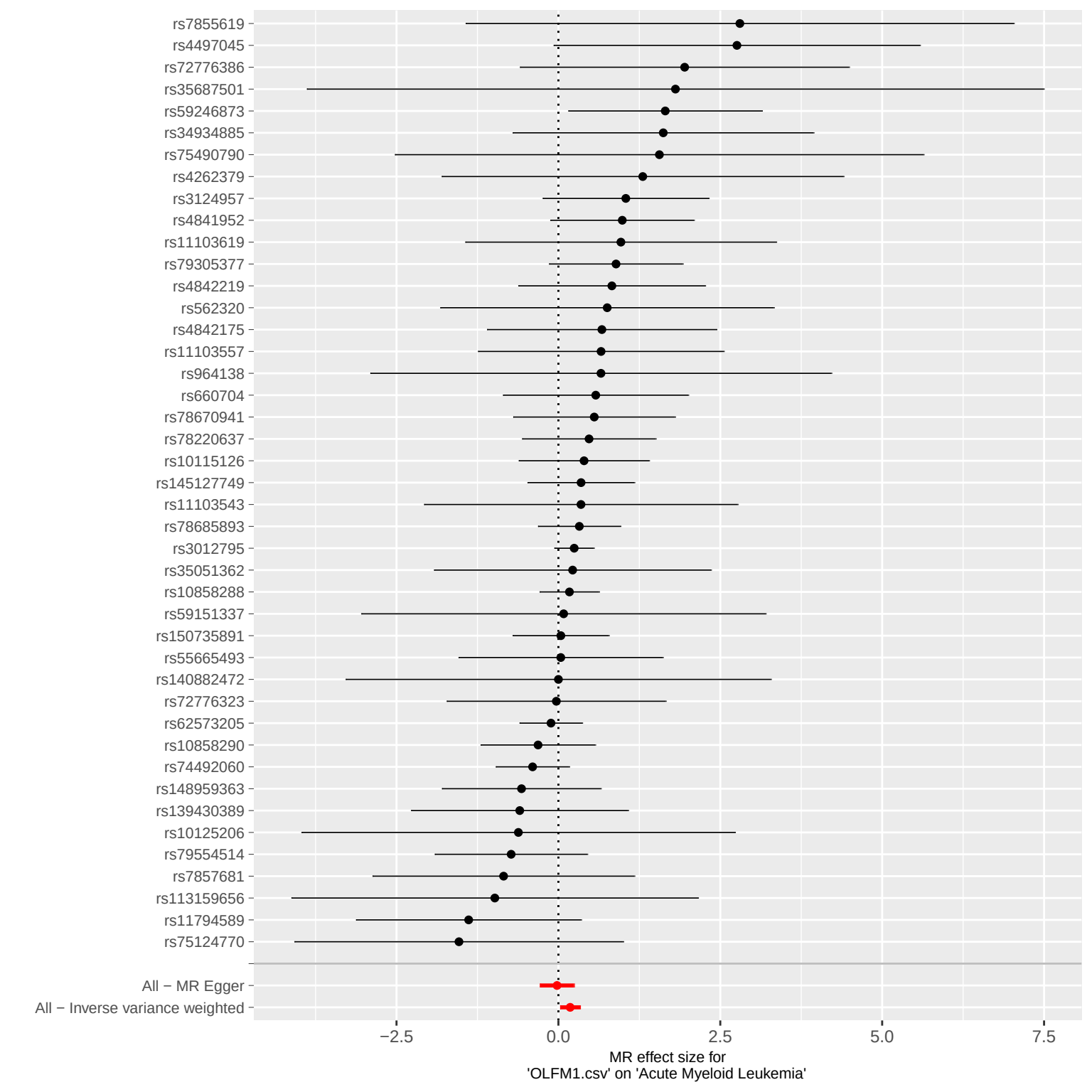
rs148658466
rs4750594
rs1812702
rs7091011
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'OLAH.csv' on 'Acute Myeloid Leukemia'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rs79305377
rs4842219
rs562320
rs4842175
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rs964138
rs660704
rs78670941
rs78220637
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rs11103543
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rs35051362
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rs55665493
rs140882472
rs72776323
rs62573205
rs10858290
rs74492060
rs148959363
rs139430389
rs10125206
rs79554514
rs7857681
rs113159656
rs11794589
rs75124770
All − MR Egger
All − Inverse variance weighted
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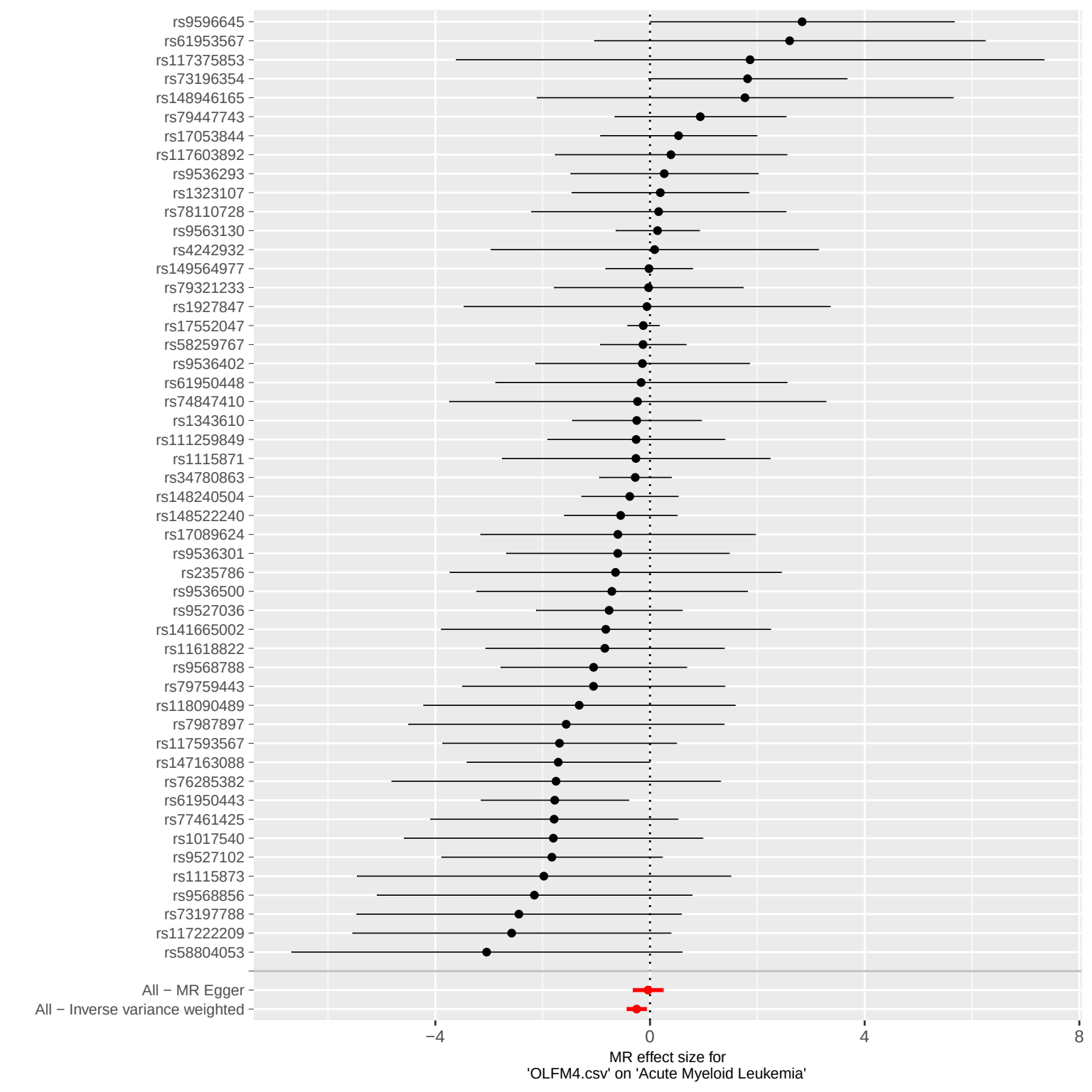
0.0
2.5
5.0
7.5
MR effect size for
'OLFM1.csv' on 'Acute Myeloid Leukemia'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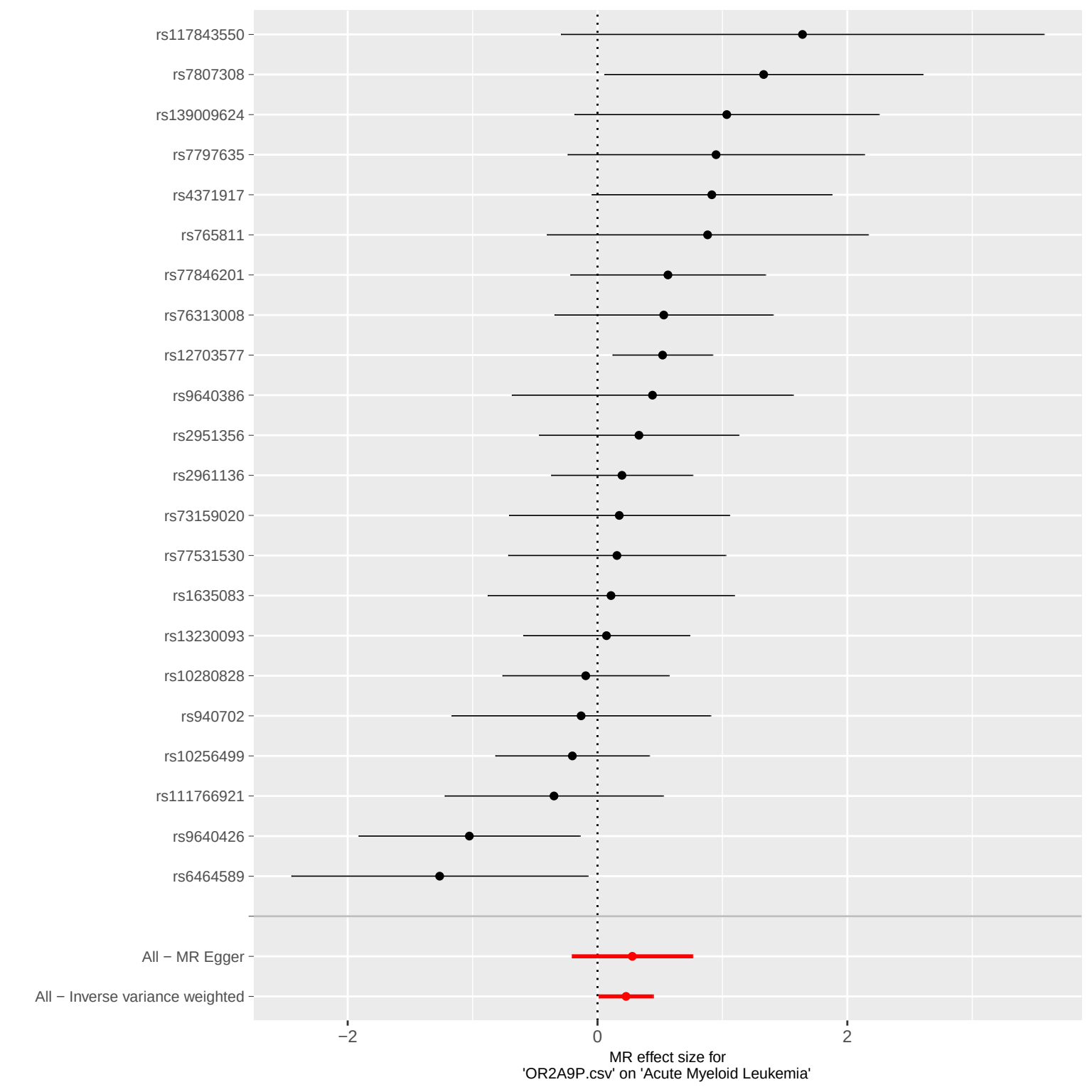
rs61950443
rs77461425
rs1017540
rs9527102
rs1115873
rs9568856
rs73197788
rs117222209
rs58804053
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'OLFM4.csv' on 'Acute Myeloid Leukemia'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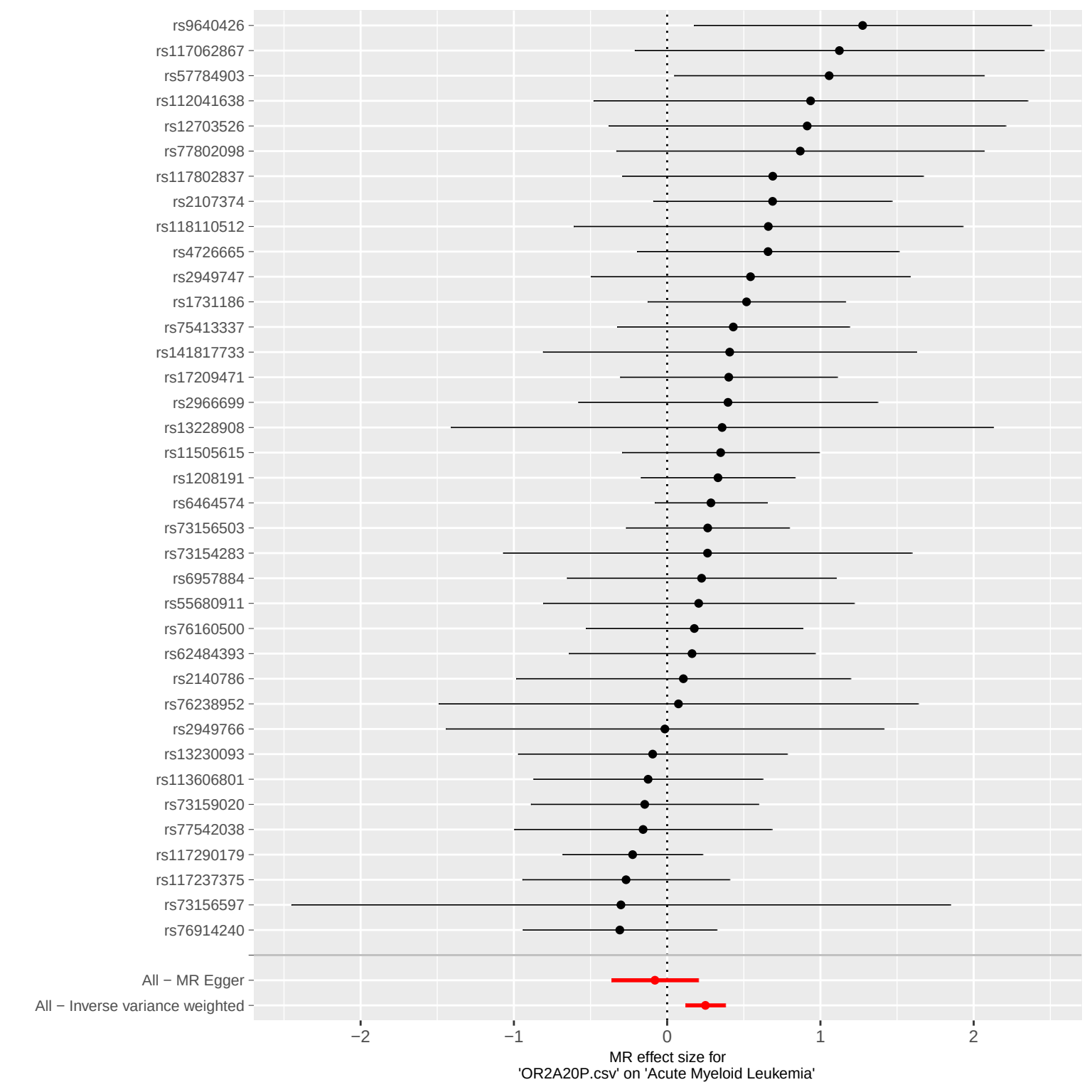
rs76313008
rs12703577
rs9640386
rs2951356
rs2961136
rs73159020
rs77531530
rs1635083
rs13230093
rs10280828
rs940702
rs10256499
rs111766921
rs9640426
rs6464589
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'OR2A9P.csv' on 'Acute Myeloid Leukemia'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rs75413337
rs141817733
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rs2966699
rs13228908
rs11505615
rs1208191
rs6464574
rs73156503
rs73154283
rs6957884
rs55680911
rs76160500
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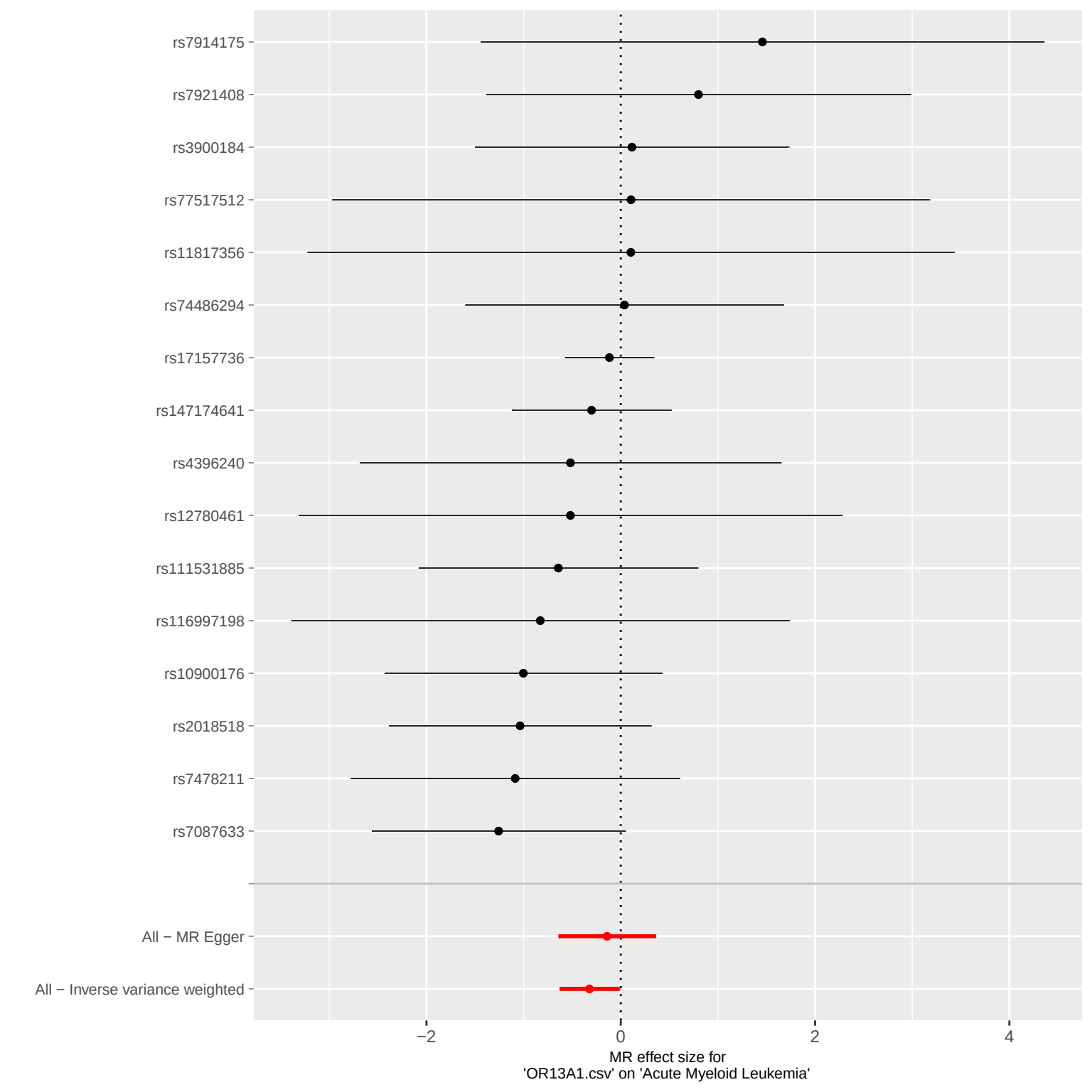
rs2949766
rs13230093
rs113606801
rs73159020
rs77542038
rs117290179
rs117237375
rs73156597
rs76914240
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'OR2A20P.csv' on 'Acute Myeloid Leukemia'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rs7921408
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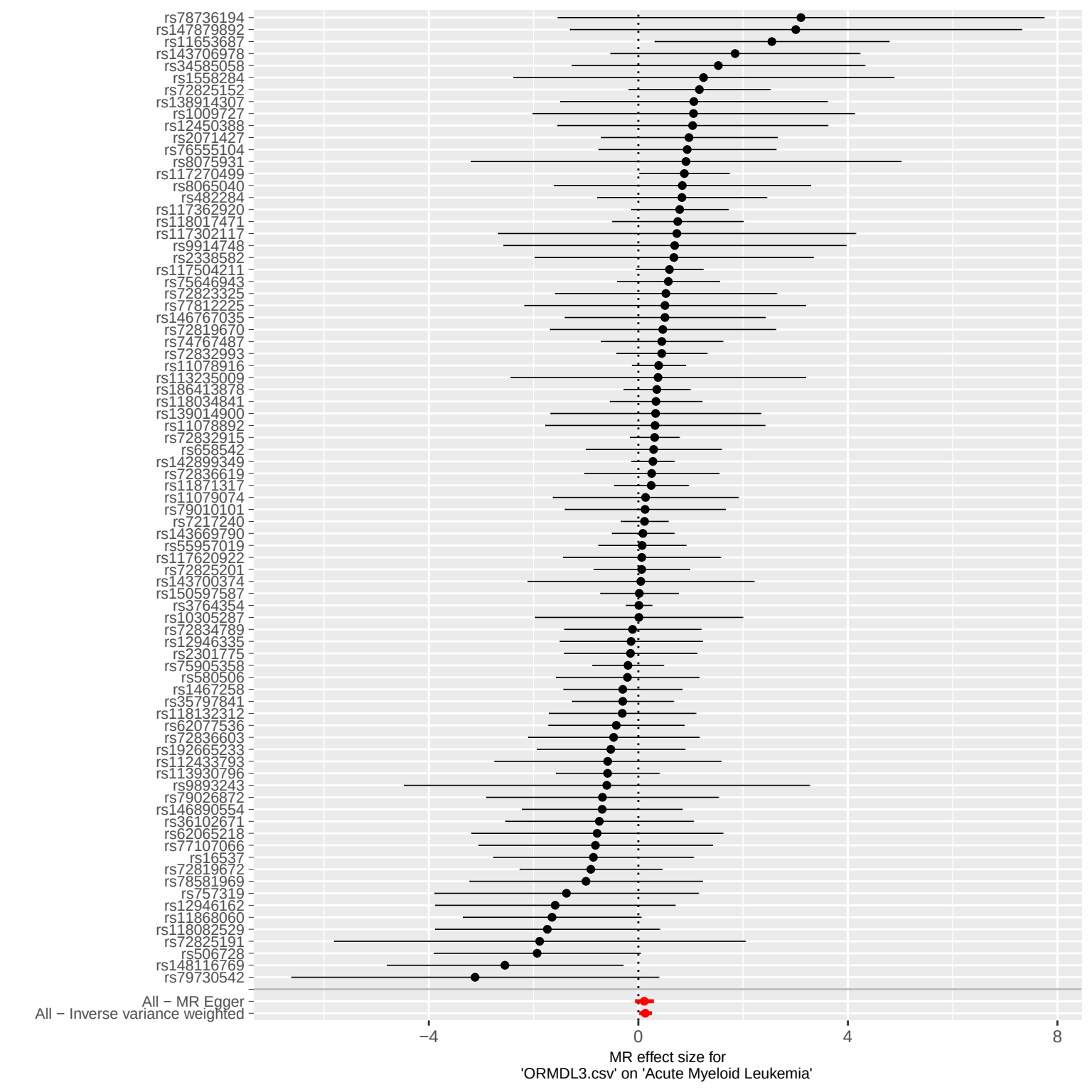
rs17157736
rs147174641
rs4396240
rs12780461
rs111531885
rs116997198
rs10900176
rs2018518
rs7478211
rs7087633
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'OR13A1.csv' on 'Acute Myeloid Leukemia'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rs76555104
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rs12946162
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rs118082529
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rs506728
rs148116769
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All − MR Egger
All − Inverse variance weighted
−4
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8
MR effect size for
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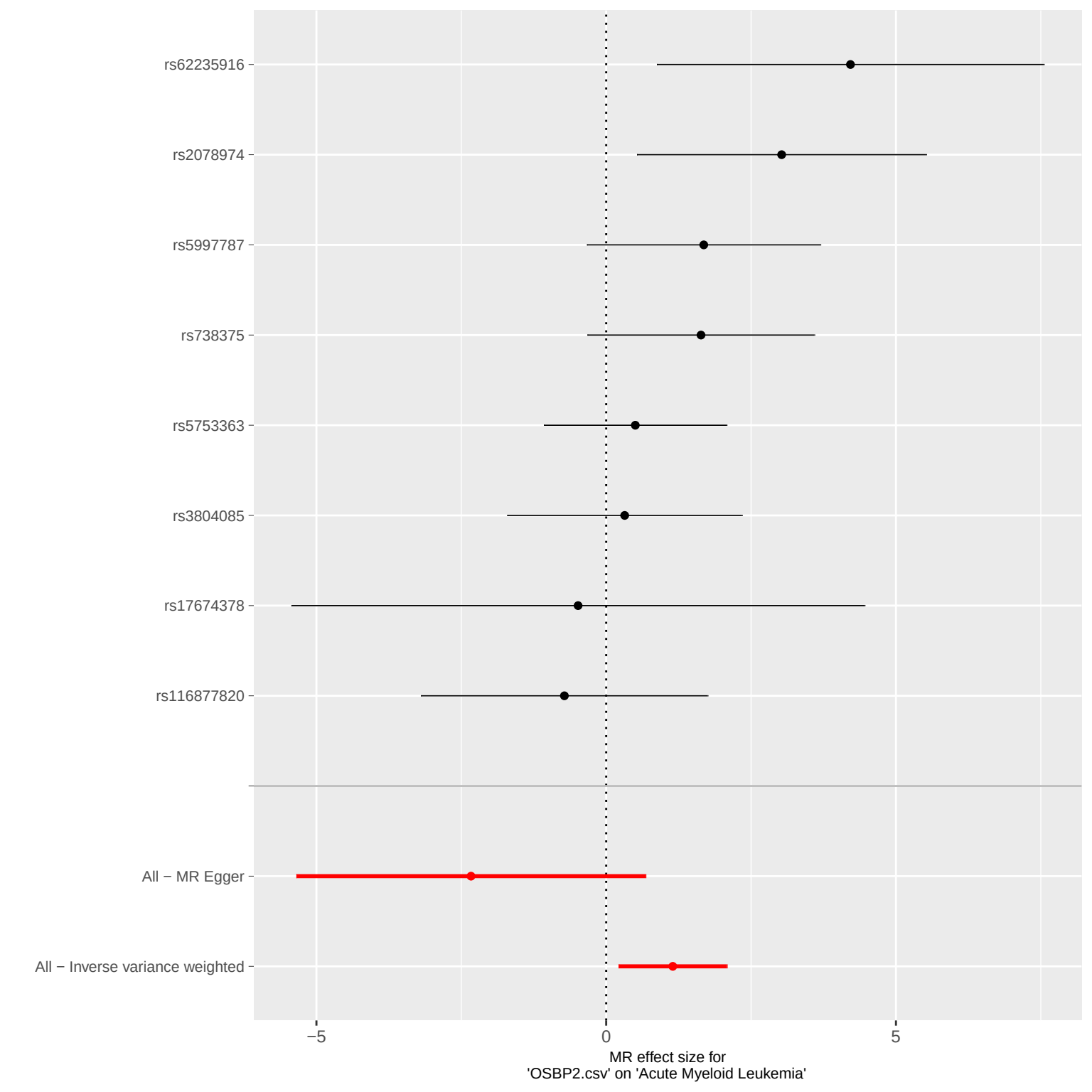
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rs5753363
rs3804085
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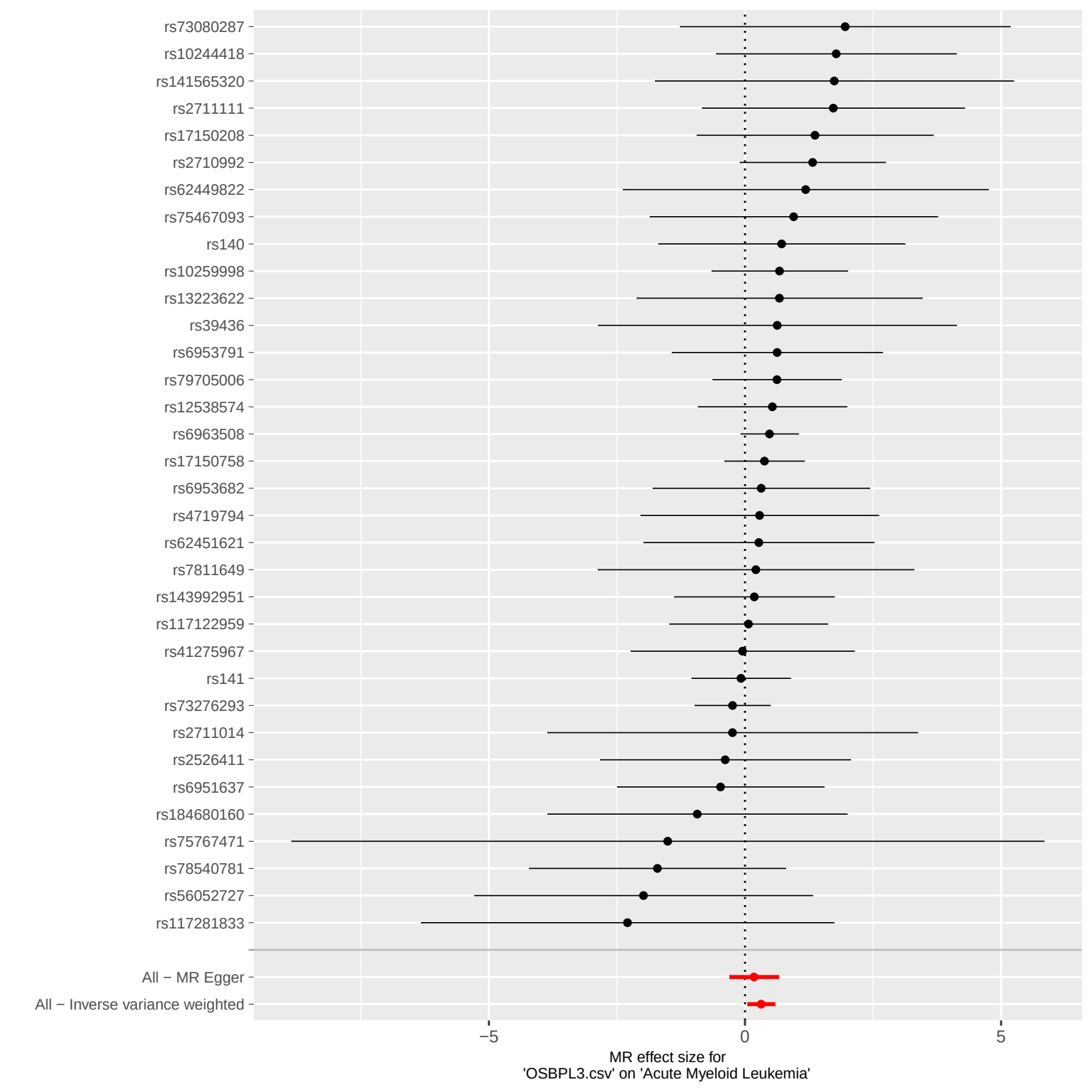
All − Inverse variance weighted
−5
0
5
MR effect size for
'OSBP2.csv' on 'Acute Myeloid Leukemia'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rs6953791
rs79705006
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rs6963508
rs17150758
rs6953682
rs4719794
rs62451621
rs7811649
rs143992951
rs117122959
rs41275967
rs141
rs73276293
rs2711014
rs2526411
rs6951637
rs184680160
rs75767471
rs78540781
rs56052727
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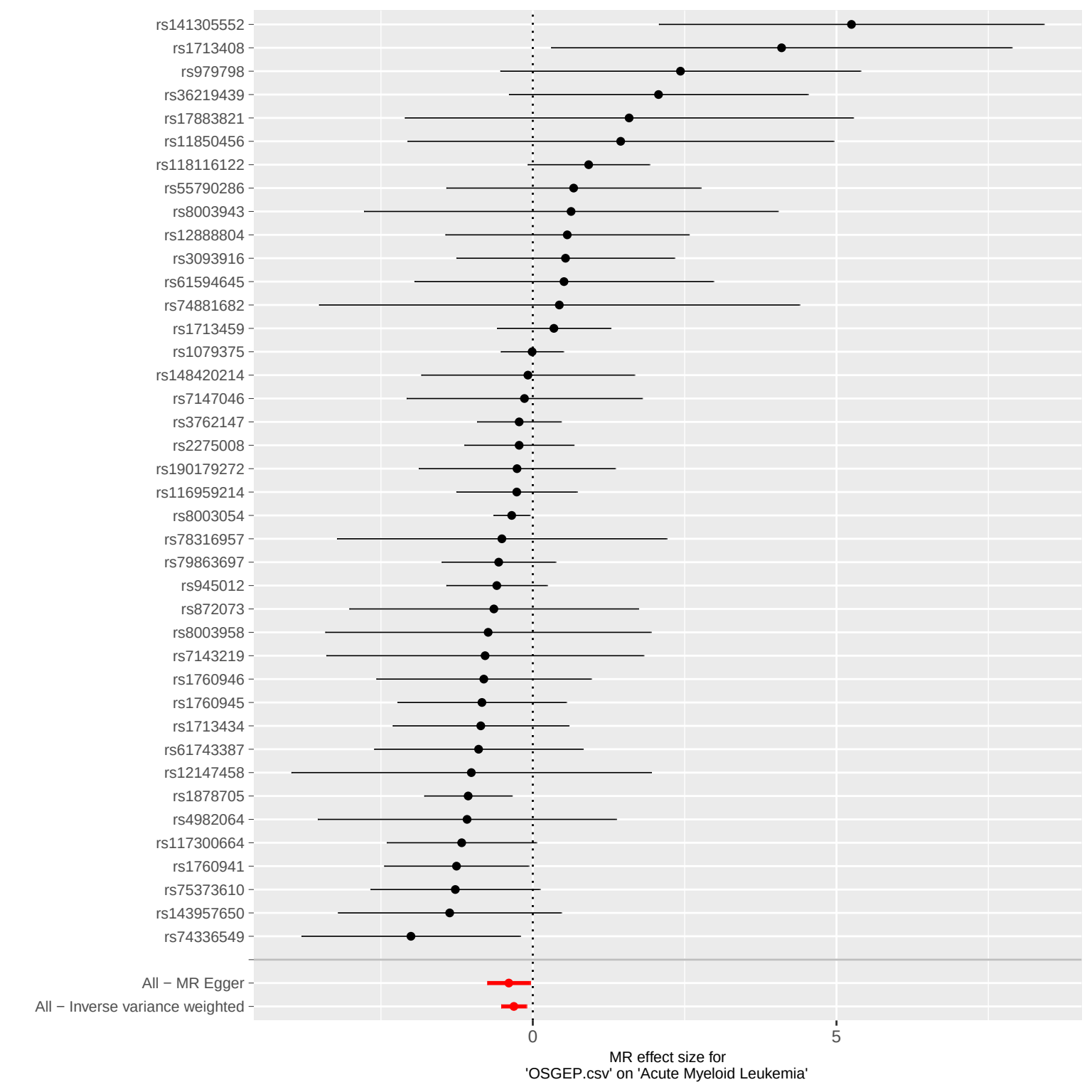
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'OSBPL3.csv' on 'Acute Myeloid Leukemia'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rs3762147
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rs78316957
rs79863697
rs945012
rs872073
rs8003958
rs7143219
rs1760946
rs1760945
rs1713434
rs61743387
rs12147458
rs1878705
rs4982064
rs117300664
rs1760941
rs75373610
rs143957650
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All − MR Egger
All − Inverse variance weighted
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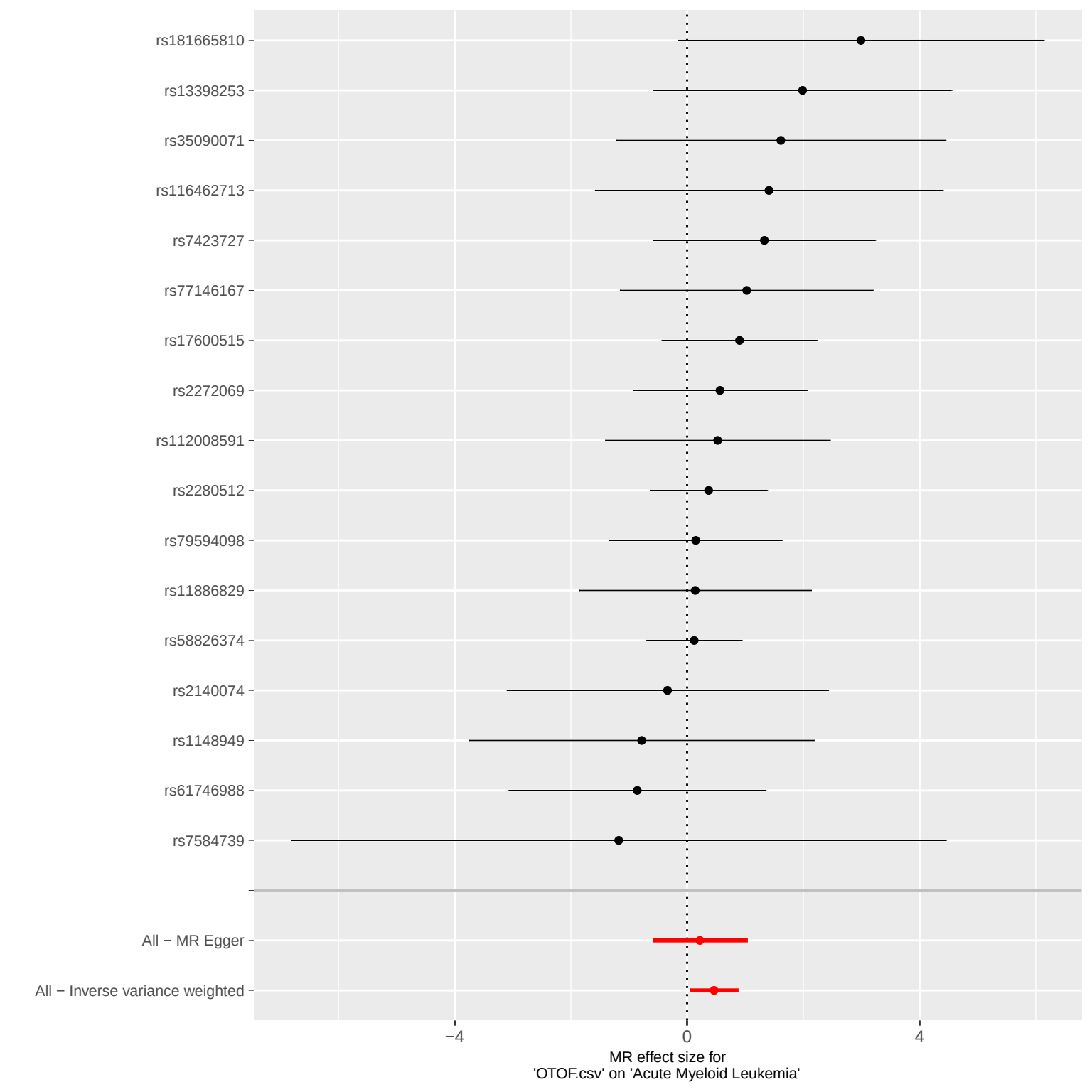
5
MR effect size for
'OSGEP.csv' on 'Acute Myeloid Leukemia'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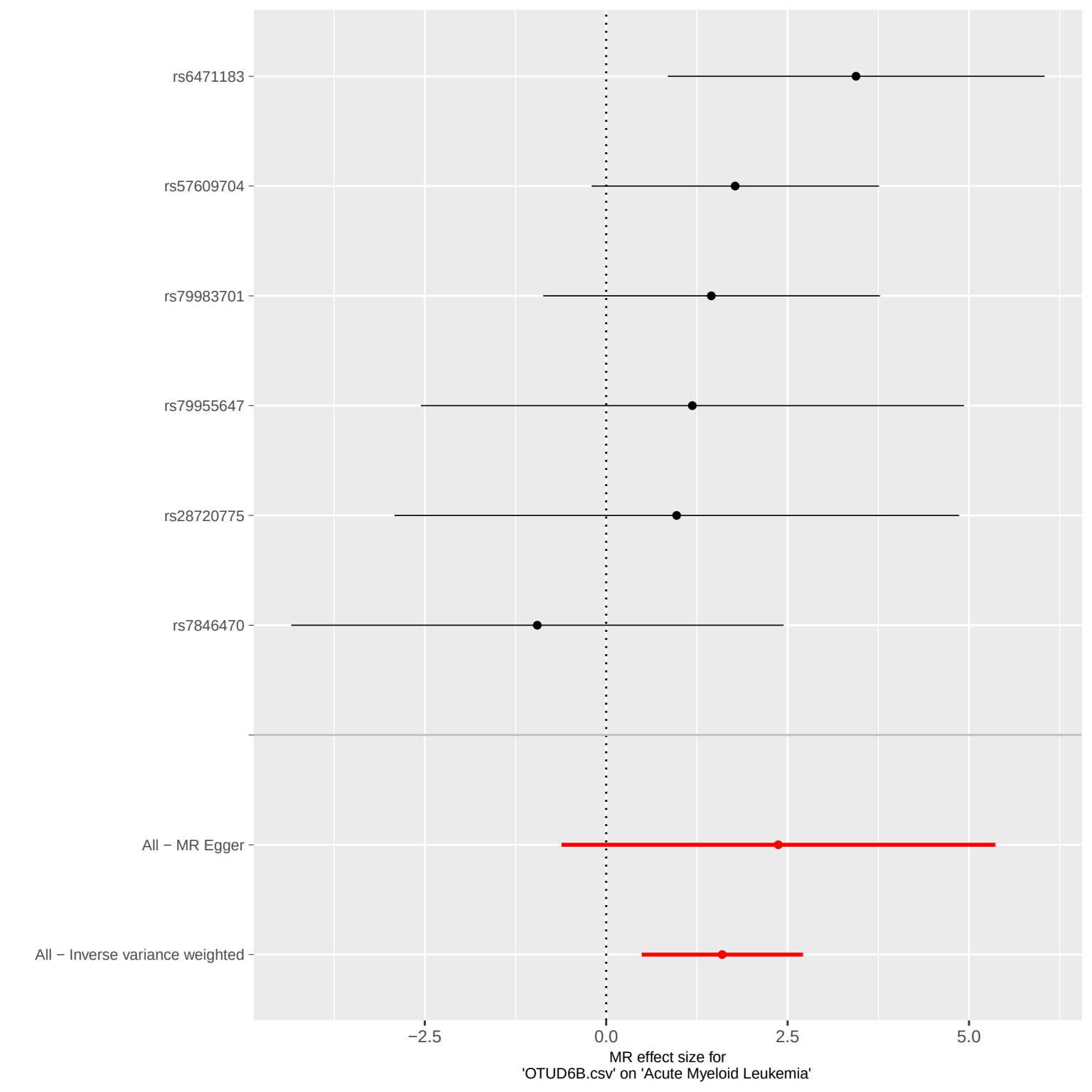
rs11886829
rs58826374
rs2140074
rs1148949
rs61746988
rs7584739
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'OTOF.csv' on 'Acute Myeloid Leukemia'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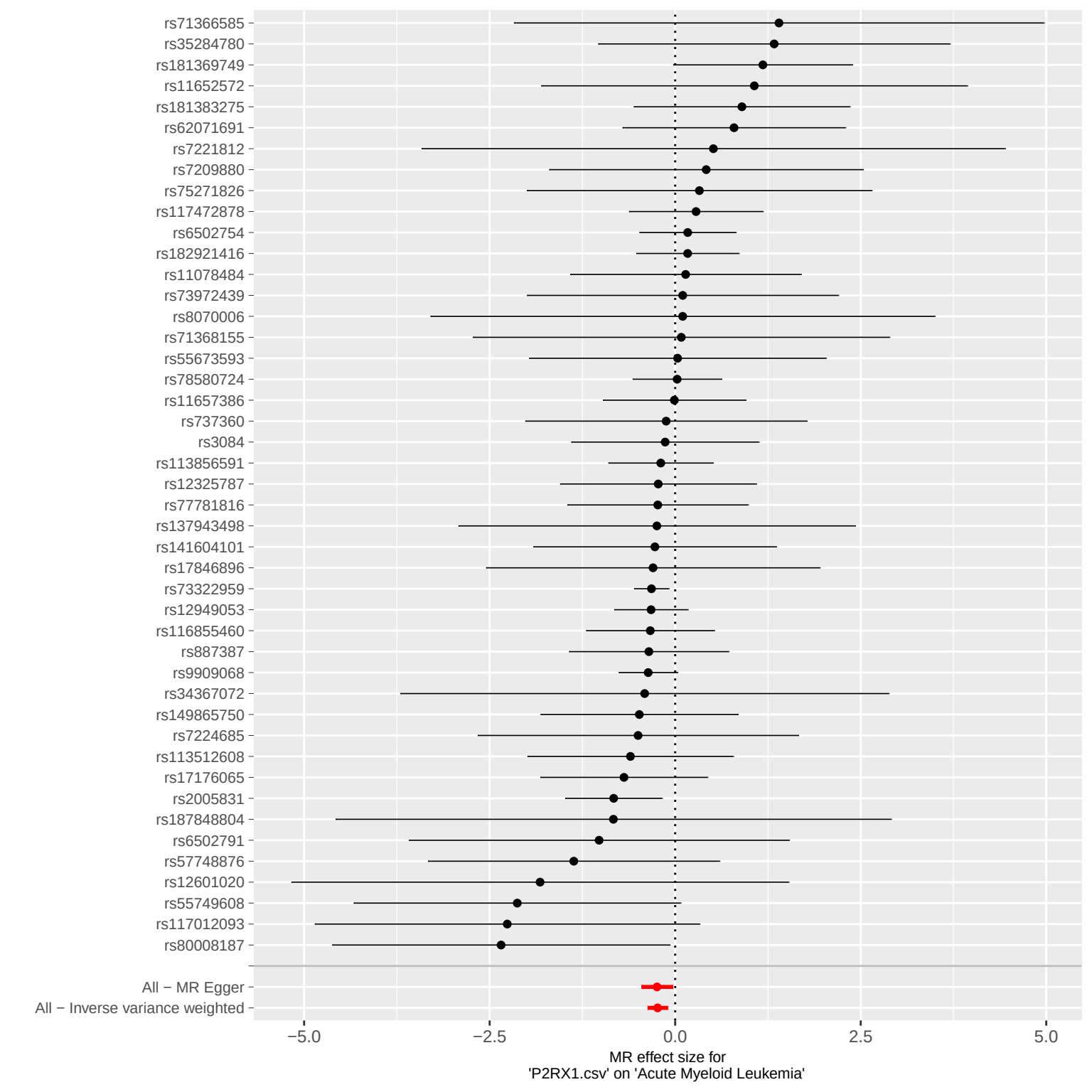
rs28720775
rs7846470
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'OTUD6B.csv' on 'Acute Myeloid Leukemia'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rs7224685
rs113512608
rs17176065
rs2005831
rs187848804
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rs12601020
rs55749608
rs117012093
rs80008187
All − MR Egger
All − Inverse variance weighted
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−2.5
0.0
2.5
5.0
MR effect size for
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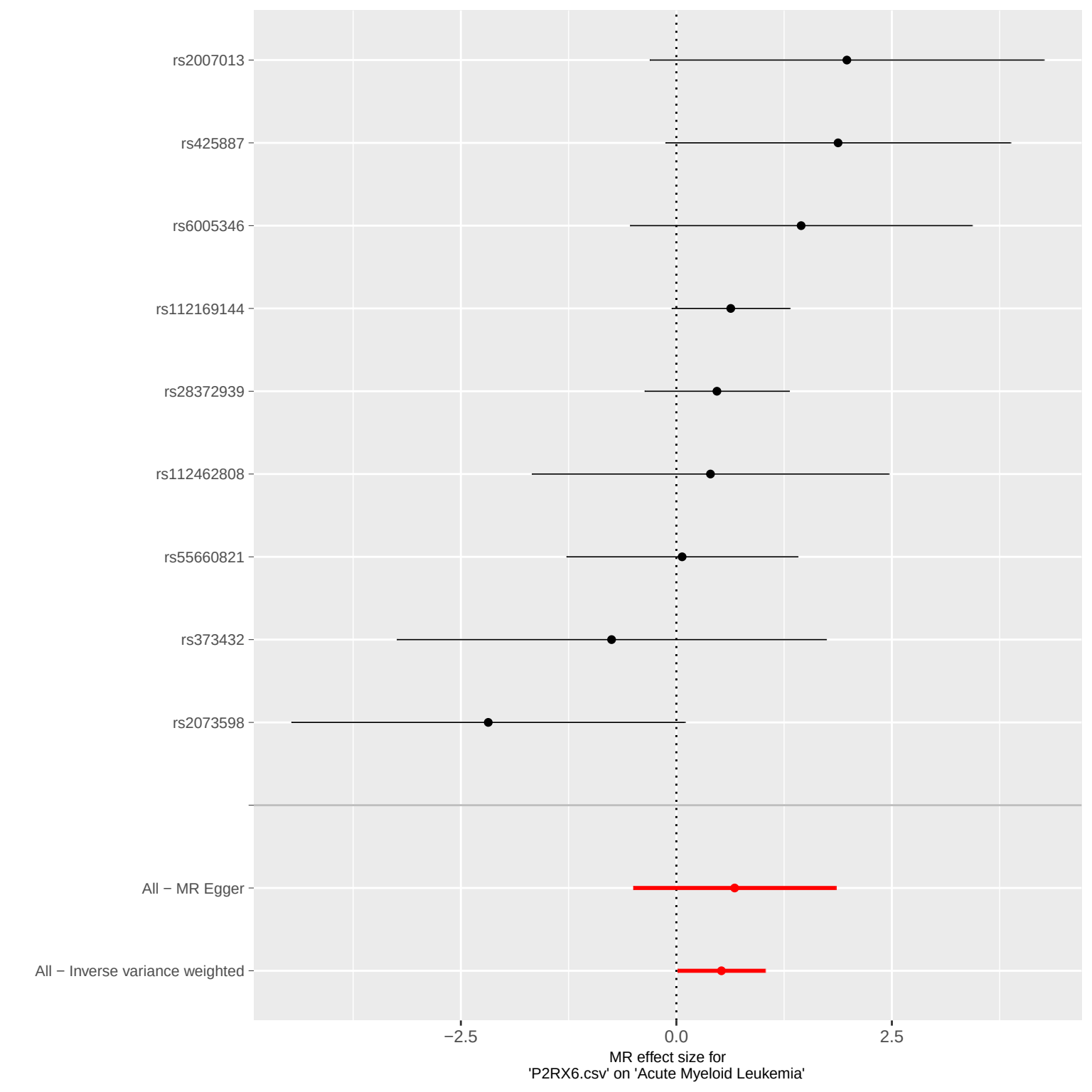
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rs425887
rs6005346
rs112169144
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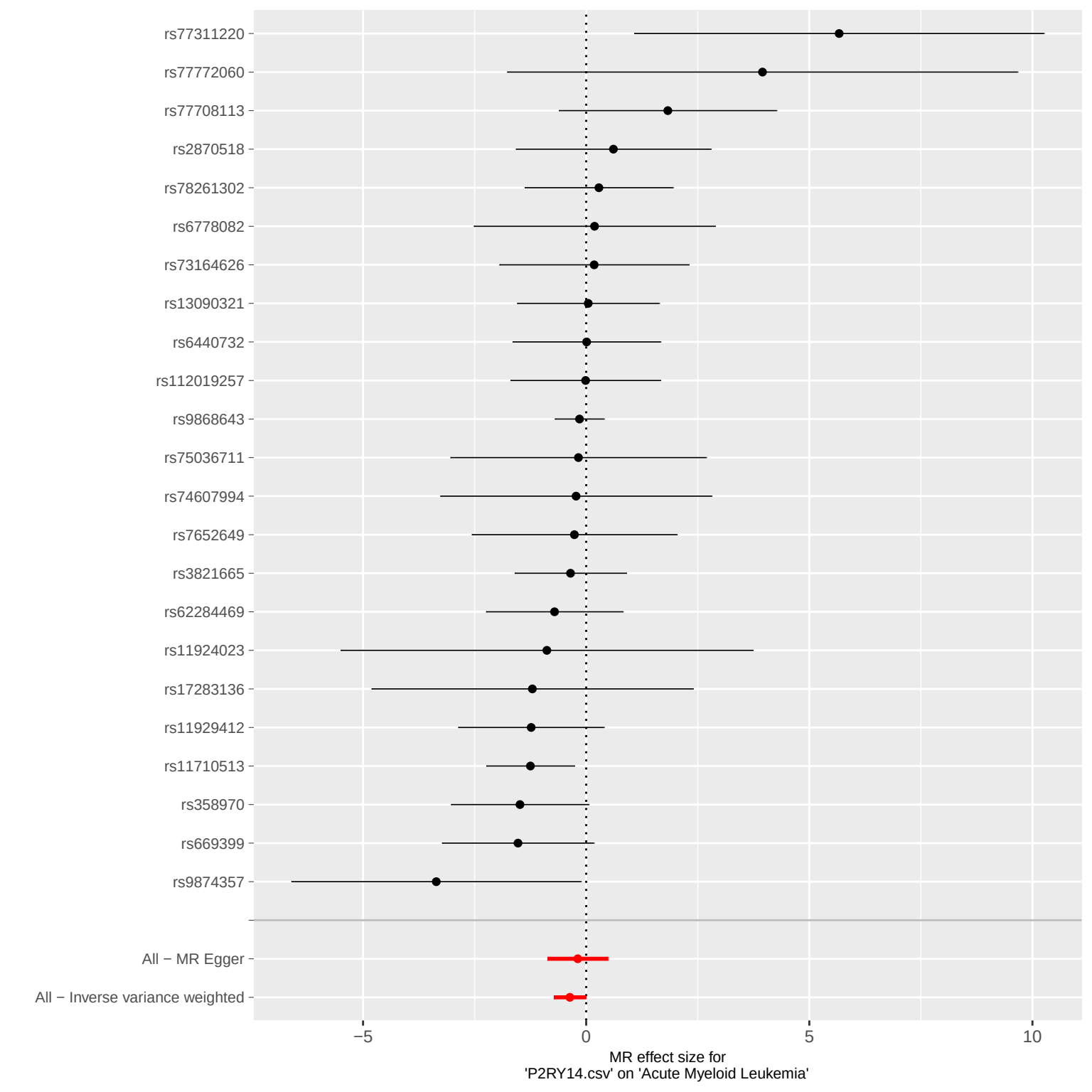
rs112462808
rs55660821
rs373432
rs2073598
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'P2RX6.csv' on 'Acute Myeloid Leukemia'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rs74607994
rs7652649
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rs11924023
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rs11929412
rs11710513
rs358970
rs669399
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All − MR Egger
All − Inverse variance weighted
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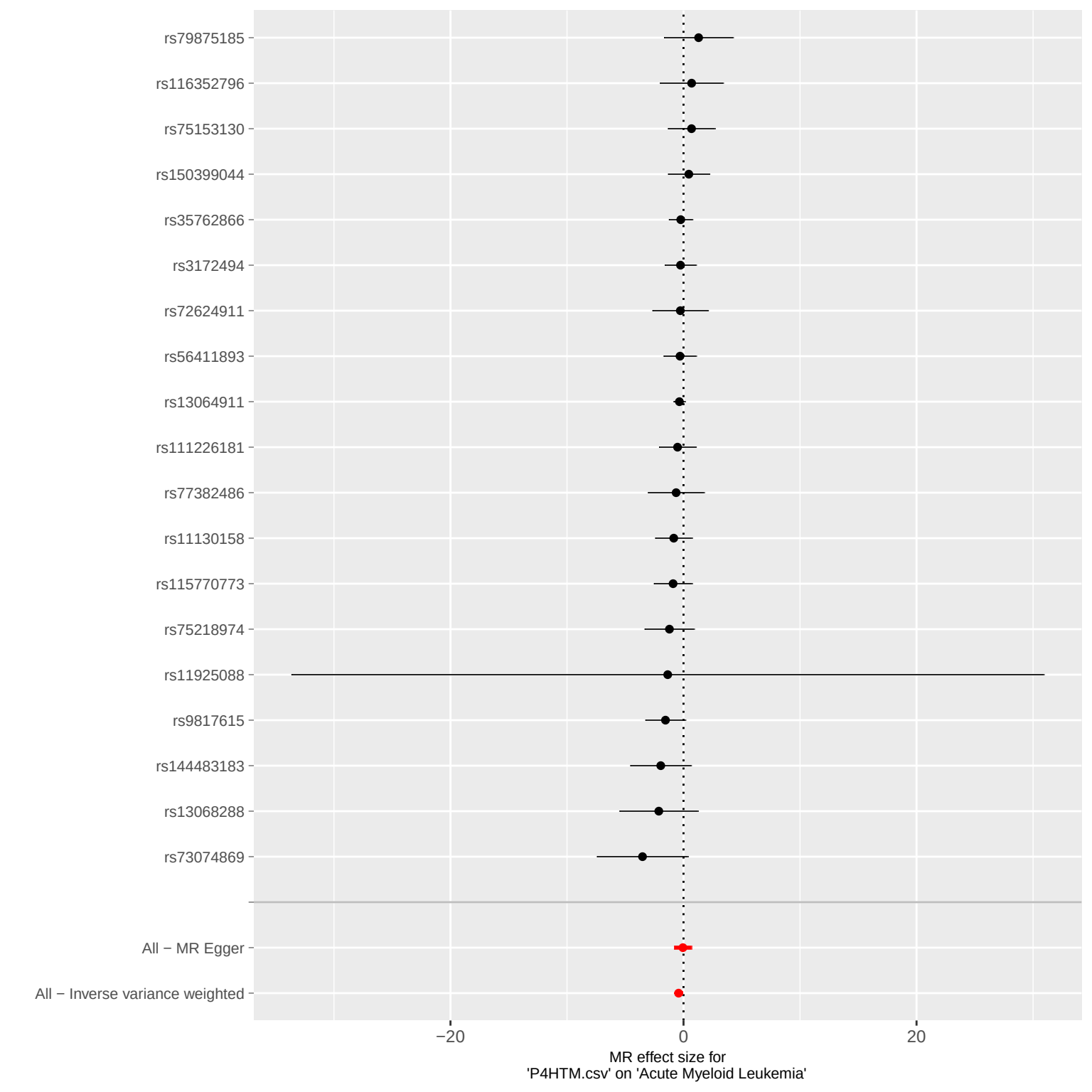
0
5
10
MR effect size for
'P2RY14.csv' on 'Acute Myeloid Leukemia'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rs75218974
rs11925088
rs9817615
rs144483183
rs13068288
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All − MR Egger
All − Inverse variance weighted
−20
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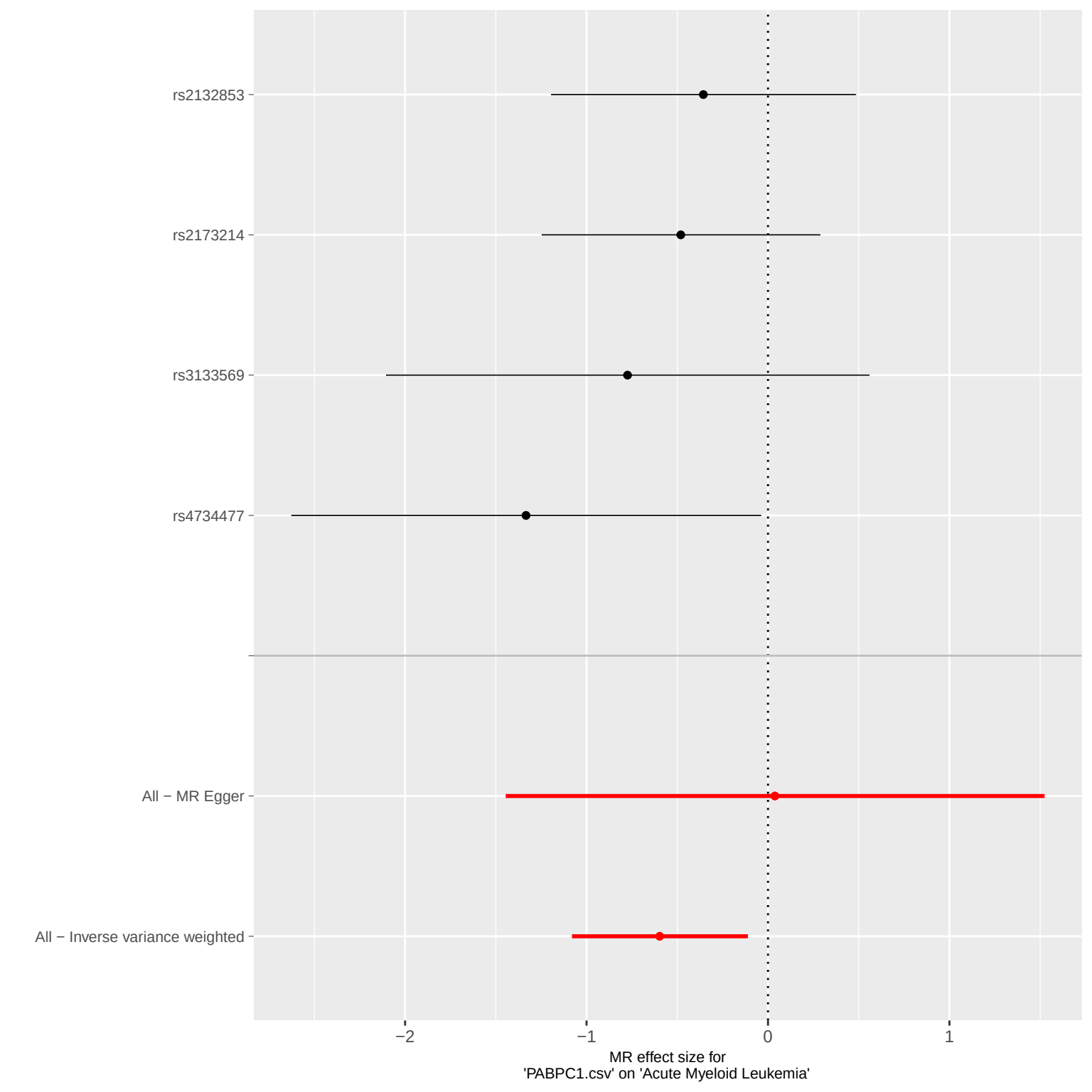
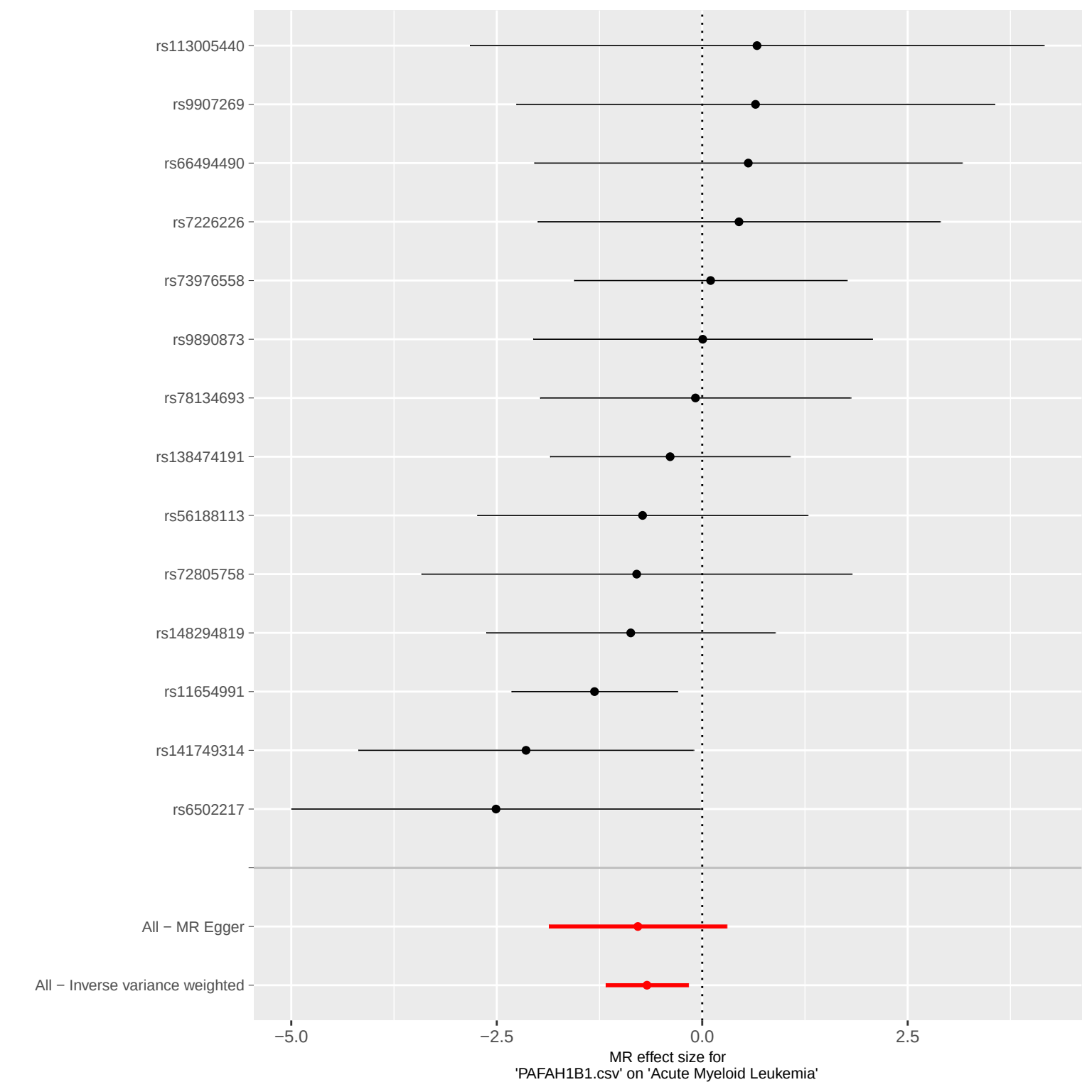
20
MR effect size for
'P4HTM.csv' on 'Acute Myeloid Leukemia'


rs2132853
rs2173214
rs3133569
rs4734477
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'PABPC1.csv' on 'Acute Myeloid Leukemia'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rs11654991
rs141749314
rs6502217
All − MR Egger
All − Inverse variance weighted
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−2.5
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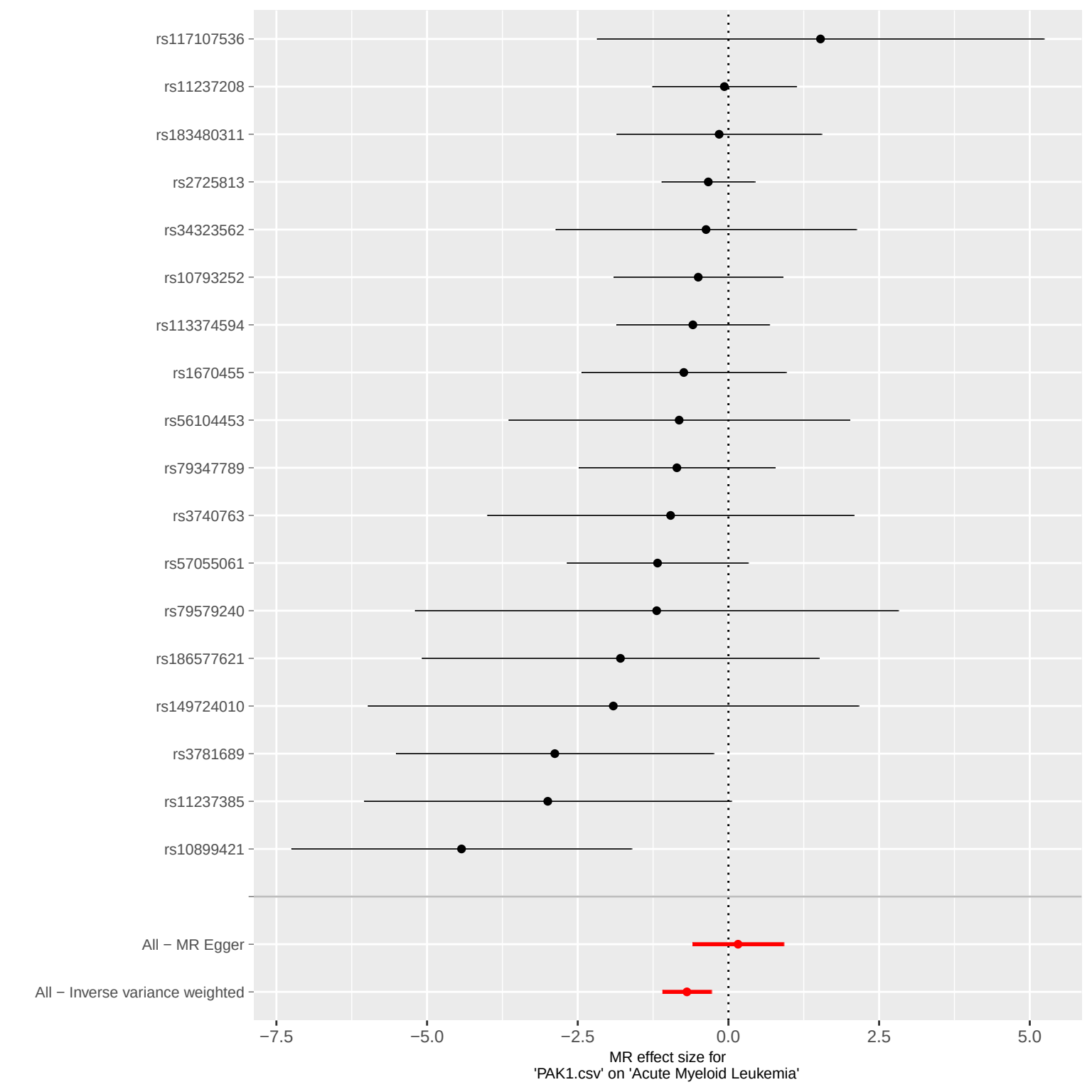
2.5
MR effect size for
'PAFAH1B1.csv' on 'Acute Myeloid Leukemia'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rs3740763
rs57055061
rs79579240
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rs10899421
All − MR Egger
All − Inverse variance weighted
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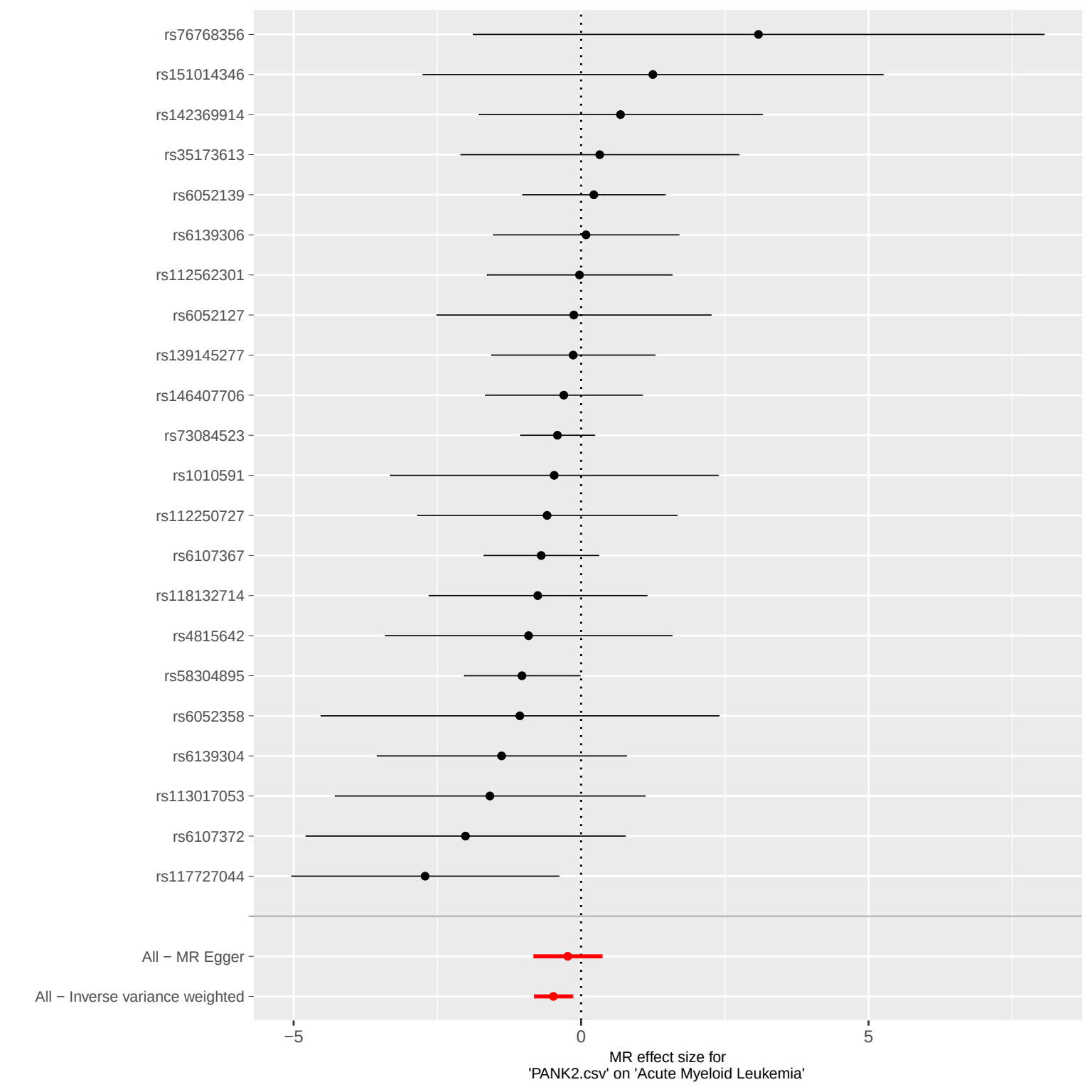
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PAK1.csv' on 'Acute Myeloid Leukemia'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rs1010591
rs112250727
rs6107367
rs118132714
rs4815642
rs58304895
rs6052358
rs6139304
rs113017053
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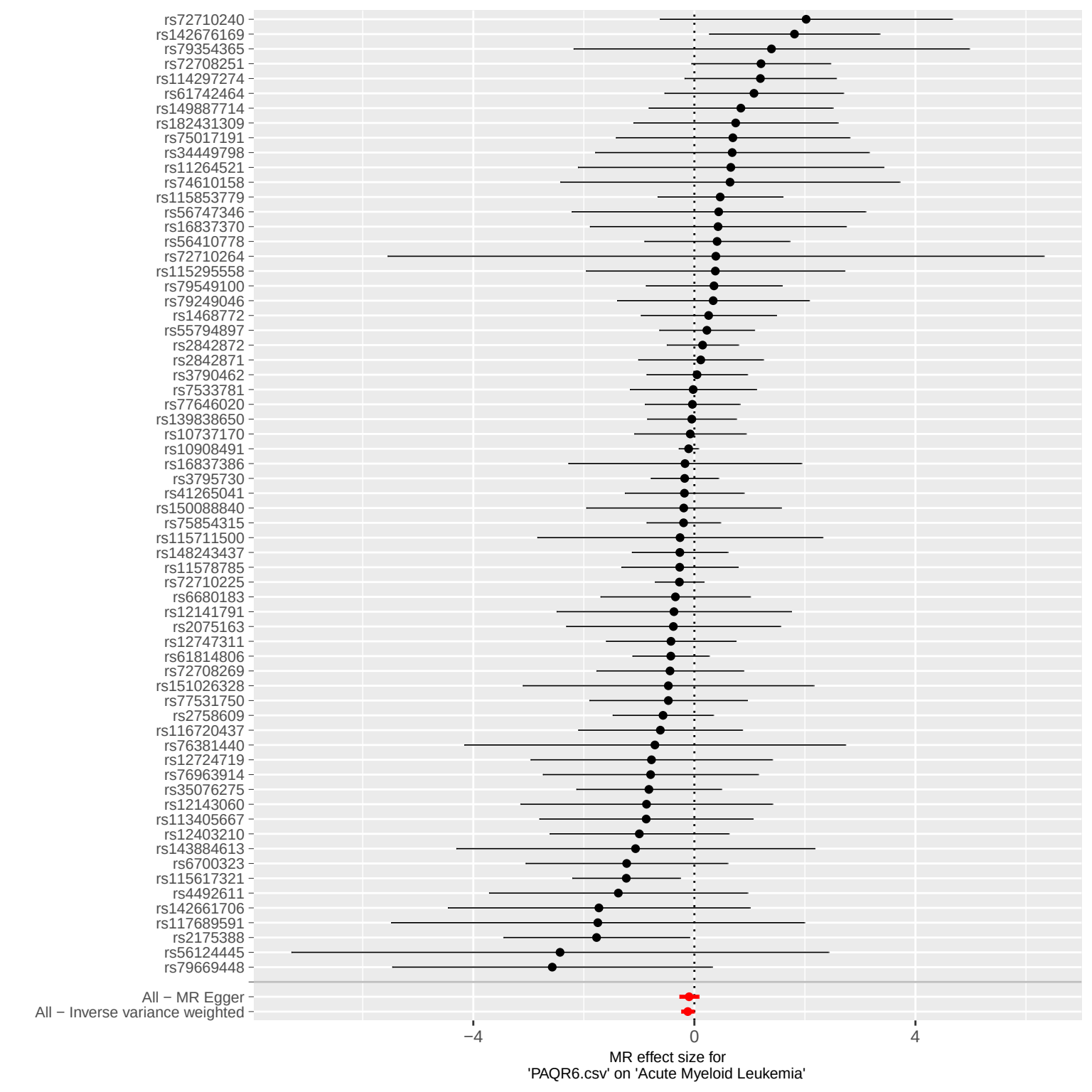
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PANK2.csv' on 'Acute Myeloid Leukemia'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rs11264521
rs74610158
rs115853779
rs56747346
rs16837370
rs56410778
rs72710264
rs115295558
rs79549100
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rs1468772
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rs10737170
rs10908491
rs16837386
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rs142661706
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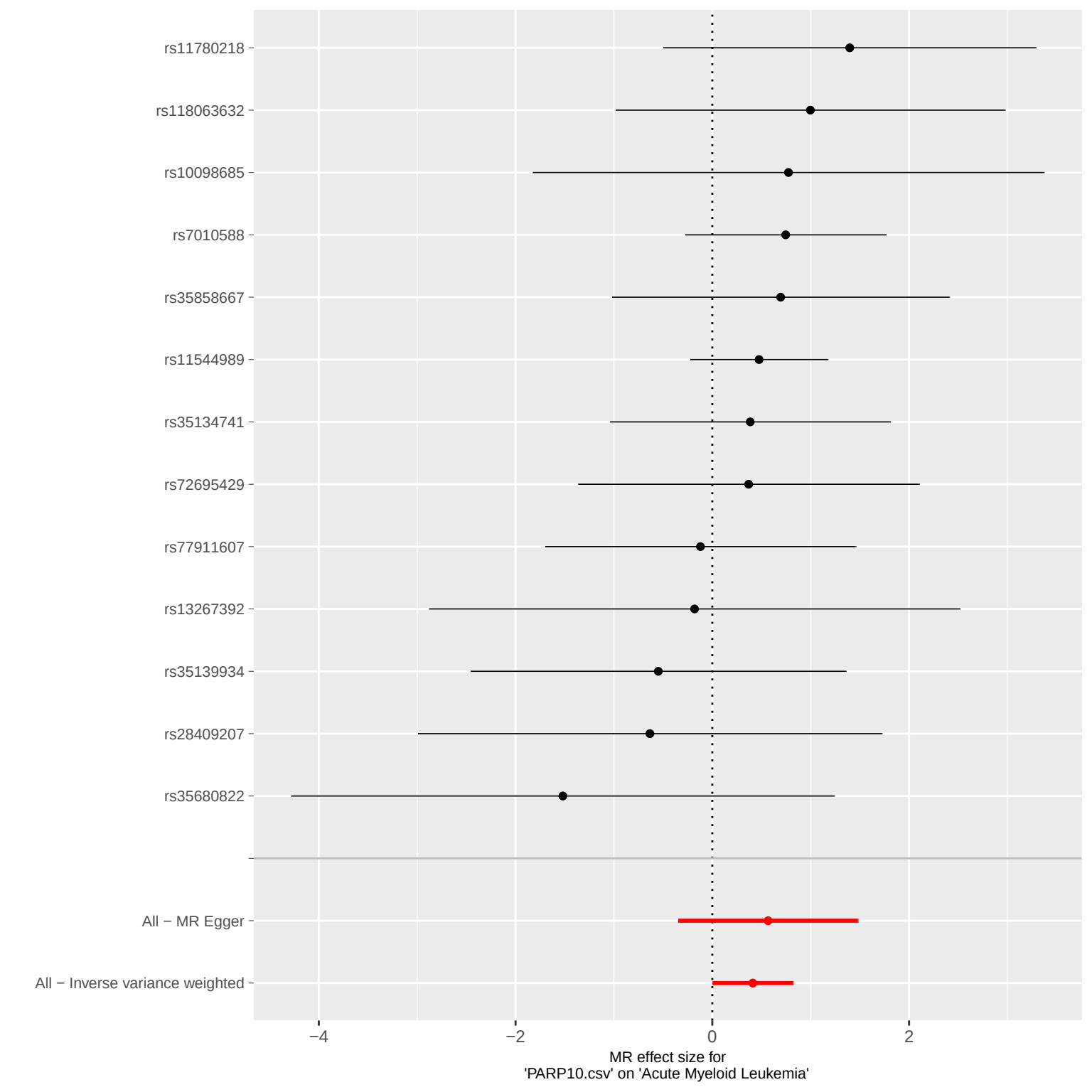
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PAQR6.csv' on 'Acute Myeloid Leukemia'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rs28409207
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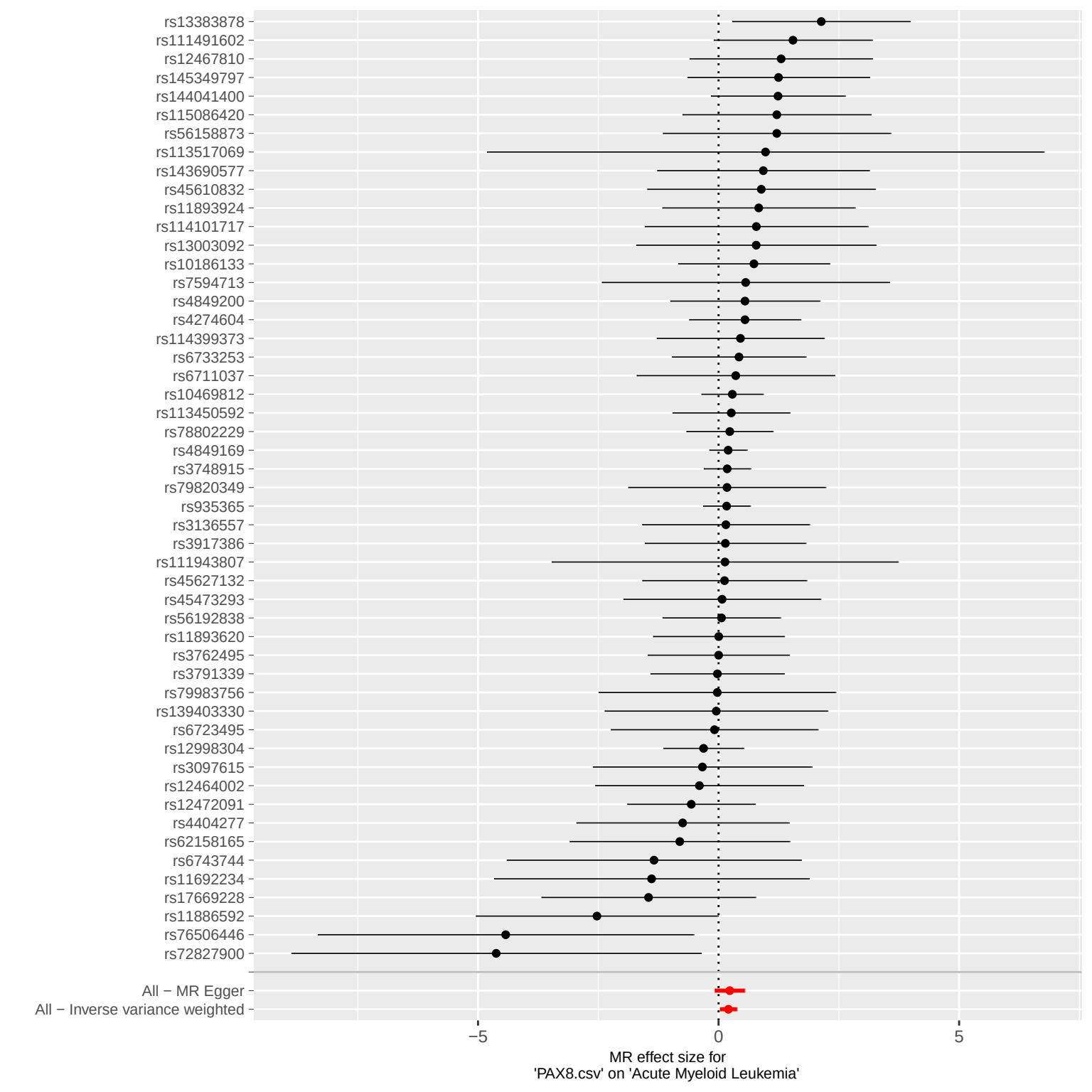
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PARP10.csv' on 'Acute Myeloid Leukemia'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rs76506446
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All − MR Egger
All − Inverse variance weighted
−5
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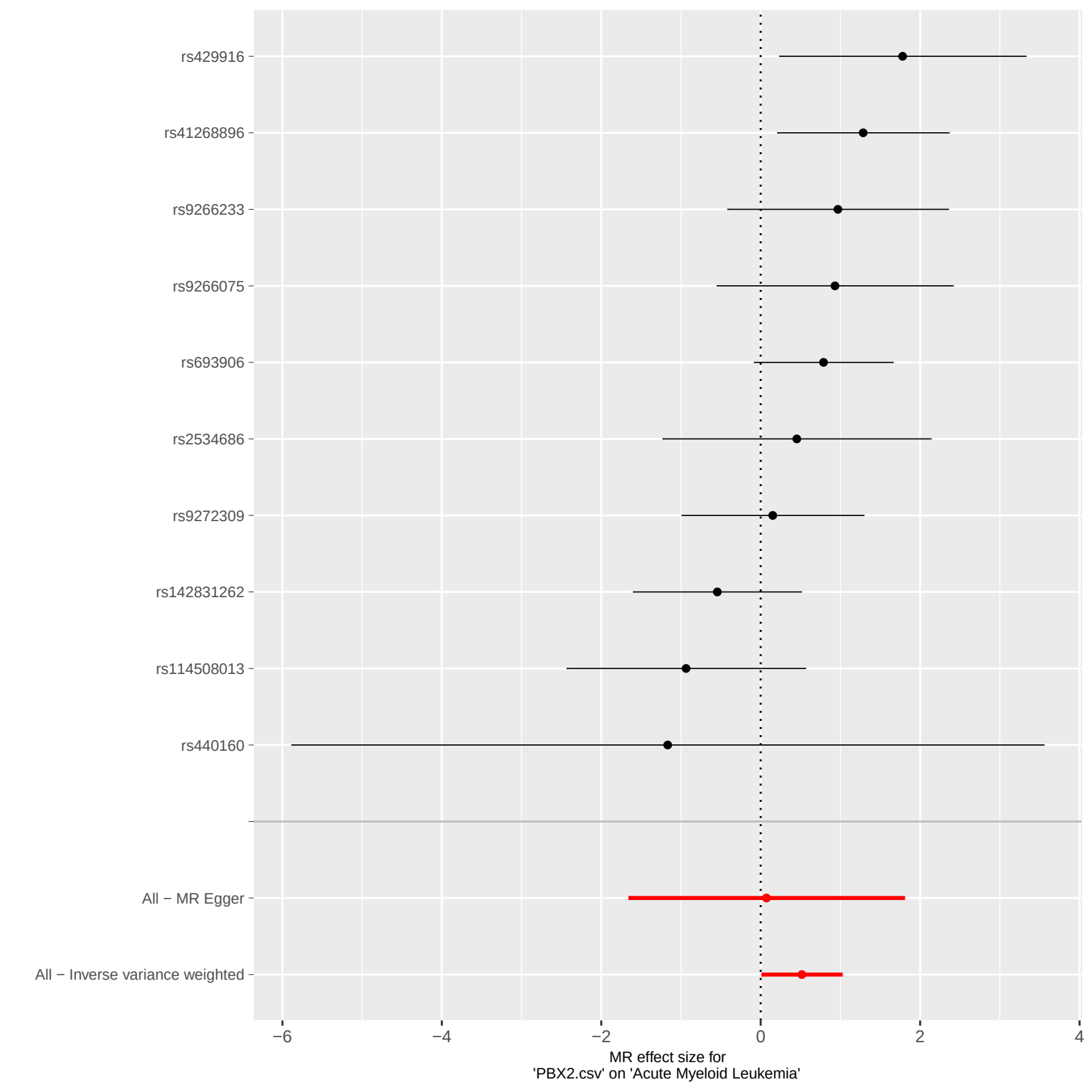
5
MR effect size for
'PAX8.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
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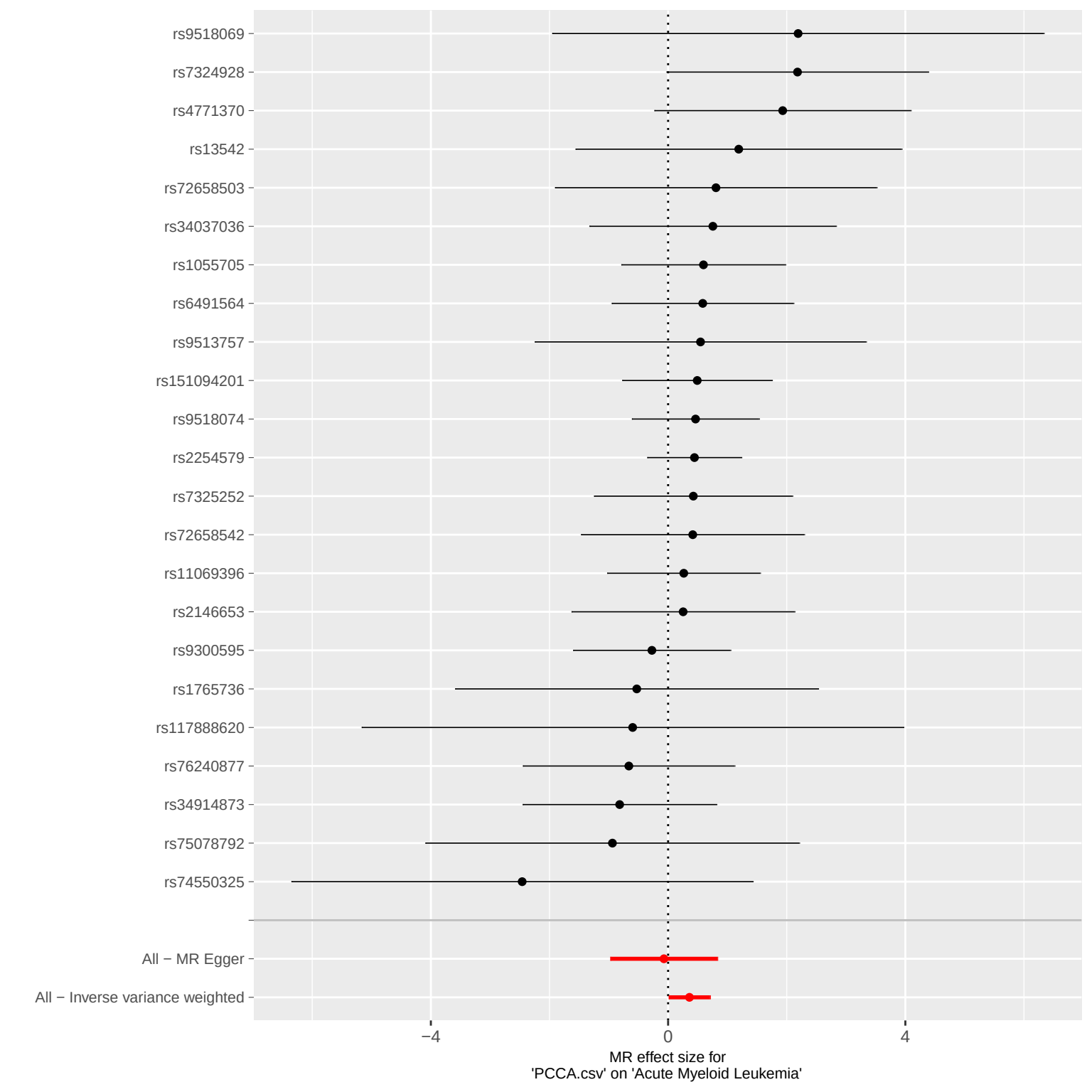
MR effect size for
'PBX2.csv' on 'Acute Myeloid Leukemia'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rs1765736
rs117888620
rs76240877
rs34914873
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rs74550325
All − MR Egger
All − Inverse variance weighted
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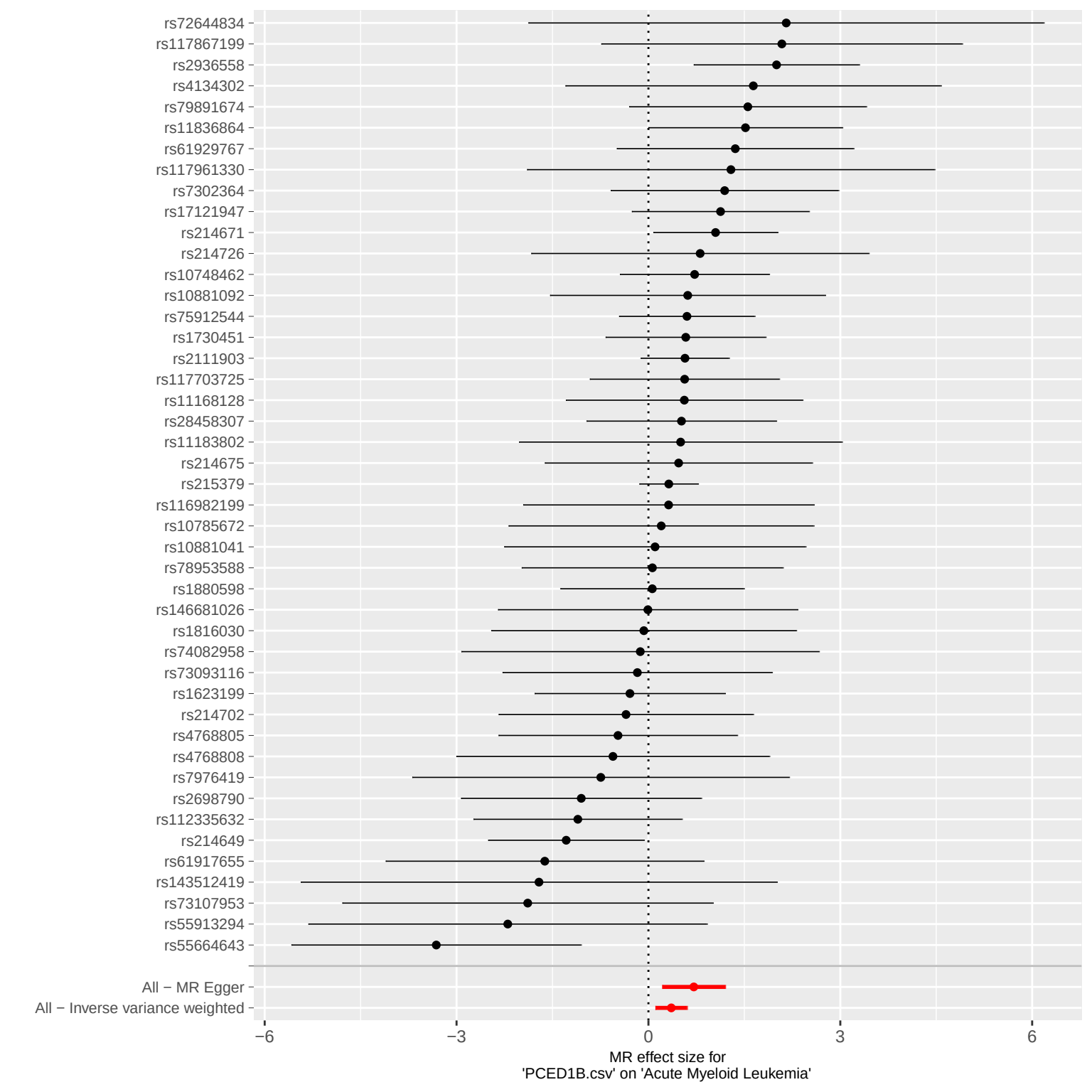
MR effect size for
'PCCA.csv' on 'Acute Myeloid Leukemia'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rs61917655
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rs55913294
rs55664643
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All − Inverse variance weighted
−6
−3
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3
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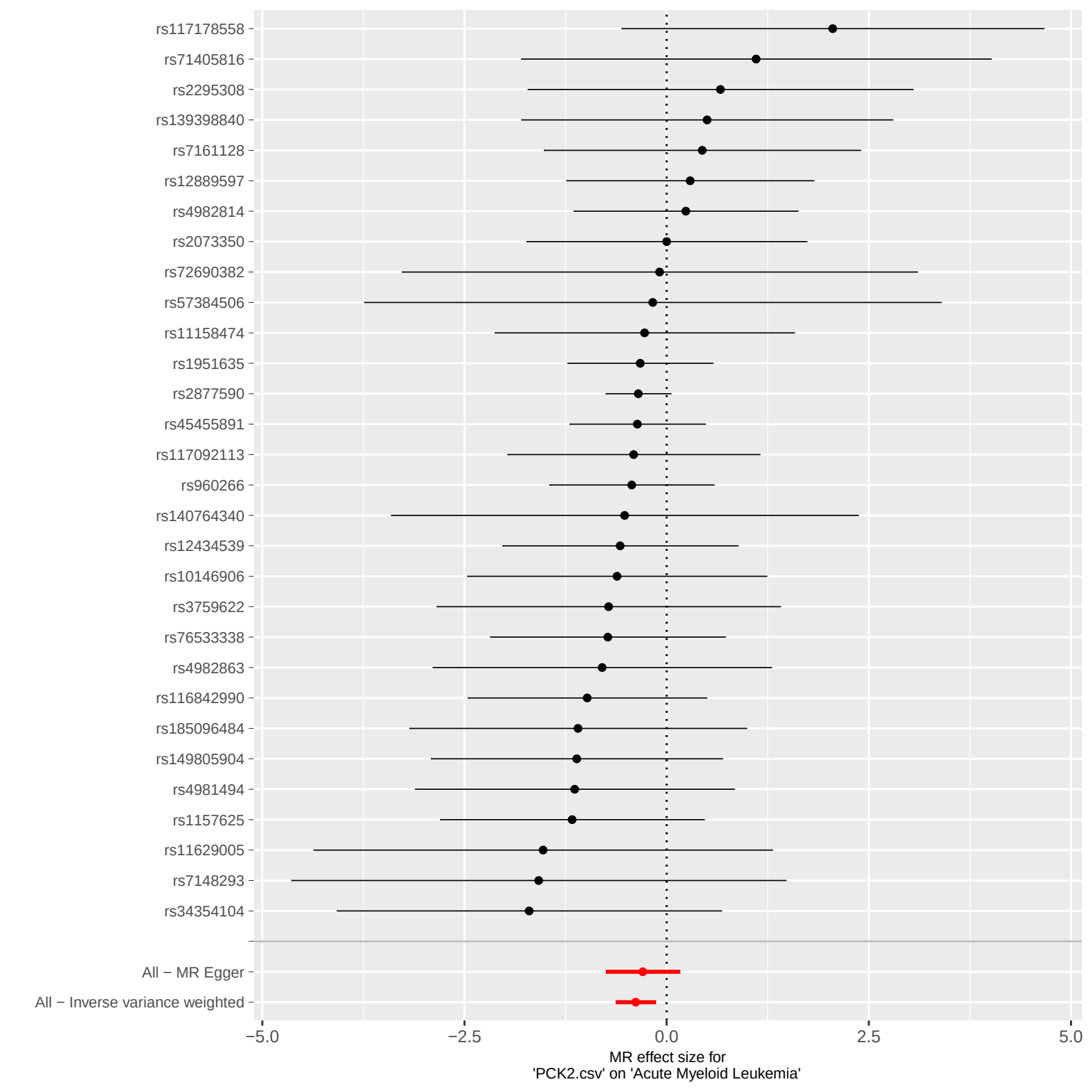
MR effect size for
'PCED1B.csv' on 'Acute Myeloid Leukemia'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rs34354104
All − MR Egger
All − Inverse variance weighted
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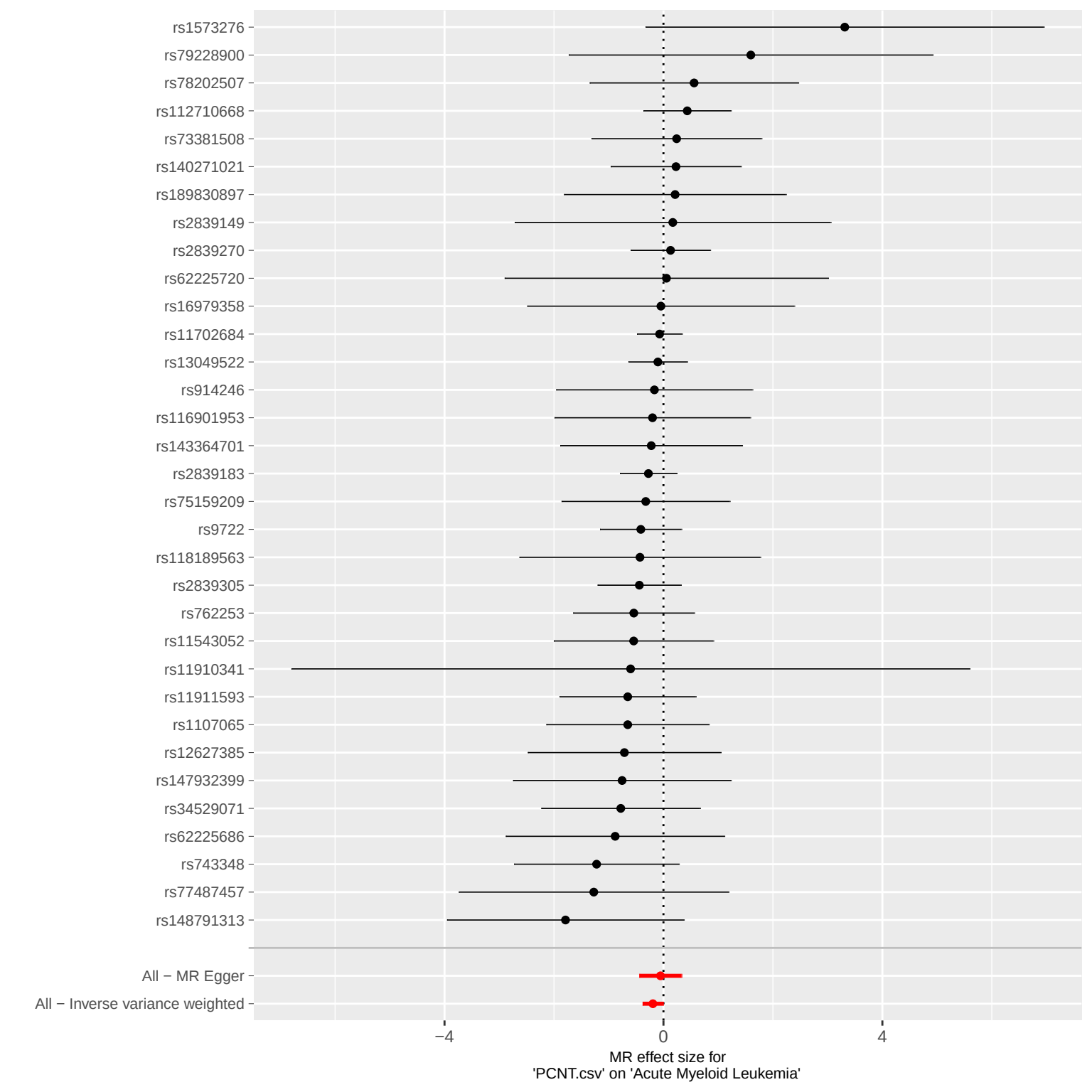
−2.5
0.0
2.5
5.0
MR effect size for
'PCK2.csv' on 'Acute Myeloid Leukemia'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rs1107065
rs12627385
rs147932399
rs34529071
rs62225686
rs743348
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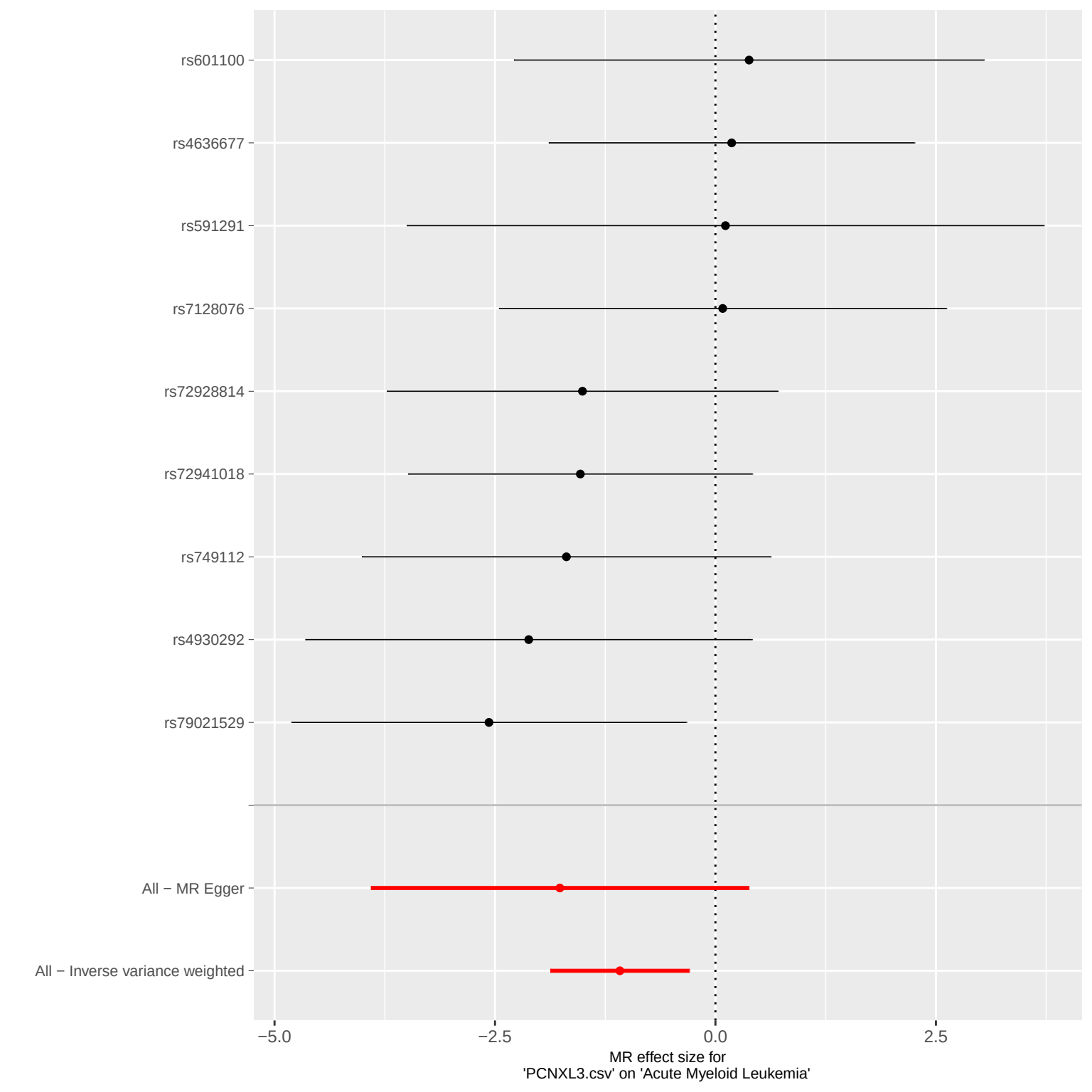
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PCNT.csv' on 'Acute Myeloid Leukemia'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rs749112
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rs79021529
All − MR Egger
All − Inverse variance weighted
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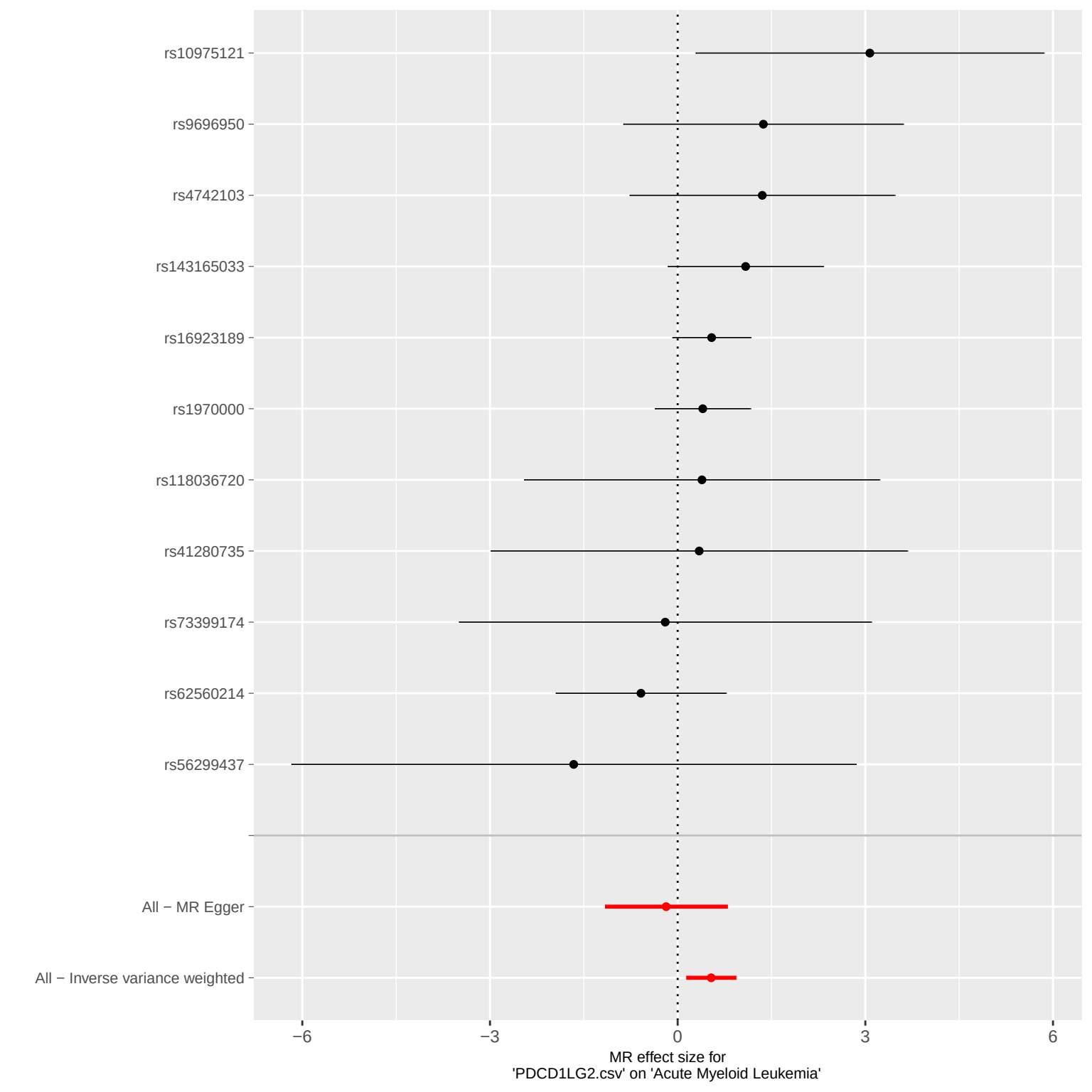
−2.5
0.0
2.5
MR effect size for
'PCNXL3.csv' on 'Acute Myeloid Leukemia'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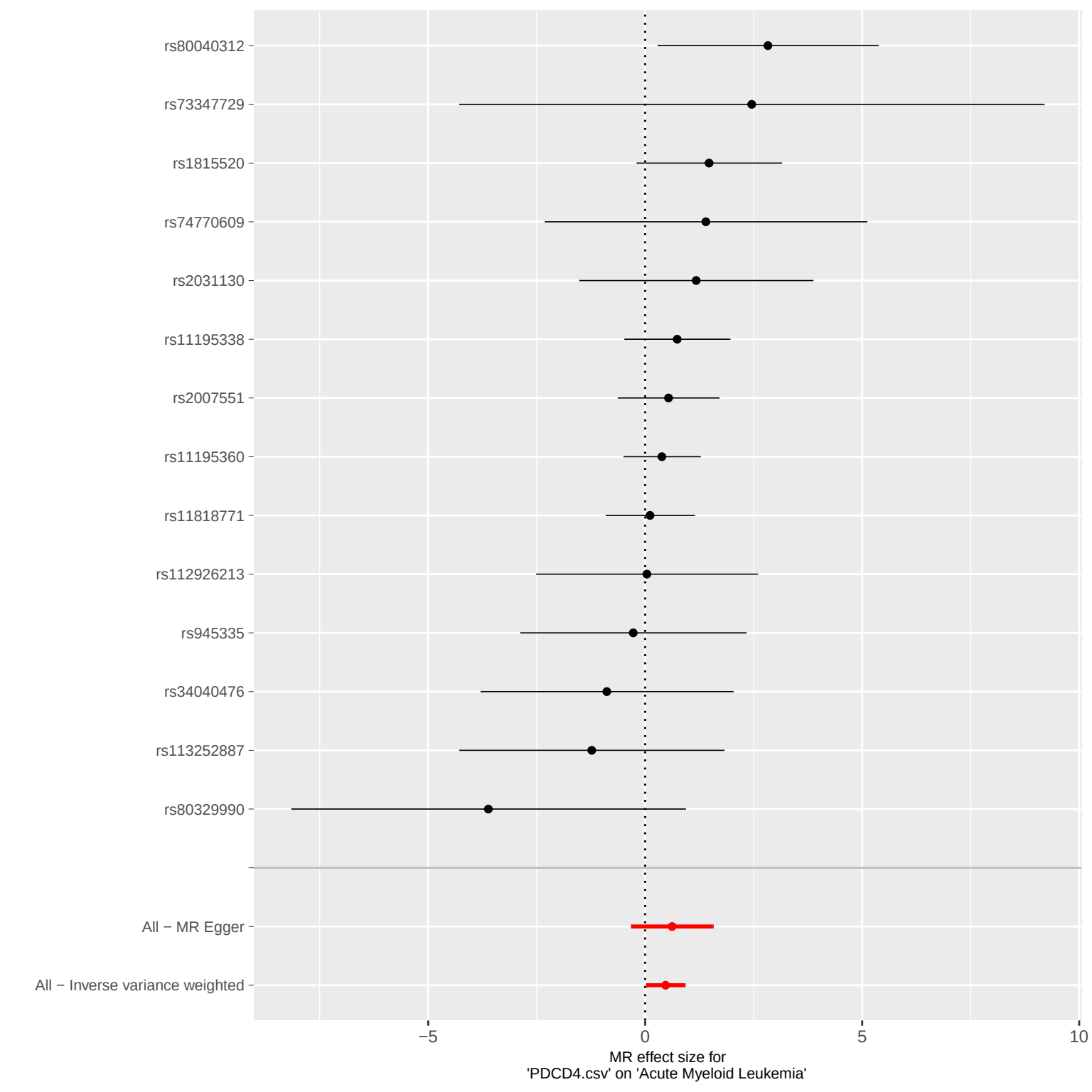
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'PDCD1LG2.csv' on 'Acute Myeloid Leukemia'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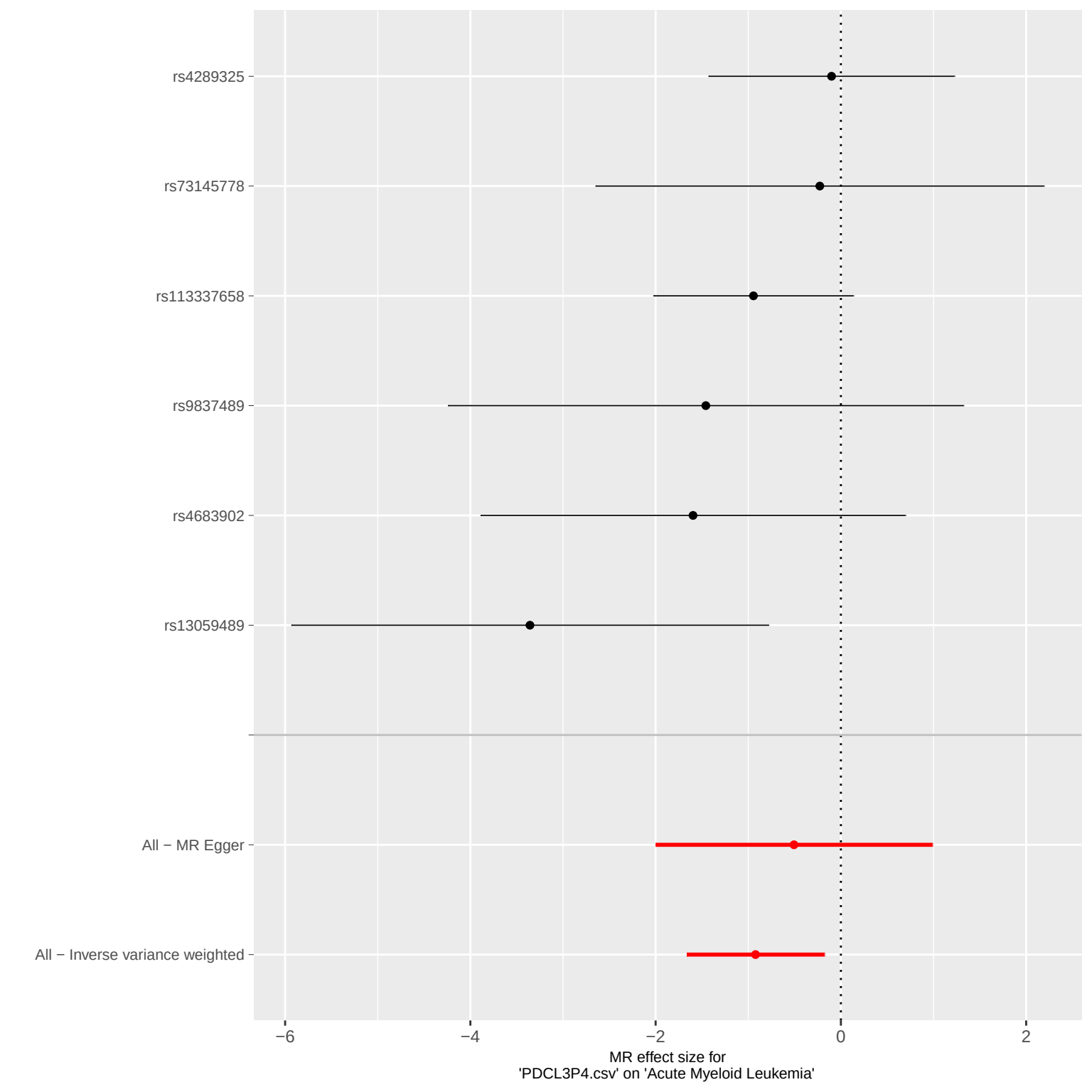
rs74770609
rs2031130
rs11195338
rs2007551
rs11195360
rs11818771
rs112926213
rs945335
rs34040476
rs113252887
rs80329990
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'PDCD4.csv' on 'Acute Myeloid Leukemia'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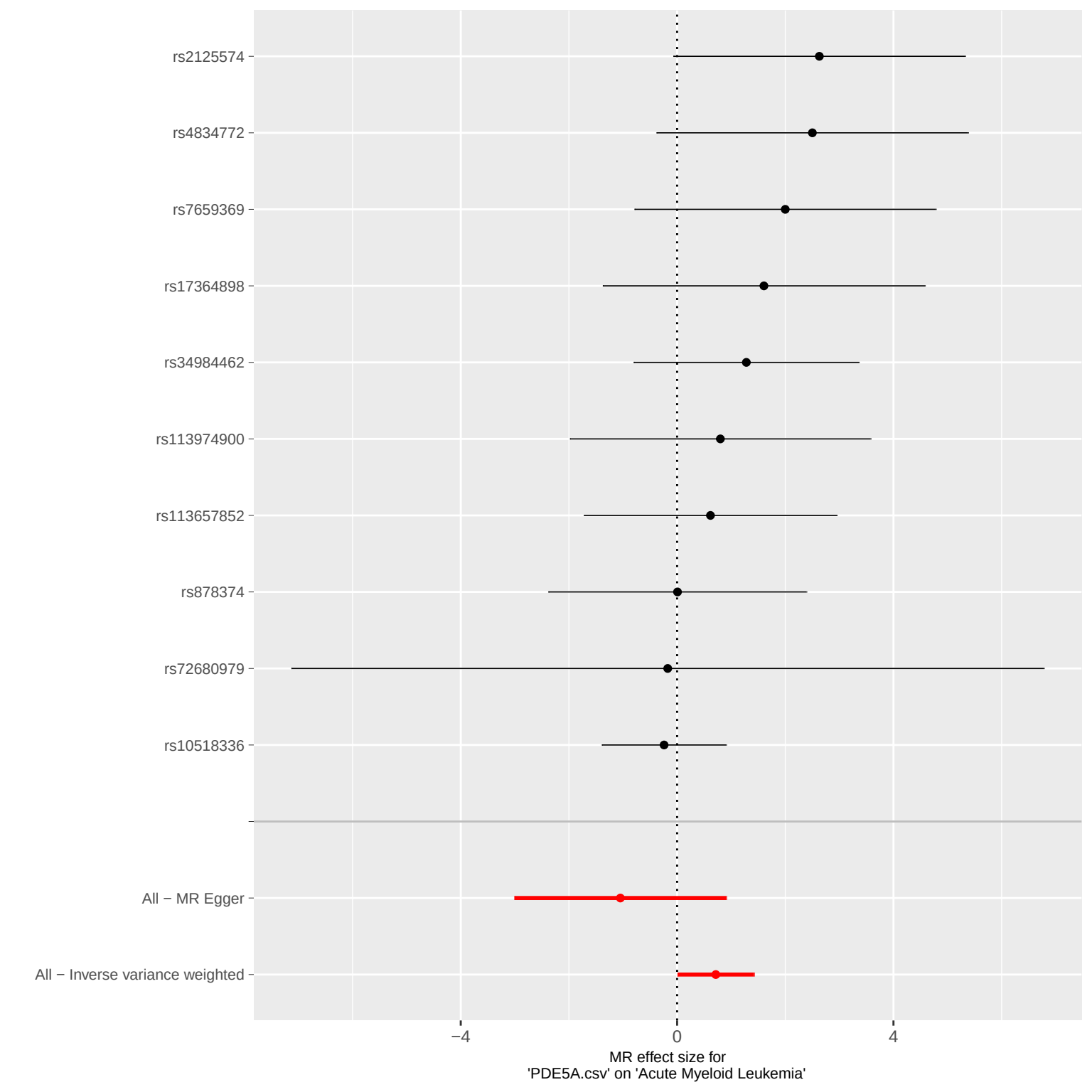
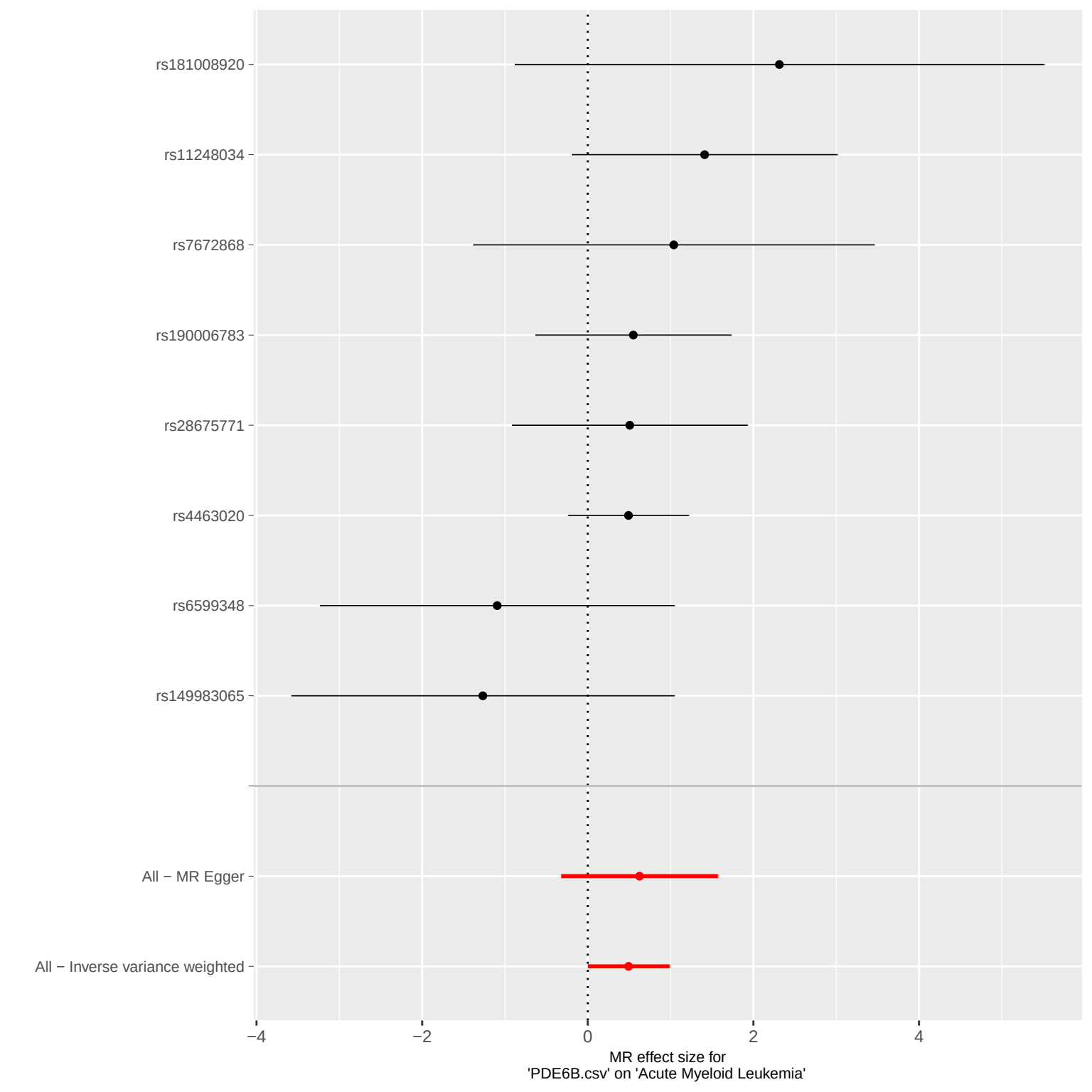
rs73145778
rs113337658
rs9837489
rs4683902
rs13059489
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'PDCL3P4.csv' on 'Acute Myeloid Leukemia'


rs2125574
rs4834772
rs7659369
rs17364898
rs34984462
rs113974900
rs113657852
rs878374
rs72680979
rs10518336
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PDE5A.csv' on 'Acute Myeloid Leukemia'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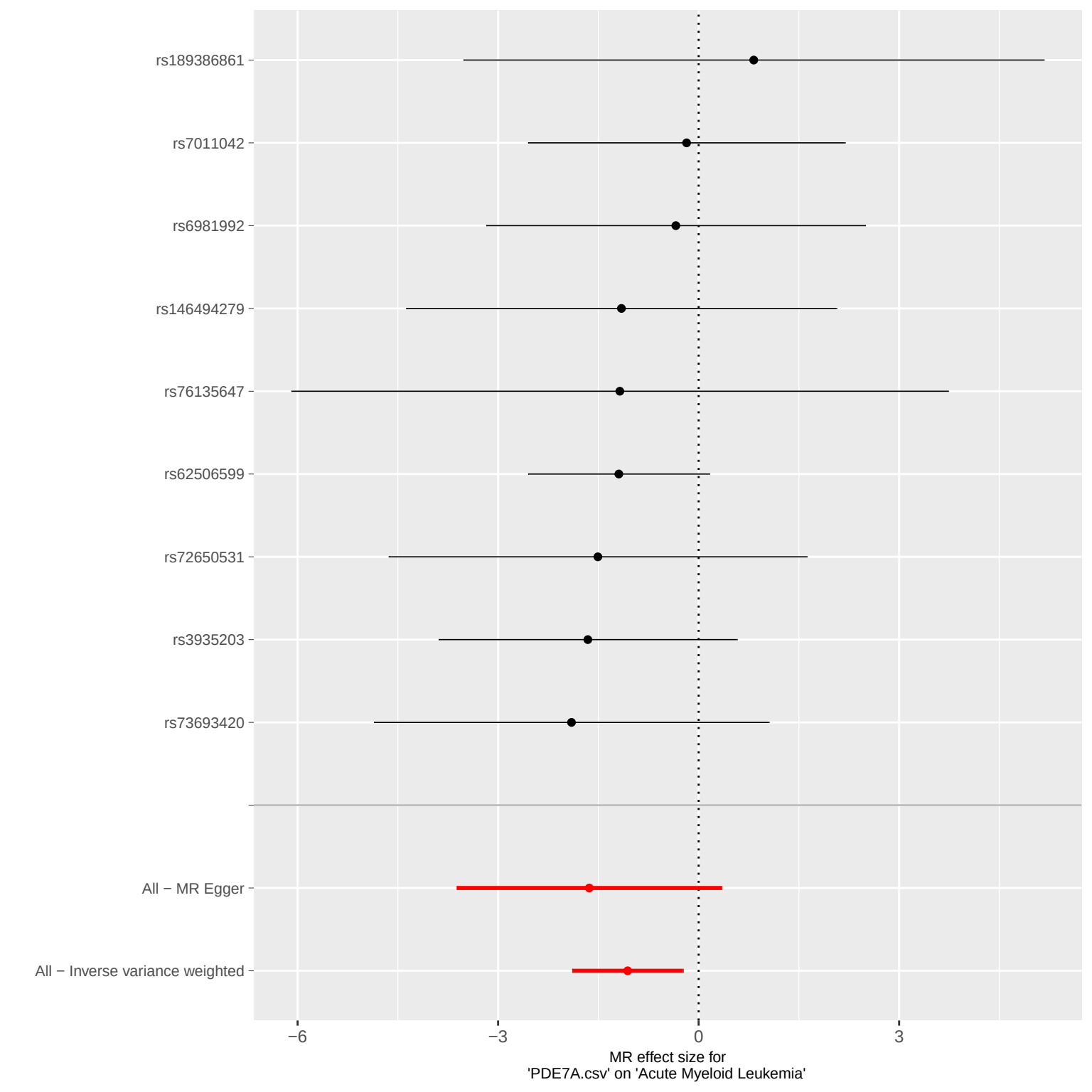
rs11248034
rs7672868
rs190006783
rs28675771
rs4463020
rs6599348
rs149983065
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'PDE6B.csv' on 'Acute Myeloid Leukemia'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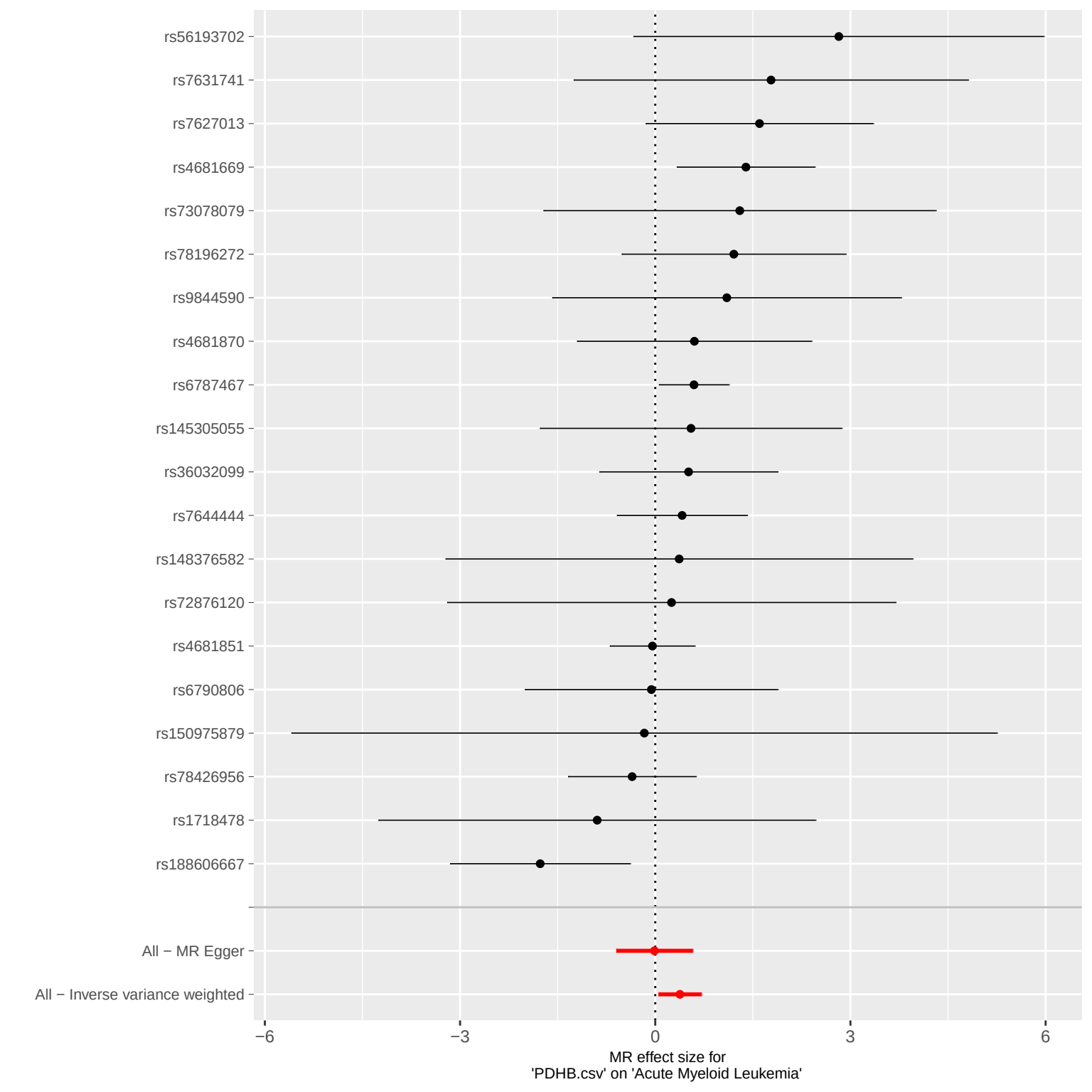
rs6981992
rs146494279
rs76135647
rs62506599
rs72650531
rs3935203
rs73693420
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'PDE7A.csv' on 'Acute Myeloid Leukemia'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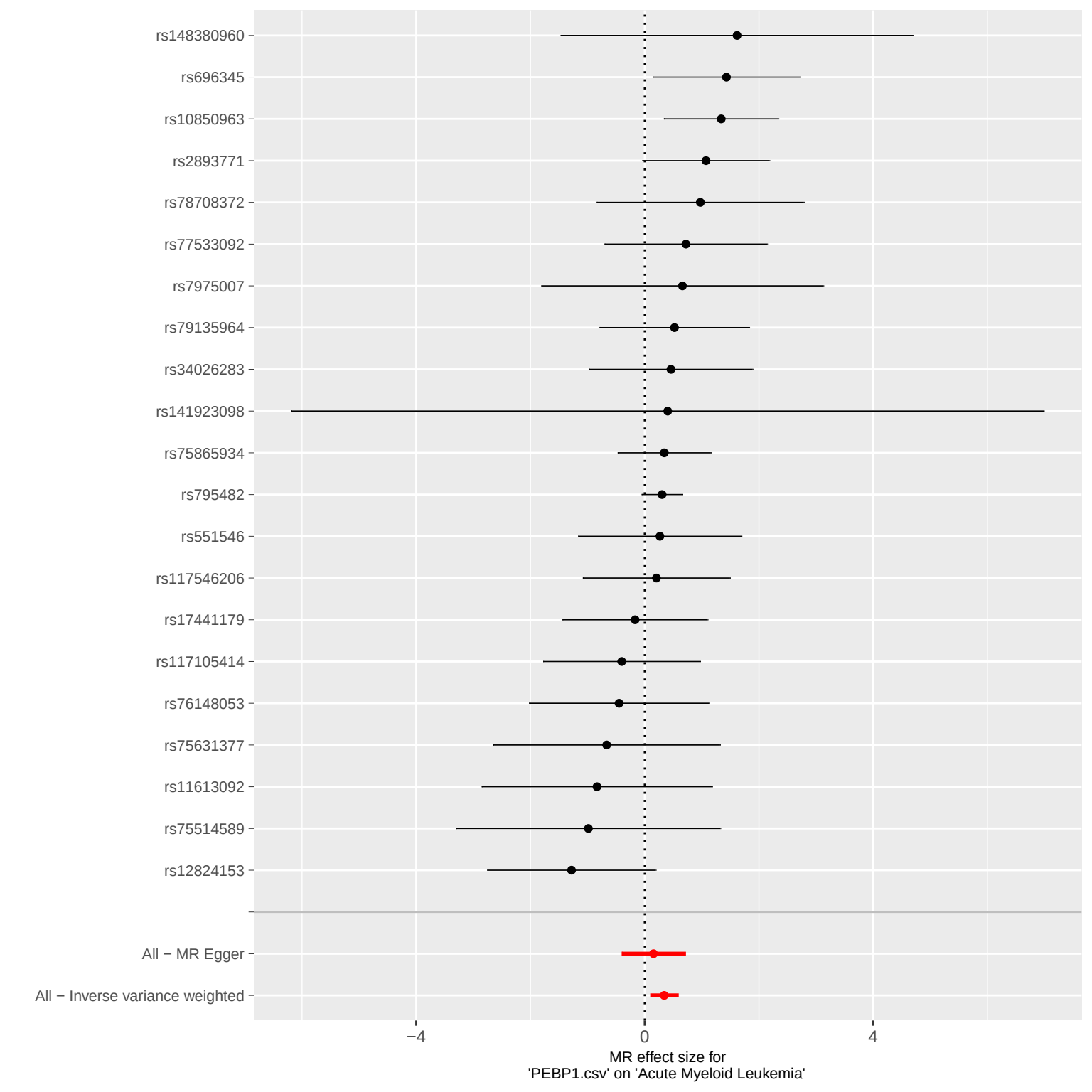
rs7644444
rs148376582
rs72876120
rs4681851
rs6790806
rs150975879
rs78426956
rs1718478
rs188606667
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'PDHB.csv' on 'Acute Myeloid Leukemia'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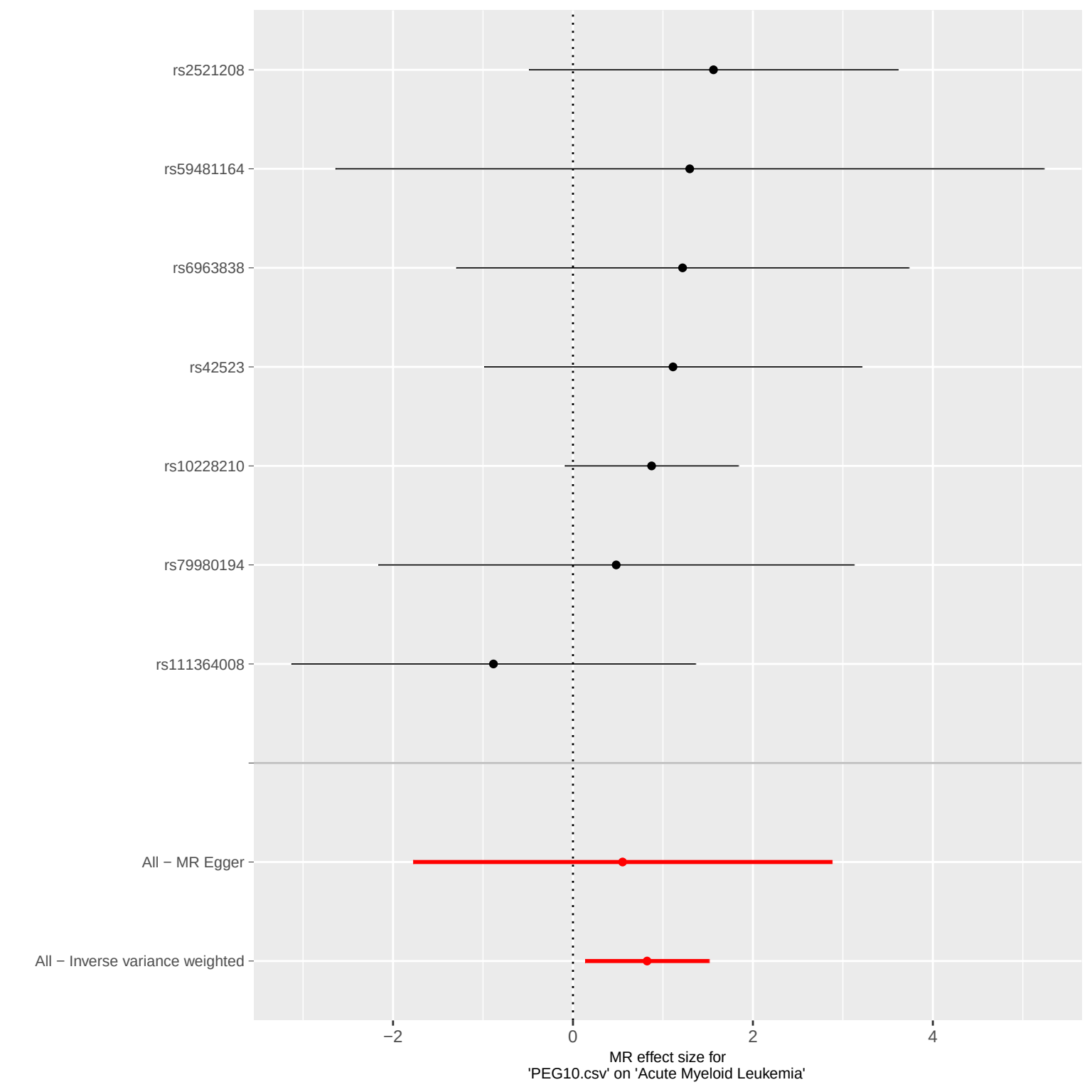
rs795482
rs551546
rs117546206
rs17441179
rs117105414
rs76148053
rs75631377
rs11613092
rs75514589
rs12824153
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PEBP1.csv' on 'Acute Myeloid Leukemia'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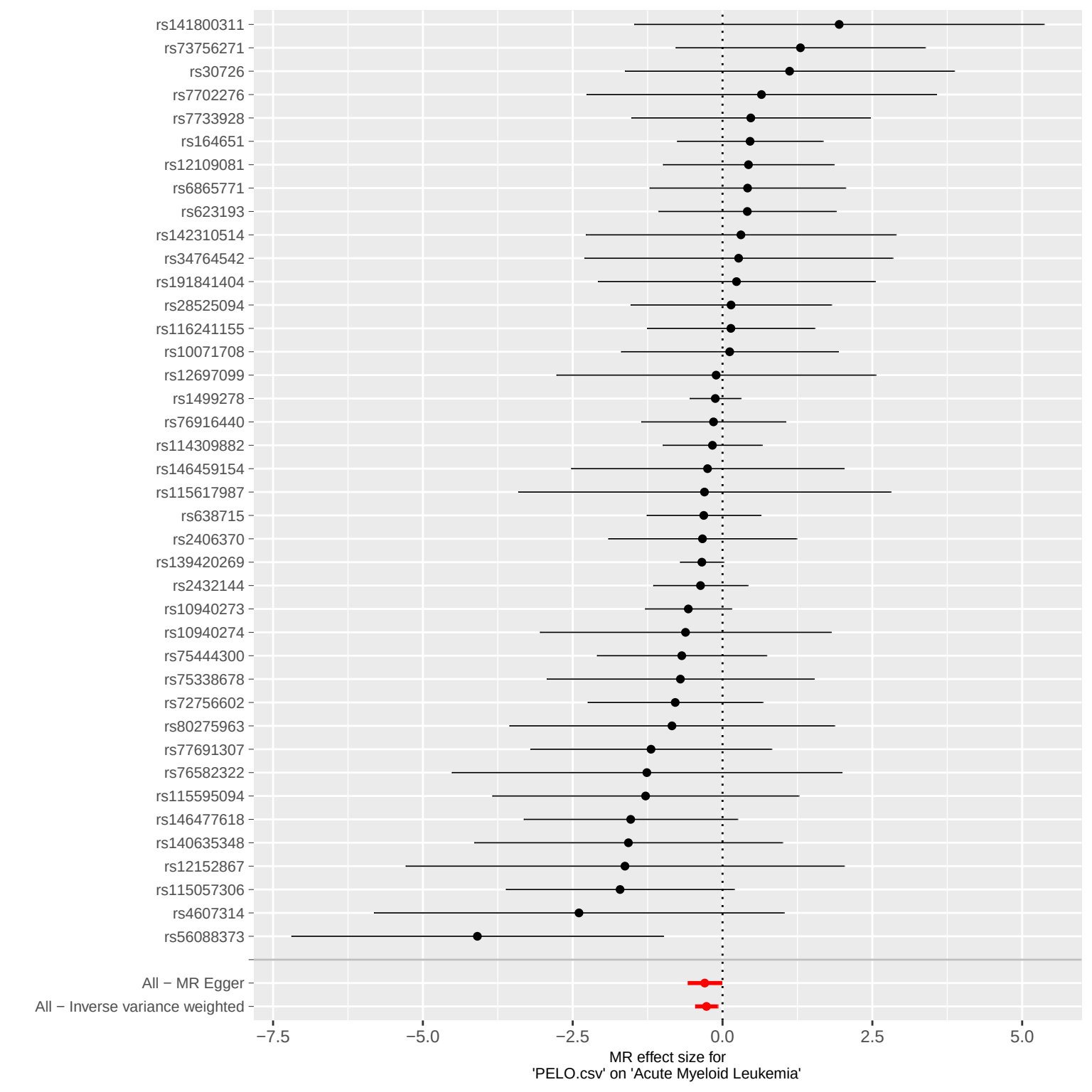
rs59481164
rs6963838
rs42523
rs10228210
rs79980194
rs111364008
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PEG10.csv' on 'Acute Myeloid Leukemia'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rs7733928
rs164651
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rs191841404
rs28525094
rs116241155
rs10071708
rs12697099
rs1499278
rs76916440
rs114309882
rs146459154
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rs638715
rs2406370
rs139420269
rs2432144
rs10940273
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rs72756602
rs80275963
rs77691307
rs76582322
rs115595094
rs146477618
rs140635348
rs12152867
rs115057306
rs4607314
rs56088373
All − MR Egger
All − Inverse variance weighted
−7.5
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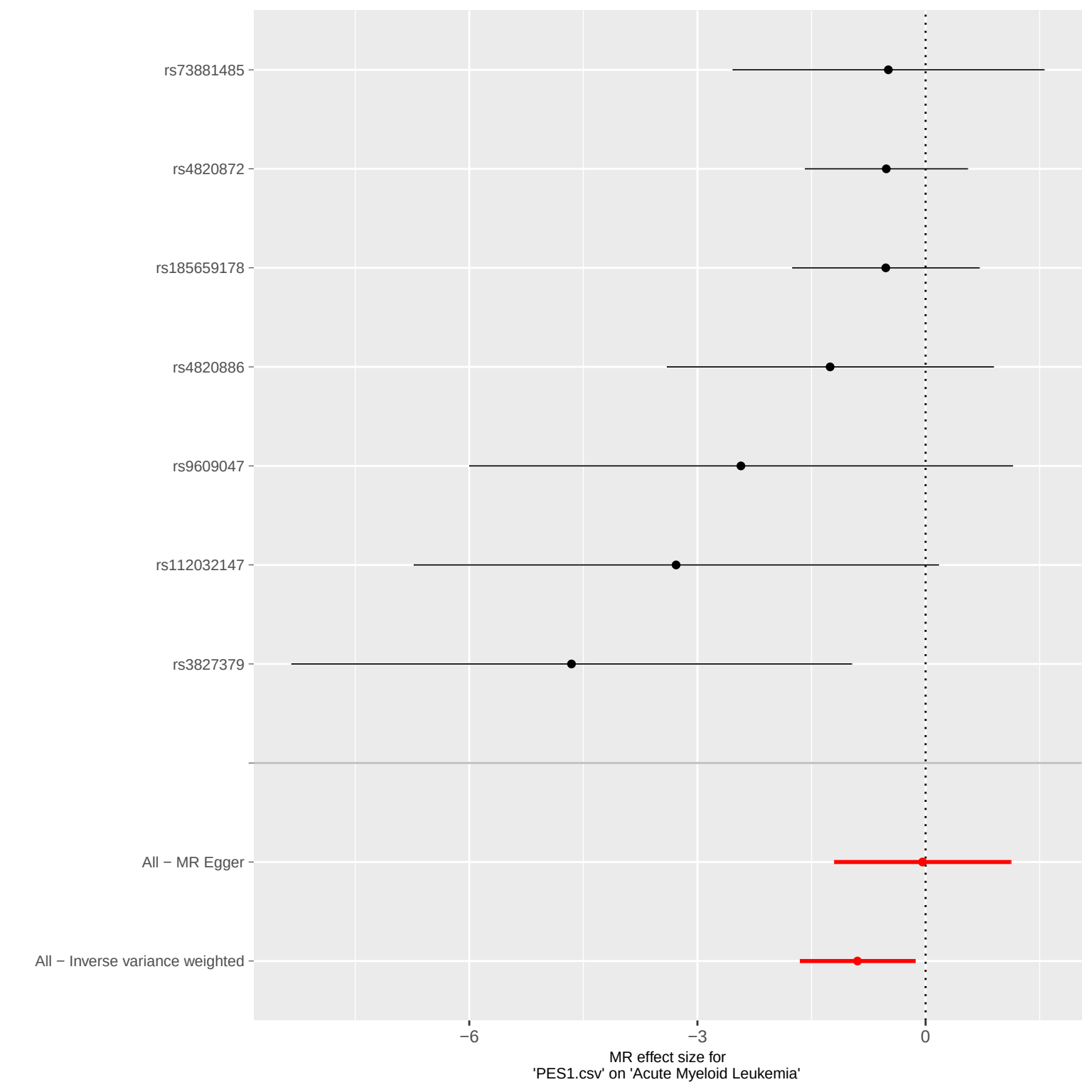
−2.5
0.0
2.5
5.0
MR effect size for
'PELO.csv' on 'Acute Myeloid Leukemia'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rs9609047
rs112032147
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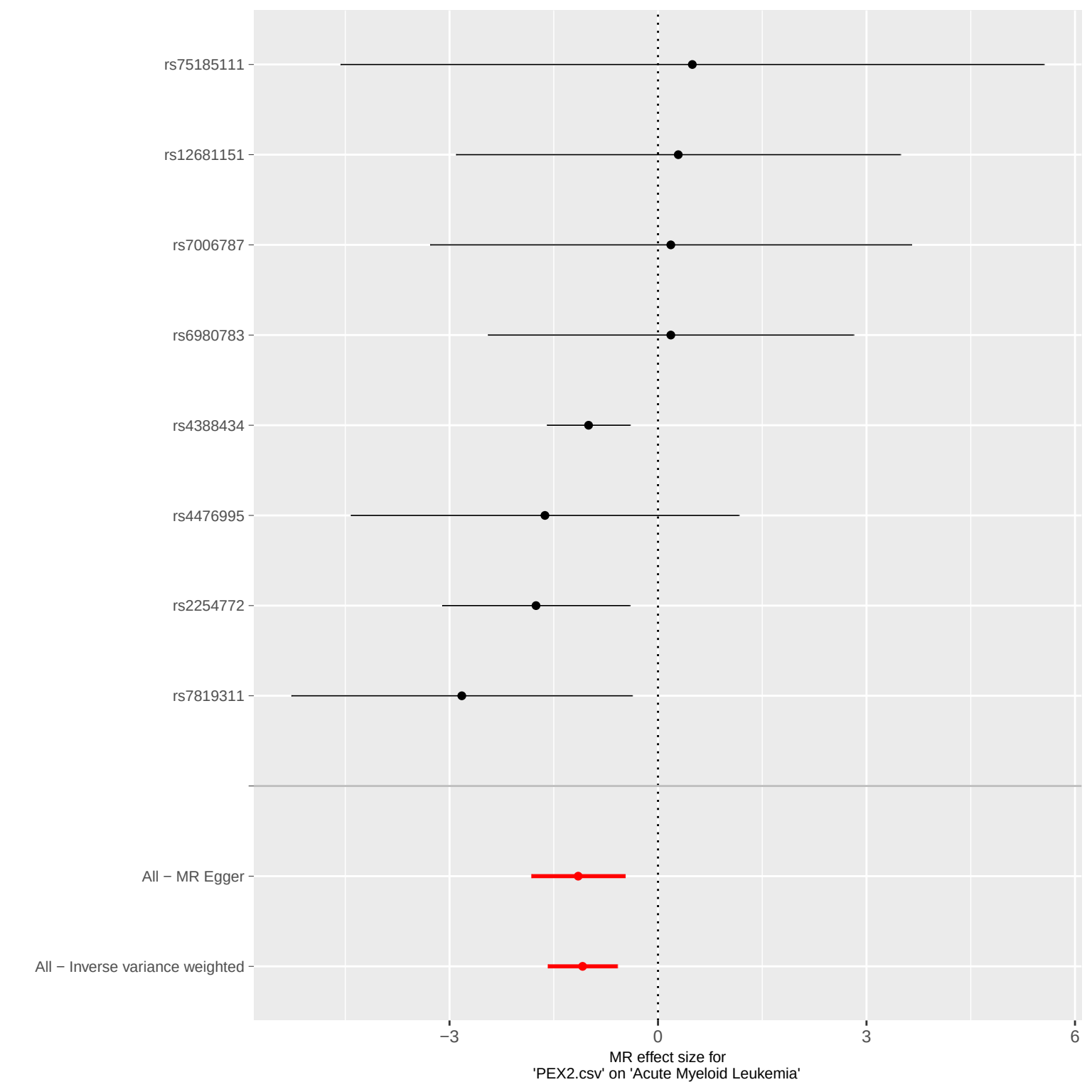
All − MR Egger
All − Inverse variance weighted
−6
−3
0
MR effect size for
'PES1.csv' on 'Acute Myeloid Leukemia'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rs6980783
rs4388434
rs4476995
rs2254772
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All − MR Egger
All − Inverse variance weighted
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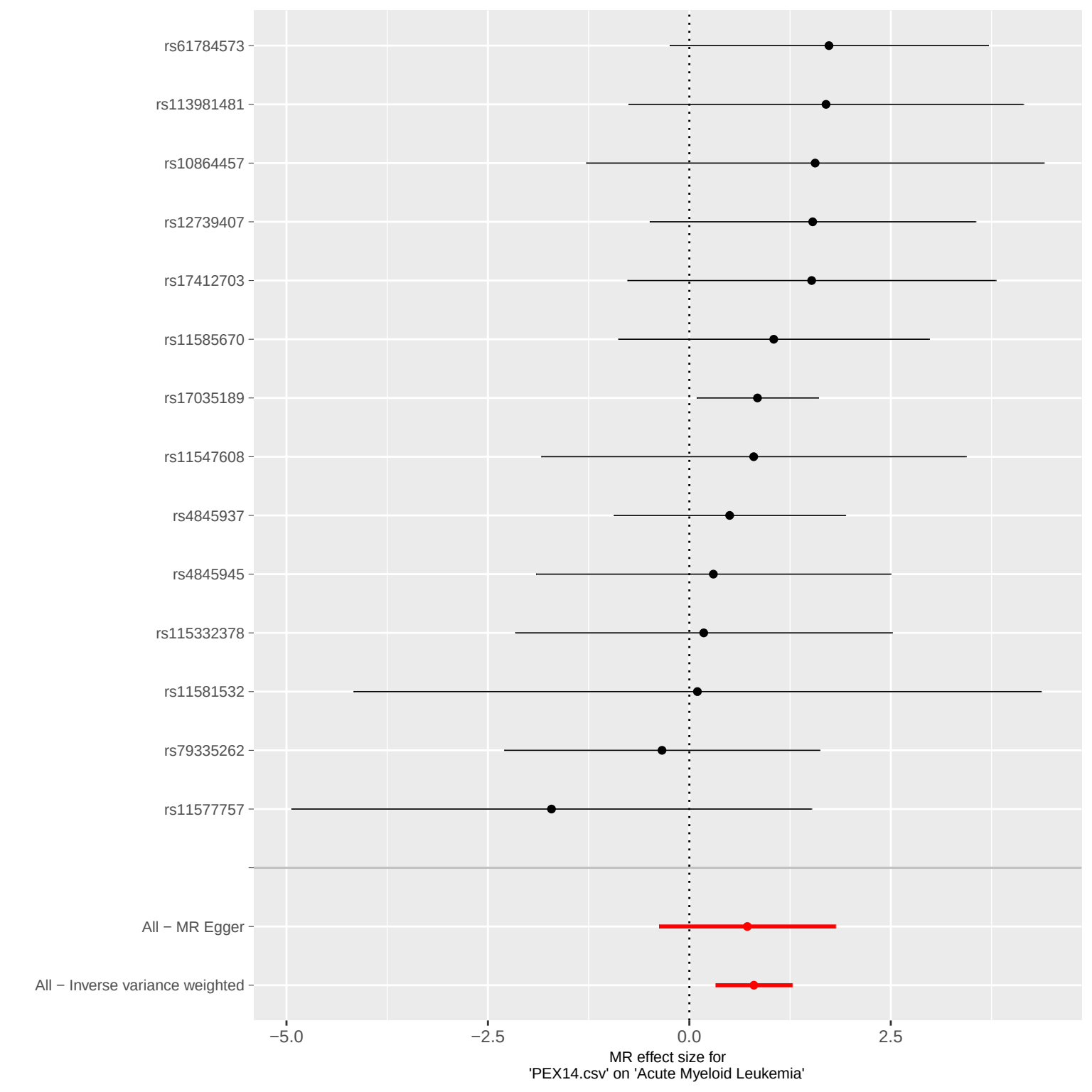
0
3
6
MR effect size for
'PEX2.csv' on 'Acute Myeloid Leukemia'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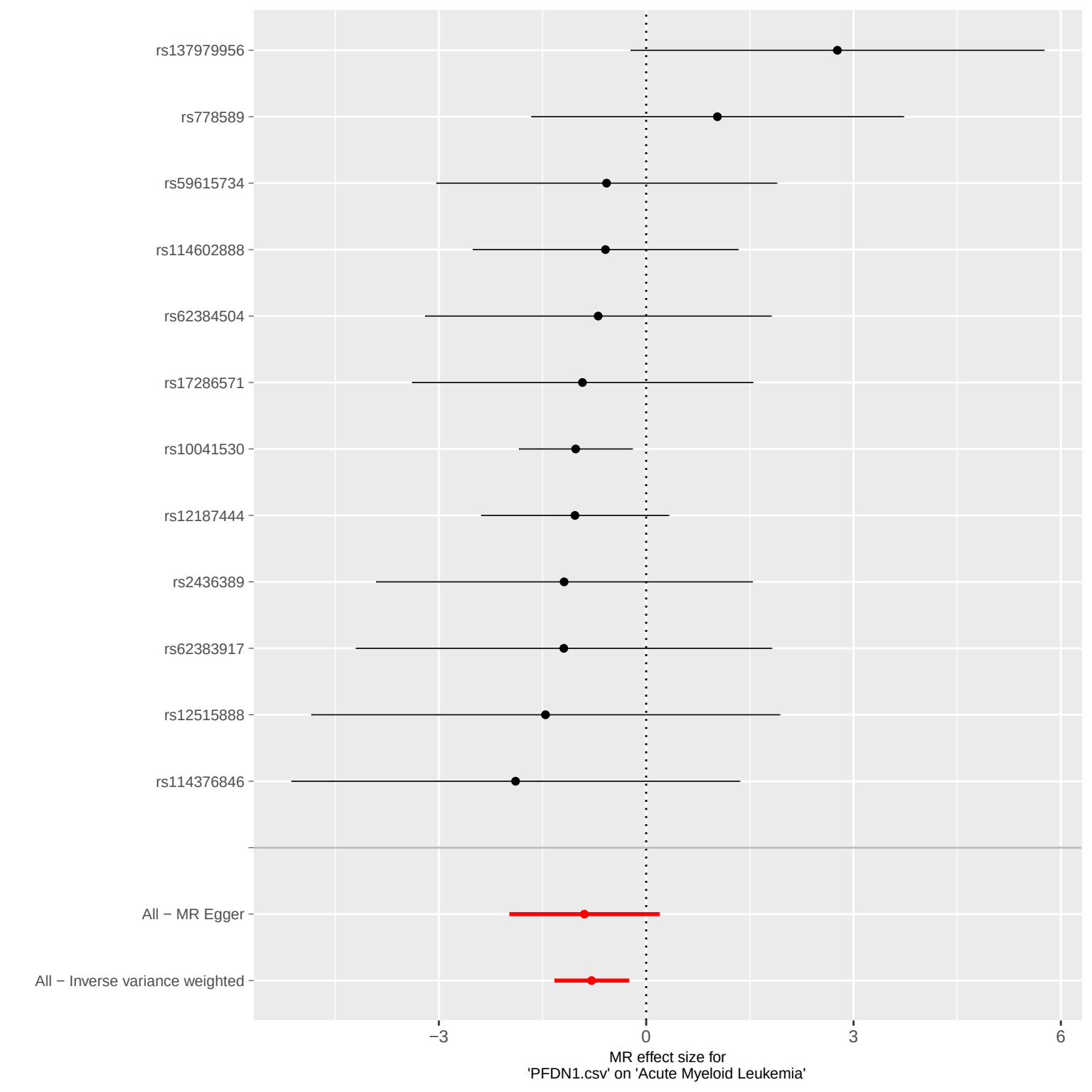
rs115332378
rs11581532
rs79335262
rs11577757
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PEX14.csv' on 'Acute Myeloid Leukemia'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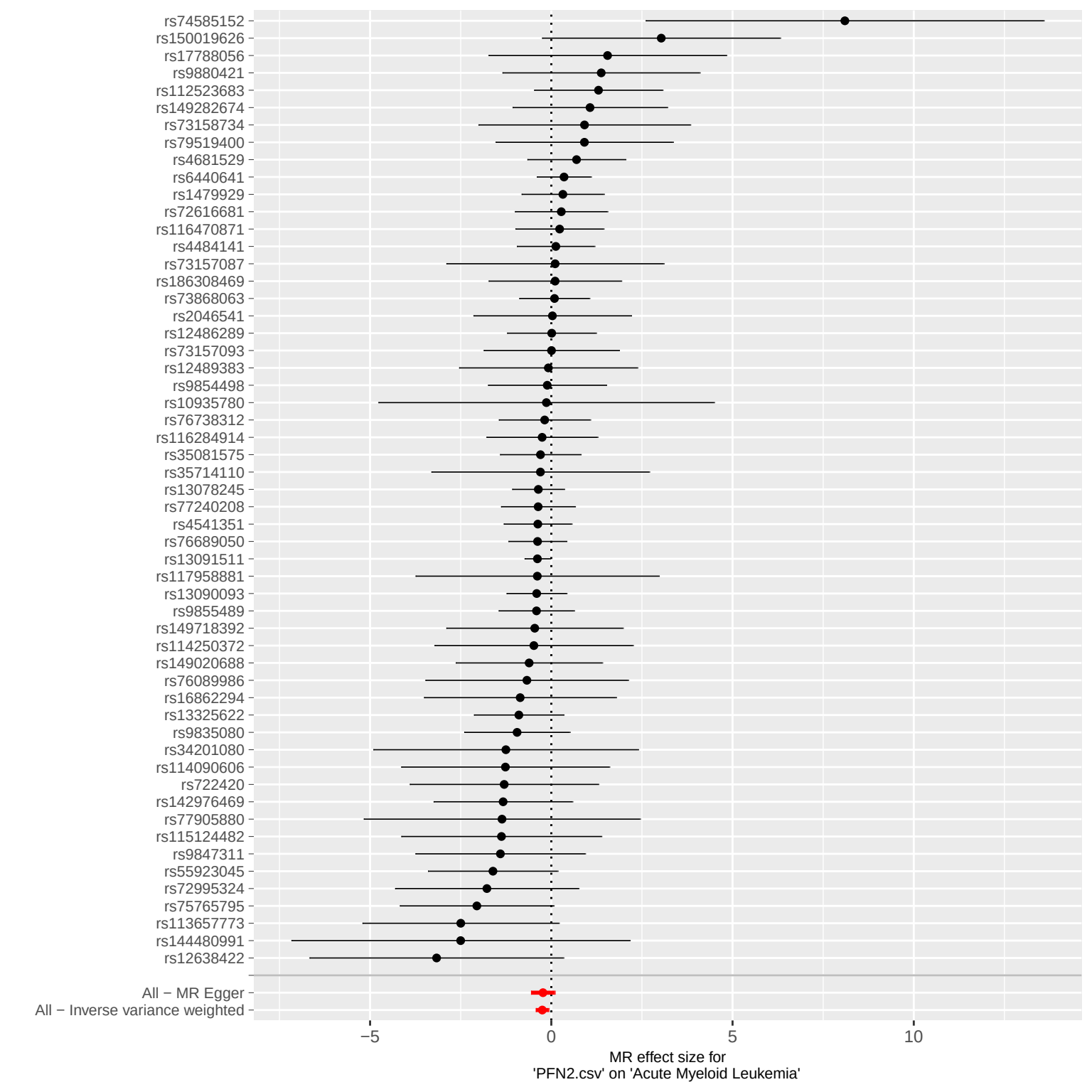
rs17286571
rs10041530
rs12187444
rs2436389
rs62383917
rs12515888
rs114376846
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'PFDN1.csv' on 'Acute Myeloid Leukemia'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rs73868063
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rs77905880
rs115124482
rs9847311
rs55923045
rs72995324
rs75765795
rs113657773
rs144480991
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All − MR Egger
All − Inverse variance weighted
−5
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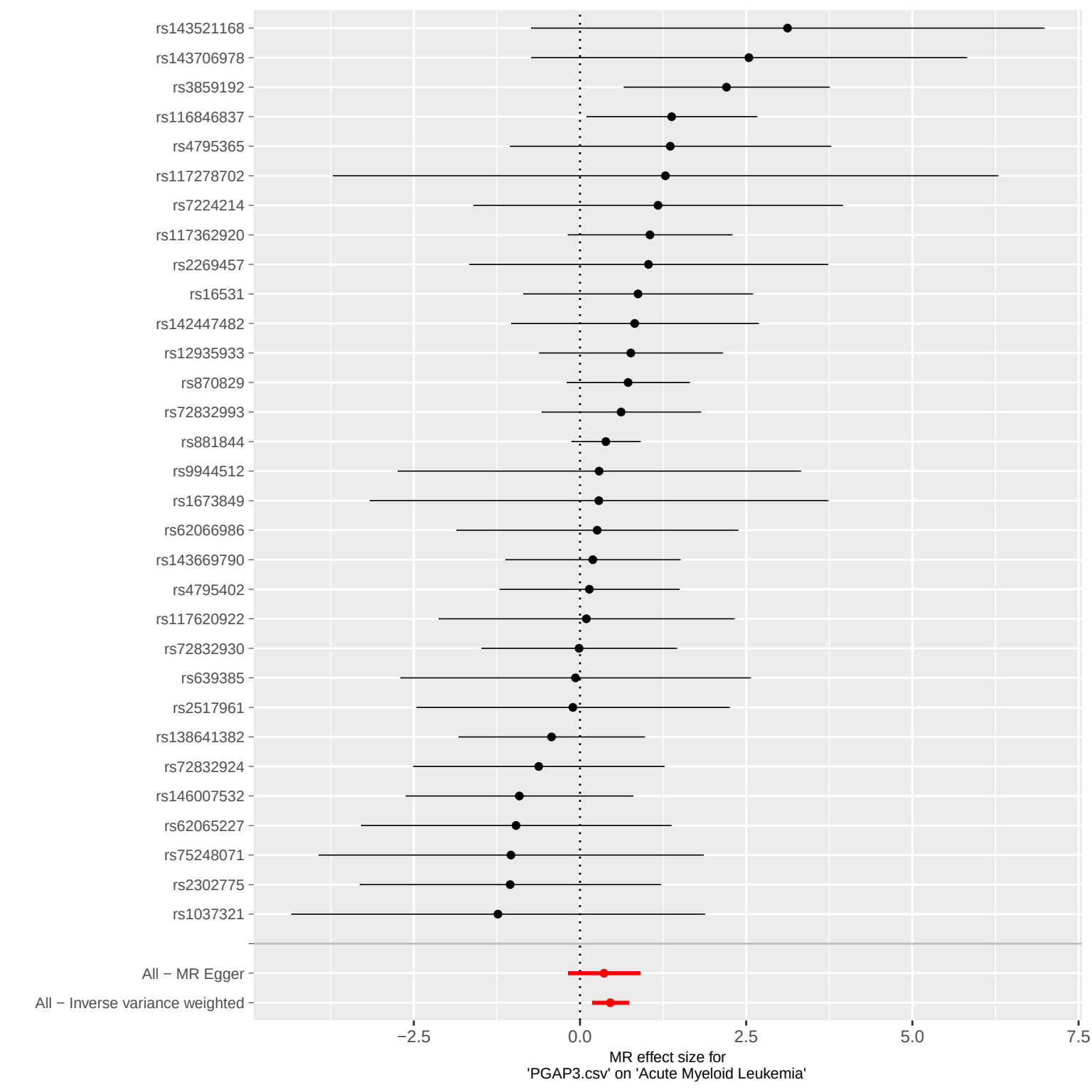
5
10
MR effect size for
'PFN2.csv' on 'Acute Myeloid Leukemia'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rs9944512
rs1673849
rs62066986
rs143669790
rs4795402
rs117620922
rs72832930
rs639385
rs2517961
rs138641382
rs72832924
rs146007532
rs62065227
rs75248071
rs2302775
rs1037321
All − MR Egger
All − Inverse variance weighted
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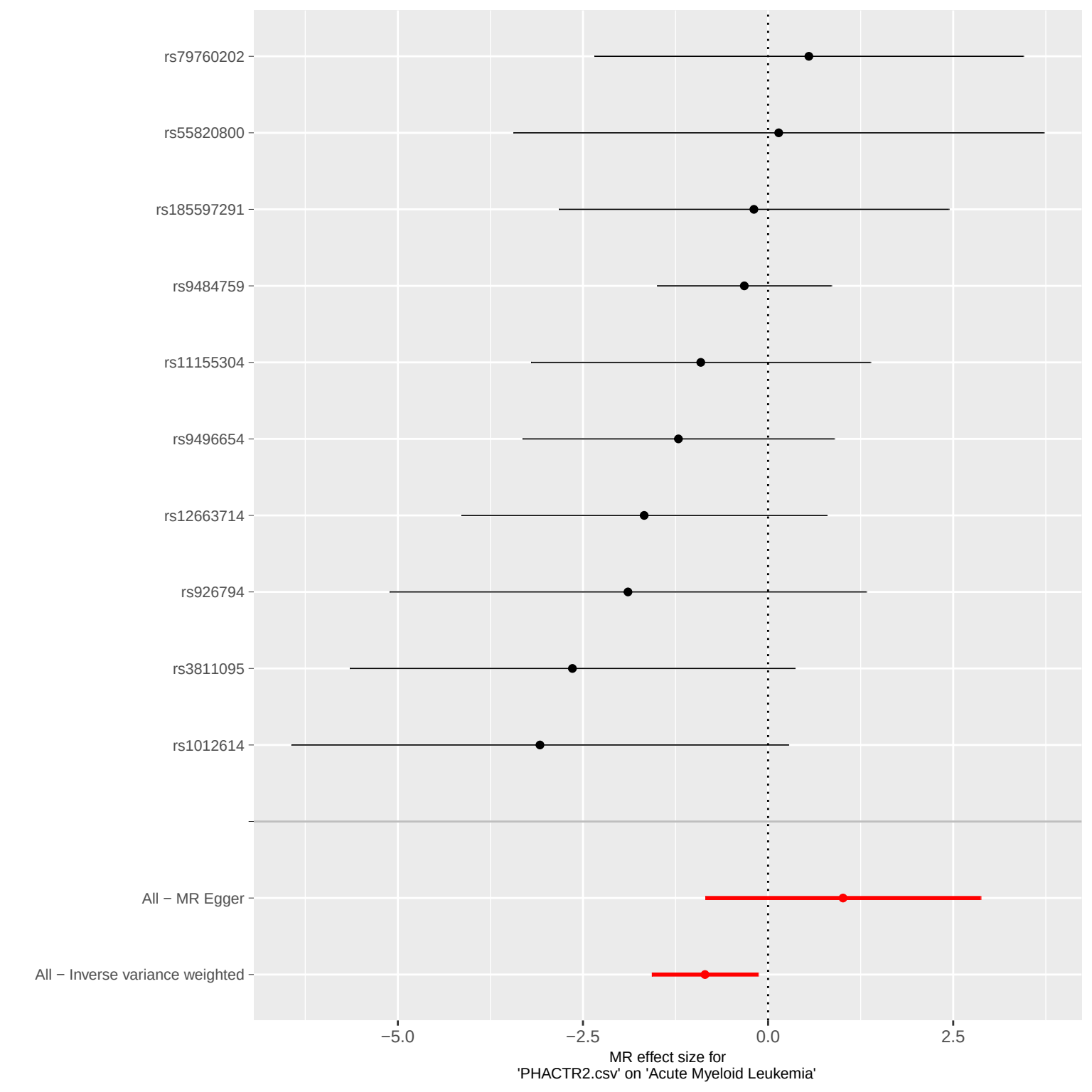
0.0
2.5
5.0
7.5
MR effect size for
'PGAP3.csv' on 'Acute Myeloid Leukemia'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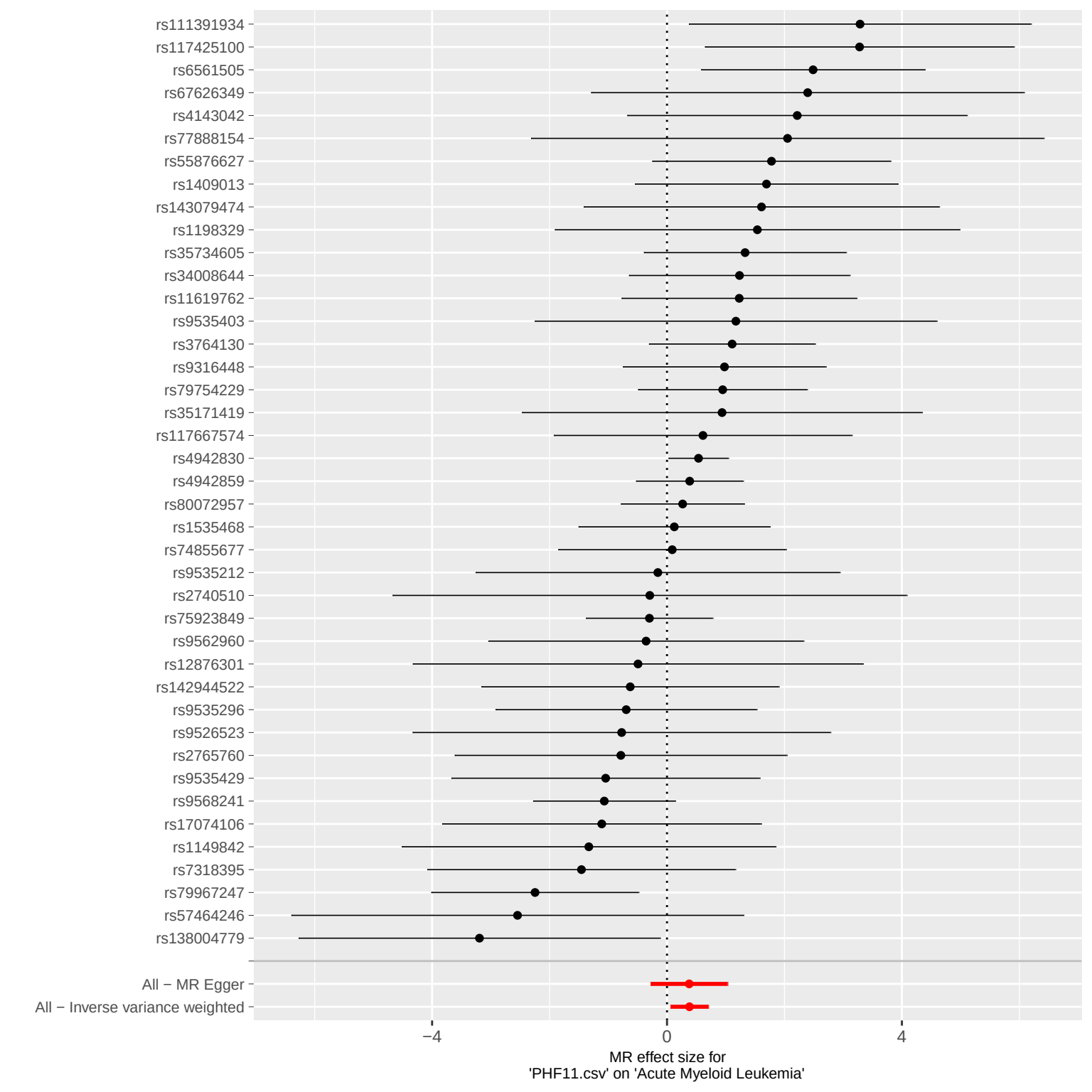
rs3811095
rs1012614
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PHACTR2.csv' on 'Acute Myeloid Leukemia'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rs142944522
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rs9526523
rs2765760
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rs9568241
rs17074106
rs1149842
rs7318395
rs79967247
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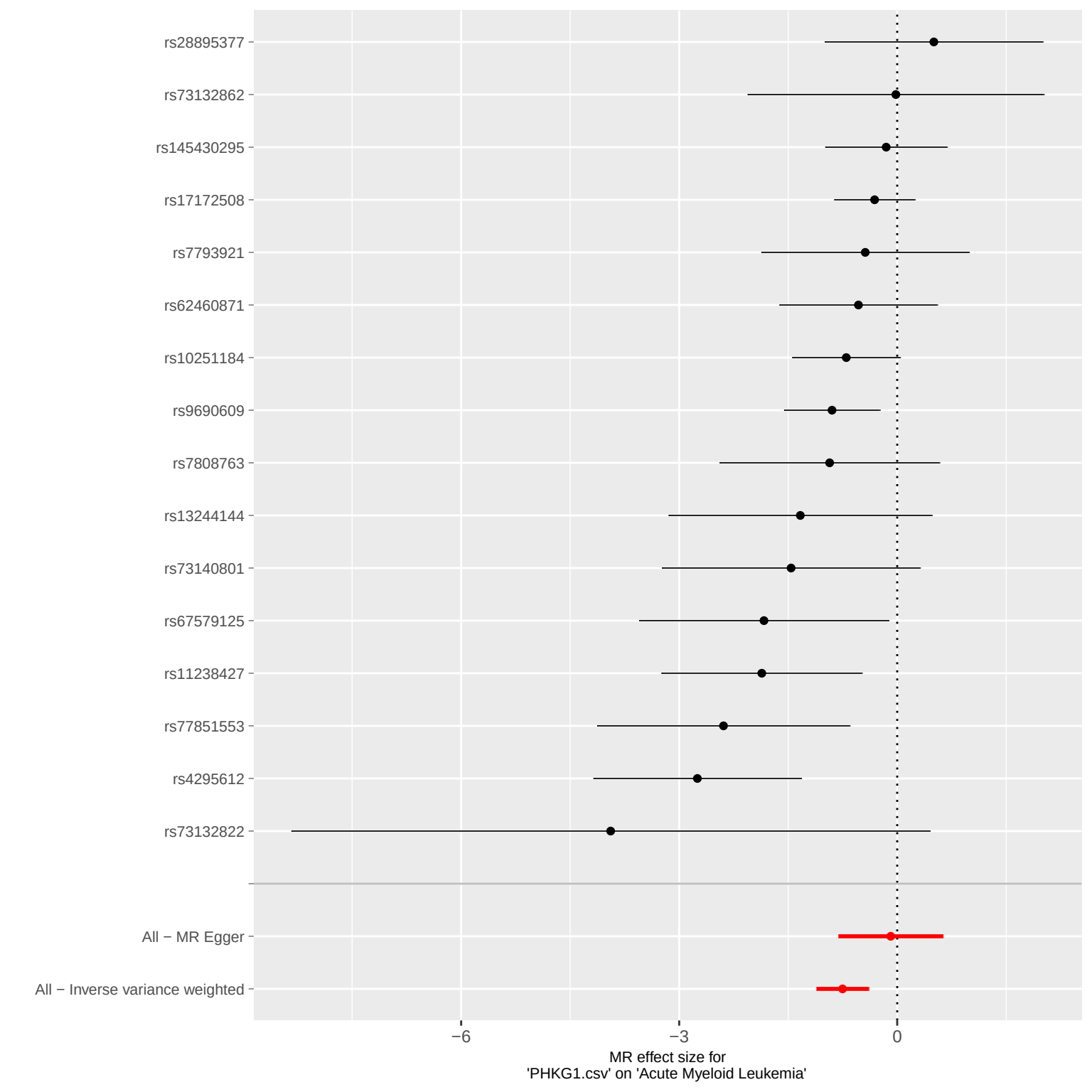
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PHF11.csv' on 'Acute Myeloid Leukemia'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rs9690609
rs7808763
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rs73140801
rs67579125
rs11238427
rs77851553
rs4295612
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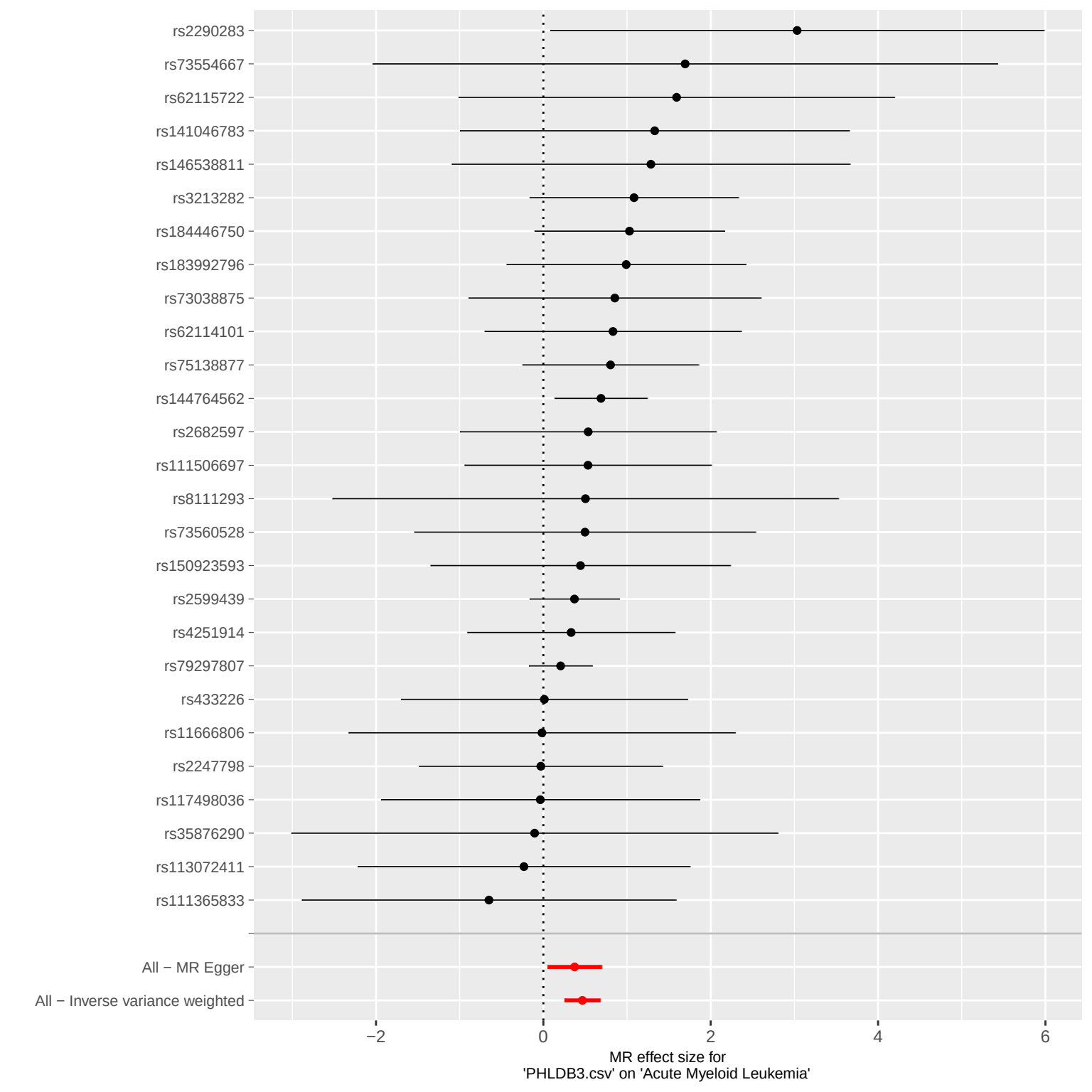
All − MR Egger
All − Inverse variance weighted
−6
−3
0
MR effect size for
'PHKG1.csv' on 'Acute Myeloid Leukemia'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rs2599439
rs4251914
rs79297807
rs433226
rs11666806
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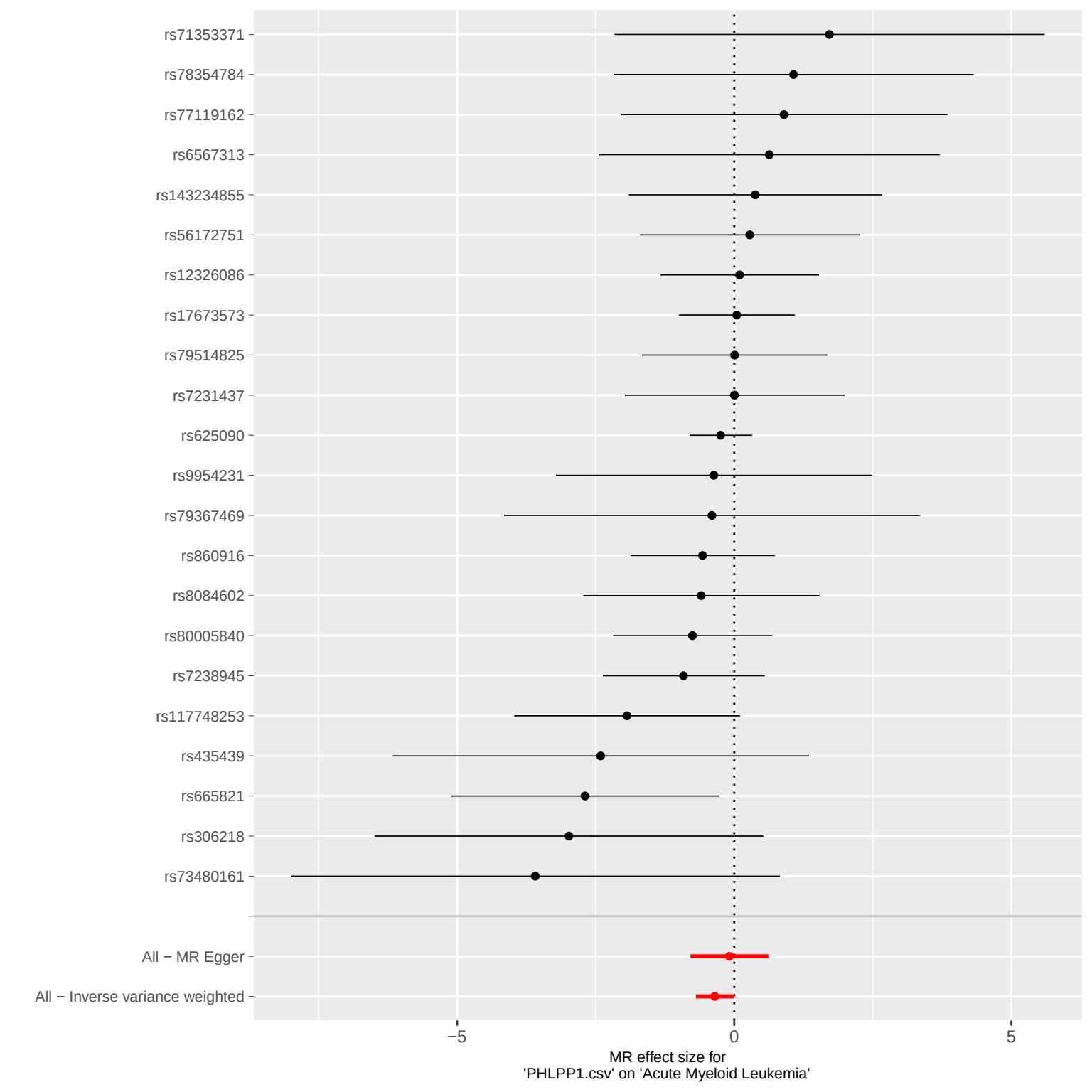
rs117498036
rs35876290
rs113072411
rs111365833
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'PHLDB3.csv' on 'Acute Myeloid Leukemia'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rs625090
rs9954231
rs79367469
rs860916
rs8084602
rs80005840
rs7238945
rs117748253
rs435439
rs665821
rs306218
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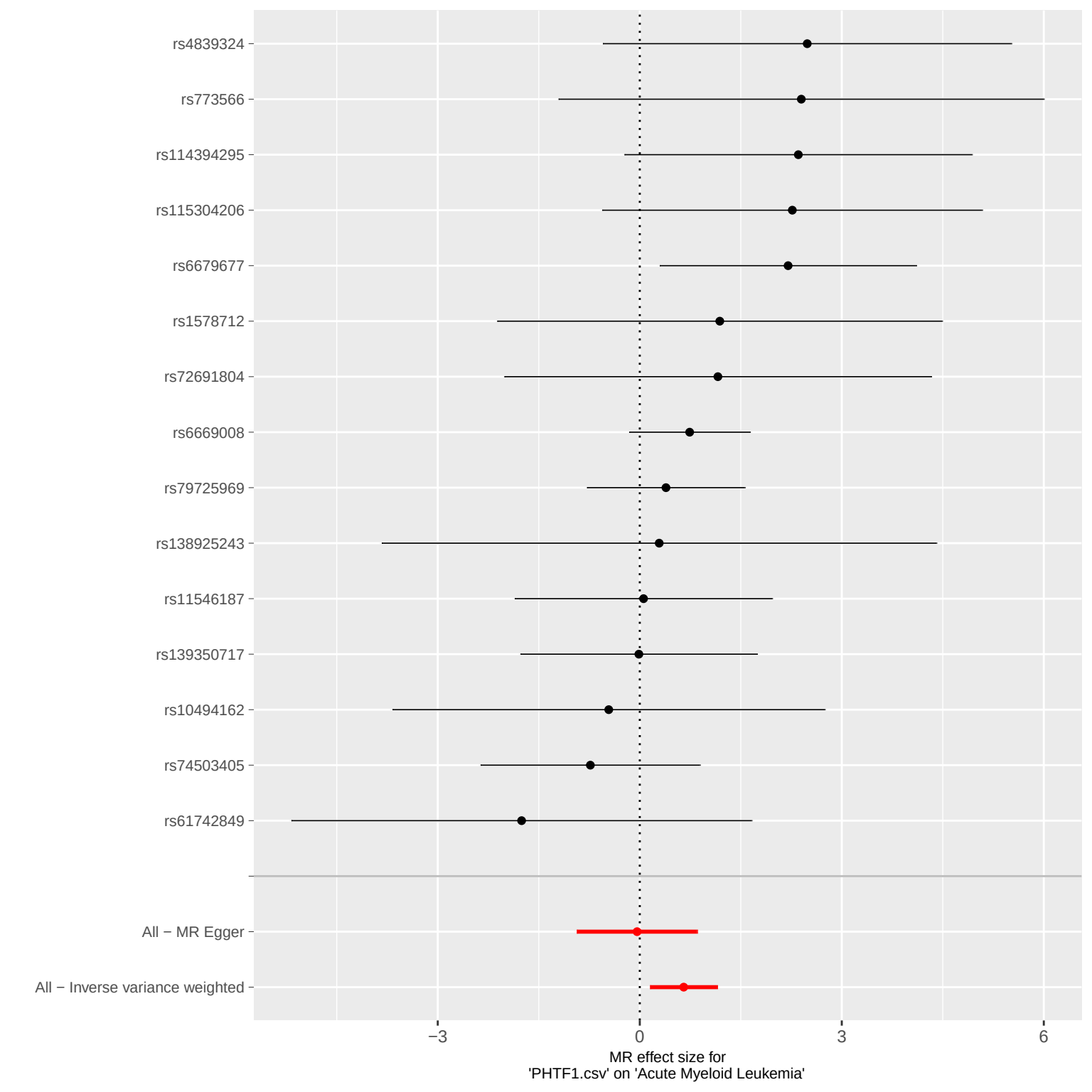
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PHLPP1.csv' on 'Acute Myeloid Leukemia'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rs6669008
rs79725969
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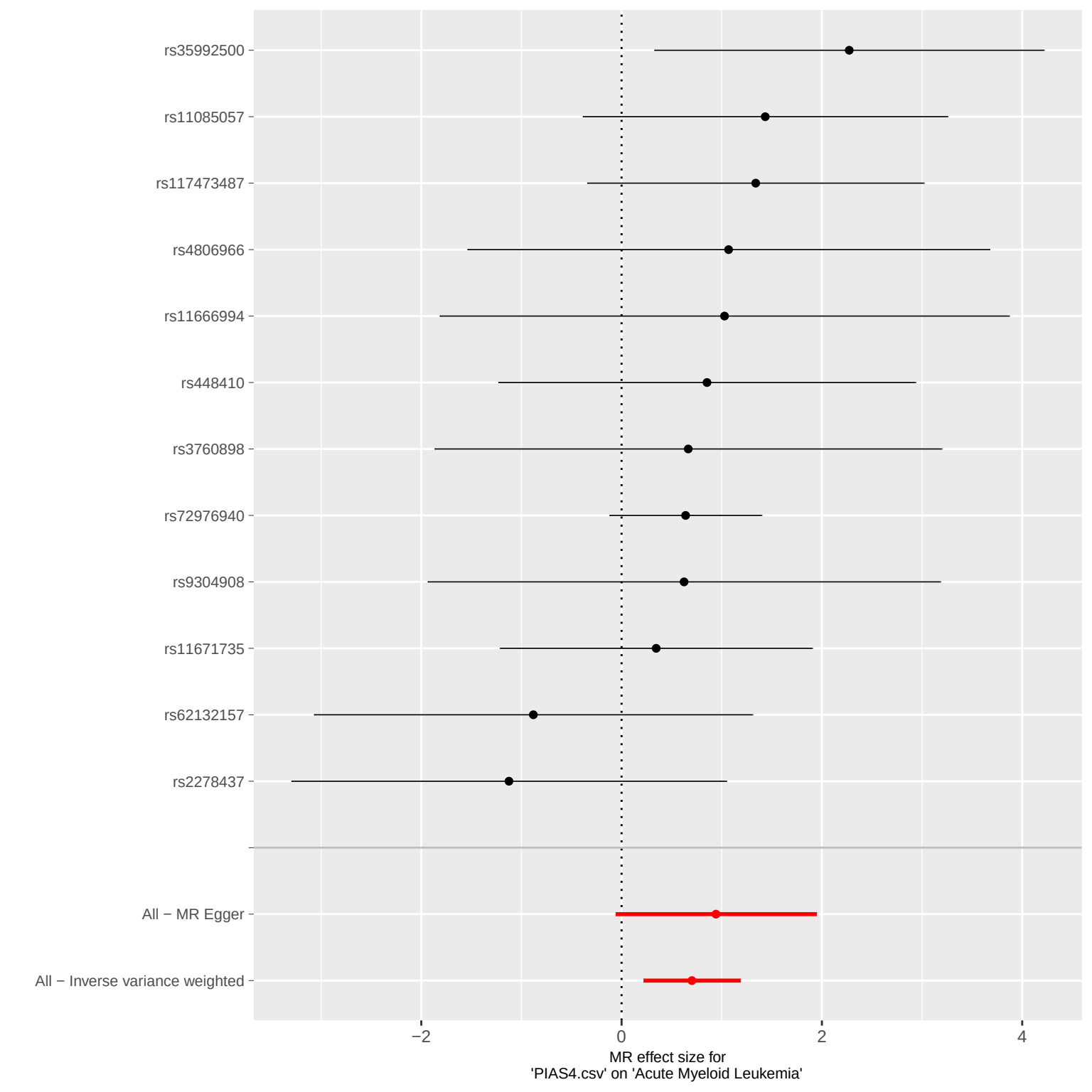
rs11546187
rs139350717
rs10494162
rs74503405
rs61742849
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'PHTF1.csv' on 'Acute Myeloid Leukemia'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rs4806966
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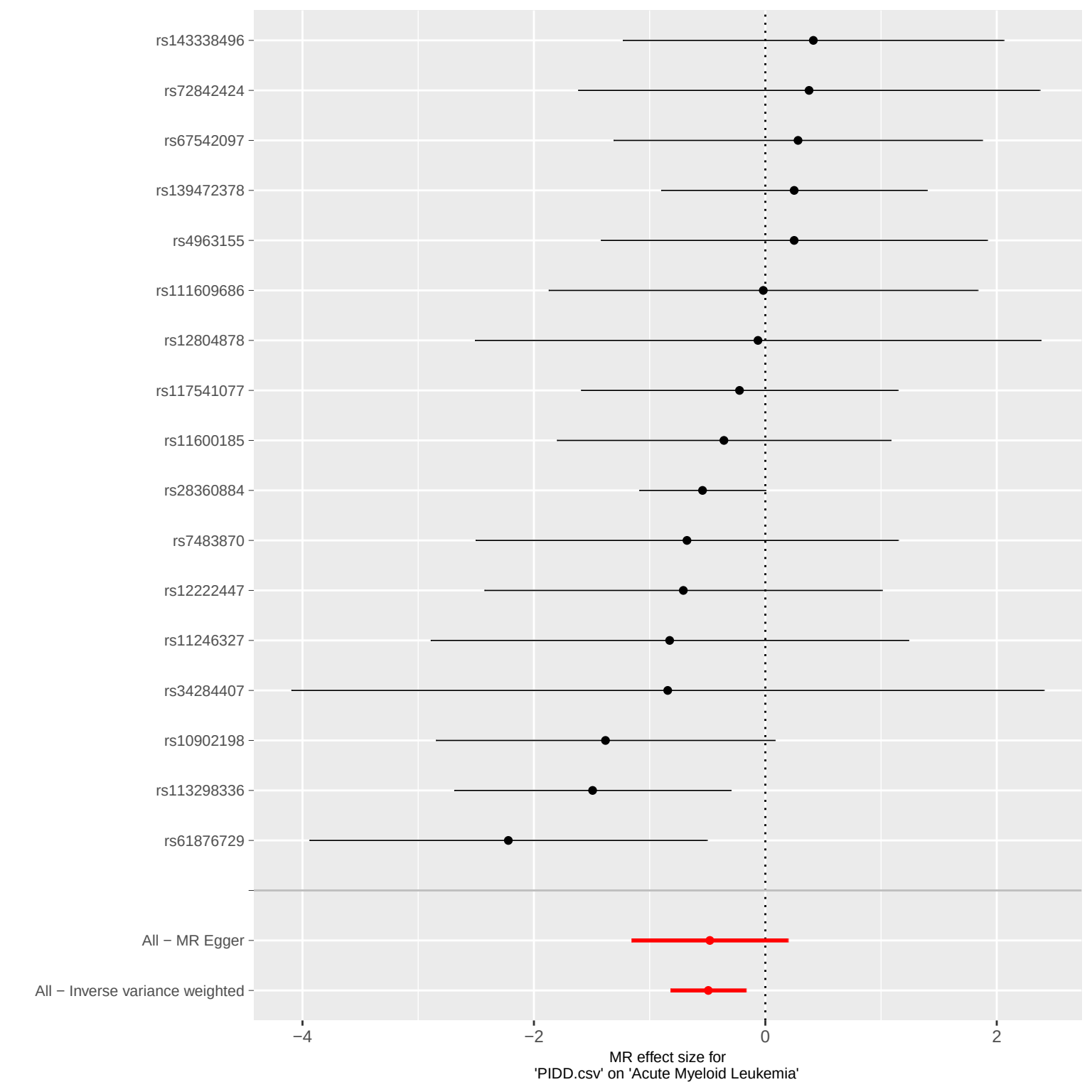
rs448410
rs3760898
rs72976940
rs9304908
rs11671735
rs62132157
rs2278437
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PIAS4.csv' on 'Acute Myeloid Leukemia'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rs4963155
rs111609686
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rs117541077
rs11600185
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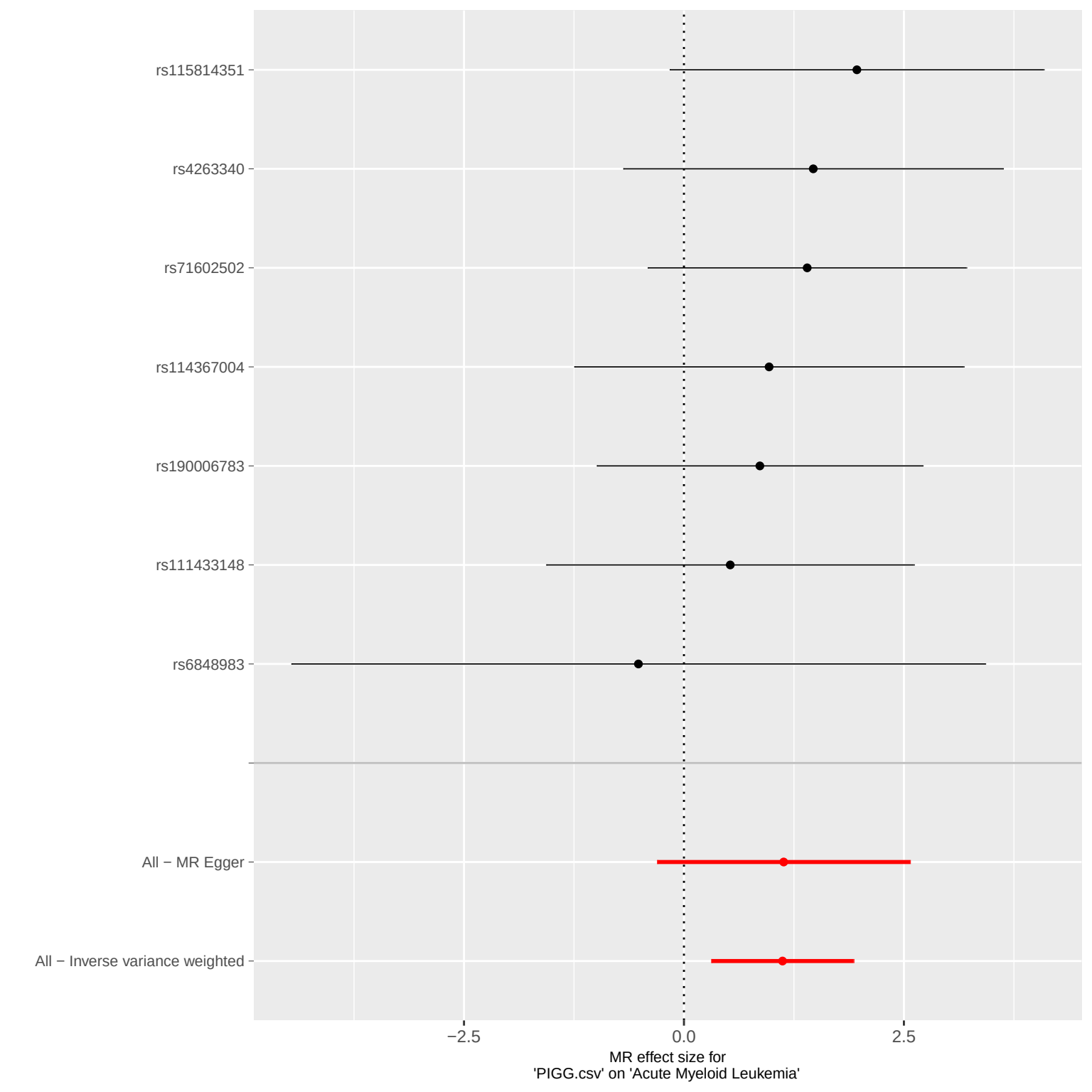
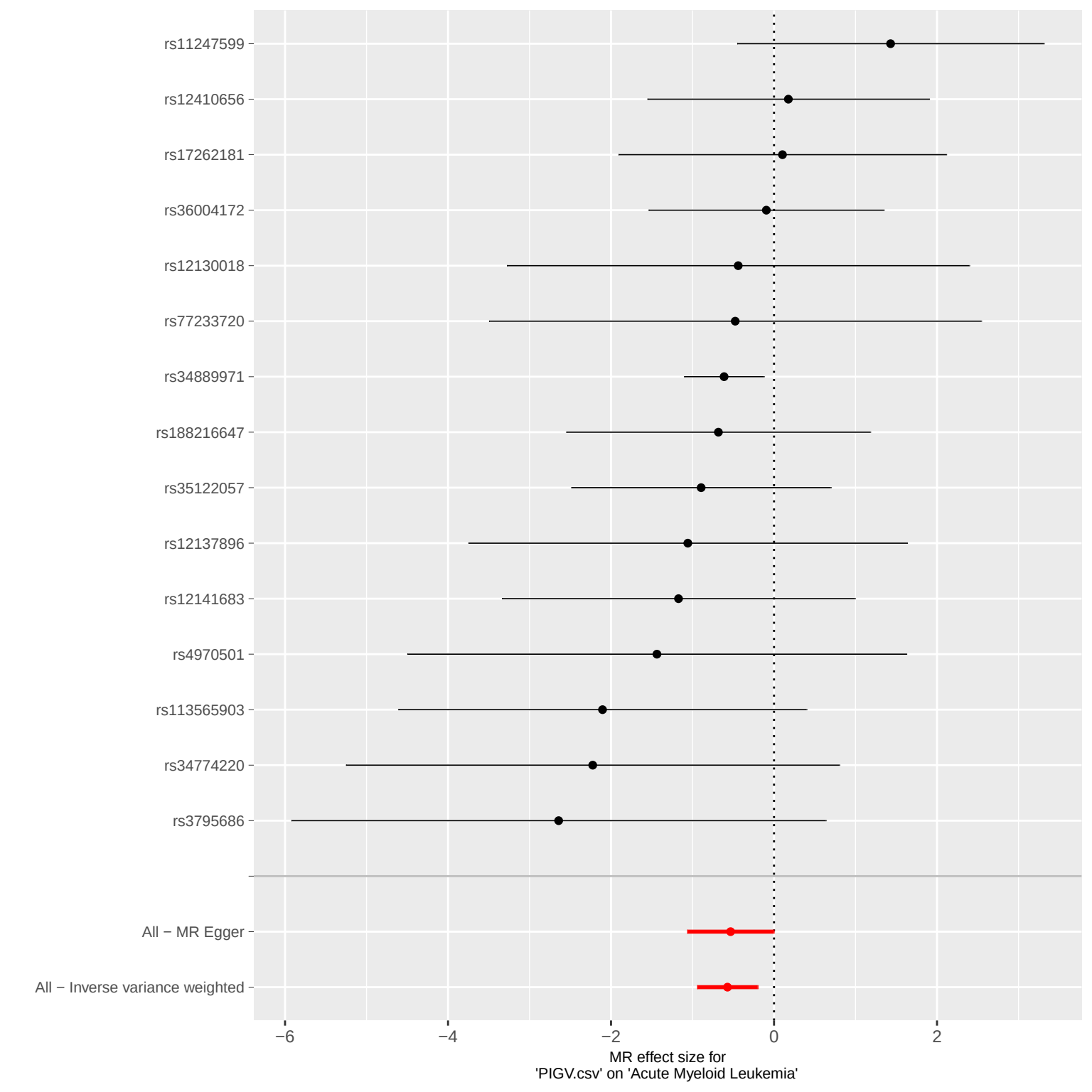
rs7483870
rs12222447
rs11246327
rs34284407
rs10902198
rs113298336
rs61876729
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PIDD.csv' on 'Acute Myeloid Leukemia'


rs115814351
rs4263340
rs71602502
rs114367004
rs190006783
rs111433148
rs6848983
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'PIGG.csv' on 'Acute Myeloid Leukemia'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rs188216647
rs35122057
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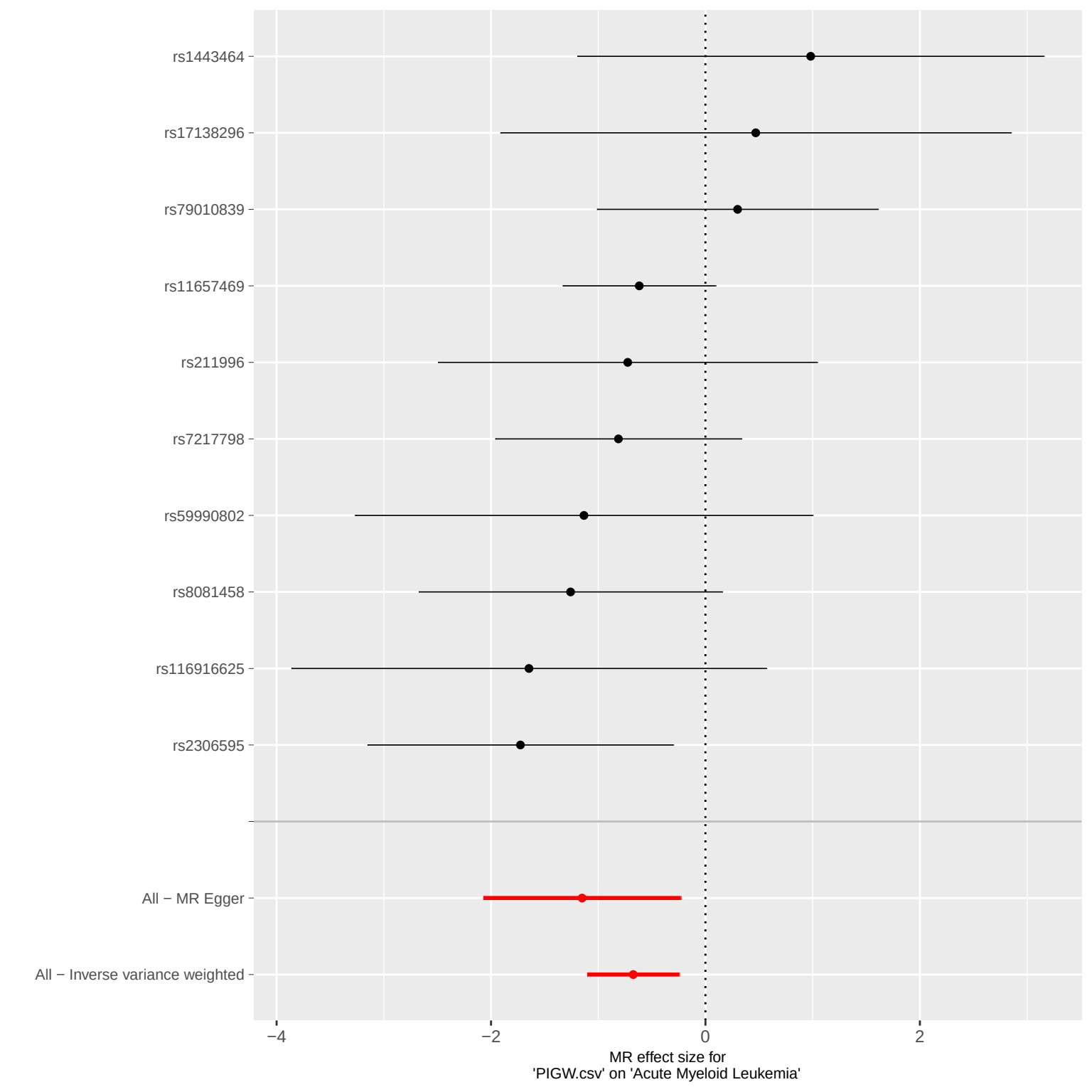
rs12141683
rs4970501
rs113565903
rs34774220
rs3795686
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'PIGV.csv' on 'Acute Myeloid Leukemia'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rs7217798
rs59990802
rs8081458
rs116916625
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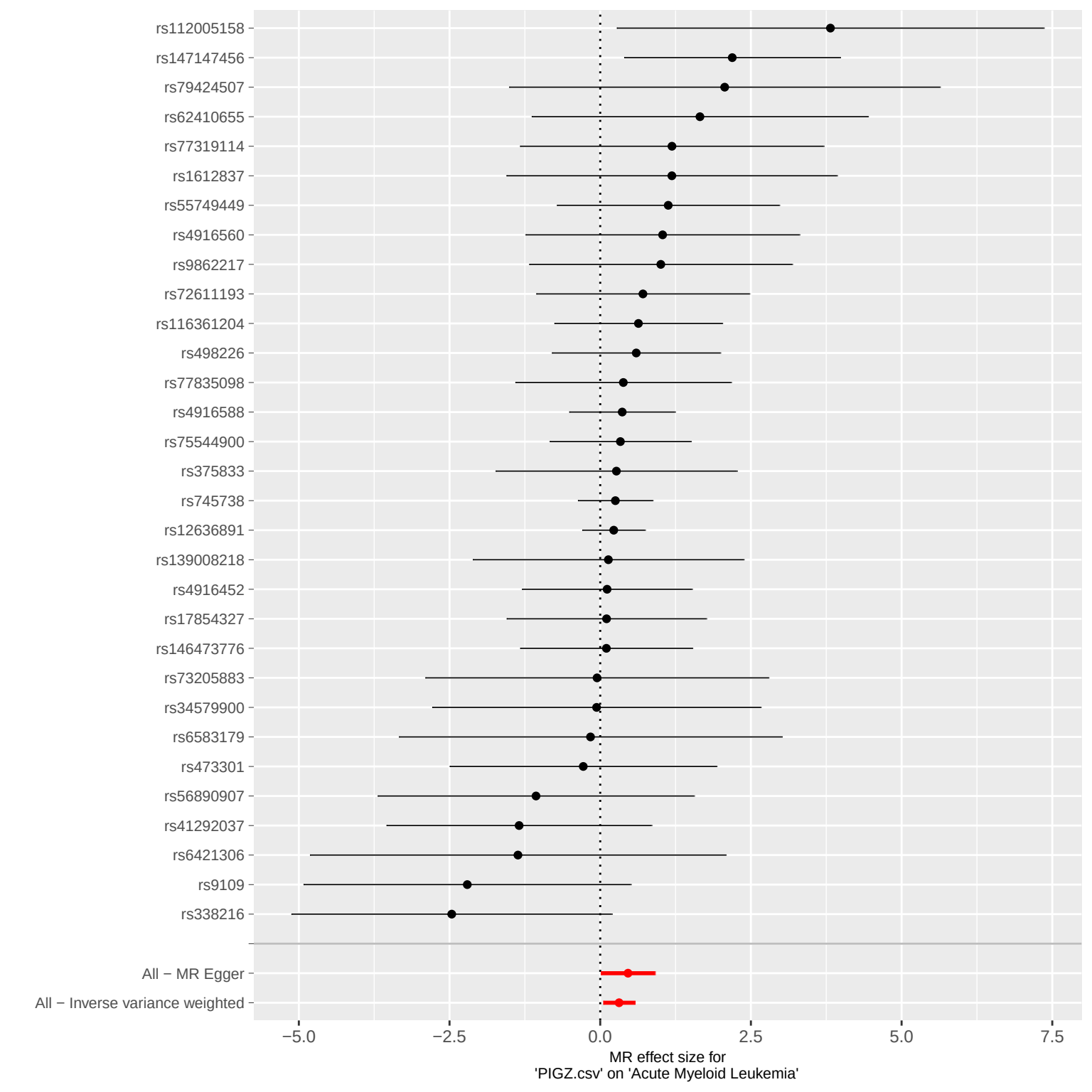
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PIGW.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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5.0
7.5
MR effect size for
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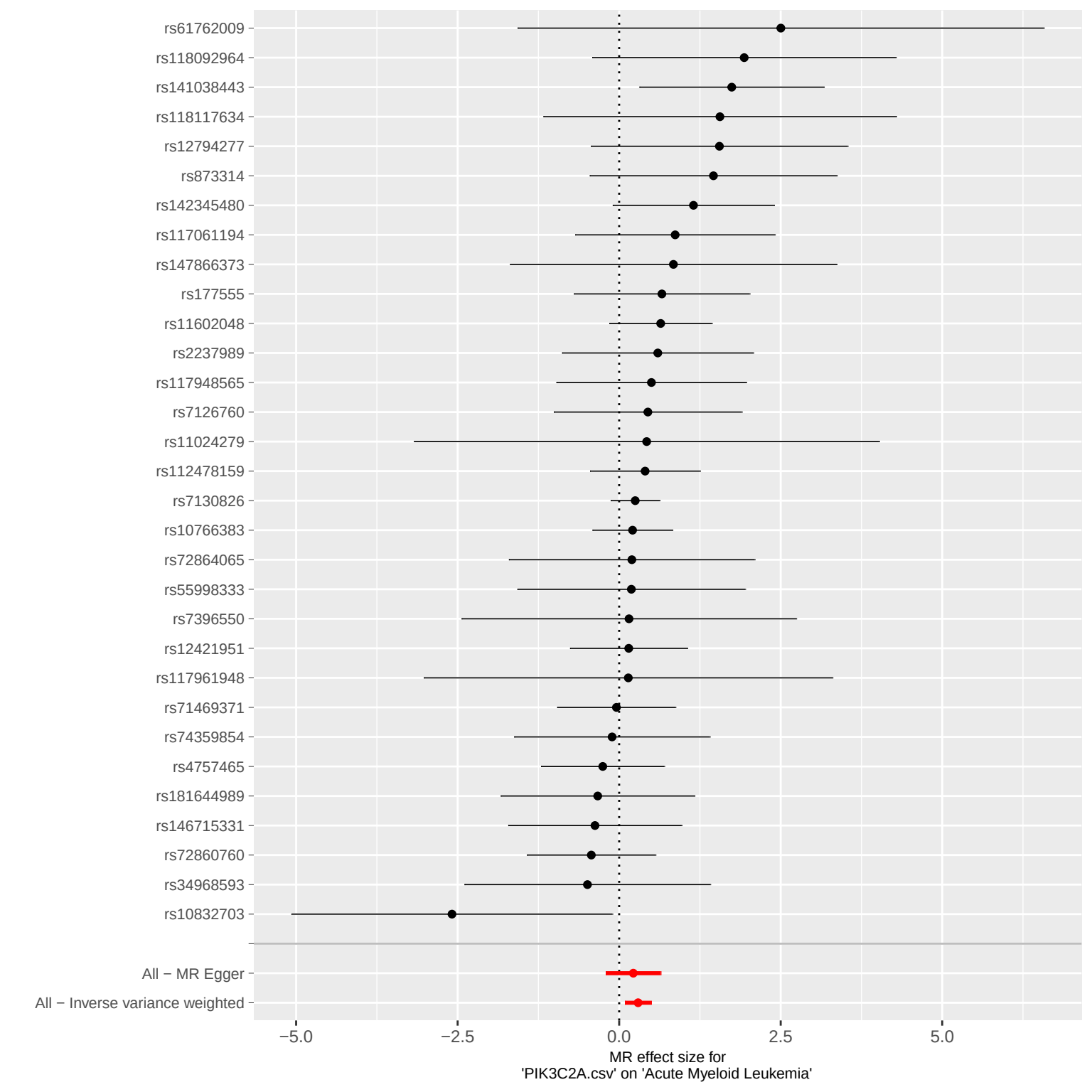
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All − MR Egger
All − Inverse variance weighted
−5.0
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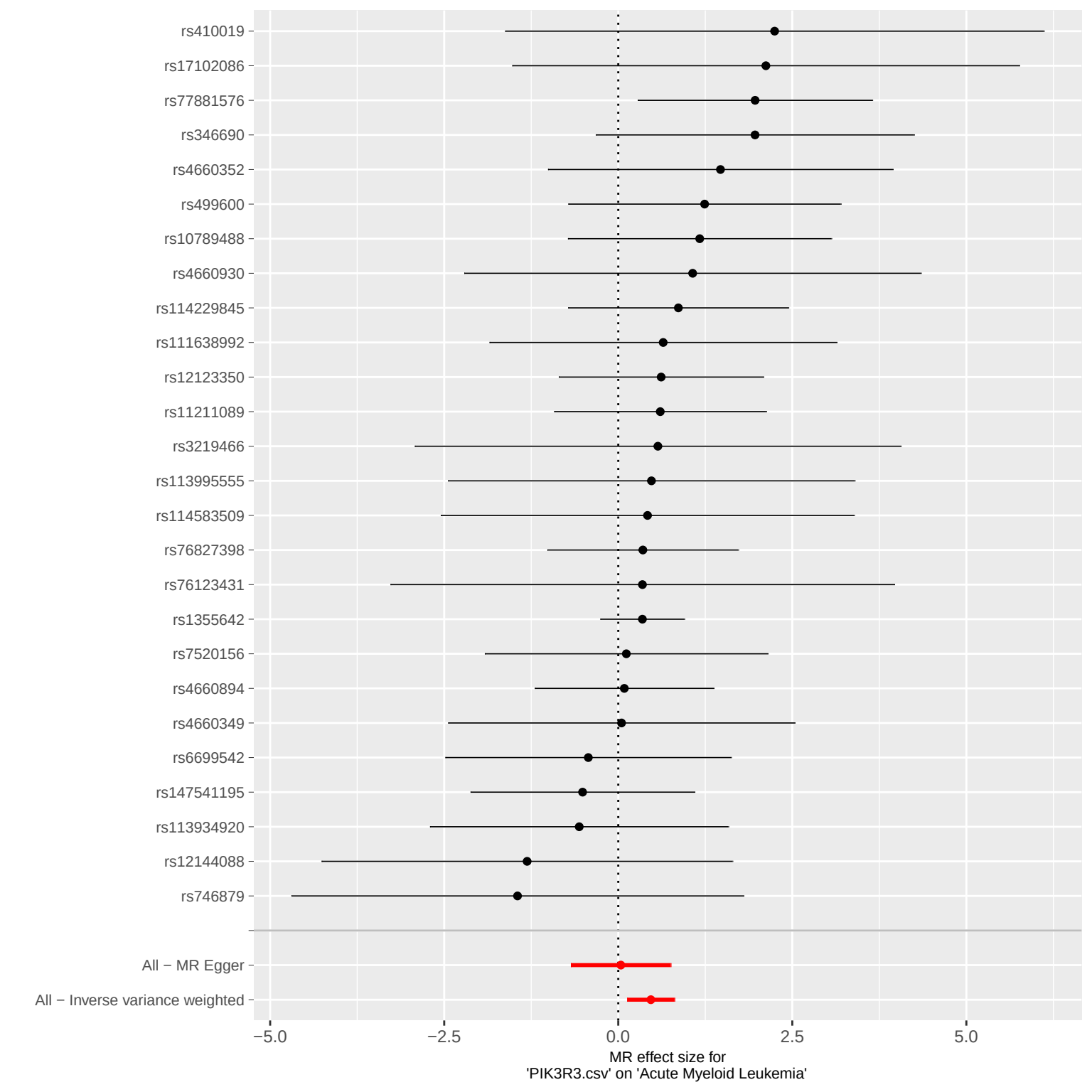
5.0
MR effect size for
'PIK3C2A.csv' on 'Acute Myeloid Leukemia'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rs76123431
rs1355642
rs7520156
rs4660894
rs4660349
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rs113934920
rs12144088
rs746879
All − MR Egger
All − Inverse variance weighted
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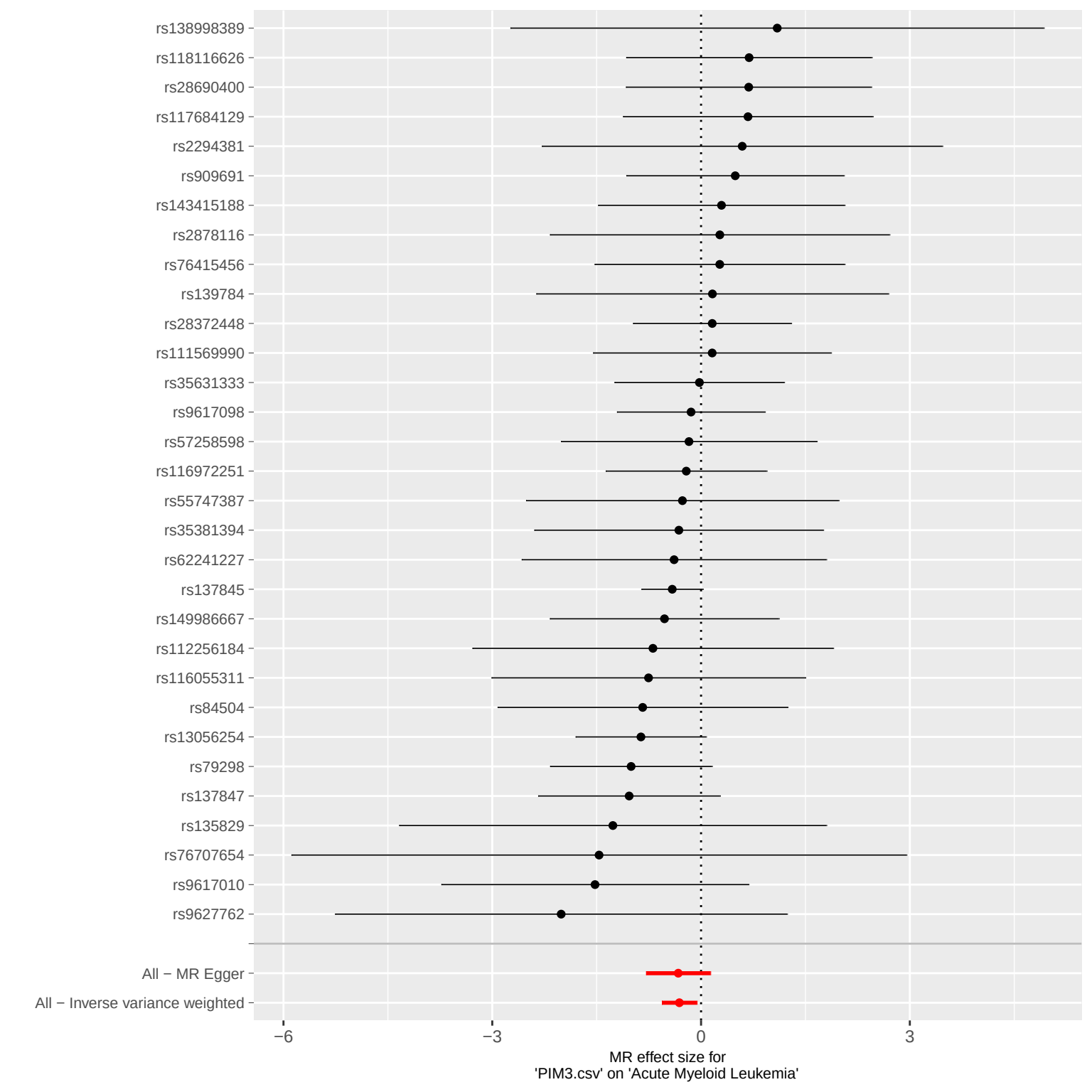
−2.5
0.0
2.5
5.0
MR effect size for
'PIK3R3.csv' on 'Acute Myeloid Leukemia'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rs112256184
rs116055311
rs84504
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rs79298
rs137847
rs135829
rs76707654
rs9617010
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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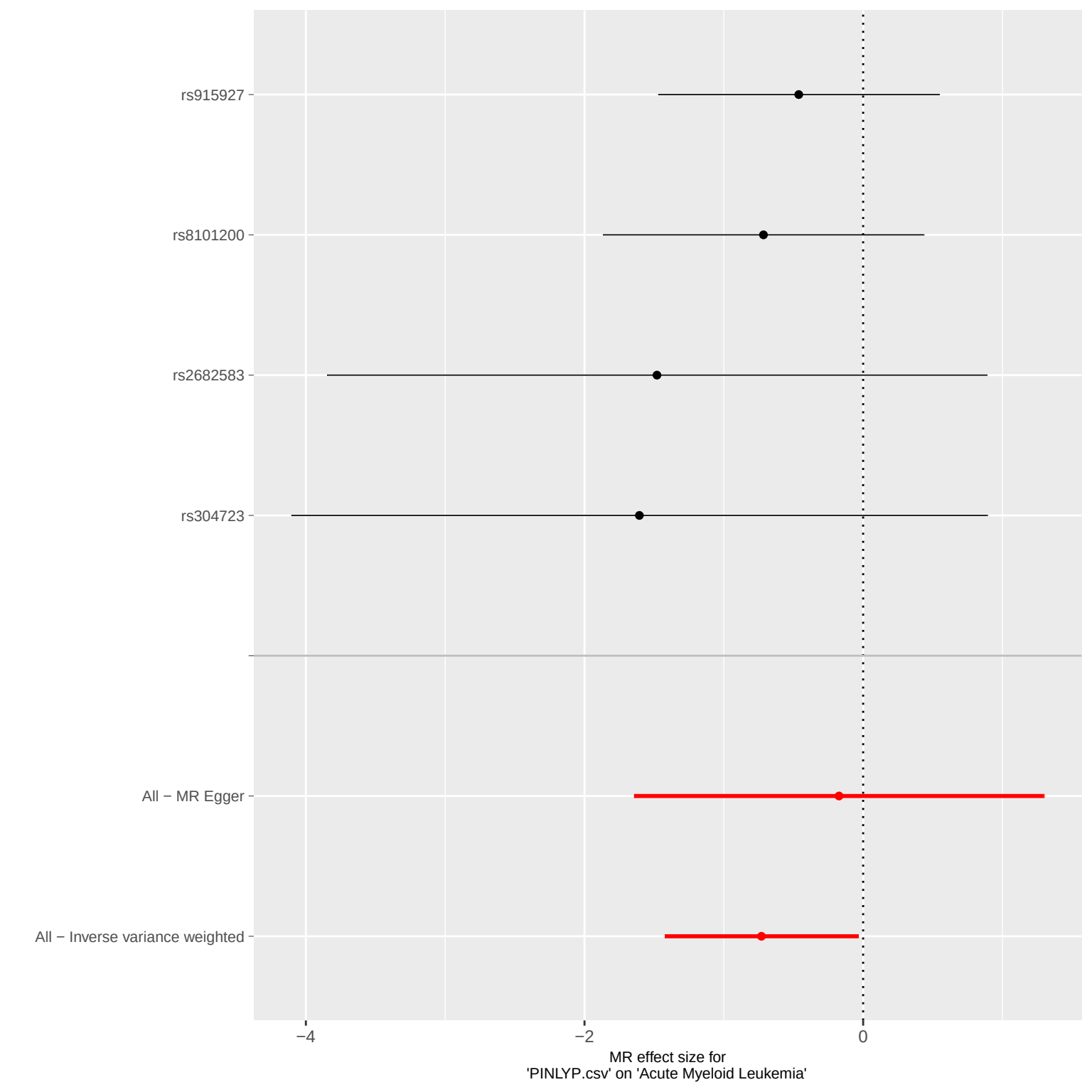
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All − Inverse variance weighted
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MR effect size for
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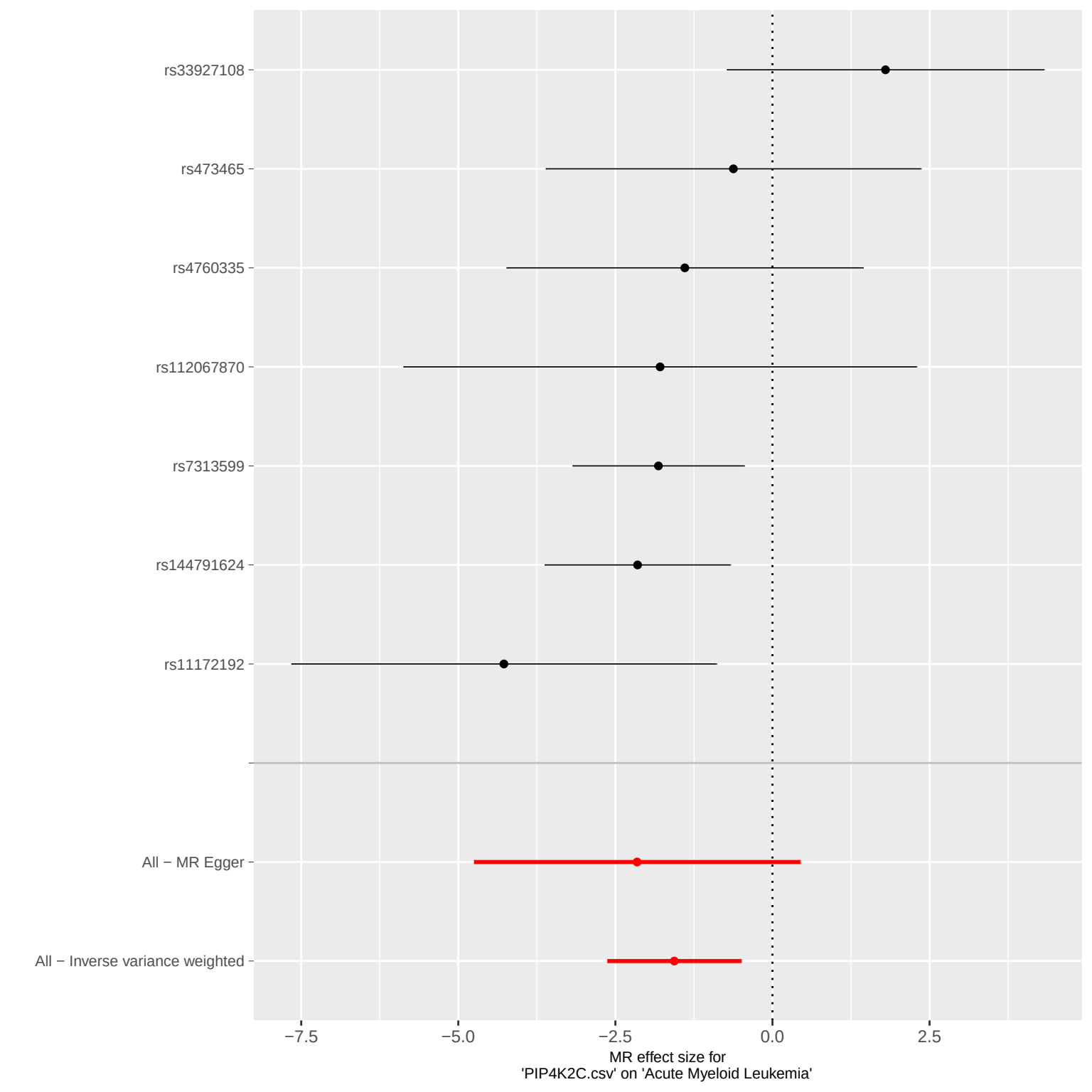
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All − MR Egger
All − Inverse variance weighted
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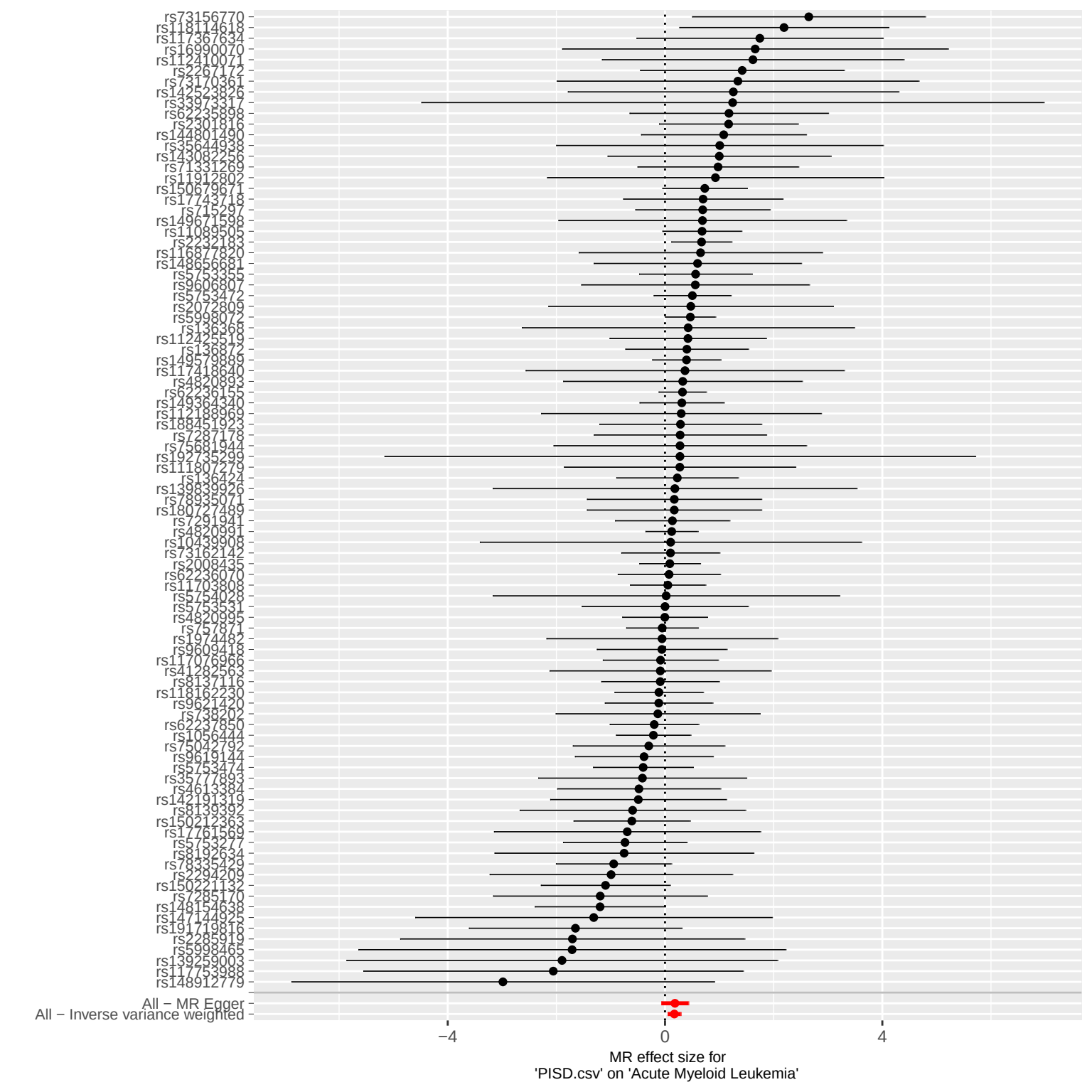
2.5
MR effect size for
'PIP4K2C.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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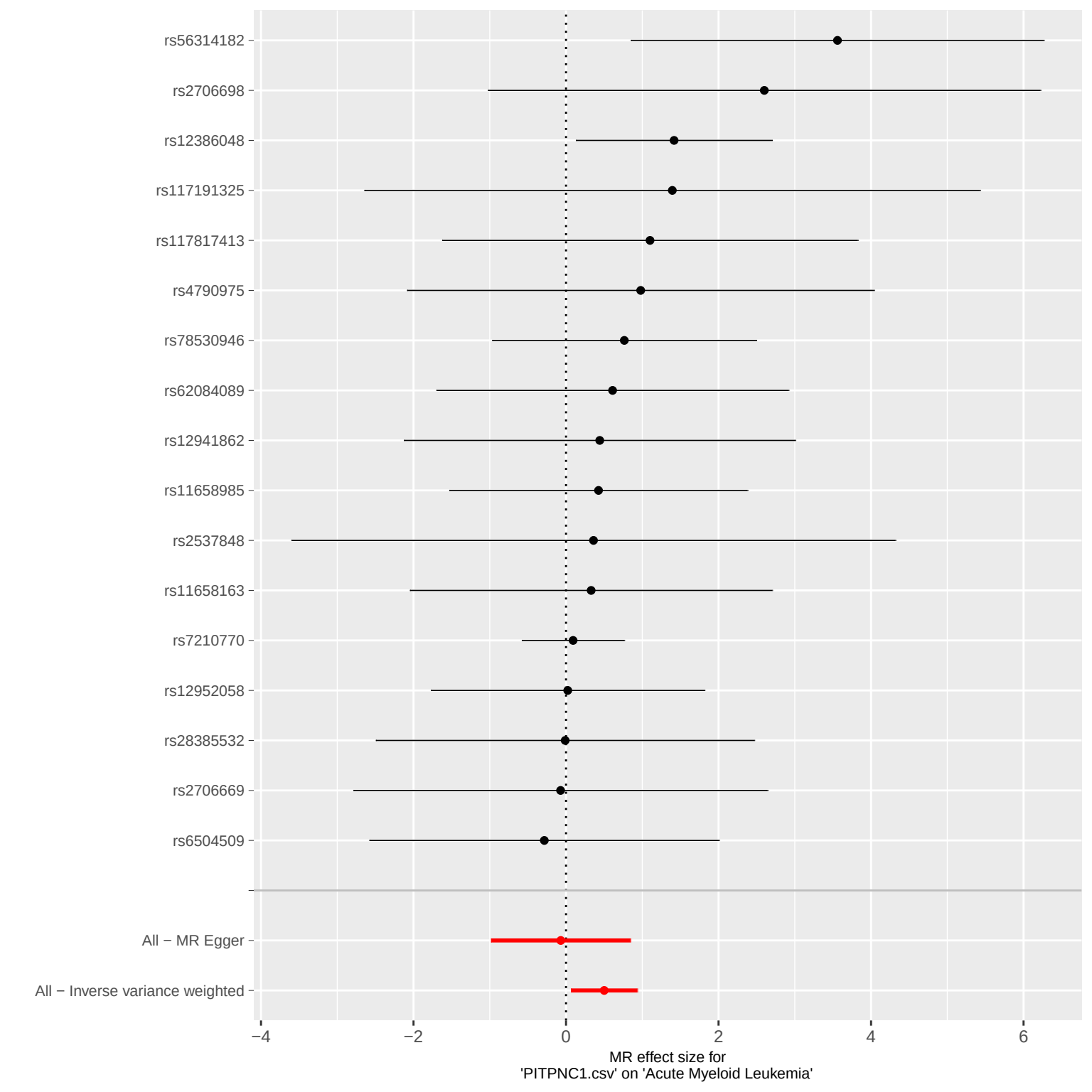
4
MR effect size for
'PISD.csv' on 'Acute Myeloid Leukemia'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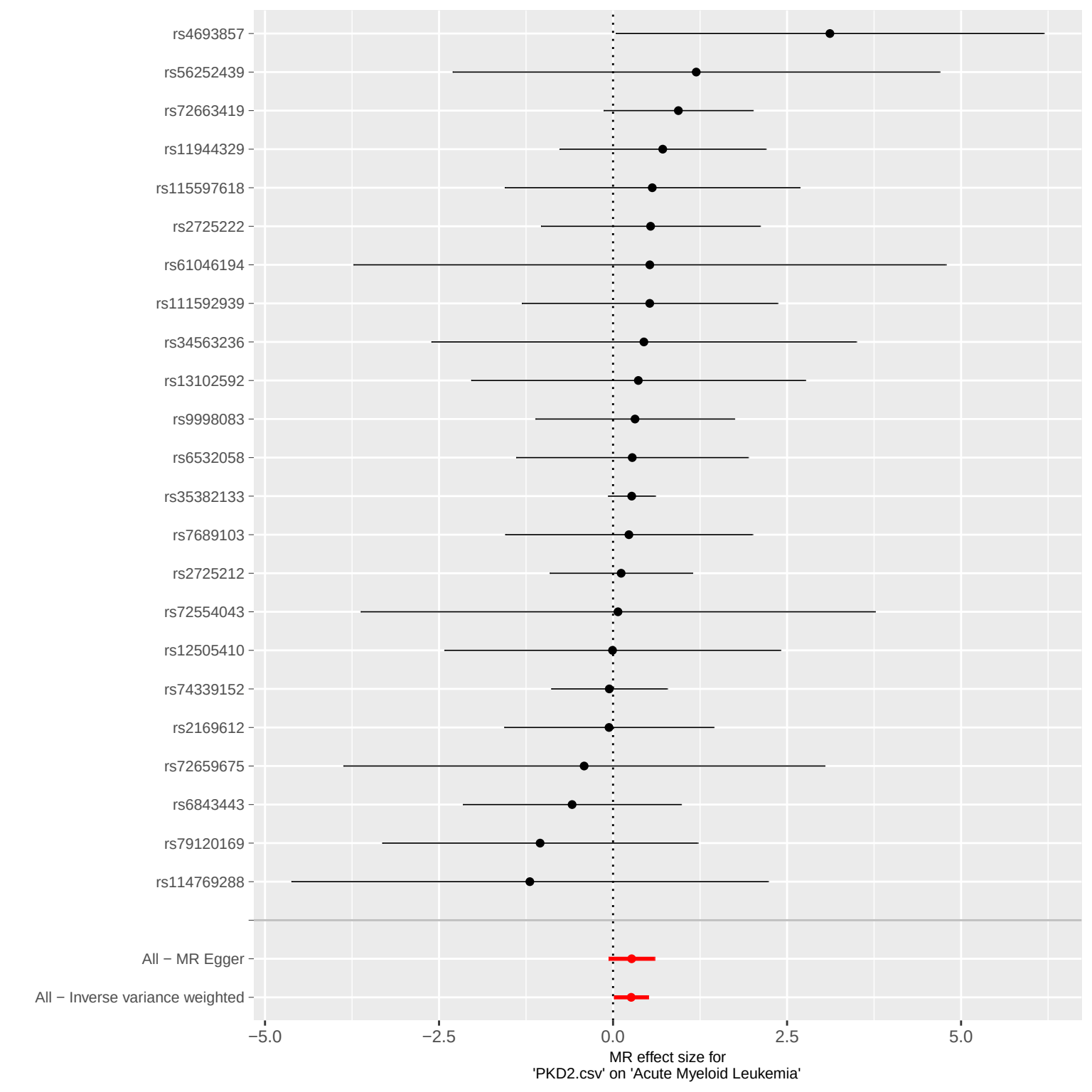
rs11658163
rs7210770
rs12952058
rs28385532
rs2706669
rs6504509
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'PITPNC1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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2.5
5.0
MR effect size for
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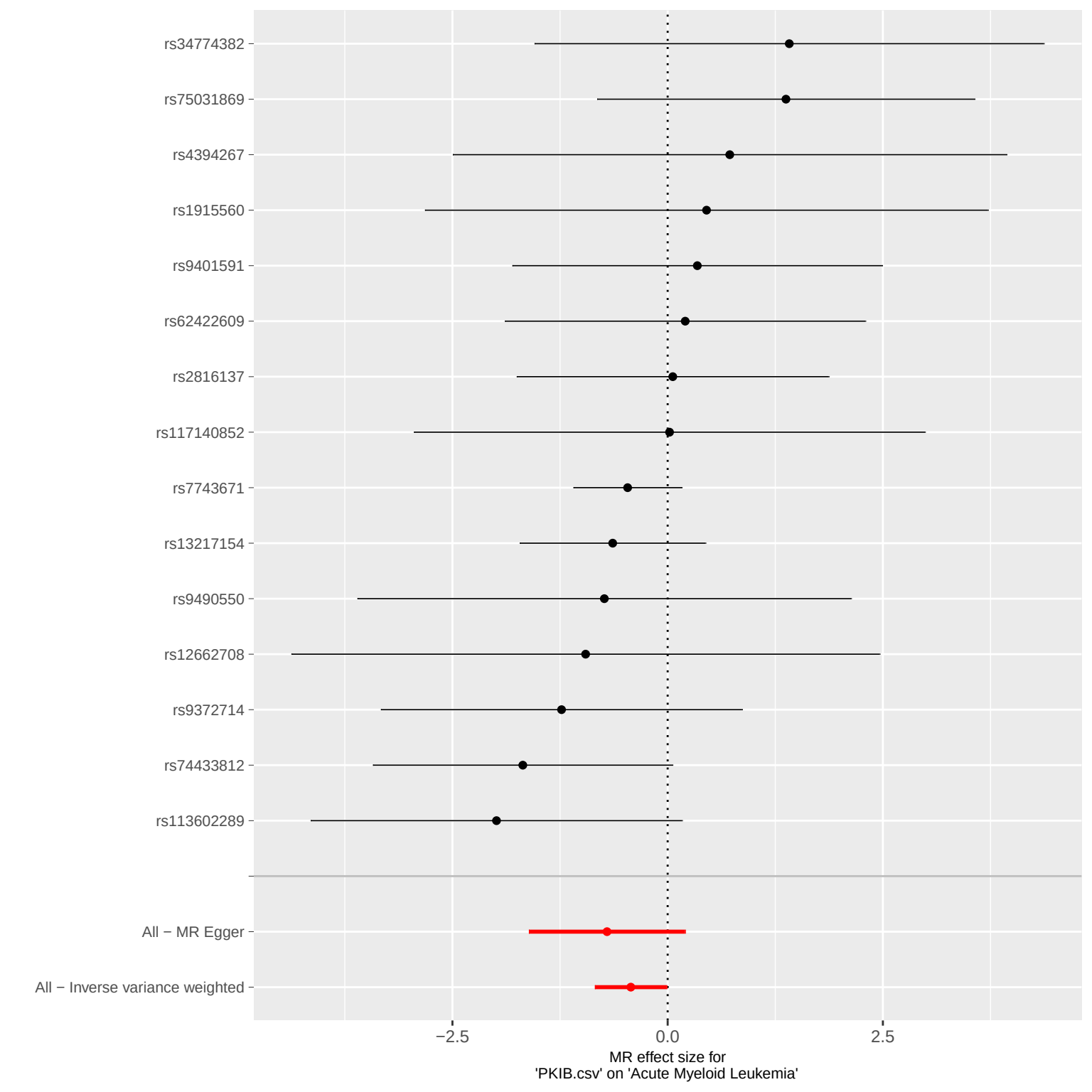
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All − MR Egger
All − Inverse variance weighted
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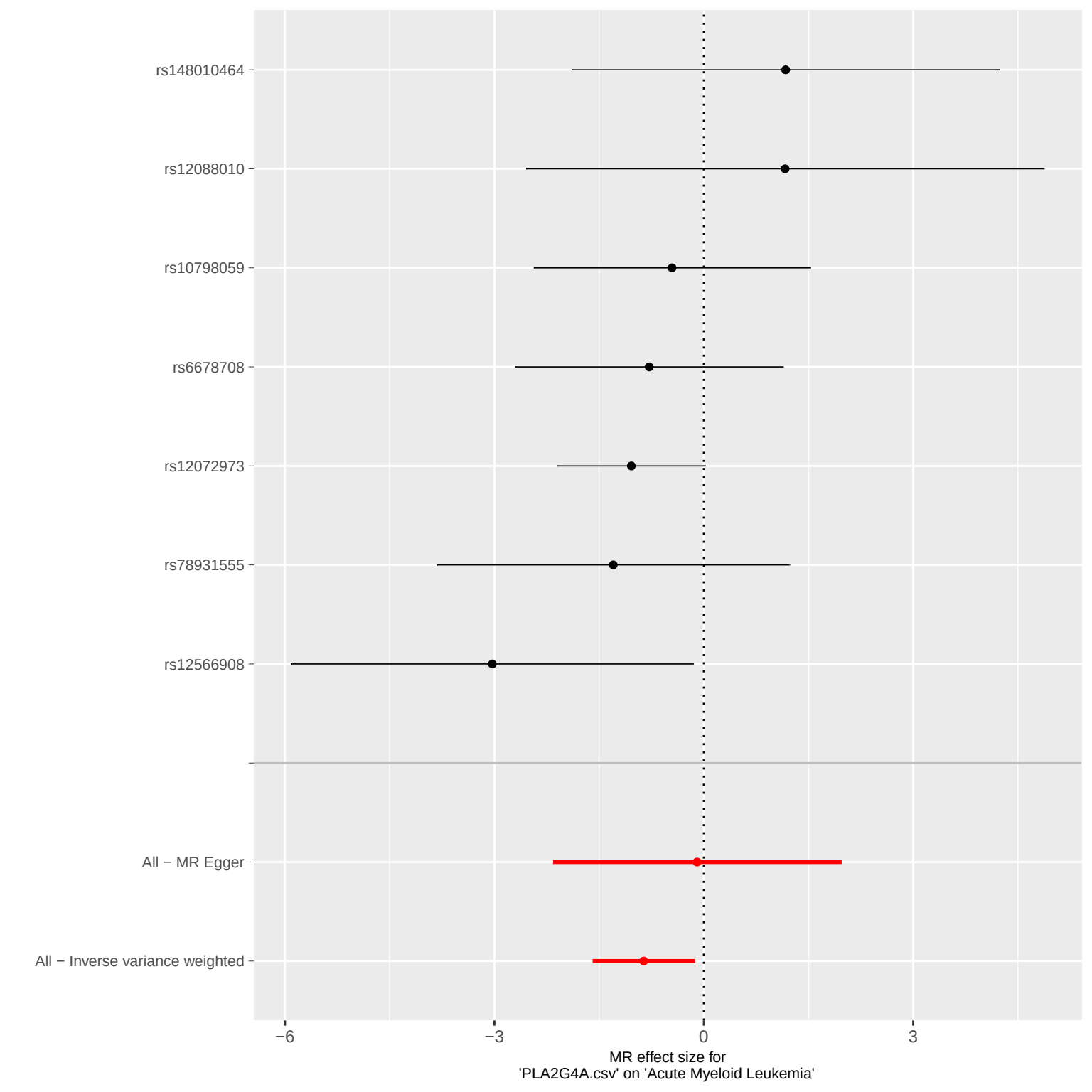
2.5
MR effect size for
'PKIB.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−3
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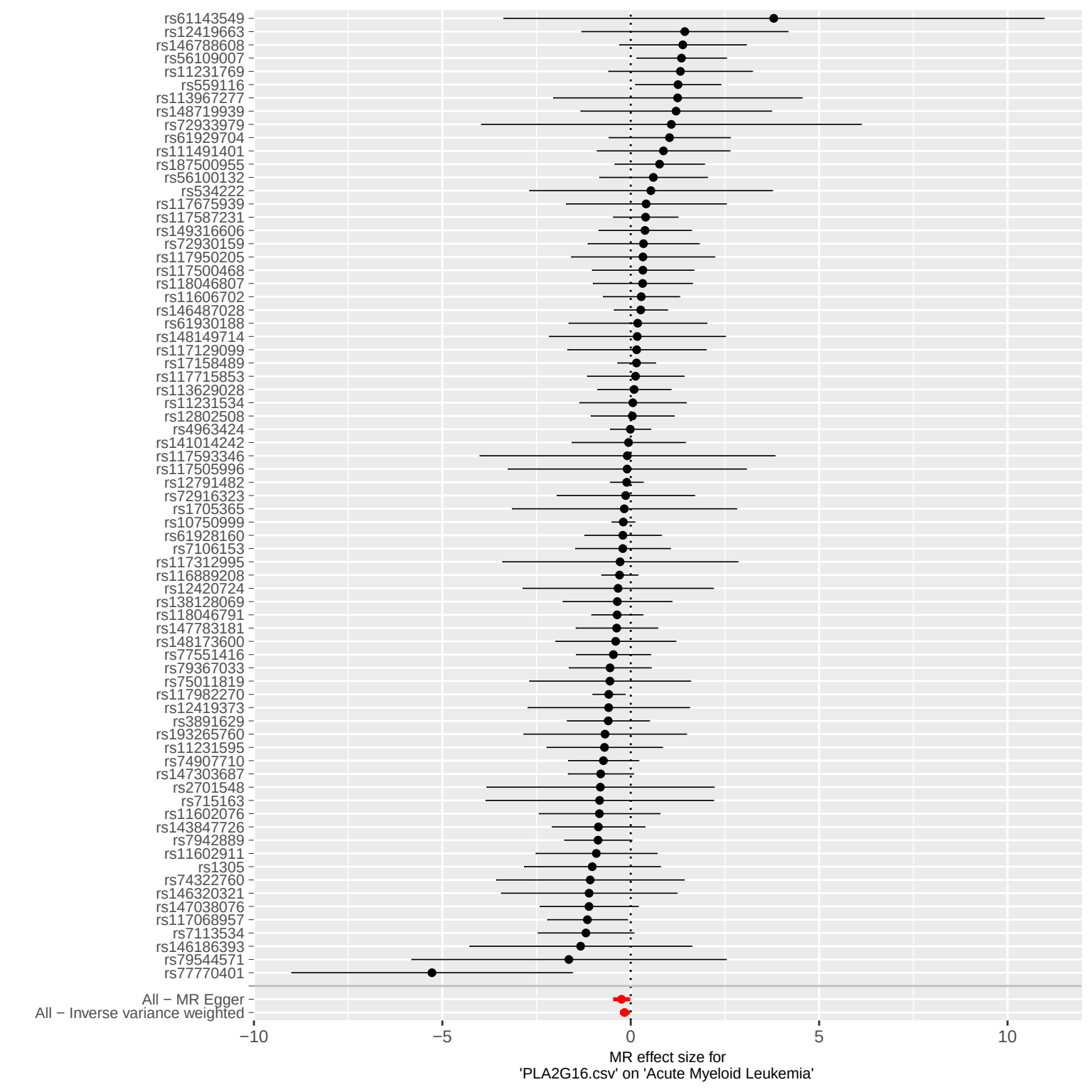
MR effect size for
'PLA2G4A.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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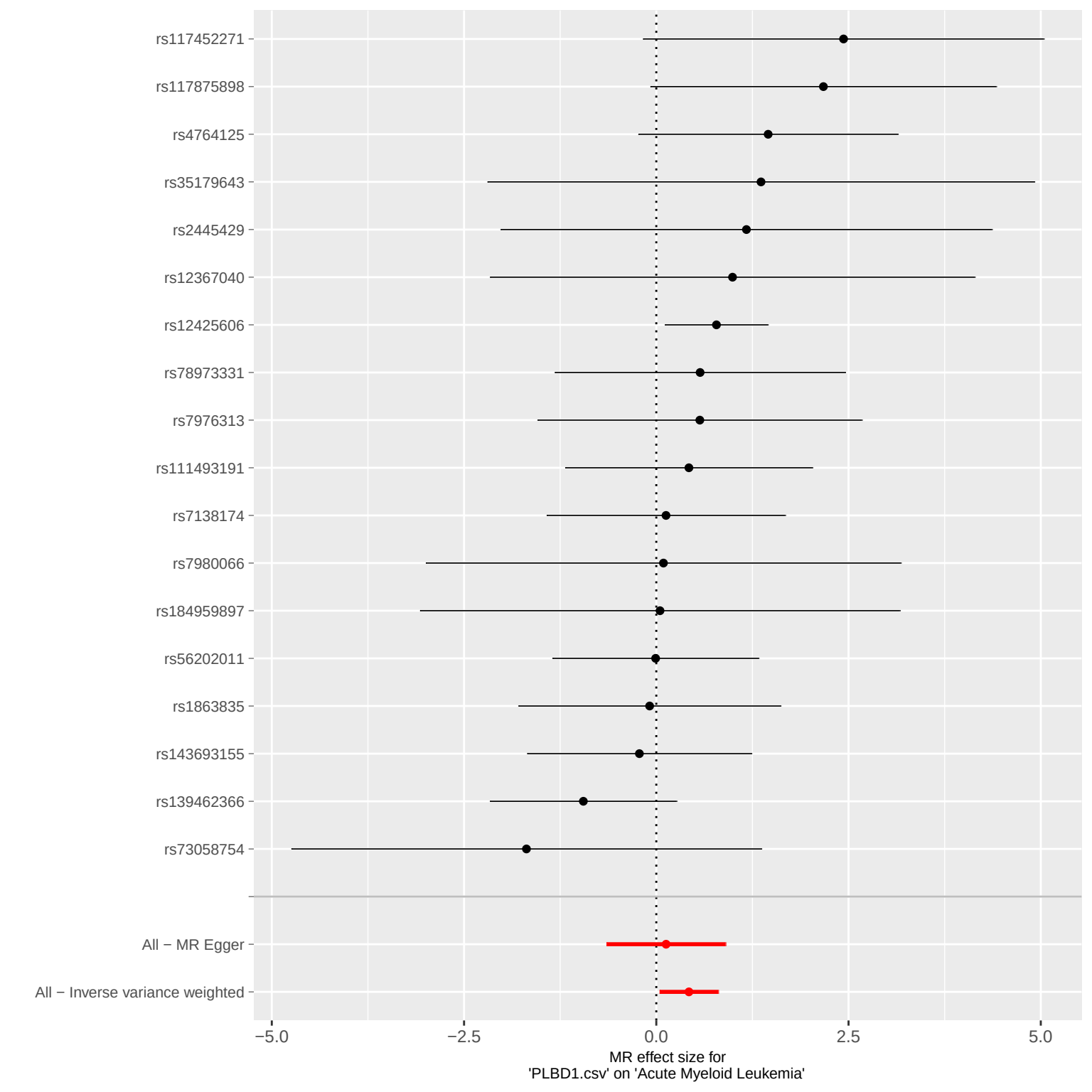
MR effect size for
'PLA2G16.csv' on 'Acute Myeloid Leukemia'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rs1863835
rs143693155
rs139462366
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All − MR Egger
All − Inverse variance weighted
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−2.5
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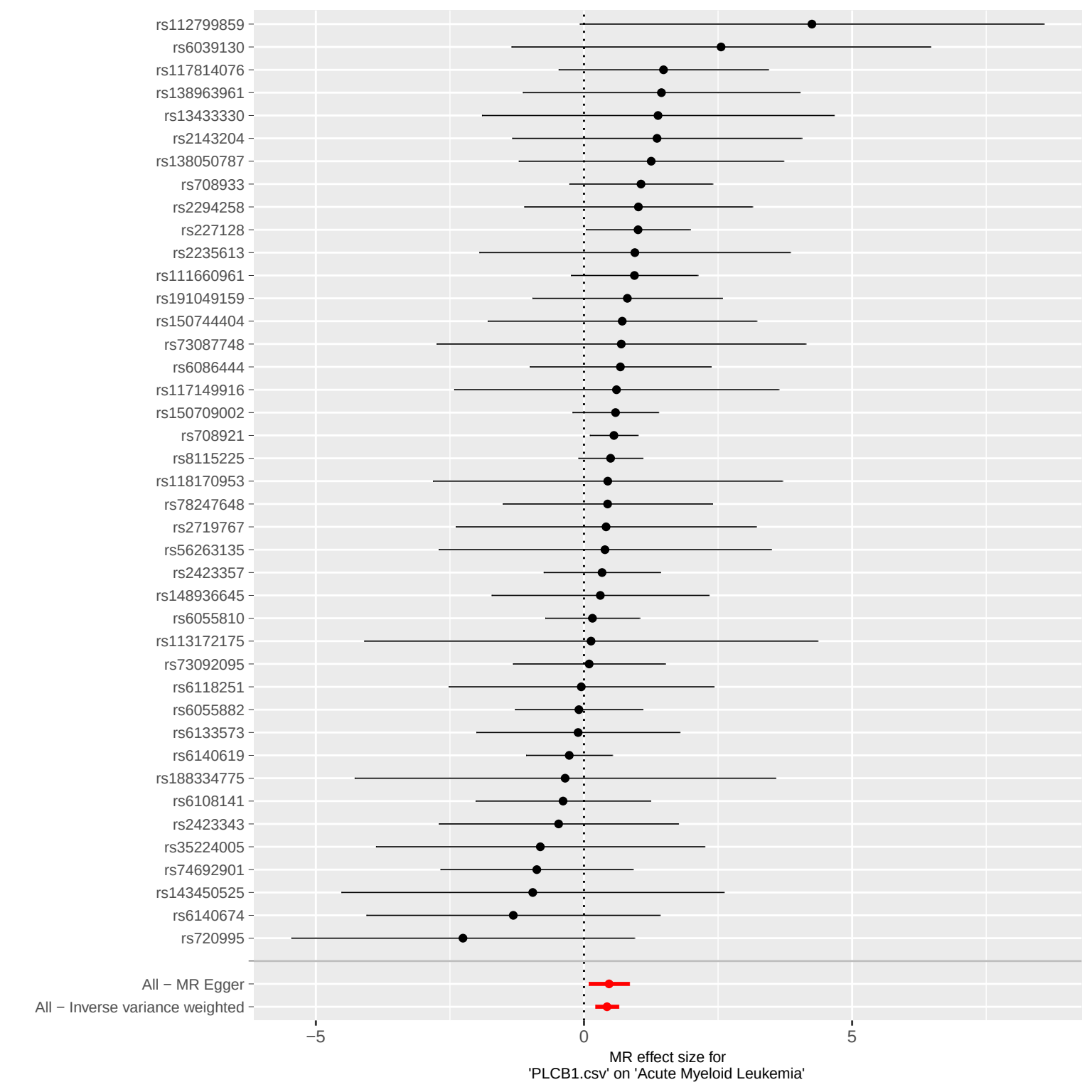
2.5
5.0
MR effect size for
'PLBD1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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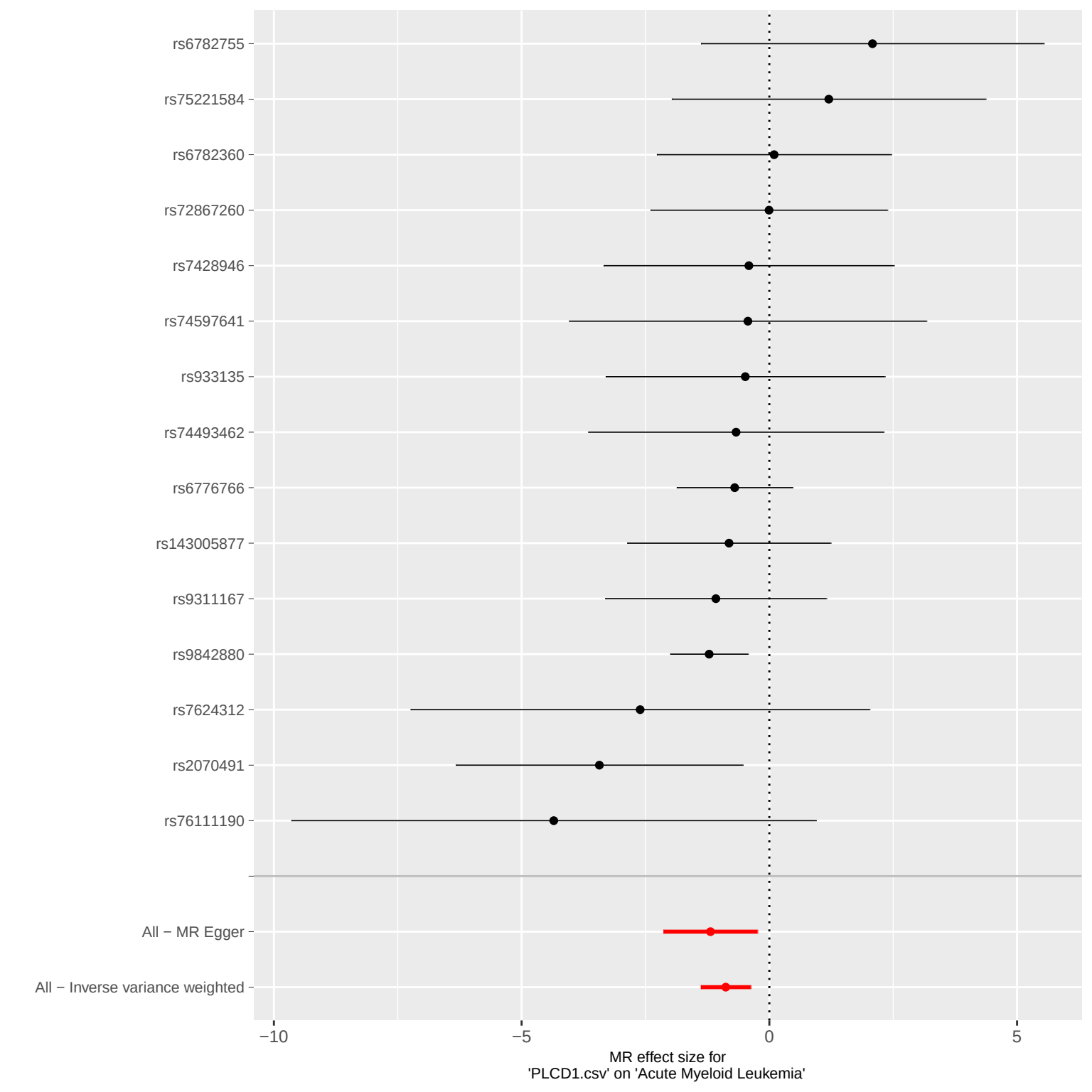
MR effect size for
'PLCB1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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5
MR effect size for
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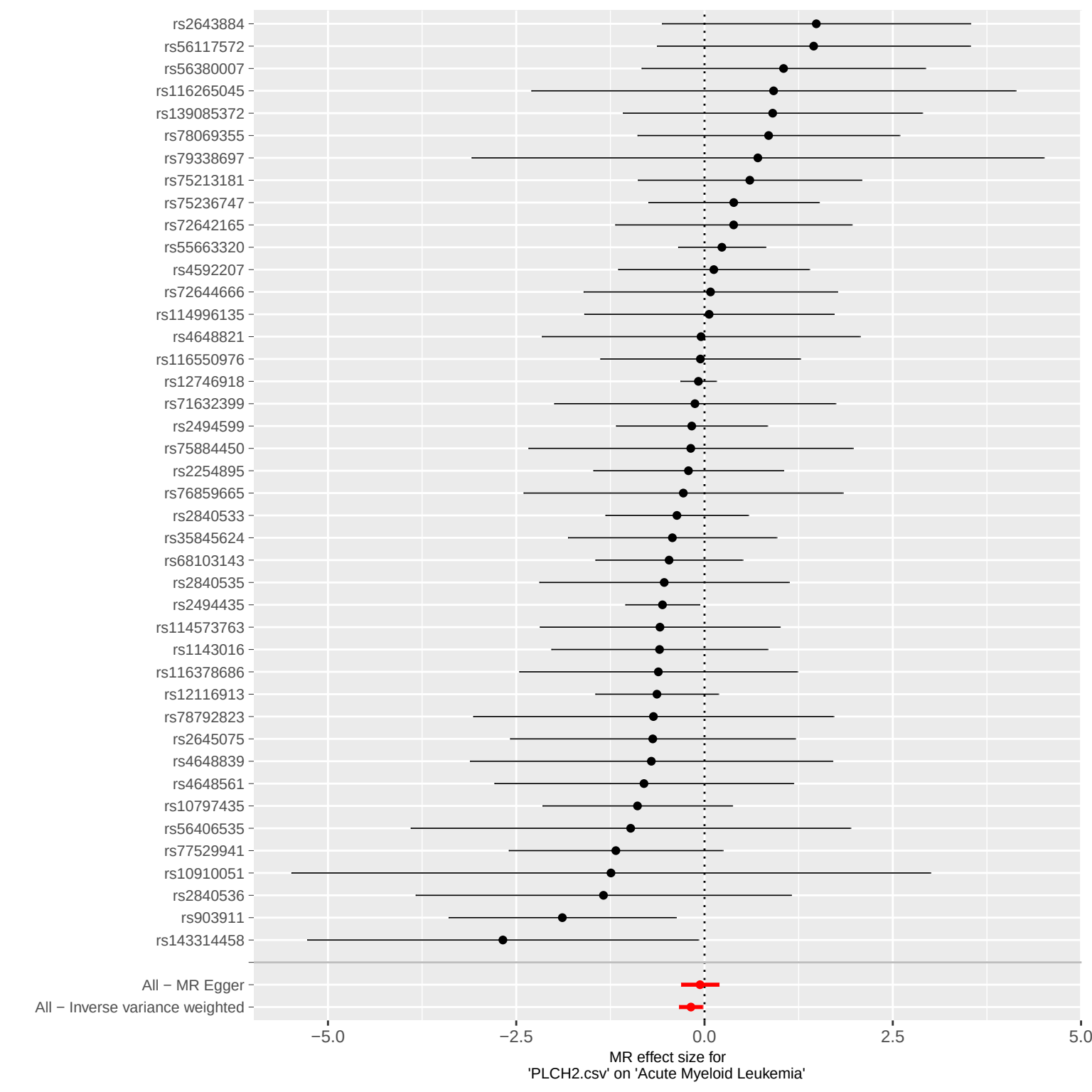
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All − MR Egger
All − Inverse variance weighted
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−2.5
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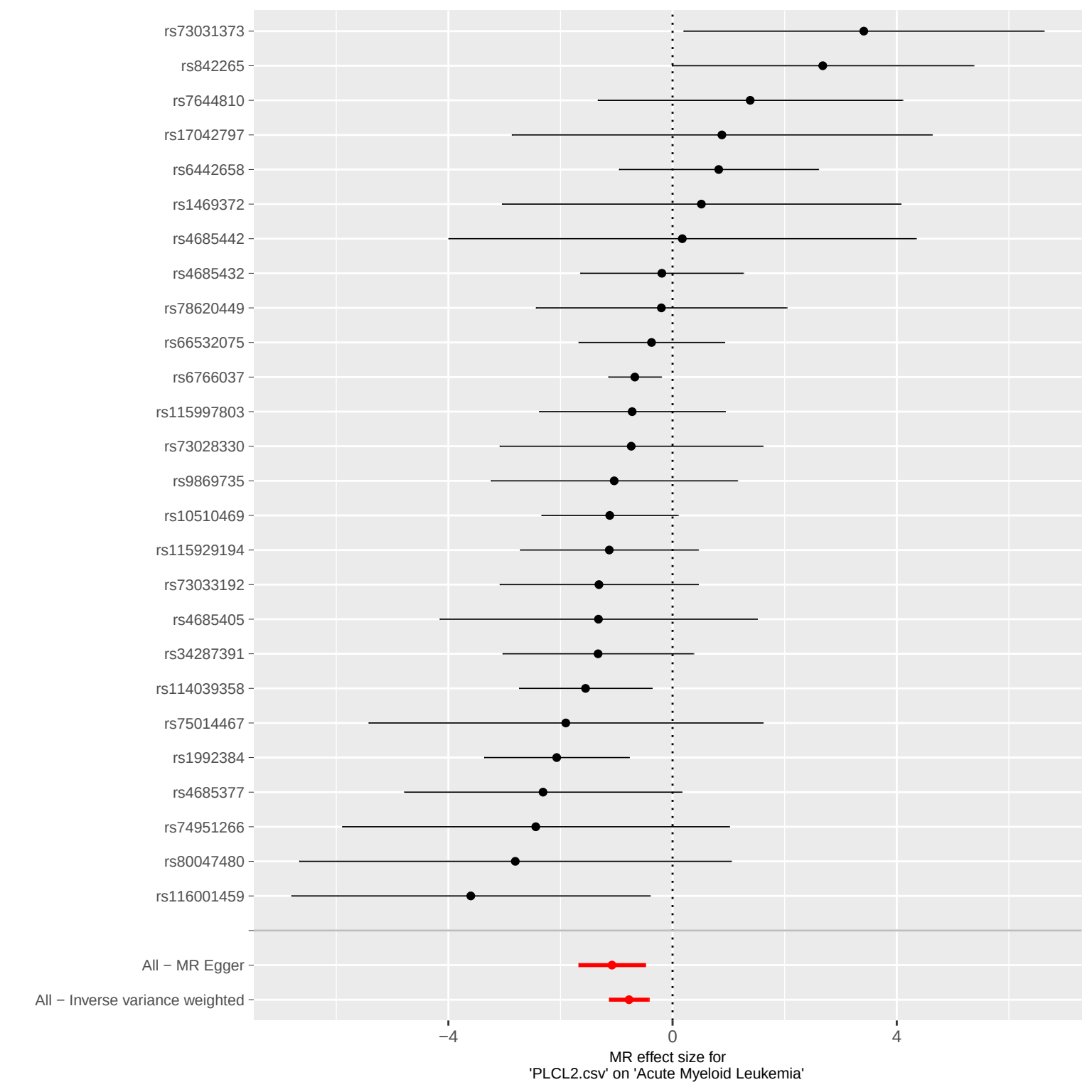
2.5
5.0
MR effect size for
'PLCH2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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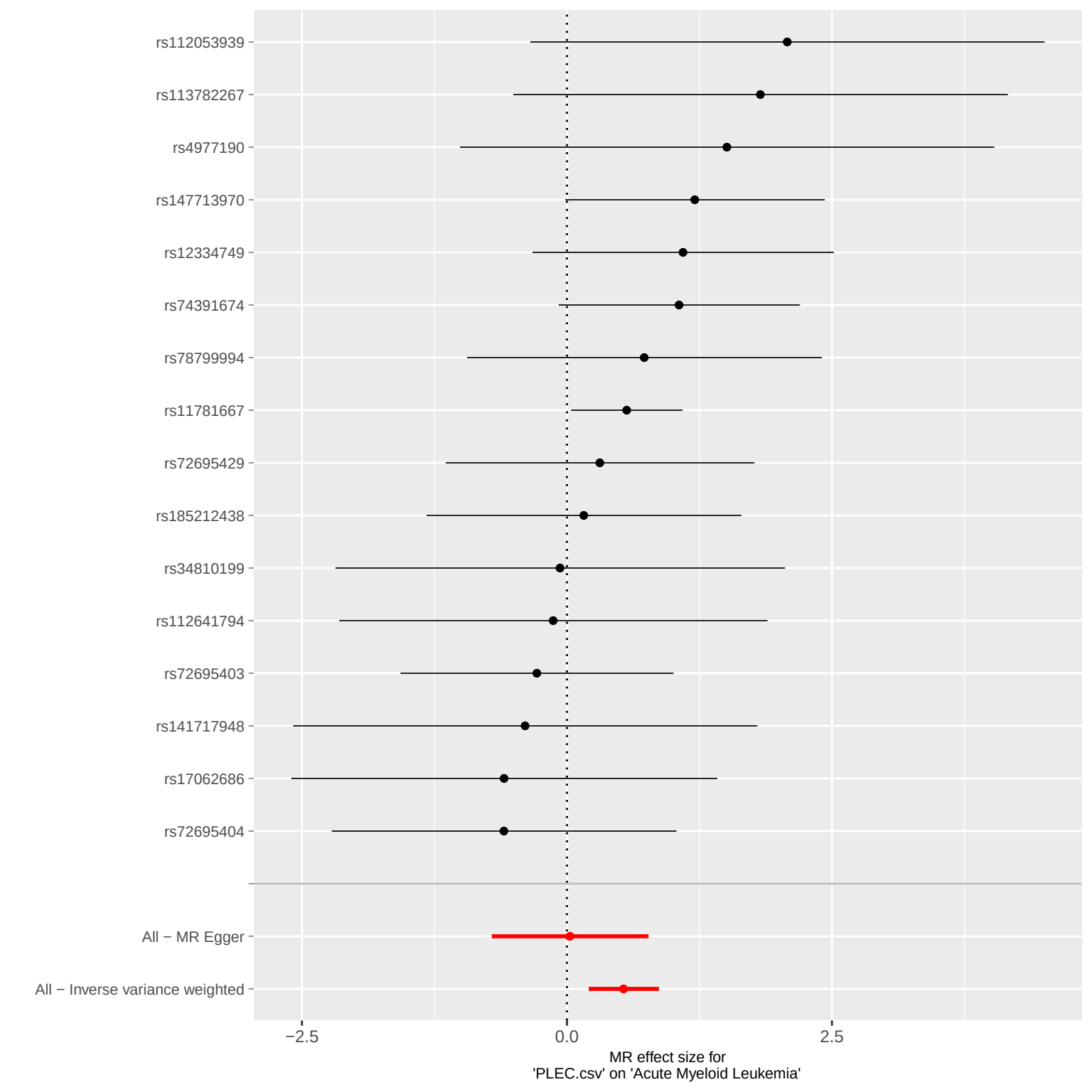
MR effect size for
'PLCL2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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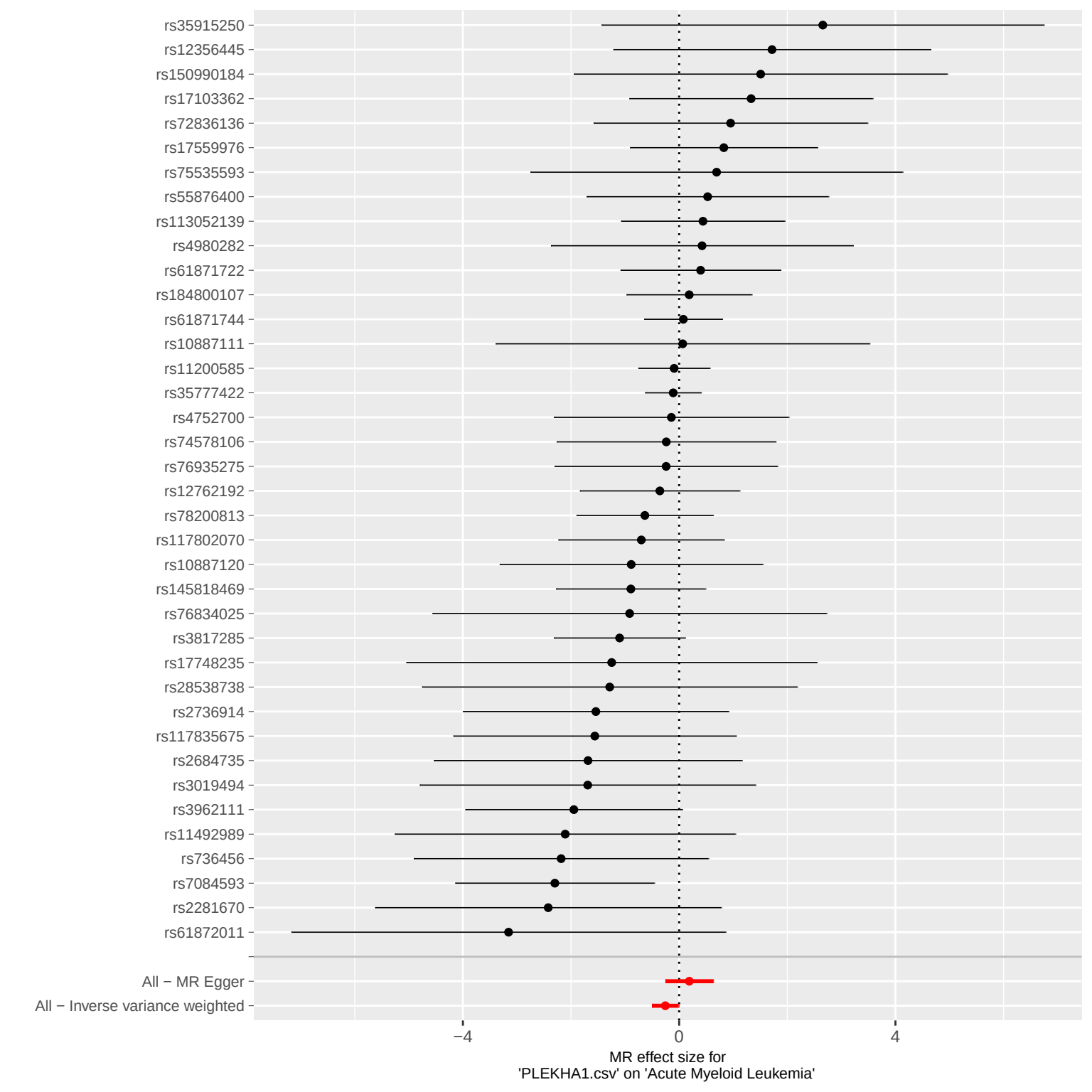
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rs2736914
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All − Inverse variance weighted
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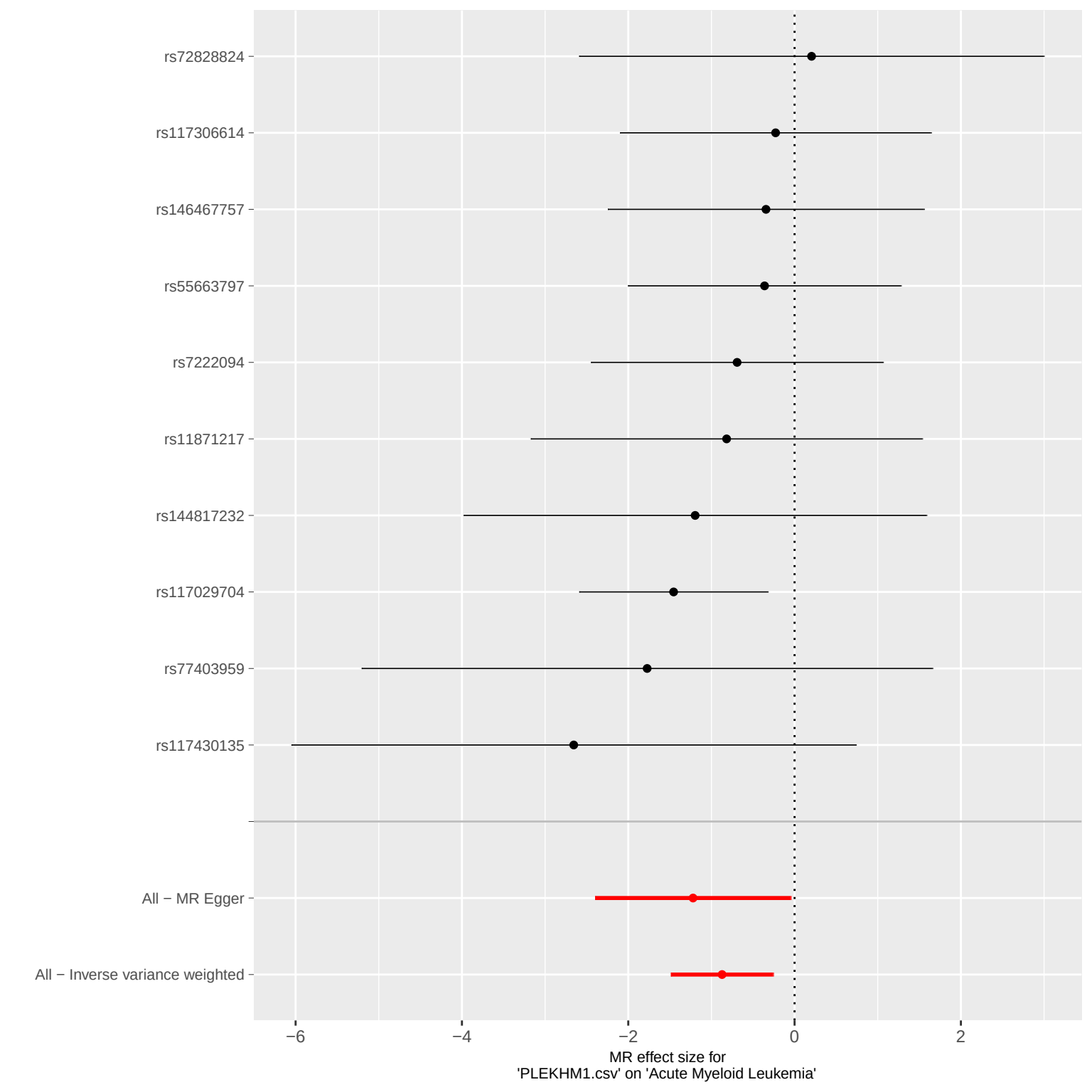
MR effect size for
'PLEKHA1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
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−2
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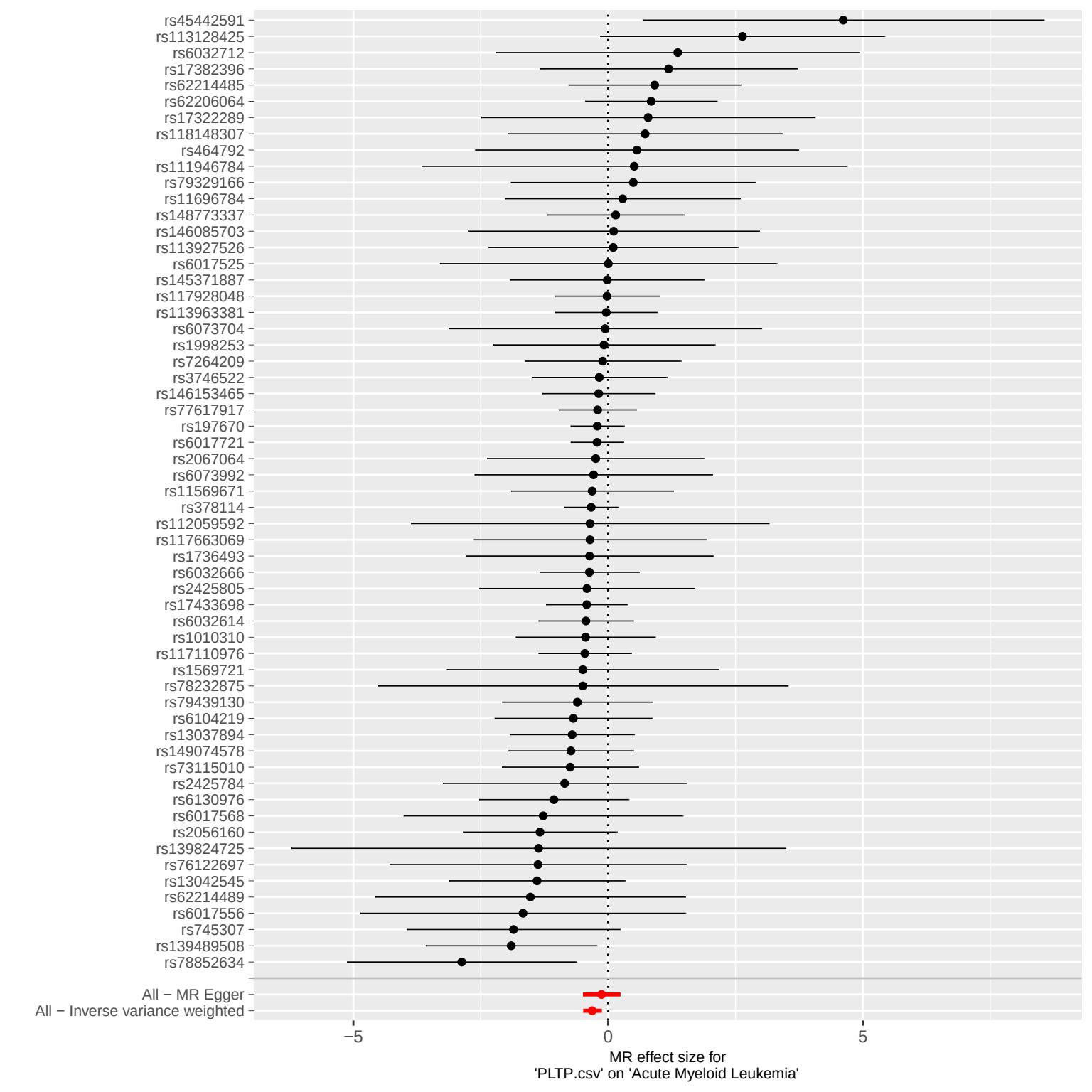
2
MR effect size for
'PLEKHM1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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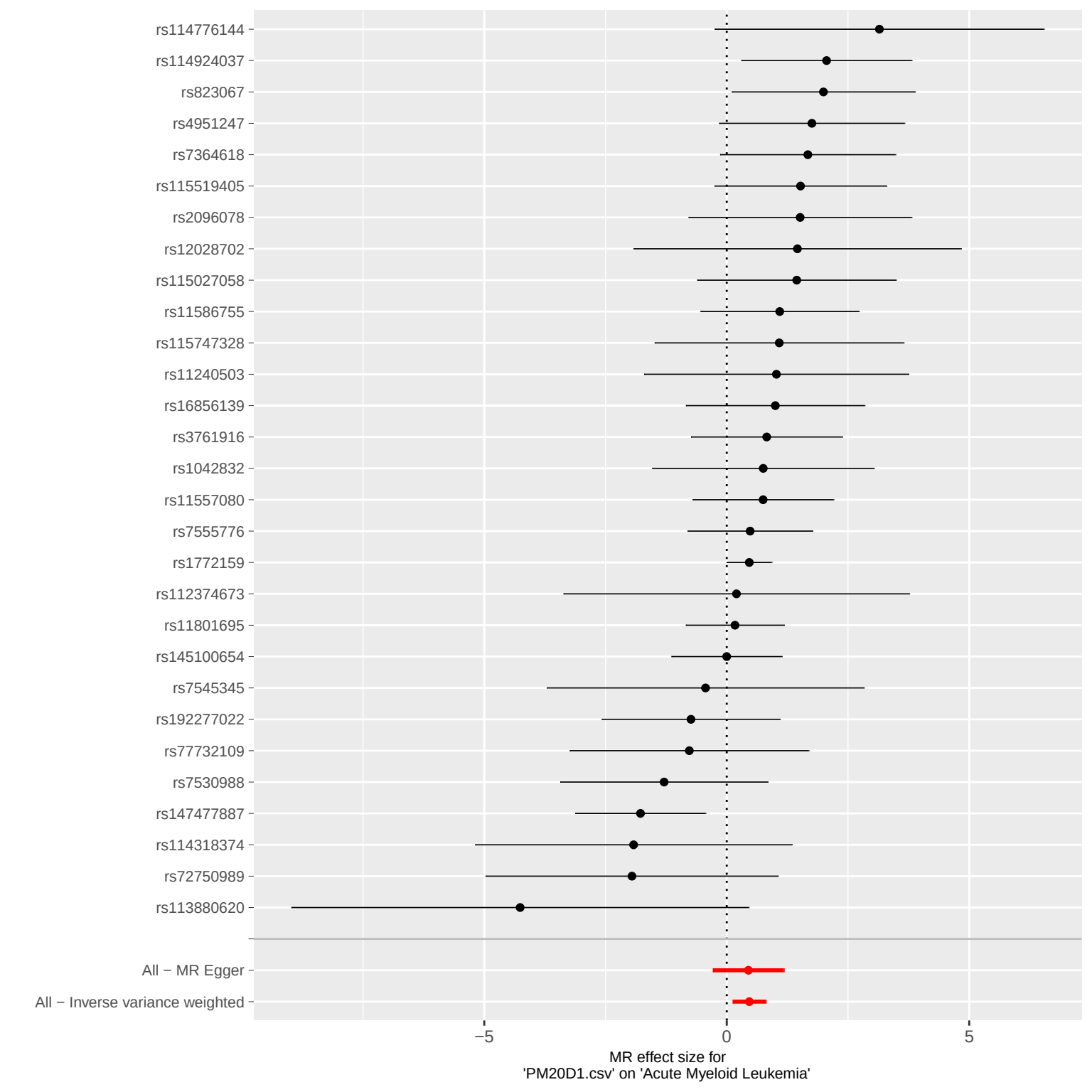
5
MR effect size for
'PLTP.csv' on 'Acute Myeloid Leukemia'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rs114318374
rs72750989
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All − MR Egger
All − Inverse variance weighted
−5
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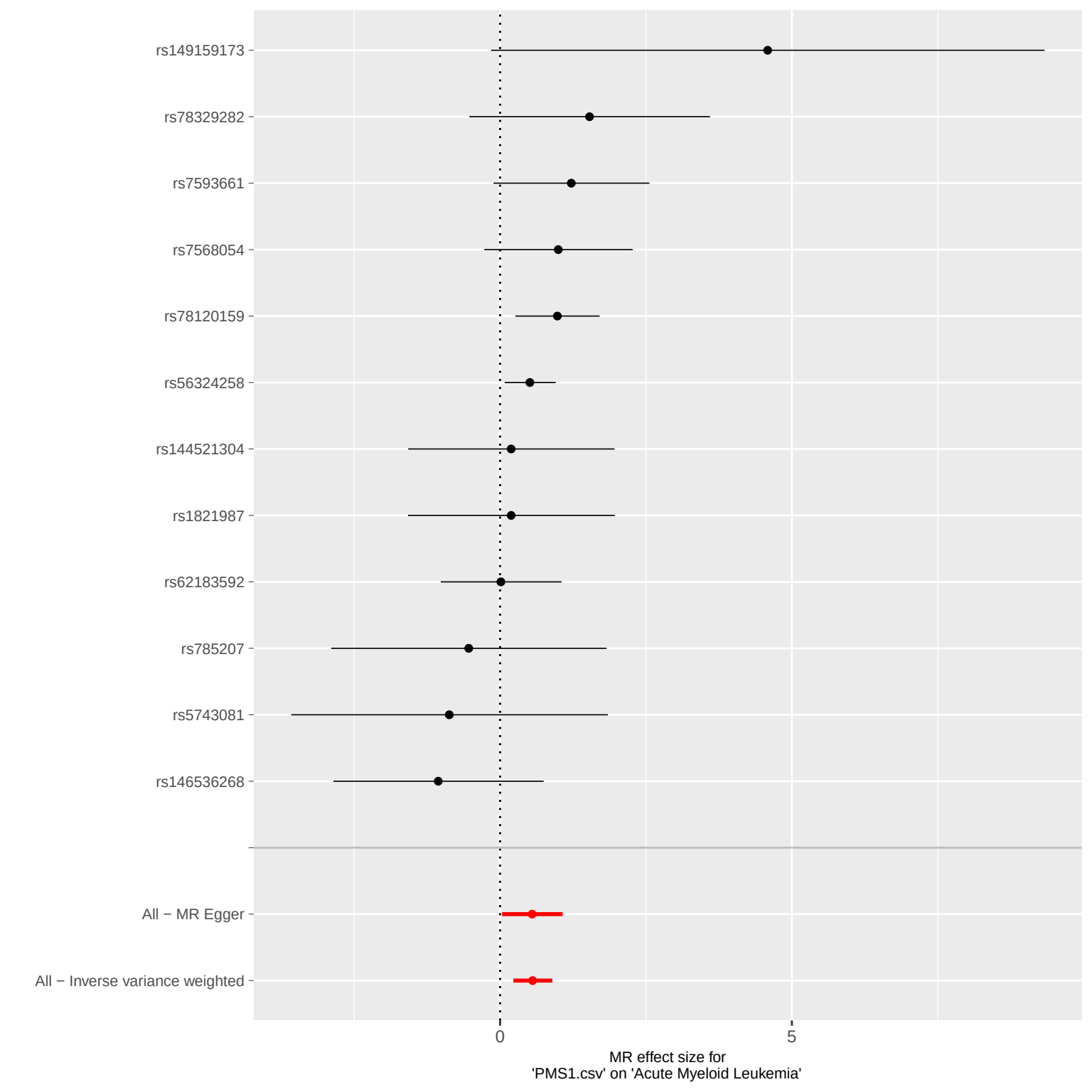
5
MR effect size for
'PM20D1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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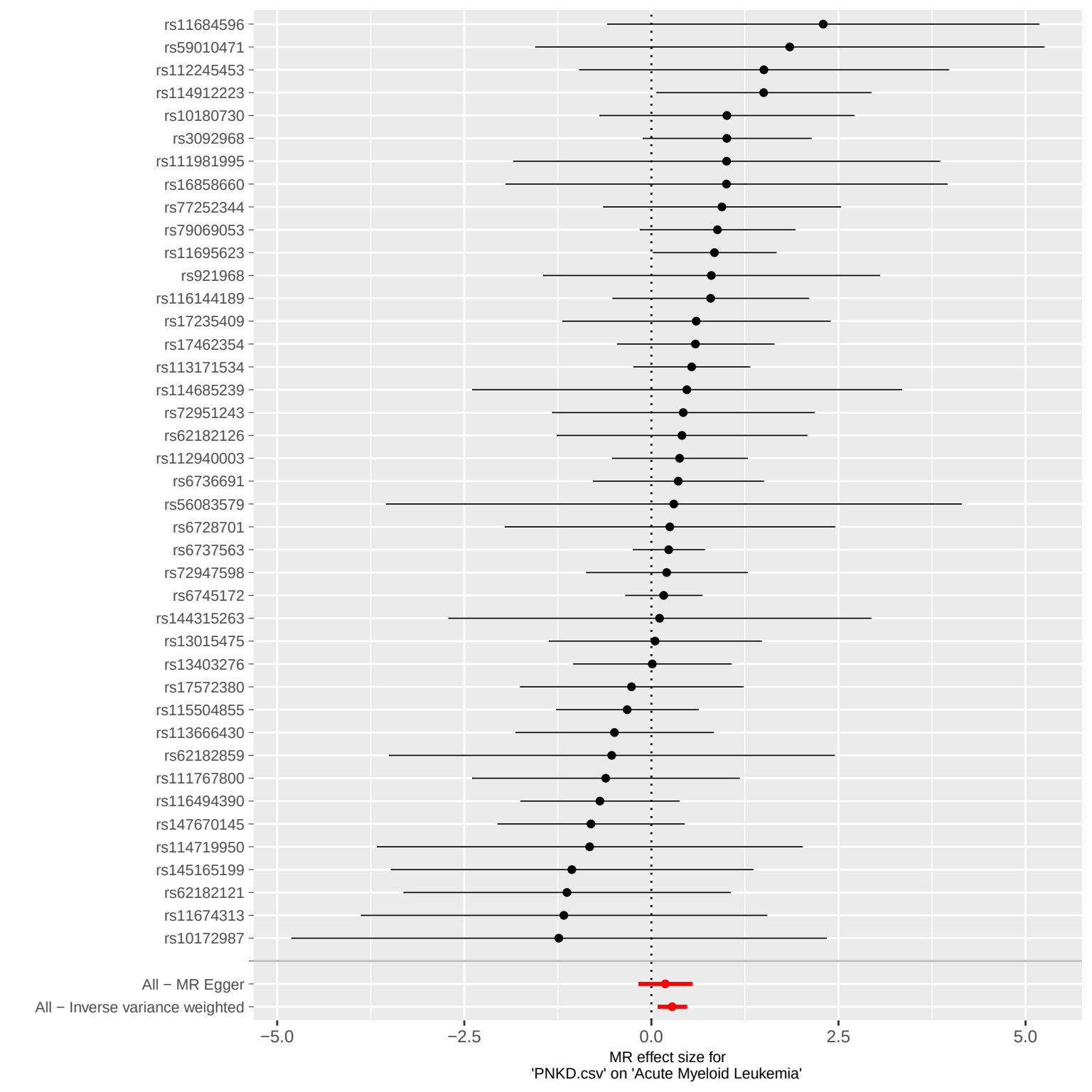
5
MR effect size for
'PMS1.csv' on 'Acute Myeloid Leukemia'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rs921968
rs116144189
rs17235409
rs17462354
rs113171534
rs114685239
rs72951243
rs62182126
rs112940003
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rs6728701
rs6737563
rs72947598
rs6745172
rs144315263
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rs13403276
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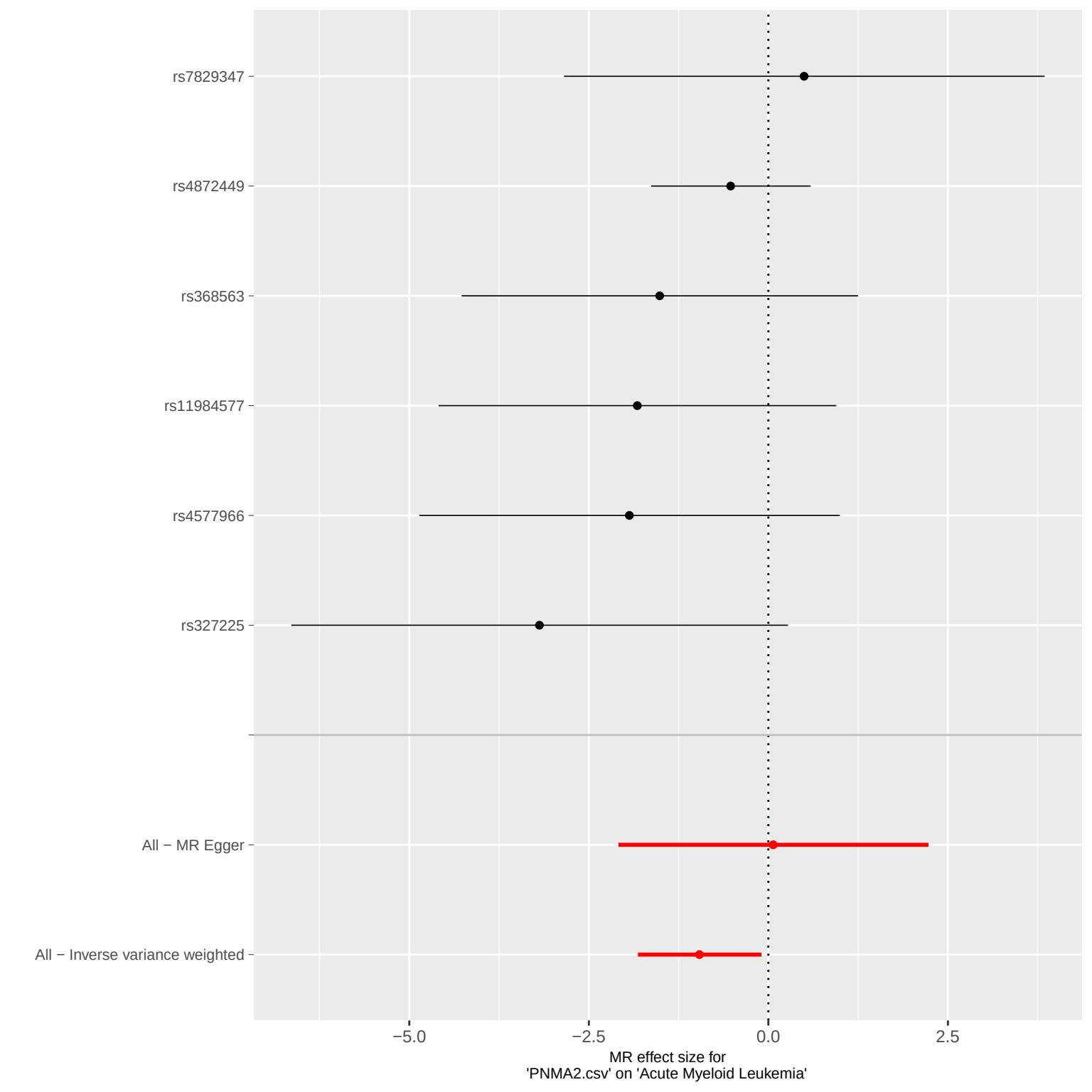
rs113666430
rs62182859
rs111767800
rs116494390
rs147670145
rs114719950
rs145165199
rs62182121
rs11674313
rs10172987
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PNKD.csv' on 'Acute Myeloid Leukemia'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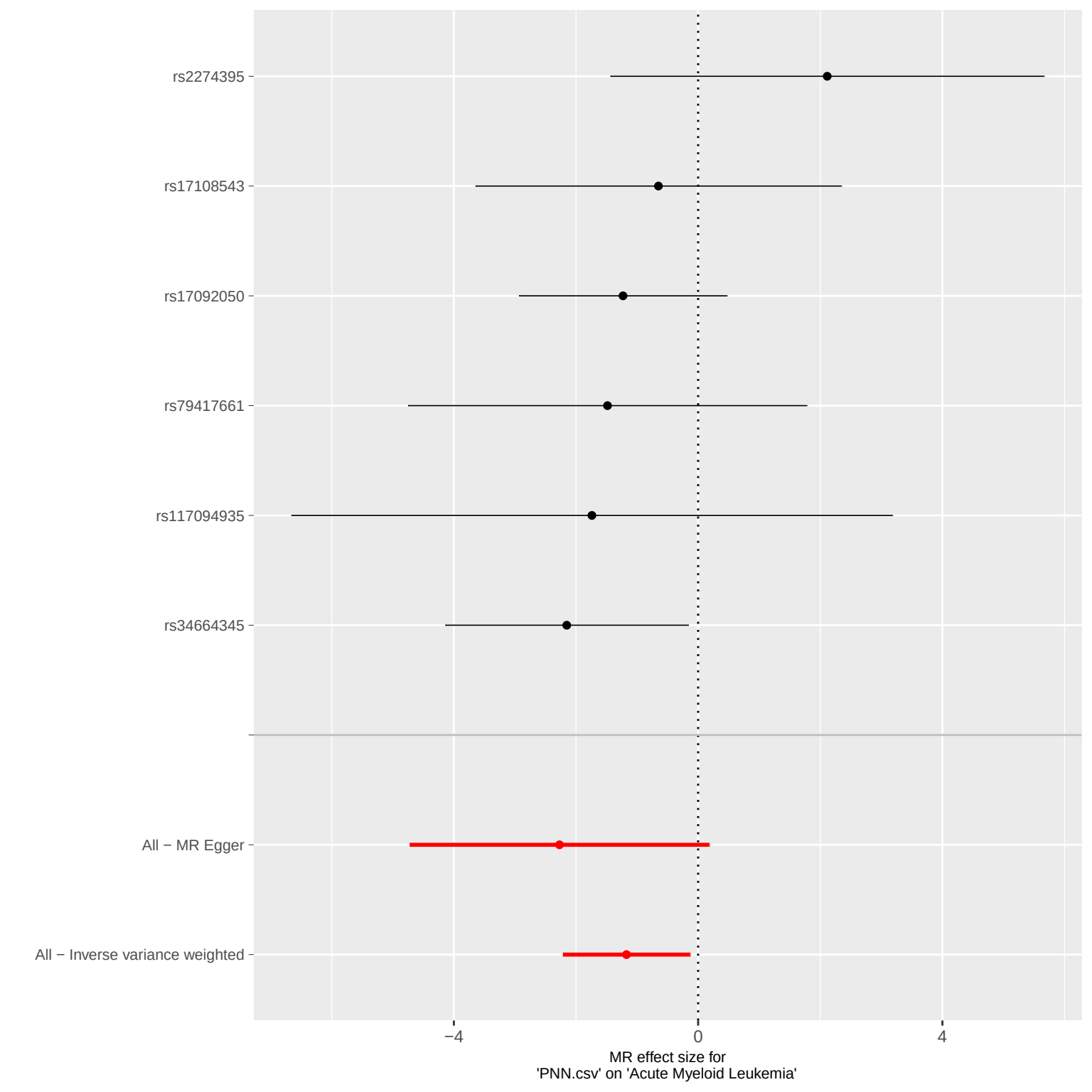
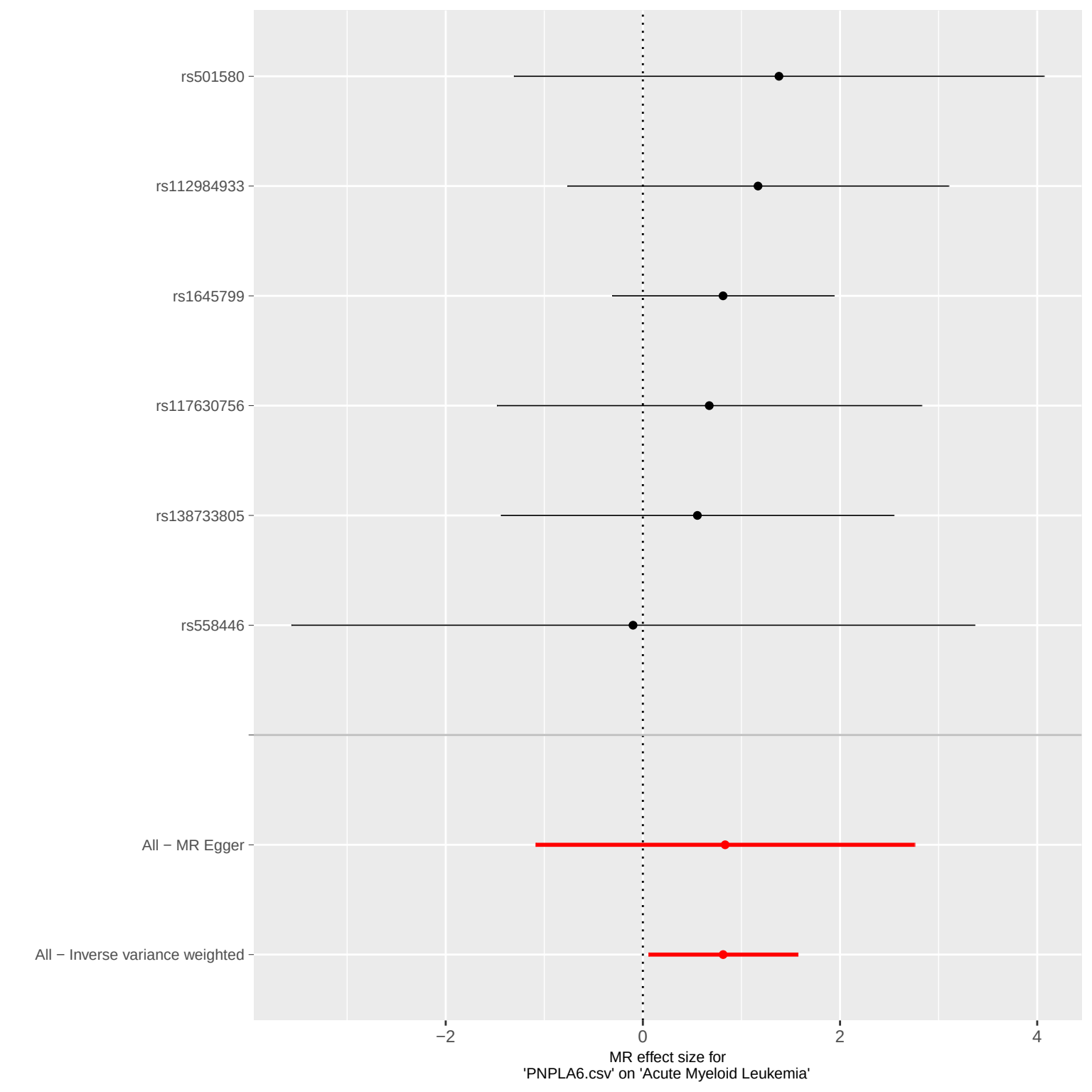
rs4872449
rs368563
rs11984577
rs4577966
rs327225
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PNMA2.csv' on 'Acute Myeloid Leukemia'


rs2274395
rs17108543
rs17092050
rs79417661
rs117094935
rs34664345
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'PNN.csv' on 'Acute Myeloid Leukemia'


rs501580
rs112984933
rs1645799
rs117630756
rs138733805
rs558446
All − MR Egger
All − Inverse variance weighted
−2
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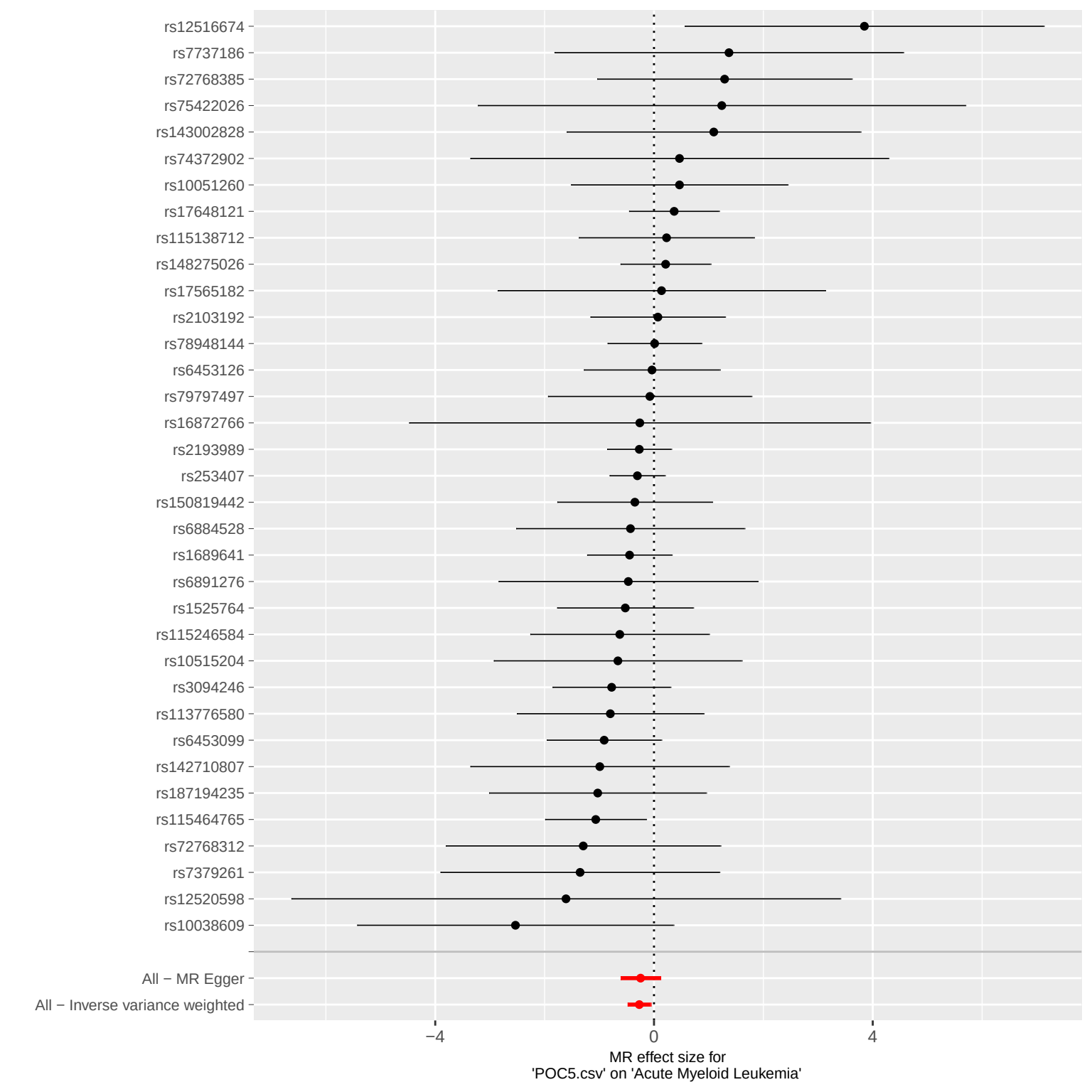
2
4
MR effect size for
'PNPLA6.csv' on 'Acute Myeloid Leukemia'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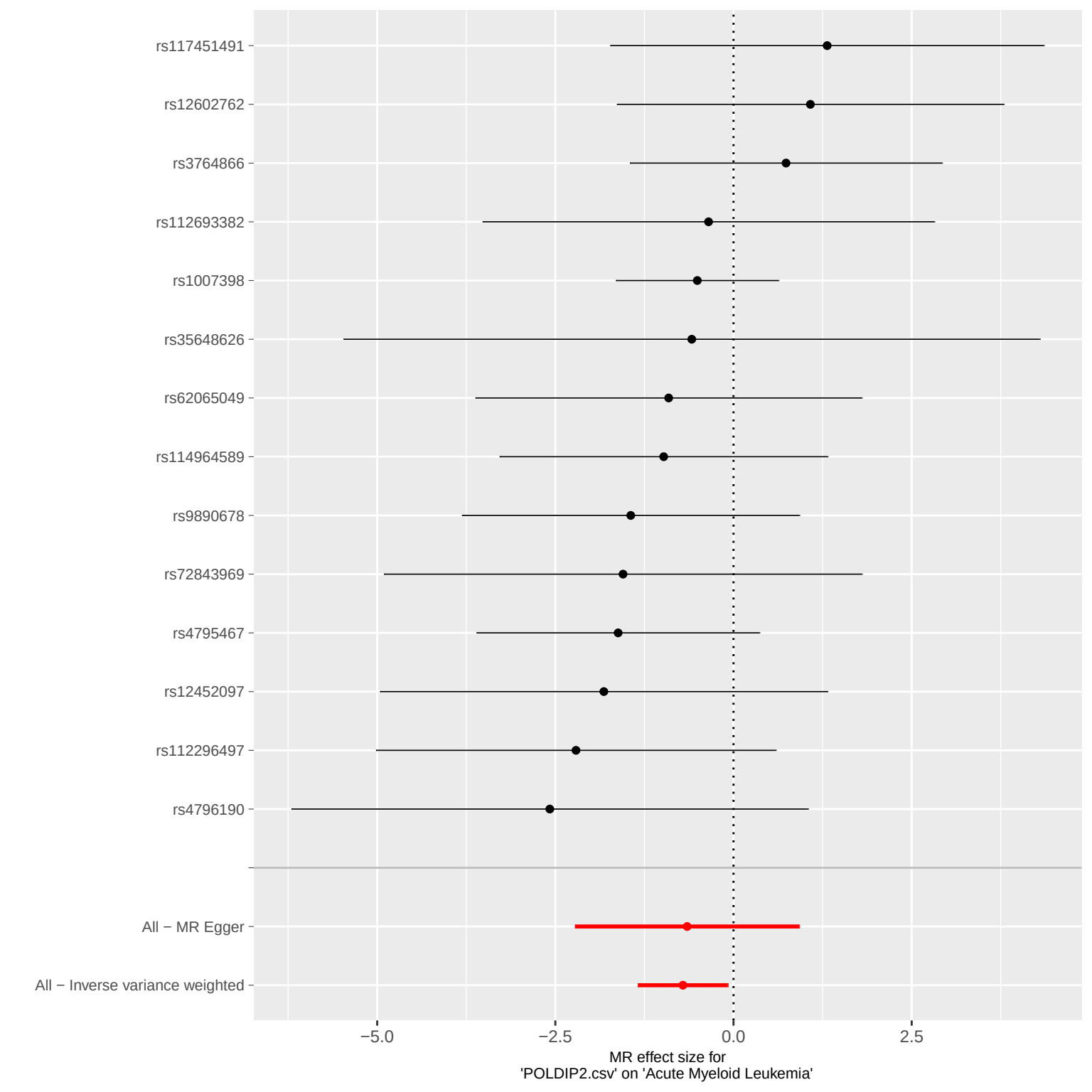
rs17565182
rs2103192
rs78948144
rs6453126
rs79797497
rs16872766
rs2193989
rs253407
rs150819442
rs6884528
rs1689641
rs6891276
rs1525764
rs115246584
rs10515204
rs3094246
rs113776580
rs6453099
rs142710807
rs187194235
rs115464765
rs72768312
rs7379261
rs12520598
rs10038609
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'POC5.csv' on 'Acute Myeloid Leukemia'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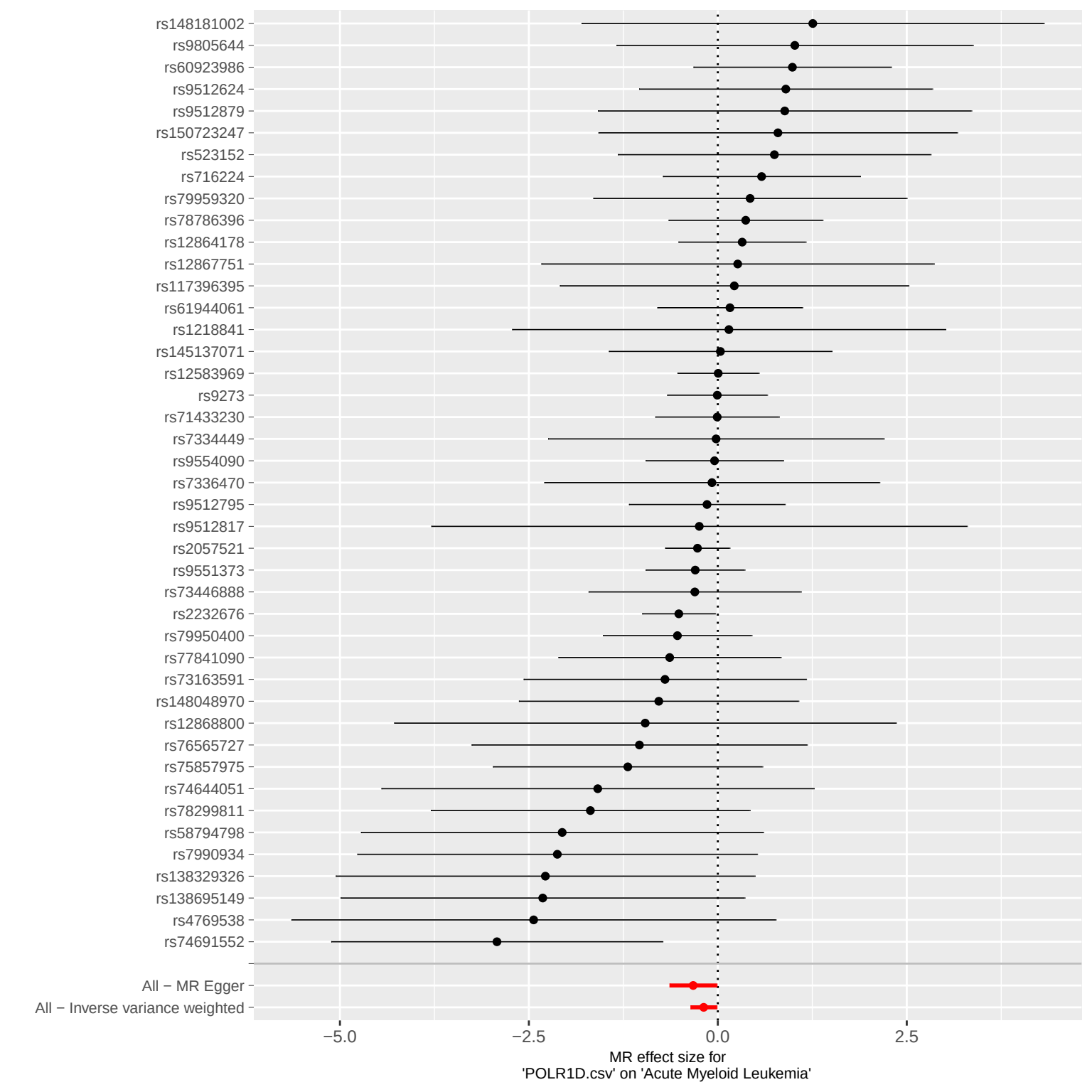
rs1007398
rs35648626
rs62065049
rs114964589
rs9890678
rs72843969
rs4795467
rs12452097
rs112296497
rs4796190
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'POLDIP2.csv' on 'Acute Myeloid Leukemia'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rs12583969
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rs71433230
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rs75857975
rs74644051
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rs58794798
rs7990934
rs138329326
rs138695149
rs4769538
rs74691552
All − MR Egger
All − Inverse variance weighted
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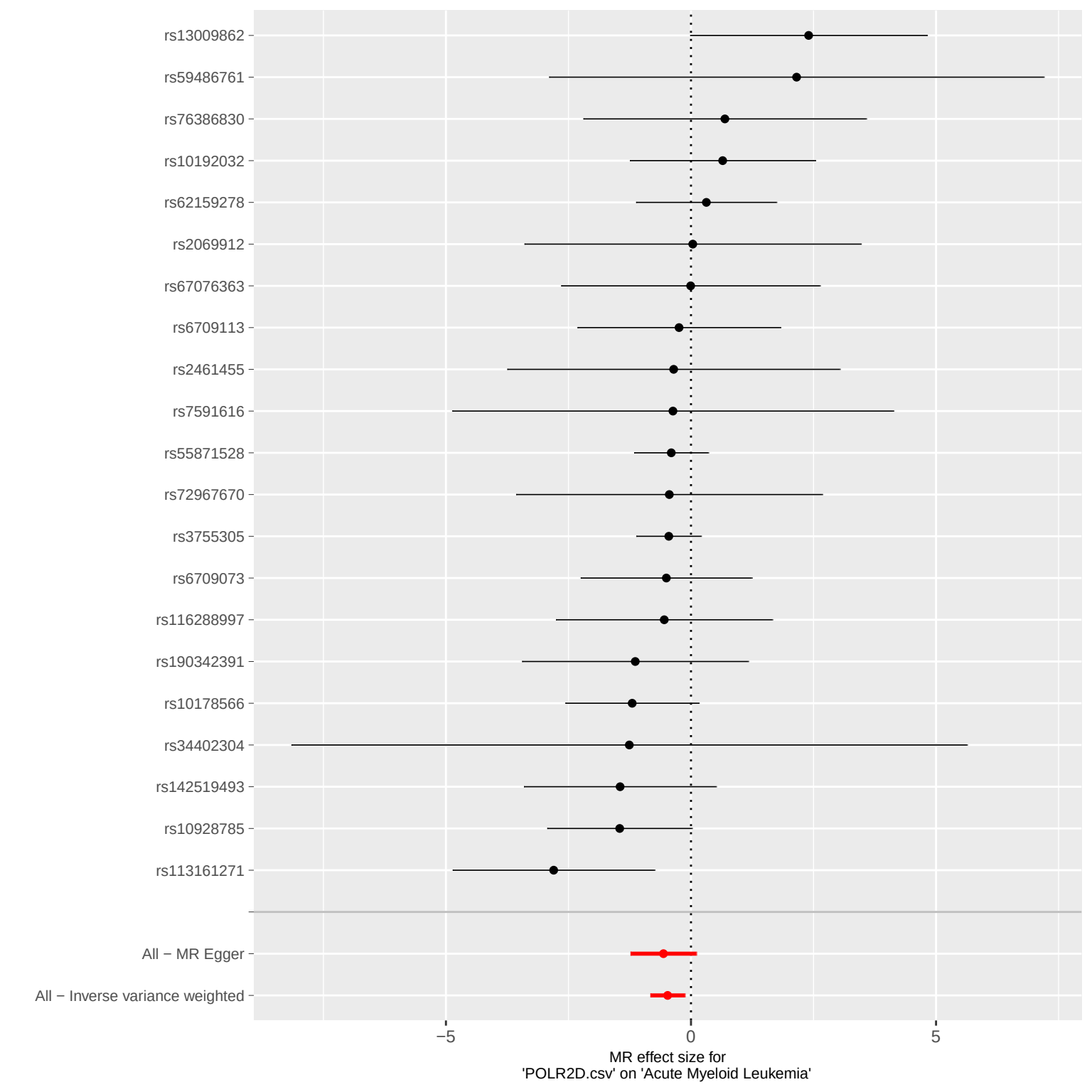
−2.5
0.0
2.5
MR effect size for
'POLR1D.csv' on 'Acute Myeloid Leukemia'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rs6709113
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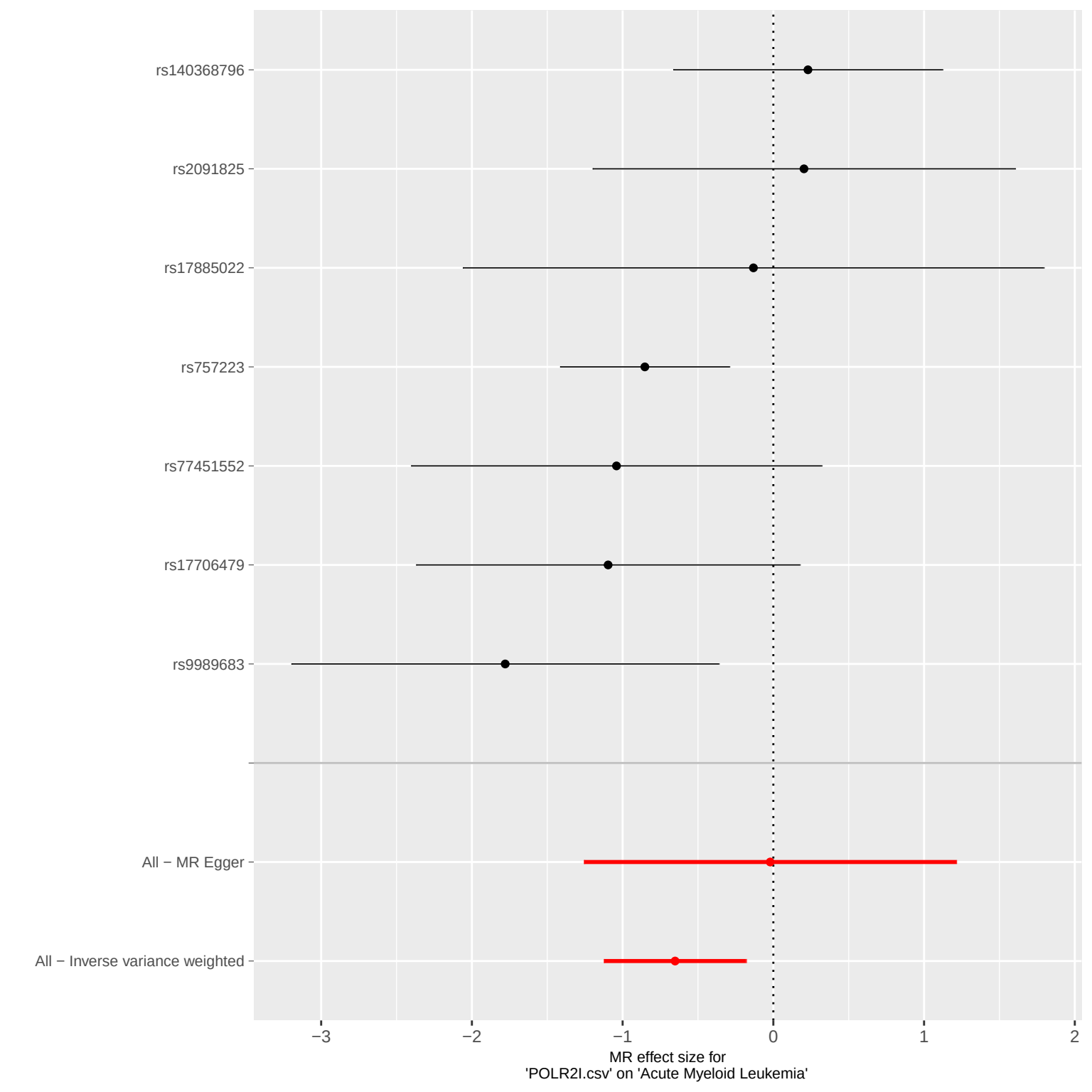
rs7591616
rs55871528
rs72967670
rs3755305
rs6709073
rs116288997
rs190342391
rs10178566
rs34402304
rs142519493
rs10928785
rs113161271
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'POLR2D.csv' on 'Acute Myeloid Leukemia'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rs2091825
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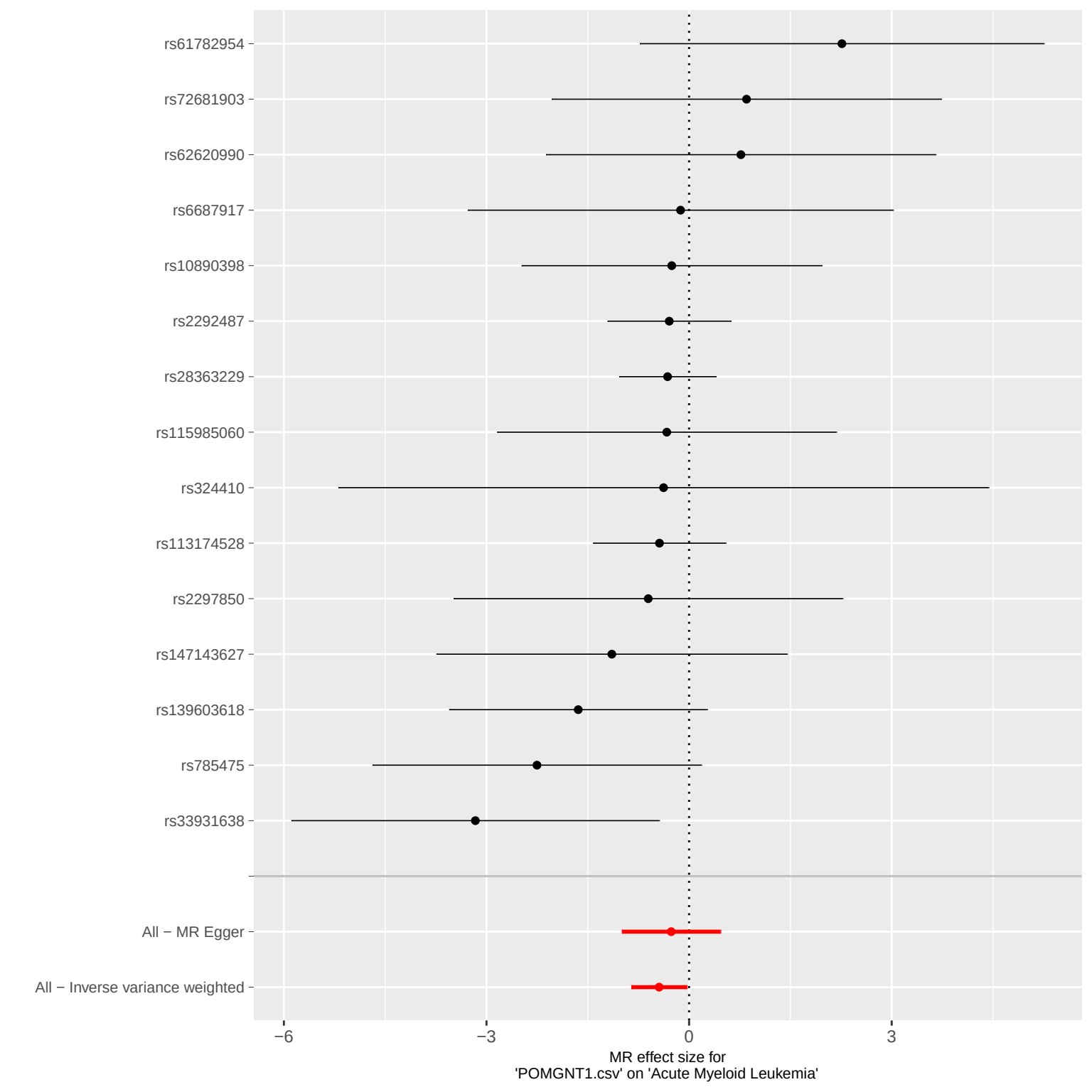
rs757223
rs77451552
rs17706479
rs9989683
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'POLR2I.csv' on 'Acute Myeloid Leukemia'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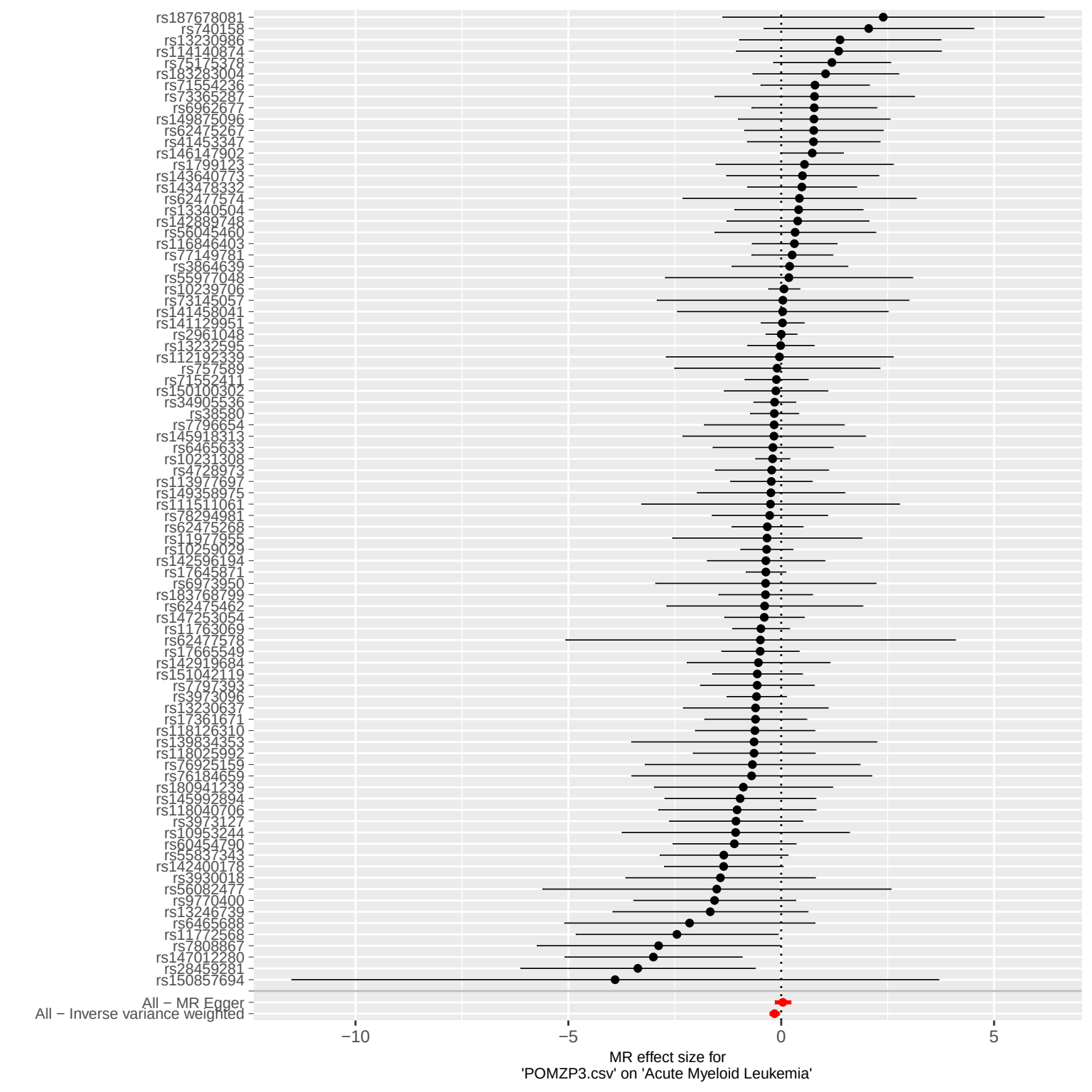
rs2297850
rs147143627
rs139603618
rs785475
rs33931638
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'POMGNT1.csv' on 'Acute Myeloid Leukemia'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rs62475267
rs41453347
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rs1799123
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rs62477574
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rs6465688
rs11772568
rs7808867
rs147012280
rs28459281
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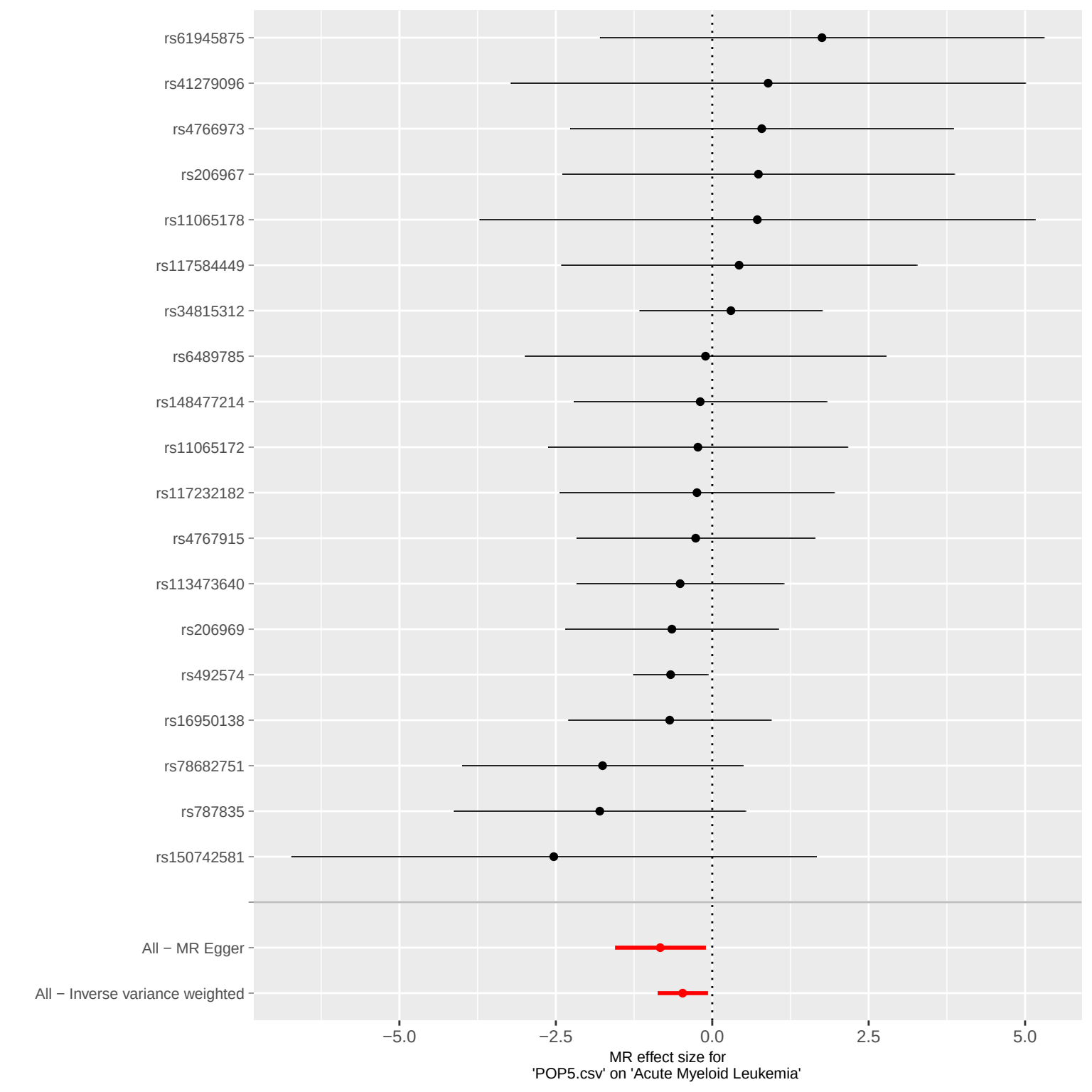
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'POMZP3.csv' on 'Acute Myeloid Leukemia'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rs117584449
rs34815312
rs6489785
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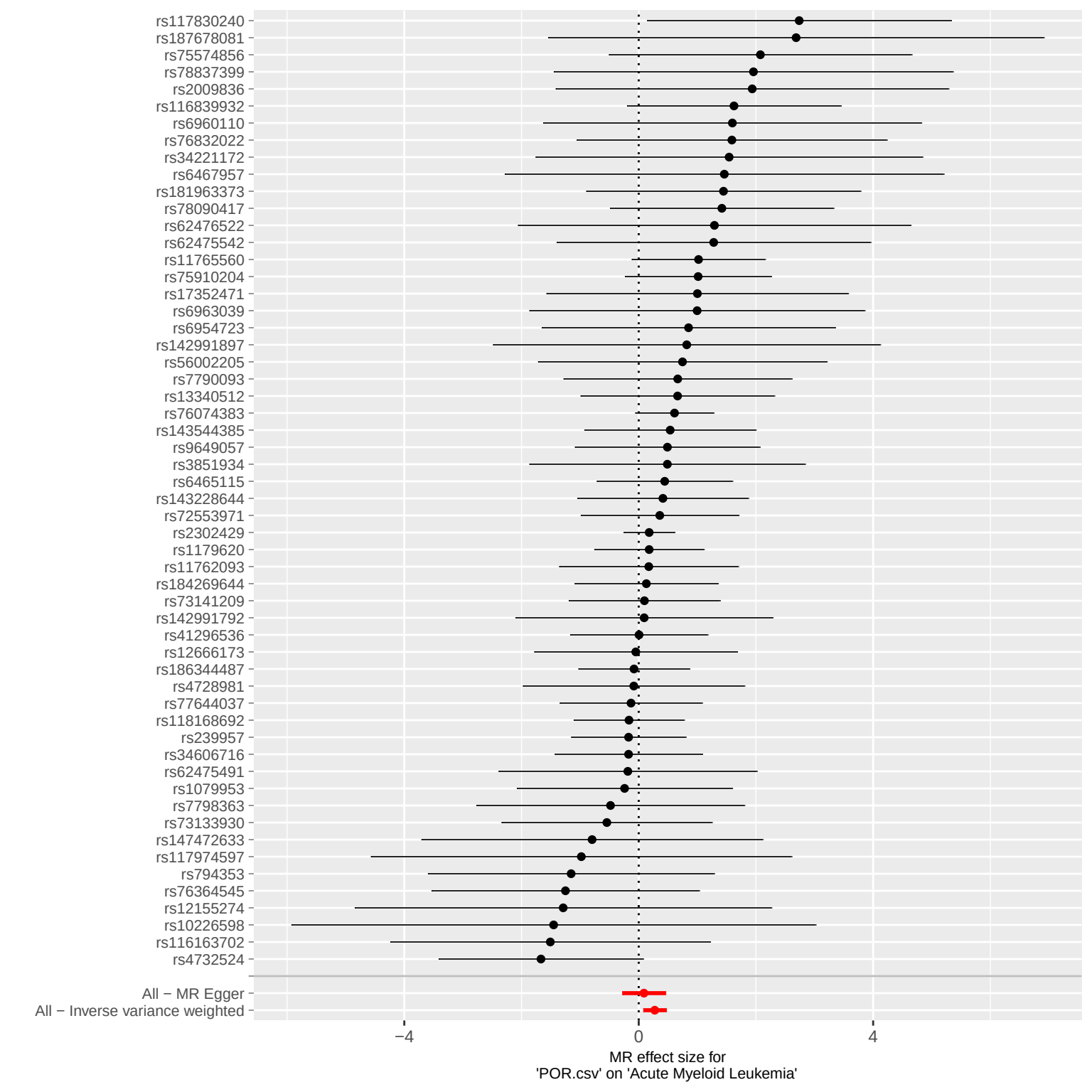
rs4767915
rs113473640
rs206969
rs492574
rs16950138
rs78682751
rs787835
rs150742581
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'POP5.csv' on 'Acute Myeloid Leukemia'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rs6954723
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rs56002205
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rs76364545
rs12155274
rs10226598
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All − MR Egger
All − Inverse variance weighted
−4
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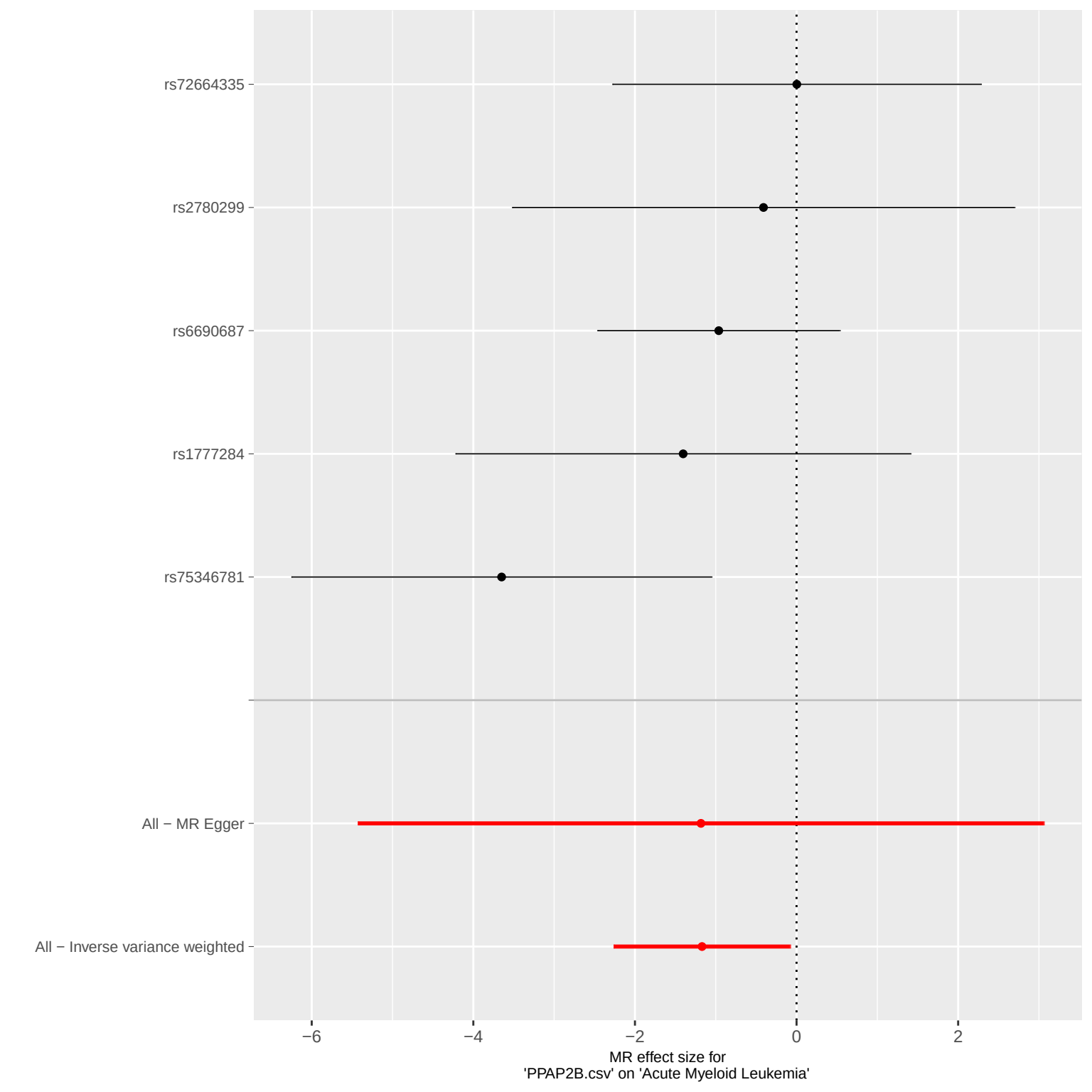
4
MR effect size for
'POR.csv' on 'Acute Myeloid Leukemia'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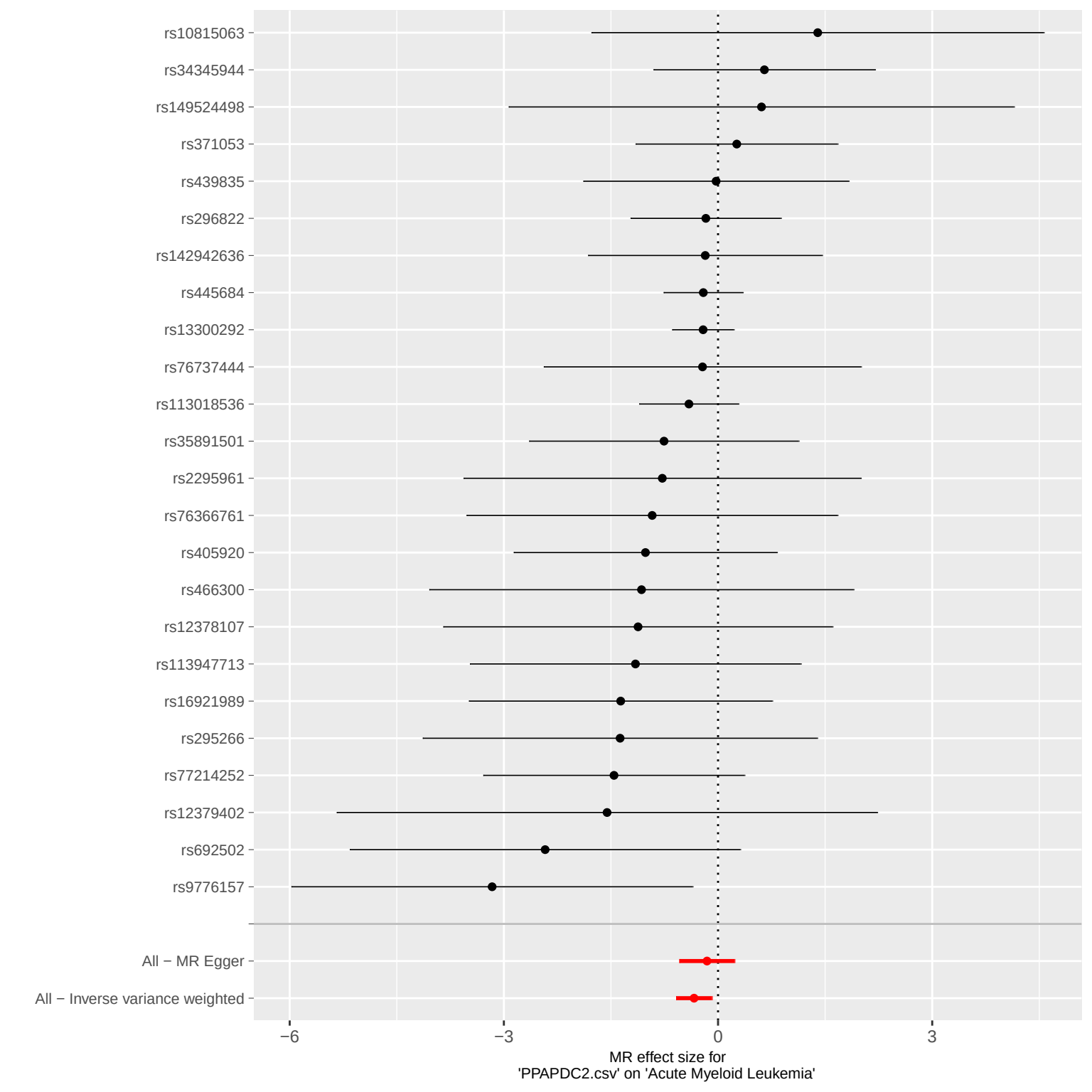
rs2780299
rs6690687
rs1777284
rs75346781
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'PPAP2B.csv' on 'Acute Myeloid Leukemia'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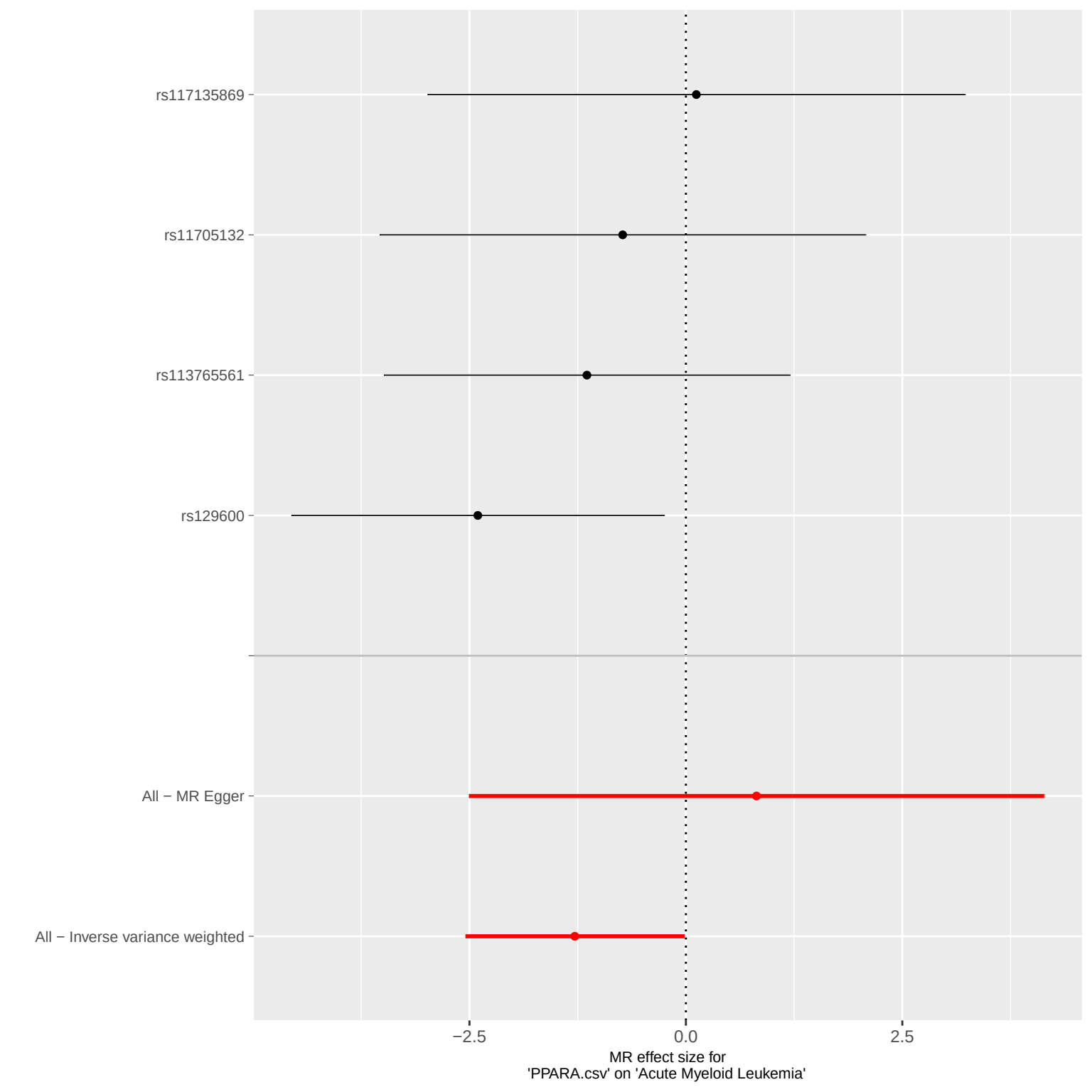
rs35891501
rs2295961
rs76366761
rs405920
rs466300
rs12378107
rs113947713
rs16921989
rs295266
rs77214252
rs12379402
rs692502
rs9776157
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'PPAPDC2.csv' on 'Acute Myeloid Leukemia'


rs117135869
rs11705132
rs113765561
rs129600
All − MR Egger
All − Inverse variance weighted
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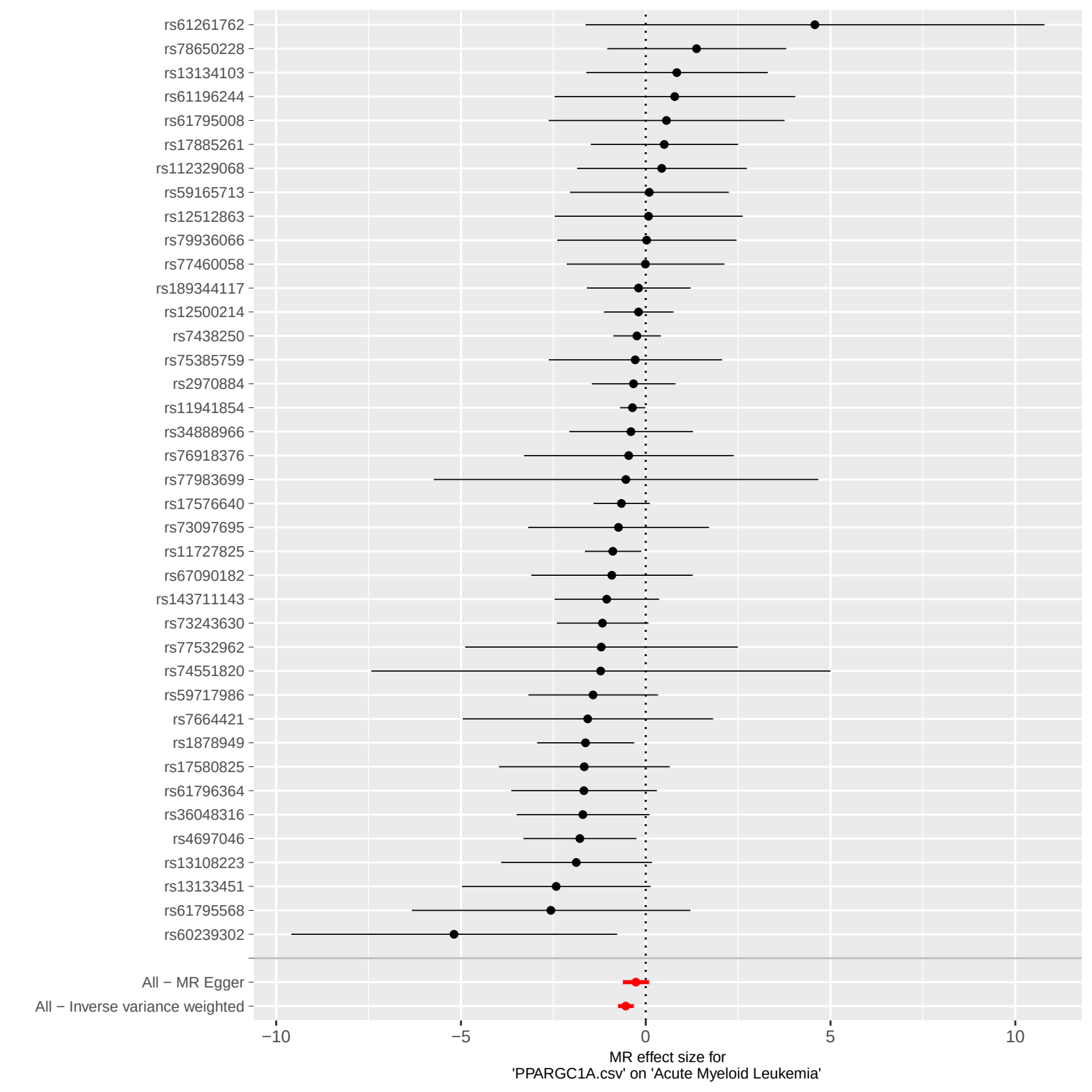
0.0
2.5
MR effect size for
'PPARA.csv' on 'Acute Myeloid Leukemia'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rs77460058
rs189344117
rs12500214
rs7438250
rs75385759
rs2970884
rs11941854
rs34888966
rs76918376
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rs17576640
rs73097695
rs11727825
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rs73243630
rs77532962
rs74551820
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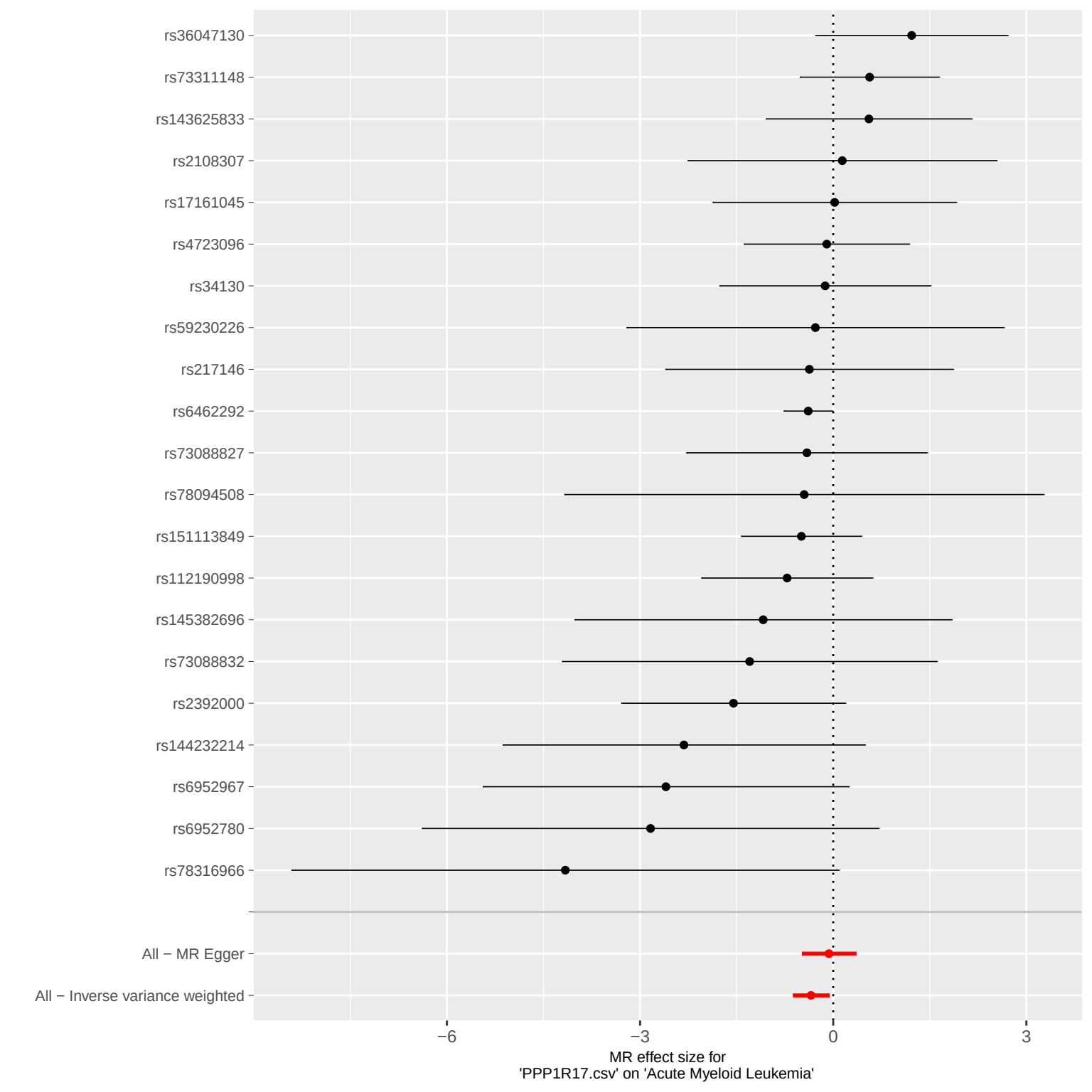
rs36048316
rs4697046
rs13108223
rs13133451
rs61795568
rs60239302
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'PPARGC1A.csv' on 'Acute Myeloid Leukemia'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rs78094508
rs151113849
rs112190998
rs145382696
rs73088832
rs2392000
rs144232214
rs6952967
rs6952780
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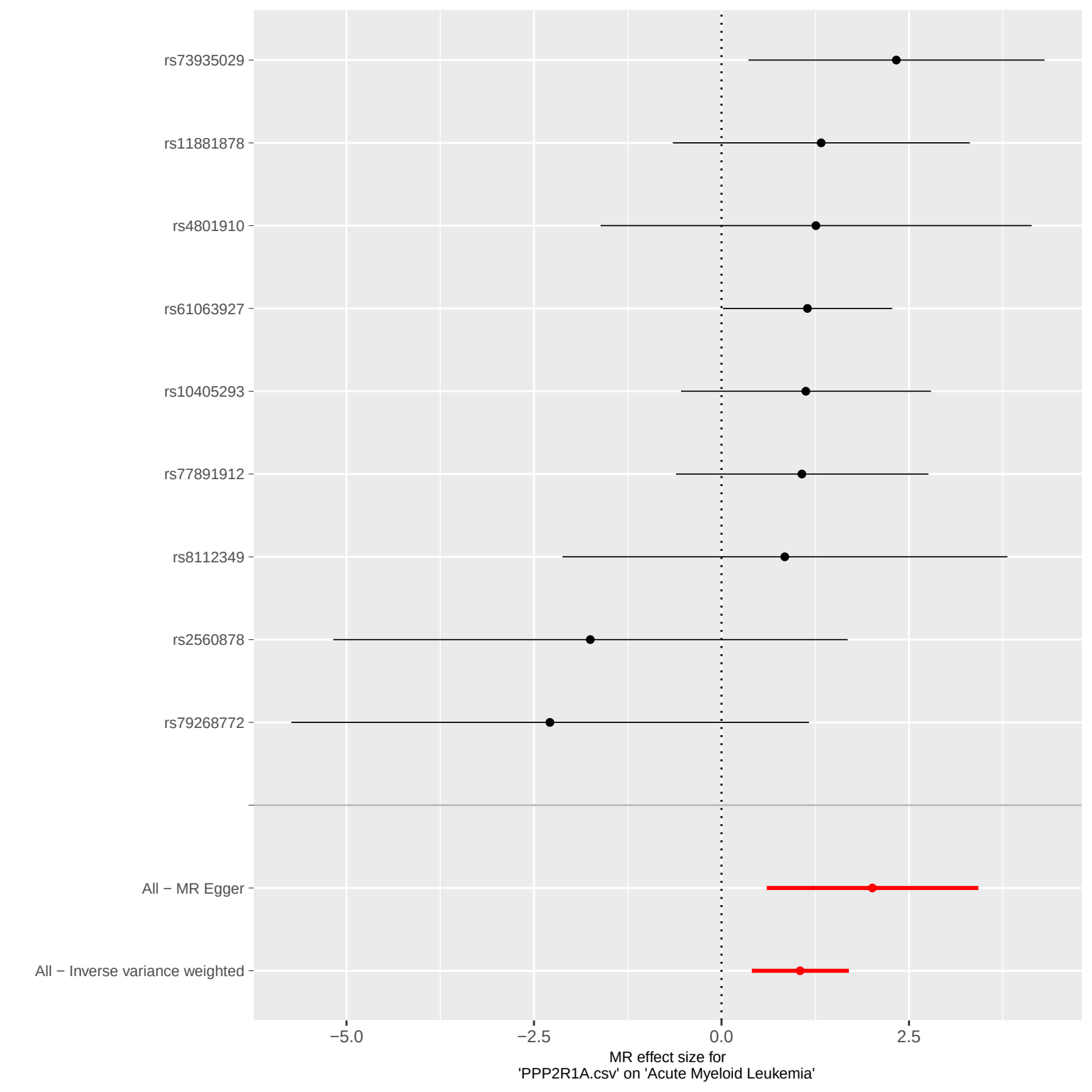
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'PPP1R17.csv' on 'Acute Myeloid Leukemia'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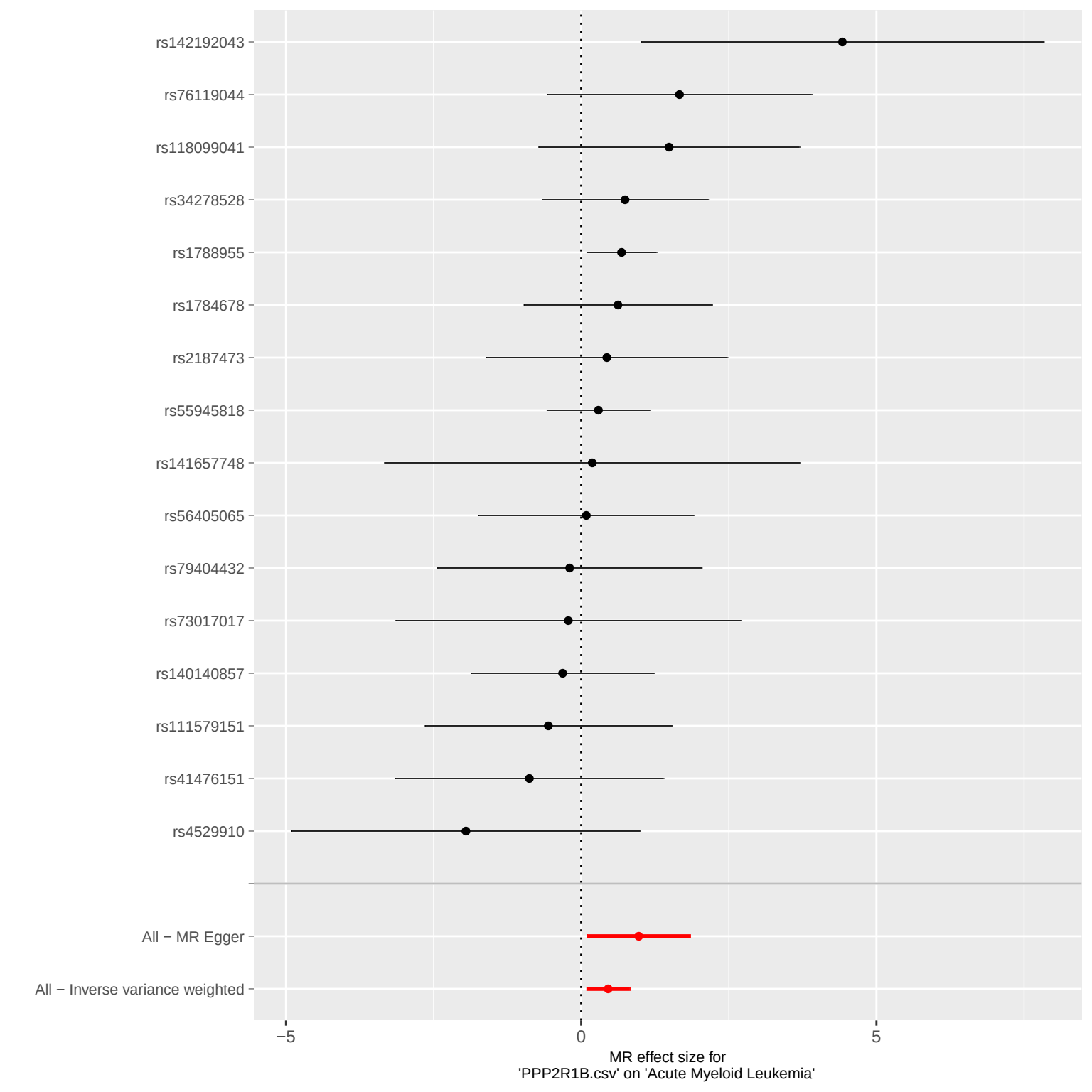
rs61063927
rs10405293
rs77891912
rs8112349
rs2560878
rs79268772
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PPP2R1A.csv' on 'Acute Myeloid Leukemia'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rs2187473
rs55945818
rs141657748
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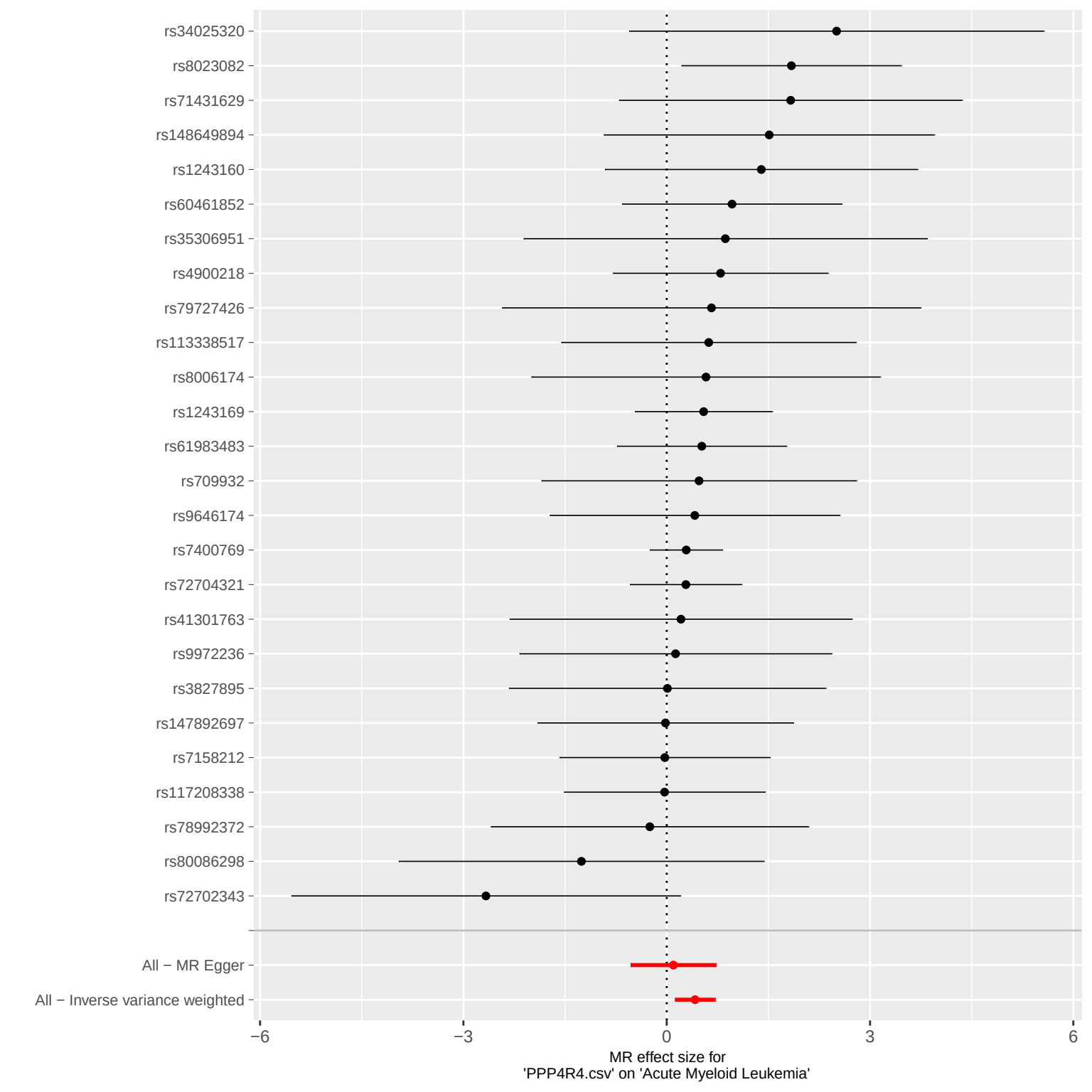
rs79404432
rs73017017
rs140140857
rs111579151
rs41476151
rs4529910
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PPP2R1B.csv' on 'Acute Myeloid Leukemia'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rs72704321
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rs147892697
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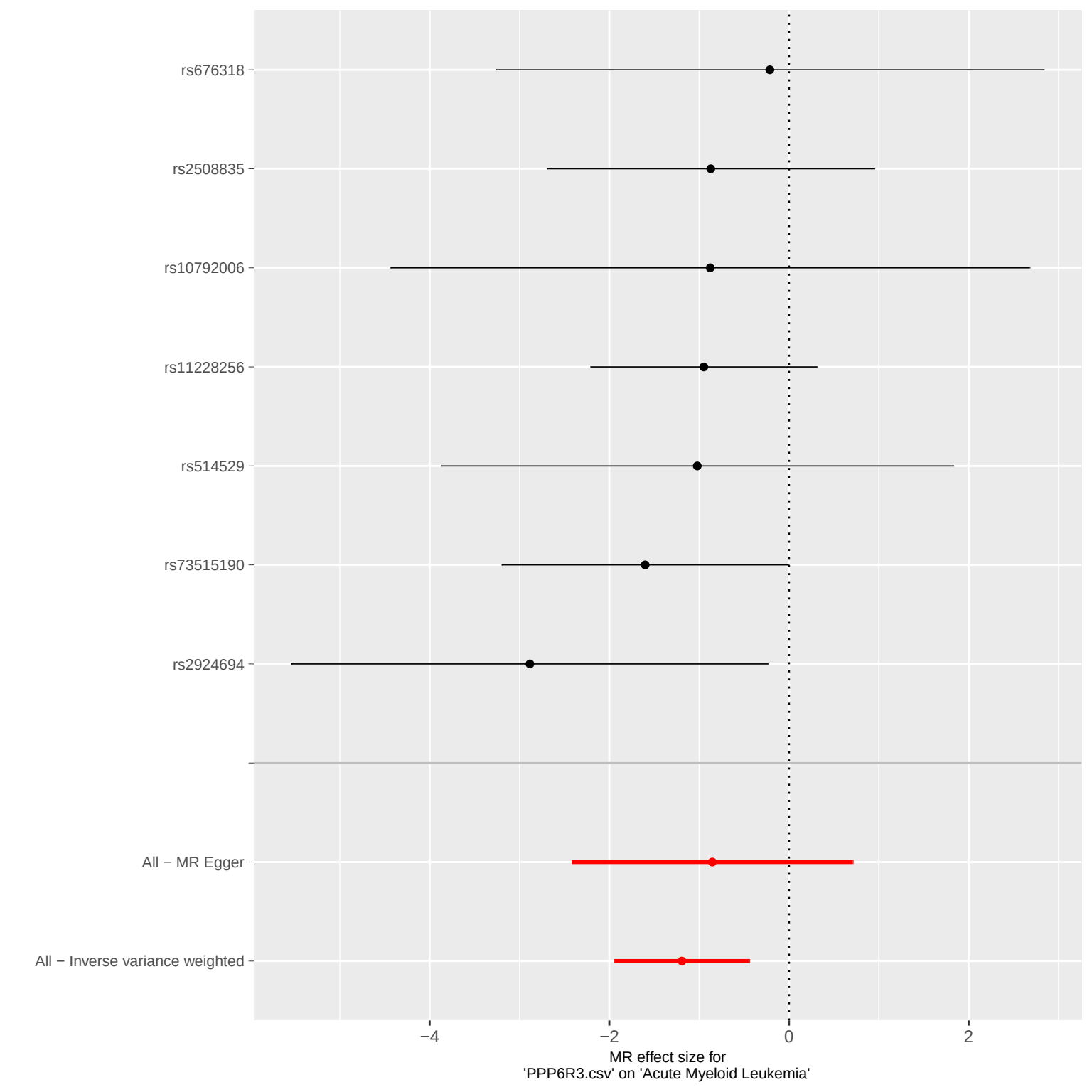
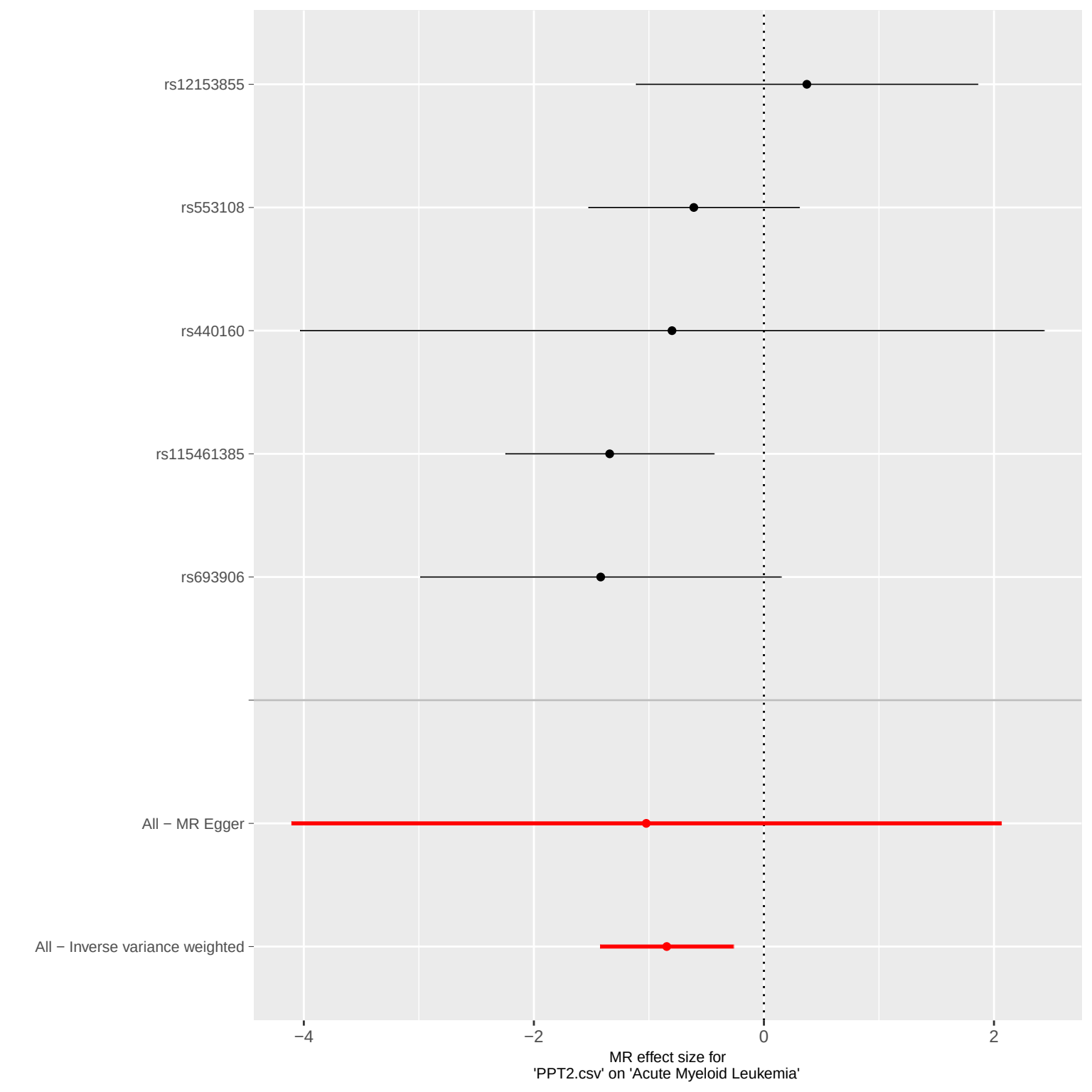
rs117208338
rs78992372
rs80086298
rs72702343
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'PPP4R4.csv' on 'Acute Myeloid Leukemia'


rs676318
rs2508835
rs10792006
rs11228256
rs514529
rs73515190
rs2924694
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PPP6R3.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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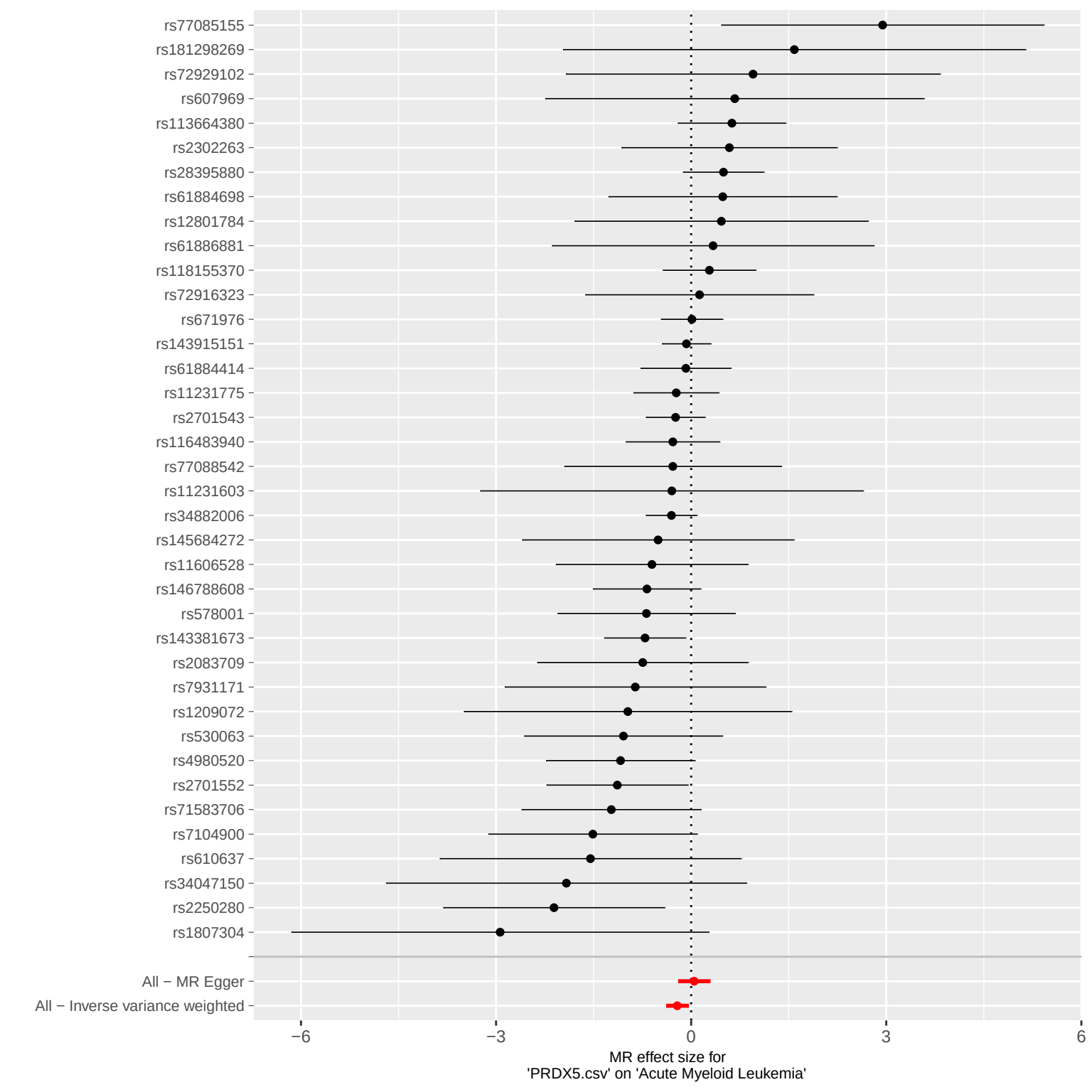
MR effect size for
'PPT2.csv' on 'Acute Myeloid Leukemia'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rs34047150
rs2250280
rs1807304
All − MR Egger
All − Inverse variance weighted
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−3
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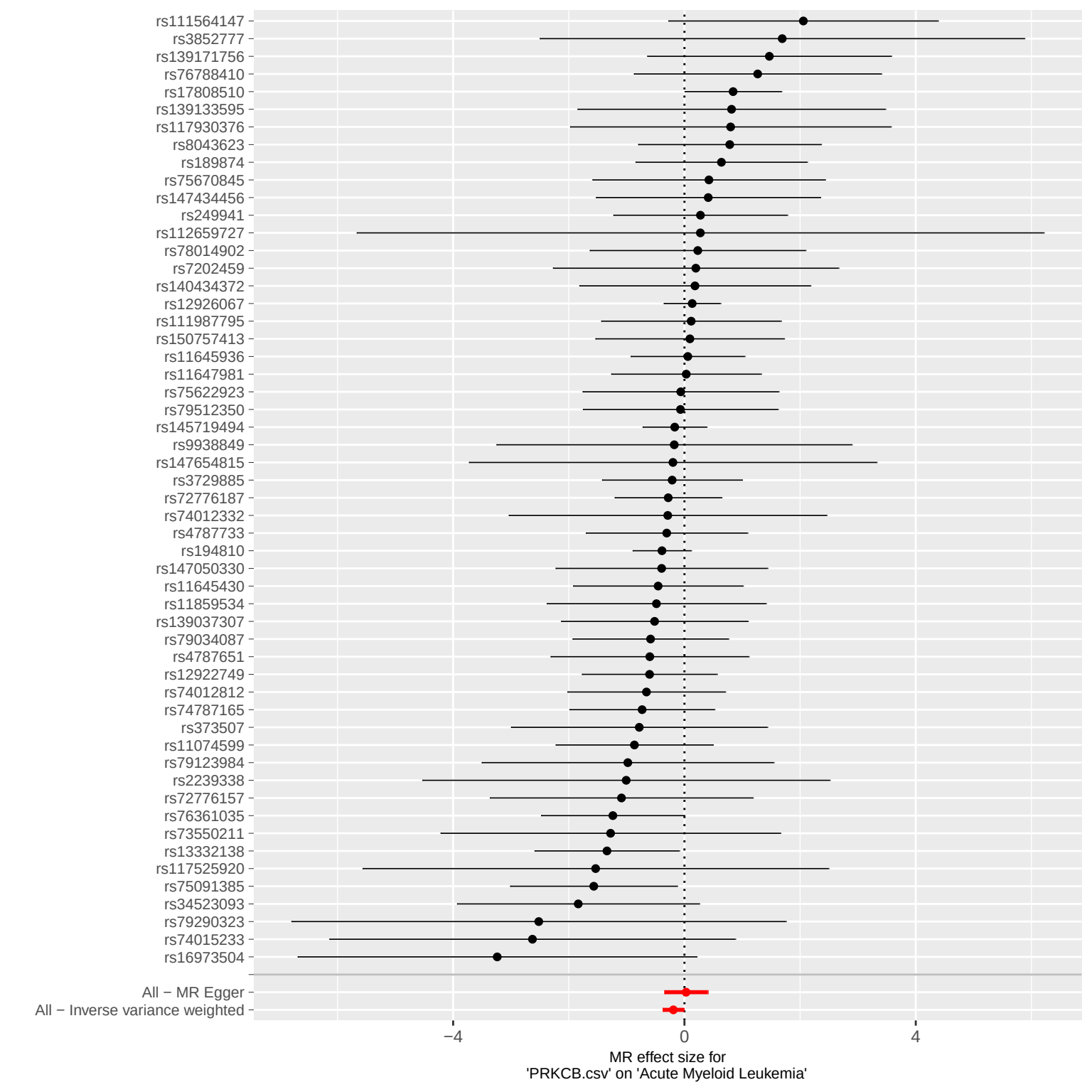
MR effect size for
'PRDX5.csv' on 'Acute Myeloid Leukemia'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rs34523093
rs79290323
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All − MR Egger
All − Inverse variance weighted
−4
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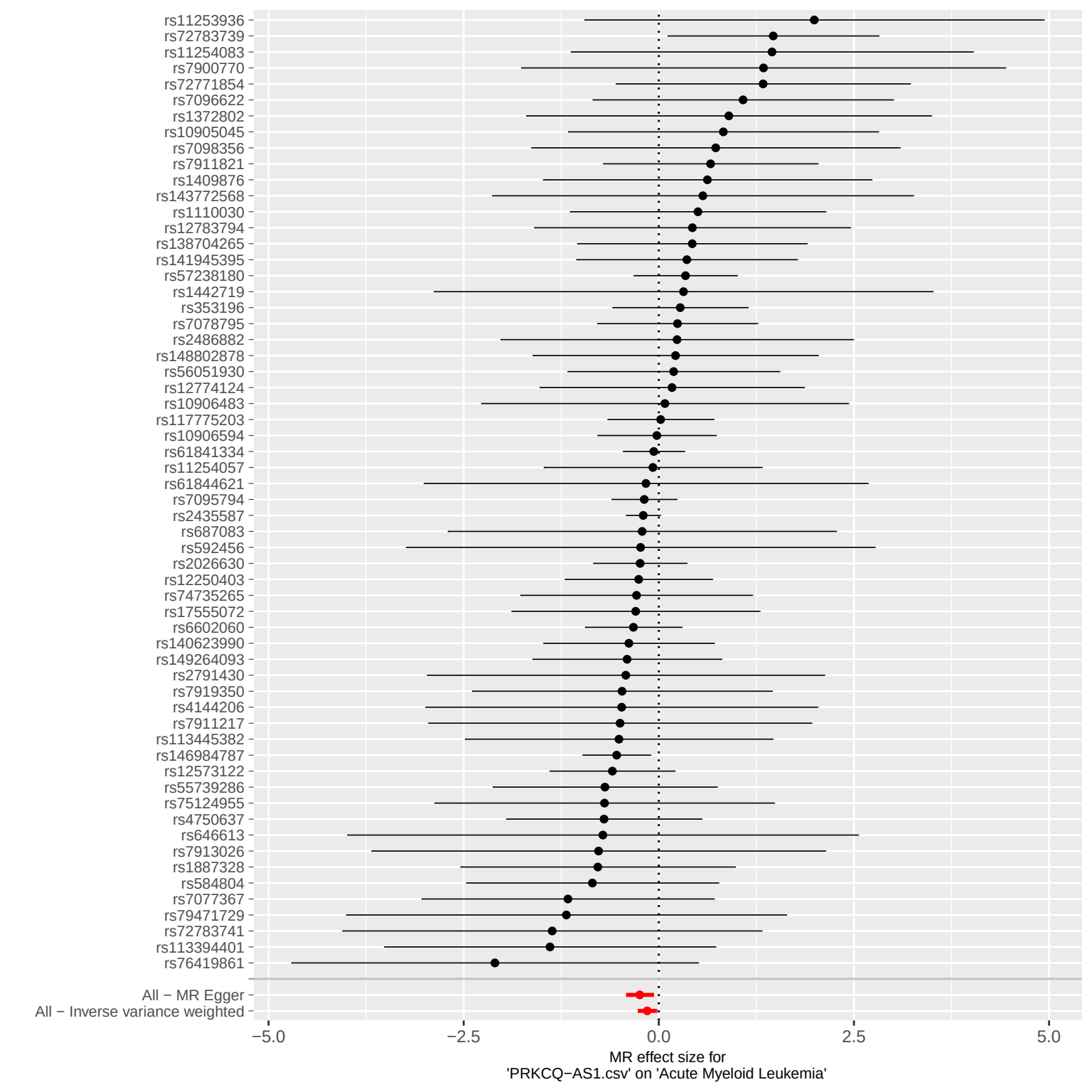
4
MR effect size for
'PRKCB.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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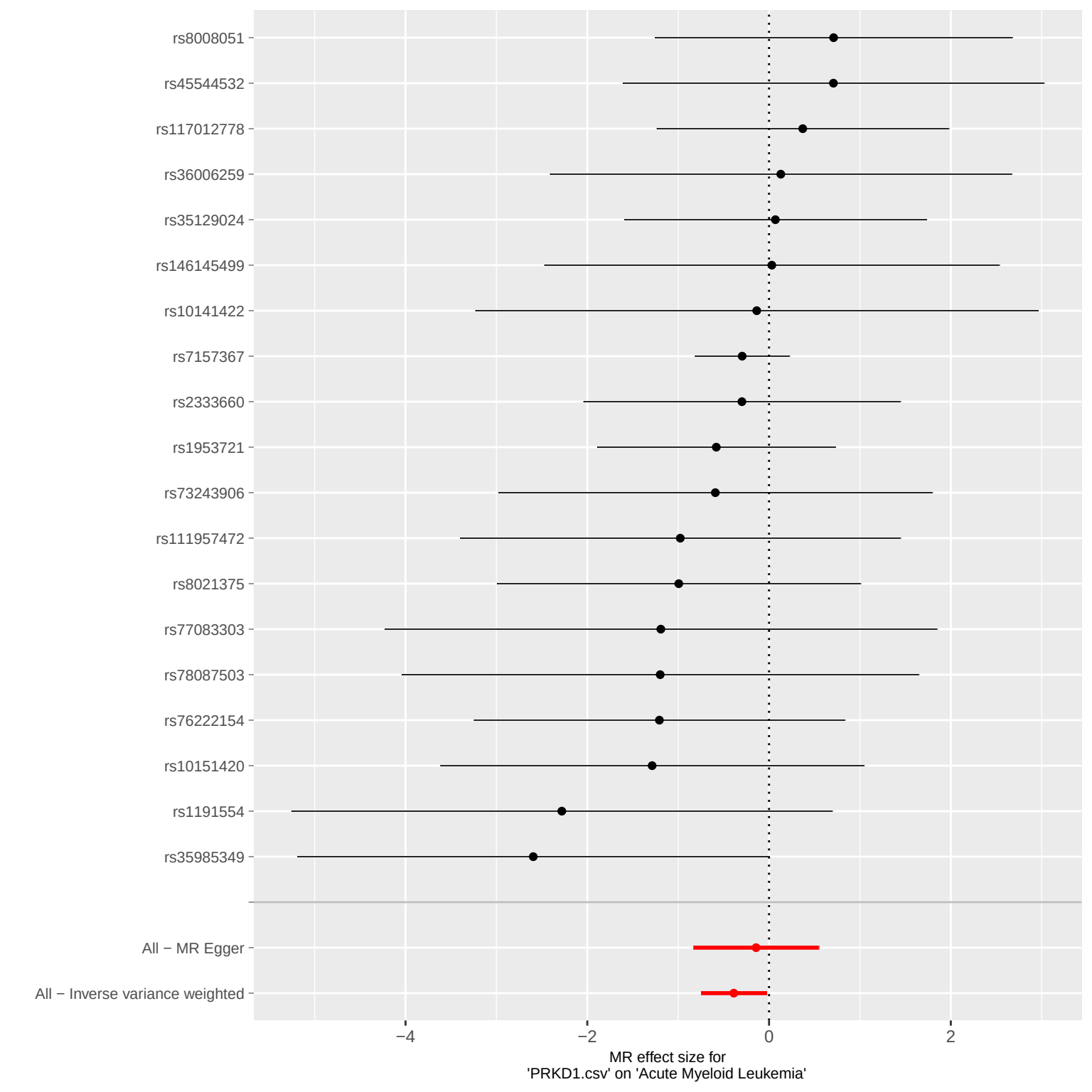
MR effect size for
'PRKCQ−AS1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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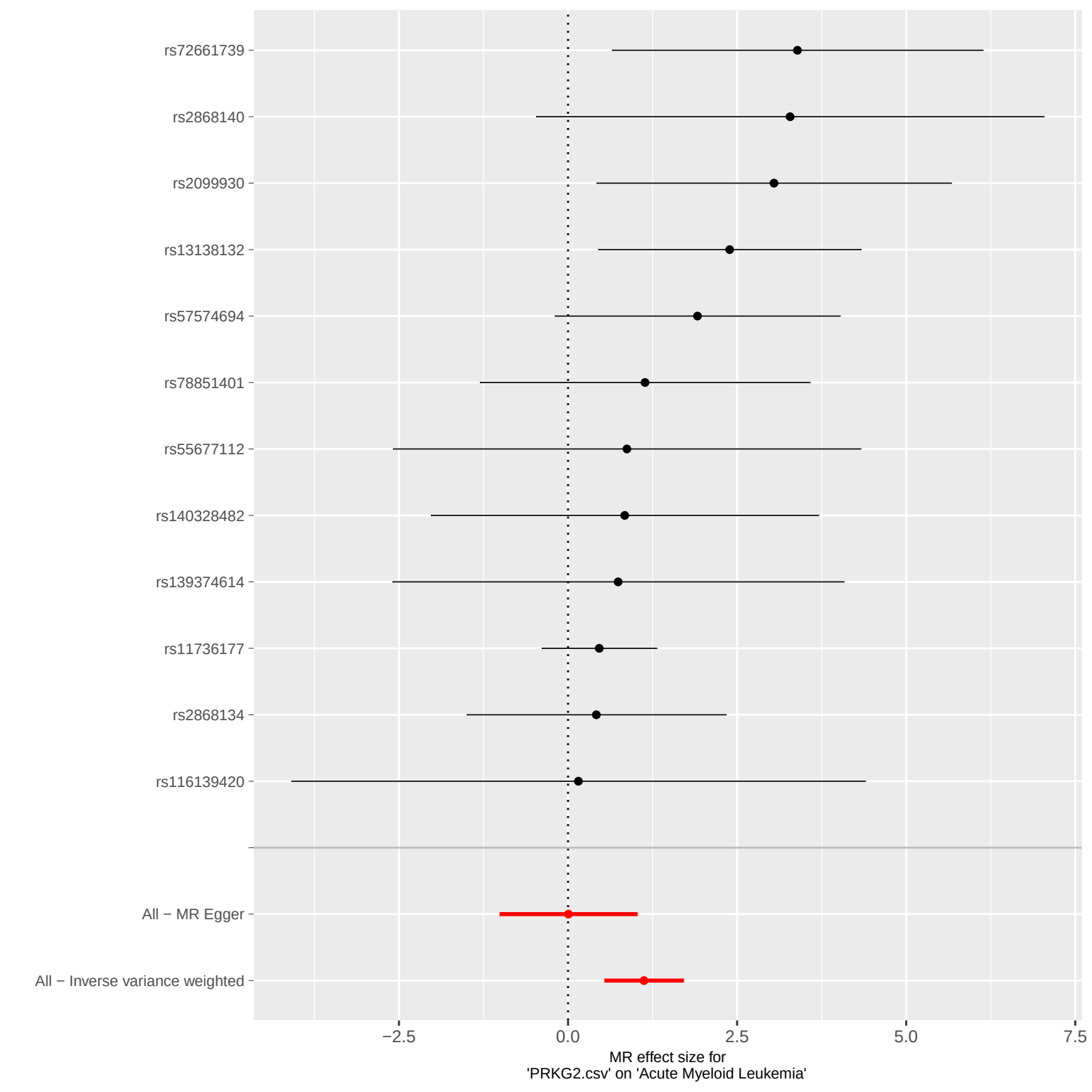
MR effect size for
'PRKD1.csv' on 'Acute Myeloid Leukemia'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rs2868134
rs116139420
All − MR Egger
All − Inverse variance weighted
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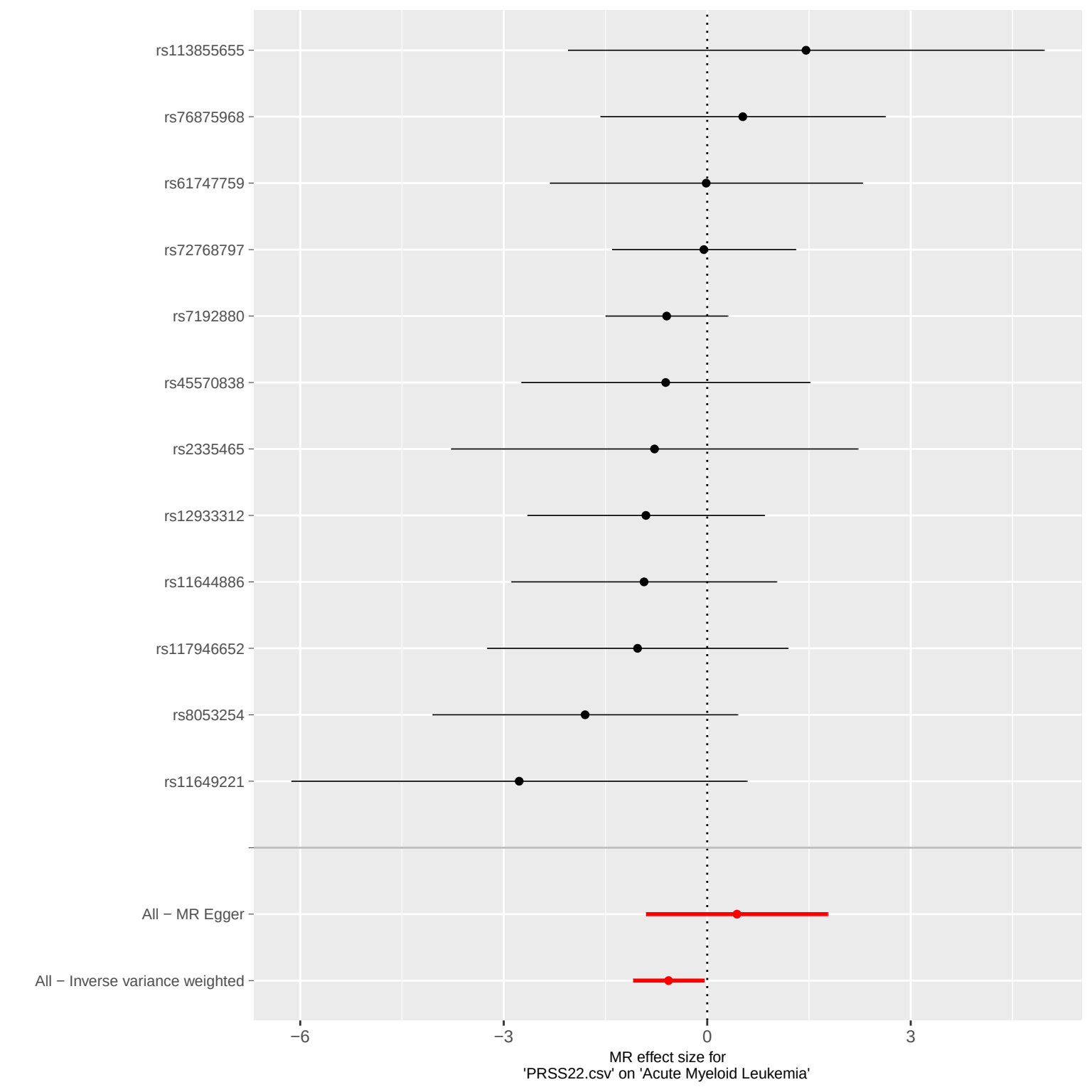
0.0
2.5
5.0
7.5
MR effect size for
'PRKG2.csv' on 'Acute Myeloid Leukemia'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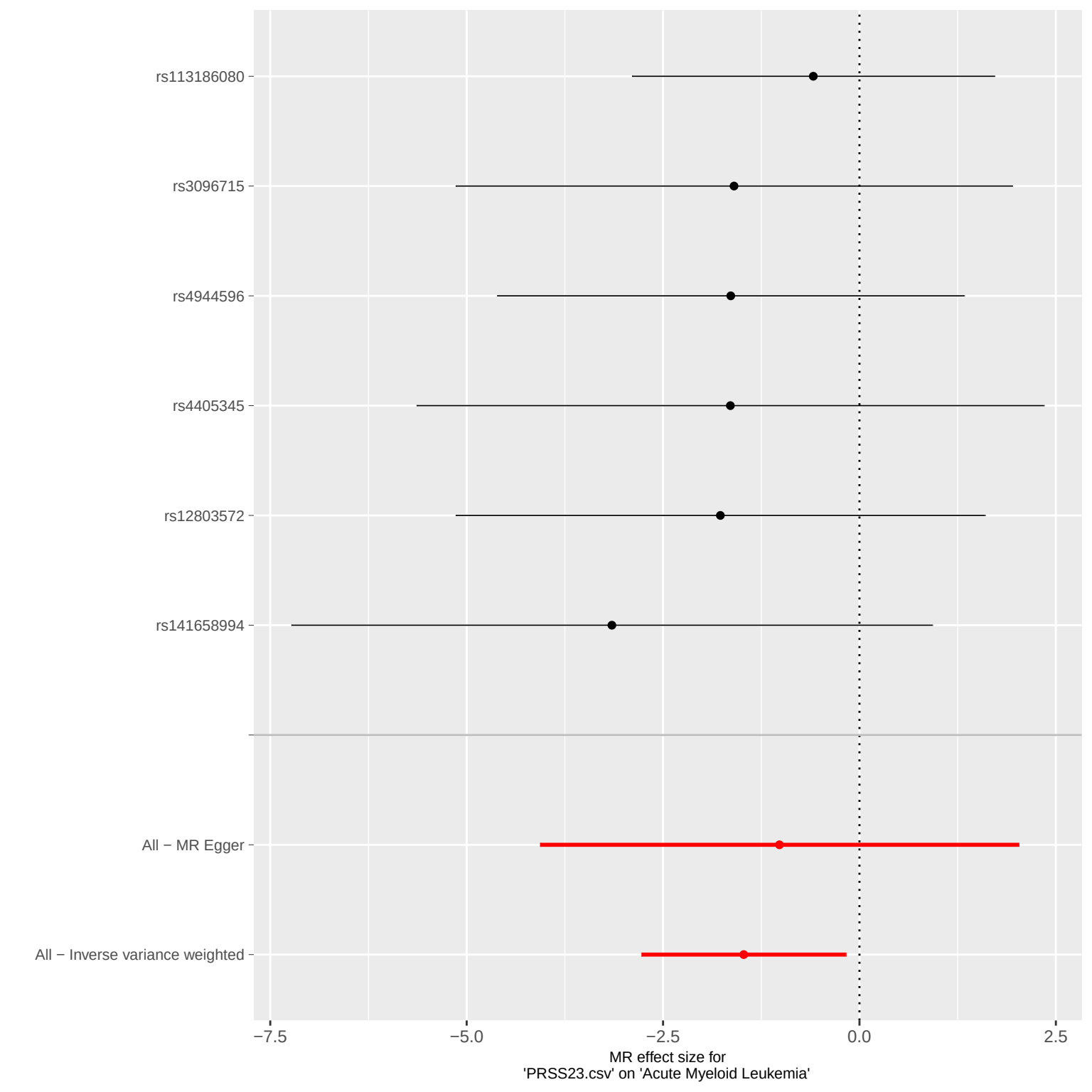
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'PRSS22.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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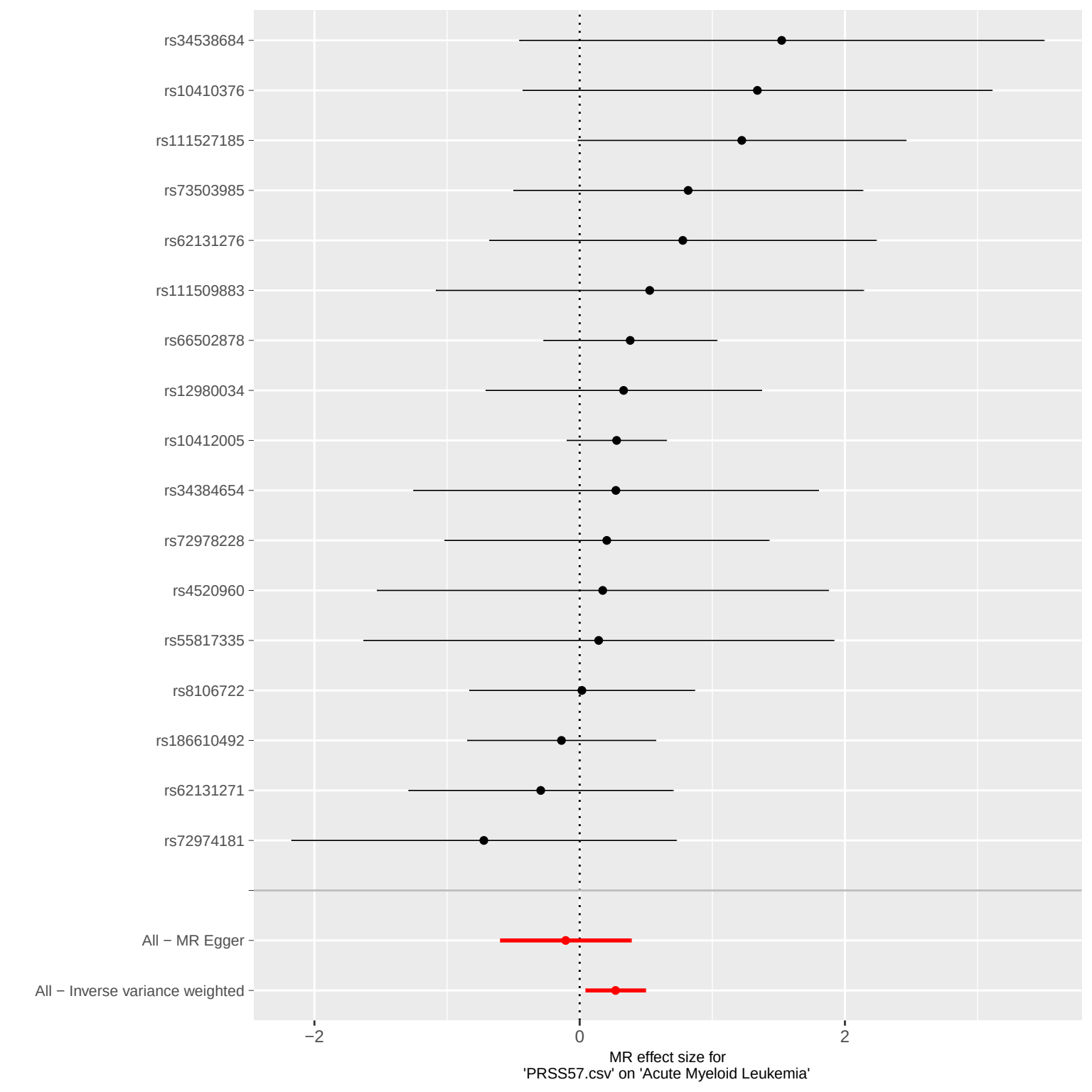
−2.5
0.0
2.5
MR effect size for
'PRSS23.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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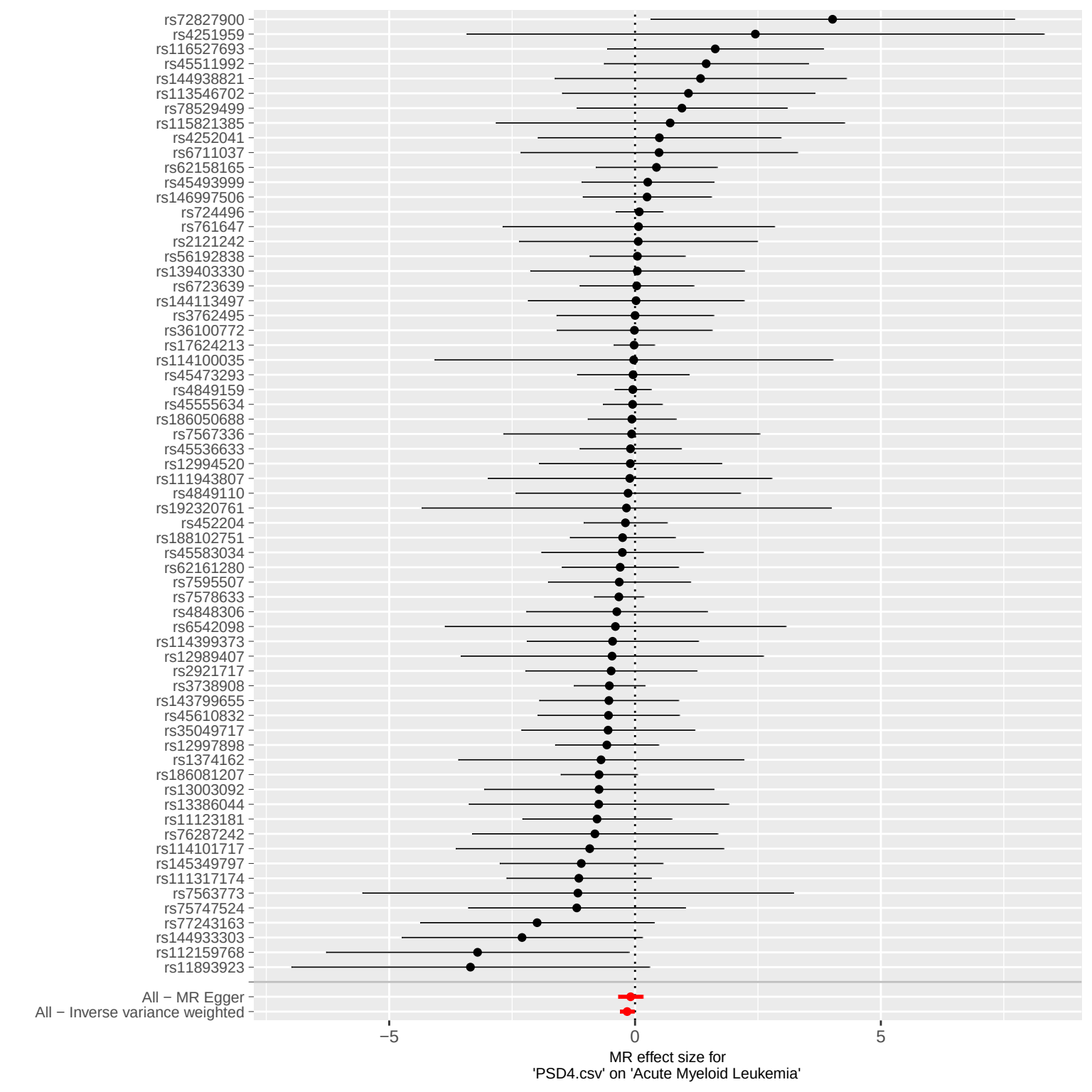
MR effect size for
'PRSS57.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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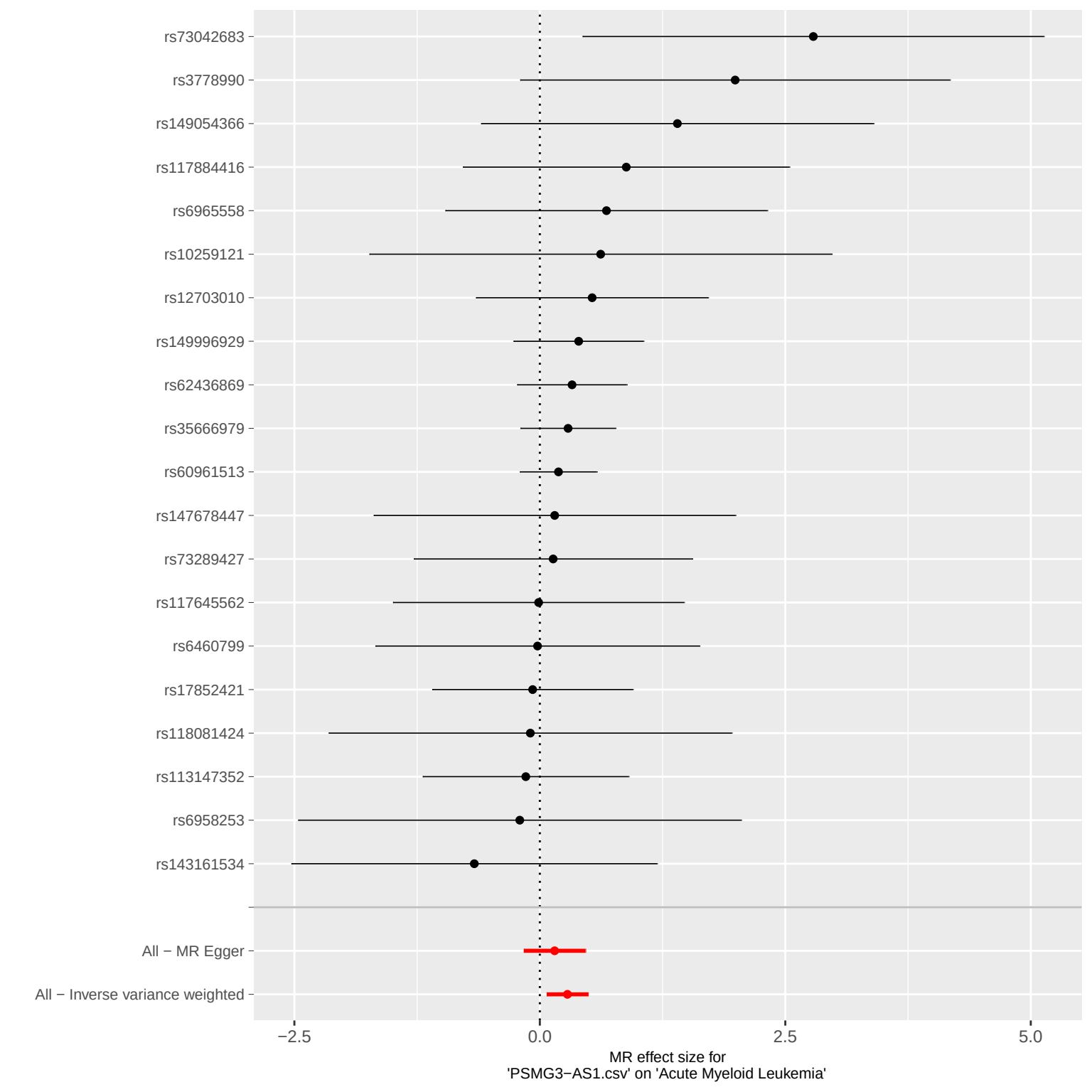
MR effect size for
'PSD4.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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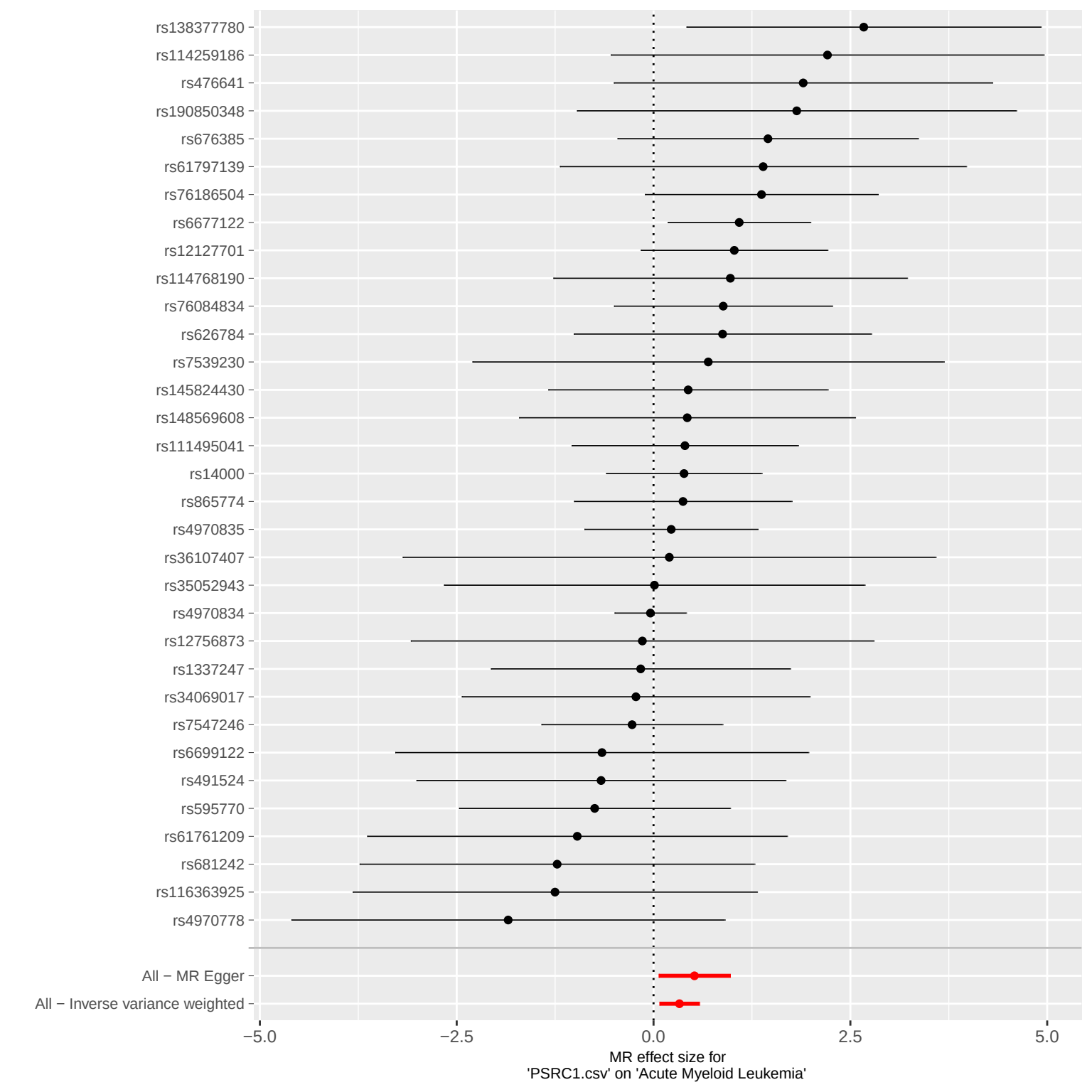
2.5
5.0
MR effect size for
'PSMG3−AS1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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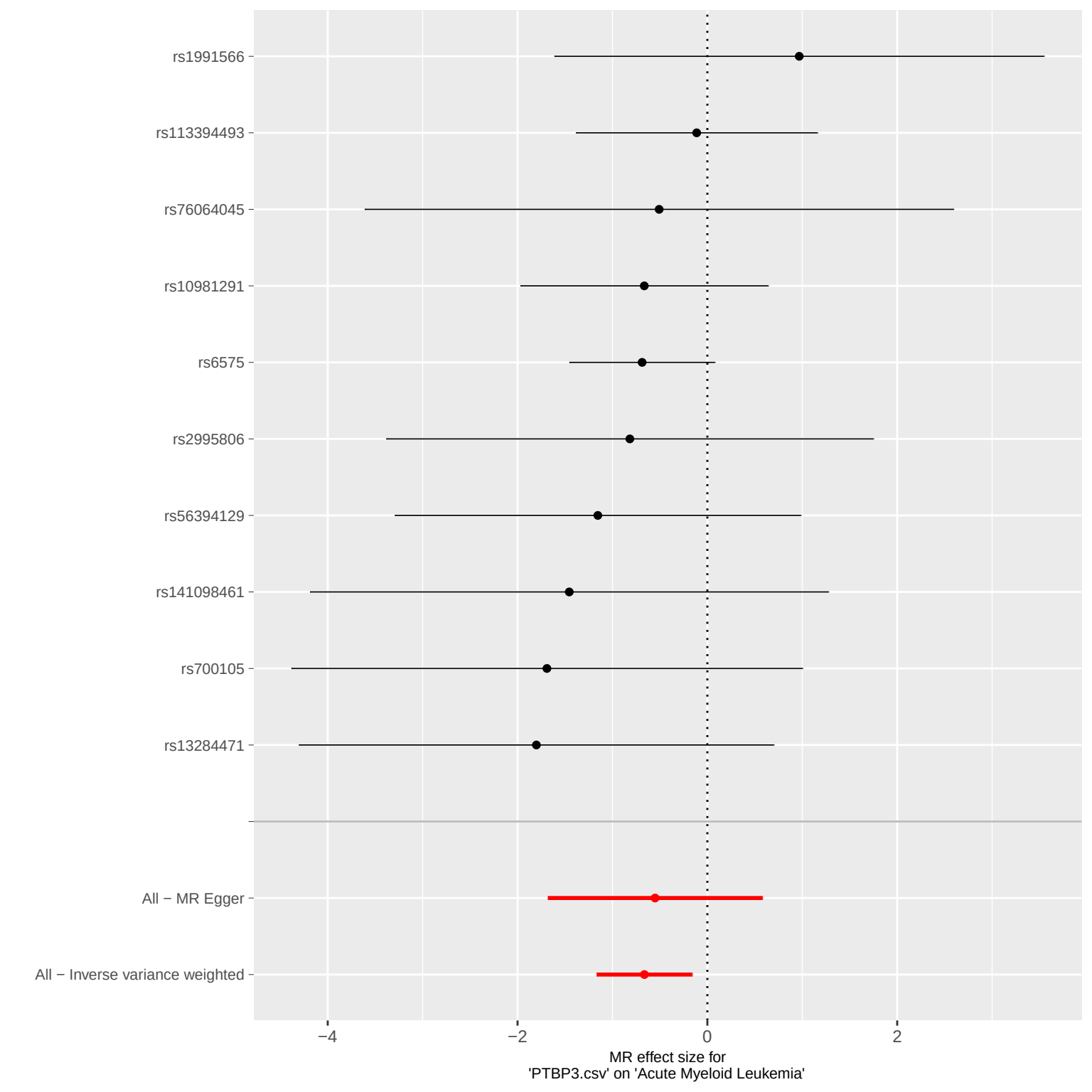
2.5
5.0
MR effect size for
'PSRC1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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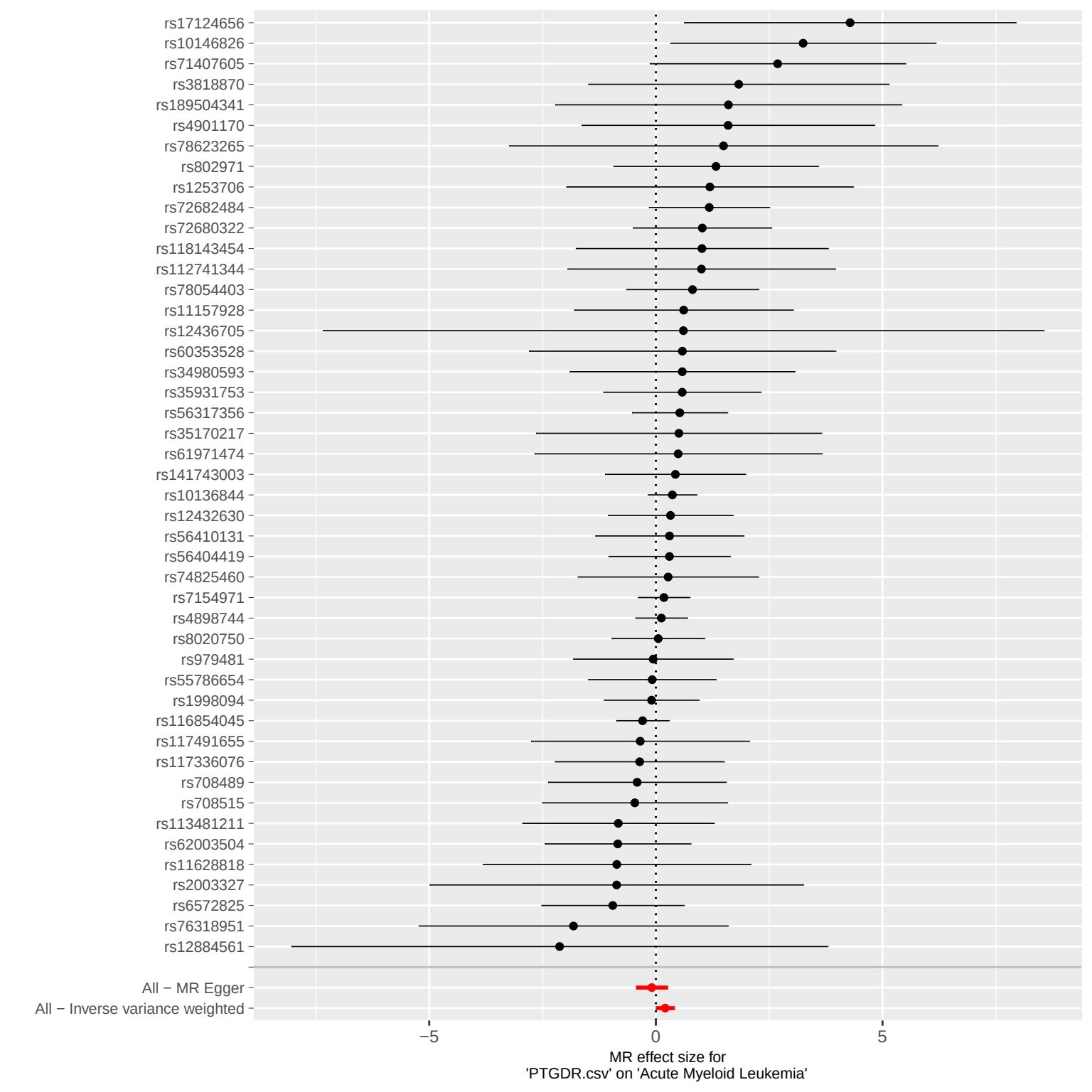
2
MR effect size for
'PTBP3.csv' on 'Acute Myeloid Leukemia'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rs6572825
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All − MR Egger
All − Inverse variance weighted
−5
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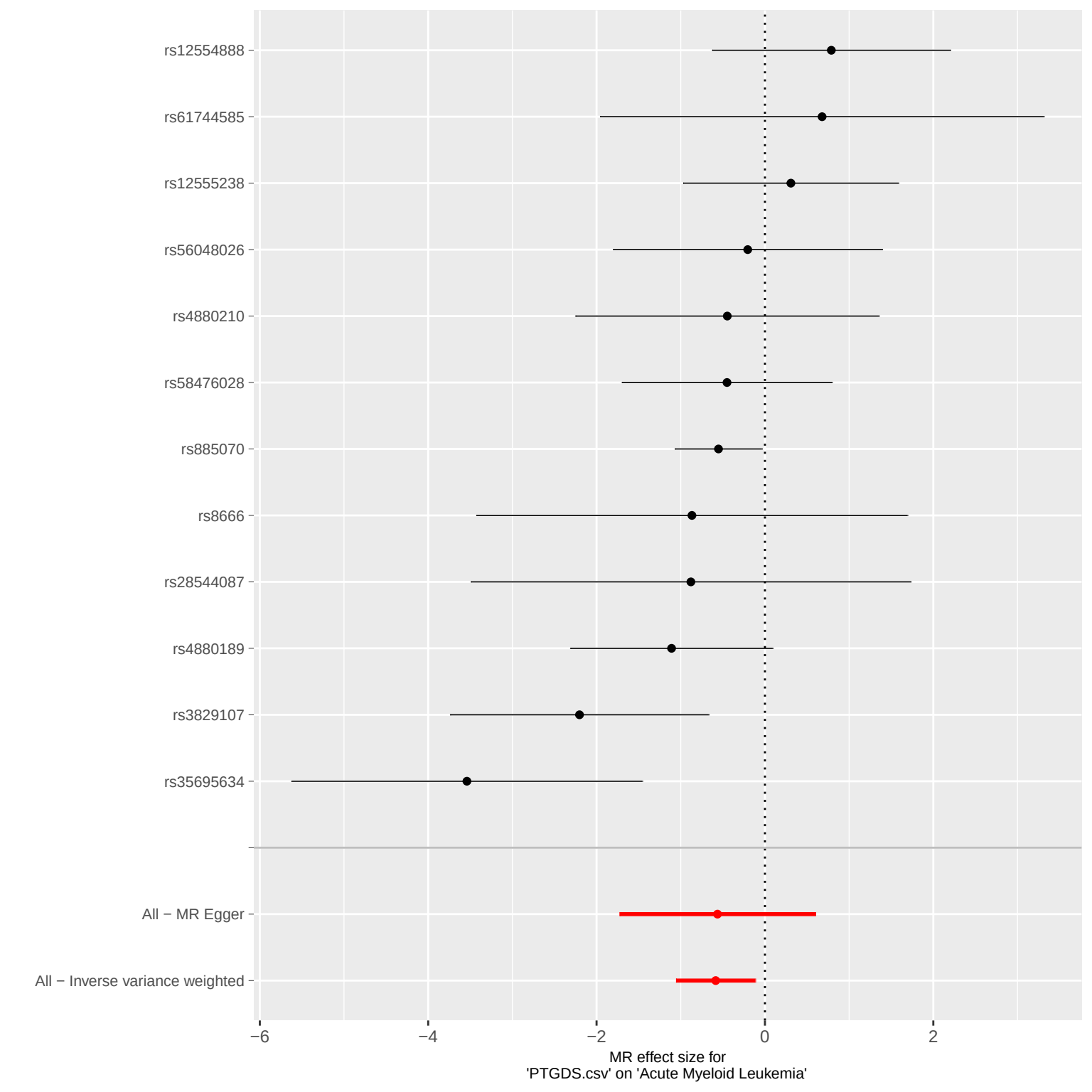
MR effect size for
'PTGDR.csv' on 'Acute Myeloid Leukemia'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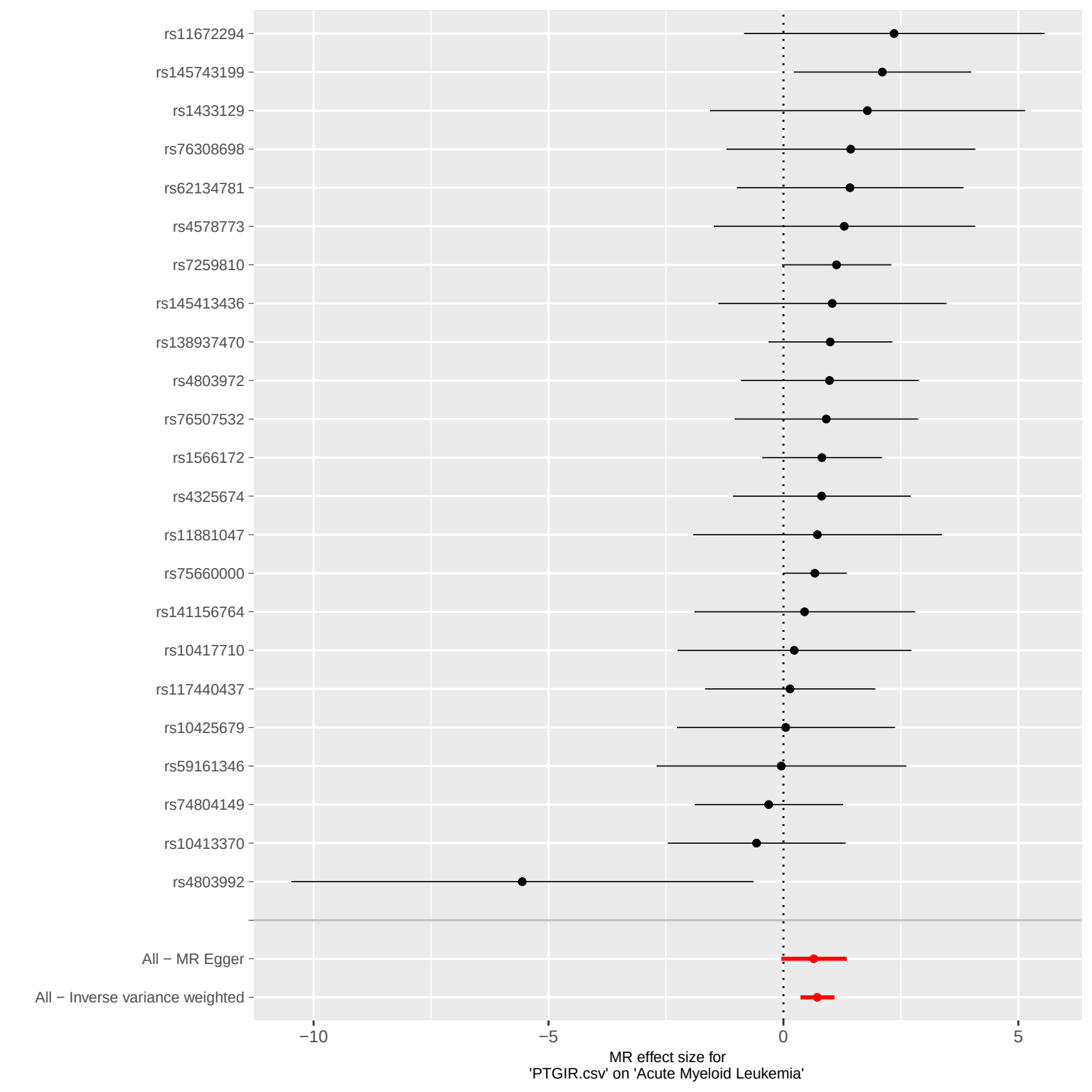
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'PTGDS.csv' on 'Acute Myeloid Leukemia'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rs74804149
rs10413370
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All − MR Egger
All − Inverse variance weighted
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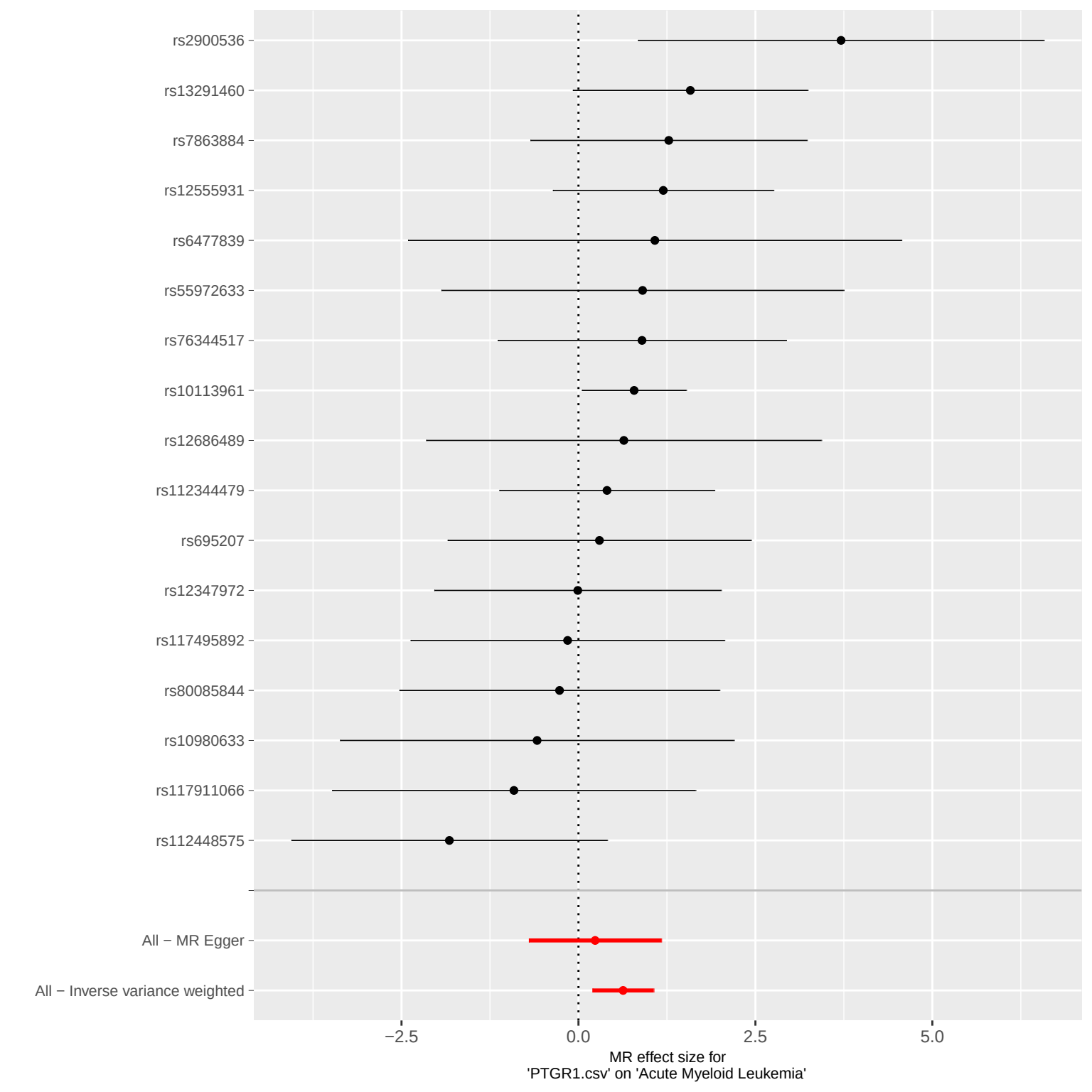
MR effect size for
'PTGIR.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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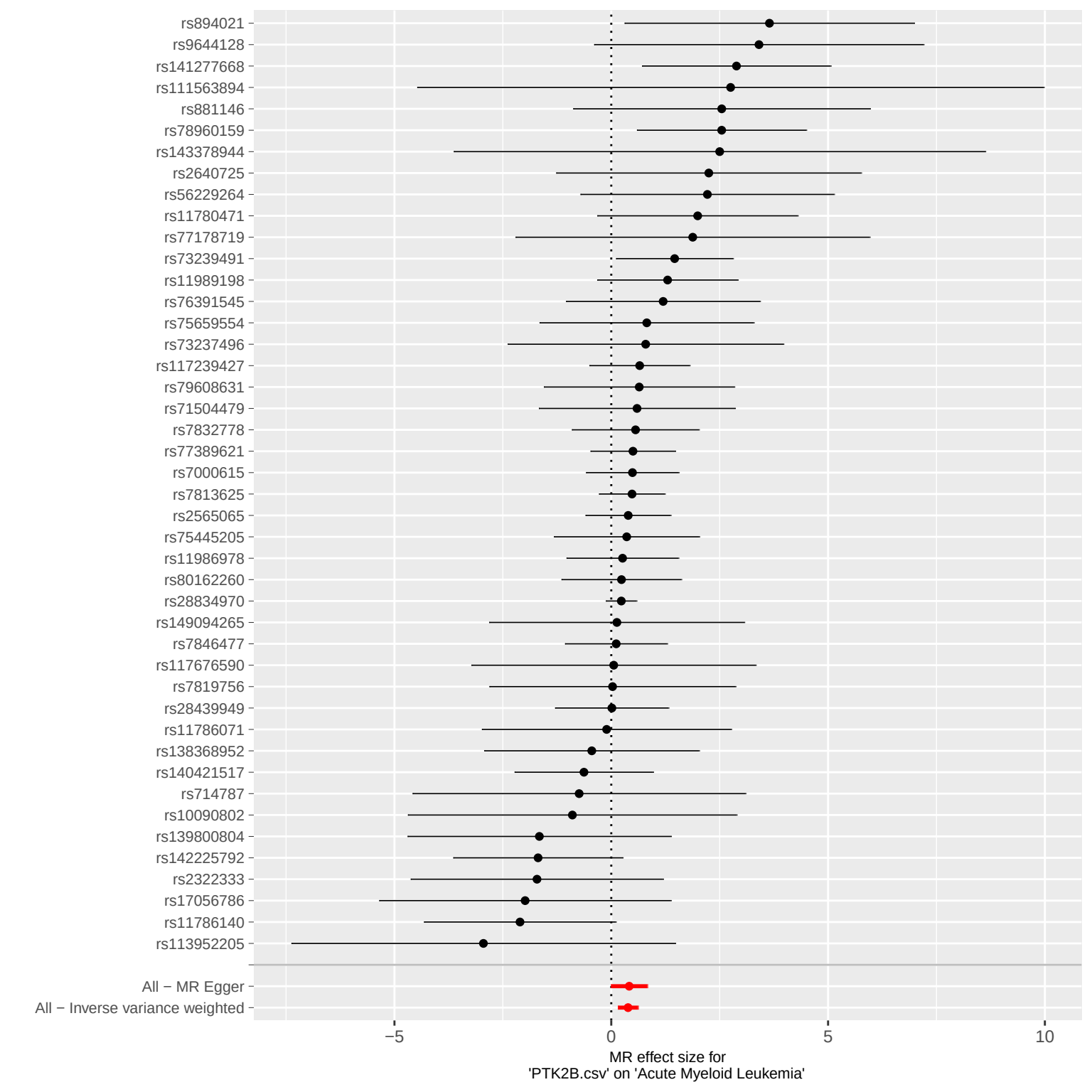
0.0
2.5
5.0
MR effect size for
'PTGR1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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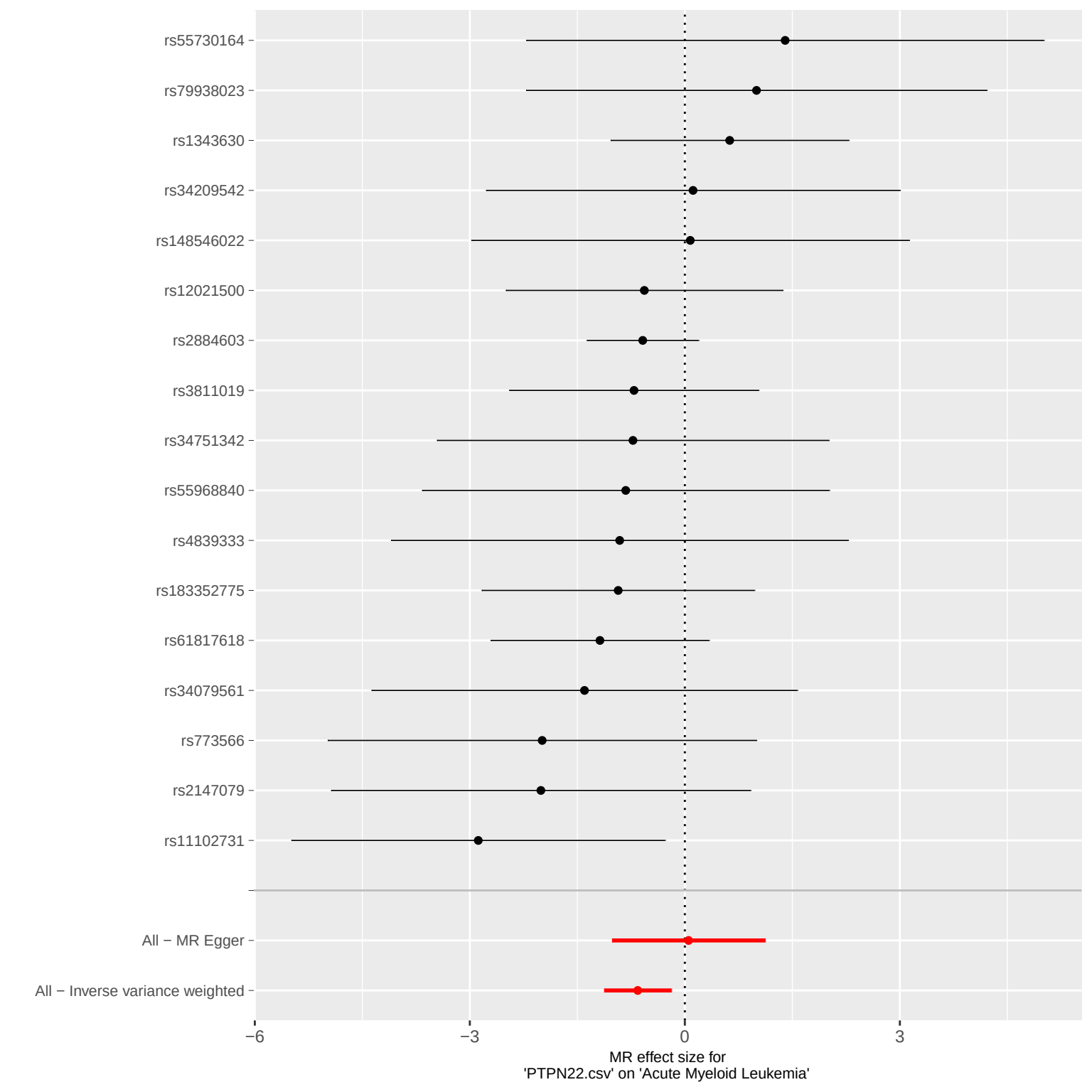
5
10
MR effect size for
'PTK2B.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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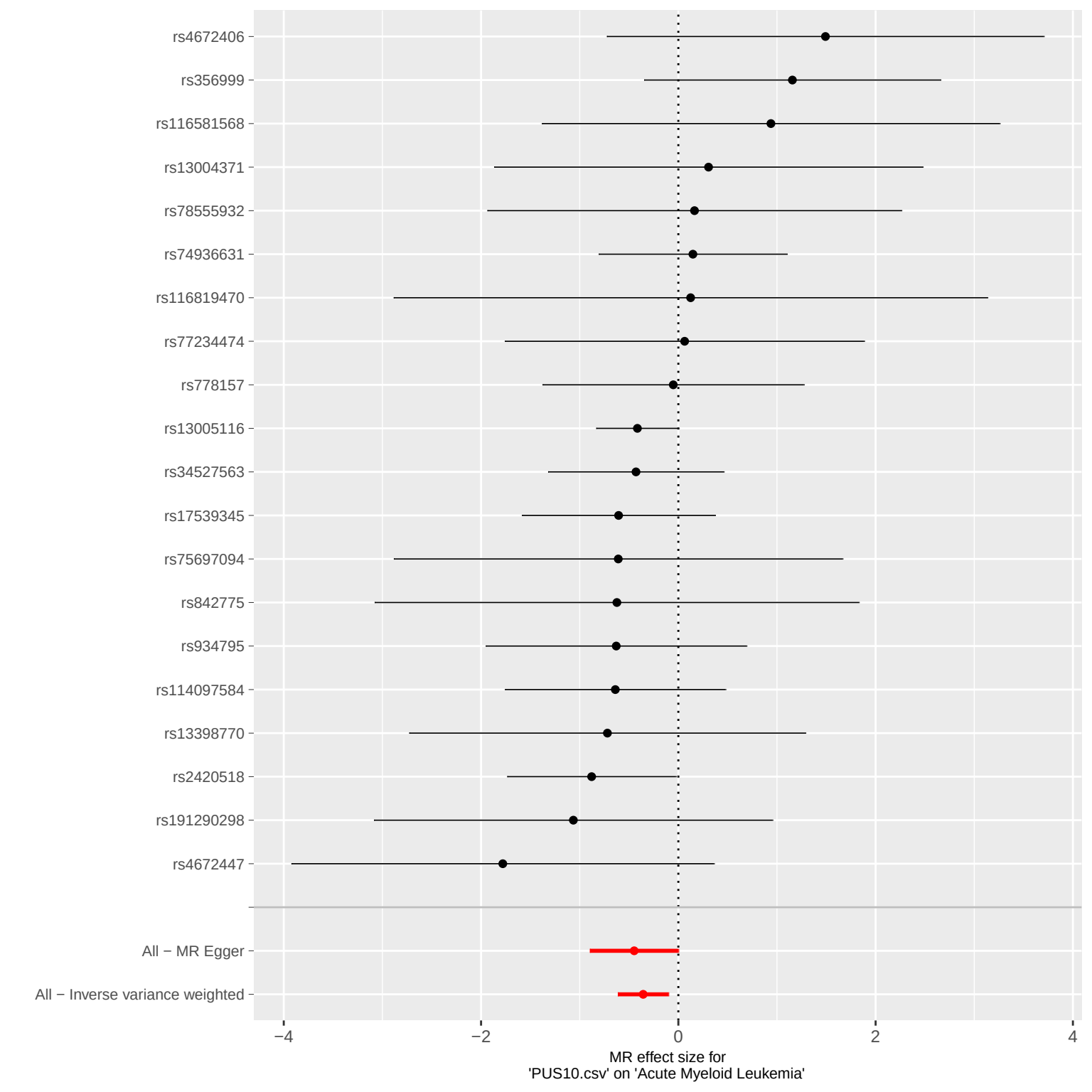
MR effect size for
'PTPN22.csv' on 'Acute Myeloid Leukemia'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rs934795
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rs13398770
rs2420518
rs191290298
rs4672447
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
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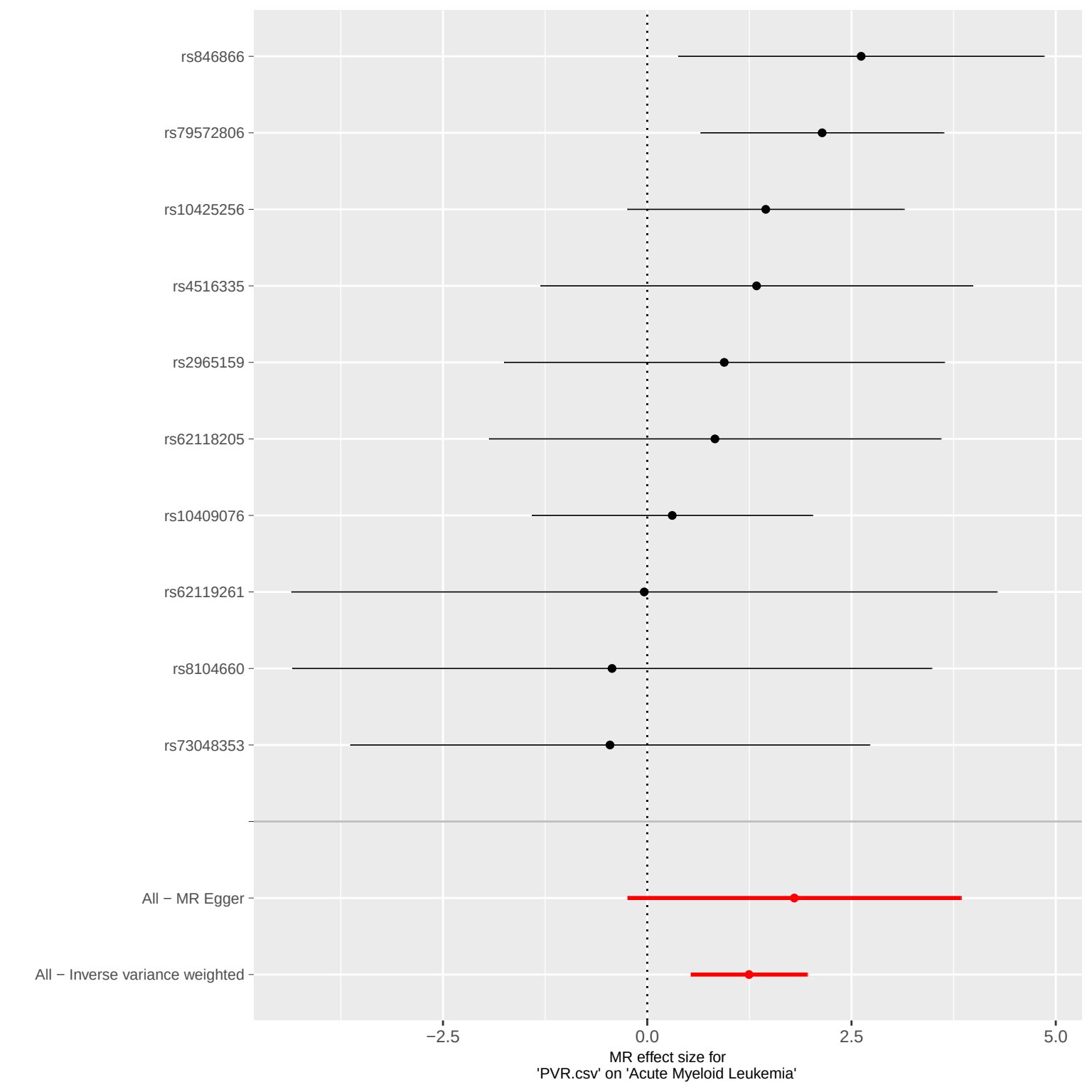
MR effect size for
'PUS10.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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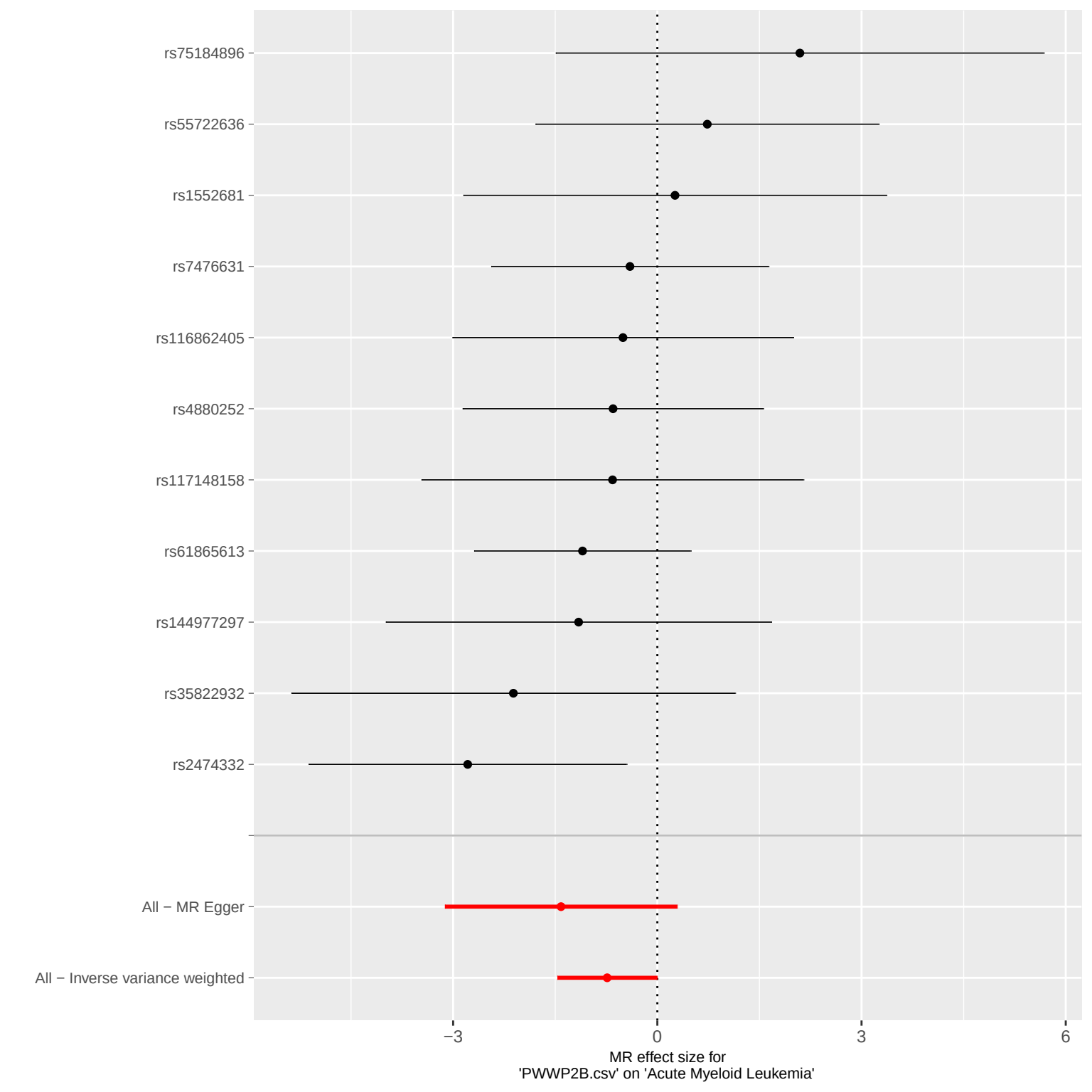
2.5
5.0
MR effect size for
'PVR.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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3
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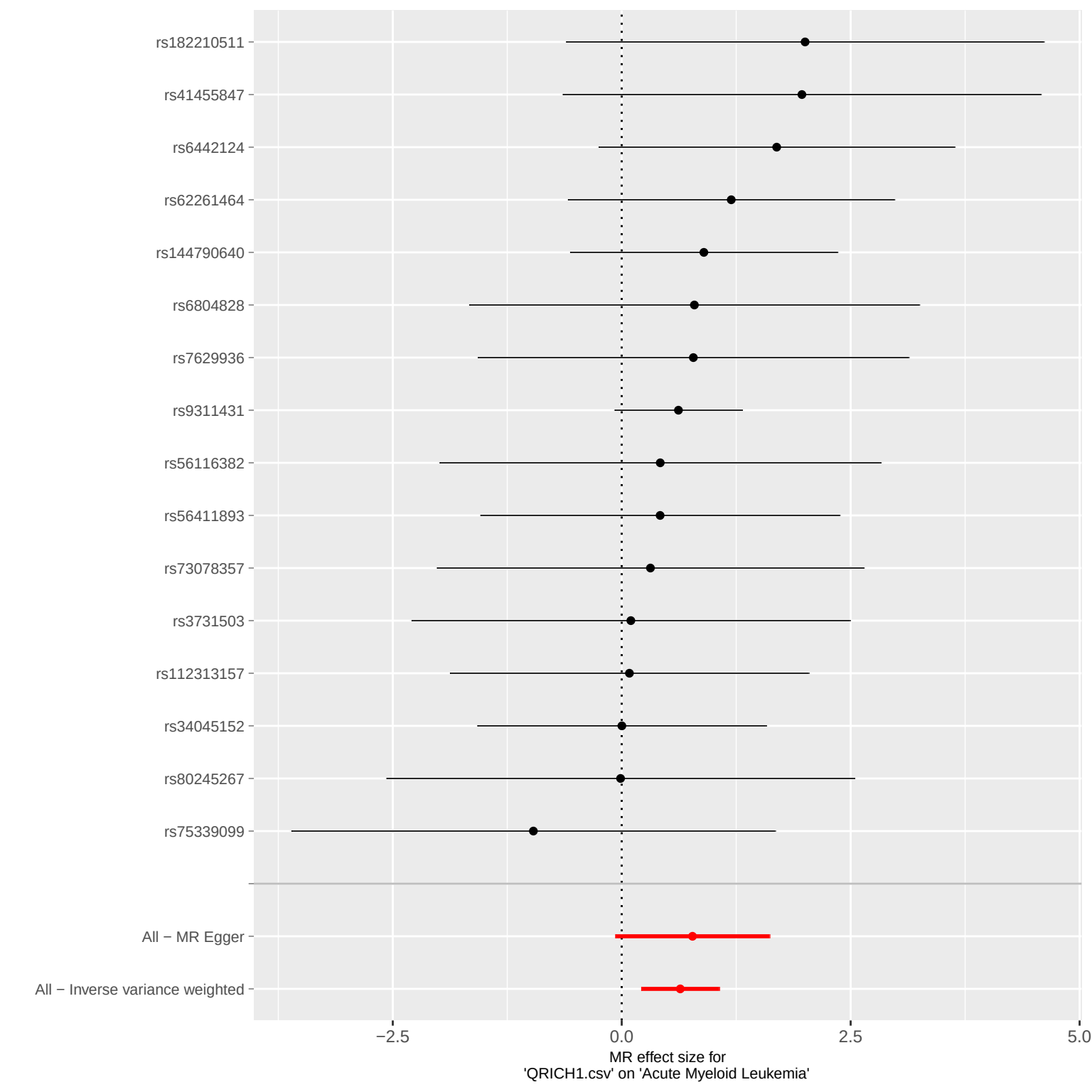
MR effect size for
'PWWP2B.csv' on 'Acute Myeloid Leukemia'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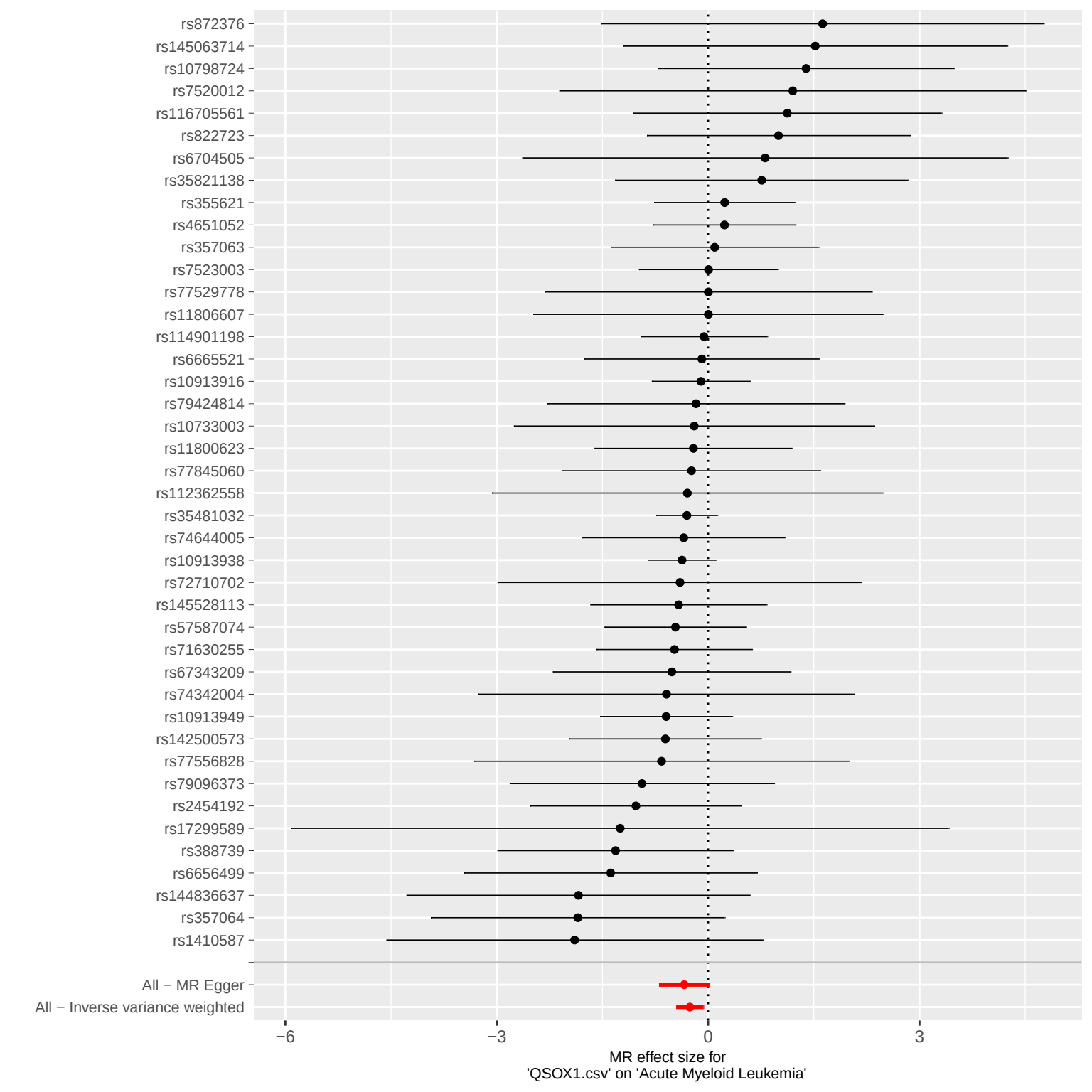
rs34045152
rs80245267
rs75339099
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'QRICH1.csv' on 'Acute Myeloid Leukemia'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rs11806607
rs114901198
rs6665521
rs10913916
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rs35481032
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rs67343209
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rs142500573
rs77556828
rs79096373
rs2454192
rs17299589
rs388739
rs6656499
rs144836637
rs357064
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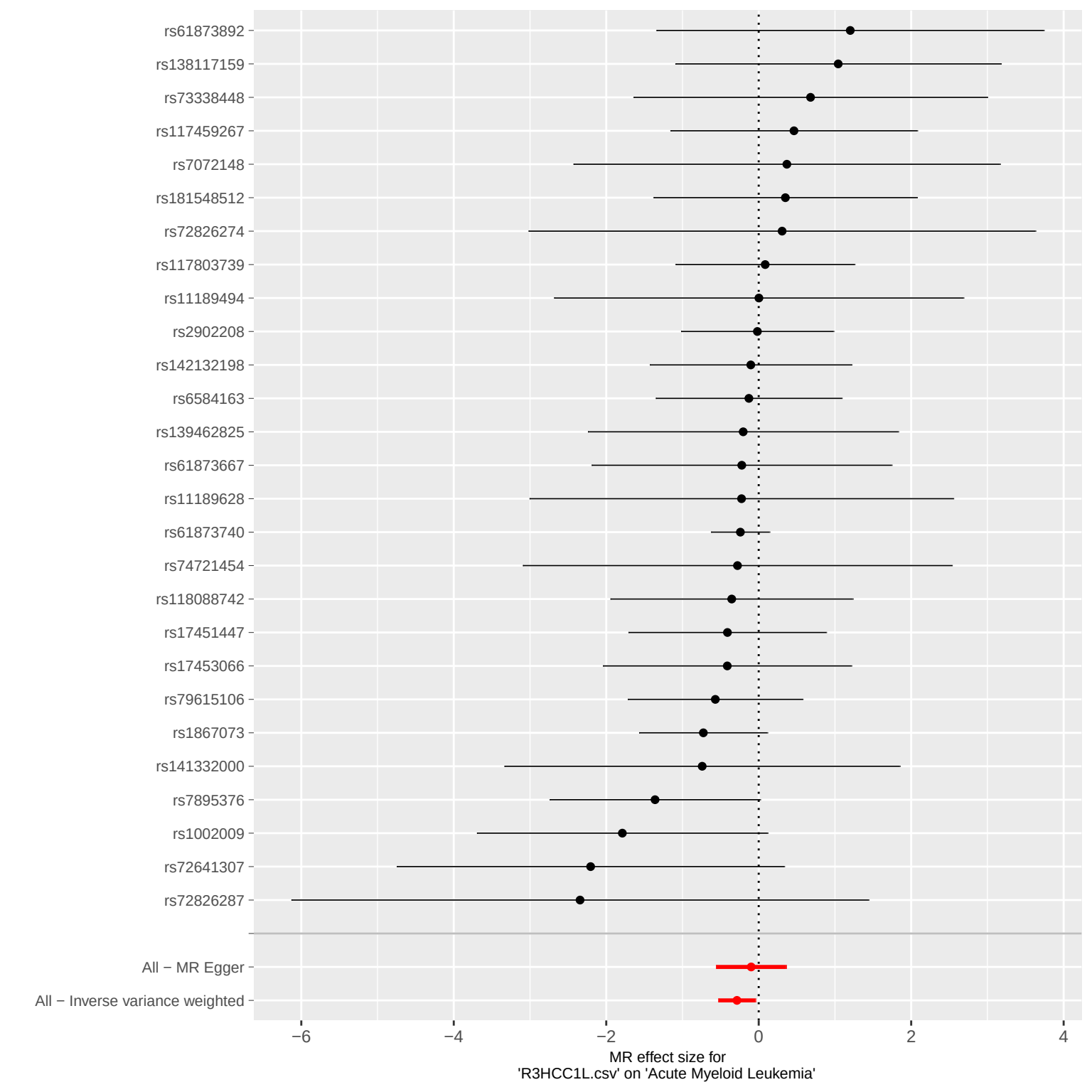
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'QSOX1.csv' on 'Acute Myeloid Leukemia'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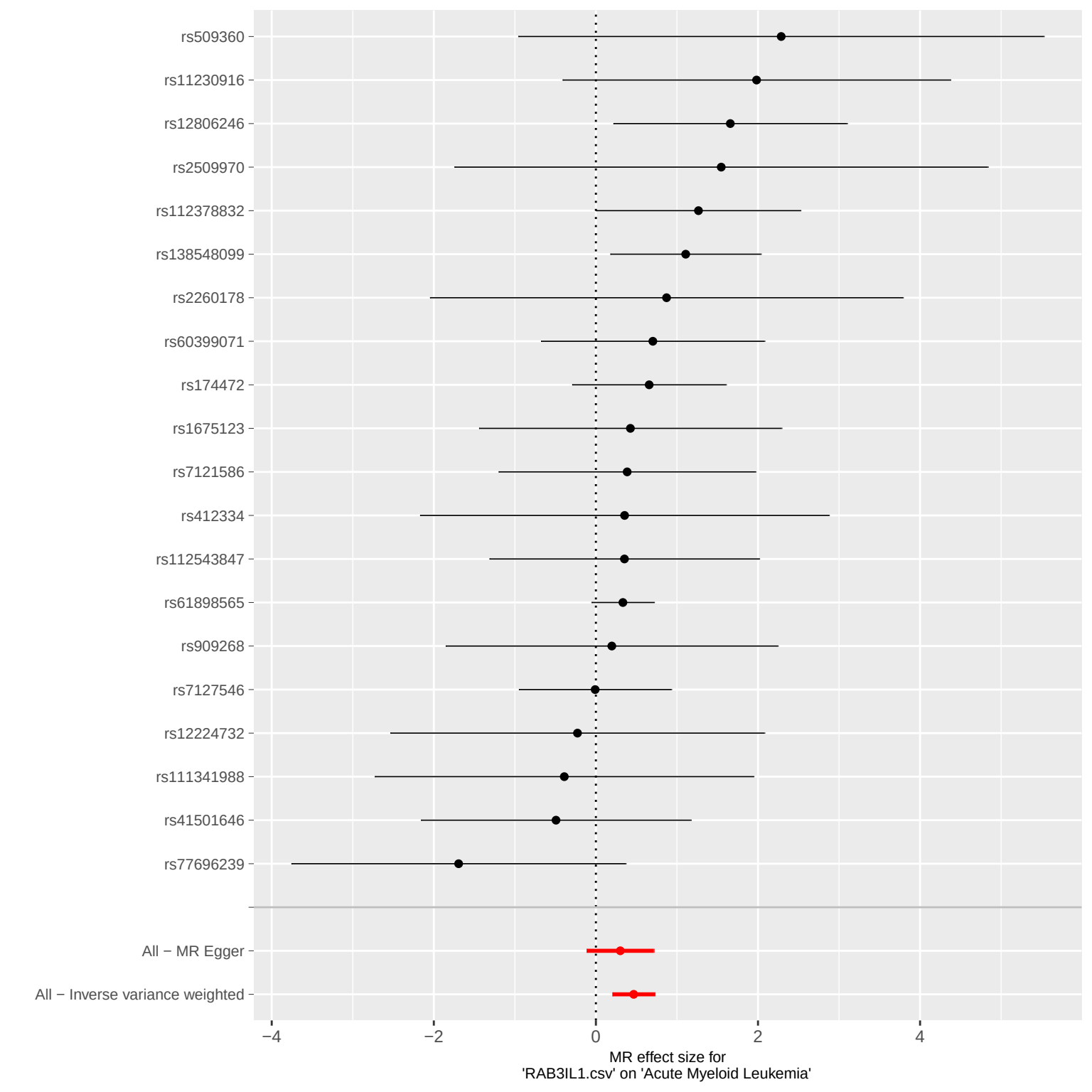
rs6584163
rs139462825
rs61873667
rs11189628
rs61873740
rs74721454
rs118088742
rs17451447
rs17453066
rs79615106
rs1867073
rs141332000
rs7895376
rs1002009
rs72641307
rs72826287
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'R3HCC1L.csv' on 'Acute Myeloid Leukemia'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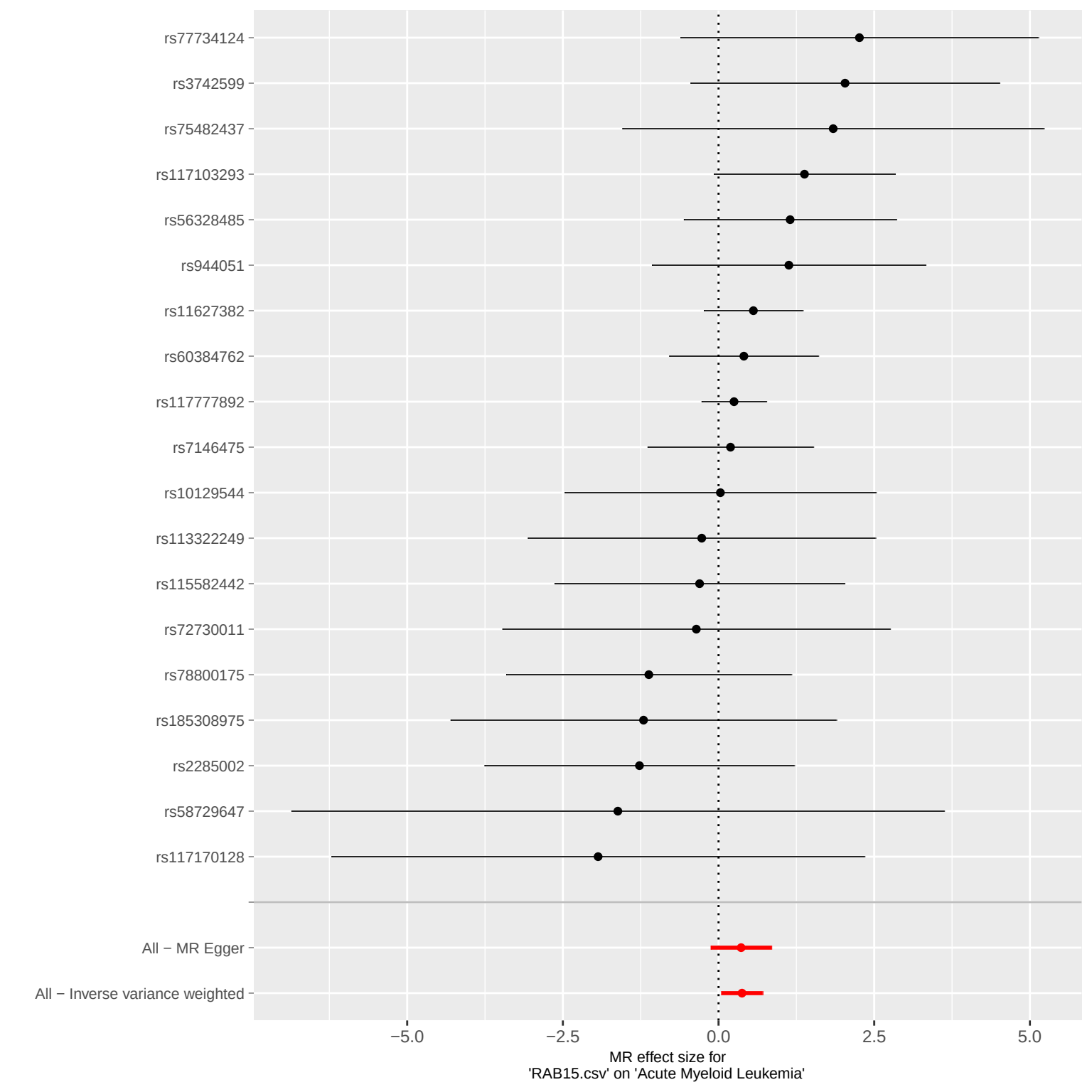
rs412334
rs112543847
rs61898565
rs909268
rs7127546
rs12224732
rs111341988
rs41501646
rs77696239
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'RAB3IL1.csv' on 'Acute Myeloid Leukemia'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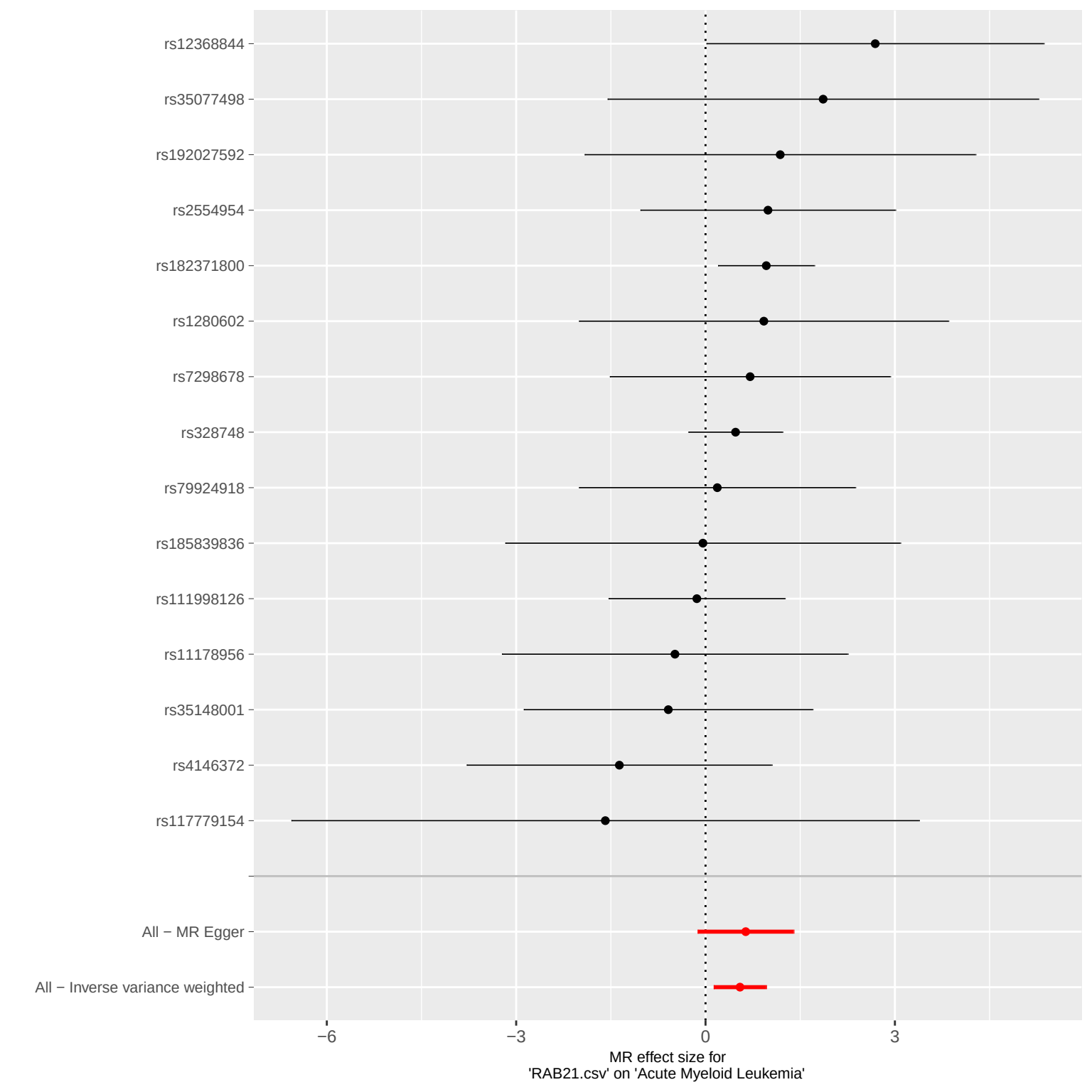
rs7146475
rs10129544
rs113322249
rs115582442
rs72730011
rs78800175
rs185308975
rs2285002
rs58729647
rs117170128
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'RAB15.csv' on 'Acute Myeloid Leukemia'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rs182371800
rs1280602
rs7298678
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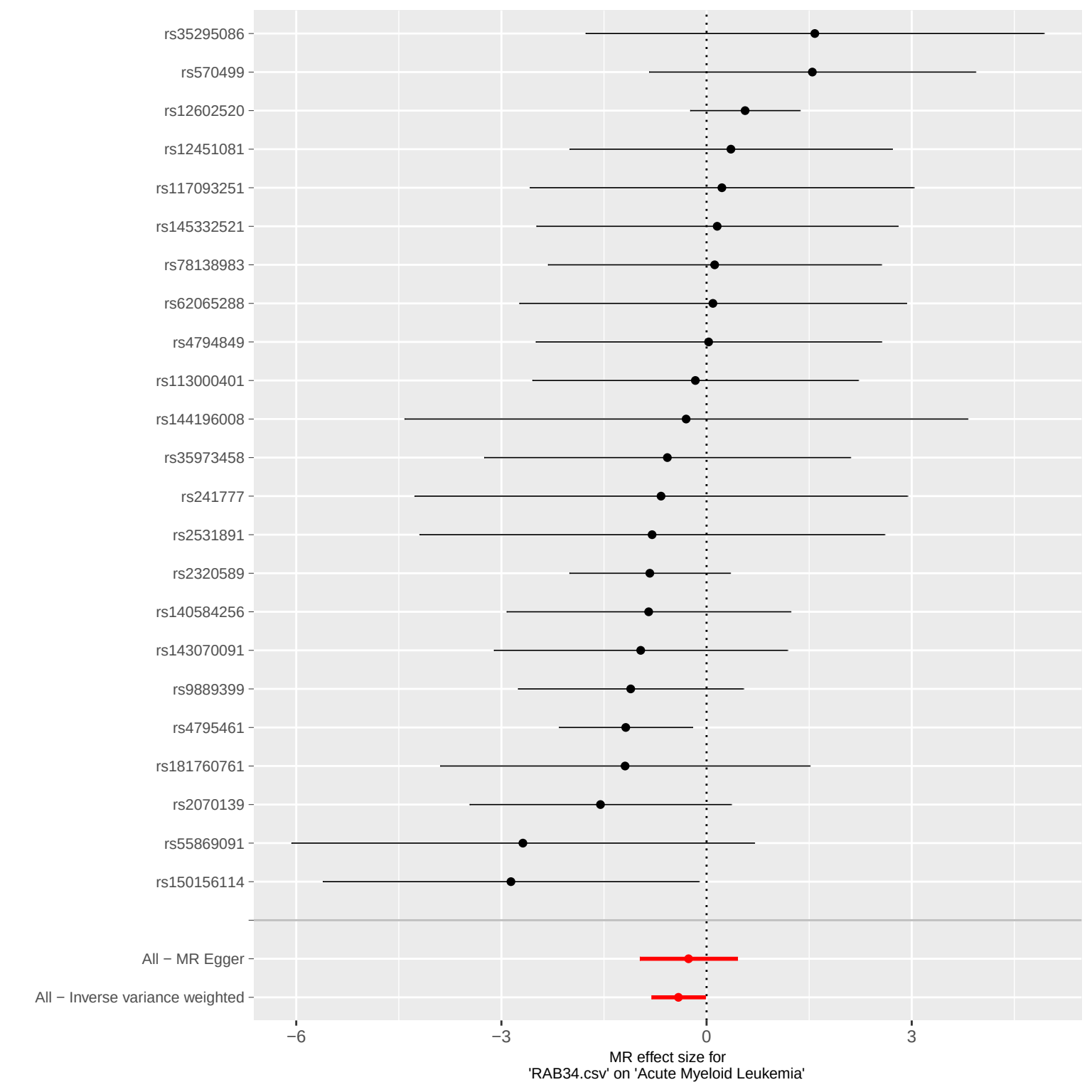
rs111998126
rs11178956
rs35148001
rs4146372
rs117779154
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'RAB21.csv' on 'Acute Myeloid Leukemia'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rs144196008
rs35973458
rs241777
rs2531891
rs2320589
rs140584256
rs143070091
rs9889399
rs4795461
rs181760761
rs2070139
rs55869091
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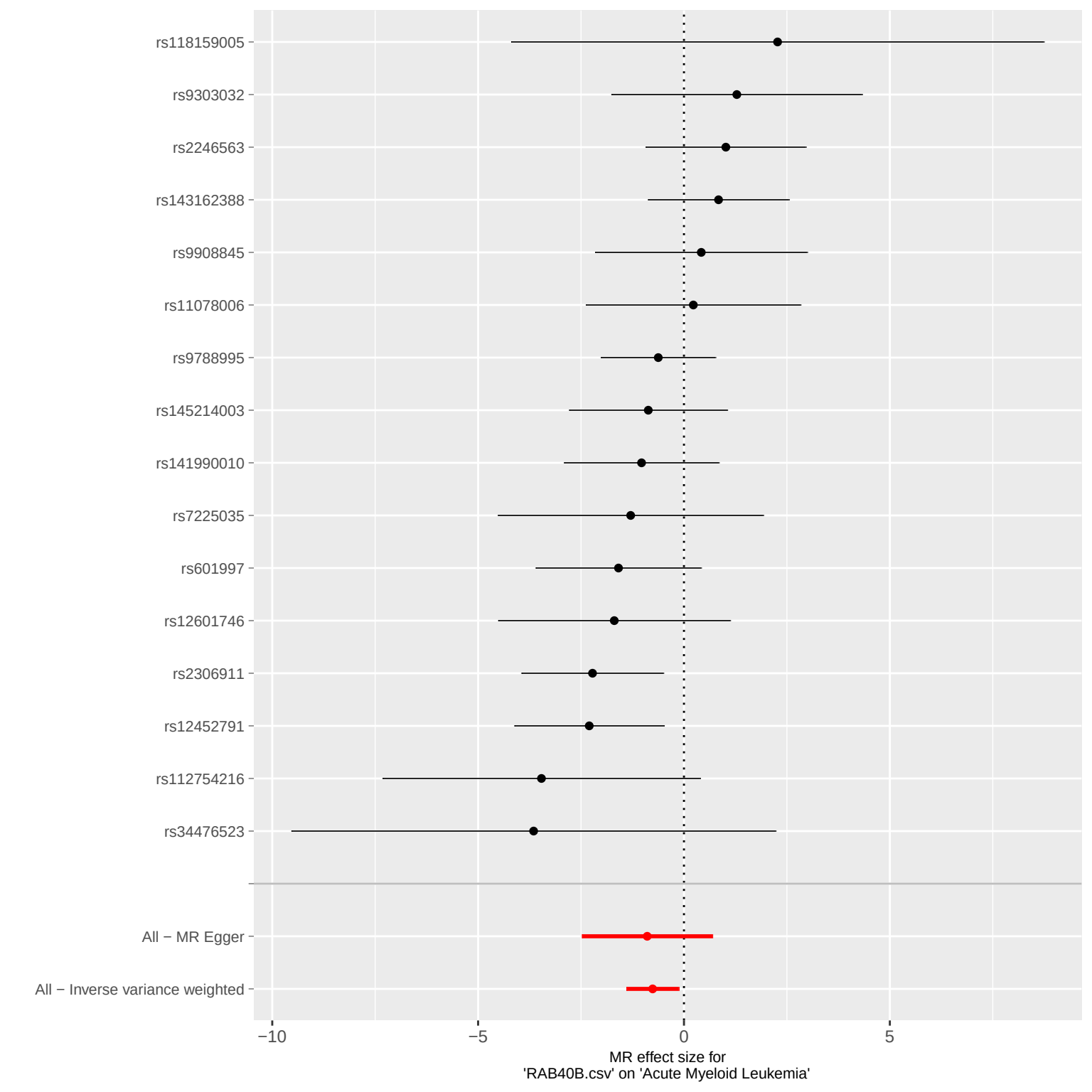
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'RAB34.csv' on 'Acute Myeloid Leukemia'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rs9788995
rs145214003
rs141990010
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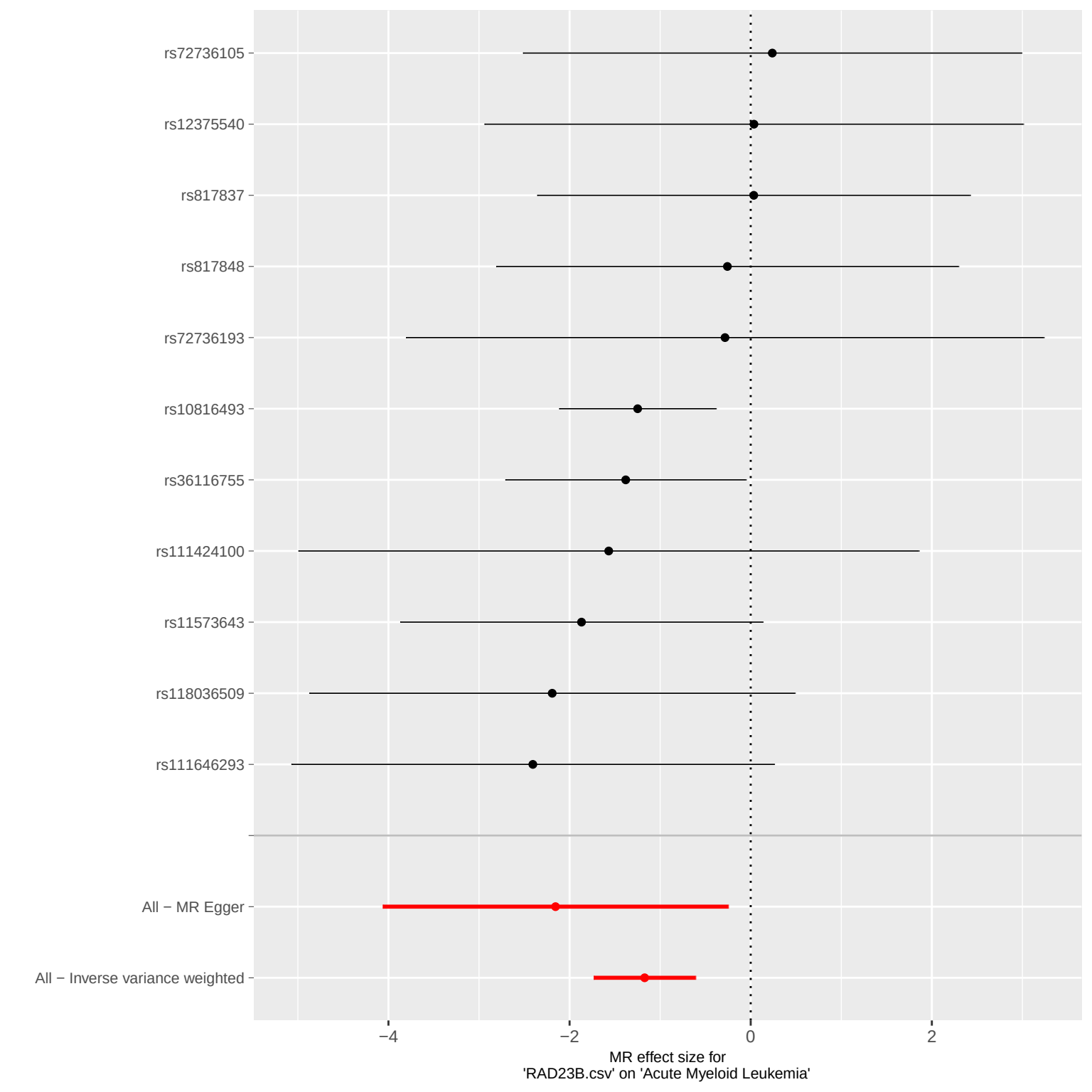
rs601997
rs12601746
rs2306911
rs12452791
rs112754216
rs34476523
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'RAB40B.csv' on 'Acute Myeloid Leukemia'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rs12375540
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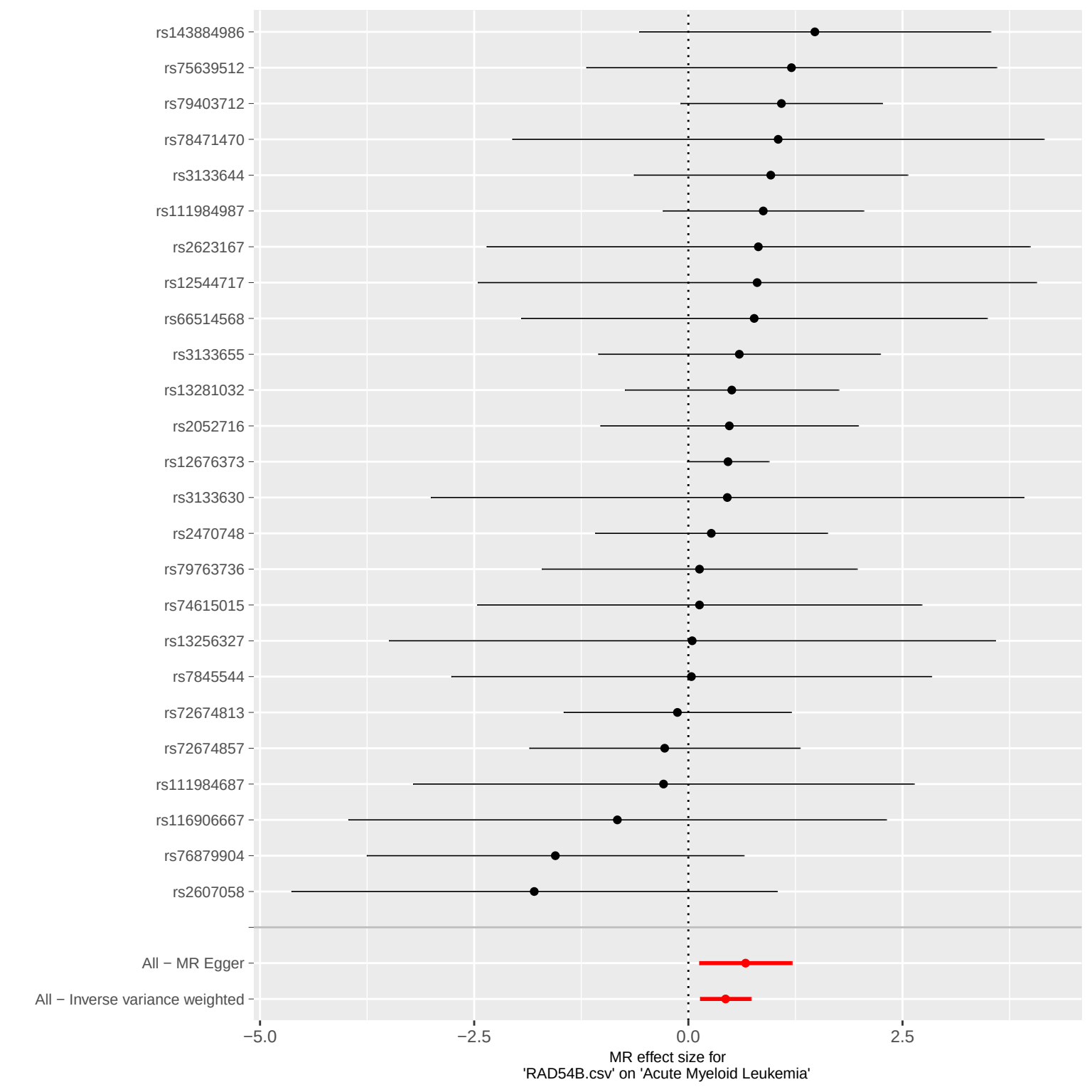
rs72736193
rs10816493
rs36116755
rs111424100
rs11573643
rs118036509
rs111646293
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RAD23B.csv' on 'Acute Myeloid Leukemia'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rs75639512
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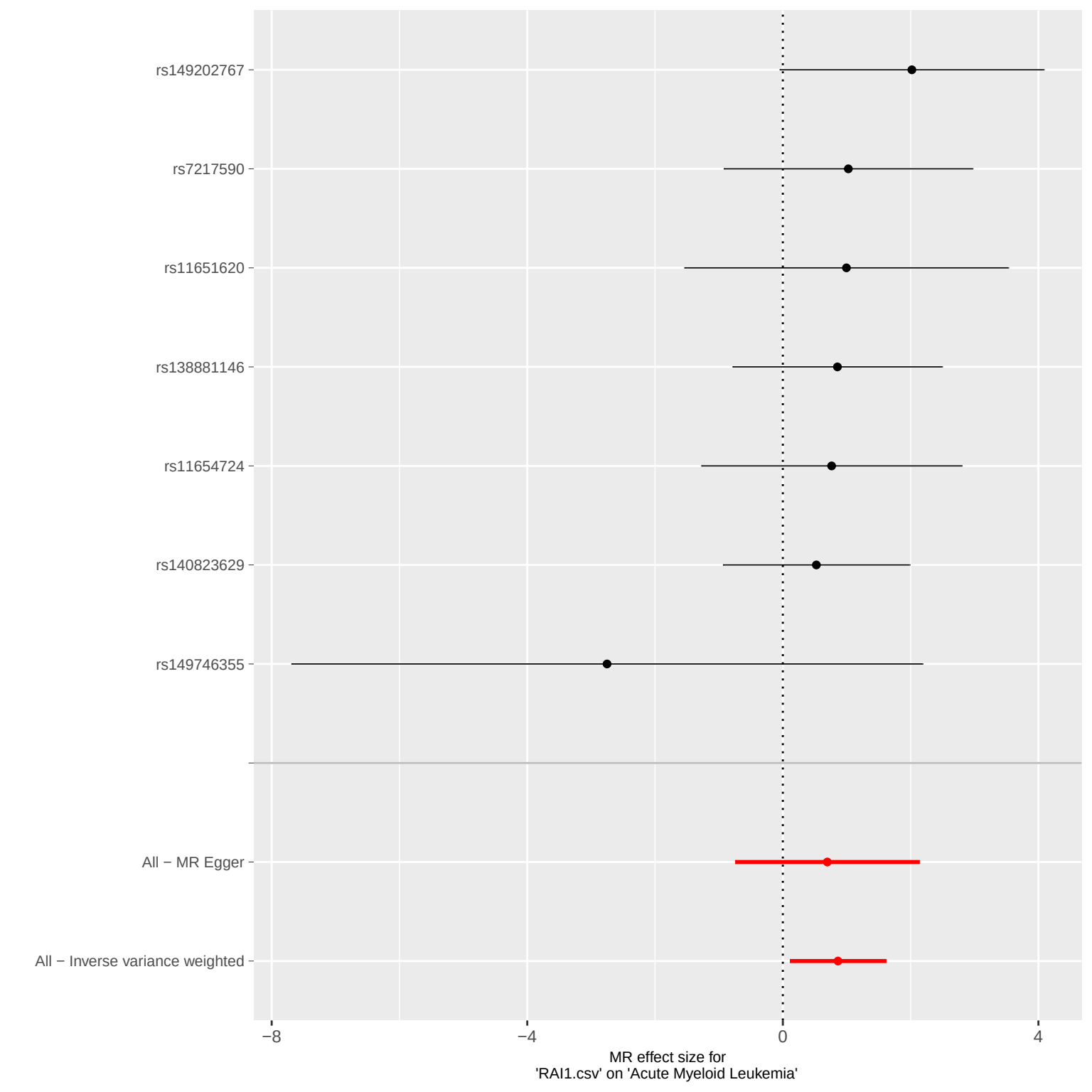
rs3133655
rs13281032
rs2052716
rs12676373
rs3133630
rs2470748
rs79763736
rs74615015
rs13256327
rs7845544
rs72674813
rs72674857
rs111984687
rs116906667
rs76879904
rs2607058
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'RAD54B.csv' on 'Acute Myeloid Leukemia'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rs140823629
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All − MR Egger
All − Inverse variance weighted
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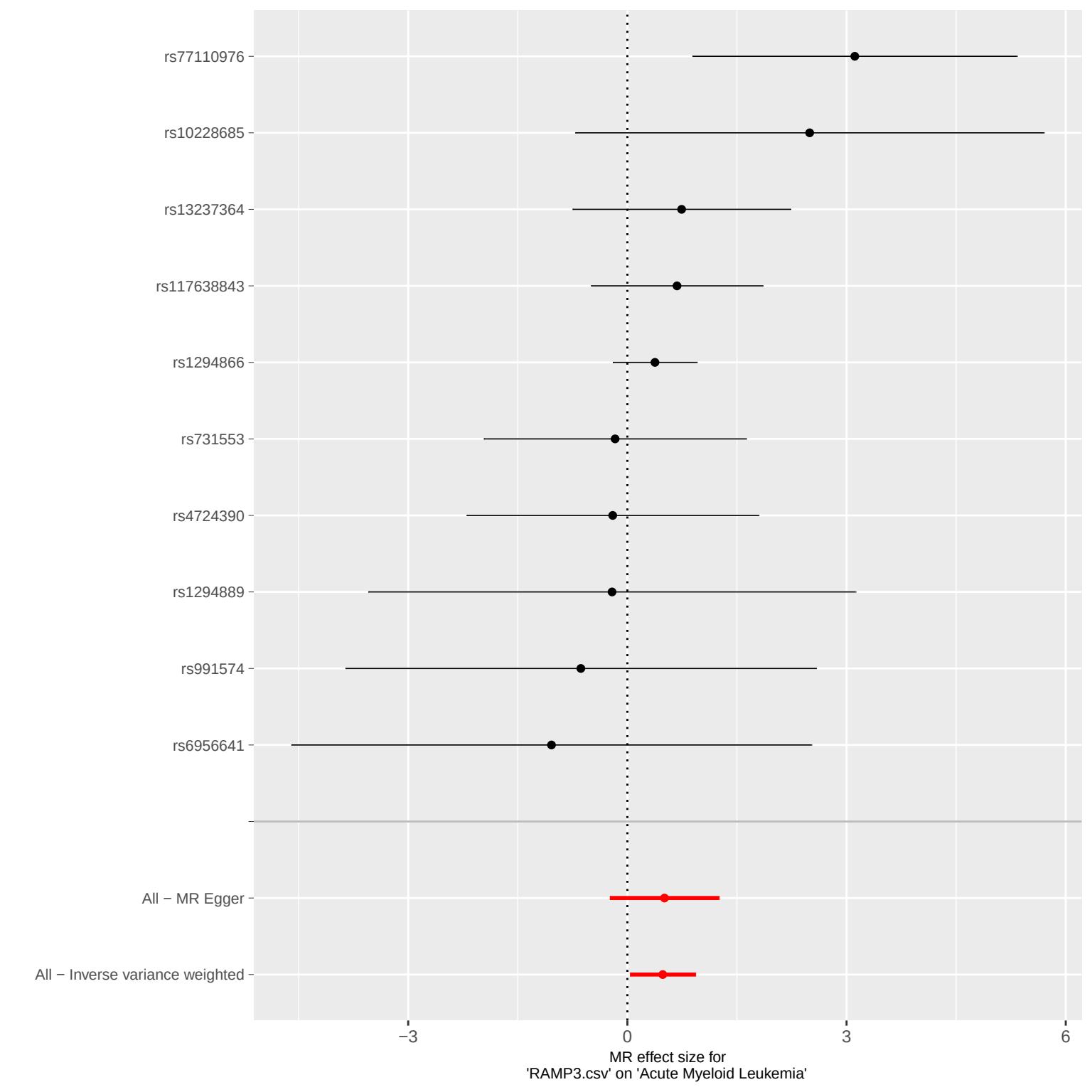
−4
0
4
MR effect size for
'RAI1.csv' on 'Acute Myeloid Leukemia'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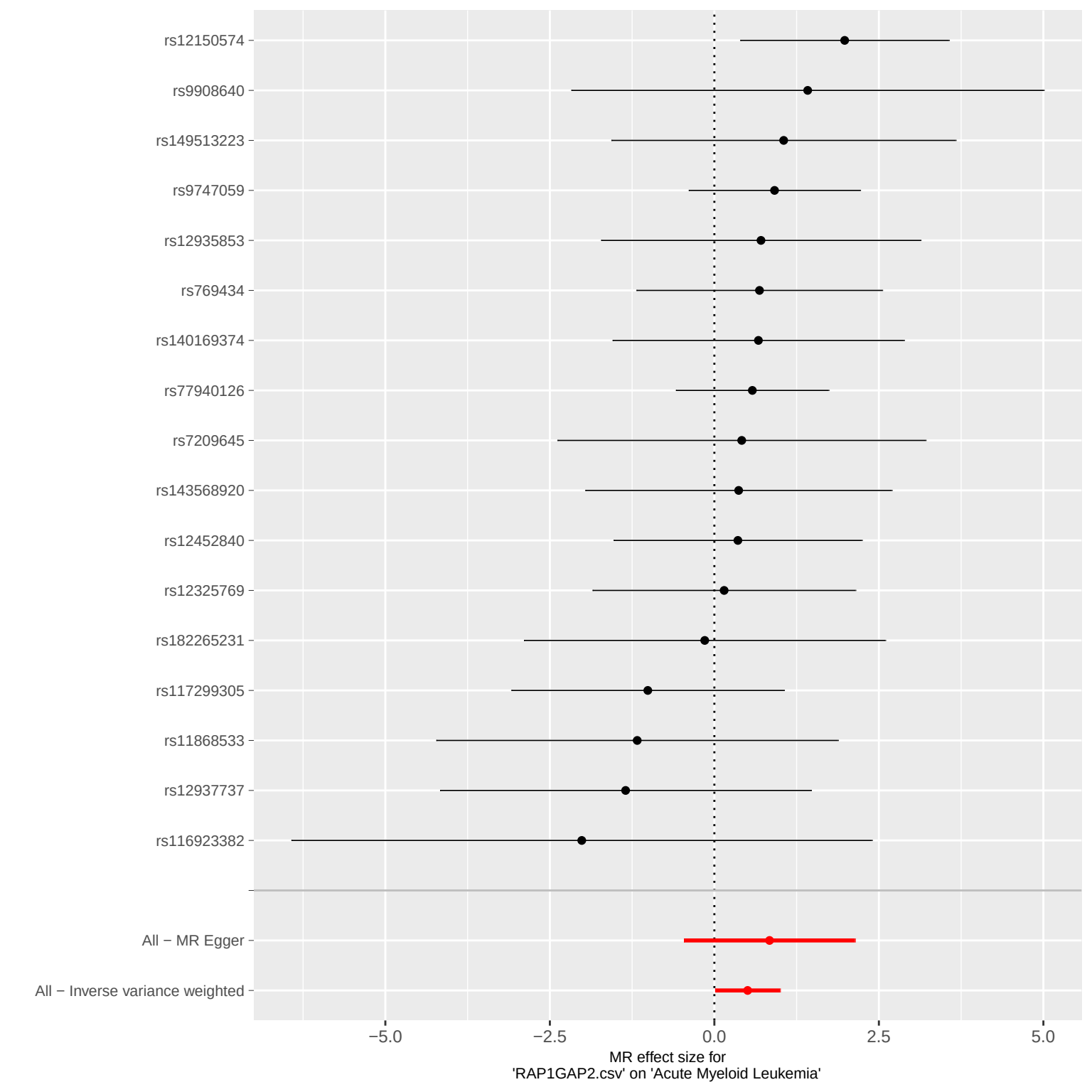
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'RAMP3.csv' on 'Acute Myeloid Leukemia'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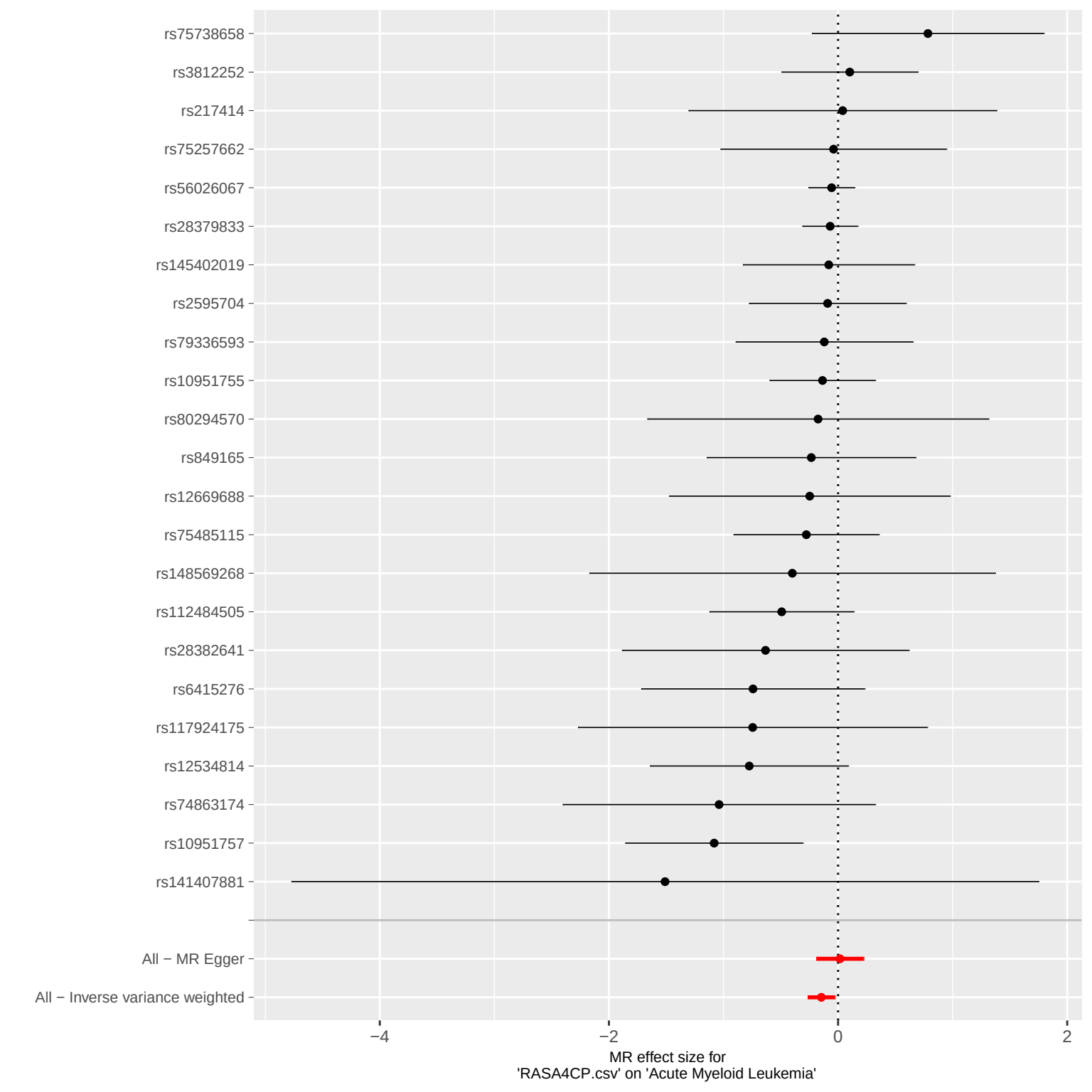
rs12452840
rs12325769
rs182265231
rs117299305
rs11868533
rs12937737
rs116923382
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'RAP1GAP2.csv' on 'Acute Myeloid Leukemia'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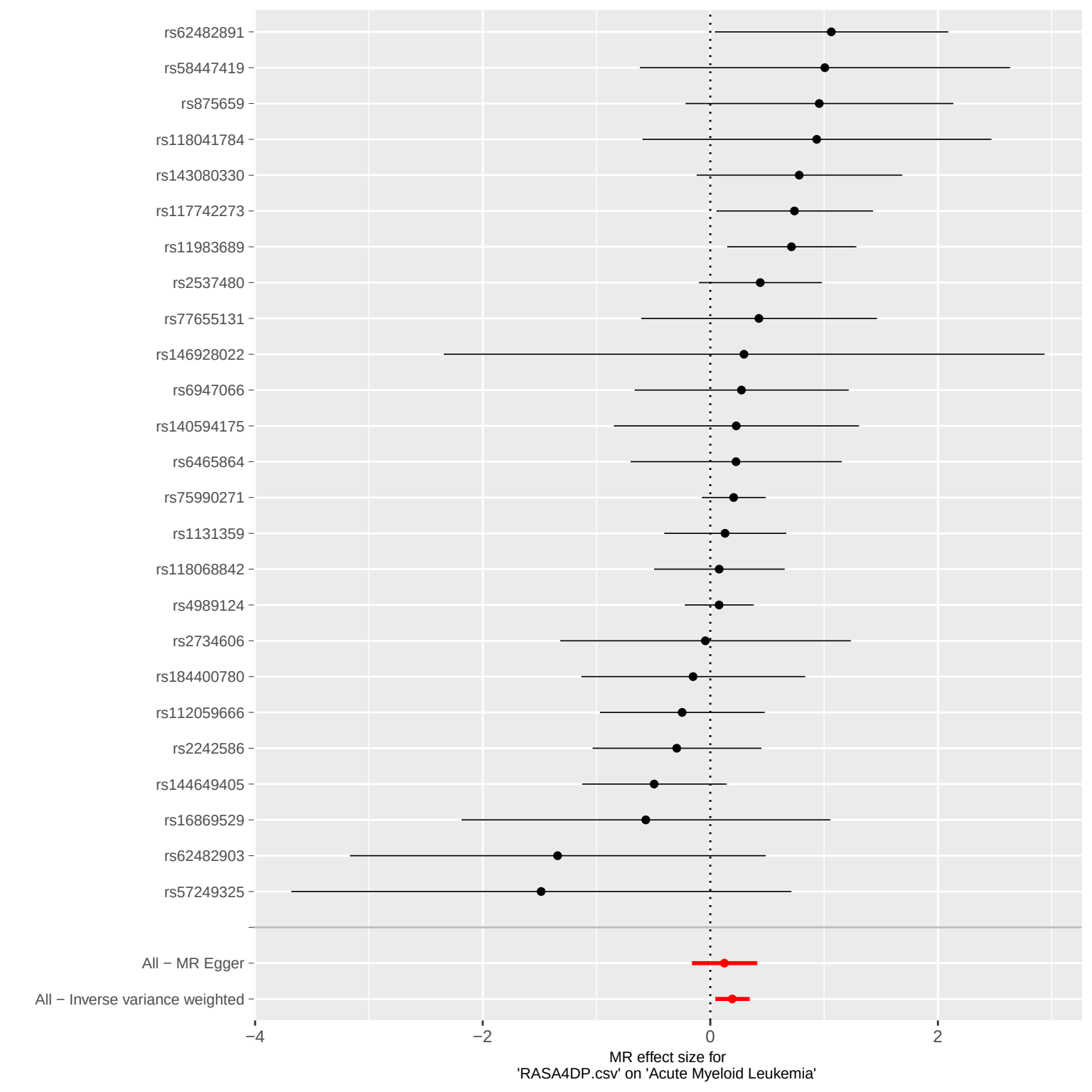
rs75485115
rs148569268
rs112484505
rs28382641
rs6415276
rs117924175
rs12534814
rs74863174
rs10951757
rs141407881
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RASA4CP.csv' on 'Acute Myeloid Leukemia'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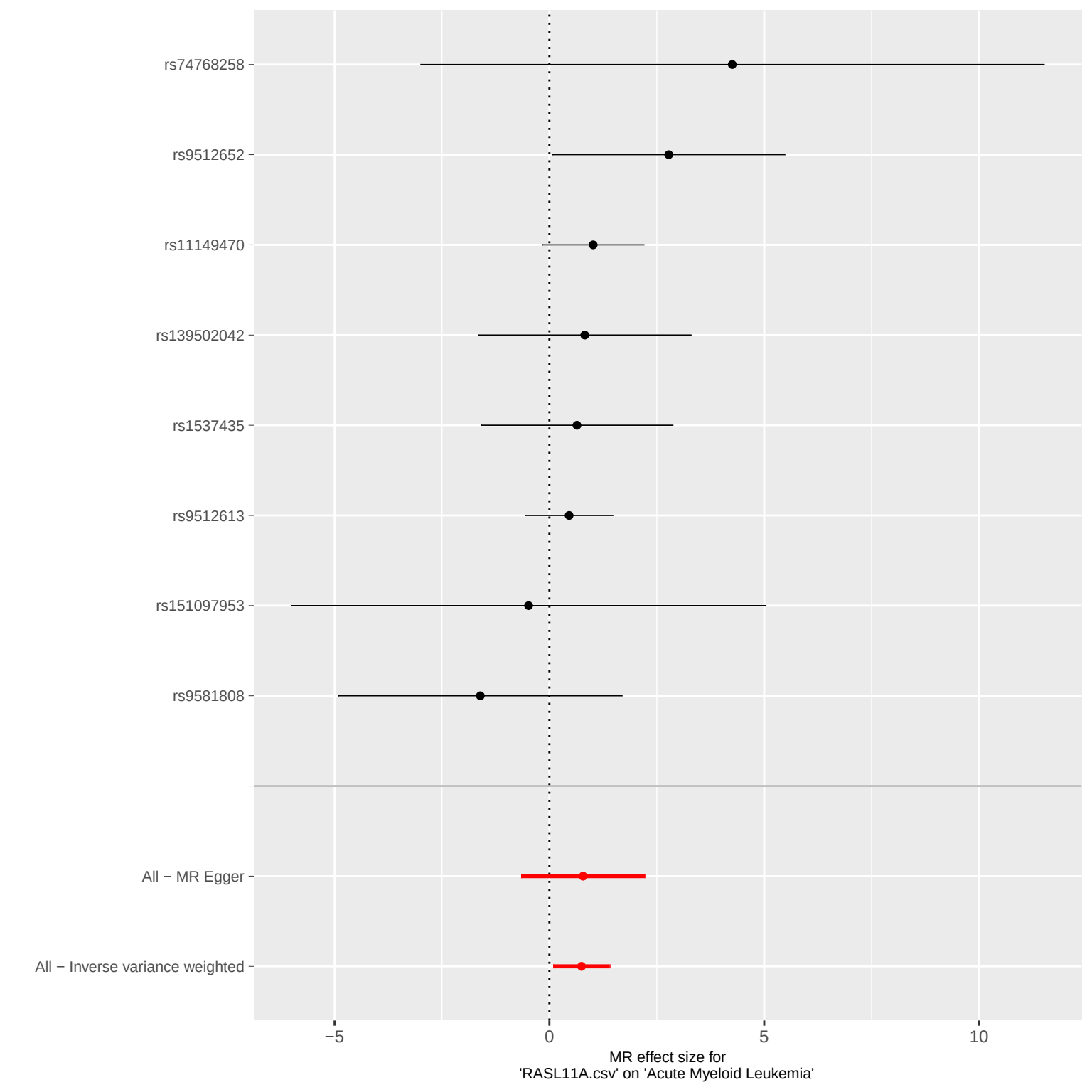
rs112059666
rs2242586
rs144649405
rs16869529
rs62482903
rs57249325
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RASA4DP.csv' on 'Acute Myeloid Leukemia'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rs11149470
rs139502042
rs1537435
rs9512613
rs151097953
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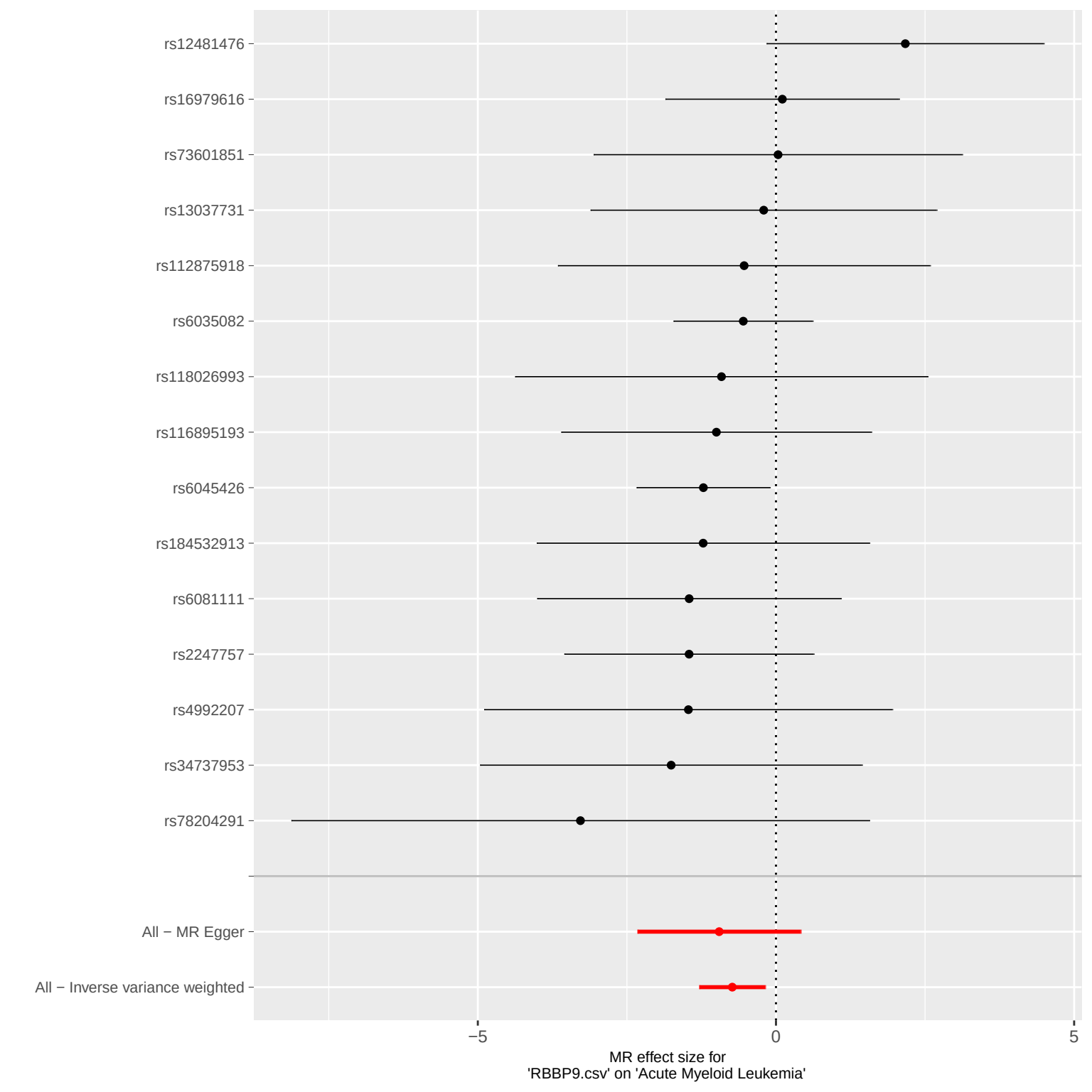
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RASL11A.csv' on 'Acute Myeloid Leukemia'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rs116895193
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rs184532913
rs6081111
rs2247757
rs4992207
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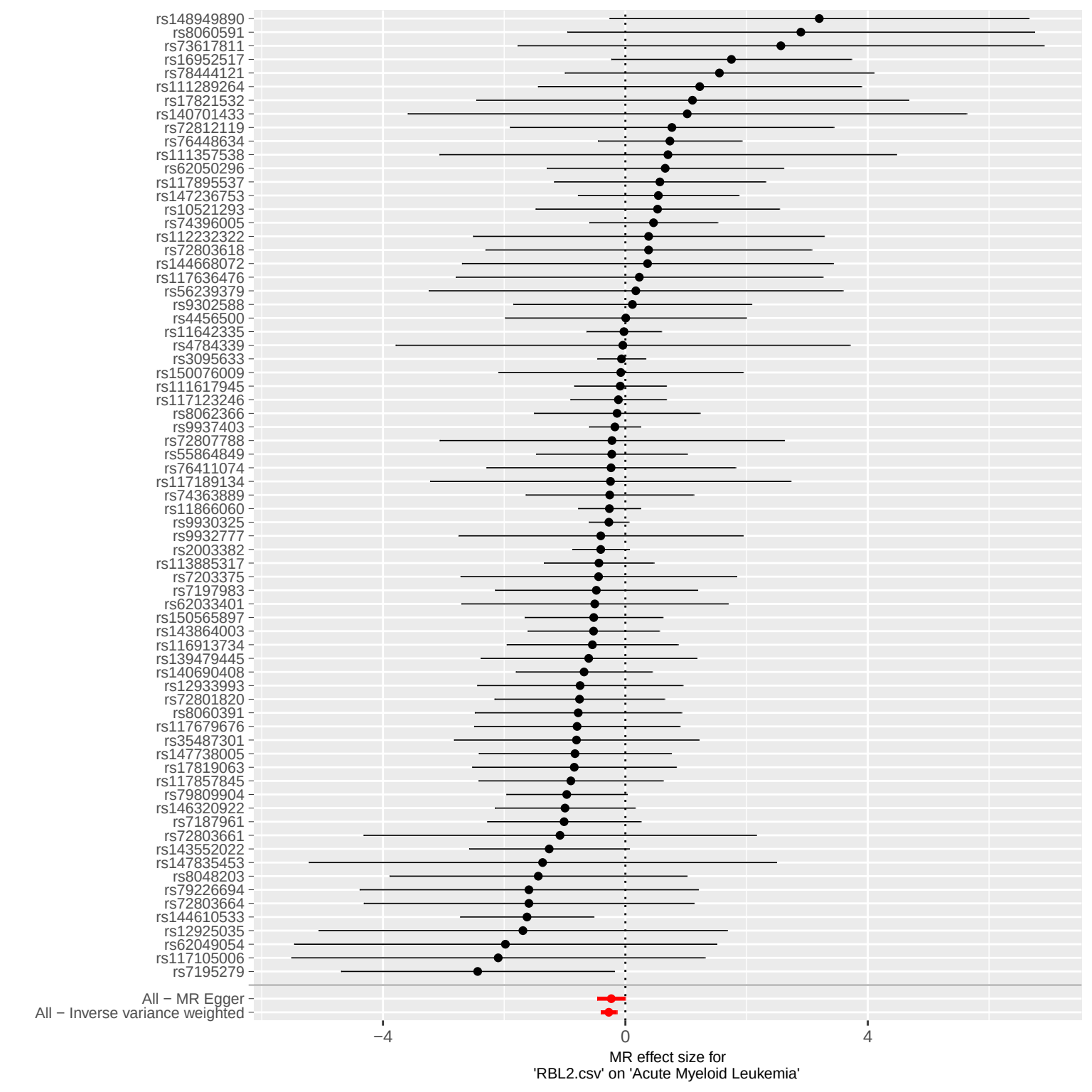
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'RBBP9.csv' on 'Acute Myeloid Leukemia'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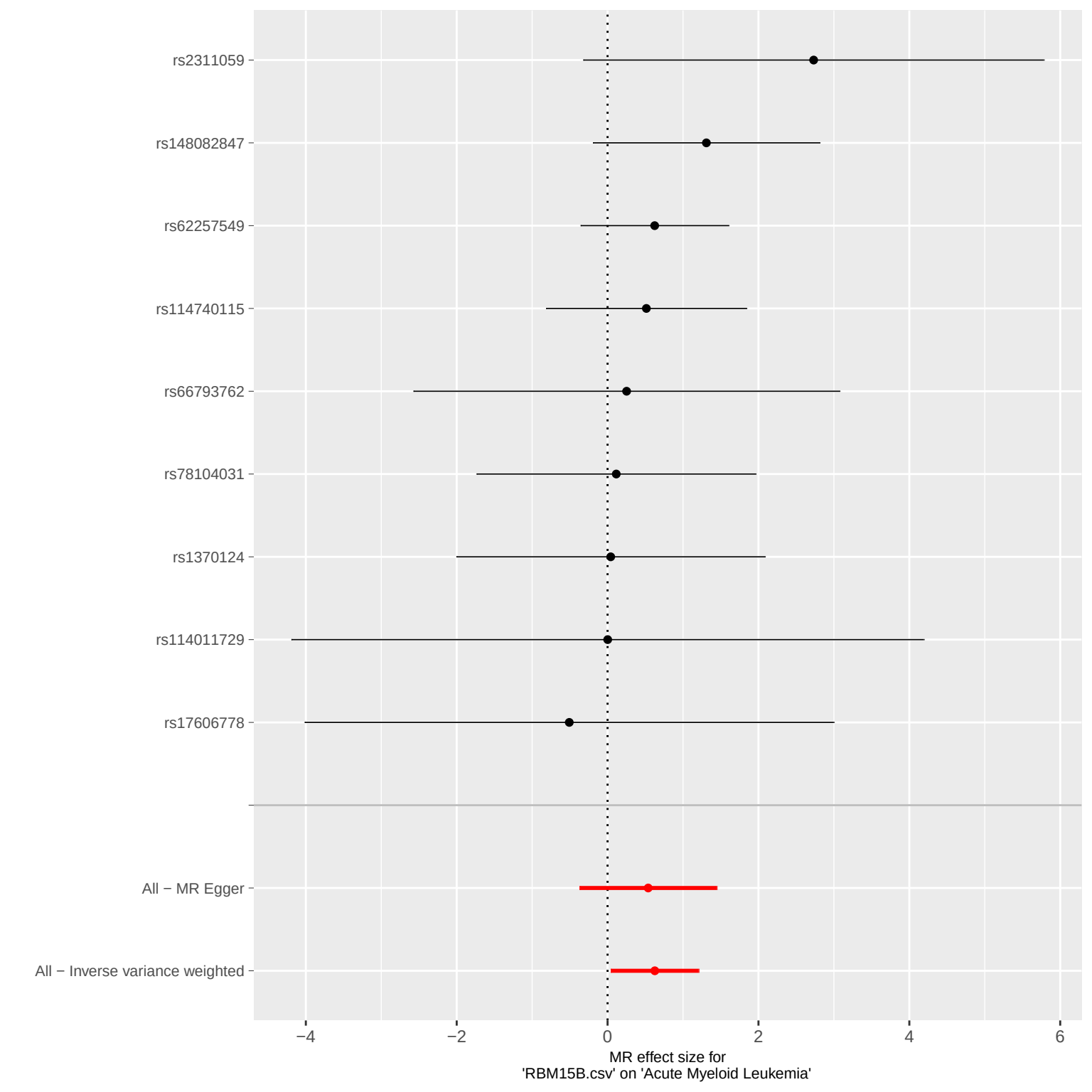
rs147835453
rs8048203
rs79226694
rs72803664
rs144610533
rs12925035
rs62049054
rs117105006
rs7195279
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'RBL2.csv' on 'Acute Myeloid Leukemia'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rs148082847
rs62257549
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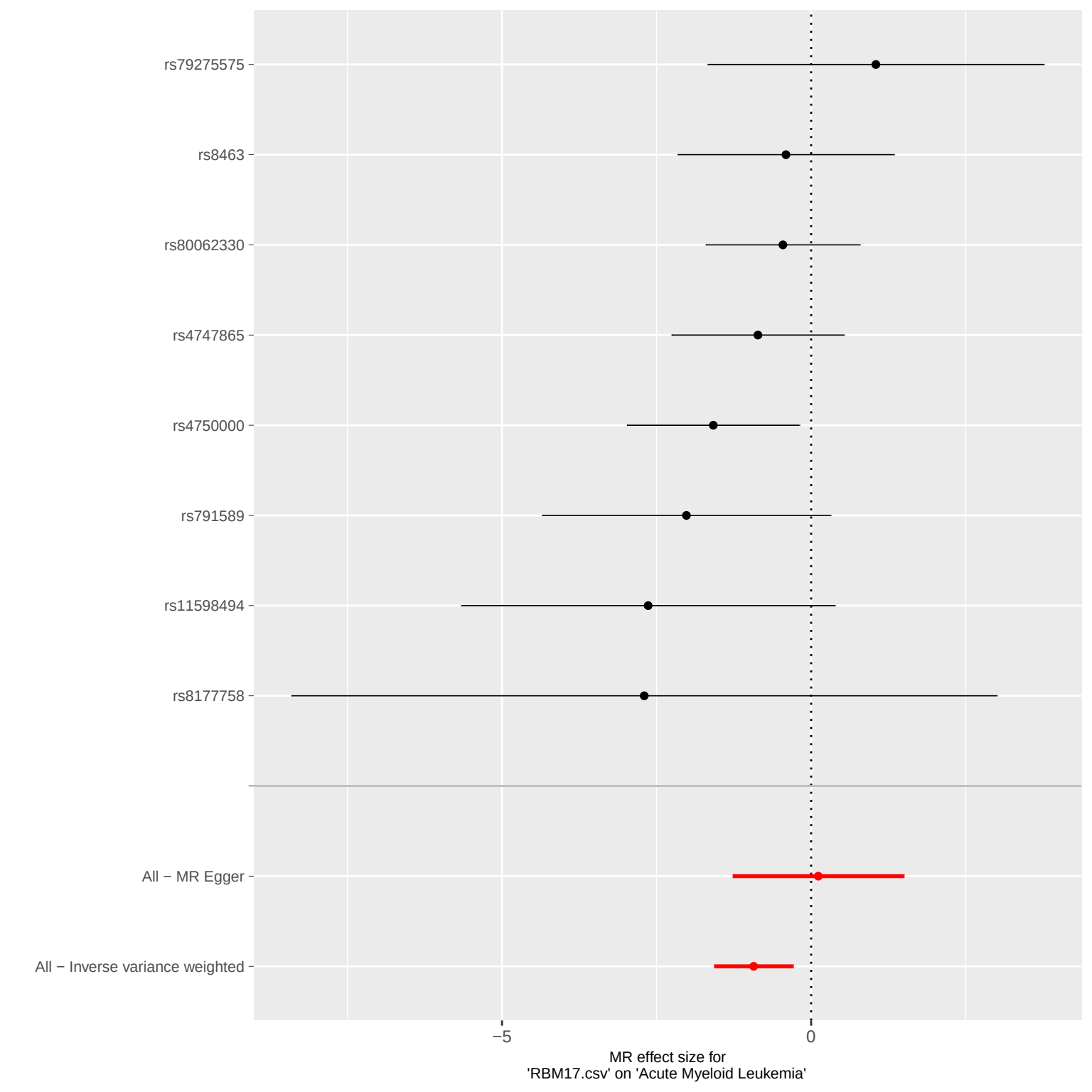
rs66793762
rs78104031
rs1370124
rs114011729
rs17606778
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'RBM15B.csv' on 'Acute Myeloid Leukemia'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rs4750000
rs791589
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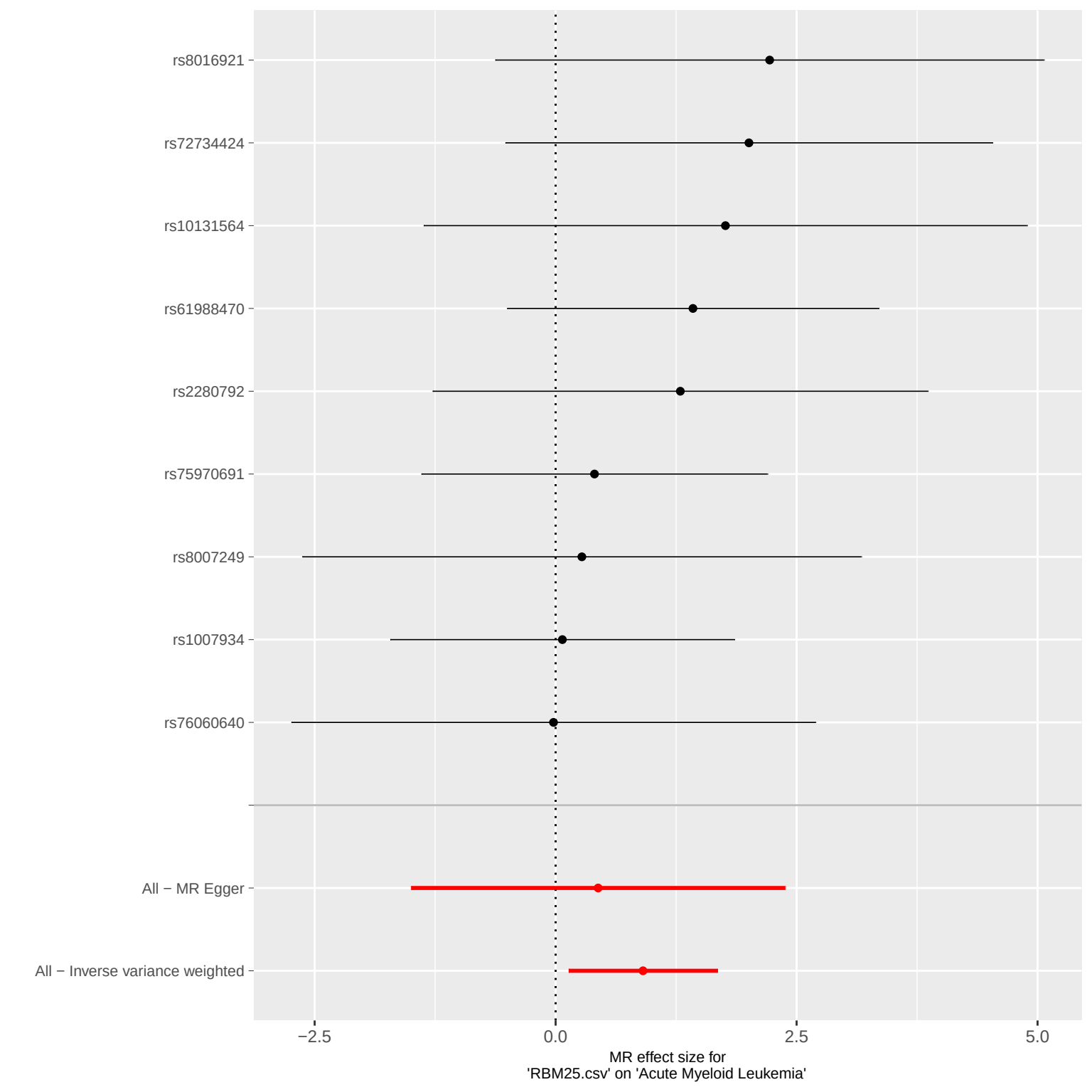
All − MR Egger
All − Inverse variance weighted
−5
0
MR effect size for
'RBM17.csv' on 'Acute Myeloid Leukemia'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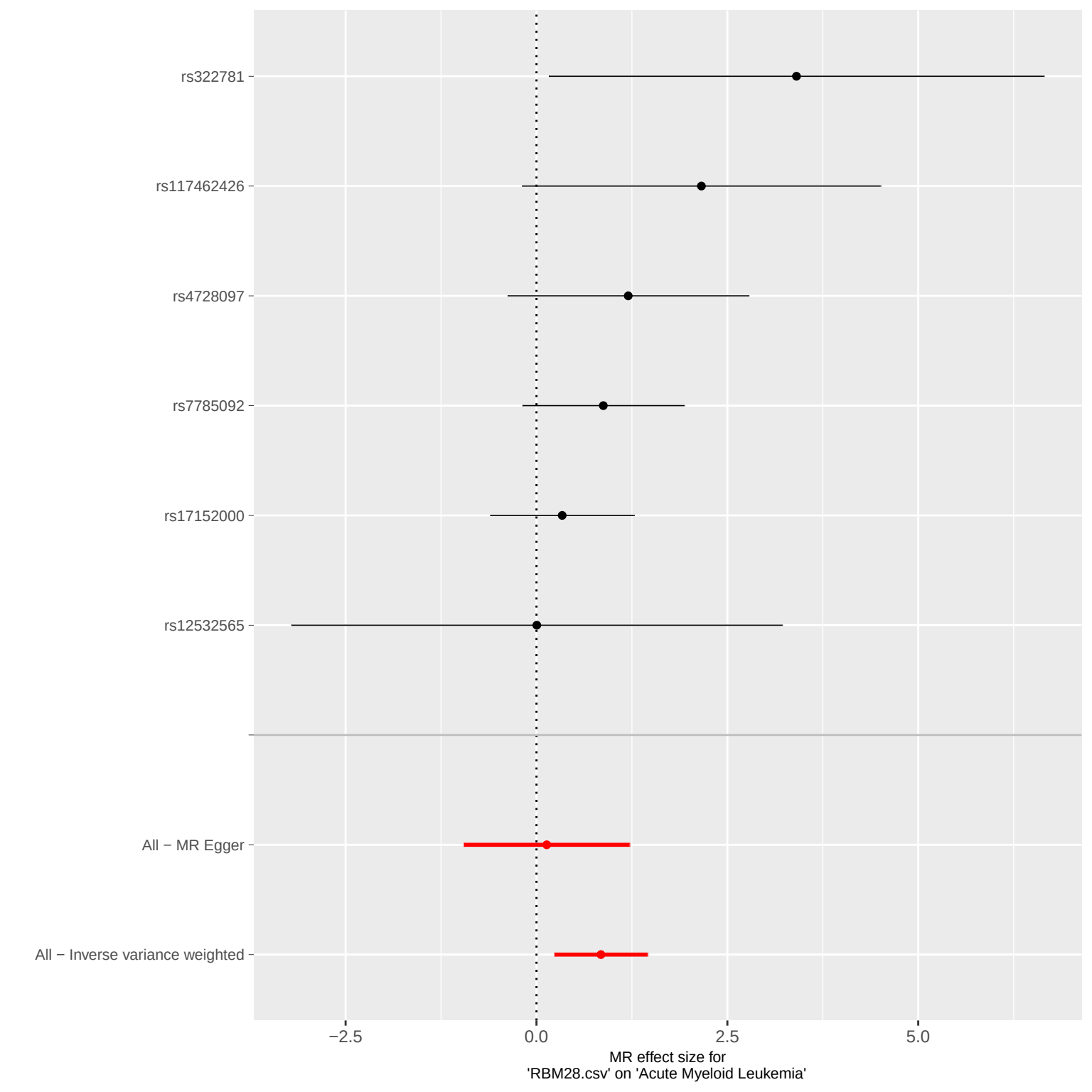
rs75970691
rs8007249
rs1007934
rs76060640
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'RBM25.csv' on 'Acute Myeloid Leukemia'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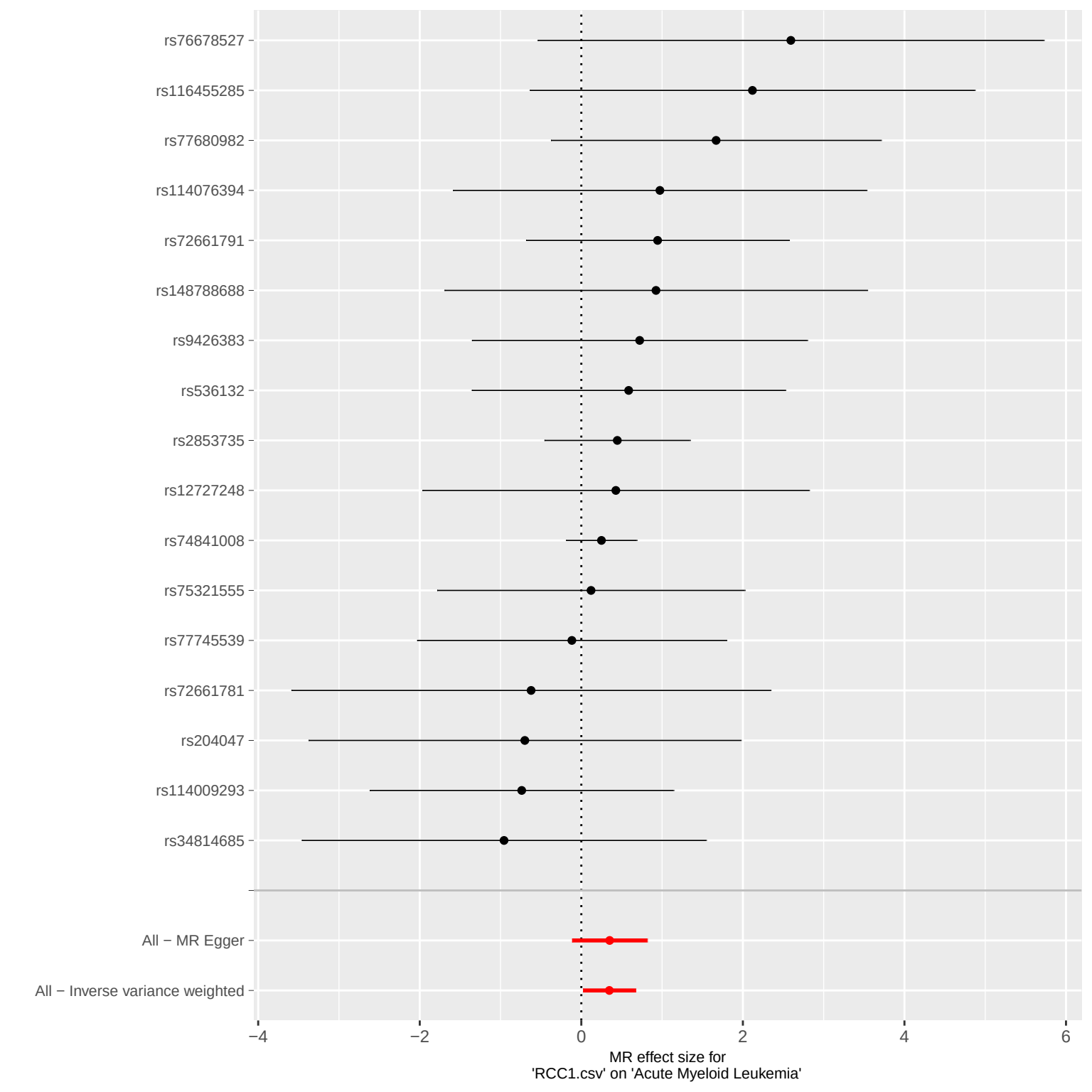
rs17152000
rs12532565
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'RBM28.csv' on 'Acute Myeloid Leukemia'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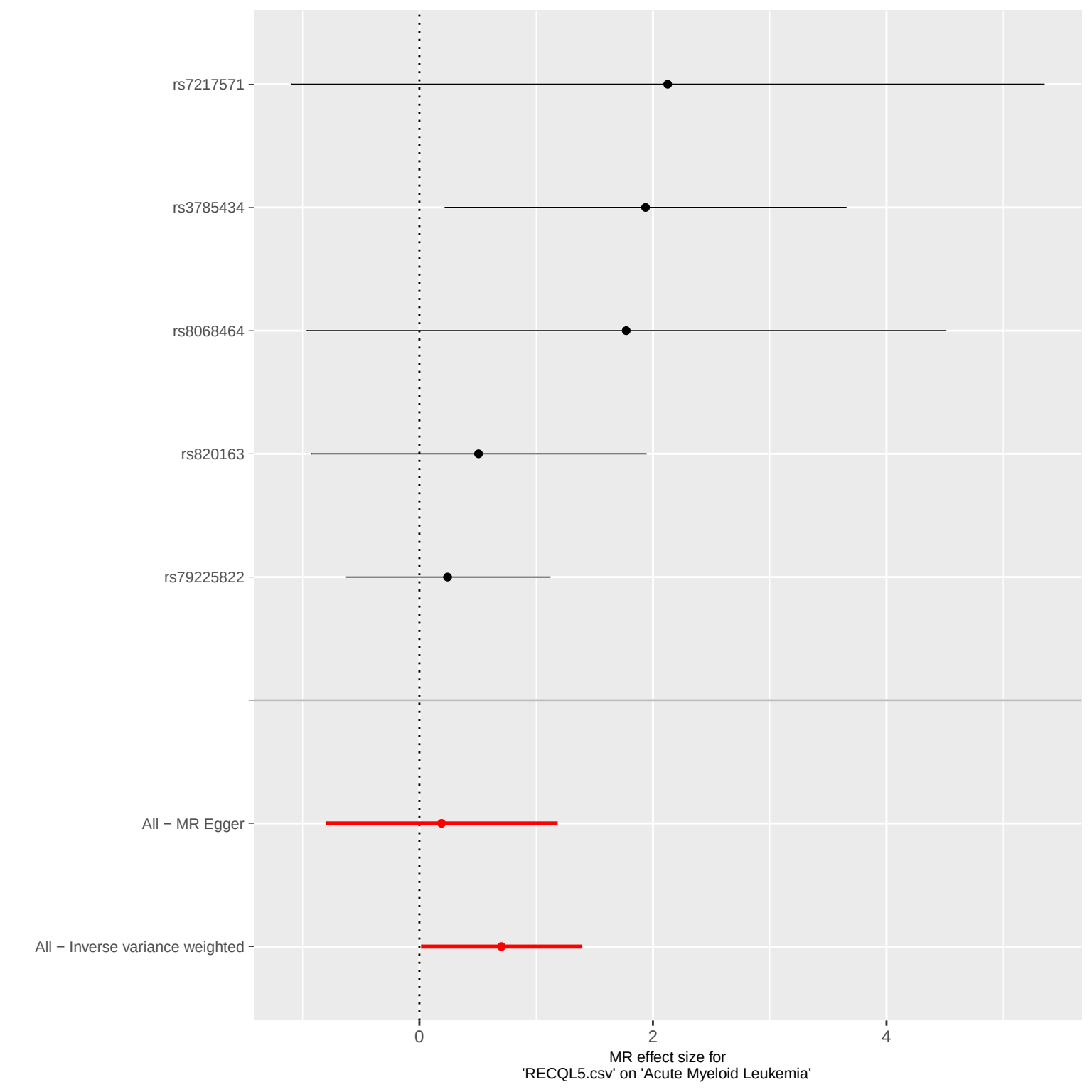
rs74841008
rs75321555
rs77745539
rs72661781
rs204047
rs114009293
rs34814685
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'RCC1.csv' on 'Acute Myeloid Leukemia'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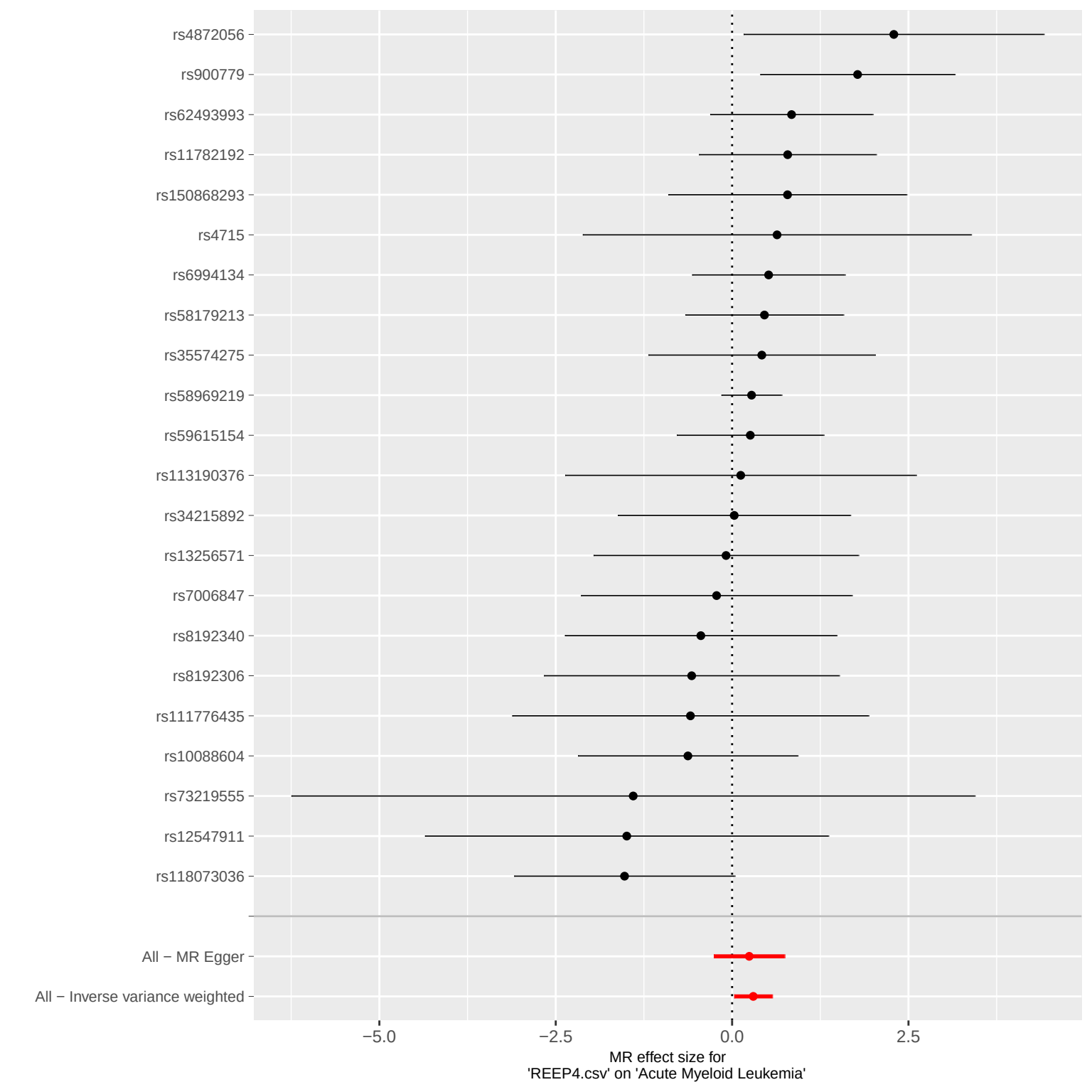
rs3785434
rs8068464
rs820163
rs79225822
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'RECQL5.csv' on 'Acute Myeloid Leukemia'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rs13256571
rs7006847
rs8192340
rs8192306
rs111776435
rs10088604
rs73219555
rs12547911
rs118073036
All − MR Egger
All − Inverse variance weighted
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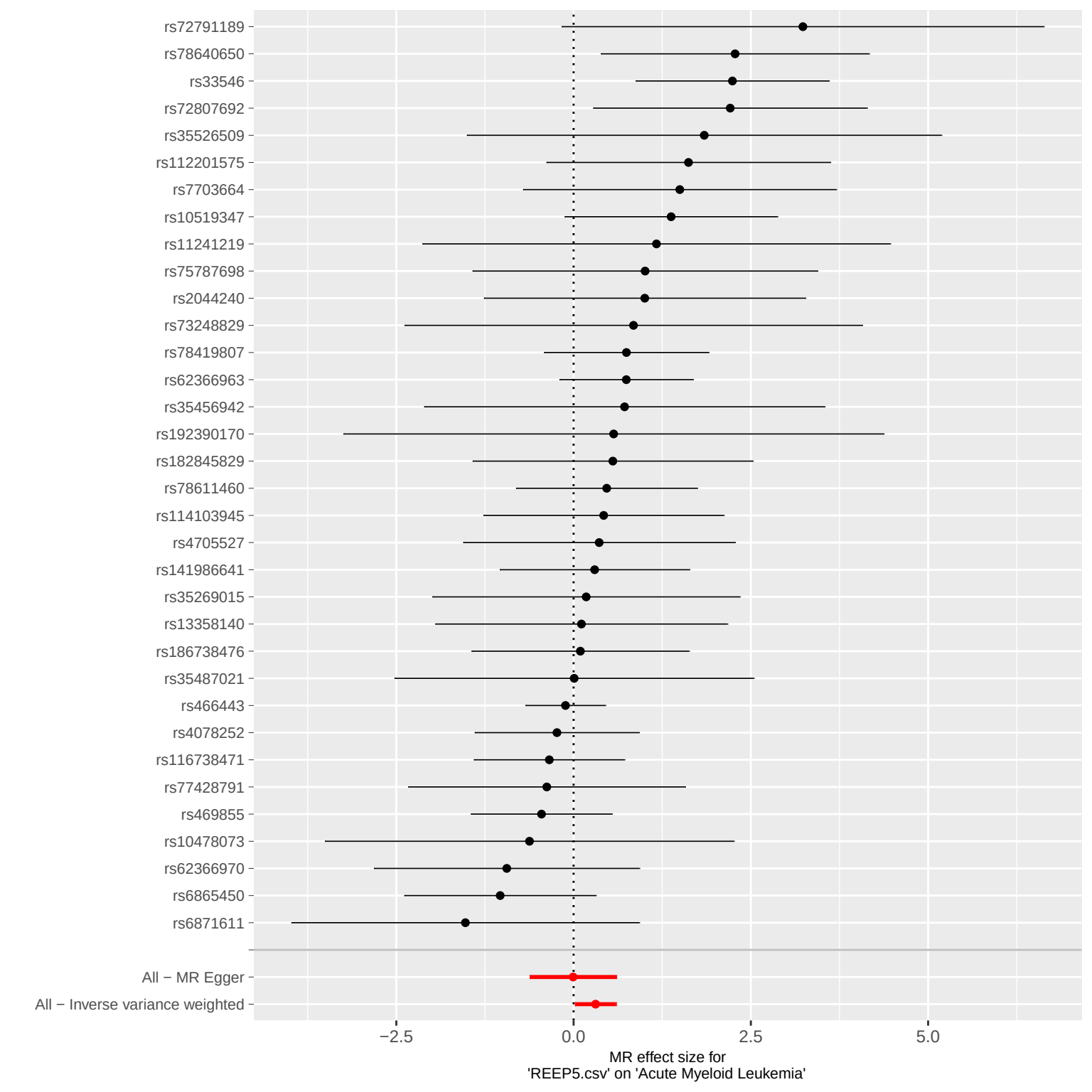
−2.5
0.0
2.5
MR effect size for
'REEP4.csv' on 'Acute Myeloid Leukemia'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rs141986641
rs35269015
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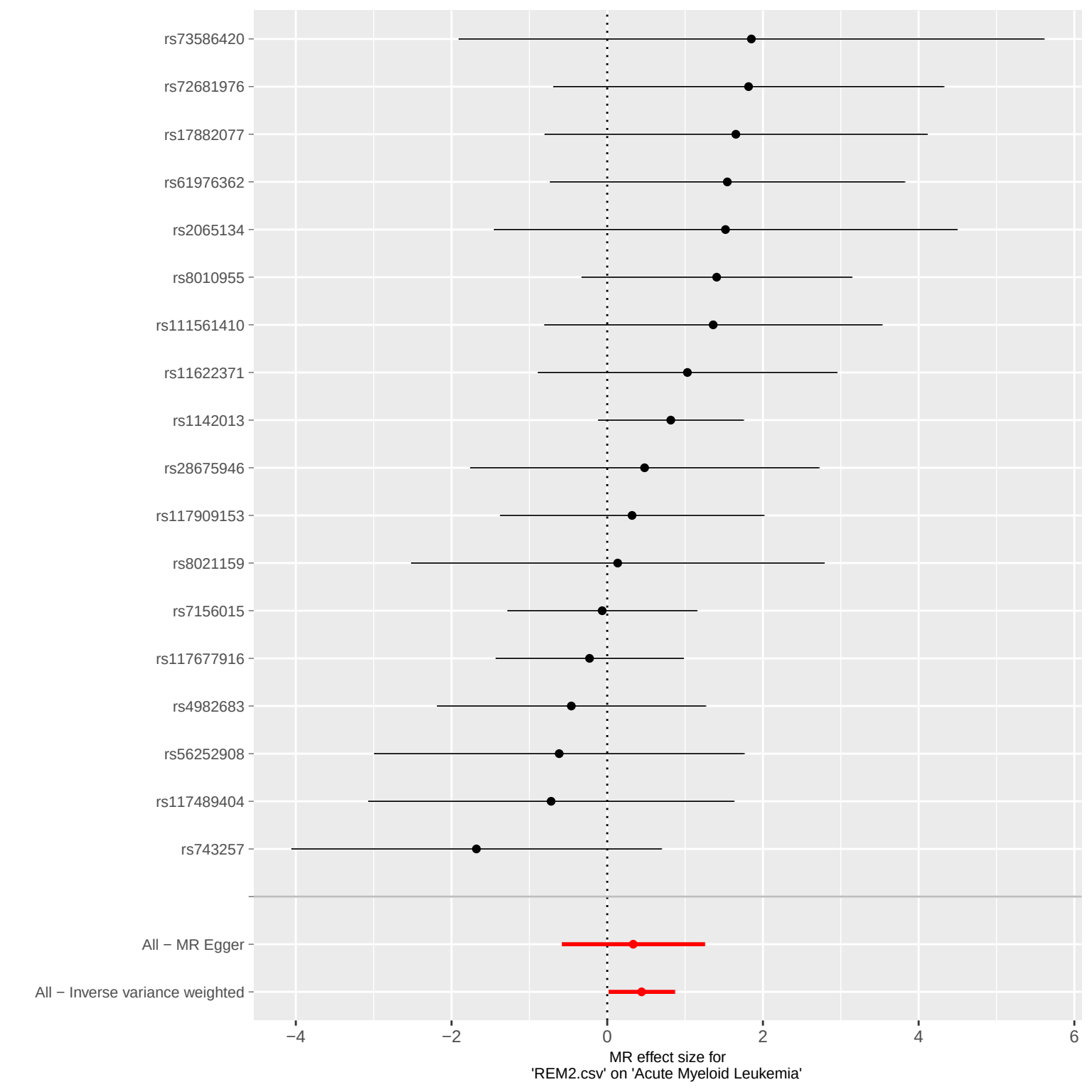
rs35487021
rs466443
rs4078252
rs116738471
rs77428791
rs469855
rs10478073
rs62366970
rs6865450
rs6871611
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'REEP5.csv' on 'Acute Myeloid Leukemia'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rs8010955
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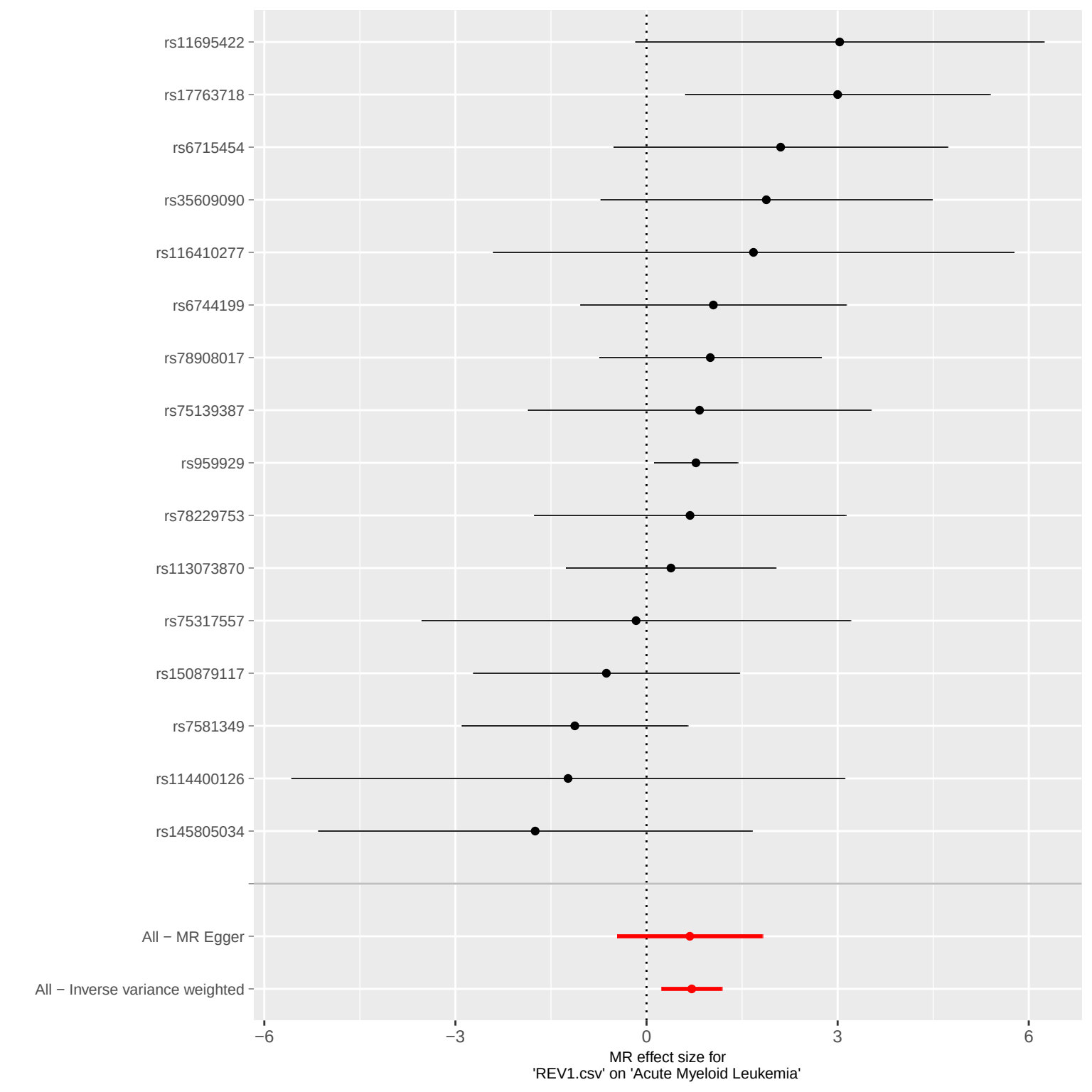
rs8021159
rs7156015
rs117677916
rs4982683
rs56252908
rs117489404
rs743257
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'REM2.csv' on 'Acute Myeloid Leukemia'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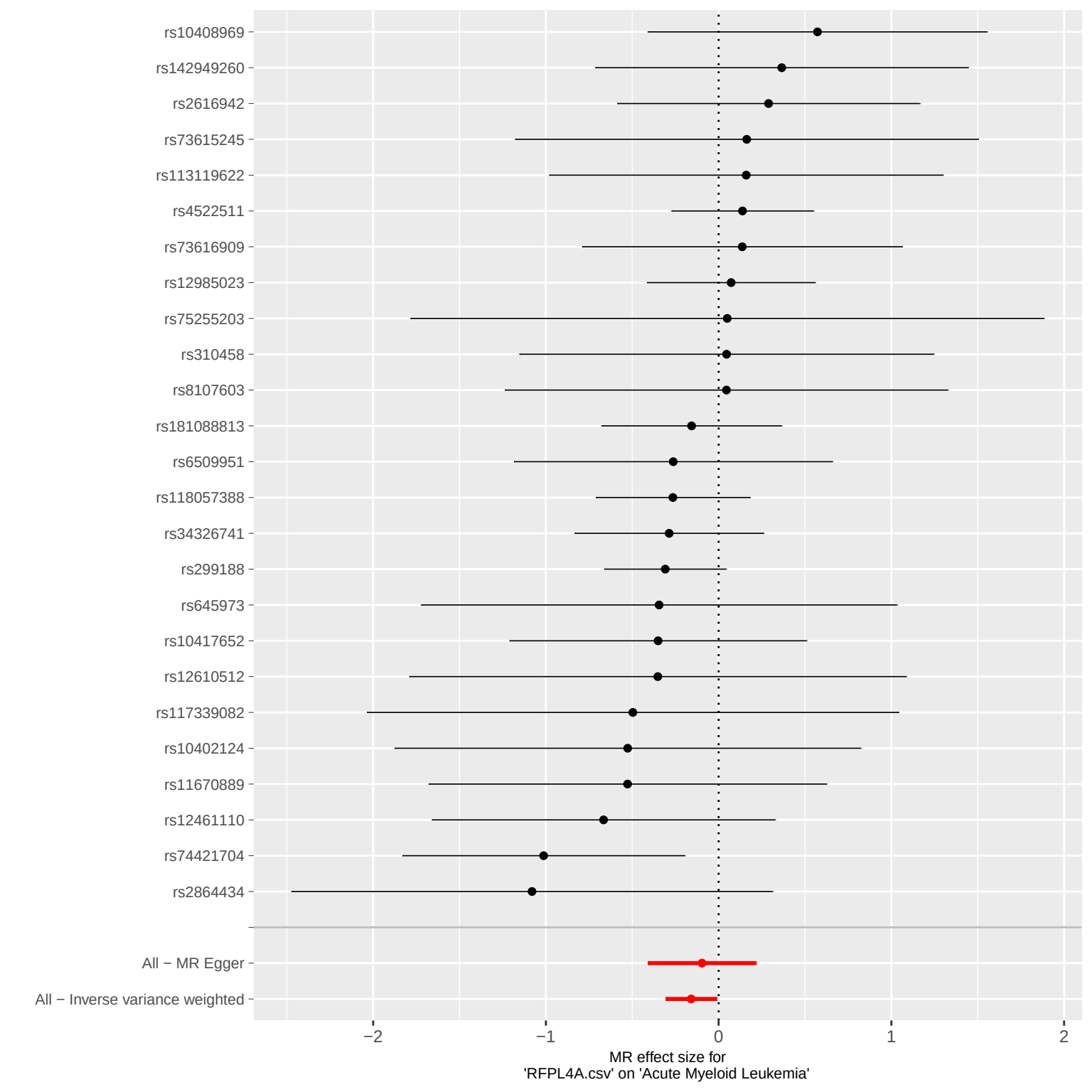
rs75317557
rs150879117
rs7581349
rs114400126
rs145805034
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'REV1.csv' on 'Acute Myeloid Leukemia'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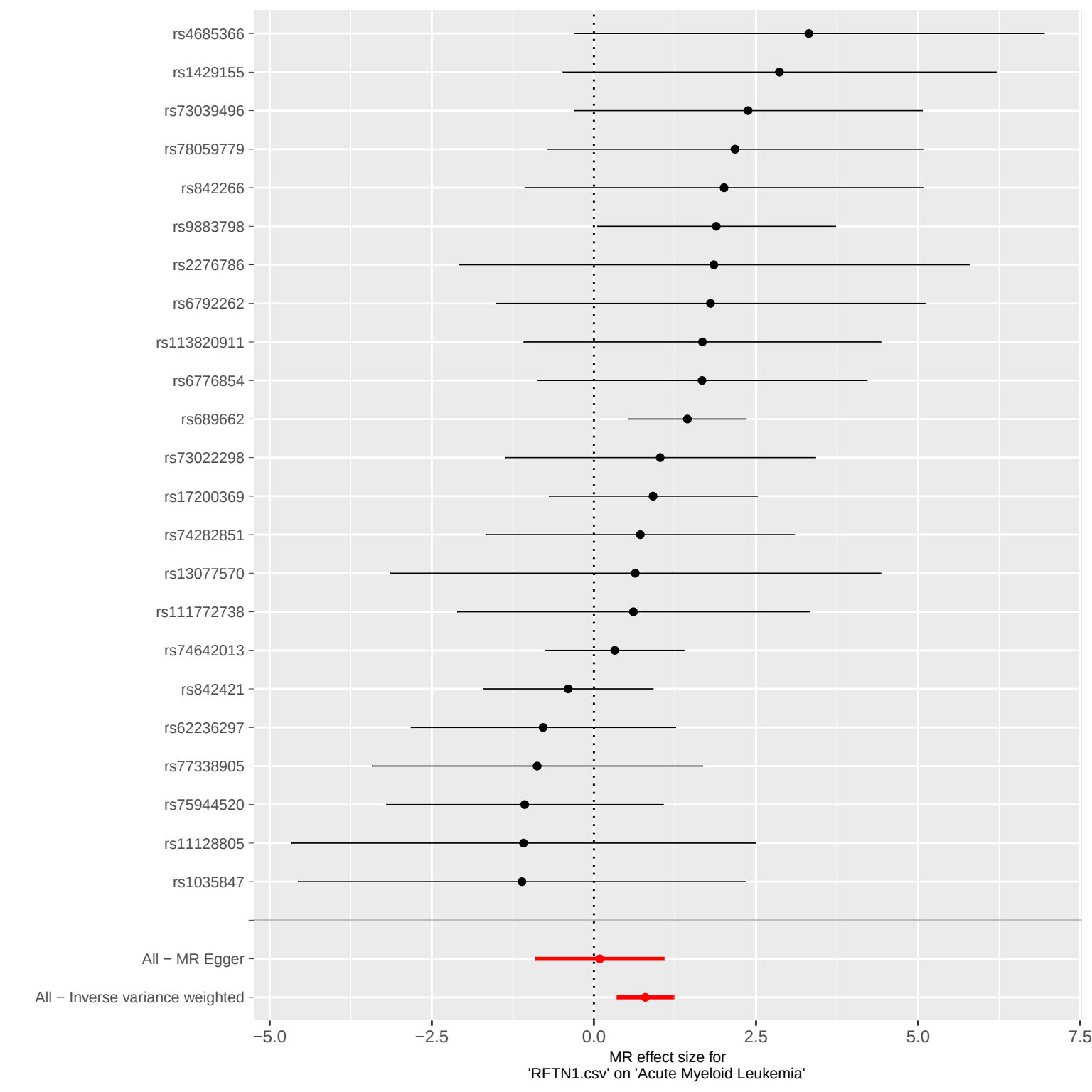
rs299188
rs645973
rs10417652
rs12610512
rs117339082
rs10402124
rs11670889
rs12461110
rs74421704
rs2864434
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RFPL4A.csv' on 'Acute Myeloid Leukemia'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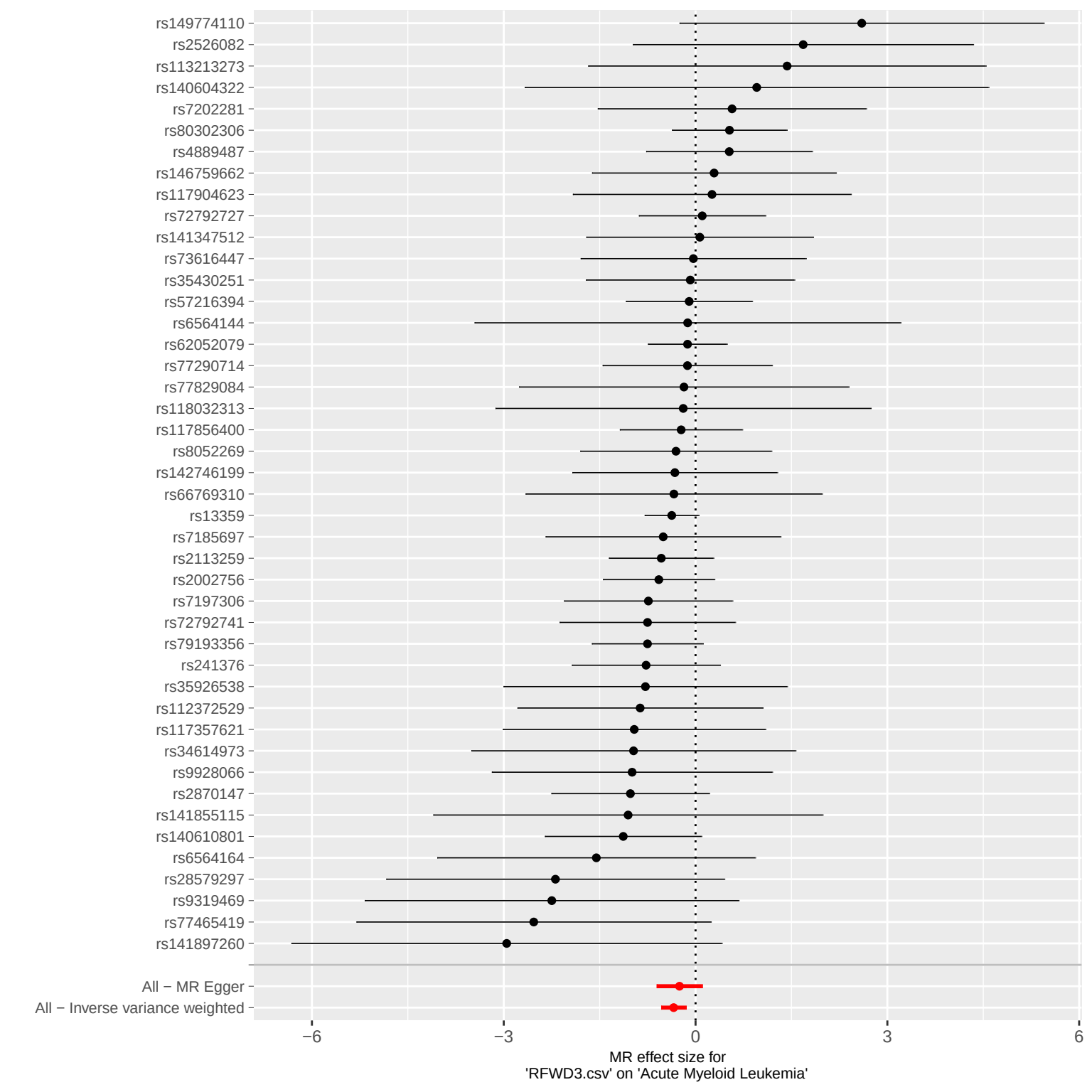
rs74282851
rs13077570
rs111772738
rs74642013
rs842421
rs62236297
rs77338905
rs75944520
rs11128805
rs1035847
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'RFTN1.csv' on 'Acute Myeloid Leukemia'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rs6564164
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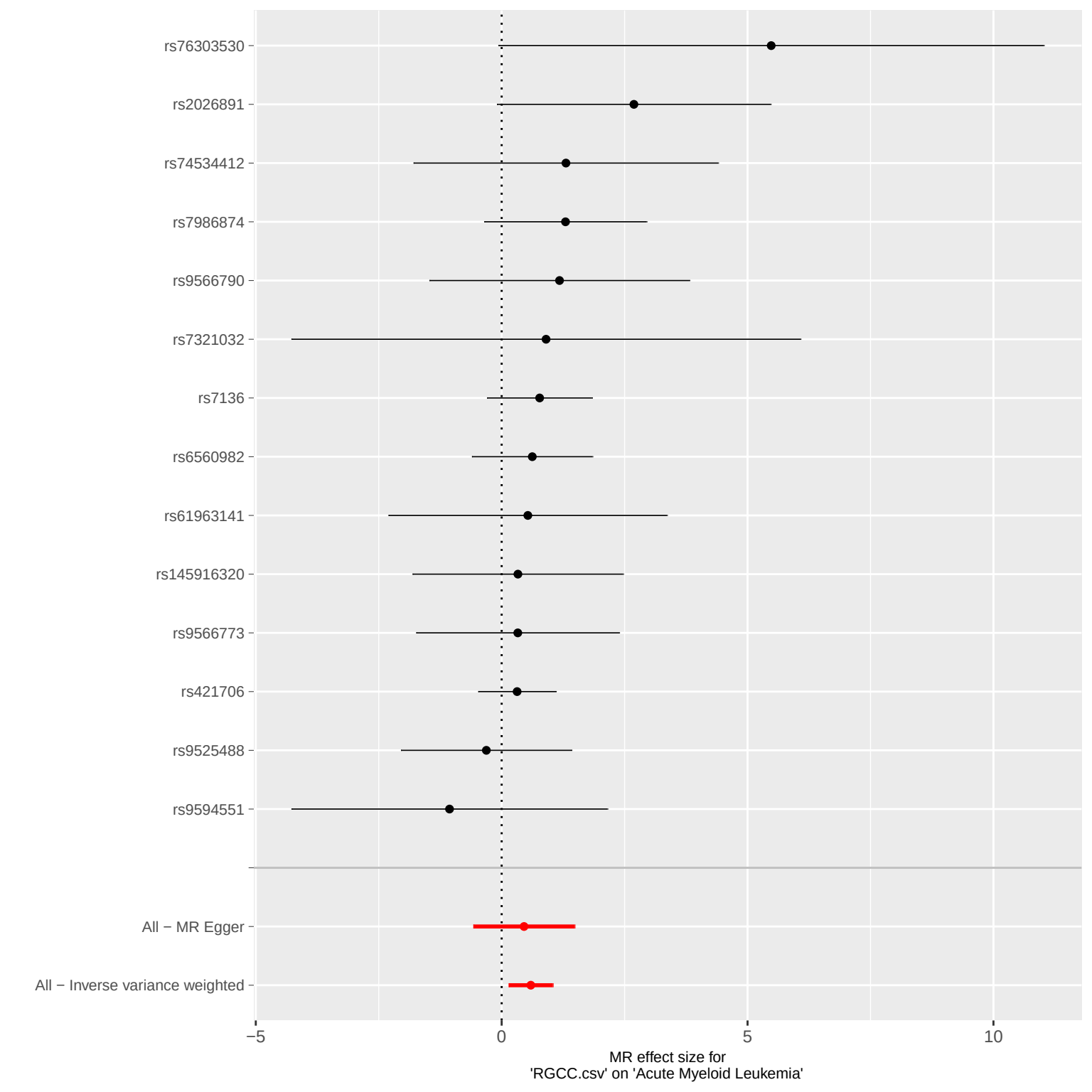
rs77465419
rs141897260
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'RFWD3.csv' on 'Acute Myeloid Leukemia'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rs7136
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rs61963141
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rs9566773
rs421706
rs9525488
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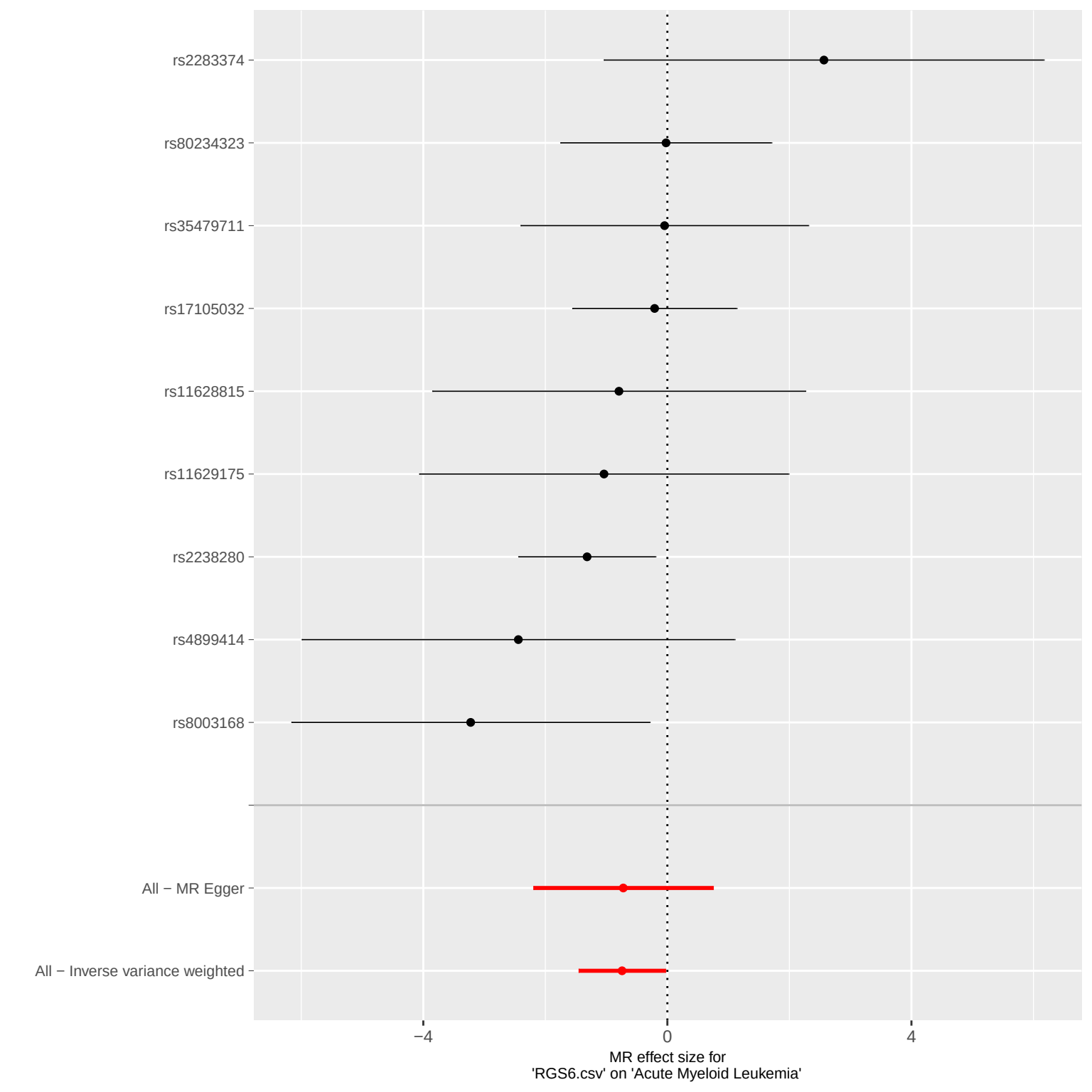
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RGCC.csv' on 'Acute Myeloid Leukemia'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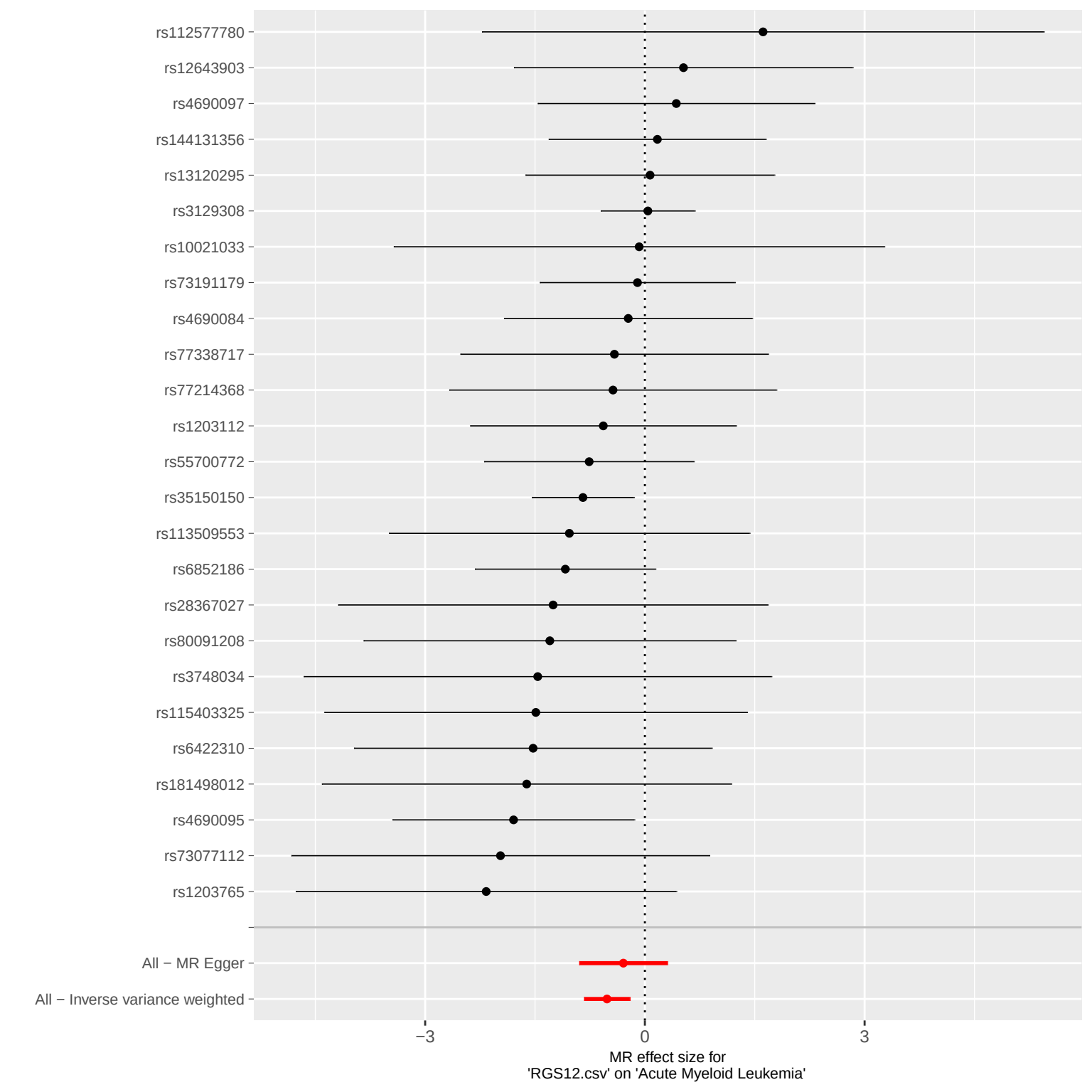
rs35479711
rs17105032
rs11628815
rs11629175
rs2238280
rs4899414
rs8003168
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'RGS6.csv' on 'Acute Myeloid Leukemia'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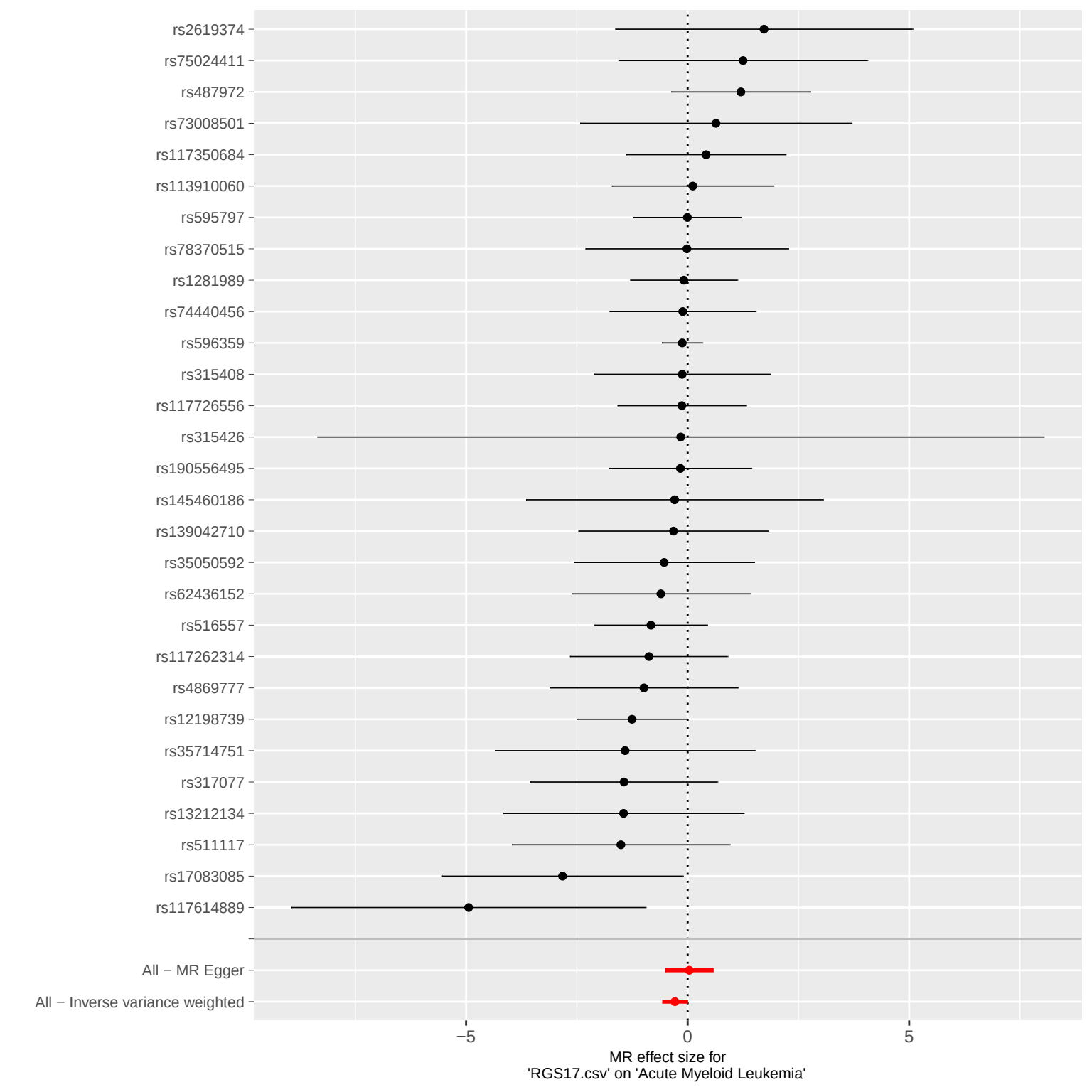
rs1203112
rs55700772
rs35150150
rs113509553
rs6852186
rs28367027
rs80091208
rs3748034
rs115403325
rs6422310
rs181498012
rs4690095
rs73077112
rs1203765
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'RGS12.csv' on 'Acute Myeloid Leukemia'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rs139042710
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rs62436152
rs516557
rs117262314
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rs12198739
rs35714751
rs317077
rs13212134
rs511117
rs17083085
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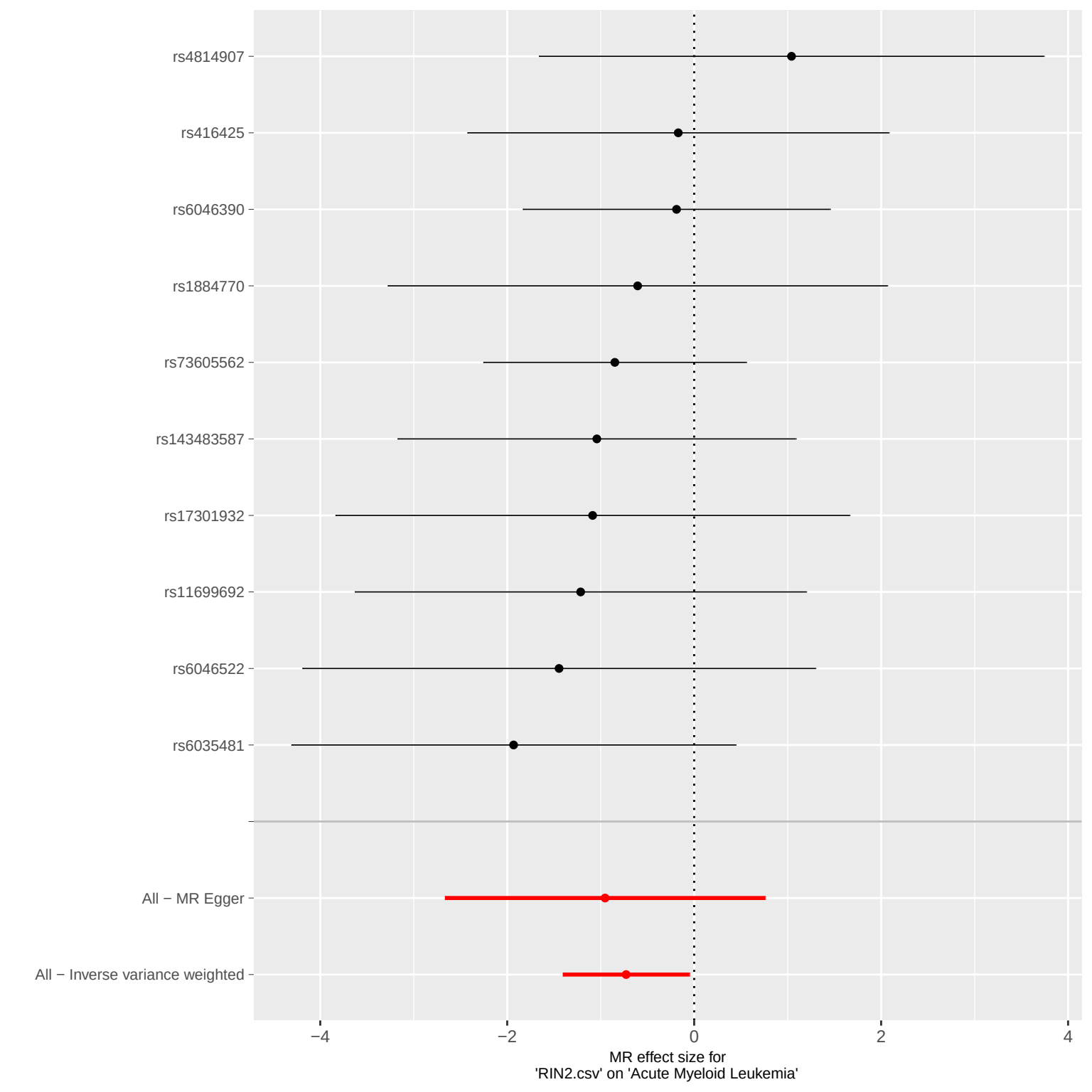
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'RGS17.csv' on 'Acute Myeloid Leukemia'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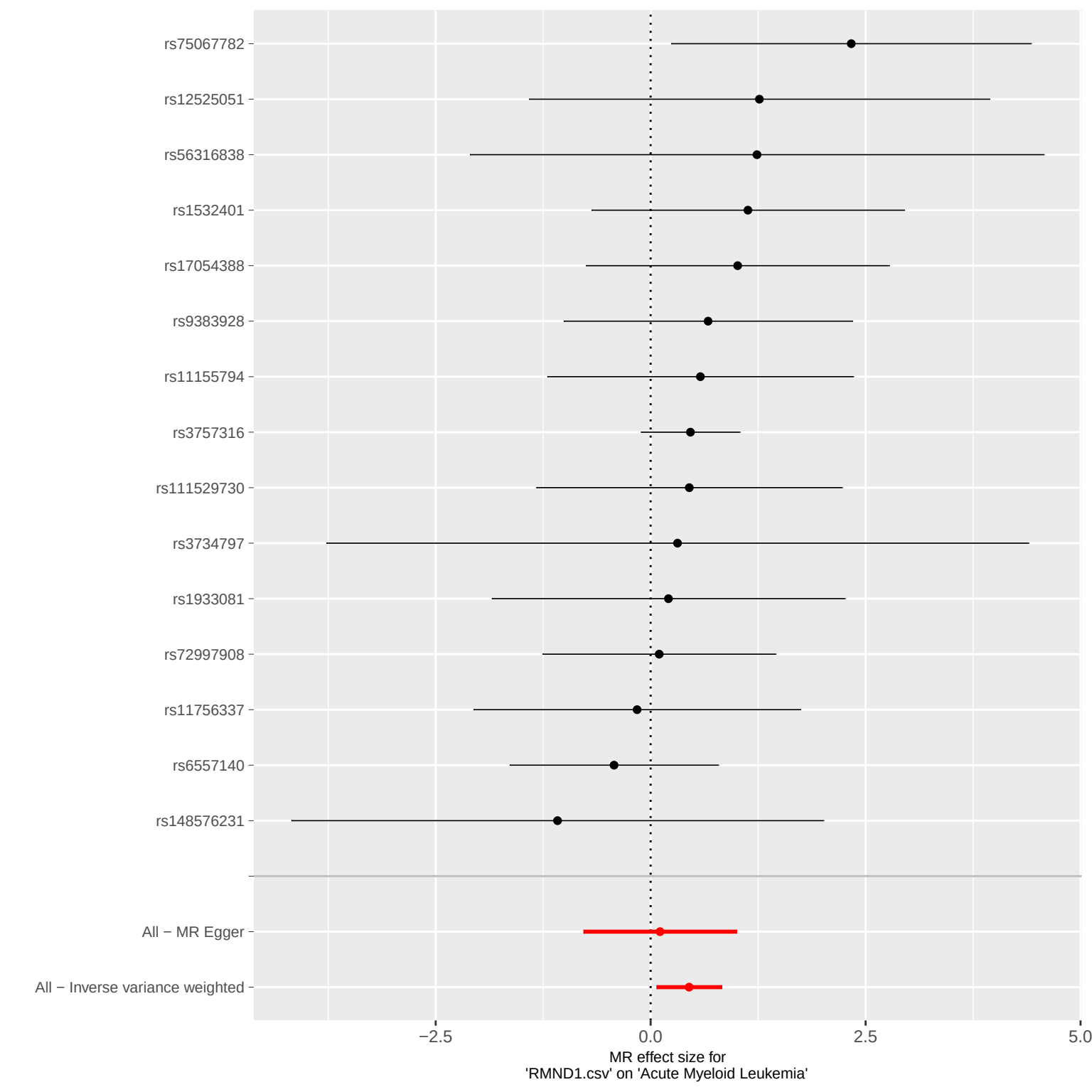
rs6046522
rs6035481
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'RIN2.csv' on 'Acute Myeloid Leukemia'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rs17054388
rs9383928
rs11155794
rs3757316
rs111529730
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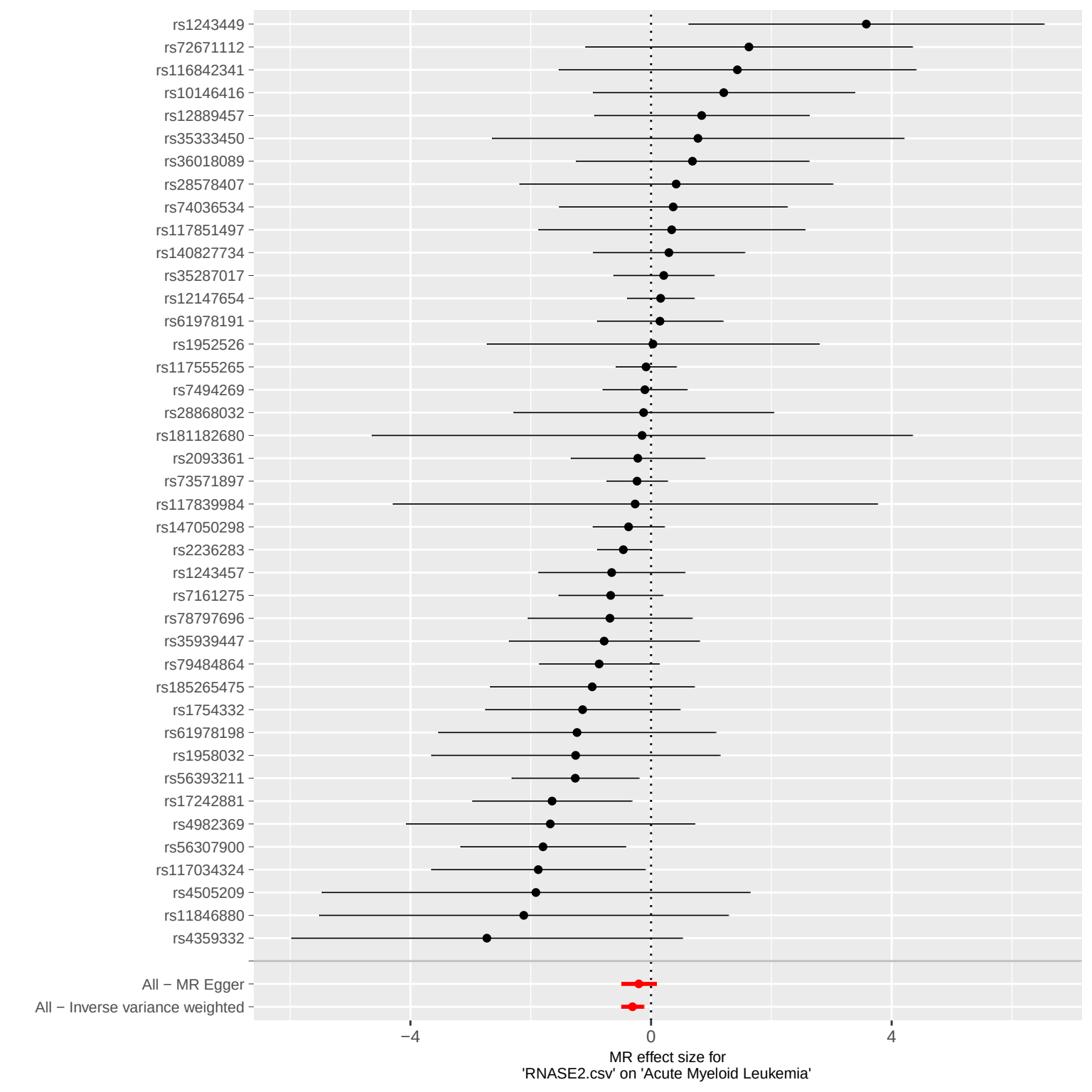
rs1933081
rs72997908
rs11756337
rs6557140
rs148576231
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'RMND1.csv' on 'Acute Myeloid Leukemia'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rs28578407
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rs140827734
rs35287017
rs12147654
rs61978191
rs1952526
rs117555265
rs7494269
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rs2093361
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rs117839984
rs147050298
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rs61978198
rs1958032
rs56393211
rs17242881
rs4982369
rs56307900
rs117034324
rs4505209
rs11846880
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All − MR Egger
All − Inverse variance weighted
−4
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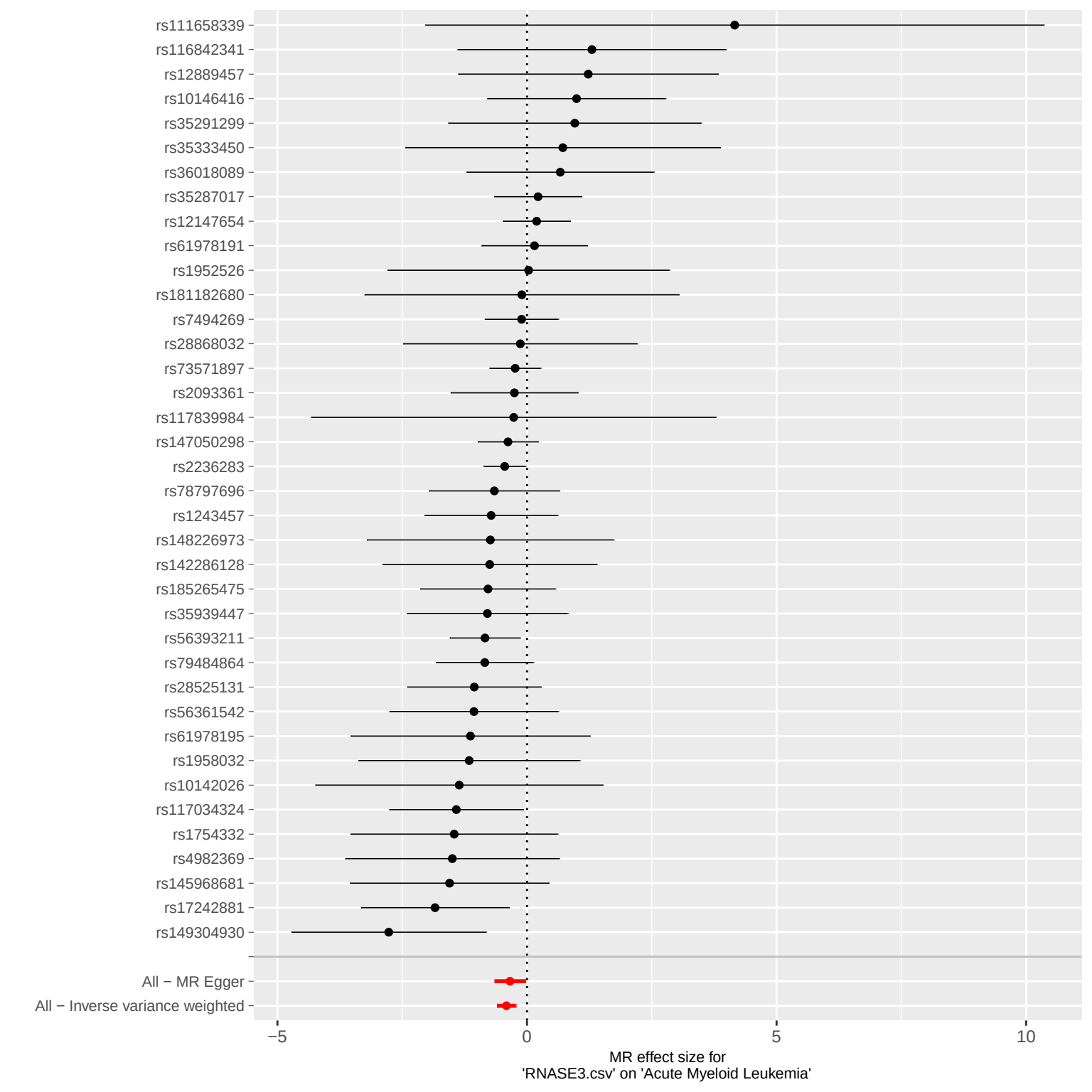
4
MR effect size for
'RNASE2.csv' on 'Acute Myeloid Leukemia'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rs117034324
rs1754332
rs4982369
rs145968681
rs17242881
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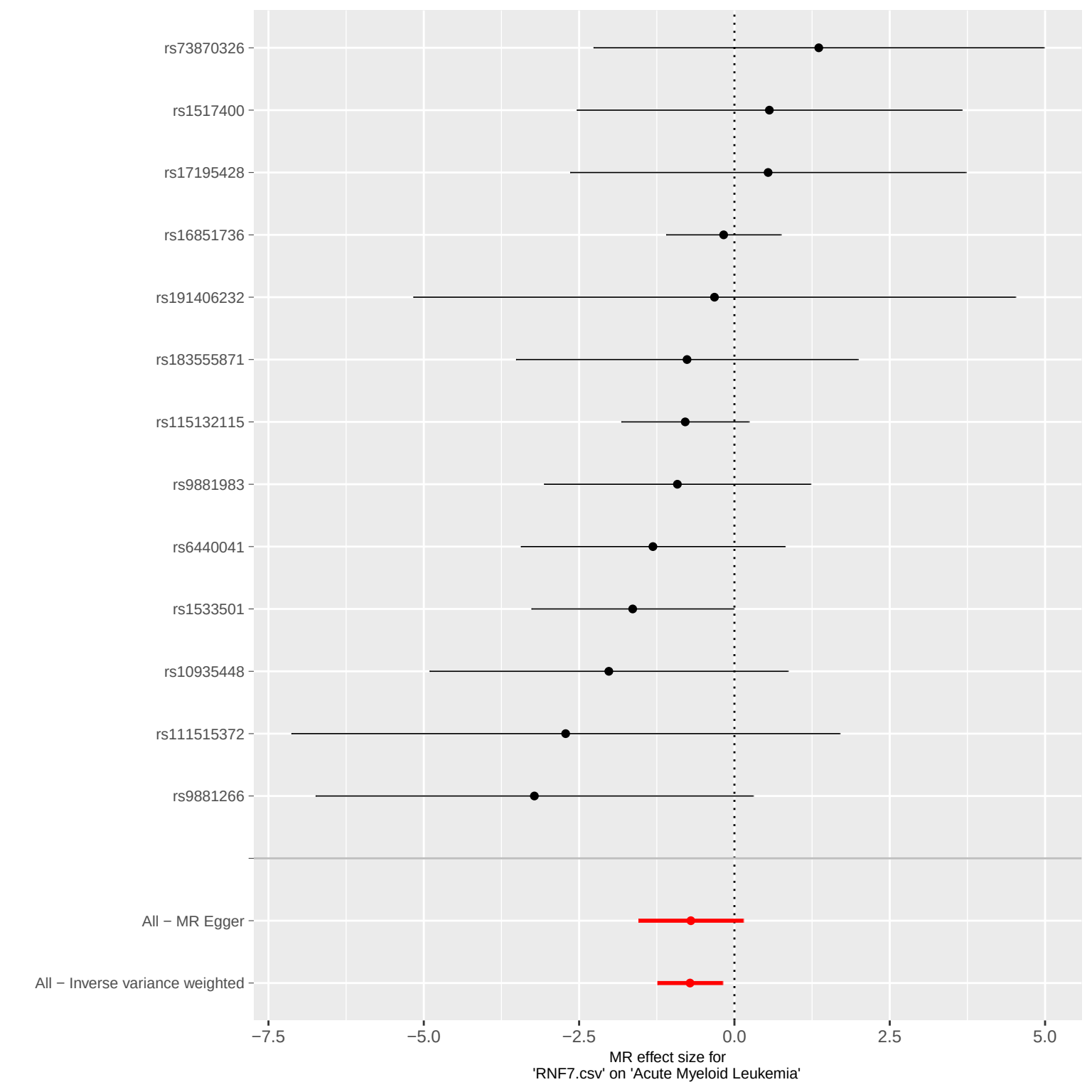
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RNASE3.csv' on 'Acute Myeloid Leukemia'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rs16851736
rs191406232
rs183555871
rs115132115
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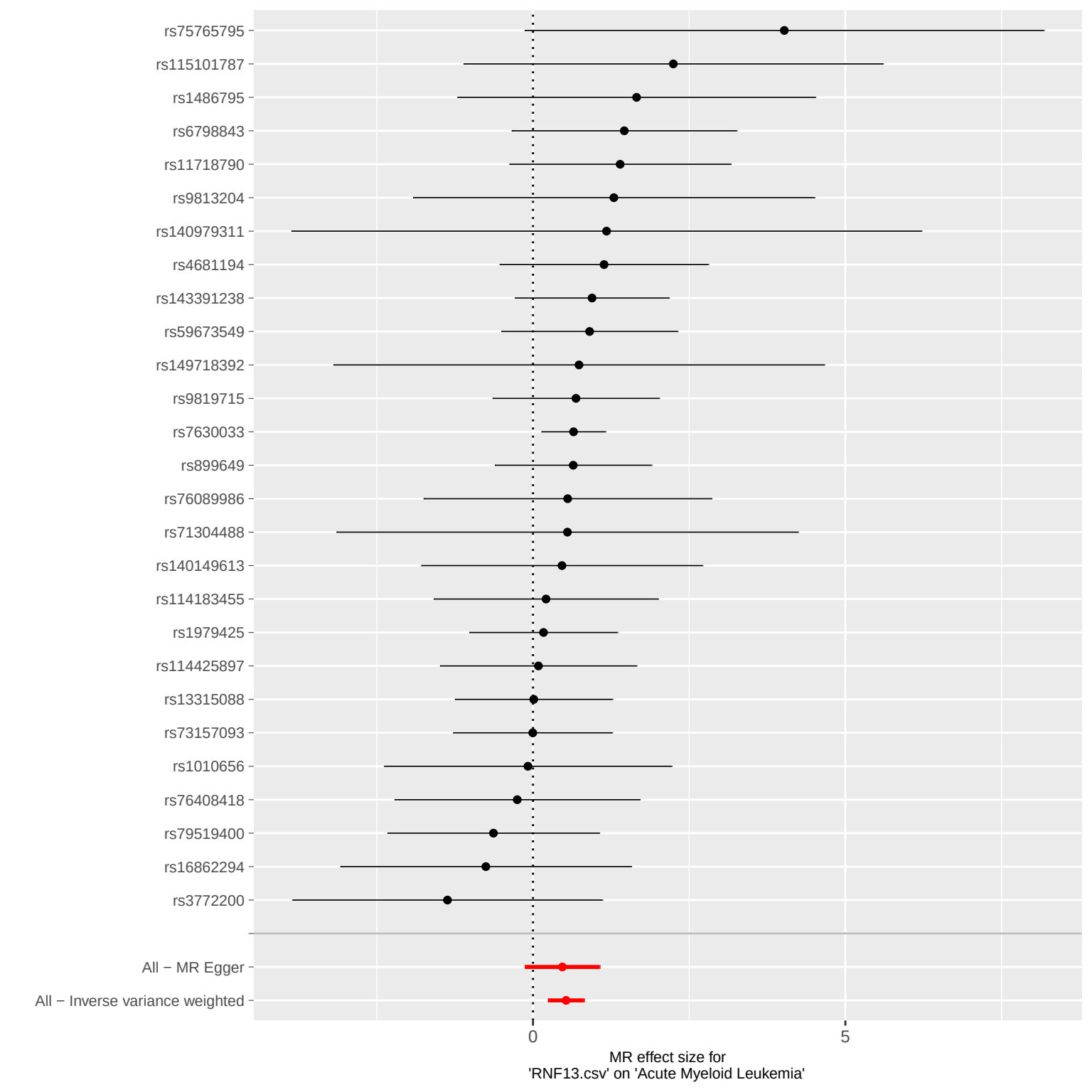
rs6440041
rs1533501
rs10935448
rs111515372
rs9881266
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'RNF7.csv' on 'Acute Myeloid Leukemia'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rs13315088
rs73157093
rs1010656
rs76408418
rs79519400
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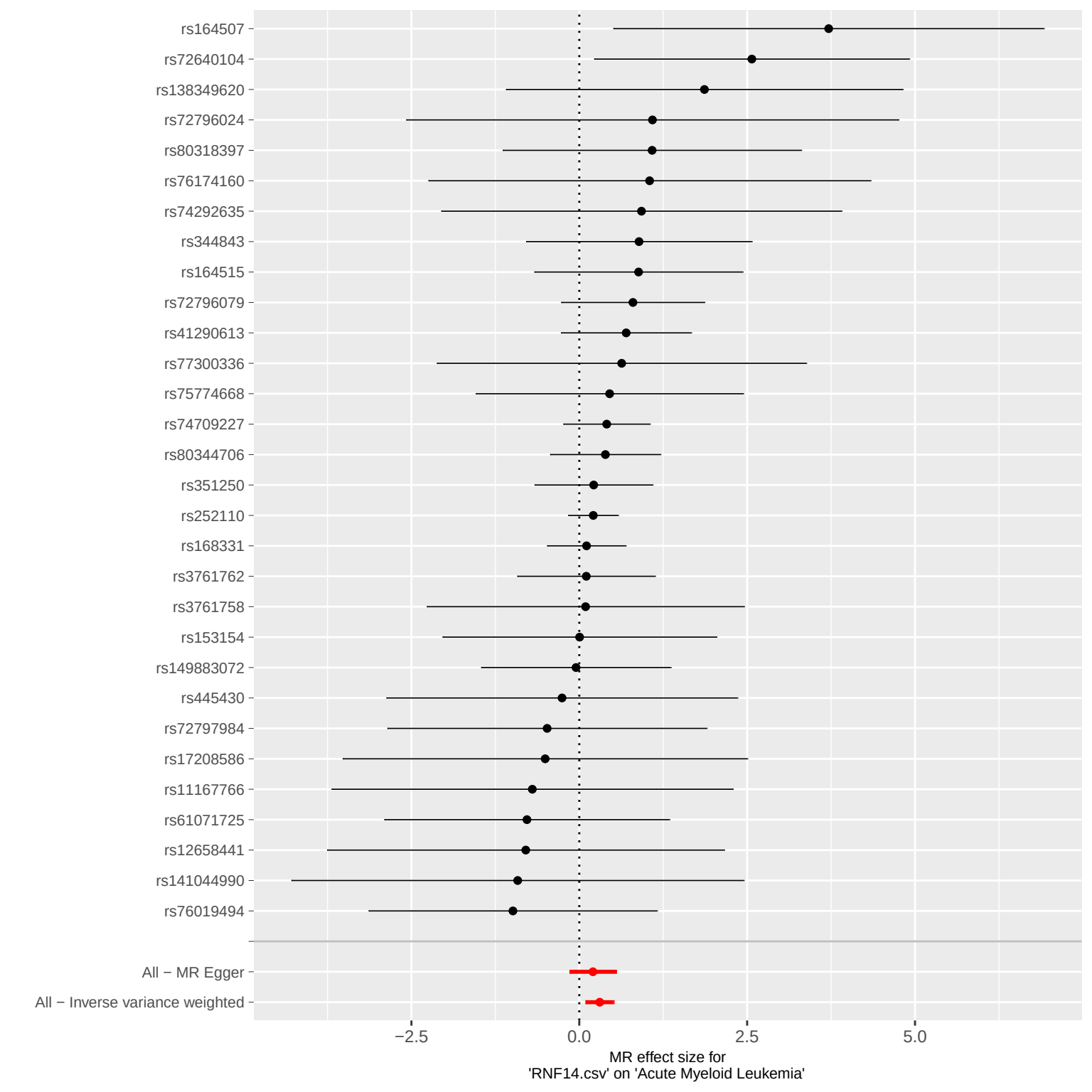
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'RNF13.csv' on 'Acute Myeloid Leukemia'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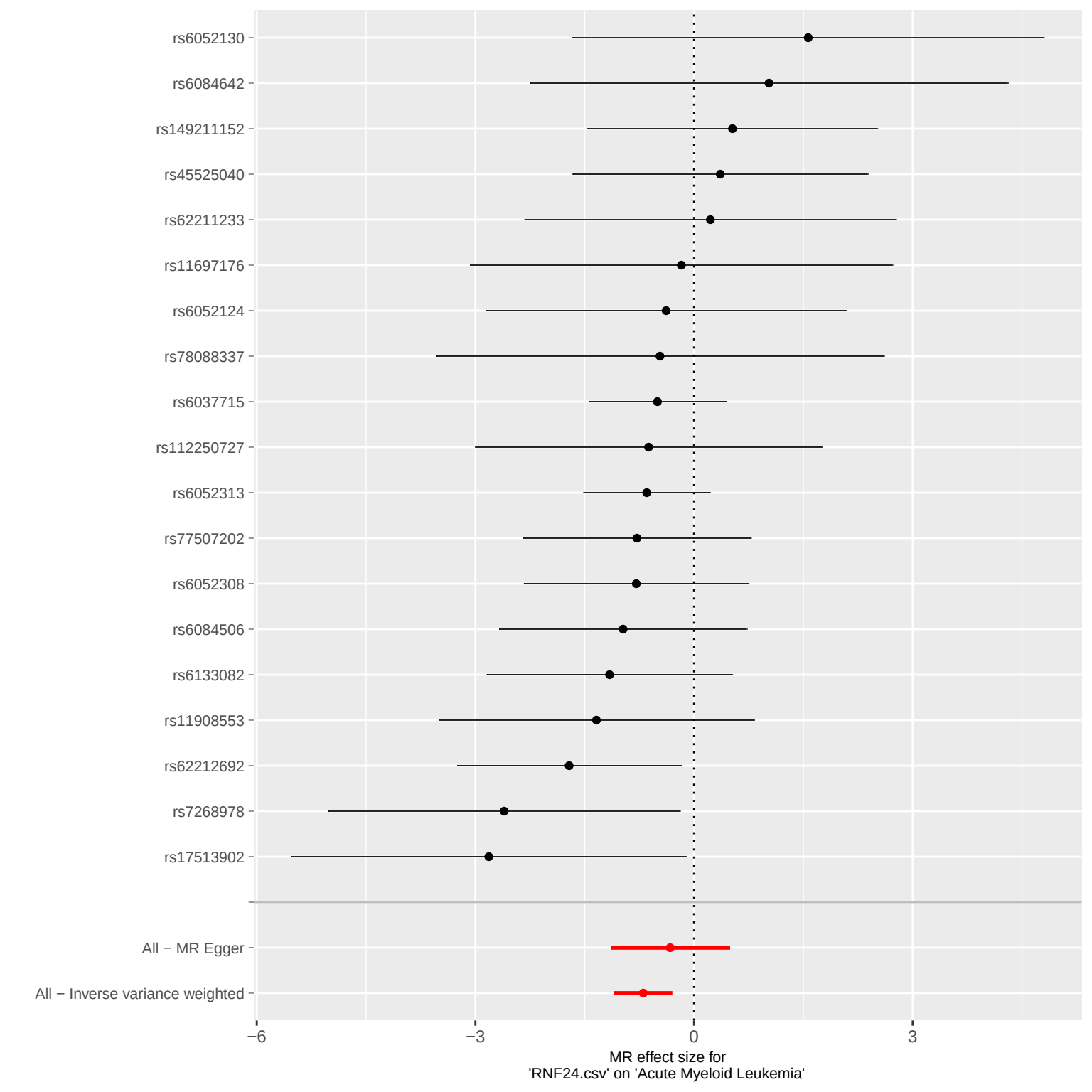
rs61071725
rs12658441
rs141044990
rs76019494
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'RNF14.csv' on 'Acute Myeloid Leukemia'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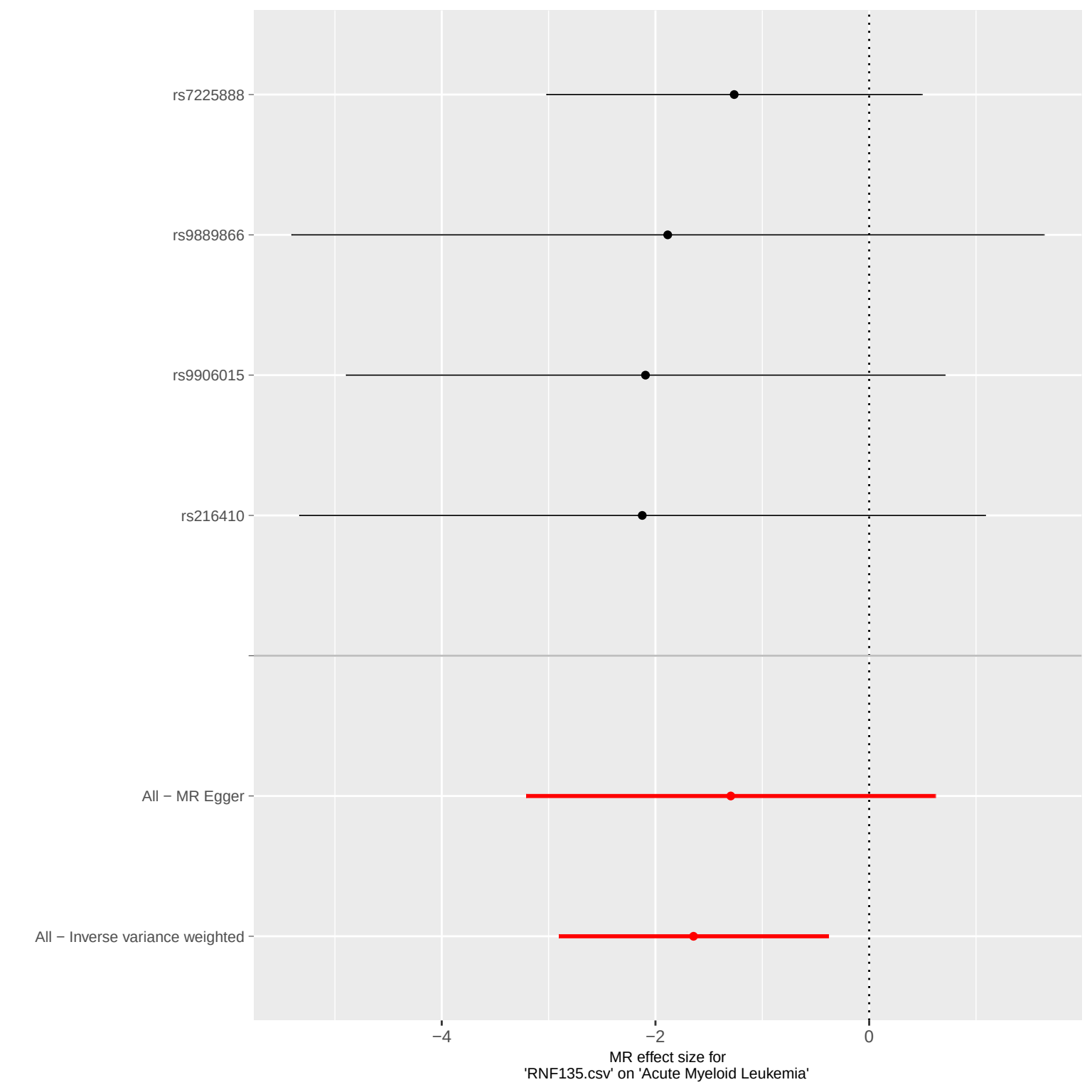
rs6052313
rs77507202
rs6052308
rs6084506
rs6133082
rs11908553
rs62212692
rs7268978
rs17513902
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'RNF24.csv' on 'Acute Myeloid Leukemia'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rs9889866
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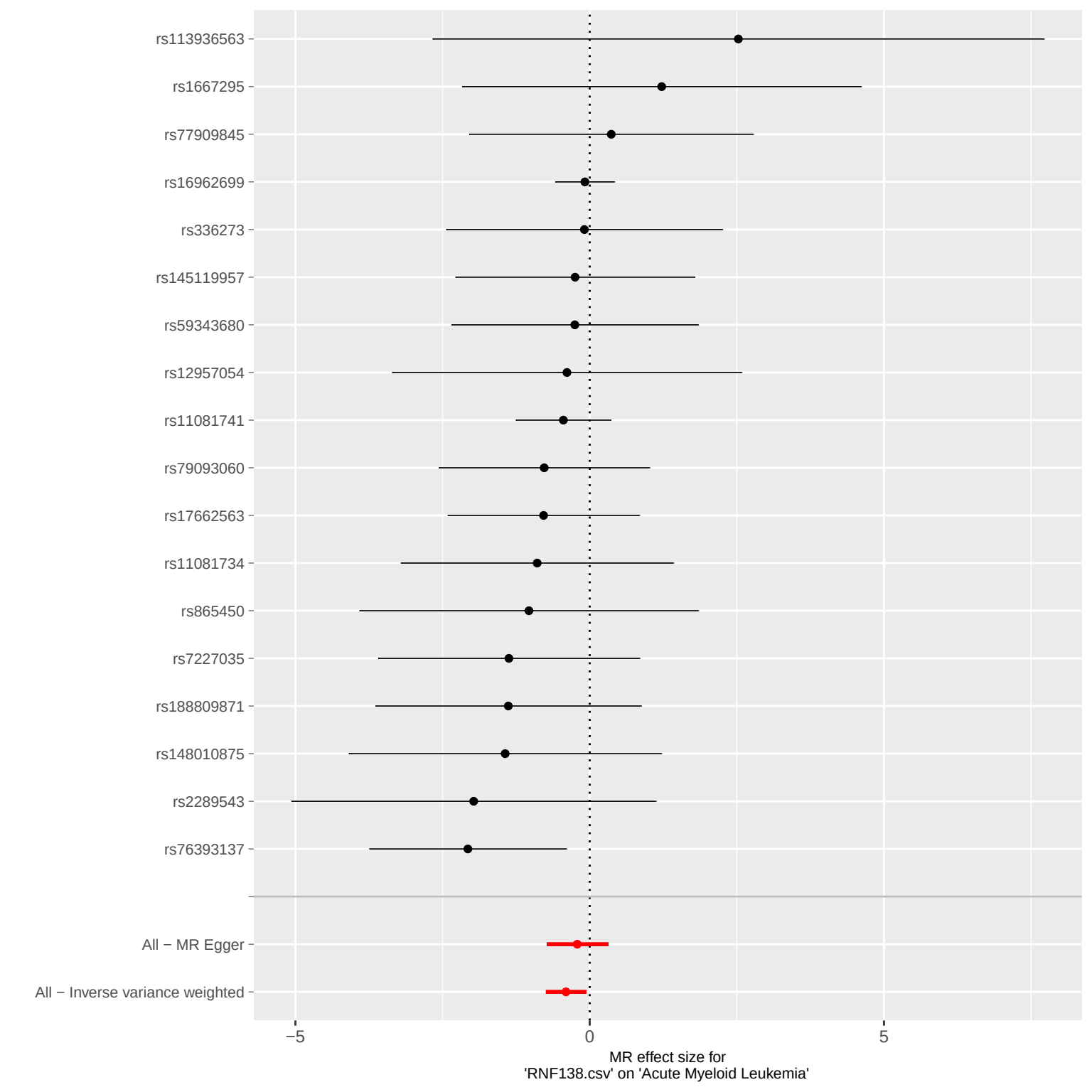
rs216410
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'RNF135.csv' on 'Acute Myeloid Leukemia'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rs865450
rs7227035
rs188809871
rs148010875
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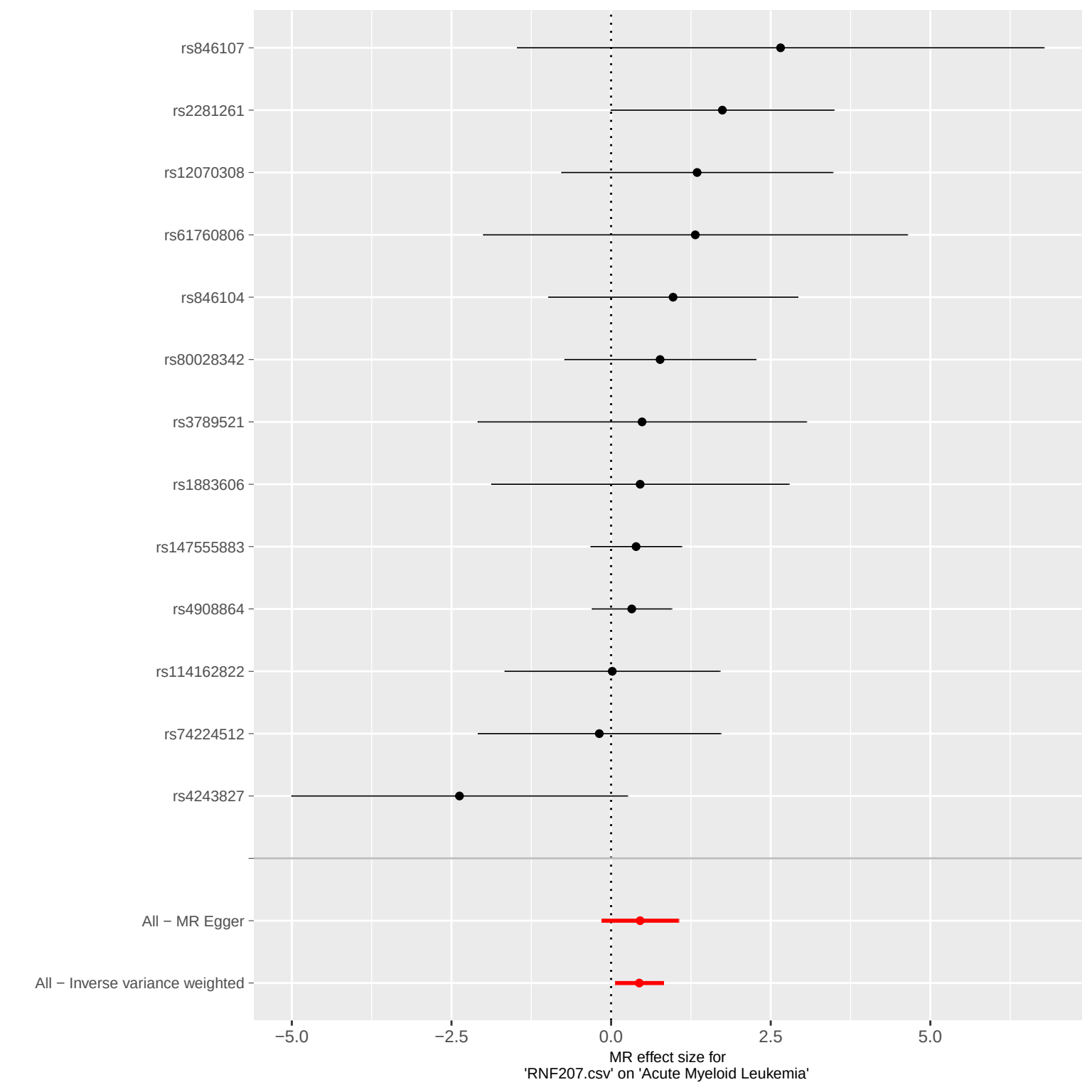
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'RNF138.csv' on 'Acute Myeloid Leukemia'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rs4908864
rs114162822
rs74224512
rs4243827
All − MR Egger
All − Inverse variance weighted
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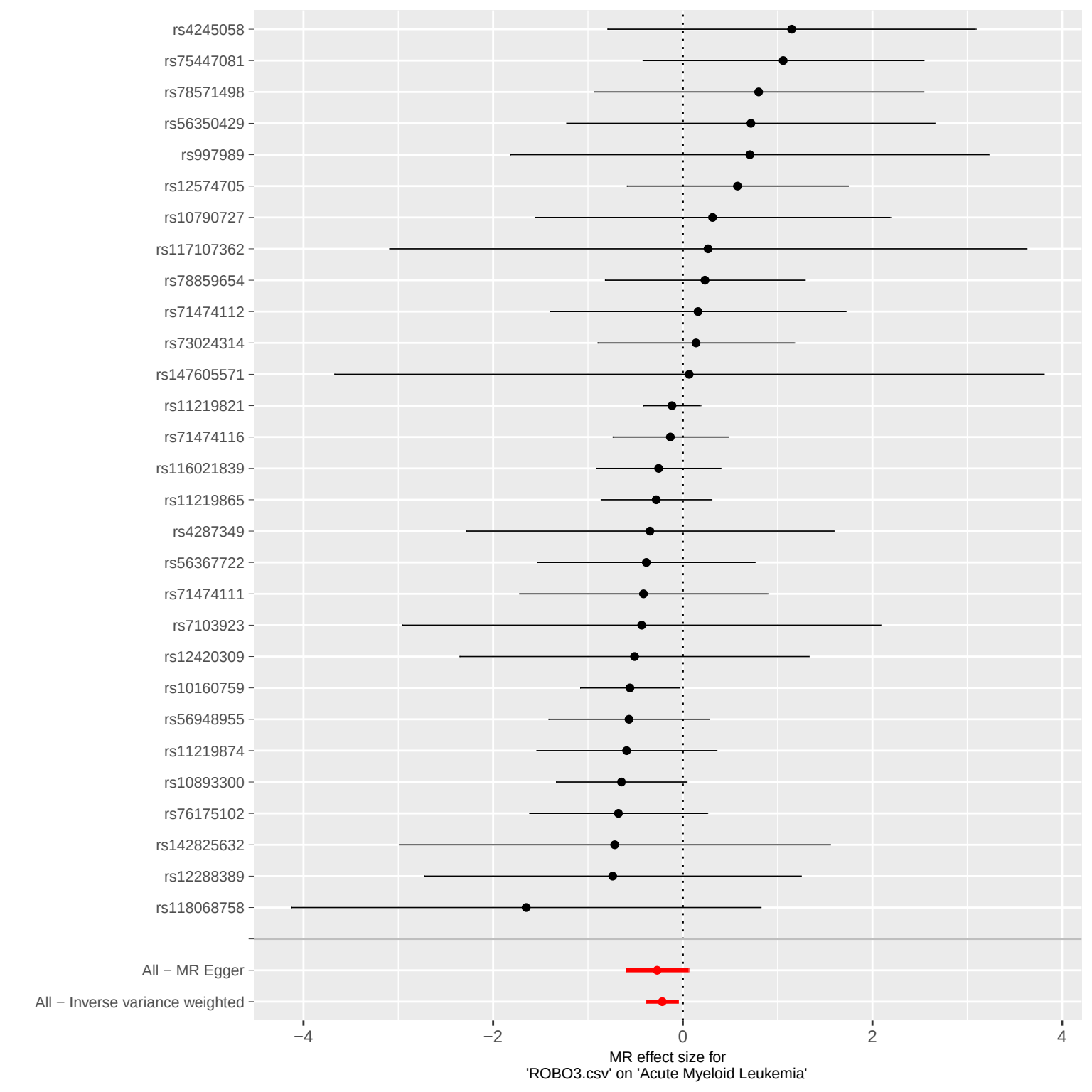
−2.5
0.0
2.5
5.0
MR effect size for
'RNF207.csv' on 'Acute Myeloid Leukemia'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rs4287349
rs56367722
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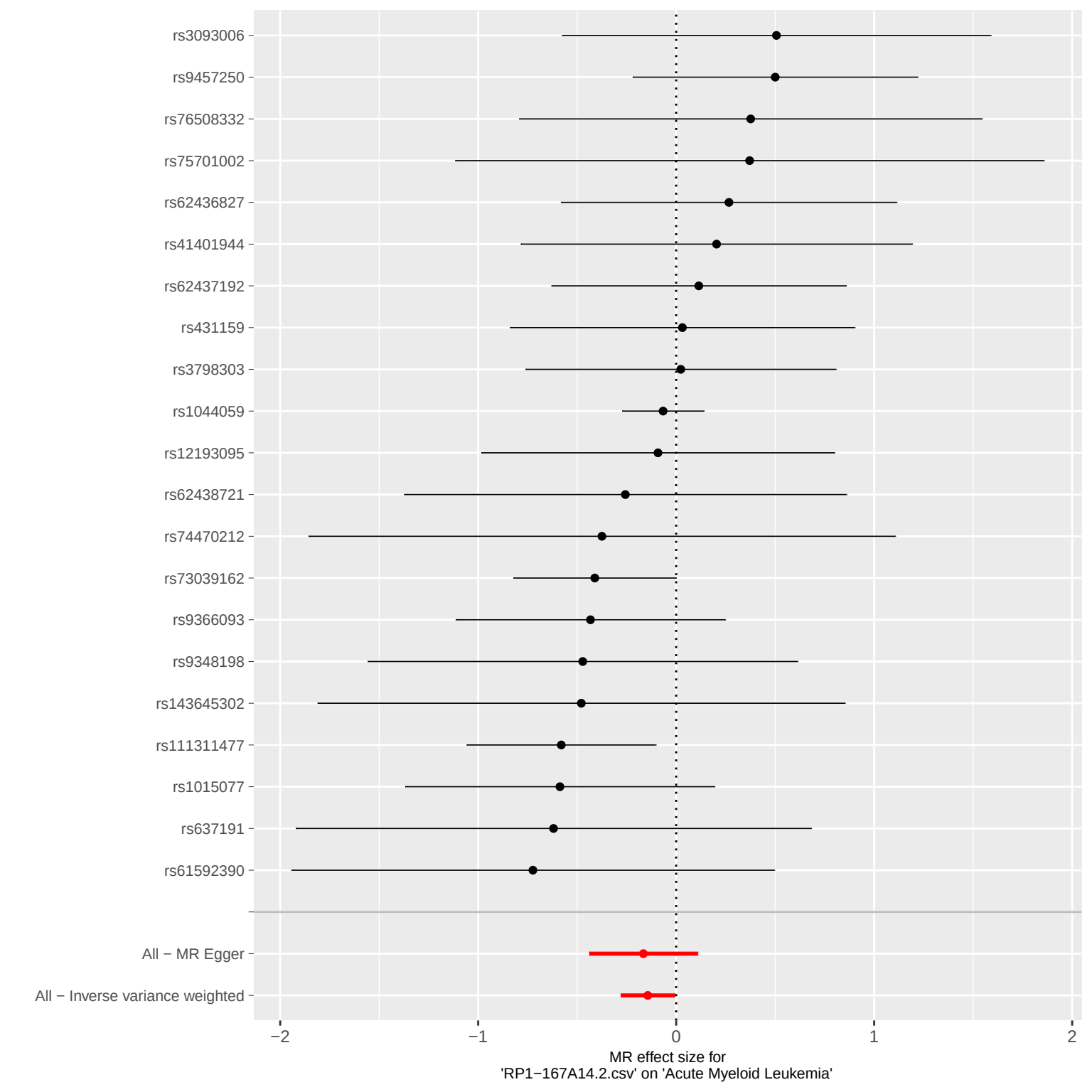
rs7103923
rs12420309
rs10160759
rs56948955
rs11219874
rs10893300
rs76175102
rs142825632
rs12288389
rs118068758
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ROBO3.csv' on 'Acute Myeloid Leukemia'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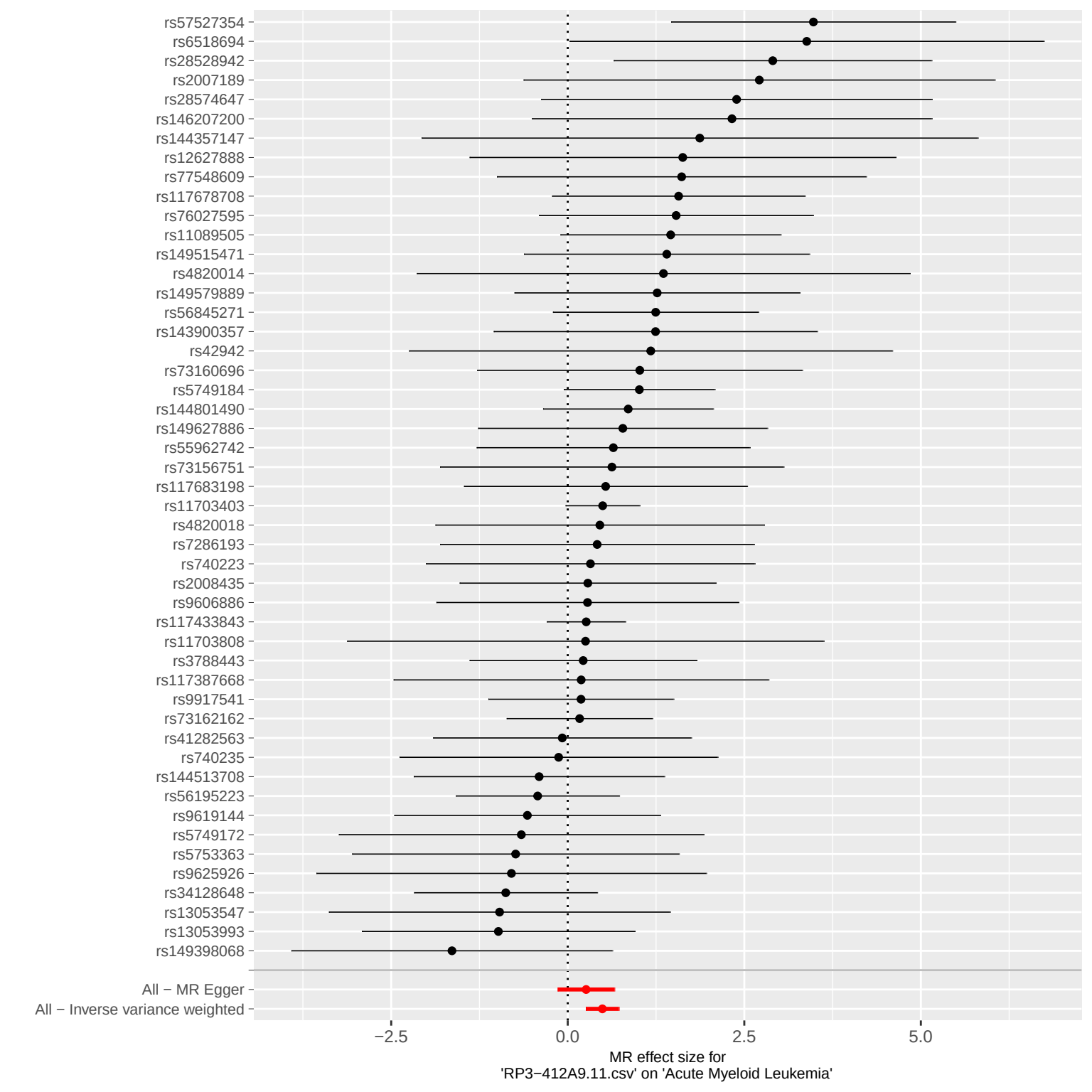
rs62438721
rs74470212
rs73039162
rs9366093
rs9348198
rs143645302
rs111311477
rs1015077
rs637191
rs61592390
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RP1−167A14.2.csv' on 'Acute Myeloid Leukemia'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rs144513708
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rs9619144
rs5749172
rs5753363
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rs34128648
rs13053547
rs13053993
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All − MR Egger
All − Inverse variance weighted
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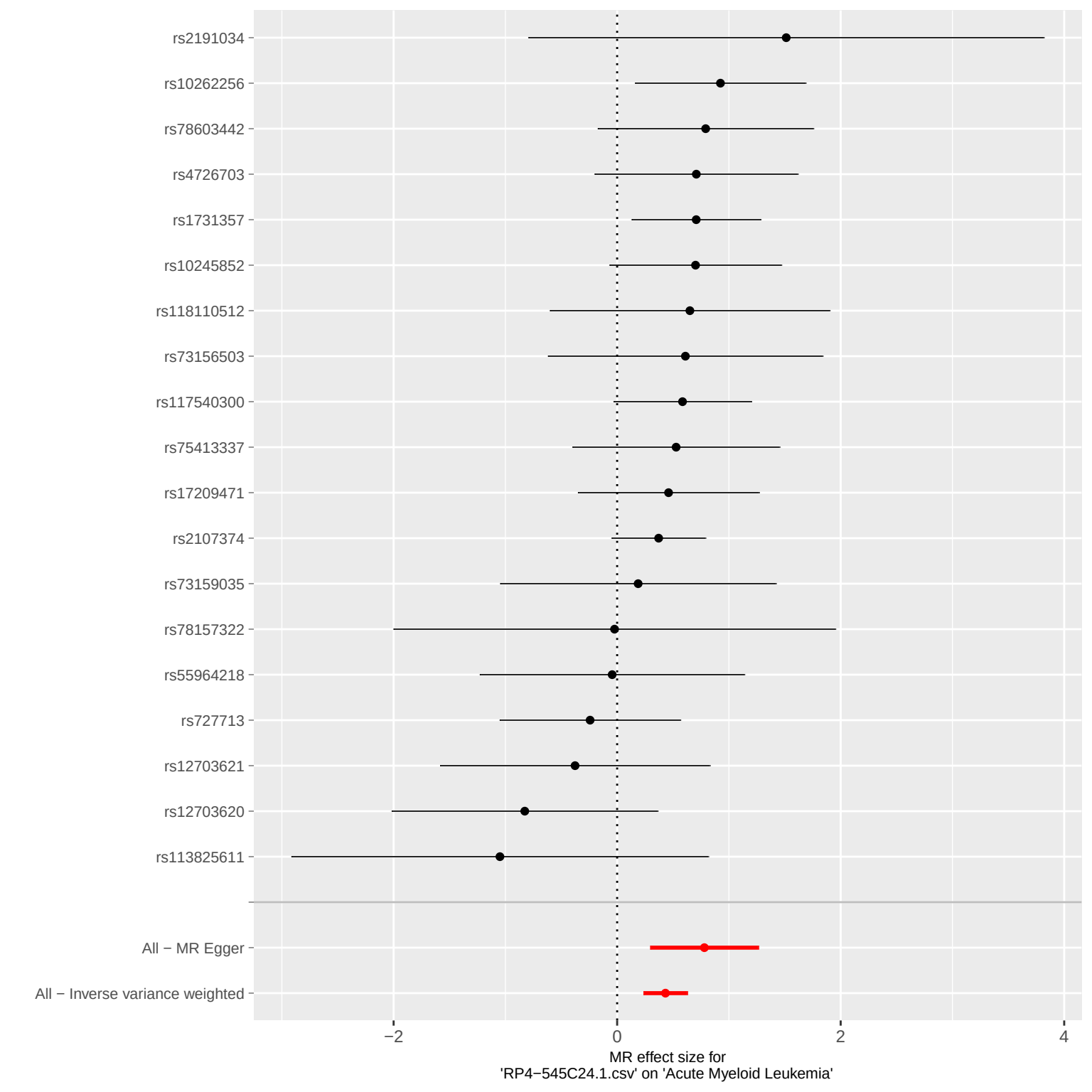
0.0
2.5
5.0
MR effect size for
'RP3−412A9.11.csv' on 'Acute Myeloid Leukemia'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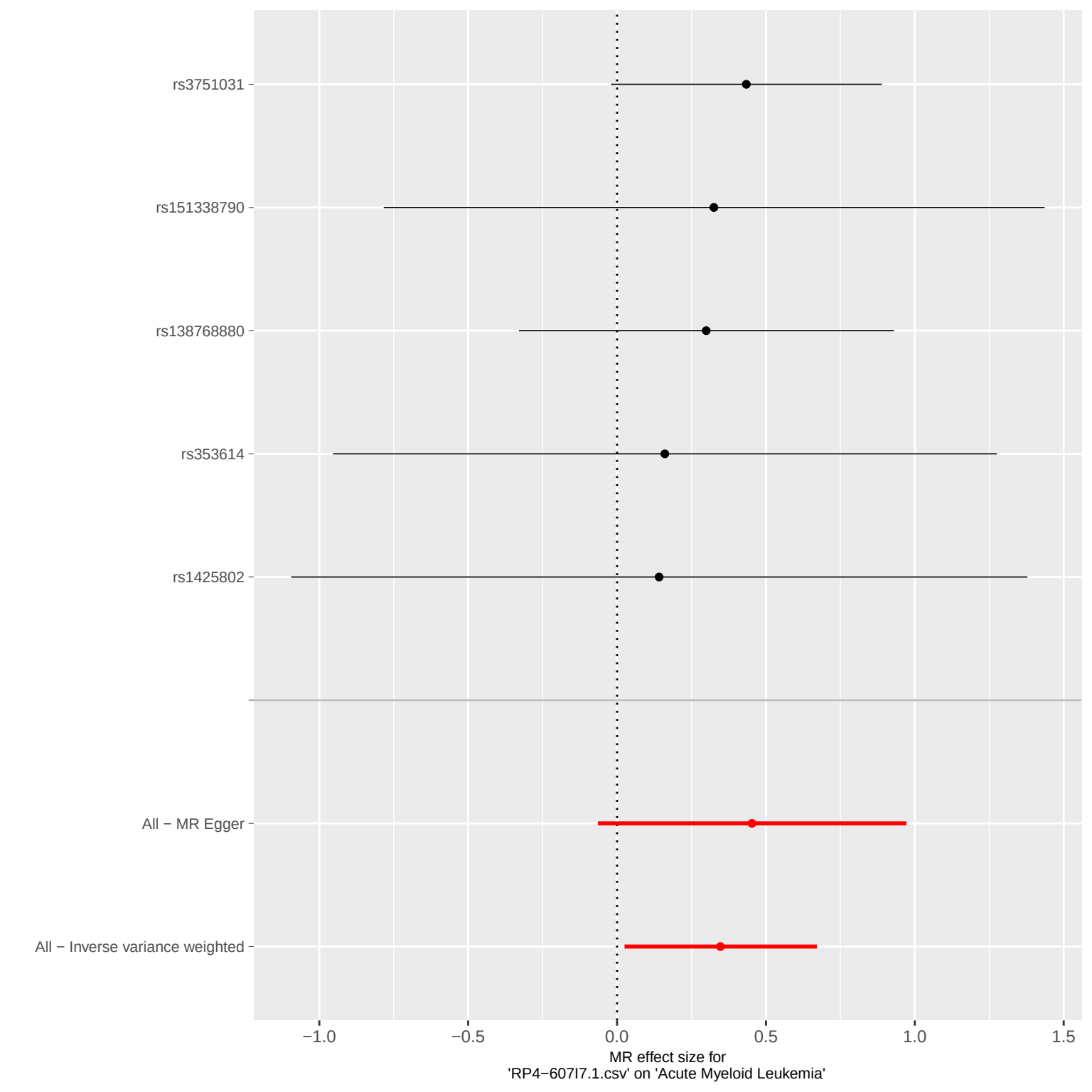
rs73159035
rs78157322
rs55964218
rs727713
rs12703621
rs12703620
rs113825611
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RP4−545C24.1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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1.0
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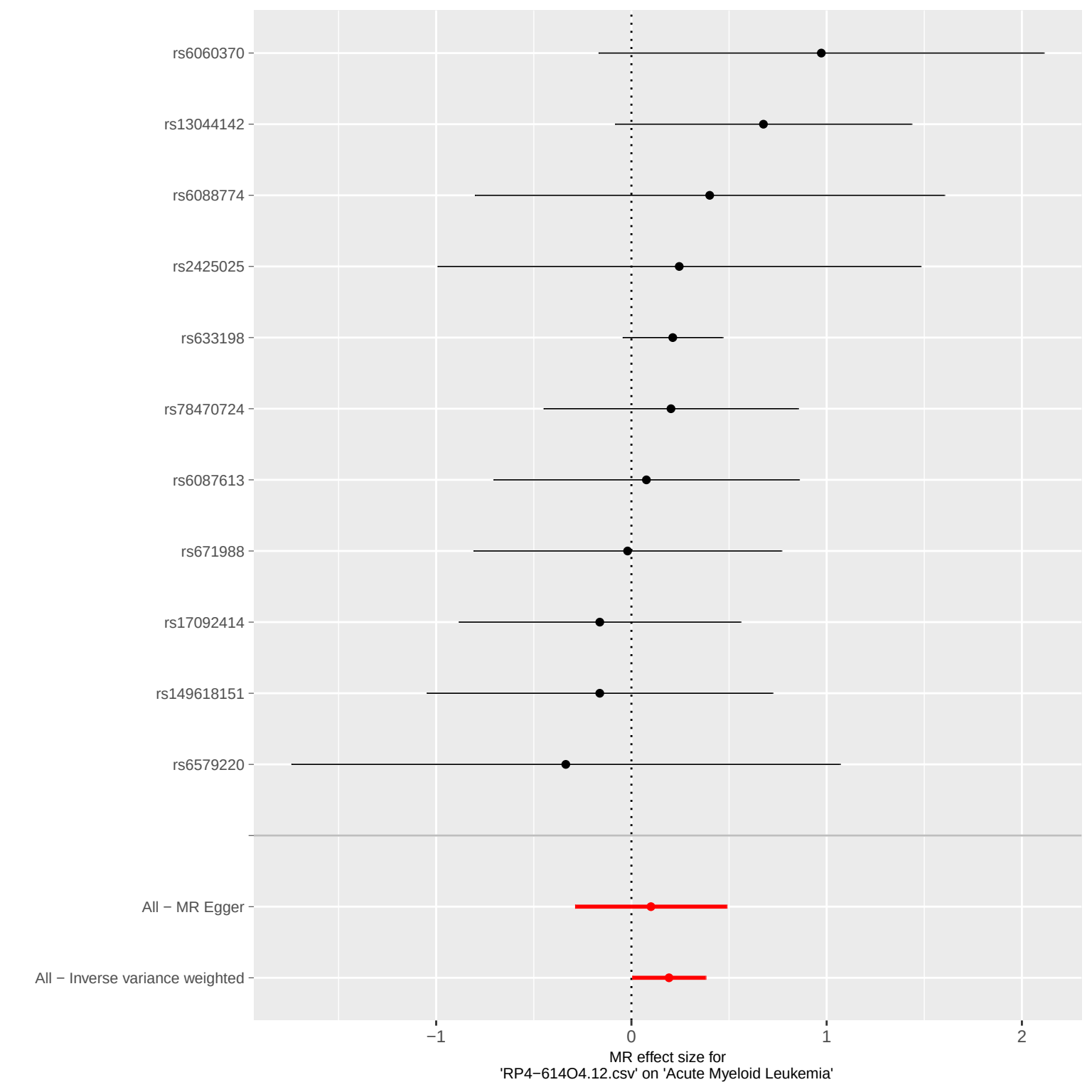
MR effect size for
'RP4−607I7.1.csv' on 'Acute Myeloid Leukemia'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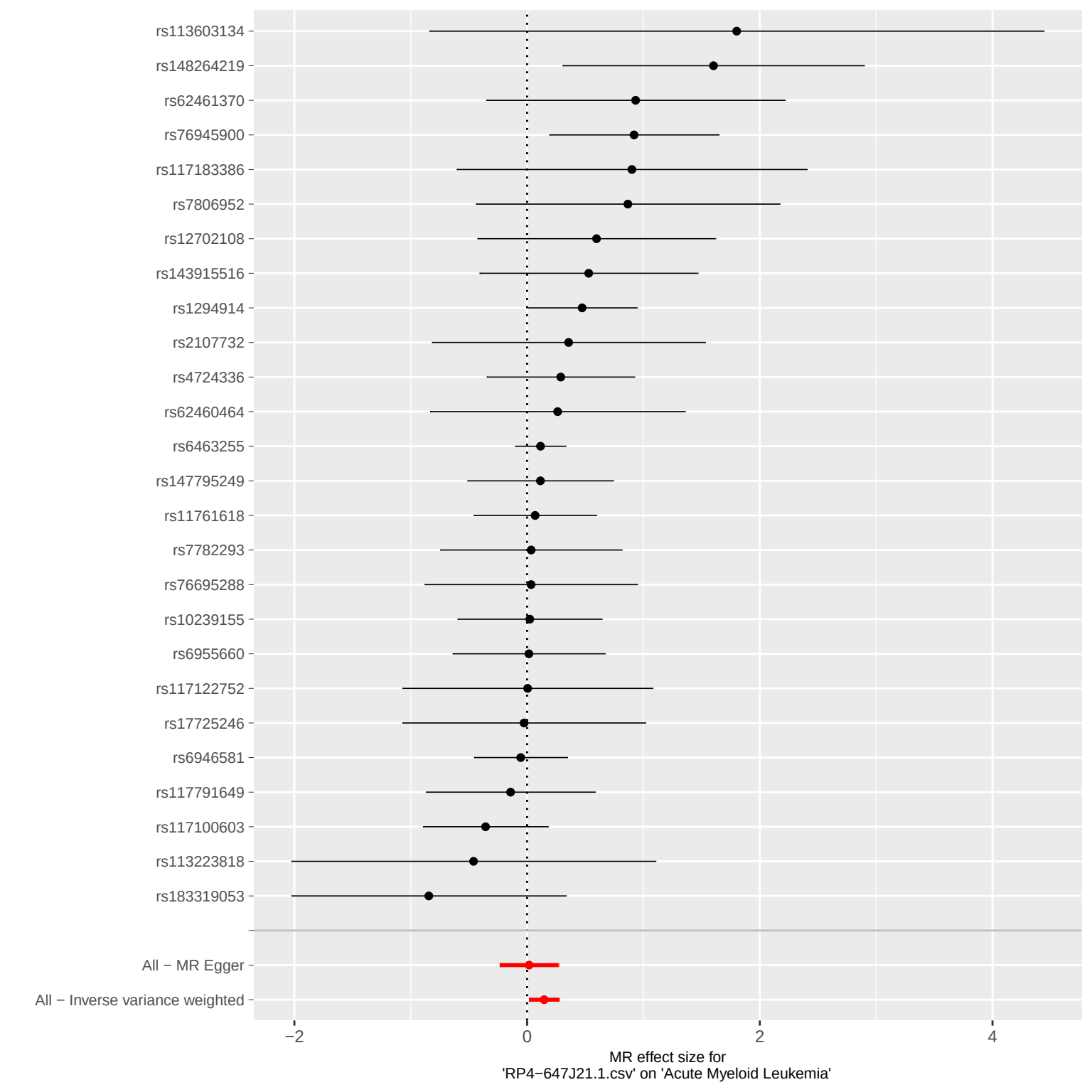
rs17092414
rs149618151
rs6579220
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'RP4−614O4.12.csv' on 'Acute Myeloid Leukemia'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rs6955660
rs117122752
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rs117791649
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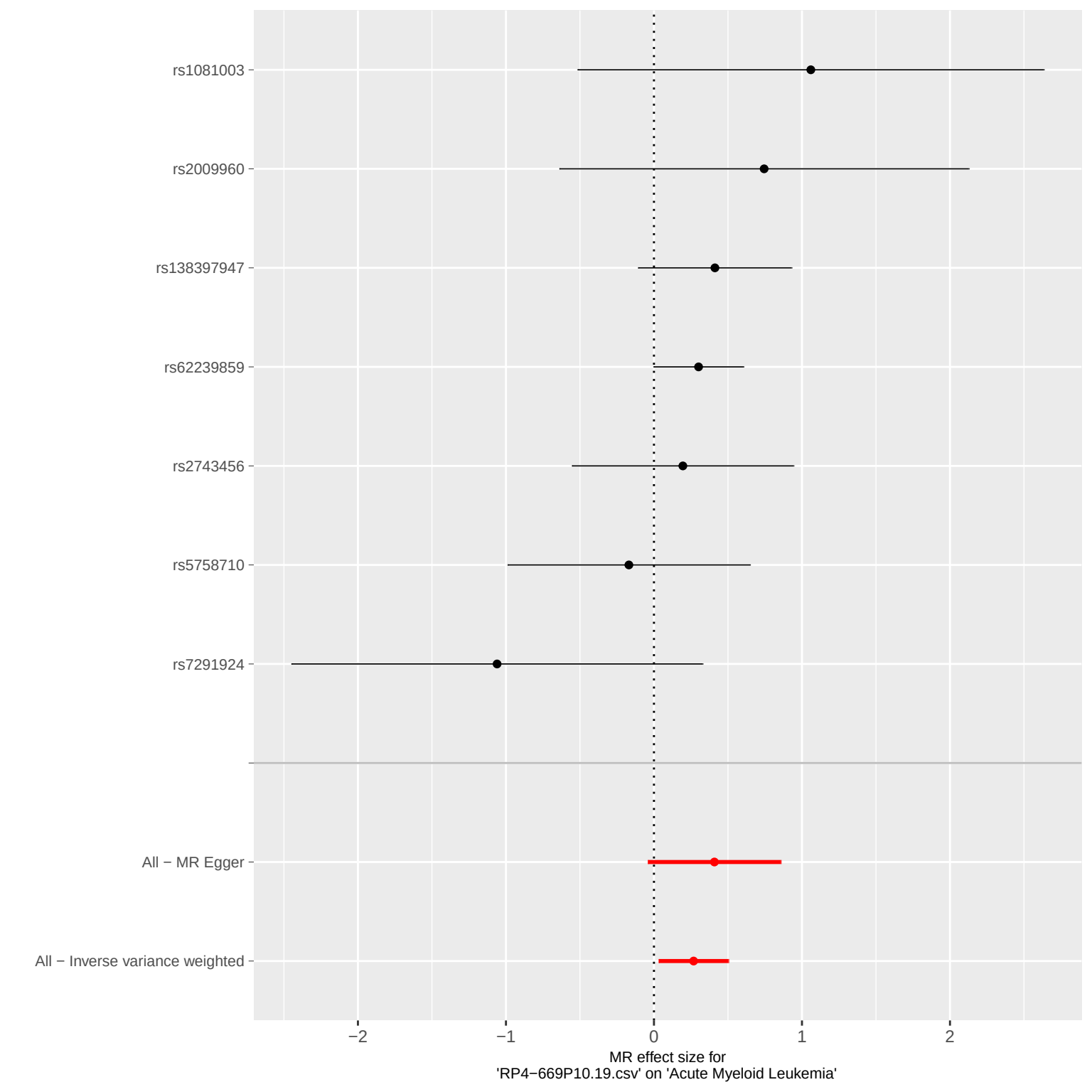
rs183319053
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RP4−647J21.1.csv' on 'Acute Myeloid Leukemia'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rs138397947
rs62239859
rs2743456
rs5758710
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All − MR Egger
All − Inverse variance weighted
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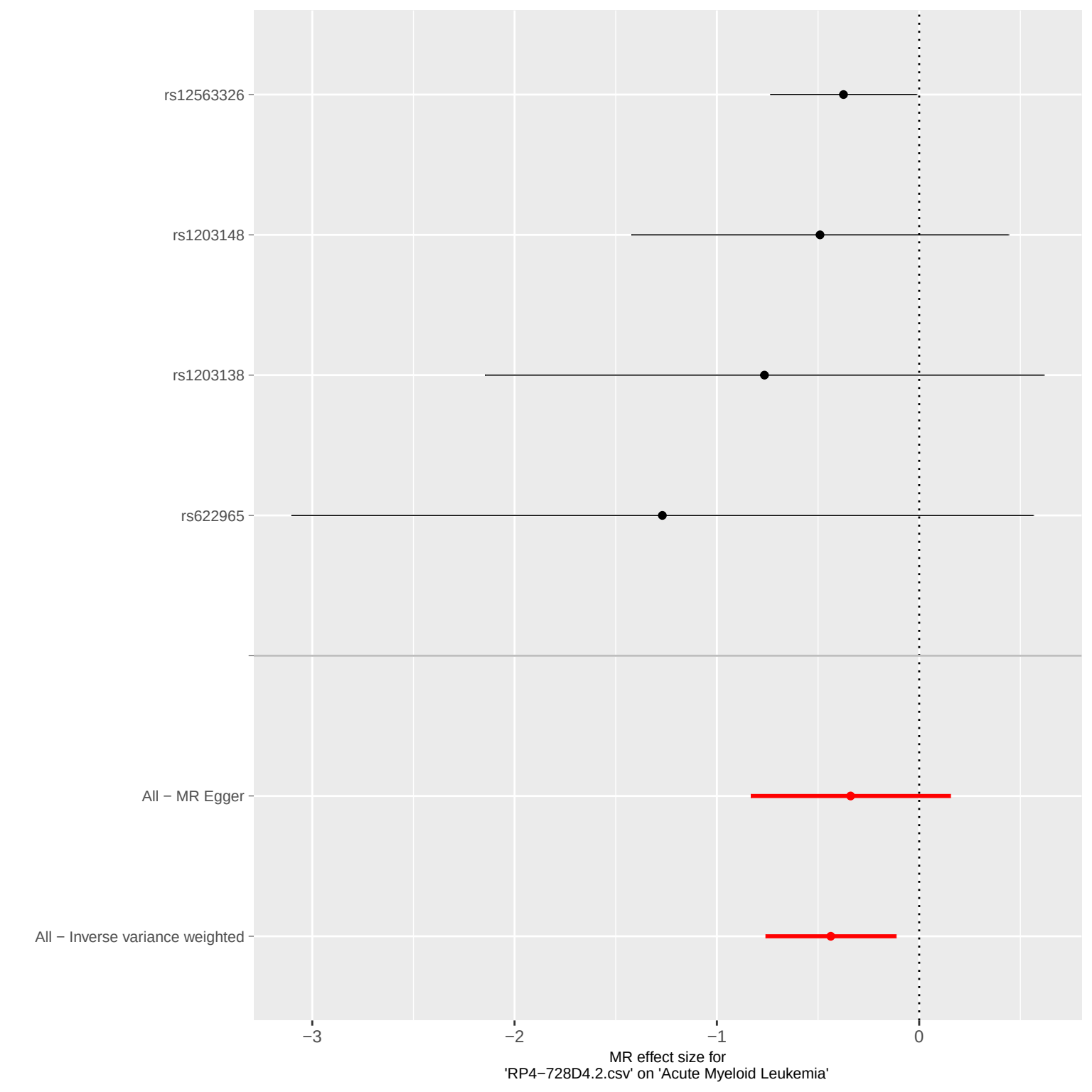
−1
0
1
2
MR effect size for
'RP4−669P10.19.csv' on 'Acute Myeloid Leukemia'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rs1203138
rs622965
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−1
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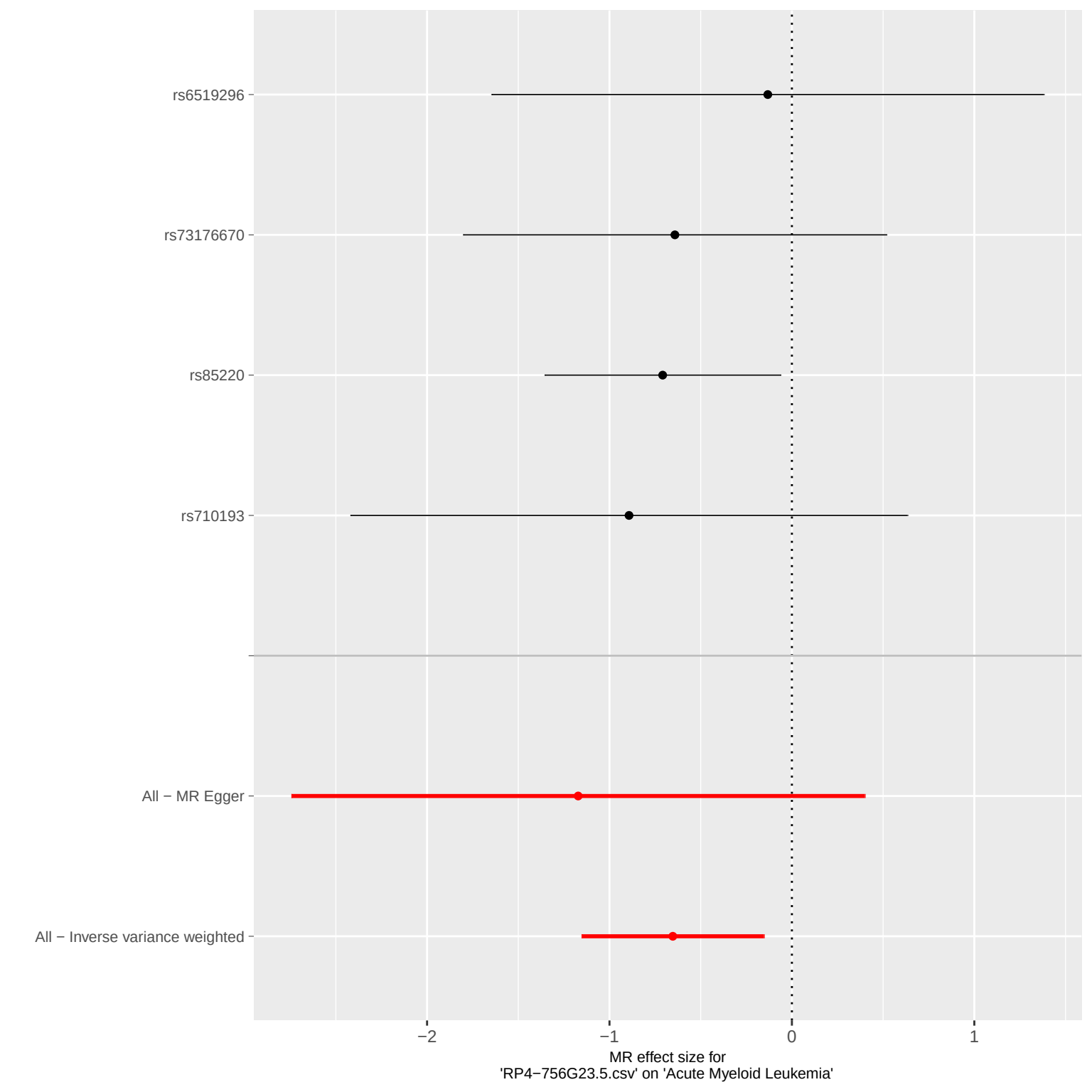
MR effect size for
'RP4−728D4.2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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−1
0
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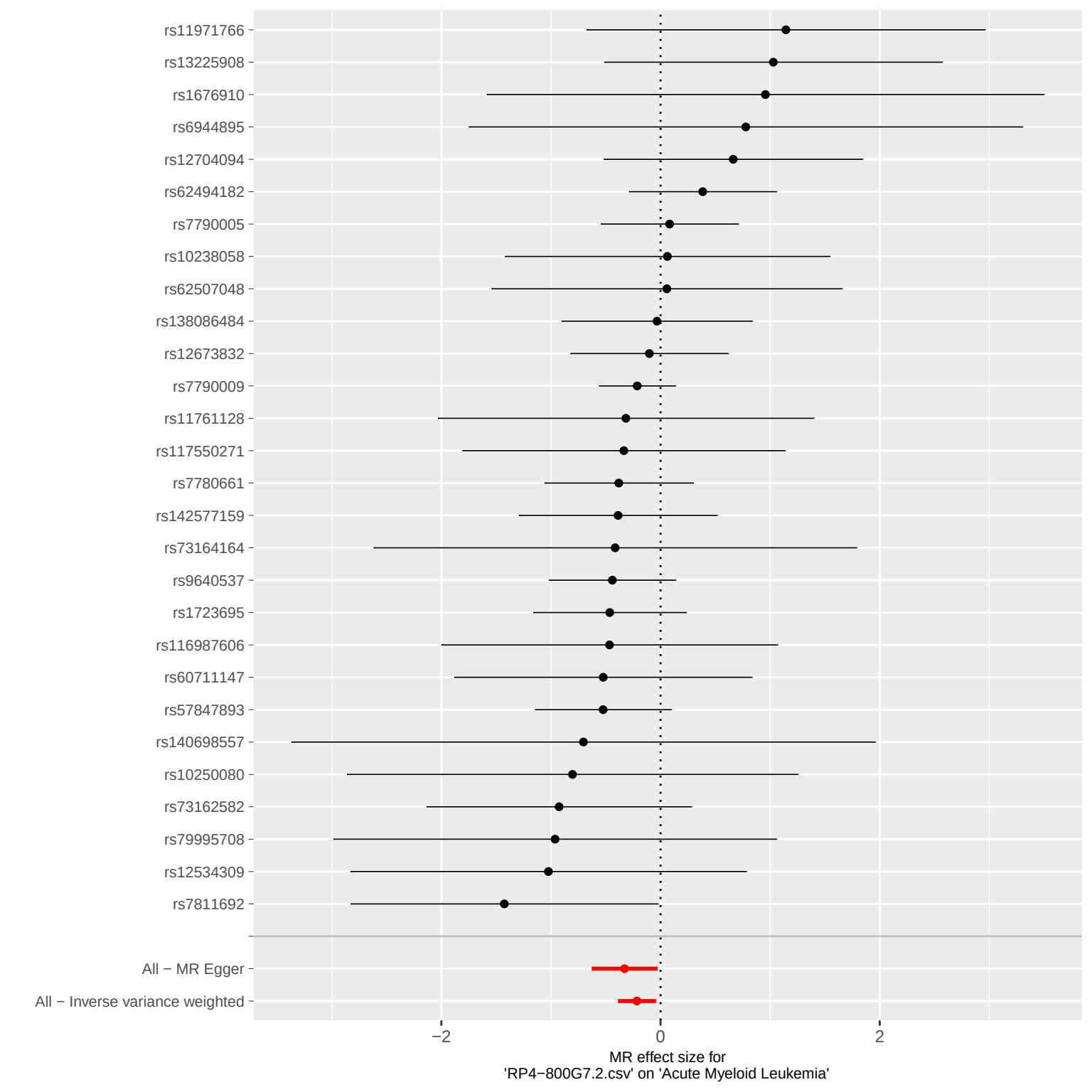
MR effect size for
'RP4−756G23.5.csv' on 'Acute Myeloid Leukemia'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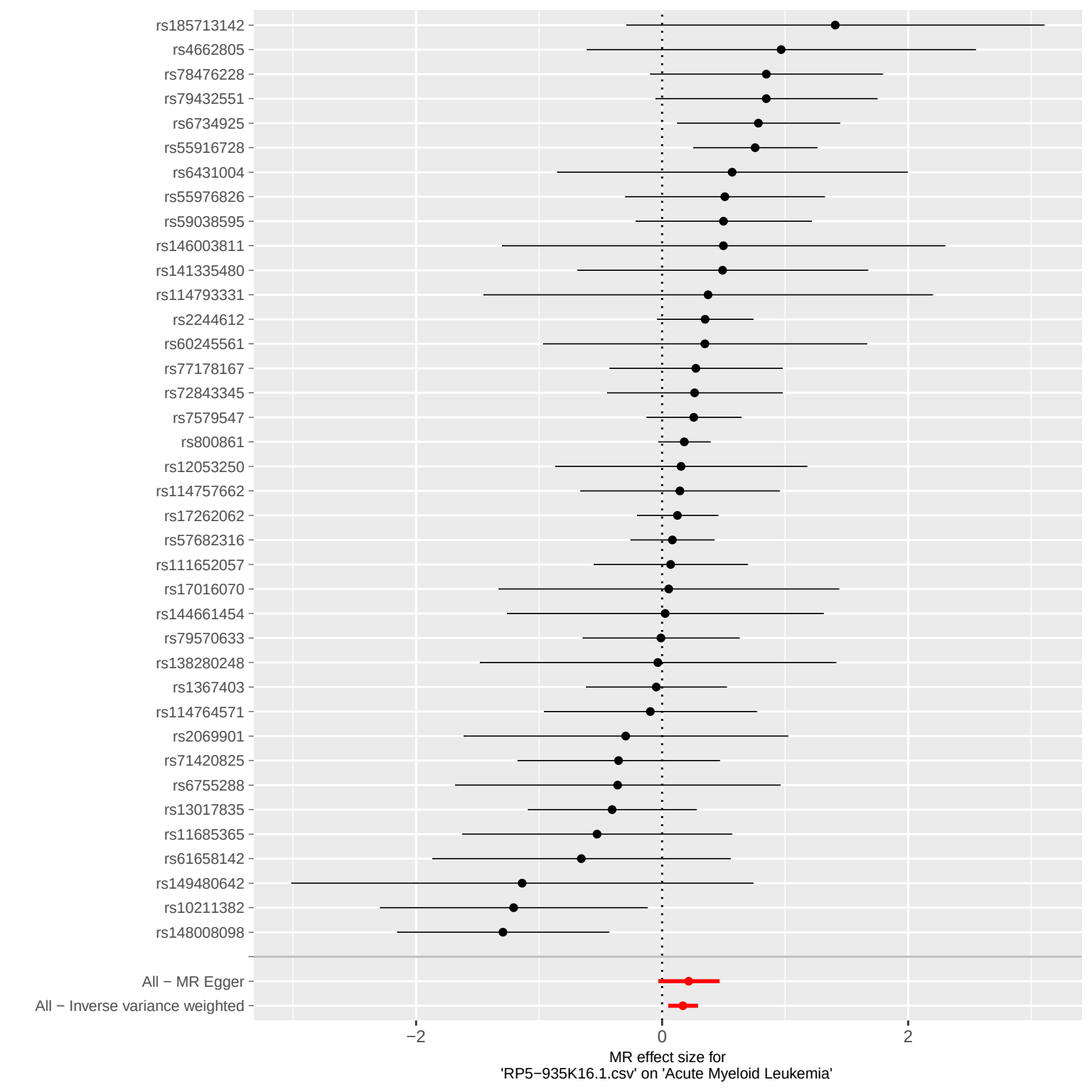
MR effect size for
'RP4−800G7.2.csv' on 'Acute Myeloid Leukemia'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rs2069901
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rs149480642
rs10211382
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All − MR Egger
All − Inverse variance weighted
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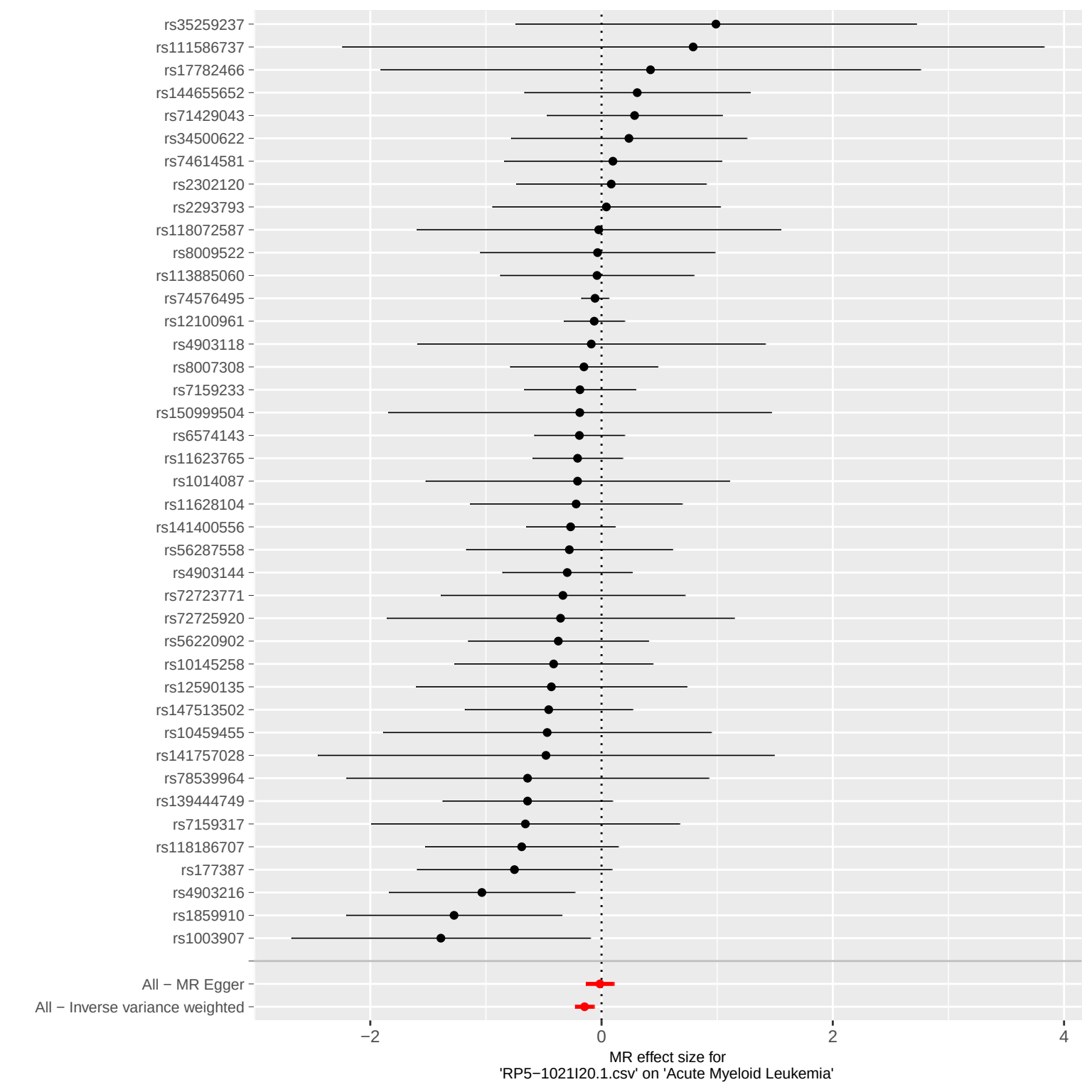
MR effect size for
'RP5−935K16.1.csv' on 'Acute Myeloid Leukemia'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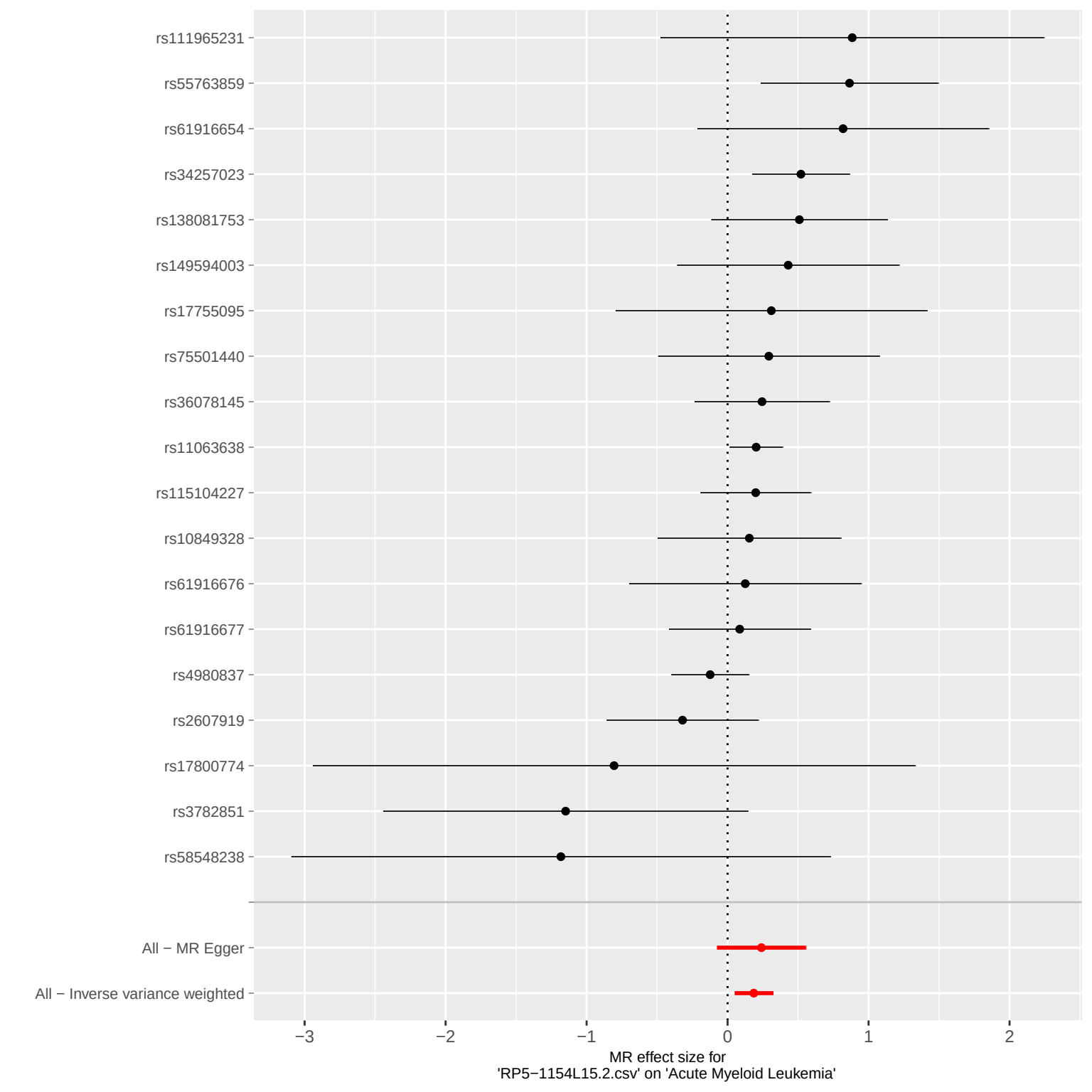
MR effect size for
'RP5−1021I20.1.csv' on 'Acute Myeloid Leukemia'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rs3782851
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All − MR Egger
All − Inverse variance weighted
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−2
−1
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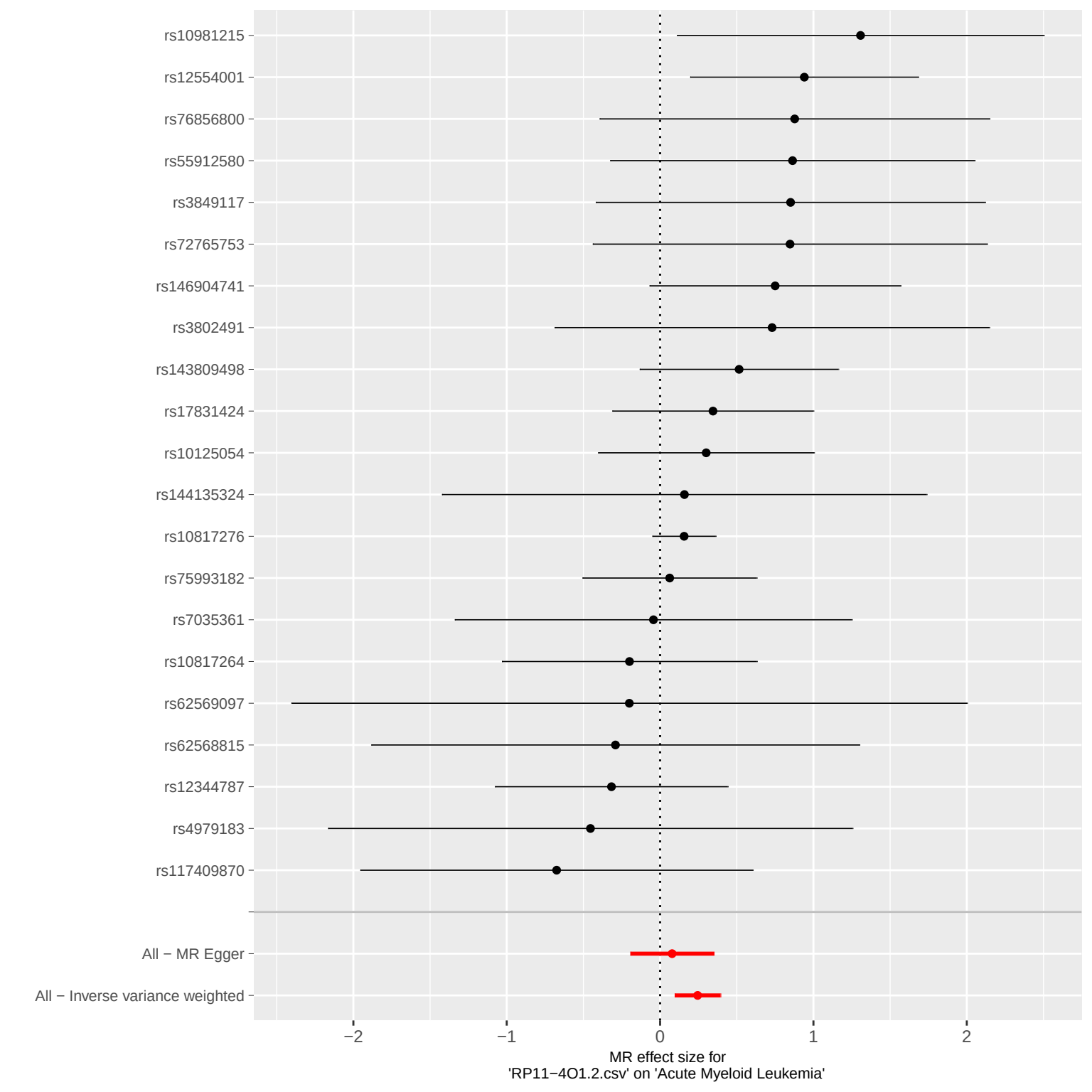
1
2
MR effect size for
'RP5−1154L15.2.csv' on 'Acute Myeloid Leukemia'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rs7035361
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rs62569097
rs62568815
rs12344787
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All − MR Egger
All − Inverse variance weighted
−2
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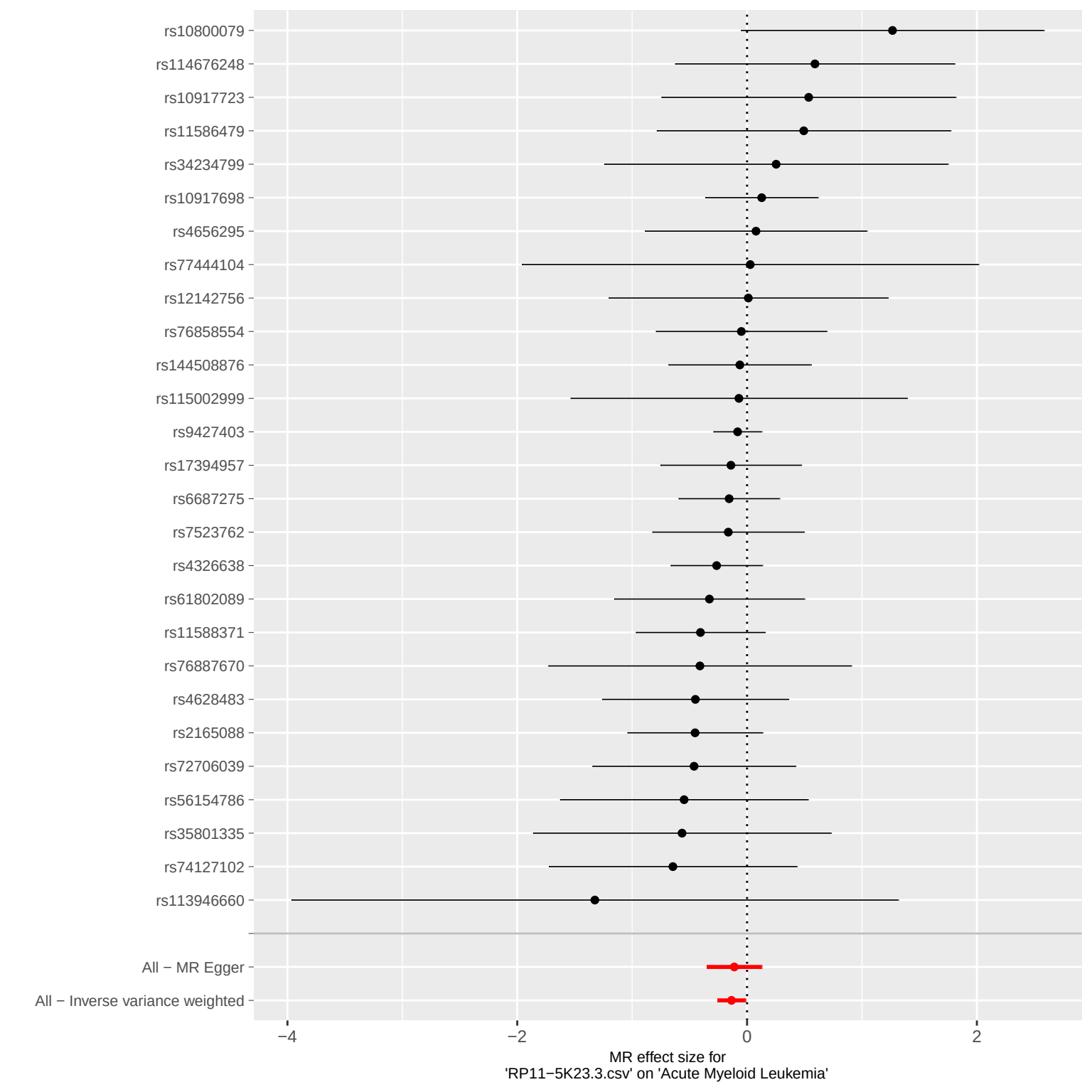
MR effect size for
'RP11−4O1.2.csv' on 'Acute Myeloid Leukemia'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rs4628483
rs2165088
rs72706039
rs56154786
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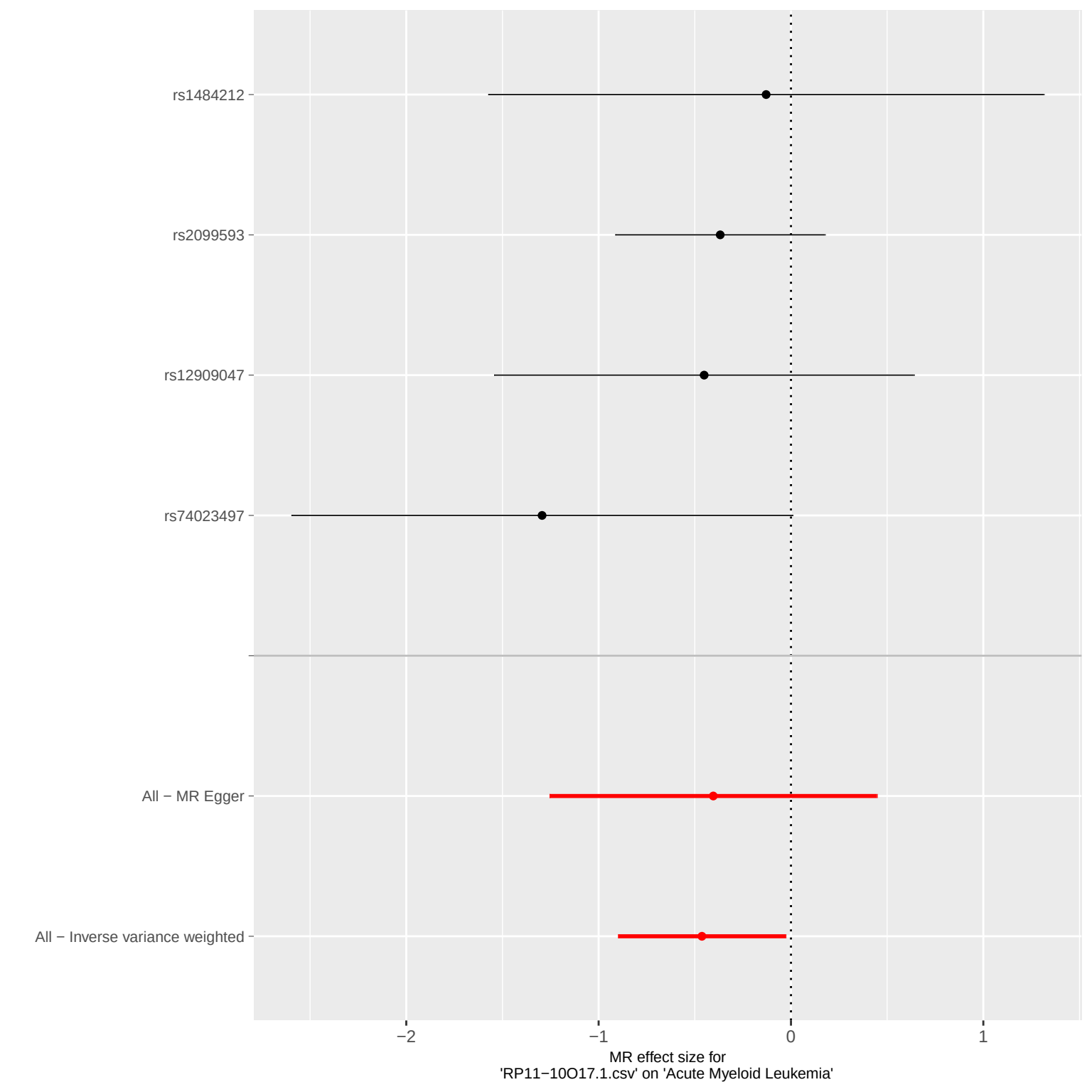
MR effect size for
'RP11−5K23.3.csv' on 'Acute Myeloid Leukemia'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−1
0
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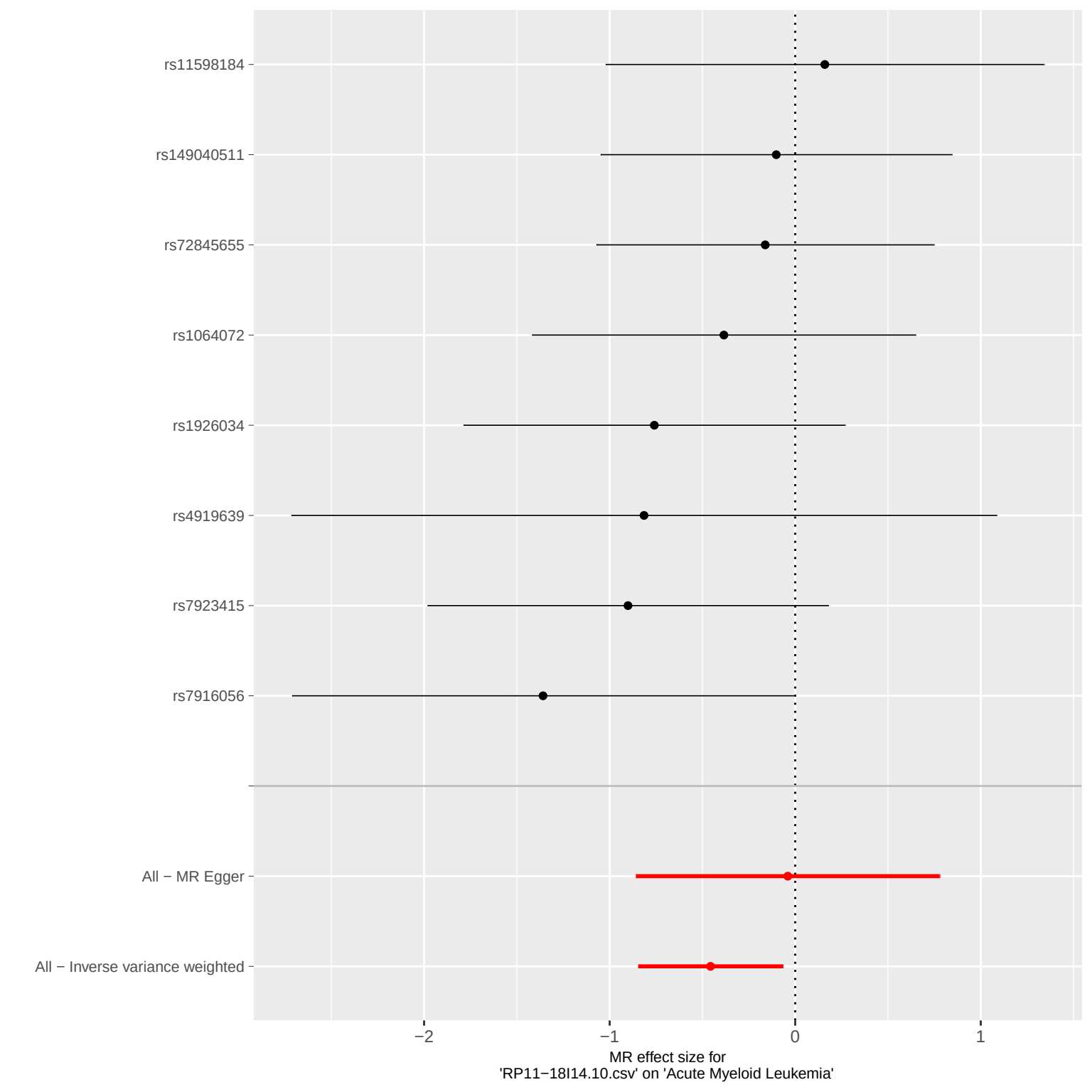
'RP11−10O17.1.csv' on 'Acute Myeloid Leukemia'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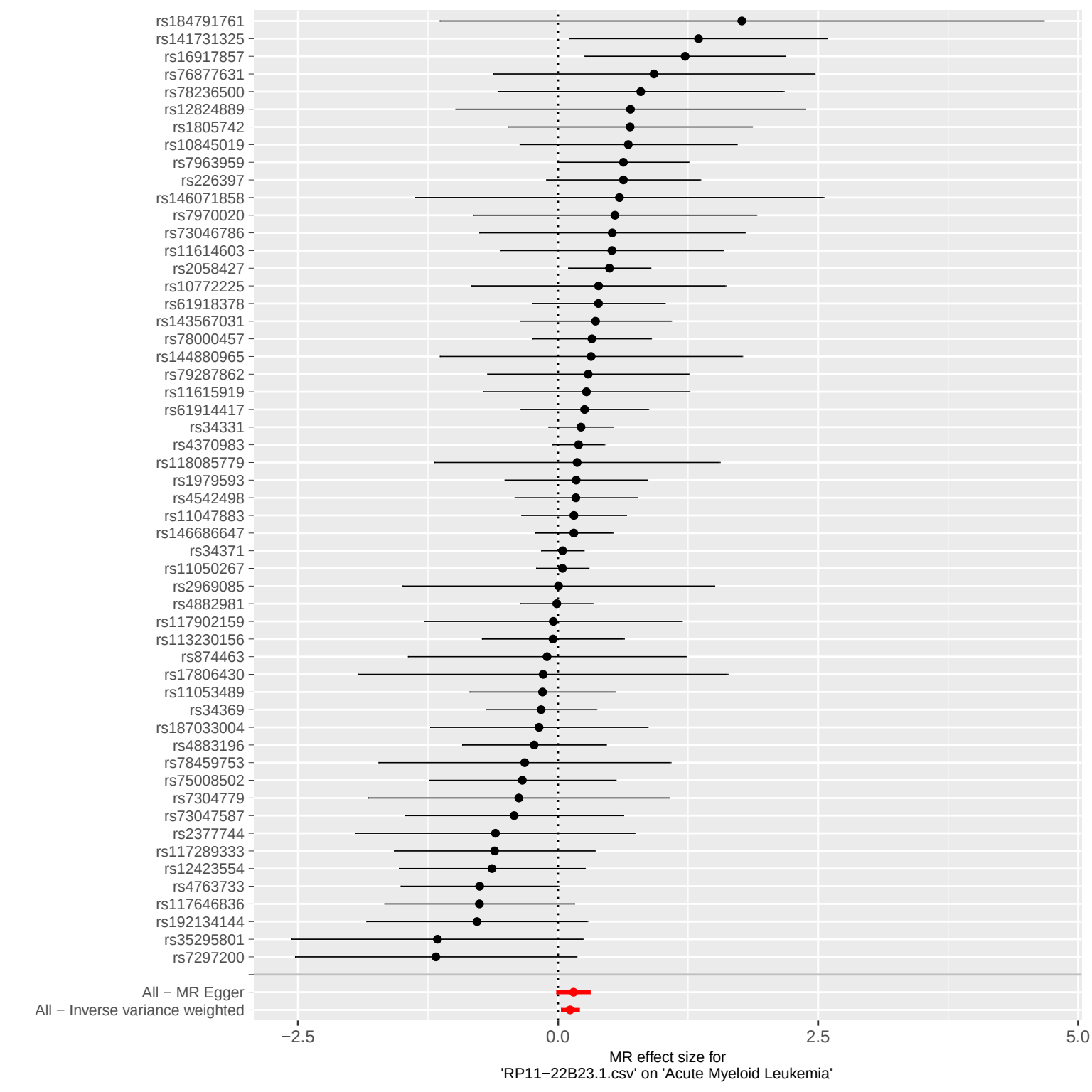
MR effect size for
'RP11−18I14.10.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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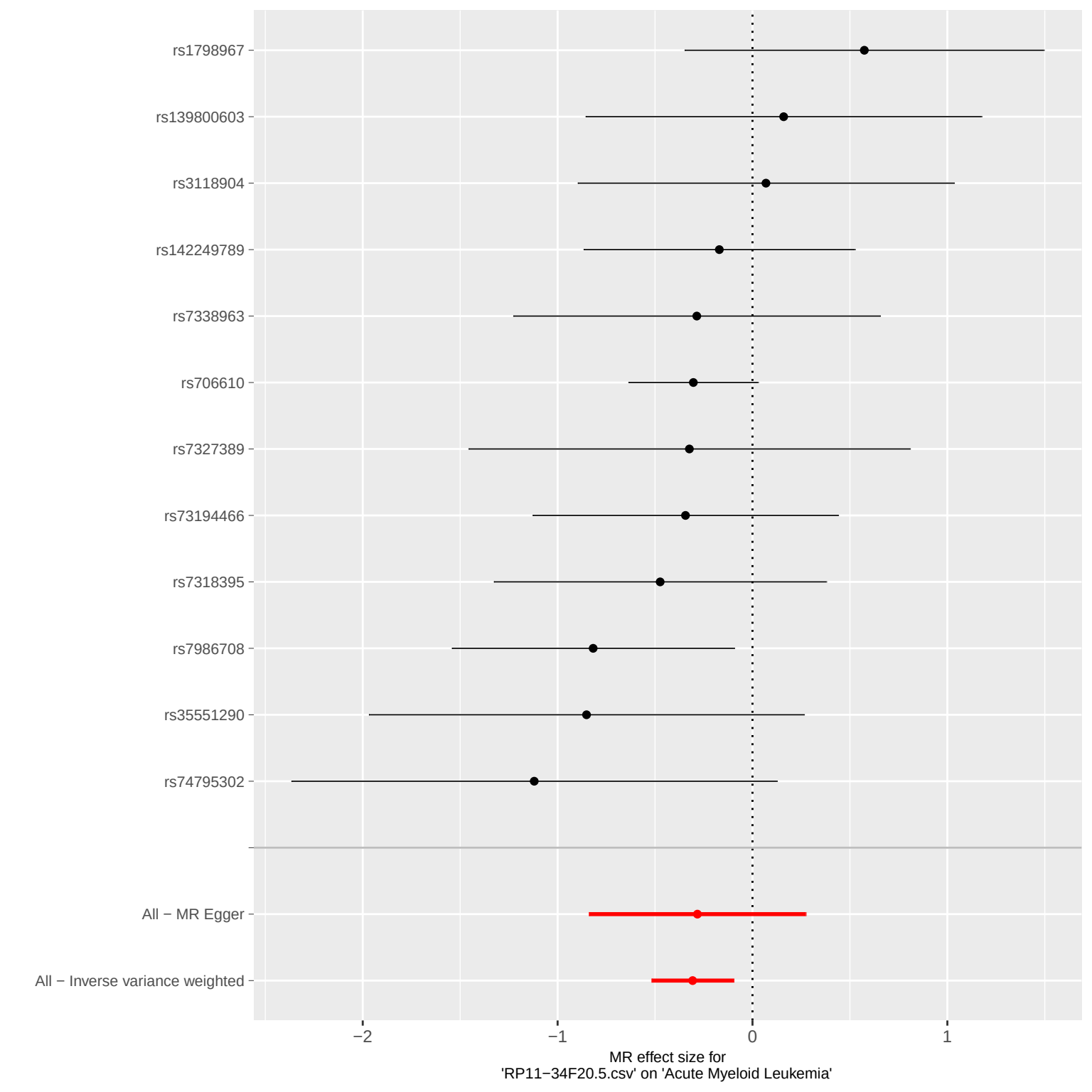
0.0
2.5
5.0
MR effect size for
'RP11−22B23.1.csv' on 'Acute Myeloid Leukemia'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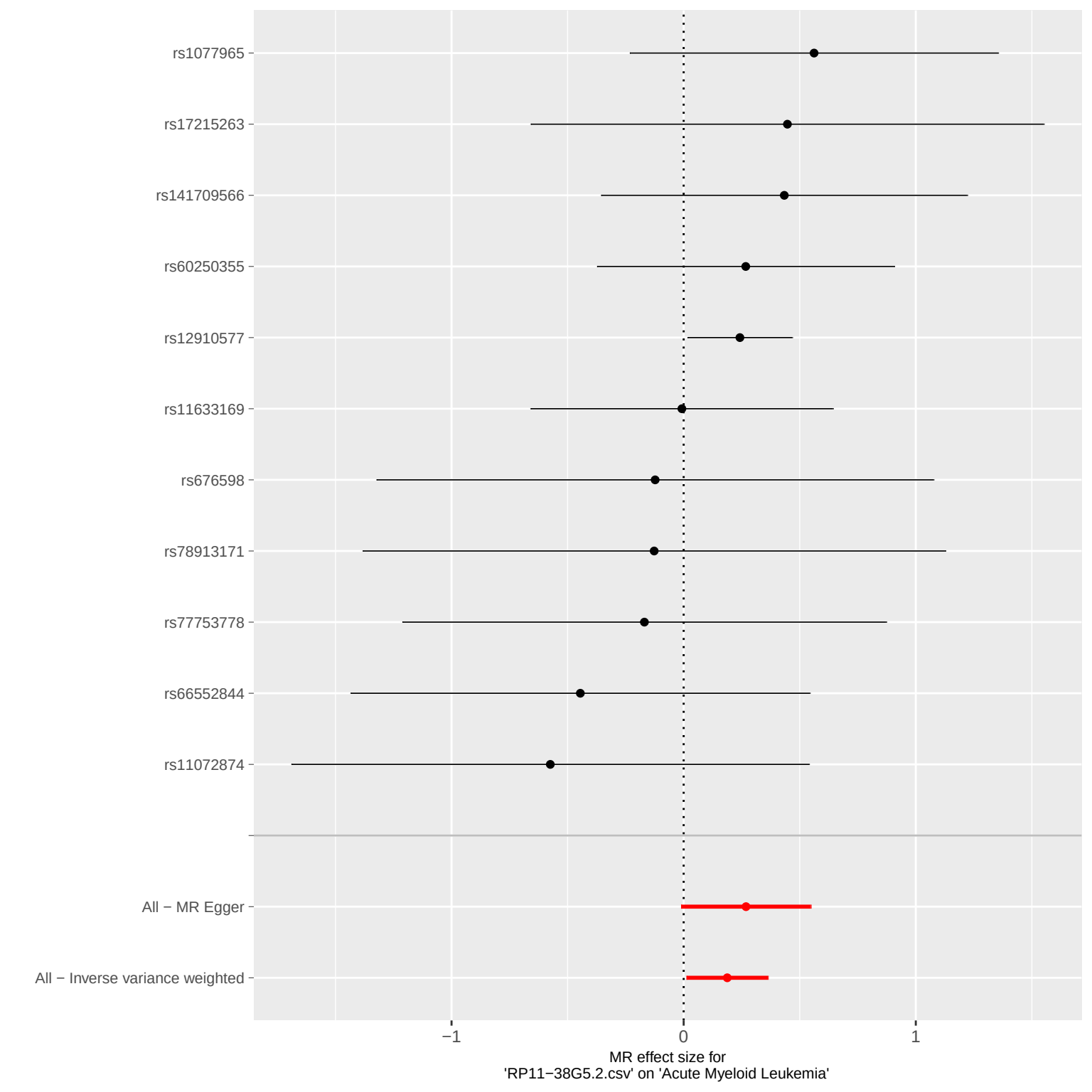
MR effect size for
'RP11−34F20.5.csv' on 'Acute Myeloid Leukemia'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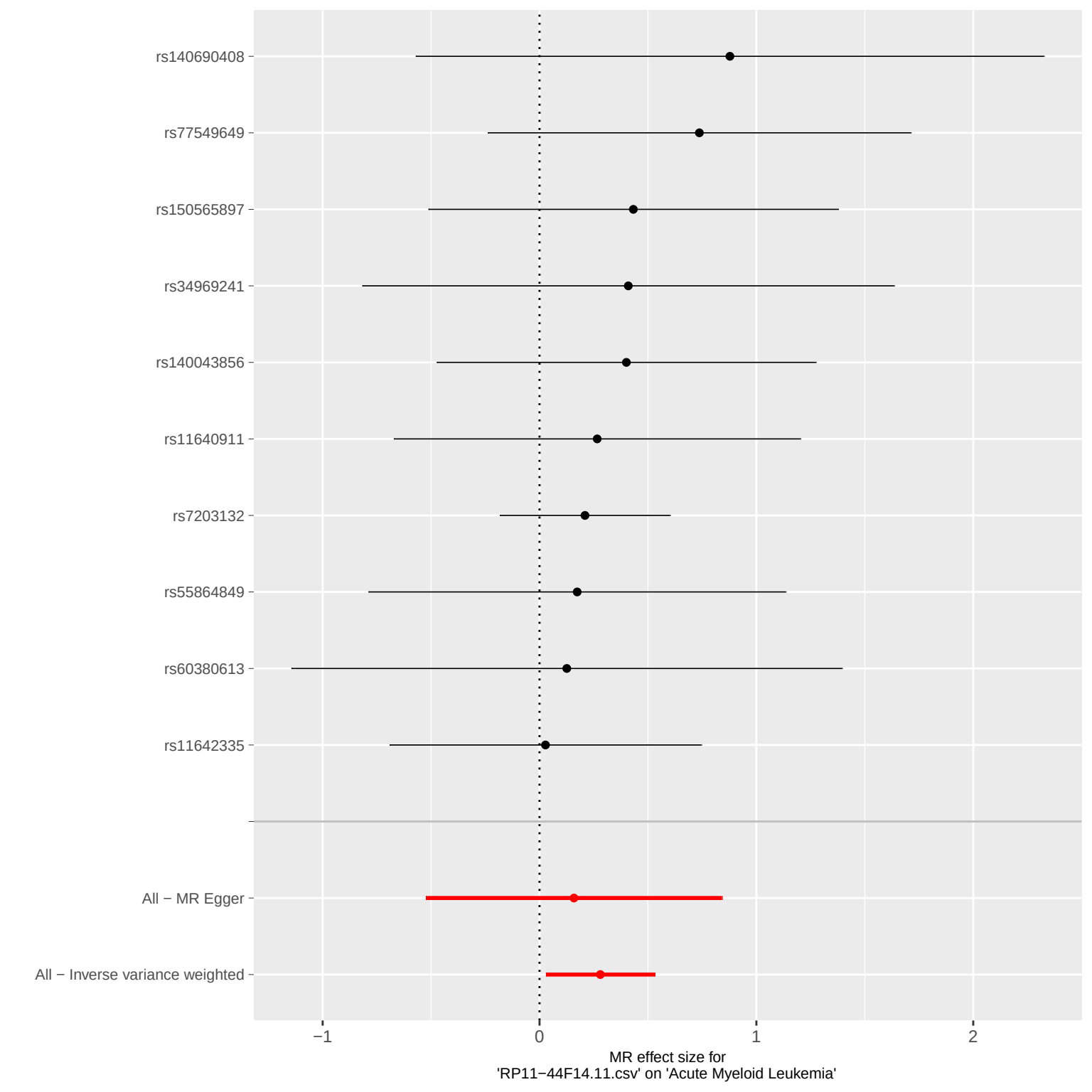
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All − Inverse variance weighted
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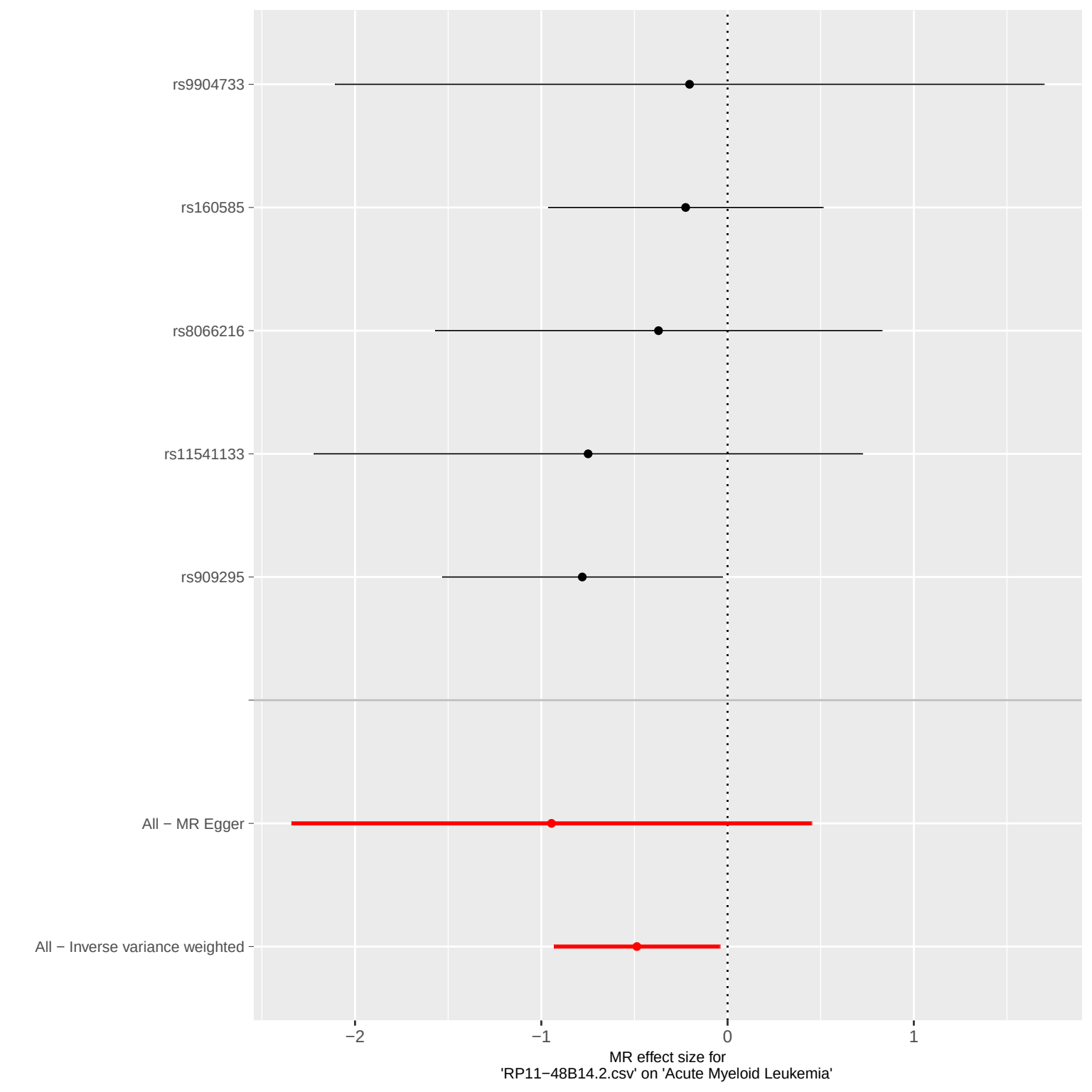
MR effect size for
'RP11−44F14.11.csv' on 'Acute Myeloid Leukemia'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−1
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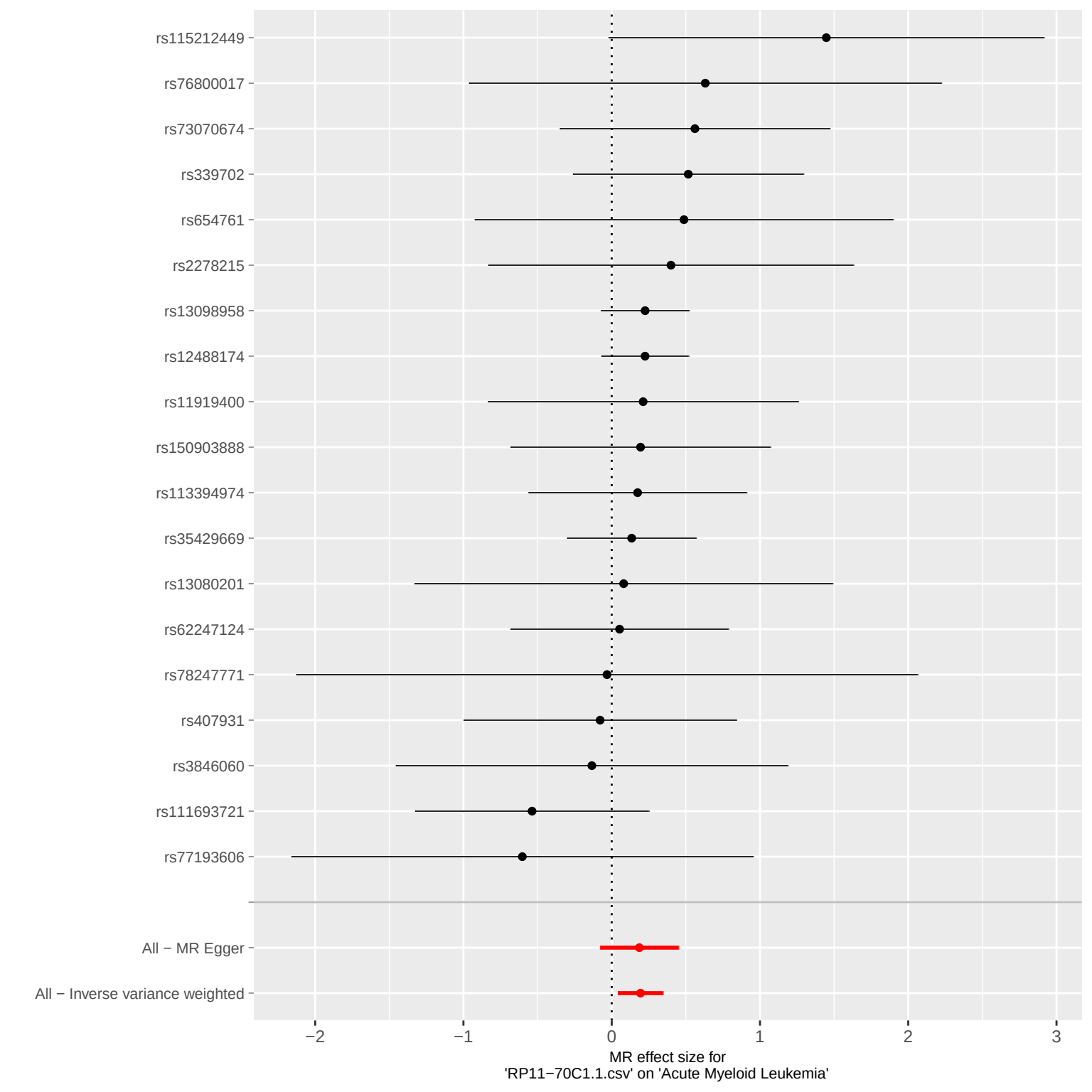
MR effect size for
'RP11−48B14.2.csv' on 'Acute Myeloid Leukemia'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rs35429669
rs13080201
rs62247124
rs78247771
rs407931
rs3846060
rs111693721
rs77193606
All − MR Egger
All − Inverse variance weighted
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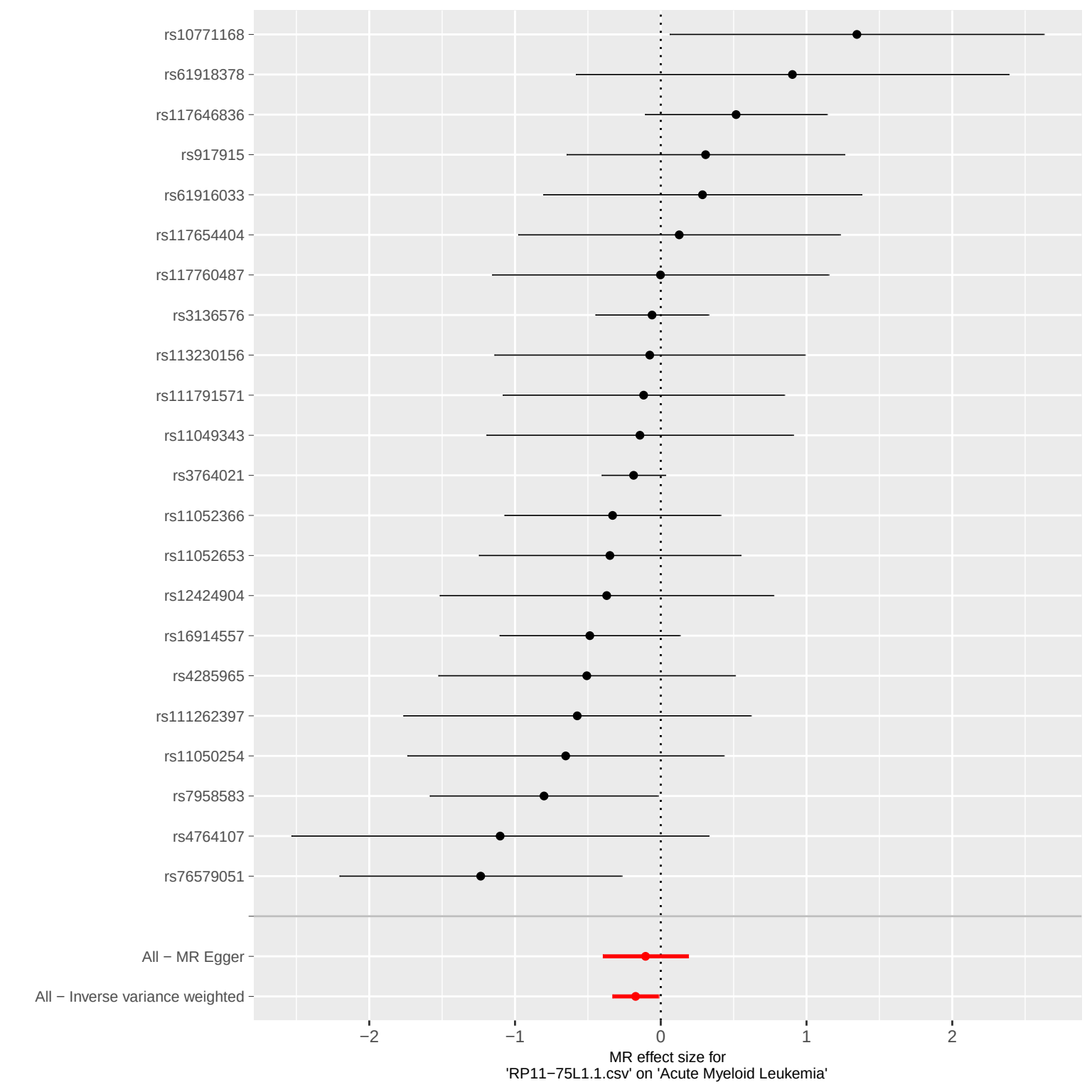
−1
0
1
2
3
MR effect size for
'RP11−70C1.1.csv' on 'Acute Myeloid Leukemia'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rs11050254
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rs4764107
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All − MR Egger
All − Inverse variance weighted
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−1
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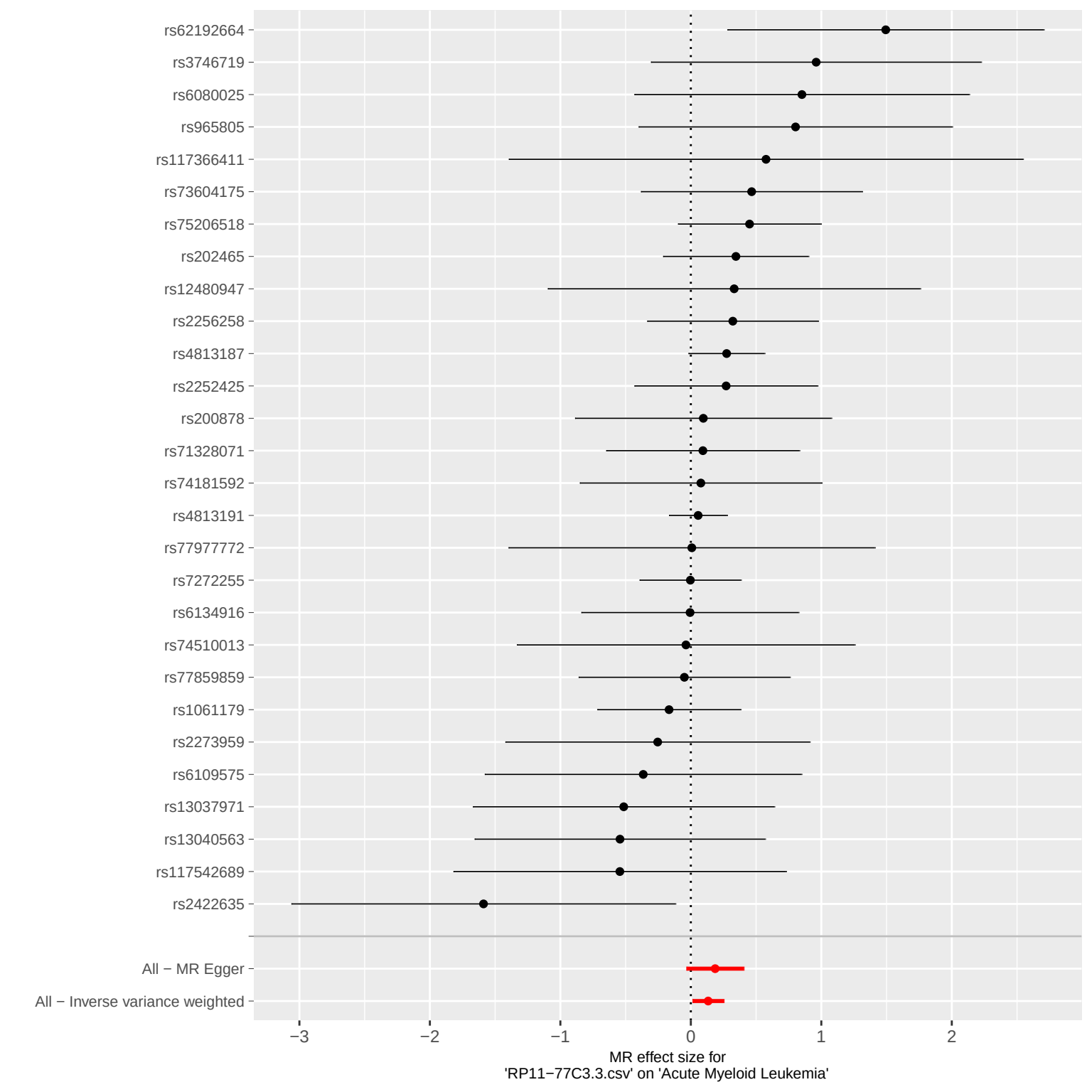
2
MR effect size for
'RP11−75L1.1.csv' on 'Acute Myeloid Leukemia'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rs6134916
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rs13037971
rs13040563
rs117542689
rs2422635
All − MR Egger
All − Inverse variance weighted
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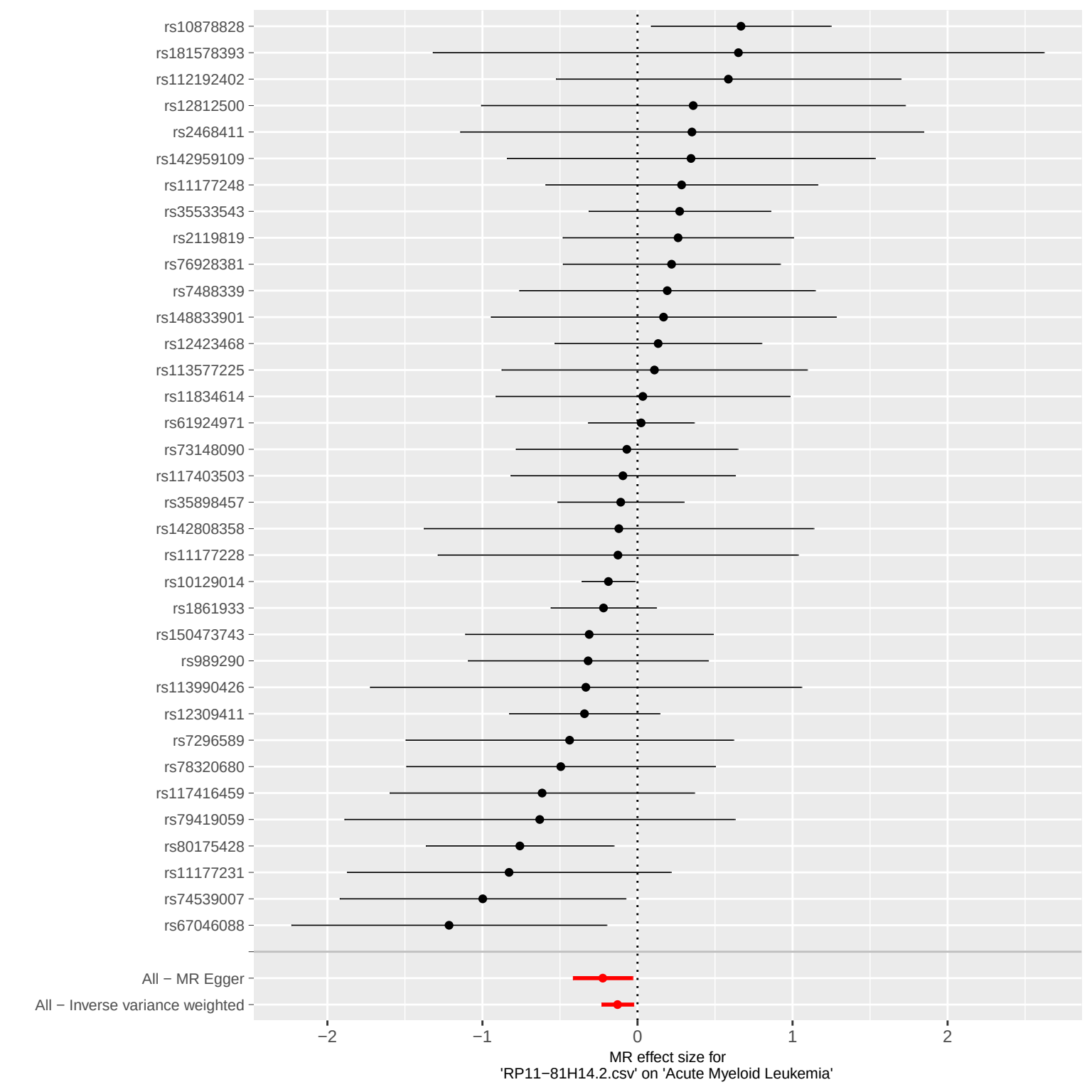
−2
−1
0
1
2
MR effect size for
'RP11−77C3.3.csv' on 'Acute Myeloid Leukemia'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rs113990426
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rs7296589
rs78320680
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rs79419059
rs80175428
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rs74539007
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−2
−1
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1
2
MR effect size for
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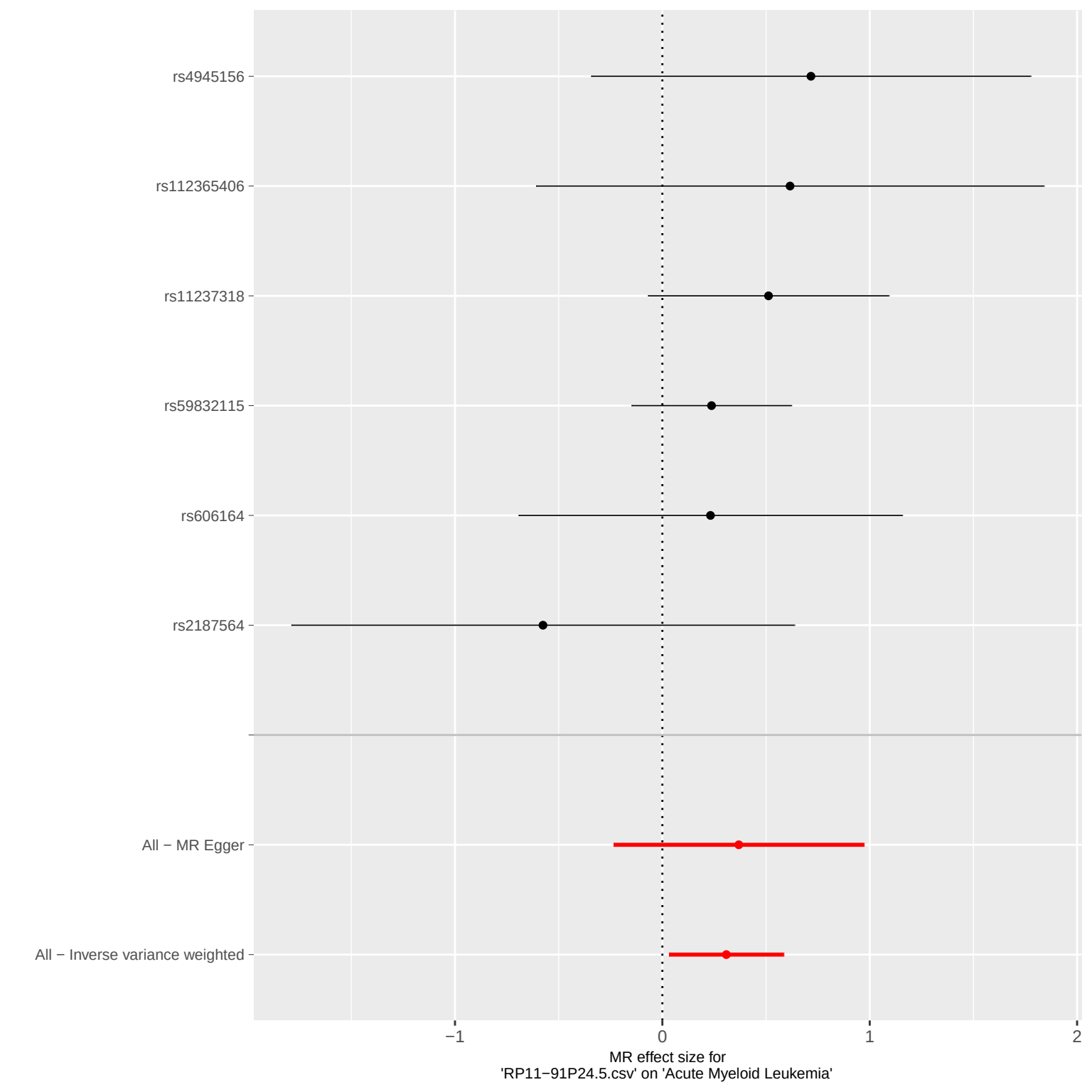
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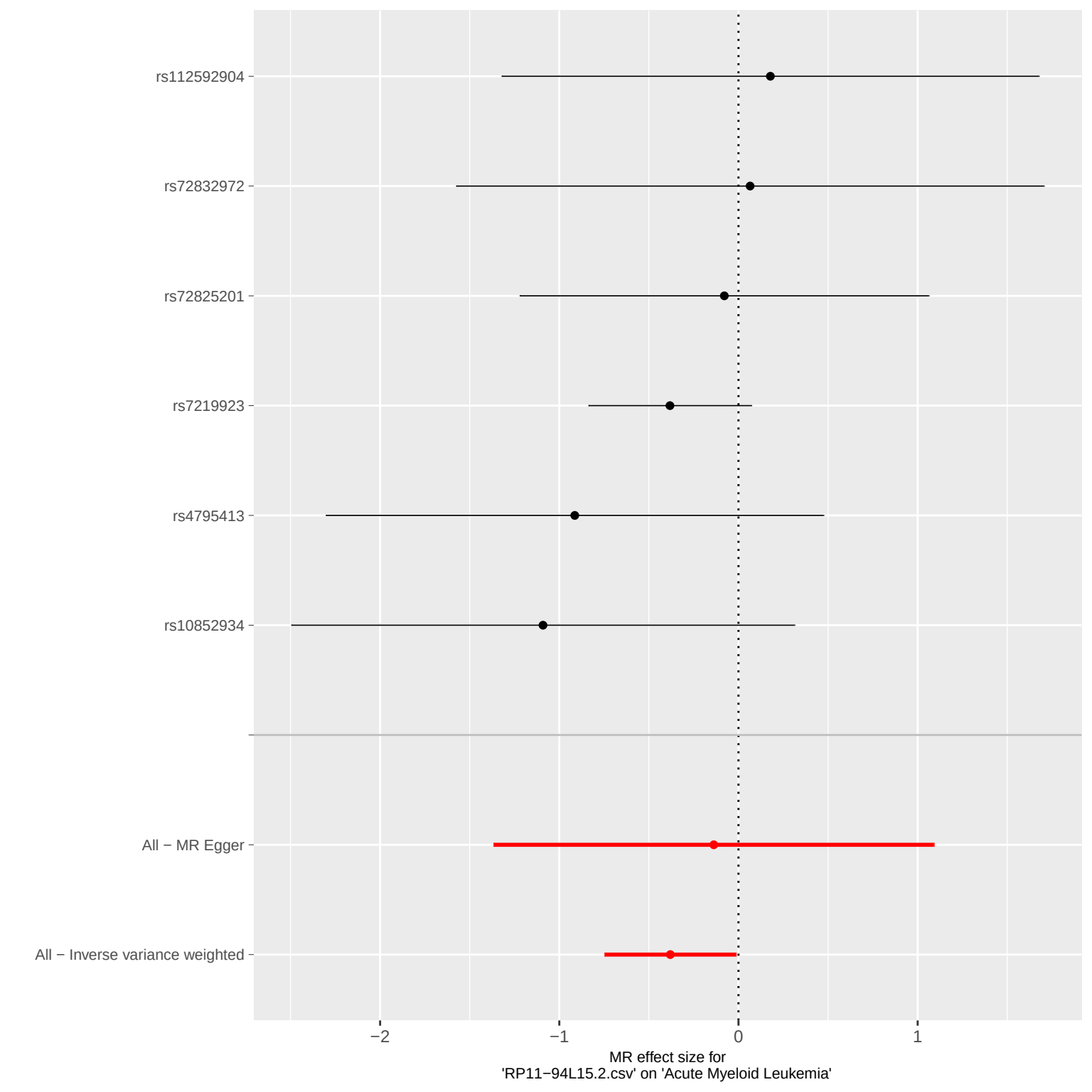
2
MR effect size for
'RP11−91P24.5.csv' on 'Acute Myeloid Leukemia'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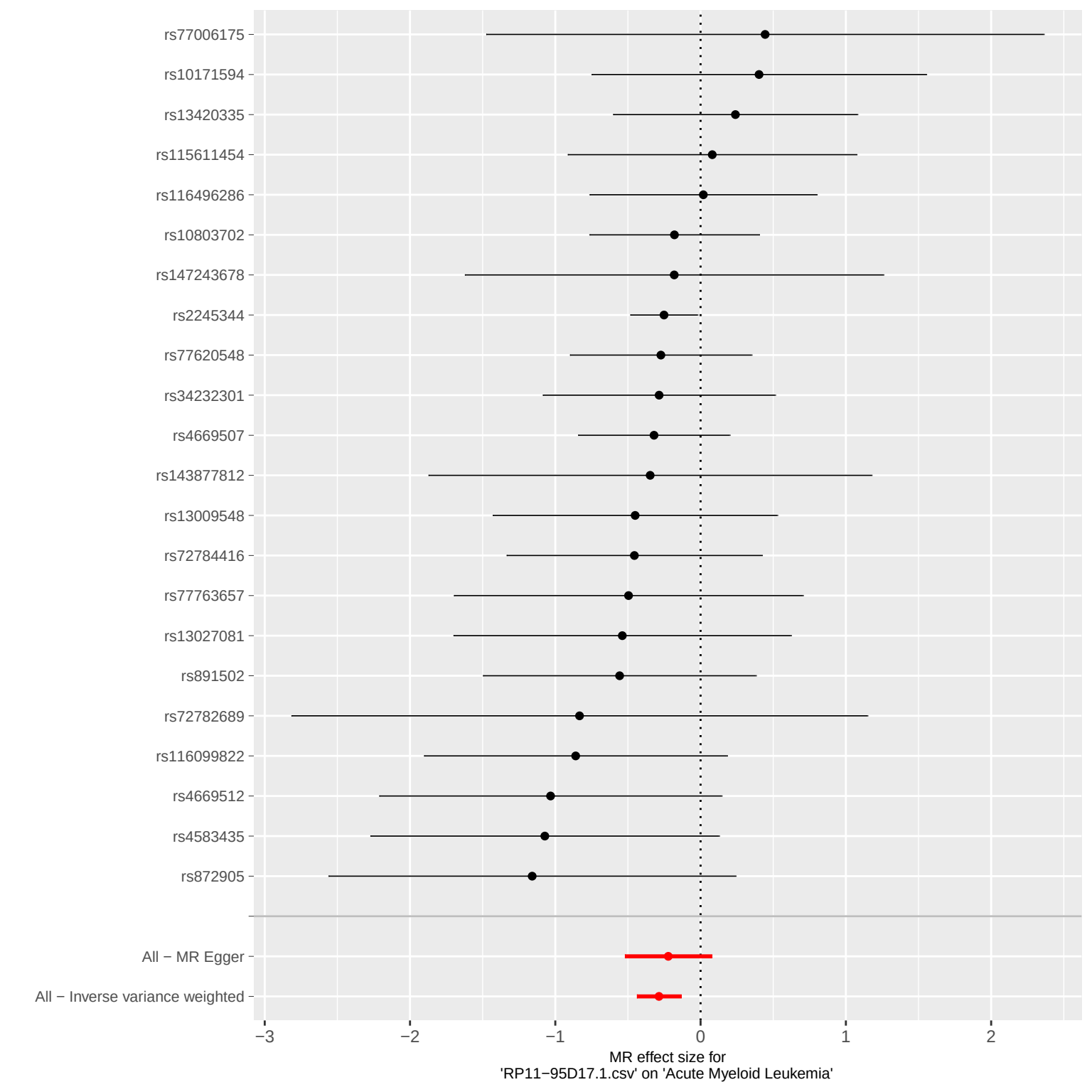
MR effect size for
'RP11−94L15.2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
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MR effect size for
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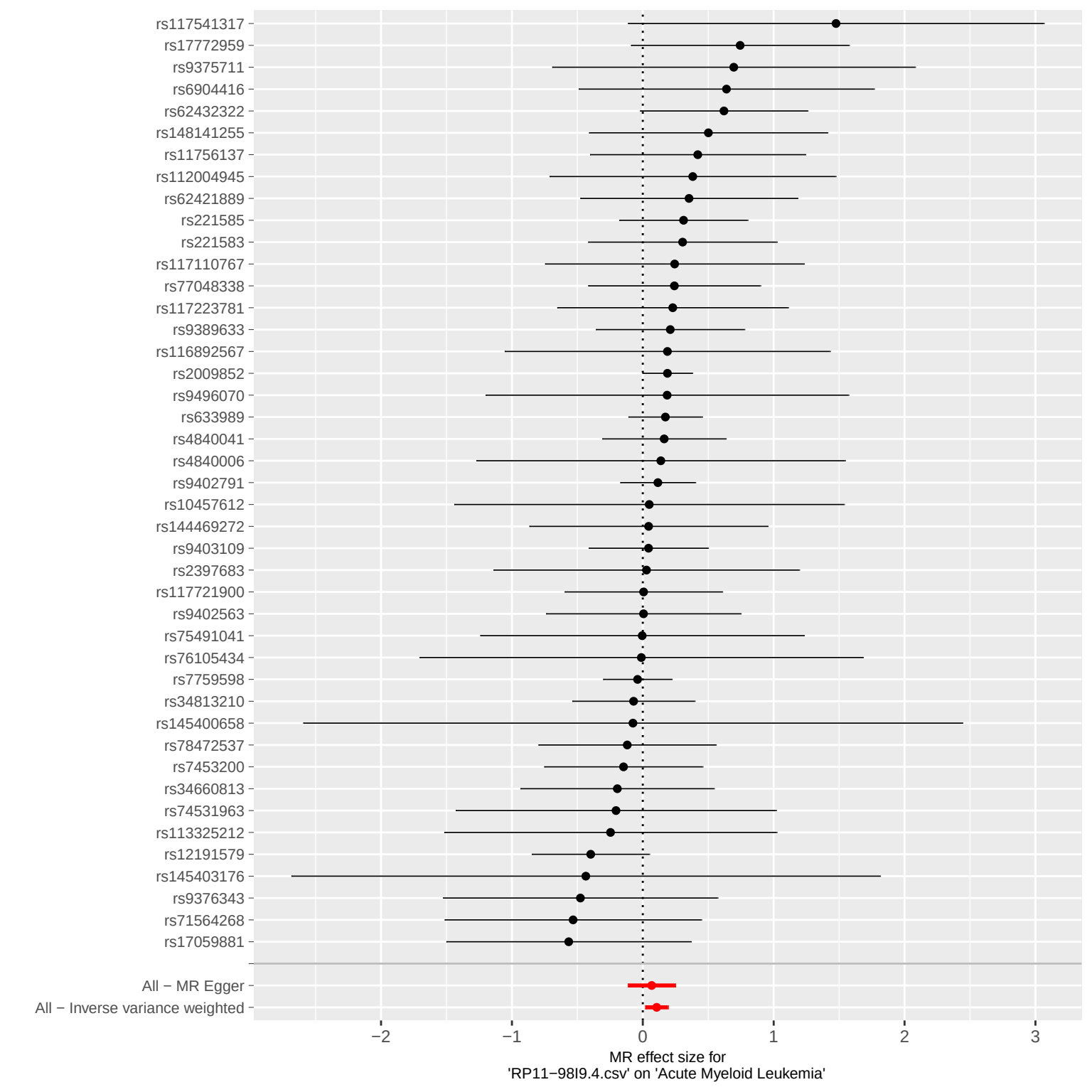
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MR effect size for
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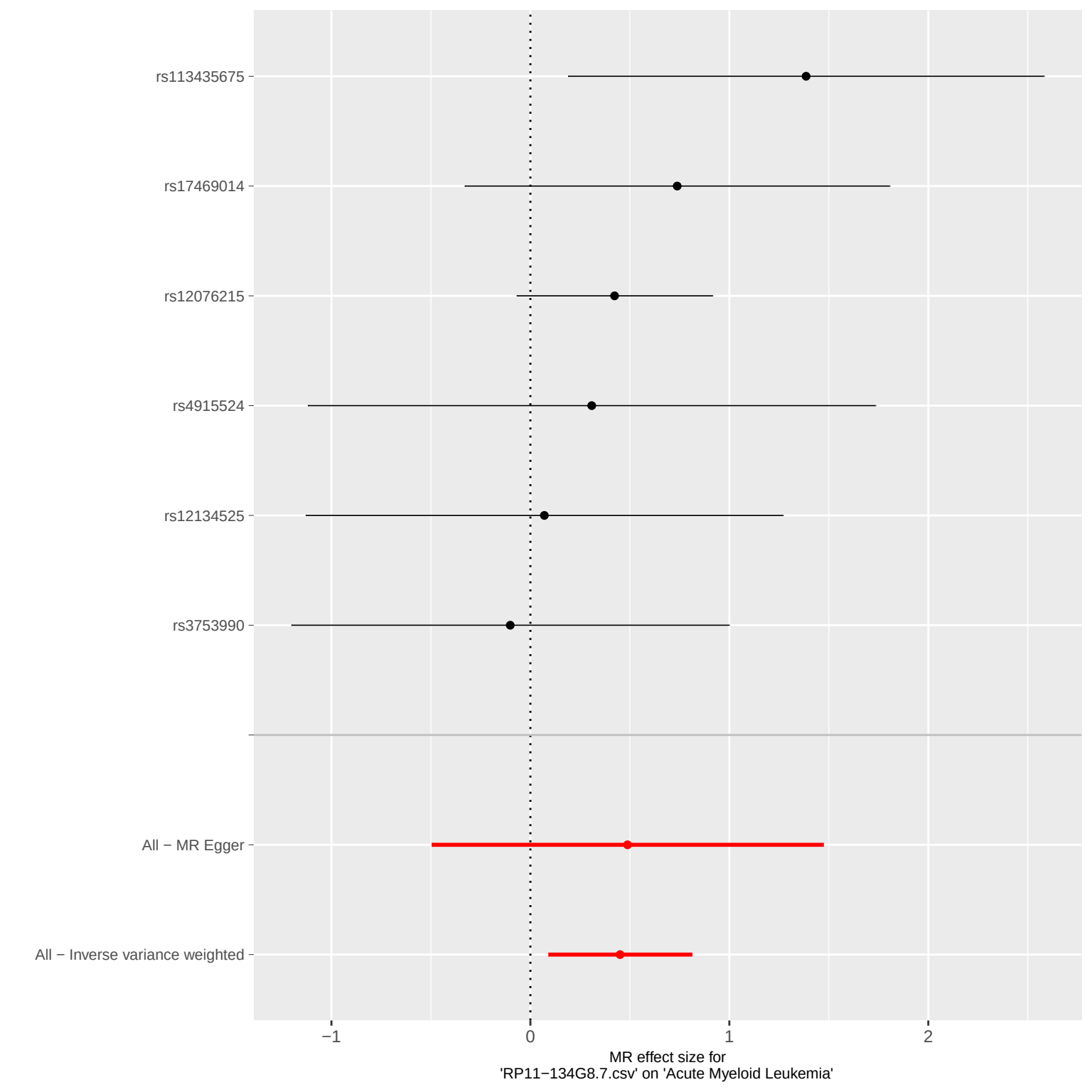
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rs12134525
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All − MR Egger
All − Inverse variance weighted
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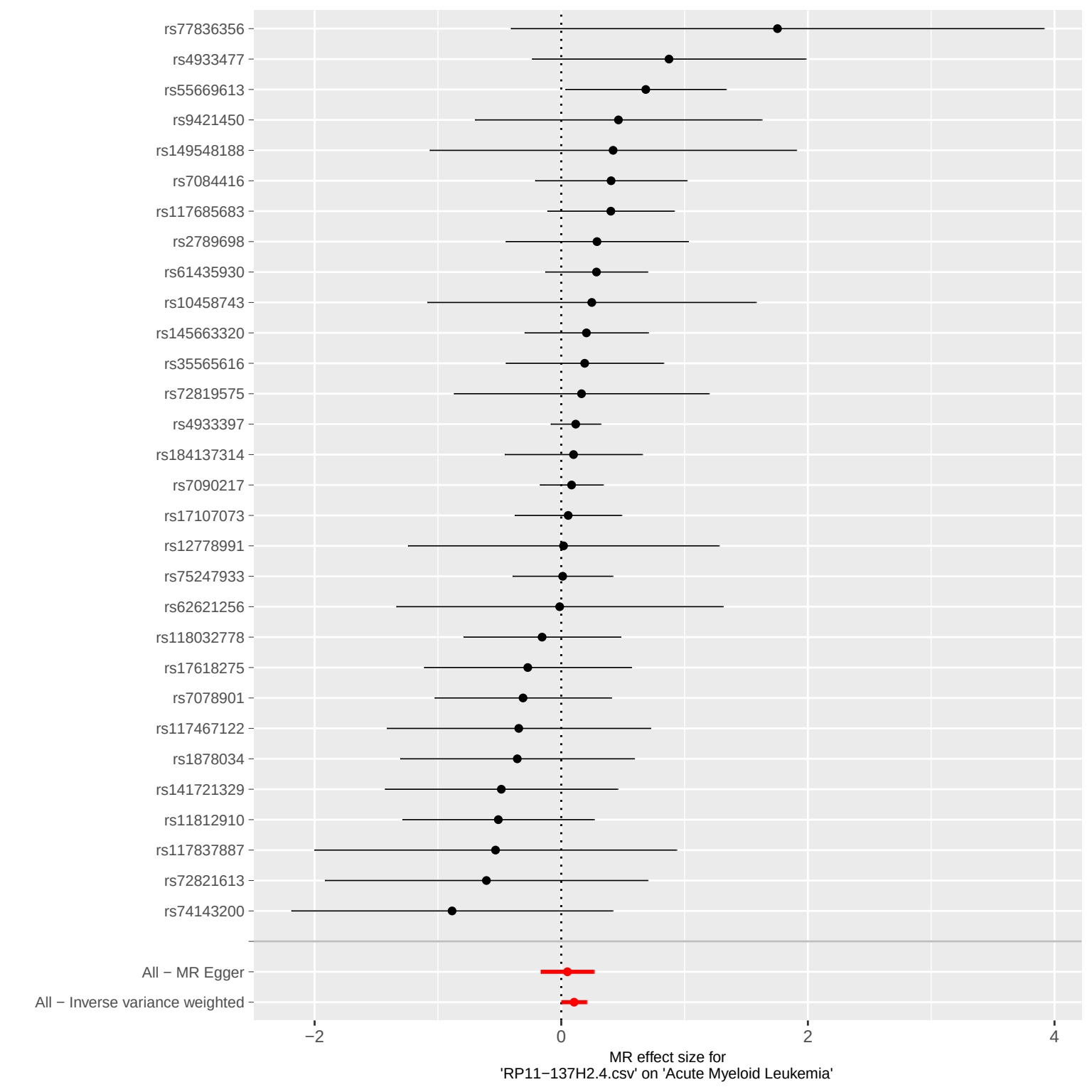
MR effect size for
'RP11−134G8.7.csv' on 'Acute Myeloid Leukemia'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rs118032778
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rs11812910
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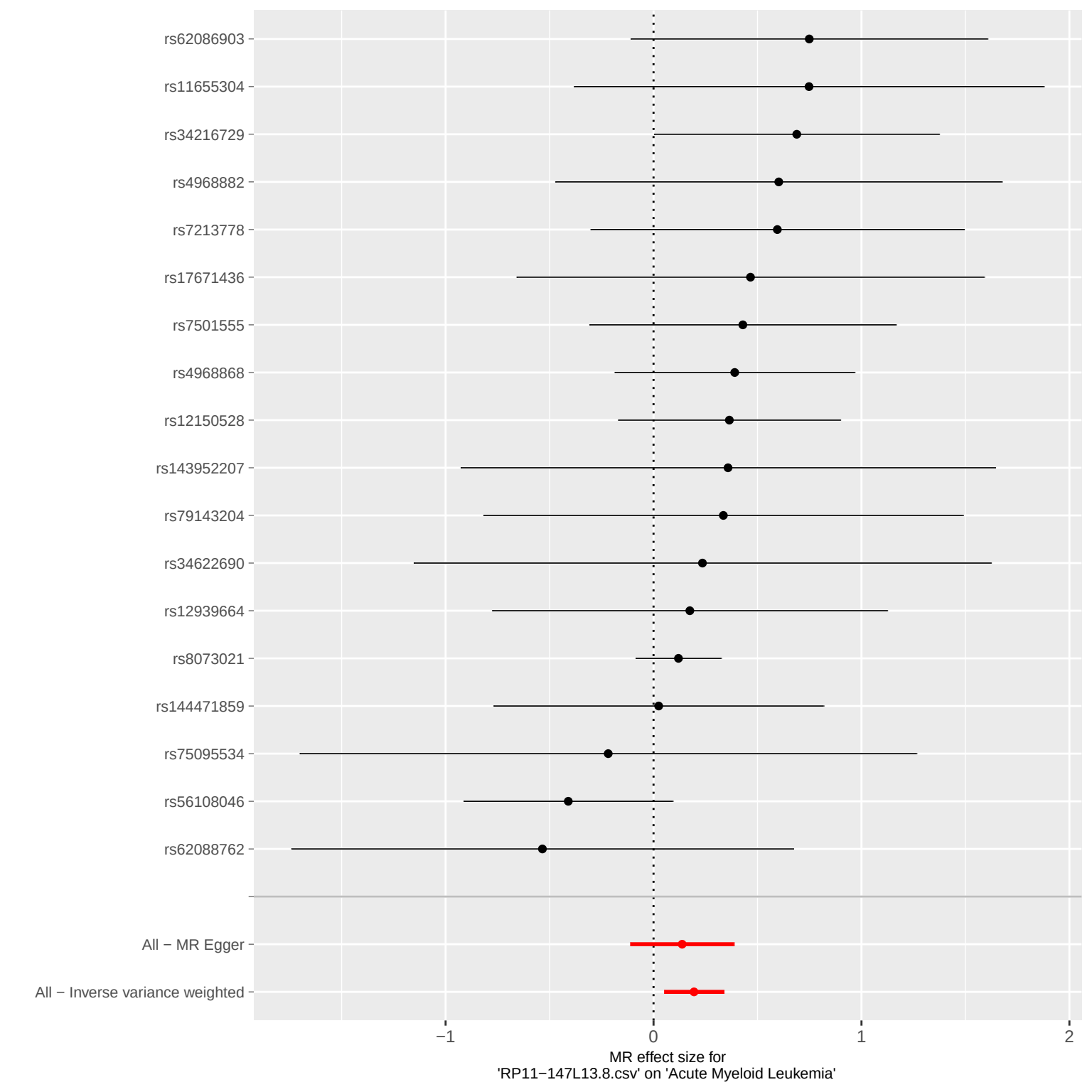
'RP11−137H2.4.csv' on 'Acute Myeloid Leukemia'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rs75095534
rs56108046
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All − MR Egger
All − Inverse variance weighted
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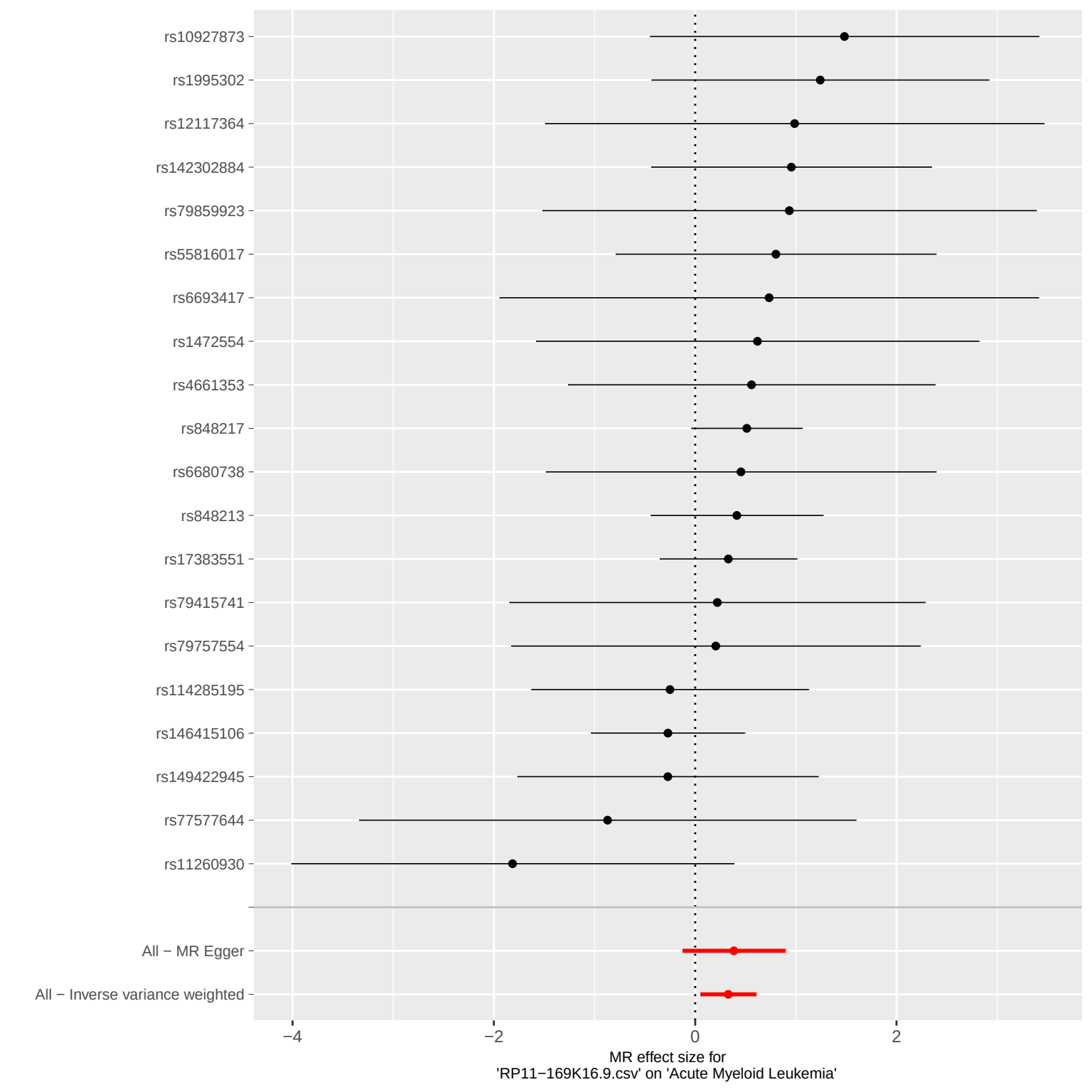
MR effect size for
'RP11−147L13.8.csv' on 'Acute Myeloid Leukemia'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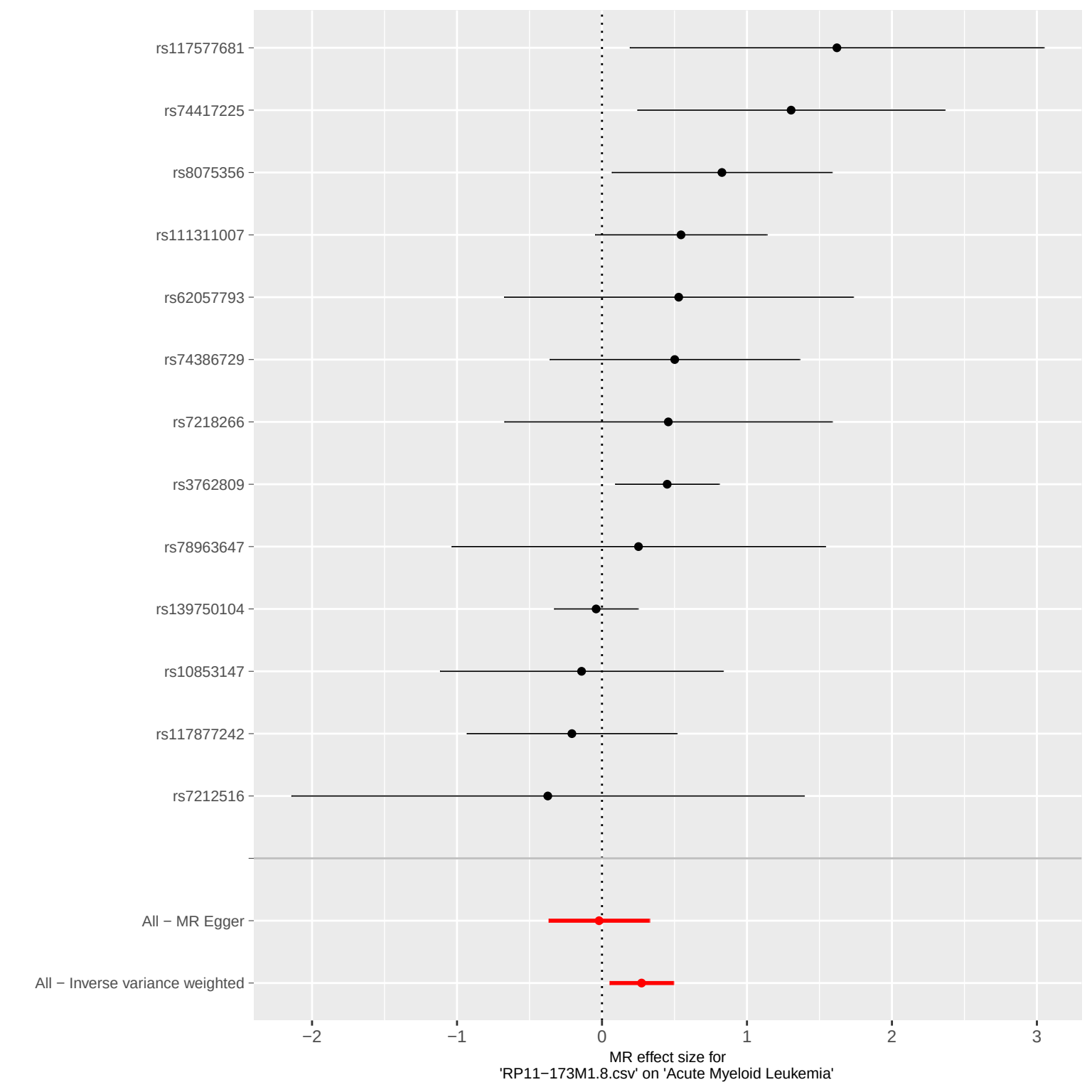
MR effect size for
'RP11−169K16.9.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
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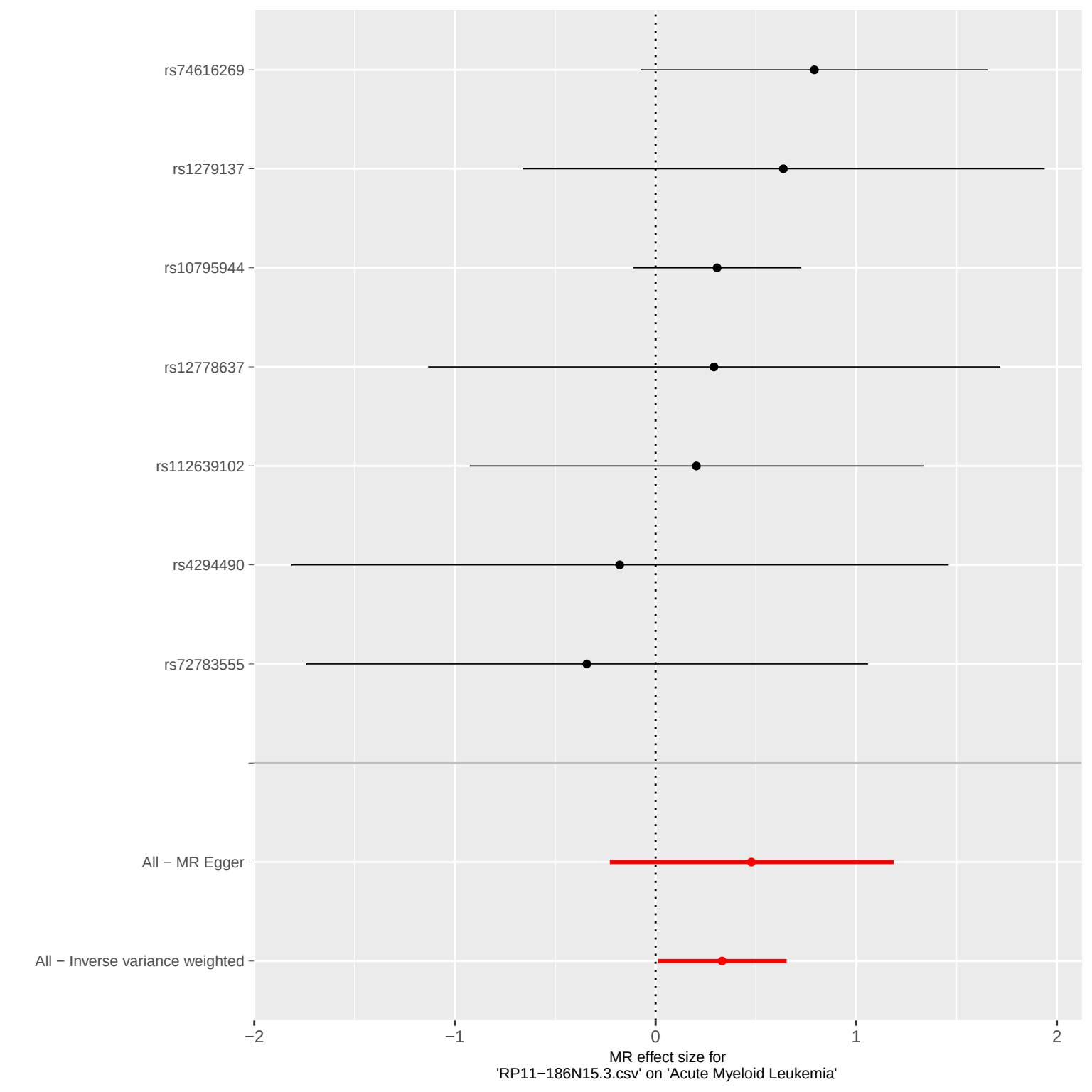
MR effect size for
'RP11−173M1.8.csv' on 'Acute Myeloid Leukemia'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MR effect size for
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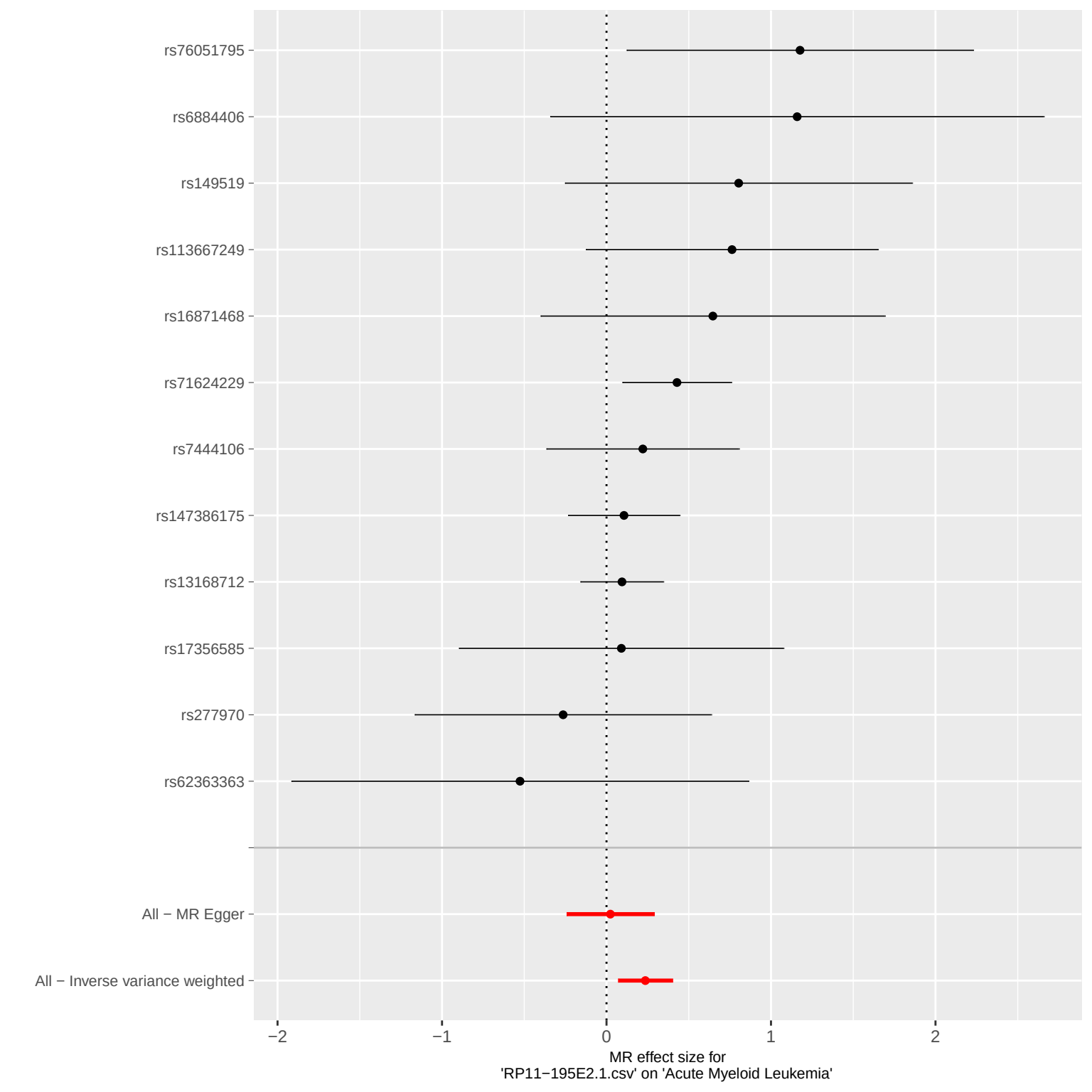
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All − Inverse variance weighted
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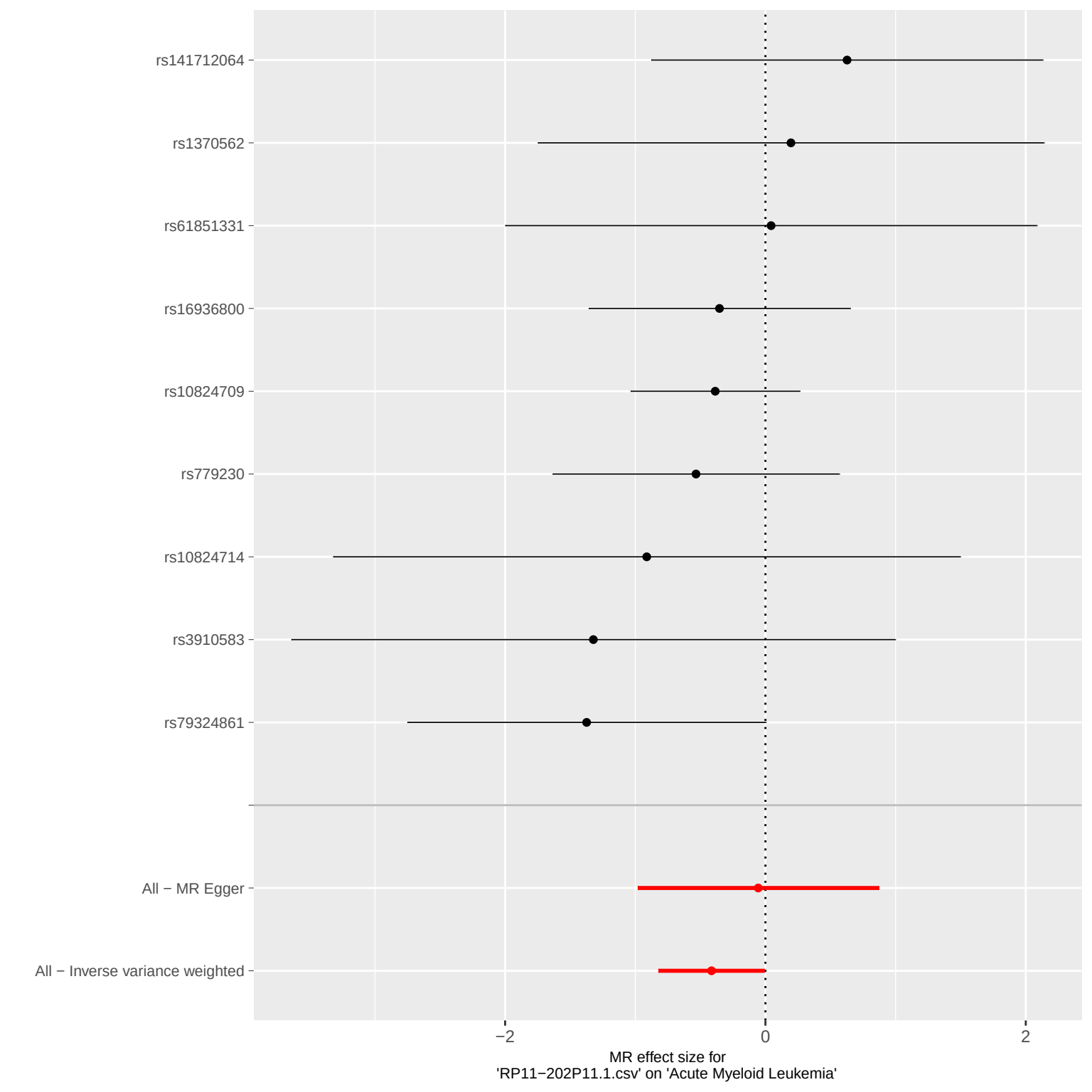
MR effect size for
'RP11−195E2.1.csv' on 'Acute Myeloid Leukemia'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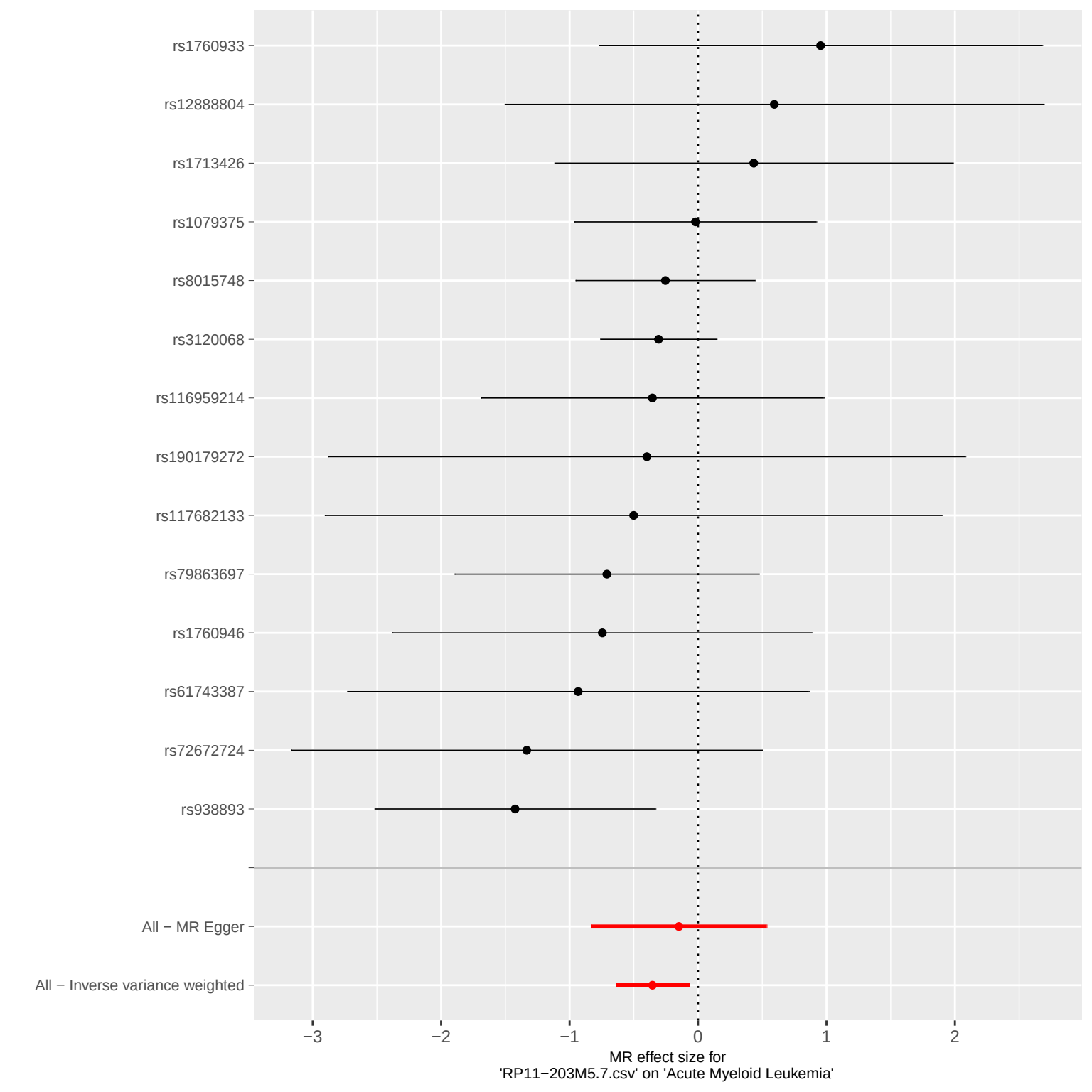
MR effect size for
'RP11−202P11.1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
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MR effect size for
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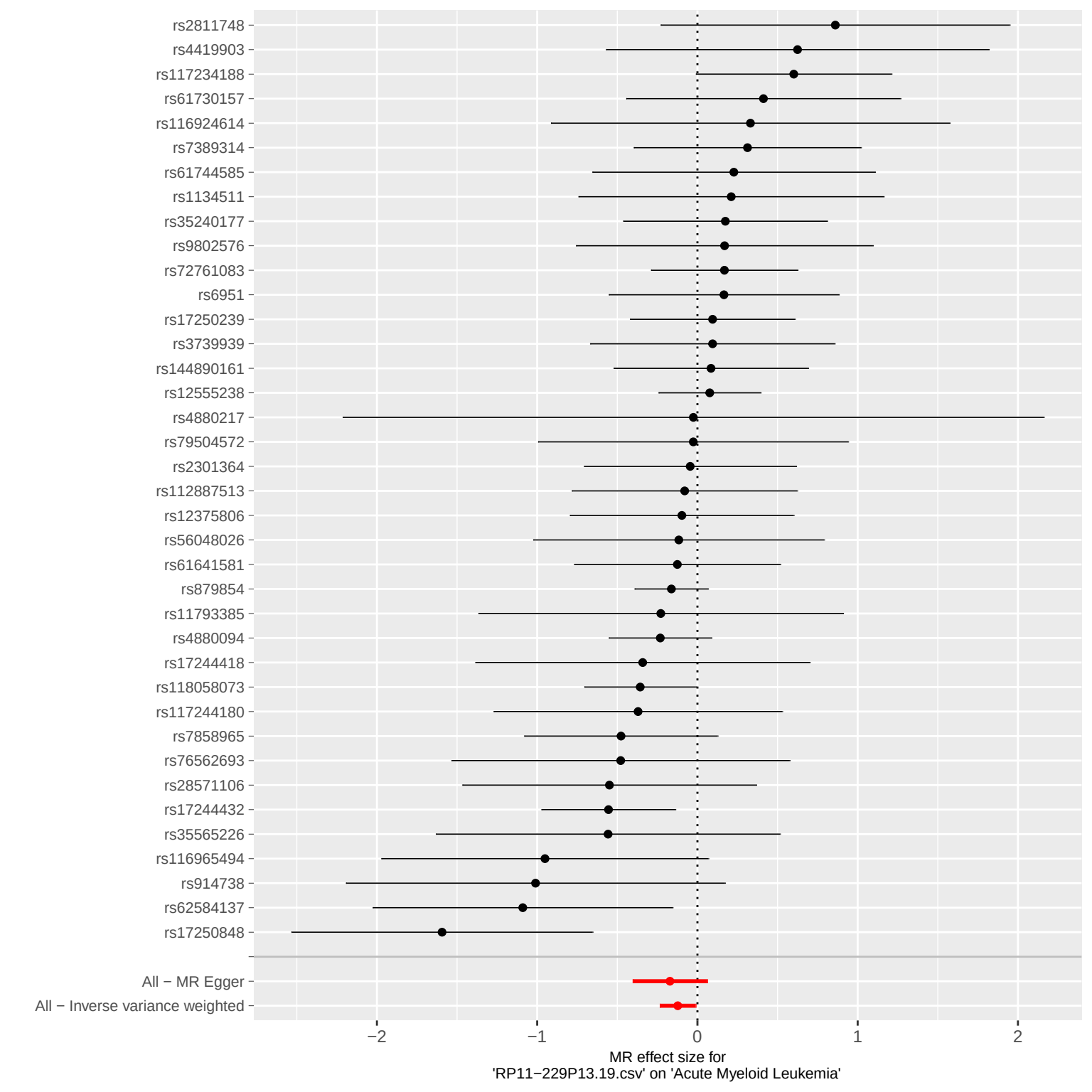
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All − Inverse variance weighted
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MR effect size for
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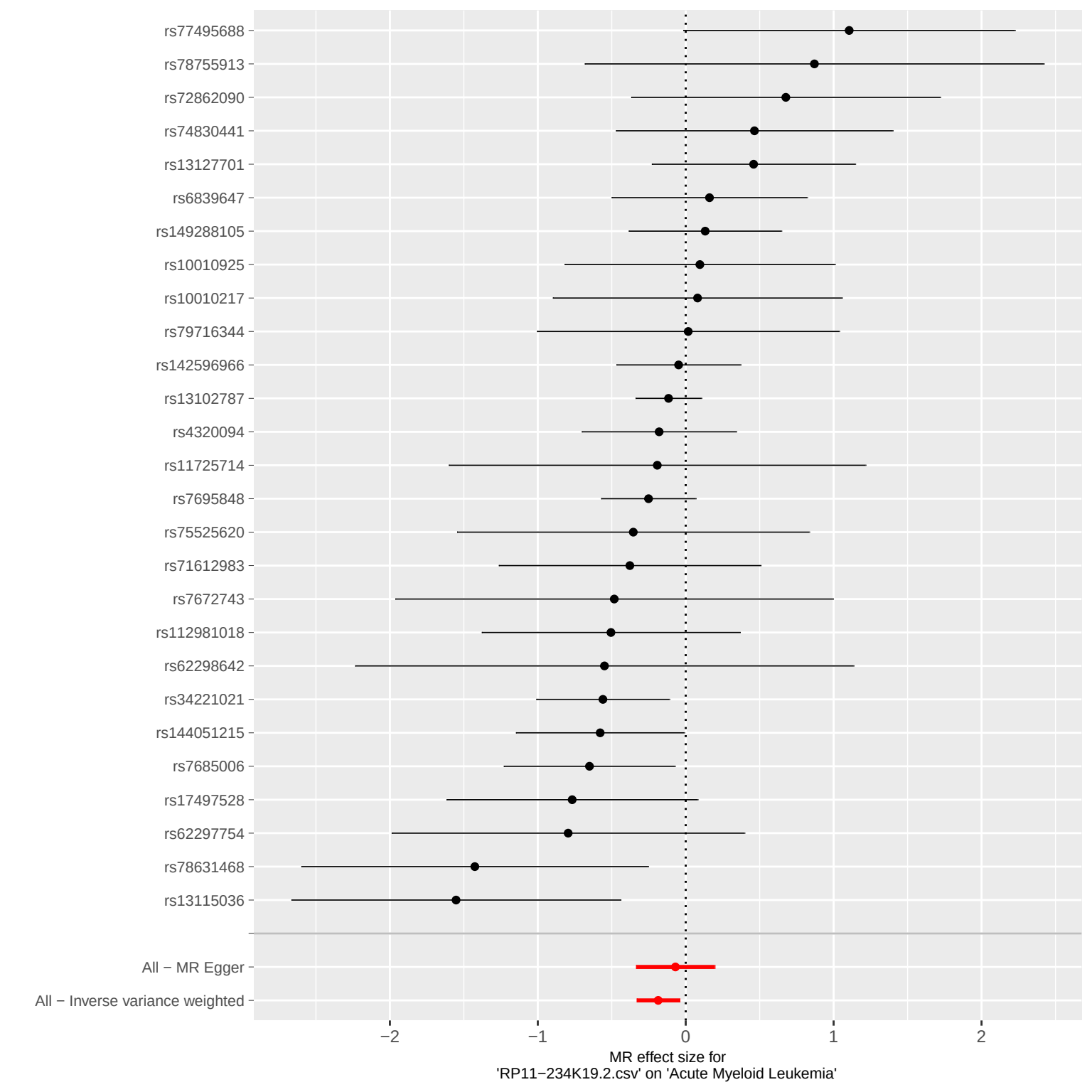
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MR effect size for
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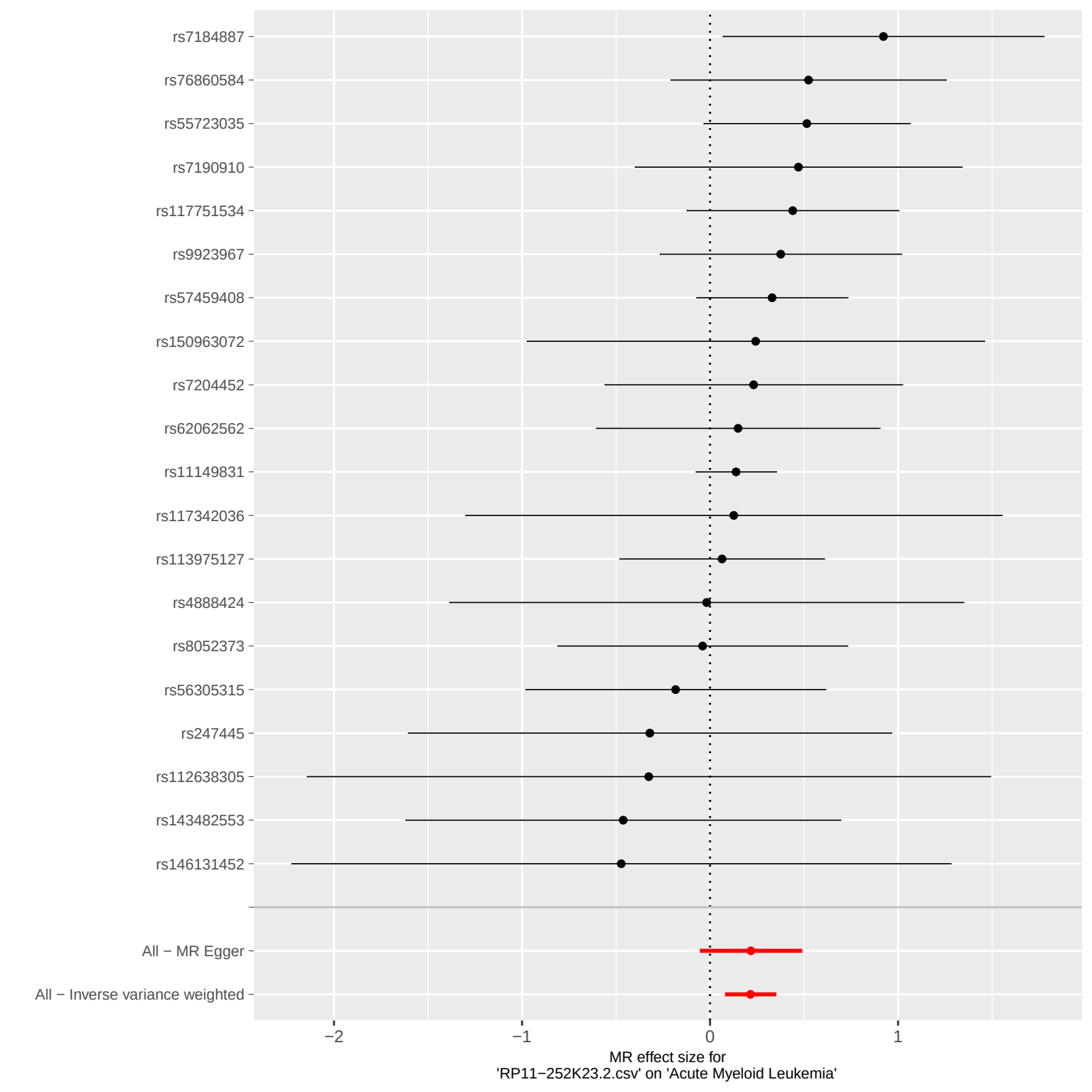
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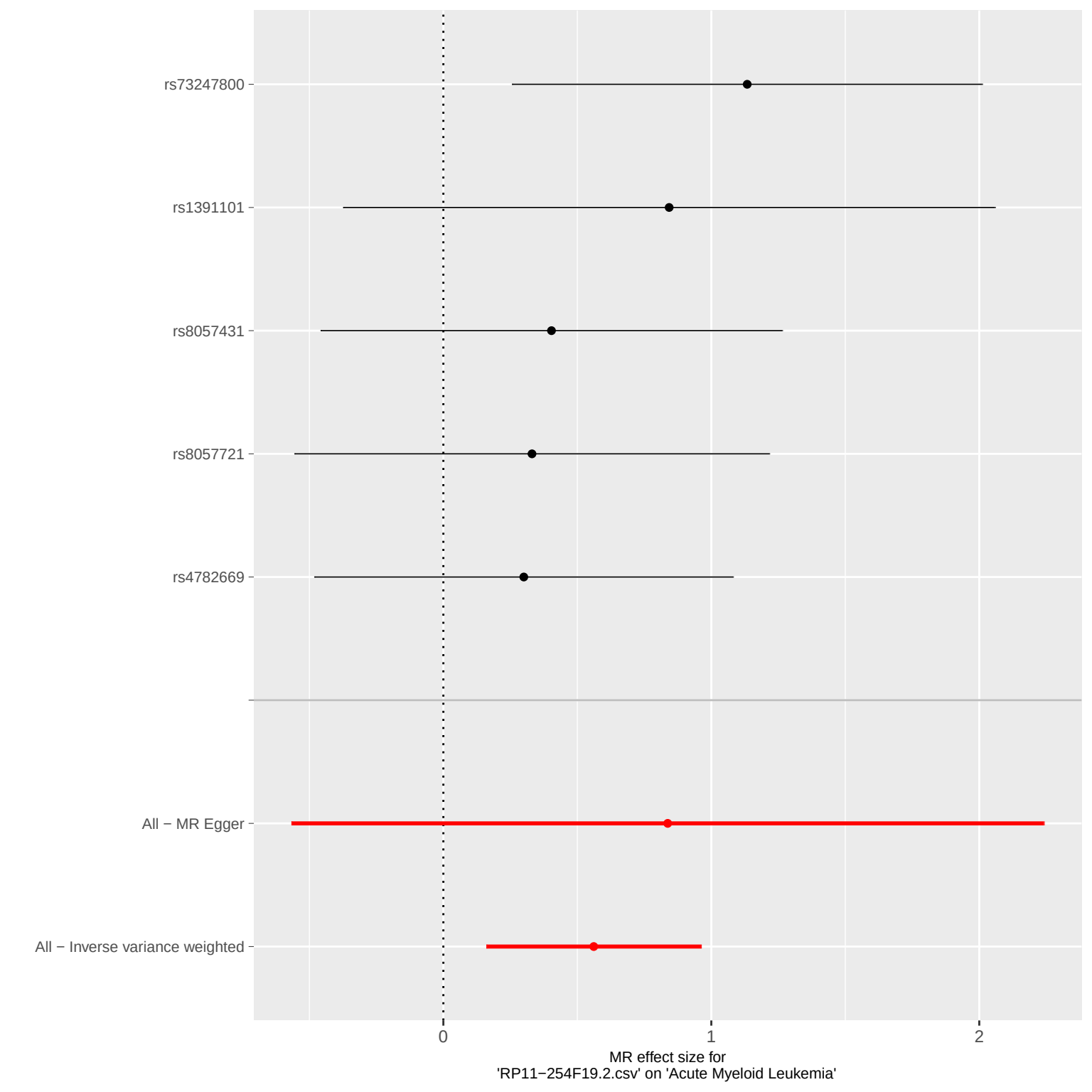
MR effect size for
'RP11−252K23.2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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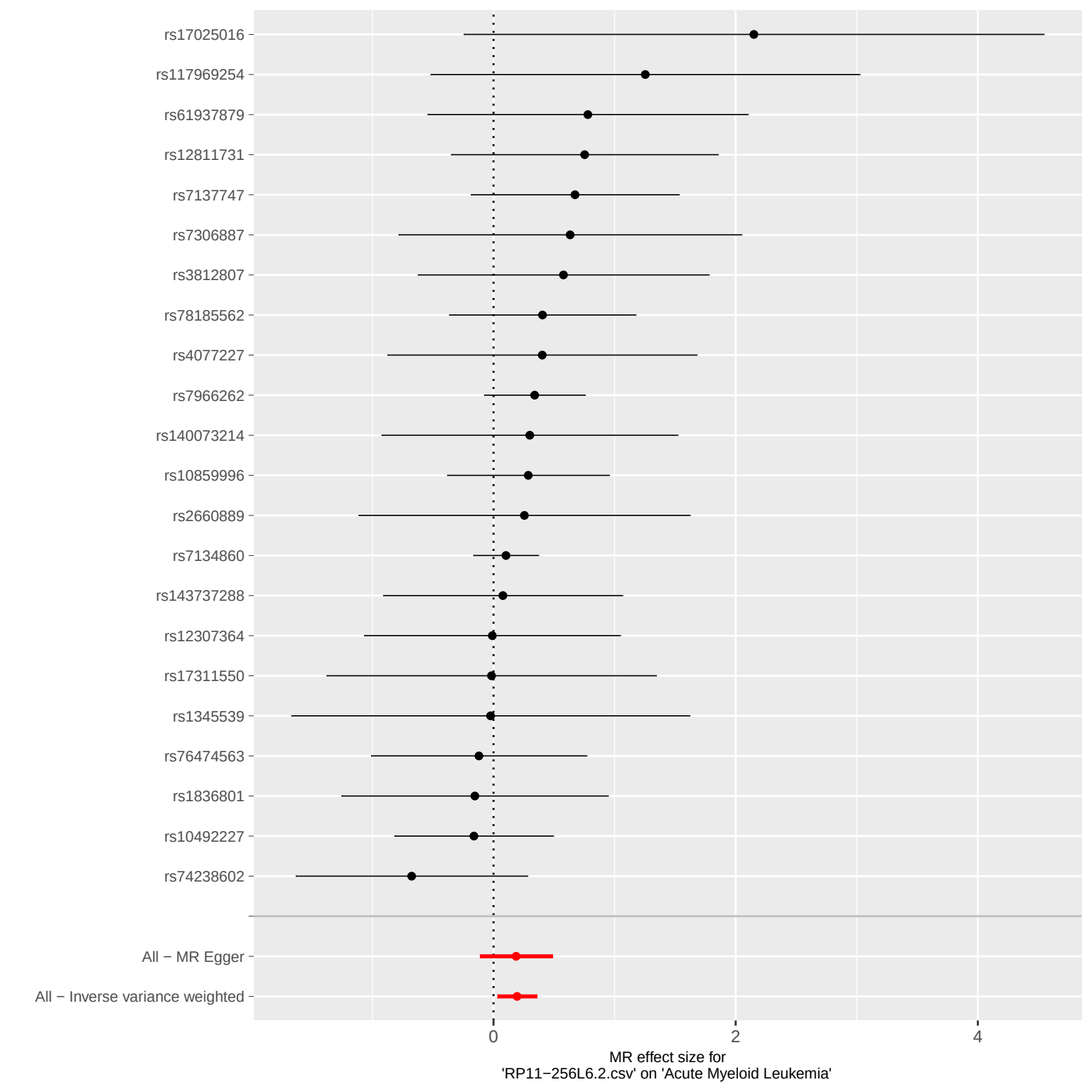
MR effect size for
'RP11−254F19.2.csv' on 'Acute Myeloid Leukemia'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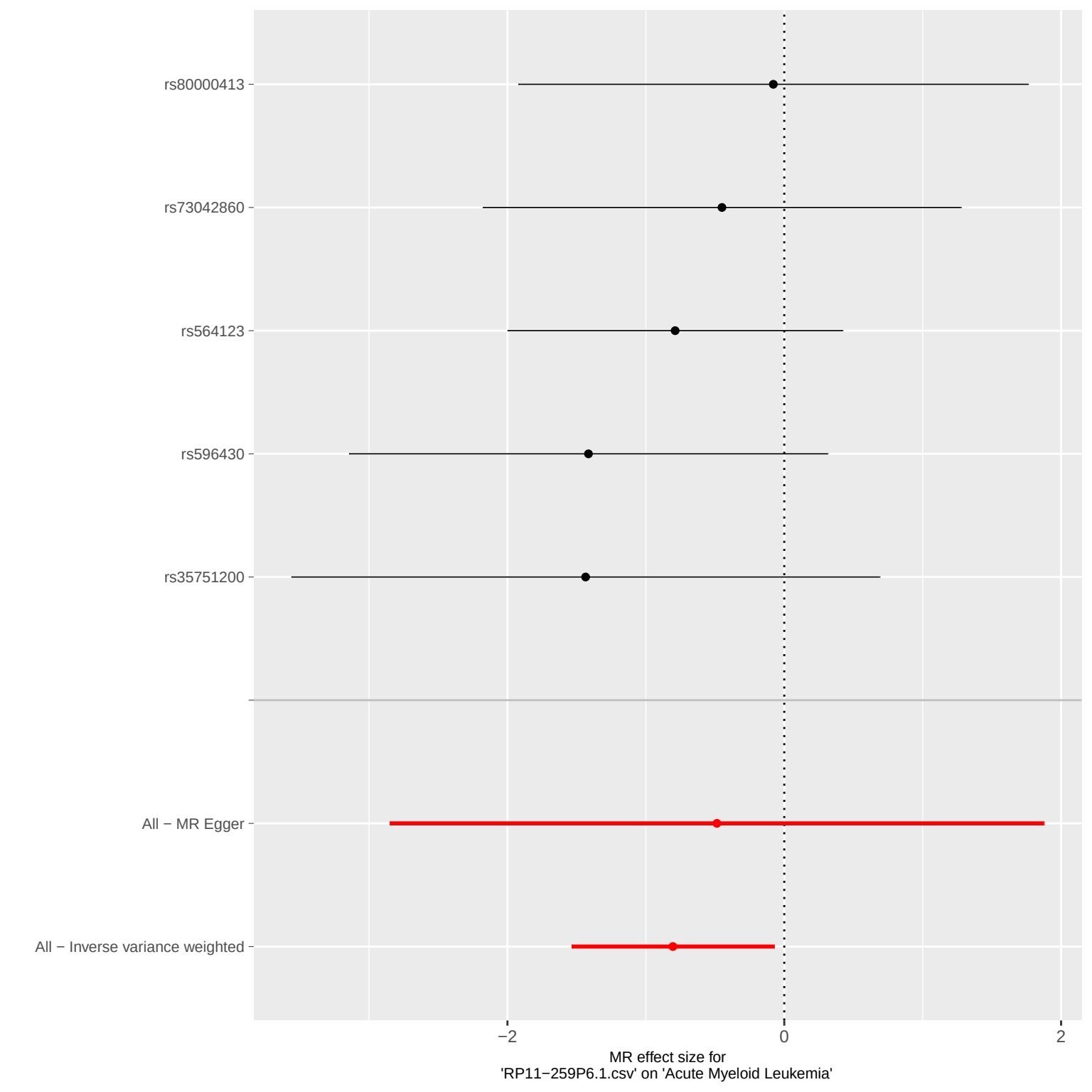
'RP11−256L6.2.csv' on 'Acute Myeloid Leukemia'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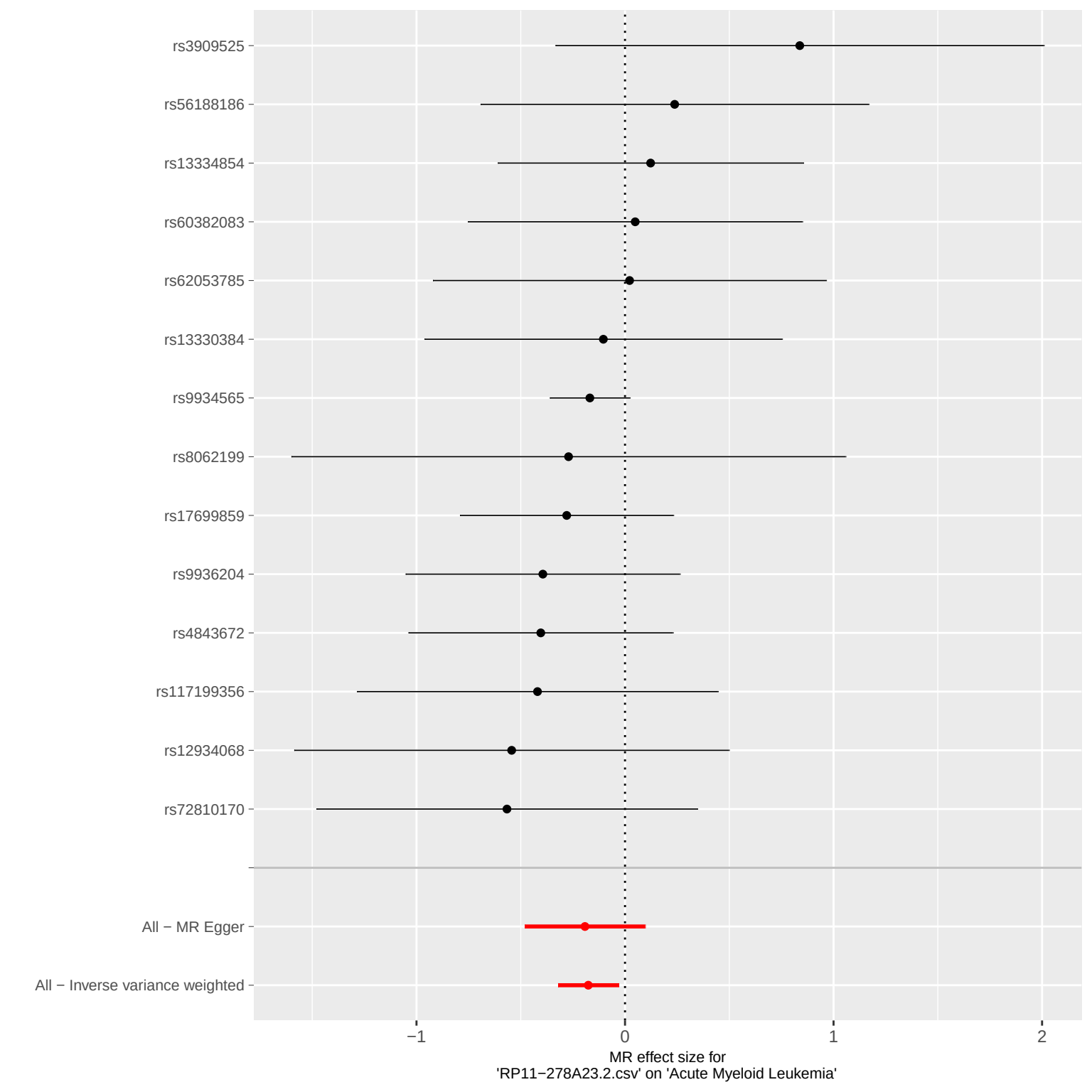
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MR effect size for
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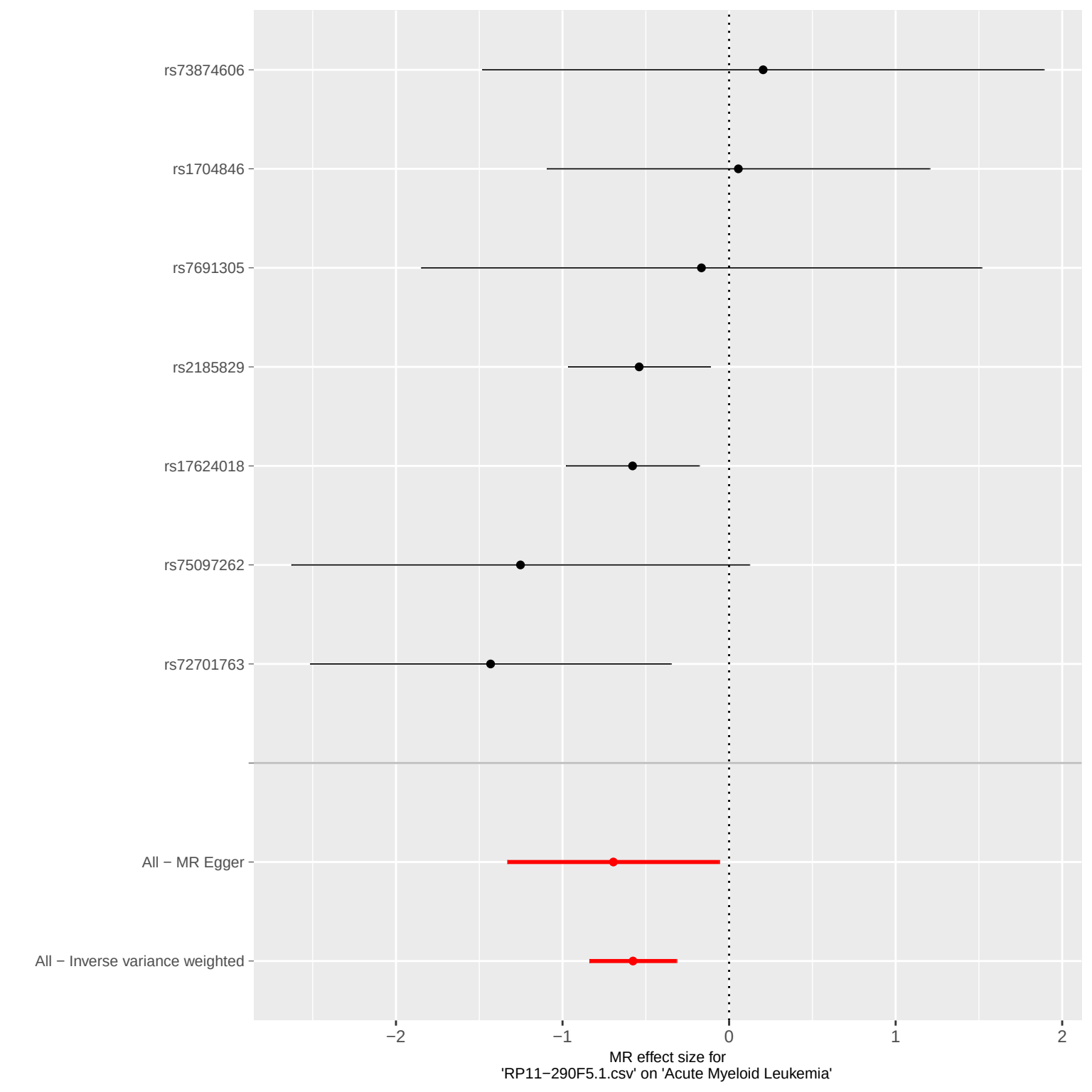
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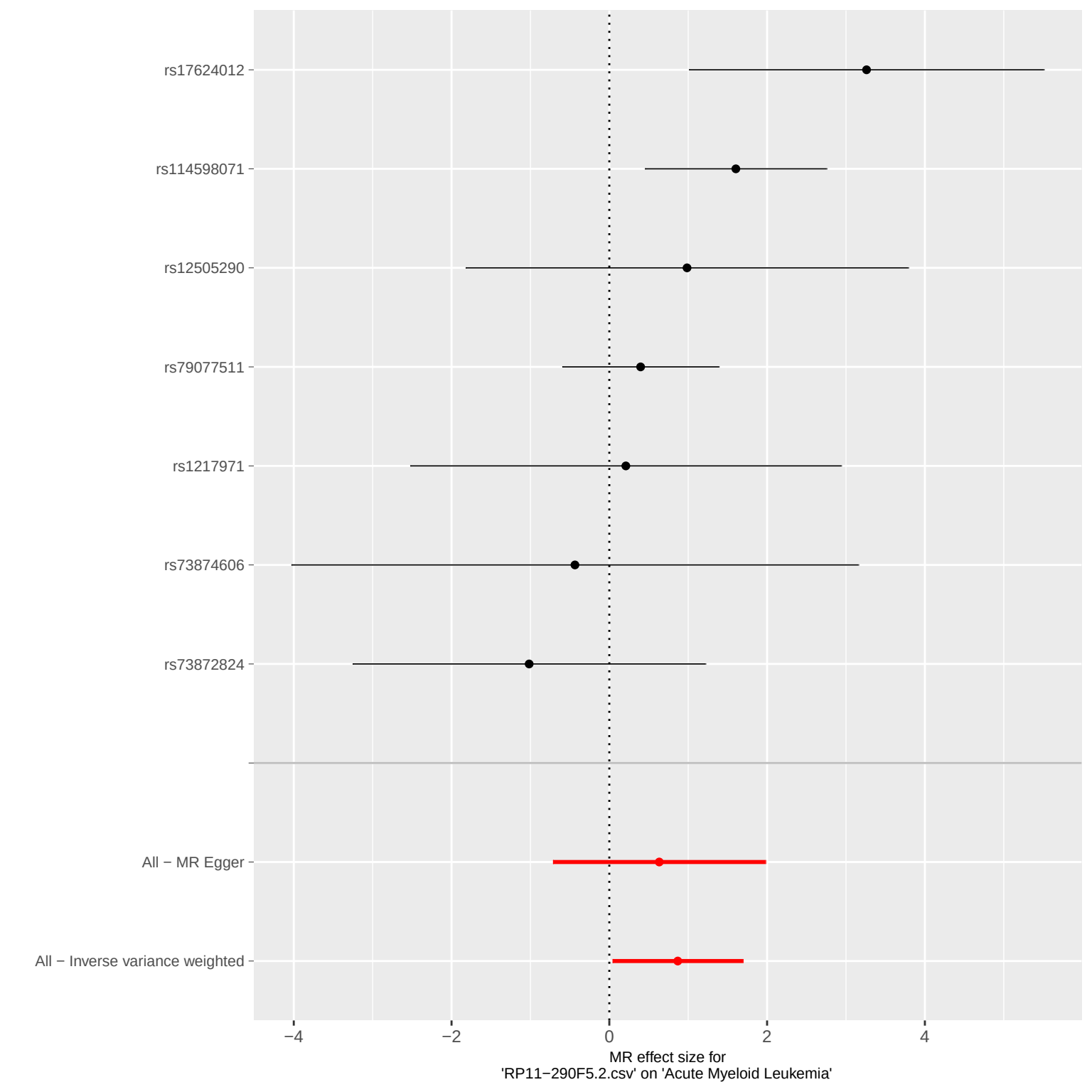
MR effect size for
'RP11−290F5.1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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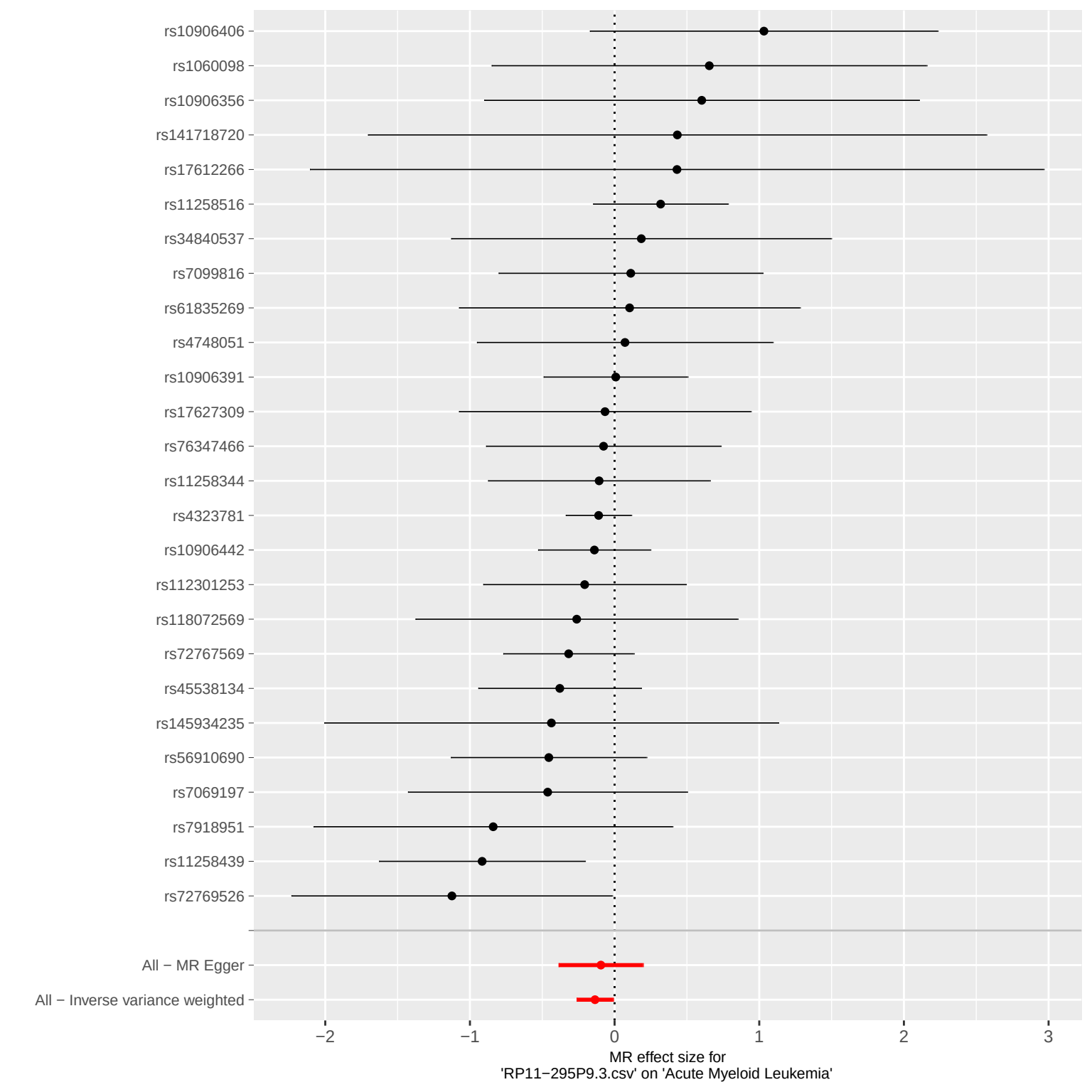
MR effect size for
'RP11−290F5.2.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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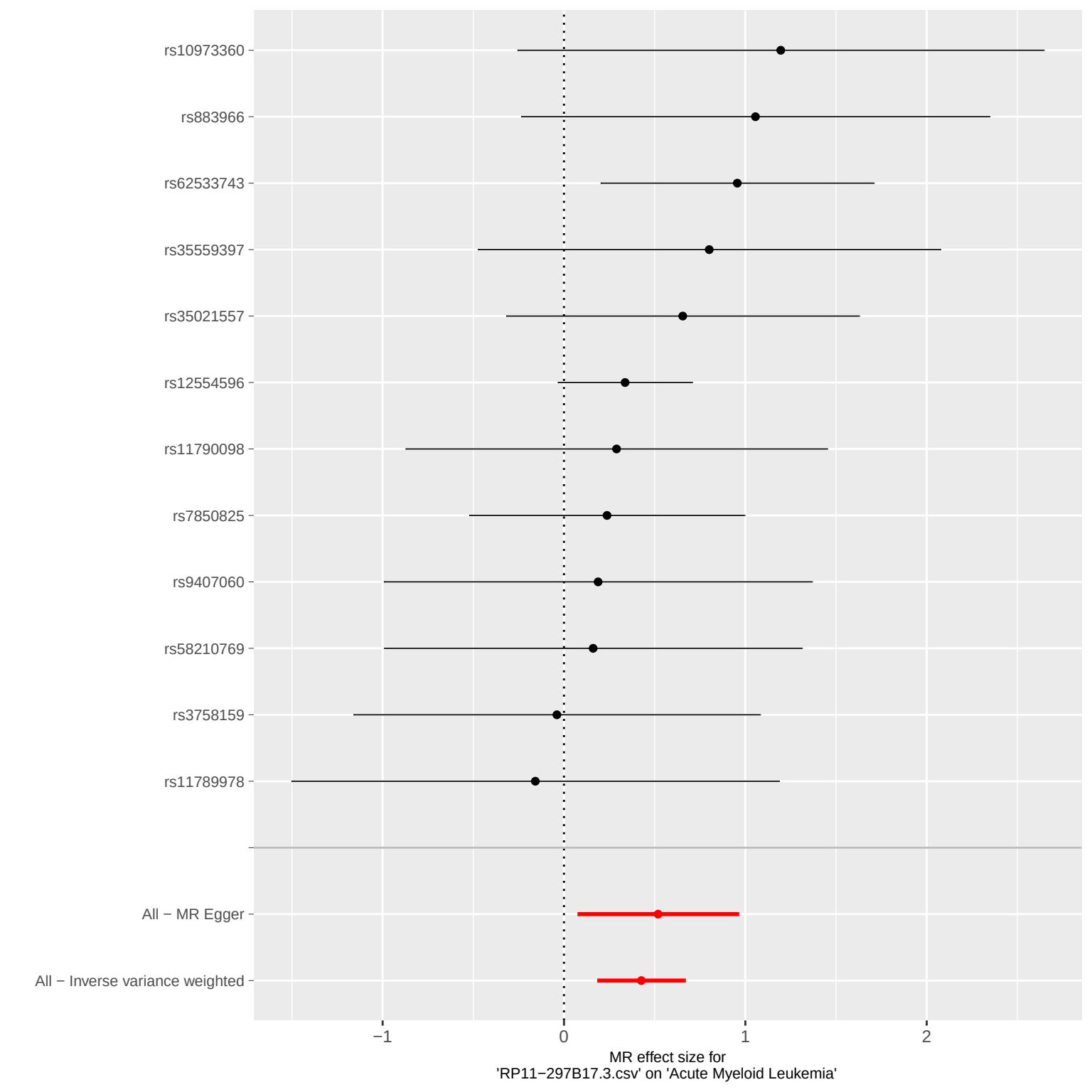
MR effect size for
'RP11−295P9.3.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
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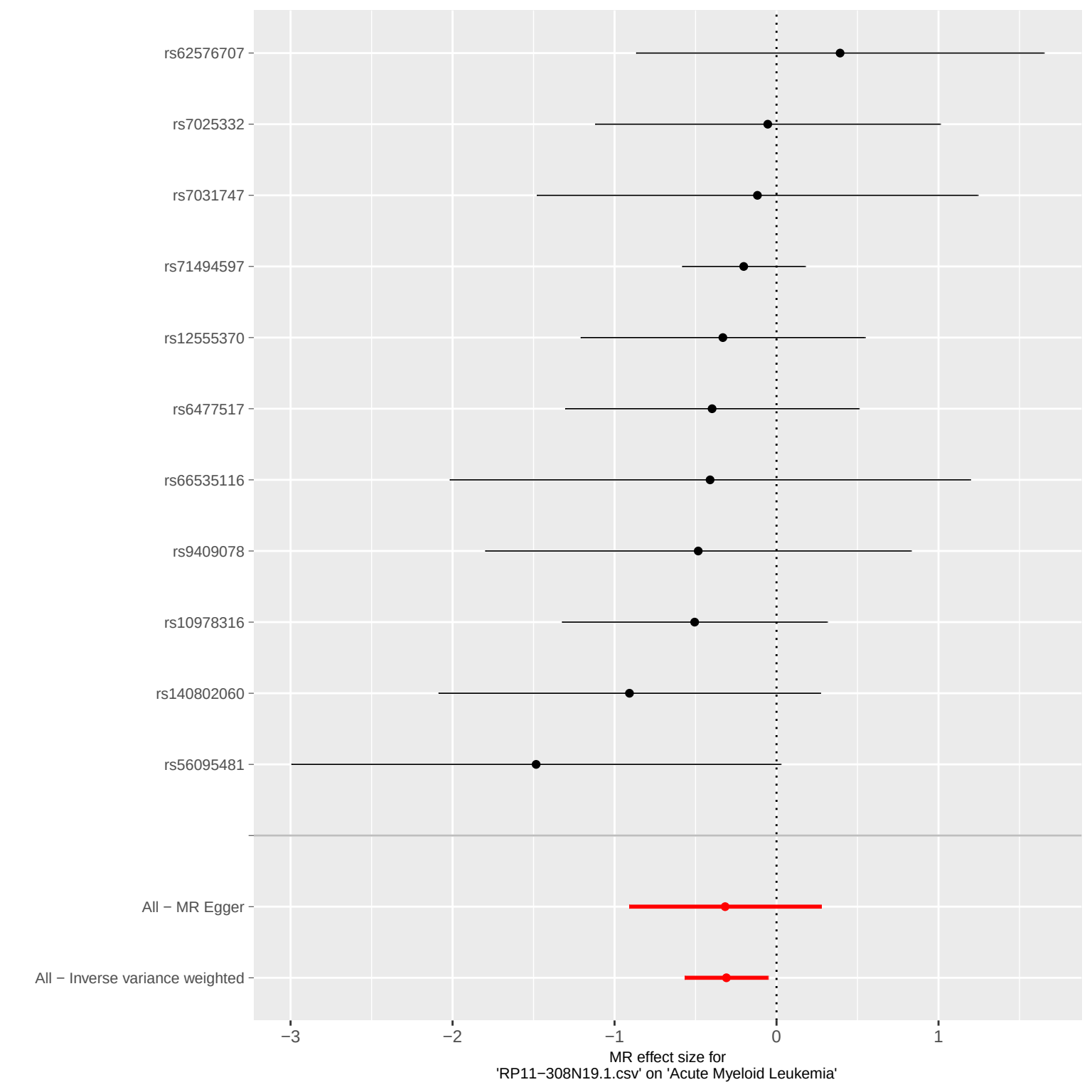
MR effect size for
'RP11−297B17.3.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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0
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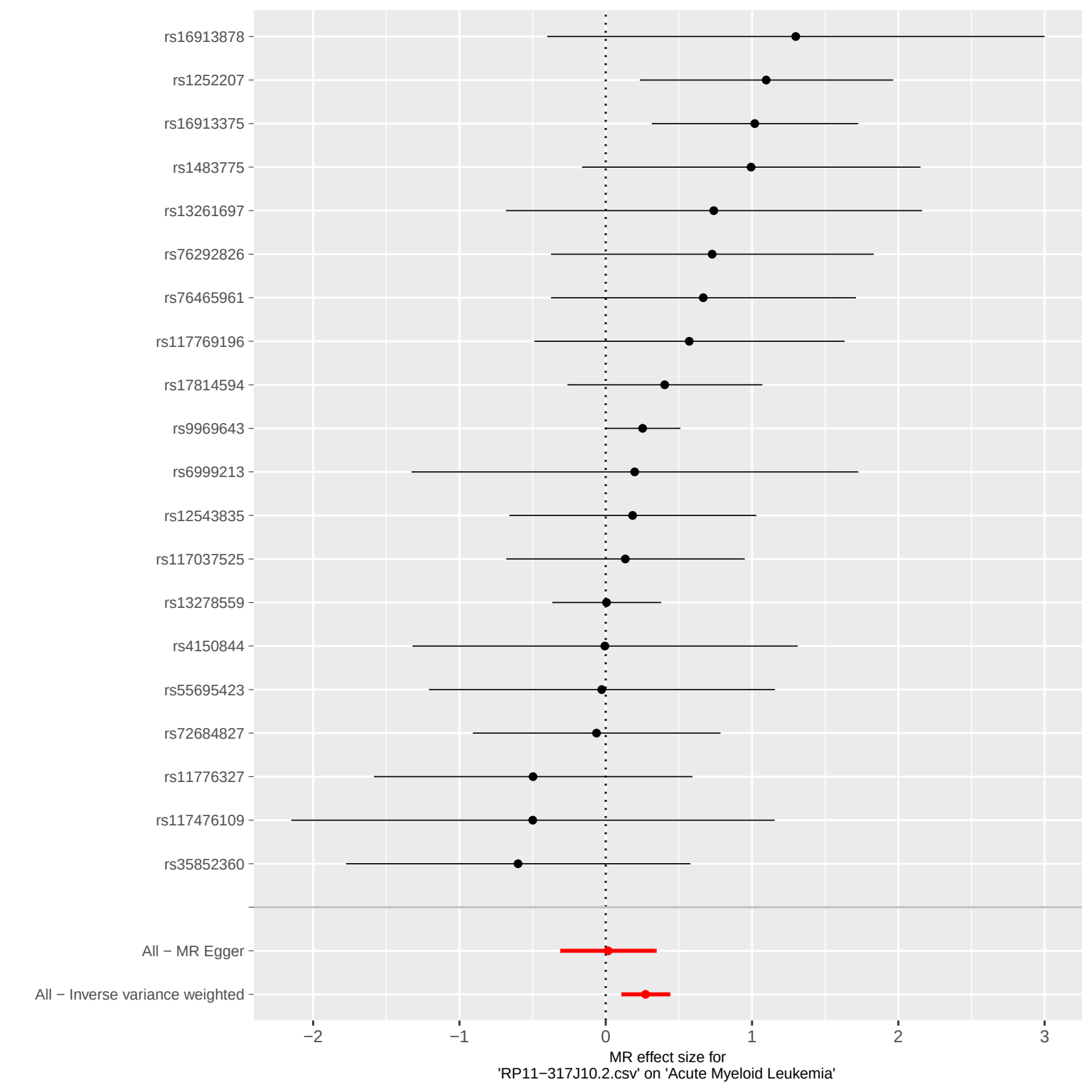
MR effect size for
'RP11−308N19.1.csv' on 'Acute Myeloid Leukemia'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rs11776327
rs117476109
rs35852360
All − MR Egger
All − Inverse variance weighted
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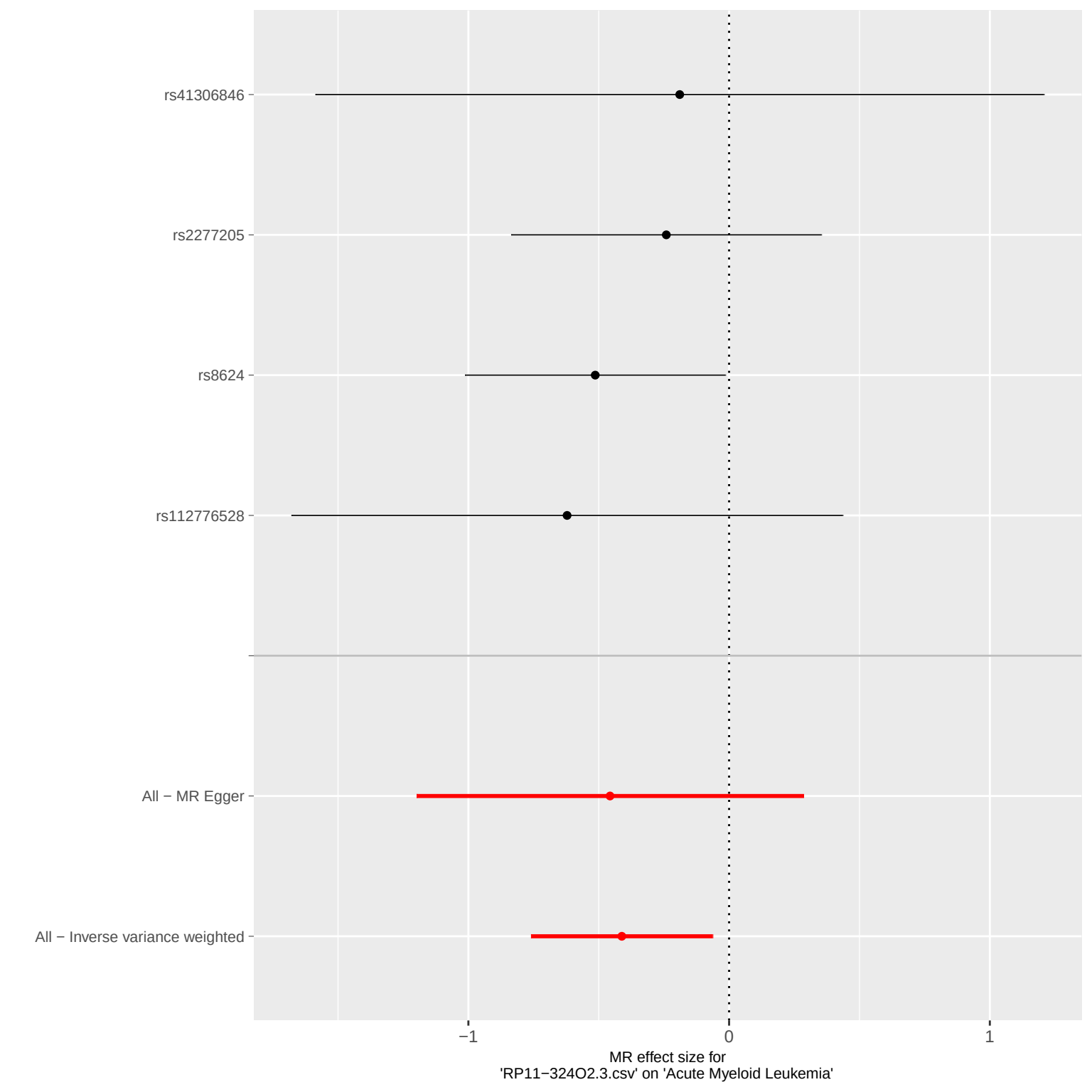
0
1
2
3
MR effect size for
'RP11−317J10.2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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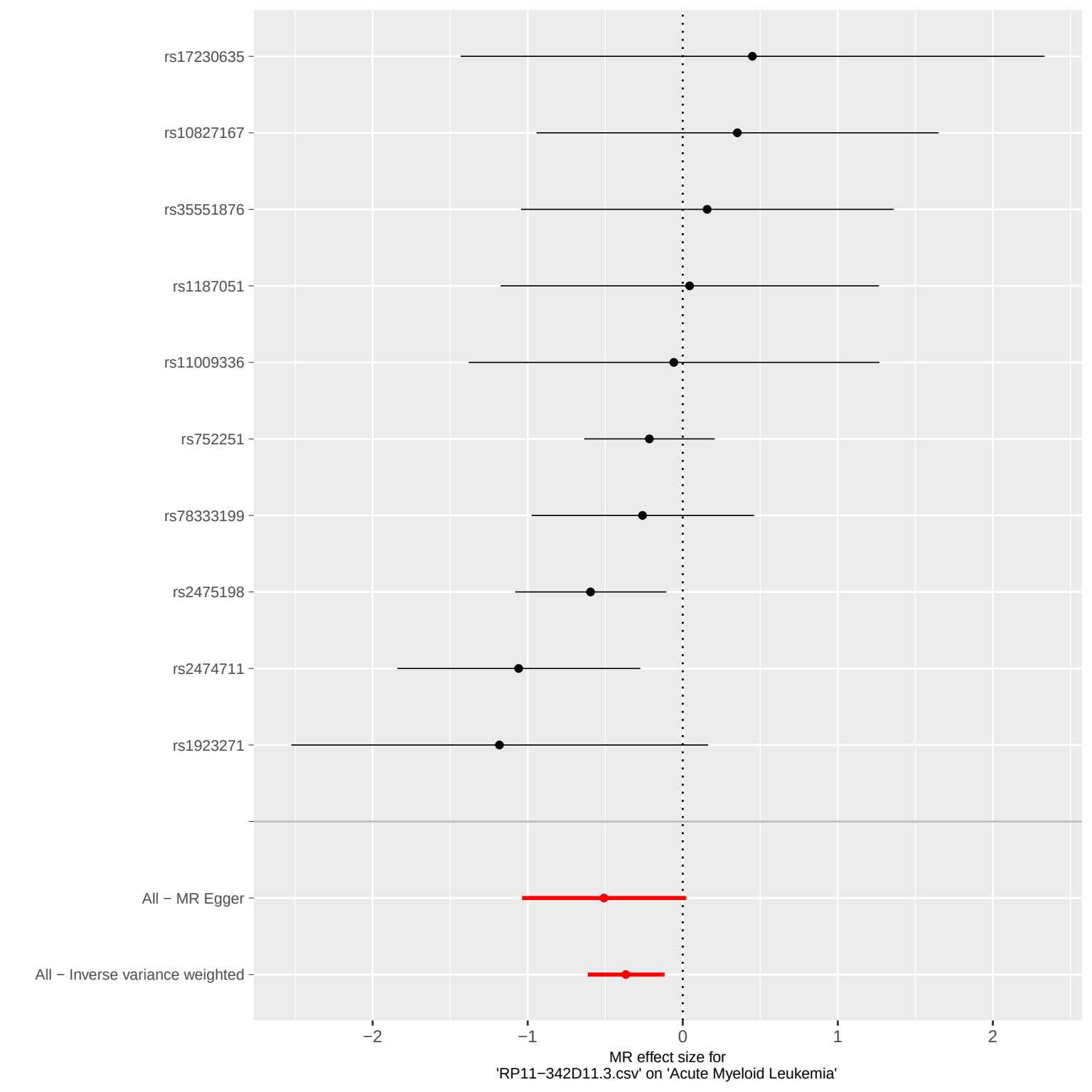
MR effect size for
'RP11−324O2.3.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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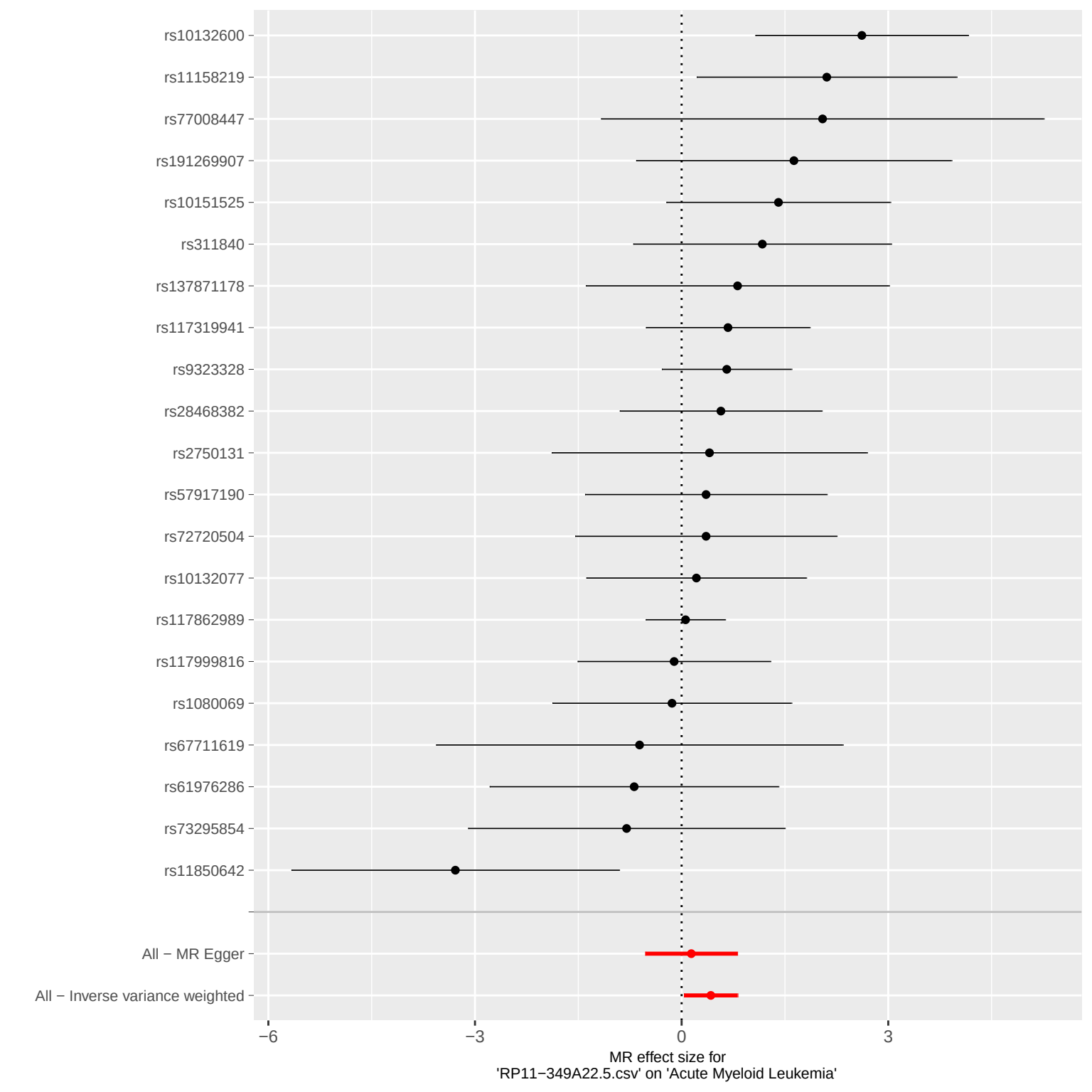
MR effect size for
'RP11−342D11.3.csv' on 'Acute Myeloid Leukemia'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rs117862989
rs117999816
rs1080069
rs67711619
rs61976286
rs73295854
rs11850642
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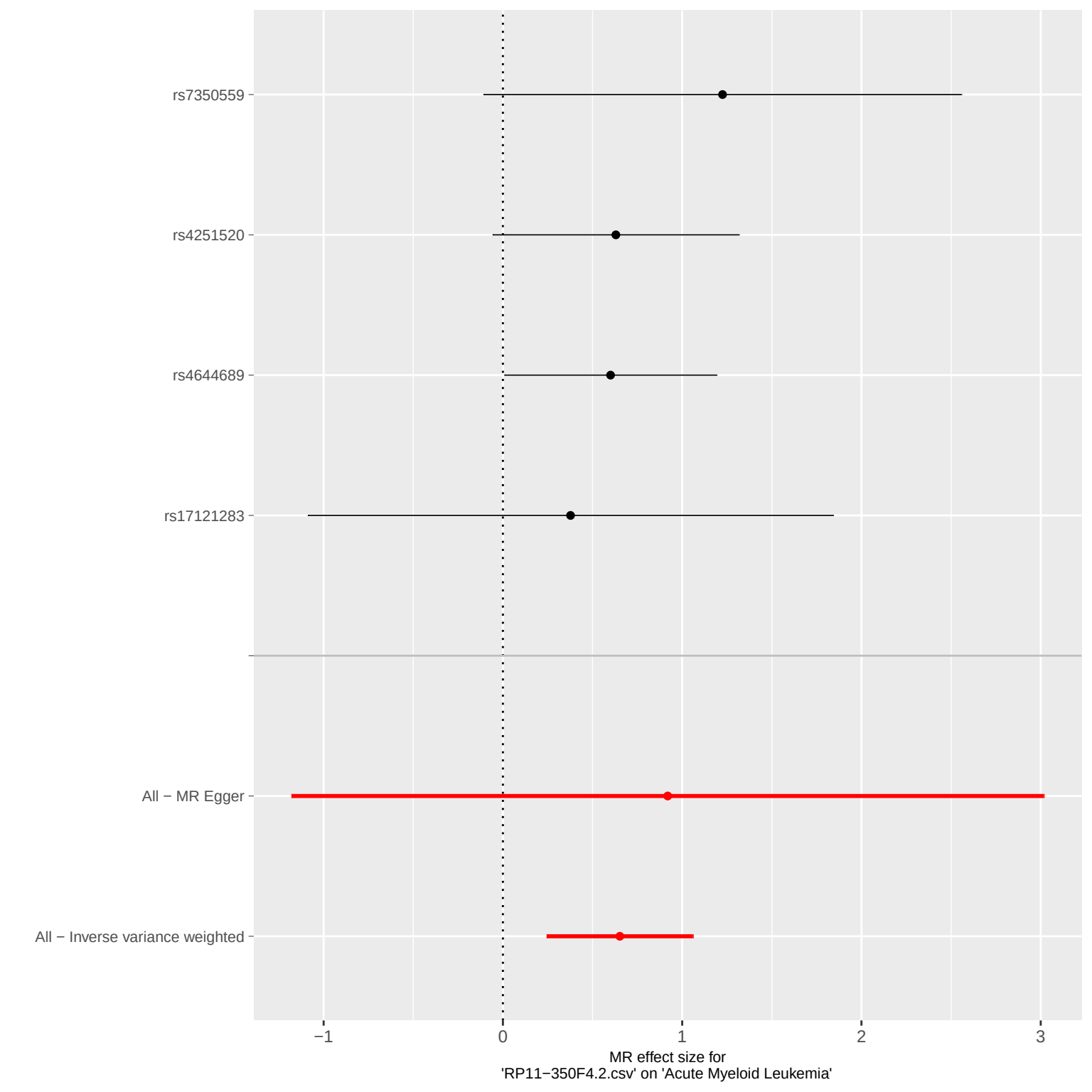
MR effect size for
'RP11−349A22.5.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−1
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2
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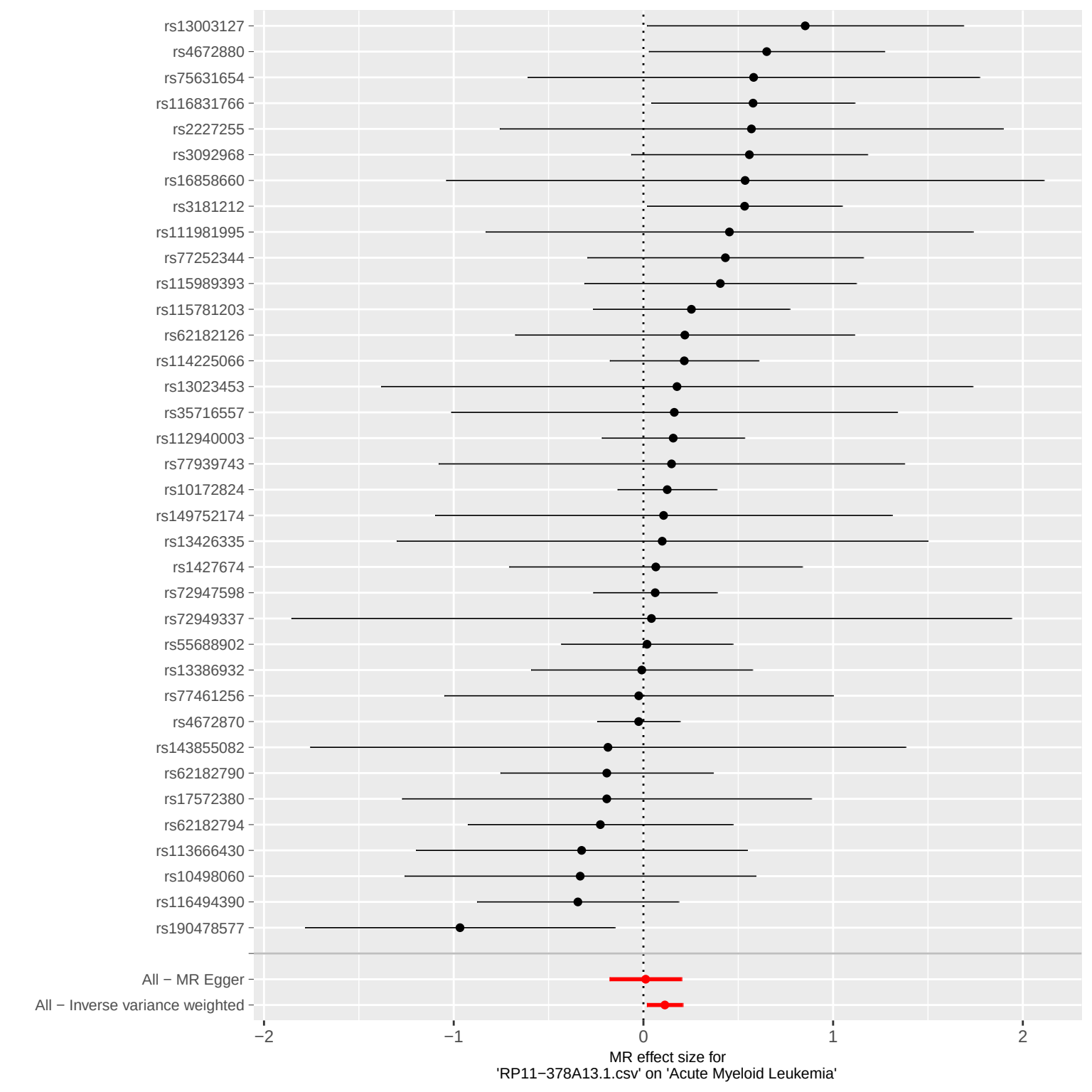
MR effect size for
'RP11−350F4.2.csv' on 'Acute Myeloid Leukemia'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MR effect size for
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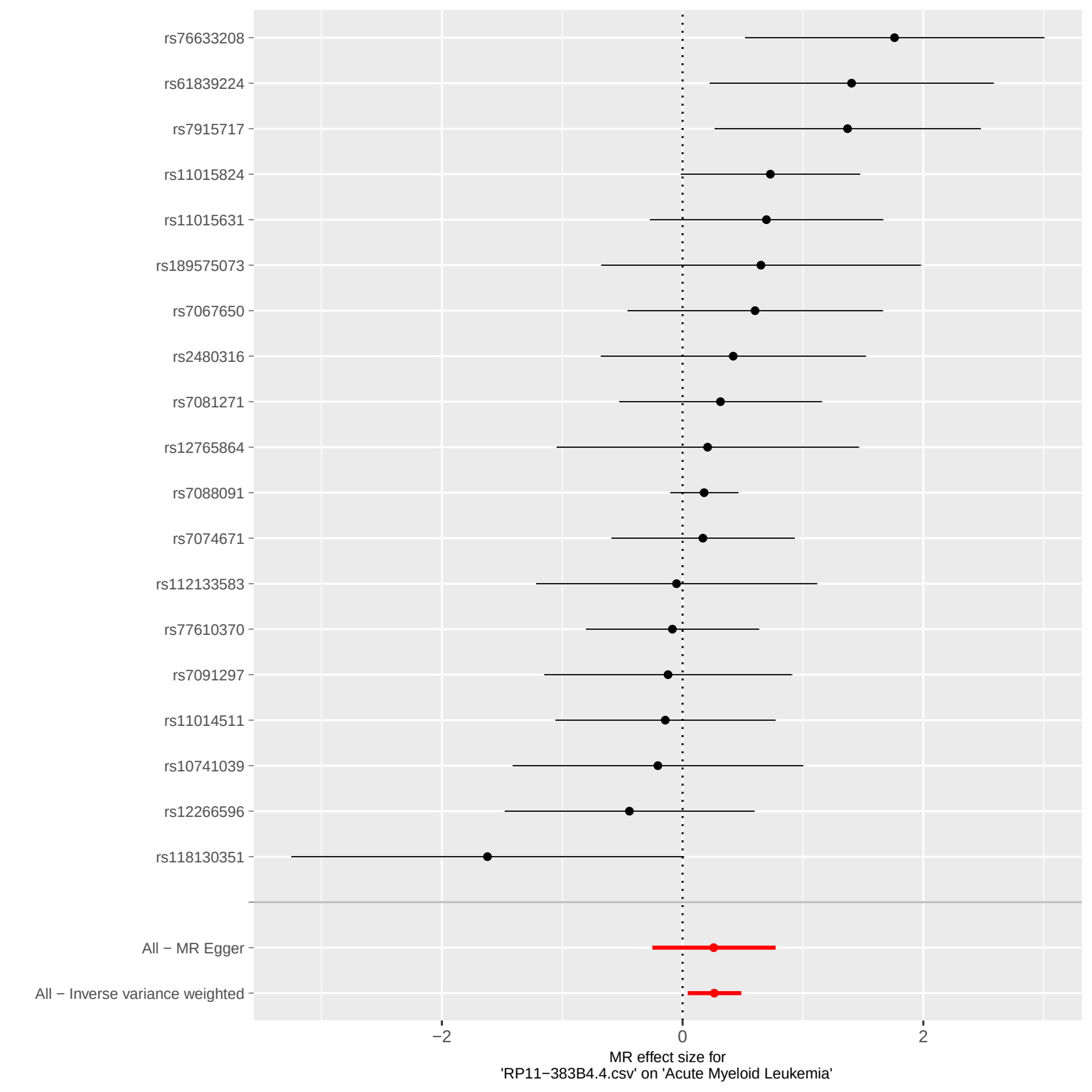
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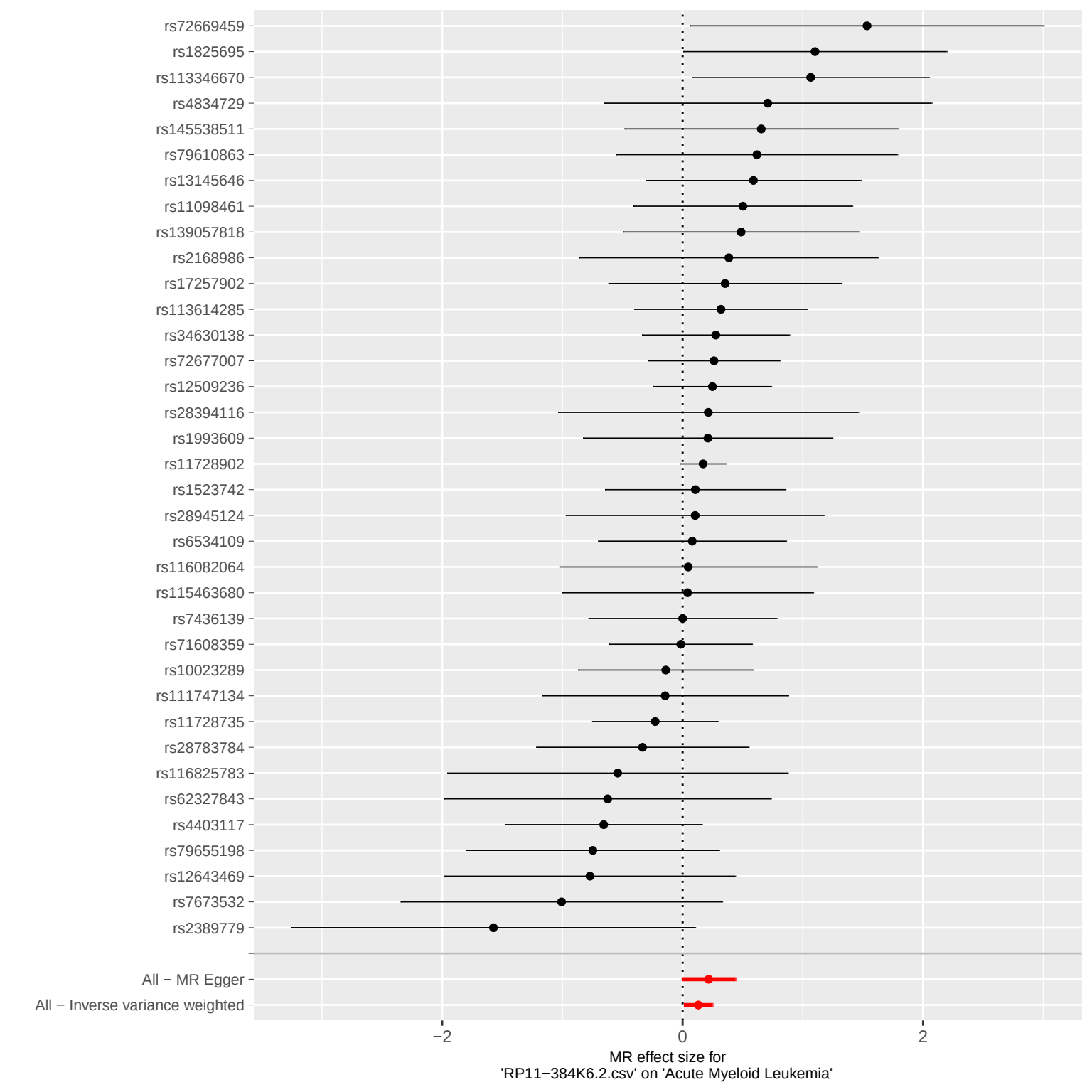
MR effect size for
'RP11−383B4.4.csv' on 'Acute Myeloid Leukemia'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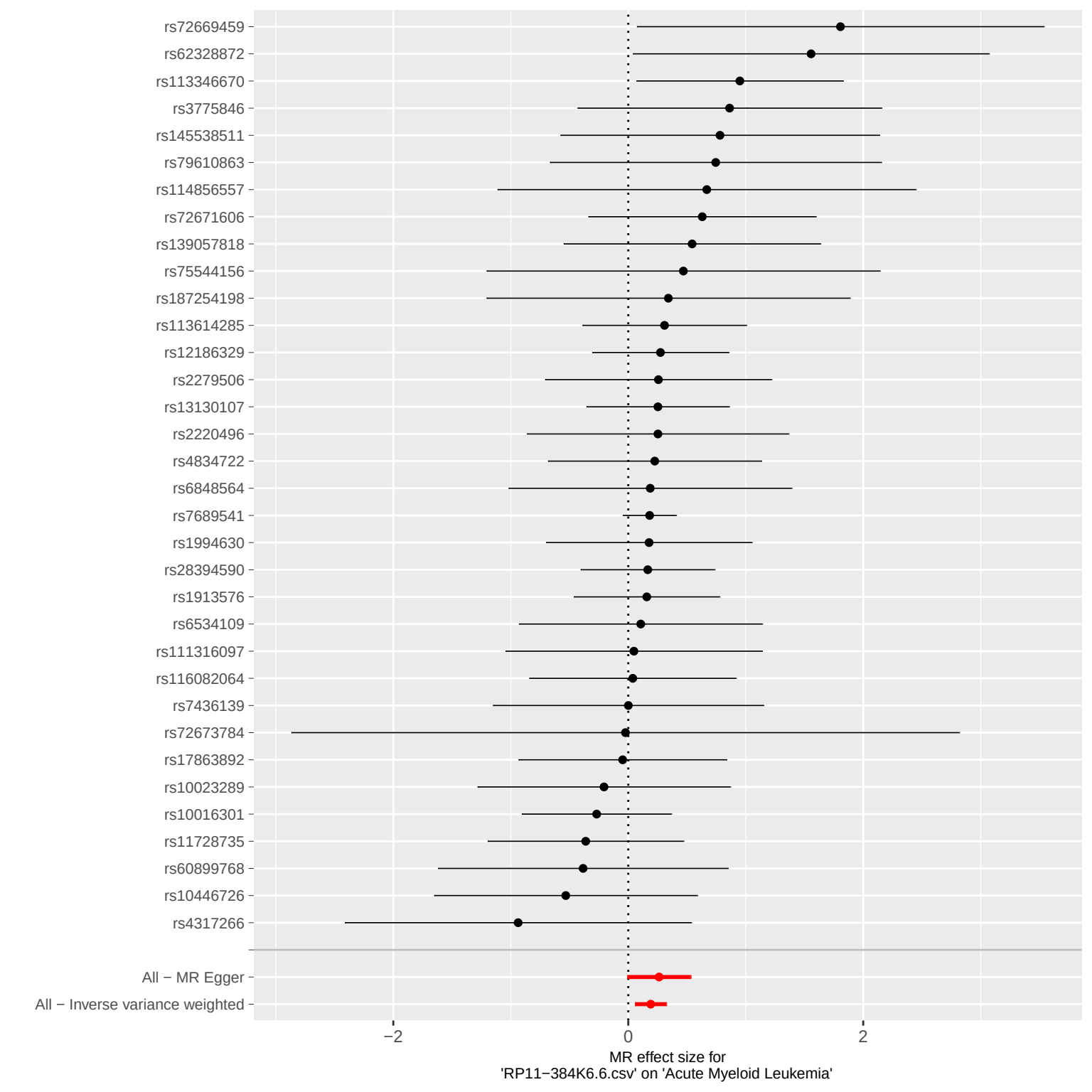
MR effect size for
'RP11−384K6.2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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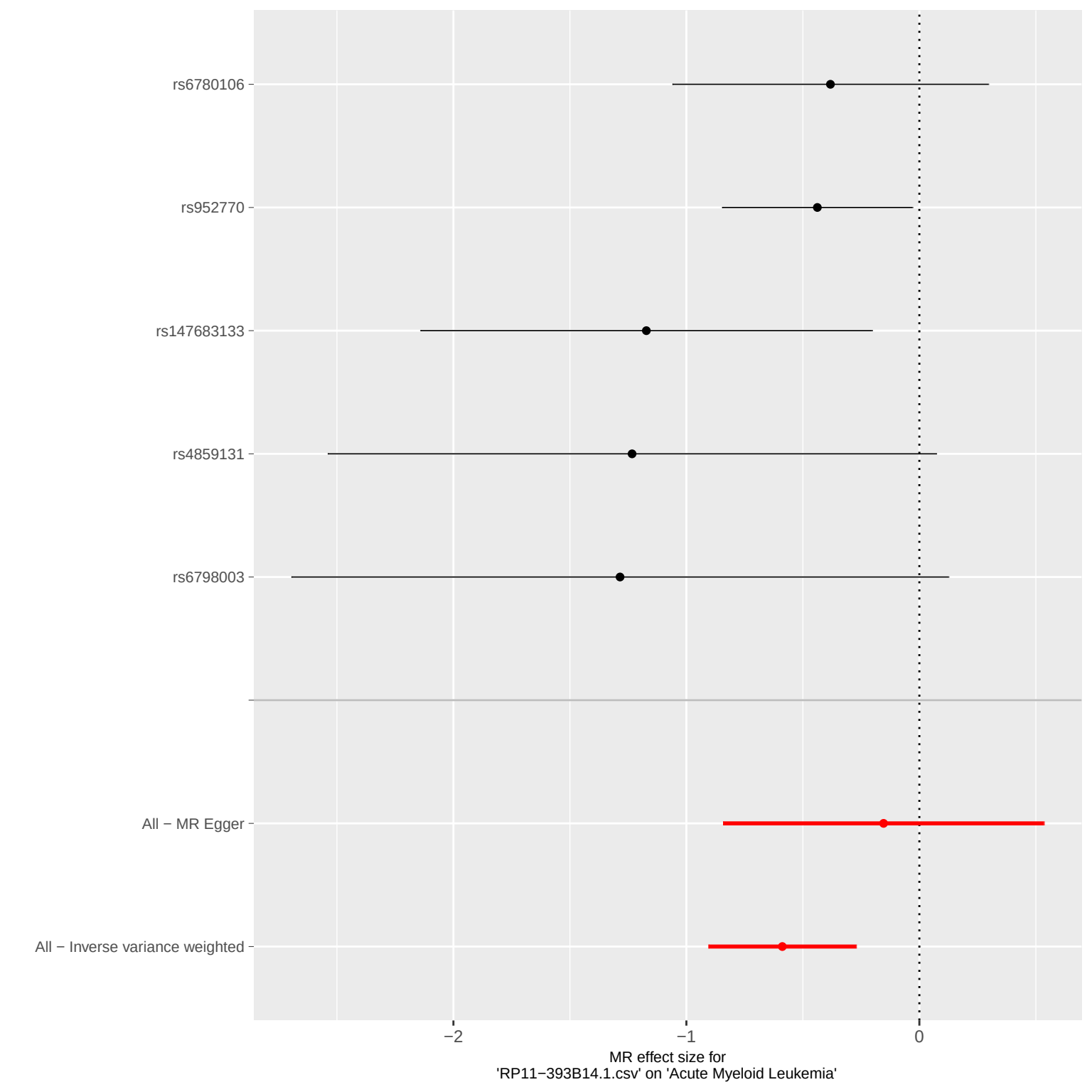
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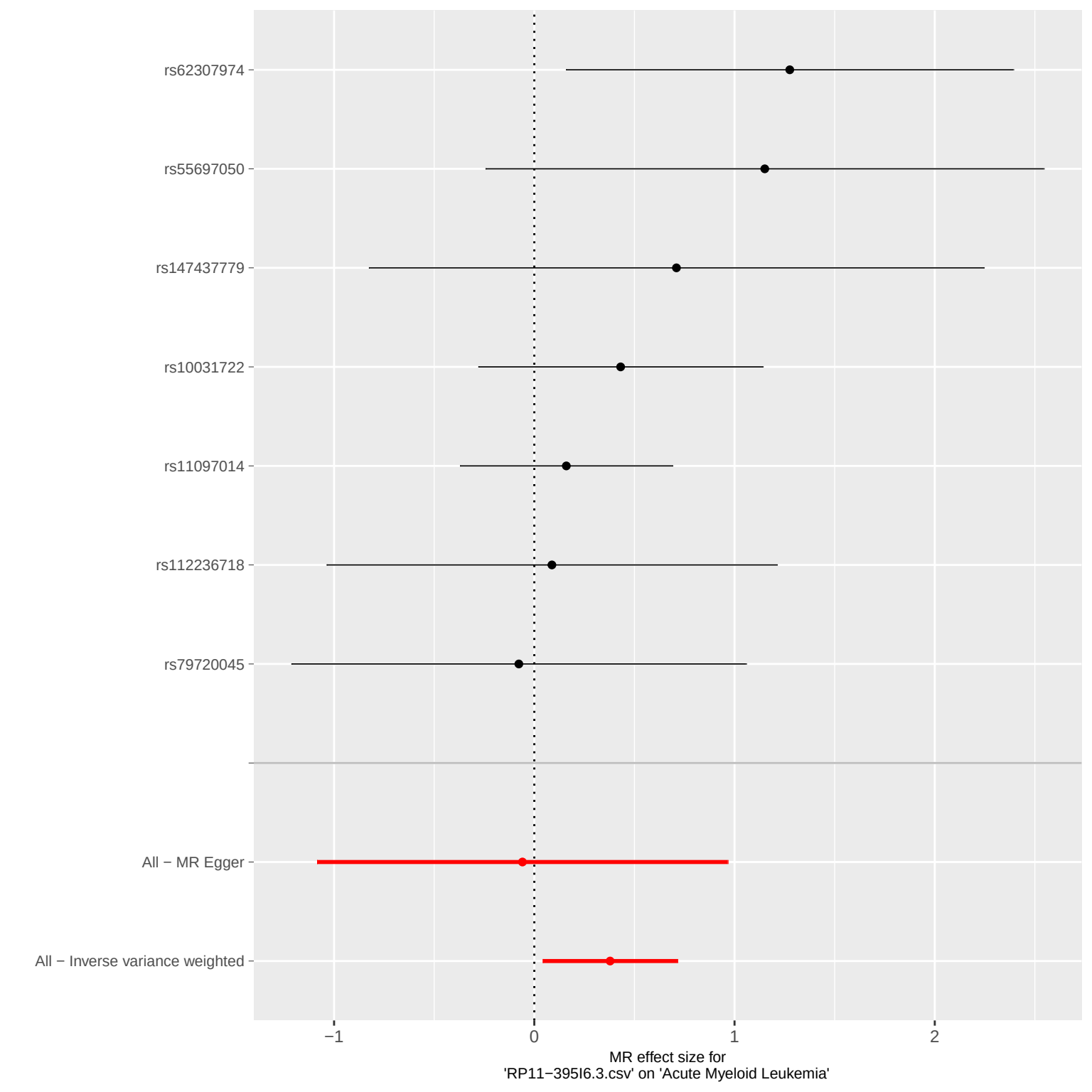
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MR effect size for
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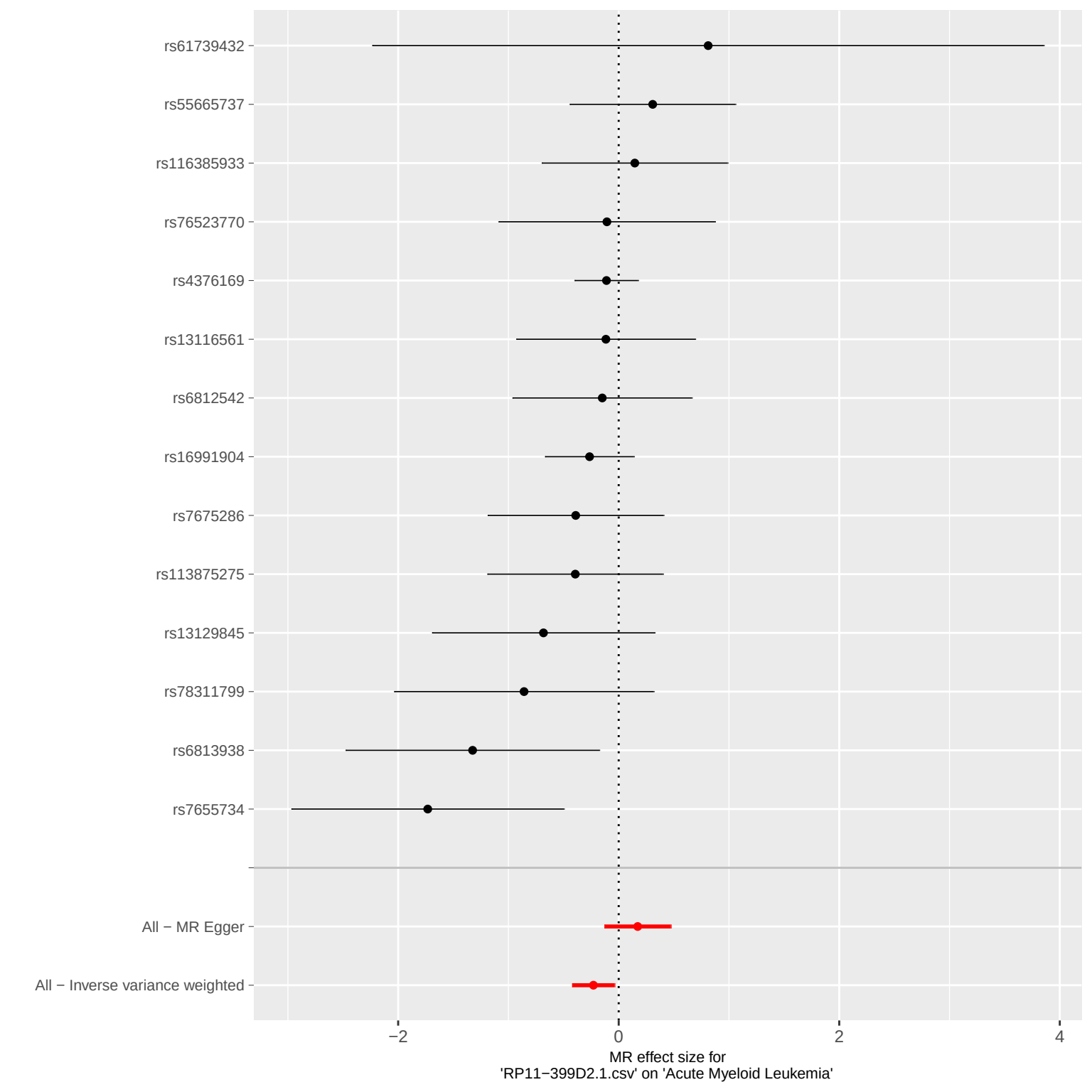
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MR effect size for
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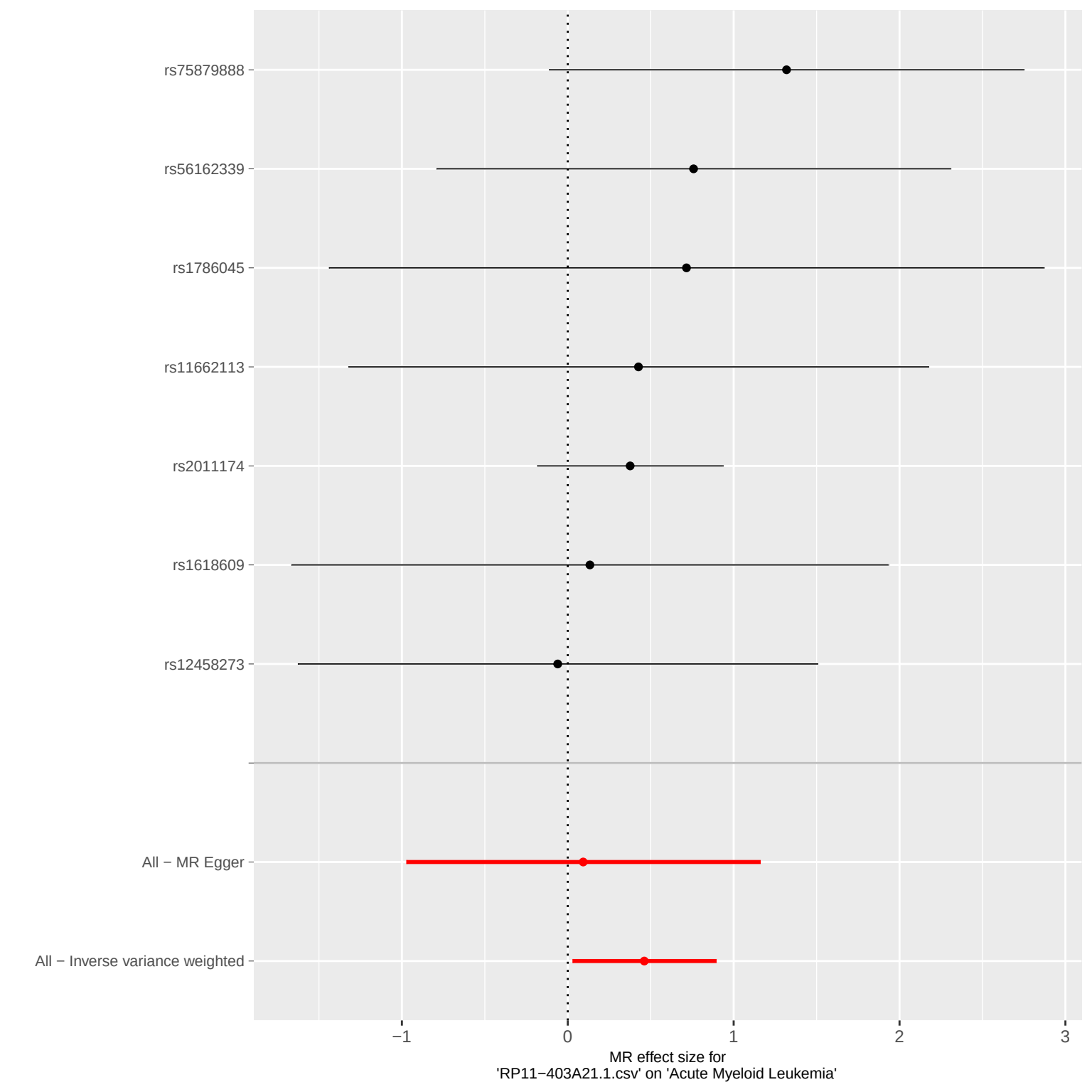
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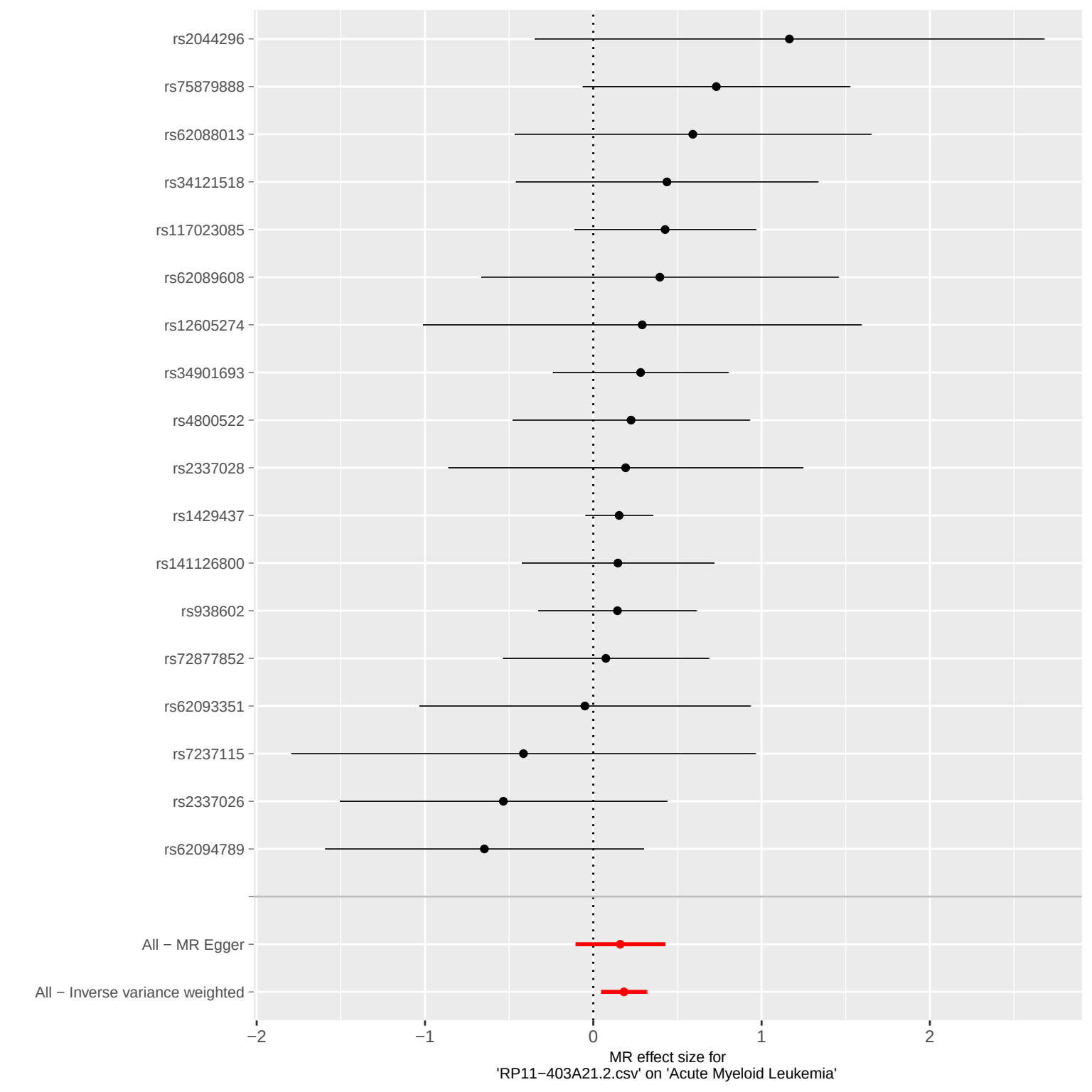
MR effect size for
'RP11−403A21.1.csv' on 'Acute Myeloid Leukemia'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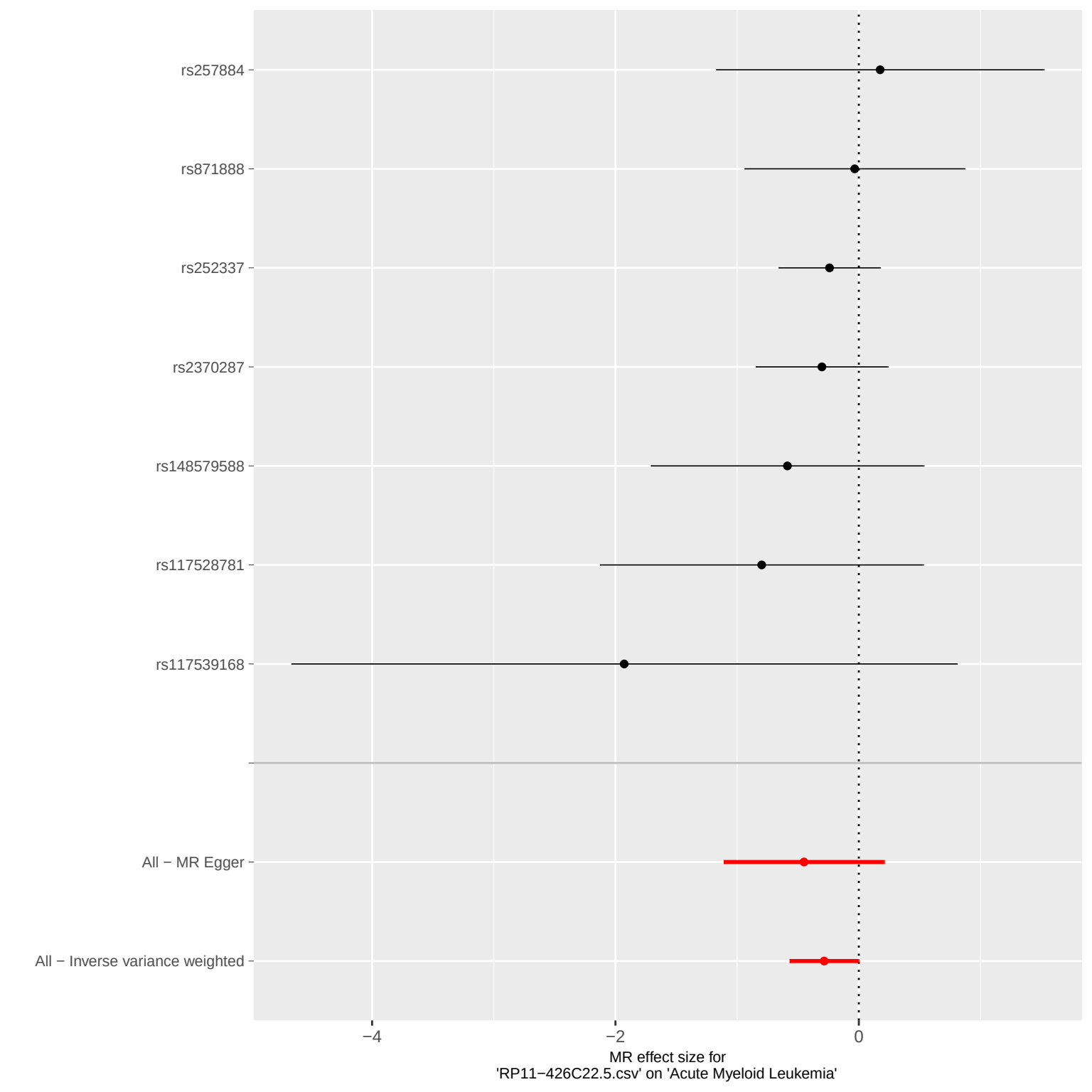
MR effect size for
'RP11−403A21.2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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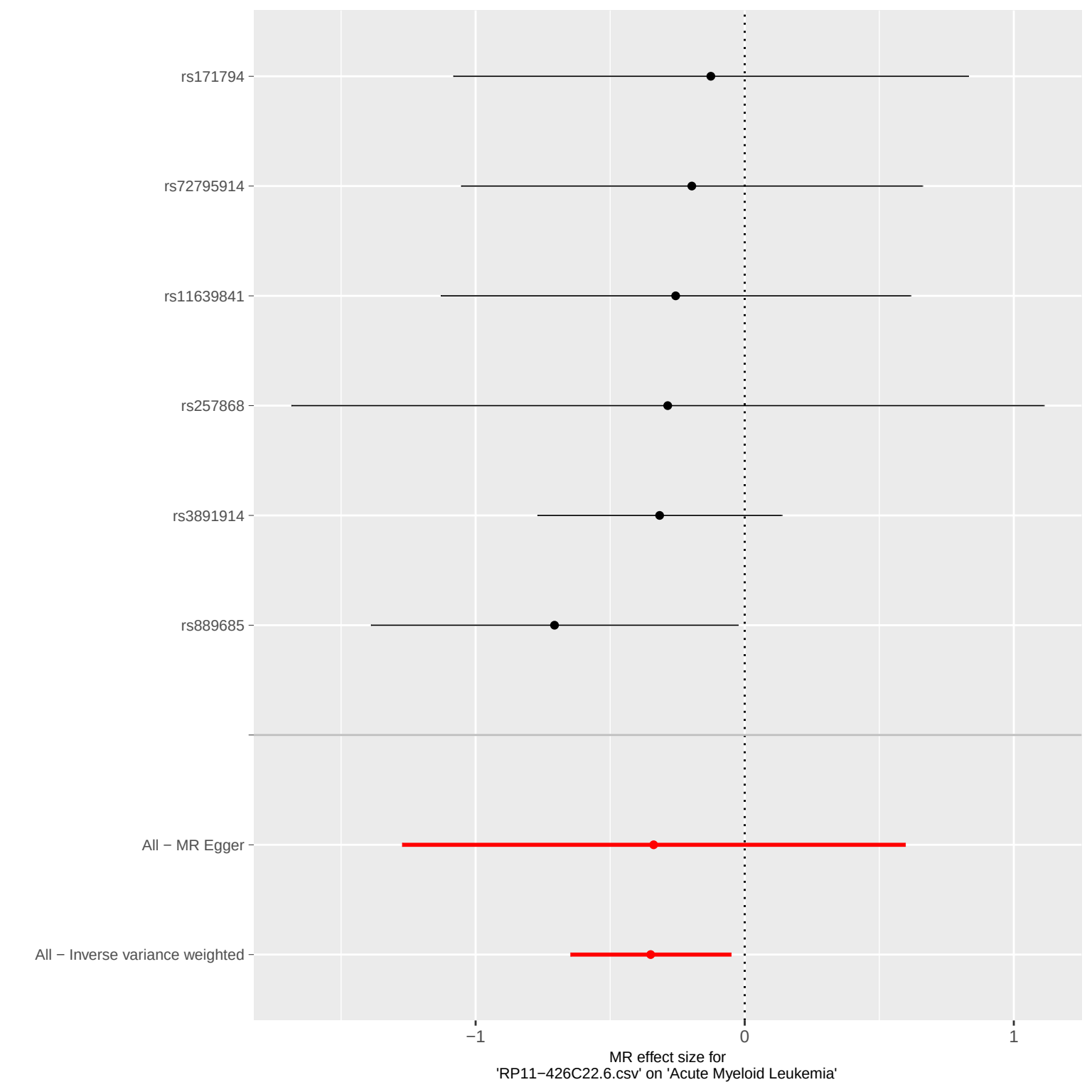
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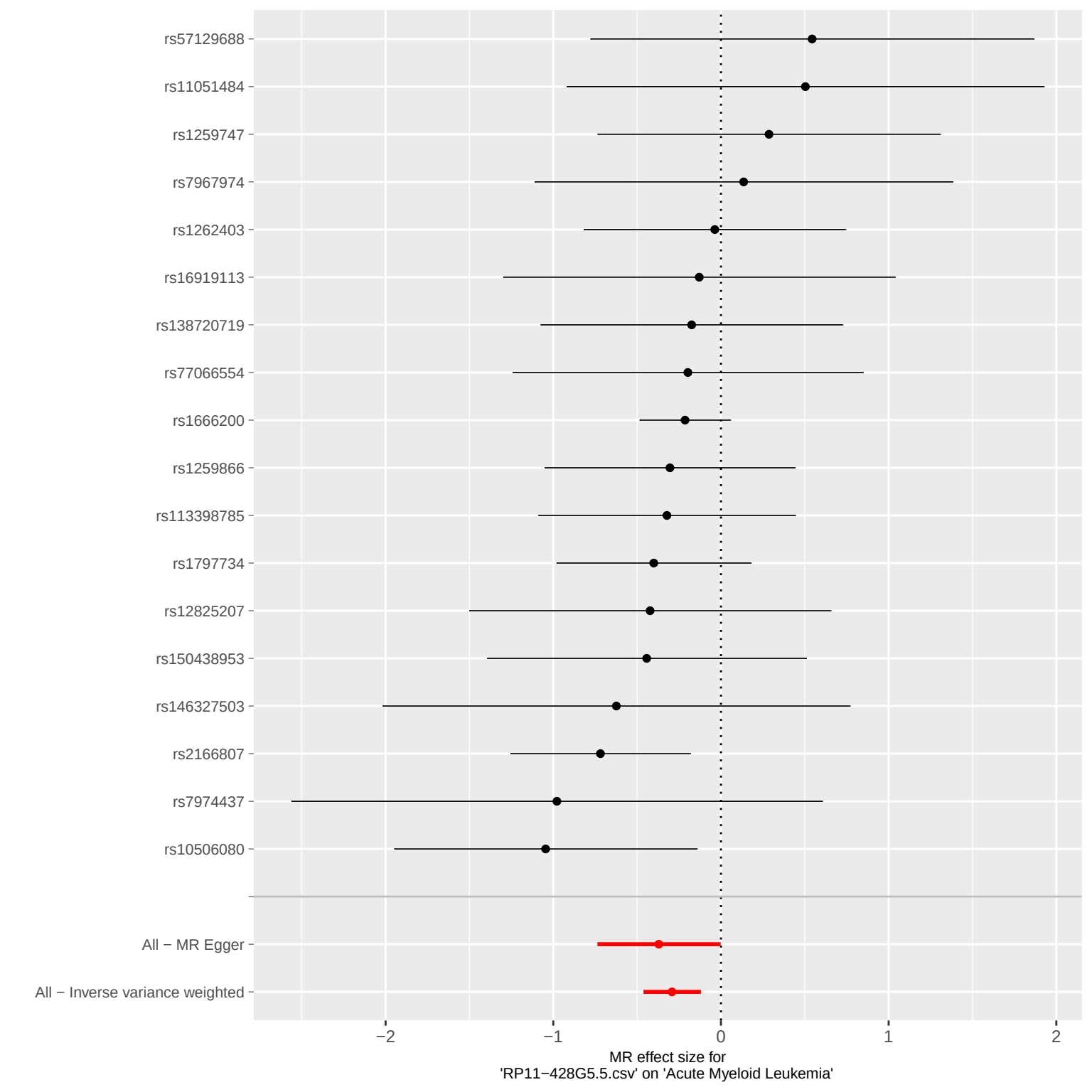
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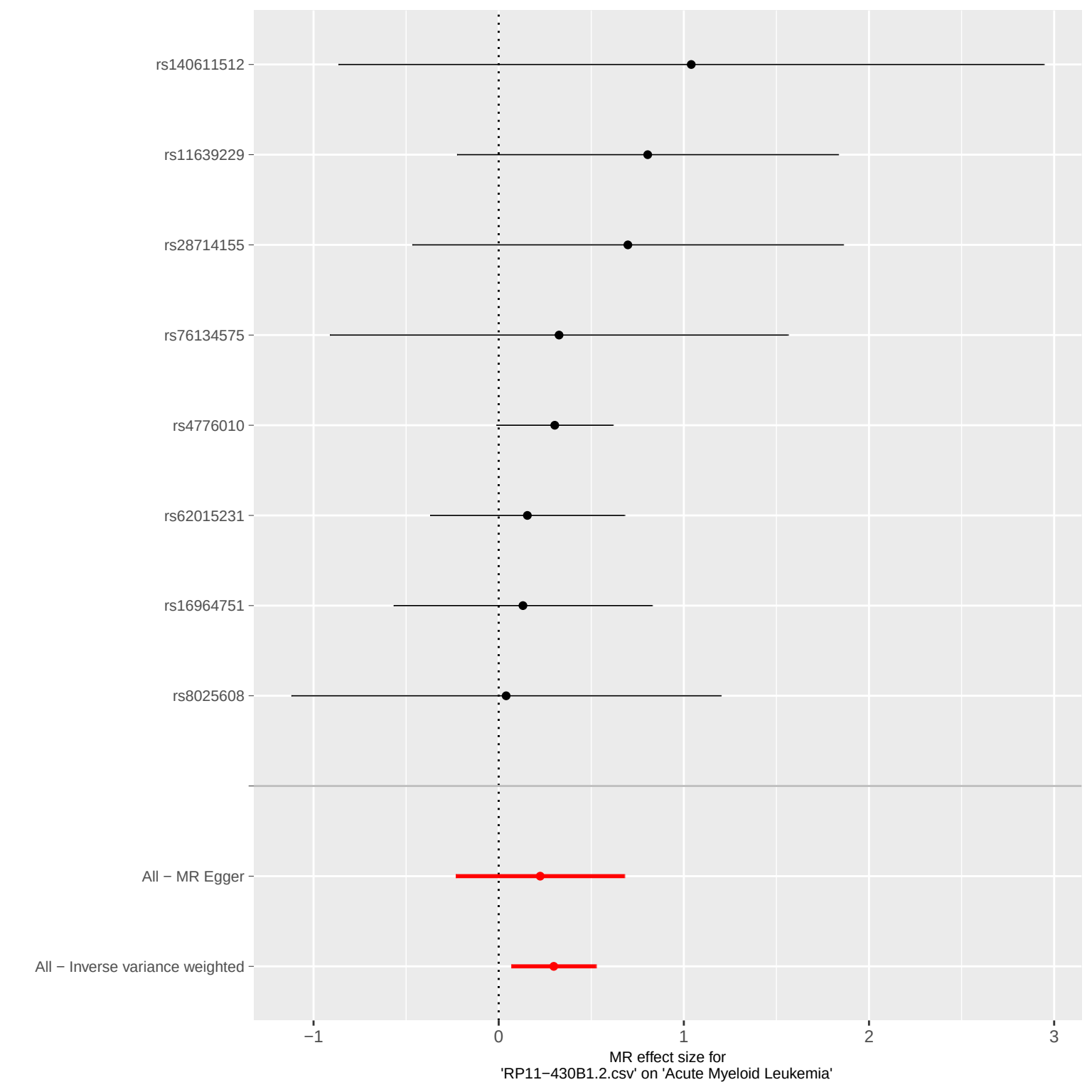
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MR effect size for
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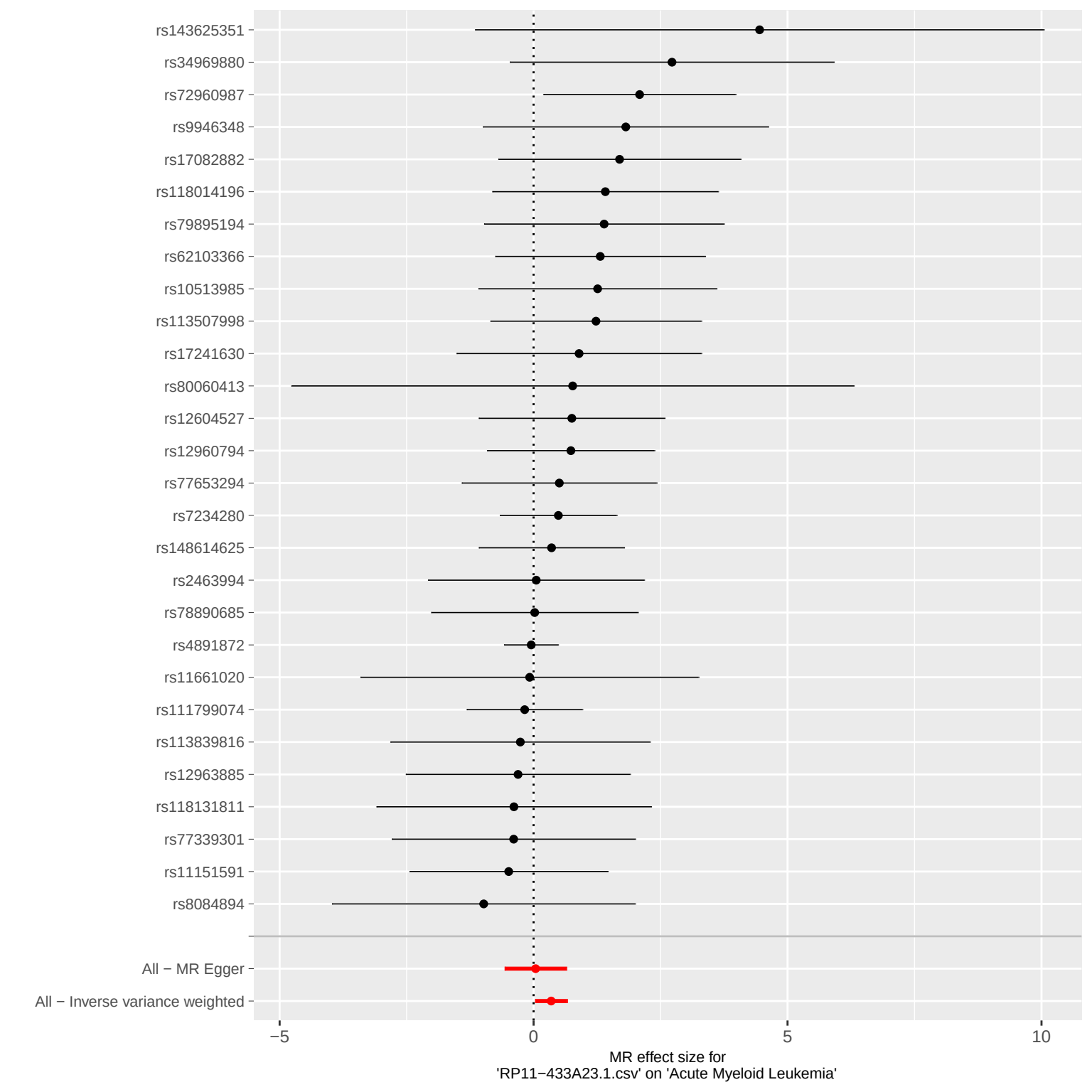
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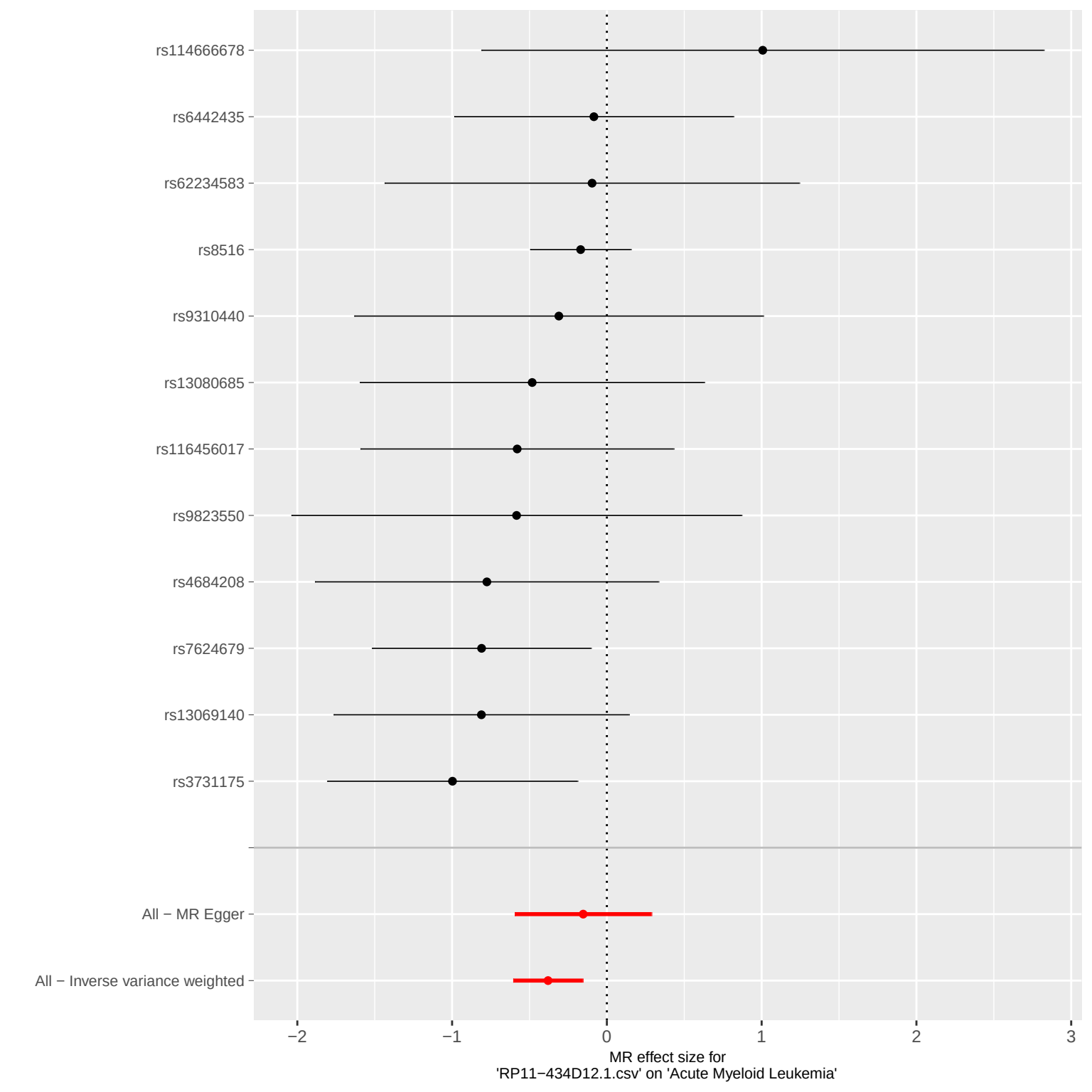
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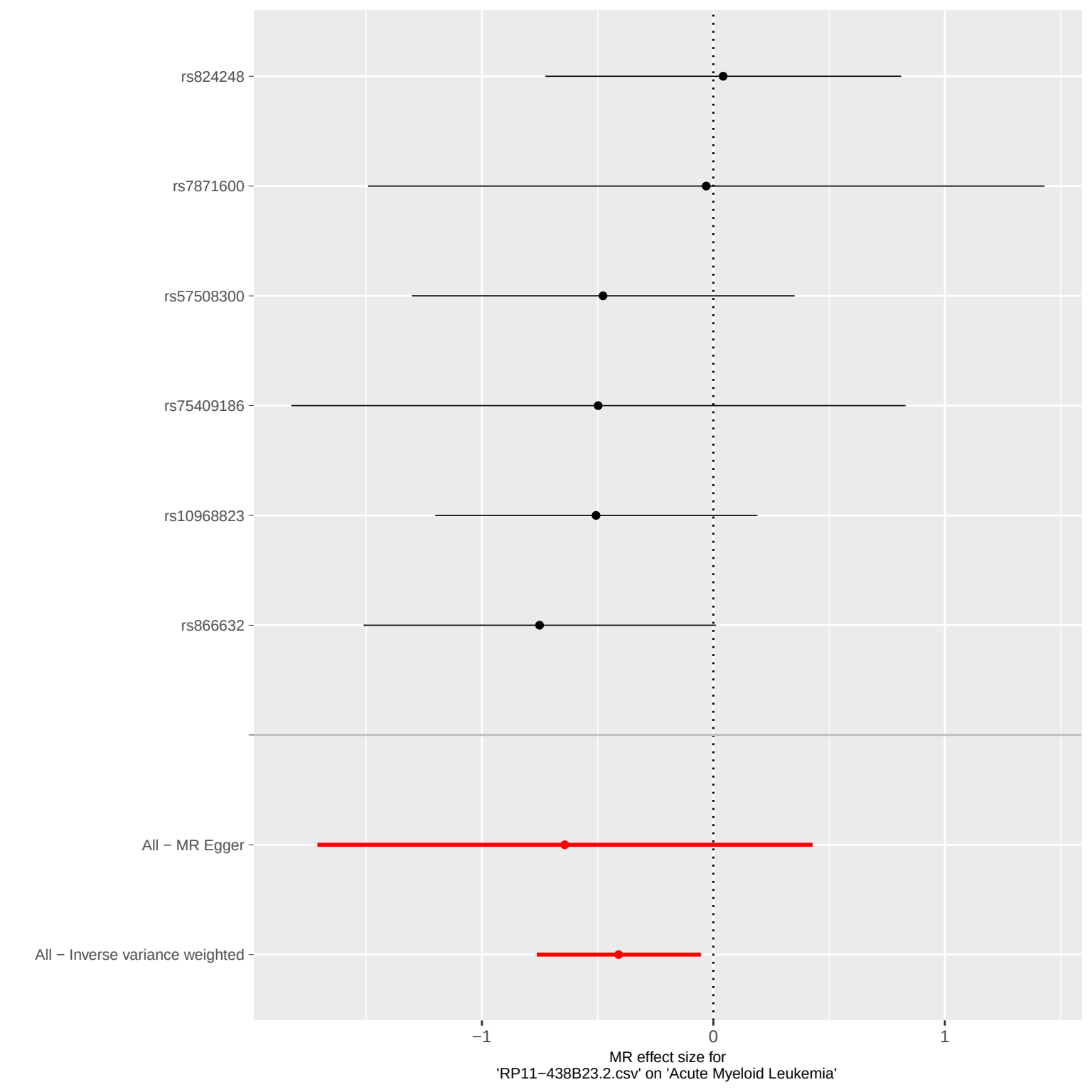
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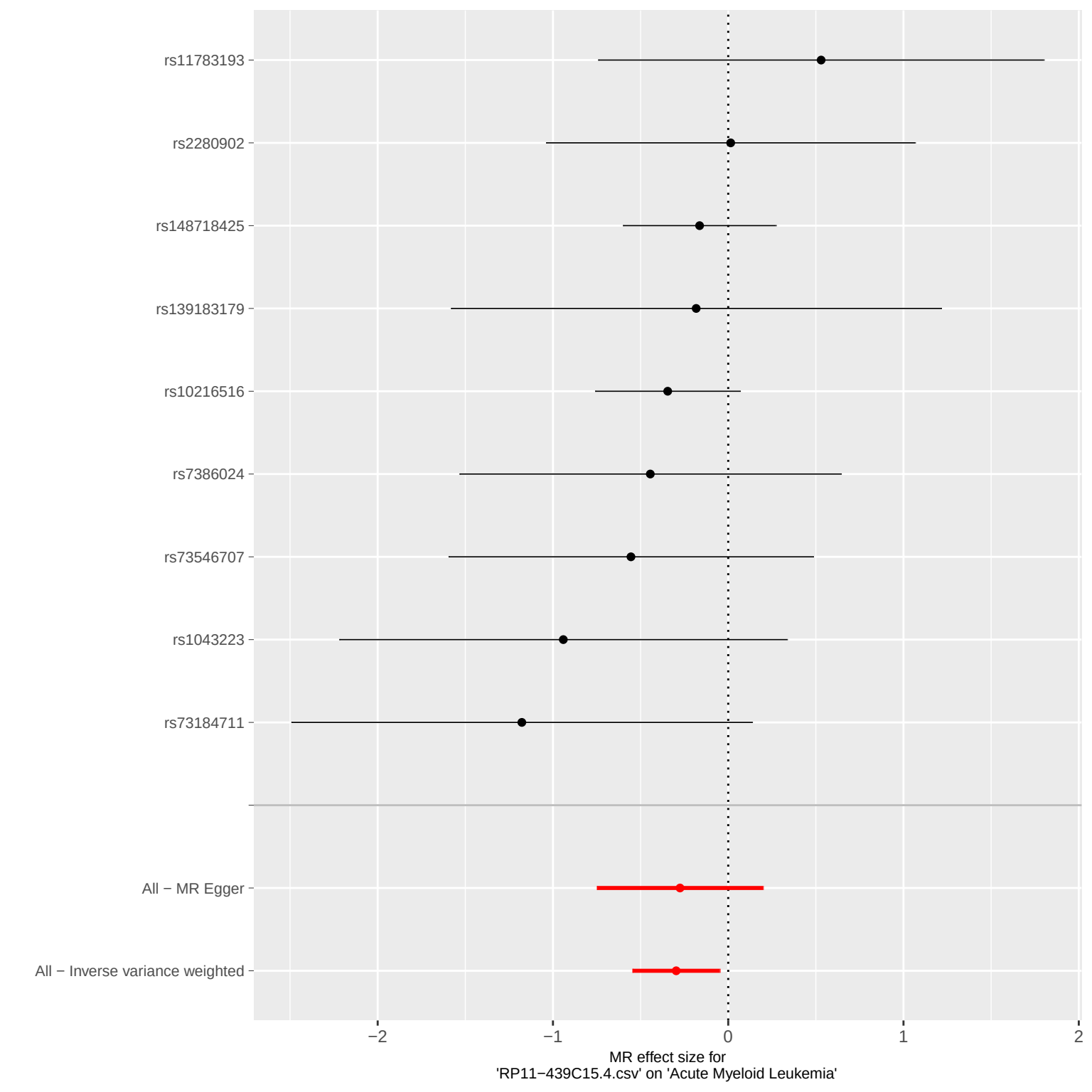
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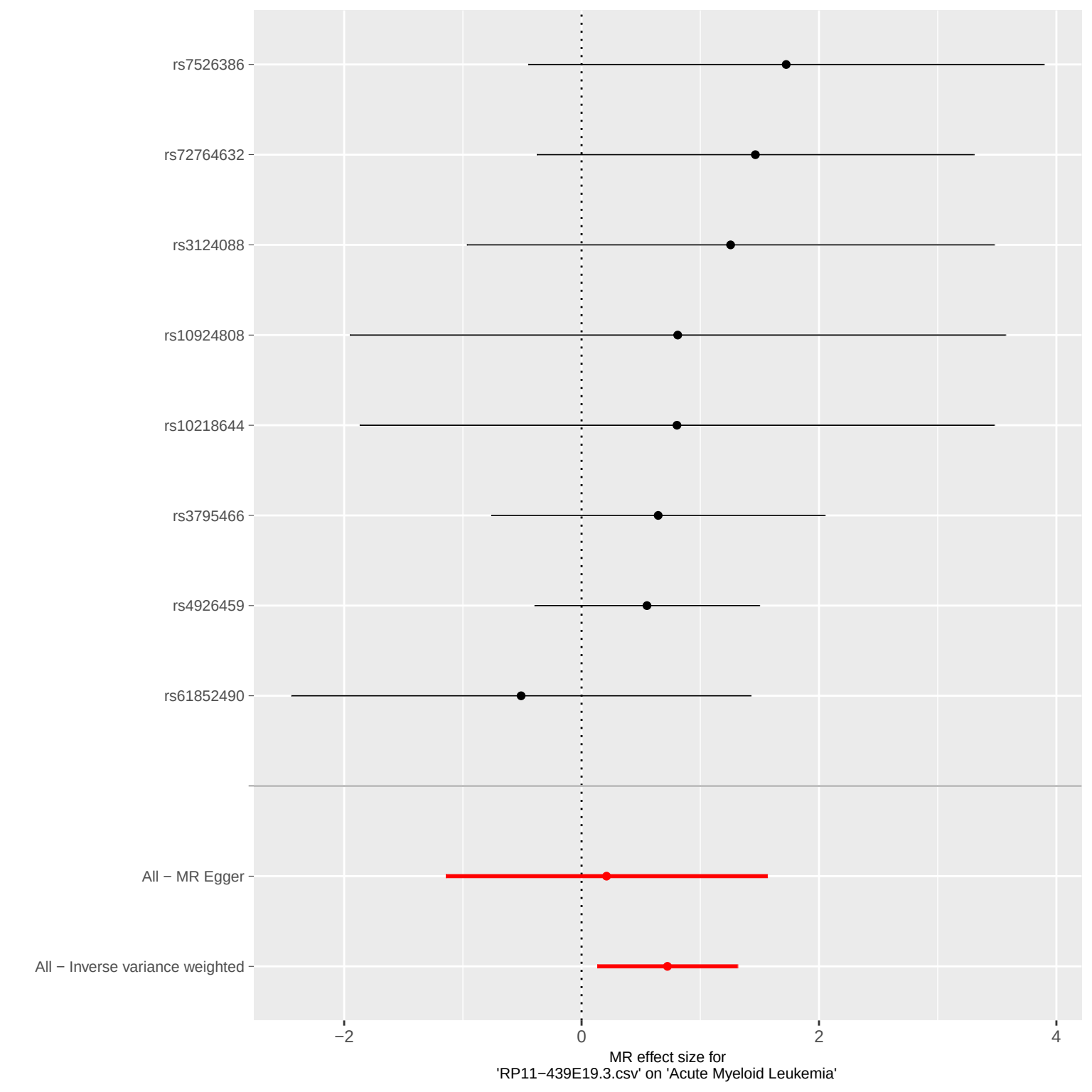
MR effect size for
'RP11−439C15.4.csv' on 'Acute Myeloid Leukemia'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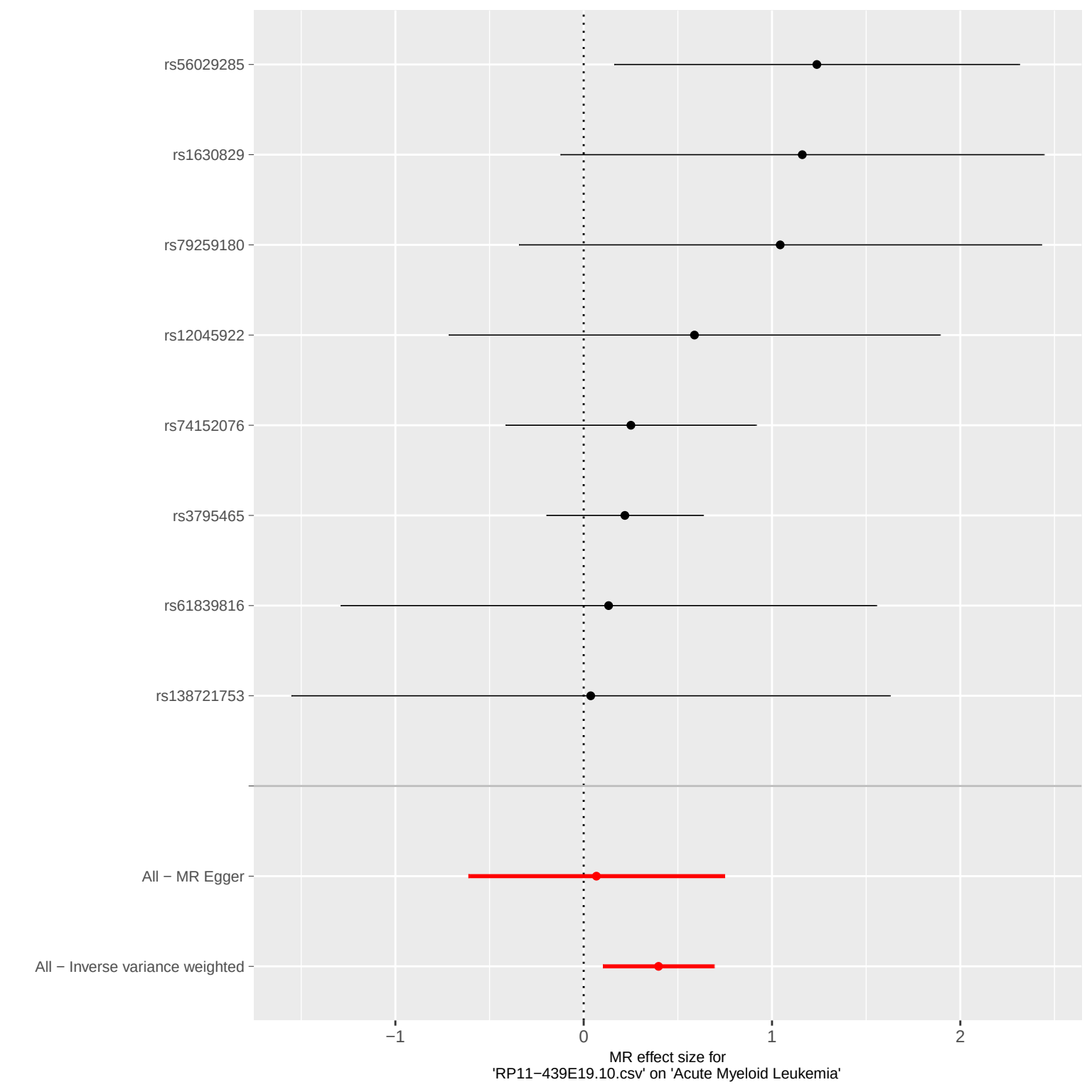
MR effect size for
'RP11−439E19.3.csv' on 'Acute Myeloid Leukemia'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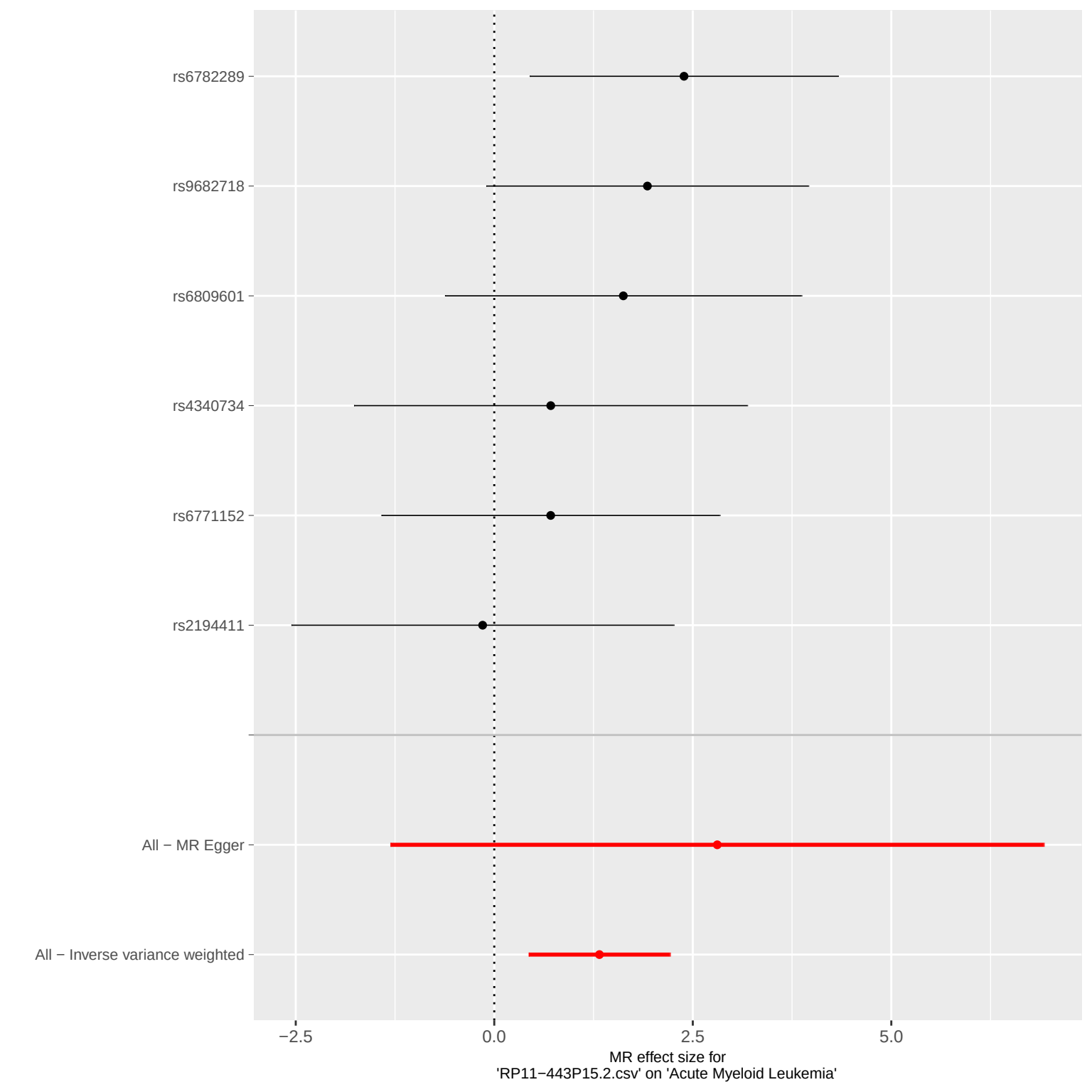
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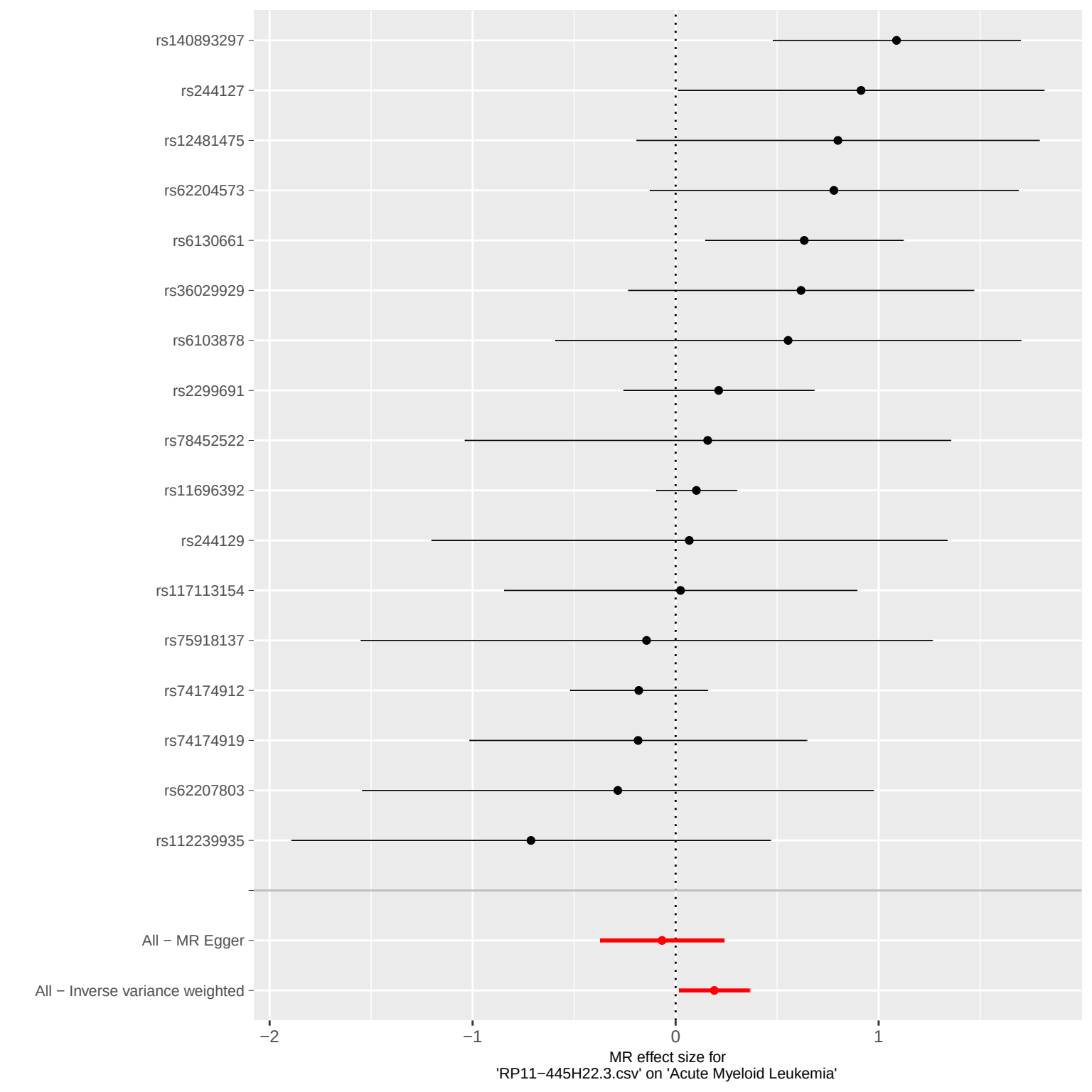
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MR effect size for
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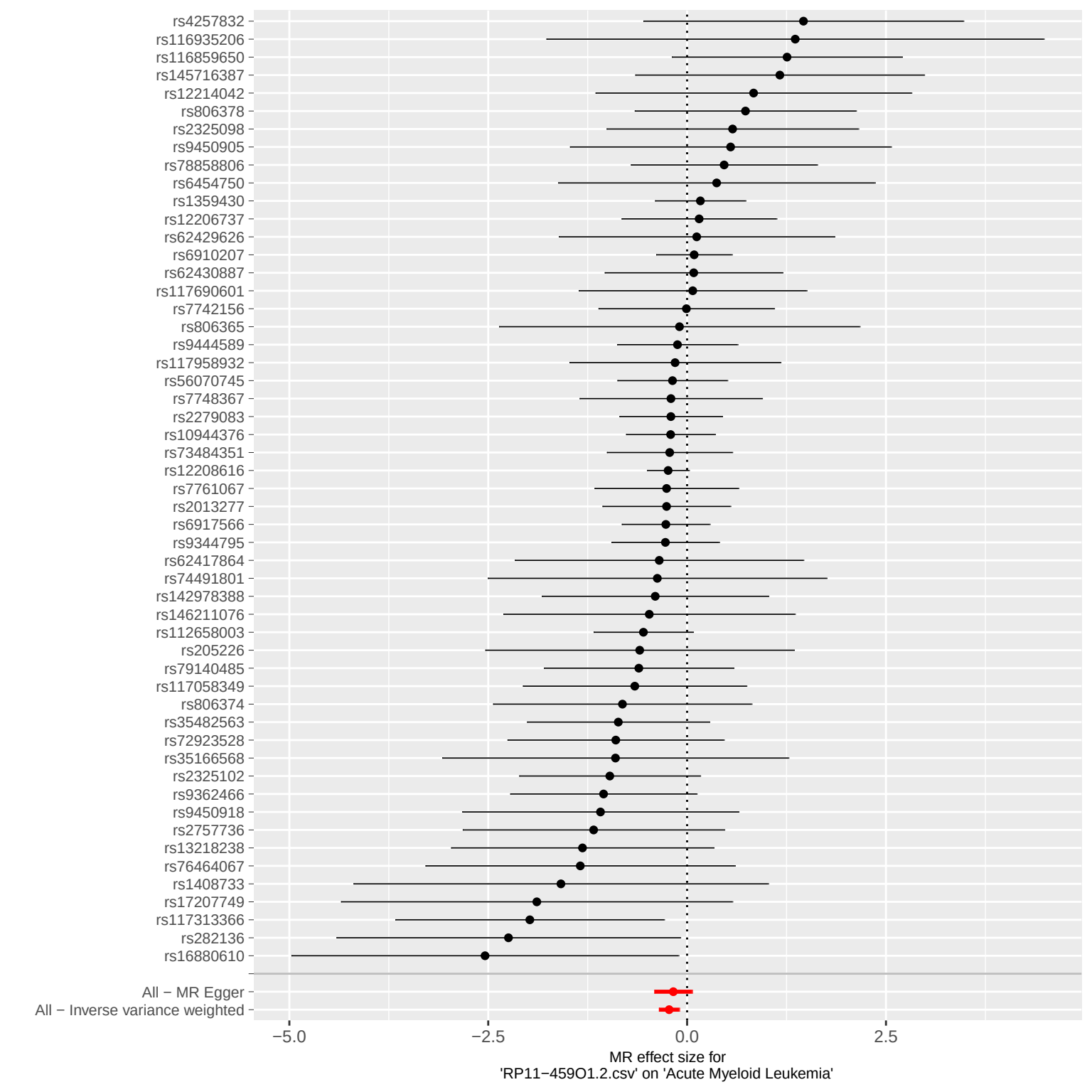
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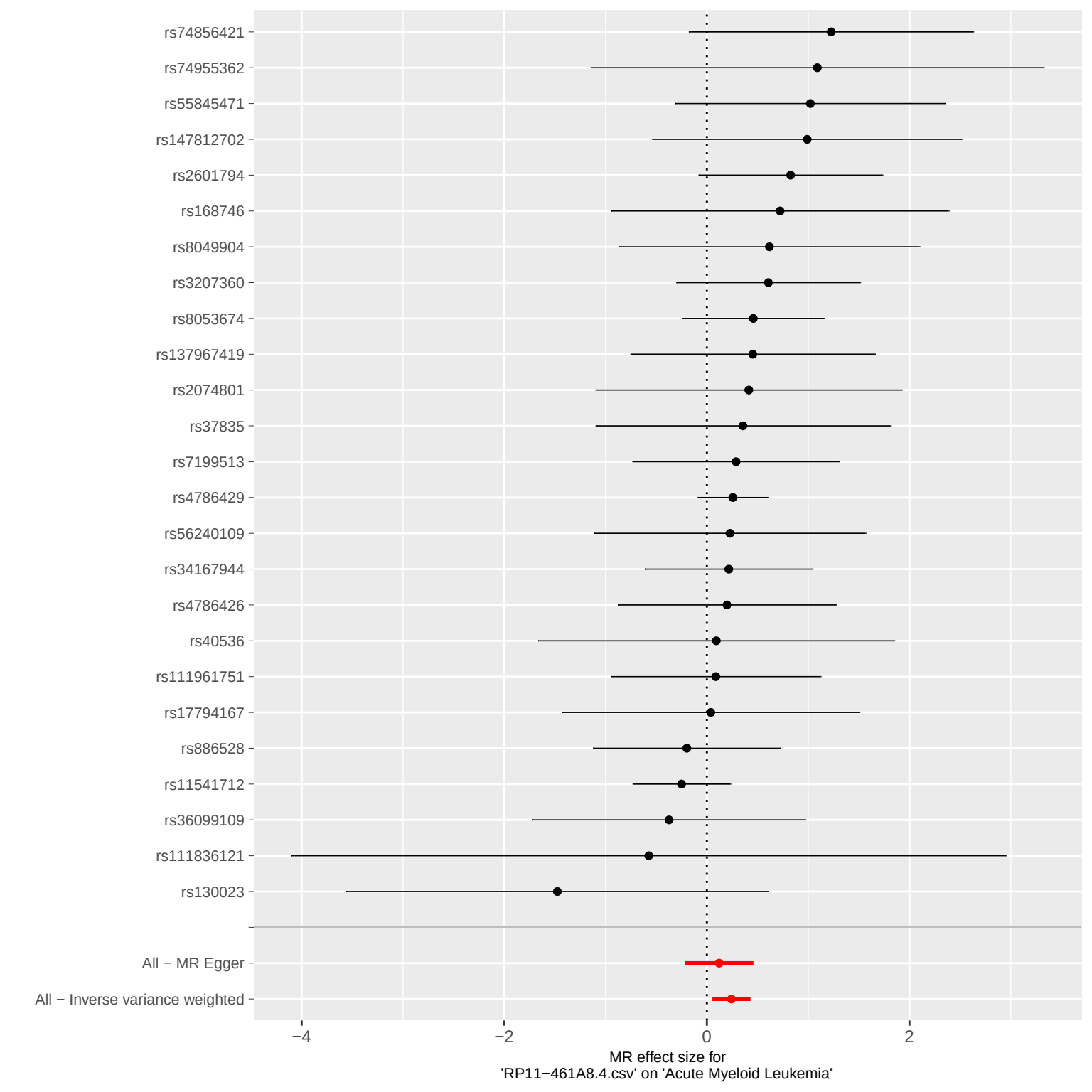
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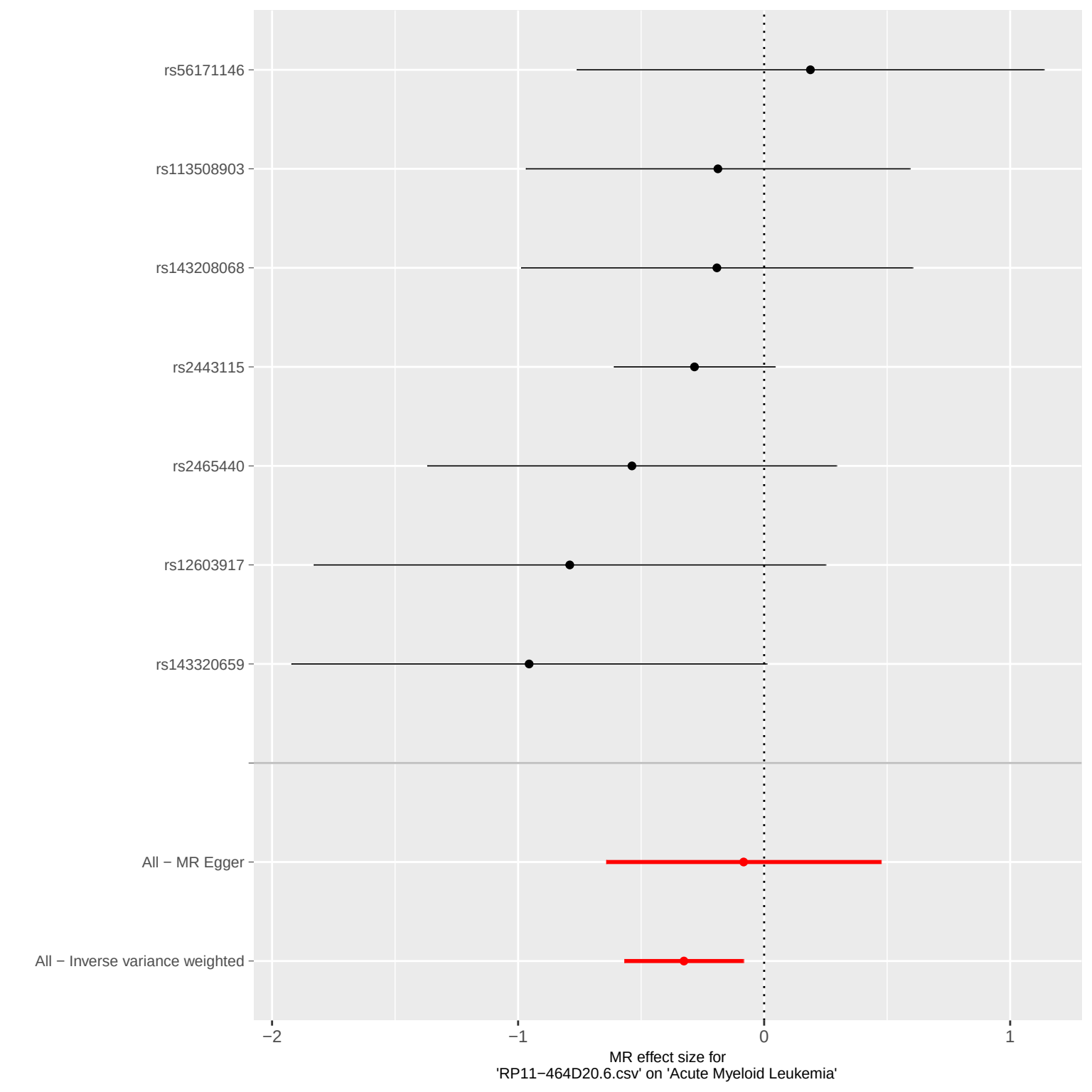
'RP11−461A8.4.csv' on 'Acute Myeloid Leukemia'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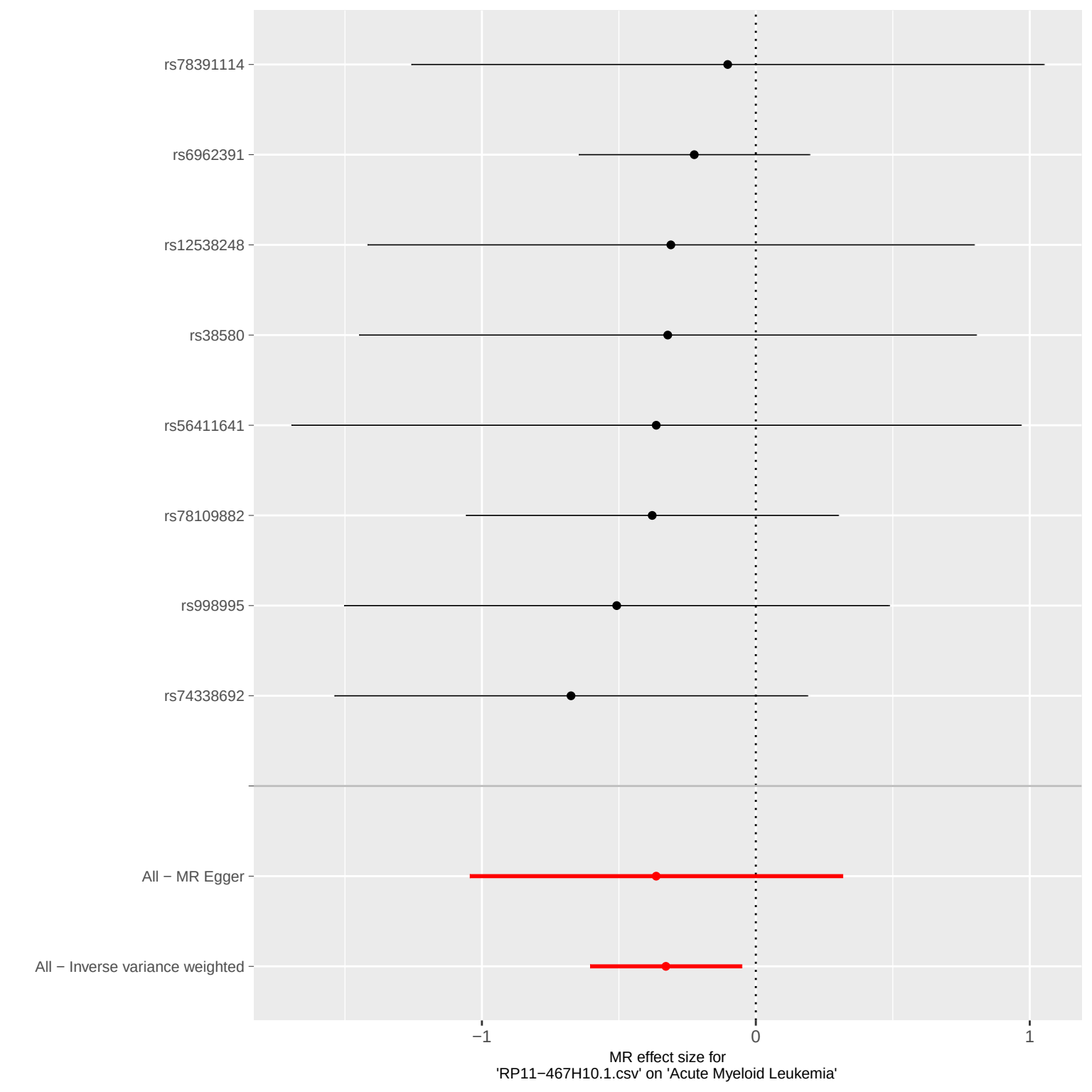
MR effect size for
'RP11−464D20.6.csv' on 'Acute Myeloid Leukemia'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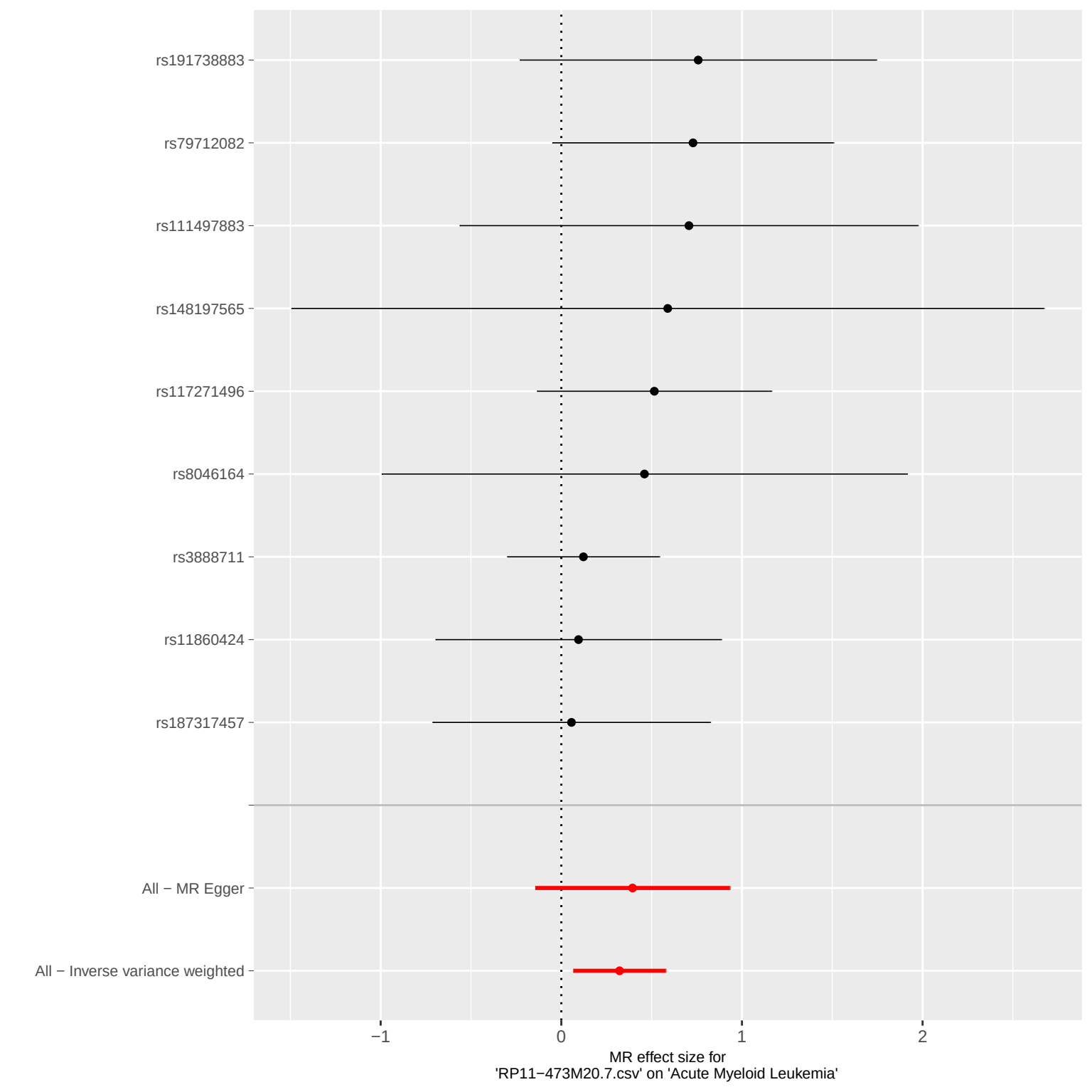
'RP11−467H10.1.csv' on 'Acute Myeloid Leukemia'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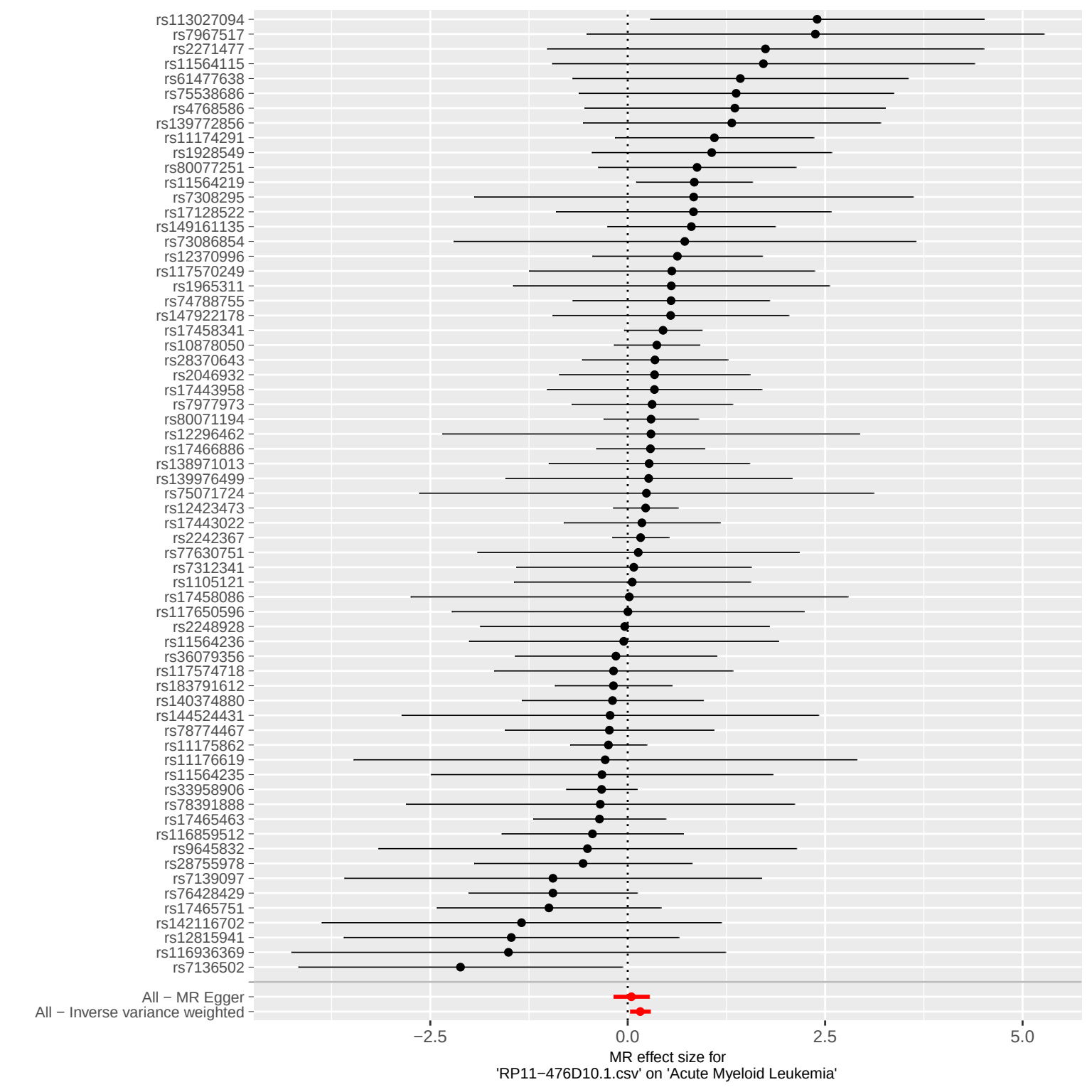
'RP11−473M20.7.csv' on 'Acute Myeloid Leukemia'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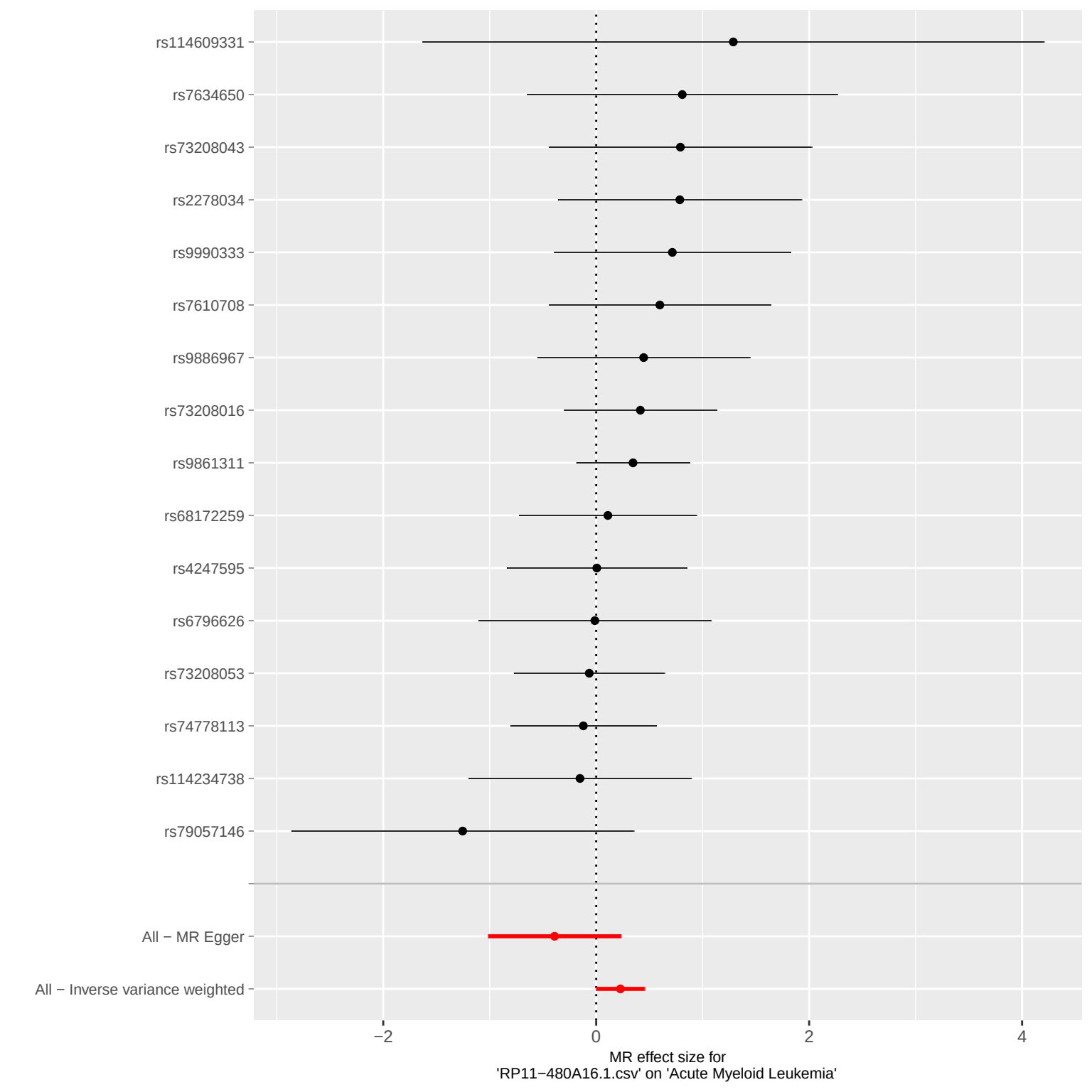
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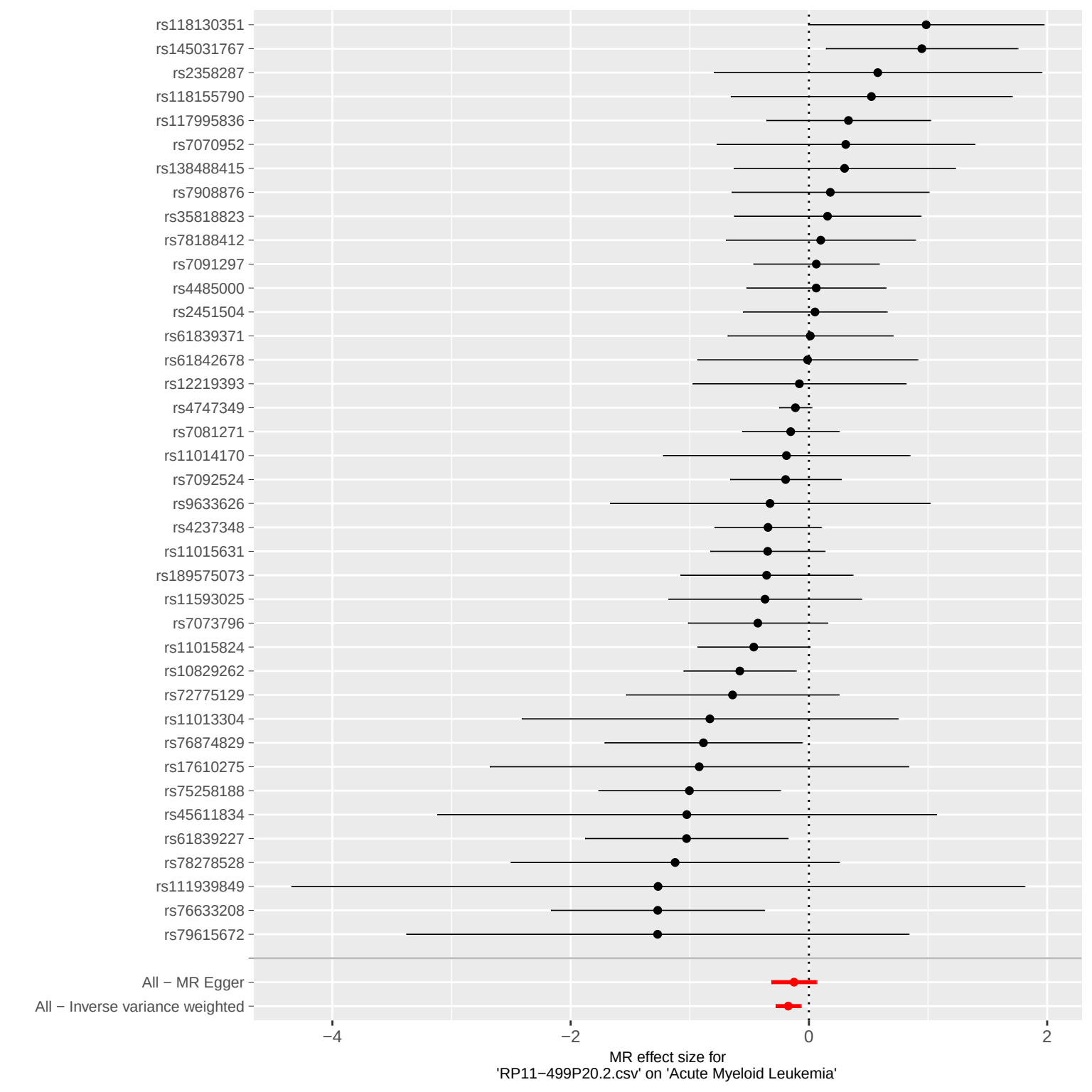
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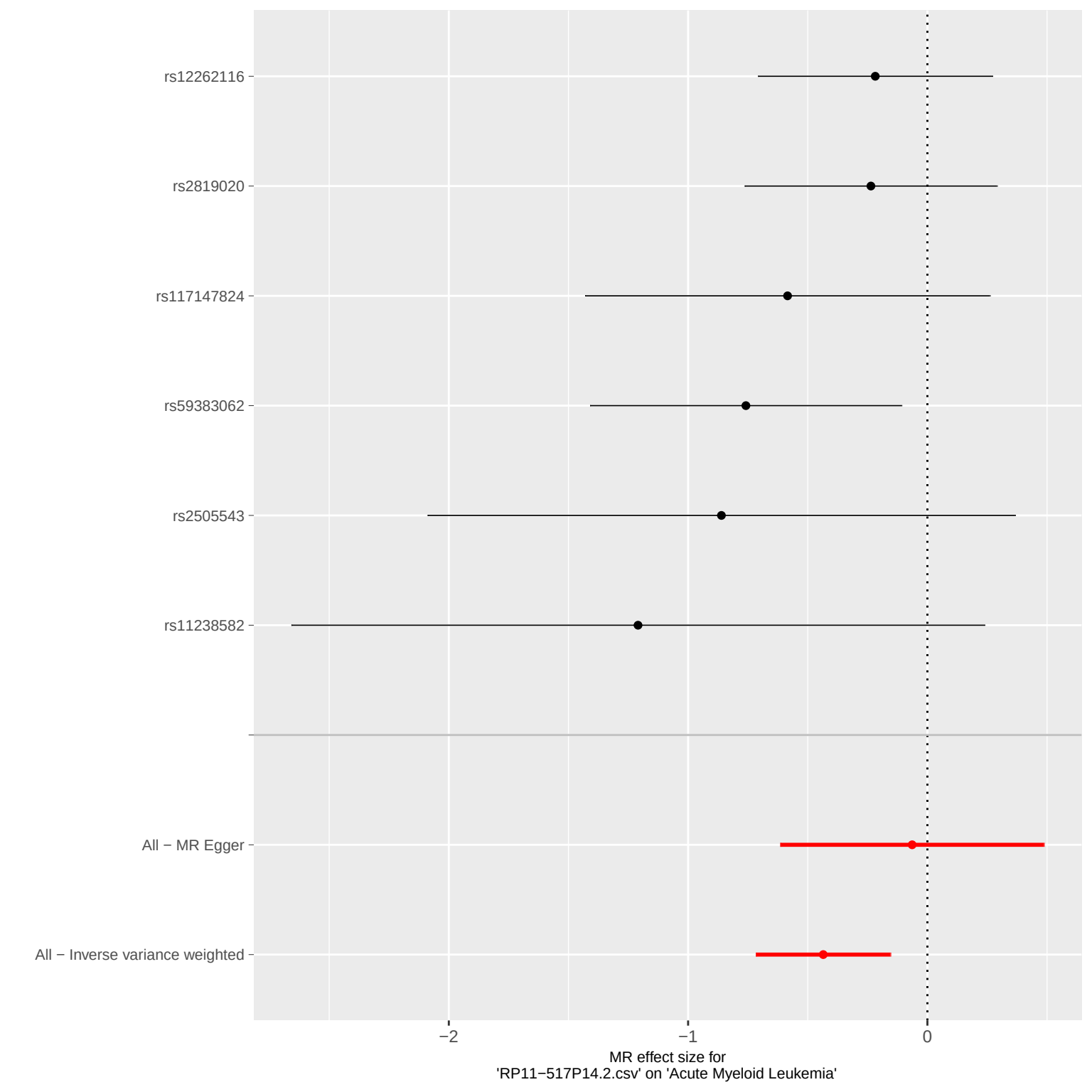
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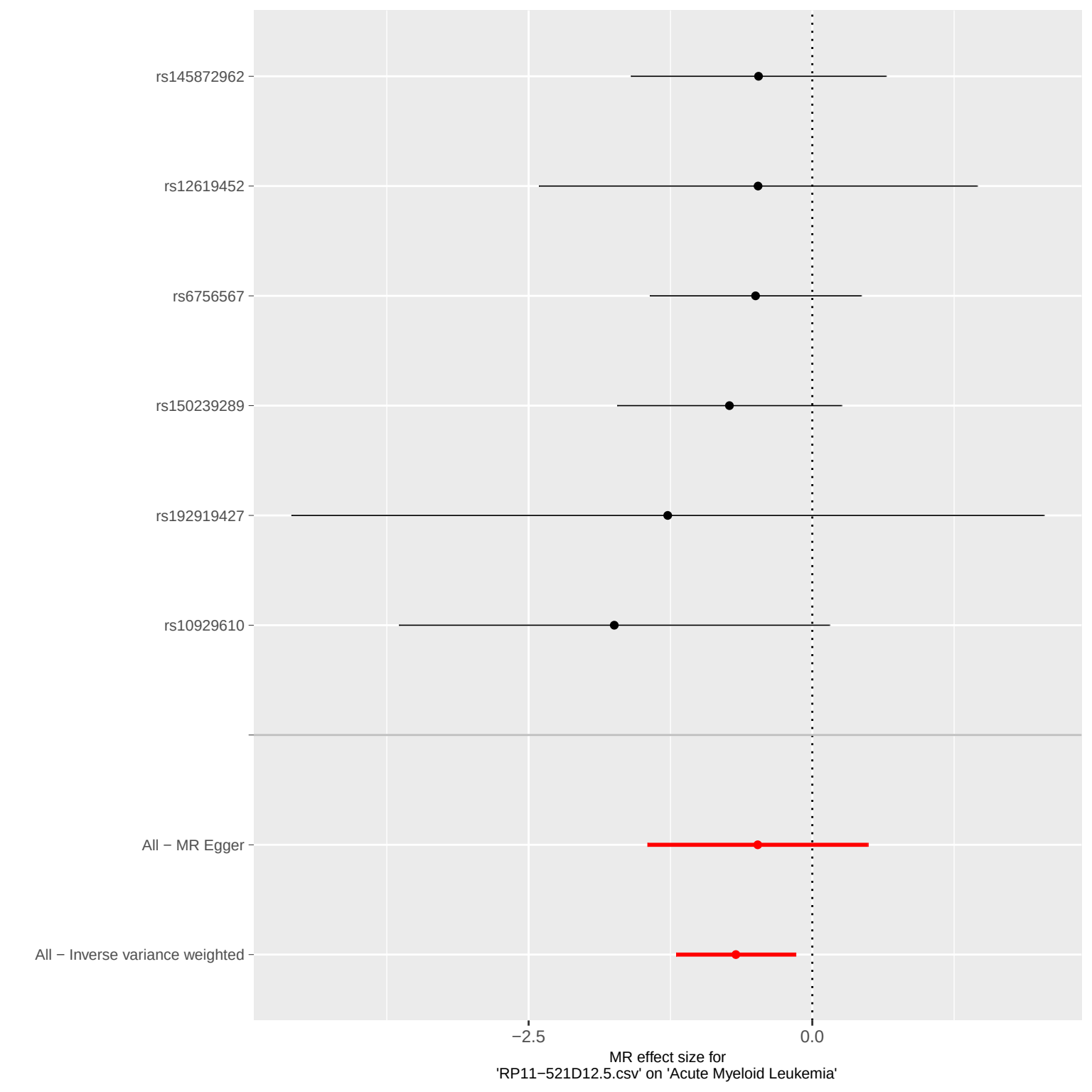
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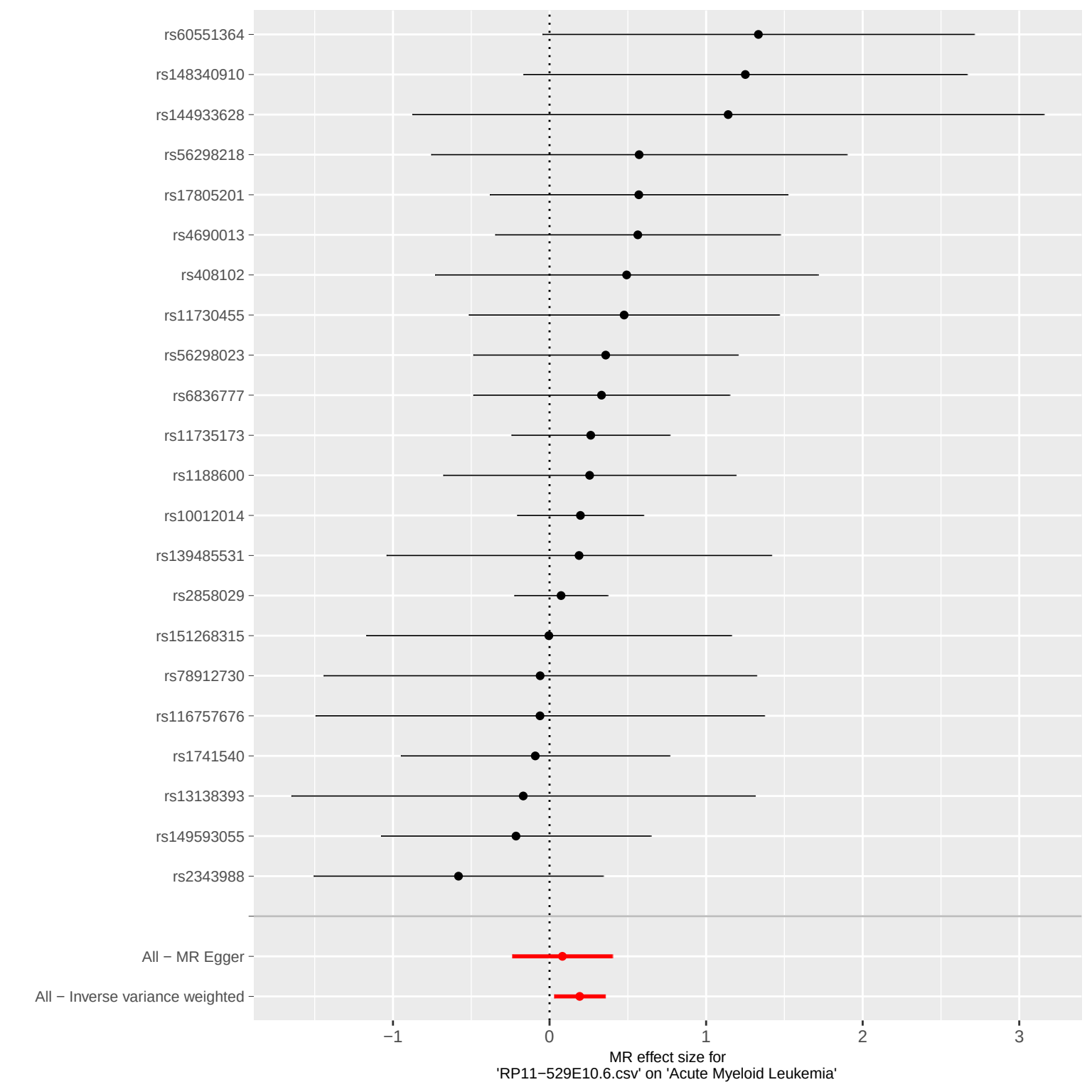
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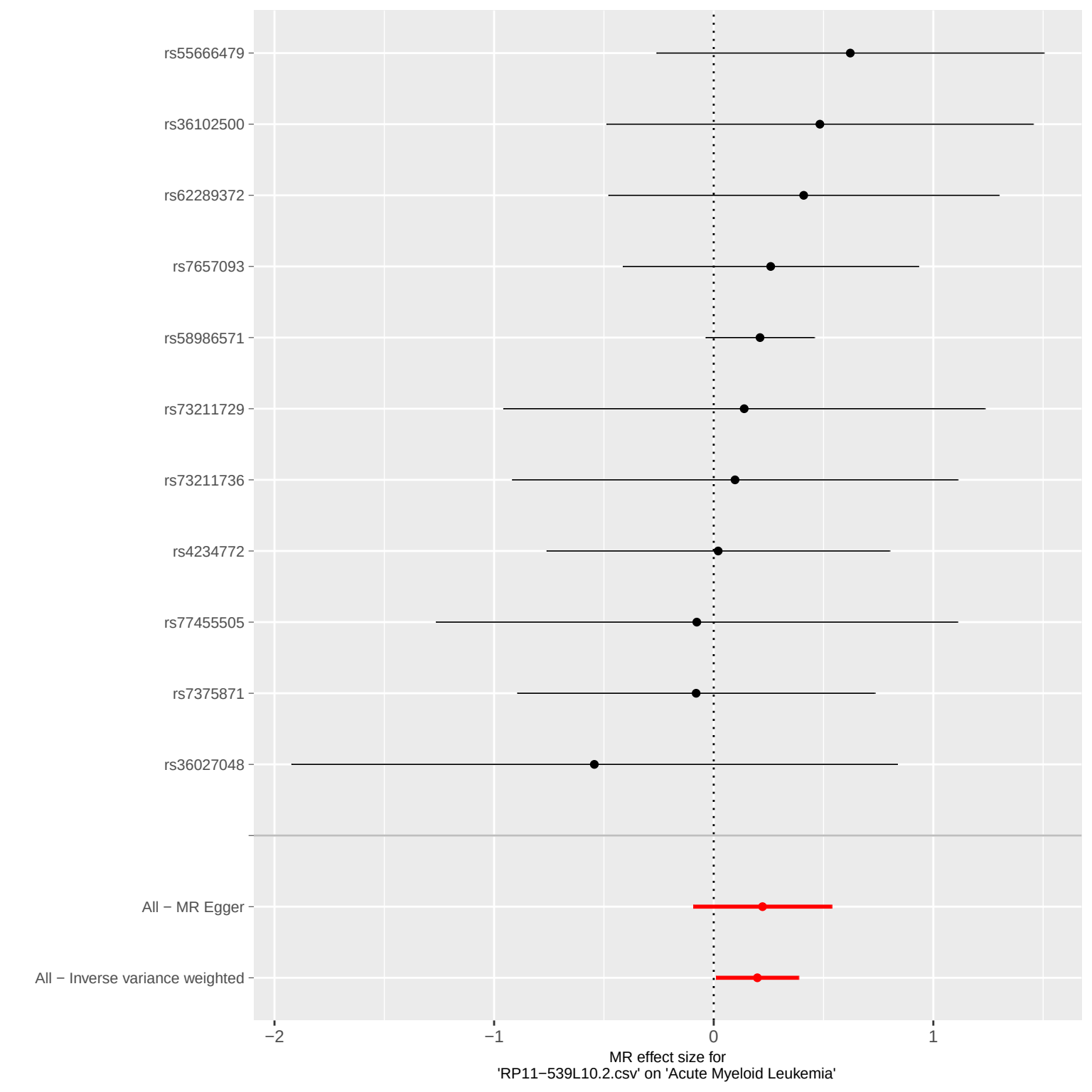
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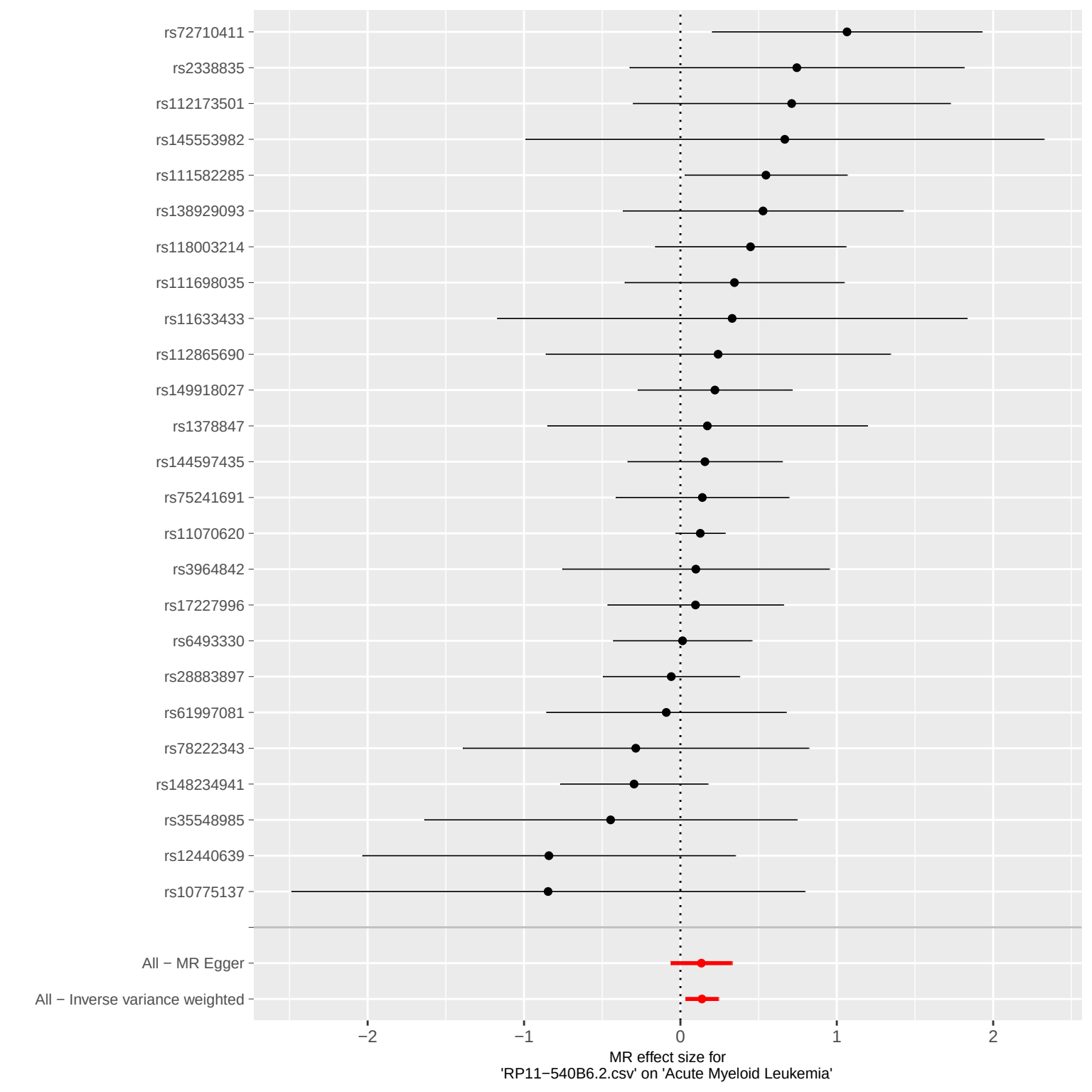
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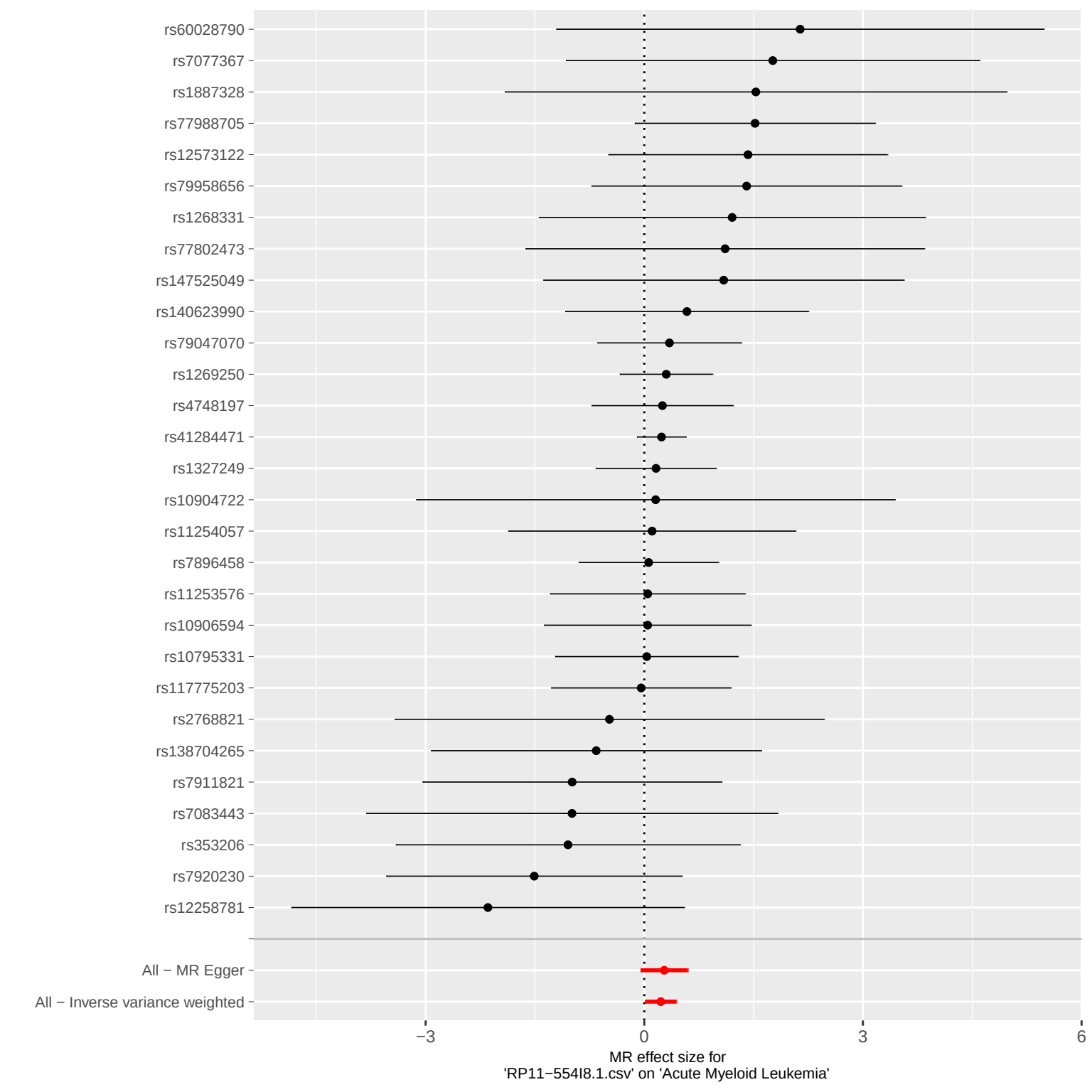
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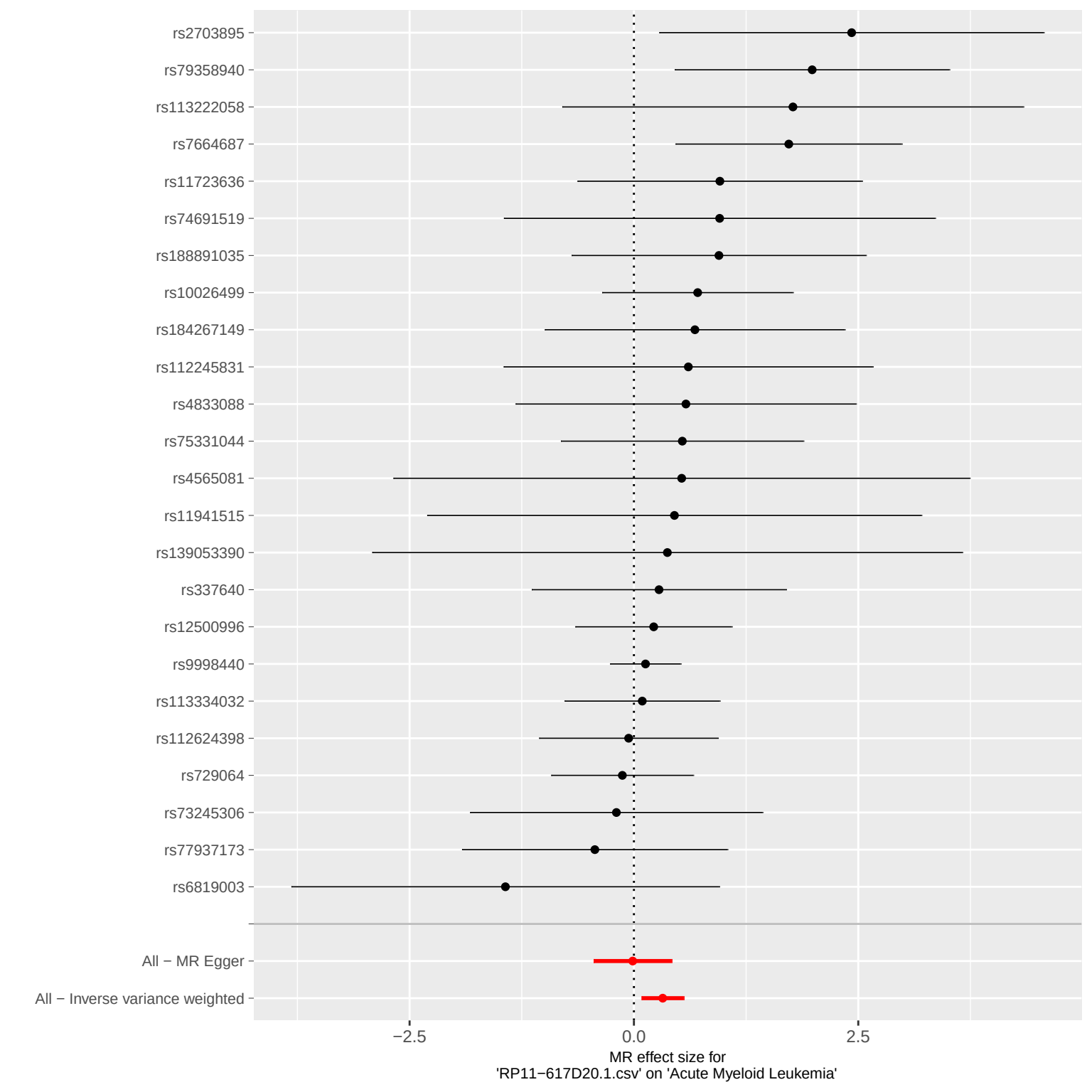
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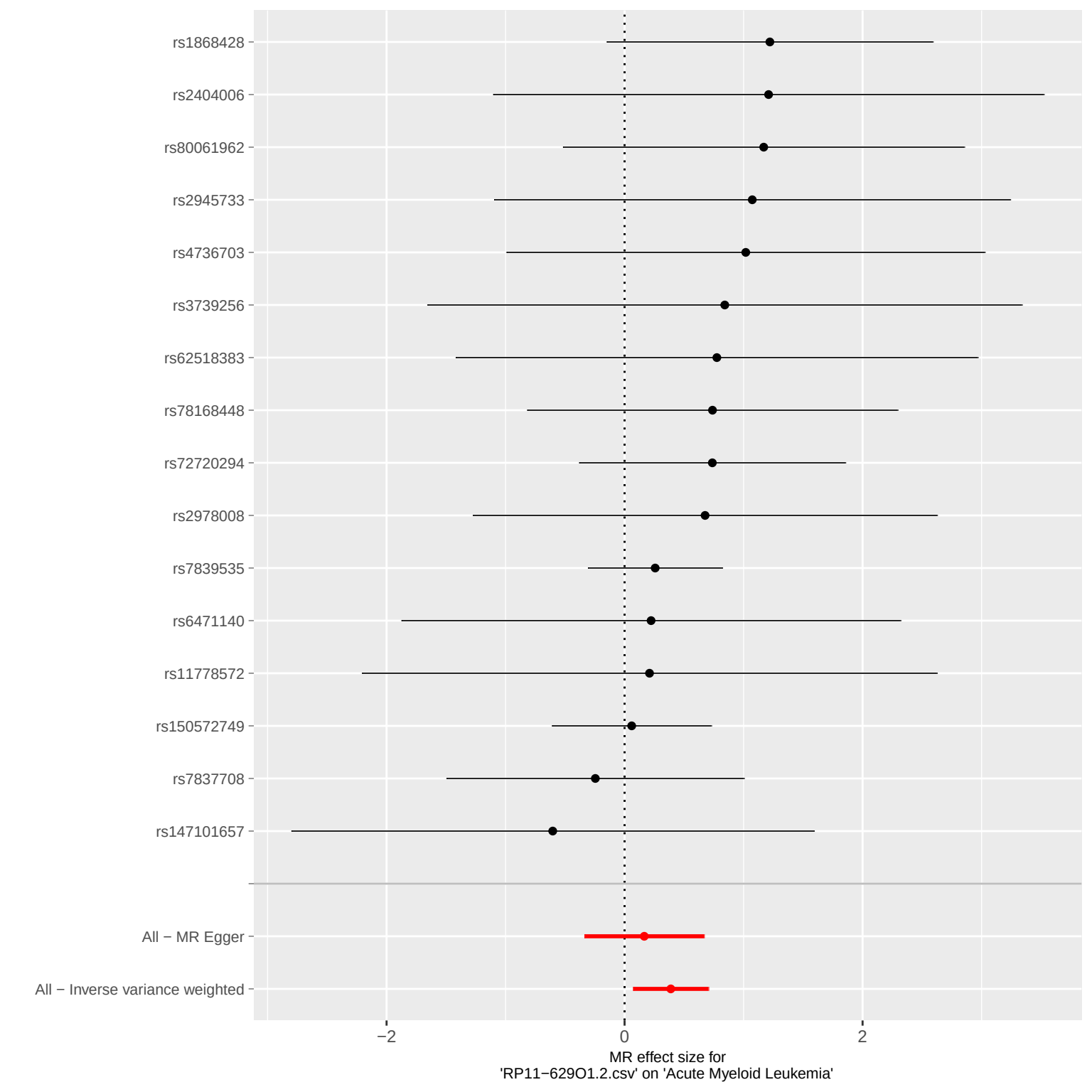
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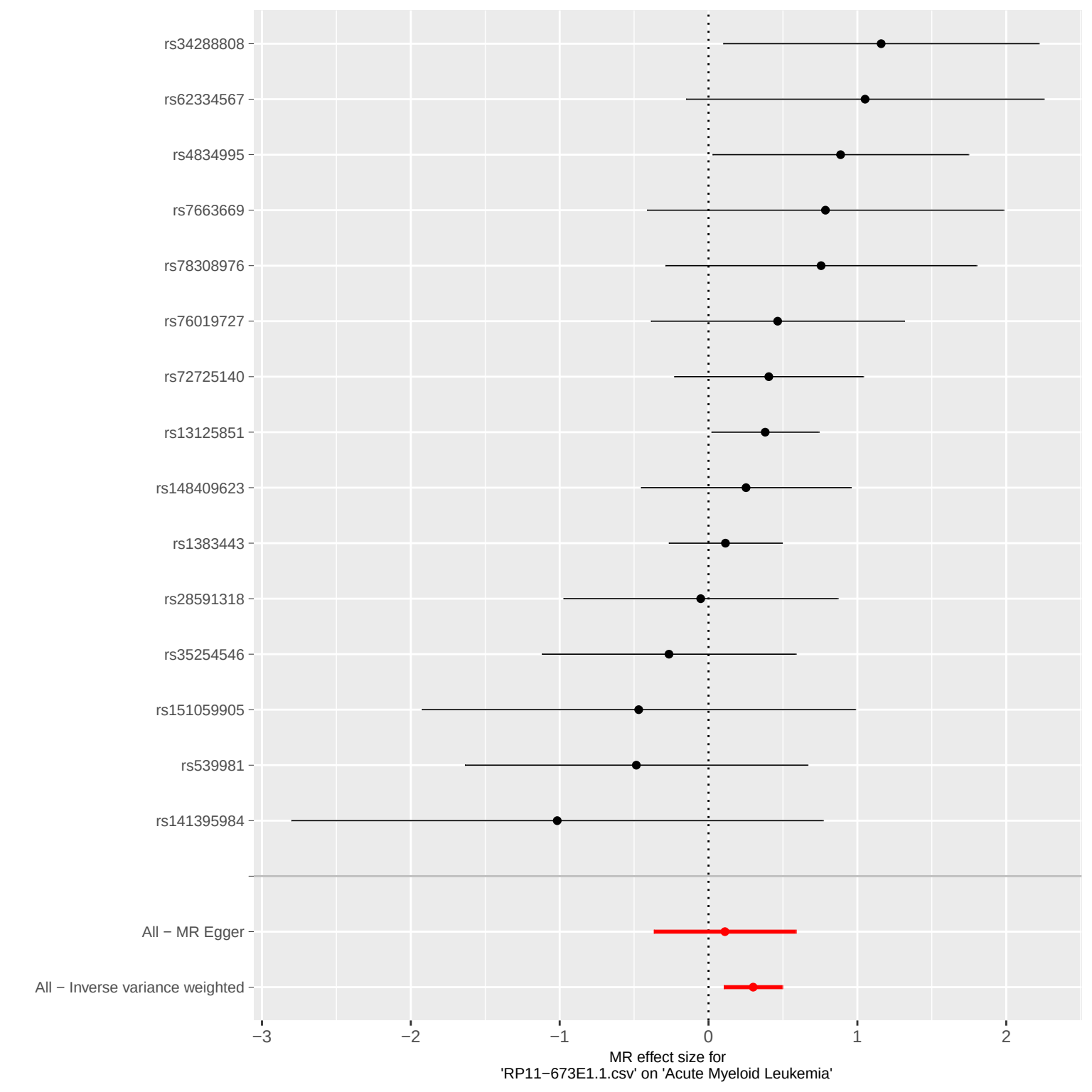
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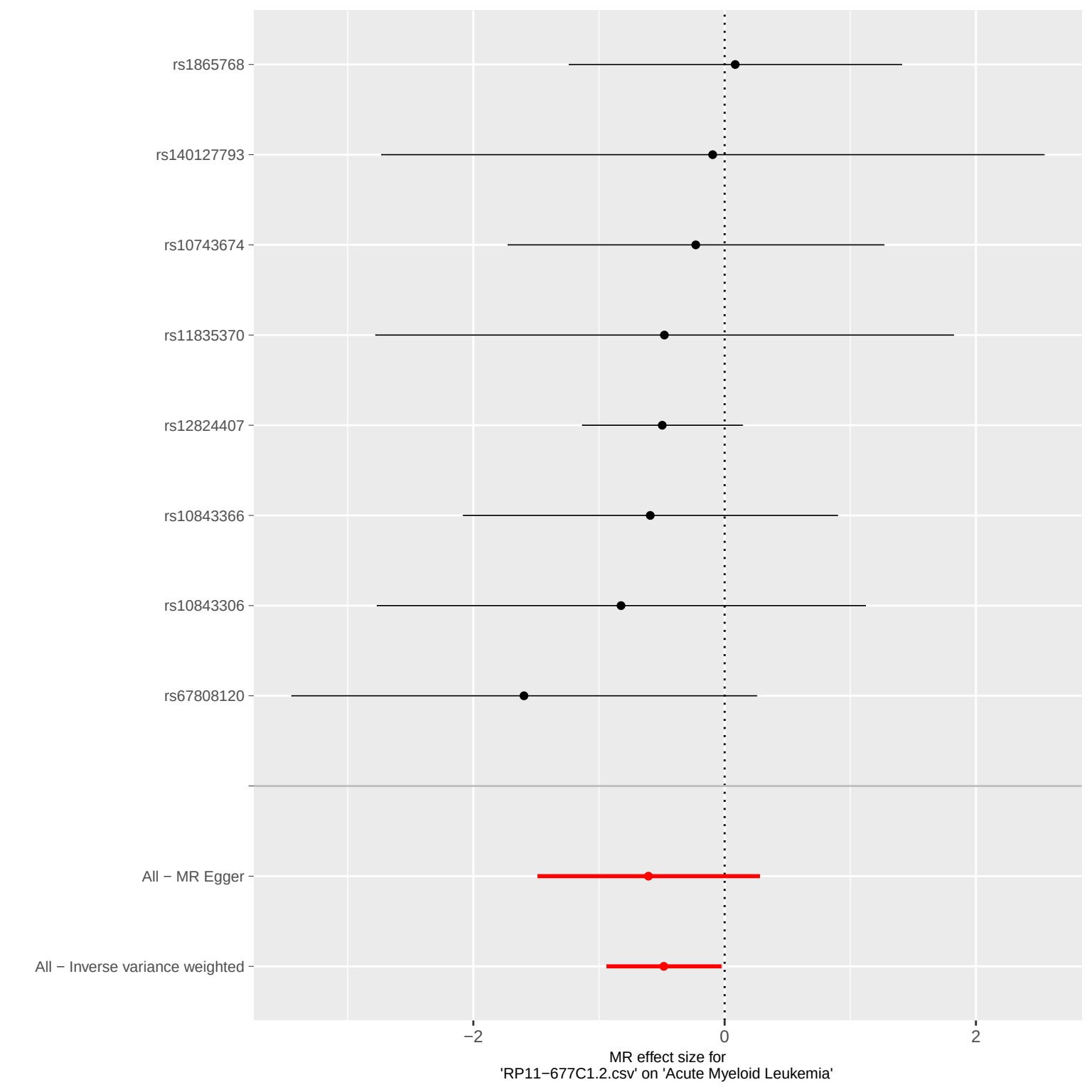
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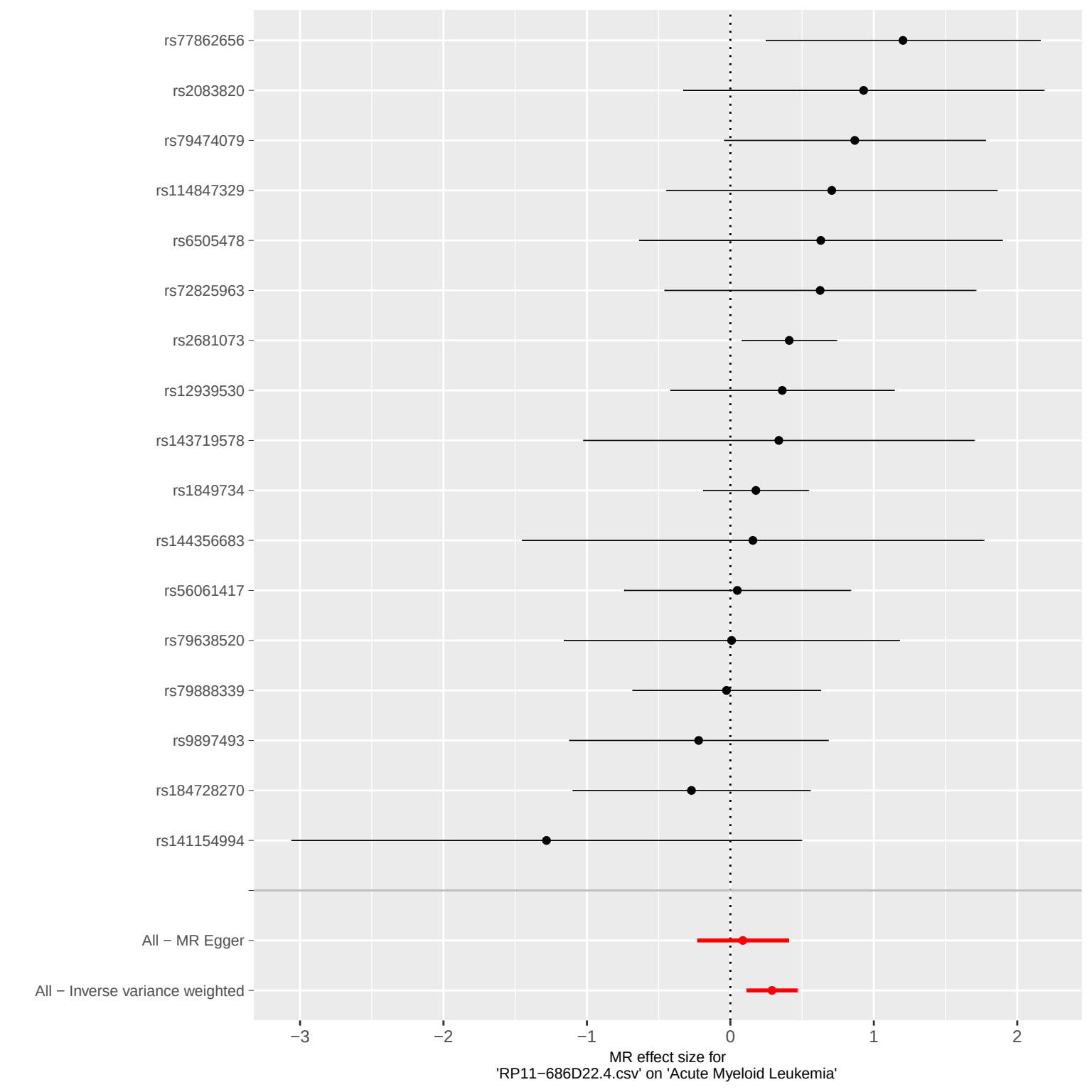
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MR effect size for
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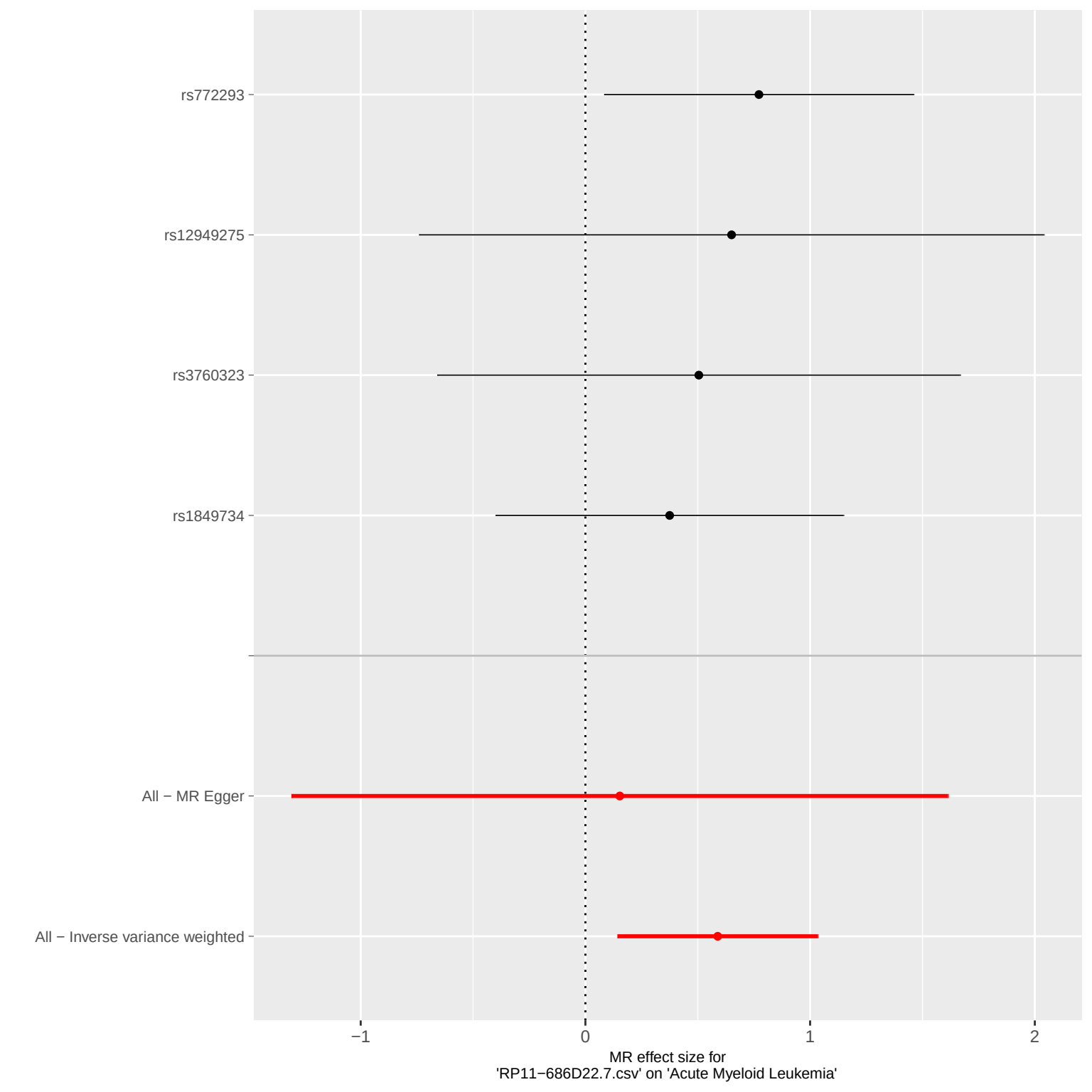
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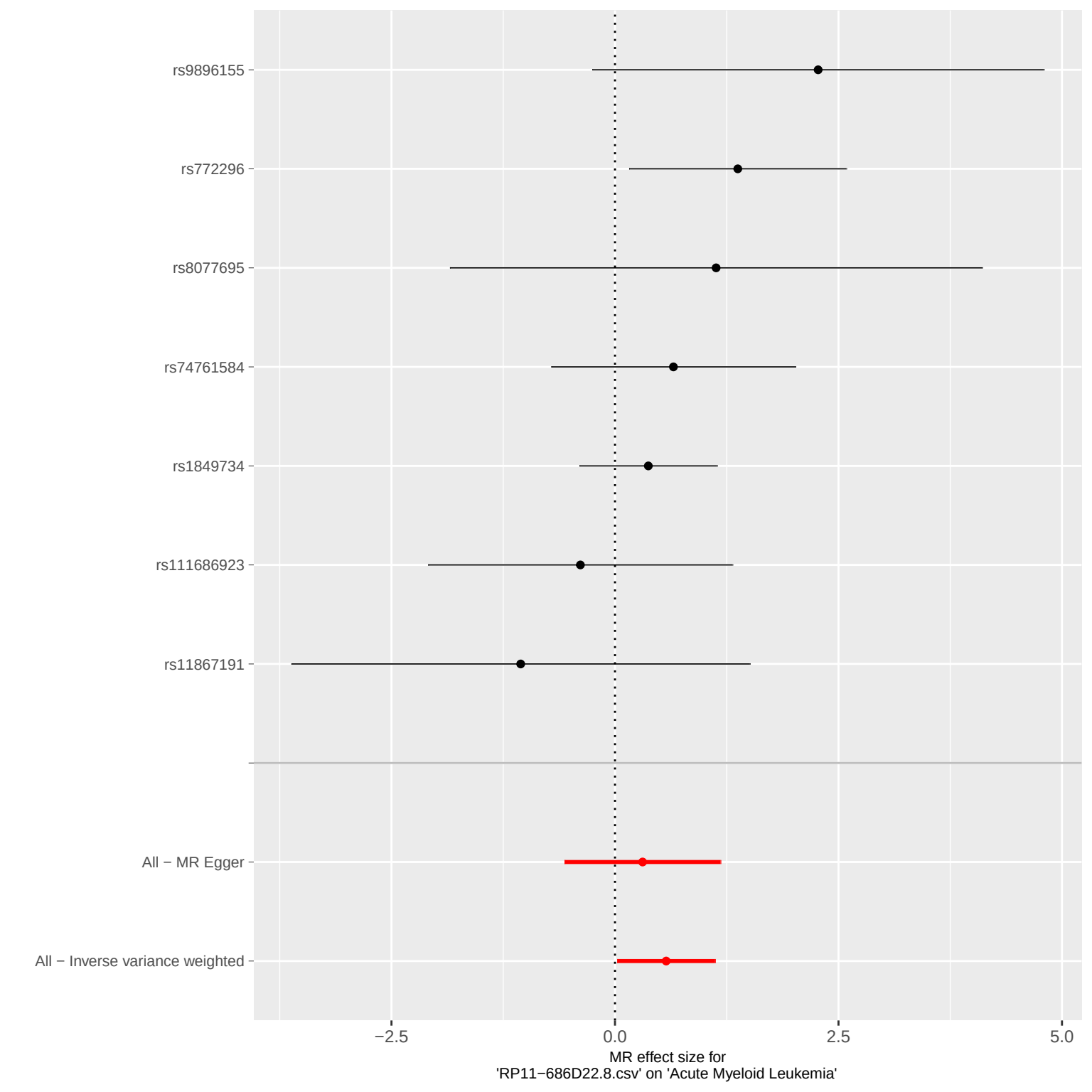
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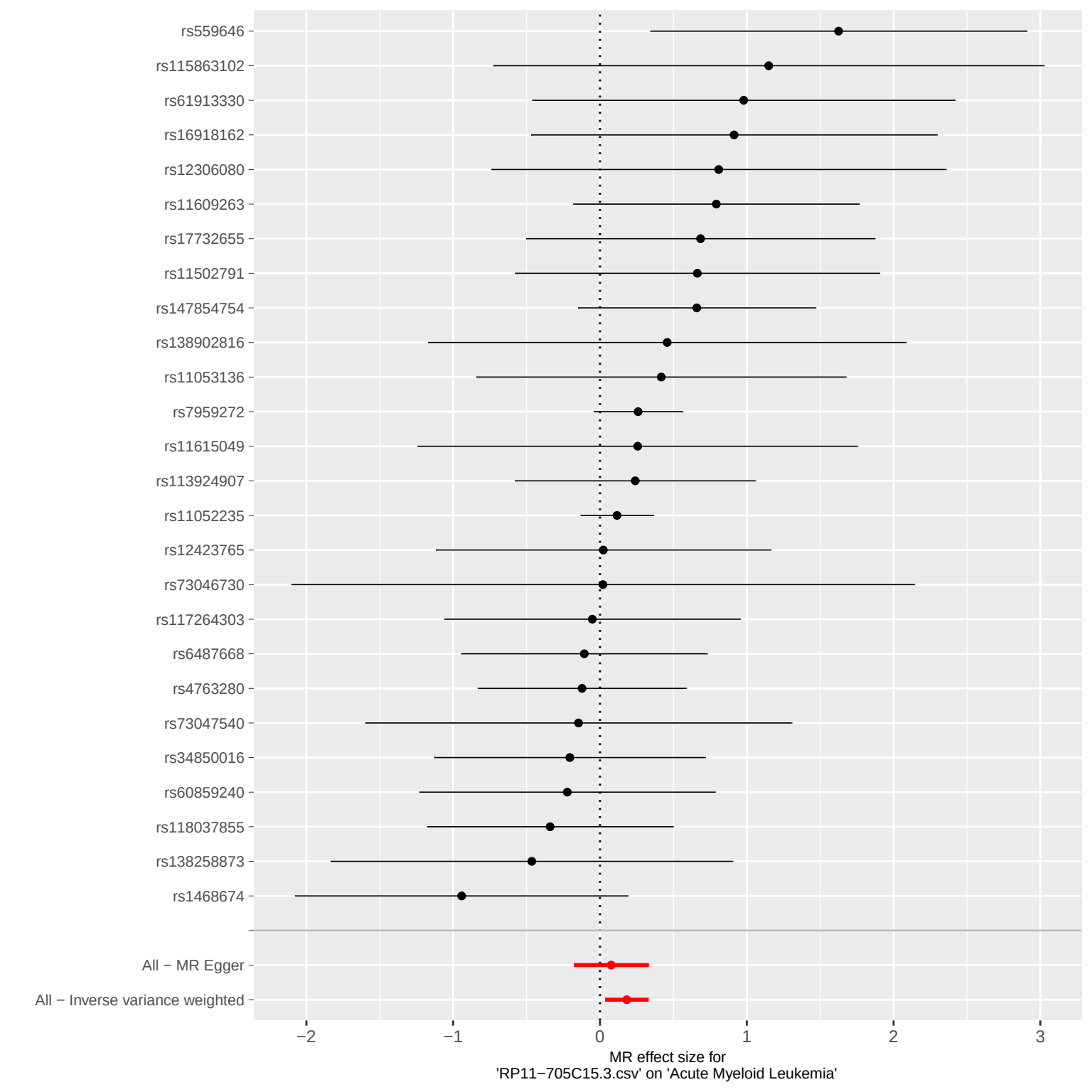
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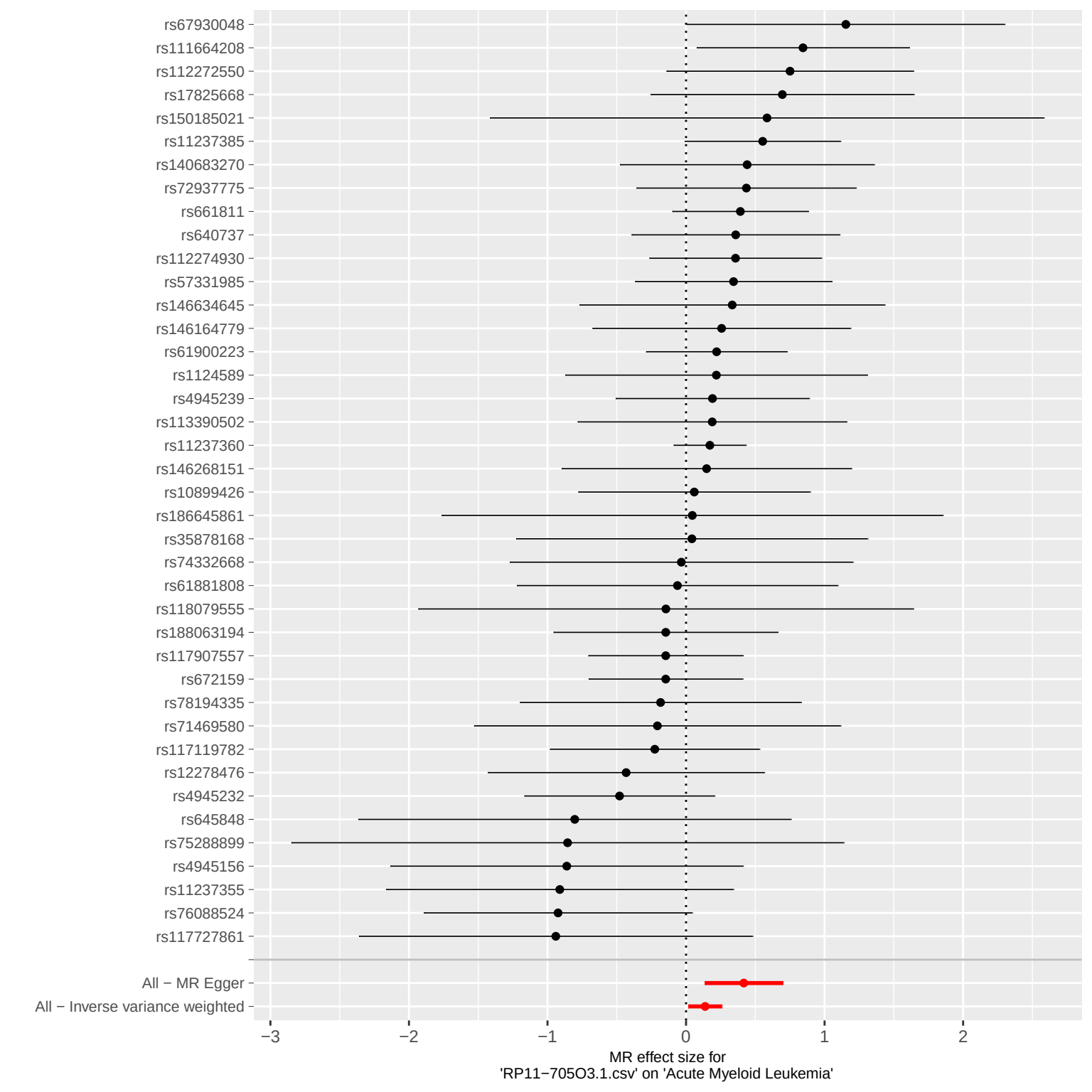
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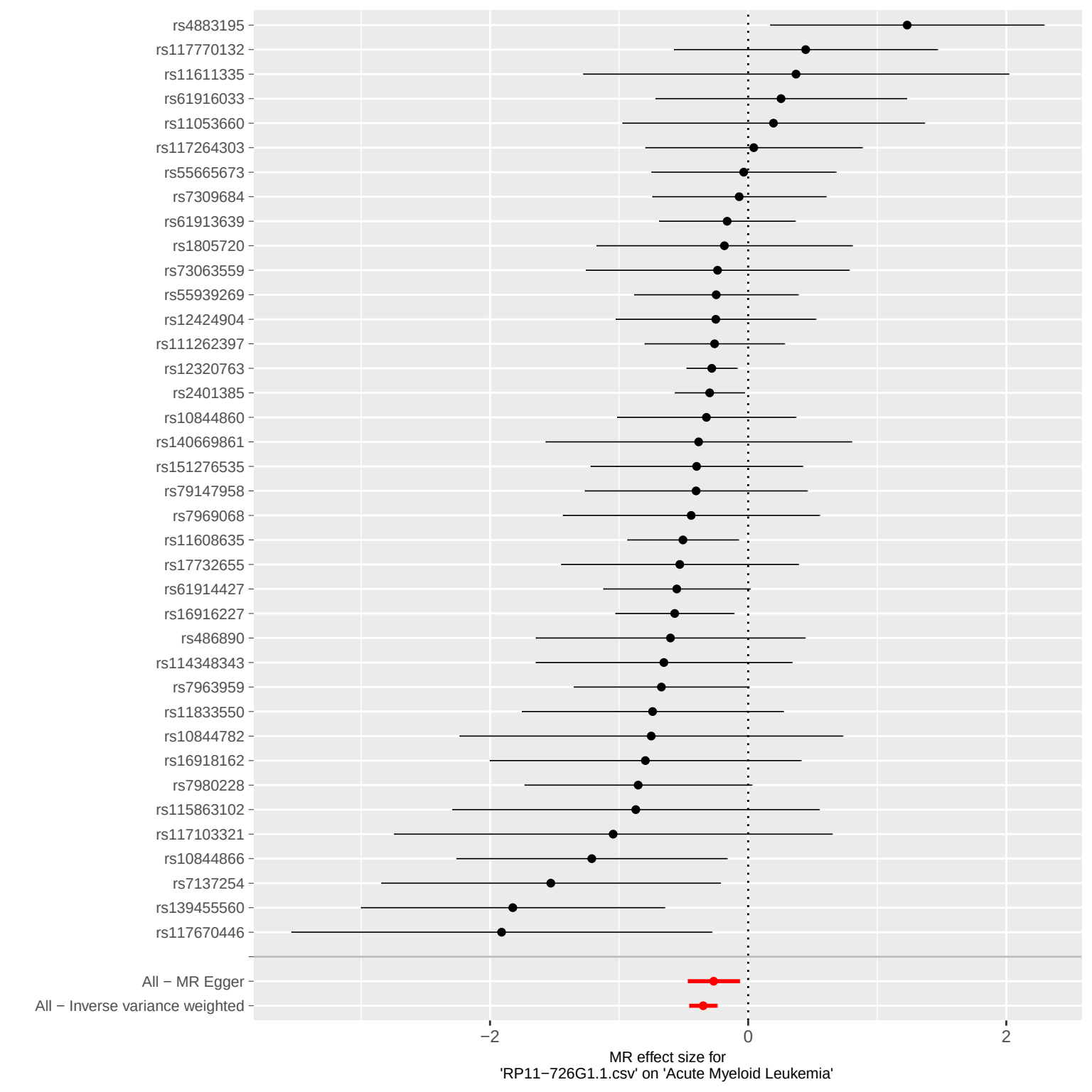
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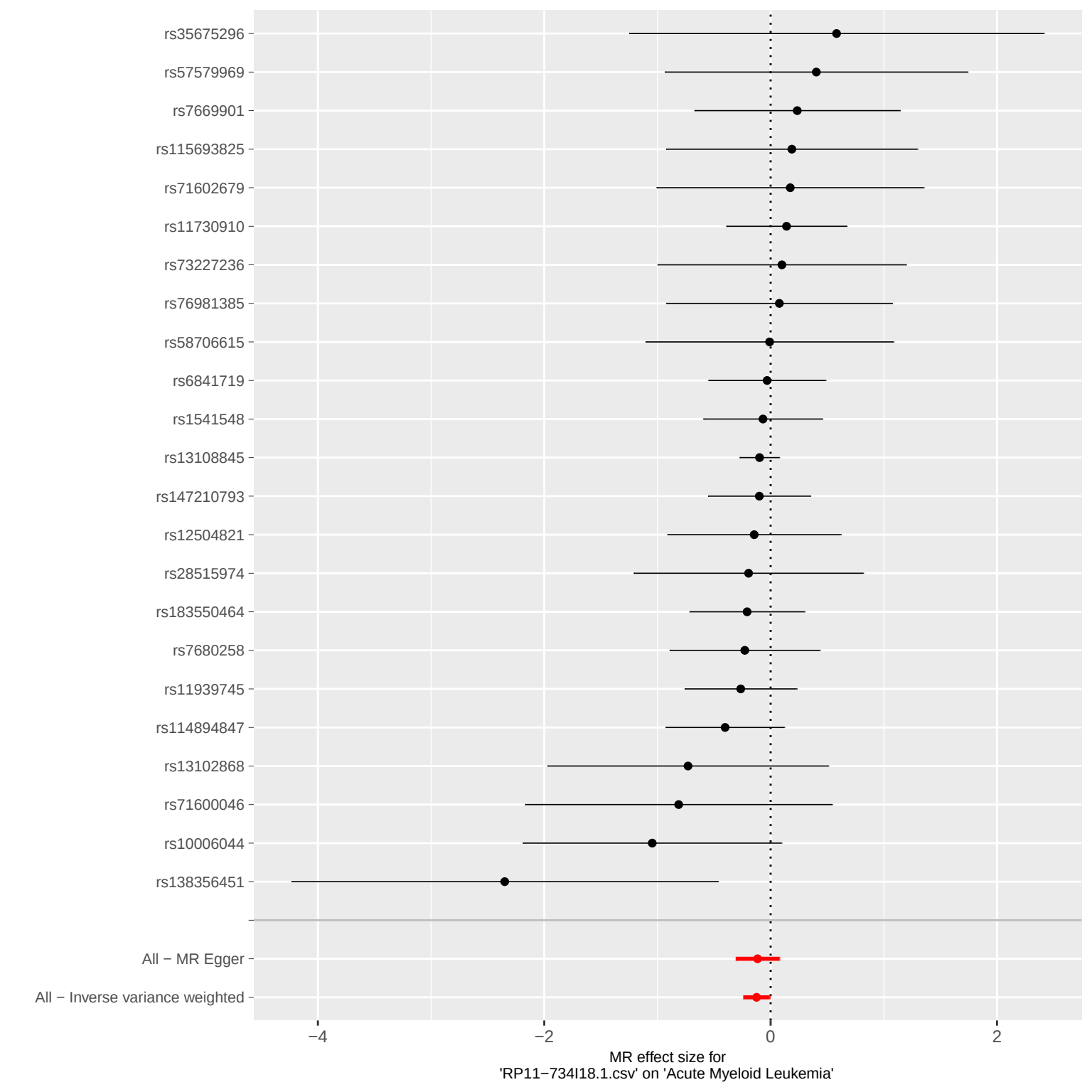
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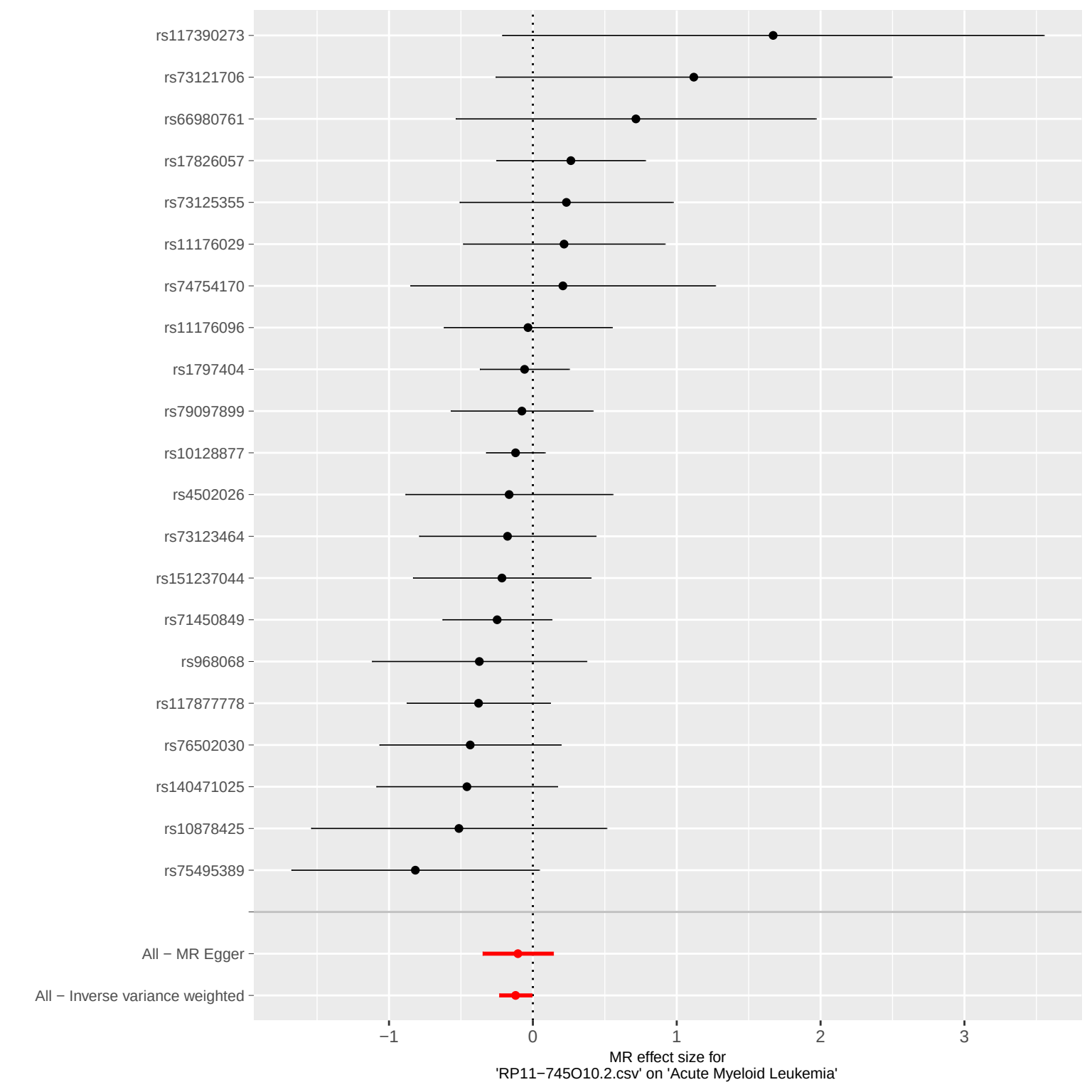
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MR effect size for
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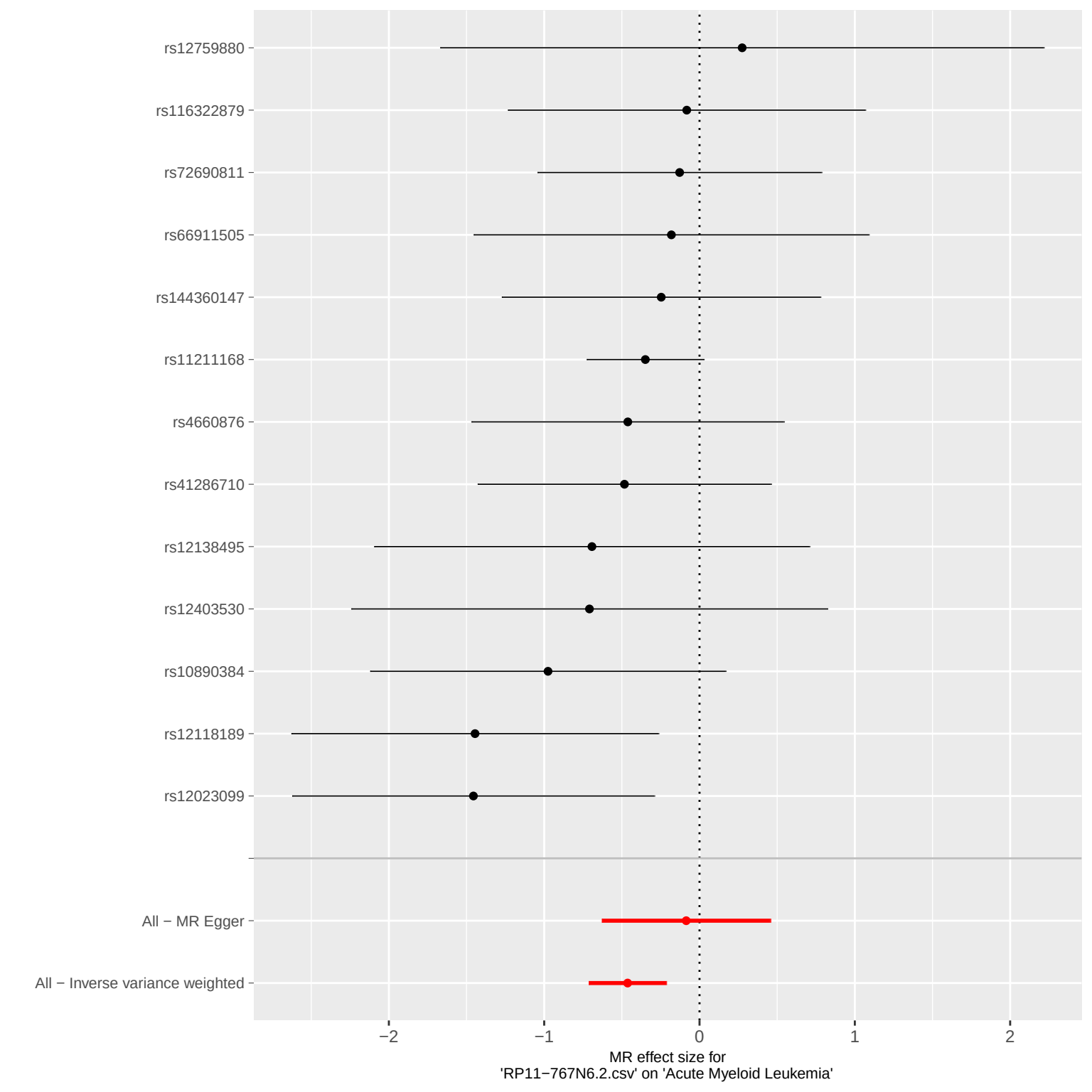
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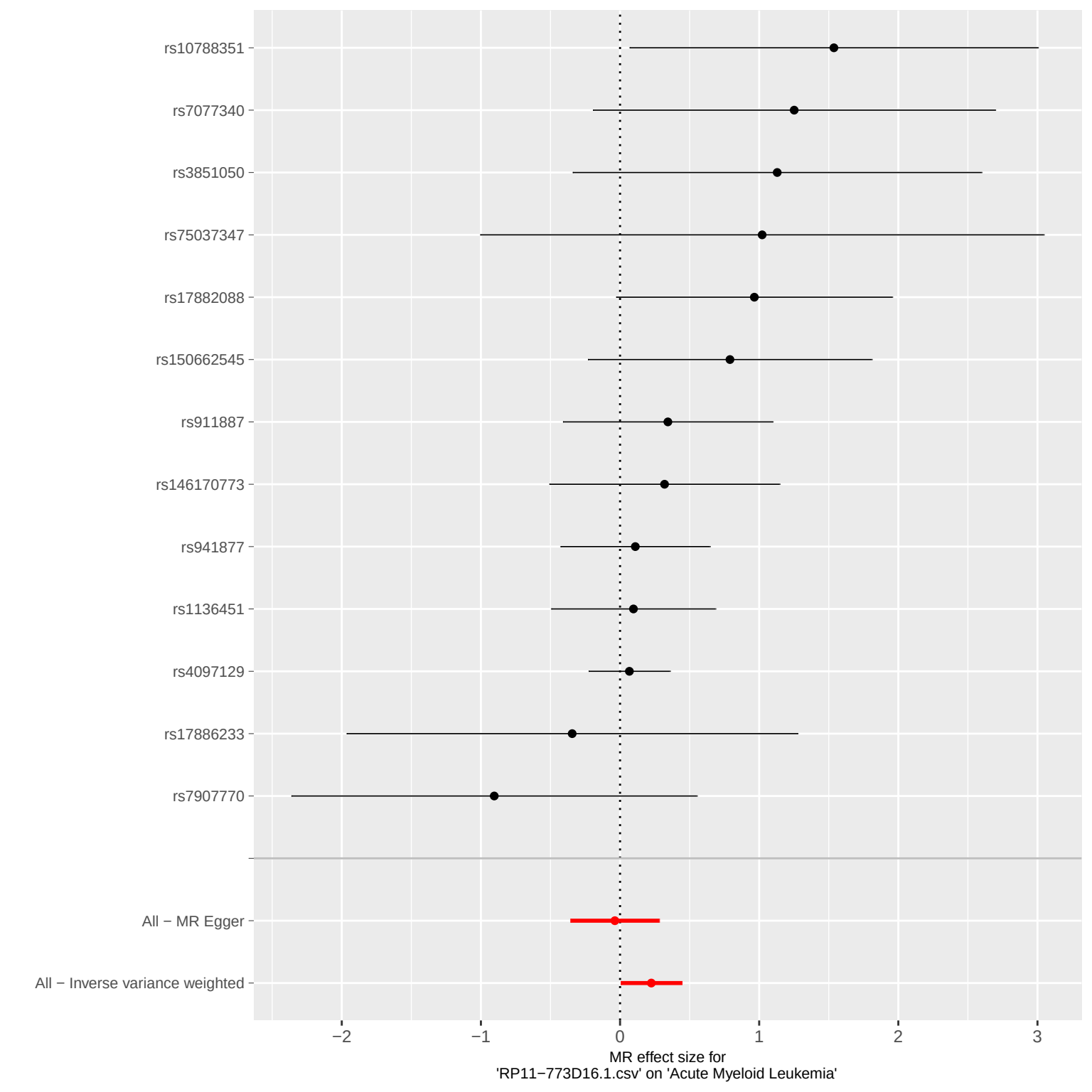
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All − MR Egger
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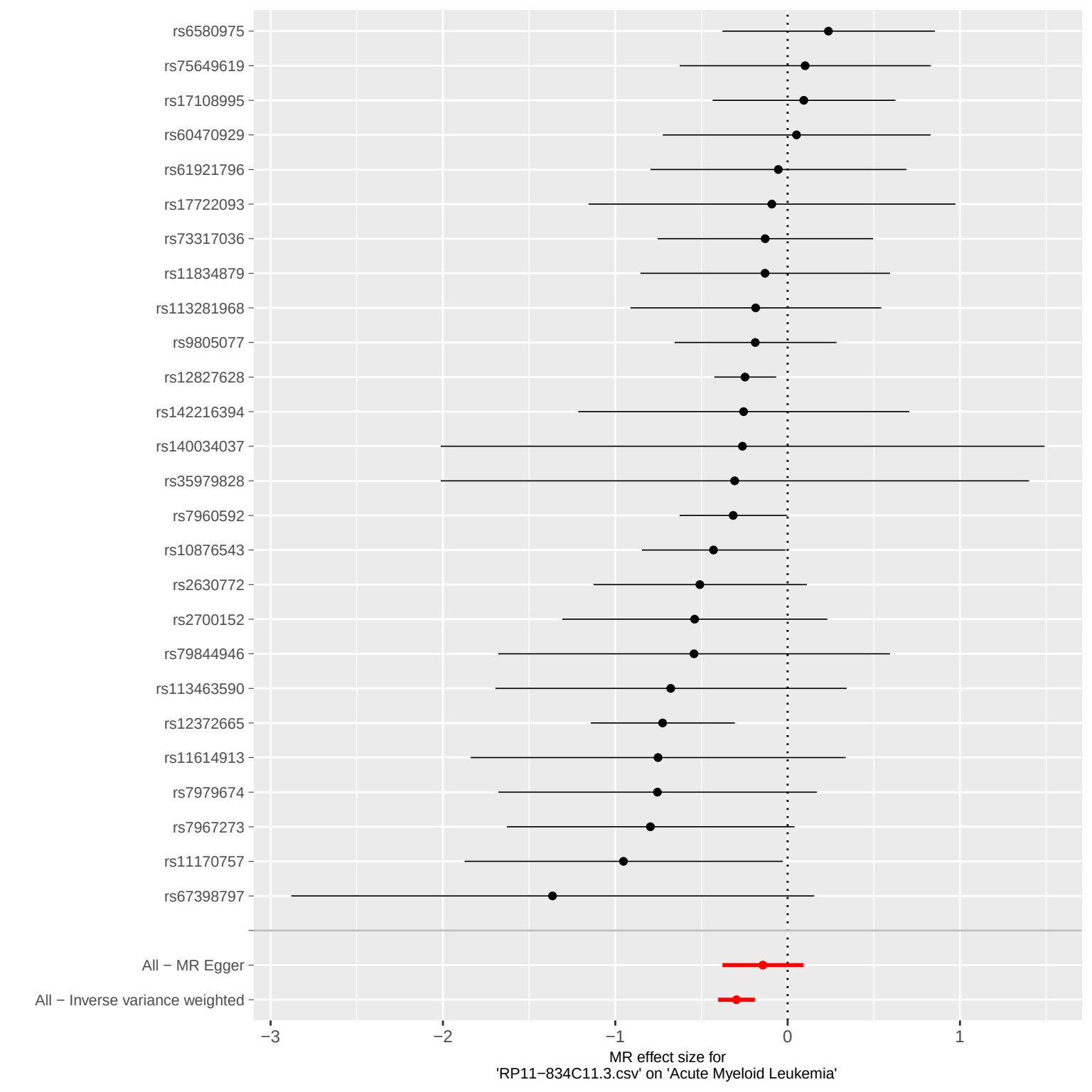
MR effect size for
'RP11−773D16.1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
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MR effect size for
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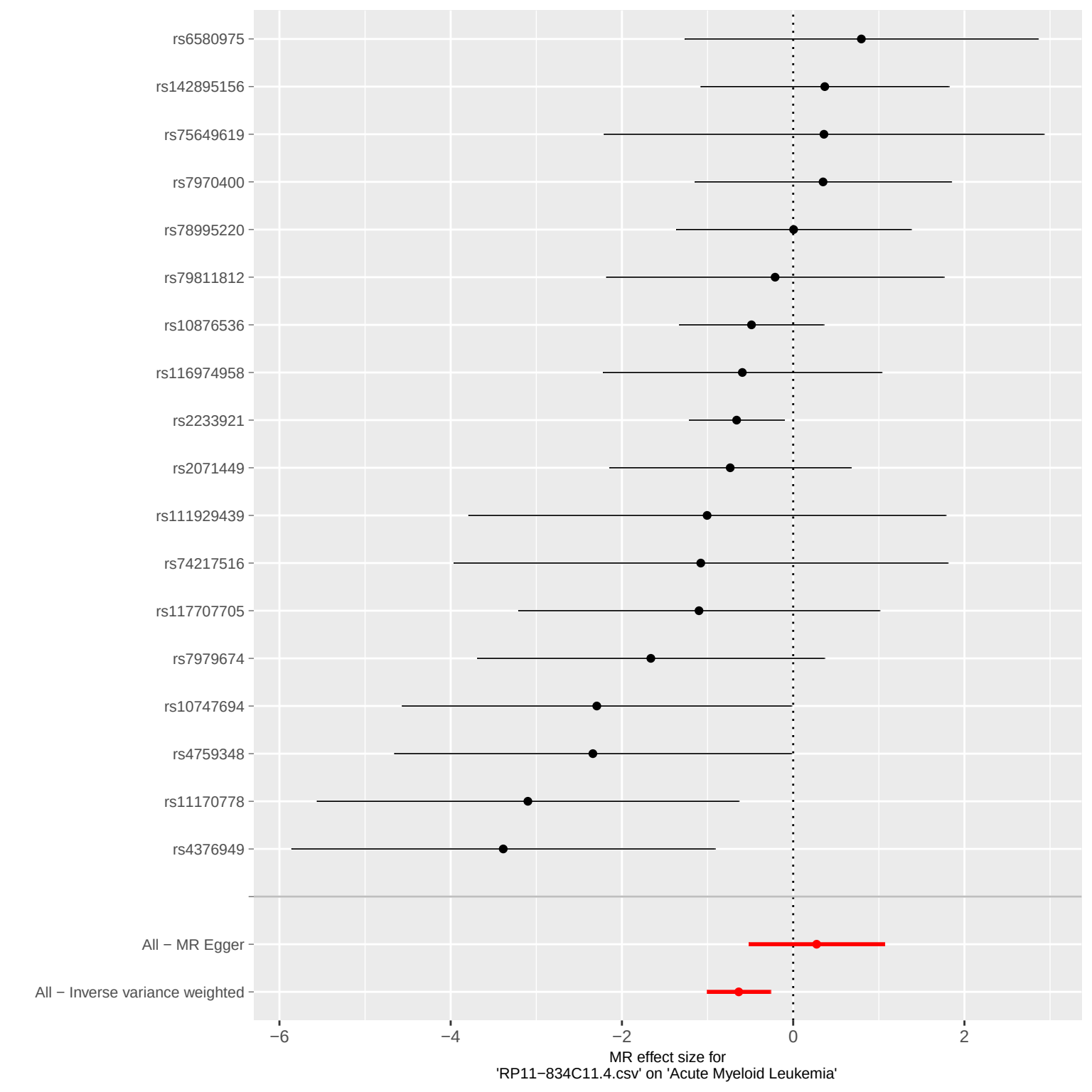
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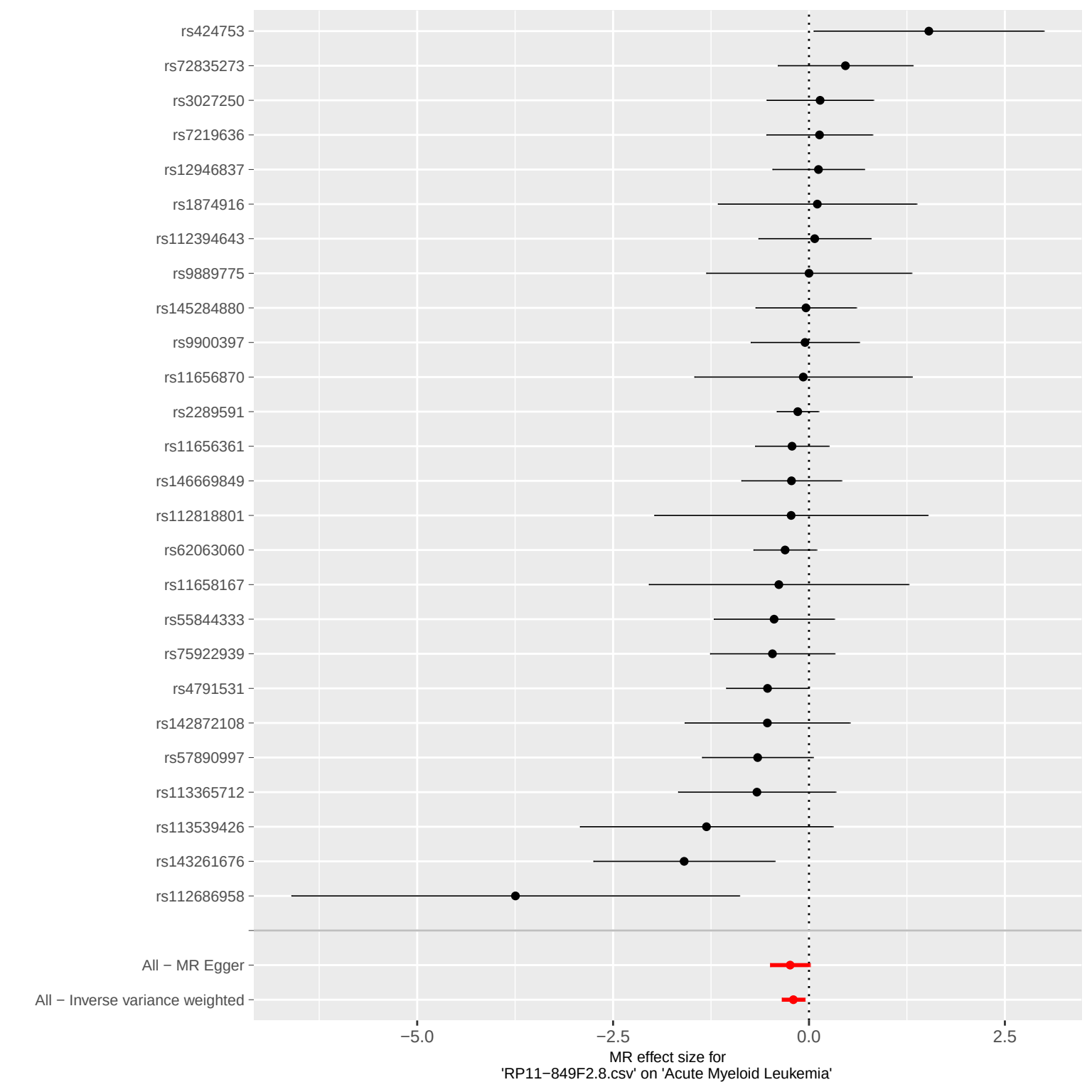
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rs112686958
All − MR Egger
All − Inverse variance weighted
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−2.5
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2.5
MR effect size for
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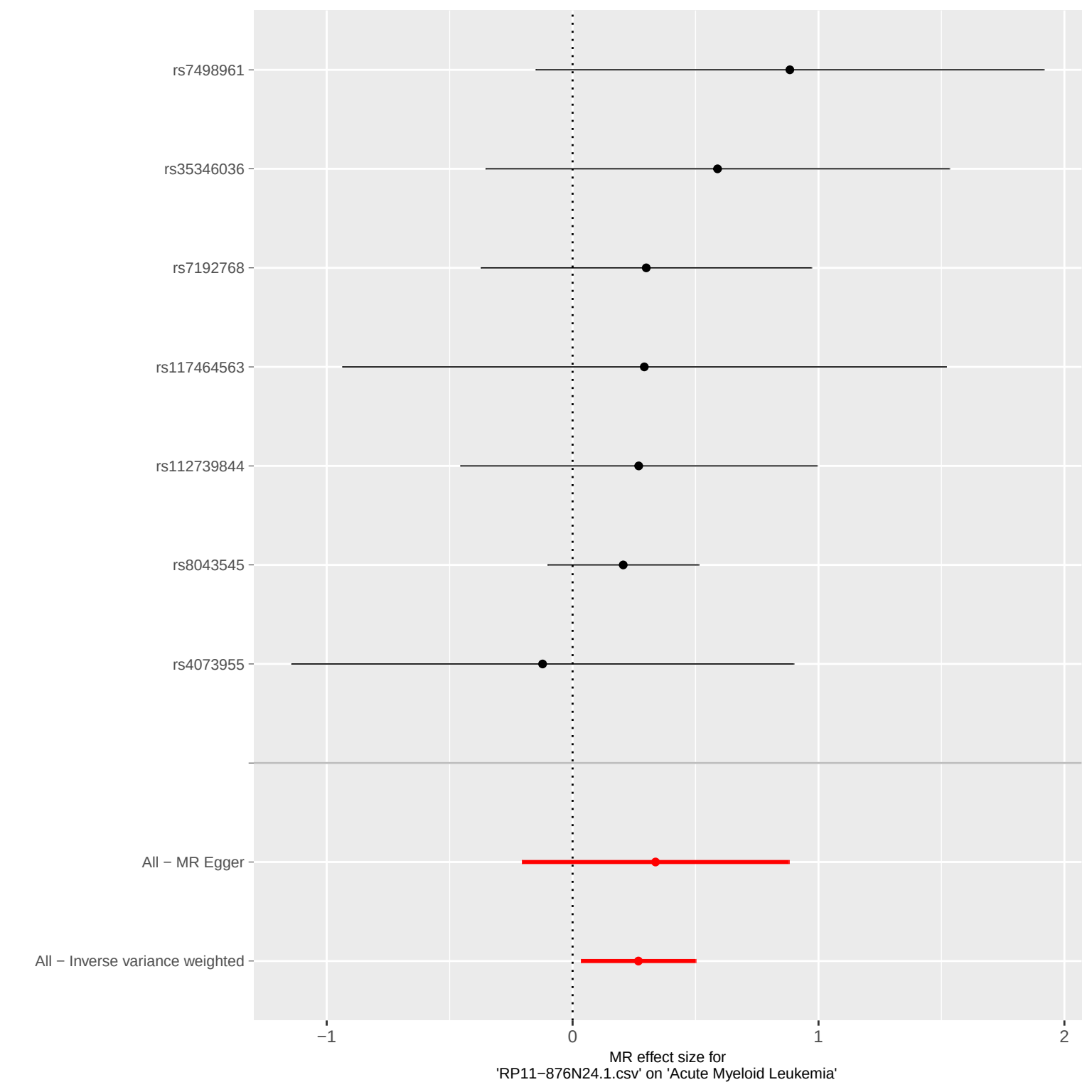
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All − Inverse variance weighted
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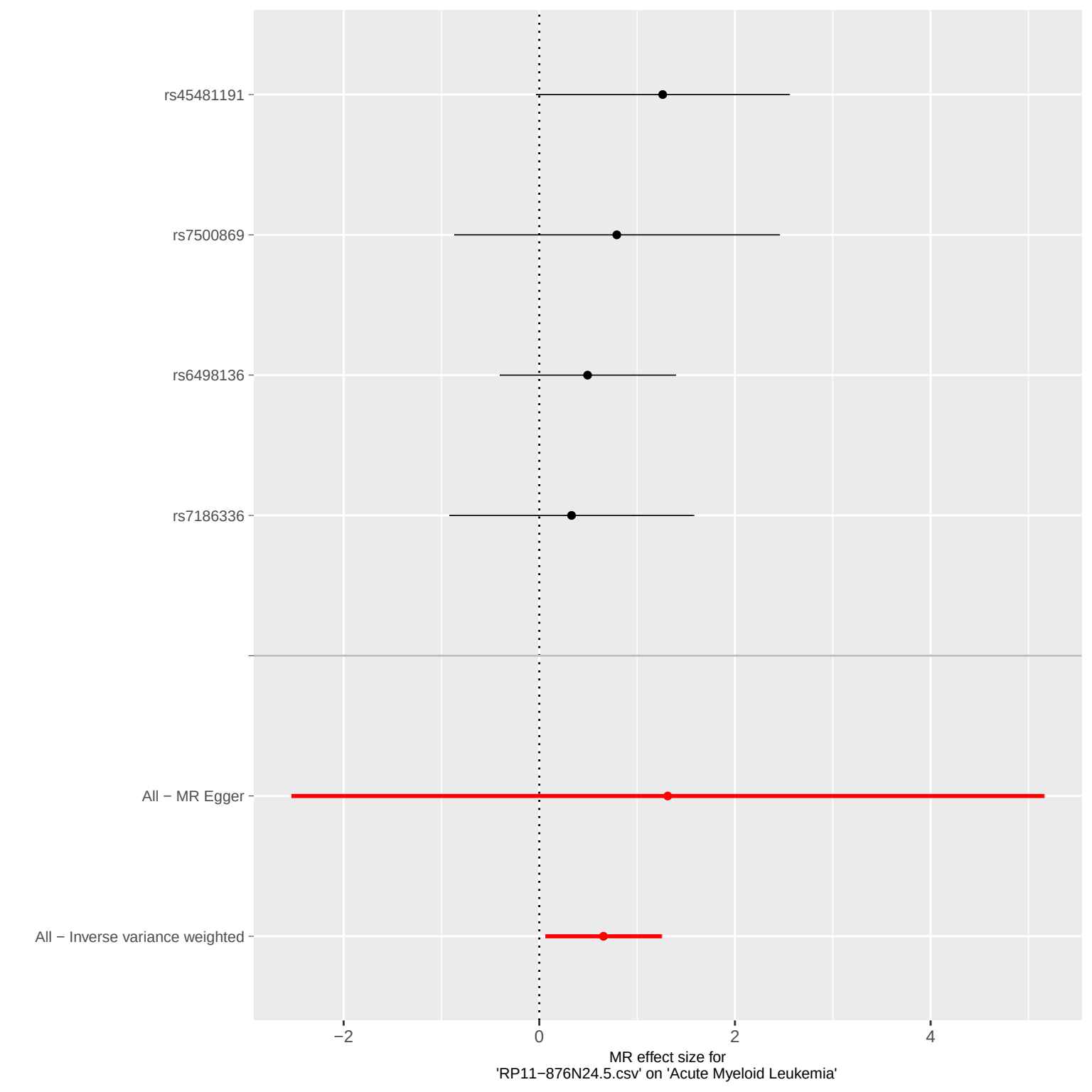
MR effect size for
'RP11−876N24.1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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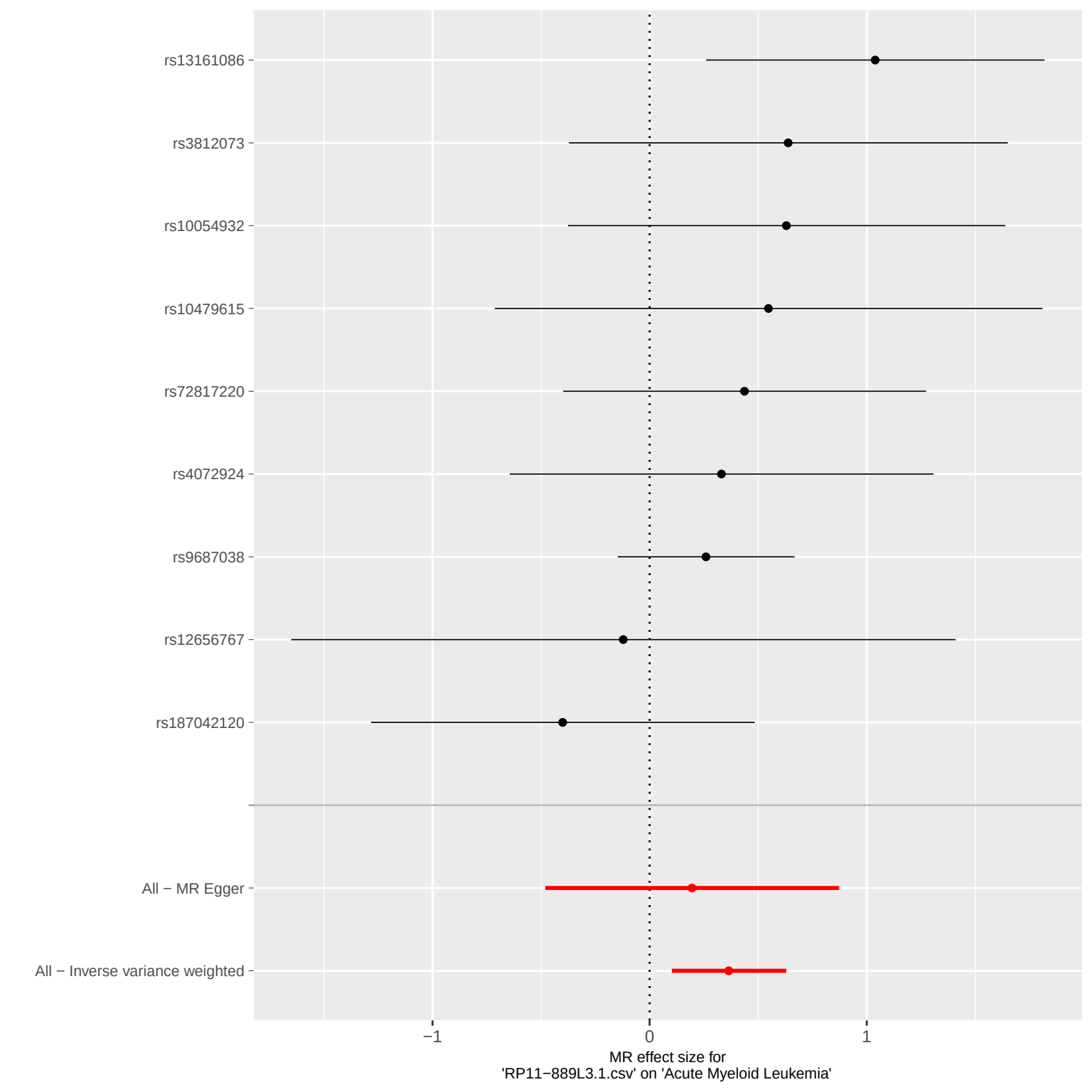
'RP11−876N24.5.csv' on 'Acute Myeloid Leukemia'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rs72817220
rs4072924
rs9687038
rs12656767
rs187042120
All − MR Egger
All − Inverse variance weighted
−1
0
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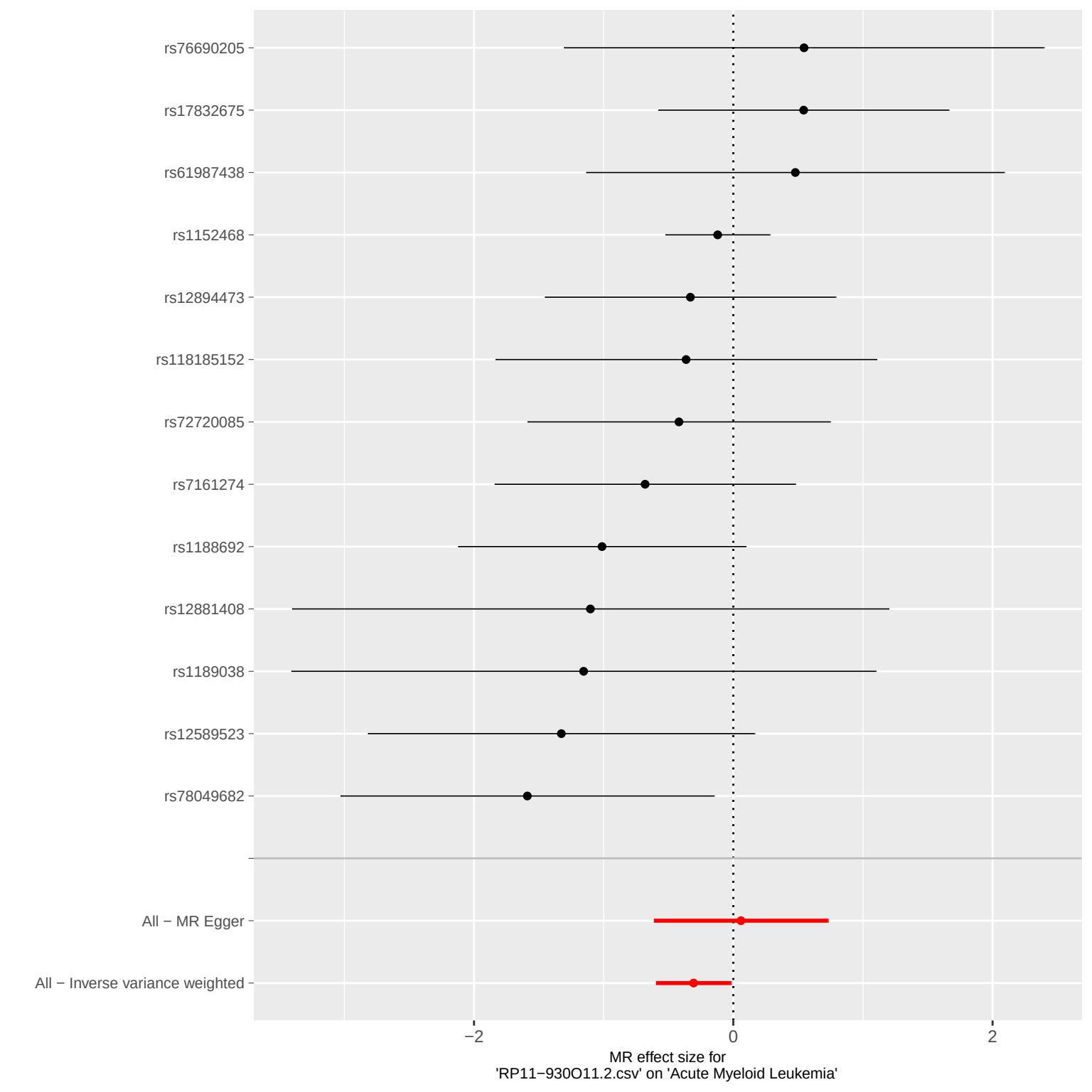
MR effect size for
'RP11−889L3.1.csv' on 'Acute Myeloid Leukemia'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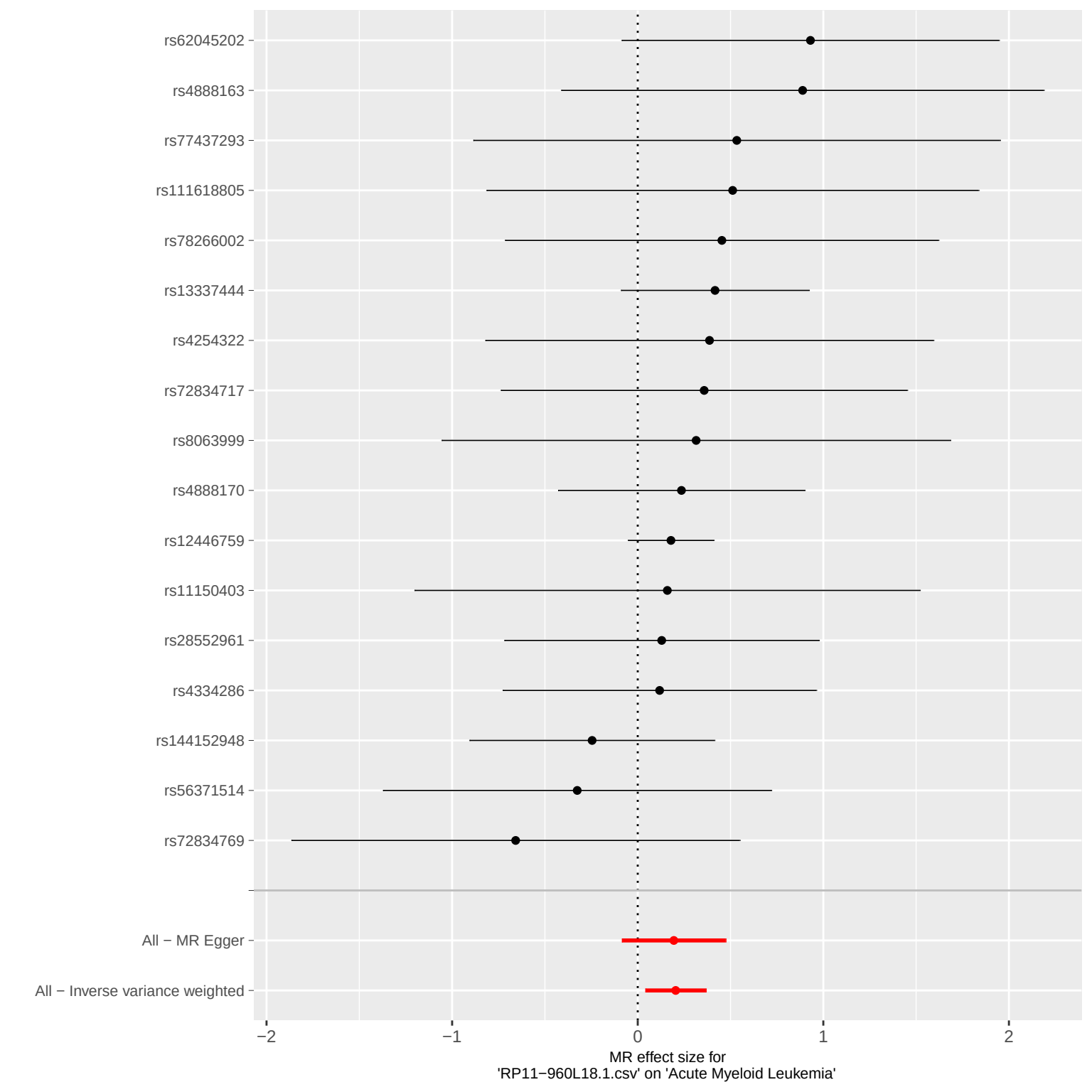
rs12881408
rs1189038
rs12589523
rs78049682
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RP11−930O11.2.csv' on 'Acute Myeloid Leukemia'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rs4888170
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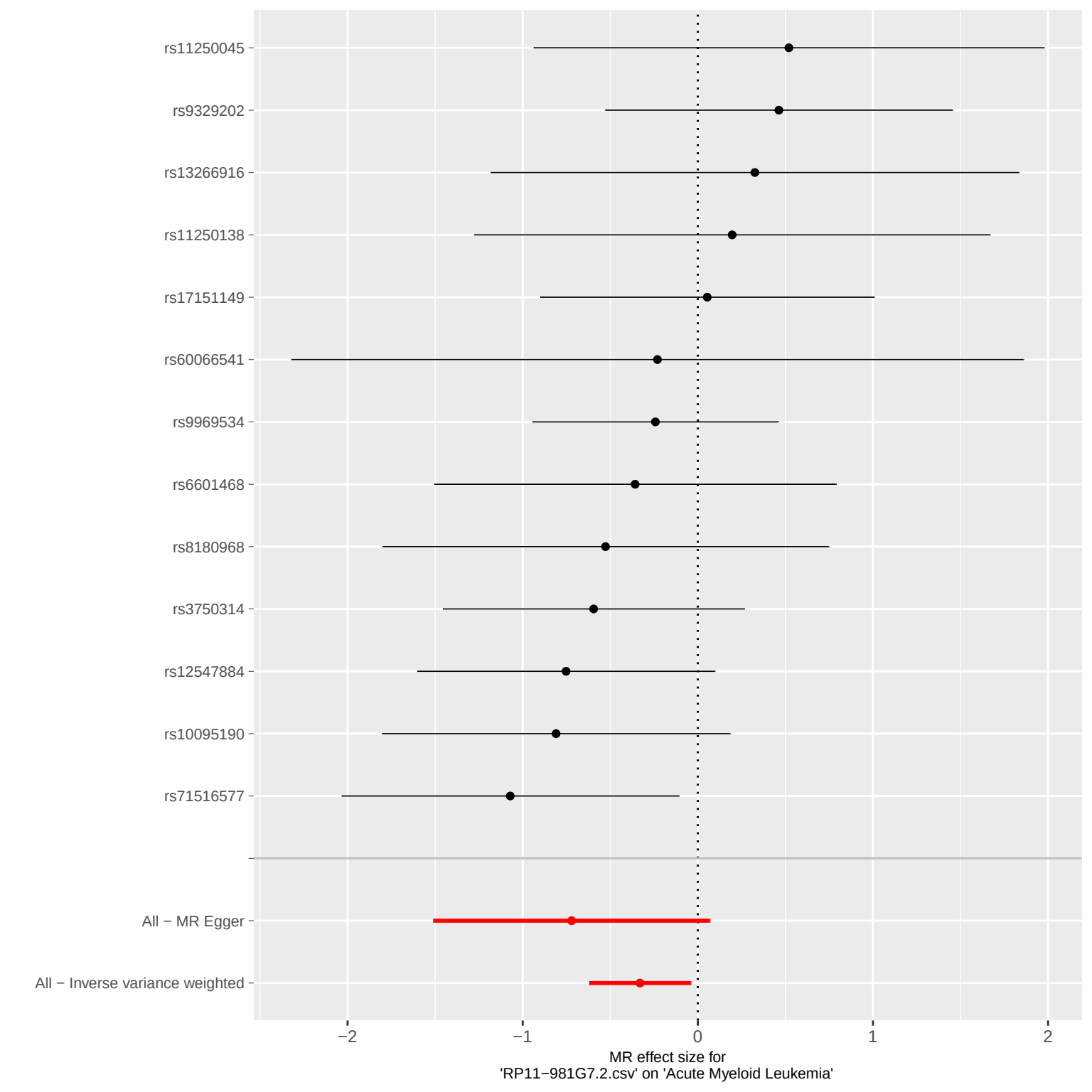
rs11150403
rs28552961
rs4334286
rs144152948
rs56371514
rs72834769
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RP11−960L18.1.csv' on 'Acute Myeloid Leukemia'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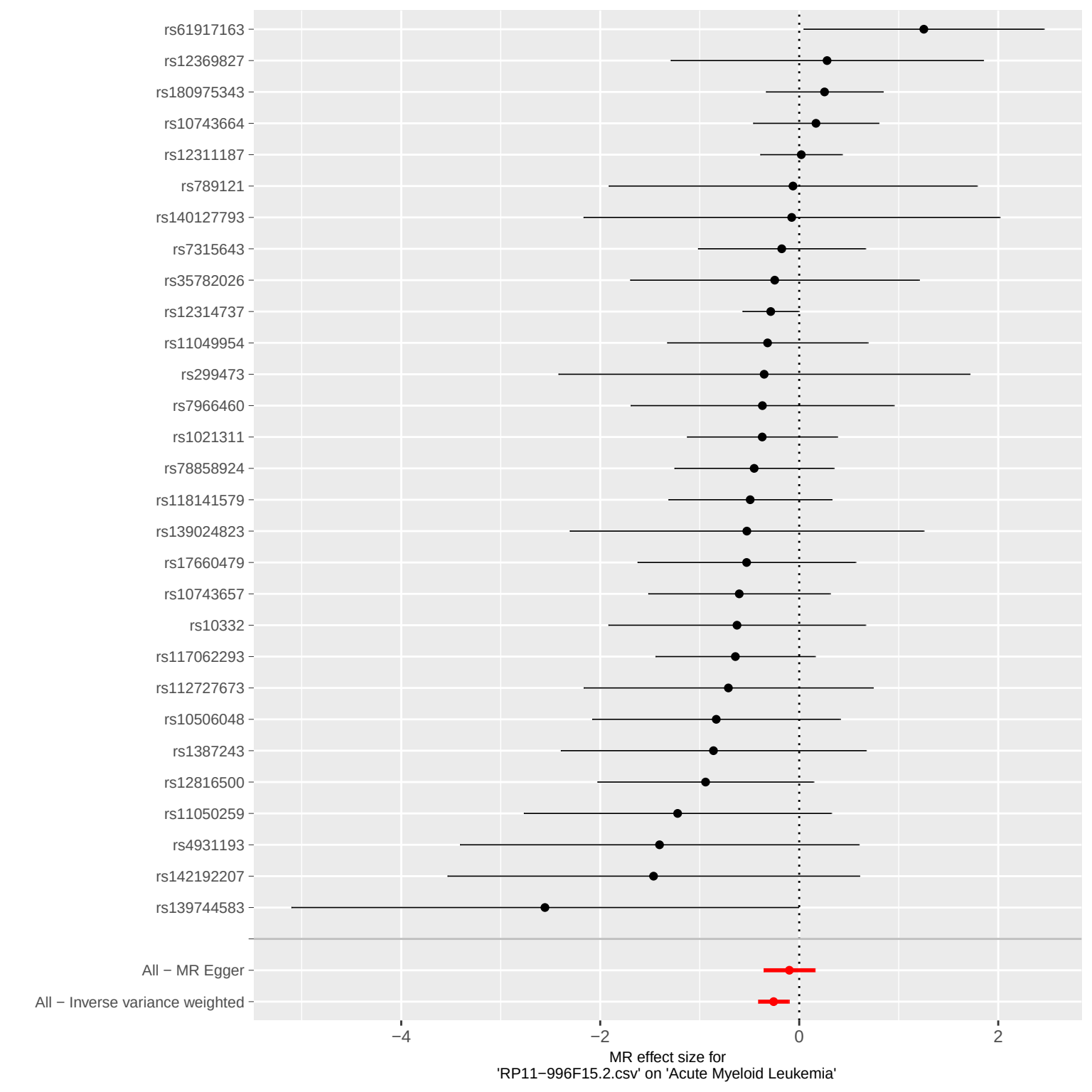
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RP11−981G7.2.csv' on 'Acute Myeloid Leukemia'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rs1387243
rs12816500
rs11050259
rs4931193
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All − MR Egger
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−2
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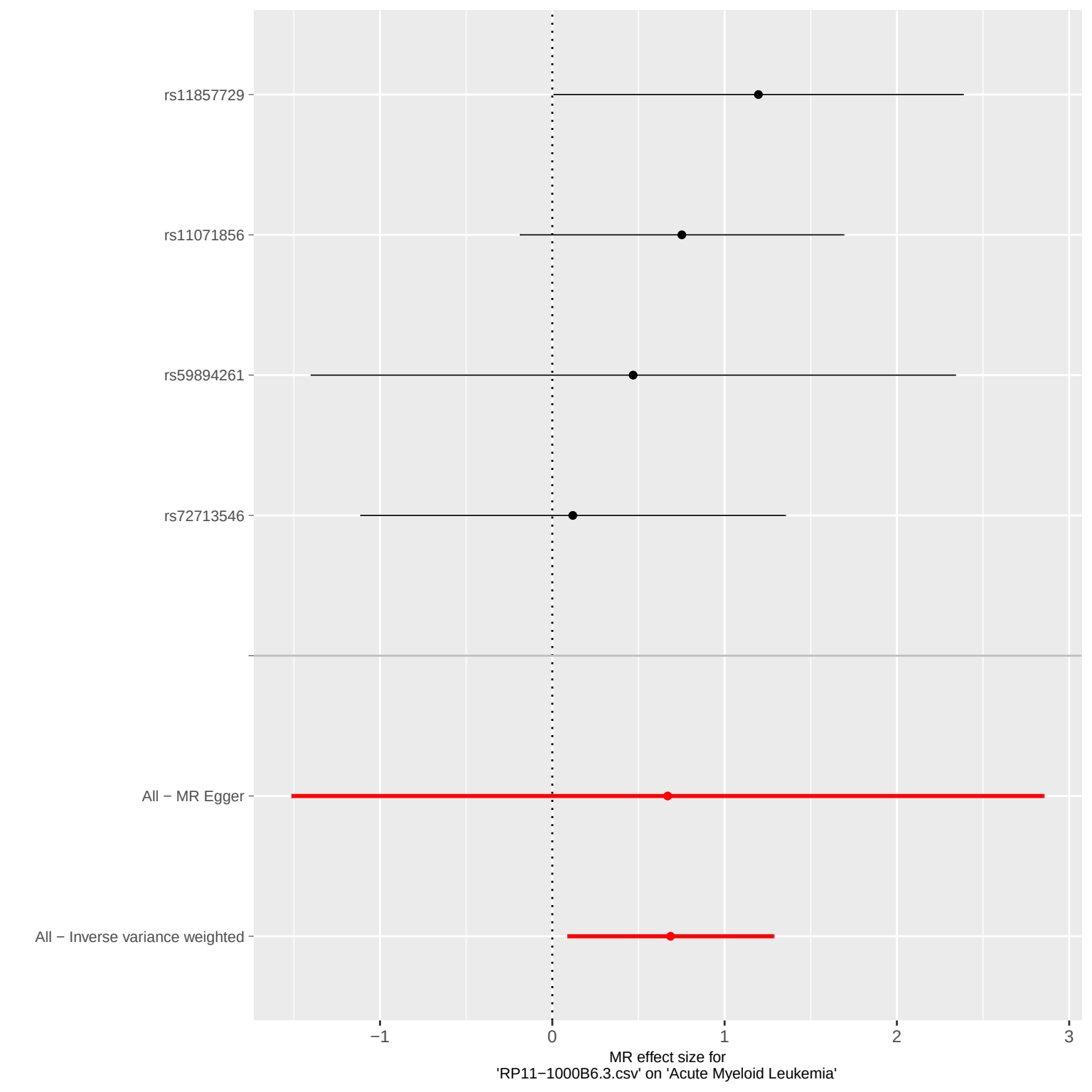
2
MR effect size for
'RP11−996F15.2.csv' on 'Acute Myeloid Leukemia'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rs72713546
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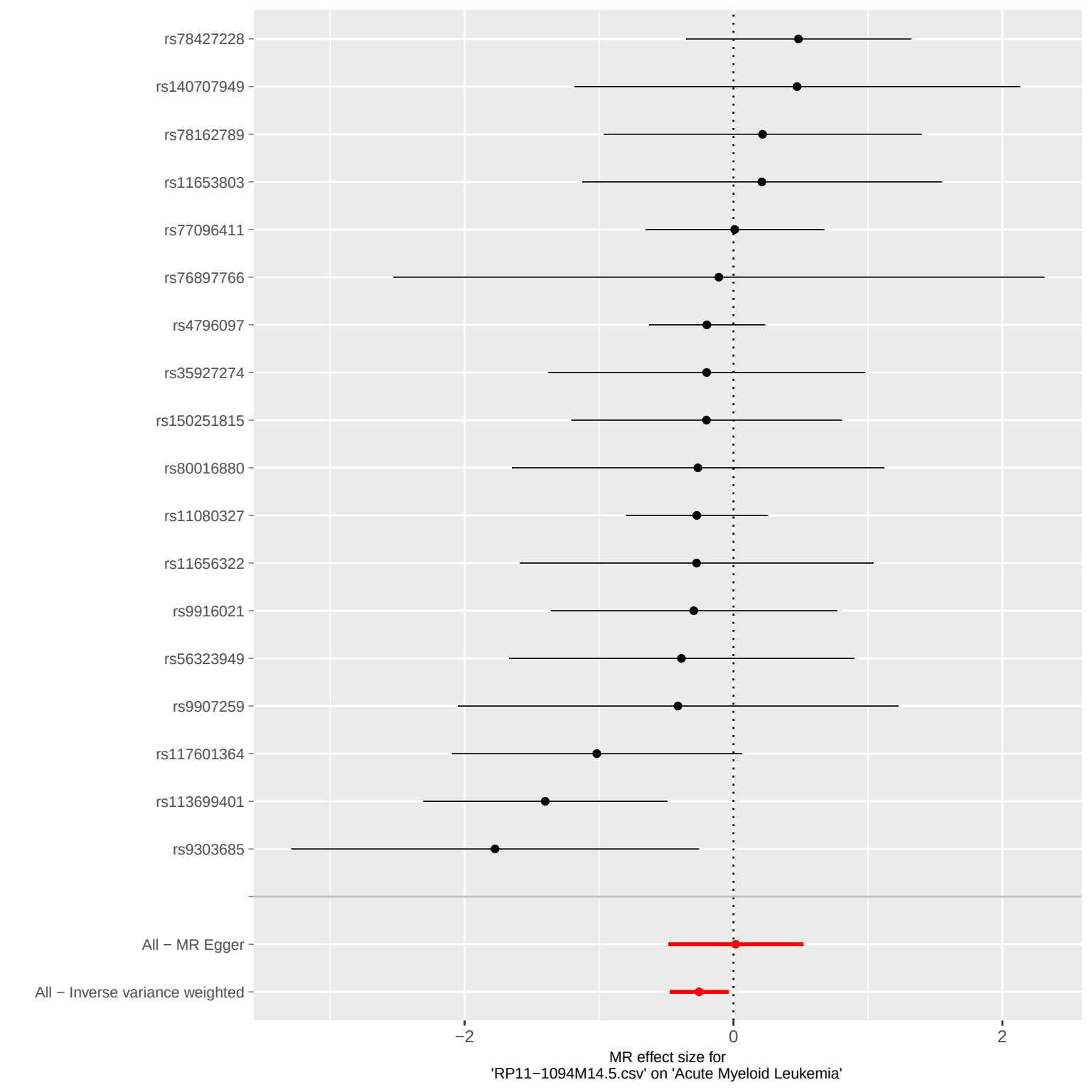
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'RP11−1000B6.3.csv' on 'Acute Myeloid Leukemia'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rs11080327
rs11656322
rs9916021
rs56323949
rs9907259
rs117601364
rs113699401
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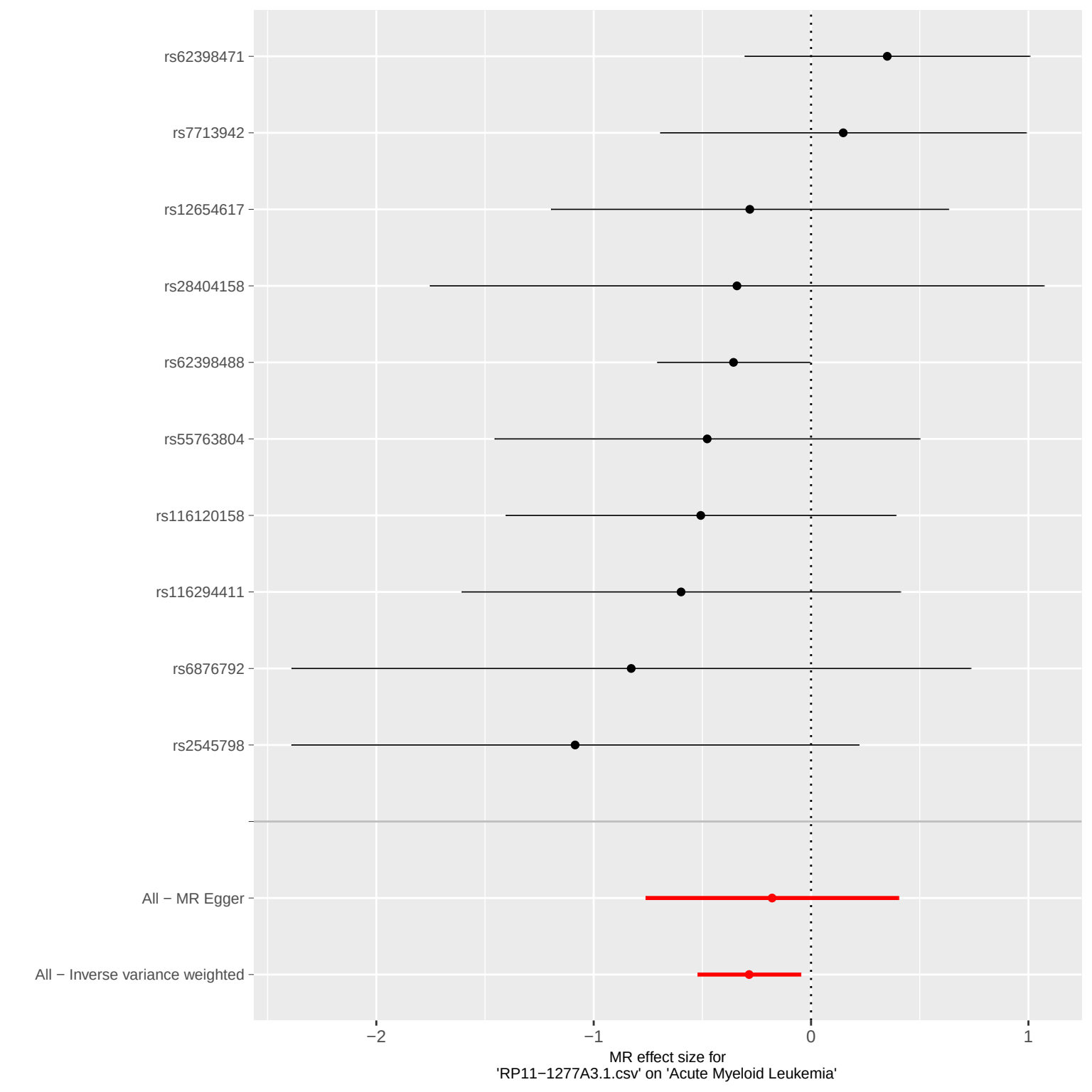
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RP11−1094M14.5.csv' on 'Acute Myeloid Leukemia'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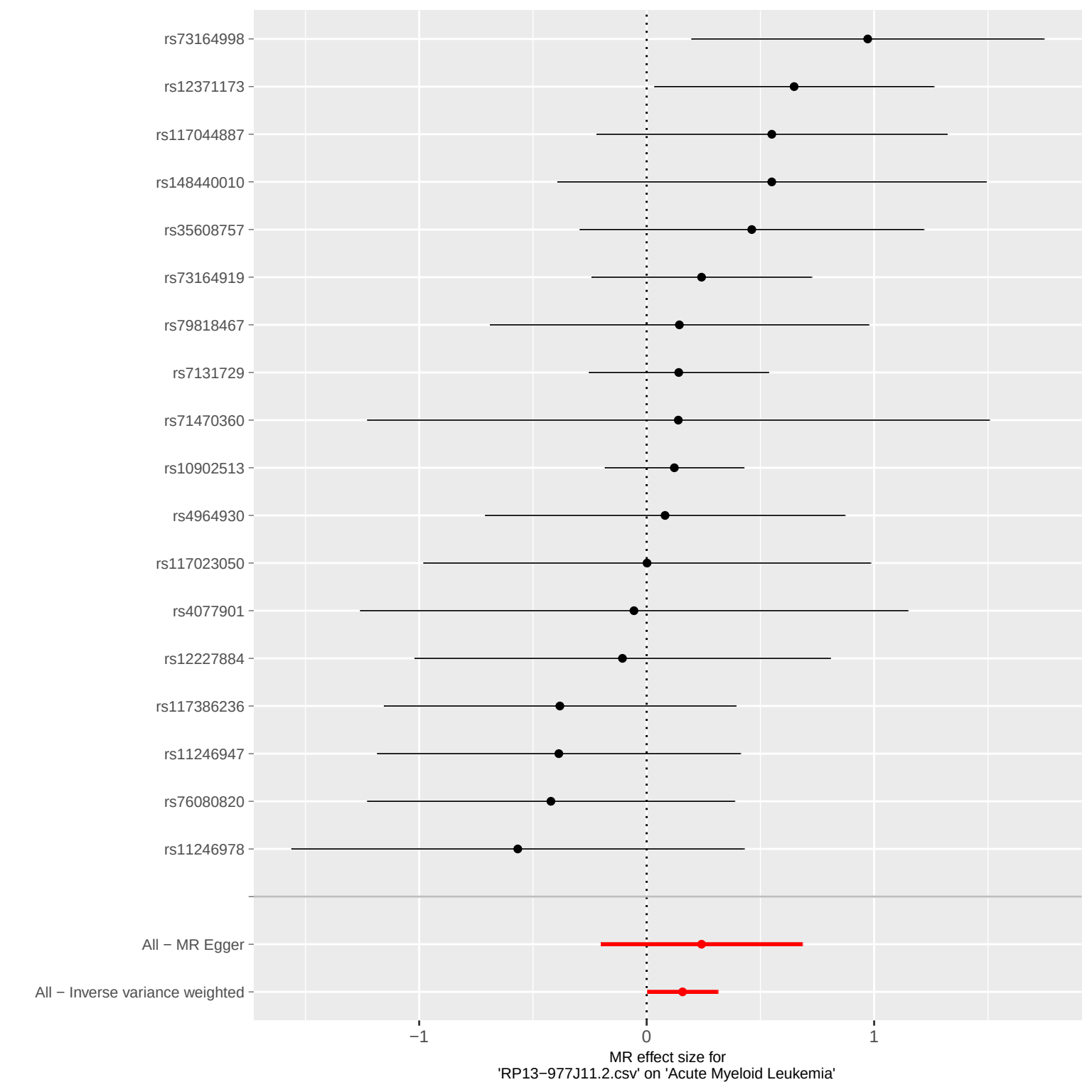
rs2545798
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'RP11−1277A3.1.csv' on 'Acute Myeloid Leukemia'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rs4077901
rs12227884
rs117386236
rs11246947
rs76080820
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All − MR Egger
All − Inverse variance weighted
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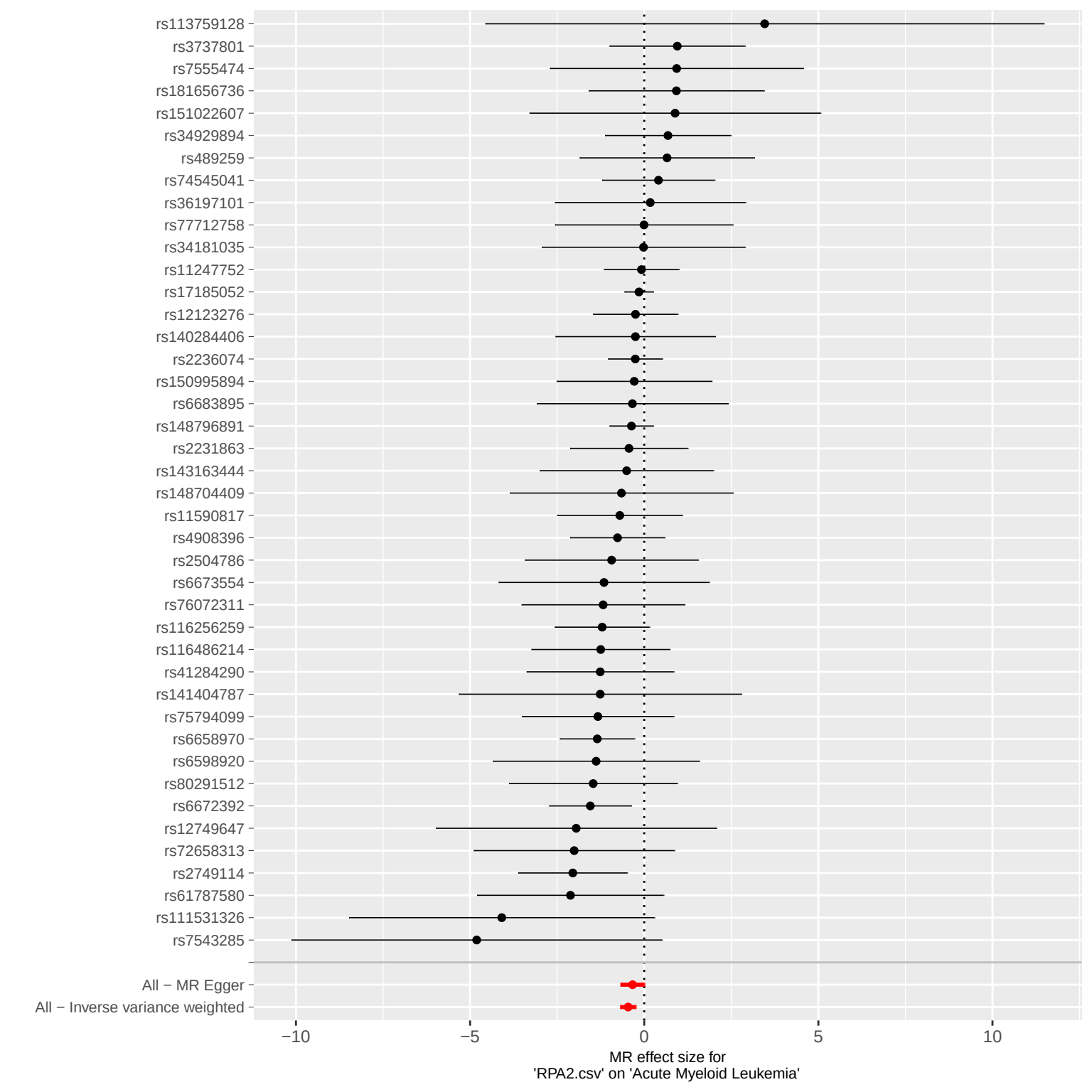
1
MR effect size for
'RP13−977J11.2.csv' on 'Acute Myeloid Leukemia'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rs72658313
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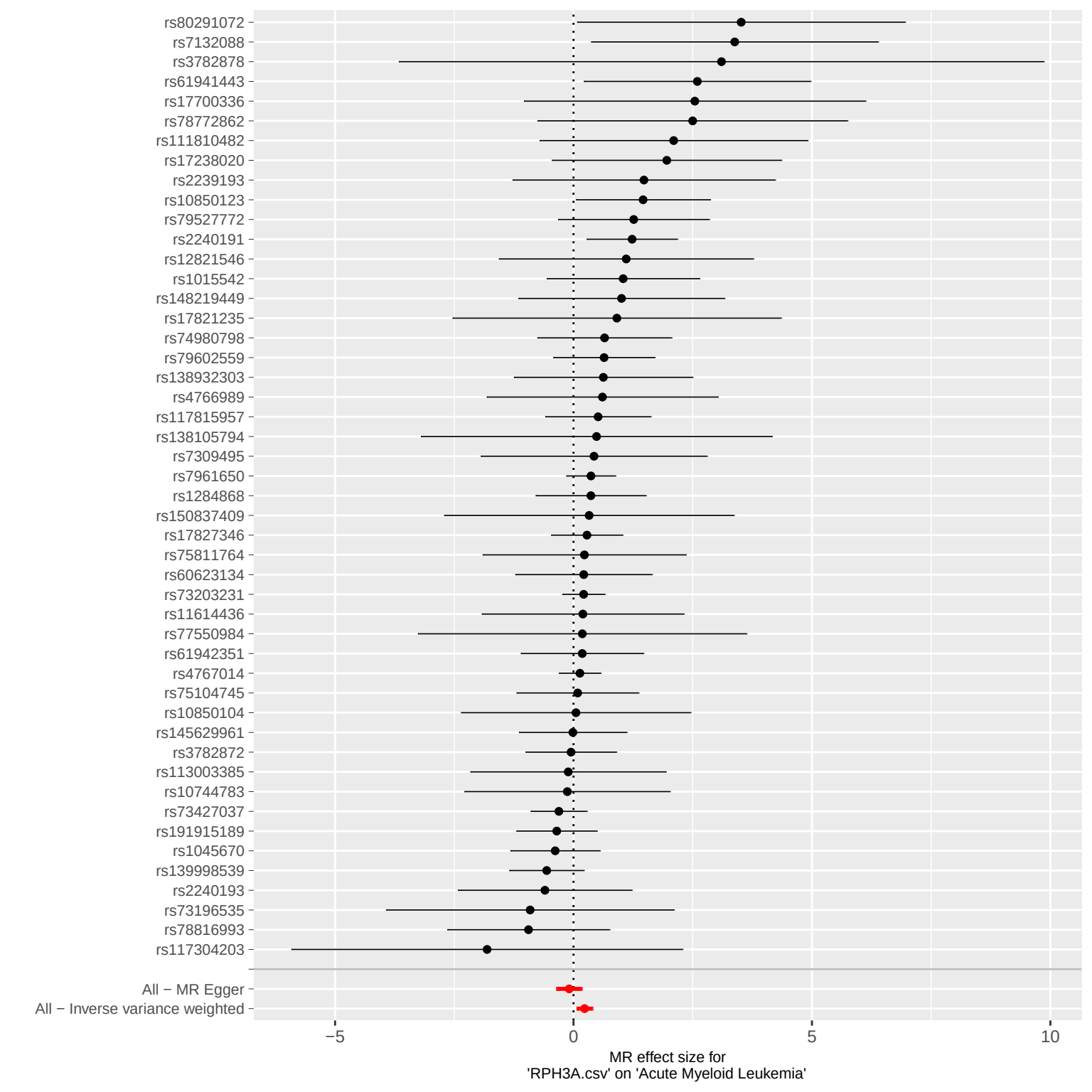
rs7543285
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'RPA2.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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10
MR effect size for
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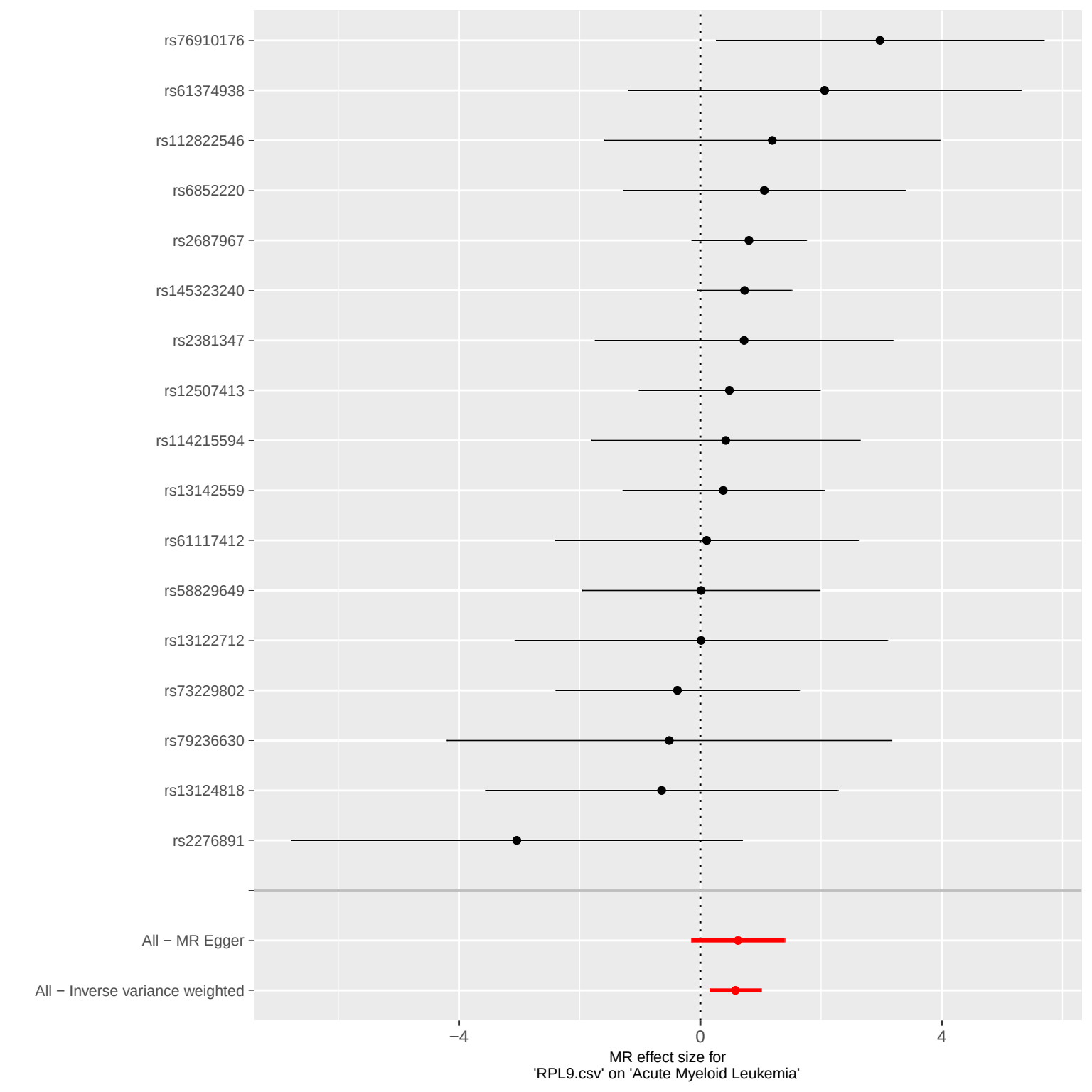
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rs58829649
rs13122712
rs73229802
rs79236630
rs13124818
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All − MR Egger
All − Inverse variance weighted
−4
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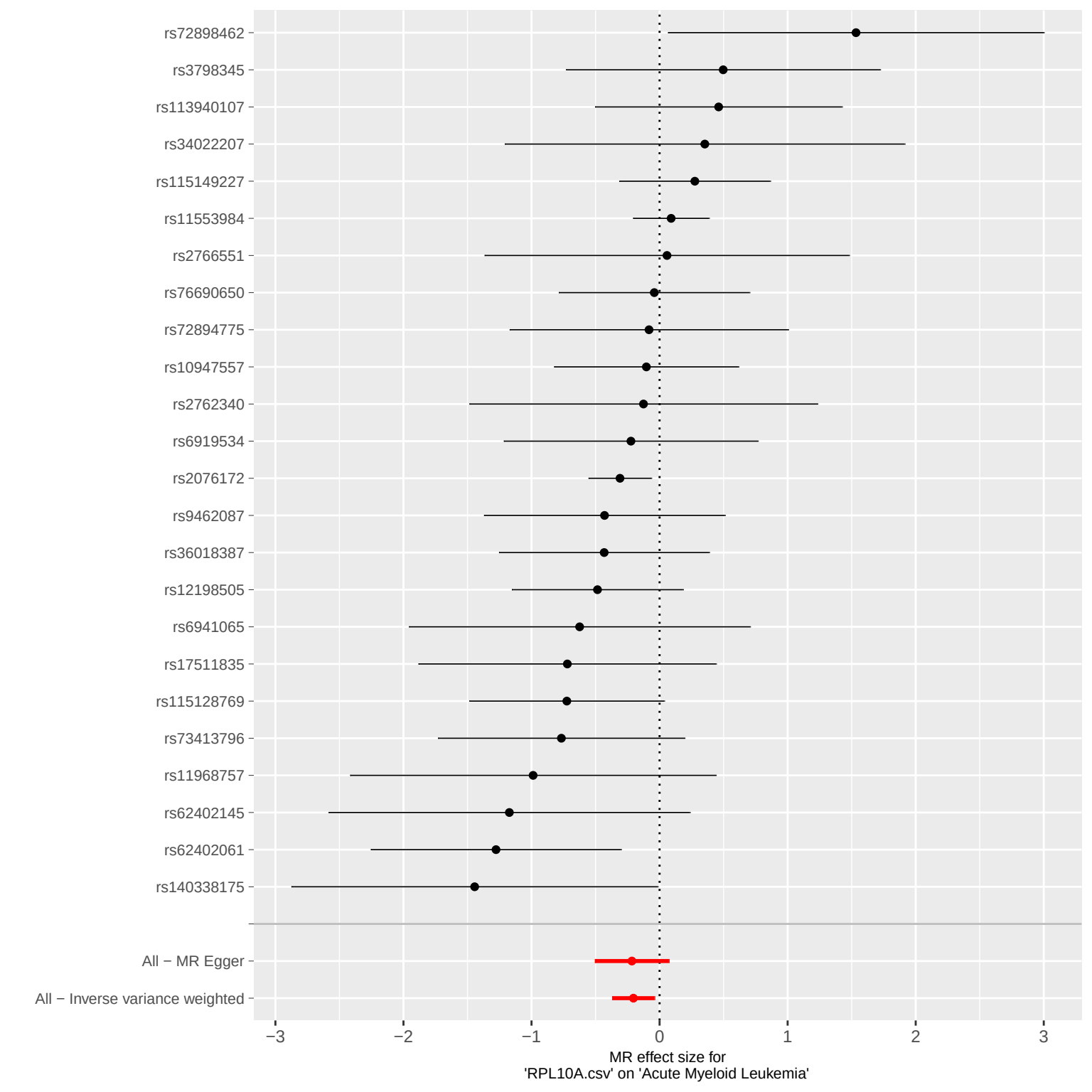
4
MR effect size for
'RPL9.csv' on 'Acute Myeloid Leukemia'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rs12198505
rs6941065
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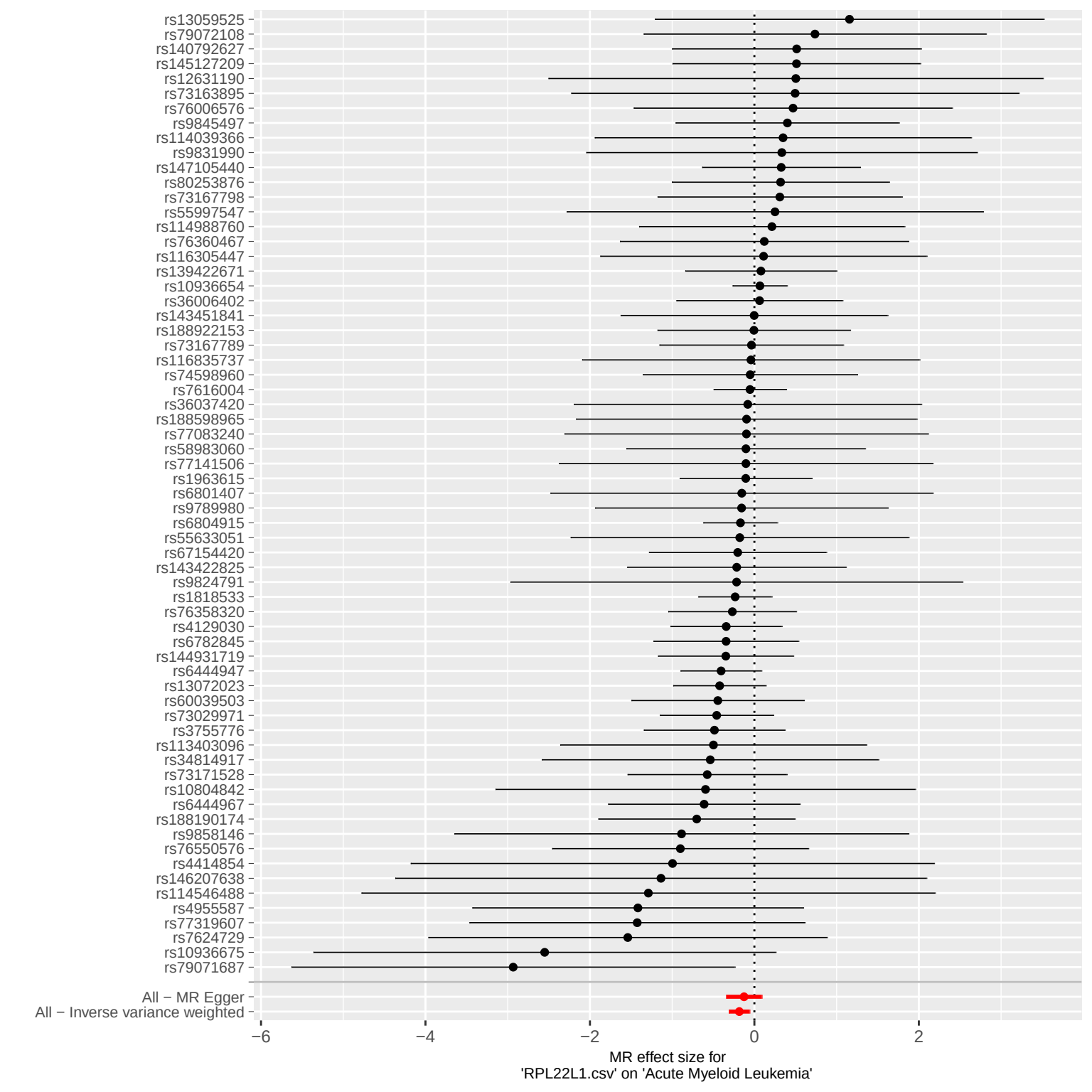
rs115128769
rs73413796
rs11968757
rs62402145
rs62402061
rs140338175
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'RPL10A.csv' on 'Acute Myeloid Leukemia'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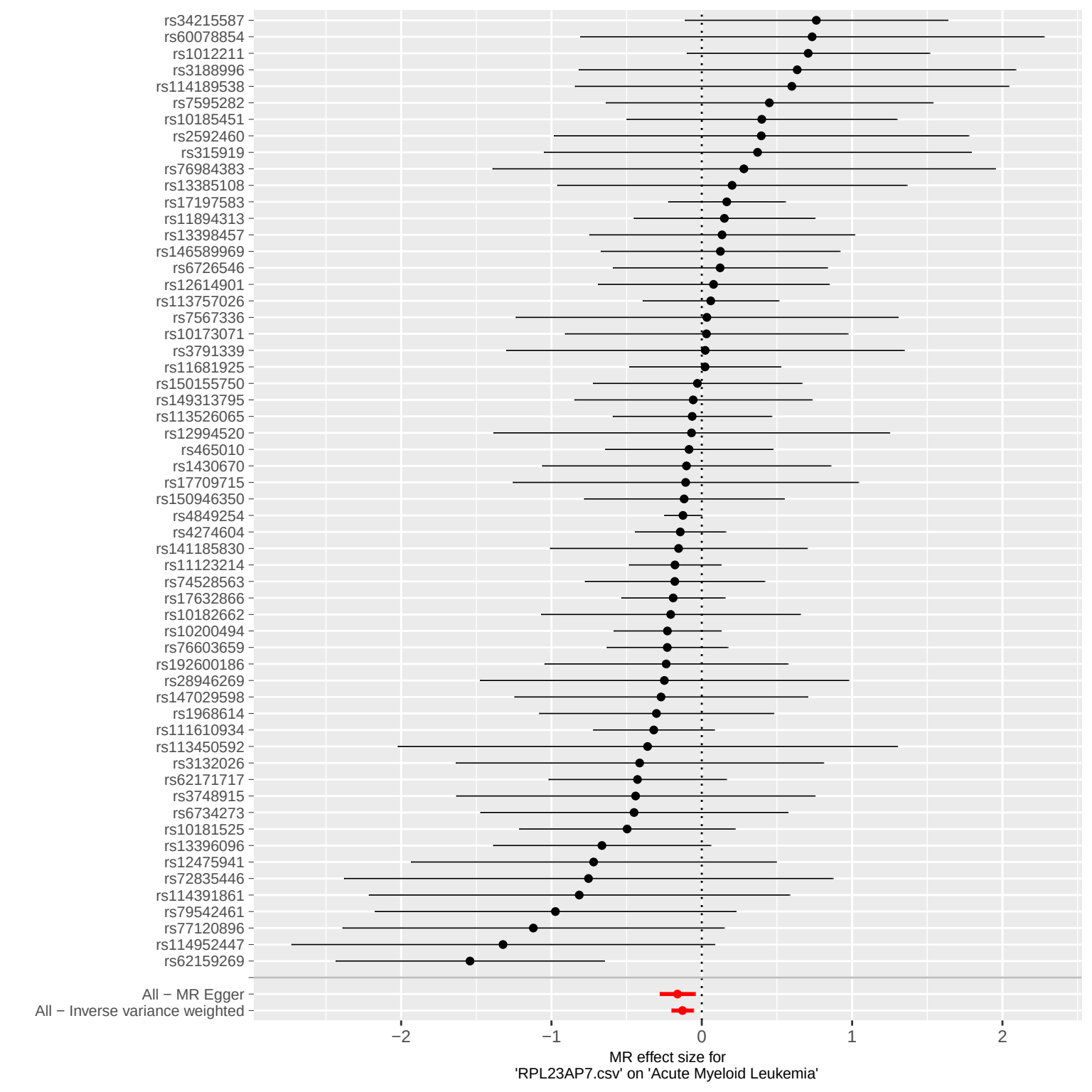
rs4955587
rs77319607
rs7624729
rs10936675
rs79071687
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'RPL22L1.csv' on 'Acute Myeloid Leukemia'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rs150946350
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rs74528563
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rs1968614
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rs6734273
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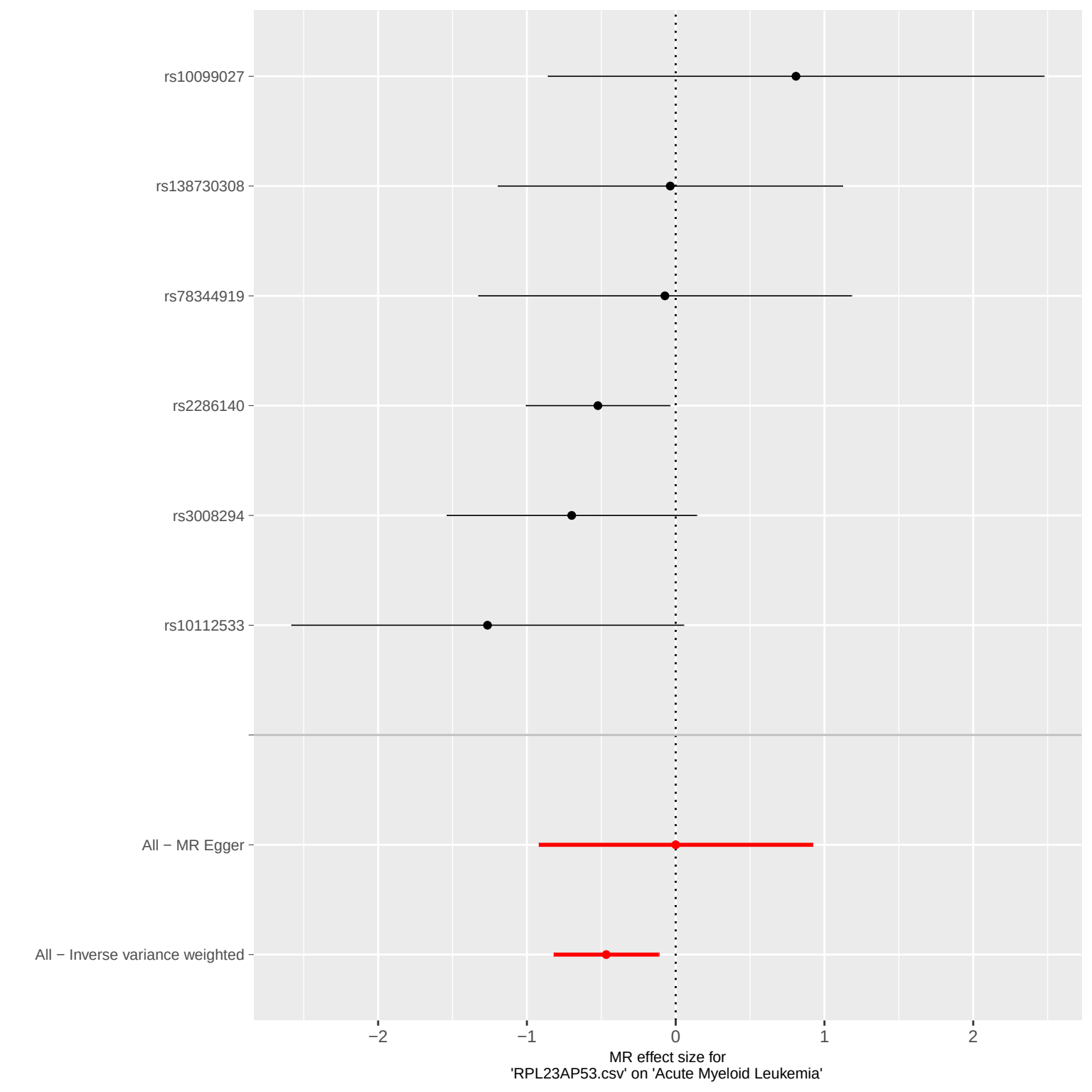
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RPL23AP7.csv' on 'Acute Myeloid Leukemia'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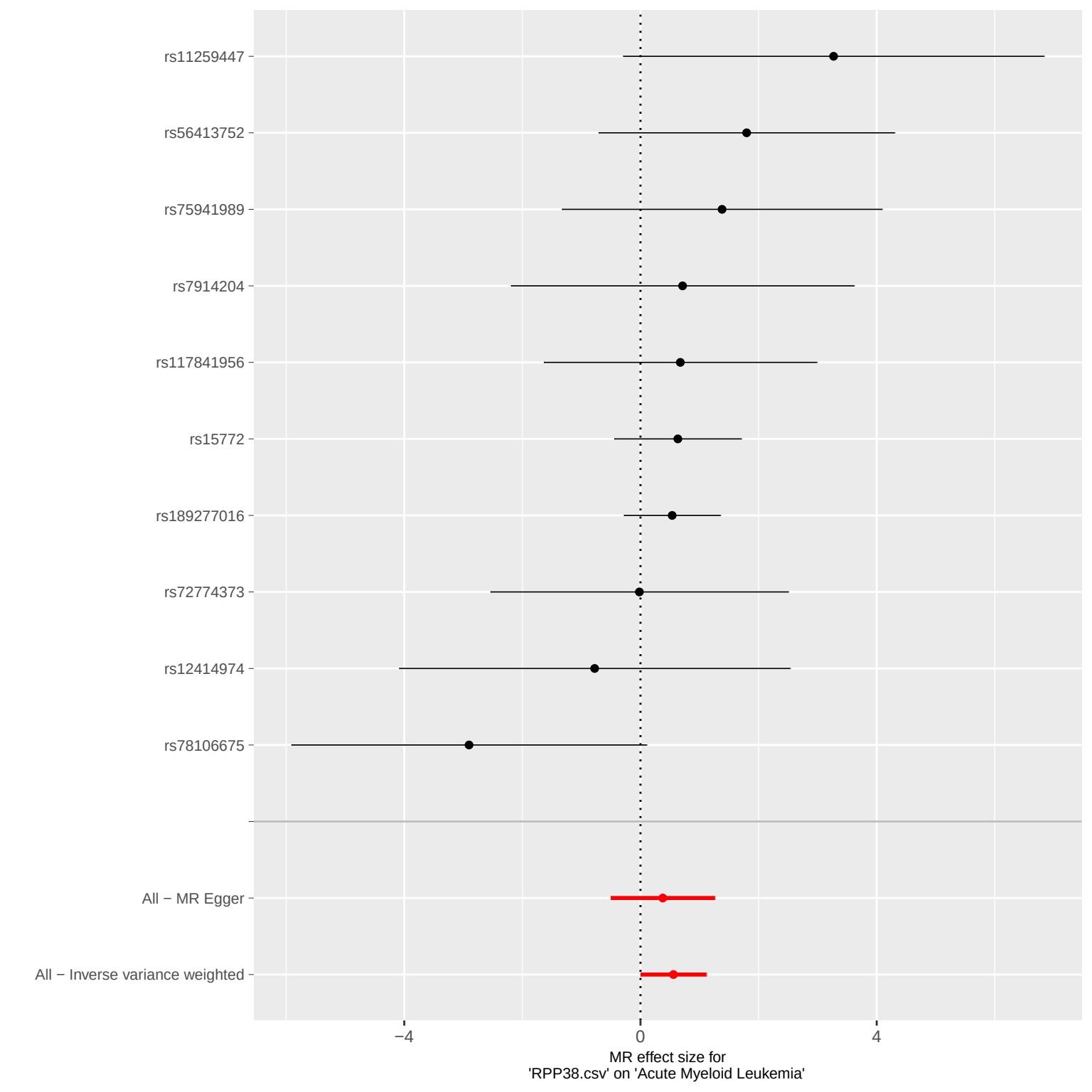
−1
0
1
2
MR effect size for
'RPL23AP53.csv' on 'Acute Myeloid Leukemia'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rs15772
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All − MR Egger
All − Inverse variance weighted
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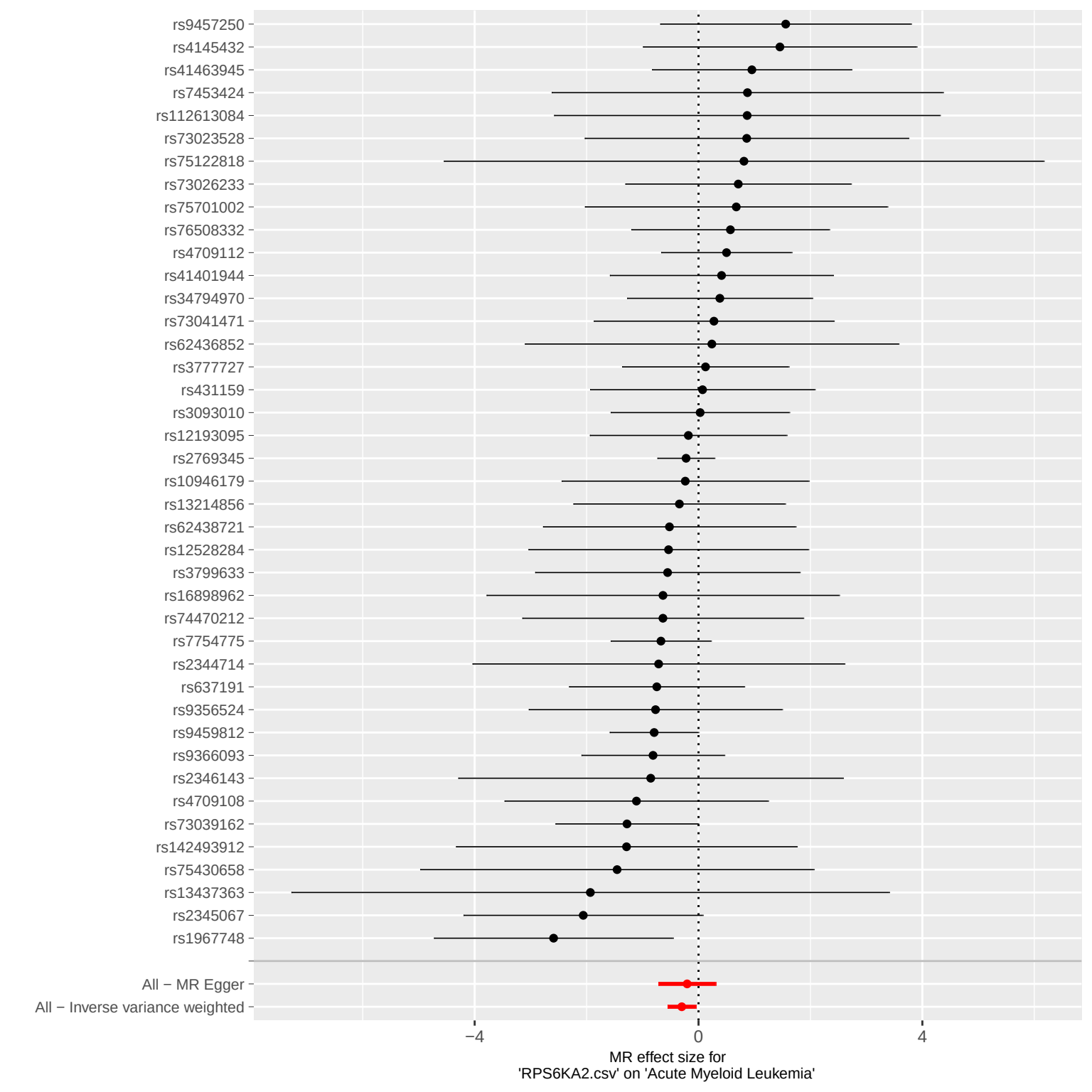
MR effect size for
'RPP38.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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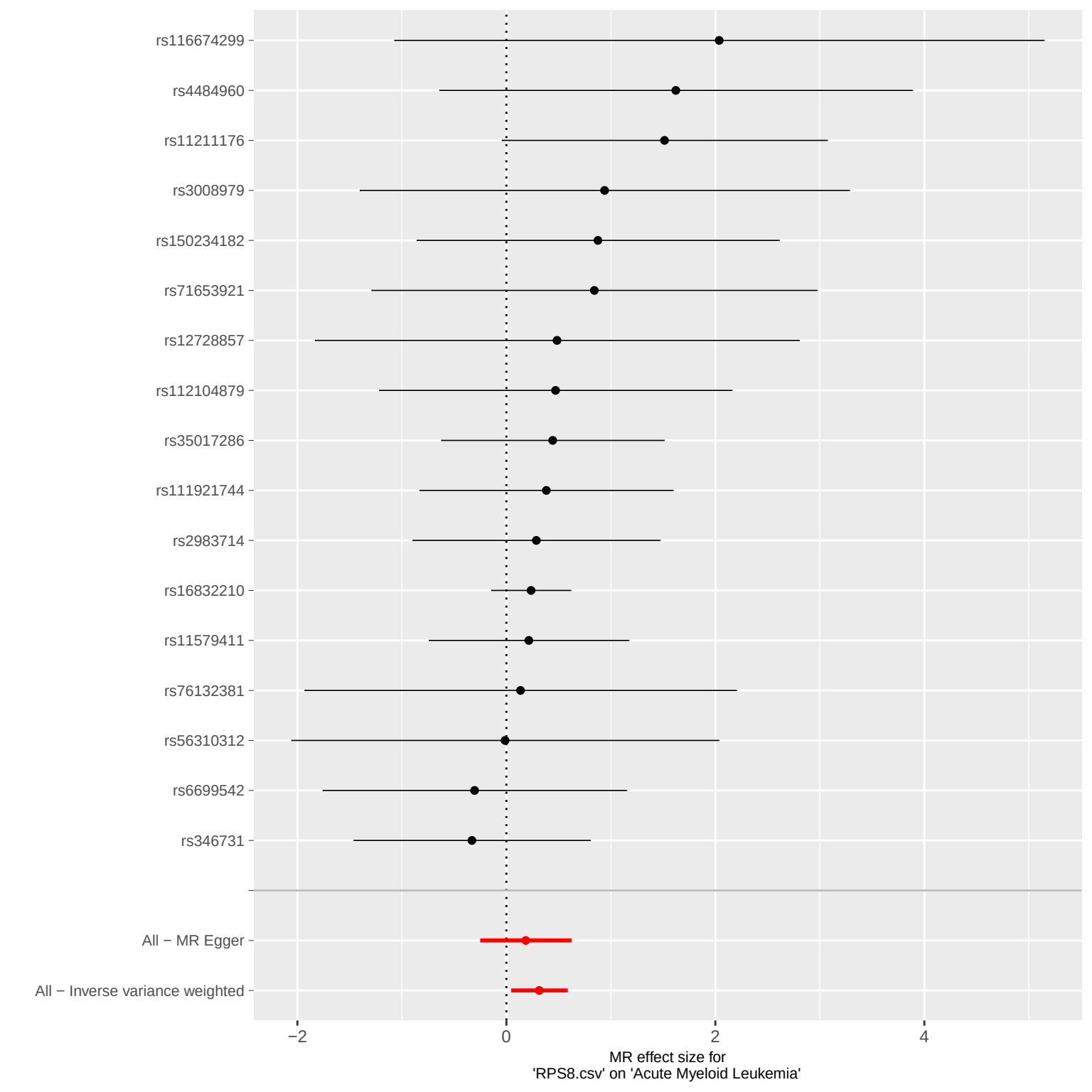
MR effect size for
'RPS6KA2.csv' on 'Acute Myeloid Leukemia'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rs16832210
rs11579411
rs76132381
rs56310312
rs6699542
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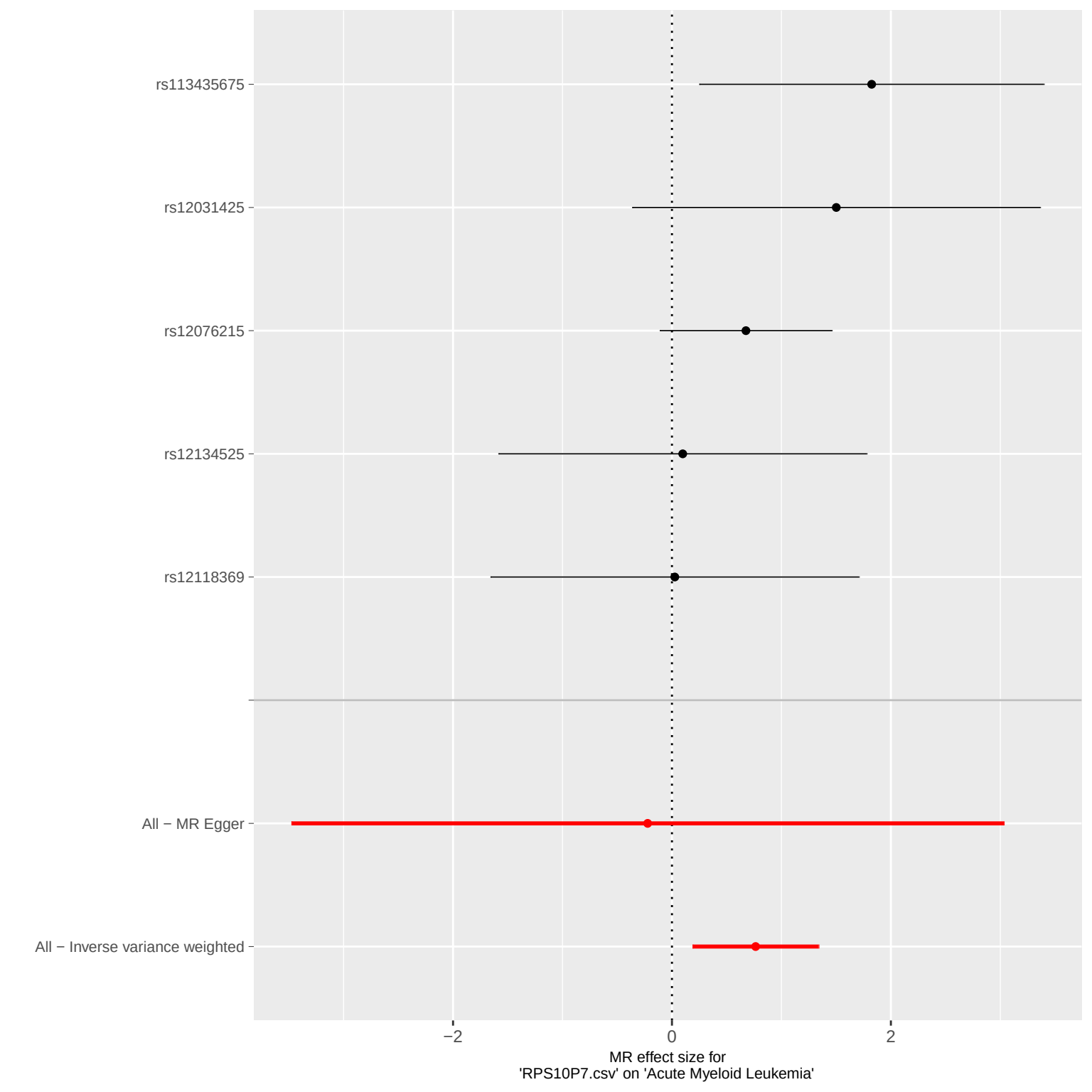
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RPS8.csv' on 'Acute Myeloid Leukemia'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rs12031425
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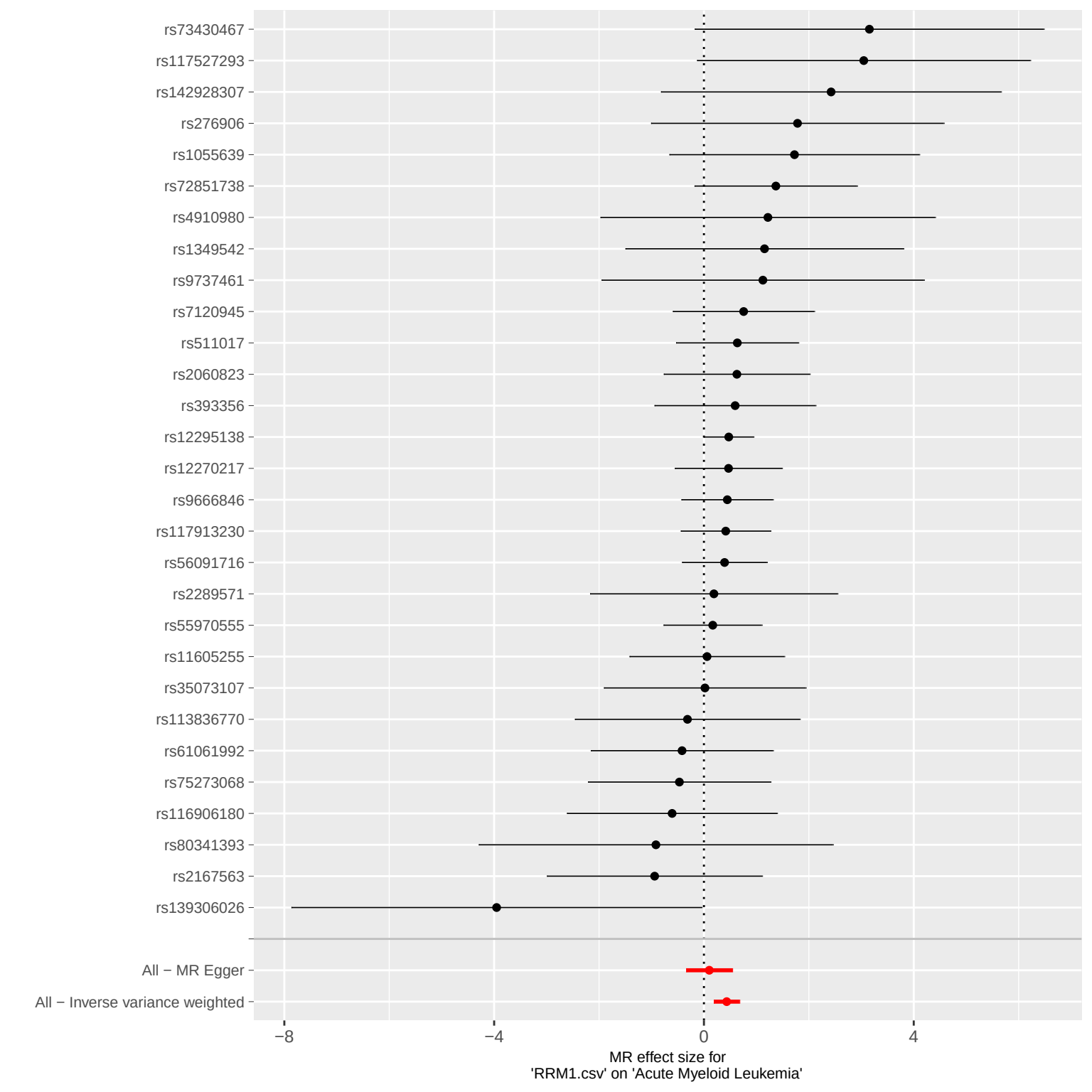
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RPS10P7.csv' on 'Acute Myeloid Leukemia'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rs2289571
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rs11605255
rs35073107
rs113836770
rs61061992
rs75273068
rs116906180
rs80341393
rs2167563
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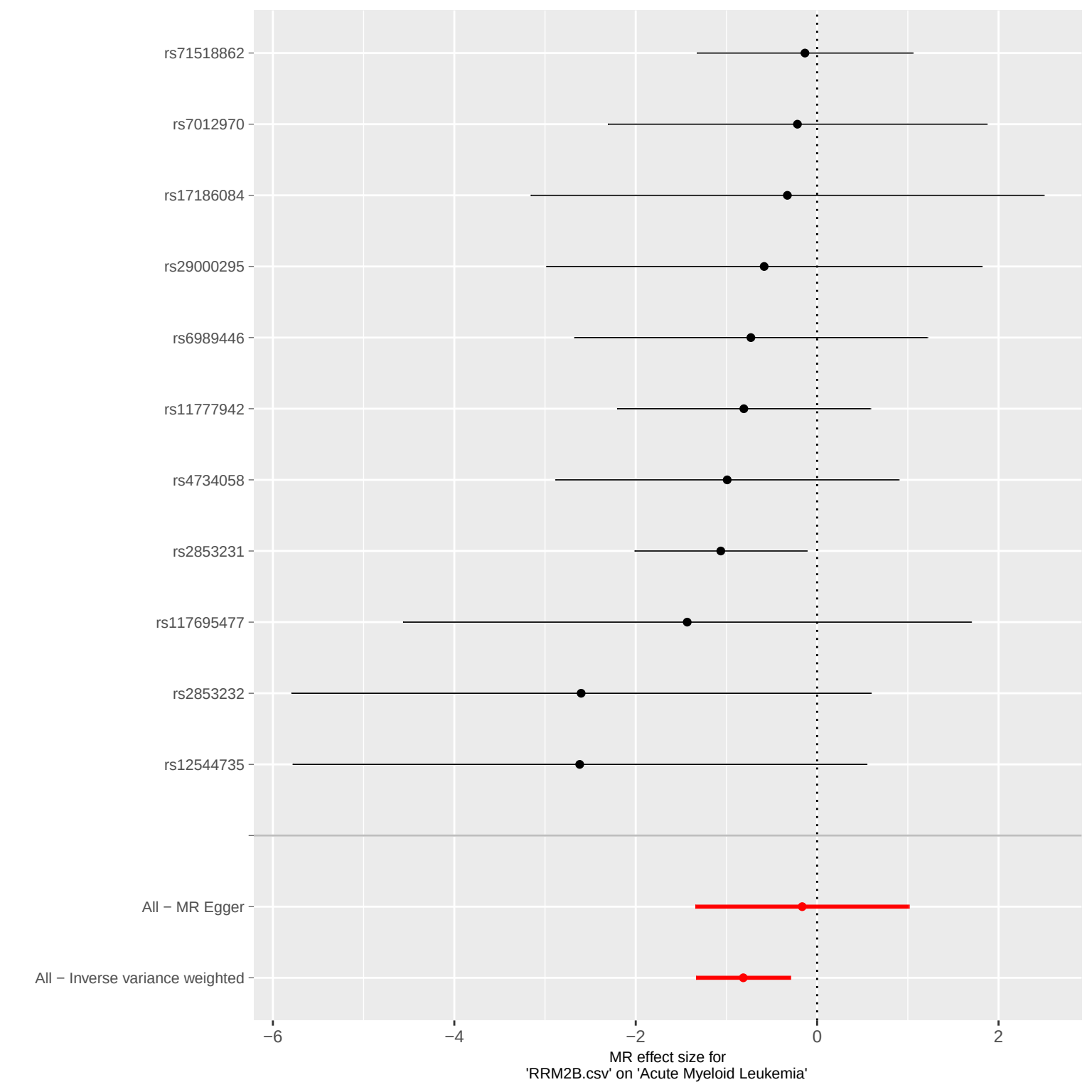
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'RRM1.csv' on 'Acute Myeloid Leukemia'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rs11777942
rs4734058
rs2853231
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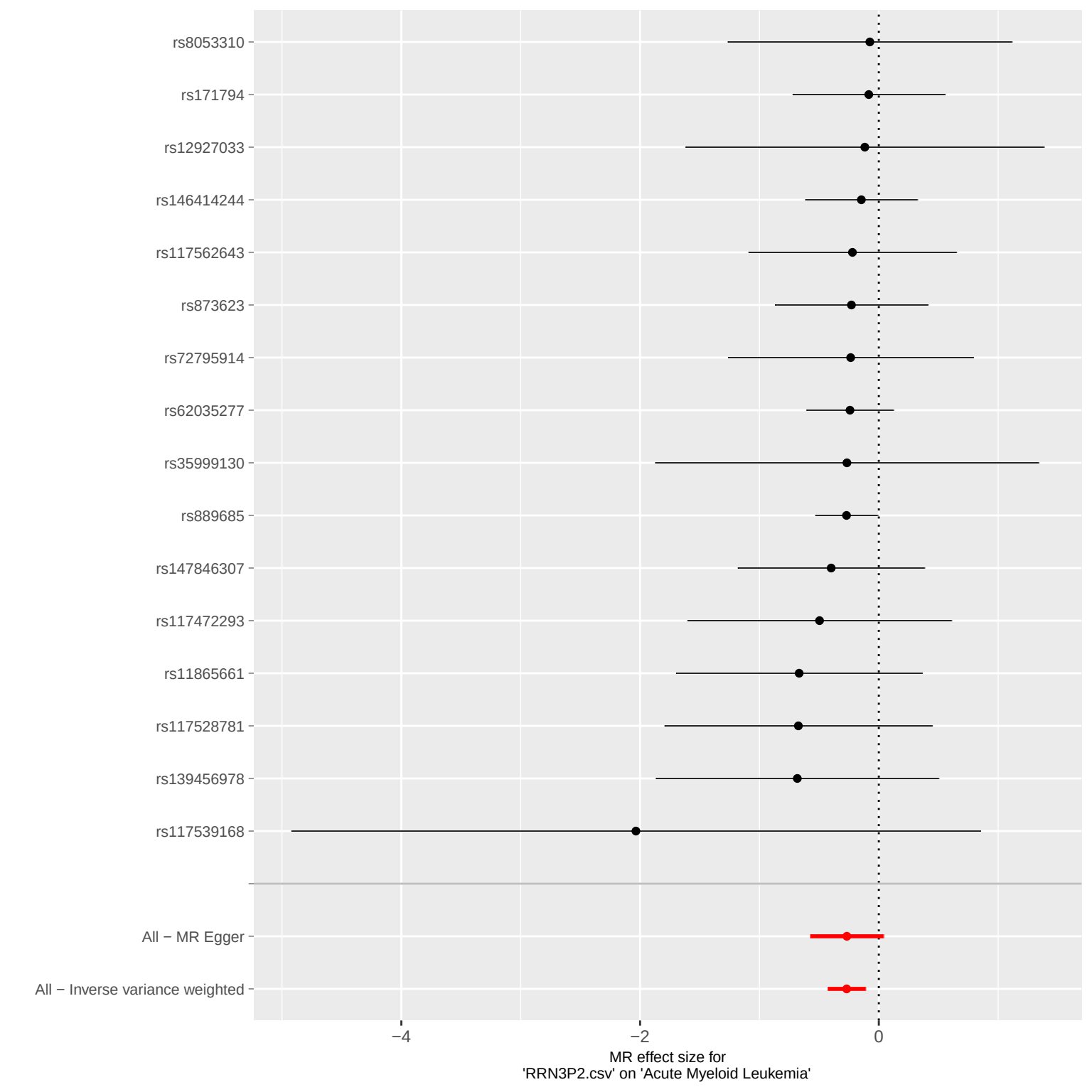
rs2853232
rs12544735
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'RRM2B.csv' on 'Acute Myeloid Leukemia'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rs62035277
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rs117472293
rs11865661
rs117528781
rs139456978
rs117539168
All − MR Egger
All − Inverse variance weighted
−4
−2
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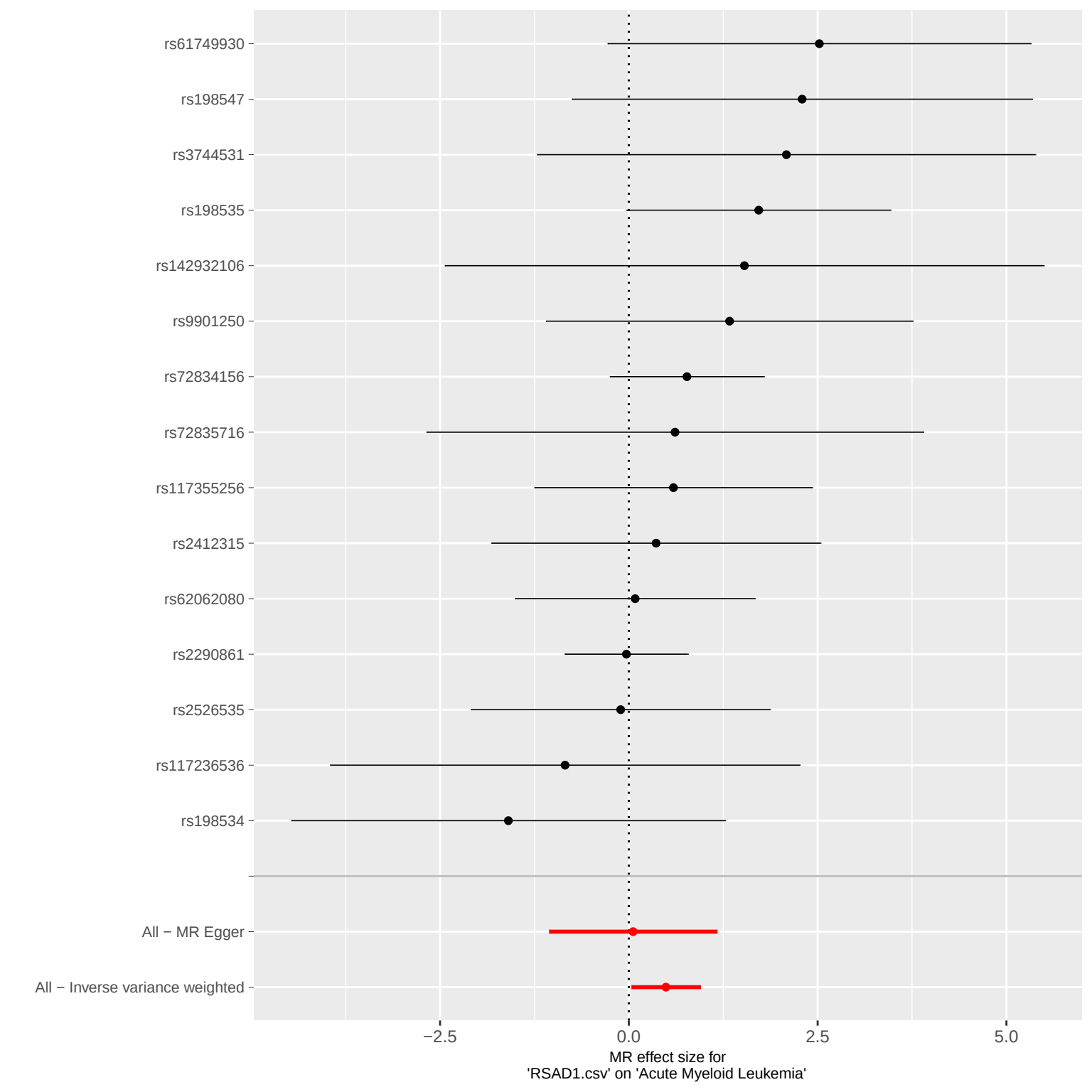
MR effect size for
'RRN3P2.csv' on 'Acute Myeloid Leukemia'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rs72834156
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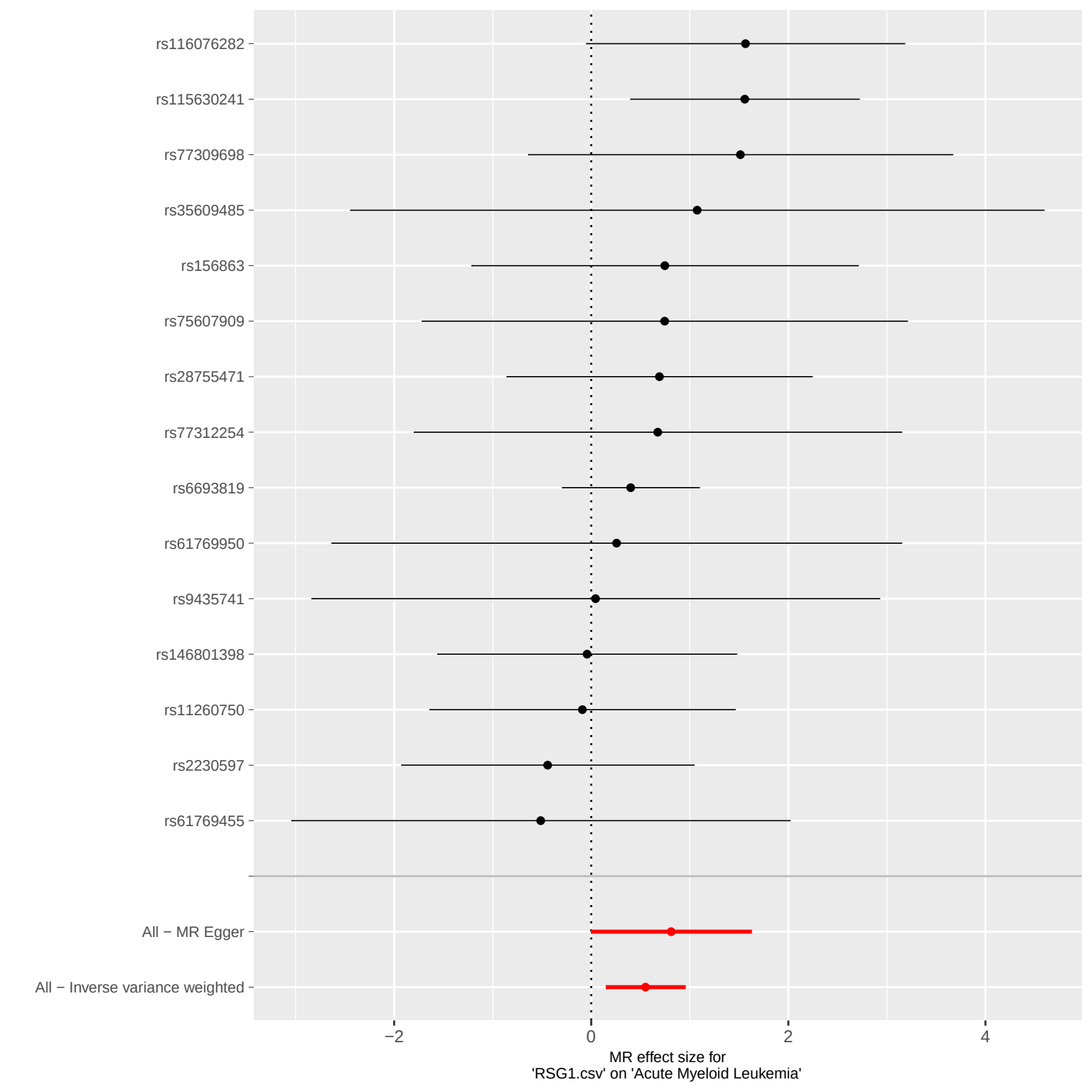
rs62062080
rs2290861
rs2526535
rs117236536
rs198534
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'RSAD1.csv' on 'Acute Myeloid Leukemia'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rs9435741
rs146801398
rs11260750
rs2230597
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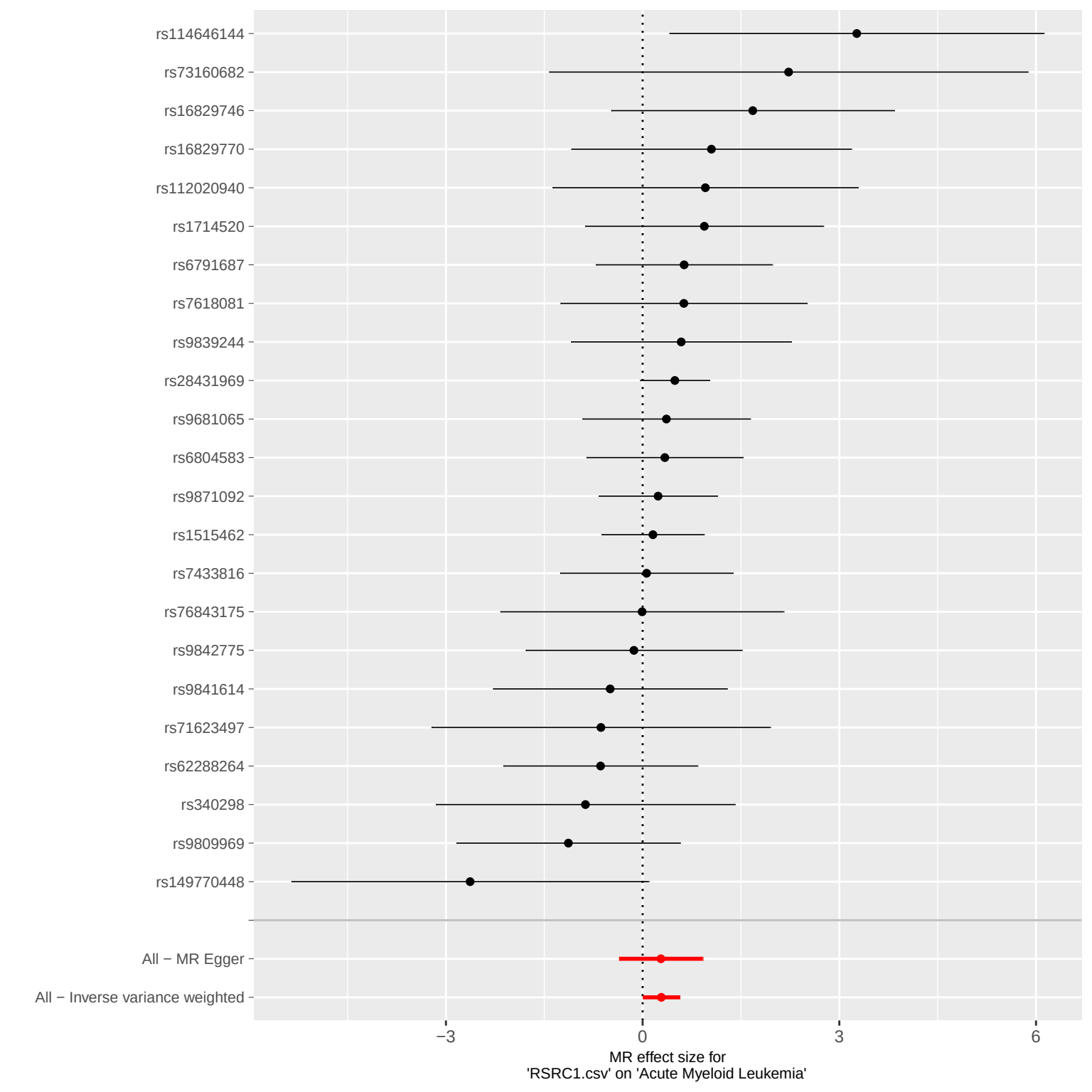
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RSG1.csv' on 'Acute Myeloid Leukemia'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rs1515462
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rs76843175
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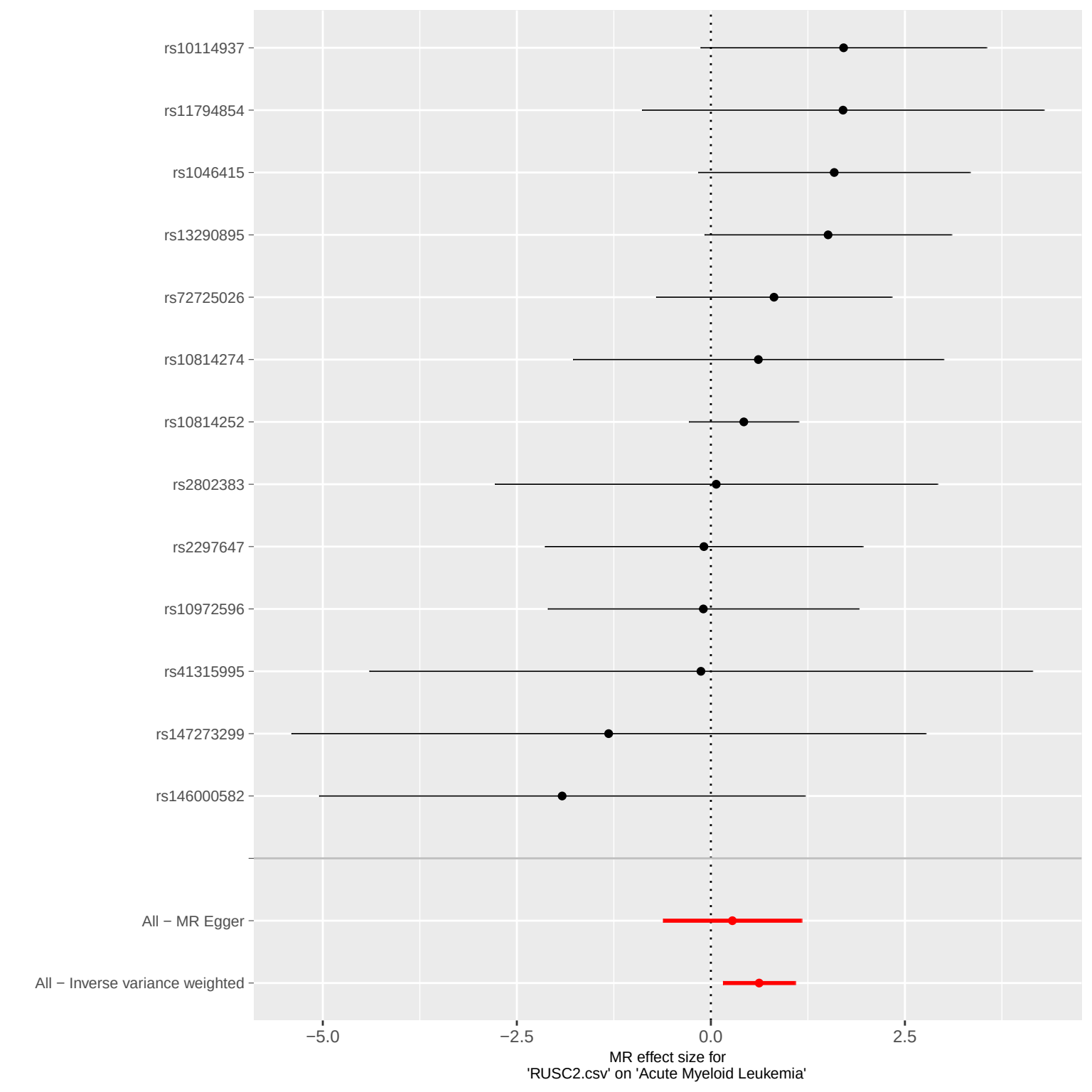
rs9841614
rs71623497
rs62288264
rs340298
rs9809969
rs149770448
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'RSRC1.csv' on 'Acute Myeloid Leukemia'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rs10814274
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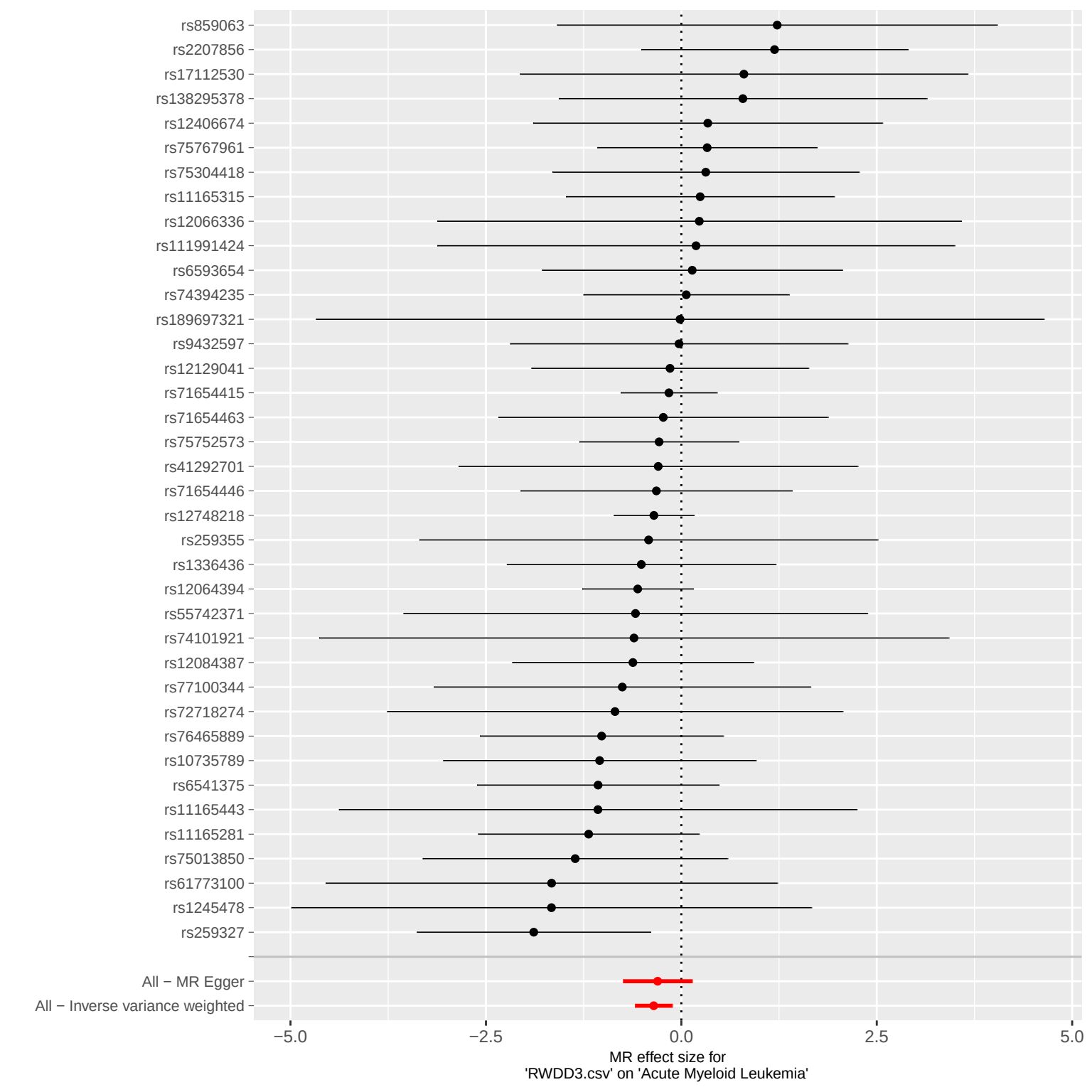
rs10972596
rs41315995
rs147273299
rs146000582
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'RUSC2.csv' on 'Acute Myeloid Leukemia'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rs75752573
rs41292701
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rs259355
rs1336436
rs12064394
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rs72718274
rs76465889
rs10735789
rs6541375
rs11165443
rs11165281
rs75013850
rs61773100
rs1245478
rs259327
All − MR Egger
All − Inverse variance weighted
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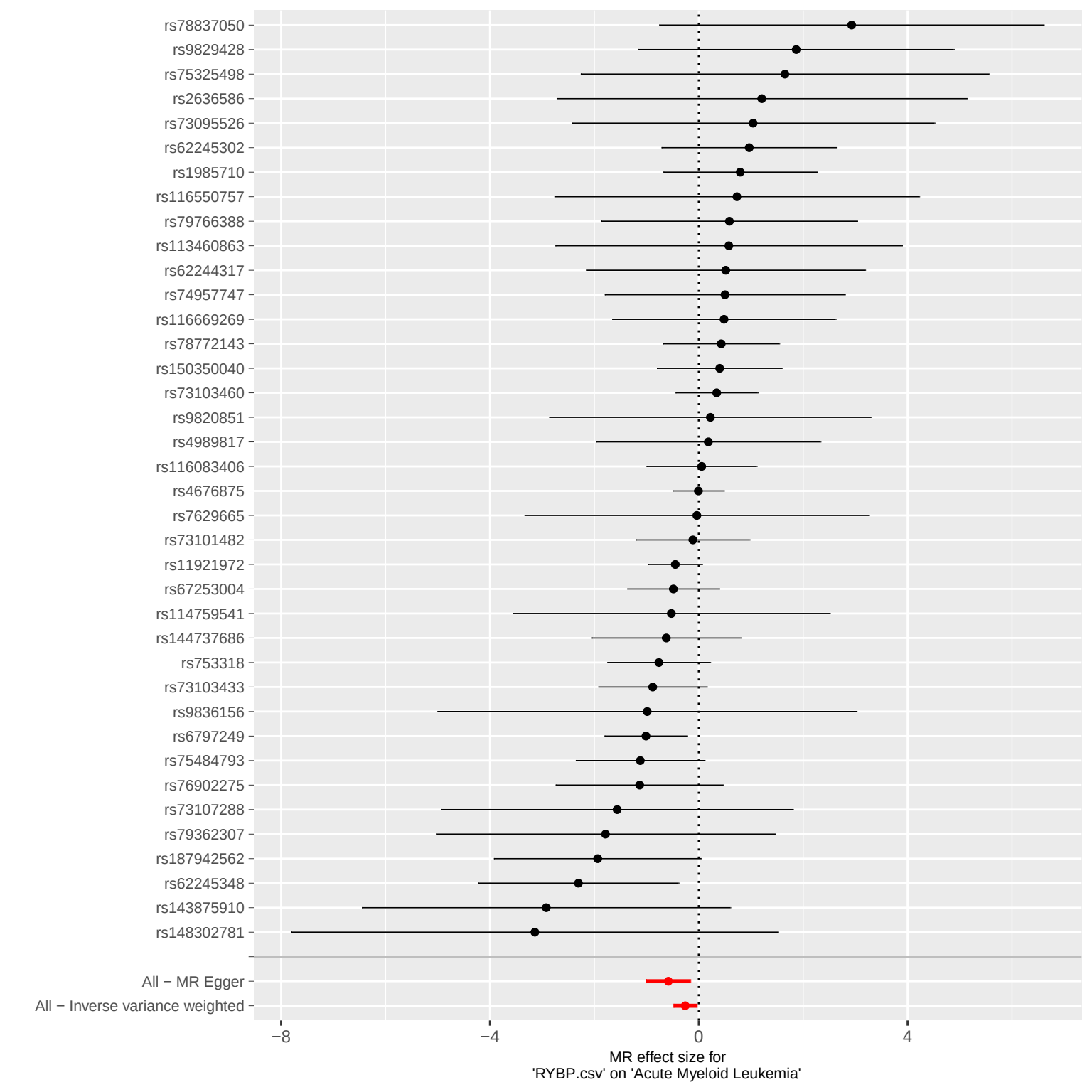
−2.5
0.0
2.5
5.0
MR effect size for
'RWDD3.csv' on 'Acute Myeloid Leukemia'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rs74957747
rs116669269
rs78772143
rs150350040
rs73103460
rs9820851
rs4989817
rs116083406
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rs7629665
rs73101482
rs11921972
rs67253004
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rs144737686
rs753318
rs73103433
rs9836156
rs6797249
rs75484793
rs76902275
rs73107288
rs79362307
rs187942562
rs62245348
rs143875910
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All − MR Egger
All − Inverse variance weighted
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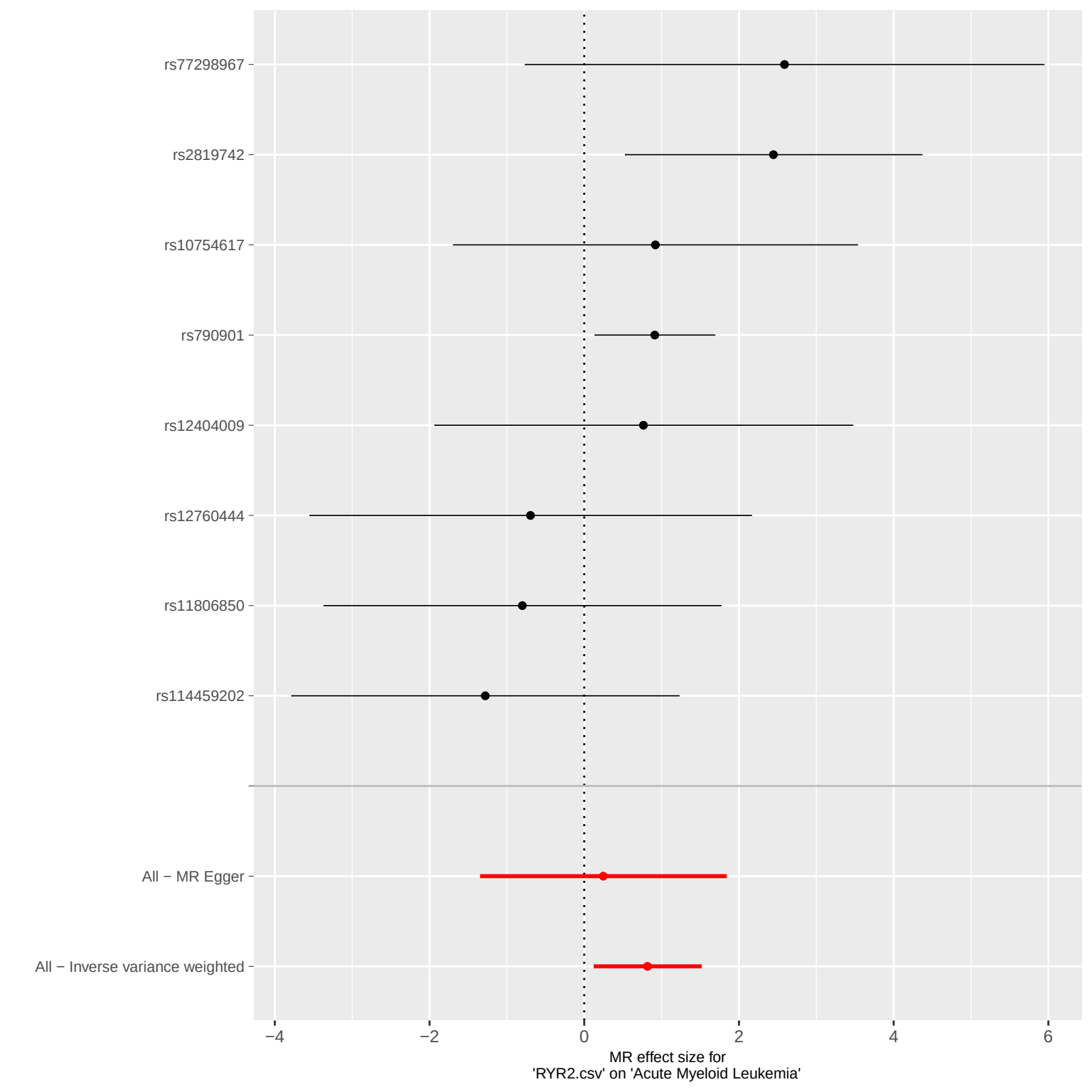
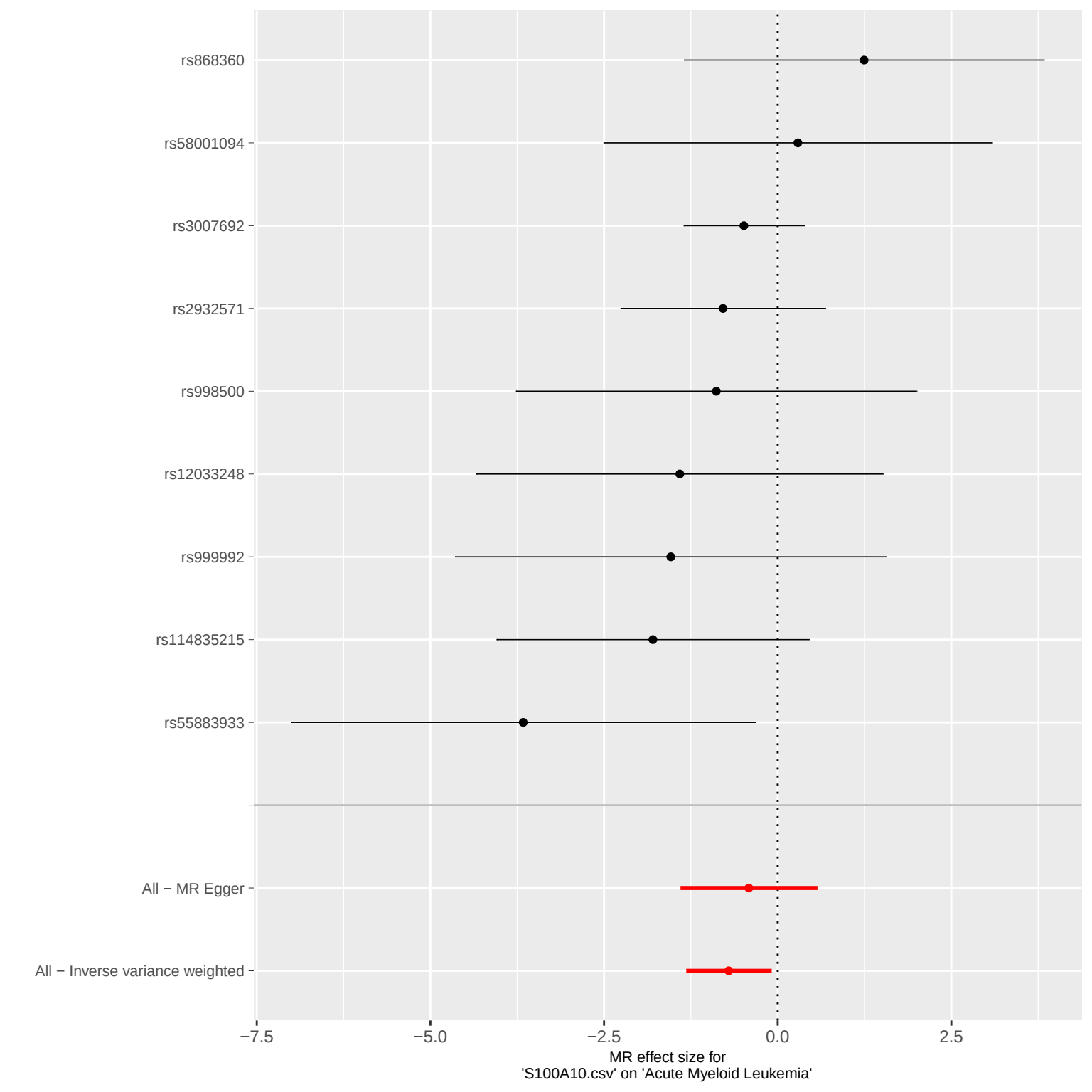
−4
0
4
MR effect size for
'RYBP.csv' on 'Acute Myeloid Leukemia'


rs77298967
rs2819742
rs10754617
rs790901
rs12404009
rs12760444
rs11806850
rs114459202
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'RYR2.csv' on 'Acute Myeloid Leukemia'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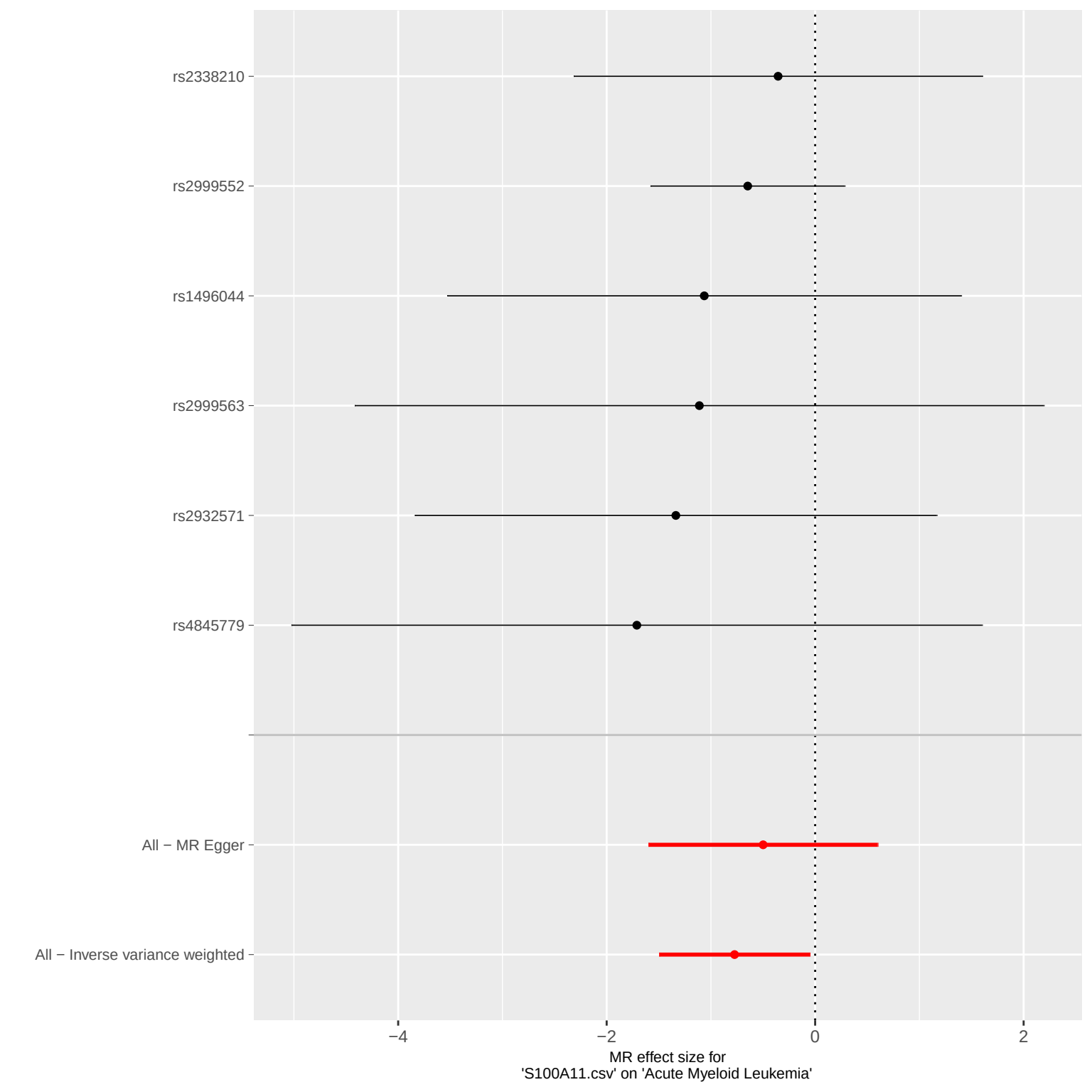
rs999992
rs114835215
rs55883933
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'S100A10.csv' on 'Acute Myeloid Leukemia'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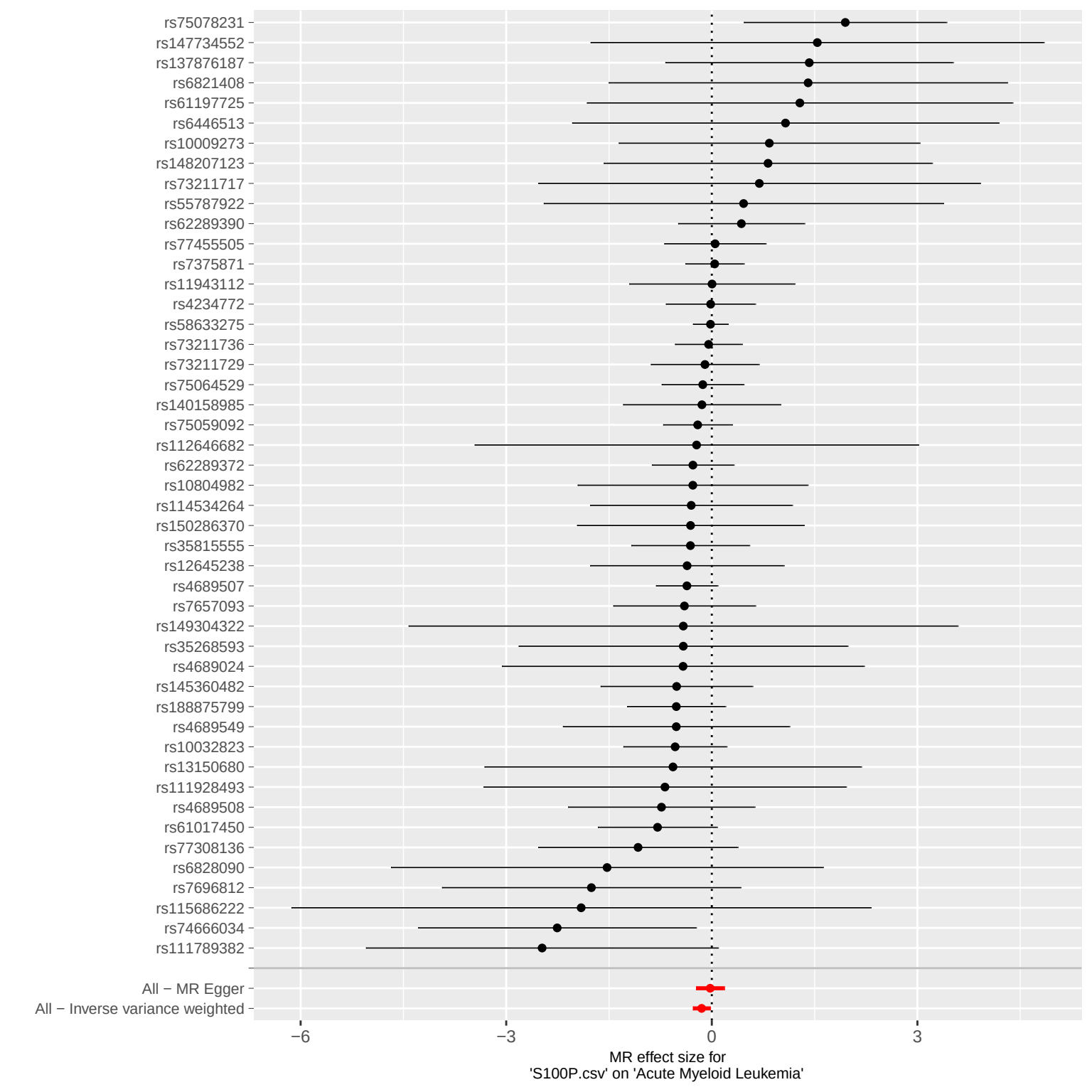
rs2999552
rs1496044
rs2999563
rs2932571
rs4845779
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'S100A11.csv' on 'Acute Myeloid Leukemia'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rs7657093
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rs111928493
rs4689508
rs61017450
rs77308136
rs6828090
rs7696812
rs115686222
rs74666034
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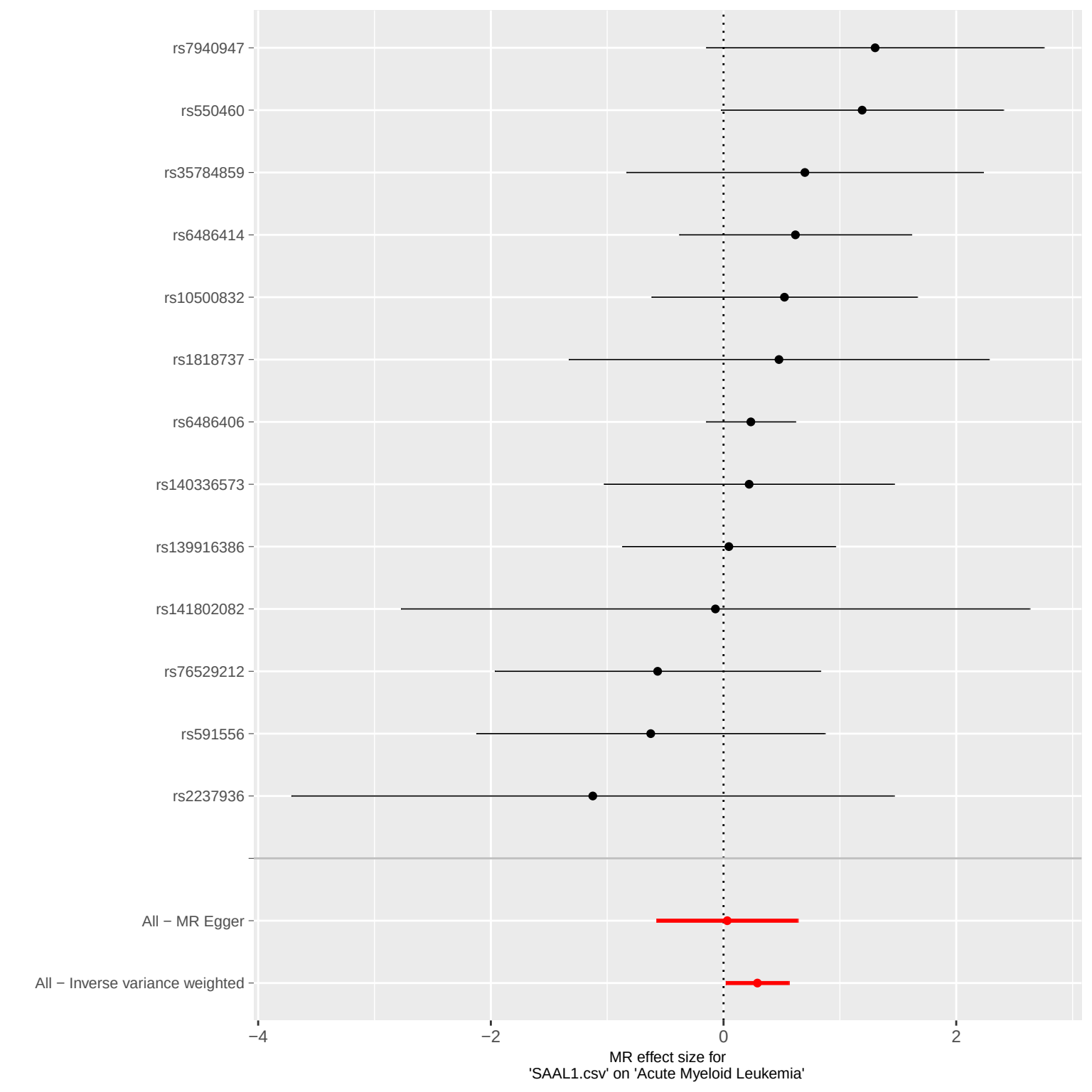
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'S100P.csv' on 'Acute Myeloid Leukemia'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rs6486414
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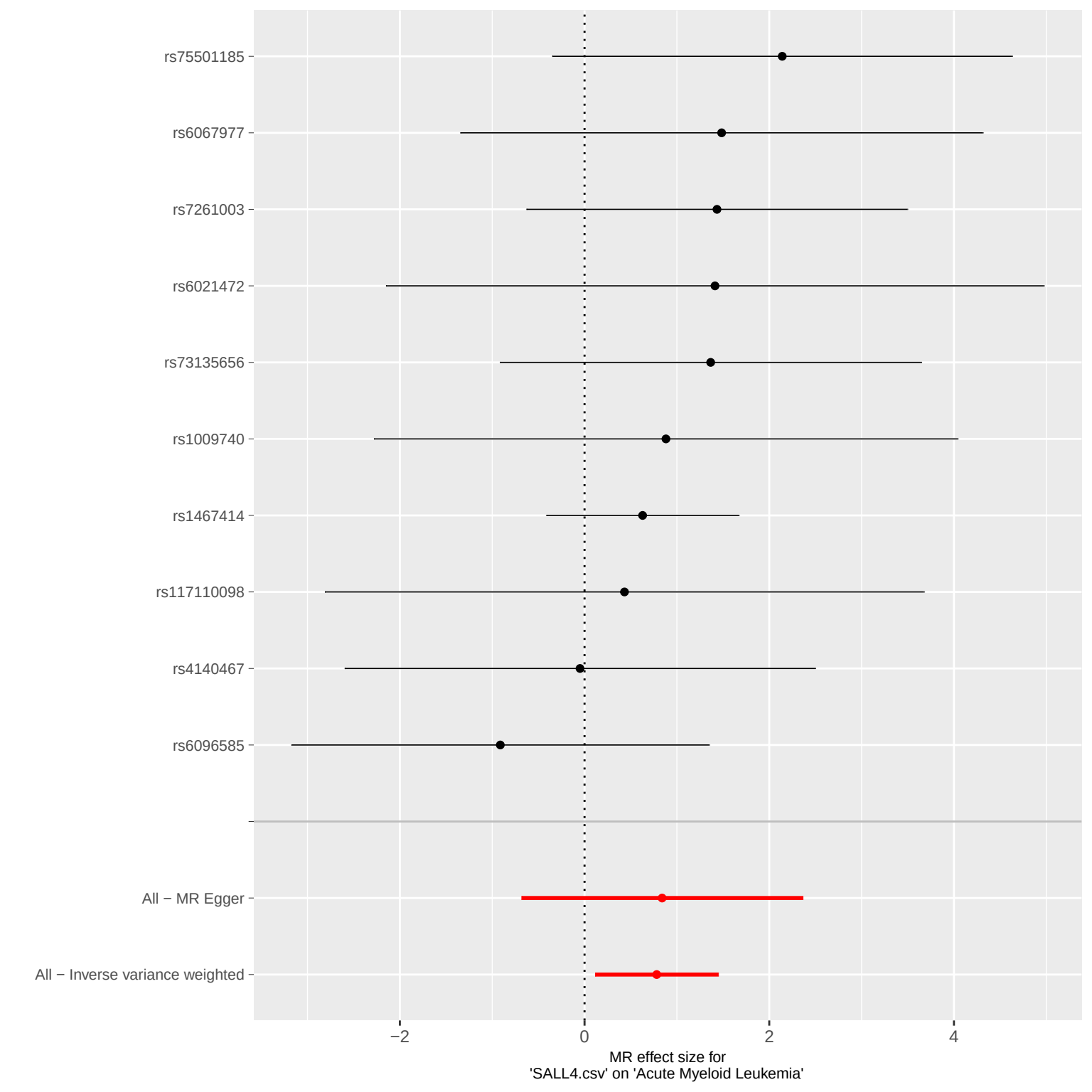
rs1818737
rs6486406
rs140336573
rs139916386
rs141802082
rs76529212
rs591556
rs2237936
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SAAL1.csv' on 'Acute Myeloid Leukemia'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rs6067977
rs7261003
rs6021472
rs73135656
rs1009740
rs1467414
rs117110098
rs4140467
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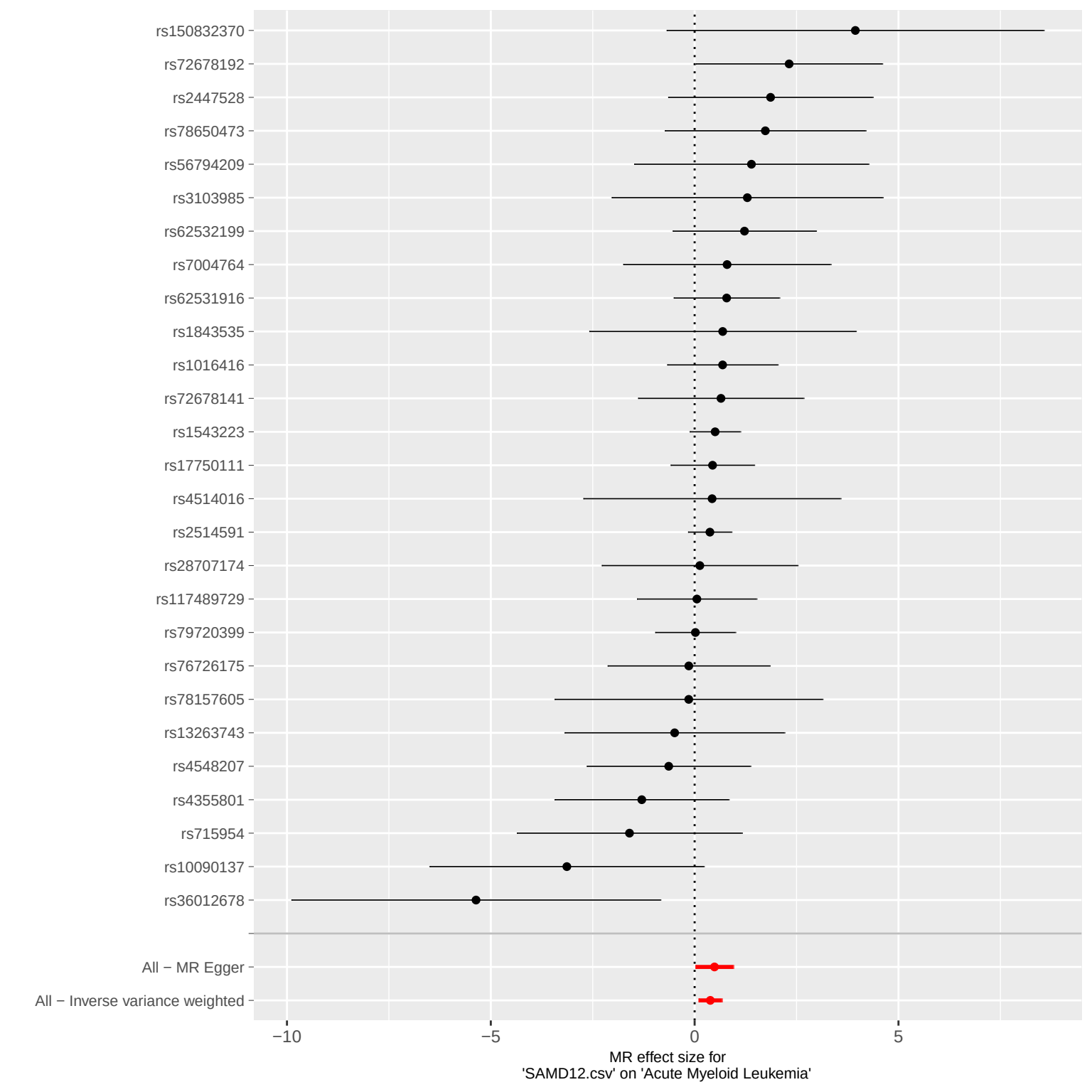
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SALL4.csv' on 'Acute Myeloid Leukemia'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rs1543223
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rs2514591
rs28707174
rs117489729
rs79720399
rs76726175
rs78157605
rs13263743
rs4548207
rs4355801
rs715954
rs10090137
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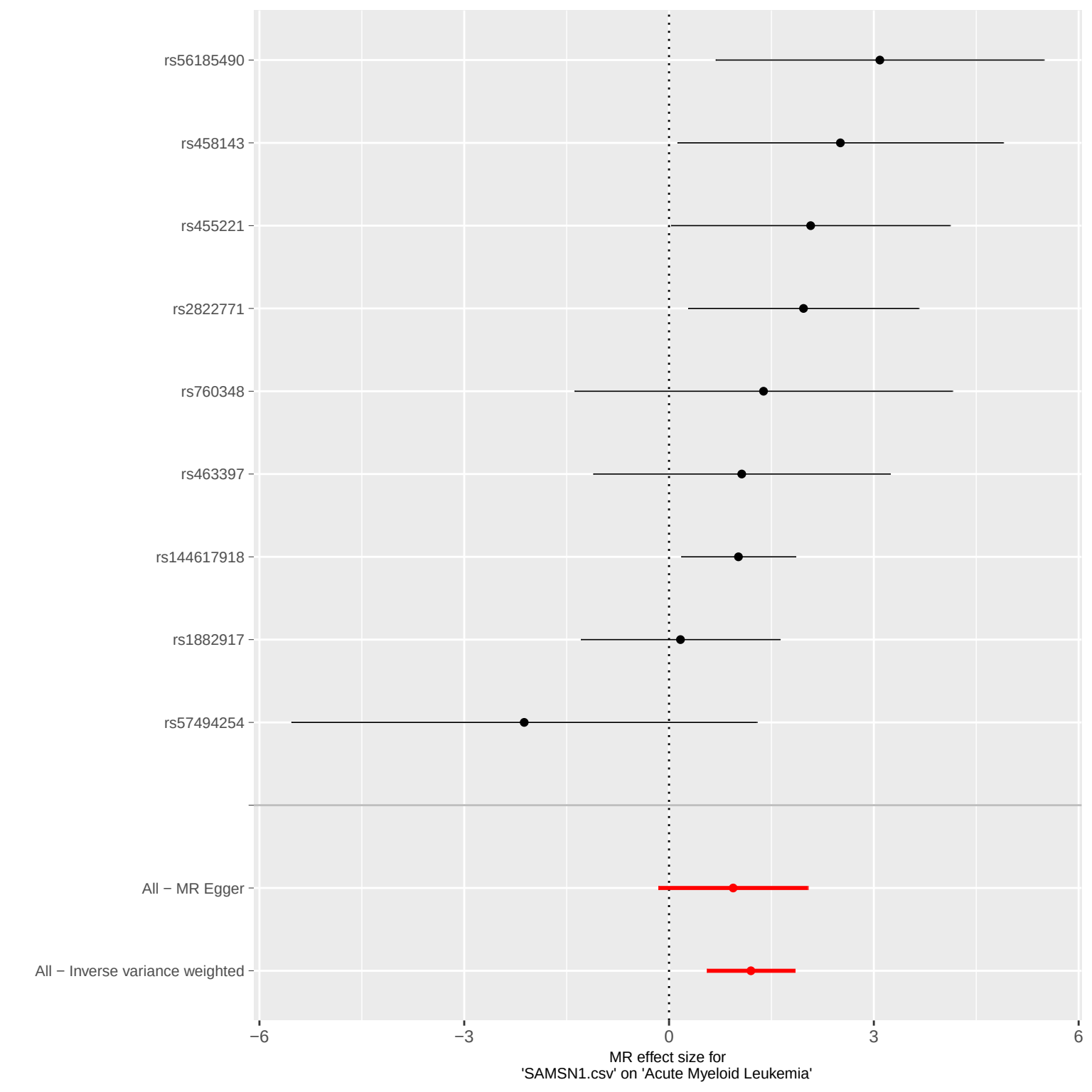
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SAMD12.csv' on 'Acute Myeloid Leukemia'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rs2822771
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rs463397
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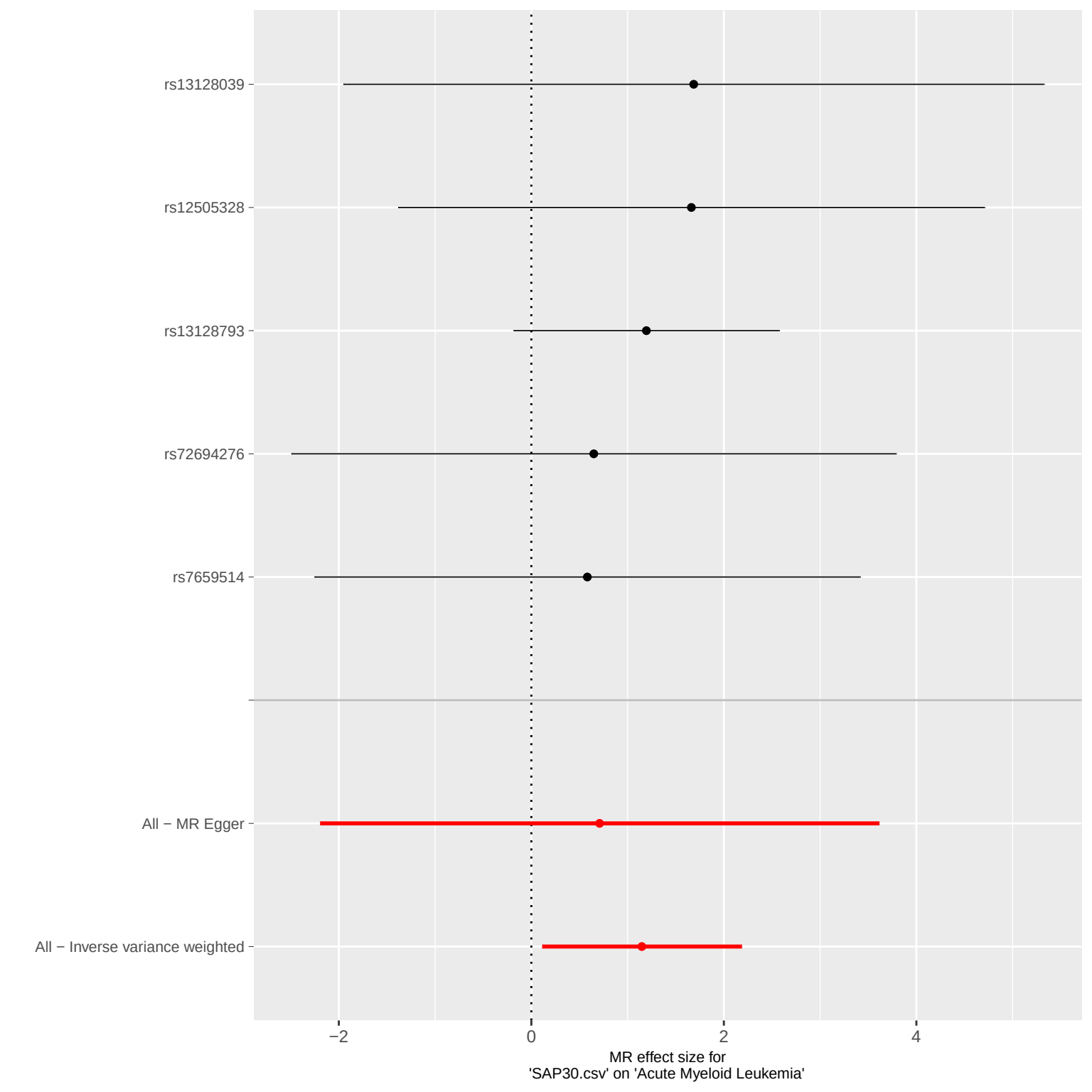
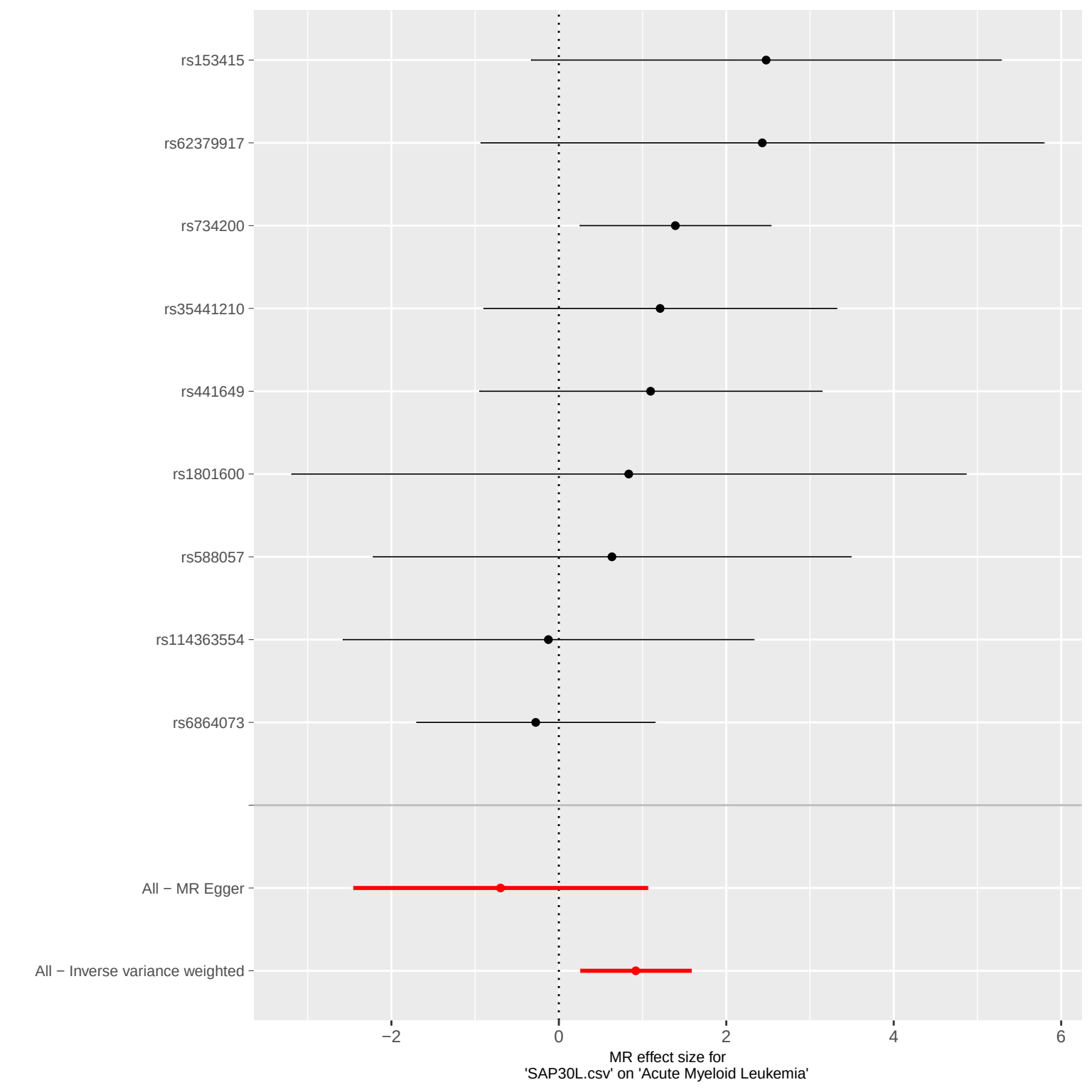
rs1882917
rs57494254
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'SAMSN1.csv' on 'Acute Myeloid Leukemia'


rs13128039
rs12505328
rs13128793
rs72694276
rs7659514
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SAP30.csv' on 'Acute Myeloid Leukemia'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rs1801600
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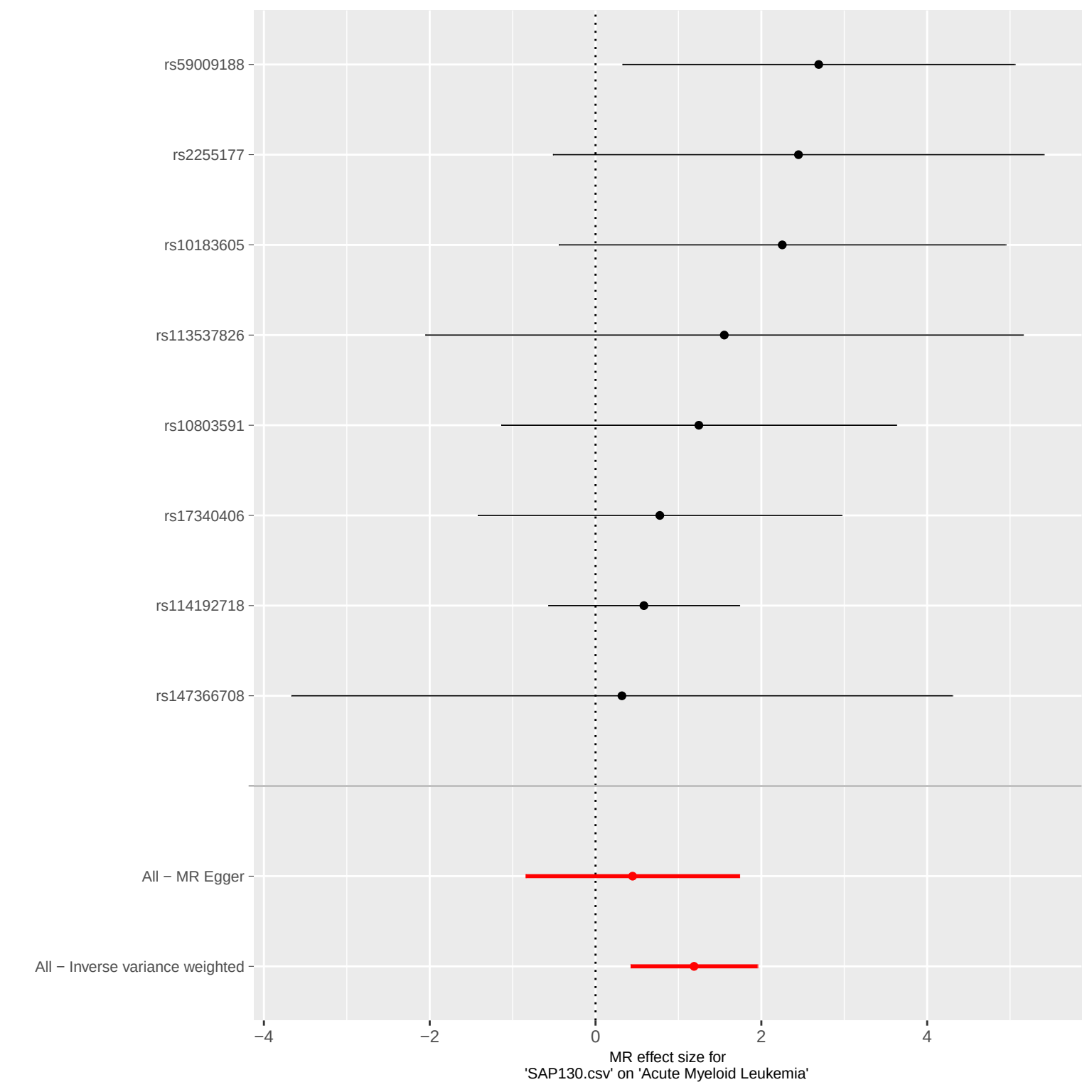
rs114363554
rs6864073
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'SAP30L.csv' on 'Acute Myeloid Leukemia'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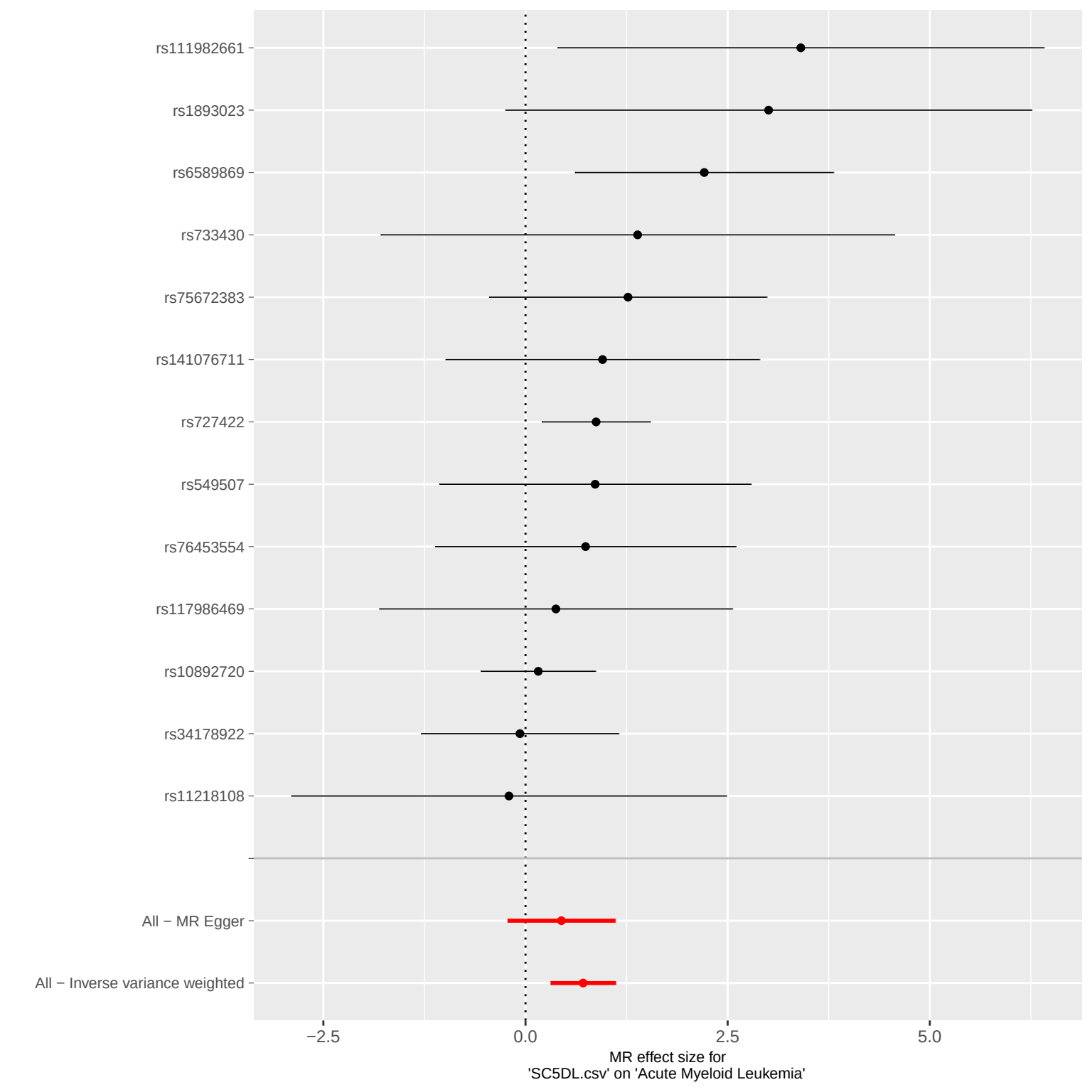
rs114192718
rs147366708
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'SAP130.csv' on 'Acute Myeloid Leukemia'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rs727422
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rs76453554
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rs10892720
rs34178922
rs11218108
All − MR Egger
All − Inverse variance weighted
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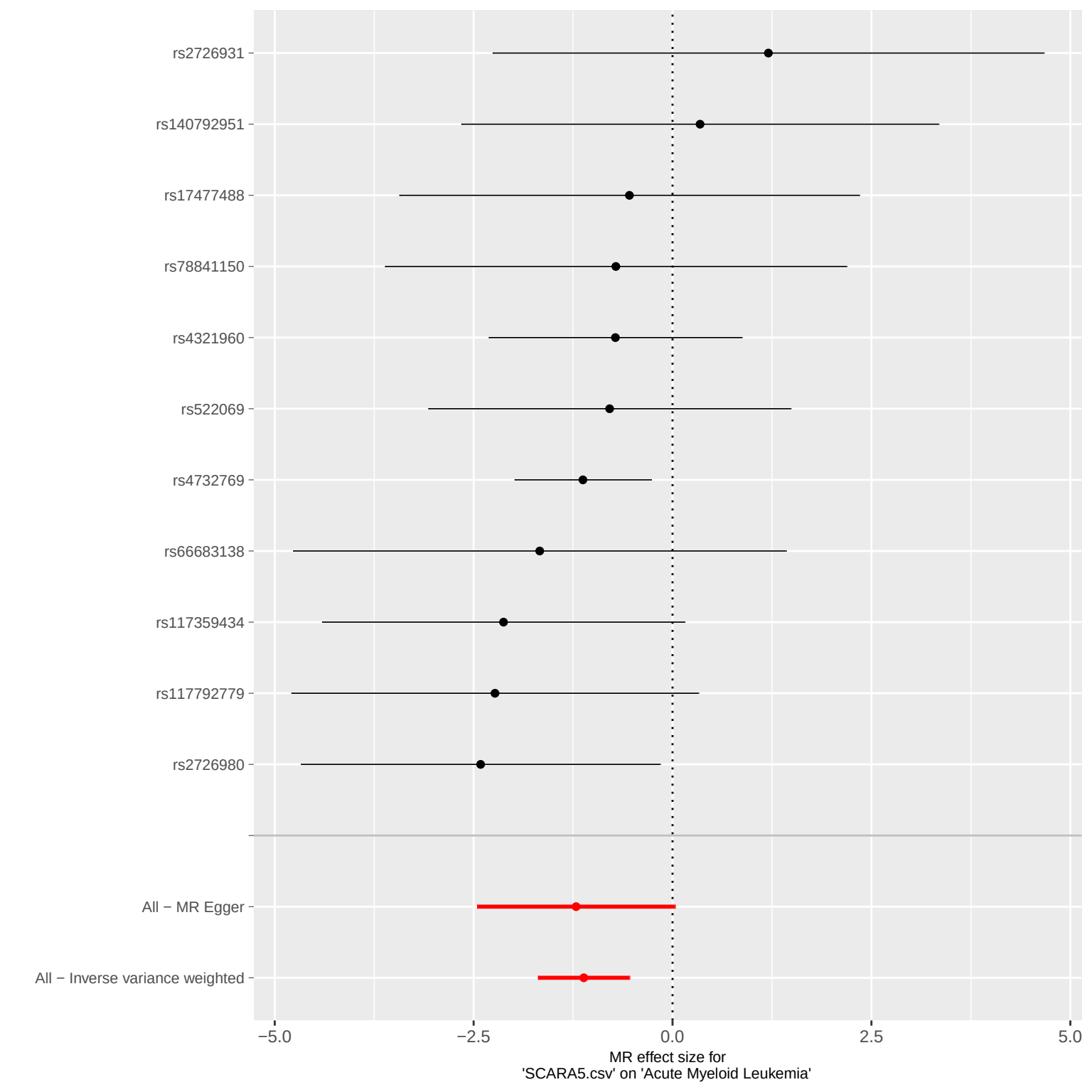
0.0
2.5
5.0
MR effect size for
'SC5DL.csv' on 'Acute Myeloid Leukemia'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rs4732769
rs66683138
rs117359434
rs117792779
rs2726980
All − MR Egger
All − Inverse variance weighted
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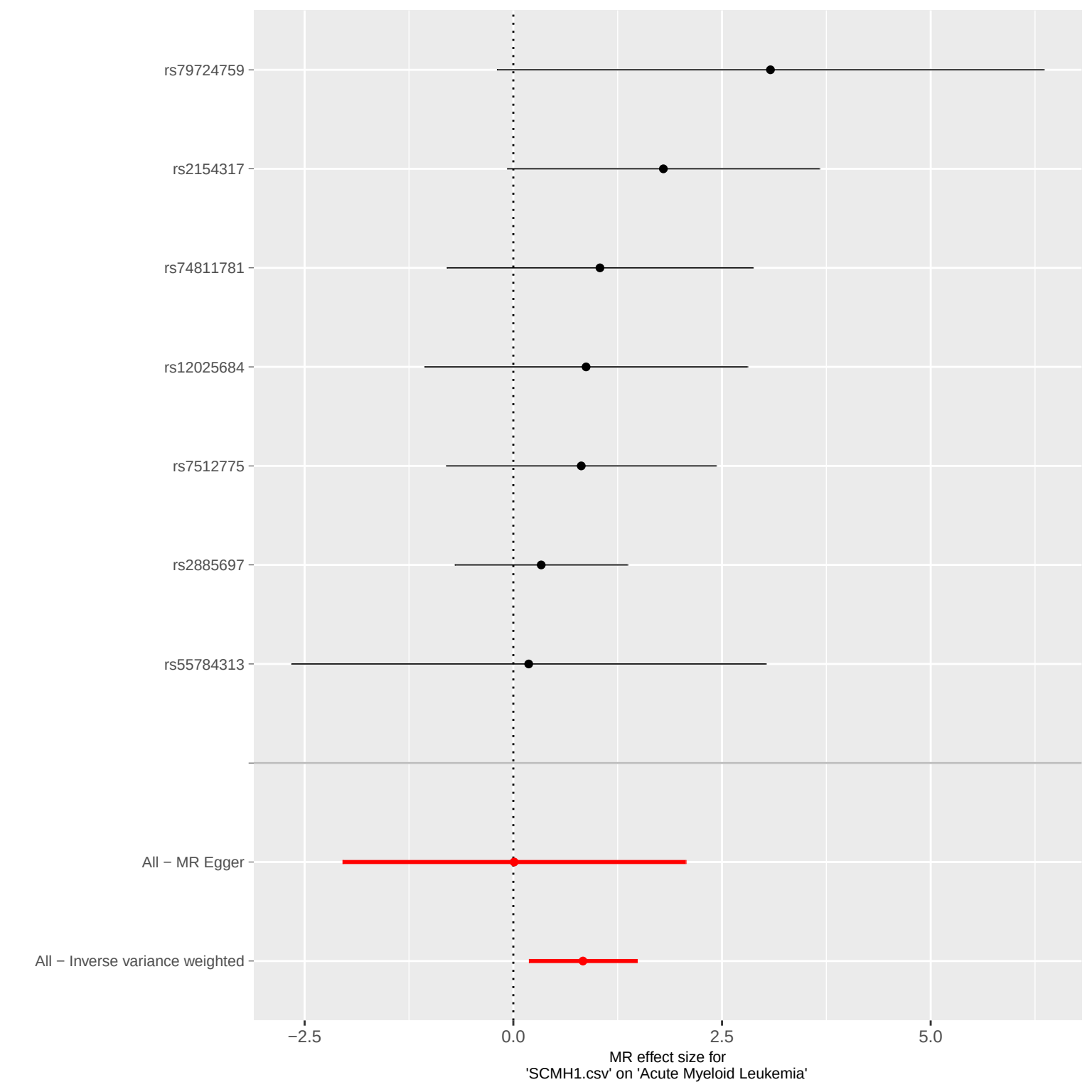
−2.5
0.0
2.5
5.0
MR effect size for
'SCARA5.csv' on 'Acute Myeloid Leukemia'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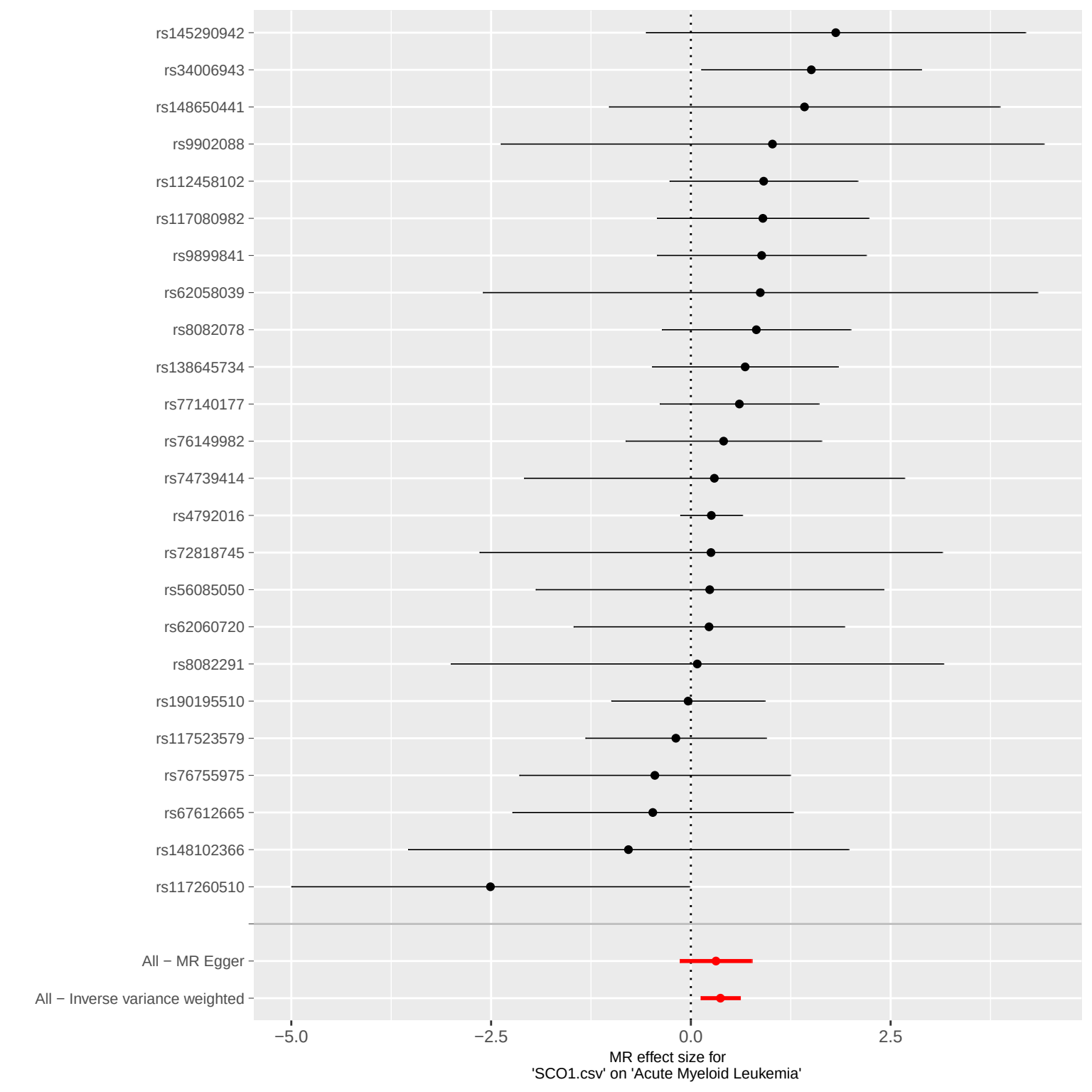
rs7512775
rs2885697
rs55784313
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SCMH1.csv' on 'Acute Myeloid Leukemia'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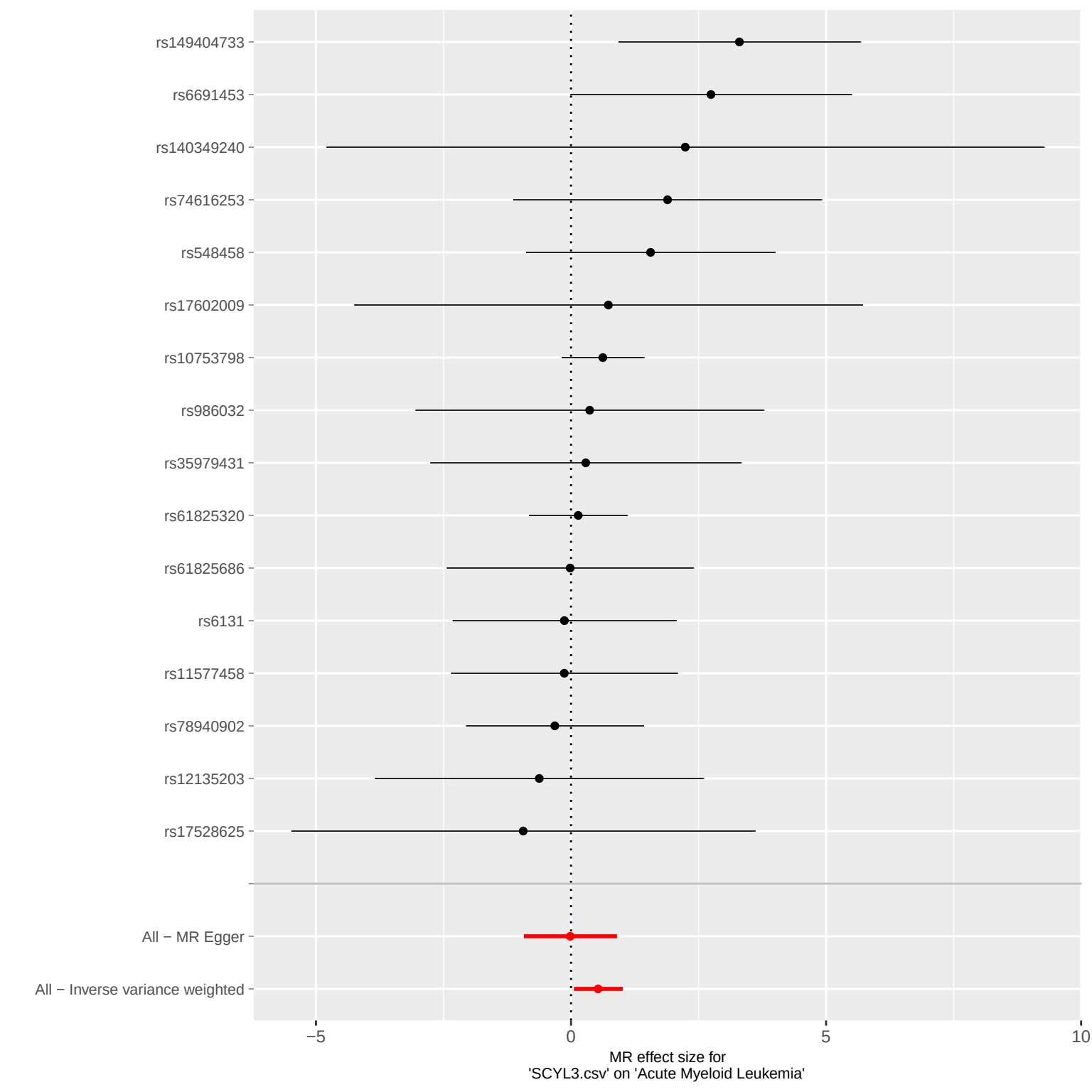
rs56085050
rs62060720
rs8082291
rs190195510
rs117523579
rs76755975
rs67612665
rs148102366
rs117260510
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SCO1.csv' on 'Acute Myeloid Leukemia'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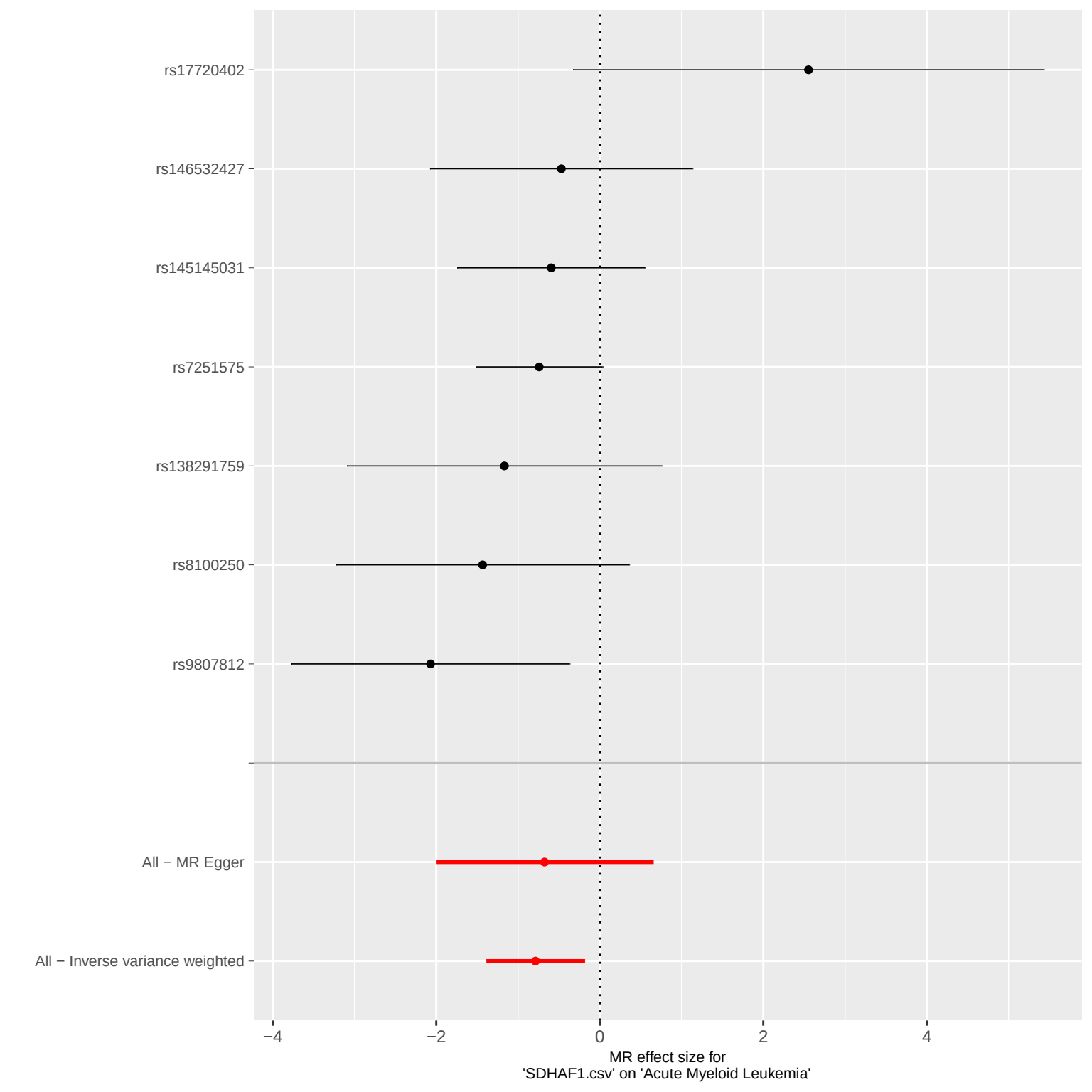
rs986032
rs35979431
rs61825320
rs61825686
rs6131
rs11577458
rs78940902
rs12135203
rs17528625
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SCYL3.csv' on 'Acute Myeloid Leukemia'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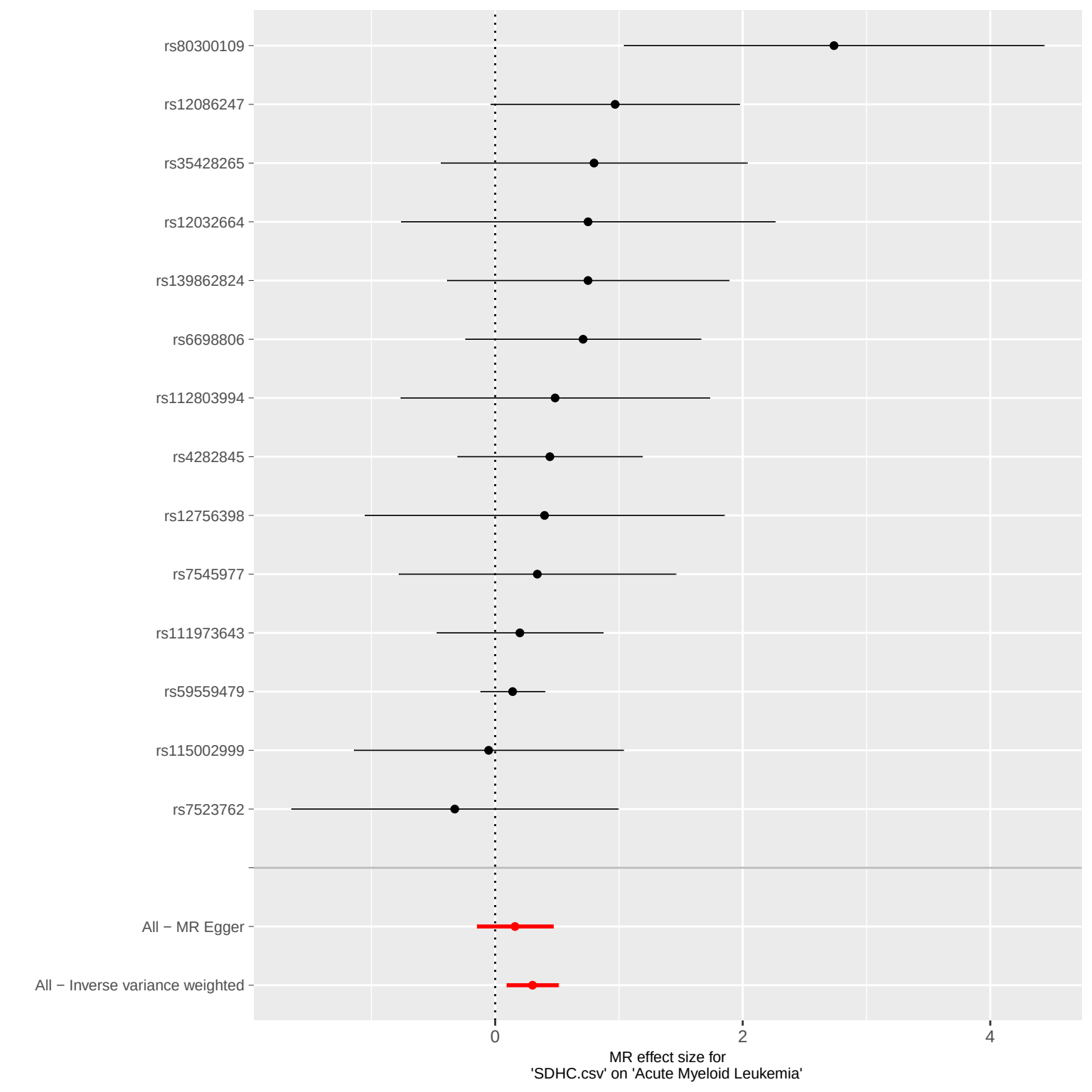
rs146532427
rs145145031
rs7251575
rs138291759
rs8100250
rs9807812
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'SDHAF1.csv' on 'Acute Myeloid Leukemia'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rs112803994
rs4282845
rs12756398
rs7545977
rs111973643
rs59559479
rs115002999
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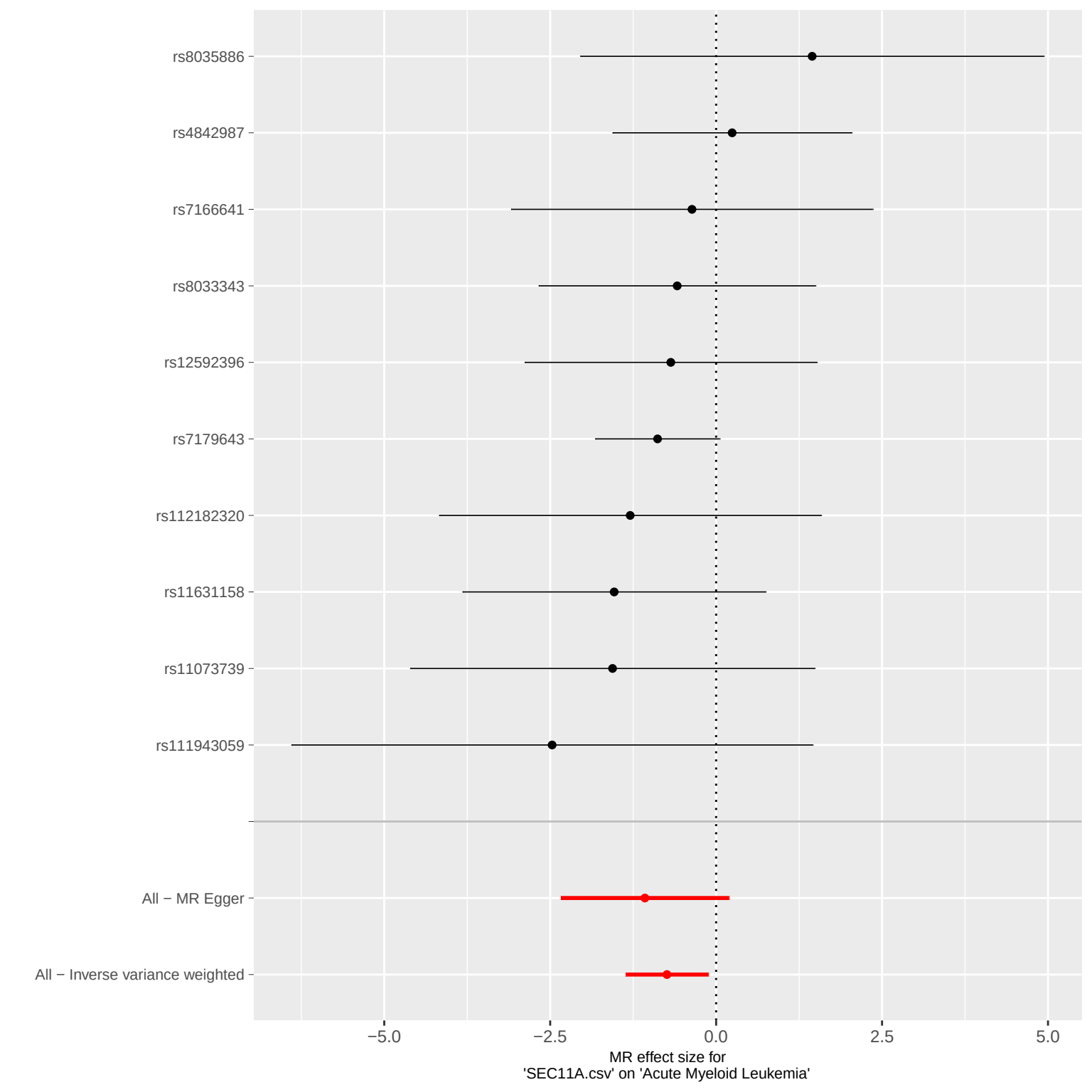
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'SDHC.csv' on 'Acute Myeloid Leukemia'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rs4842987
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rs7179643
rs112182320
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rs11073739
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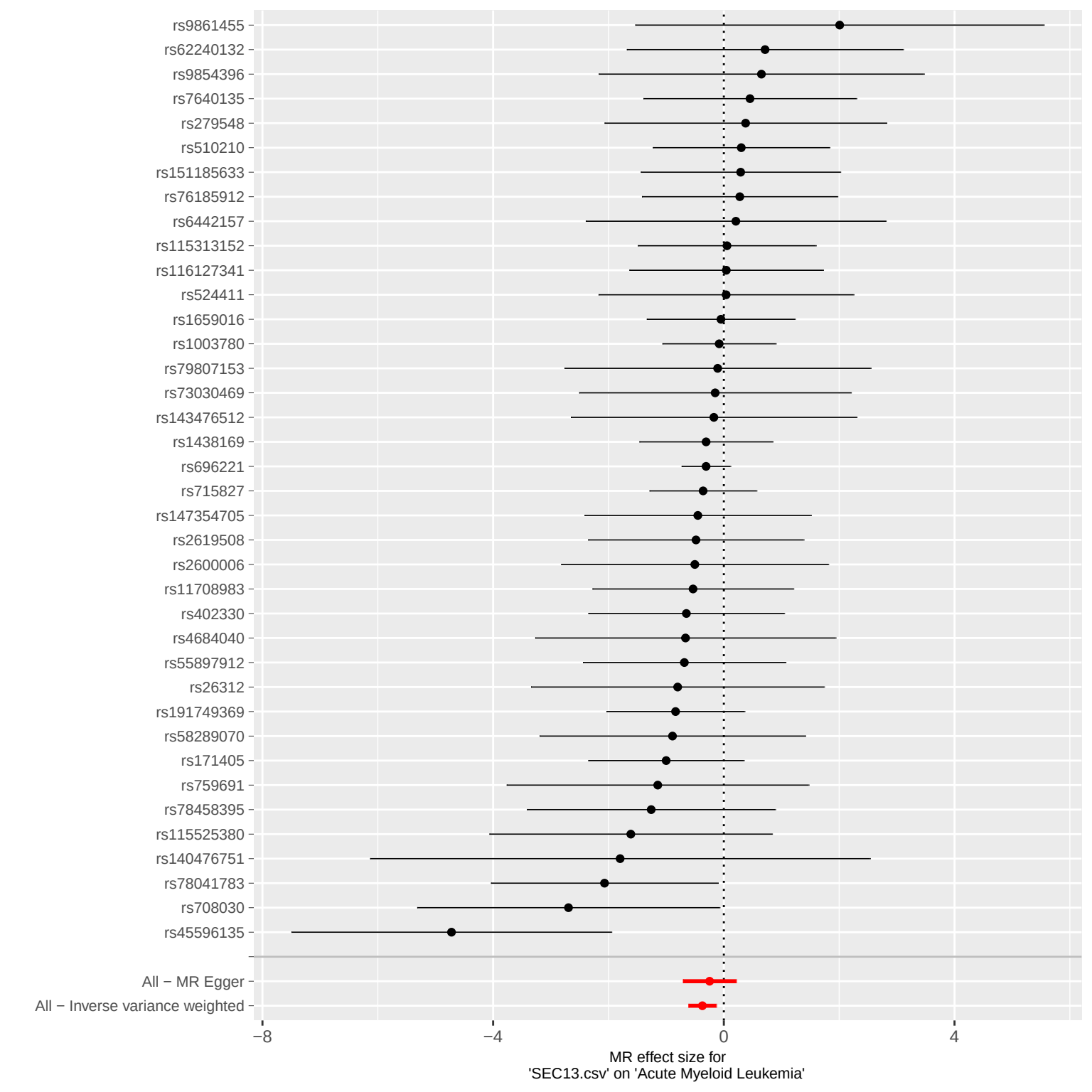
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'SEC11A.csv' on 'Acute Myeloid Leukemia'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rs402330
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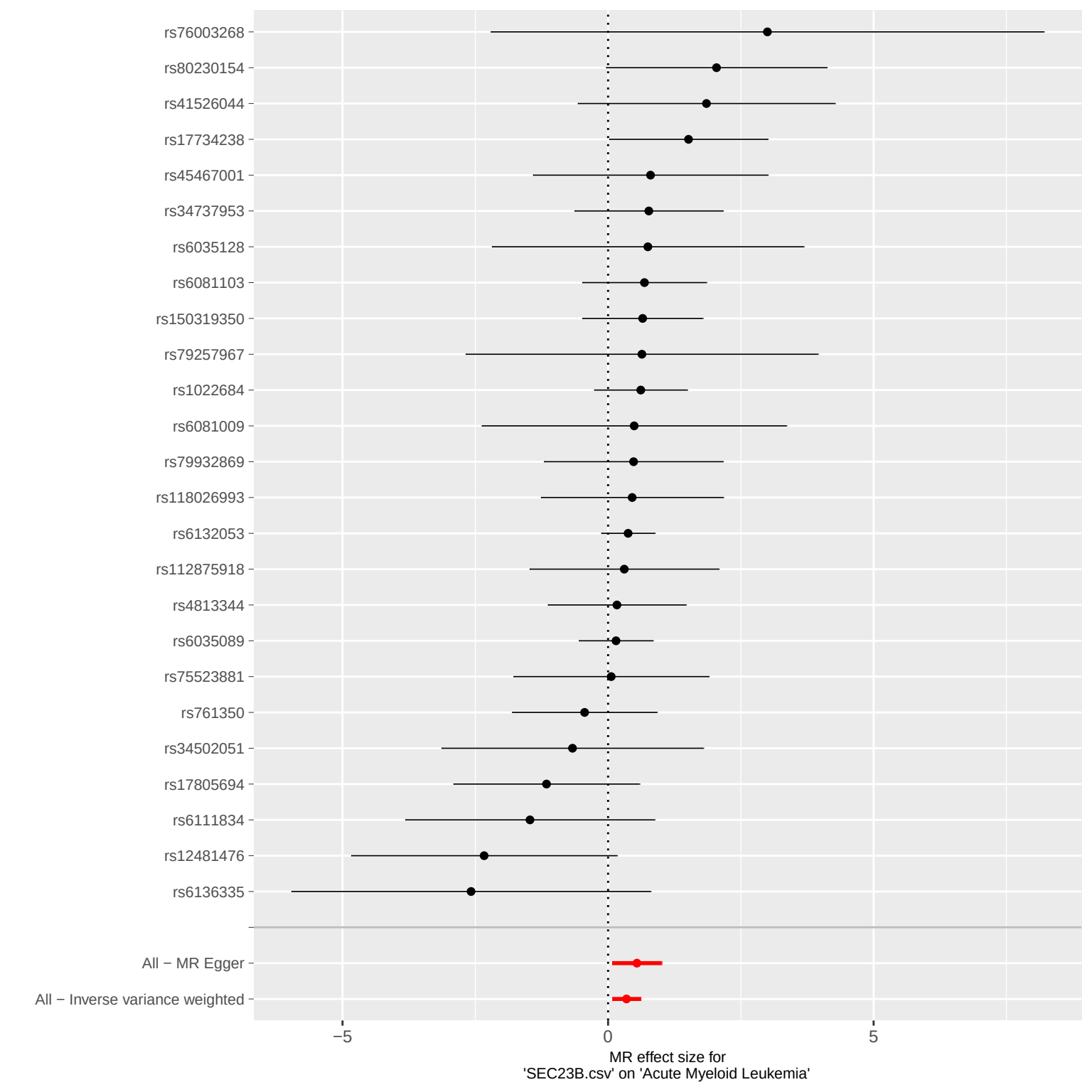
rs55897912
rs26312
rs191749369
rs58289070
rs171405
rs759691
rs78458395
rs115525380
rs140476751
rs78041783
rs708030
rs45596135
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SEC13.csv' on 'Acute Myeloid Leukemia'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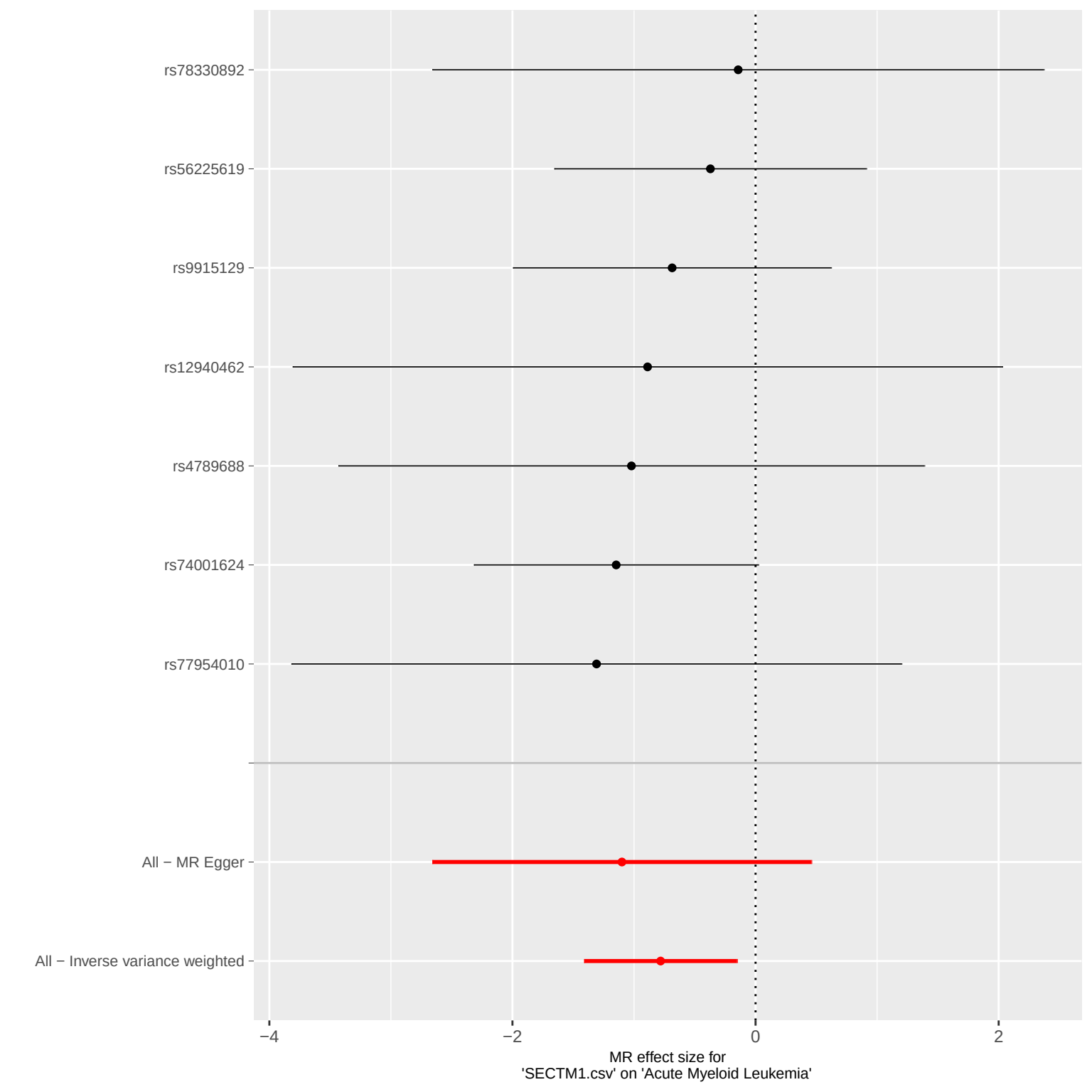
rs6081103
rs150319350
rs79257967
rs1022684
rs6081009
rs79932869
rs118026993
rs6132053
rs112875918
rs4813344
rs6035089
rs75523881
rs761350
rs34502051
rs17805694
rs6111834
rs12481476
rs6136335
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SEC23B.csv' on 'Acute Myeloid Leukemia'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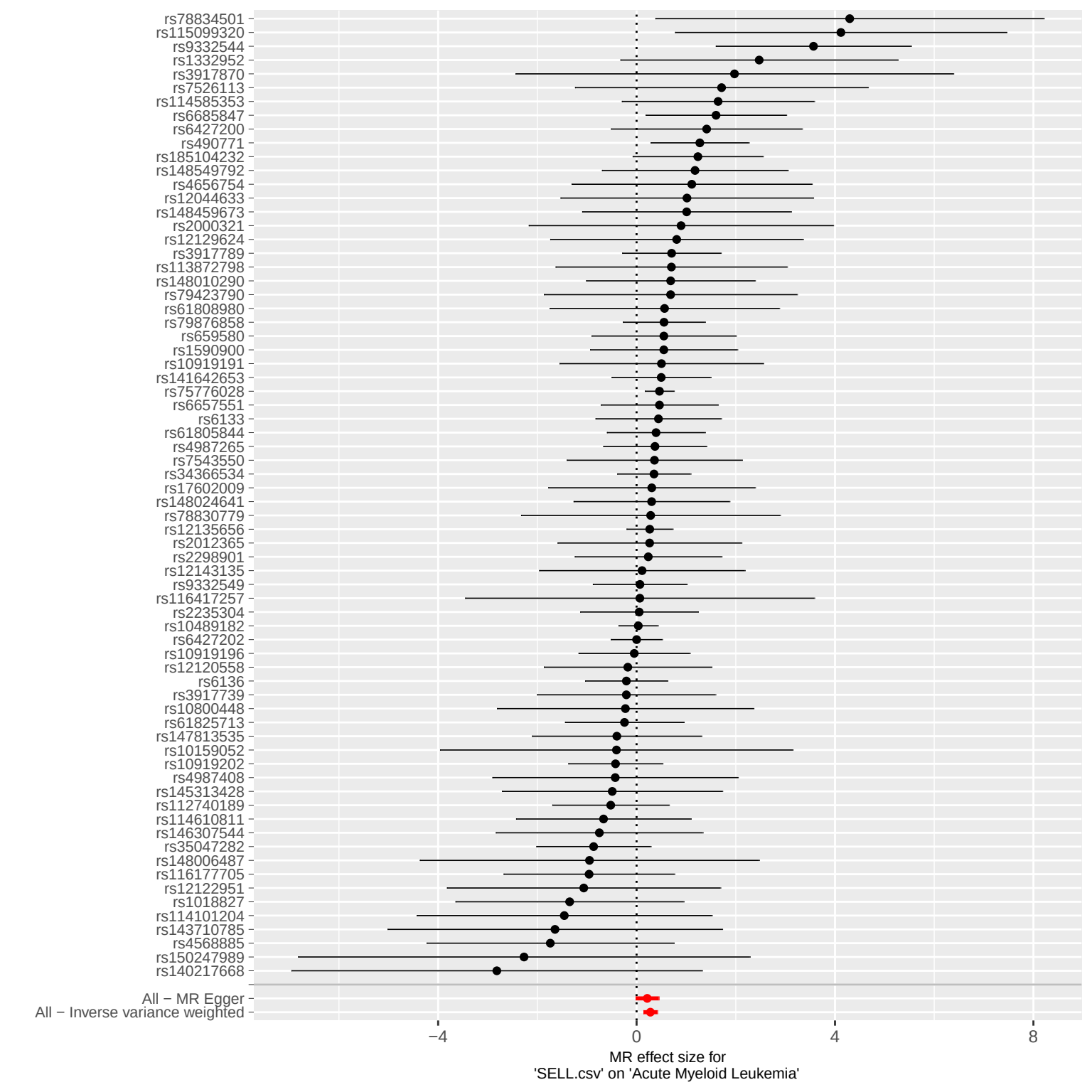
rs56225619
rs9915129
rs12940462
rs4789688
rs74001624
rs77954010
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SECTM1.csv' on 'Acute Myeloid Leukemia'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rs79876858
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rs141642653
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rs61805844
rs4987265
rs7543550
rs34366534
rs17602009
rs148024641
rs78830779
rs12135656
rs2012365
rs2298901
rs12143135
rs9332549
rs116417257
rs2235304
rs10489182
rs6427202
rs10919196
rs12120558
rs6136
rs3917739
rs10800448
rs61825713
rs147813535
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rs10919202
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rs112740189
rs114610811
rs146307544
rs35047282
rs148006487
rs116177705
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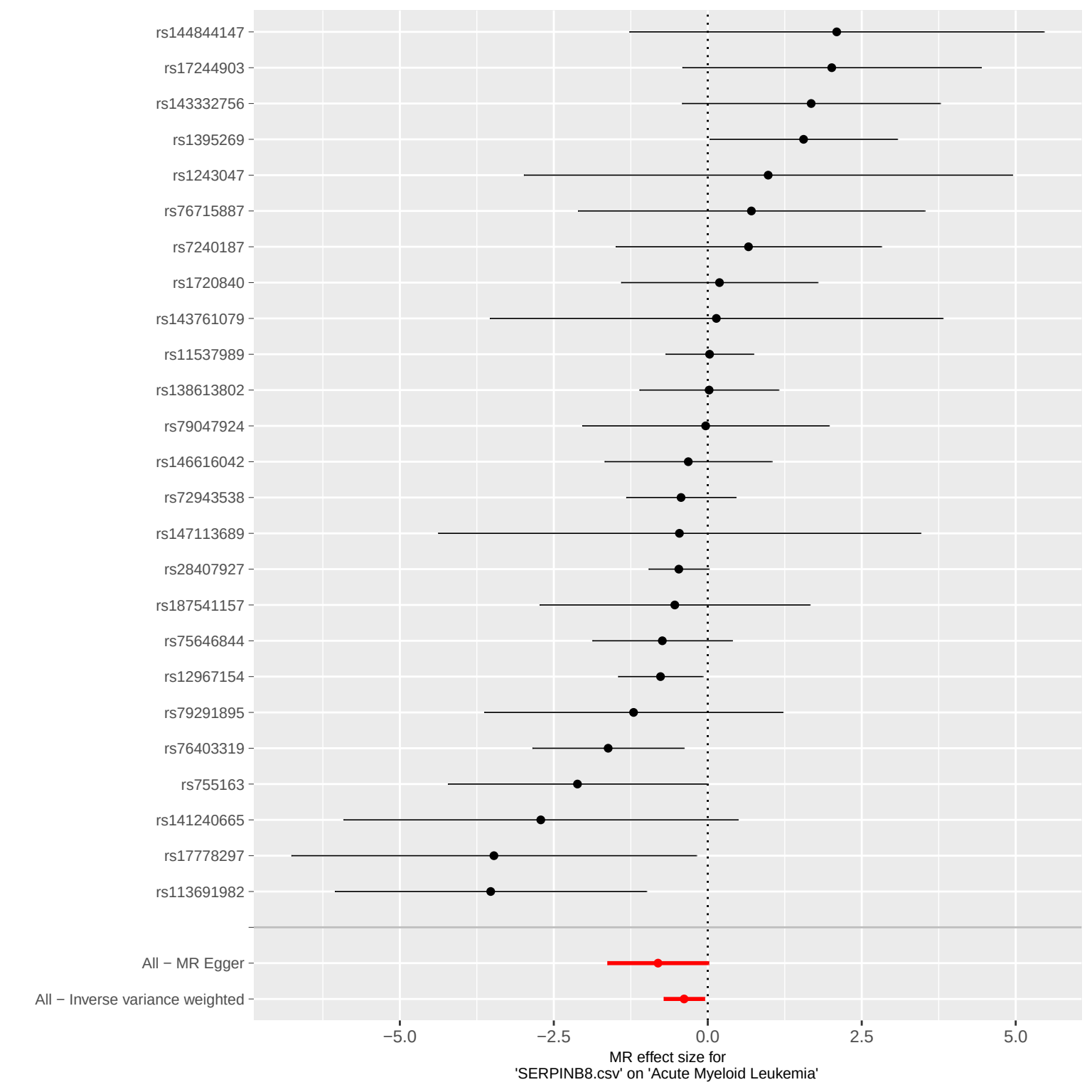
rs1018827
rs114101204
rs143710785
rs4568885
rs150247989
rs140217668
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'SELL.csv' on 'Acute Myeloid Leukemia'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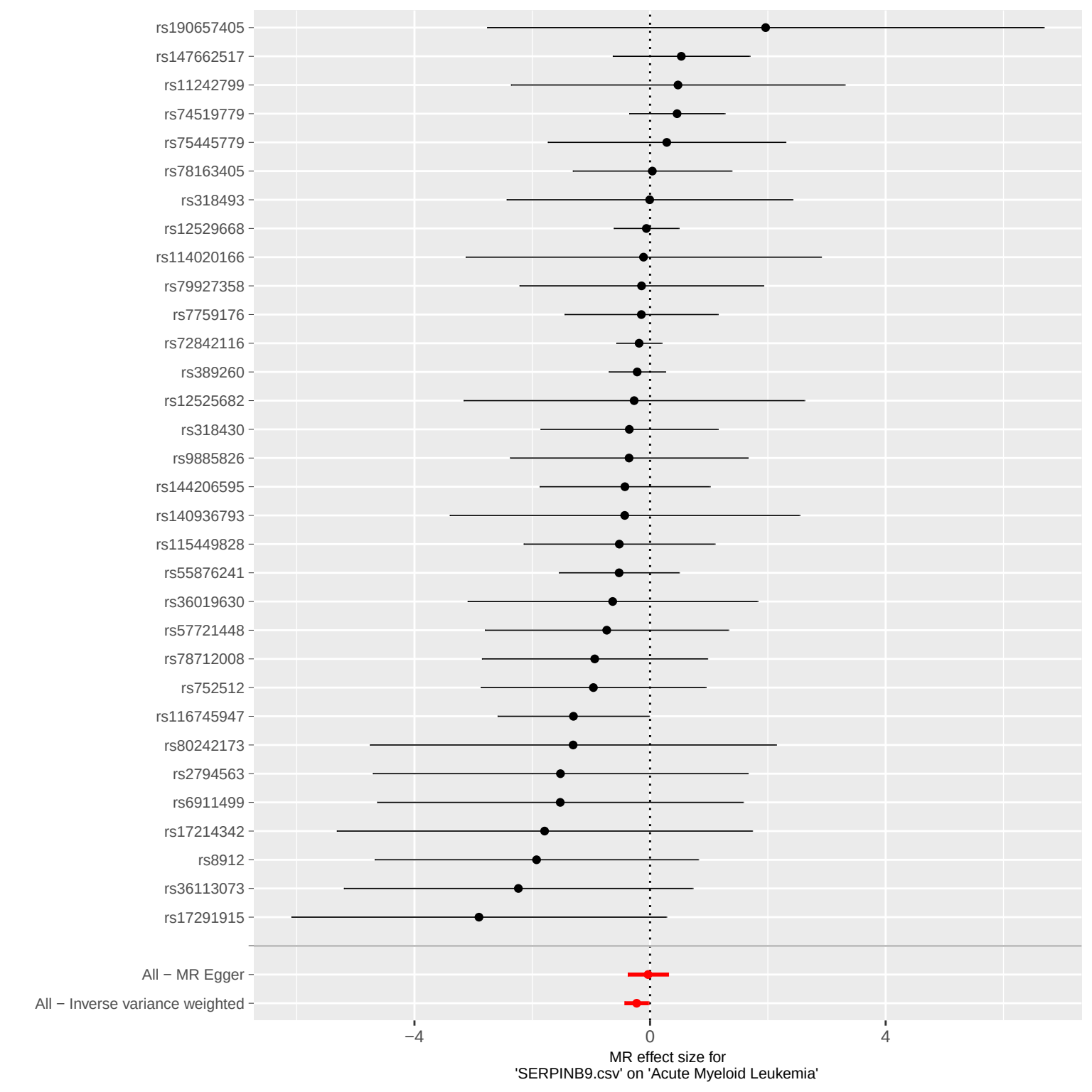
rs11537989
rs138613802
rs79047924
rs146616042
rs72943538
rs147113689
rs28407927
rs187541157
rs75646844
rs12967154
rs79291895
rs76403319
rs755163
rs141240665
rs17778297
rs113691982
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'SERPINB8.csv' on 'Acute Myeloid Leukemia'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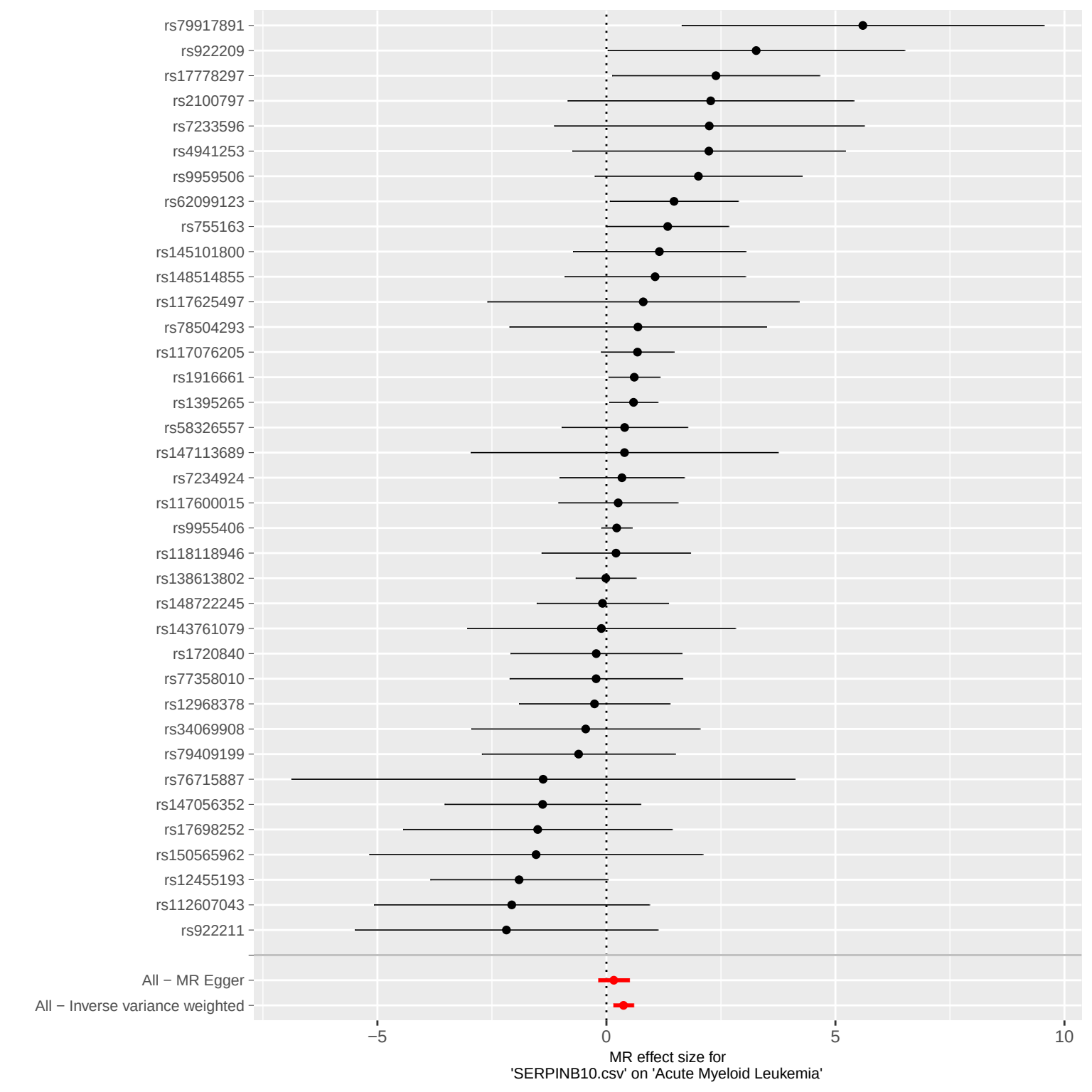
rs147662517
rs11242799
rs74519779
rs75445779
rs78163405
rs318493
rs12529668
rs114020166
rs79927358
rs7759176
rs72842116
rs389260
rs12525682
rs318430
rs9885826
rs144206595
rs140936793
rs115449828
rs55876241
rs36019630
rs57721448
rs78712008
rs752512
rs116745947
rs80242173
rs2794563
rs6911499
rs17214342
rs8912
rs36113073
rs17291915
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'SERPINB9.csv' on 'Acute Myeloid Leukemia'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rs7233596
rs4941253
rs9959506
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rs148514855
rs117625497
rs78504293
rs117076205
rs1916661
rs1395265
rs58326557
rs147113689
rs7234924
rs117600015
rs9955406
rs118118946
rs138613802
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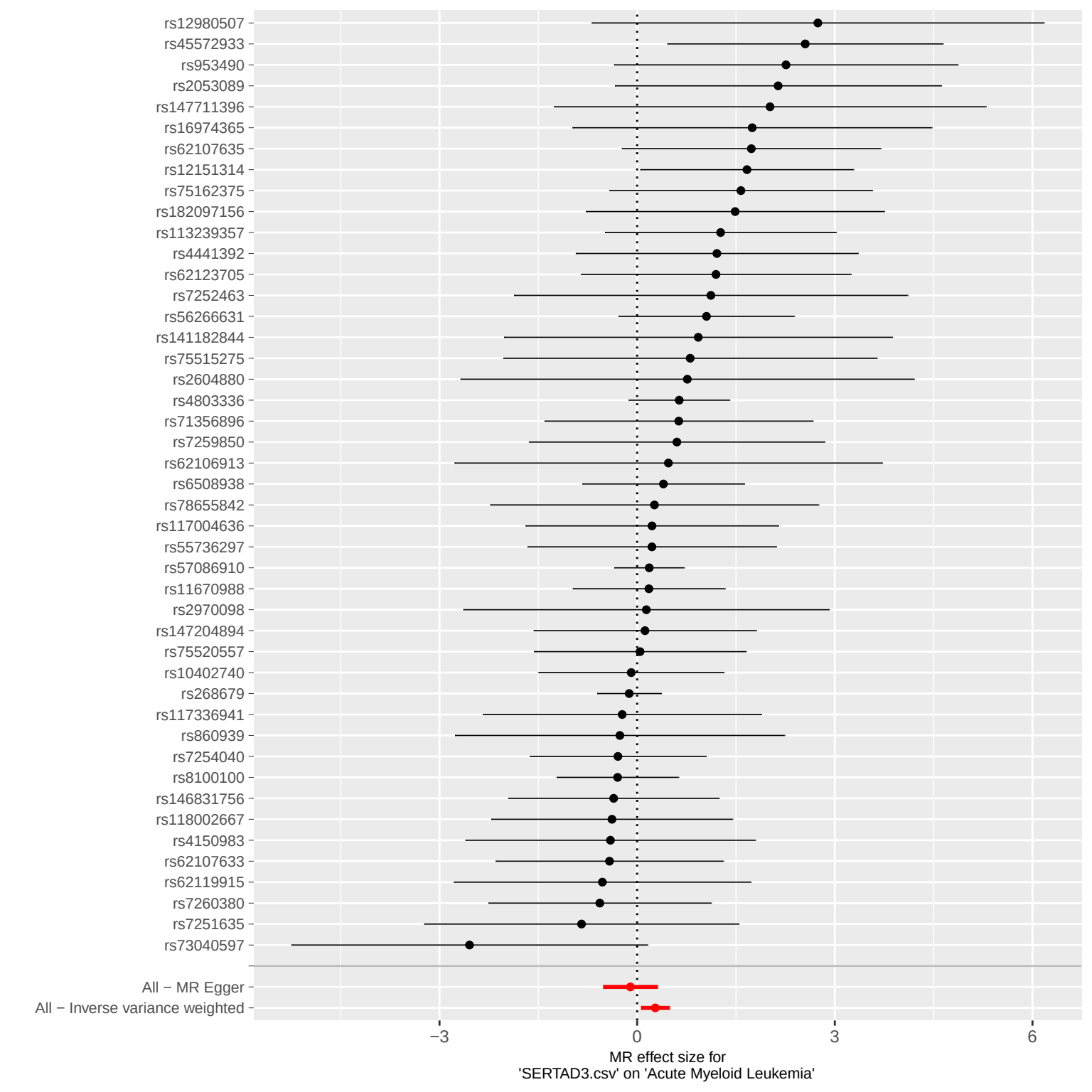
rs1720840
rs77358010
rs12968378
rs34069908
rs79409199
rs76715887
rs147056352
rs17698252
rs150565962
rs12455193
rs112607043
rs922211
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SERPINB10.csv' on 'Acute Myeloid Leukemia'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rs953490
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rs16974365
rs62107635
rs12151314
rs75162375
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rs7252463
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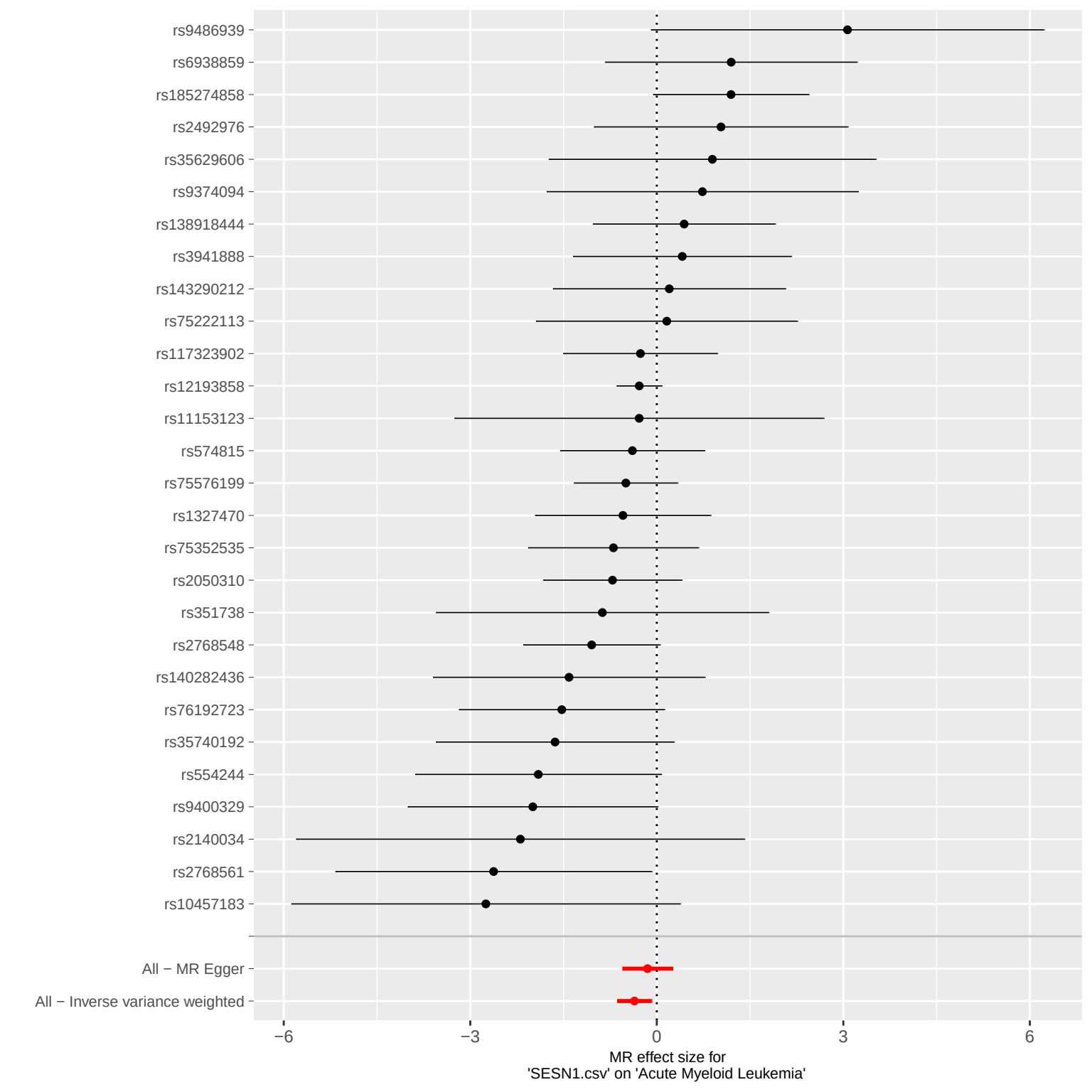
rs117004636
rs55736297
rs57086910
rs11670988
rs2970098
rs147204894
rs75520557
rs10402740
rs268679
rs117336941
rs860939
rs7254040
rs8100100
rs146831756
rs118002667
rs4150983
rs62107633
rs62119915
rs7260380
rs7251635
rs73040597
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'SERTAD3.csv' on 'Acute Myeloid Leukemia'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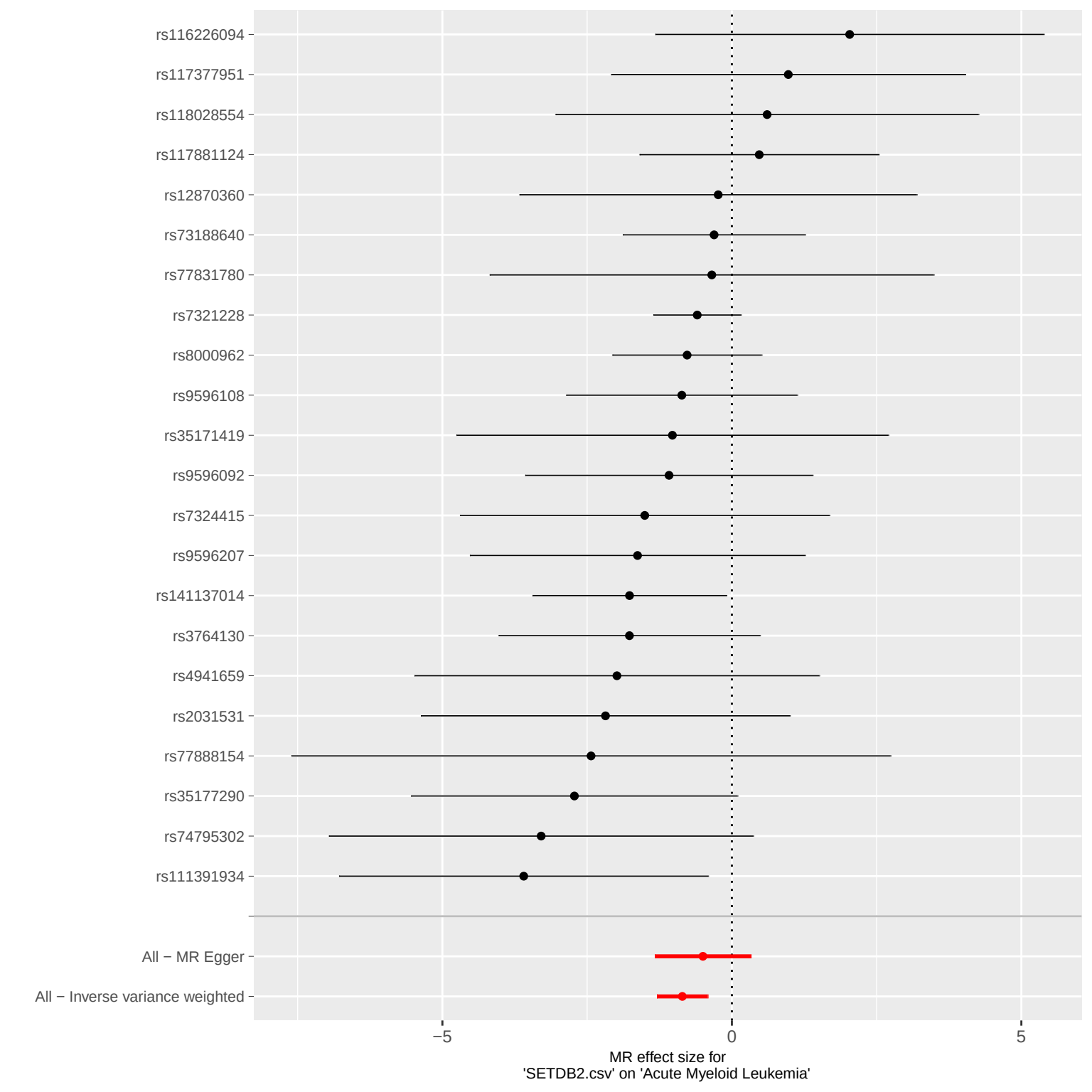
rs140282436
rs76192723
rs35740192
rs554244
rs9400329
rs2140034
rs2768561
rs10457183
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'SESN1.csv' on 'Acute Myeloid Leukemia'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rs7324415
rs9596207
rs141137014
rs3764130
rs4941659
rs2031531
rs77888154
rs35177290
rs74795302
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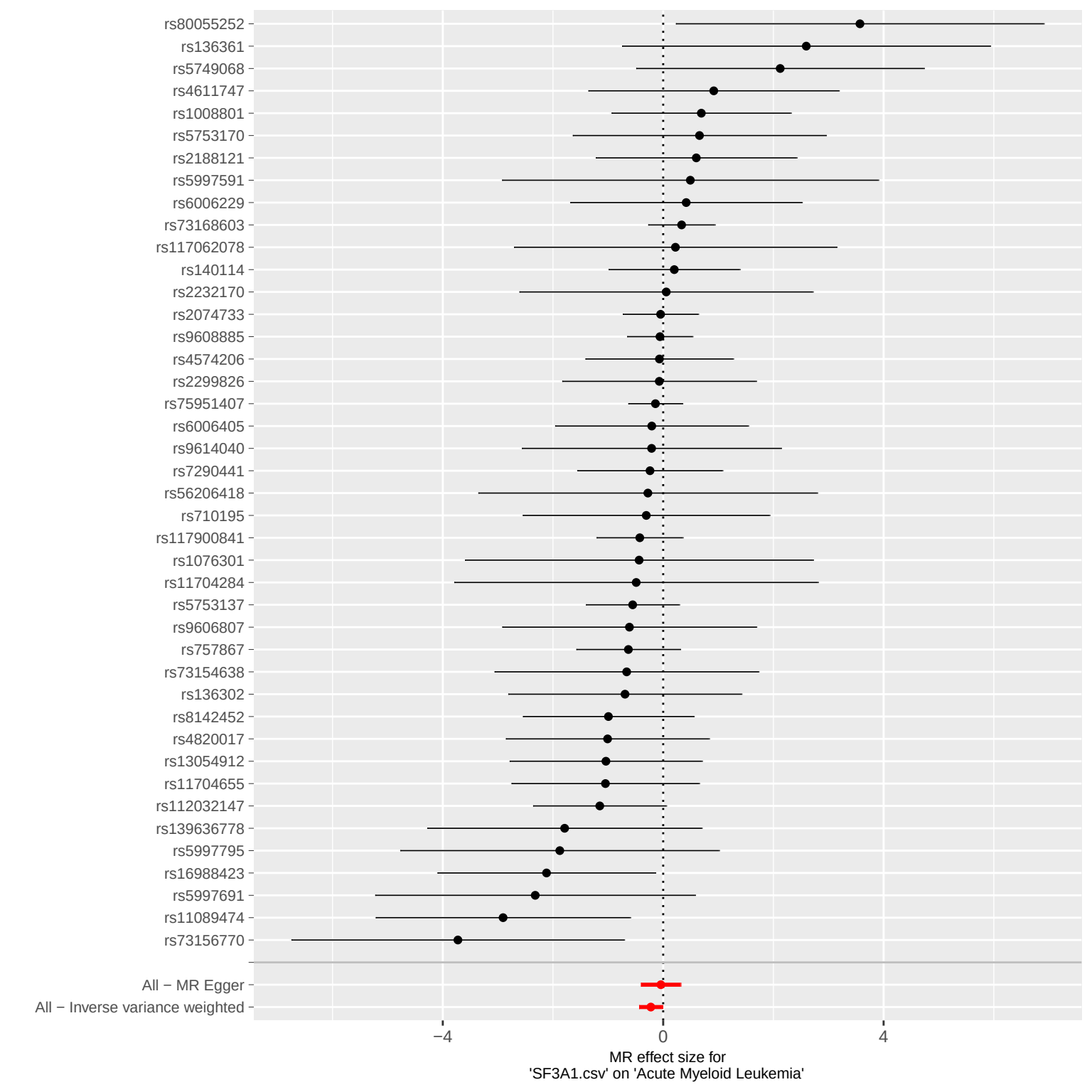
All − Inverse variance weighted
−5
0
5
MR effect size for
'SETDB2.csv' on 'Acute Myeloid Leukemia'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rs5749068
rs4611747
rs1008801
rs5753170
rs2188121
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rs6006229
rs73168603
rs117062078
rs140114
rs2232170
rs2074733
rs9608885
rs4574206
rs2299826
rs75951407
rs6006405
rs9614040
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rs710195
rs117900841
rs1076301
rs11704284
rs5753137
rs9606807
rs757867
rs73154638
rs136302
rs8142452
rs4820017
rs13054912
rs11704655
rs112032147
rs139636778
rs5997795
rs16988423
rs5997691
rs11089474
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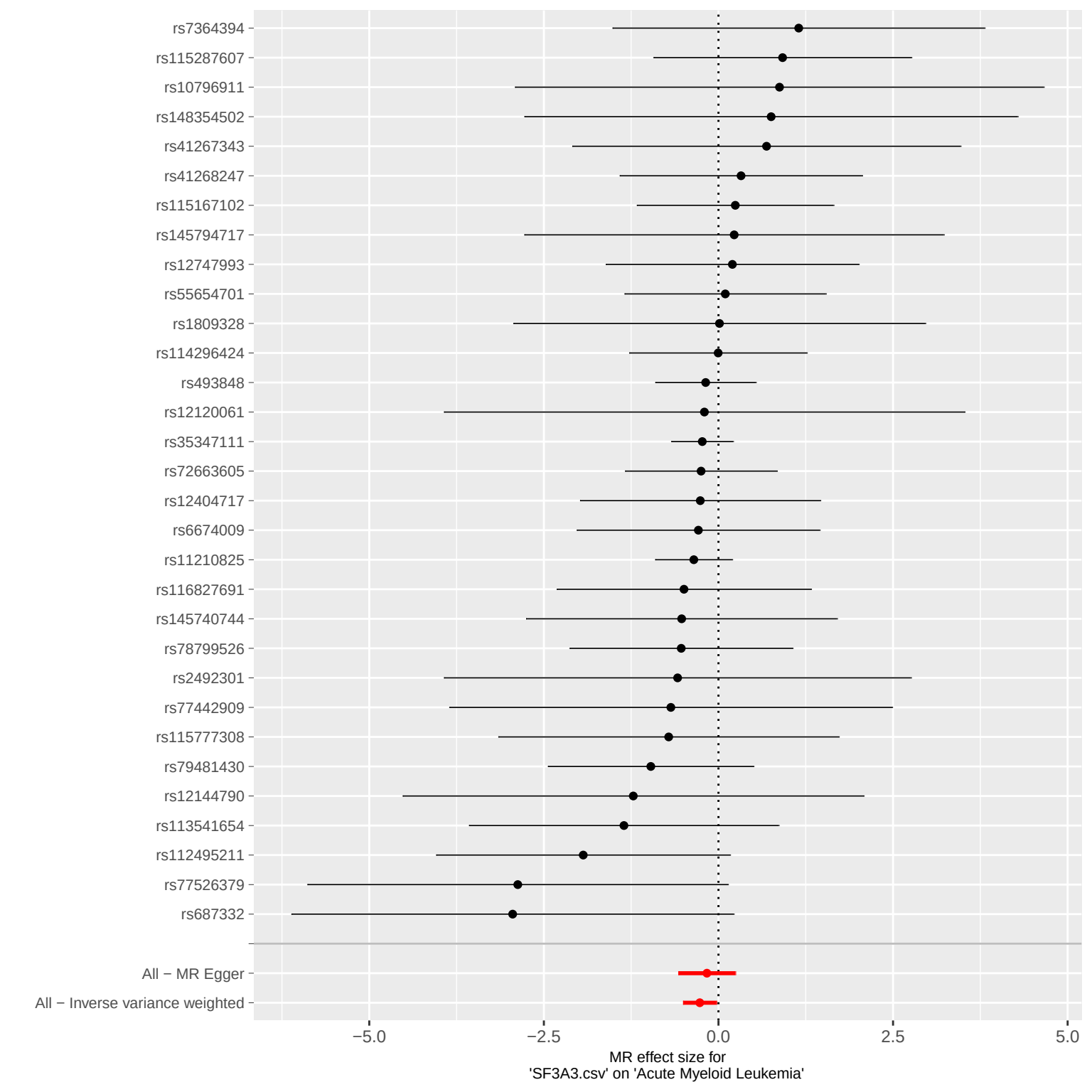
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'SF3A1.csv' on 'Acute Myeloid Leukemia'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rs72663605
rs12404717
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rs11210825
rs116827691
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rs78799526
rs2492301
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rs115777308
rs79481430
rs12144790
rs113541654
rs112495211
rs77526379
rs687332
All − MR Egger
All − Inverse variance weighted
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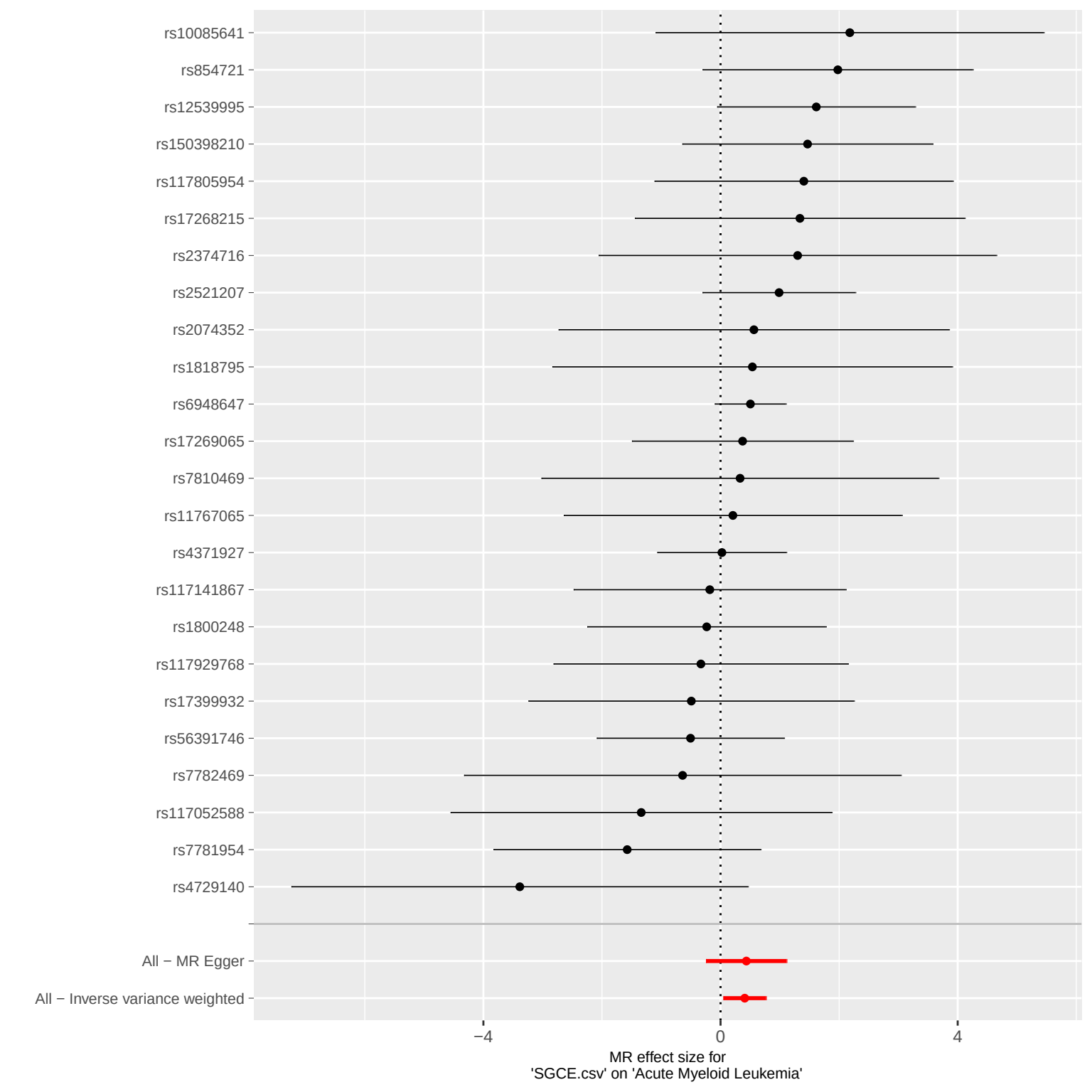
−2.5
0.0
2.5
5.0
MR effect size for
'SF3A3.csv' on 'Acute Myeloid Leukemia'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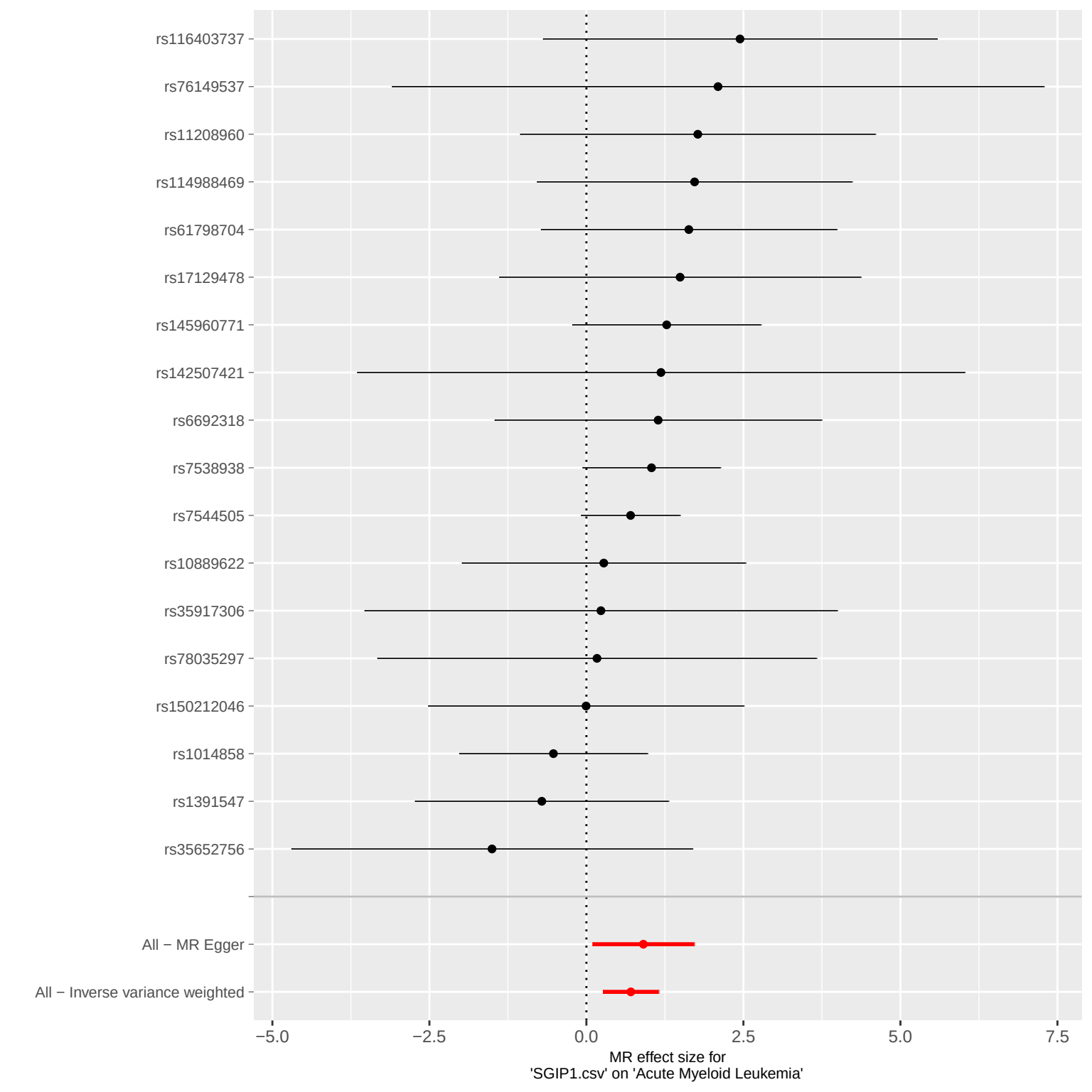
rs117929768
rs17399932
rs56391746
rs7782469
rs117052588
rs7781954
rs4729140
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'SGCE.csv' on 'Acute Myeloid Leukemia'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rs17129478
rs145960771
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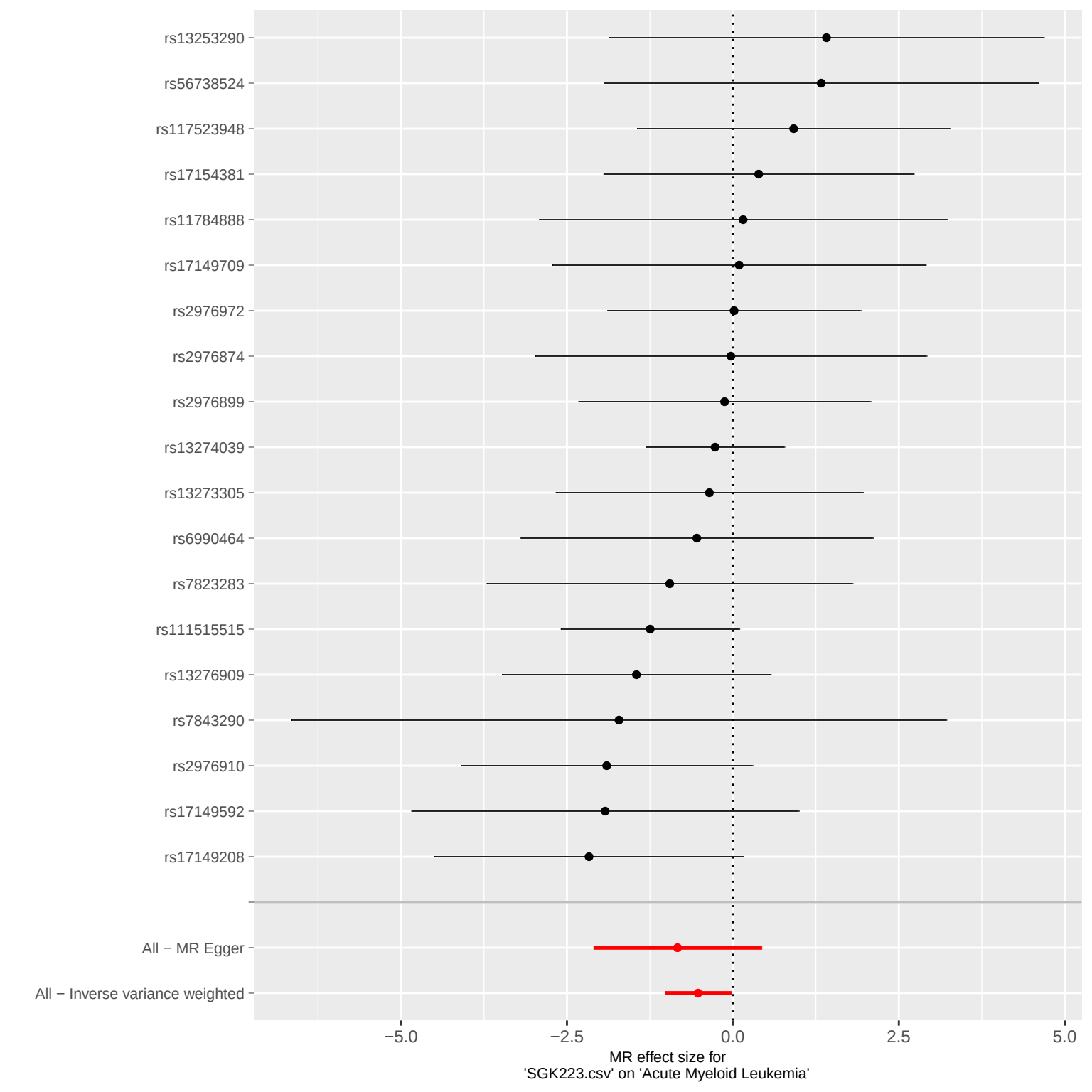
rs6692318
rs7538938
rs7544505
rs10889622
rs35917306
rs78035297
rs150212046
rs1014858
rs1391547
rs35652756
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'SGIP1.csv' on 'Acute Myeloid Leukemia'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rs13274039
rs13273305
rs6990464
rs7823283
rs111515515
rs13276909
rs7843290
rs2976910
rs17149592
rs17149208
All − MR Egger
All − Inverse variance weighted
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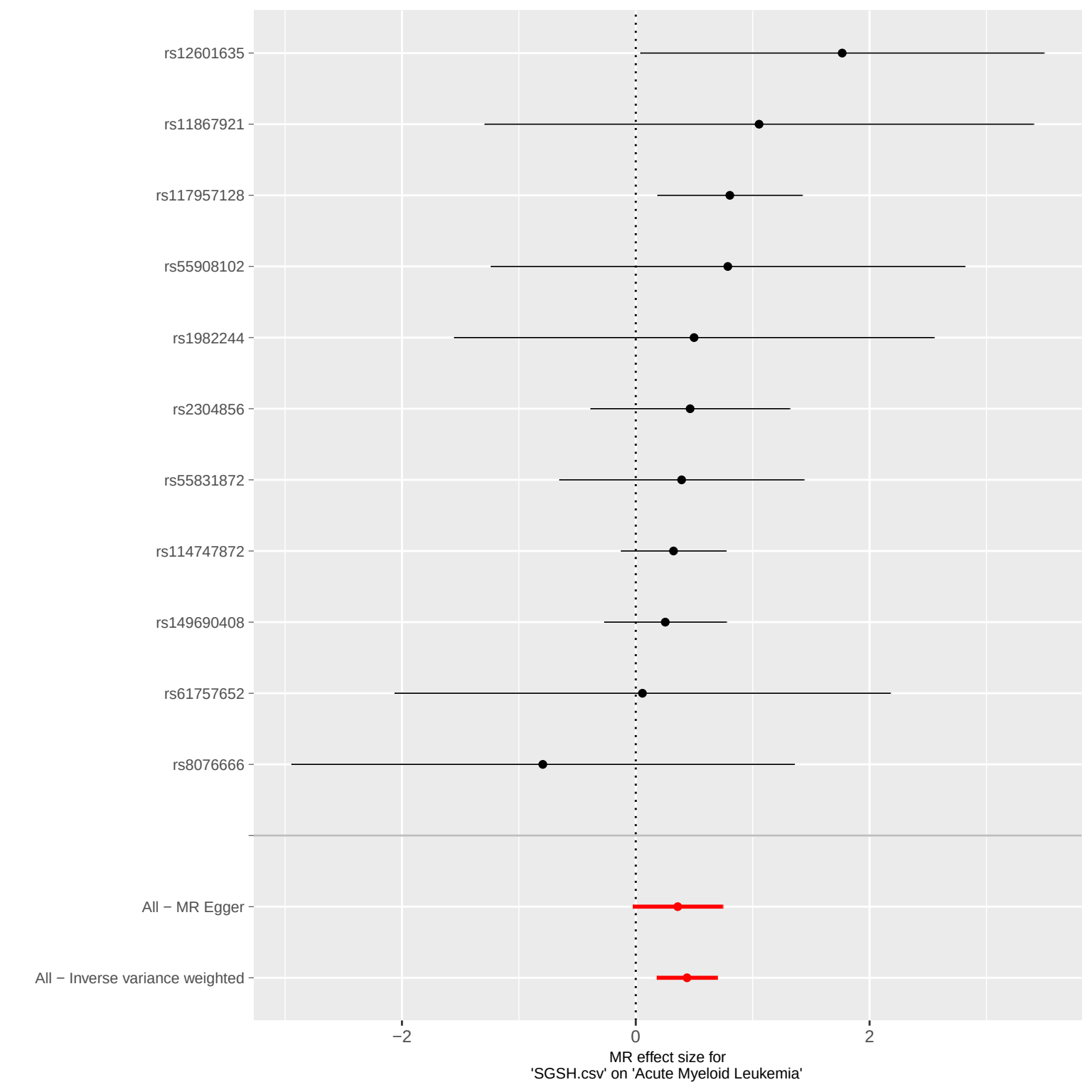
−2.5
0.0
2.5
5.0
MR effect size for
'SGK223.csv' on 'Acute Myeloid Leukemia'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rs149690408
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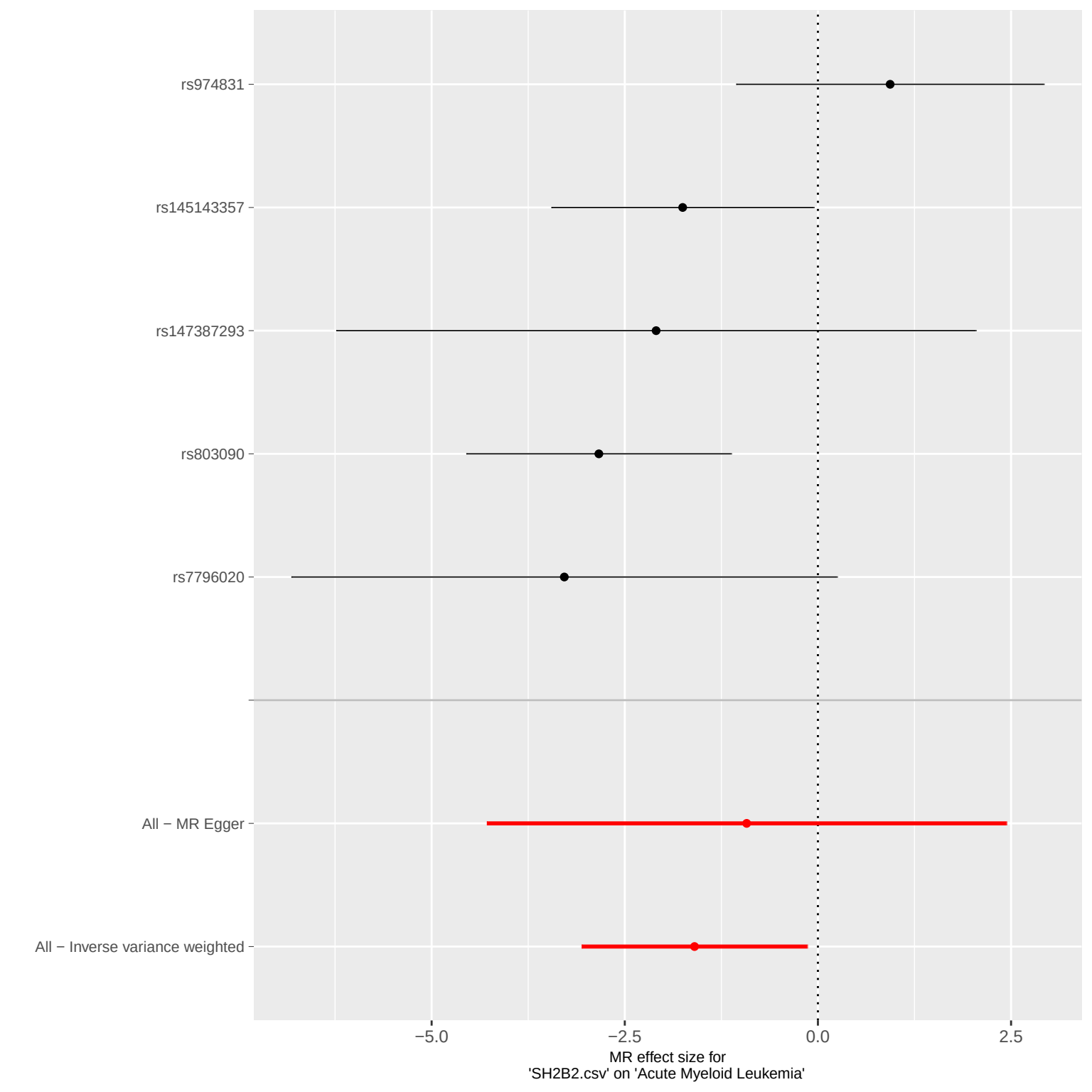
rs8076666
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SGSH.csv' on 'Acute Myeloid Leukemia'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rs147387293
rs803090
rs7796020
All − MR Egger
All − Inverse variance weighted
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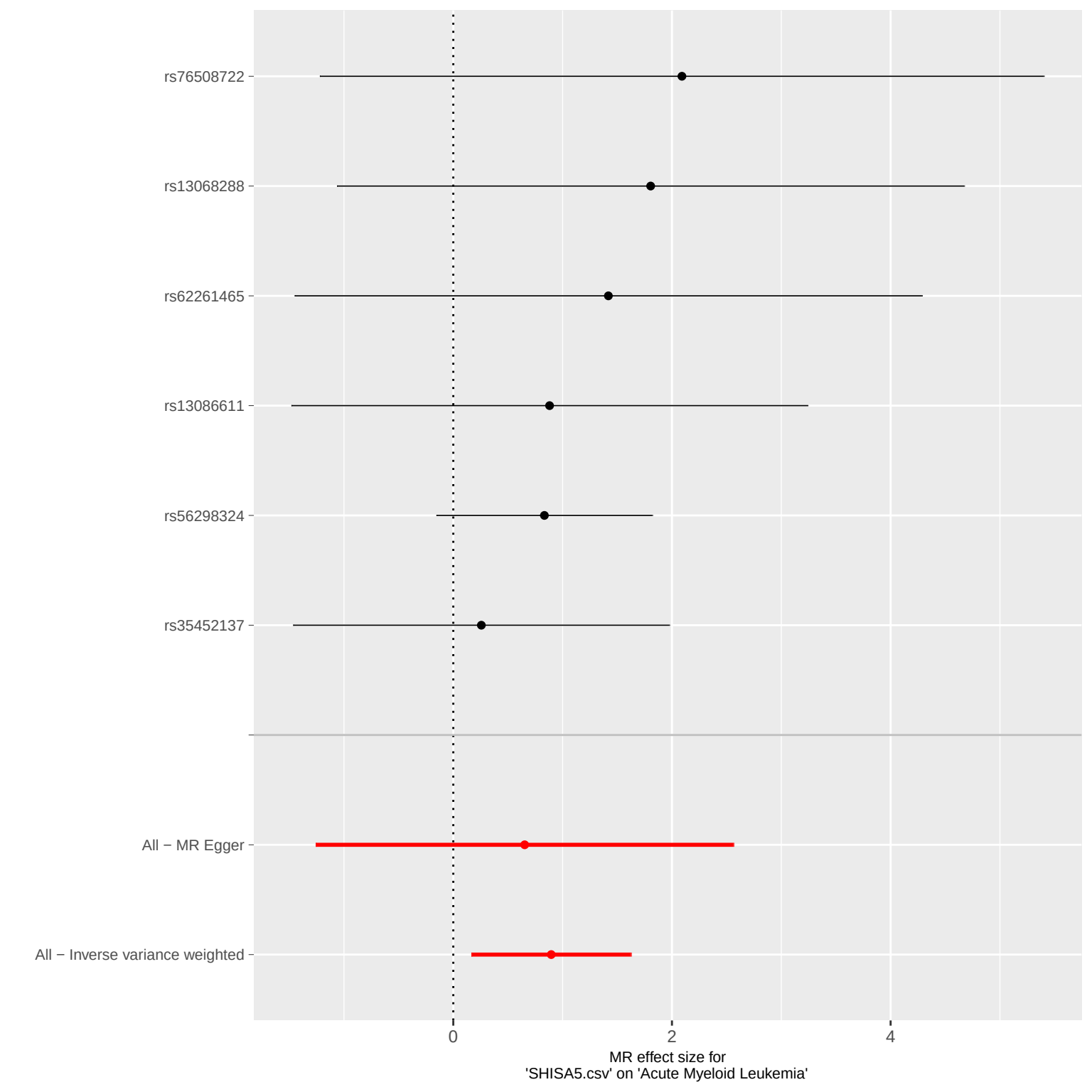
−2.5
0.0
2.5
MR effect size for
'SH2B2.csv' on 'Acute Myeloid Leukemia'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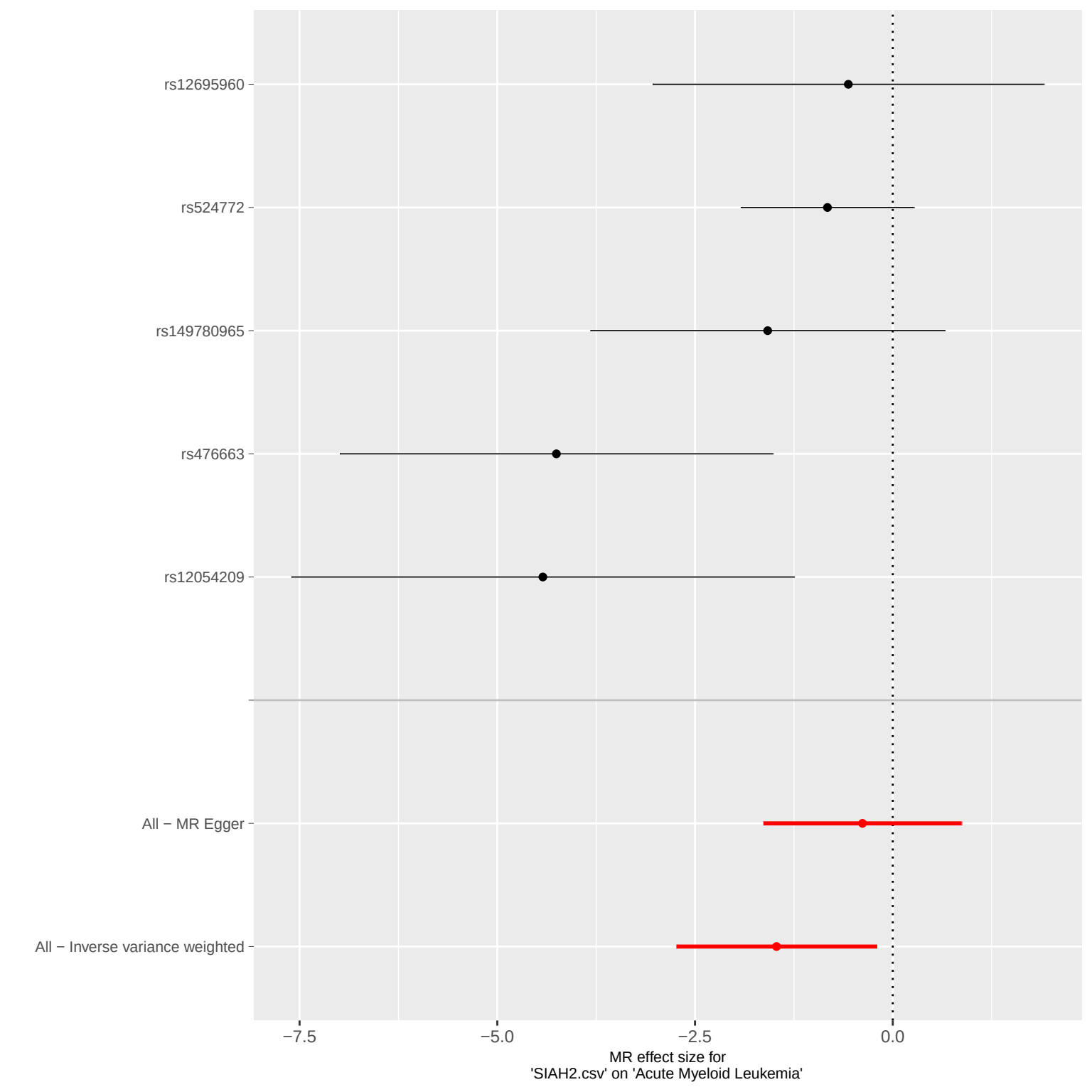
rs13086611
rs56298324
rs35452137
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'SHISA5.csv' on 'Acute Myeloid Leukemia'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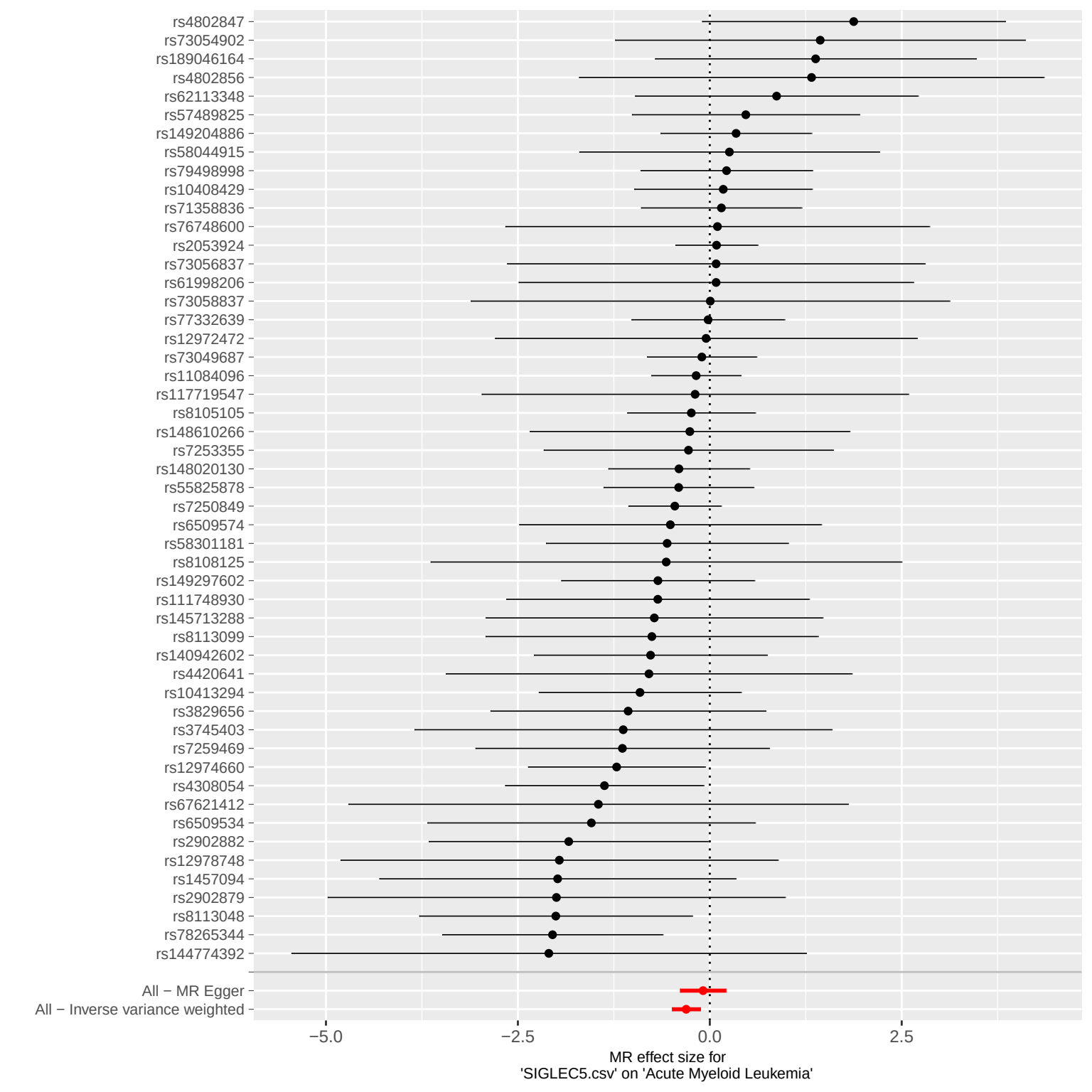
rs524772
rs149780965
rs476663
rs12054209
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'SIAH2.csv' on 'Acute Myeloid Leukemia'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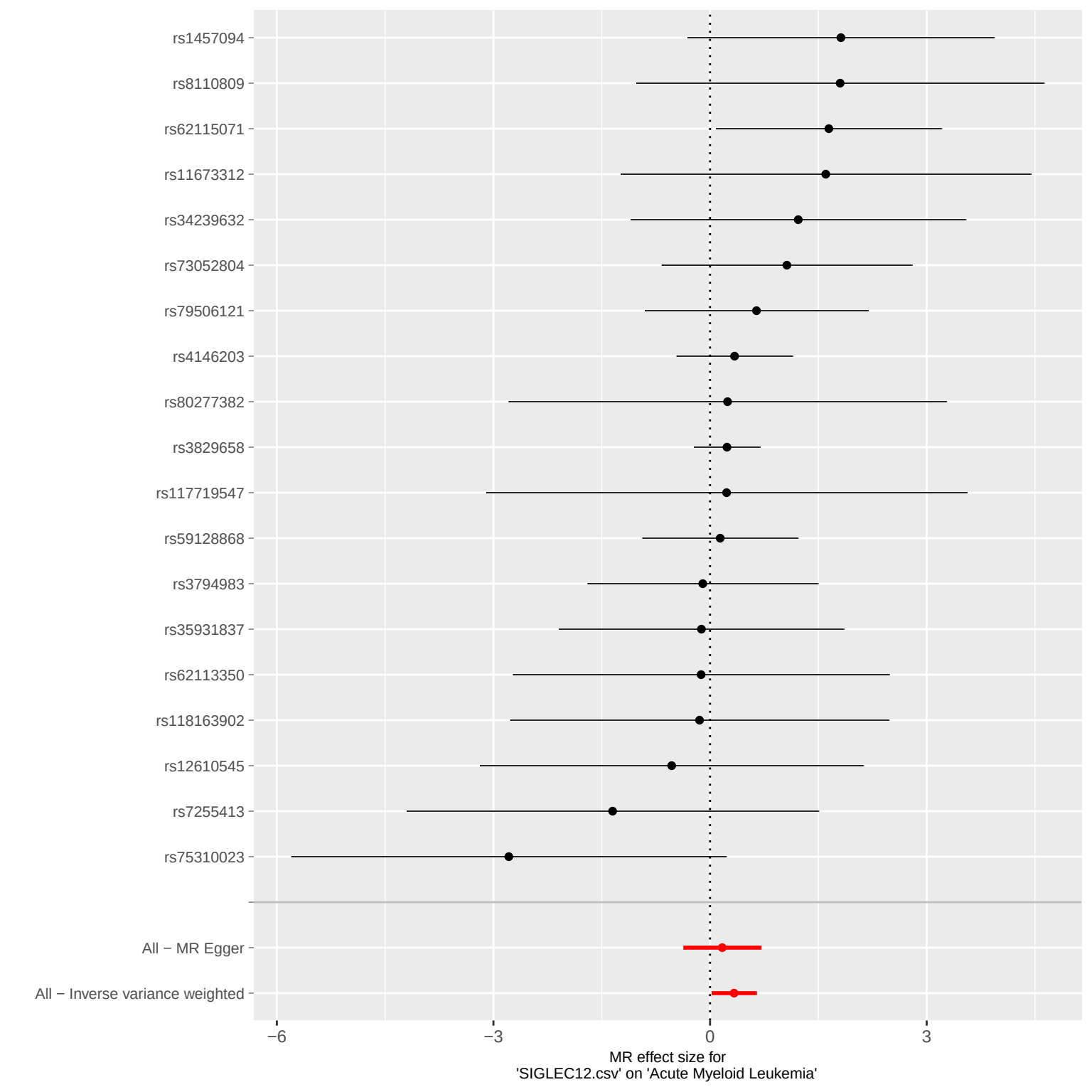
rs4308054
rs67621412
rs6509534
rs2902882
rs12978748
rs1457094
rs2902879
rs8113048
rs78265344
rs144774392
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SIGLEC5.csv' on 'Acute Myeloid Leukemia'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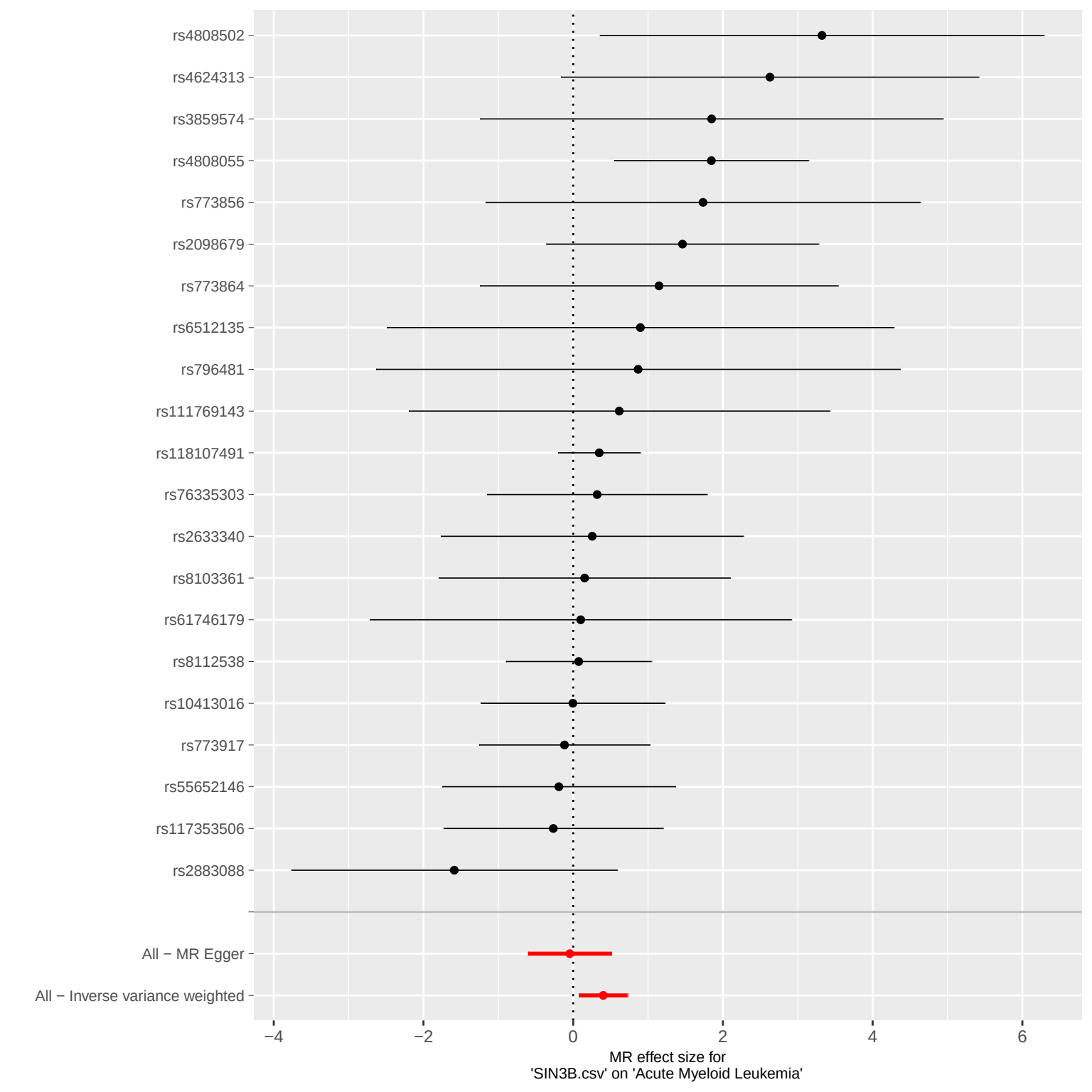
rs80277382
rs3829658
rs117719547
rs59128868
rs3794983
rs35931837
rs62113350
rs118163902
rs12610545
rs7255413
rs75310023
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'SIGLEC12.csv' on 'Acute Myeloid Leukemia'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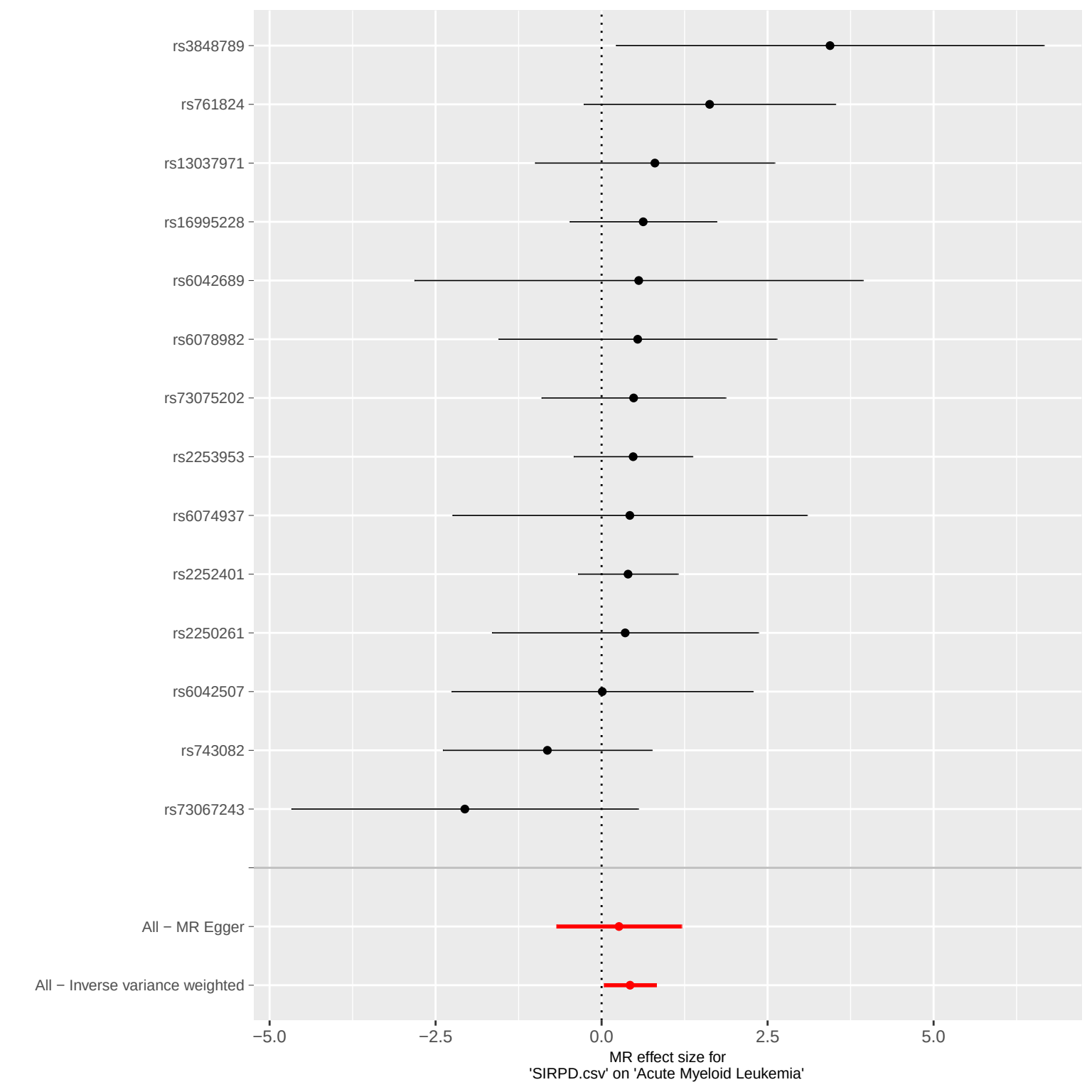
rs76335303
rs2633340
rs8103361
rs61746179
rs8112538
rs10413016
rs773917
rs55652146
rs117353506
rs2883088
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'SIN3B.csv' on 'Acute Myeloid Leukemia'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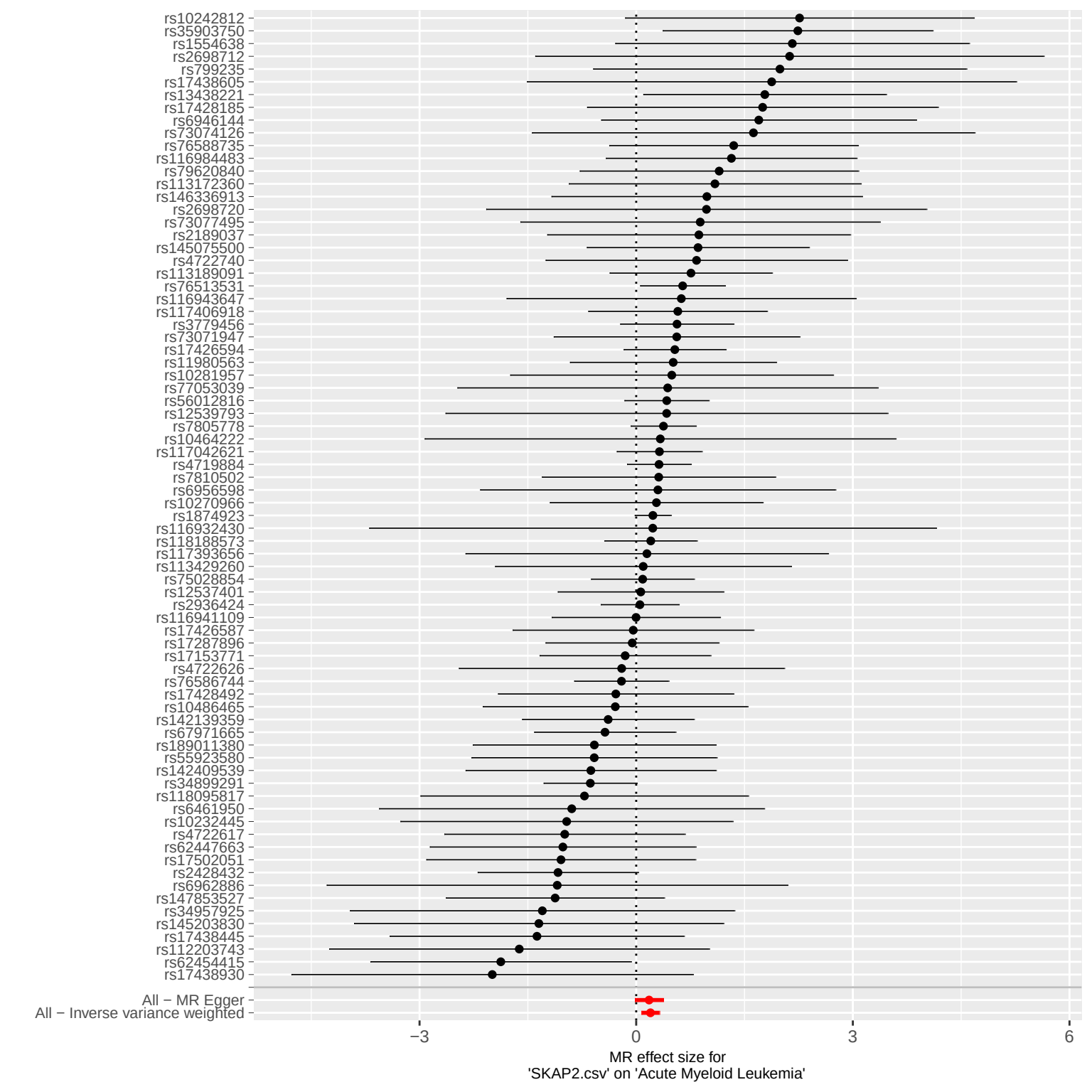
rs6042689
rs6078982
rs73075202
rs2253953
rs6074937
rs2252401
rs2250261
rs6042507
rs743082
rs73067243
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'SIRPD.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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MR effect size for
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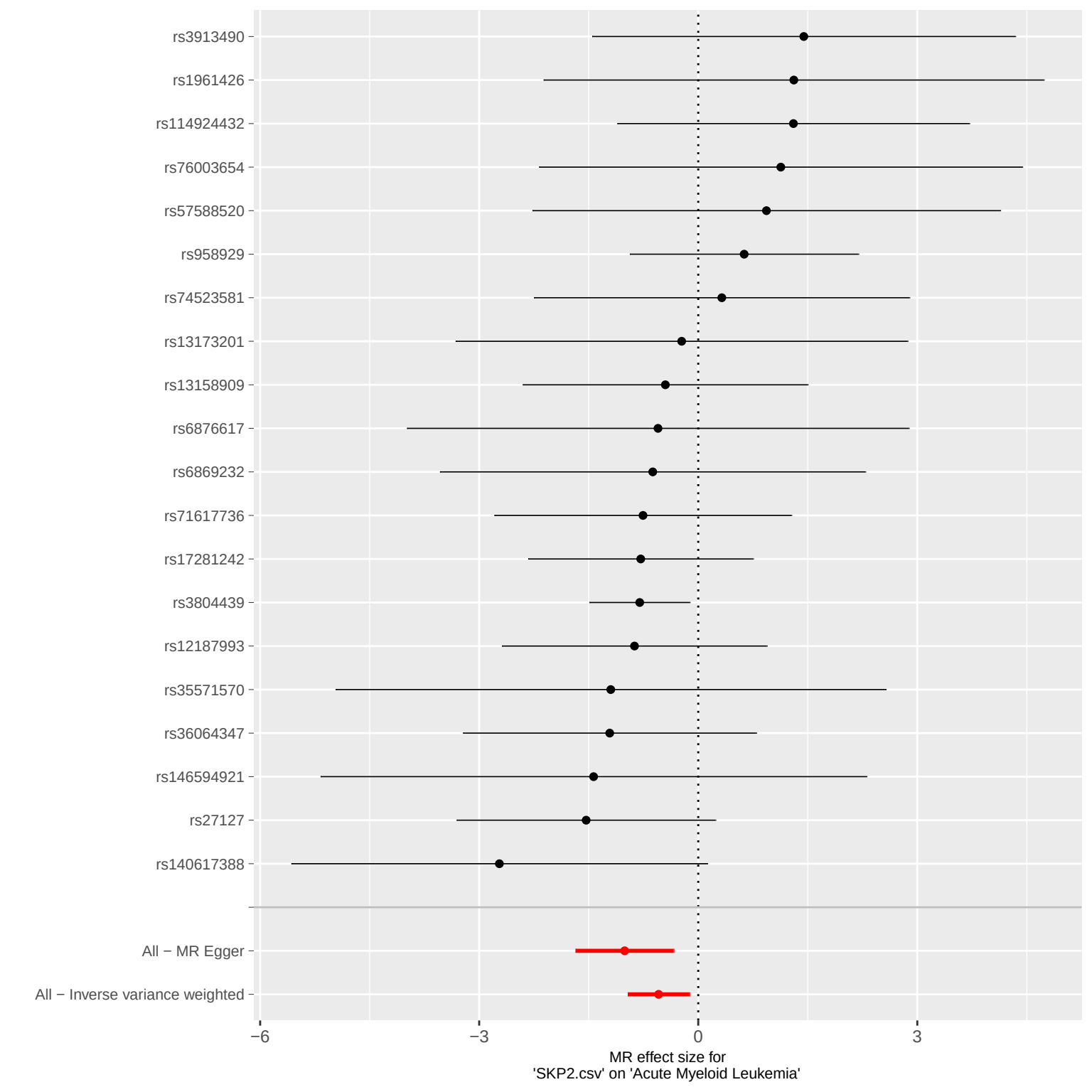
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MR effect size for
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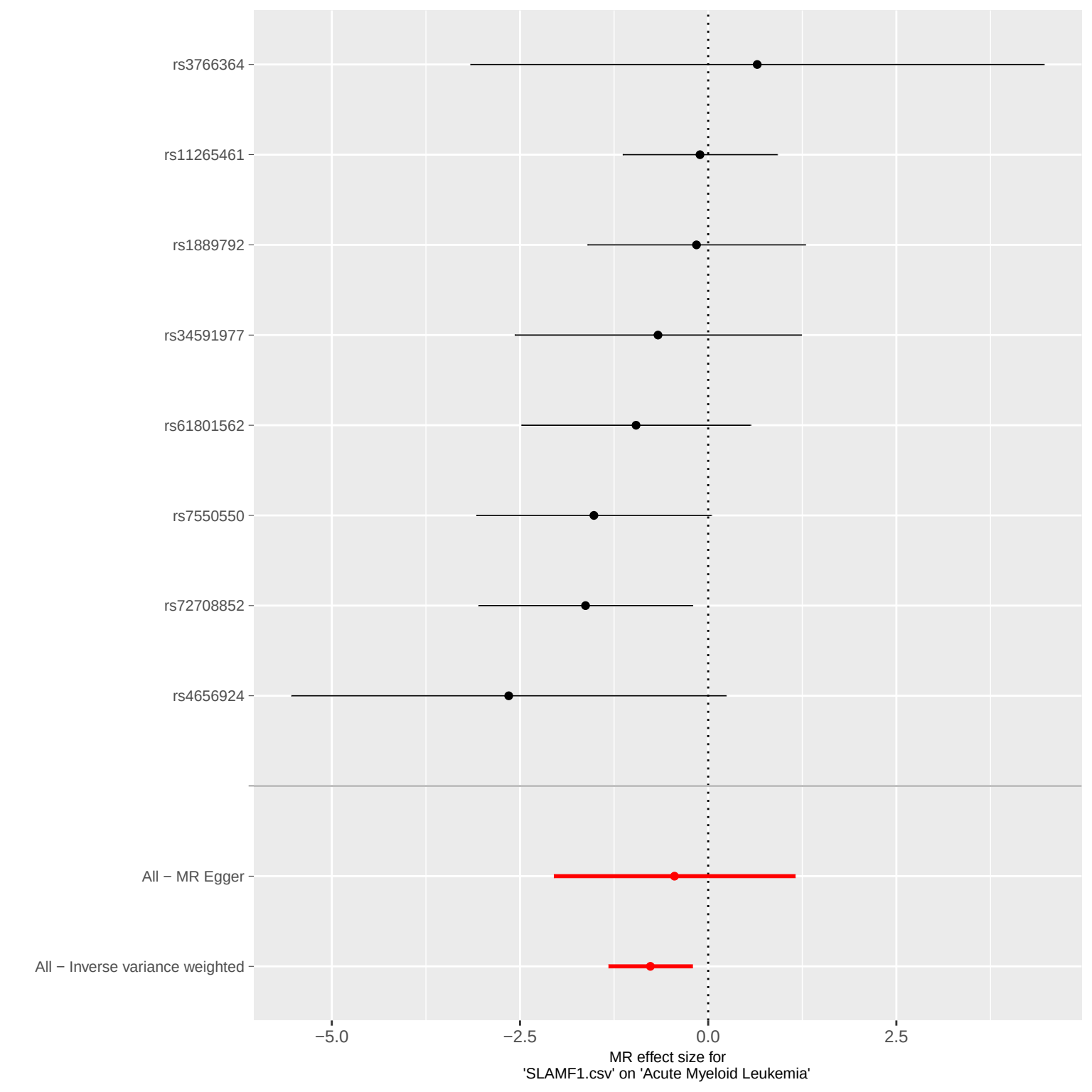
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MR effect size for
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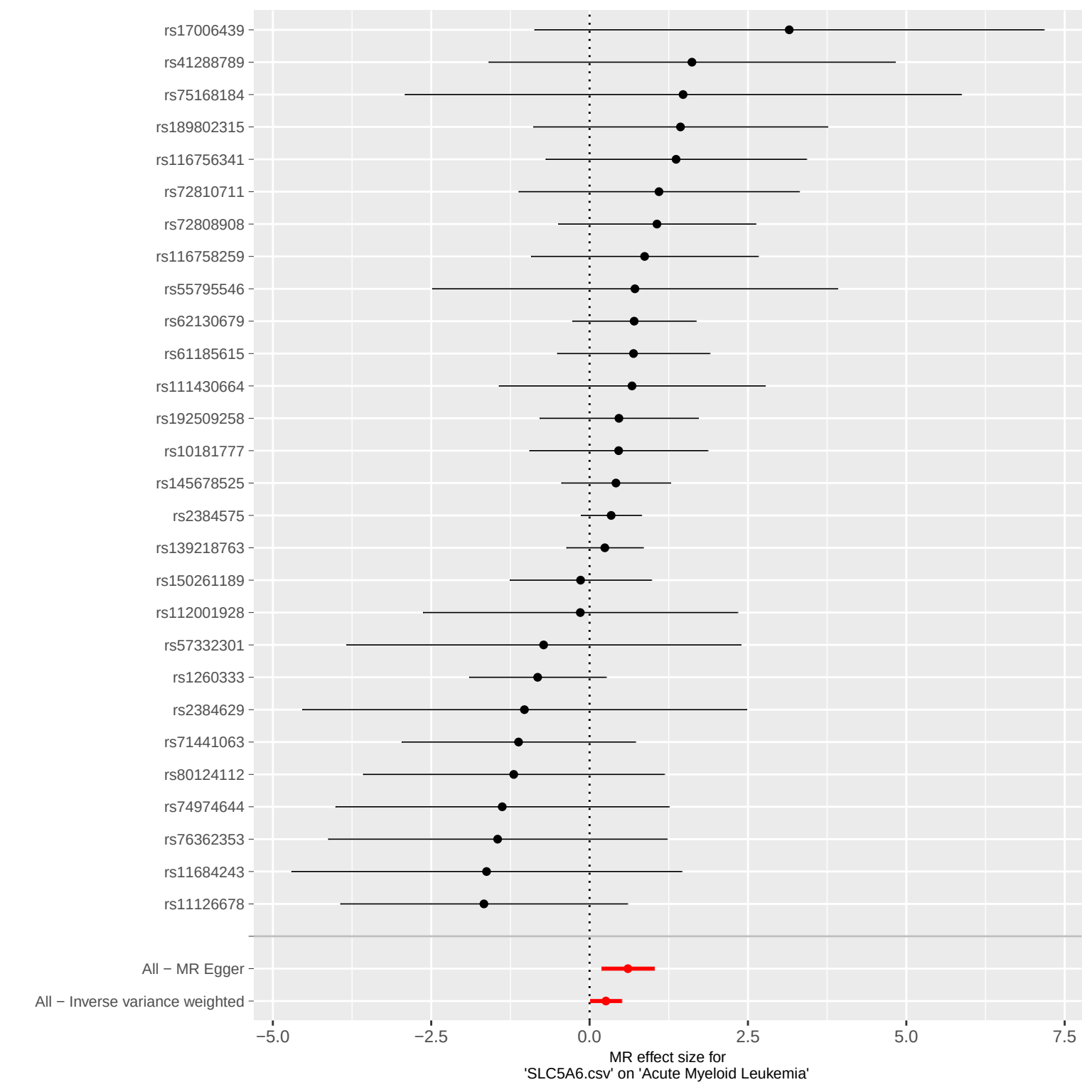
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rs11684243
rs11126678
All − MR Egger
All − Inverse variance weighted
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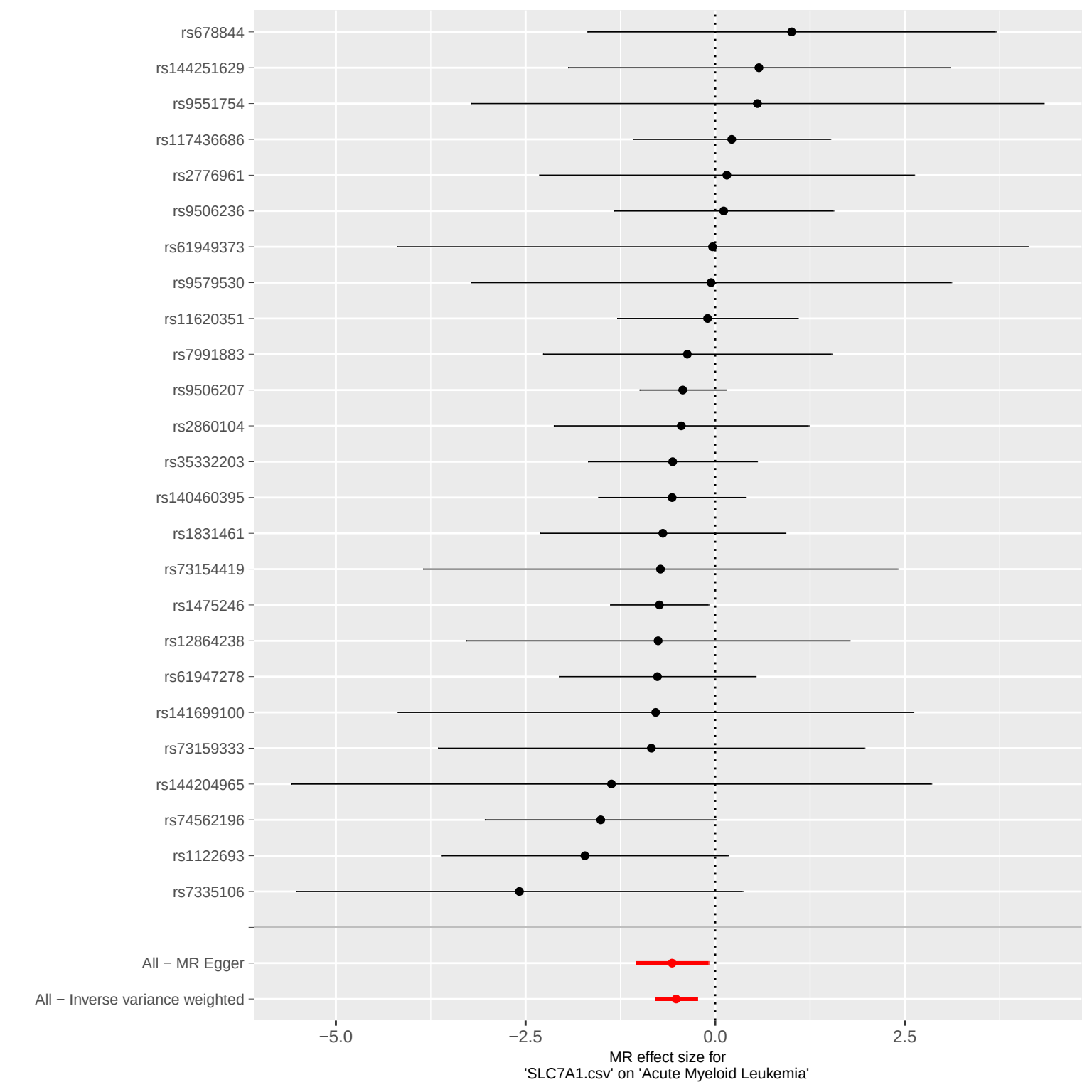
MR effect size for
'SLC5A6.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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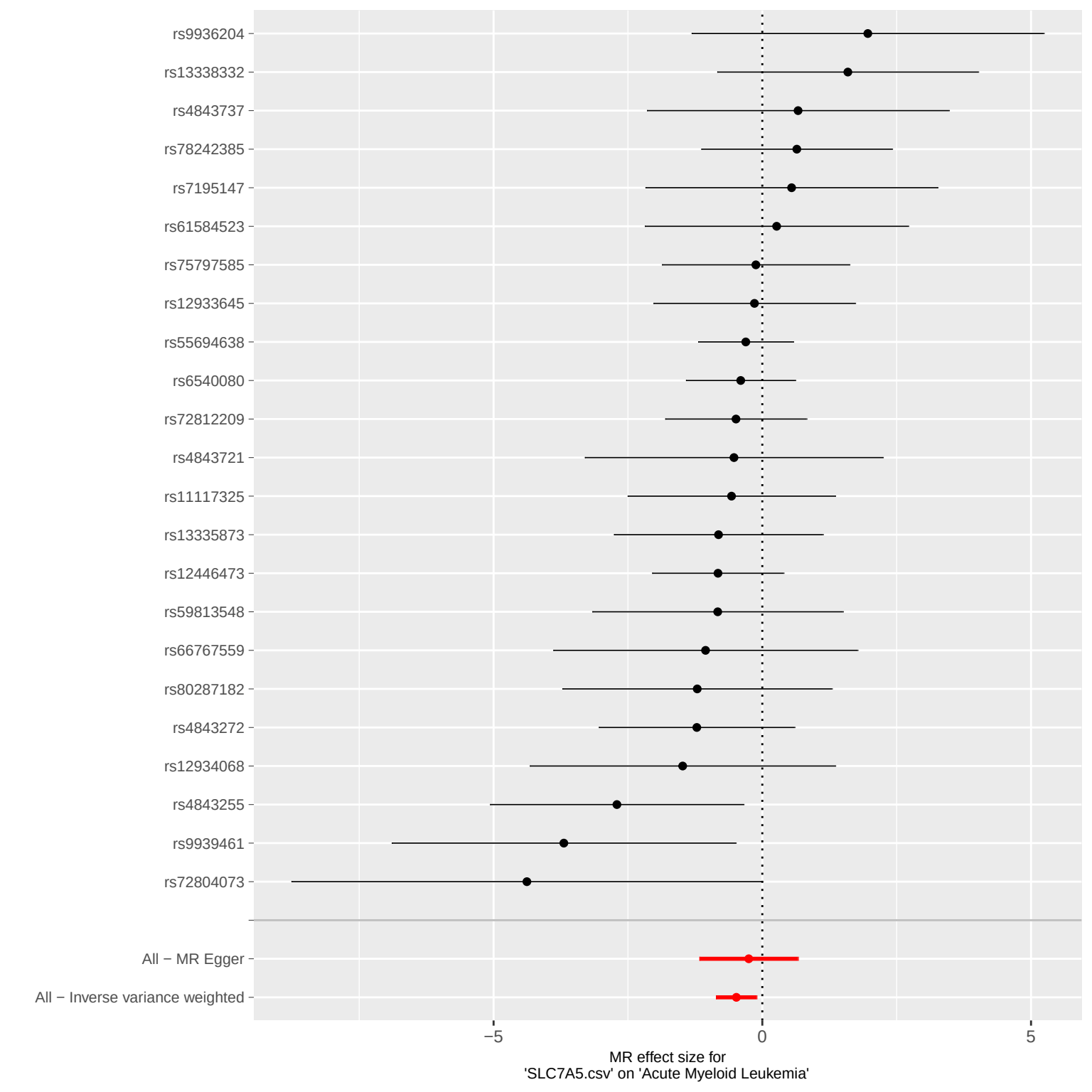
−2.5
0.0
2.5
MR effect size for
'SLC7A1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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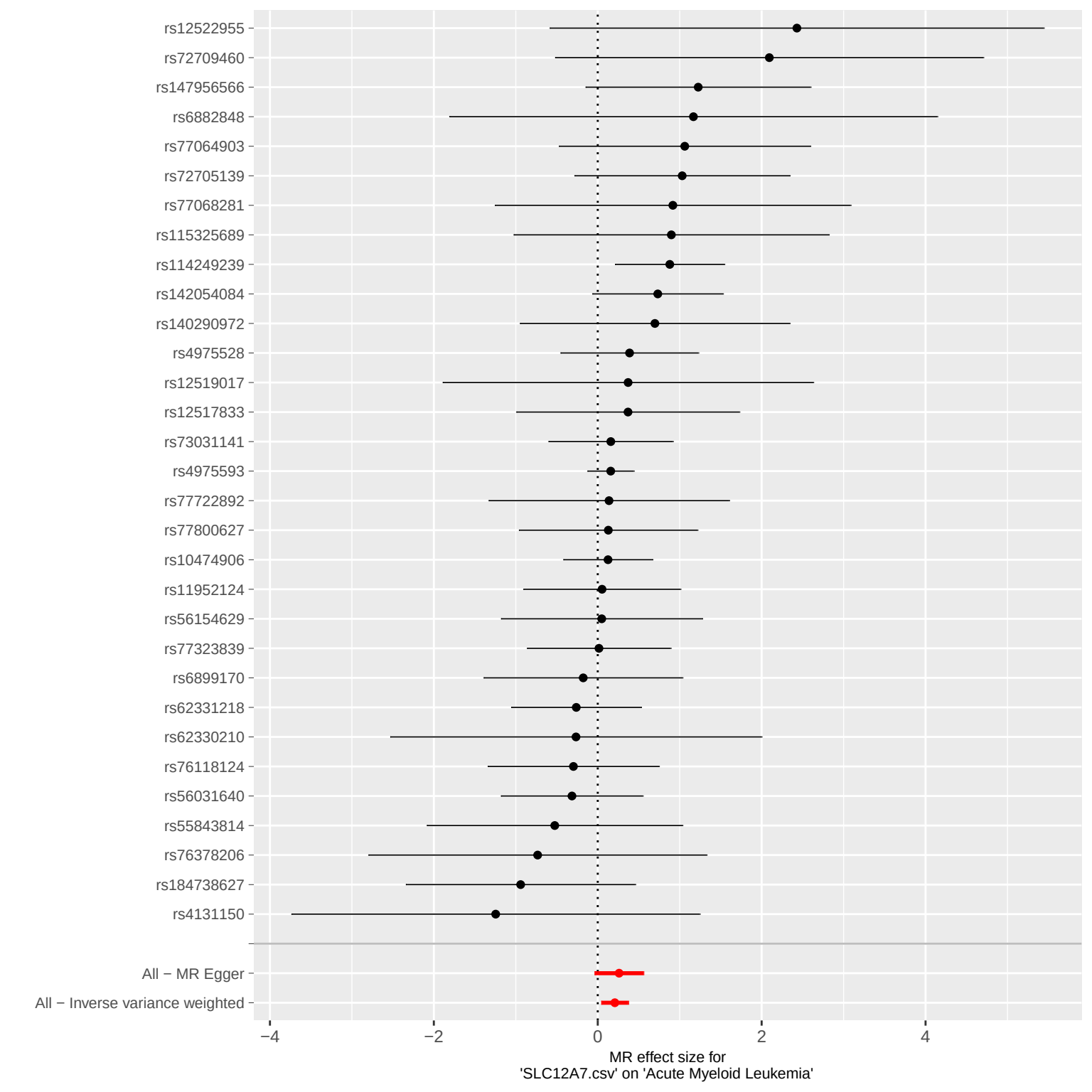
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All − MR Egger
All − Inverse variance weighted
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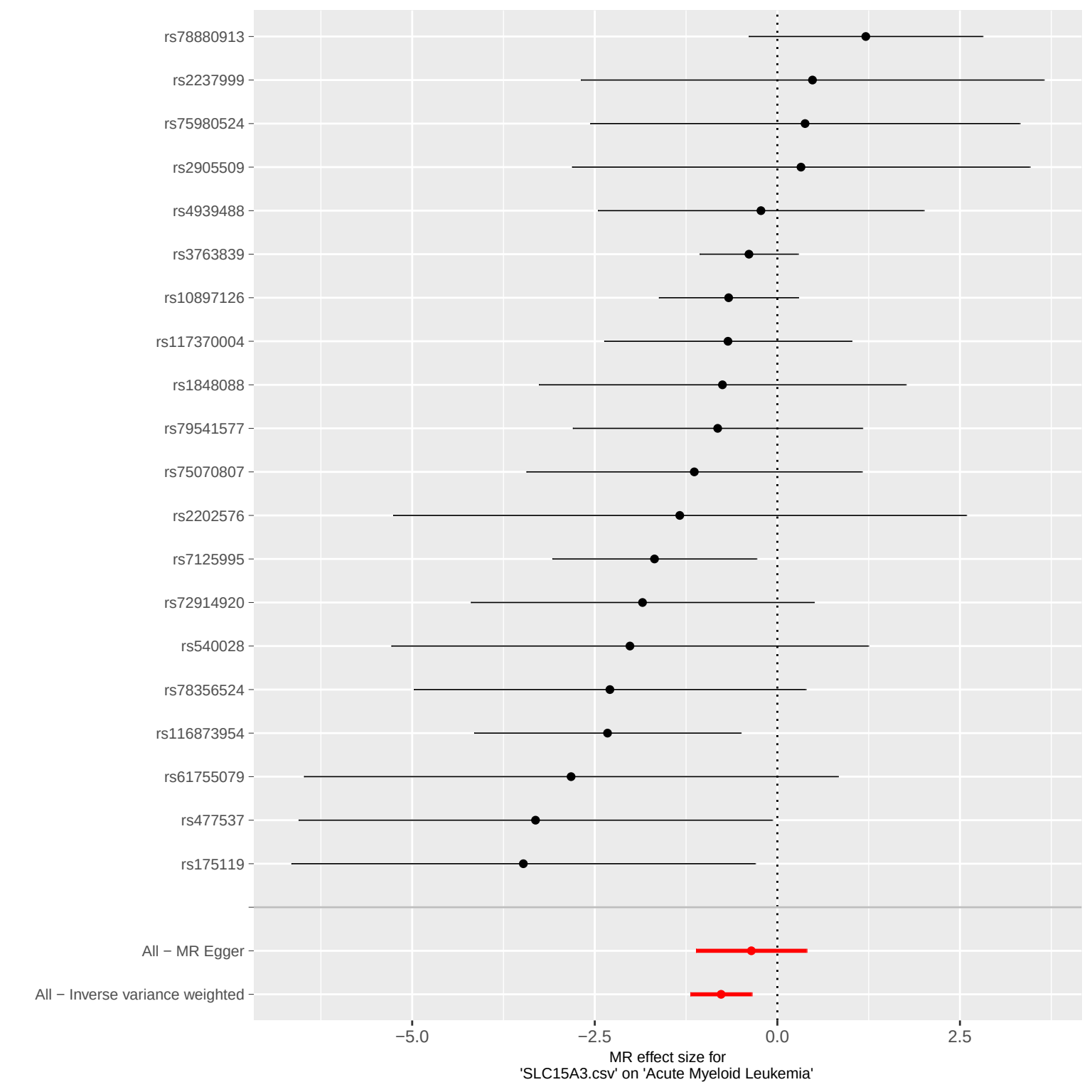
MR effect size for
'SLC12A7.csv' on 'Acute Myeloid Leukemia'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rs78356524
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rs61755079
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rs175119
All − MR Egger
All − Inverse variance weighted
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−2.5
0.0
2.5
MR effect size for
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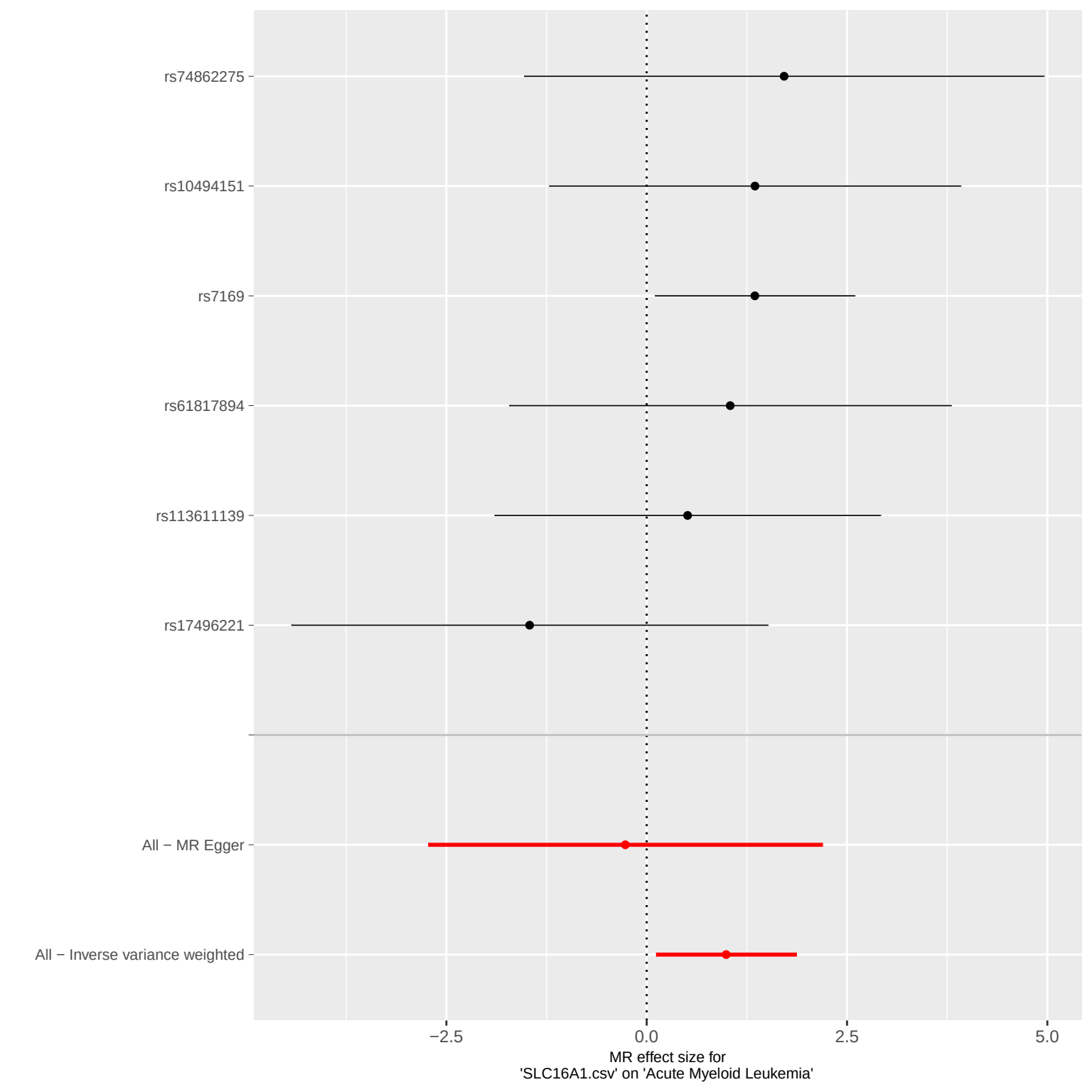
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All − Inverse variance weighted
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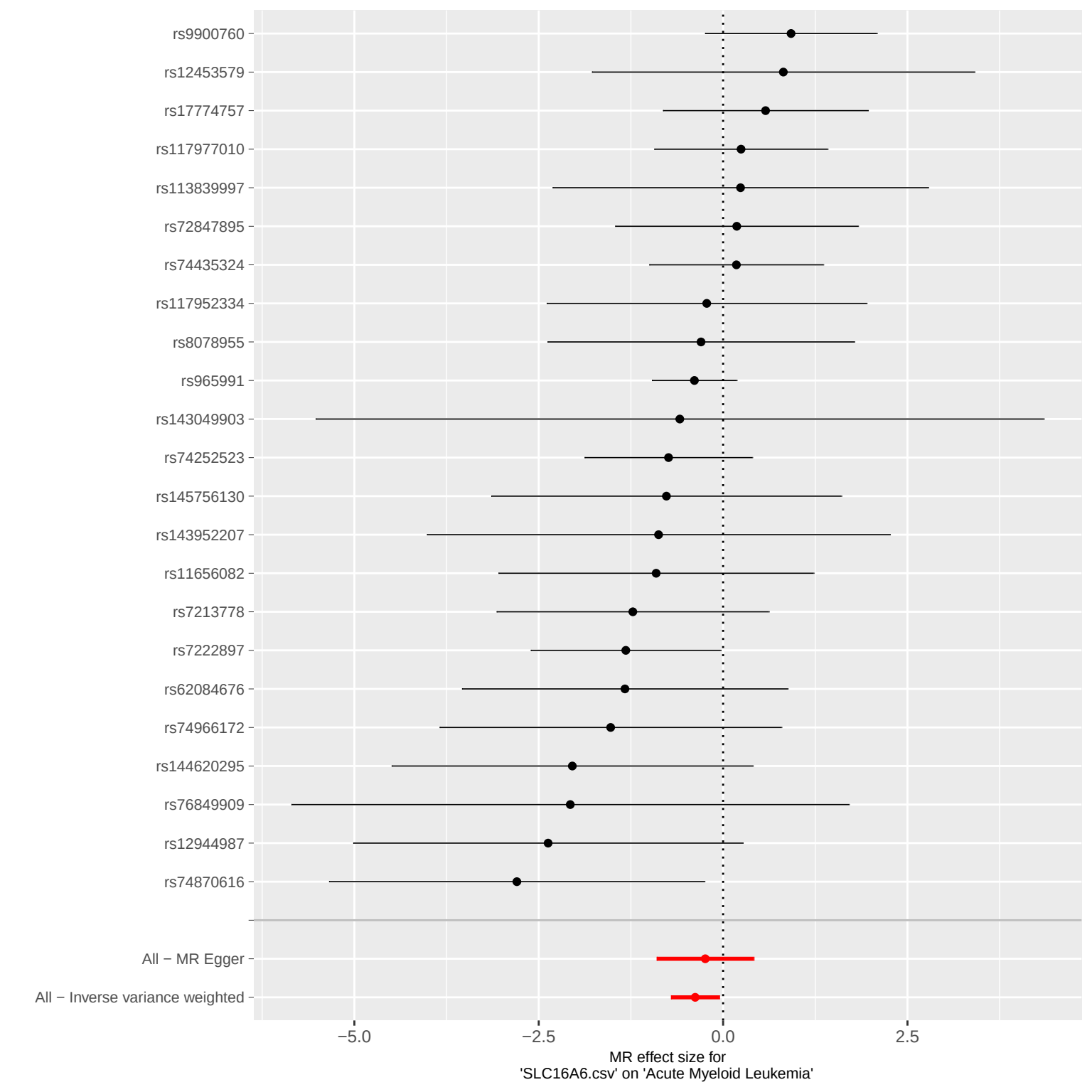
MR effect size for
'SLC16A1.csv' on 'Acute Myeloid Leukemia'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MR effect size for
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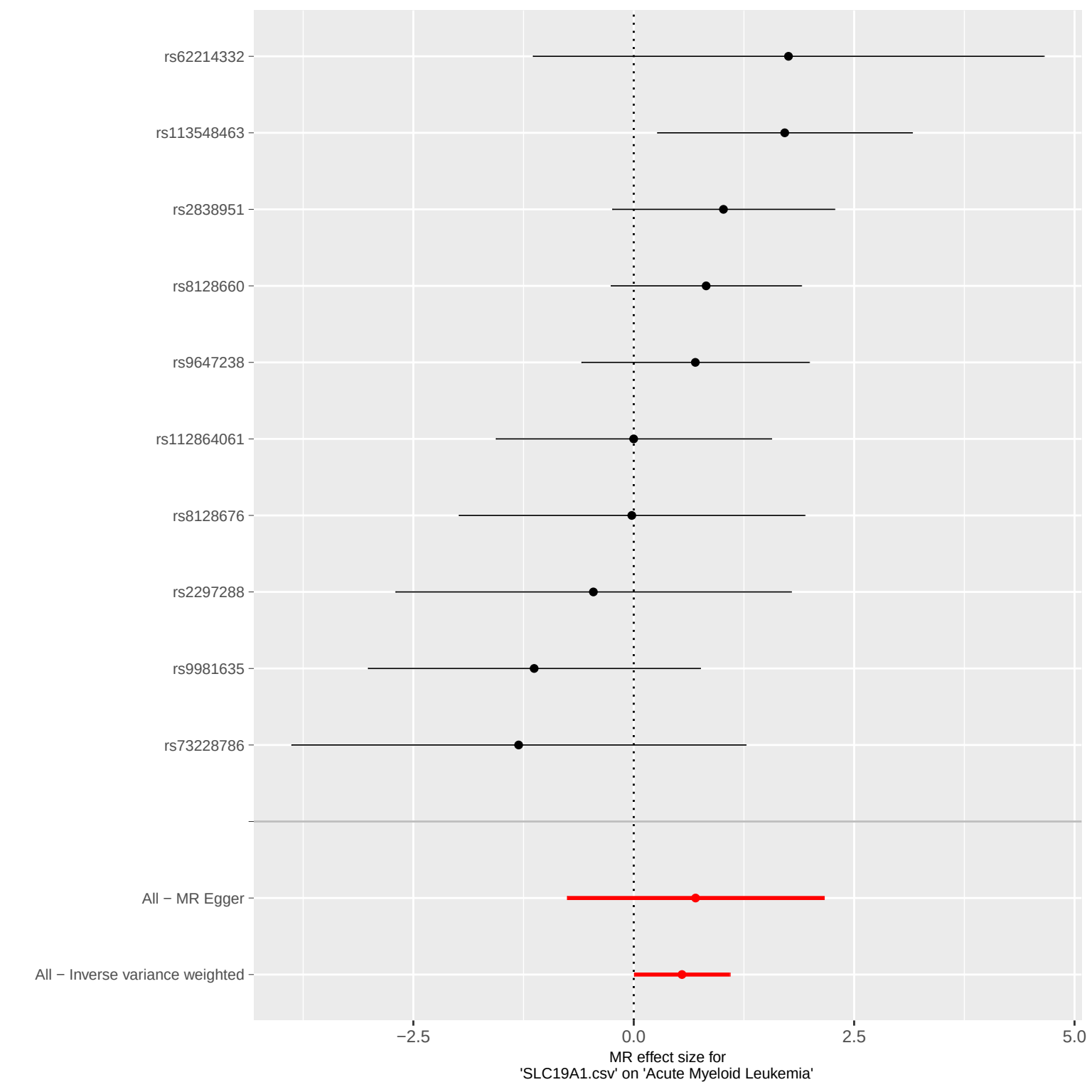
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All − Inverse variance weighted
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2.5
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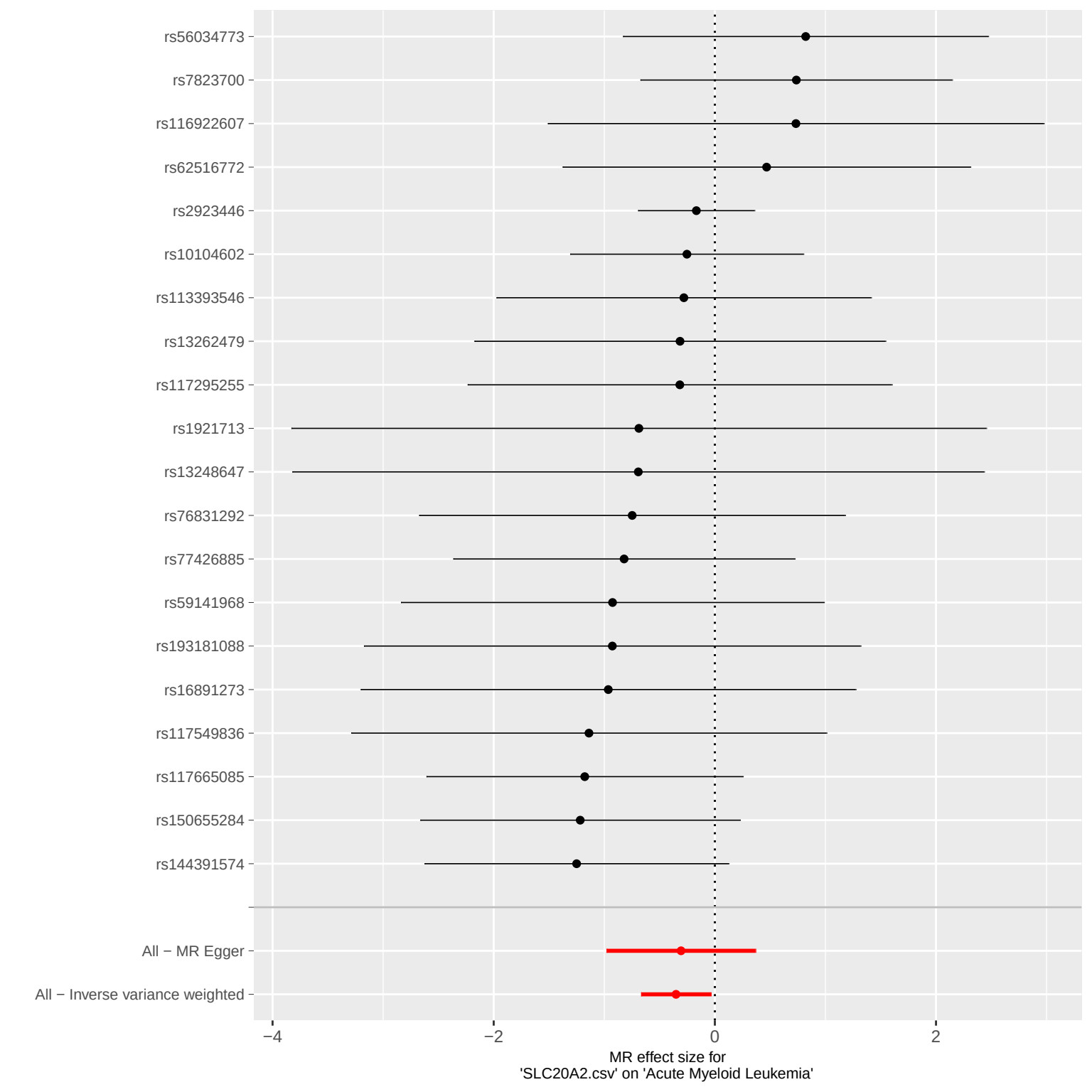
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All − Inverse variance weighted
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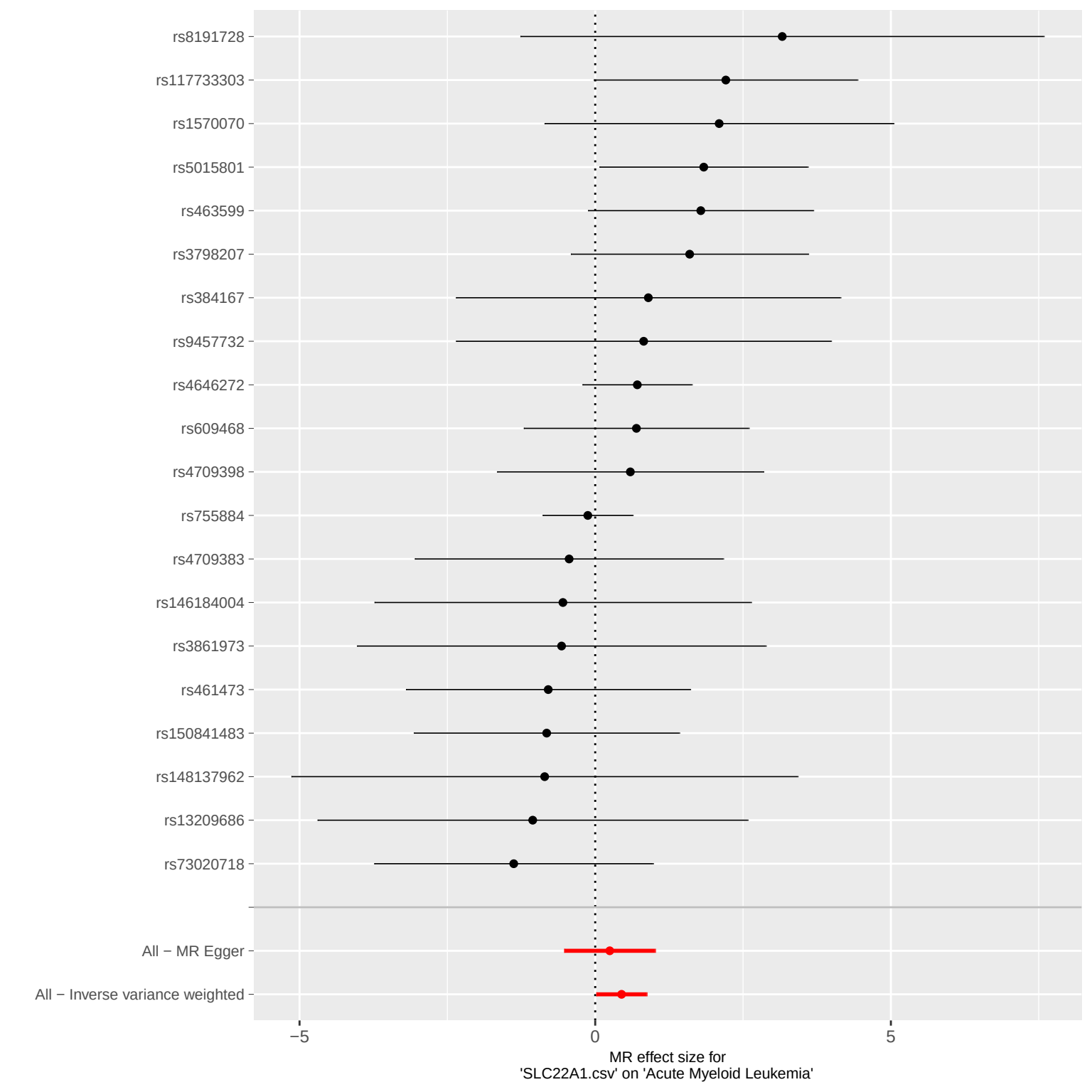
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All − Inverse variance weighted
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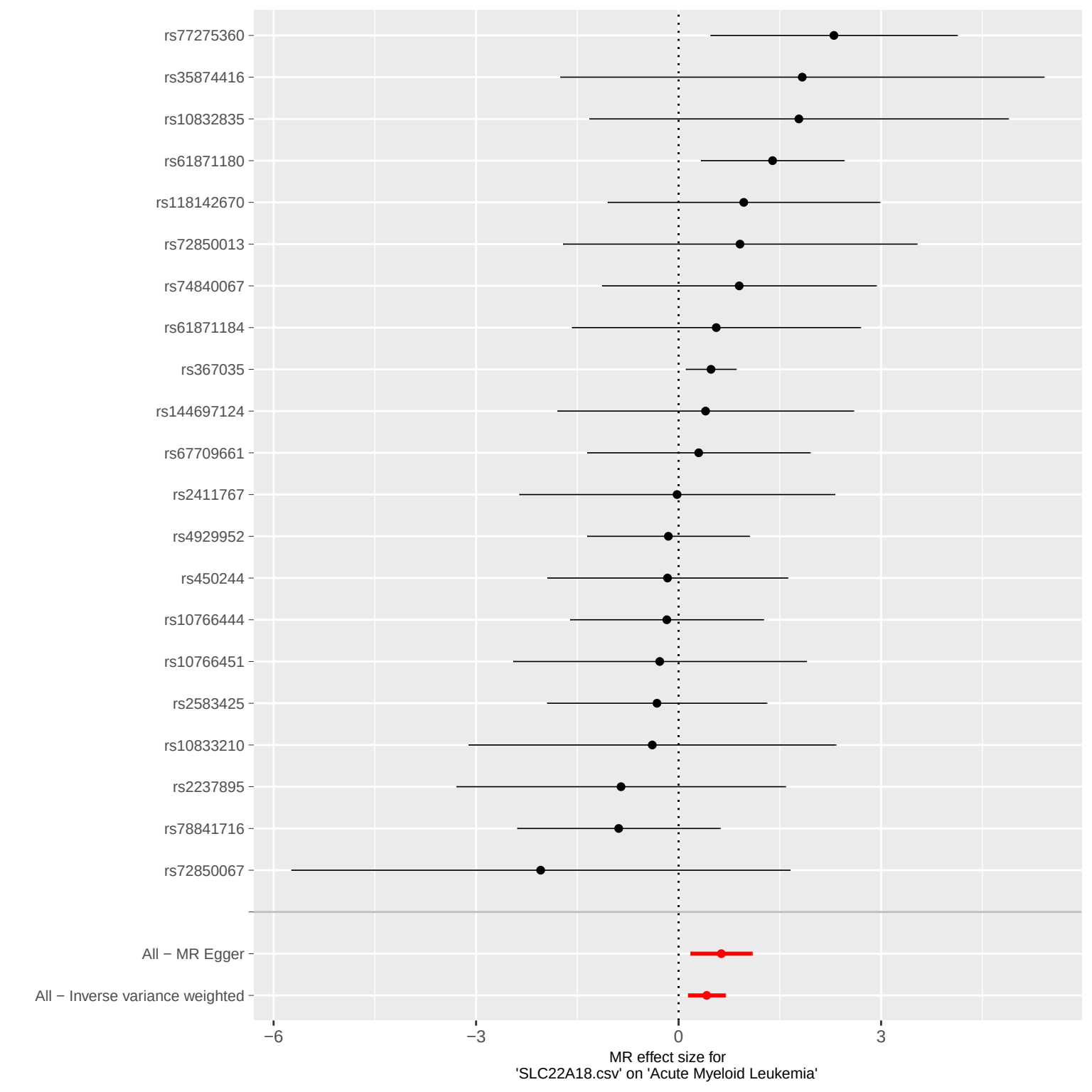
MR effect size for
'SLC22A1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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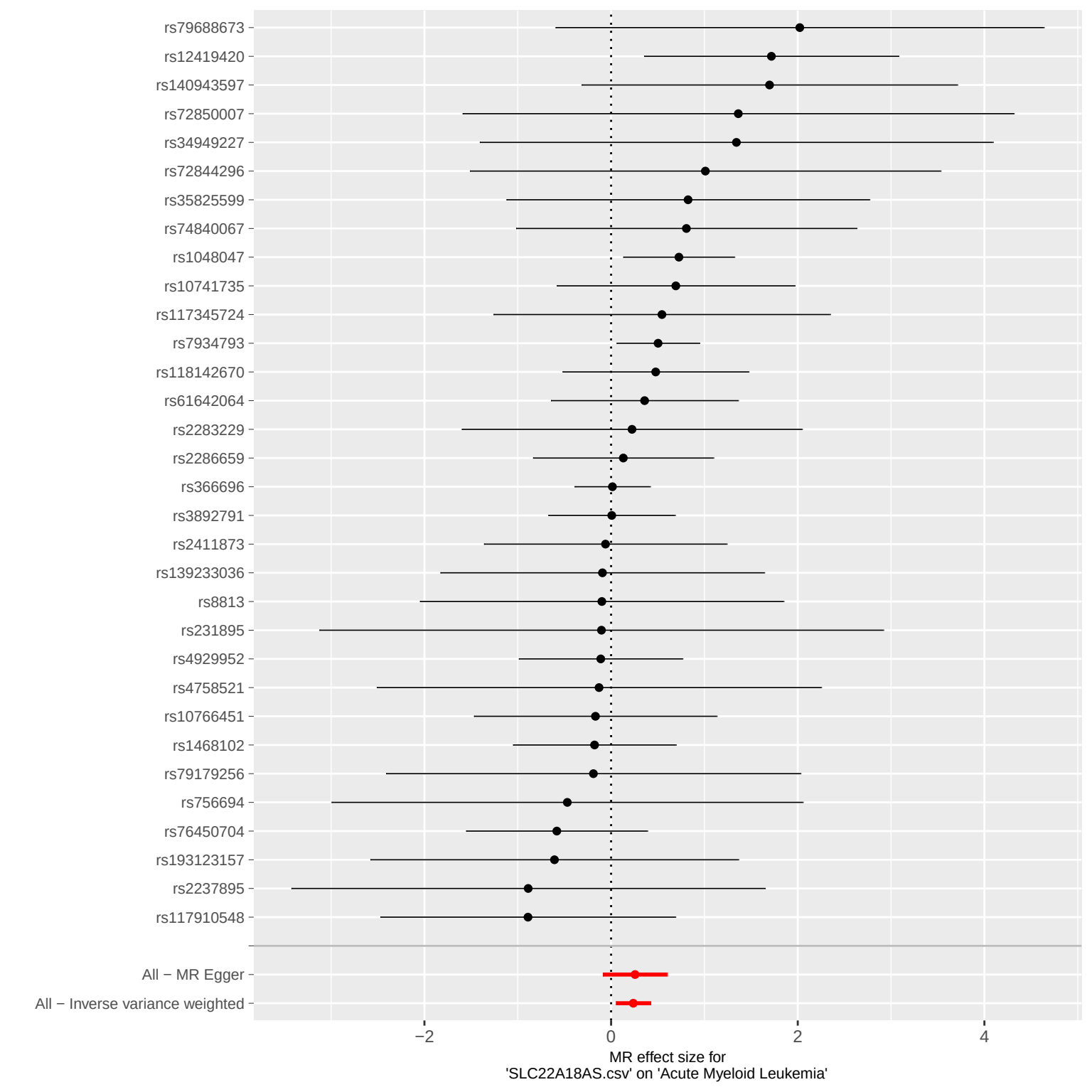
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All − MR Egger
All − Inverse variance weighted
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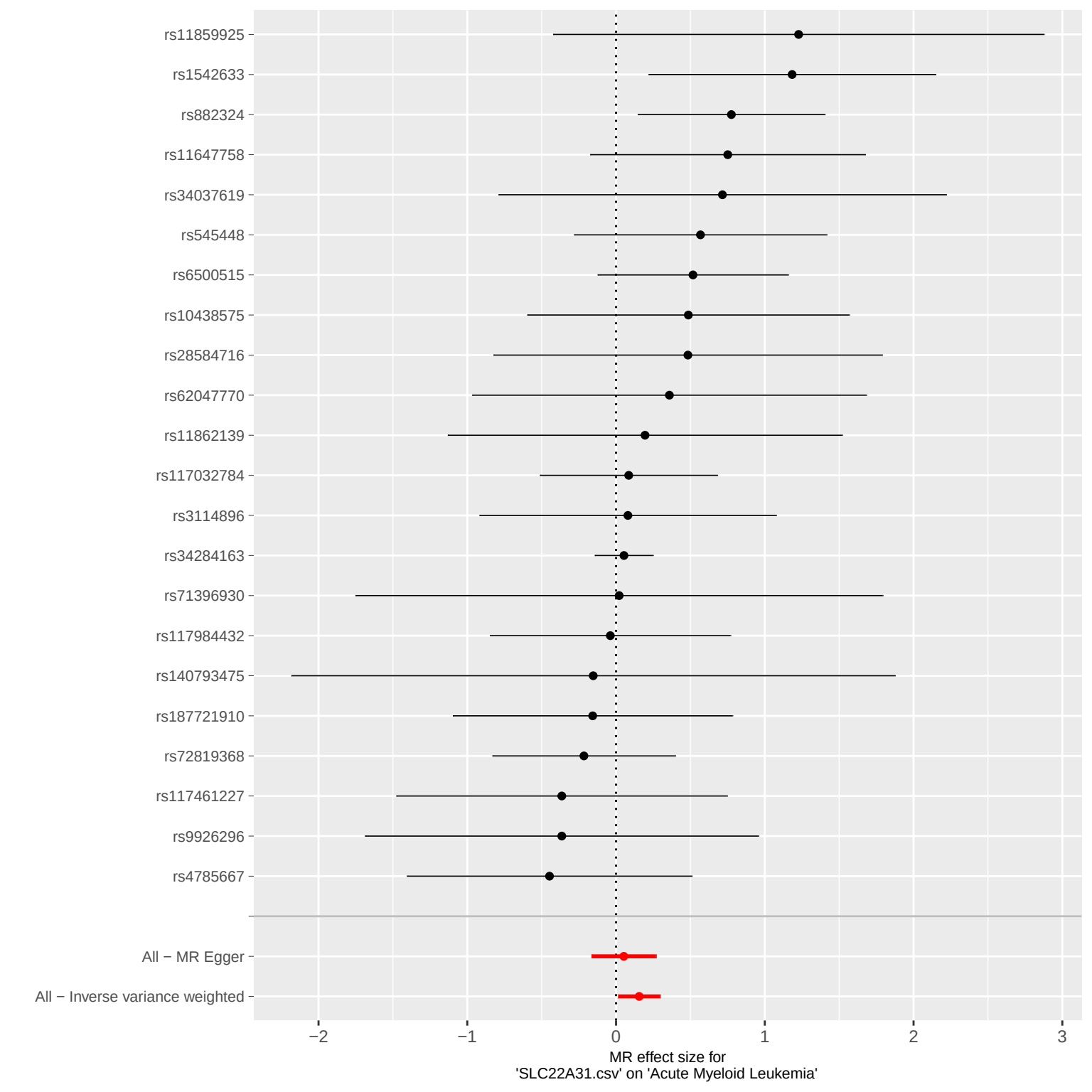
MR effect size for
'SLC22A18AS.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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1
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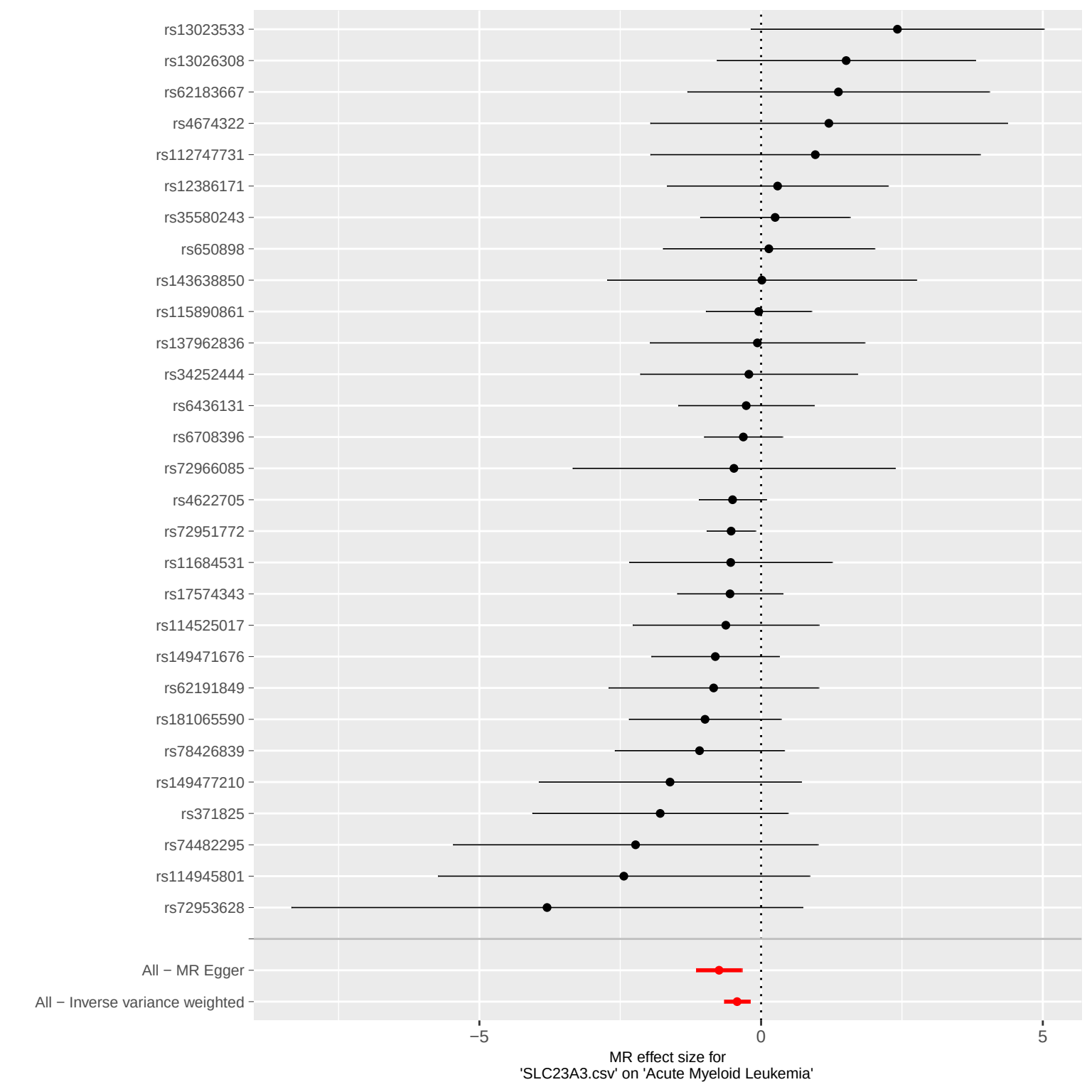
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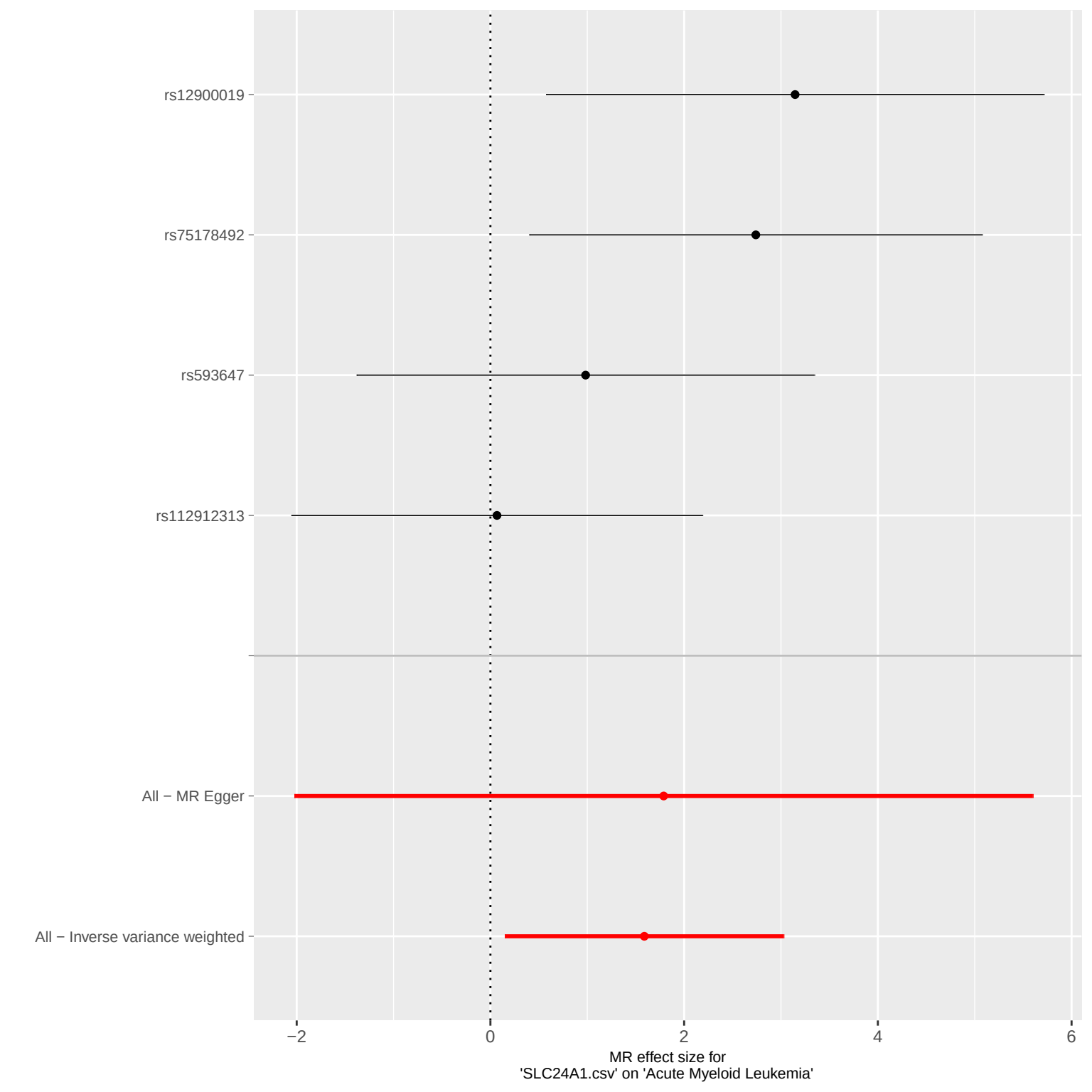
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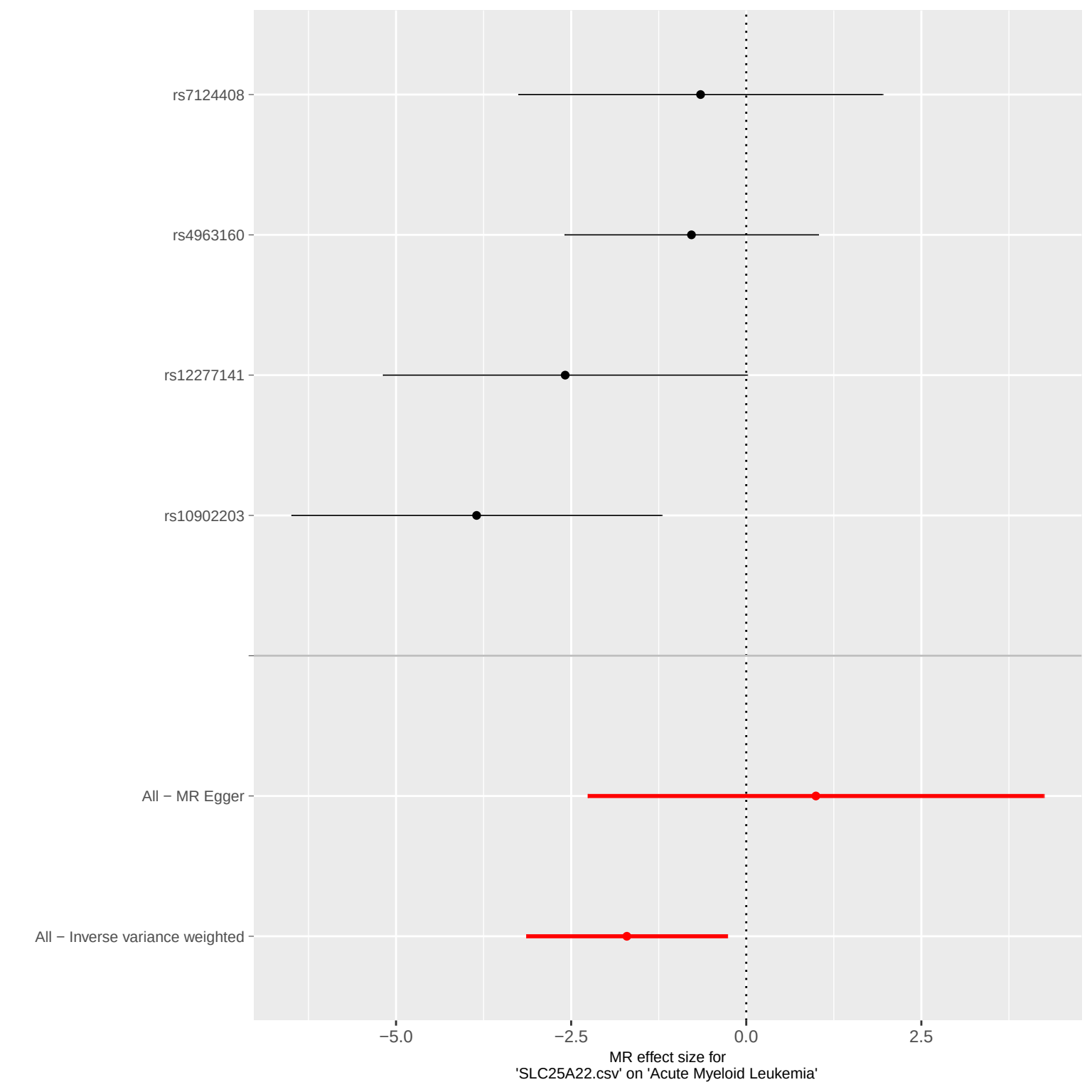
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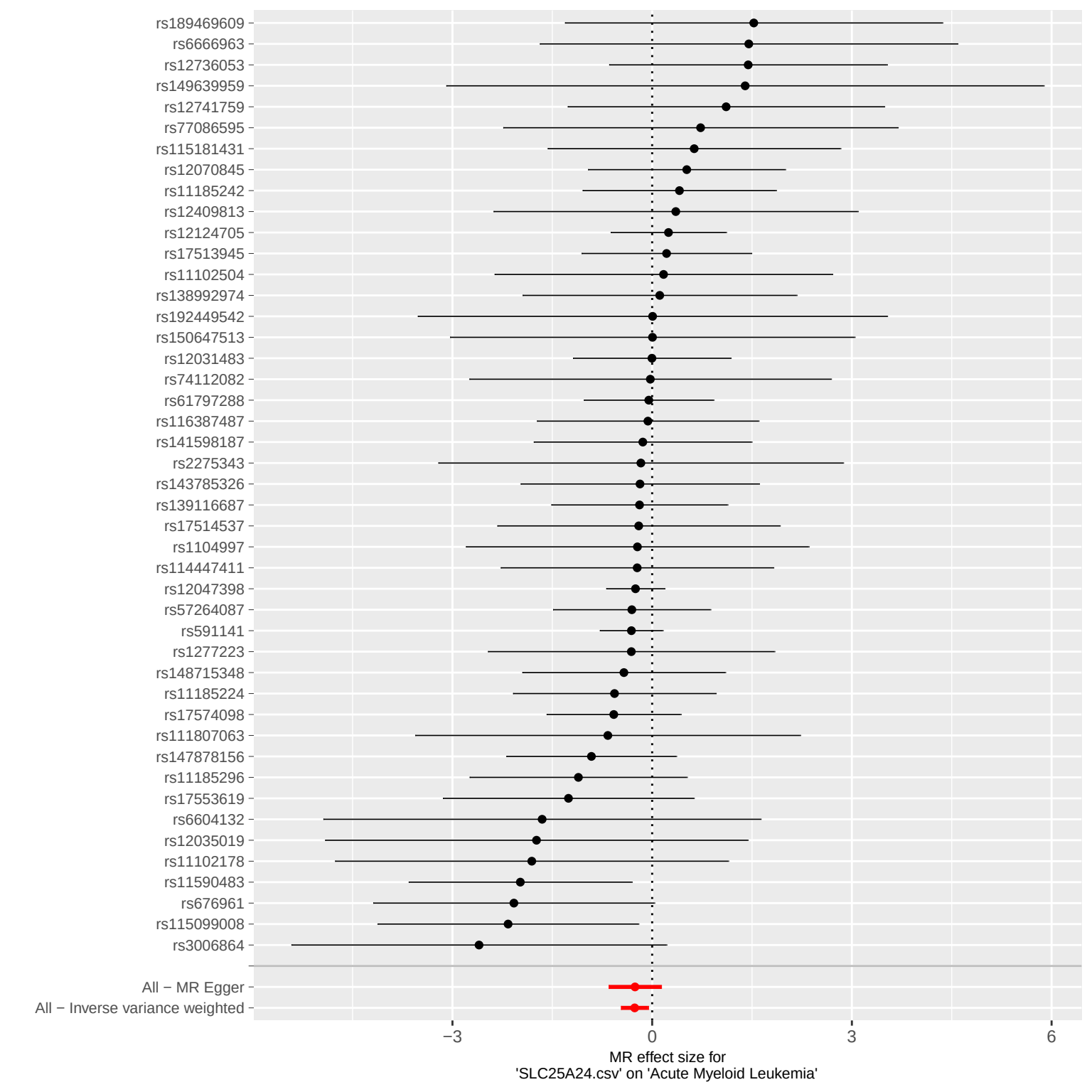
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All − Inverse variance weighted
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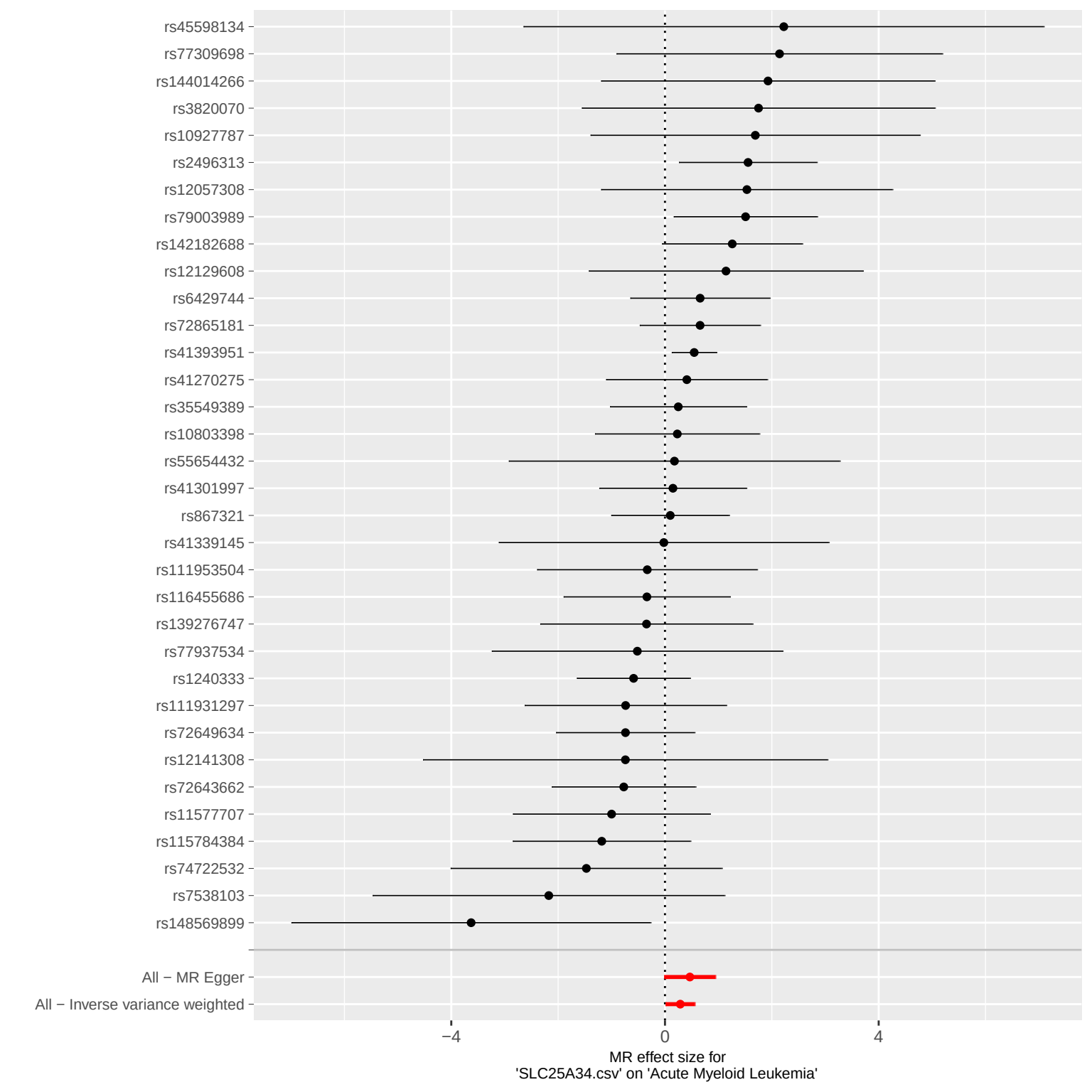
MR effect size for
'SLC25A24.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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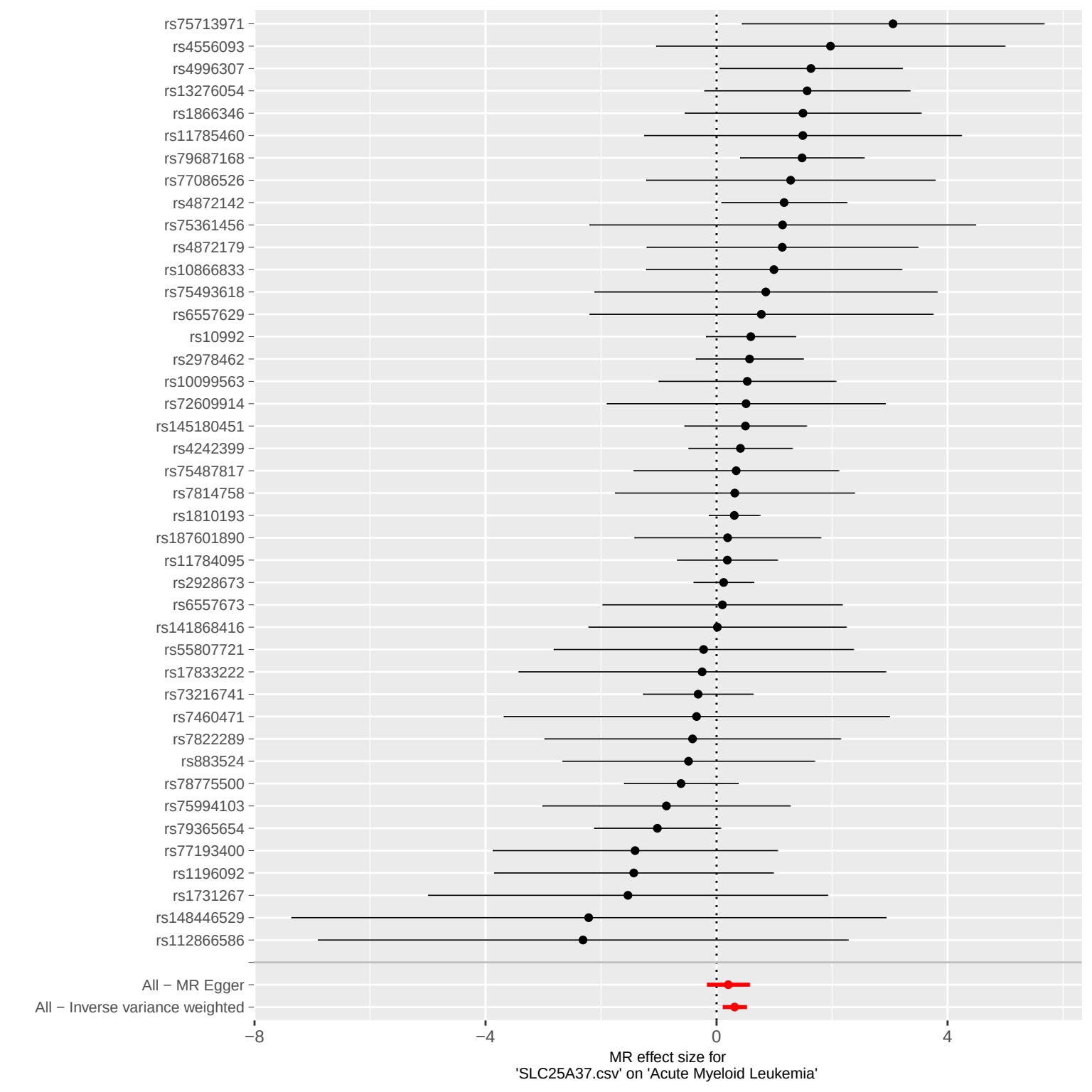
MR effect size for
'SLC25A34.csv' on 'Acute Myeloid Leukemia'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rs1731267
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rs112866586
All − MR Egger
All − Inverse variance weighted
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−4
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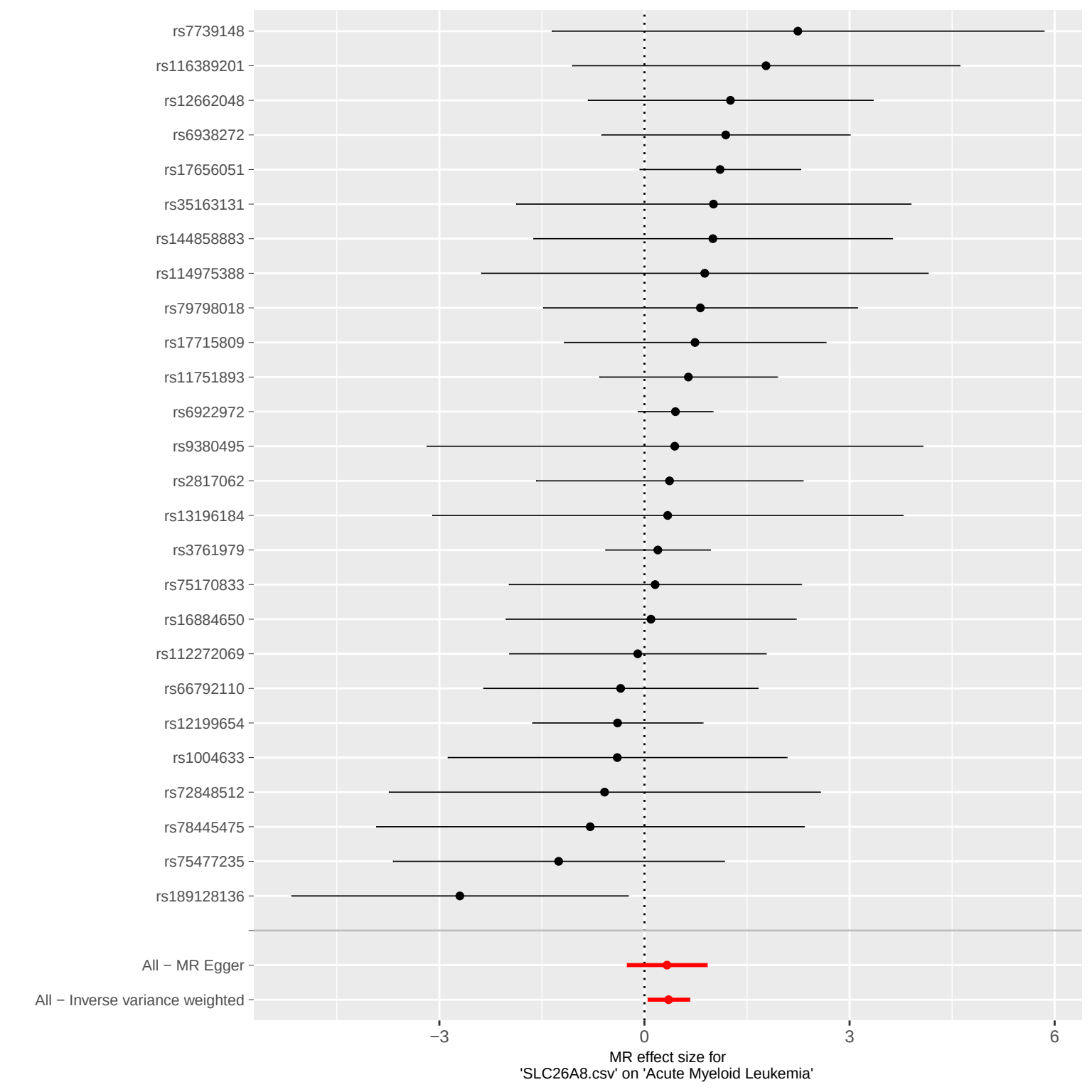
MR effect size for
'SLC25A37.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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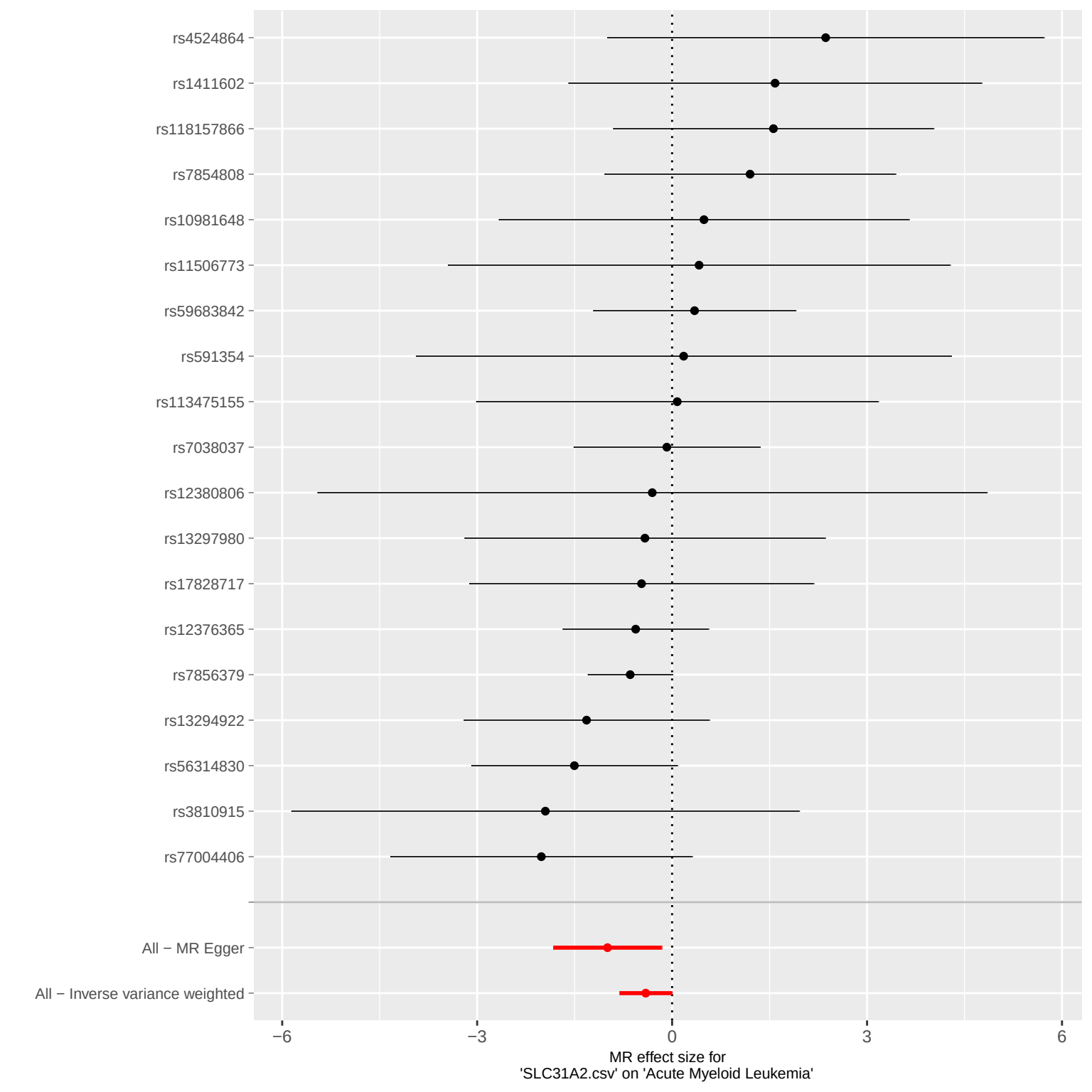
MR effect size for
'SLC26A8.csv' on 'Acute Myeloid Leukemia'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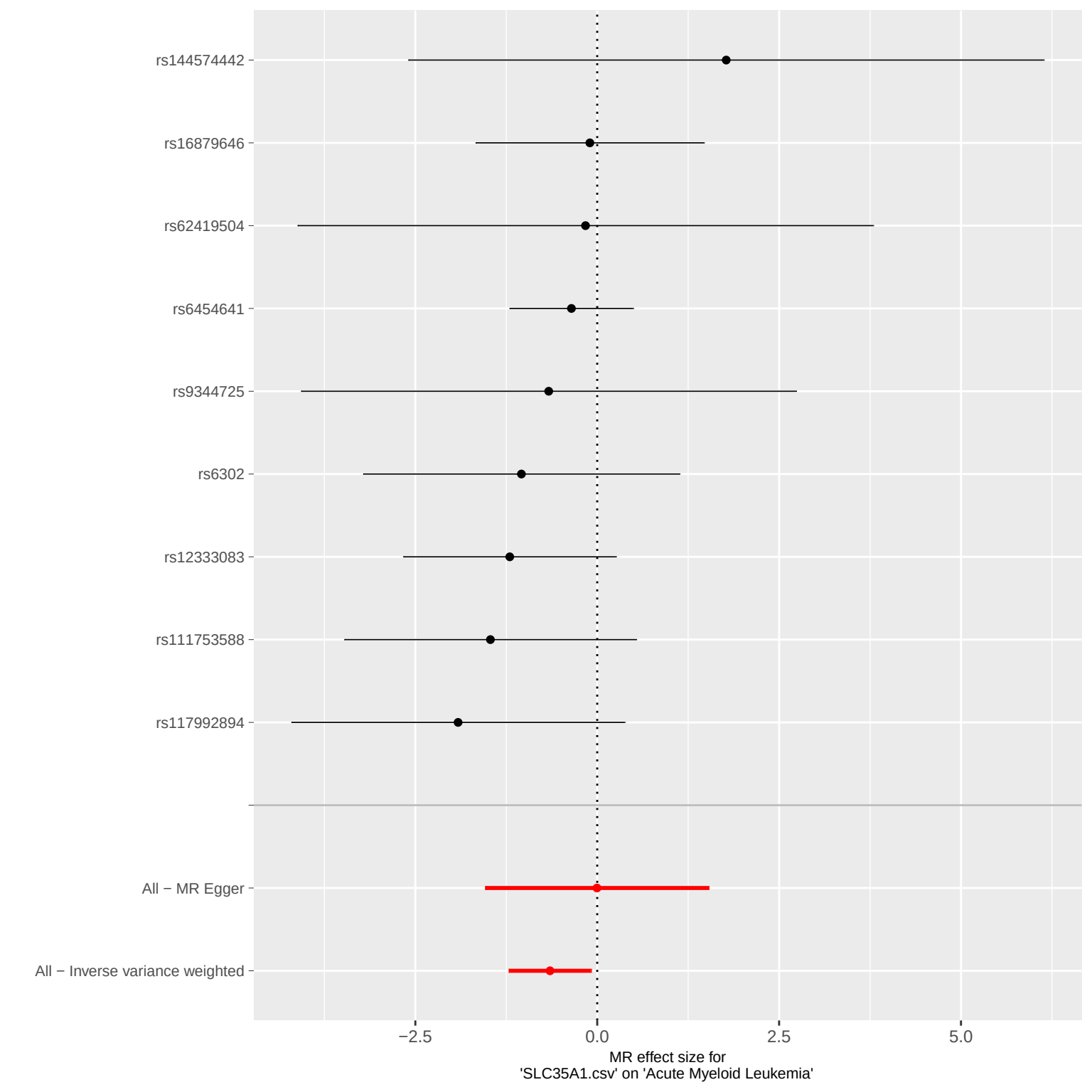
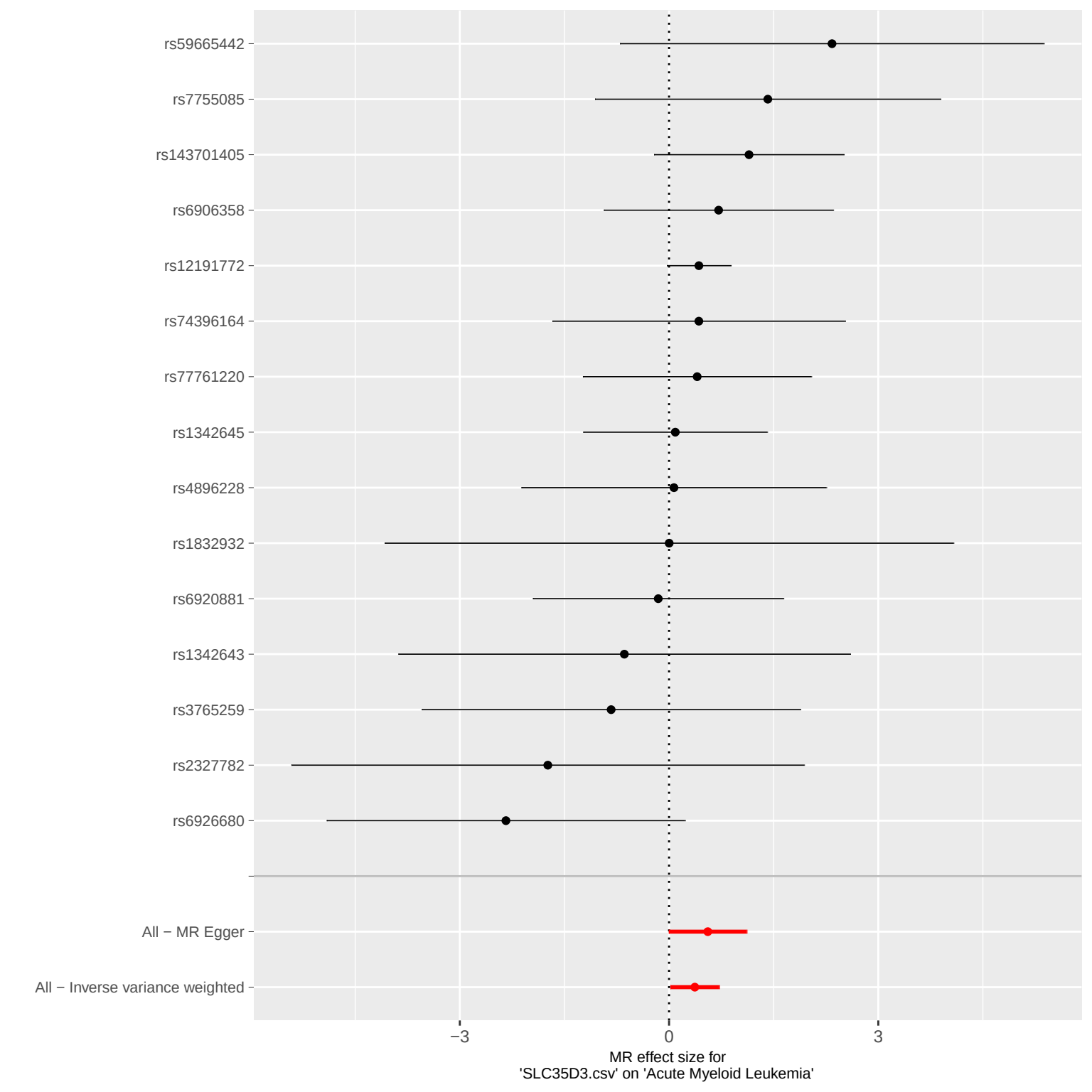
rs77004406
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'SLC31A2.csv' on 'Acute Myeloid Leukemia'


rs144574442
rs16879646
rs62419504
rs6454641
rs9344725
rs6302
rs12333083
rs111753588
rs117992894
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SLC35A1.csv' on 'Acute Myeloid Leukemia'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rs7755085
rs143701405
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rs12191772
rs74396164
rs77761220
rs1342645
rs4896228
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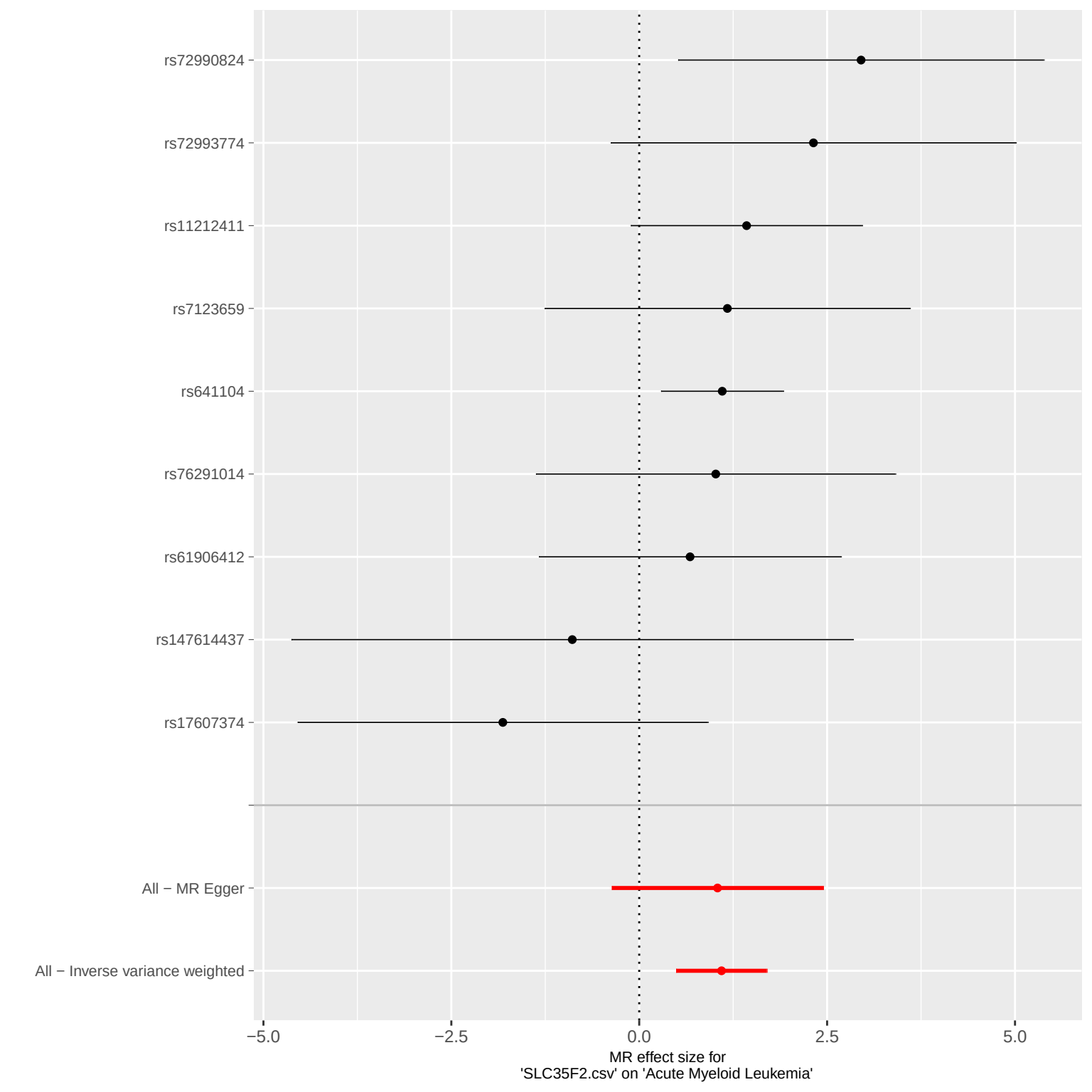
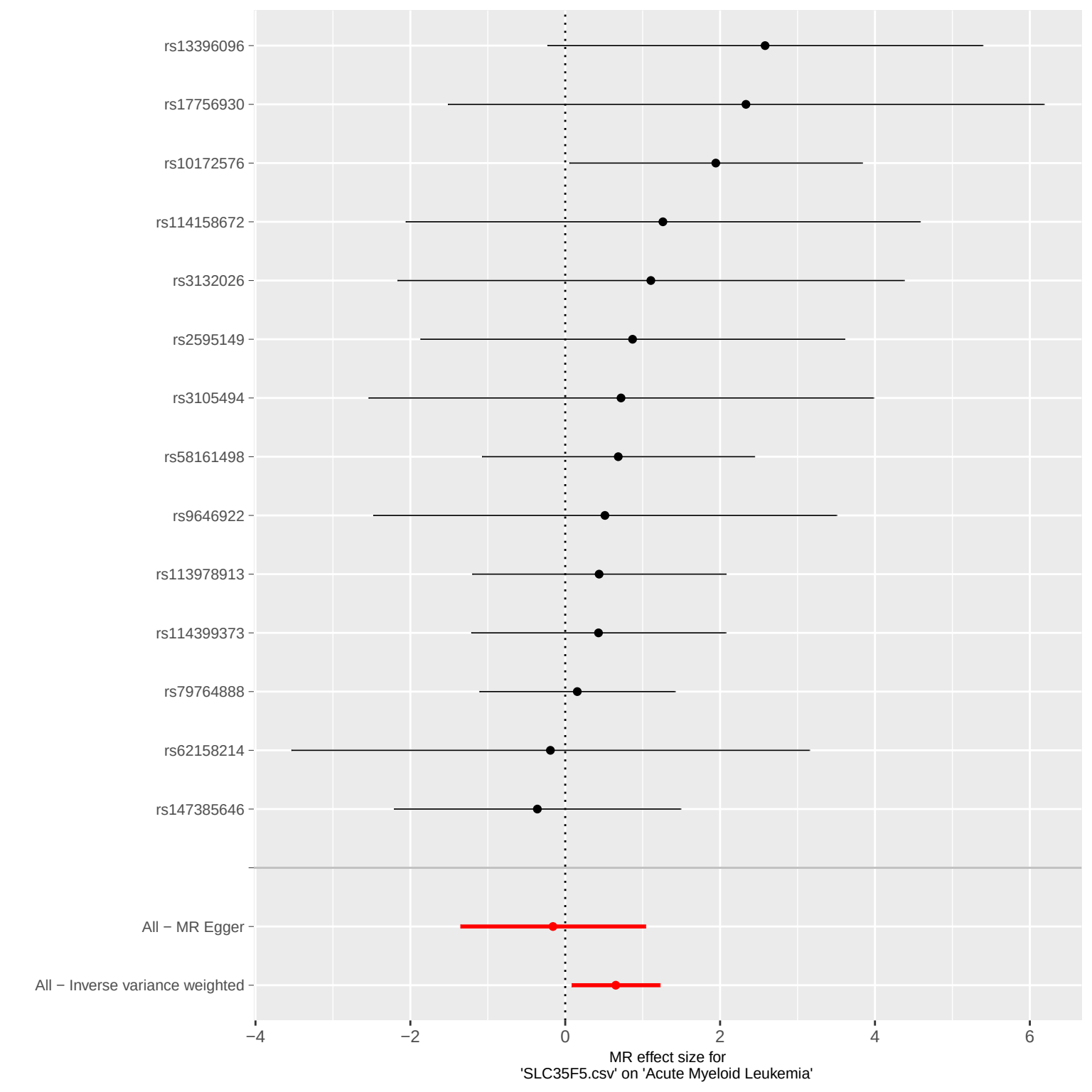
rs6920881
rs1342643
rs3765259
rs2327782
rs6926680
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'SLC35D3.csv' on 'Acute Myeloid Leukemia'


rs72990824
rs72993774
rs11212411
rs7123659
rs641104
rs76291014
rs61906412
rs147614437
rs17607374
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'SLC35F2.csv' on 'Acute Myeloid Leukemia'


rs13396096
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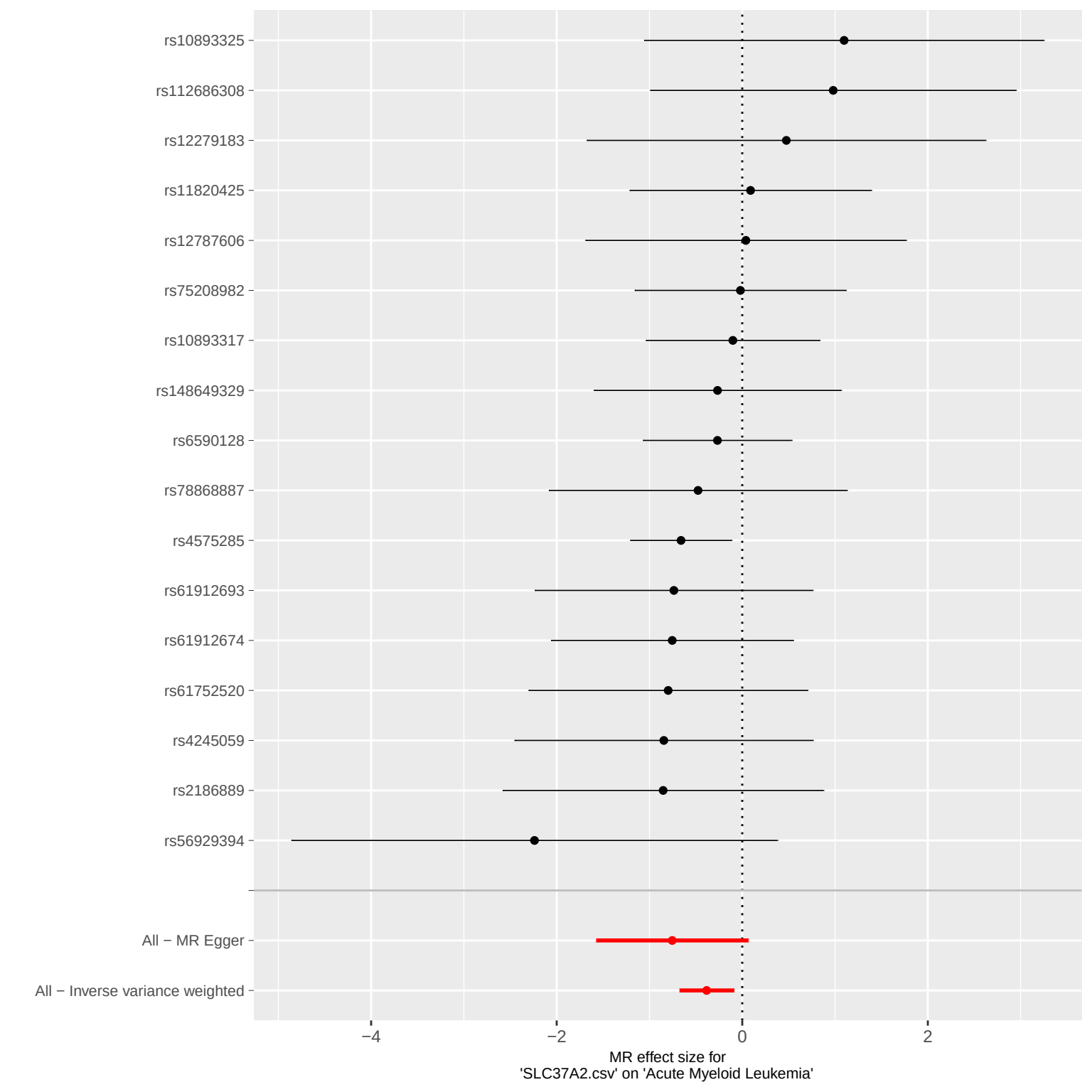
rs3132026
rs2595149
rs3105494
rs58161498
rs9646922
rs113978913
rs114399373
rs79764888
rs62158214
rs147385646
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'SLC35F5.csv' on 'Acute Myeloid Leukemia'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rs75208982
rs10893317
rs148649329
rs6590128
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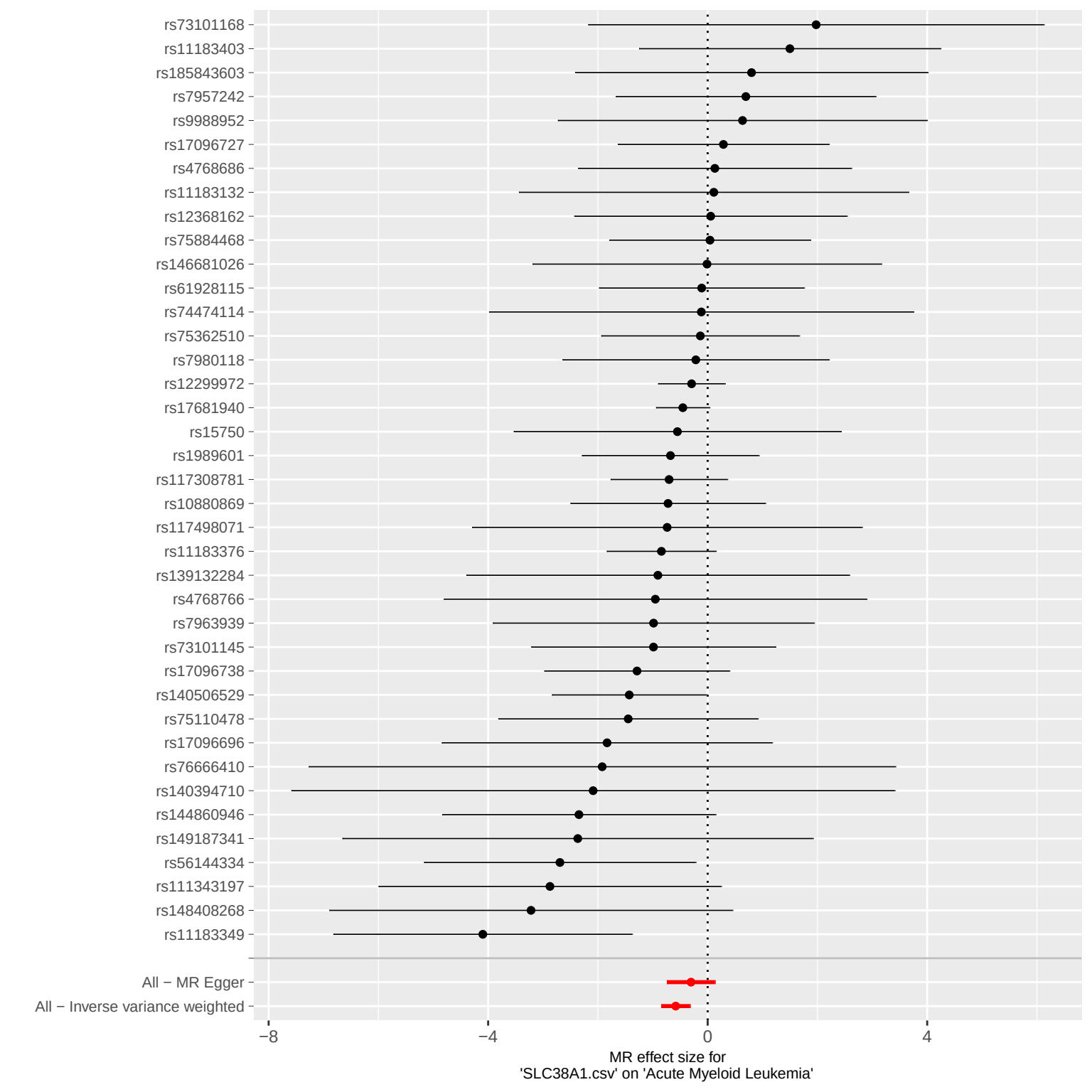
rs61912693
rs61912674
rs61752520
rs4245059
rs2186889
rs56929394
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SLC37A2.csv' on 'Acute Myeloid Leukemia'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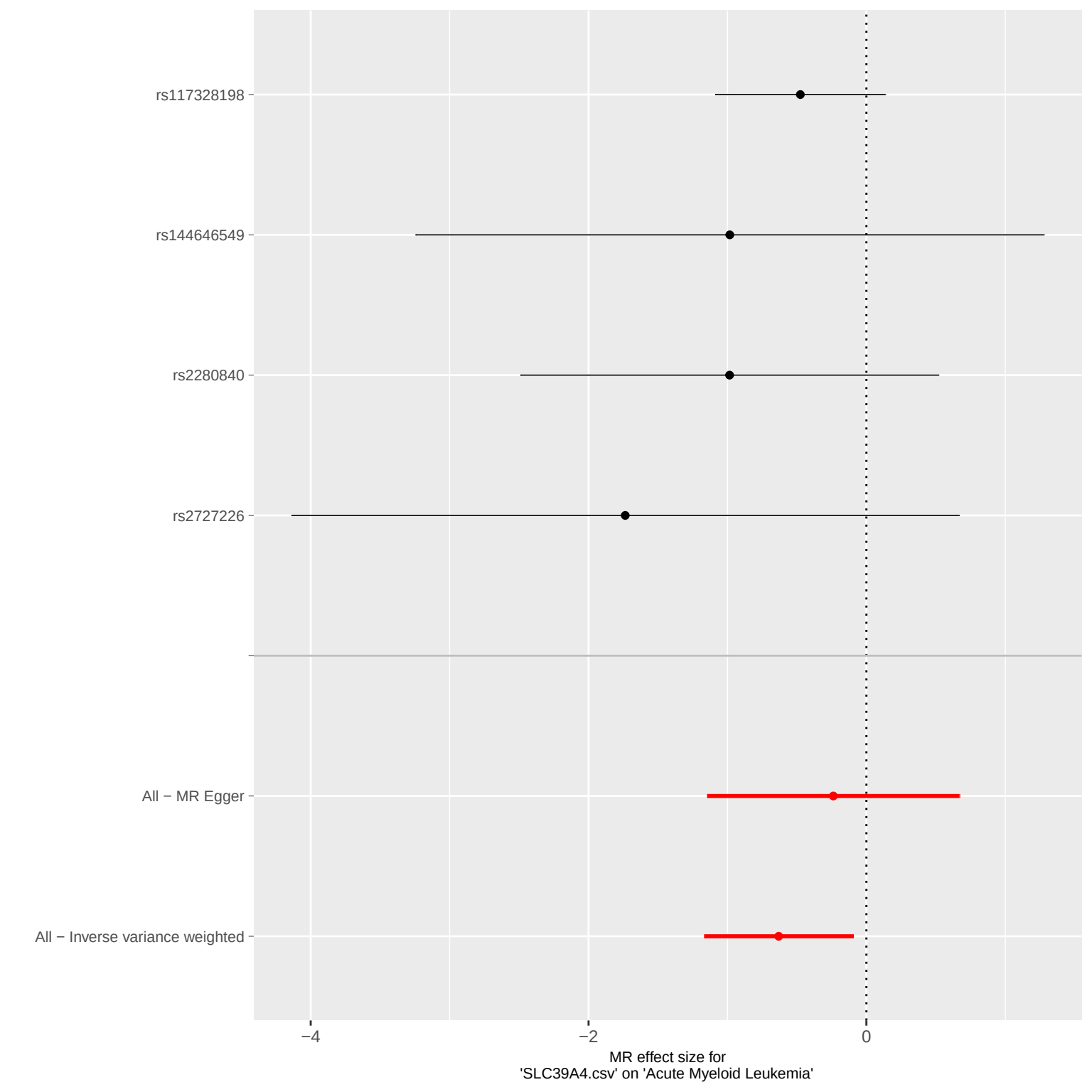
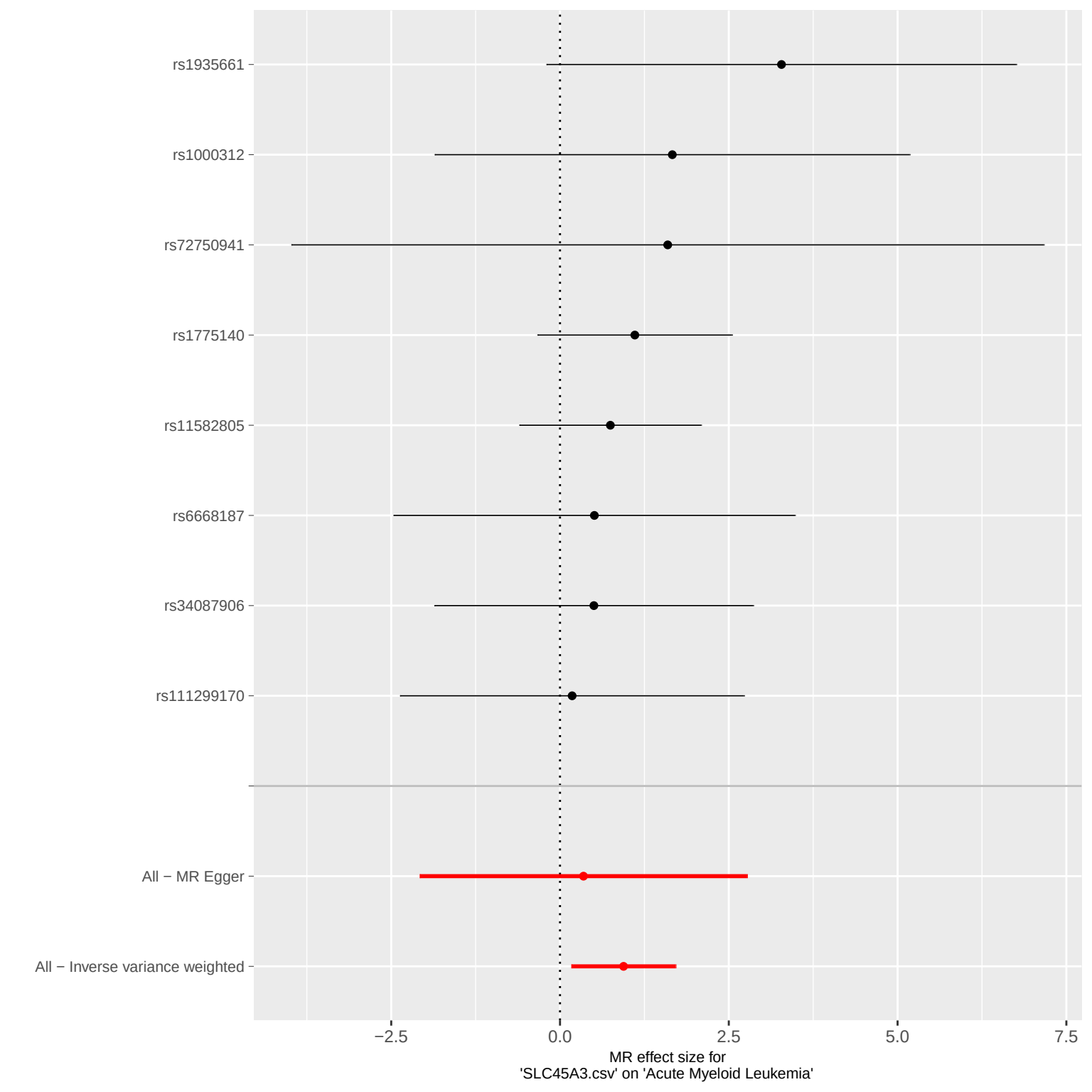
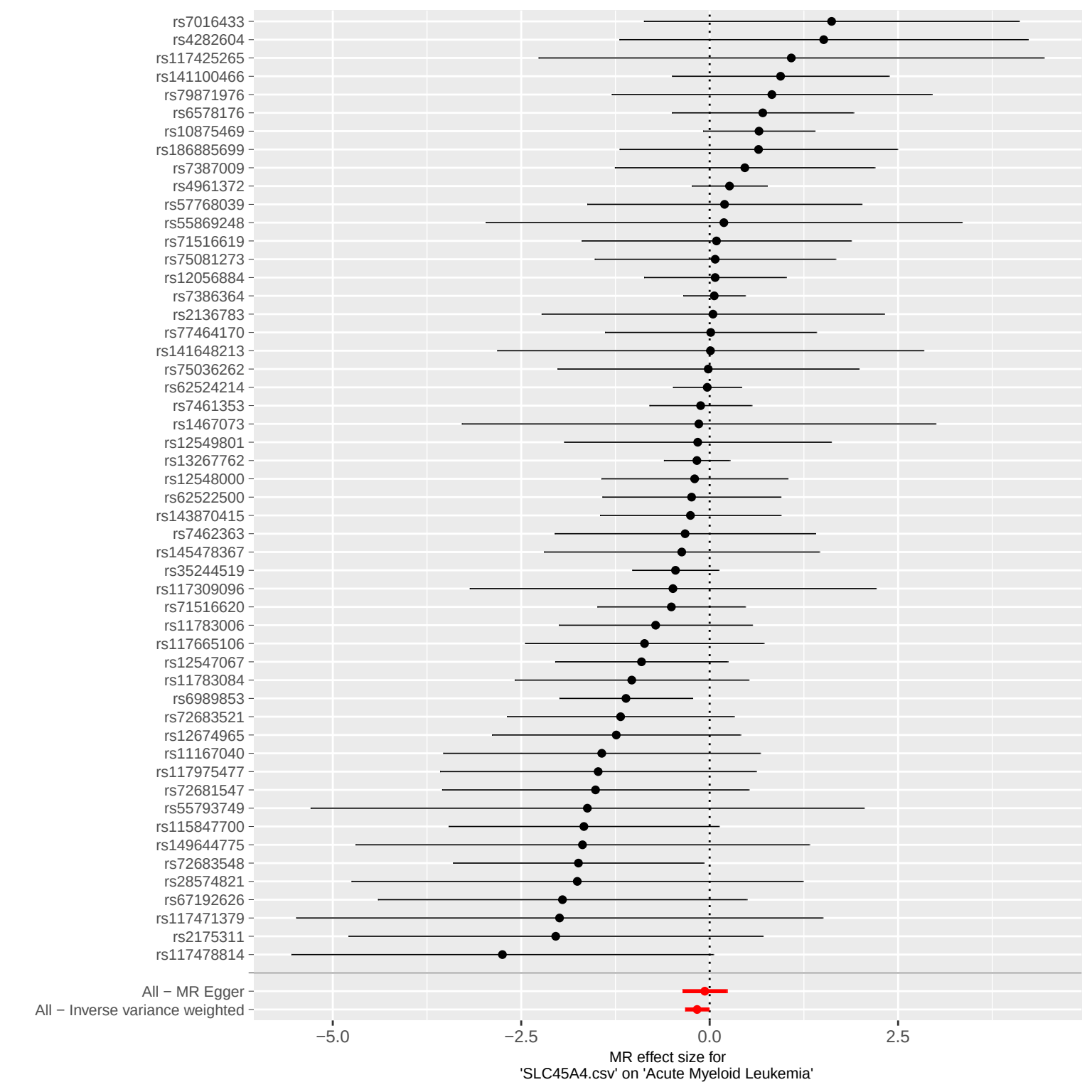
rs61928115
rs74474114
rs75362510
rs7980118
rs12299972
rs17681940
rs15750
rs1989601
rs117308781
rs10880869
rs117498071
rs11183376
rs139132284
rs4768766
rs7963939
rs73101145
rs17096738
rs140506529
rs75110478
rs17096696
rs76666410
rs140394710
rs144860946
rs149187341
rs56144334
rs111343197
rs148408268
rs11183349
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SLC38A1.csv' on 'Acute Myeloid Leukemia'


rs117328198
rs144646549
rs2280840
rs2727226
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'SLC39A4.csv' on 'Acute Myeloid Leukemia'


rs1935661
rs1000312
rs72750941
rs1775140
rs11582805
rs6668187
rs34087906
rs111299170
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'SLC45A3.csv' on 'Acute Myeloid Leukemia'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rs141100466
rs79871976
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rs4961372
rs57768039
rs55869248
rs71516619
rs75081273
rs12056884
rs7386364
rs2136783
rs77464170
rs141648213
rs75036262
rs62524214
rs7461353
rs1467073
rs12549801
rs13267762
rs12548000
rs62522500
rs143870415
rs7462363
rs145478367
rs35244519
rs117309096
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rs11783006
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rs12547067
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rs6989853
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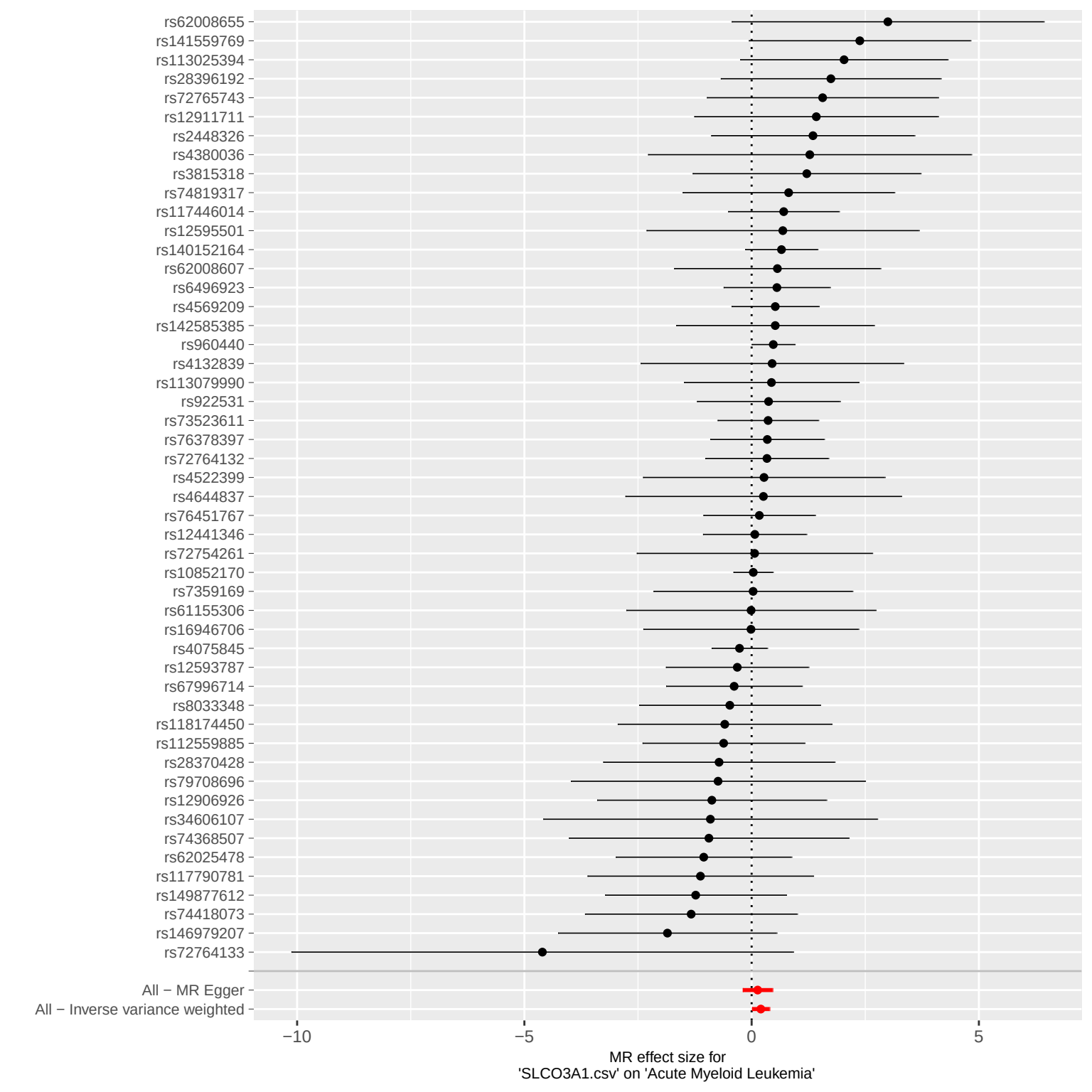
rs117975477
rs72681547
rs55793749
rs115847700
rs149644775
rs72683548
rs28574821
rs67192626
rs117471379
rs2175311
rs117478814
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SLC45A4.csv' on 'Acute Myeloid Leukemia'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rs117446014
rs12595501
rs140152164
rs62008607
rs6496923
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rs142585385
rs960440
rs4132839
rs113079990
rs922531
rs73523611
rs76378397
rs72764132
rs4522399
rs4644837
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rs7359169
rs61155306
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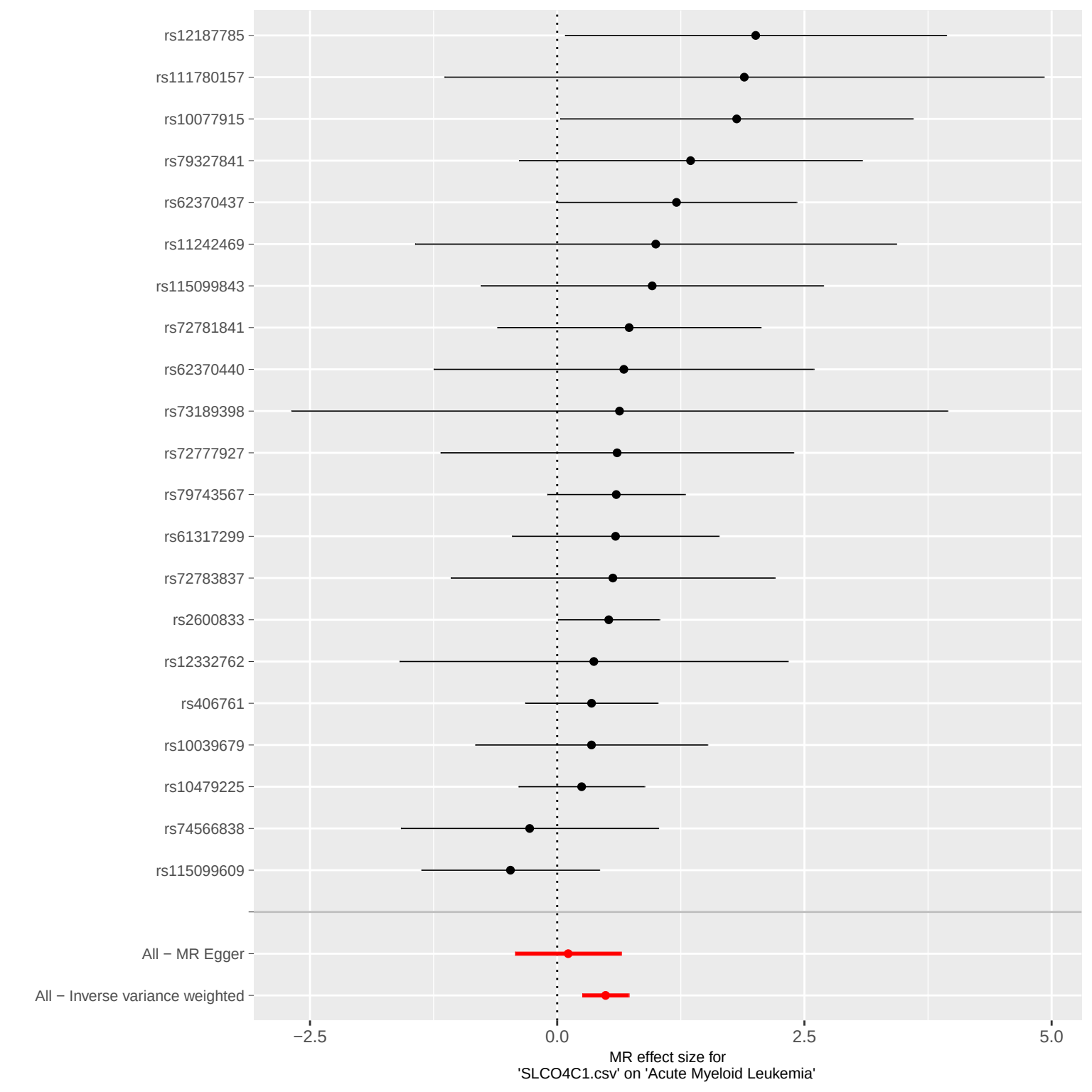
rs112559885
rs28370428
rs79708696
rs12906926
rs34606107
rs74368507
rs62025478
rs117790781
rs149877612
rs74418073
rs146979207
rs72764133
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SLCO3A1.csv' on 'Acute Myeloid Leukemia'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rs62370437
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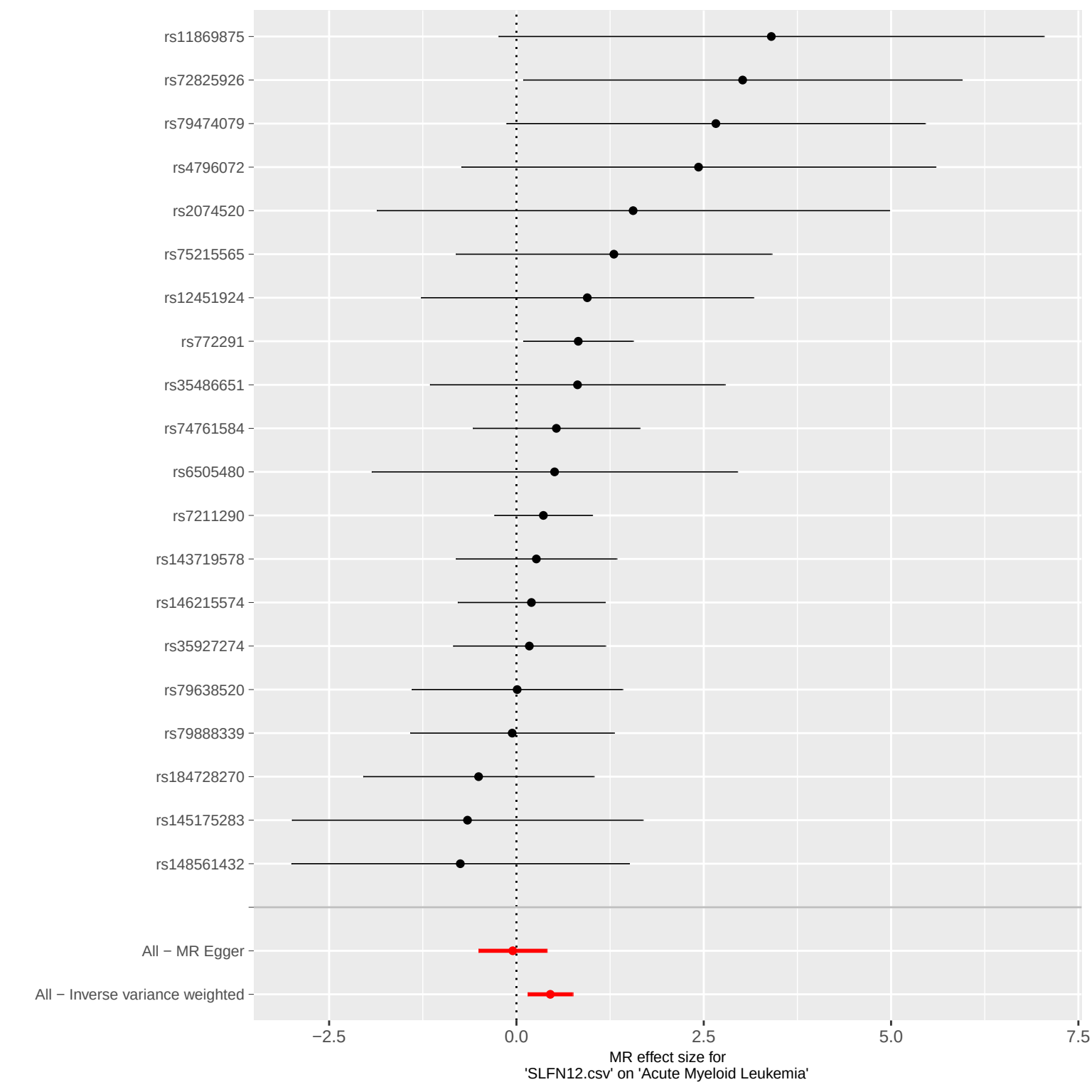
rs72777927
rs79743567
rs61317299
rs72783837
rs2600833
rs12332762
rs406761
rs10039679
rs10479225
rs74566838
rs115099609
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SLCO4C1.csv' on 'Acute Myeloid Leukemia'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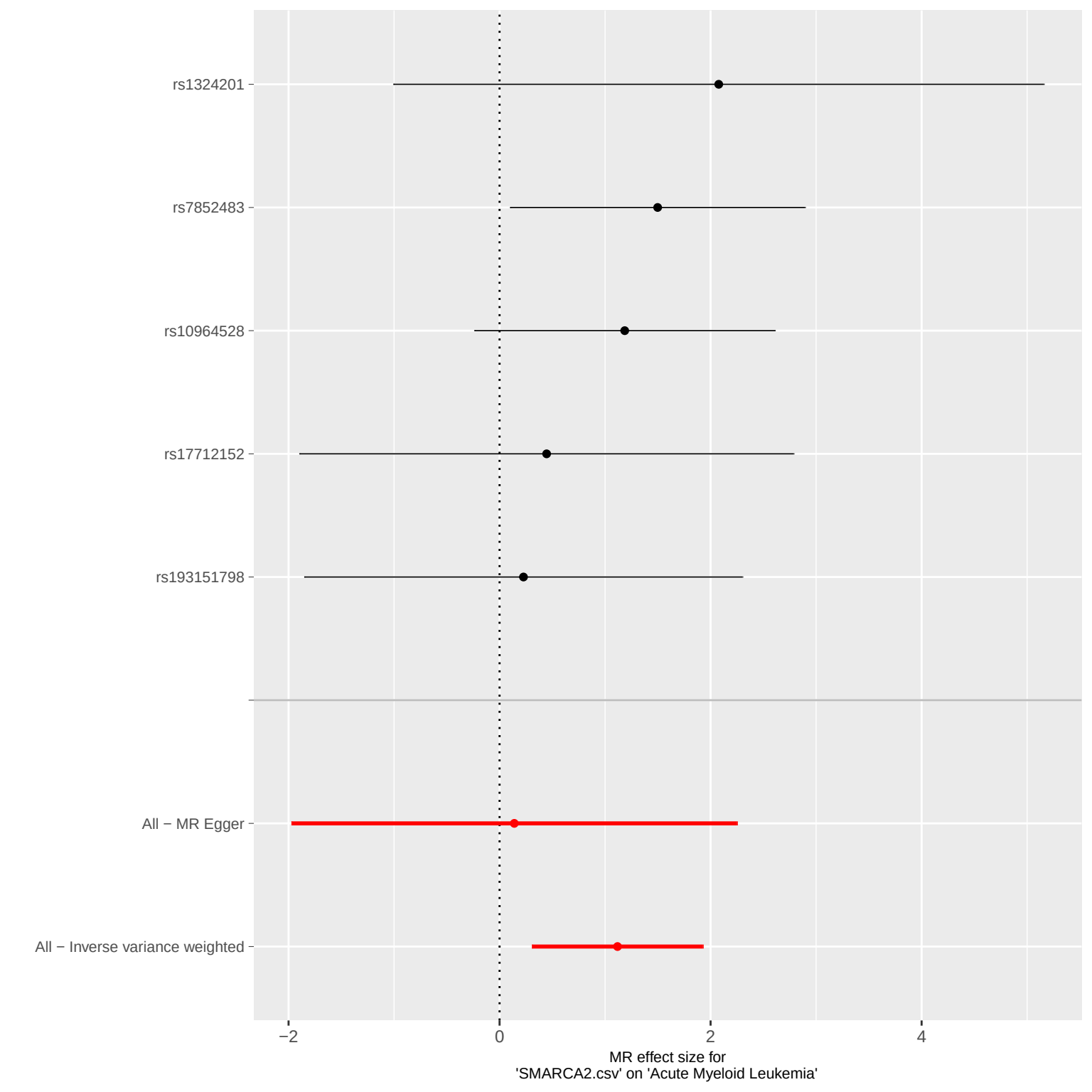
rs7211290
rs143719578
rs146215574
rs35927274
rs79638520
rs79888339
rs184728270
rs145175283
rs148561432
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'SLFN12.csv' on 'Acute Myeloid Leukemia'


rs1324201
rs7852483
rs10964528
rs17712152
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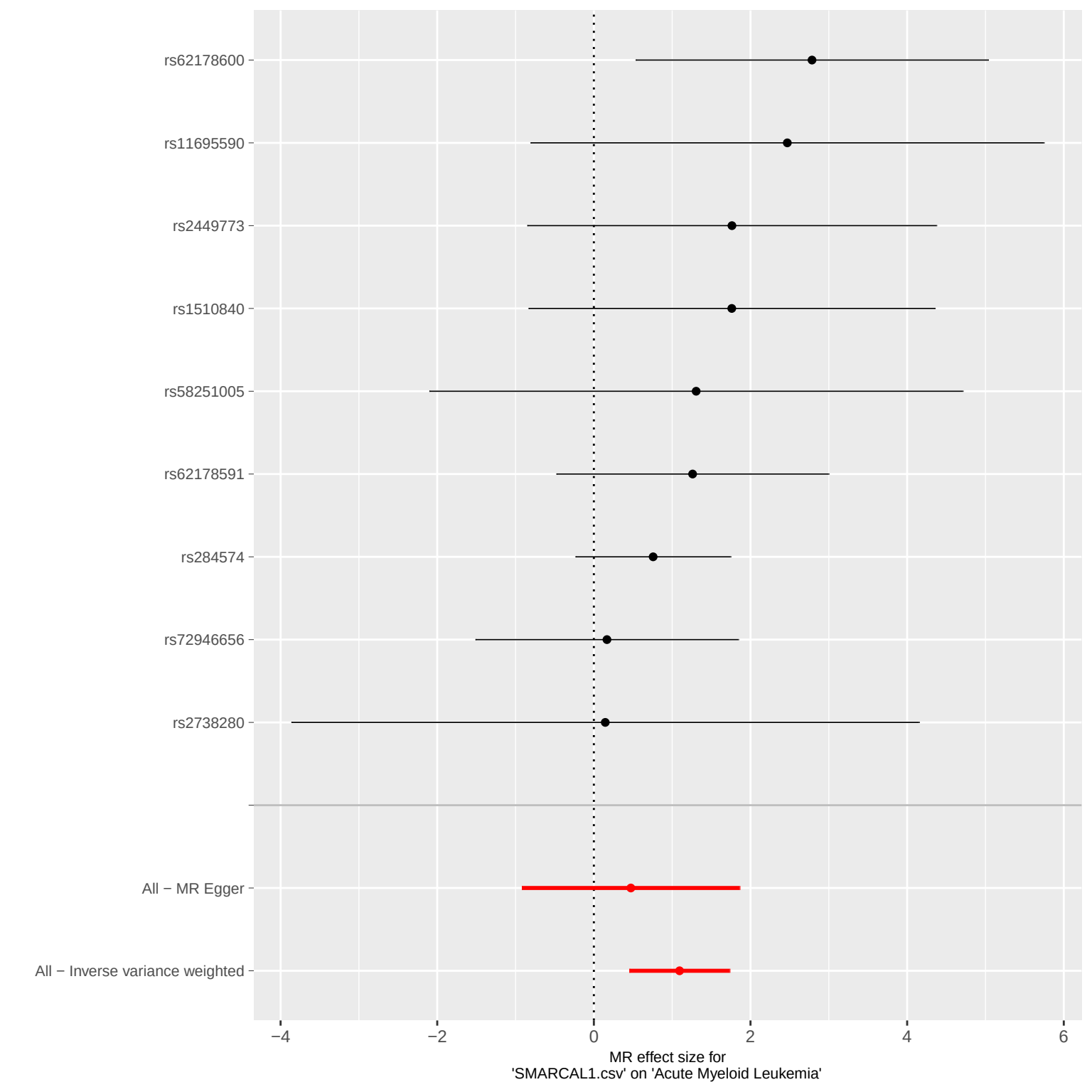
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SMARCA2.csv' on 'Acute Myeloid Leukemia'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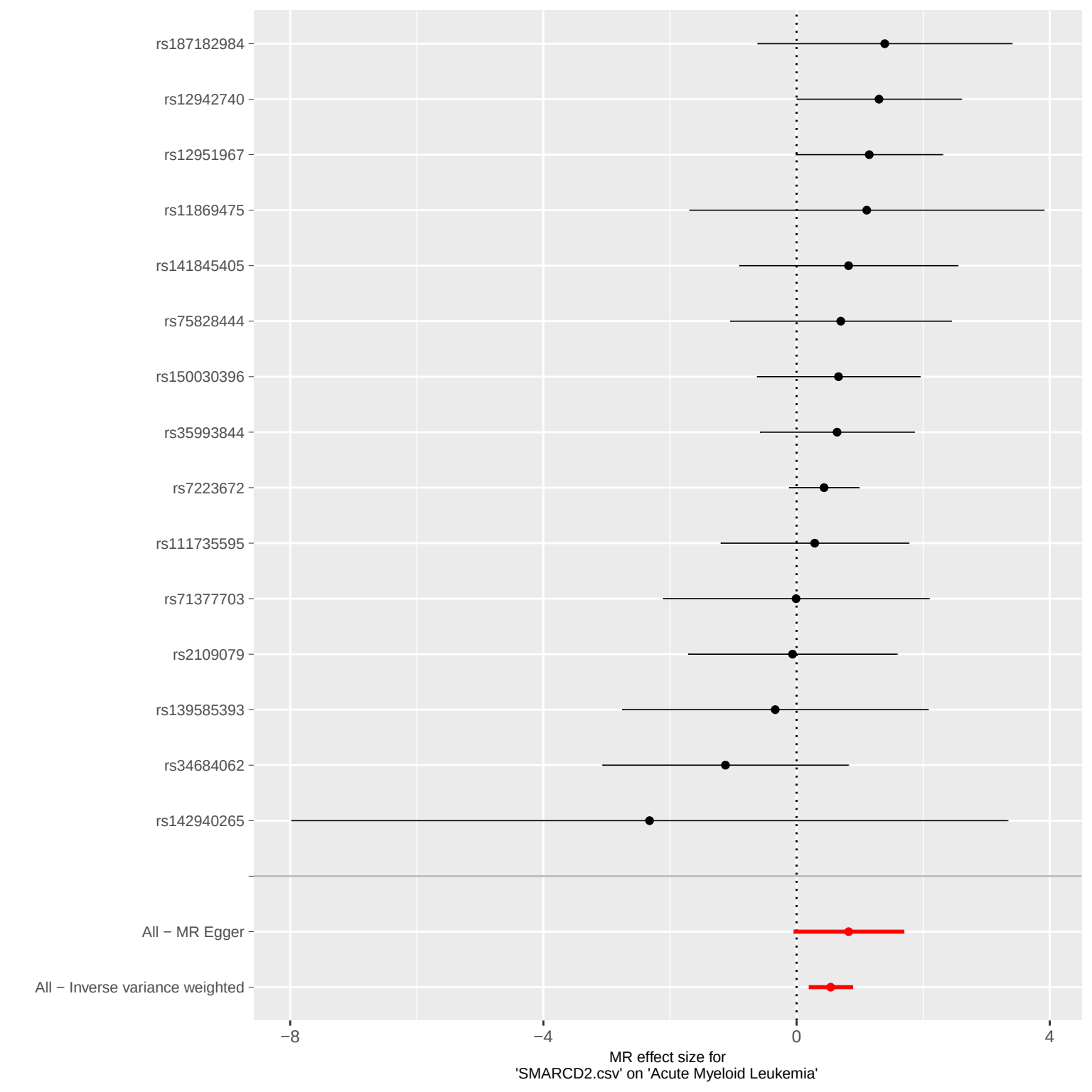
rs11695590
rs2449773
rs1510840
rs58251005
rs62178591
rs284574
rs72946656
rs2738280
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'SMARCAL1.csv' on 'Acute Myeloid Leukemia'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rs7223672
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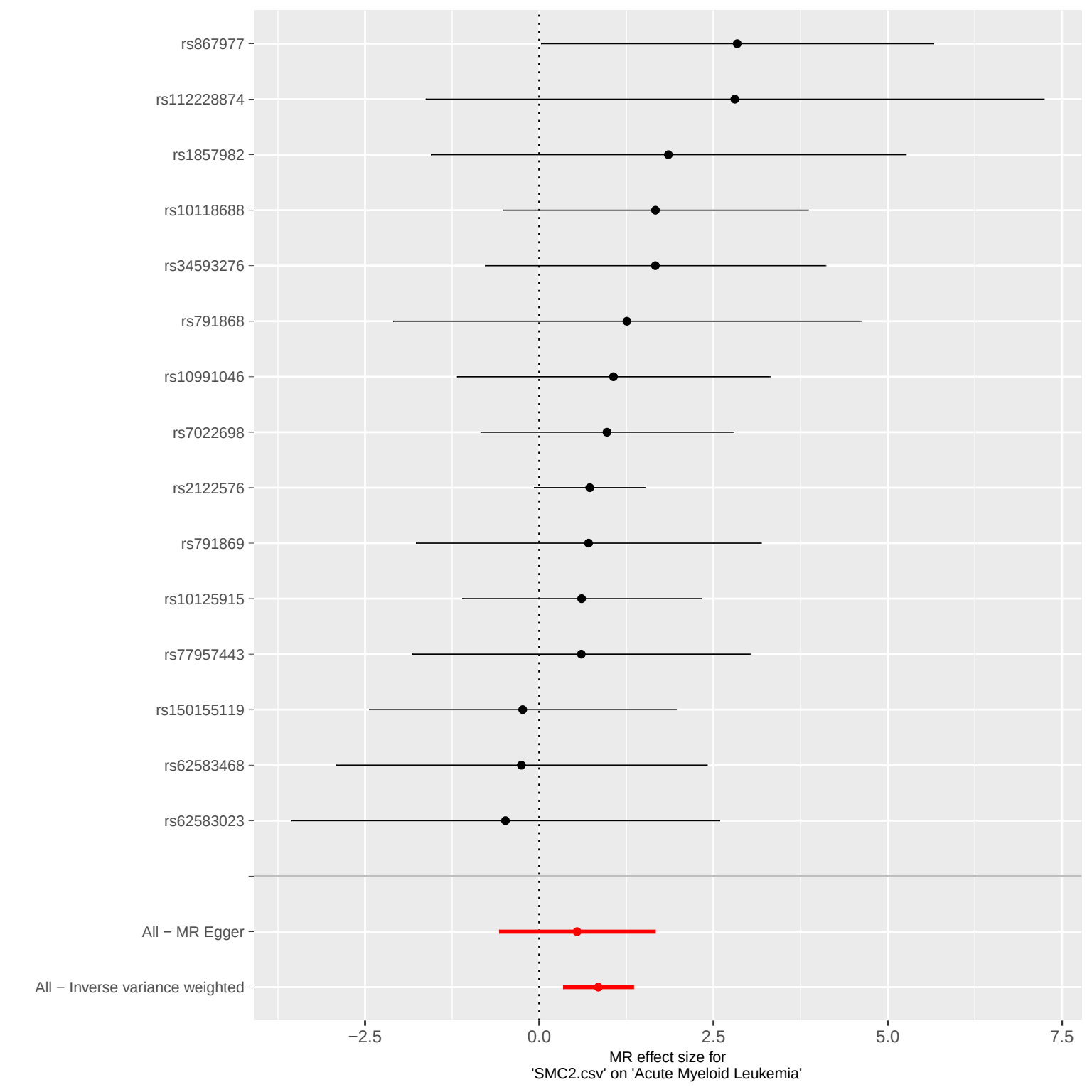
rs71377703
rs2109079
rs139585393
rs34684062
rs142940265
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SMARCD2.csv' on 'Acute Myeloid Leukemia'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rs791868
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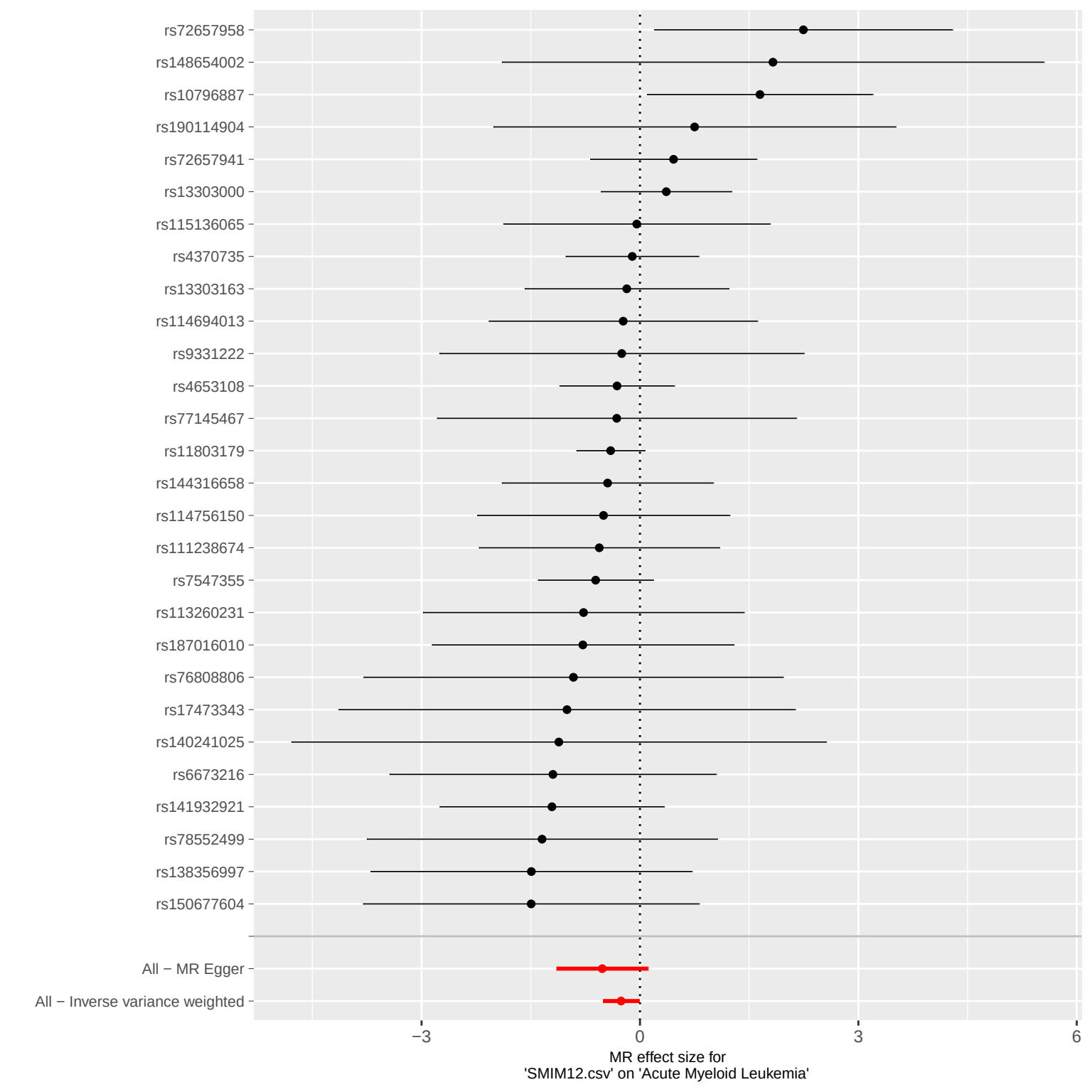
rs7022698
rs2122576
rs791869
rs10125915
rs77957443
rs150155119
rs62583468
rs62583023
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'SMC2.csv' on 'Acute Myeloid Leukemia'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rs4653108
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rs144316658
rs114756150
rs111238674
rs7547355
rs113260231
rs187016010
rs76808806
rs17473343
rs140241025
rs6673216
rs141932921
rs78552499
rs138356997
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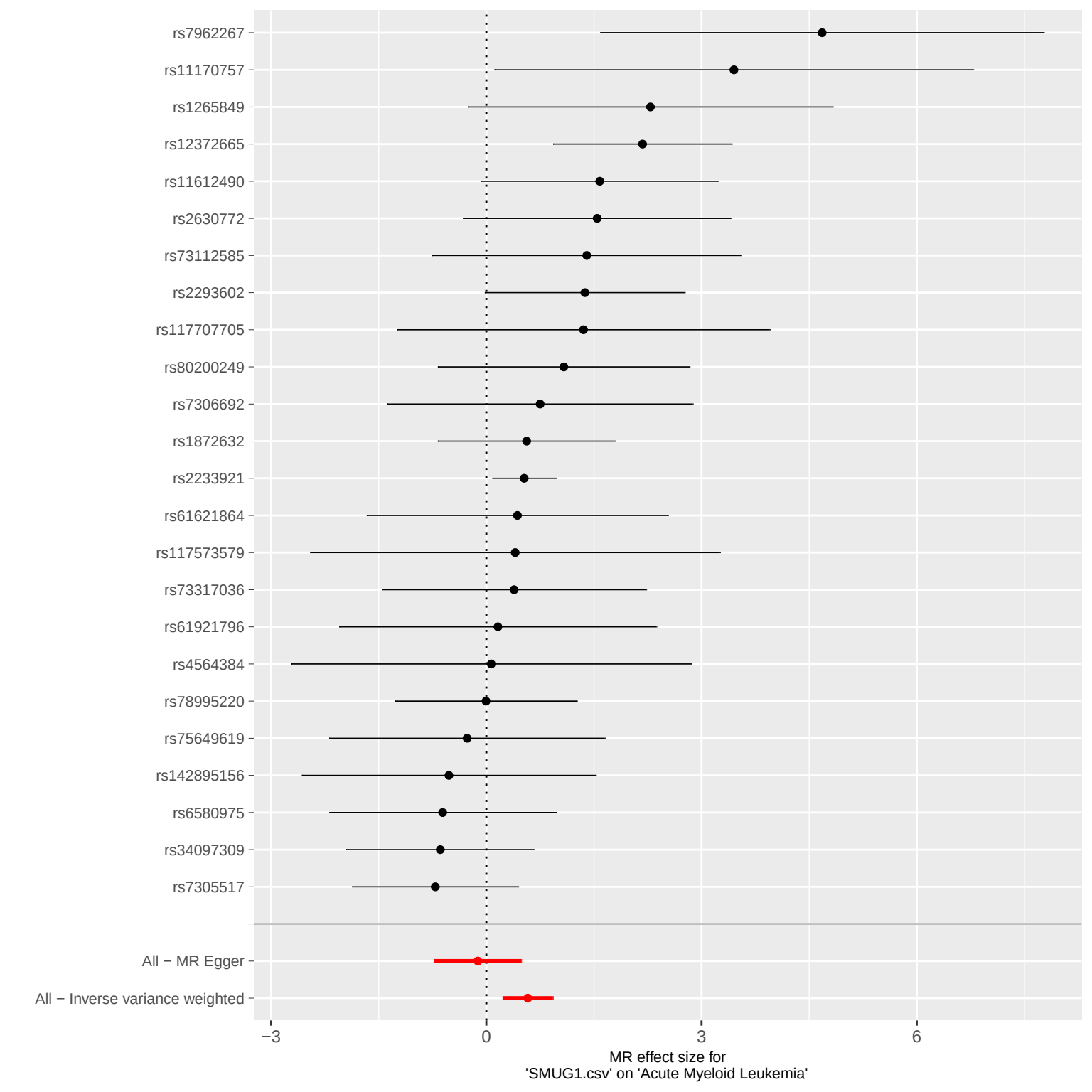
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'SMIM12.csv' on 'Acute Myeloid Leukemia'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rs2293602
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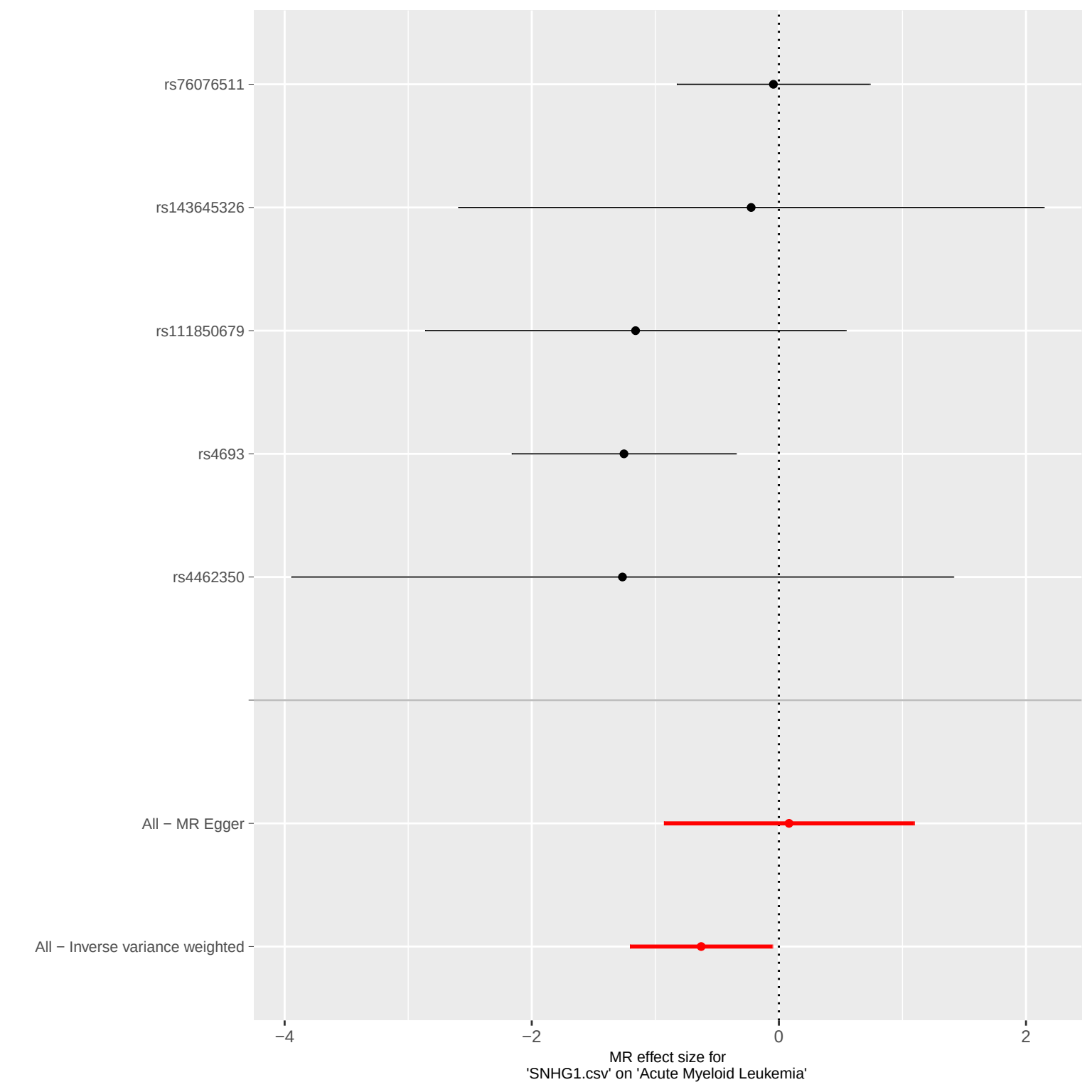
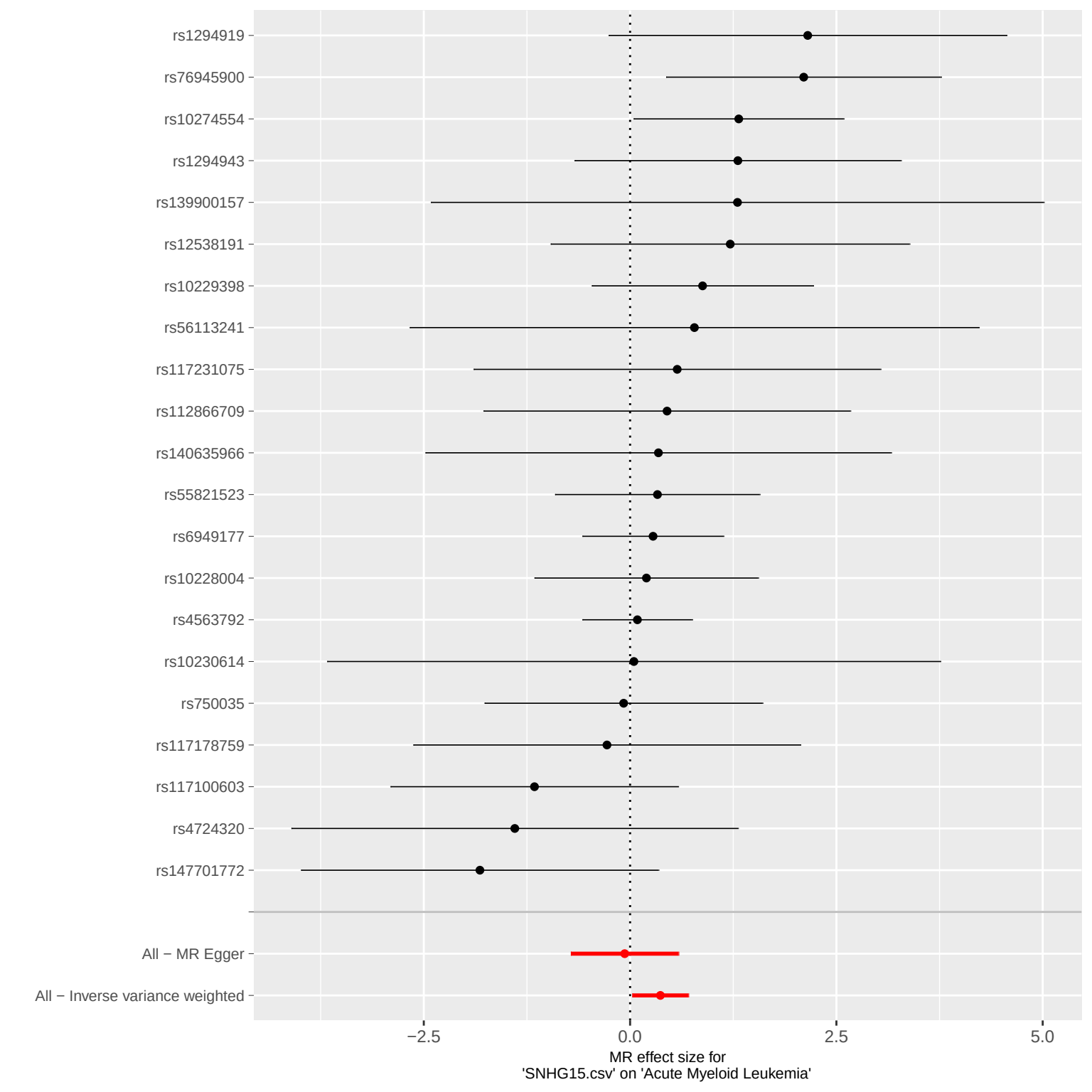
rs80200249
rs7306692
rs1872632
rs2233921
rs61621864
rs117573579
rs73317036
rs61921796
rs4564384
rs78995220
rs75649619
rs142895156
rs6580975
rs34097309
rs7305517
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'SMUG1.csv' on 'Acute Myeloid Leukemia'


rs76076511
rs143645326
rs111850679
rs4693
rs4462350
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SNHG1.csv' on 'Acute Myeloid Leukemia'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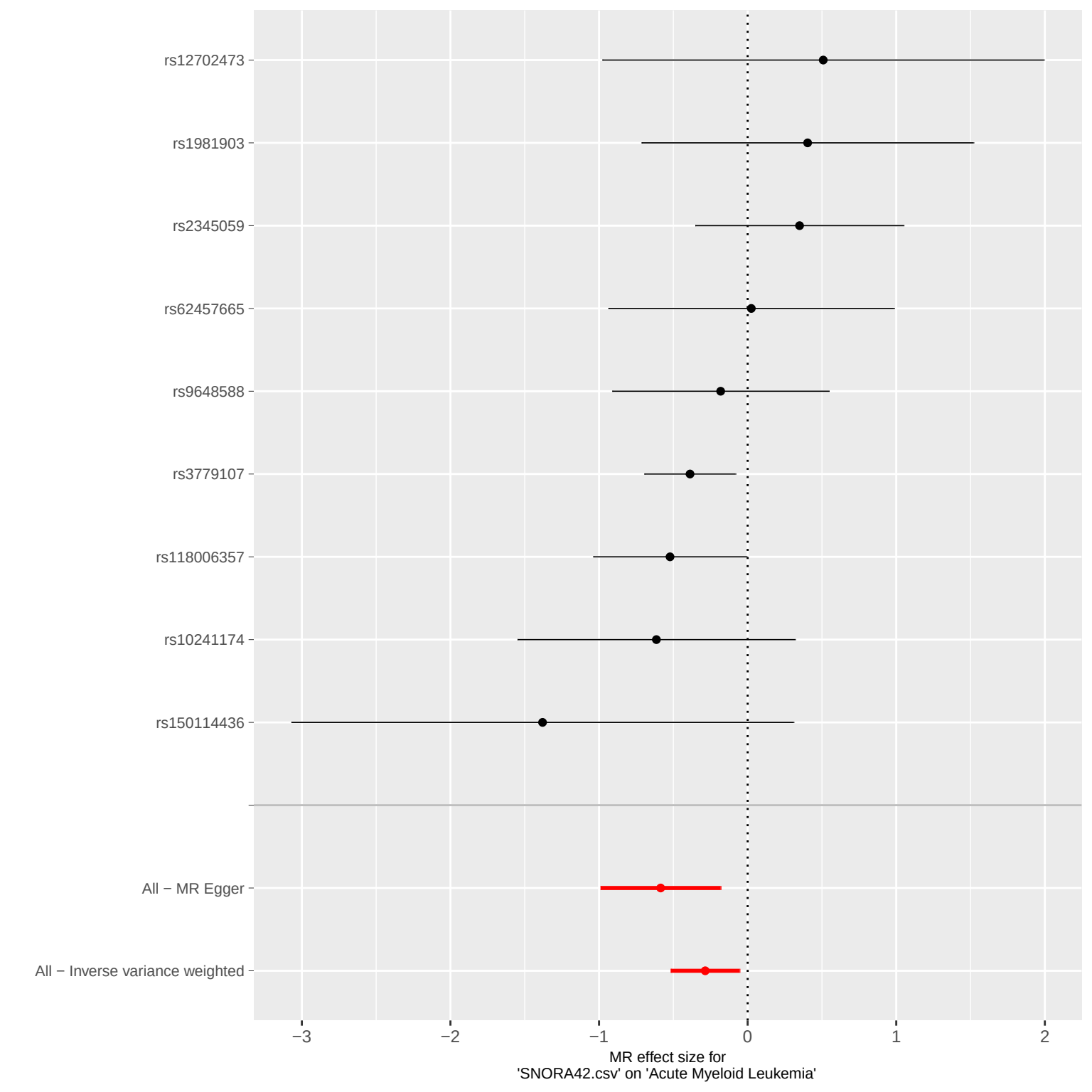
rs140635966
rs55821523
rs6949177
rs10228004
rs4563792
rs10230614
rs750035
rs117178759
rs117100603
rs4724320
rs147701772
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SNHG15.csv' on 'Acute Myeloid Leukemia'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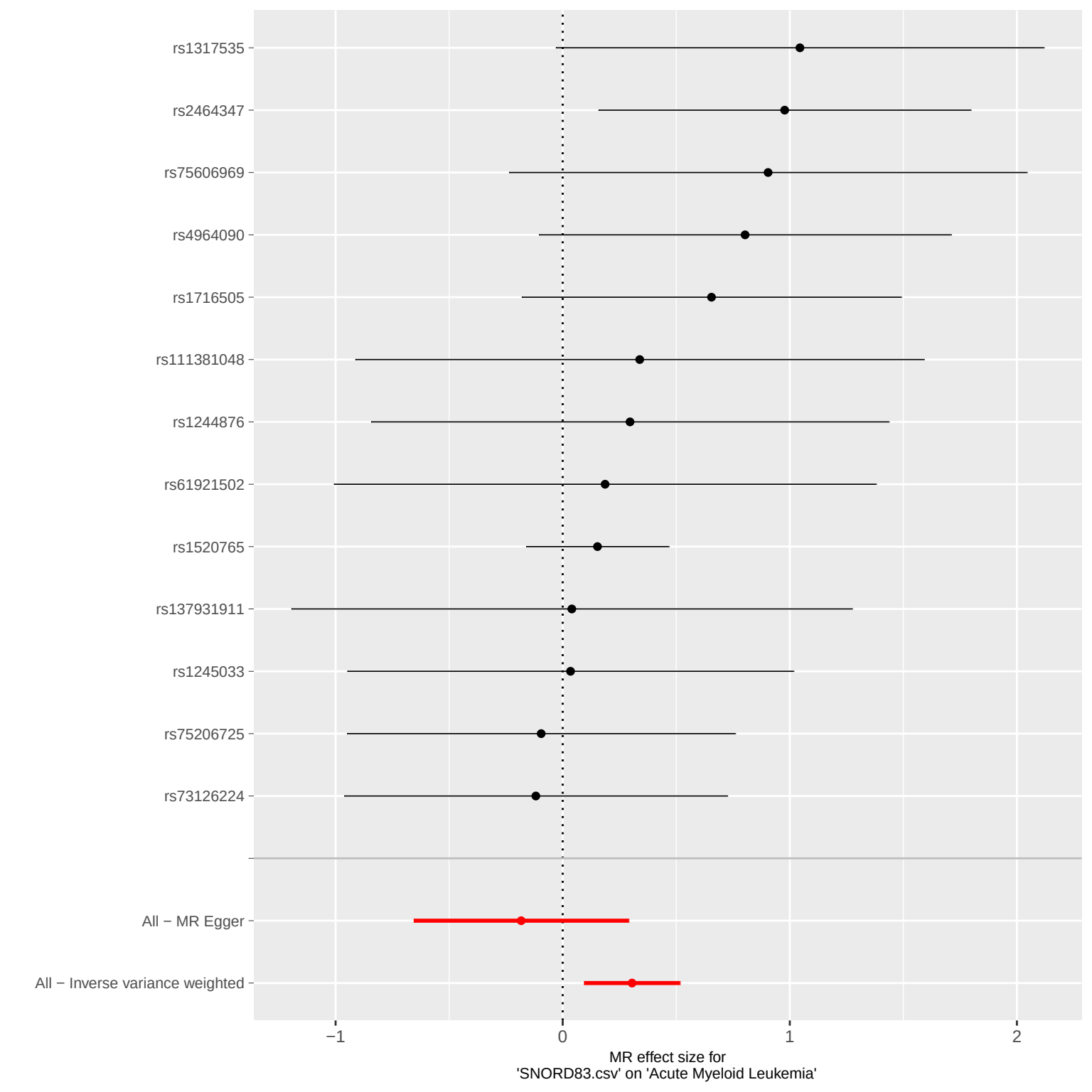
rs62457665
rs9648588
rs3779107
rs118006357
rs10241174
rs150114436
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'SNORA42.csv' on 'Acute Myeloid Leukemia'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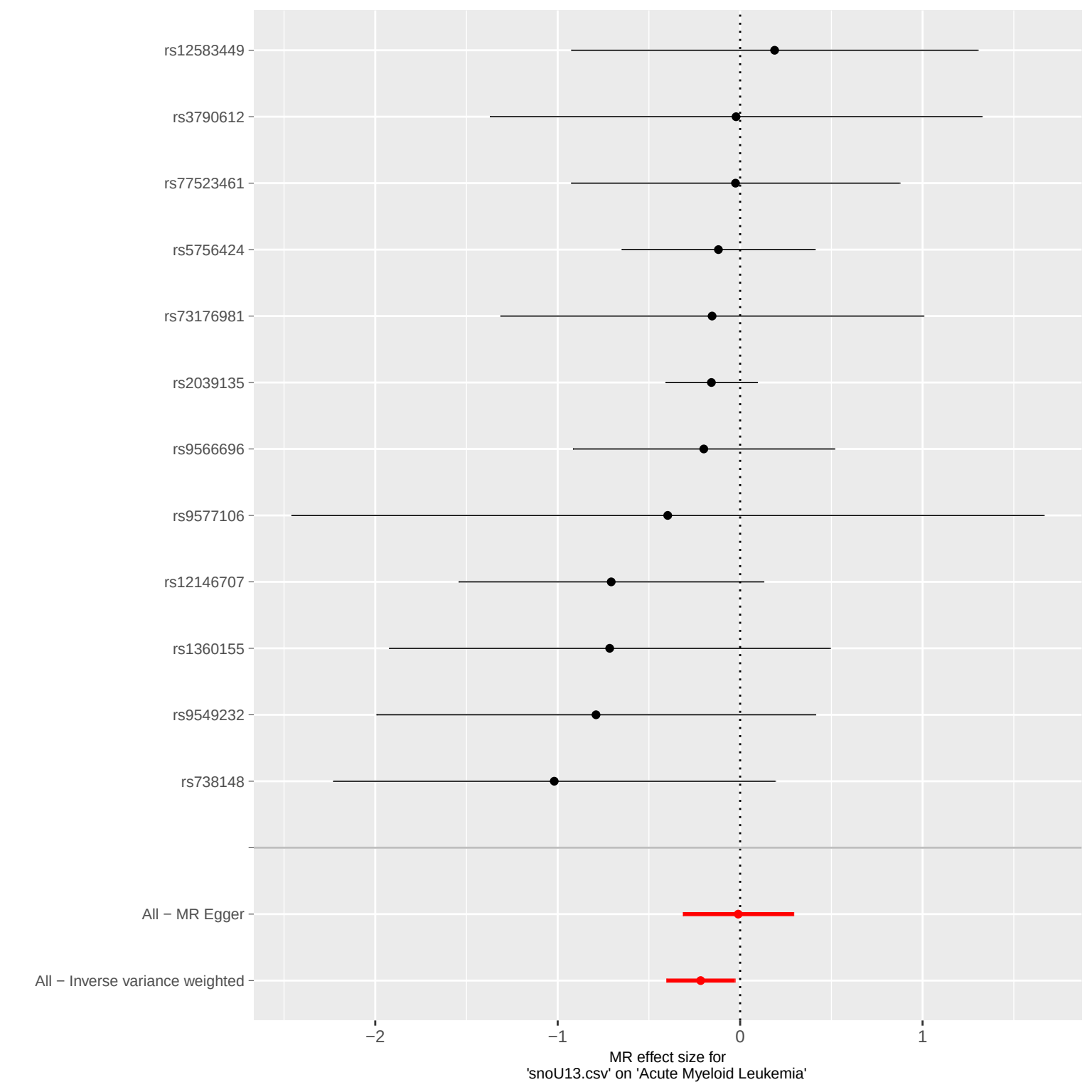
rs4964090
rs1716505
rs111381048
rs1244876
rs61921502
rs1520765
rs137931911
rs1245033
rs75206725
rs73126224
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'SNORD83.csv' on 'Acute Myeloid Leukemia'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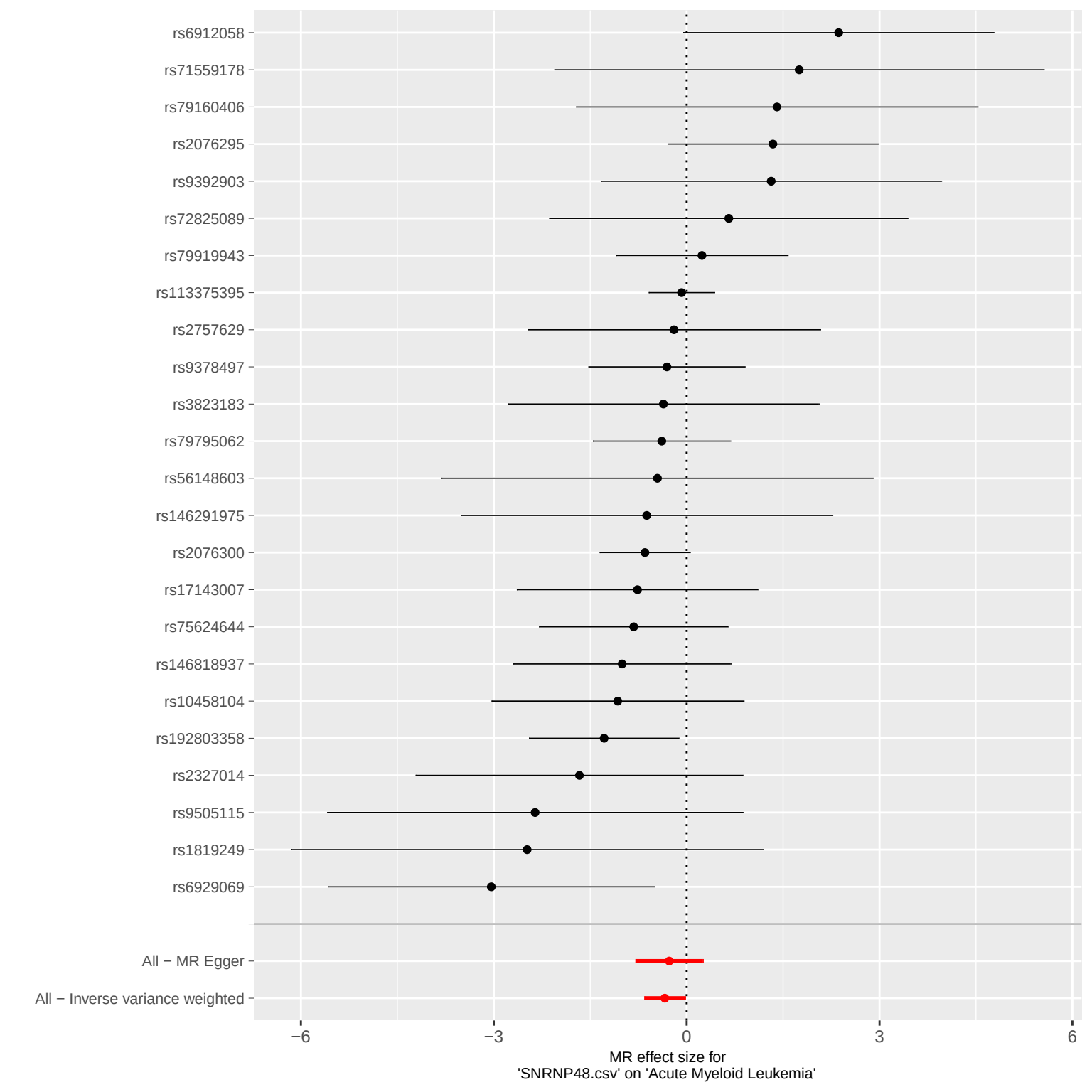
rs77523461
rs5756424
rs73176981
rs2039135
rs9566696
rs9577106
rs12146707
rs1360155
rs9549232
rs738148
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'snoU13.csv' on 'Acute Myeloid Leukemia'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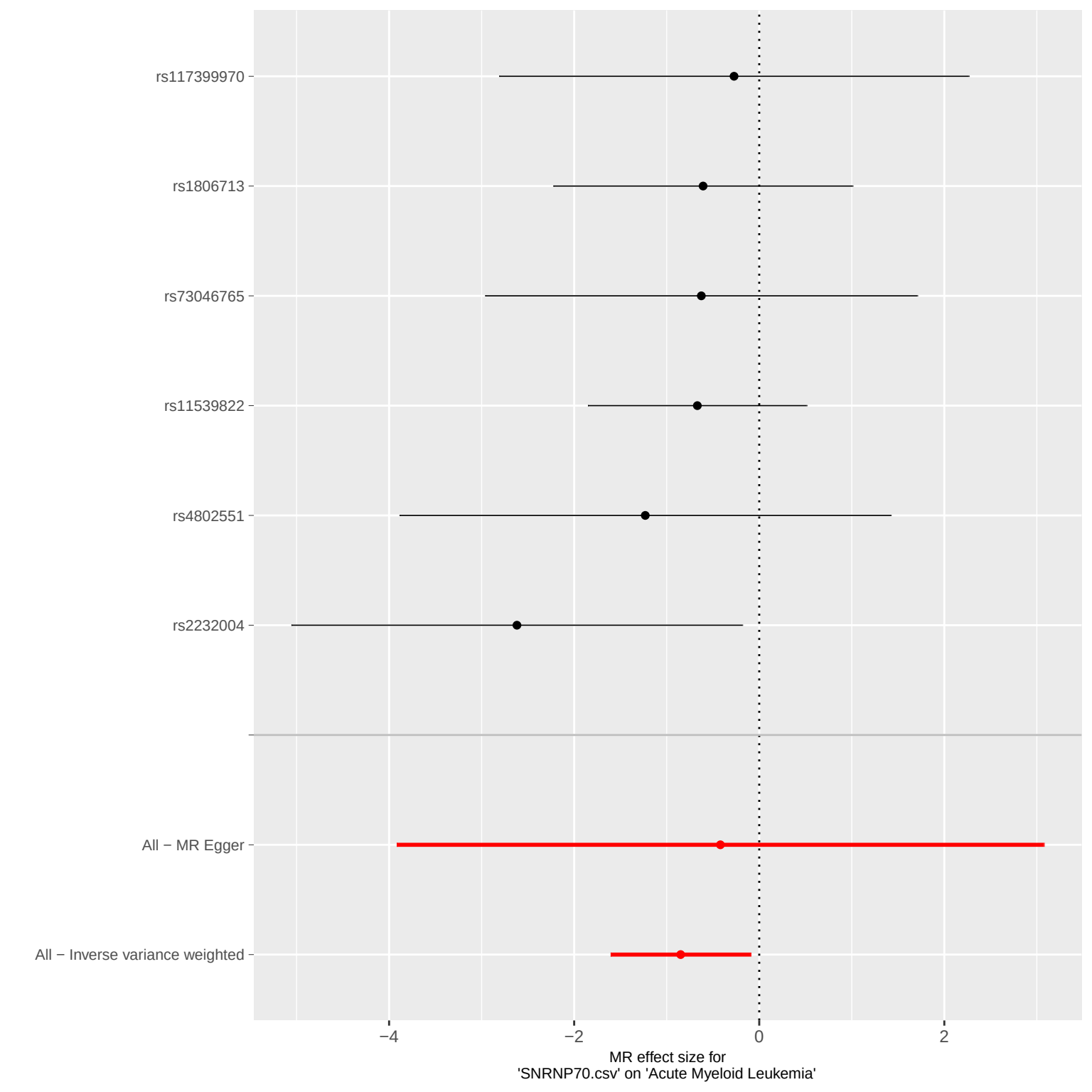
rs3823183
rs79795062
rs56148603
rs146291975
rs2076300
rs17143007
rs75624644
rs146818937
rs10458104
rs192803358
rs2327014
rs9505115
rs1819249
rs6929069
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'SNRNP48.csv' on 'Acute Myeloid Leukemia'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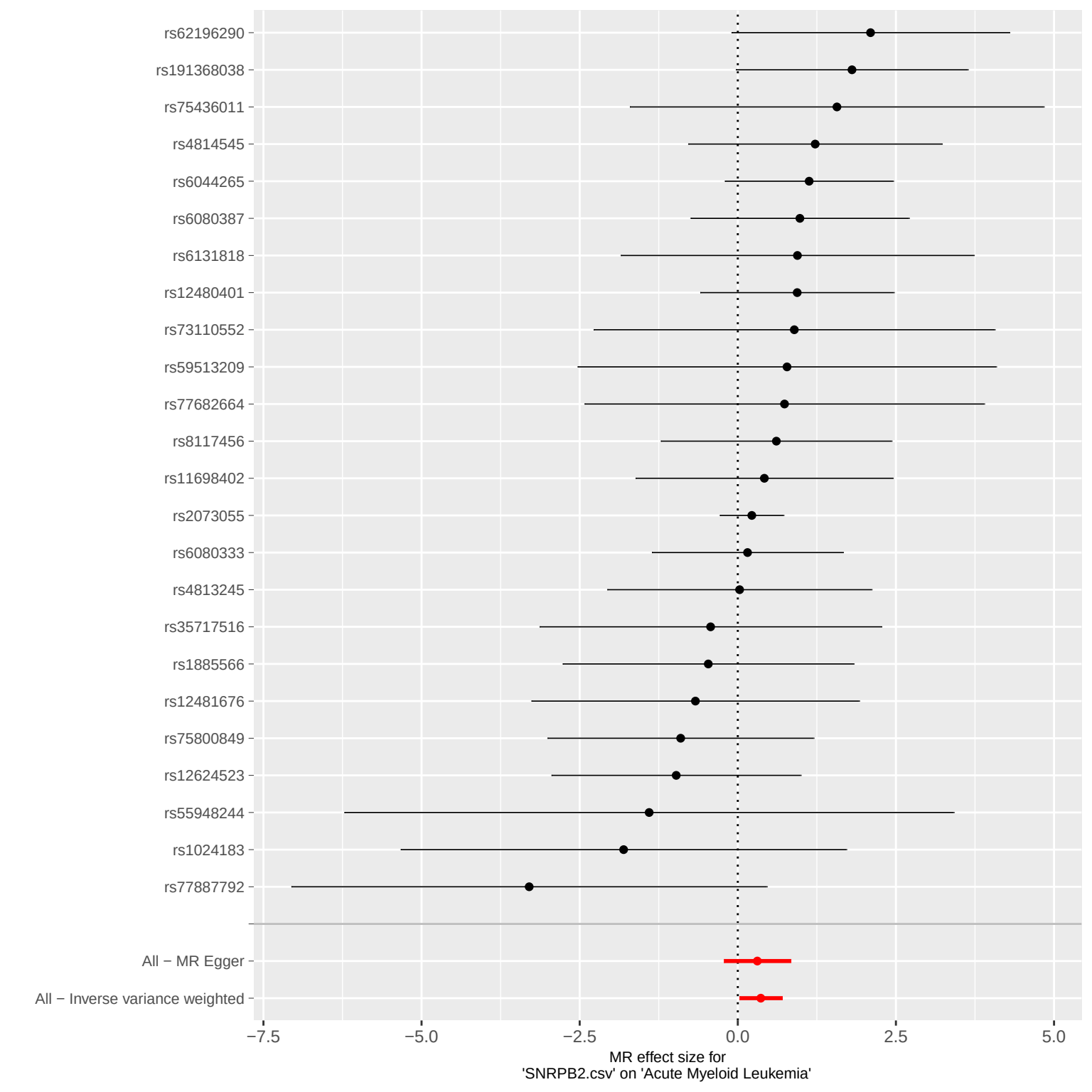
rs1806713
rs73046765
rs11539822
rs4802551
rs2232004
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SNRNP70.csv' on 'Acute Myeloid Leukemia'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rs6044265
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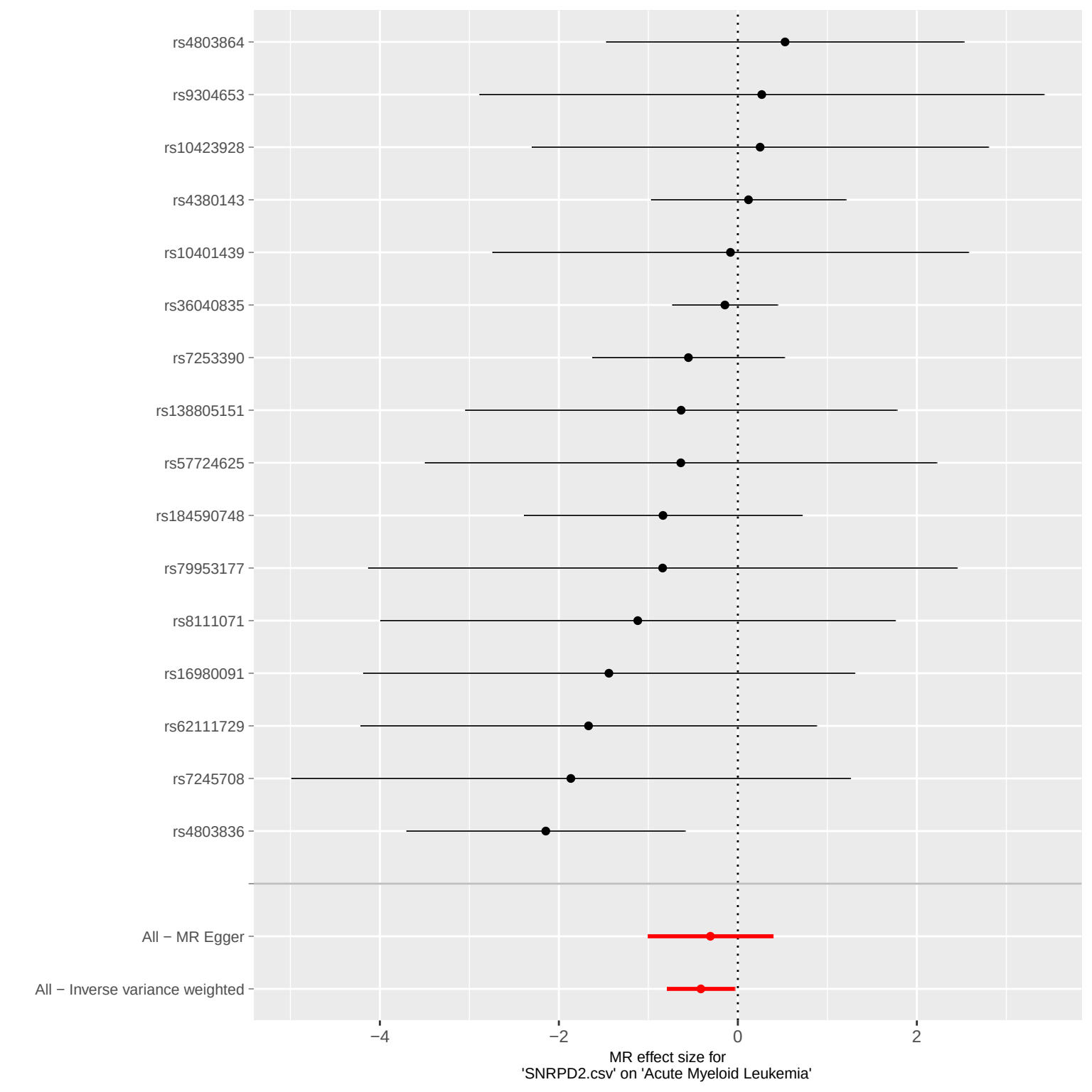
rs77682664
rs8117456
rs11698402
rs2073055
rs6080333
rs4813245
rs35717516
rs1885566
rs12481676
rs75800849
rs12624523
rs55948244
rs1024183
rs77887792
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'SNRPB2.csv' on 'Acute Myeloid Leukemia'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rs138805151
rs57724625
rs184590748
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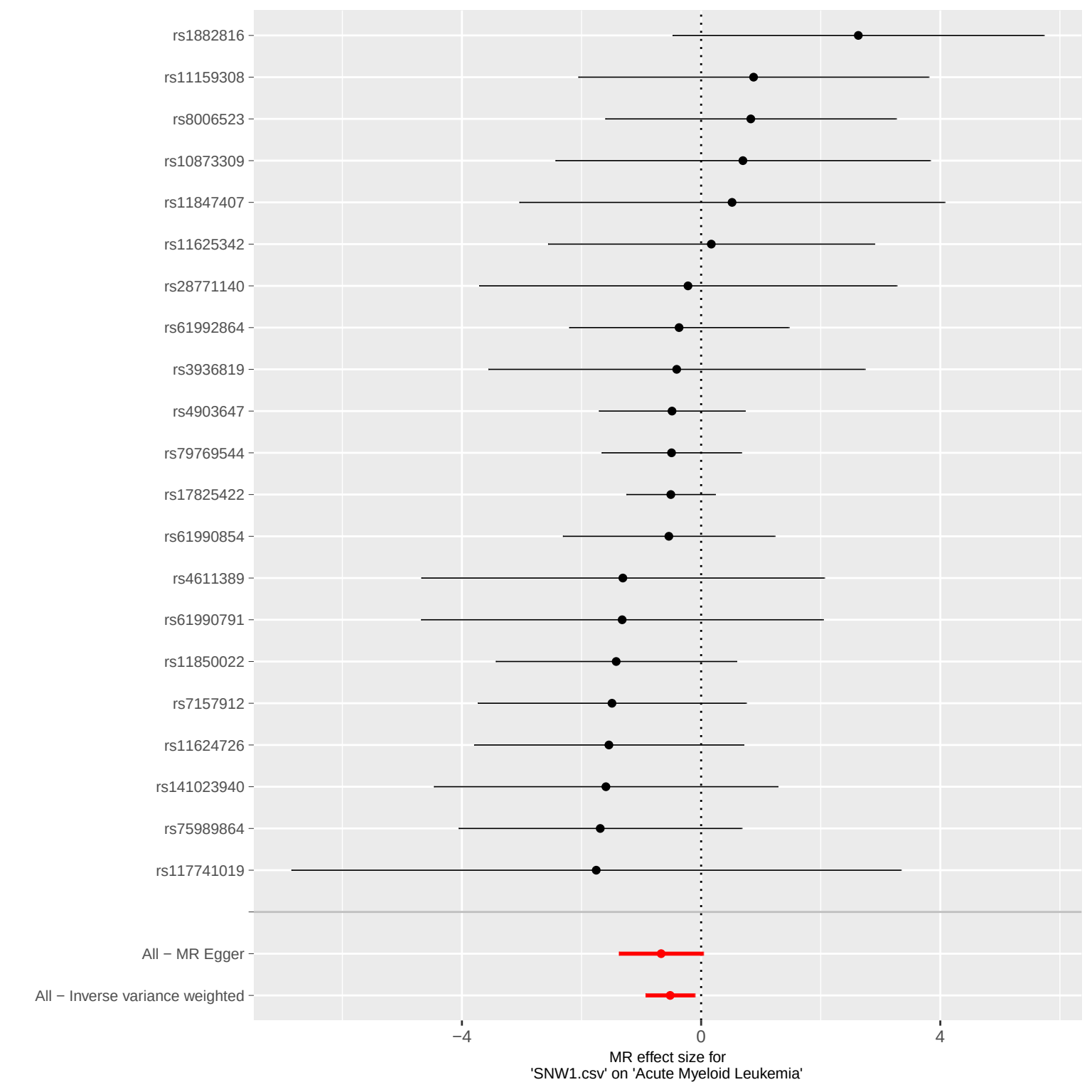
rs8111071
rs16980091
rs62111729
rs7245708
rs4803836
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SNRPD2.csv' on 'Acute Myeloid Leukemia'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rs17825422
rs61990854
rs4611389
rs61990791
rs11850022
rs7157912
rs11624726
rs141023940
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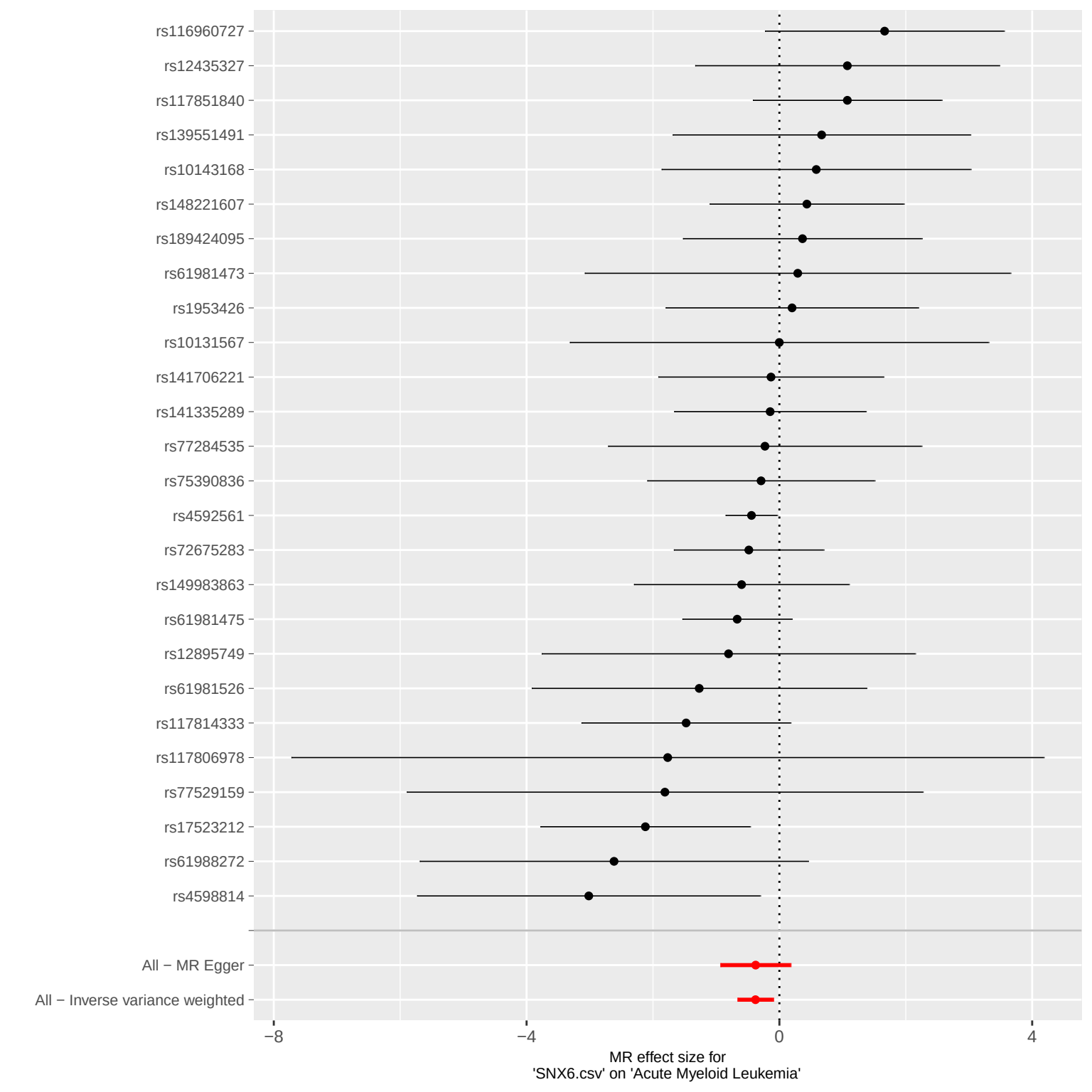
rs117741019
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'SNW1.csv' on 'Acute Myeloid Leukemia'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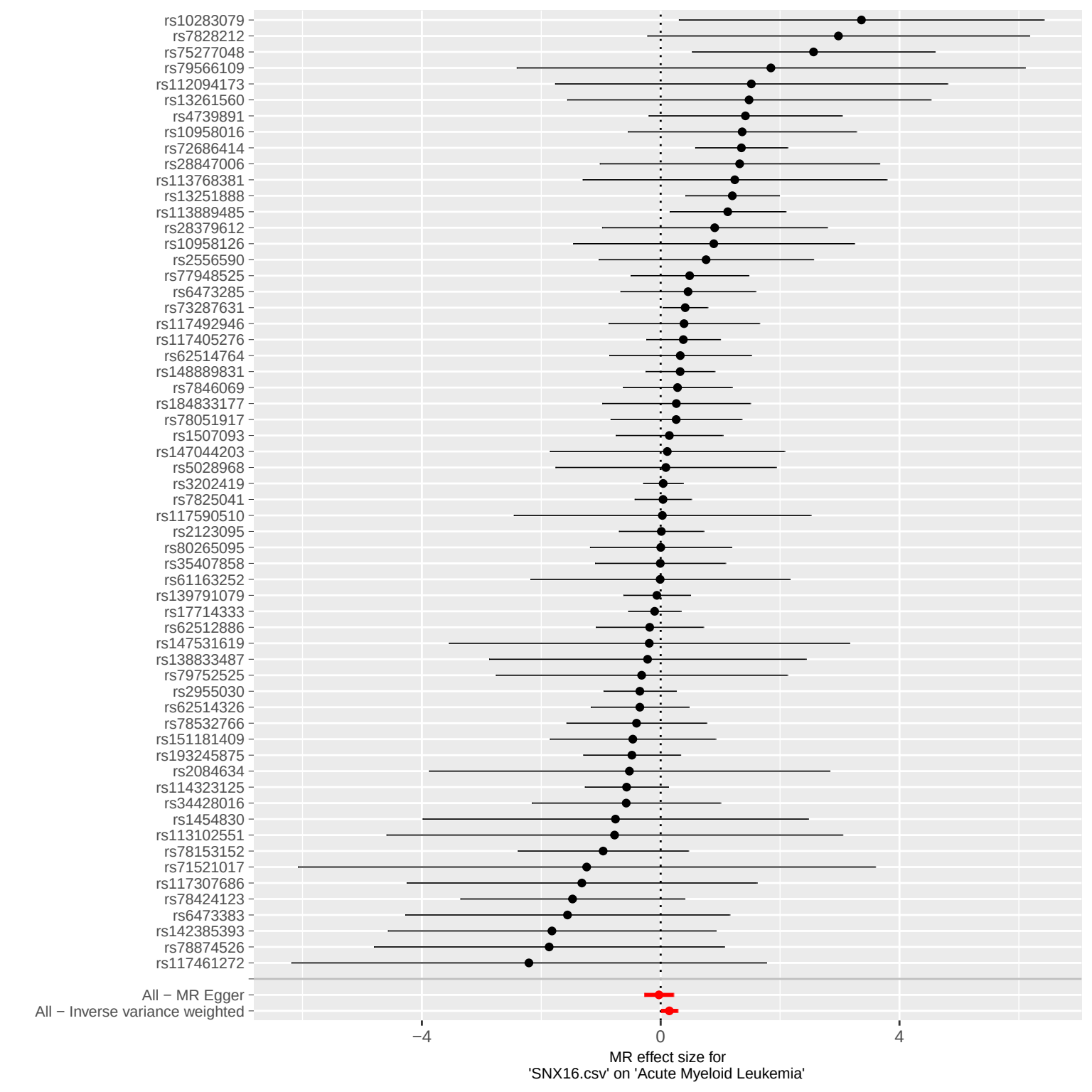
rs141706221
rs141335289
rs77284535
rs75390836
rs4592561
rs72675283
rs149983863
rs61981475
rs12895749
rs61981526
rs117814333
rs117806978
rs77529159
rs17523212
rs61988272
rs4598814
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SNX6.csv' on 'Acute Myeloid Leukemia'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rs2556590
rs77948525
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rs73287631
rs117492946
rs117405276
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rs148889831
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rs5028968
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rs2084634
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rs1454830
rs113102551
rs78153152
rs71521017
rs117307686
rs78424123
rs6473383
rs142385393
rs78874526
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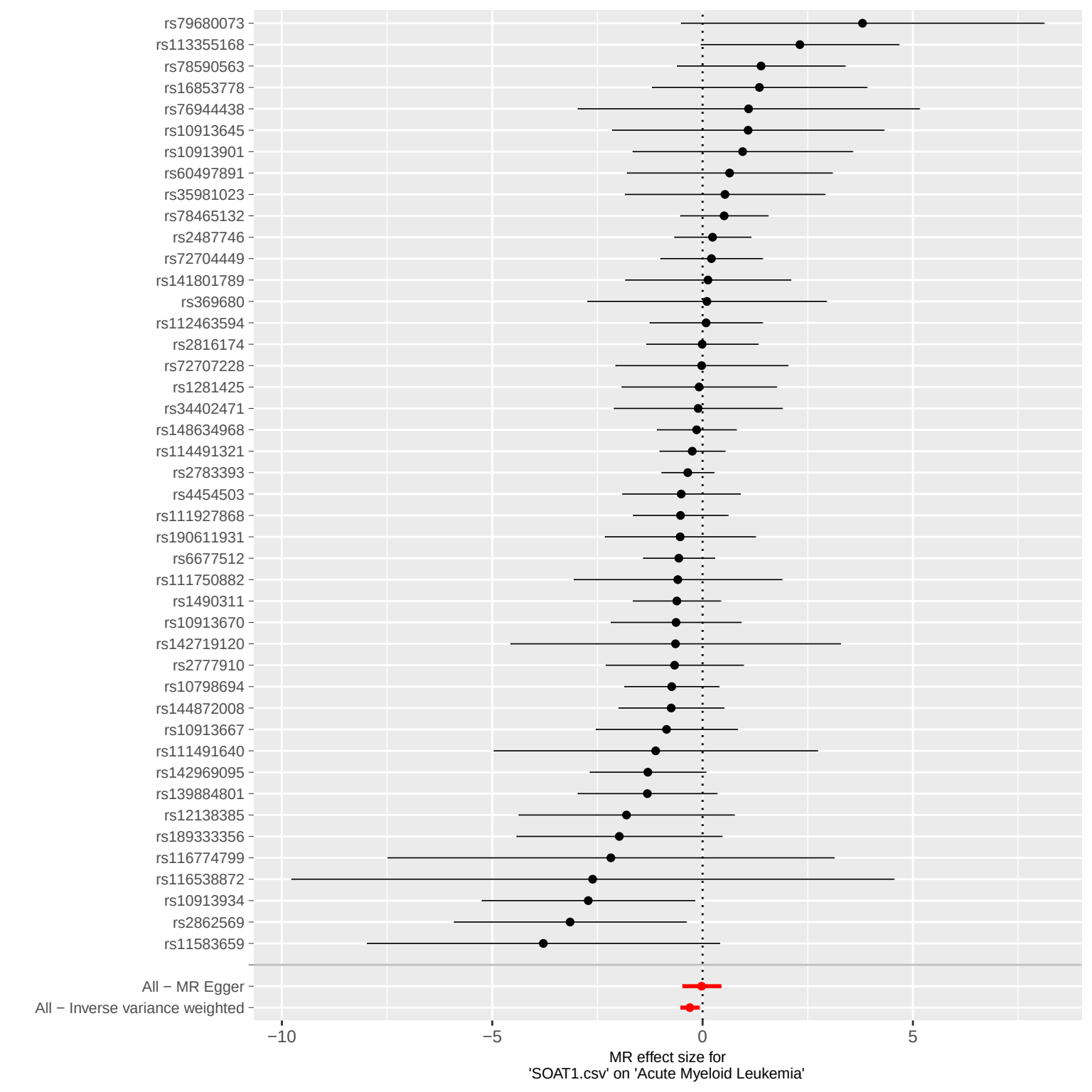
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'SNX16.csv' on 'Acute Myeloid Leukemia'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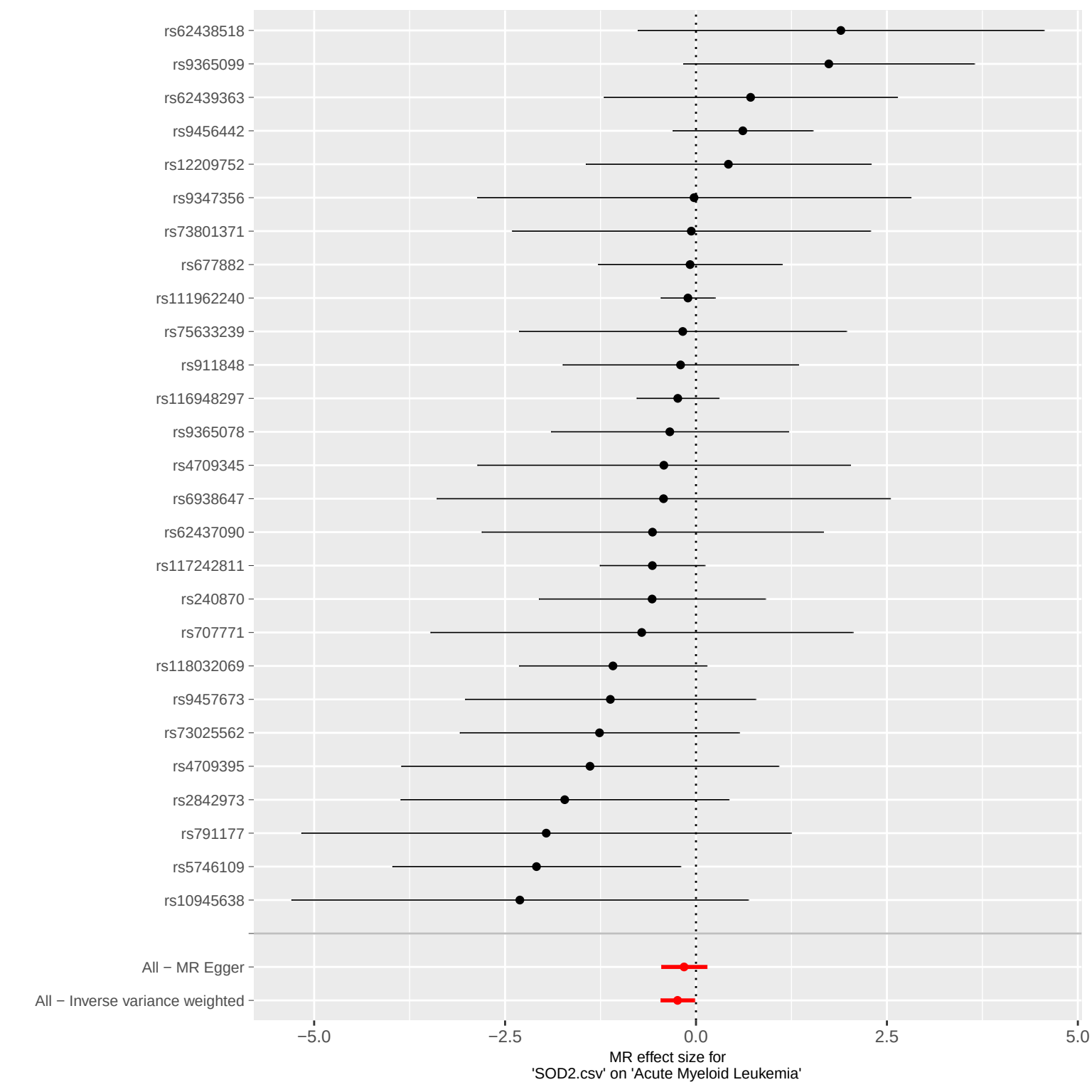
rs142969095
rs139884801
rs12138385
rs189333356
rs116774799
rs116538872
rs10913934
rs2862569
rs11583659
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'SOAT1.csv' on 'Acute Myeloid Leukemia'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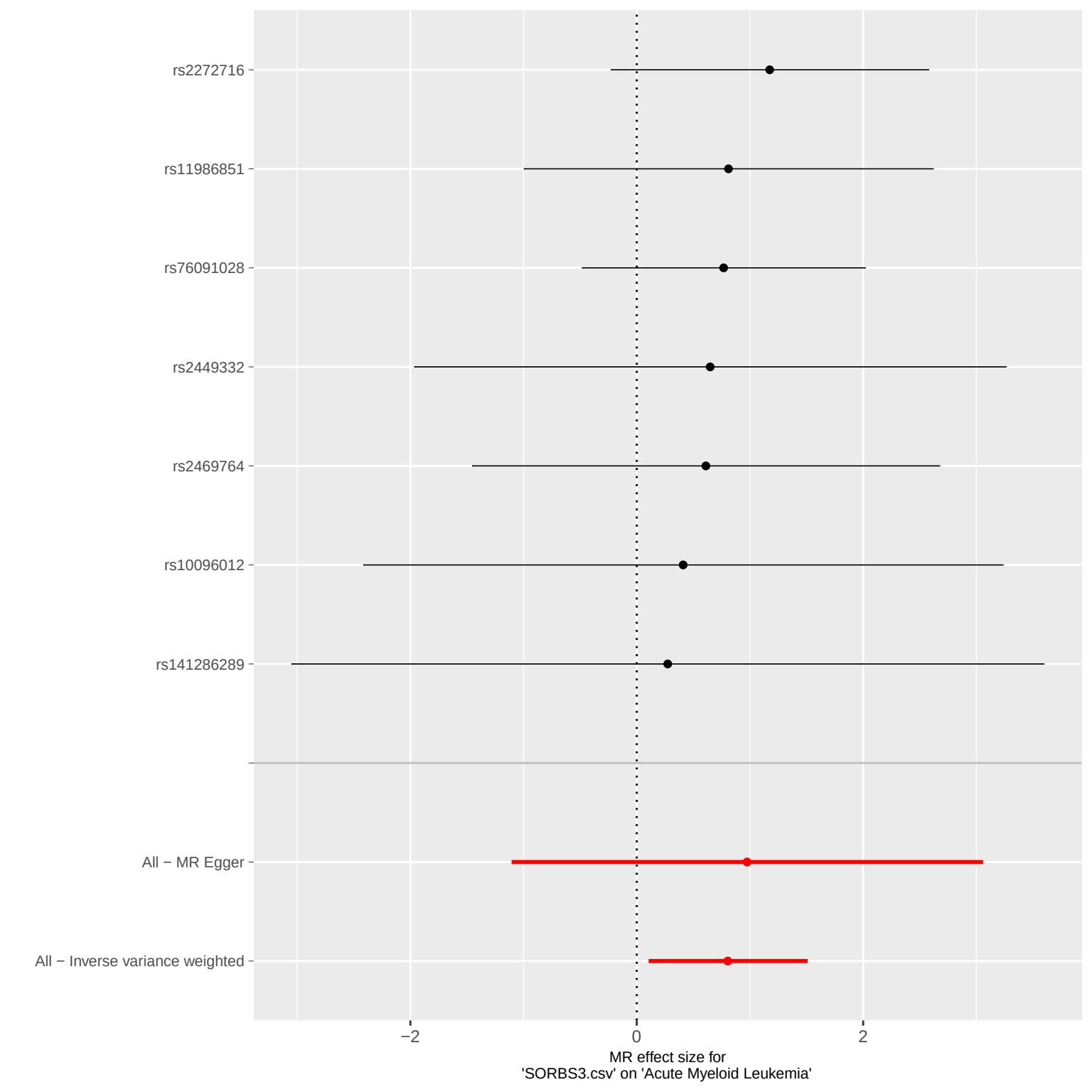
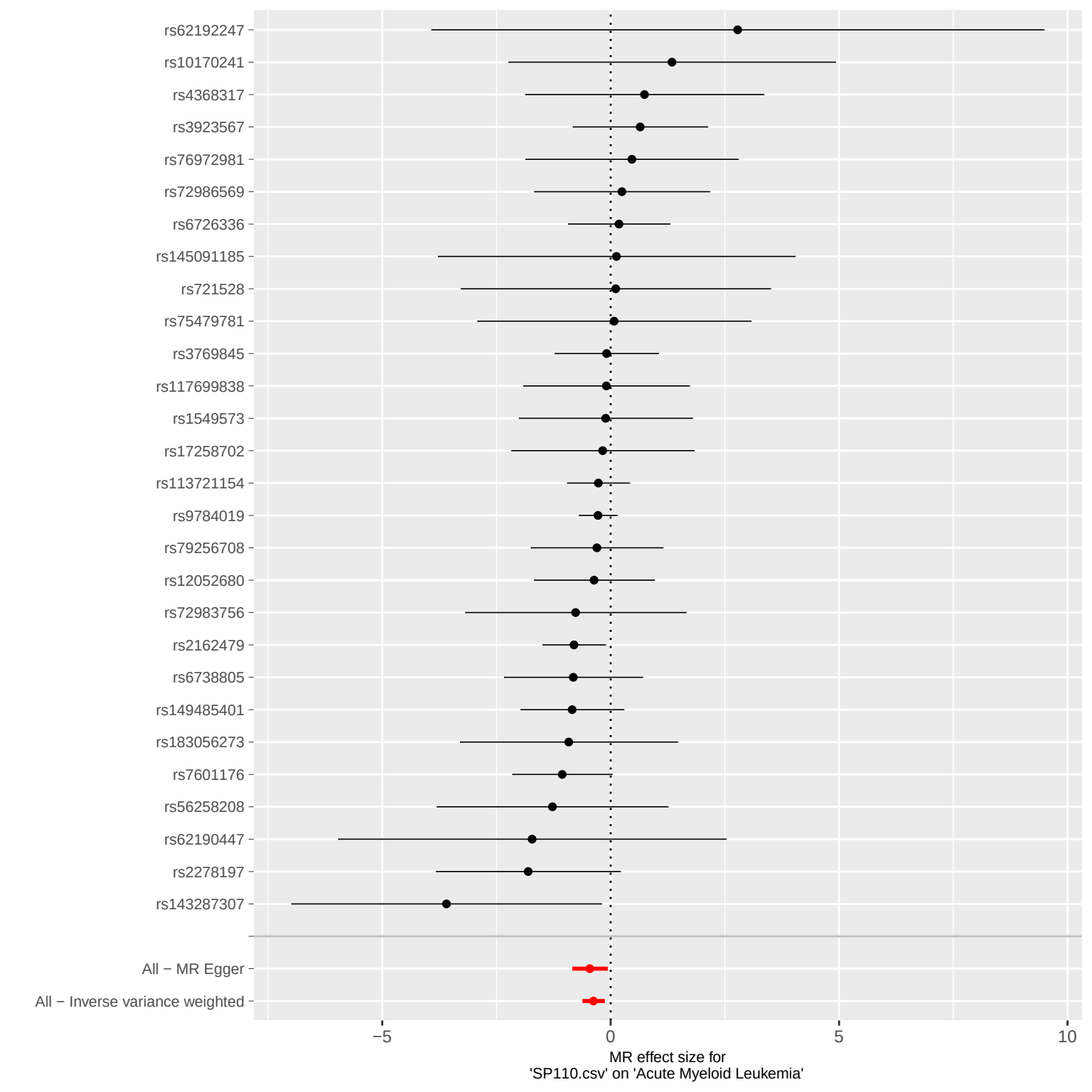
rs116948297
rs9365078
rs4709345
rs6938647
rs62437090
rs117242811
rs240870
rs707771
rs118032069
rs9457673
rs73025562
rs4709395
rs2842973
rs791177
rs5746109
rs10945638
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'SOD2.csv' on 'Acute Myeloid Leukemia'


rs2272716
rs11986851
rs76091028
rs2449332
rs2469764
rs10096012
rs141286289
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SORBS3.csv' on 'Acute Myeloid Leukemia'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rs72983756
rs2162479
rs6738805
rs149485401
rs183056273
rs7601176
rs56258208
rs62190447
rs2278197
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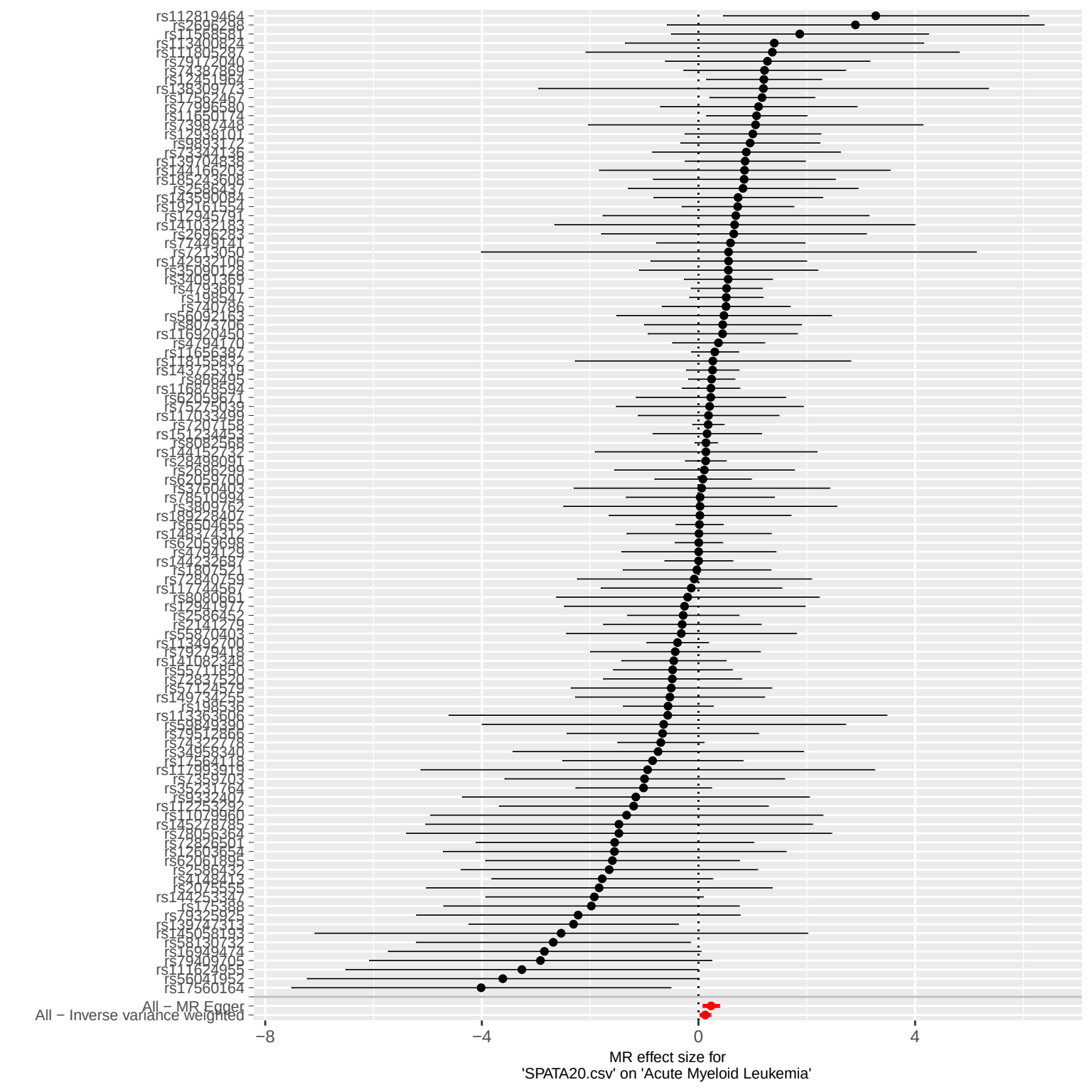
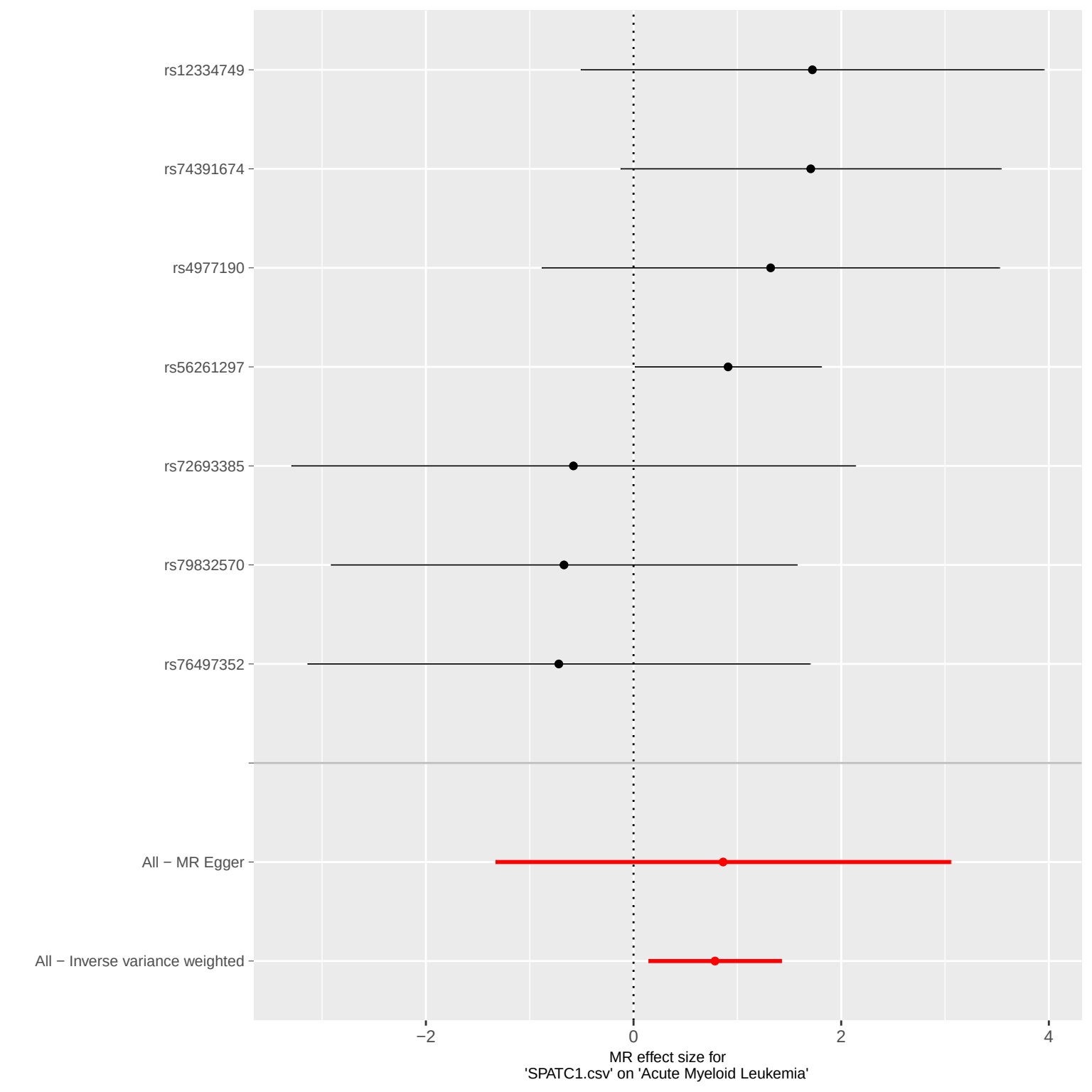
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'SP110.csv' on 'Acute Myeloid Leukemia'


All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'SPATA20.csv' on 'Acute Myeloid Leukemia'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rs74391674
rs4977190
rs56261297
rs72693385
rs79832570
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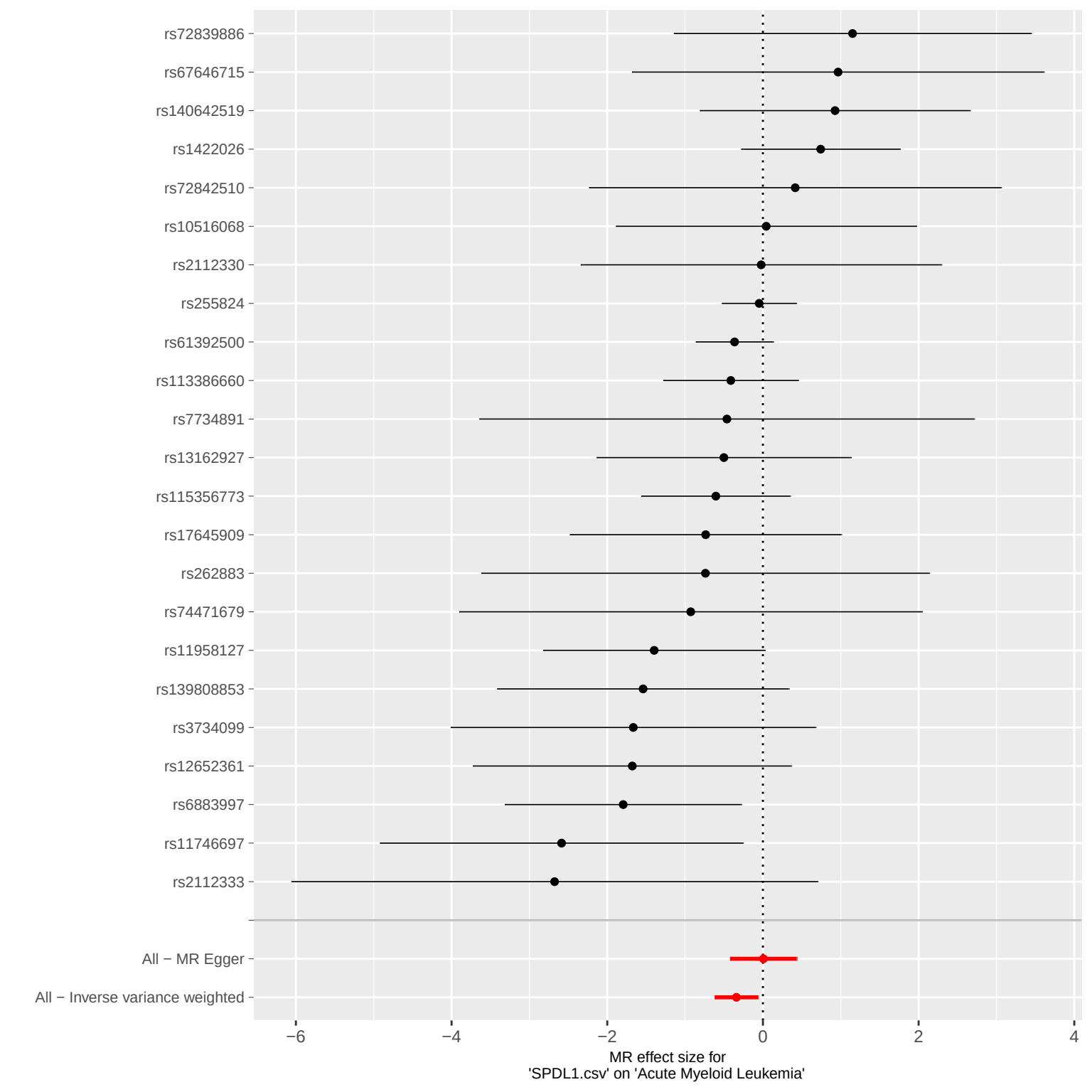
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SPATC1.csv' on 'Acute Myeloid Leukemia'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rs13162927
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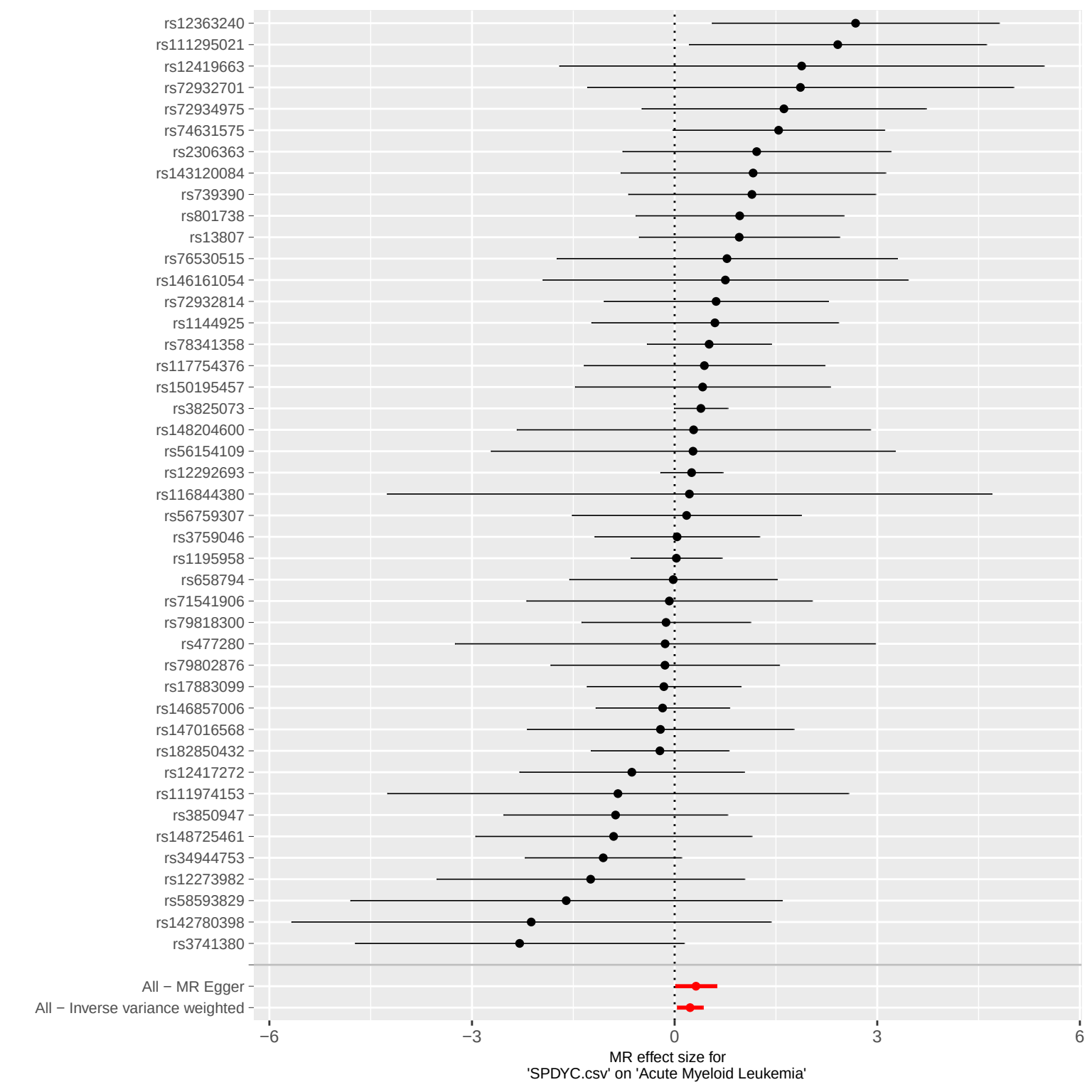
rs17645909
rs262883
rs74471679
rs11958127
rs139808853
rs3734099
rs12652361
rs6883997
rs11746697
rs2112333
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'SPDL1.csv' on 'Acute Myeloid Leukemia'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rs3759046
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rs658794
rs71541906
rs79818300
rs477280
rs79802876
rs17883099
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rs147016568
rs182850432
rs12417272
rs111974153
rs3850947
rs148725461
rs34944753
rs12273982
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rs142780398
rs3741380
All − MR Egger
All − Inverse variance weighted
−6
−3
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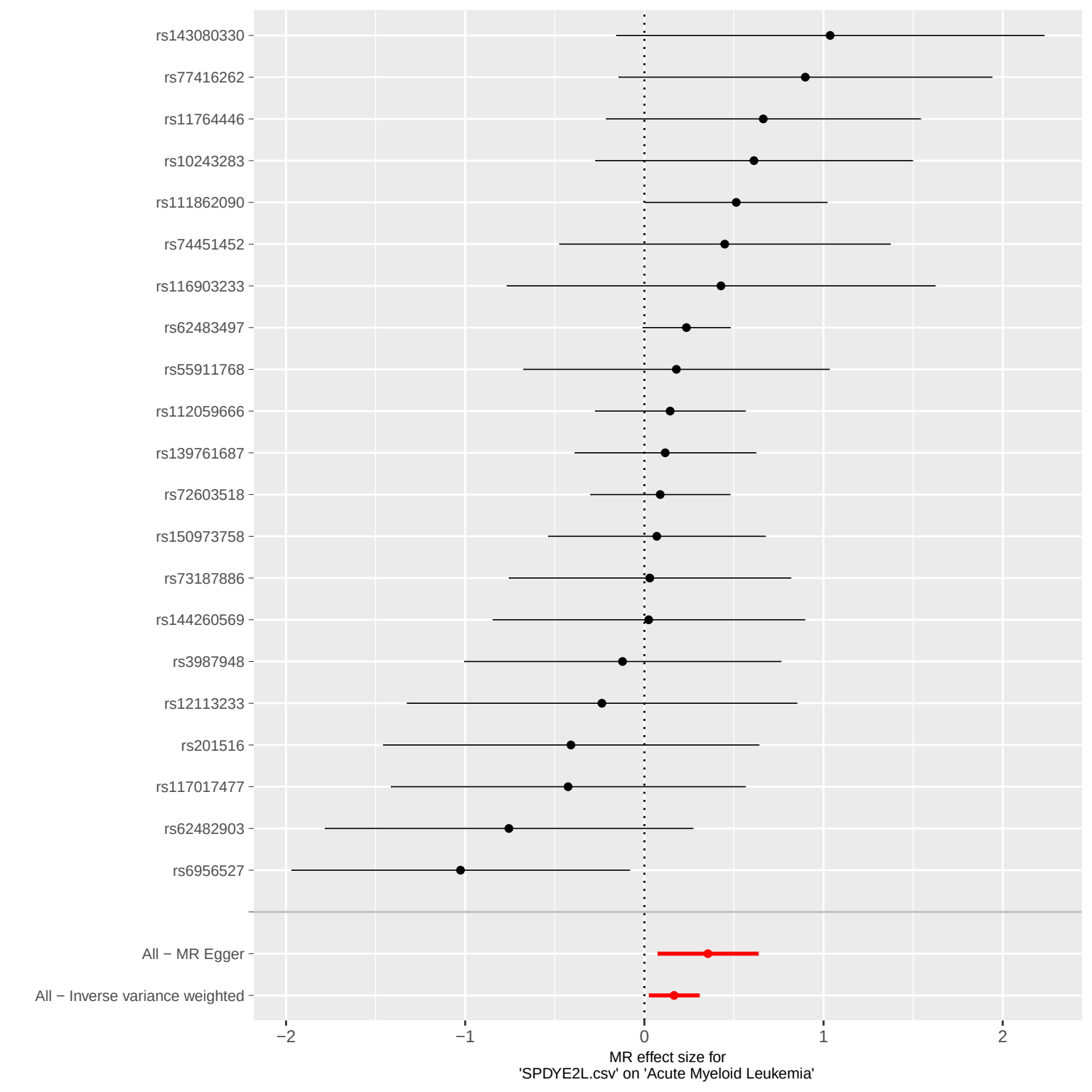
3
6
MR effect size for
'SPDYC.csv' on 'Acute Myeloid Leukemia'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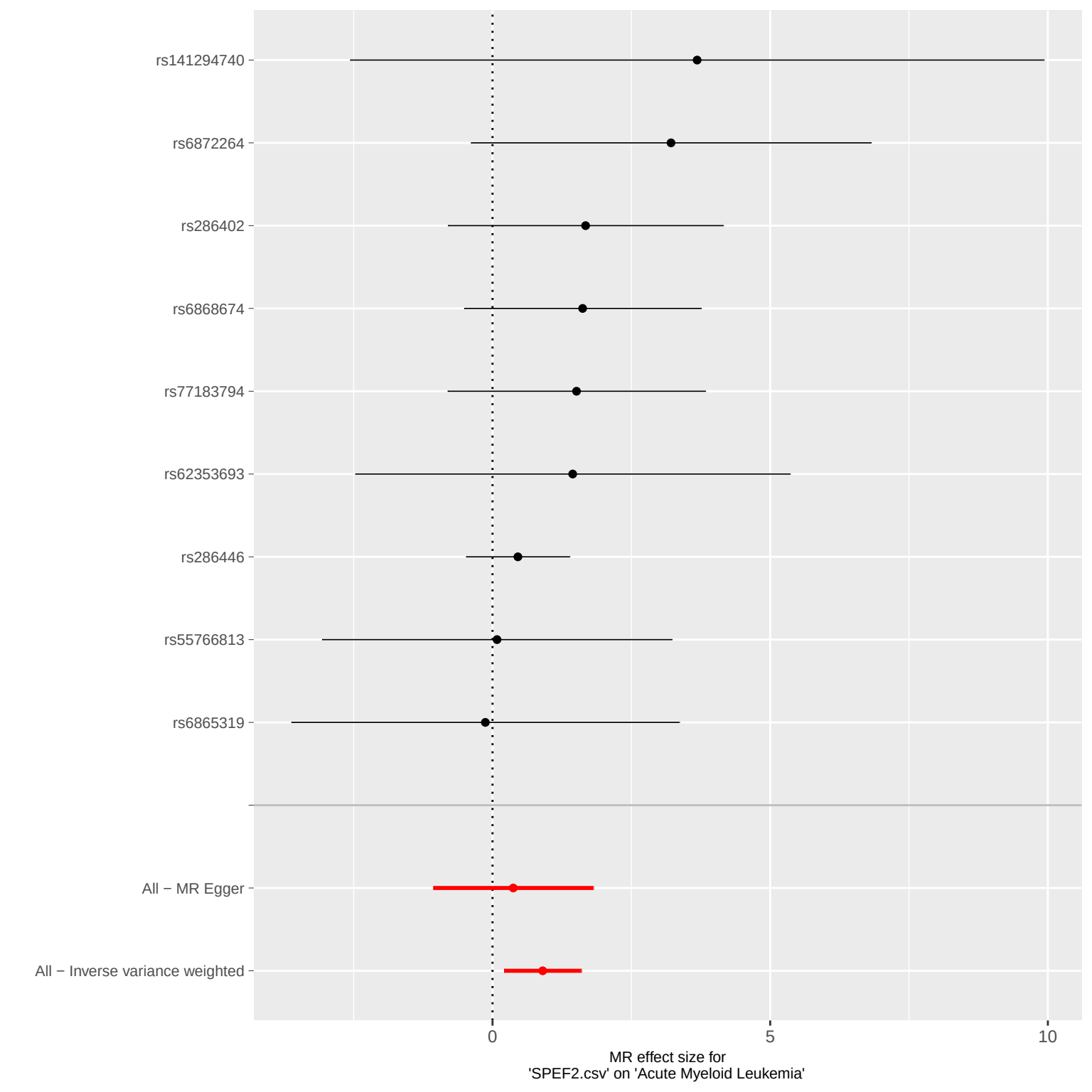
rs72603518
rs150973758
rs73187886
rs144260569
rs3987948
rs12113233
rs201516
rs117017477
rs62482903
rs6956527
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'SPDYE2L.csv' on 'Acute Myeloid Leukemia'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rs286402
rs6868674
rs77183794
rs62353693
rs286446
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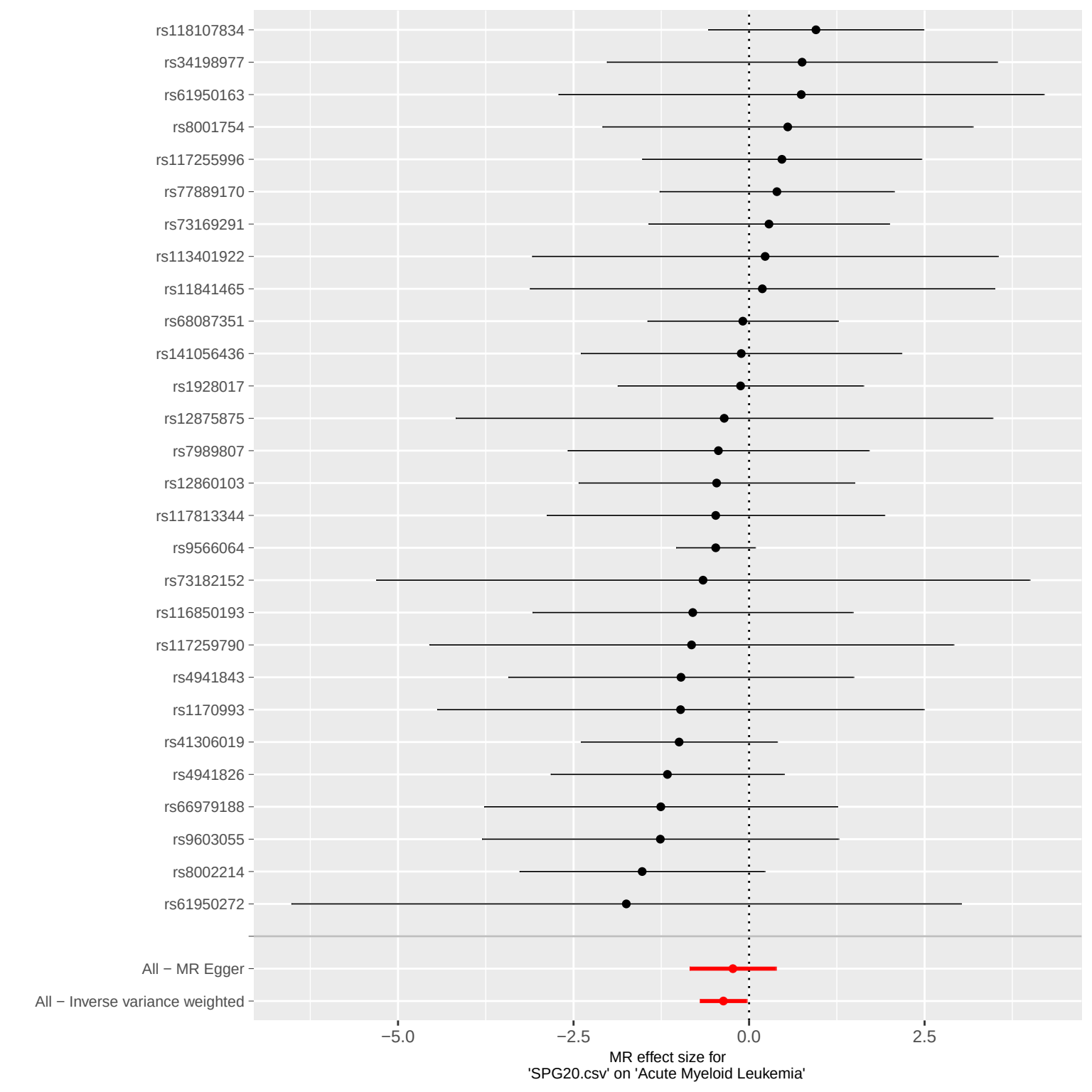
rs6865319
All − MR Egger
All − Inverse variance weighted
0
5
10
MR effect size for
'SPEF2.csv' on 'Acute Myeloid Leukemia'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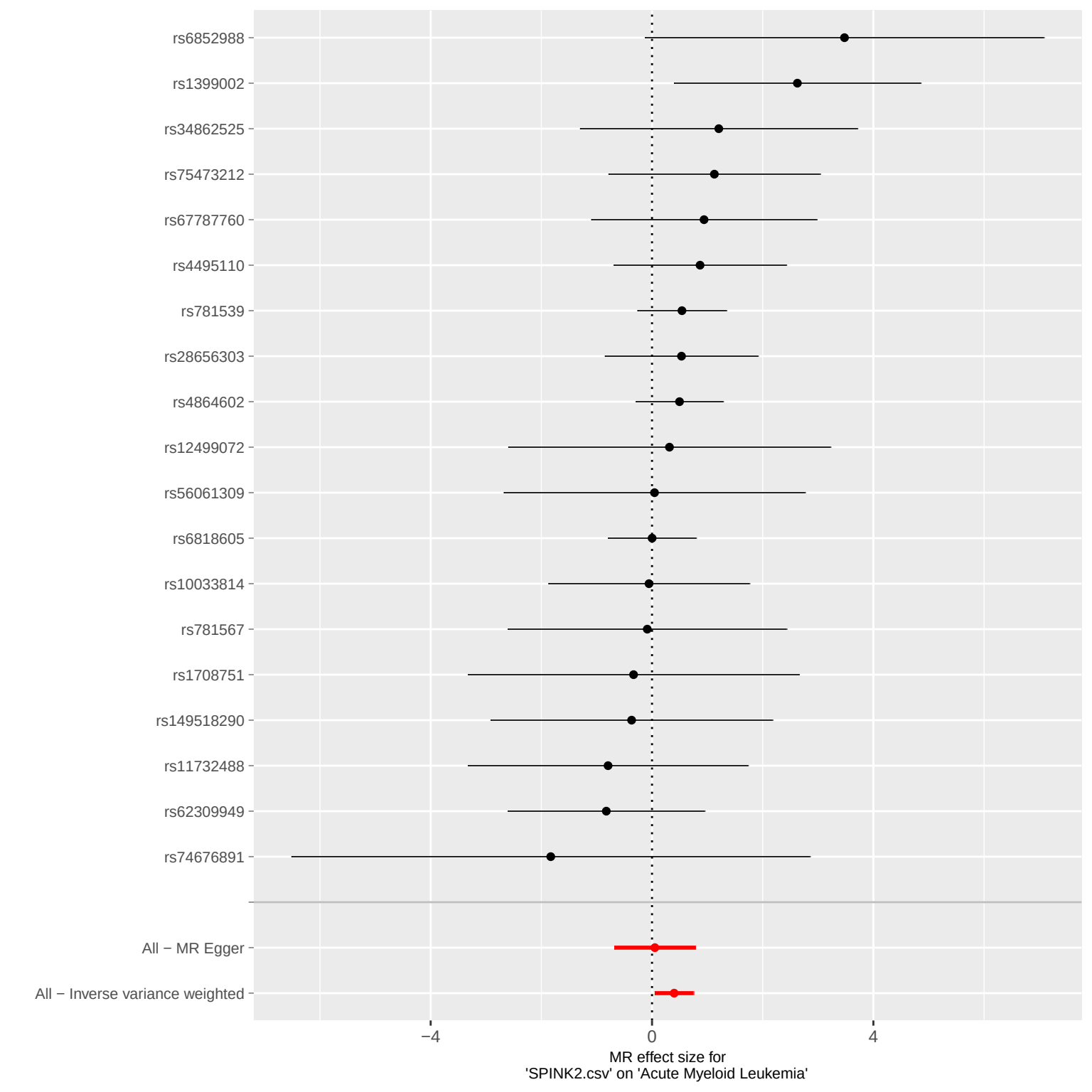
rs117259790
rs4941843
rs1170993
rs41306019
rs4941826
rs66979188
rs9603055
rs8002214
rs61950272
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SPG20.csv' on 'Acute Myeloid Leukemia'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rs10033814
rs781567
rs1708751
rs149518290
rs11732488
rs62309949
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All − MR Egger
All − Inverse variance weighted
−4
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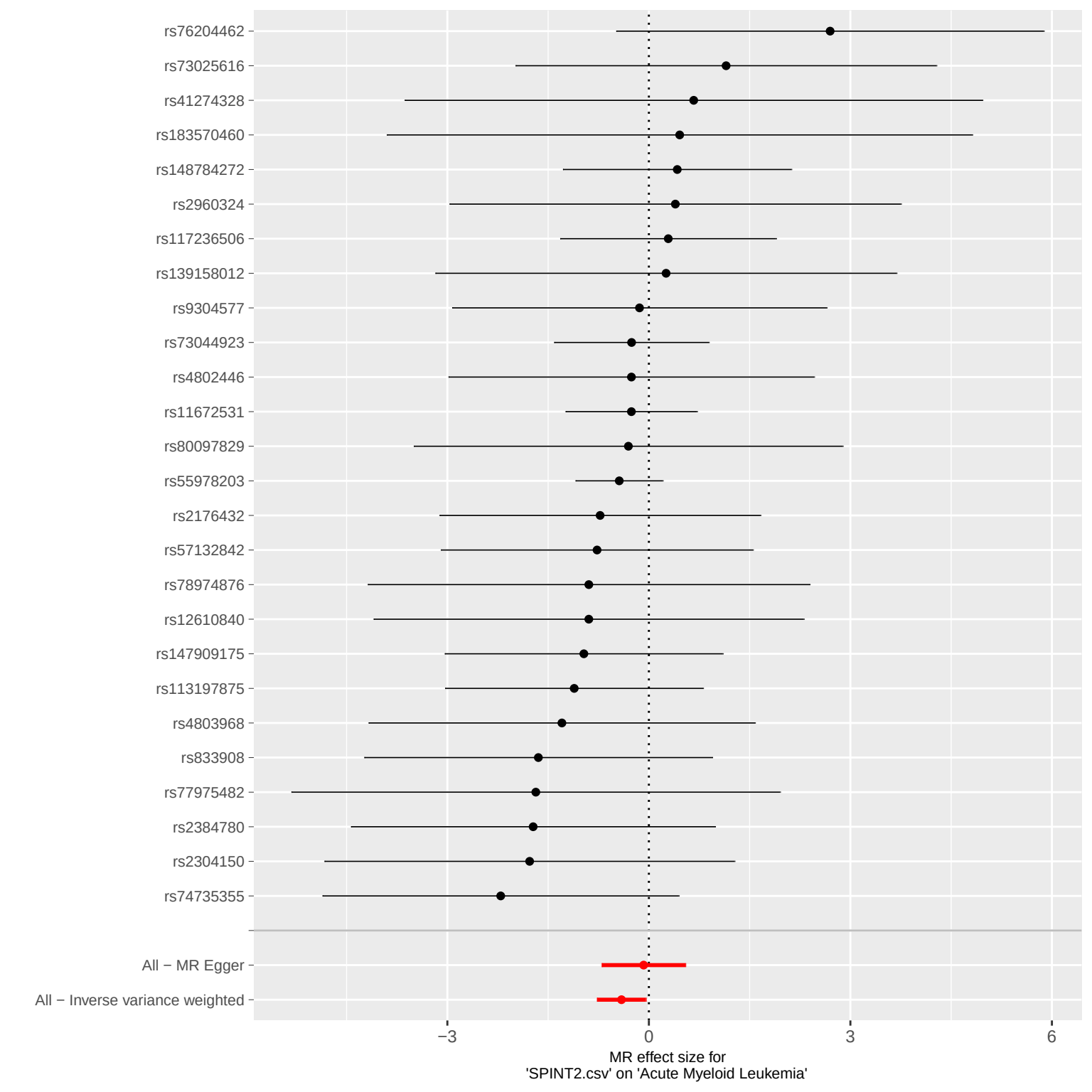
4
MR effect size for
'SPINK2.csv' on 'Acute Myeloid Leukemia'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rs80097829
rs55978203
rs2176432
rs57132842
rs78974876
rs12610840
rs147909175
rs113197875
rs4803968
rs833908
rs77975482
rs2384780
rs2304150
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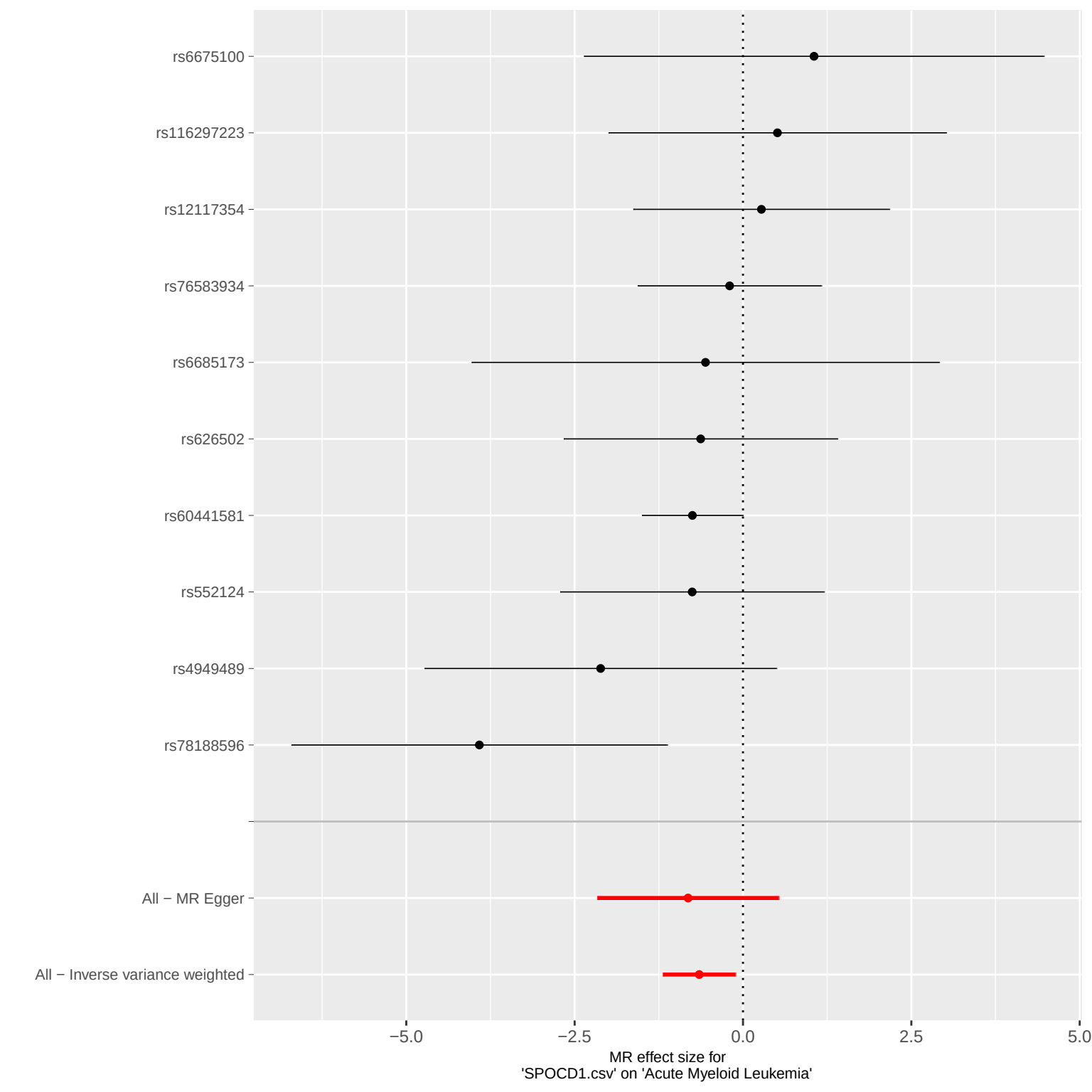
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'SPINT2.csv' on 'Acute Myeloid Leukemia'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rs116297223
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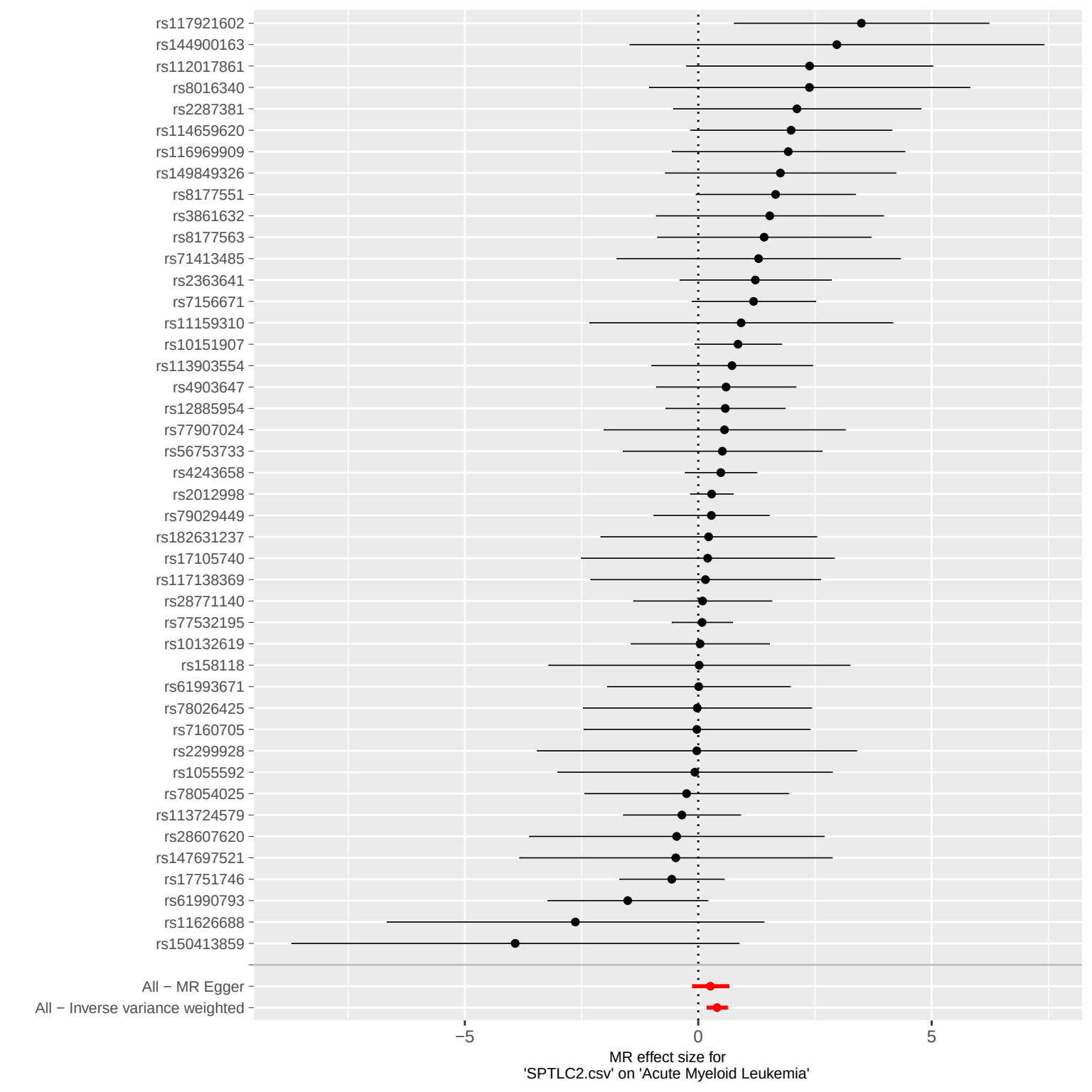
rs6685173
rs626502
rs60441581
rs552124
rs4949489
rs78188596
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'SPOCD1.csv' on 'Acute Myeloid Leukemia'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rs1055592
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rs28607620
rs147697521
rs17751746
rs61990793
rs11626688
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All − MR Egger
All − Inverse variance weighted
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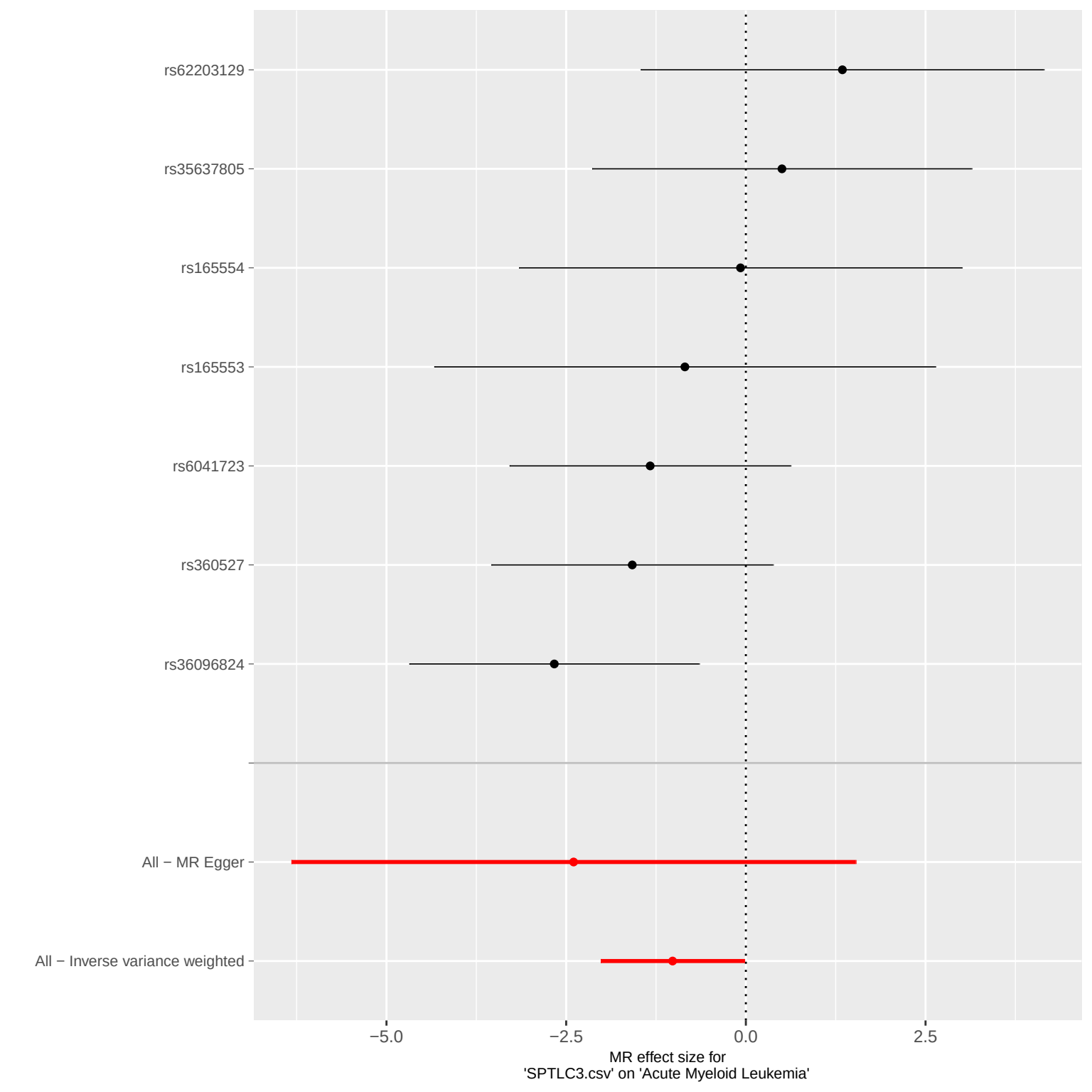
0
5
MR effect size for
'SPTLC2.csv' on 'Acute Myeloid Leukemia'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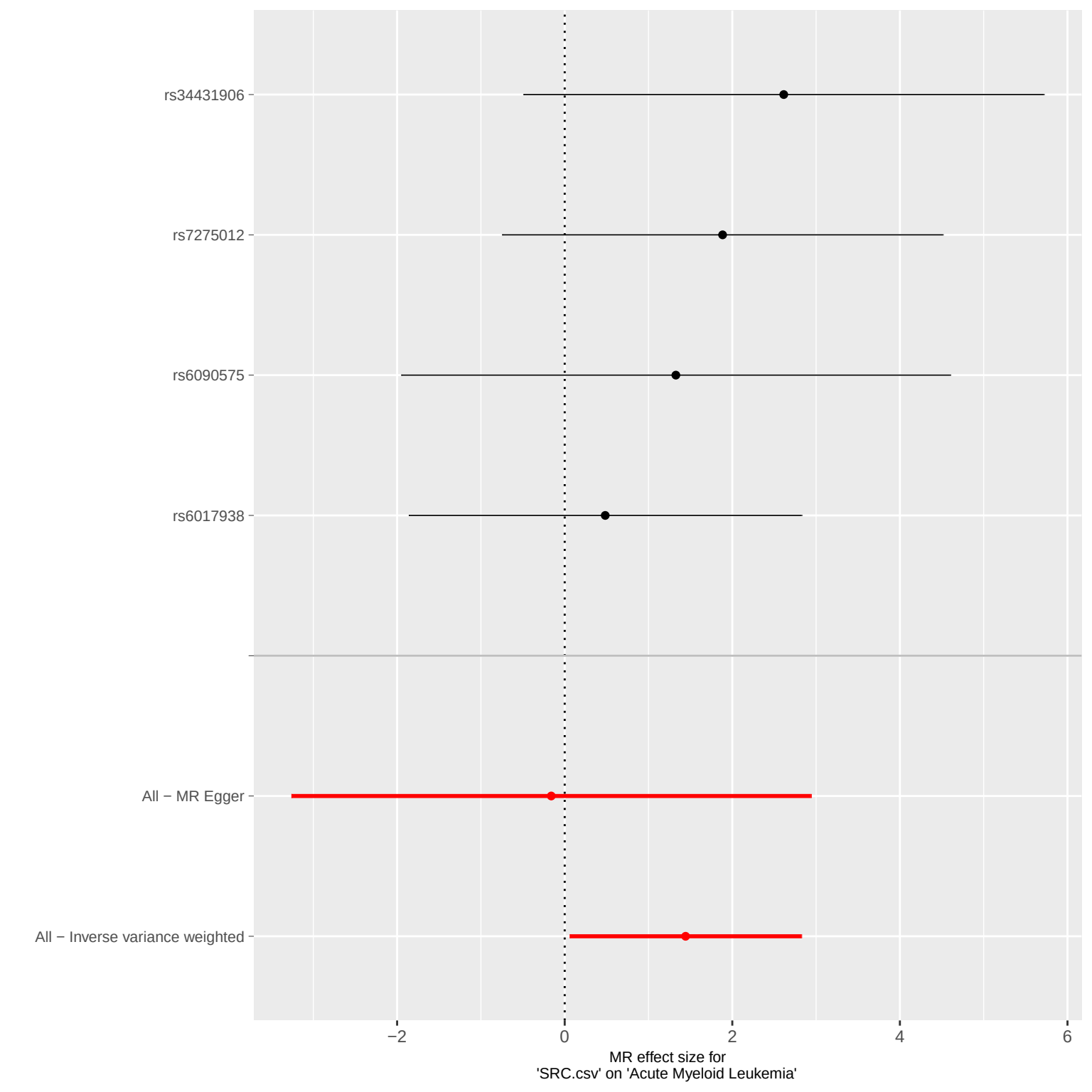
rs35637805
rs165554
rs165553
rs6041723
rs360527
rs36096824
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SPTLC3.csv' on 'Acute Myeloid Leukemia'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rs7275012
rs6090575
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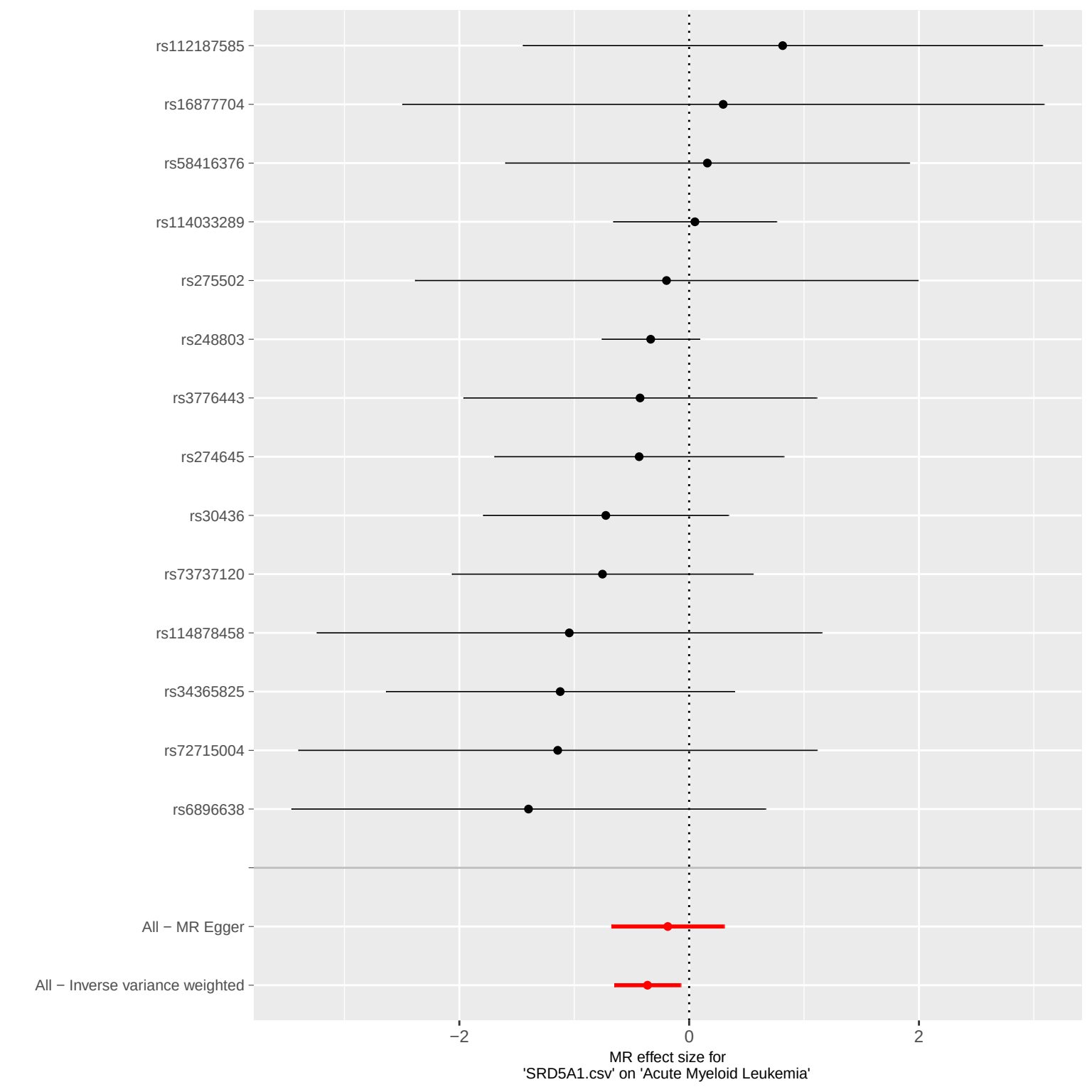
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'SRC.csv' on 'Acute Myeloid Leukemia'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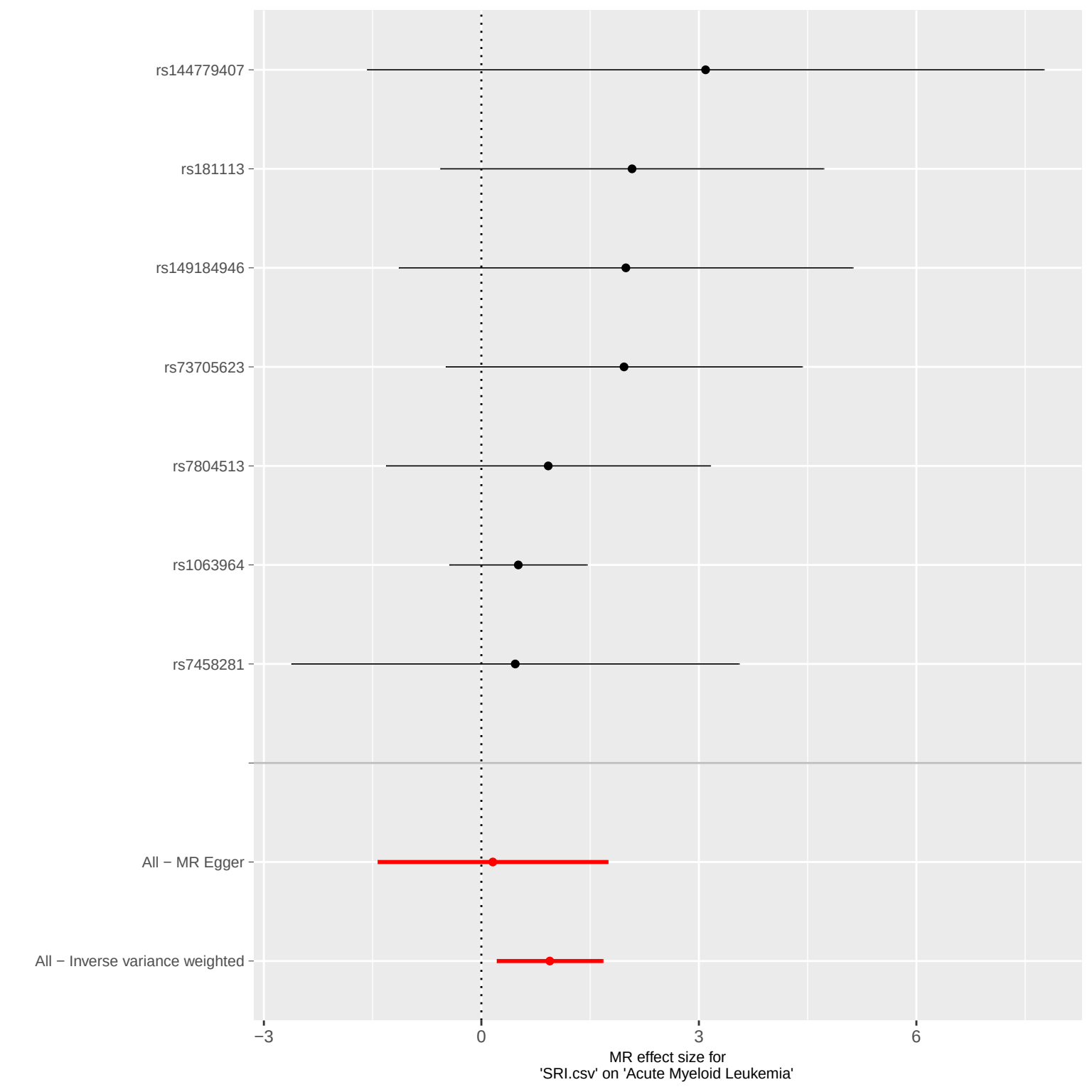
rs275502
rs248803
rs3776443
rs274645
rs30436
rs73737120
rs114878458
rs34365825
rs72715004
rs6896638
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SRD5A1.csv' on 'Acute Myeloid Leukemia'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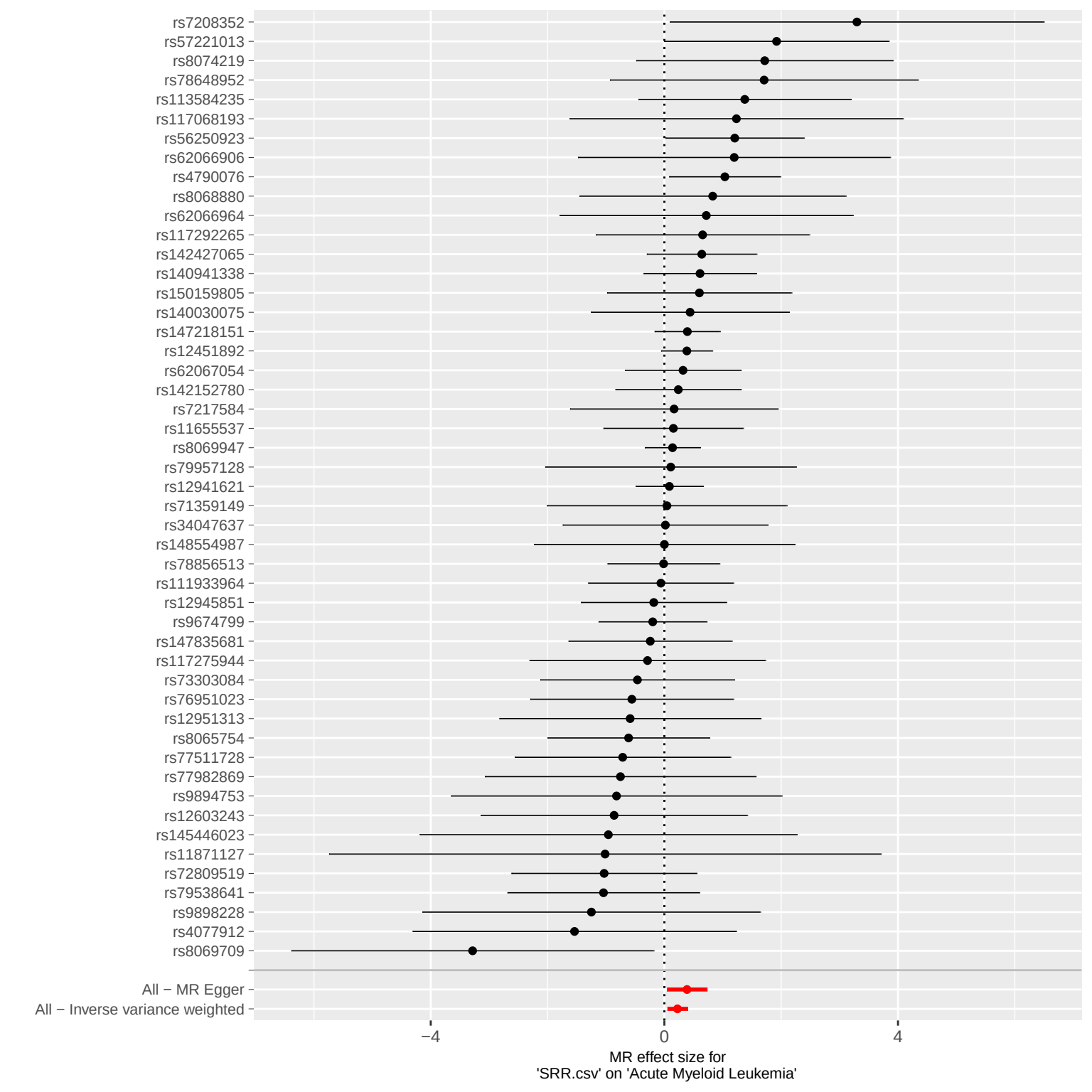
rs73705623
rs7804513
rs1063964
rs7458281
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'SRI.csv' on 'Acute Myeloid Leukemia'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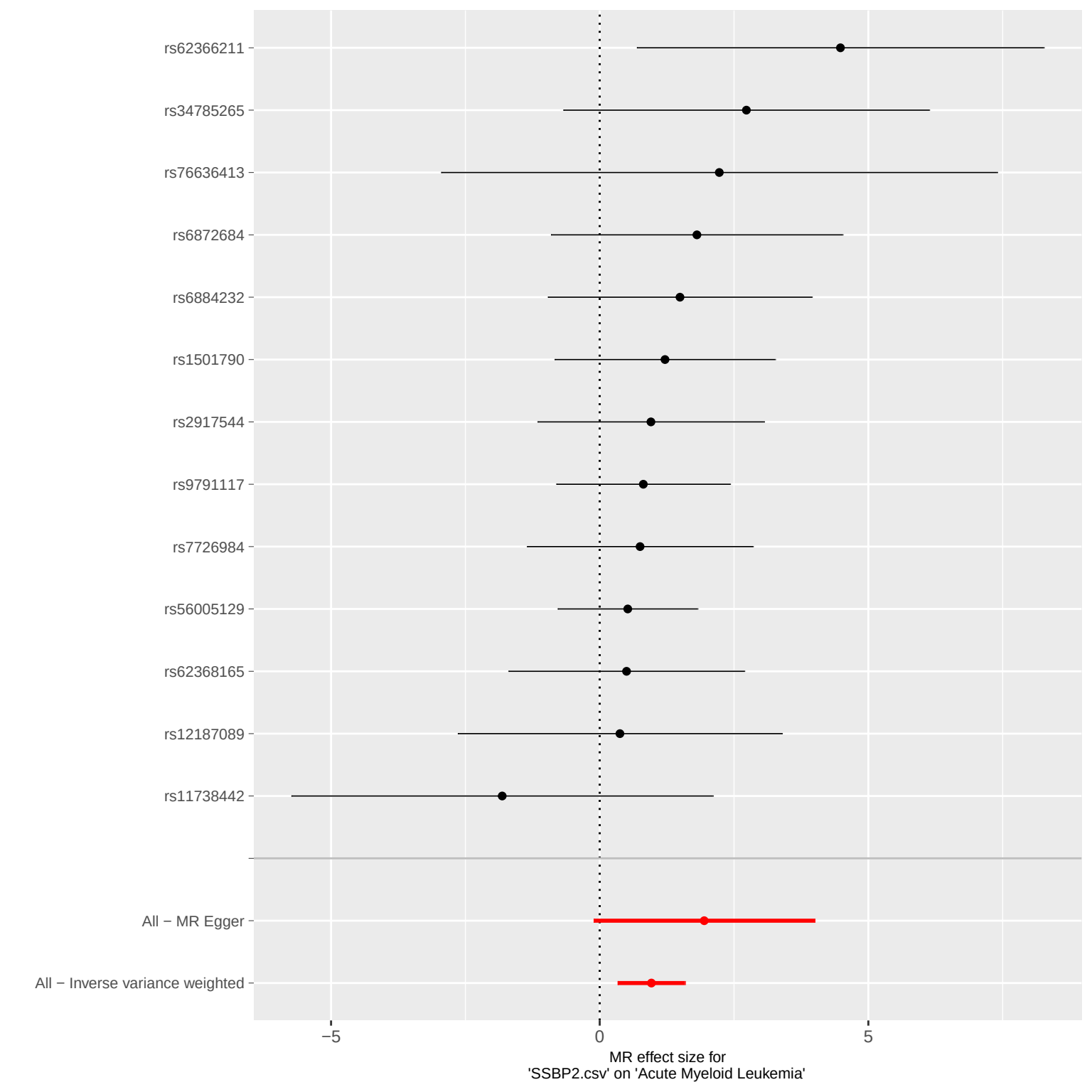
rs9894753
rs12603243
rs145446023
rs11871127
rs72809519
rs79538641
rs9898228
rs4077912
rs8069709
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'SRR.csv' on 'Acute Myeloid Leukemia'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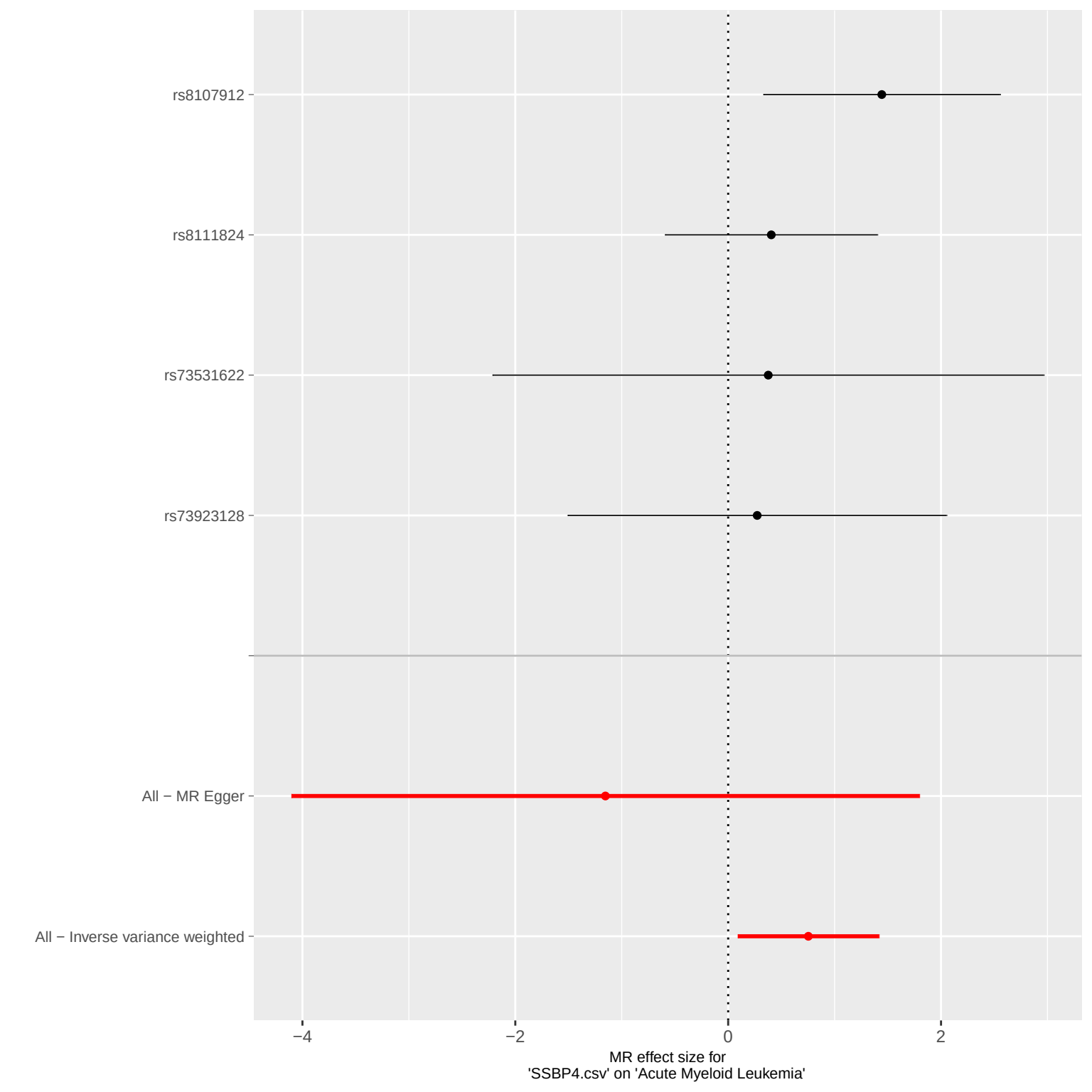
rs6872684
rs6884232
rs1501790
rs2917544
rs9791117
rs7726984
rs56005129
rs62368165
rs12187089
rs11738442
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'SSBP2.csv' on 'Acute Myeloid Leukemia'


rs8107912
rs8111824
rs73531622
rs73923128
All − MR Egger
All − Inverse variance weighted
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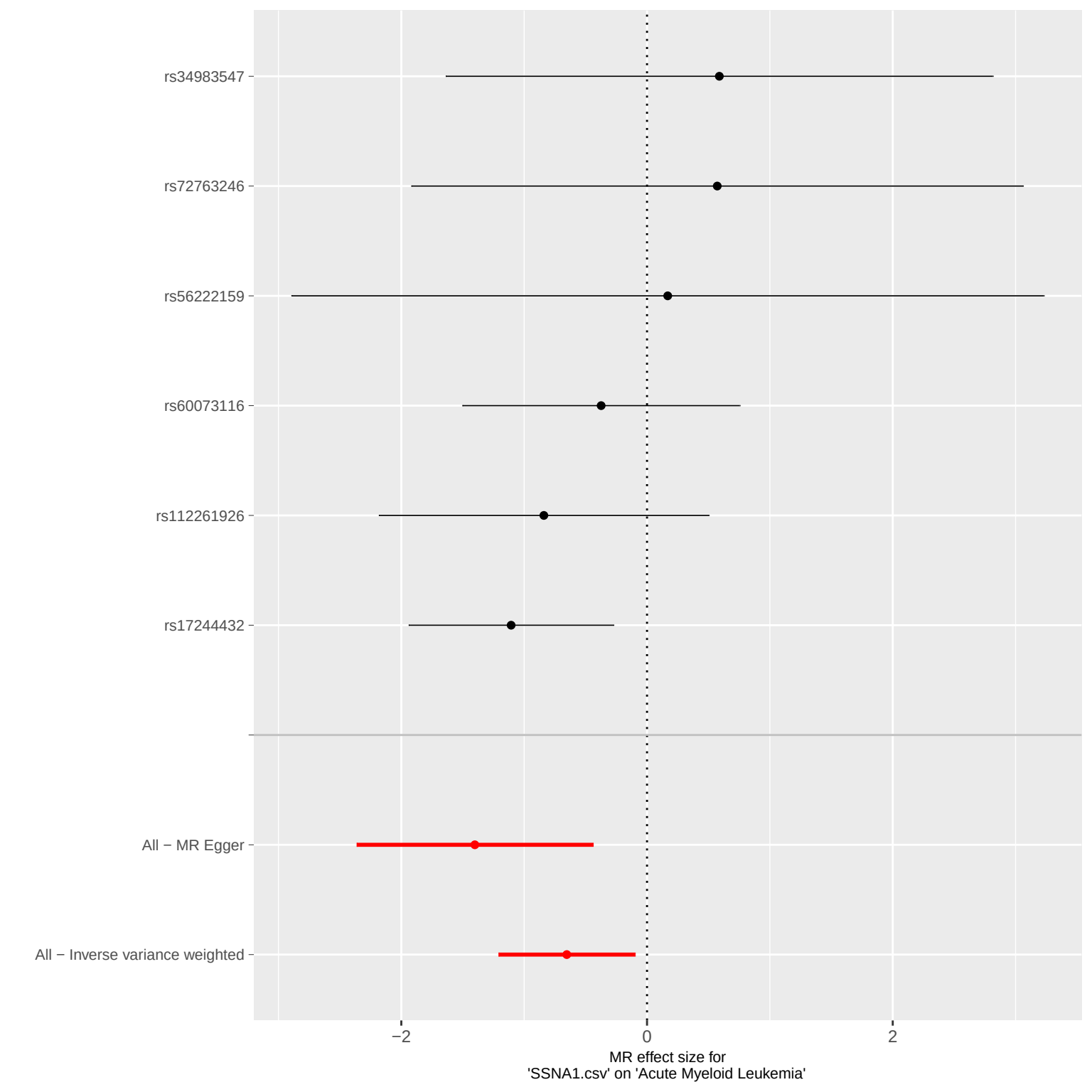
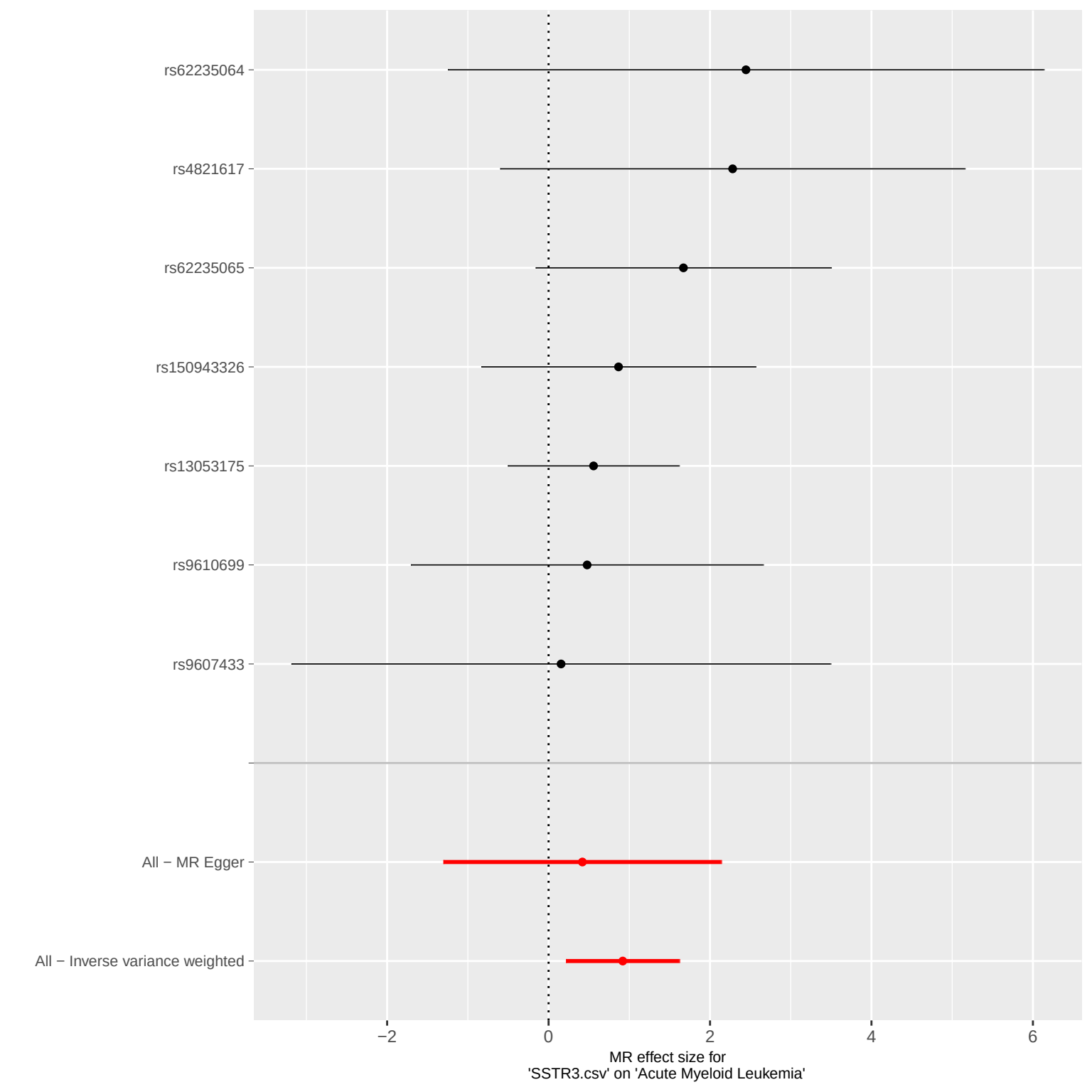
−2
0
2
MR effect size for
'SSBP4.csv' on 'Acute Myeloid Leukemia'


rs34983547
rs72763246
rs56222159
rs60073116
rs112261926
rs17244432
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SSNA1.csv' on 'Acute Myeloid Leukemia'


rs62235064
rs4821617
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rs150943326
rs13053175
rs9610699
rs9607433
All − MR Egger
All − Inverse variance weighted
−2
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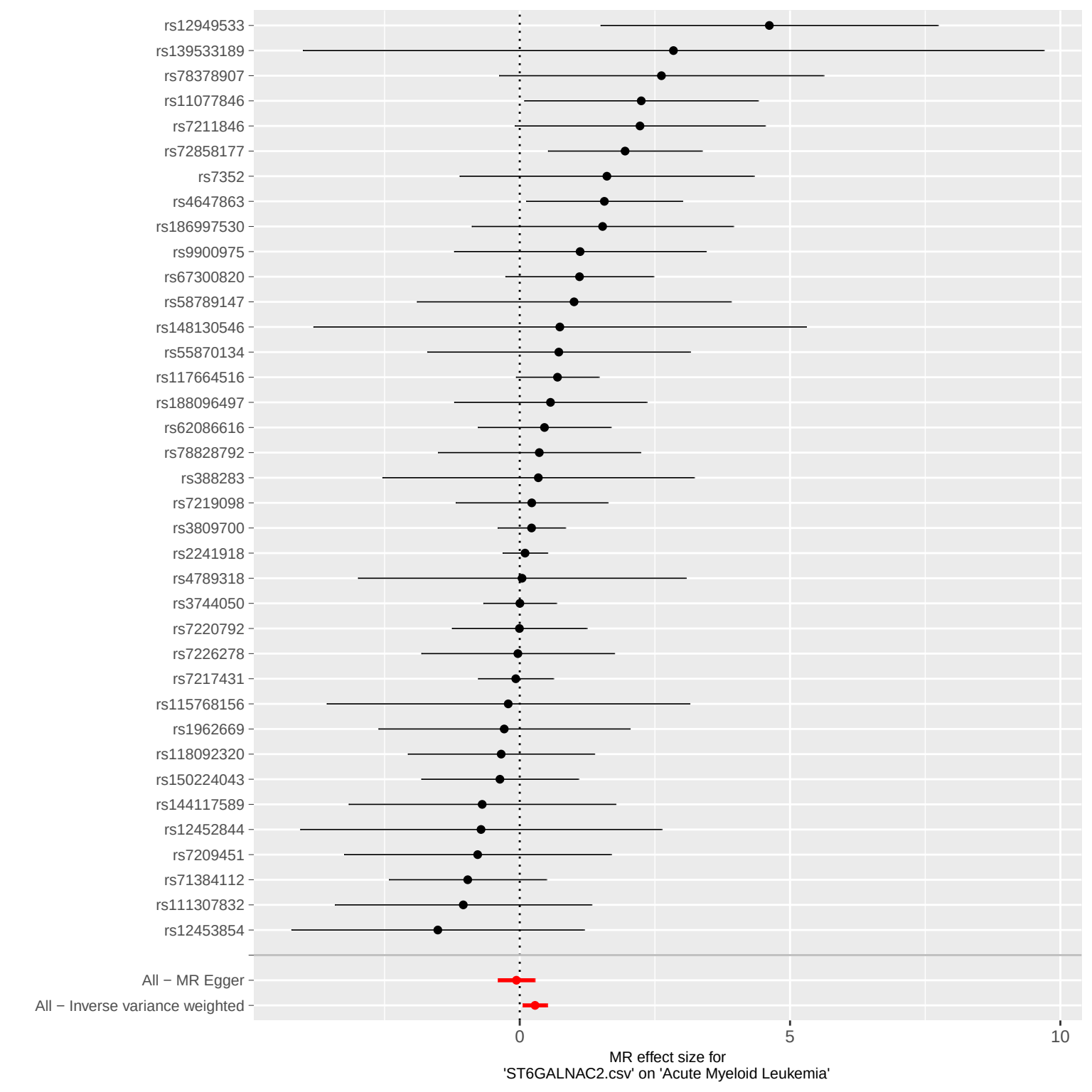
2
4
6
MR effect size for
'SSTR3.csv' on 'Acute Myeloid Leukemia'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rs58789147
rs148130546
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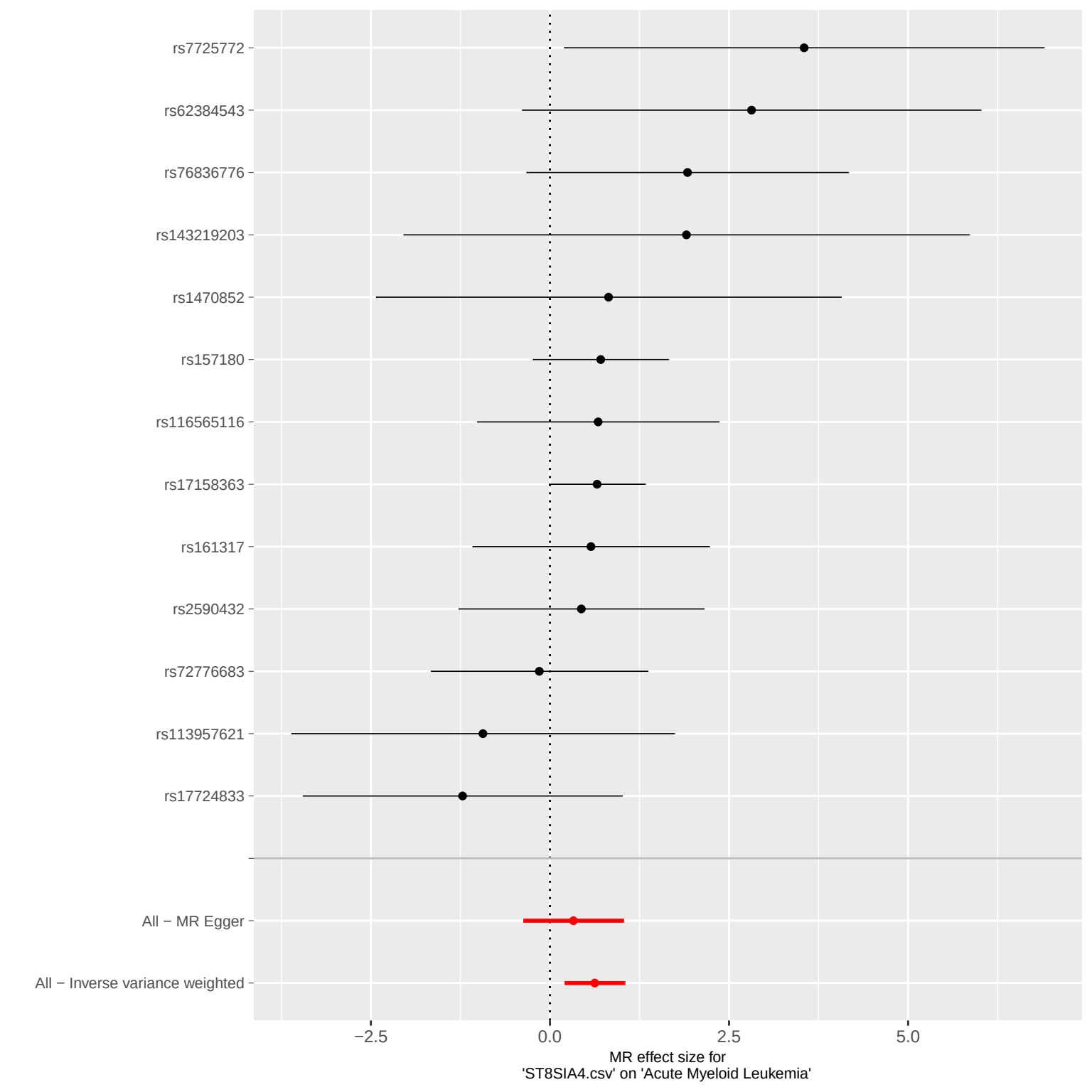
rs117664516
rs188096497
rs62086616
rs78828792
rs388283
rs7219098
rs3809700
rs2241918
rs4789318
rs3744050
rs7220792
rs7226278
rs7217431
rs115768156
rs1962669
rs118092320
rs150224043
rs144117589
rs12452844
rs7209451
rs71384112
rs111307832
rs12453854
All − MR Egger
All − Inverse variance weighted
0
5
10
MR effect size for
'ST6GALNAC2.csv' on 'Acute Myeloid Leukemia'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rs1470852
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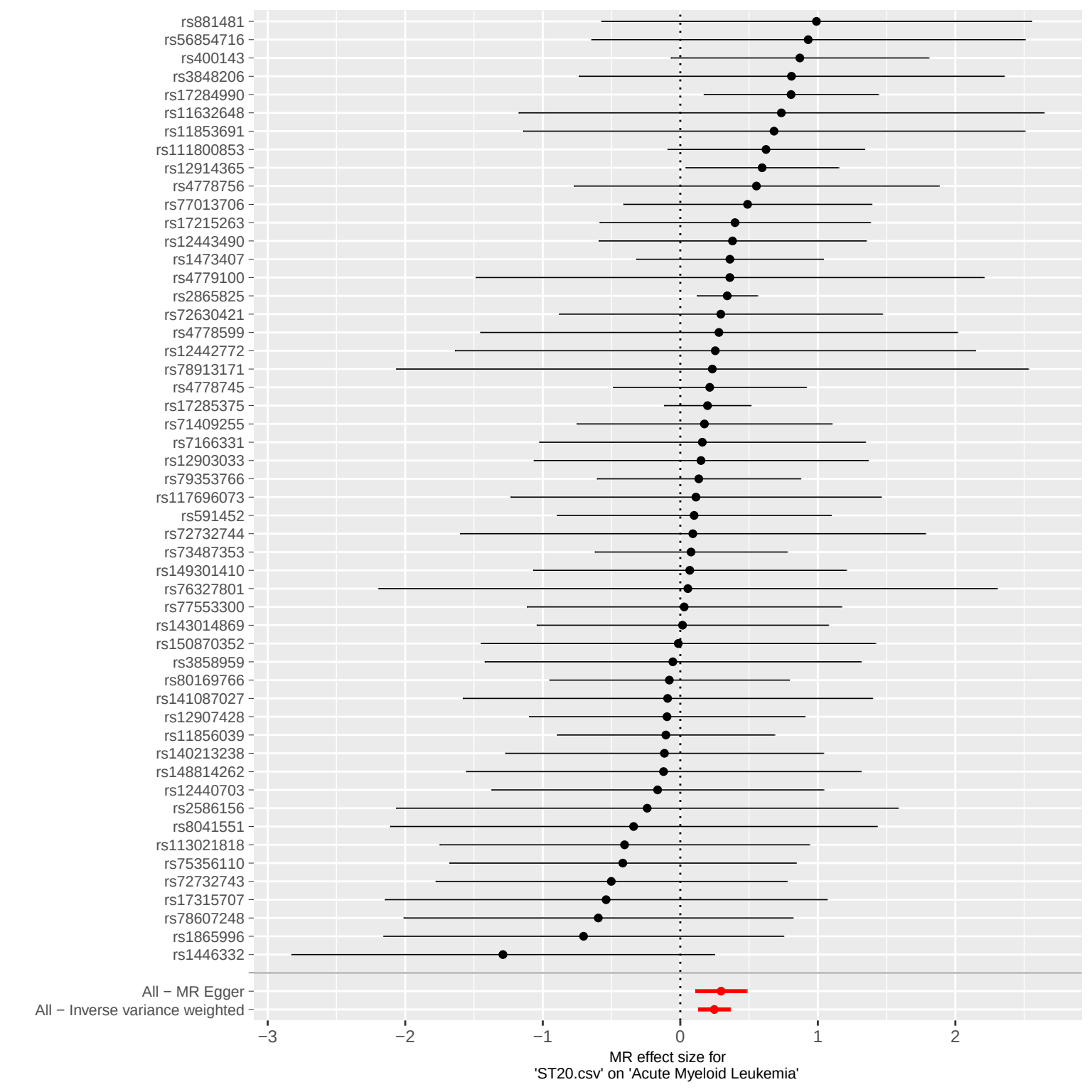
rs161317
rs2590432
rs72776683
rs113957621
rs17724833
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ST8SIA4.csv' on 'Acute Myeloid Leukemia'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rs2865825
rs72630421
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rs591452
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rs149301410
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rs143014869
rs150870352
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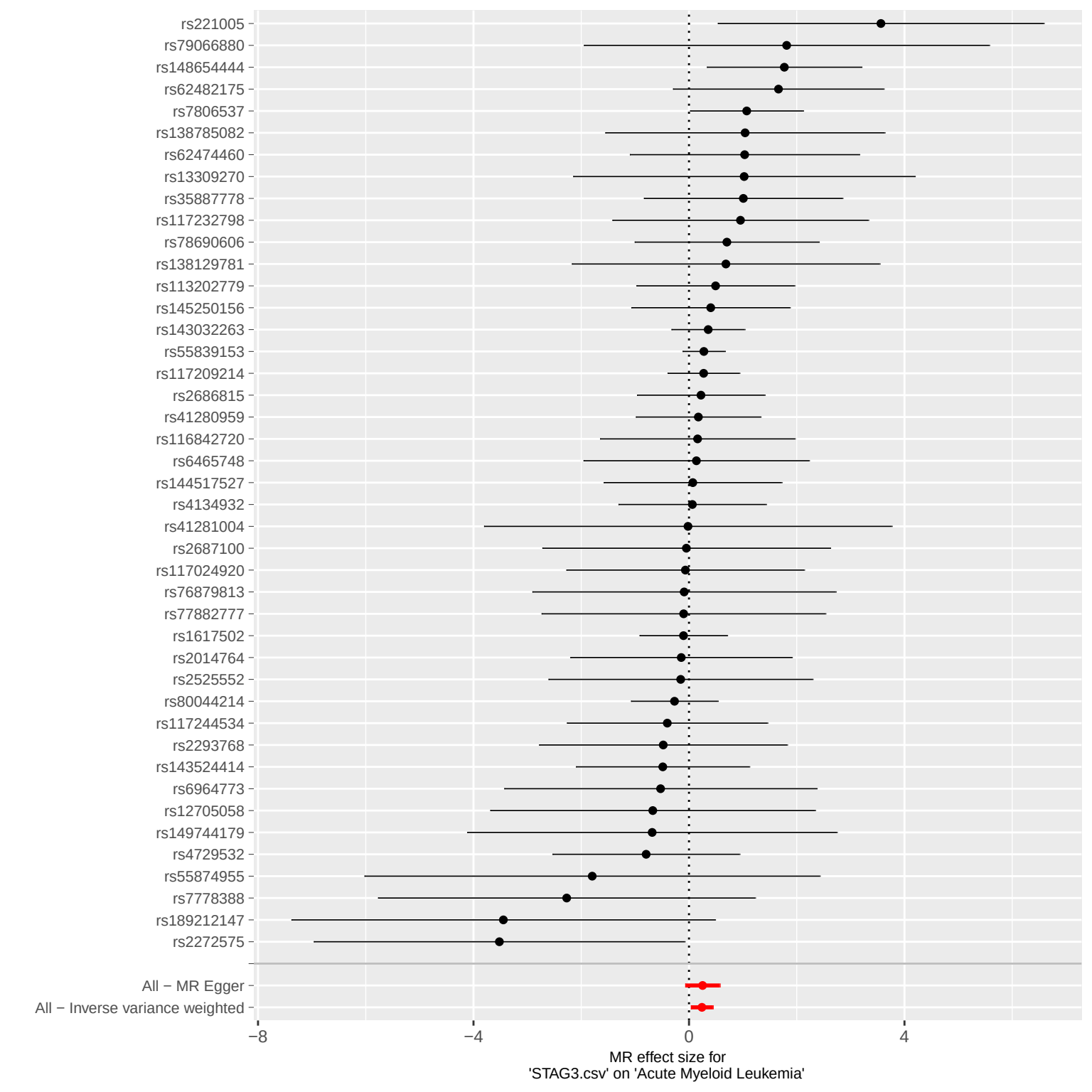
rs12440703
rs2586156
rs8041551
rs113021818
rs75356110
rs72732743
rs17315707
rs78607248
rs1865996
rs1446332
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ST20.csv' on 'Acute Myeloid Leukemia'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rs145250156
rs143032263
rs55839153
rs117209214
rs2686815
rs41280959
rs116842720
rs6465748
rs144517527
rs4134932
rs41281004
rs2687100
rs117024920
rs76879813
rs77882777
rs1617502
rs2014764
rs2525552
rs80044214
rs117244534
rs2293768
rs143524414
rs6964773
rs12705058
rs149744179
rs4729532
rs55874955
rs7778388
rs189212147
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All − MR Egger
All − Inverse variance weighted
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−4
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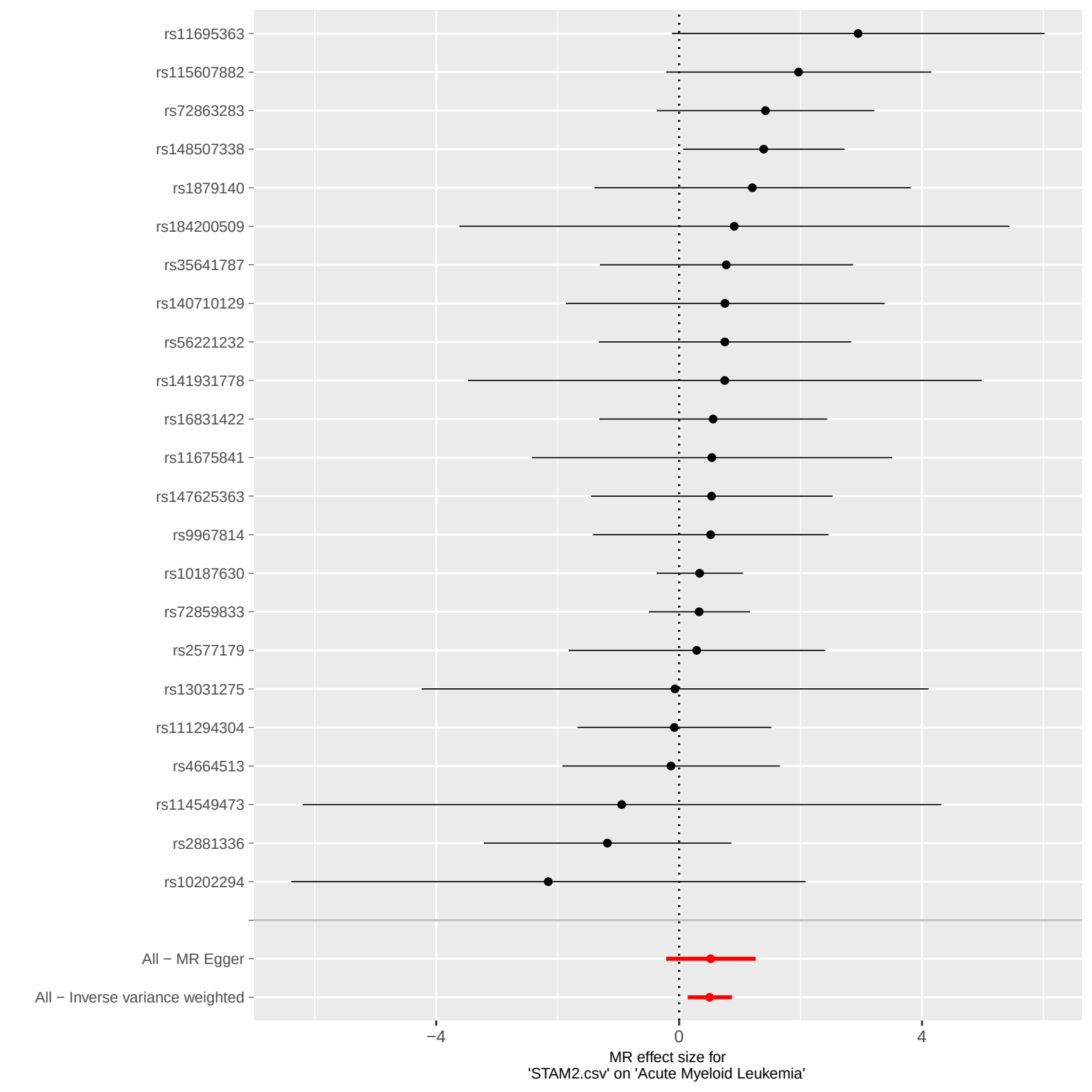
MR effect size for
'STAG3.csv' on 'Acute Myeloid Leukemia'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rs11675841
rs147625363
rs9967814
rs10187630
rs72859833
rs2577179
rs13031275
rs111294304
rs4664513
rs114549473
rs2881336
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All − MR Egger
All − Inverse variance weighted
−4
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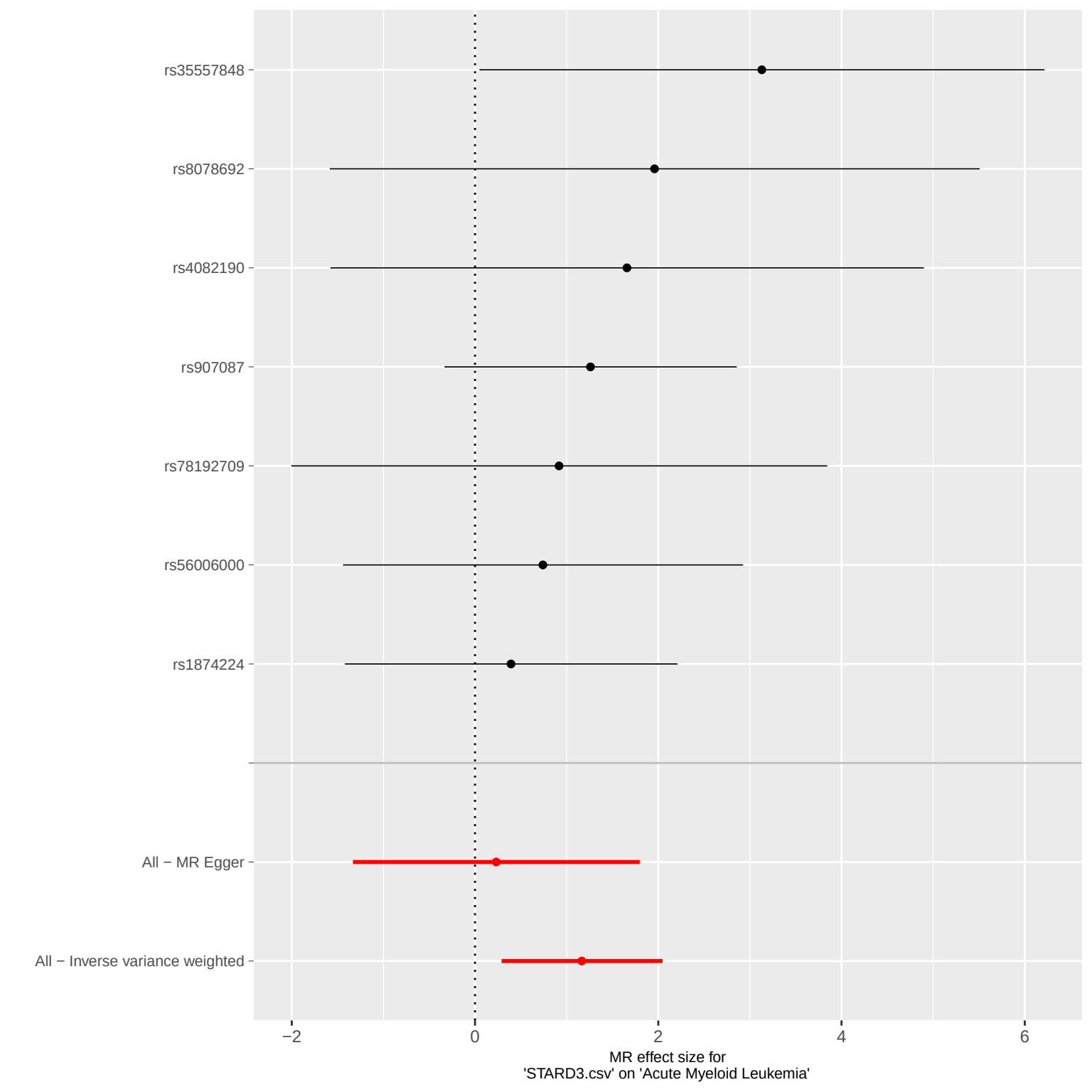
4
MR effect size for
'STAM2.csv' on 'Acute Myeloid Leukemia'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rs8078692
rs4082190
rs907087
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rs56006000
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All − MR Egger
All − Inverse variance weighted
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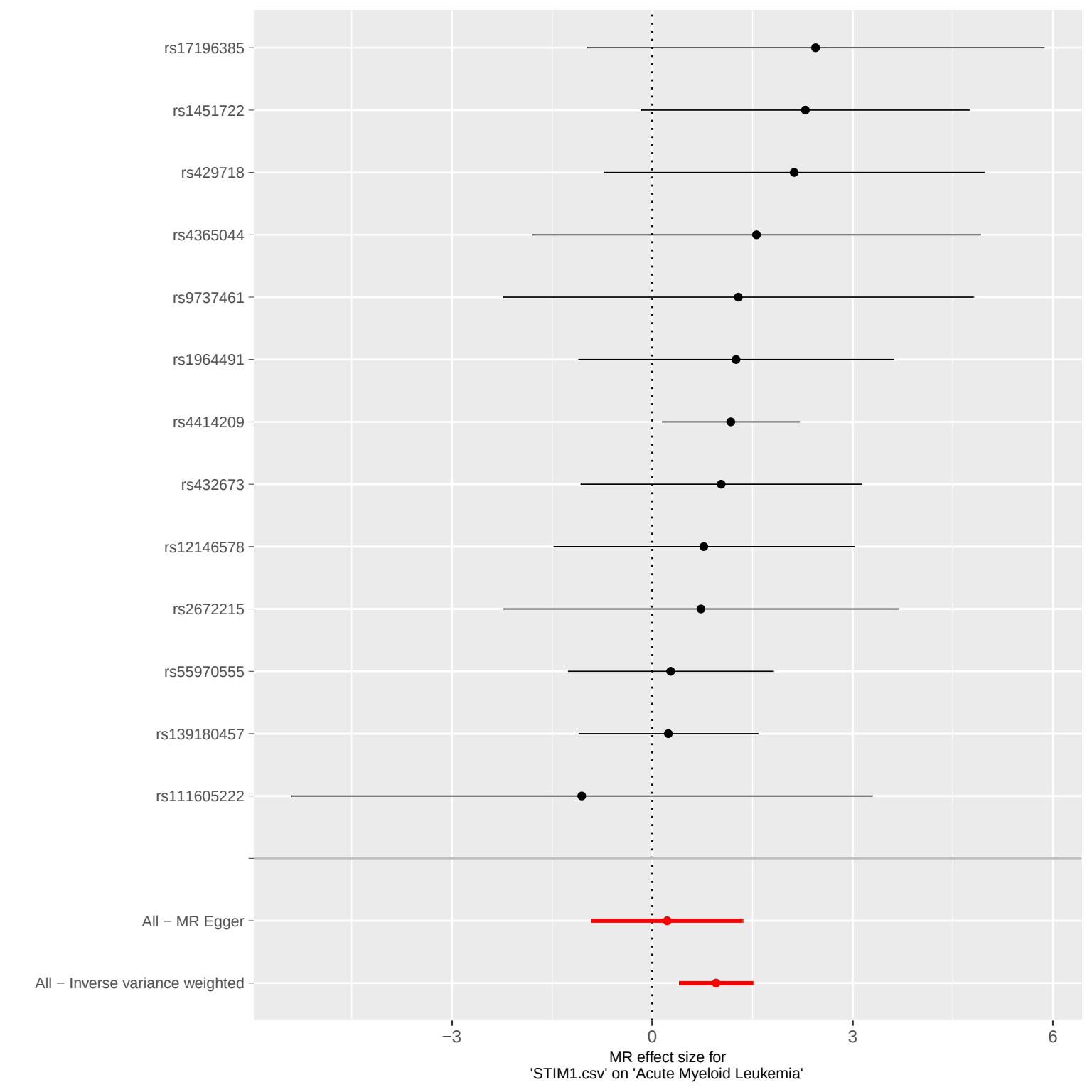
0
2
4
6
MR effect size for
'STARD3.csv' on 'Acute Myeloid Leukemia'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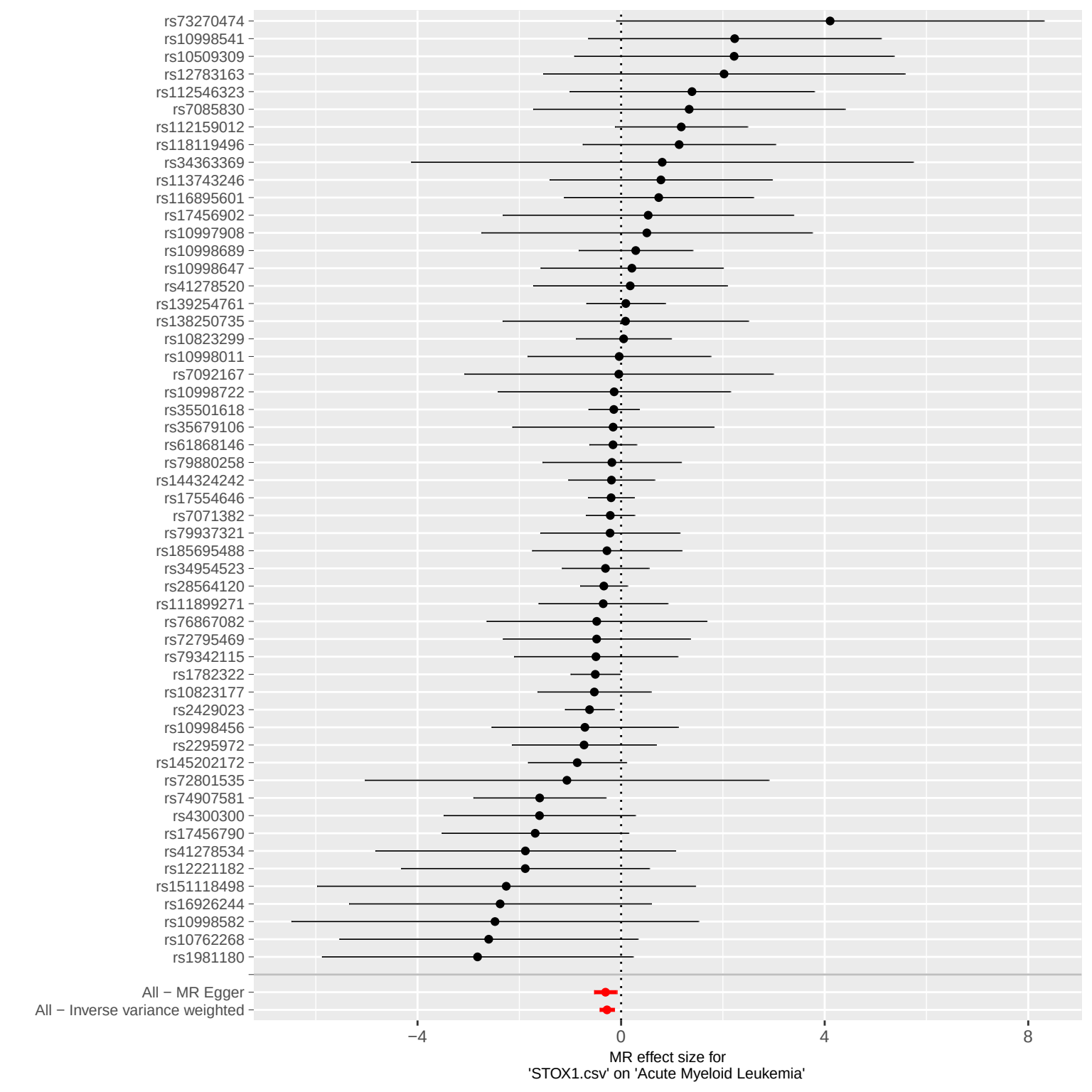
rs4365044
rs9737461
rs1964491
rs4414209
rs432673
rs12146578
rs2672215
rs55970555
rs139180457
rs111605222
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'STIM1.csv' on 'Acute Myeloid Leukemia'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rs116895601
rs17456902
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rs10998689
rs10998647
rs41278520
rs139254761
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rs10823299
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rs4300300
rs17456790
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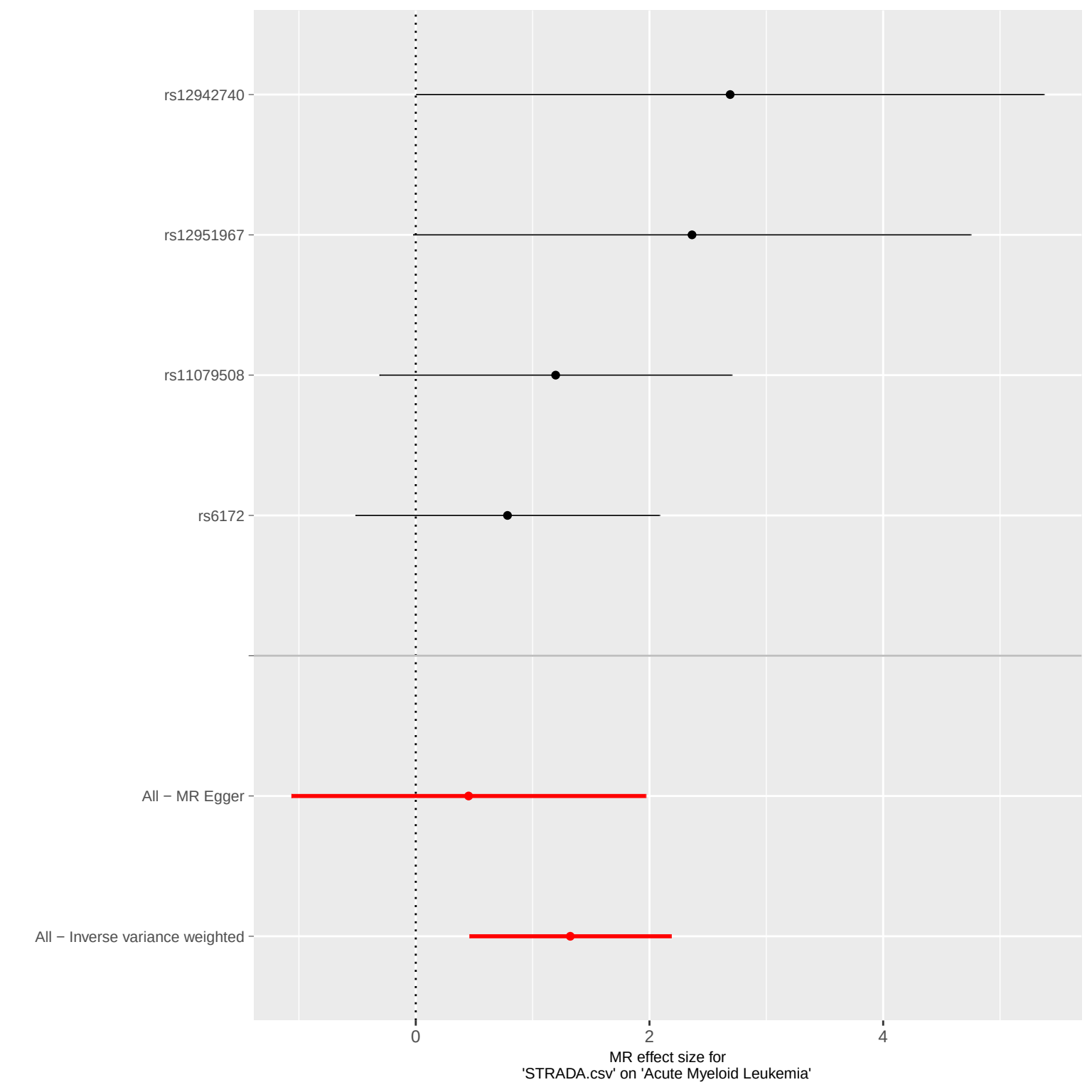
rs12221182
rs151118498
rs16926244
rs10998582
rs10762268
rs1981180
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'STOX1.csv' on 'Acute Myeloid Leukemia'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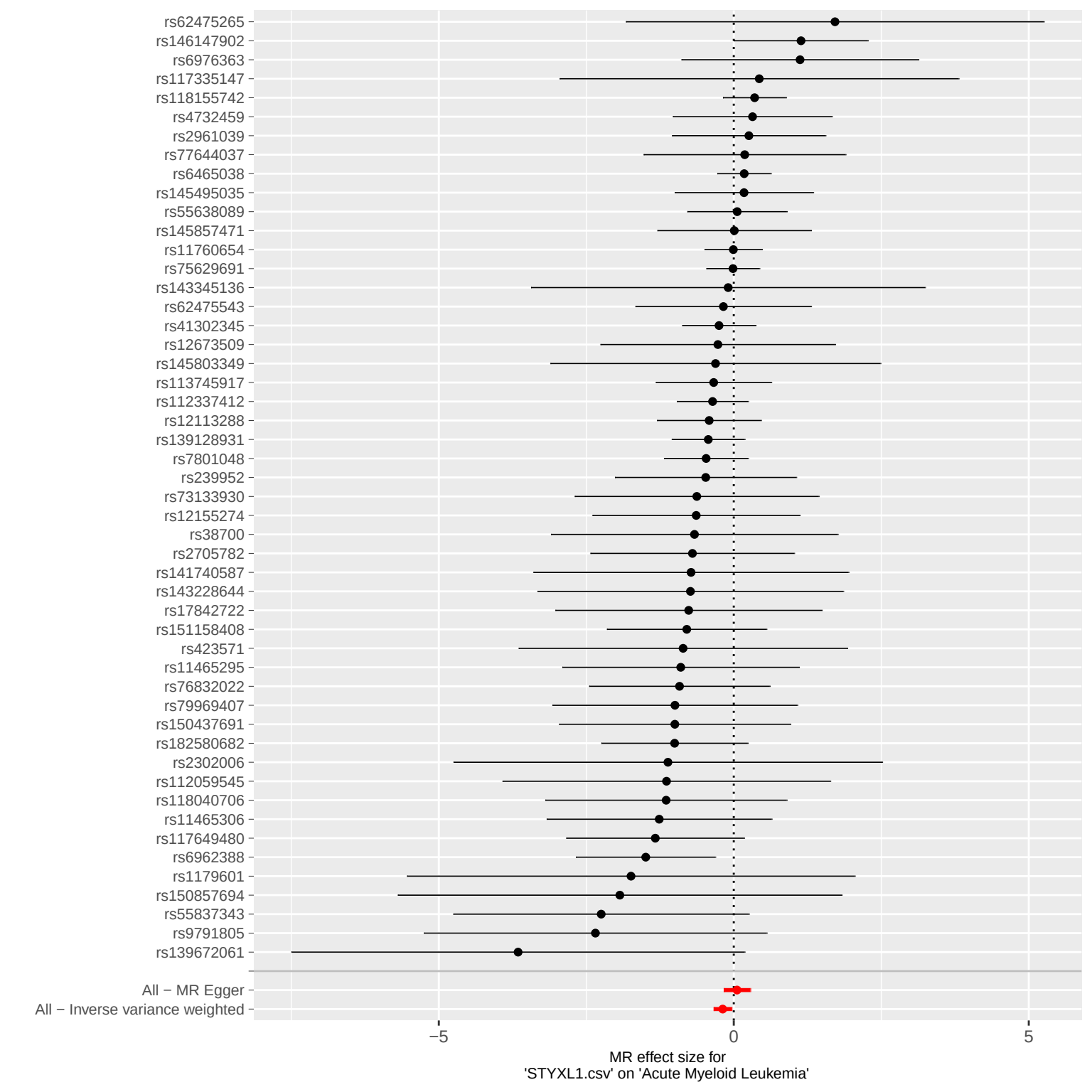
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'STRADA.csv' on 'Acute Myeloid Leukemia'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rs6962388
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rs150857694
rs55837343
rs9791805
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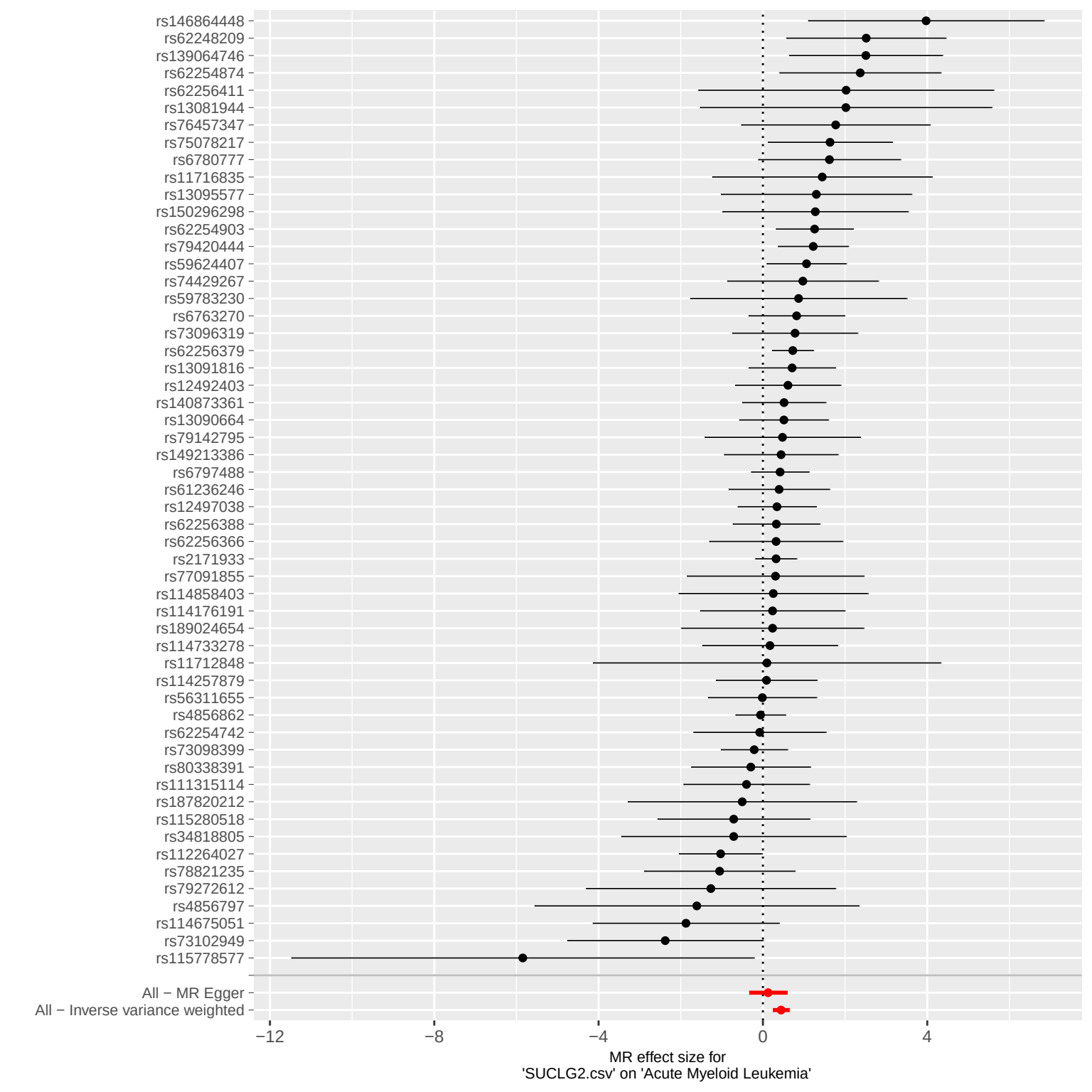
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'STYXL1.csv' on 'Acute Myeloid Leukemia'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rs74429267
rs59783230
rs6763270
rs73096319
rs62256379
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rs12492403
rs140873361
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rs115280518
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rs112264027
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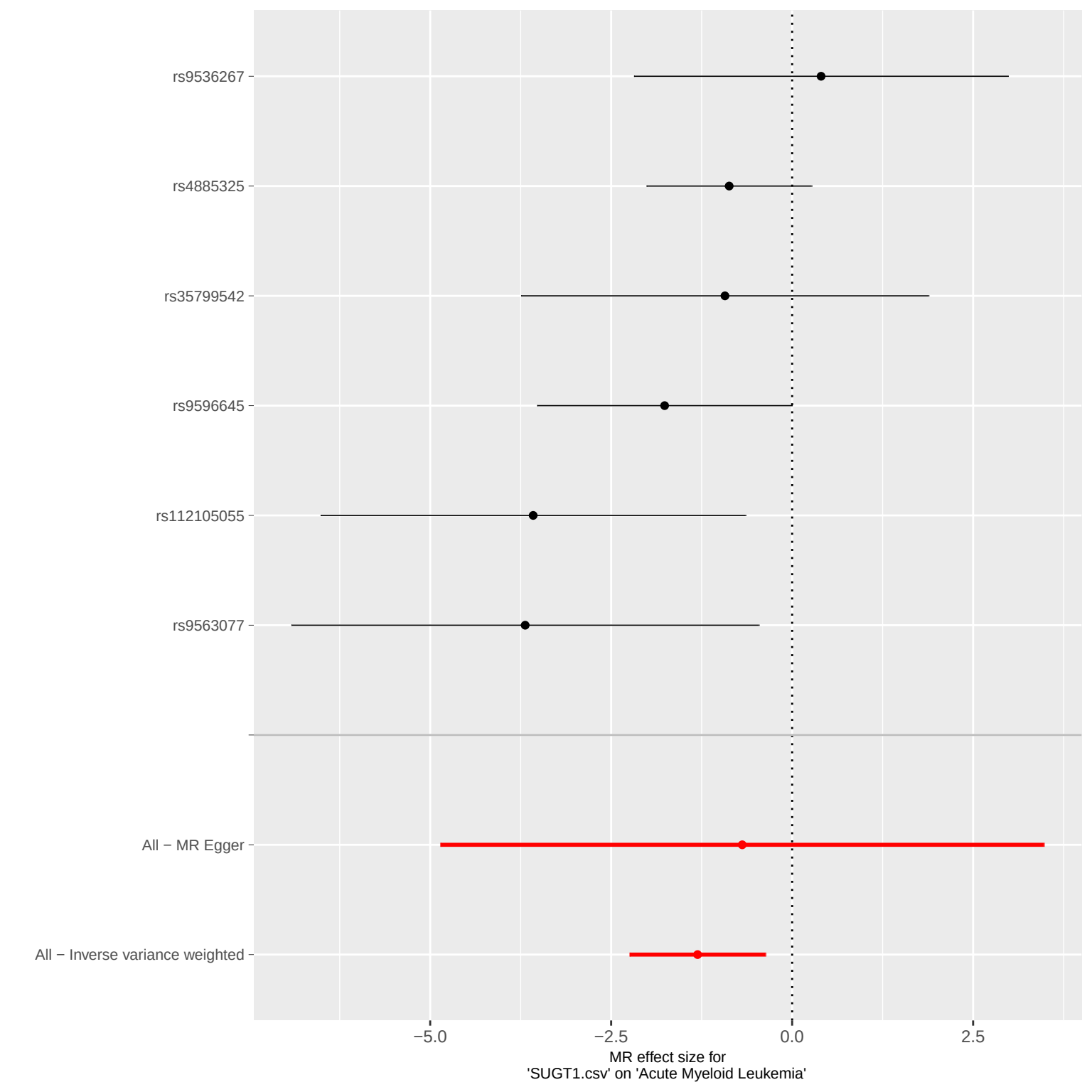
rs79272612
rs4856797
rs114675051
rs73102949
rs115778577
All − MR Egger
All − Inverse variance weighted
−12
−8
−4
0
4
MR effect size for
'SUCLG2.csv' on 'Acute Myeloid Leukemia'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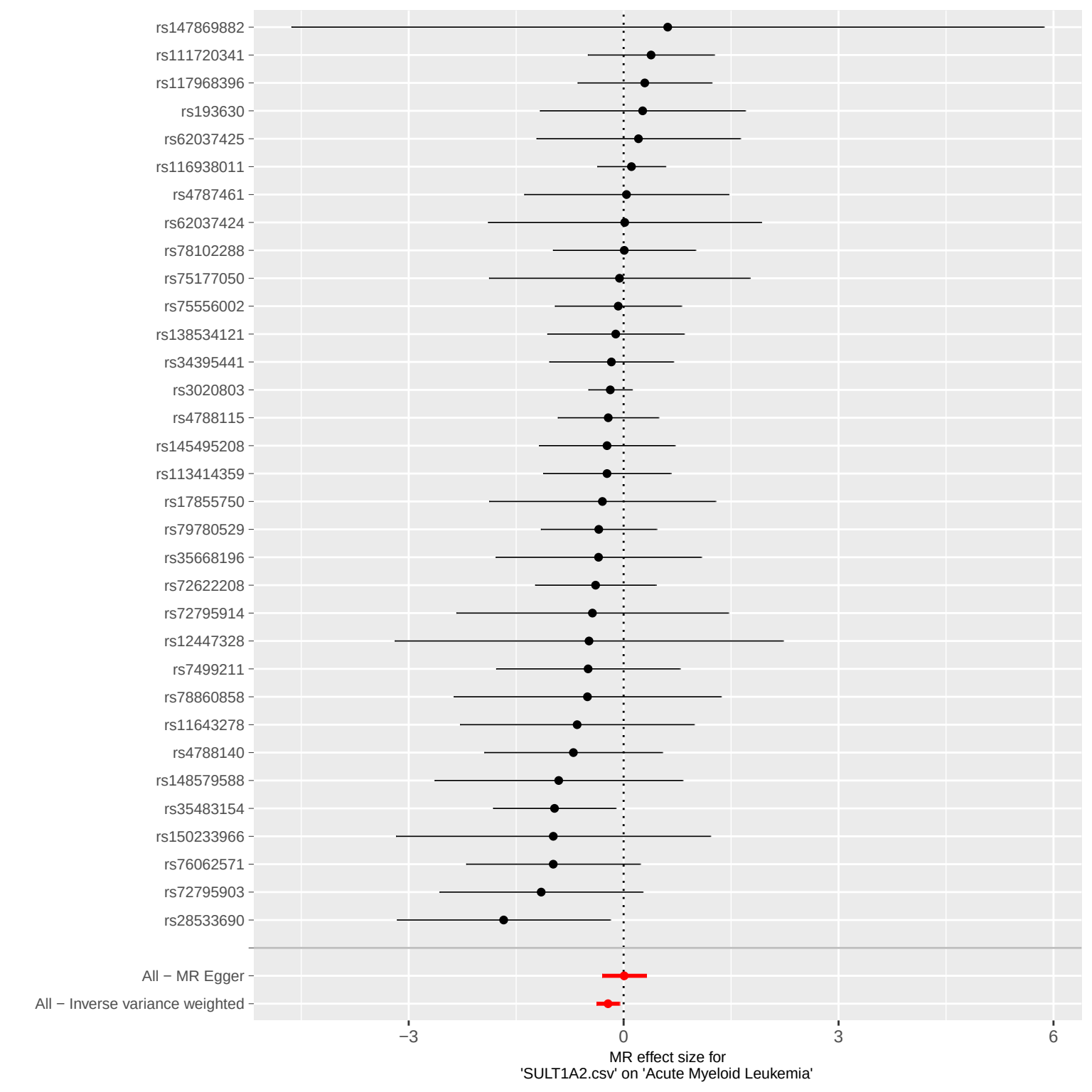
rs4885325
rs35799542
rs9596645
rs112105055
rs9563077
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SUGT1.csv' on 'Acute Myeloid Leukemia'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rs12447328
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rs148579588
rs35483154
rs150233966
rs76062571
rs72795903
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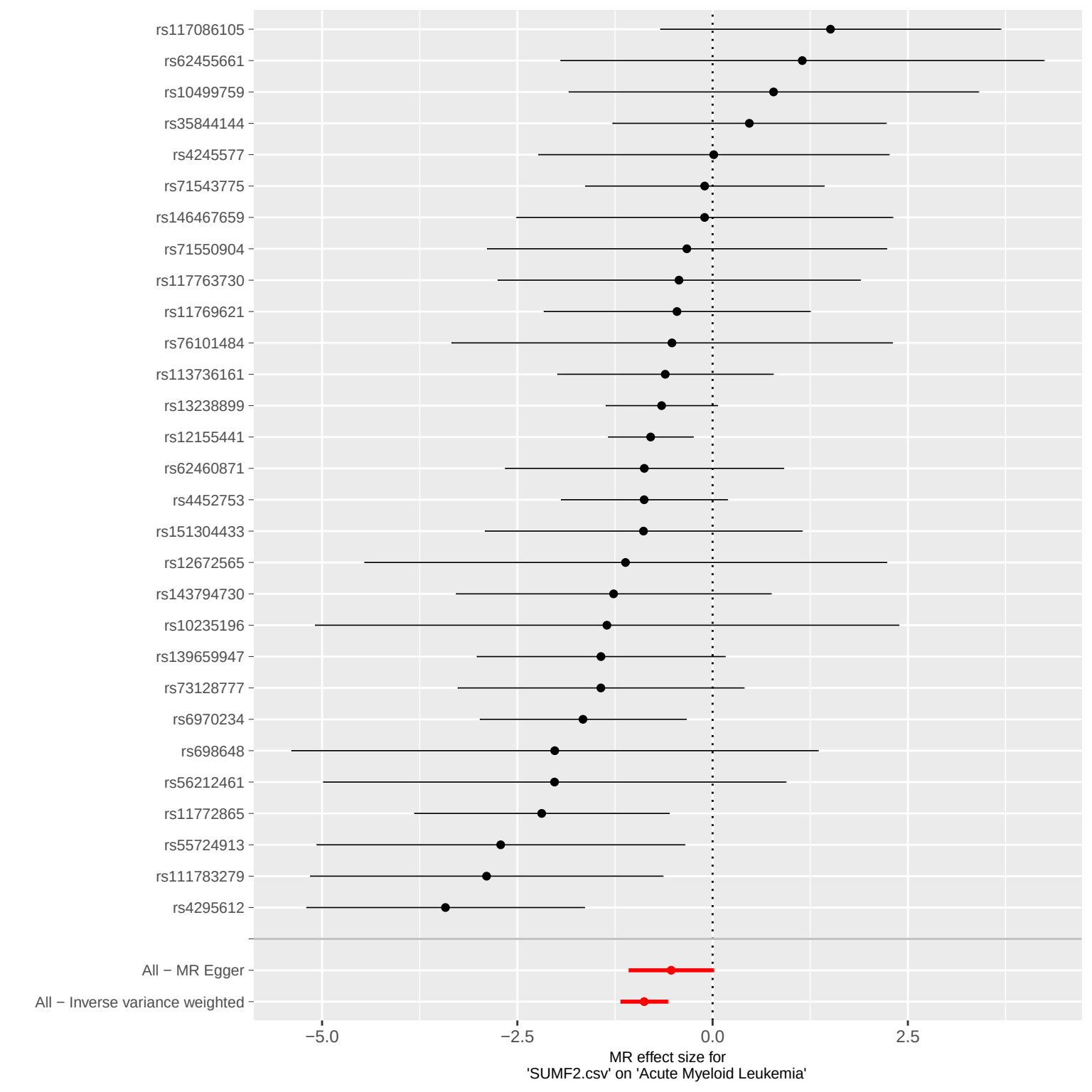
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'SULT1A2.csv' on 'Acute Myeloid Leukemia'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rs10235196
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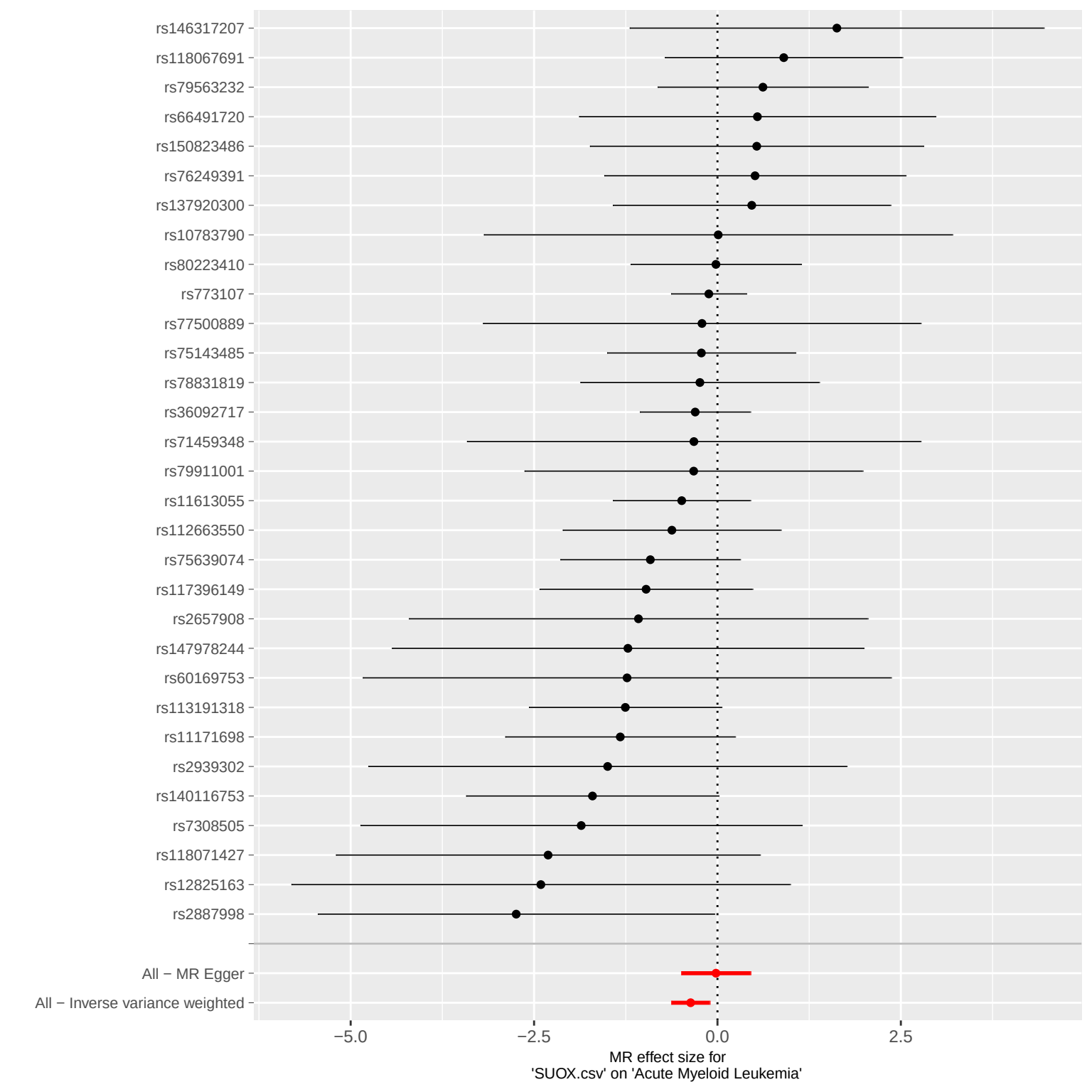
rs56212461
rs11772865
rs55724913
rs111783279
rs4295612
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SUMF2.csv' on 'Acute Myeloid Leukemia'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rs60169753
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rs11171698
rs2939302
rs140116753
rs7308505
rs118071427
rs12825163
rs2887998
All − MR Egger
All − Inverse variance weighted
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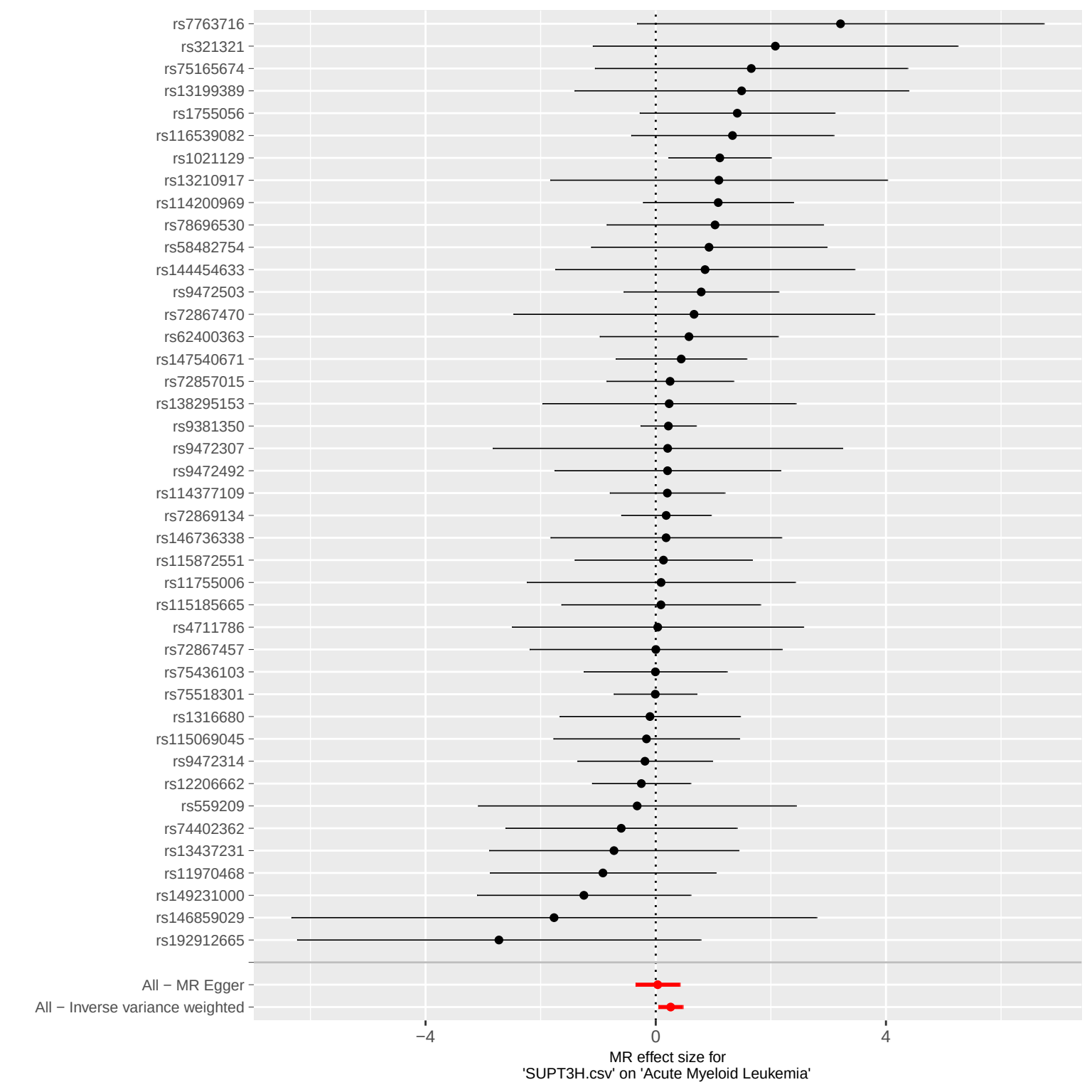
−2.5
0.0
2.5
MR effect size for
'SUOX.csv' on 'Acute Myeloid Leukemia'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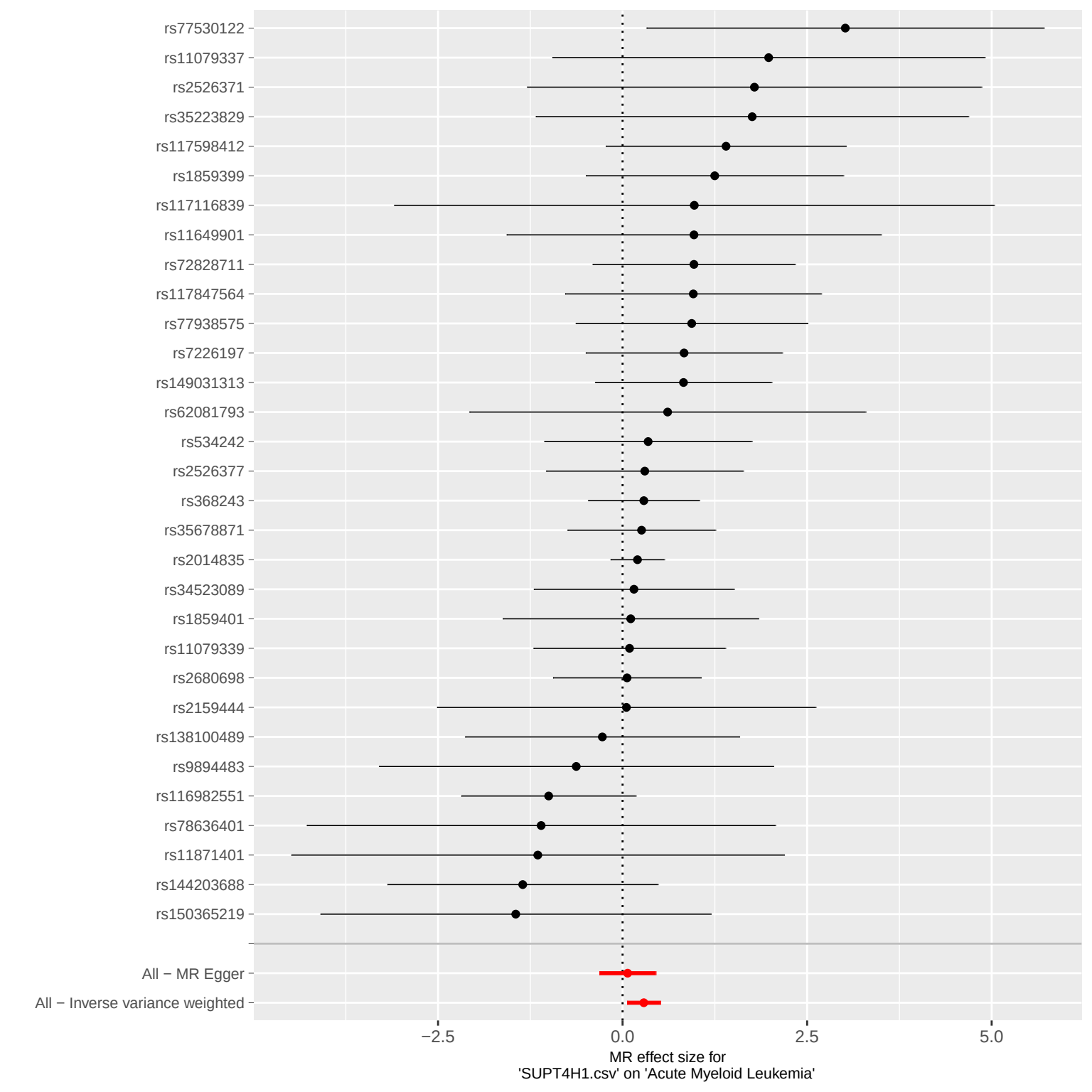
rs559209
rs74402362
rs13437231
rs11970468
rs149231000
rs146859029
rs192912665
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'SUPT3H.csv' on 'Acute Myeloid Leukemia'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rs534242
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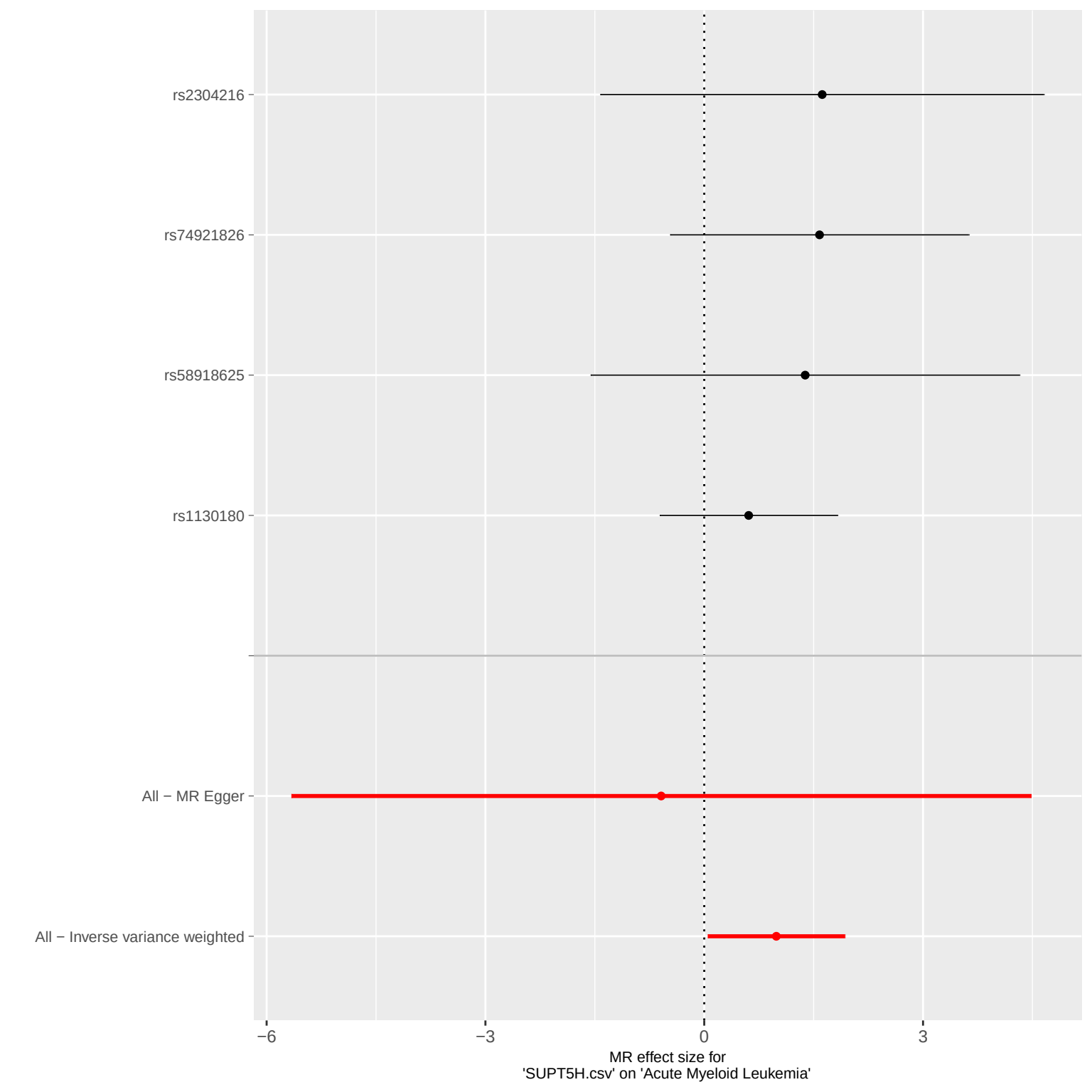
rs34523089
rs1859401
rs11079339
rs2680698
rs2159444
rs138100489
rs9894483
rs116982551
rs78636401
rs11871401
rs144203688
rs150365219
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SUPT4H1.csv' on 'Acute Myeloid Leukemia'


rs2304216
rs74921826
rs58918625
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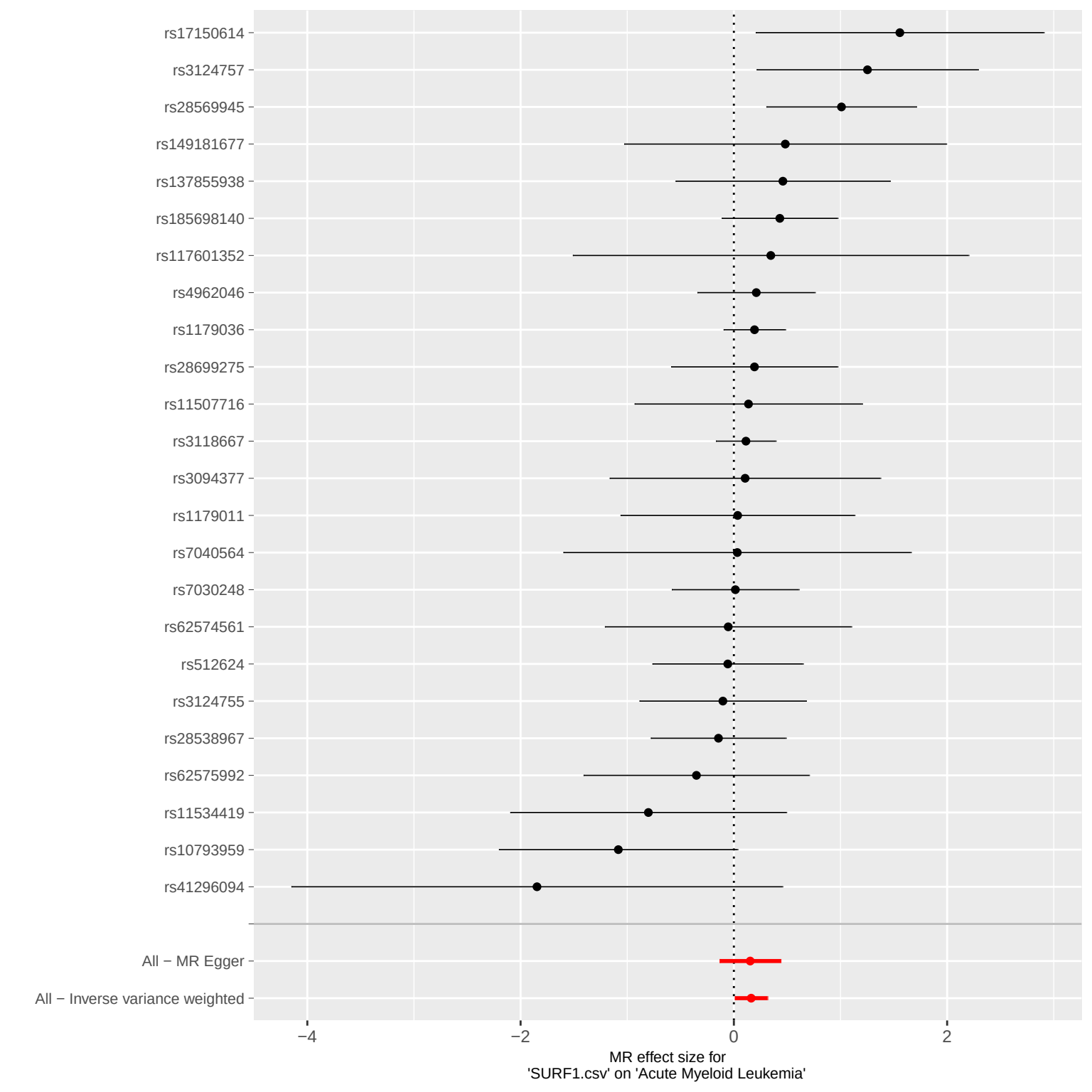
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'SUPT5H.csv' on 'Acute Myeloid Leukemia'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rs512624
rs3124755
rs28538967
rs62575992
rs11534419
rs10793959
rs41296094
All − MR Egger
All − Inverse variance weighted
−4
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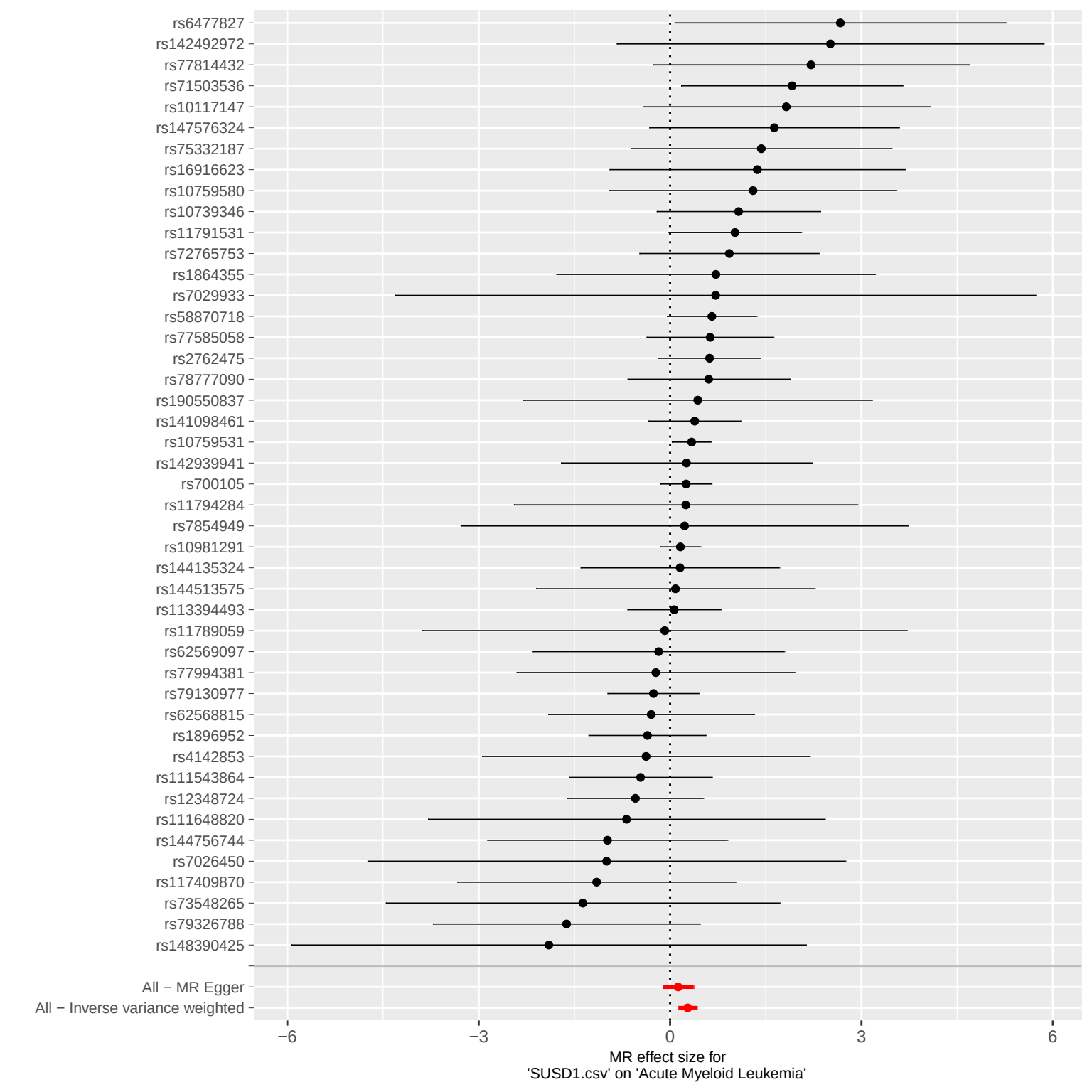
2
MR effect size for
'SURF1.csv' on 'Acute Myeloid Leukemia'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rs12348724
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rs7026450
rs117409870
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rs79326788
rs148390425
All − MR Egger
All − Inverse variance weighted
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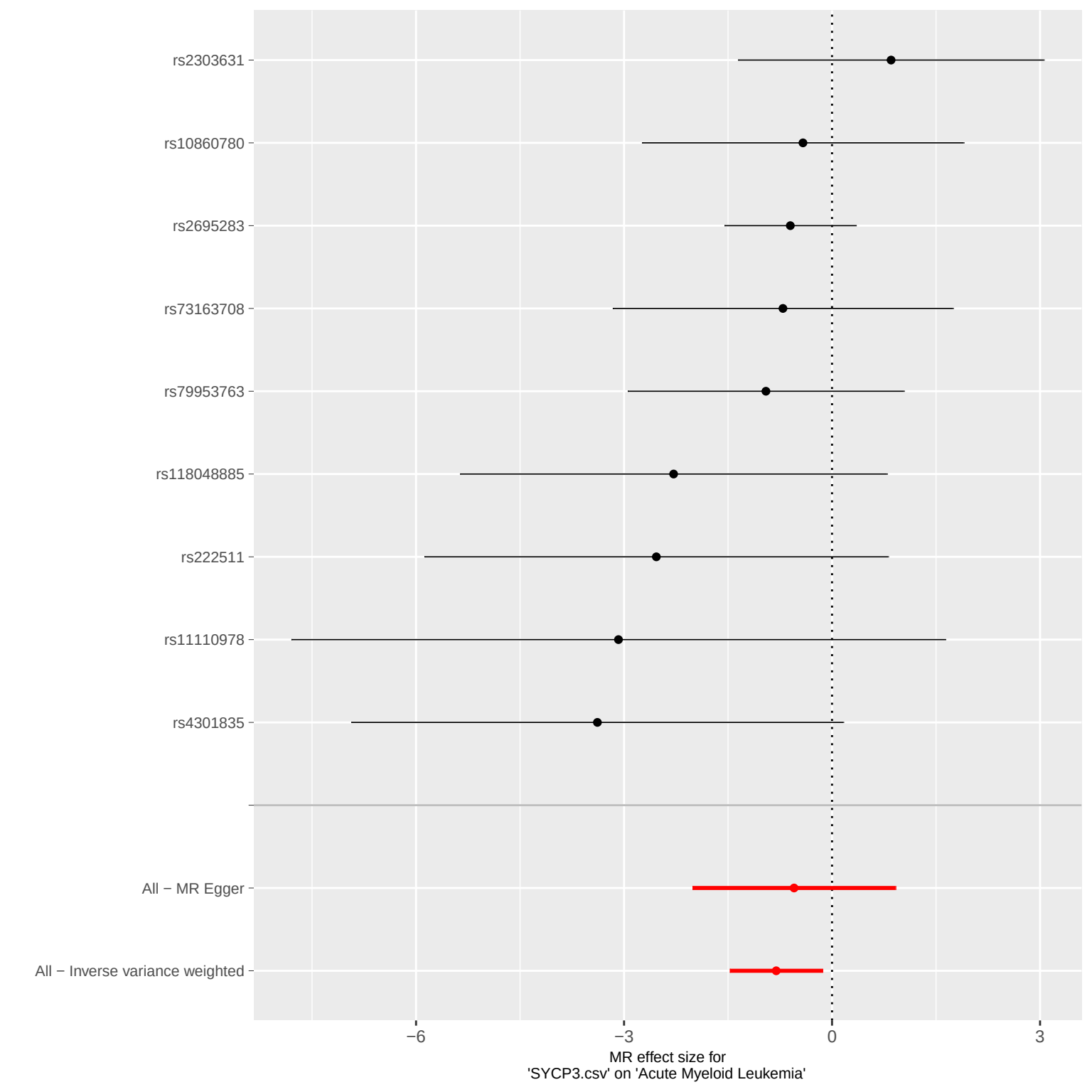
MR effect size for
'SUSD1.csv' on 'Acute Myeloid Leukemia'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rs10860780
rs2695283
rs73163708
rs79953763
rs118048885
rs222511
rs11110978
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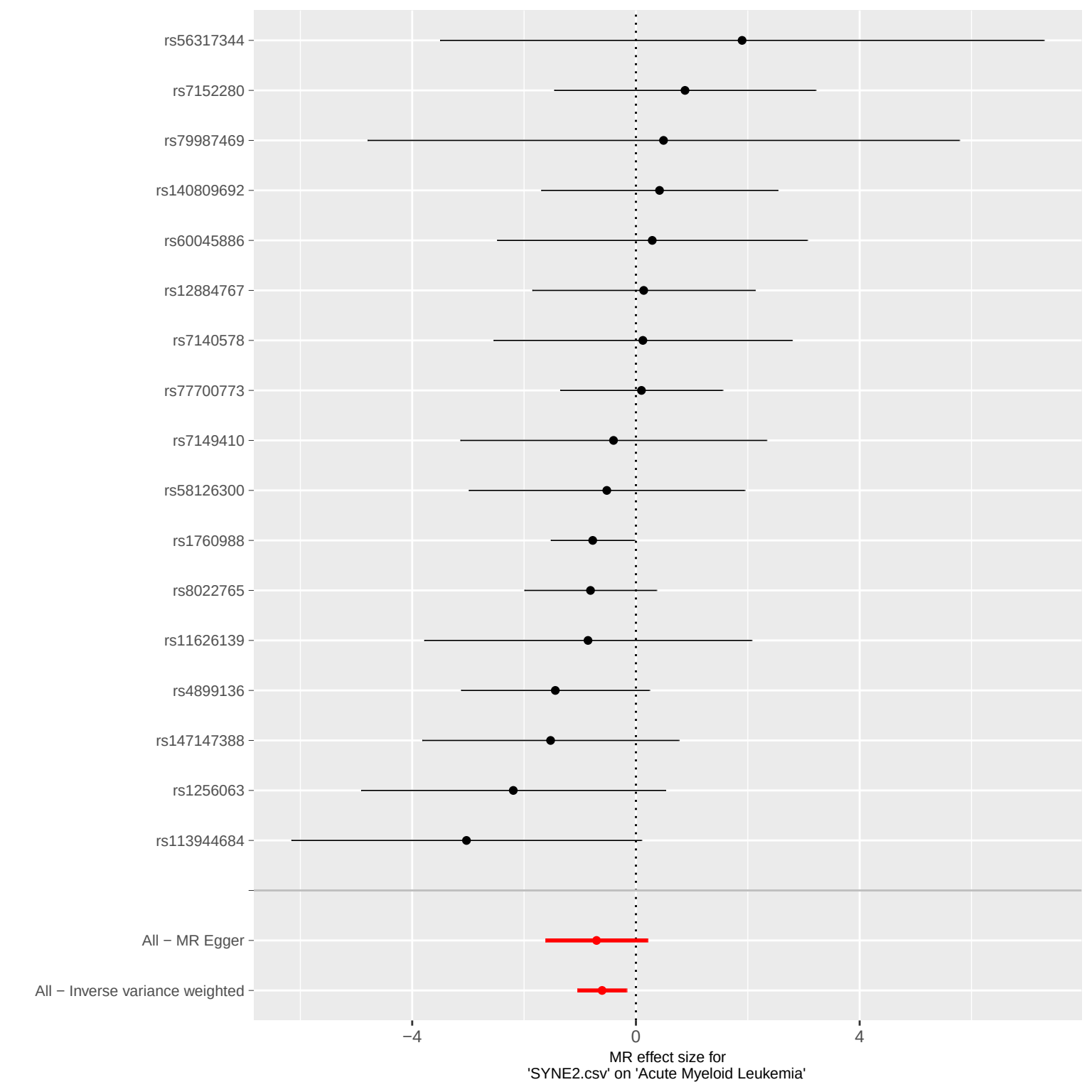
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'SYCP3.csv' on 'Acute Myeloid Leukemia'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rs1760988
rs8022765
rs11626139
rs4899136
rs147147388
rs1256063
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All − MR Egger
All − Inverse variance weighted
−4
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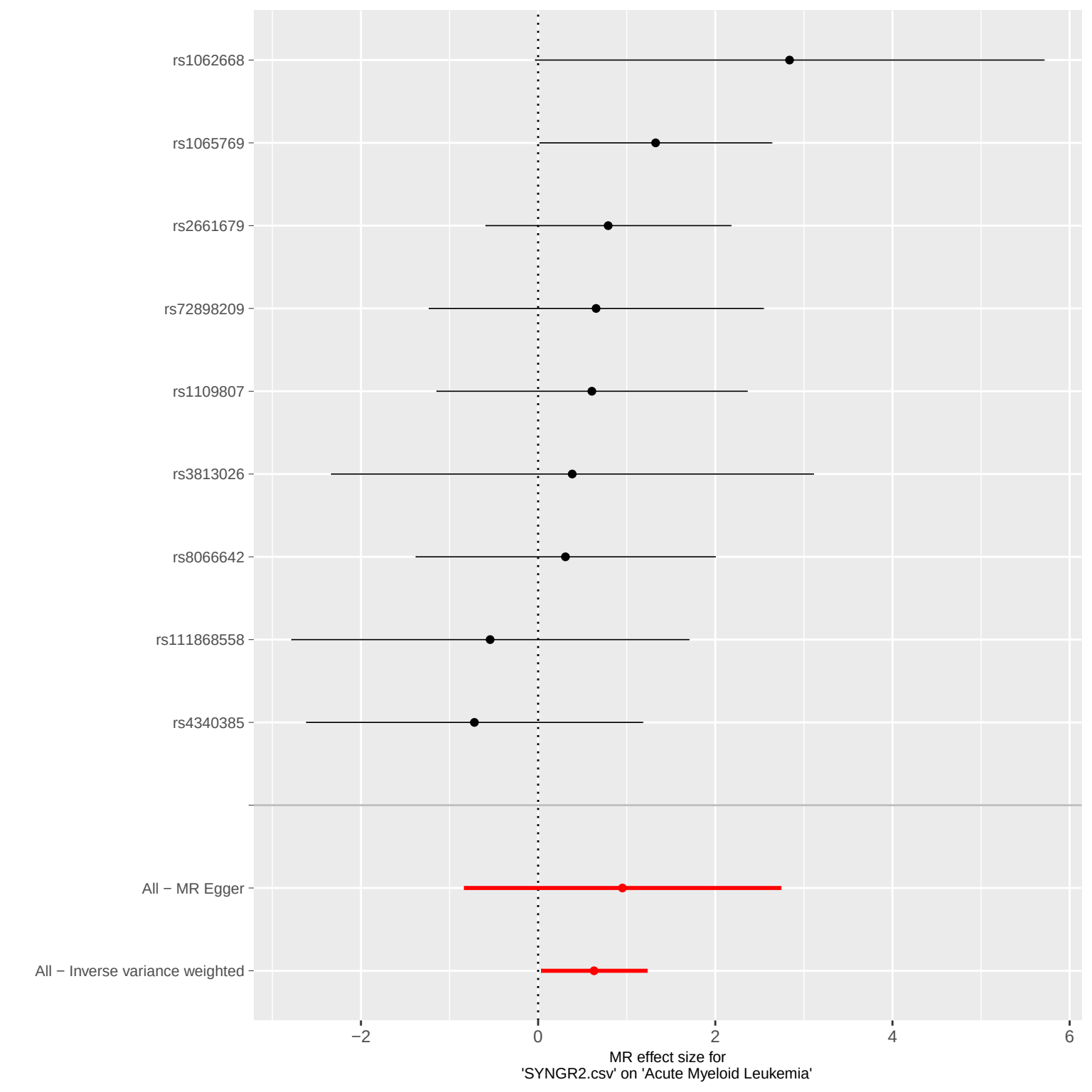
4
MR effect size for
'SYNE2.csv' on 'Acute Myeloid Leukemia'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rs3813026
rs8066642
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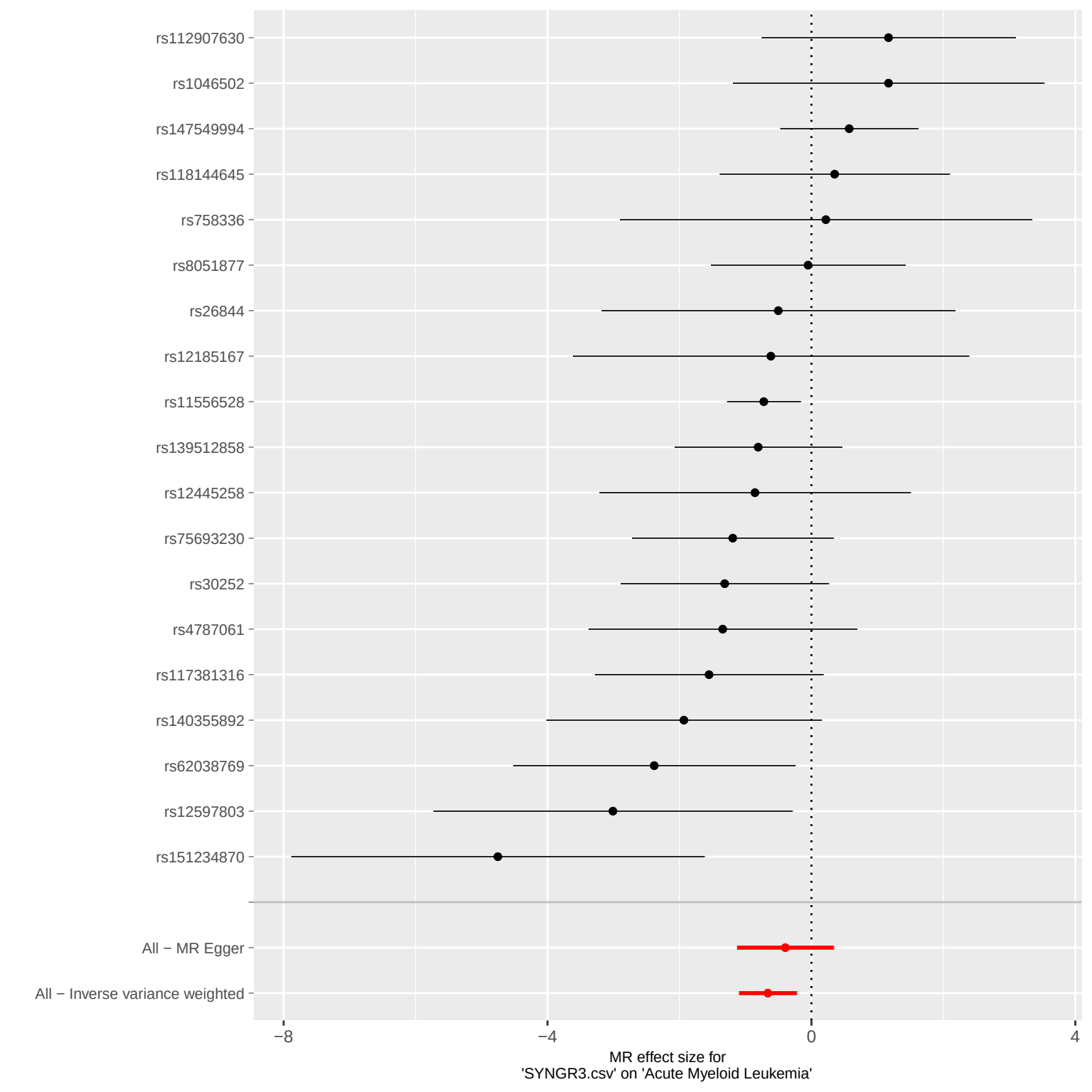
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'SYNGR2.csv' on 'Acute Myeloid Leukemia'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rs30252
rs4787061
rs117381316
rs140355892
rs62038769
rs12597803
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All − MR Egger
All − Inverse variance weighted
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−4
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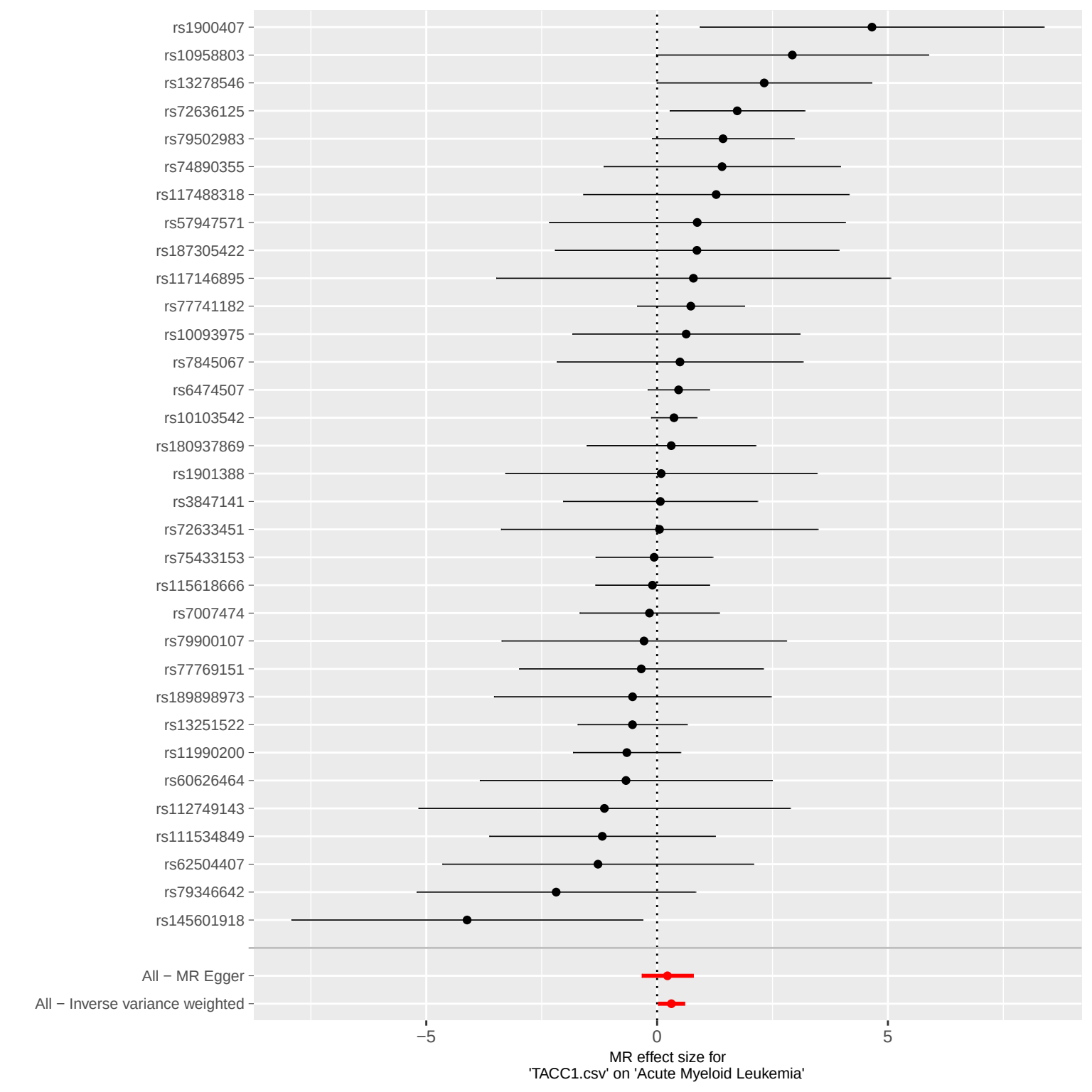
MR effect size for
'SYNGR3.csv' on 'Acute Myeloid Leukemia'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rs79900107
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rs189898973
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rs11990200
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rs79346642
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All − MR Egger
All − Inverse variance weighted
−5
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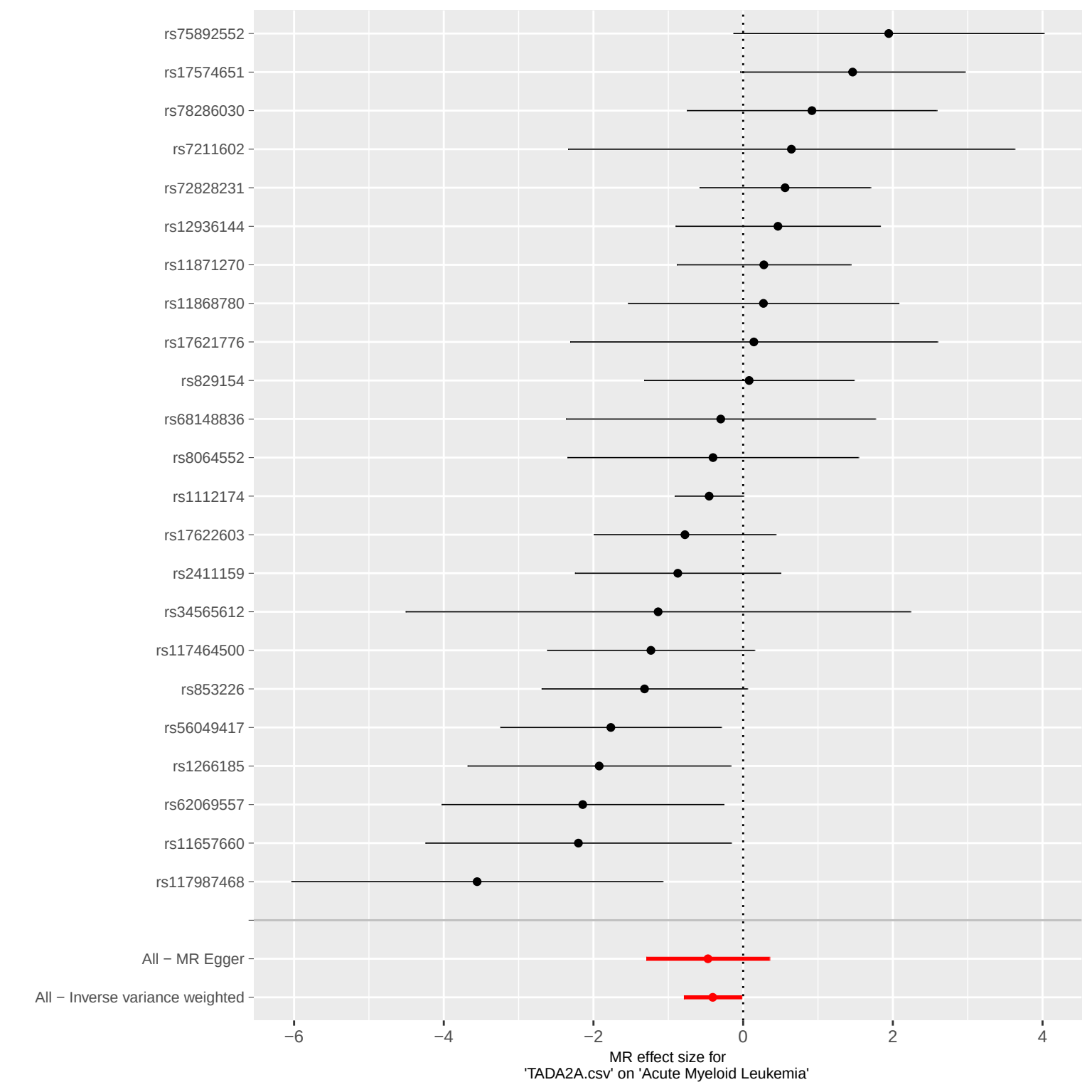
5
MR effect size for
'TACC1.csv' on 'Acute Myeloid Leukemia'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rs34565612
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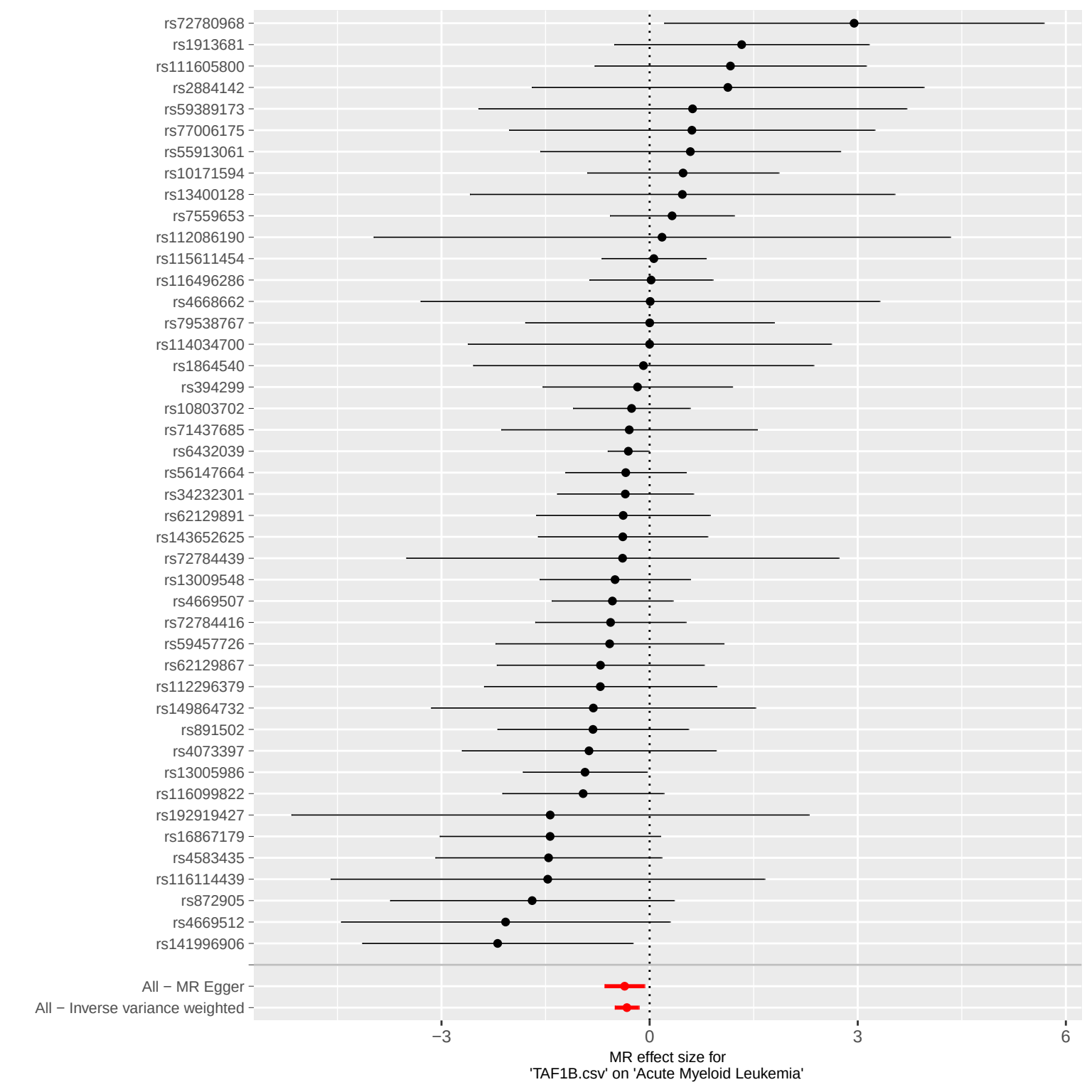
rs853226
rs56049417
rs1266185
rs62069557
rs11657660
rs117987468
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'TADA2A.csv' on 'Acute Myeloid Leukemia'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rs4583435
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rs872905
rs4669512
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All − MR Egger
All − Inverse variance weighted
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3
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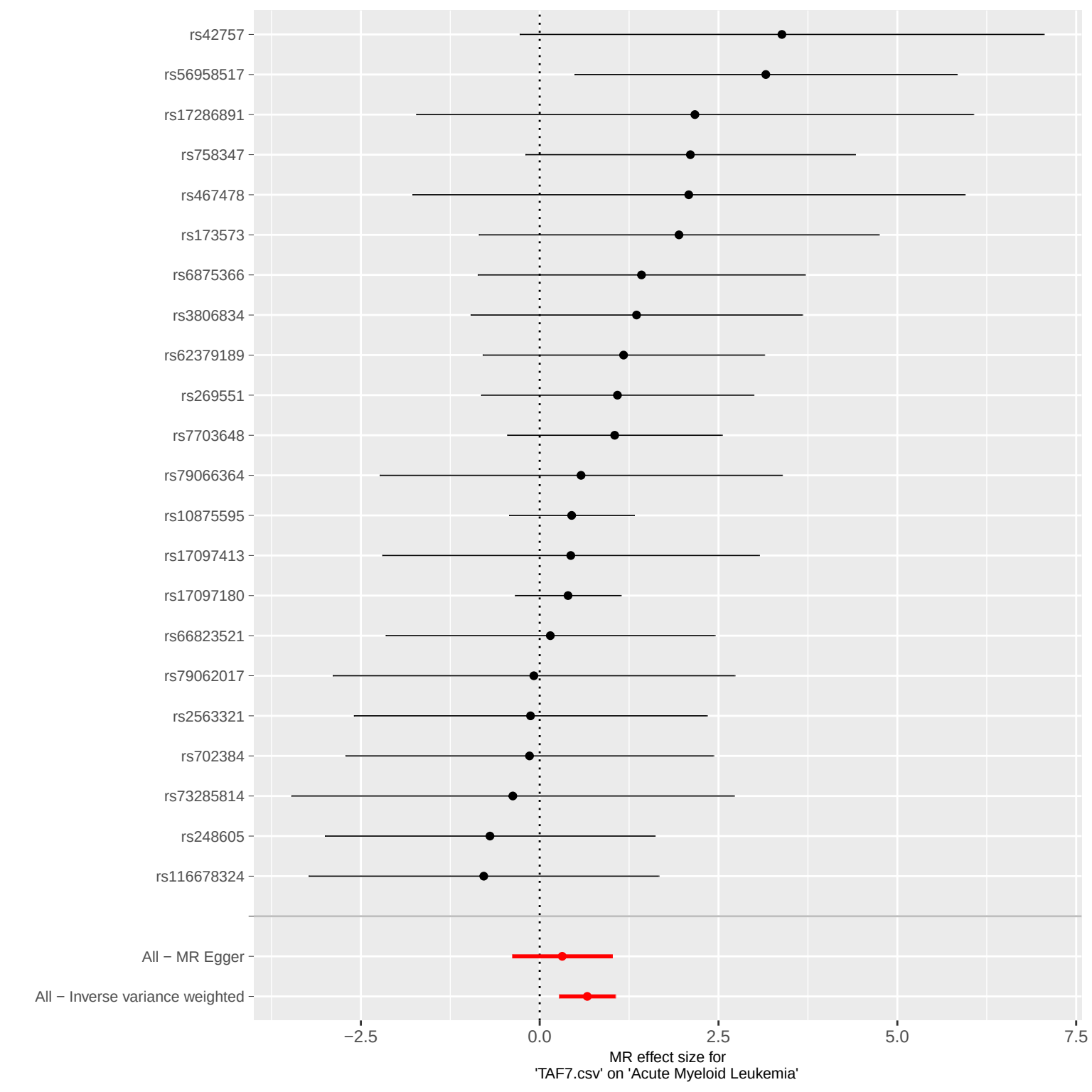
MR effect size for
'TAF1B.csv' on 'Acute Myeloid Leukemia'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rs10875595
rs17097413
rs17097180
rs66823521
rs79062017
rs2563321
rs702384
rs73285814
rs248605
rs116678324
All − MR Egger
All − Inverse variance weighted
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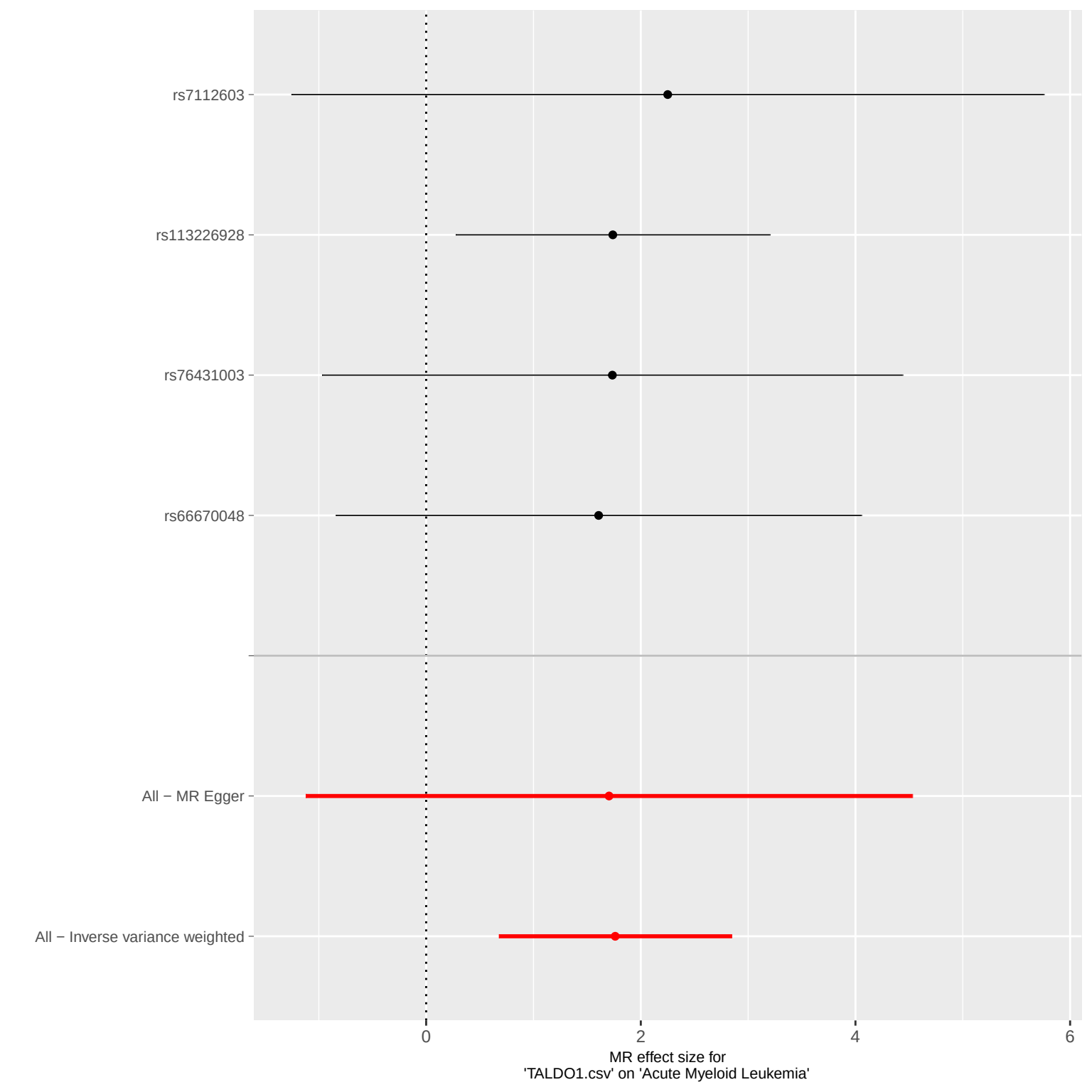
0.0
2.5
5.0
7.5
MR effect size for
'TAF7.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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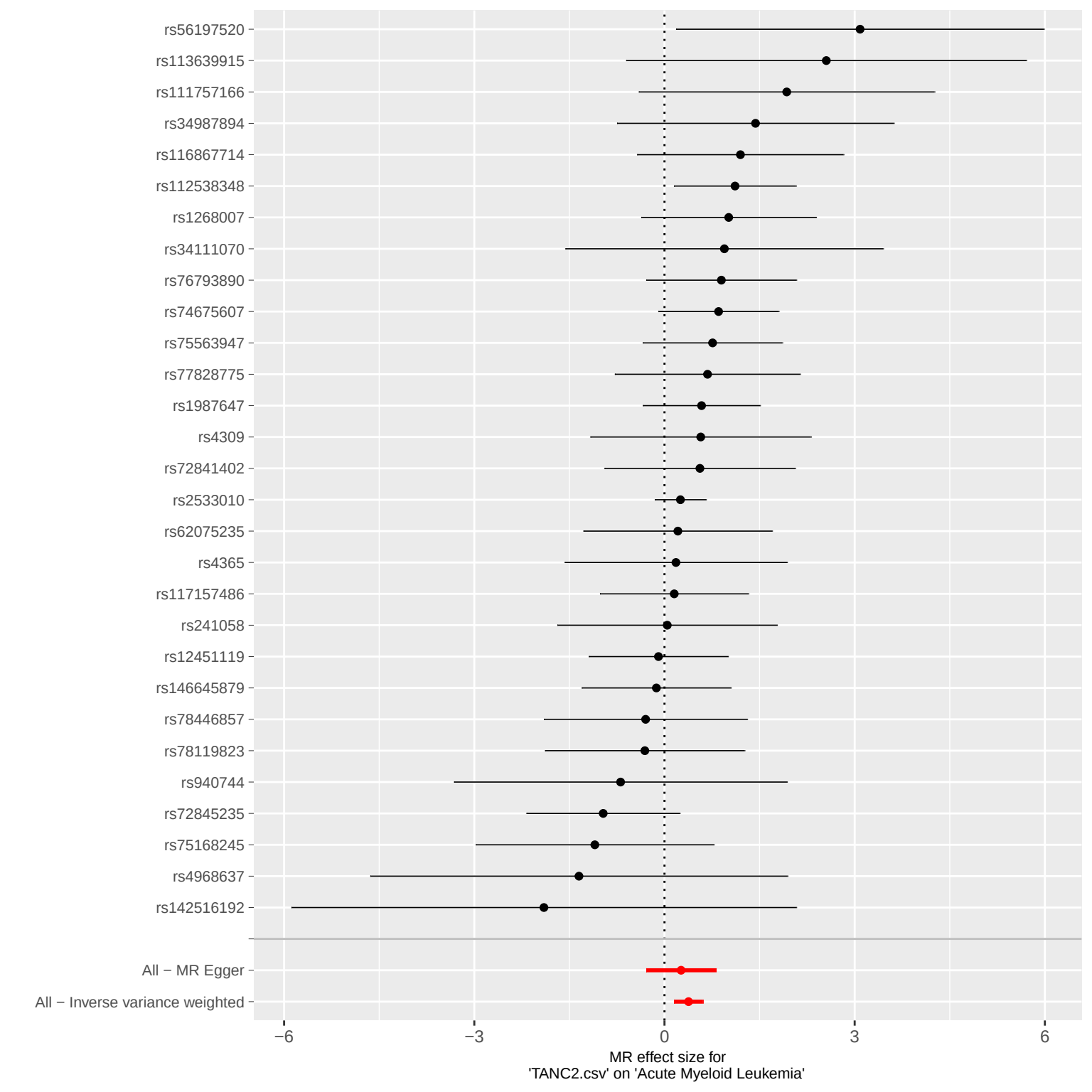
4
6
MR effect size for
'TALDO1.csv' on 'Acute Myeloid Leukemia'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rs1987647
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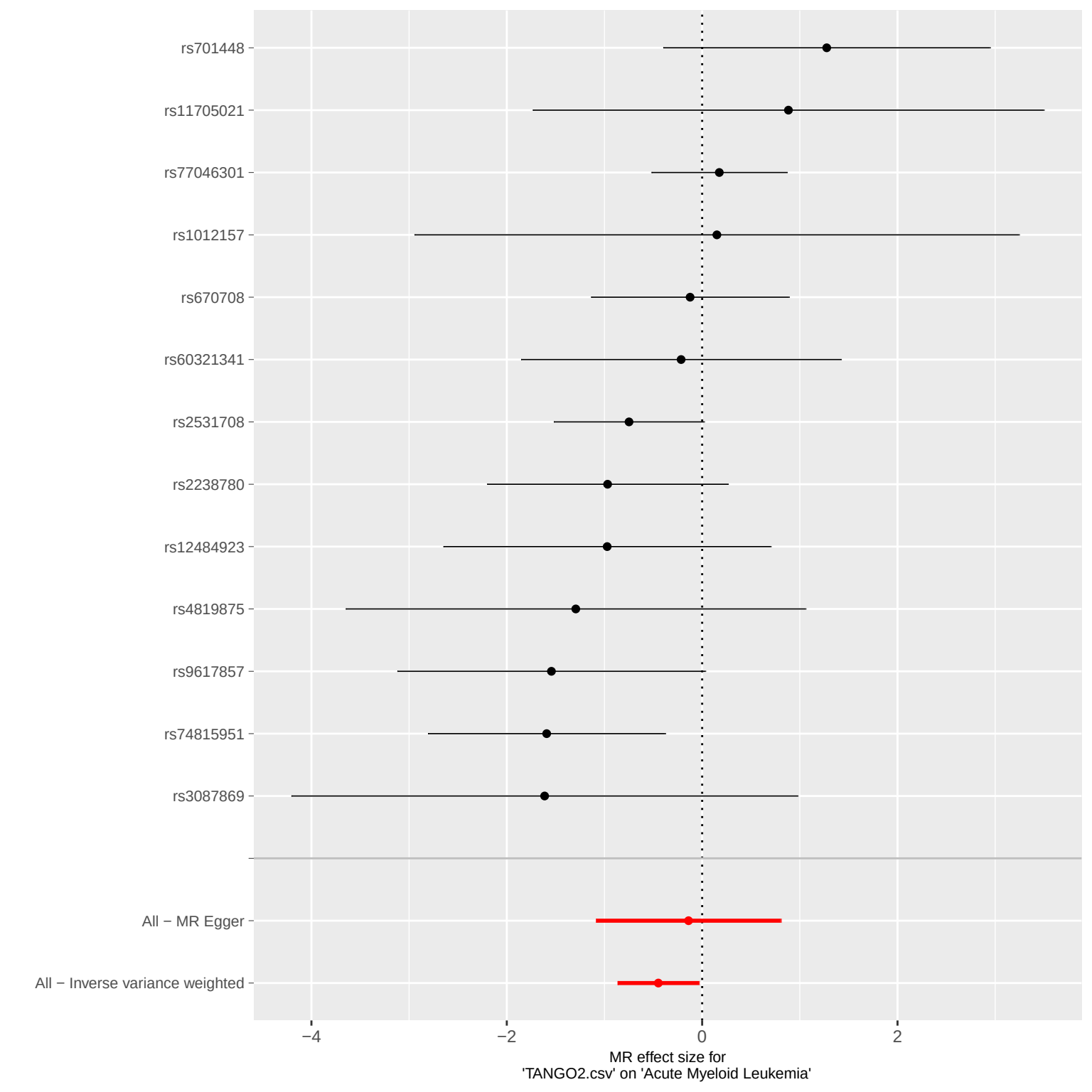
rs72841402
rs2533010
rs62075235
rs4365
rs117157486
rs241058
rs12451119
rs146645879
rs78446857
rs78119823
rs940744
rs72845235
rs75168245
rs4968637
rs142516192
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TANC2.csv' on 'Acute Myeloid Leukemia'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rs2531708
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rs9617857
rs74815951
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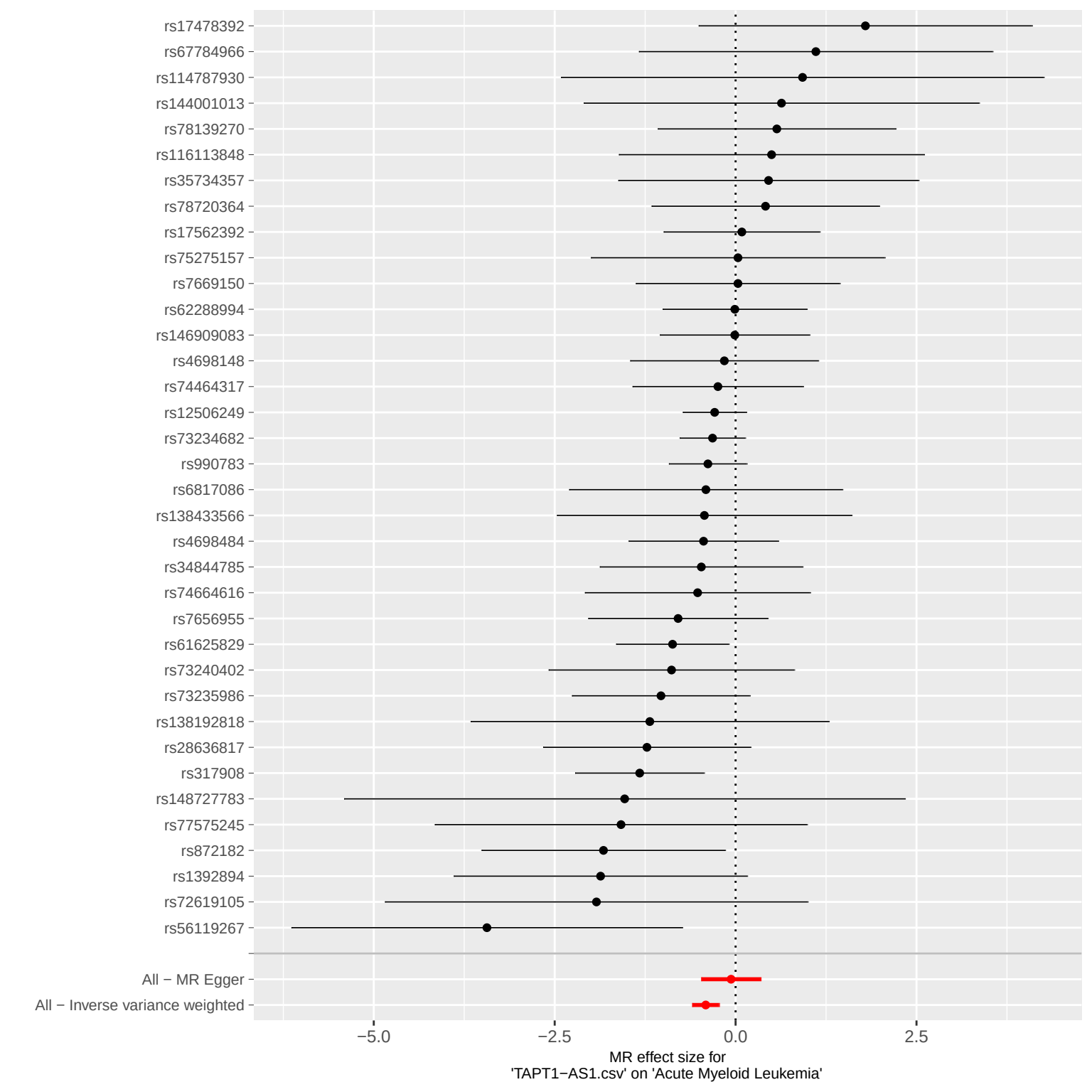
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TANGO2.csv' on 'Acute Myeloid Leukemia'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rs317908
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rs77575245
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All − MR Egger
All − Inverse variance weighted
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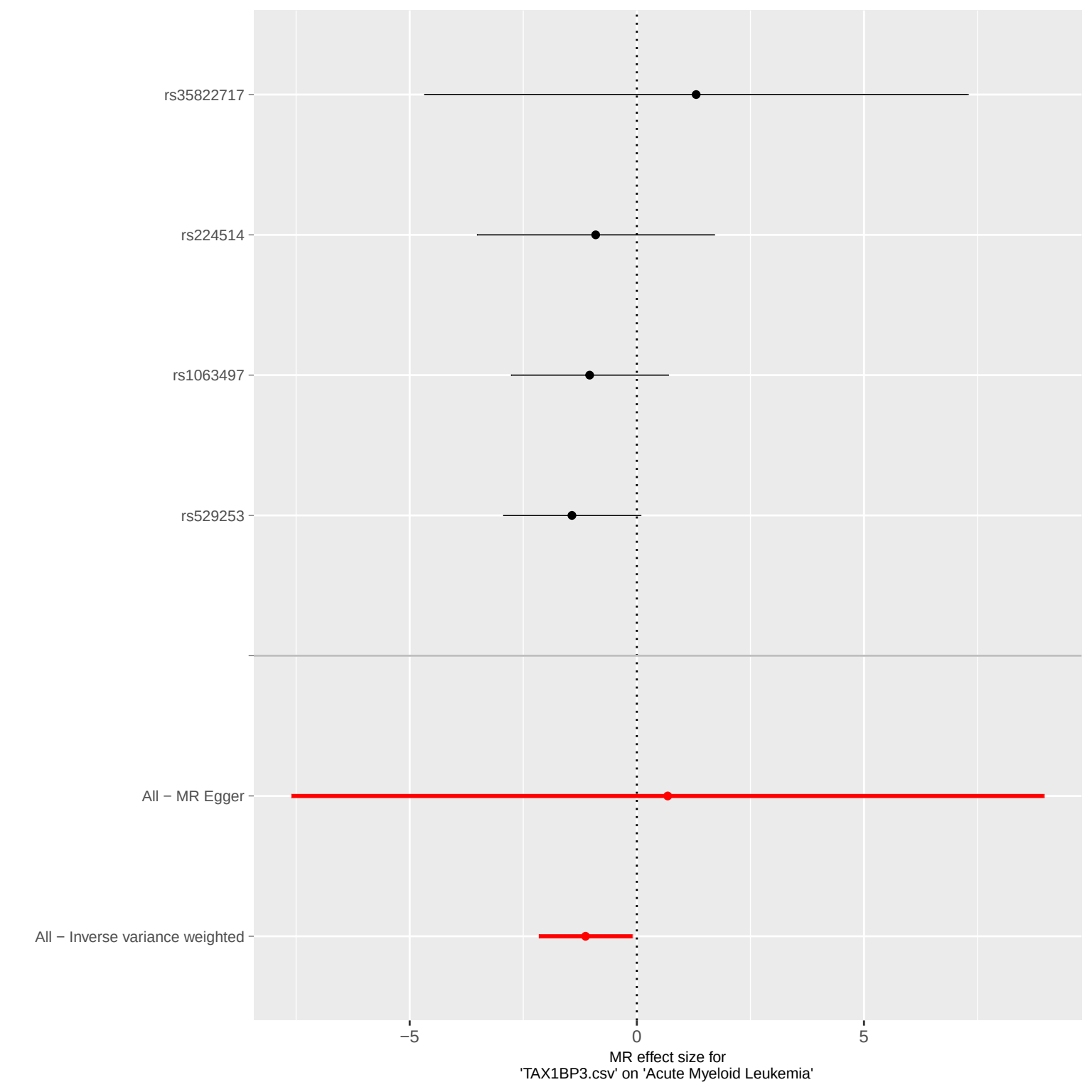
−2.5
0.0
2.5
MR effect size for
'TAPT1−AS1.csv' on 'Acute Myeloid Leukemia'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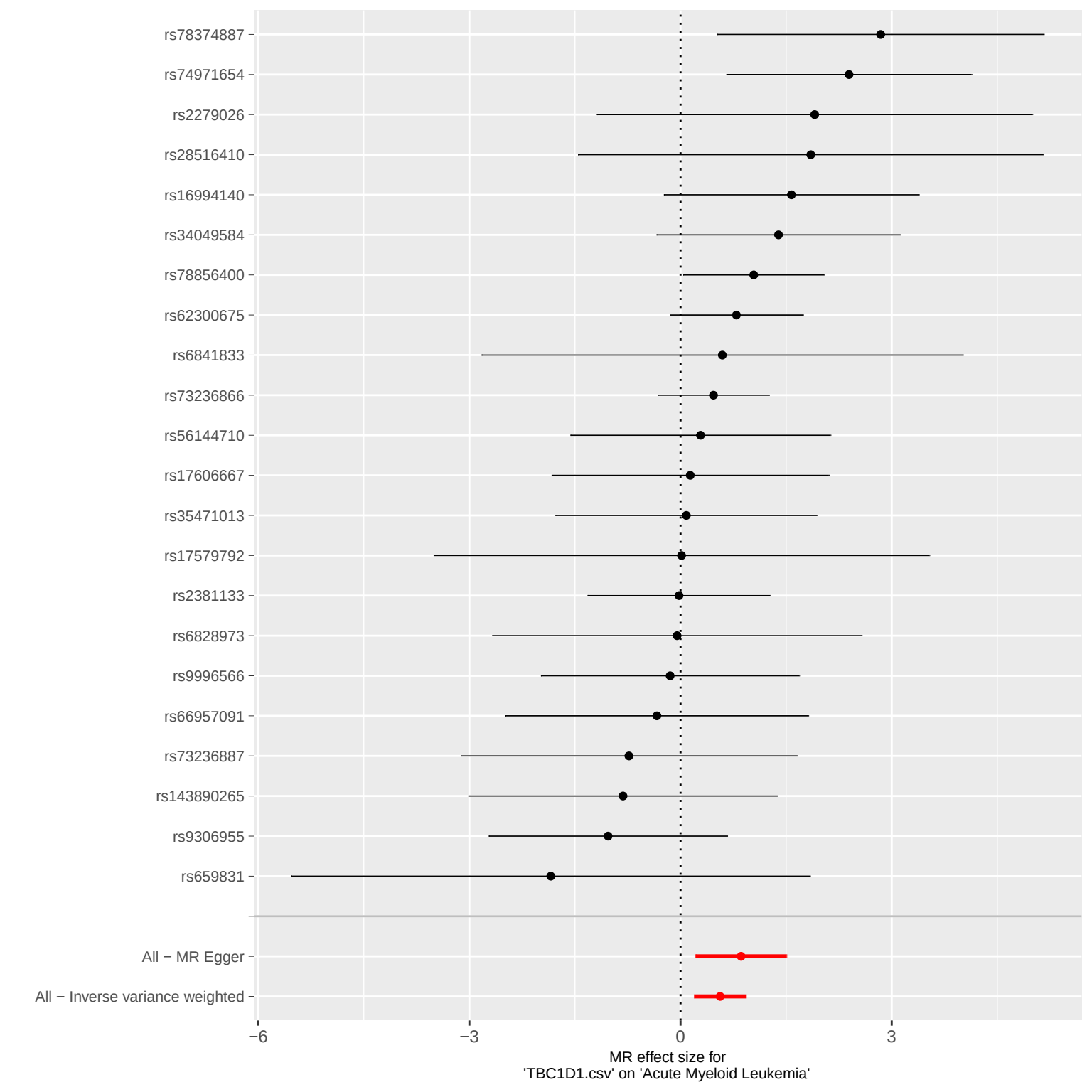
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TAX1BP3.csv' on 'Acute Myeloid Leukemia'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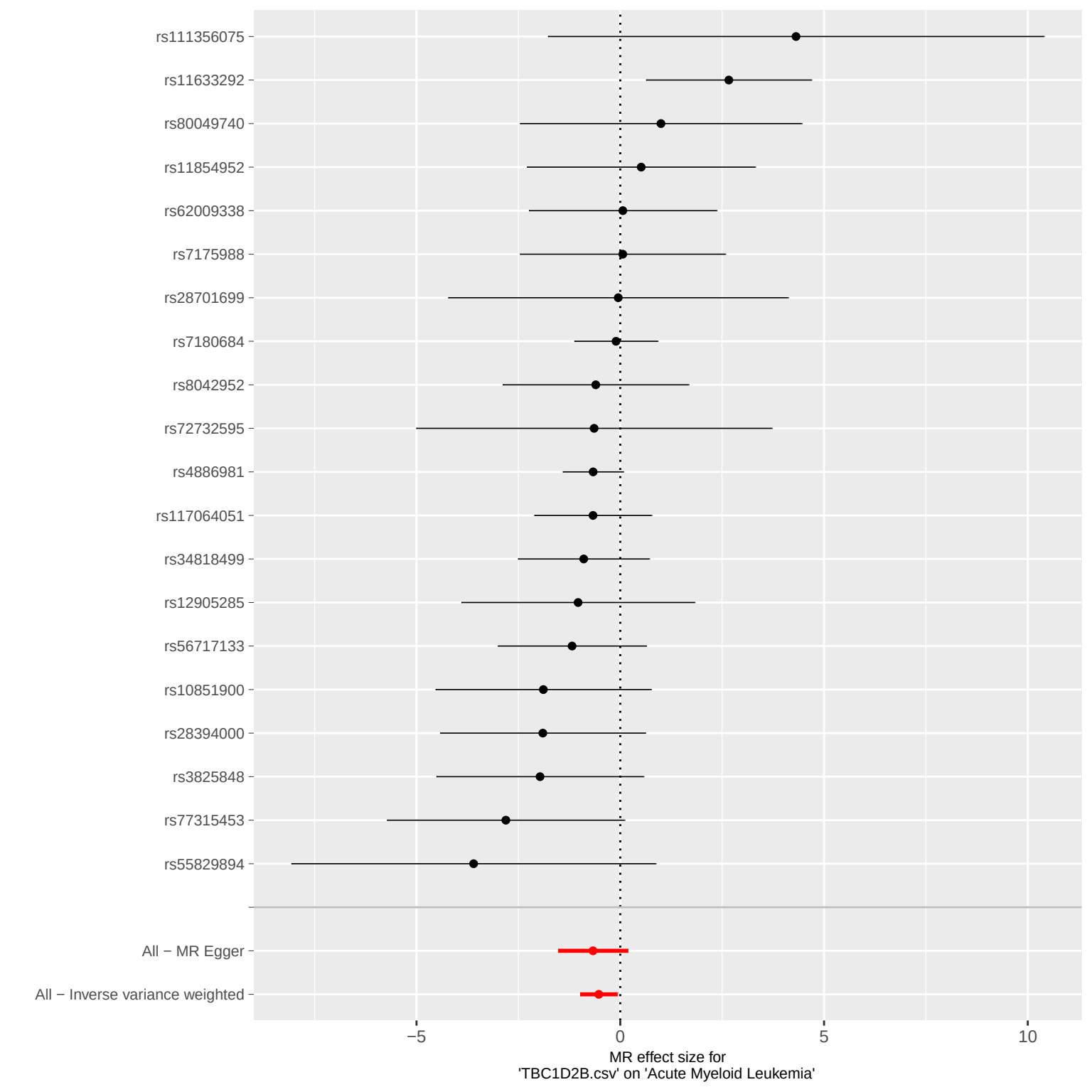
rs17606667
rs35471013
rs17579792
rs2381133
rs6828973
rs9996566
rs66957091
rs73236887
rs143890265
rs9306955
rs659831
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'TBC1D1.csv' on 'Acute Myeloid Leukemia'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rs4886981
rs117064051
rs34818499
rs12905285
rs56717133
rs10851900
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rs3825848
rs77315453
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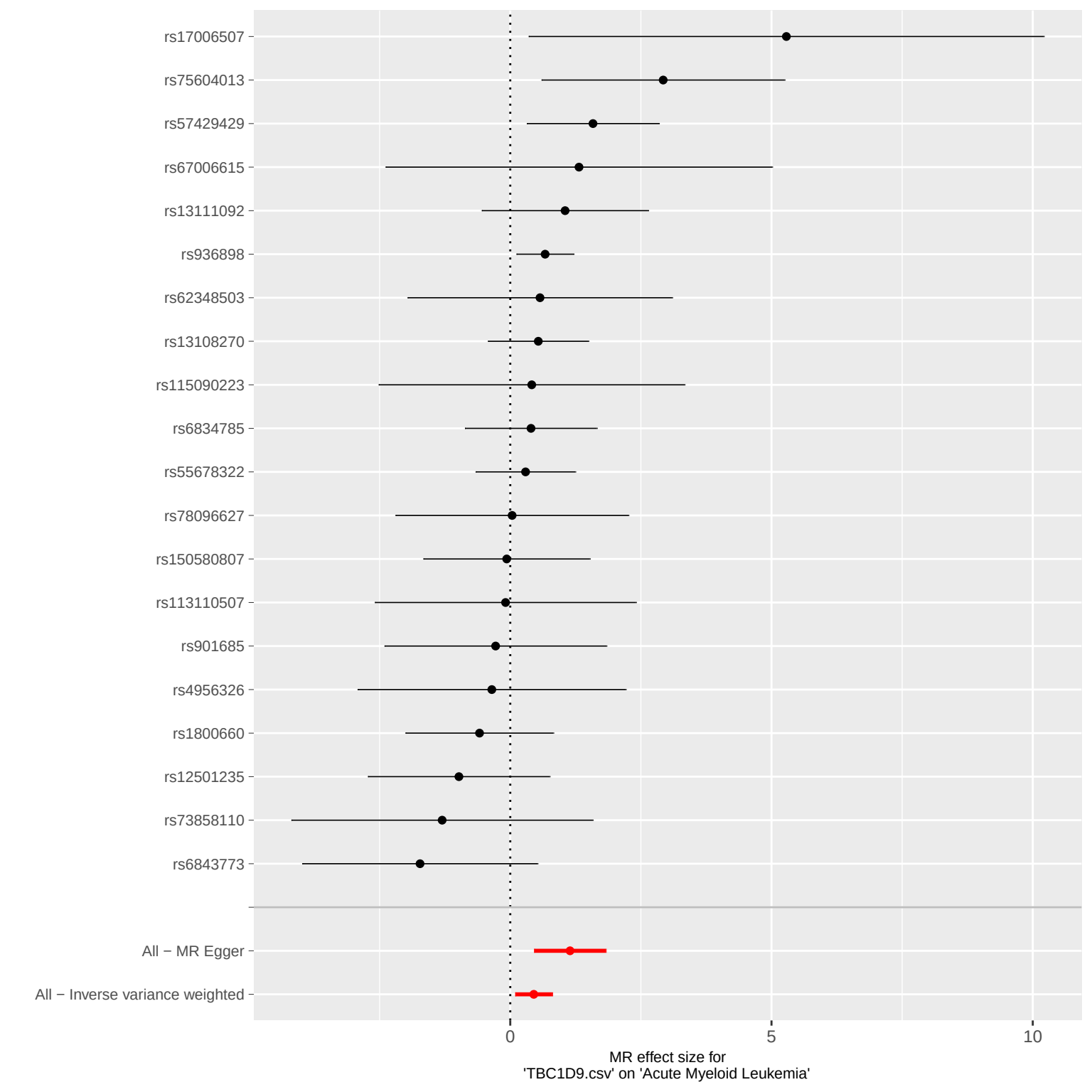
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'TBC1D2B.csv' on 'Acute Myeloid Leukemia'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rs901685
rs4956326
rs1800660
rs12501235
rs73858110
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All − Inverse variance weighted
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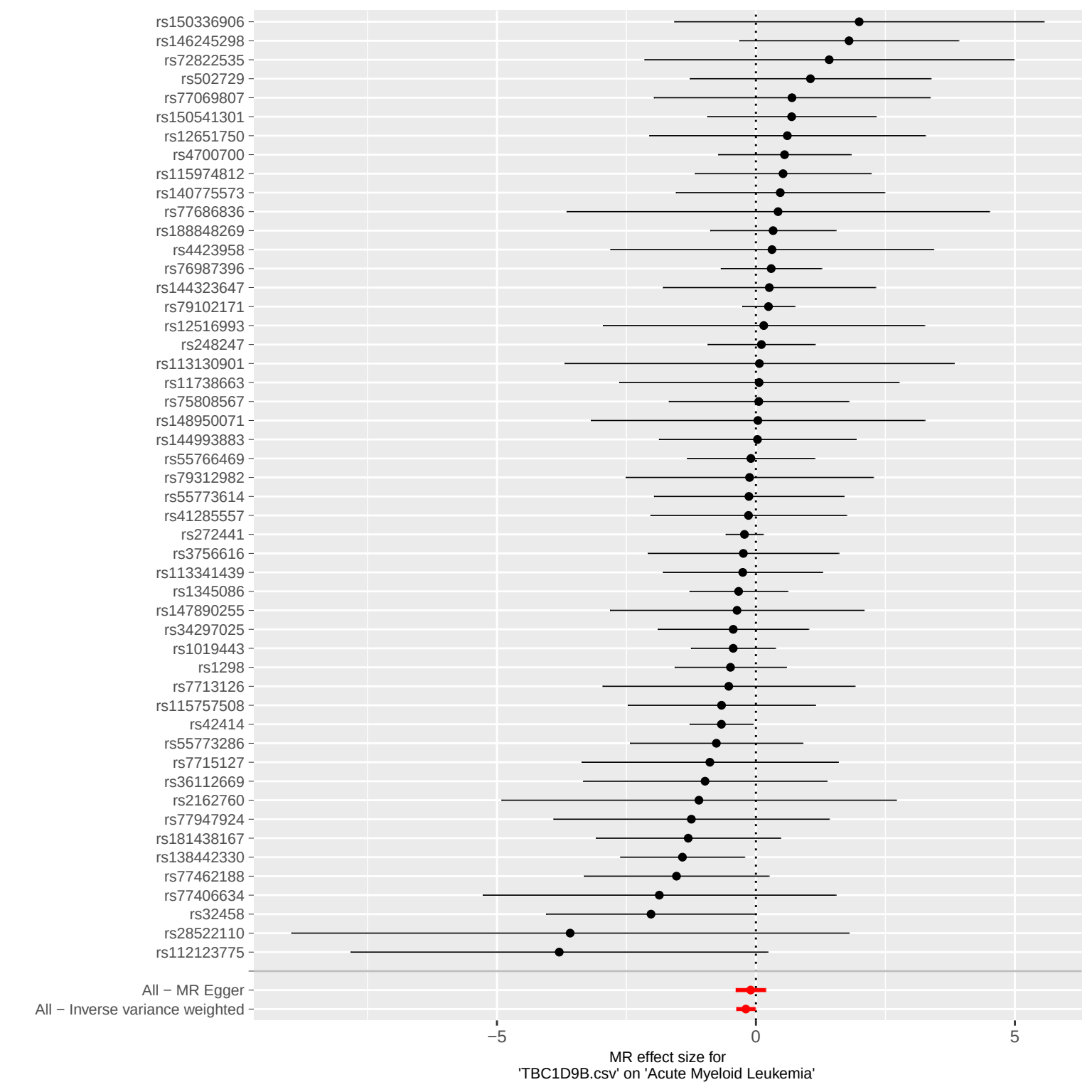
10
MR effect size for
'TBC1D9.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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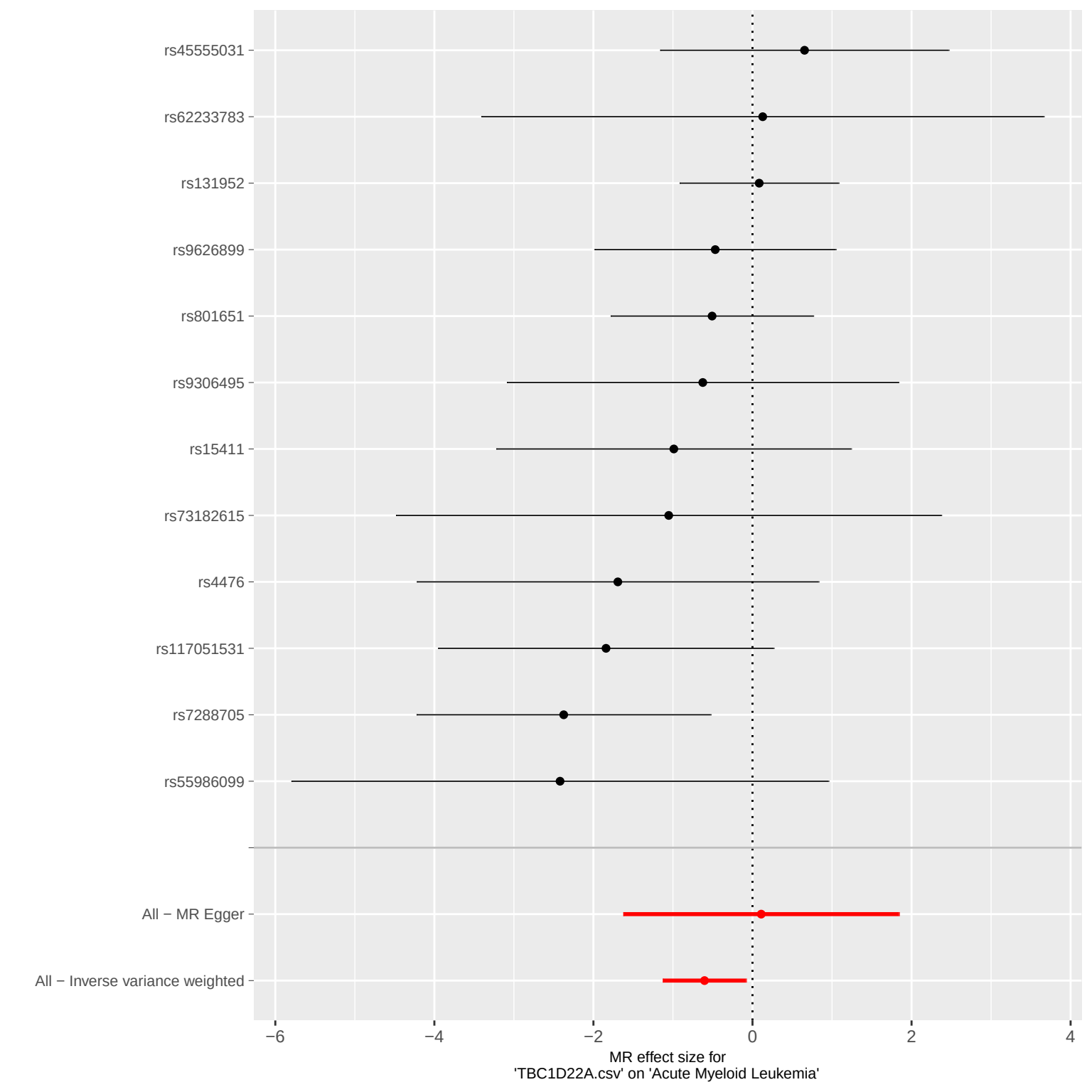
MR effect size for
'TBC1D9B.csv' on 'Acute Myeloid Leukemia'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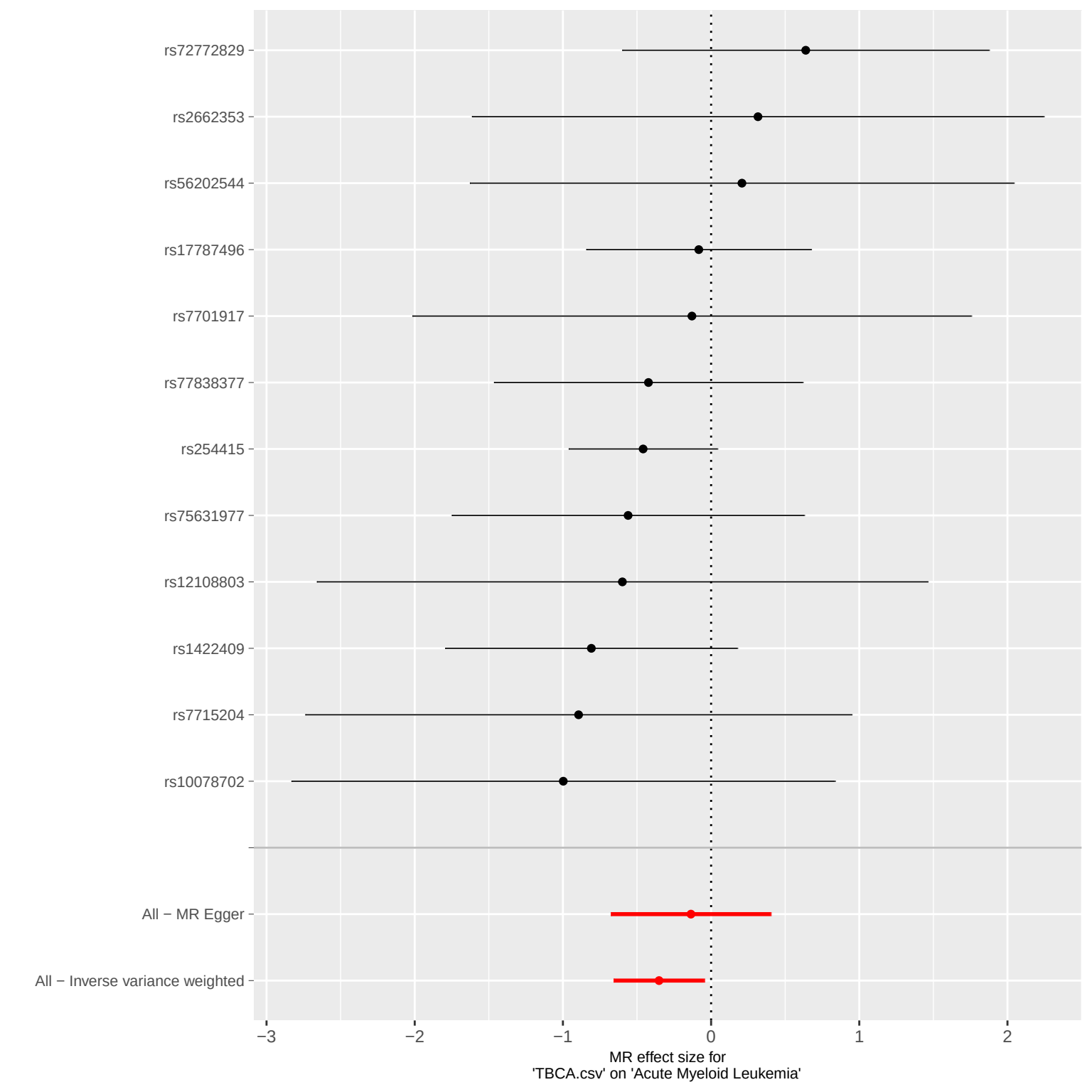
rs117051531
rs7288705
rs55986099
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'TBC1D22A.csv' on 'Acute Myeloid Leukemia'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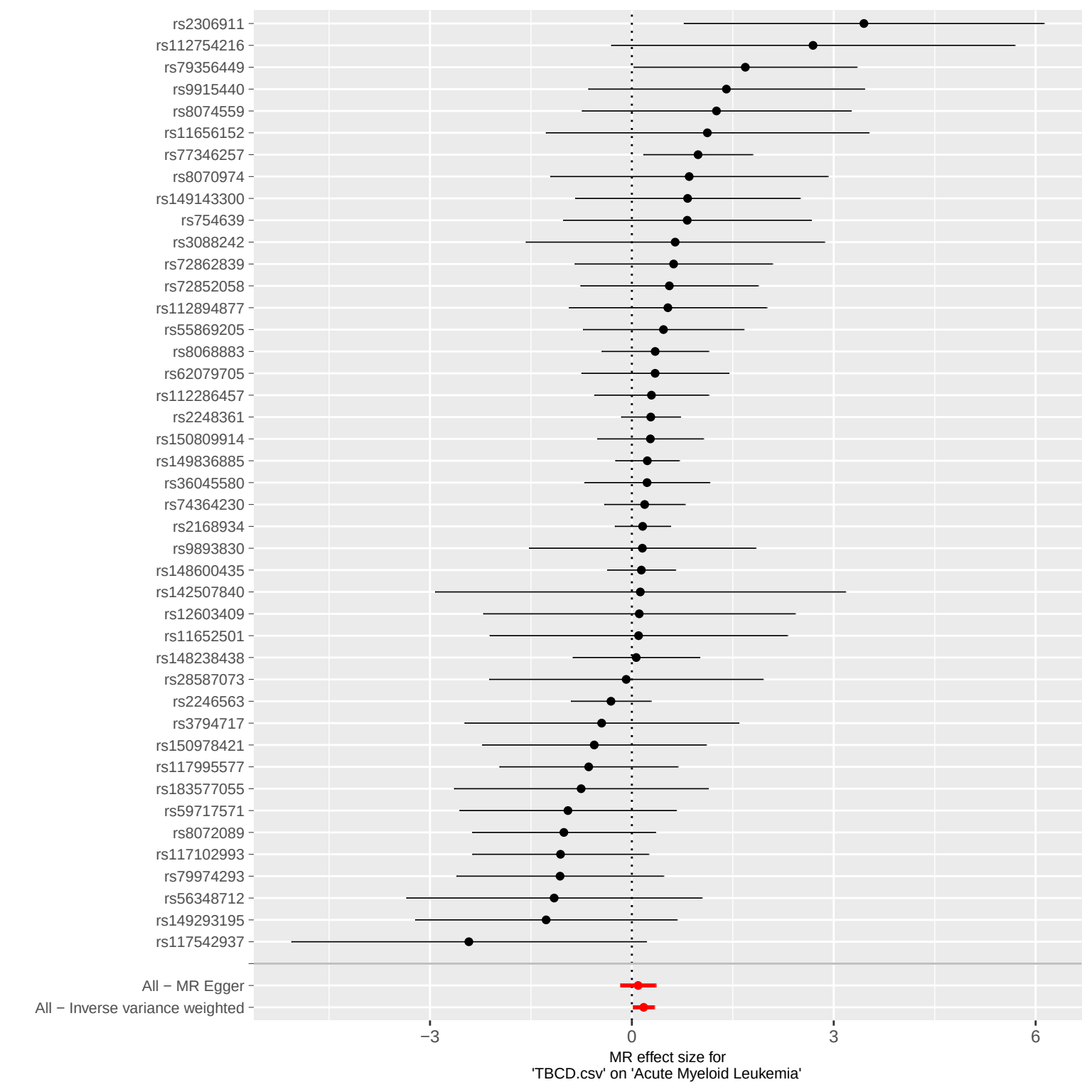
rs10078702
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'TBCA.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−3
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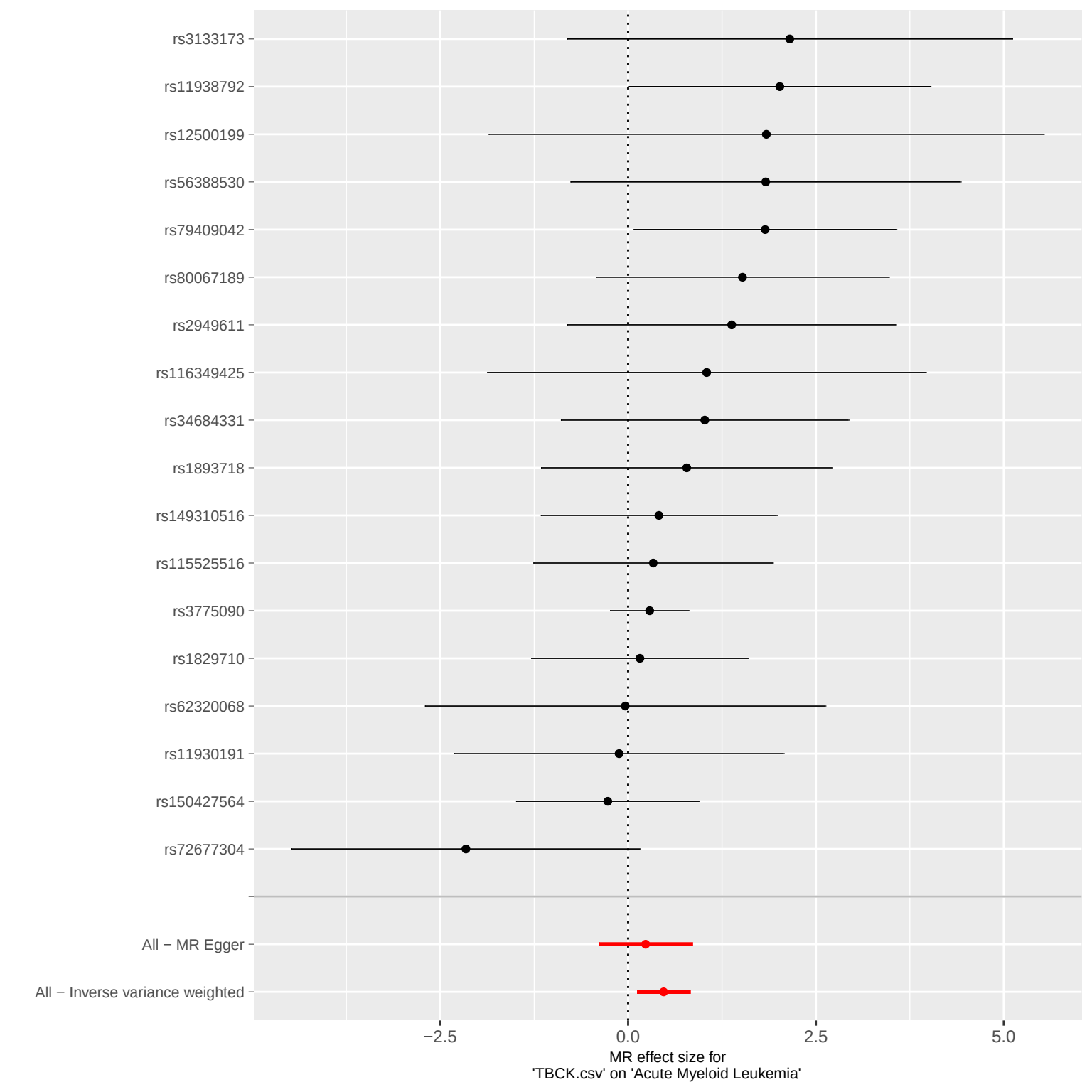
3
6
MR effect size for
'TBCD.csv' on 'Acute Myeloid Leukemia'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rs115525516
rs3775090
rs1829710
rs62320068
rs11930191
rs150427564
rs72677304
All − MR Egger
All − Inverse variance weighted
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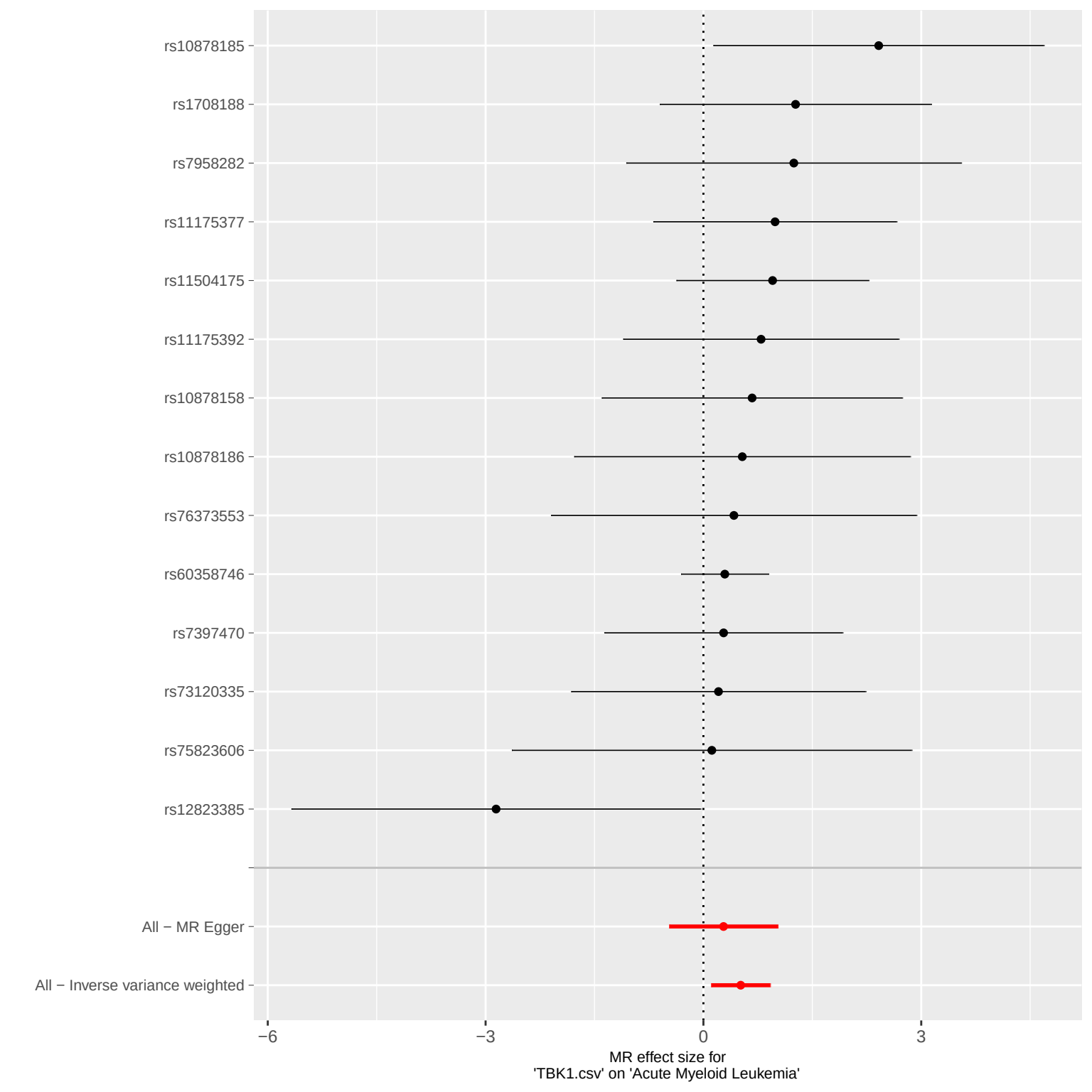
0.0
2.5
5.0
MR effect size for
'TBCK.csv' on 'Acute Myeloid Leukemia'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rs7397470
rs73120335
rs75823606
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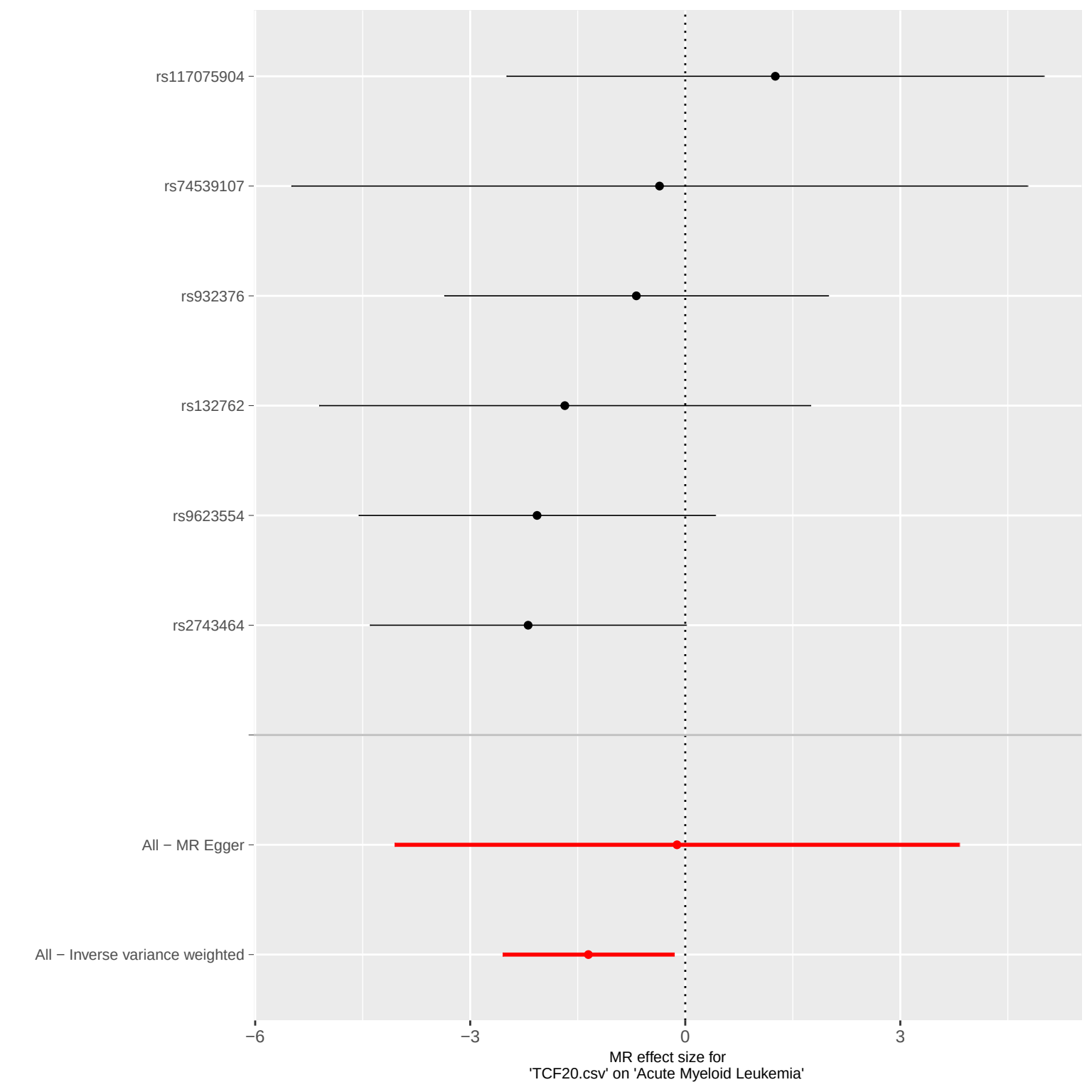
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'TBK1.csv' on 'Acute Myeloid Leukemia'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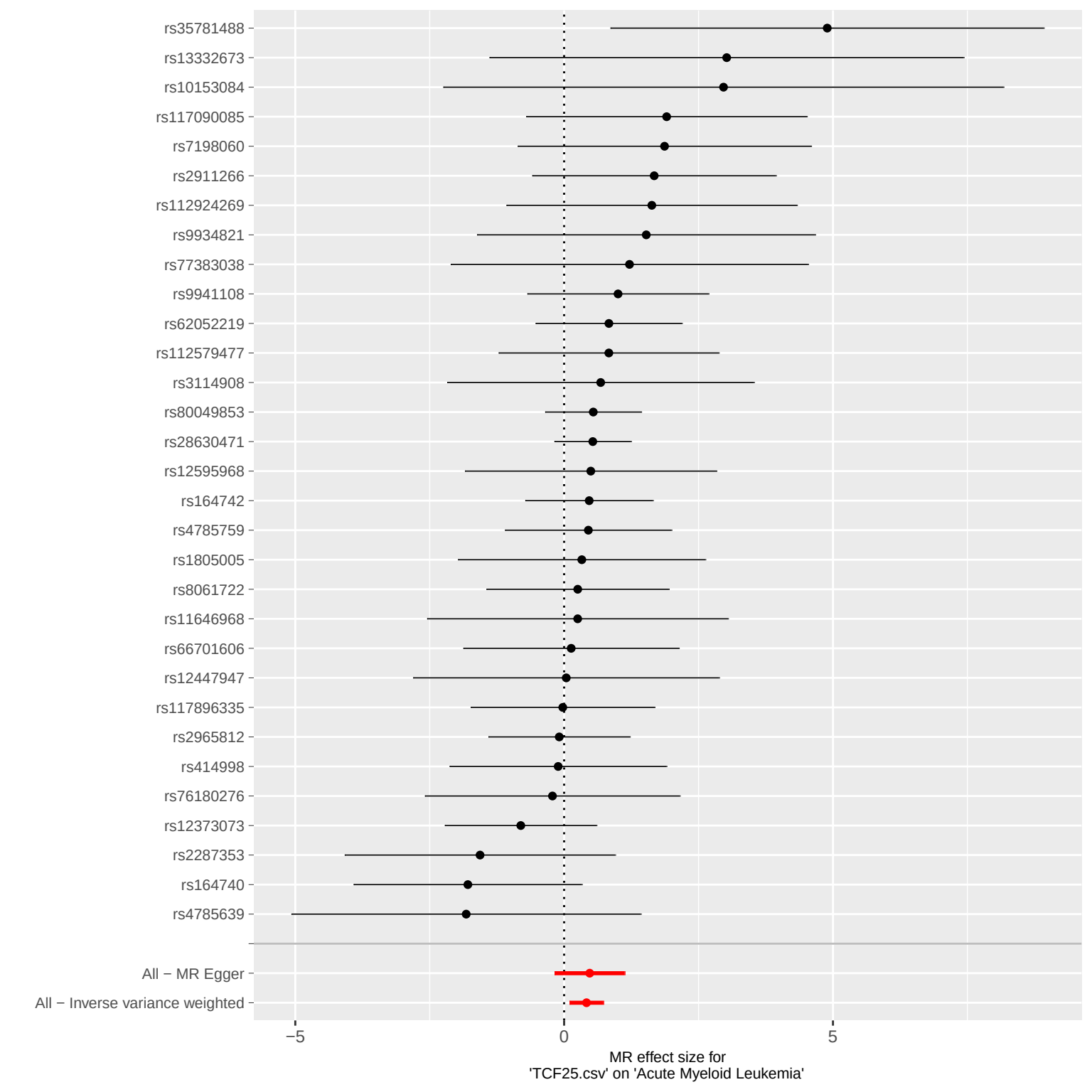
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'TCF20.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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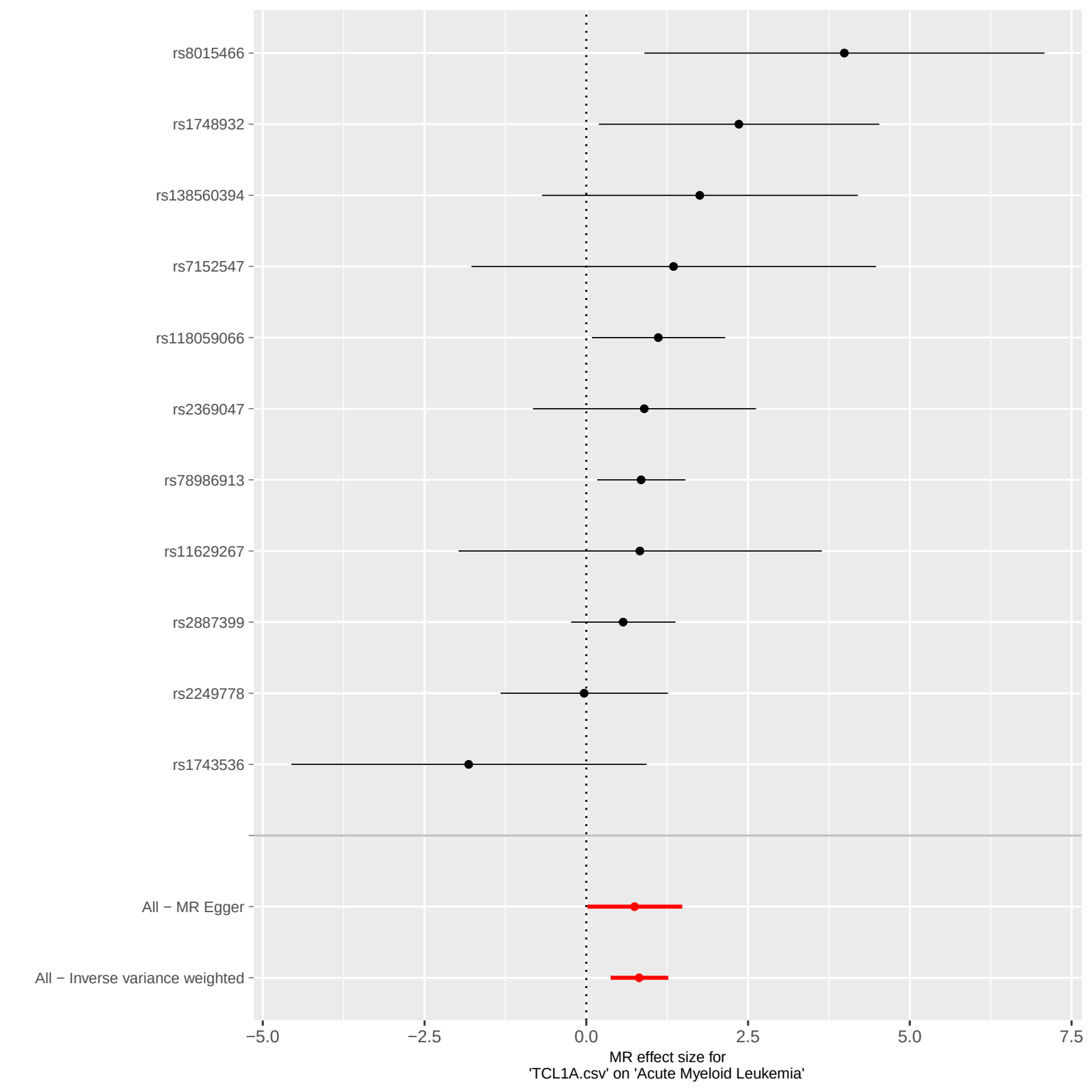
5
MR effect size for
'TCF25.csv' on 'Acute Myeloid Leukemia'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rs2369047
rs78986913
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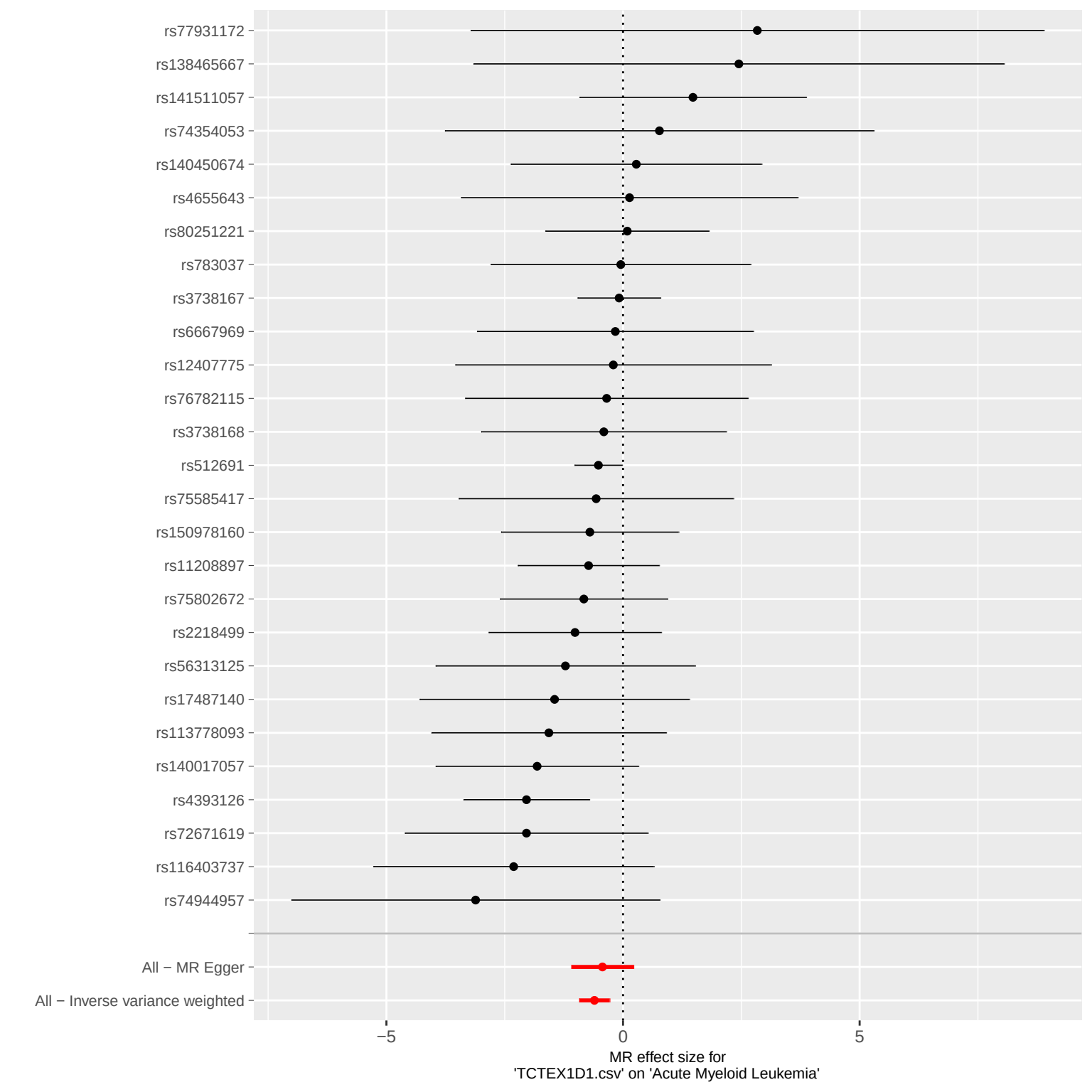
rs2249778
rs1743536
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'TCL1A.csv' on 'Acute Myeloid Leukemia'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rs113778093
rs140017057
rs4393126
rs72671619
rs116403737
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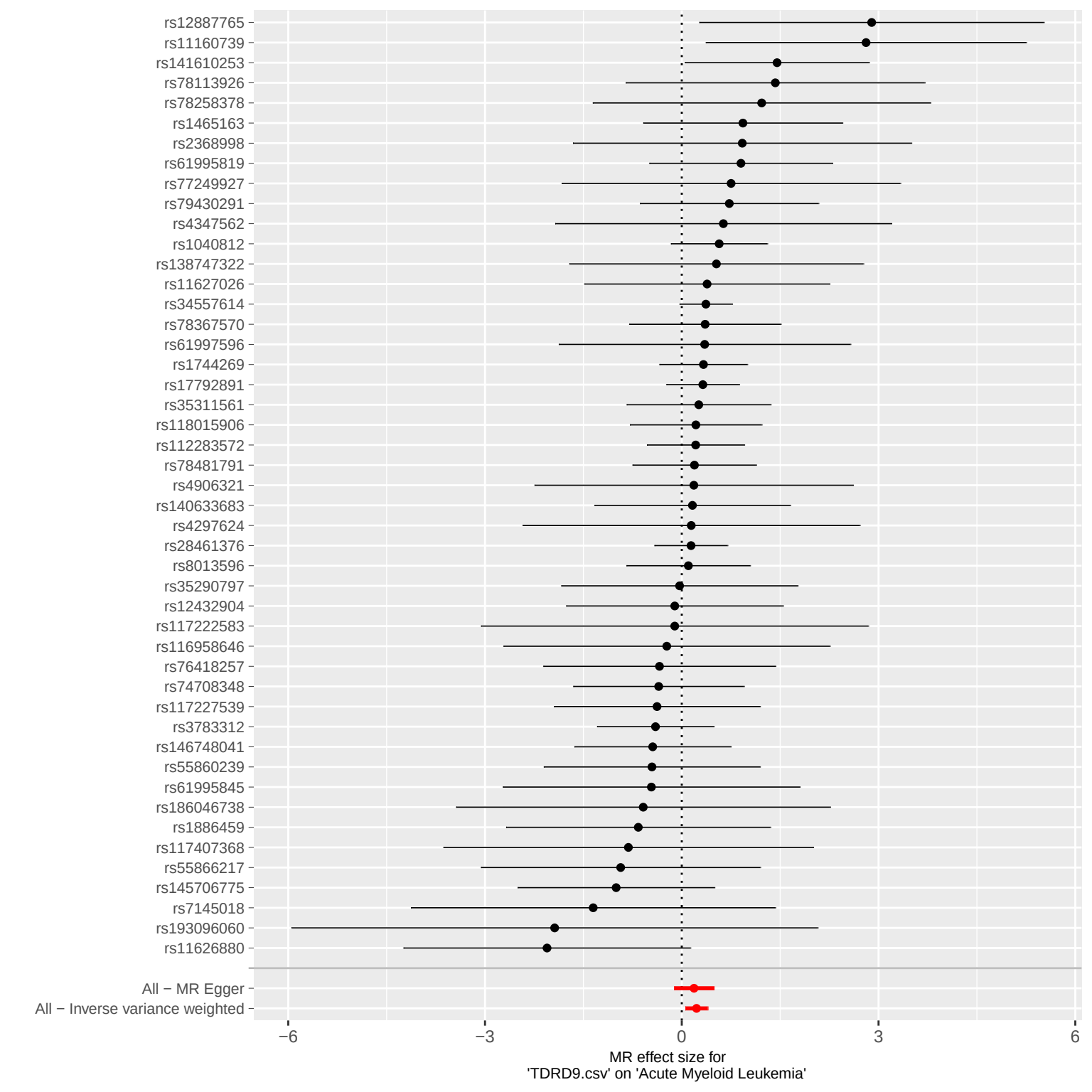
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TCTEX1D1.csv' on 'Acute Myeloid Leukemia'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rs55860239
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rs1886459
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rs193096060
rs11626880
All − MR Egger
All − Inverse variance weighted
−6
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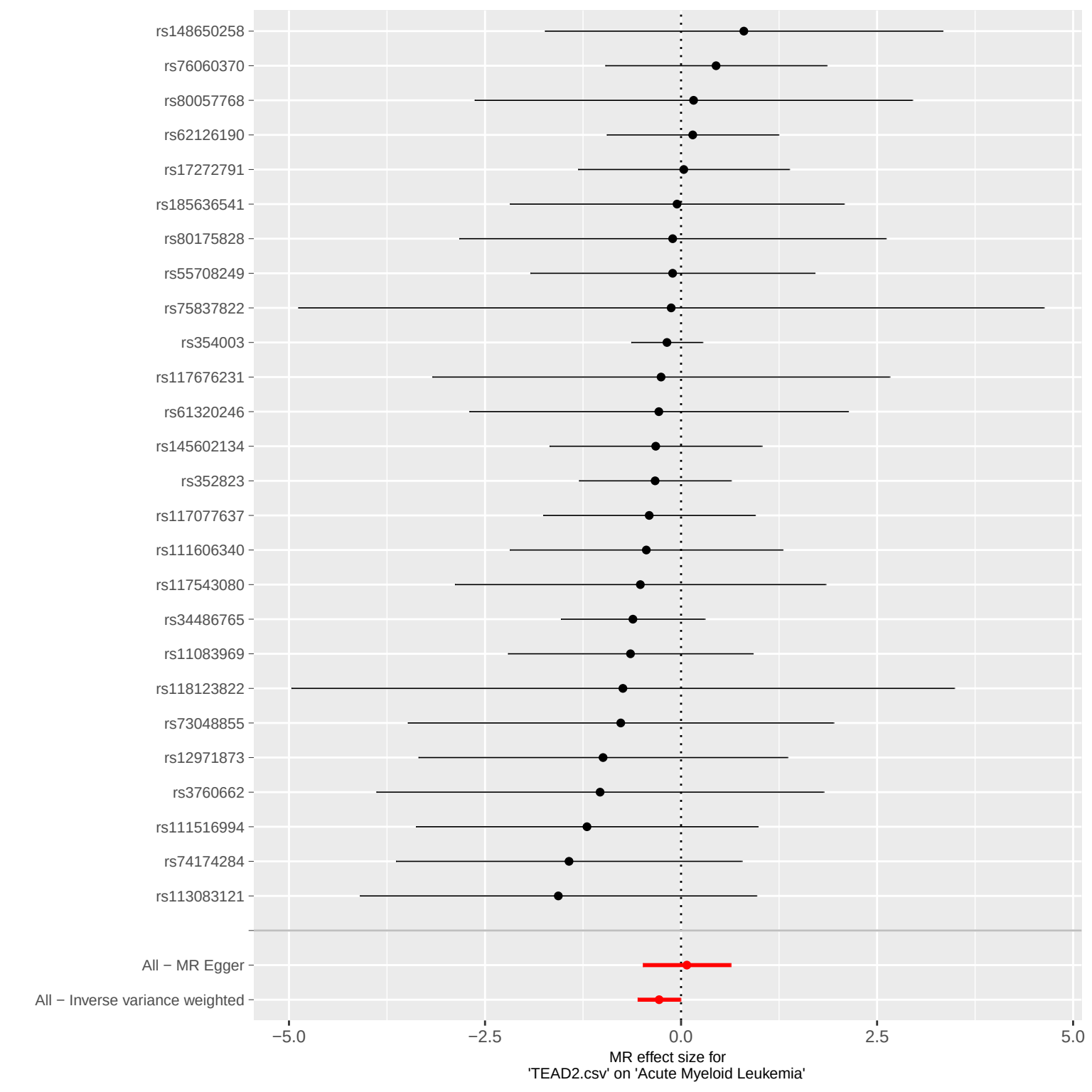
0
3
6
MR effect size for
'TDRD9.csv' on 'Acute Myeloid Leukemia'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rs34486765
rs11083969
rs118123822
rs73048855
rs12971873
rs3760662
rs111516994
rs74174284
rs113083121
All − MR Egger
All − Inverse variance weighted
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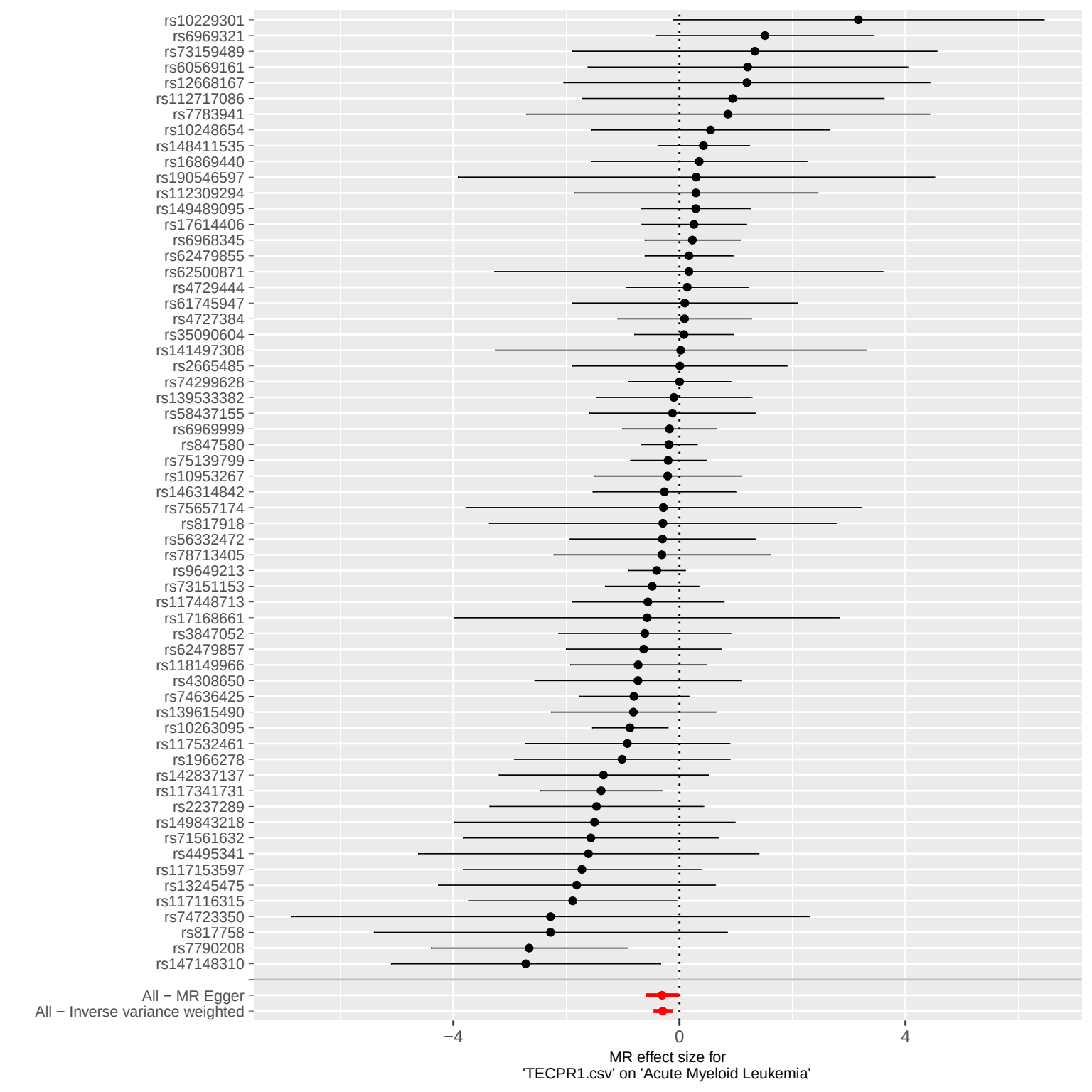
−2.5
0.0
2.5
5.0
MR effect size for
'TEAD2.csv' on 'Acute Myeloid Leukemia'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rs4729444
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rs146314842
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rs13245475
rs117116315
rs74723350
rs817758
rs7790208
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All − MR Egger
All − Inverse variance weighted
−4
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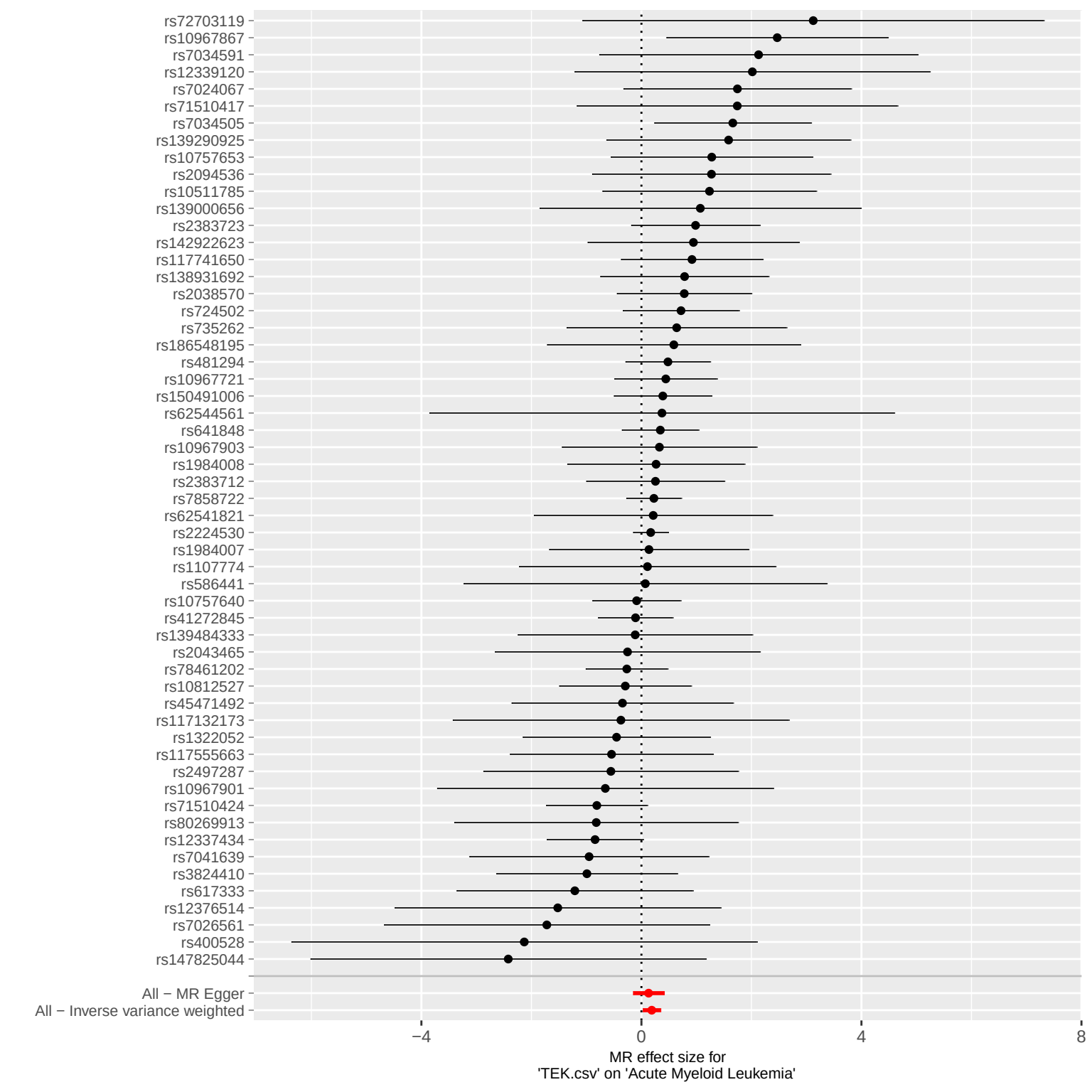
4
MR effect size for
'TECPR1.csv' on 'Acute Myeloid Leukemia'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rs3824410
rs617333
rs12376514
rs7026561
rs400528
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All − MR Egger
All − Inverse variance weighted
−4
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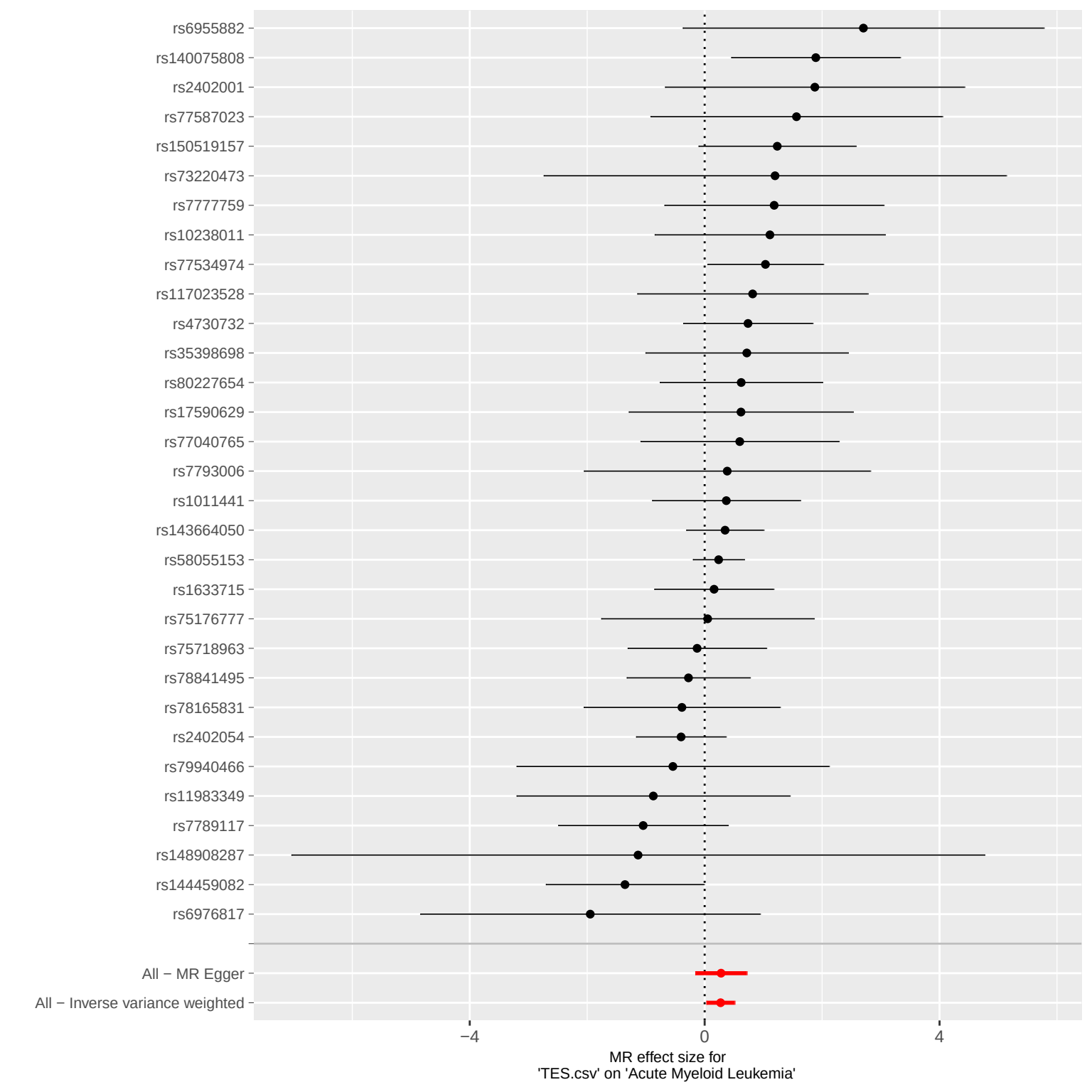
4
8
MR effect size for
'TEK.csv' on 'Acute Myeloid Leukemia'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rs79940466
rs11983349
rs7789117
rs148908287
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All − MR Egger
All − Inverse variance weighted
−4
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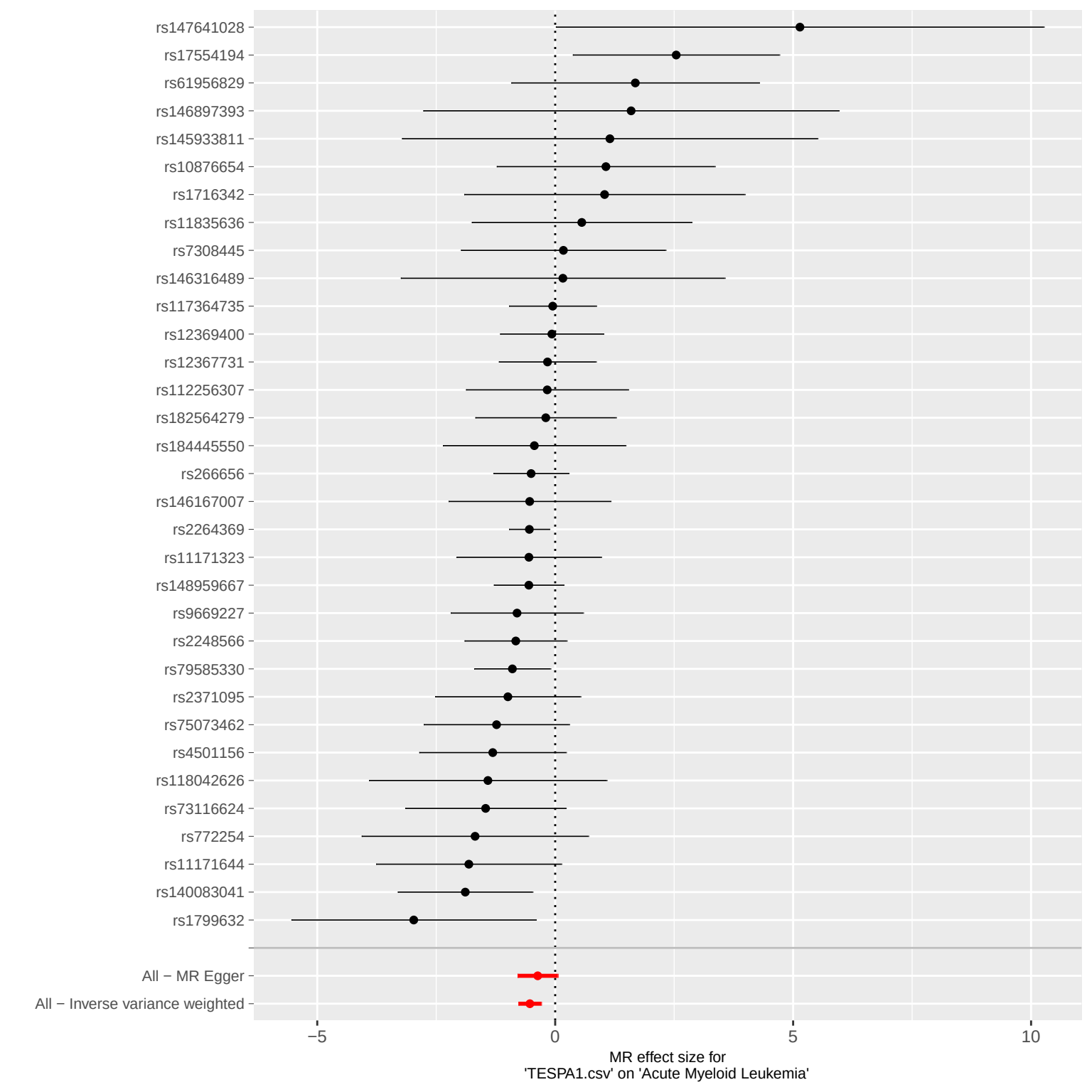
4
MR effect size for
'TES.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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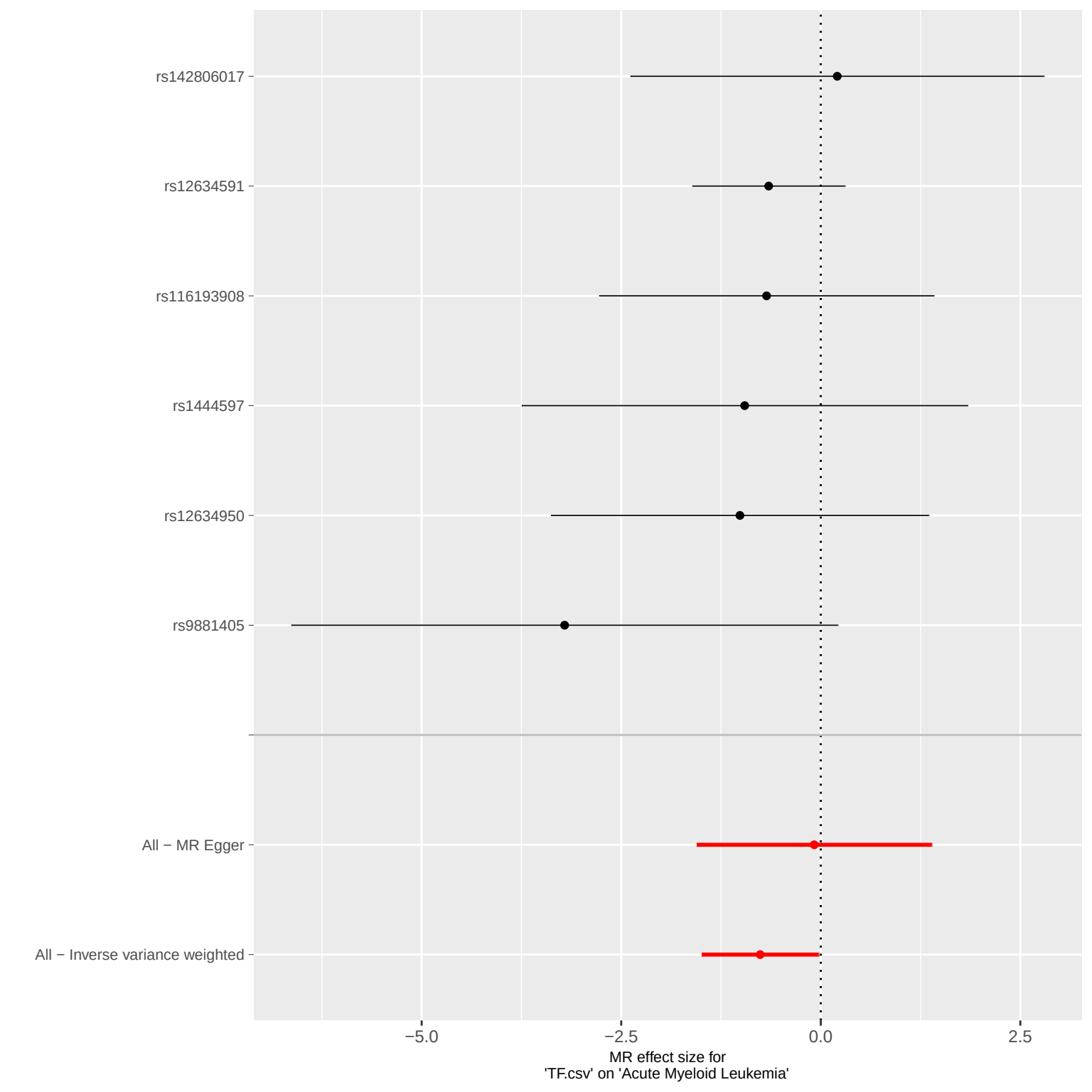
MR effect size for
'TESPA1.csv' on 'Acute Myeloid Leukemia'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rs1444597
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All − MR Egger
All − Inverse variance weighted
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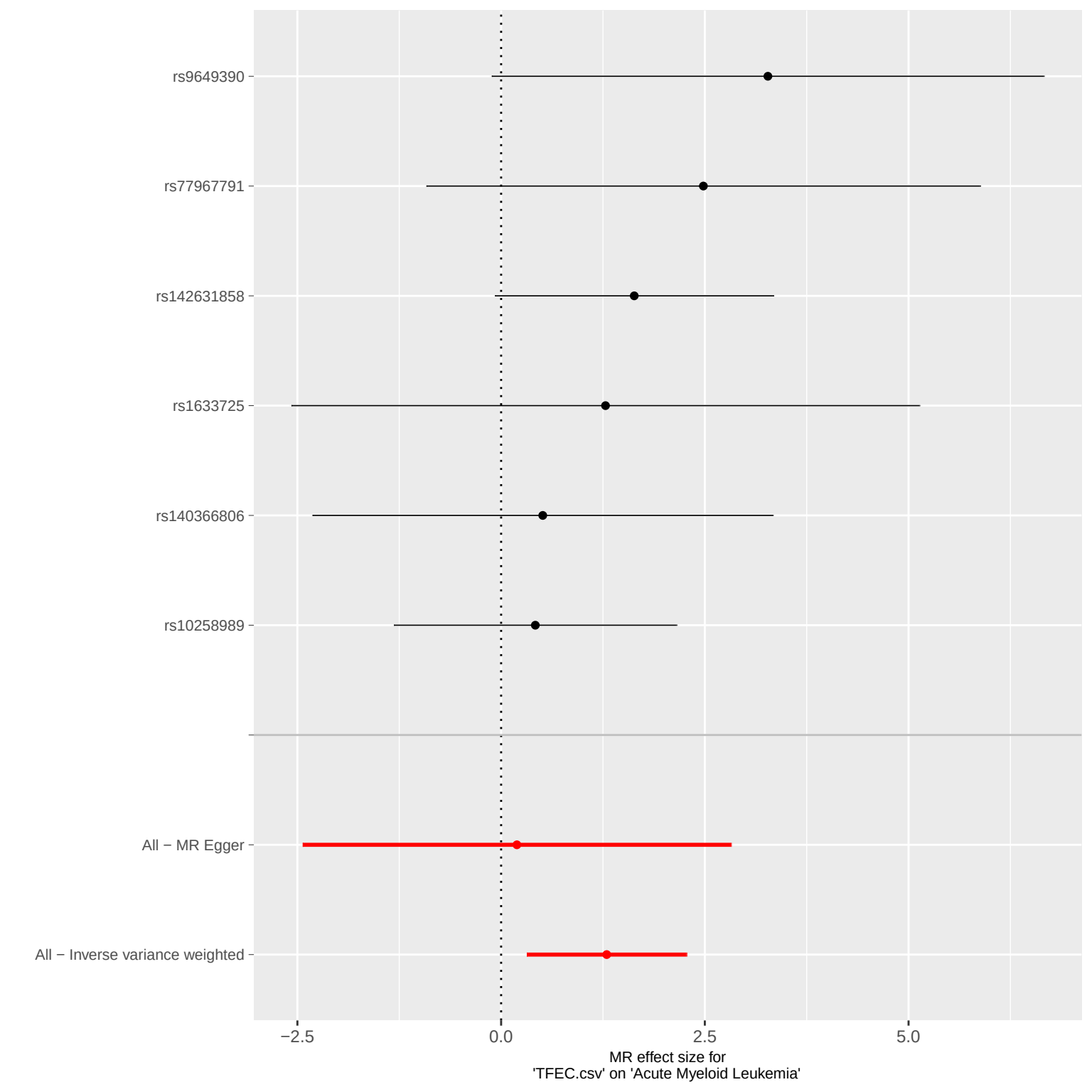
0.0
2.5
MR effect size for
'TF.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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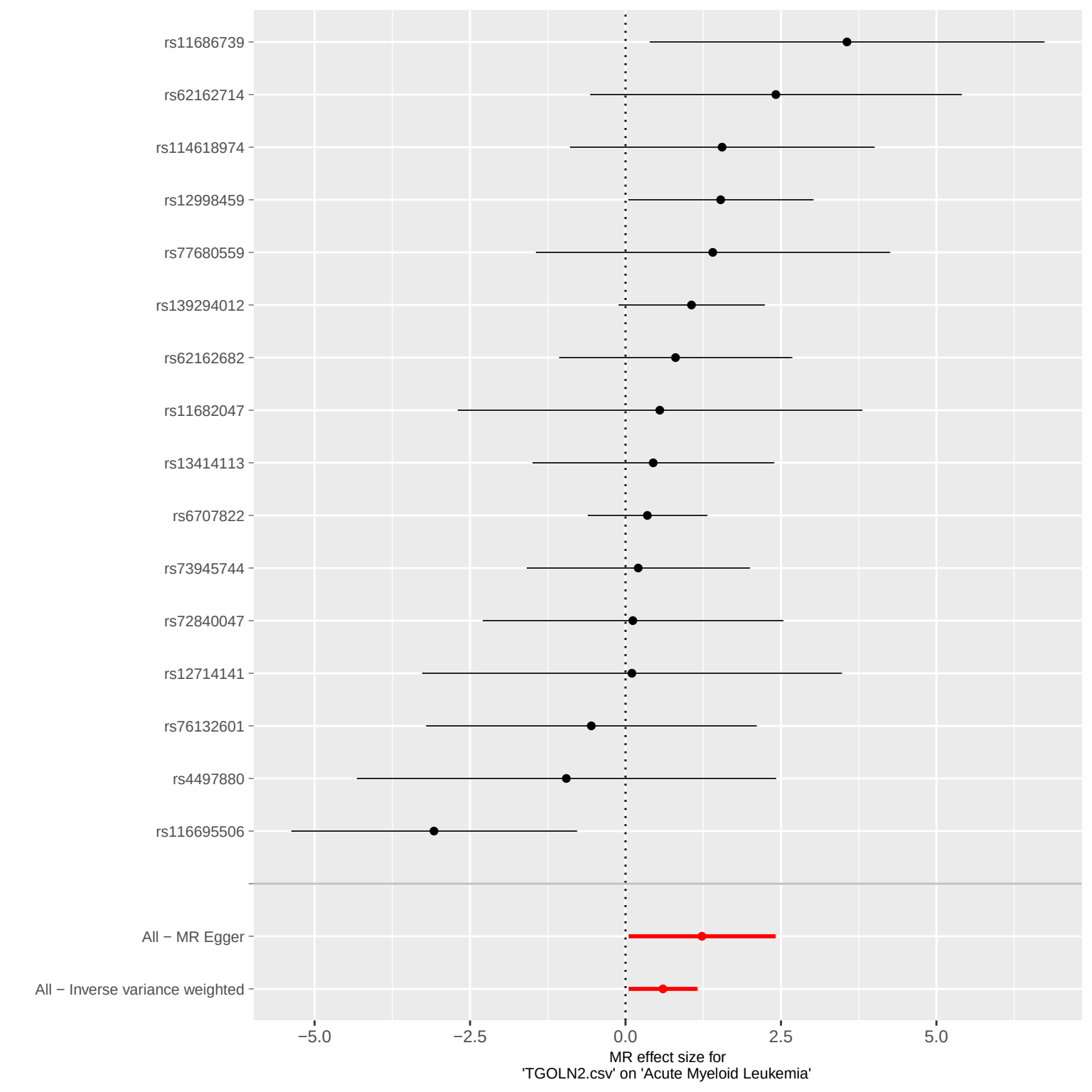
2.5
5.0
MR effect size for
'TFEC.csv' on 'Acute Myeloid Leukemia'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rs73945744
rs72840047
rs12714141
rs76132601
rs4497880
rs116695506
All − MR Egger
All − Inverse variance weighted
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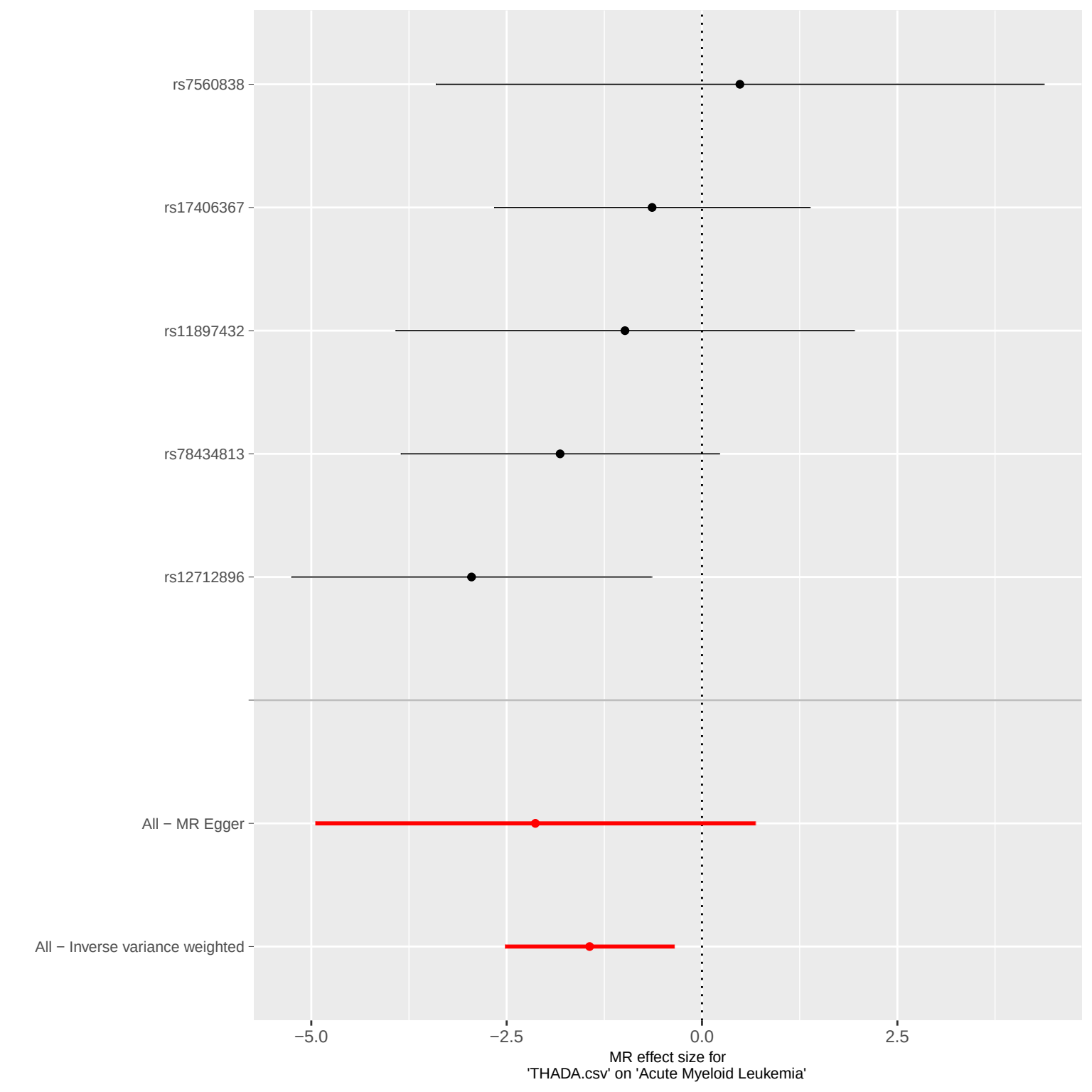
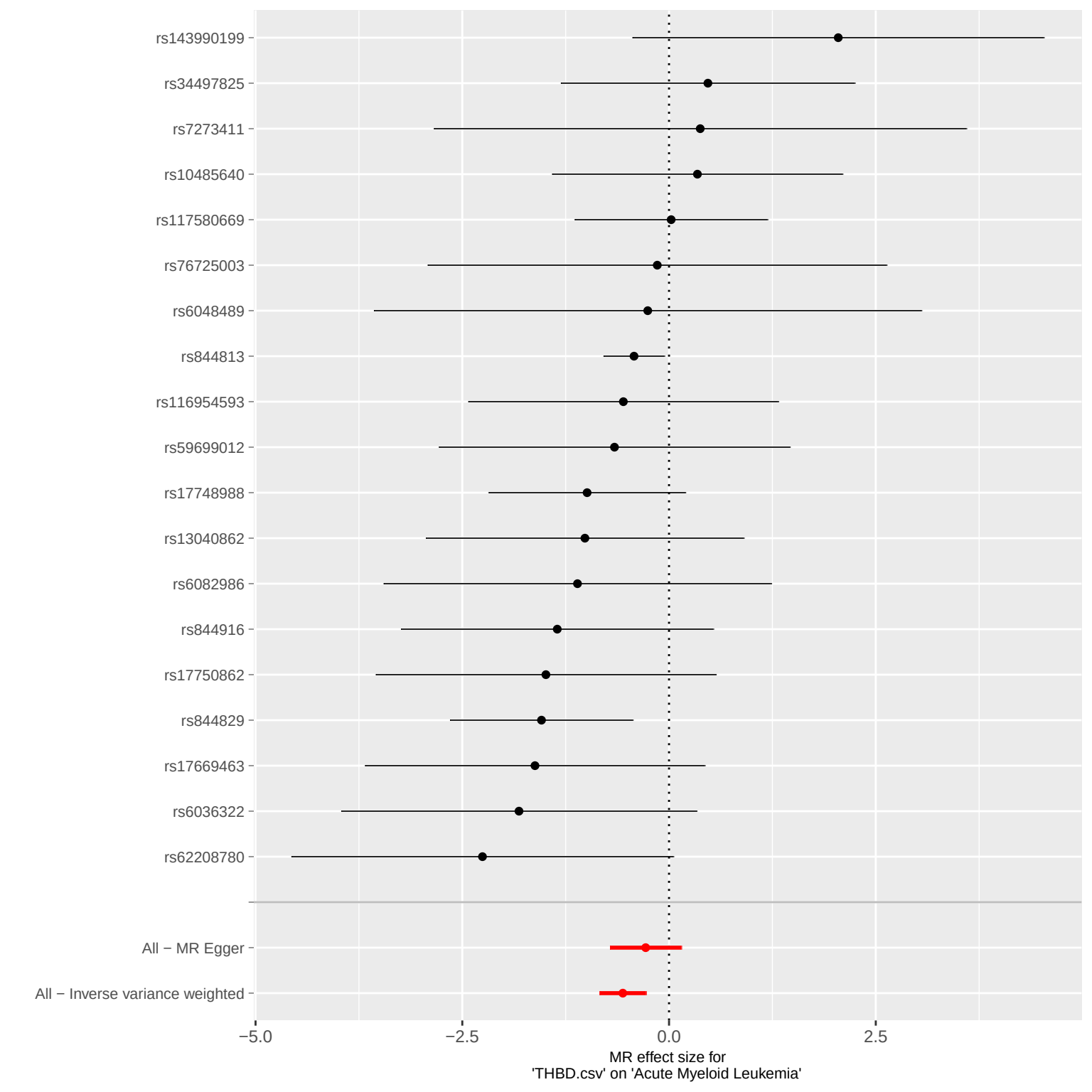
−2.5
0.0
2.5
5.0
MR effect size for
'TGOLN2.csv' on 'Acute Myeloid Leukemia'


rs7560838
rs17406367
rs11897432
rs78434813
rs12712896
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'THADA.csv' on 'Acute Myeloid Leukemia'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rs62208780
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
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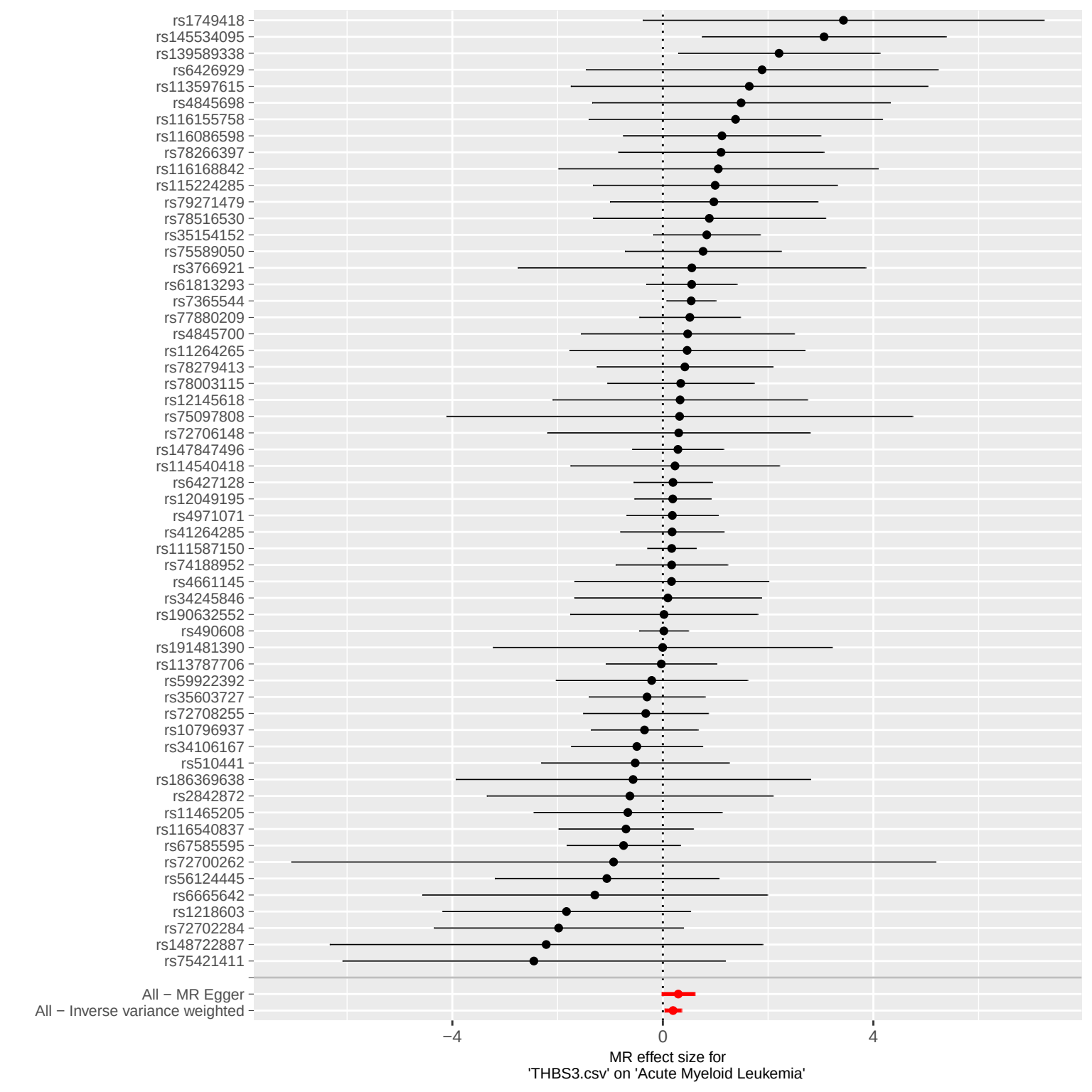
2.5
MR effect size for
'THBD.csv' on 'Acute Myeloid Leukemia'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rs72702284
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All − MR Egger
All − Inverse variance weighted
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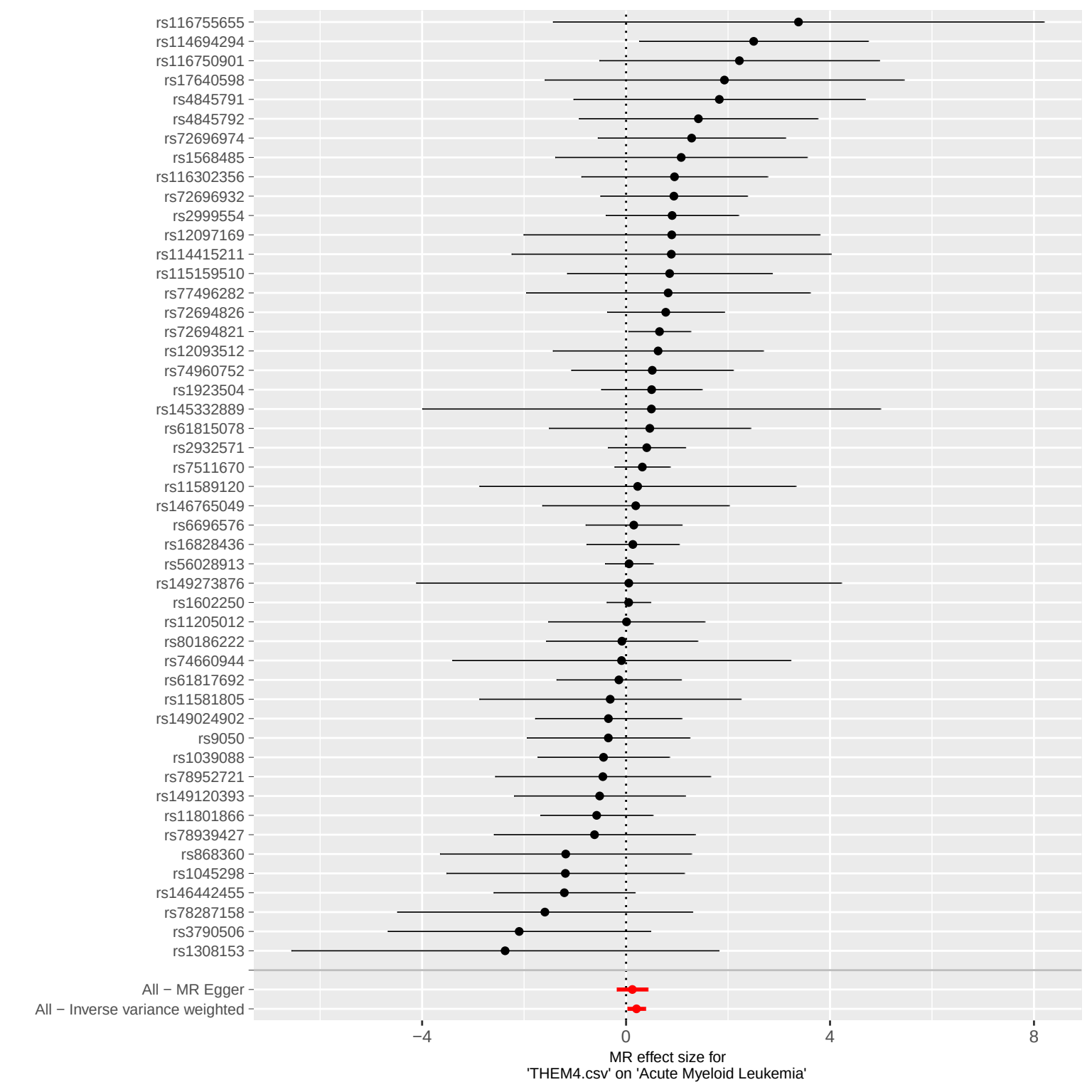
MR effect size for
'THBS3.csv' on 'Acute Myeloid Leukemia'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rs868360
rs1045298
rs146442455
rs78287158
rs3790506
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All − MR Egger
All − Inverse variance weighted
−4
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4
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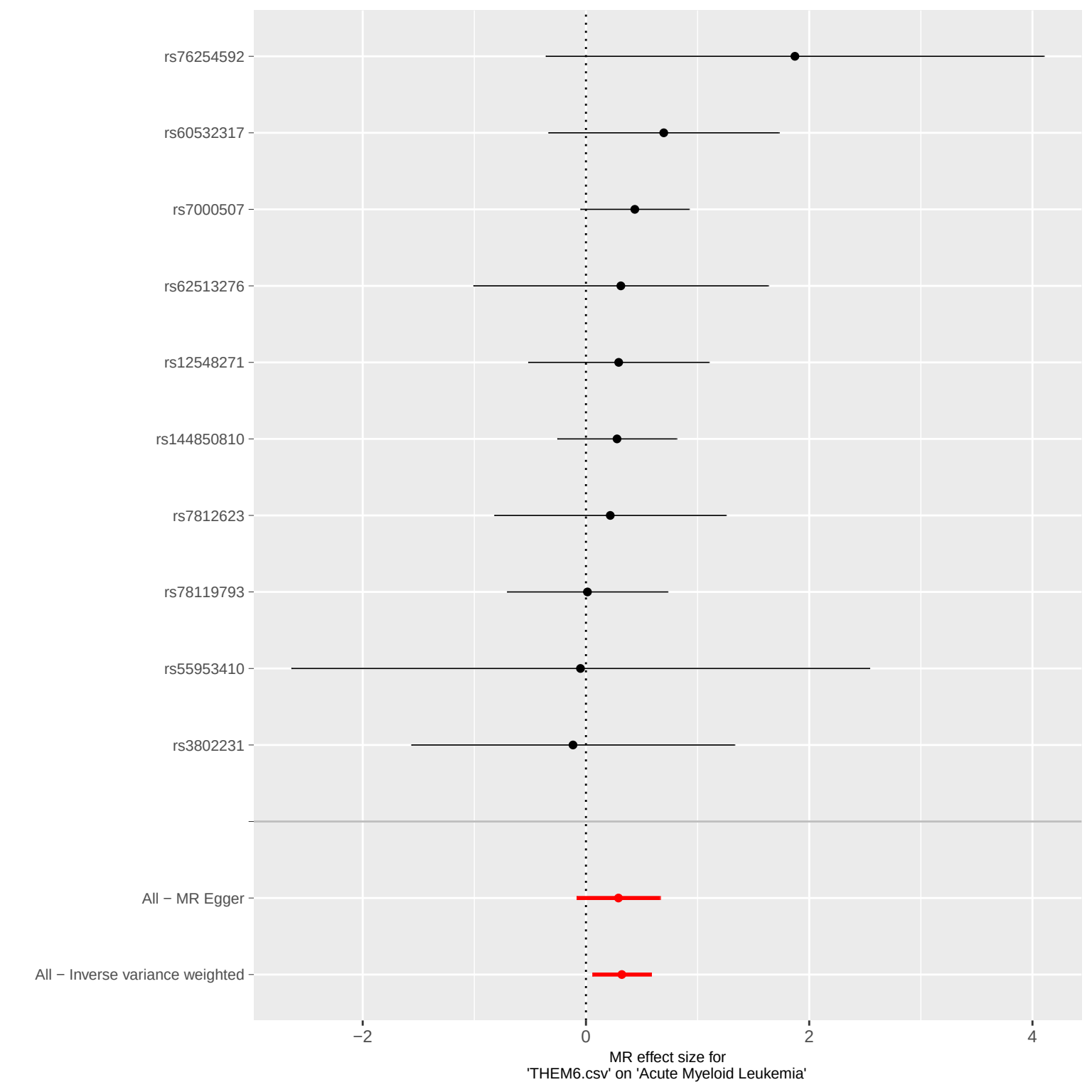
MR effect size for
'THEM4.csv' on 'Acute Myeloid Leukemia'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rs7812623
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All − MR Egger
All − Inverse variance weighted
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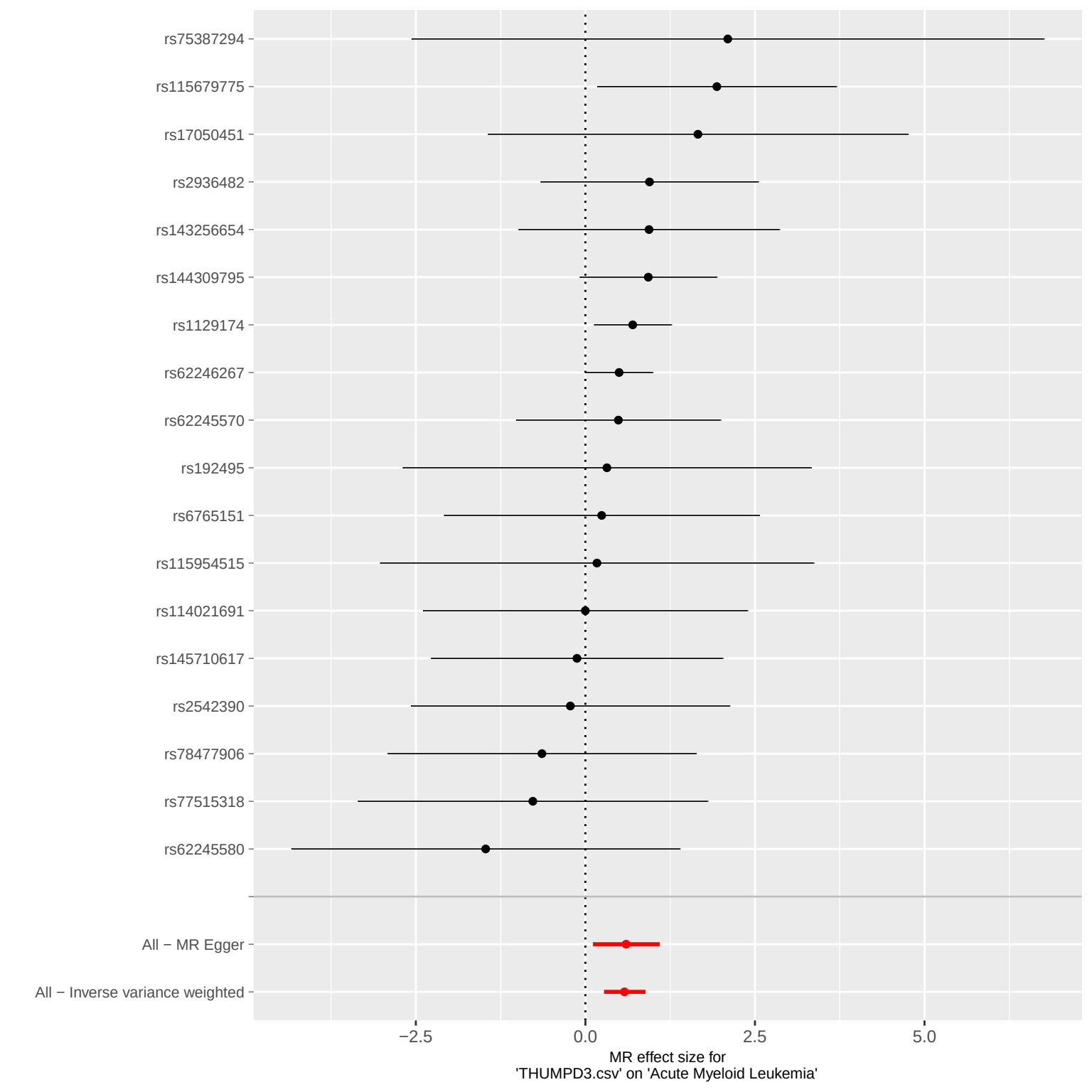
MR effect size for
'THEM6.csv' on 'Acute Myeloid Leukemia'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rs2542390
rs78477906
rs77515318
rs62245580
All − MR Egger
All − Inverse variance weighted
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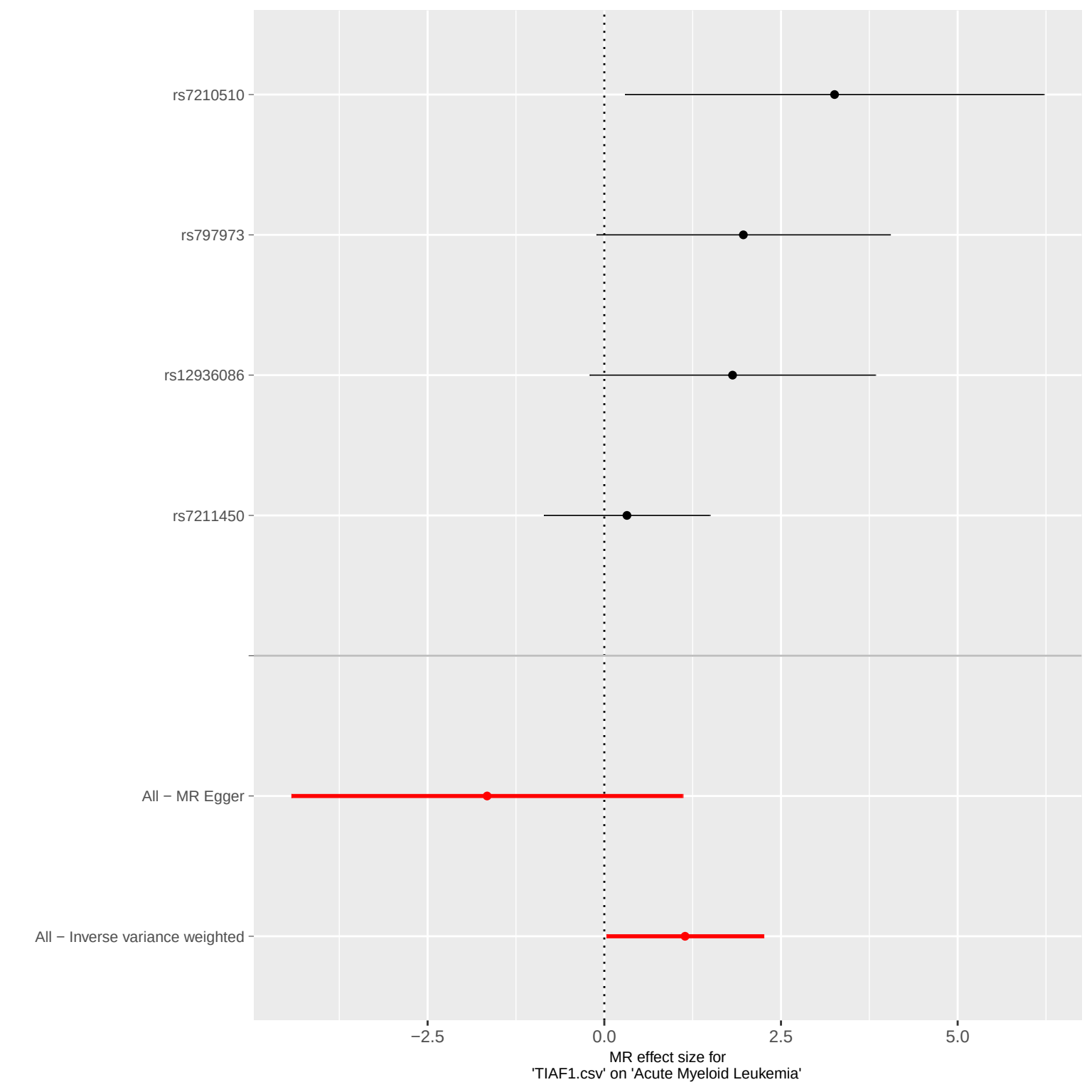
0.0
2.5
5.0
MR effect size for
'THUMPD3.csv' on 'Acute Myeloid Leukemia'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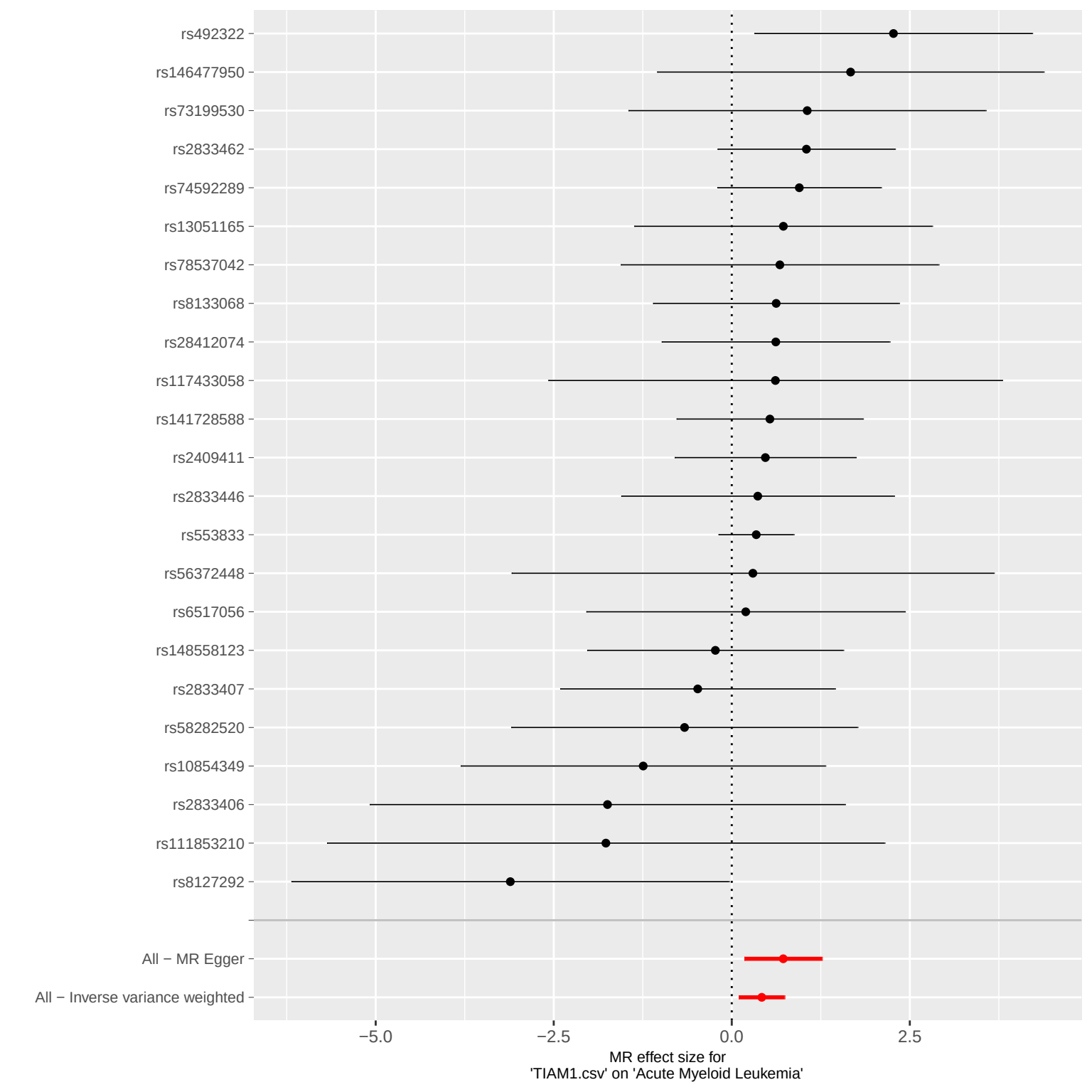
rs797973
rs12936086
rs7211450
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'TIAF1.csv' on 'Acute Myeloid Leukemia'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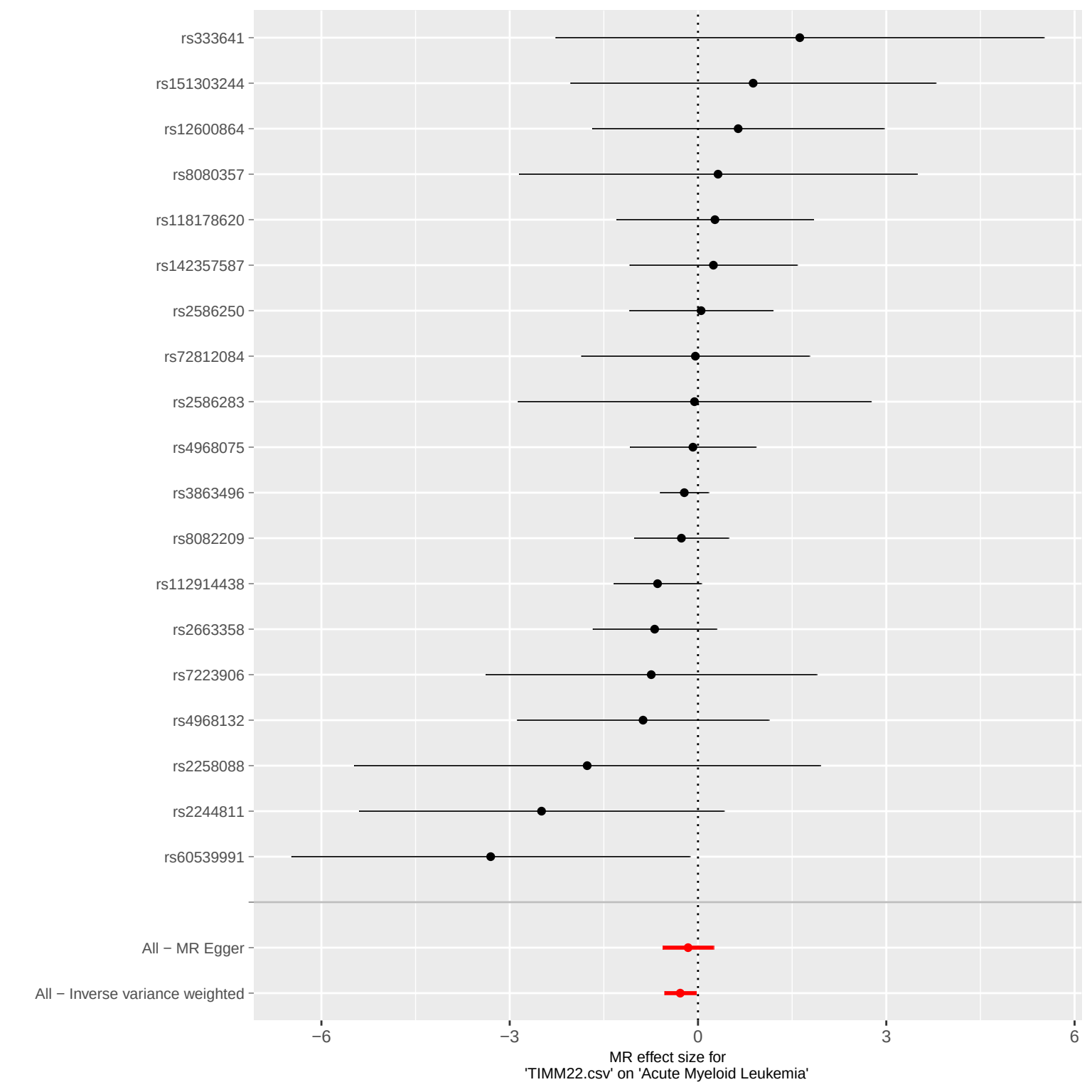
rs553833
rs56372448
rs6517056
rs148558123
rs2833407
rs58282520
rs10854349
rs2833406
rs111853210
rs8127292
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TIAM1.csv' on 'Acute Myeloid Leukemia'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rs4968132
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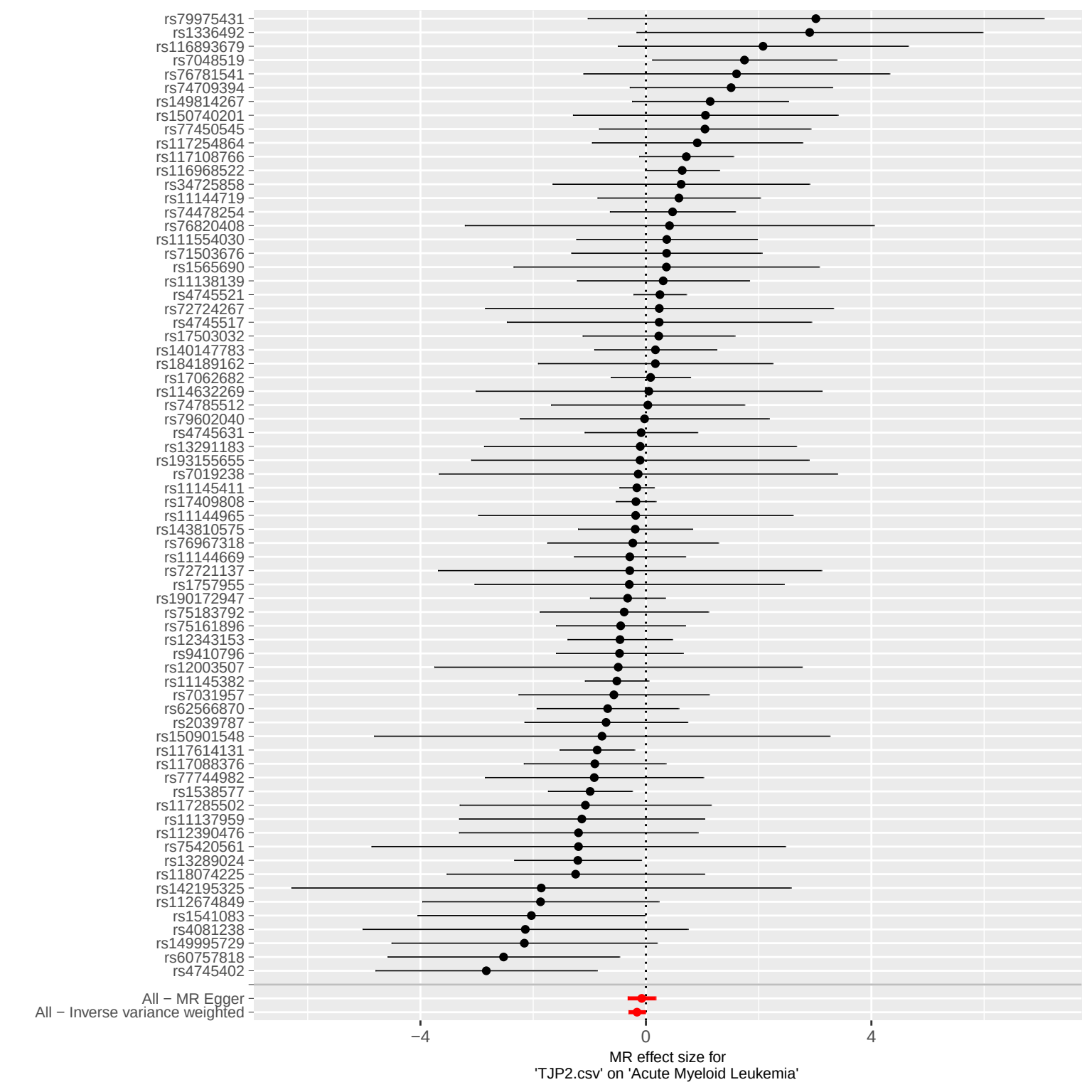
rs2244811
rs60539991
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TIMM22.csv' on 'Acute Myeloid Leukemia'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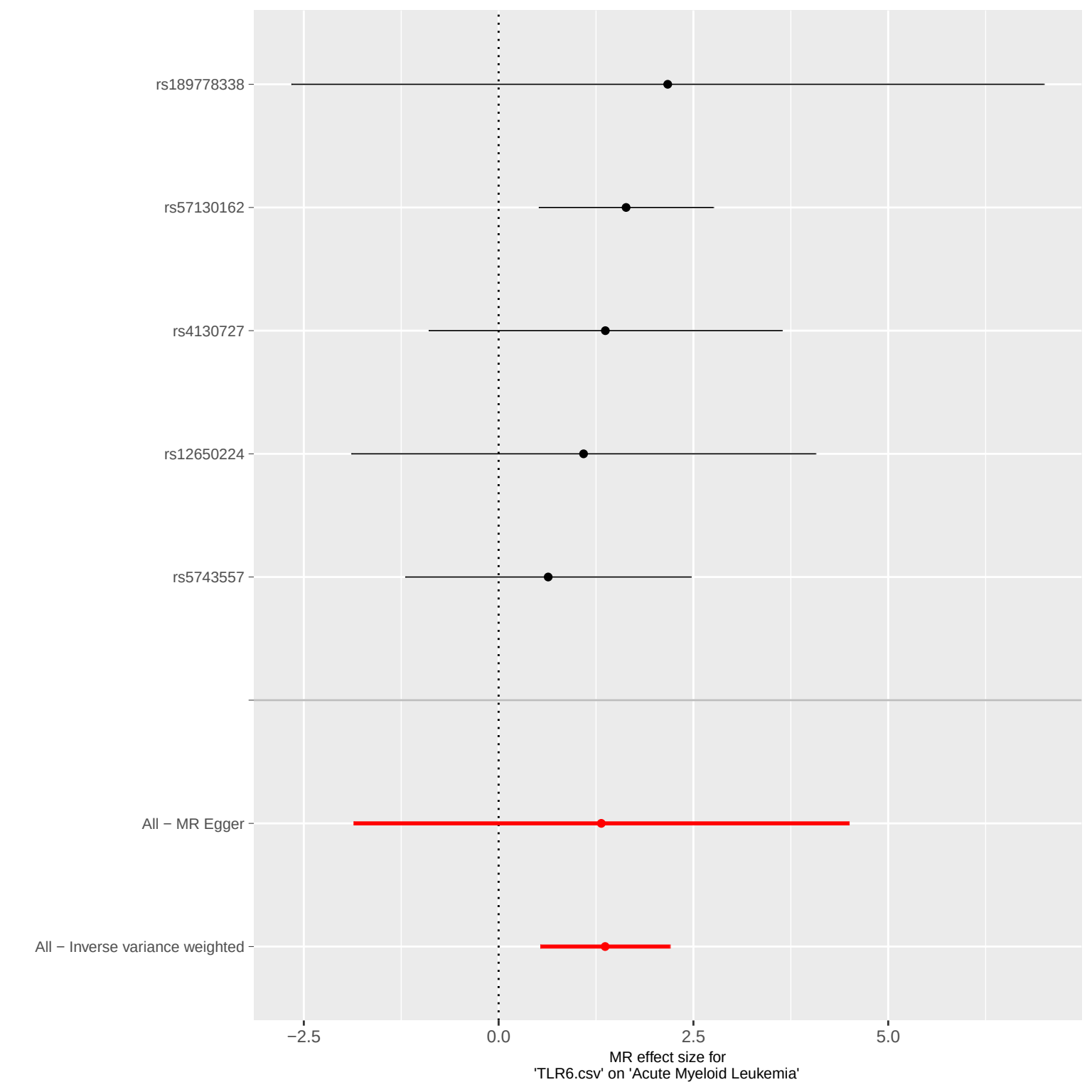
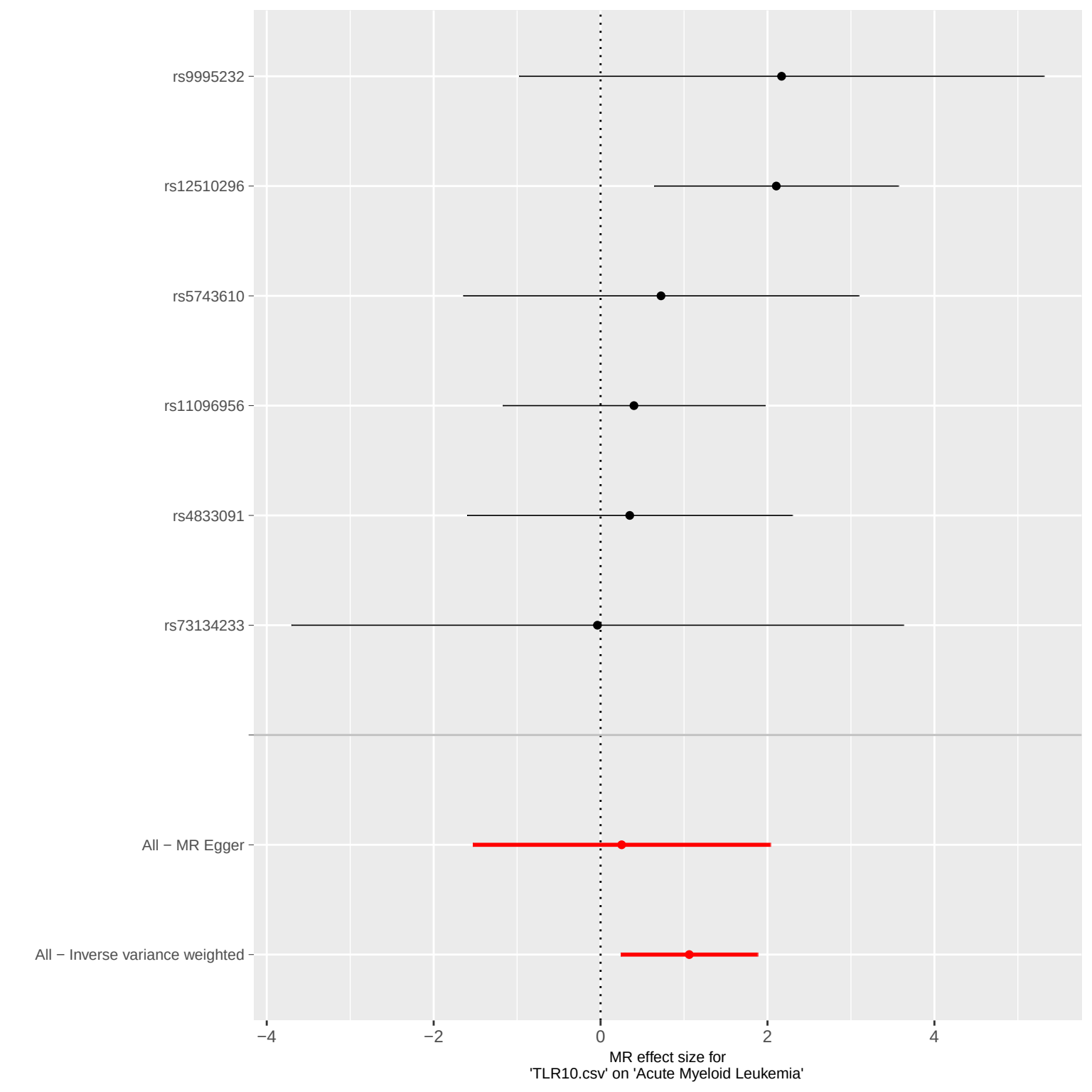
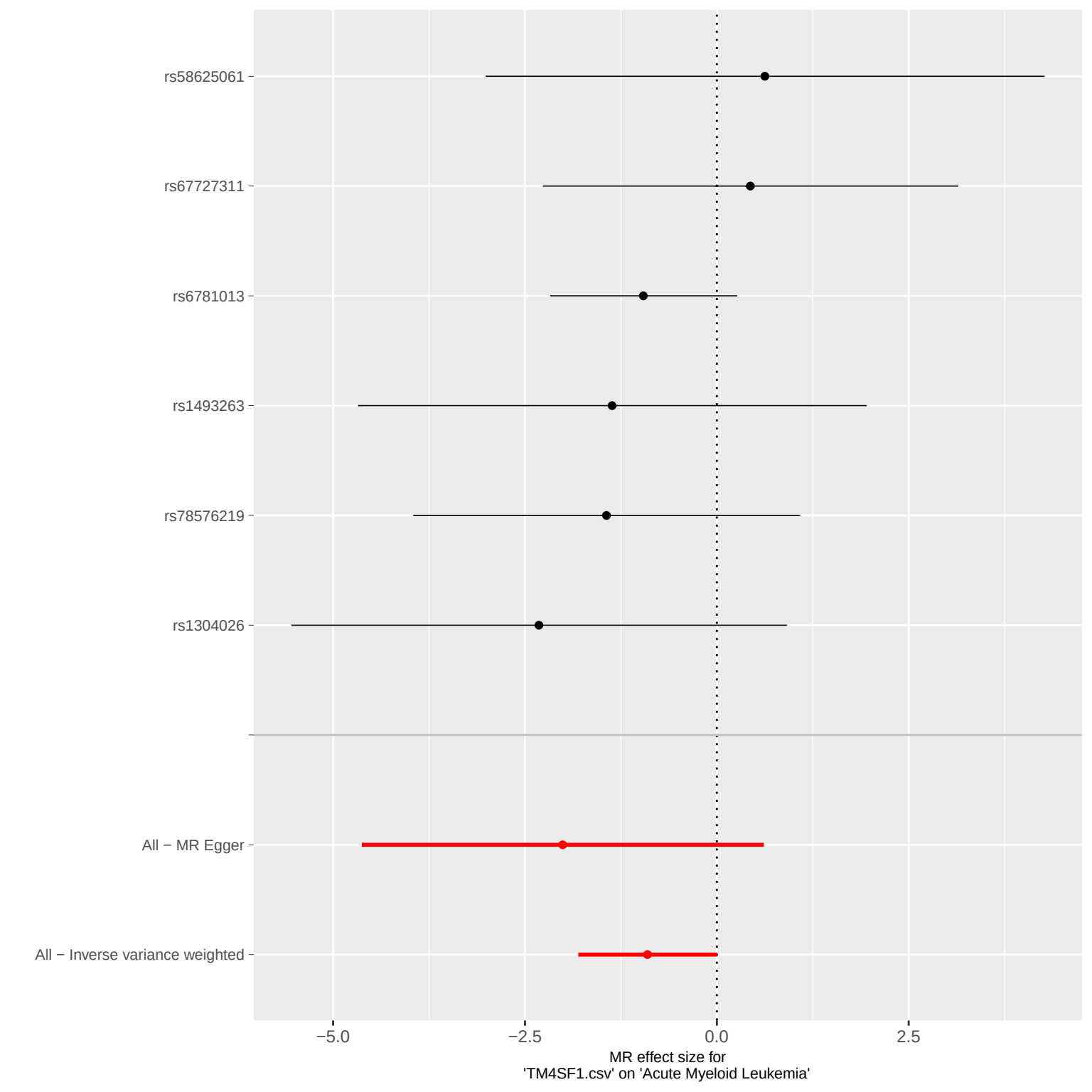
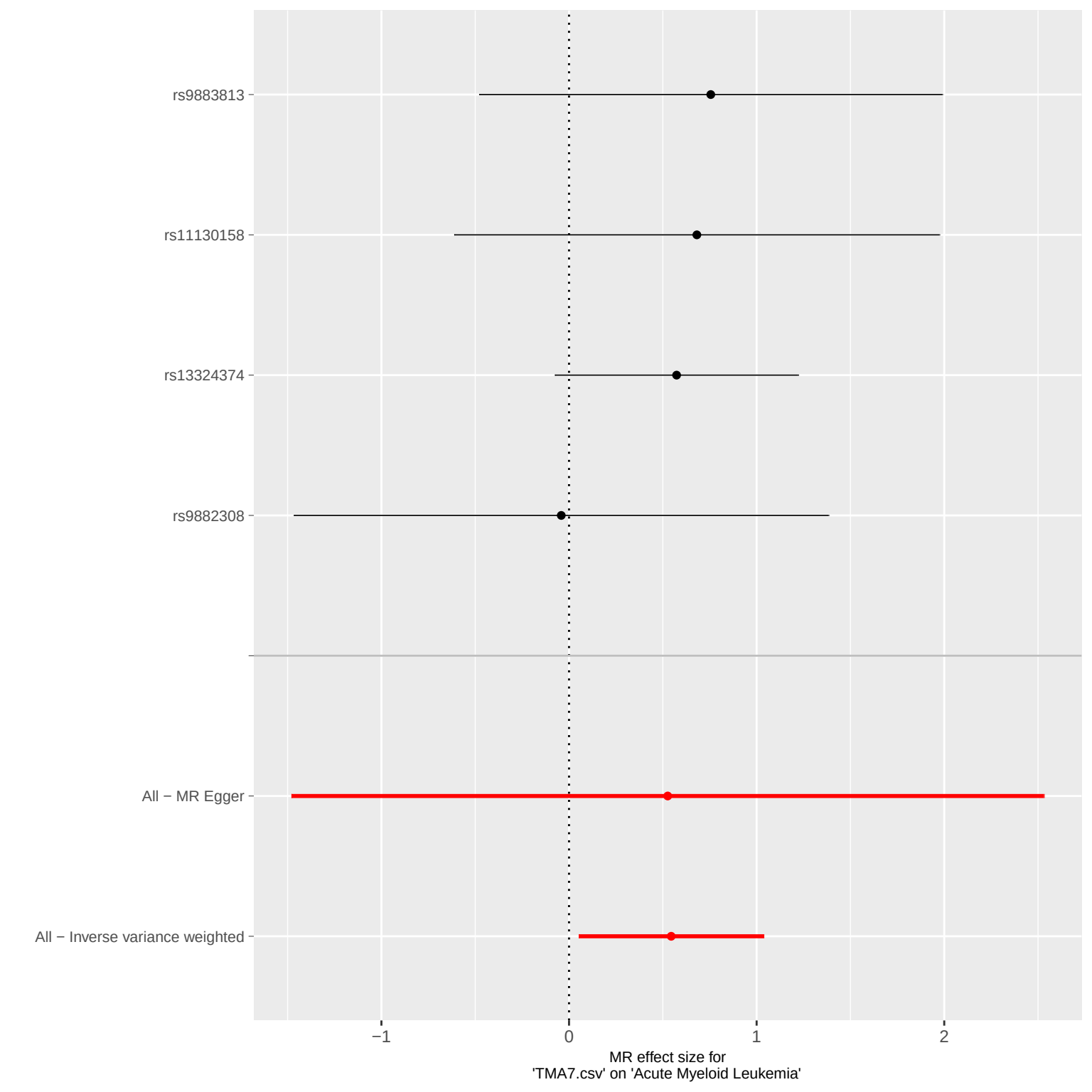
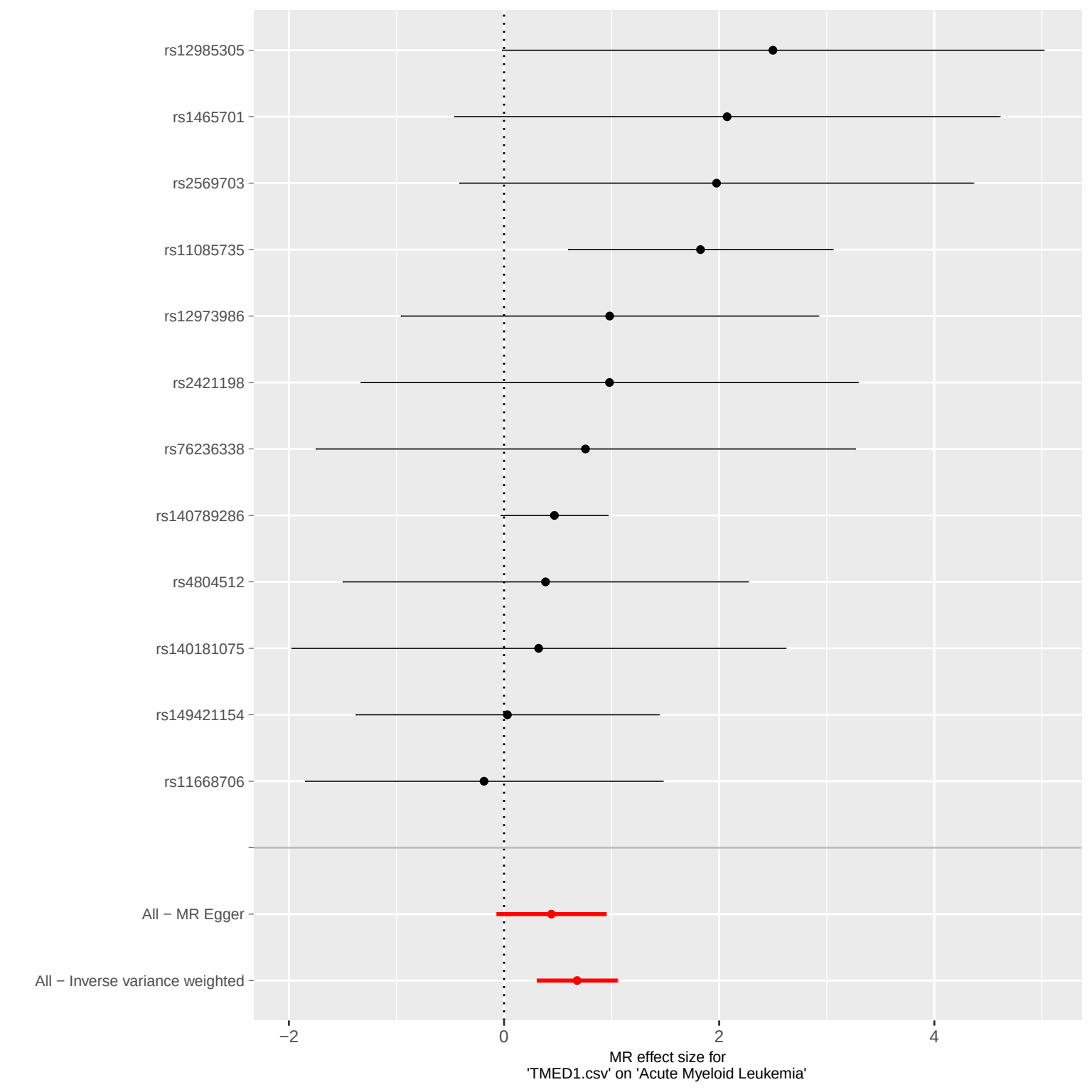
rs117088376
rs77744982
rs1538577
rs117285502
rs11137959
rs112390476
rs75420561
rs13289024
rs118074225
rs142195325
rs112674849
rs1541083
rs4081238
rs149995729
rs60757818
rs4745402
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TJP2.csv' on 'Acute Myeloid Leukemia'

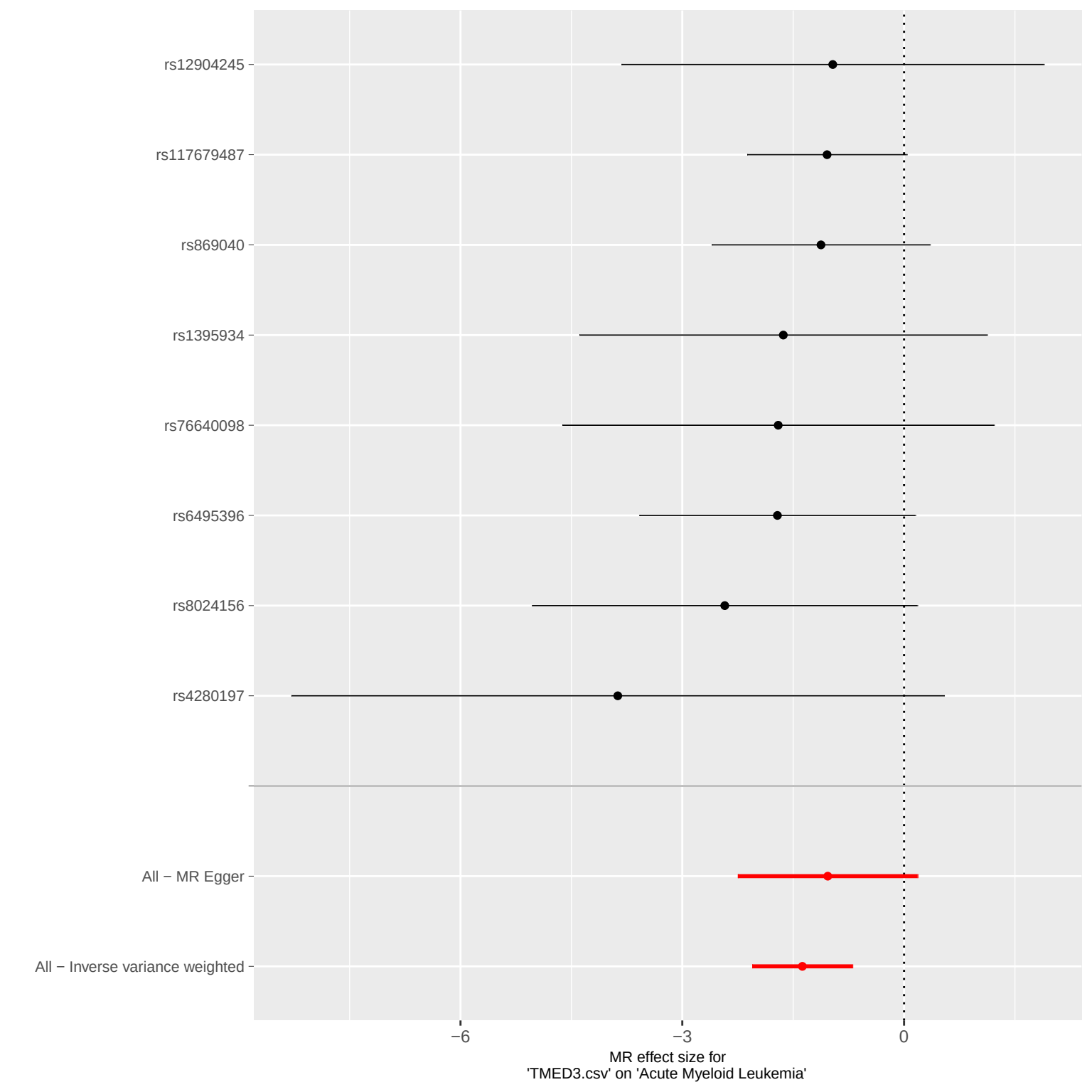

rs189778338
rs57130162
rs4130727
rs12650224
rs5743557
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'TLR6.csv' on 'Acute Myeloid Leukemia'

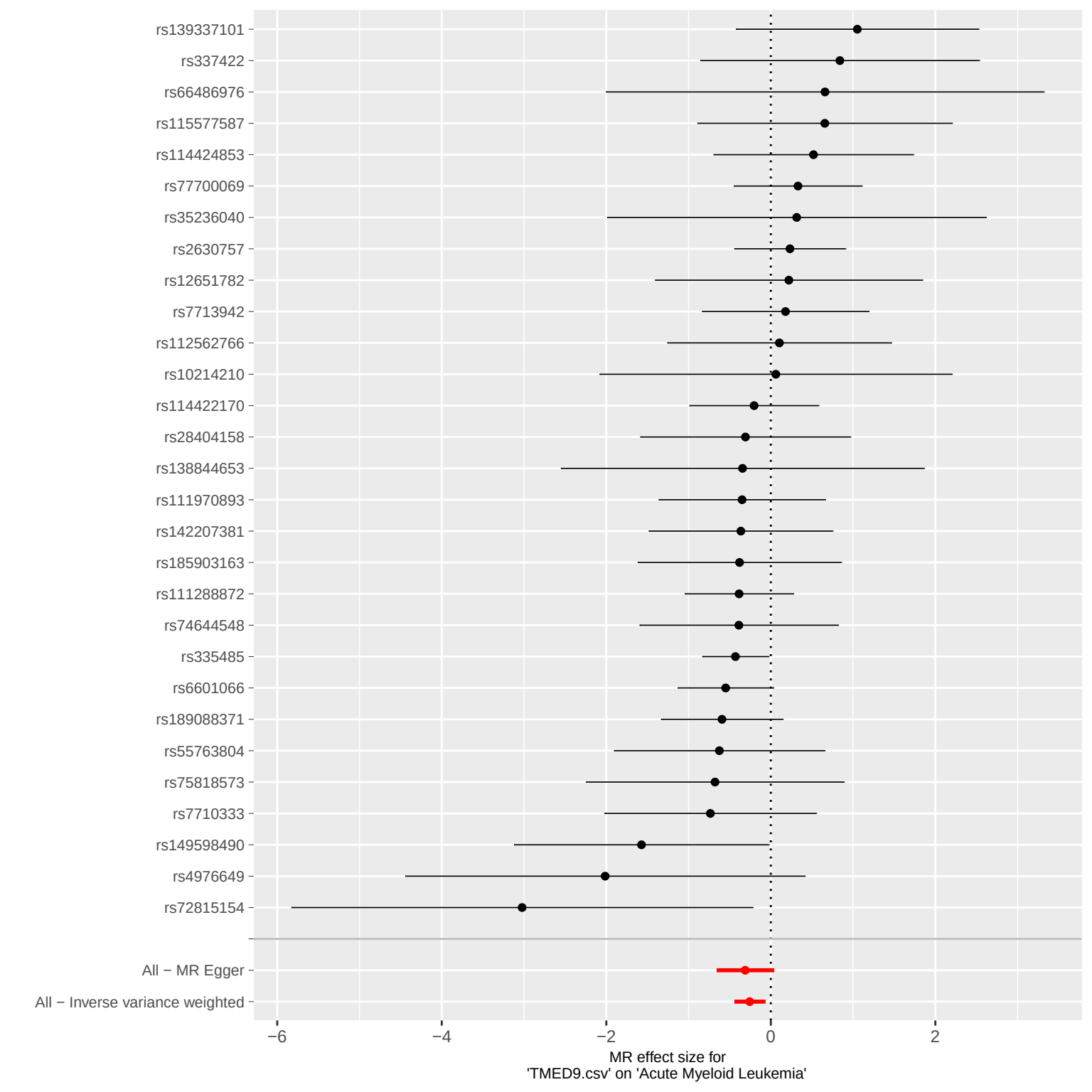

rs9995232
rs12510296
rs5743610
rs11096956
rs4833091
rs73134233
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'TLR10.csv' on 'Acute Myeloid Leukemia'


rs58625061
rs67727311
rs6781013
rs1493263
rs78576219
rs1304026
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TM4SF1.csv' on 'Acute Myeloid Leukemia'


rs9883813
rs11130158
rs13324374
rs9882308
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'TMA7.csv' on 'Acute Myeloid Leukemia'


rs12985305
rs1465701
rs2569703
rs11085735
rs12973986
rs2421198
rs76236338
rs140789286
rs4804512
rs140181075
rs149421154
rs11668706
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TMED1.csv' on 'Acute Myeloid Leukemia'


rs12904245
rs117679487
rs869040
rs1395934
rs76640098
rs6495396
rs8024156
rs4280197
All − MR Egger
All − Inverse variance weighted
−6
−3
0
MR effect size for
'TMED3.csv' on 'Acute Myeloid Leukemia'


rs139337101
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rs115577587
rs114424853
rs77700069
rs35236040
rs2630757
rs12651782
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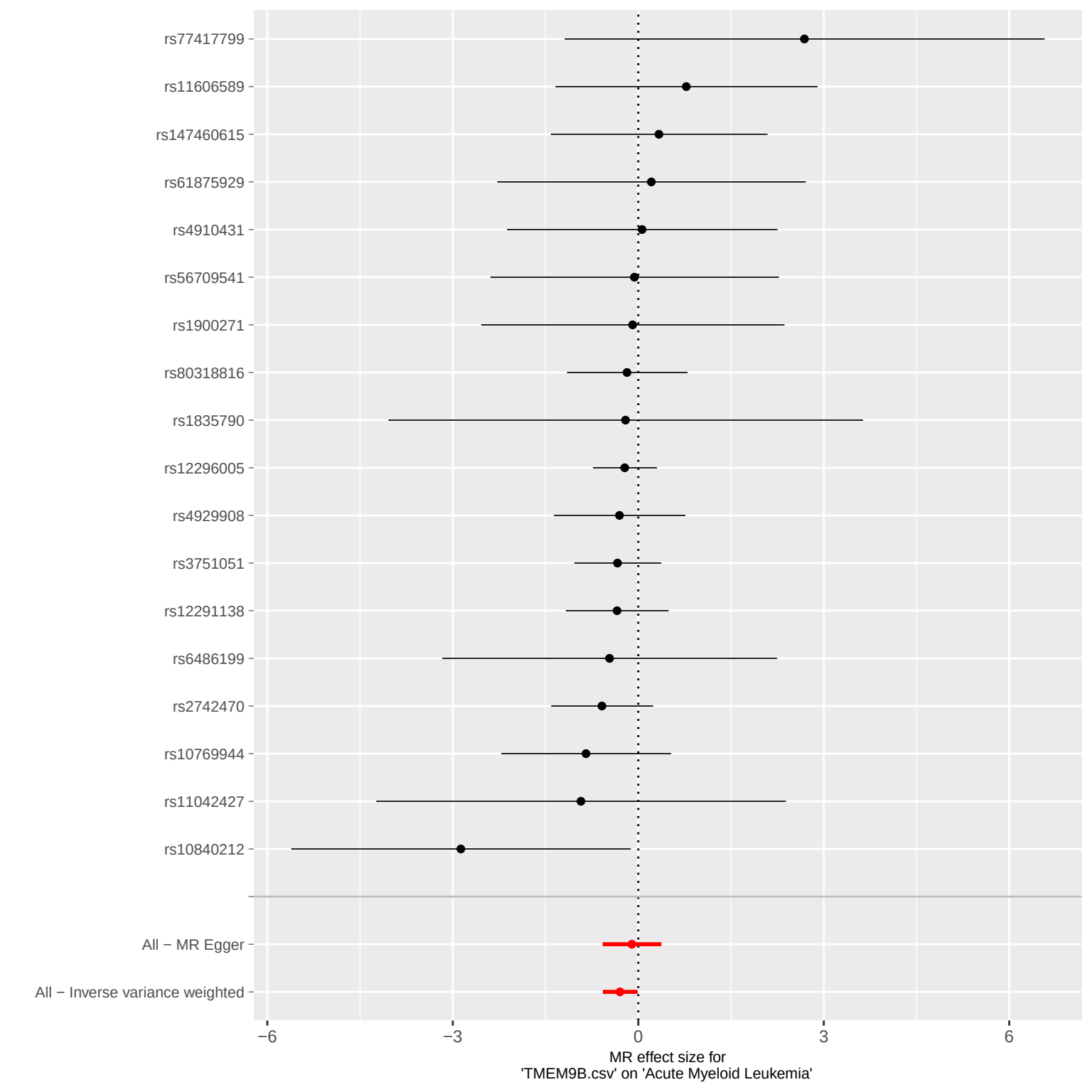
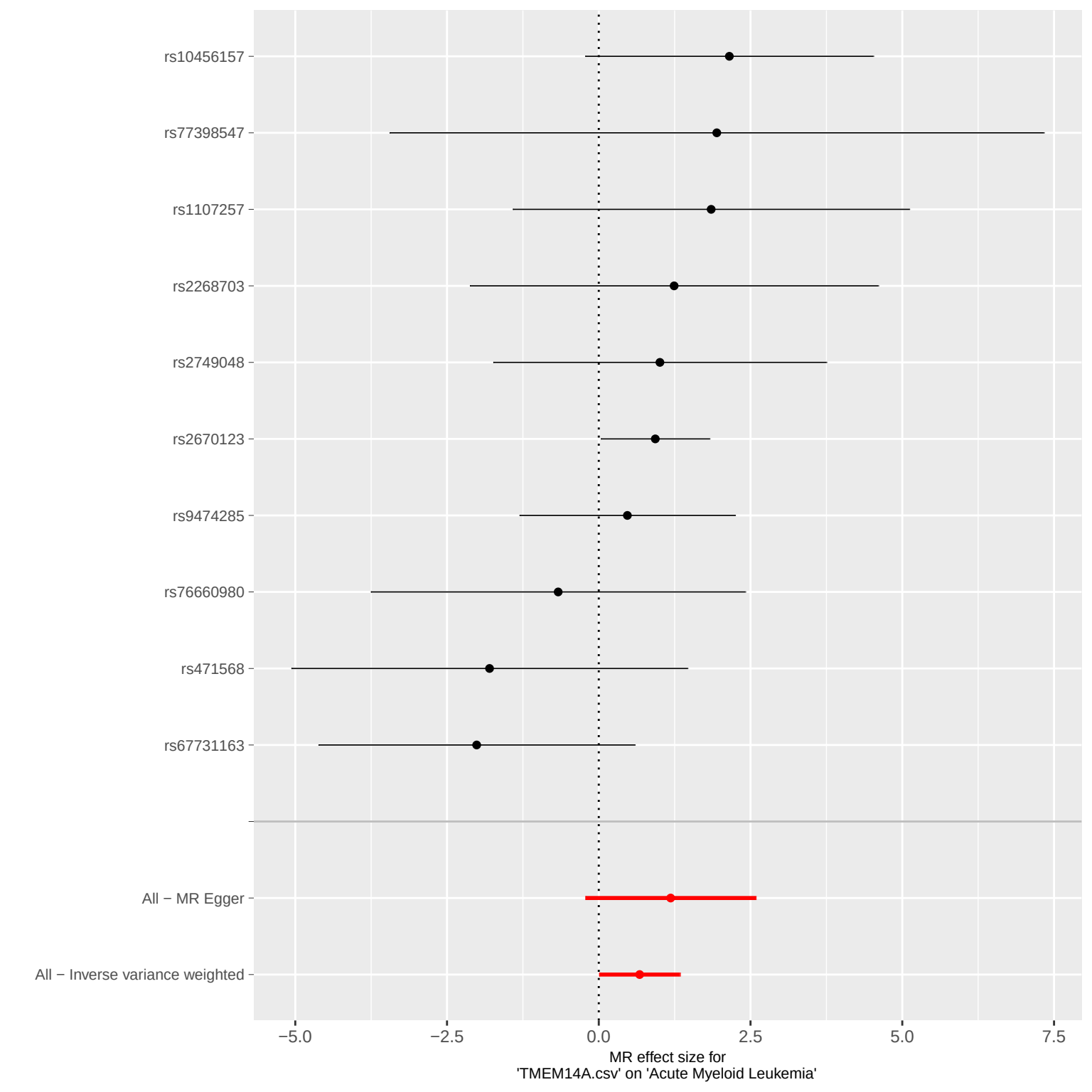
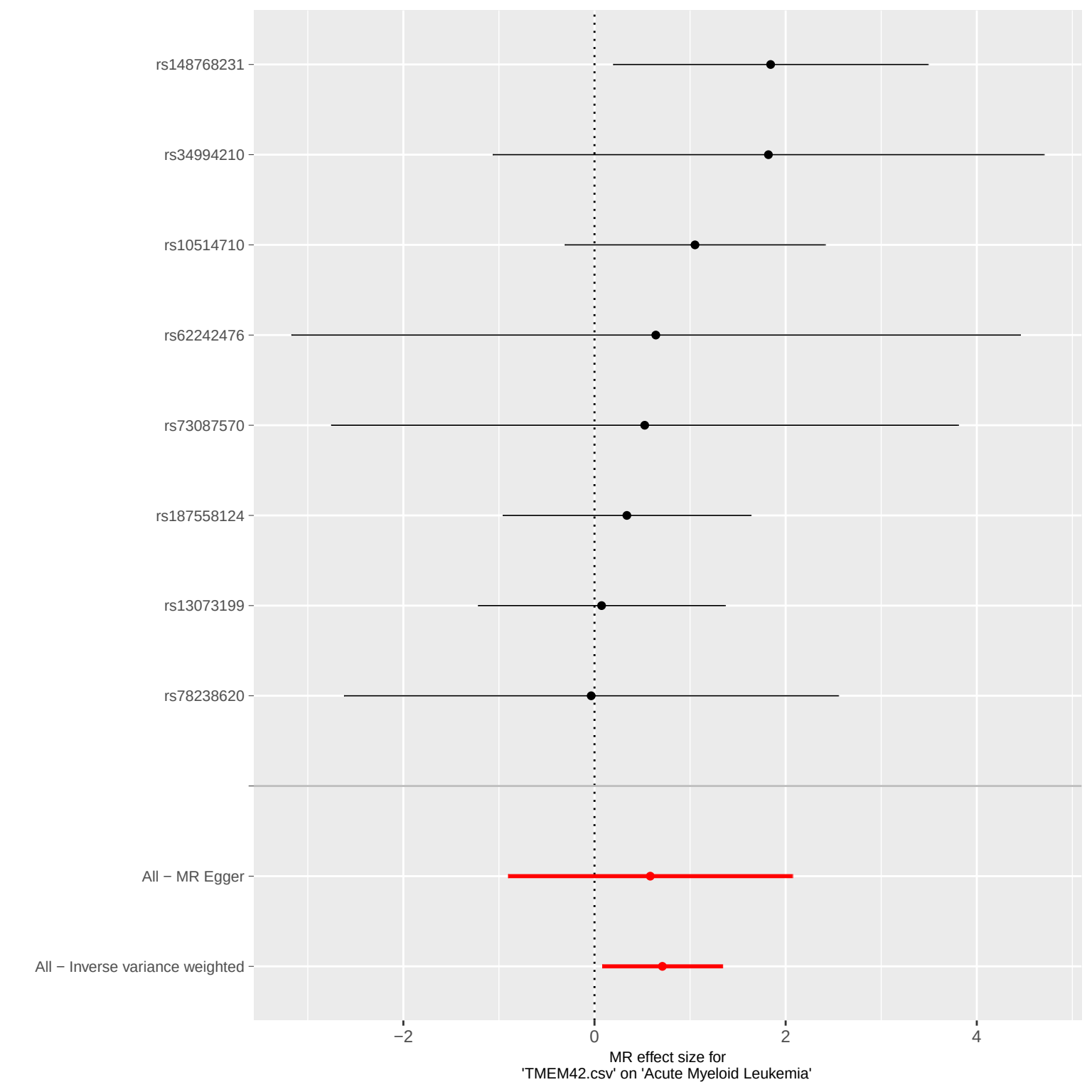
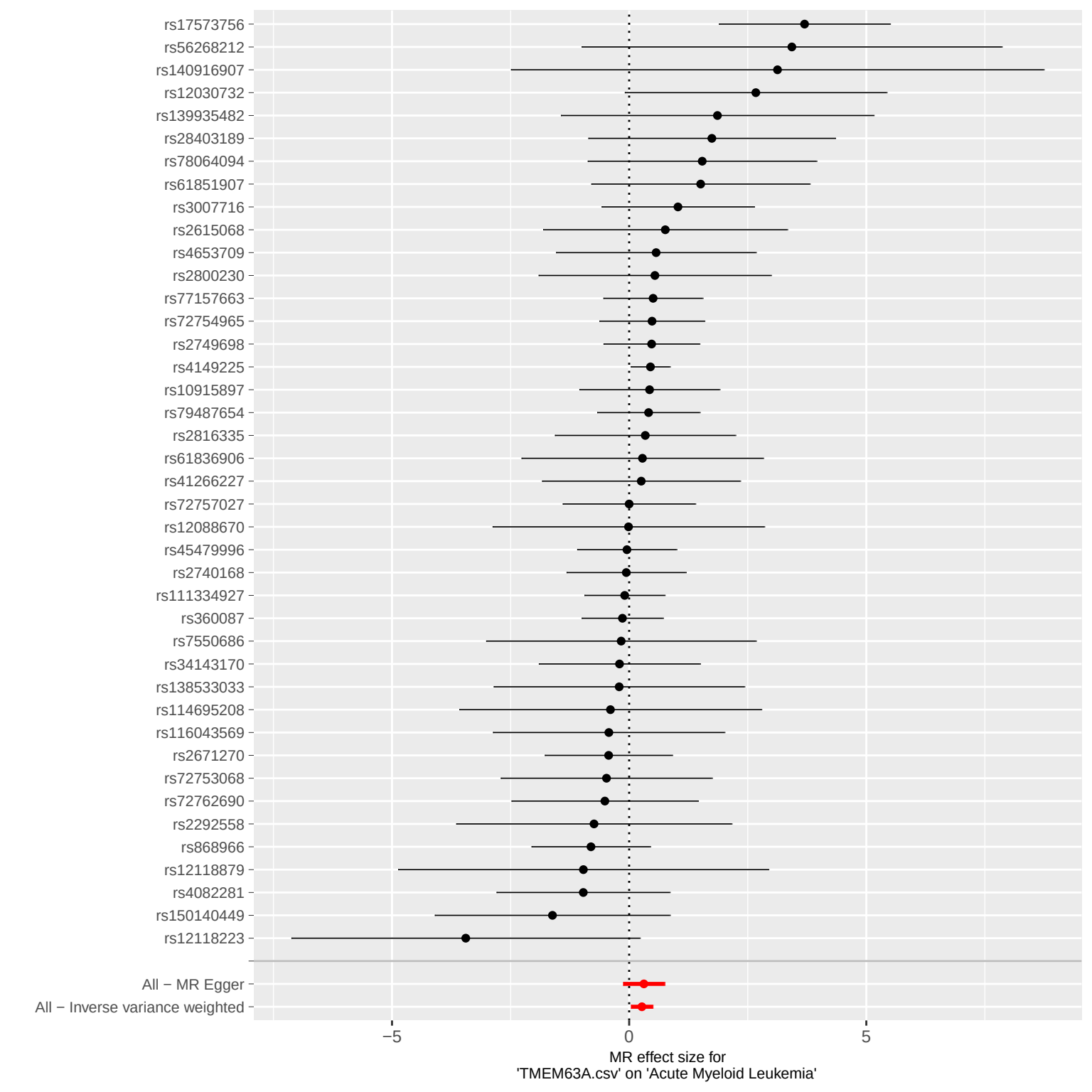
rs112562766
rs10214210
rs114422170
rs28404158
rs138844653
rs111970893
rs142207381
rs185903163
rs111288872
rs74644548
rs335485
rs6601066
rs189088371
rs55763804
rs75818573
rs7710333
rs149598490
rs4976649
rs72815154
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'TMED9.csv' on 'Acute Myeloid Leukemia'


rs77417799
rs11606589
rs147460615
rs61875929
rs4910431
rs56709541
rs1900271
rs80318816
rs1835790
rs12296005
rs4929908
rs3751051
rs12291138
rs6486199
rs2742470
rs10769944
rs11042427
rs10840212
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TMEM9B.csv' on 'Acute Myeloid Leukemia'


rs10456157
rs77398547
rs1107257
rs2268703
rs2749048
rs2670123
rs9474285
rs76660980
rs471568
rs67731163
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'TMEM14A.csv' on 'Acute Myeloid Leukemia'


rs148768231
rs34994210
rs10514710
rs62242476
rs73087570
rs187558124
rs13073199
rs78238620
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TMEM42.csv' on 'Acute Myeloid Leukemia'


rs17573756
rs56268212
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rs12030732
rs139935482
rs28403189
rs78064094
rs61851907
rs3007716
rs2615068
rs4653709
rs2800230
rs77157663
rs72754965
rs2749698
rs4149225
rs10915897
rs79487654
rs2816335
rs61836906
rs41266227
rs72757027
rs12088670
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rs2740168
rs111334927
rs360087
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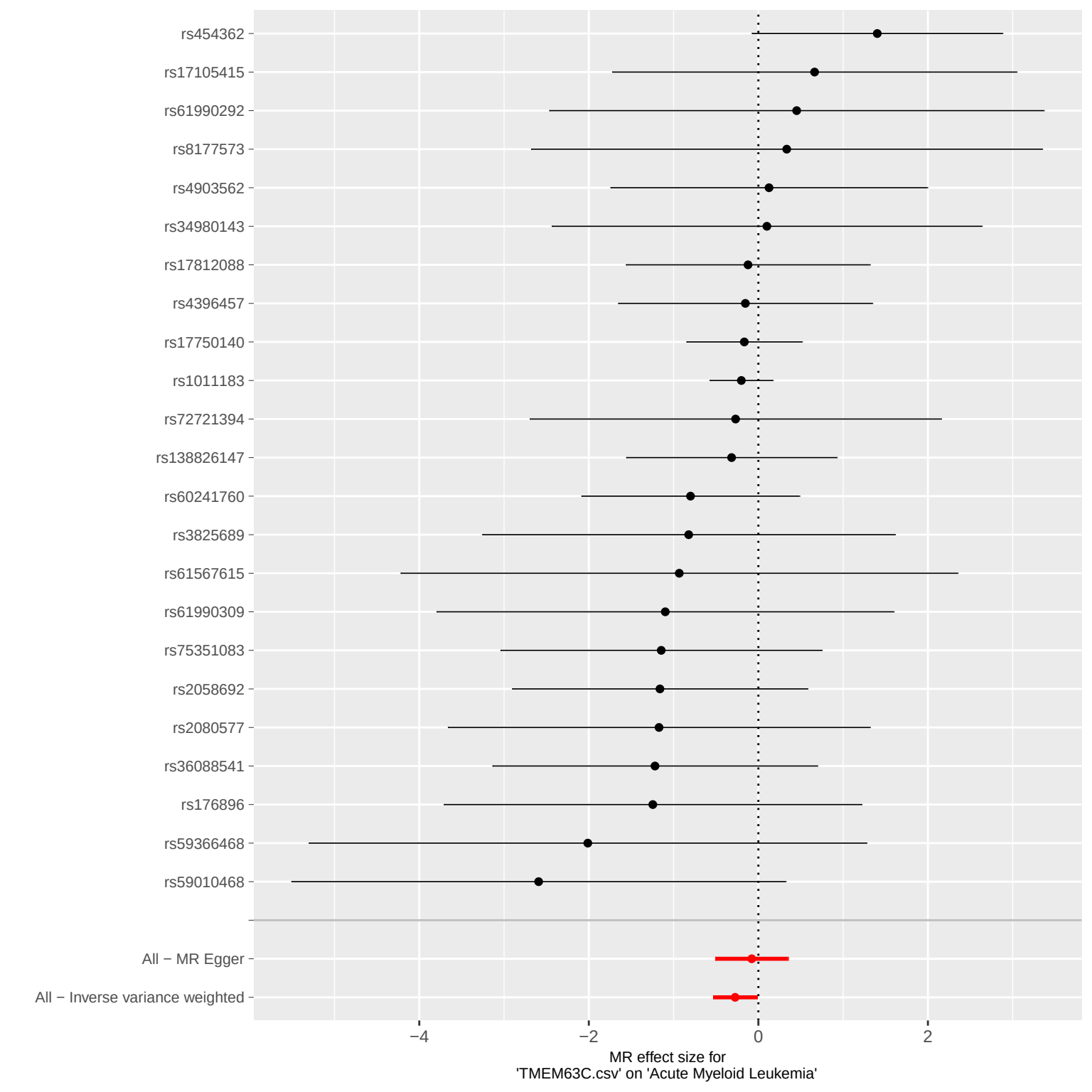
rs34143170
rs138533033
rs114695208
rs116043569
rs2671270
rs72753068
rs72762690
rs2292558
rs868966
rs12118879
rs4082281
rs150140449
rs12118223
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TMEM63A.csv' on 'Acute Myeloid Leukemia'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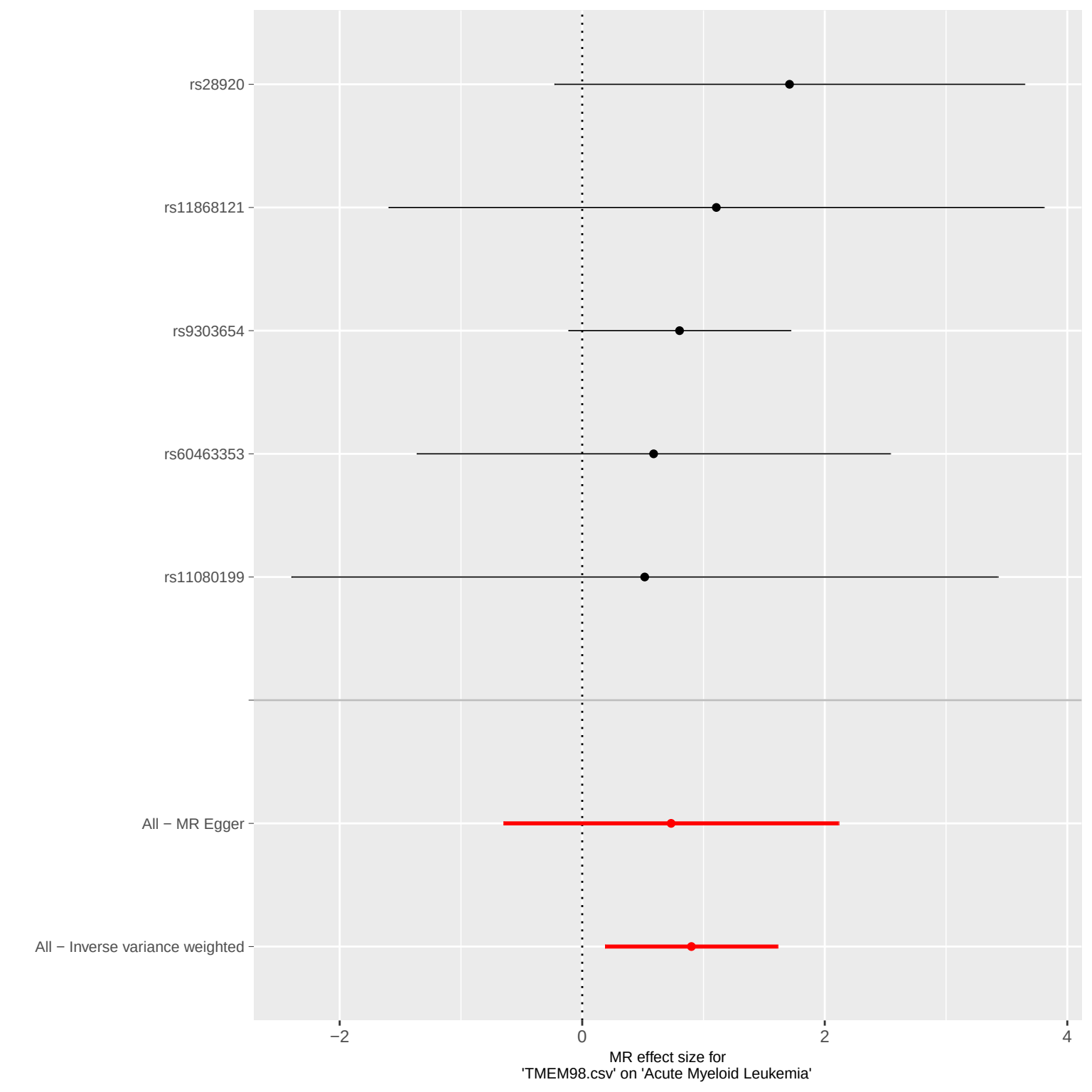
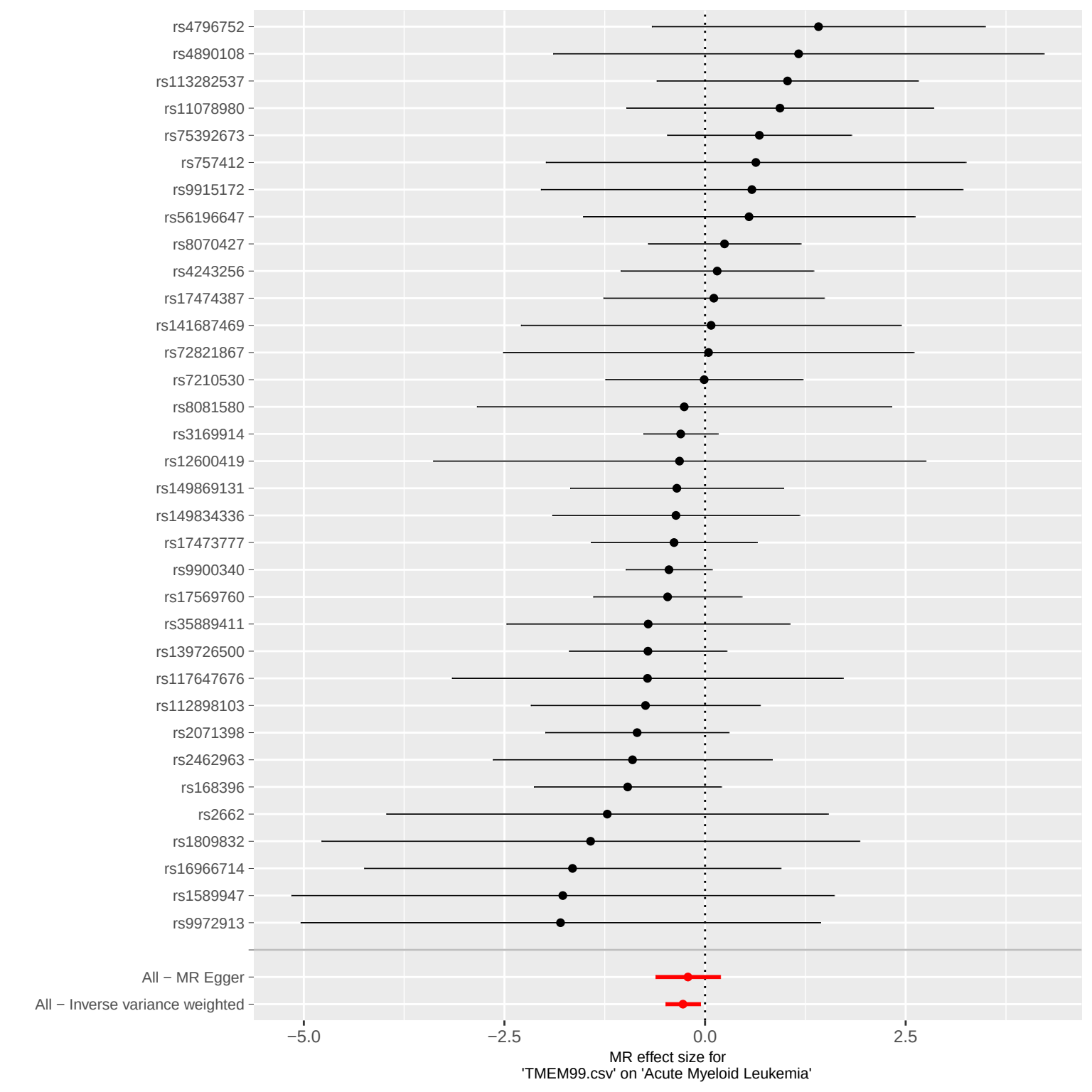
rs17105415
rs61990292
rs8177573
rs4903562
rs34980143
rs17812088
rs4396457
rs17750140
rs1011183
rs72721394
rs138826147
rs60241760
rs3825689
rs61567615
rs61990309
rs75351083
rs2058692
rs2080577
rs36088541
rs176896
rs59366468
rs59010468
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TMEM63C.csv' on 'Acute Myeloid Leukemia'


rs28920
rs11868121
rs9303654
rs60463353
rs11080199
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TMEM98.csv' on 'Acute Myeloid Leukemia'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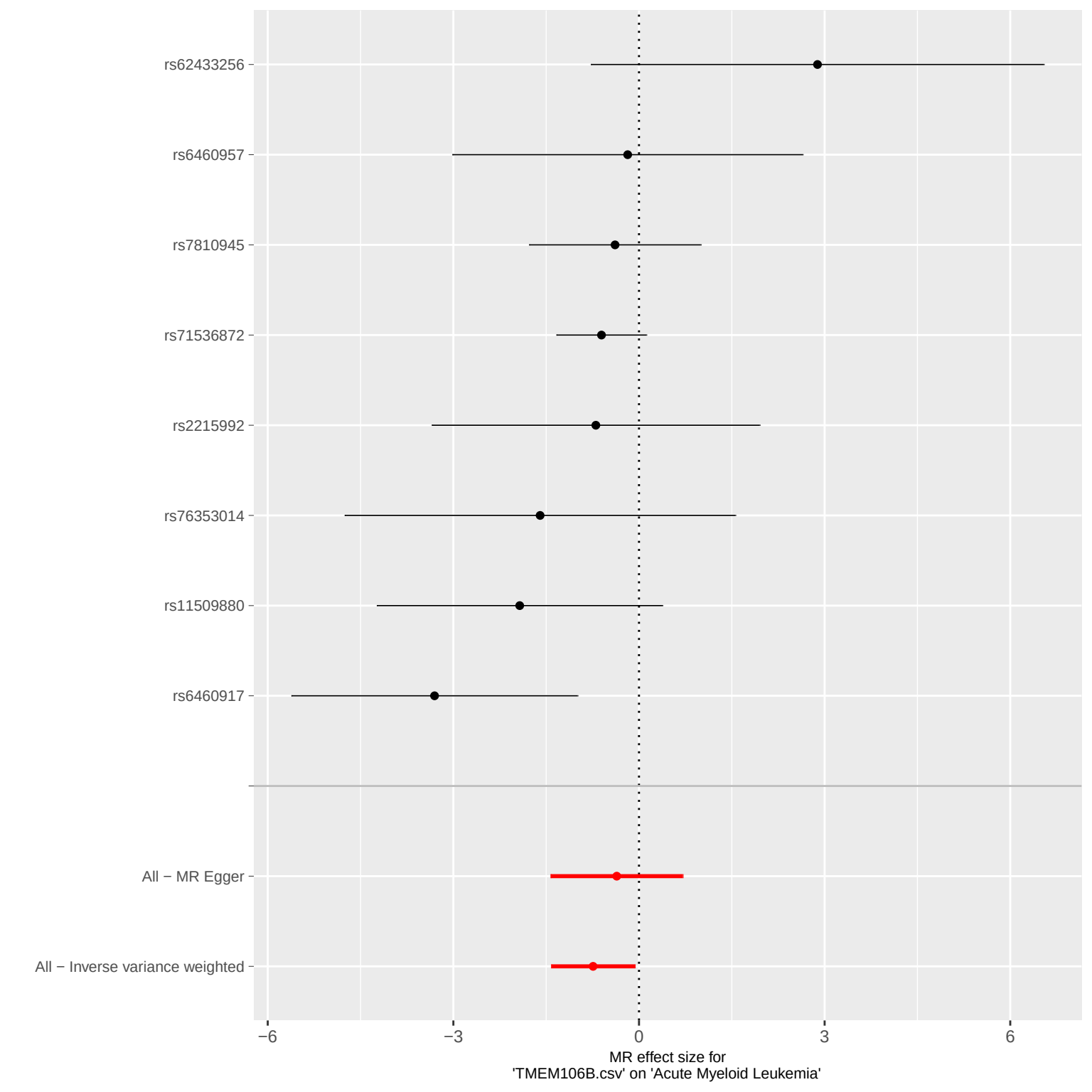
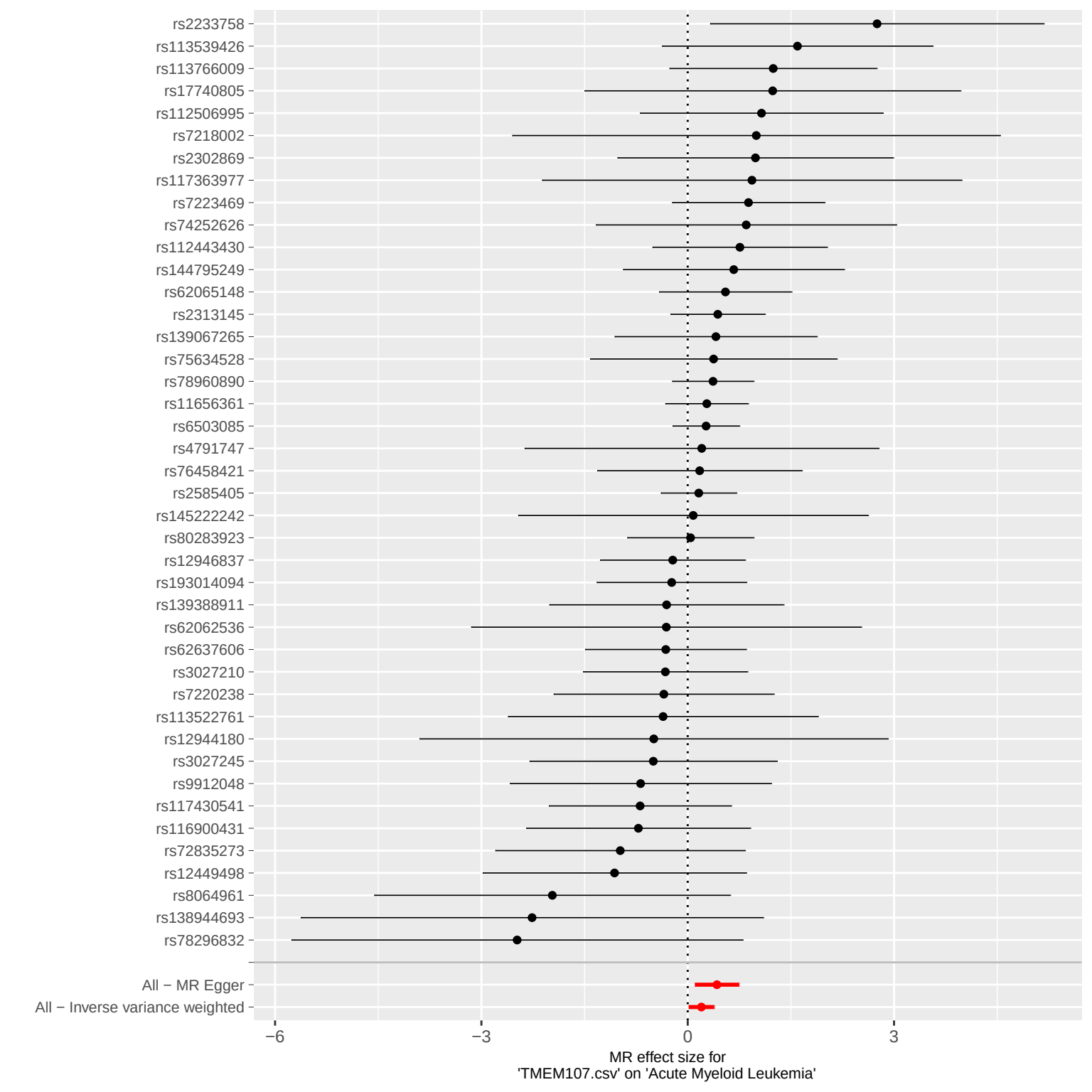
rs4890108
rs113282537
rs11078980
rs75392673
rs757412
rs9915172
rs56196647
rs8070427
rs4243256
rs17474387
rs141687469
rs72821867
rs7210530
rs8081580
rs3169914
rs12600419
rs149869131
rs149834336
rs17473777
rs9900340
rs17569760
rs35889411
rs139726500
rs117647676
rs112898103
rs2071398
rs2462963
rs168396
rs2662
rs1809832
rs16966714
rs1589947
rs9972913
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TMEM99.csv' on 'Acute Myeloid Leukemia'


rs62433256
rs6460957
rs7810945
rs71536872
rs2215992
rs76353014
rs11509880
rs6460917
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TMEM106B.csv' on 'Acute Myeloid Leukemia'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rs113539426
rs113766009
rs17740805
rs112506995
rs7218002
rs2302869
rs117363977
rs7223469
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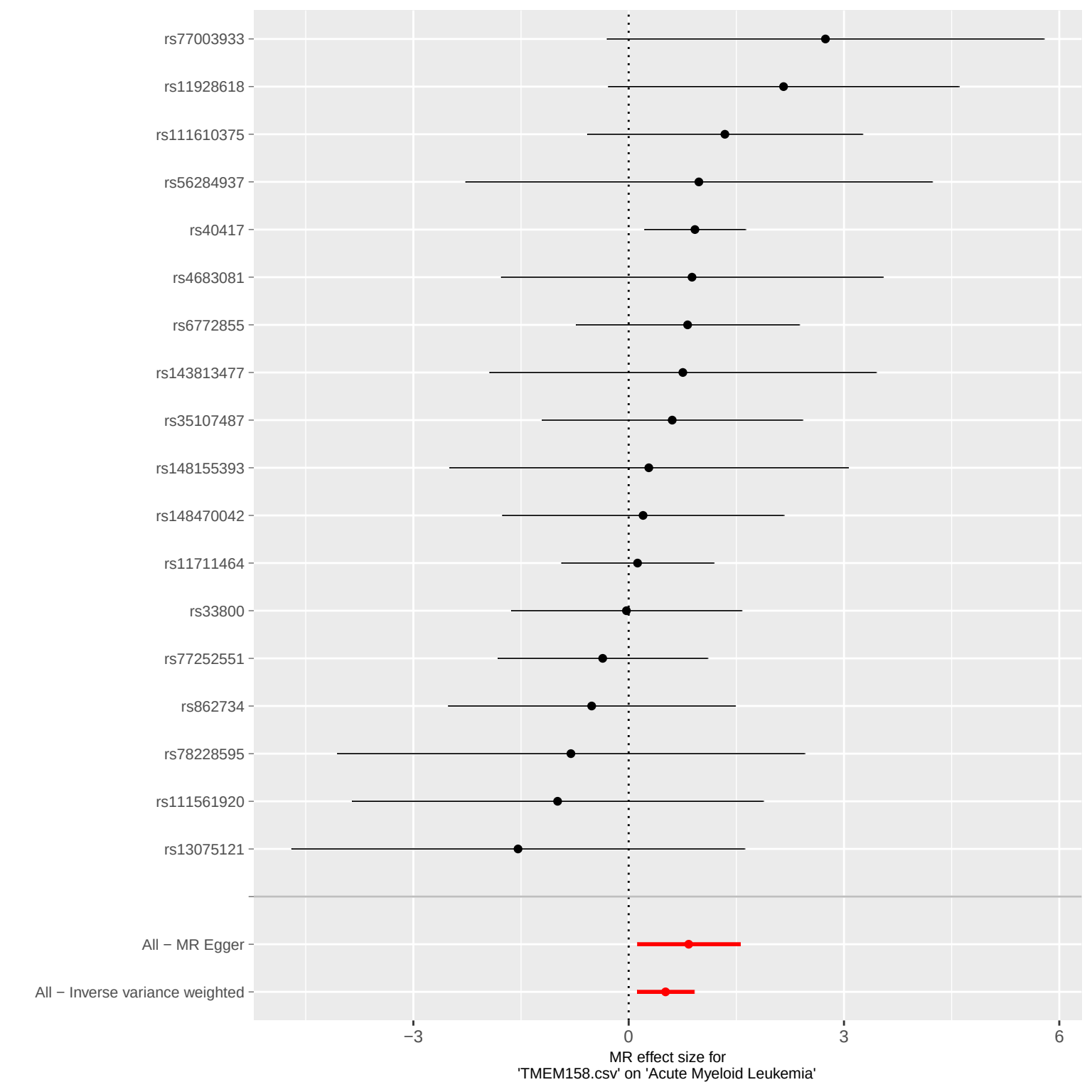
rs112443430
rs144795249
rs62065148
rs2313145
rs139067265
rs75634528
rs78960890
rs11656361
rs6503085
rs4791747
rs76458421
rs2585405
rs145222242
rs80283923
rs12946837
rs193014094
rs139388911
rs62062536
rs62637606
rs3027210
rs7220238
rs113522761
rs12944180
rs3027245
rs9912048
rs117430541
rs116900431
rs72835273
rs12449498
rs8064961
rs138944693
rs78296832
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'TMEM107.csv' on 'Acute Myeloid Leukemia'


rs77003933
rs11928618
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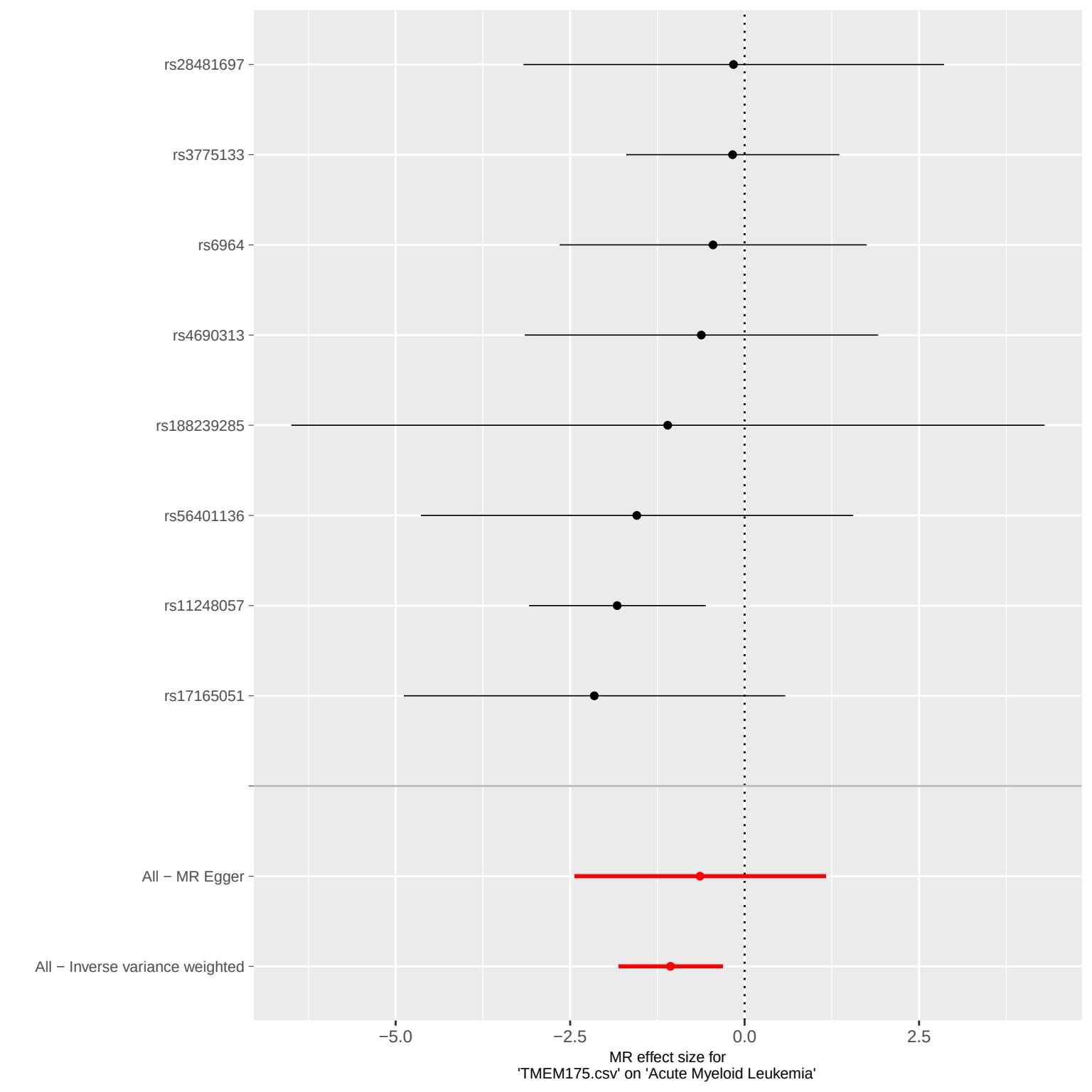
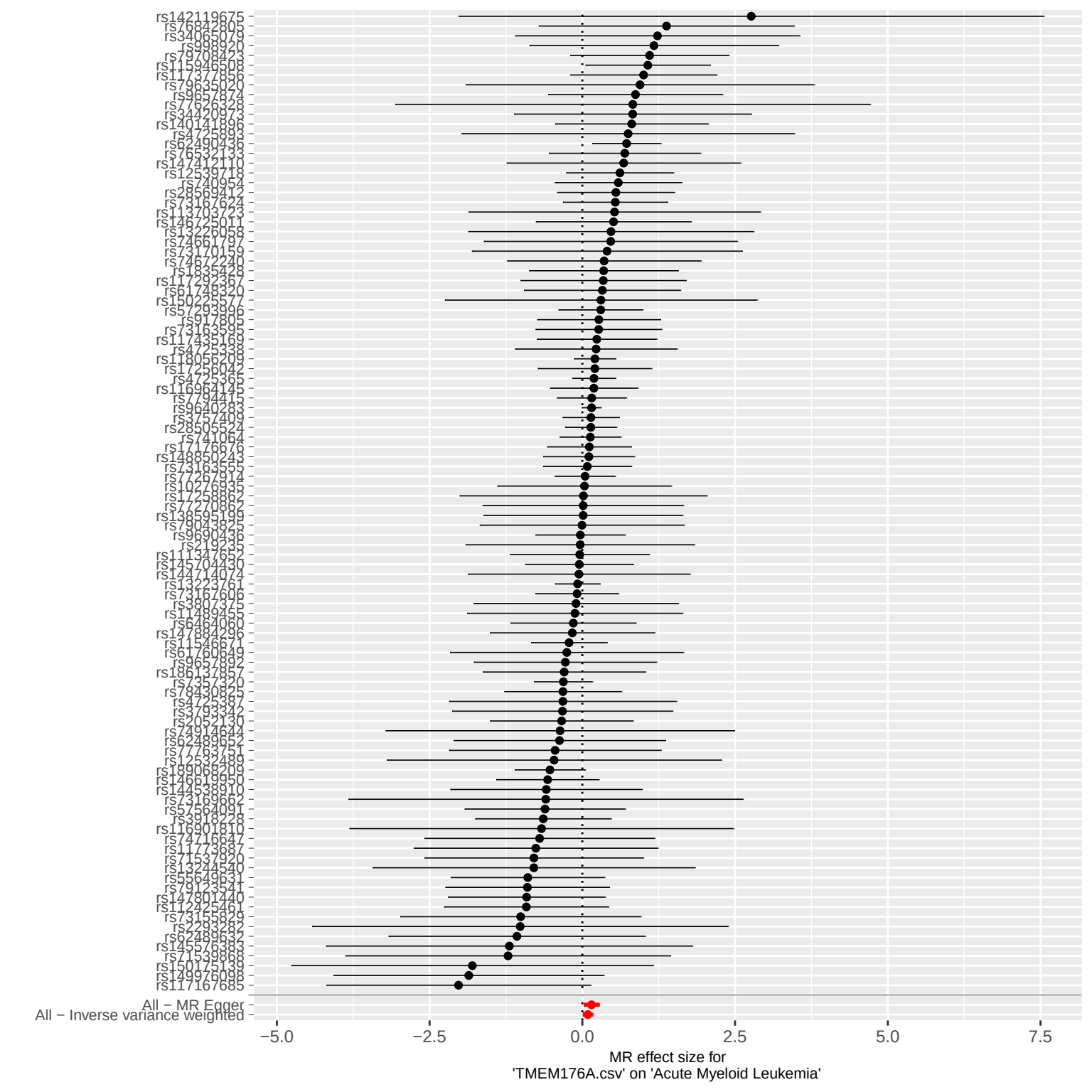
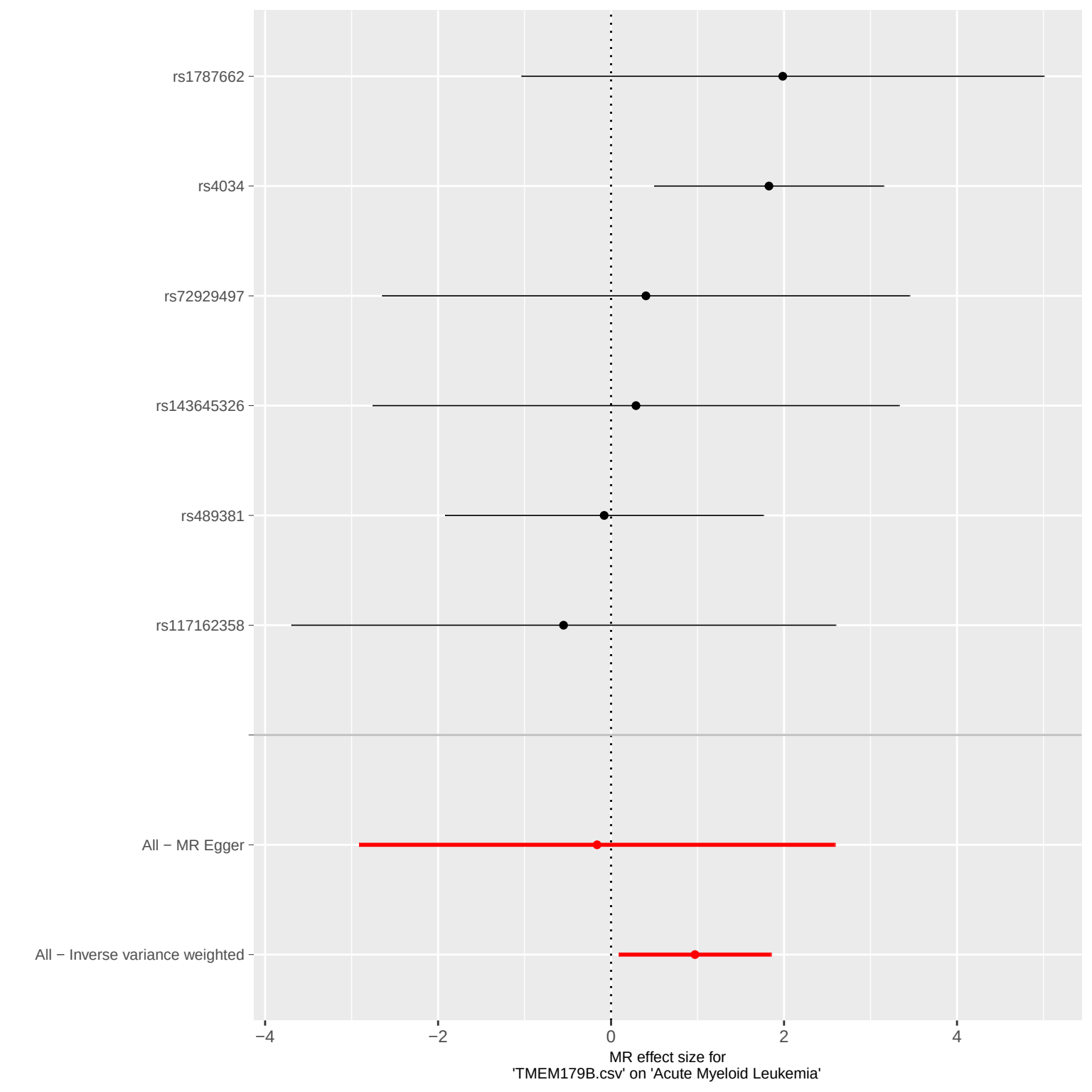
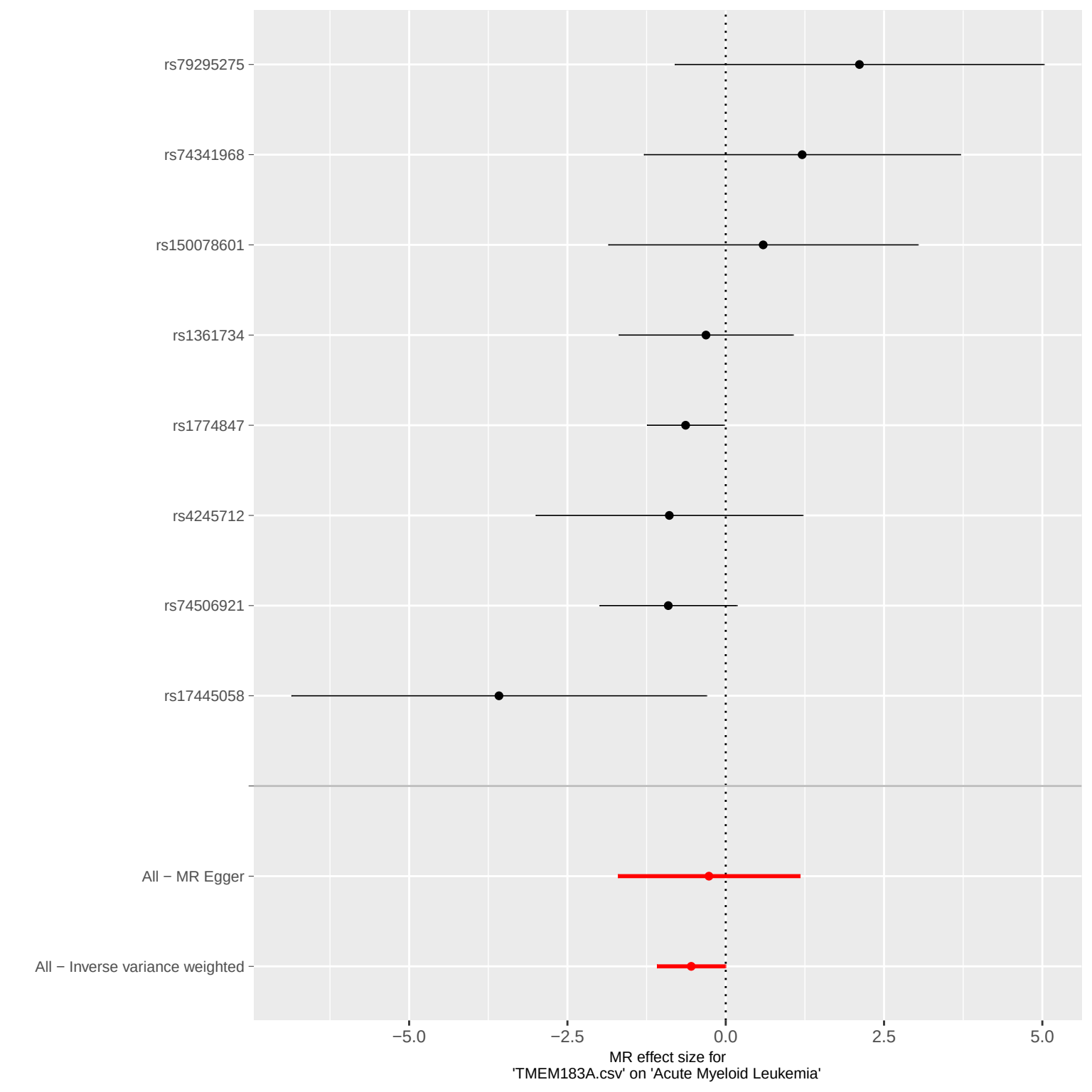
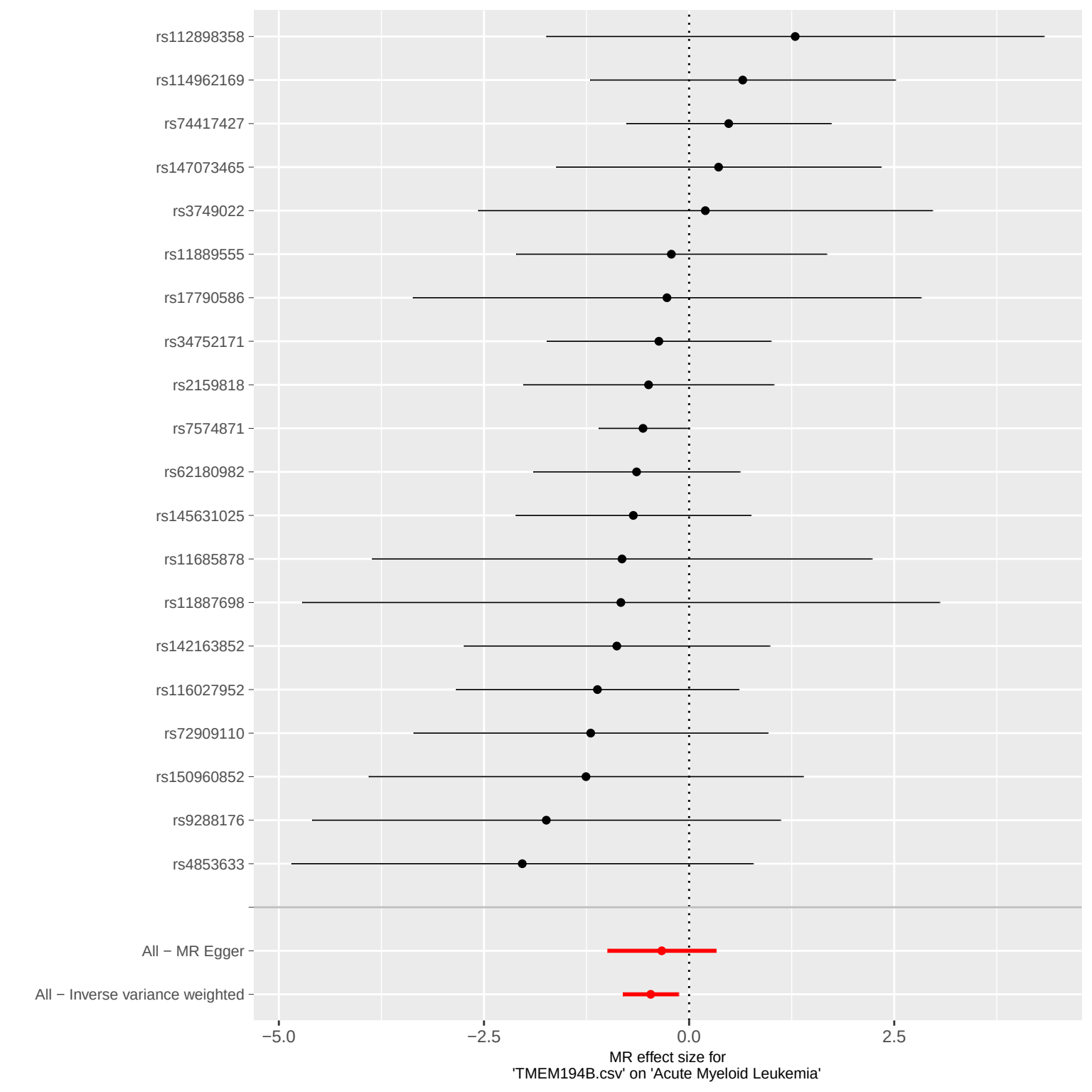
rs40417
rs4683081
rs6772855
rs143813477
rs35107487
rs148155393
rs148470042
rs11711464
rs33800
rs77252551
rs862734
rs78228595
rs111561920
rs13075121
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'TMEM158.csv' on 'Acute Myeloid Leukemia'


rs28481697
rs3775133
rs6964
rs4690313
rs188239285
rs56401136
rs11248057
rs17165051
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TMEM175.csv' on 'Acute Myeloid Leukemia'


All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'TMEM176A.csv' on 'Acute Myeloid Leukemia'


rs1787662
rs4034
rs72929497
rs143645326
rs489381
rs117162358
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'TMEM179B.csv' on 'Acute Myeloid Leukemia'


rs79295275
rs74341968
rs150078601
rs1361734
rs1774847
rs4245712
rs74506921
rs17445058
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TMEM183A.csv' on 'Acute Myeloid Leukemia'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rs34752171
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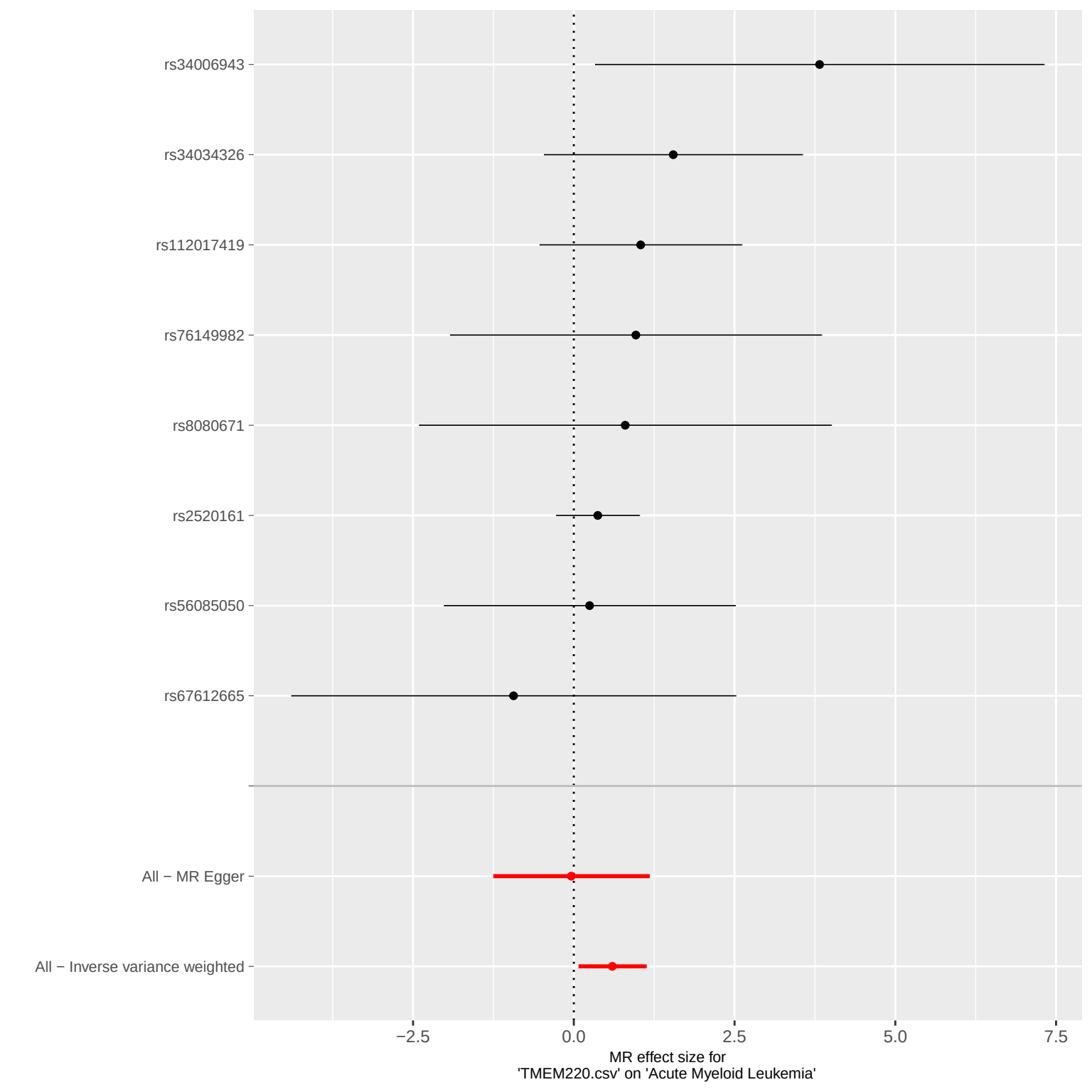
rs62180982
rs145631025
rs11685878
rs11887698
rs142163852
rs116027952
rs72909110
rs150960852
rs9288176
rs4853633
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TMEM194B.csv' on 'Acute Myeloid Leukemia'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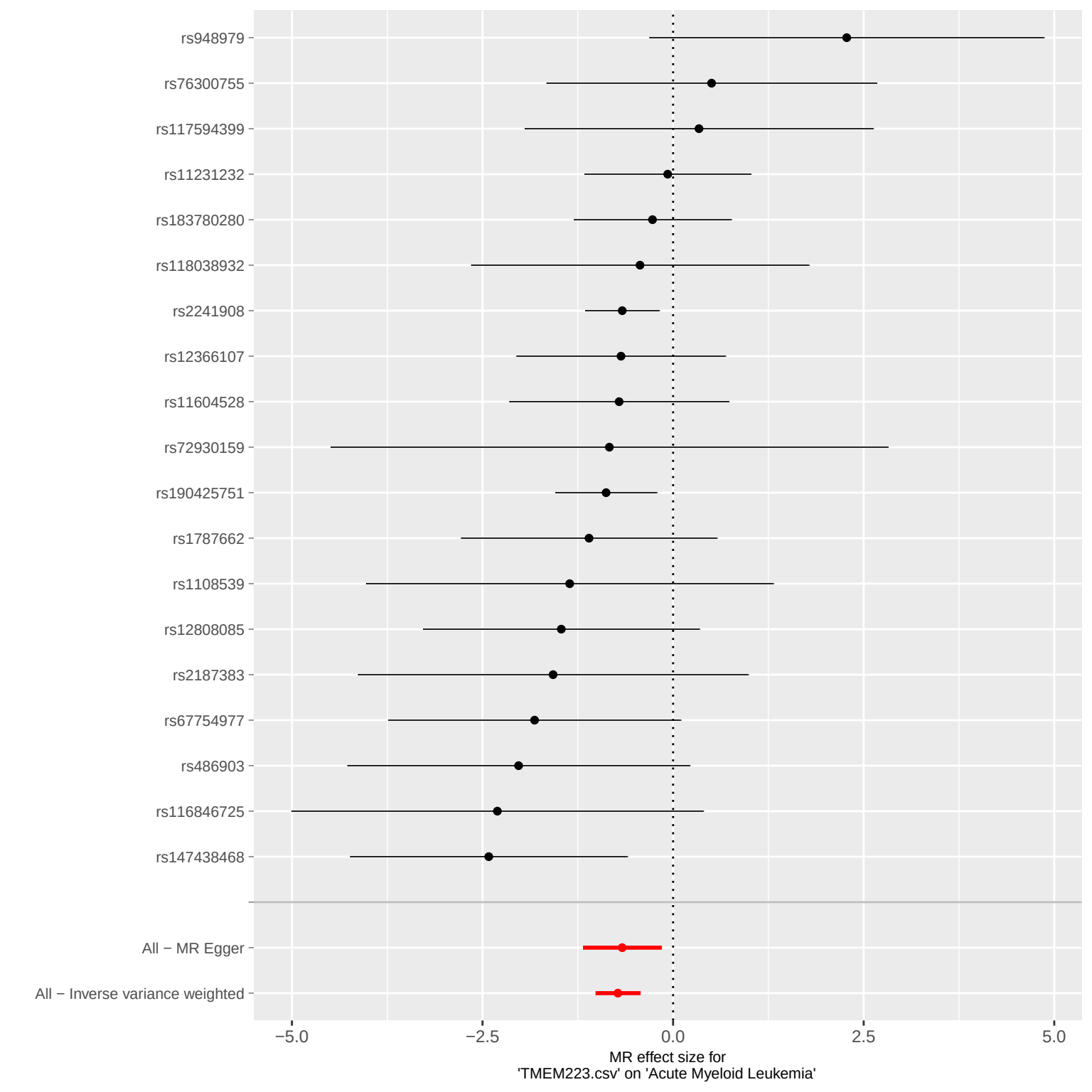
rs112017419
rs76149982
rs8080671
rs2520161
rs56085050
rs67612665
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'TMEM220.csv' on 'Acute Myeloid Leukemia'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rs183780280
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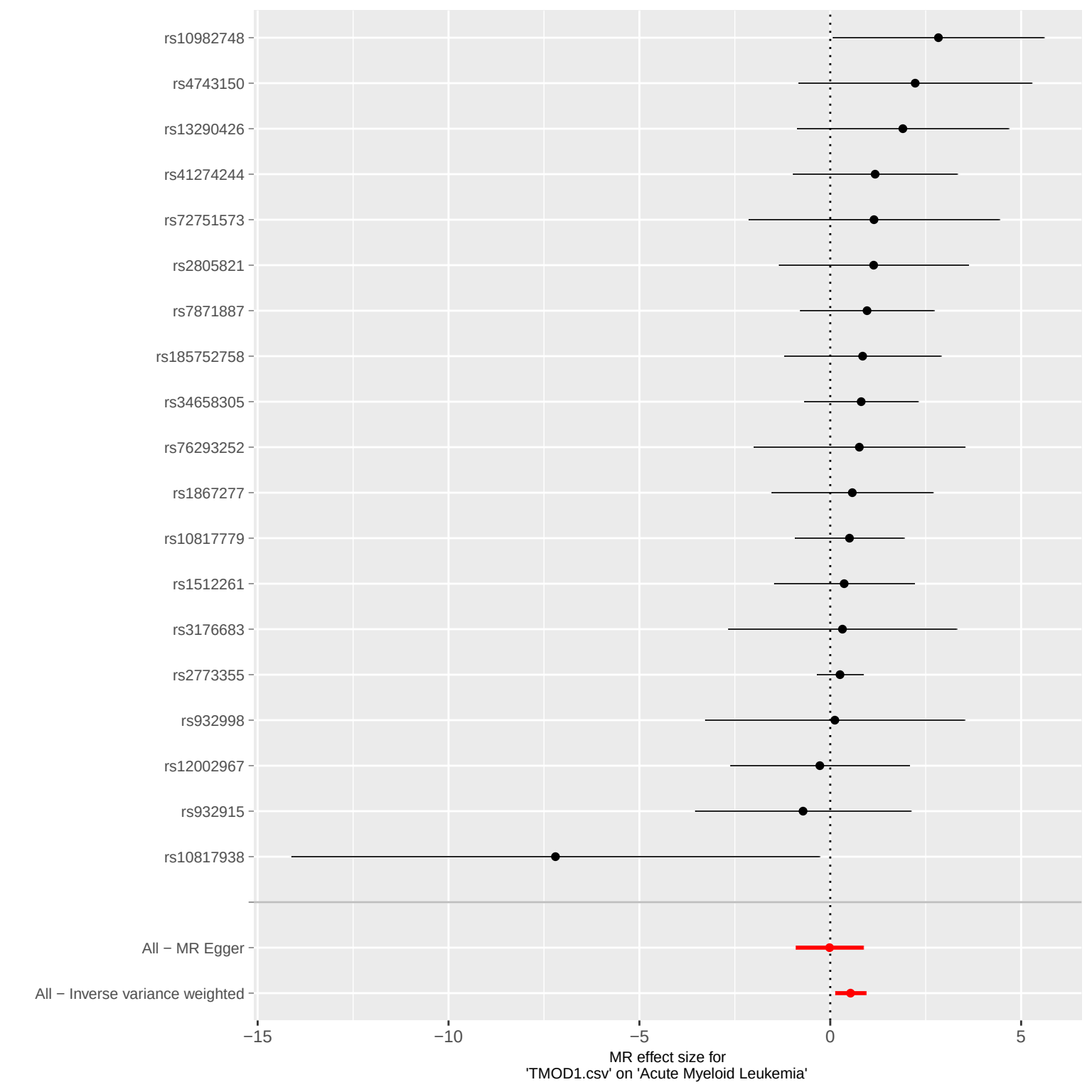
rs12366107
rs11604528
rs72930159
rs190425751
rs1787662
rs1108539
rs12808085
rs2187383
rs67754977
rs486903
rs116846725
rs147438468
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TMEM223.csv' on 'Acute Myeloid Leukemia'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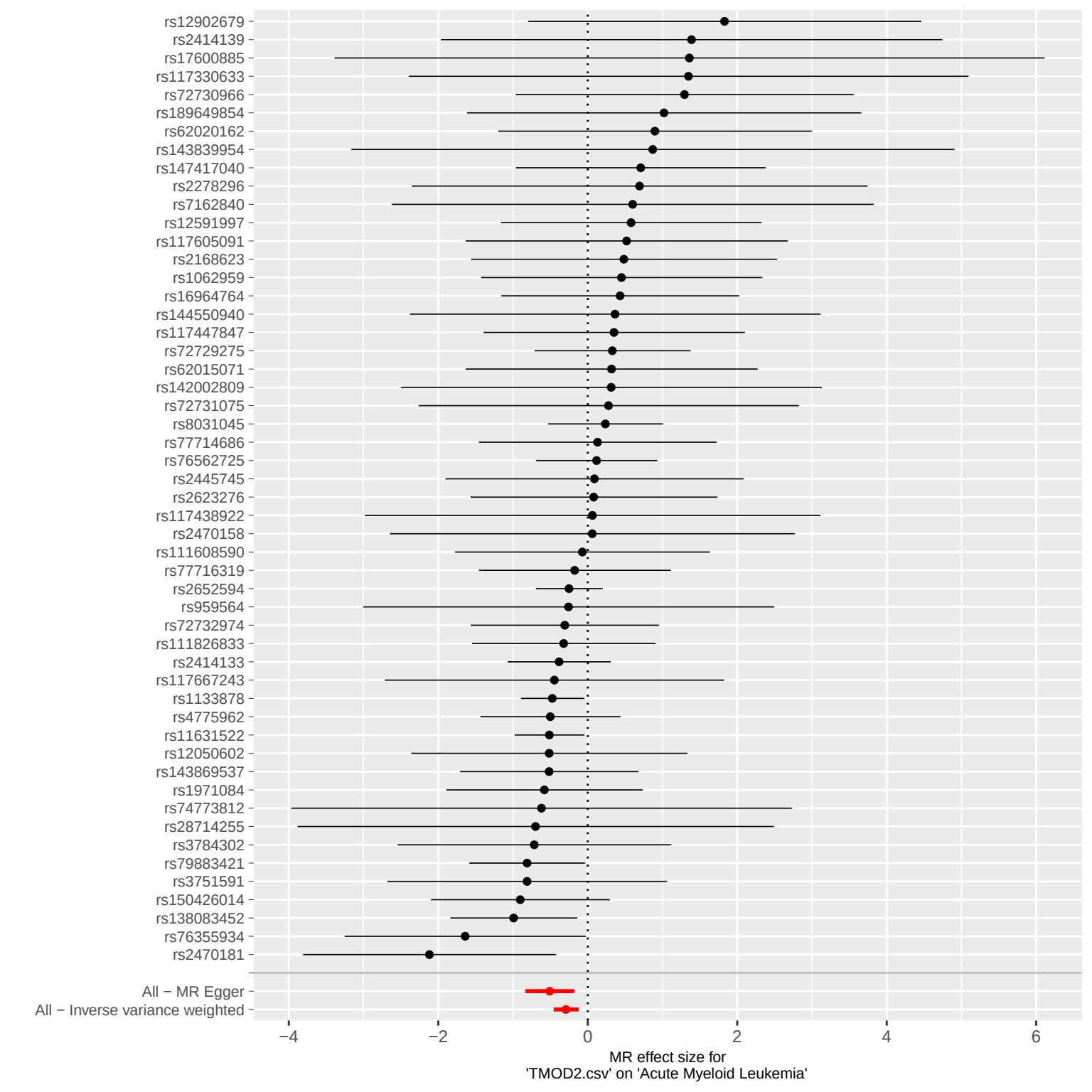
rs185752758
rs34658305
rs76293252
rs1867277
rs10817779
rs1512261
rs3176683
rs2773355
rs932998
rs12002967
rs932915
rs10817938
All − MR Egger
All − Inverse variance weighted
−15
−10
−5
0
5
MR effect size for
'TMOD1.csv' on 'Acute Myeloid Leukemia'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rs143869537
rs1971084
rs74773812
rs28714255
rs3784302
rs79883421
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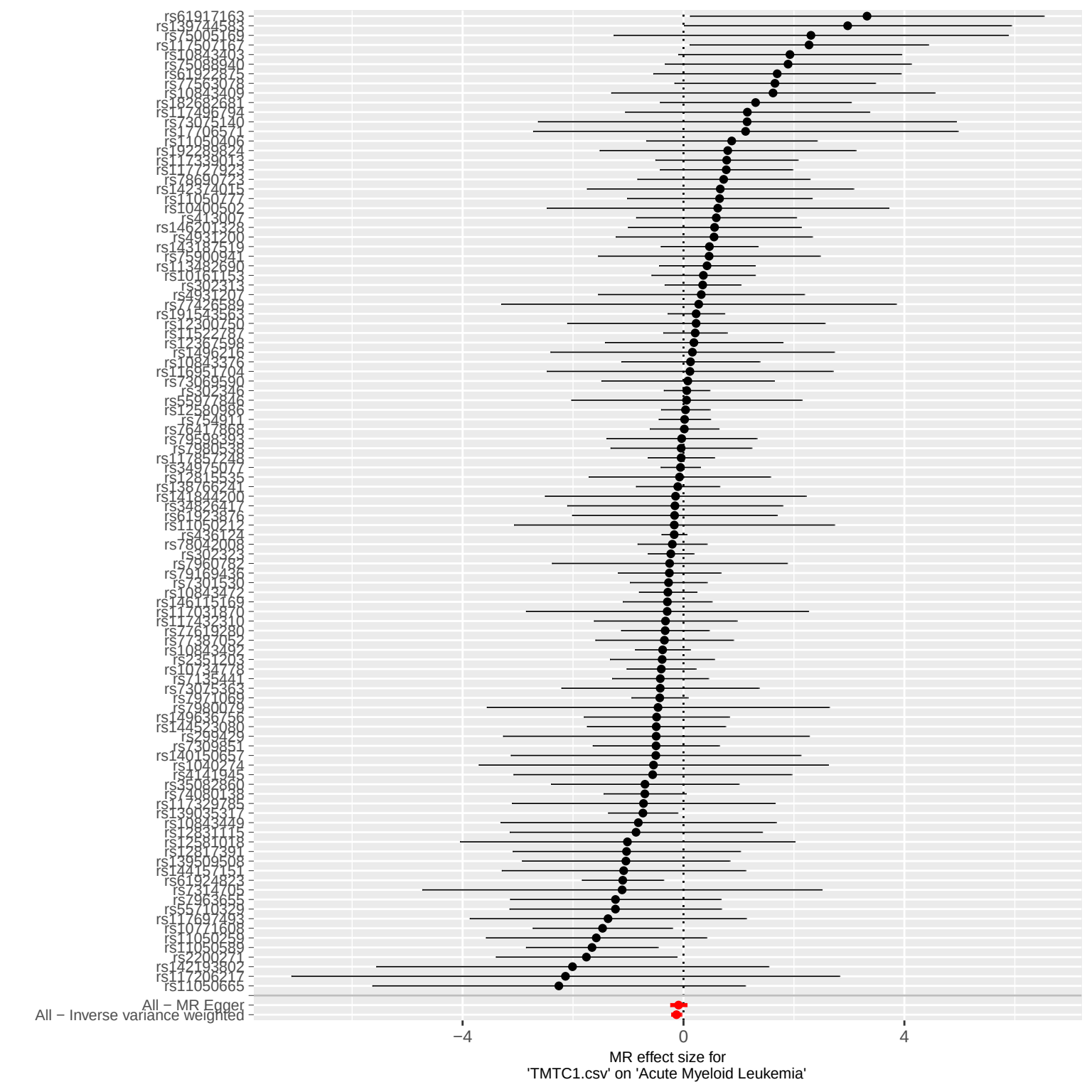
rs138083452
rs76355934
rs2470181
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'TMOD2.csv' on 'Acute Myeloid Leukemia'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rs75088940
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All − MR Egger
All − Inverse variance weighted
−4
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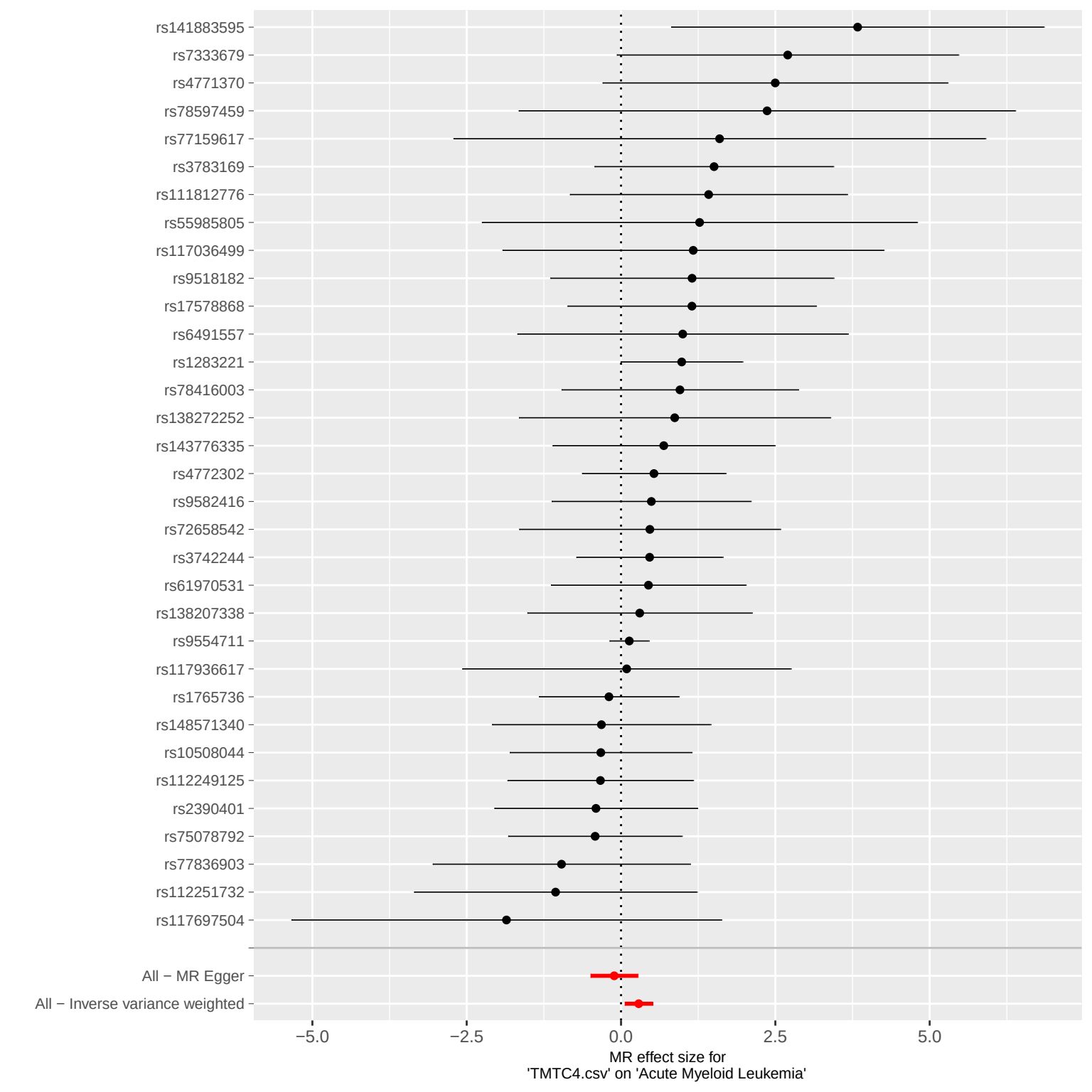
MR effect size for
'TMTC1.csv' on 'Acute Myeloid Leukemia'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rs10508044
rs112249125
rs2390401
rs75078792
rs77836903
rs112251732
rs117697504
All − MR Egger
All − Inverse variance weighted
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−2.5
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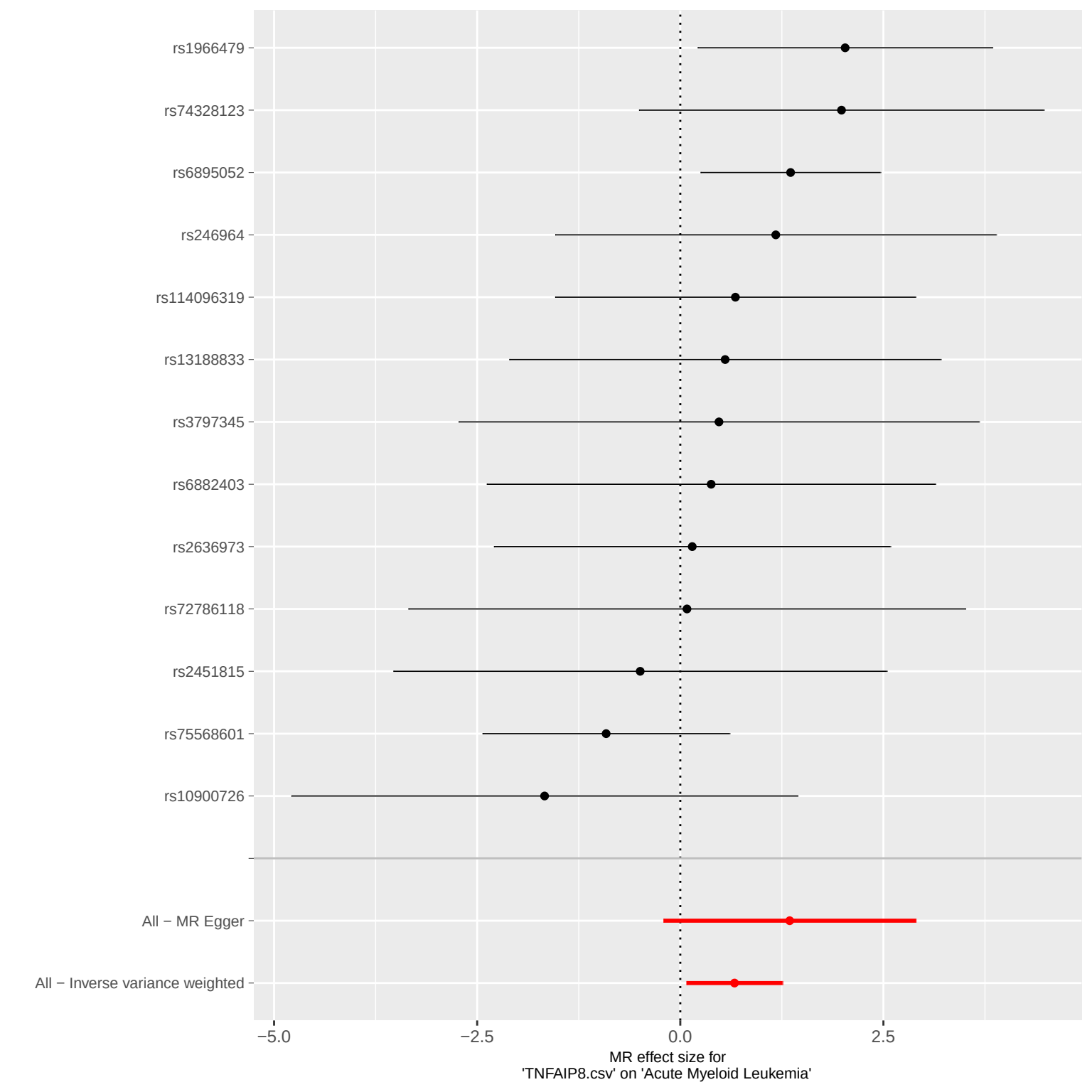
MR effect size for
'TMTC4.csv' on 'Acute Myeloid Leukemia'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rs13188833
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rs6882403
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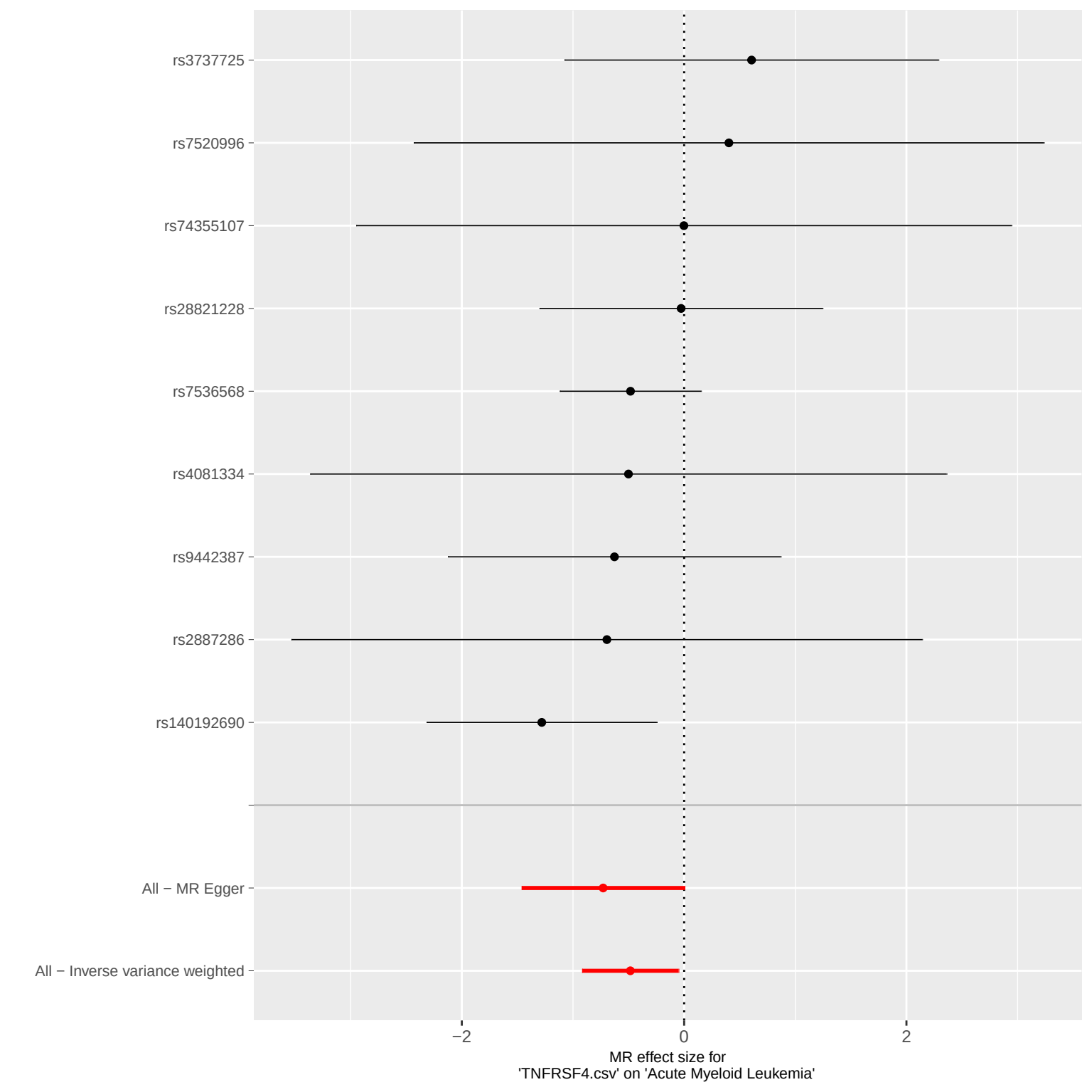
rs2451815
rs75568601
rs10900726
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TNFAIP8.csv' on 'Acute Myeloid Leukemia'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rs9442387
rs2887286
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All − MR Egger
All − Inverse variance weighted
−2
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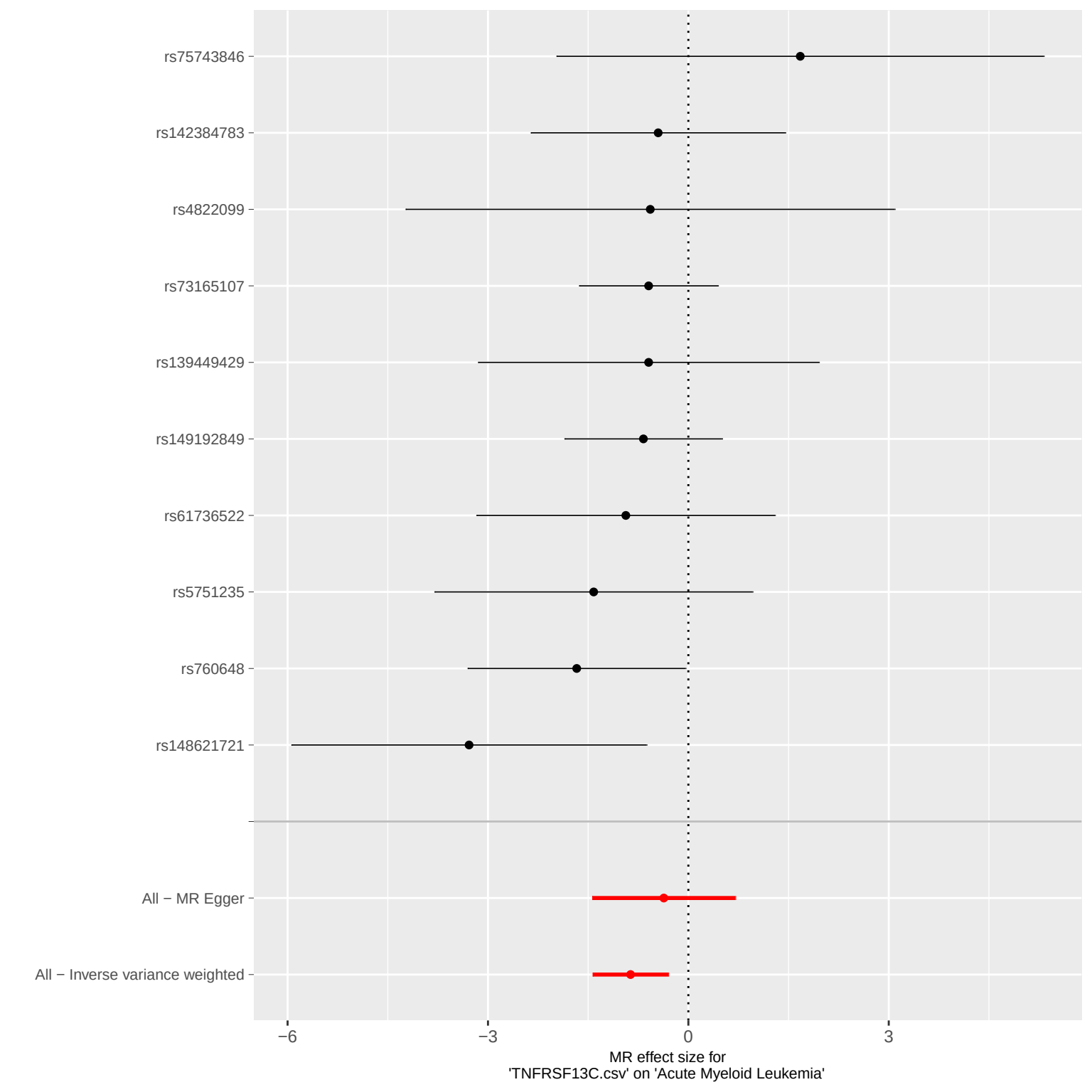
2
MR effect size for
'TNFRSF4.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
−3
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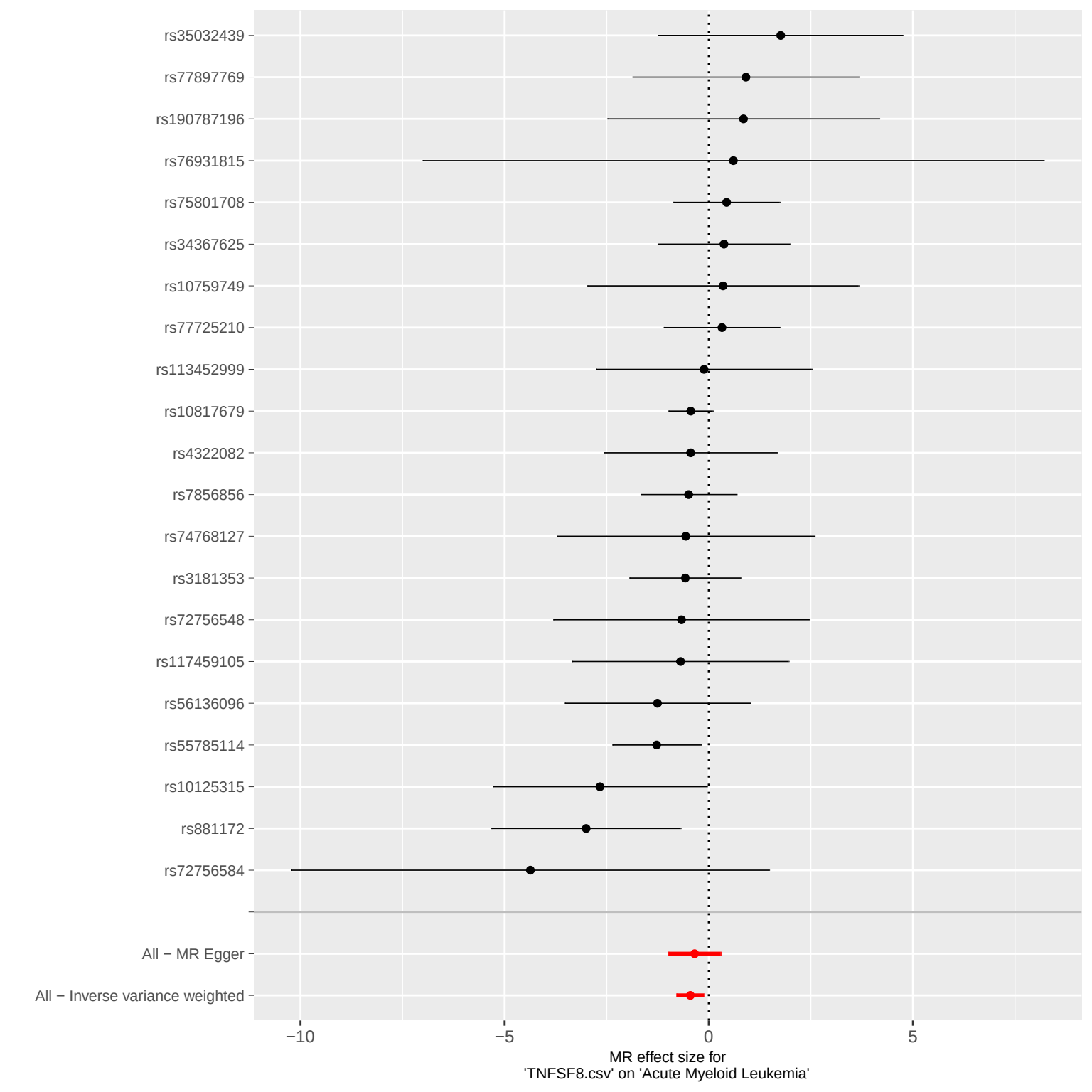
3
MR effect size for
'TNFRSF13C.csv' on 'Acute Myeloid Leukemia'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rs4322082
rs7856856
rs74768127
rs3181353
rs72756548
rs117459105
rs56136096
rs55785114
rs10125315
rs881172
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All − MR Egger
All − Inverse variance weighted
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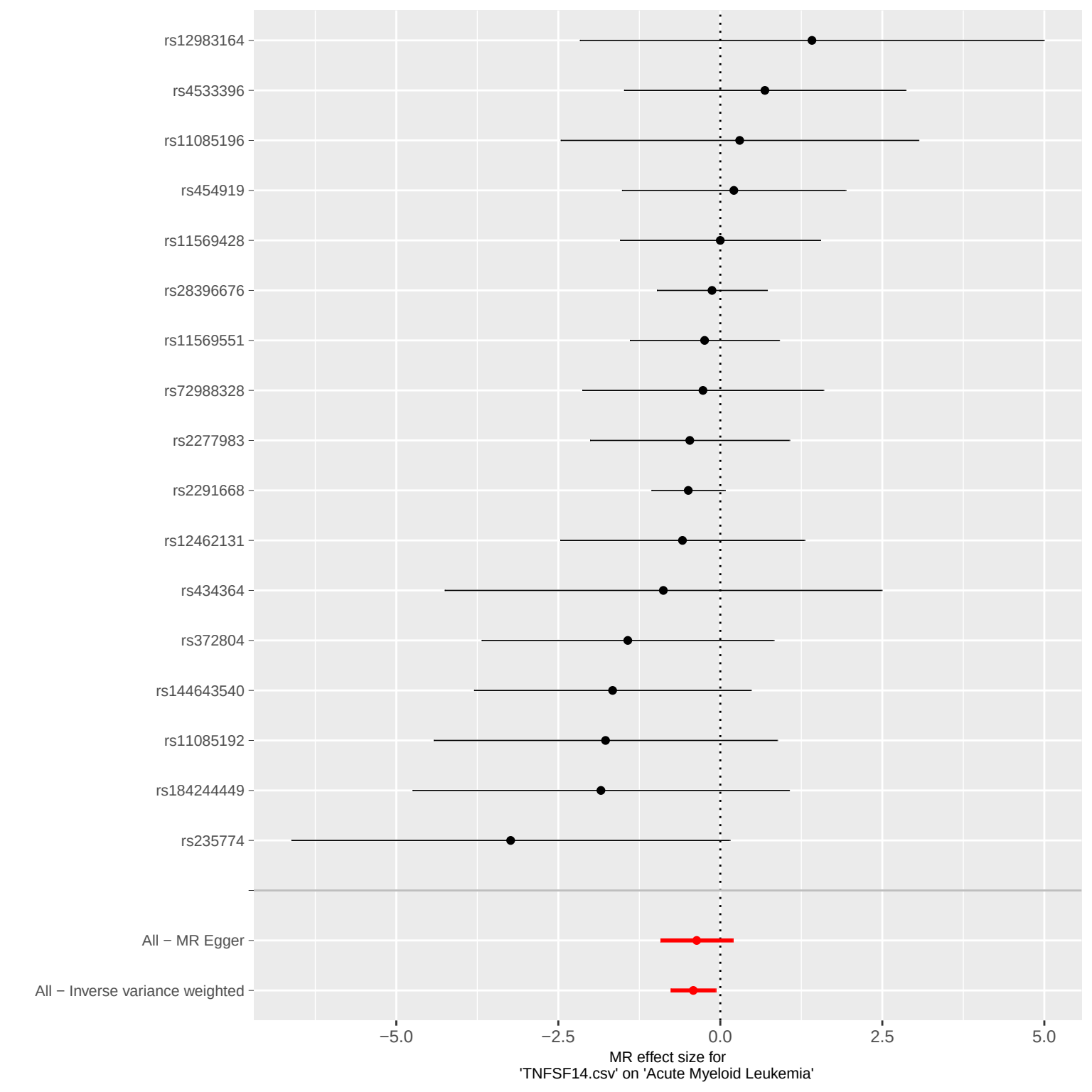
−5
0
5
MR effect size for
'TNFSF8.csv' on 'Acute Myeloid Leukemia'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rs2277983
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rs372804
rs144643540
rs11085192
rs184244449
rs235774
All − MR Egger
All − Inverse variance weighted
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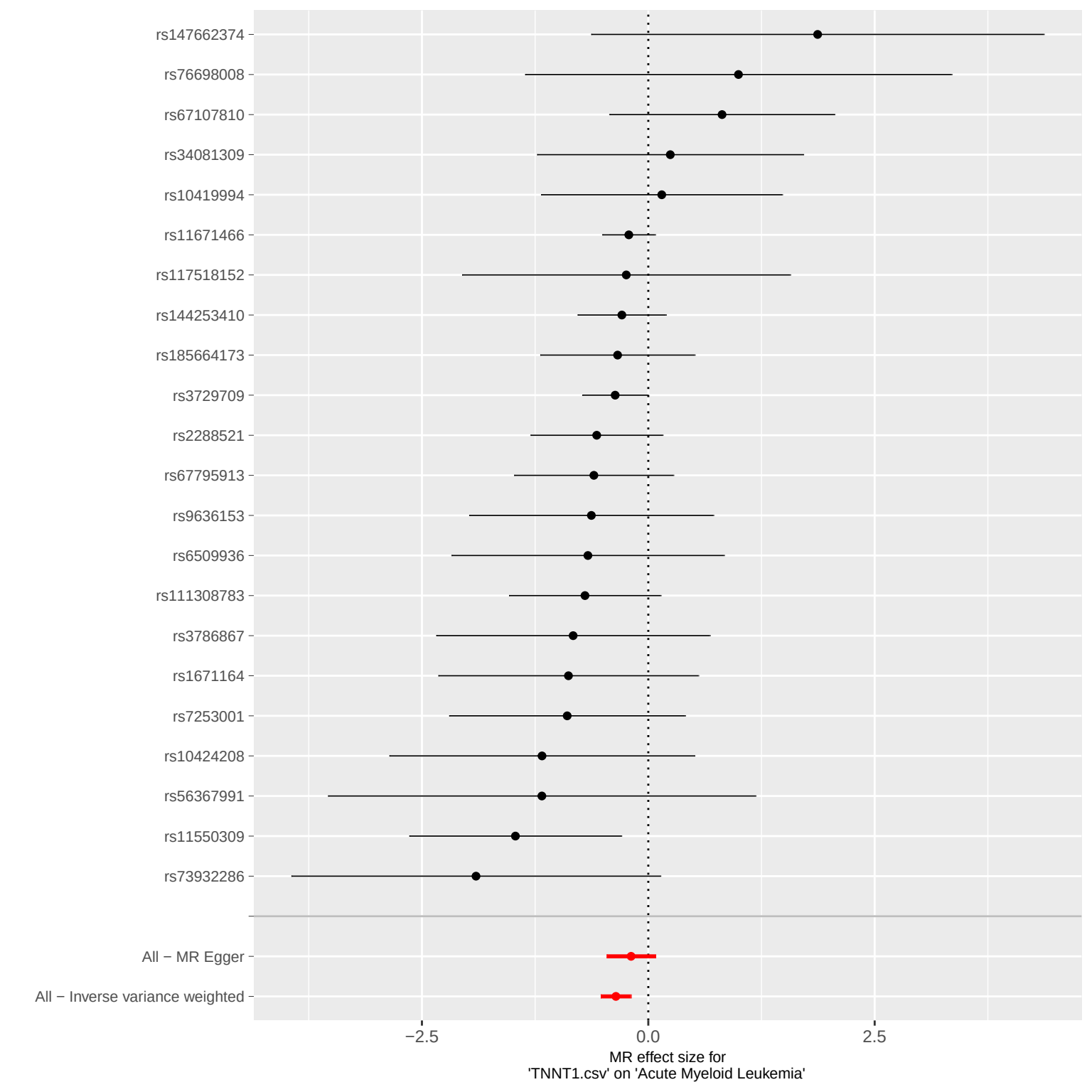
−2.5
0.0
2.5
5.0
MR effect size for
'TNFSF14.csv' on 'Acute Myeloid Leukemia'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rs1671164
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rs10424208
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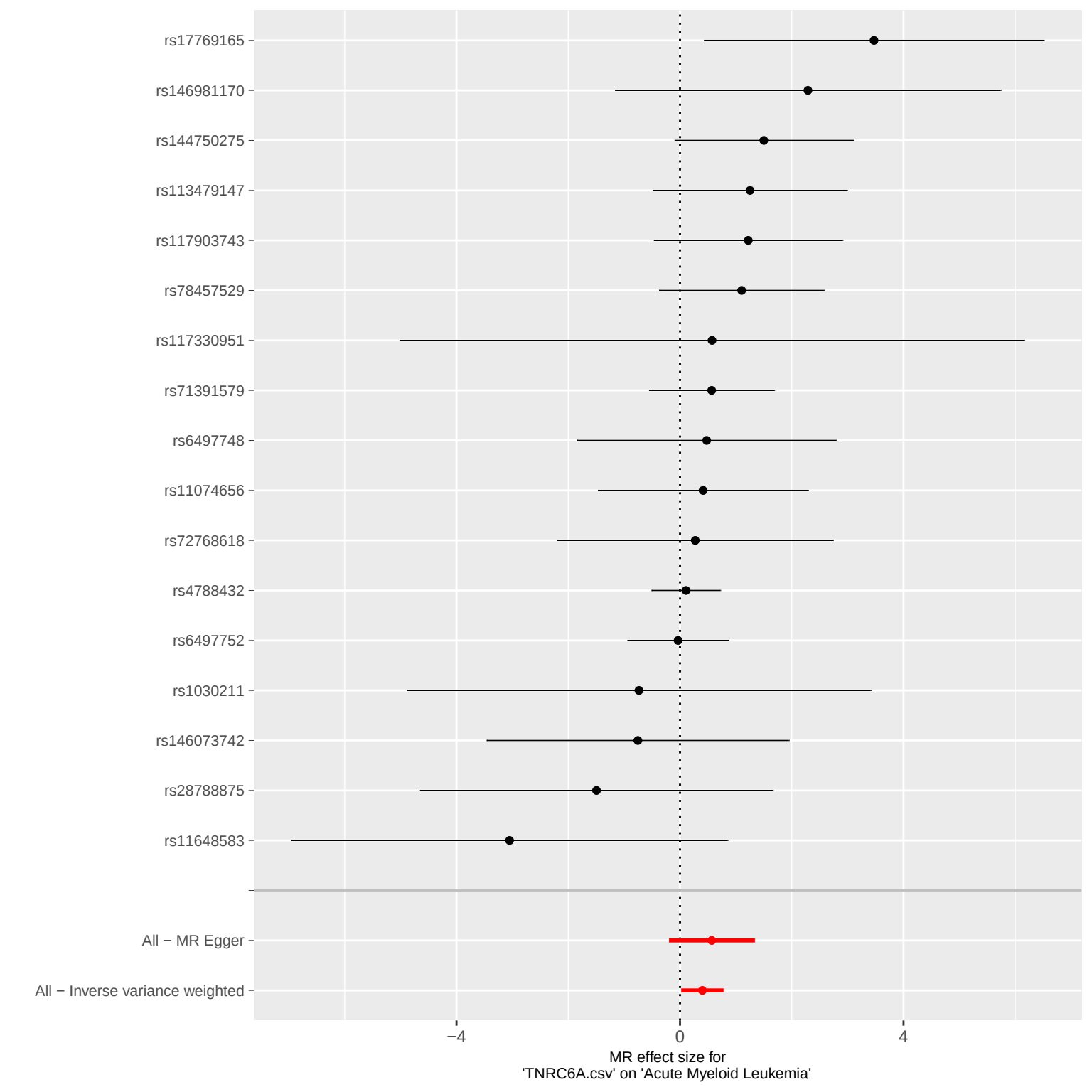
rs11550309
rs73932286
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TNNT1.csv' on 'Acute Myeloid Leukemia'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rs71391579
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rs4788432
rs6497752
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rs146073742
rs28788875
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All − MR Egger
All − Inverse variance weighted
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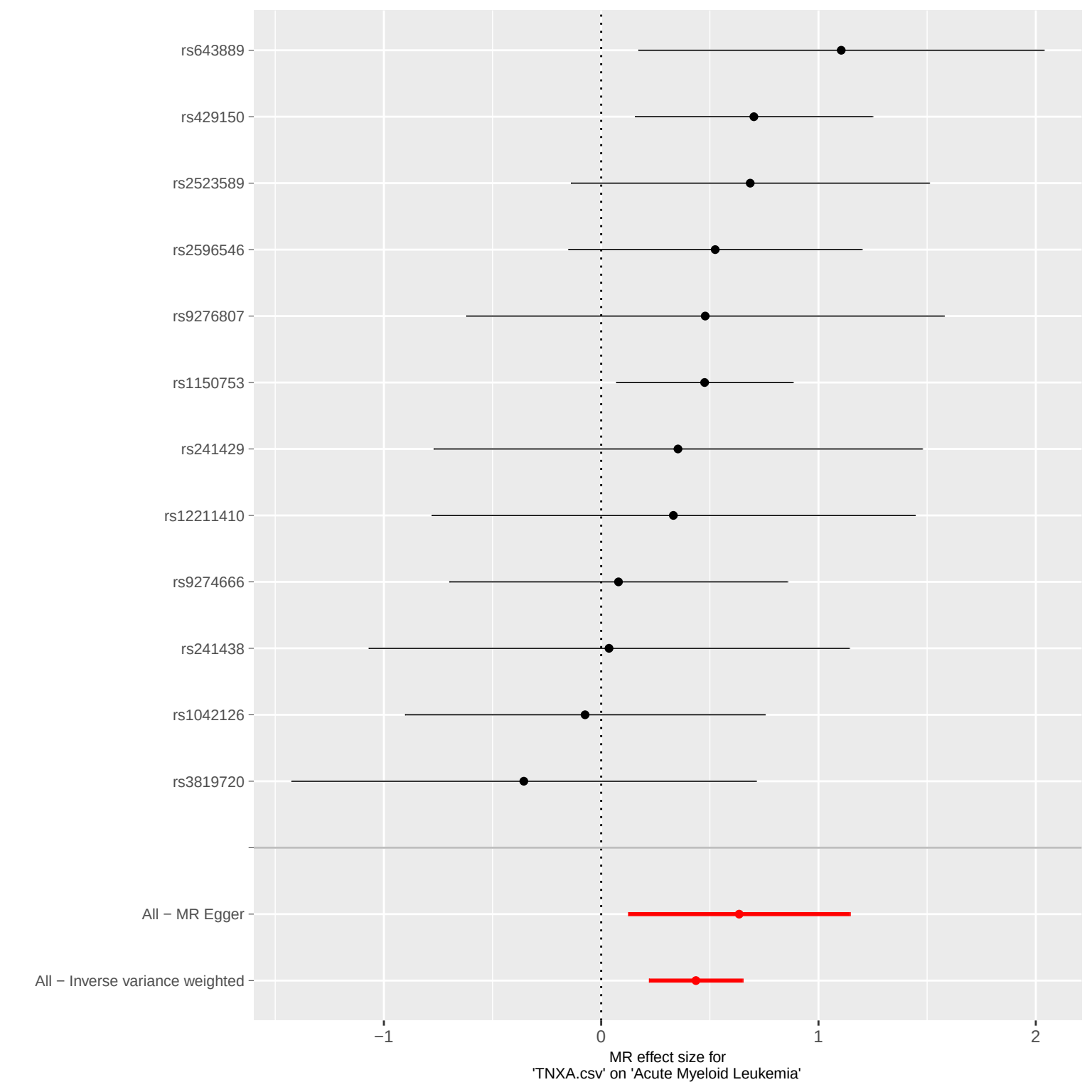
4
MR effect size for
'TNRC6A.csv' on 'Acute Myeloid Leukemia'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rs1042126
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All − Inverse variance weighted
−1
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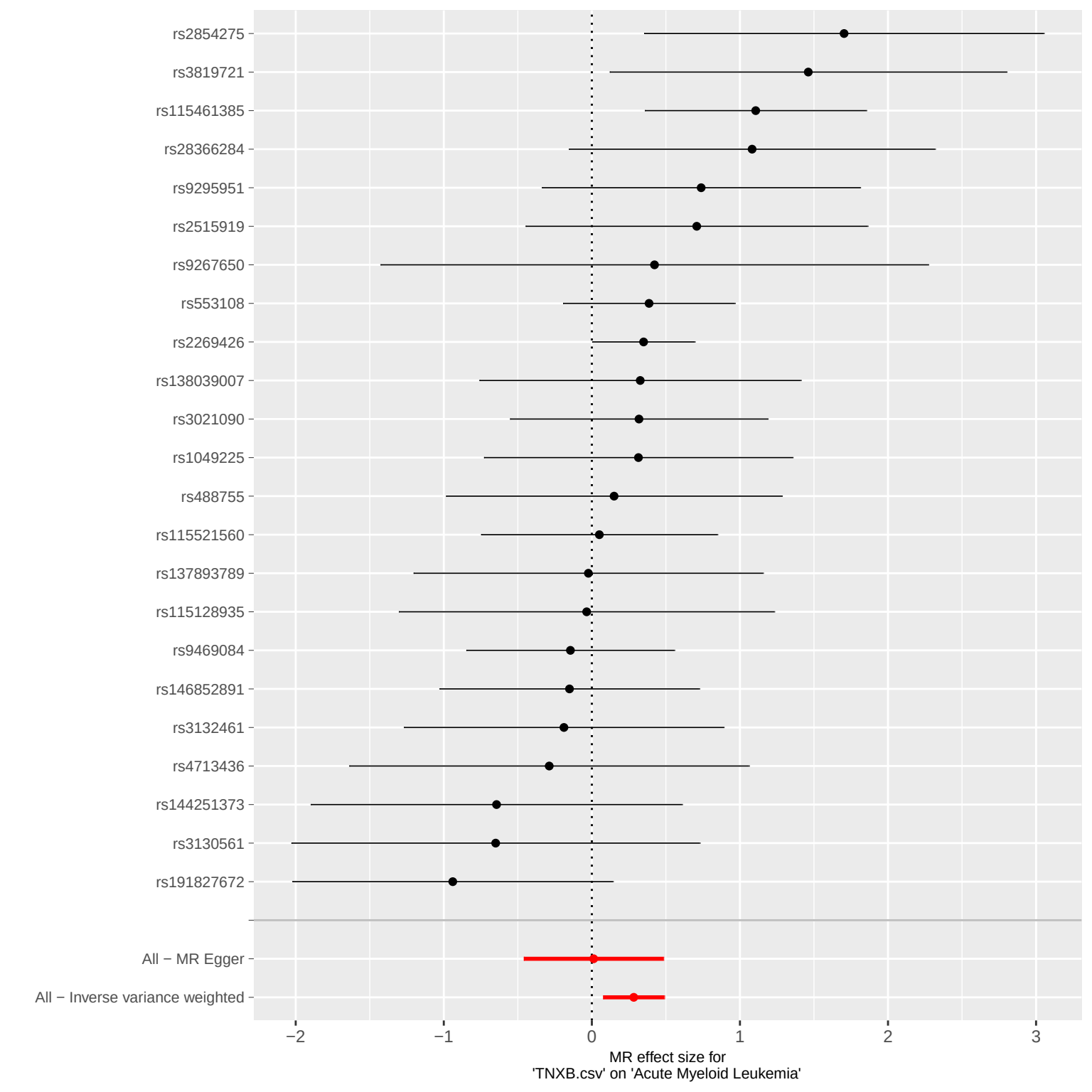
1
2
MR effect size for
'TNXA.csv' on 'Acute Myeloid Leukemia'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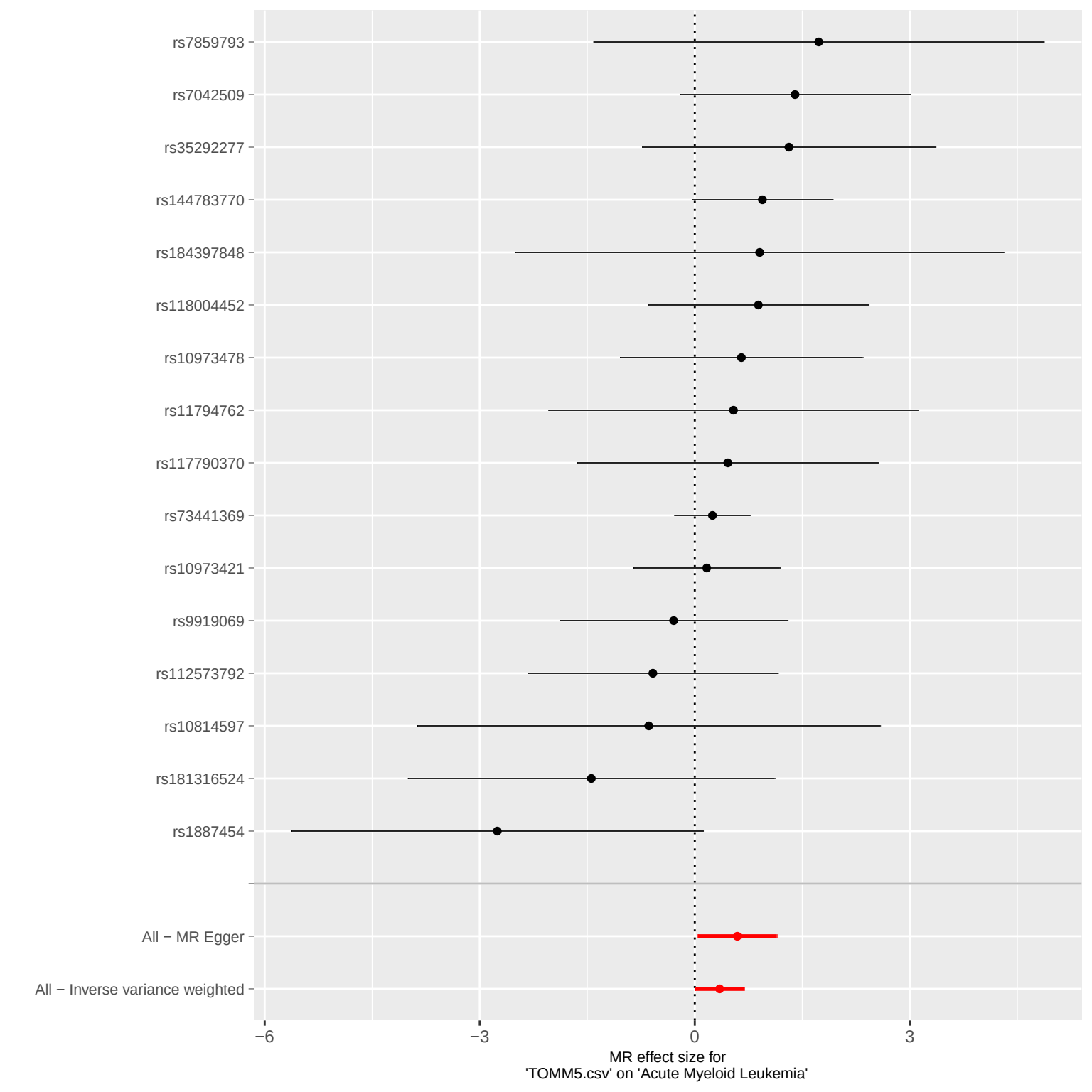
rs4713436
rs144251373
rs3130561
rs191827672
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'TNXB.csv' on 'Acute Myeloid Leukemia'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rs10973421
rs9919069
rs112573792
rs10814597
rs181316524
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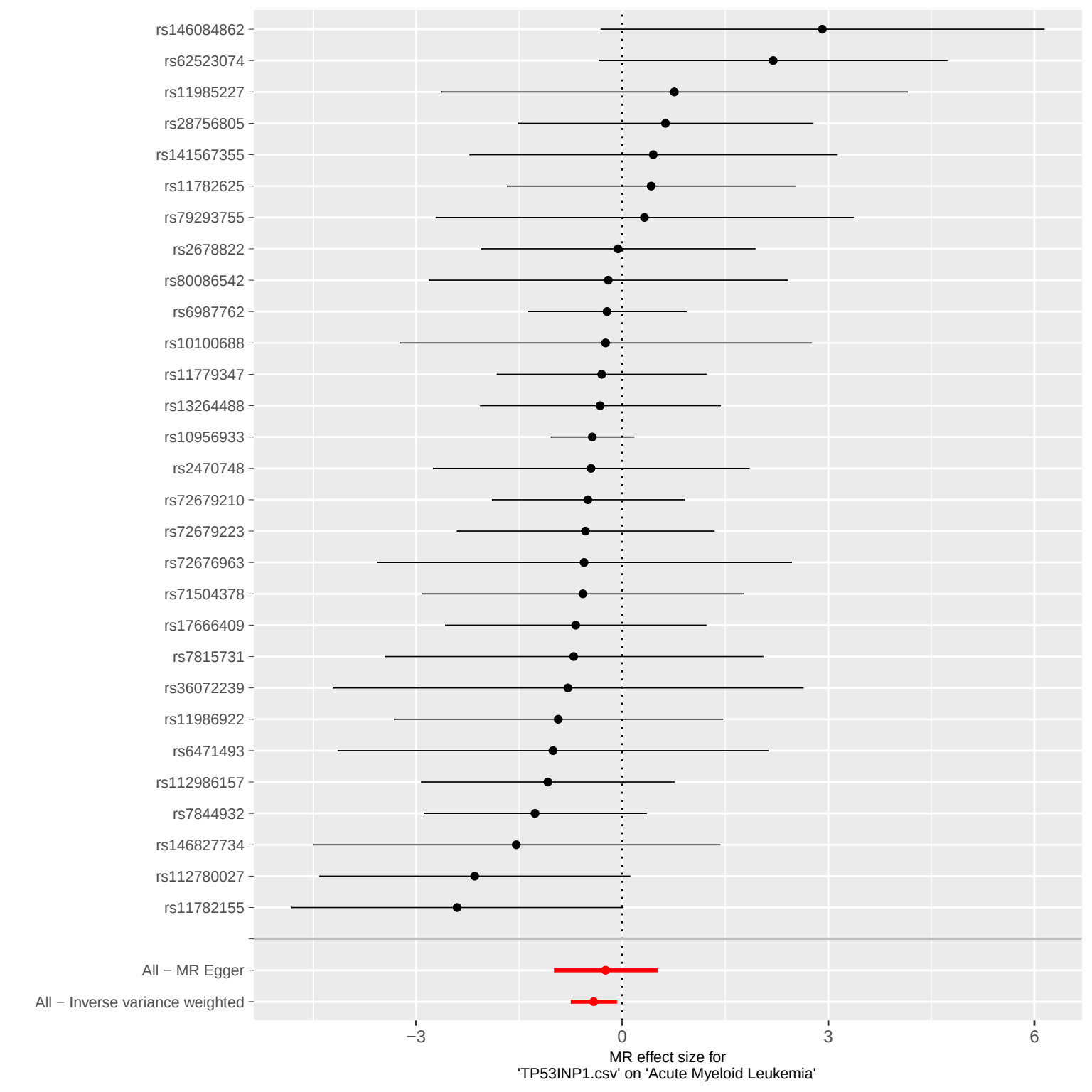
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'TOMM5.csv' on 'Acute Myeloid Leukemia'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rs6471493
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rs146827734
rs112780027
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All − MR Egger
All − Inverse variance weighted
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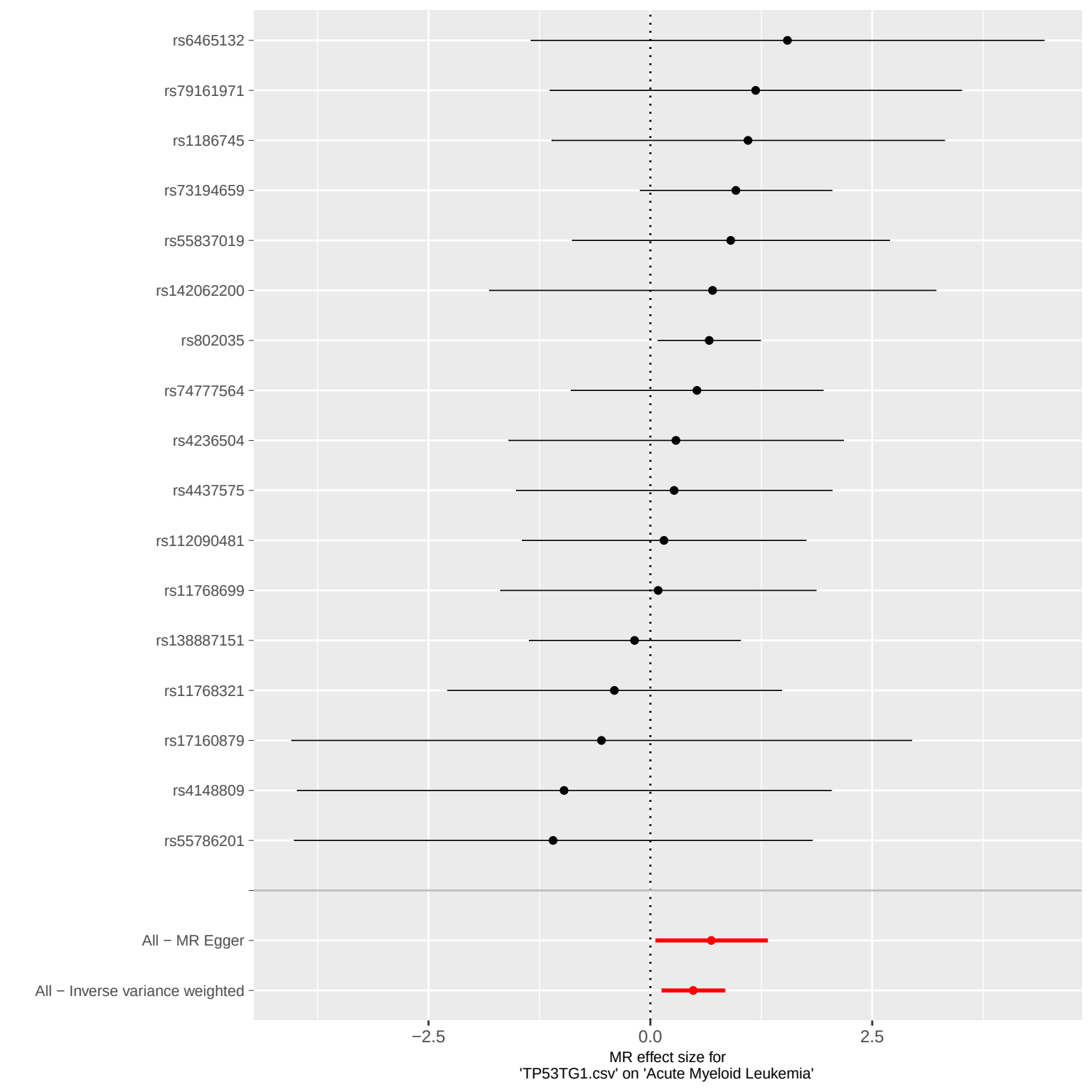
3
6
MR effect size for
'TP53INP1.csv' on 'Acute Myeloid Leukemia'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rs11768699
rs138887151
rs11768321
rs17160879
rs4148809
rs55786201
All − MR Egger
All − Inverse variance weighted
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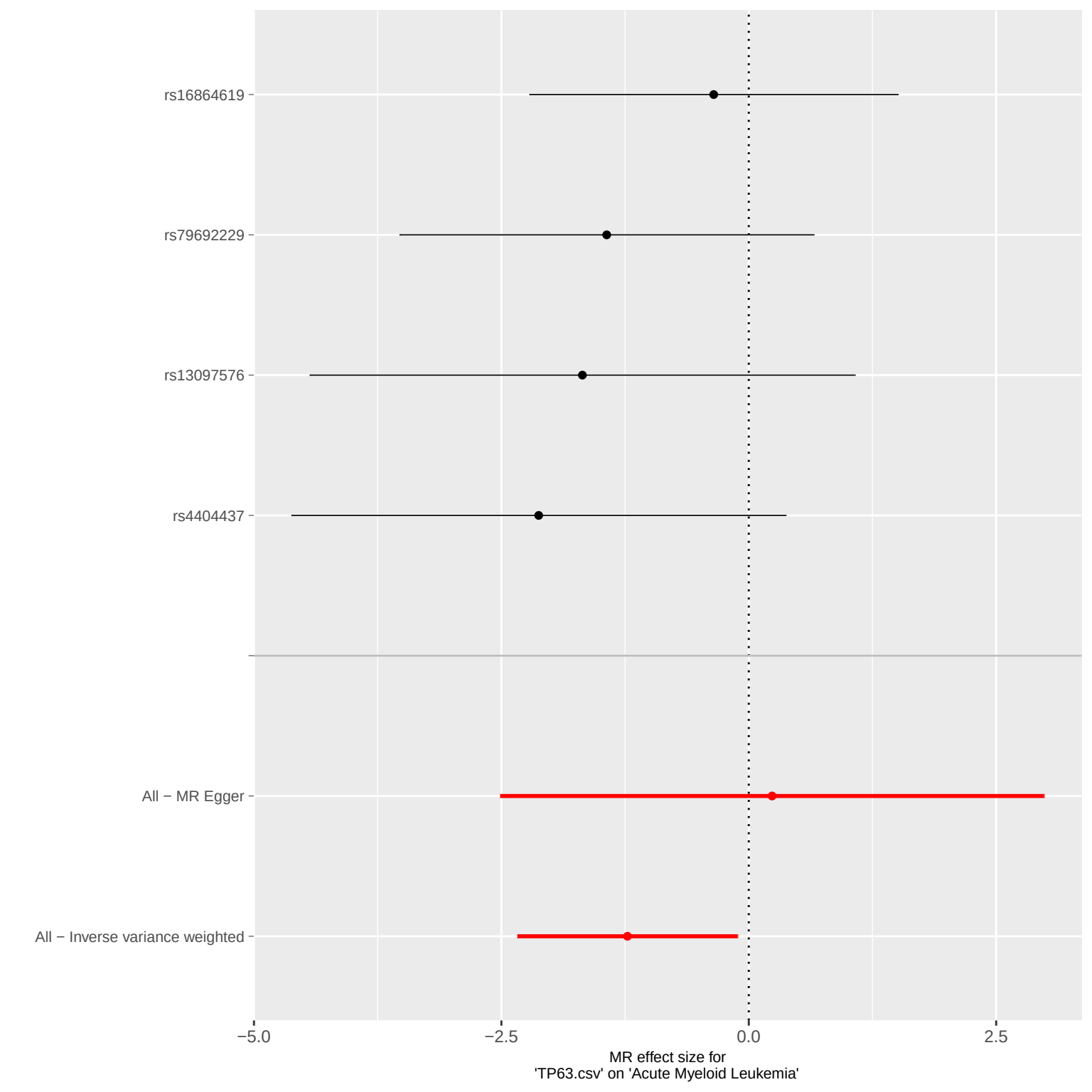
0.0
2.5
MR effect size for
'TP53TG1.csv' on 'Acute Myeloid Leukemia'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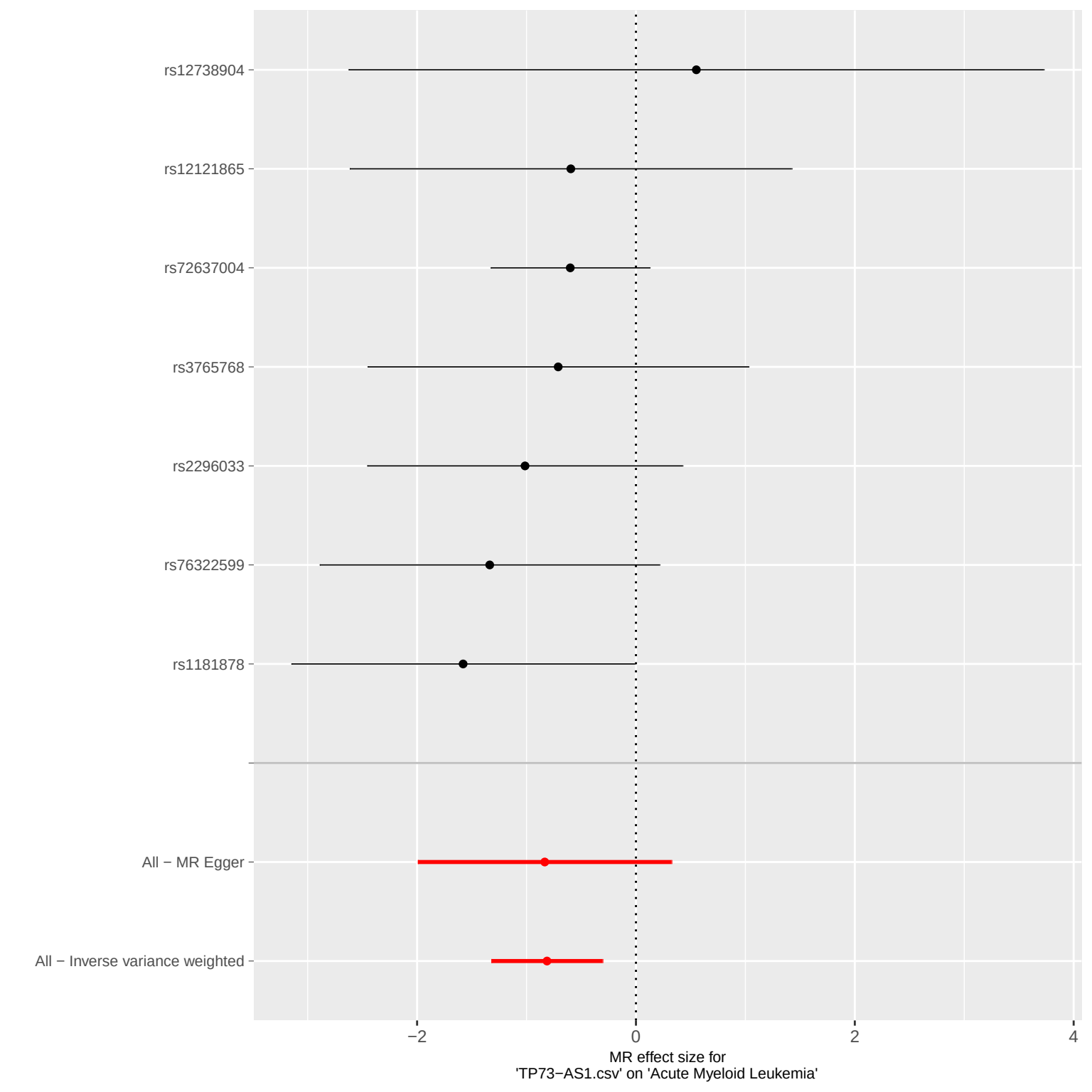
MR effect size for
'TP63.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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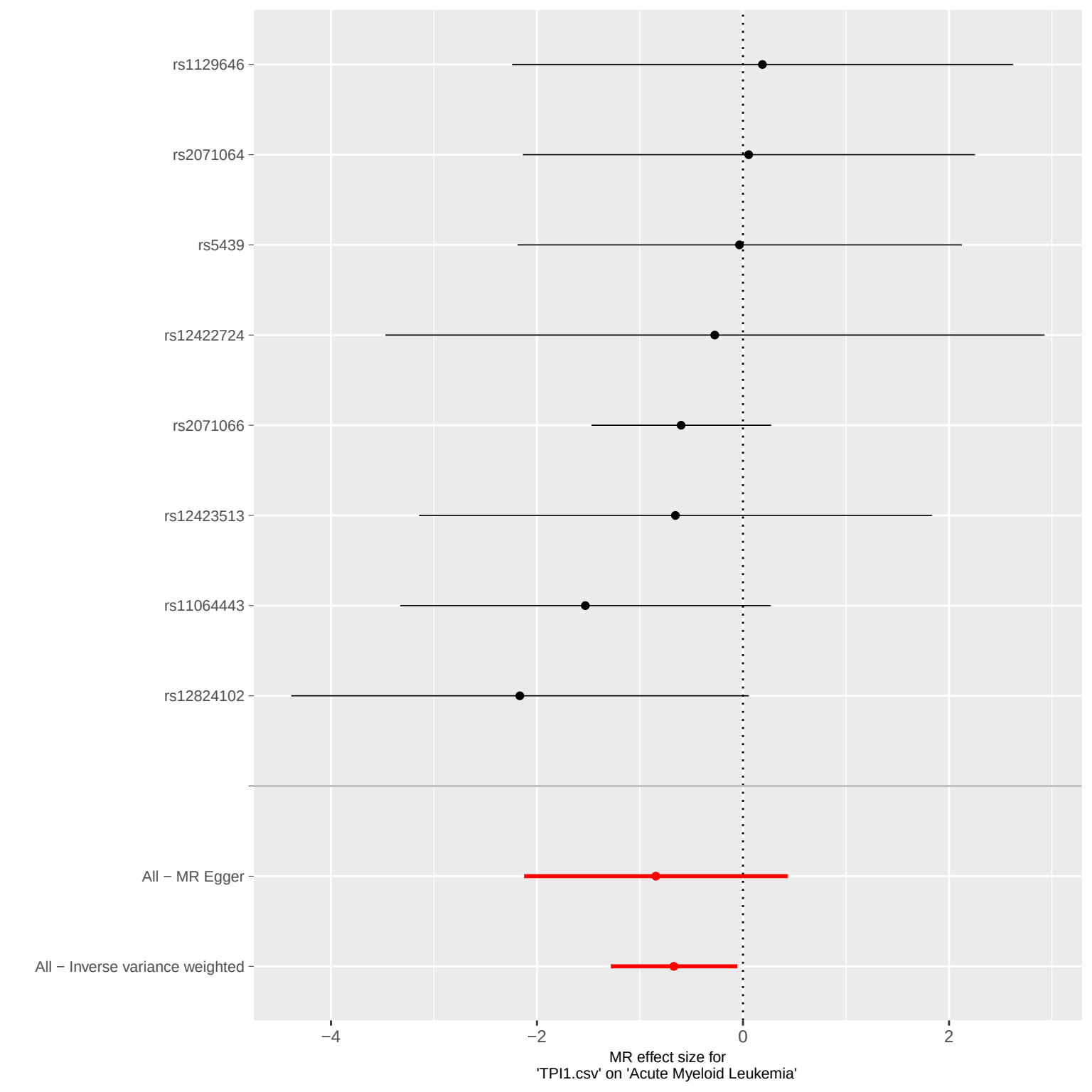
4
MR effect size for
'TP73−AS1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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MR effect size for
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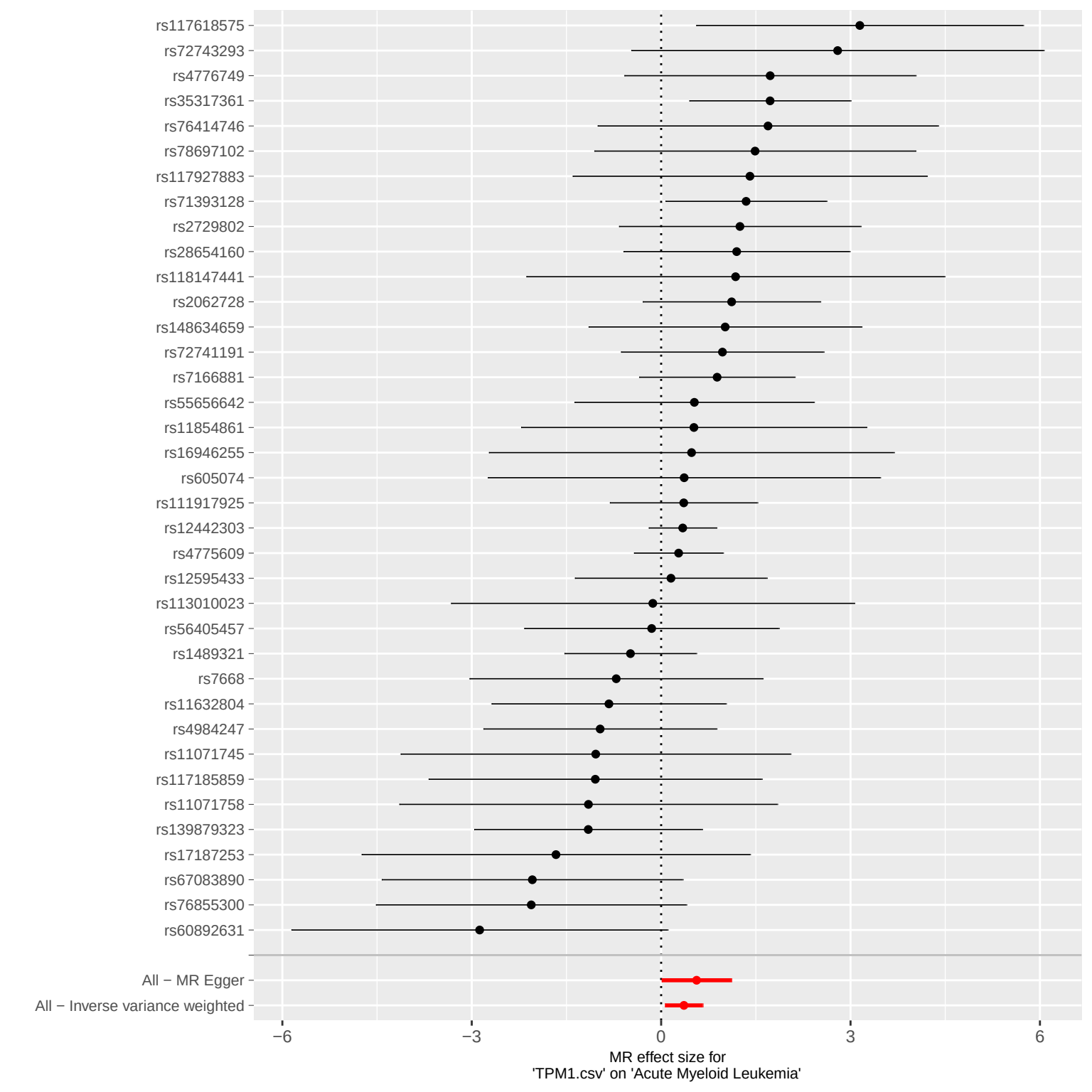
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rs60892631
All − MR Egger
All − Inverse variance weighted
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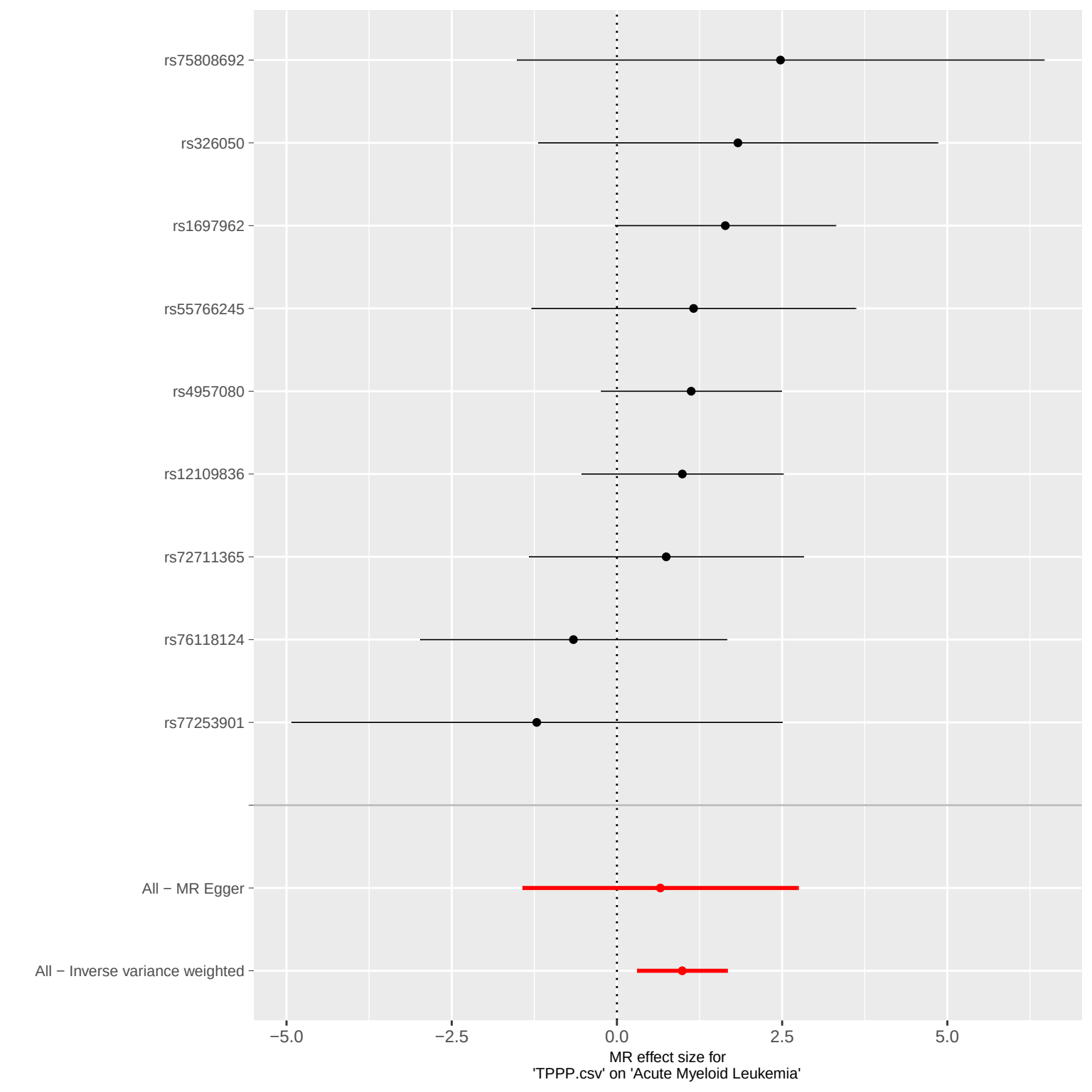
6
MR effect size for
'TPM1.csv' on 'Acute Myeloid Leukemia'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rs12109836
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rs77253901
All − MR Egger
All − Inverse variance weighted
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−2.5
0.0
2.5
5.0
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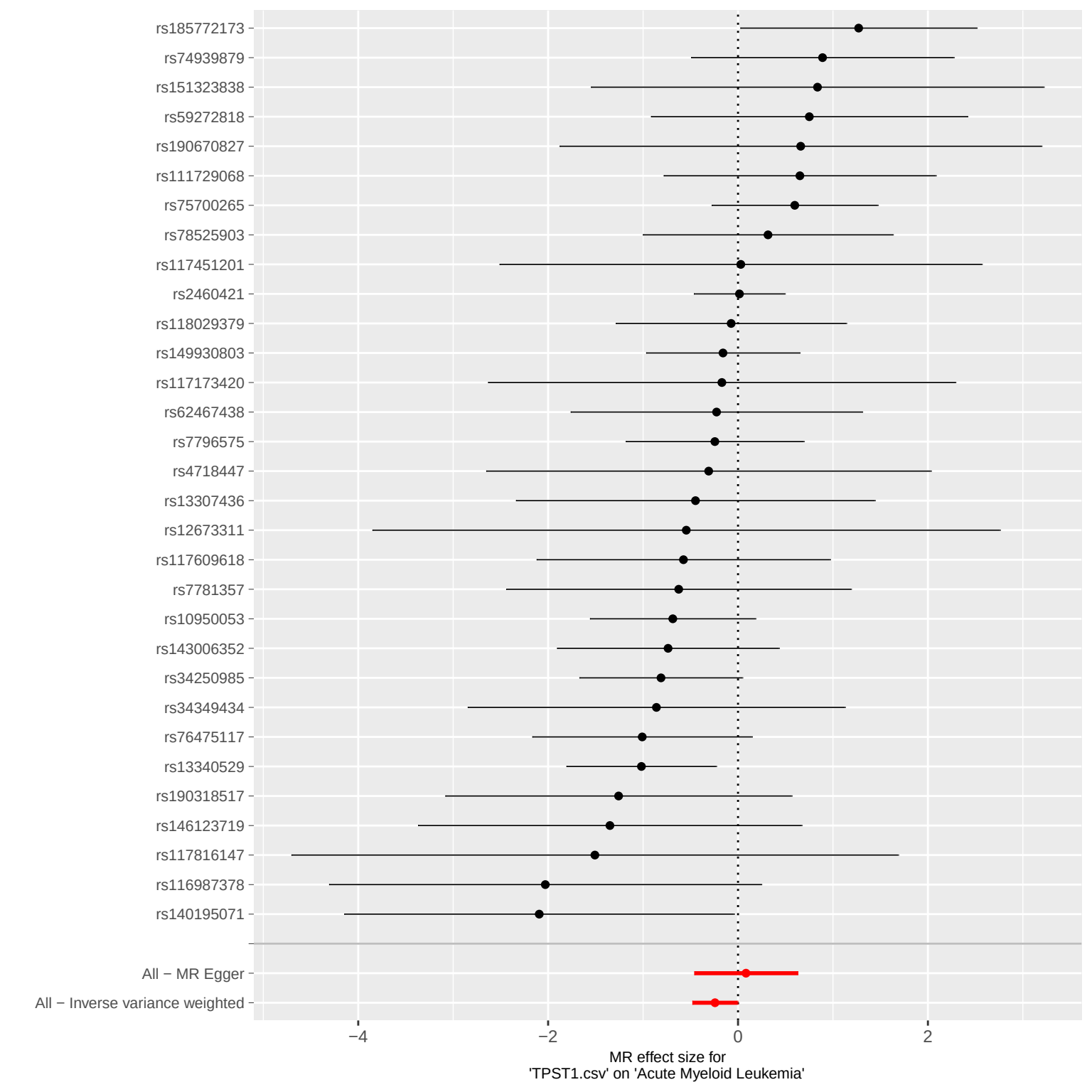
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rs190318517
rs146123719
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All − Inverse variance weighted
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MR effect size for
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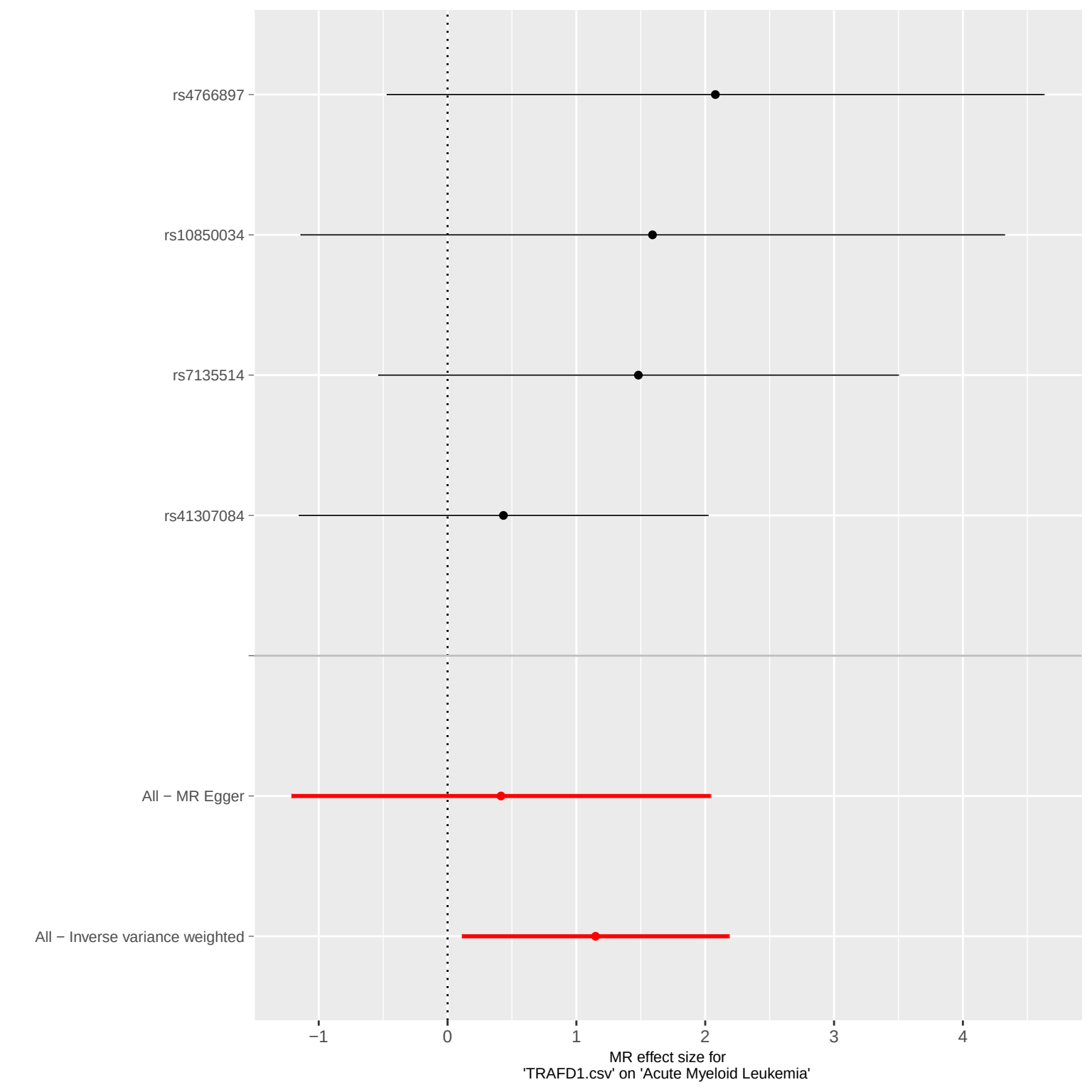
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All − Inverse variance weighted
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3
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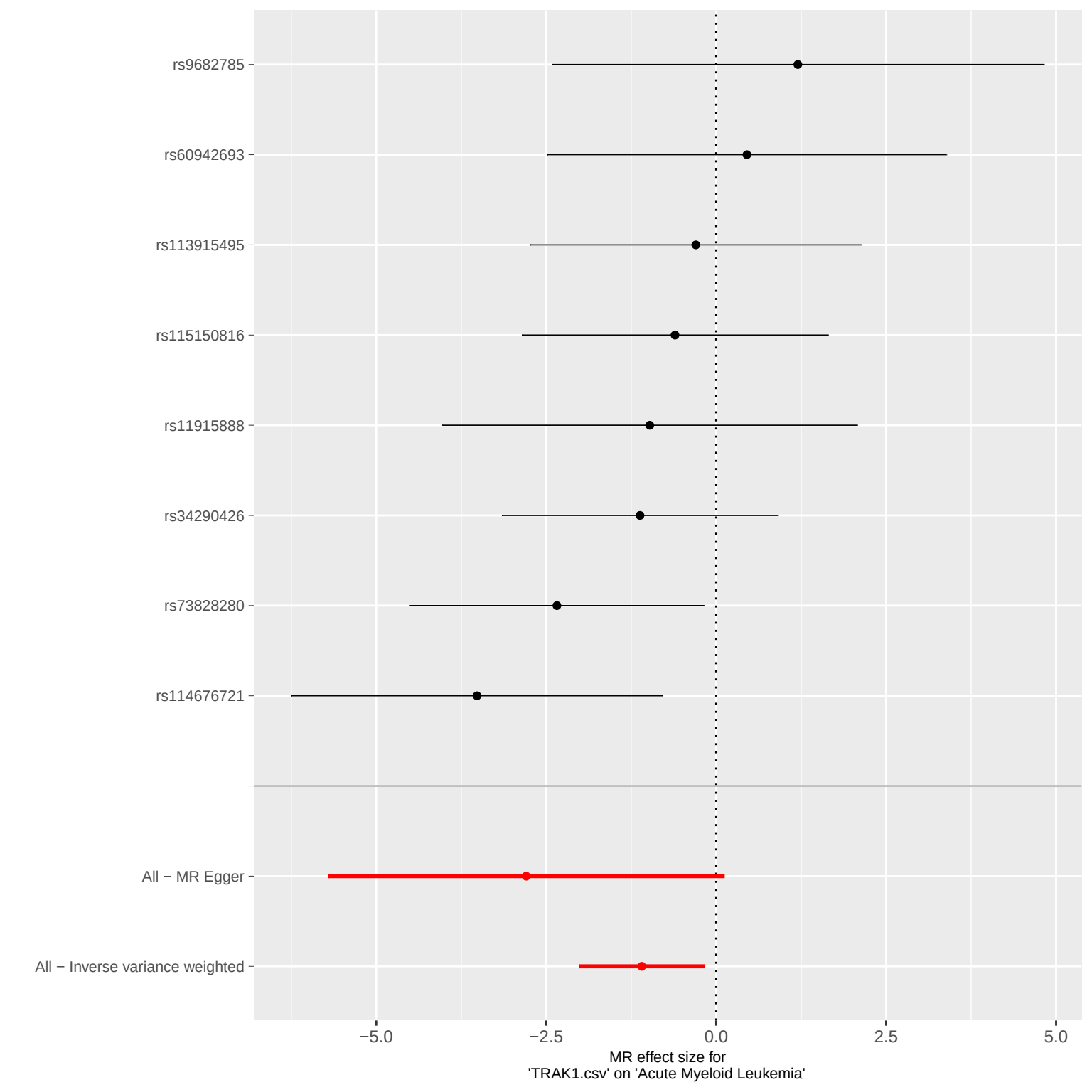
'TRAFD1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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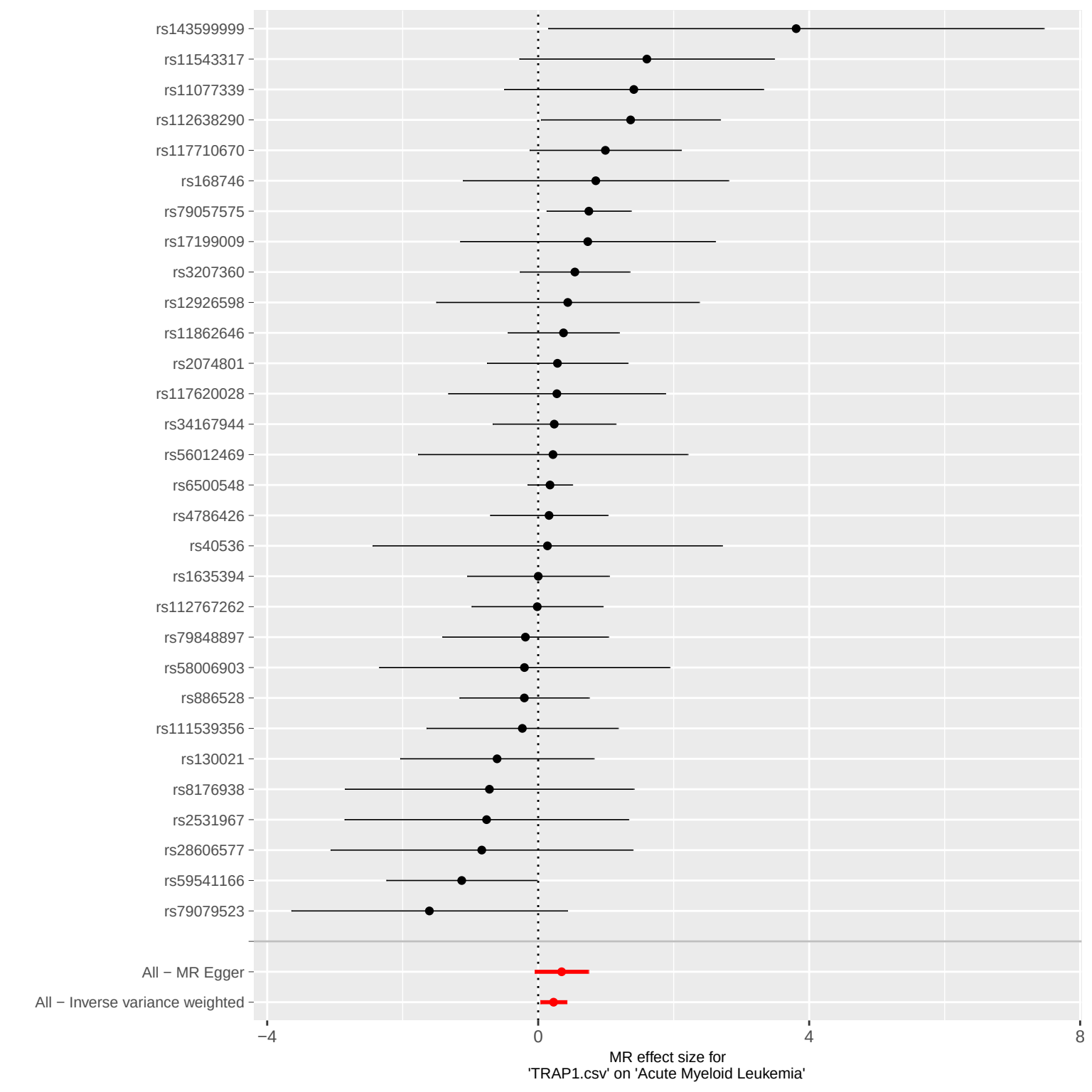
2.5
5.0
MR effect size for
'TRAK1.csv' on 'Acute Myeloid Leukemia'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rs111539356
rs130021
rs8176938
rs2531967
rs28606577
rs59541166
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All − MR Egger
All − Inverse variance weighted
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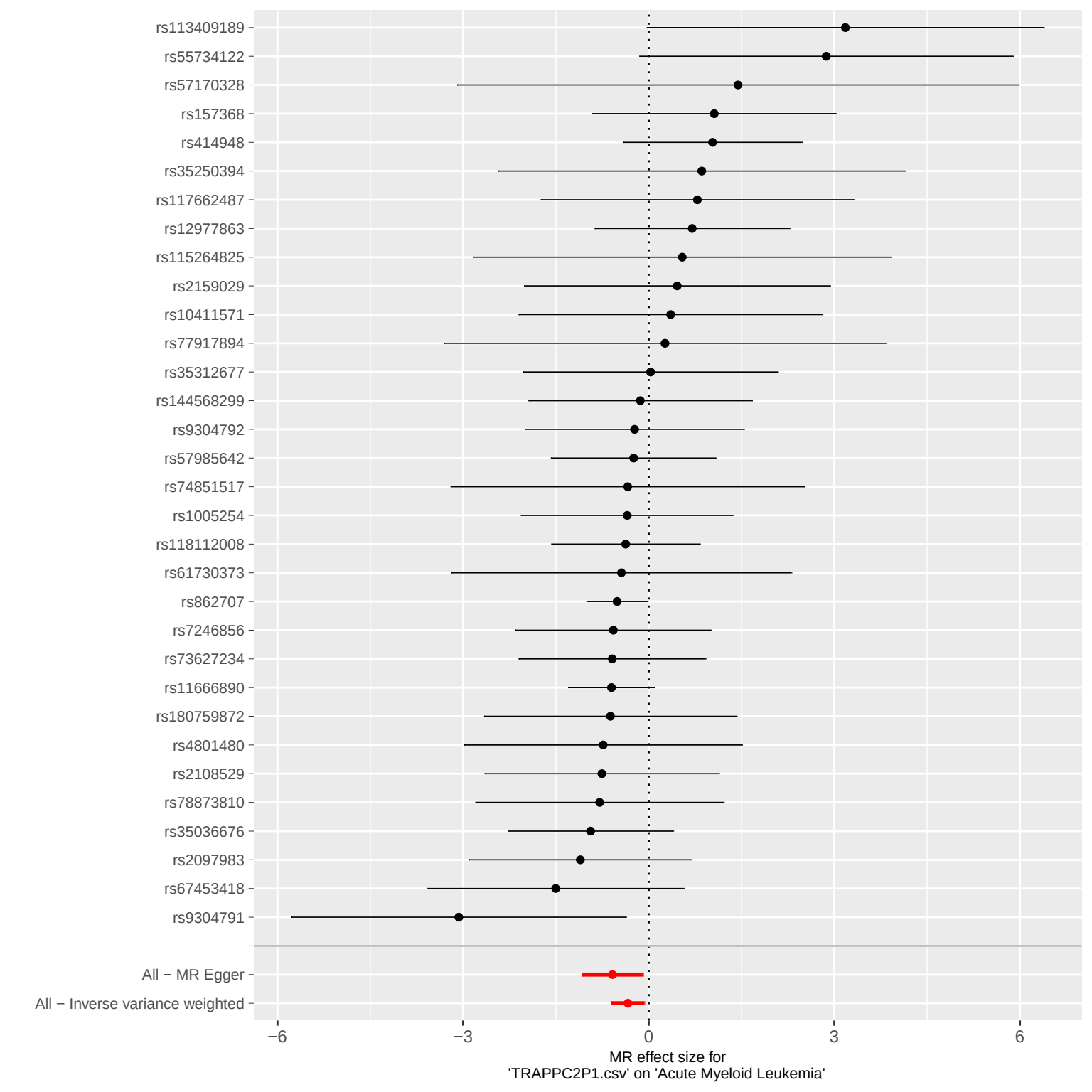
MR effect size for
'TRAP1.csv' on 'Acute Myeloid Leukemia'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rs11666890
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rs78873810
rs35036676
rs2097983
rs67453418
rs9304791
All − MR Egger
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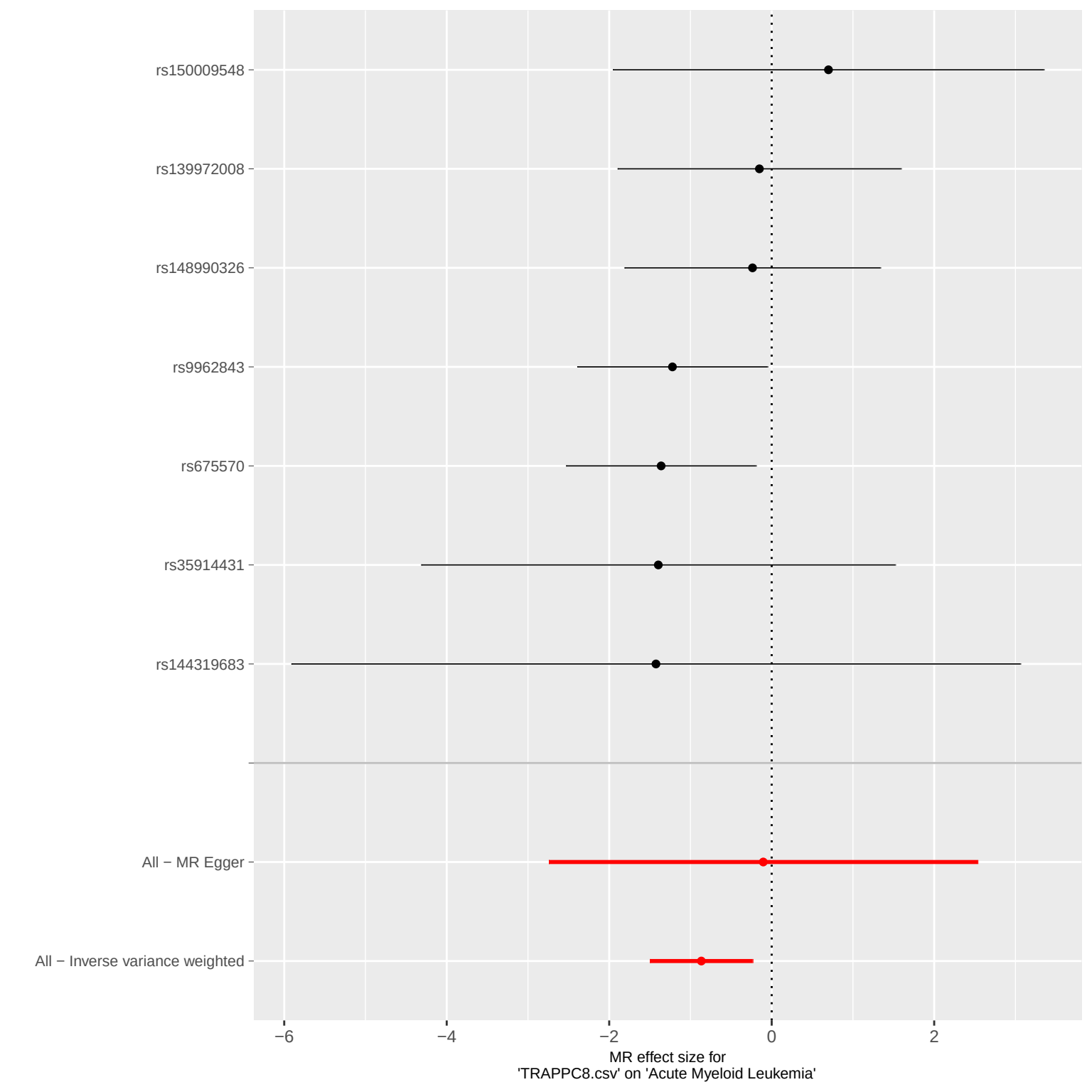
−6
−3
0
3
6
MR effect size for
'TRAPPC2P1.csv' on 'Acute Myeloid Leukemia'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rs675570
rs35914431
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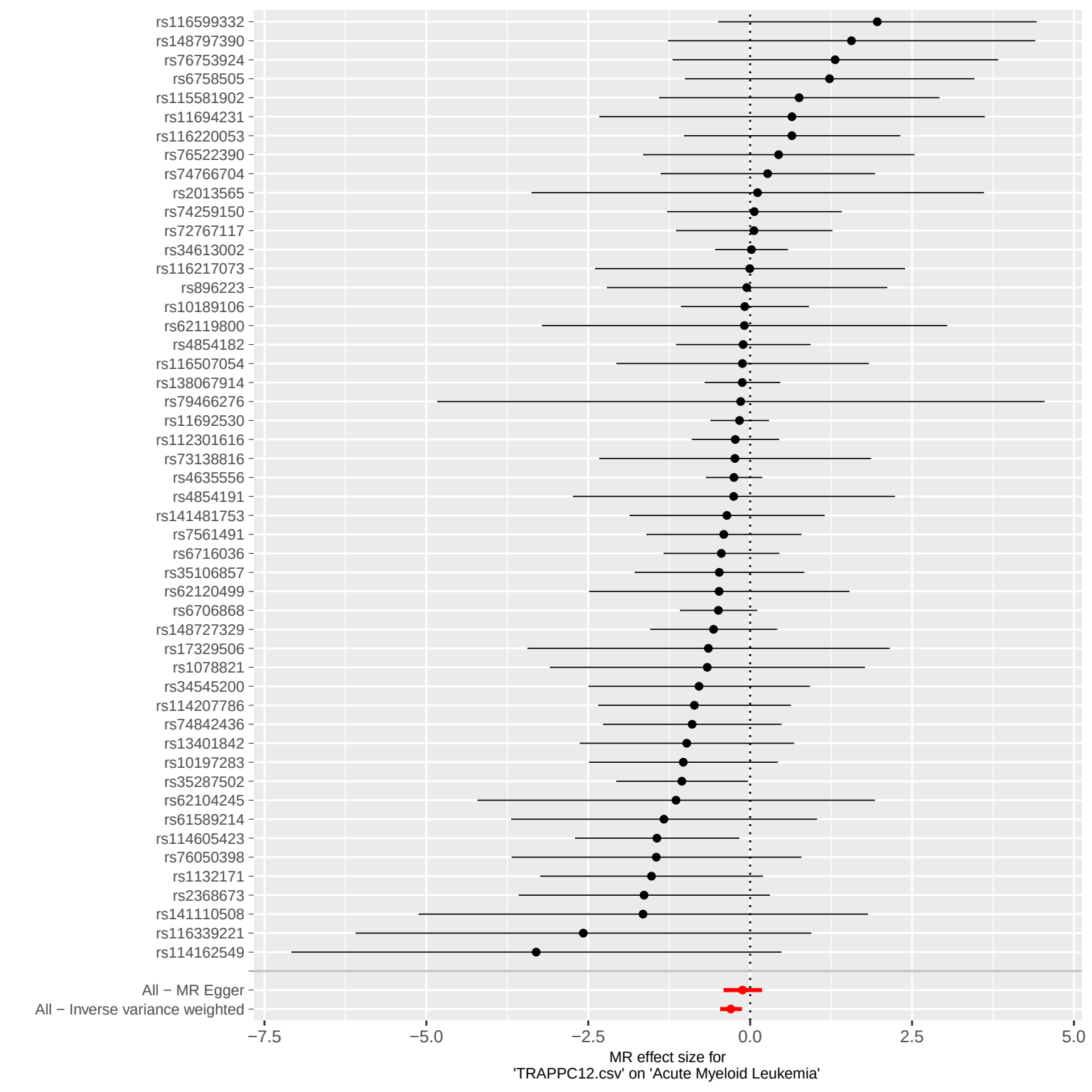
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'TRAPPC8.csv' on 'Acute Myeloid Leukemia'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rs35287502
rs62104245
rs61589214
rs114605423
rs76050398
rs1132171
rs2368673
rs141110508
rs116339221
rs114162549
All − MR Egger
All − Inverse variance weighted
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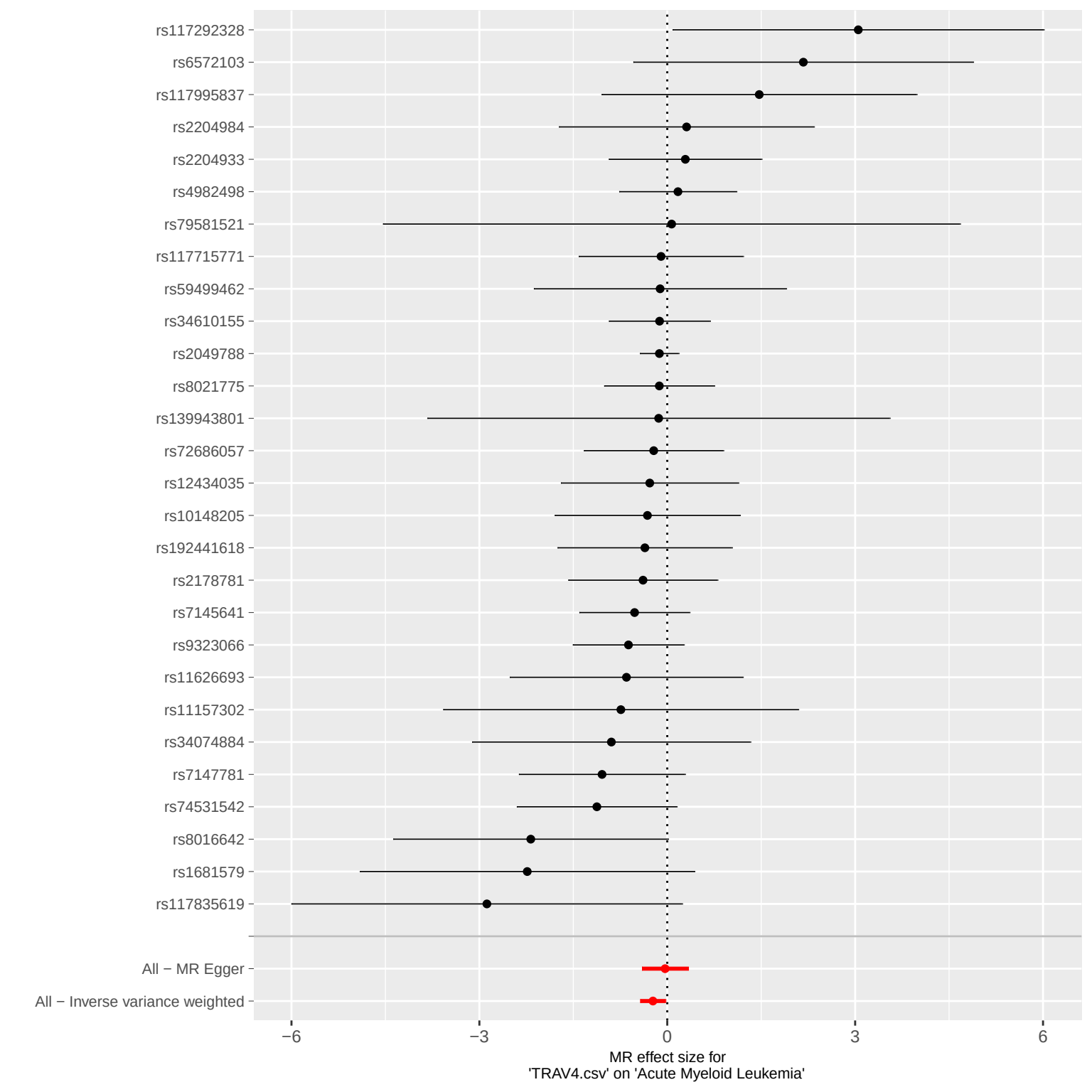
−2.5
0.0
2.5
5.0
MR effect size for
'TRAPPC12.csv' on 'Acute Myeloid Leukemia'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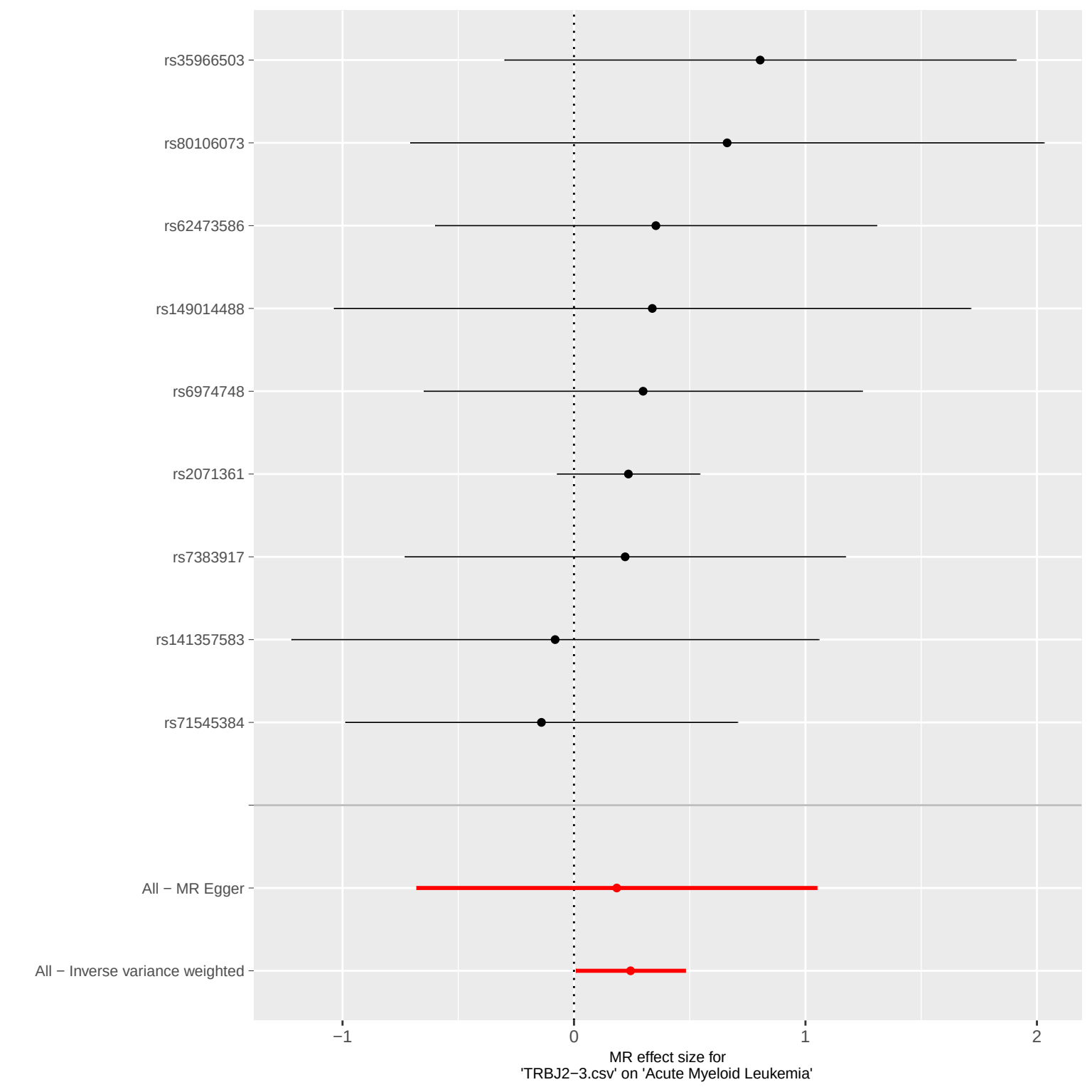
rs8021775
rs139943801
rs72686057
rs12434035
rs10148205
rs192441618
rs2178781
rs7145641
rs9323066
rs11626693
rs11157302
rs34074884
rs7147781
rs74531542
rs8016642
rs1681579
rs117835619
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TRAV4.csv' on 'Acute Myeloid Leukemia'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rs2071361
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rs141357583
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All − MR Egger
All − Inverse variance weighted
−1
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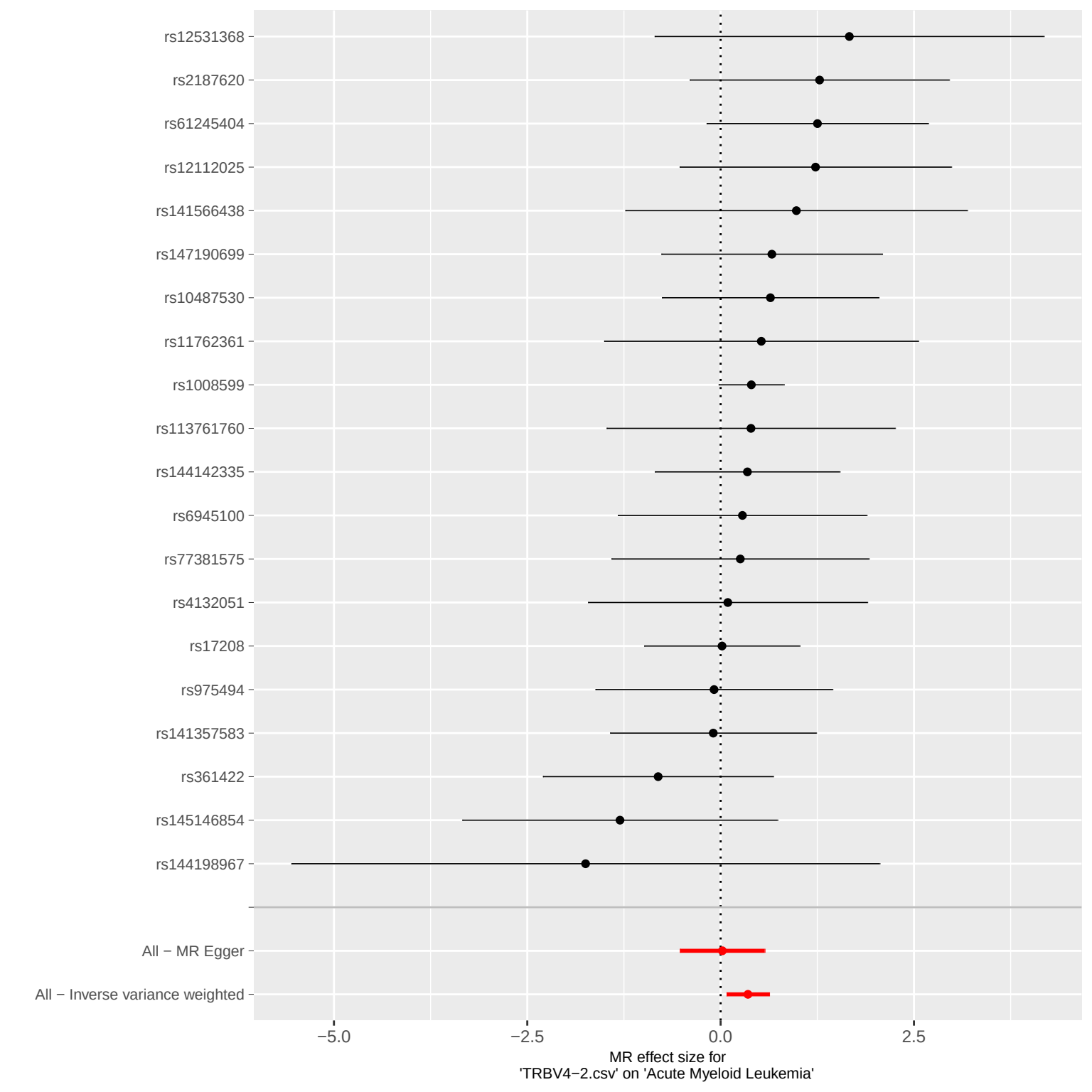
1
2
MR effect size for
'TRBJ2−3.csv' on 'Acute Myeloid Leukemia'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rs144142335
rs6945100
rs77381575
rs4132051
rs17208
rs975494
rs141357583
rs361422
rs145146854
rs144198967
All − MR Egger
All − Inverse variance weighted
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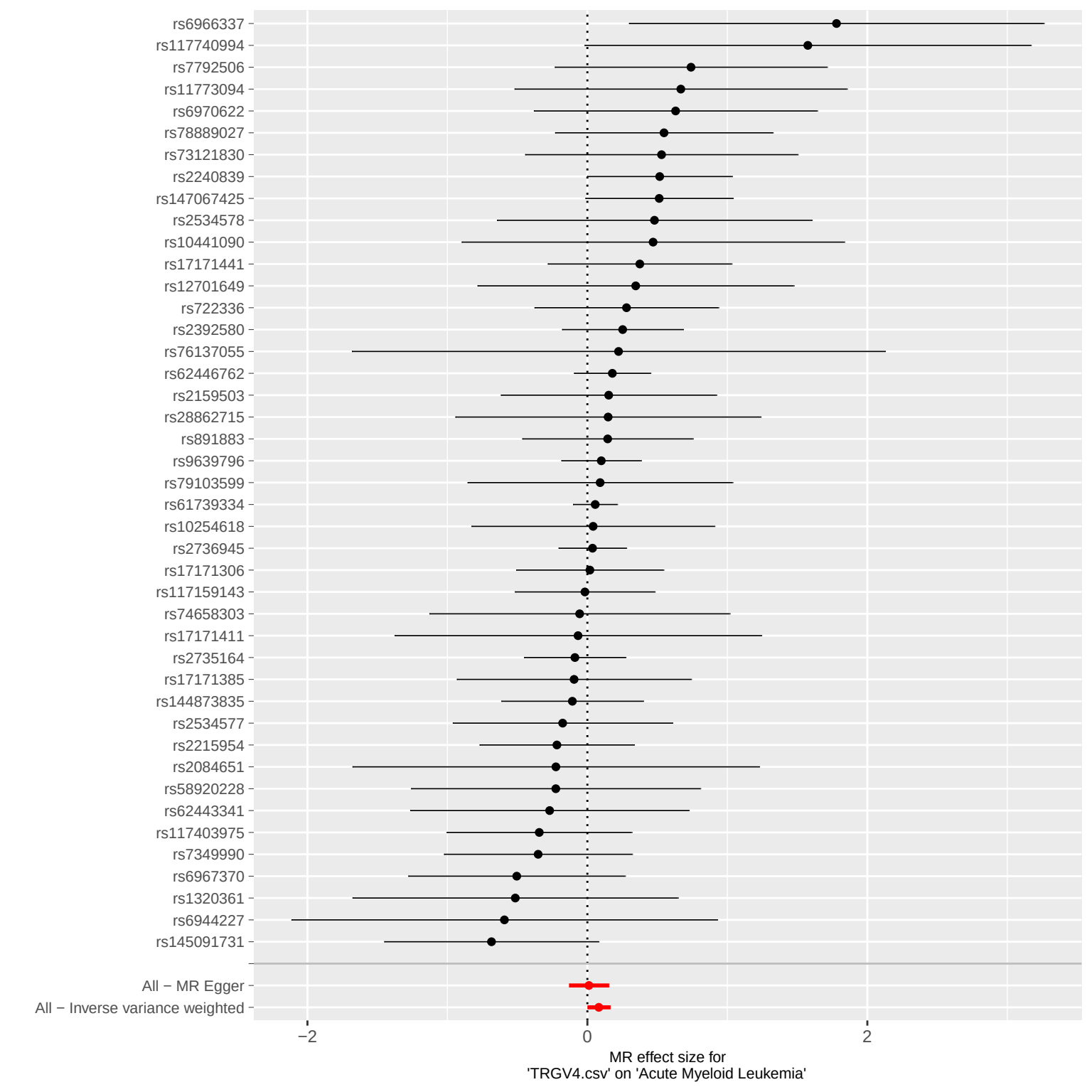
−2.5
0.0
2.5
MR effect size for
'TRBV4−2.csv' on 'Acute Myeloid Leukemia'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rs2215954
rs2084651
rs58920228
rs62443341
rs117403975
rs7349990
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rs1320361
rs6944227
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All − MR Egger
All − Inverse variance weighted
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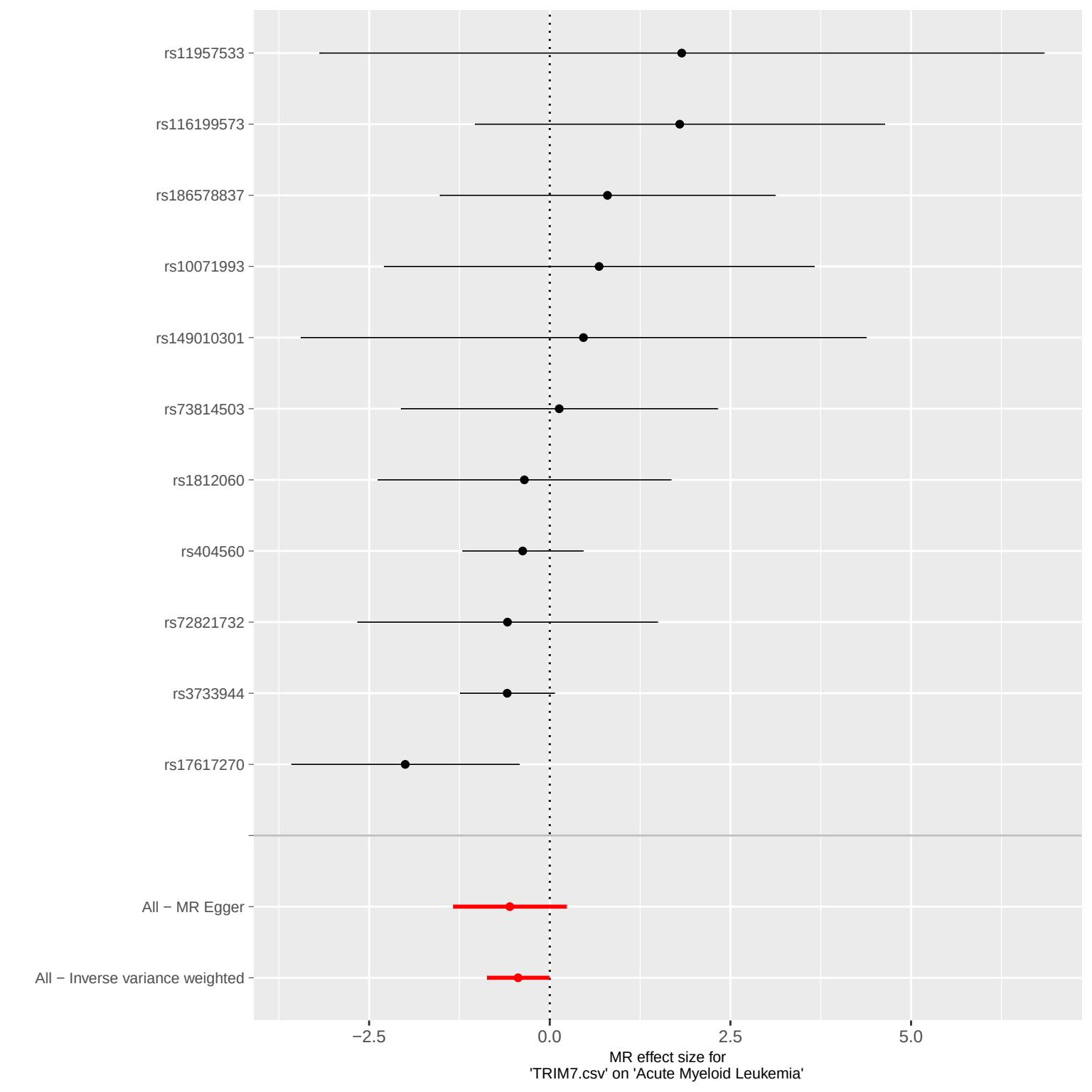
MR effect size for
'TRGV4.csv' on 'Acute Myeloid Leukemia'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rs10071993
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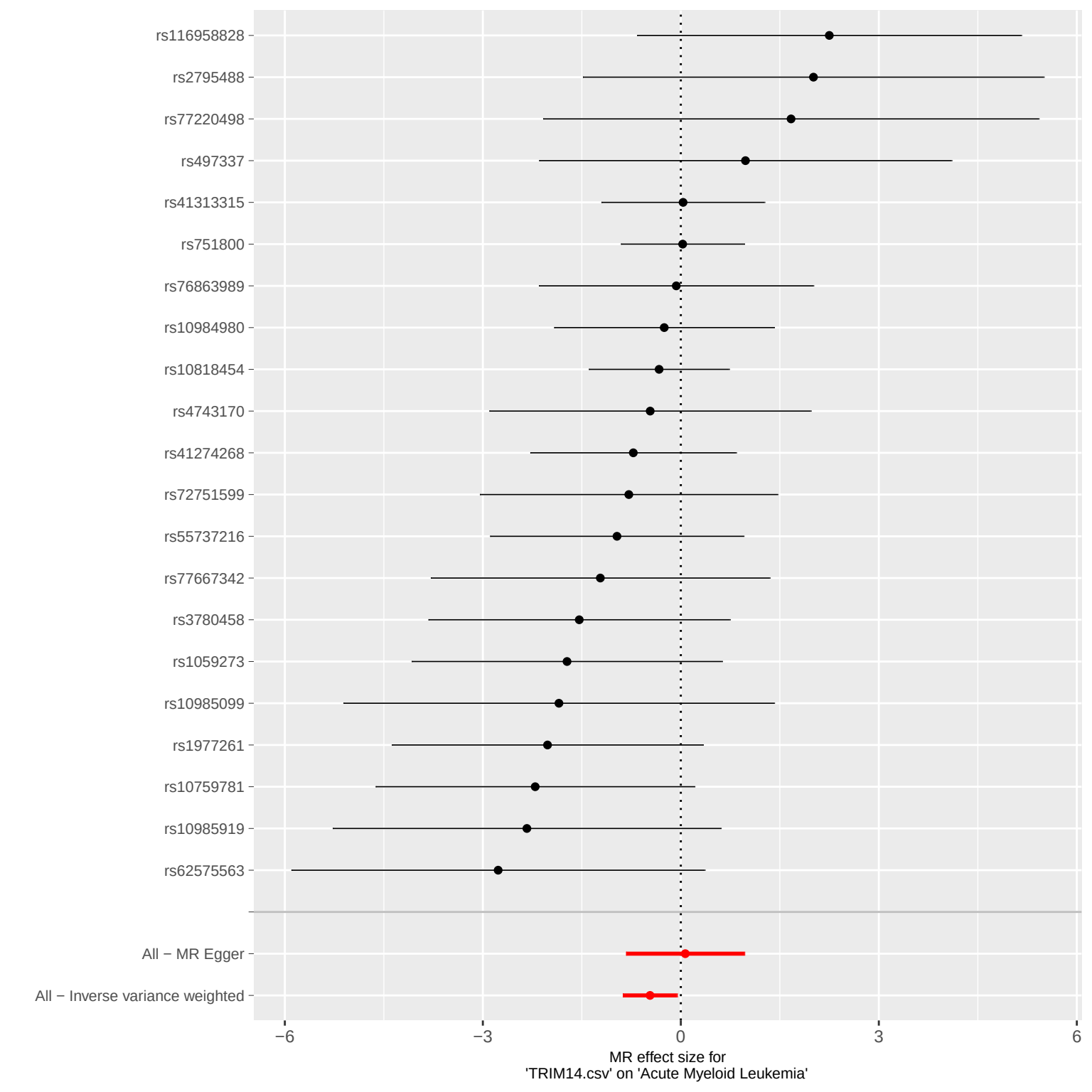
rs73814503
rs1812060
rs404560
rs72821732
rs3733944
rs17617270
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'TRIM7.csv' on 'Acute Myeloid Leukemia'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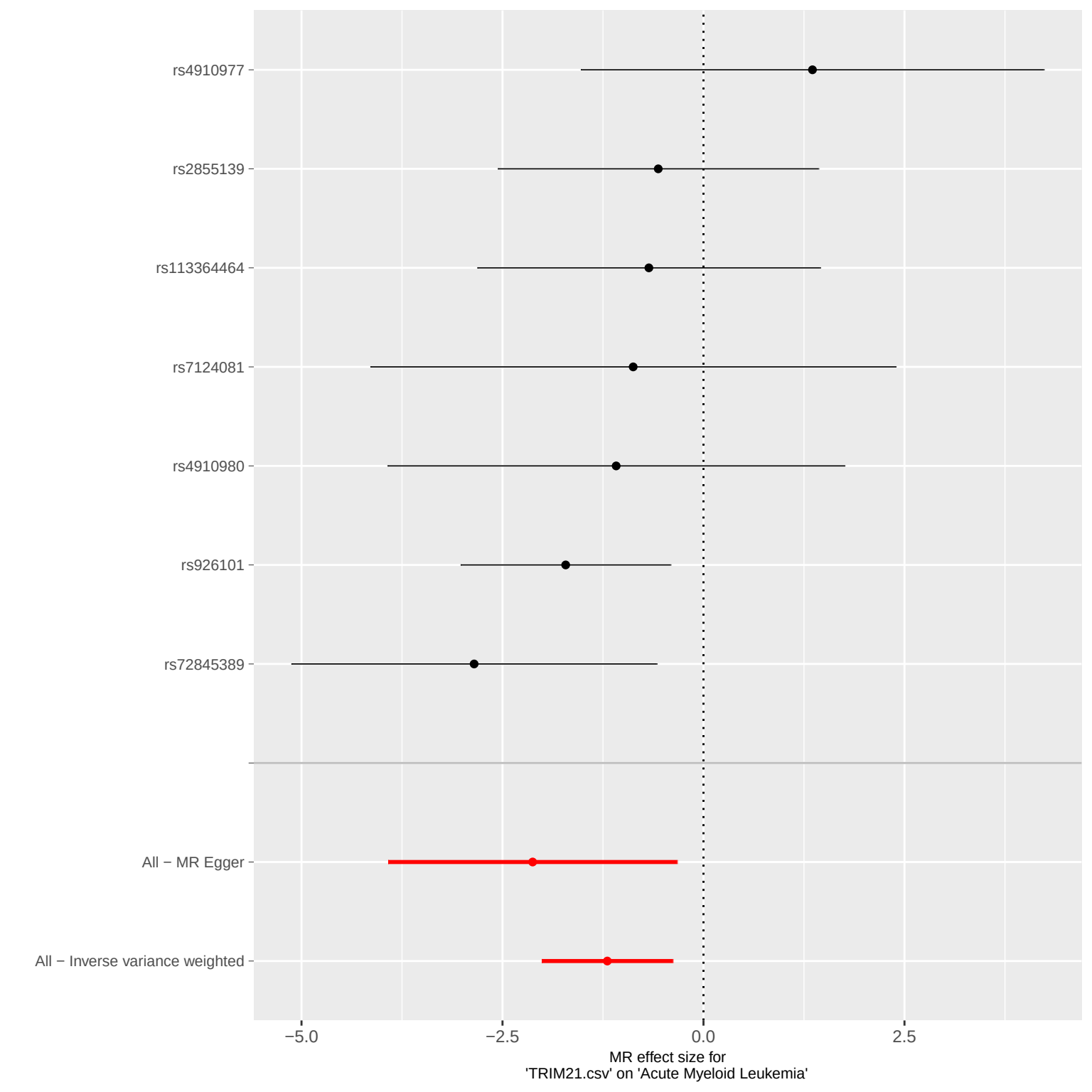
rs72751599
rs55737216
rs77667342
rs3780458
rs1059273
rs10985099
rs1977261
rs10759781
rs10985919
rs62575563
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'TRIM14.csv' on 'Acute Myeloid Leukemia'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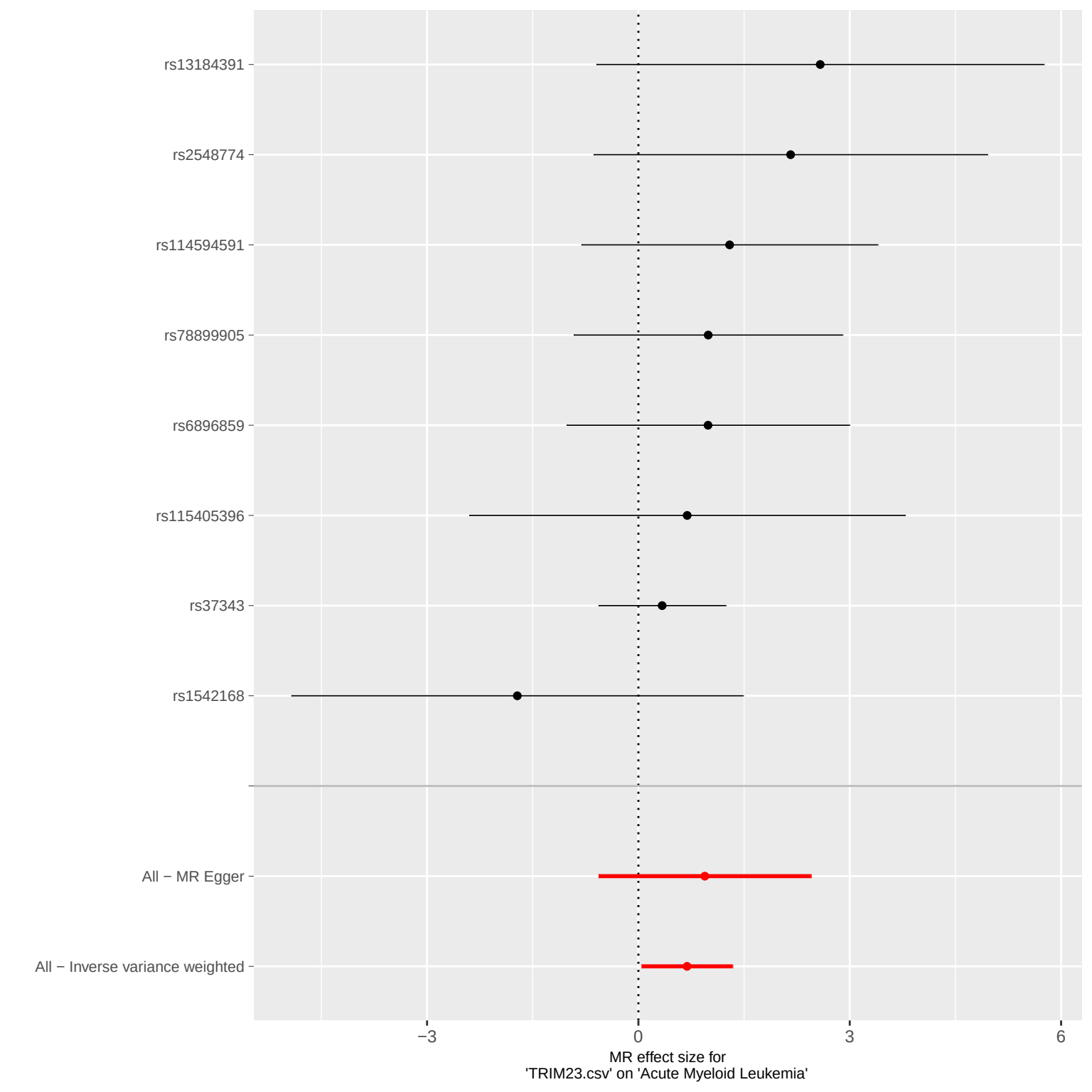
rs2855139
rs113364464
rs7124081
rs4910980
rs926101
rs72845389
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TRIM21.csv' on 'Acute Myeloid Leukemia'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rs78899905
rs6896859
rs115405396
rs37343
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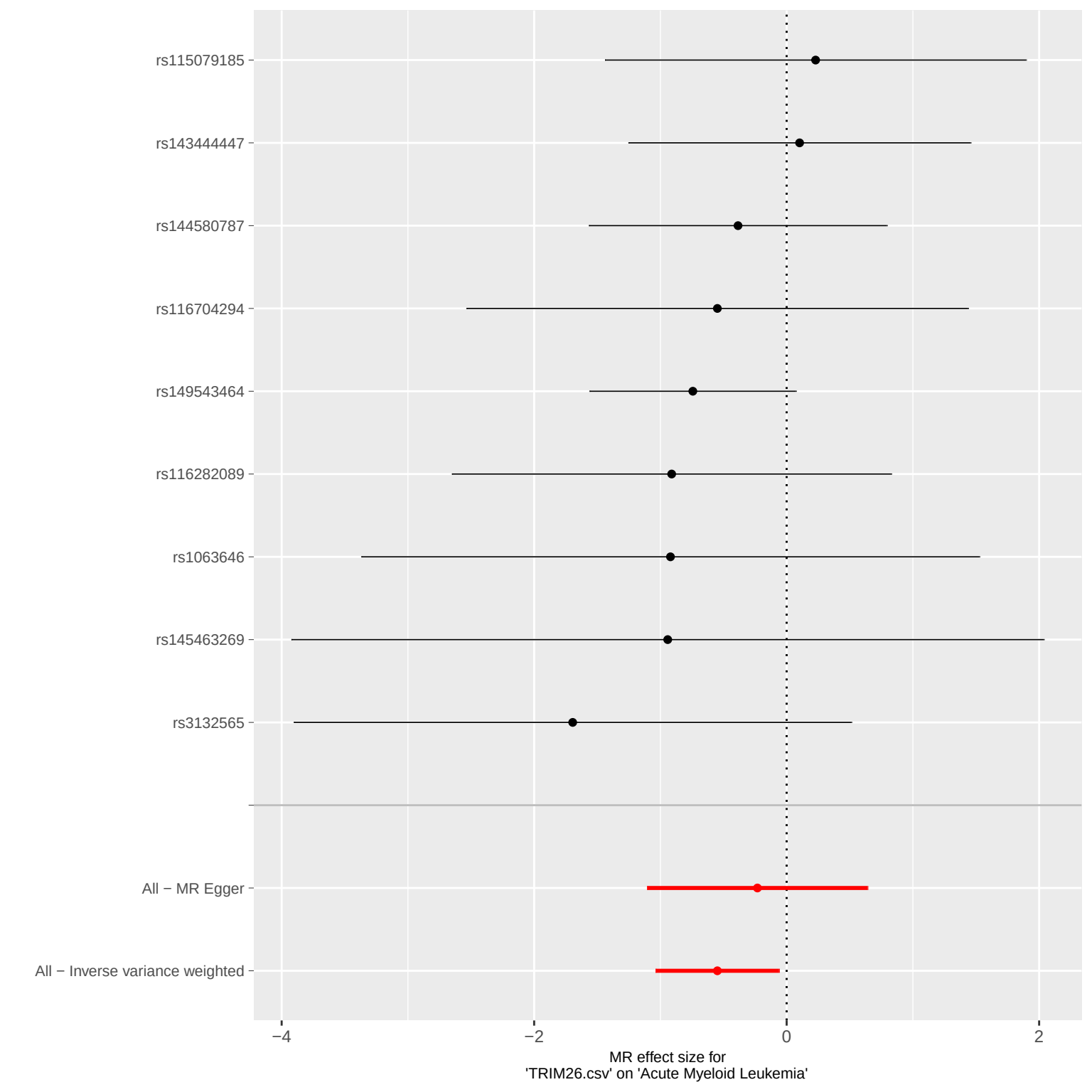
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'TRIM23.csv' on 'Acute Myeloid Leukemia'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rs144580787
rs116704294
rs149543464
rs116282089
rs1063646
rs145463269
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All − MR Egger
All − Inverse variance weighted
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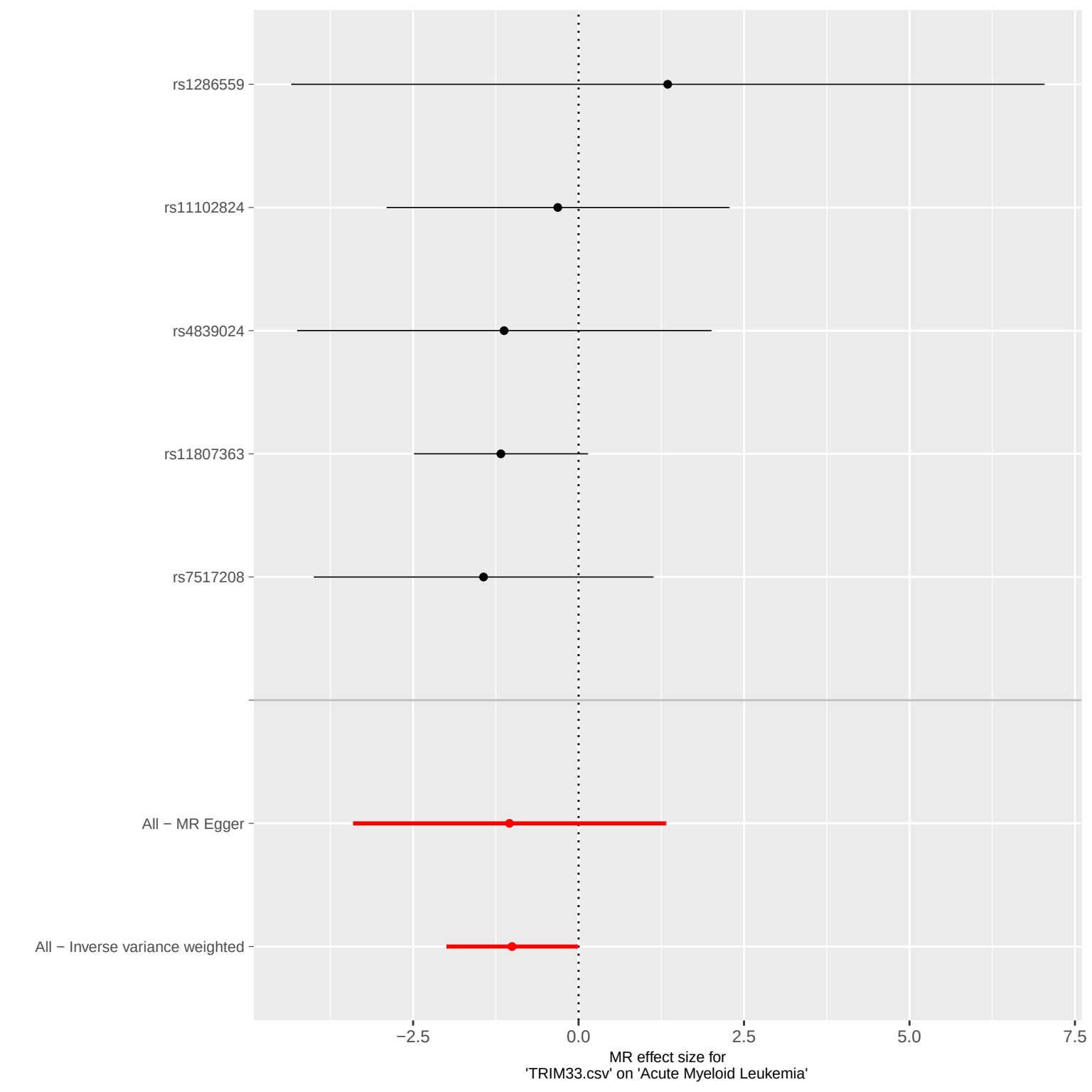
−2
0
2
MR effect size for
'TRIM26.csv' on 'Acute Myeloid Leukemia'


rs1286559
rs11102824
rs4839024
rs11807363
rs7517208
All − MR Egger
All − Inverse variance weighted
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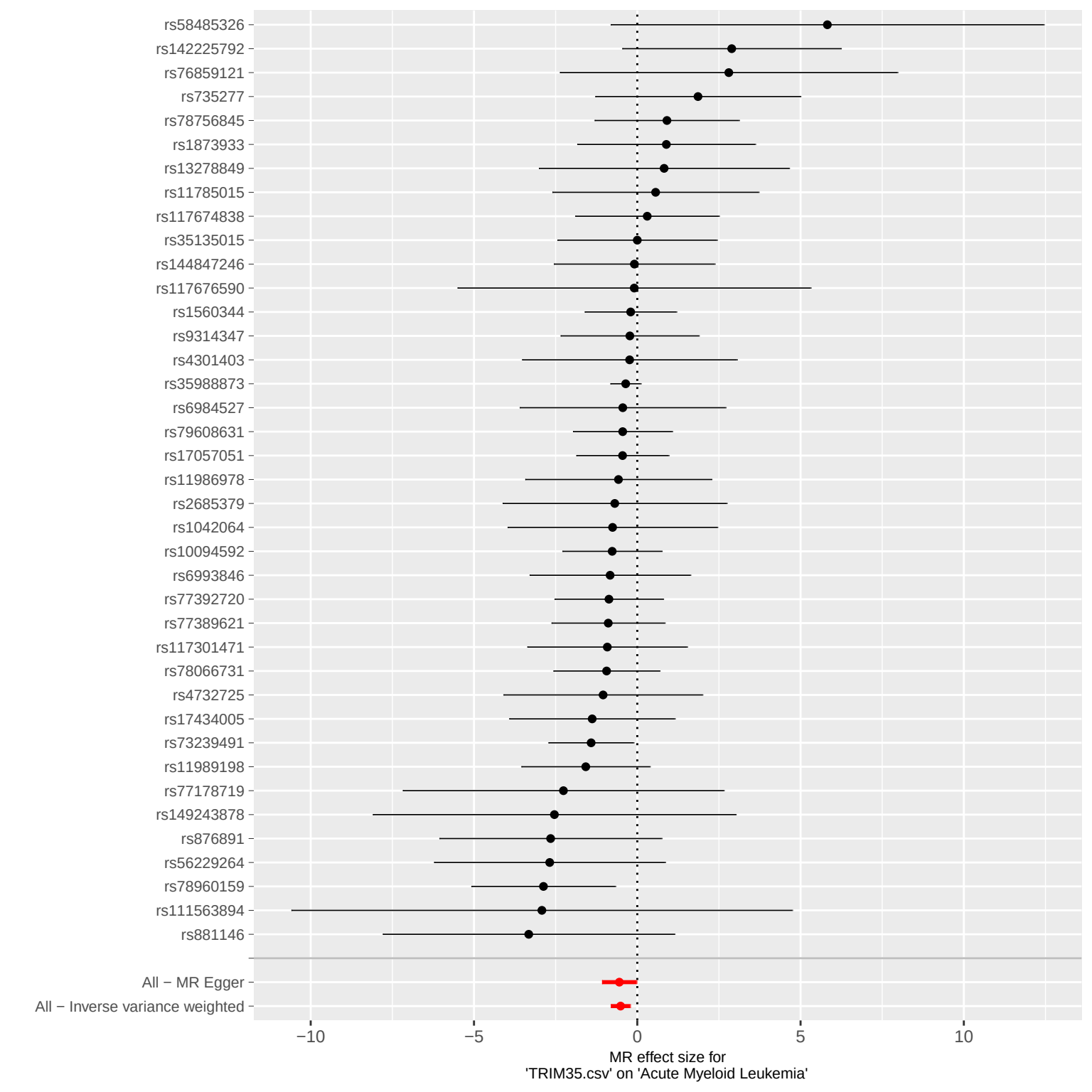
0.0
2.5
5.0
7.5
MR effect size for
'TRIM33.csv' on 'Acute Myeloid Leukemia'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rs1042064
rs10094592
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rs73239491
rs11989198
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rs149243878
rs876891
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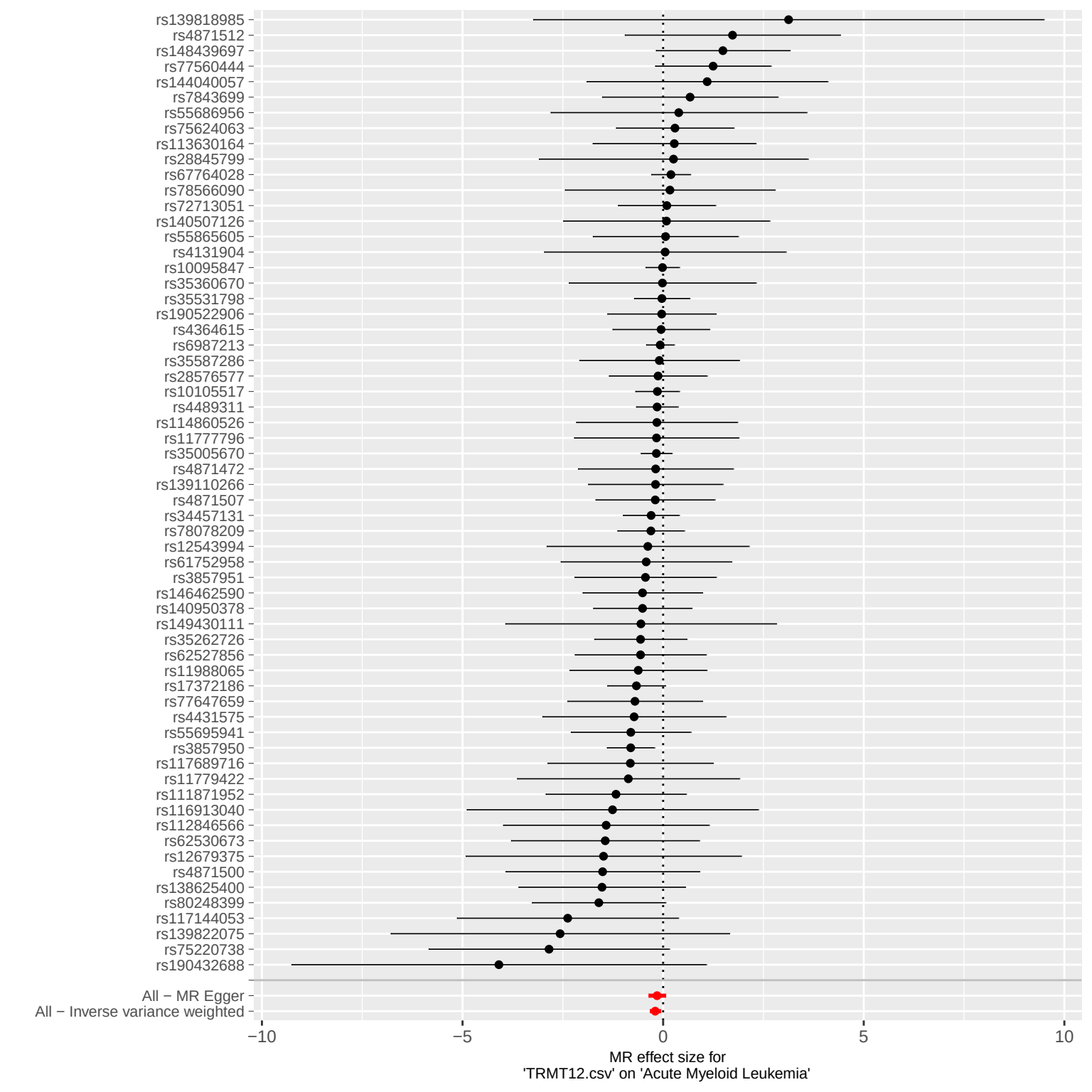
rs881146
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TRIM35.csv' on 'Acute Myeloid Leukemia'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rs12679375
rs4871500
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rs80248399
rs117144053
rs139822075
rs75220738
rs190432688
All − MR Egger
All − Inverse variance weighted
−10
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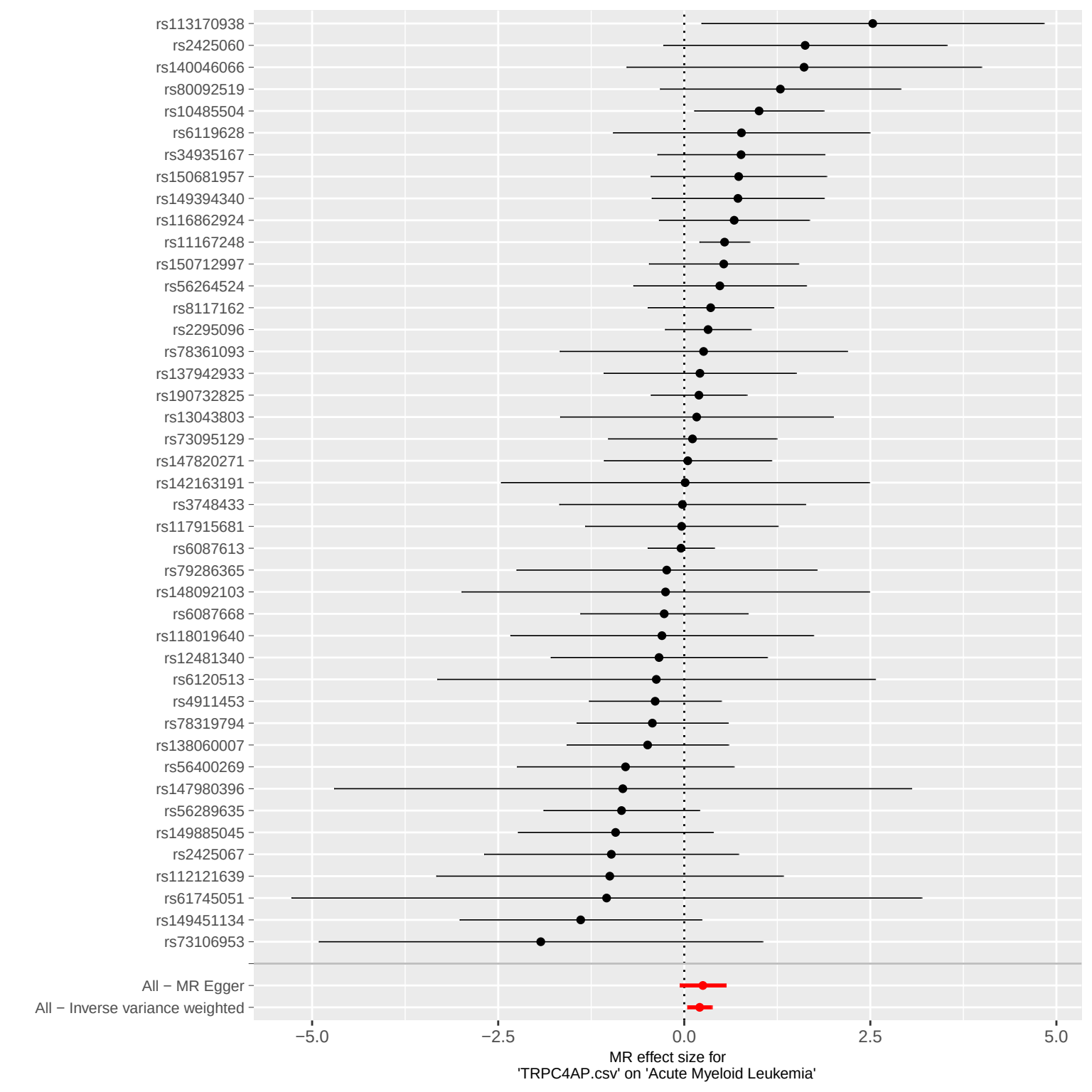
10
MR effect size for
'TRMT12.csv' on 'Acute Myeloid Leukemia'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rs56400269
rs147980396
rs56289635
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rs2425067
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rs73106953
All − MR Egger
All − Inverse variance weighted
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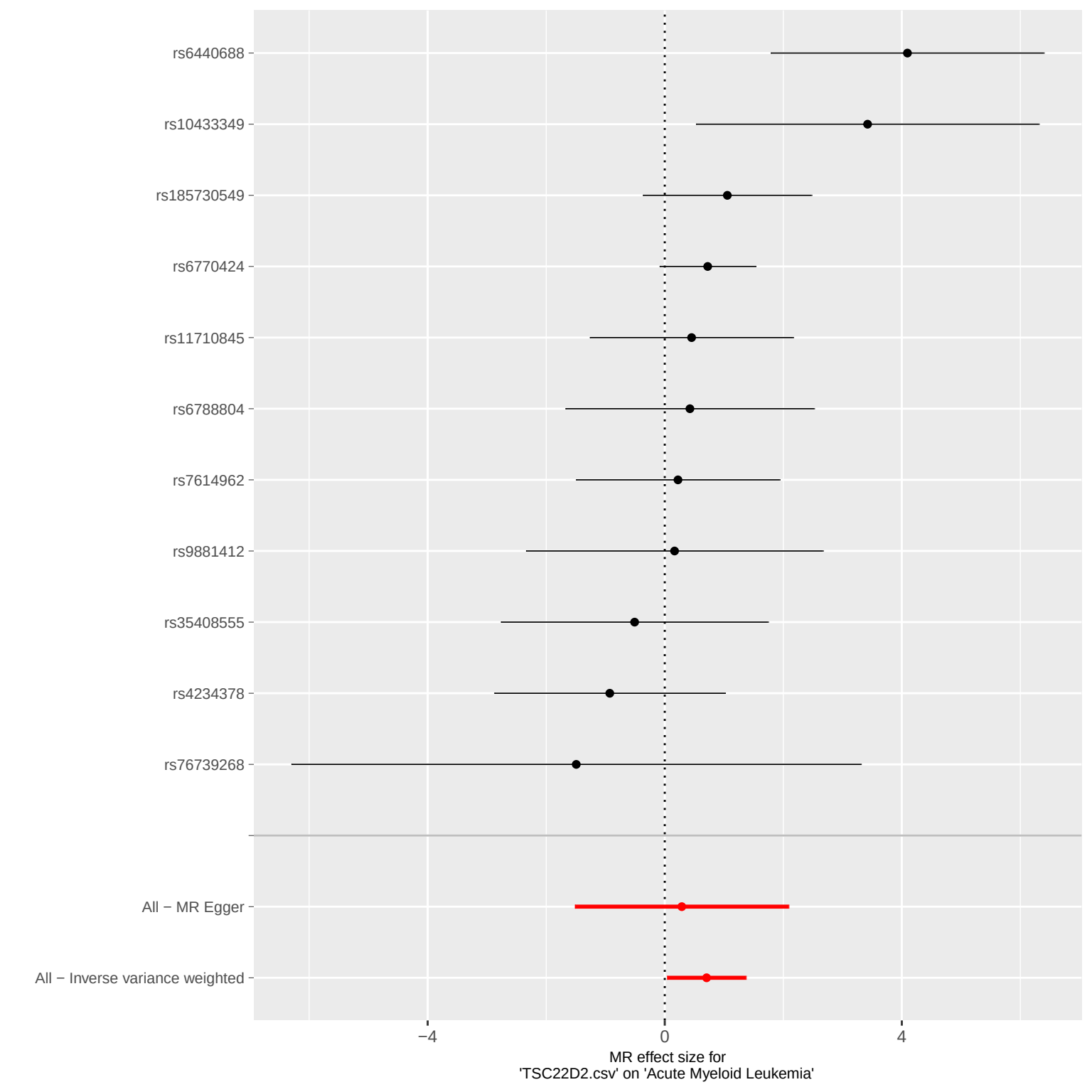
−2.5
0.0
2.5
5.0
MR effect size for
'TRPC4AP.csv' on 'Acute Myeloid Leukemia'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rs4234378
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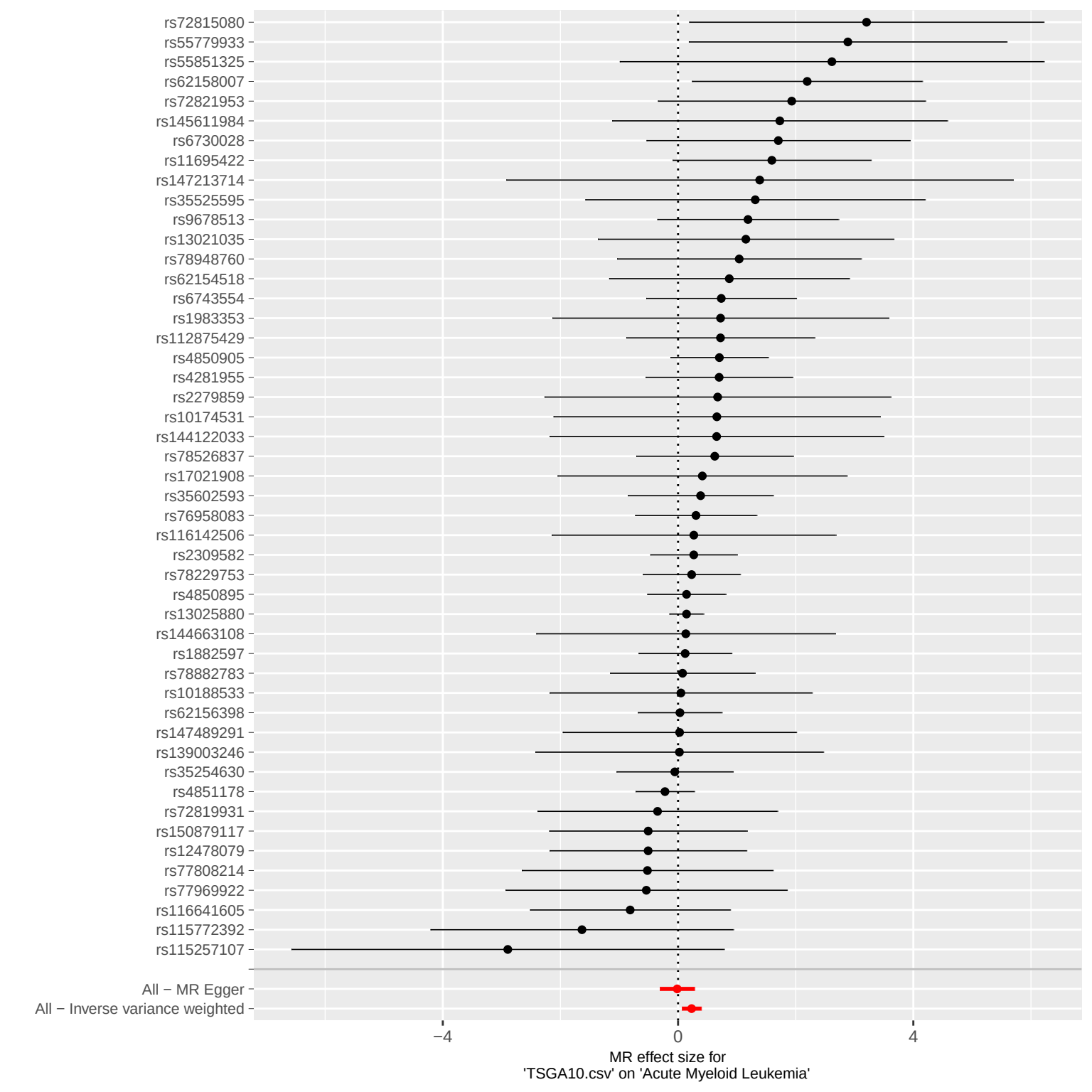
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'TSC22D2.csv' on 'Acute Myeloid Leukemia'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rs6743554
rs1983353
rs112875429
rs4850905
rs4281955
rs2279859
rs10174531
rs144122033
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rs12478079
rs77808214
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rs116641605
rs115772392
rs115257107
All − MR Egger
All − Inverse variance weighted
−4
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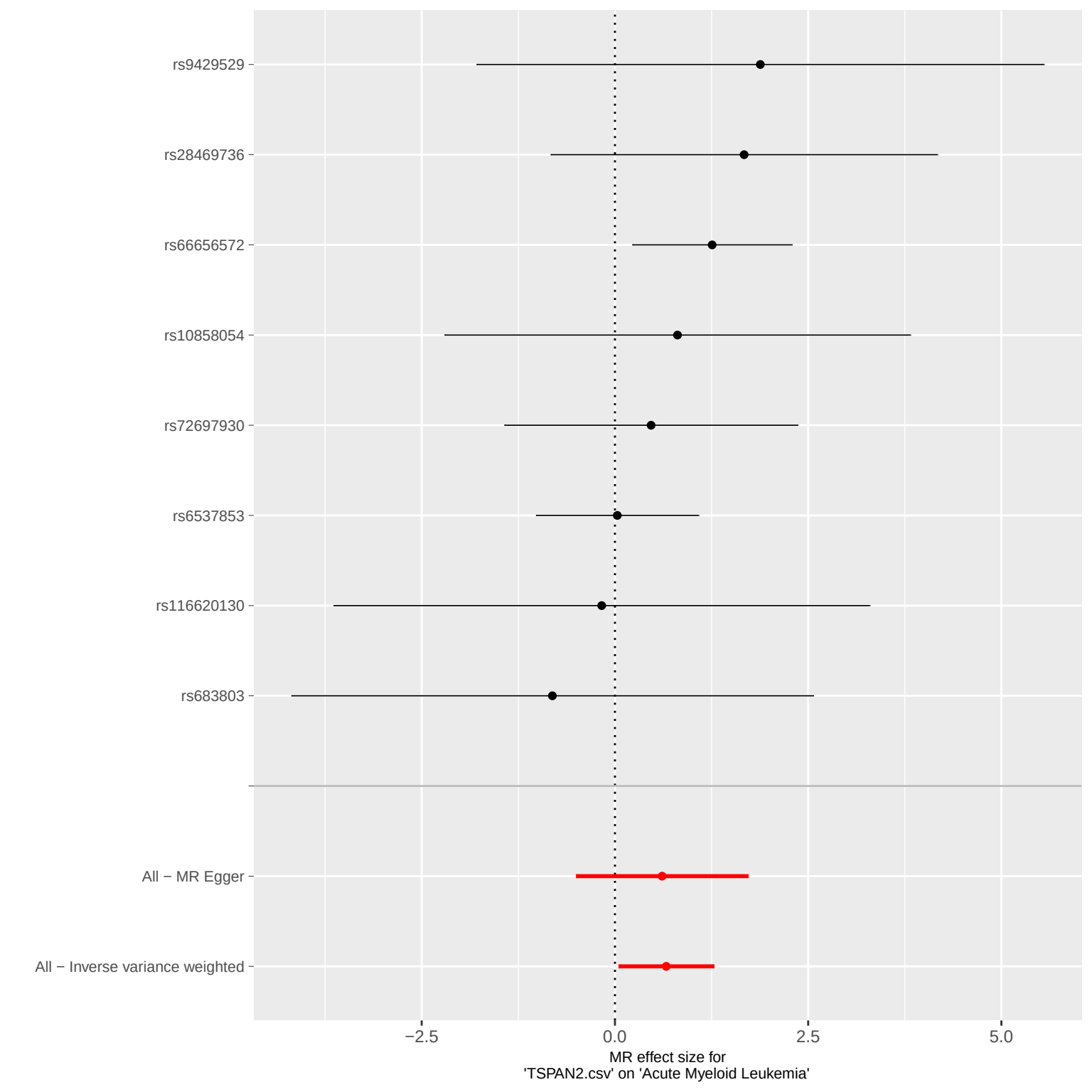
4
MR effect size for
'TSGA10.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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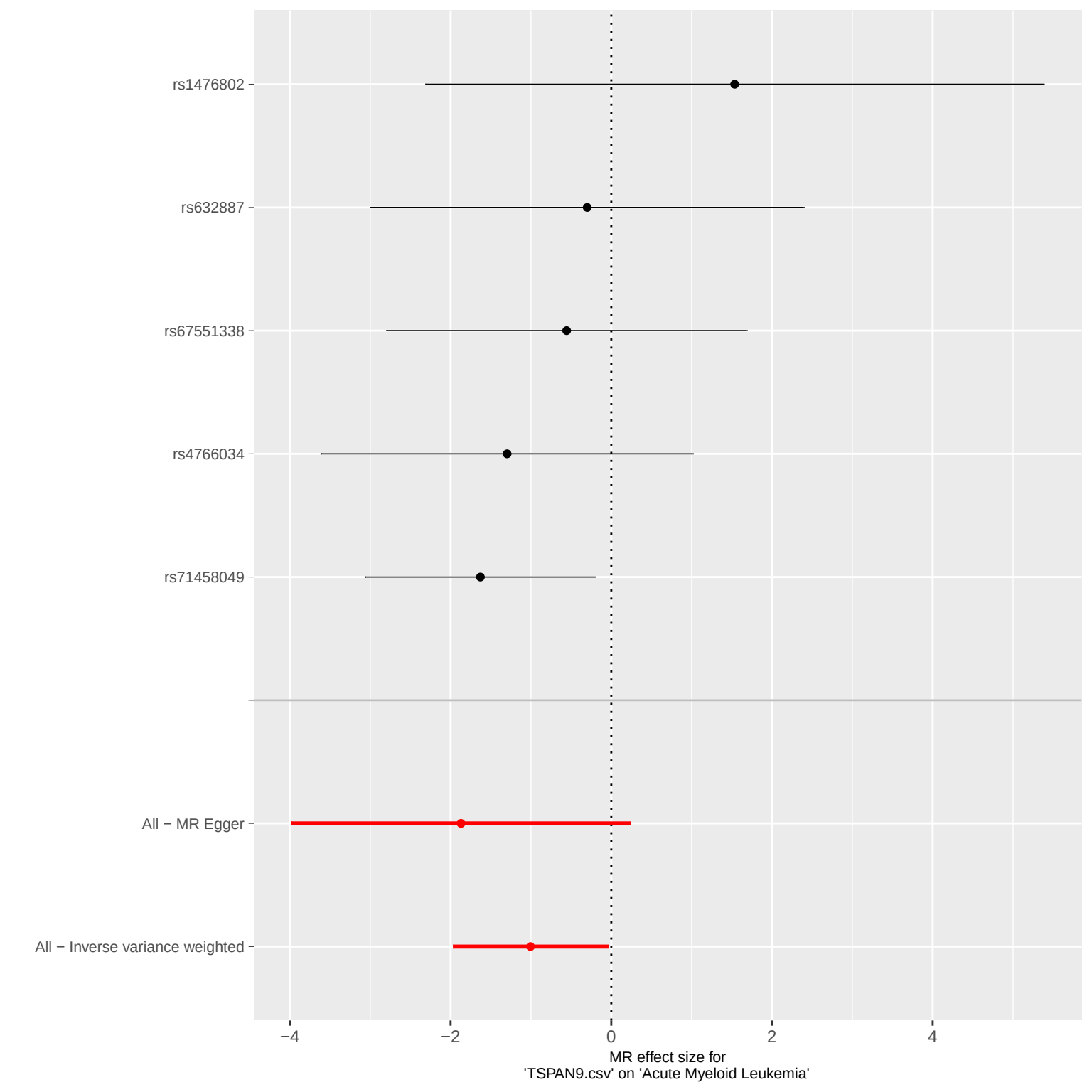
2.5
5.0
MR effect size for
'TSPAN2.csv' on 'Acute Myeloid Leukemia'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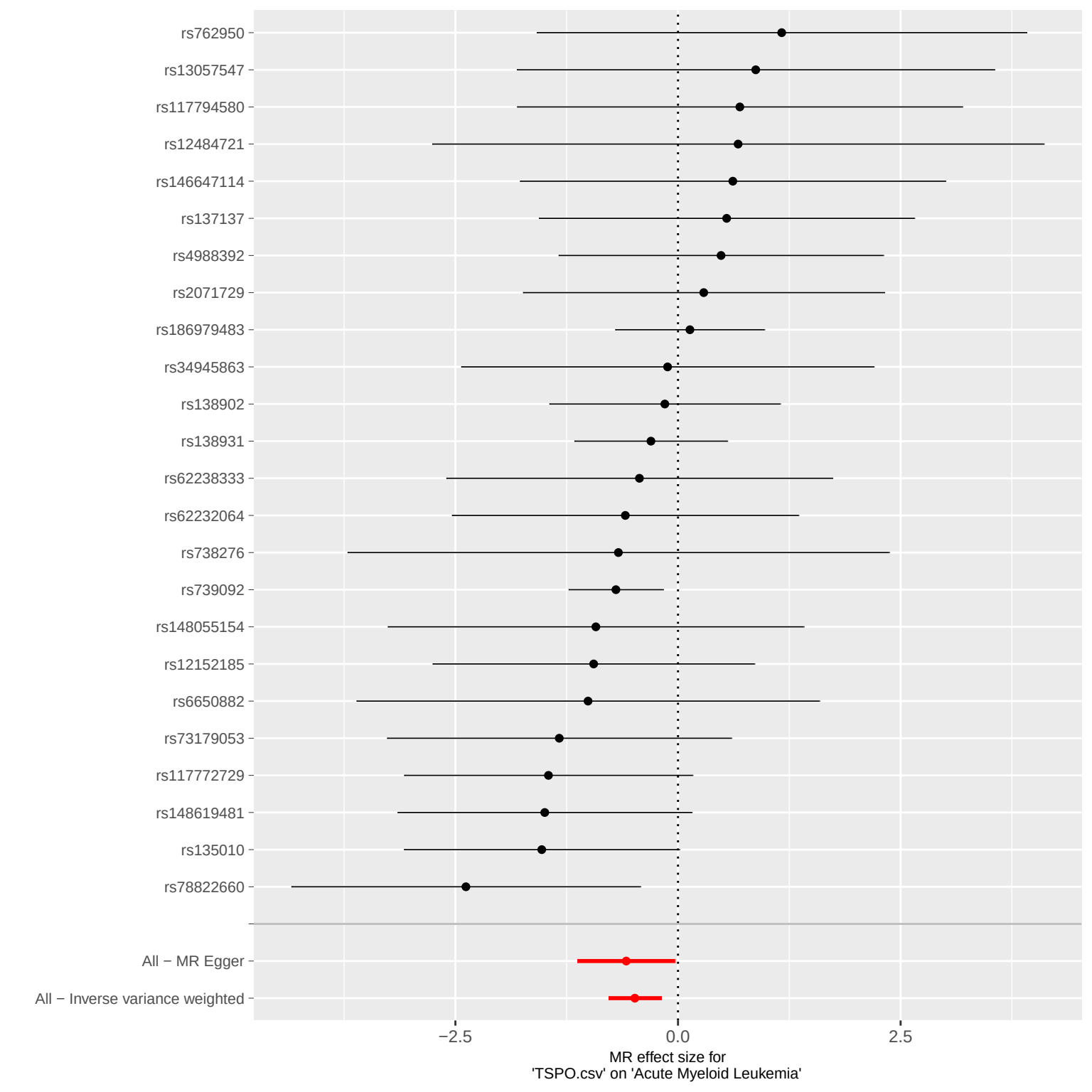
rs4766034
rs71458049
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'TSPAN9.csv' on 'Acute Myeloid Leukemia'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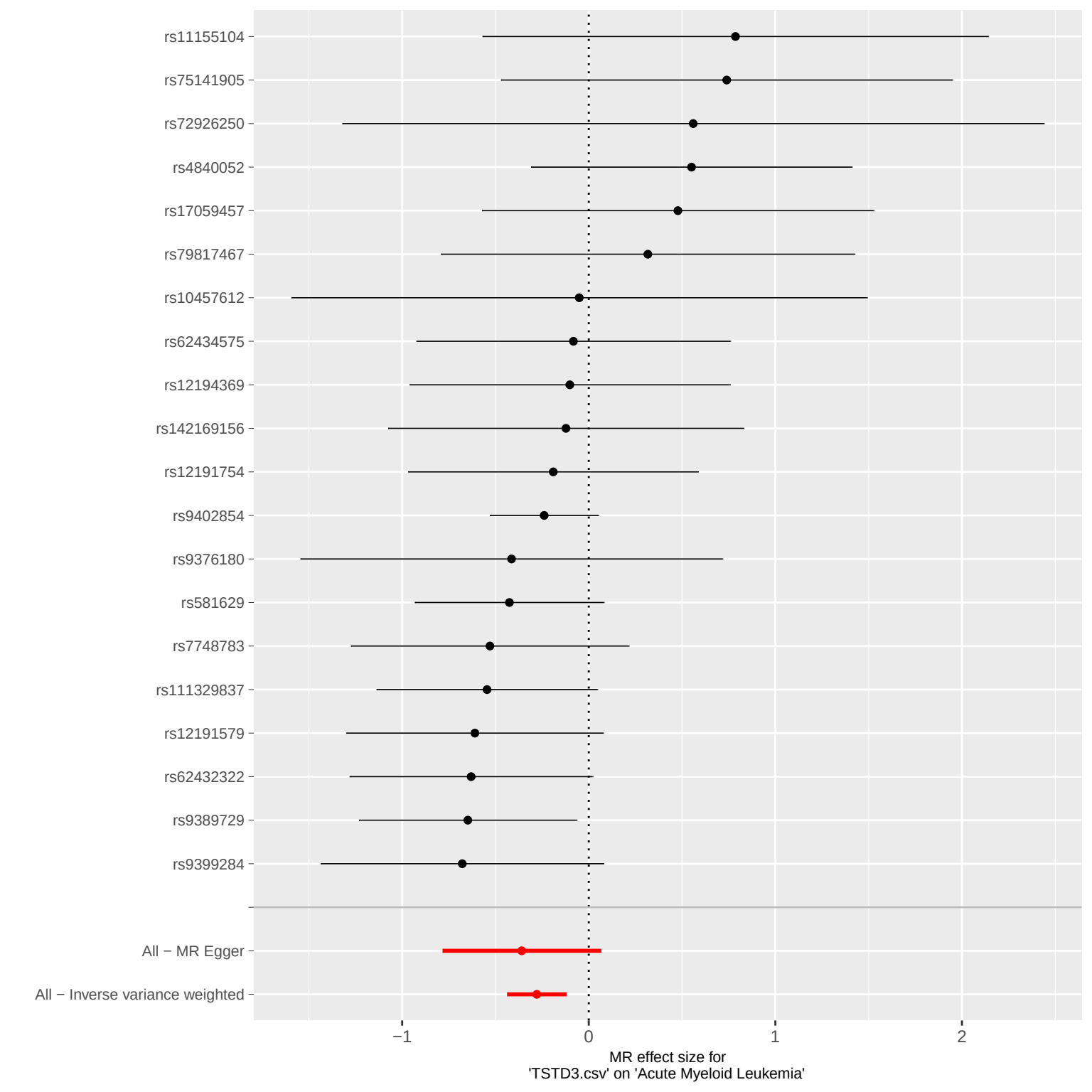
rs739092
rs148055154
rs12152185
rs6650882
rs73179053
rs117772729
rs148619481
rs135010
rs78822660
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TSPO.csv' on 'Acute Myeloid Leukemia'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rs62434575
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rs9402854
rs9376180
rs581629
rs7748783
rs111329837
rs12191579
rs62432322
rs9389729
rs9399284
All − MR Egger
All − Inverse variance weighted
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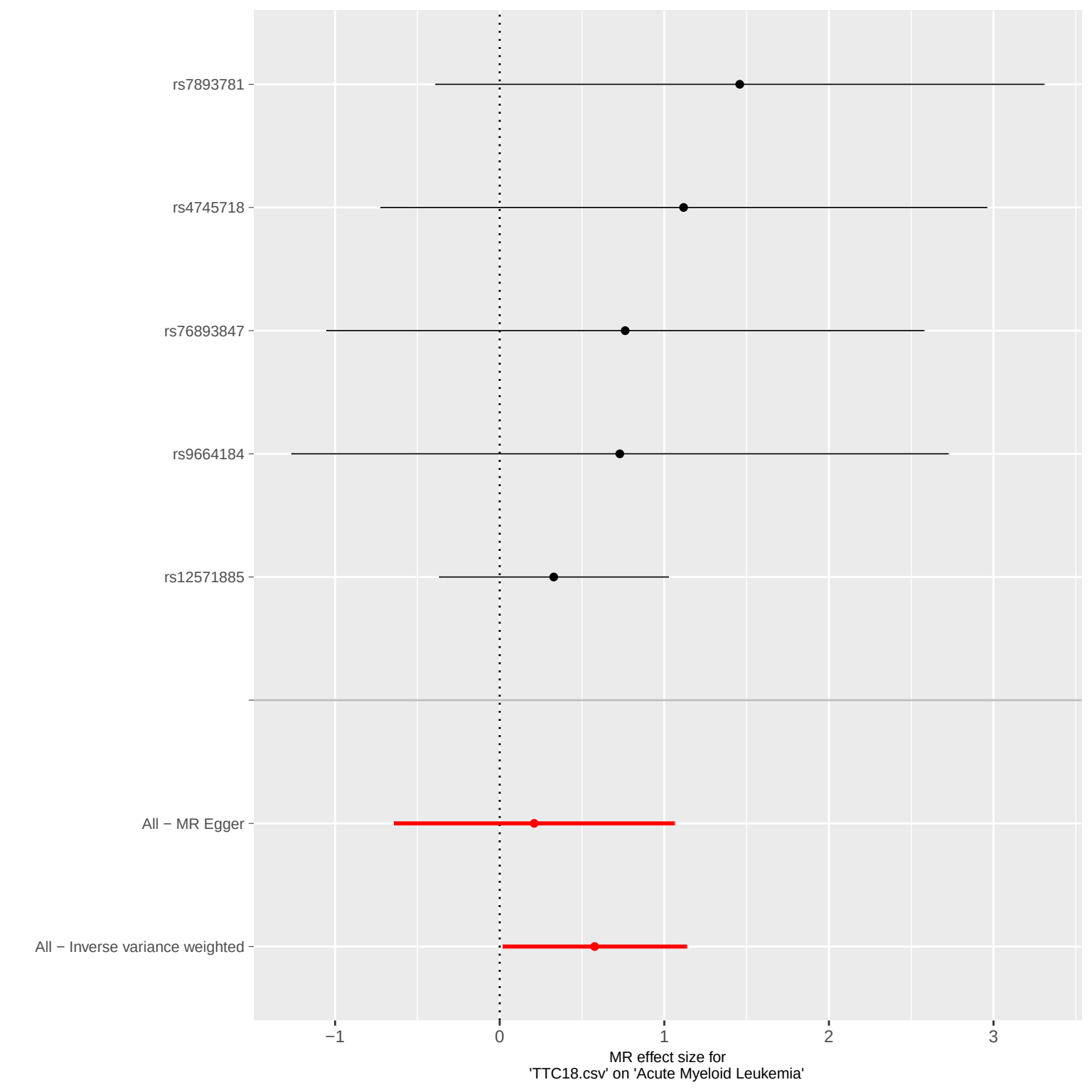
0
1
2
MR effect size for
'TSTD3.csv' on 'Acute Myeloid Leukemia'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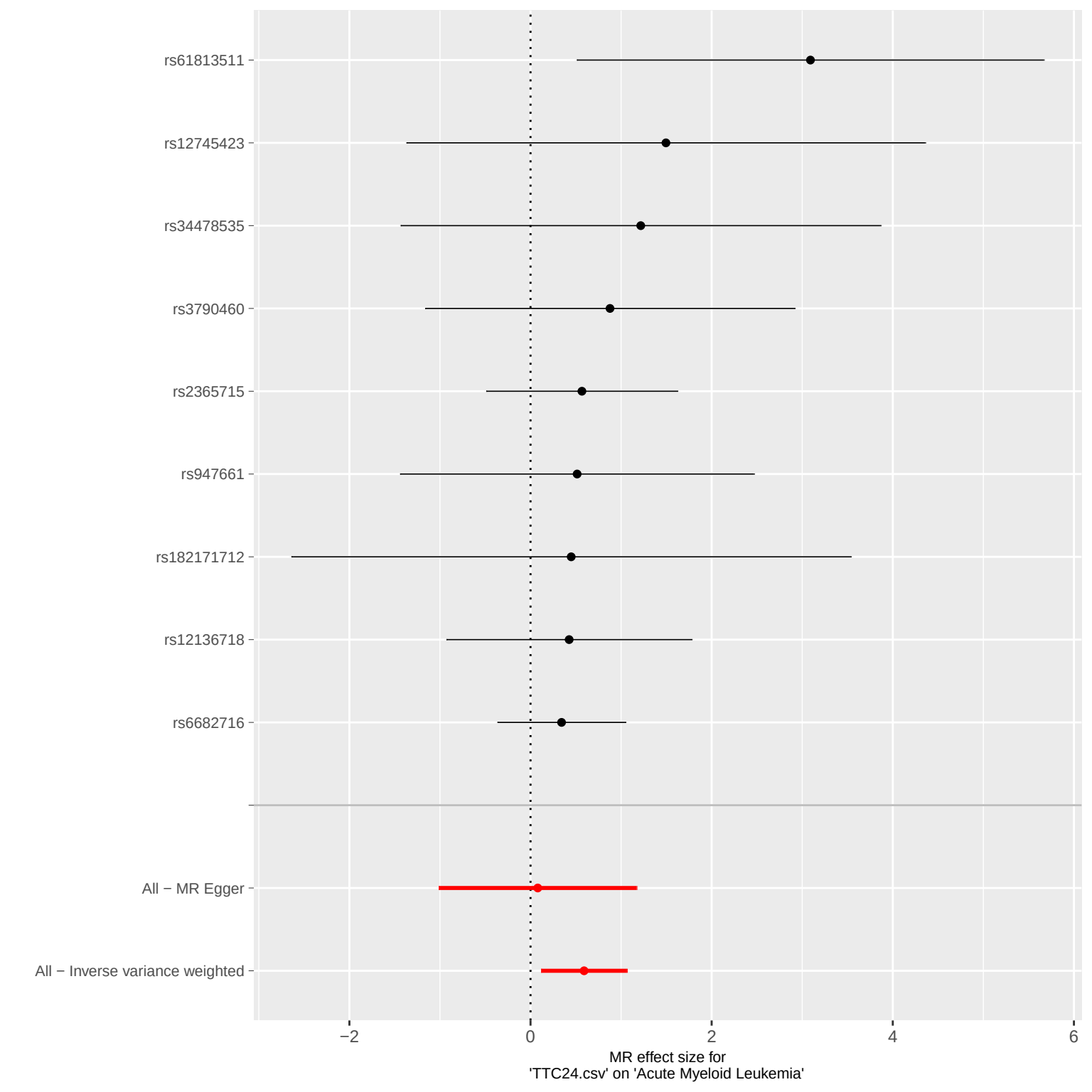
rs4745718
rs76893847
rs9664184
rs12571885
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'TTC18.csv' on 'Acute Myeloid Leukemia'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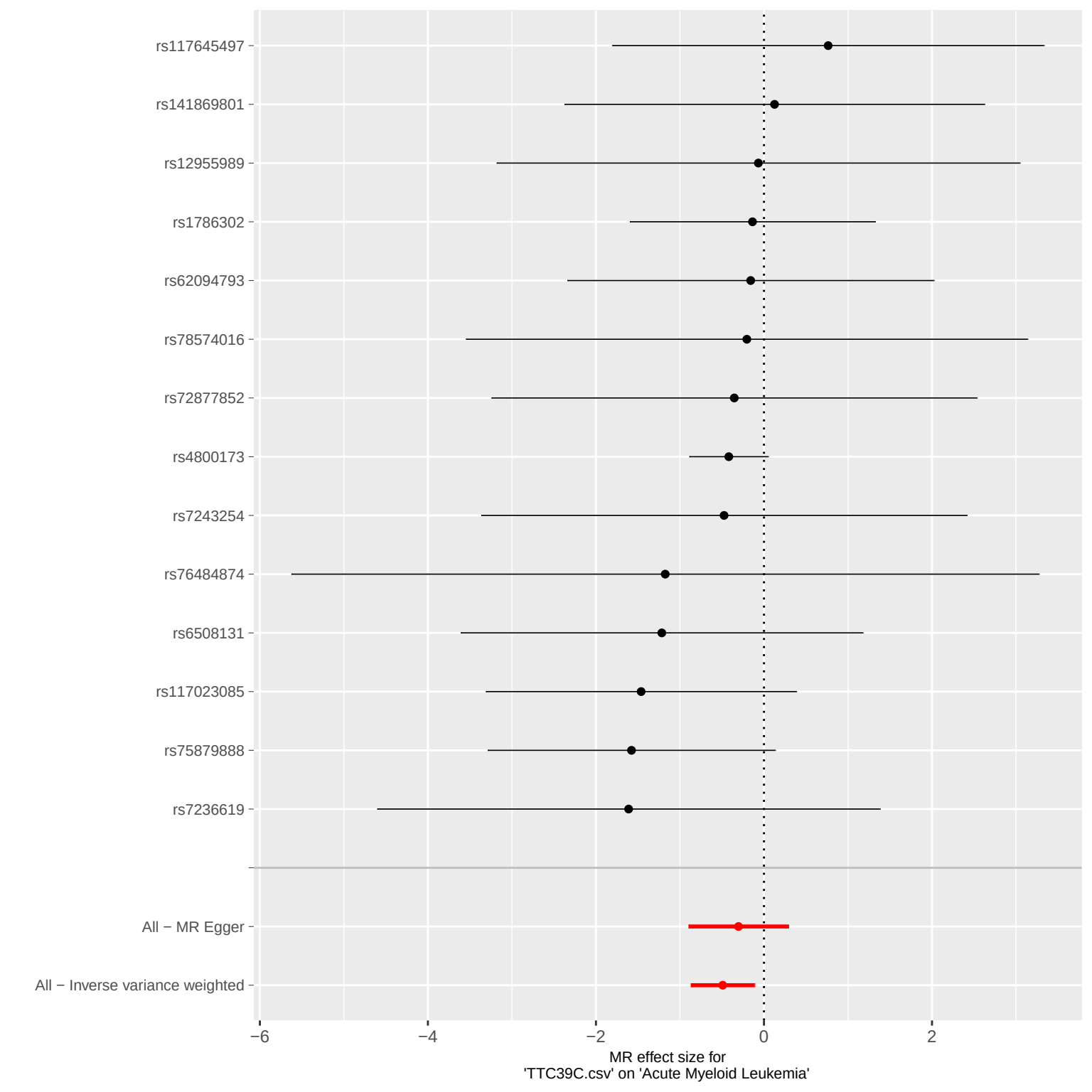
rs12745423
rs34478535
rs3790460
rs2365715
rs947661
rs182171712
rs12136718
rs6682716
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'TTC24.csv' on 'Acute Myeloid Leukemia'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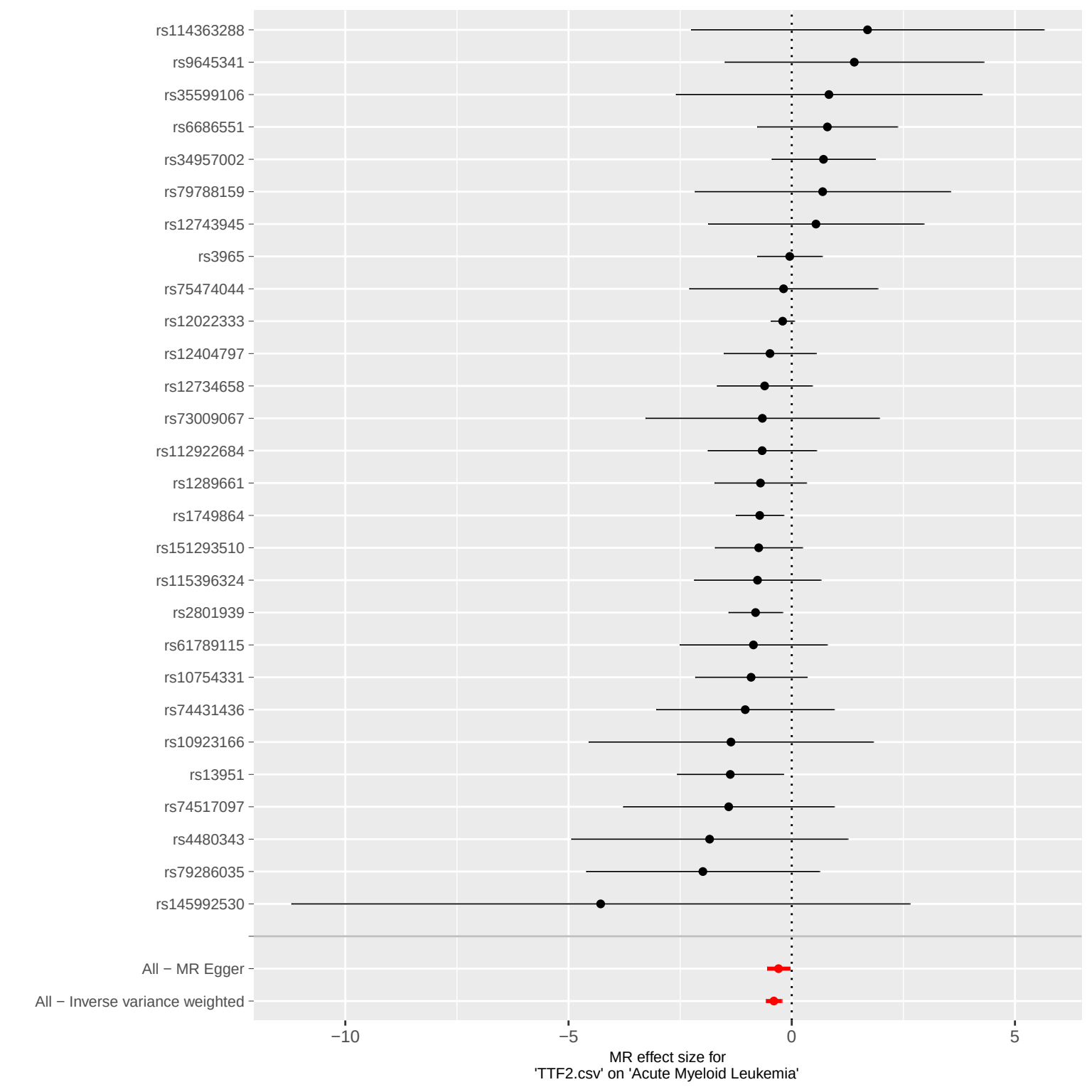
rs6508131
rs117023085
rs75879888
rs7236619
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'TTC39C.csv' on 'Acute Myeloid Leukemia'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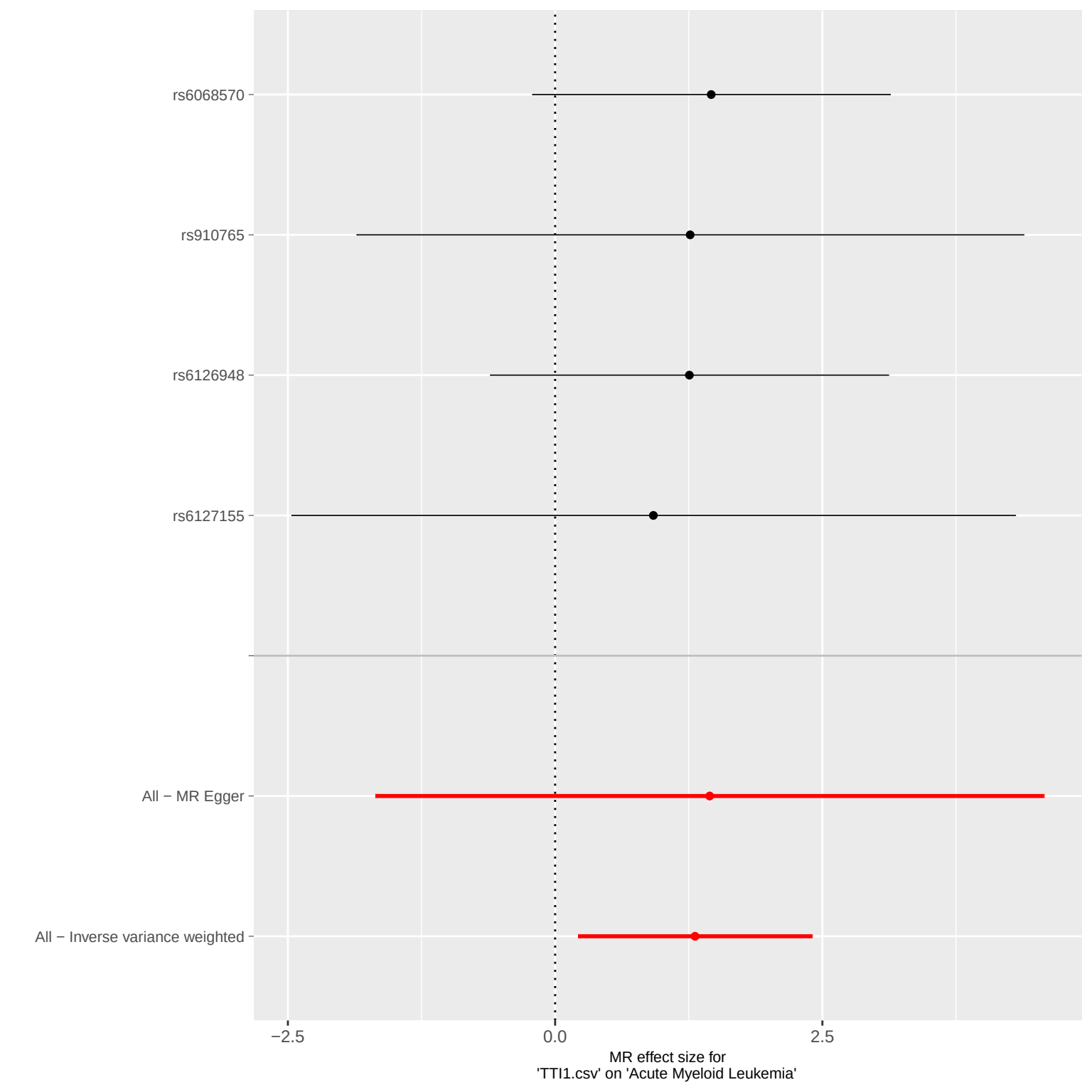
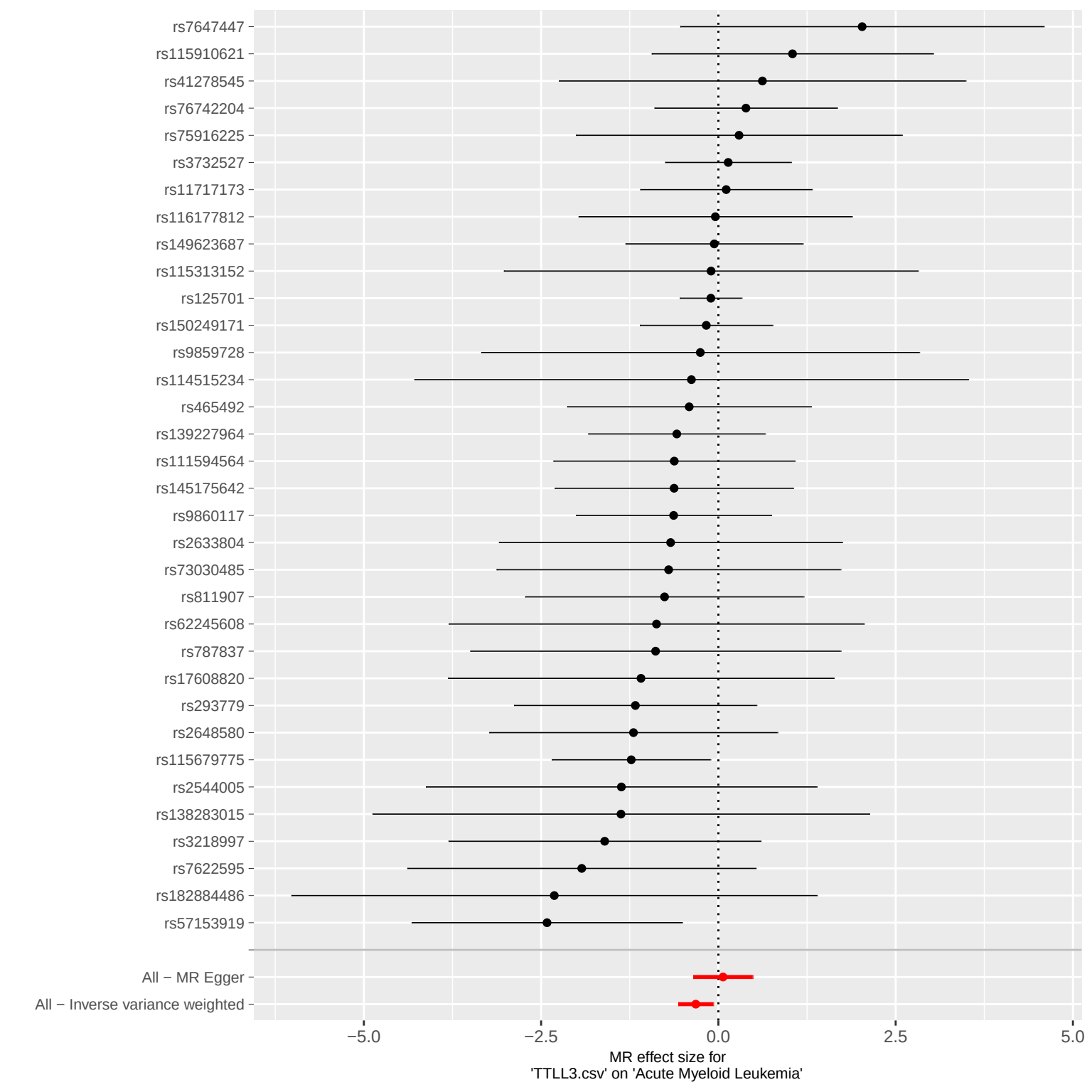
rs10923166
rs13951
rs74517097
rs4480343
rs79286035
rs145992530
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'TTF2.csv' on 'Acute Myeloid Leukemia'


rs6068570
rs910765
rs6126948
rs6127155
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TTI1.csv' on 'Acute Myeloid Leukemia'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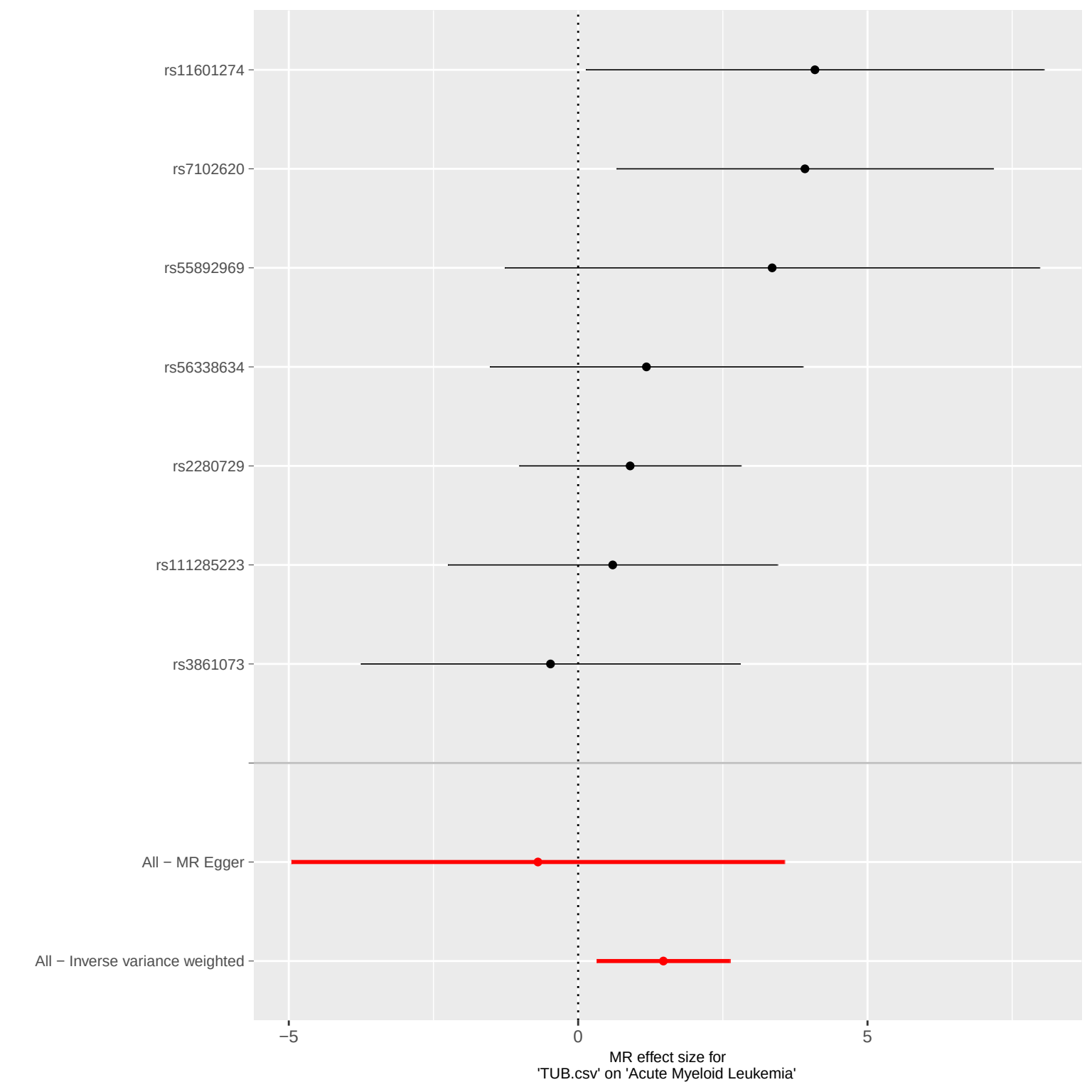
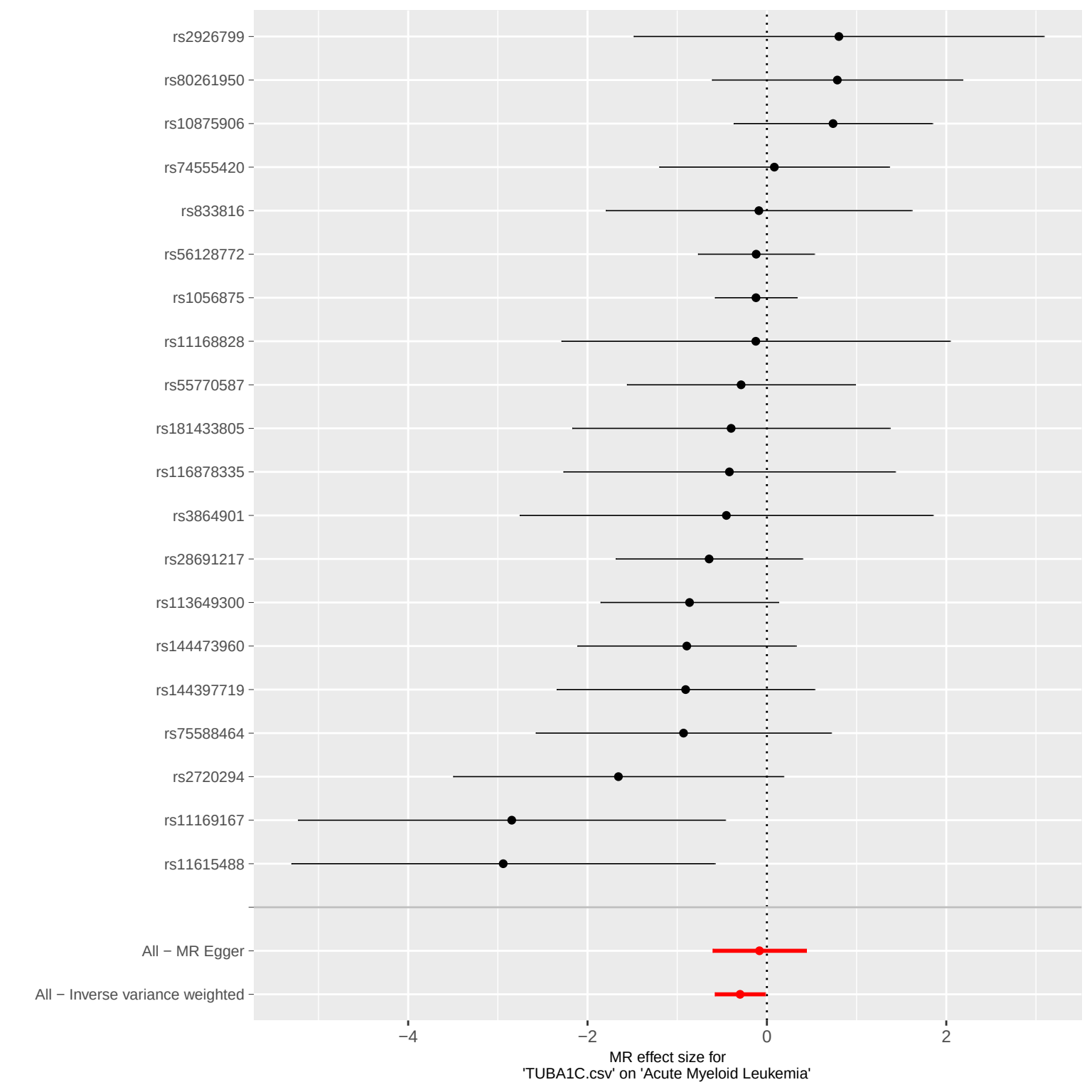
rs150249171
rs9859728
rs114515234
rs465492
rs139227964
rs111594564
rs145175642
rs9860117
rs2633804
rs73030485
rs811907
rs62245608
rs787837
rs17608820
rs293779
rs2648580
rs115679775
rs2544005
rs138283015
rs3218997
rs7622595
rs182884486
rs57153919
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TTLL3.csv' on 'Acute Myeloid Leukemia'


rs11601274
rs7102620
rs55892969
rs56338634
rs2280729
rs111285223
rs3861073
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'TUB.csv' on 'Acute Myeloid Leukemia'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rs10875906
rs74555420
rs833816
rs56128772
rs1056875
rs11168828
rs55770587
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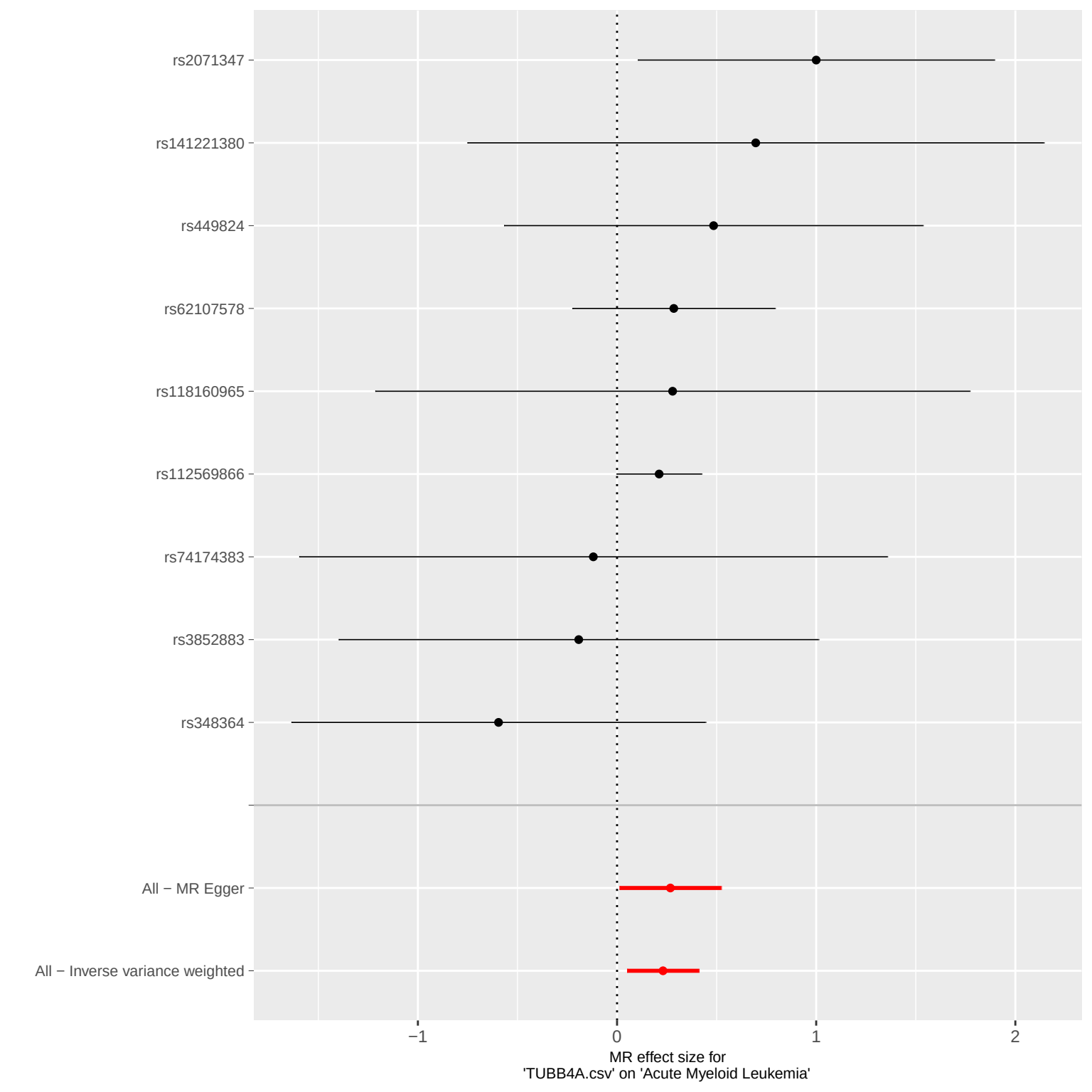
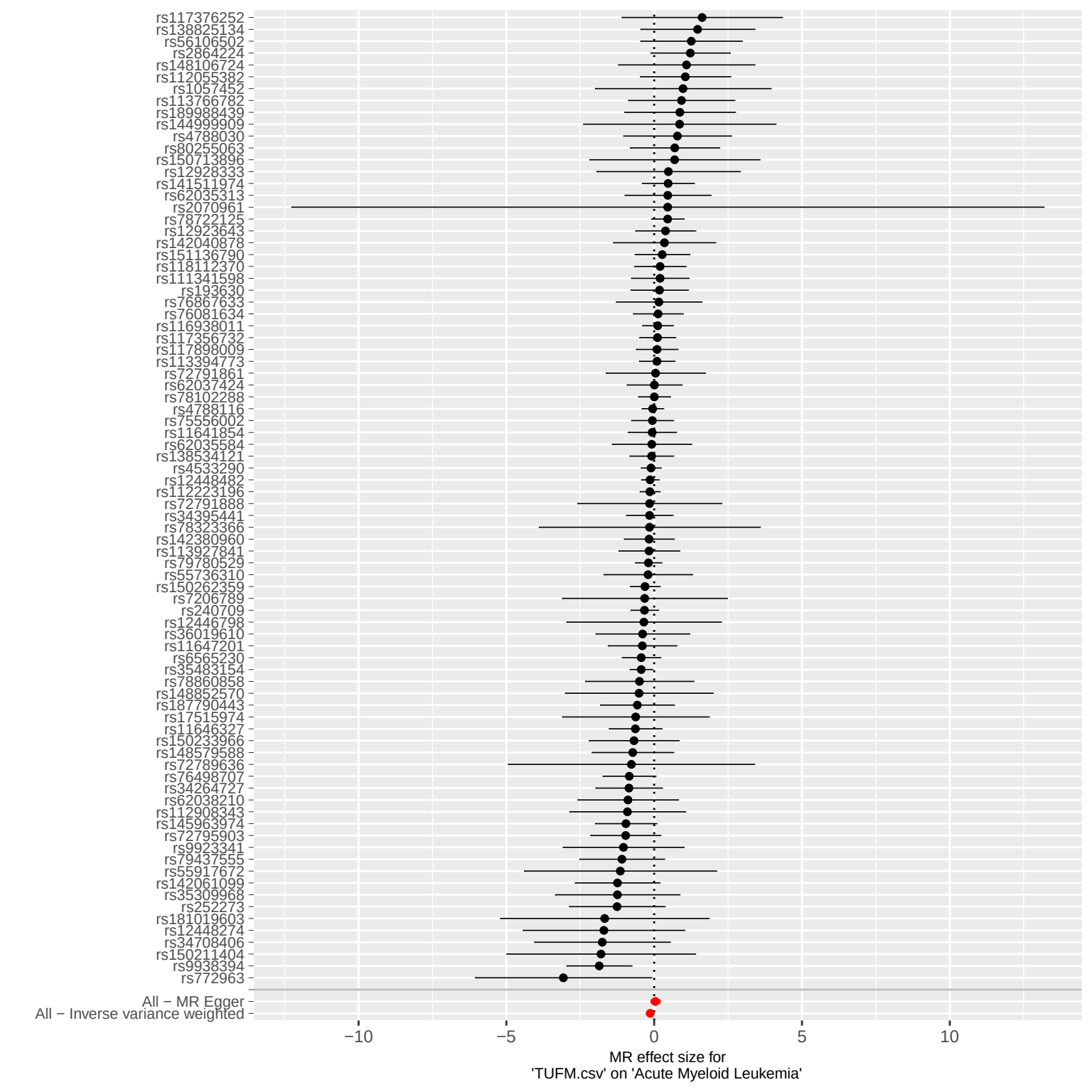
rs116878335
rs3864901
rs28691217
rs113649300
rs144473960
rs144397719
rs75588464
rs2720294
rs11169167
rs11615488
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TUBA1C.csv' on 'Acute Myeloid Leukemia'


rs2071347
rs141221380
rs449824
rs62107578
rs118160965
rs112569866
rs74174383
rs3852883
rs348364
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'TUBB4A.csv' on 'Acute Myeloid Leukemia'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rs112055382
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rs80255063
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rs12928333
rs141511974
rs62035313
rs2070961
rs78722125
rs12923643
rs142040878
rs151136790
rs118112370
rs111341598
rs193630
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rs75556002
rs11641854
rs62035584
rs138534121
rs4533290
rs12448482
rs112223196
rs72791888
rs34395441
rs78323366
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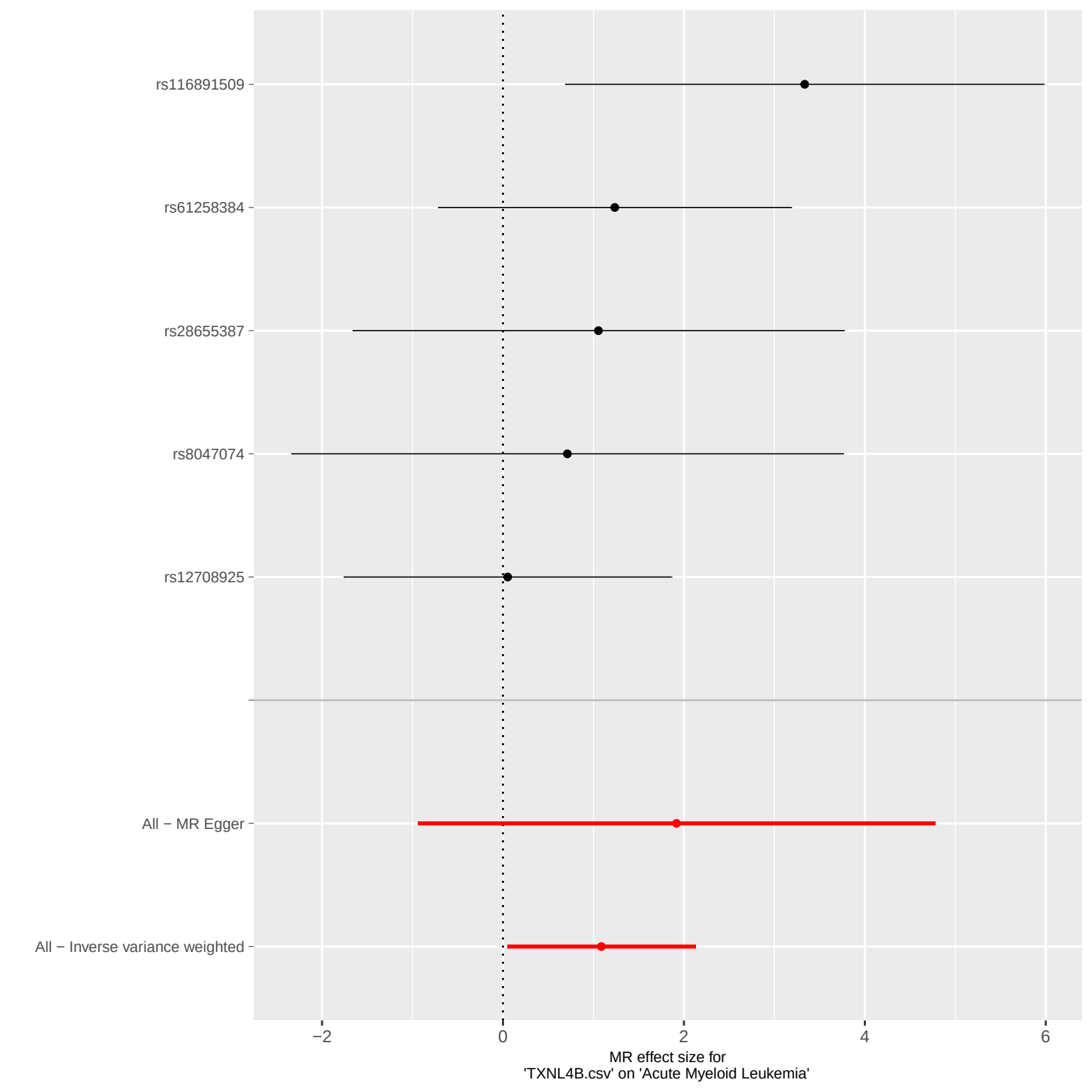
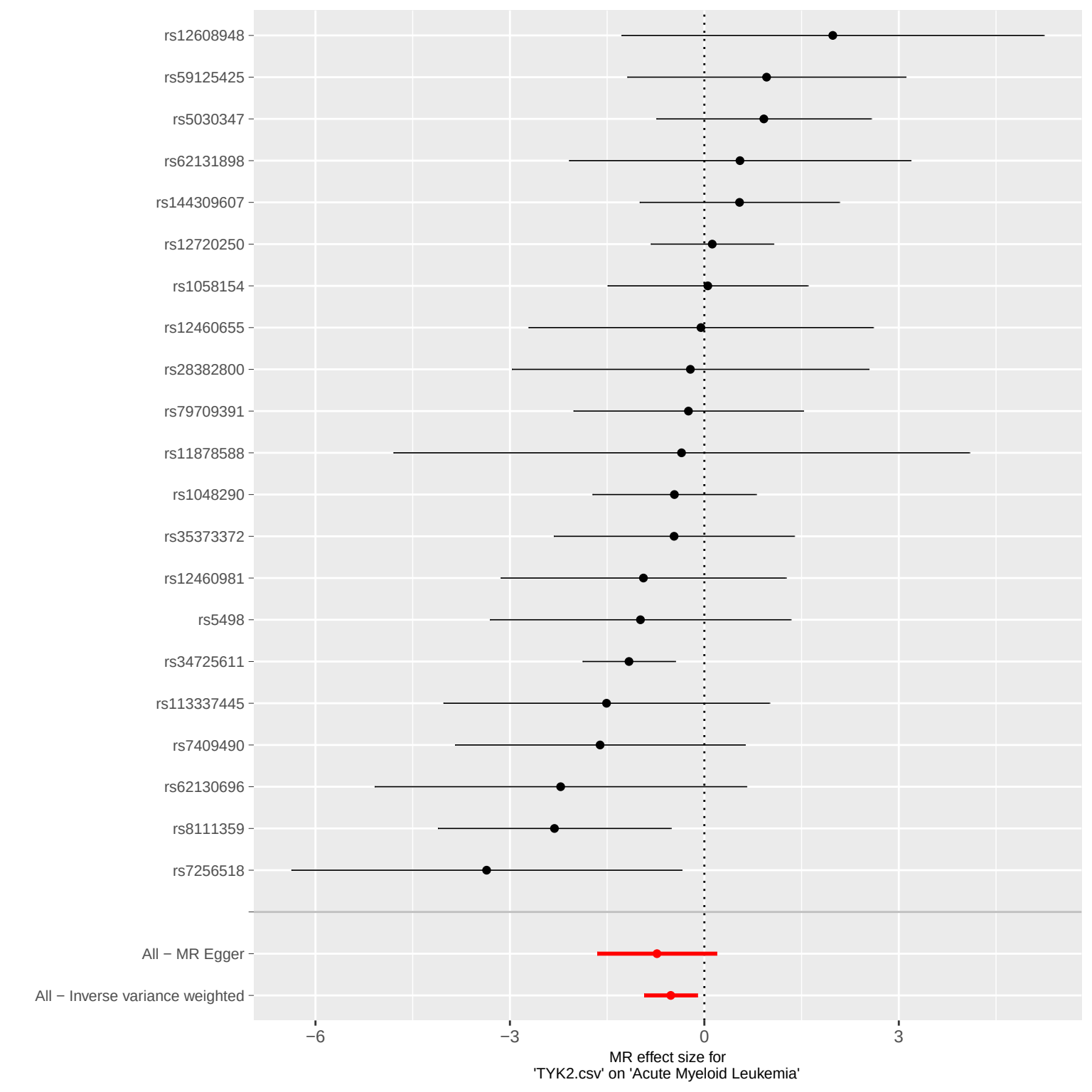
rs113927841
rs79780529
rs55736310
rs150262359
rs7206789
rs240709
rs12446798
rs36019610
rs11647201
rs6565230
rs35483154
rs78860858
rs148852570
rs187790443
rs17515974
rs11646327
rs150233966
rs148579588
rs72789636
rs76498707
rs34264727
rs62038210
rs112908343
rs145963974
rs72795903
rs9923341
rs79437555
rs55917672
rs142061099
rs35309968
rs252273
rs181019603
rs12448274
rs34708406
rs150211404
rs9938394
rs772963
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
10
MR effect size for
'TUFM.csv' on 'Acute Myeloid Leukemia'


rs116891509
rs61258384
rs28655387
rs8047074
rs12708925
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'TXNL4B.csv' on 'Acute Myeloid Leukemia'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rs5030347
rs62131898
rs144309607
rs12720250
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rs28382800
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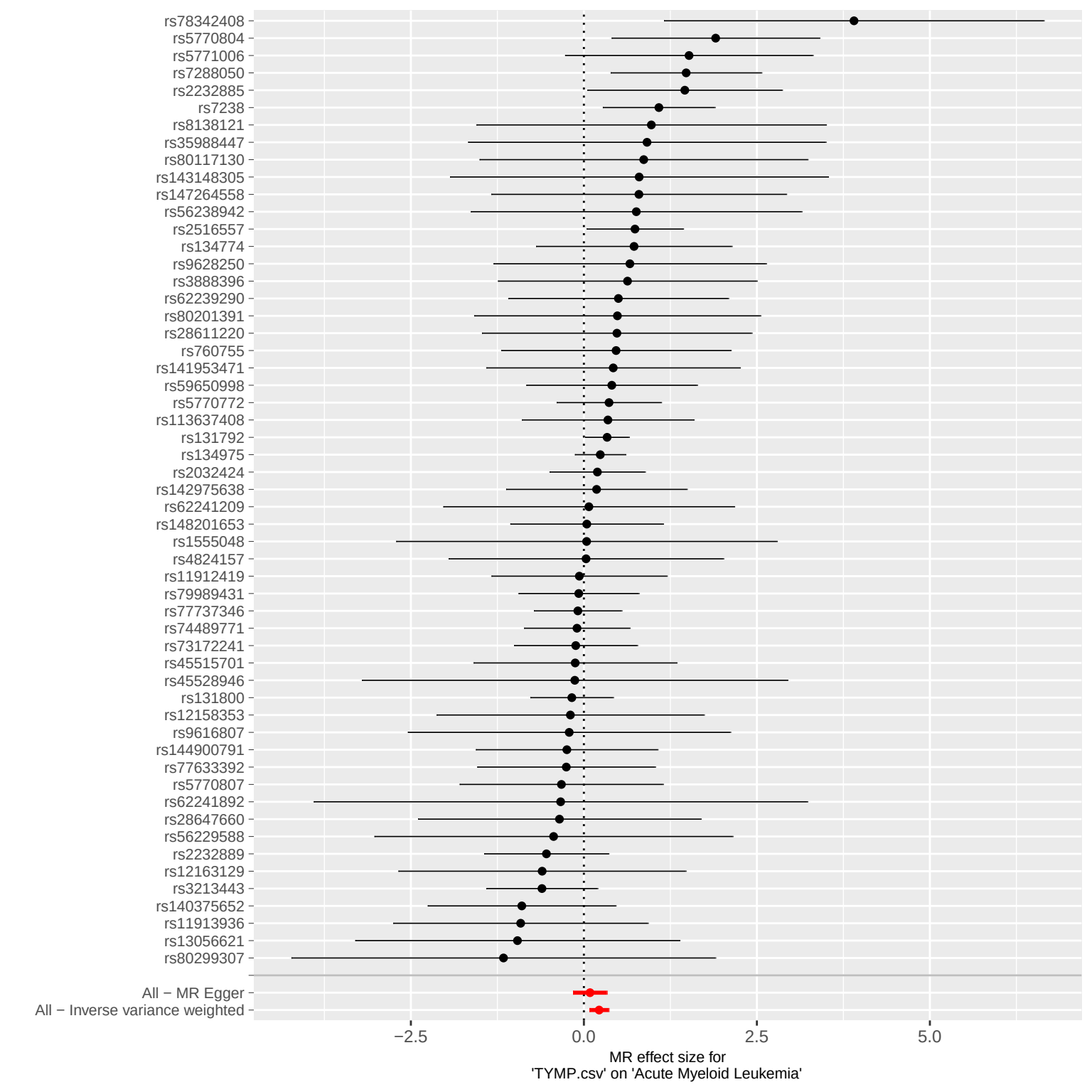
rs11878588
rs1048290
rs35373372
rs12460981
rs5498
rs34725611
rs113337445
rs7409490
rs62130696
rs8111359
rs7256518
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'TYK2.csv' on 'Acute Myeloid Leukemia'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rs5771006
rs7288050
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rs7238
rs8138121
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rs56238942
rs2516557
rs134774
rs9628250
rs3888396
rs62239290
rs80201391
rs28611220
rs760755
rs141953471
rs59650998
rs5770772
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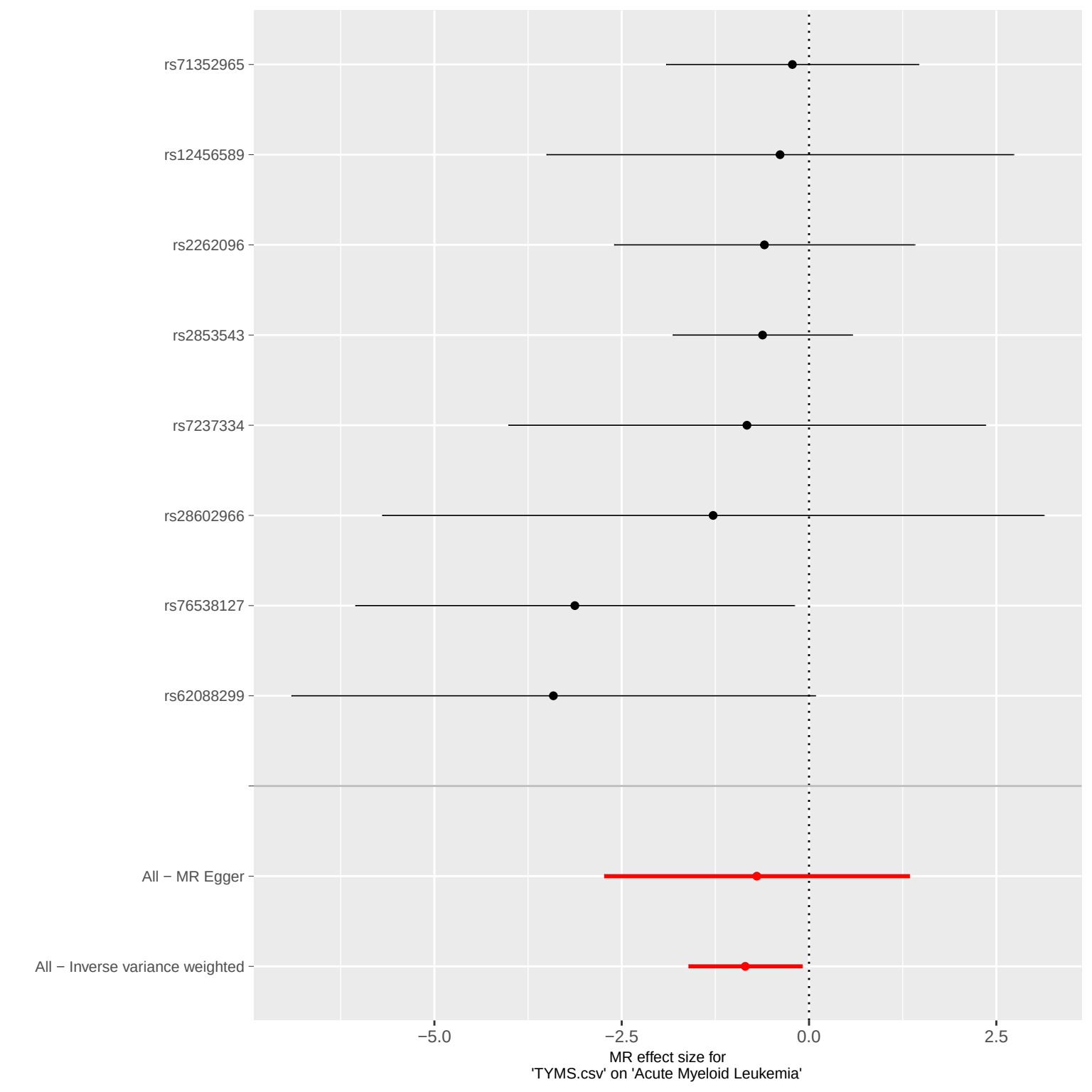
rs131792
rs134975
rs2032424
rs142975638
rs62241209
rs148201653
rs1555048
rs4824157
rs11912419
rs79989431
rs77737346
rs74489771
rs73172241
rs45515701
rs45528946
rs131800
rs12158353
rs9616807
rs144900791
rs77633392
rs5770807
rs62241892
rs28647660
rs56229588
rs2232889
rs12163129
rs3213443
rs140375652
rs11913936
rs13056621
rs80299307
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'TYMP.csv' on 'Acute Myeloid Leukemia'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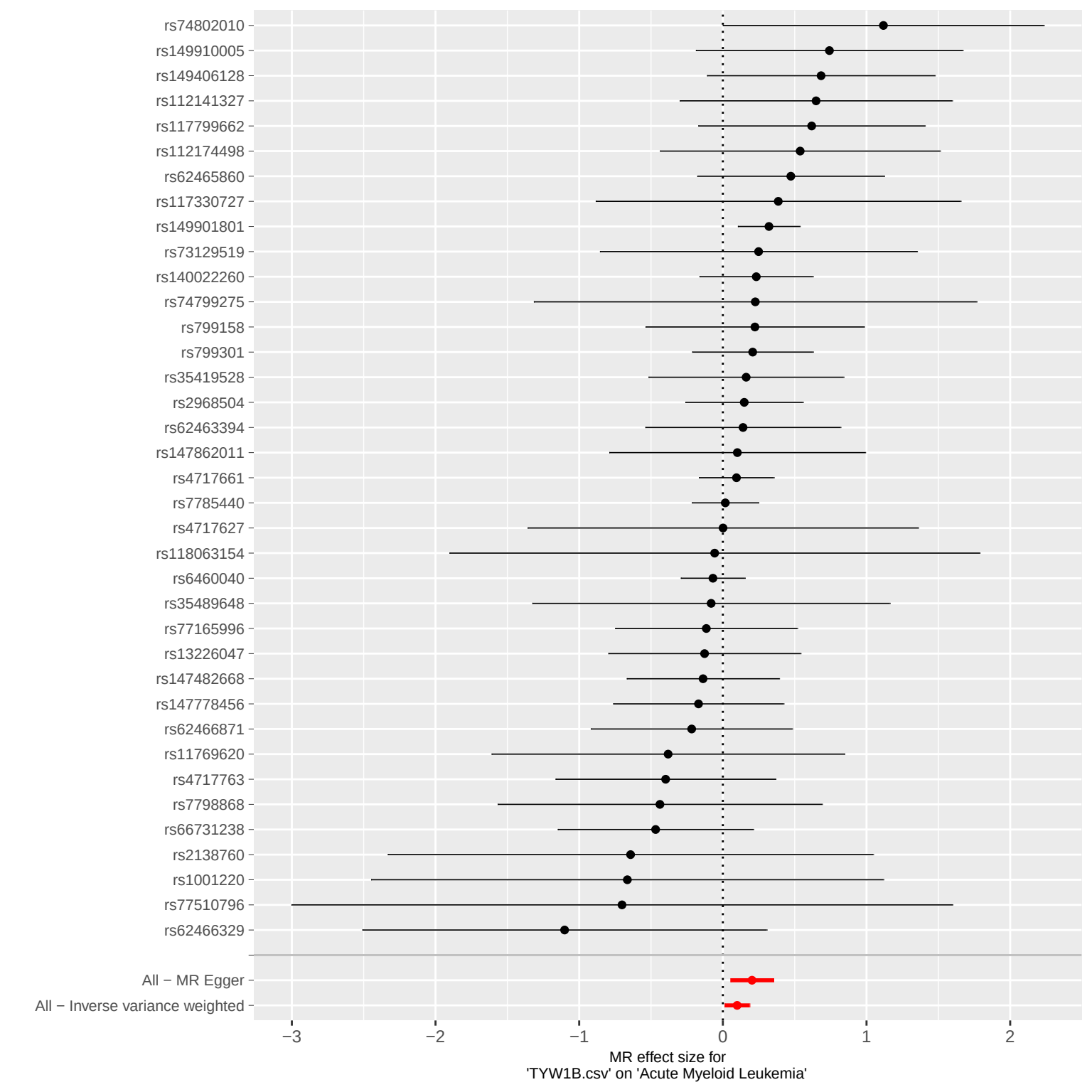
rs12456589
rs2262096
rs2853543
rs7237334
rs28602966
rs76538127
rs62088299
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TYMS.csv' on 'Acute Myeloid Leukemia'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rs149901801
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rs140022260
rs74799275
rs799158
rs799301
rs35419528
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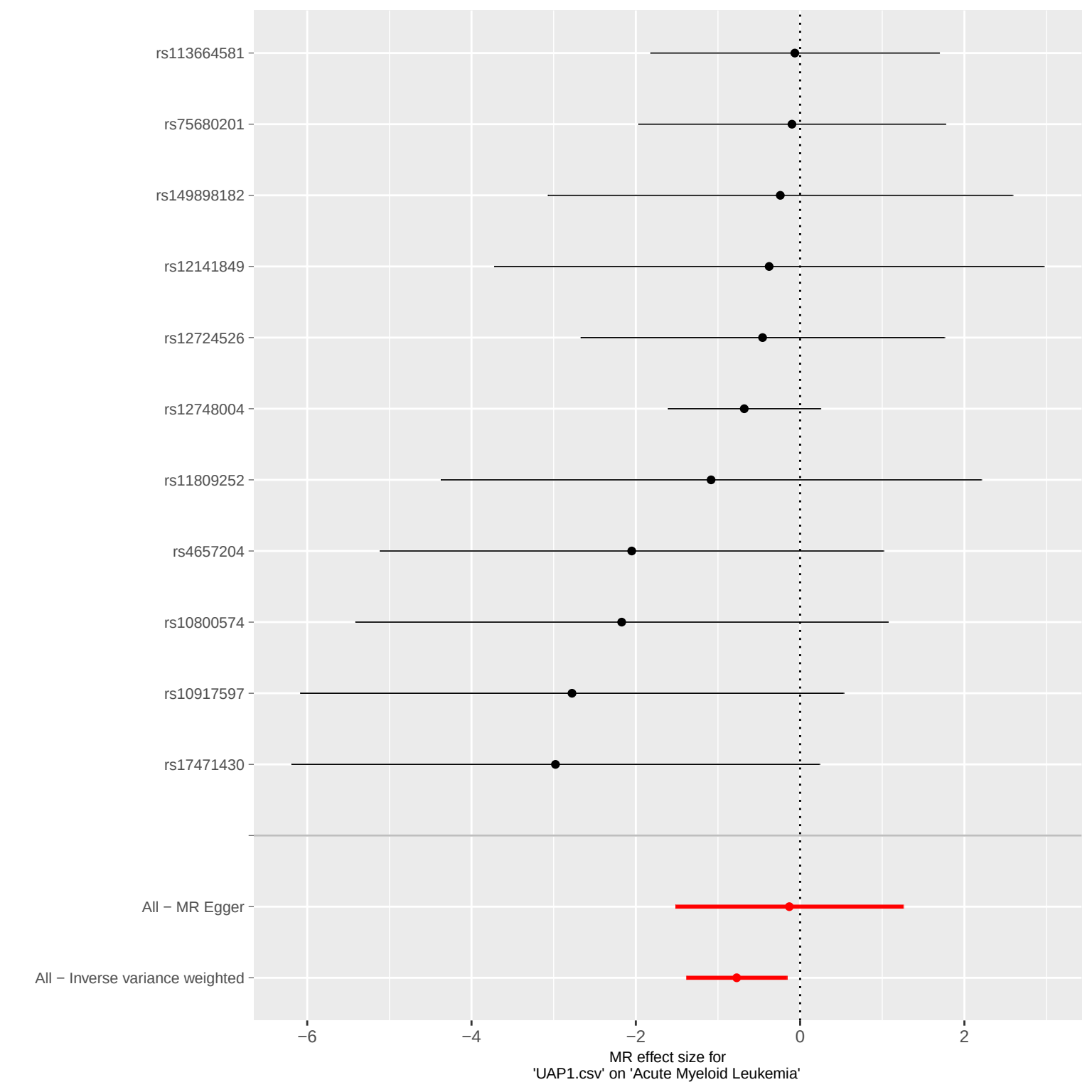
rs147778456
rs62466871
rs11769620
rs4717763
rs7798868
rs66731238
rs2138760
rs1001220
rs77510796
rs62466329
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'TYW1B.csv' on 'Acute Myeloid Leukemia'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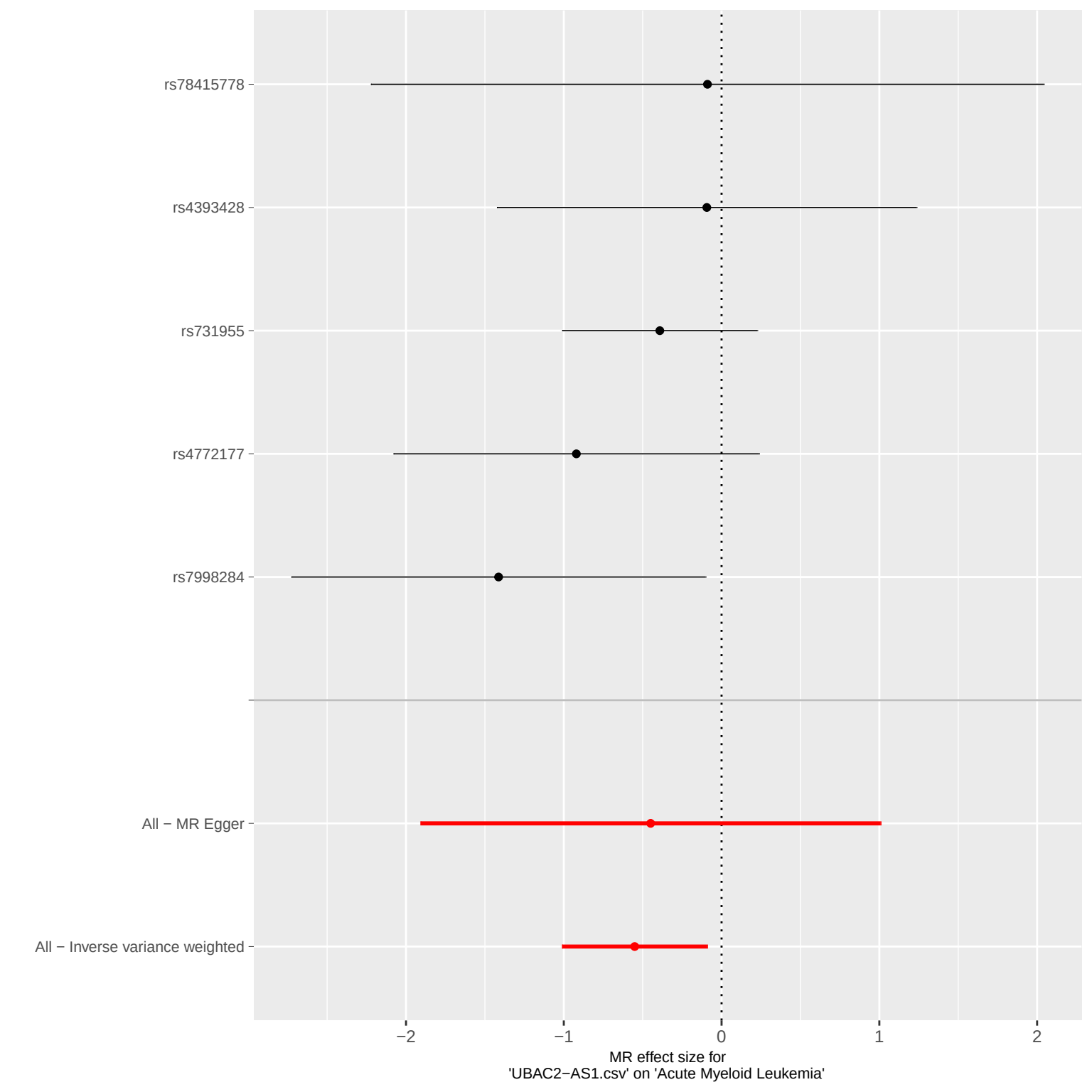
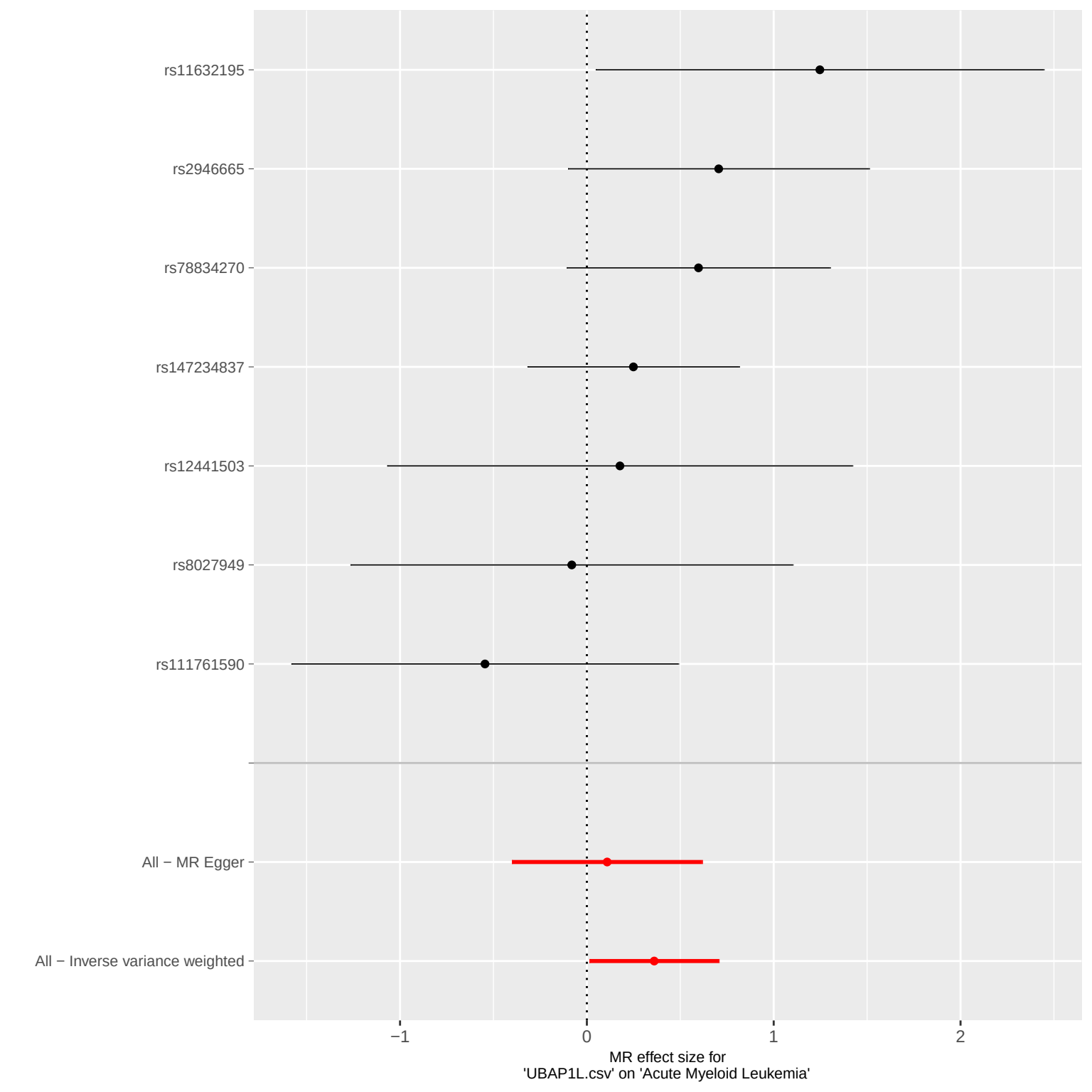
rs75680201
rs149898182
rs12141849
rs12724526
rs12748004
rs11809252
rs4657204
rs10800574
rs10917597
rs17471430
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'UAP1.csv' on 'Acute Myeloid Leukemia'


rs78415778
rs4393428
rs731955
rs4772177
rs7998284
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'UBAC2−AS1.csv' on 'Acute Myeloid Leukemia'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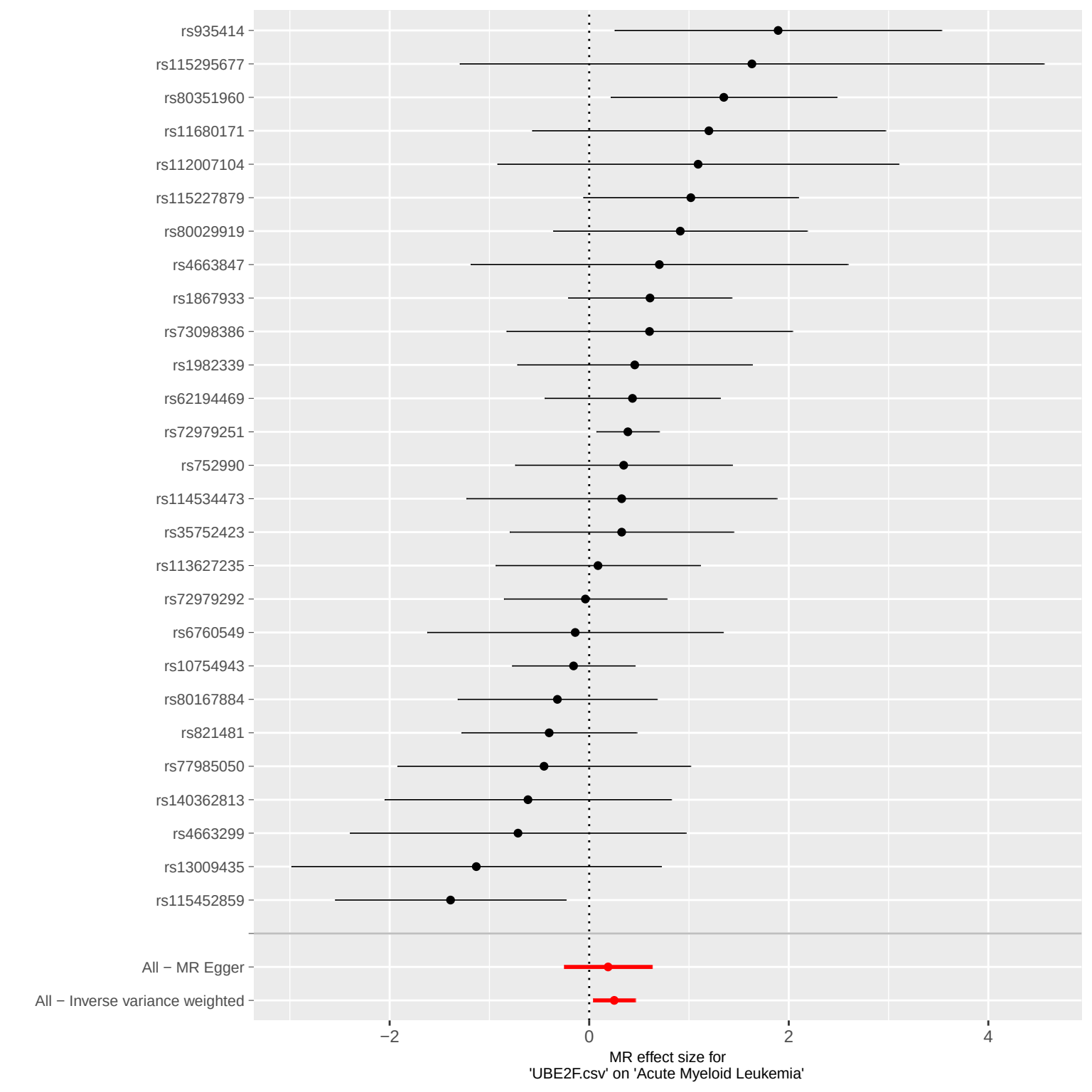
rs2946665
rs78834270
rs147234837
rs12441503
rs8027949
rs111761590
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'UBAP1L.csv' on 'Acute Myeloid Leukemia'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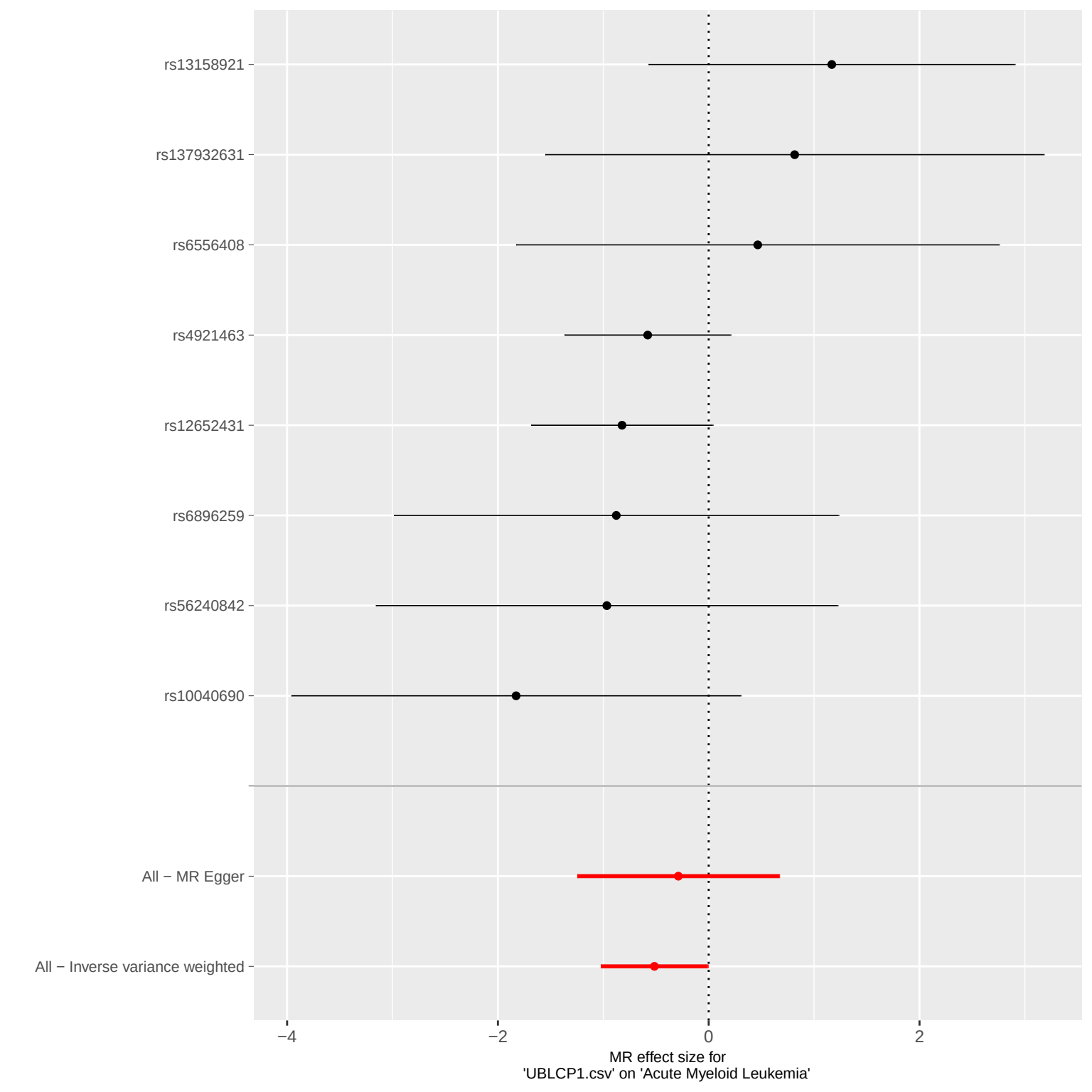
rs62194469
rs72979251
rs752990
rs114534473
rs35752423
rs113627235
rs72979292
rs6760549
rs10754943
rs80167884
rs821481
rs77985050
rs140362813
rs4663299
rs13009435
rs115452859
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'UBE2F.csv' on 'Acute Myeloid Leukemia'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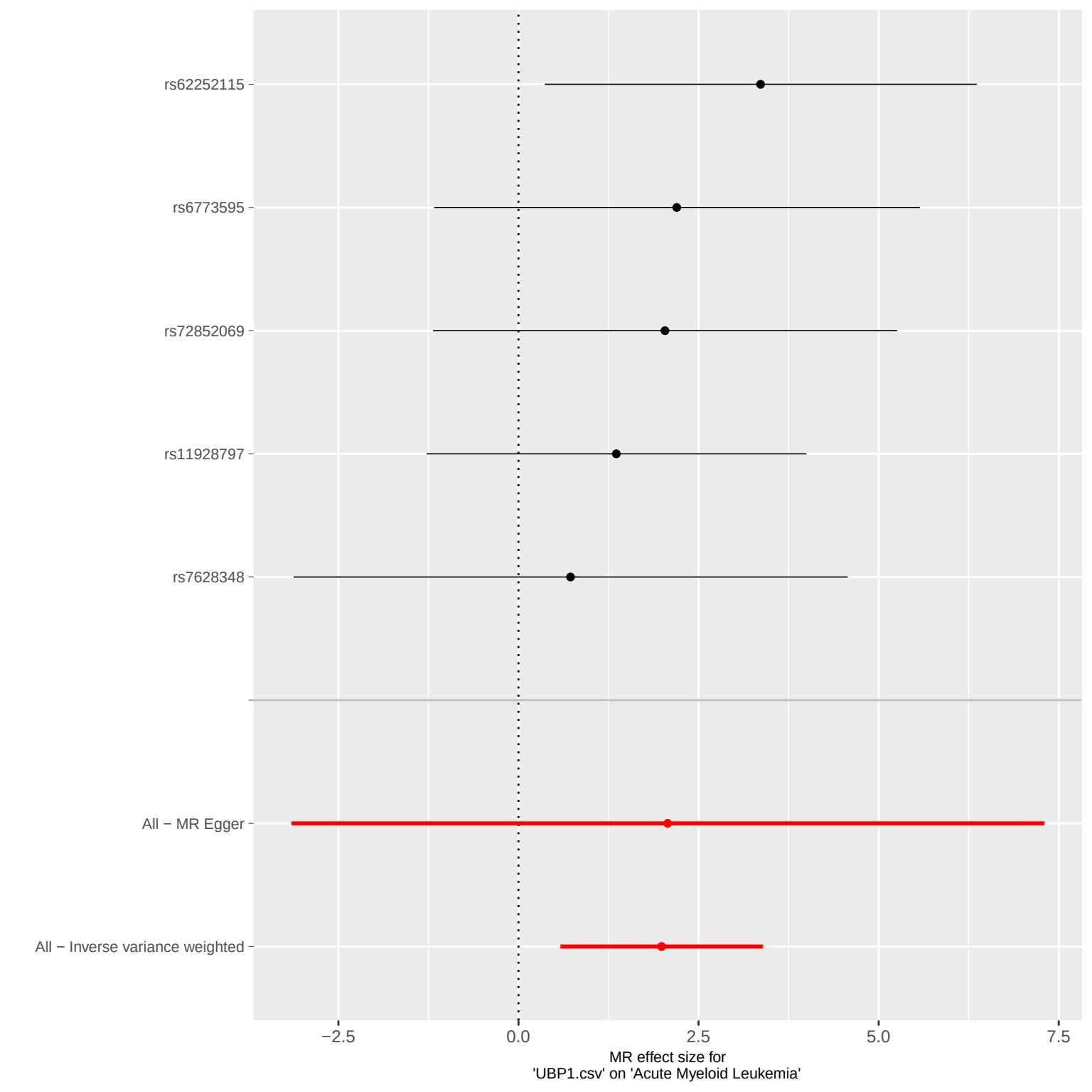
rs4921463
rs12652431
rs6896259
rs56240842
rs10040690
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'UBLCP1.csv' on 'Acute Myeloid Leukemia'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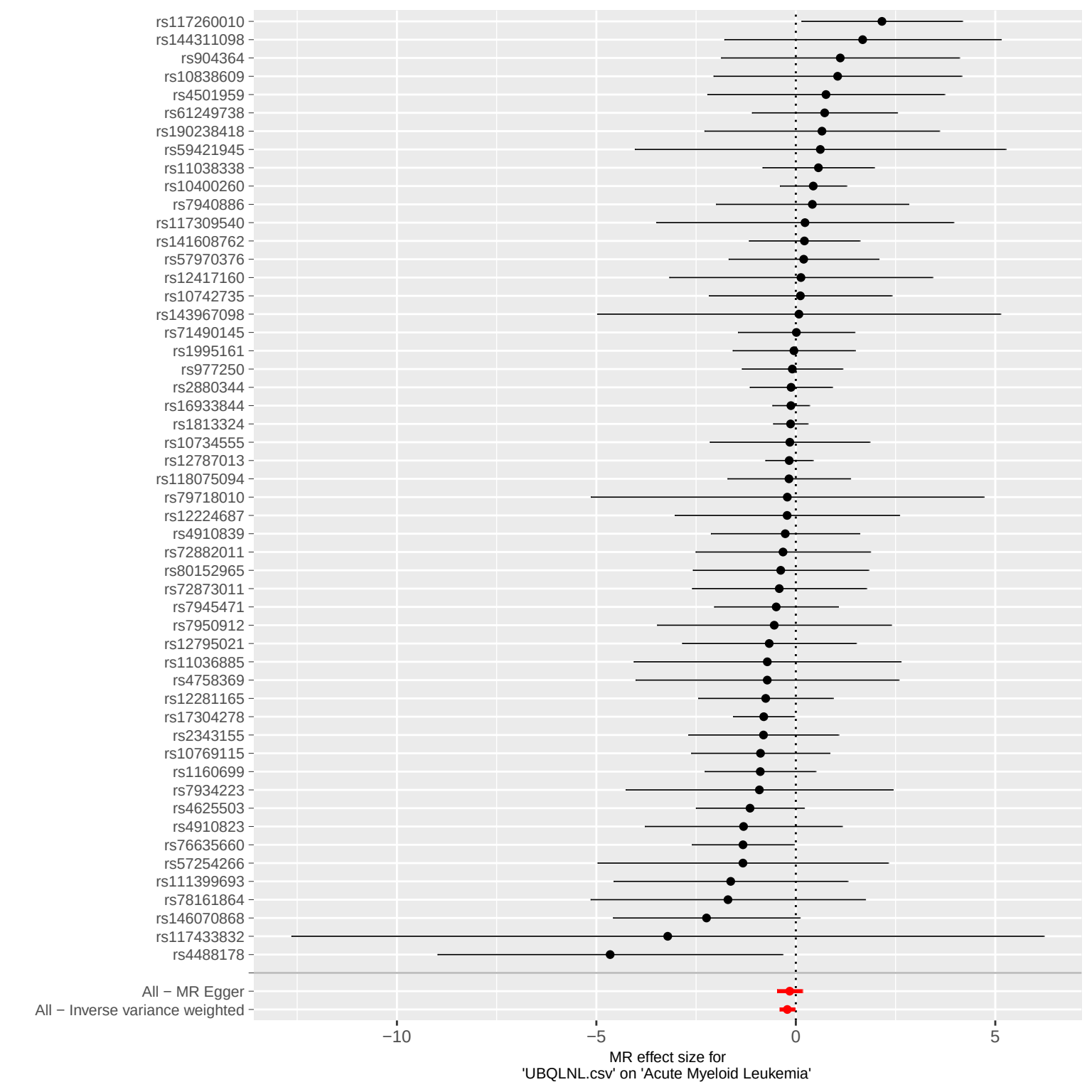
rs6773595
rs72852069
rs11928797
rs7628348
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'UBP1.csv' on 'Acute Myeloid Leukemia'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rs141608762
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rs12417160
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rs143967098
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rs1813324
rs10734555
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rs4910823
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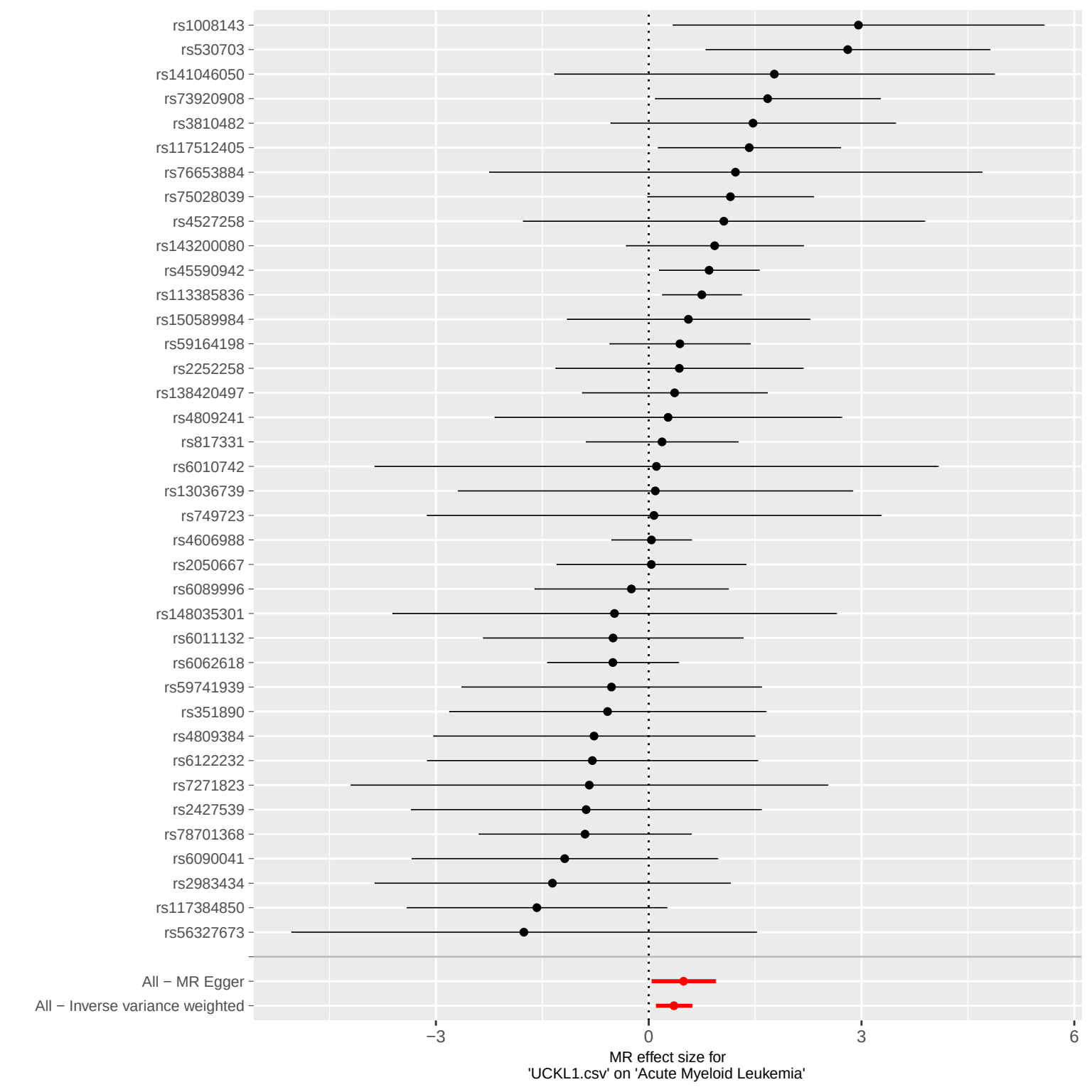
rs111399693
rs78161864
rs146070868
rs117433832
rs4488178
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'UBQLNL.csv' on 'Acute Myeloid Leukemia'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rs4809241
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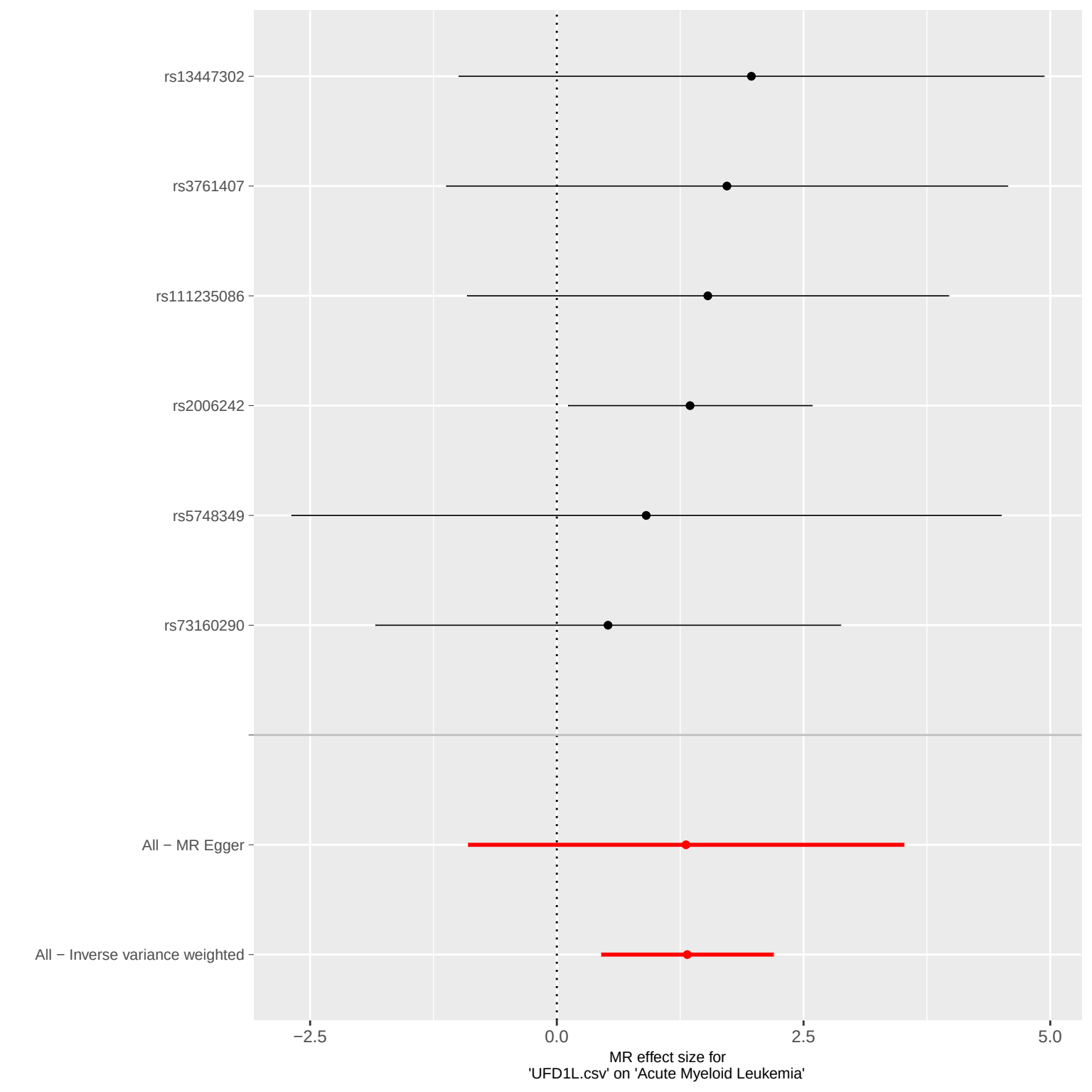
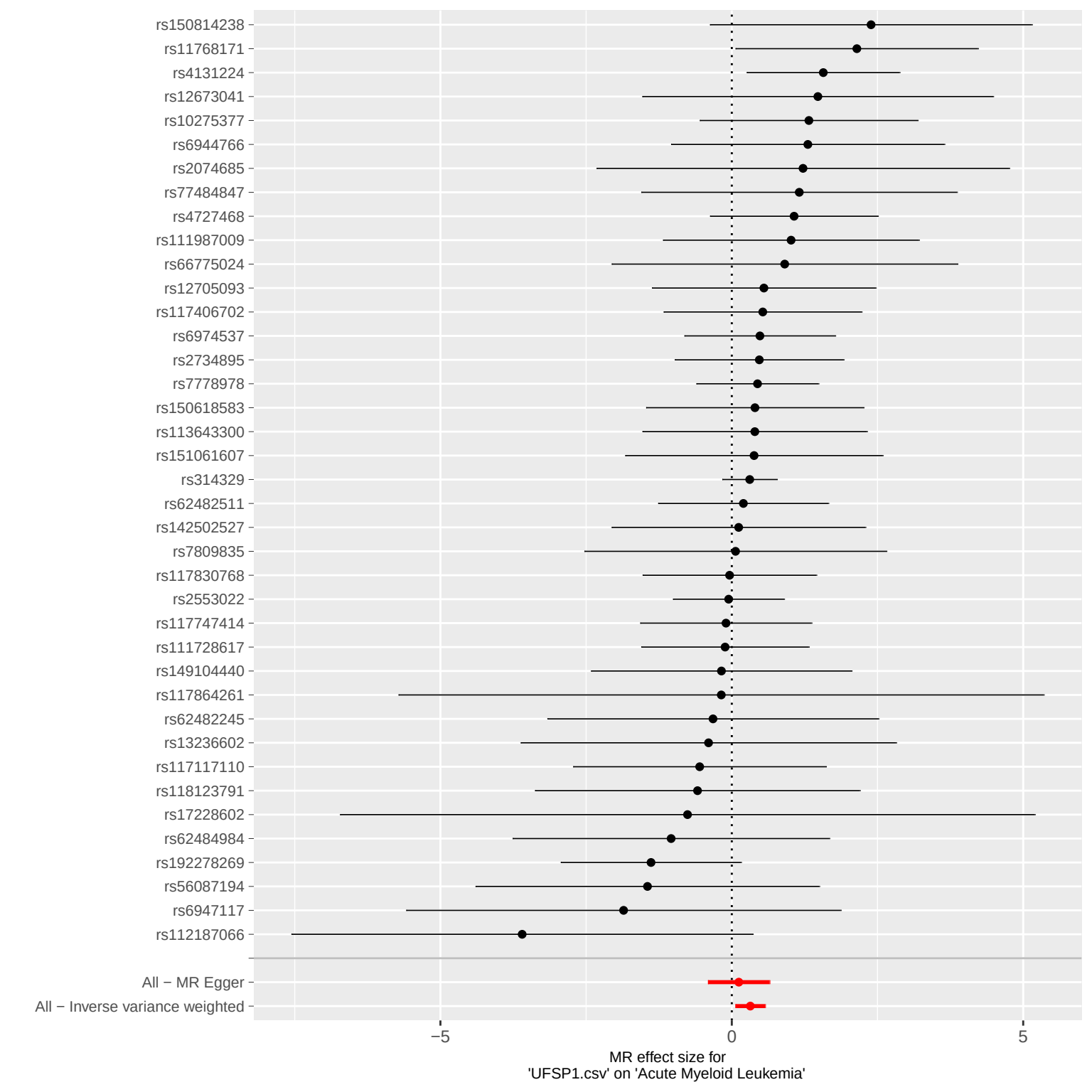
rs13036739
rs749723
rs4606988
rs2050667
rs6089996
rs148035301
rs6011132
rs6062618
rs59741939
rs351890
rs4809384
rs6122232
rs7271823
rs2427539
rs78701368
rs6090041
rs2983434
rs117384850
rs56327673
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'UCKL1.csv' on 'Acute Myeloid Leukemia'


rs13447302
rs3761407
rs111235086
rs2006242
rs5748349
rs73160290
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'UFD1L.csv' on 'Acute Myeloid Leukemia'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rs314329
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rs2553022
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rs149104440
rs117864261
rs62482245
rs13236602
rs117117110
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rs62484984
rs192278269
rs56087194
rs6947117
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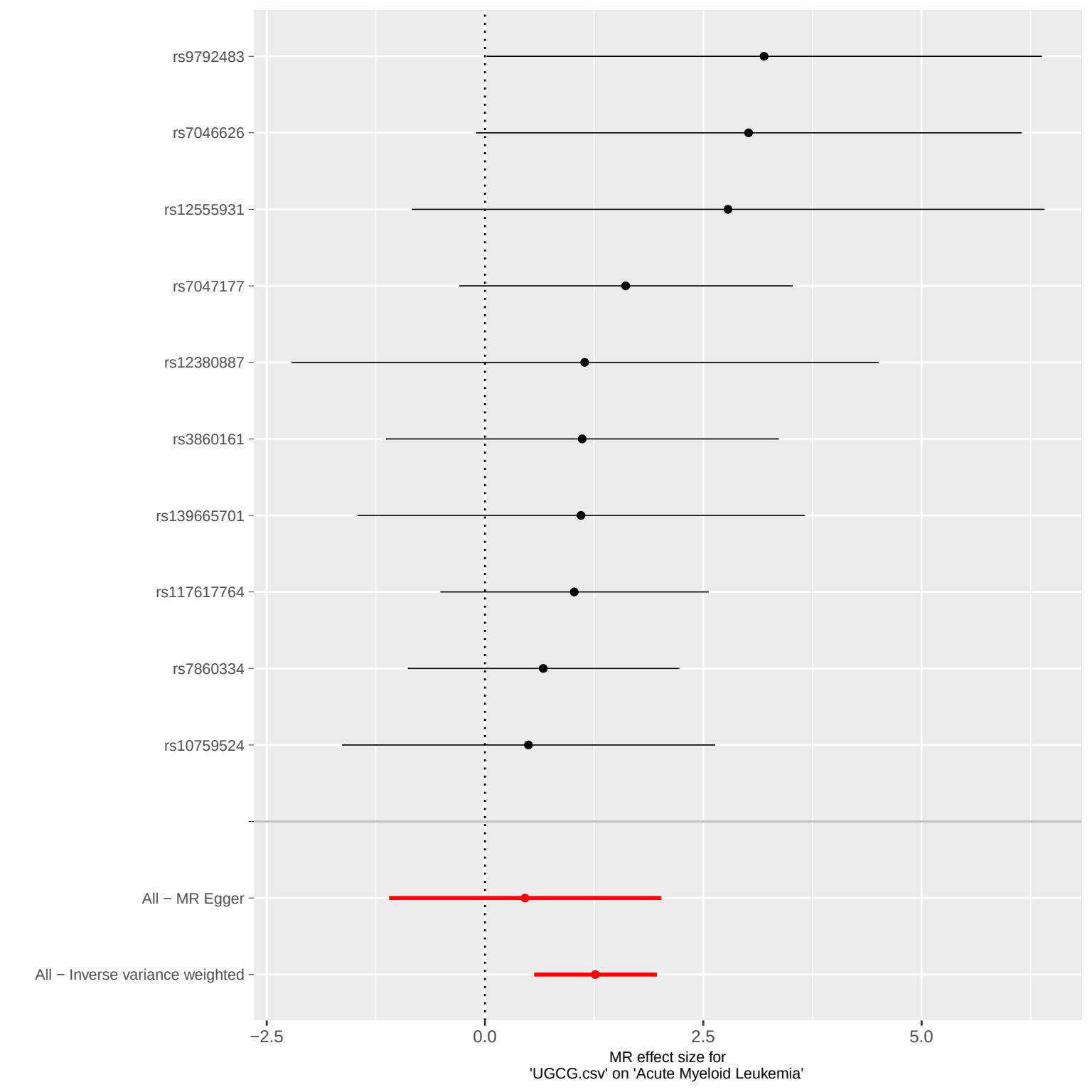
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'UFSP1.csv' on 'Acute Myeloid Leukemia'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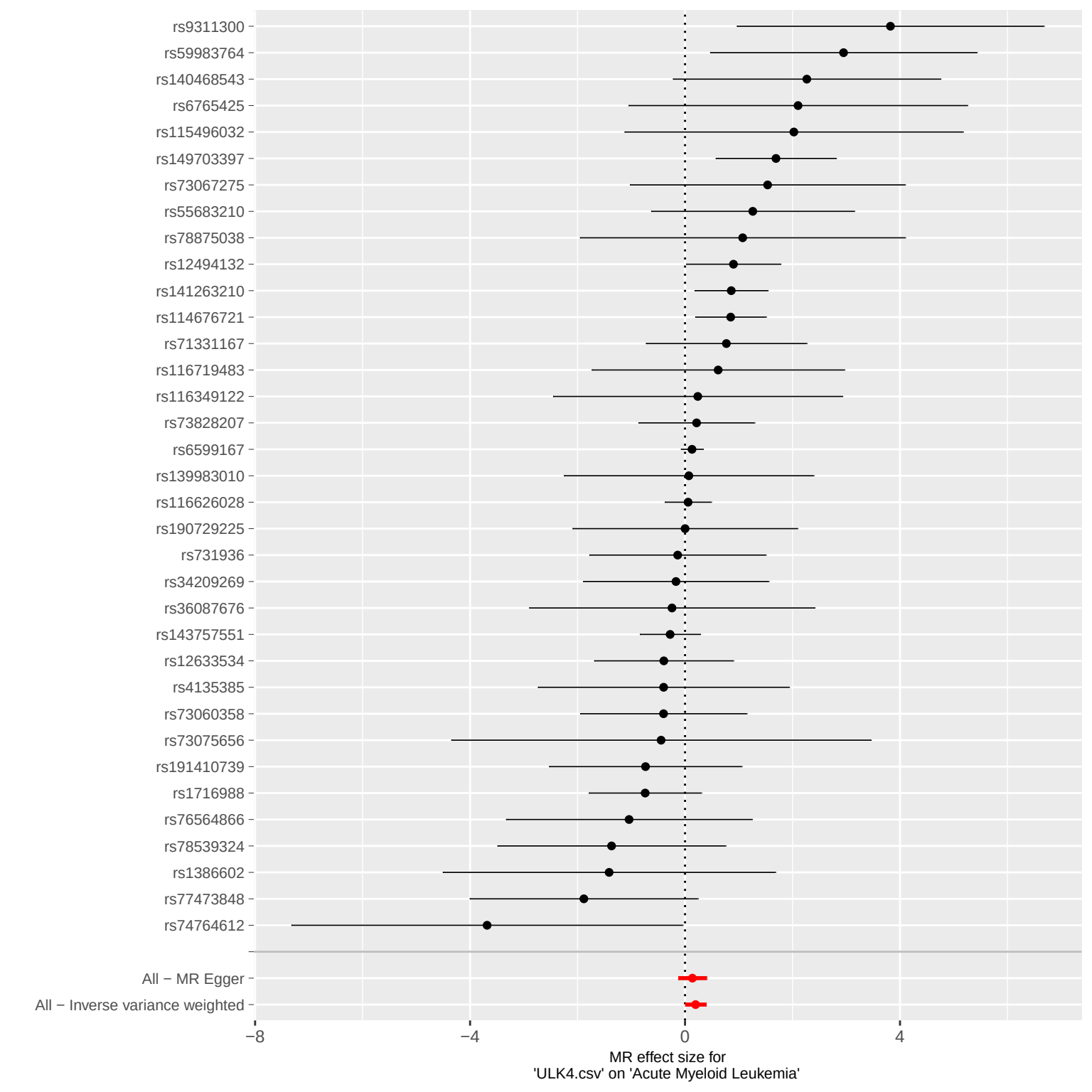
rs10759524
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'UGCG.csv' on 'Acute Myeloid Leukemia'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rs73075656
rs191410739
rs1716988
rs76564866
rs78539324
rs1386602
rs77473848
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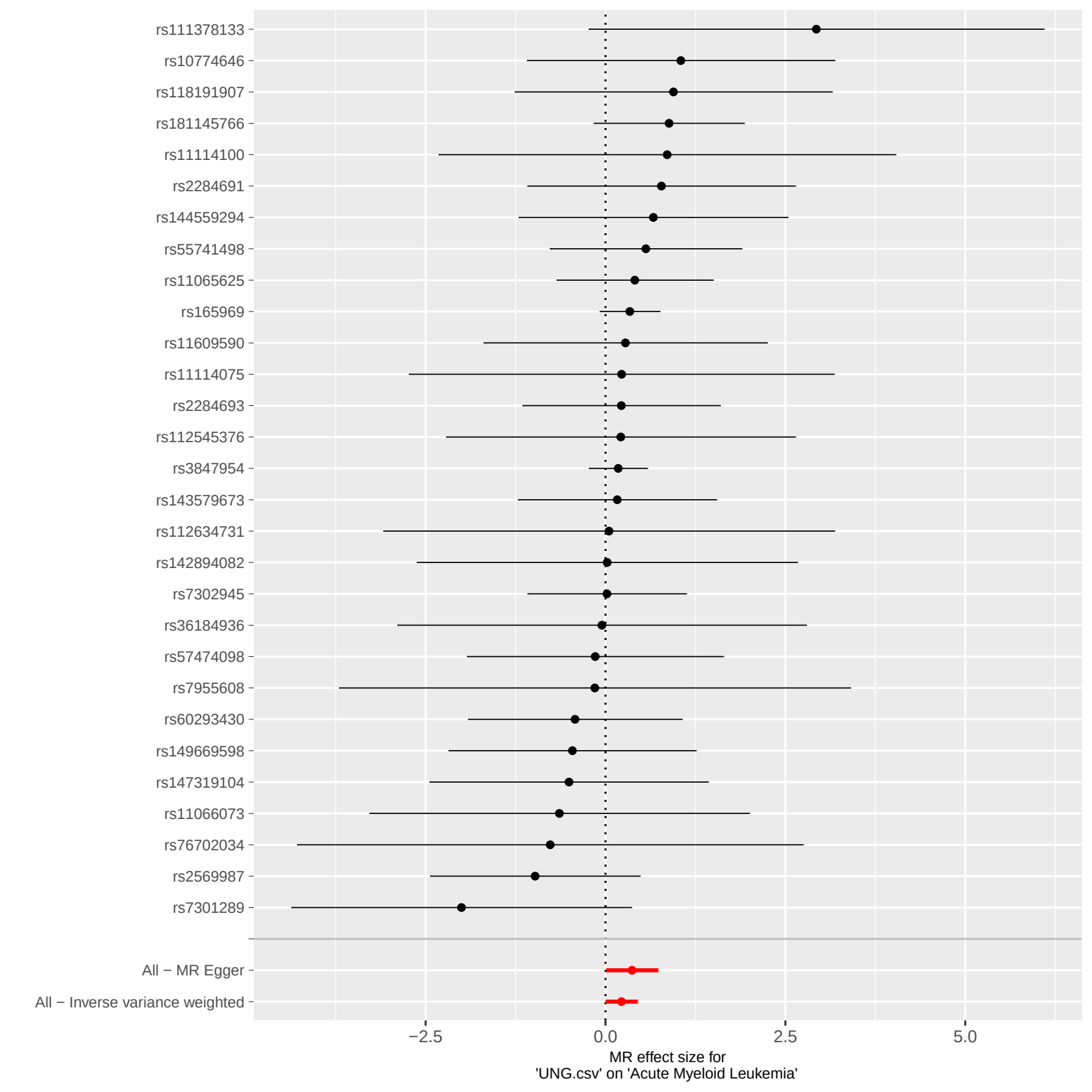
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ULK4.csv' on 'Acute Myeloid Leukemia'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rs181145766
rs11114100
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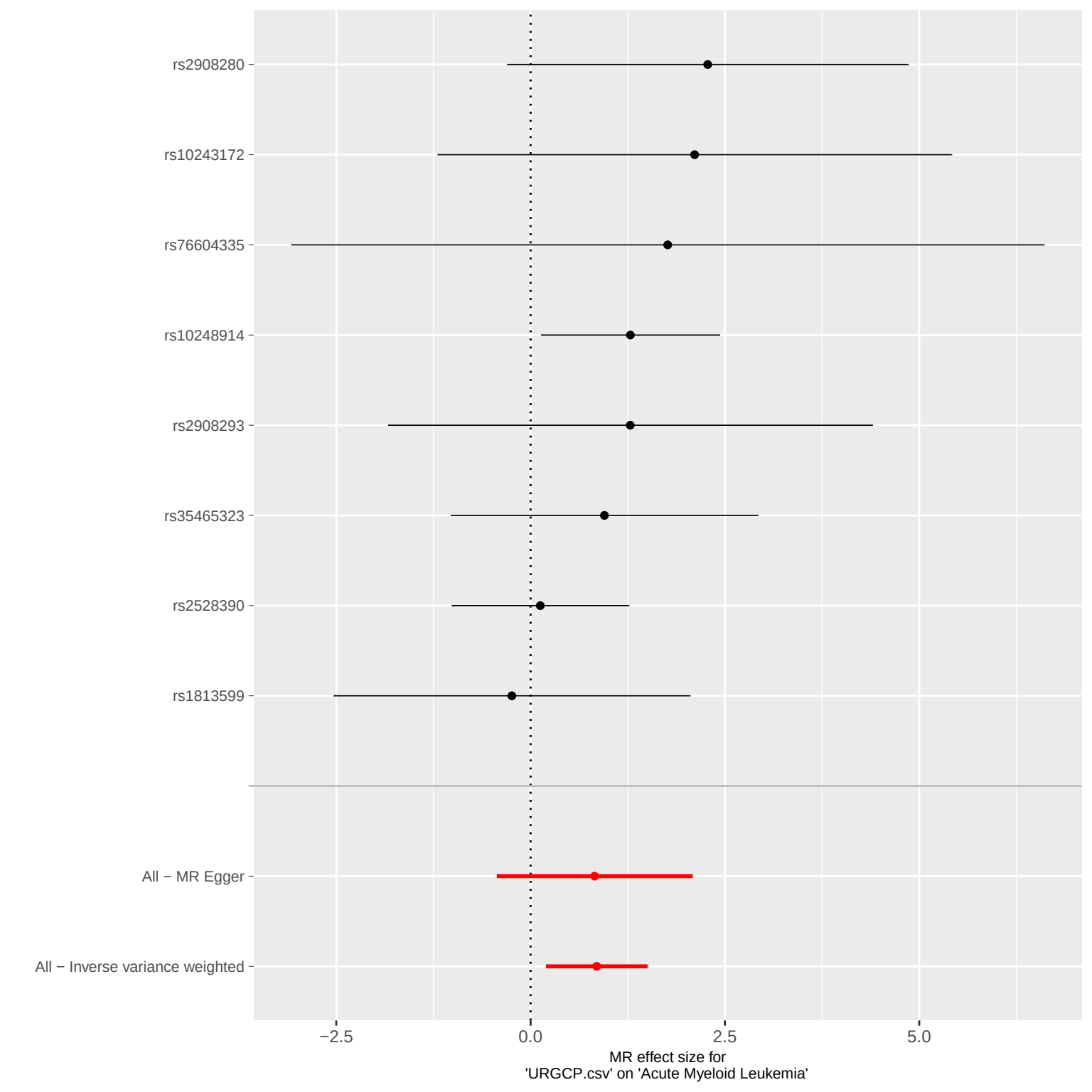
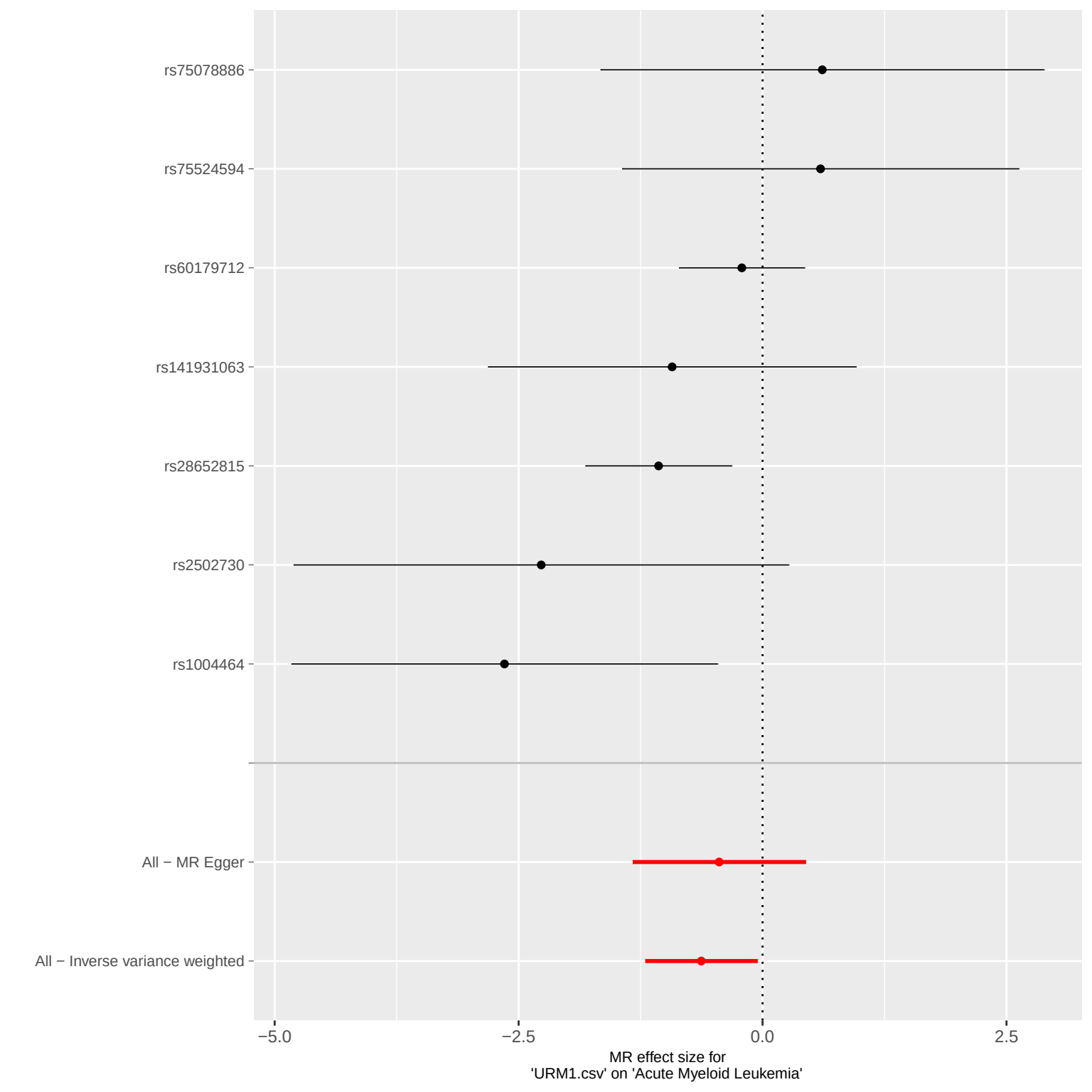
rs149669598
rs147319104
rs11066073
rs76702034
rs2569987
rs7301289
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'UNG.csv' on 'Acute Myeloid Leukemia'


rs2908280
rs10243172
rs76604335
rs10248914
rs2908293
rs35465323
rs2528390
rs1813599
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'URGCP.csv' on 'Acute Myeloid Leukemia'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rs75524594
rs60179712
rs141931063
rs28652815
rs2502730
rs1004464
All − MR Egger
All − Inverse variance weighted
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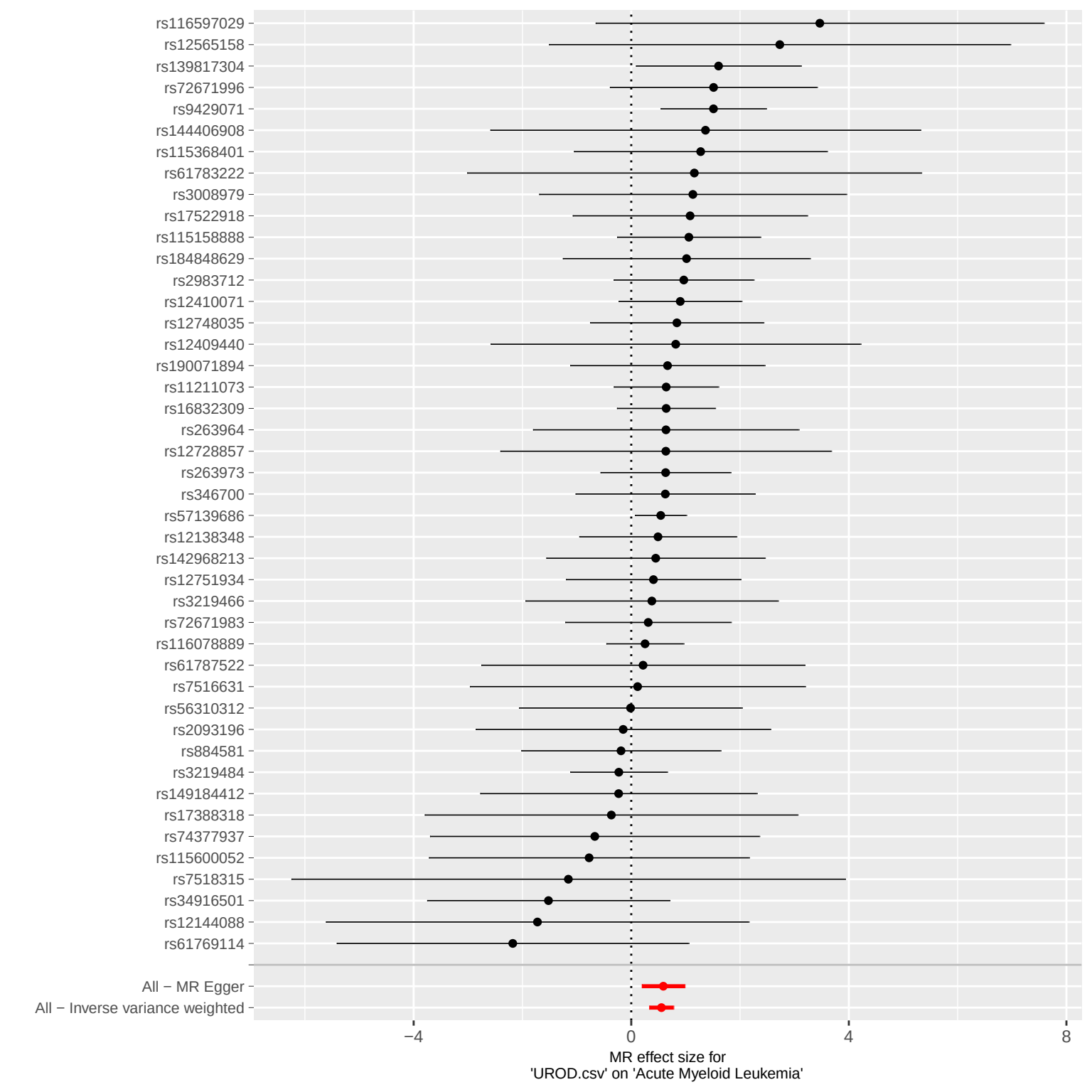
−2.5
0.0
2.5
MR effect size for
'URM1.csv' on 'Acute Myeloid Leukemia'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rs2983712
rs12410071
rs12748035
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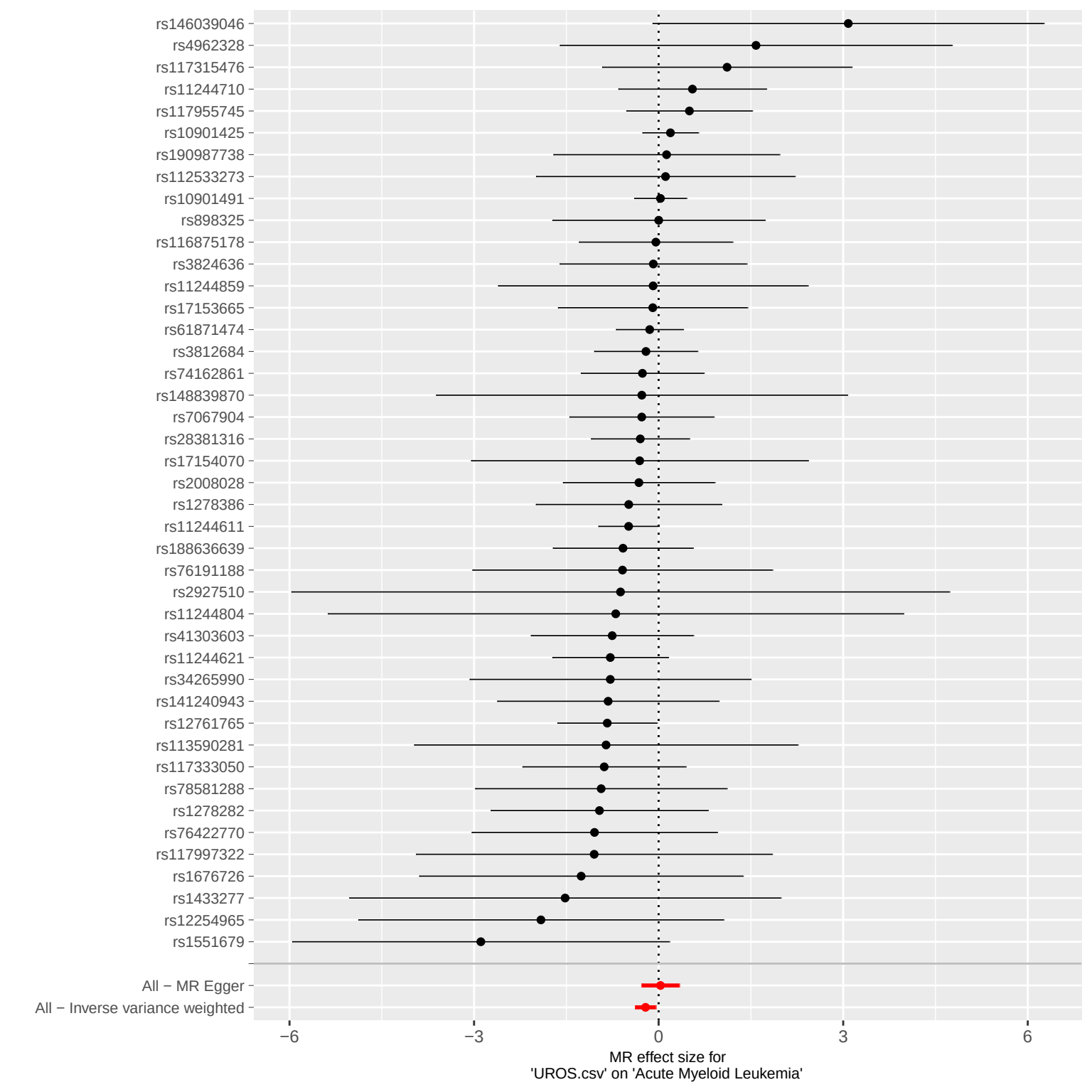
rs190071894
rs11211073
rs16832309
rs263964
rs12728857
rs263973
rs346700
rs57139686
rs12138348
rs142968213
rs12751934
rs3219466
rs72671983
rs116078889
rs61787522
rs7516631
rs56310312
rs2093196
rs884581
rs3219484
rs149184412
rs17388318
rs74377937
rs115600052
rs7518315
rs34916501
rs12144088
rs61769114
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'UROD.csv' on 'Acute Myeloid Leukemia'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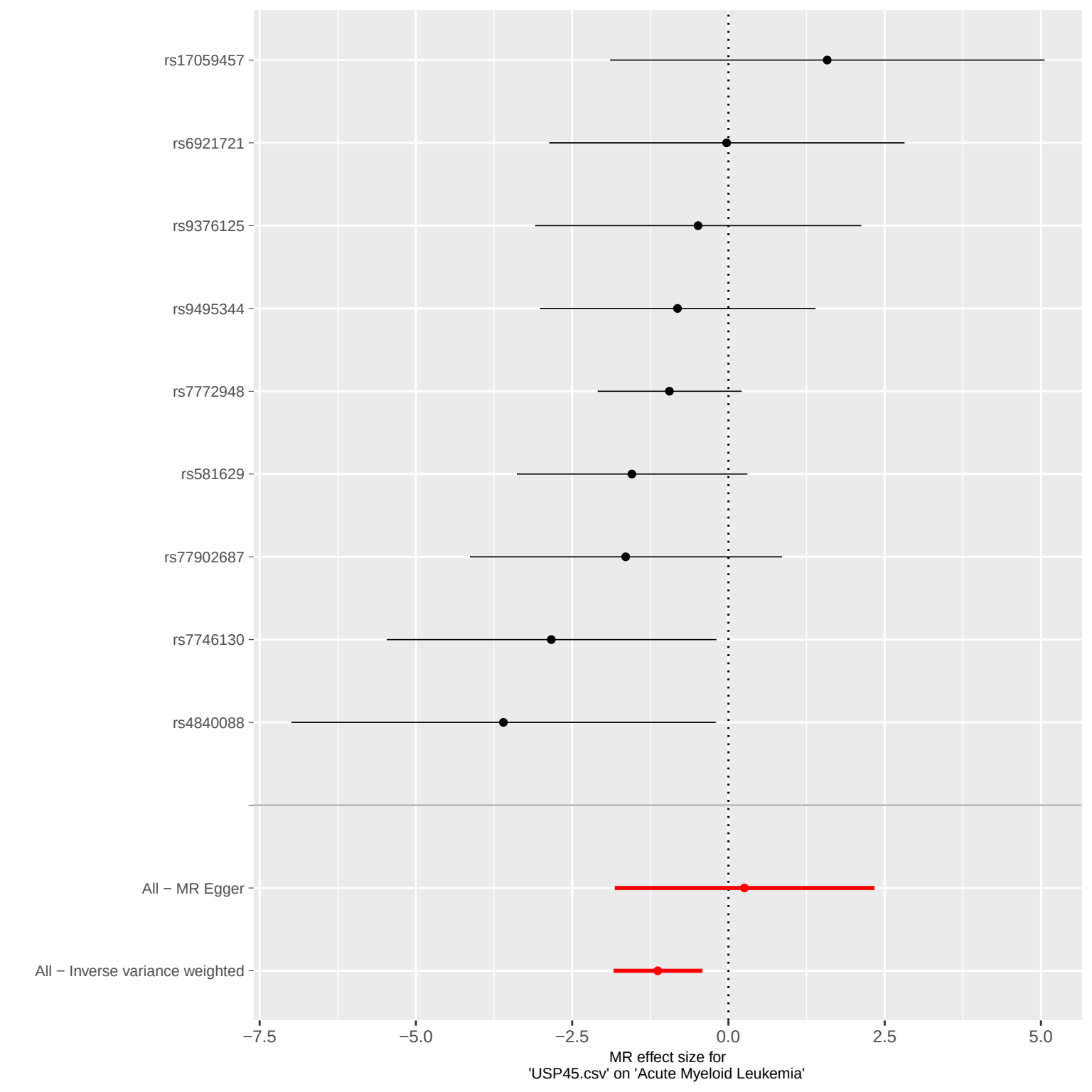
rs116875178
rs3824636
rs11244859
rs17153665
rs61871474
rs3812684
rs74162861
rs148839870
rs7067904
rs28381316
rs17154070
rs2008028
rs1278386
rs11244611
rs188636639
rs76191188
rs2927510
rs11244804
rs41303603
rs11244621
rs34265990
rs141240943
rs12761765
rs113590281
rs117333050
rs78581288
rs1278282
rs76422770
rs117997322
rs1676726
rs1433277
rs12254965
rs1551679
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'UROS.csv' on 'Acute Myeloid Leukemia'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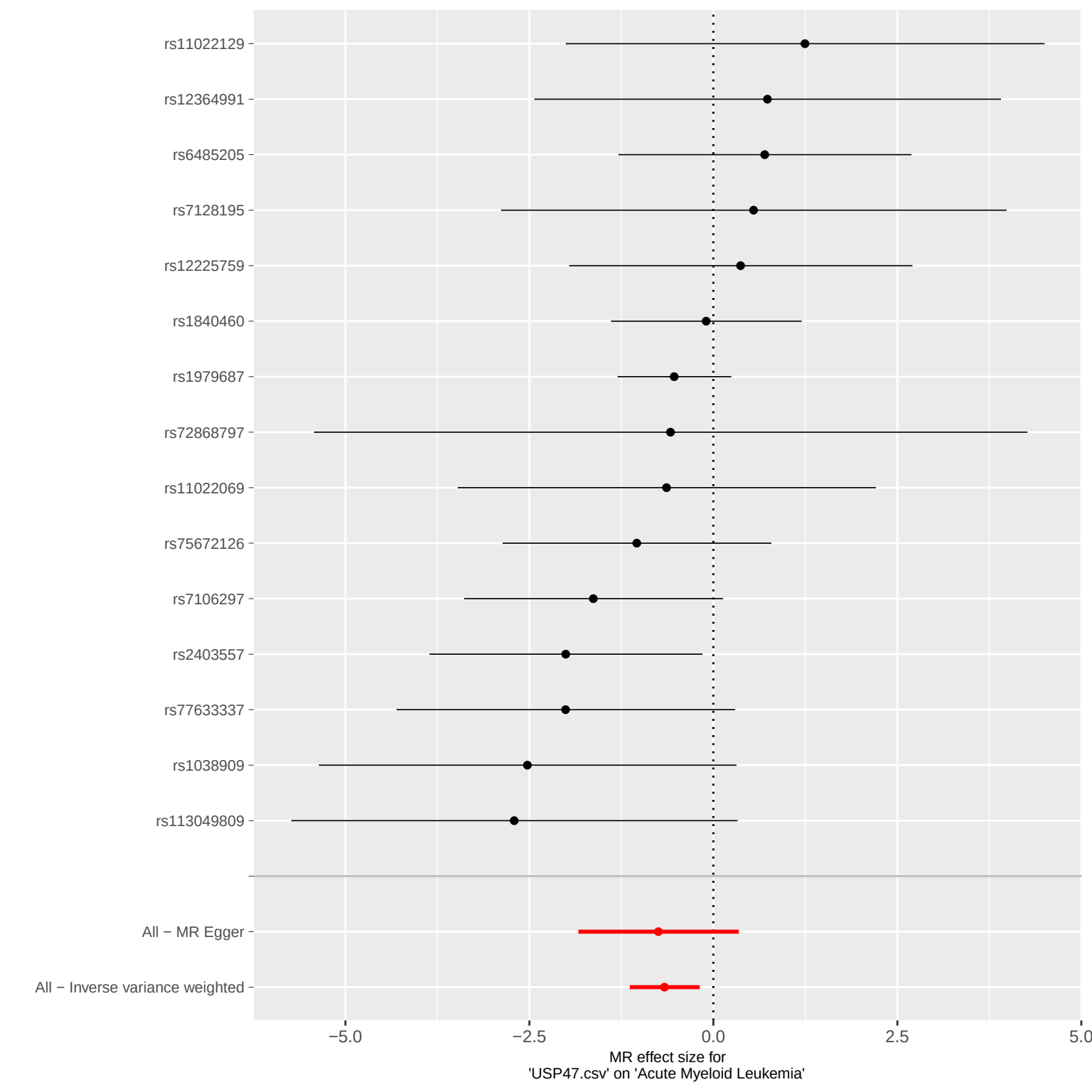
rs6921721
rs9376125
rs9495344
rs7772948
rs581629
rs77902687
rs7746130
rs4840088
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'USP45.csv' on 'Acute Myeloid Leukemia'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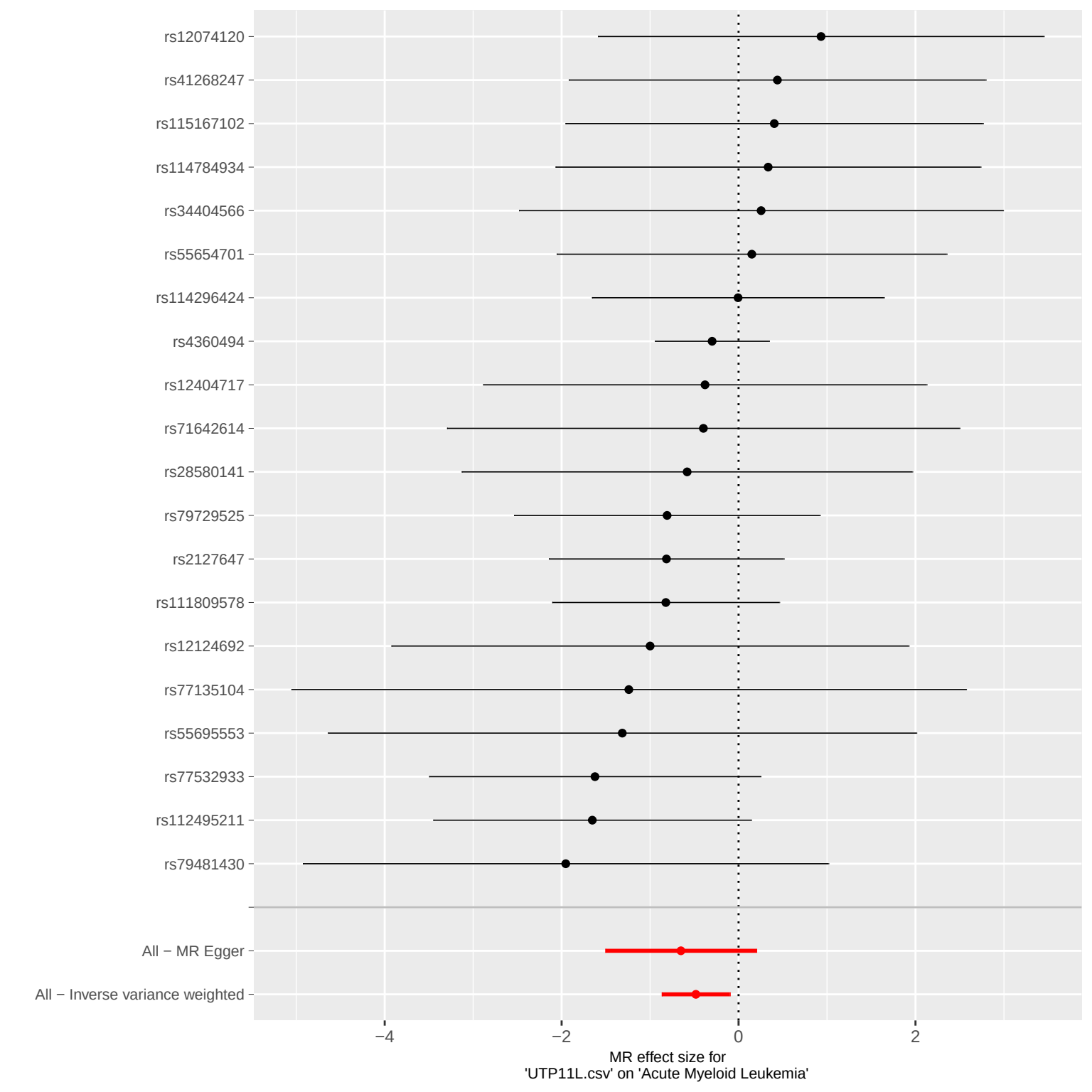
rs7128195
rs12225759
rs1840460
rs1979687
rs72868797
rs11022069
rs75672126
rs7106297
rs2403557
rs77633337
rs1038909
rs113049809
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'USP47.csv' on 'Acute Myeloid Leukemia'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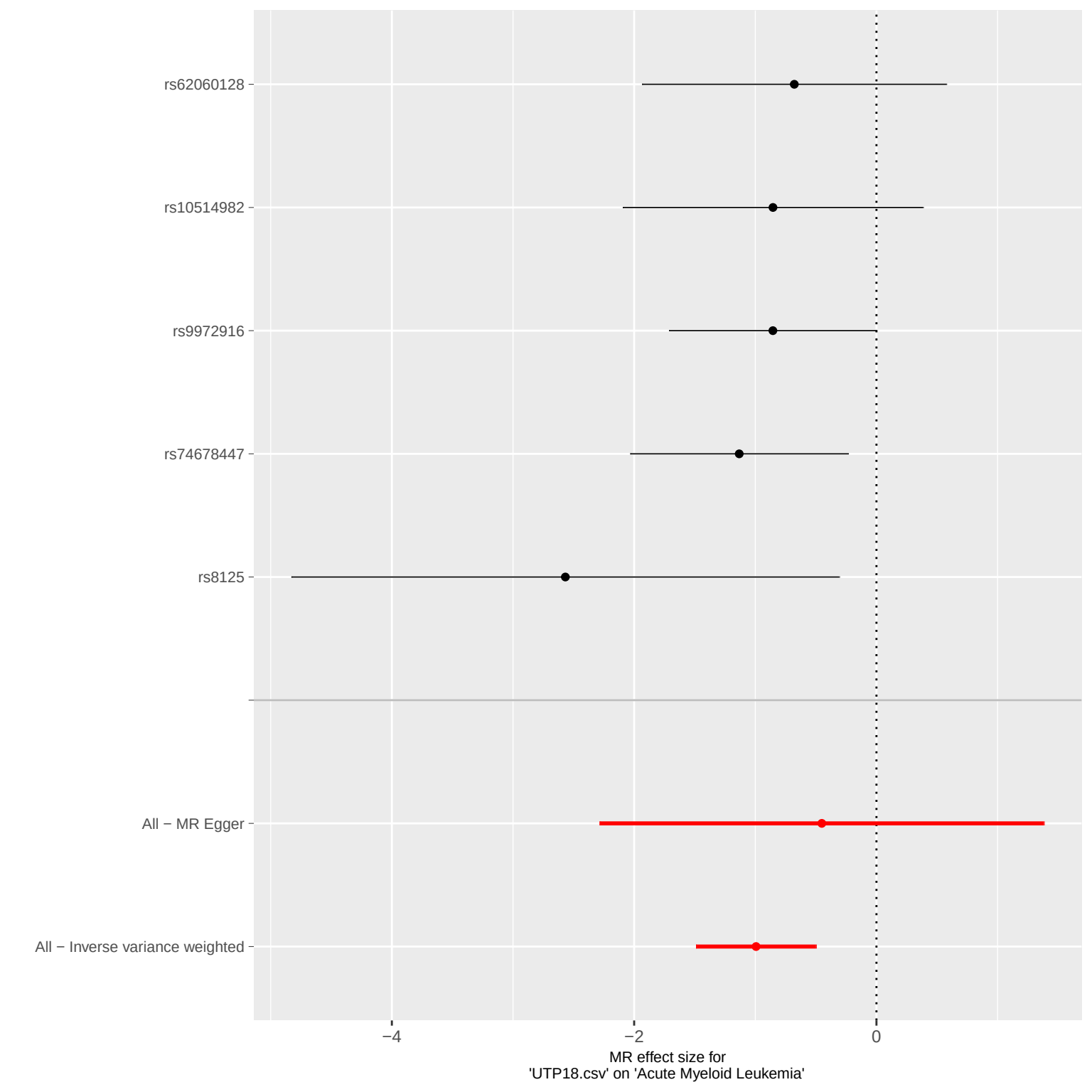
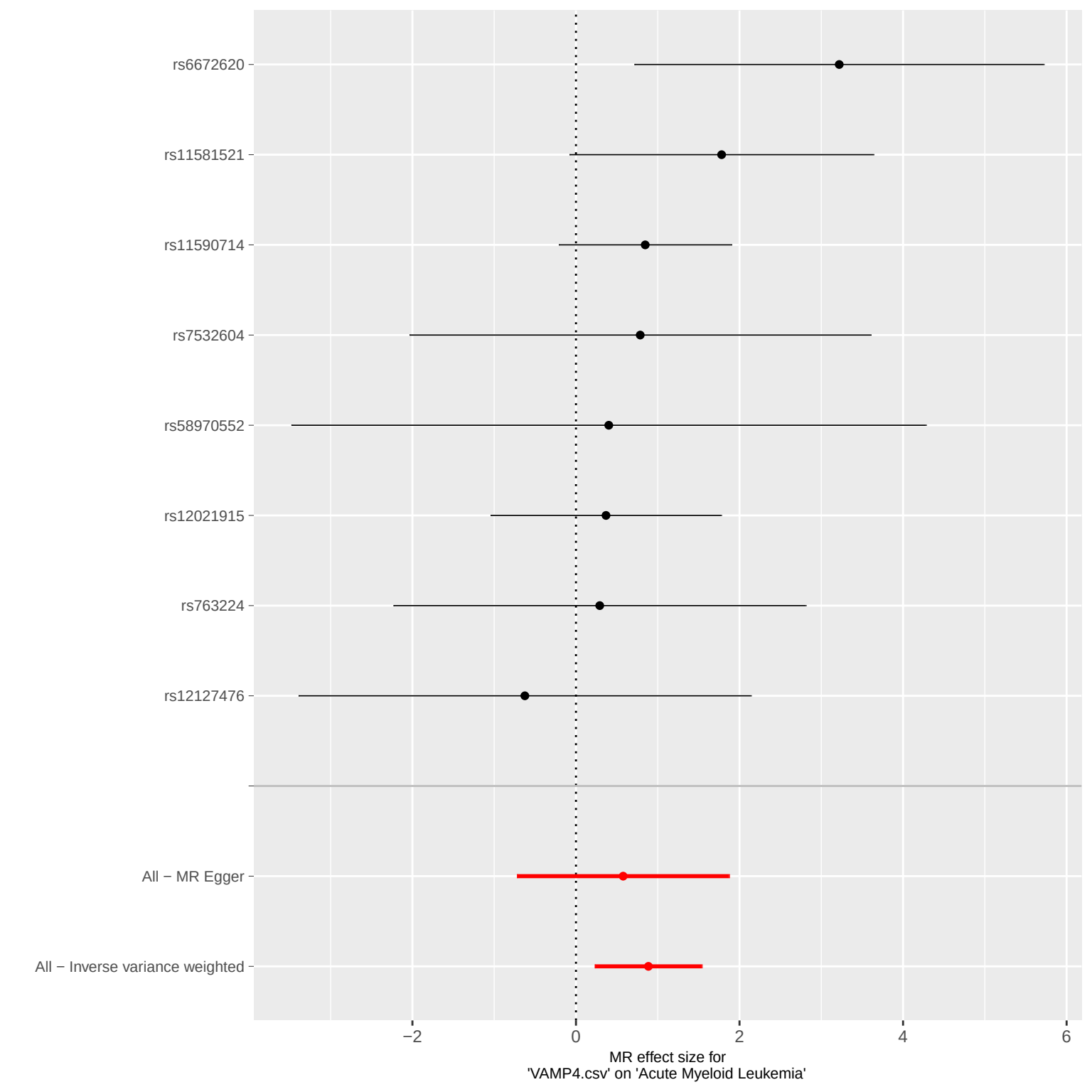
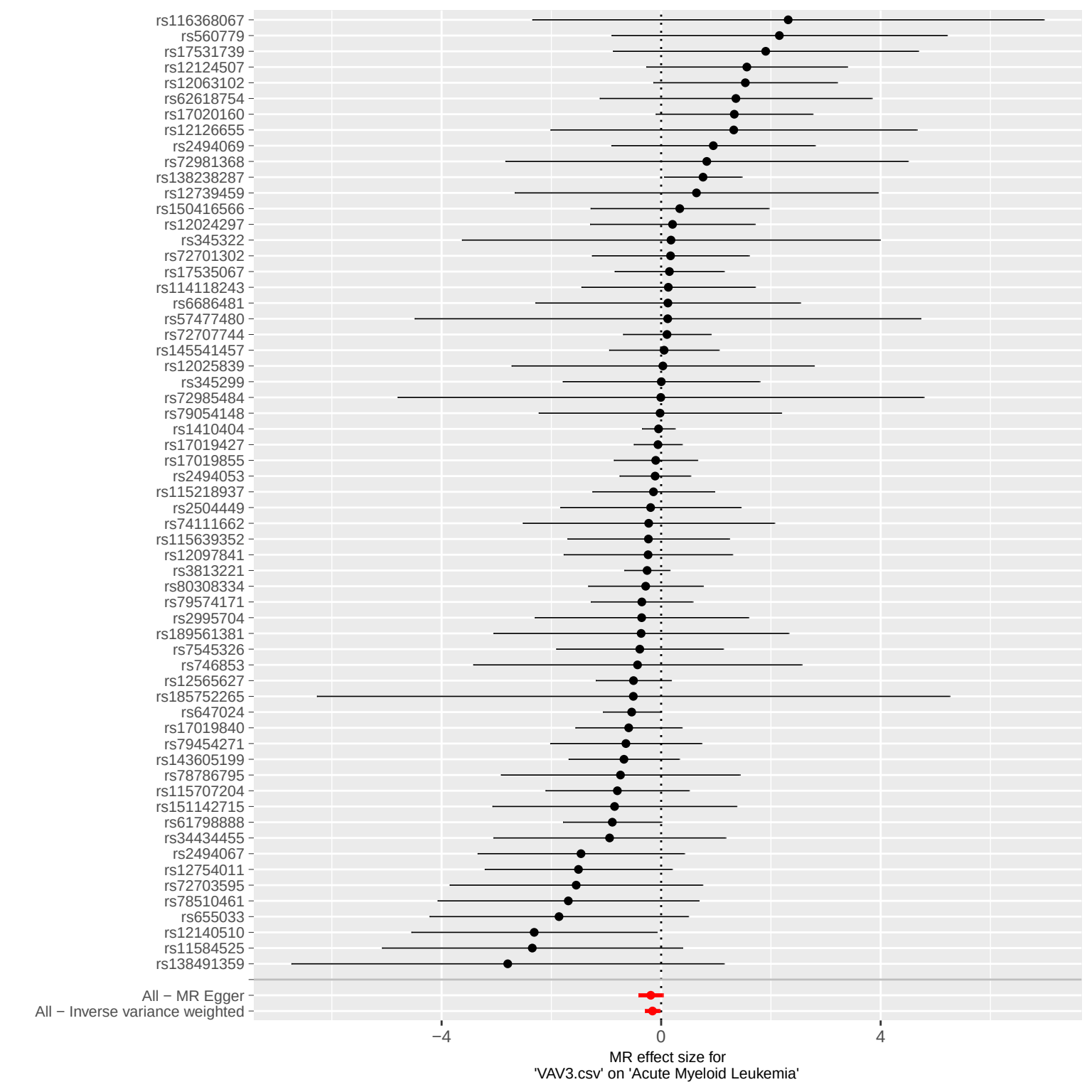
rs28580141
rs79729525
rs2127647
rs111809578
rs12124692
rs77135104
rs55695553
rs77532933
rs112495211
rs79481430
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'UTP11L.csv' on 'Acute Myeloid Leukemia'


rs62060128
rs10514982
rs9972916
rs74678447
rs8125
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'UTP18.csv' on 'Acute Myeloid Leukemia'


rs6672620
rs11581521
rs11590714
rs7532604
rs58970552
rs12021915
rs763224
rs12127476
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'VAMP4.csv' on 'Acute Myeloid Leukemia'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rs12739459
rs150416566
rs12024297
rs345322
rs72701302
rs17535067
rs114118243
rs6686481
rs57477480
rs72707744
rs145541457
rs12025839
rs345299
rs72985484
rs79054148
rs1410404
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rs2995704
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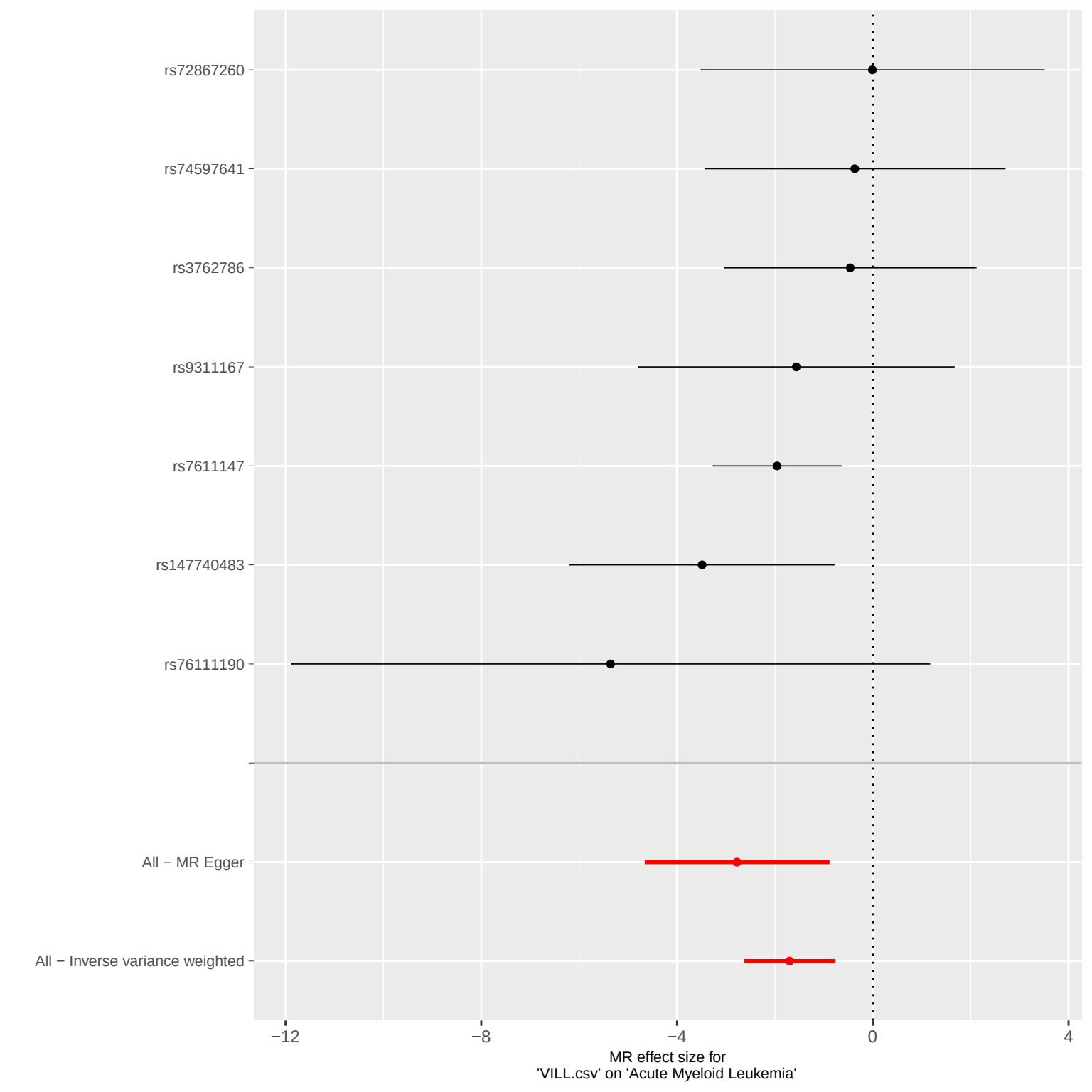
rs746853
rs12565627
rs185752265
rs647024
rs17019840
rs79454271
rs143605199
rs78786795
rs115707204
rs151142715
rs61798888
rs34434455
rs2494067
rs12754011
rs72703595
rs78510461
rs655033
rs12140510
rs11584525
rs138491359
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'VAV3.csv' on 'Acute Myeloid Leukemia'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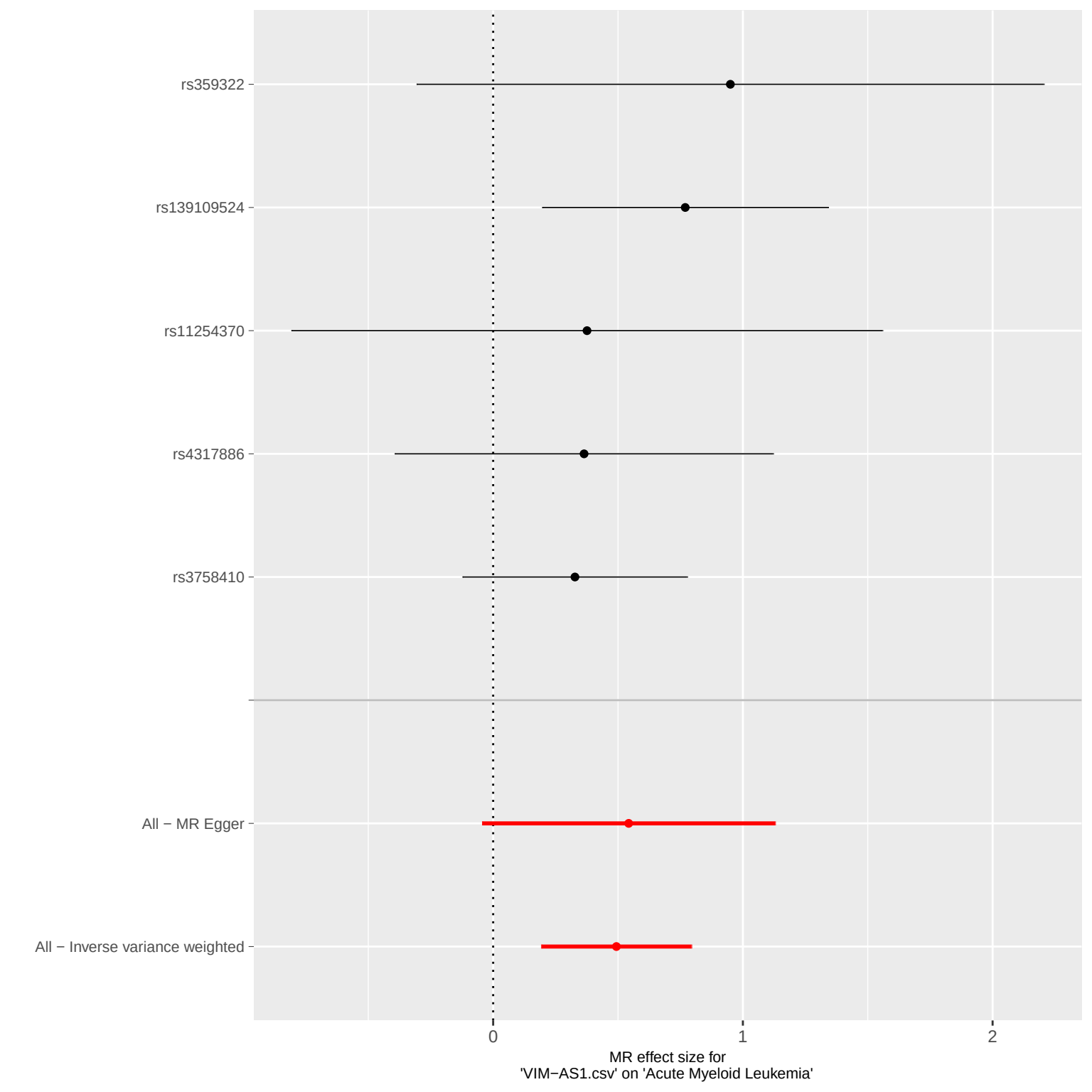
rs74597641
rs3762786
rs9311167
rs7611147
rs147740483
rs76111190
All − MR Egger
All − Inverse variance weighted
−12
−8
−4
0
4
MR effect size for
'VILL.csv' on 'Acute Myeloid Leukemia'


rs359322
rs139109524
rs11254370
rs4317886
rs3758410
All − MR Egger
All − Inverse variance weighted
0
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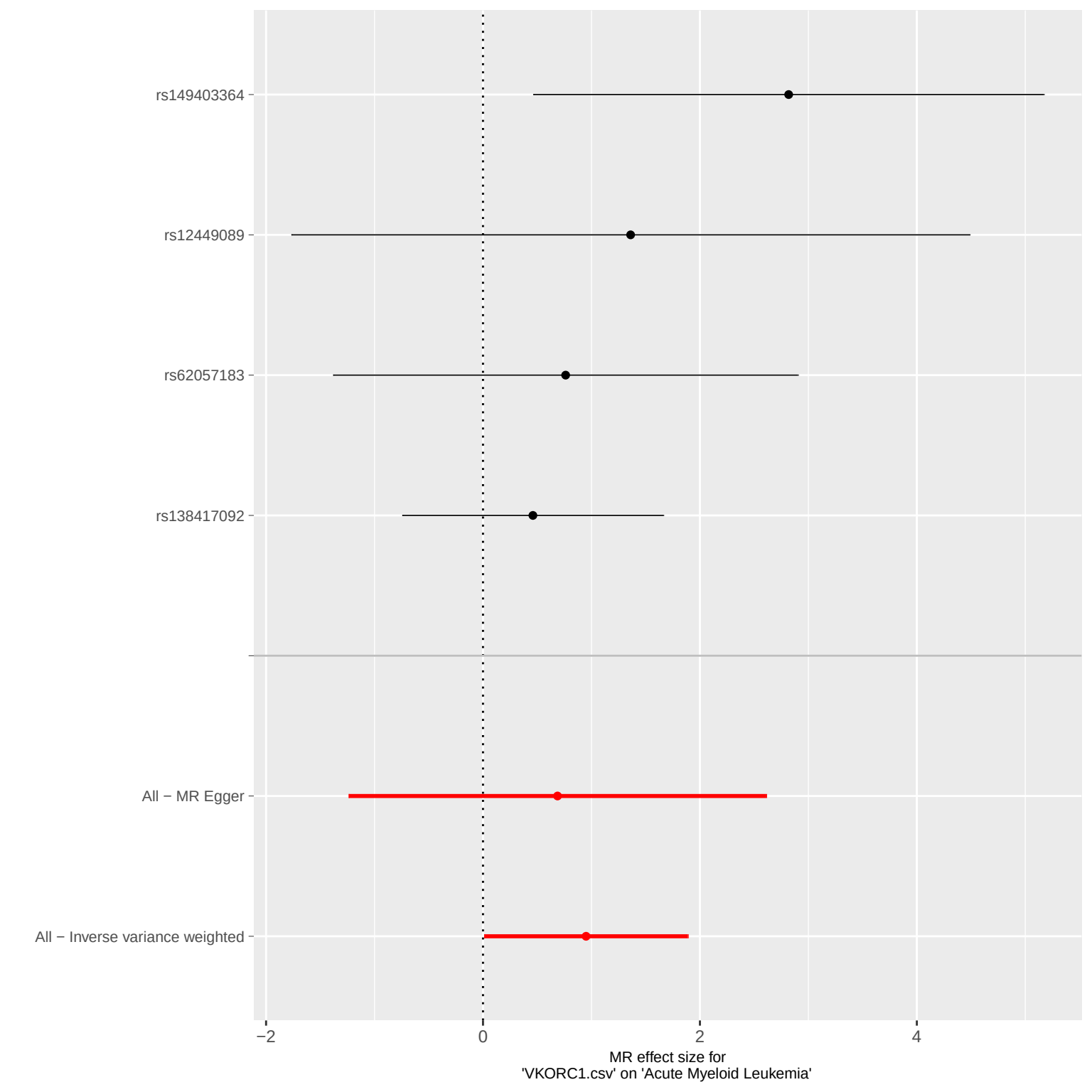
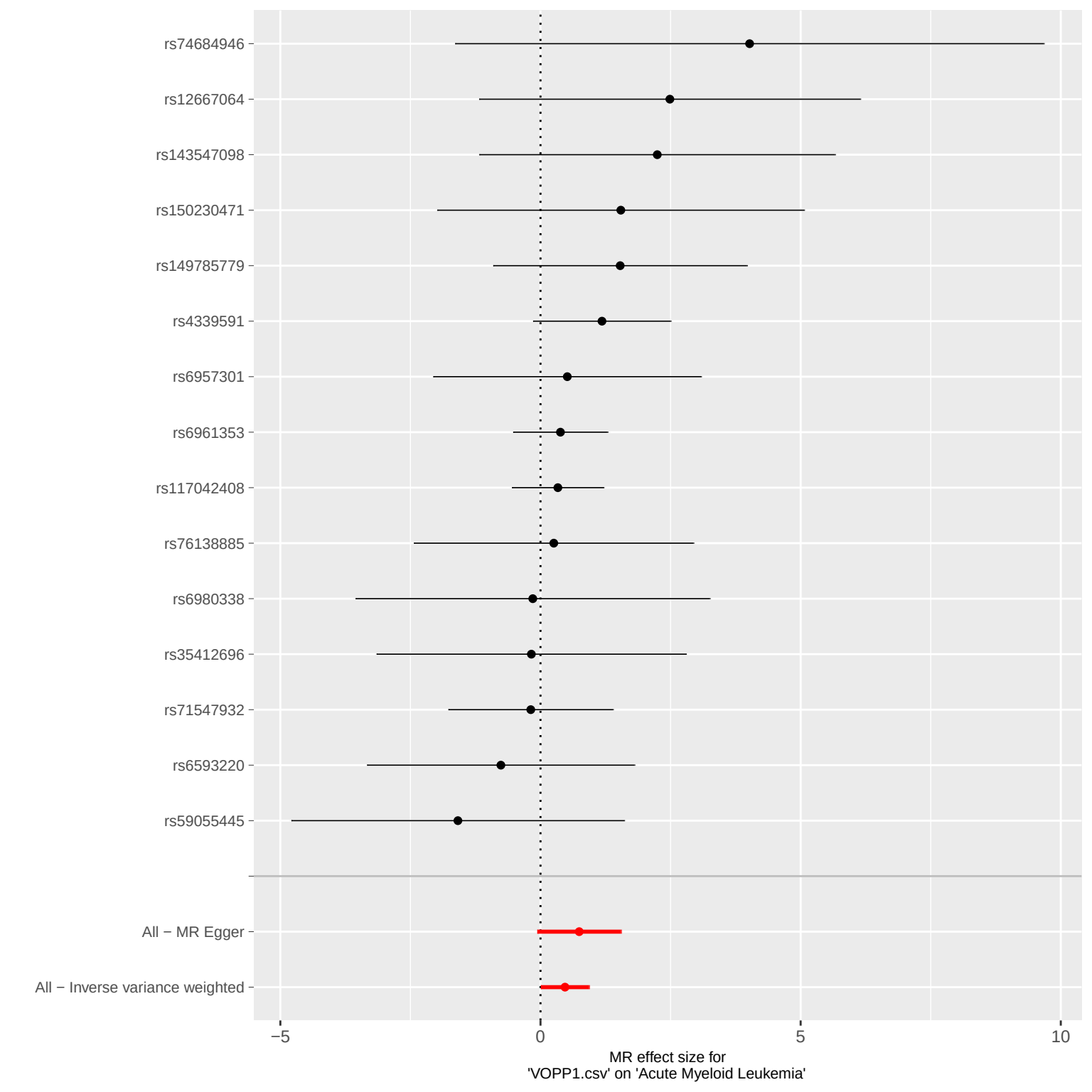
2
MR effect size for
'VIM−AS1.csv' on 'Acute Myeloid Leukemia'


rs149403364
rs12449089
rs62057183
rs138417092
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'VKORC1.csv' on 'Acute Myeloid Leukemia'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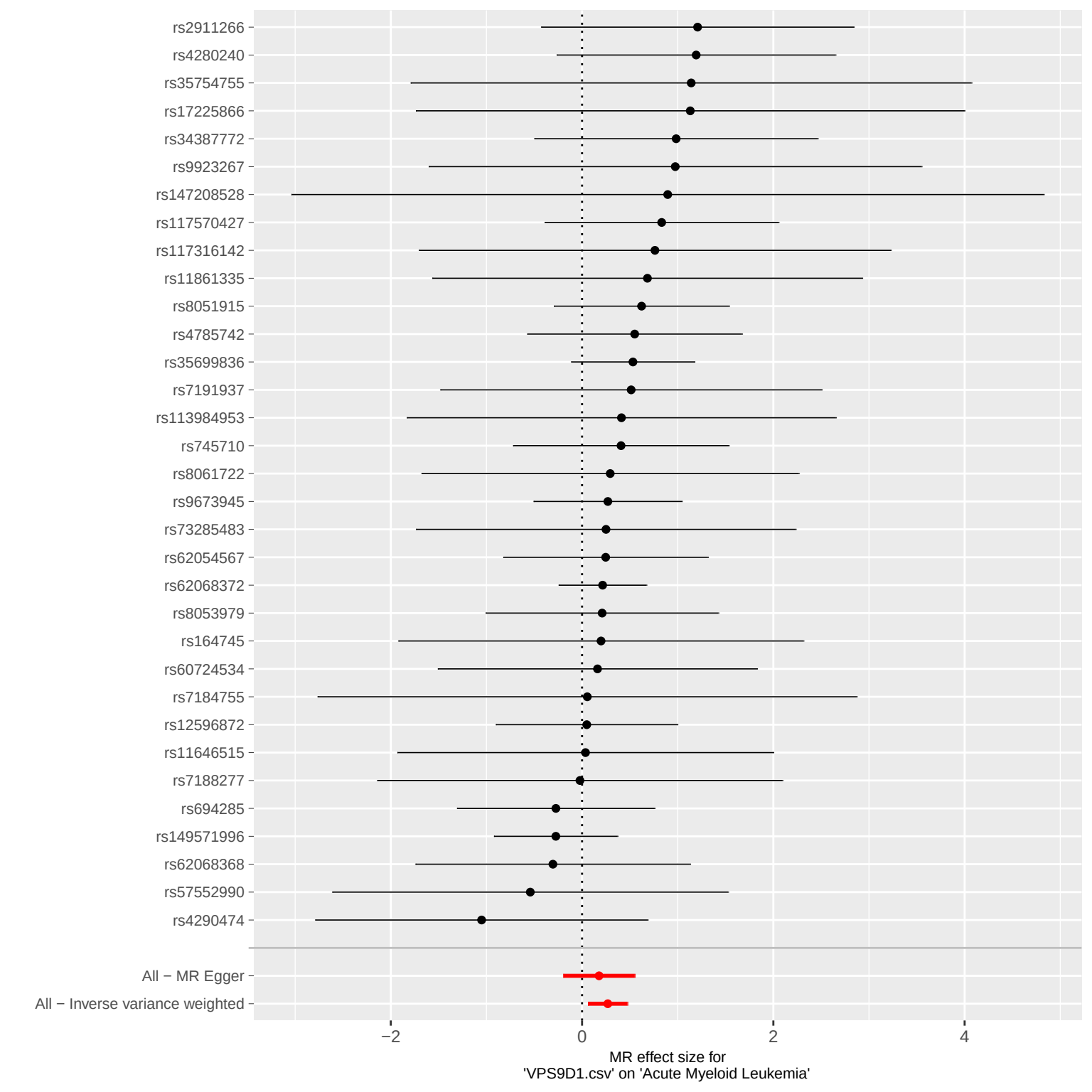
rs149785779
rs4339591
rs6957301
rs6961353
rs117042408
rs76138885
rs6980338
rs35412696
rs71547932
rs6593220
rs59055445
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'VOPP1.csv' on 'Acute Myeloid Leukemia'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rs4785742
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rs7191937
rs113984953
rs745710
rs8061722
rs9673945
rs73285483
rs62054567
rs62068372
rs8053979
rs164745
rs60724534
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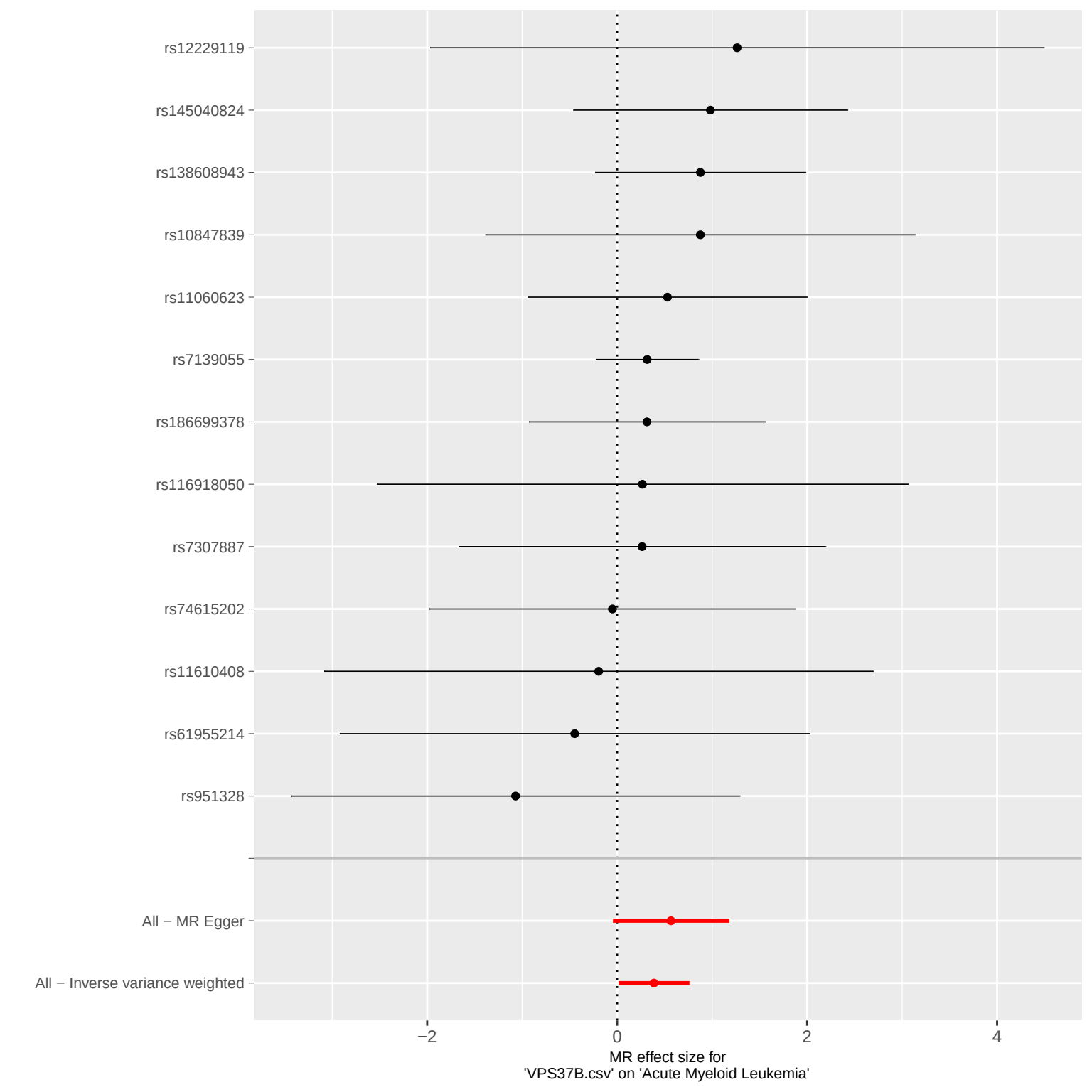
rs12596872
rs11646515
rs7188277
rs694285
rs149571996
rs62068368
rs57552990
rs4290474
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'VPS9D1.csv' on 'Acute Myeloid Leukemia'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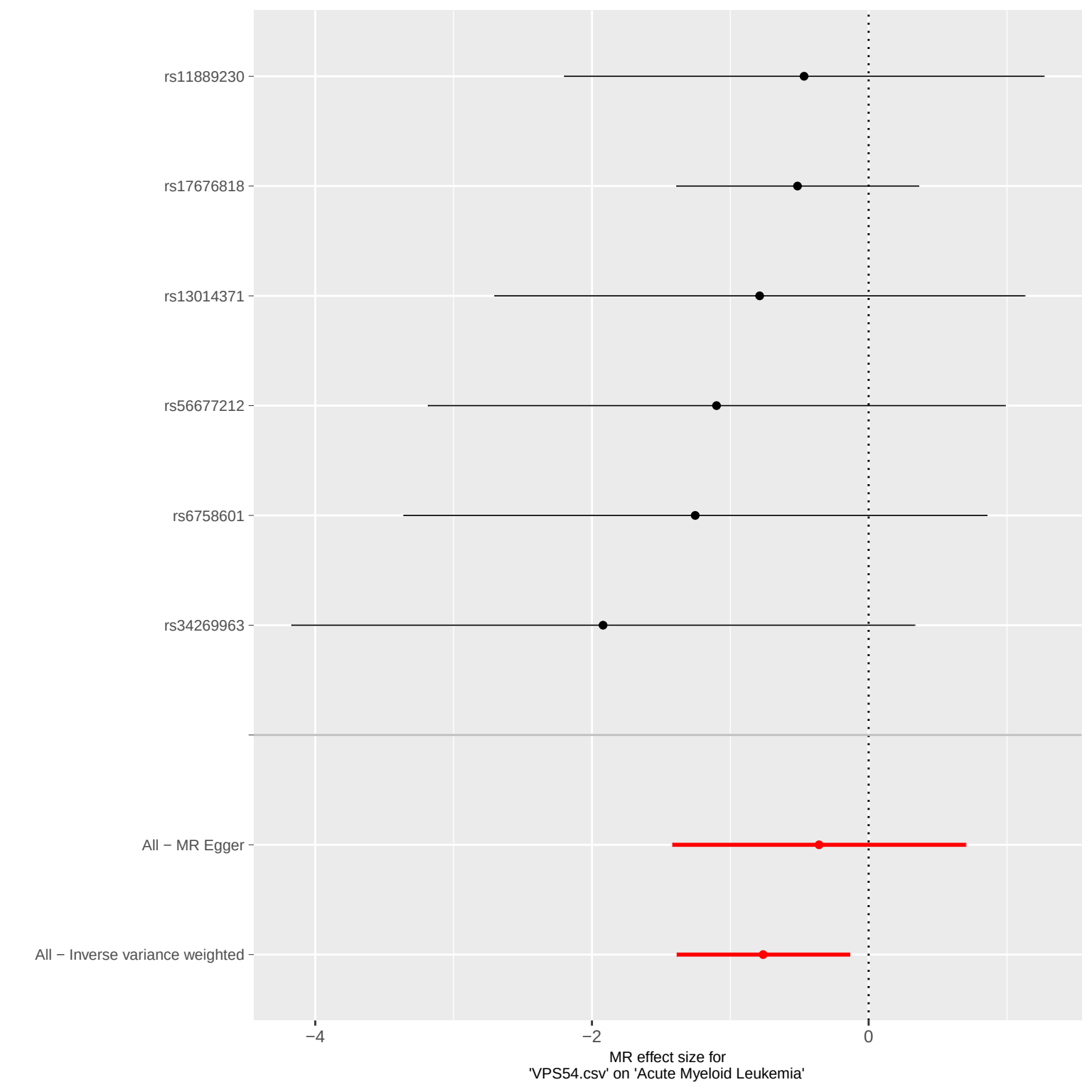
rs10847839
rs11060623
rs7139055
rs186699378
rs116918050
rs7307887
rs74615202
rs11610408
rs61955214
rs951328
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'VPS37B.csv' on 'Acute Myeloid Leukemia'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rs17676818
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rs56677212
rs6758601
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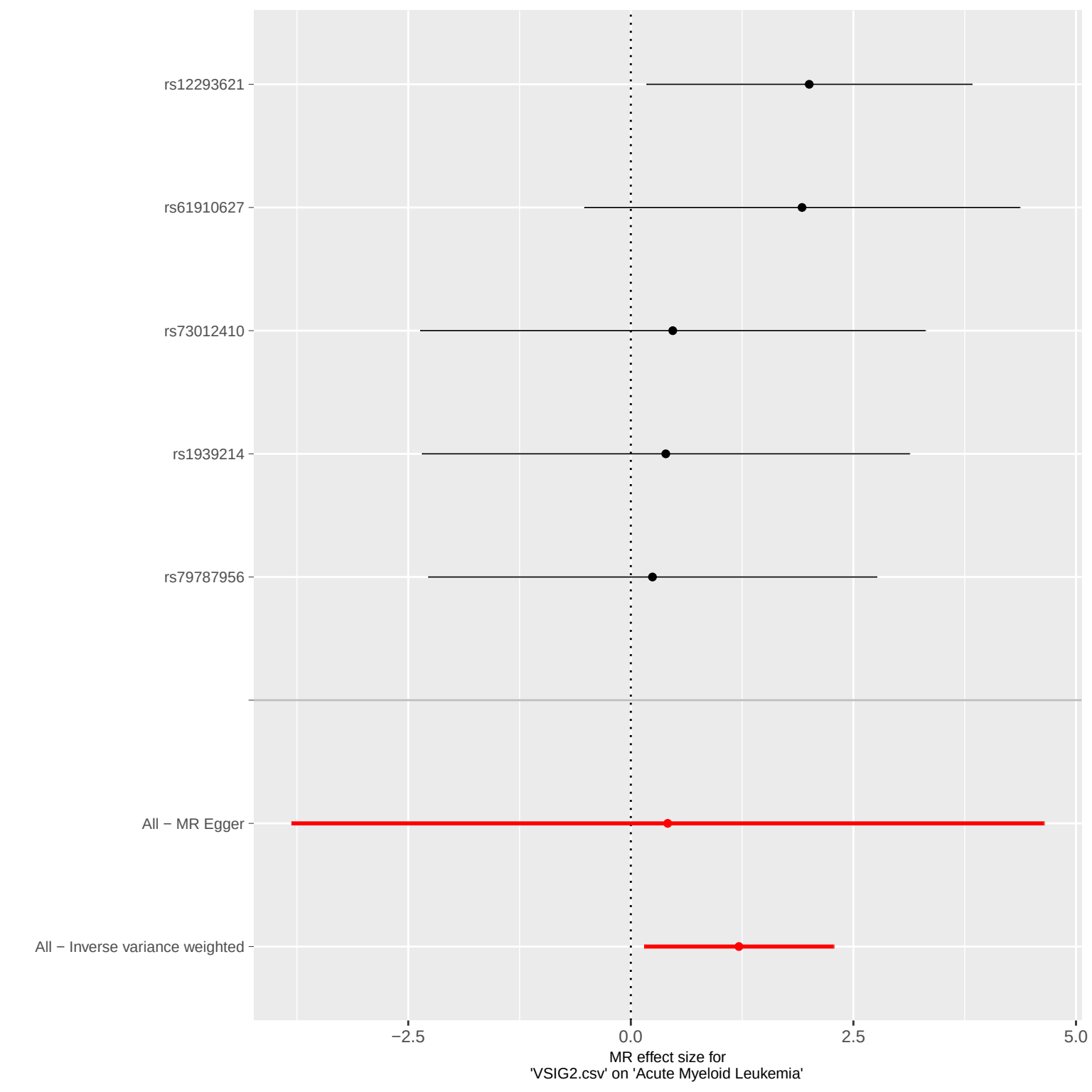
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'VPS54.csv' on 'Acute Myeloid Leukemia'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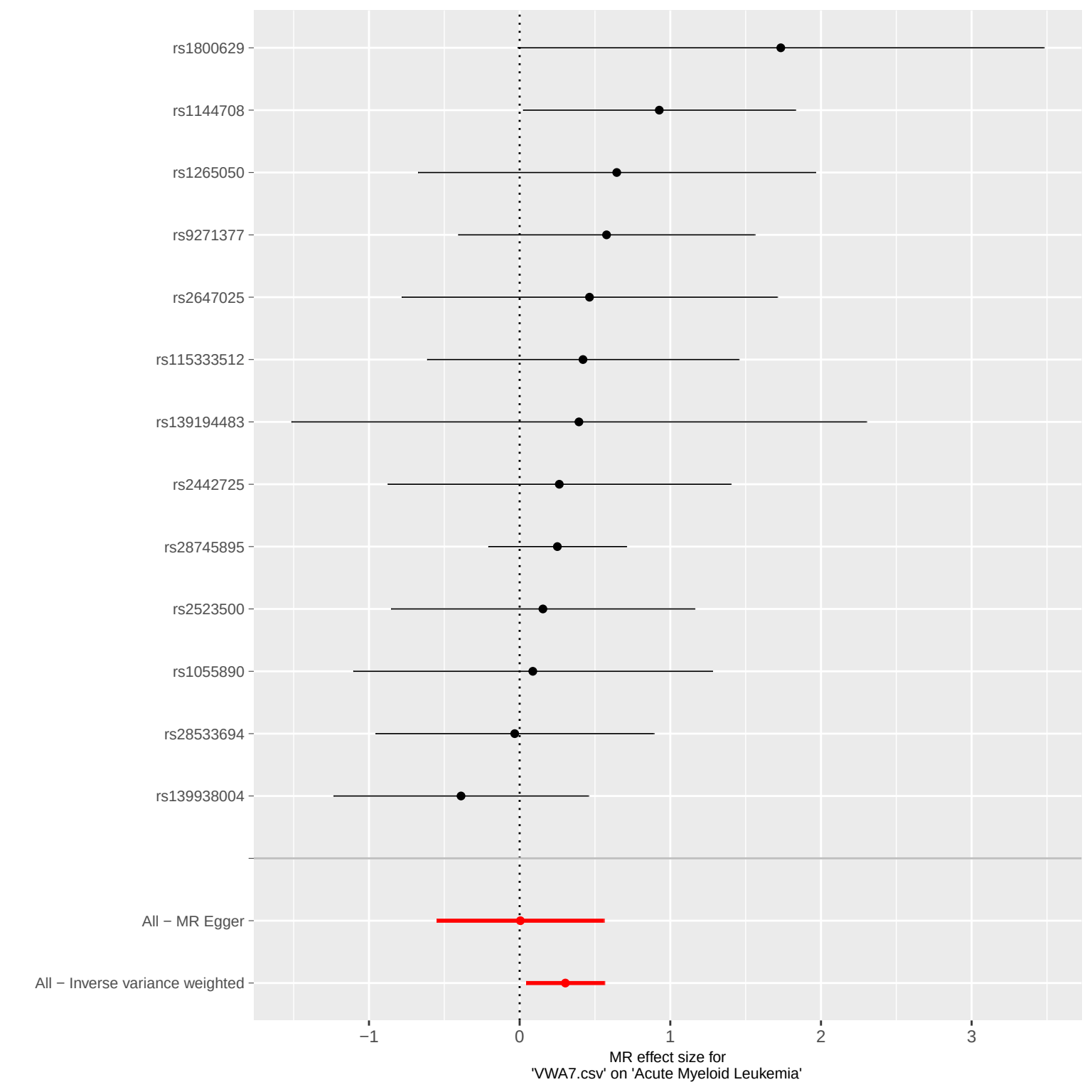
rs61910627
rs73012410
rs1939214
rs79787956
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'VSIG2.csv' on 'Acute Myeloid Leukemia'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rs115333512
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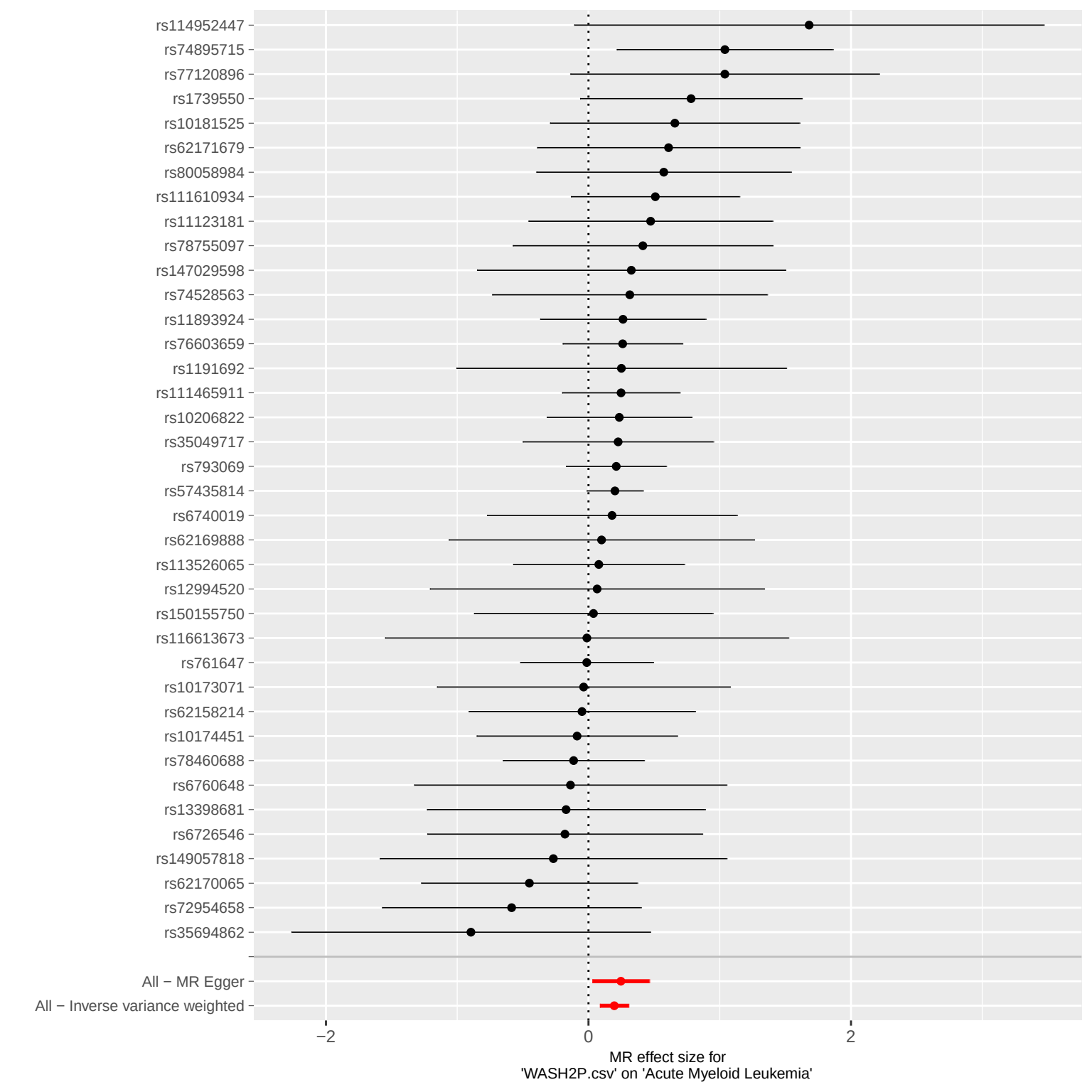
rs1055890
rs28533694
rs139938004
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'VWA7.csv' on 'Acute Myeloid Leukemia'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rs1191692
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rs62158214
rs10174451
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rs13398681
rs6726546
rs149057818
rs62170065
rs72954658
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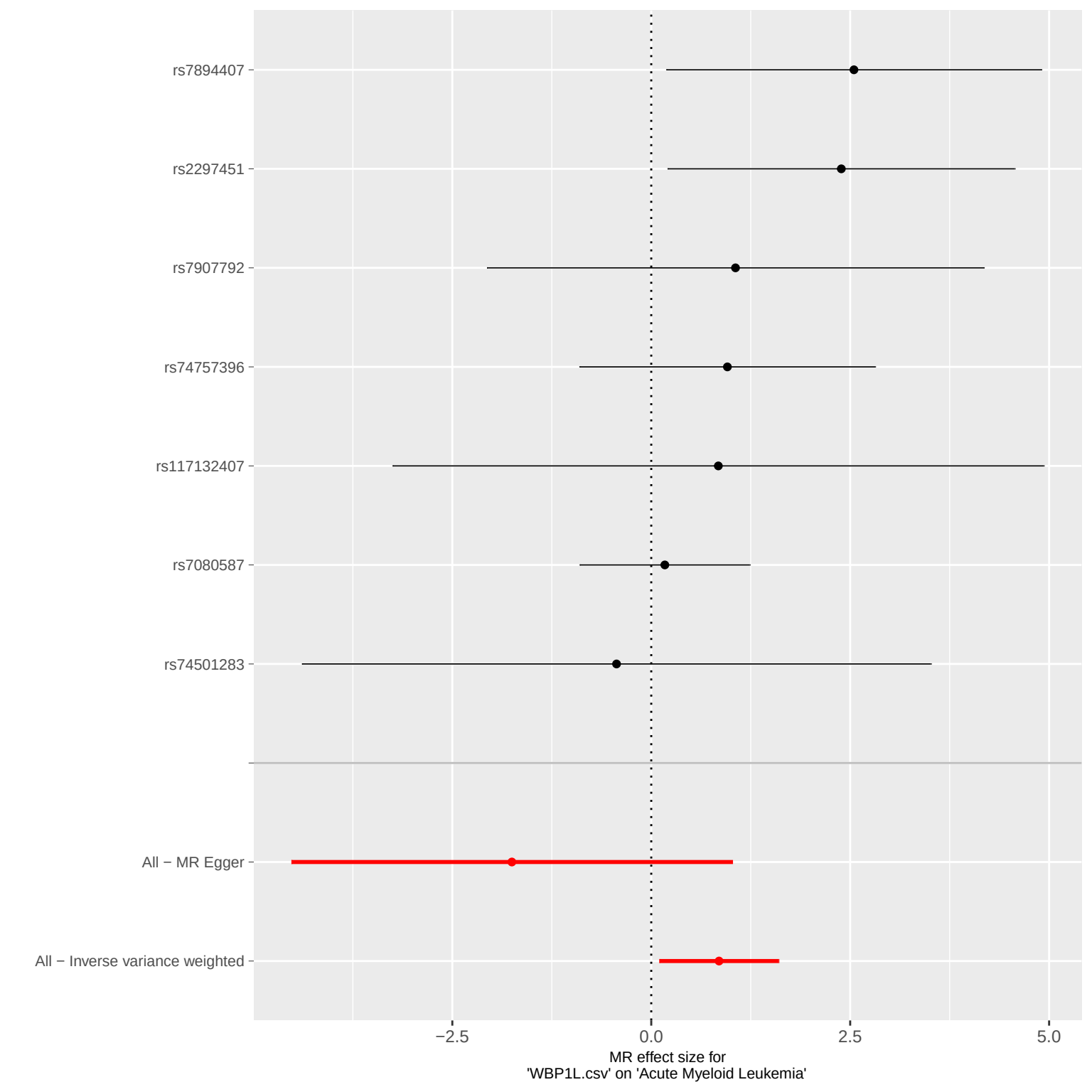
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'WASH2P.csv' on 'Acute Myeloid Leukemia'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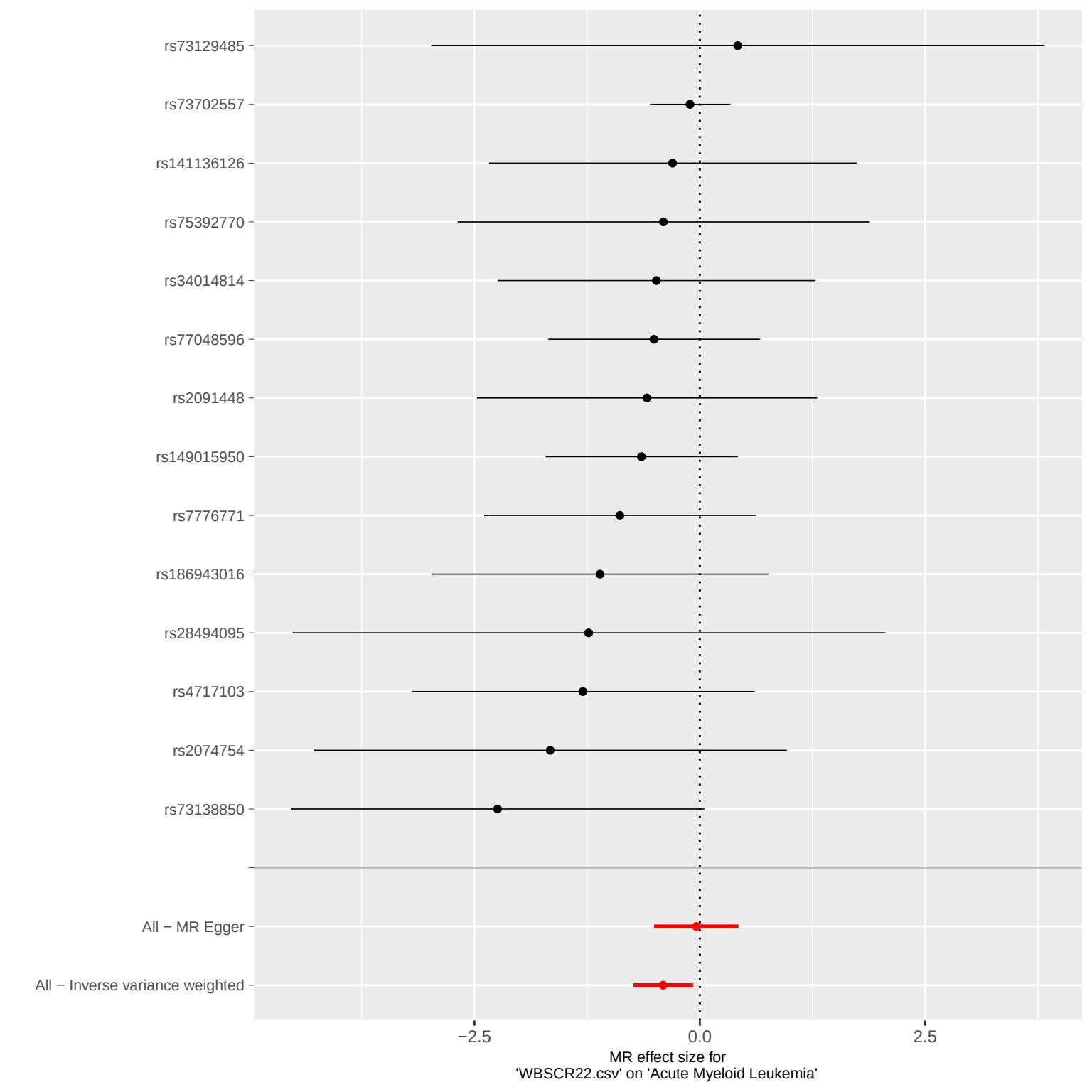
rs2297451
rs7907792
rs74757396
rs117132407
rs7080587
rs74501283
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'WBP1L.csv' on 'Acute Myeloid Leukemia'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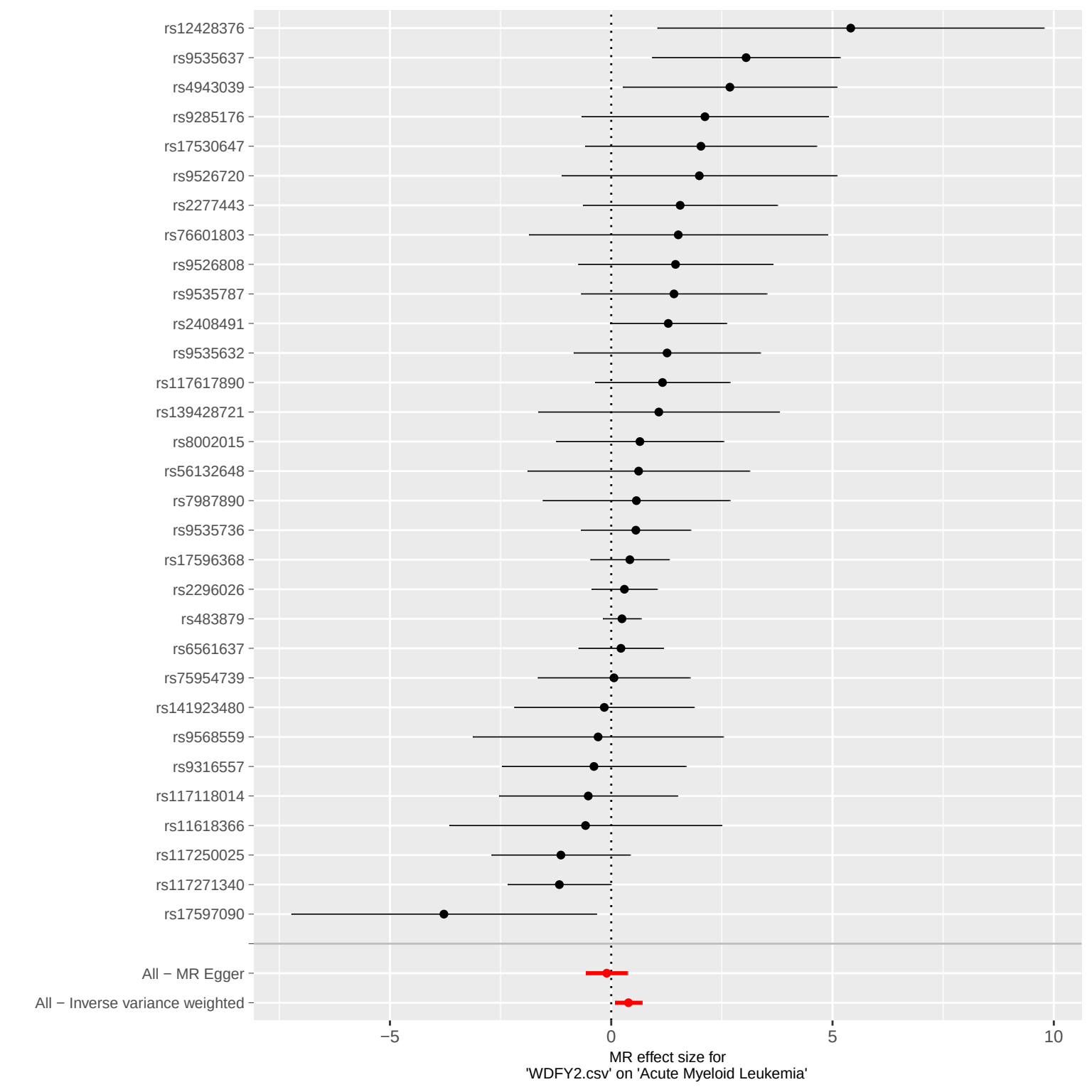
rs149015950
rs7776771
rs186943016
rs28494095
rs4717103
rs2074754
rs73138850
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'WBSCR22.csv' on 'Acute Myeloid Leukemia'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rs483879
rs6561637
rs75954739
rs141923480
rs9568559
rs9316557
rs117118014
rs11618366
rs117250025
rs117271340
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All − MR Egger
All − Inverse variance weighted
−5
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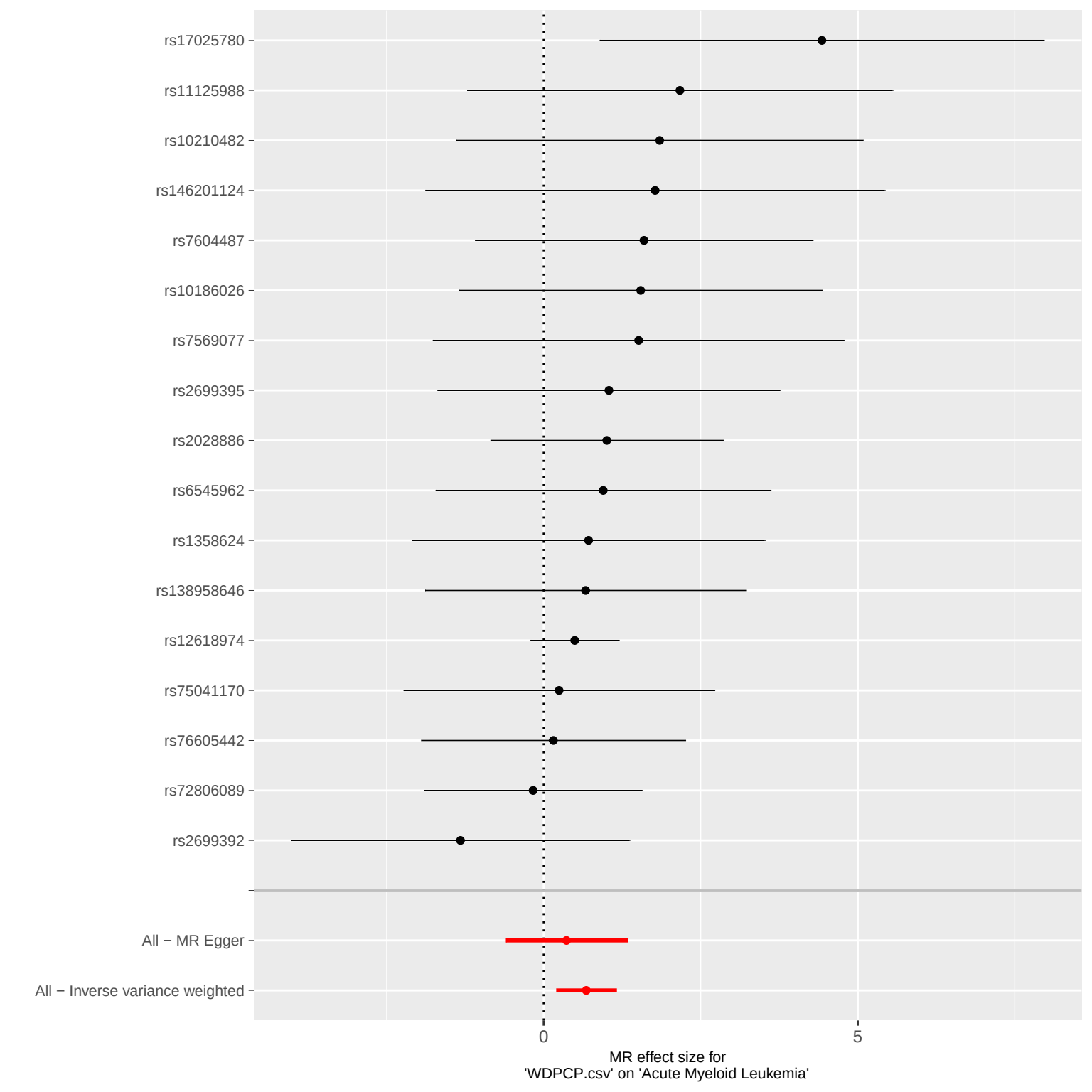
5
10
MR effect size for
'WDFY2.csv' on 'Acute Myeloid Leukemia'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rs2699395
rs2028886
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rs1358624
rs138958646
rs12618974
rs75041170
rs76605442
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rs2699392
All − MR Egger
All − Inverse variance weighted
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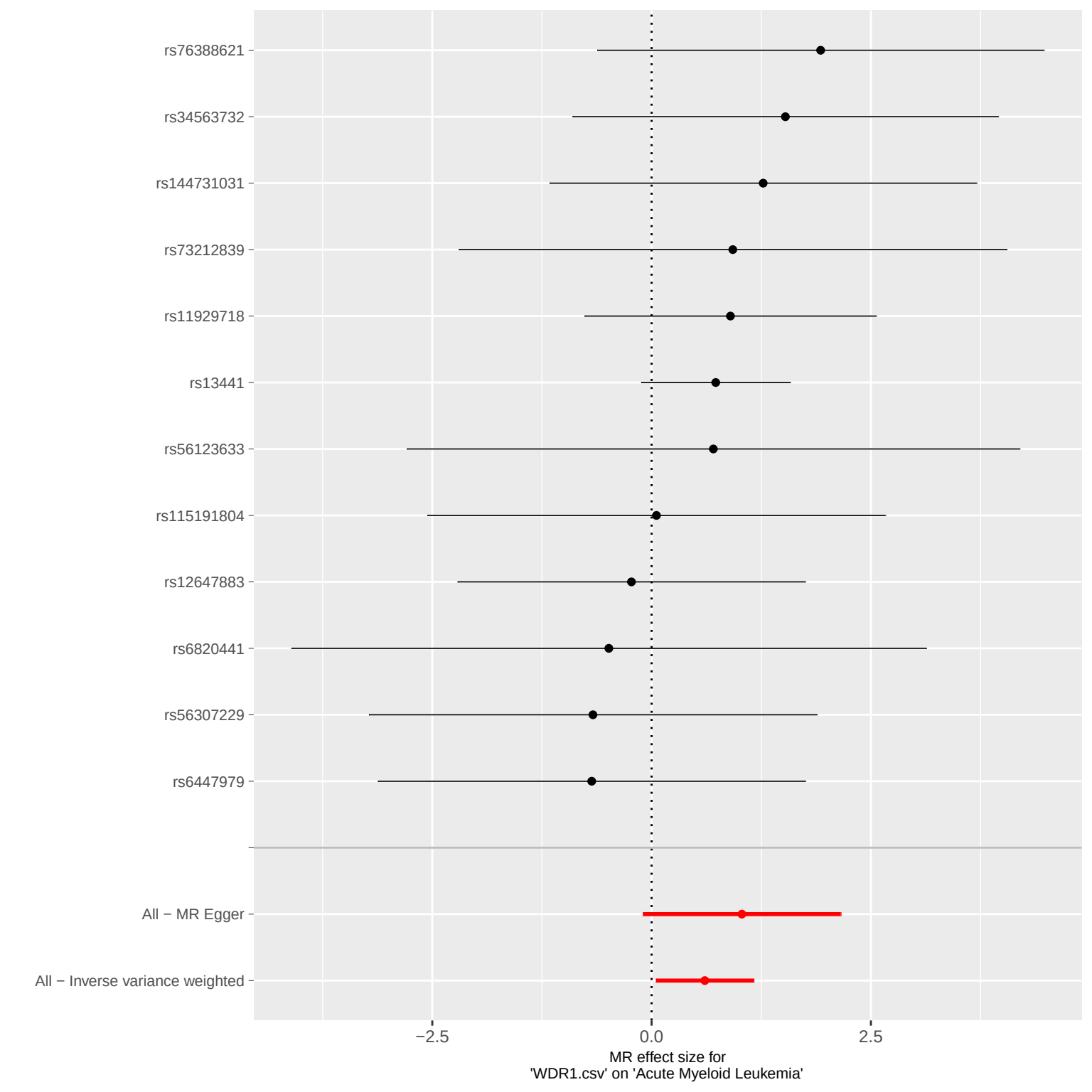
MR effect size for
'WDPCP.csv' on 'Acute Myeloid Leukemia'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rs115191804
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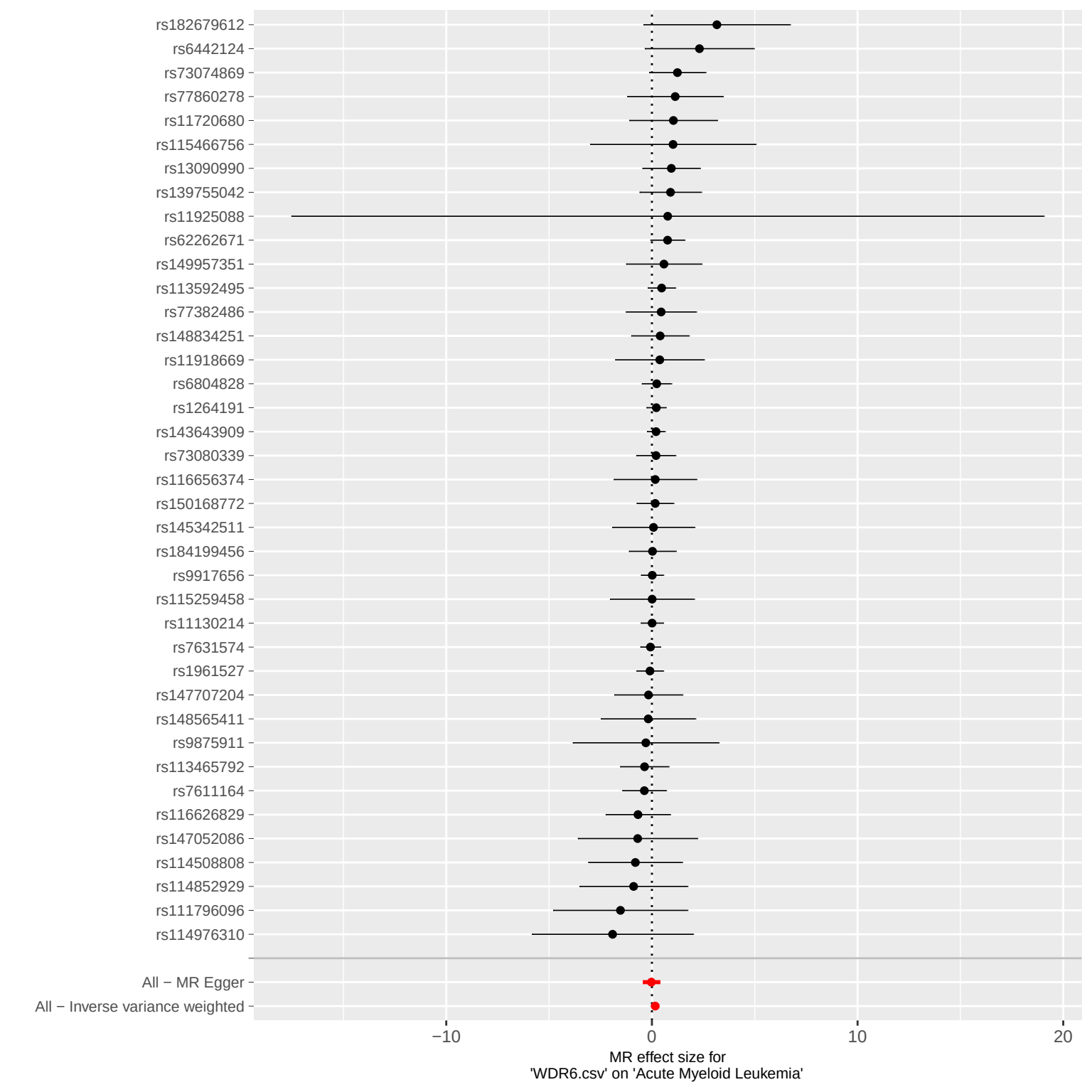
rs6820441
rs56307229
rs6447979
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'WDR1.csv' on 'Acute Myeloid Leukemia'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rs111796096
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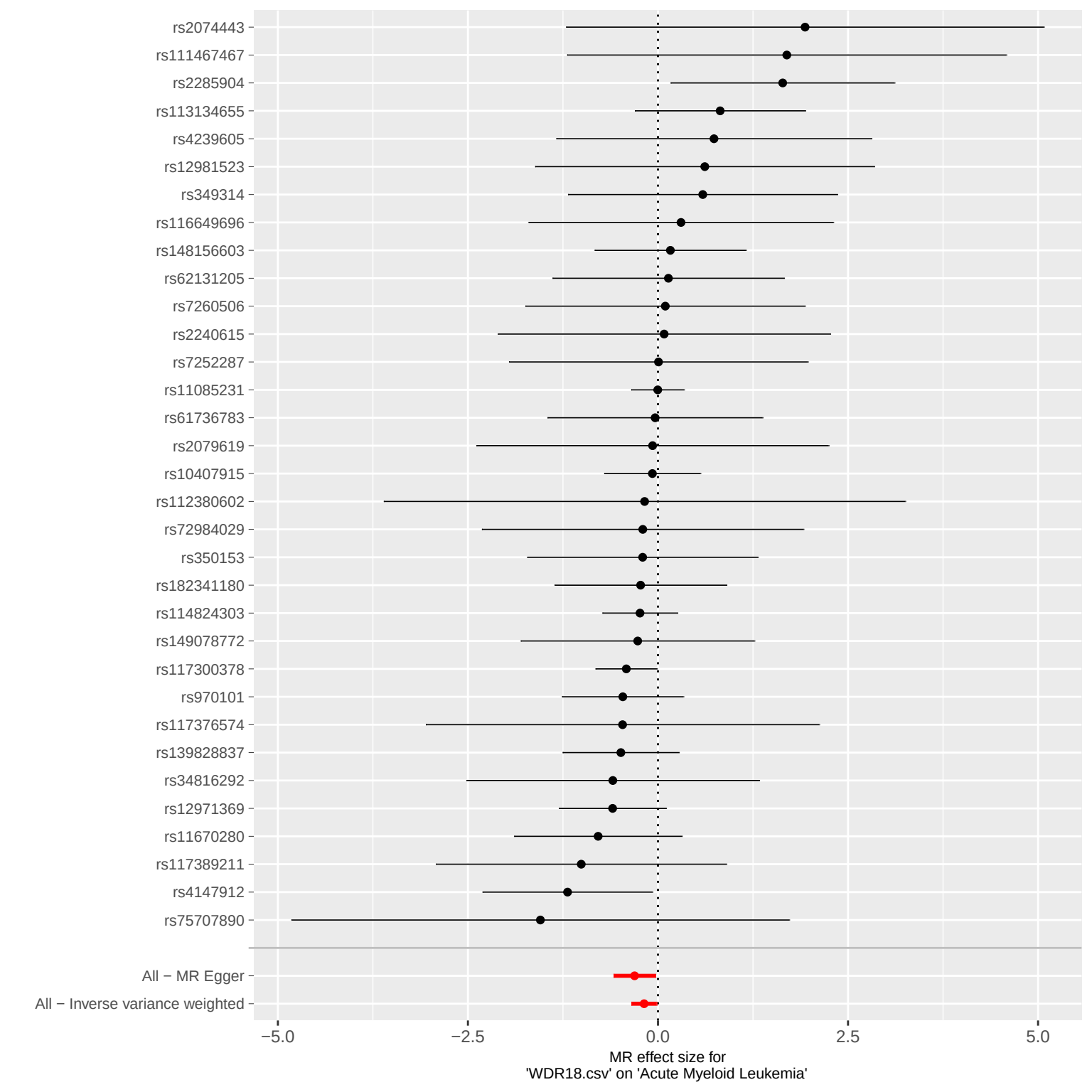
All − MR Egger
All − Inverse variance weighted
−10
0
10
20
MR effect size for
'WDR6.csv' on 'Acute Myeloid Leukemia'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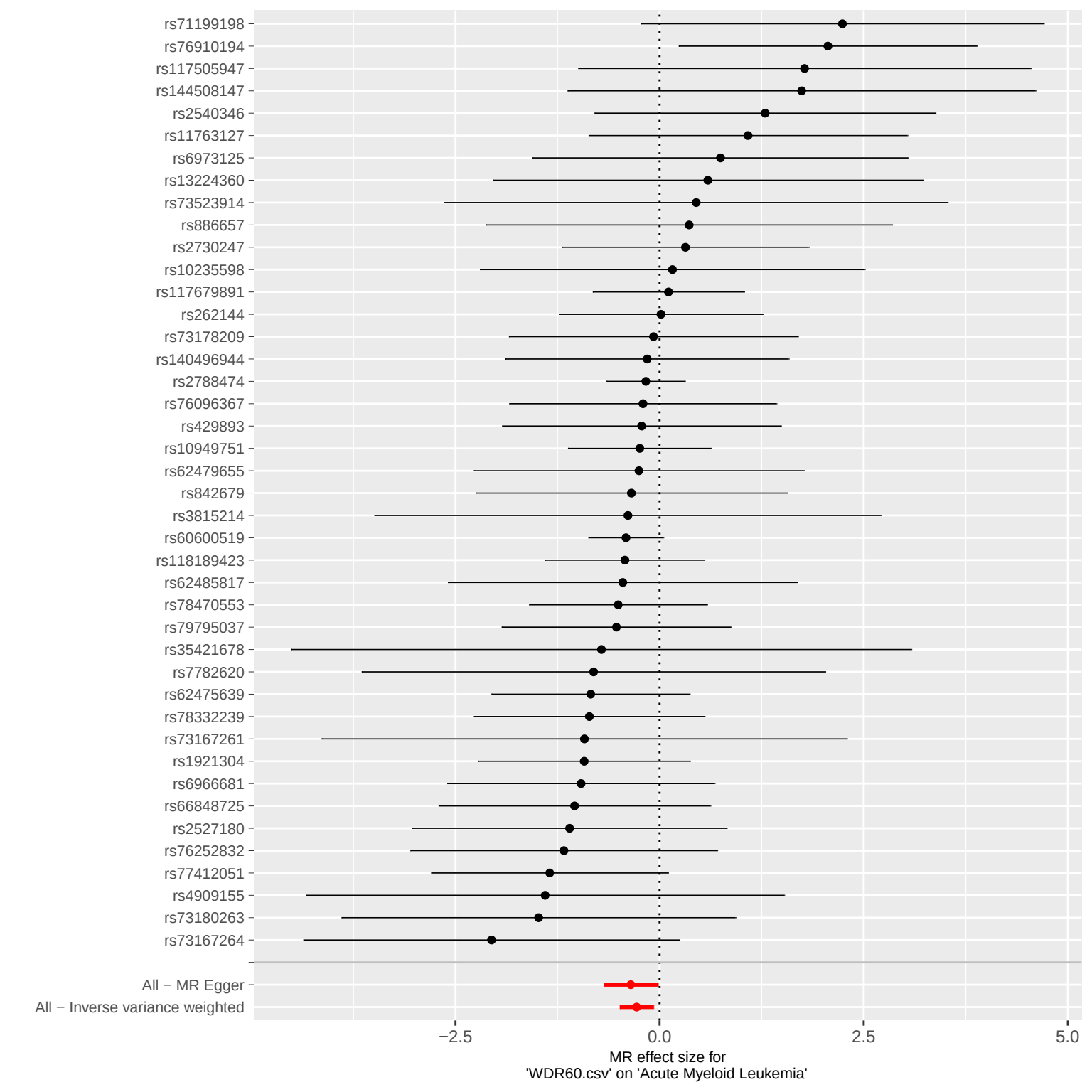
rs7260506
rs2240615
rs7252287
rs11085231
rs61736783
rs2079619
rs10407915
rs112380602
rs72984029
rs350153
rs182341180
rs114824303
rs149078772
rs117300378
rs970101
rs117376574
rs139828837
rs34816292
rs12971369
rs11670280
rs117389211
rs4147912
rs75707890
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'WDR18.csv' on 'Acute Myeloid Leukemia'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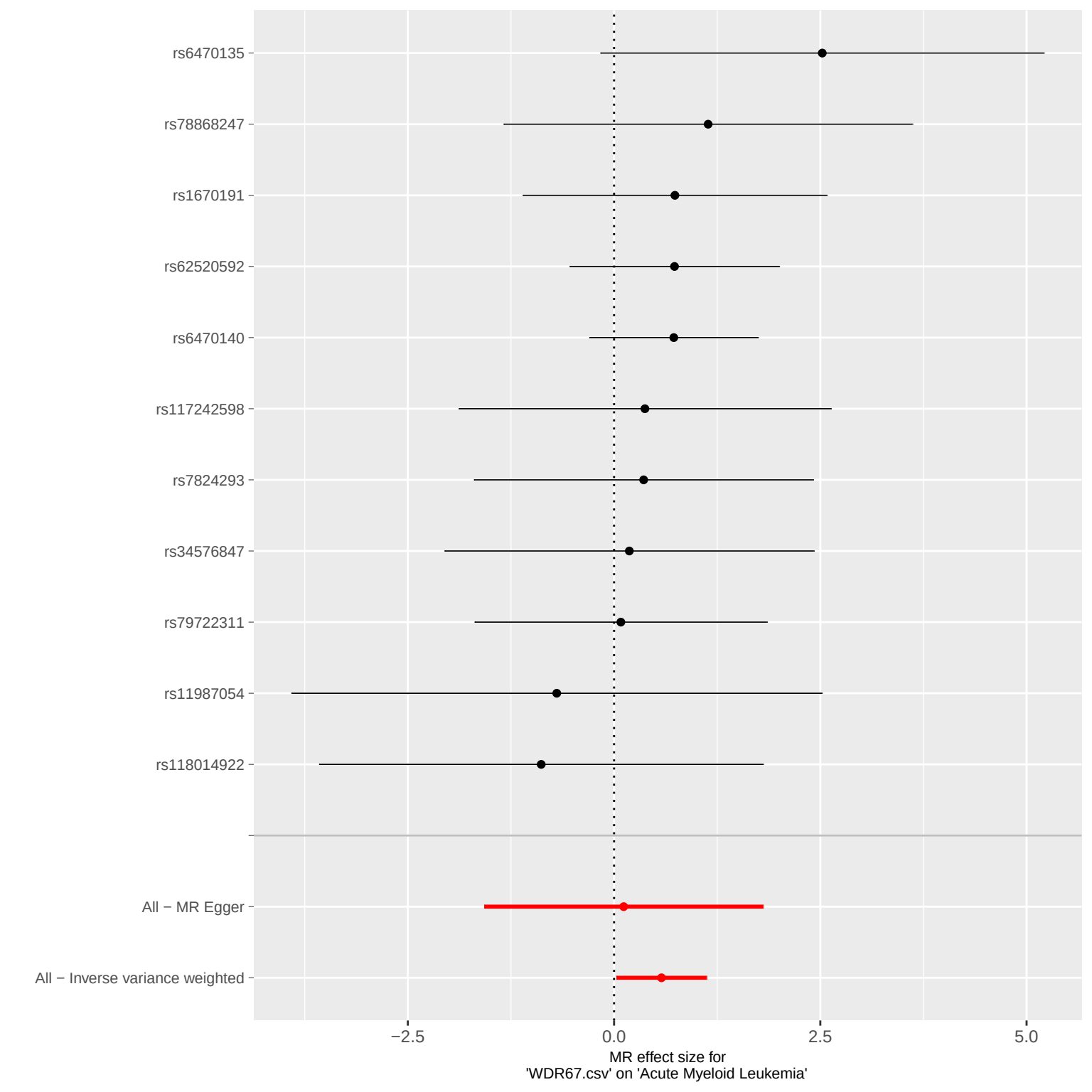
rs2730247
rs10235598
rs117679891
rs262144
rs73178209
rs140496944
rs2788474
rs76096367
rs429893
rs10949751
rs62479655
rs842679
rs3815214
rs60600519
rs118189423
rs62485817
rs78470553
rs79795037
rs35421678
rs7782620
rs62475639
rs78332239
rs73167261
rs1921304
rs6966681
rs66848725
rs2527180
rs76252832
rs77412051
rs4909155
rs73180263
rs73167264
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'WDR60.csv' on 'Acute Myeloid Leukemia'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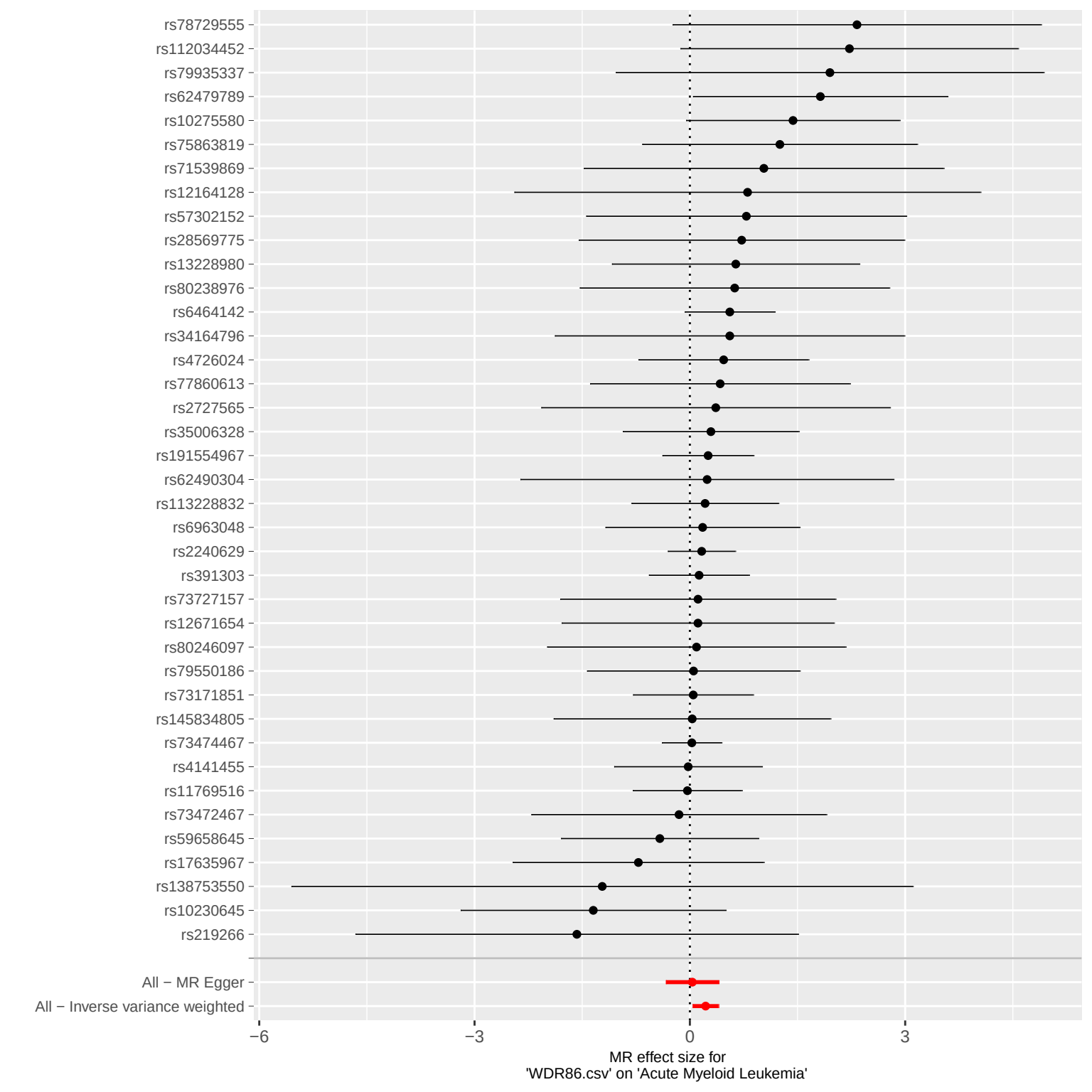
rs1670191
rs62520592
rs6470140
rs117242598
rs7824293
rs34576847
rs79722311
rs11987054
rs118014922
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'WDR67.csv' on 'Acute Myeloid Leukemia'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rs80238976
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rs191554967
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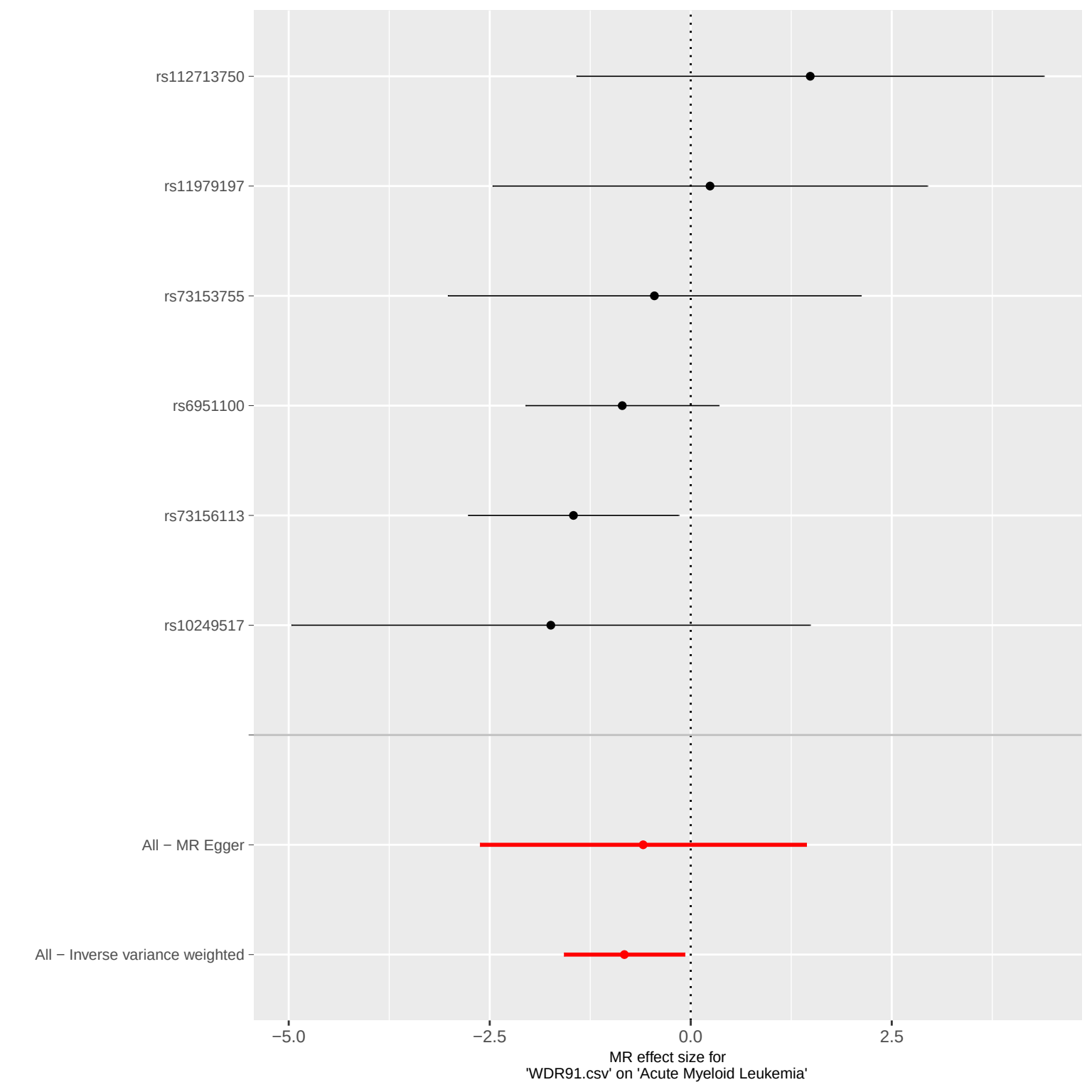
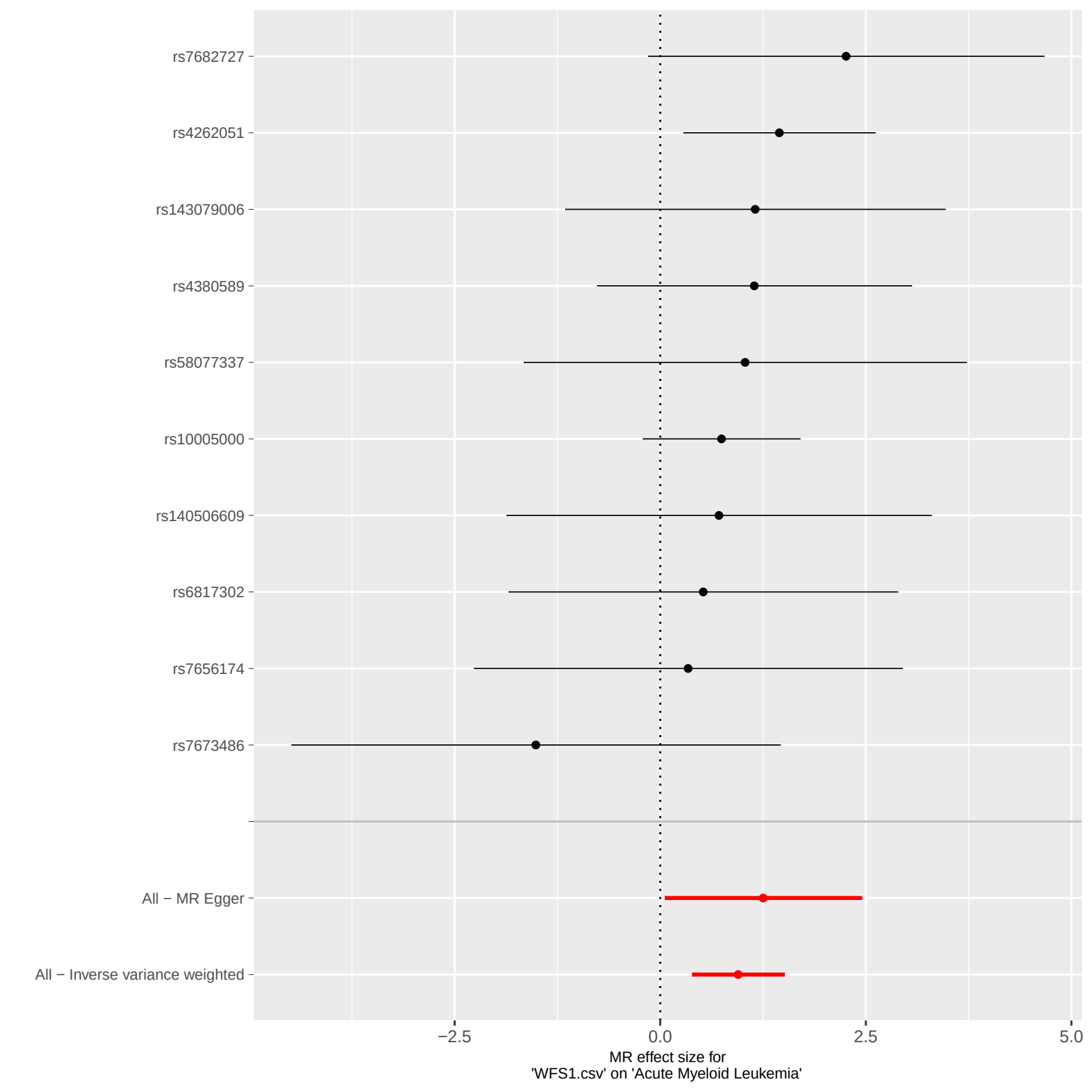
rs6963048
rs2240629
rs391303
rs73727157
rs12671654
rs80246097
rs79550186
rs73171851
rs145834805
rs73474467
rs4141455
rs11769516
rs73472467
rs59658645
rs17635967
rs138753550
rs10230645
rs219266
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'WDR86.csv' on 'Acute Myeloid Leukemia'


rs112713750
rs11979197
rs73153755
rs6951100
rs73156113
rs10249517
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'WDR91.csv' on 'Acute Myeloid Leukemia'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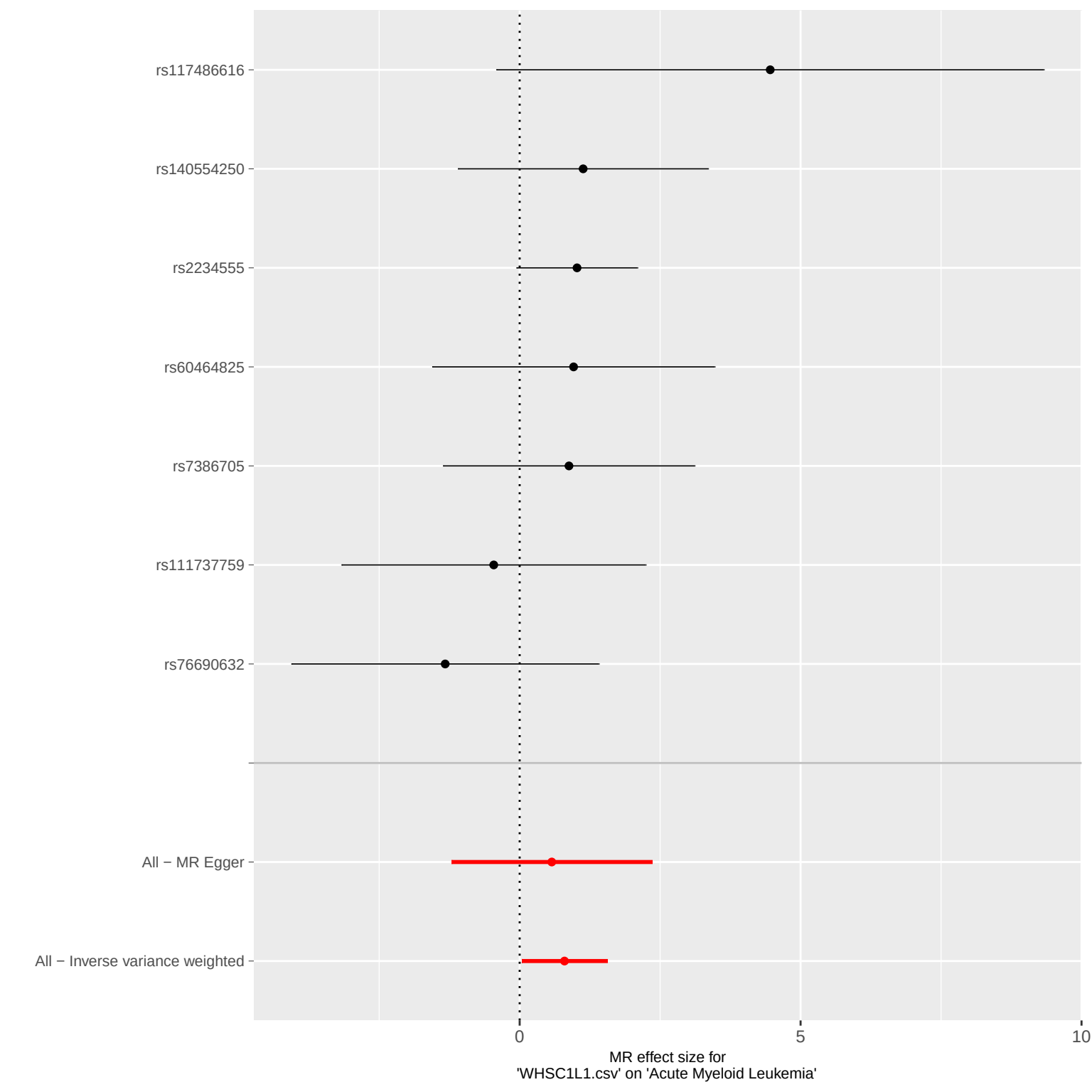
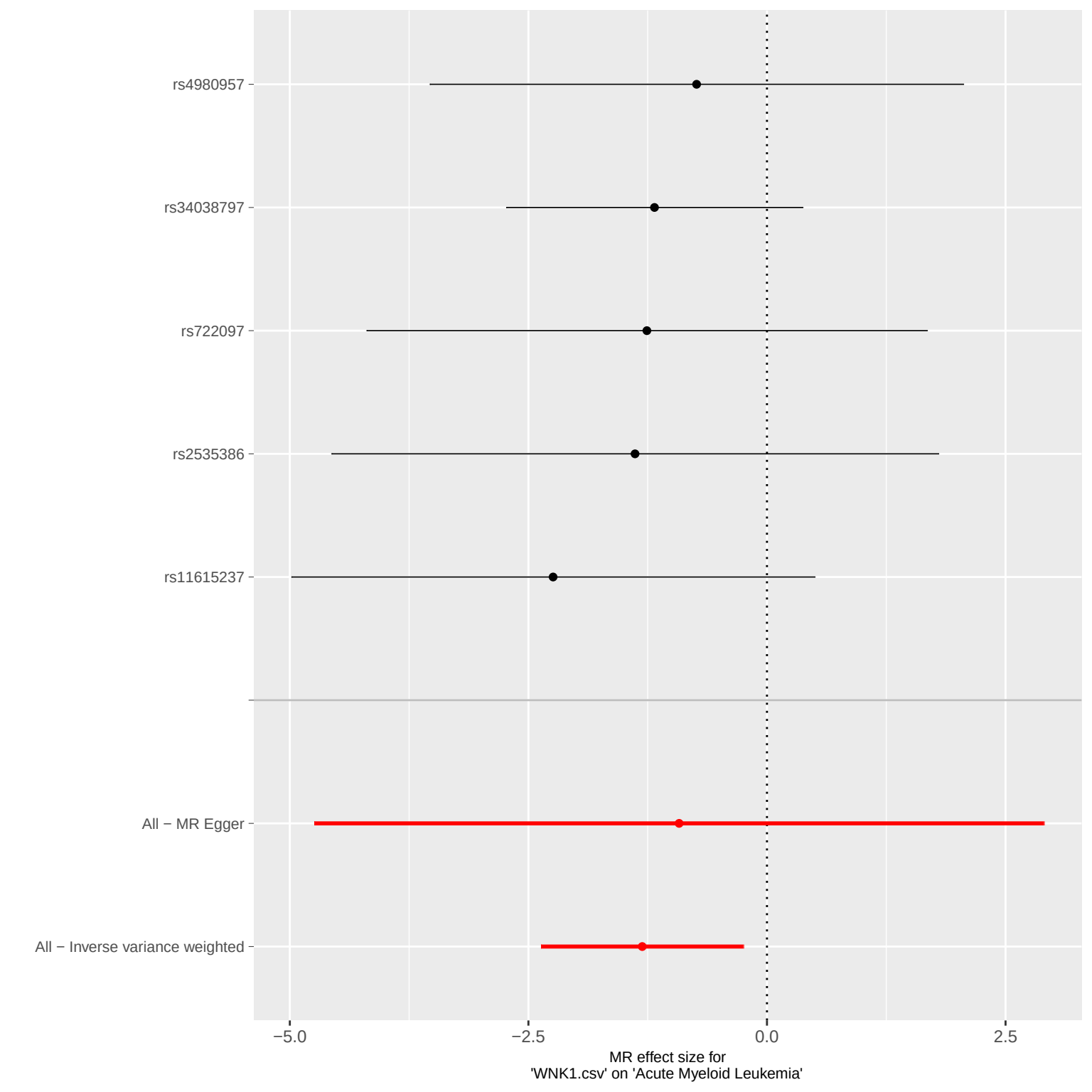
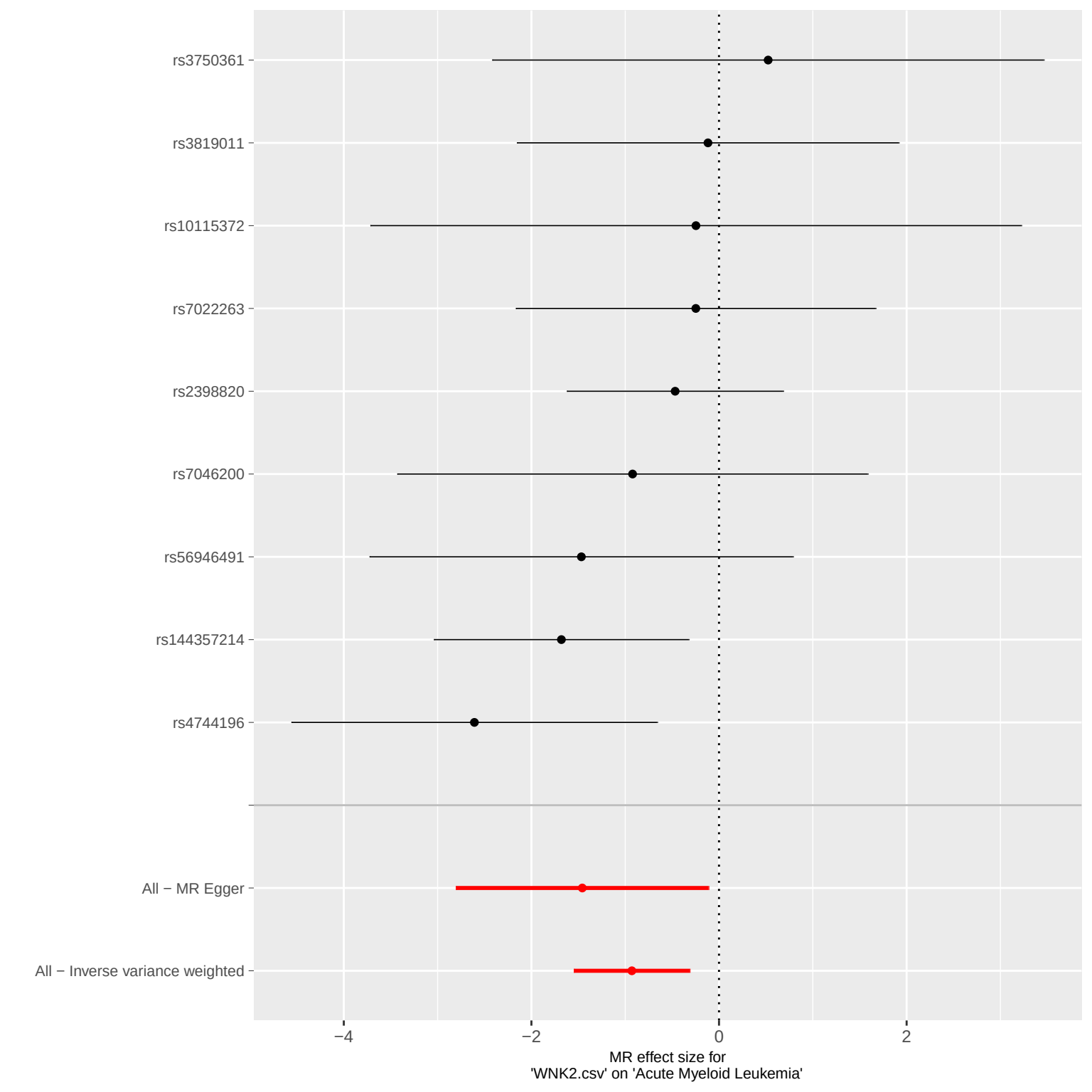
rs143079006
rs4380589
rs58077337
rs10005000
rs140506609
rs6817302
rs7656174
rs7673486
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'WFS1.csv' on 'Acute Myeloid Leukemia'


rs117486616
rs140554250
rs2234555
rs60464825
rs7386705
rs111737759
rs76690632
All − MR Egger
All − Inverse variance weighted
0
5
10
MR effect size for
'WHSC1L1.csv' on 'Acute Myeloid Leukemia'


rs4980957
rs34038797
rs722097
rs2535386
rs11615237
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'WNK1.csv' on 'Acute Myeloid Leukemia'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rs3819011
rs10115372
rs7022263
rs2398820
rs7046200
rs56946491
rs144357214
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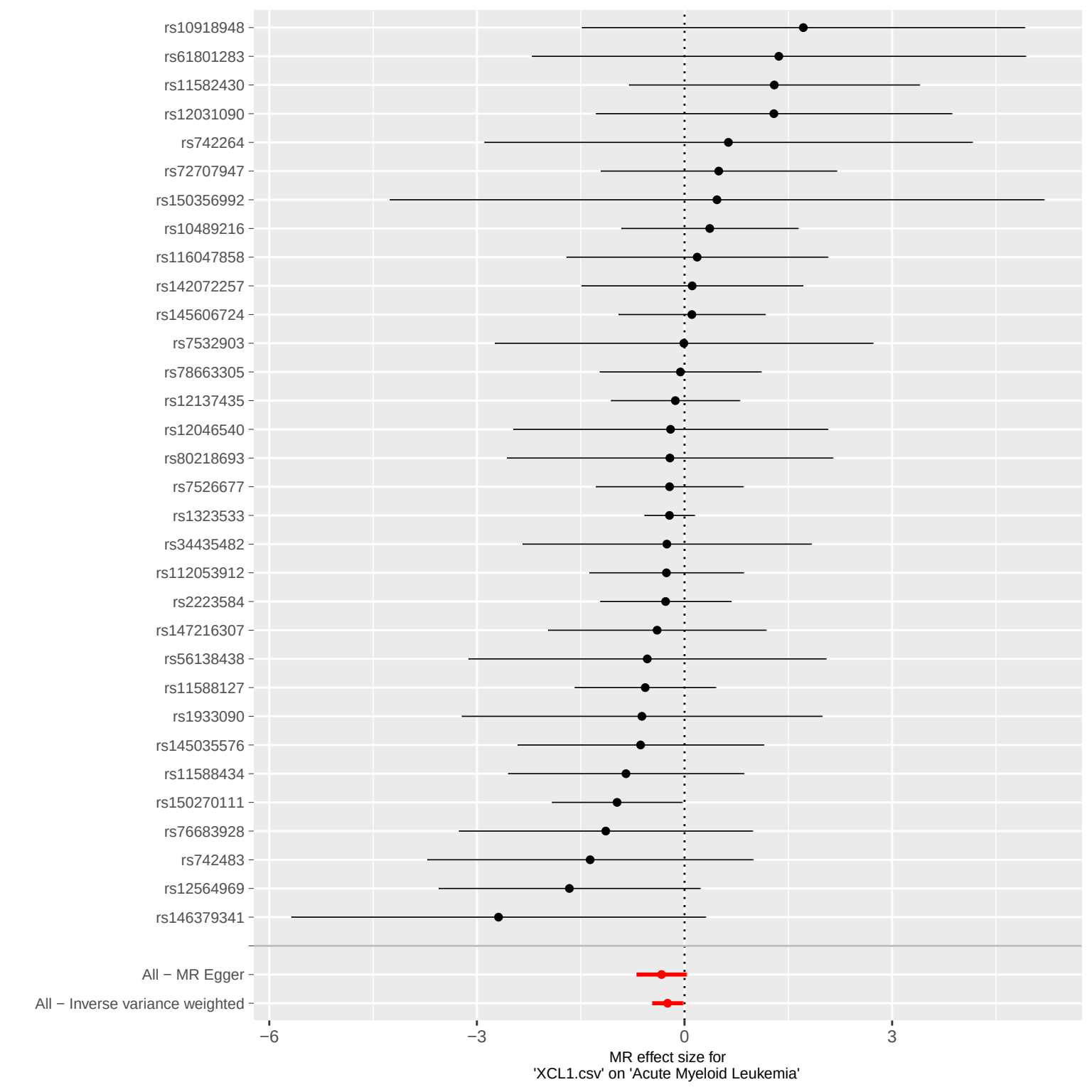
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'WNK2.csv' on 'Acute Myeloid Leukemia'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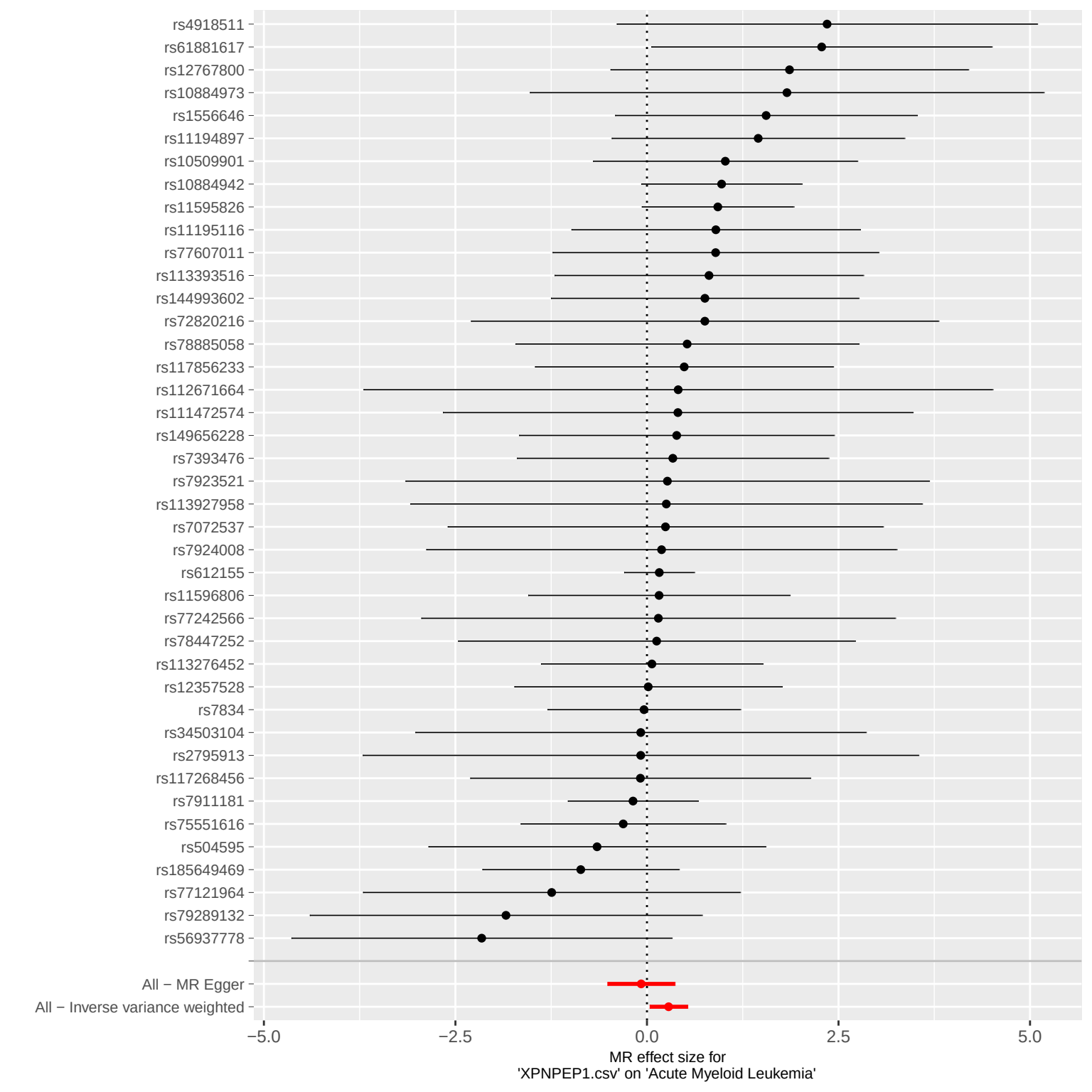
rs145606724
rs7532903
rs78663305
rs12137435
rs12046540
rs80218693
rs7526677
rs1323533
rs34435482
rs112053912
rs2223584
rs147216307
rs56138438
rs11588127
rs1933090
rs145035576
rs11588434
rs150270111
rs76683928
rs742483
rs12564969
rs146379341
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'XCL1.csv' on 'Acute Myeloid Leukemia'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rs117856233
rs112671664
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rs11596806
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rs12357528
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rs34503104
rs2795913
rs117268456
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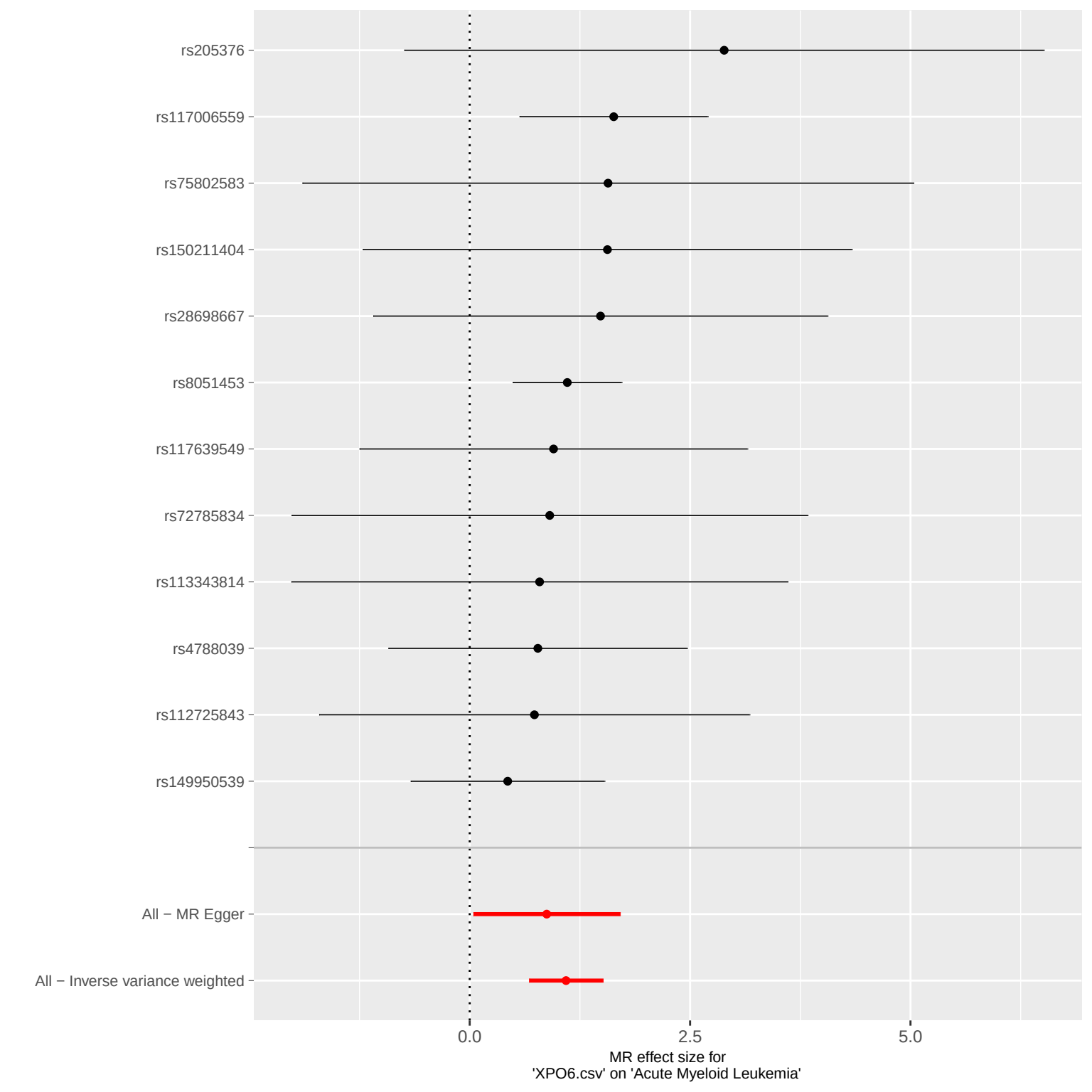
rs77121964
rs79289132
rs56937778
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'XPNPEP1.csv' on 'Acute Myeloid Leukemia'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All − MR Egger
All − Inverse variance weighted
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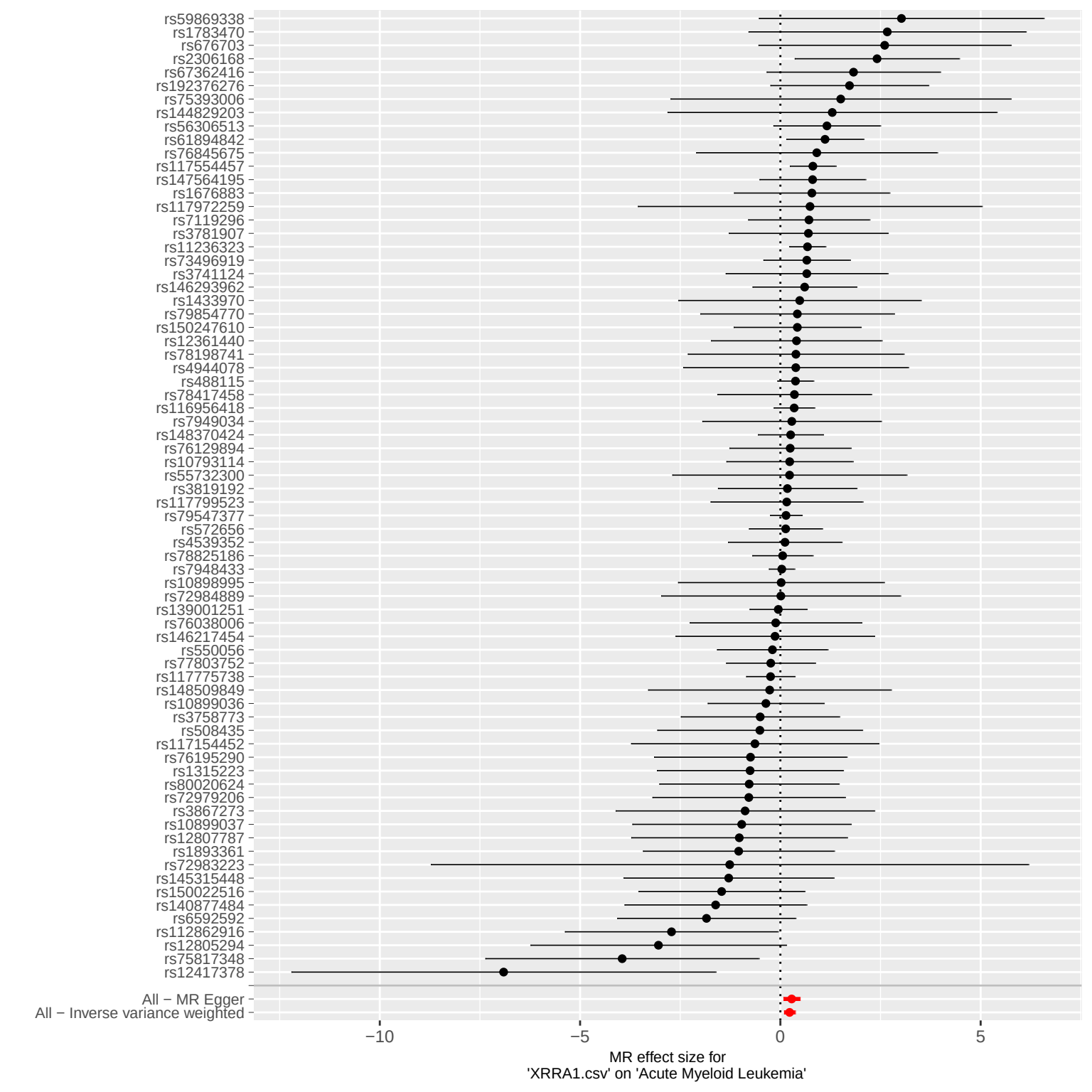
2.5
5.0
MR effect size for
'XPO6.csv' on 'Acute Myeloid Leukemia'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rs76195290
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rs72979206
rs3867273
rs10899037
rs12807787
rs1893361
rs72983223
rs145315448
rs150022516
rs140877484
rs6592592
rs112862916
rs12805294
rs75817348
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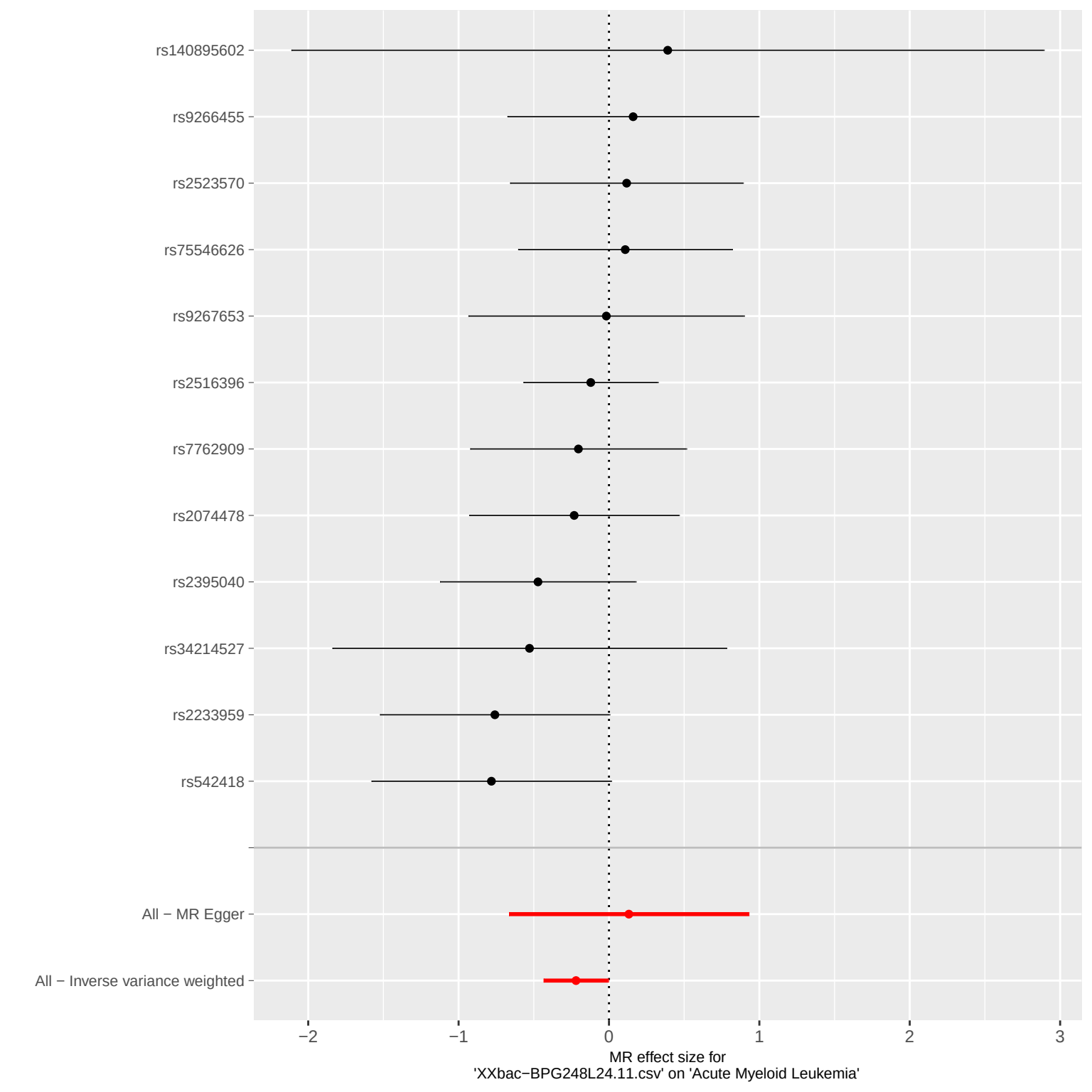
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'XRRA1.csv' on 'Acute Myeloid Leukemia'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rs75546626
rs9267653
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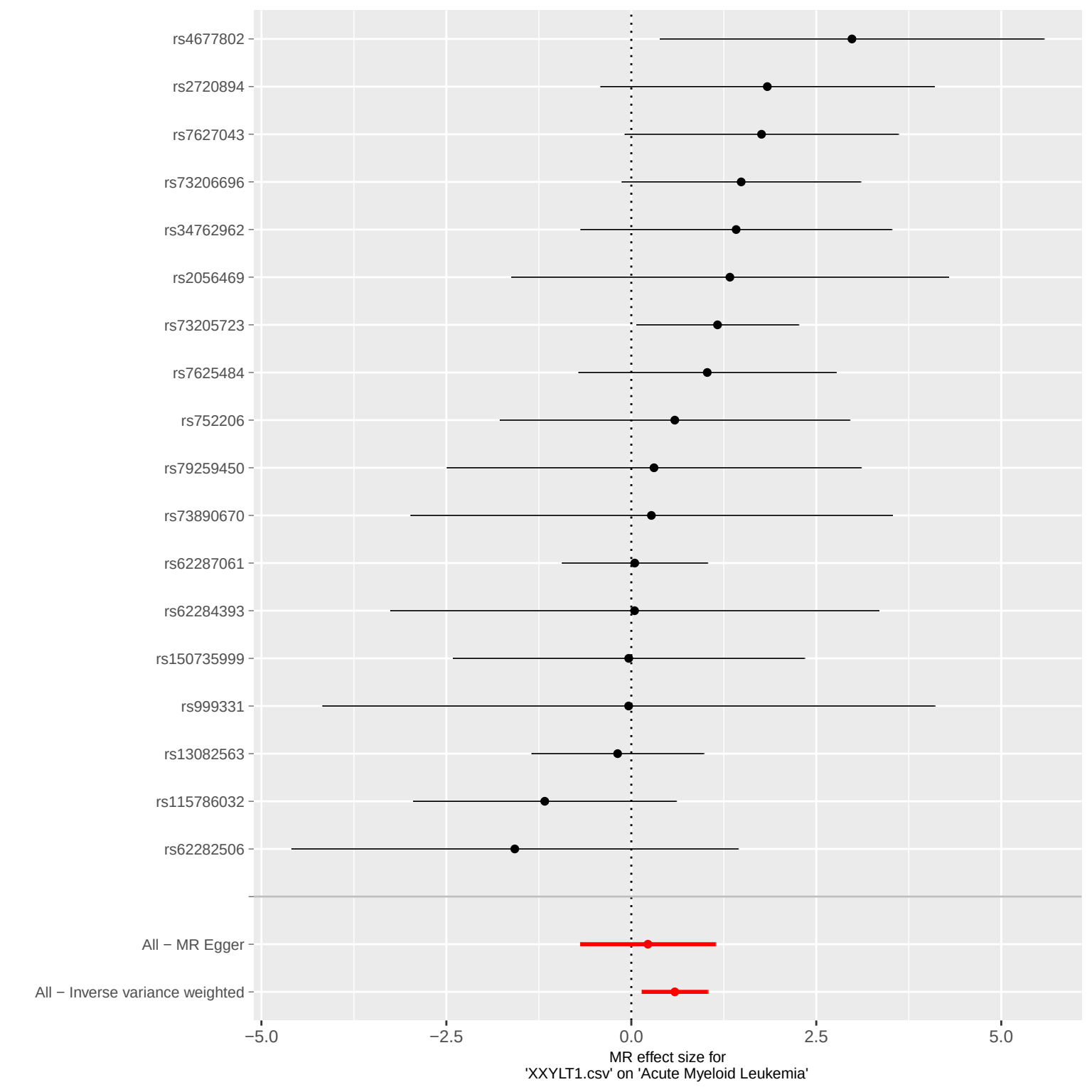
rs2074478
rs2395040
rs34214527
rs2233959
rs542418
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'XXbac−BPG248L24.11.csv' on 'Acute Myeloid Leukemia'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rs62287061
rs62284393
rs150735999
rs999331
rs13082563
rs115786032
rs62282506
All − MR Egger
All − Inverse variance weighted
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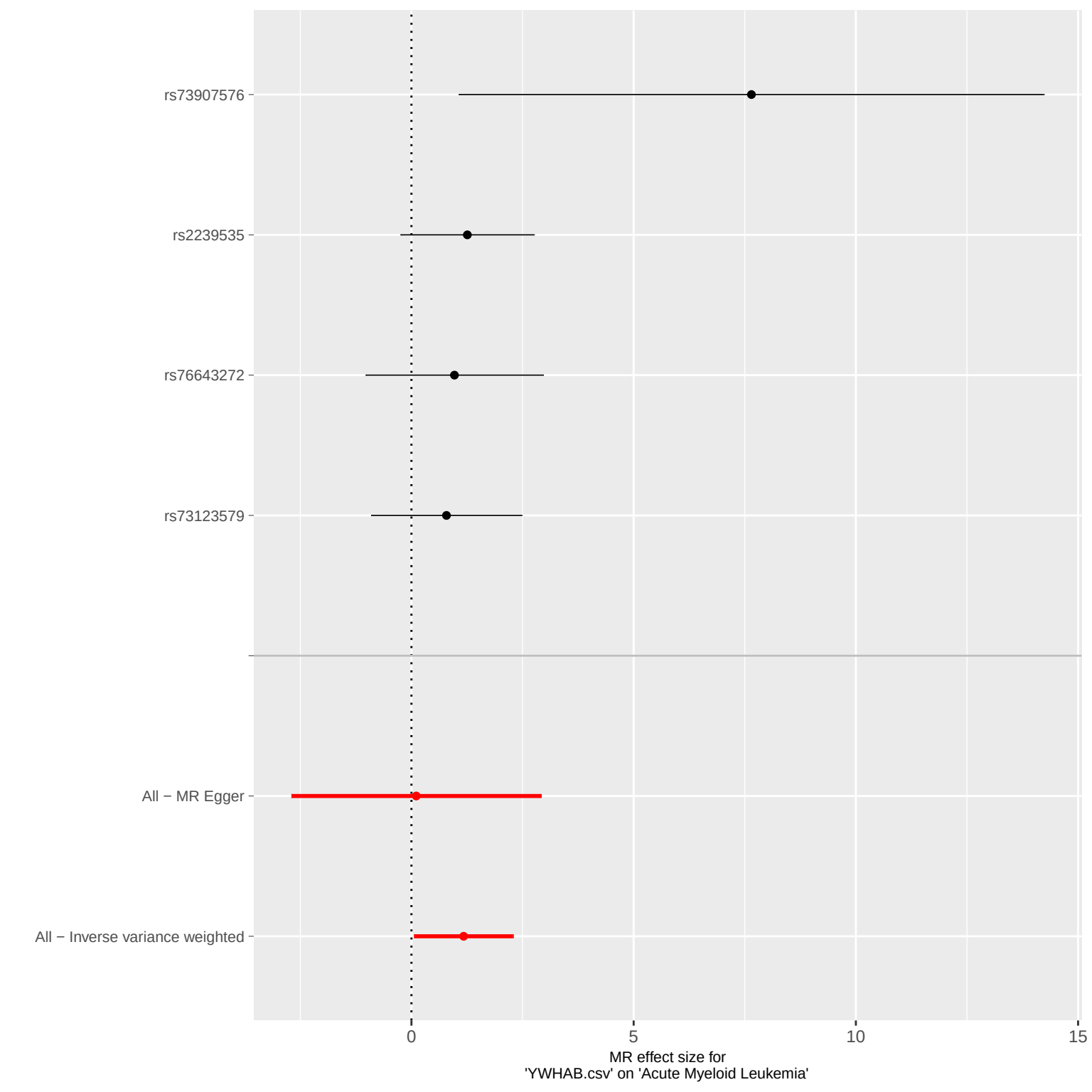
2.5
5.0
MR effect size for
'XXYLT1.csv' on 'Acute Myeloid Leukemia'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All − Inverse variance weighted
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5
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15
MR effect size for
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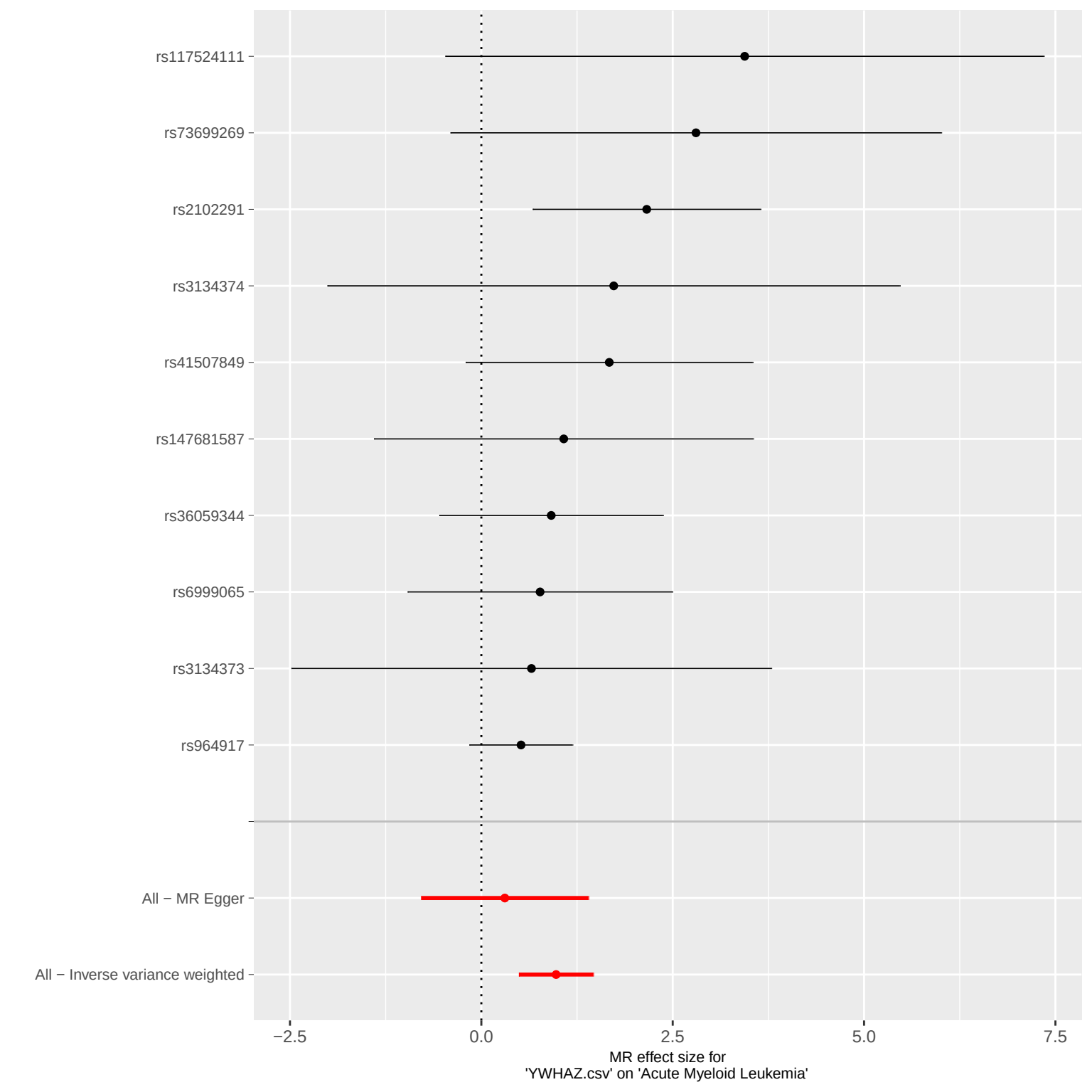
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rs36059344
rs6999065
rs3134373
rs964917
All − MR Egger
All − Inverse variance weighted
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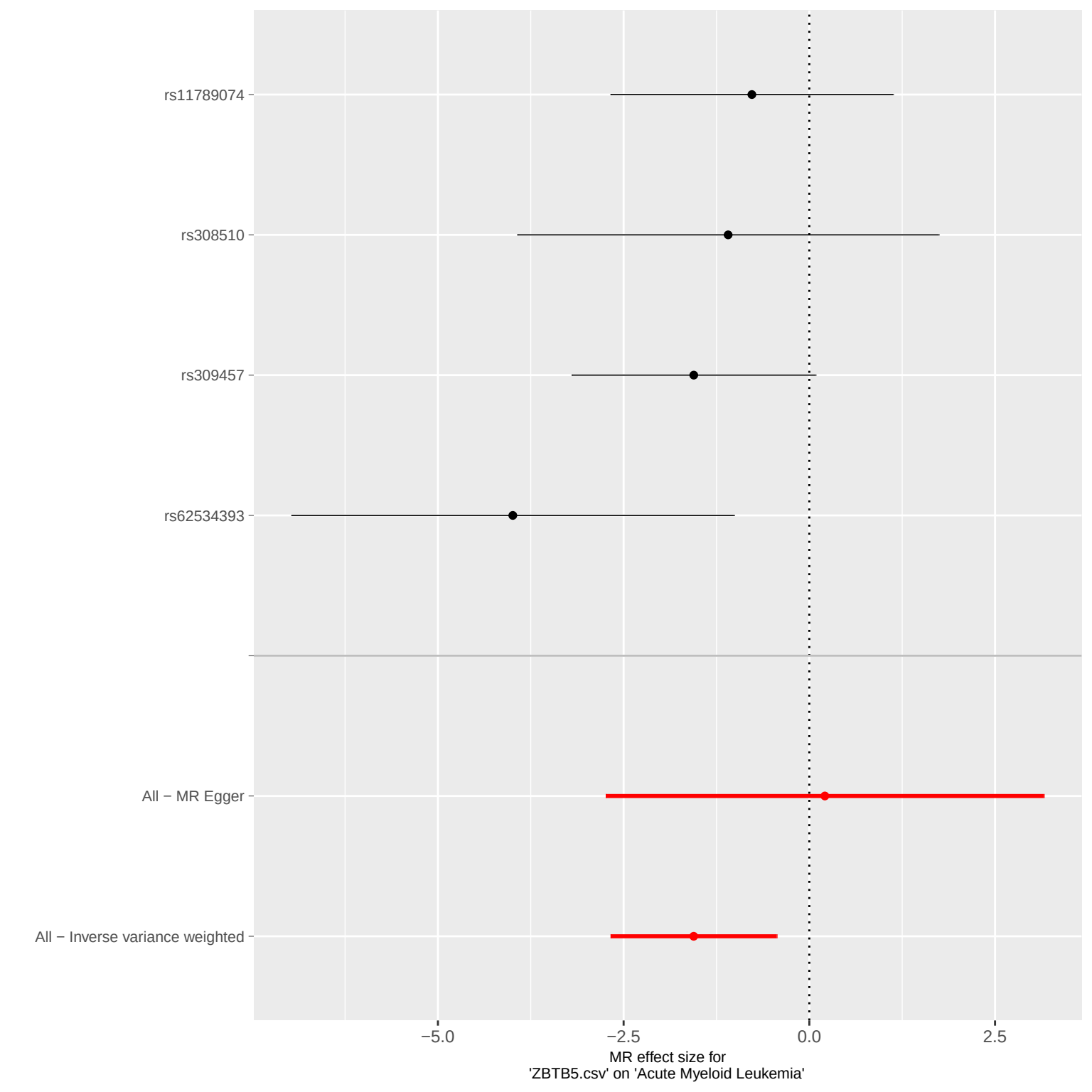
0.0
2.5
5.0
7.5
MR effect size for
'YWHAZ.csv' on 'Acute Myeloid Leukemia'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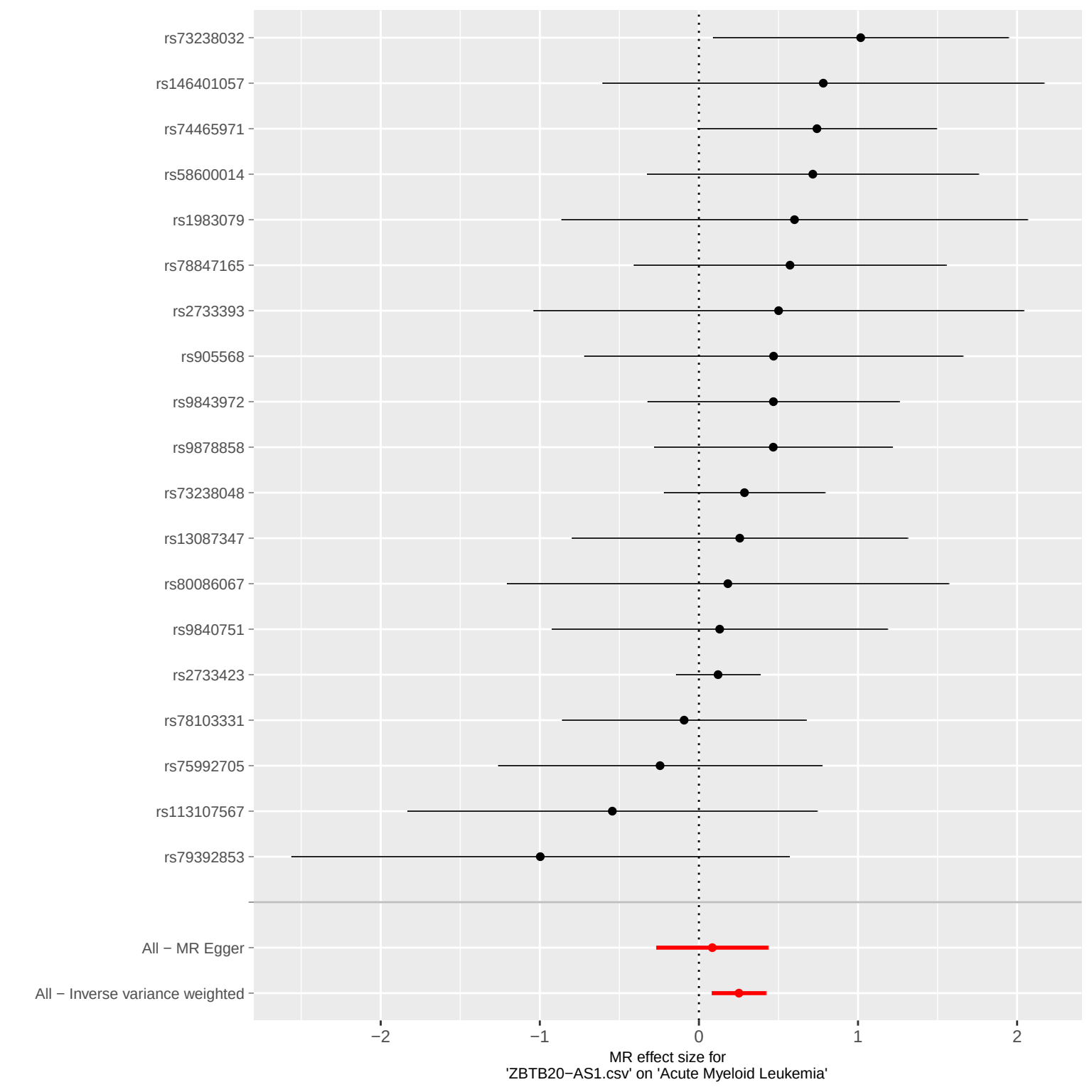
rs308510
rs309457
rs62534393
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ZBTB5.csv' on 'Acute Myeloid Leukemia'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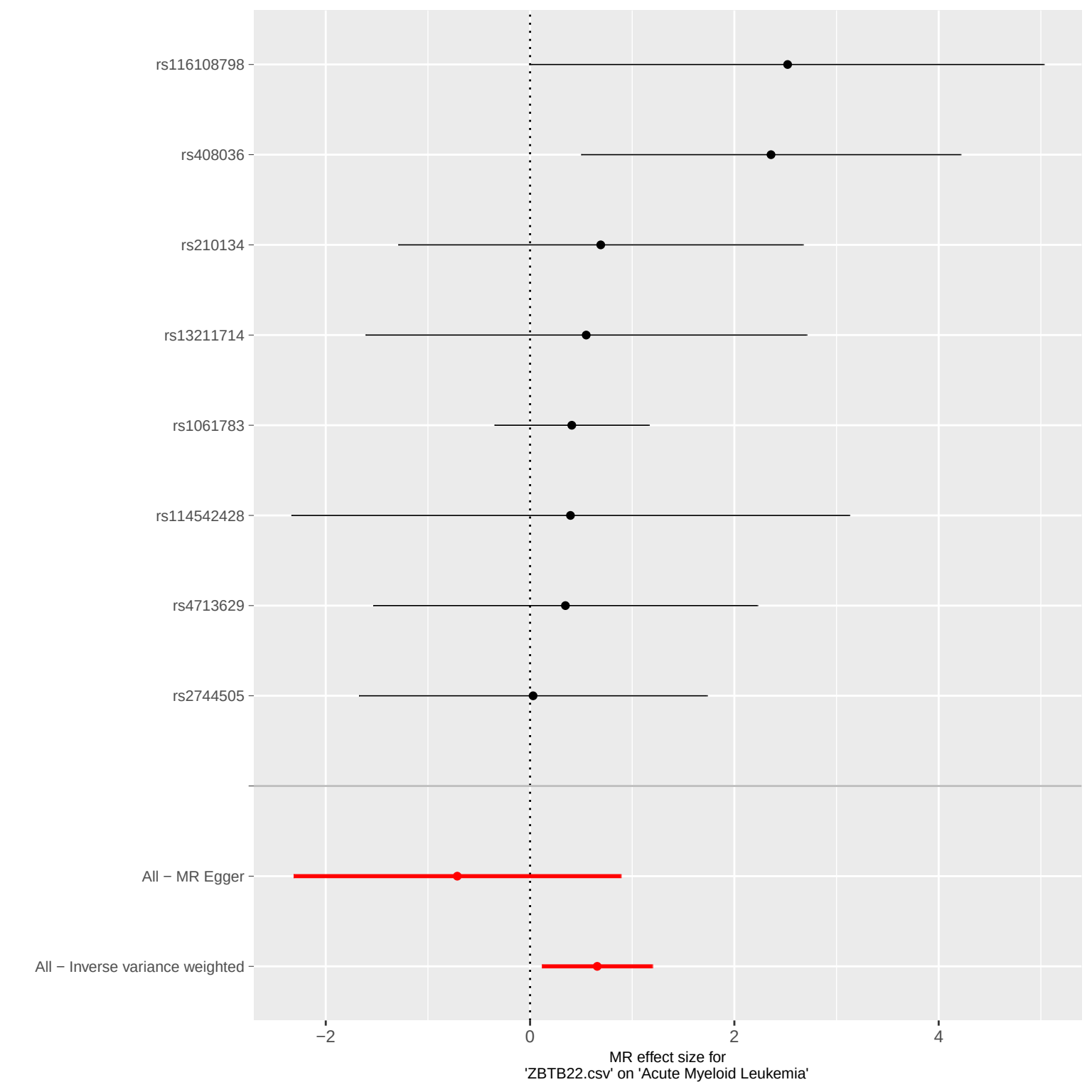
rs13087347
rs80086067
rs9840751
rs2733423
rs78103331
rs75992705
rs113107567
rs79392853
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ZBTB20−AS1.csv' on 'Acute Myeloid Leukemia'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rs210134
rs13211714
rs1061783
rs114542428
rs4713629
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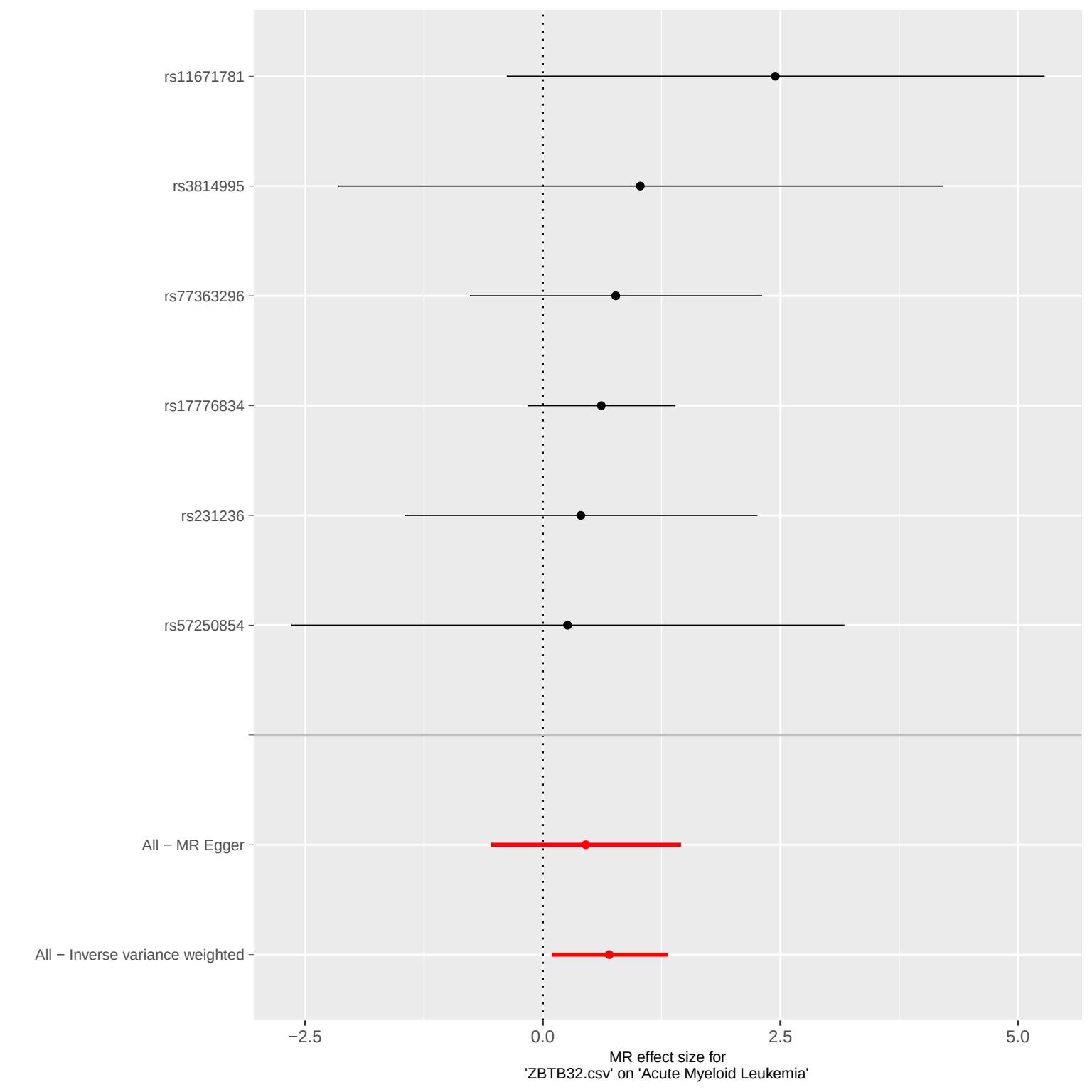
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZBTB22.csv' on 'Acute Myeloid Leukemia'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rs3814995
rs77363296
rs17776834
rs231236
rs57250854
All − MR Egger
All − Inverse variance weighted
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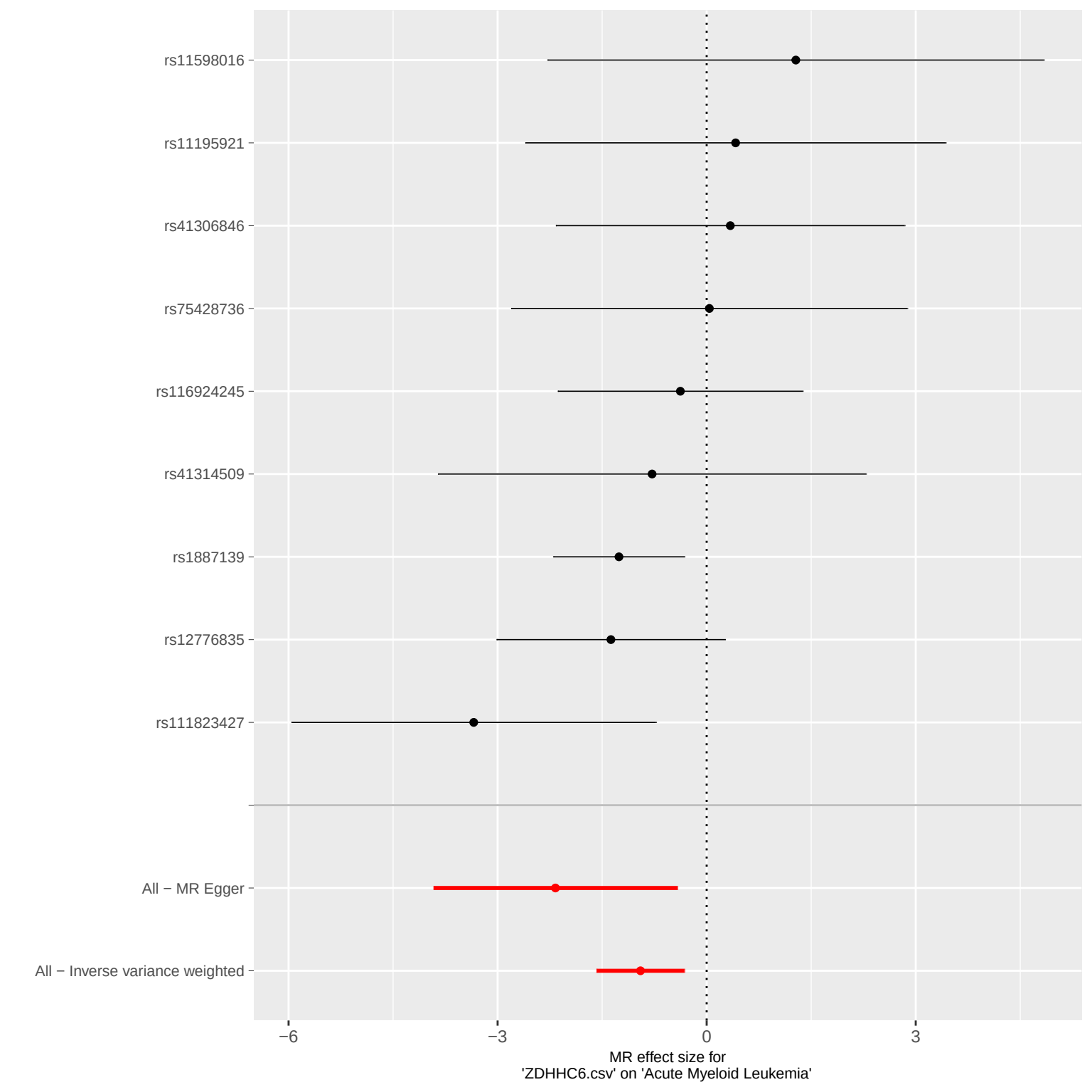
0.0
2.5
5.0
MR effect size for
'ZBTB32.csv' on 'Acute Myeloid Leukemia'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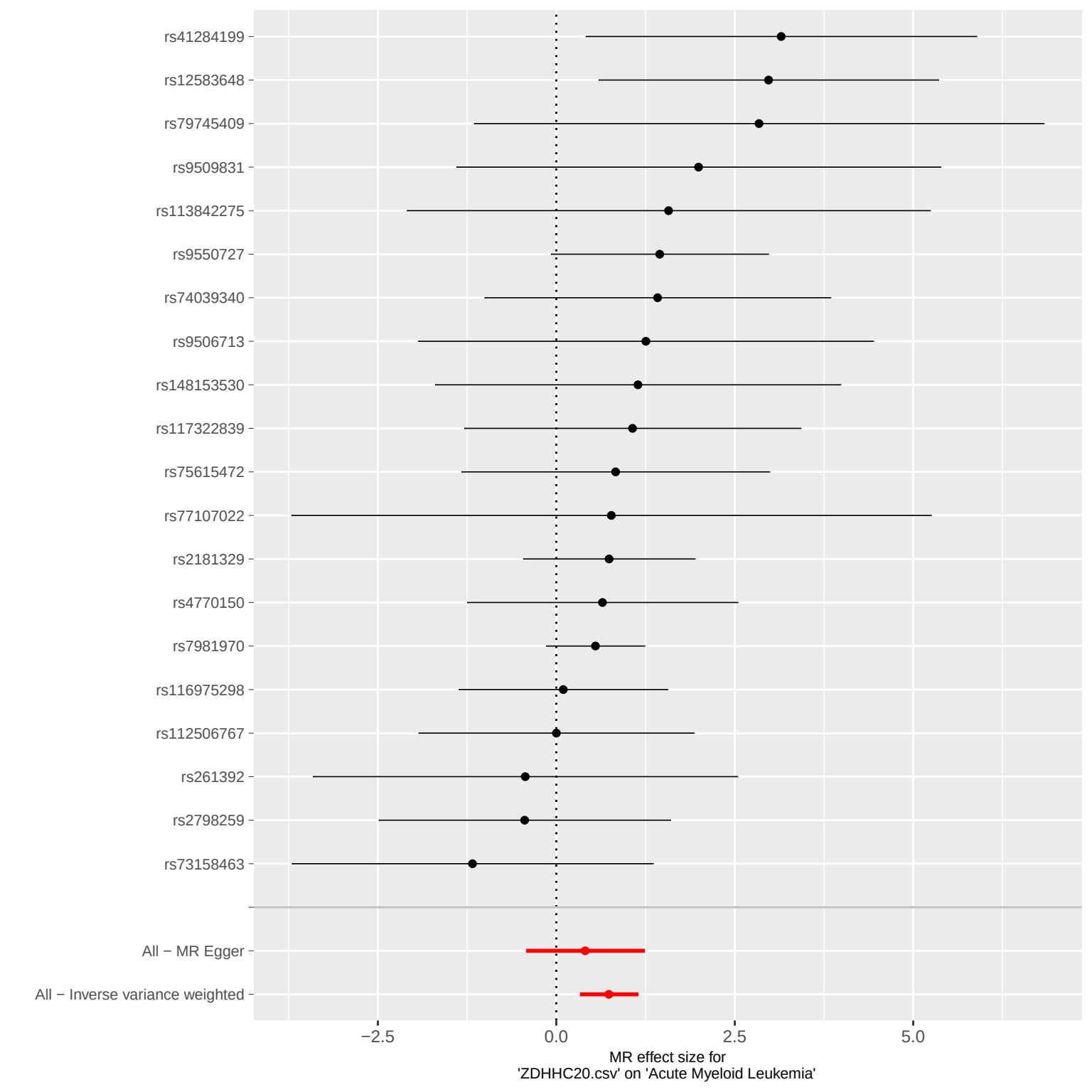
rs11195921
rs41306846
rs75428736
rs116924245
rs41314509
rs1887139
rs12776835
rs111823427
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZDHHC6.csv' on 'Acute Myeloid Leukemia'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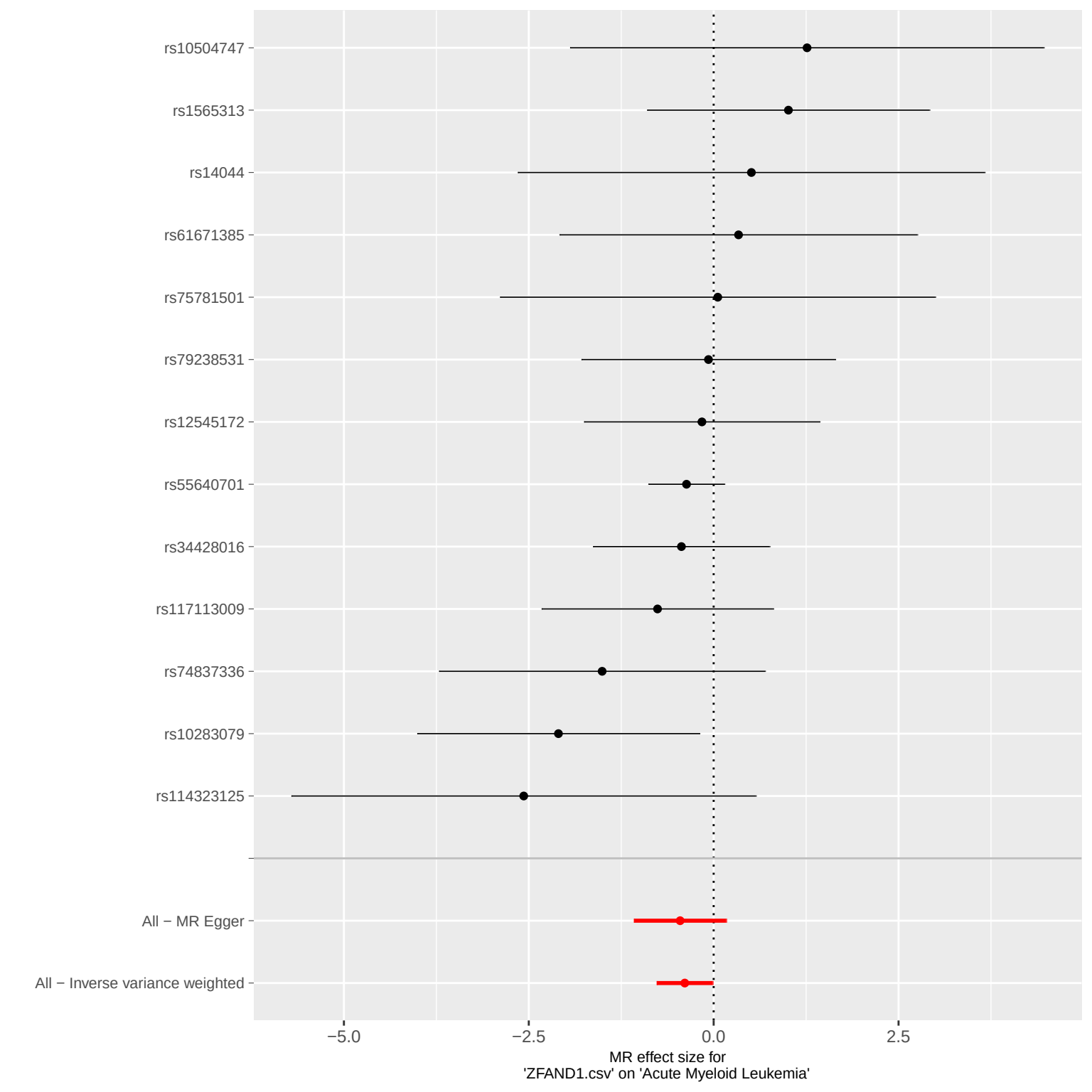
rs112506767
rs261392
rs2798259
rs73158463
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ZDHHC20.csv' on 'Acute Myeloid Leukemia'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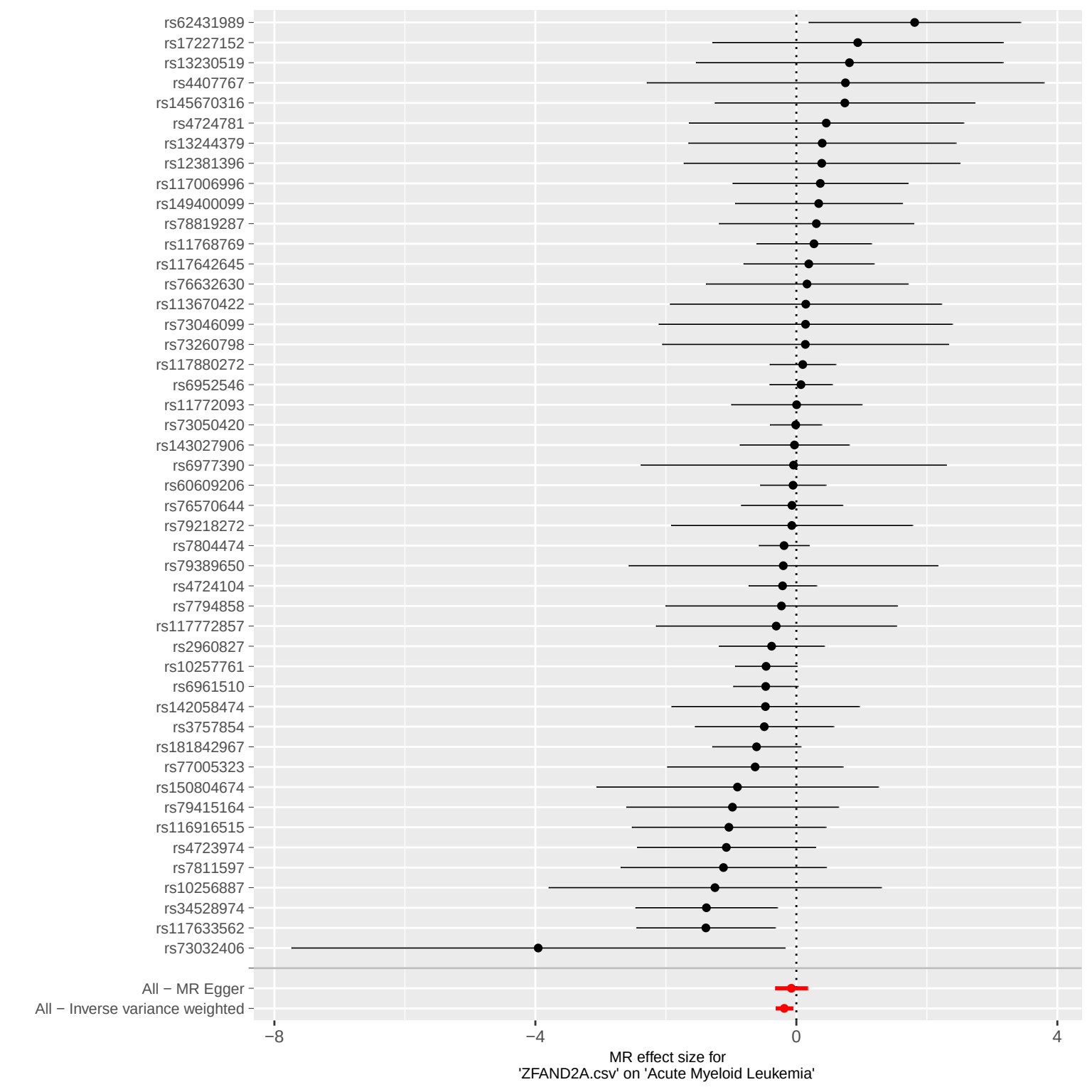
rs74837336
rs10283079
rs114323125
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ZFAND1.csv' on 'Acute Myeloid Leukemia'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rs77005323
rs150804674
rs79415164
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rs4723974
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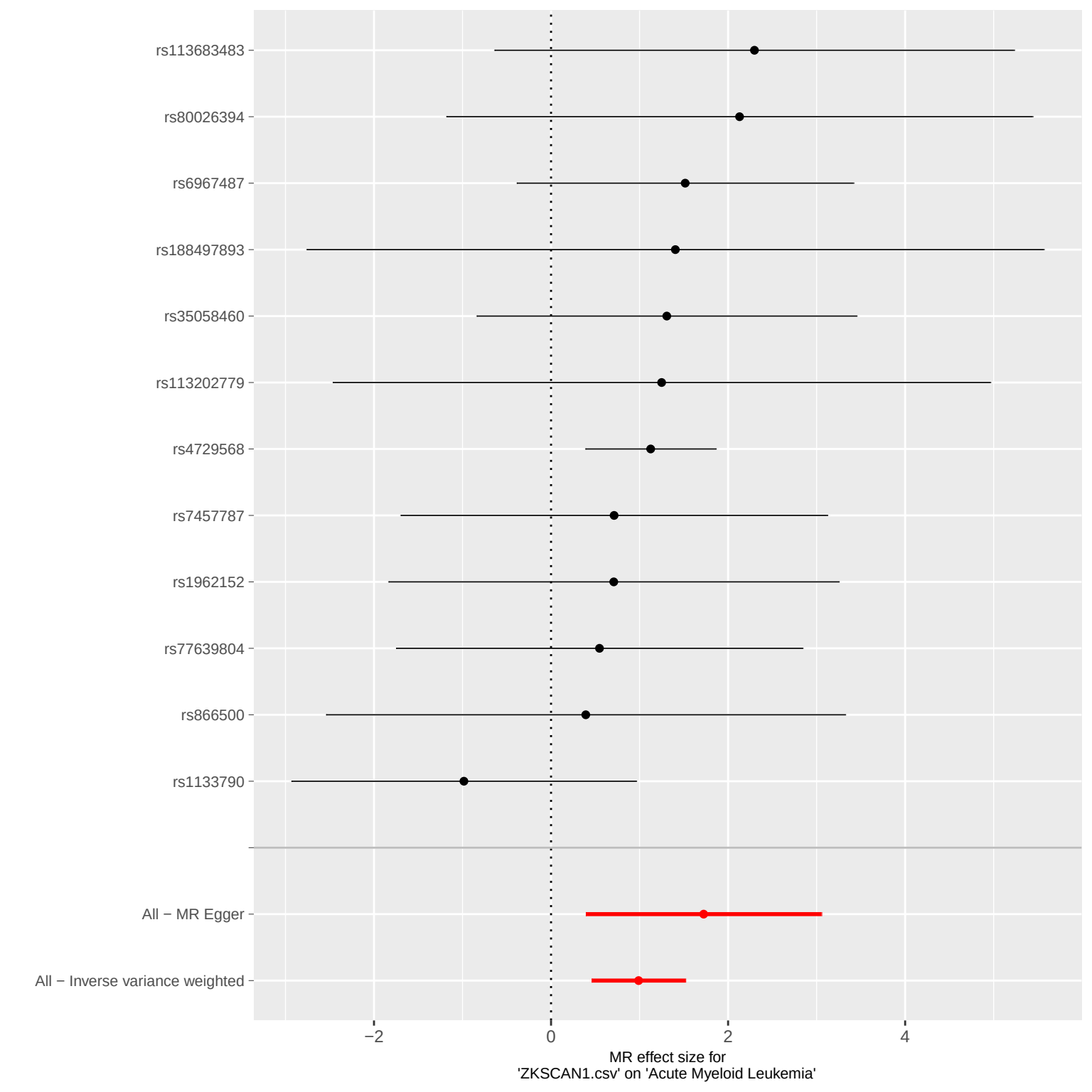
rs34528974
rs117633562
rs73032406
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ZFAND2A.csv' on 'Acute Myeloid Leukemia'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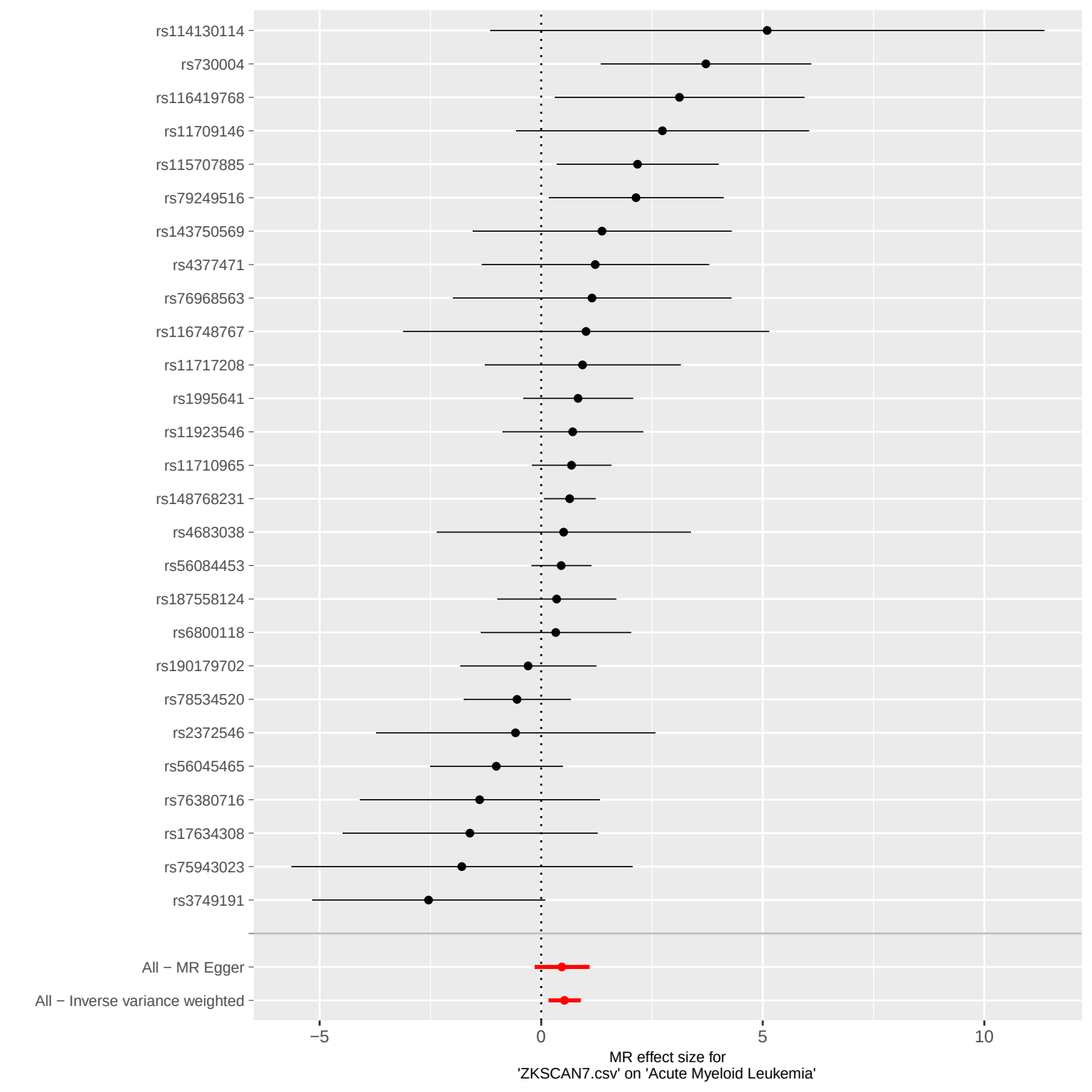
rs80026394
rs6967487
rs188497893
rs35058460
rs113202779
rs4729568
rs7457787
rs1962152
rs77639804
rs866500
rs1133790
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZKSCAN1.csv' on 'Acute Myeloid Leukemia'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rs115707885
rs79249516
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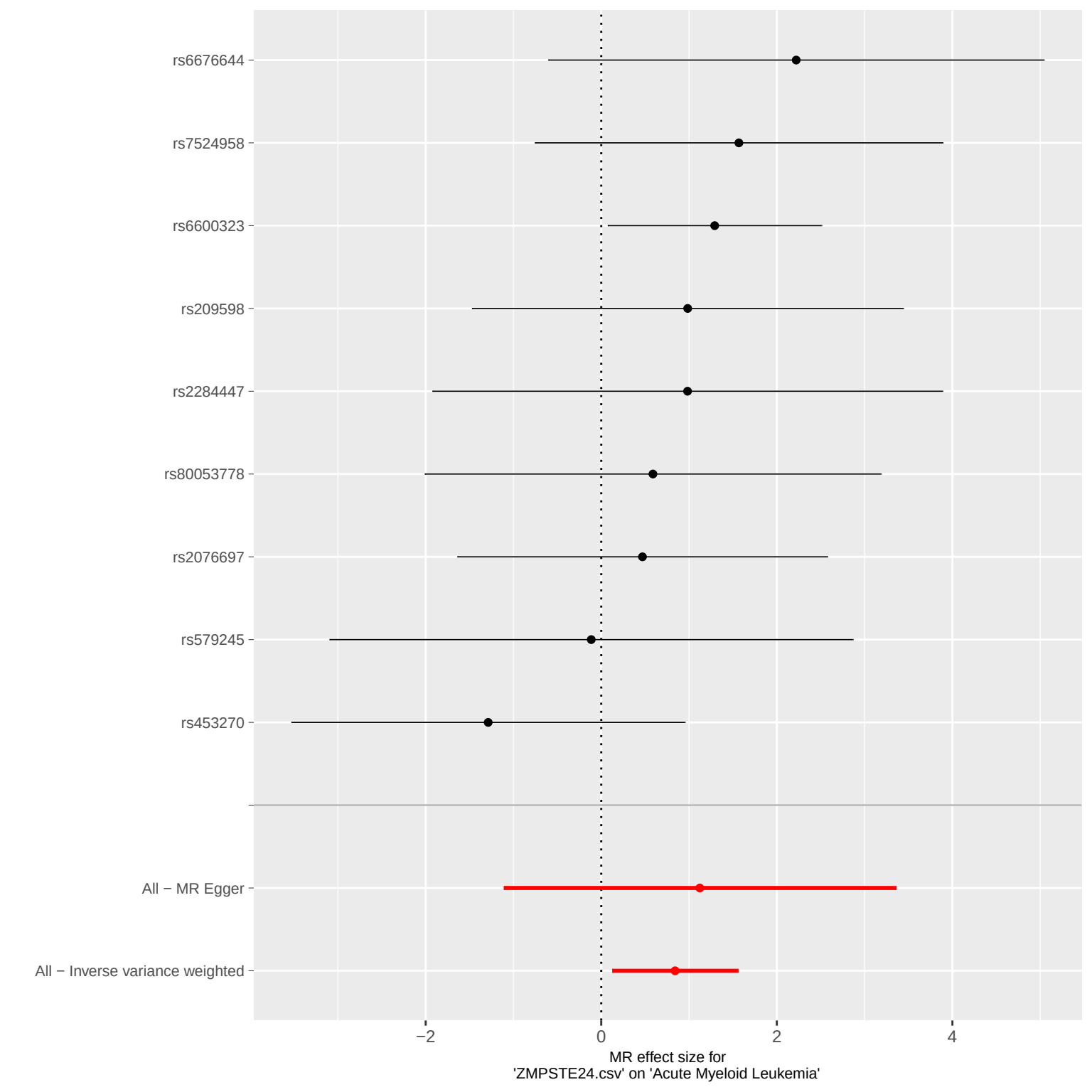
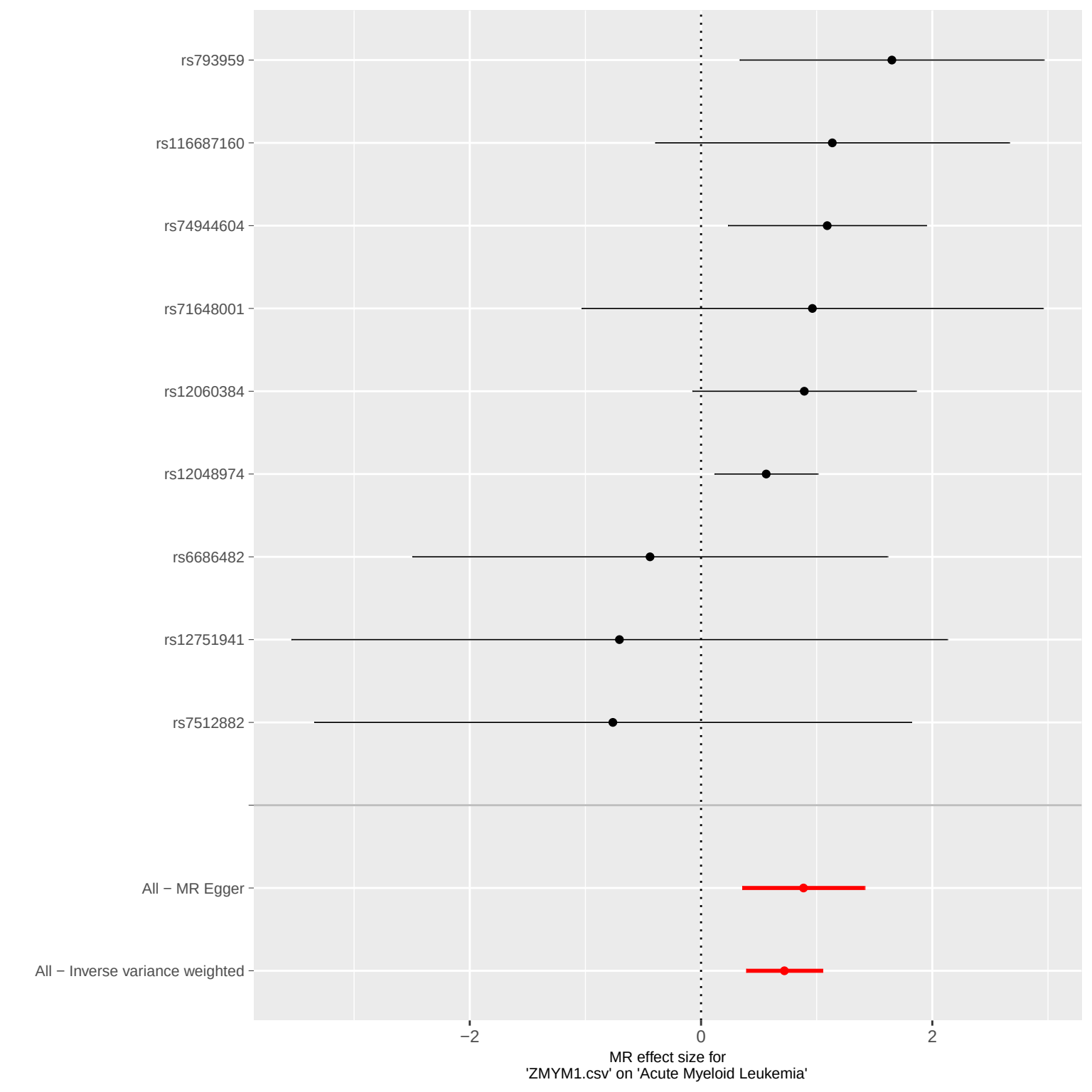
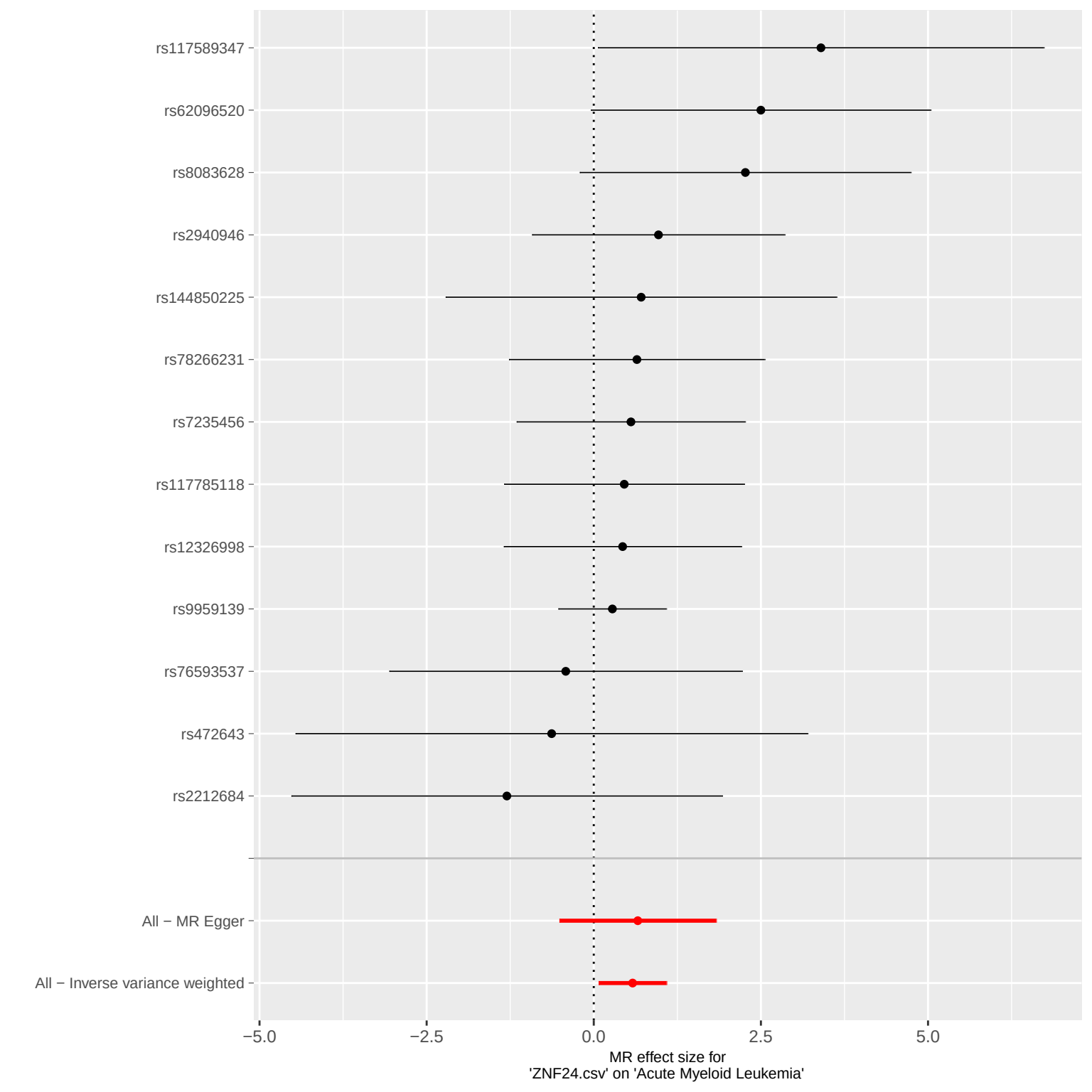
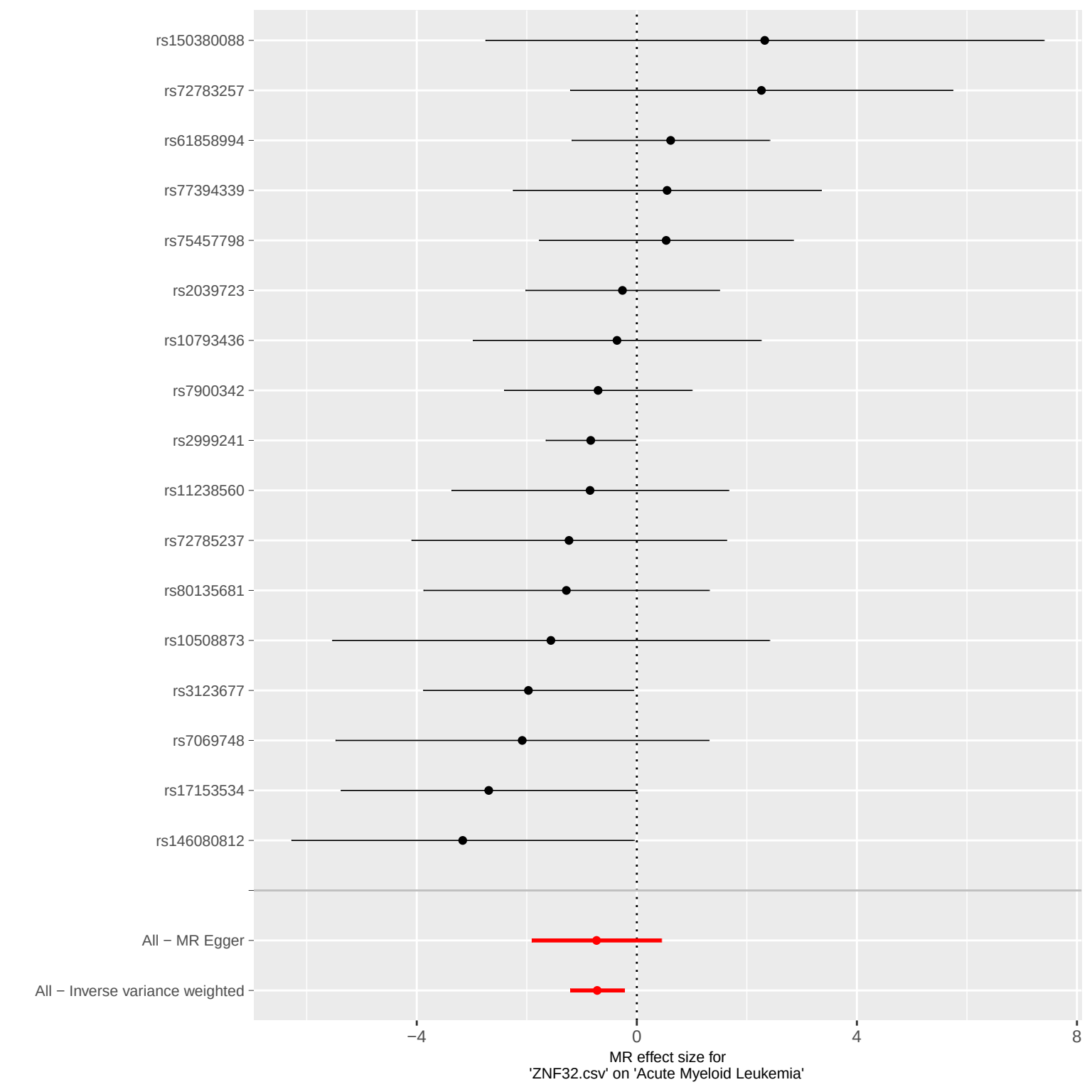
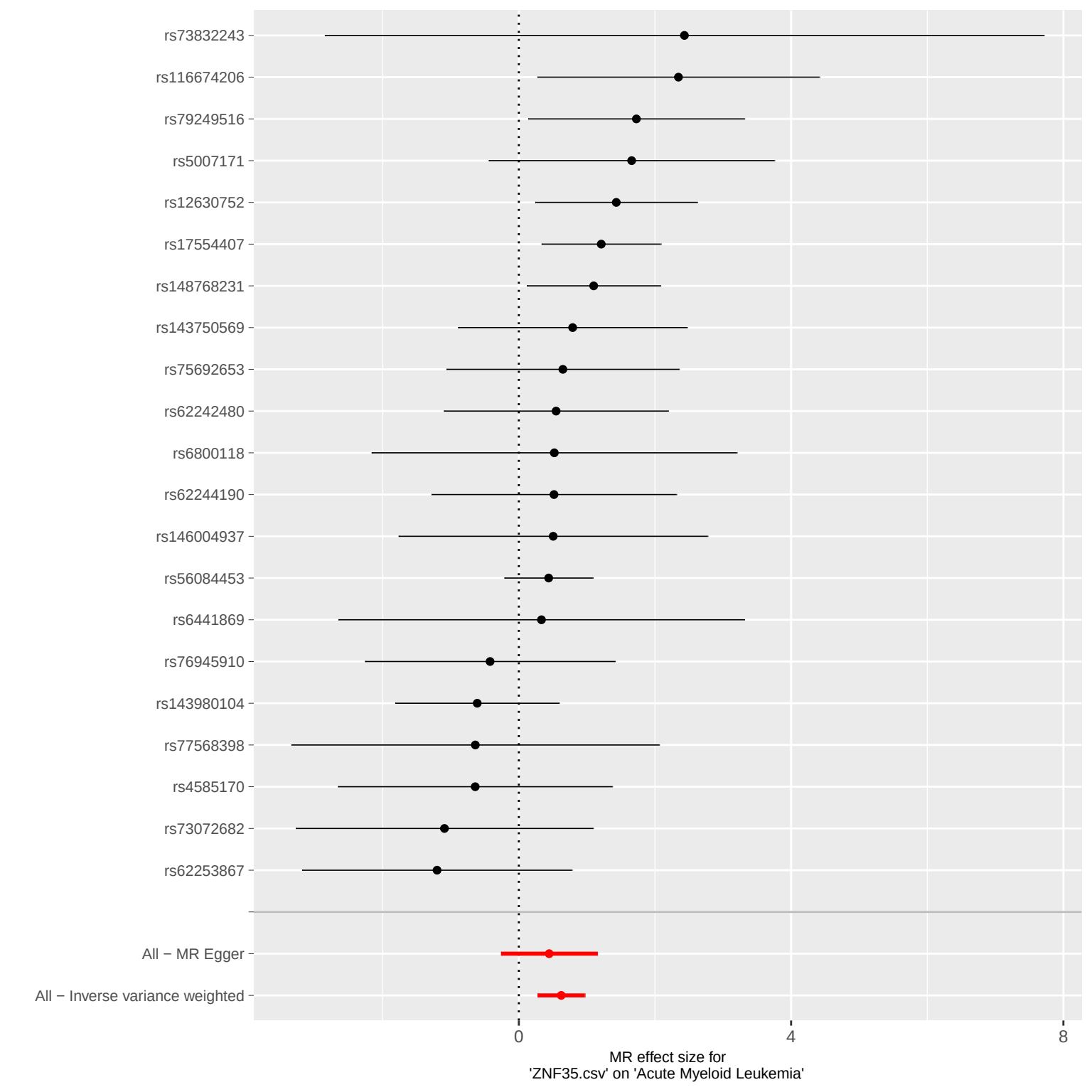
rs4377471
rs76968563
rs116748767
rs11717208
rs1995641
rs11923546
rs11710965
rs148768231
rs4683038
rs56084453
rs187558124
rs6800118
rs190179702
rs78534520
rs2372546
rs56045465
rs76380716
rs17634308
rs75943023
rs3749191
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ZKSCAN7.csv' on 'Acute Myeloid Leukemia'


rs6676644
rs7524958
rs6600323
rs209598
rs2284447
rs80053778
rs2076697
rs579245
rs453270
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZMPSTE24.csv' on 'Acute Myeloid Leukemia'


rs793959
rs116687160
rs74944604
rs71648001
rs12060384
rs12048974
rs6686482
rs12751941
rs7512882
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZMYM1.csv' on 'Acute Myeloid Leukemia'


rs117589347
rs62096520
rs8083628
rs2940946
rs144850225
rs78266231
rs7235456
rs117785118
rs12326998
rs9959139
rs76593537
rs472643
rs2212684
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF24.csv' on 'Acute Myeloid Leukemia'


rs150380088
rs72783257
rs61858994
rs77394339
rs75457798
rs2039723
rs10793436
rs7900342
rs2999241
rs11238560
rs72785237
rs80135681
rs10508873
rs3123677
rs7069748
rs17153534
rs146080812
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'ZNF32.csv' on 'Acute Myeloid Leukemia'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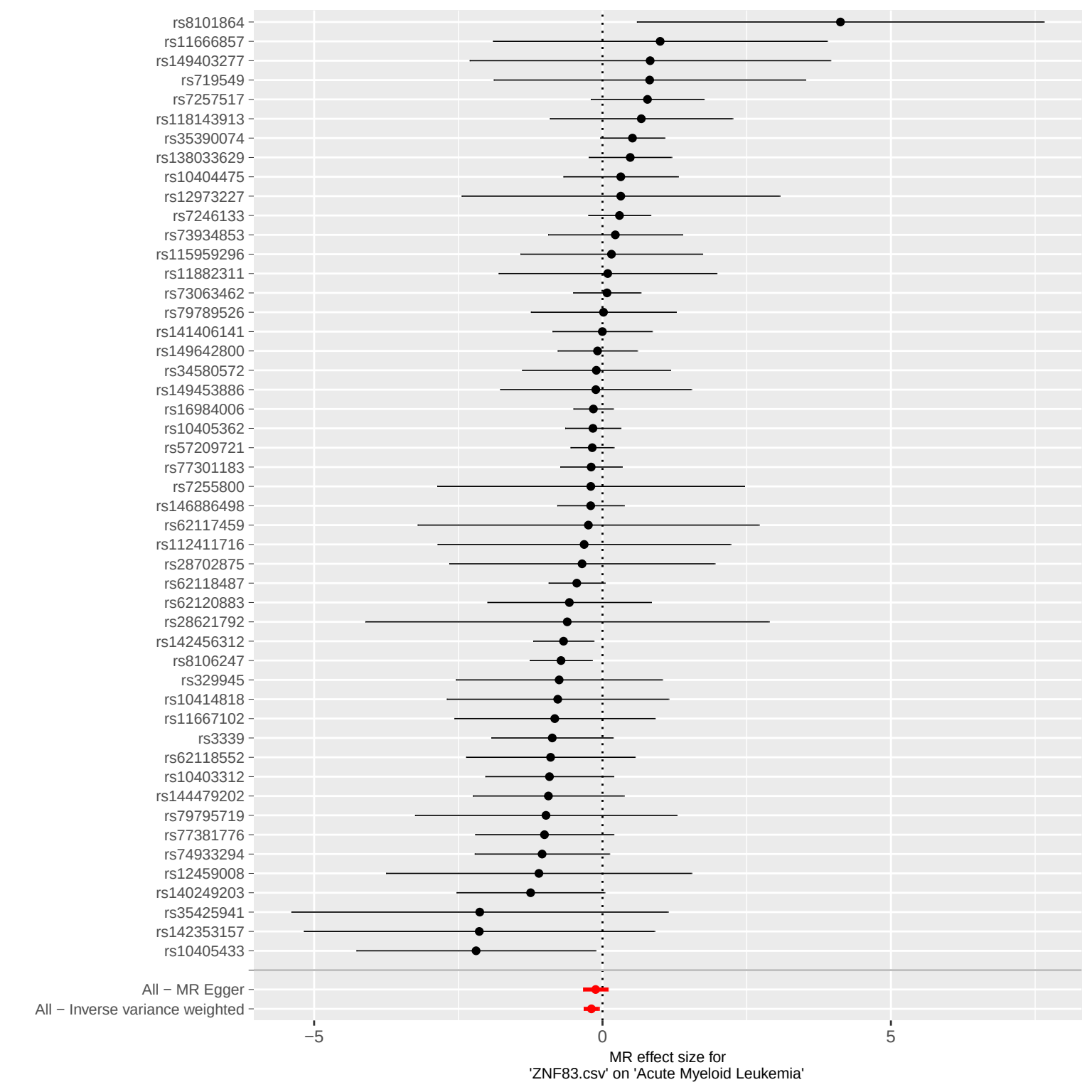
rs79249516
rs5007171
rs12630752
rs17554407
rs148768231
rs143750569
rs75692653
rs62242480
rs6800118
rs62244190
rs146004937
rs56084453
rs6441869
rs76945910
rs143980104
rs77568398
rs4585170
rs73072682
rs62253867
All − MR Egger
All − Inverse variance weighted
0
4
8
MR effect size for
'ZNF35.csv' on 'Acute Myeloid Leukemia'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rs7257517
rs118143913
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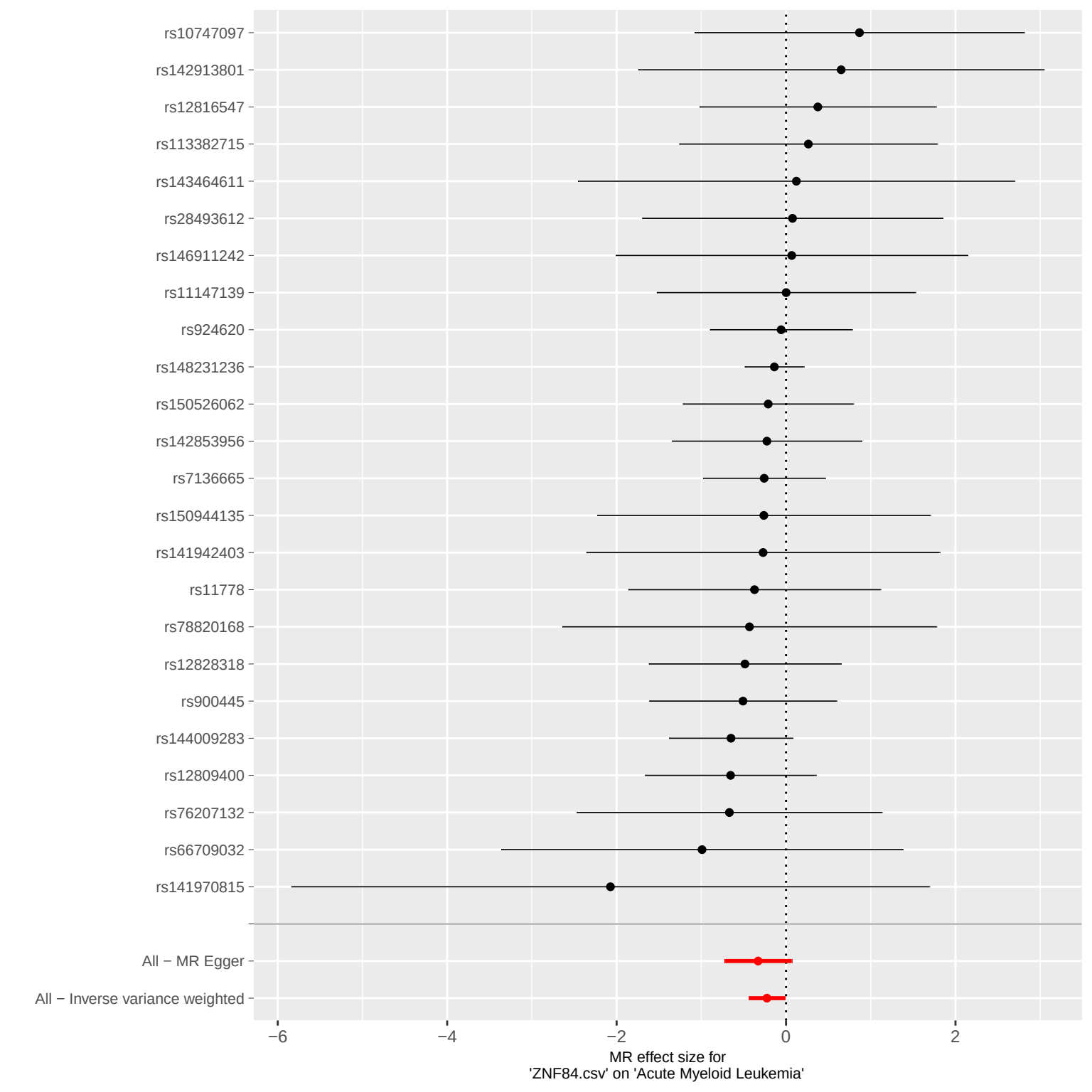
rs138033629
rs10404475
rs12973227
rs7246133
rs73934853
rs115959296
rs11882311
rs73063462
rs79789526
rs141406141
rs149642800
rs34580572
rs149453886
rs16984006
rs10405362
rs57209721
rs77301183
rs7255800
rs146886498
rs62117459
rs112411716
rs28702875
rs62118487
rs62120883
rs28621792
rs142456312
rs8106247
rs329945
rs10414818
rs11667102
rs3339
rs62118552
rs10403312
rs144479202
rs79795719
rs77381776
rs74933294
rs12459008
rs140249203
rs35425941
rs142353157
rs10405433
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF83.csv' on 'Acute Myeloid Leukemia'


rs10747097
rs142913801
rs12816547
rs113382715
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rs11147139
rs924620
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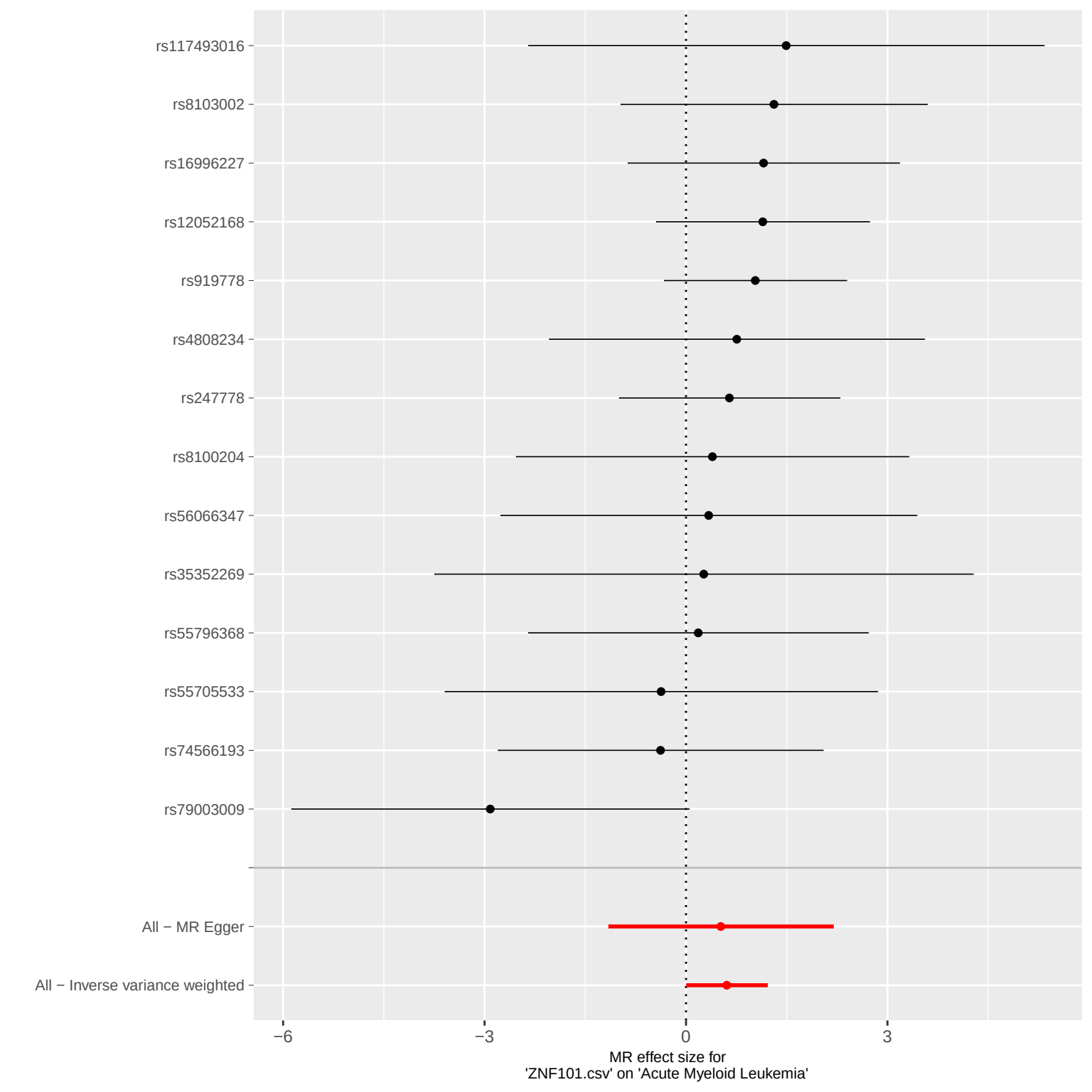
rs150526062
rs142853956
rs7136665
rs150944135
rs141942403
rs11778
rs78820168
rs12828318
rs900445
rs144009283
rs12809400
rs76207132
rs66709032
rs141970815
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ZNF84.csv' on 'Acute Myeloid Leukemia'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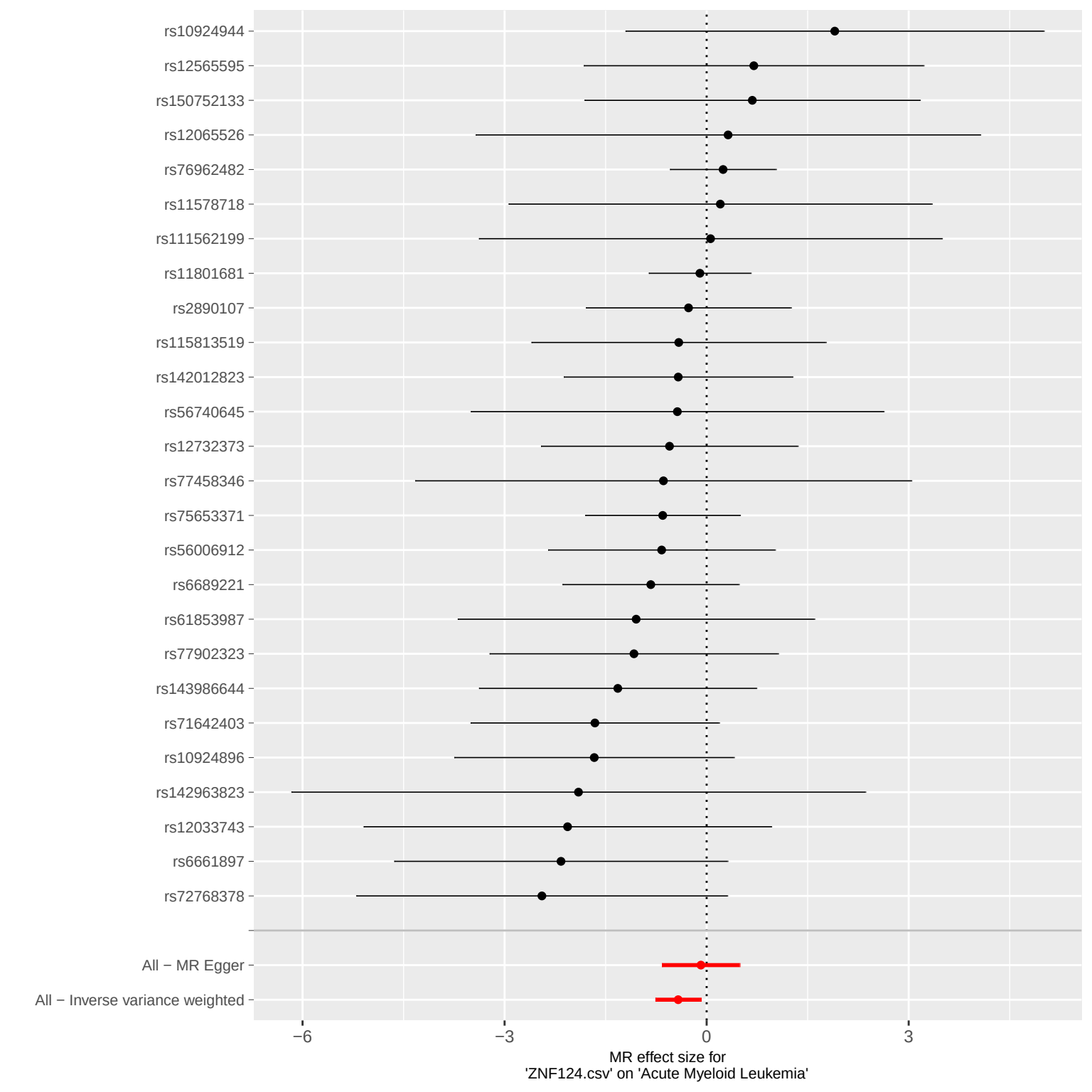
rs8103002
rs16996227
rs12052168
rs919778
rs4808234
rs247778
rs8100204
rs56066347
rs35352269
rs55796368
rs55705533
rs74566193
rs79003009
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZNF101.csv' on 'Acute Myeloid Leukemia'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rs11578718
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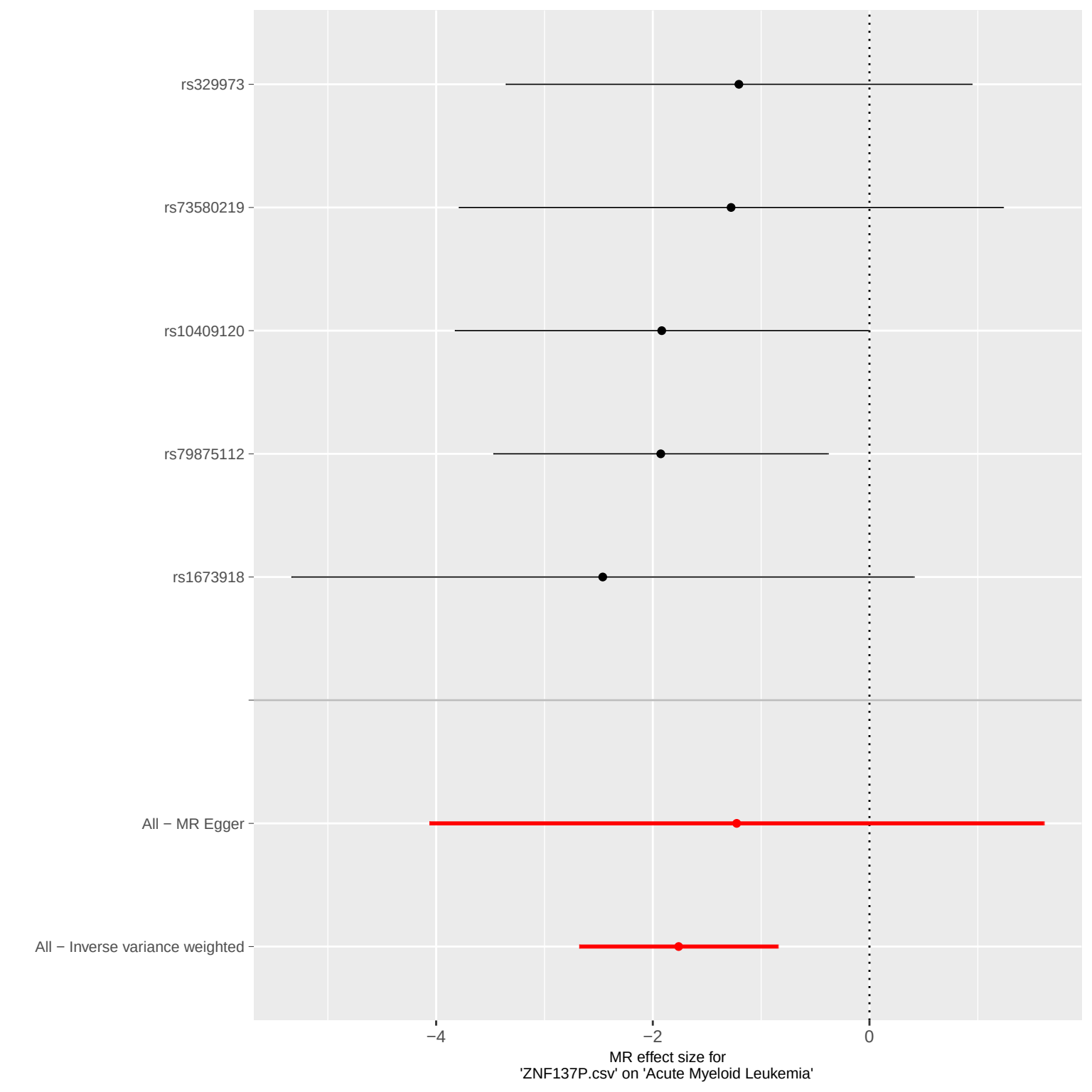
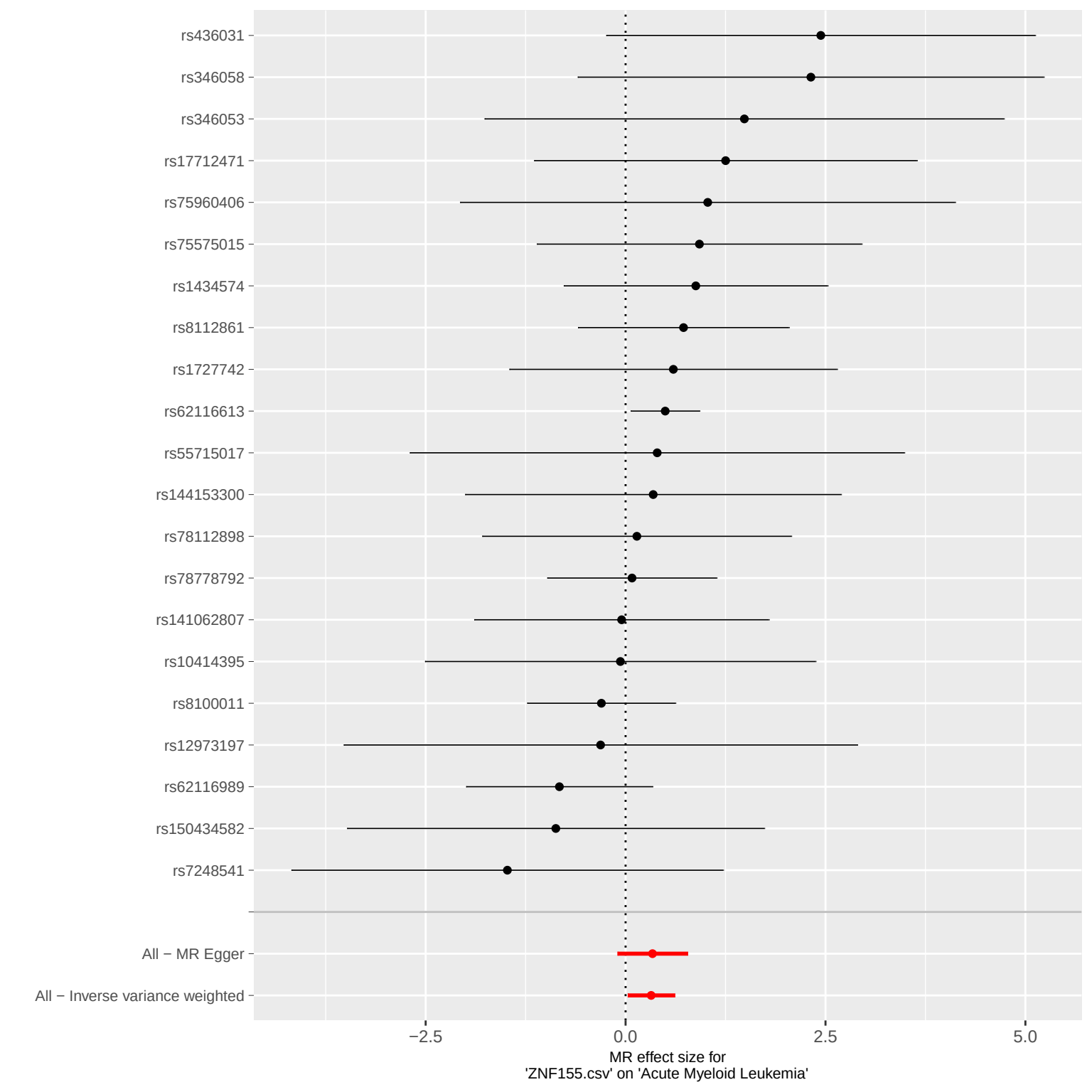
rs142012823
rs56740645
rs12732373
rs77458346
rs75653371
rs56006912
rs6689221
rs61853987
rs77902323
rs143986644
rs71642403
rs10924896
rs142963823
rs12033743
rs6661897
rs72768378
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZNF124.csv' on 'Acute Myeloid Leukemia'


rs329973
rs73580219
rs10409120
rs79875112
rs1673918
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'ZNF137P.csv' on 'Acute Myeloid Leukemia'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rs75960406
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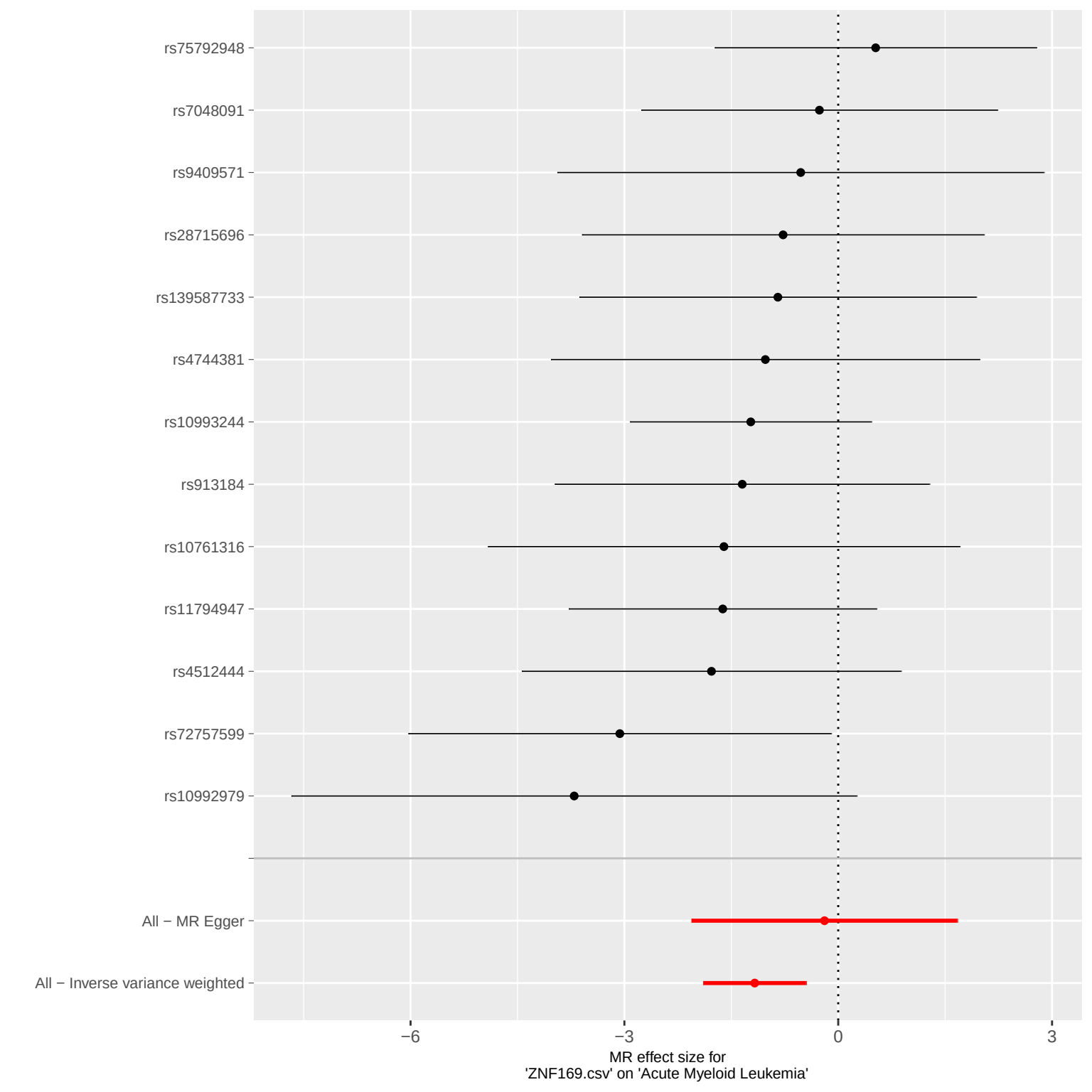
rs55715017
rs144153300
rs78112898
rs78778792
rs141062807
rs10414395
rs8100011
rs12973197
rs62116989
rs150434582
rs7248541
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF155.csv' on 'Acute Myeloid Leukemia'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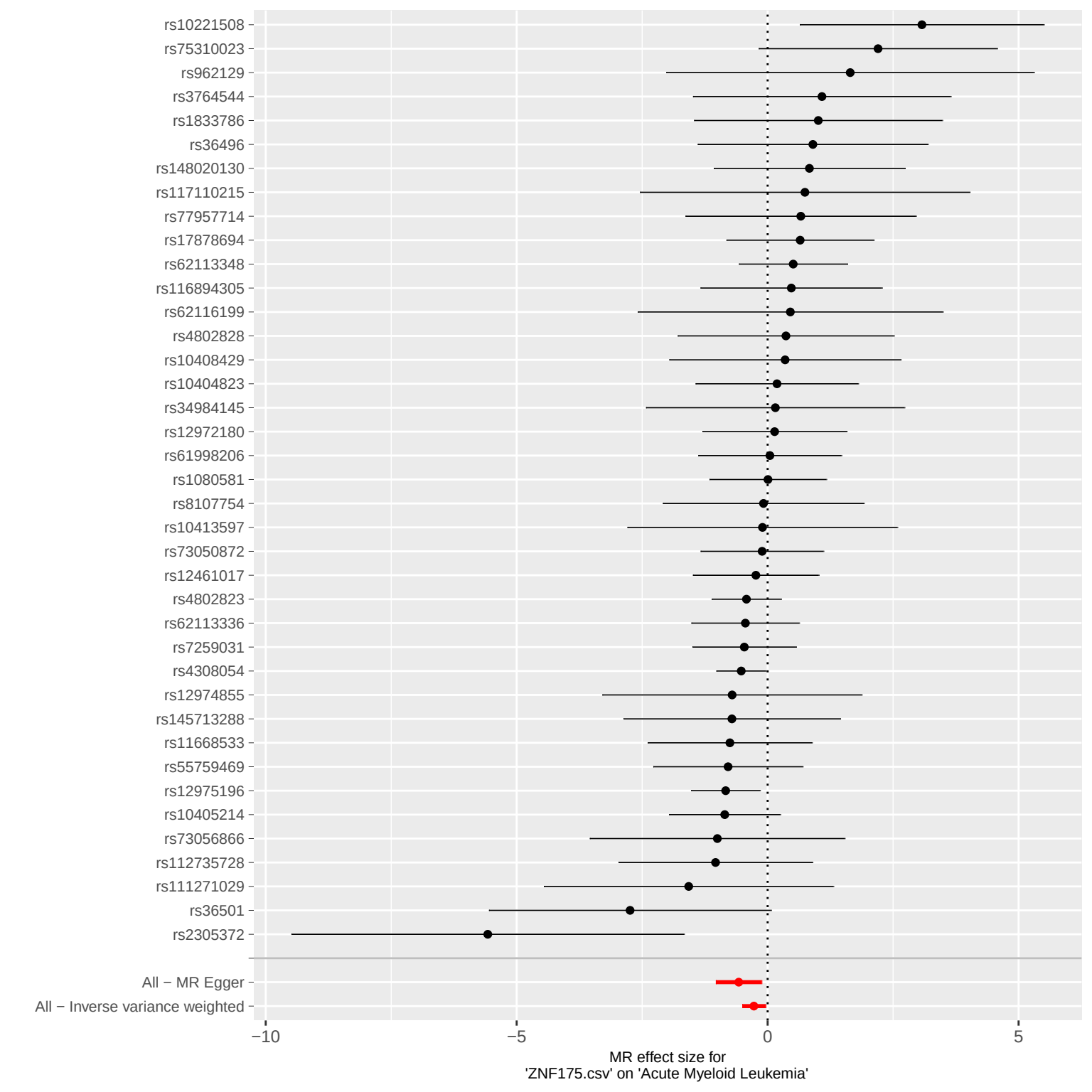
rs4744381
rs10993244
rs913184
rs10761316
rs11794947
rs4512444
rs72757599
rs10992979
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZNF169.csv' on 'Acute Myeloid Leukemia'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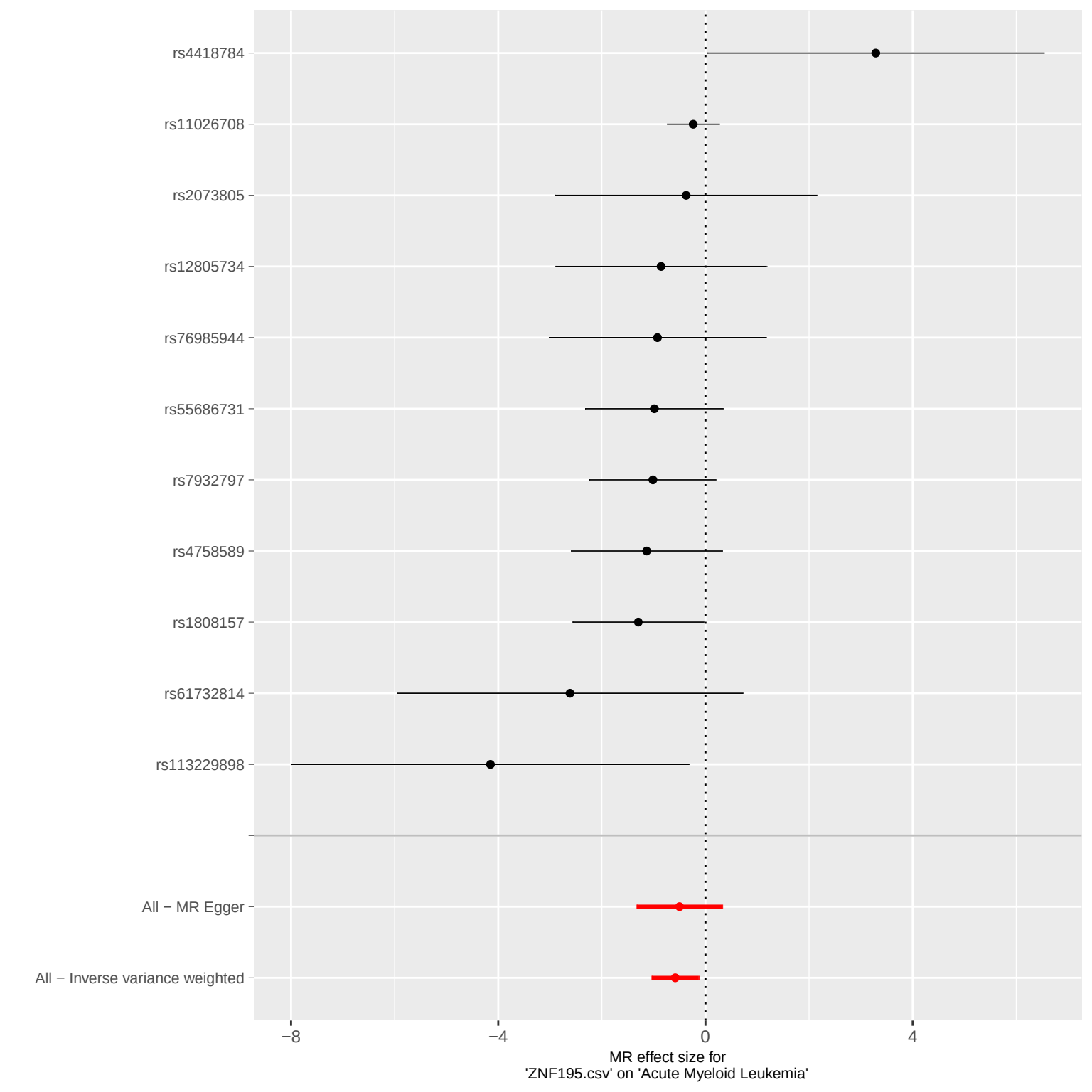
rs10408429
rs10404823
rs34984145
rs12972180
rs61998206
rs1080581
rs8107754
rs10413597
rs73050872
rs12461017
rs4802823
rs62113336
rs7259031
rs4308054
rs12974855
rs145713288
rs11668533
rs55759469
rs12975196
rs10405214
rs73056866
rs112735728
rs111271029
rs36501
rs2305372
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ZNF175.csv' on 'Acute Myeloid Leukemia'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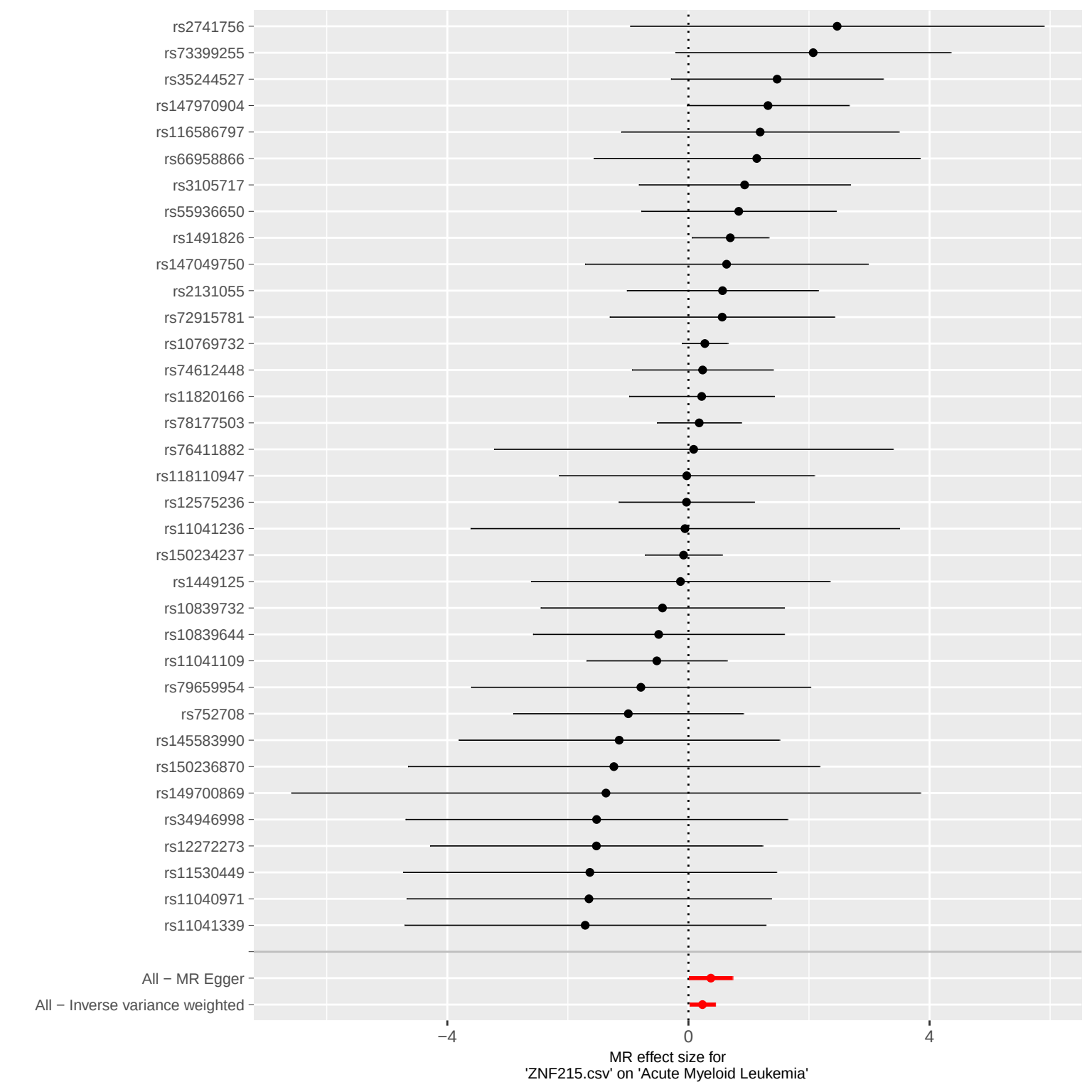
rs11026708
rs2073805
rs12805734
rs76985944
rs55686731
rs7932797
rs4758589
rs1808157
rs61732814
rs113229898
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ZNF195.csv' on 'Acute Myeloid Leukemia'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rs1491826
rs147049750
rs2131055
rs72915781
rs10769732
rs74612448
rs11820166
rs78177503
rs76411882
rs118110947
rs12575236
rs11041236
rs150234237
rs1449125
rs10839732
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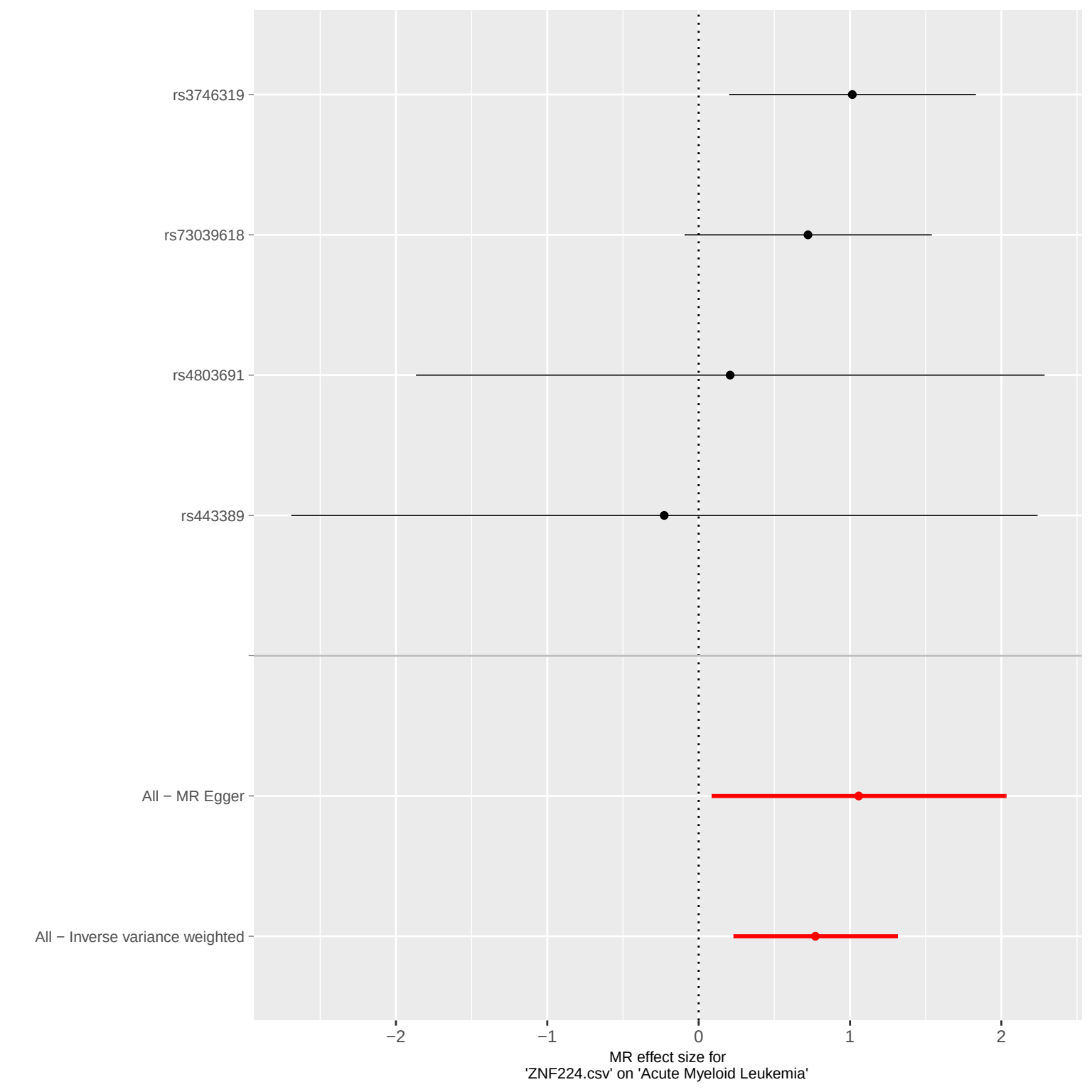
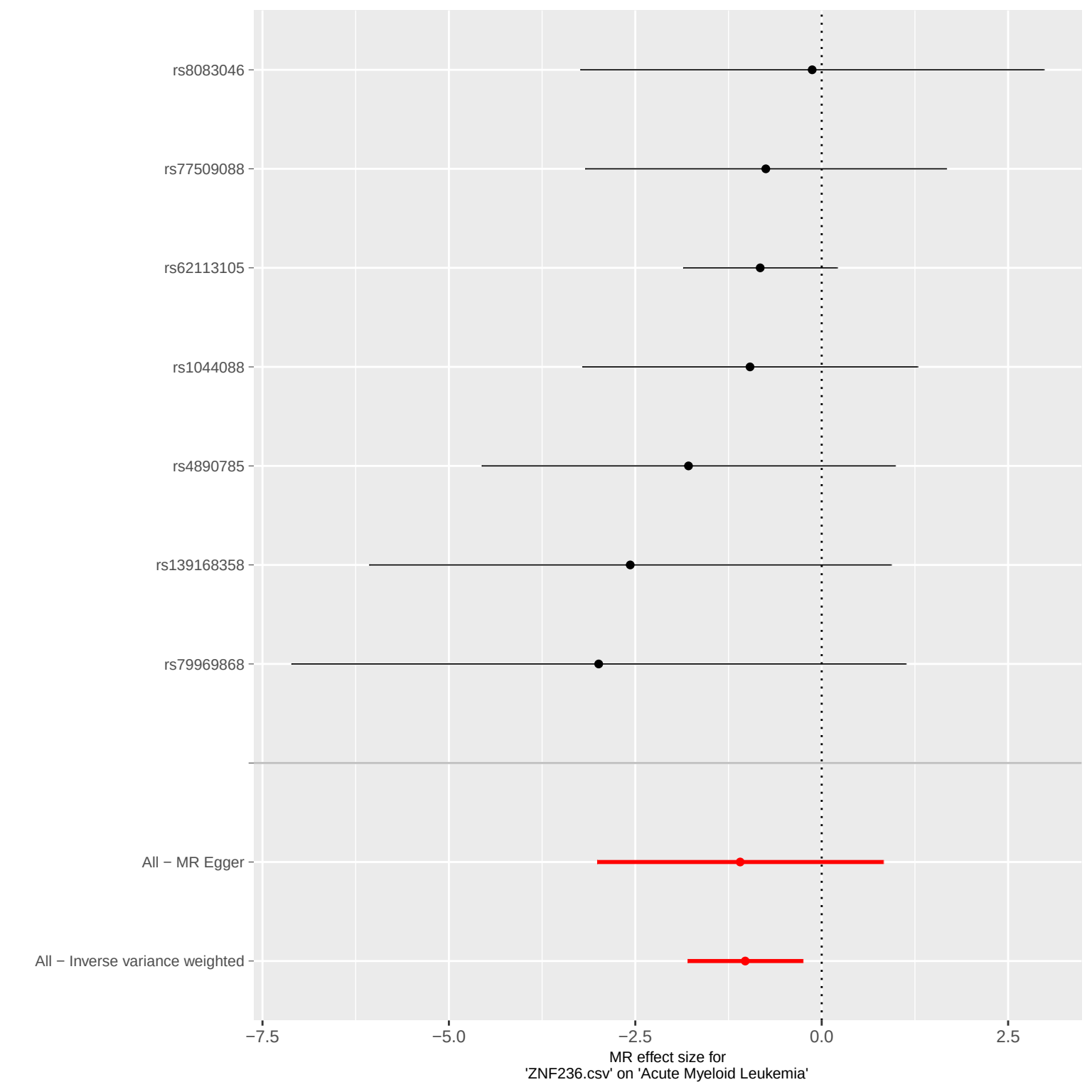
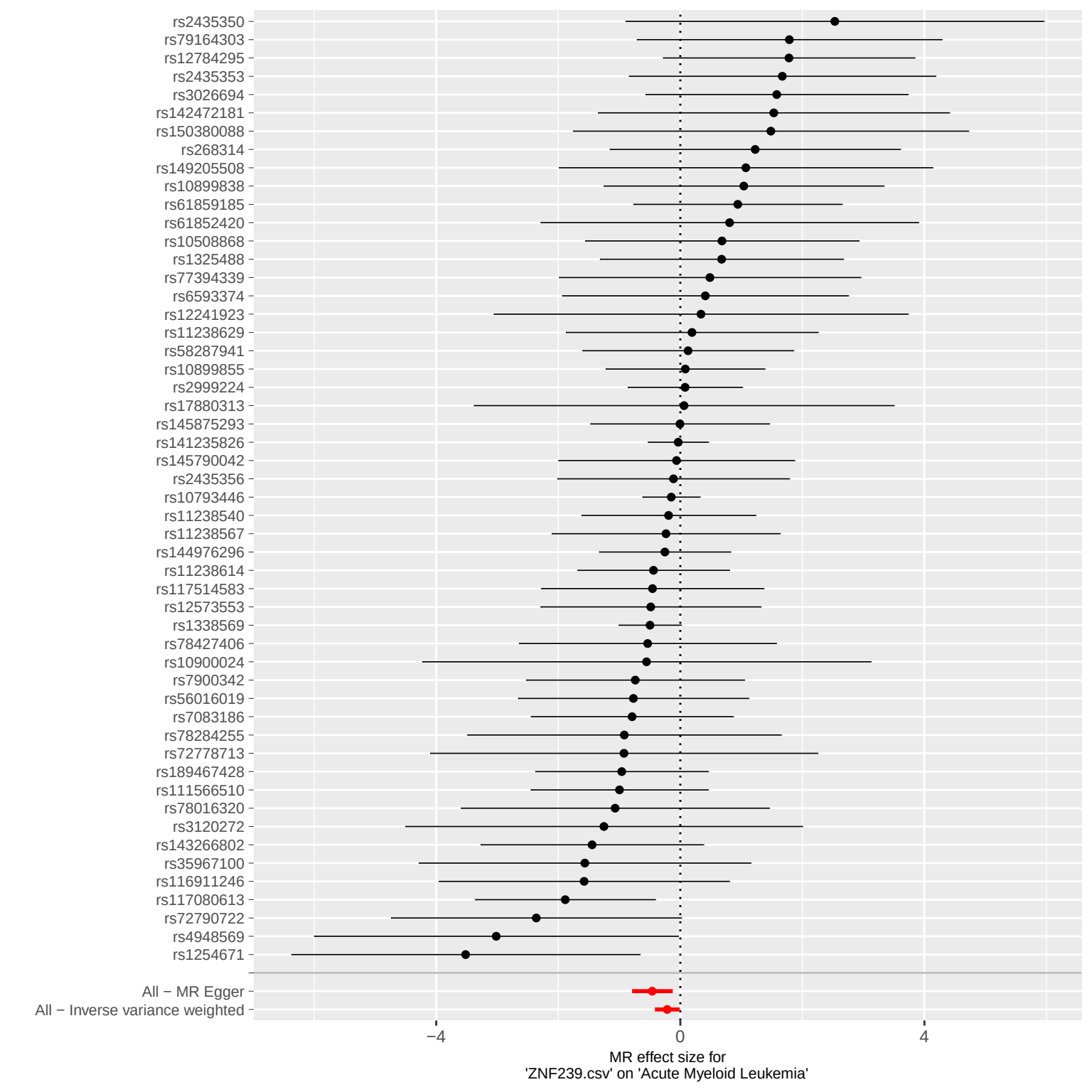
rs11041109
rs79659954
rs752708
rs145583990
rs150236870
rs149700869
rs34946998
rs12272273
rs11530449
rs11040971
rs11041339
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF215.csv' on 'Acute Myeloid Leukemia'


rs3746319
rs73039618
rs4803691
rs443389
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ZNF224.csv' on 'Acute Myeloid Leukemia'


rs8083046
rs77509088
rs62113105
rs1044088
rs4890785
rs139168358
rs79969868
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF236.csv' on 'Acute Myeloid Leukemia'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rs10899838
rs61859185
rs61852420
rs10508868
rs1325488
rs77394339
rs6593374
rs12241923
rs11238629
rs58287941
rs10899855
rs2999224
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rs145875293
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rs111566510
rs78016320
rs3120272
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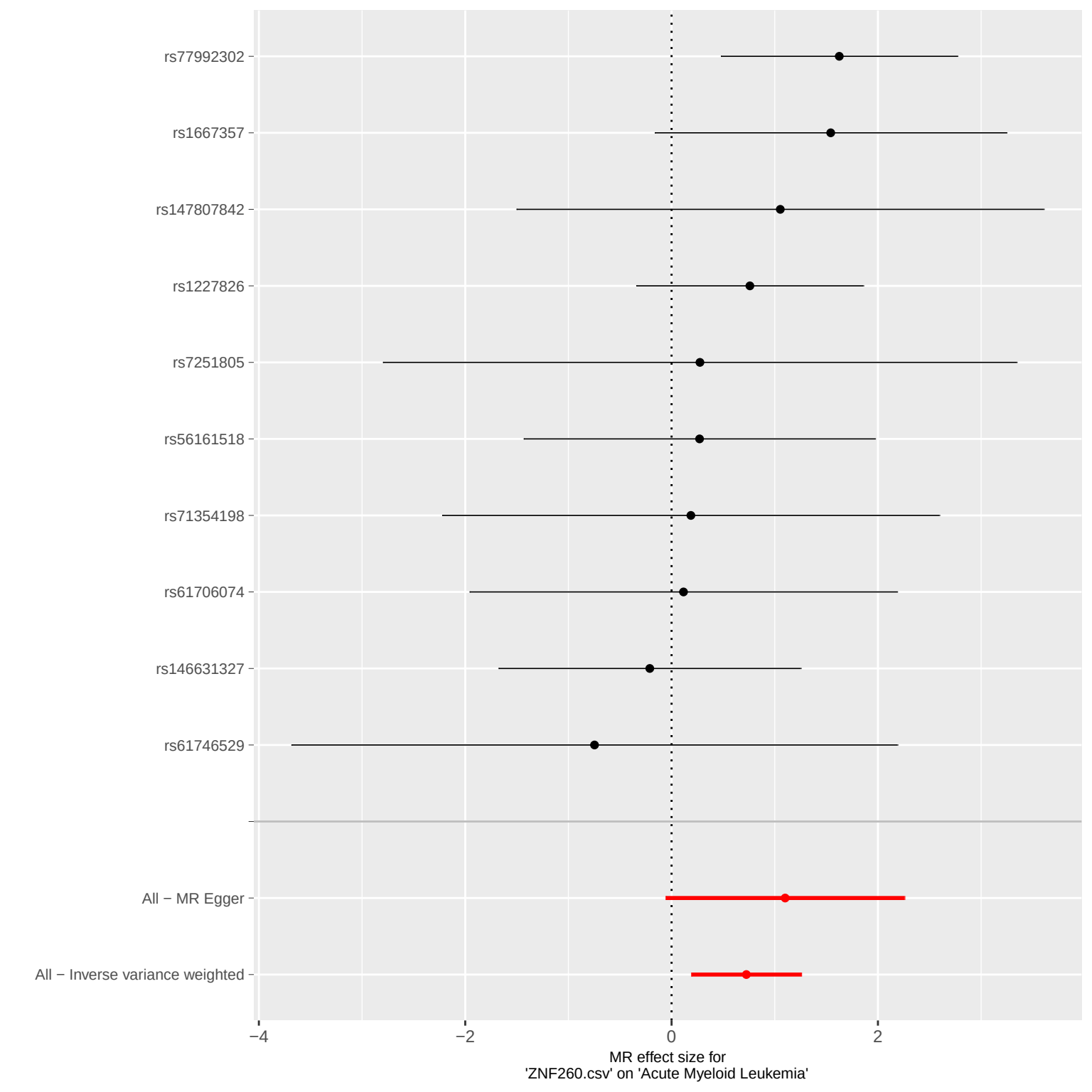
rs35967100
rs116911246
rs117080613
rs72790722
rs4948569
rs1254671
All − MR Egger
All − Inverse variance weighted
−4
0
4
MR effect size for
'ZNF239.csv' on 'Acute Myeloid Leukemia'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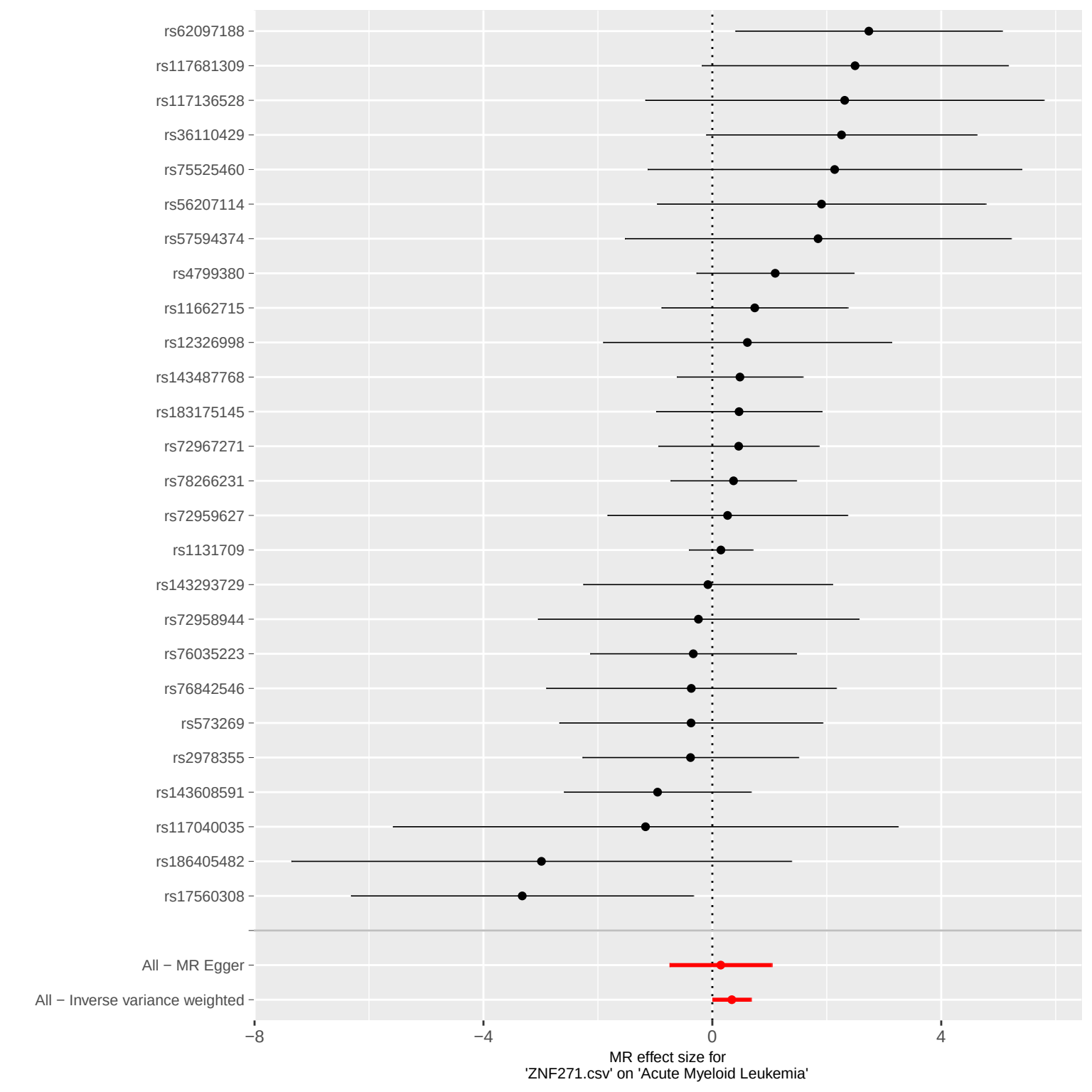
rs1667357
rs147807842
rs1227826
rs7251805
rs56161518
rs71354198
rs61706074
rs146631327
rs61746529
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF260.csv' on 'Acute Myeloid Leukemia'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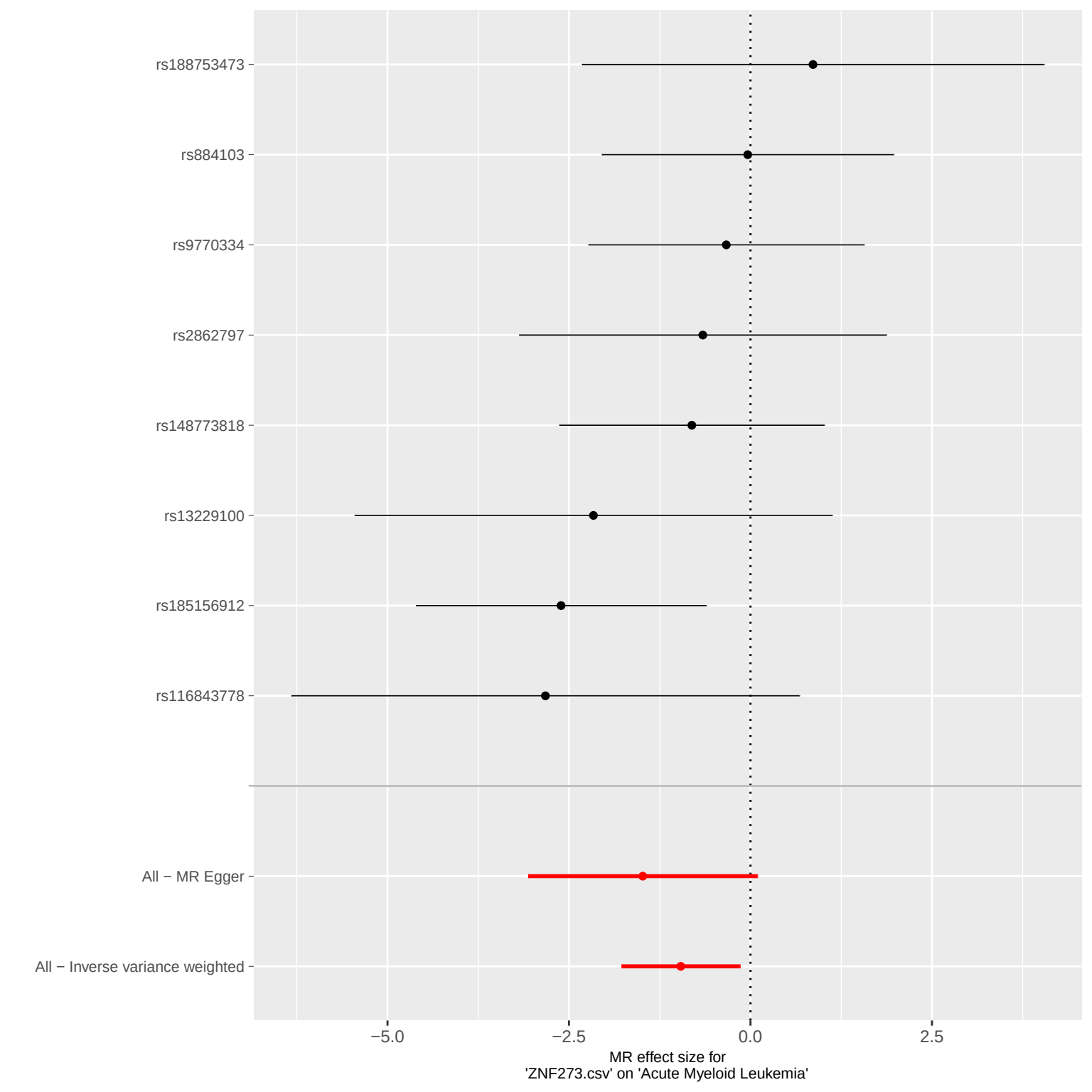
rs1131709
rs143293729
rs72958944
rs76035223
rs76842546
rs573269
rs2978355
rs143608591
rs117040035
rs186405482
rs17560308
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'ZNF271.csv' on 'Acute Myeloid Leukemia'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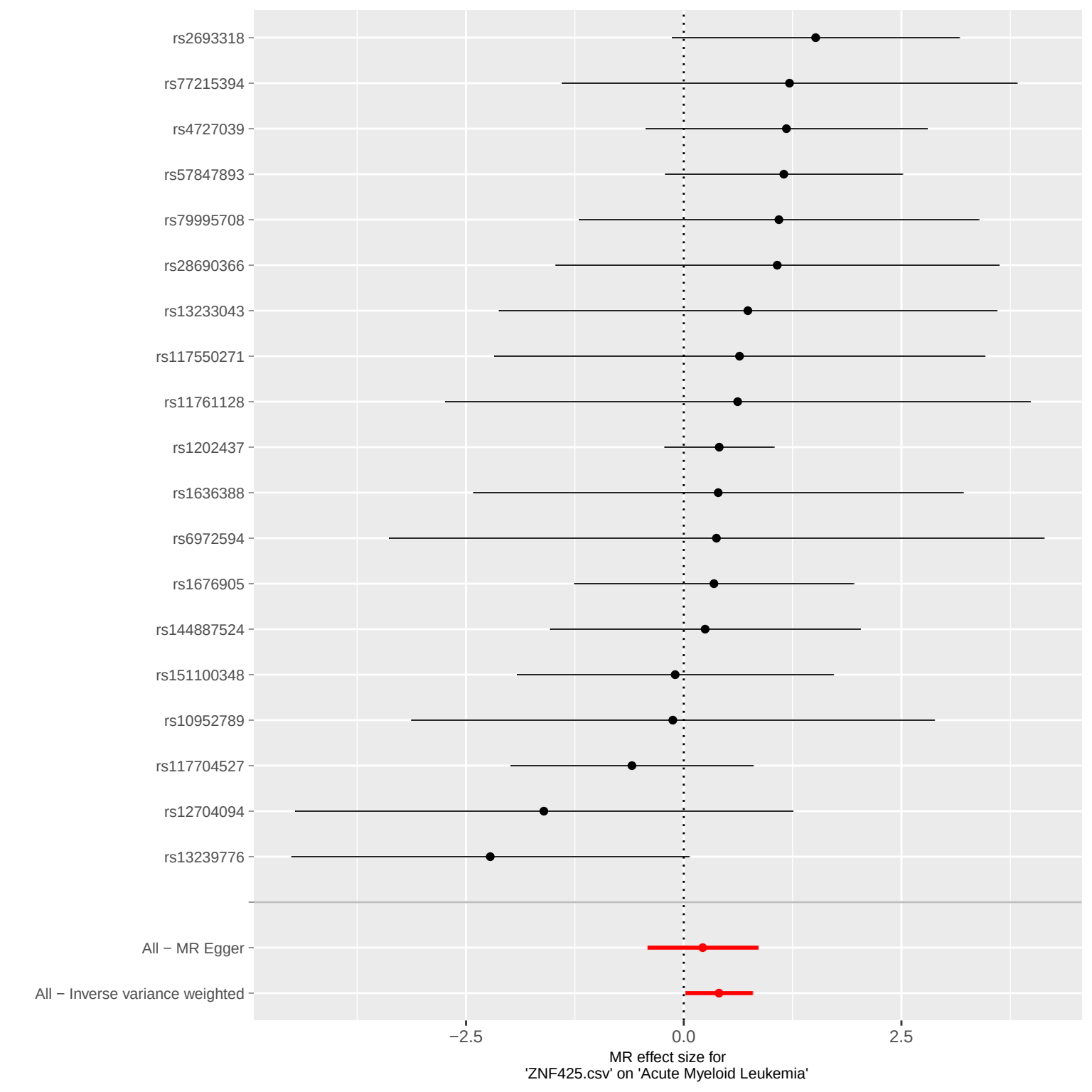
rs884103
rs9770334
rs2862797
rs148773818
rs13229100
rs185156912
rs116843778
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF273.csv' on 'Acute Myeloid Leukemia'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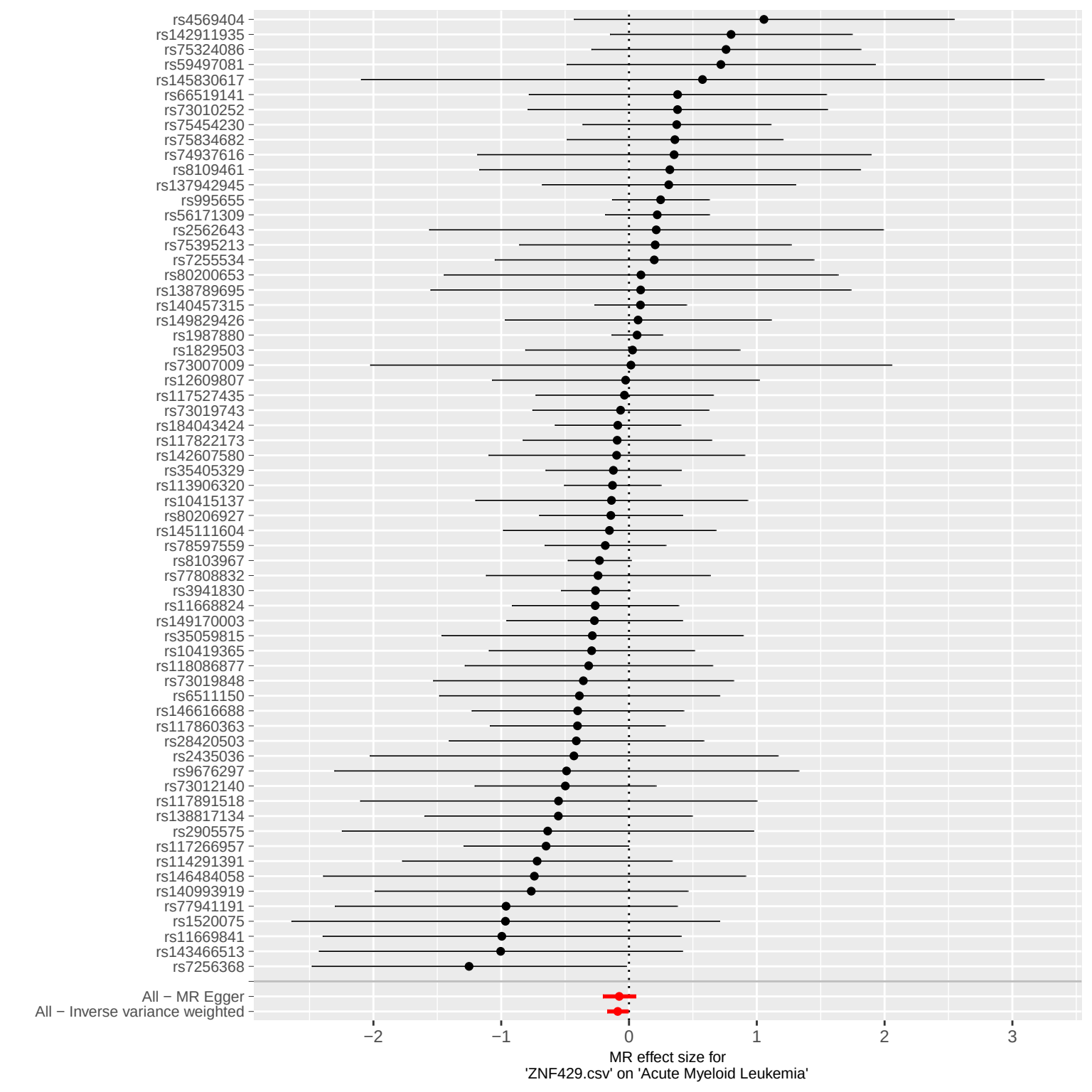
rs1202437
rs1636388
rs6972594
rs1676905
rs144887524
rs151100348
rs10952789
rs117704527
rs12704094
rs13239776
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'ZNF425.csv' on 'Acute Myeloid Leukemia'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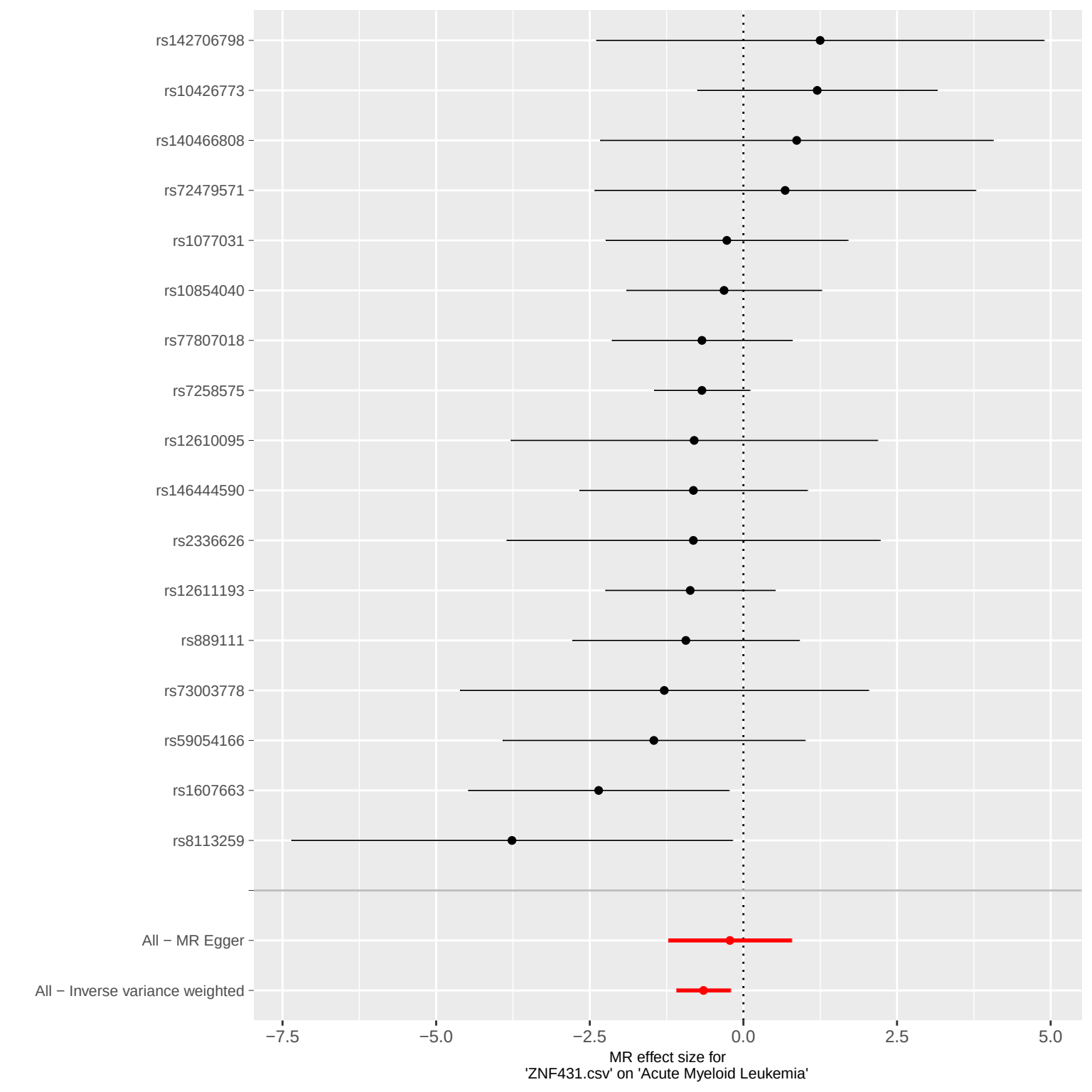
rs2905575
rs117266957
rs114291391
rs146484058
rs140993919
rs77941191
rs1520075
rs11669841
rs143466513
rs7256368
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ZNF429.csv' on 'Acute Myeloid Leukemia'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rs10426773
rs140466808
rs72479571
rs1077031
rs10854040
rs77807018
rs7258575
rs12610095
rs146444590
rs2336626
rs12611193
rs889111
rs73003778
rs59054166
rs1607663
rs8113259
All − MR Egger
All − Inverse variance weighted
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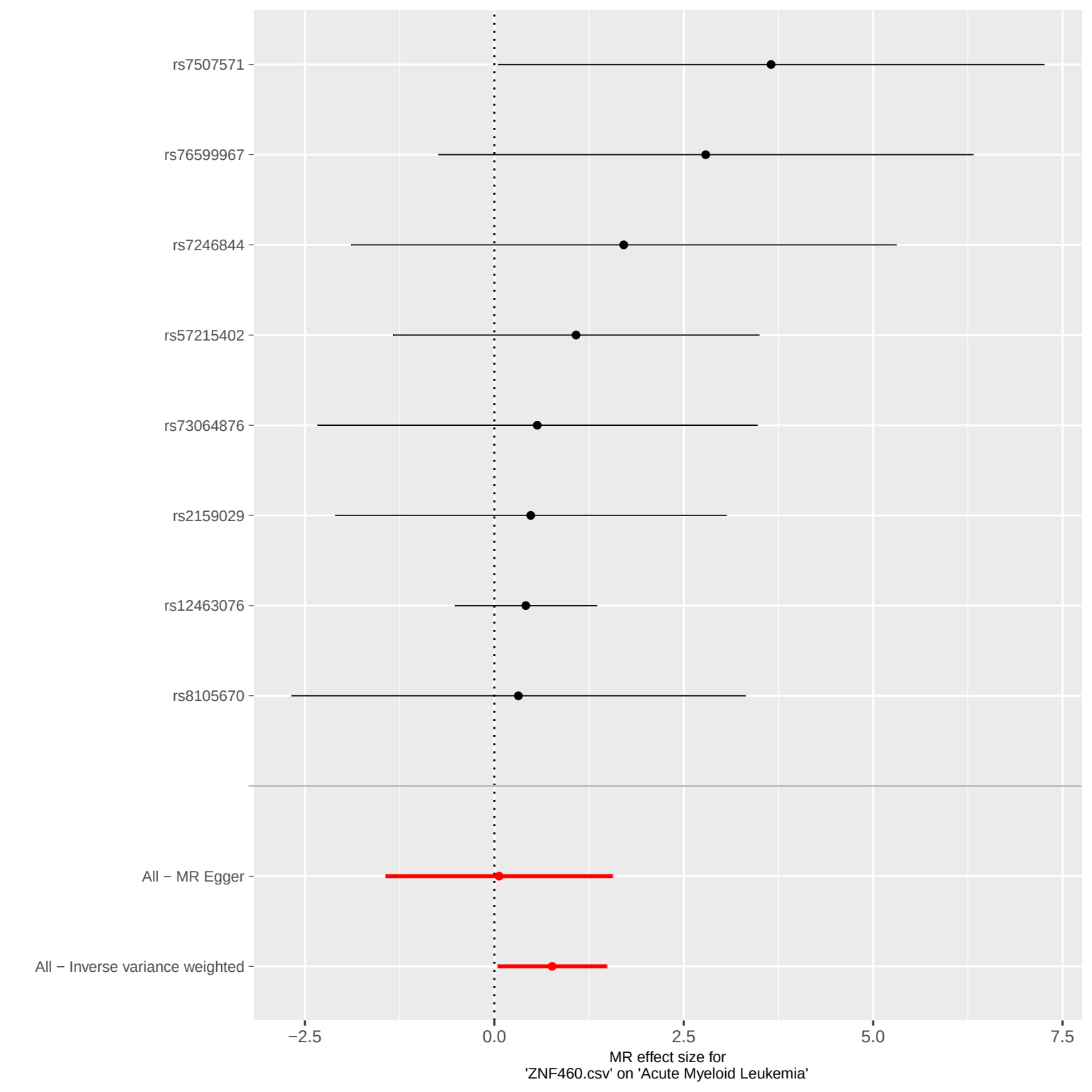
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF431.csv' on 'Acute Myeloid Leukemia'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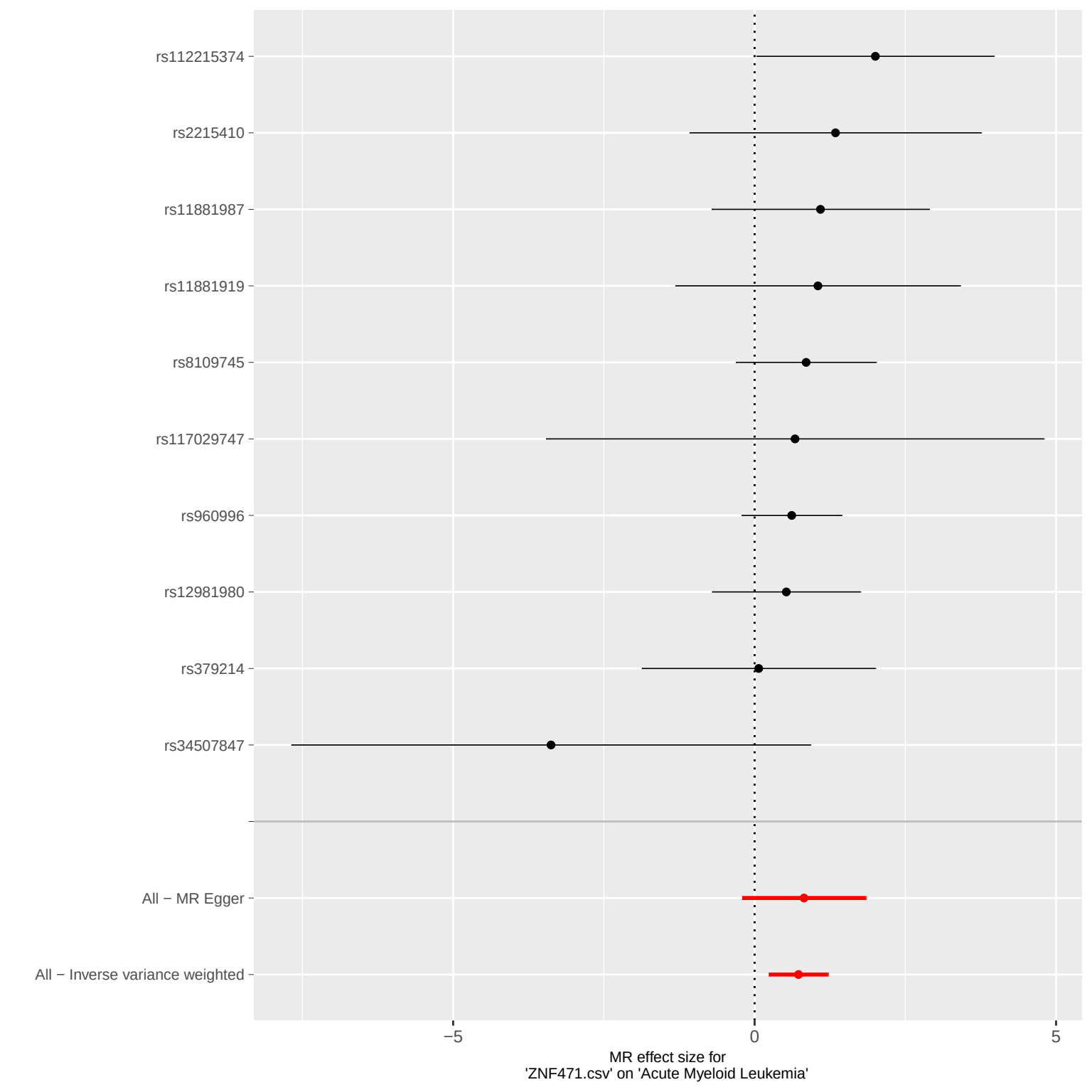
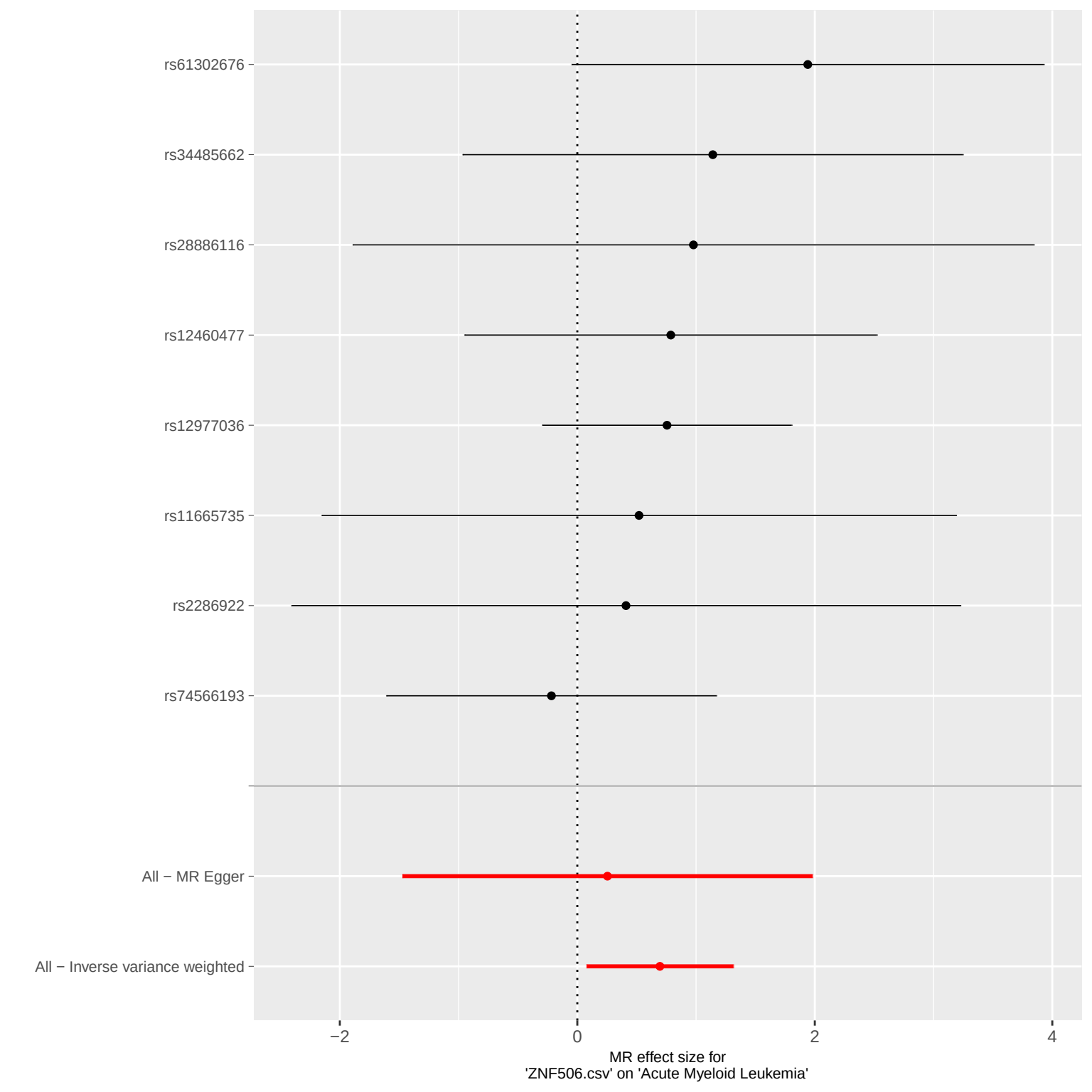
rs76599967
rs7246844
rs57215402
rs73064876
rs2159029
rs12463076
rs8105670
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'ZNF460.csv' on 'Acute Myeloid Leukemia'


rs112215374
rs2215410
rs11881987
rs11881919
rs8109745
rs117029747
rs960996
rs12981980
rs379214
rs34507847
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF471.csv' on 'Acute Myeloid Leukemia'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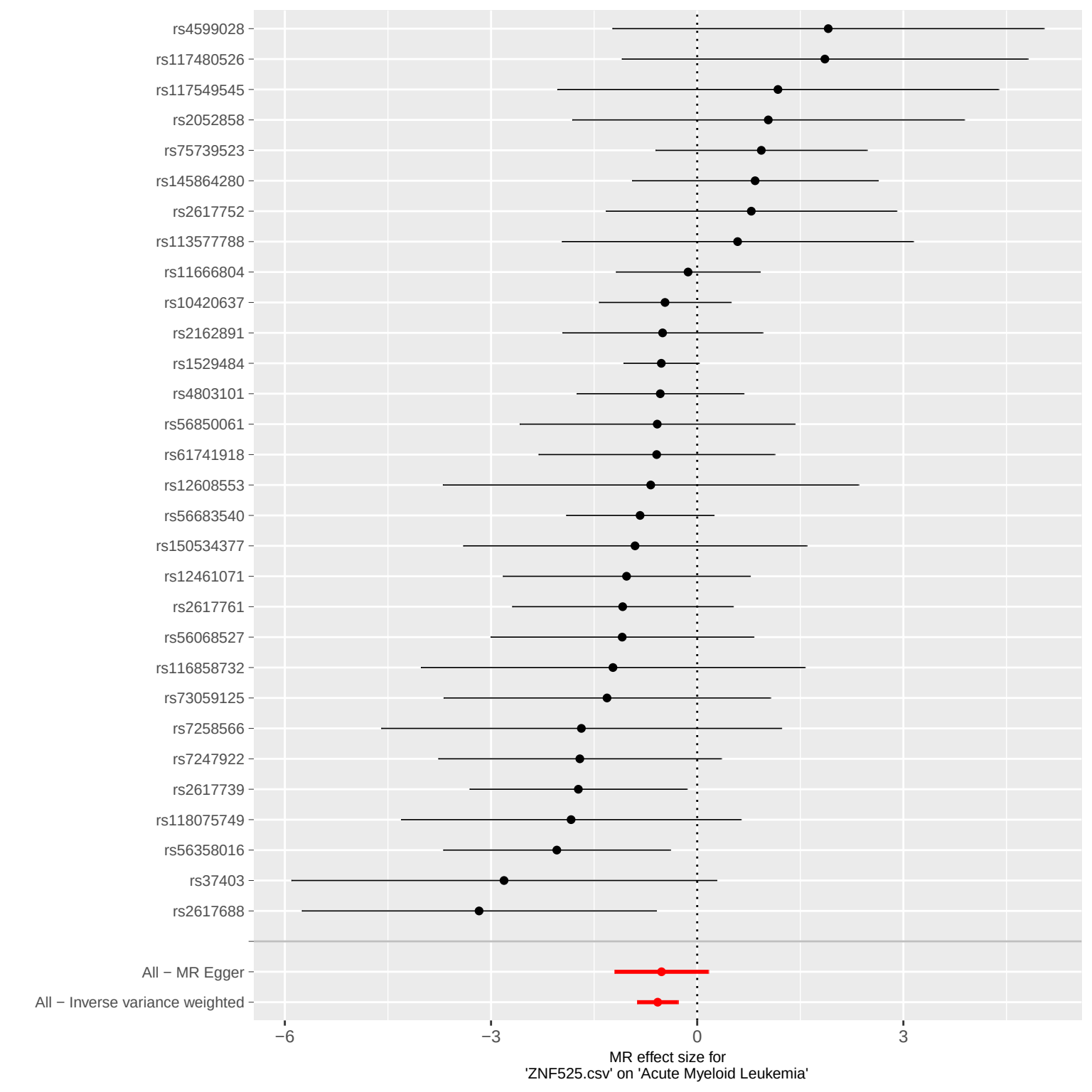
rs34485662
rs28886116
rs12460477
rs12977036
rs11665735
rs2286922
rs74566193
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZNF506.csv' on 'Acute Myeloid Leukemia'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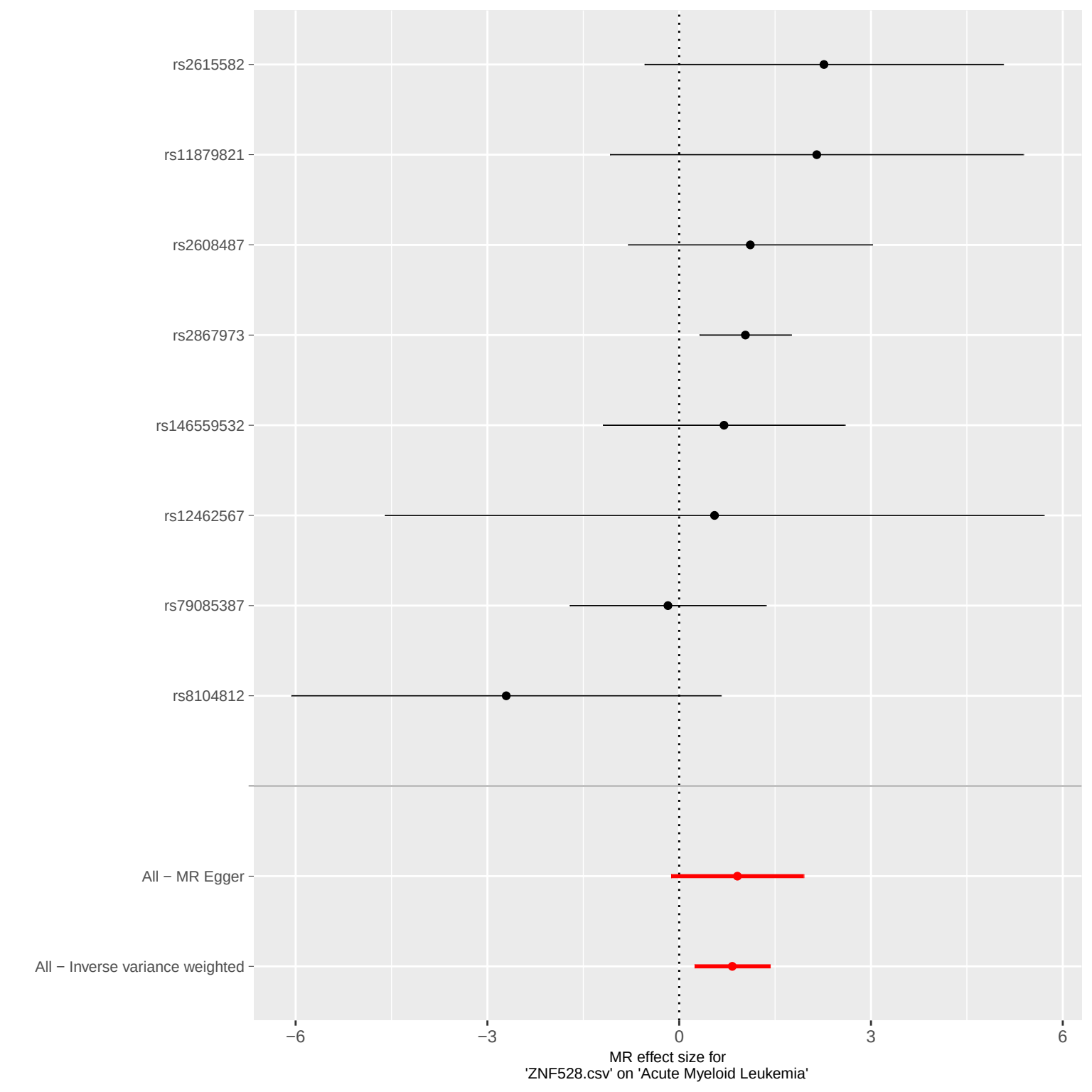
rs10420637
rs2162891
rs1529484
rs4803101
rs56850061
rs61741918
rs12608553
rs56683540
rs150534377
rs12461071
rs2617761
rs56068527
rs116858732
rs73059125
rs7258566
rs7247922
rs2617739
rs118075749
rs56358016
rs37403
rs2617688
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZNF525.csv' on 'Acute Myeloid Leukemia'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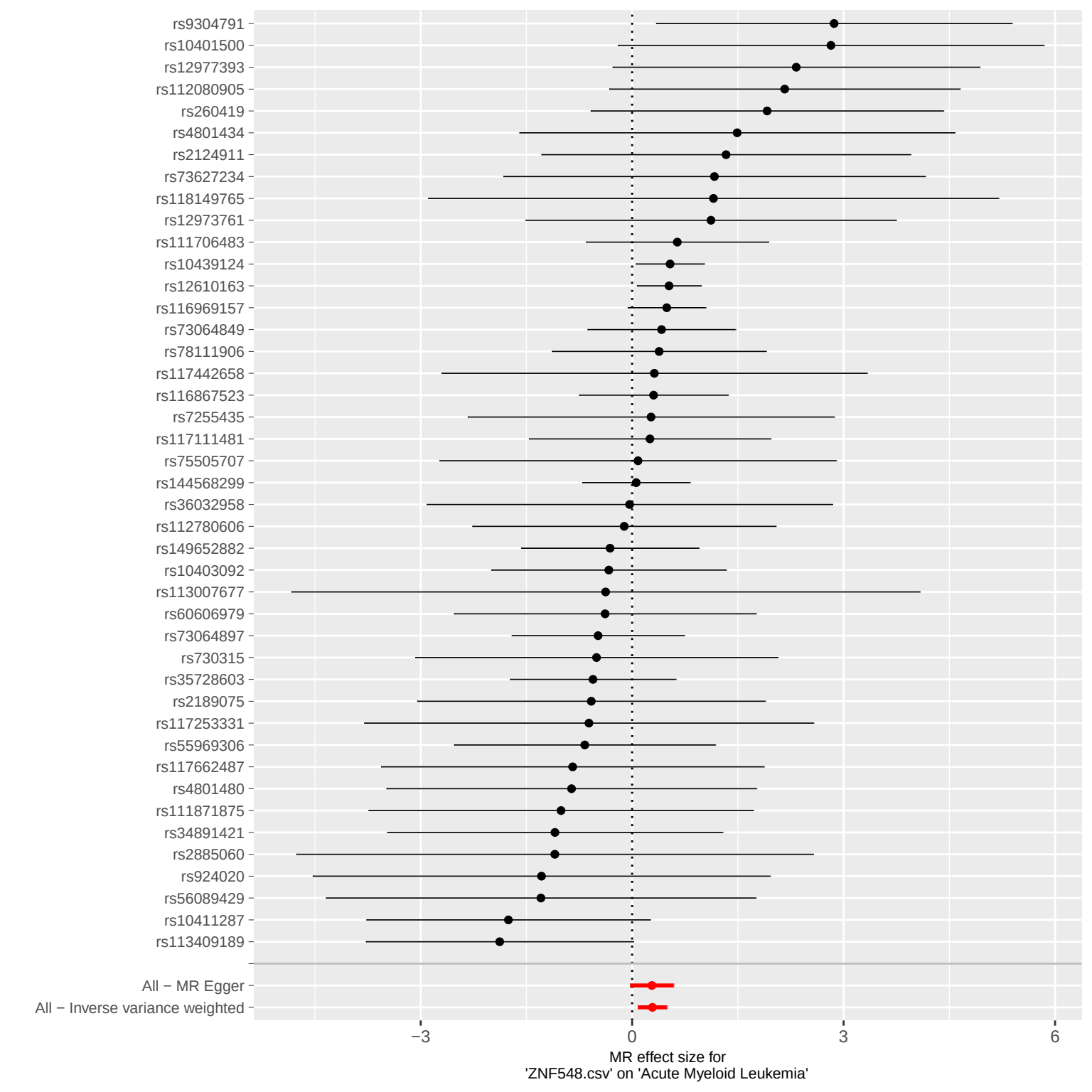
rs11879821
rs2608487
rs2867973
rs146559532
rs12462567
rs79085387
rs8104812
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ZNF528.csv' on 'Acute Myeloid Leukemia'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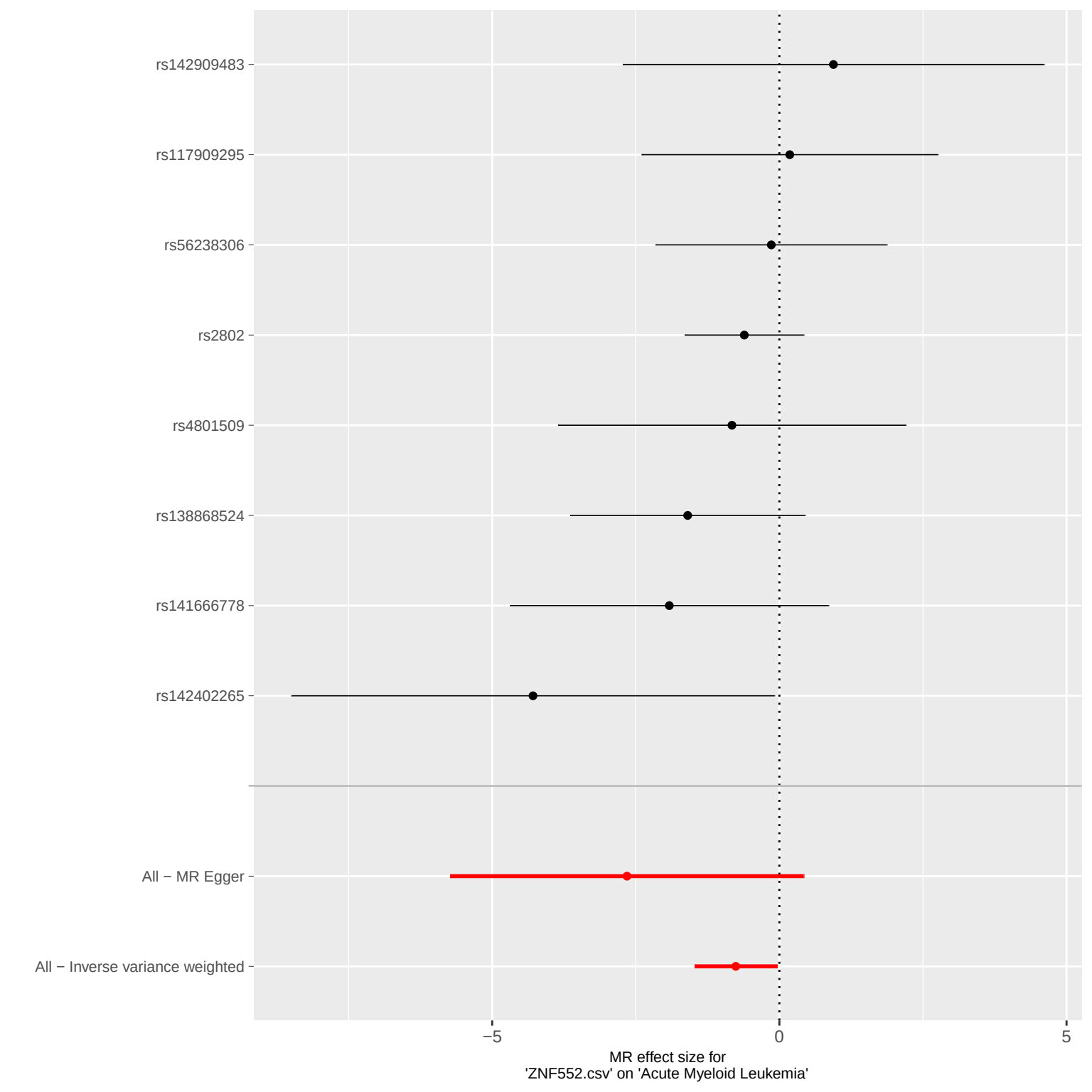
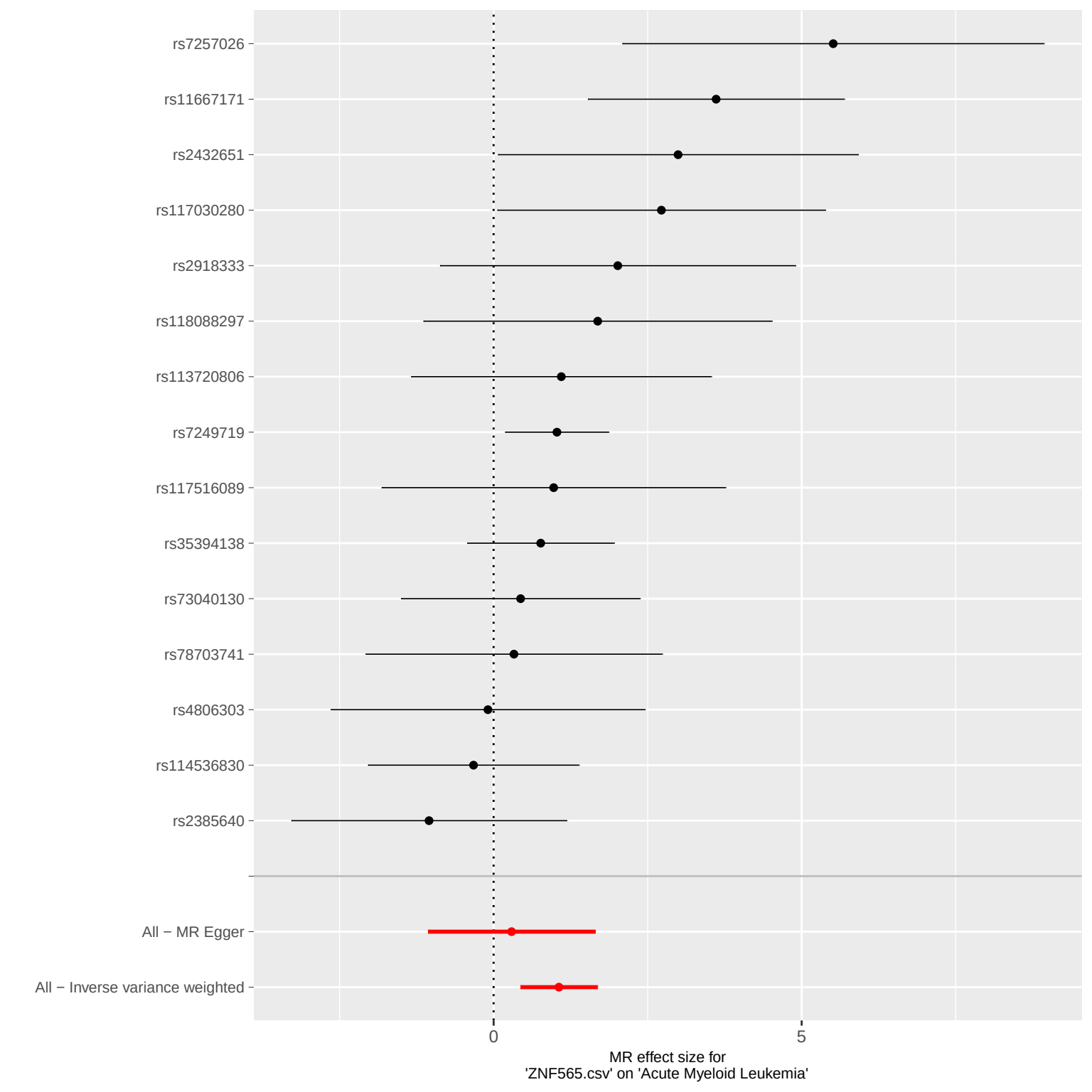
rs12977393
rs112080905
rs260419
rs4801434
rs2124911
rs73627234
rs118149765
rs12973761
rs111706483
rs10439124
rs12610163
rs116969157
rs73064849
rs78111906
rs117442658
rs116867523
rs7255435
rs117111481
rs75505707
rs144568299
rs36032958
rs112780606
rs149652882
rs10403092
rs113007677
rs60606979
rs73064897
rs730315
rs35728603
rs2189075
rs117253331
rs55969306
rs117662487
rs4801480
rs111871875
rs34891421
rs2885060
rs924020
rs56089429
rs10411287
rs113409189
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'ZNF548.csv' on 'Acute Myeloid Leukemia'


rs142909483
rs117909295
rs56238306
rs2802
rs4801509
rs138868524
rs141666778
rs142402265
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ZNF552.csv' on 'Acute Myeloid Leukemia'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rs11667171
rs2432651
rs117030280
rs2918333
rs118088297
rs113720806
rs7249719
rs117516089
rs35394138
rs73040130
rs78703741
rs4806303
rs114536830
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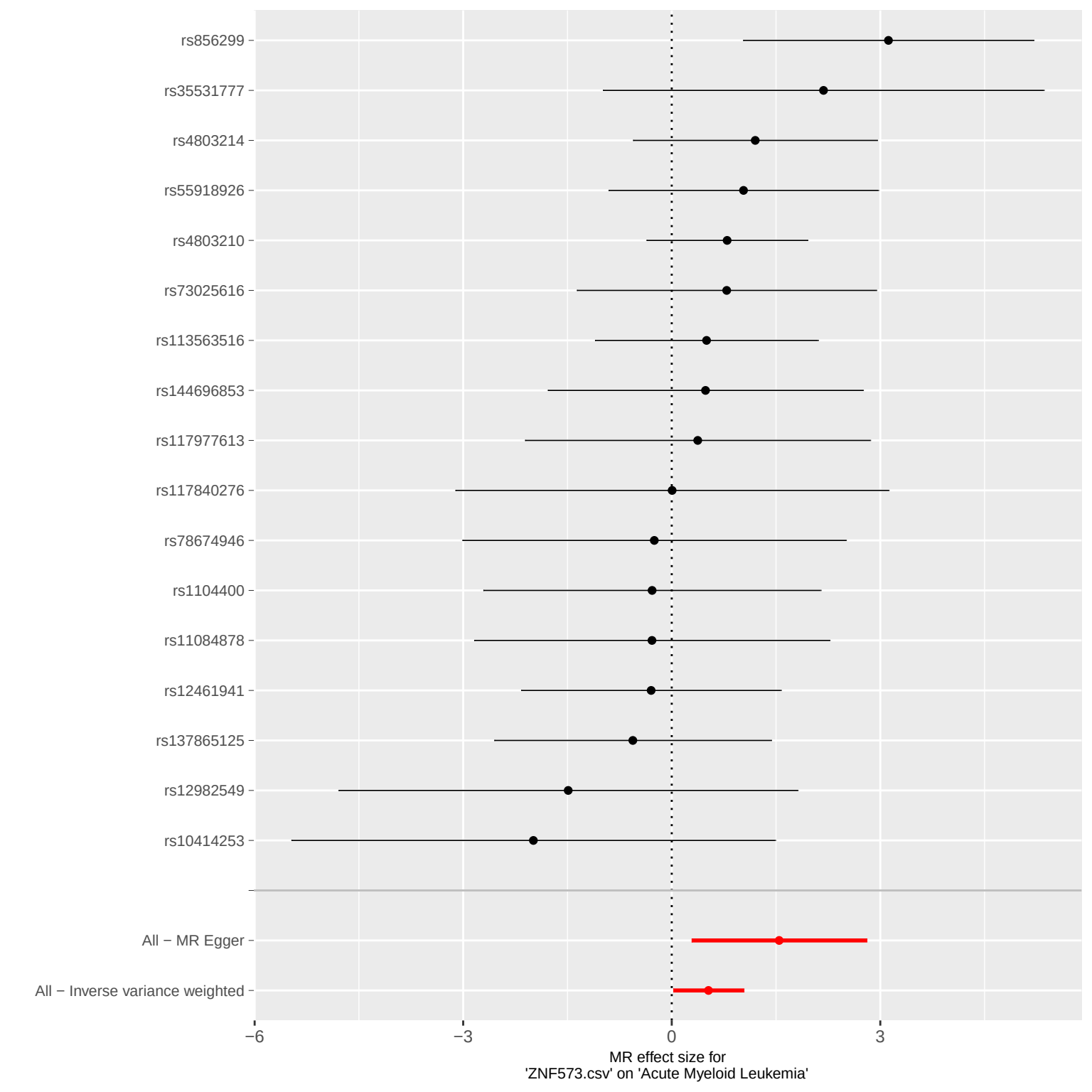
All − MR Egger
All − Inverse variance weighted
0
5
MR effect size for
'ZNF565.csv' on 'Acute Myeloid Leukemia'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rs4803214
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rs4803210
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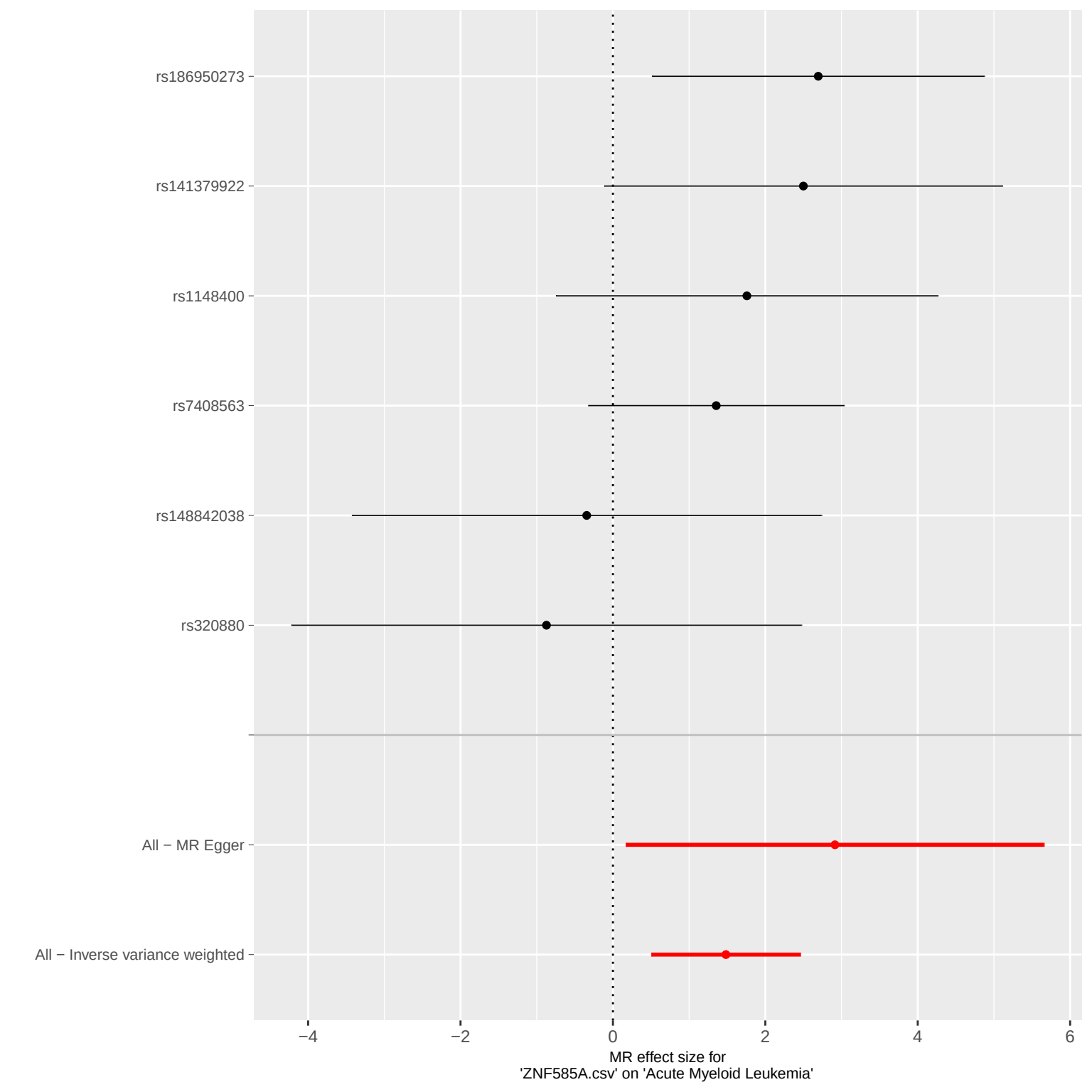
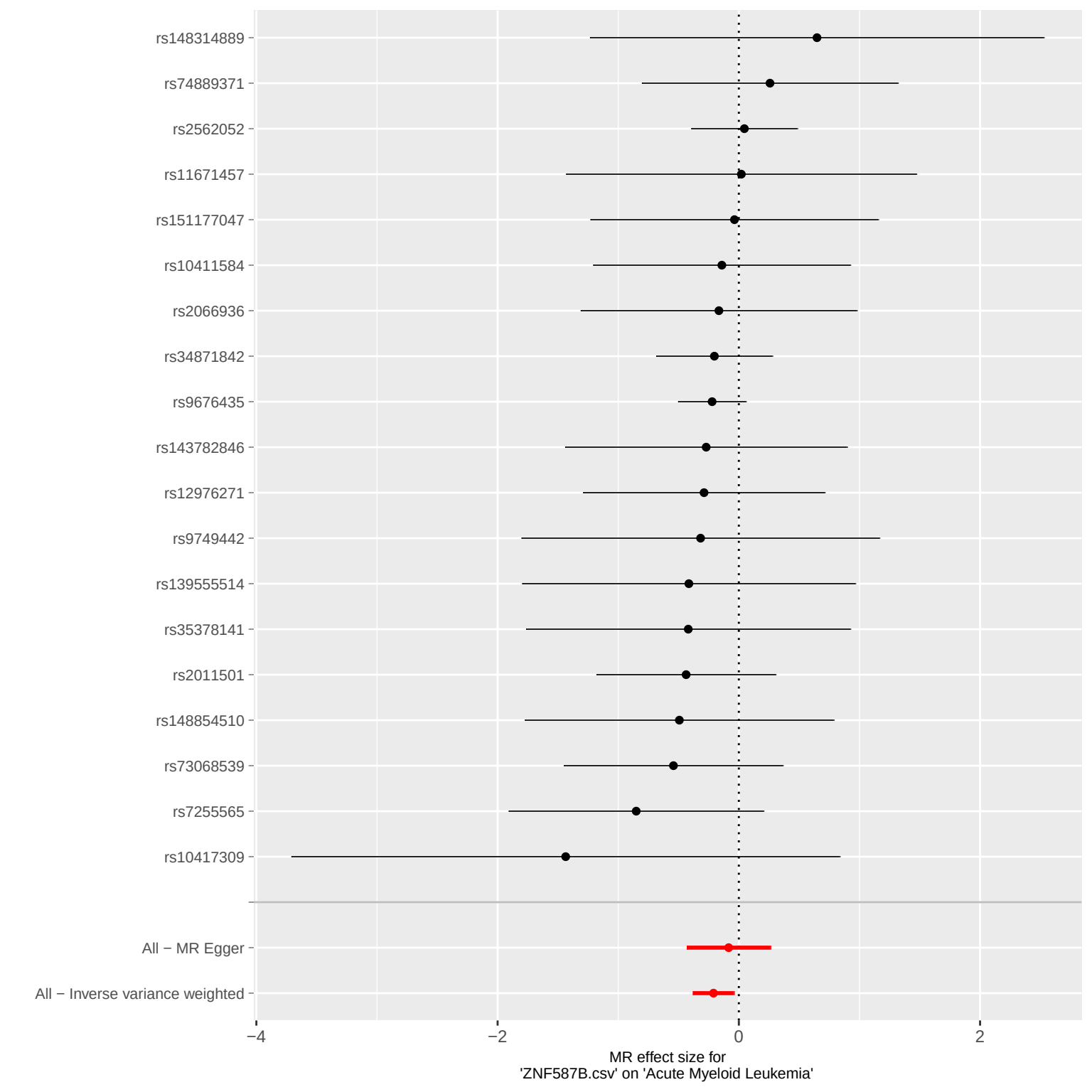
rs113563516
rs144696853
rs117977613
rs117840276
rs78674946
rs1104400
rs11084878
rs12461941
rs137865125
rs12982549
rs10414253
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'ZNF573.csv' on 'Acute Myeloid Leukemia'


rs186950273
rs141379922
rs1148400
rs7408563
rs148842038
rs320880
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'ZNF585A.csv' on 'Acute Myeloid Leukemia'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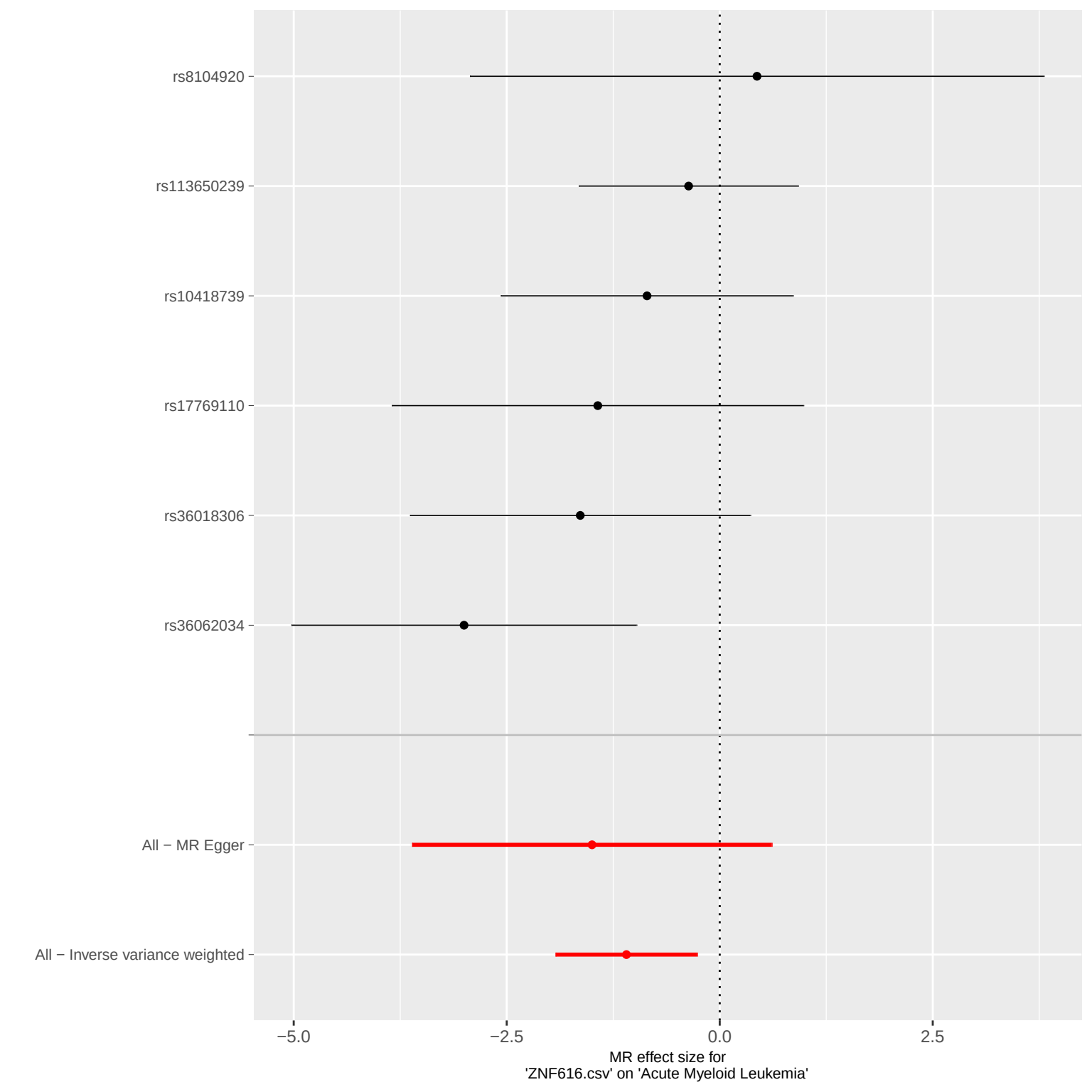
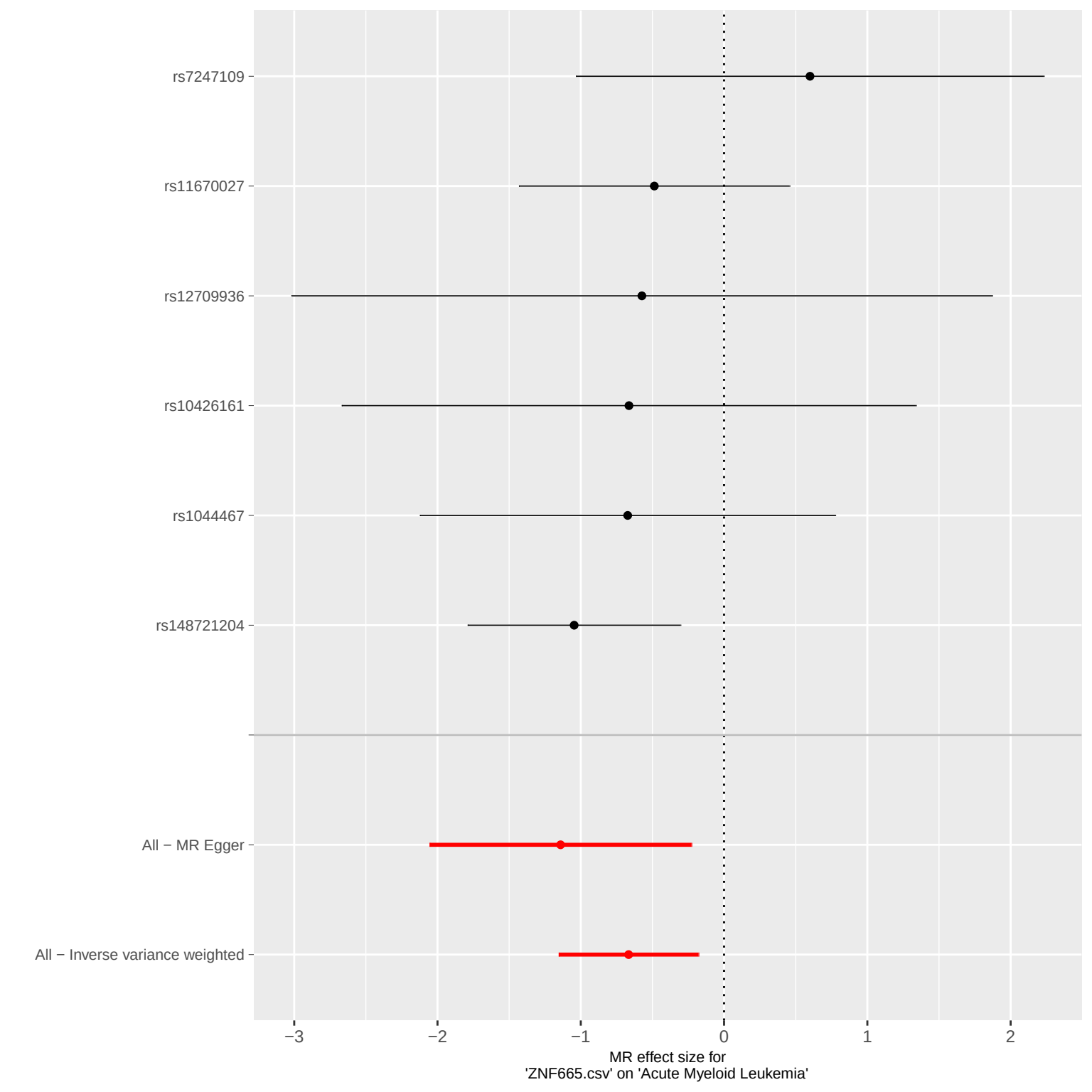
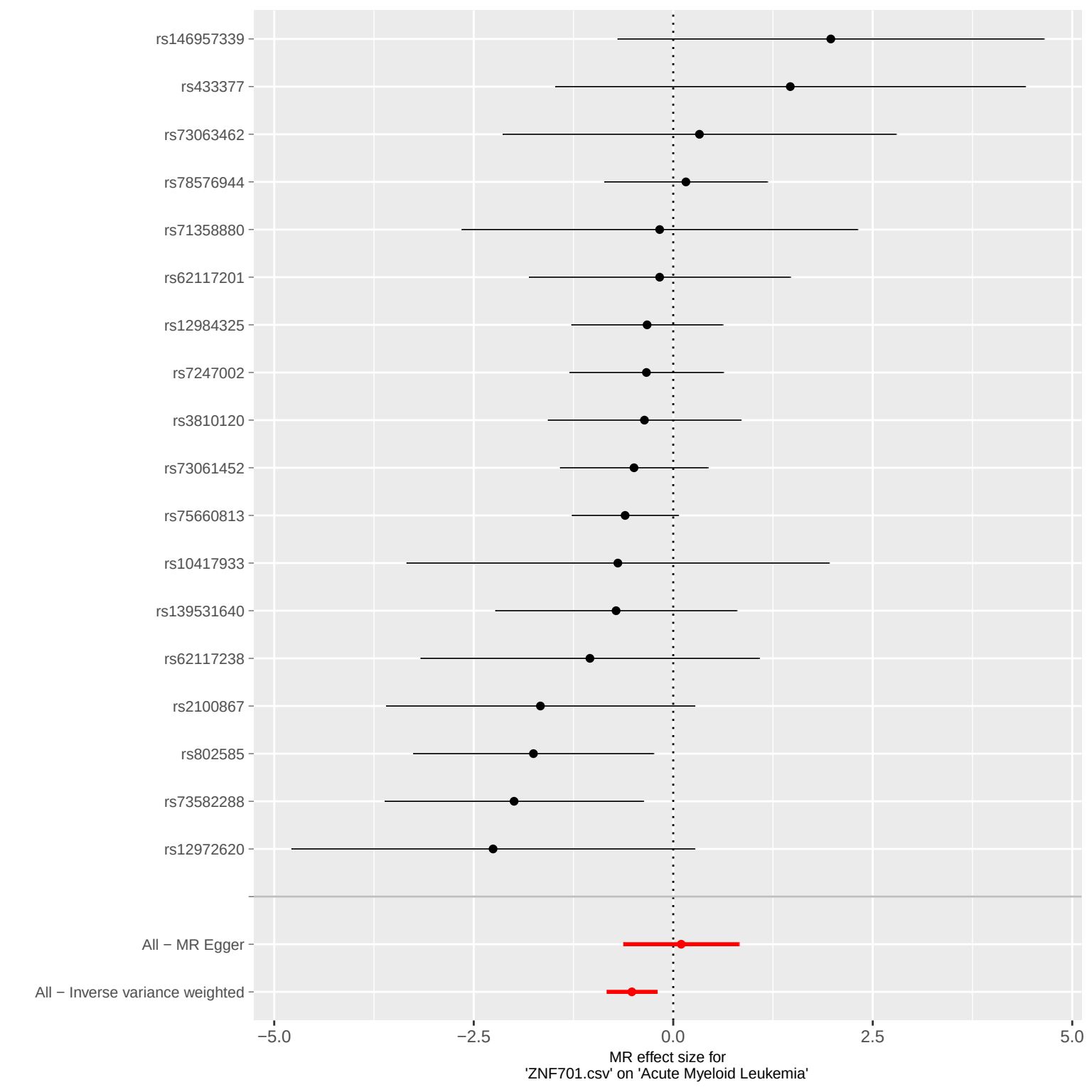
rs9749442
rs139555514
rs35378141
rs2011501
rs148854510
rs73068539
rs7255565
rs10417309
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF587B.csv' on 'Acute Myeloid Leukemia'


rs8104920
rs113650239
rs10418739
rs17769110
rs36018306
rs36062034
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ZNF616.csv' on 'Acute Myeloid Leukemia'


rs7247109
rs11670027
rs12709936
rs10426161
rs1044467
rs148721204
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ZNF665.csv' on 'Acute Myeloid Leukemia'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rs3810120
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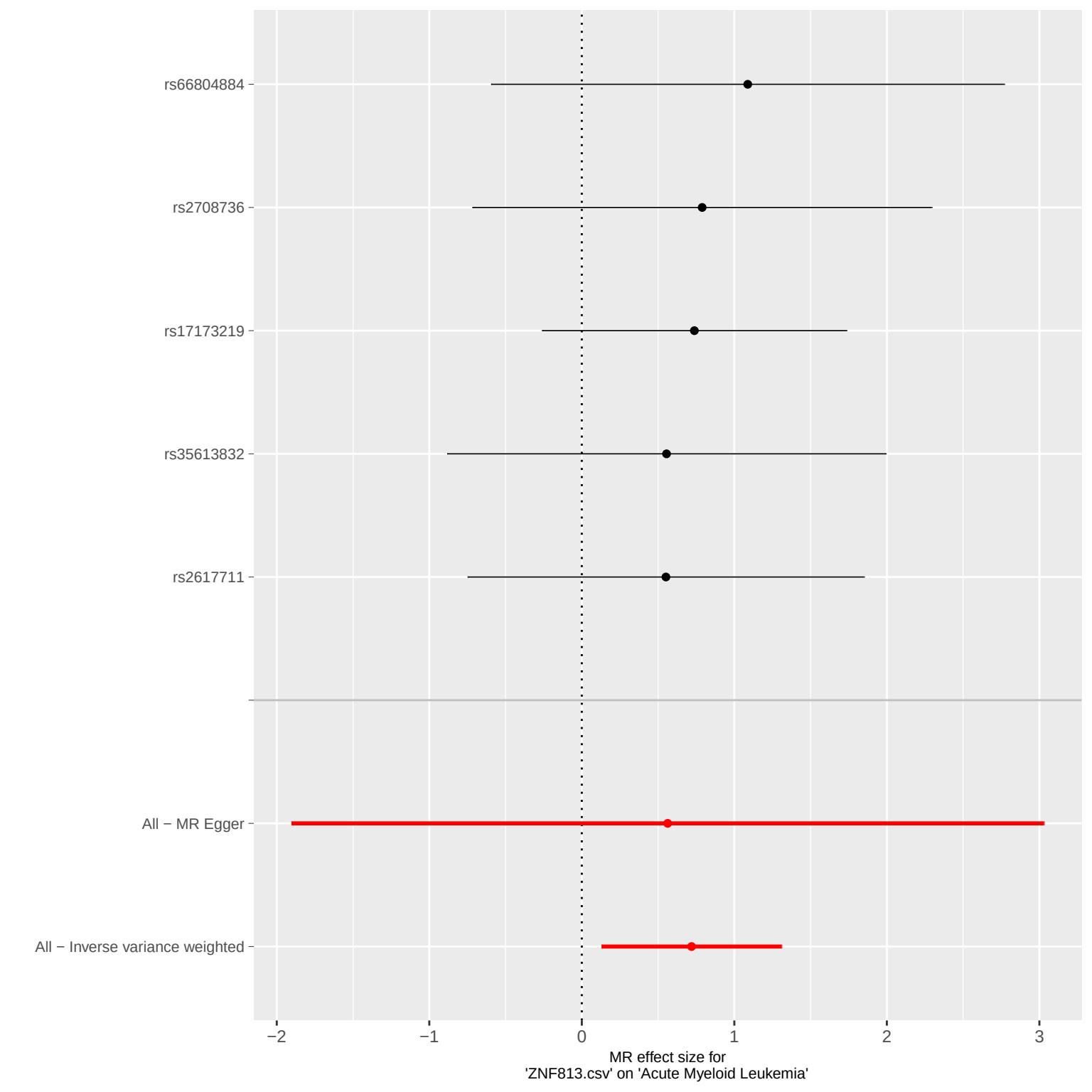
rs75660813
rs10417933
rs139531640
rs62117238
rs2100867
rs802585
rs73582288
rs12972620
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF701.csv' on 'Acute Myeloid Leukemia'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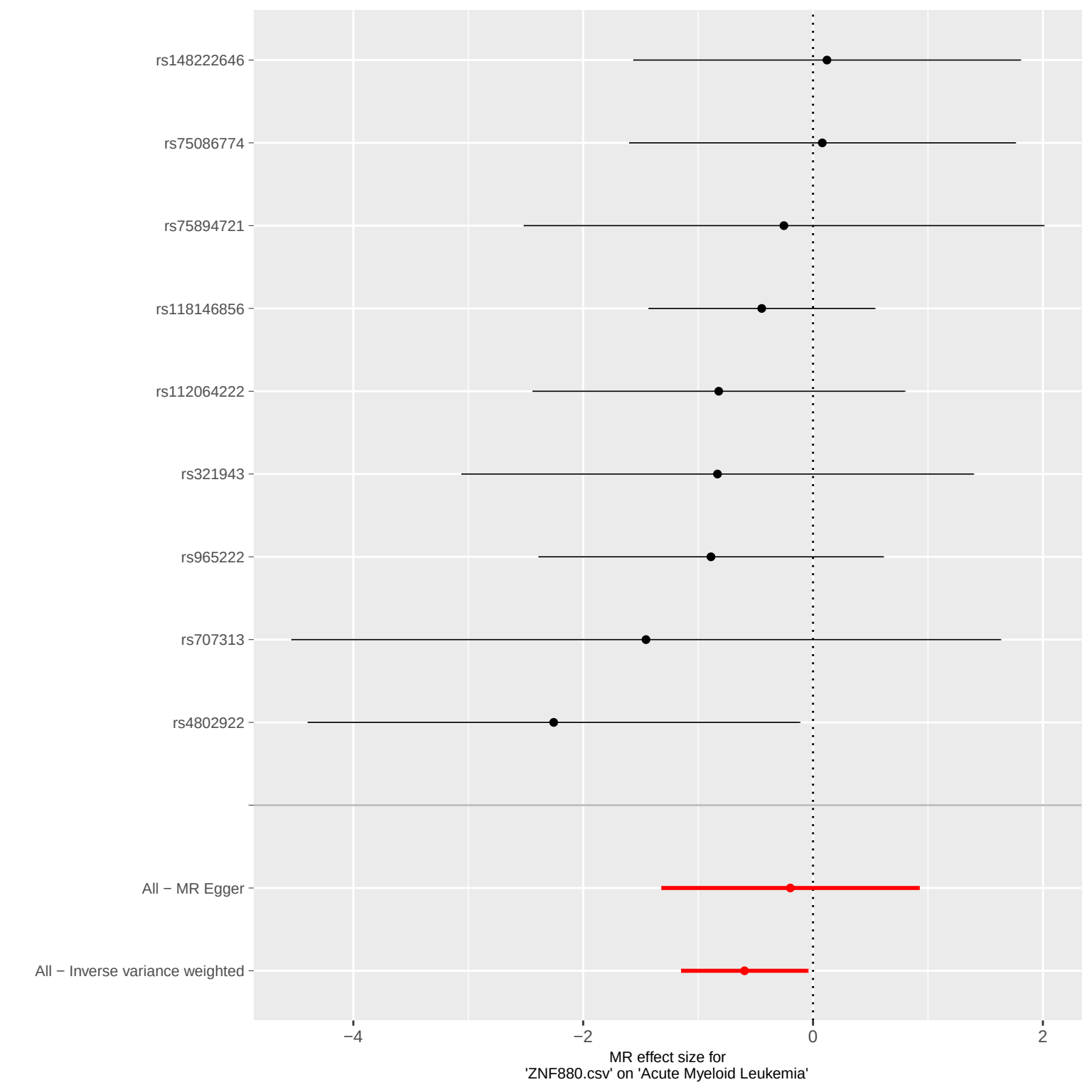
rs2708736
rs17173219
rs35613832
rs2617711
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ZNF813.csv' on 'Acute Myeloid Leukemia'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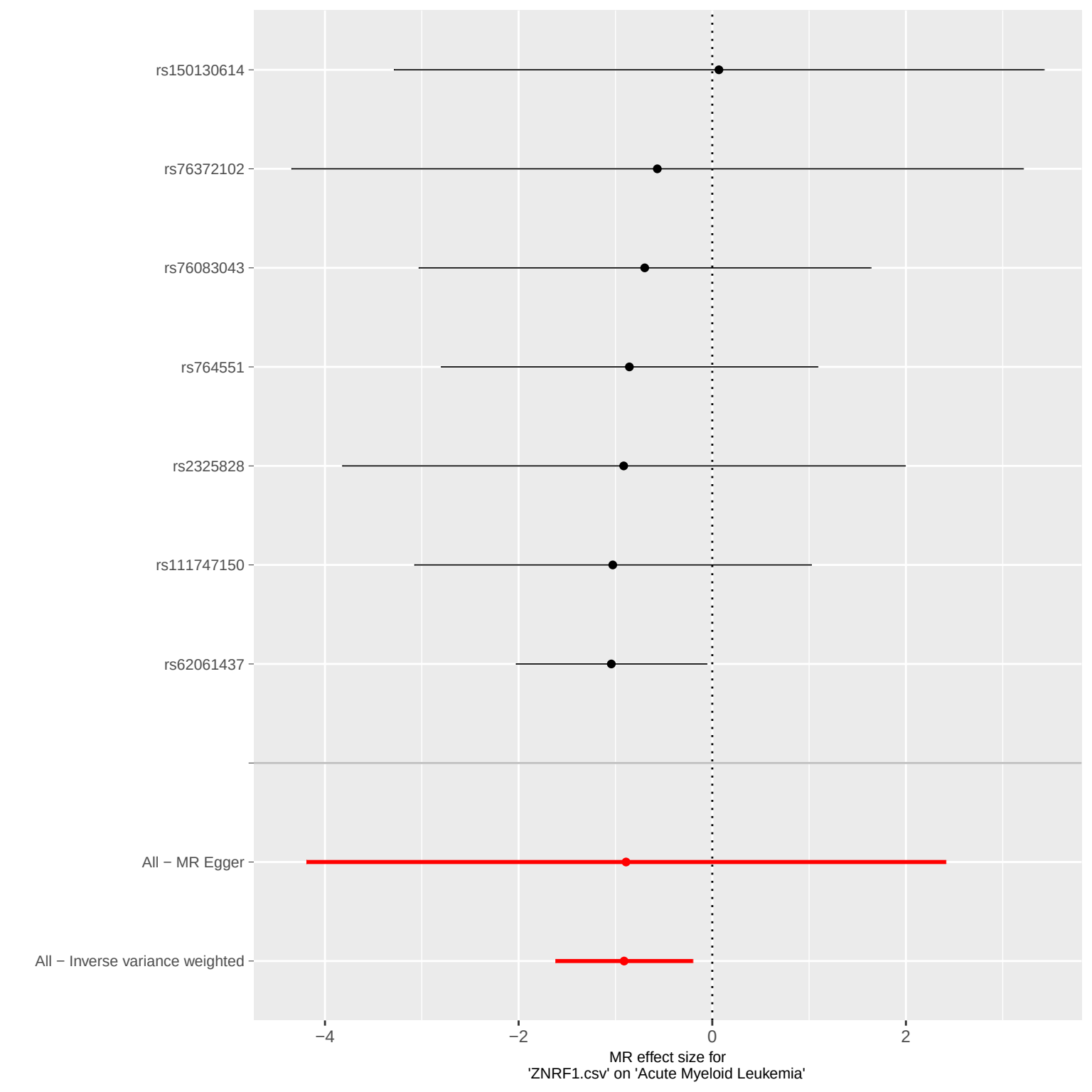
rs75086774
rs75894721
rs118146856
rs112064222
rs321943
rs965222
rs707313
rs4802922
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF880.csv' on 'Acute Myeloid Leukemia'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rs76372102
rs76083043
rs764551
rs2325828
rs111747150
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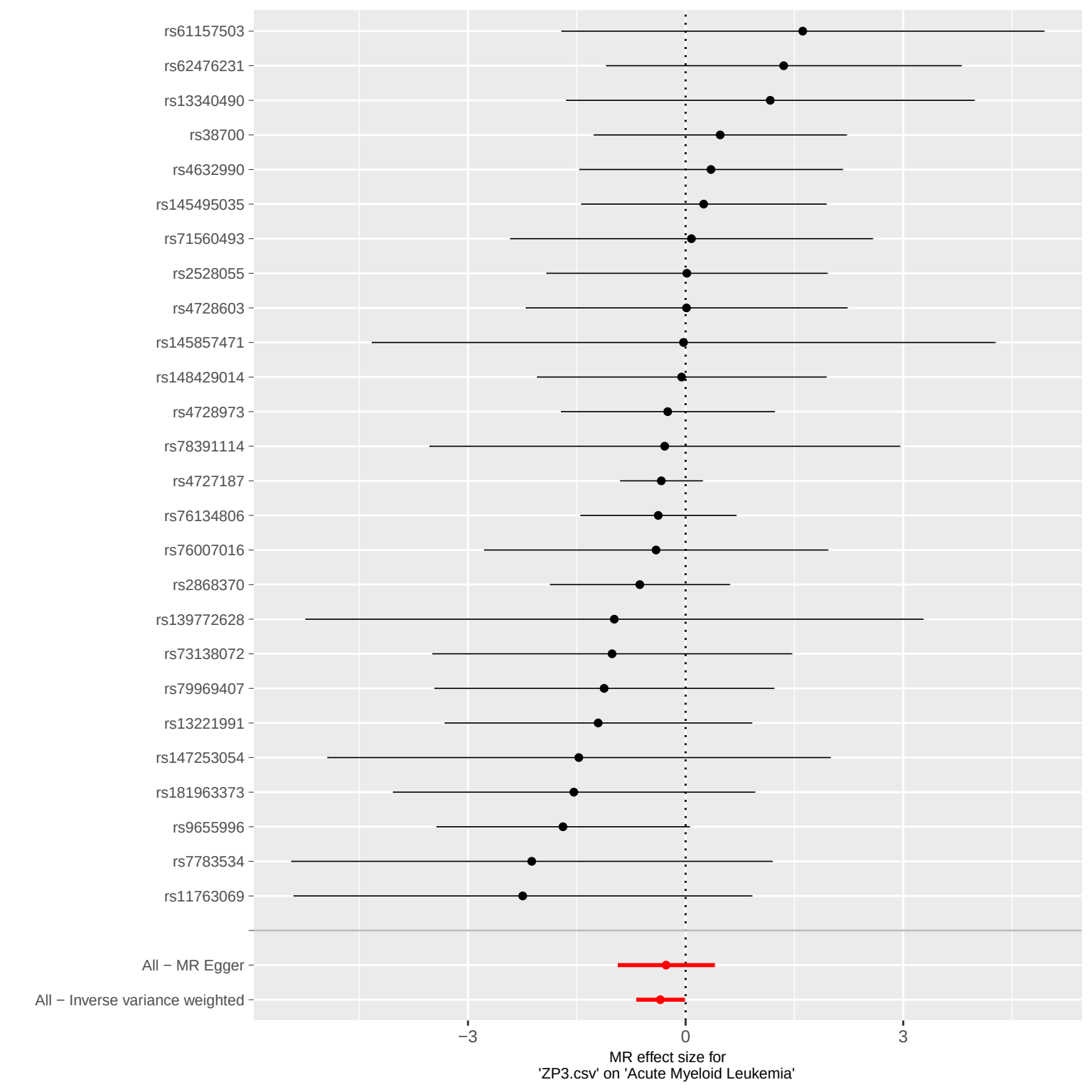
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNRF1.csv' on 'Acute Myeloid Leukemia'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rs4728973
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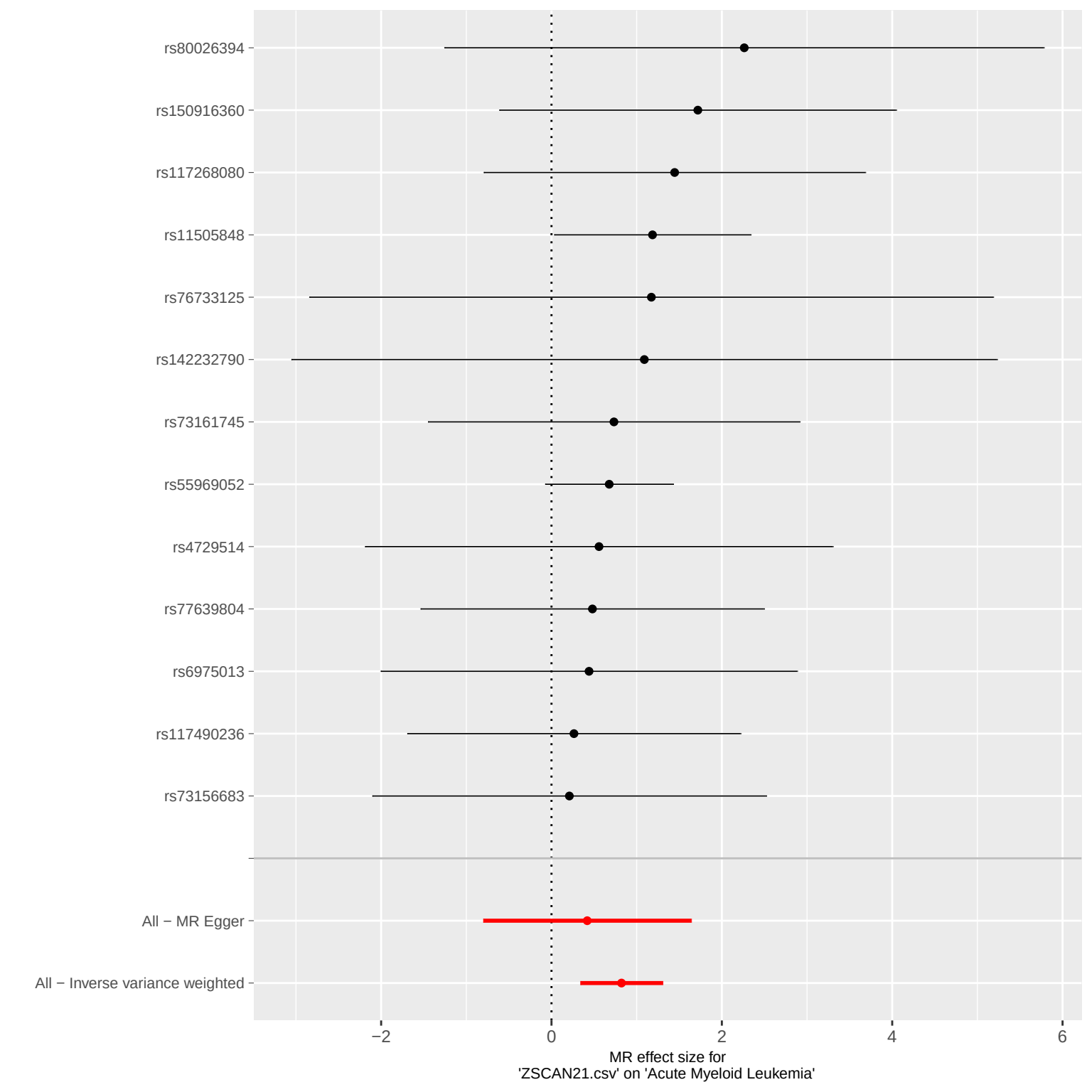
rs4727187
rs76134806
rs76007016
rs2868370
rs139772628
rs73138072
rs79969407
rs13221991
rs147253054
rs181963373
rs9655996
rs7783534
rs11763069
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'ZP3.csv' on 'Acute Myeloid Leukemia'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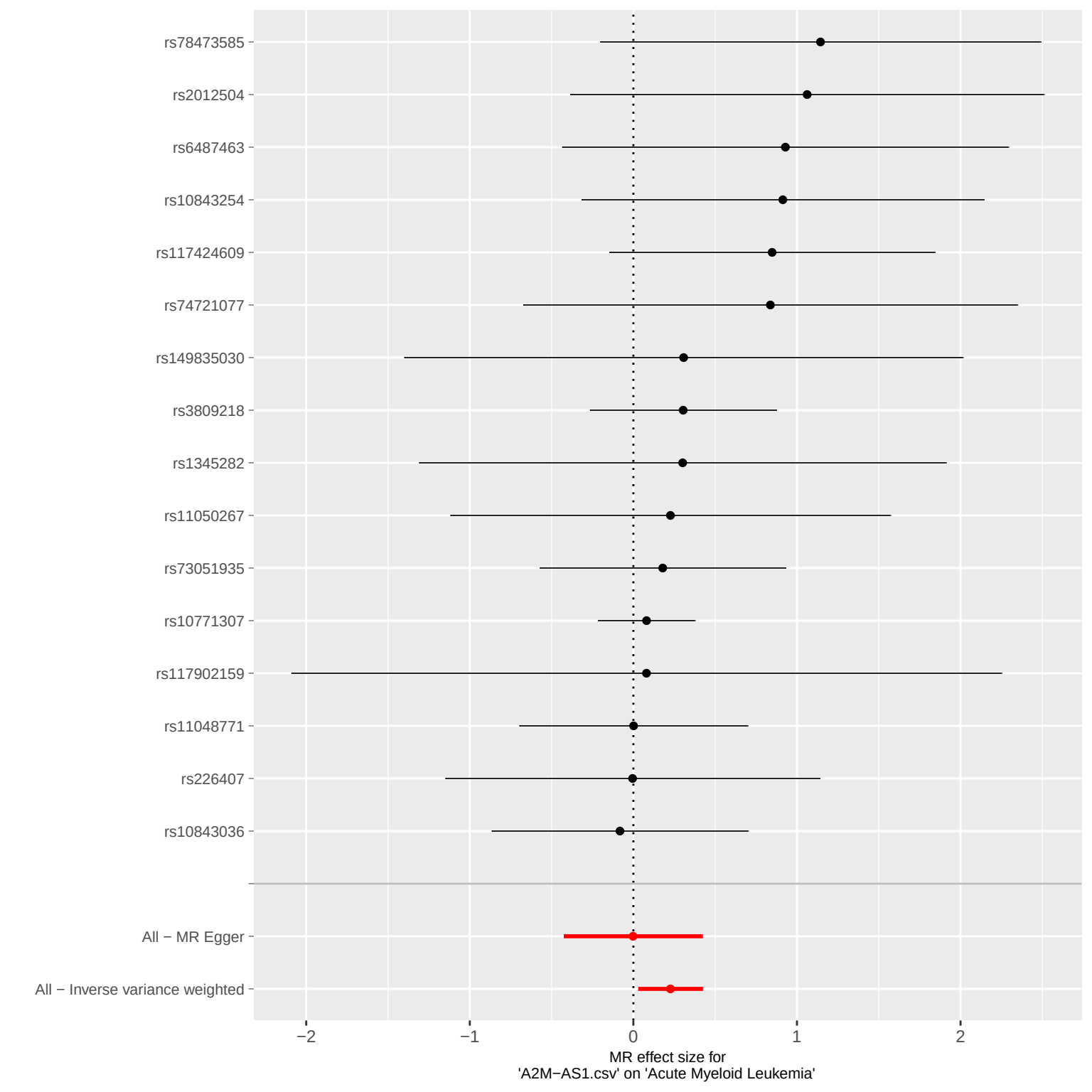
rs4729514
rs77639804
rs6975013
rs117490236
rs73156683
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'ZSCAN21.csv' on 'Acute Myeloid Leukemia'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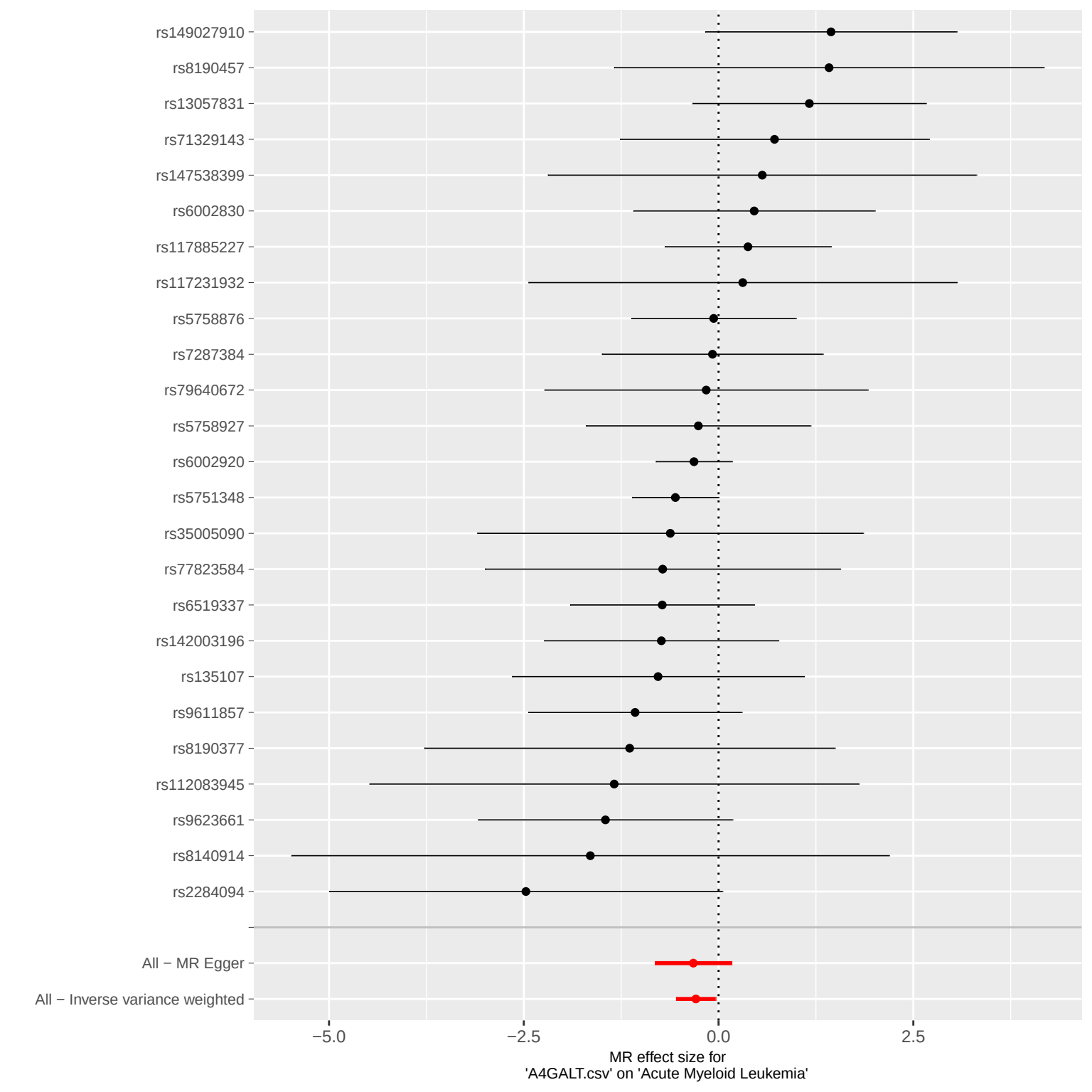
rs10771307
rs117902159
rs11048771
rs226407
rs10843036
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'A2M−AS1.csv' on 'Acute Myeloid Leukemia'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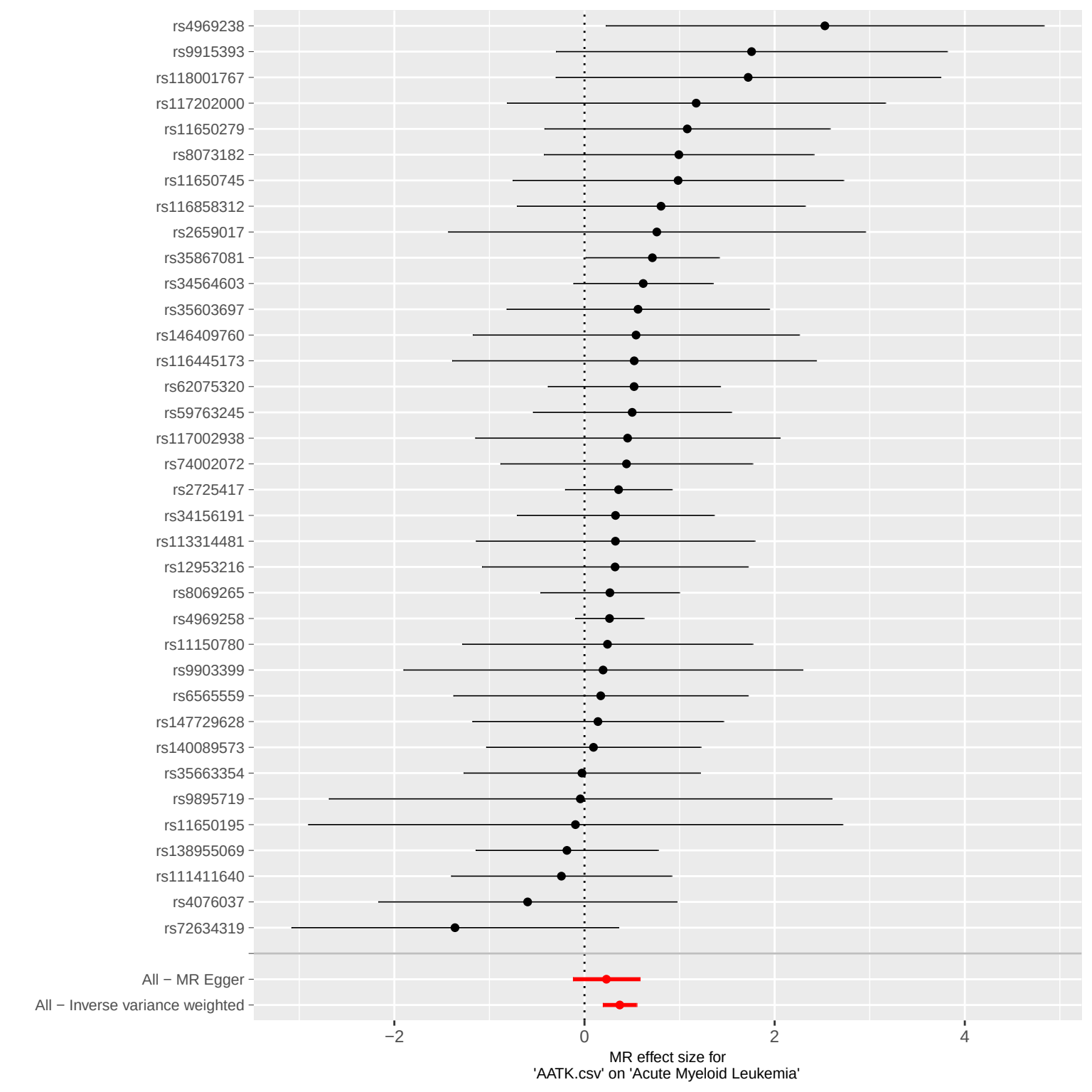
rs77823584
rs6519337
rs142003196
rs135107
rs9611857
rs8190377
rs112083945
rs9623661
rs8140914
rs2284094
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'A4GALT.csv' on 'Acute Myeloid Leukemia'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rs113314481
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rs8069265
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rs11150780
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rs147729628
rs140089573
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rs9895719
rs11650195
rs138955069
rs111411640
rs4076037
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All − MR Egger
All − Inverse variance weighted
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0
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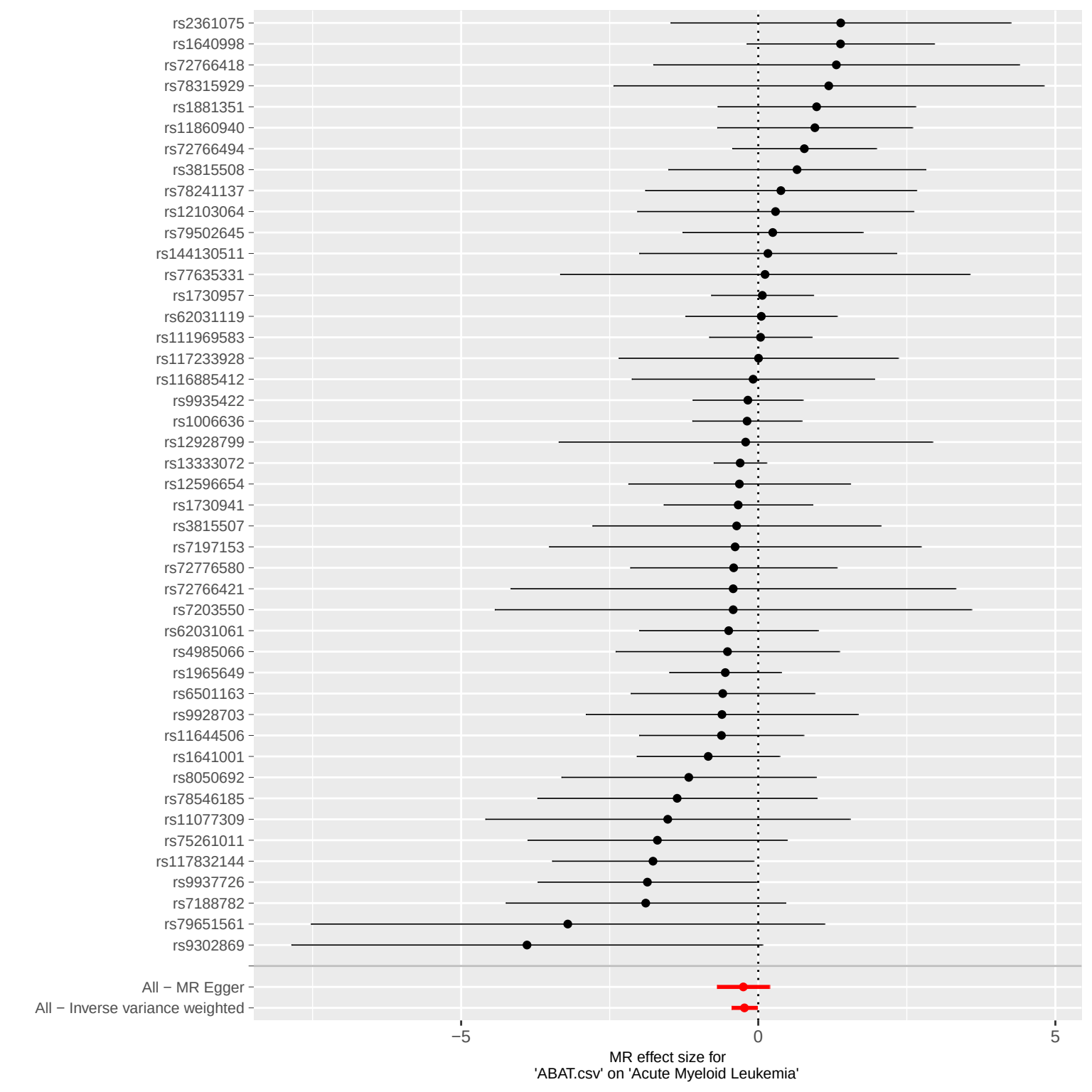
4
MR effect size for
'AATK.csv' on 'Acute Myeloid Leukemia'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rs13333072
rs12596654
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rs7203550
rs62031061
rs4985066
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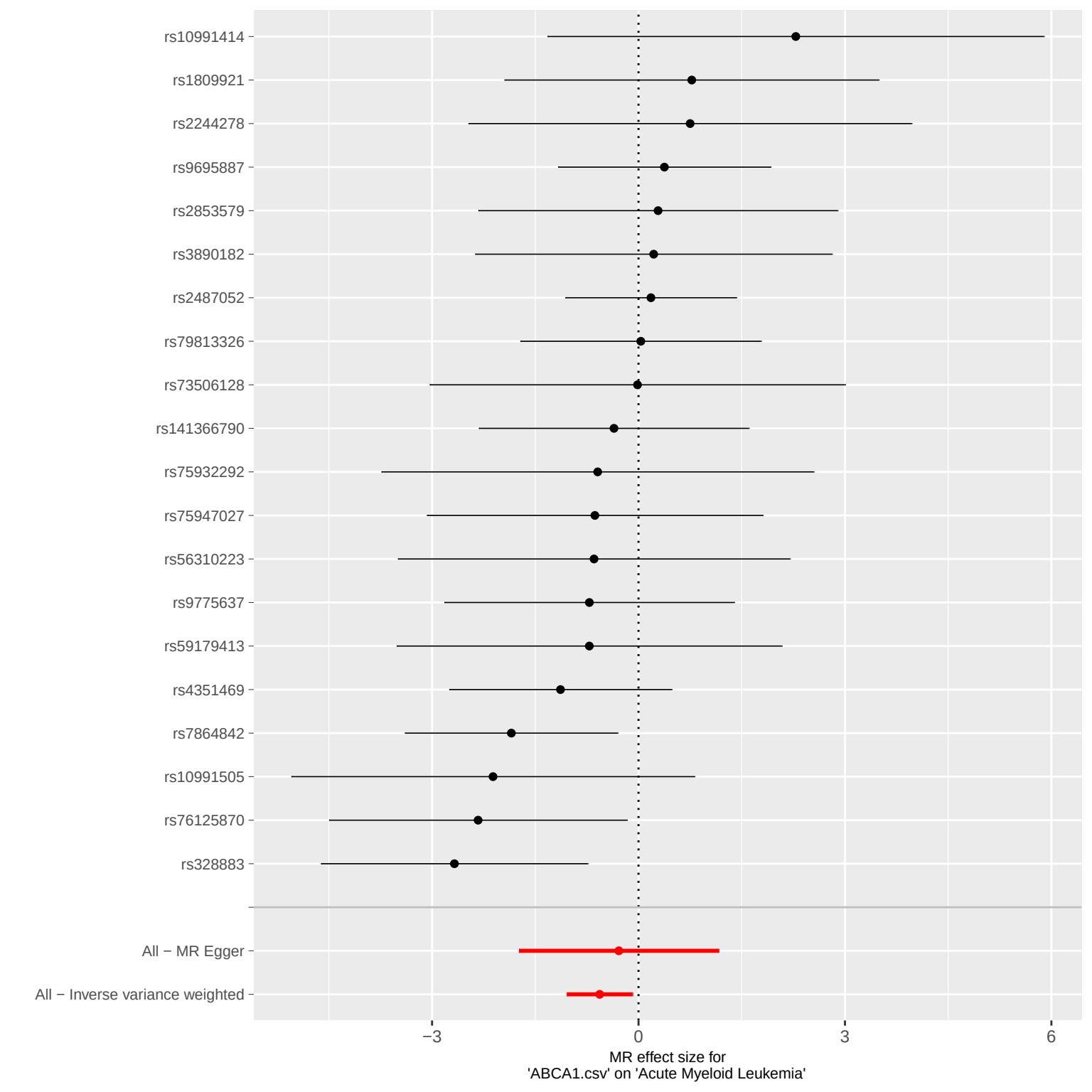
rs6501163
rs9928703
rs11644506
rs1641001
rs8050692
rs78546185
rs11077309
rs75261011
rs117832144
rs9937726
rs7188782
rs79651561
rs9302869
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'ABAT.csv' on 'Acute Myeloid Leukemia'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rs75947027
rs56310223
rs9775637
rs59179413
rs4351469
rs7864842
rs10991505
rs76125870
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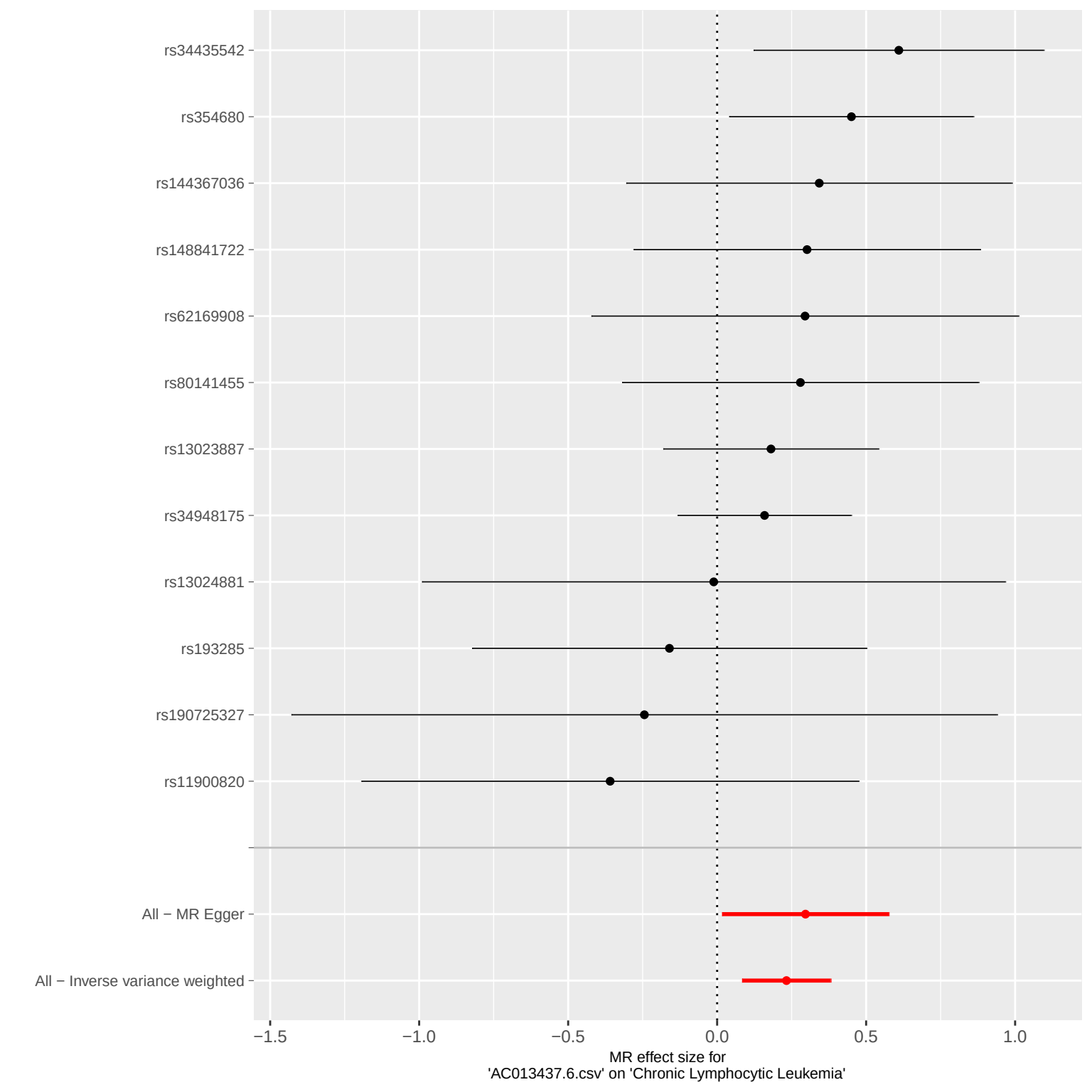
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'ABCA1.csv' on 'Acute Myeloid Leukemia'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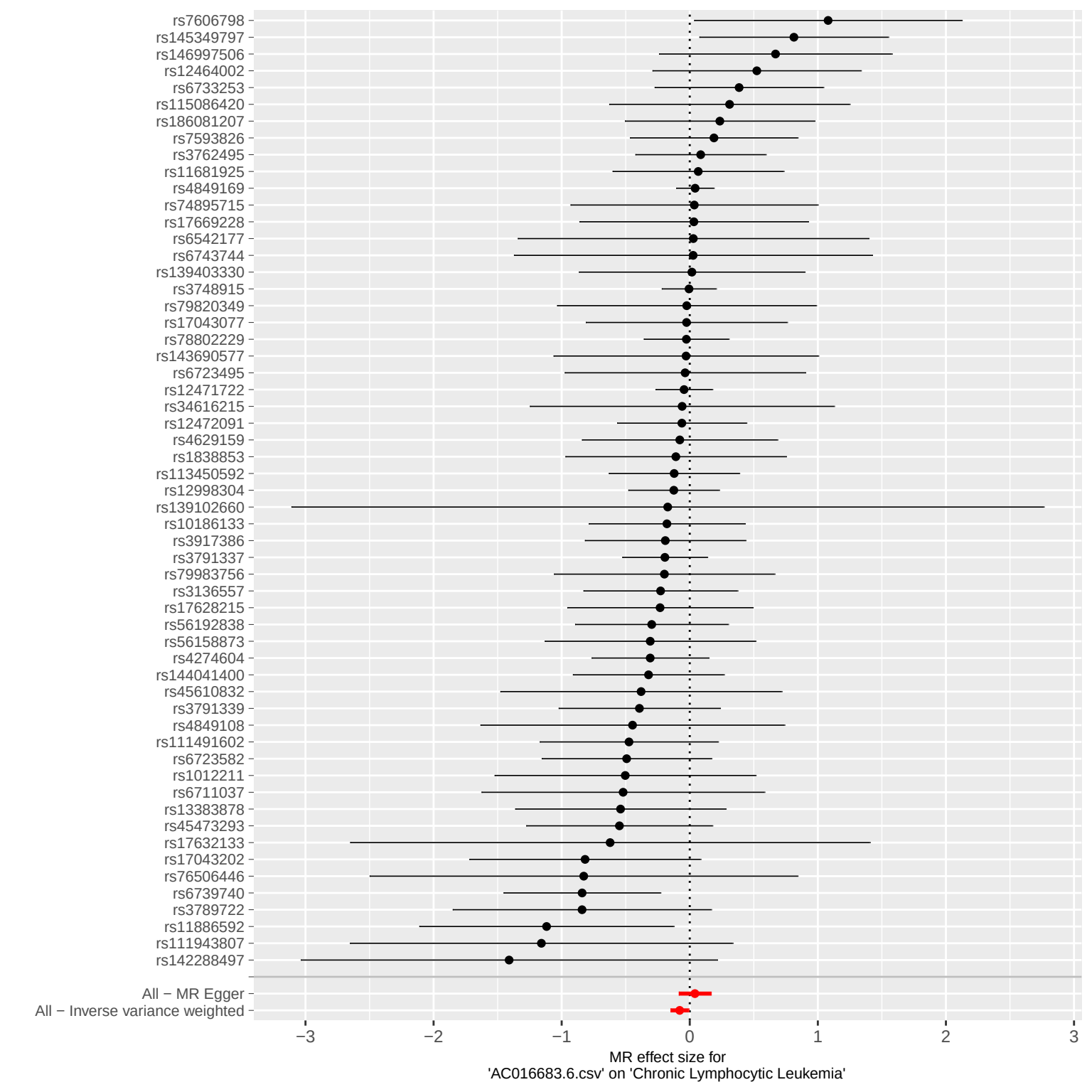
rs80141455
rs13023887
rs34948175
rs13024881
rs193285
rs190725327
rs11900820
All − MR Egger
All − Inverse variance weighted
−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'AC013437.6.csv' on 'Chronic Lymphocytic Leukemia'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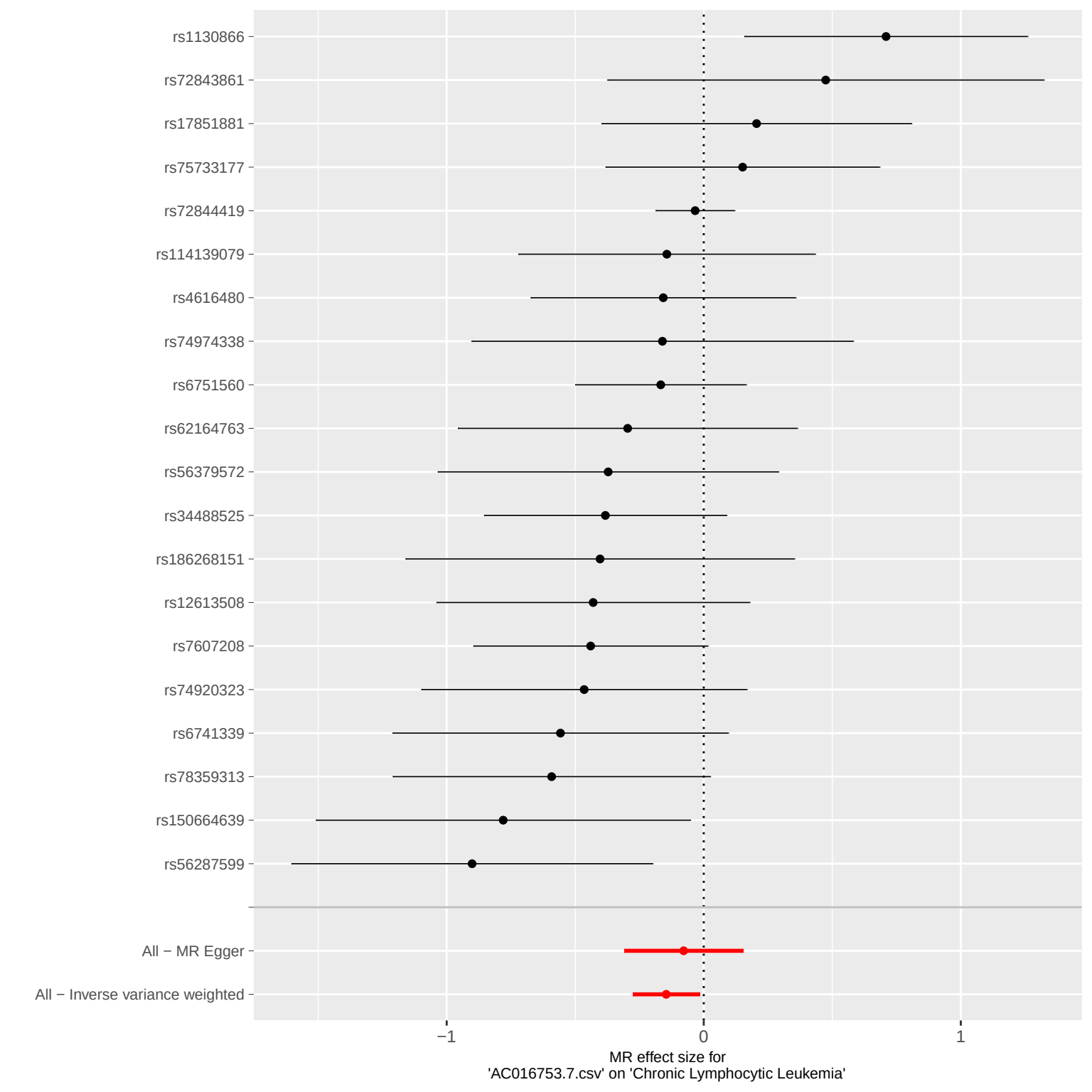
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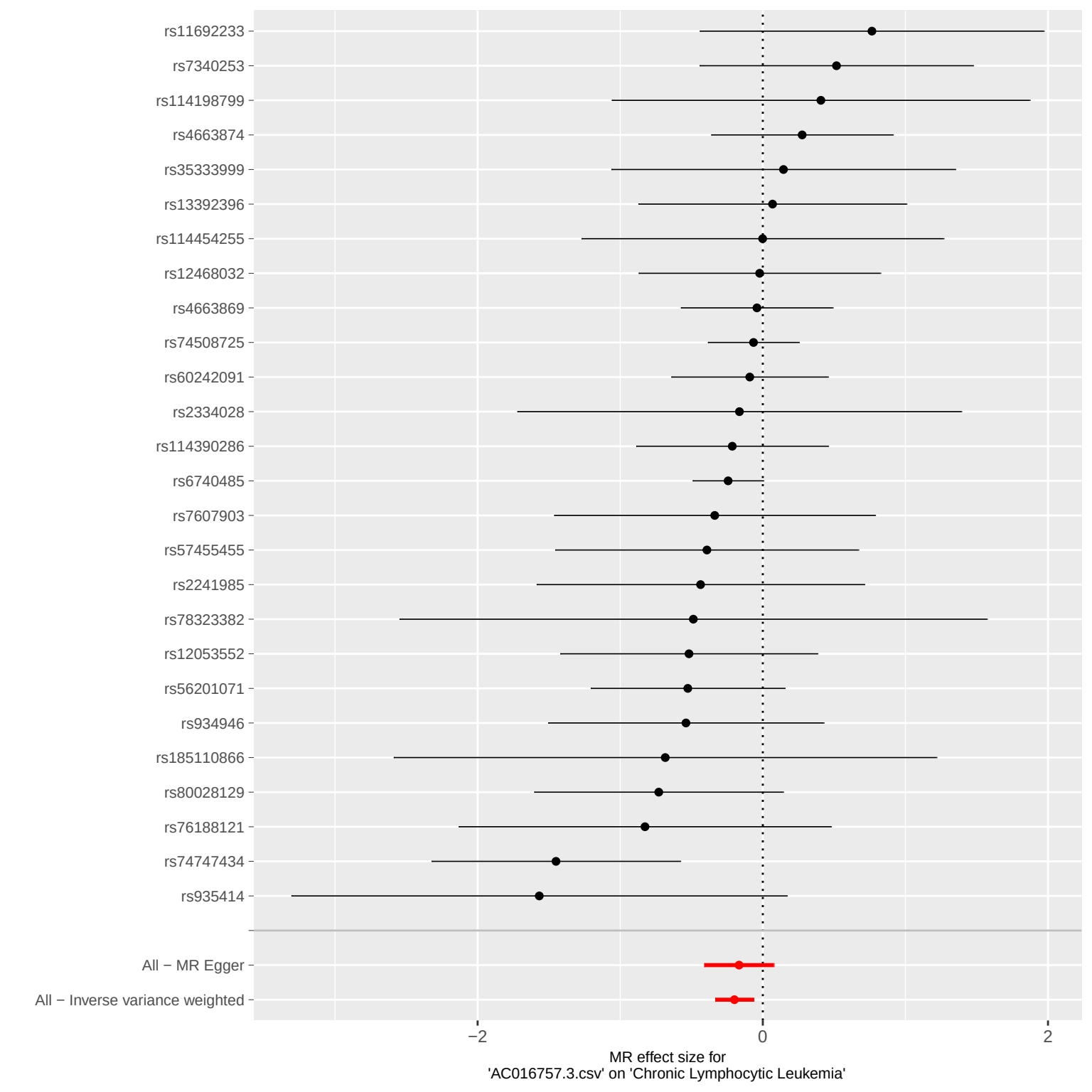
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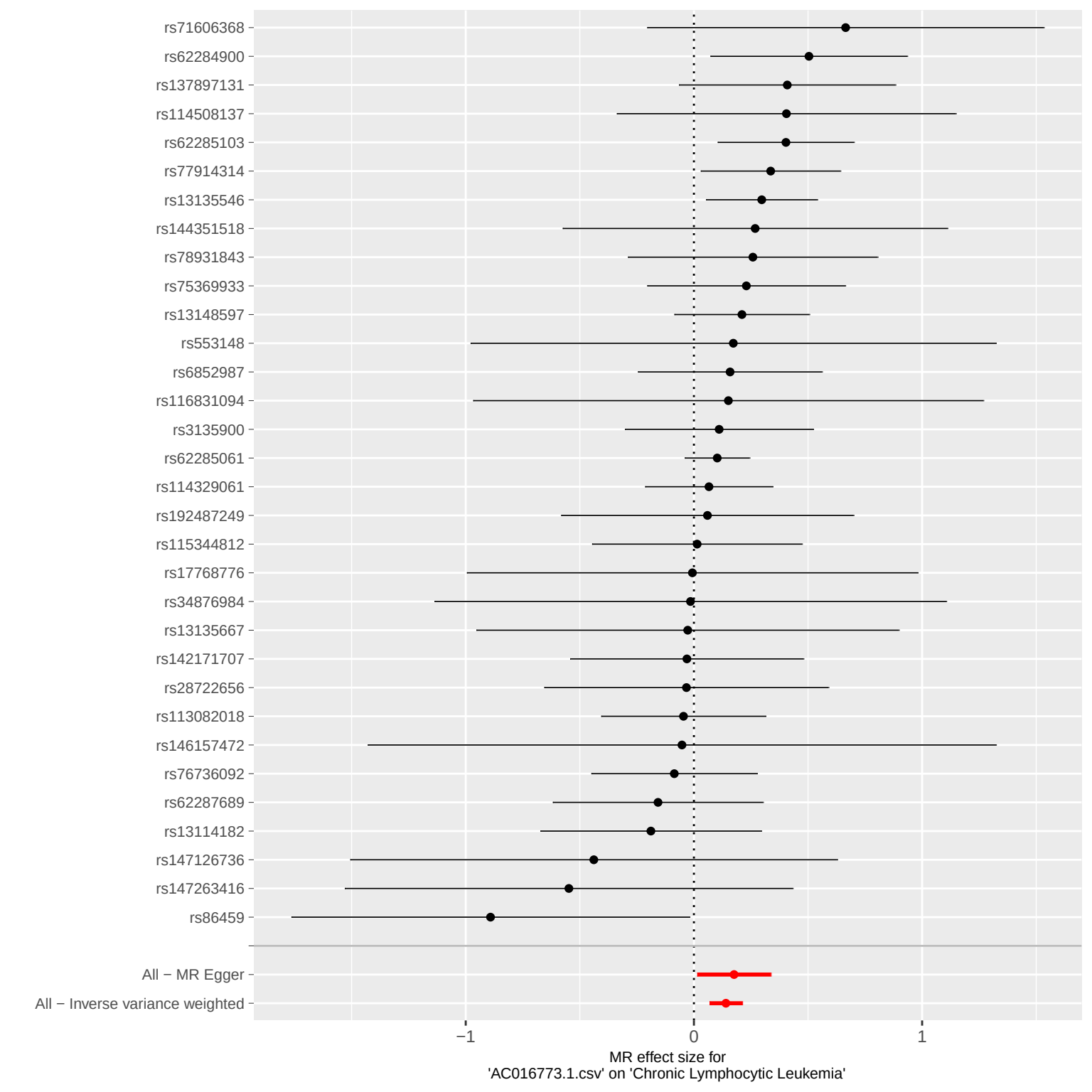
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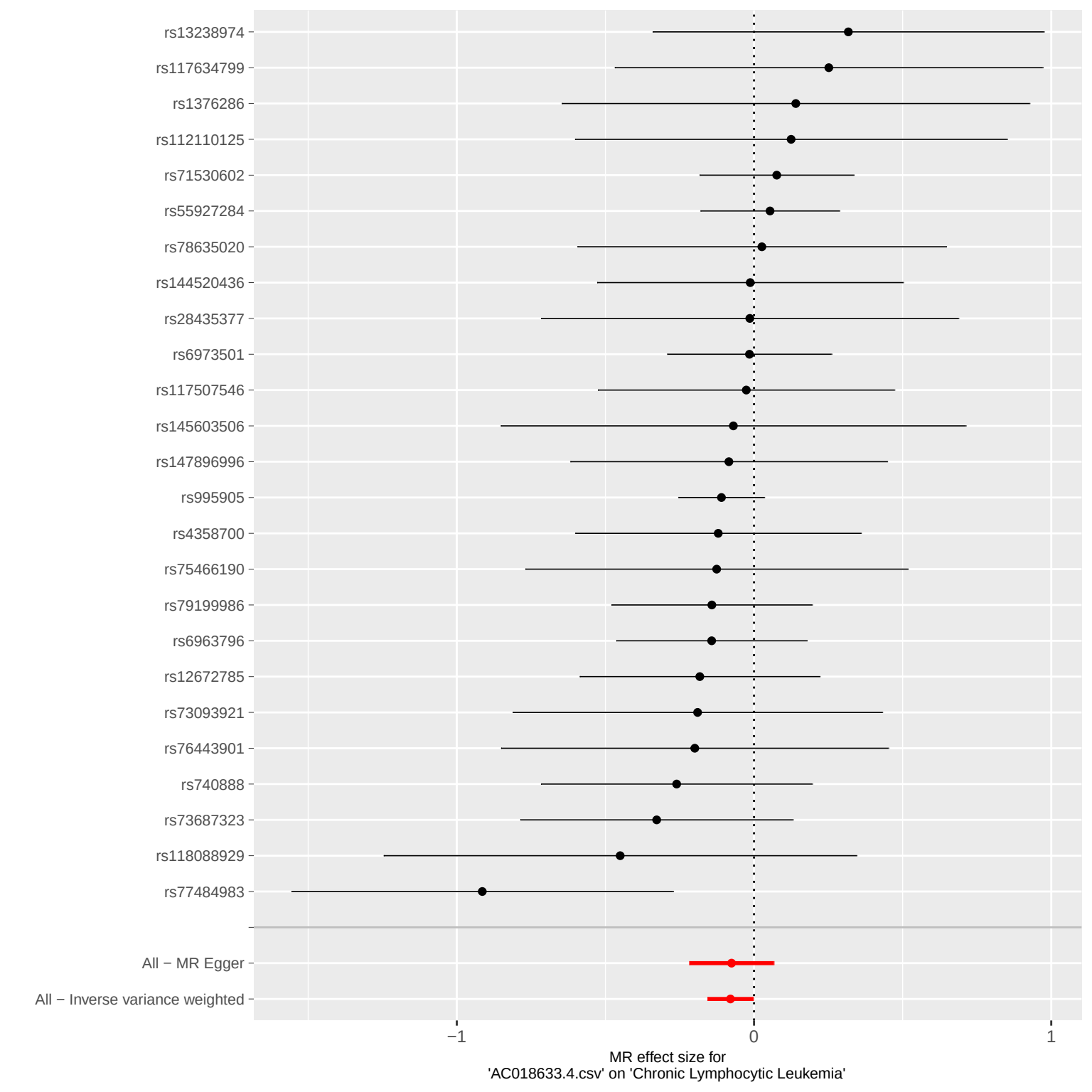
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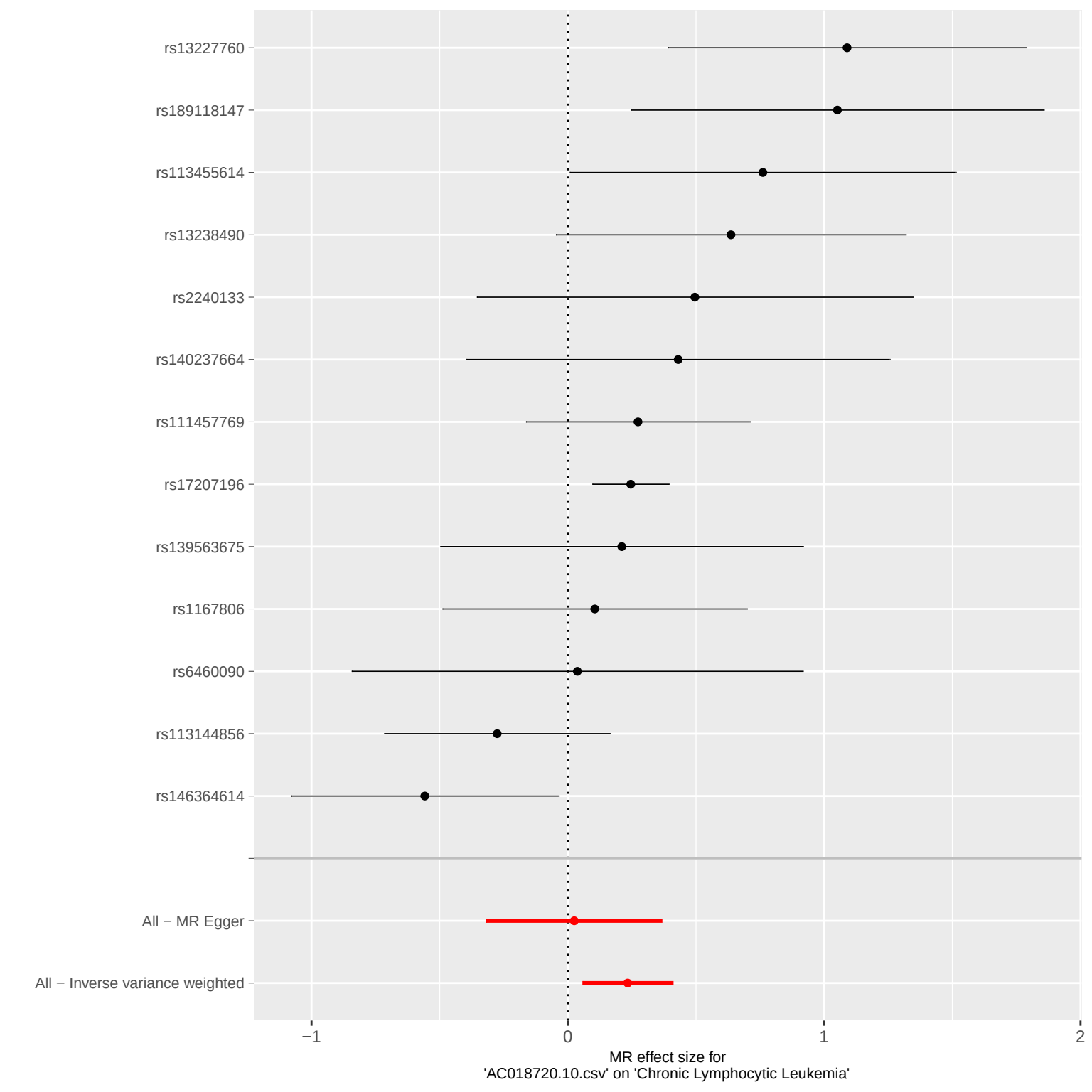
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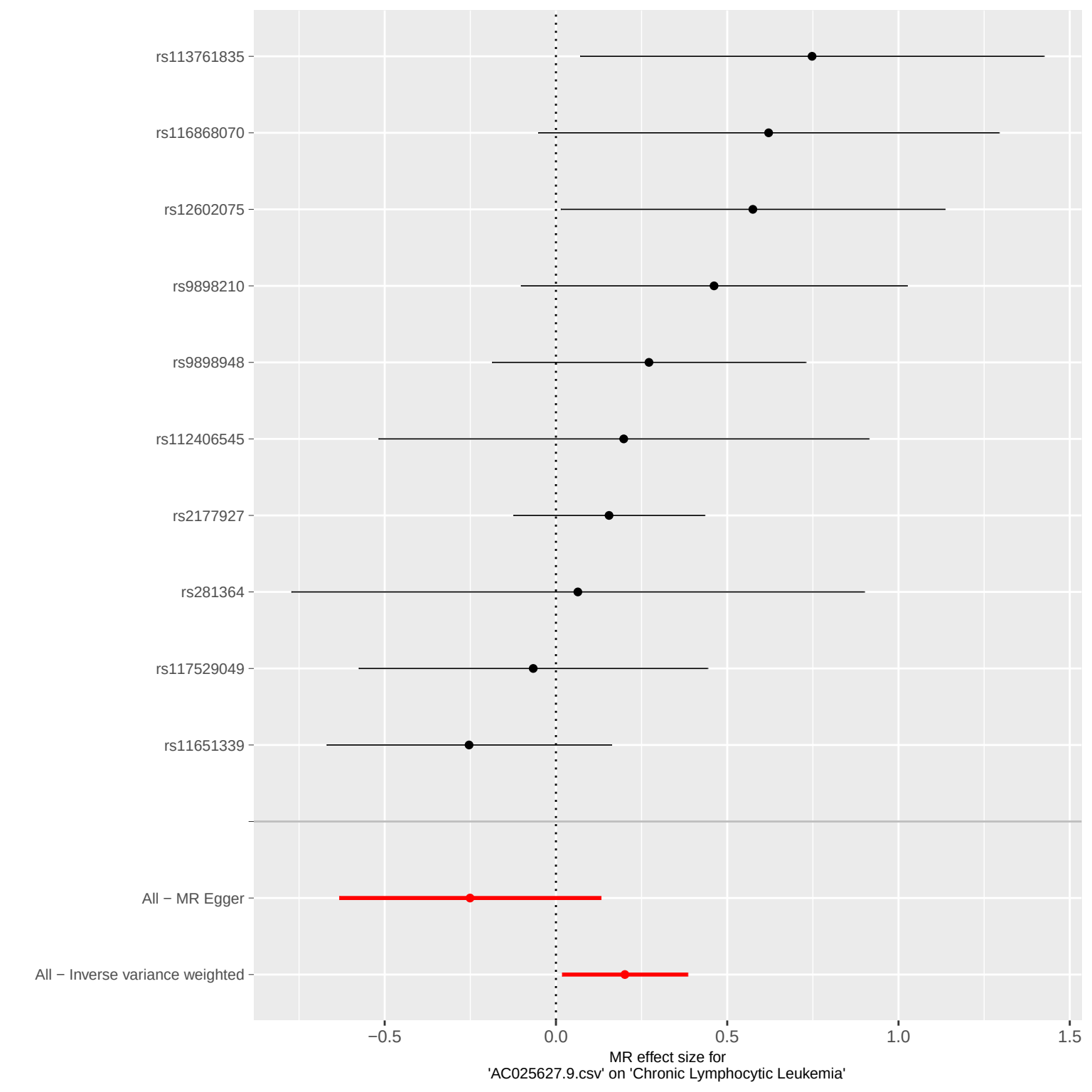
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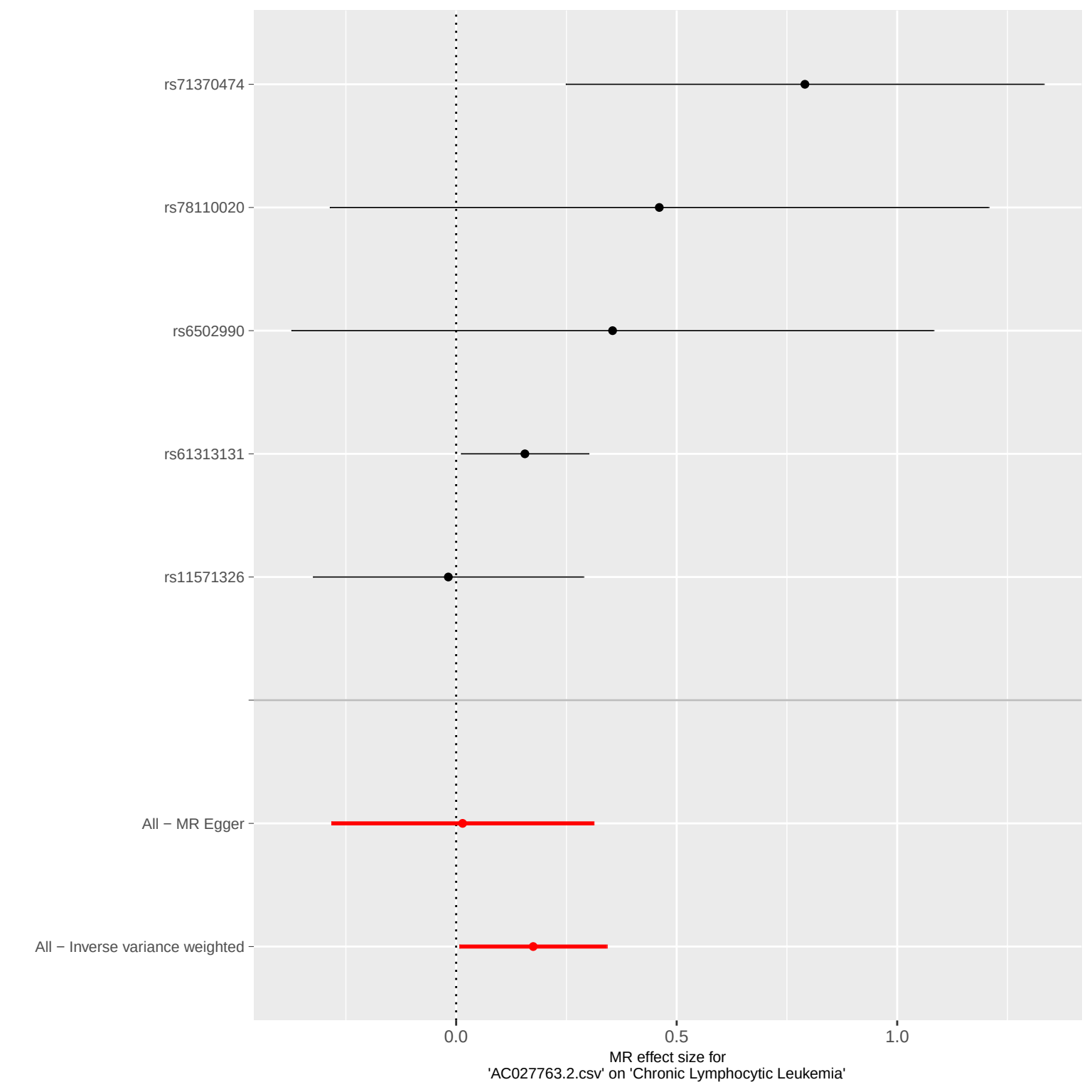
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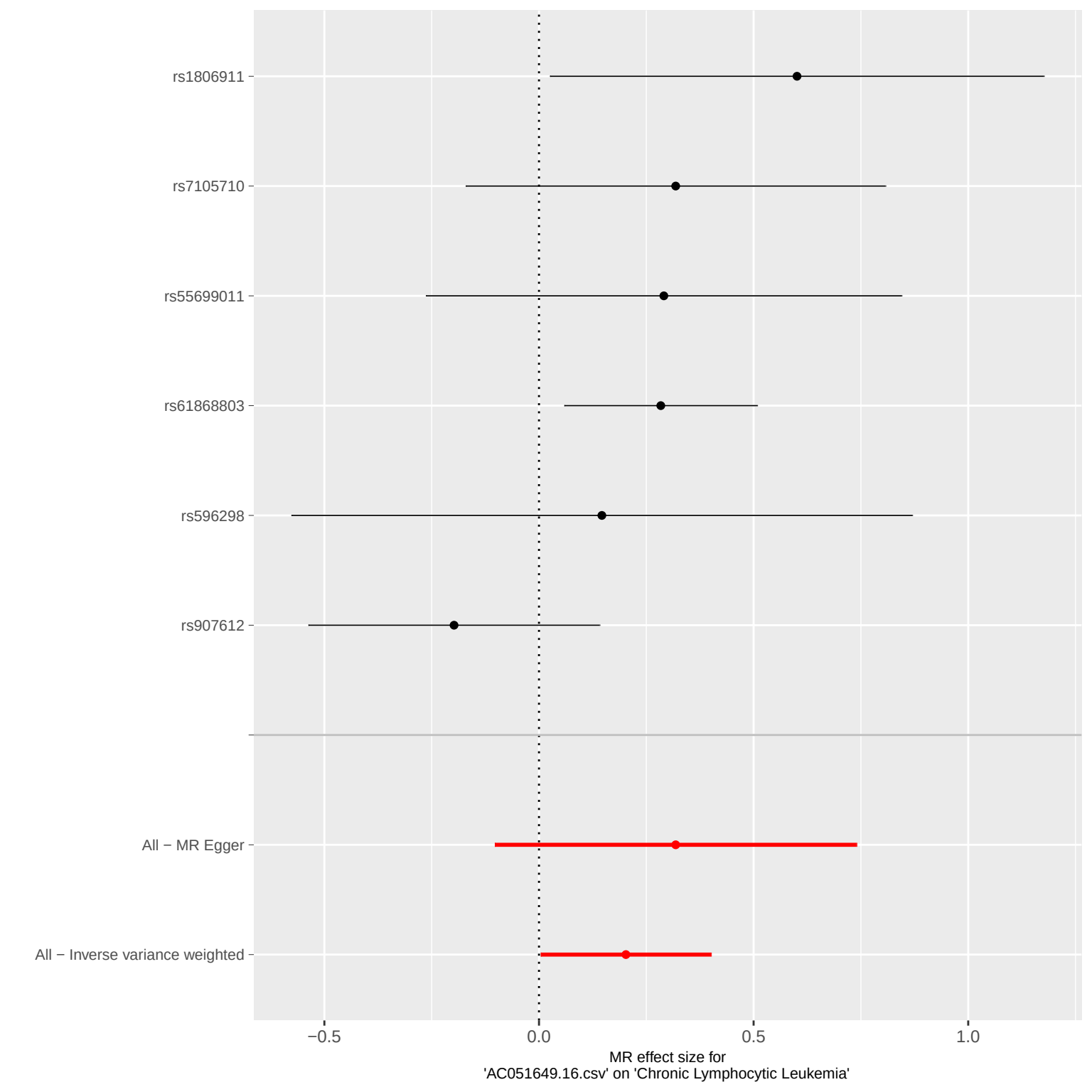
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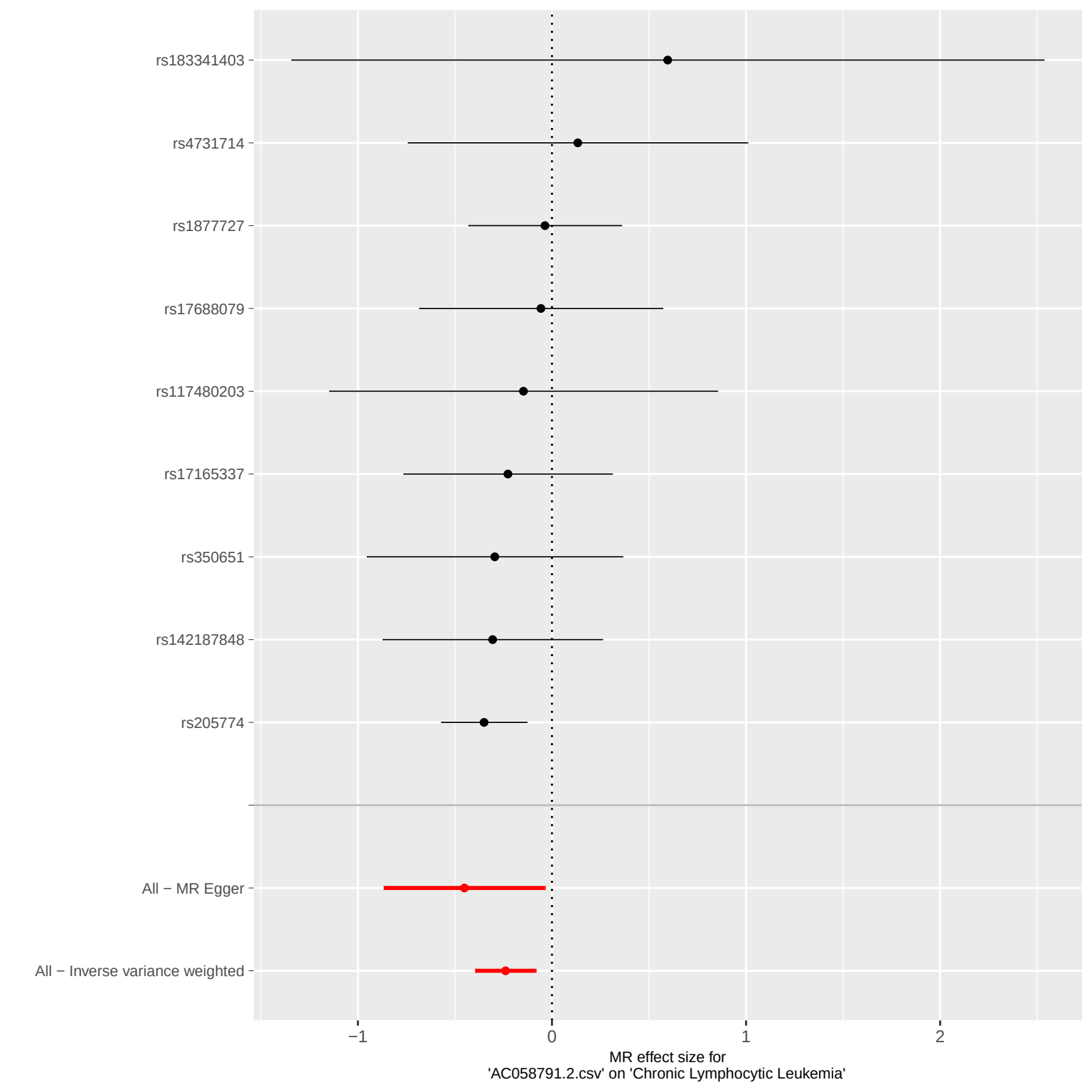
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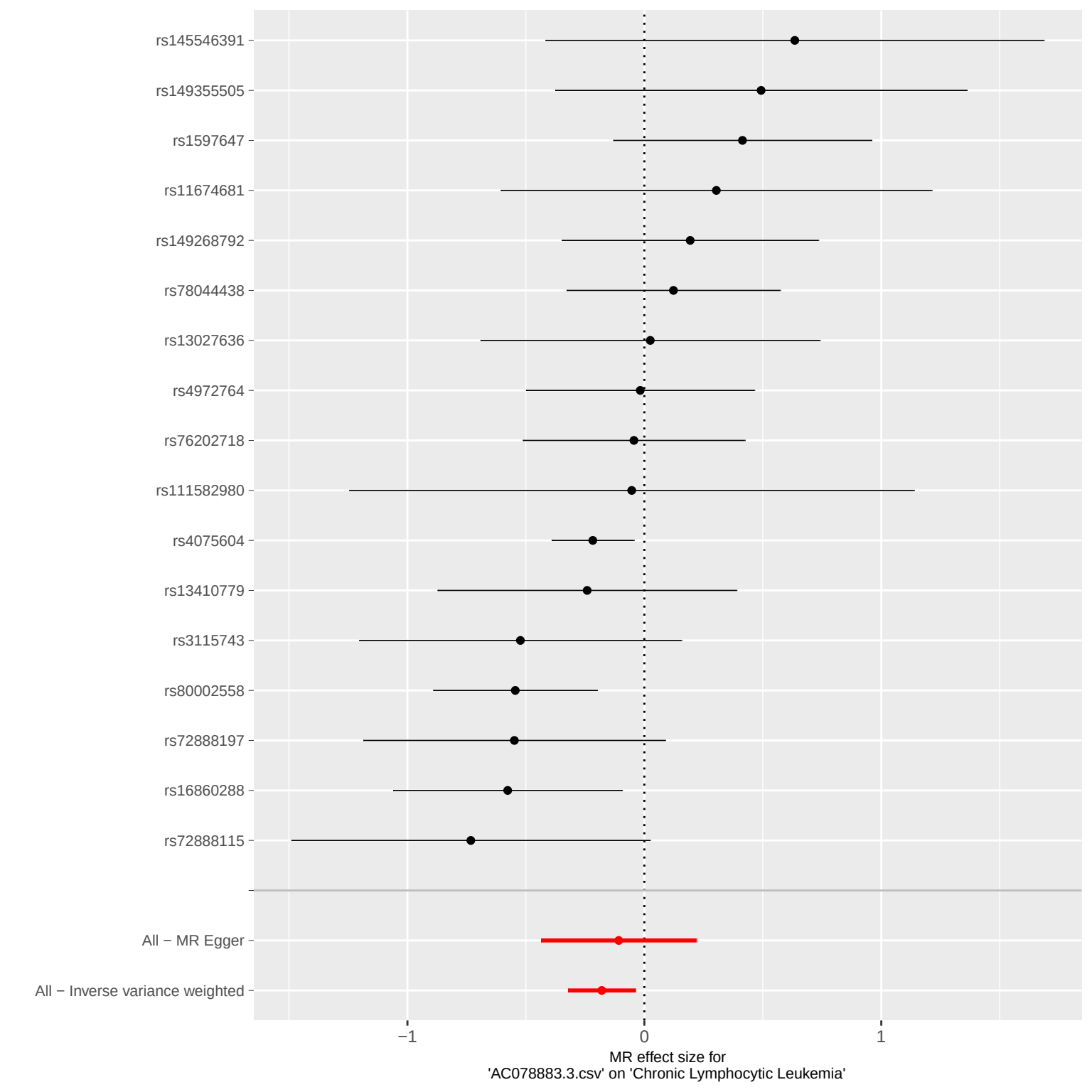
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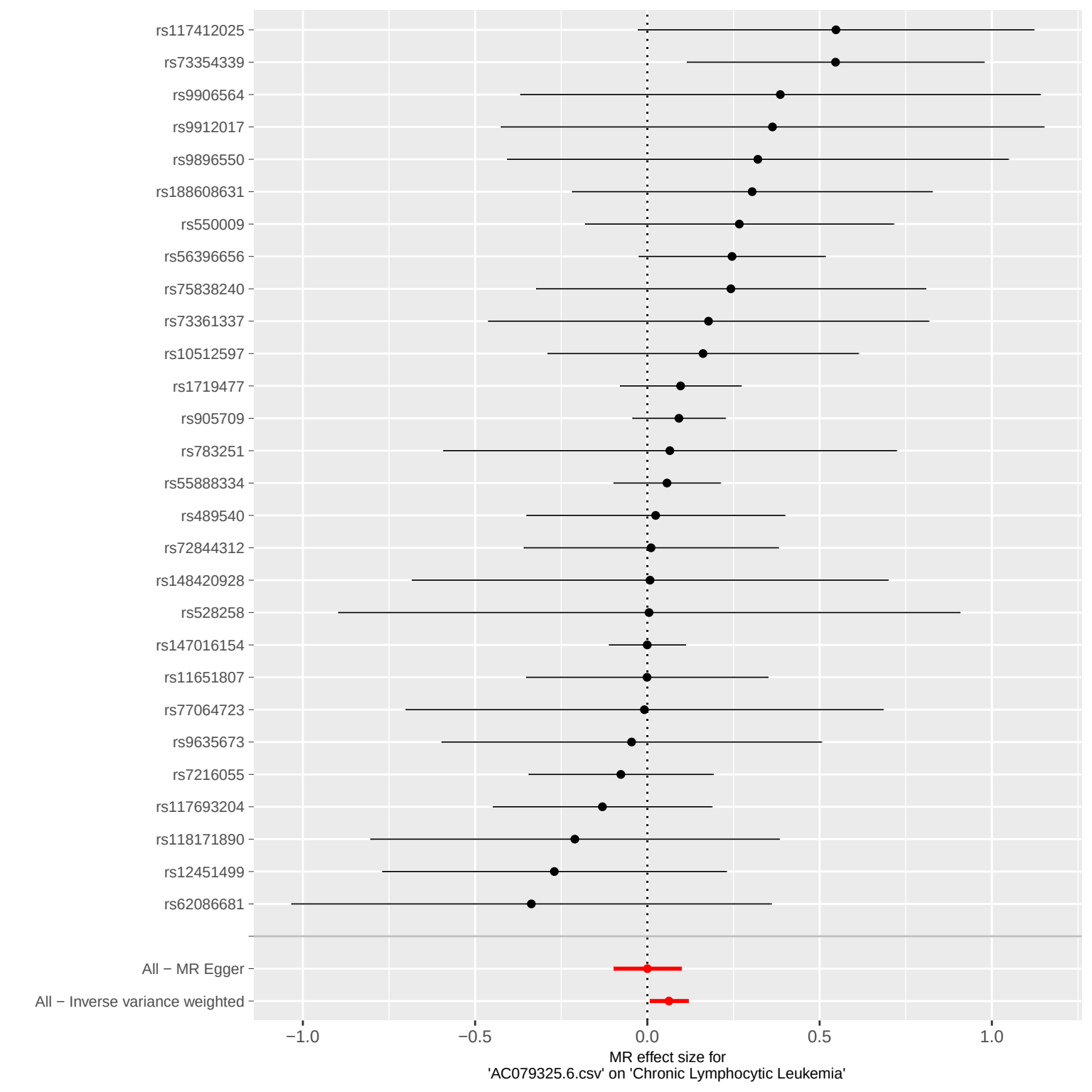
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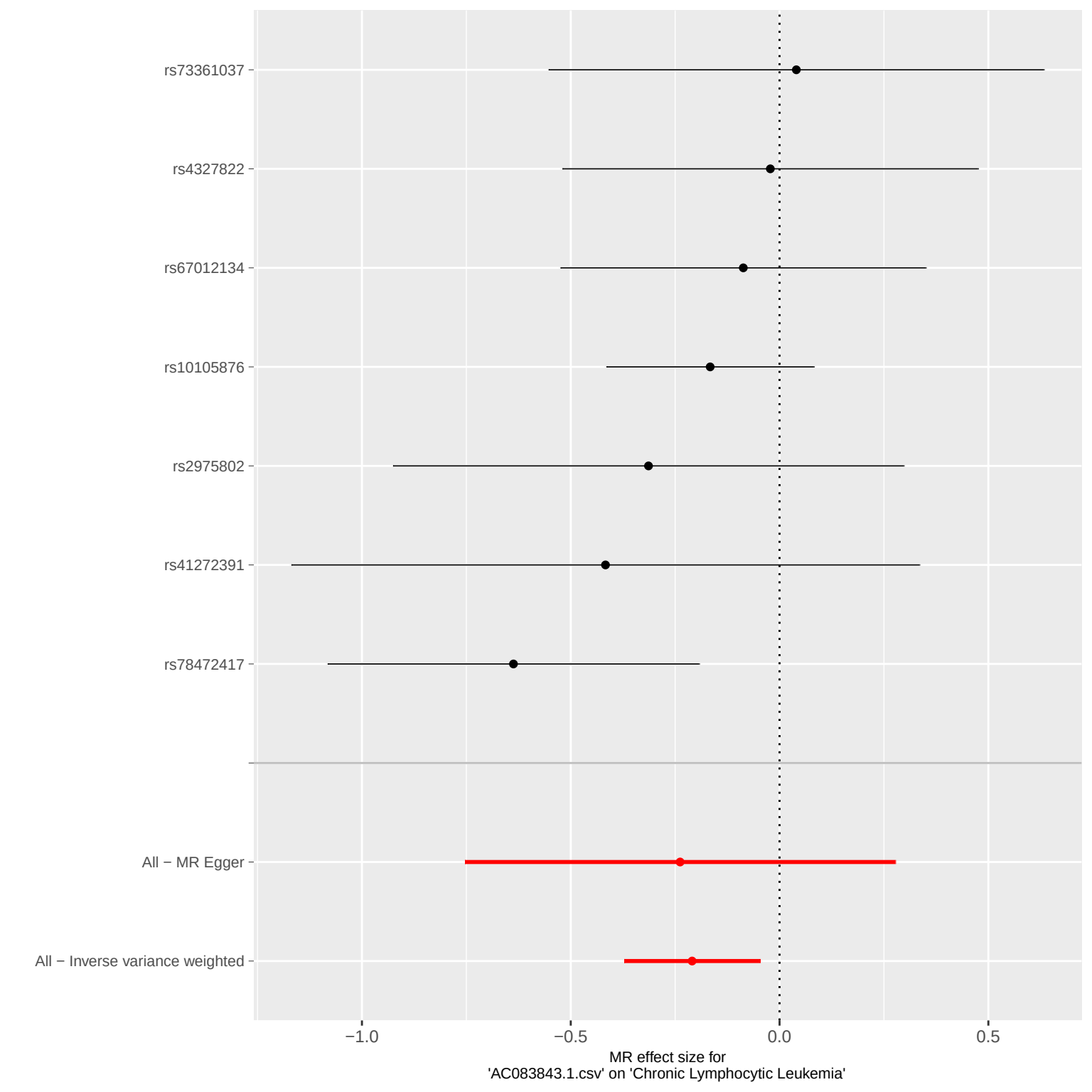
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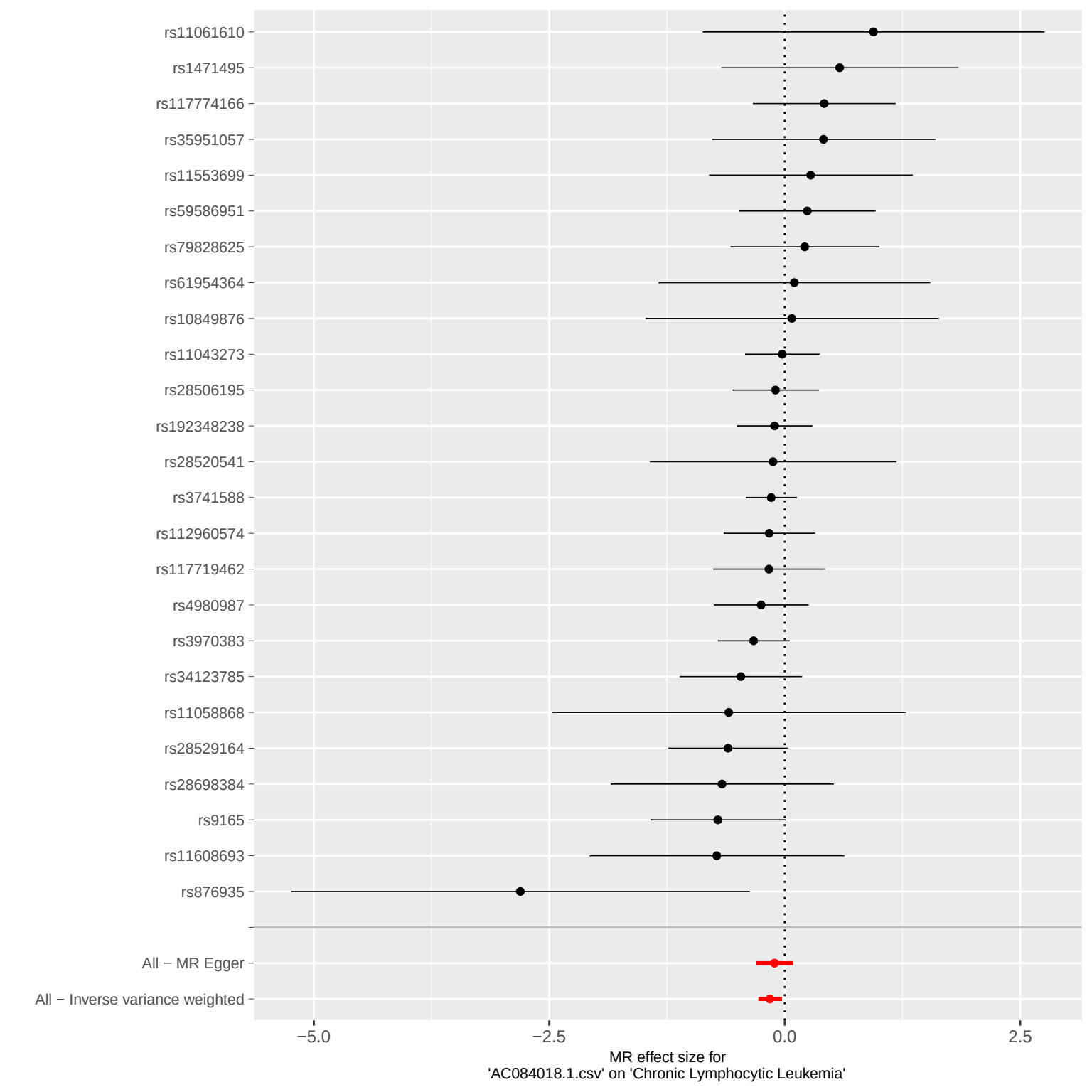
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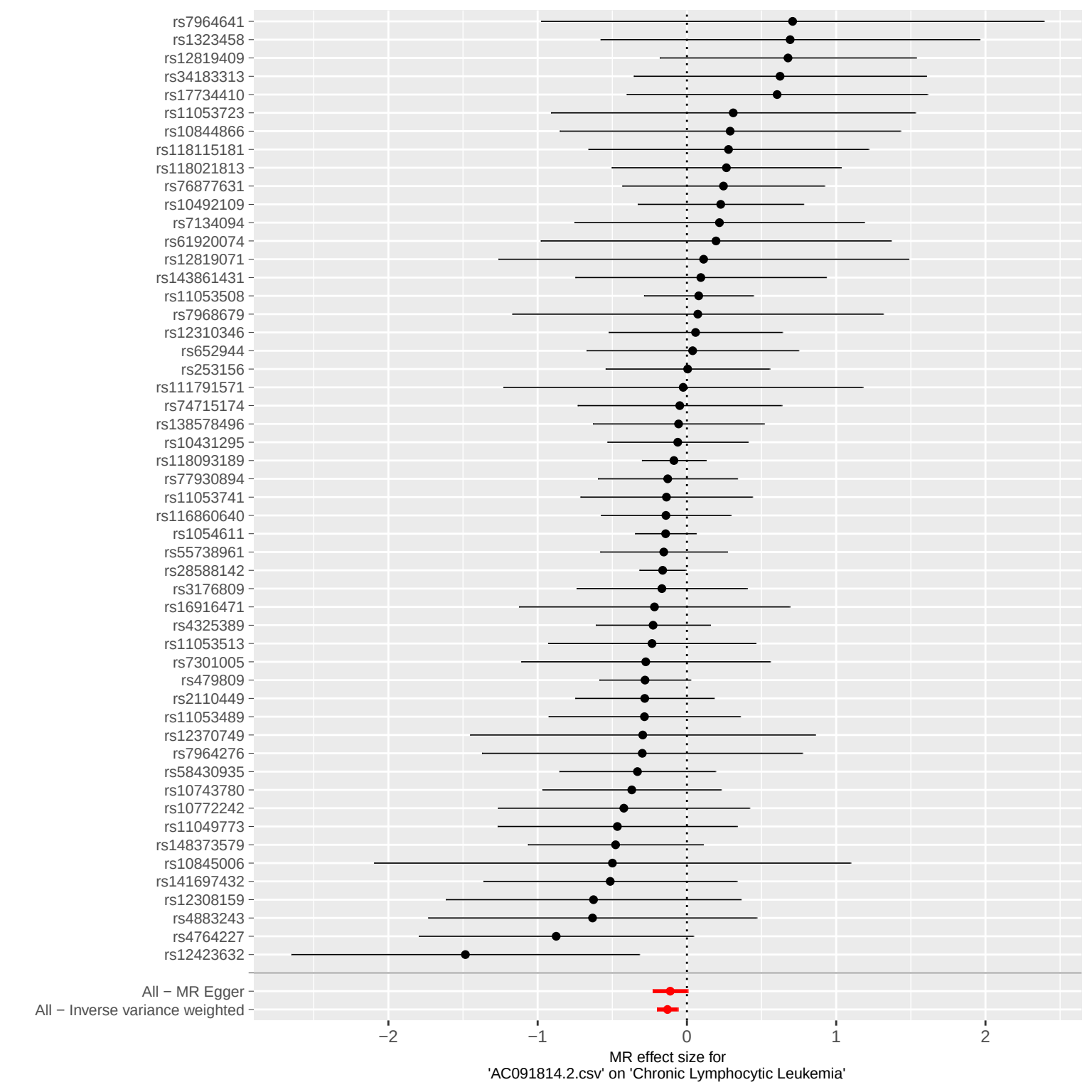
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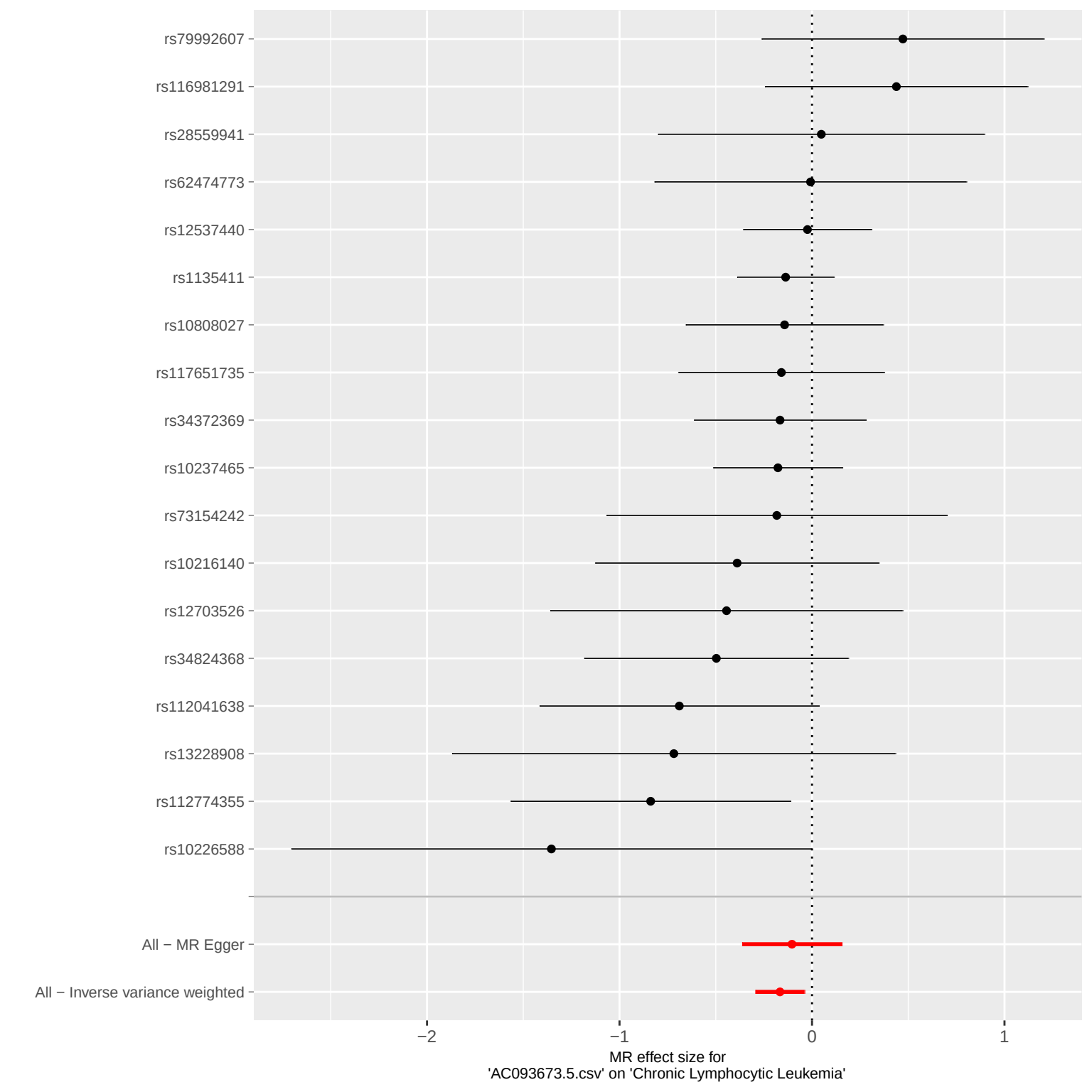
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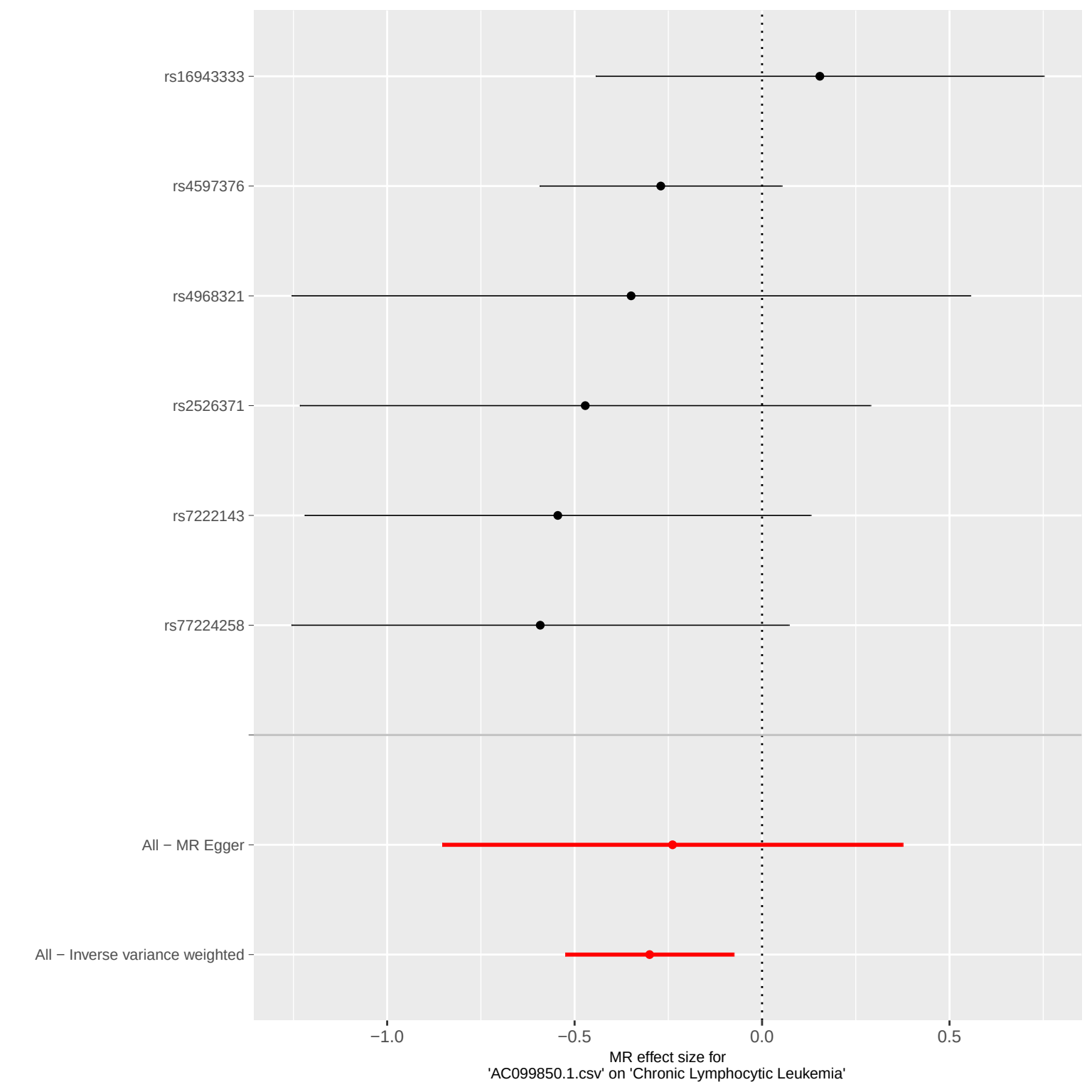
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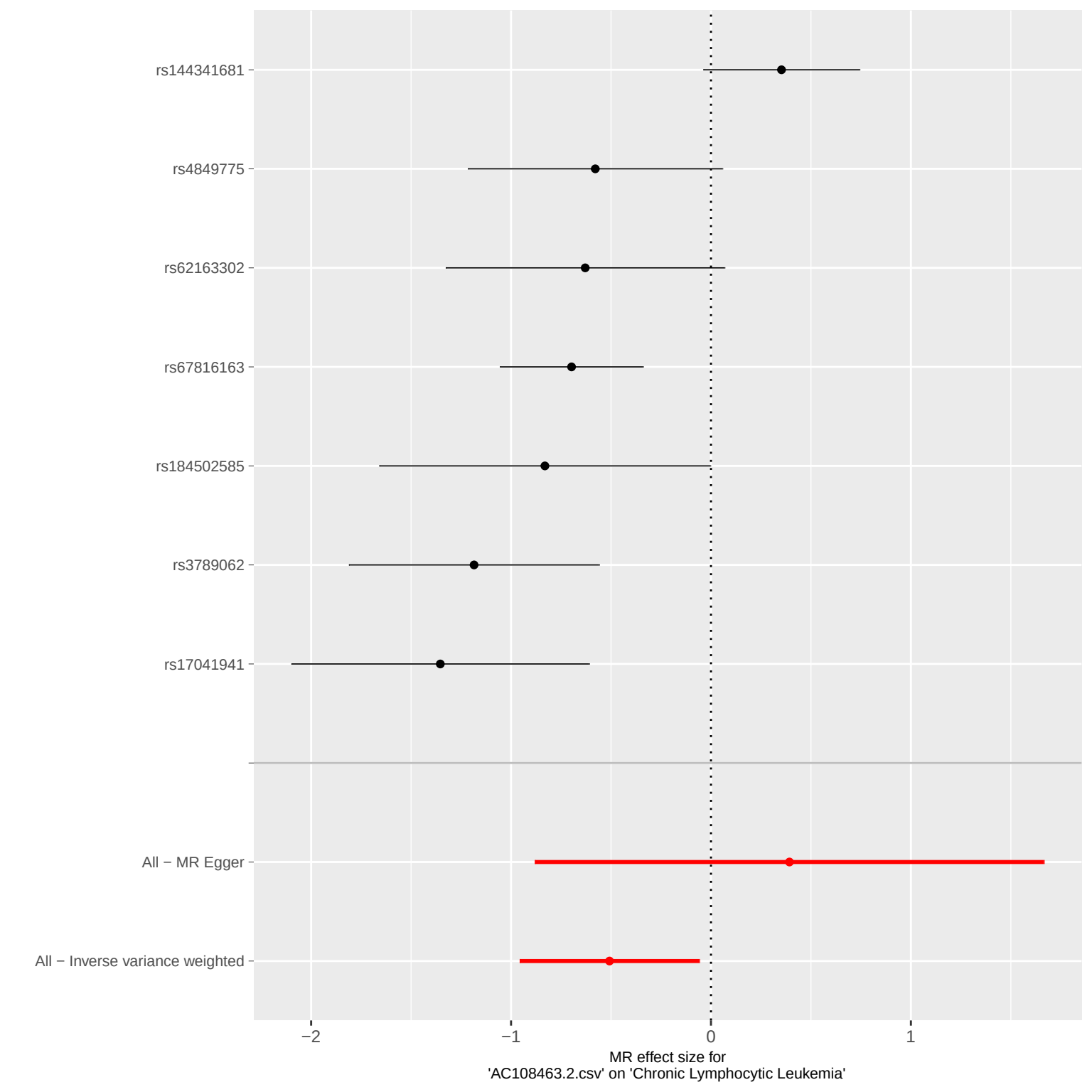
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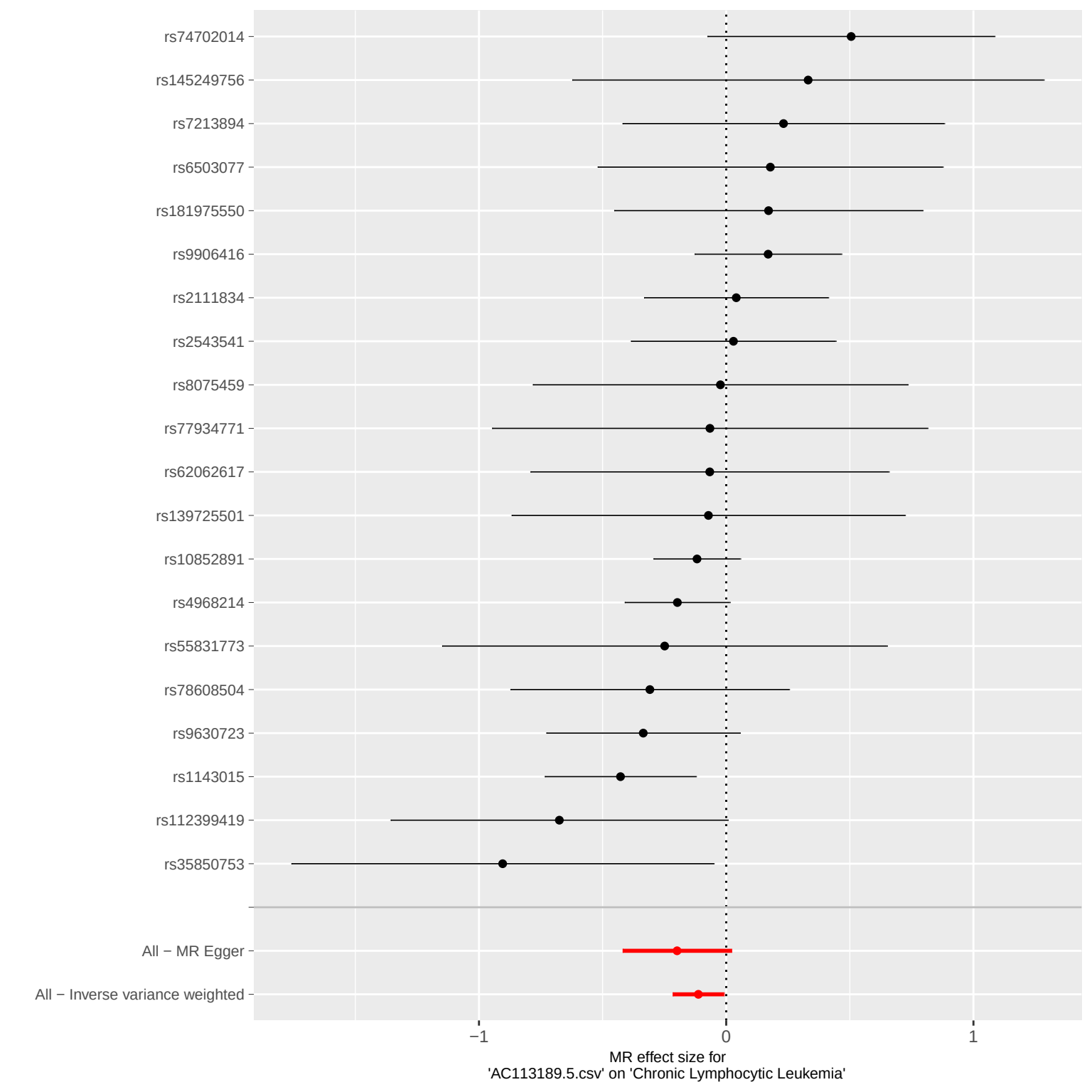
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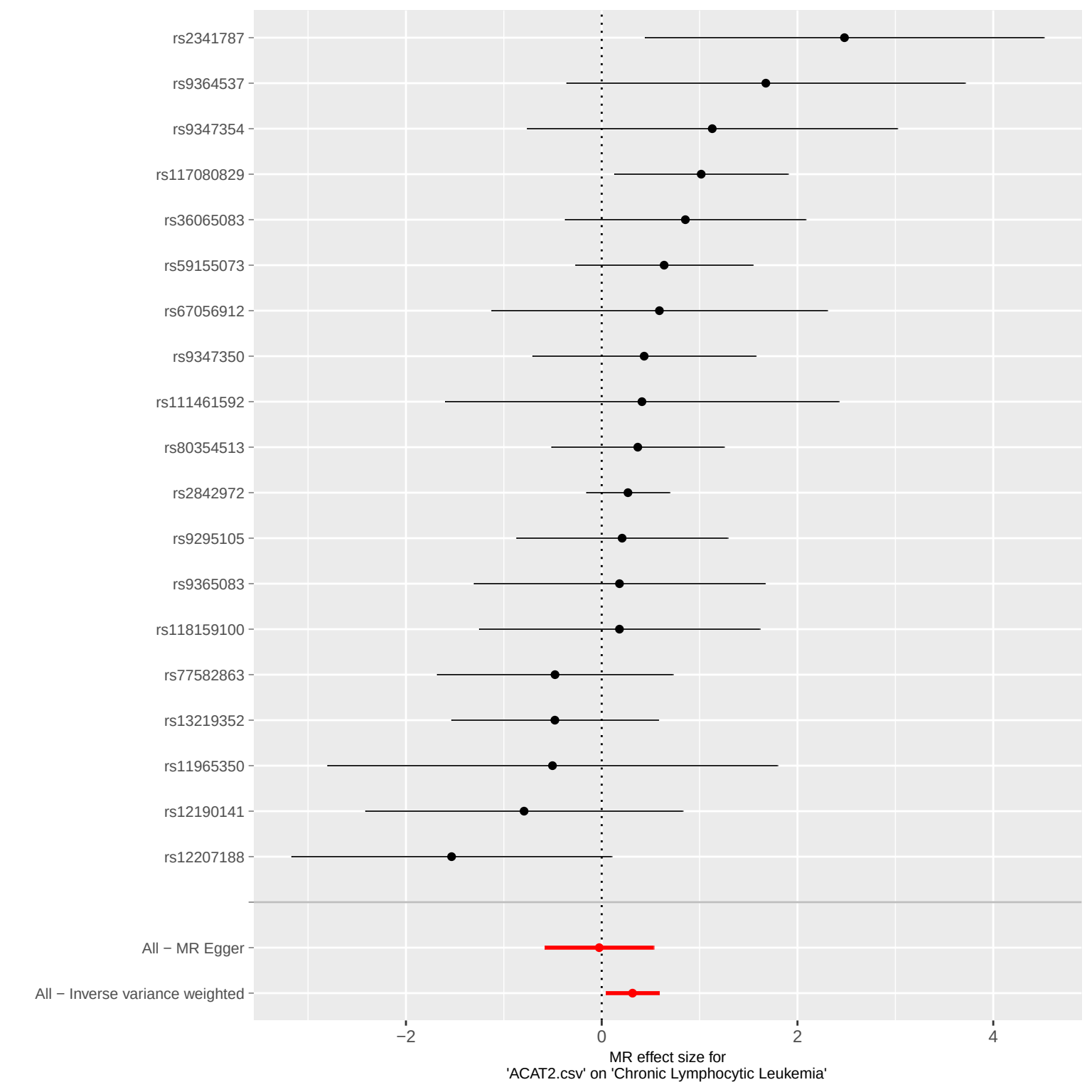
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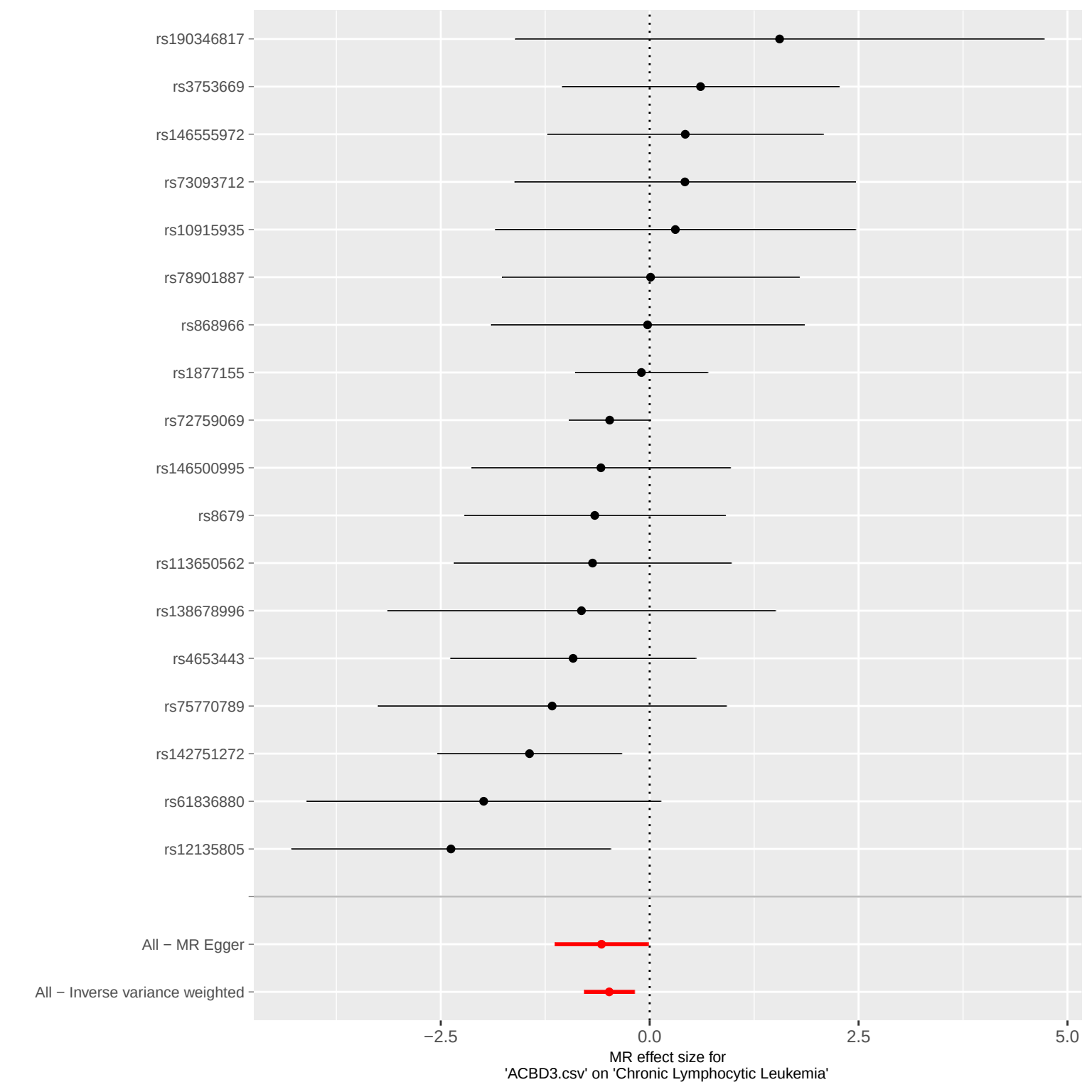
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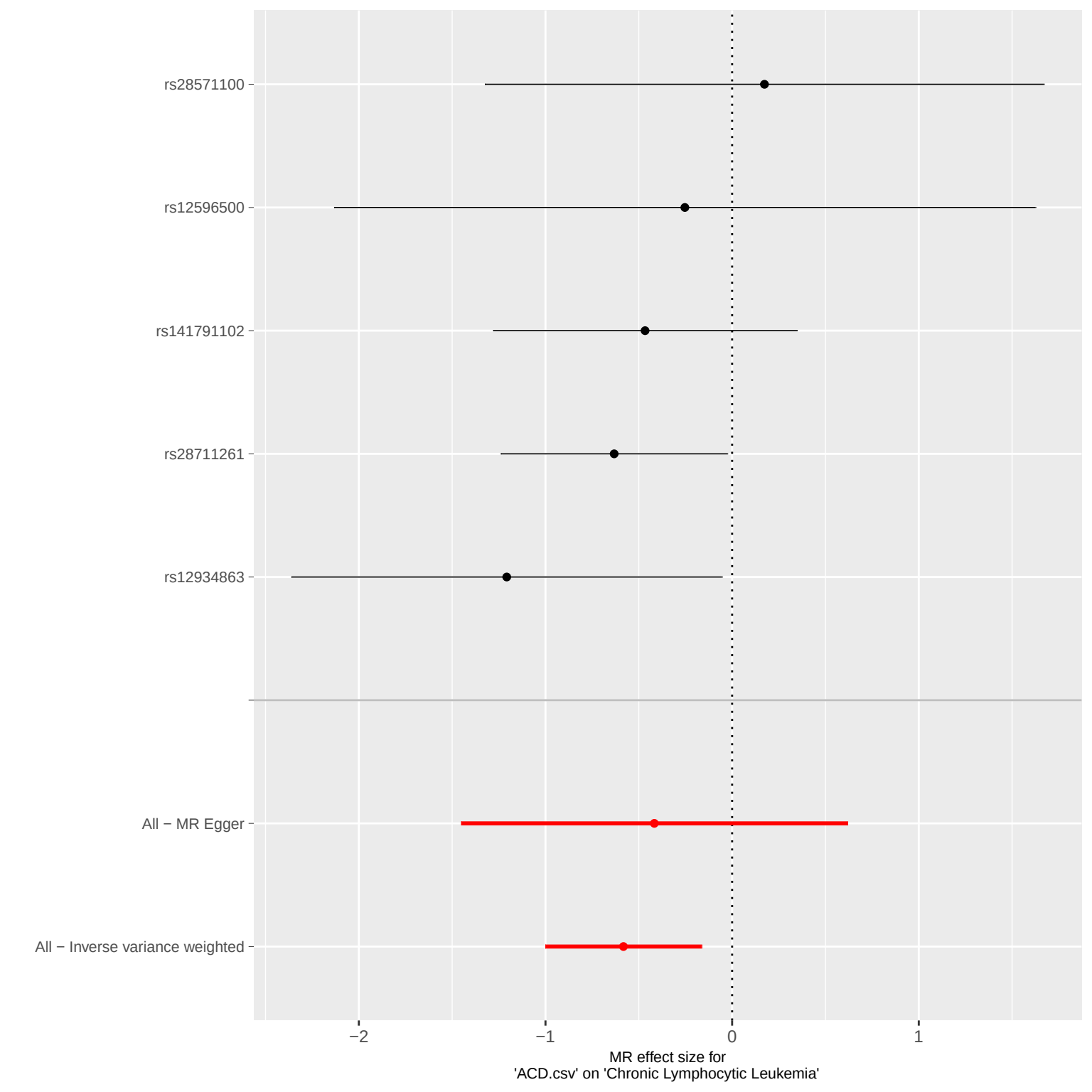
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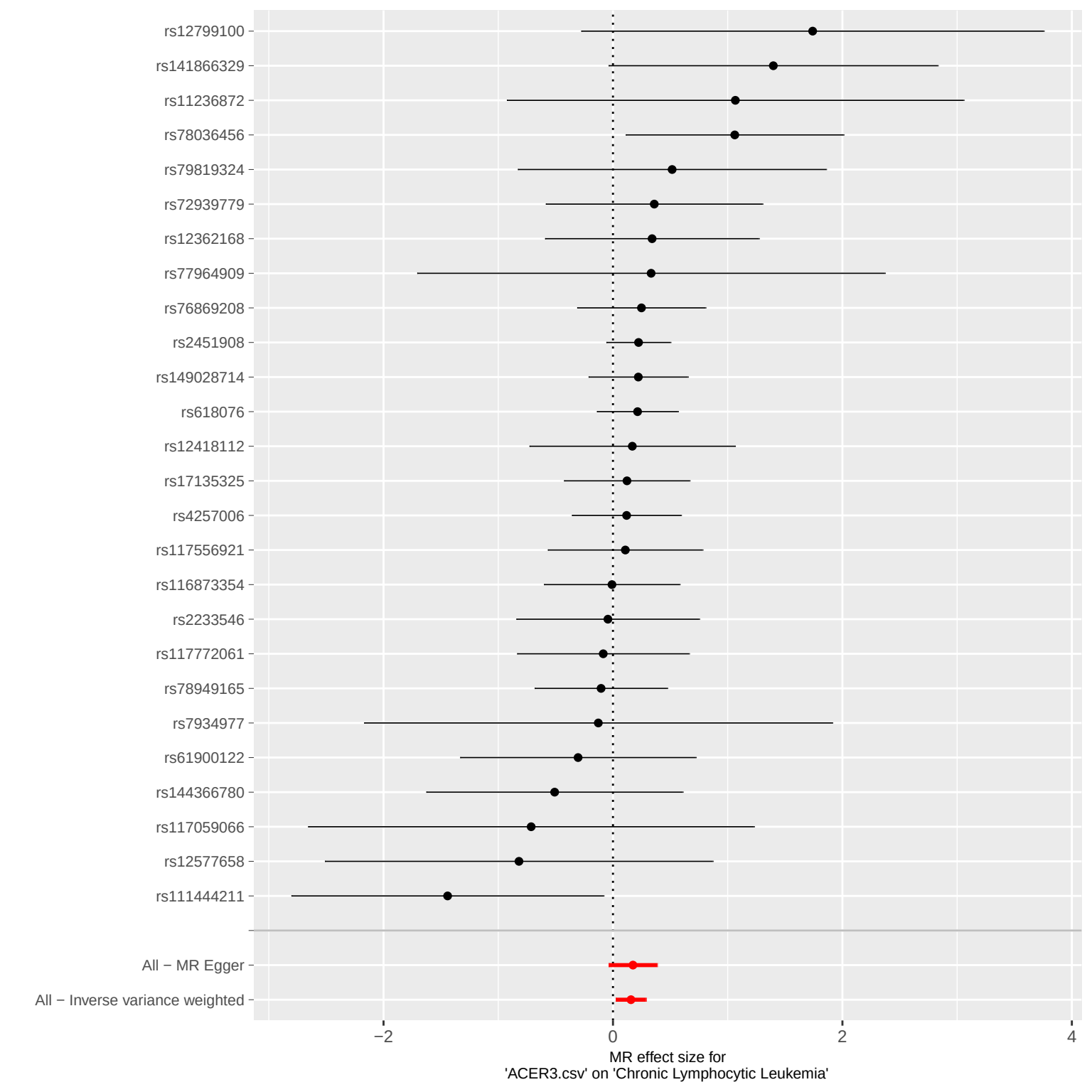
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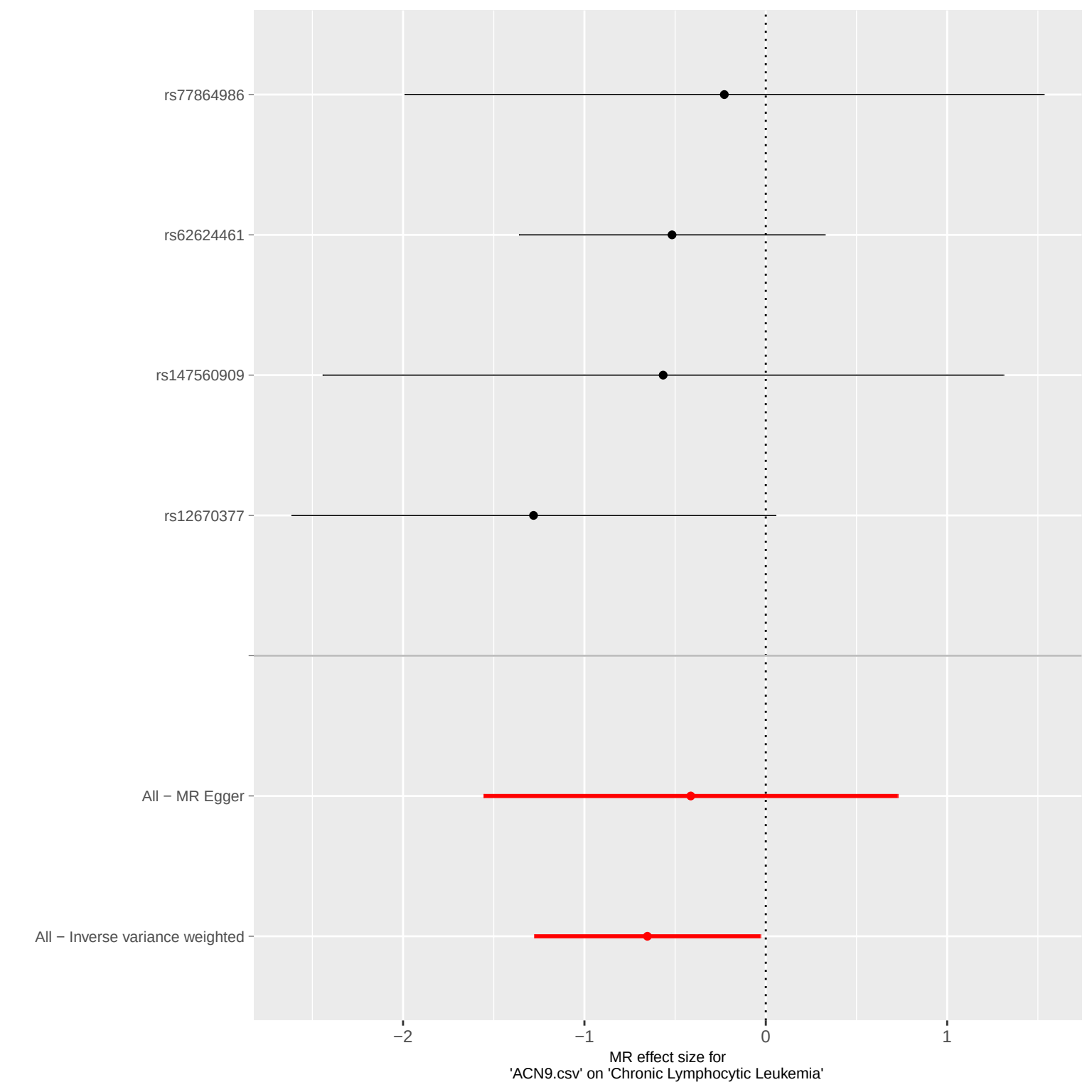
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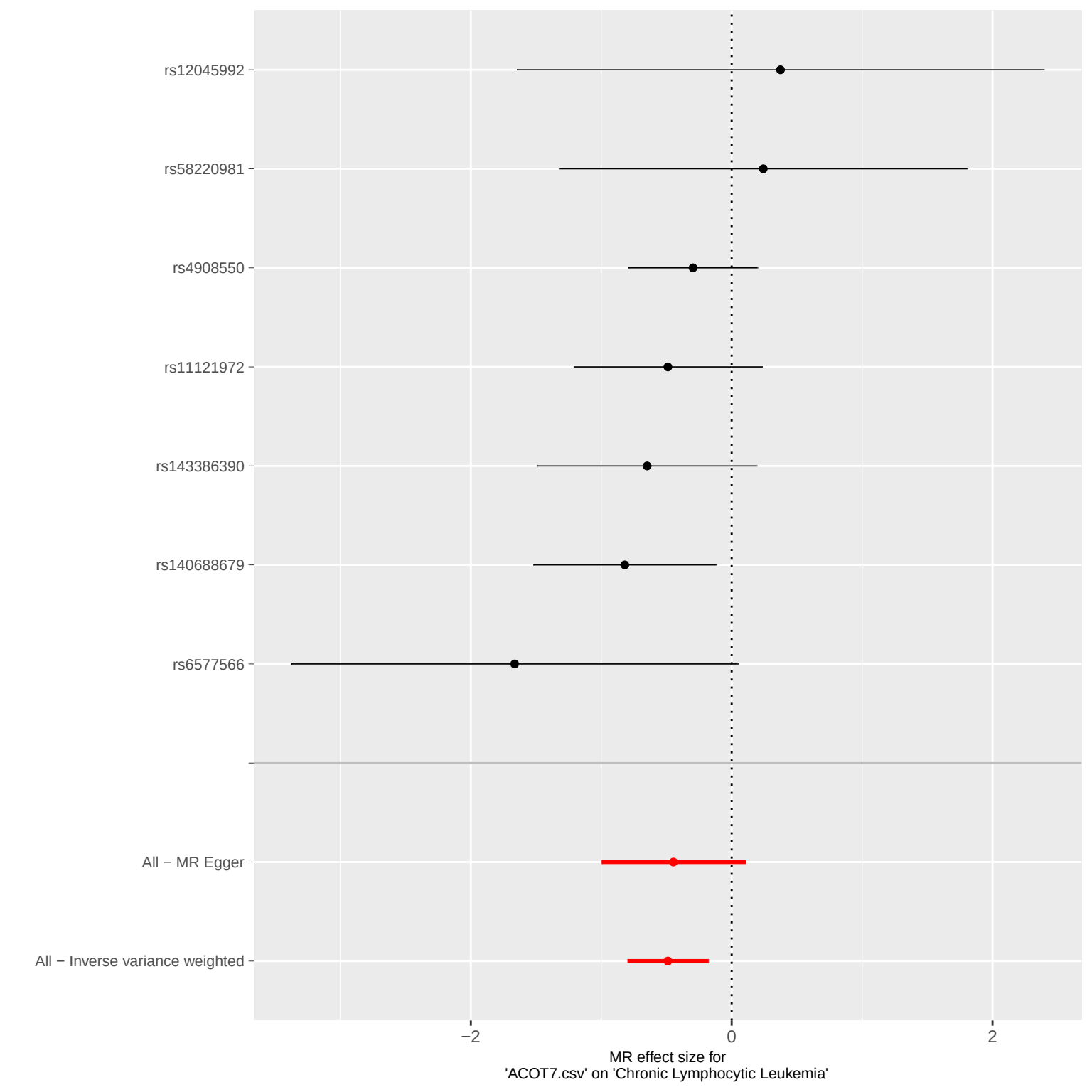
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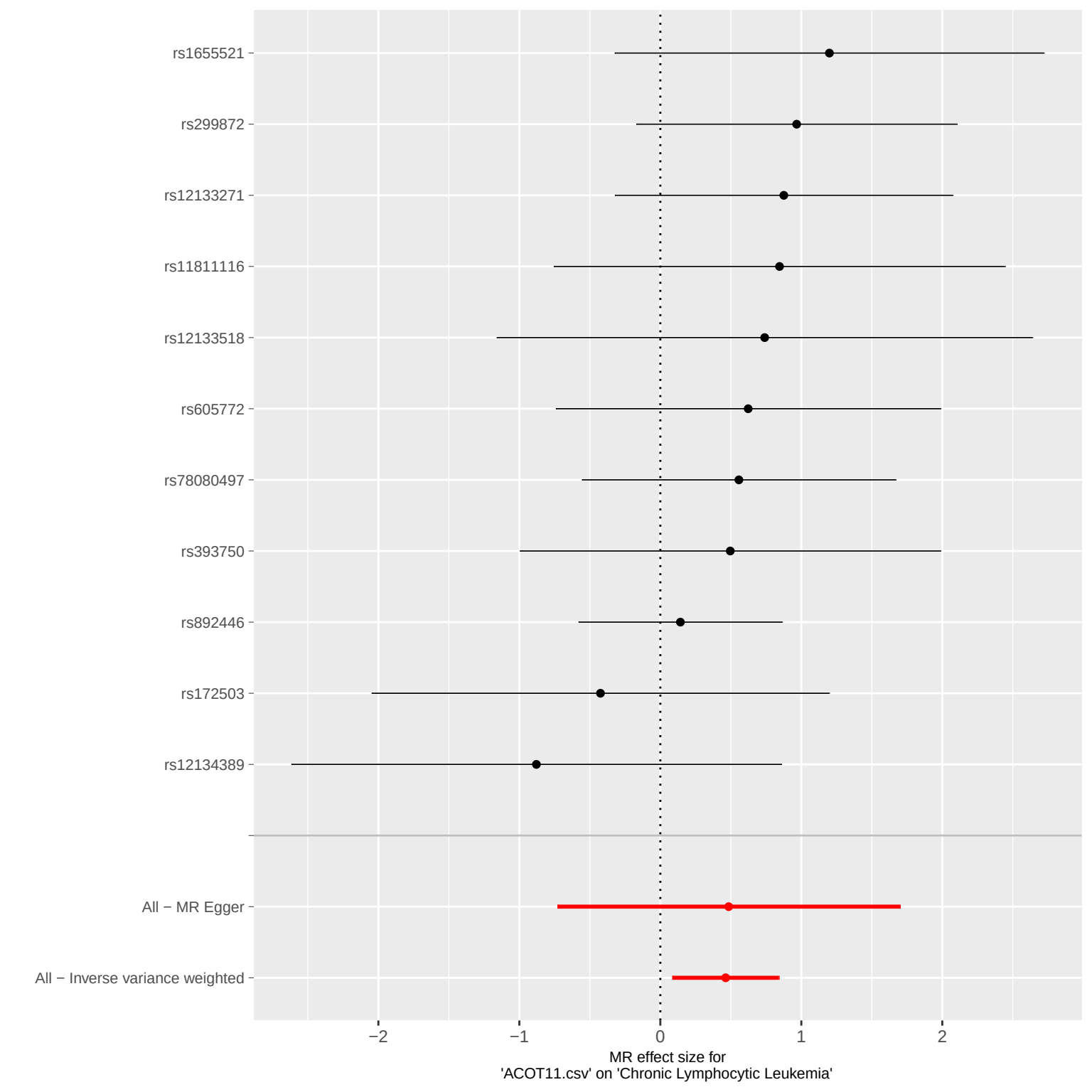
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All − Inverse variance weighted
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MR effect size for
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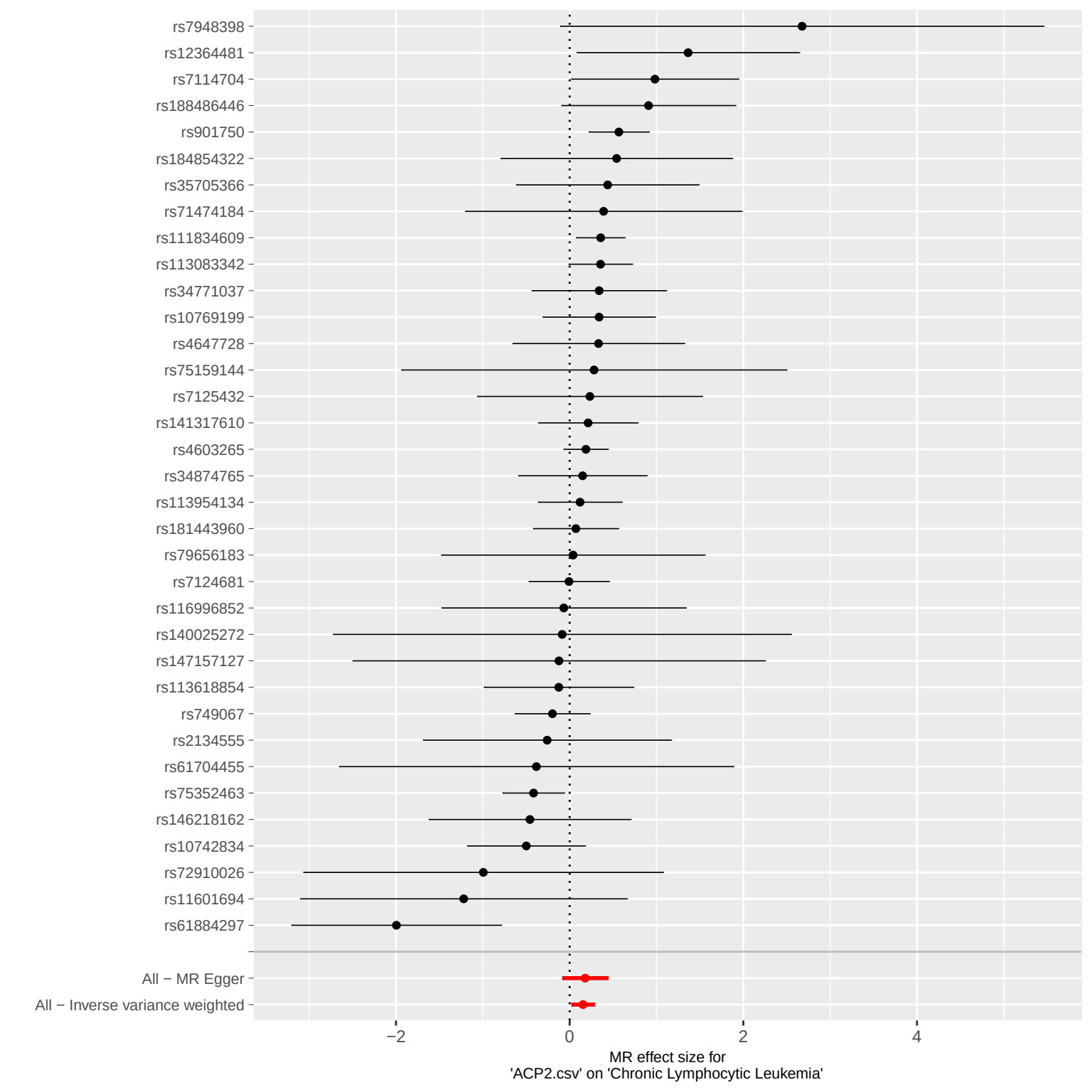
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All − Inverse variance weighted
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MR effect size for
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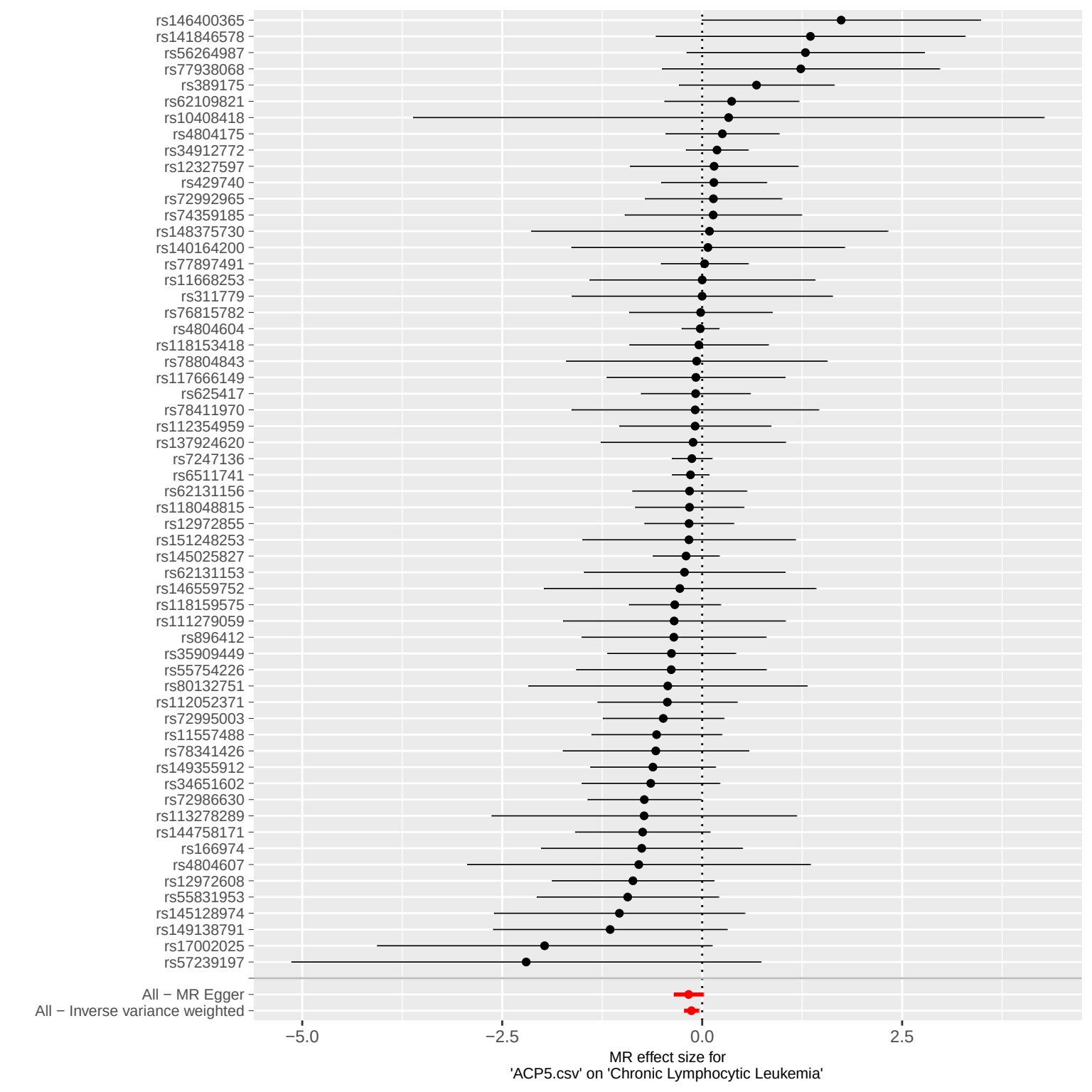
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All − Inverse variance weighted
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0.0
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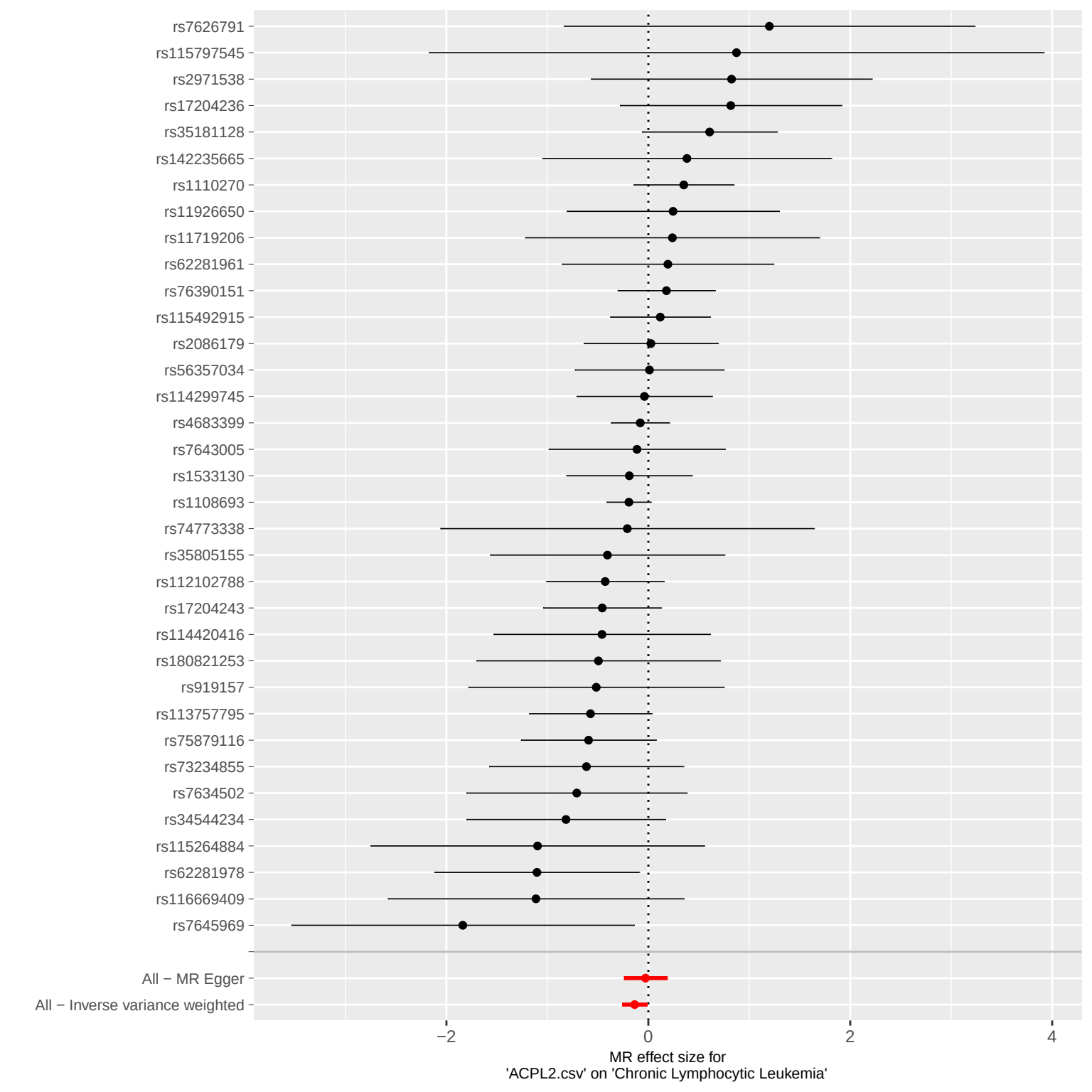
MR effect size for
'ACP5.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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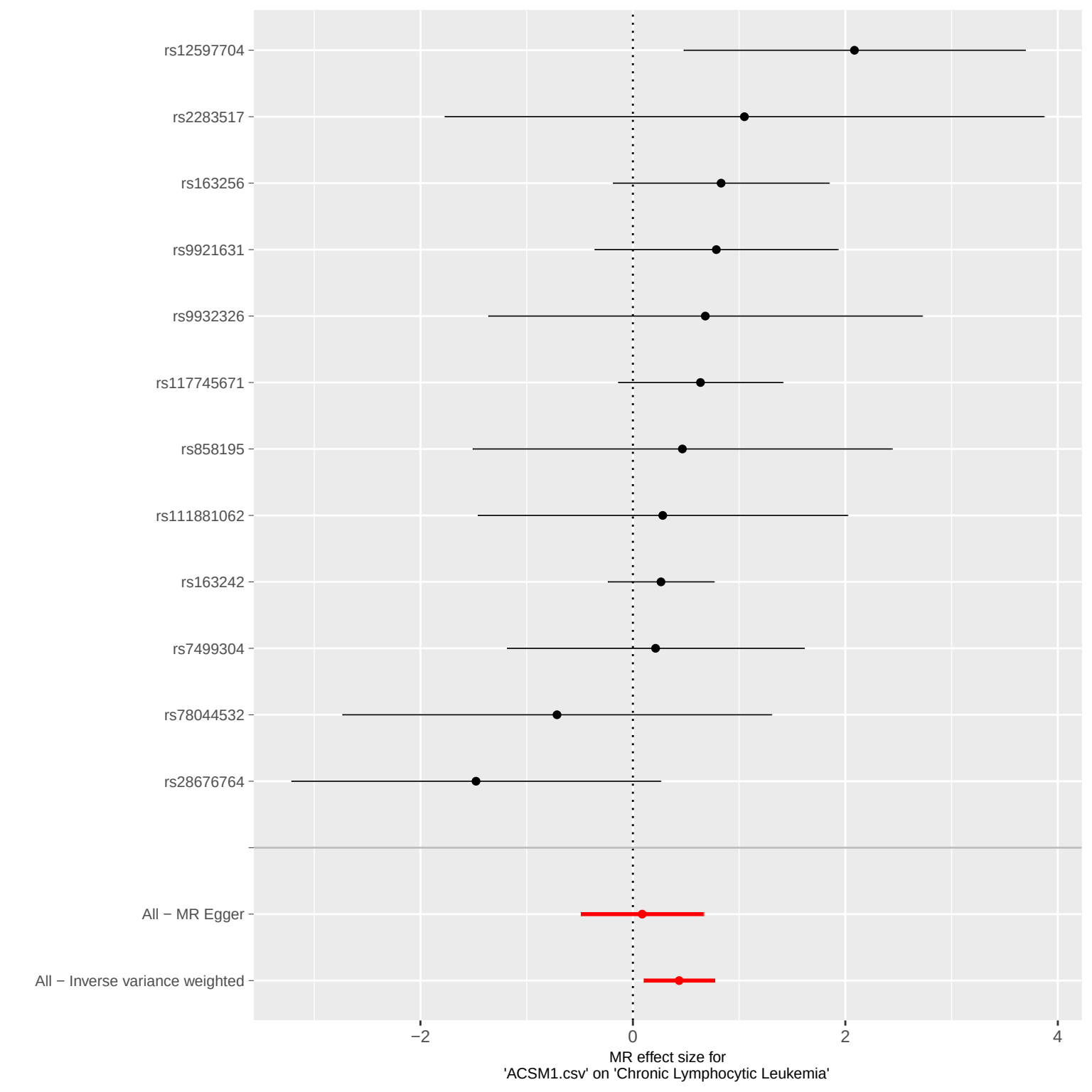
MR effect size for
'ACPL2.csv' on 'Chronic Lymphocytic Leukemia'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rs78044532
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All − Inverse variance weighted
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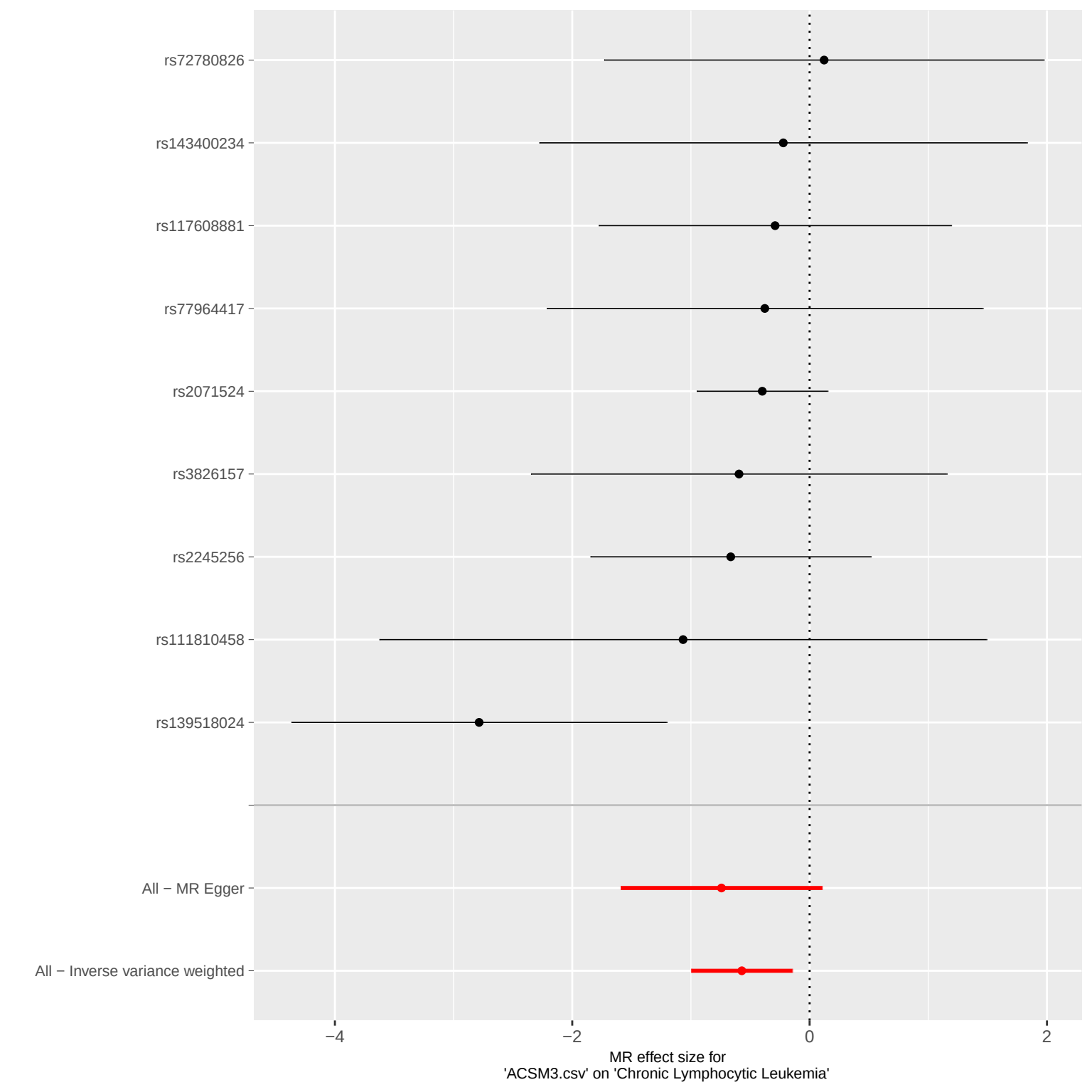
4
MR effect size for
'ACSM1.csv' on 'Chronic Lymphocytic Leukemia'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rs111810458
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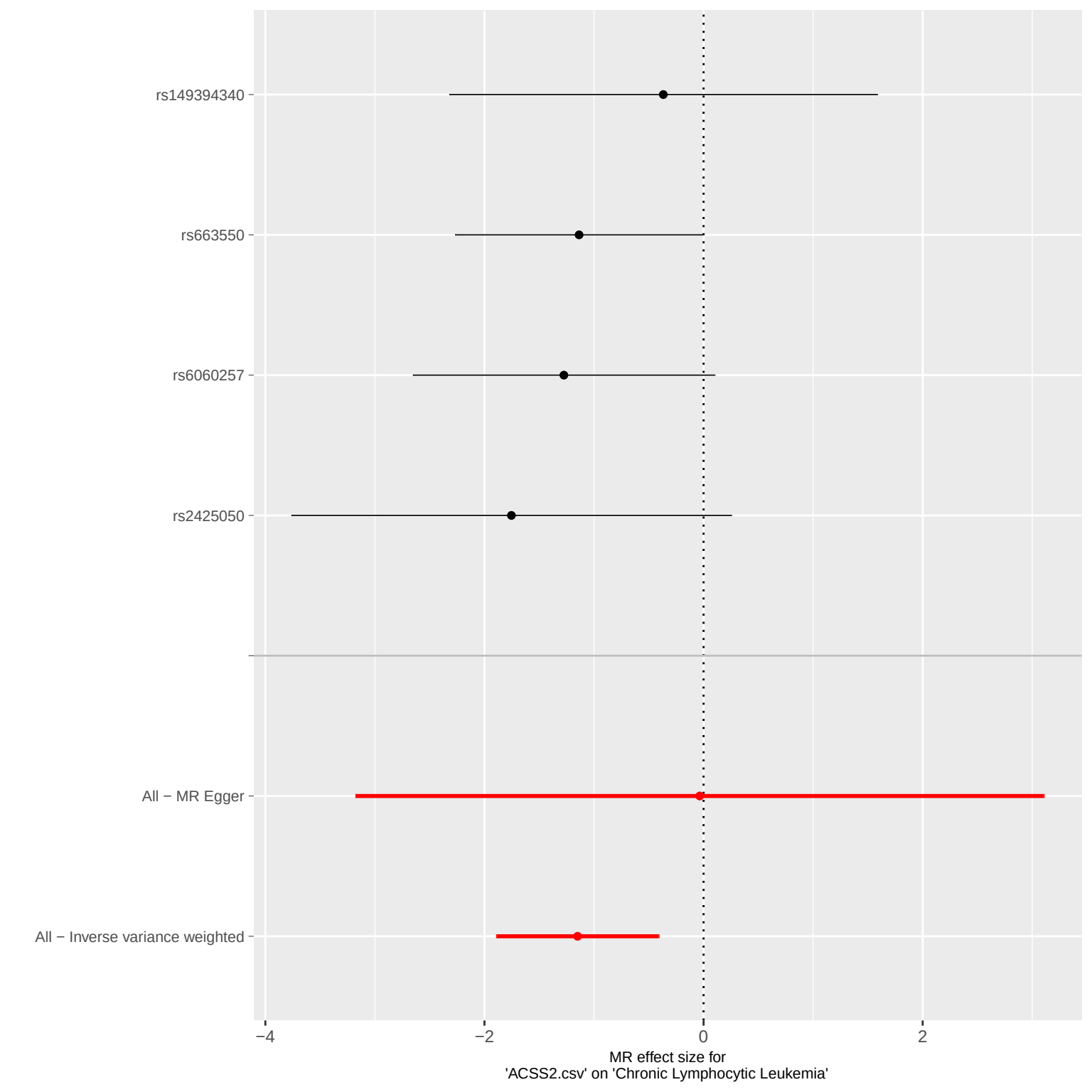
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ACSM3.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
−4
−2
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MR effect size for
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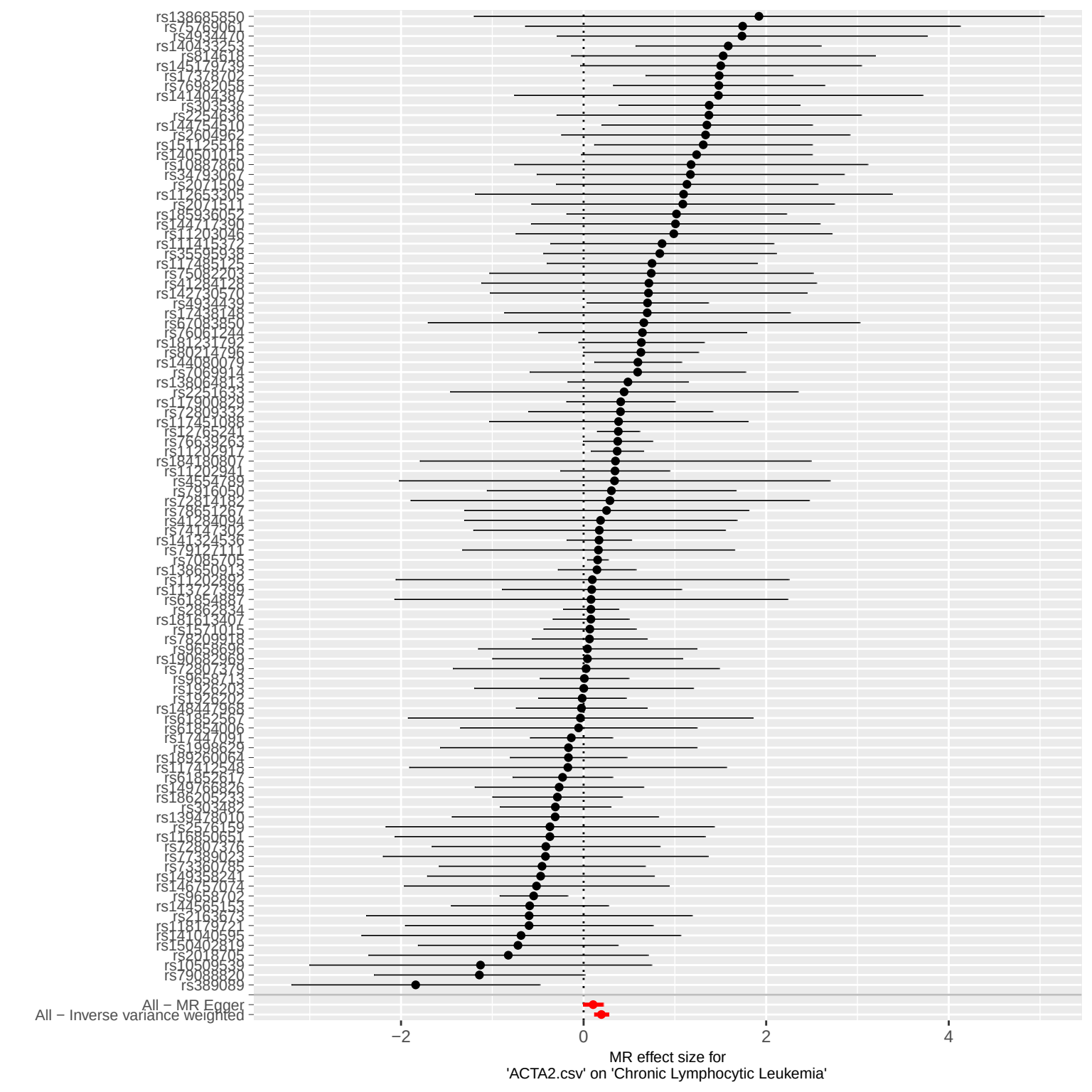
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All − Inverse variance weighted
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4
MR effect size for
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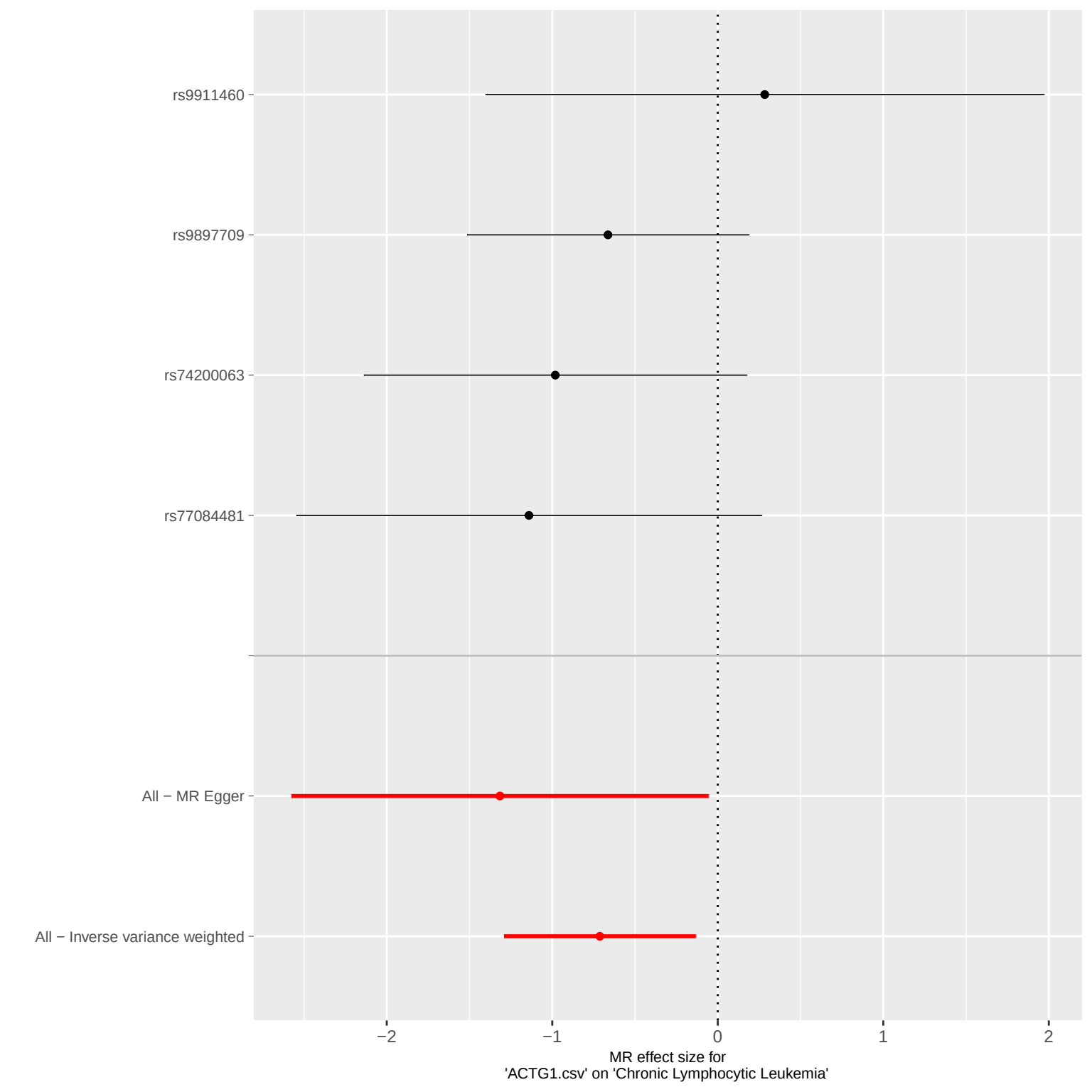
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All − MR Egger
All − Inverse variance weighted
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−1
0
1
2
MR effect size for
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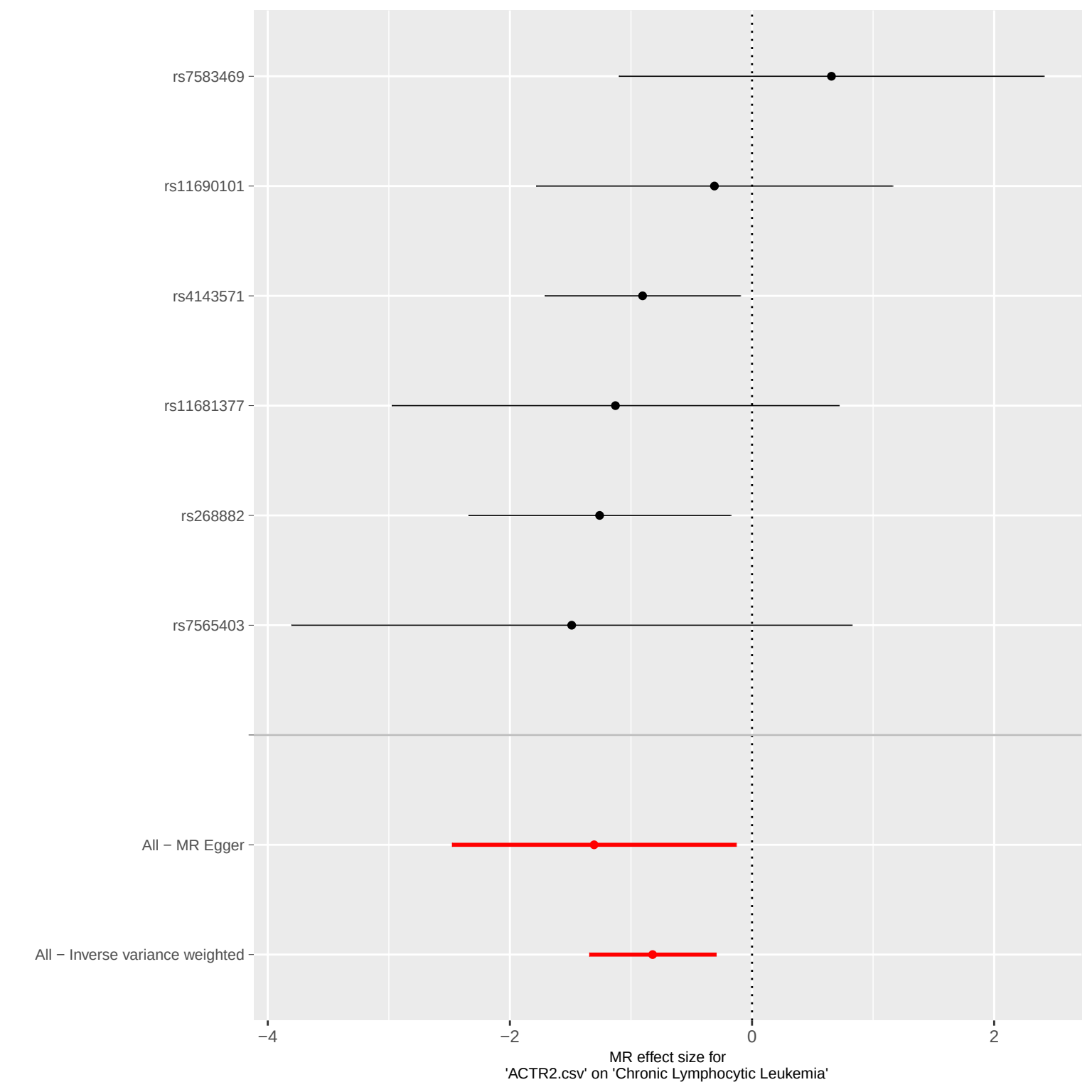
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All − Inverse variance weighted
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−2
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MR effect size for
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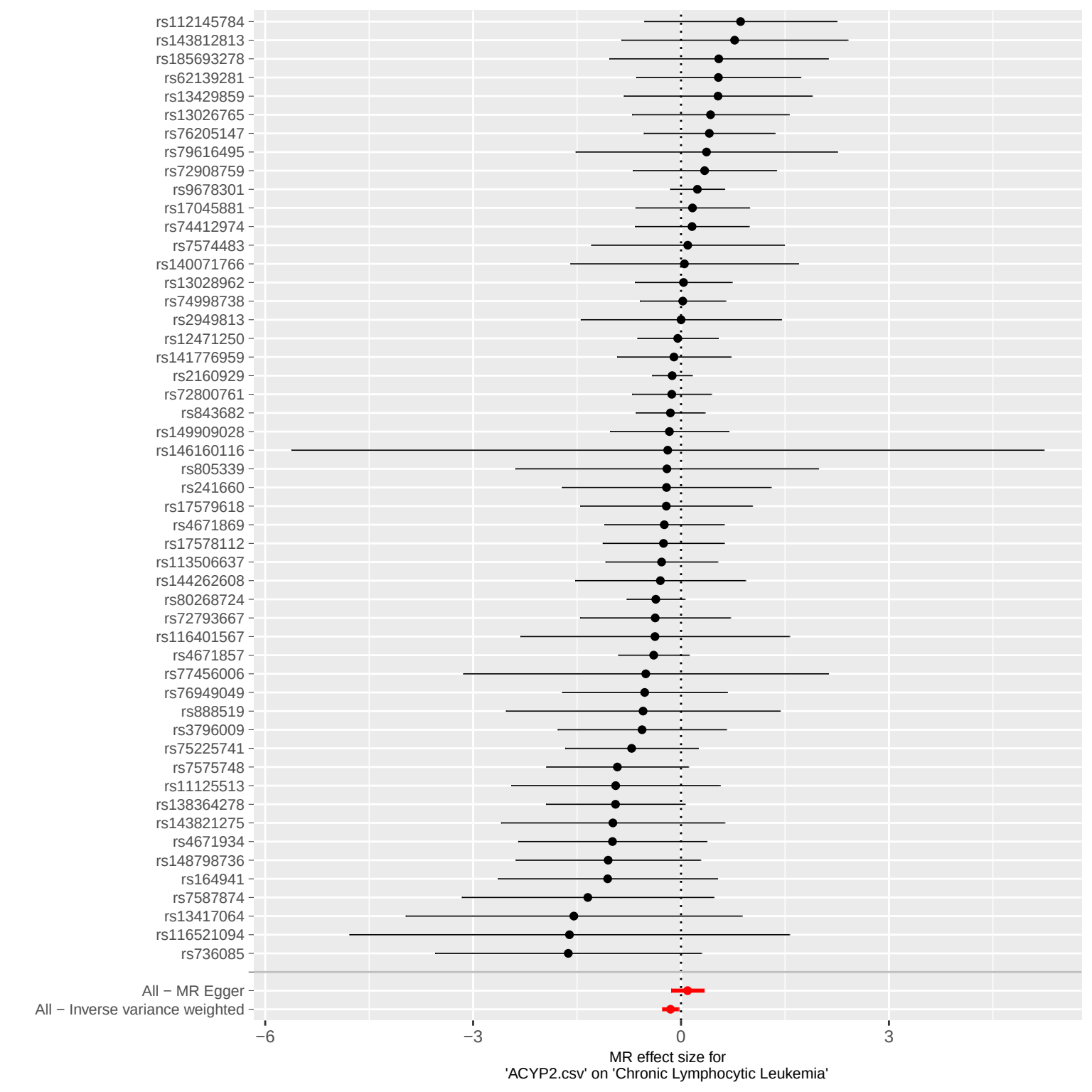
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All − Inverse variance weighted
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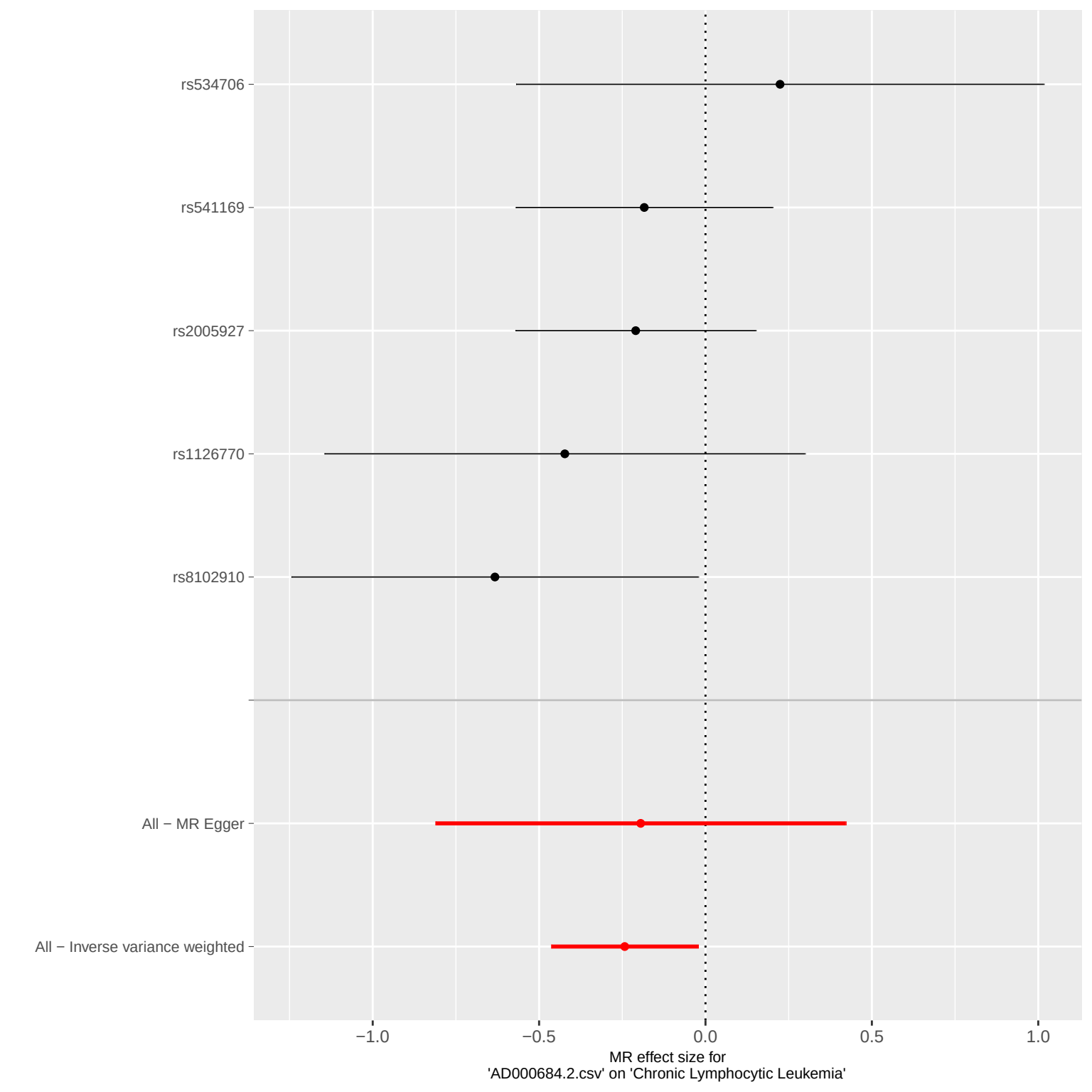
MR effect size for
'ACYP2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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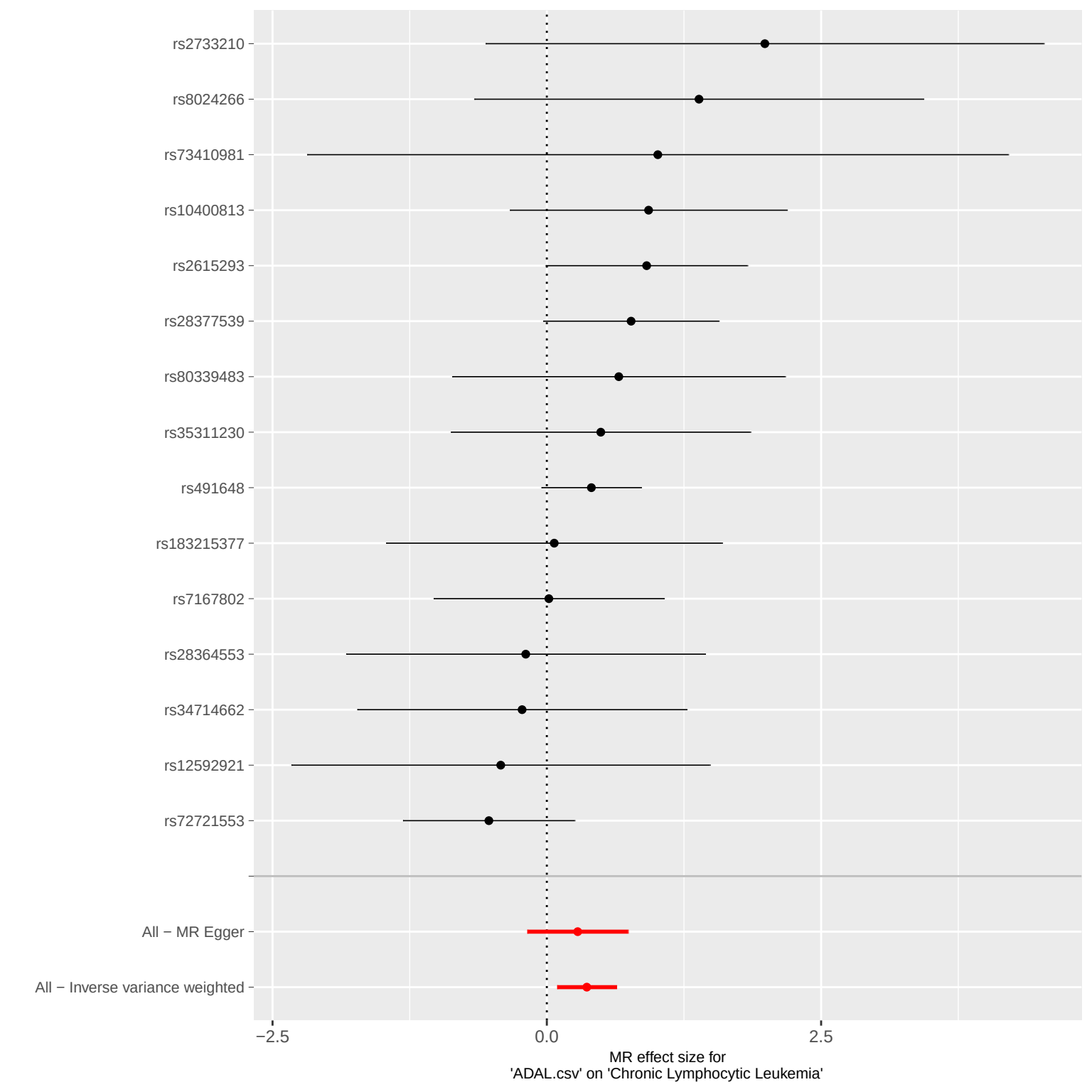
'AD000684.2.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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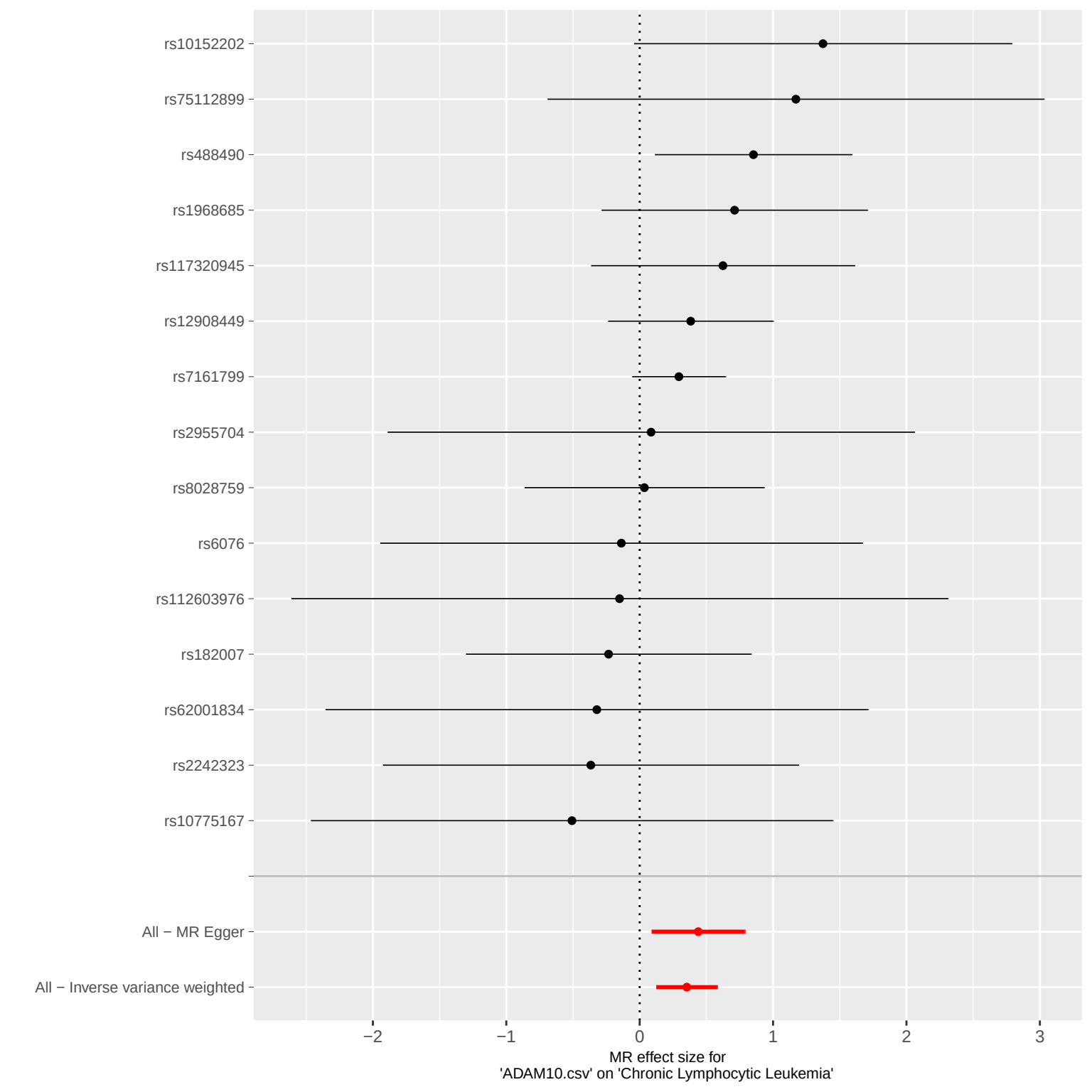
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All − MR Egger
All − Inverse variance weighted
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−1
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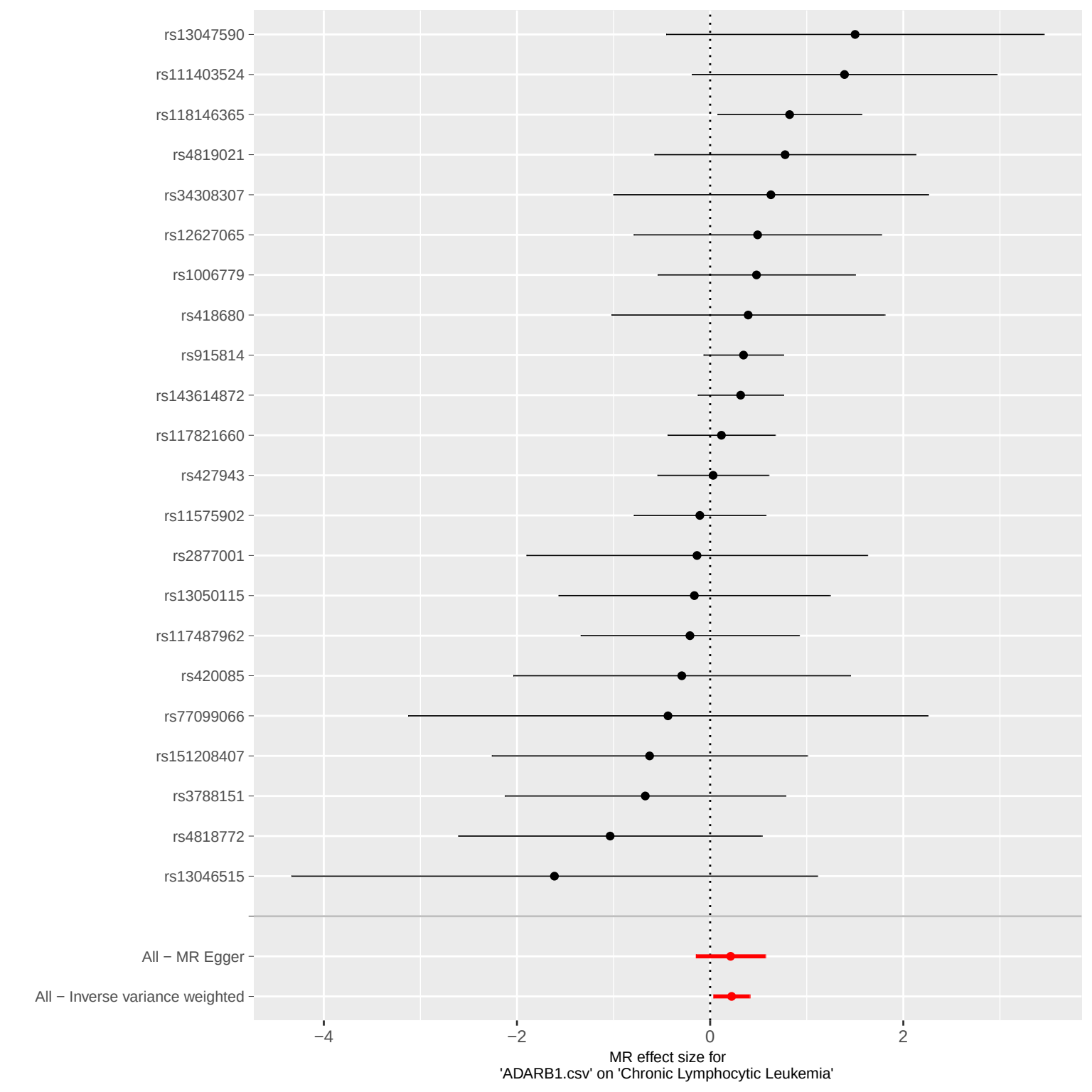
1
2
3
MR effect size for
'ADAM10.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−2
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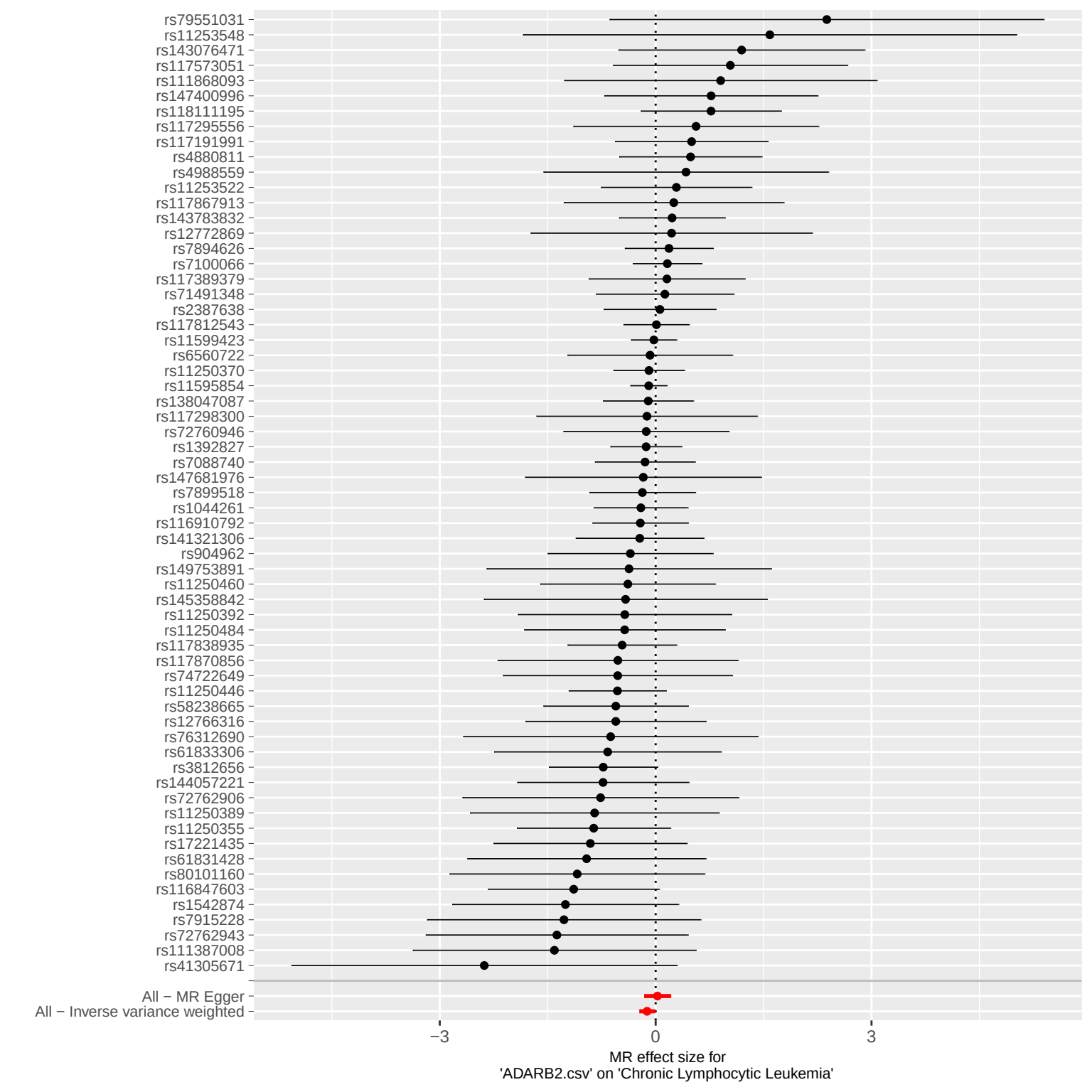
MR effect size for
'ADARB1.csv' on 'Chronic Lymphocytic Leukemia'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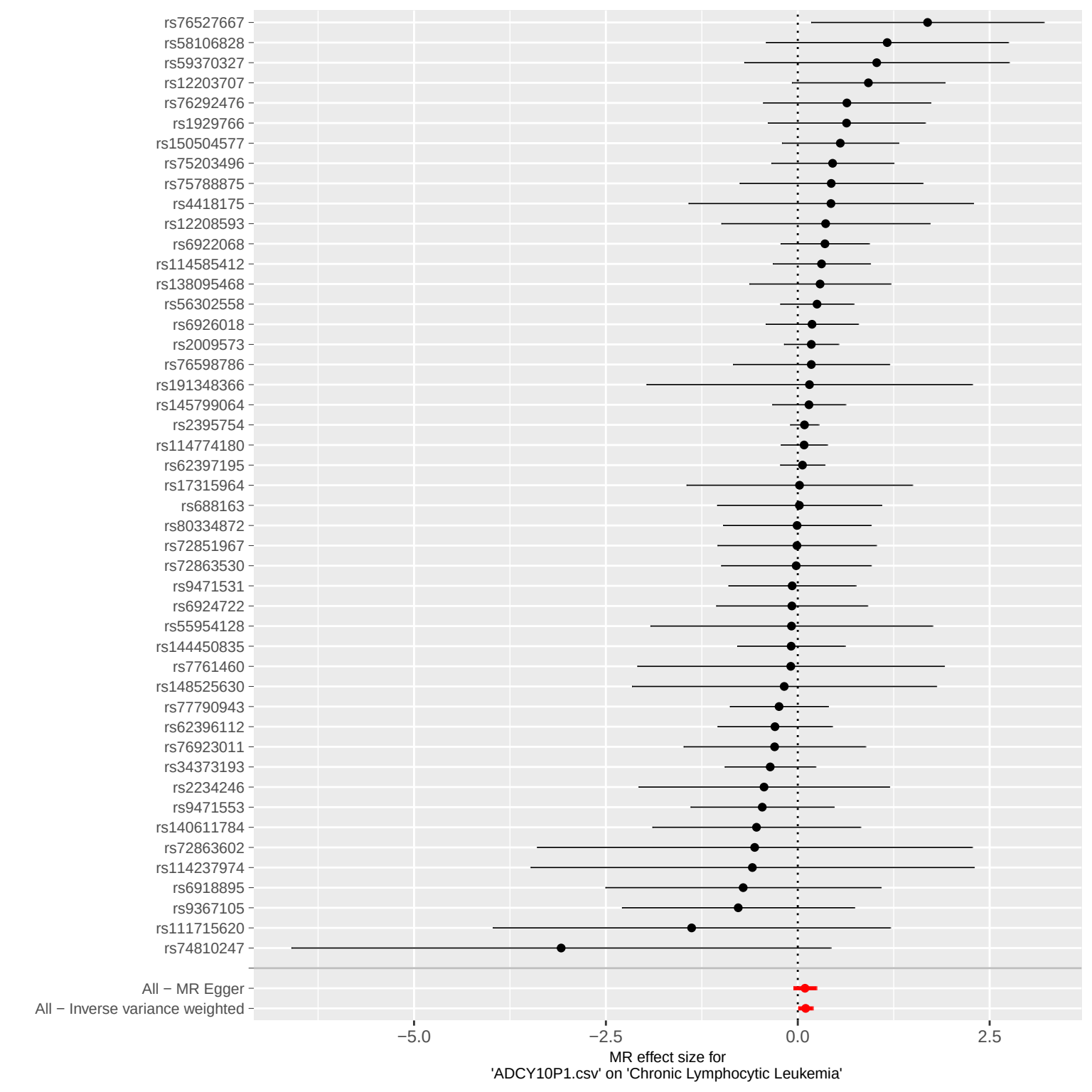
MR effect size for
'ADARB2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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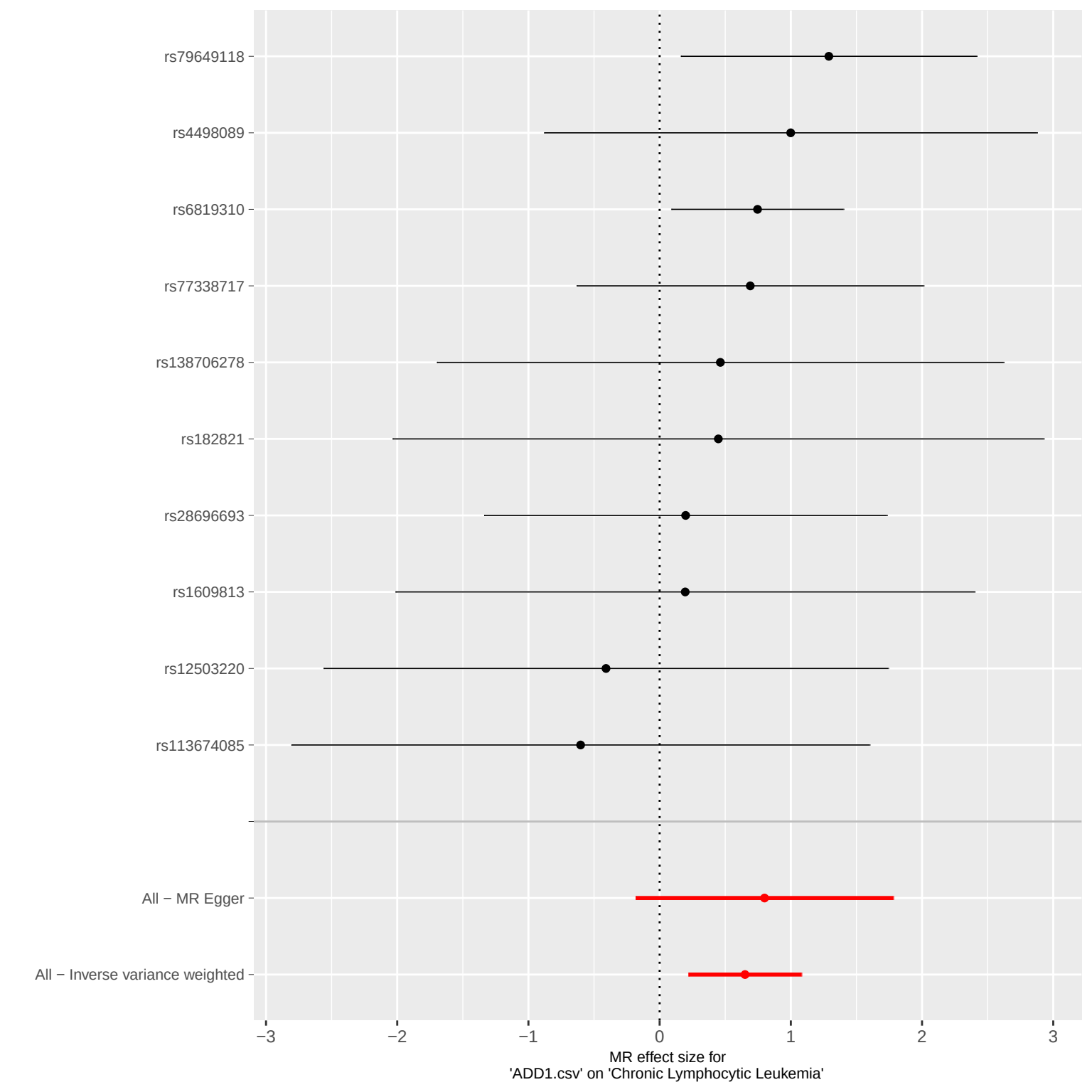
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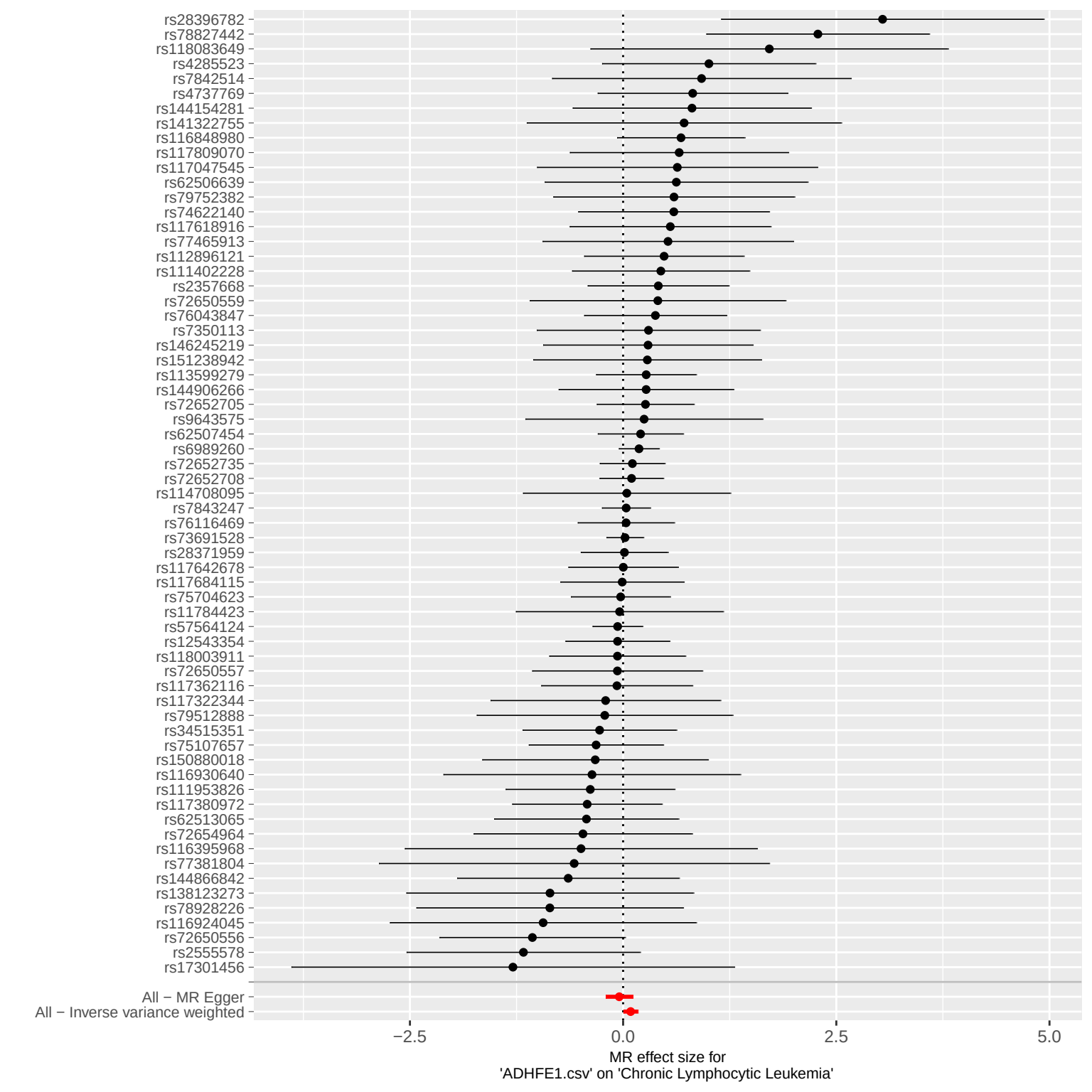
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'ADD1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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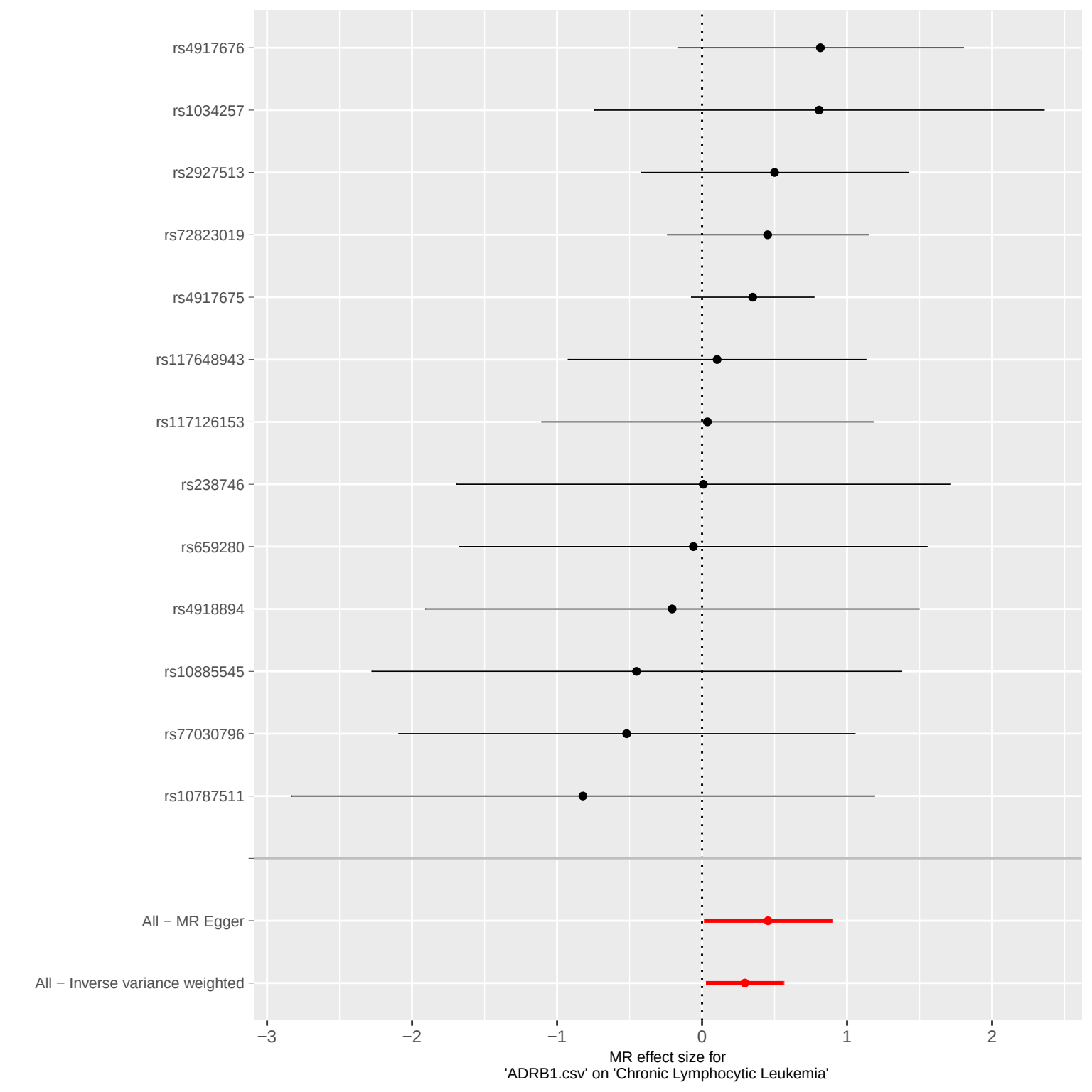
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rs10885545
rs77030796
rs10787511
All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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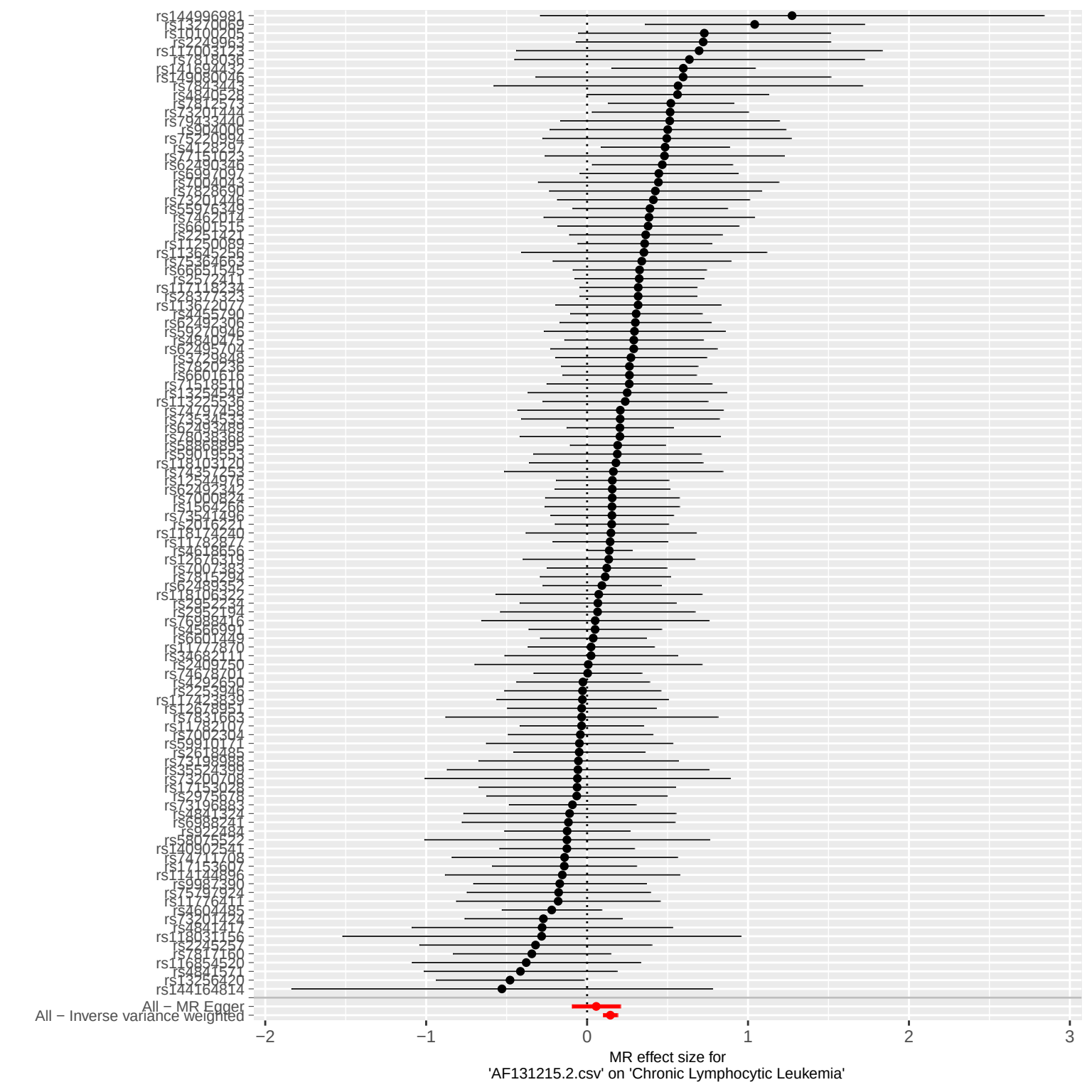
2
MR effect size for
'ADRB1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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1
2
3
MR effect size for
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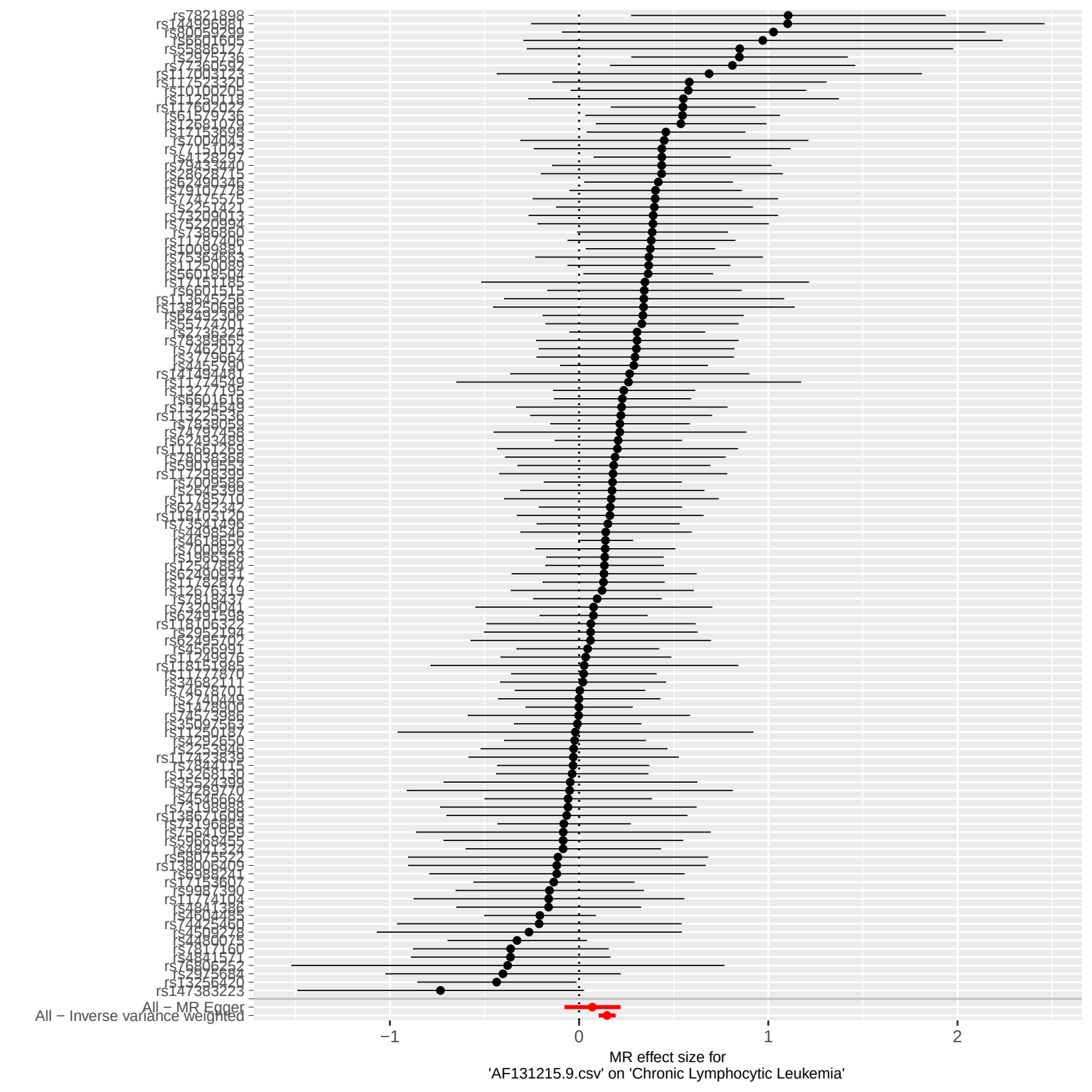
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MR effect size for
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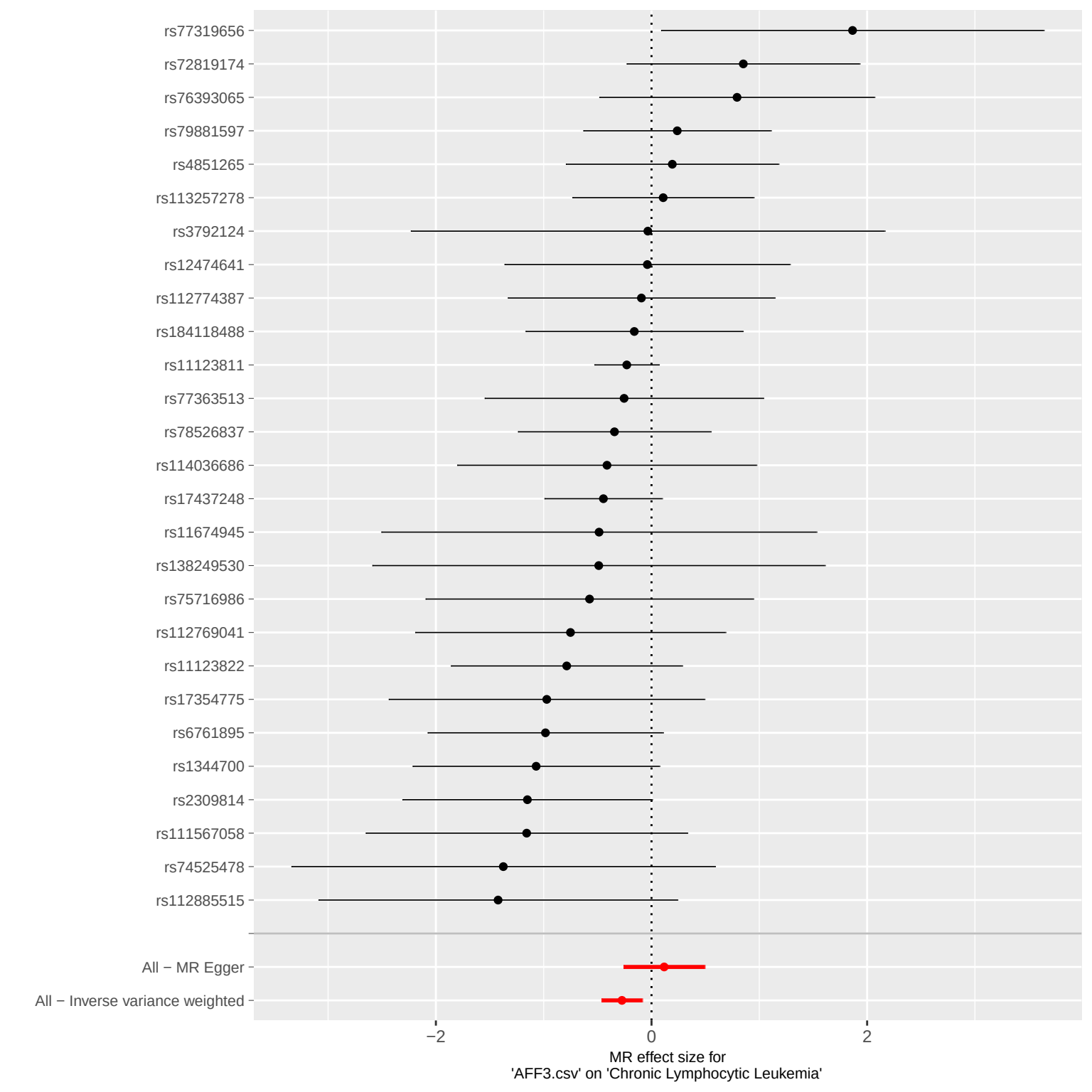
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rs111567058
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All − Inverse variance weighted
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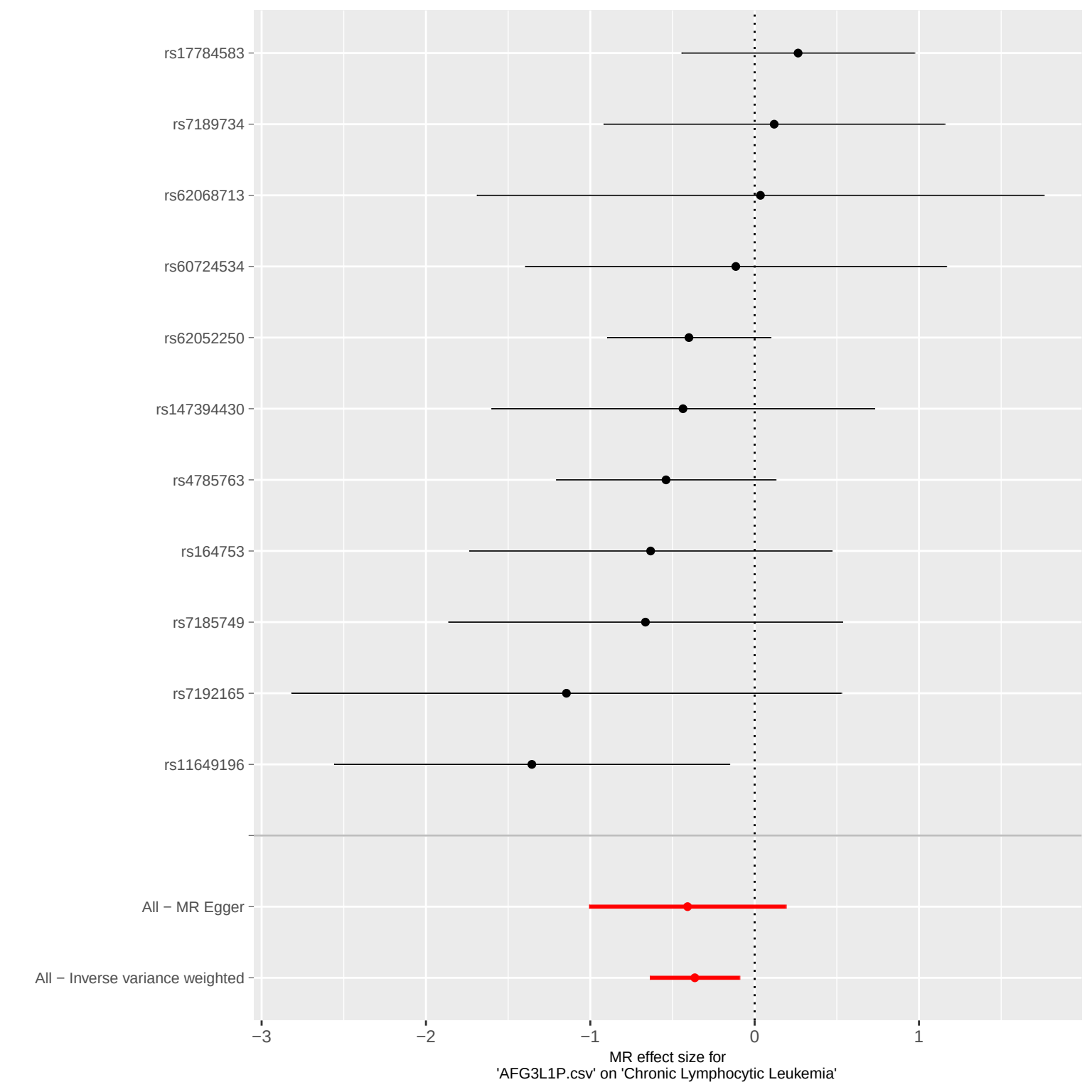
MR effect size for
'AFF3.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−1
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MR effect size for
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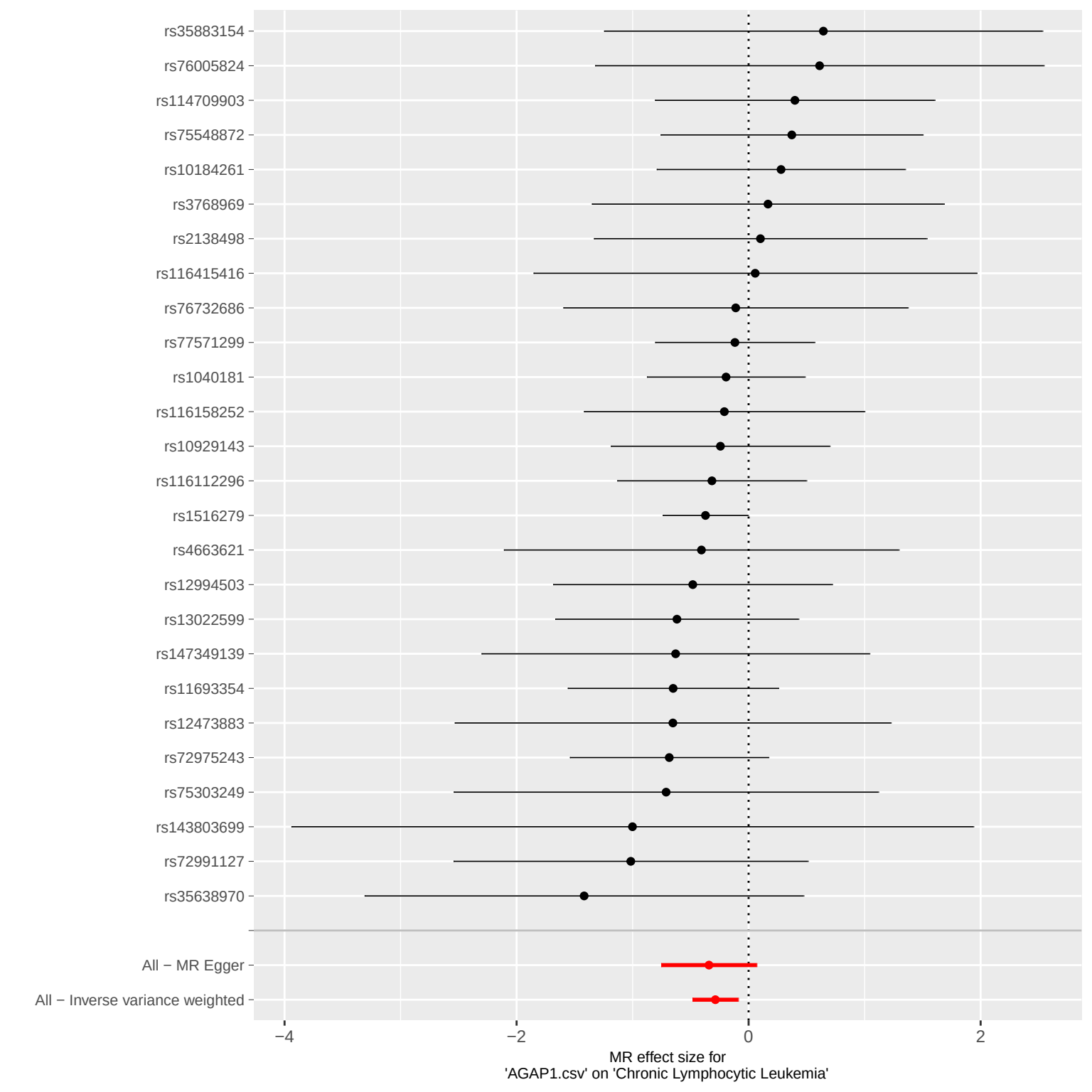
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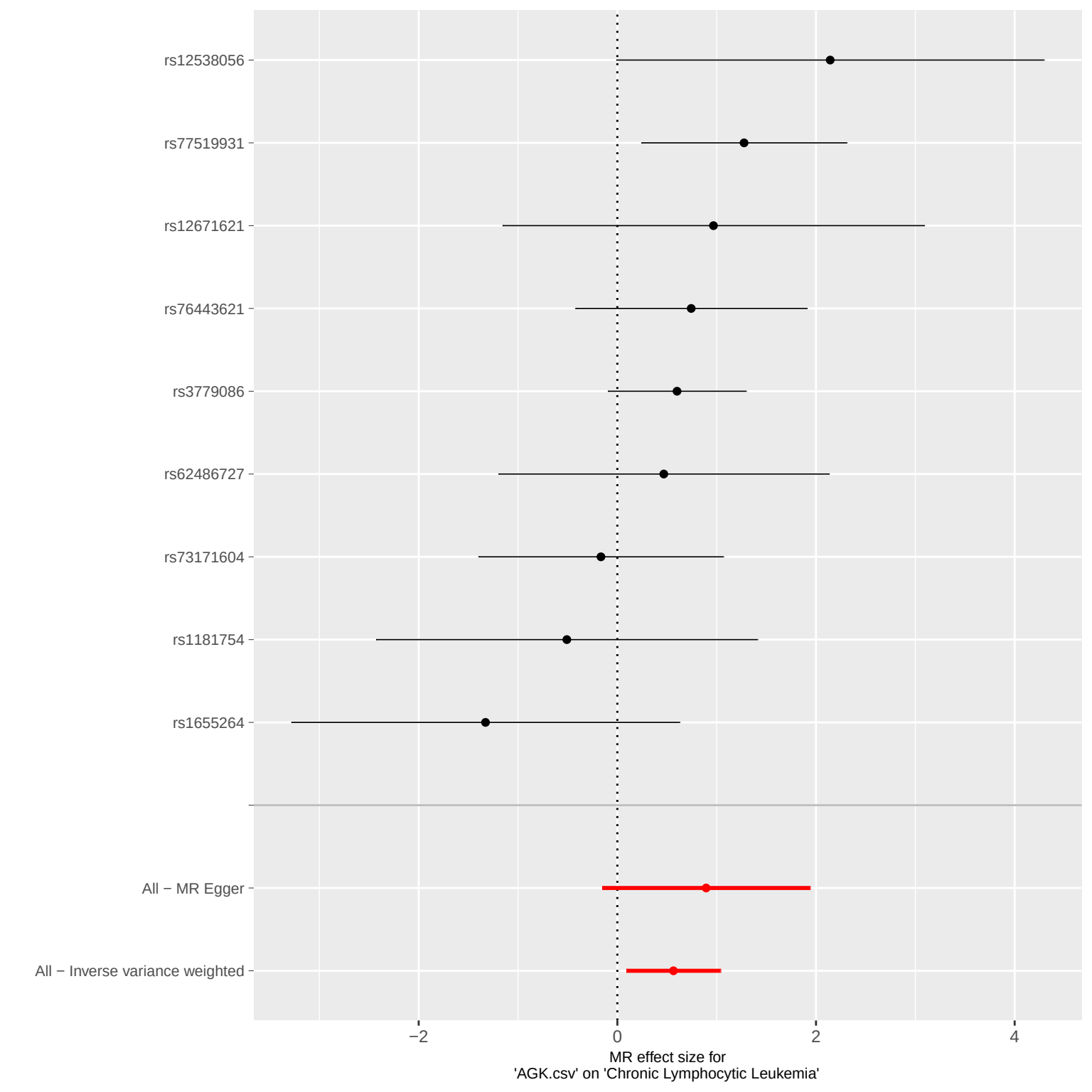
MR effect size for
'AGAP1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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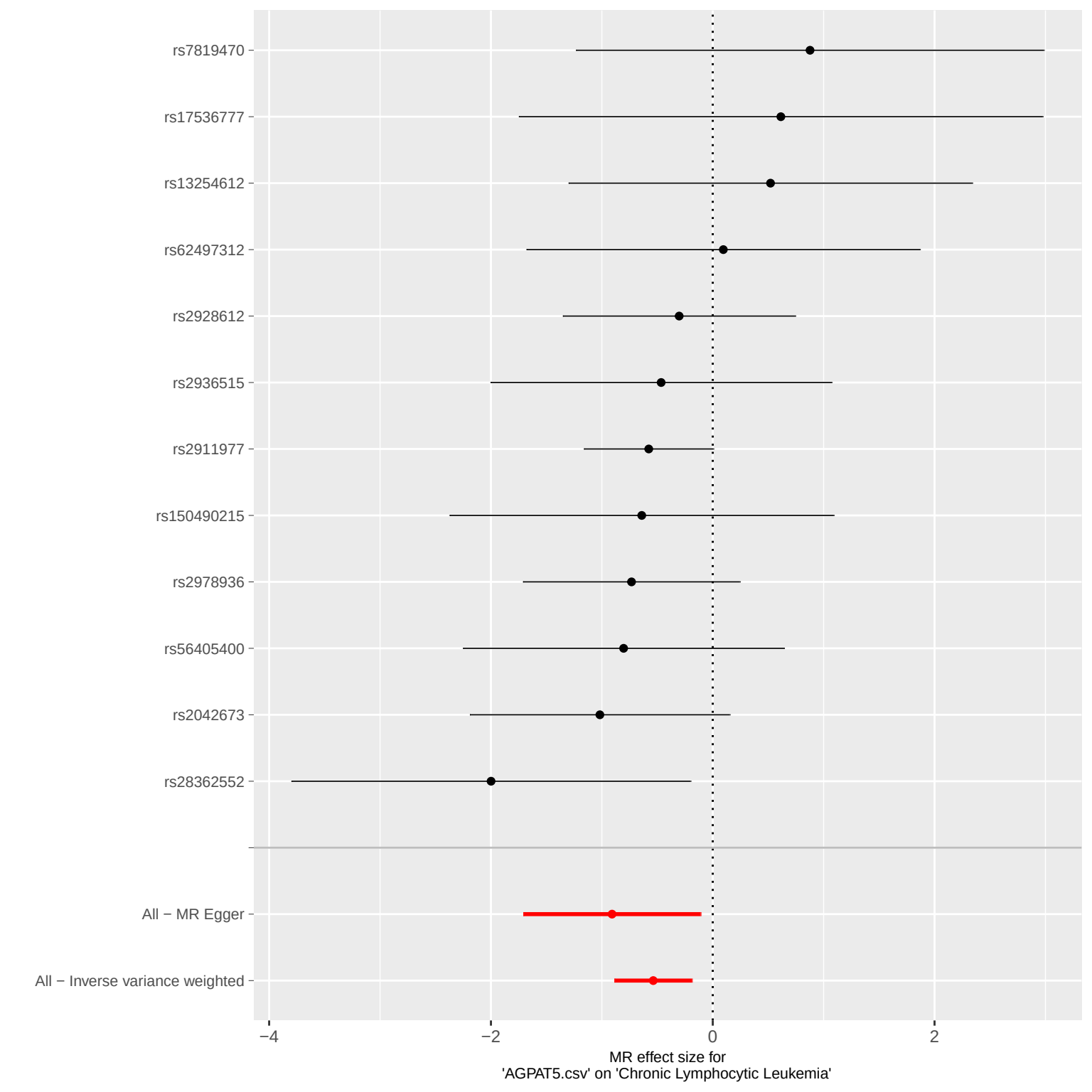
MR effect size for
'AGK.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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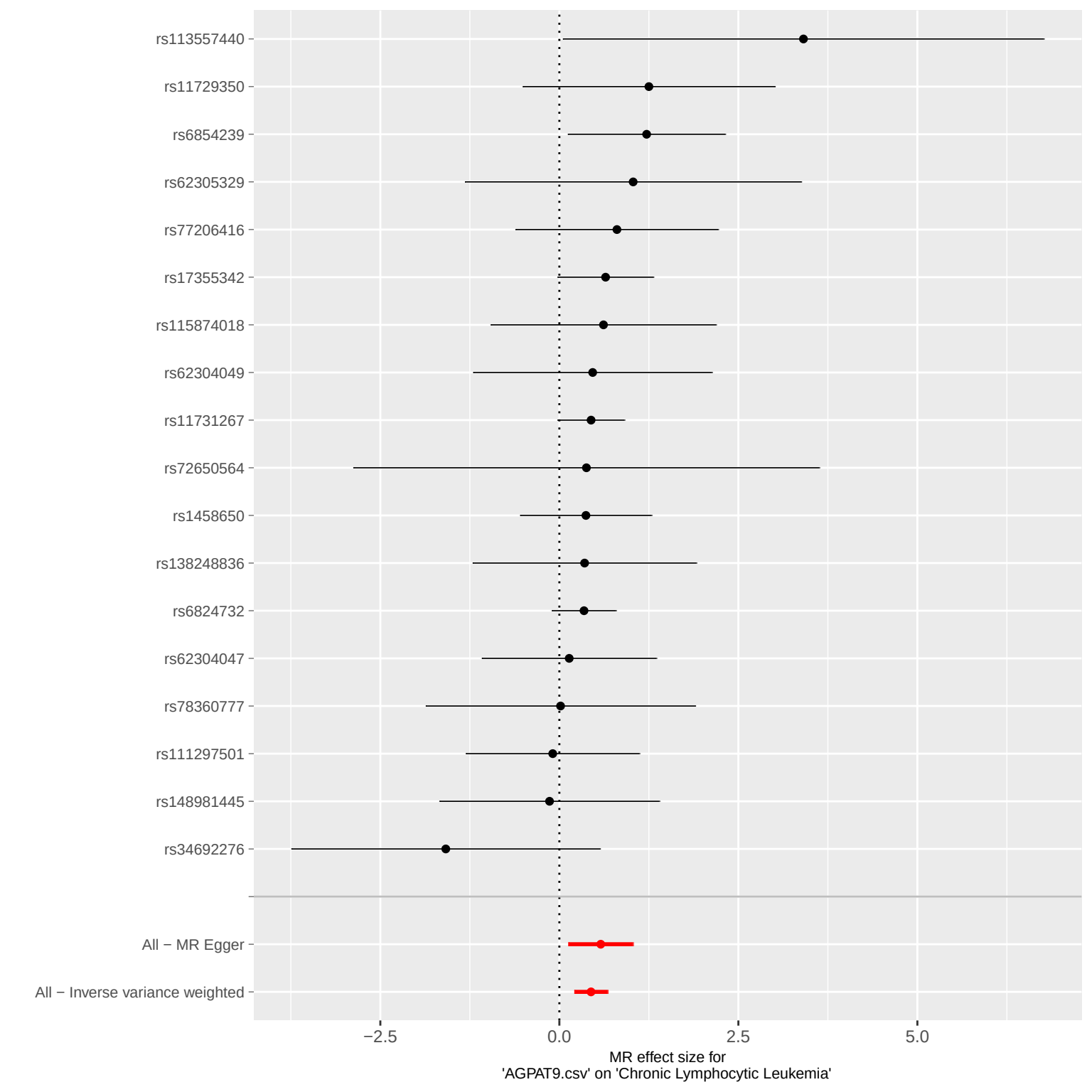
MR effect size for
'AGPAT5.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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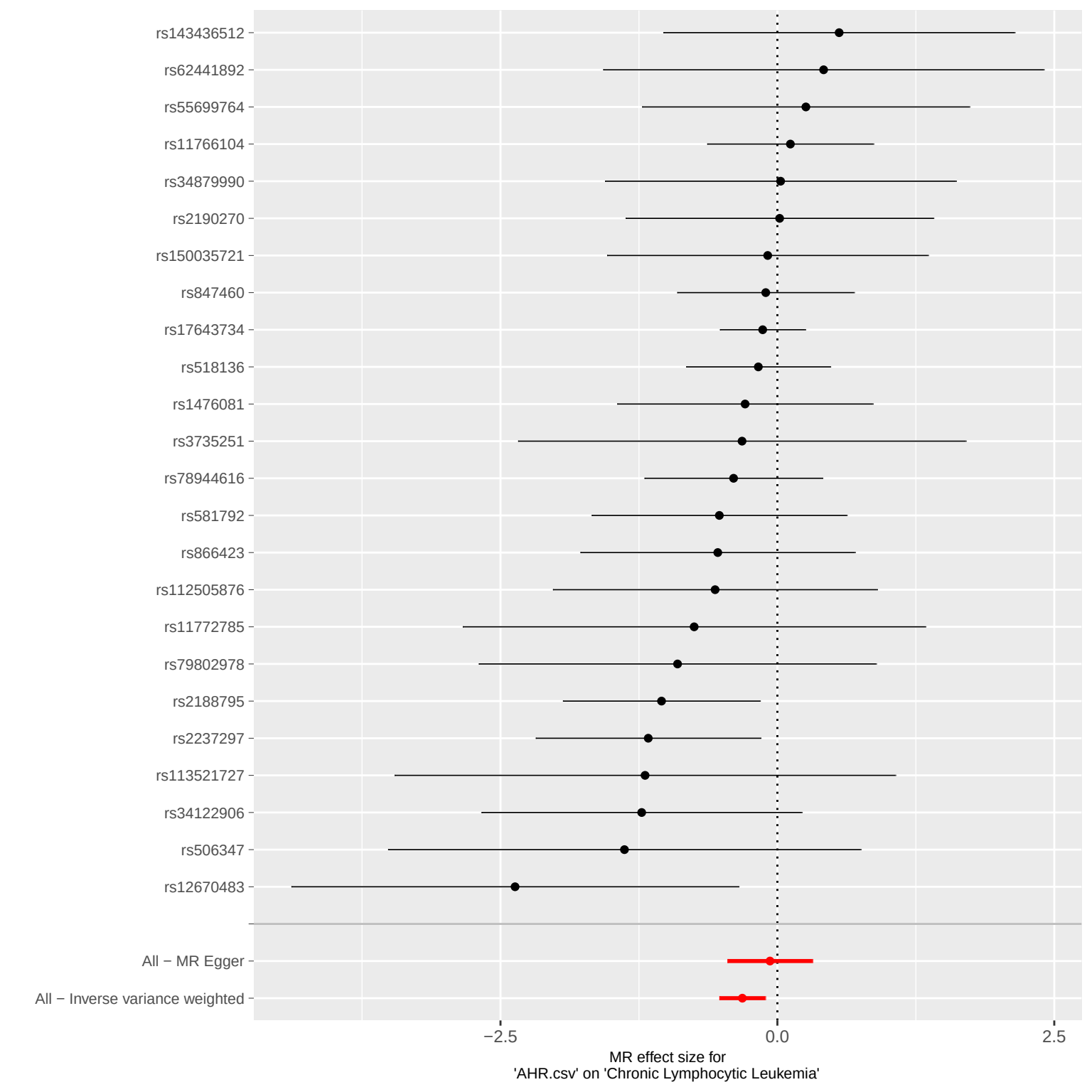
2.5
5.0
MR effect size for
'AGPAT9.csv' on 'Chronic Lymphocytic Leukemia'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rs112505876
rs11772785
rs79802978
rs2188795
rs2237297
rs113521727
rs34122906
rs506347
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All − MR Egger
All − Inverse variance weighted
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0.0
2.5
MR effect size for
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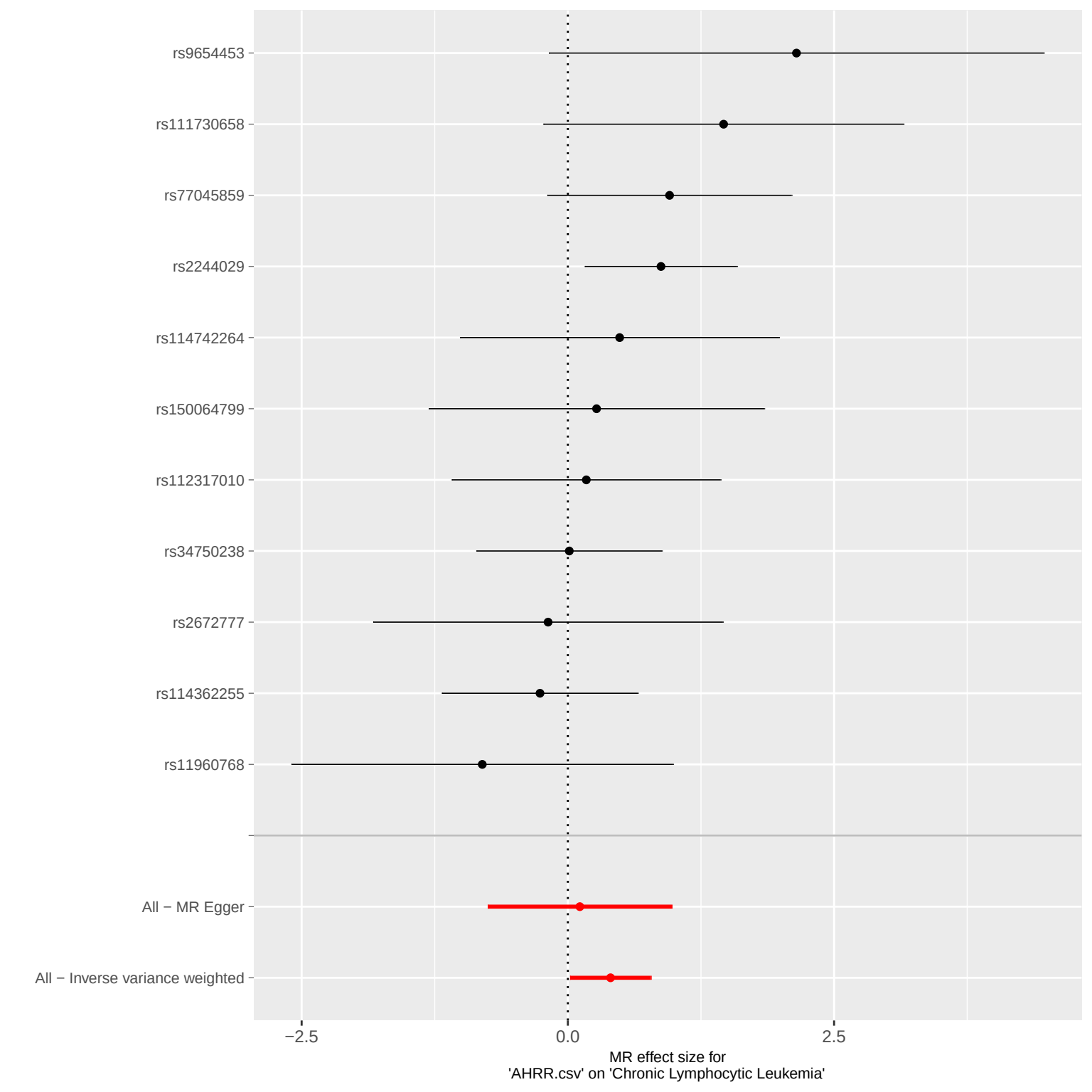
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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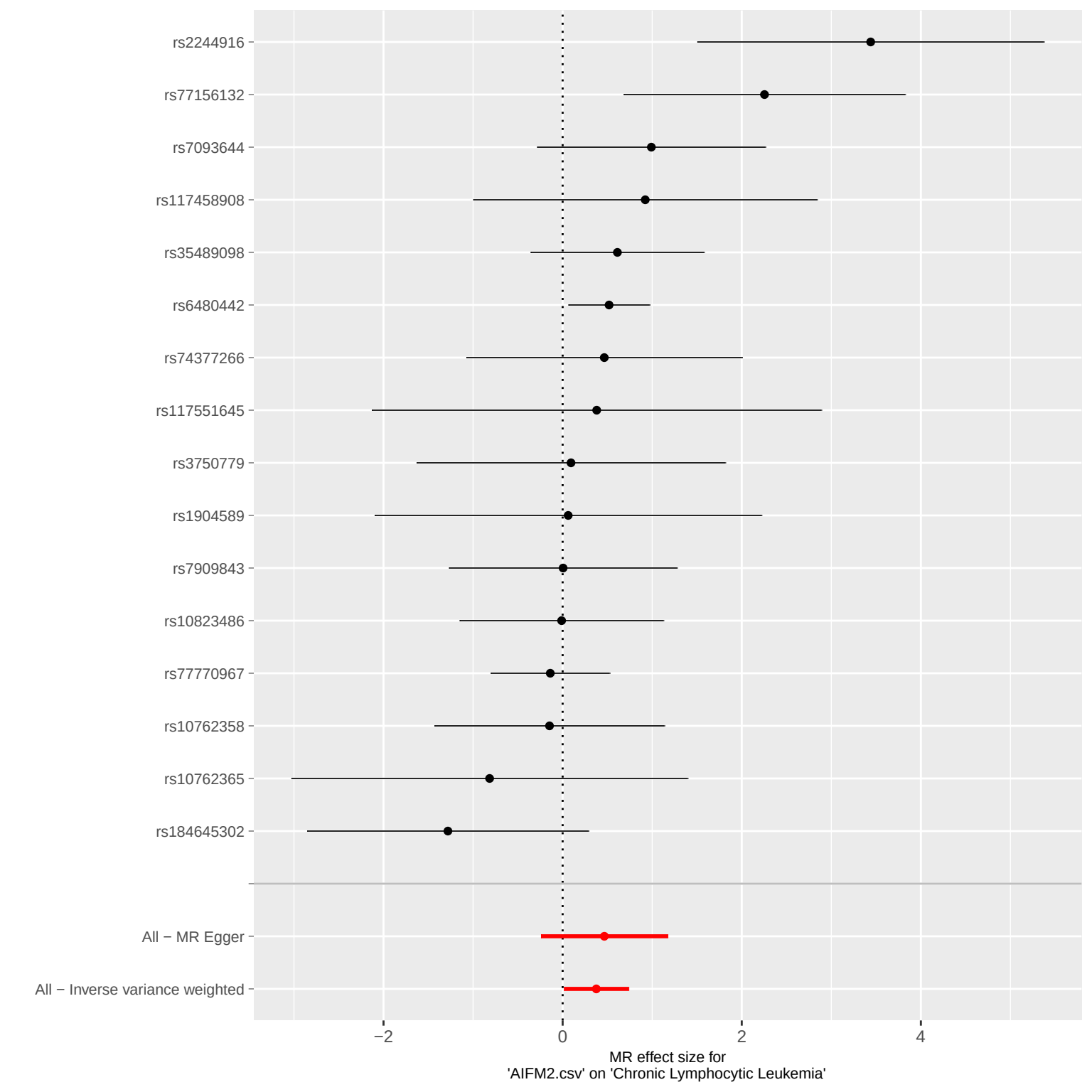
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rs10823486
rs77770967
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rs10762365
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All − MR Egger
All − Inverse variance weighted
−2
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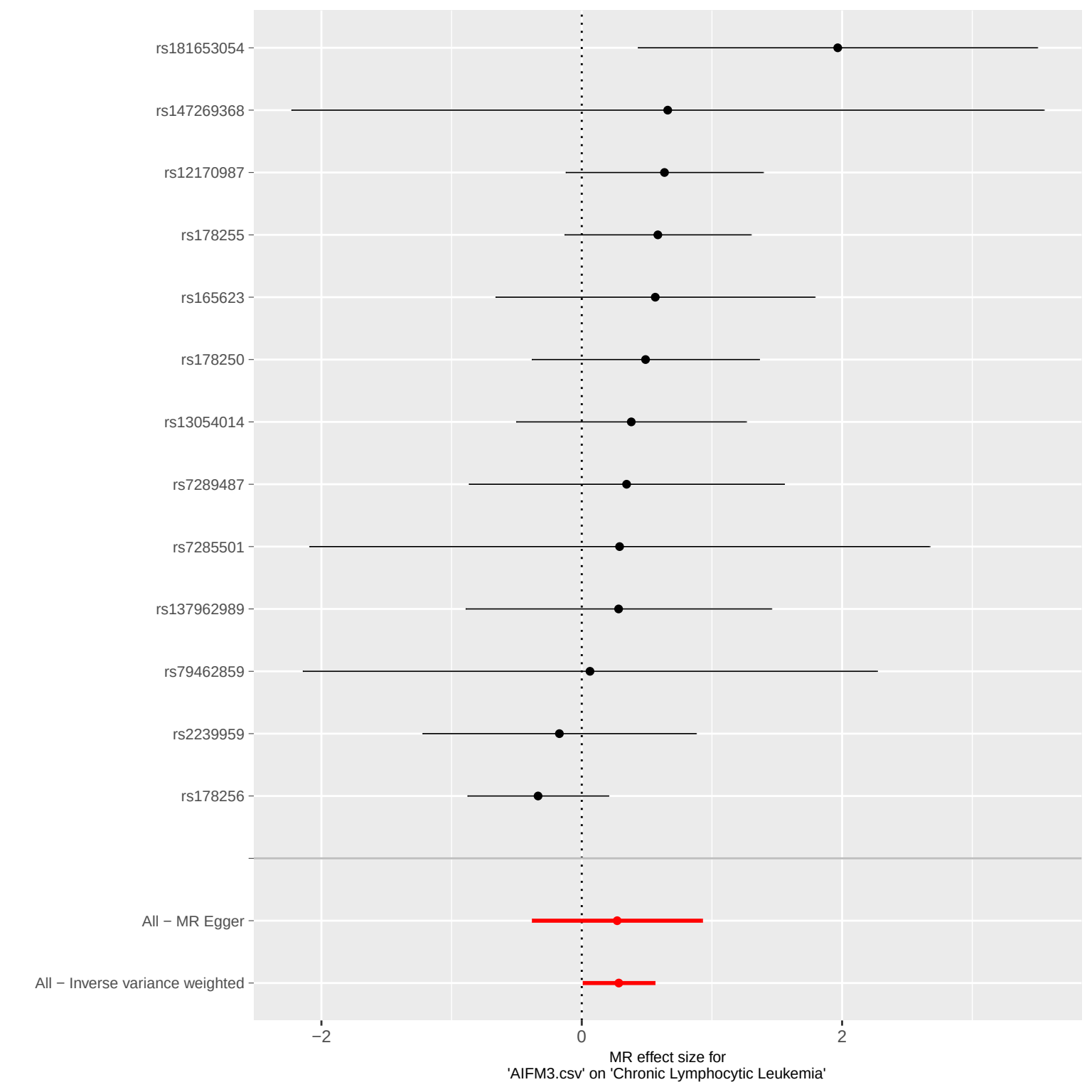
MR effect size for
'AIFM2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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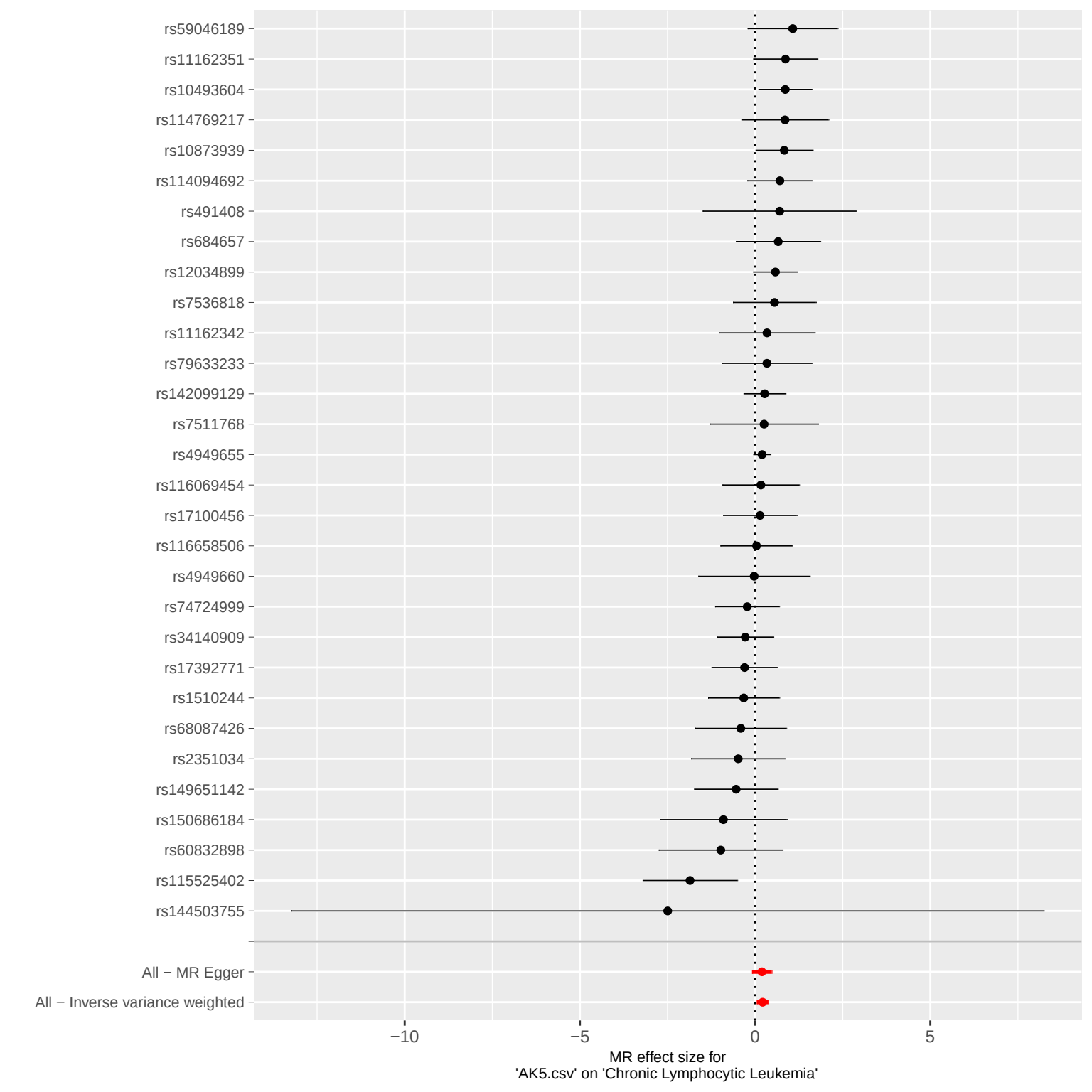
2
MR effect size for
'AIFM3.csv' on 'Chronic Lymphocytic Leukemia'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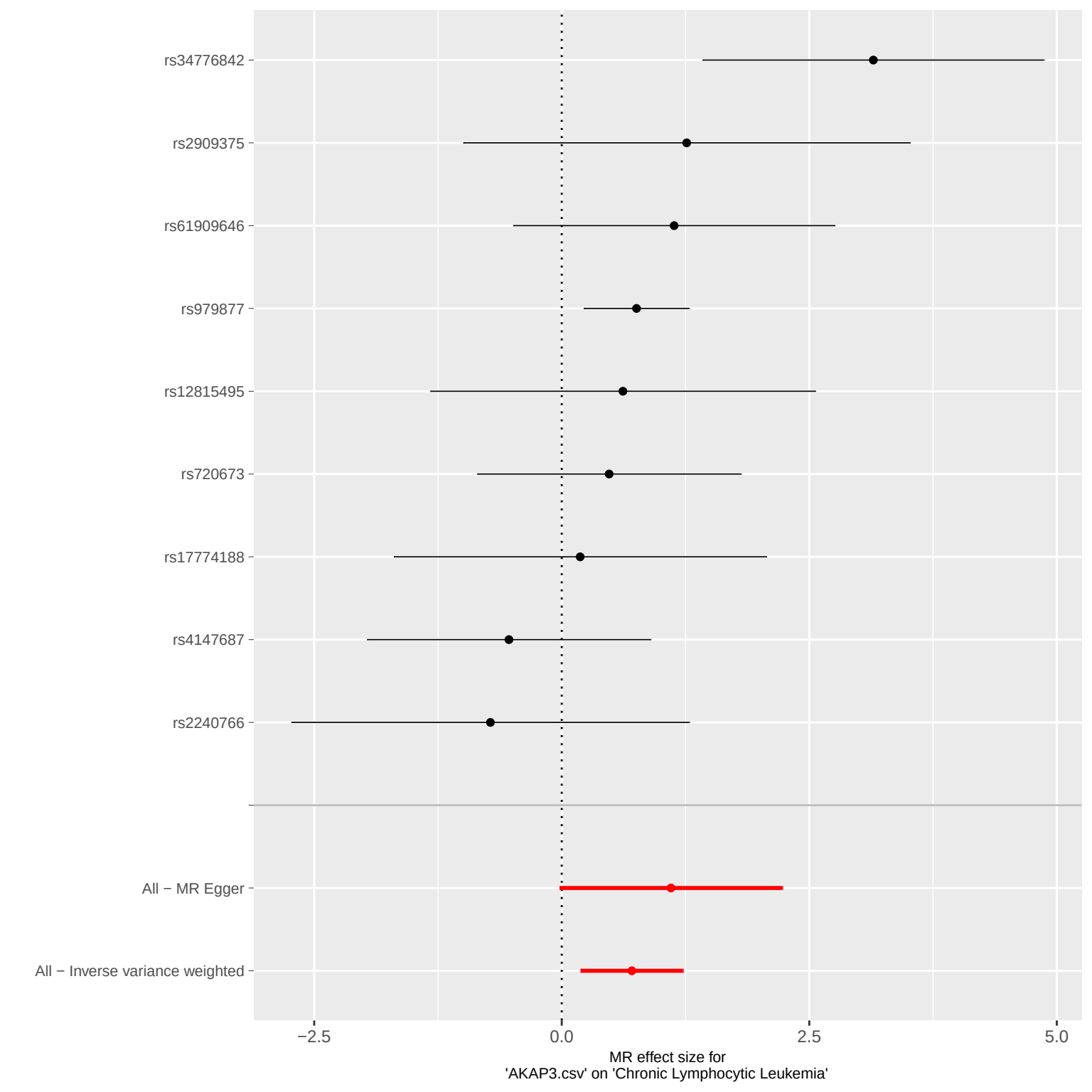
MR effect size for
'AK5.csv' on 'Chronic Lymphocytic Leukemia'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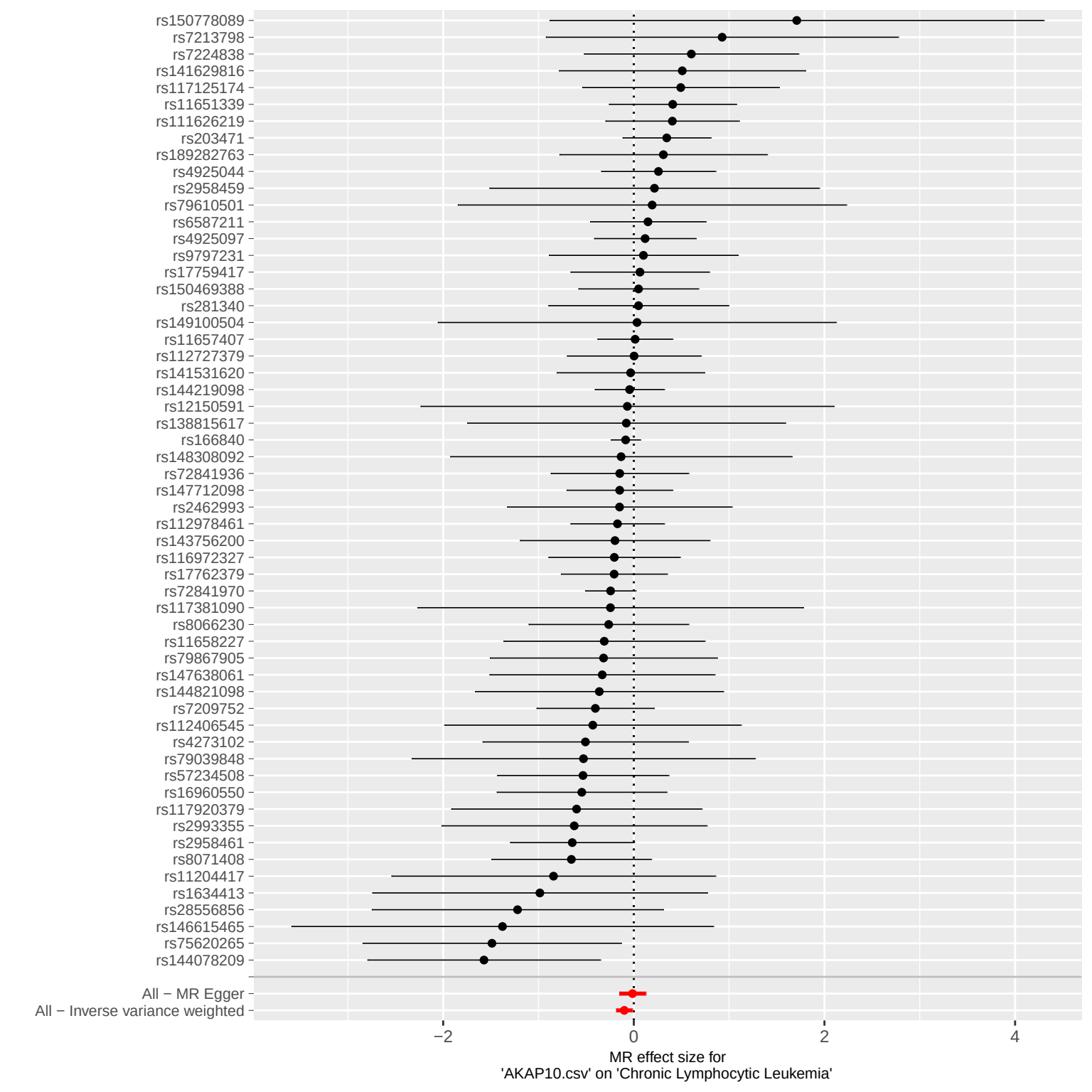
0.0
2.5
5.0
MR effect size for
'AKAP3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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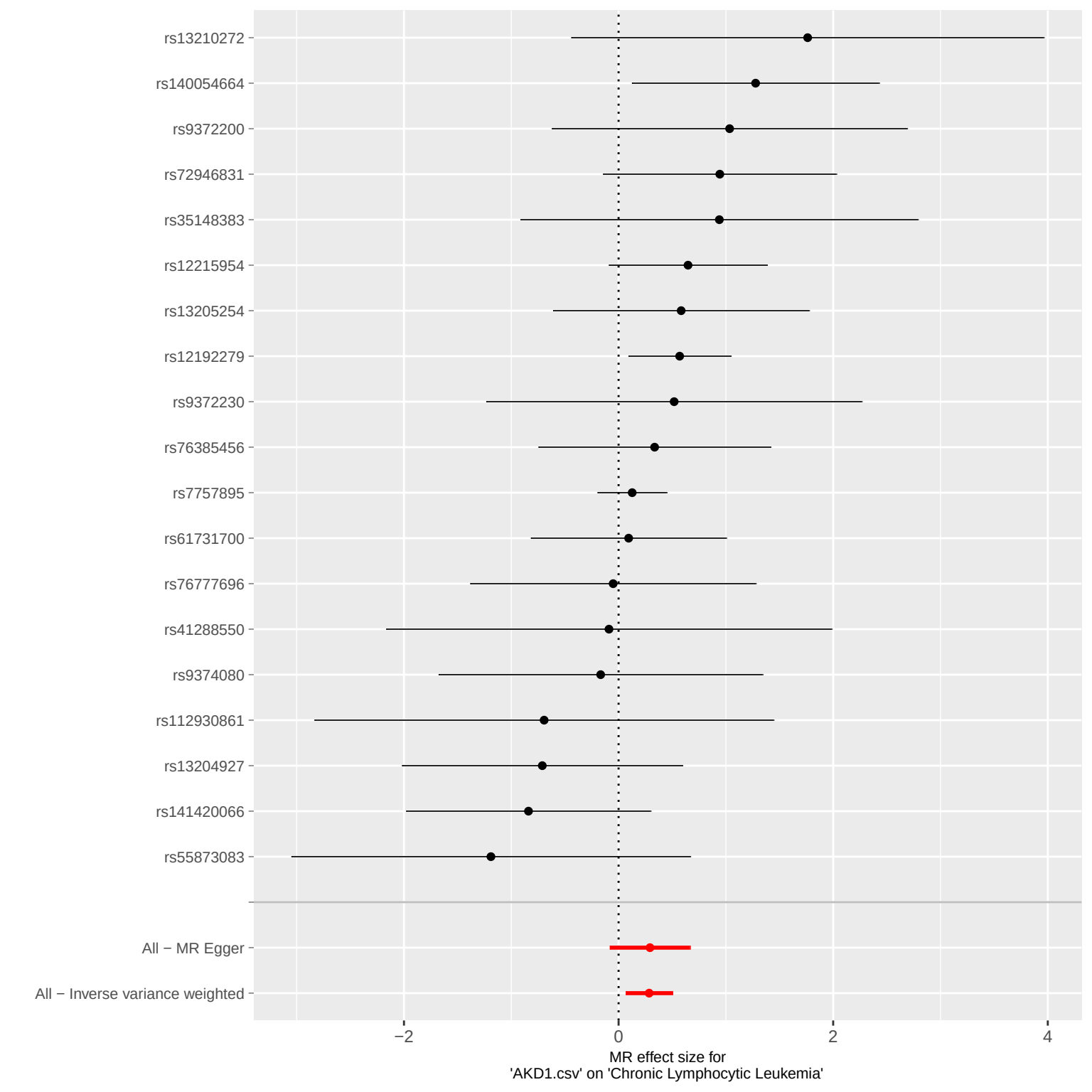
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All − MR Egger
All − Inverse variance weighted
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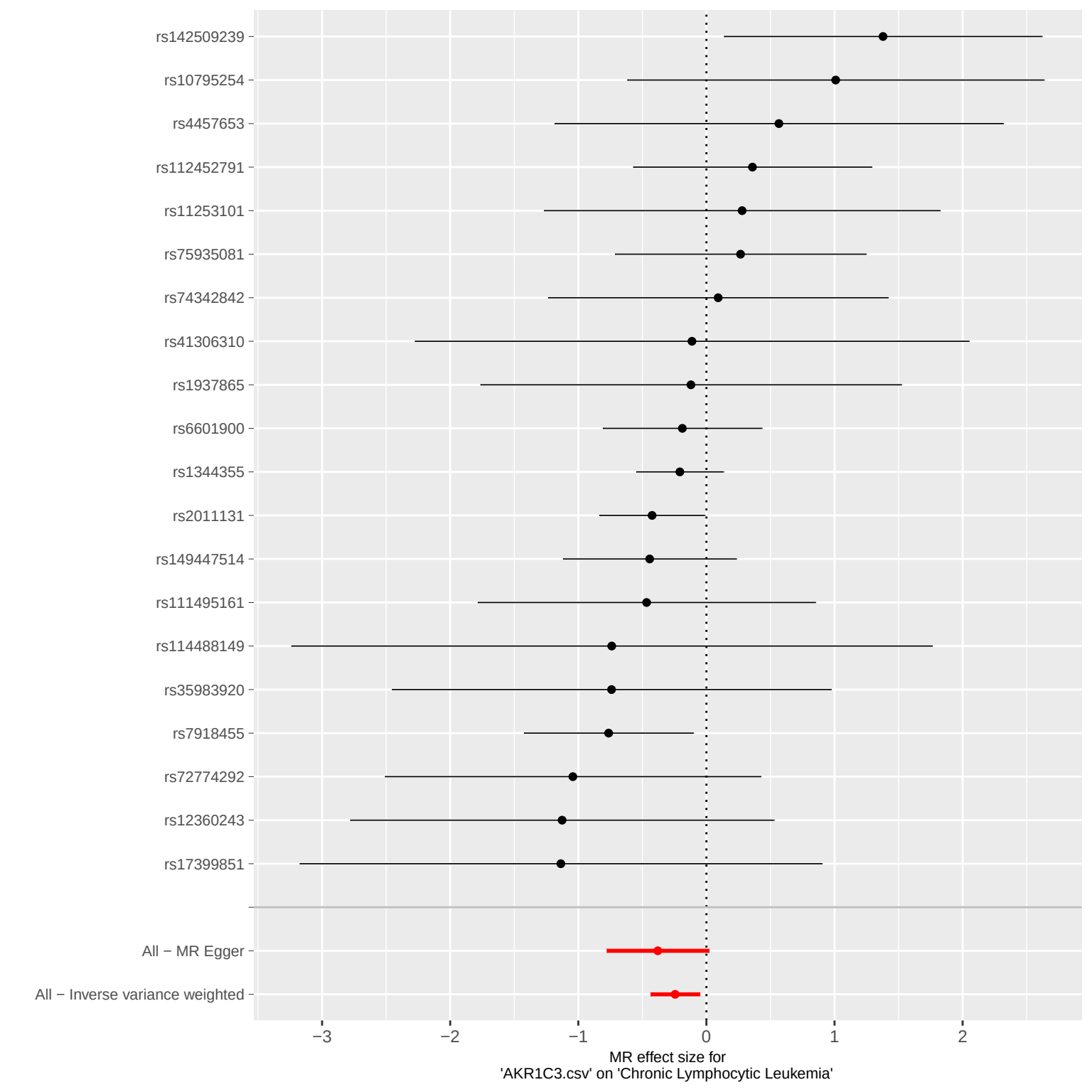
4
MR effect size for
'AKD1.csv' on 'Chronic Lymphocytic Leukemia'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rs2011131
rs149447514
rs111495161
rs114488149
rs35983920
rs7918455
rs72774292
rs12360243
rs17399851
All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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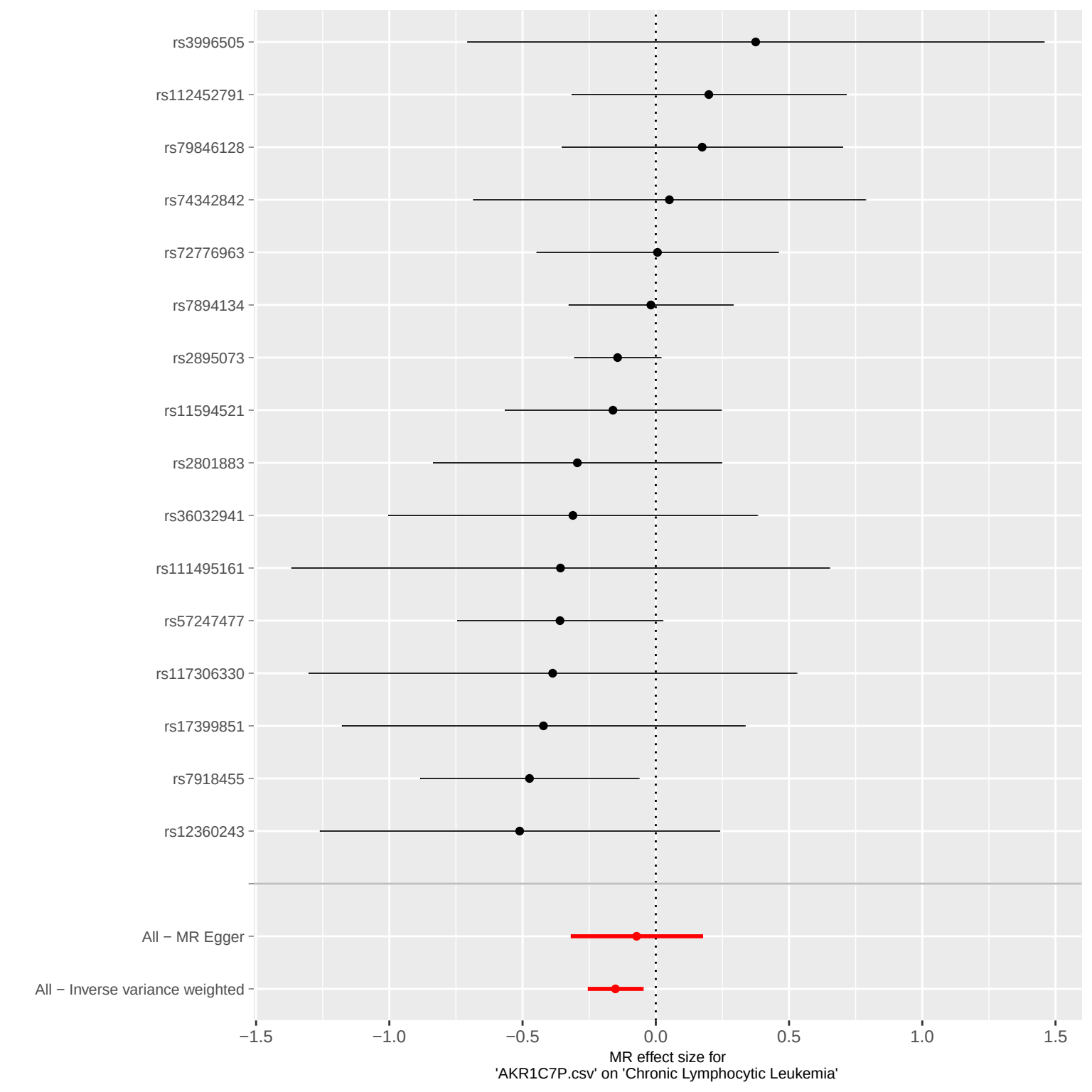
2
MR effect size for
'AKR1C3.csv' on 'Chronic Lymphocytic Leukemia'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rs7918455
rs12360243
All − MR Egger
All − Inverse variance weighted
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−0.5
0.0
0.5
1.0
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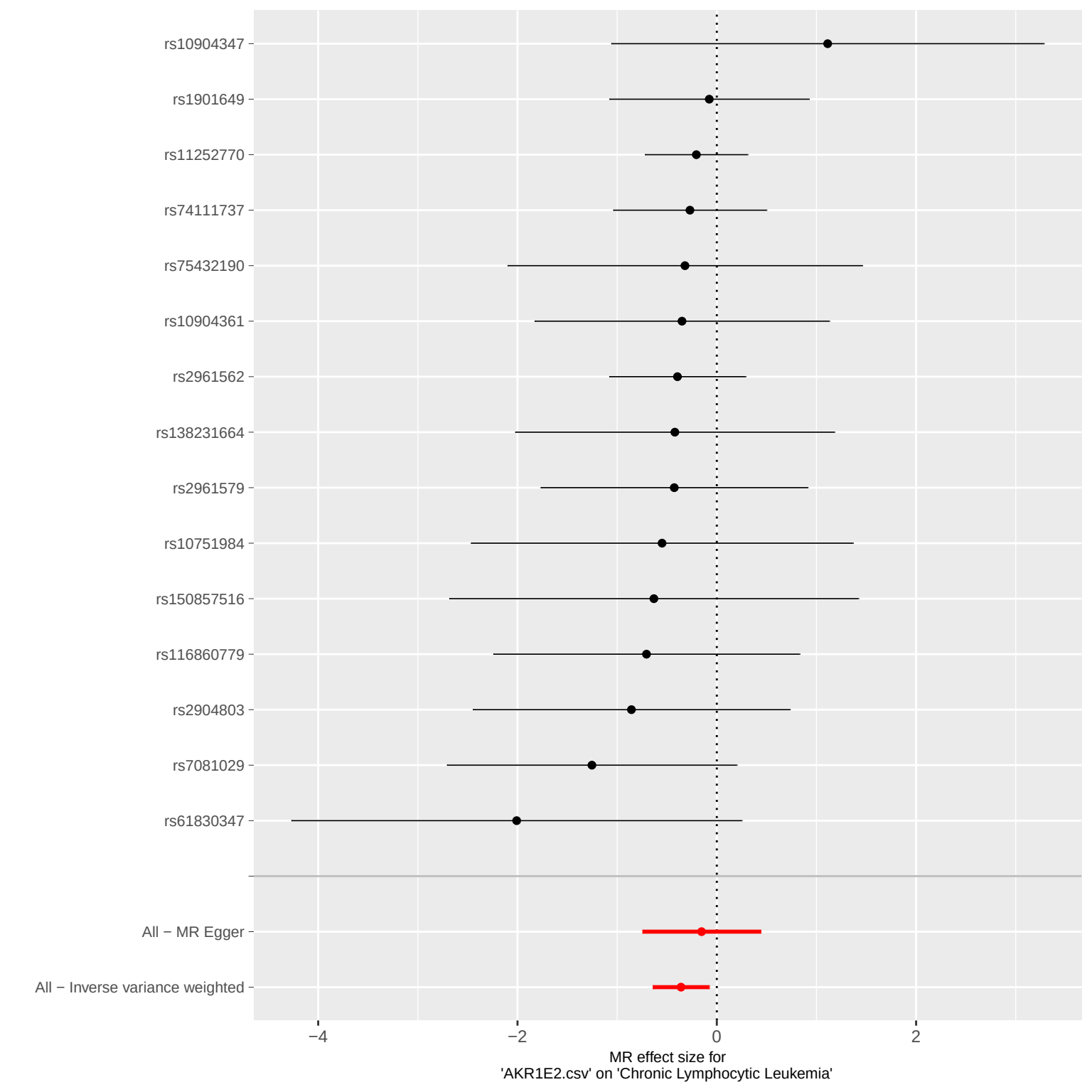
'AKR1C7P.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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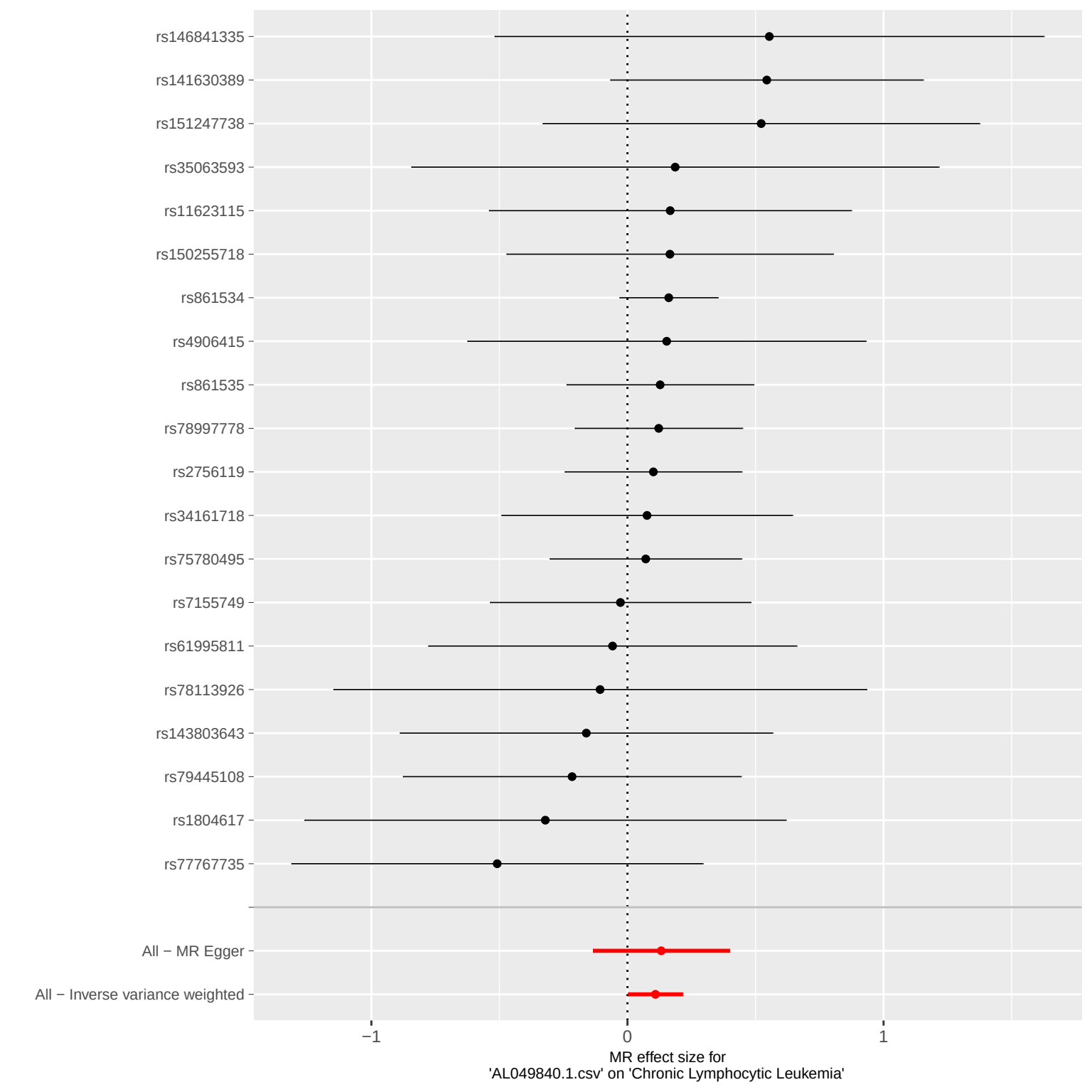
MR effect size for
'AKR1E2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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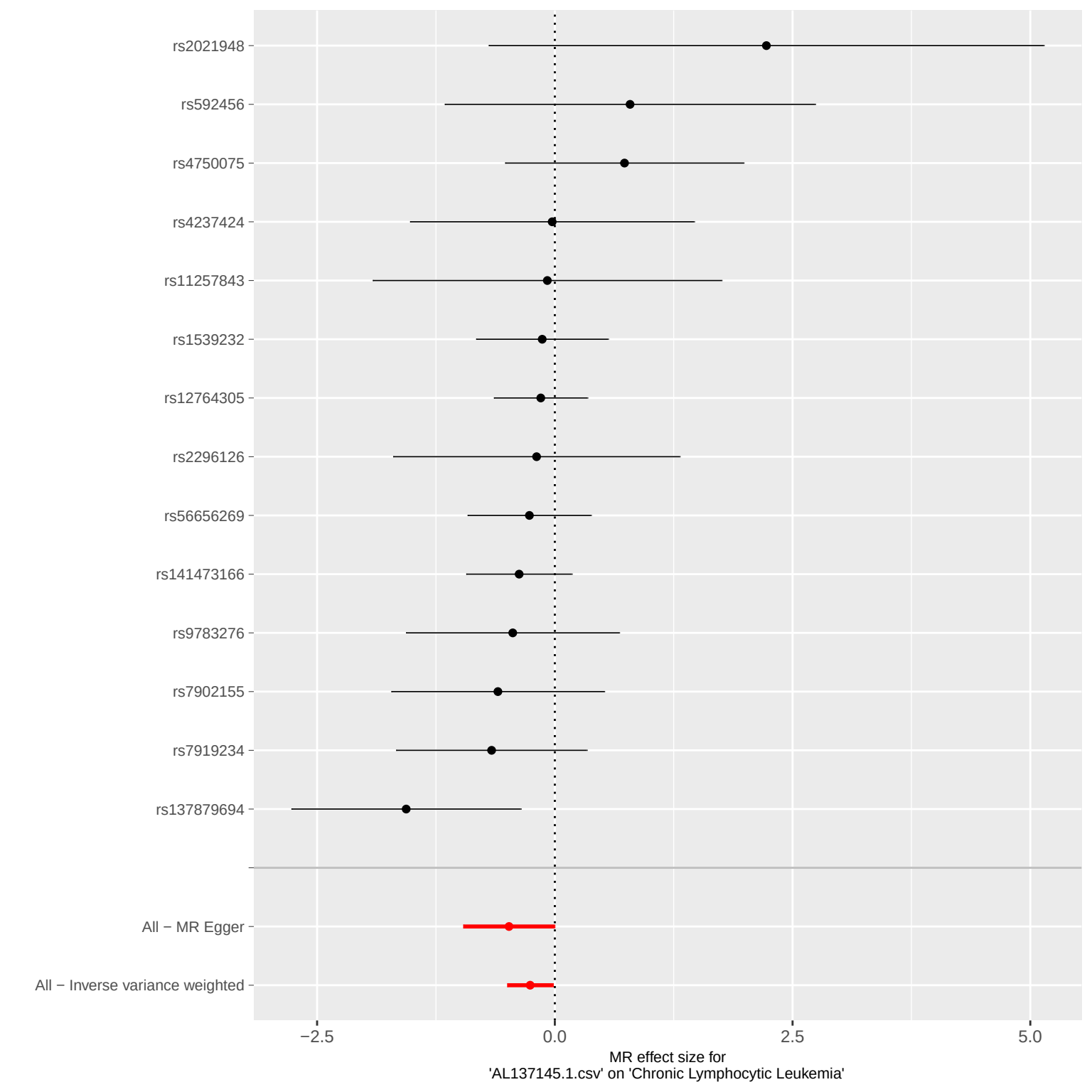
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rs7919234
rs137879694
All − MR Egger
All − Inverse variance weighted
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2.5
5.0
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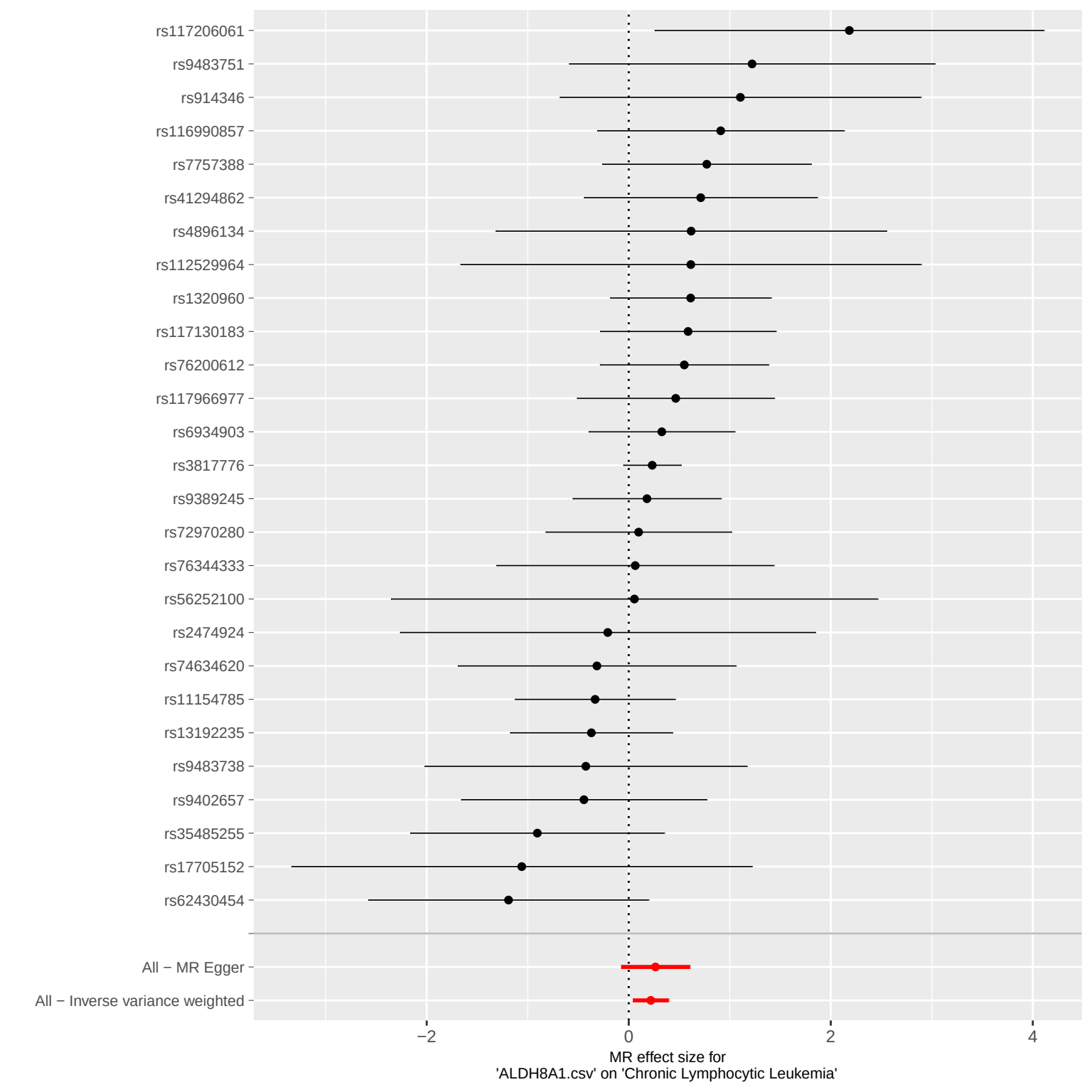
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rs2474924
rs74634620
rs11154785
rs13192235
rs9483738
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rs35485255
rs17705152
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All − MR Egger
All − Inverse variance weighted
−2
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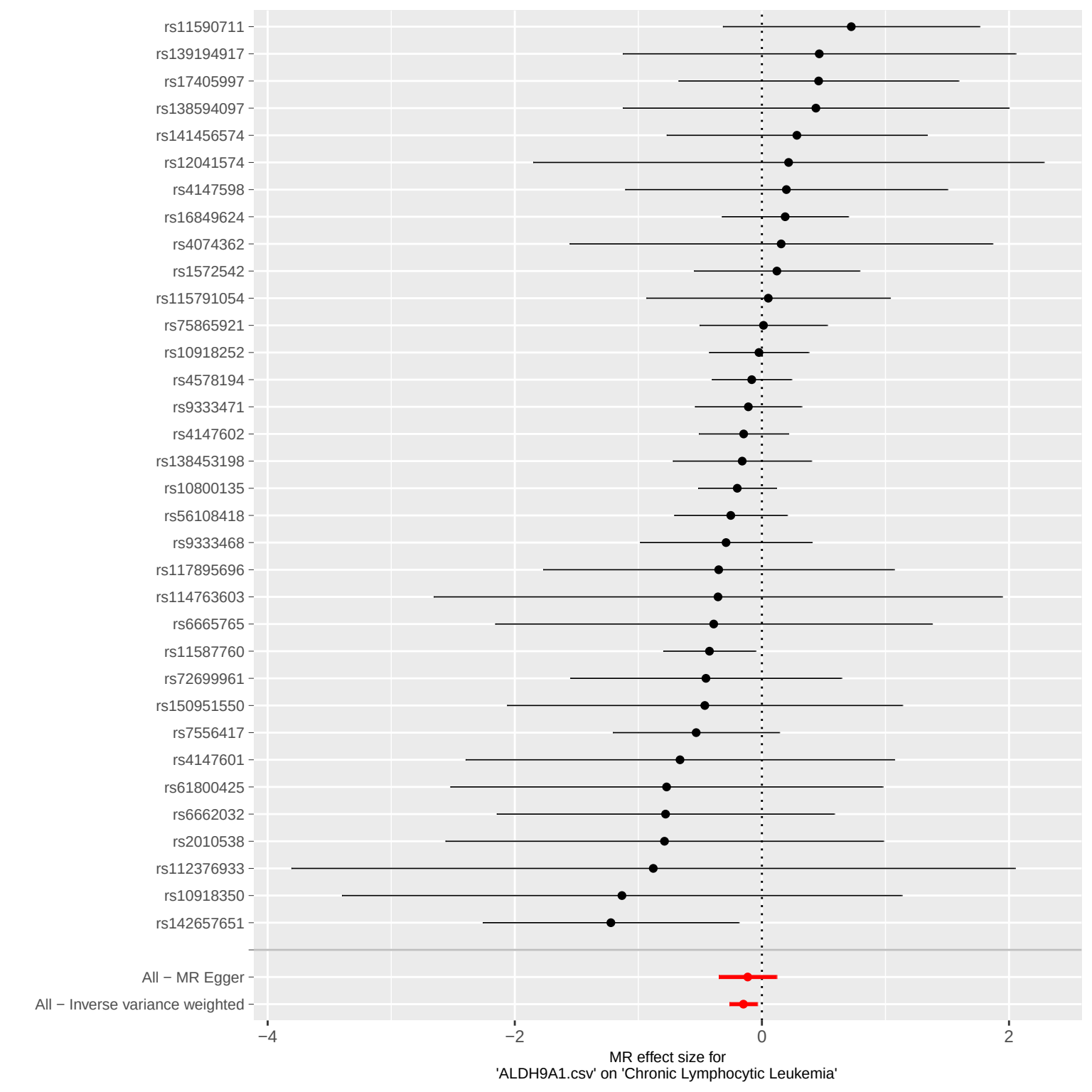
2
4
MR effect size for
'ALDH8A1.csv' on 'Chronic Lymphocytic Leukemia'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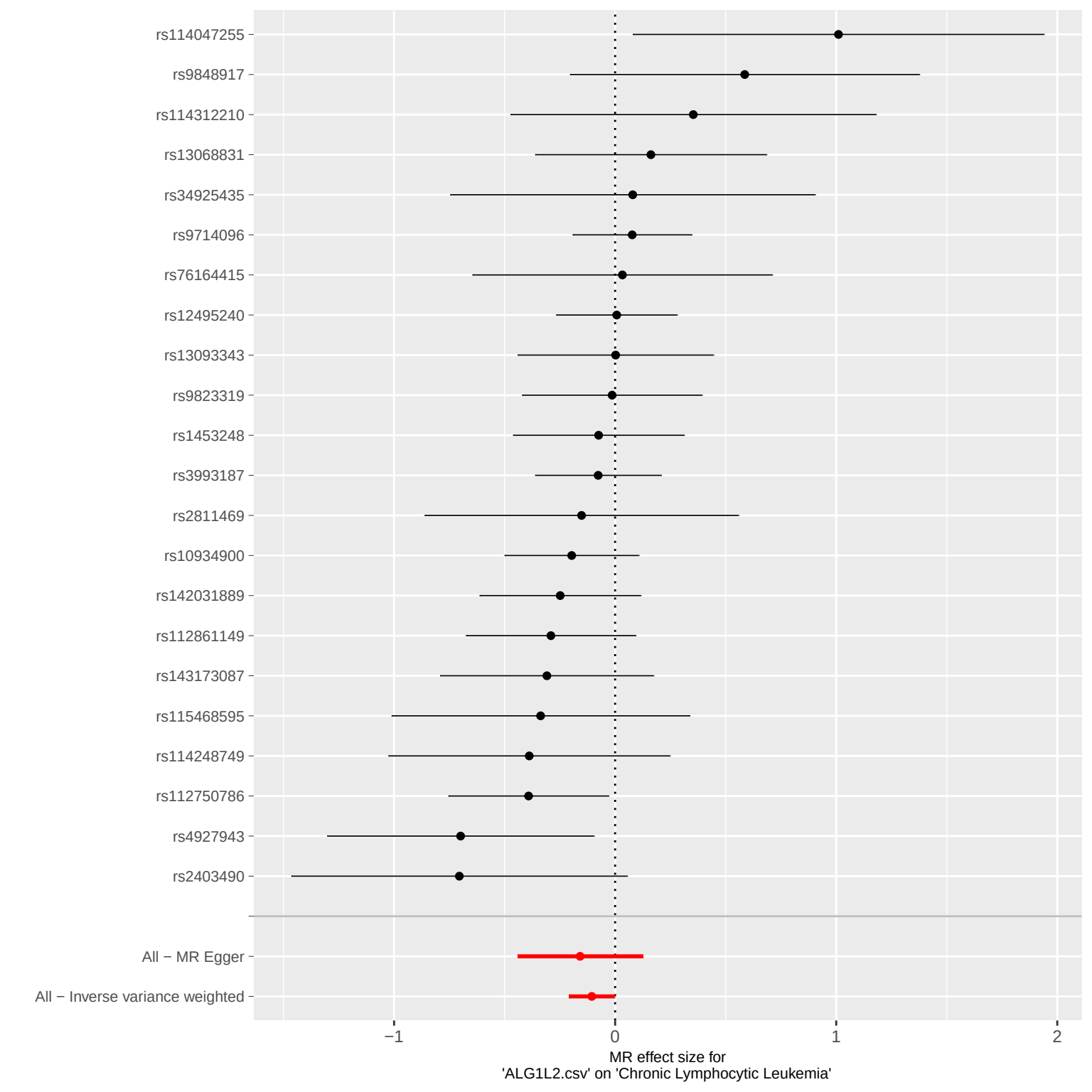
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ALDH9A1.csv' on 'Chronic Lymphocytic Leukemia'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rs112861149
rs143173087
rs115468595
rs114248749
rs112750786
rs4927943
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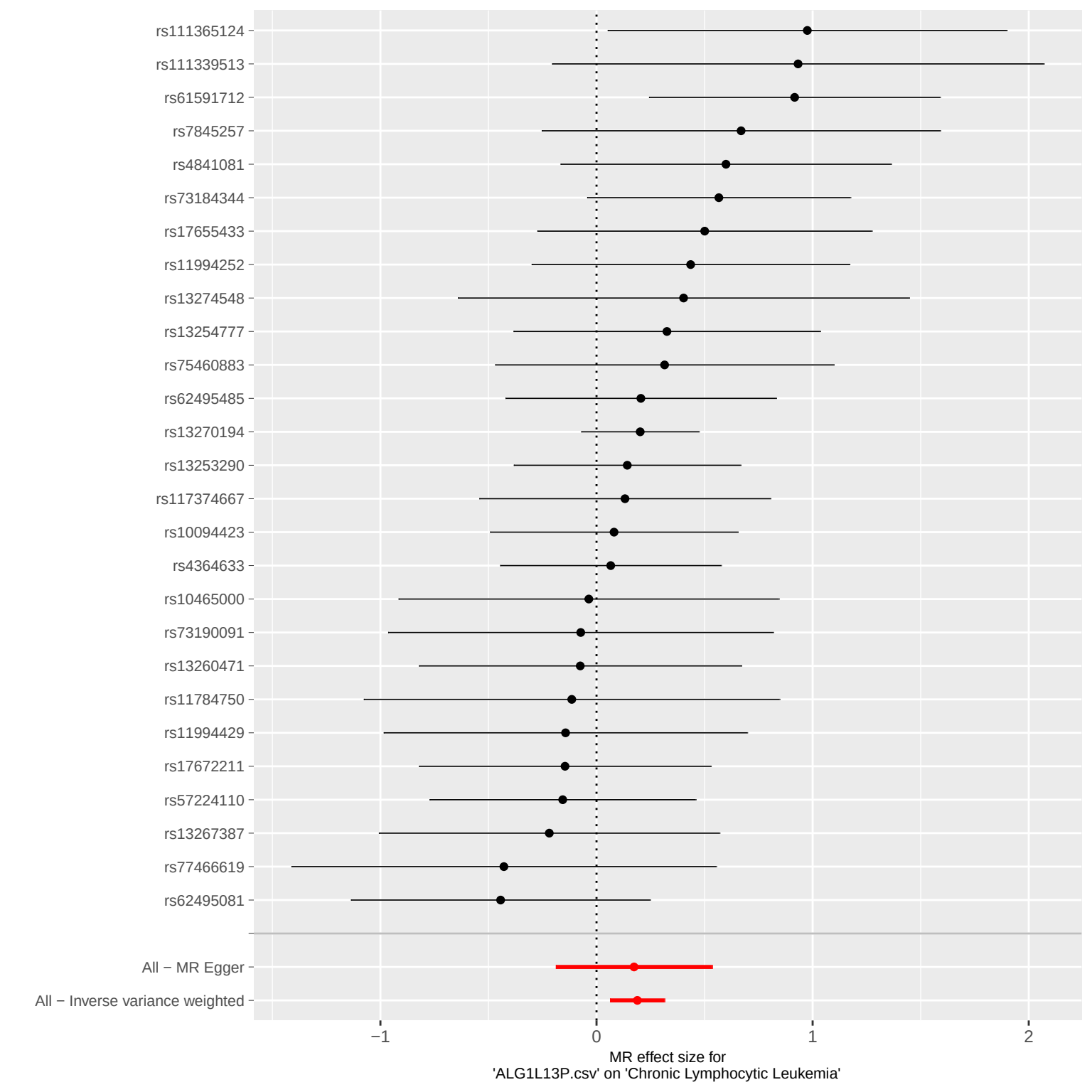
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'ALG1L2.csv' on 'Chronic Lymphocytic Leukemia'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rs57224110
rs13267387
rs77466619
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All − MR Egger
All − Inverse variance weighted
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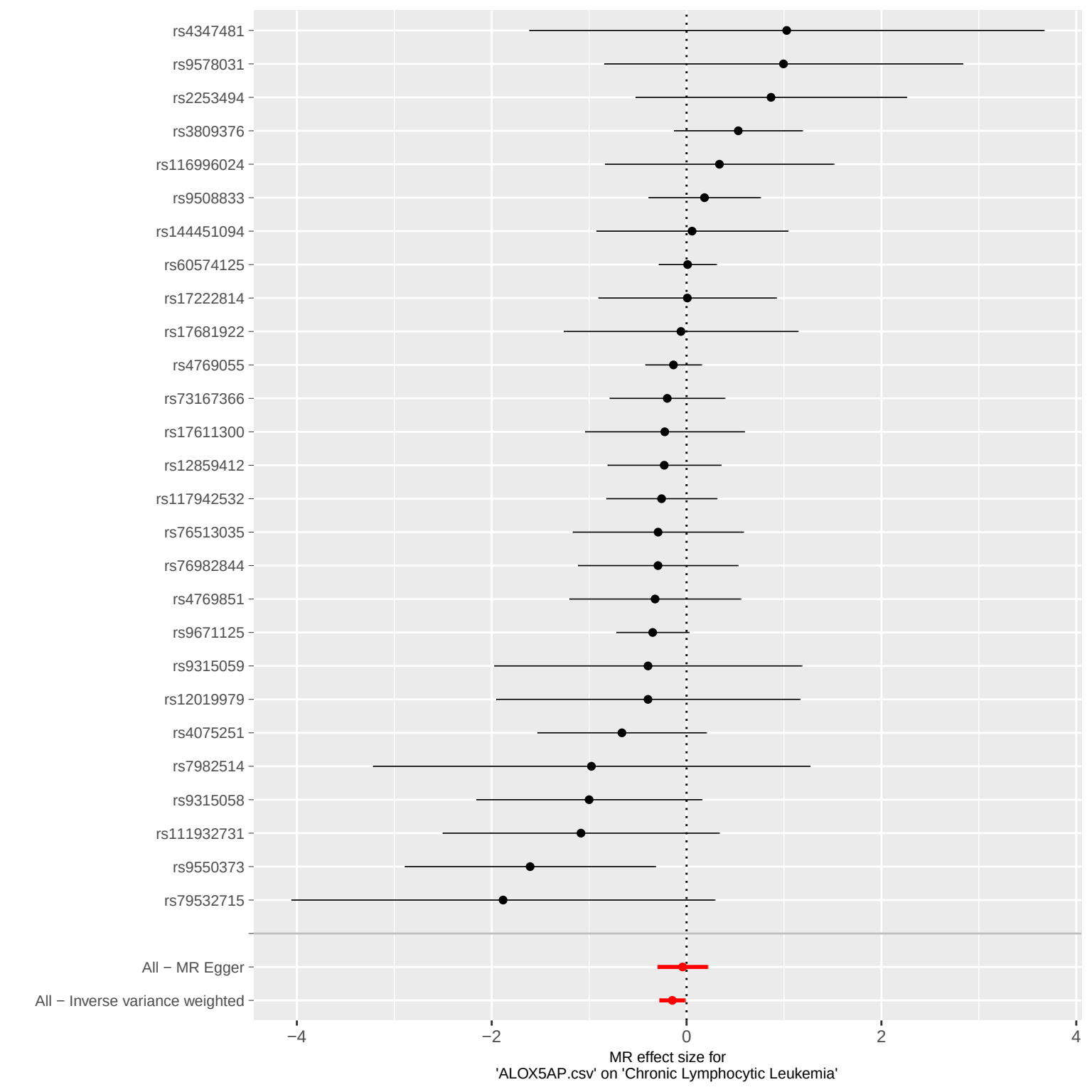
'ALG1L13P.csv' on 'Chronic Lymphocytic Leukemia'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rs9671125
rs9315059
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rs4075251
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rs9315058
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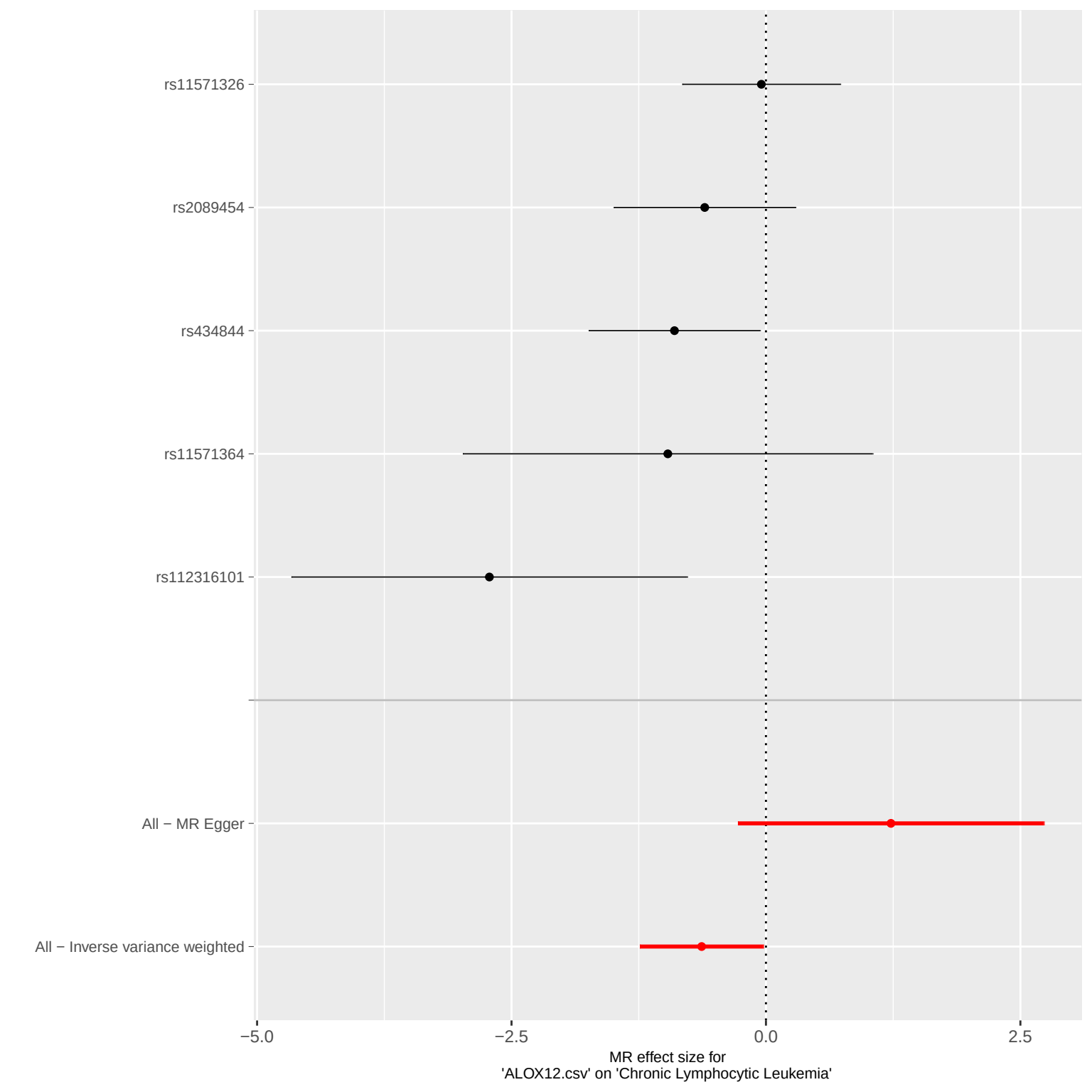
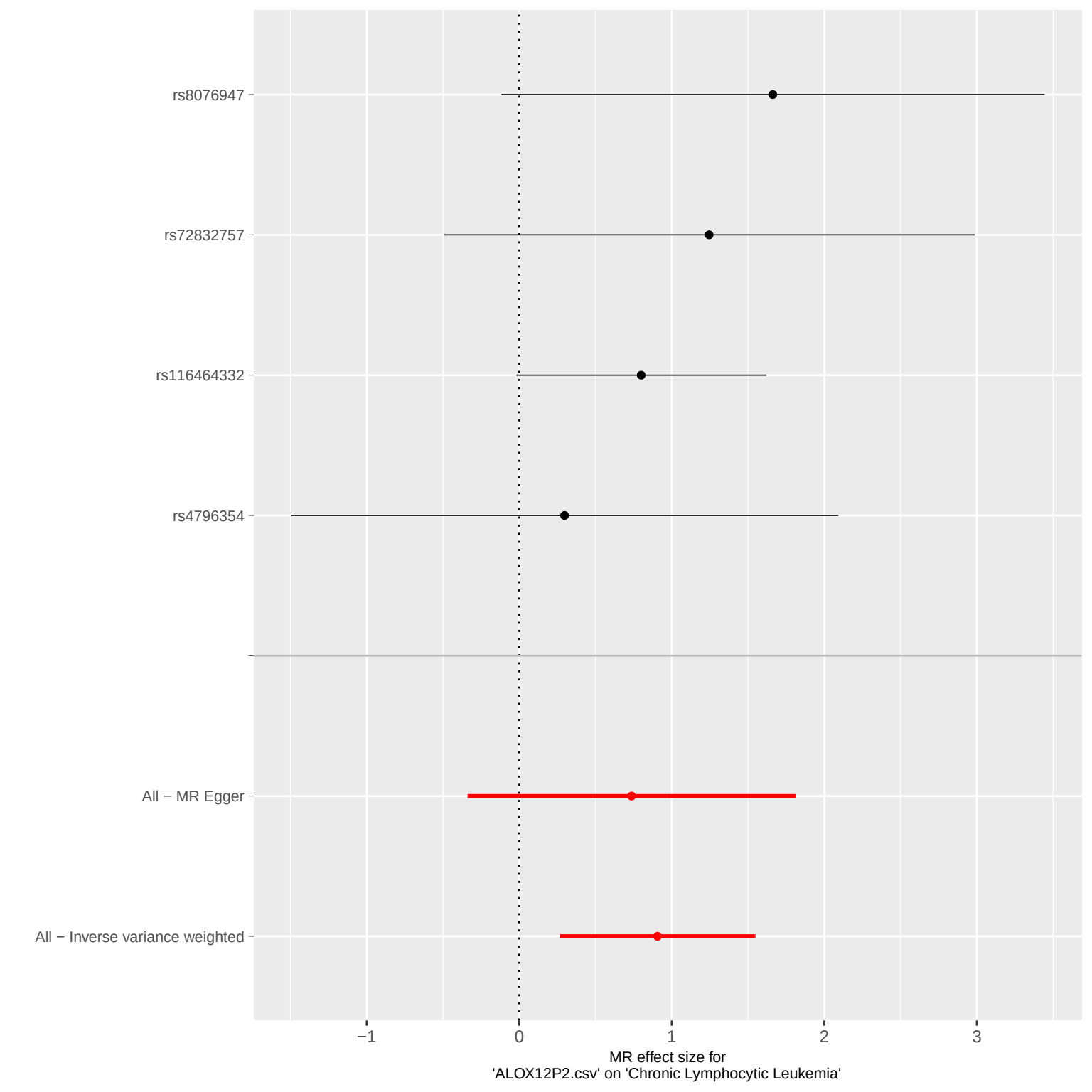
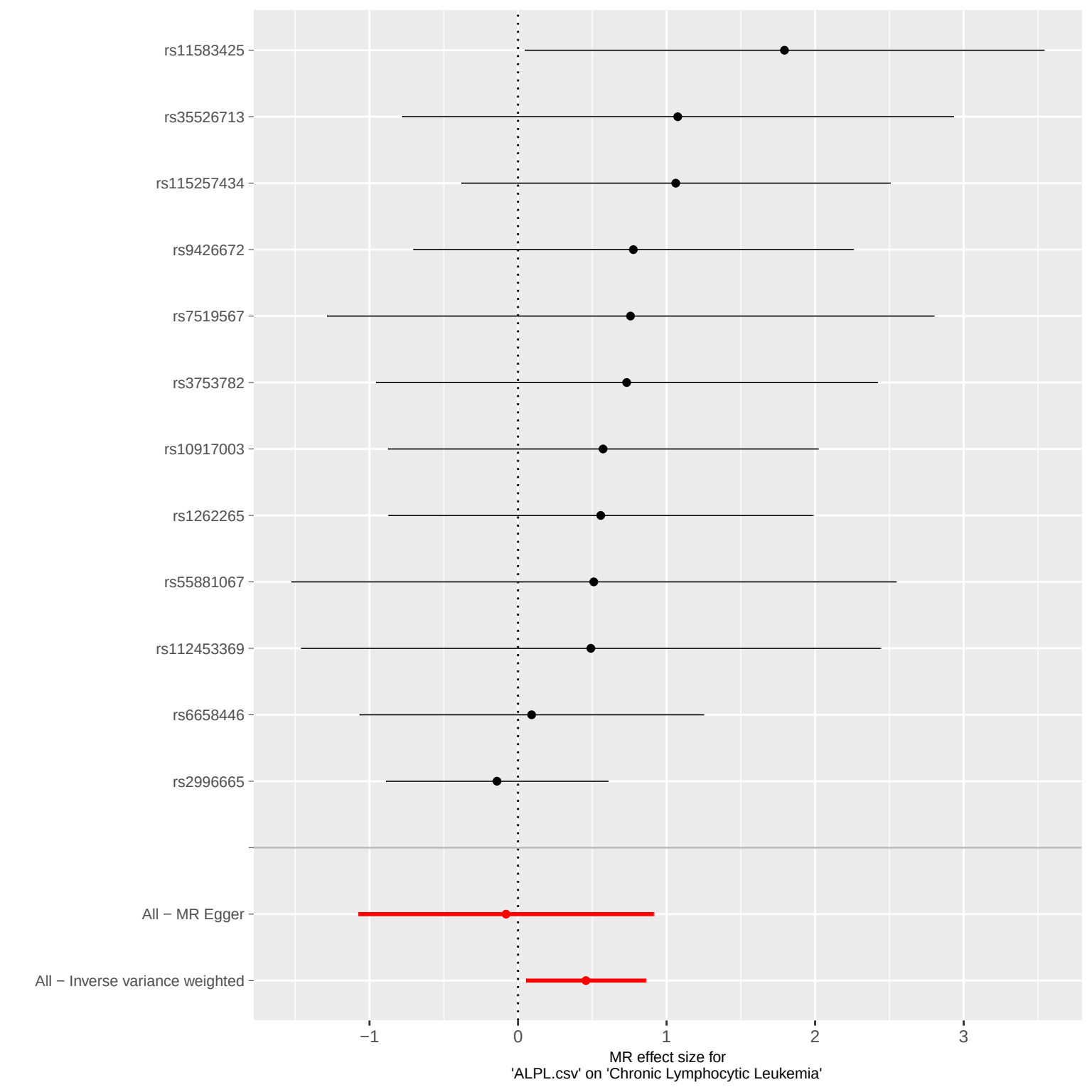
rs9550373
rs79532715
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ALOX5AP.csv' on 'Chronic Lymphocytic Leukemia'


rs11571326
rs2089454
rs434844
rs11571364
rs112316101
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ALOX12.csv' on 'Chronic Lymphocytic Leukemia'


rs8076947
rs72832757
rs116464332
rs4796354
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'ALOX12P2.csv' on 'Chronic Lymphocytic Leukemia'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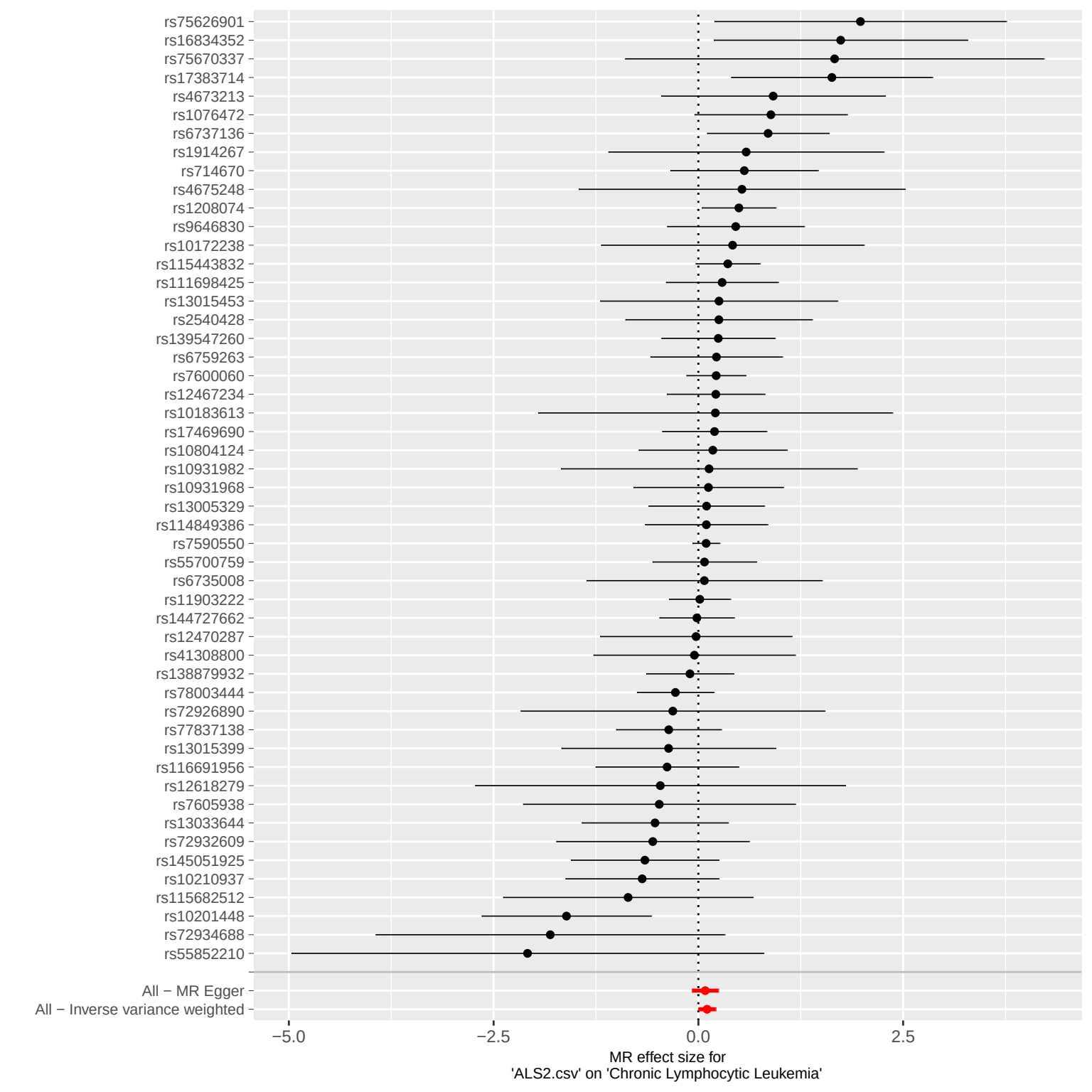
rs115257434
rs9426672
rs7519567
rs3753782
rs10917003
rs1262265
rs55881067
rs112453369
rs6658446
rs2996665
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'ALPL.csv' on 'Chronic Lymphocytic Leukemia'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rs9646830
rs10172238
rs115443832
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rs13015453
rs2540428
rs139547260
rs6759263
rs7600060
rs12467234
rs10183613
rs17469690
rs10804124
rs10931982
rs10931968
rs13005329
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rs7590550
rs55700759
rs6735008
rs11903222
rs144727662
rs12470287
rs41308800
rs138879932
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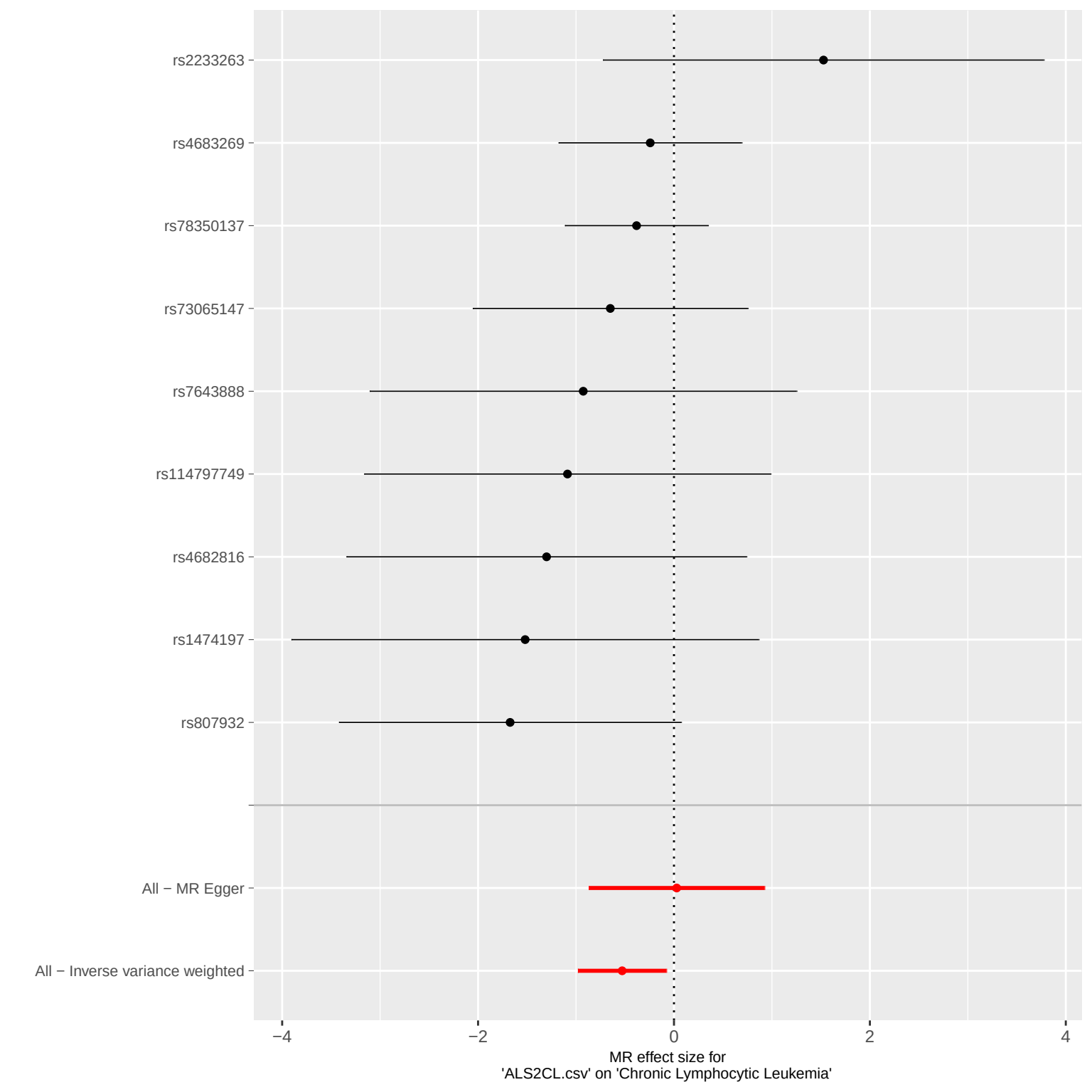
rs77837138
rs13015399
rs116691956
rs12618279
rs7605938
rs13033644
rs72932609
rs145051925
rs10210937
rs115682512
rs10201448
rs72934688
rs55852210
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'ALS2.csv' on 'Chronic Lymphocytic Leukemia'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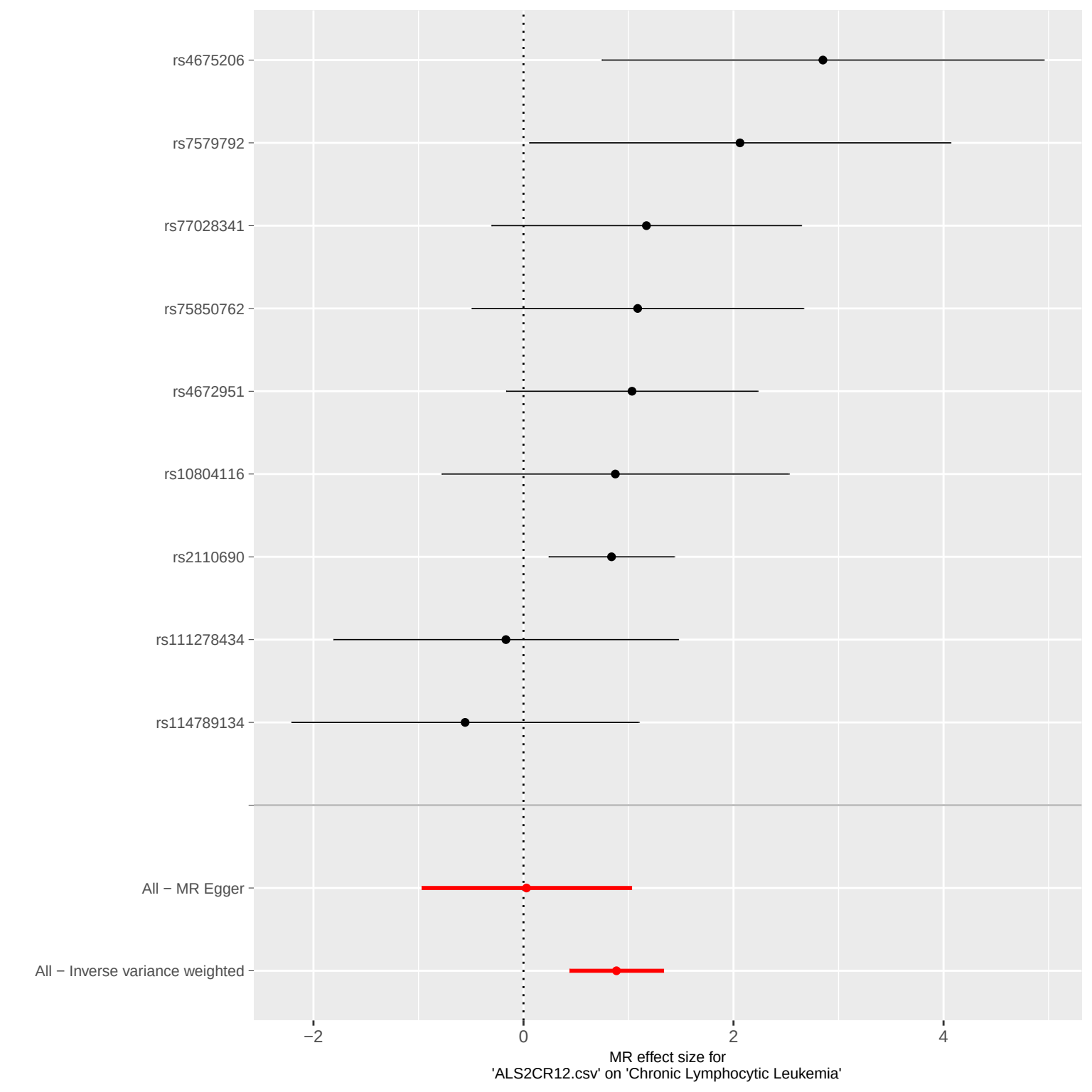
rs78350137
rs73065147
rs7643888
rs114797749
rs4682816
rs1474197
rs807932
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ALS2CL.csv' on 'Chronic Lymphocytic Leukemia'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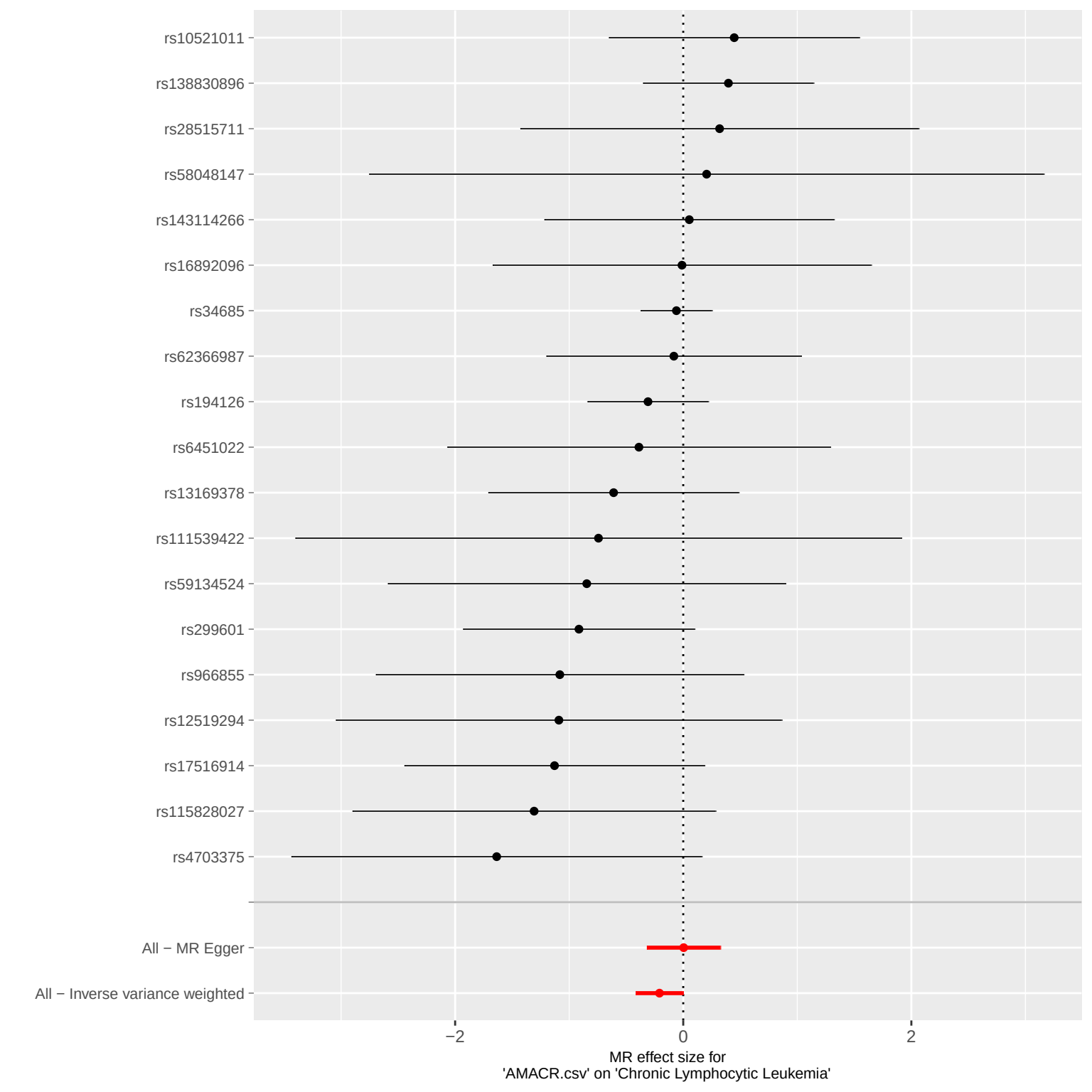
rs7579792
rs77028341
rs75850762
rs4672951
rs10804116
rs2110690
rs111278434
rs114789134
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ALS2CR12.csv' on 'Chronic Lymphocytic Leukemia'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rs58048147
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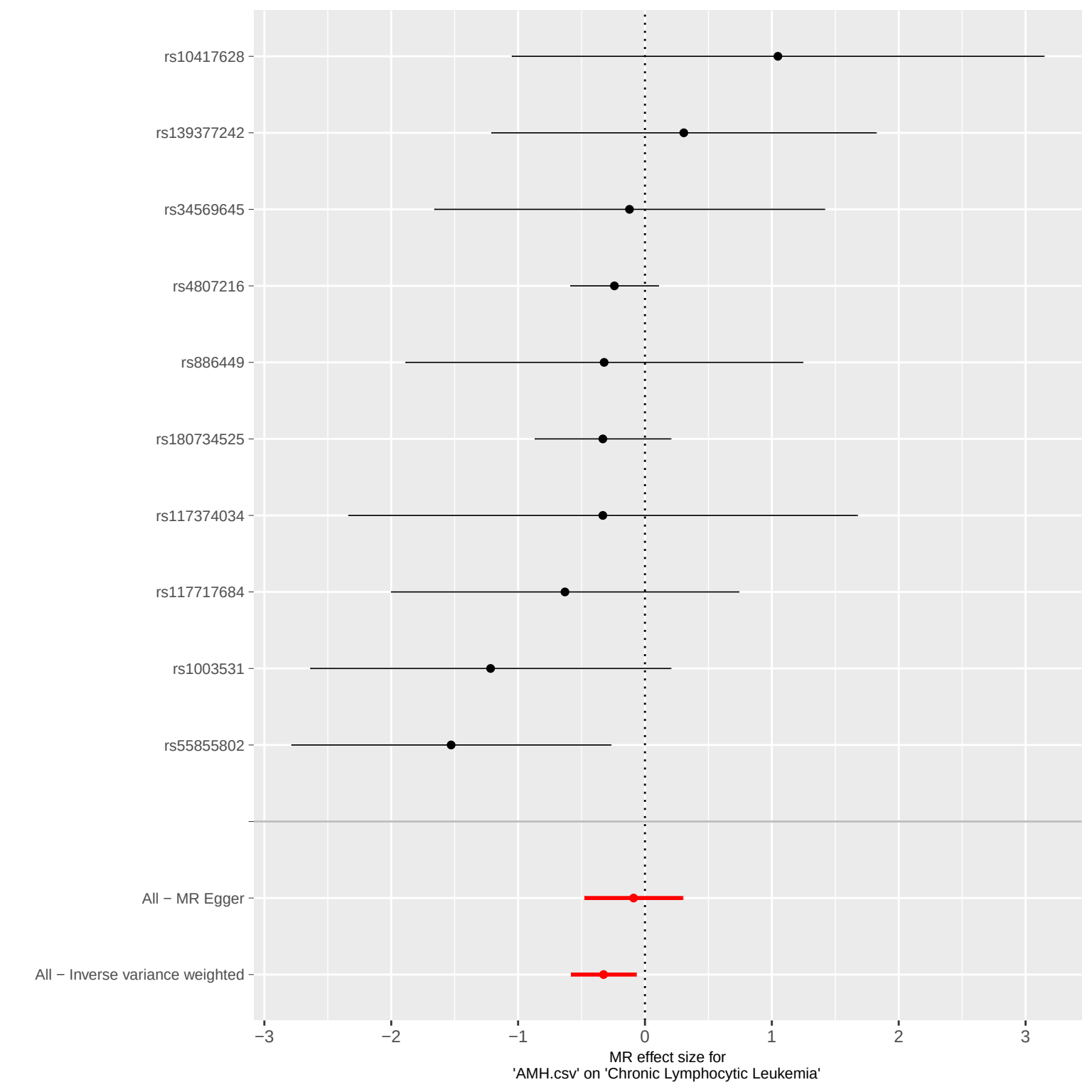
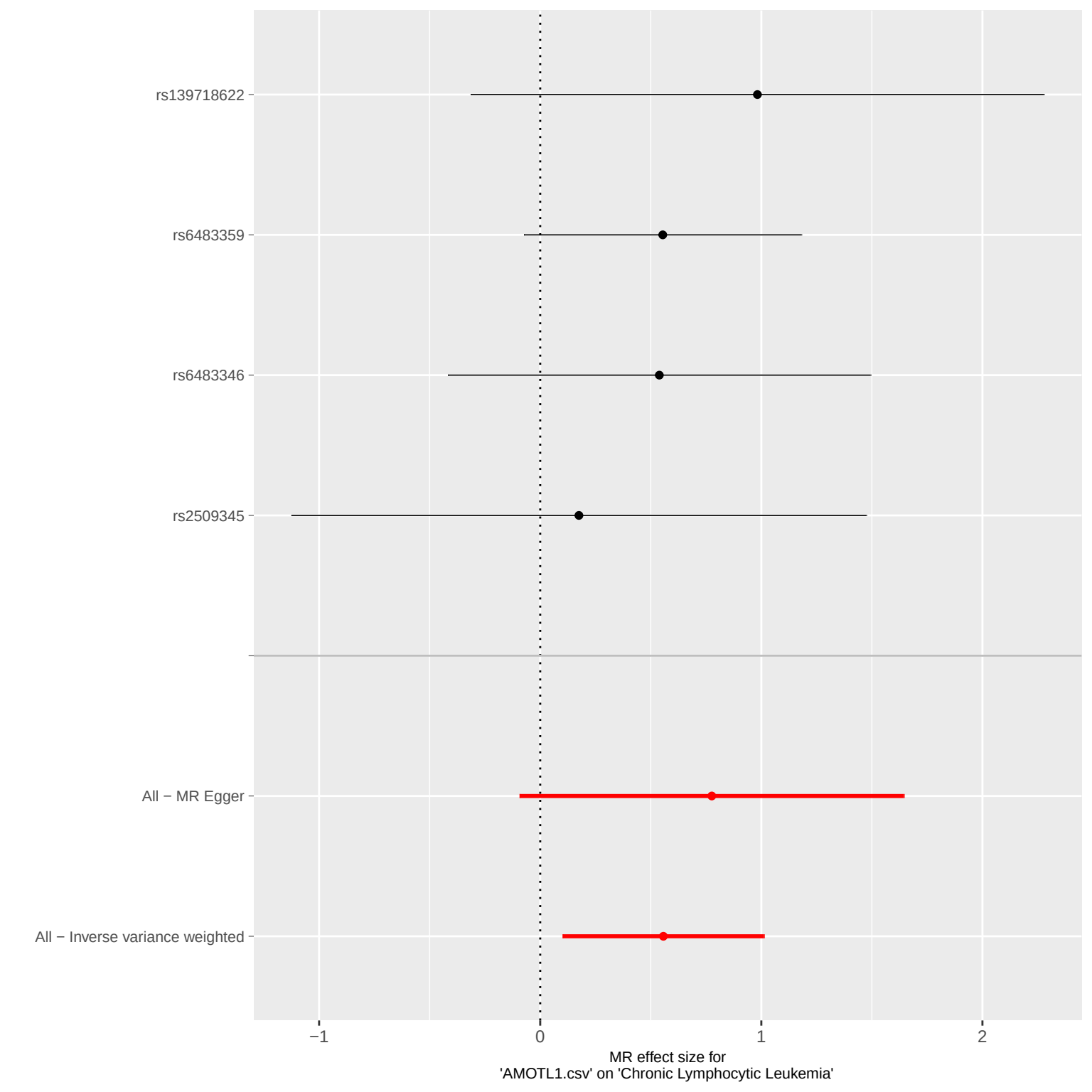
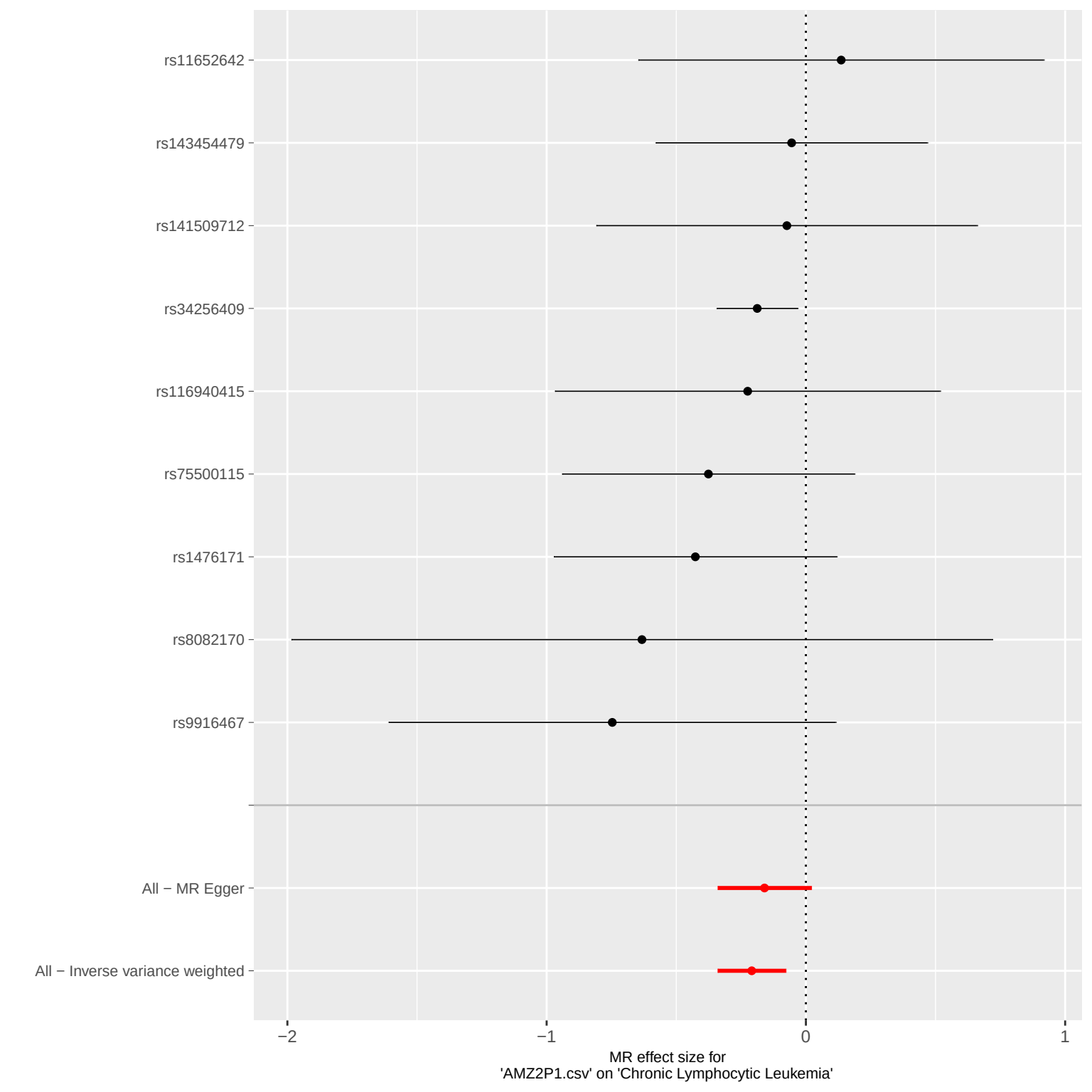
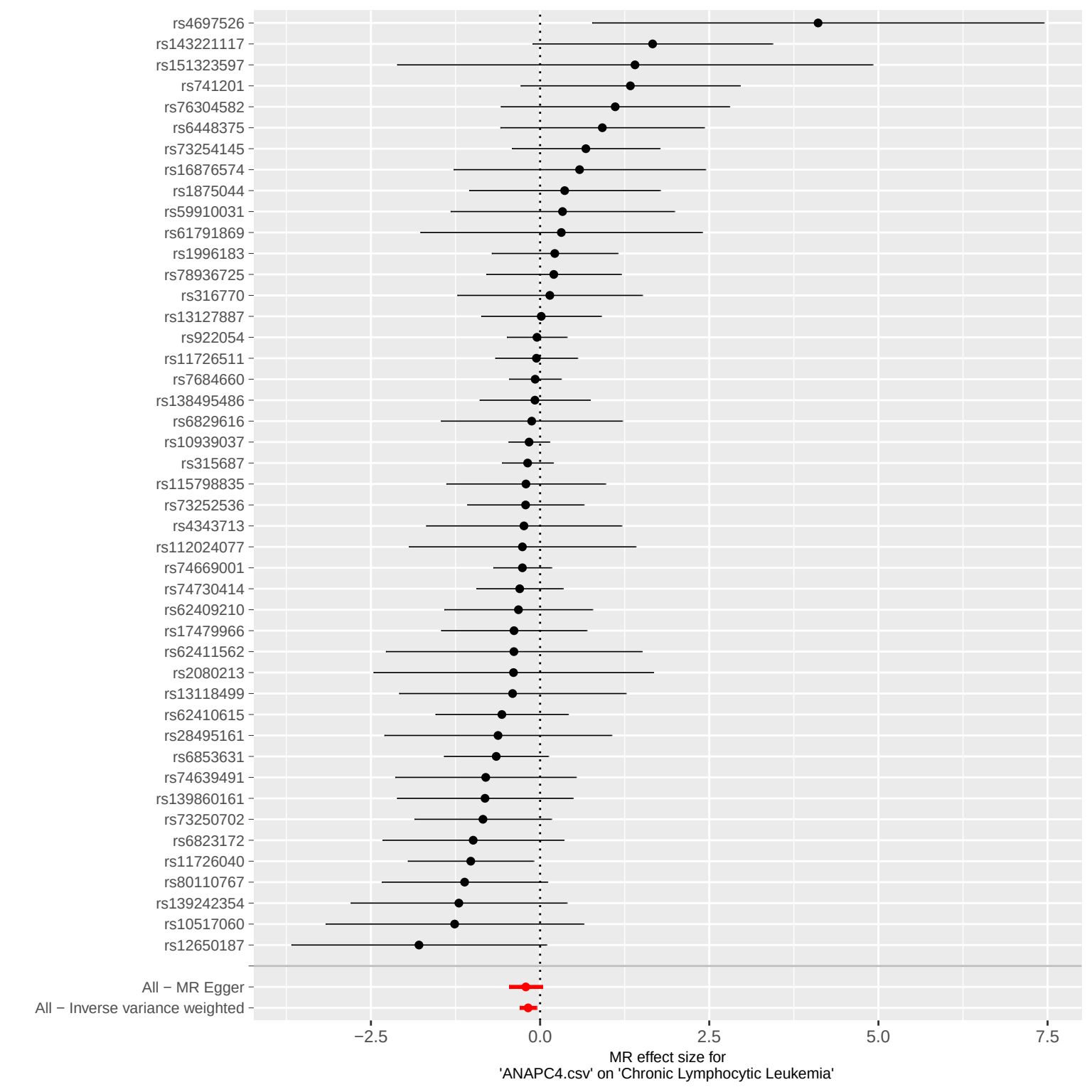
rs16892096
rs34685
rs62366987
rs194126
rs6451022
rs13169378
rs111539422
rs59134524
rs299601
rs966855
rs12519294
rs17516914
rs115828027
rs4703375
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'AMACR.csv' on 'Chronic Lymphocytic Leukemia'


rs10417628
rs139377242
rs34569645
rs4807216
rs886449
rs180734525
rs117374034
rs117717684
rs1003531
rs55855802
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'AMH.csv' on 'Chronic Lymphocytic Leukemia'


rs139718622
rs6483359
rs6483346
rs2509345
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'AMOTL1.csv' on 'Chronic Lymphocytic Leukemia'


rs11652642
rs143454479
rs141509712
rs34256409
rs116940415
rs75500115
rs1476171
rs8082170
rs9916467
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'AMZ2P1.csv' on 'Chronic Lymphocytic Leukemia'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rs1875044
rs59910031
rs61791869
rs1996183
rs78936725
rs316770
rs13127887
rs922054
rs11726511
rs7684660
rs138495486
rs6829616
rs10939037
rs315687
rs115798835
rs73252536
rs4343713
rs112024077
rs74669001
rs74730414
rs62409210
rs17479966
rs62411562
rs2080213
rs13118499
rs62410615
rs28495161
rs6853631
rs74639491
rs139860161
rs73250702
rs6823172
rs11726040
rs80110767
rs139242354
rs10517060
rs12650187
All − MR Egger
All − Inverse variance weighted
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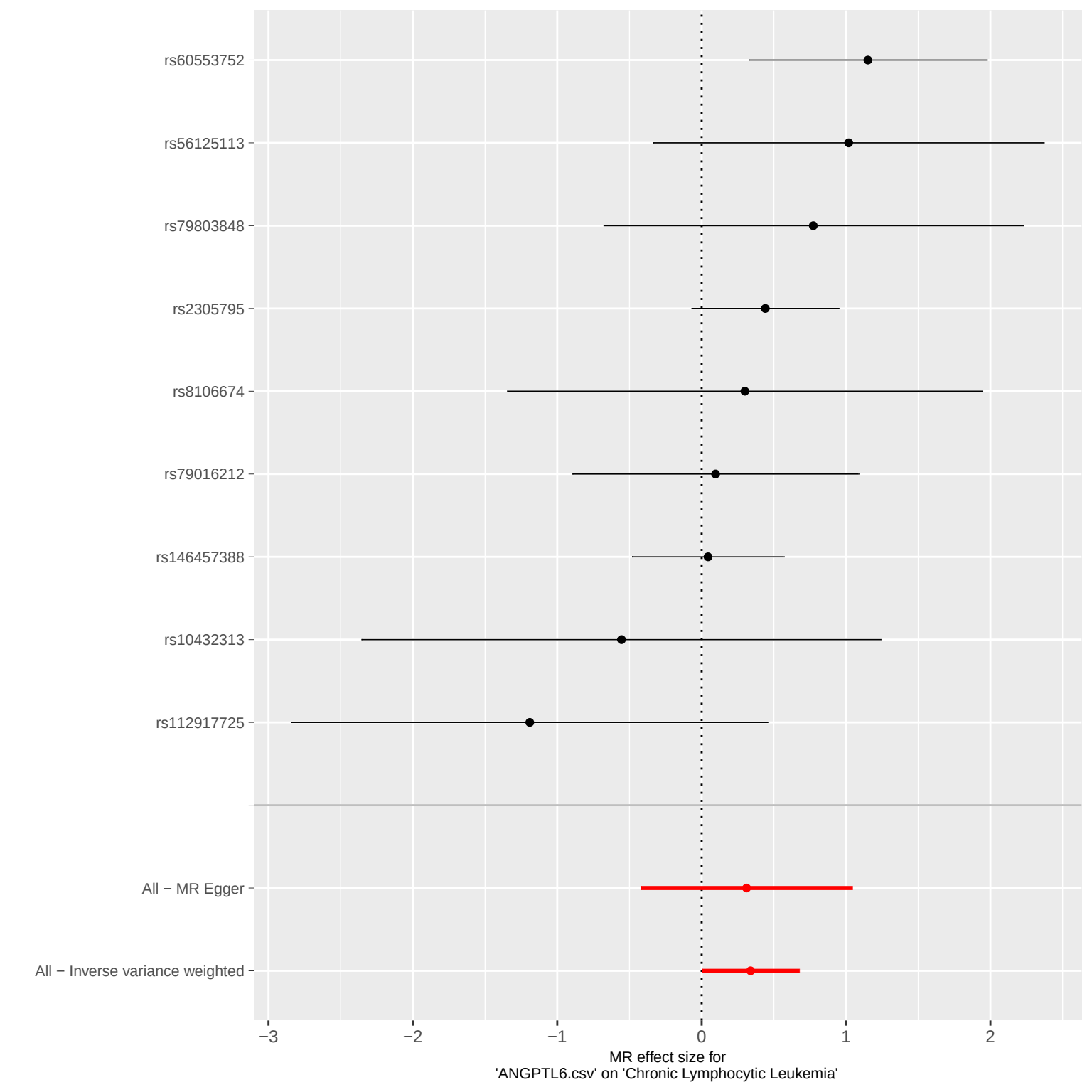
0.0
2.5
5.0
7.5
MR effect size for
'ANAPC4.csv' on 'Chronic Lymphocytic Leukemia'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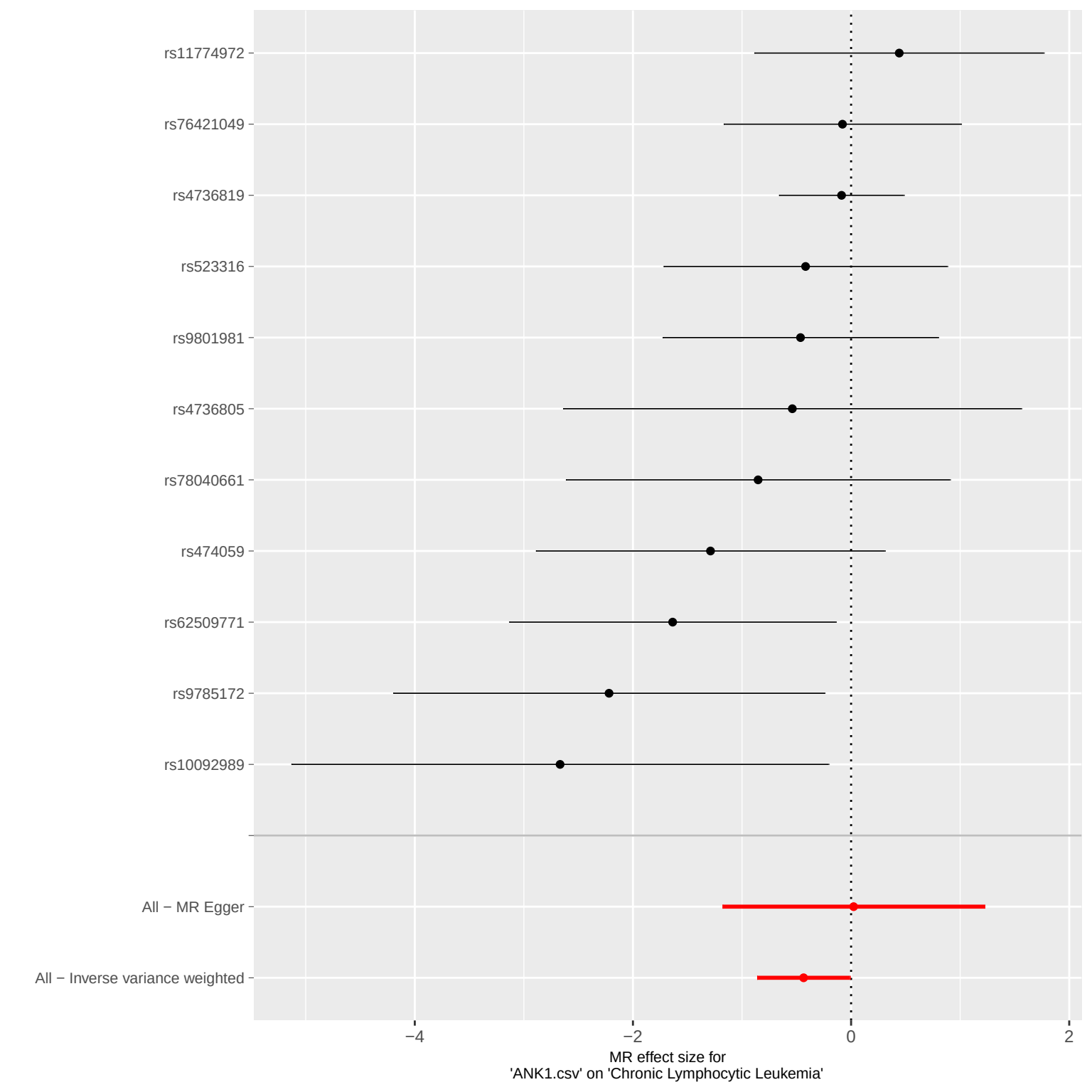
rs56125113
rs79803848
rs2305795
rs8106674
rs79016212
rs146457388
rs10432313
rs112917725
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ANGPTL6.csv' on 'Chronic Lymphocytic Leukemia'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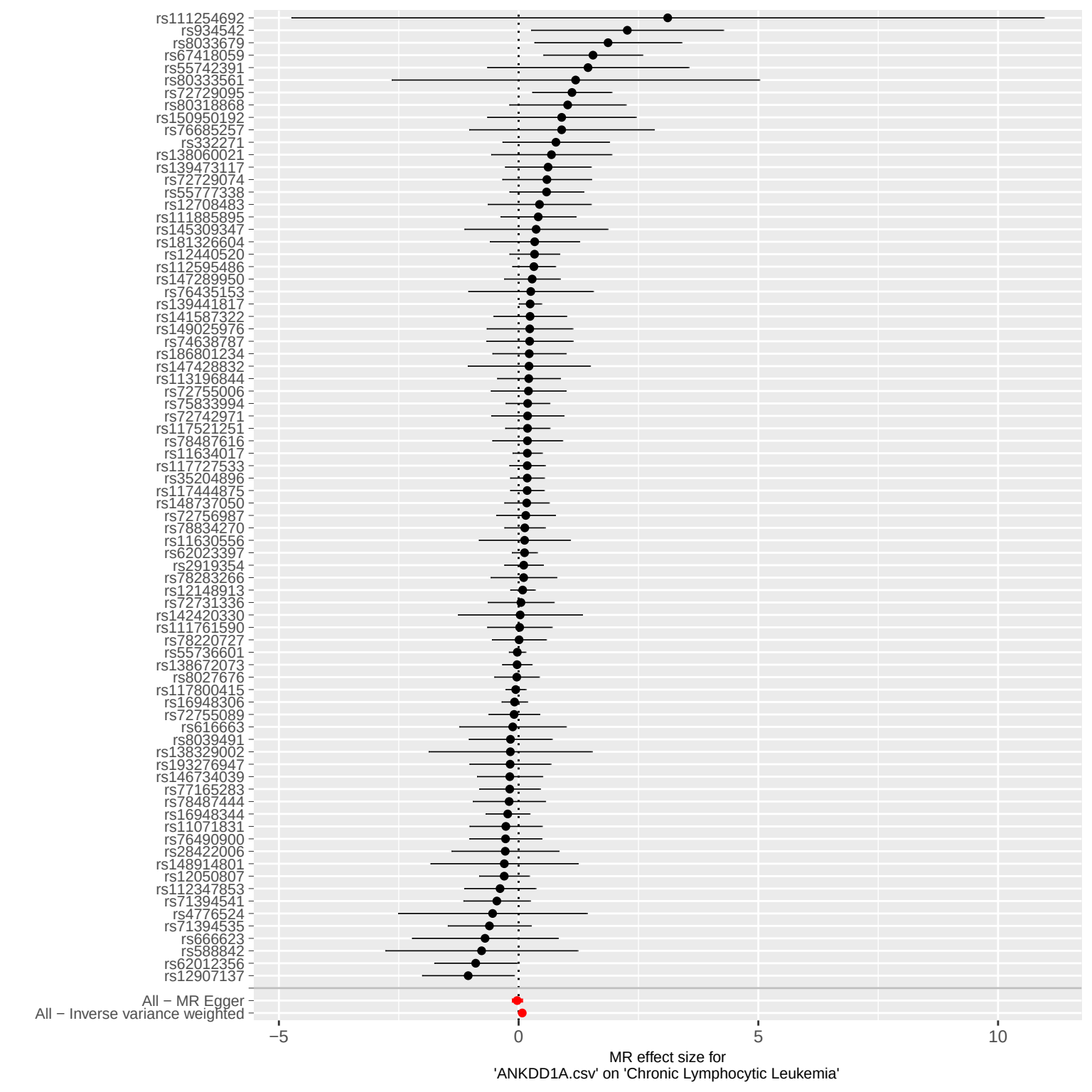
rs76421049
rs4736819
rs523316
rs9801981
rs4736805
rs78040661
rs474059
rs62509771
rs9785172
rs10092989
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ANK1.csv' on 'Chronic Lymphocytic Leukemia'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rs332271
rs138060021
rs139473117
rs72729074
rs55777338
rs12708483
rs111885895
rs145309347
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rs12440520
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rs147289950
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rs186801234
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rs113196844
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rs78834270
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rs142420330
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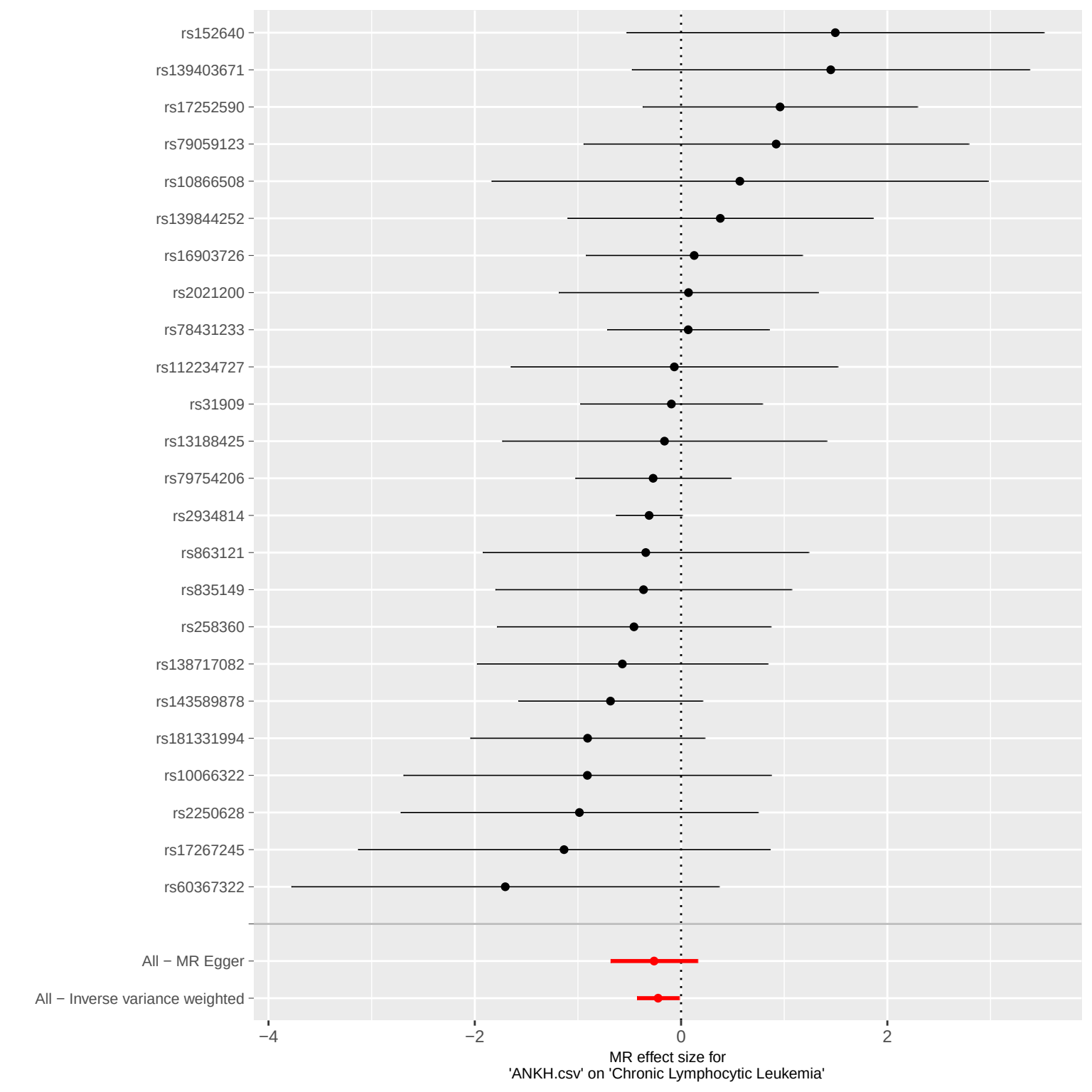
rs8027676
rs117800415
rs16948306
rs72755089
rs616663
rs8039491
rs138329002
rs193276947
rs146734039
rs77165283
rs78487444
rs16948344
rs11071831
rs76490900
rs28422006
rs148914801
rs12050807
rs112347853
rs71394541
rs4776524
rs71394535
rs666623
rs588842
rs62012356
rs12907137
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'ANKDD1A.csv' on 'Chronic Lymphocytic Leukemia'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rs2021200
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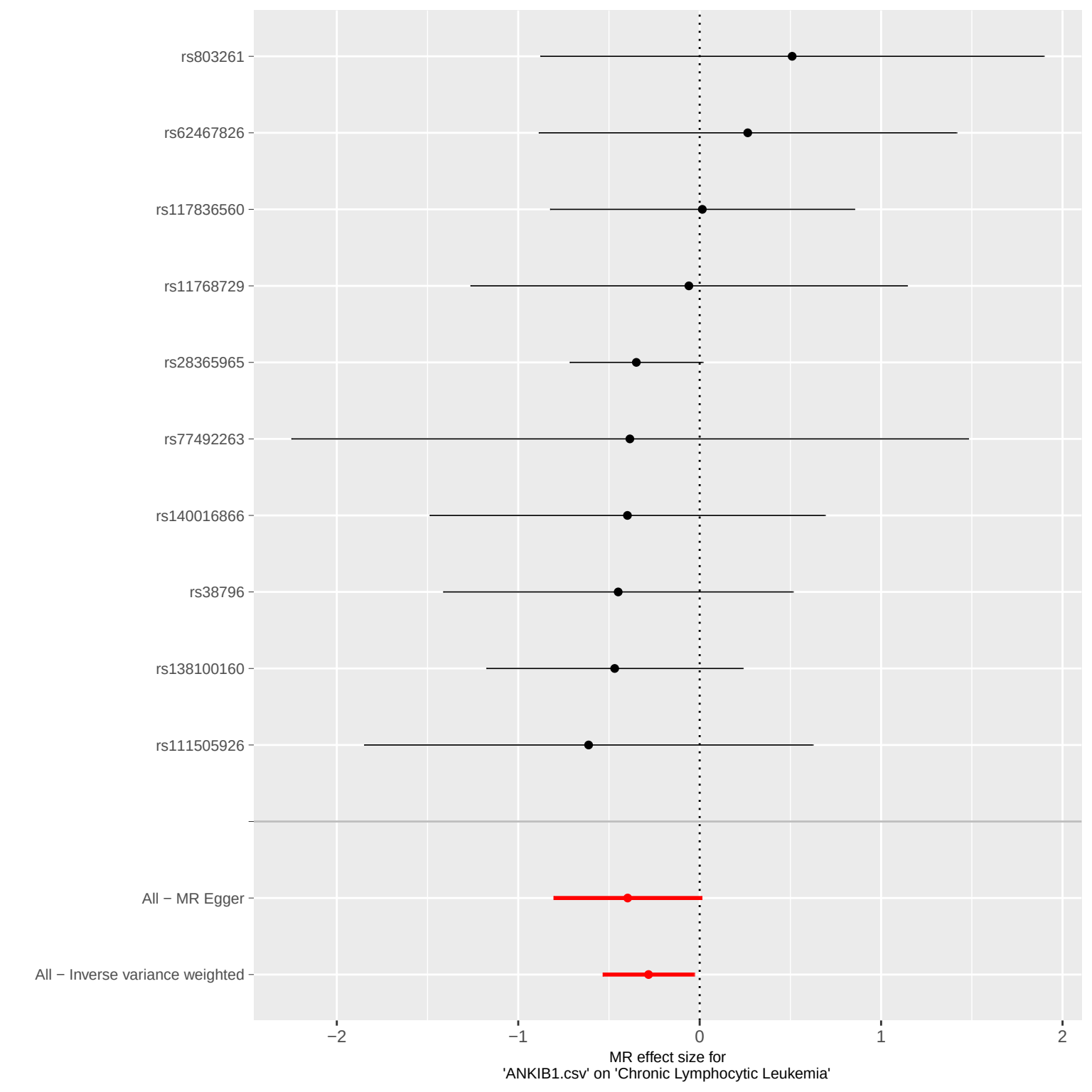
rs31909
rs13188425
rs79754206
rs2934814
rs863121
rs835149
rs258360
rs138717082
rs143589878
rs181331994
rs10066322
rs2250628
rs17267245
rs60367322
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ANKH.csv' on 'Chronic Lymphocytic Leukemia'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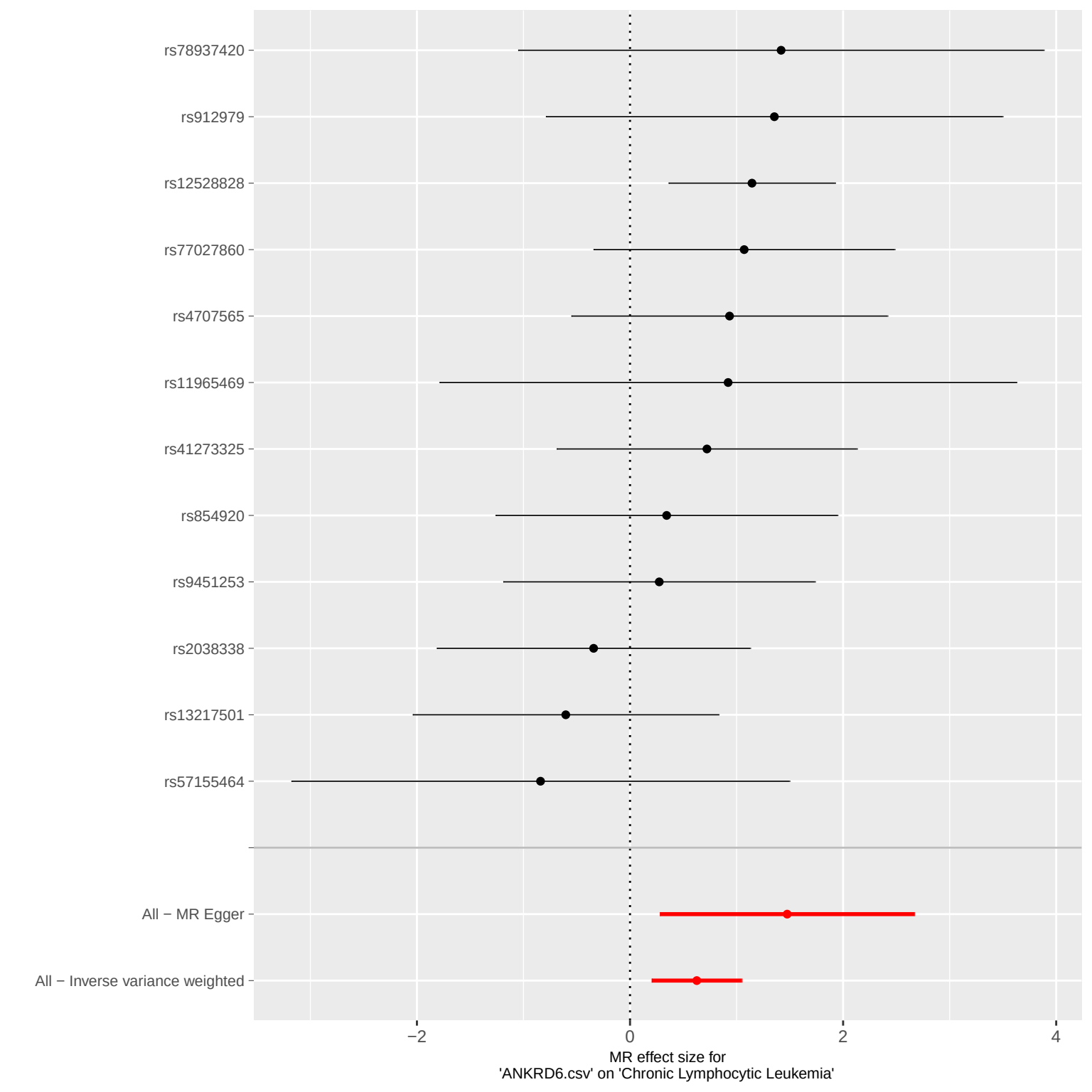
rs62467826
rs117836560
rs11768729
rs28365965
rs77492263
rs140016866
rs38796
rs138100160
rs111505926
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ANKIB1.csv' on 'Chronic Lymphocytic Leukemia'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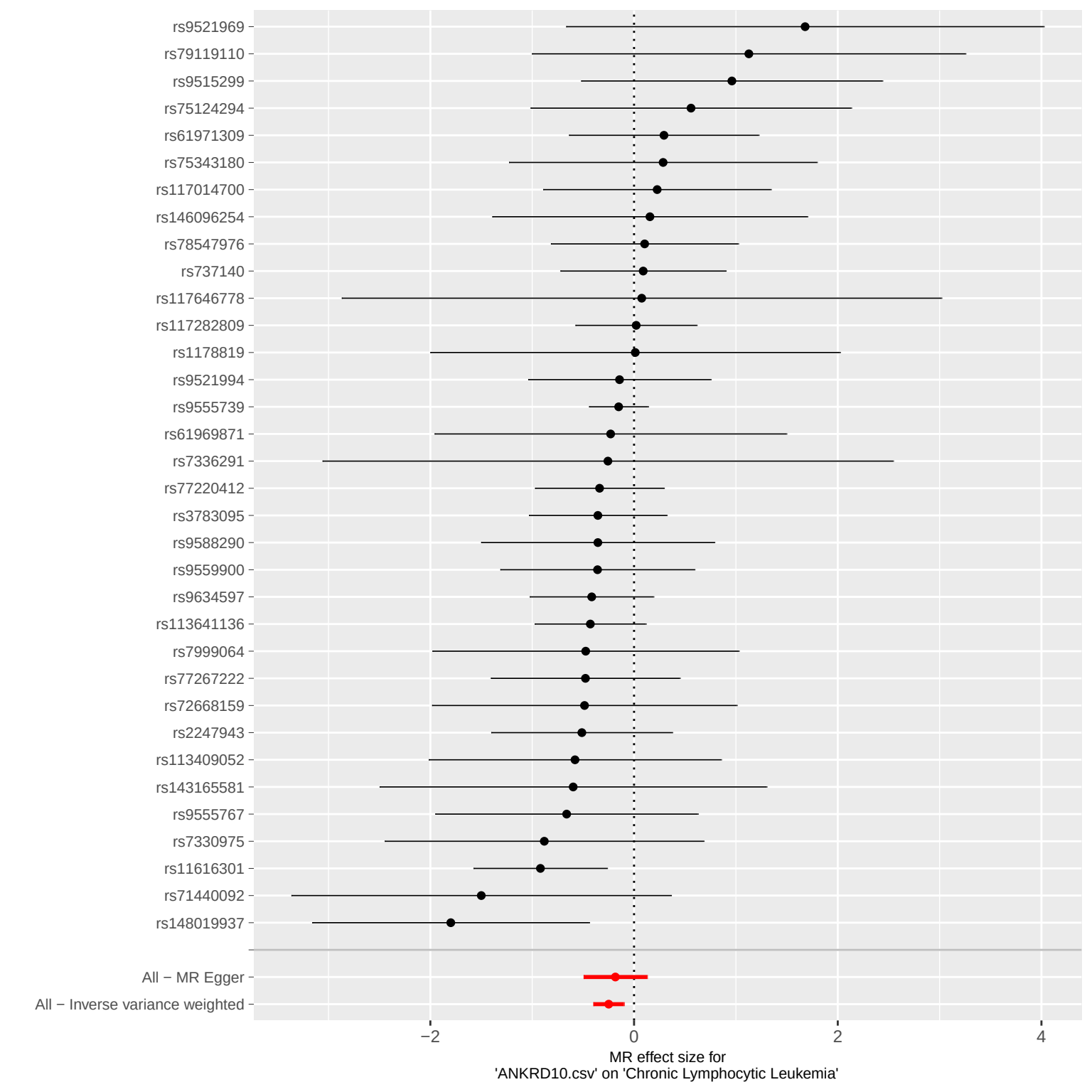
rs41273325
rs854920
rs9451253
rs2038338
rs13217501
rs57155464
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ANKRD6.csv' on 'Chronic Lymphocytic Leukemia'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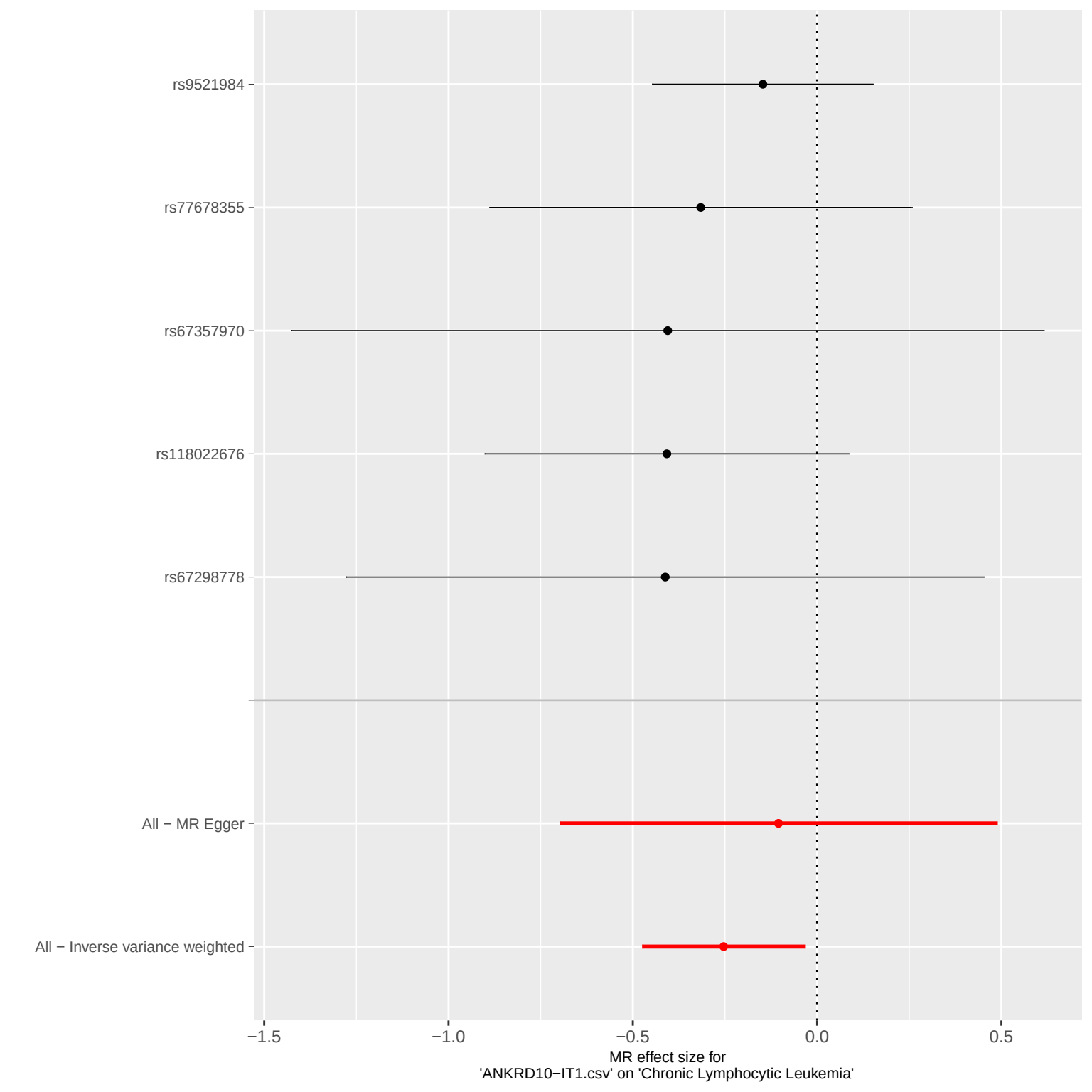
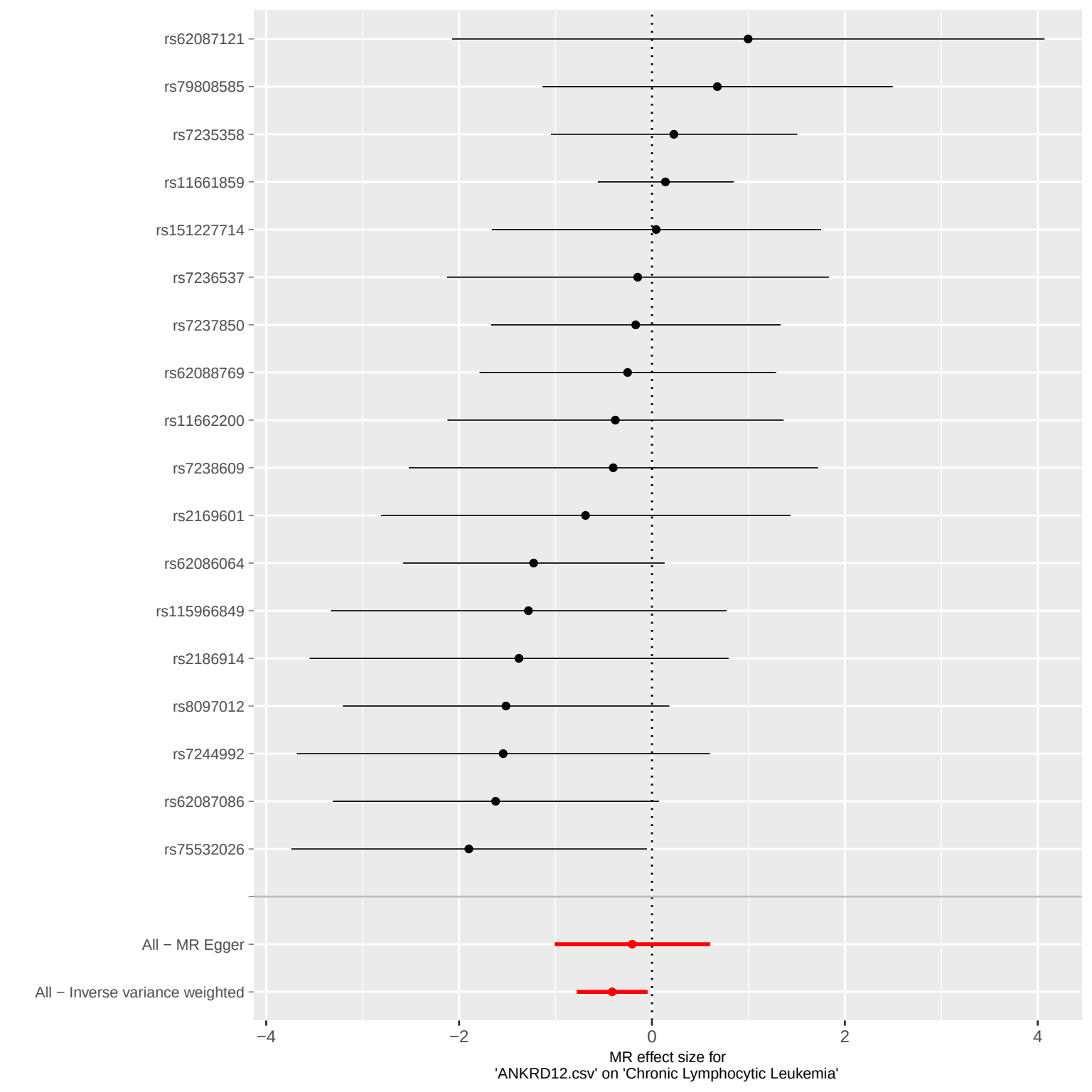
rs117646778
rs117282809
rs1178819
rs9521994
rs9555739
rs61969871
rs7336291
rs77220412
rs3783095
rs9588290
rs9559900
rs9634597
rs113641136
rs7999064
rs77267222
rs72668159
rs2247943
rs113409052
rs143165581
rs9555767
rs7330975
rs11616301
rs71440092
rs148019937
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ANKRD10.csv' on 'Chronic Lymphocytic Leukemia'


rs9521984
rs77678355
rs67357970
rs118022676
rs67298778
All − MR Egger
All − Inverse variance weighted
−1.5
−1.0
−0.5
0.0
0.5
MR effect size for
'ANKRD10−IT1.csv' on 'Chronic Lymphocytic Leukemia'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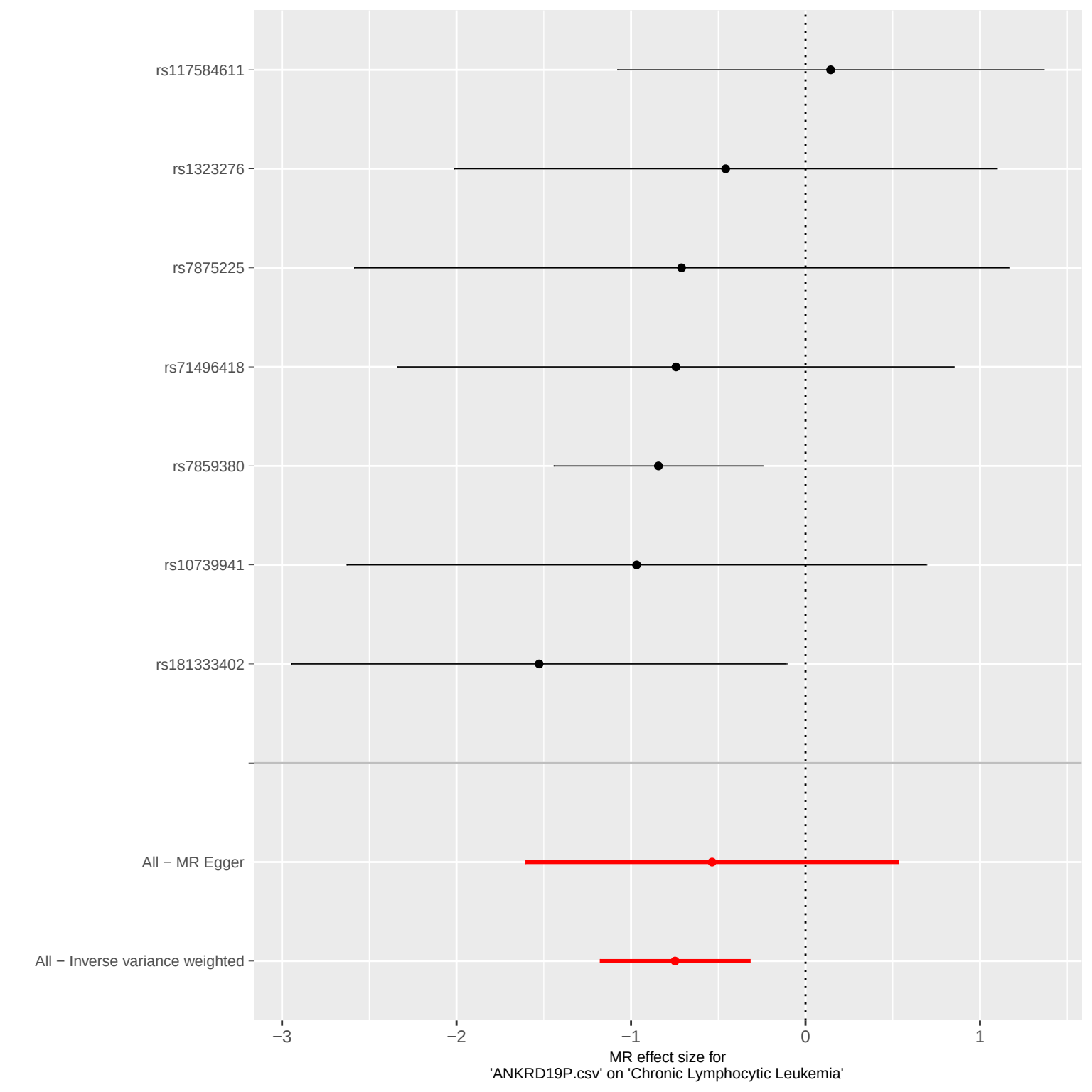
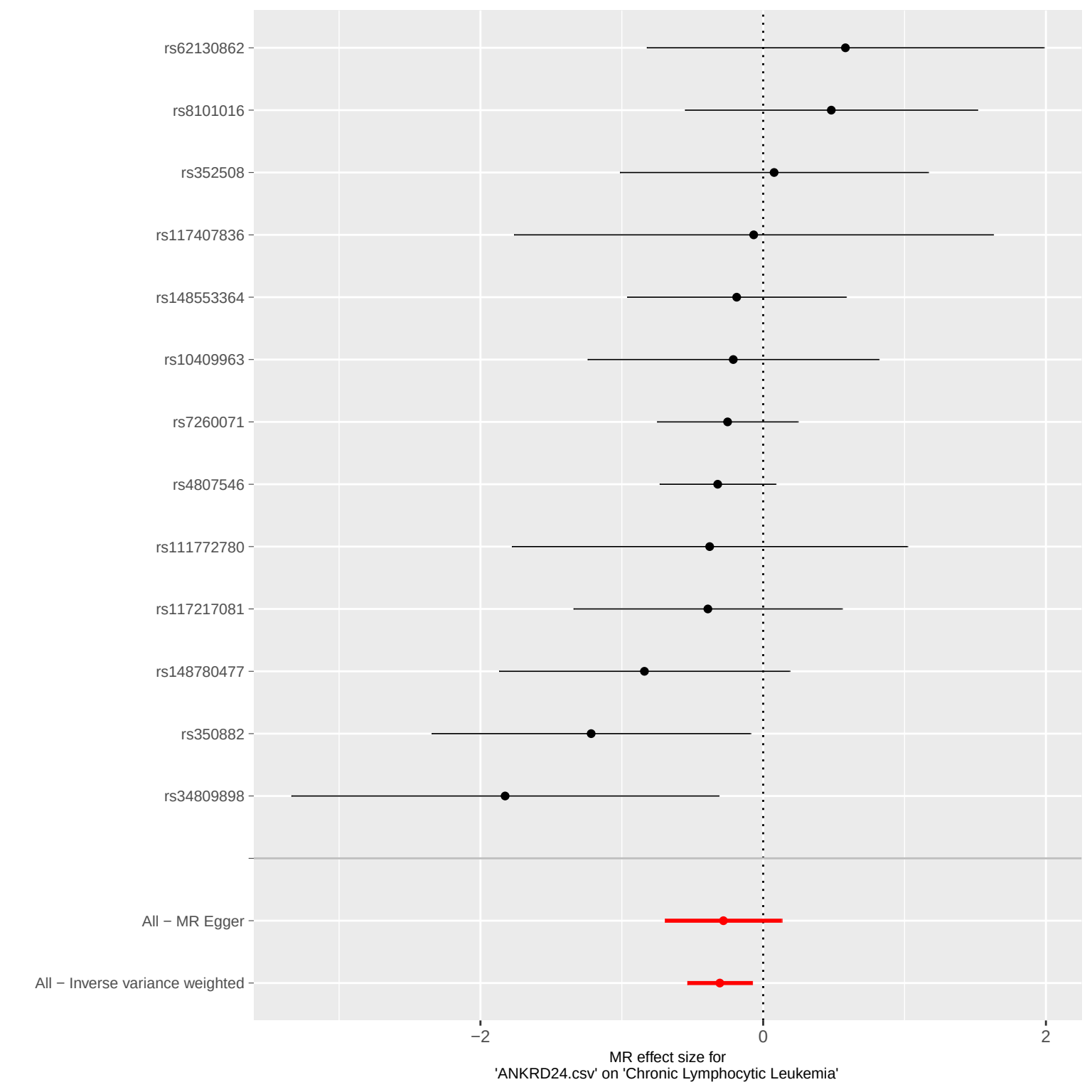
rs2169601
rs62086064
rs115966849
rs2186914
rs8097012
rs7244992
rs62087086
rs75532026
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ANKRD12.csv' on 'Chronic Lymphocytic Leukemia'


rs117584611
rs1323276
rs7875225
rs71496418
rs7859380
rs10739941
rs181333402
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'ANKRD19P.csv' on 'Chronic Lymphocytic Leukemia'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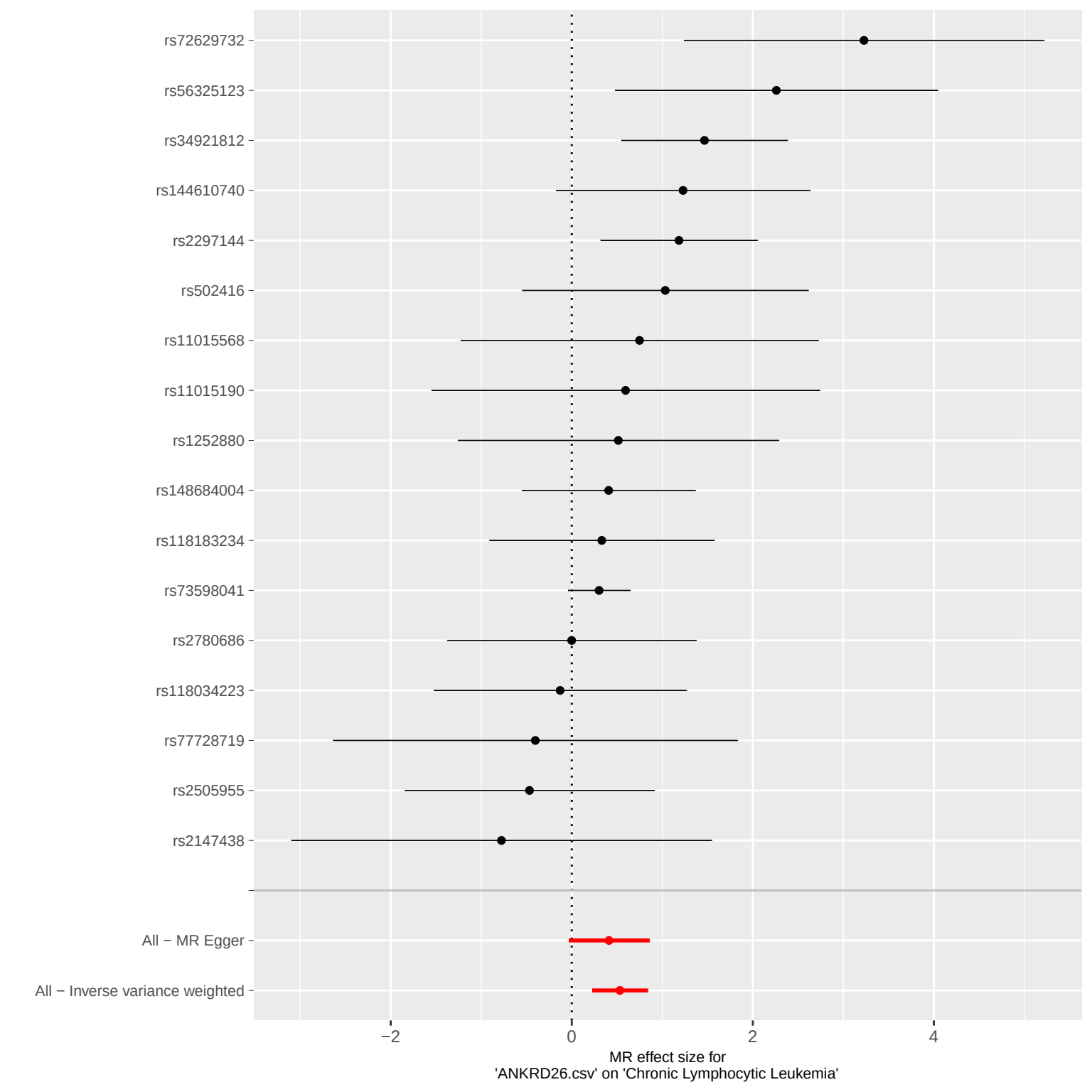
rs8101016
rs352508
rs117407836
rs148553364
rs10409963
rs7260071
rs4807546
rs111772780
rs117217081
rs148780477
rs350882
rs34809898
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ANKRD24.csv' on 'Chronic Lymphocytic Leukemia'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rs11015190
rs1252880
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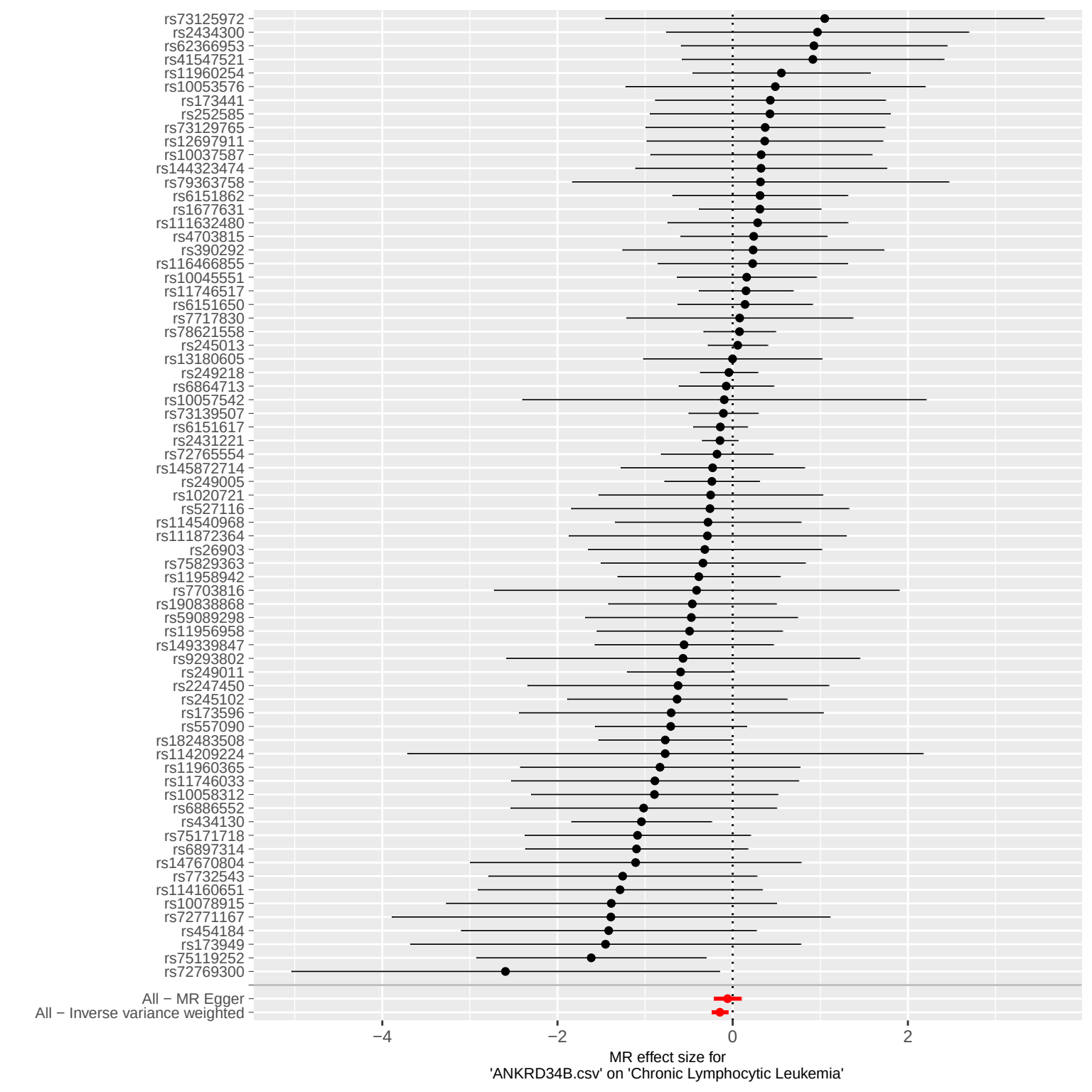
rs118183234
rs73598041
rs2780686
rs118034223
rs77728719
rs2505955
rs2147438
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ANKRD26.csv' on 'Chronic Lymphocytic Leukemia'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rs182483508
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rs11746033
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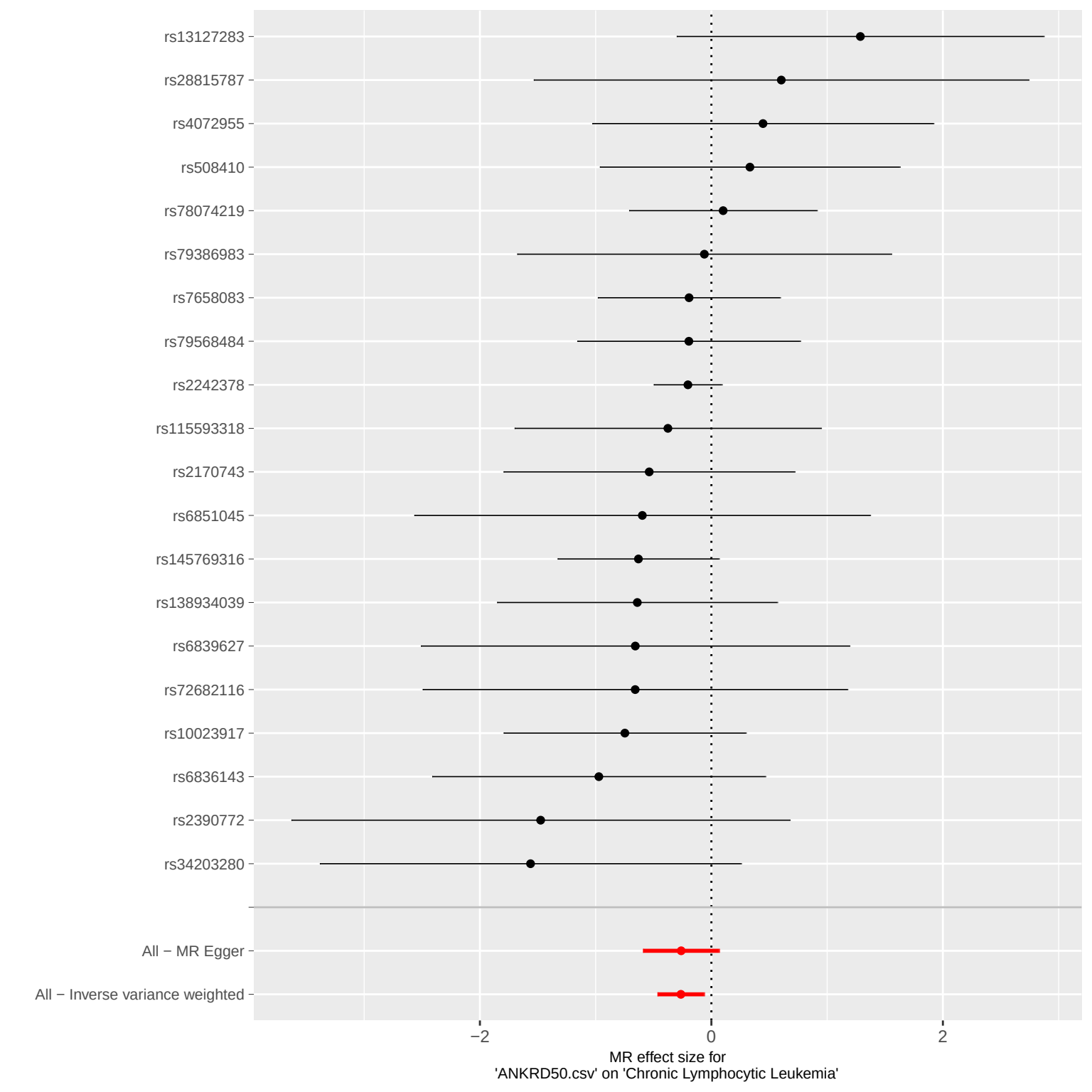
rs434130
rs75171718
rs6897314
rs147670804
rs7732543
rs114160651
rs10078915
rs72771167
rs454184
rs173949
rs75119252
rs72769300
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ANKRD34B.csv' on 'Chronic Lymphocytic Leukemia'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rs79568484
rs2242378
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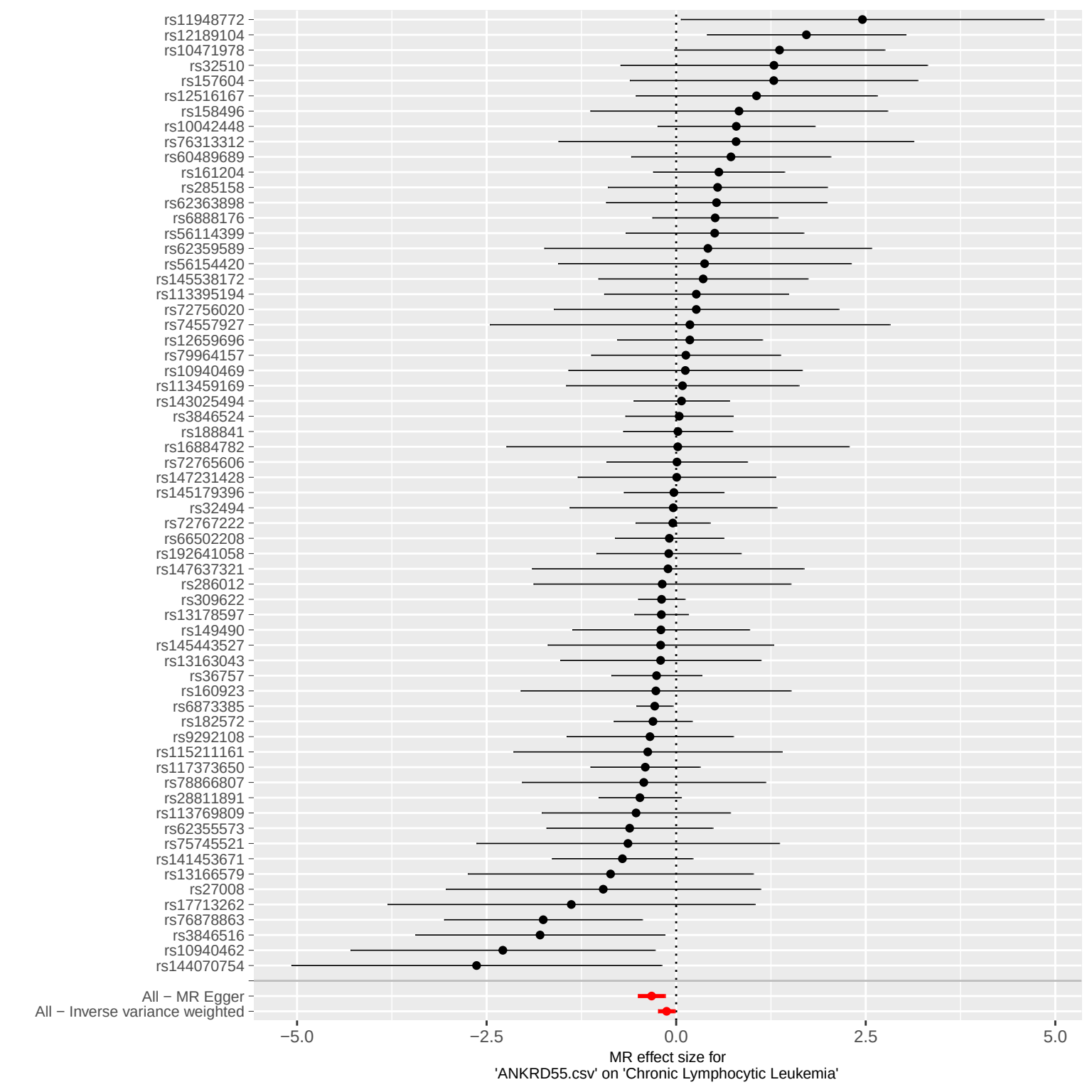
rs2170743
rs6851045
rs145769316
rs138934039
rs6839627
rs72682116
rs10023917
rs6836143
rs2390772
rs34203280
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ANKRD50.csv' on 'Chronic Lymphocytic Leukemia'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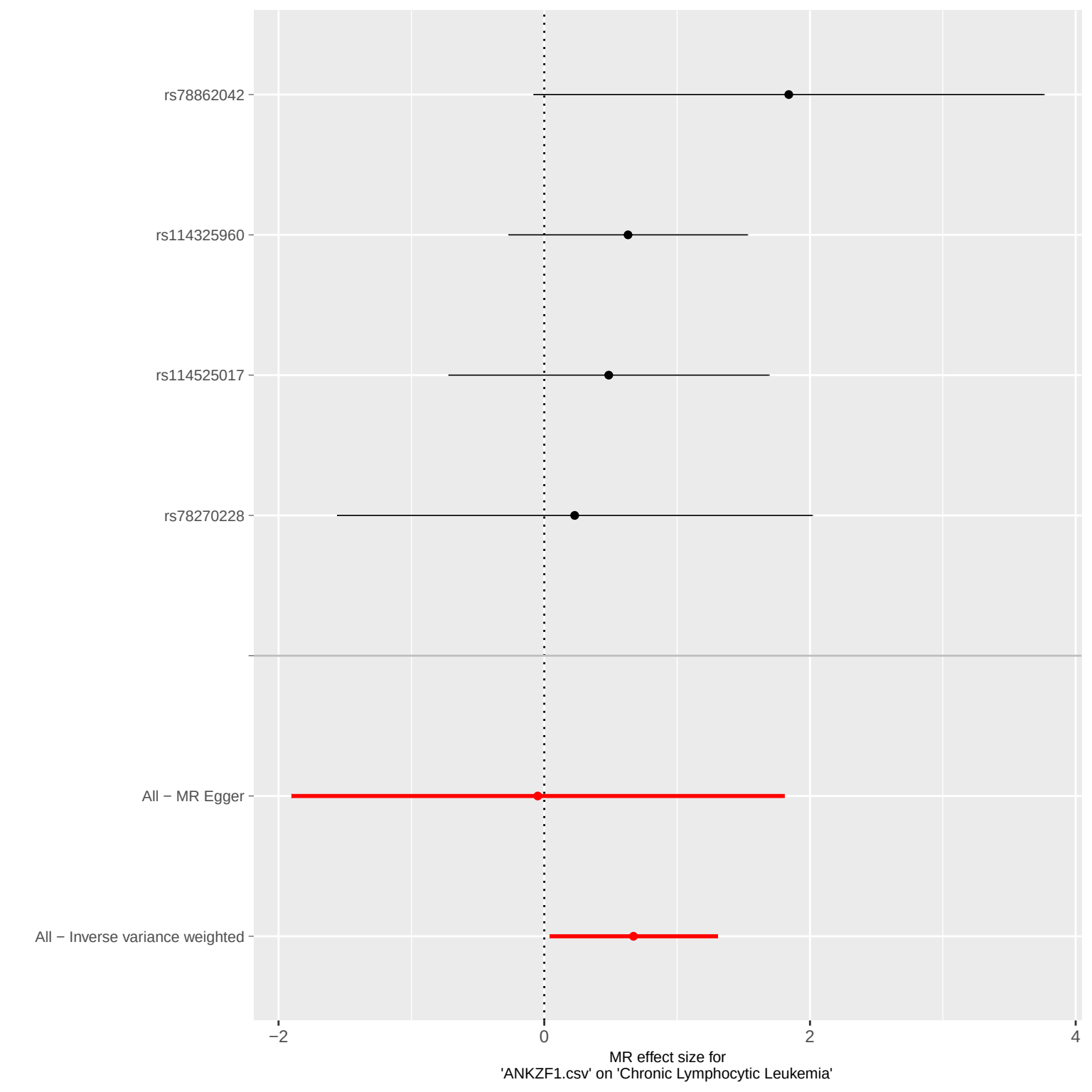
rs75745521
rs141453671
rs13166579
rs27008
rs17713262
rs76878863
rs3846516
rs10940462
rs144070754
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ANKRD55.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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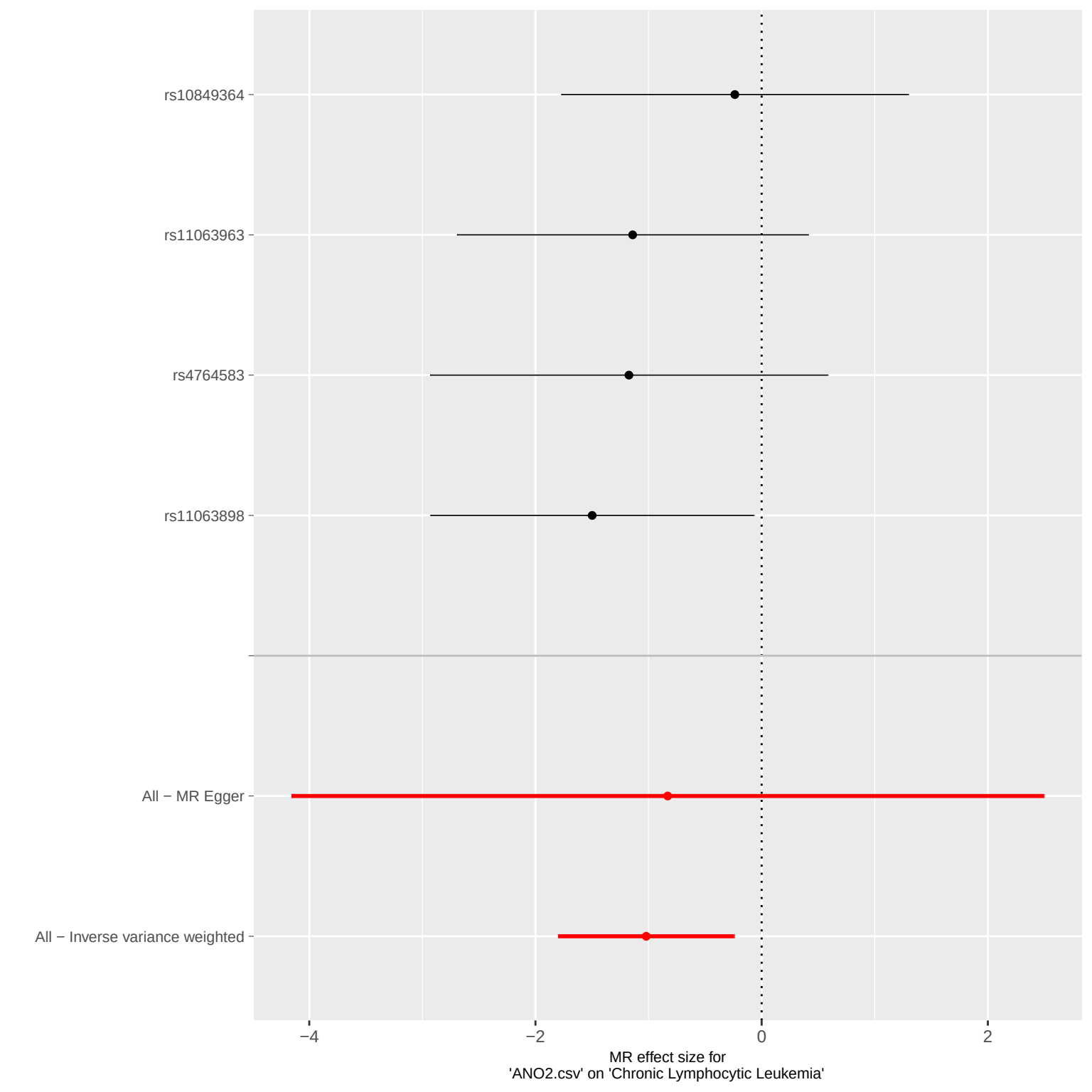
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All − Inverse variance weighted
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−2
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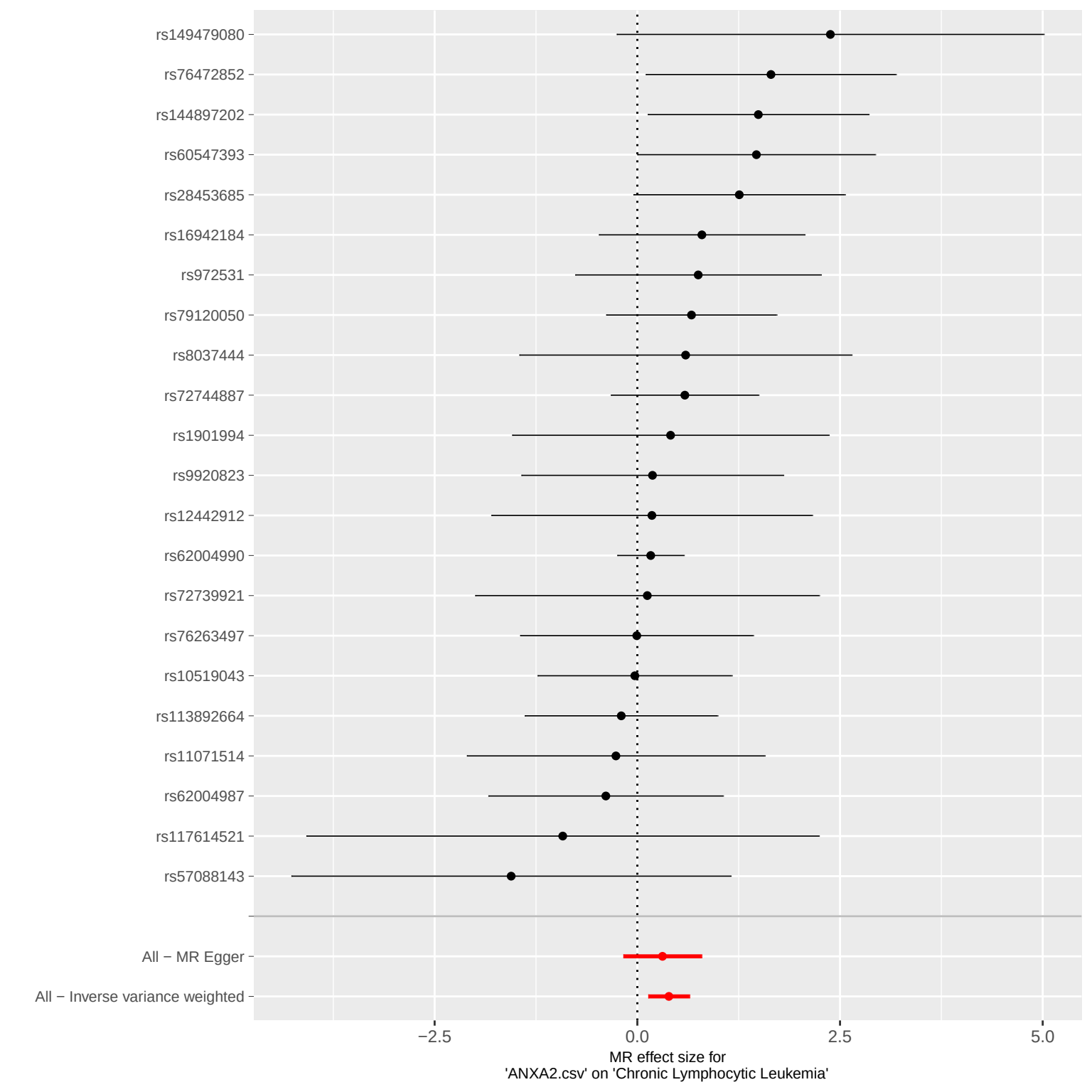
MR effect size for
'ANO2.csv' on 'Chronic Lymphocytic Leukemia'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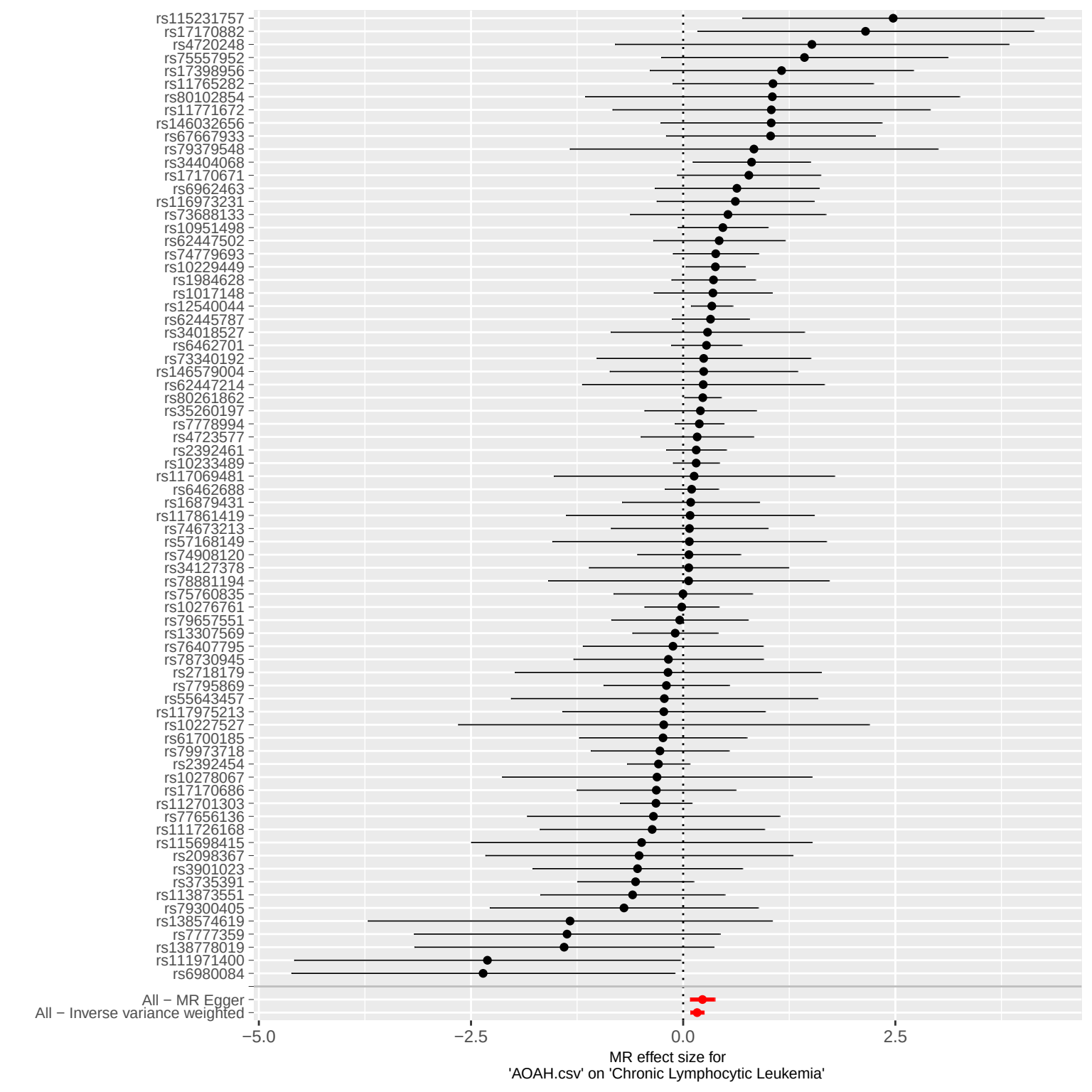
rs9920823
rs12442912
rs62004990
rs72739921
rs76263497
rs10519043
rs113892664
rs11071514
rs62004987
rs117614521
rs57088143
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ANXA2.csv' on 'Chronic Lymphocytic Leukemia'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rs2098367
rs3901023
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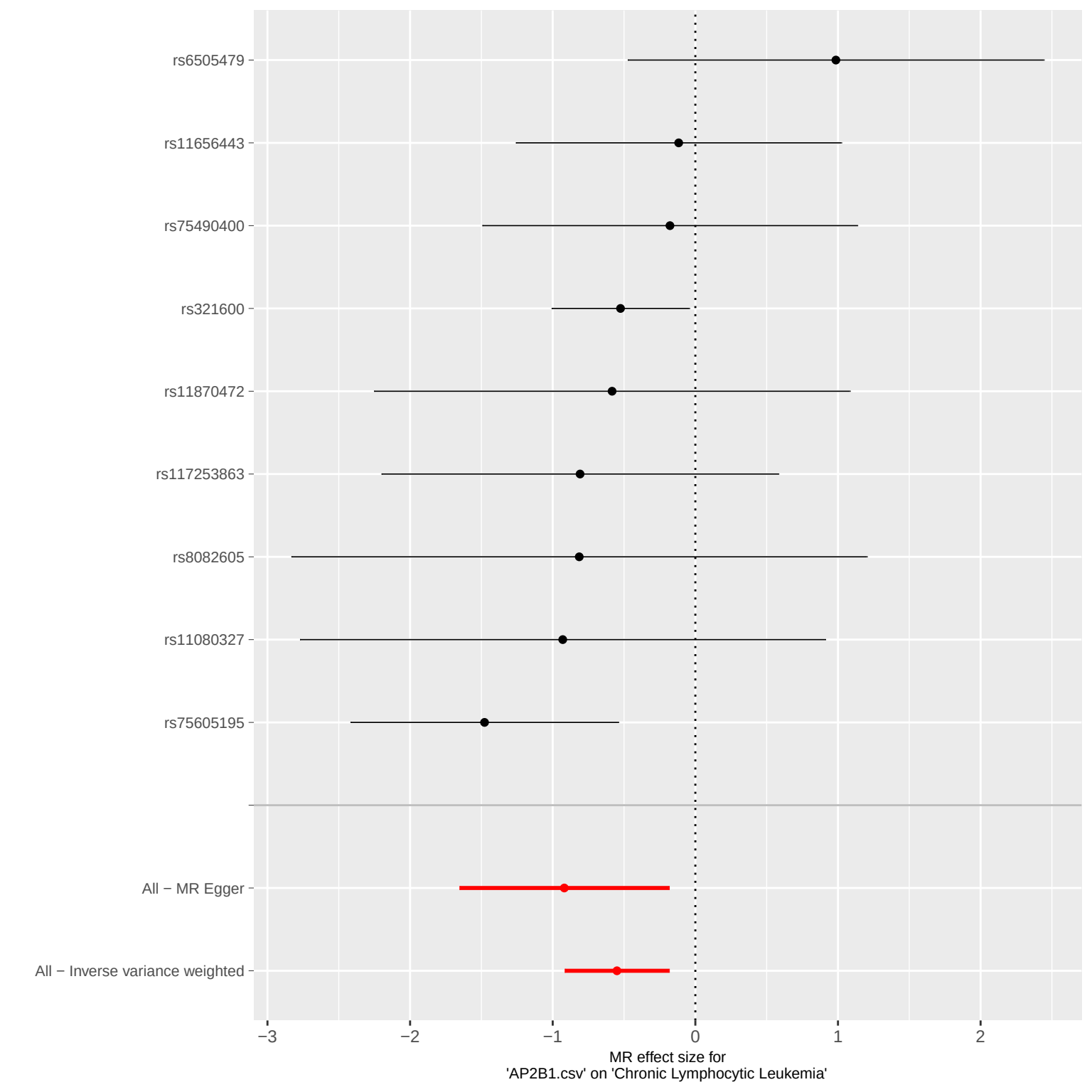
rs113873551
rs79300405
rs138574619
rs7777359
rs138778019
rs111971400
rs6980084
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'AOAH.csv' on 'Chronic Lymphocytic Leukemia'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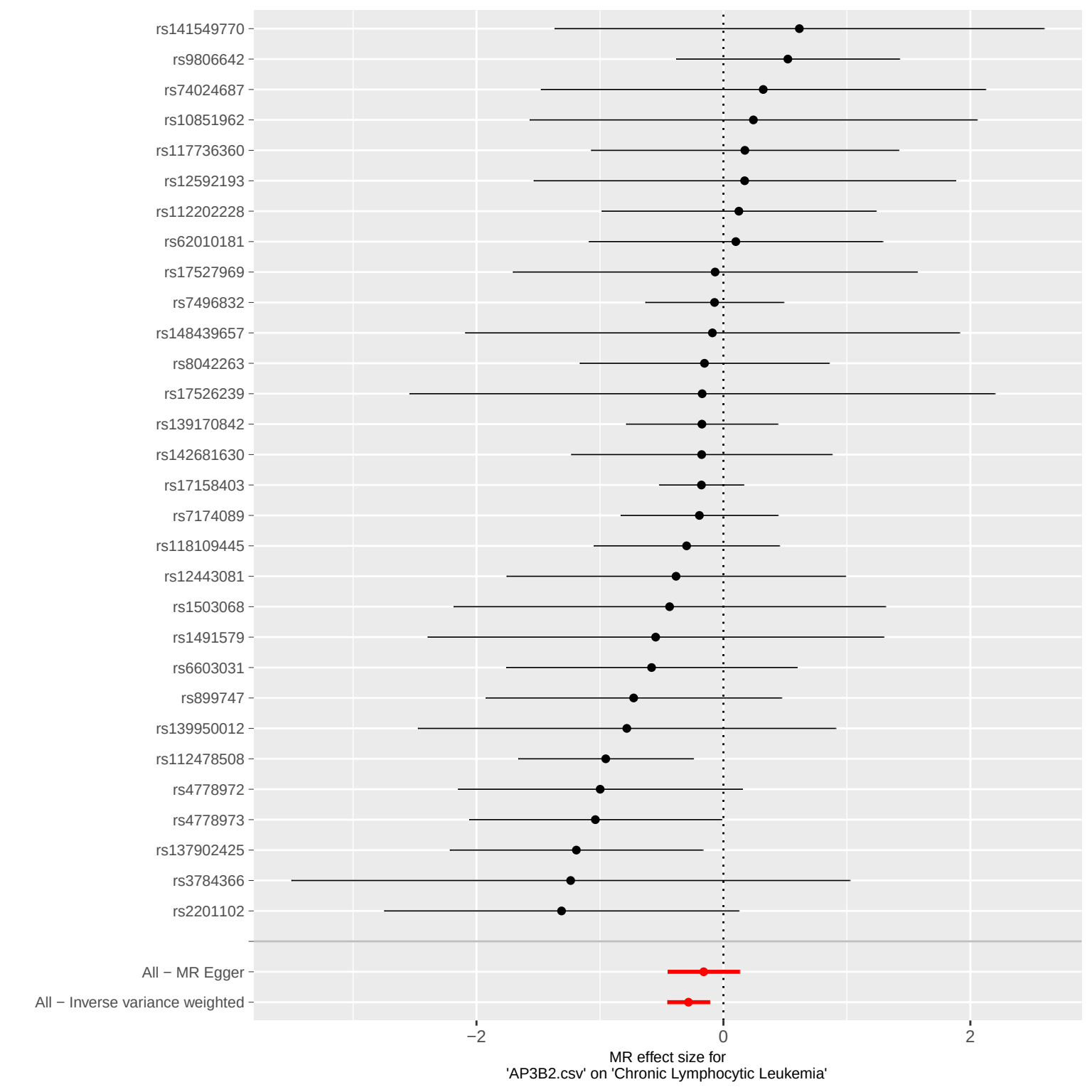
rs11870472
rs117253863
rs8082605
rs11080327
rs75605195
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'AP2B1.csv' on 'Chronic Lymphocytic Leukemia'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rs899747
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rs112478508
rs4778972
rs4778973
rs137902425
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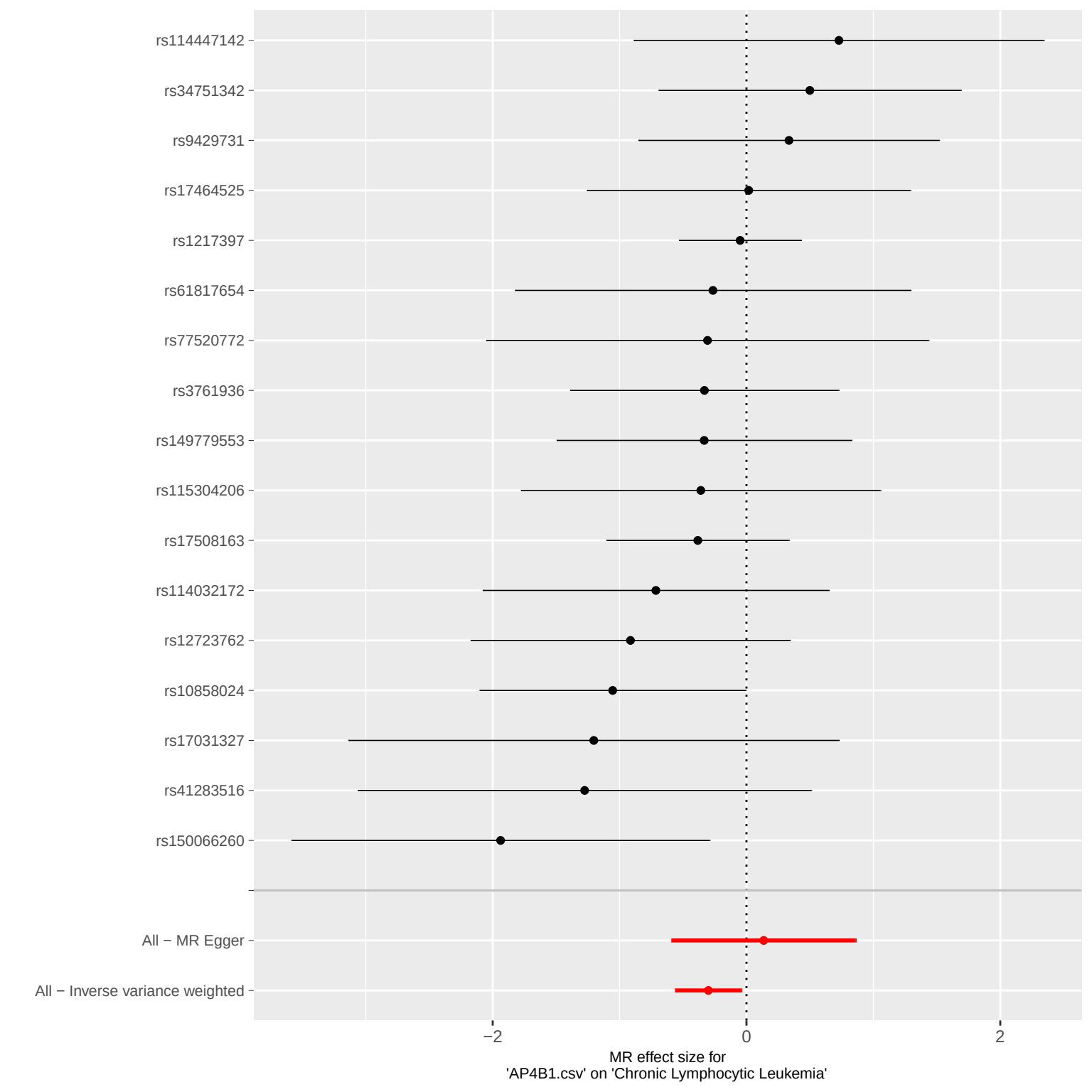
rs2201102
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'AP3B2.csv' on 'Chronic Lymphocytic Leukemia'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rs3761936
rs149779553
rs115304206
rs17508163
rs114032172
rs12723762
rs10858024
rs17031327
rs41283516
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All − MR Egger
All − Inverse variance weighted
−2
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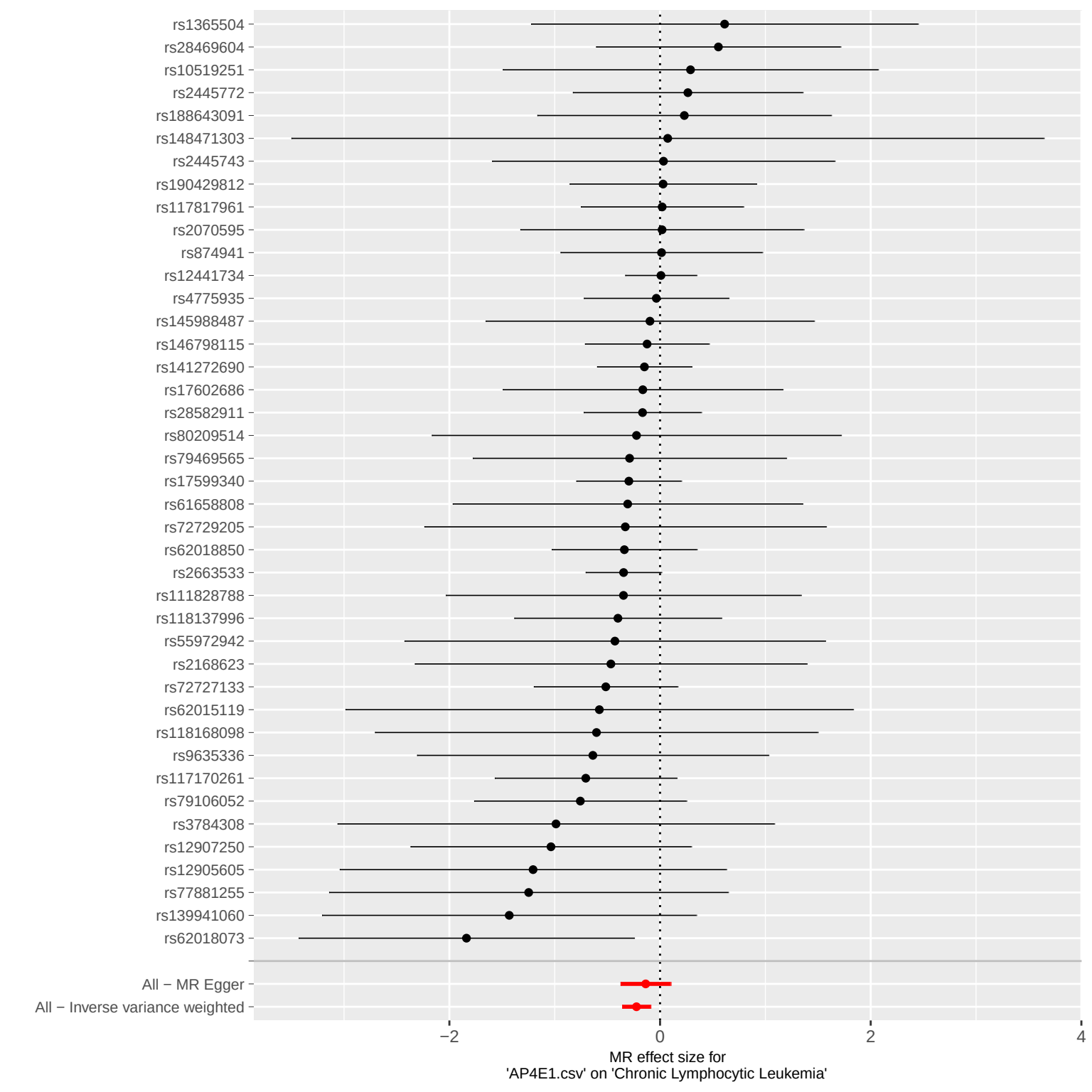
2
MR effect size for
'AP4B1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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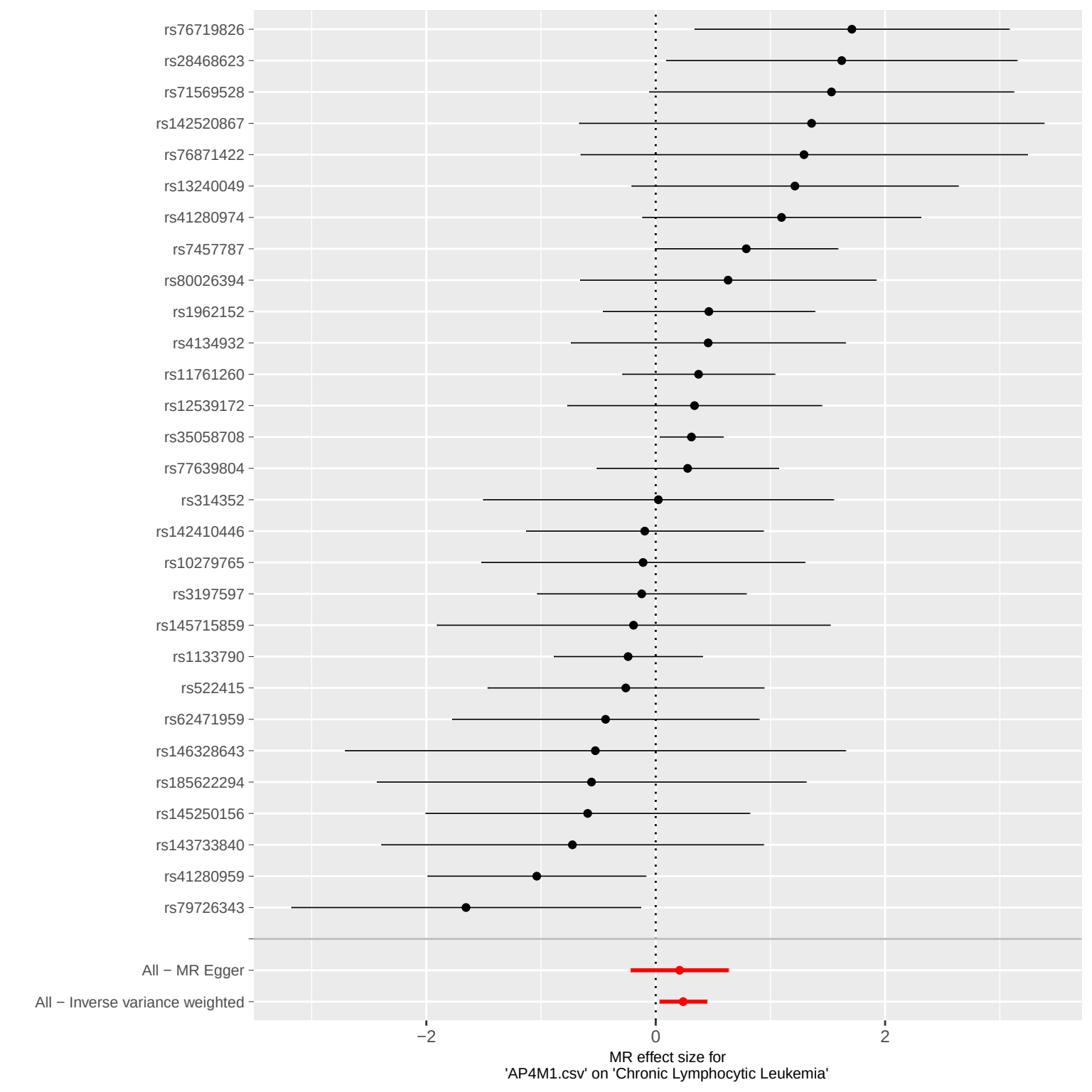
4
MR effect size for
'AP4E1.csv' on 'Chronic Lymphocytic Leukemia'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rs145715859
rs1133790
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rs145250156
rs143733840
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All − MR Egger
All − Inverse variance weighted
−2
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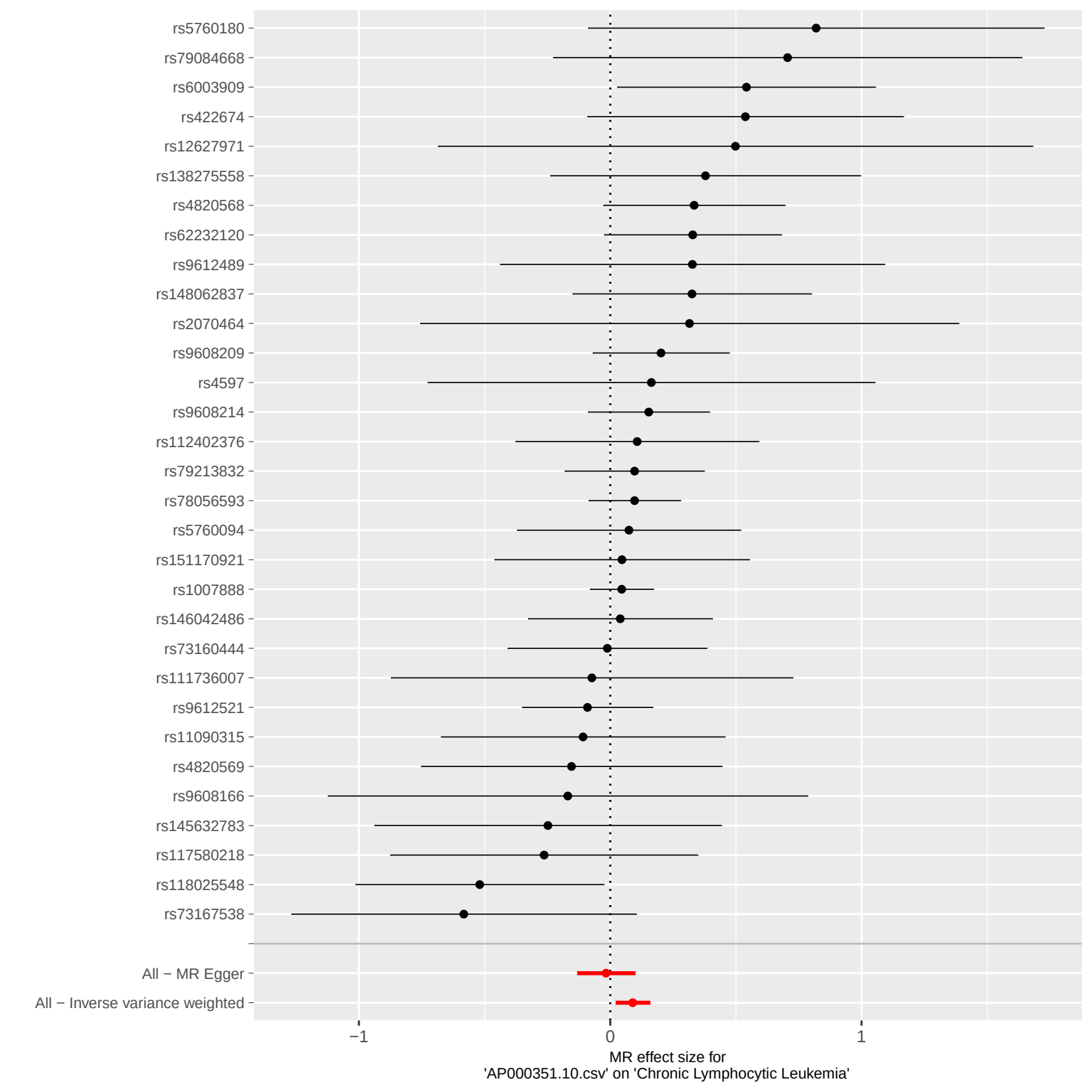
2
MR effect size for
'AP4M1.csv' on 'Chronic Lymphocytic Leukemia'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rs145632783
rs117580218
rs118025548
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All − MR Egger
All − Inverse variance weighted
−1
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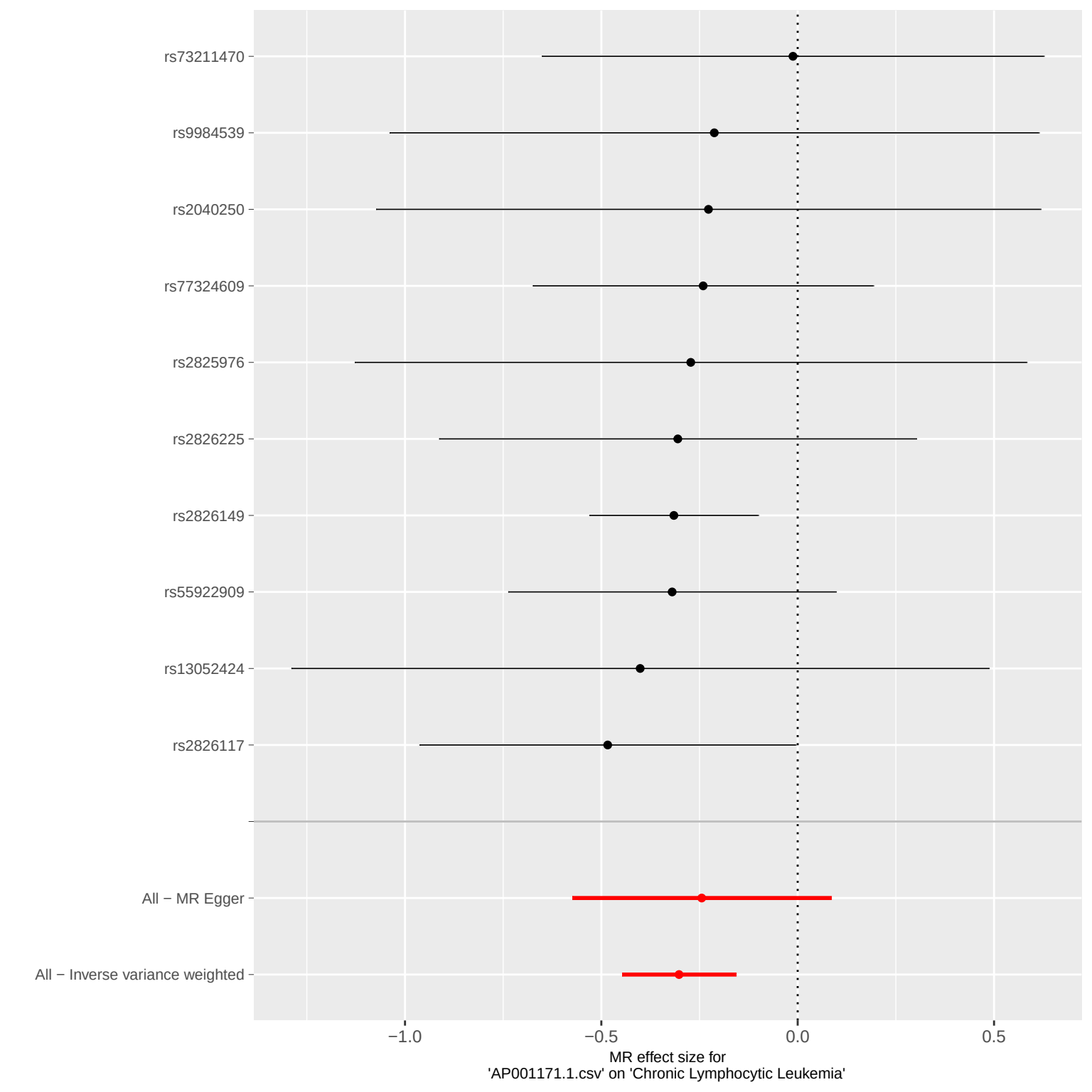
MR effect size for
'AP000351.10.csv' on 'Chronic Lymphocytic Leukemia'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rs13052424
rs2826117
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
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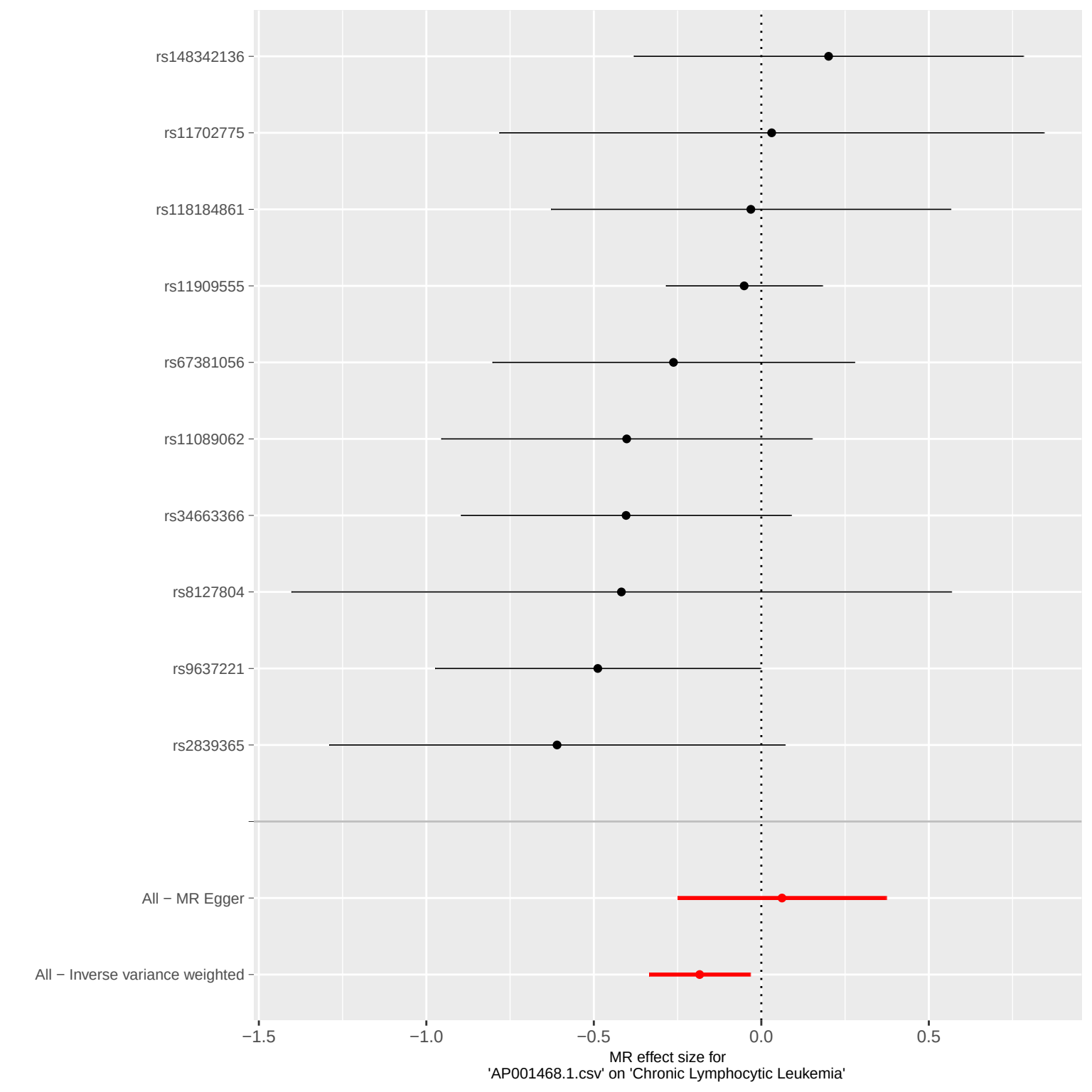
MR effect size for
'AP001171.1.csv' on 'Chronic Lymphocytic Leukemia'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rs2839365
All − MR Egger
All − Inverse variance weighted
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−1.0
−0.5
0.0
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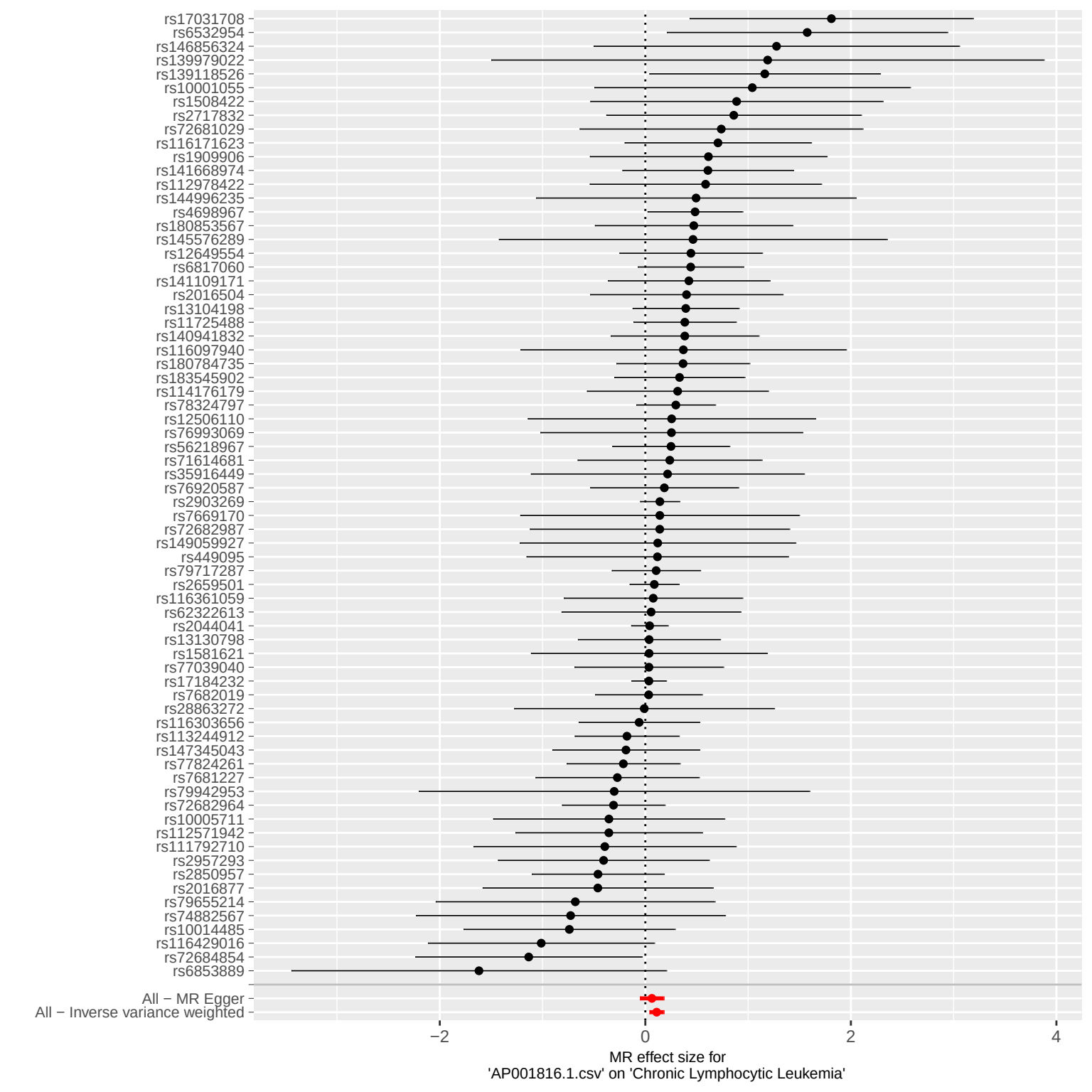
MR effect size for
'AP001468.1.csv' on 'Chronic Lymphocytic Leukemia'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rs2957293
rs2850957
rs2016877
rs79655214
rs74882567
rs10014485
rs116429016
rs72684854
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All − MR Egger
All − Inverse variance weighted
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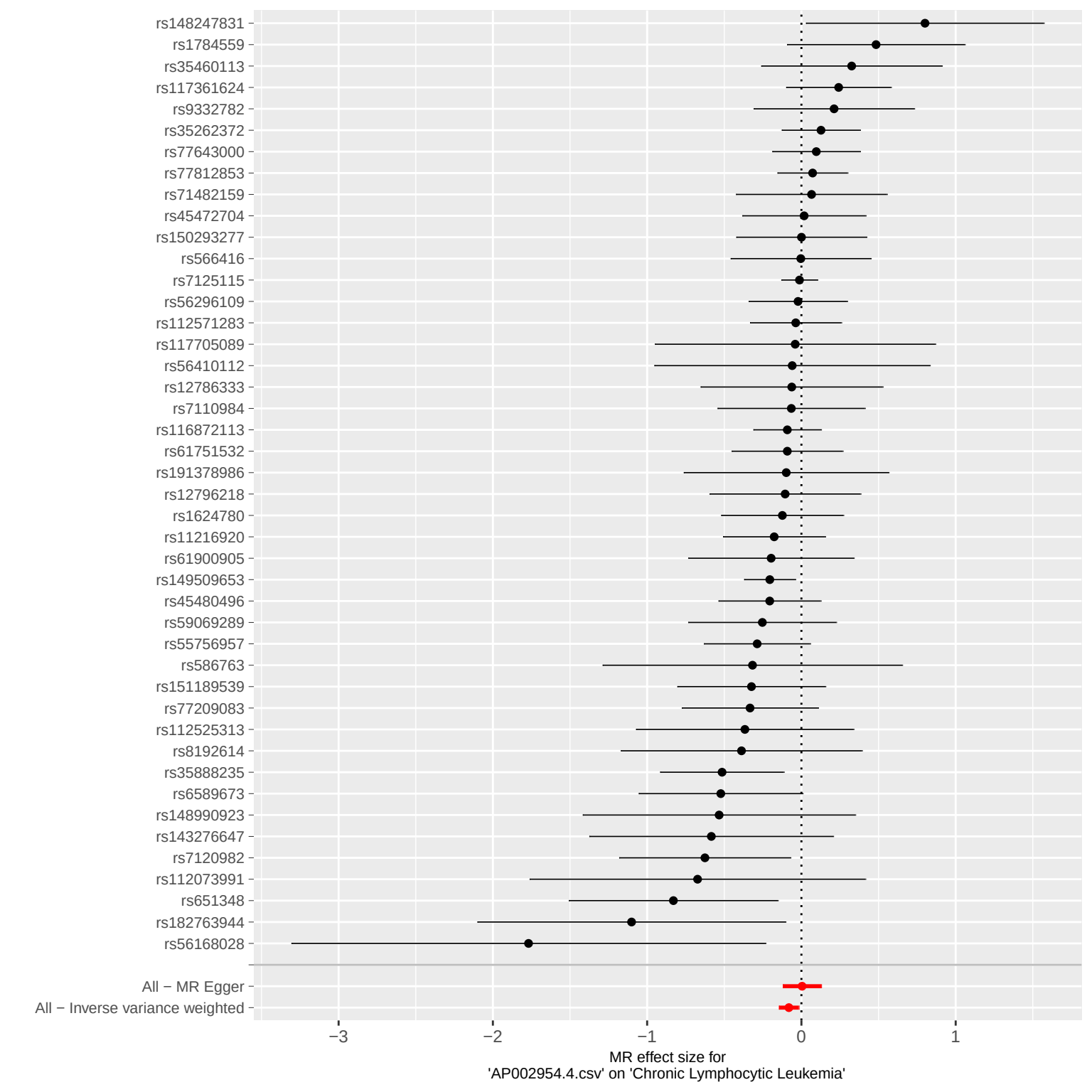
4
MR effect size for
'AP001816.1.csv' on 'Chronic Lymphocytic Leukemia'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rs56168028
All − MR Egger
All − Inverse variance weighted
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−1
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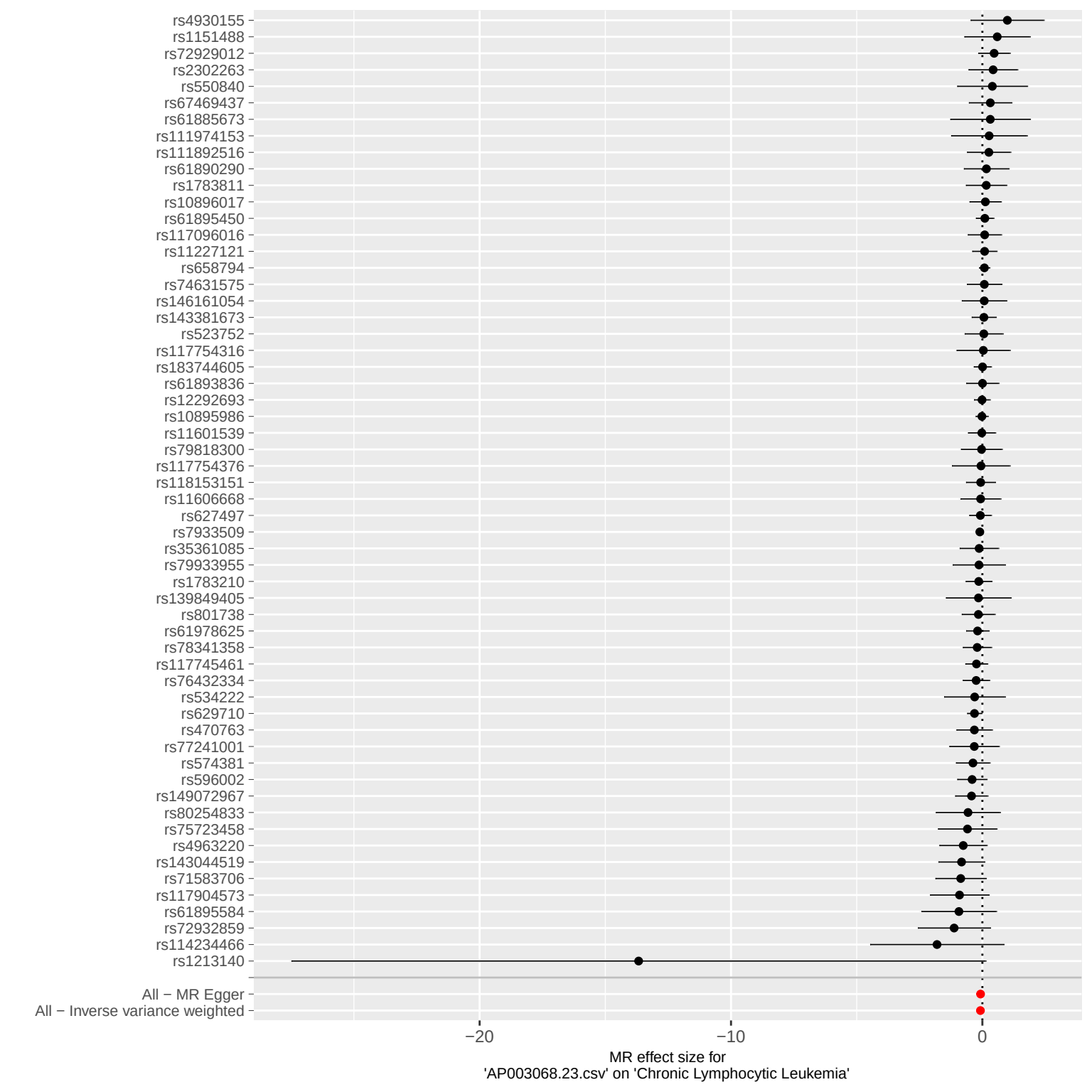
MR effect size for
'AP002954.4.csv' on 'Chronic Lymphocytic Leukemia'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rs72932859
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All − MR Egger
All − Inverse variance weighted
−20
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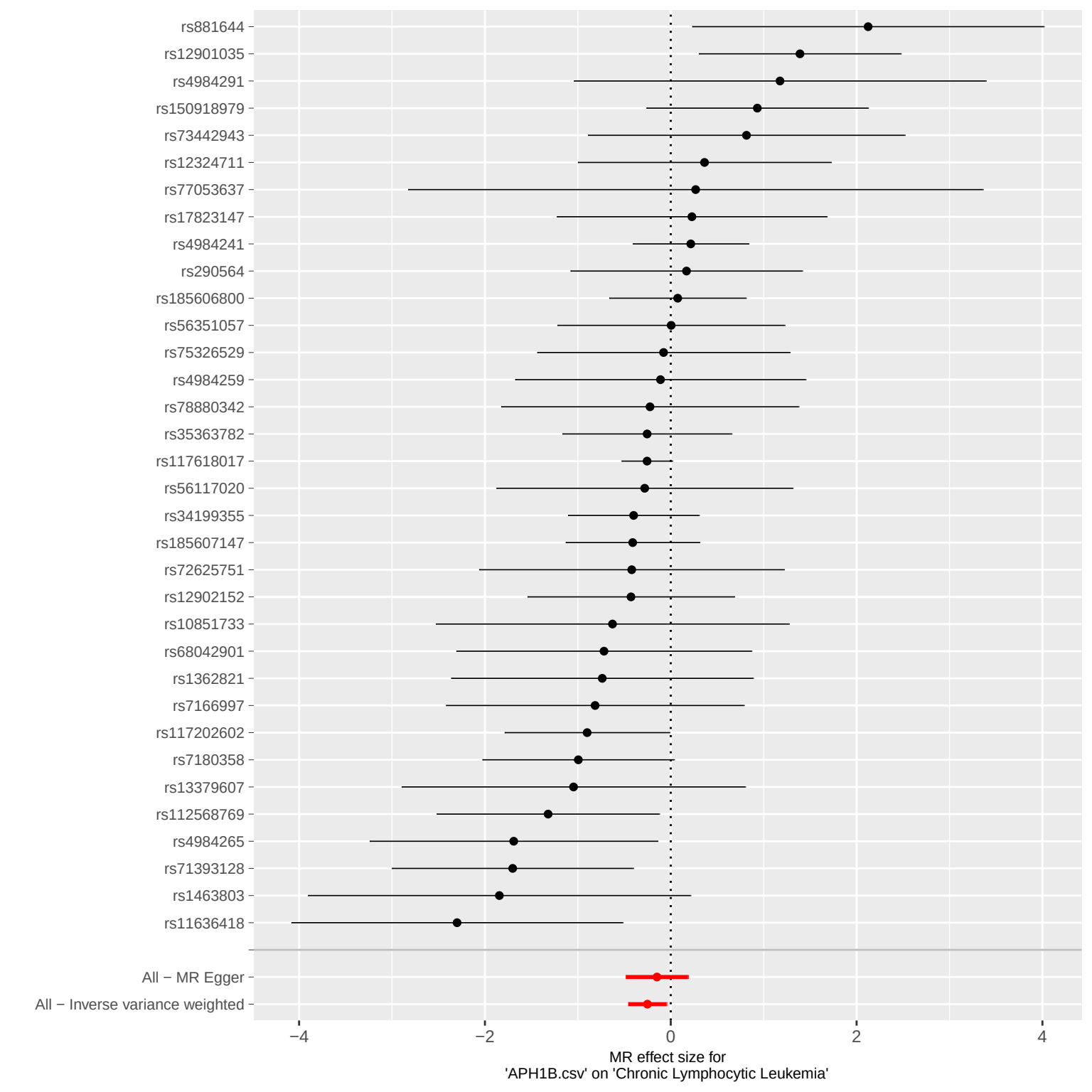
MR effect size for
'AP003068.23.csv' on 'Chronic Lymphocytic Leukemia'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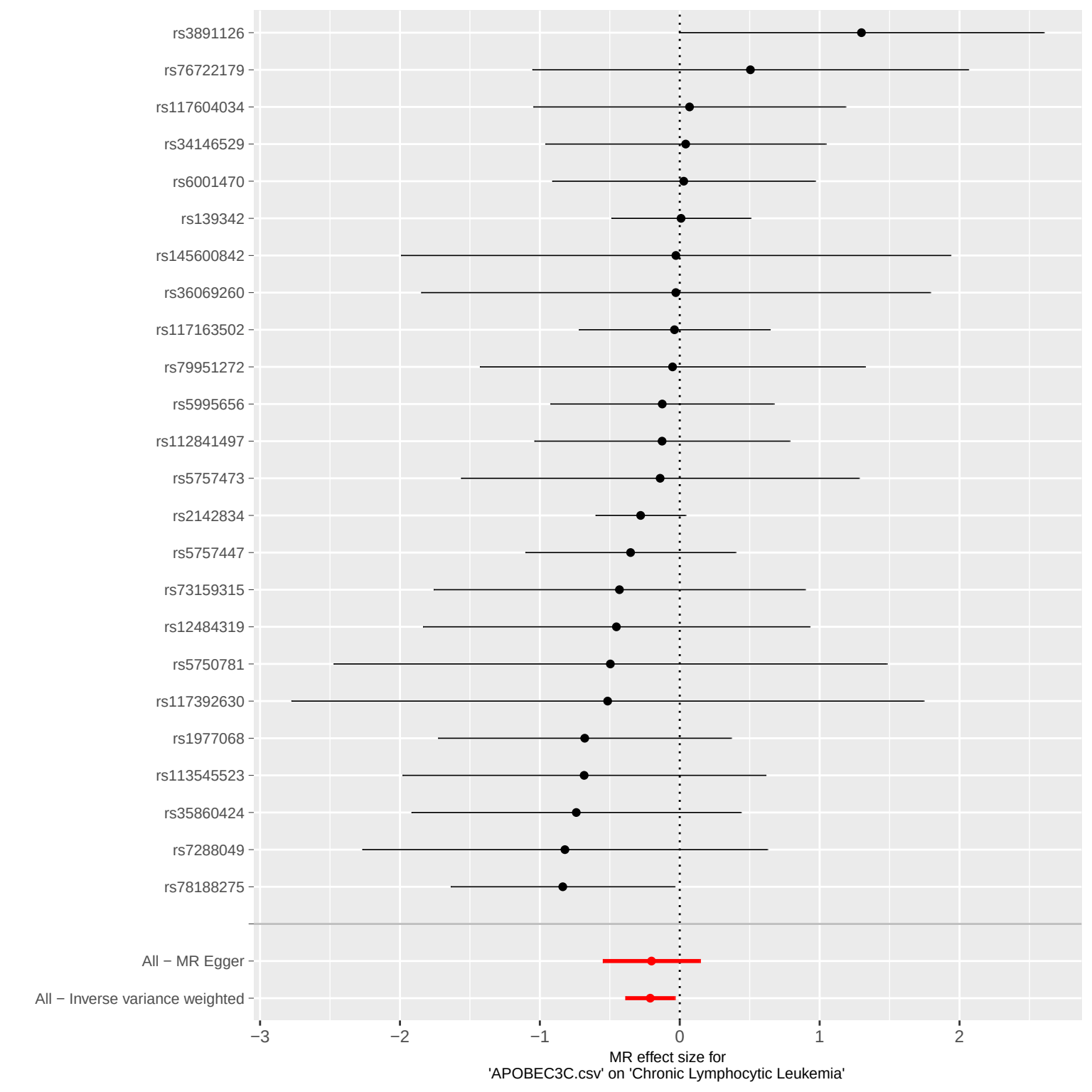
rs1362821
rs7166997
rs117202602
rs7180358
rs13379607
rs112568769
rs4984265
rs71393128
rs1463803
rs11636418
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'APH1B.csv' on 'Chronic Lymphocytic Leukemia'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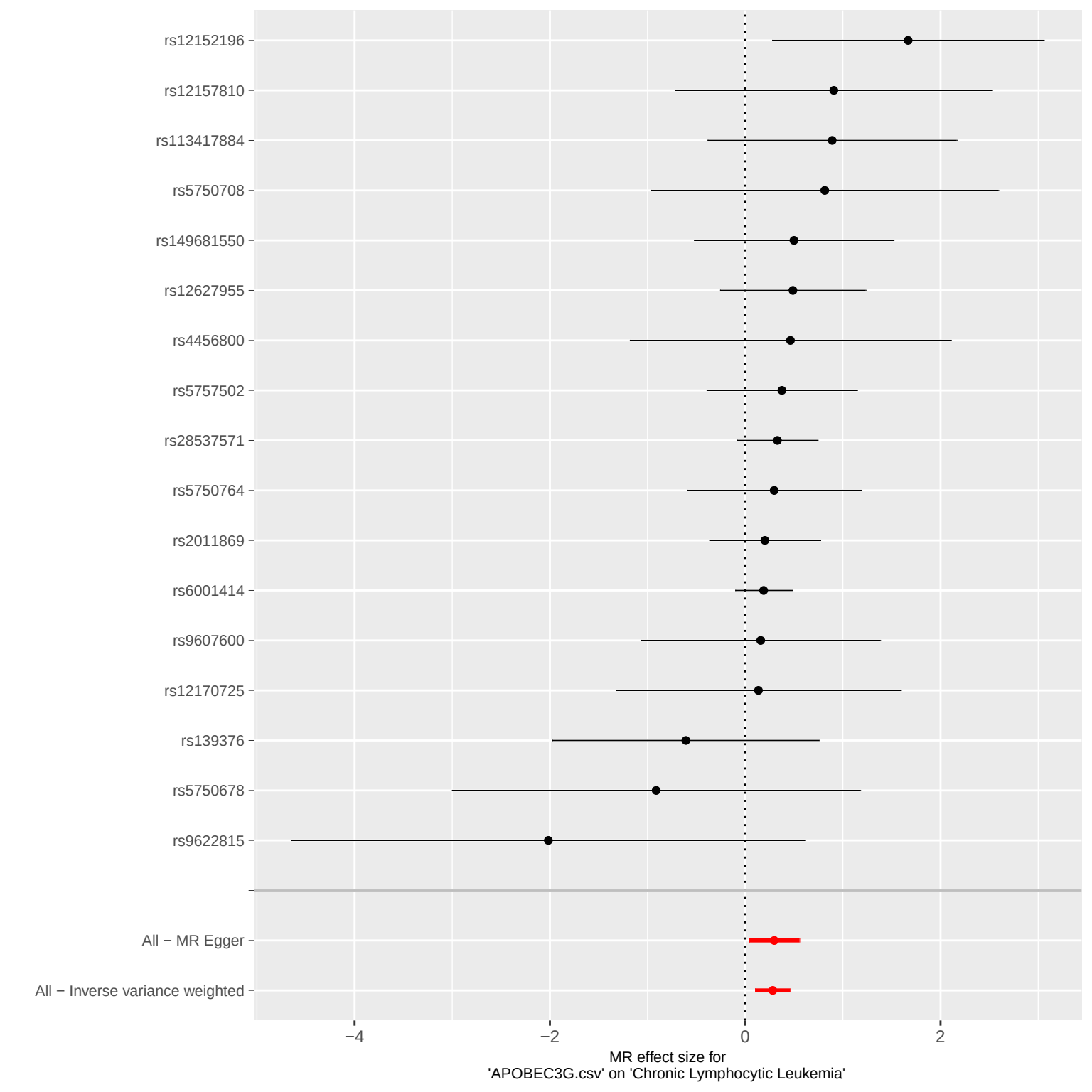
rs73159315
rs12484319
rs5750781
rs117392630
rs1977068
rs113545523
rs35860424
rs7288049
rs78188275
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'APOBEC3C.csv' on 'Chronic Lymphocytic Leukemia'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rs6001414
rs9607600
rs12170725
rs139376
rs5750678
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All − MR Egger
All − Inverse variance weighted
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−2
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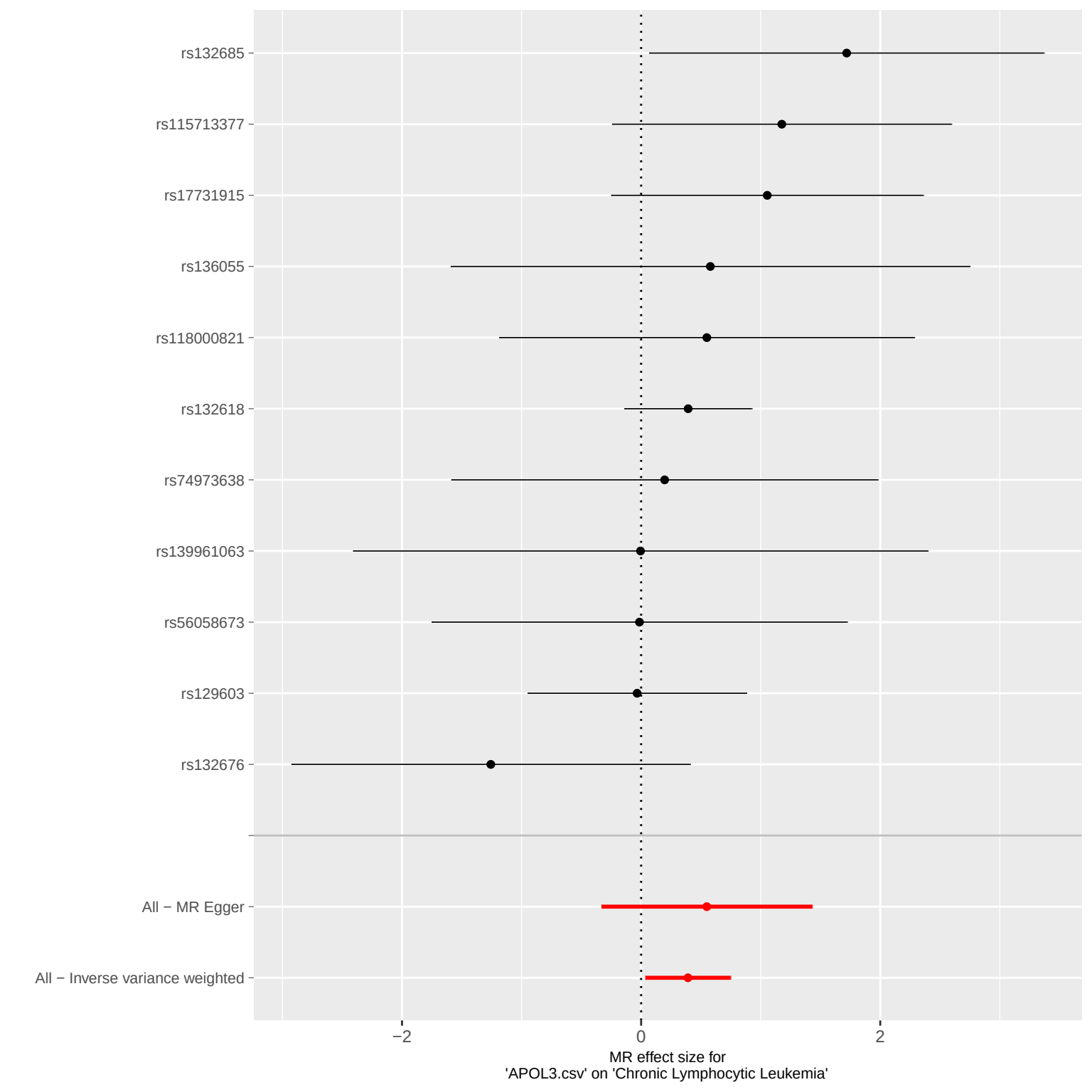
2
MR effect size for
'APOBEC3G.csv' on 'Chronic Lymphocytic Leukemia'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rs56058673
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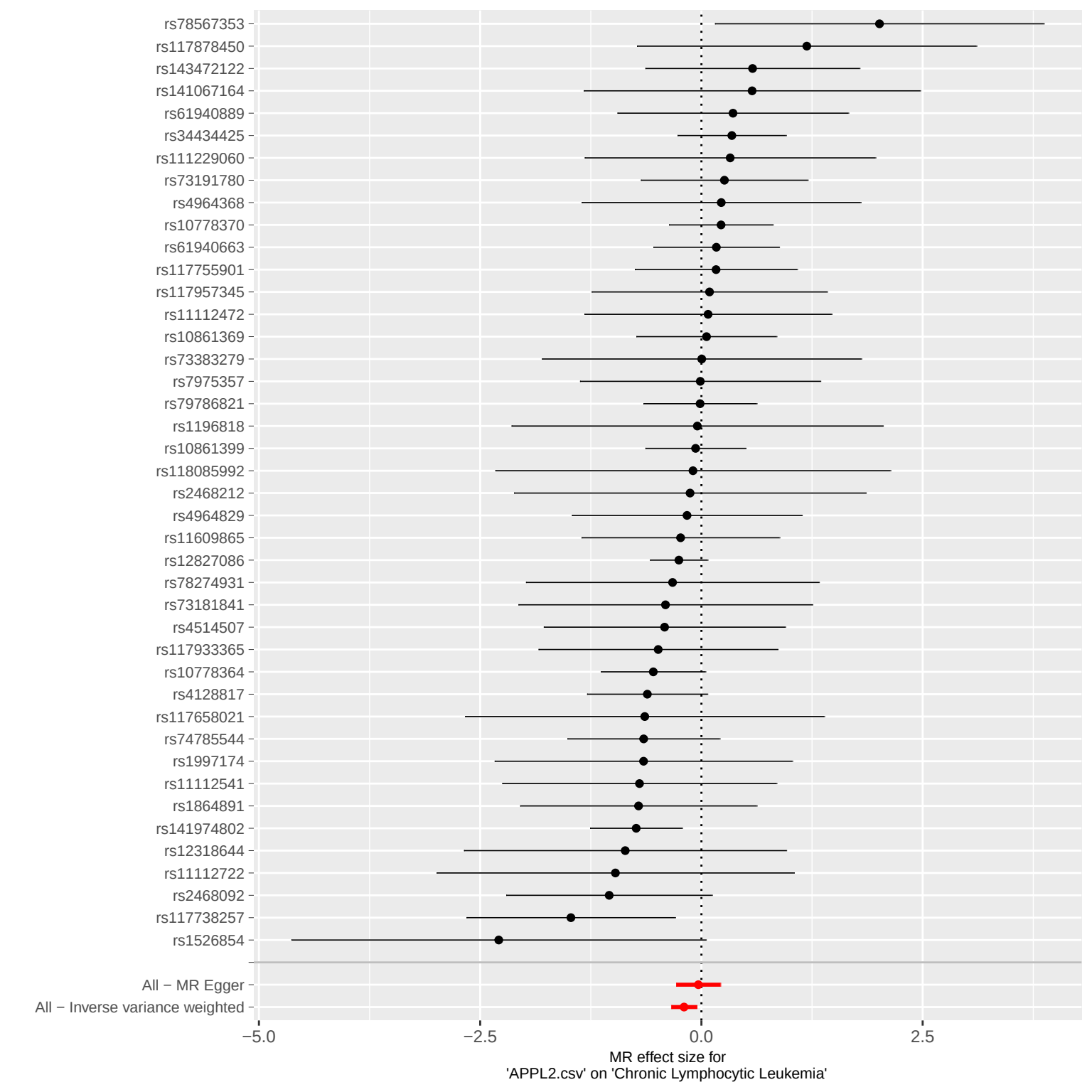
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'APOL3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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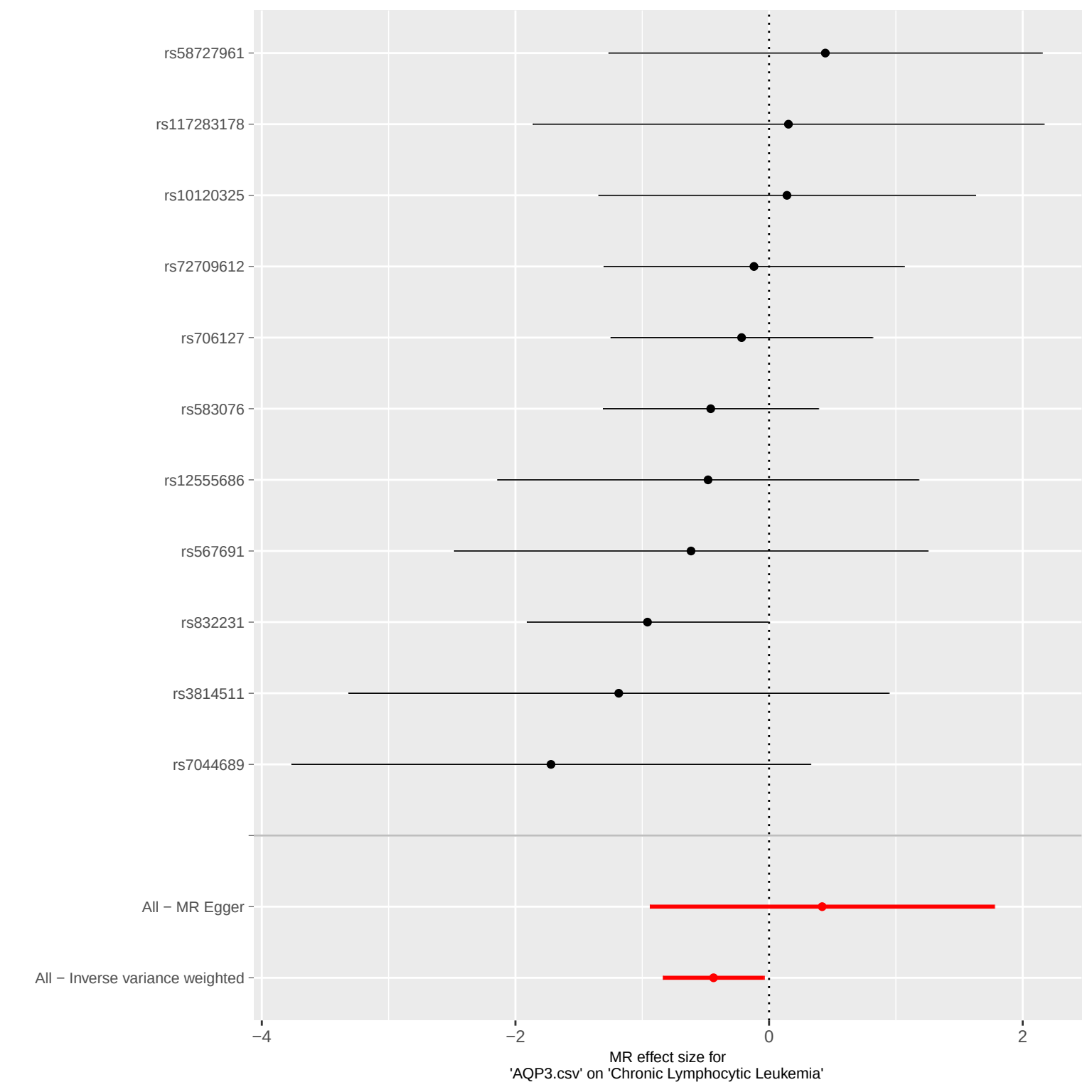
−2.5
0.0
2.5
MR effect size for
'APPL2.csv' on 'Chronic Lymphocytic Leukemia'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rs583076
rs12555686
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rs832231
rs3814511
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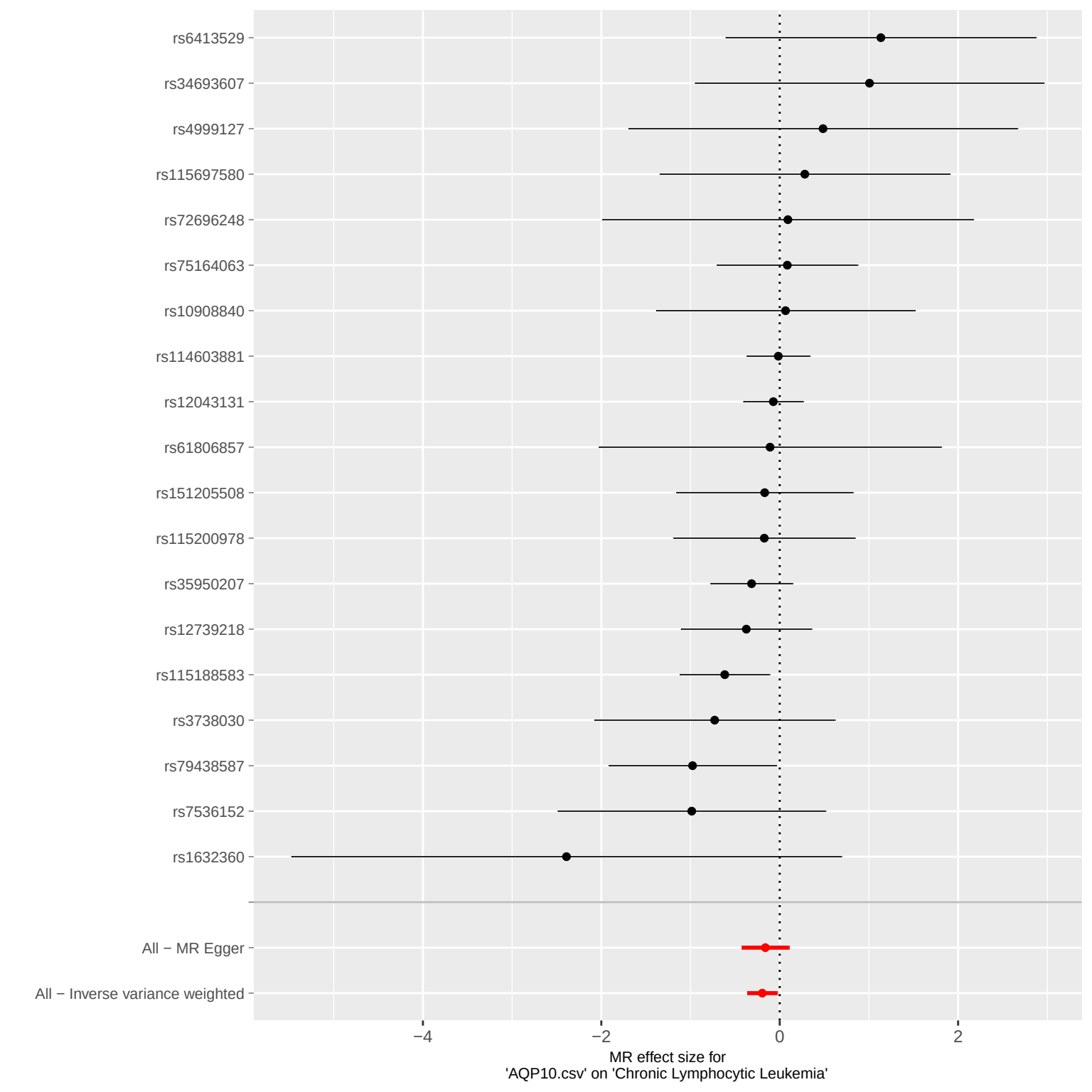
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'AQP3.csv' on 'Chronic Lymphocytic Leukemia'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rs61806857
rs151205508
rs115200978
rs35950207
rs12739218
rs115188583
rs3738030
rs79438587
rs7536152
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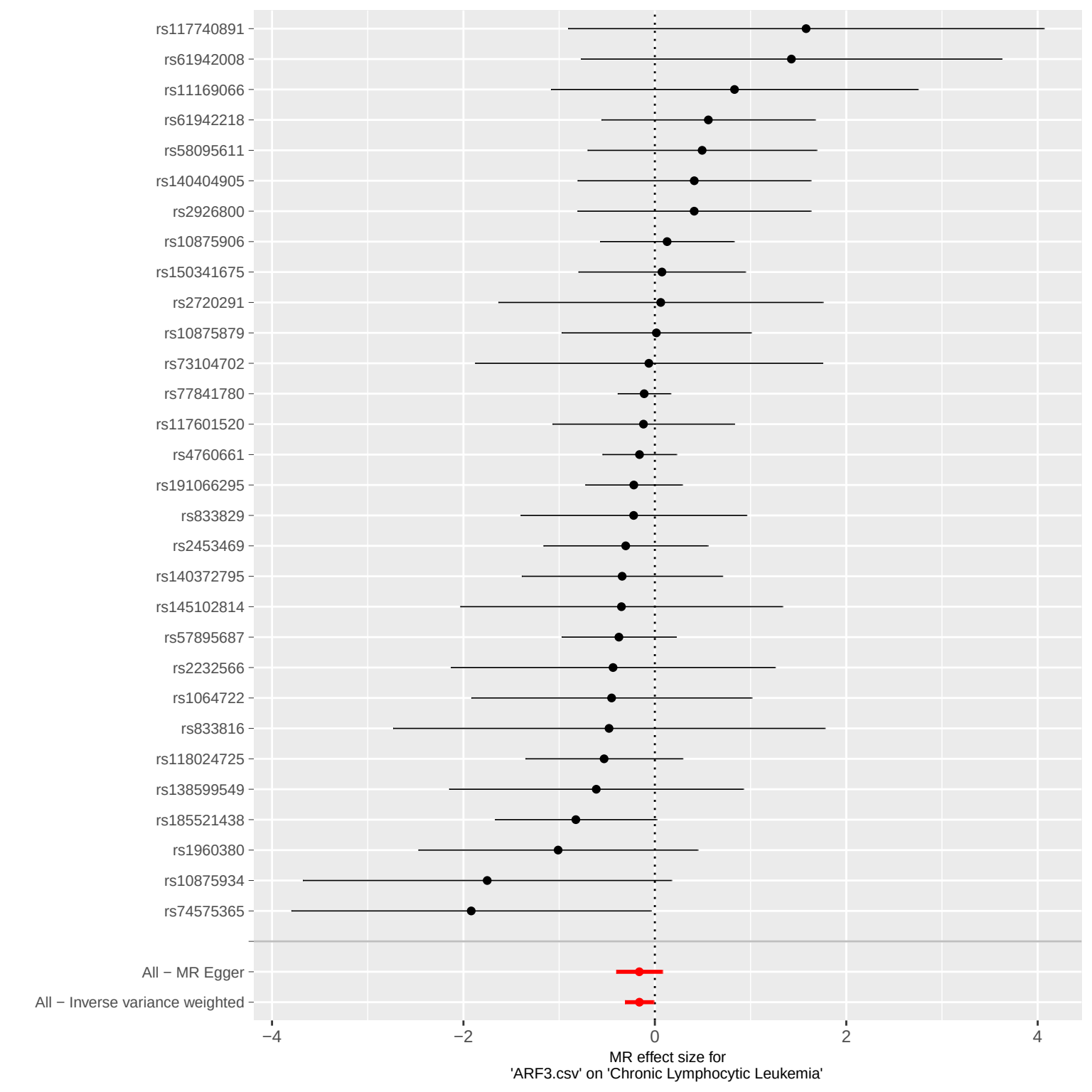
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'AQP10.csv' on 'Chronic Lymphocytic Leukemia'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rs833829
rs2453469
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rs145102814
rs57895687
rs2232566
rs1064722
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rs118024725
rs138599549
rs185521438
rs1960380
rs10875934
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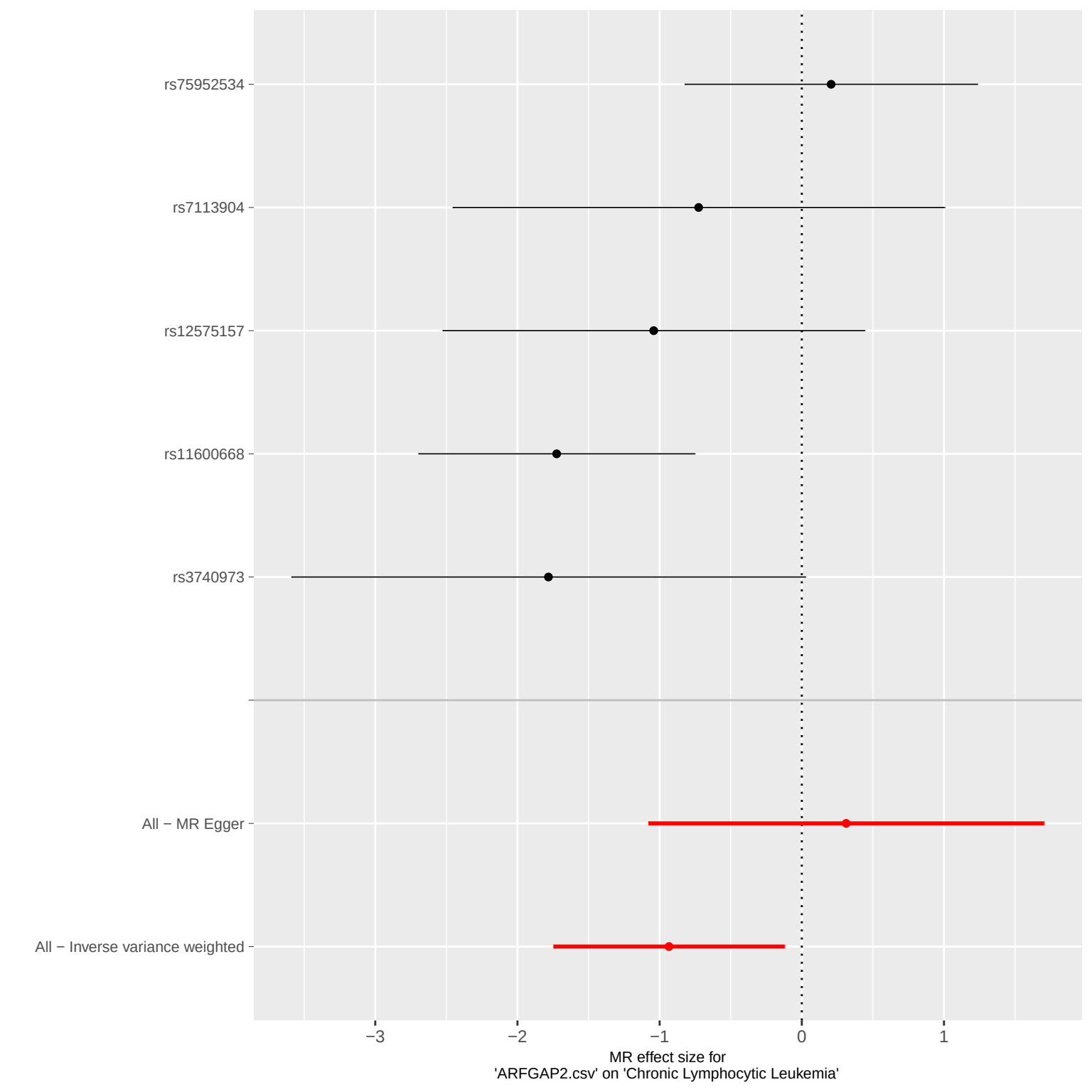
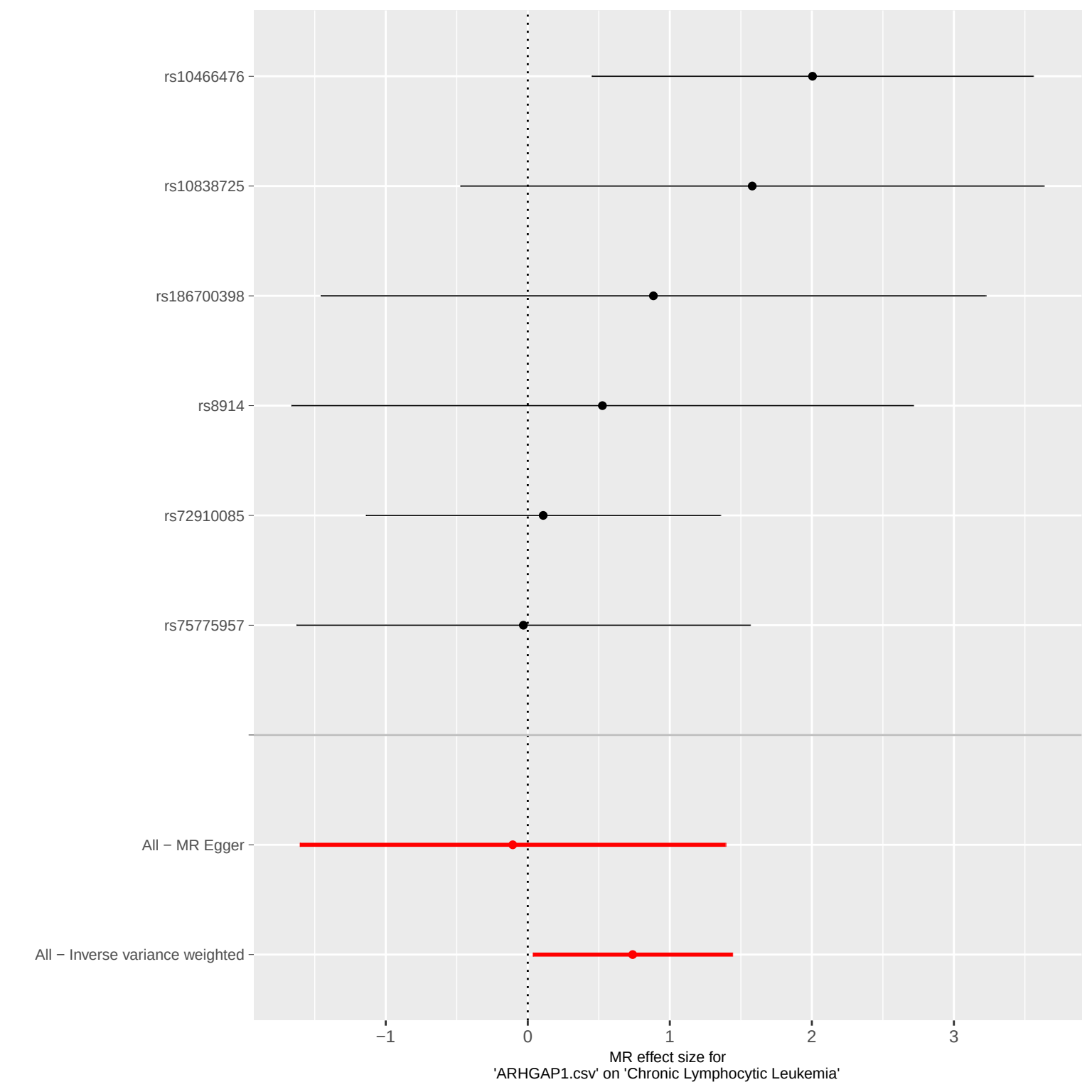
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ARF3.csv' on 'Chronic Lymphocytic Leukemia'


rs75952534
rs7113904
rs12575157
rs11600668
rs3740973
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'ARFGAP2.csv' on 'Chronic Lymphocytic Leukemia'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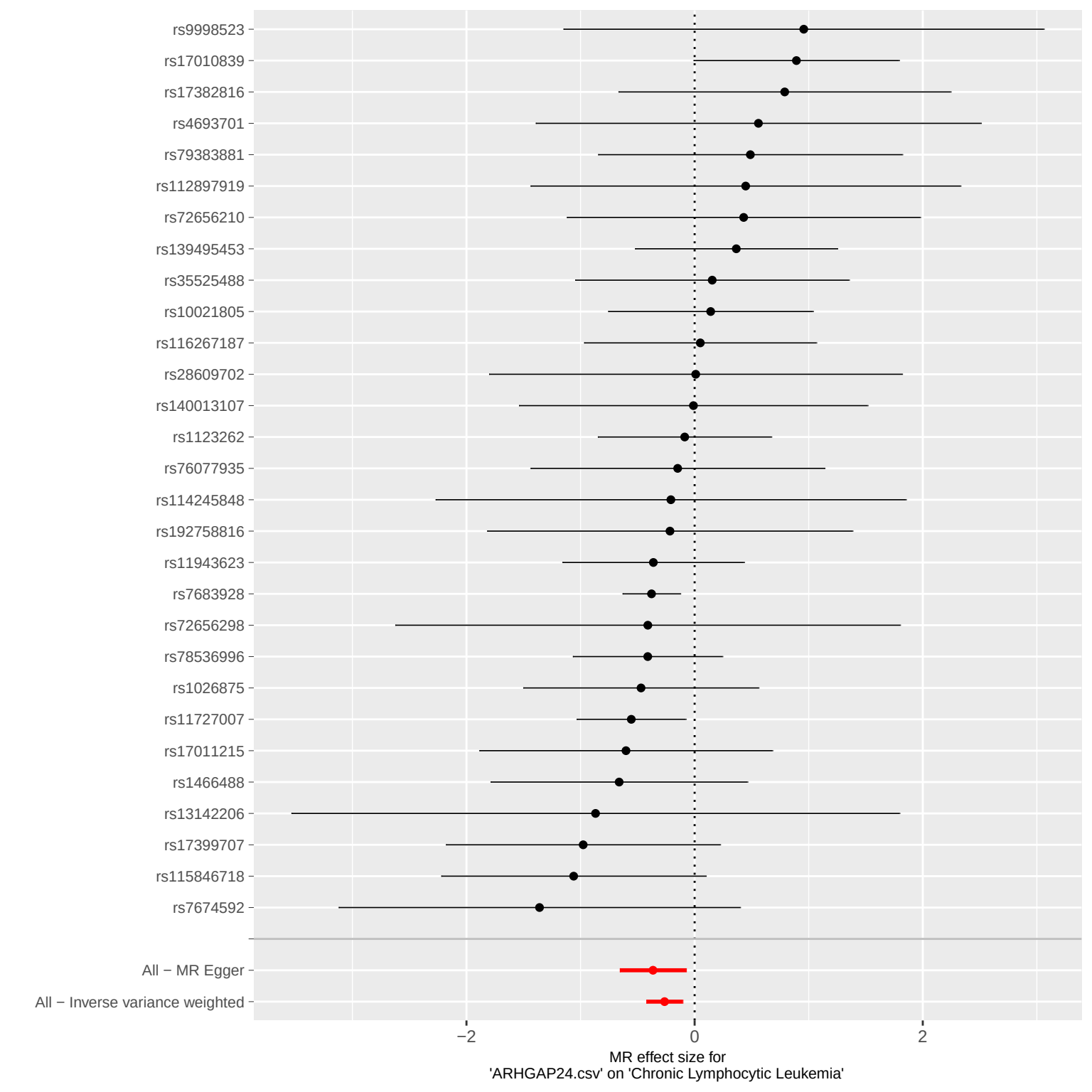
rs10838725
rs186700398
rs8914
rs72910085
rs75775957
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'ARHGAP1.csv' on 'Chronic Lymphocytic Leukemia'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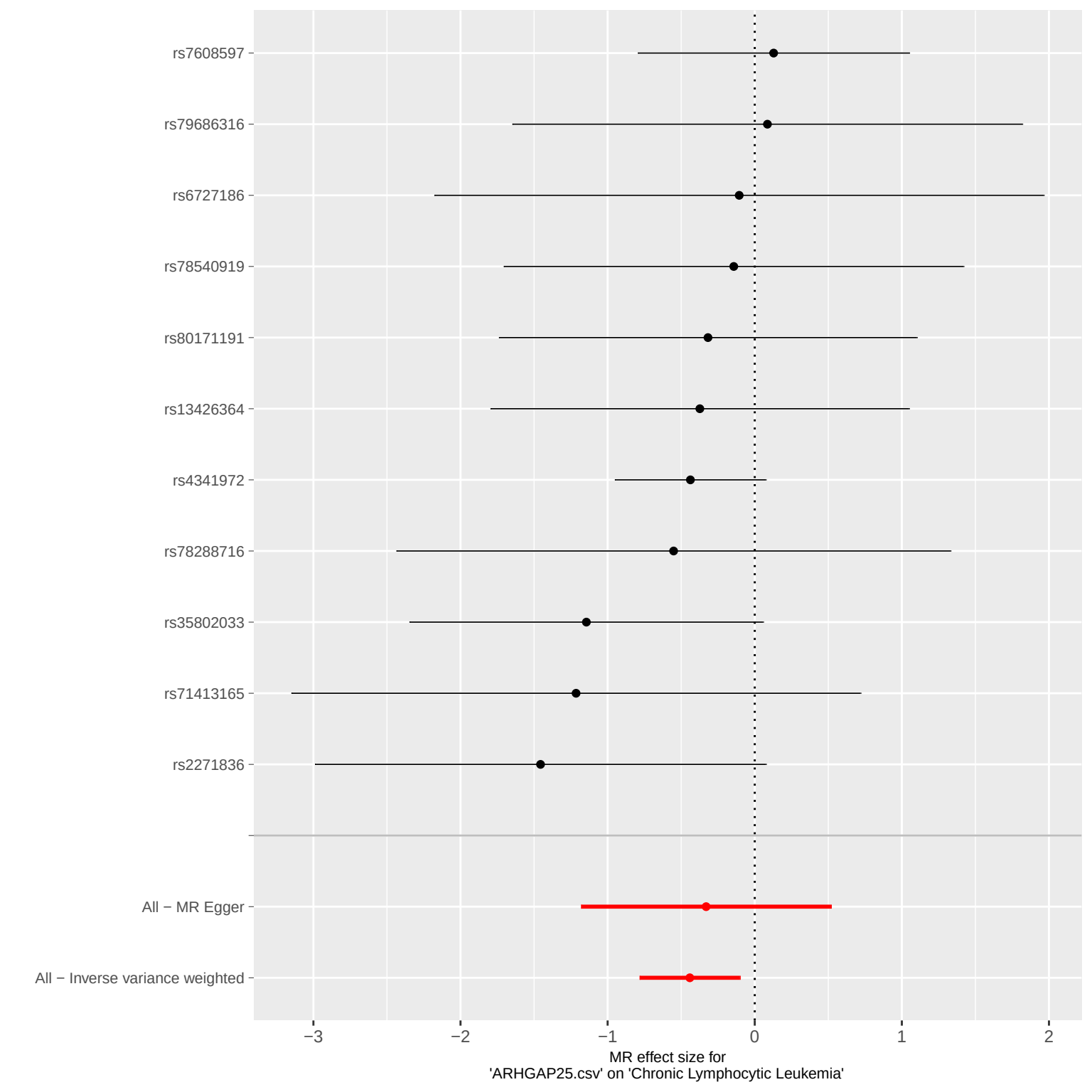
rs28609702
rs140013107
rs1123262
rs76077935
rs114245848
rs192758816
rs11943623
rs7683928
rs72656298
rs78536996
rs1026875
rs11727007
rs17011215
rs1466488
rs13142206
rs17399707
rs115846718
rs7674592
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ARHGAP24.csv' on 'Chronic Lymphocytic Leukemia'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rs6727186
rs78540919
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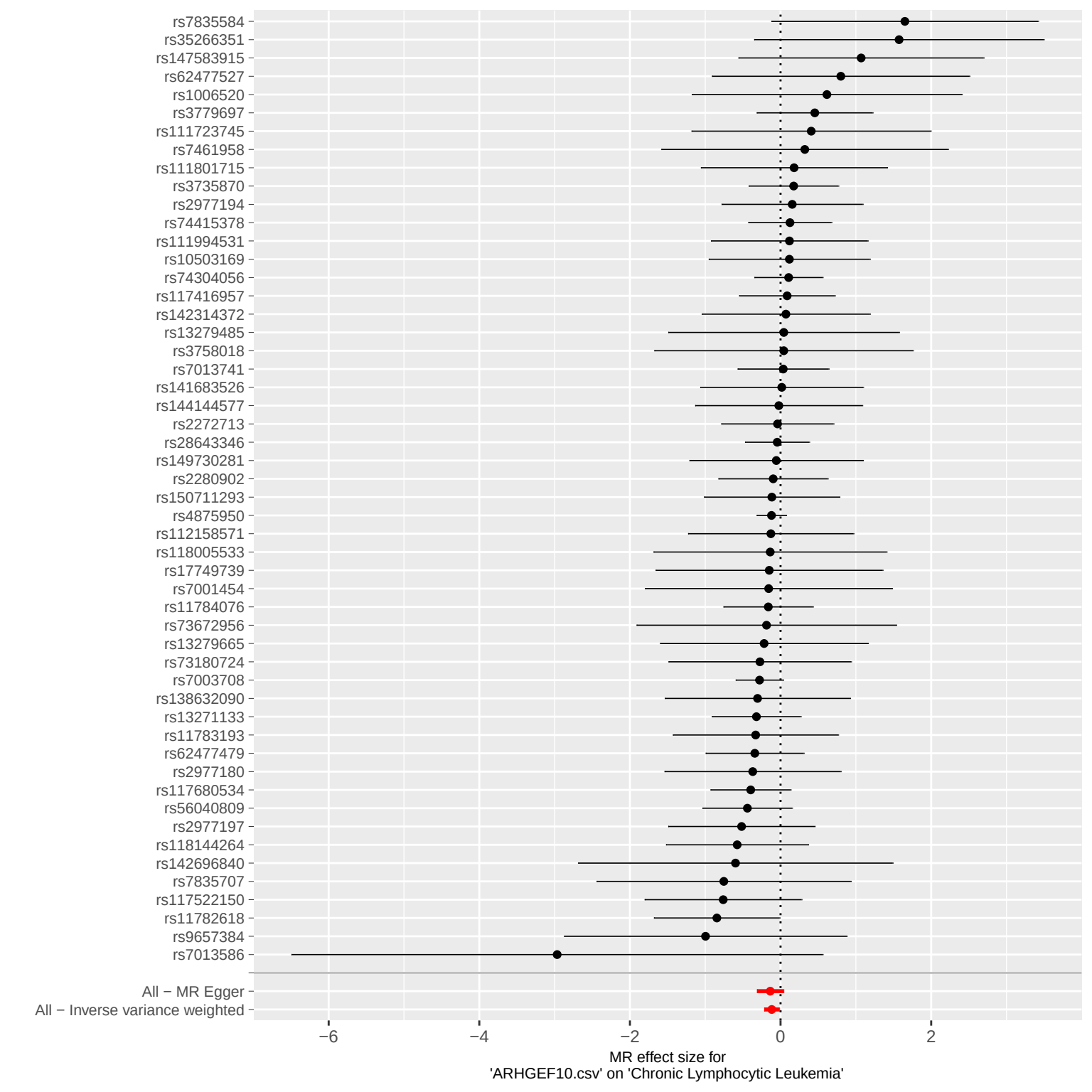
rs13426364
rs4341972
rs78288716
rs35802033
rs71413165
rs2271836
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ARHGAP25.csv' on 'Chronic Lymphocytic Leukemia'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rs74415378
rs111994531
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rs117416957
rs142314372
rs13279485
rs3758018
rs7013741
rs141683526
rs144144577
rs2272713
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rs149730281
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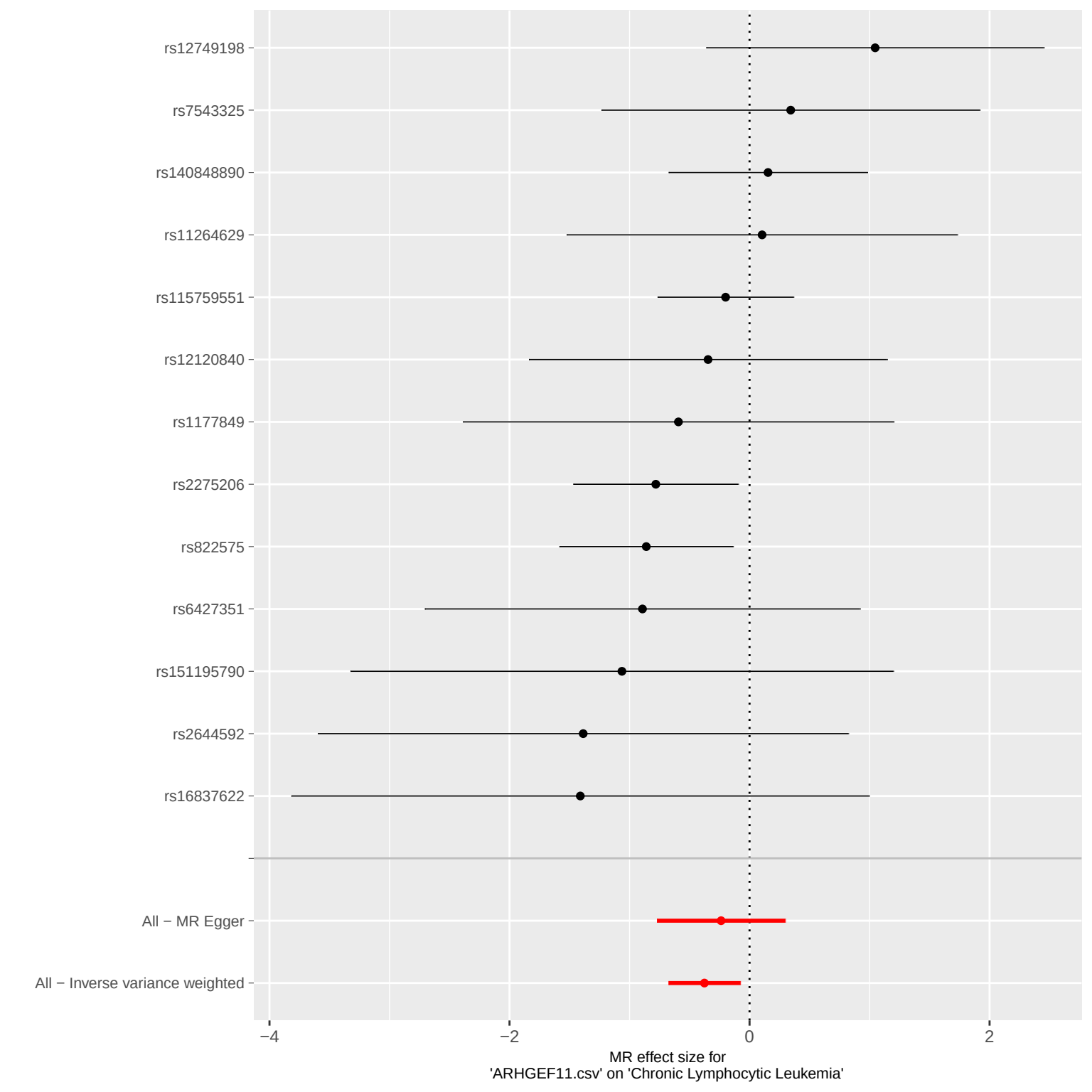
rs7835707
rs117522150
rs11782618
rs9657384
rs7013586
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ARHGEF10.csv' on 'Chronic Lymphocytic Leukemia'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rs11264629
rs115759551
rs12120840
rs1177849
rs2275206
rs822575
rs6427351
rs151195790
rs2644592
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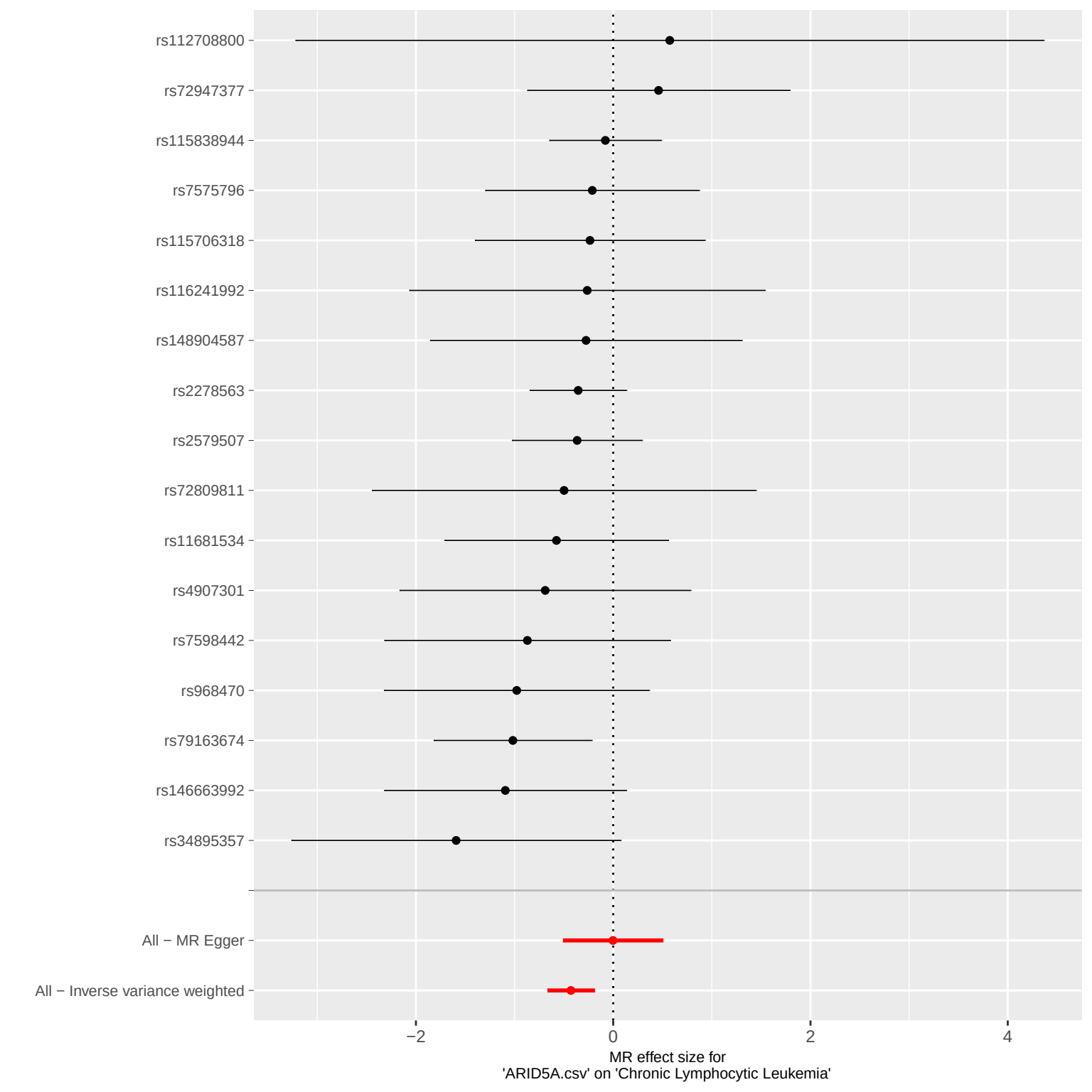
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ARHGEF11.csv' on 'Chronic Lymphocytic Leukemia'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rs4907301
rs7598442
rs968470
rs79163674
rs146663992
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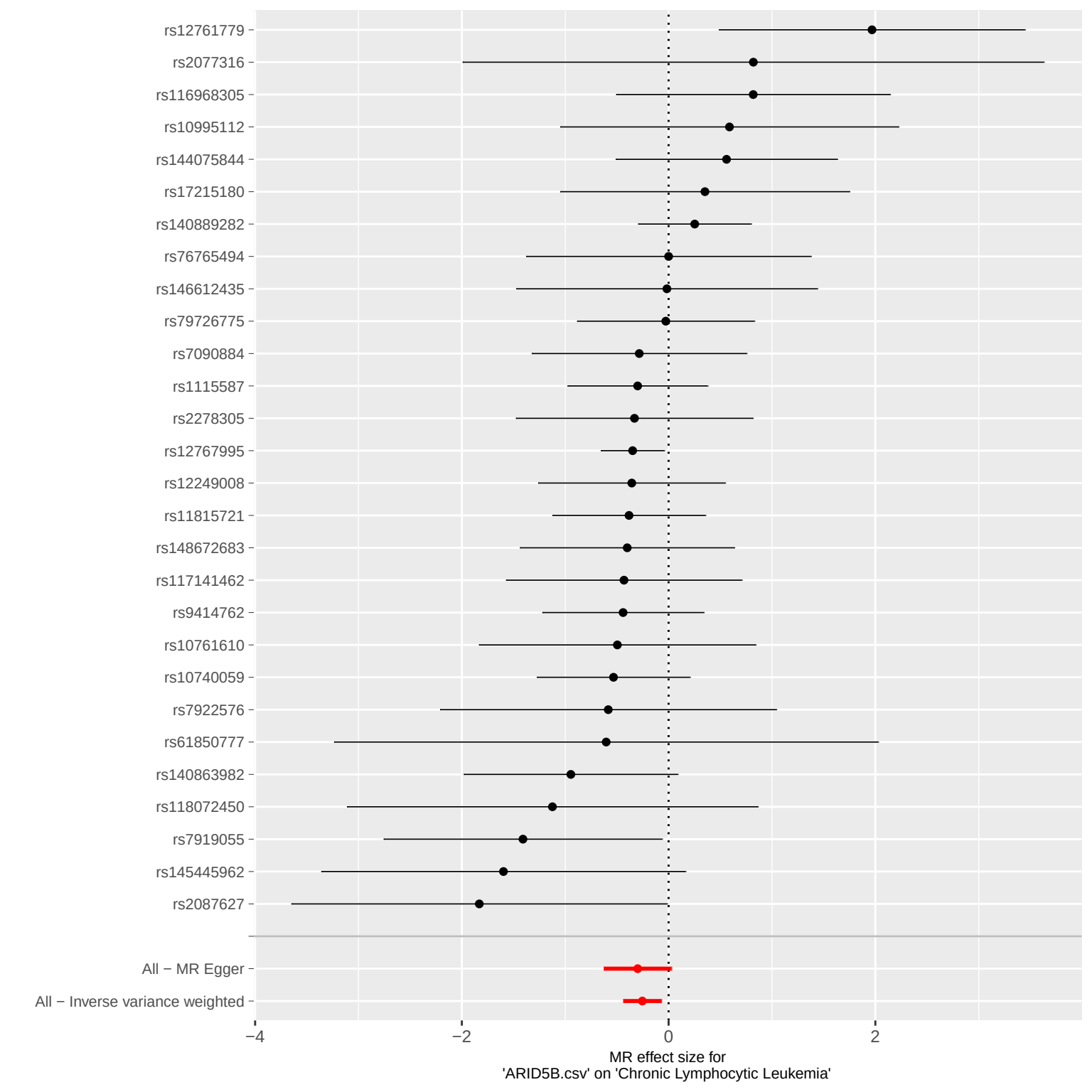
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ARID5A.csv' on 'Chronic Lymphocytic Leukemia'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rs2278305
rs12767995
rs12249008
rs11815721
rs148672683
rs117141462
rs9414762
rs10761610
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rs7922576
rs61850777
rs140863982
rs118072450
rs7919055
rs145445962
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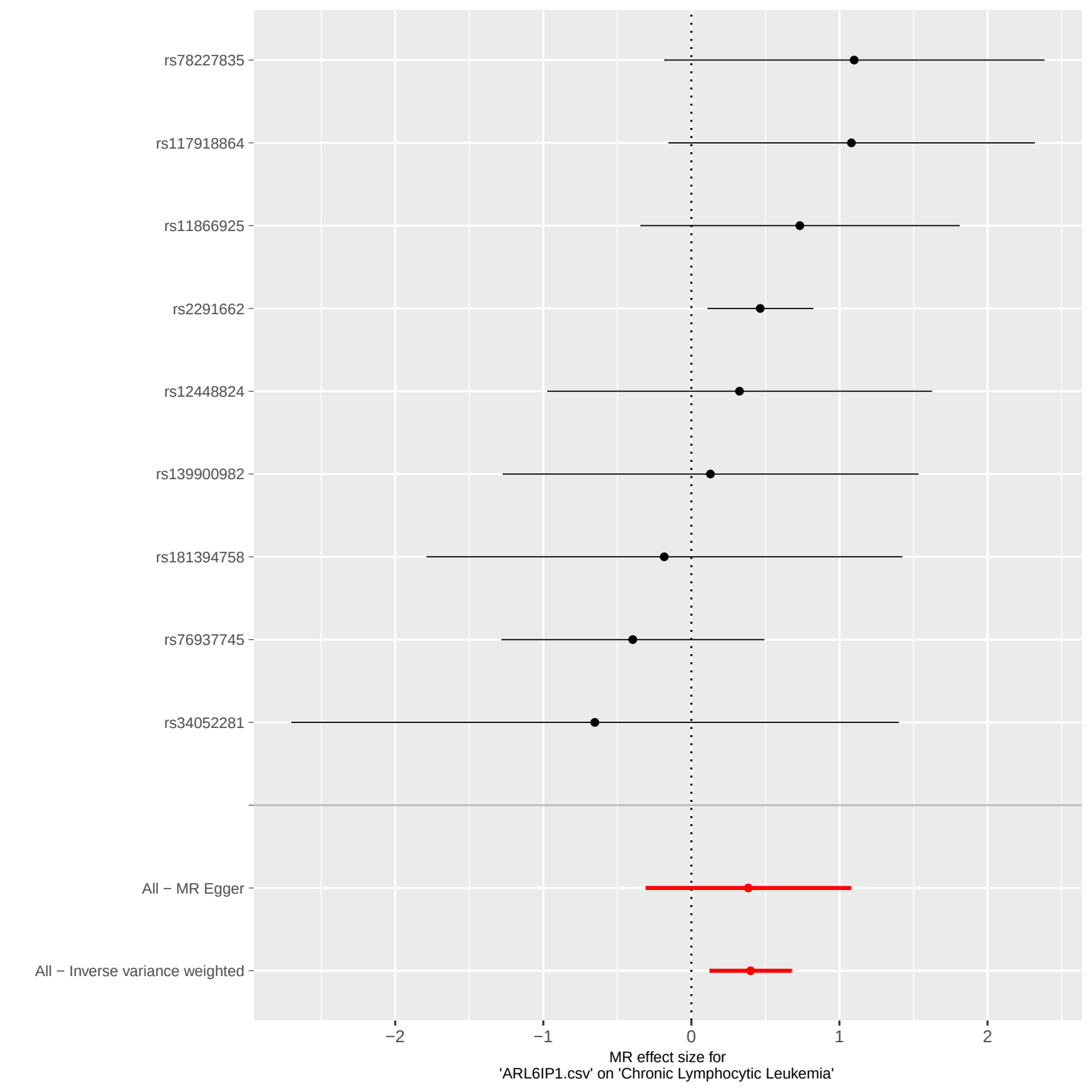
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ARID5B.csv' on 'Chronic Lymphocytic Leukemia'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rs117918864
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rs12448824
rs139900982
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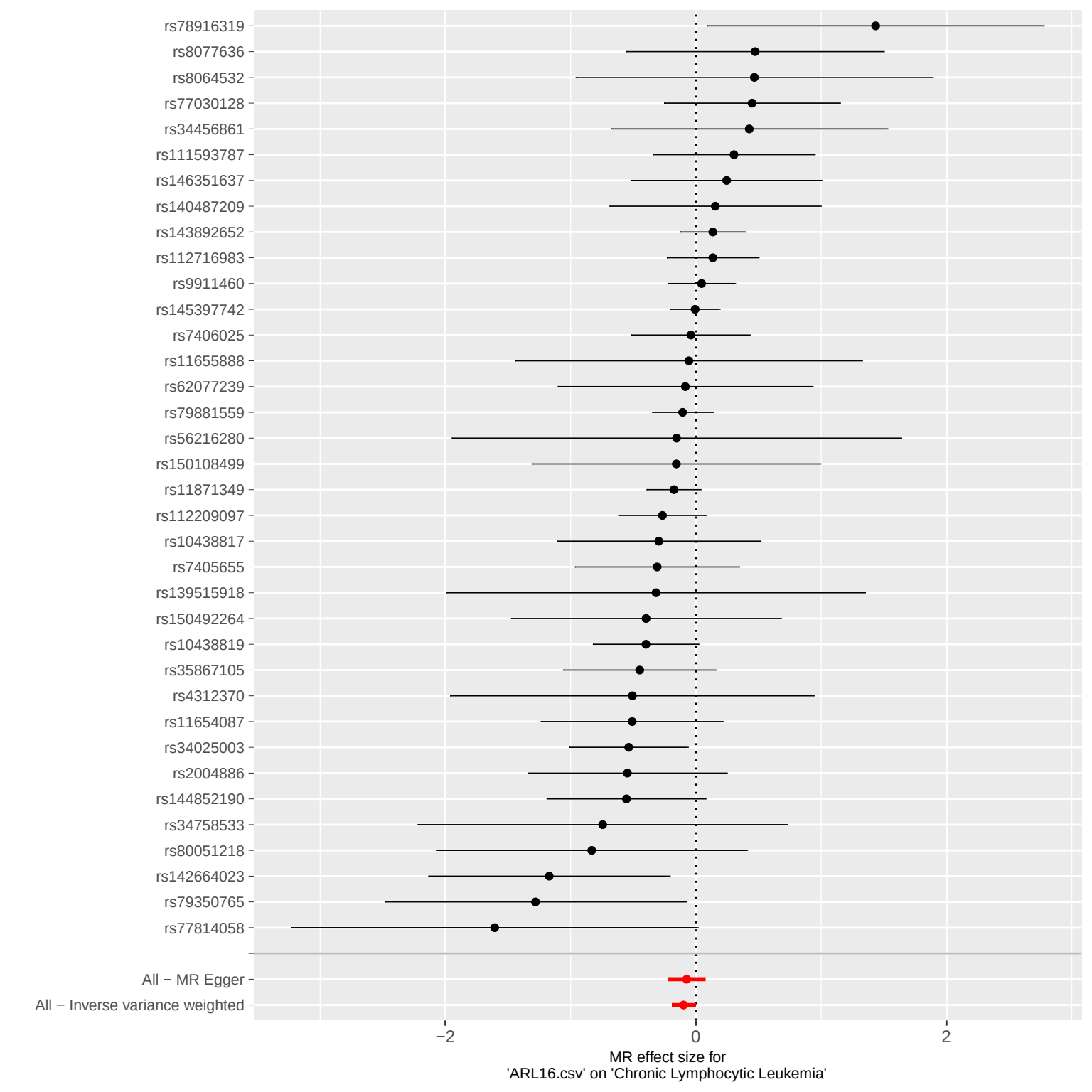
rs76937745
rs34052281
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ARL6IP1.csv' on 'Chronic Lymphocytic Leukemia'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rs9911460
rs145397742
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rs144852190
rs34758533
rs80051218
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All − MR Egger
All − Inverse variance weighted
−2
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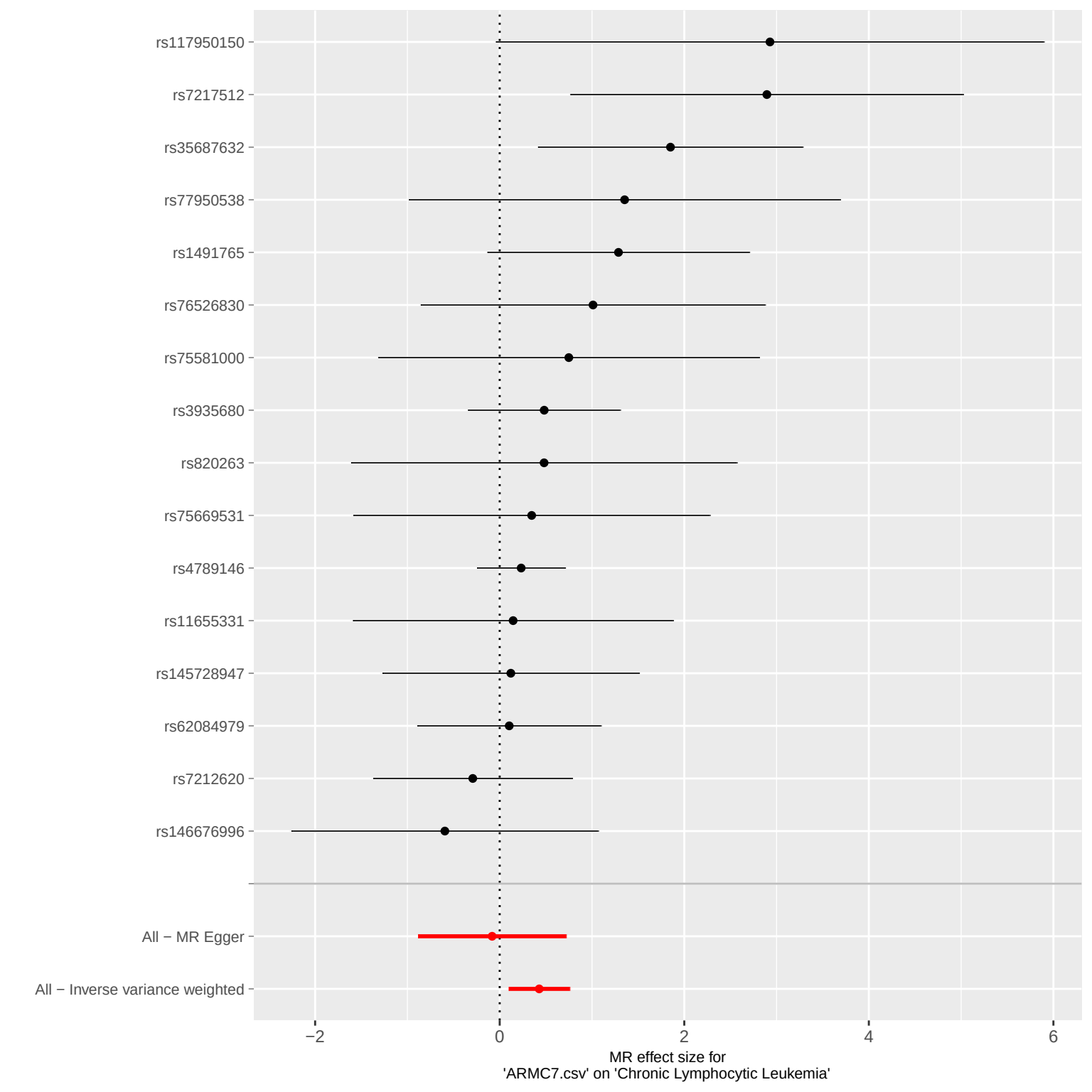
MR effect size for
'ARL16.csv' on 'Chronic Lymphocytic Leukemia'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rs75581000
rs3935680
rs820263
rs75669531
rs4789146
rs11655331
rs145728947
rs62084979
rs7212620
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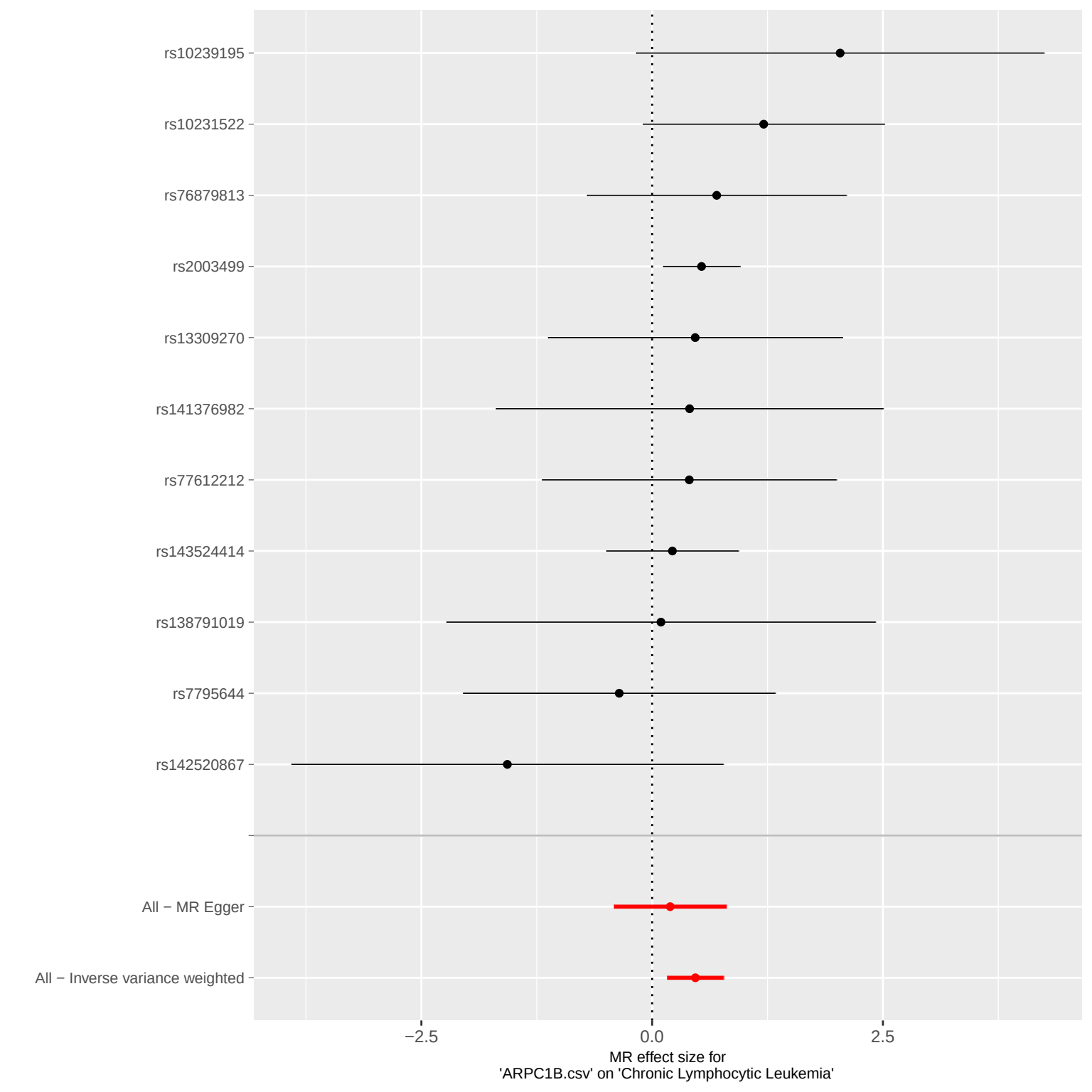
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'ARMC7.csv' on 'Chronic Lymphocytic Leukemia'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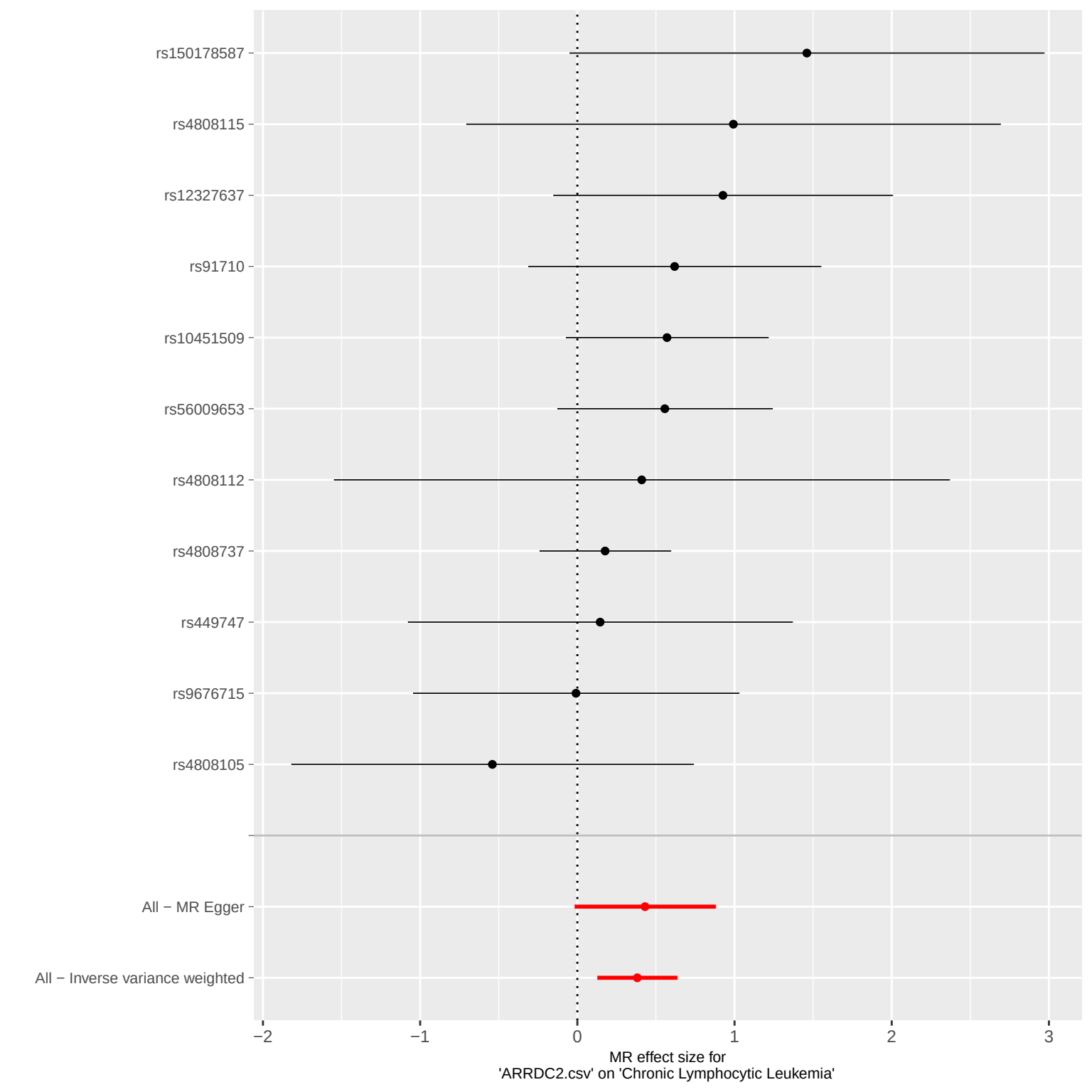
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'ARPC1B.csv' on 'Chronic Lymphocytic Leukemia'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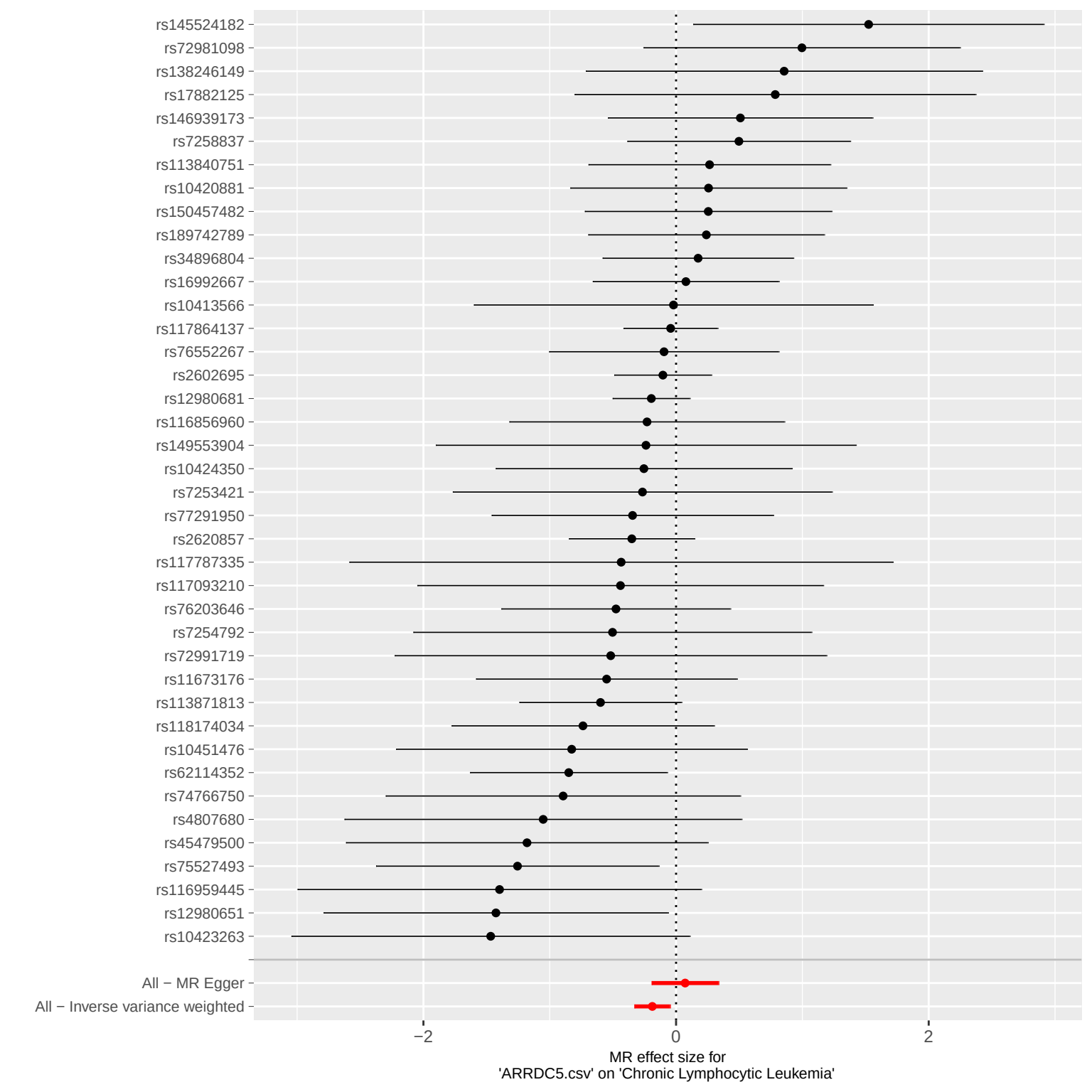
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ARRDC2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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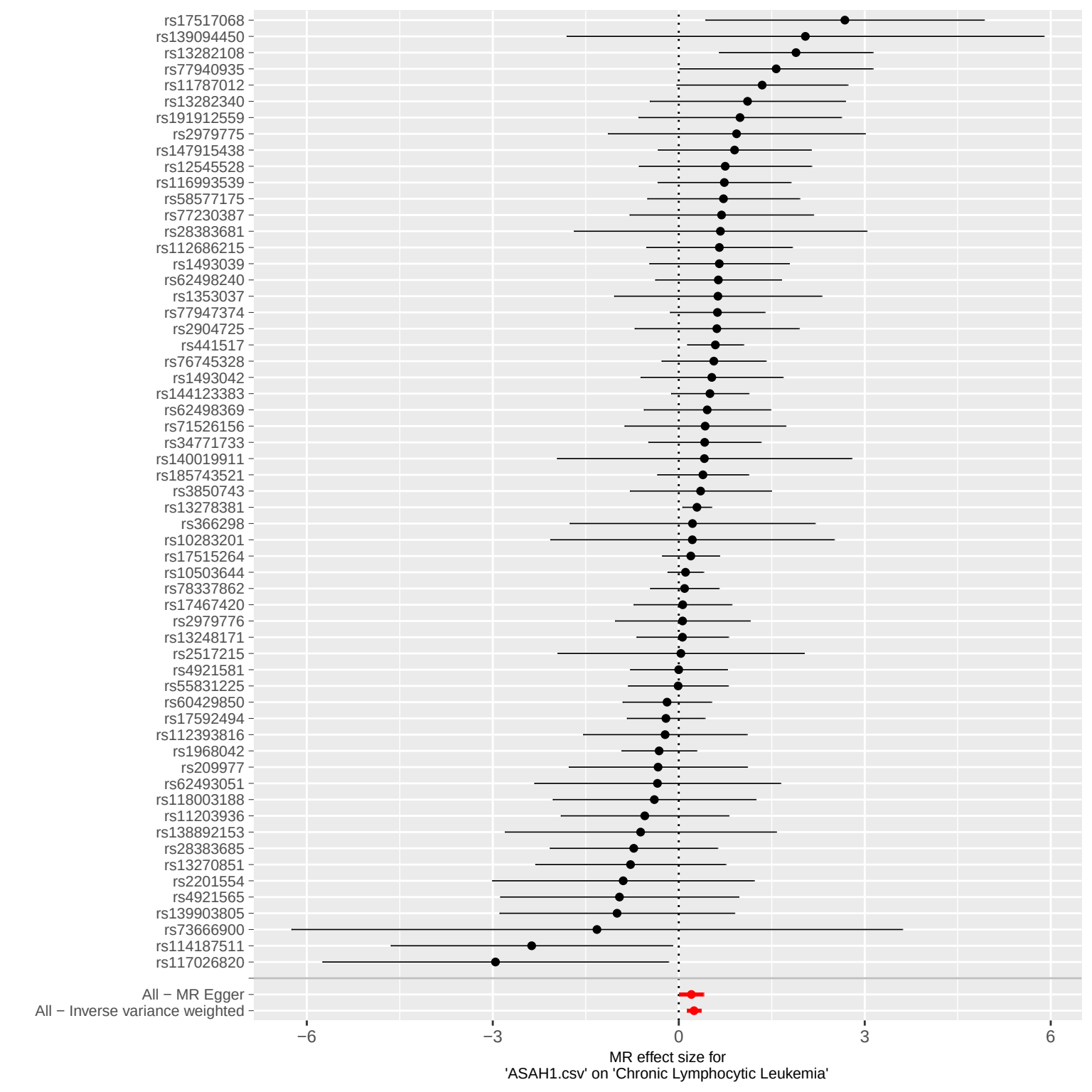
2
MR effect size for
'ARRDC5.csv' on 'Chronic Lymphocytic Leukemia'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rs13270851
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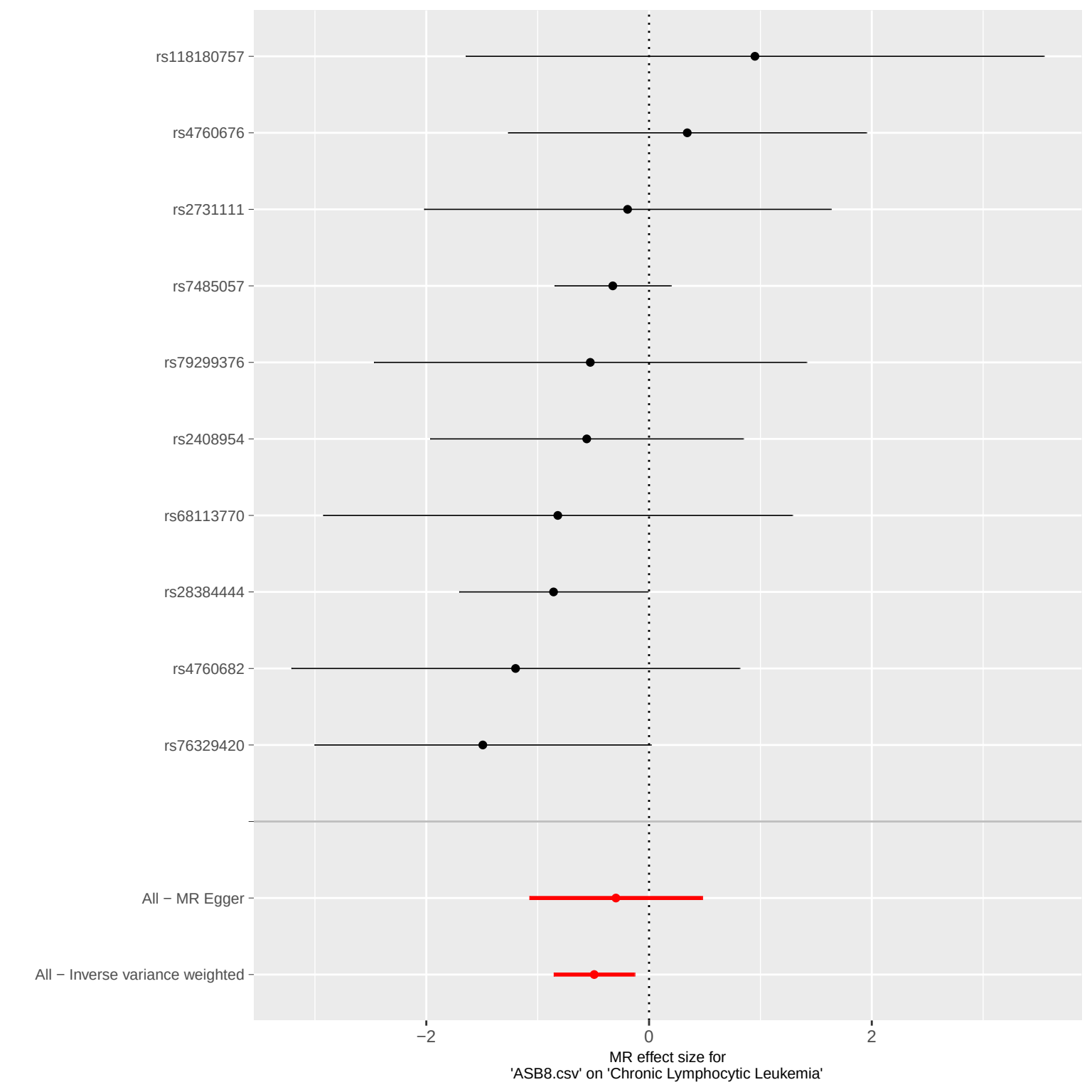
rs139903805
rs73666900
rs114187511
rs117026820
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
6
MR effect size for
'ASAH1.csv' on 'Chronic Lymphocytic Leukemia'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rs2408954
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rs28384444
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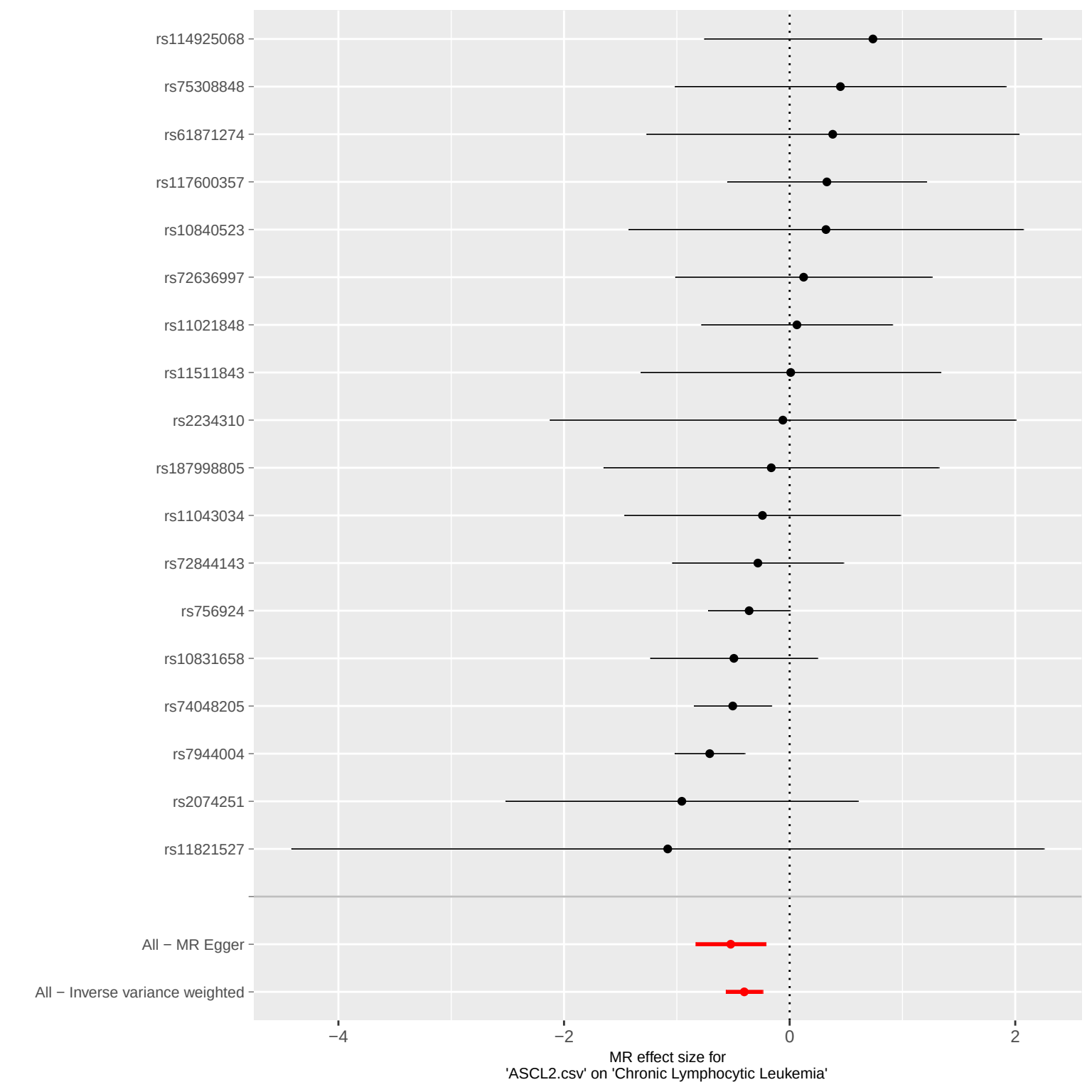
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ASB8.csv' on 'Chronic Lymphocytic Leukemia'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rs756924
rs10831658
rs74048205
rs7944004
rs2074251
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All − Inverse variance weighted
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−2
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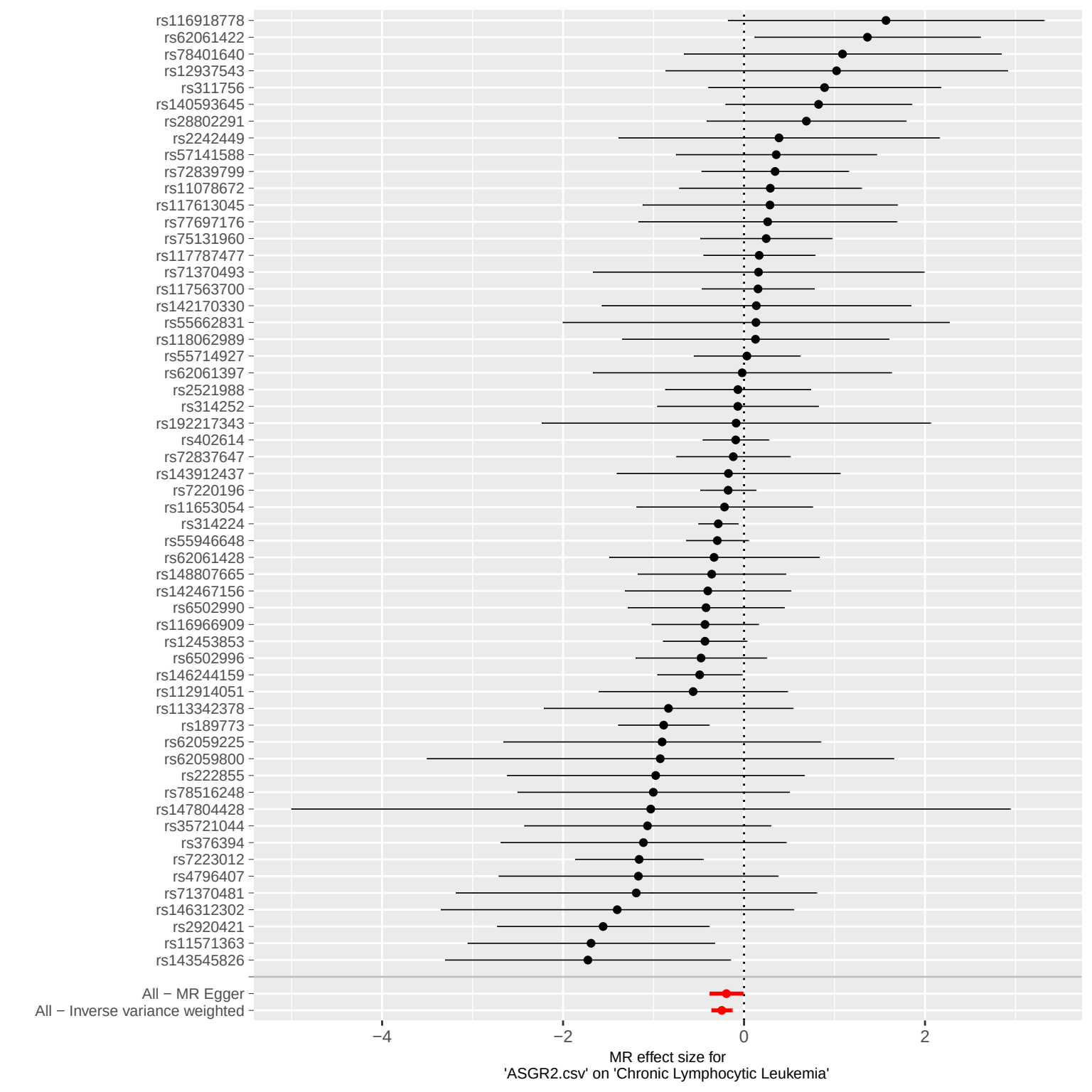
MR effect size for
'ASCL2.csv' on 'Chronic Lymphocytic Leukemia'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rs189773
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rs78516248
rs147804428
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rs376394
rs7223012
rs4796407
rs71370481
rs146312302
rs2920421
rs11571363
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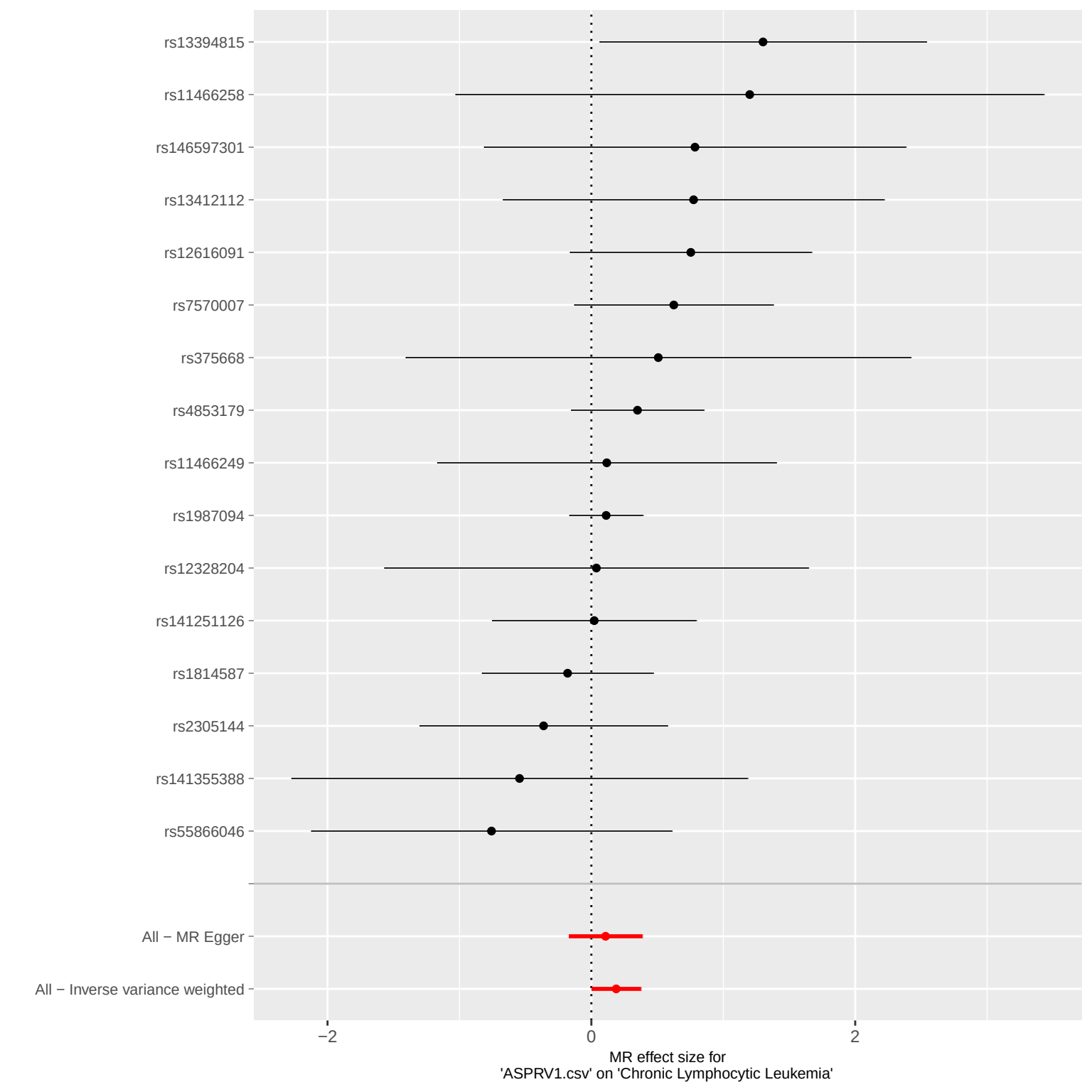
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ASGR2.csv' on 'Chronic Lymphocytic Leukemia'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rs12328204
rs141251126
rs1814587
rs2305144
rs141355388
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All − MR Egger
All − Inverse variance weighted
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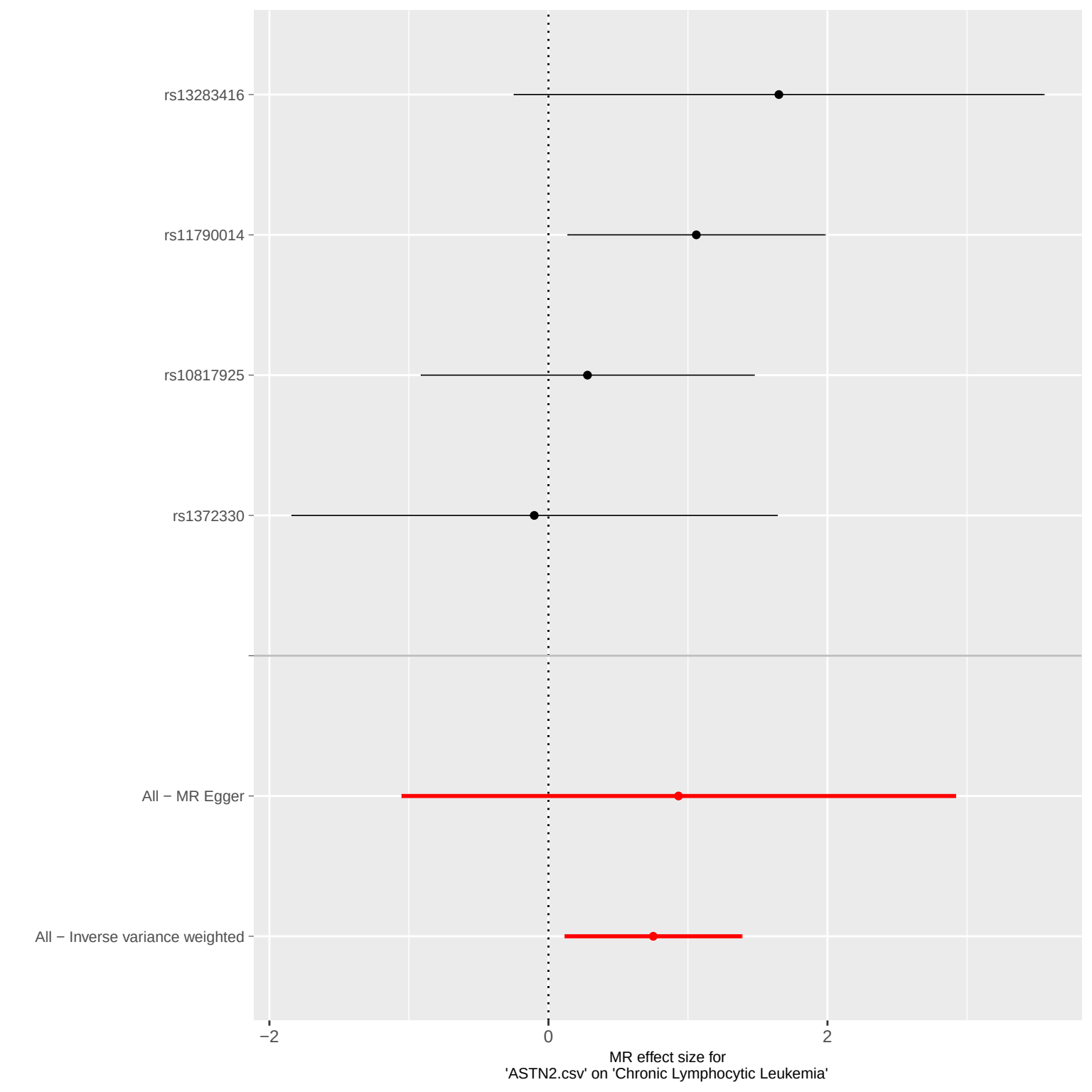
2
MR effect size for
'ASPRV1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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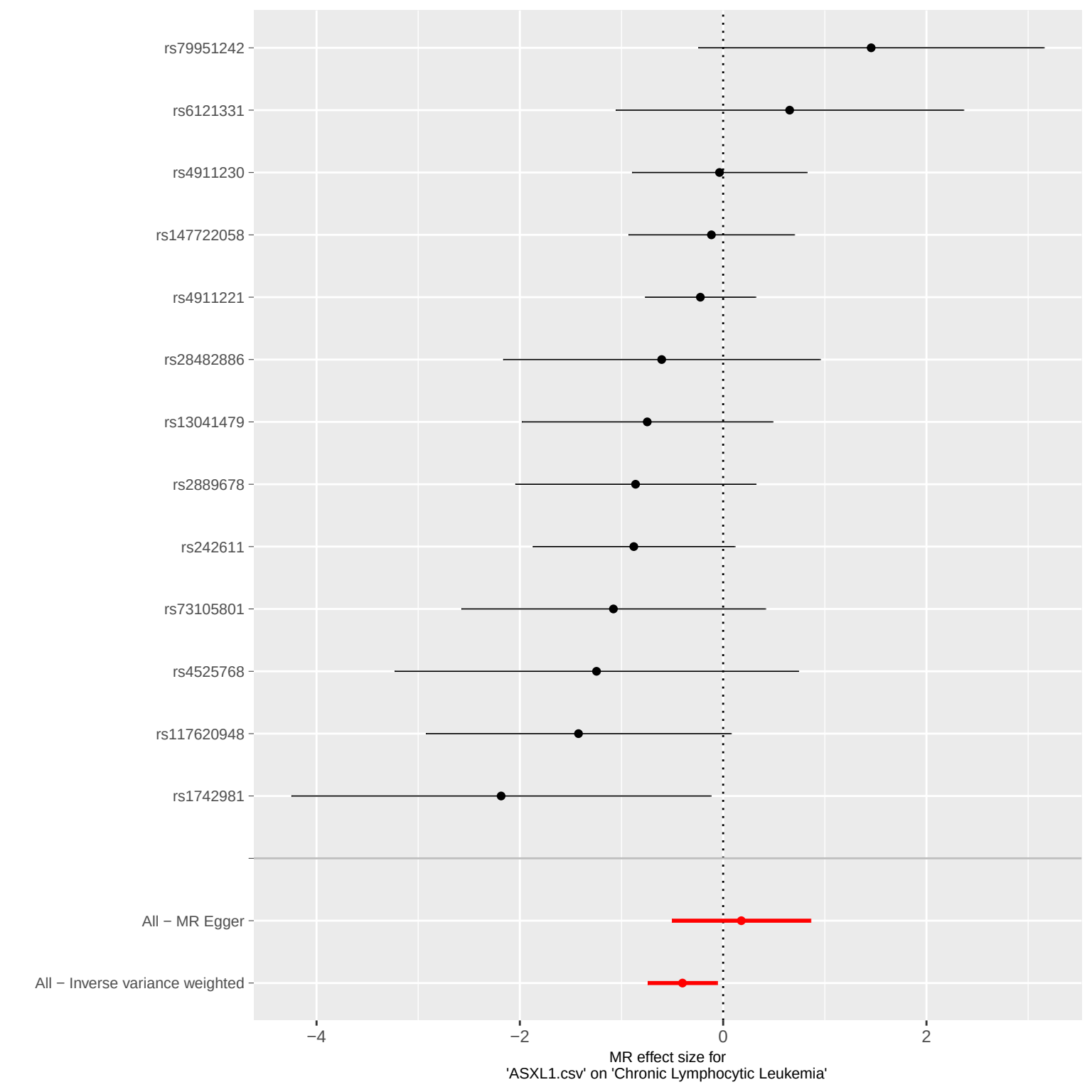
2
MR effect size for
'ASTN2.csv' on 'Chronic Lymphocytic Leukemia'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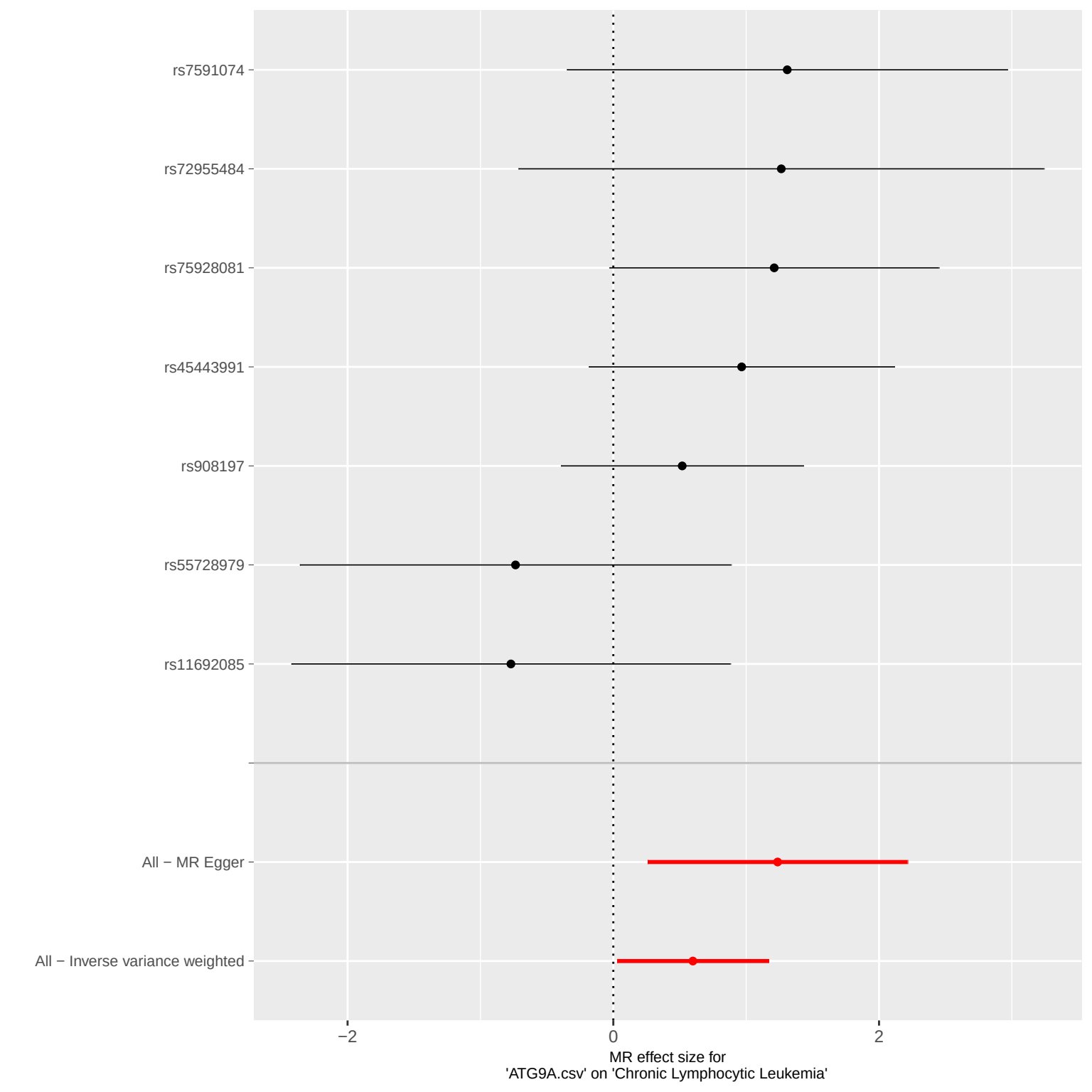
rs2889678
rs242611
rs73105801
rs4525768
rs117620948
rs1742981
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ASXL1.csv' on 'Chronic Lymphocytic Leukemia'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rs75928081
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rs908197
rs55728979
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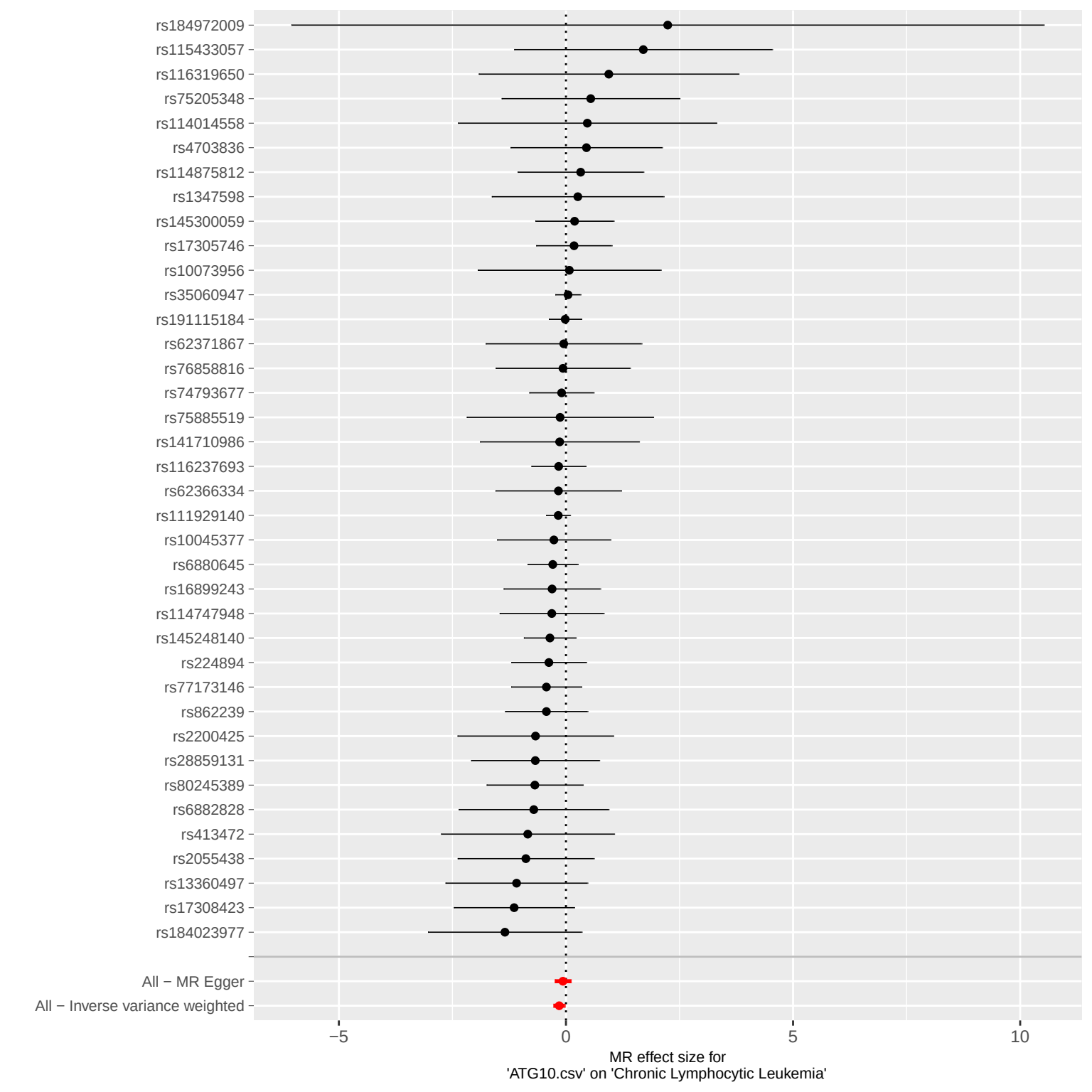
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ATG9A.csv' on 'Chronic Lymphocytic Leukemia'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rs6880645
rs16899243
rs114747948
rs145248140
rs224894
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rs862239
rs2200425
rs28859131
rs80245389
rs6882828
rs413472
rs2055438
rs13360497
rs17308423
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All − MR Egger
All − Inverse variance weighted
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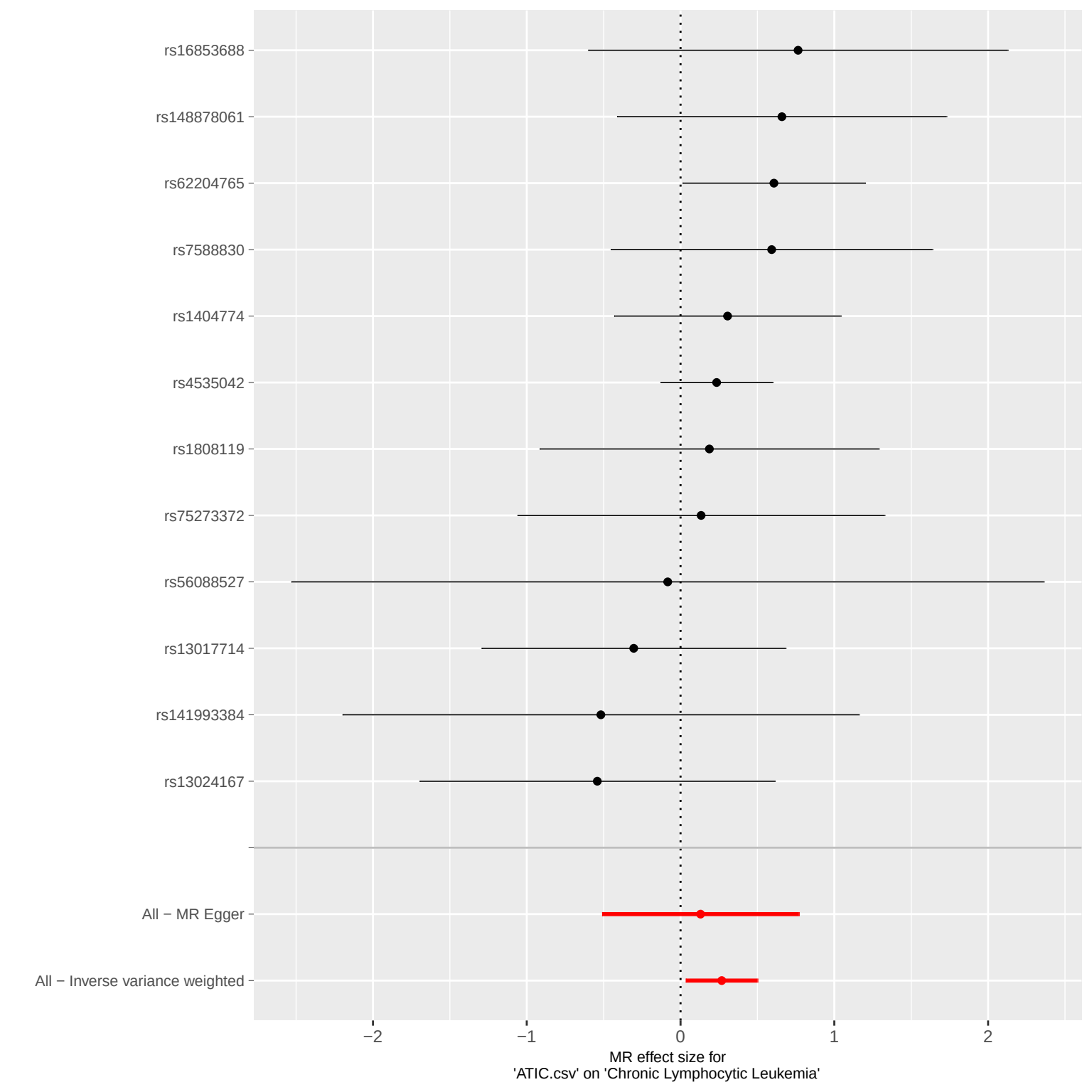
5
10
MR effect size for
'ATG10.csv' on 'Chronic Lymphocytic Leukemia'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rs4535042
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rs56088527
rs13017714
rs141993384
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All − MR Egger
All − Inverse variance weighted
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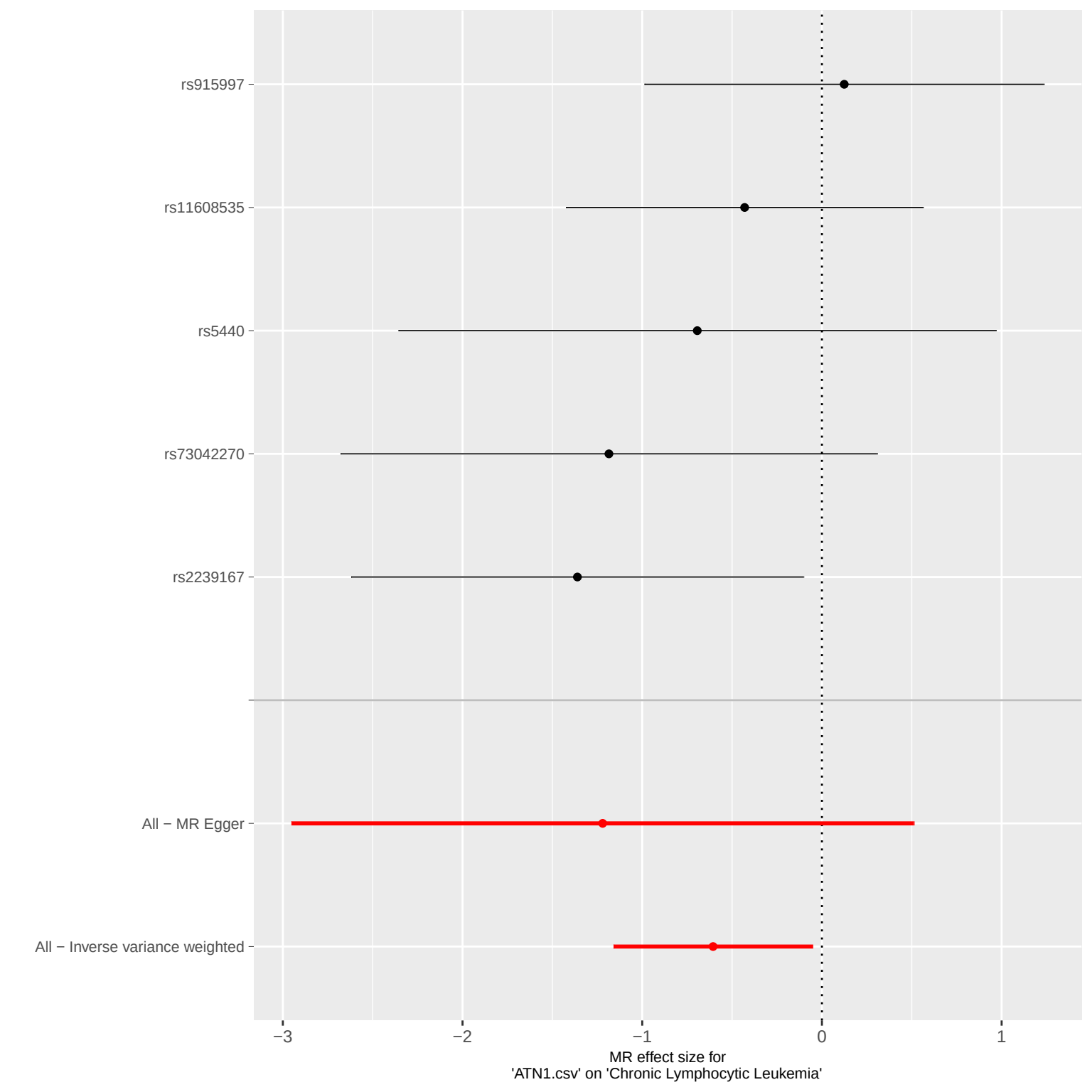
−1
0
1
2
MR effect size for
'ATIC.csv' on 'Chronic Lymphocytic Leukemia'


rs915997
rs11608535
rs5440
rs73042270
rs2239167
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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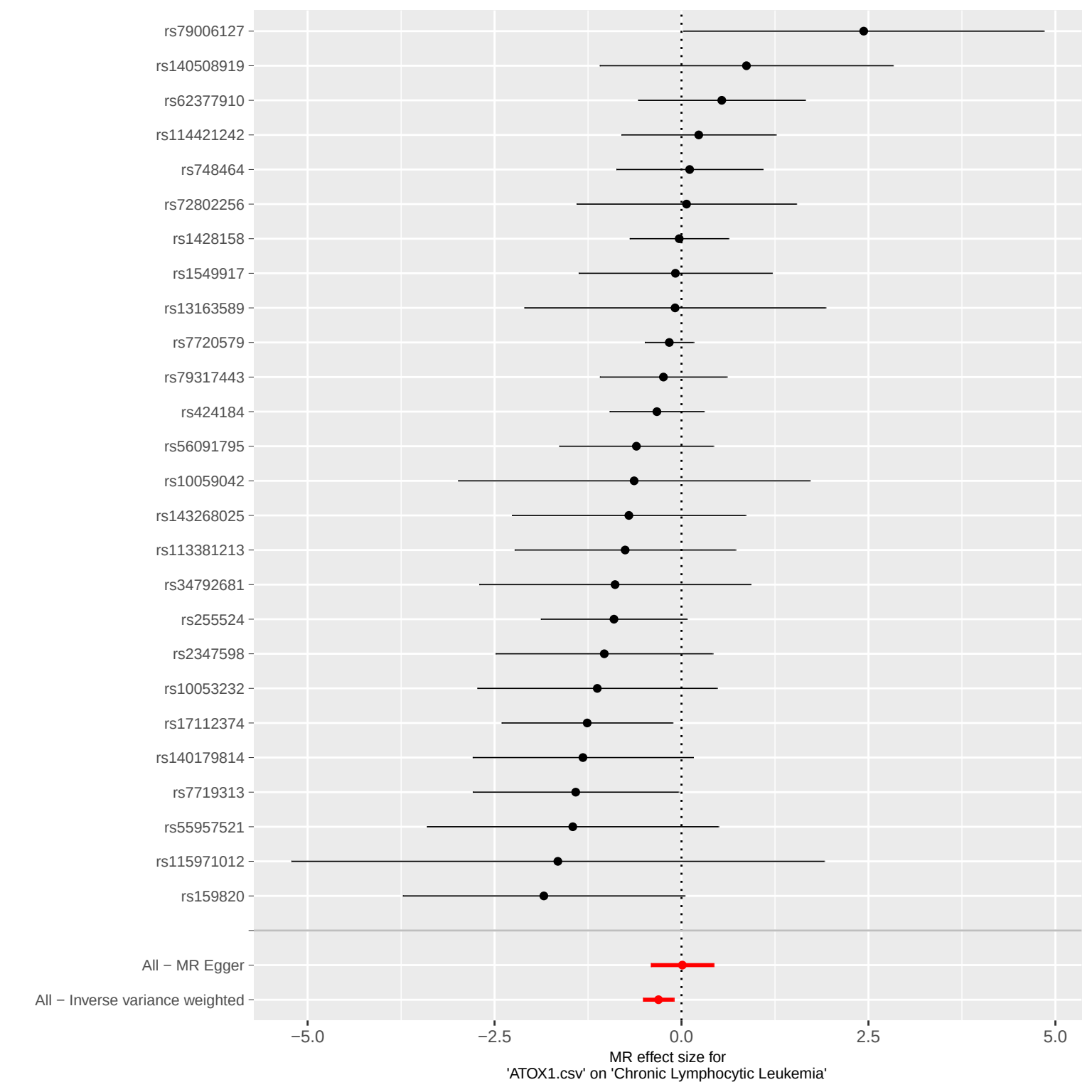
MR effect size for
'ATN1.csv' on 'Chronic Lymphocytic Leukemia'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rs140179814
rs7719313
rs55957521
rs115971012
rs159820
All − MR Egger
All − Inverse variance weighted
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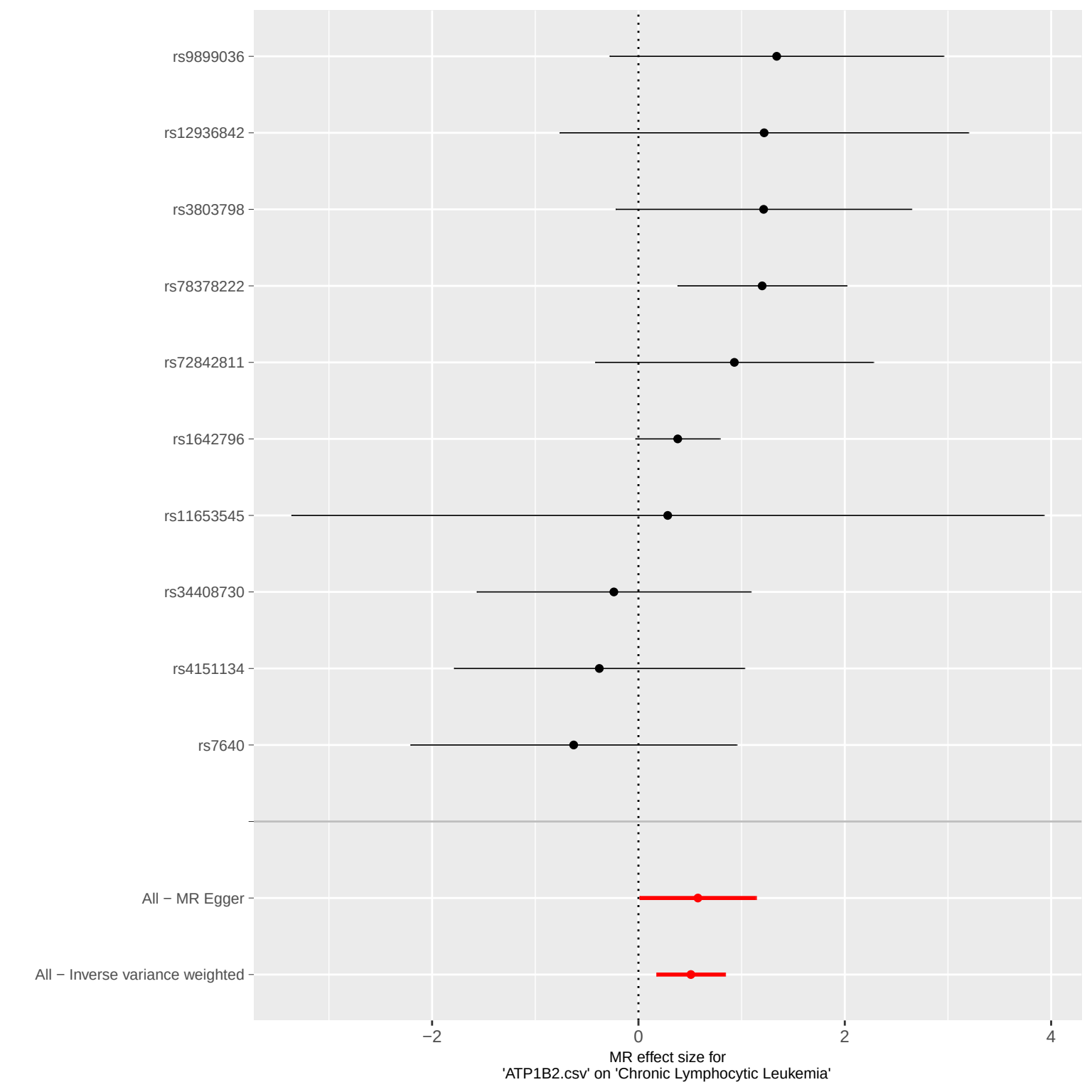
−2.5
0.0
2.5
5.0
MR effect size for
'ATOX1.csv' on 'Chronic Lymphocytic Leukemia'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rs34408730
rs4151134
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All − MR Egger
All − Inverse variance weighted
−2
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2
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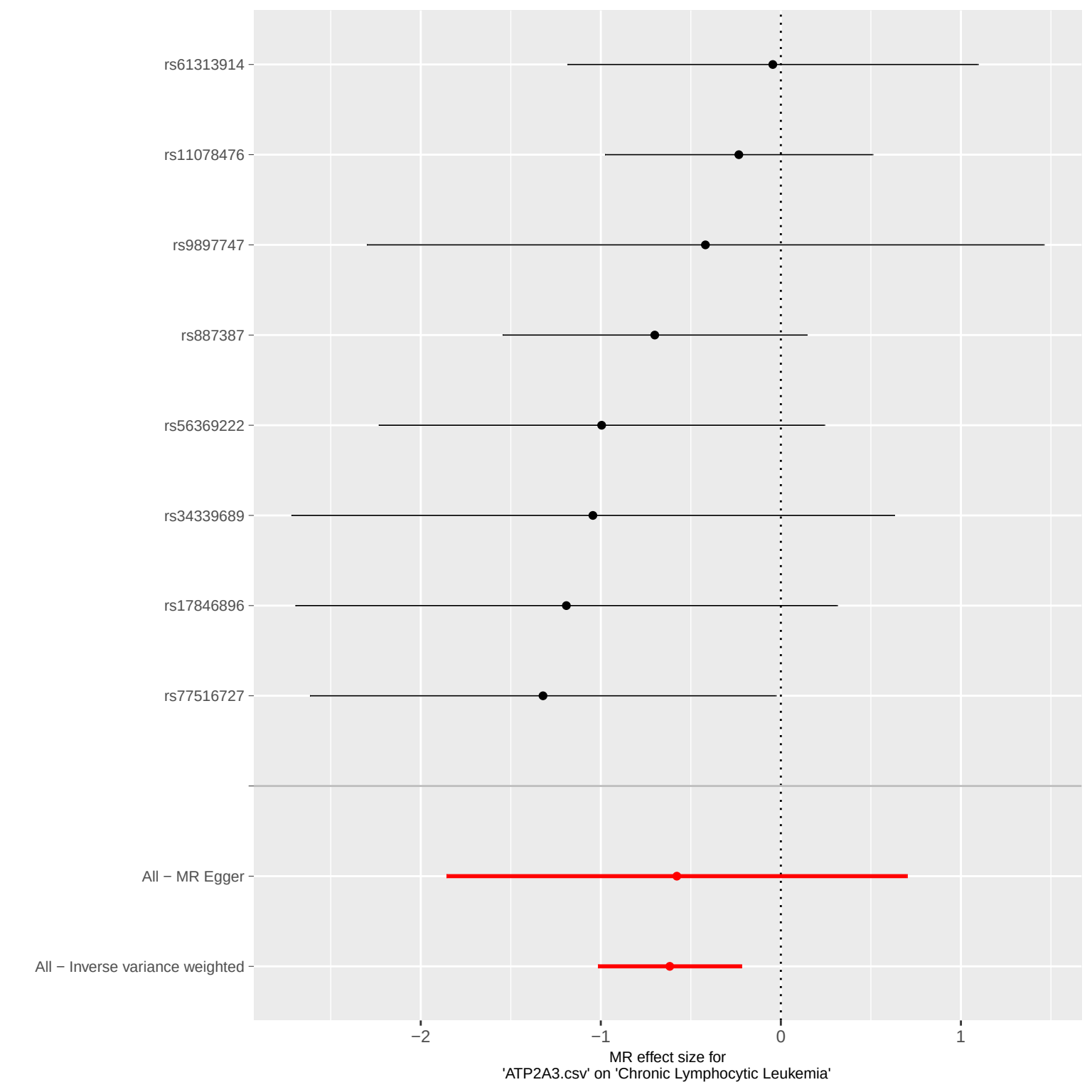
MR effect size for
'ATP1B2.csv' on 'Chronic Lymphocytic Leukemia'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rs9897747
rs887387
rs56369222
rs34339689
rs17846896
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All − MR Egger
All − Inverse variance weighted
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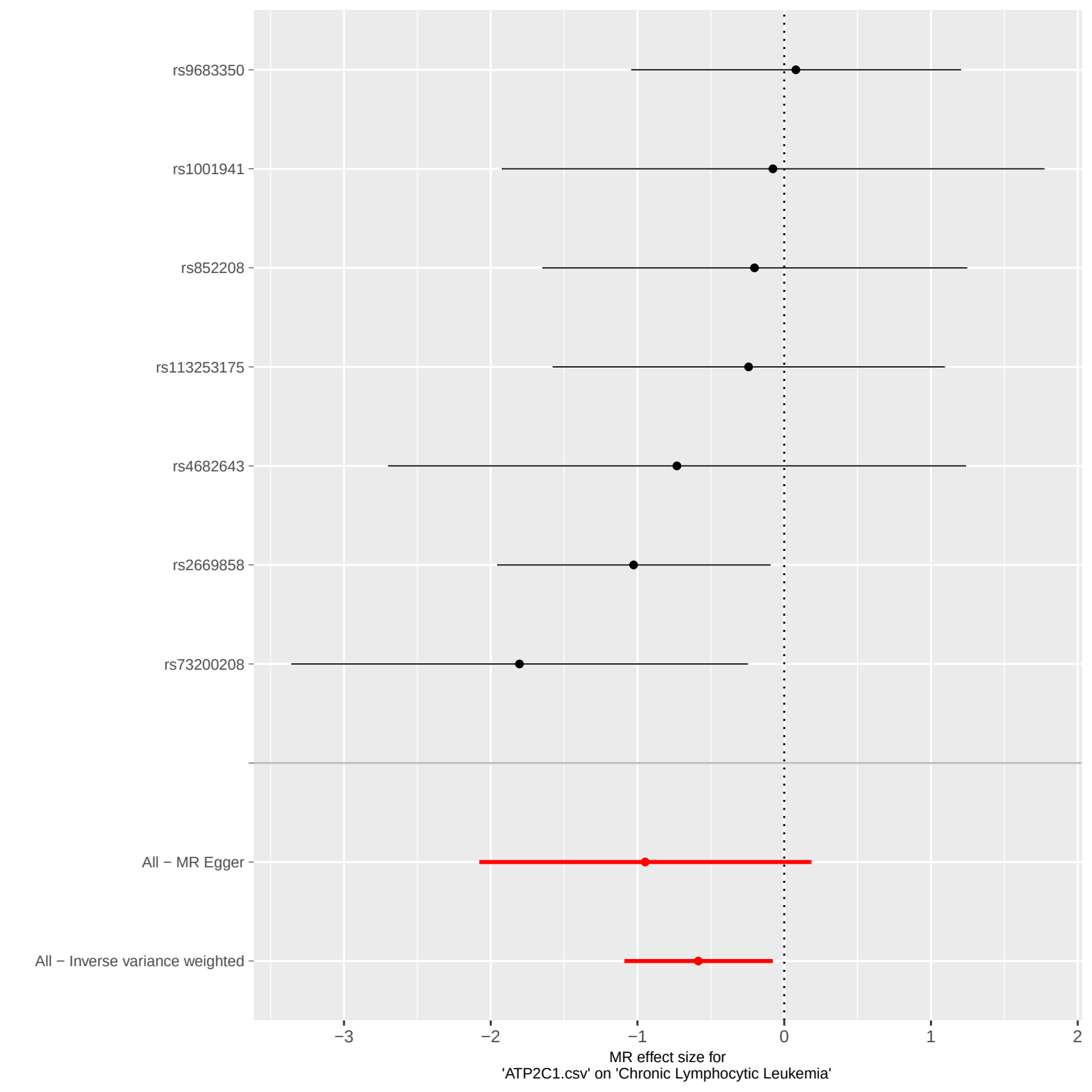
−1
0
1
MR effect size for
'ATP2A3.csv' on 'Chronic Lymphocytic Leukemia'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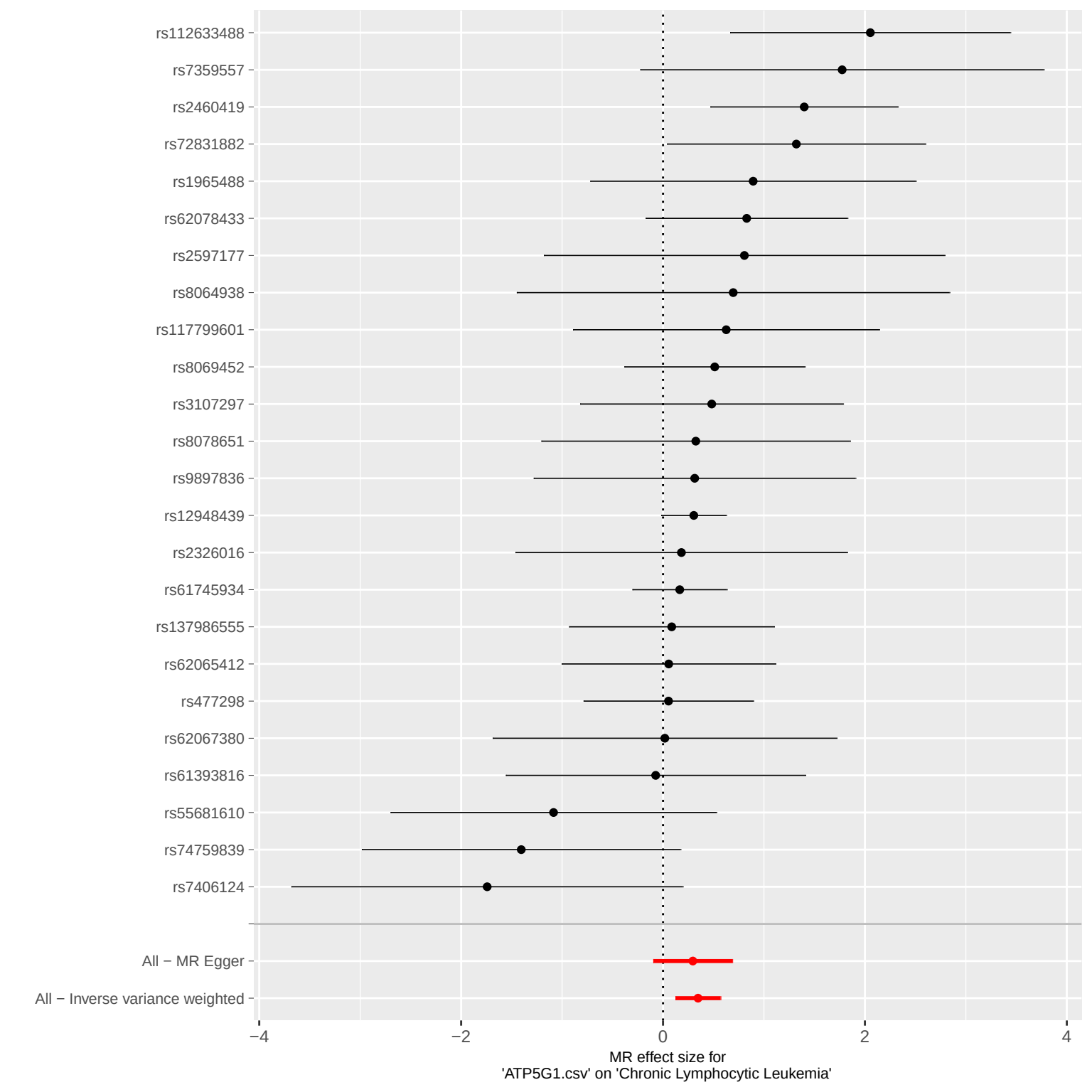
rs852208
rs113253175
rs4682643
rs2669858
rs73200208
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ATP2C1.csv' on 'Chronic Lymphocytic Leukemia'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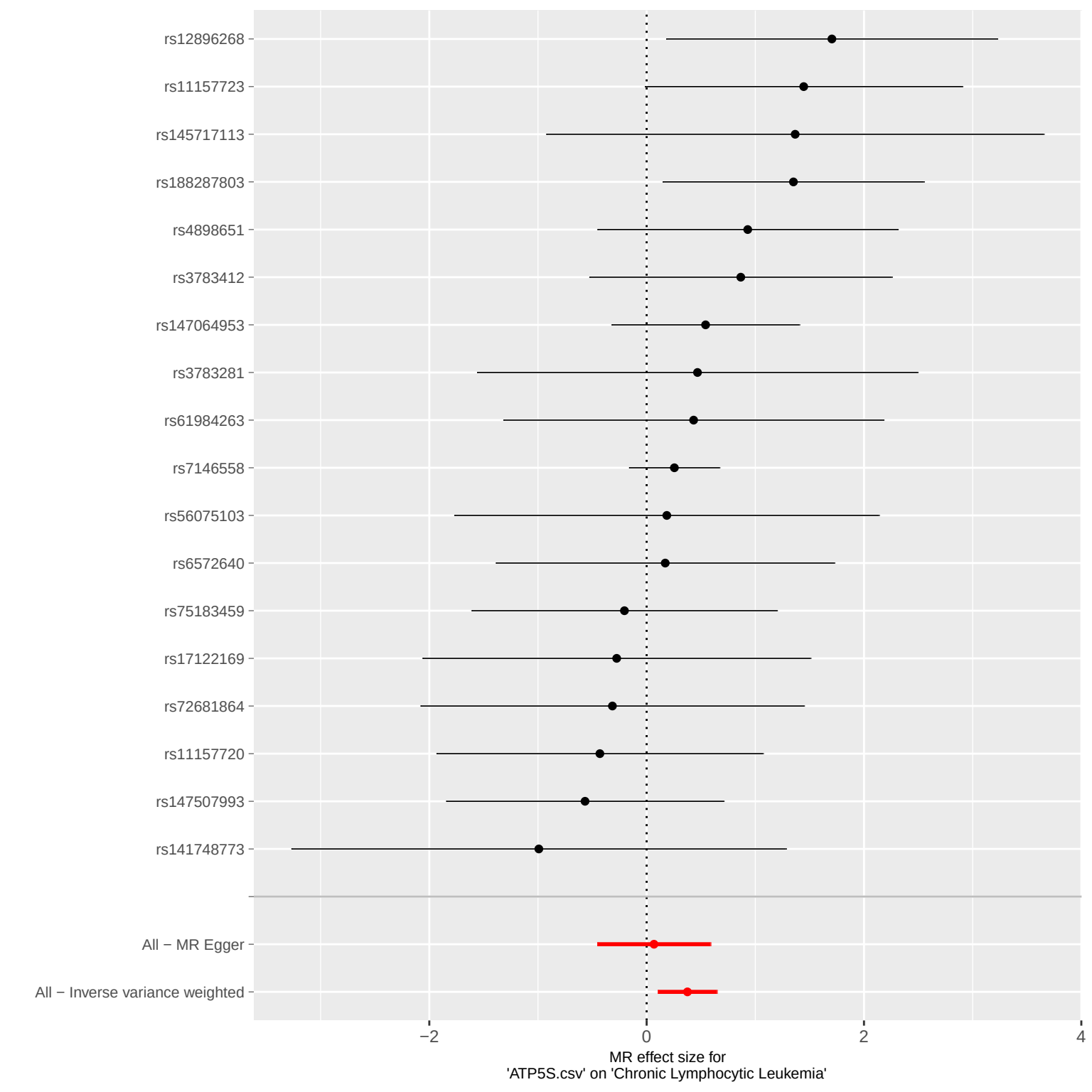
rs2326016
rs61745934
rs137986555
rs62065412
rs477298
rs62067380
rs61393816
rs55681610
rs74759839
rs7406124
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ATP5G1.csv' on 'Chronic Lymphocytic Leukemia'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rs17122169
rs72681864
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All − MR Egger
All − Inverse variance weighted
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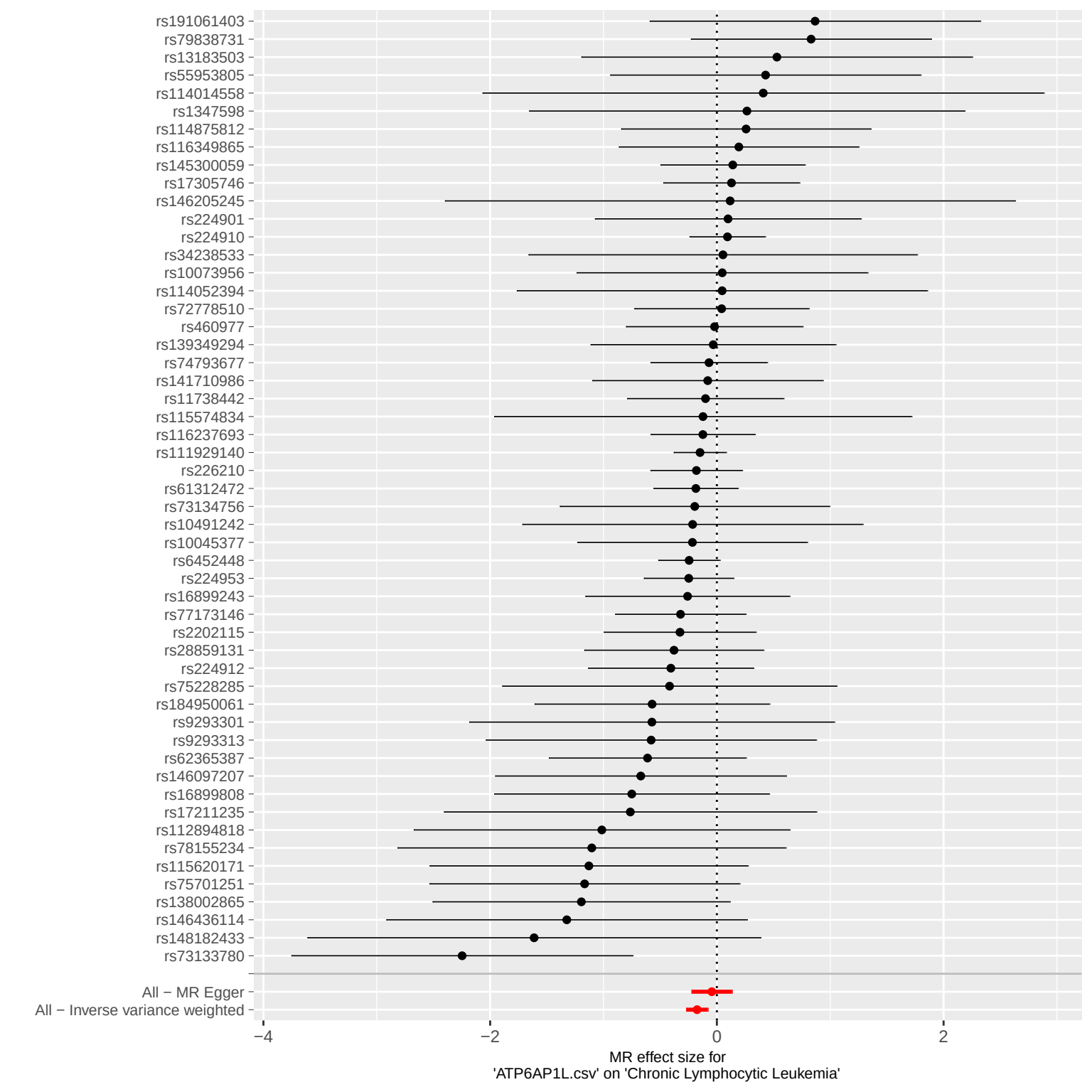
MR effect size for
'ATP5S.csv' on 'Chronic Lymphocytic Leukemia'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rs78155234
rs115620171
rs75701251
rs138002865
rs146436114
rs148182433
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All − MR Egger
All − Inverse variance weighted
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−2
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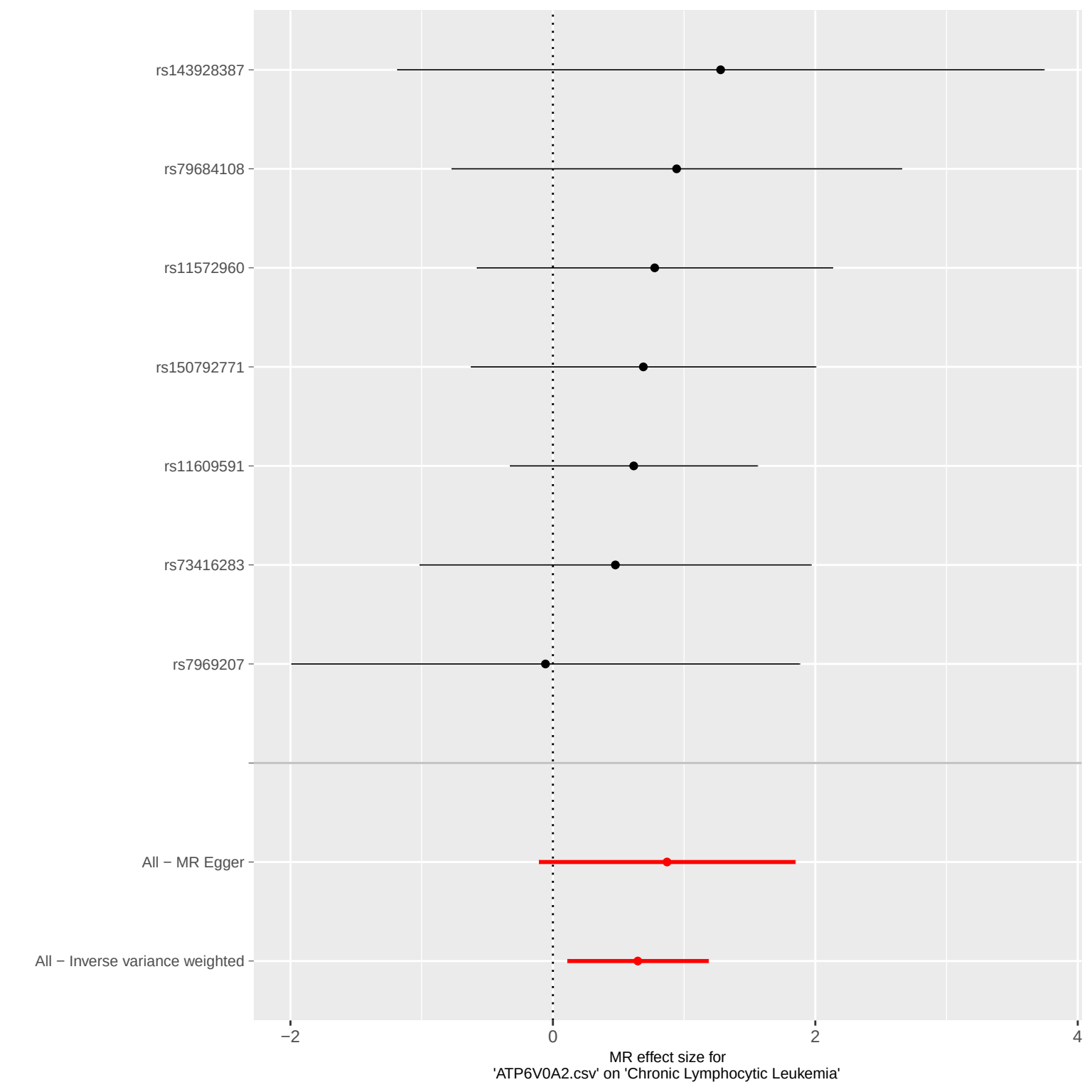
MR effect size for
'ATP6AP1L.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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2
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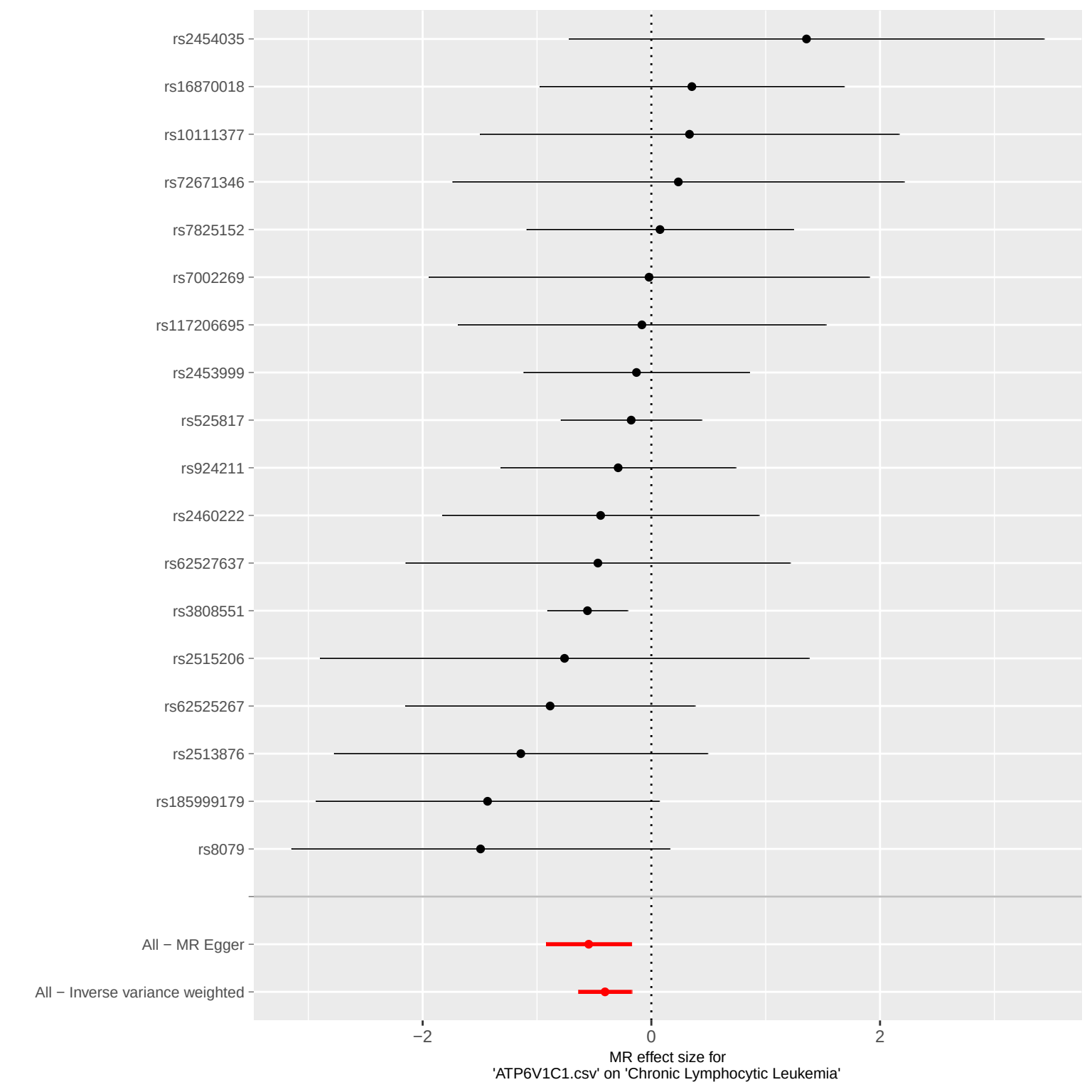
MR effect size for
'ATP6V0A2.csv' on 'Chronic Lymphocytic Leukemia'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rs3808551
rs2515206
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All − MR Egger
All − Inverse variance weighted
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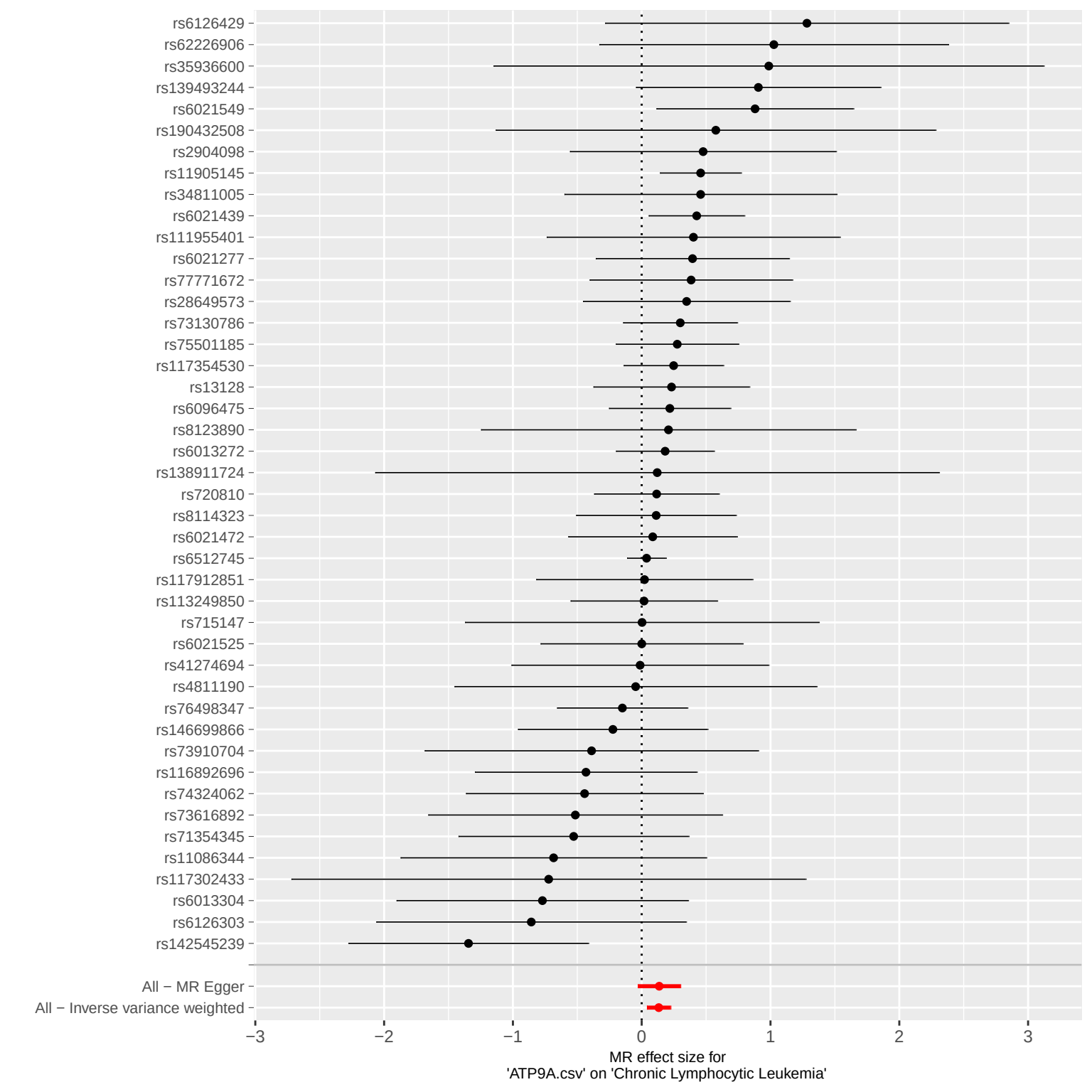
MR effect size for
'ATP6V1C1.csv' on 'Chronic Lymphocytic Leukemia'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rs116892696
rs74324062
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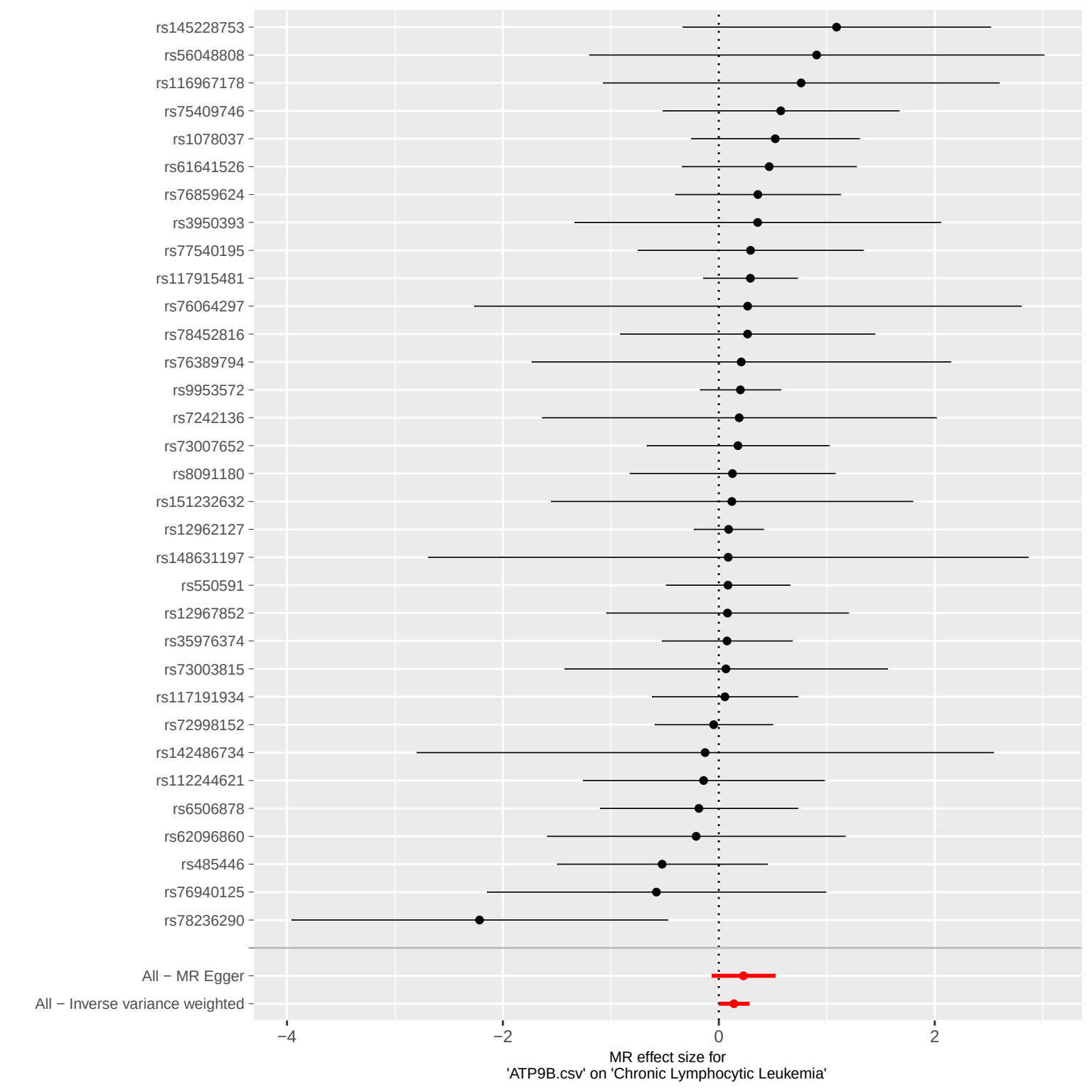
rs117302433
rs6013304
rs6126303
rs142545239
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'ATP9A.csv' on 'Chronic Lymphocytic Leukemia'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rs12967852
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rs73003815
rs117191934
rs72998152
rs142486734
rs112244621
rs6506878
rs62096860
rs485446
rs76940125
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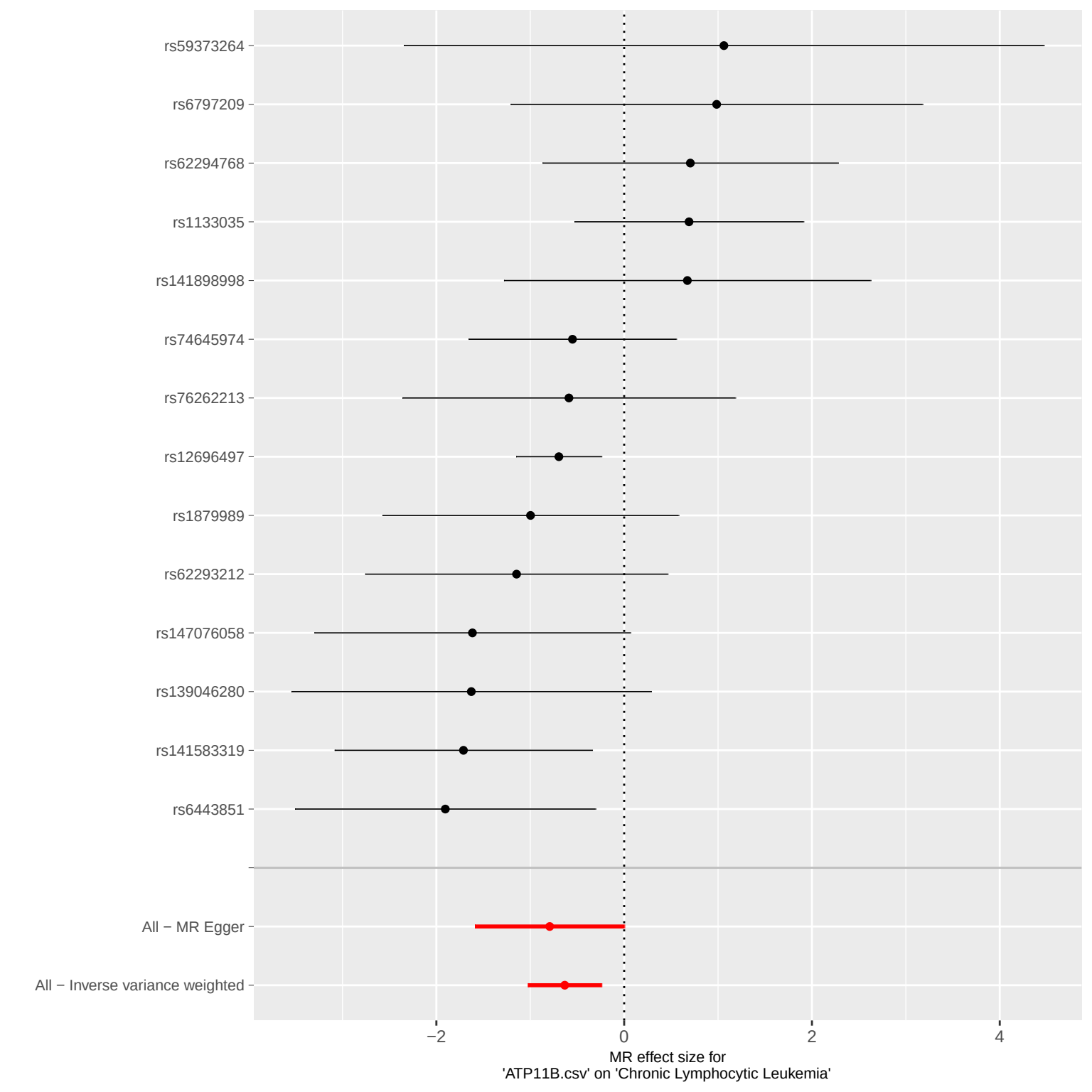
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ATP9B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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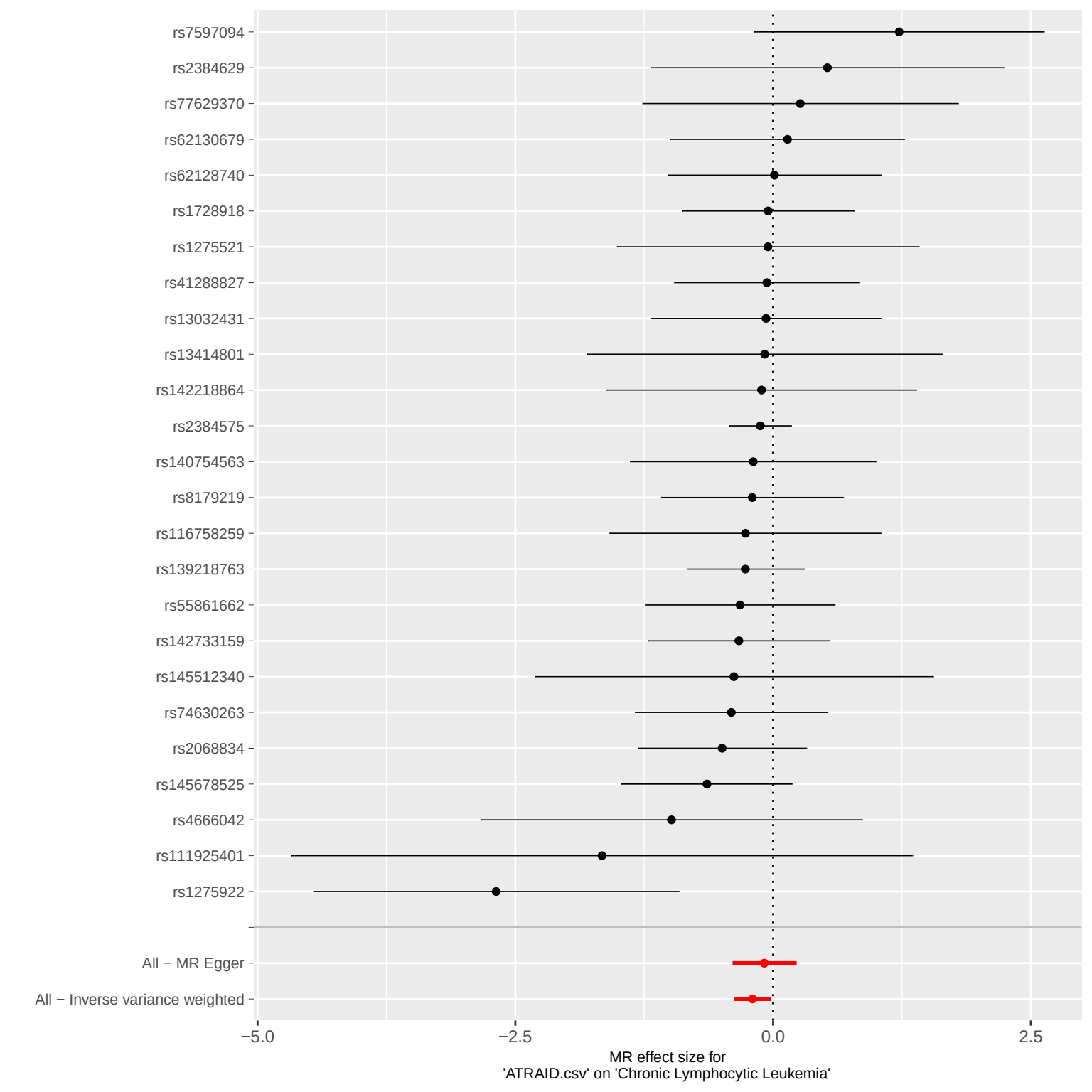
MR effect size for
'ATP11B.csv' on 'Chronic Lymphocytic Leukemia'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rs4666042
rs111925401
rs1275922
All − MR Egger
All − Inverse variance weighted
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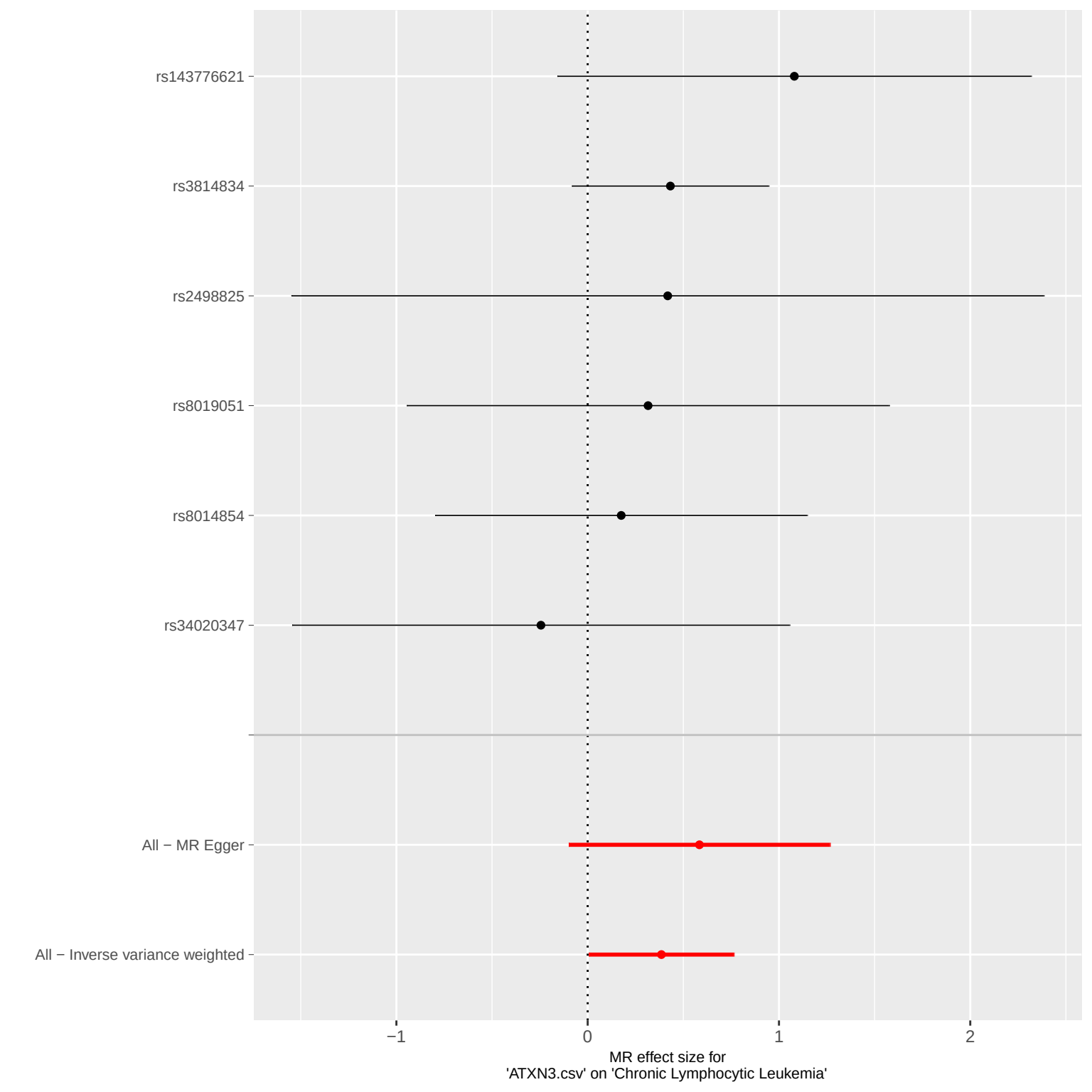
−2.5
0.0
2.5
MR effect size for
'ATRAID.csv' on 'Chronic Lymphocytic Leukemia'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rs3814834
rs2498825
rs8019051
rs8014854
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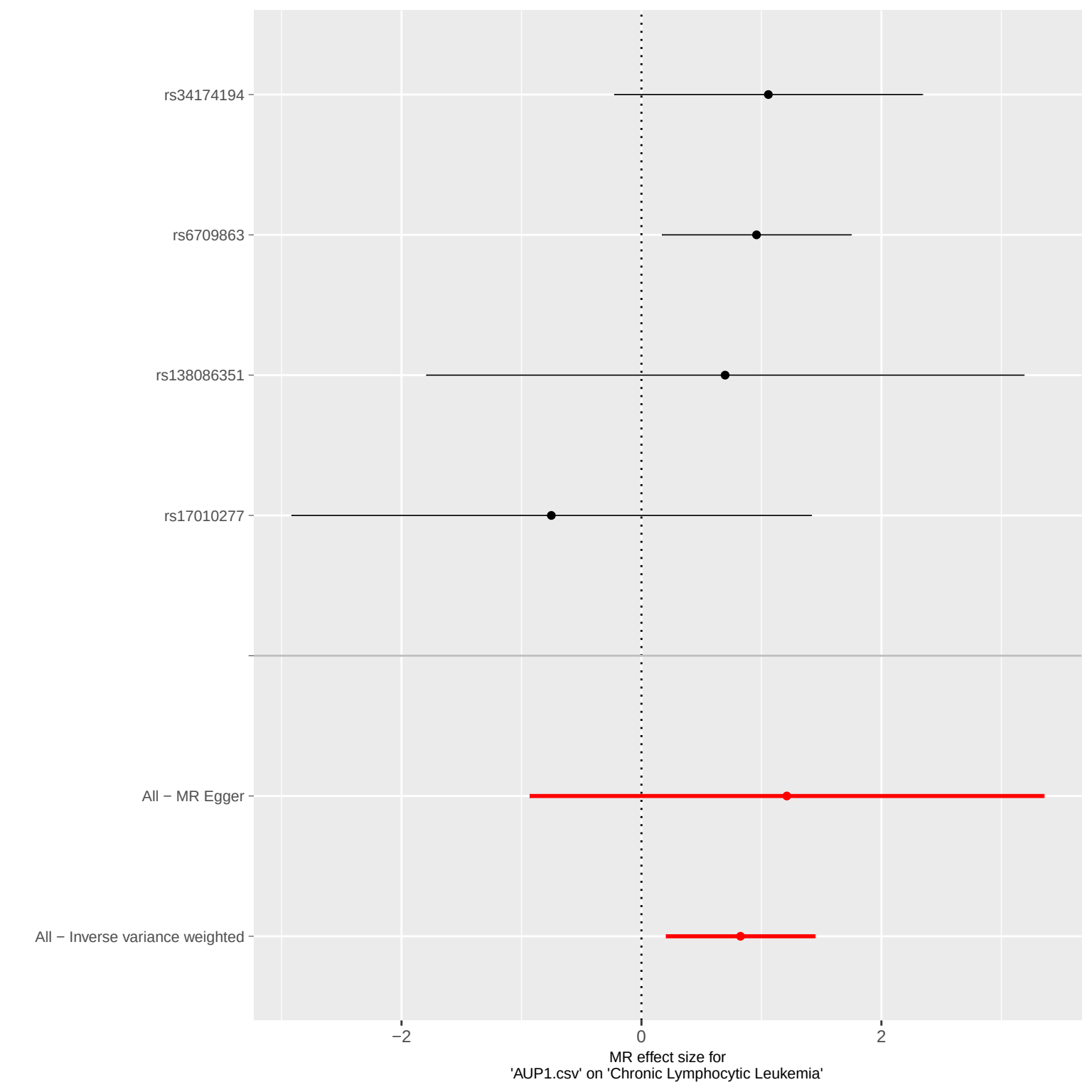
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'ATXN3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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2
MR effect size for
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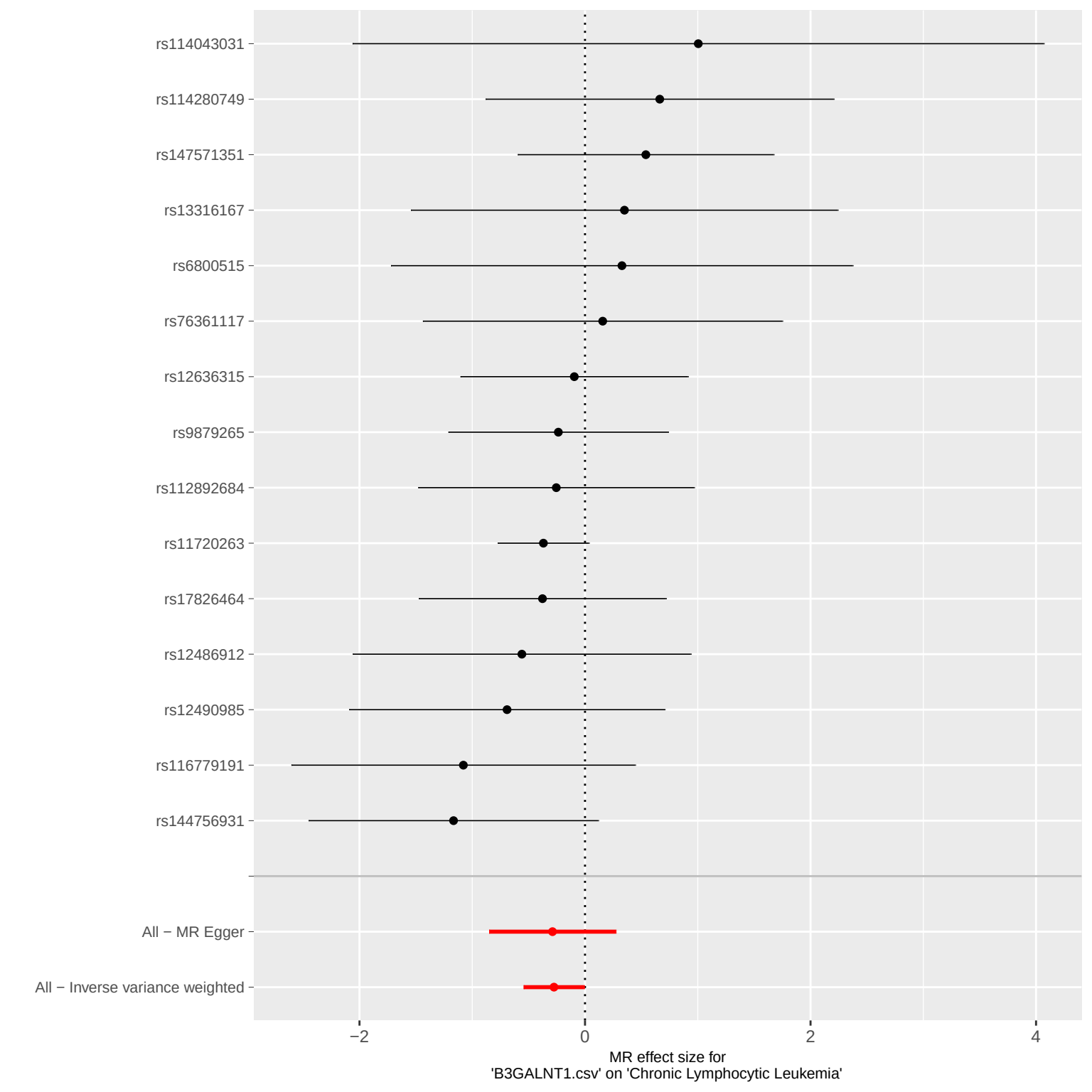
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rs11720263
rs17826464
rs12486912
rs12490985
rs116779191
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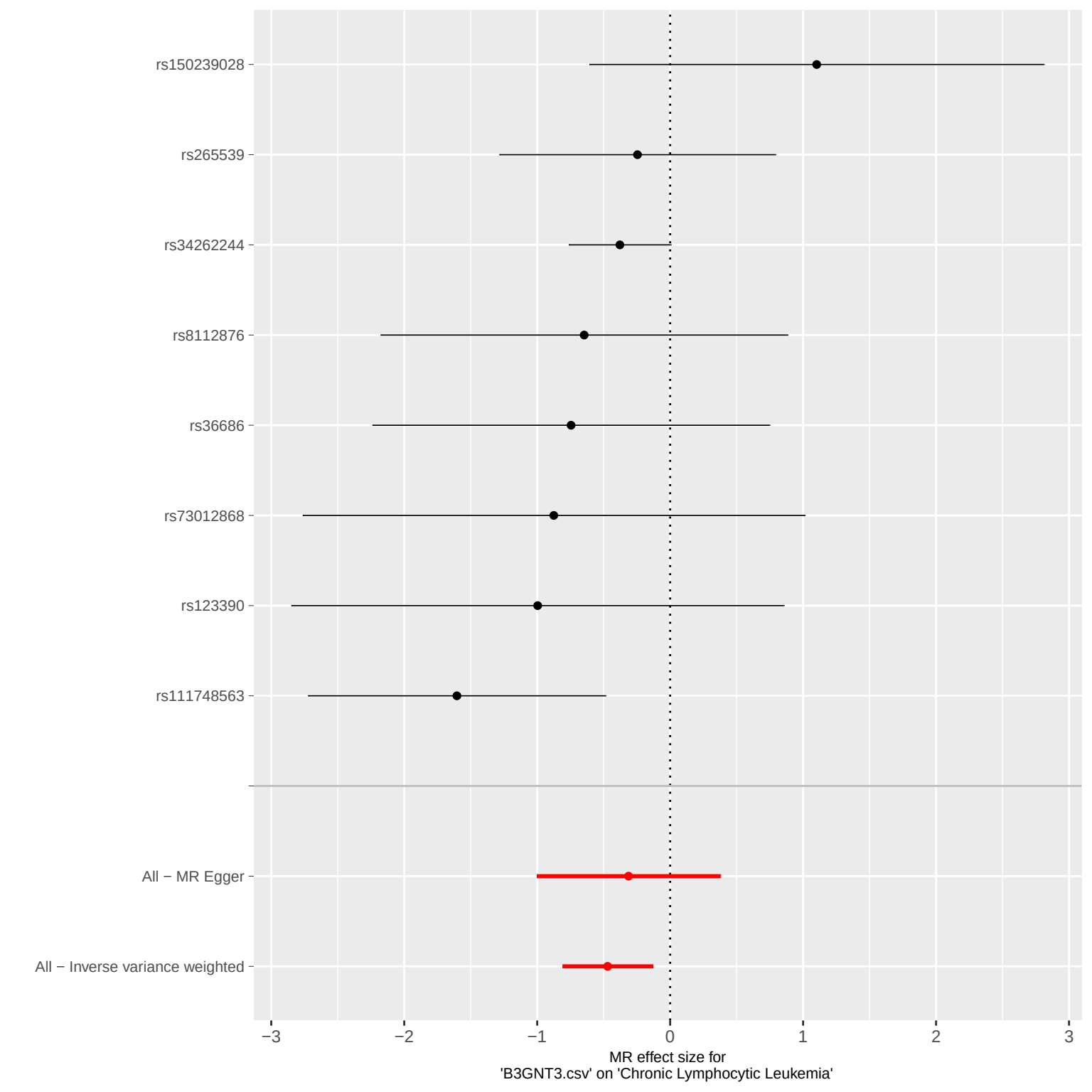
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'B3GALNT1.csv' on 'Chronic Lymphocytic Leukemia'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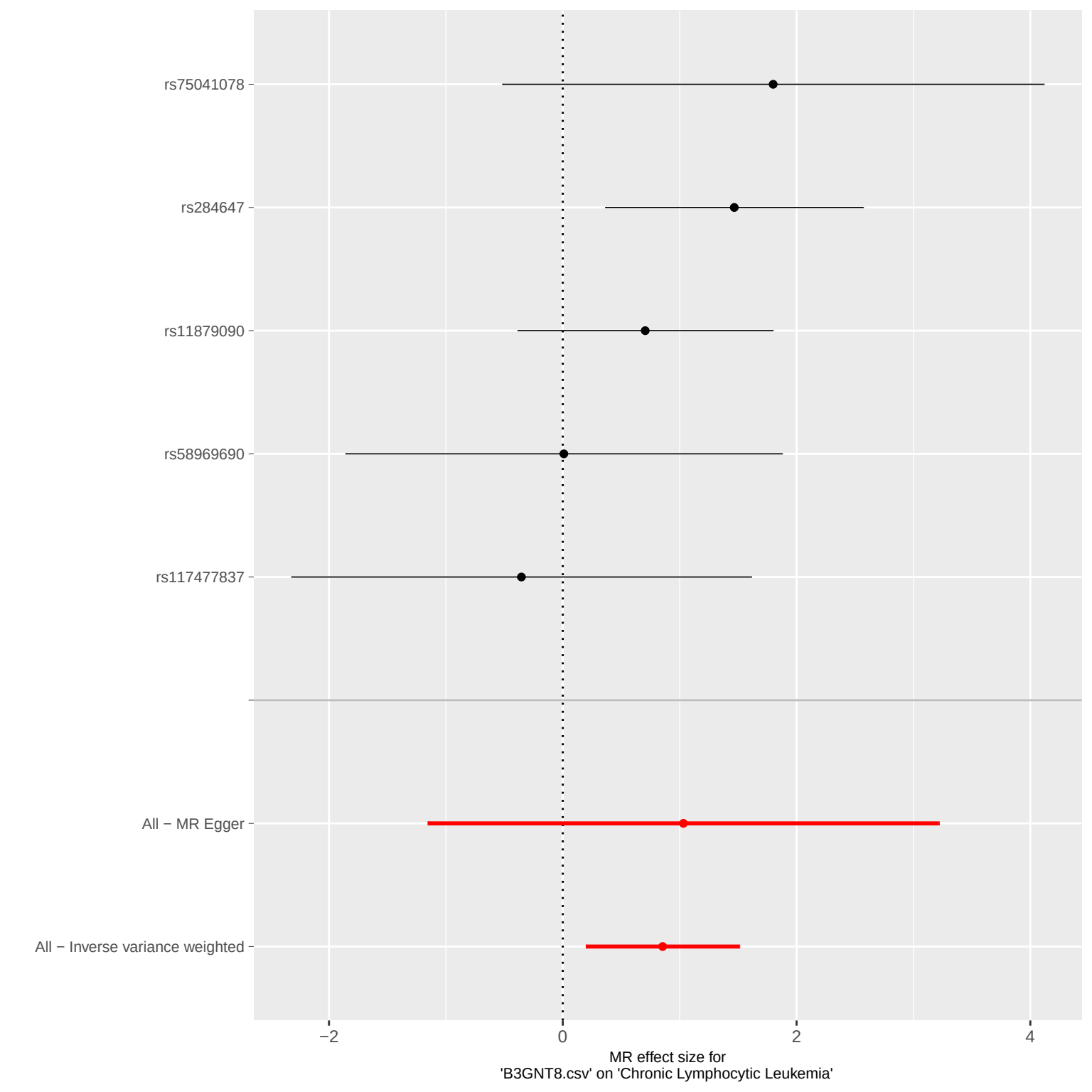
rs36686
rs73012868
rs123390
rs111748563
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'B3GNT3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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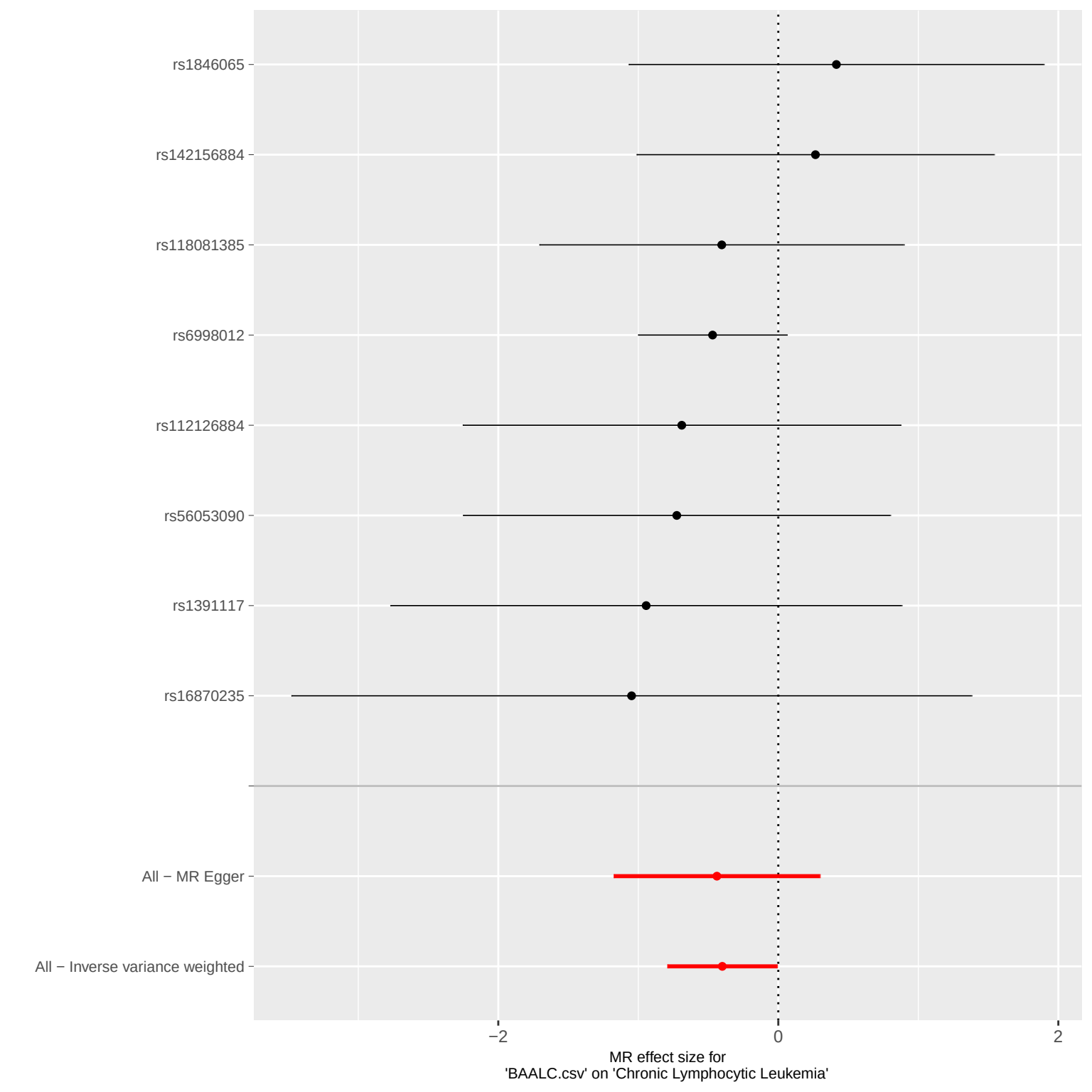
4
MR effect size for
'B3GNT8.csv' on 'Chronic Lymphocytic Leukemia'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rs6998012
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rs56053090
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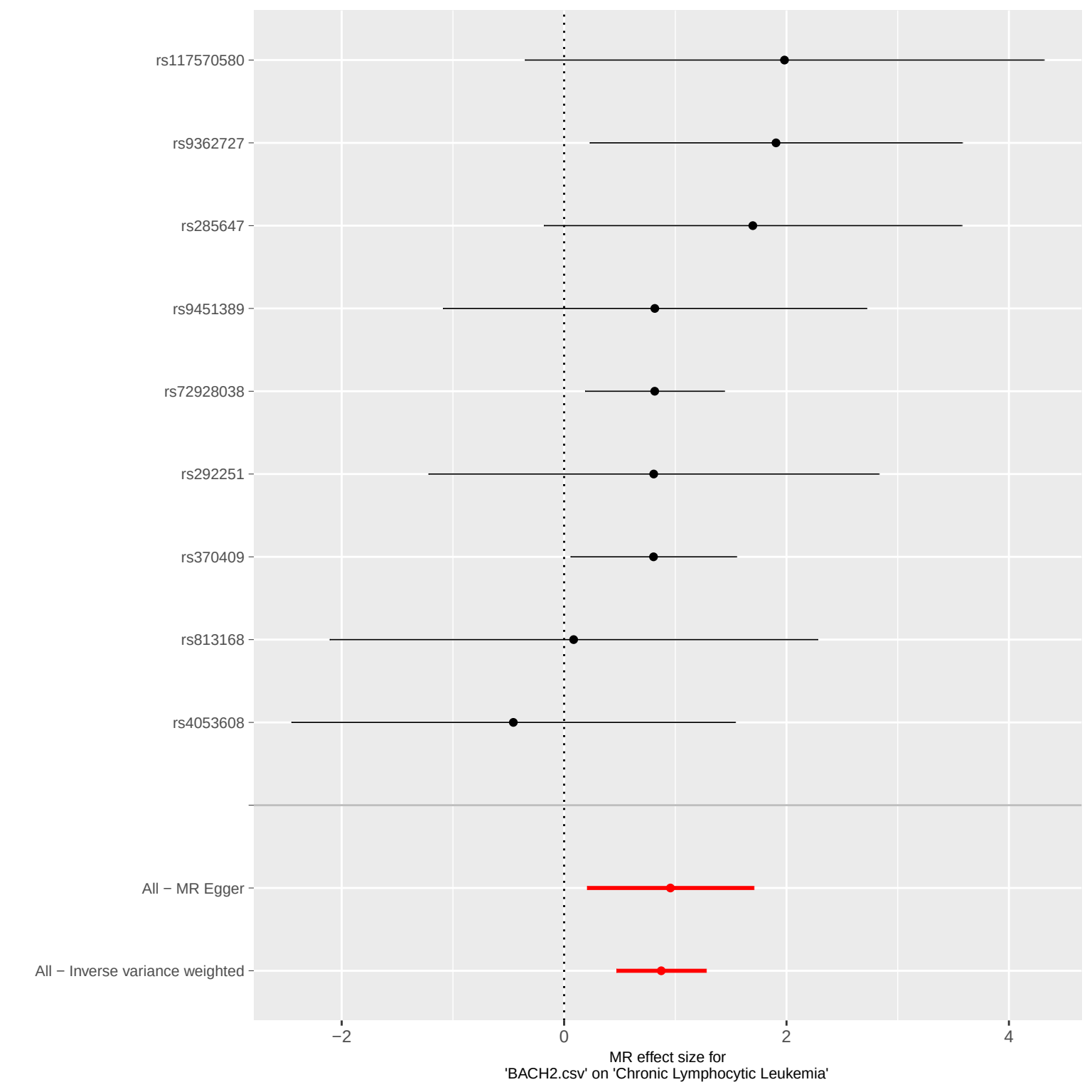
rs16870235
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'BAALC.csv' on 'Chronic Lymphocytic Leukemia'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rs292251
rs370409
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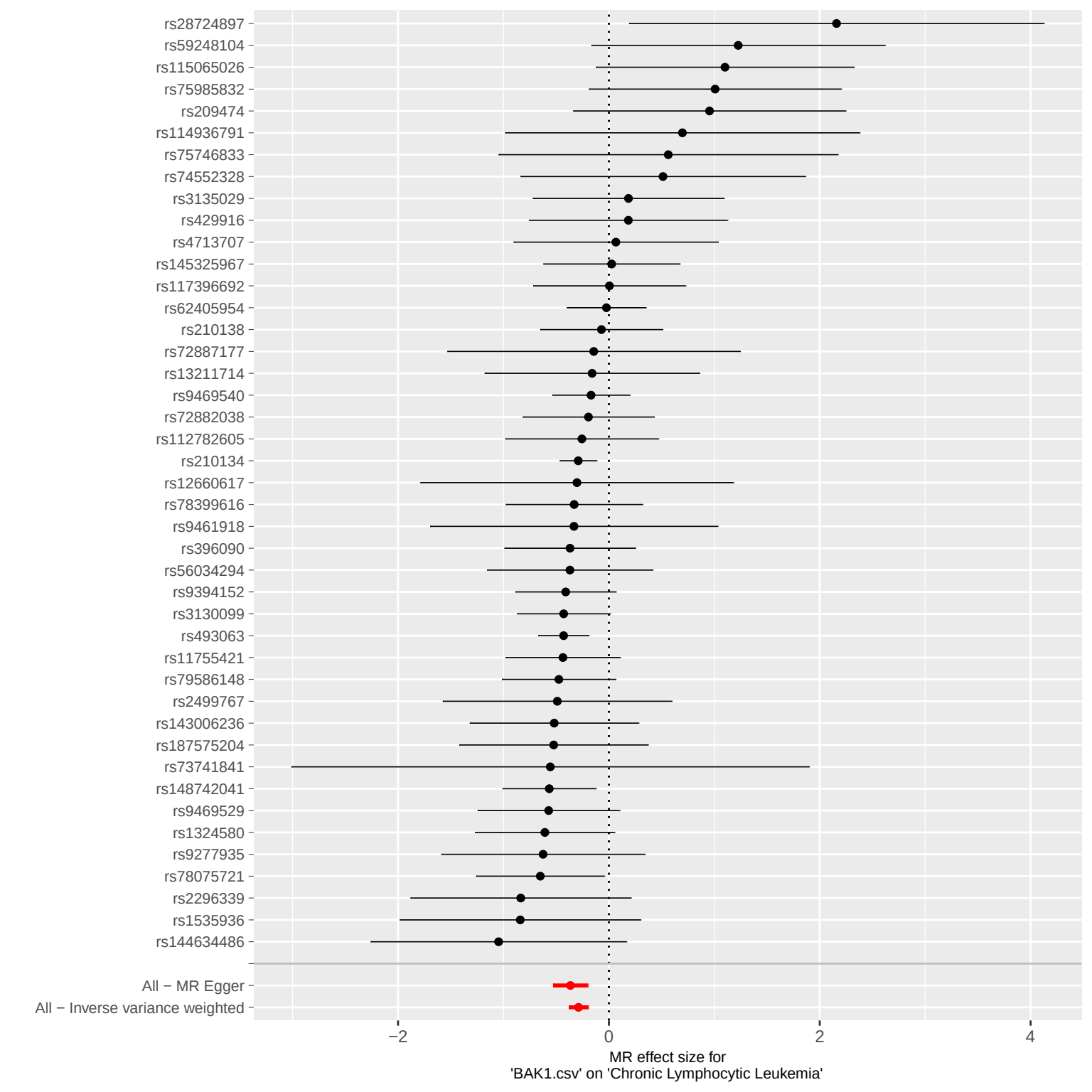
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'BACH2.csv' on 'Chronic Lymphocytic Leukemia'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rs2296339
rs1535936
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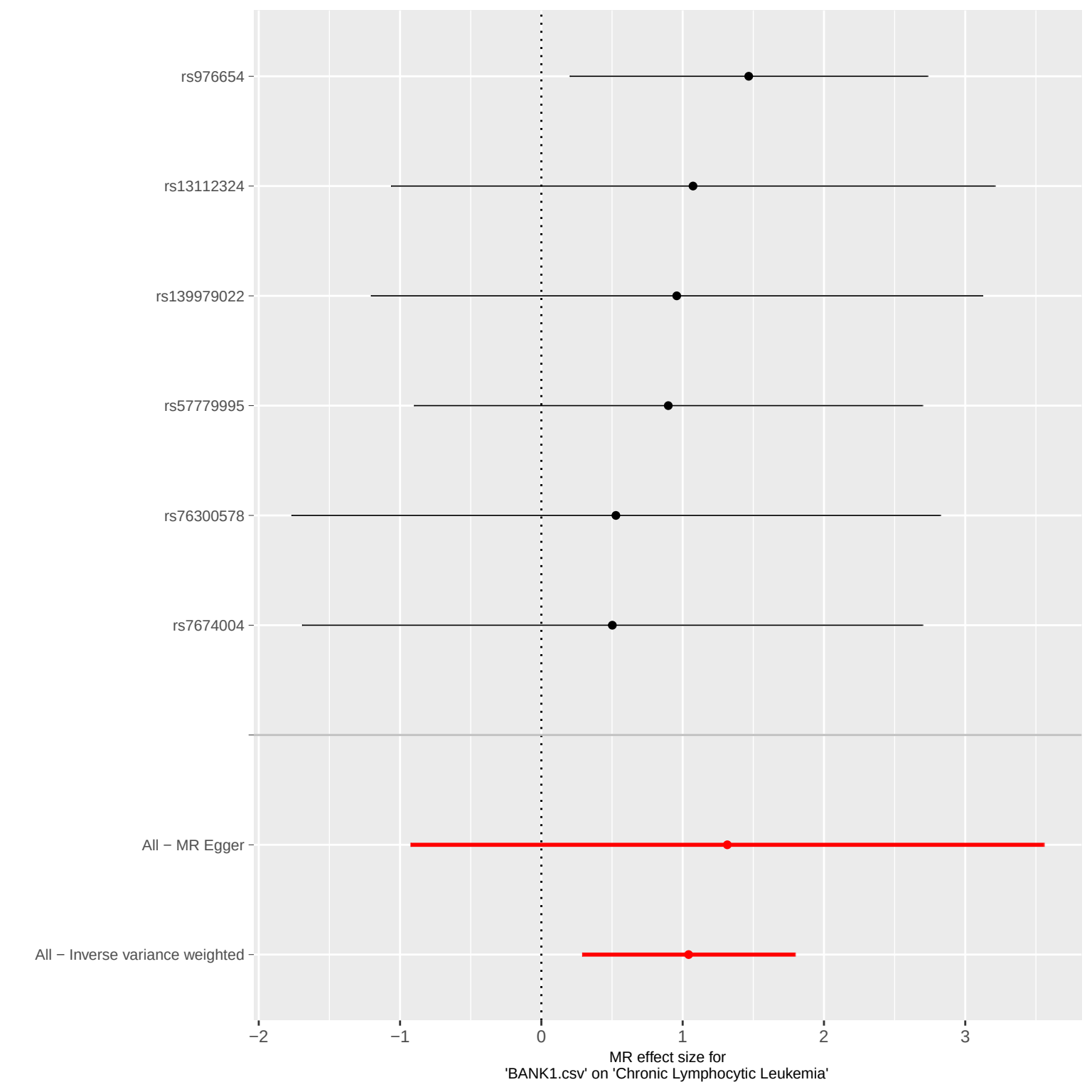
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'BAK1.csv' on 'Chronic Lymphocytic Leukemia'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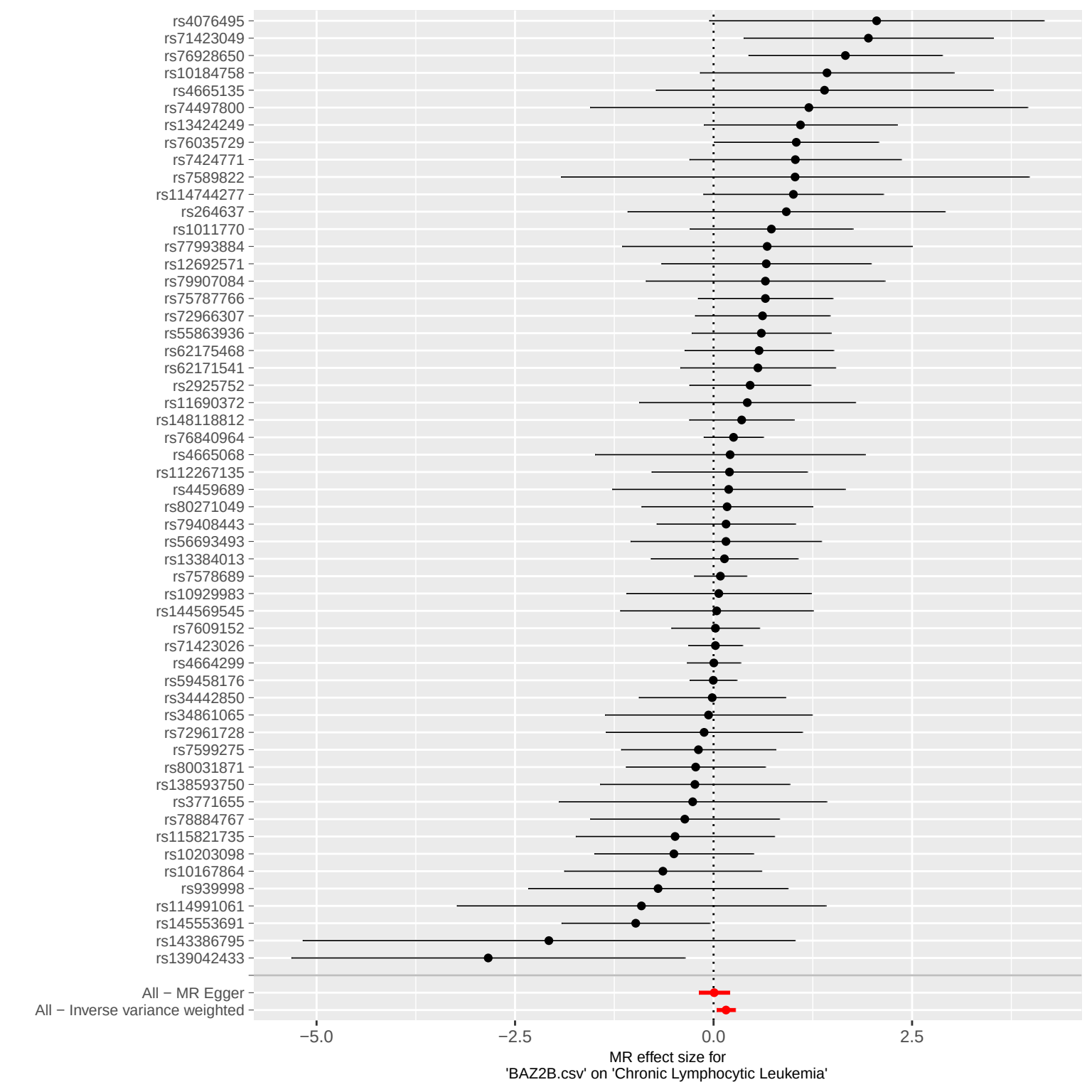
rs7674004
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'BANK1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2.5
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2.5
MR effect size for
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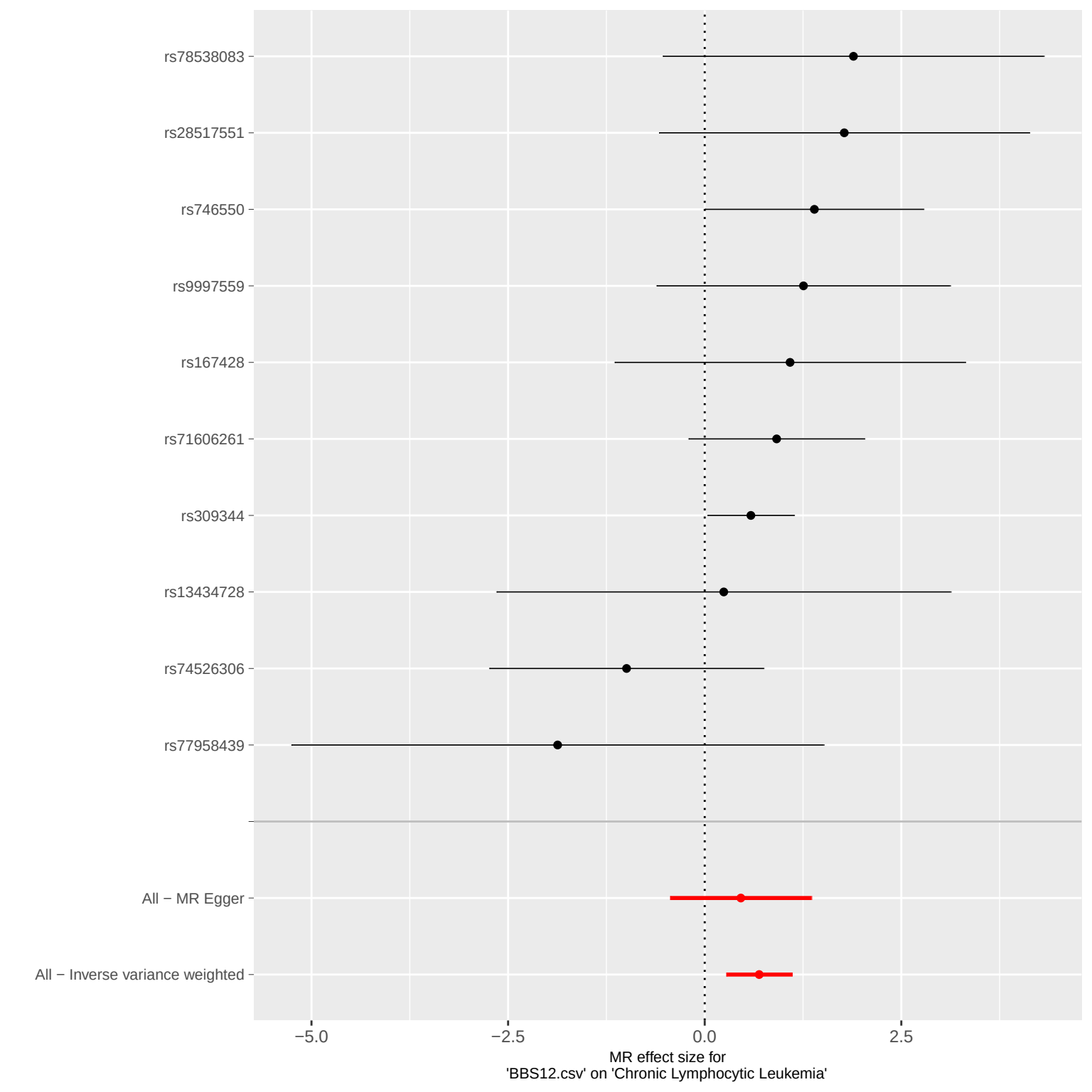
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rs77958439
All − MR Egger
All − Inverse variance weighted
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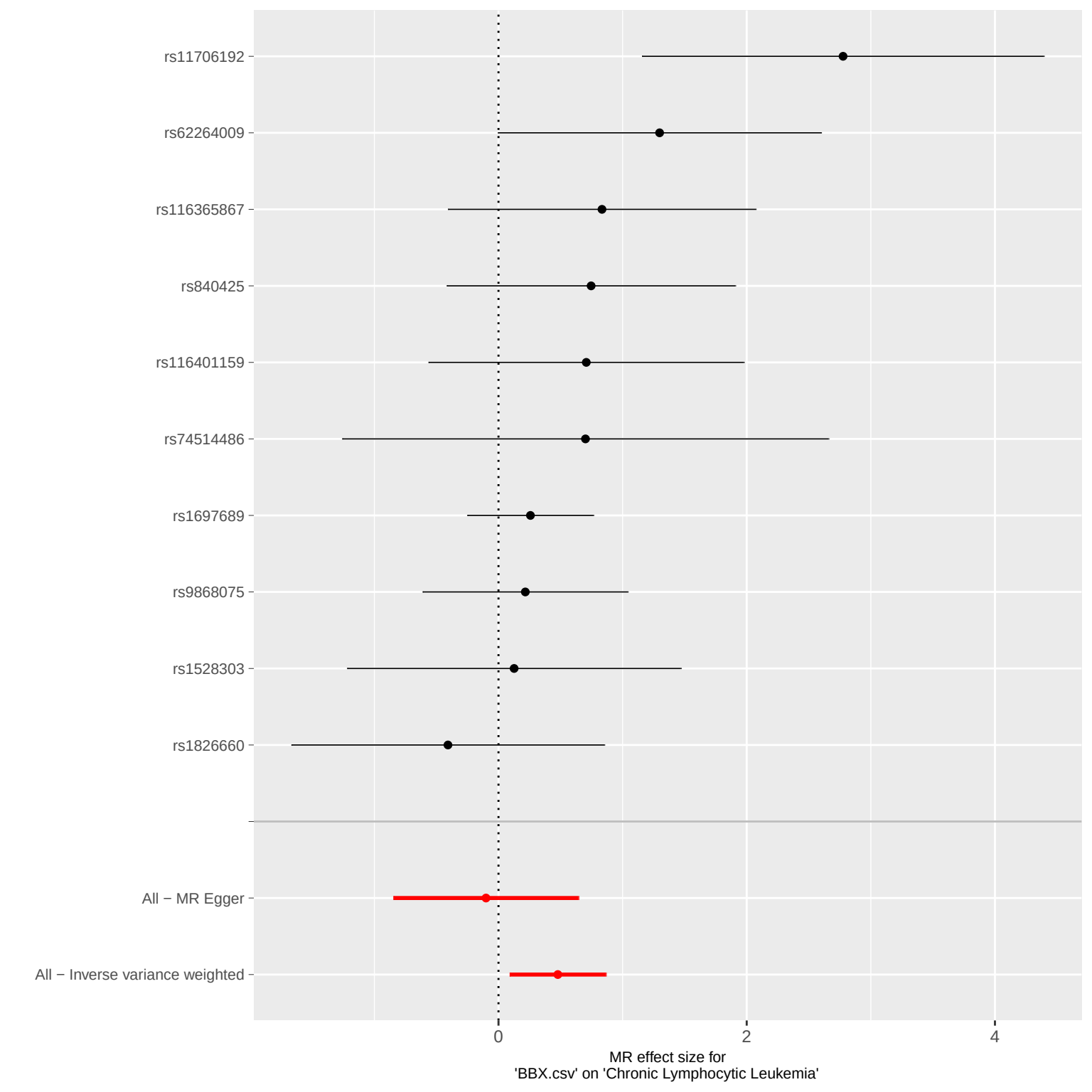
2.5
MR effect size for
'BBS12.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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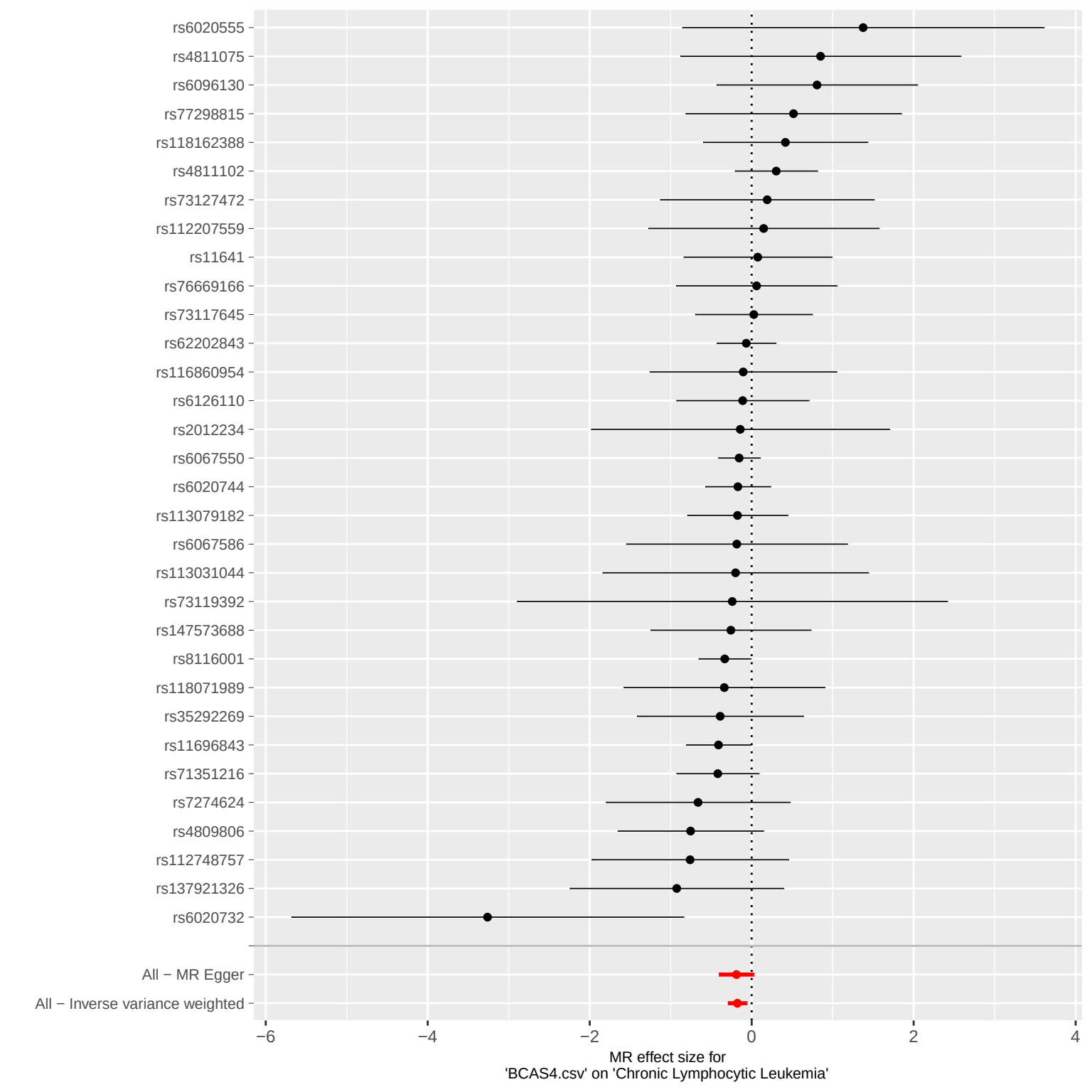
2
4
MR effect size for
'BBX.csv' on 'Chronic Lymphocytic Leukemia'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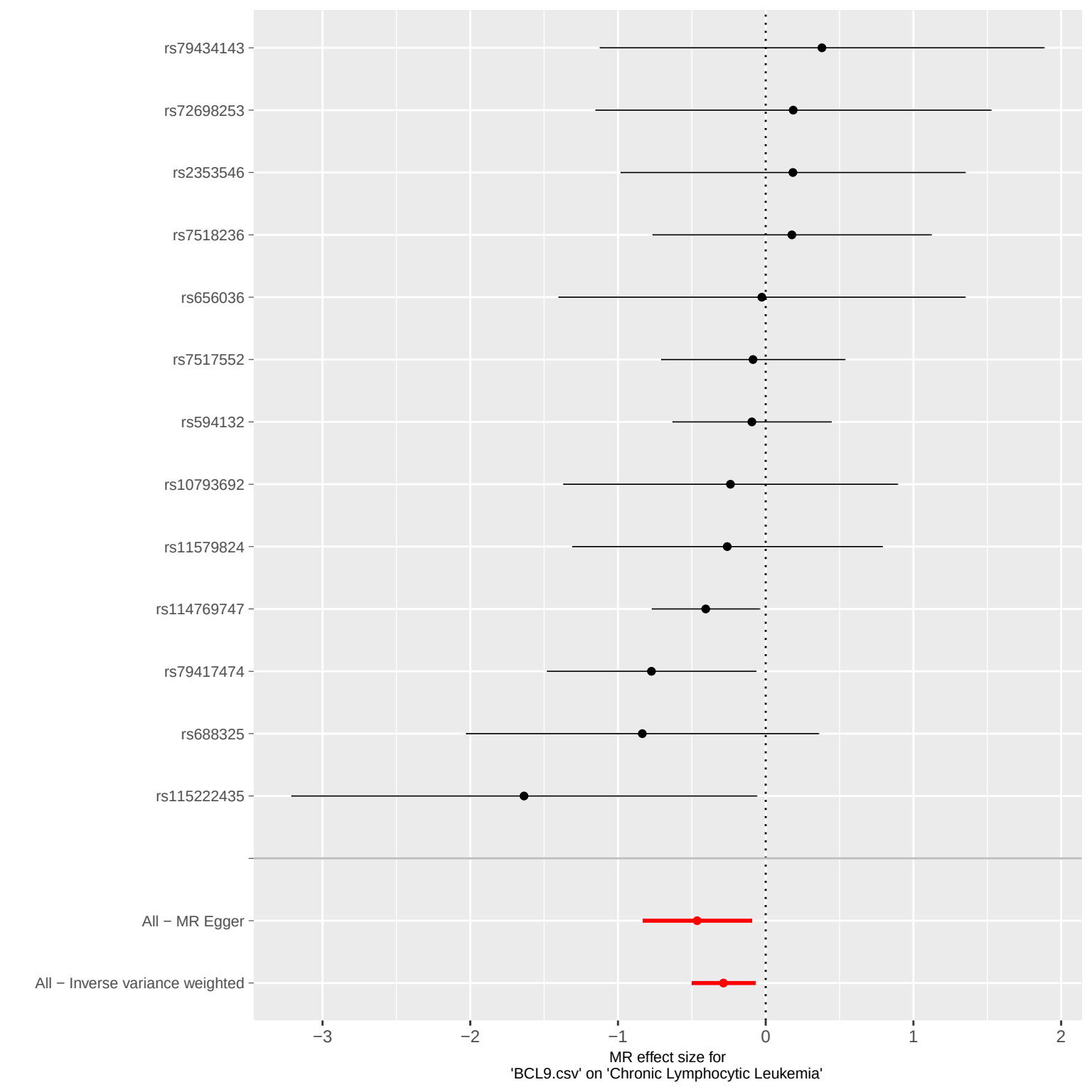
rs73119392
rs147573688
rs8116001
rs118071989
rs35292269
rs11696843
rs71351216
rs7274624
rs4809806
rs112748757
rs137921326
rs6020732
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'BCAS4.csv' on 'Chronic Lymphocytic Leukemia'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rs79417474
rs688325
rs115222435
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
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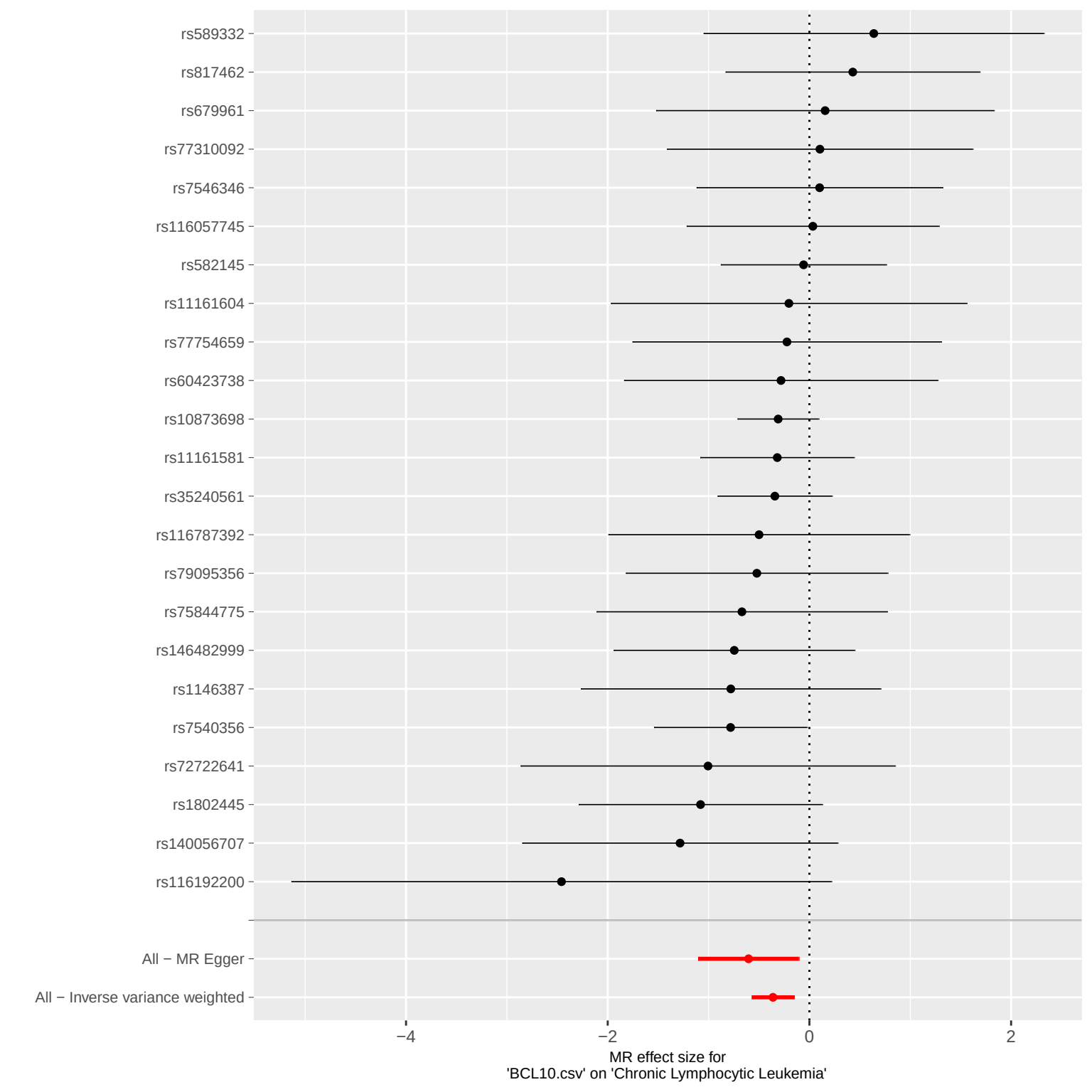
MR effect size for
'BCL9.csv' on 'Chronic Lymphocytic Leukemia'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rs7540356
rs72722641
rs1802445
rs140056707
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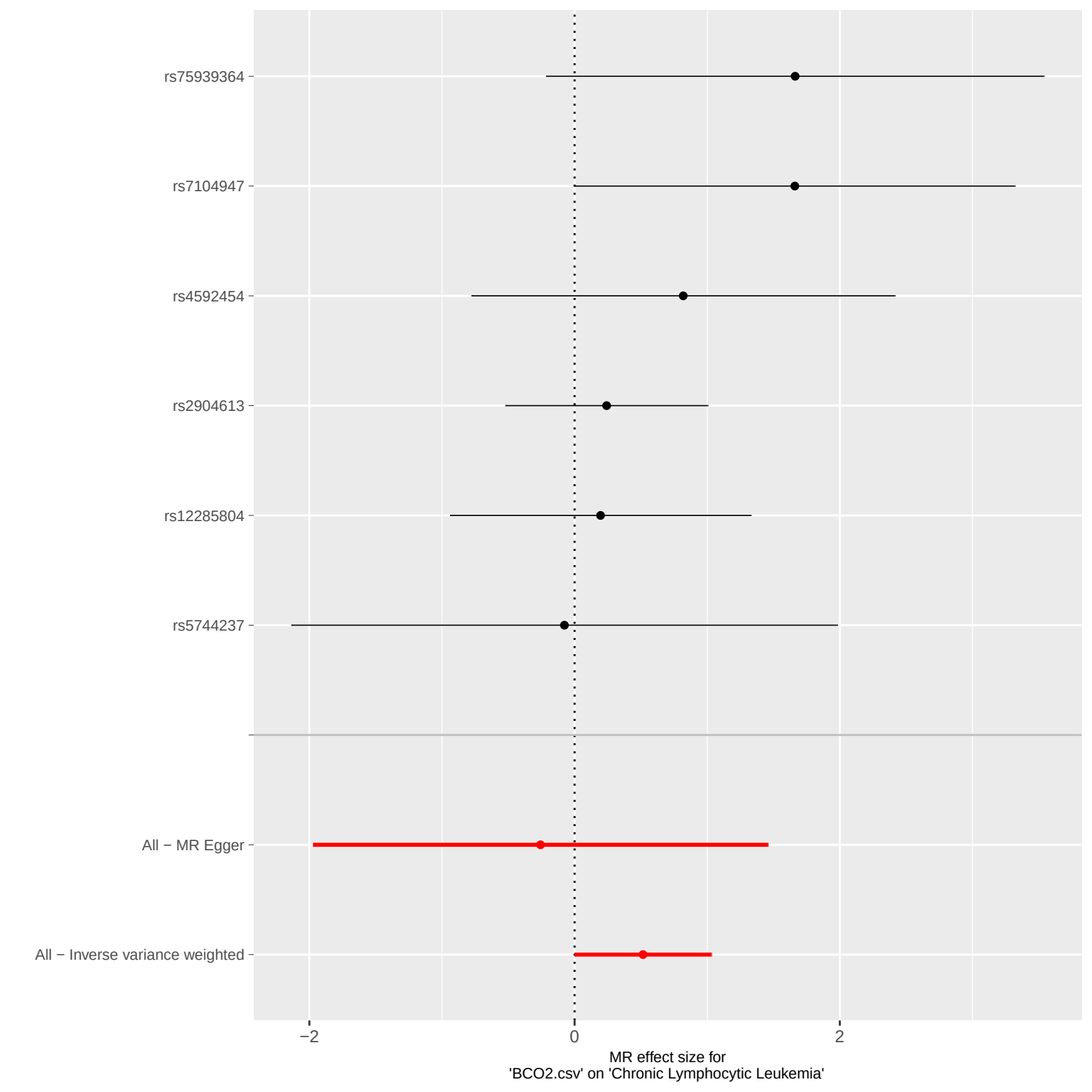
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'BCL10.csv' on 'Chronic Lymphocytic Leukemia'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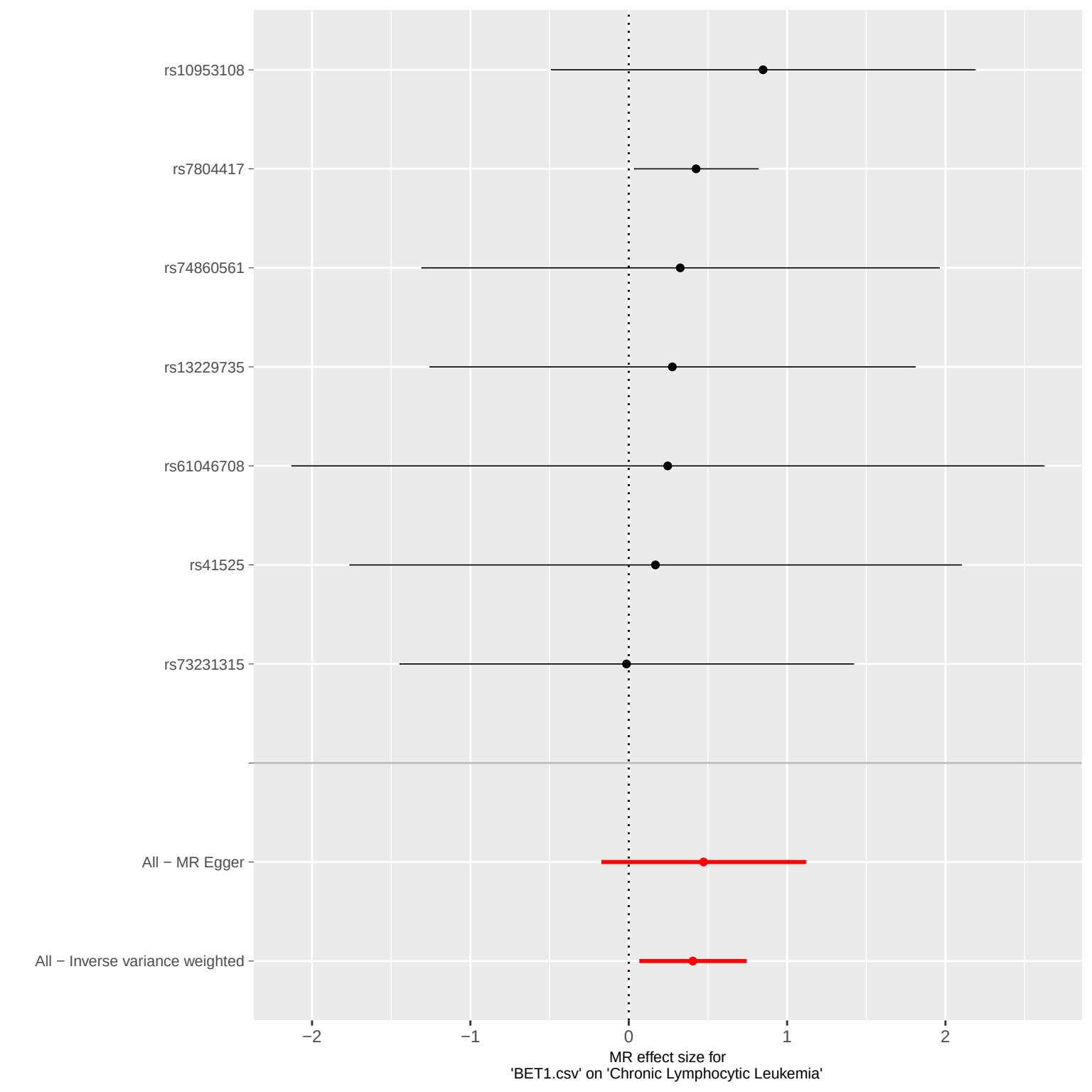
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'BCO2.csv' on 'Chronic Lymphocytic Leukemia'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rs41525
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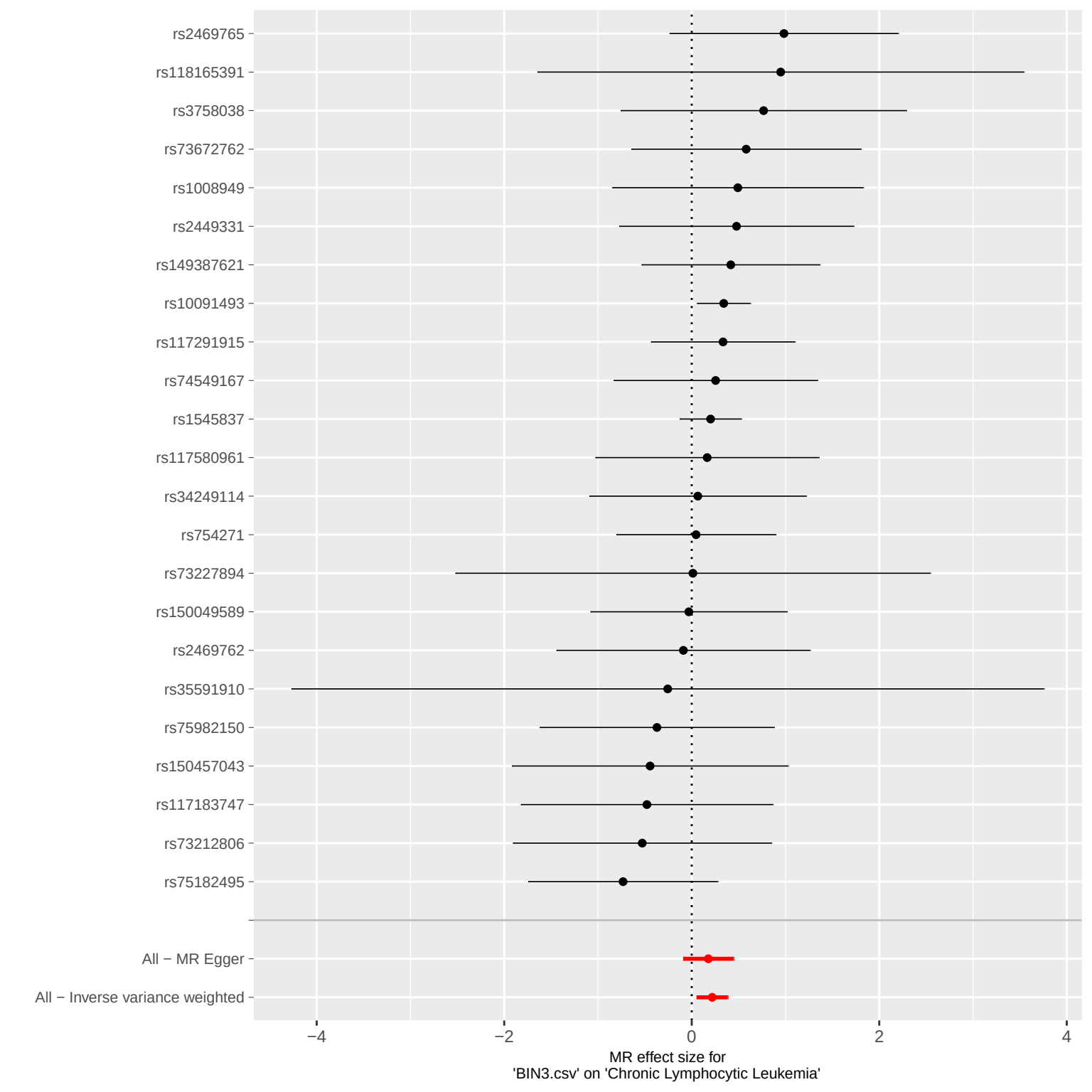
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'BET1.csv' on 'Chronic Lymphocytic Leukemia'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rs75982150
rs150457043
rs117183747
rs73212806
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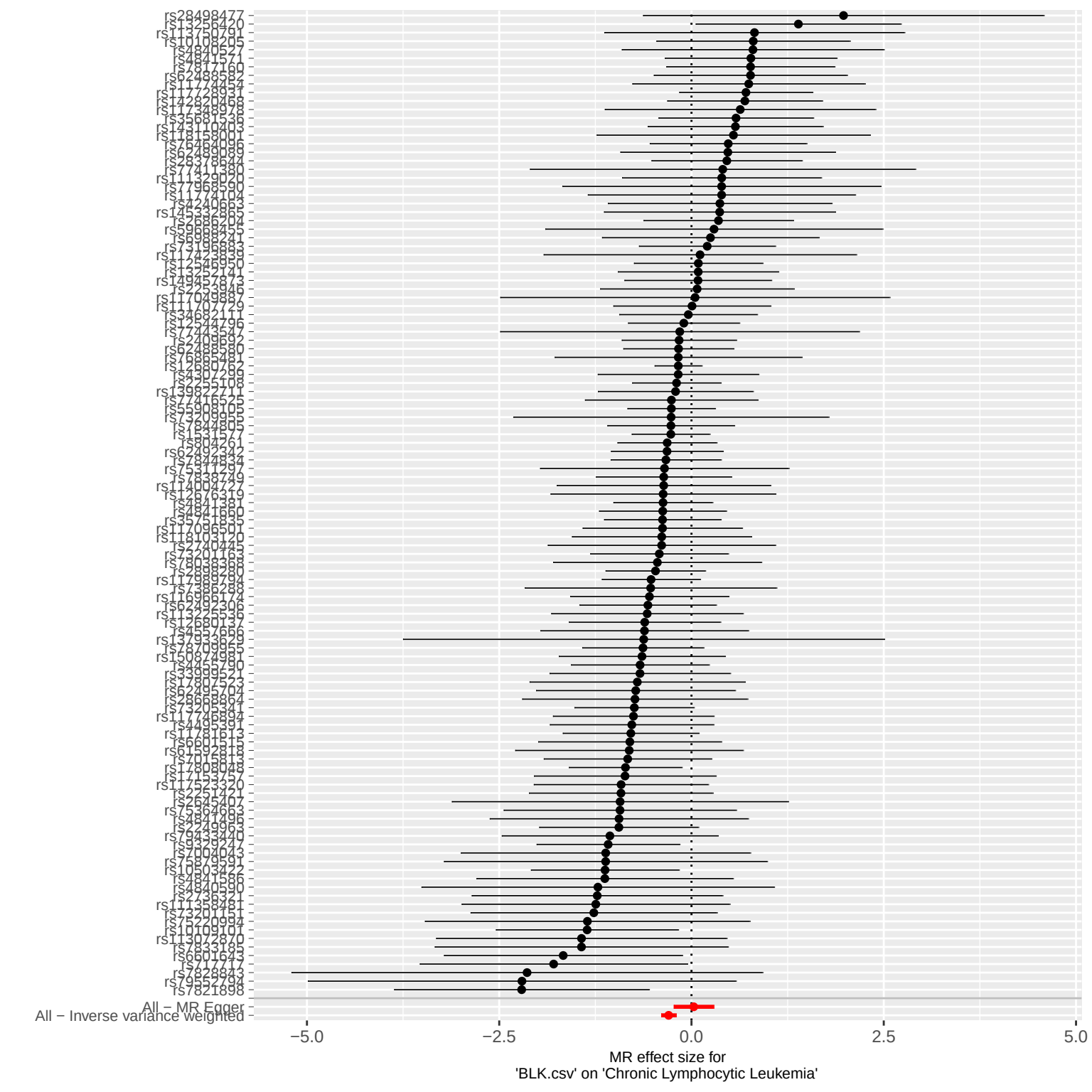
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'BIN3.csv' on 'Chronic Lymphocytic Leukemia'


All − MR Egger
All − Inverse variance weighted
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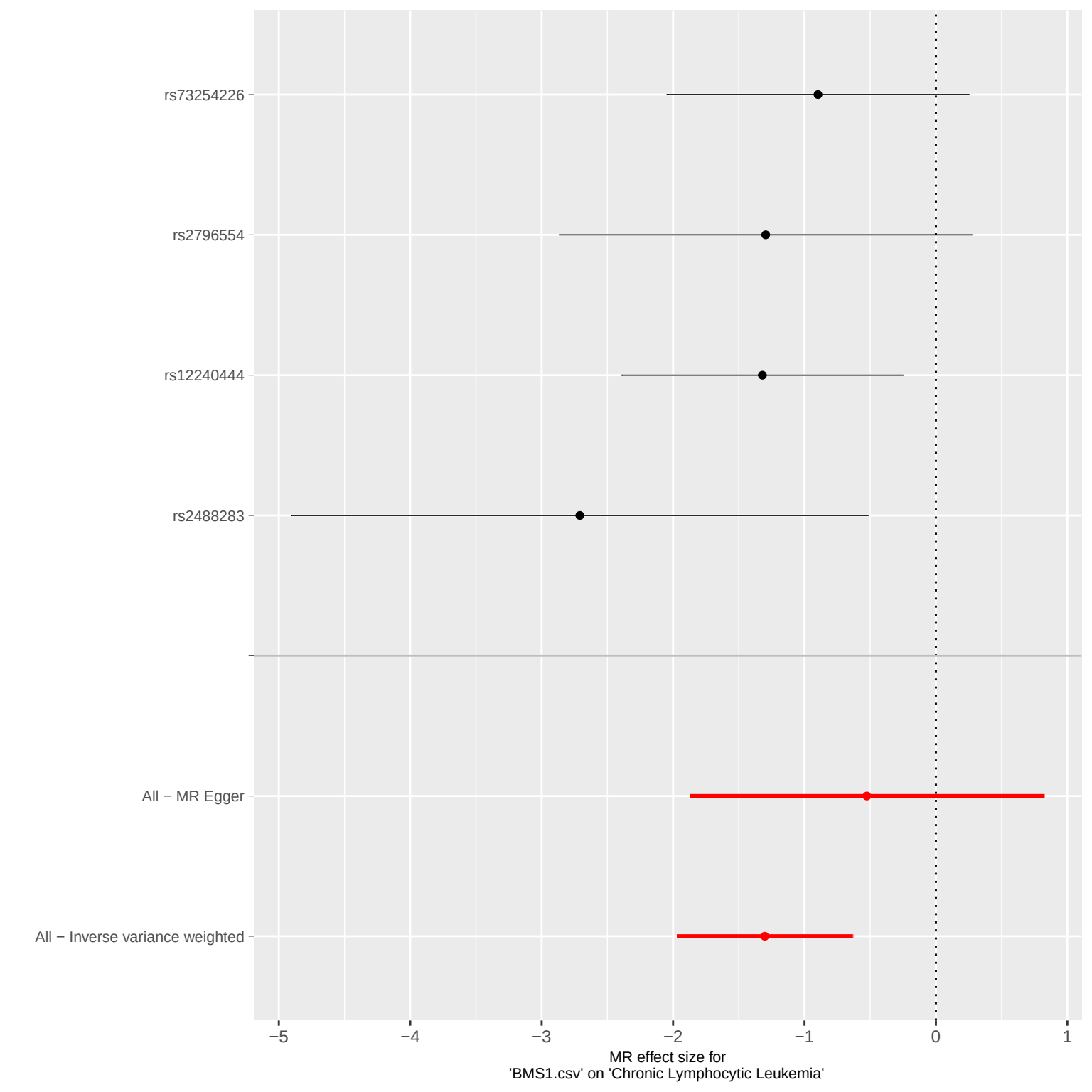
−2.5
0.0
2.5
5.0
MR effect size for
'BLK.csv' on 'Chronic Lymphocytic Leukemia'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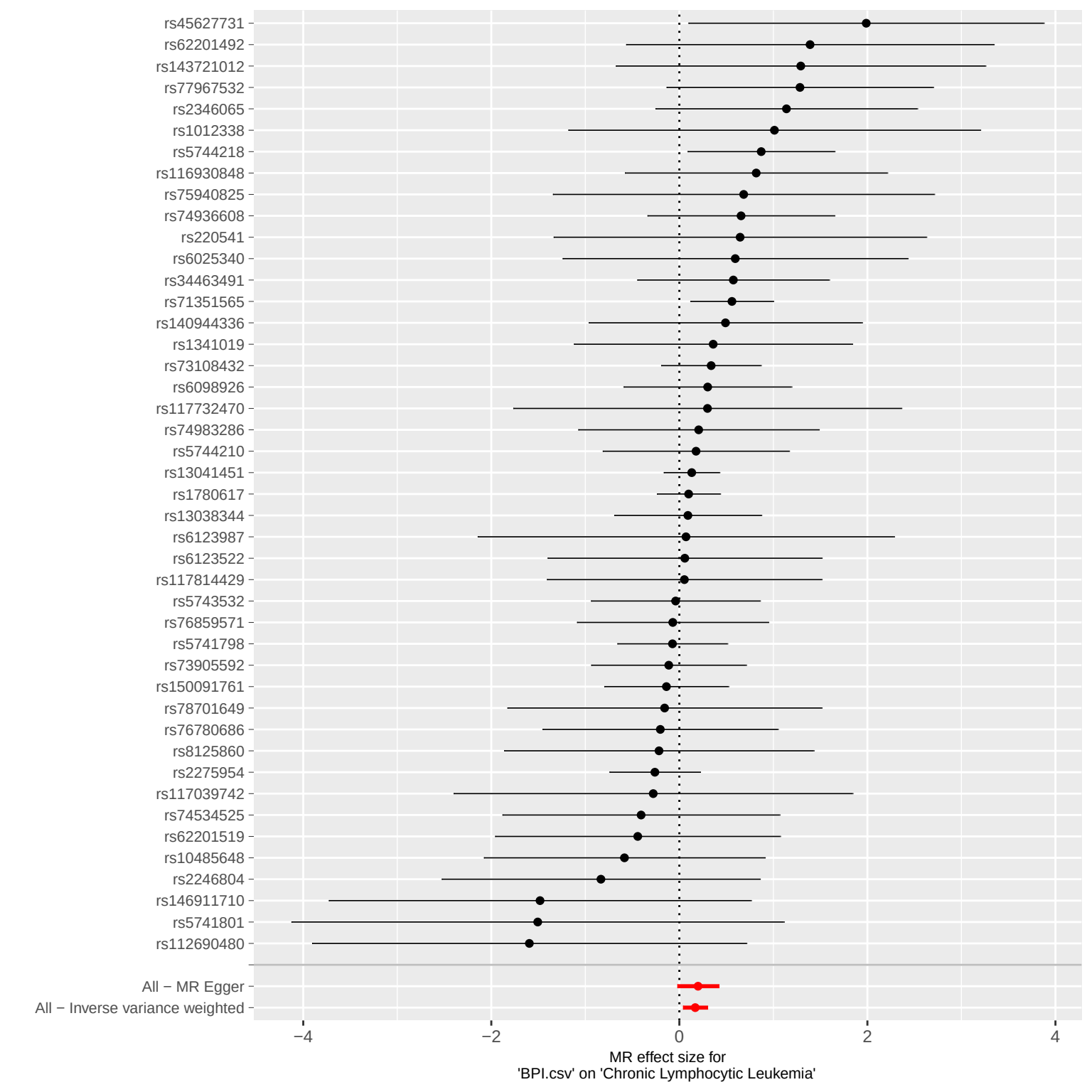
rs2796554
rs12240444
rs2488283
All − MR Egger
All − Inverse variance weighted
−5
−4
−3
−2
−1
0
1
MR effect size for
'BMS1.csv' on 'Chronic Lymphocytic Leukemia'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rs8125860
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rs5741801
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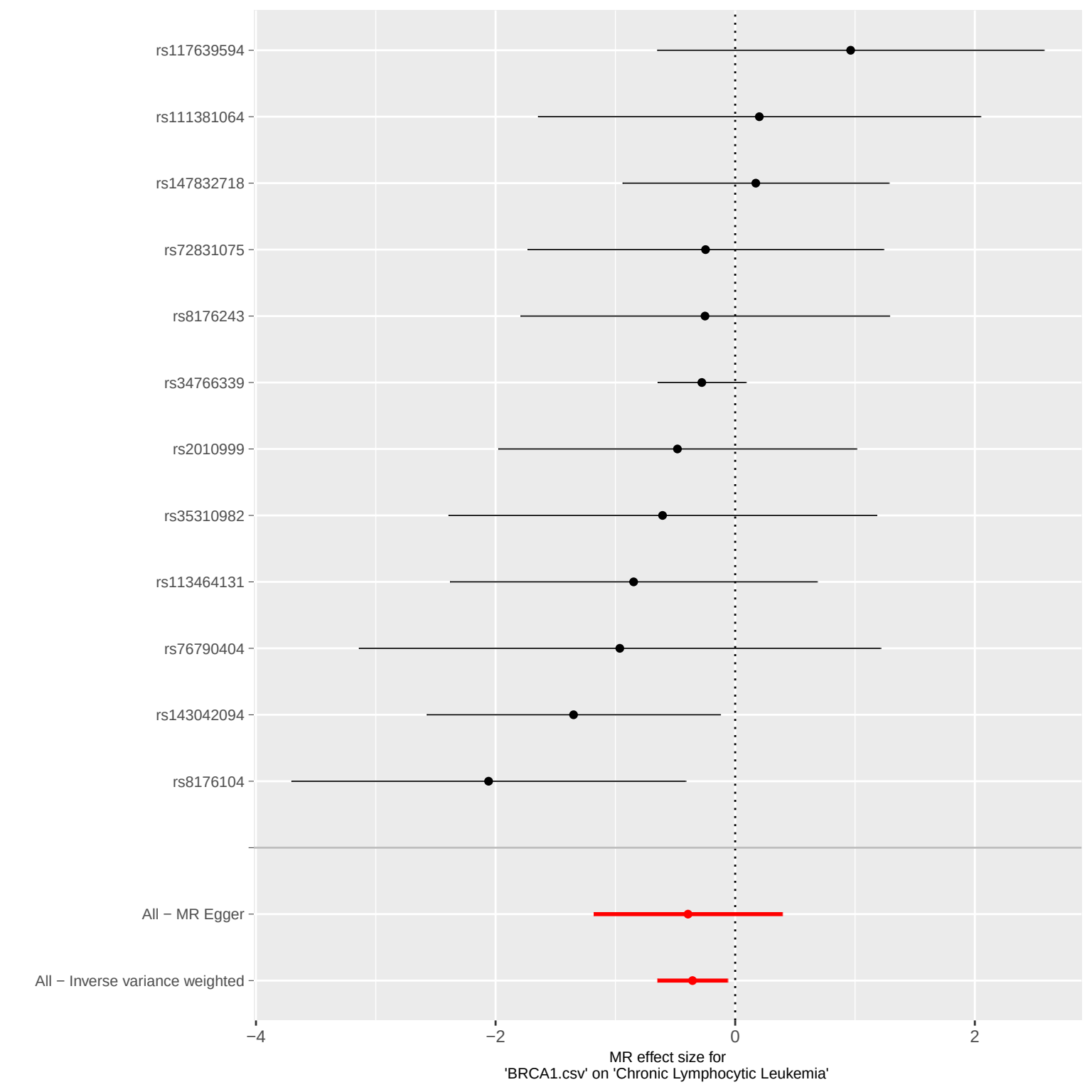
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'BPI.csv' on 'Chronic Lymphocytic Leukemia'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rs143042094
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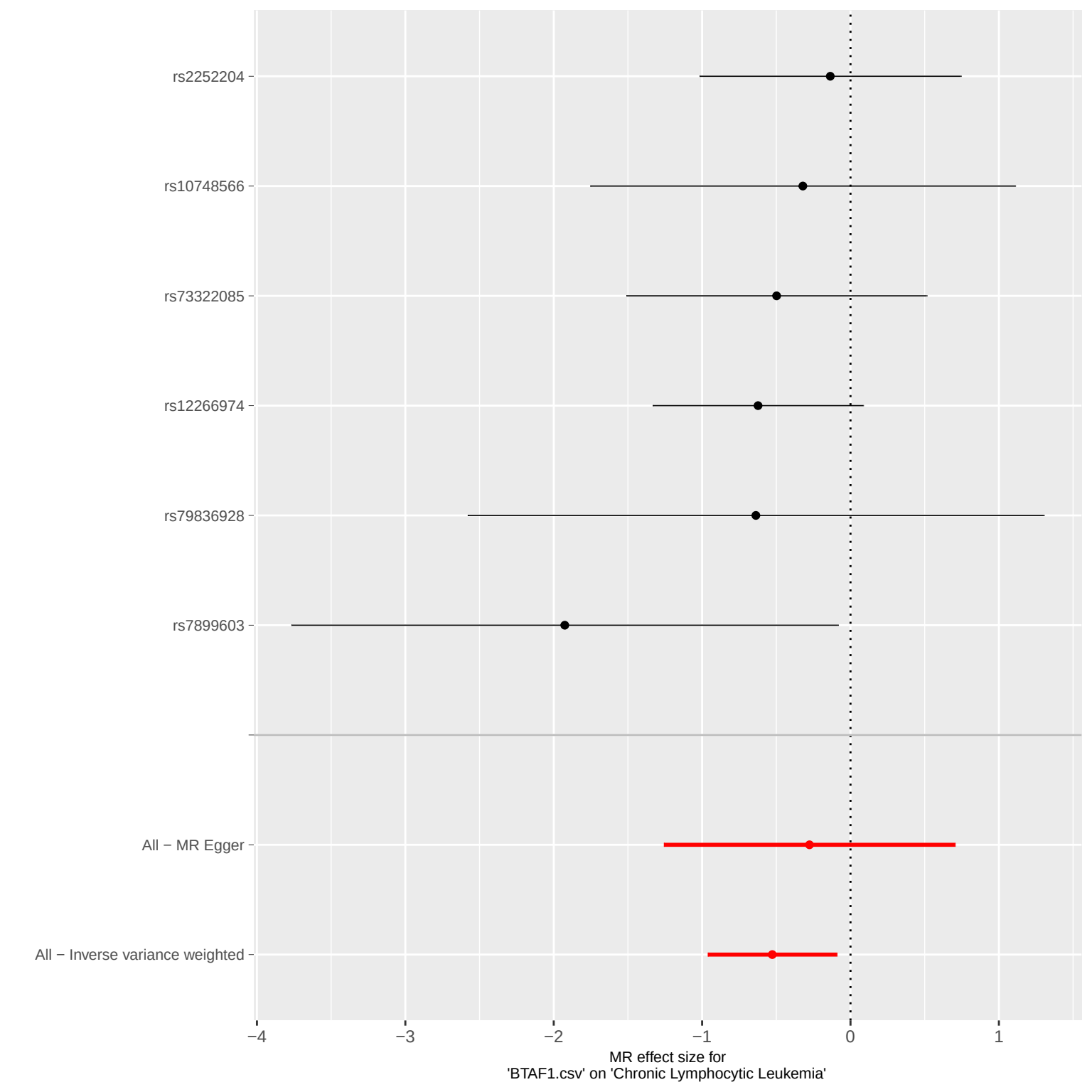
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'BRCA1.csv' on 'Chronic Lymphocytic Leukemia'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rs79836928
rs7899603
All − MR Egger
All − Inverse variance weighted
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−3
−2
−1
0
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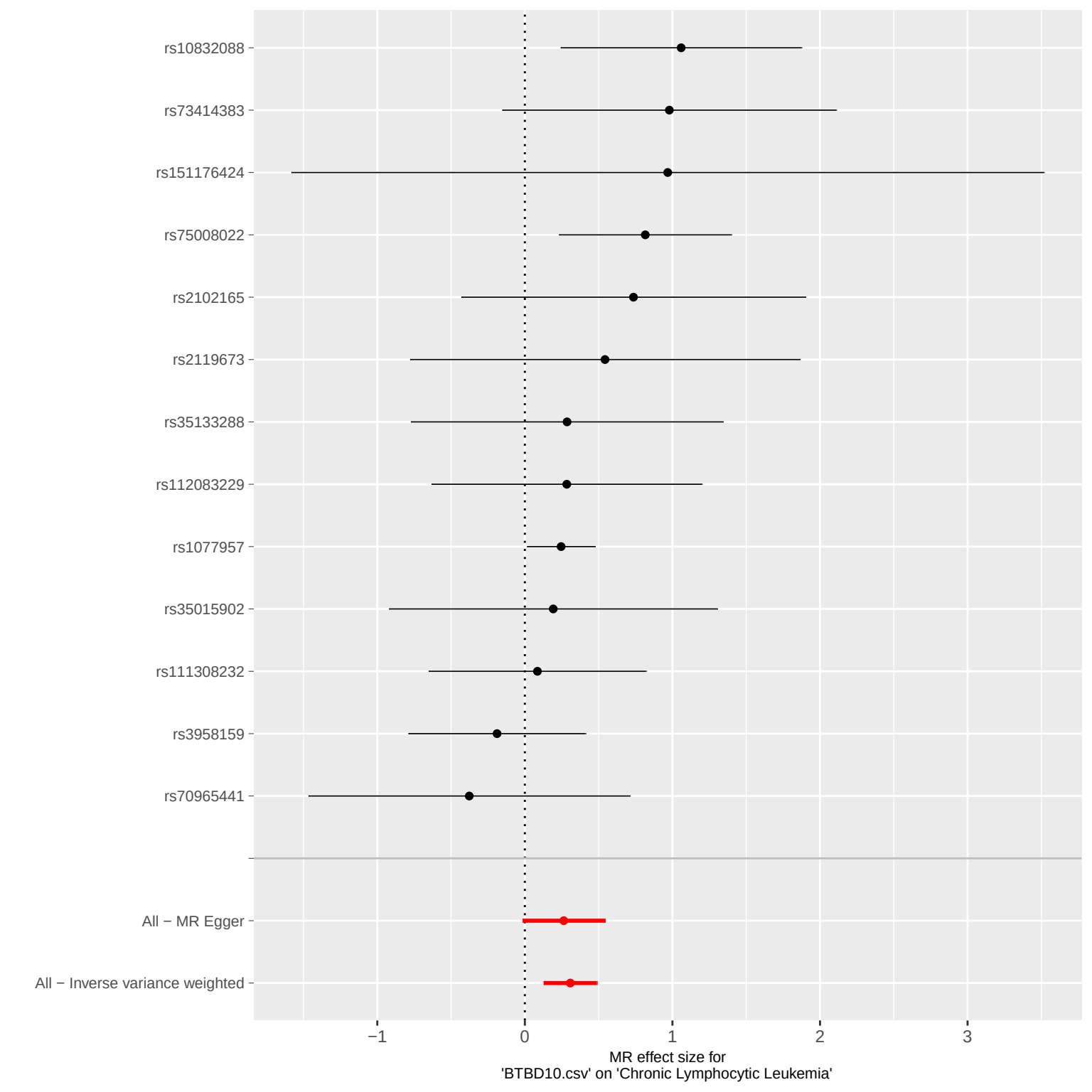
MR effect size for
'BTAF1.csv' on 'Chronic Lymphocytic Leukemia'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rs35133288
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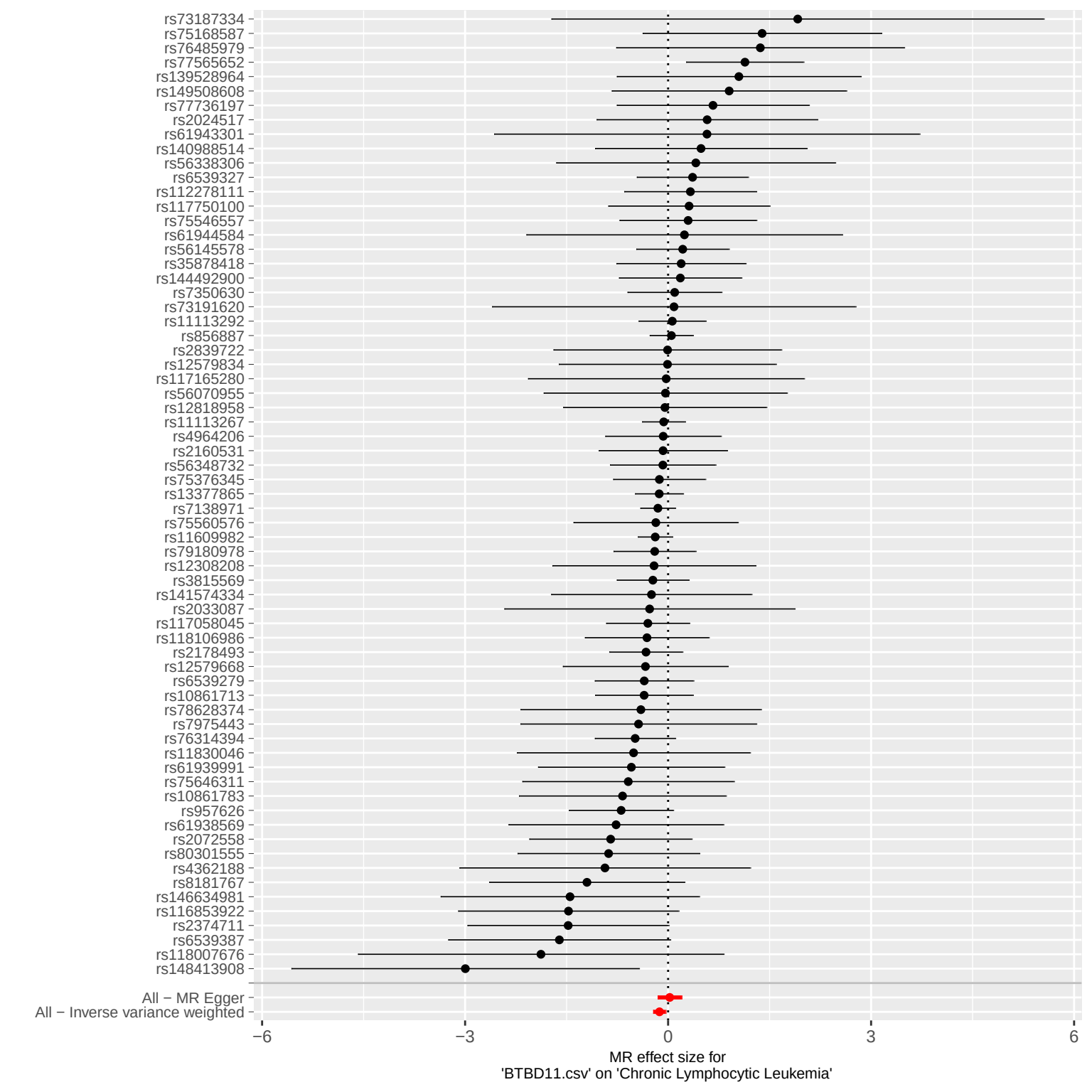
rs35015902
rs111308232
rs3958159
rs70965441
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'BTBD10.csv' on 'Chronic Lymphocytic Leukemia'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rs35878418
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rs118007676
rs148413908
All − MR Egger
All − Inverse variance weighted
−6
−3
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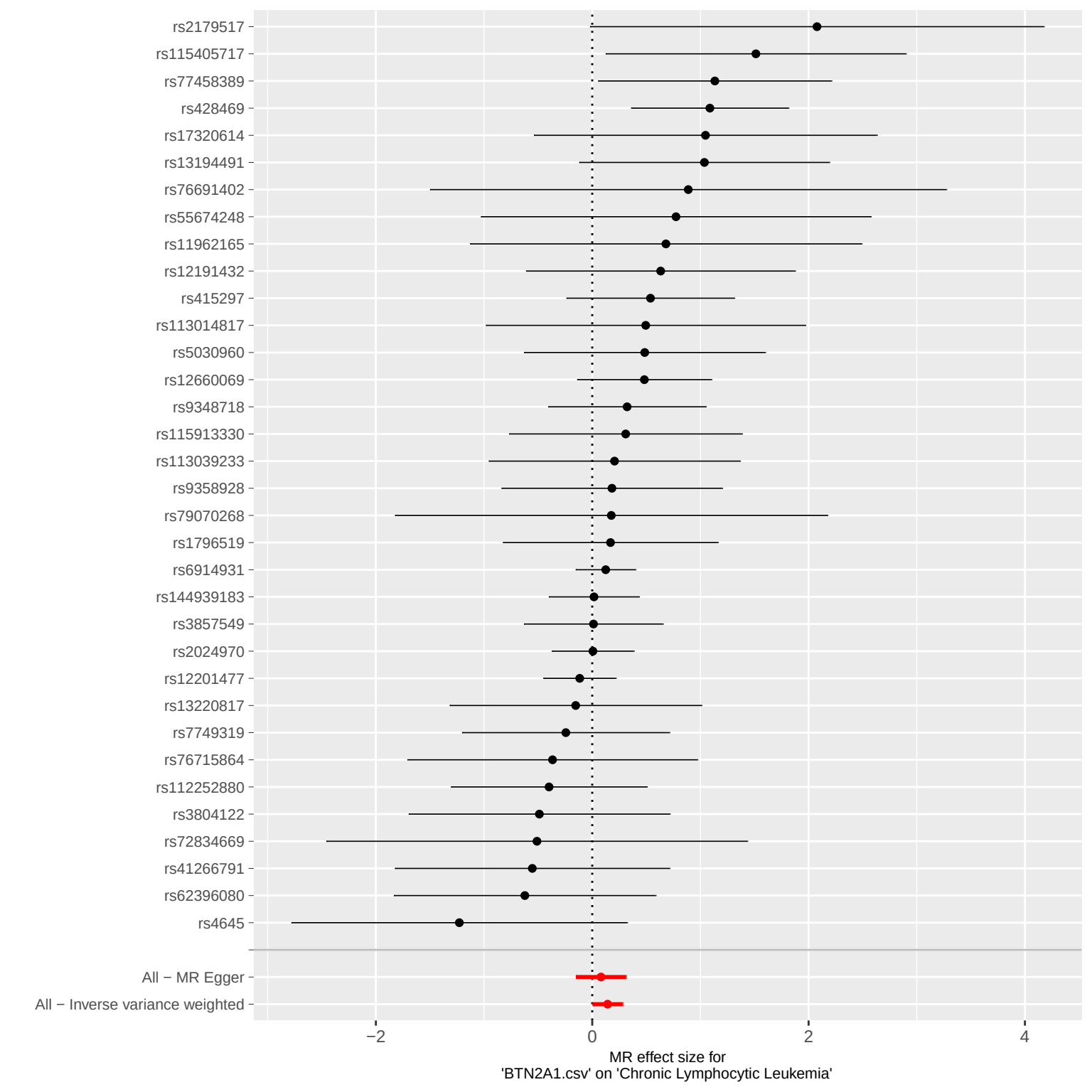
3
6
MR effect size for
'BTBD11.csv' on 'Chronic Lymphocytic Leukemia'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rs3857549
rs2024970
rs12201477
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rs7749319
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rs112252880
rs3804122
rs72834669
rs41266791
rs62396080
rs4645
All − MR Egger
All − Inverse variance weighted
−2
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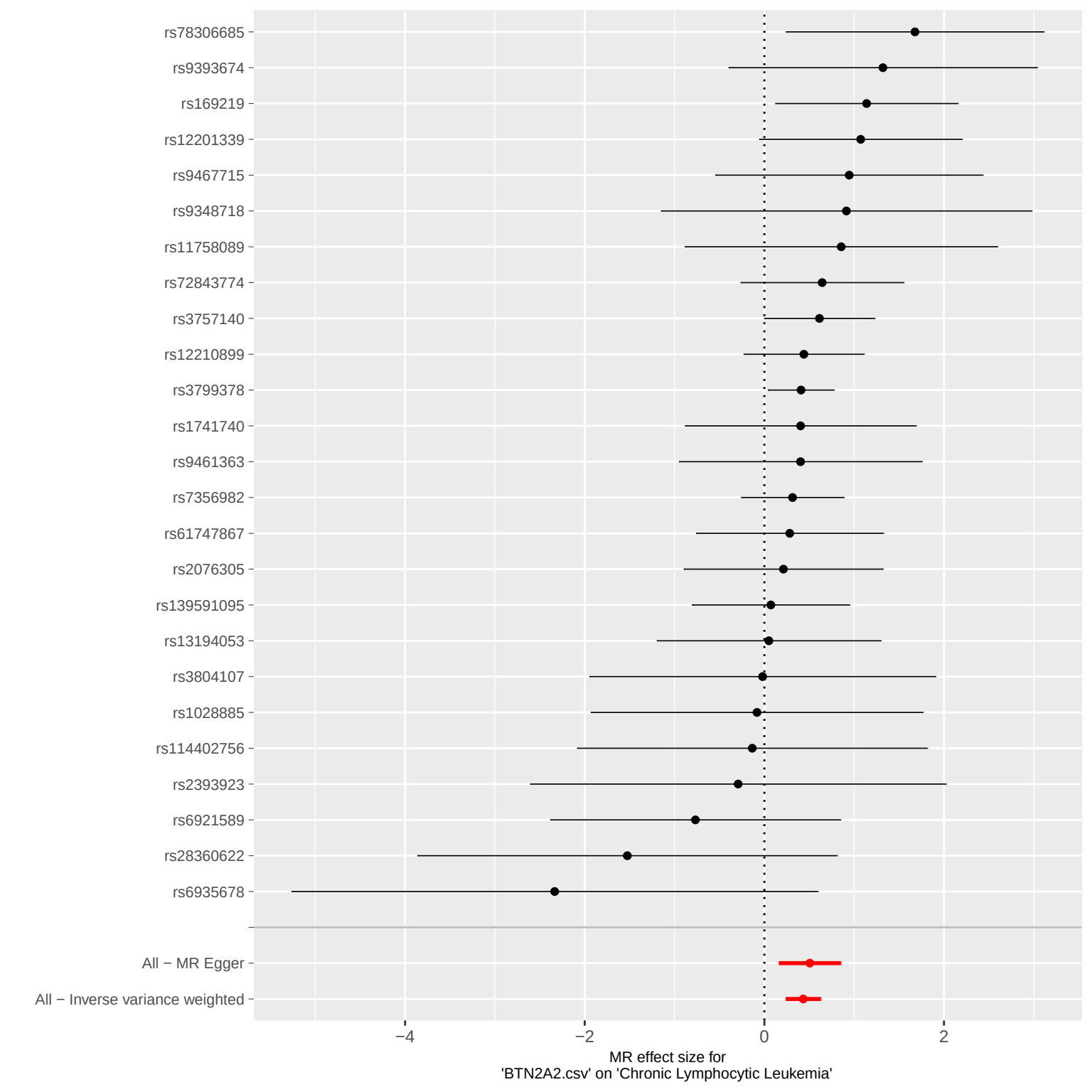
2
4
MR effect size for
'BTN2A1.csv' on 'Chronic Lymphocytic Leukemia'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rs2076305
rs139591095
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rs6921589
rs28360622
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All − MR Egger
All − Inverse variance weighted
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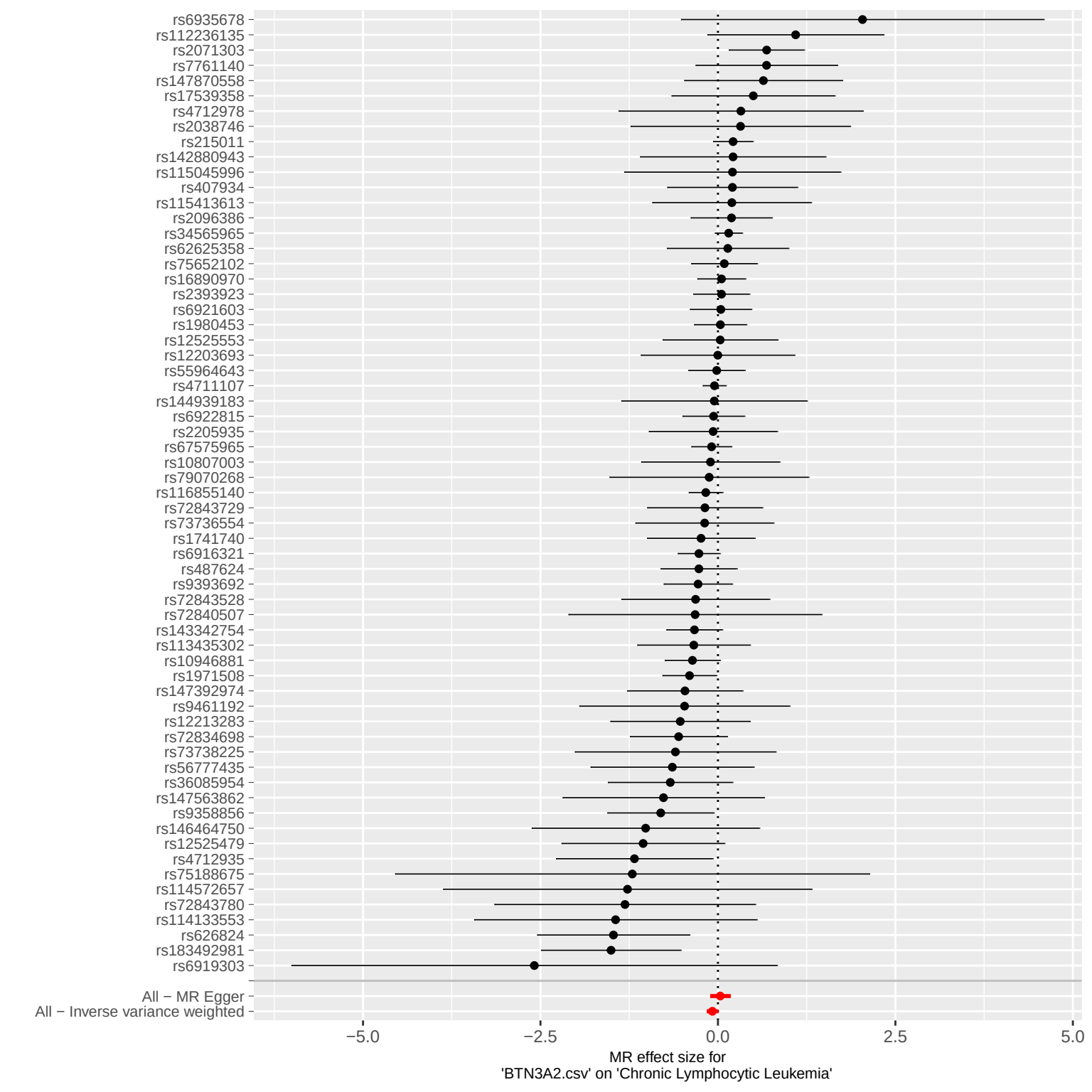
−2
0
2
MR effect size for
'BTN2A2.csv' on 'Chronic Lymphocytic Leukemia'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rs72843780
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rs626824
rs183492981
rs6919303
All − MR Egger
All − Inverse variance weighted
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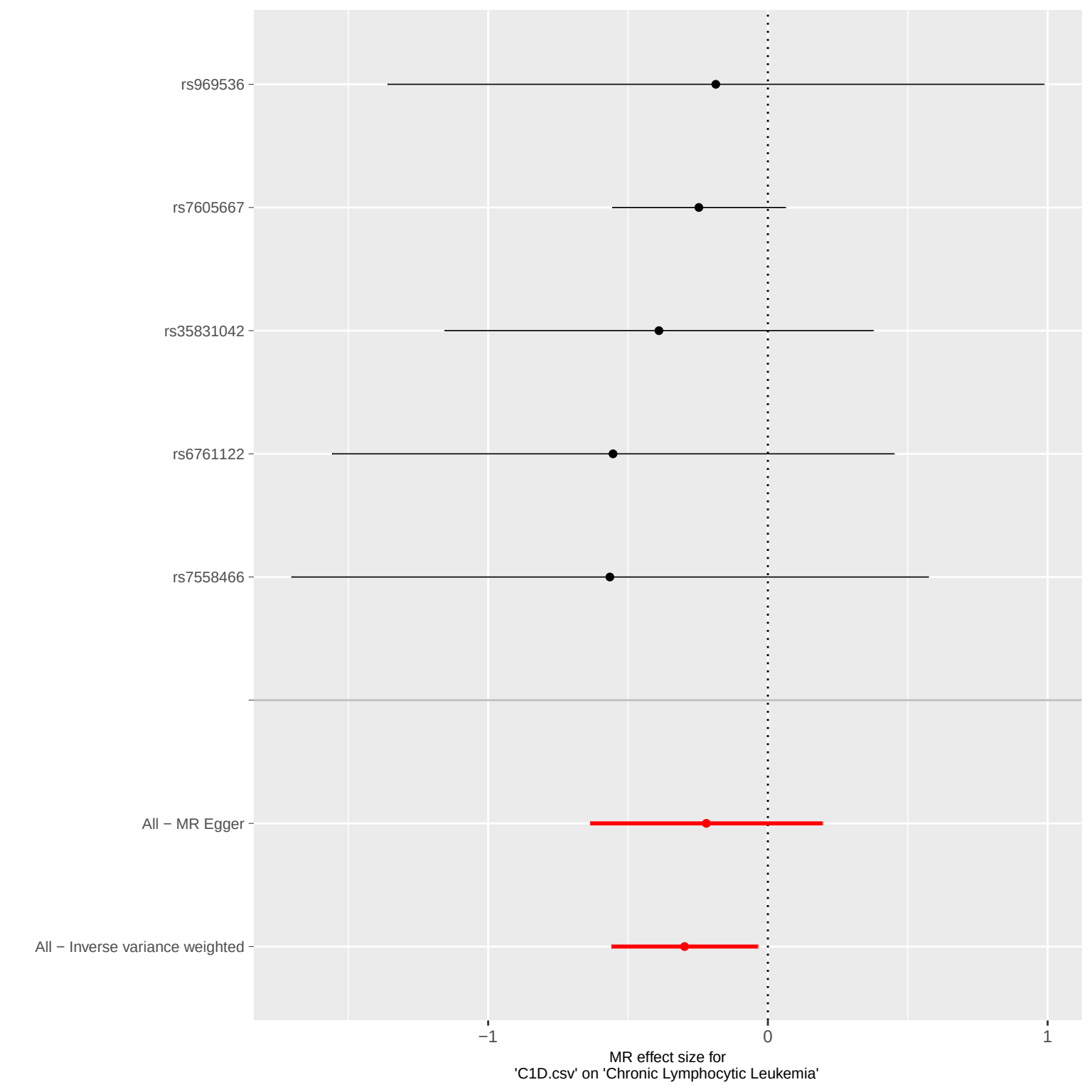
−2.5
0.0
2.5
5.0
MR effect size for
'BTN3A2.csv' on 'Chronic Lymphocytic Leukemia'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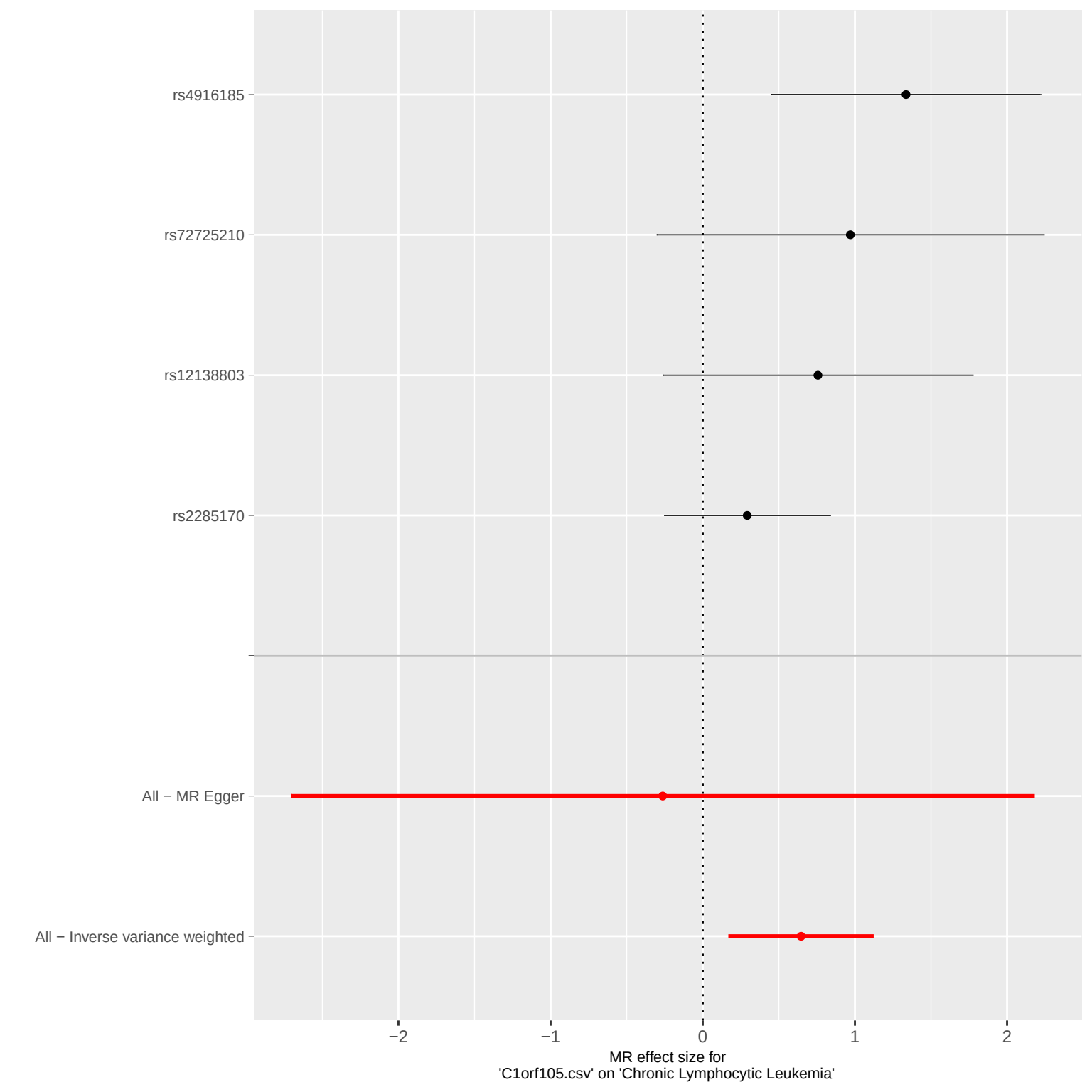
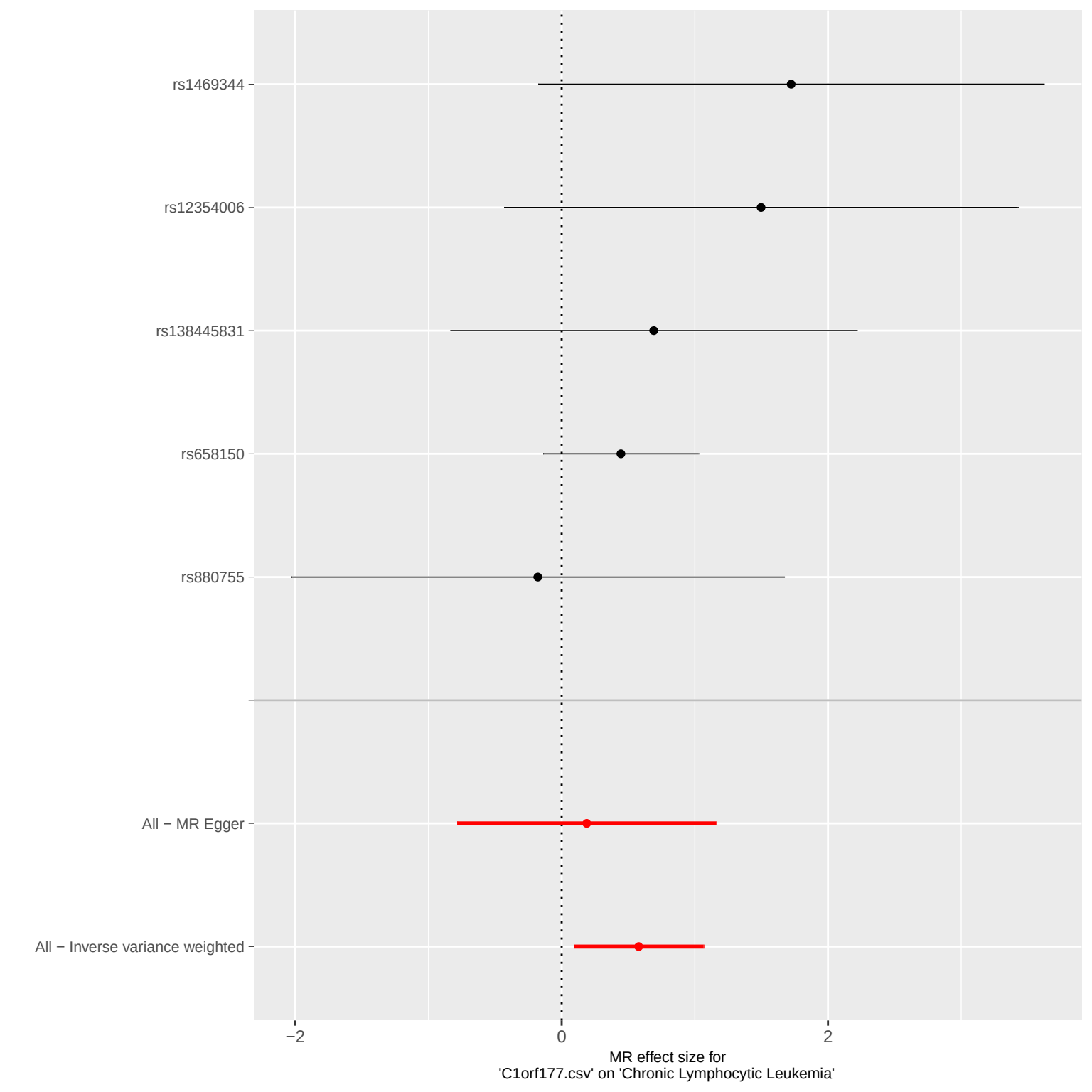
rs7558466
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'C1D.csv' on 'Chronic Lymphocytic Leukemia'


rs4916185
rs72725210
rs12138803
rs2285170
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'C1orf105.csv' on 'Chronic Lymphocytic Leukemia'


rs1469344
rs12354006
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rs880755
All − MR Egger
All − Inverse variance weighted
−2
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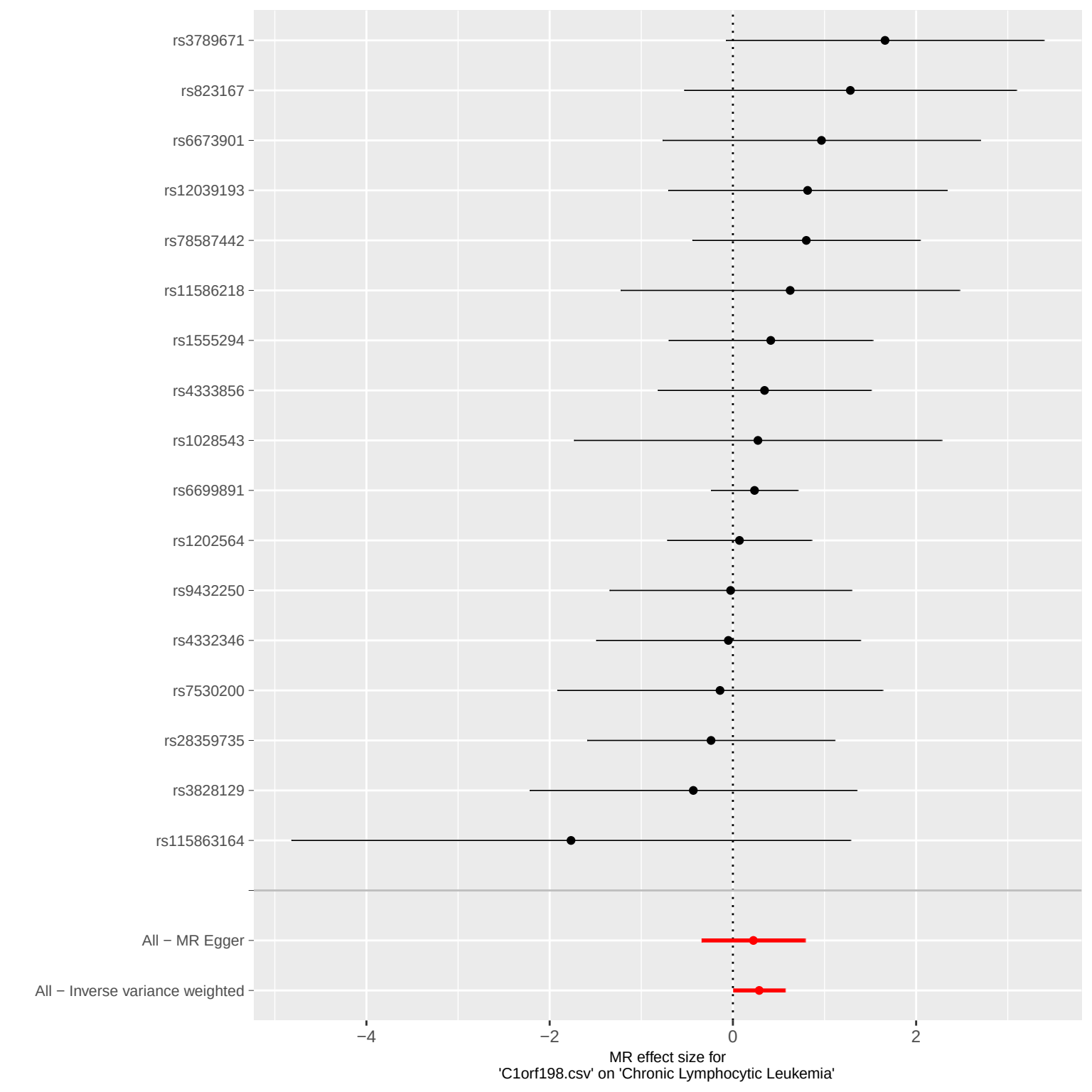
2
MR effect size for
'C1orf177.csv' on 'Chronic Lymphocytic Leukemia'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rs9432250
rs4332346
rs7530200
rs28359735
rs3828129
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All − MR Egger
All − Inverse variance weighted
−4
−2
0
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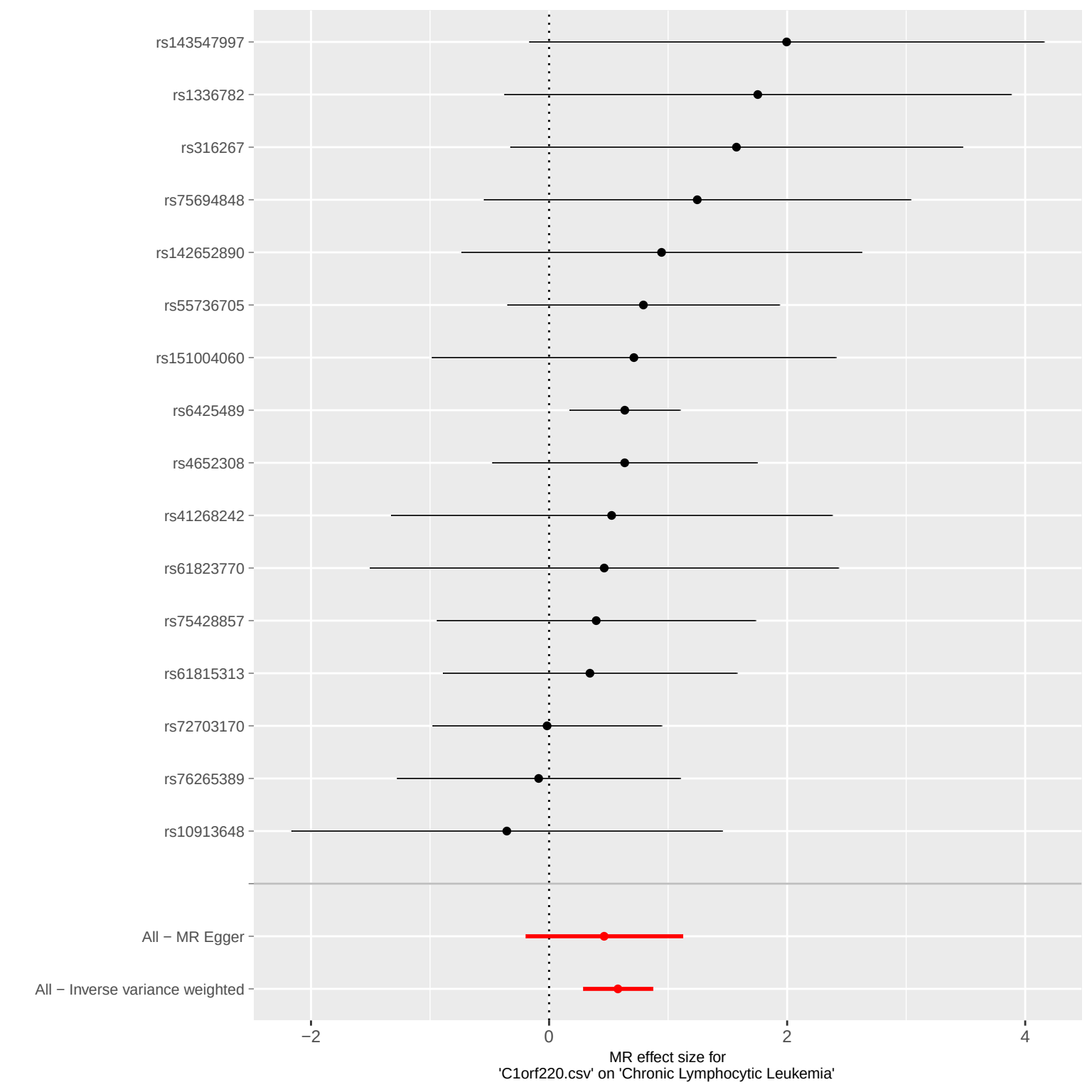
MR effect size for
'C1orf198.csv' on 'Chronic Lymphocytic Leukemia'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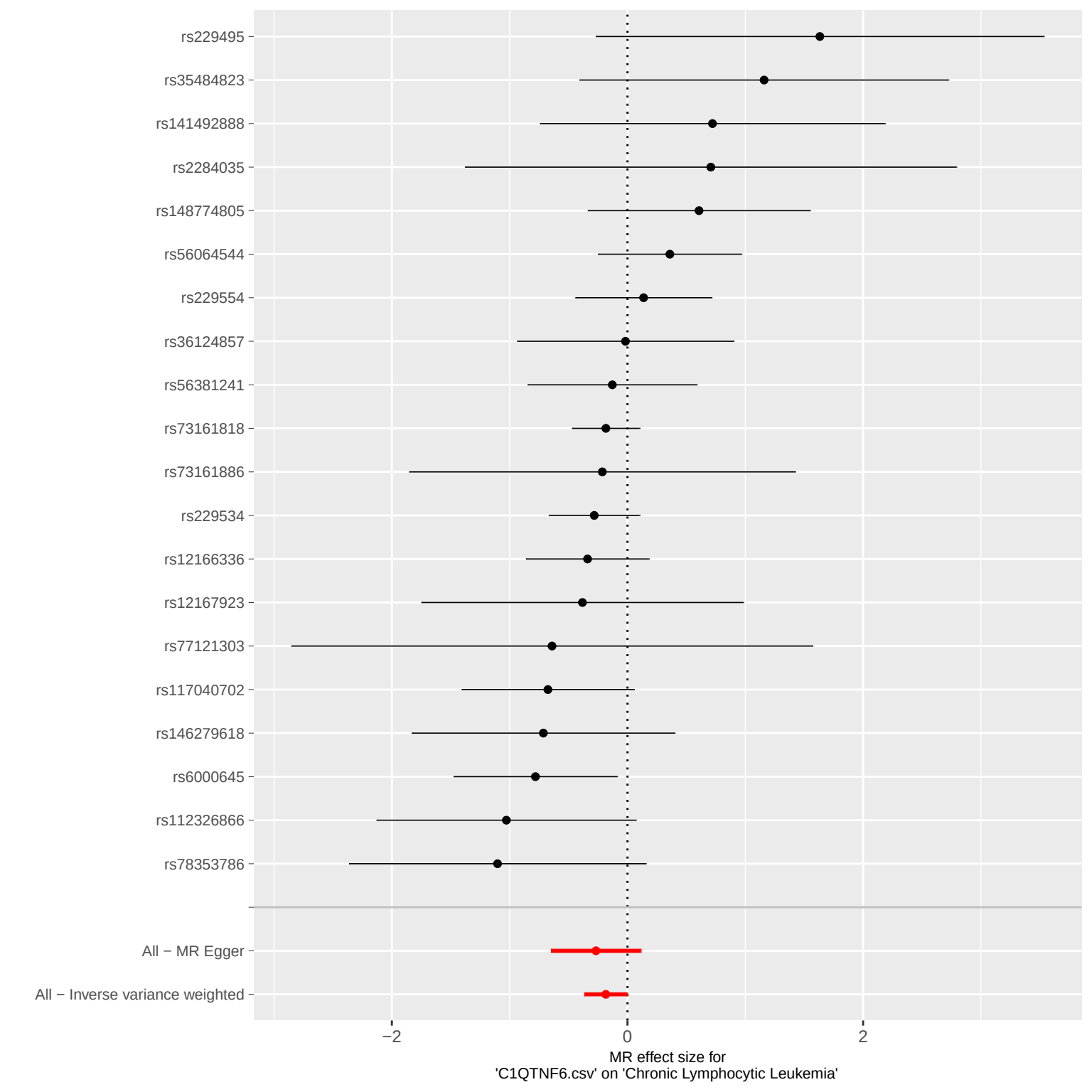
rs6425489
rs4652308
rs41268242
rs61823770
rs75428857
rs61815313
rs72703170
rs76265389
rs10913648
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C1orf220.csv' on 'Chronic Lymphocytic Leukemia'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rs12166336
rs12167923
rs77121303
rs117040702
rs146279618
rs6000645
rs112326866
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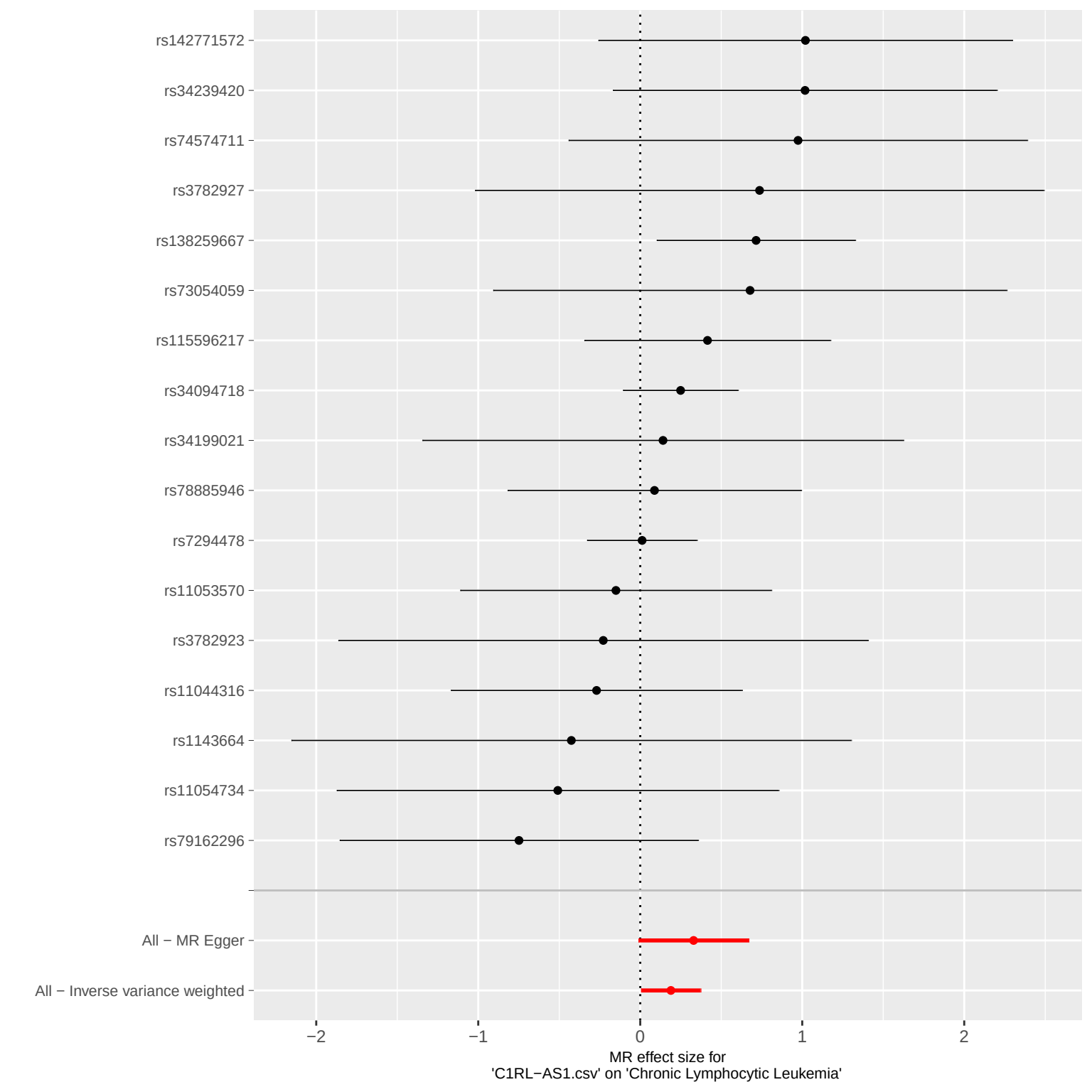
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'C1QTNF6.csv' on 'Chronic Lymphocytic Leukemia'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rs7294478
rs11053570
rs3782923
rs11044316
rs1143664
rs11054734
rs79162296
All − MR Egger
All − Inverse variance weighted
−2
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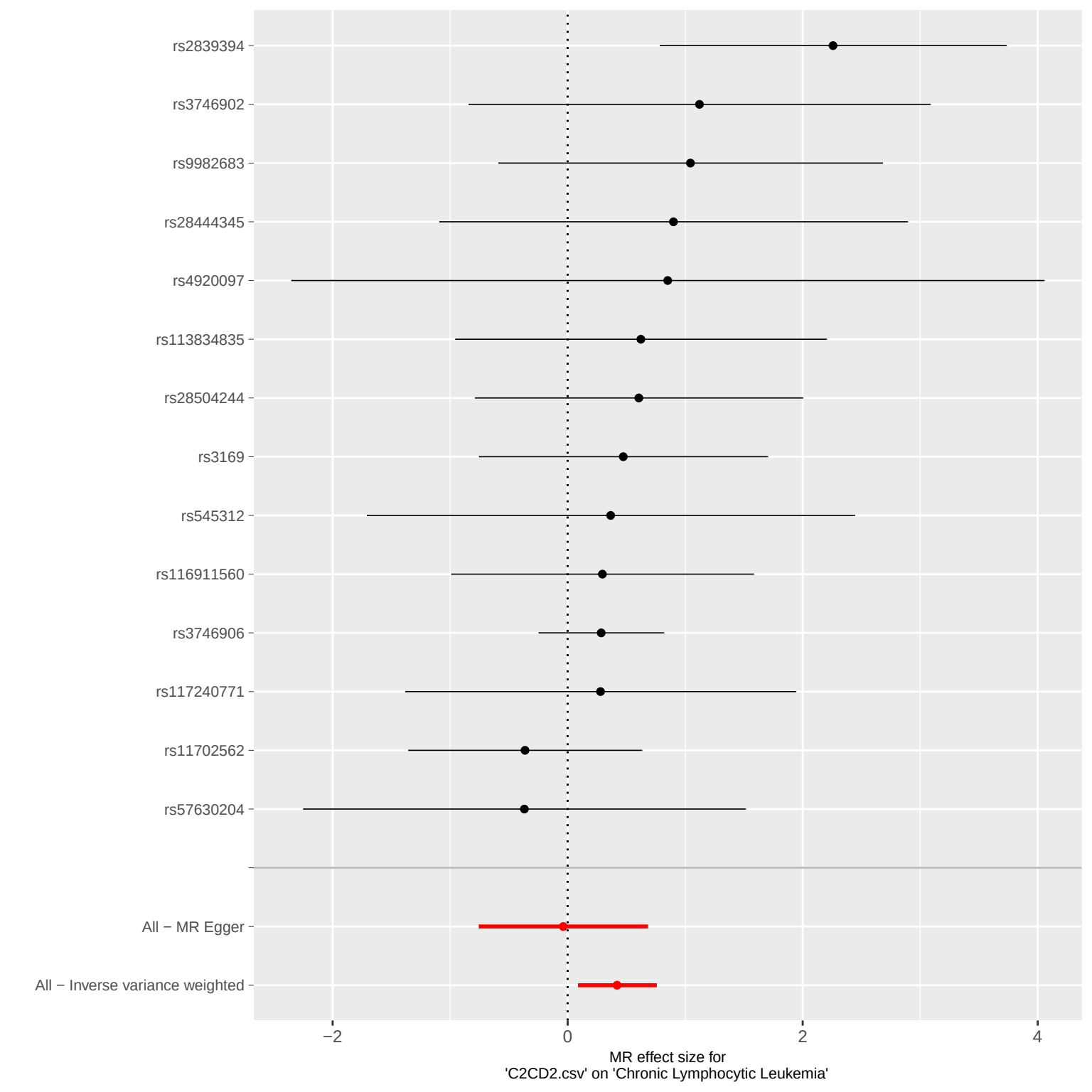
1
2
MR effect size for
'C1RL−AS1.csv' on 'Chronic Lymphocytic Leukemia'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rs3169
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rs3746906
rs117240771
rs11702562
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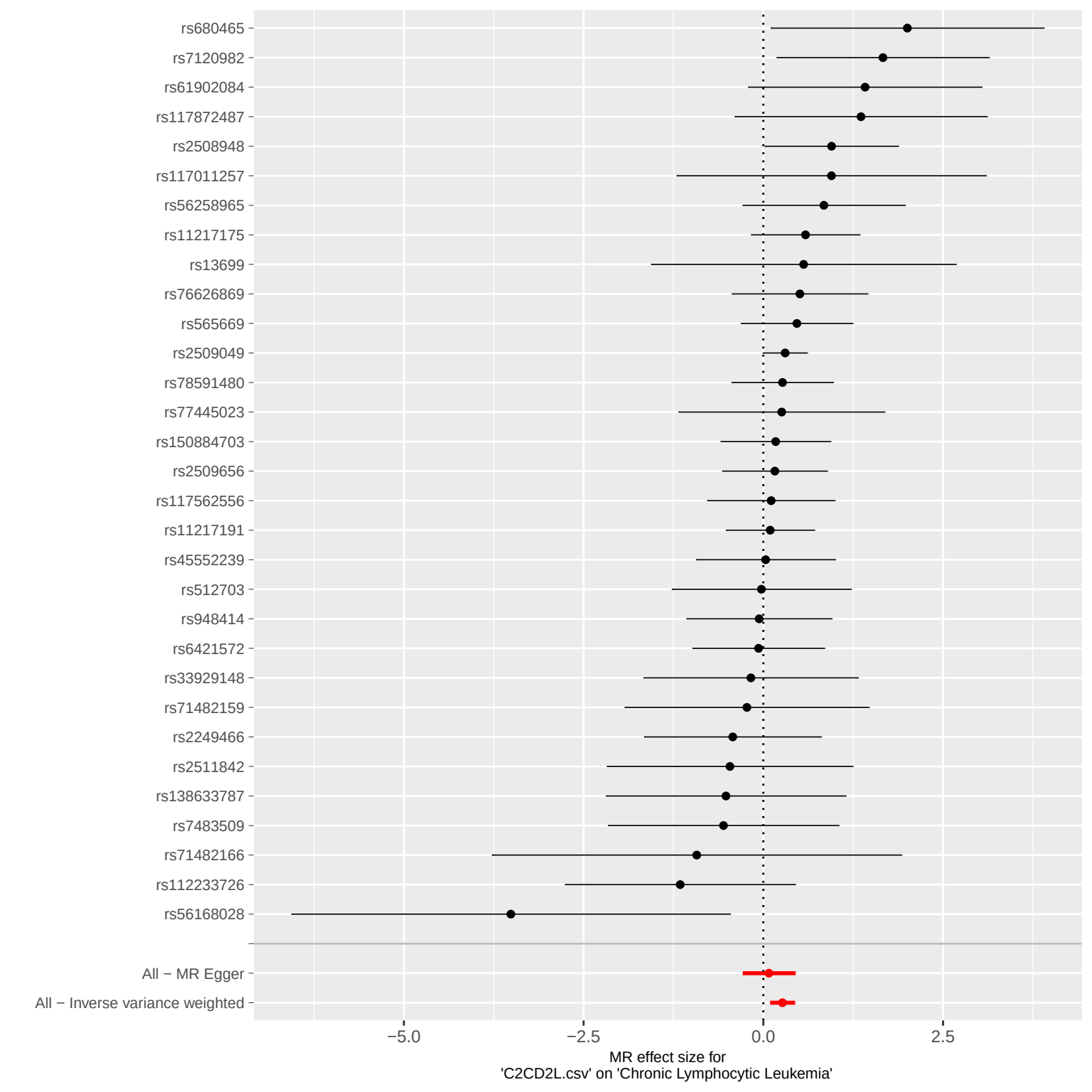
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C2CD2.csv' on 'Chronic Lymphocytic Leukemia'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rs2509049
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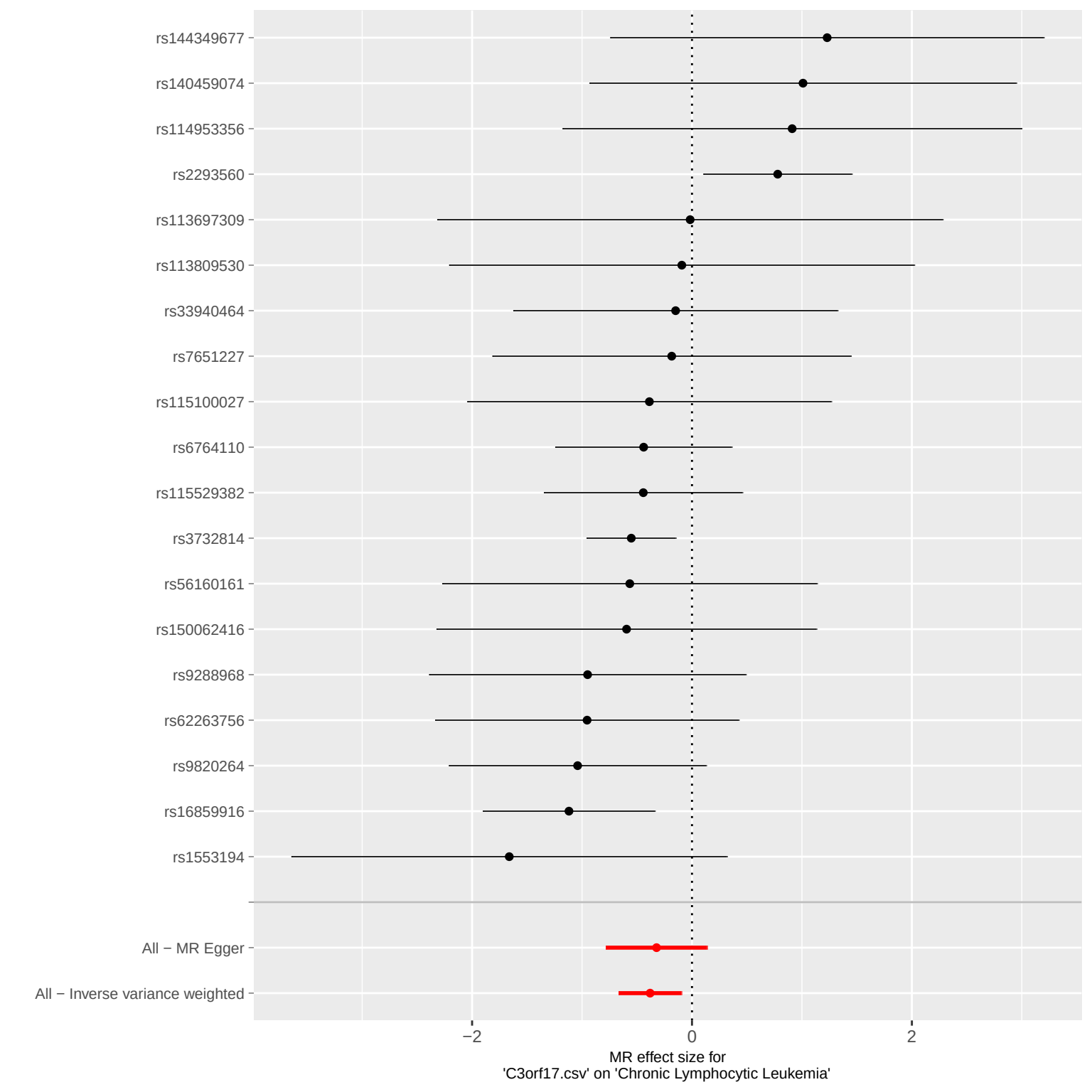
rs77445023
rs150884703
rs2509656
rs117562556
rs11217191
rs45552239
rs512703
rs948414
rs6421572
rs33929148
rs71482159
rs2249466
rs2511842
rs138633787
rs7483509
rs71482166
rs112233726
rs56168028
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C2CD2L.csv' on 'Chronic Lymphocytic Leukemia'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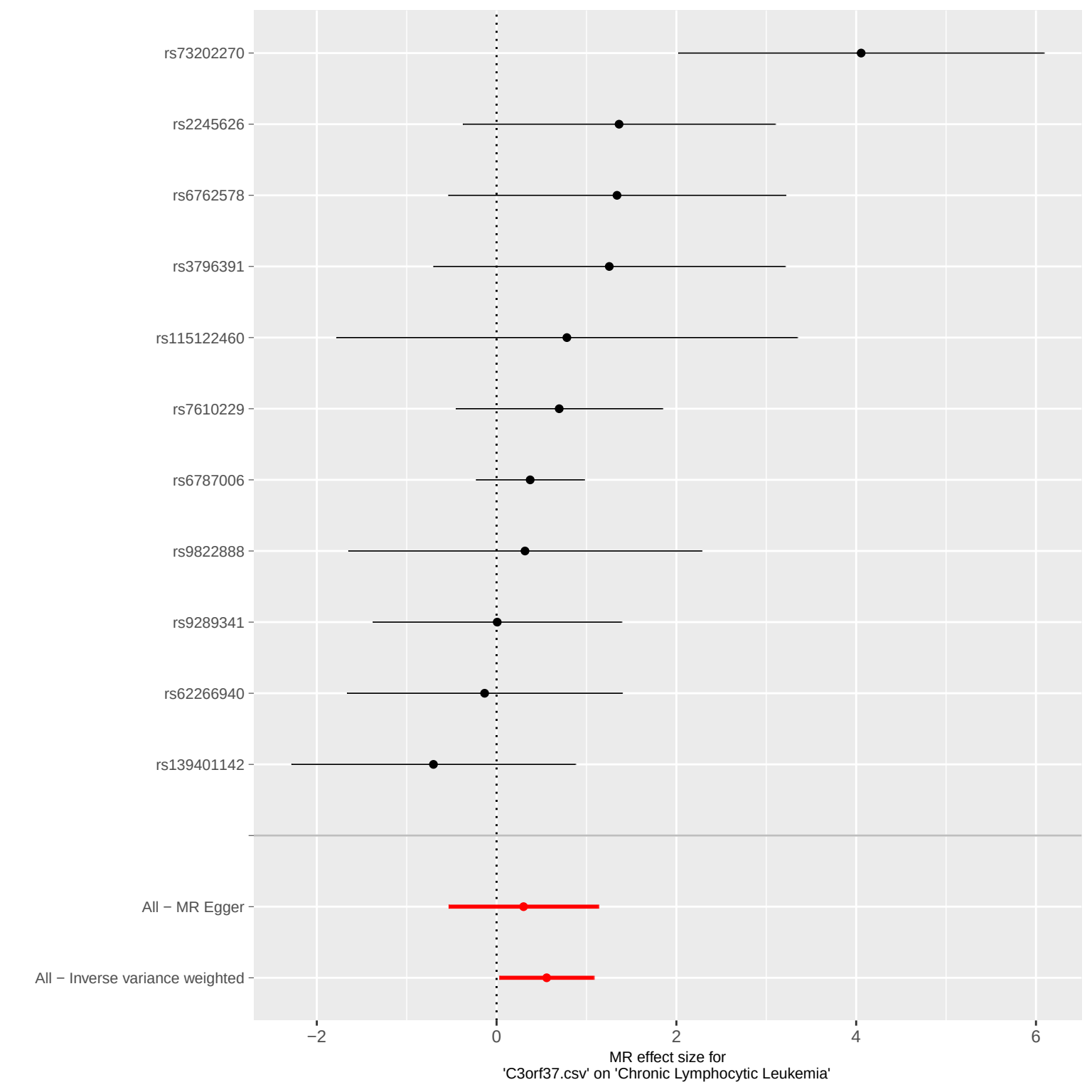
rs115529382
rs3732814
rs56160161
rs150062416
rs9288968
rs62263756
rs9820264
rs16859916
rs1553194
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'C3orf17.csv' on 'Chronic Lymphocytic Leukemia'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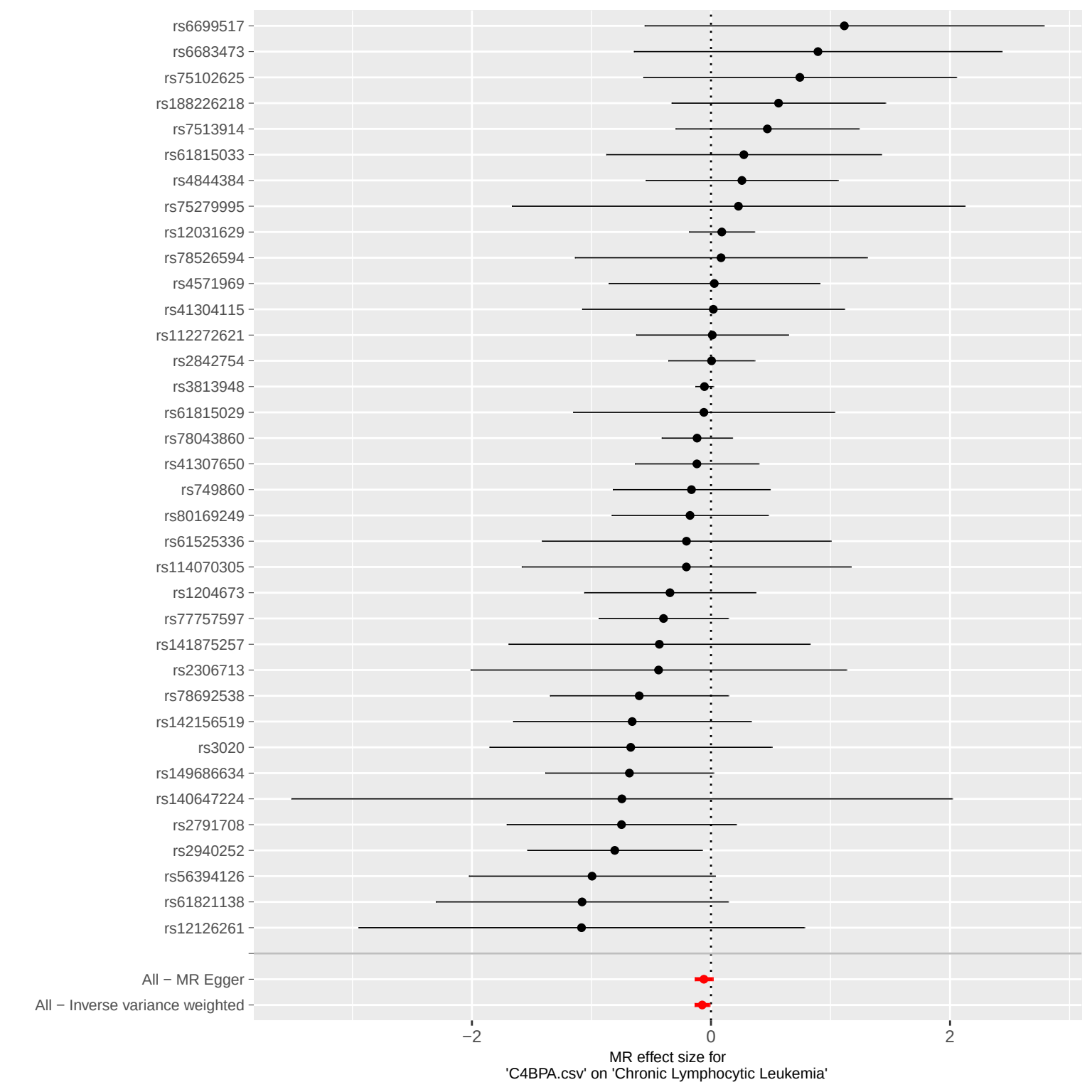
rs7610229
rs6787006
rs9822888
rs9289341
rs62266940
rs139401142
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'C3orf37.csv' on 'Chronic Lymphocytic Leukemia'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rs3813948
rs61815029
rs78043860
rs41307650
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rs61525336
rs114070305
rs1204673
rs77757597
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rs78692538
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rs3020
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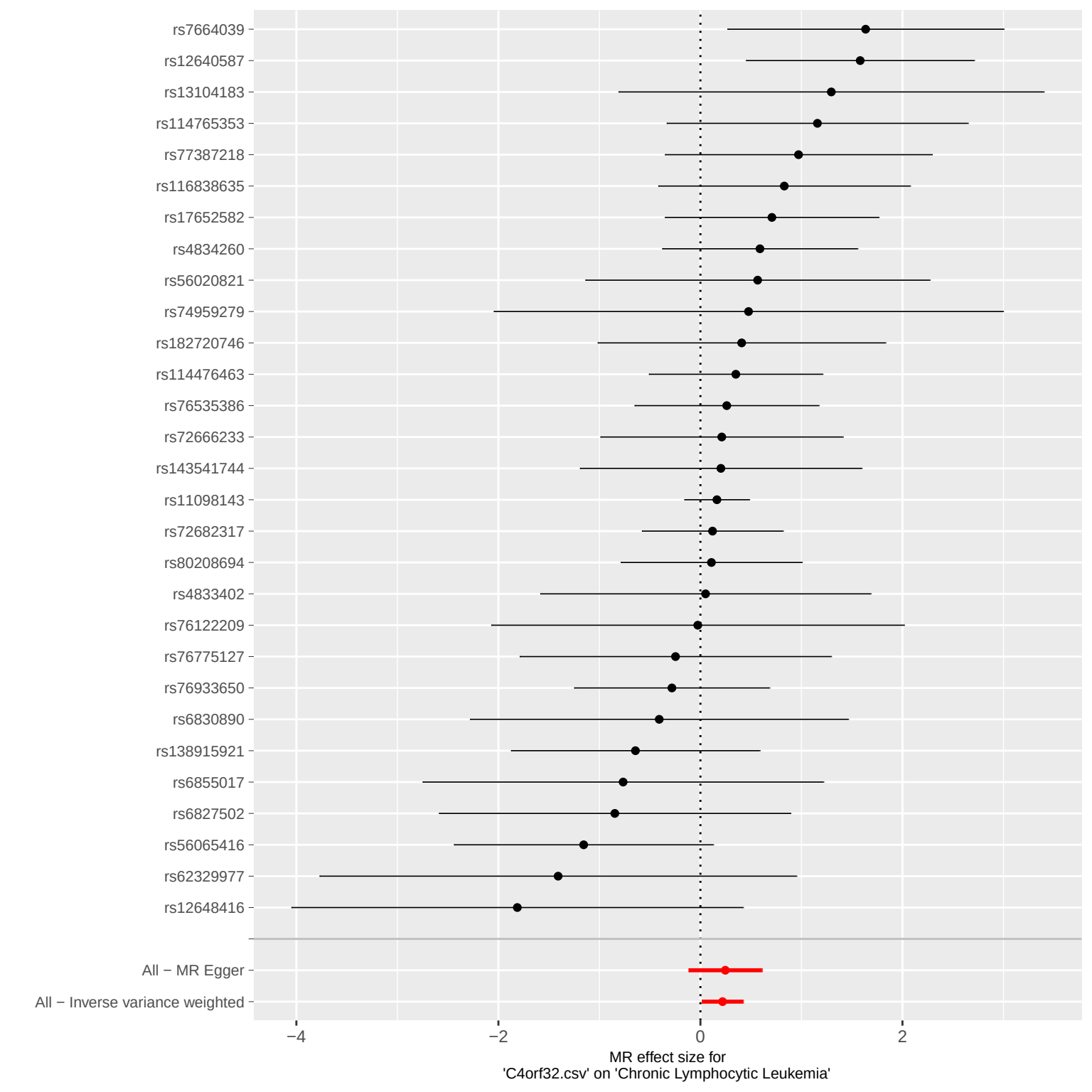
rs140647224
rs2791708
rs2940252
rs56394126
rs61821138
rs12126261
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'C4BPA.csv' on 'Chronic Lymphocytic Leukemia'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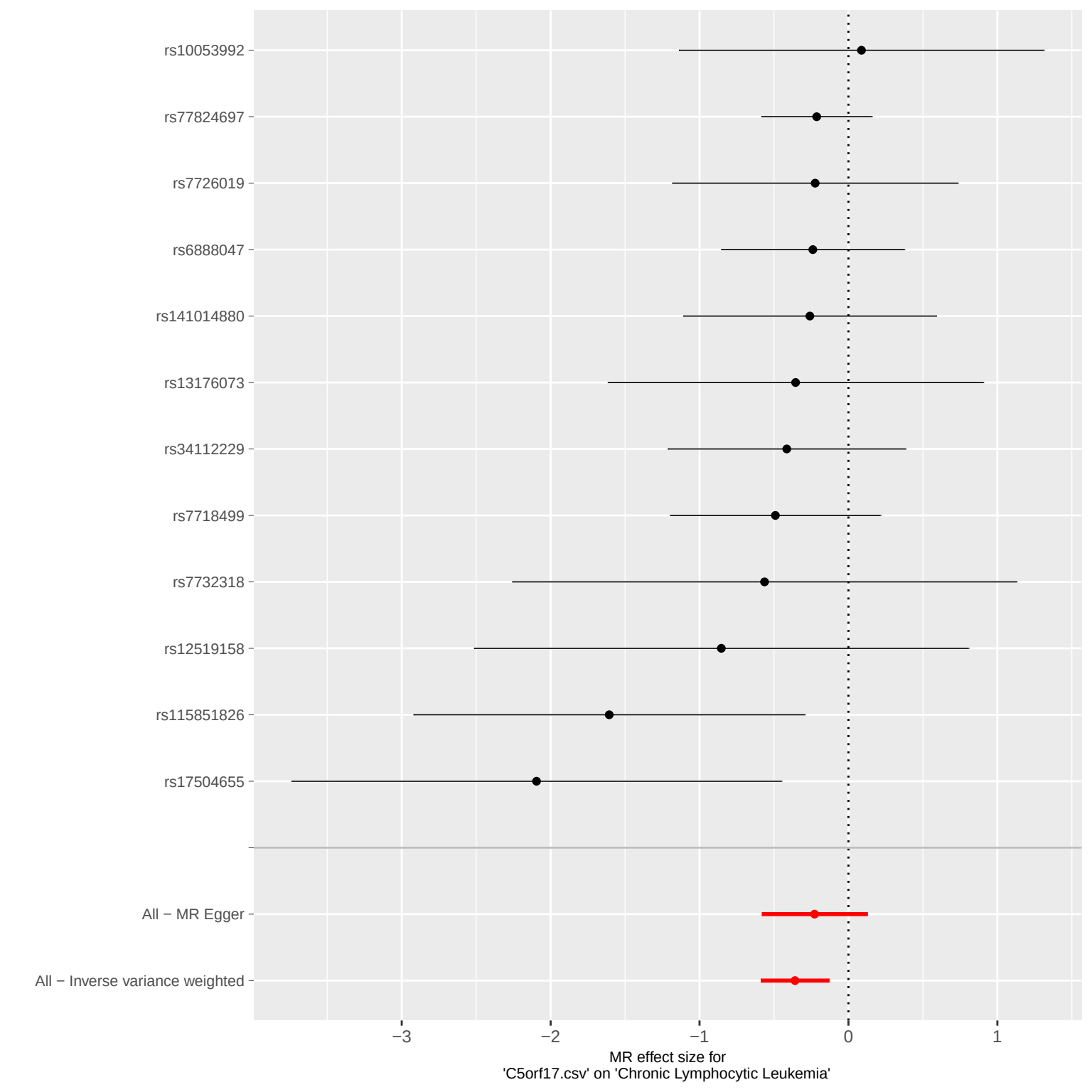
rs4833402
rs76122209
rs76775127
rs76933650
rs6830890
rs138915921
rs6855017
rs6827502
rs56065416
rs62329977
rs12648416
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'C4orf32.csv' on 'Chronic Lymphocytic Leukemia'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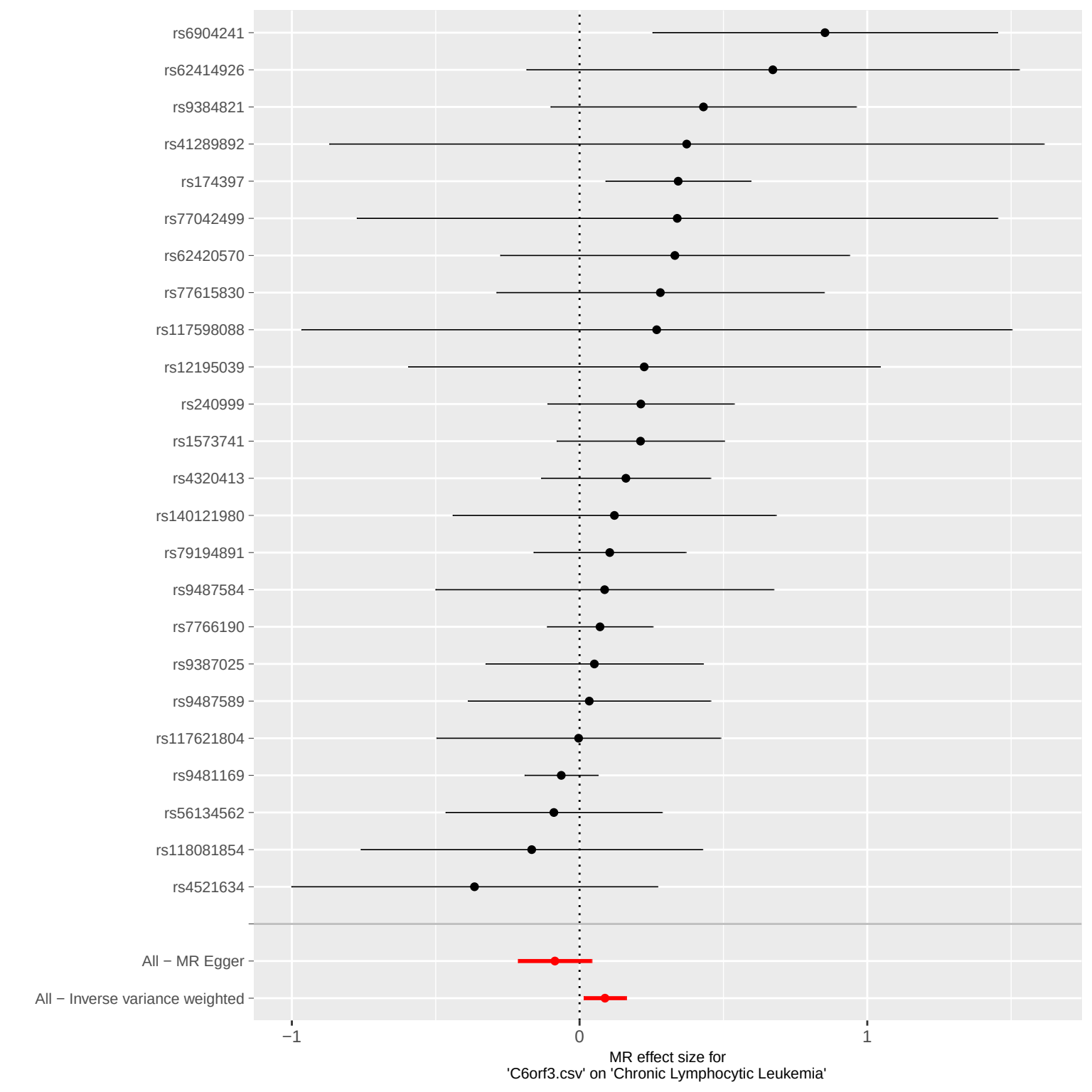
rs13176073
rs34112229
rs7718499
rs7732318
rs12519158
rs115851826
rs17504655
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'C5orf17.csv' on 'Chronic Lymphocytic Leukemia'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rs1573741
rs4320413
rs140121980
rs79194891
rs9487584
rs7766190
rs9387025
rs9487589
rs117621804
rs9481169
rs56134562
rs118081854
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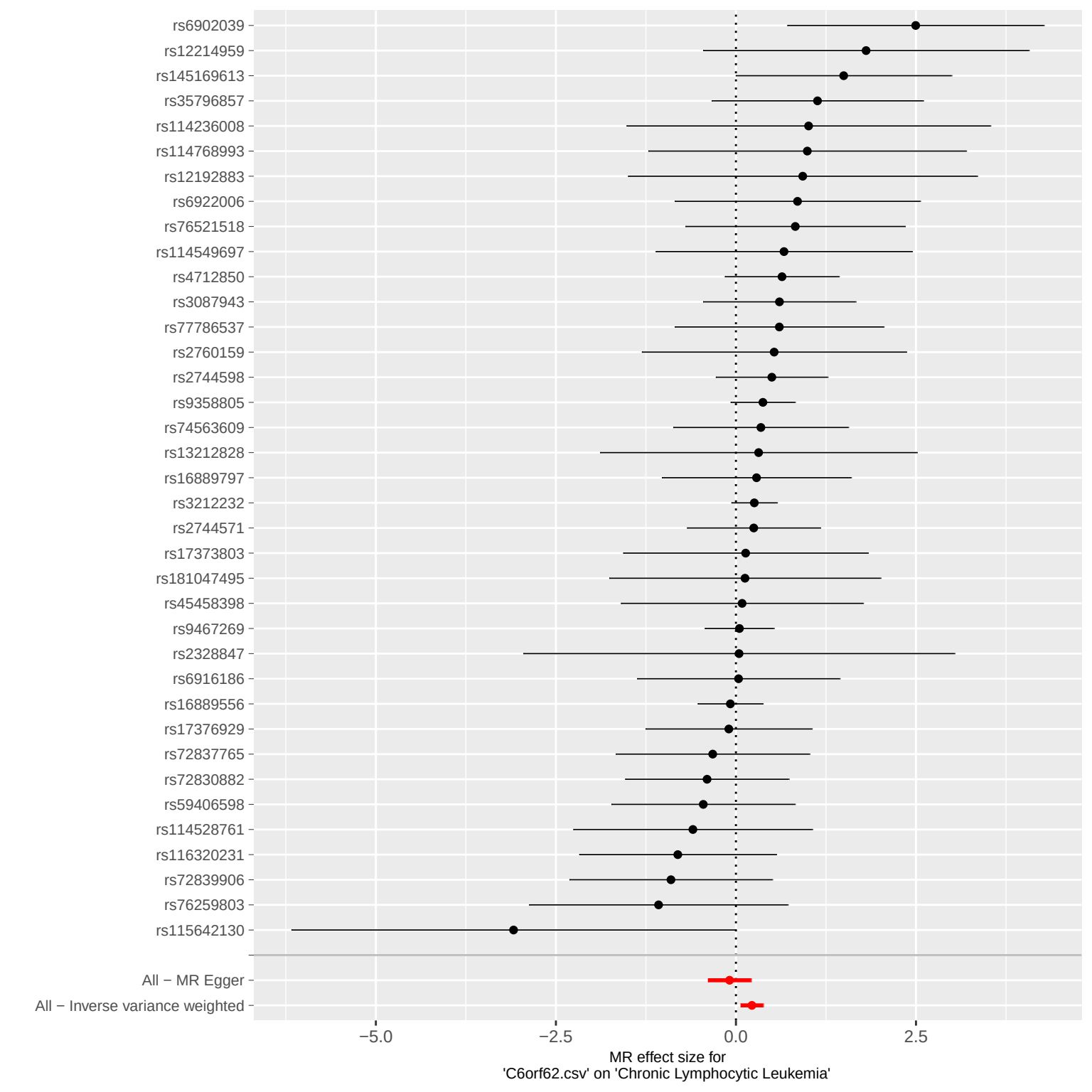
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'C6orf3.csv' on 'Chronic Lymphocytic Leukemia'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rs72830882
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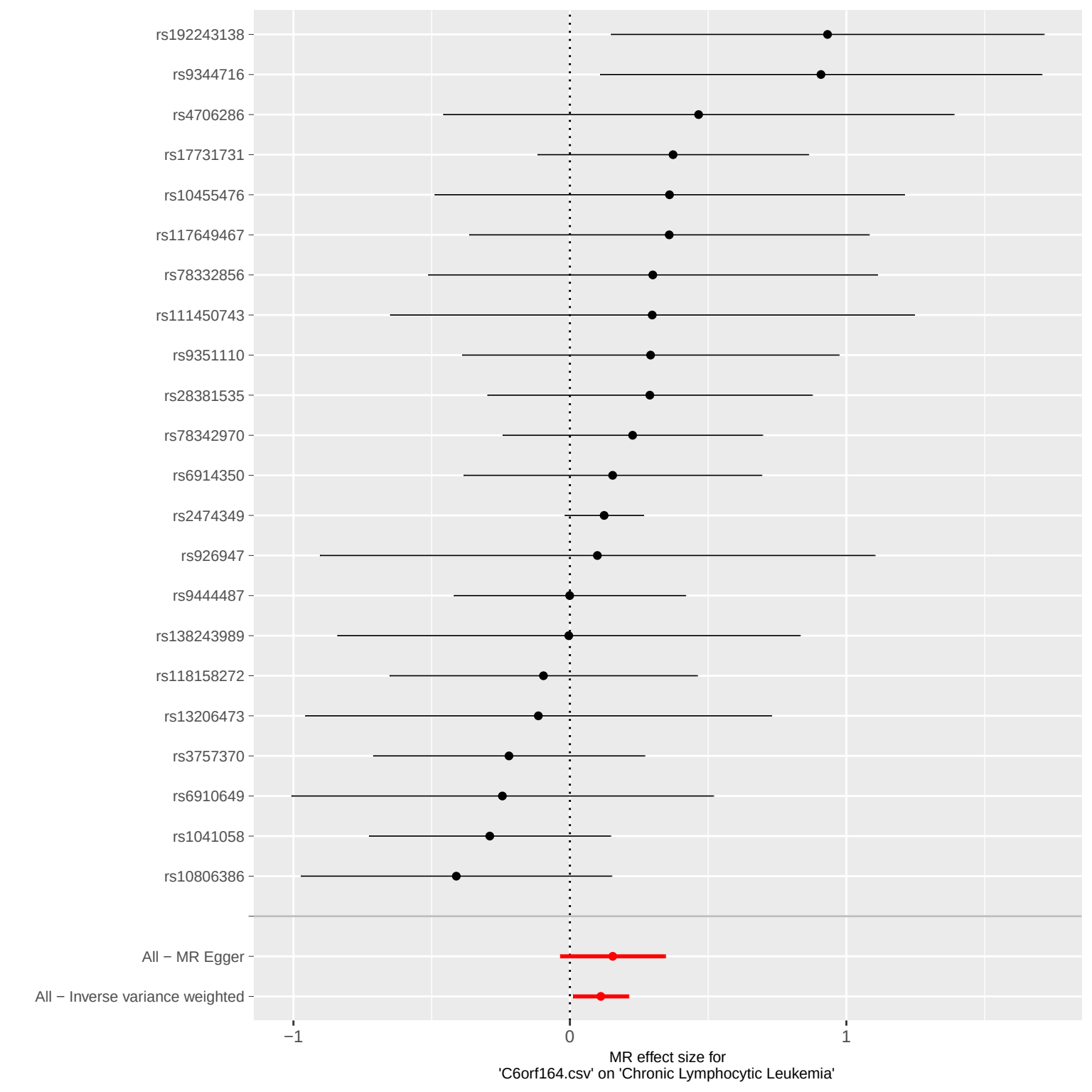
rs114528761
rs116320231
rs72839906
rs76259803
rs115642130
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'C6orf62.csv' on 'Chronic Lymphocytic Leukemia'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rs13206473
rs3757370
rs6910649
rs1041058
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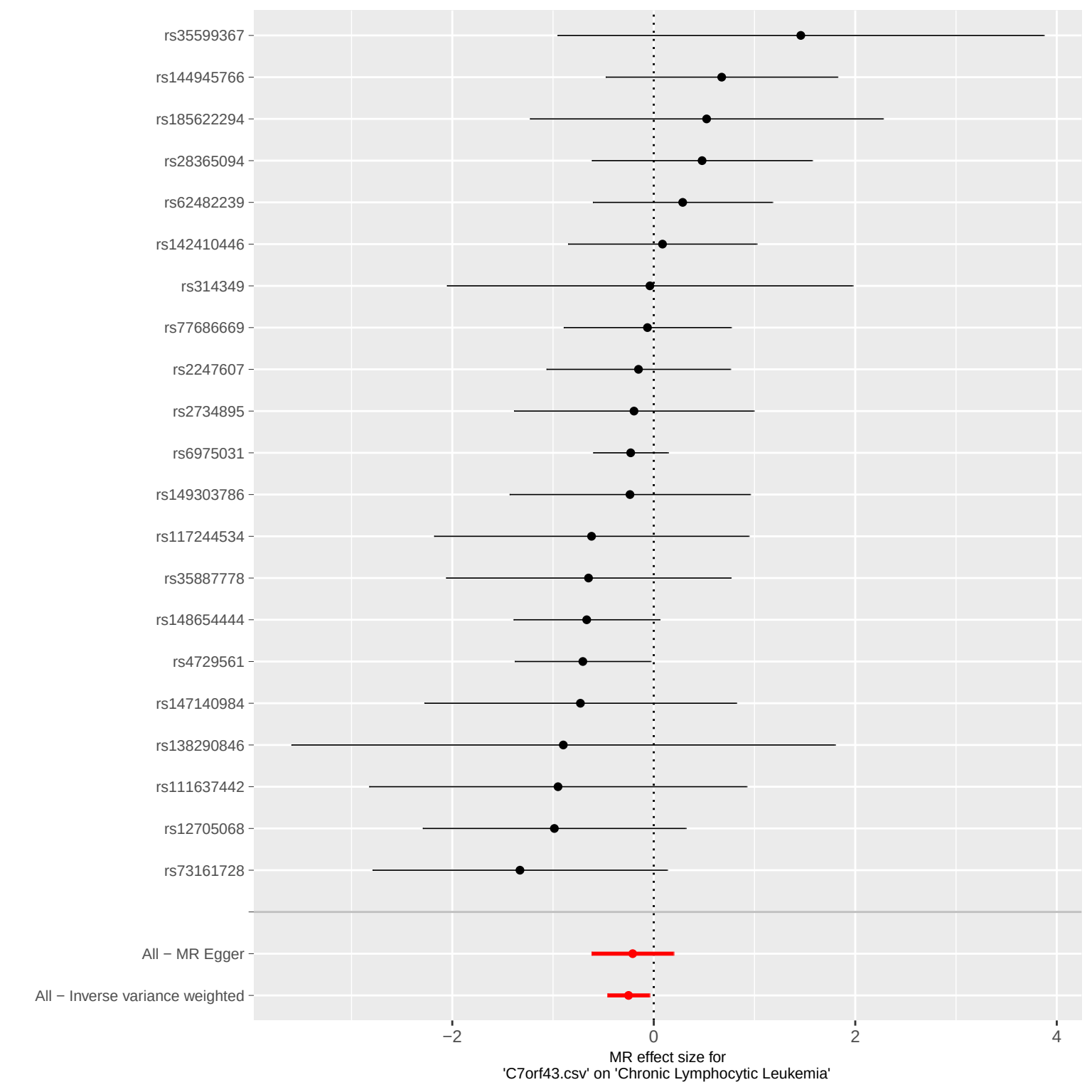
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'C6orf164.csv' on 'Chronic Lymphocytic Leukemia'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rs148654444
rs4729561
rs147140984
rs138290846
rs111637442
rs12705068
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All − MR Egger
All − Inverse variance weighted
−2
0
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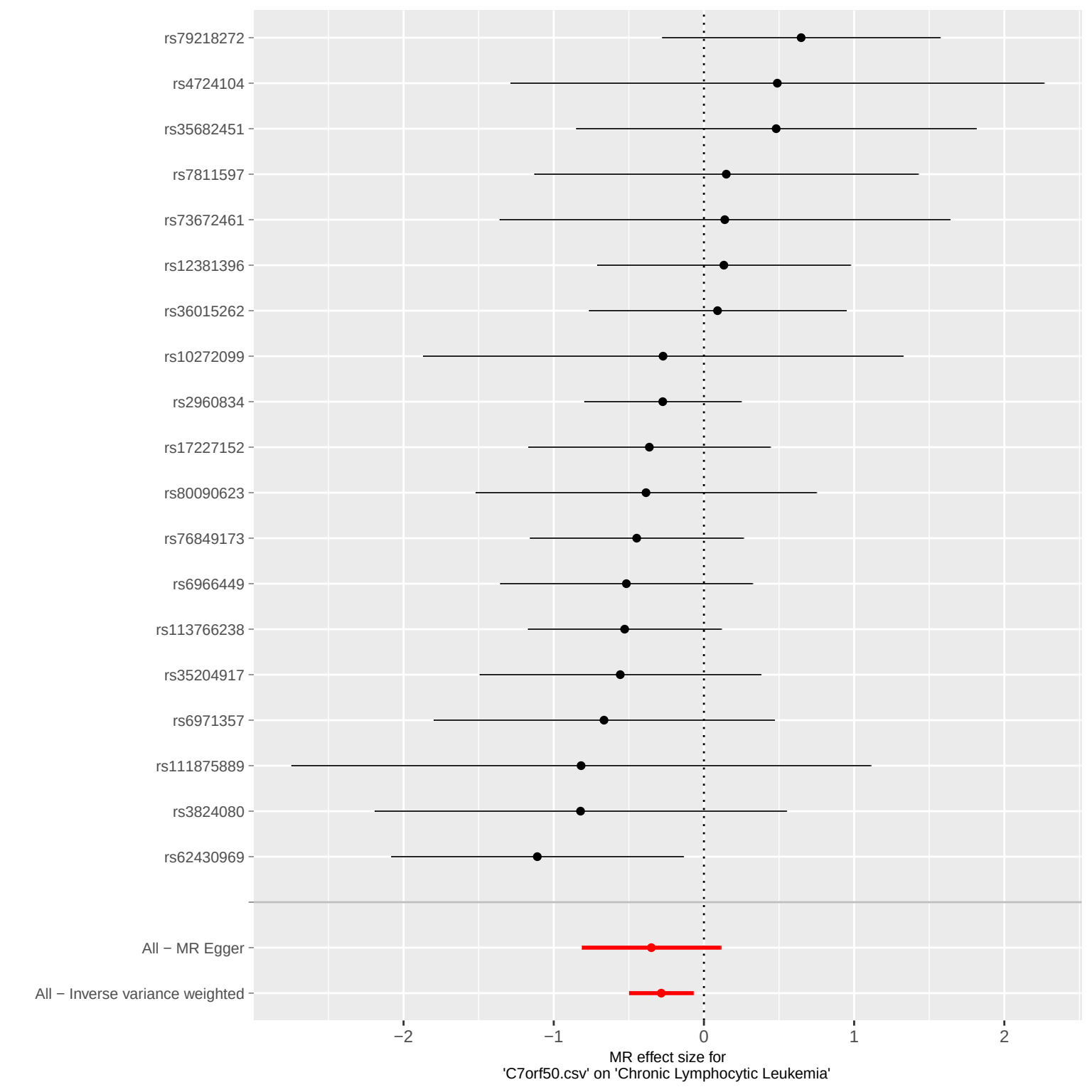
4
MR effect size for
'C7orf43.csv' on 'Chronic Lymphocytic Leukemia'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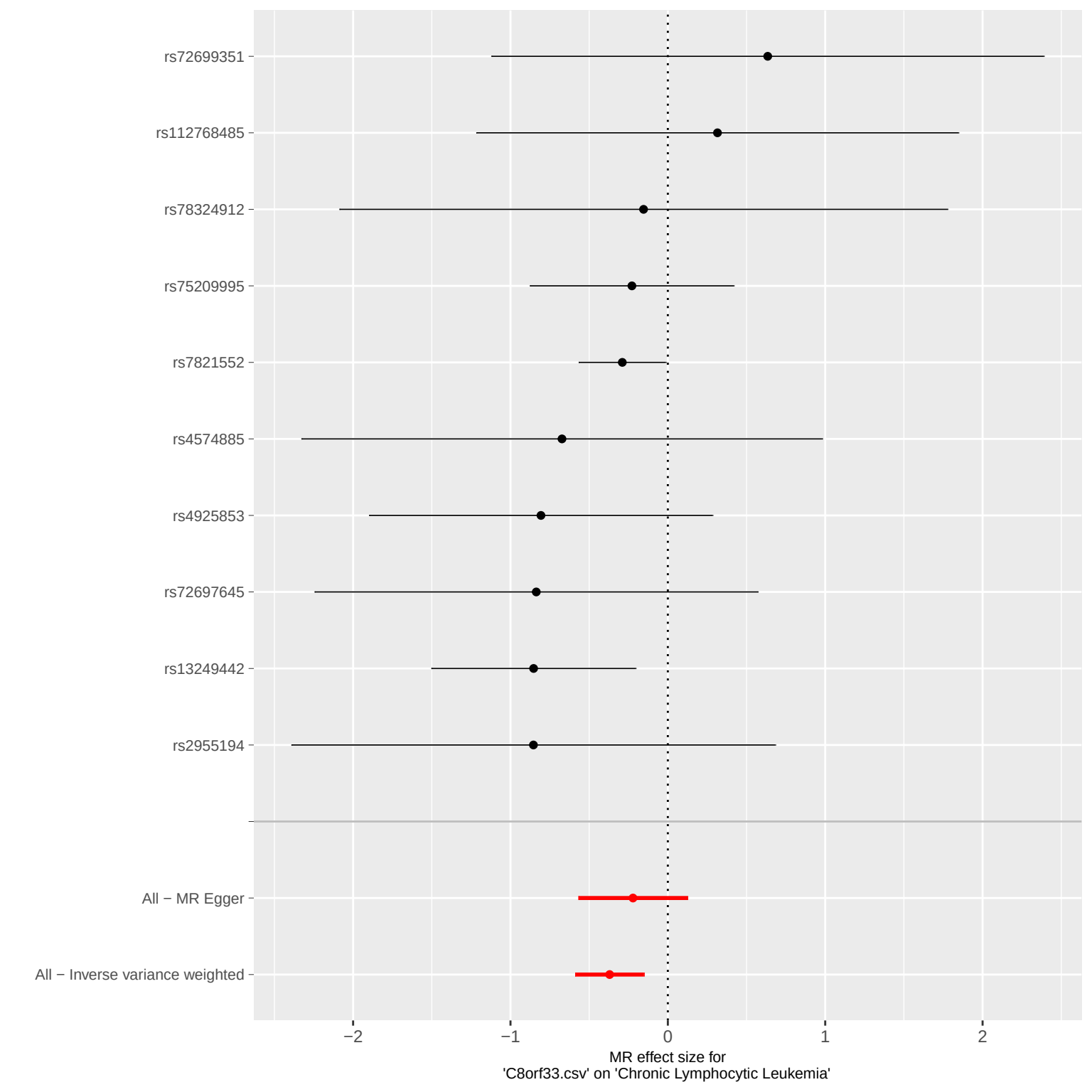
rs6966449
rs113766238
rs35204917
rs6971357
rs111875889
rs3824080
rs62430969
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'C7orf50.csv' on 'Chronic Lymphocytic Leukemia'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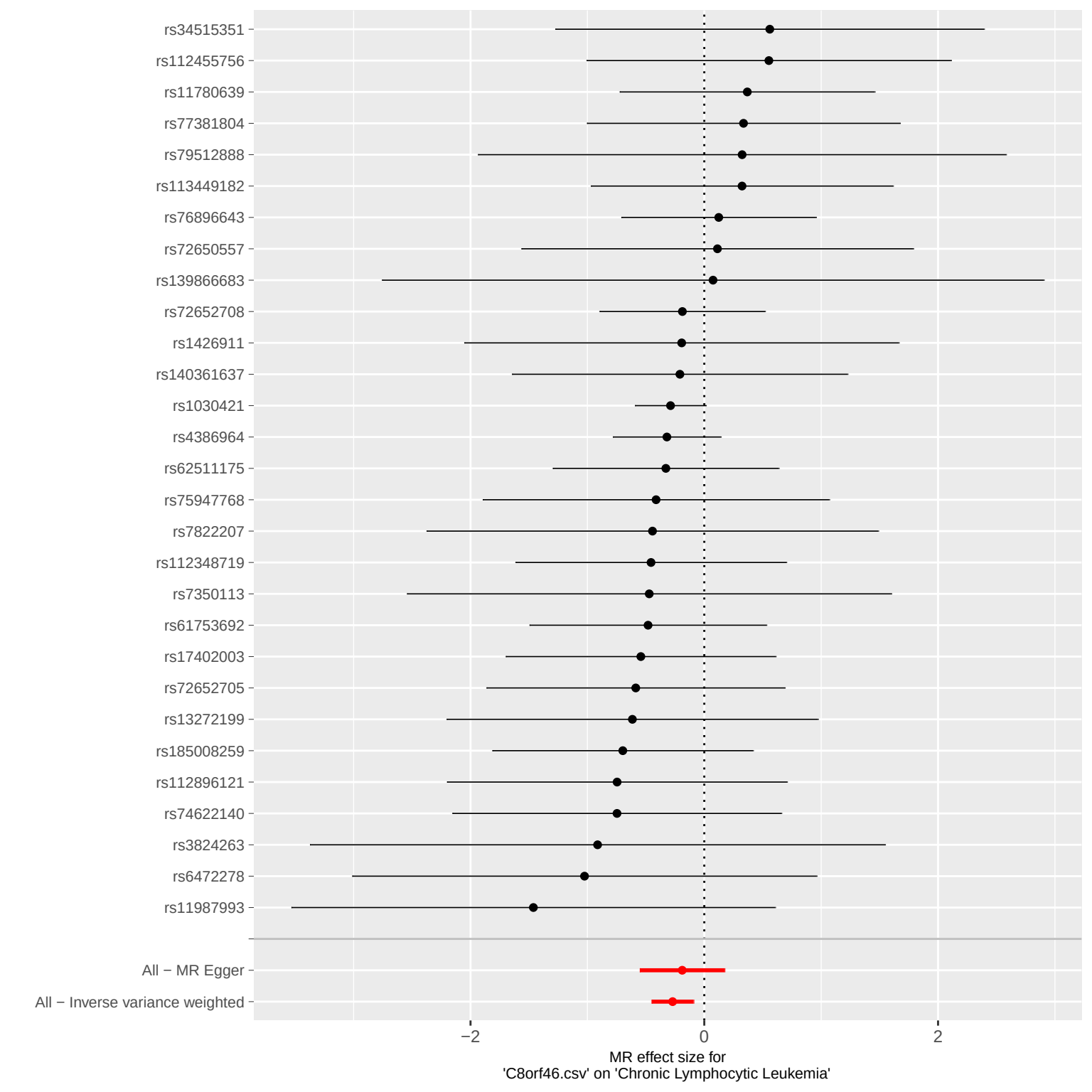
rs13249442
rs2955194
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'C8orf33.csv' on 'Chronic Lymphocytic Leukemia'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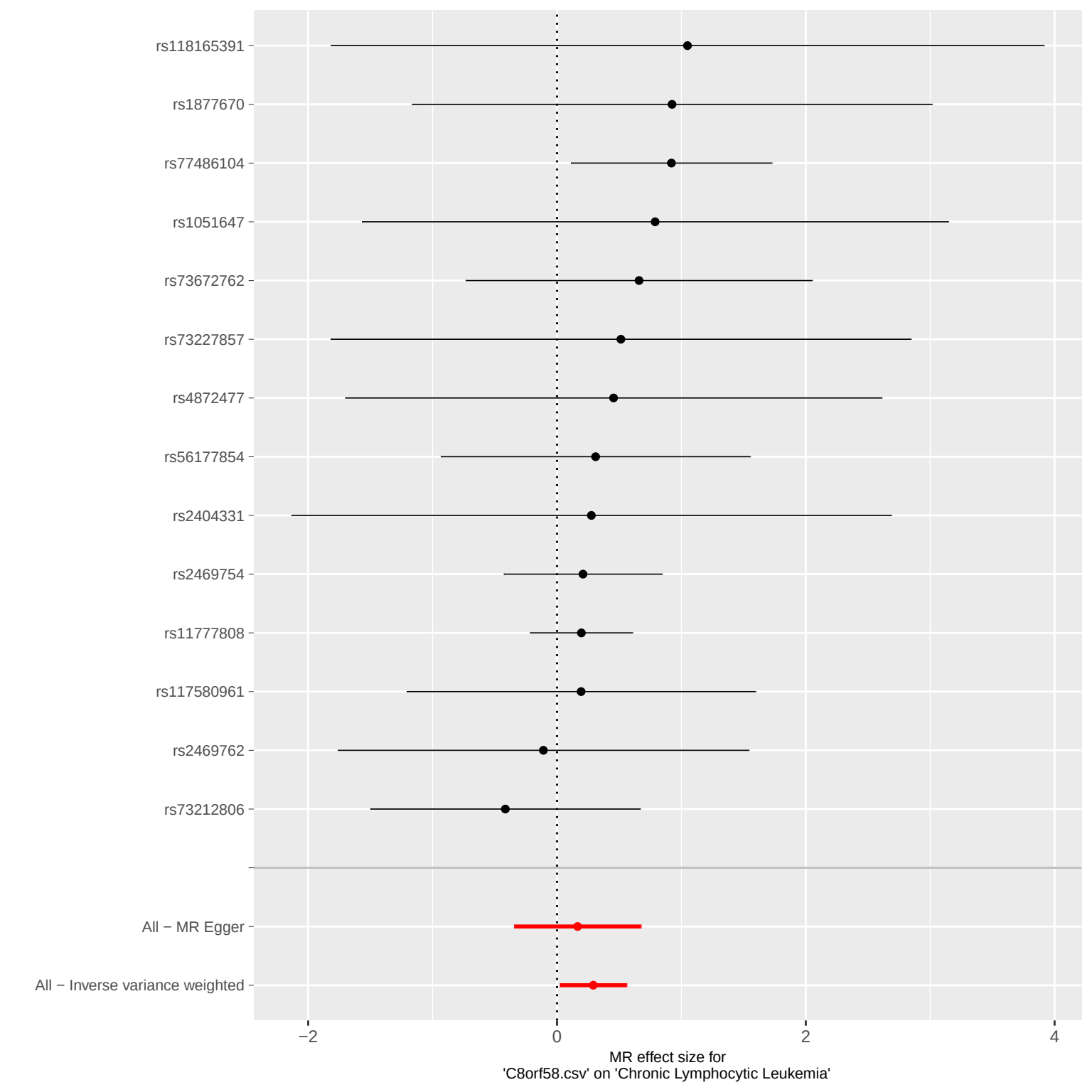
rs72652705
rs13272199
rs185008259
rs112896121
rs74622140
rs3824263
rs6472278
rs11987993
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'C8orf46.csv' on 'Chronic Lymphocytic Leukemia'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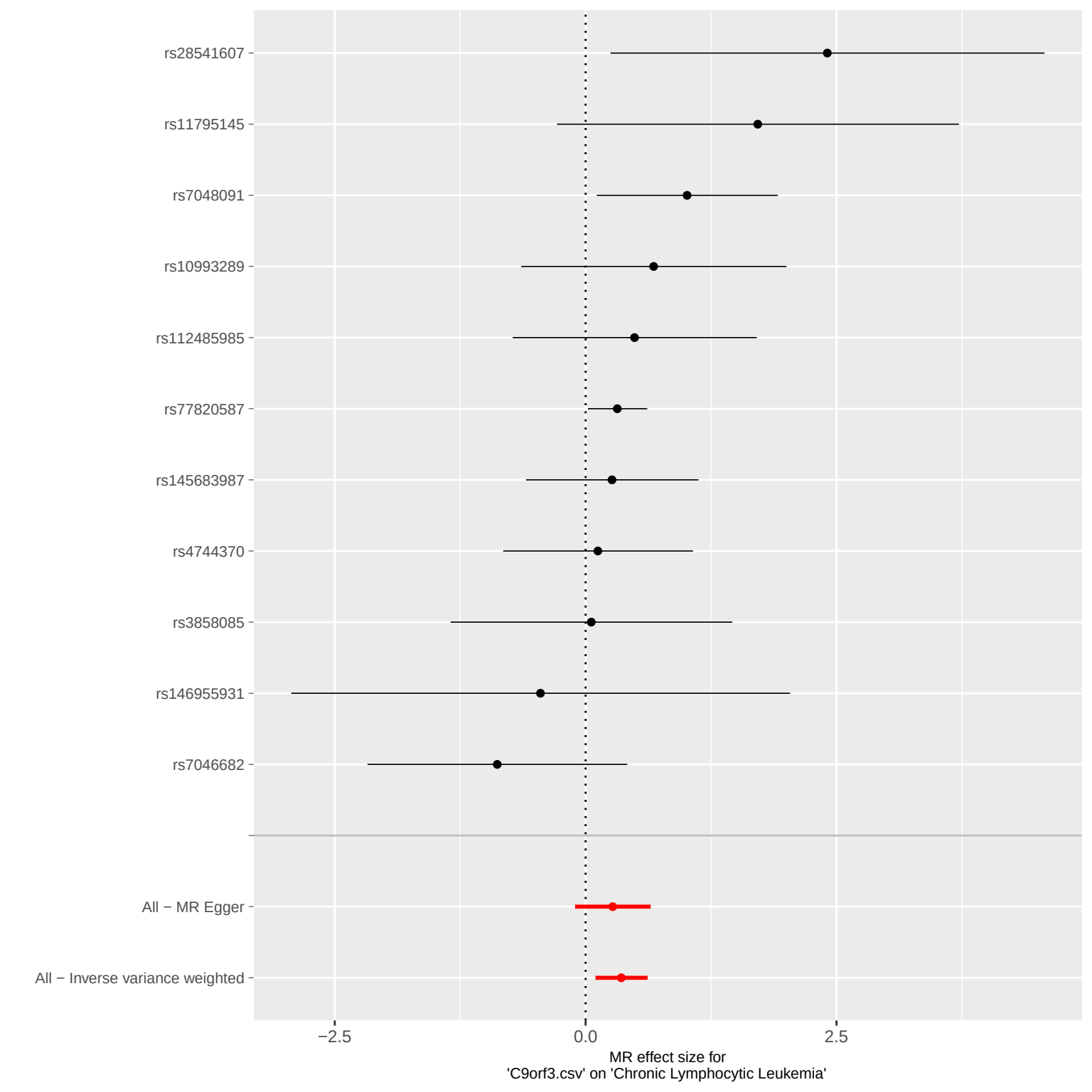
rs73227857
rs4872477
rs56177854
rs2404331
rs2469754
rs11777808
rs117580961
rs2469762
rs73212806
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C8orf58.csv' on 'Chronic Lymphocytic Leukemia'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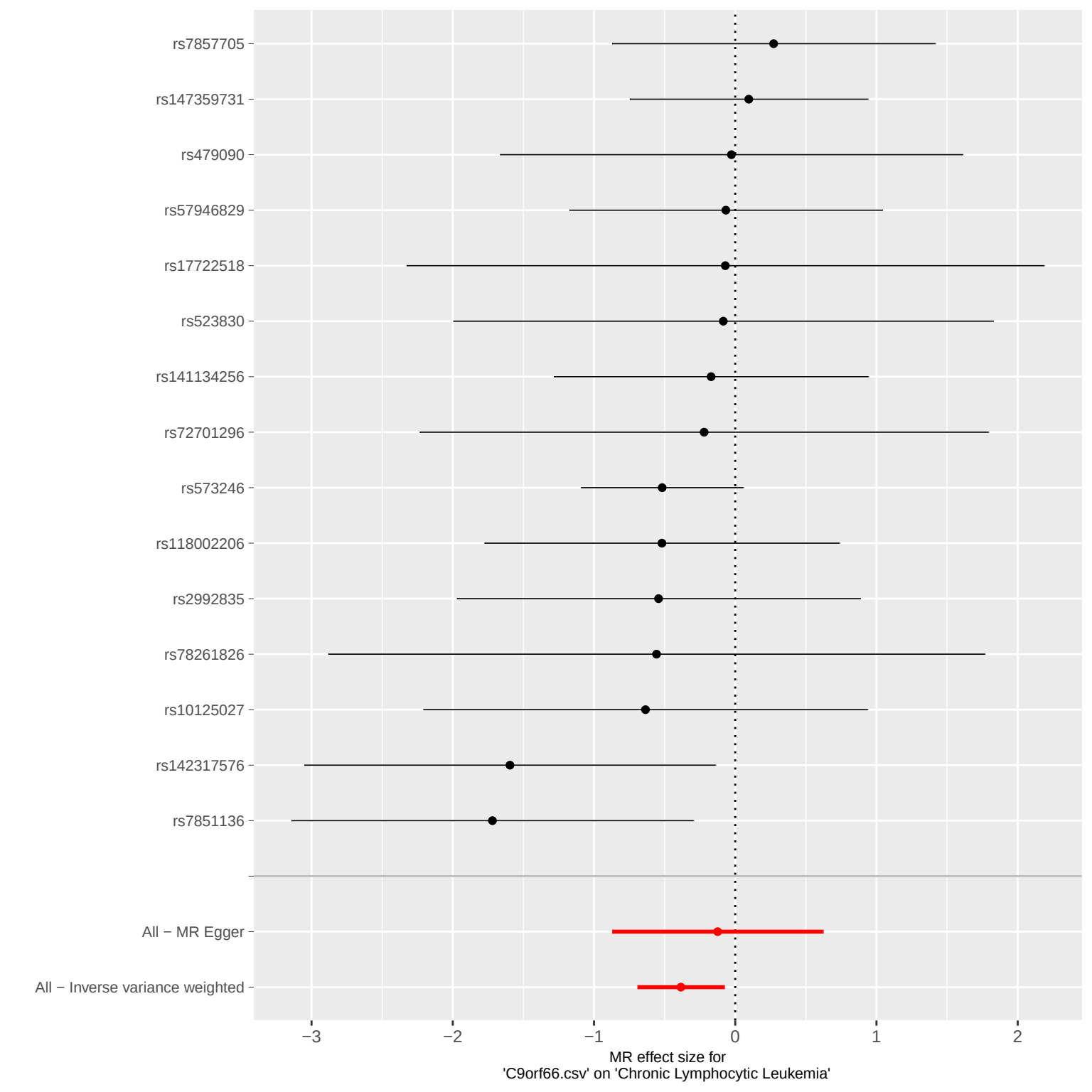
rs4744370
rs3858085
rs146955931
rs7046682
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'C9orf3.csv' on 'Chronic Lymphocytic Leukemia'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rs72701296
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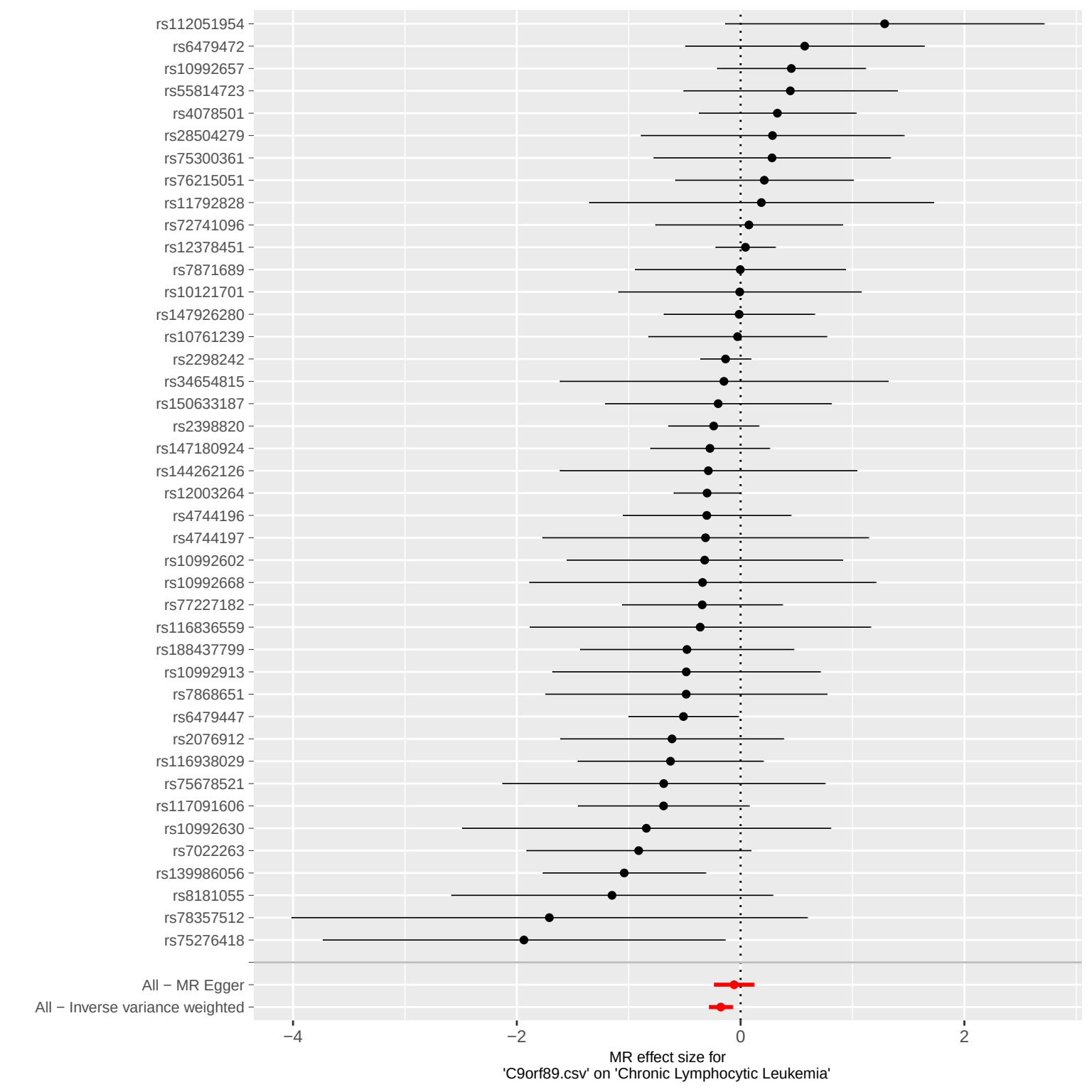
rs2992835
rs78261826
rs10125027
rs142317576
rs7851136
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'C9orf66.csv' on 'Chronic Lymphocytic Leukemia'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rs77227182
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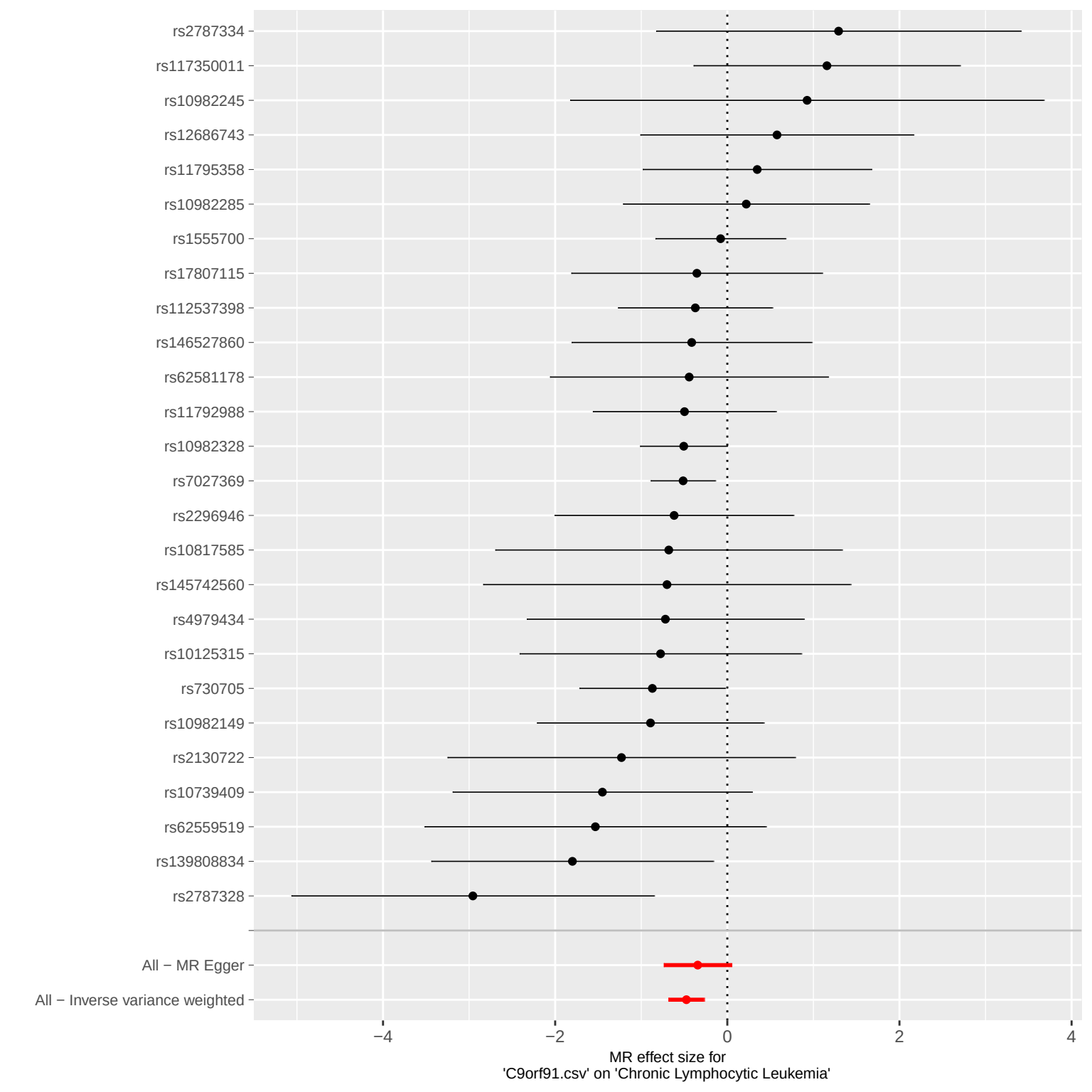
rs117091606
rs10992630
rs7022263
rs139986056
rs8181055
rs78357512
rs75276418
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'C9orf89.csv' on 'Chronic Lymphocytic Leukemia'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rs2296946
rs10817585
rs145742560
rs4979434
rs10125315
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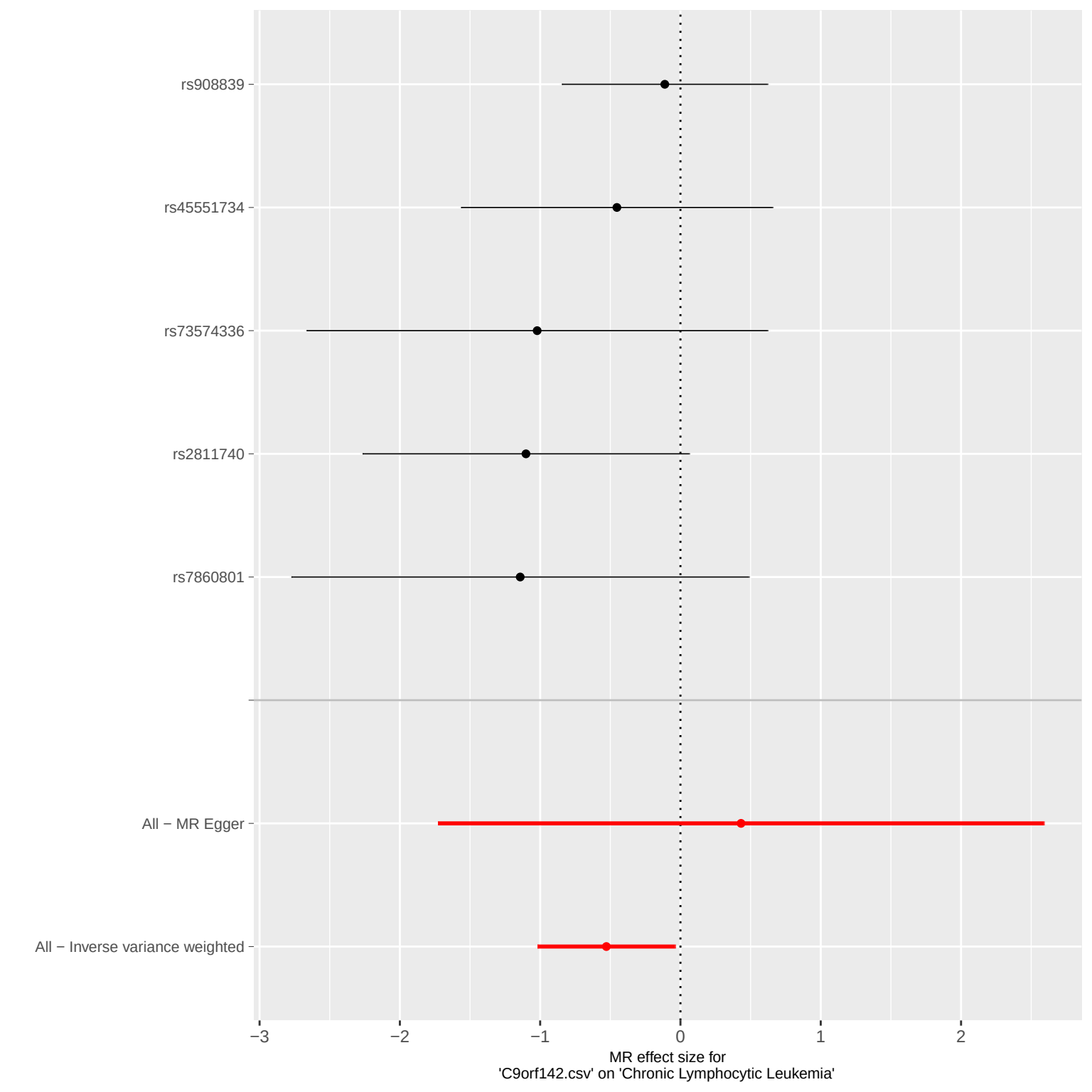
rs10982149
rs2130722
rs10739409
rs62559519
rs139808834
rs2787328
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'C9orf91.csv' on 'Chronic Lymphocytic Leukemia'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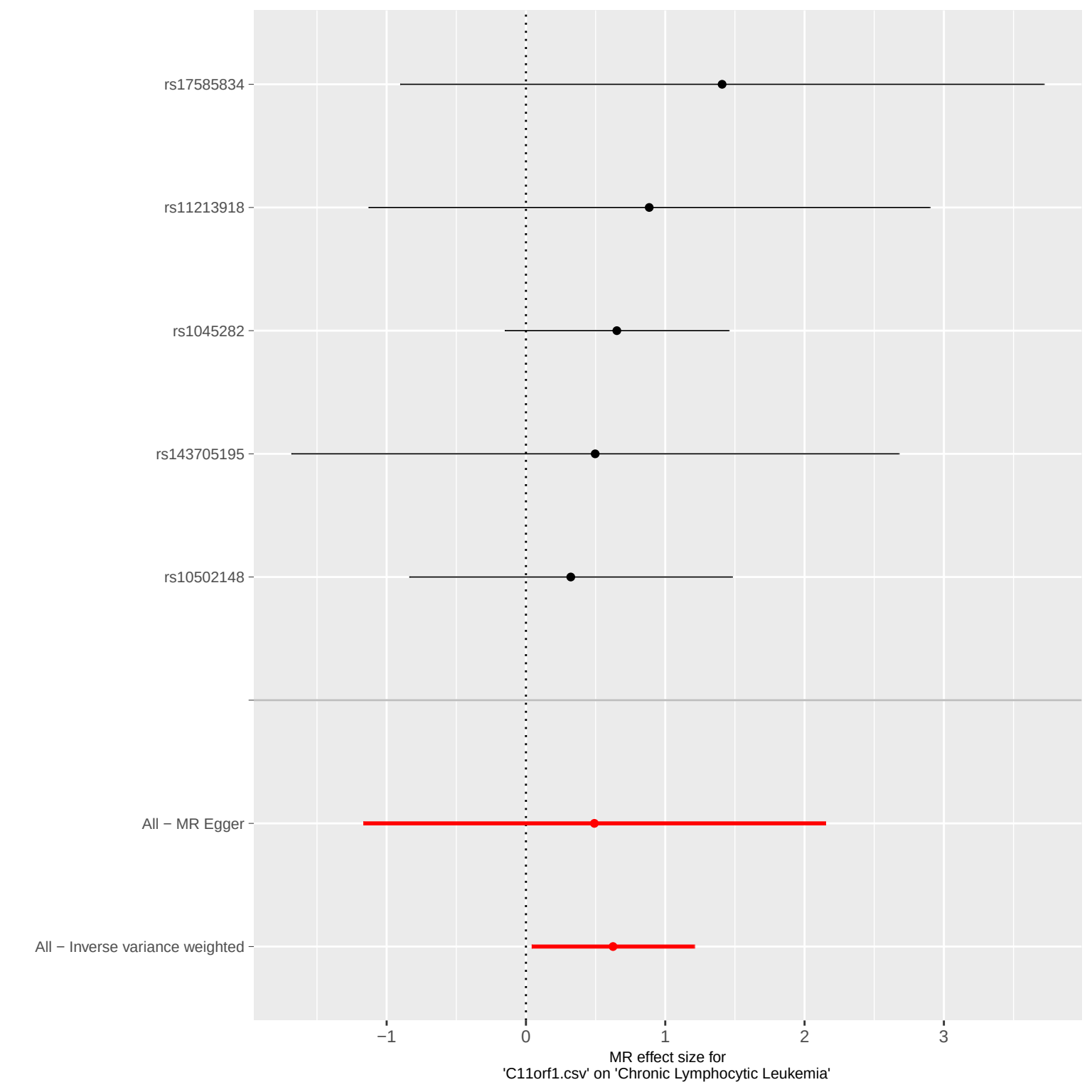
rs2811740
rs7860801
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'C9orf142.csv' on 'Chronic Lymphocytic Leukemia'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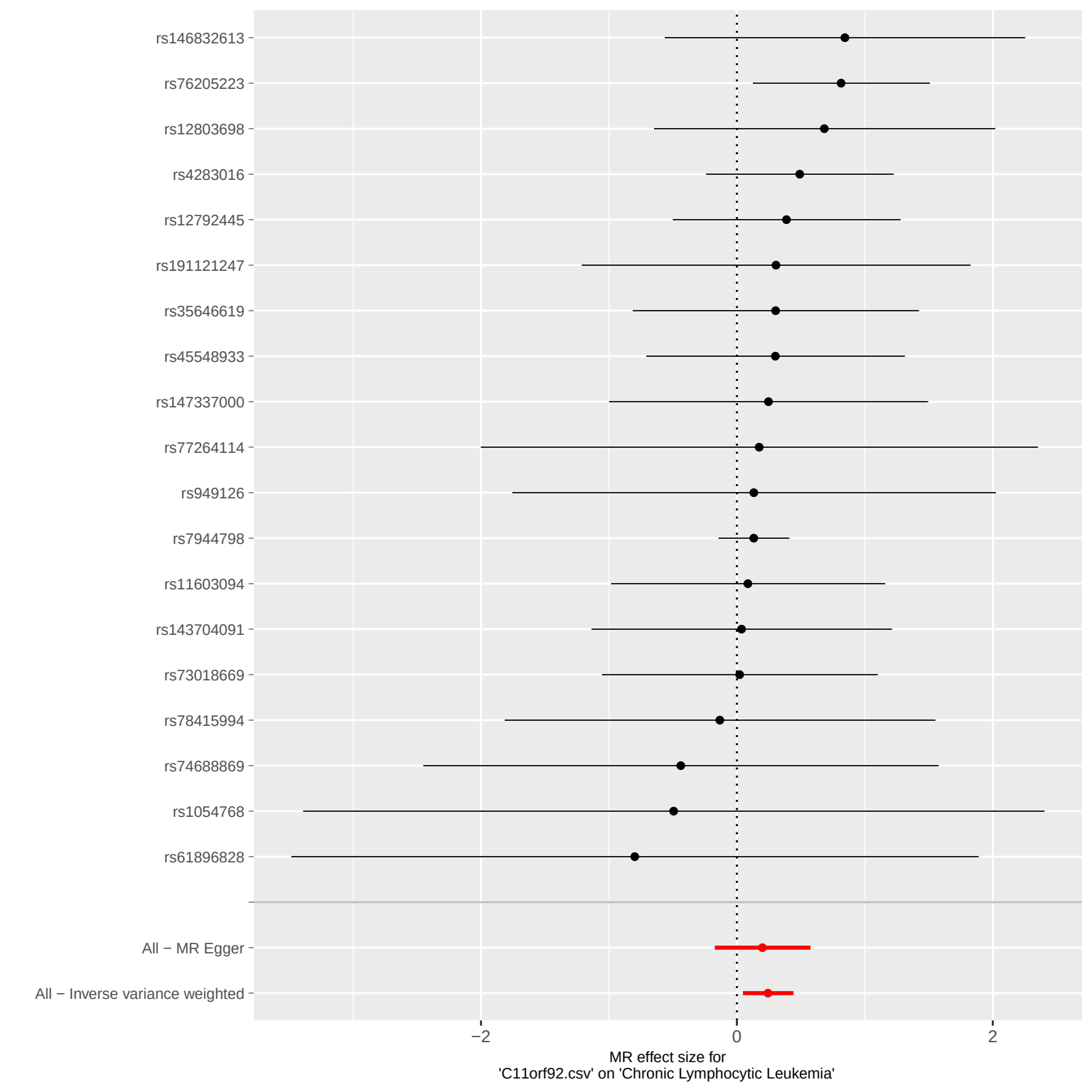
rs1045282
rs143705195
rs10502148
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'C11orf1.csv' on 'Chronic Lymphocytic Leukemia'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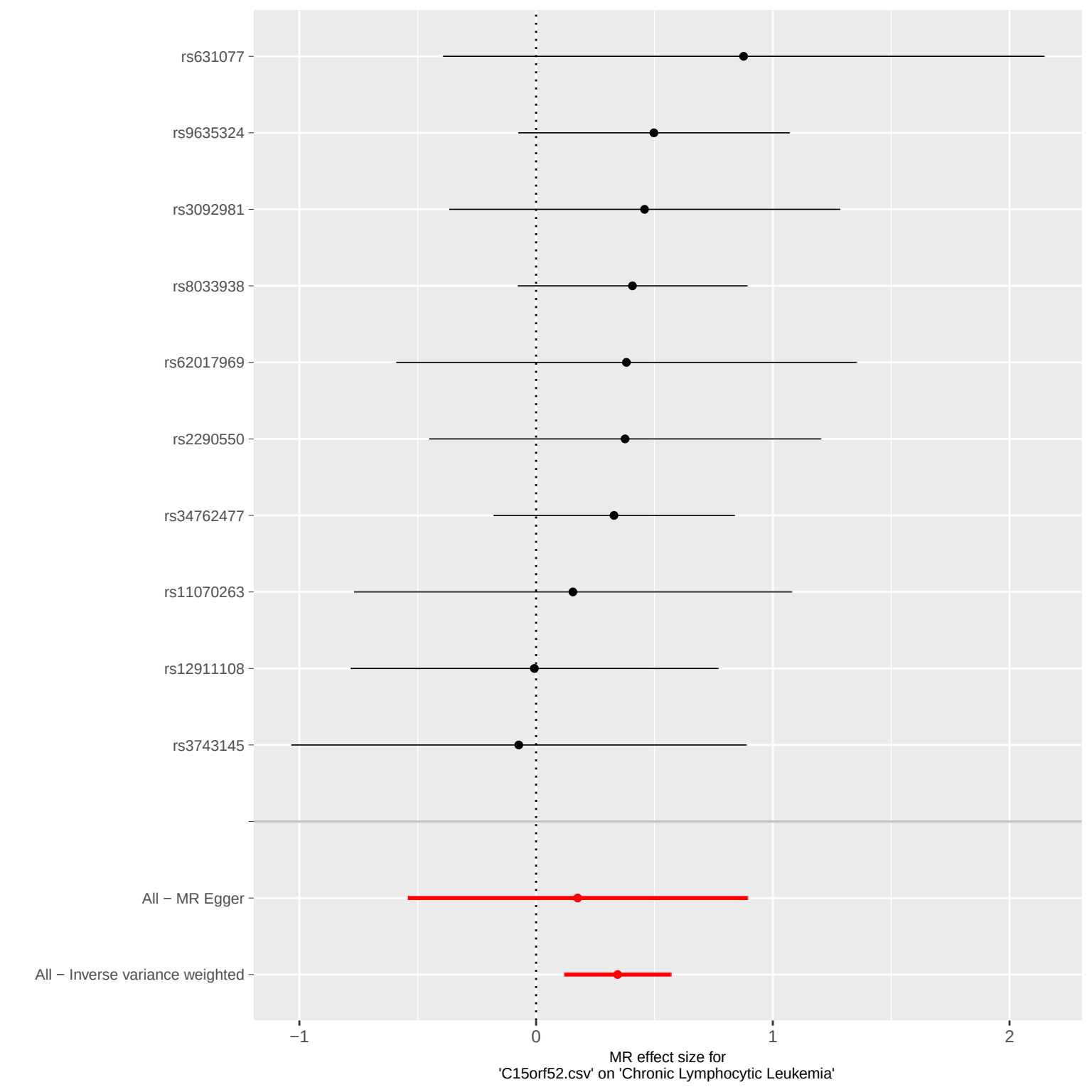
rs7944798
rs11603094
rs143704091
rs73018669
rs78415994
rs74688869
rs1054768
rs61896828
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'C11orf92.csv' on 'Chronic Lymphocytic Leukemia'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rs11070263
rs12911108
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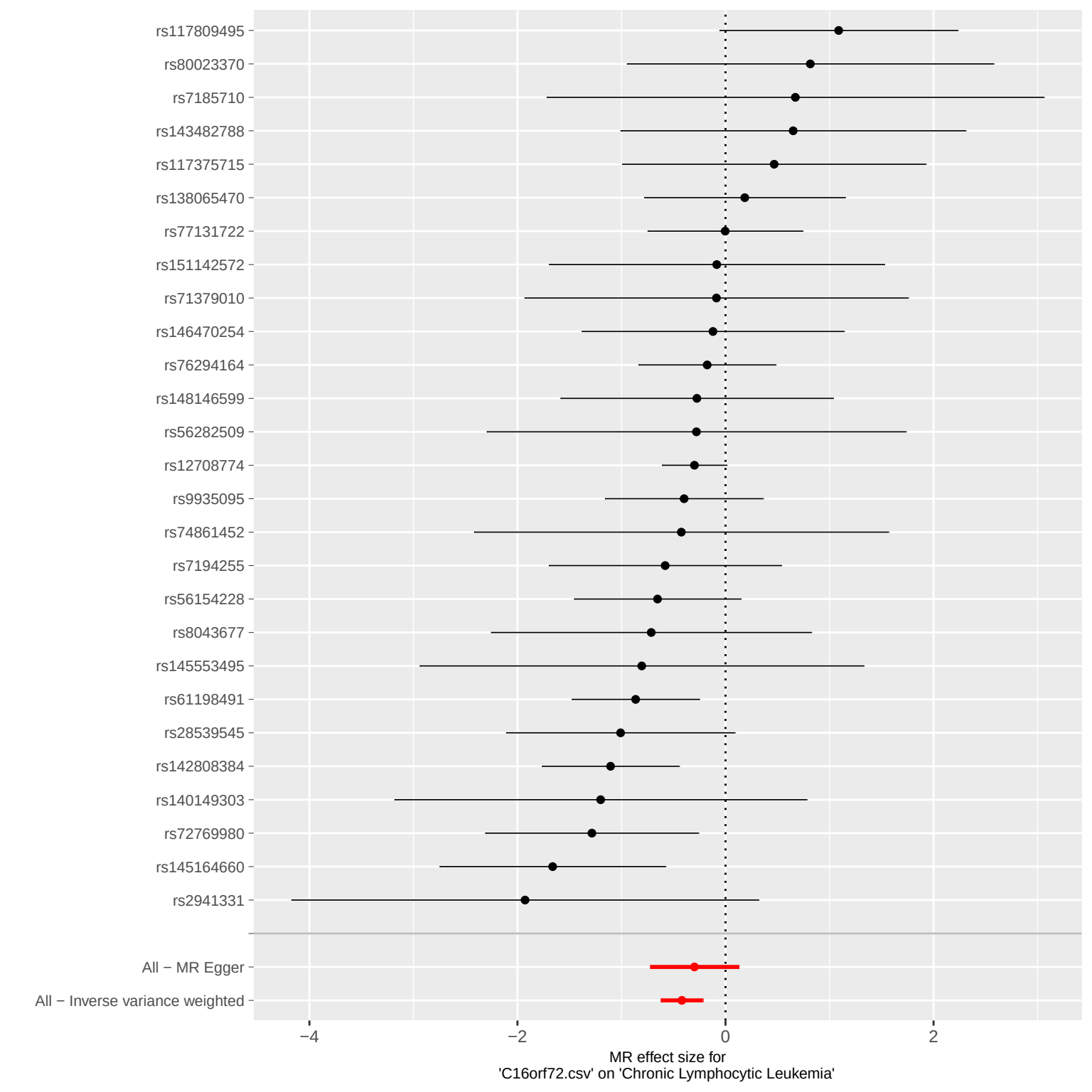
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'C15orf52.csv' on 'Chronic Lymphocytic Leukemia'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rs28539545
rs142808384
rs140149303
rs72769980
rs145164660
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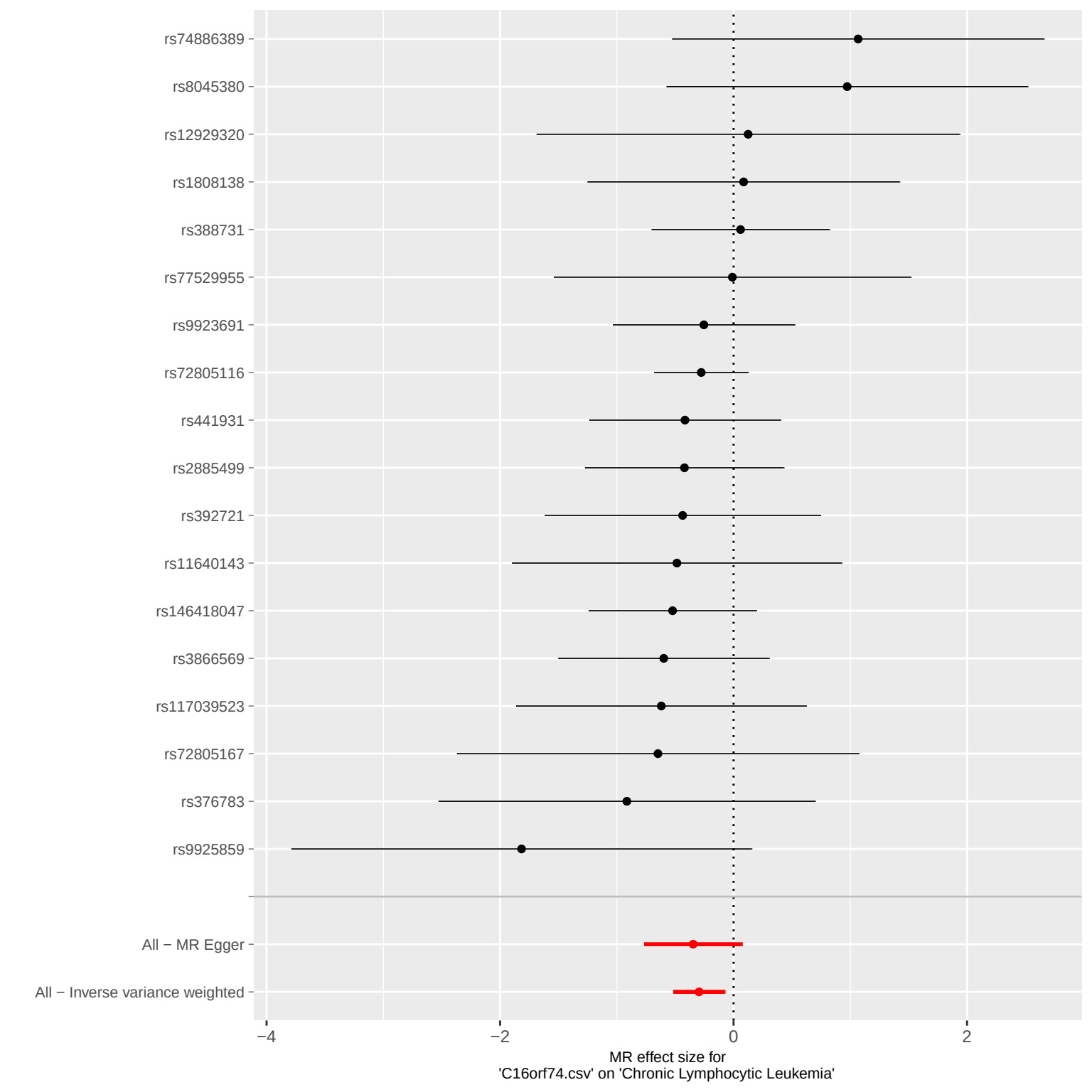
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'C16orf72.csv' on 'Chronic Lymphocytic Leukemia'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rs441931
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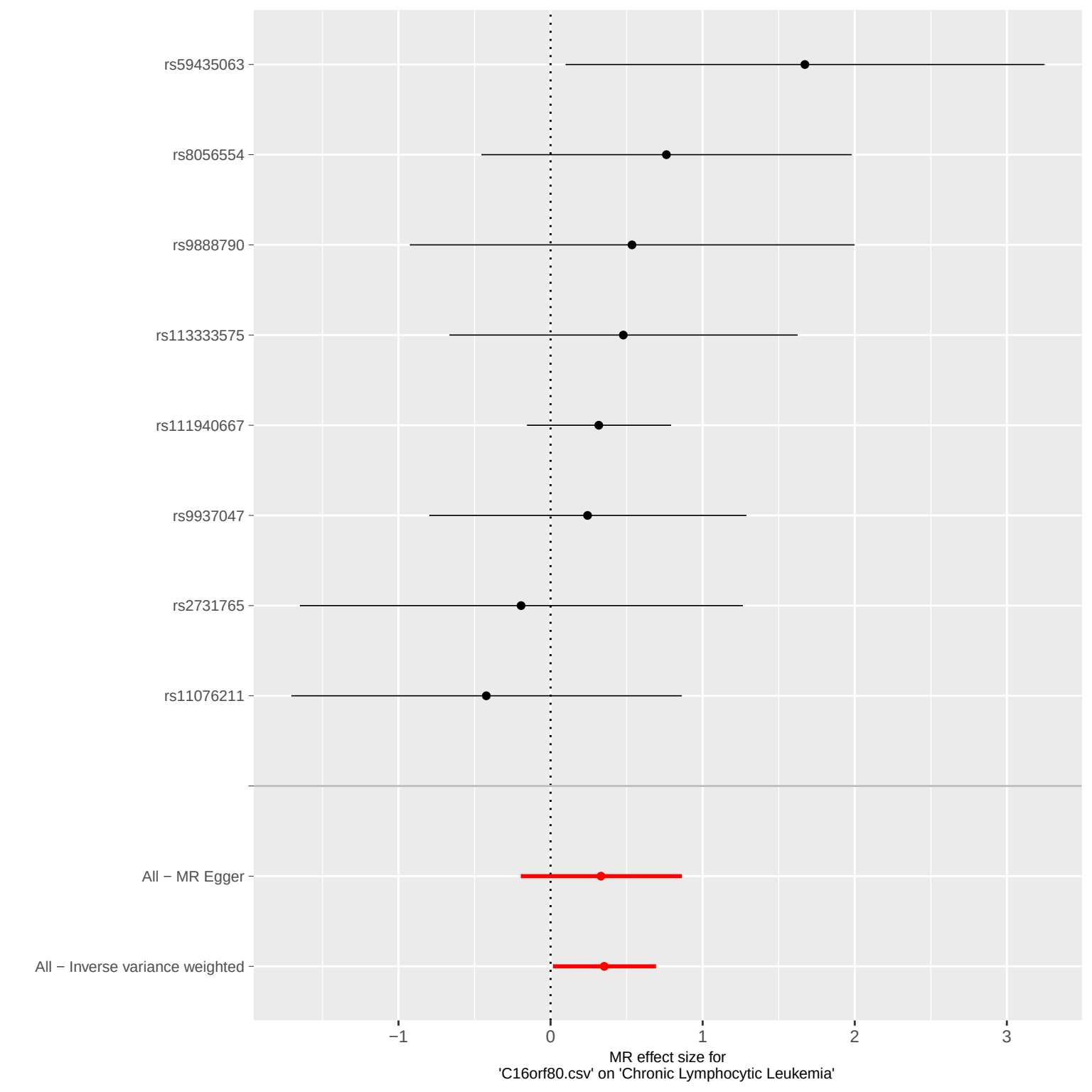
rs392721
rs11640143
rs146418047
rs3866569
rs117039523
rs72805167
rs376783
rs9925859
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'C16orf74.csv' on 'Chronic Lymphocytic Leukemia'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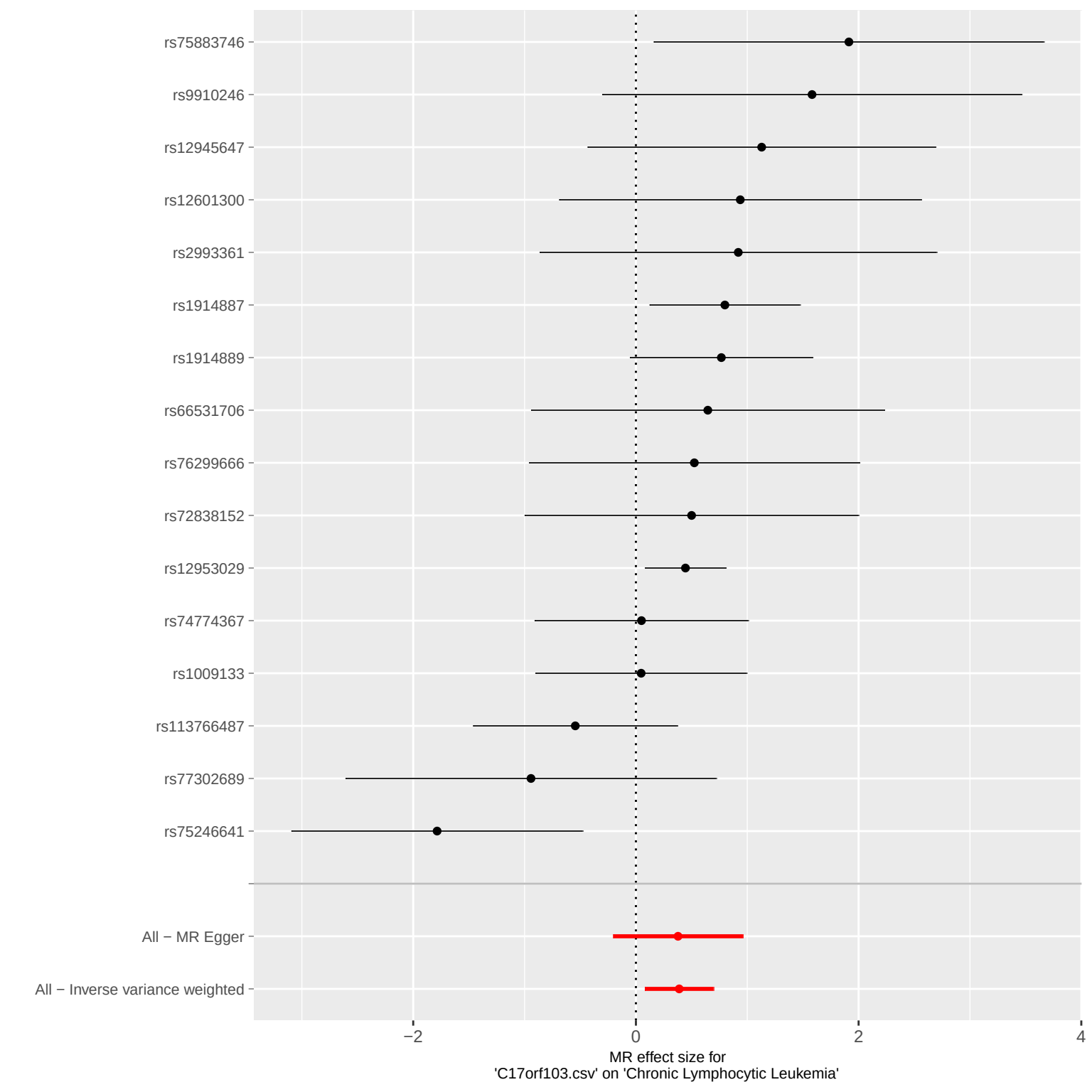
rs9888790
rs113333575
rs111940667
rs9937047
rs2731765
rs11076211
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'C16orf80.csv' on 'Chronic Lymphocytic Leukemia'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rs12953029
rs74774367
rs1009133
rs113766487
rs77302689
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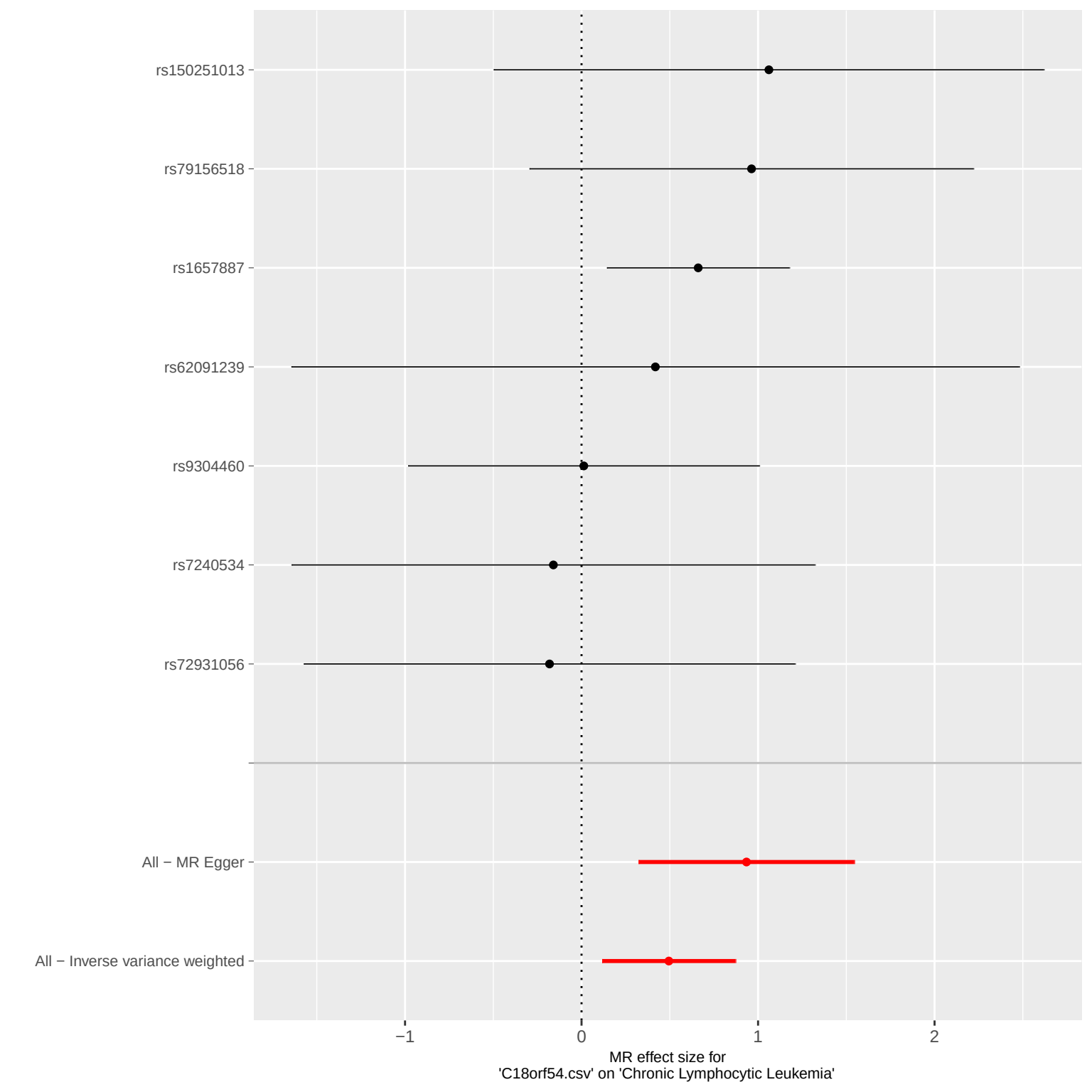
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'C17orf103.csv' on 'Chronic Lymphocytic Leukemia'


rs150251013
rs79156518
rs1657887
rs62091239
rs9304460
rs7240534
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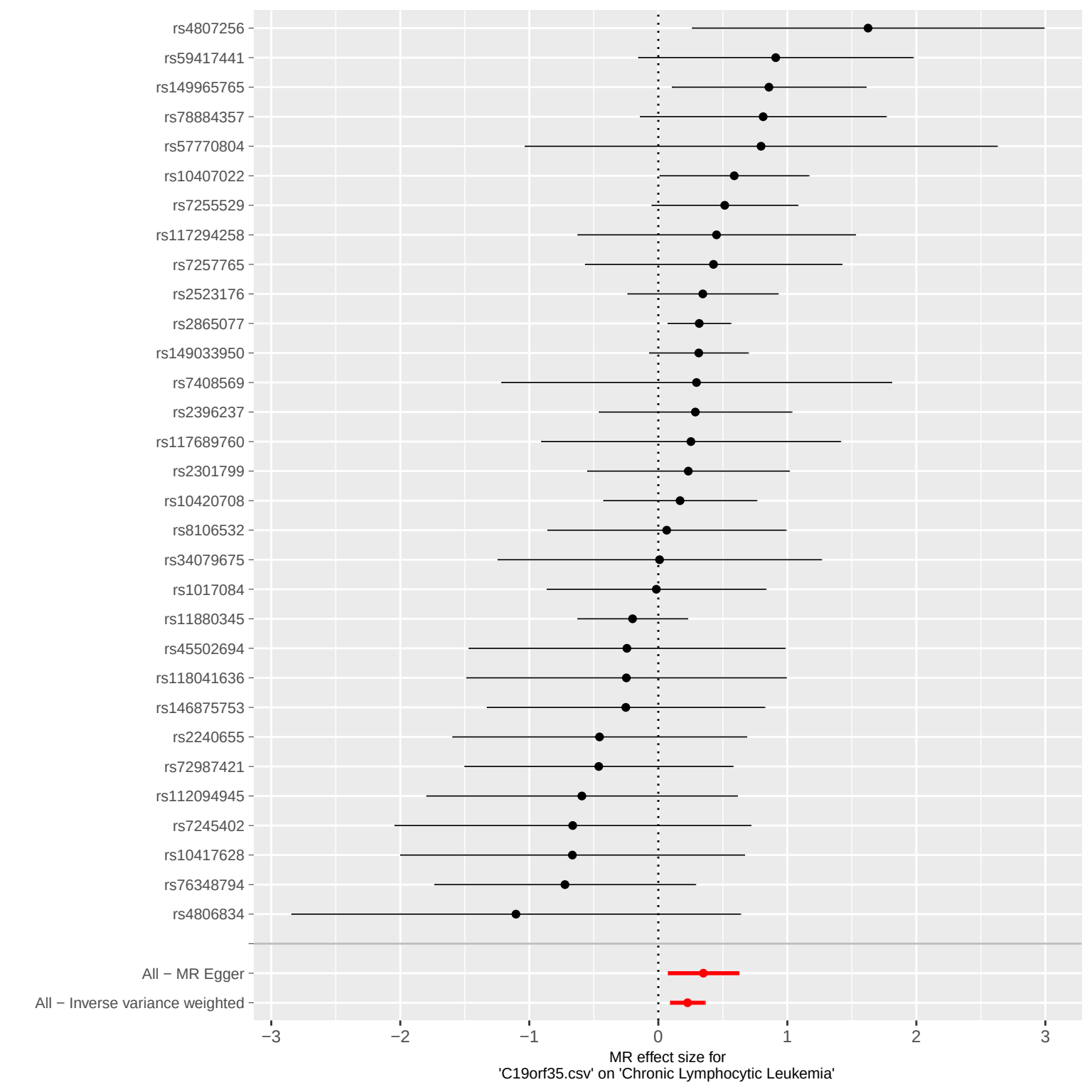
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'C18orf54.csv' on 'Chronic Lymphocytic Leukemia'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rs10420708
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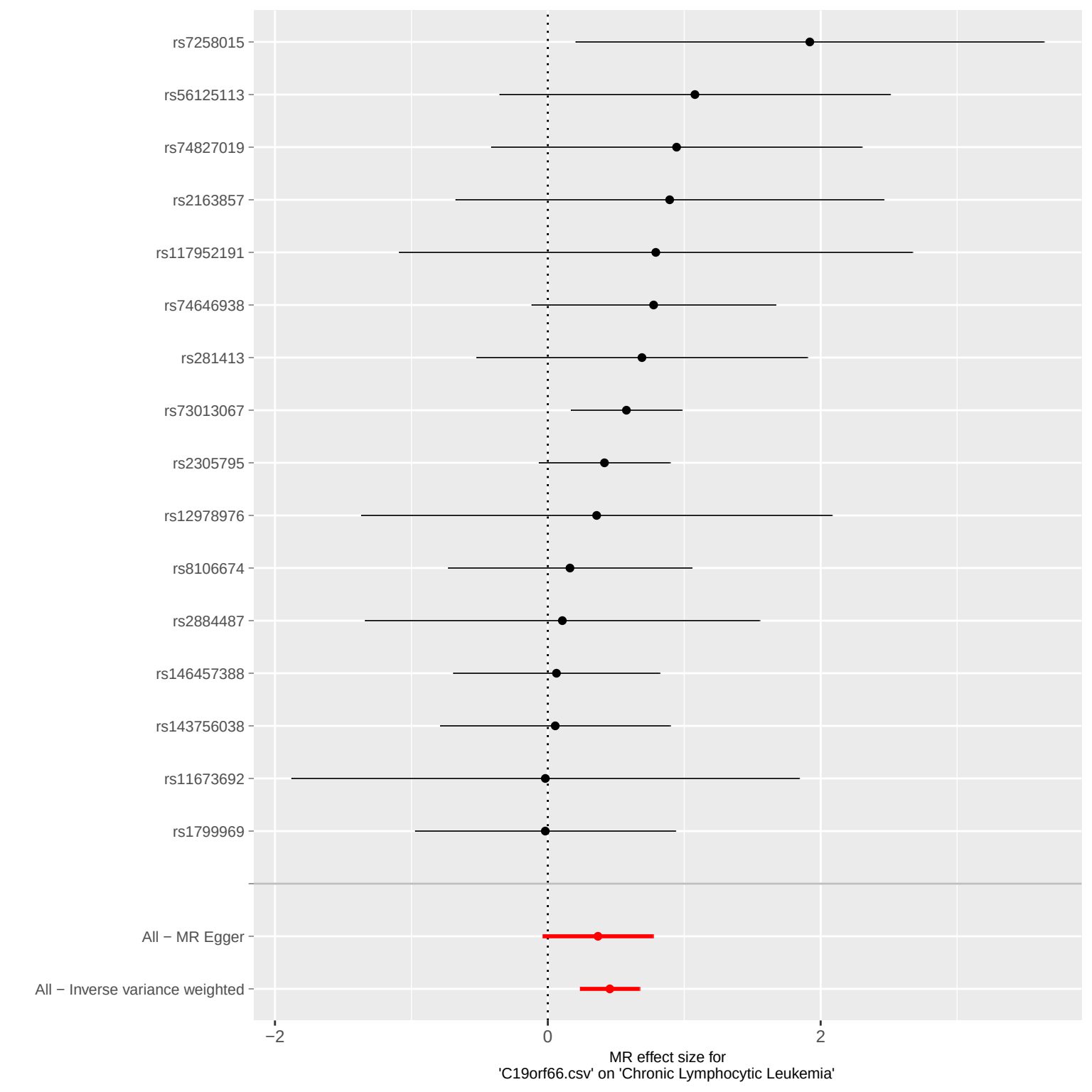
rs34079675
rs1017084
rs11880345
rs45502694
rs118041636
rs146875753
rs2240655
rs72987421
rs112094945
rs7245402
rs10417628
rs76348794
rs4806834
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'C19orf35.csv' on 'Chronic Lymphocytic Leukemia'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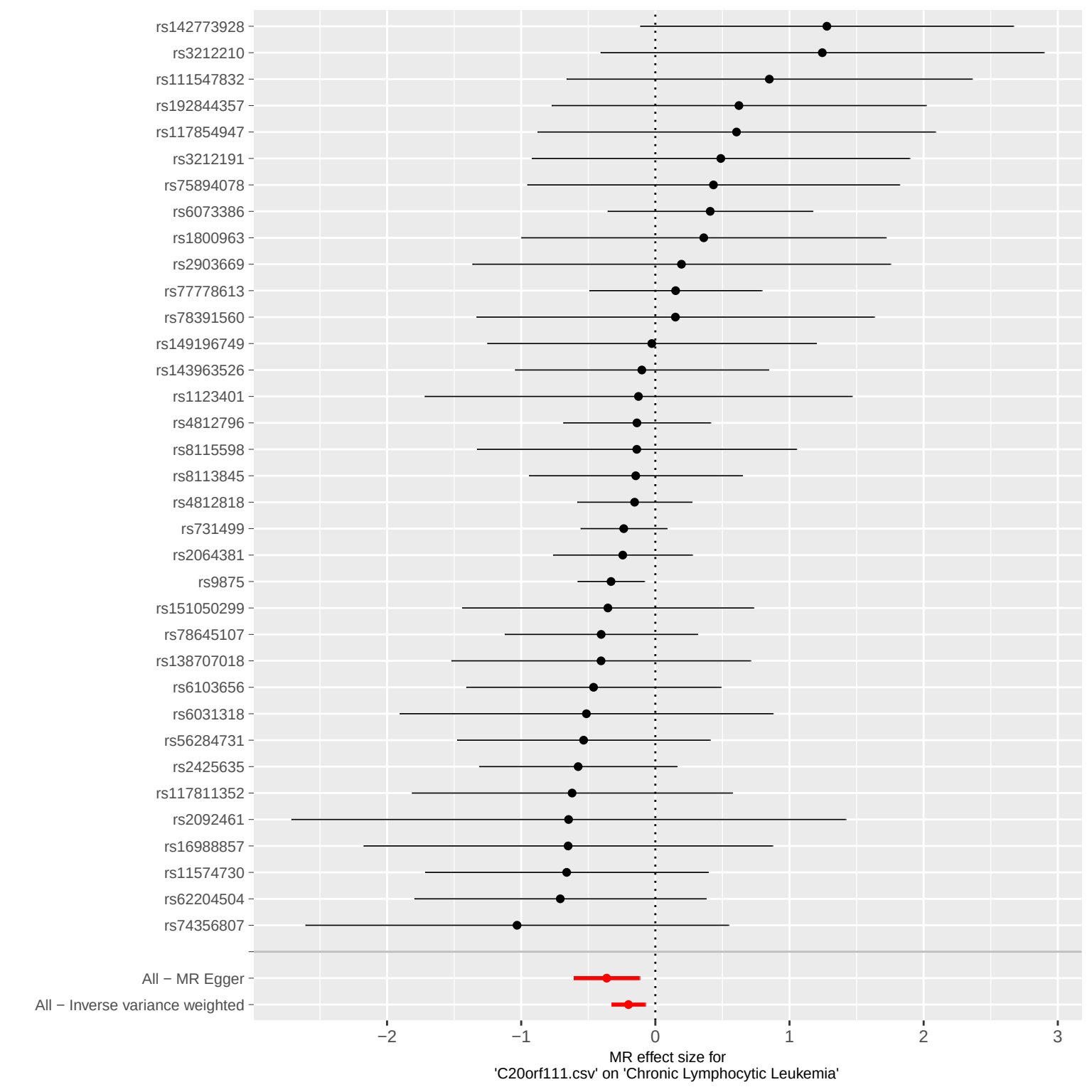
rs281413
rs73013067
rs2305795
rs12978976
rs8106674
rs2884487
rs146457388
rs143756038
rs11673692
rs1799969
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'C19orf66.csv' on 'Chronic Lymphocytic Leukemia'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rs2064381
rs9875
rs151050299
rs78645107
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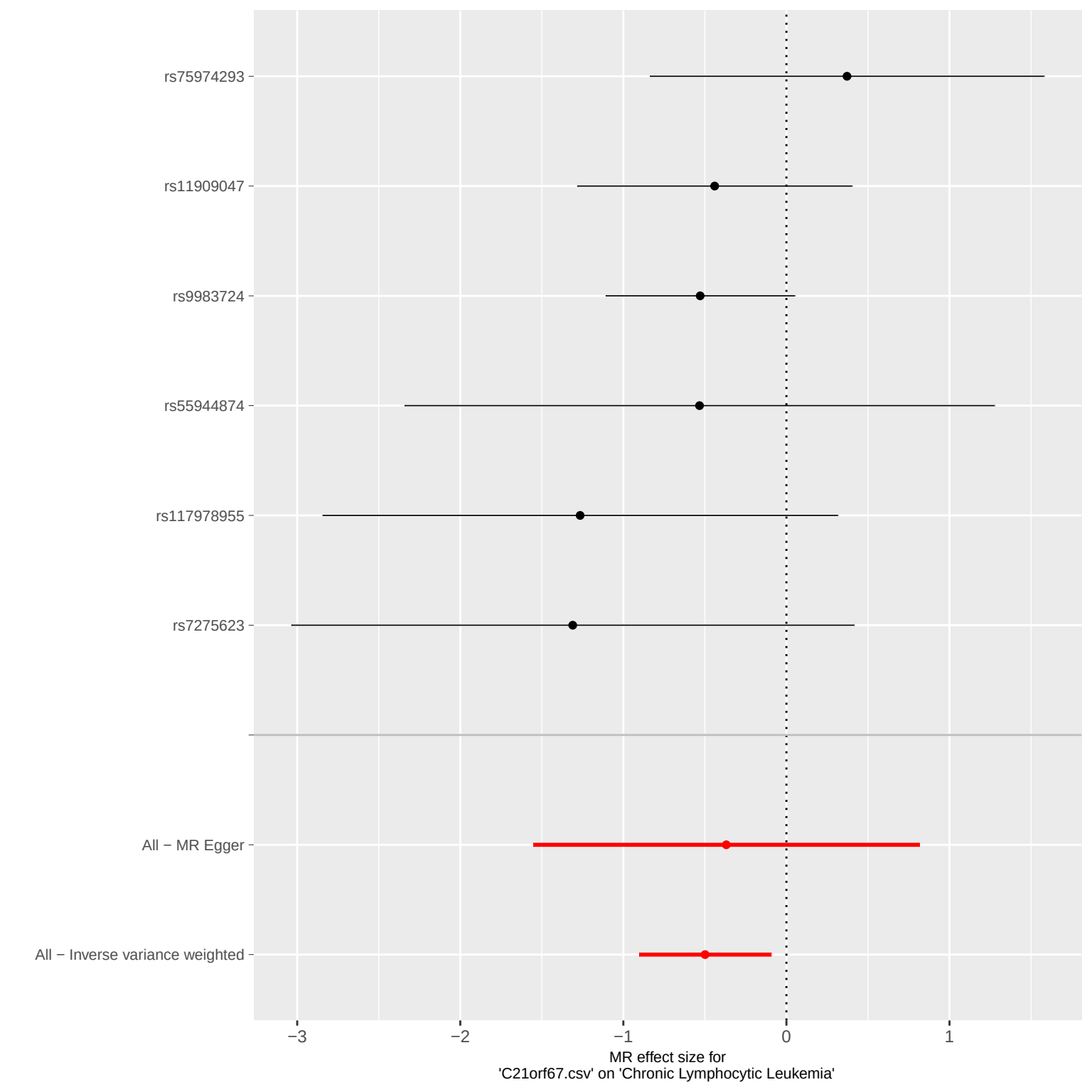
rs6103656
rs6031318
rs56284731
rs2425635
rs117811352
rs2092461
rs16988857
rs11574730
rs62204504
rs74356807
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'C20orf111.csv' on 'Chronic Lymphocytic Leukemia'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rs11909047
rs9983724
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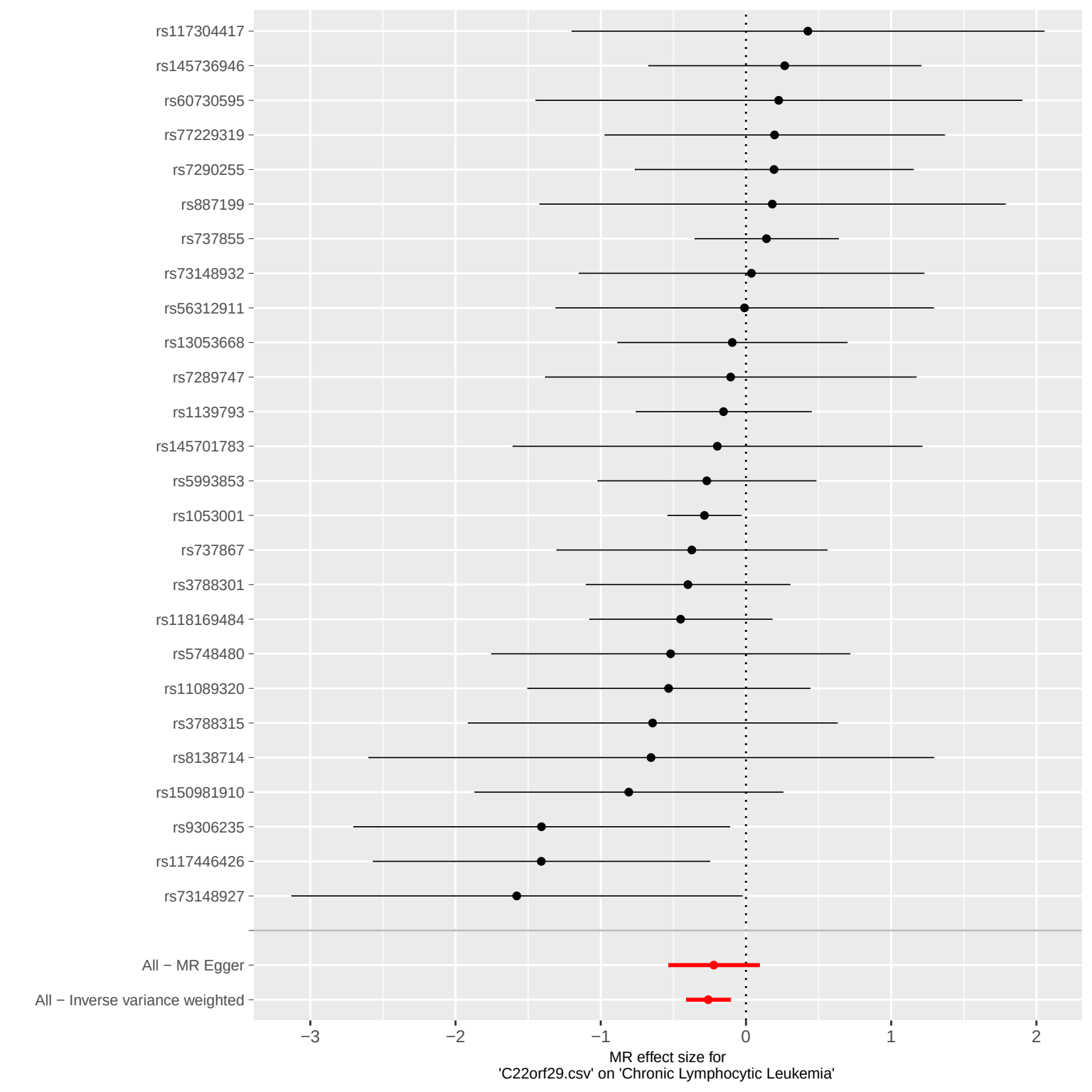
rs117978955
rs7275623
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'C21orf67.csv' on 'Chronic Lymphocytic Leukemia'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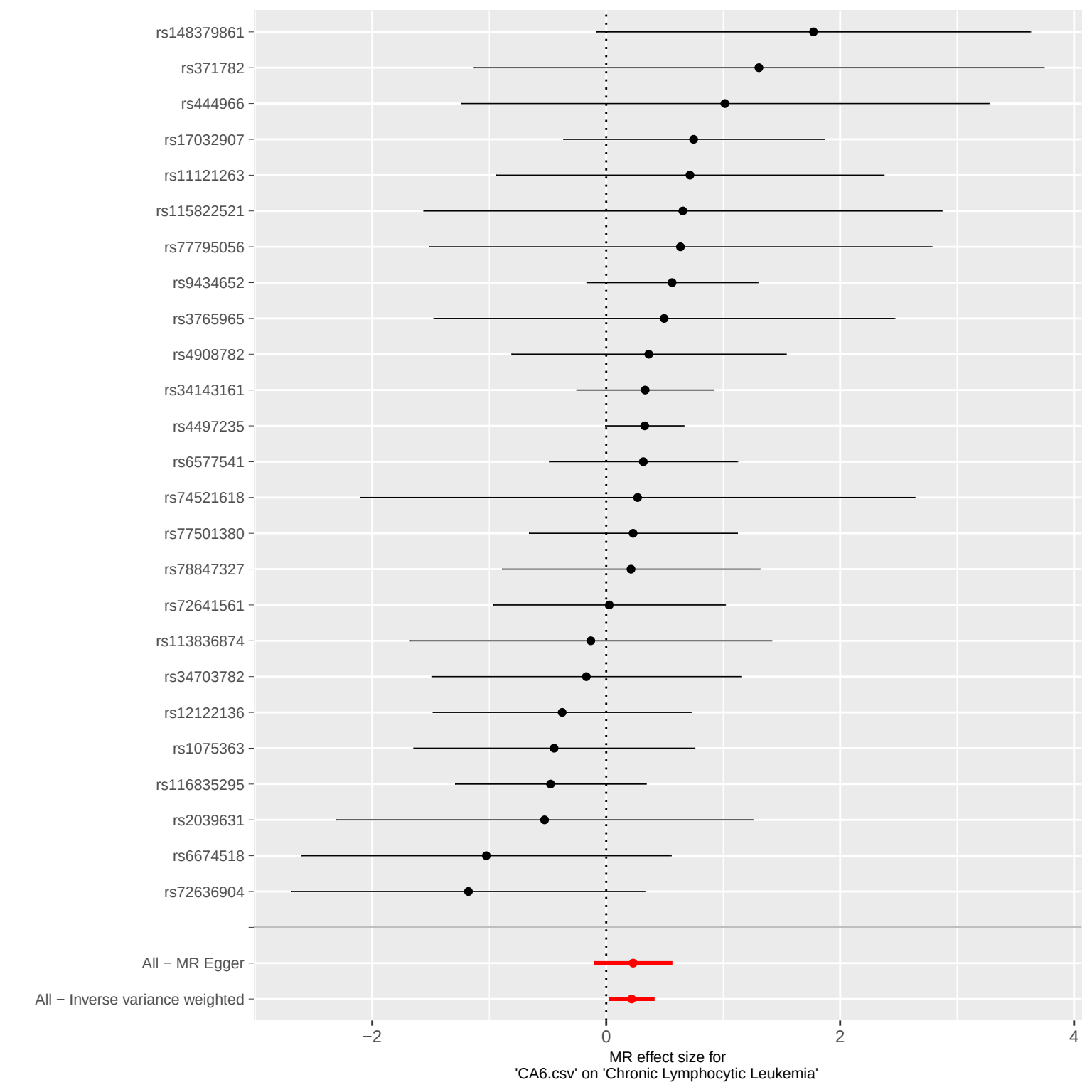
rs737867
rs3788301
rs118169484
rs5748480
rs11089320
rs3788315
rs8138714
rs150981910
rs9306235
rs117446426
rs73148927
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'C22orf29.csv' on 'Chronic Lymphocytic Leukemia'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rs77501380
rs78847327
rs72641561
rs113836874
rs34703782
rs12122136
rs1075363
rs116835295
rs2039631
rs6674518
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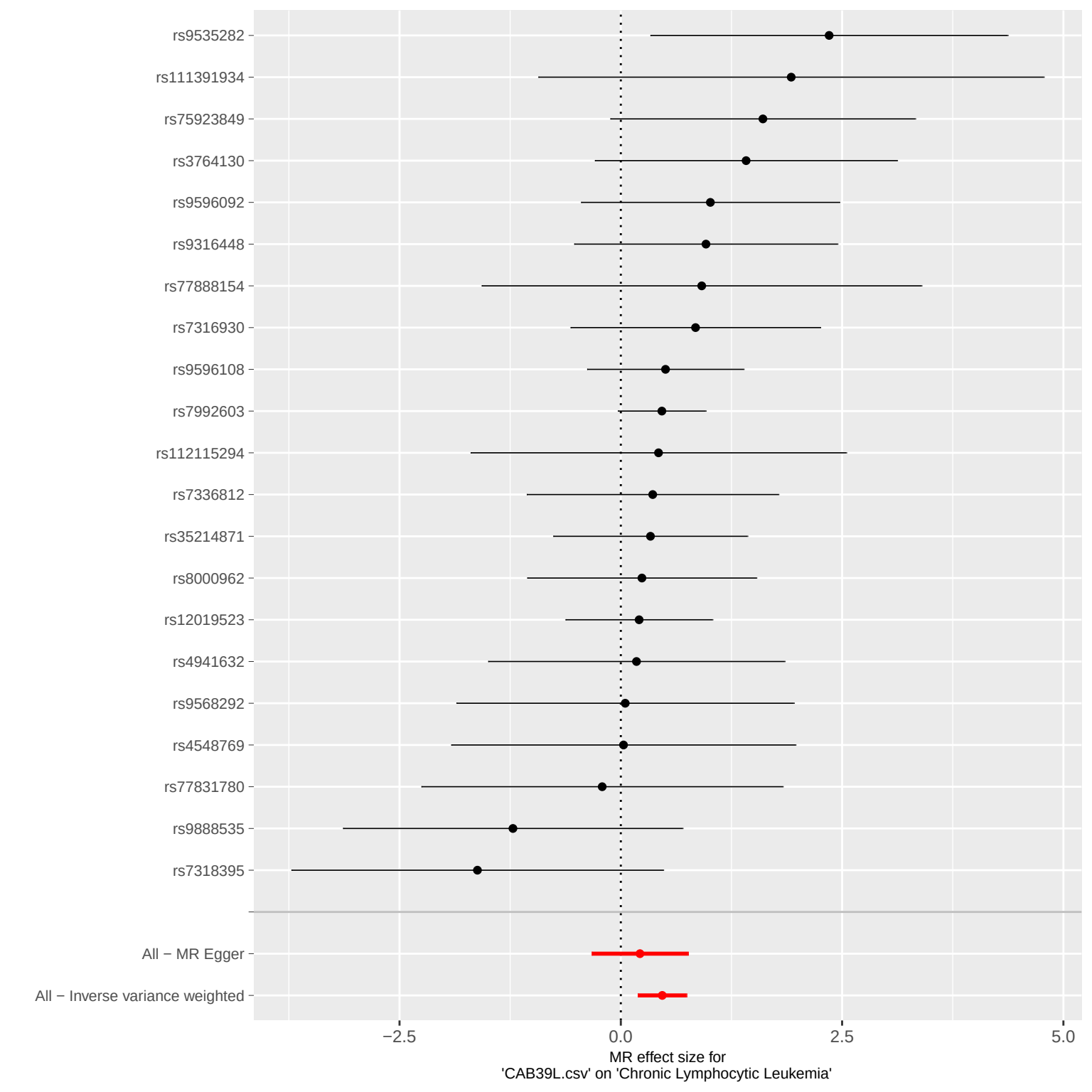
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CA6.csv' on 'Chronic Lymphocytic Leukemia'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rs112115294
rs7336812
rs35214871
rs8000962
rs12019523
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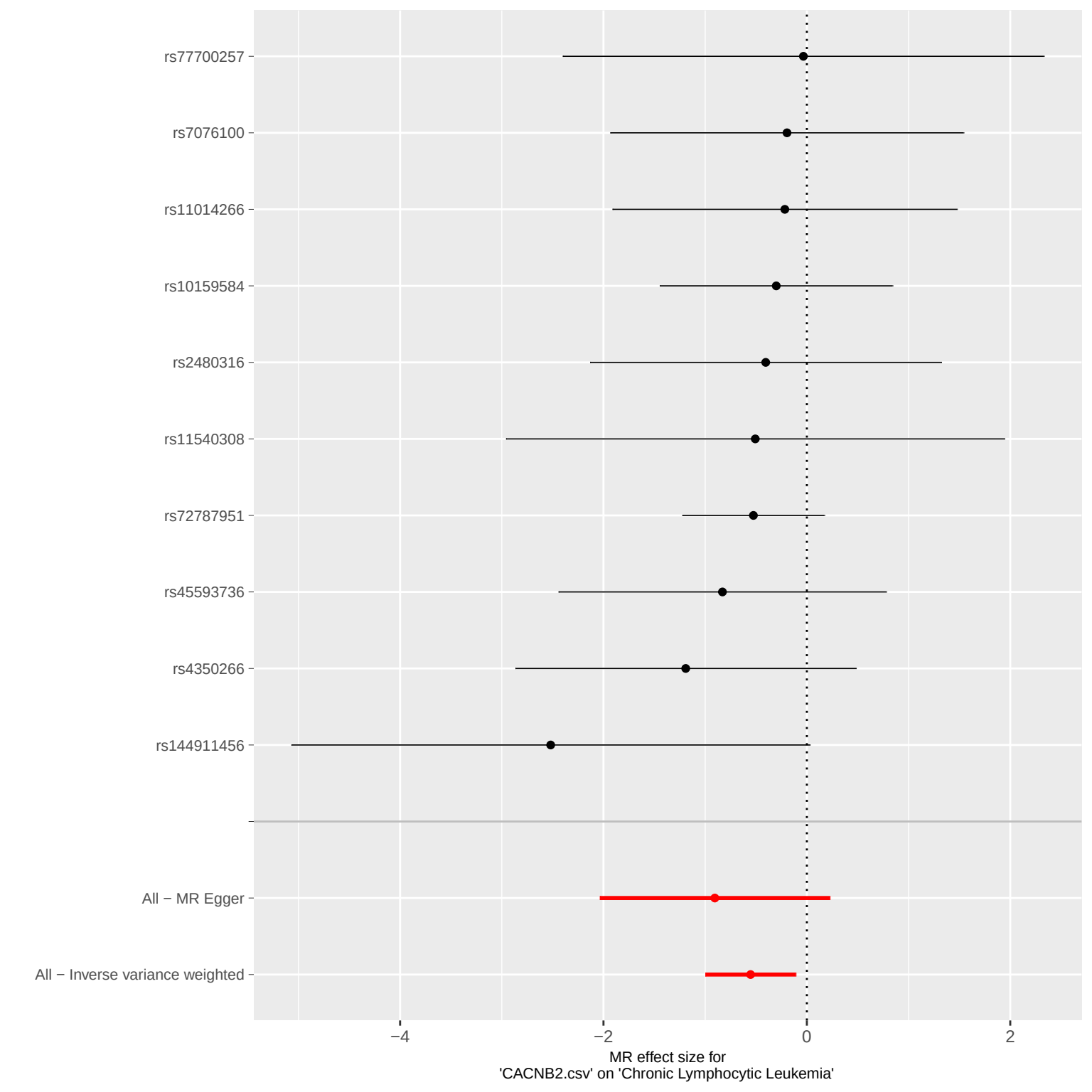
rs9568292
rs4548769
rs77831780
rs9888535
rs7318395
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CAB39L.csv' on 'Chronic Lymphocytic Leukemia'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rs11540308
rs72787951
rs45593736
rs4350266
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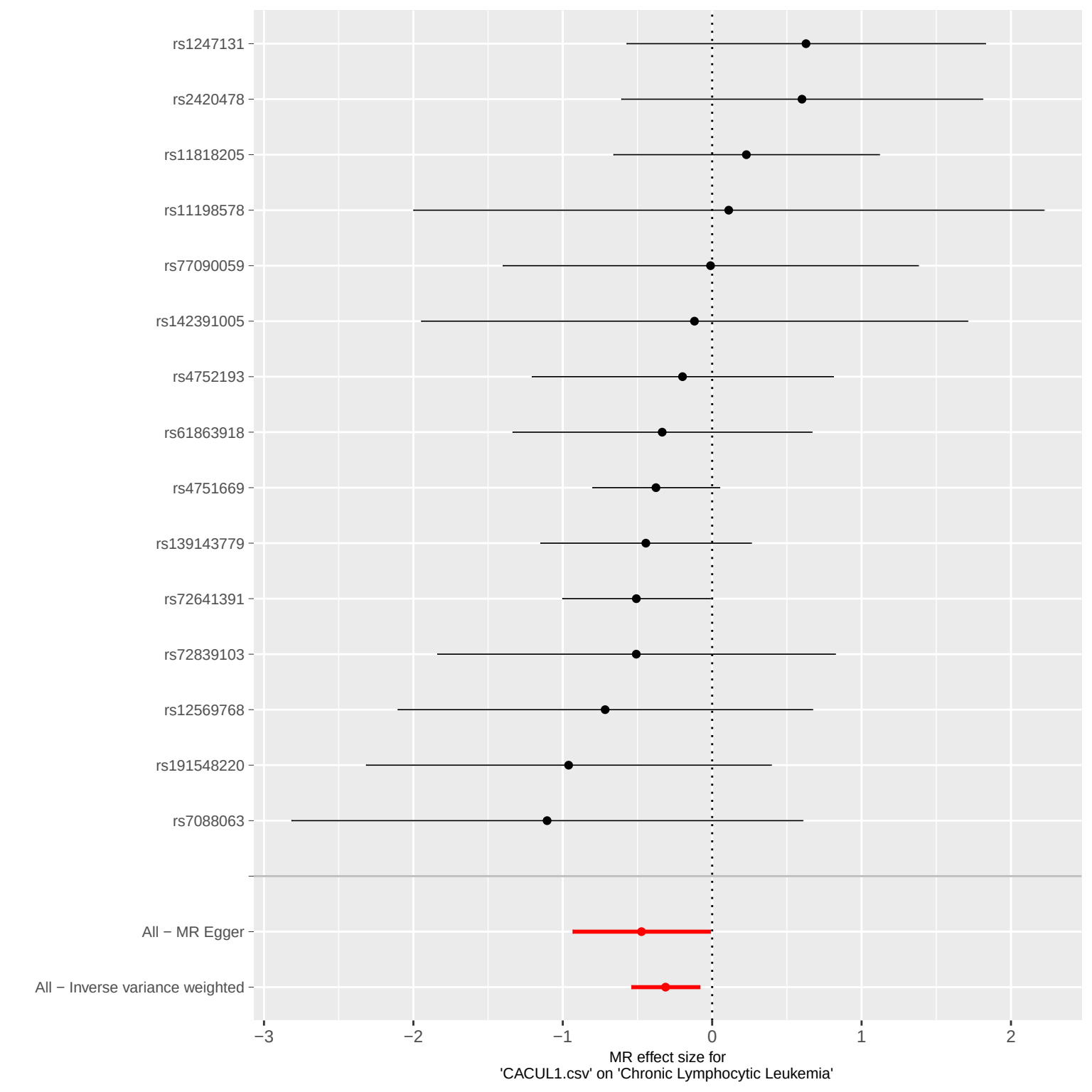
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CACNB2.csv' on 'Chronic Lymphocytic Leukemia'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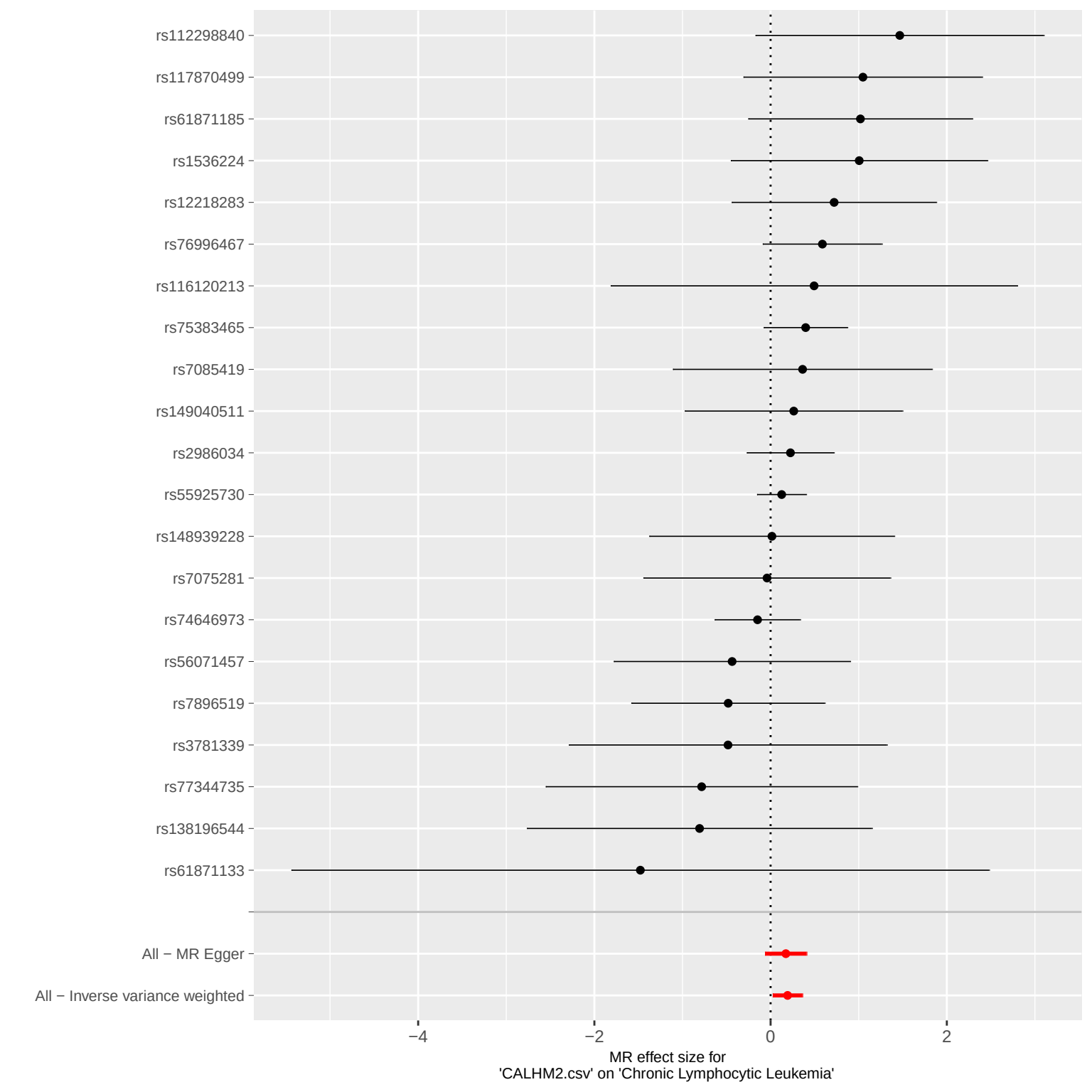
rs72641391
rs72839103
rs12569768
rs191548220
rs7088063
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'CACUL1.csv' on 'Chronic Lymphocytic Leukemia'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rs7896519
rs3781339
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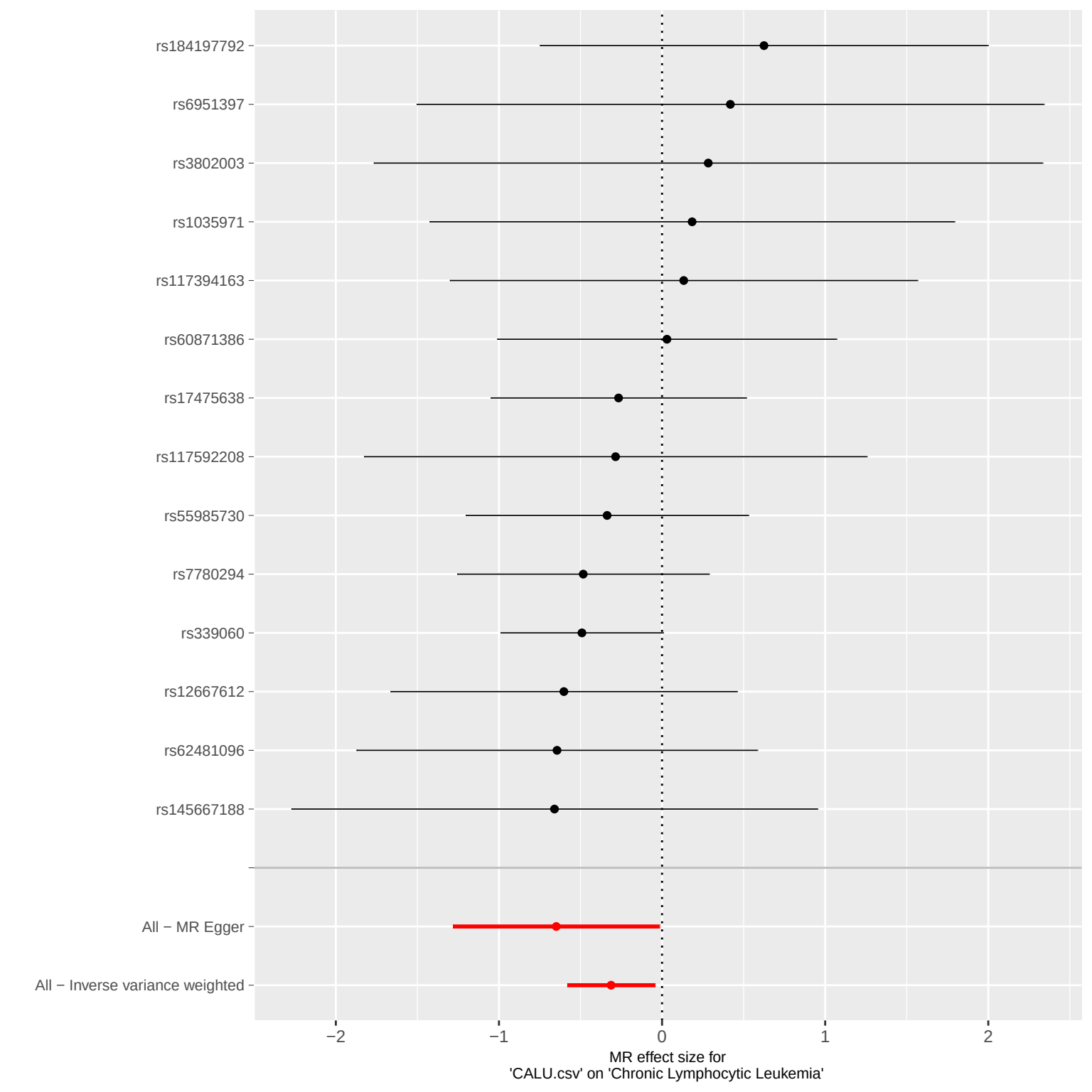
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CALHM2.csv' on 'Chronic Lymphocytic Leukemia'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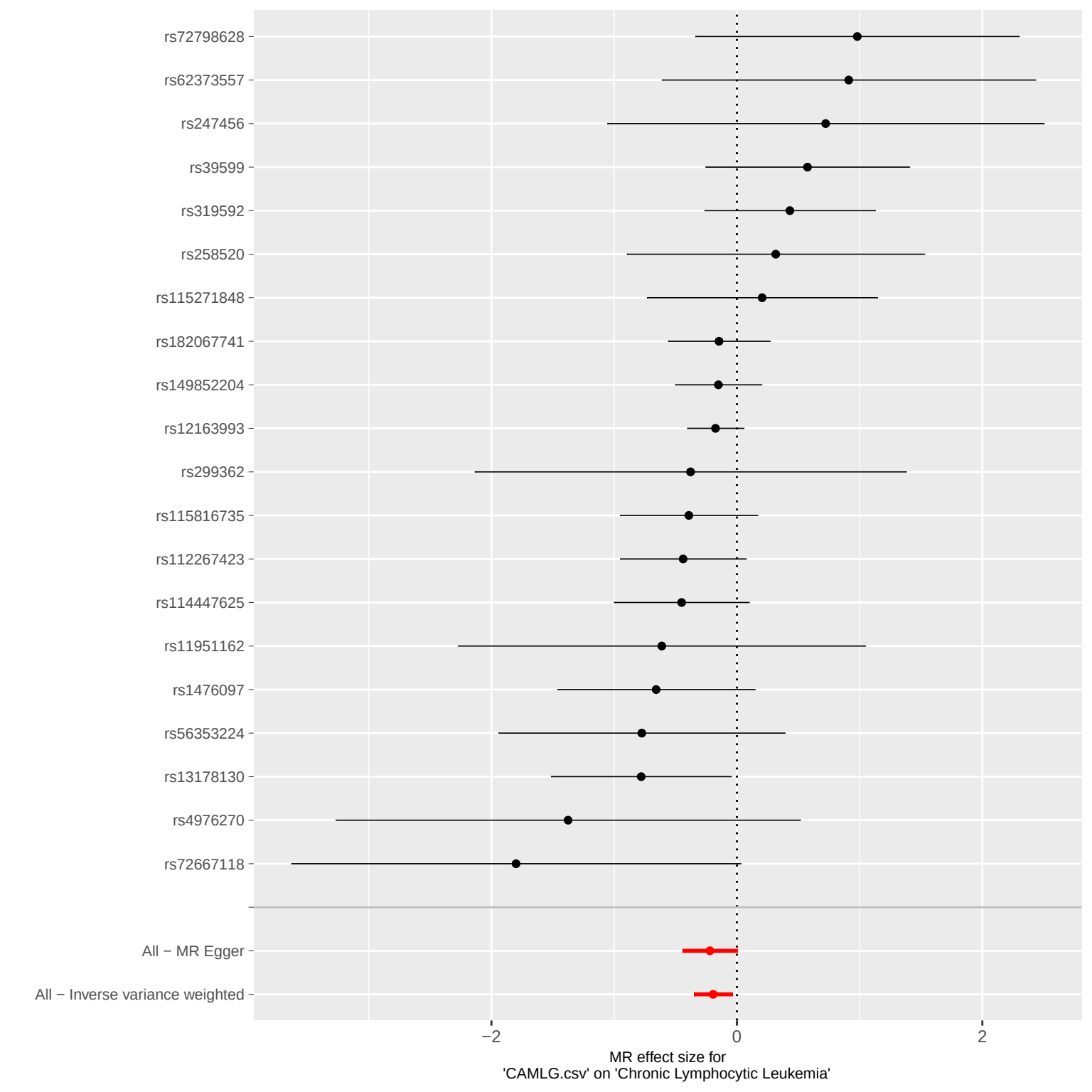
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'CALU.csv' on 'Chronic Lymphocytic Leukemia'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rs115816735
rs112267423
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rs11951162
rs1476097
rs56353224
rs13178130
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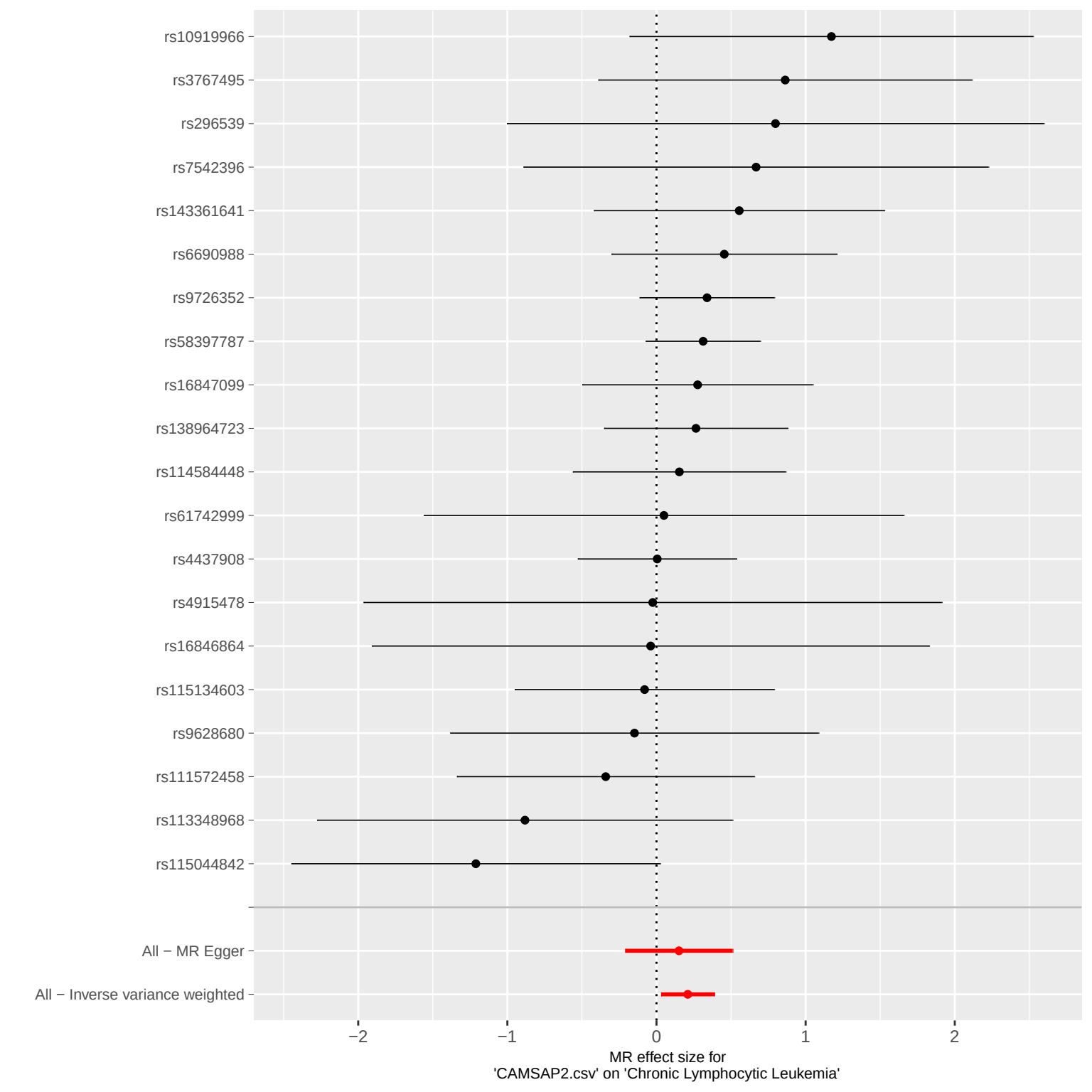
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CAMLG.csv' on 'Chronic Lymphocytic Leukemia'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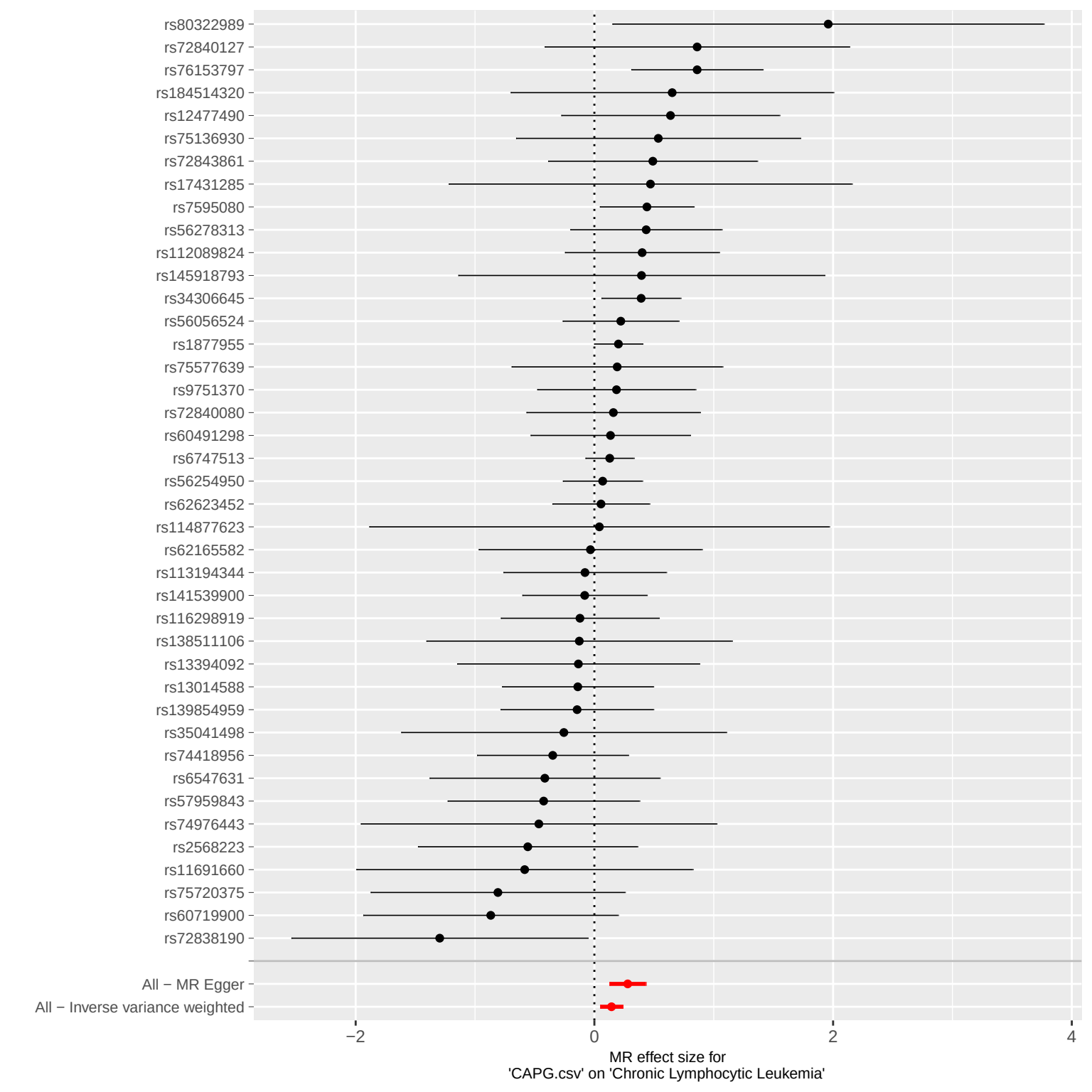
rs61742999
rs4437908
rs4915478
rs16846864
rs115134603
rs9628680
rs111572458
rs113348968
rs115044842
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'CAMSAP2.csv' on 'Chronic Lymphocytic Leukemia'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rs35041498
rs74418956
rs6547631
rs57959843
rs74976443
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rs60719900
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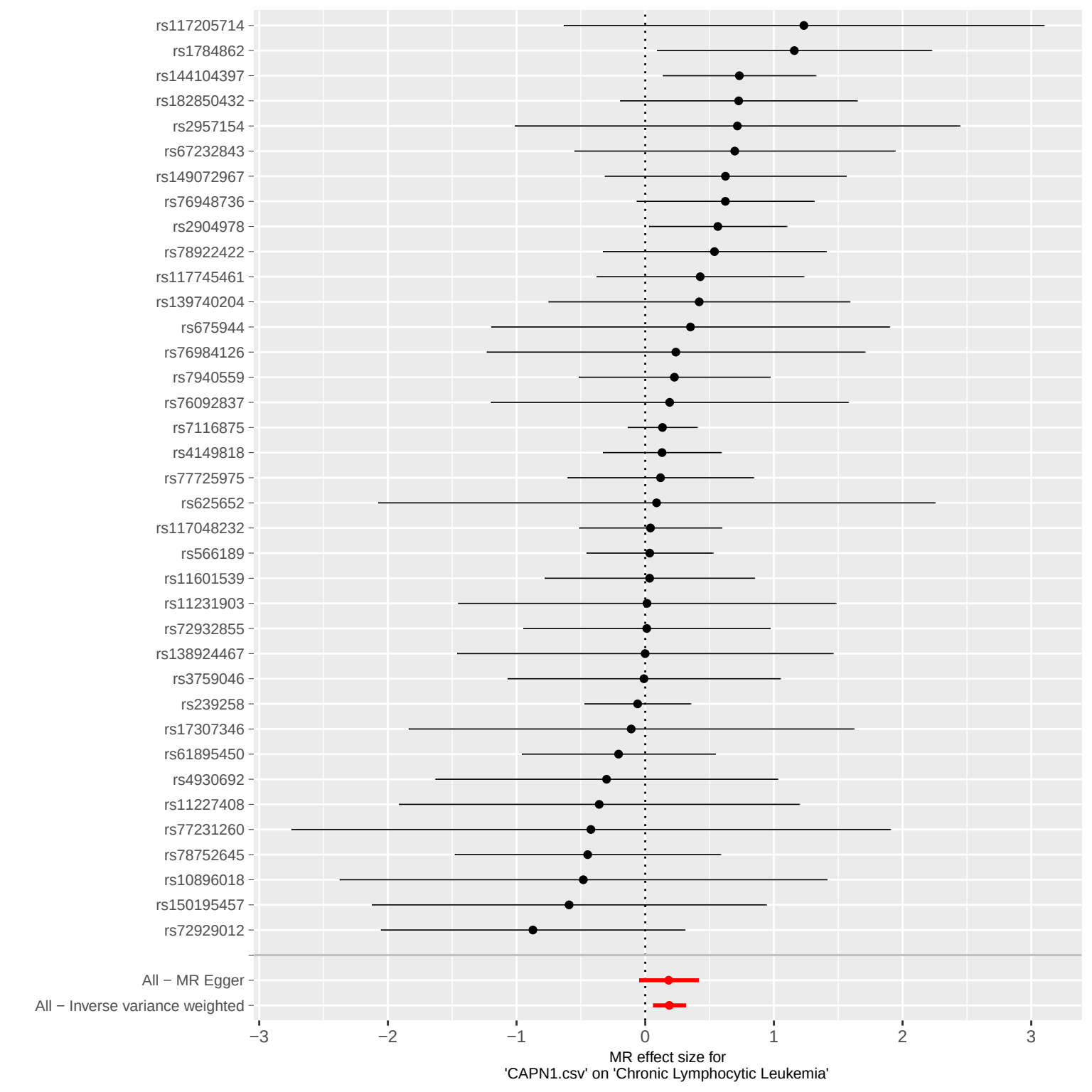
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CAPG.csv' on 'Chronic Lymphocytic Leukemia'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rs76984126
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rs7116875
rs4149818
rs77725975
rs625652
rs117048232
rs566189
rs11601539
rs11231903
rs72932855
rs138924467
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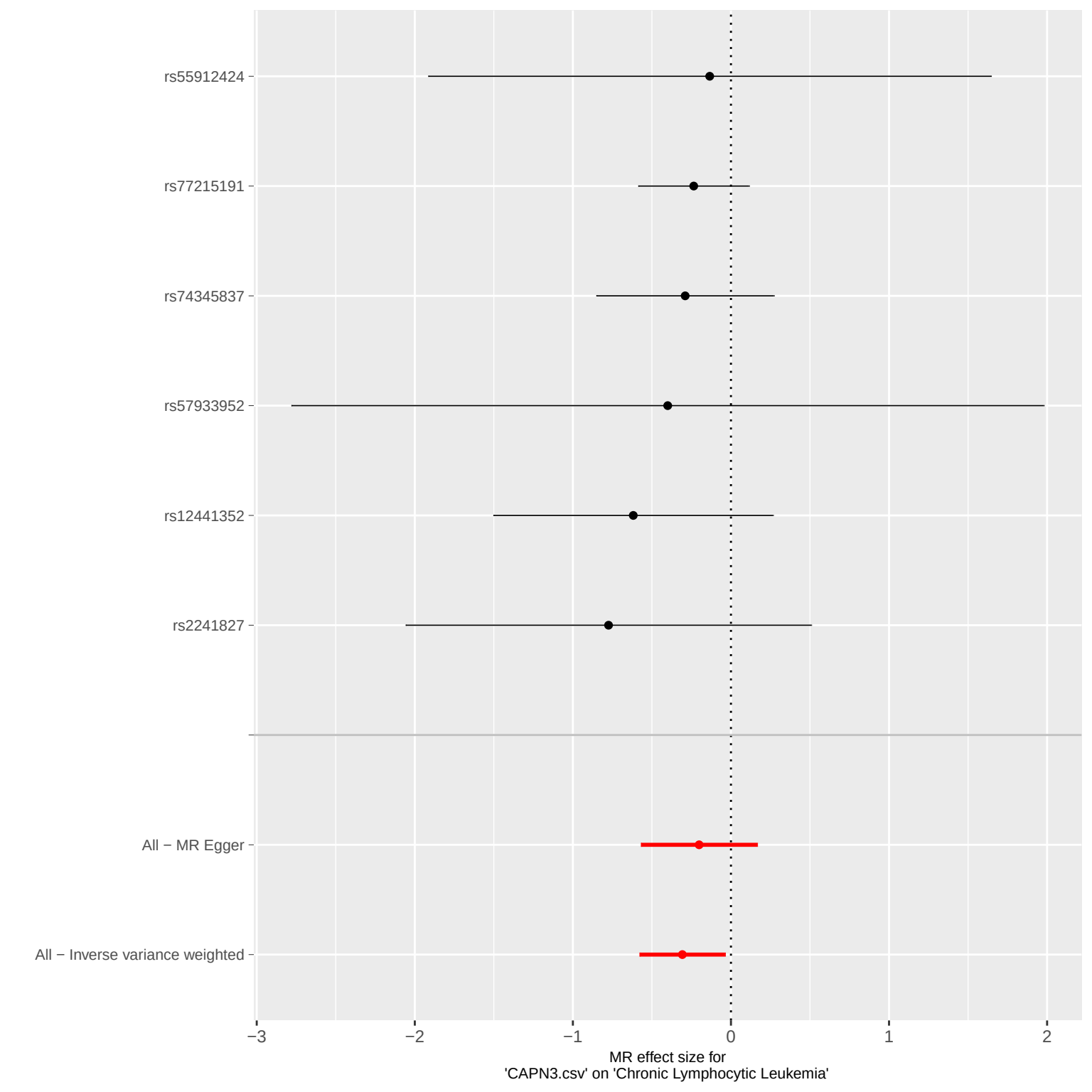
rs239258
rs17307346
rs61895450
rs4930692
rs11227408
rs77231260
rs78752645
rs10896018
rs150195457
rs72929012
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'CAPN1.csv' on 'Chronic Lymphocytic Leukemia'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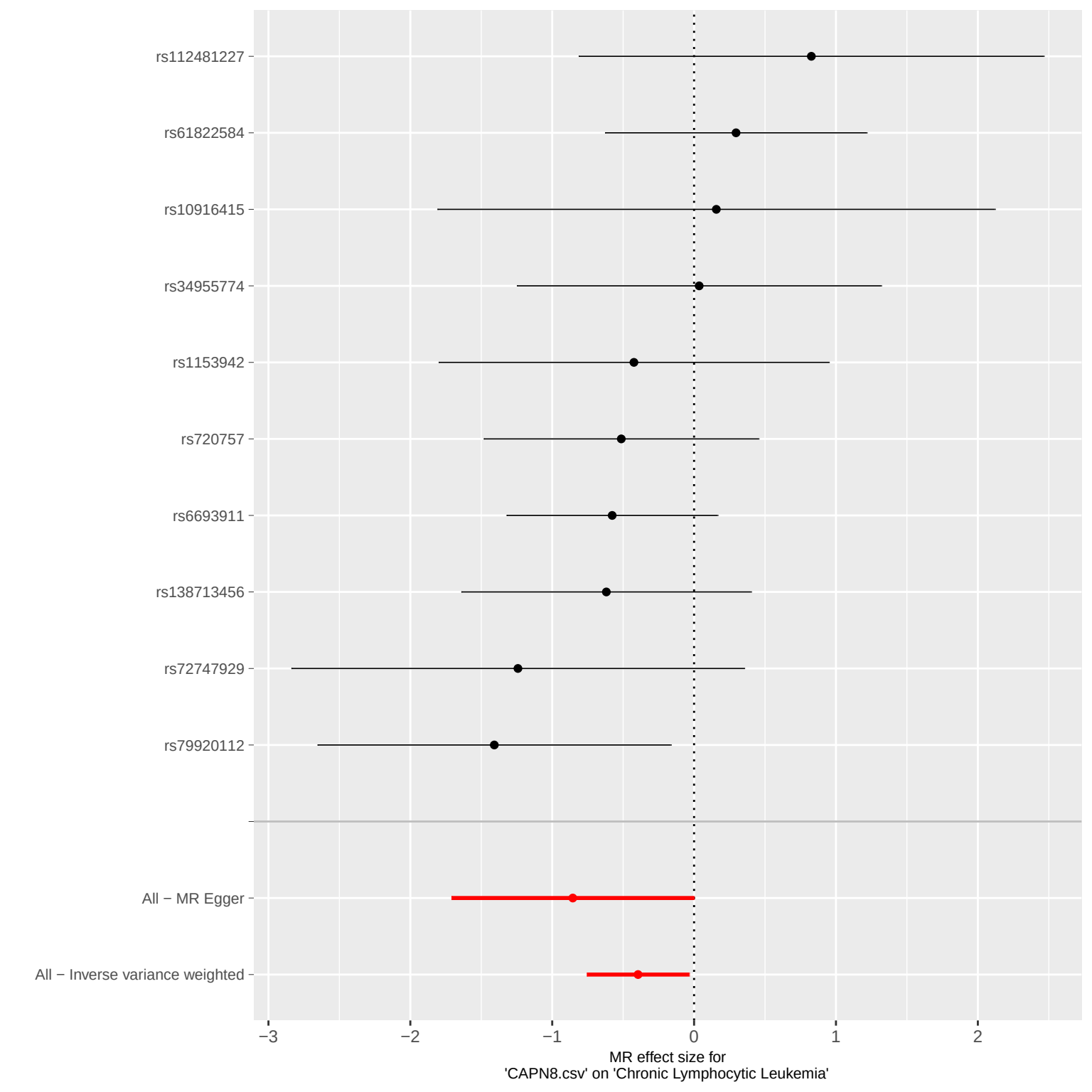
rs12441352
rs2241827
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'CAPN3.csv' on 'Chronic Lymphocytic Leukemia'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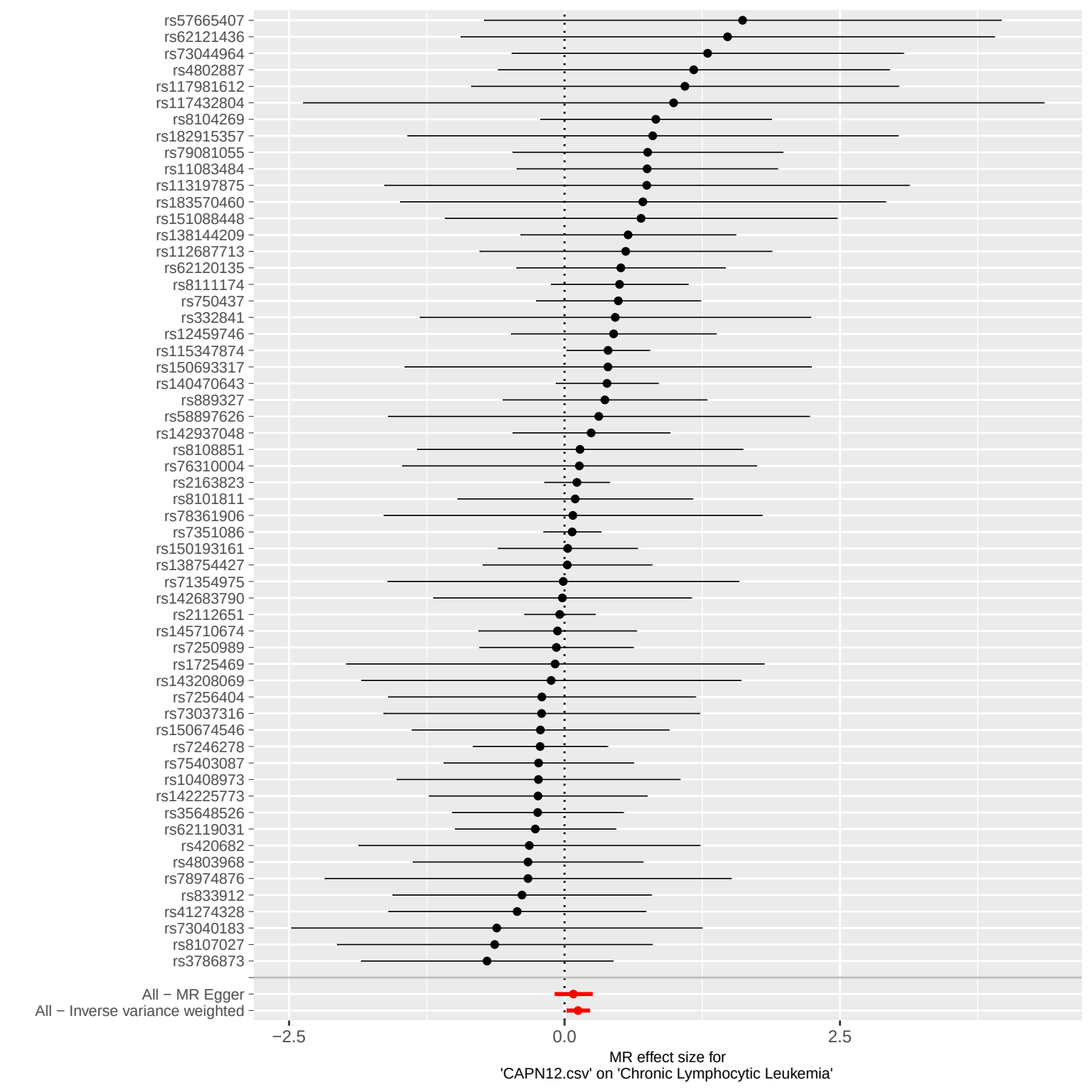
rs138713456
rs72747929
rs79920112
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'CAPN8.csv' on 'Chronic Lymphocytic Leukemia'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rs142225773
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rs62119031
rs420682
rs4803968
rs78974876
rs833912
rs41274328
rs73040183
rs8107027
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All − MR Egger
All − Inverse variance weighted
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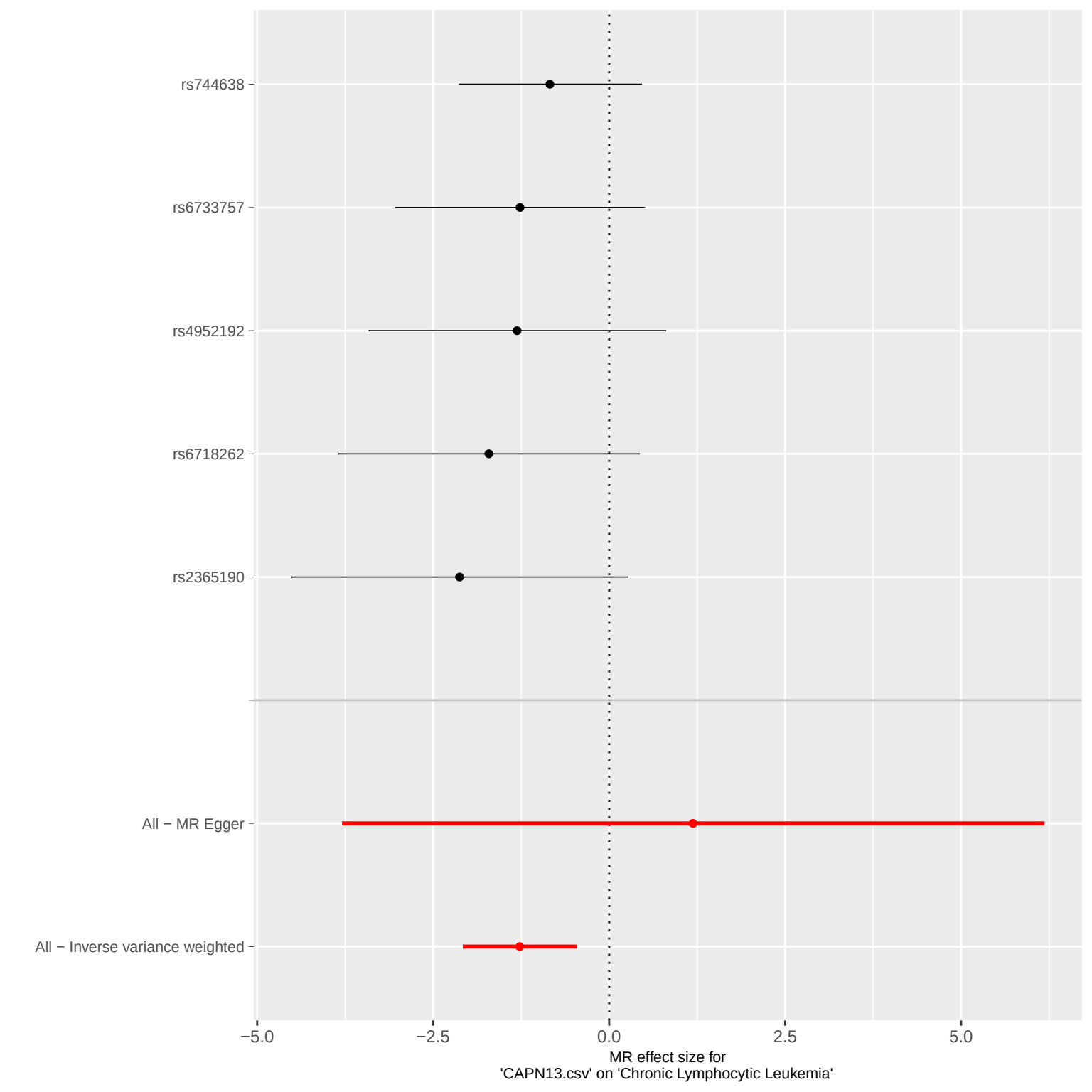
0.0
2.5
MR effect size for
'CAPN12.csv' on 'Chronic Lymphocytic Leukemia'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rs6718262
rs2365190
All − MR Egger
All − Inverse variance weighted
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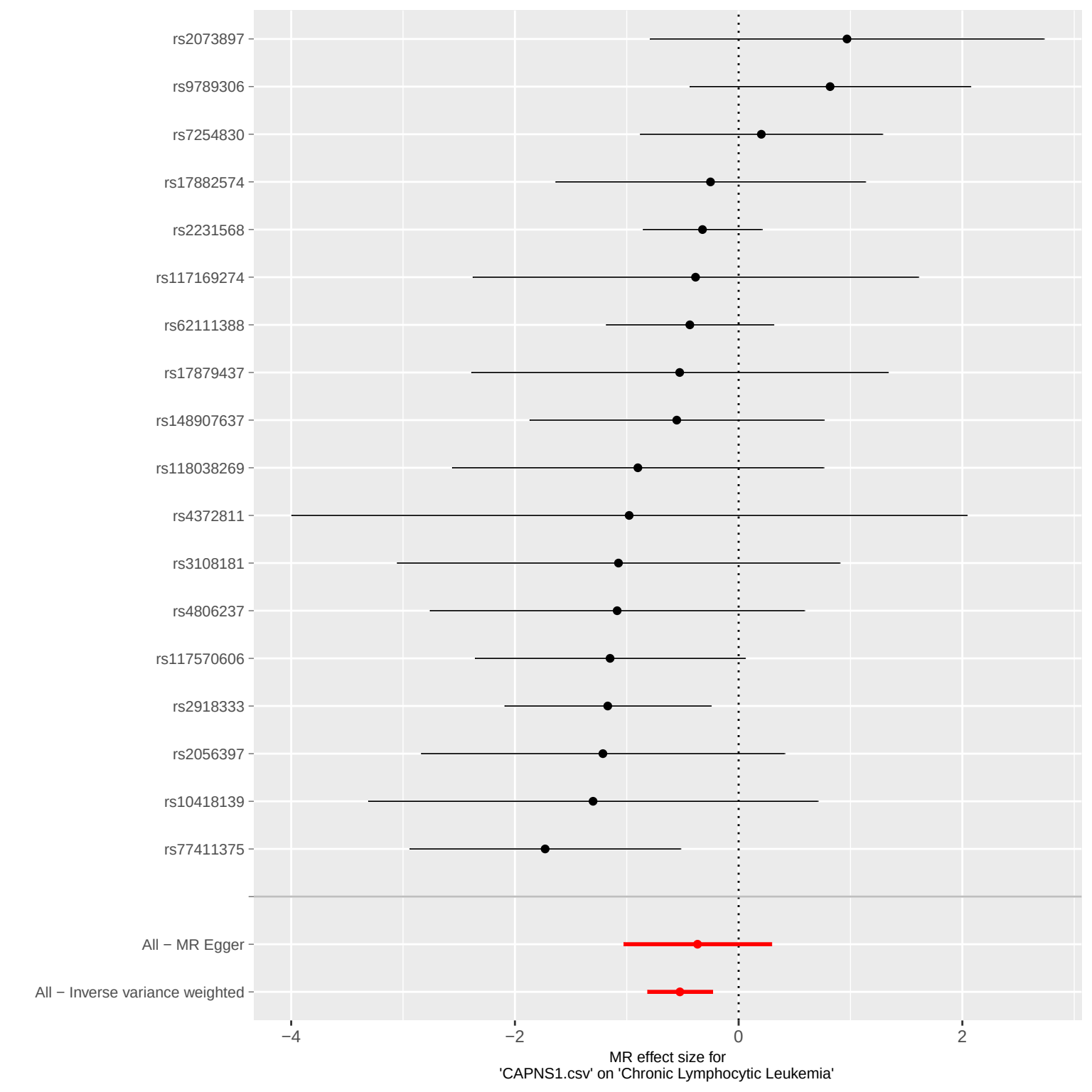
−2.5
0.0
2.5
5.0
MR effect size for
'CAPN13.csv' on 'Chronic Lymphocytic Leukemia'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rs3108181
rs4806237
rs117570606
rs2918333
rs2056397
rs10418139
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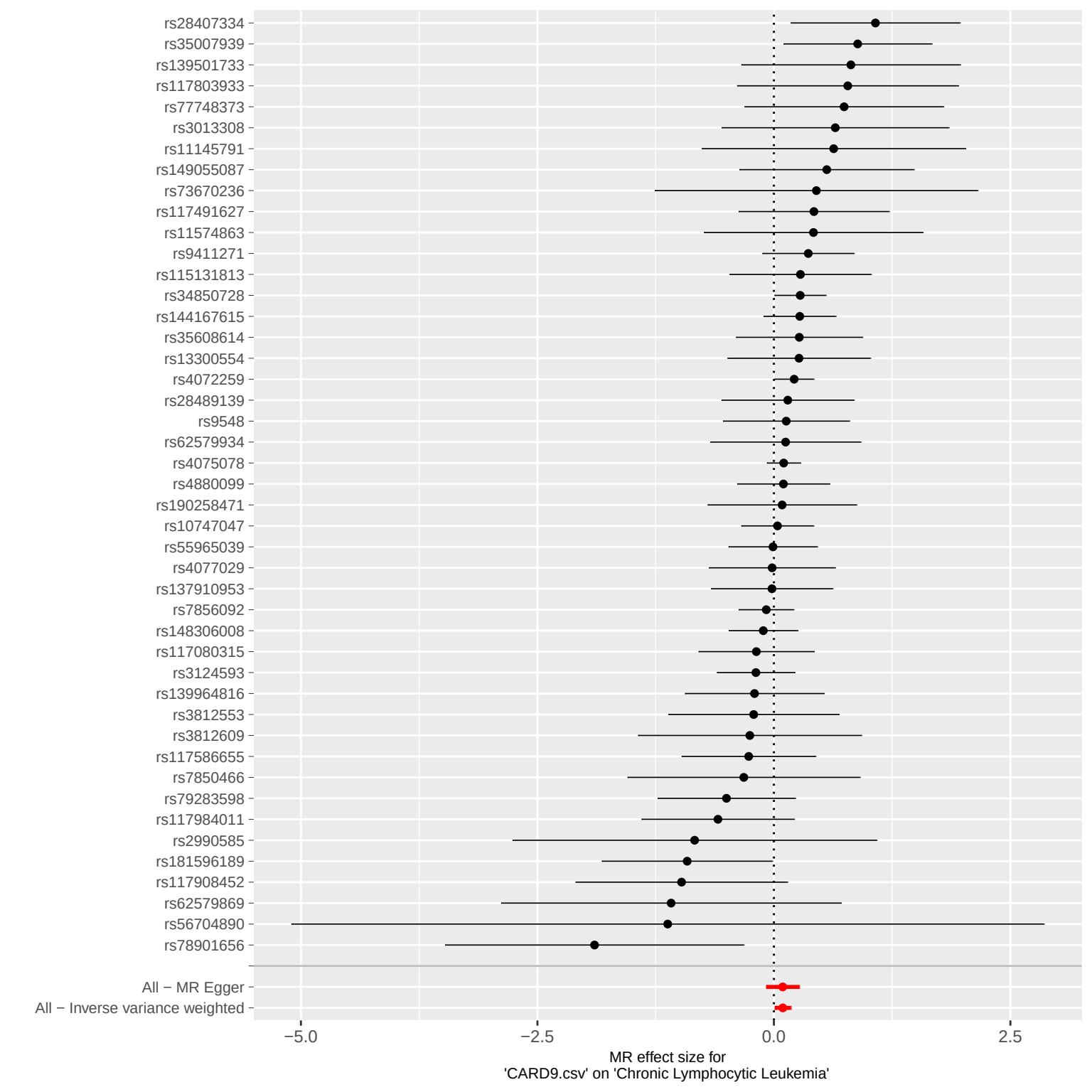
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CAPNS1.csv' on 'Chronic Lymphocytic Leukemia'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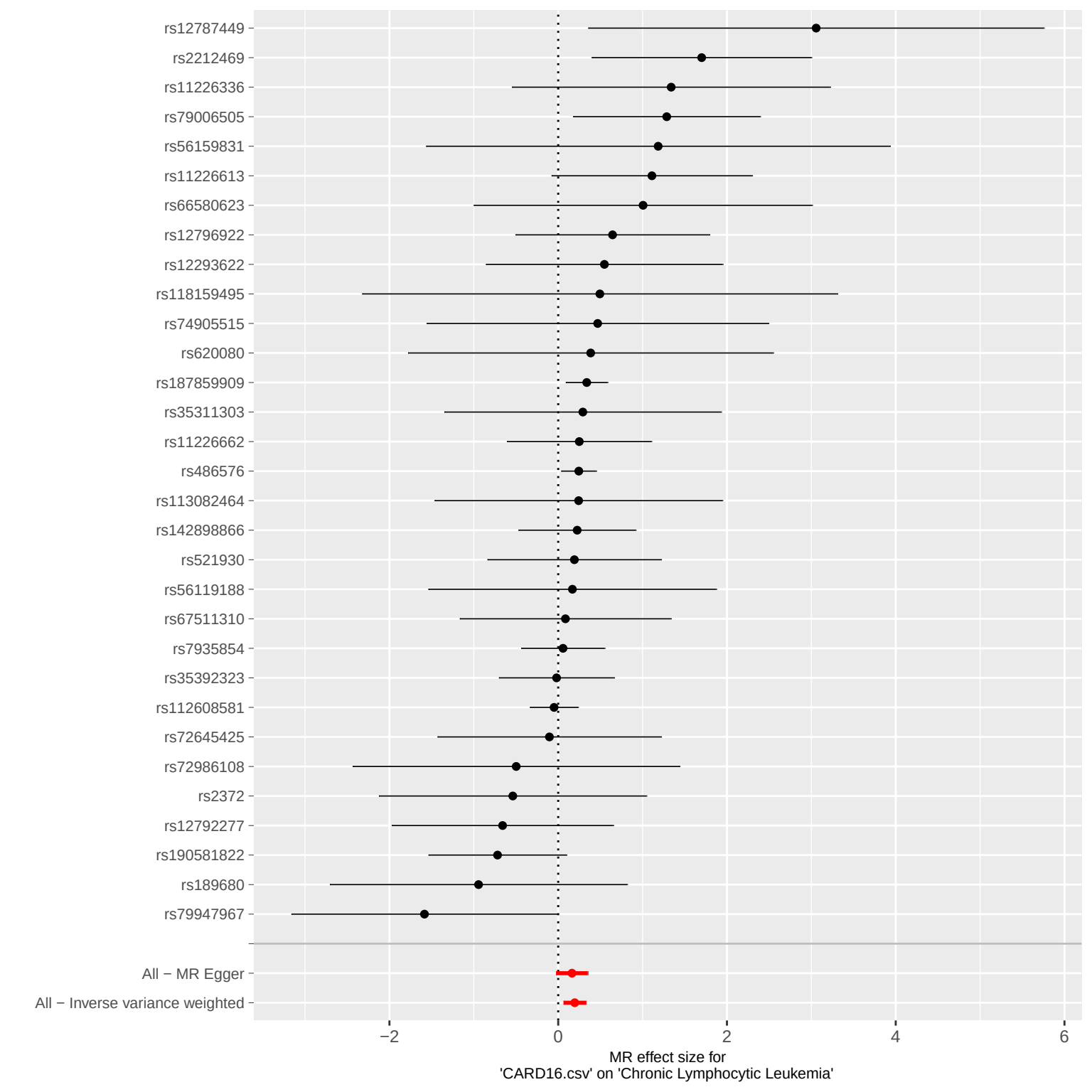
rs62579869
rs56704890
rs78901656
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CARD9.csv' on 'Chronic Lymphocytic Leukemia'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rs7935854
rs35392323
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rs2372
rs12792277
rs190581822
rs189680
rs79947967
All − MR Egger
All − Inverse variance weighted
−2
0
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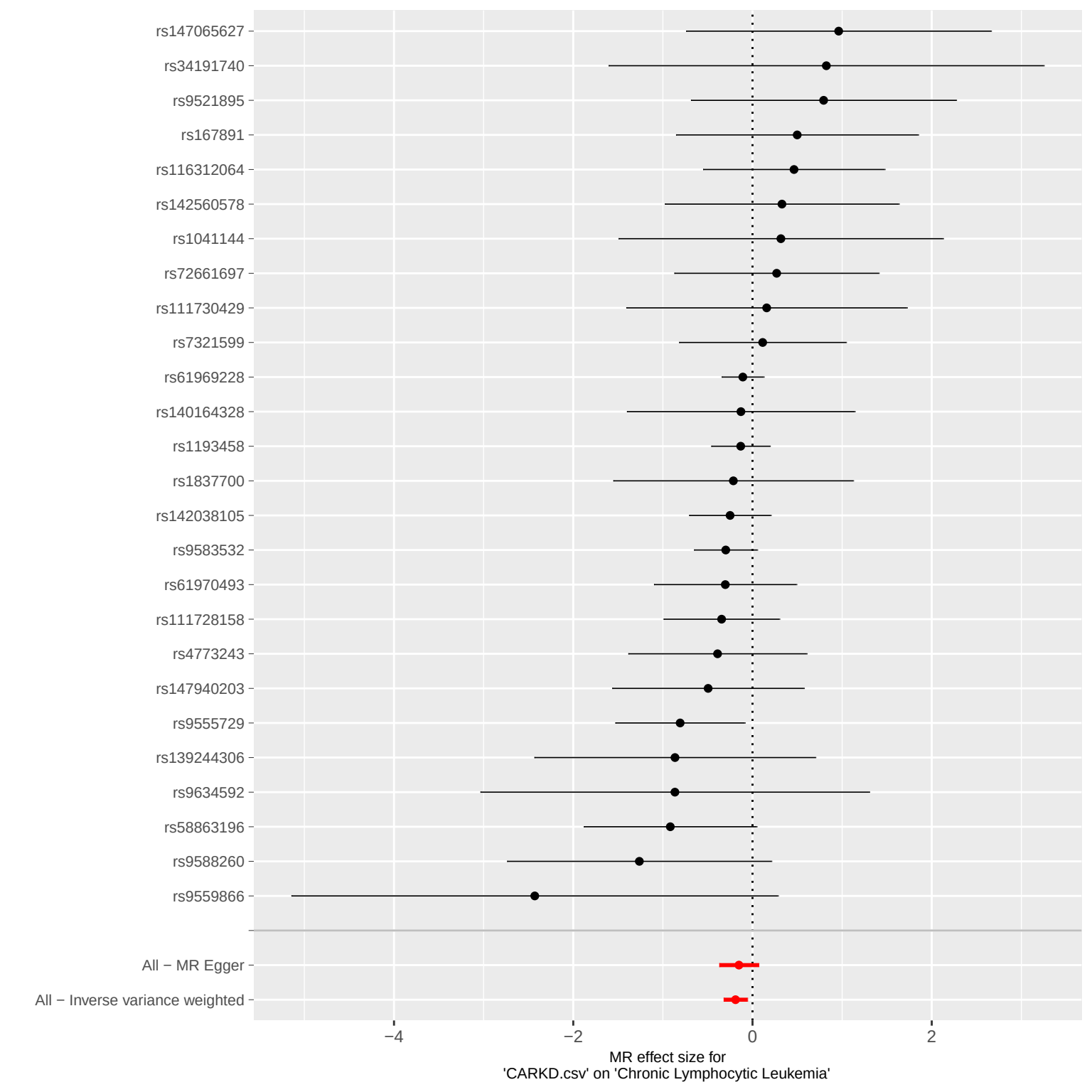
4
6
MR effect size for
'CARD16.csv' on 'Chronic Lymphocytic Leukemia'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rs9583532
rs61970493
rs111728158
rs4773243
rs147940203
rs9555729
rs139244306
rs9634592
rs58863196
rs9588260
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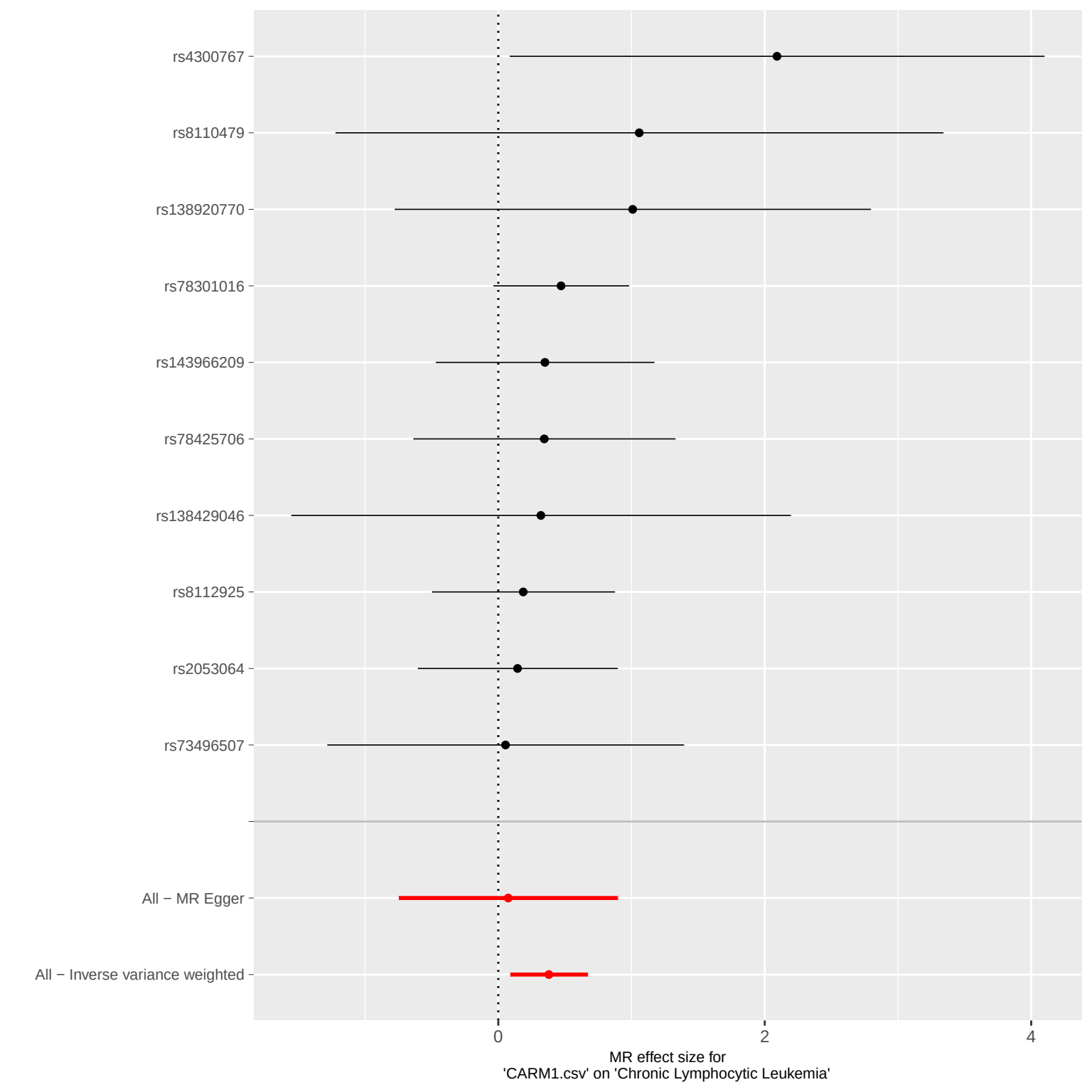
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CARKD.csv' on 'Chronic Lymphocytic Leukemia'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rs138920770
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rs78425706
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rs8112925
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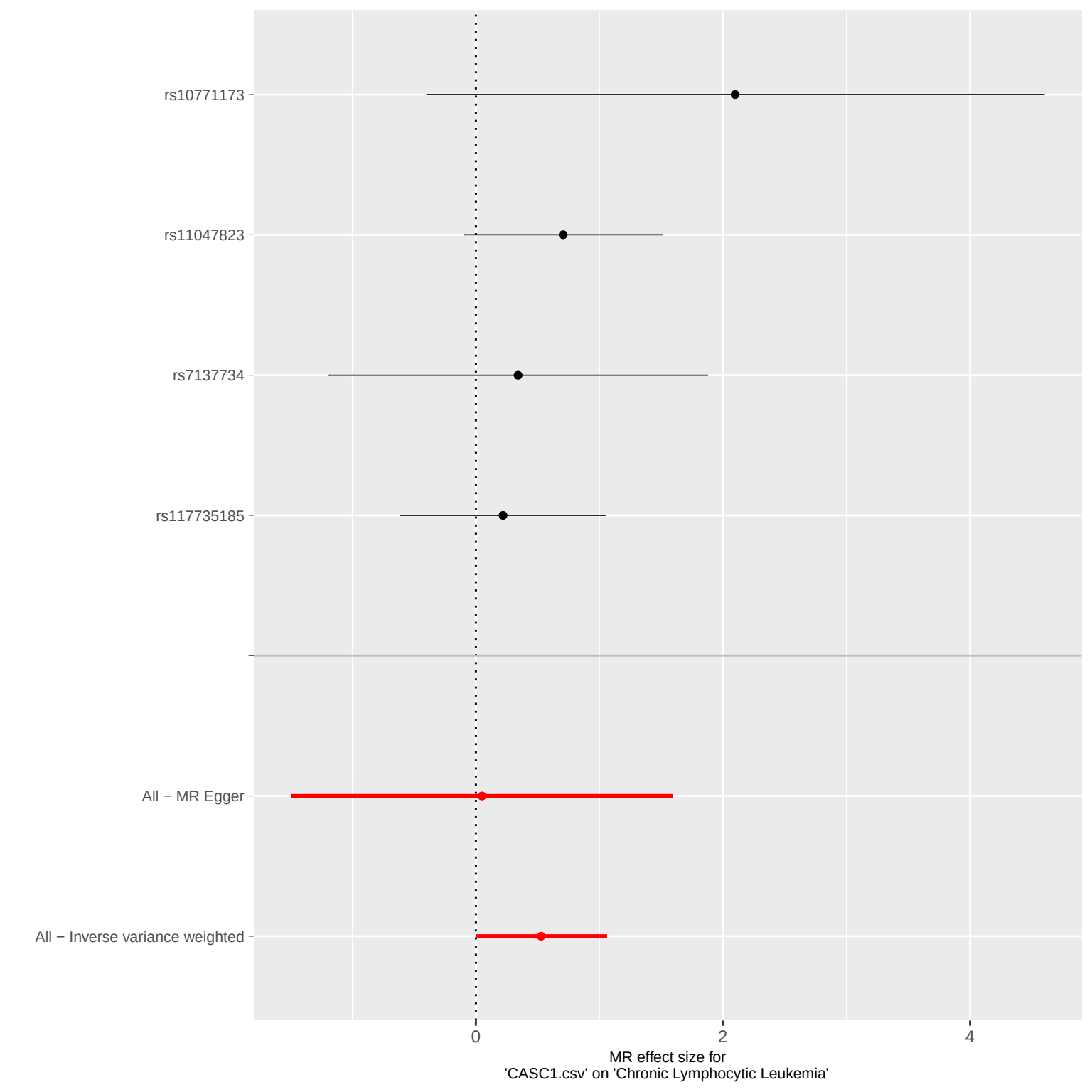
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'CARM1.csv' on 'Chronic Lymphocytic Leukemia'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rs11047823
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All − Inverse variance weighted
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4
MR effect size for
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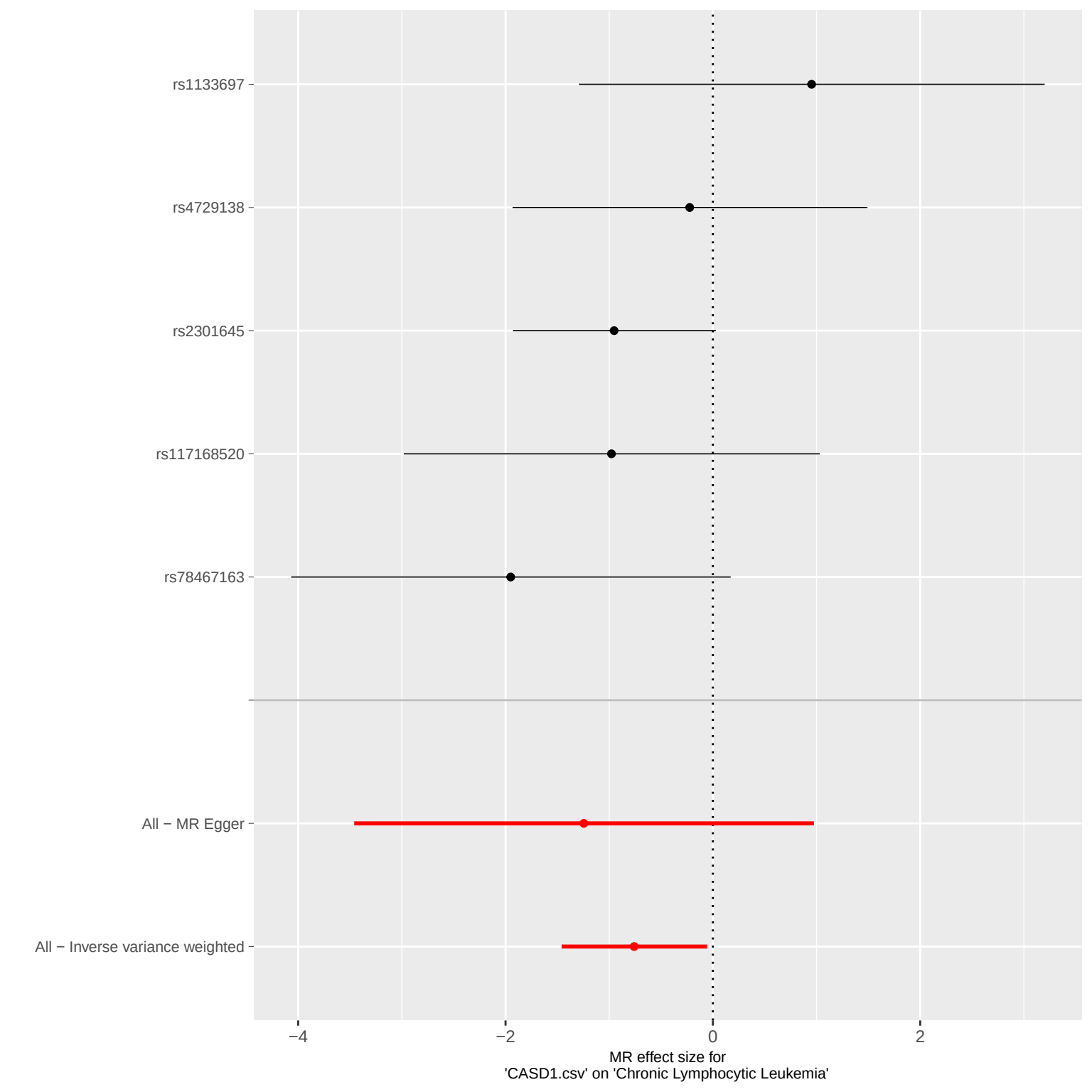
rs1133697
rs4729138
rs2301645
rs117168520
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All − MR Egger
All − Inverse variance weighted
−4
−2
0
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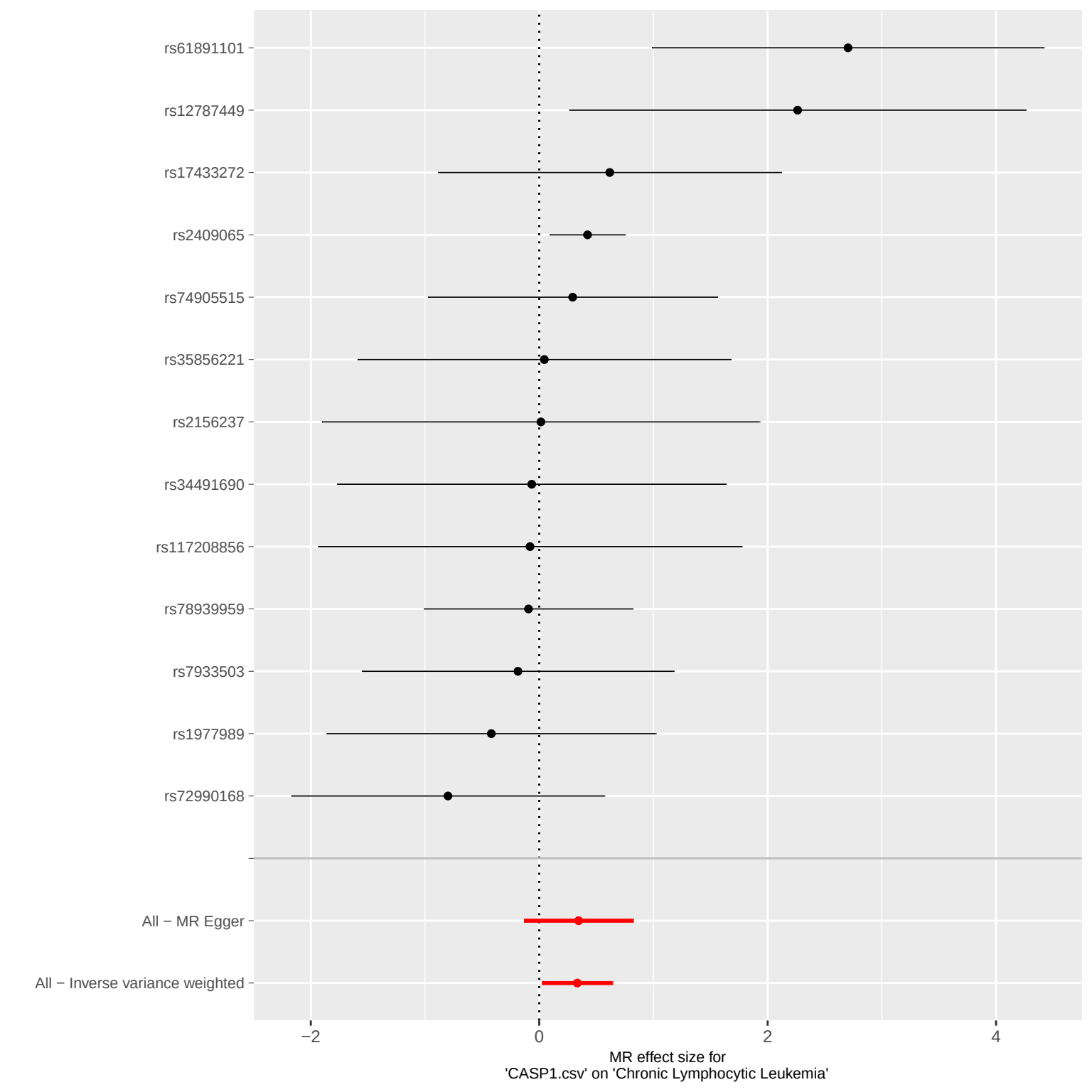
MR effect size for
'CASD1.csv' on 'Chronic Lymphocytic Leukemia'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rs117208856
rs78939959
rs7933503
rs1977989
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All − MR Egger
All − Inverse variance weighted
−2
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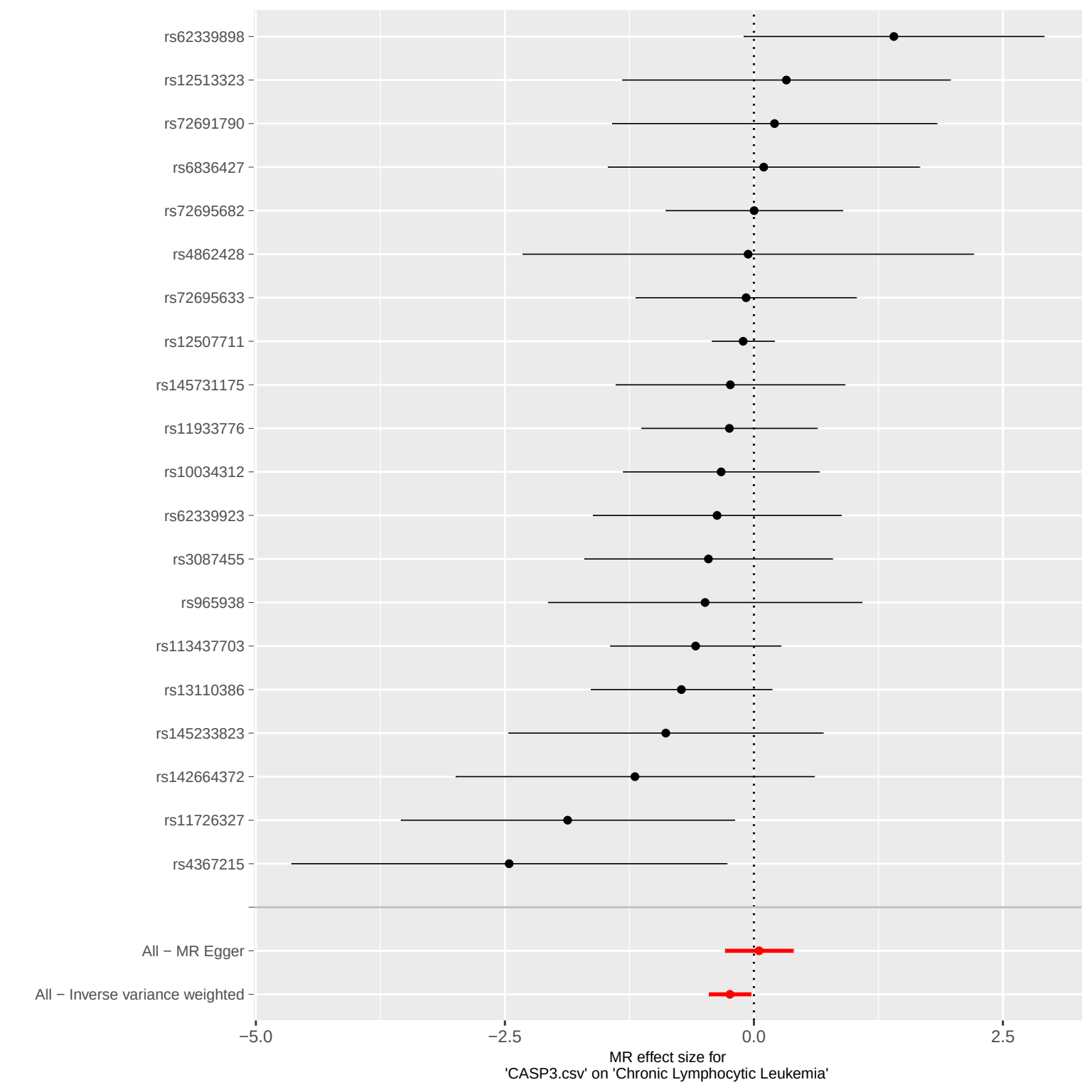
2
4
MR effect size for
'CASP1.csv' on 'Chronic Lymphocytic Leukemia'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rs62339923
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rs965938
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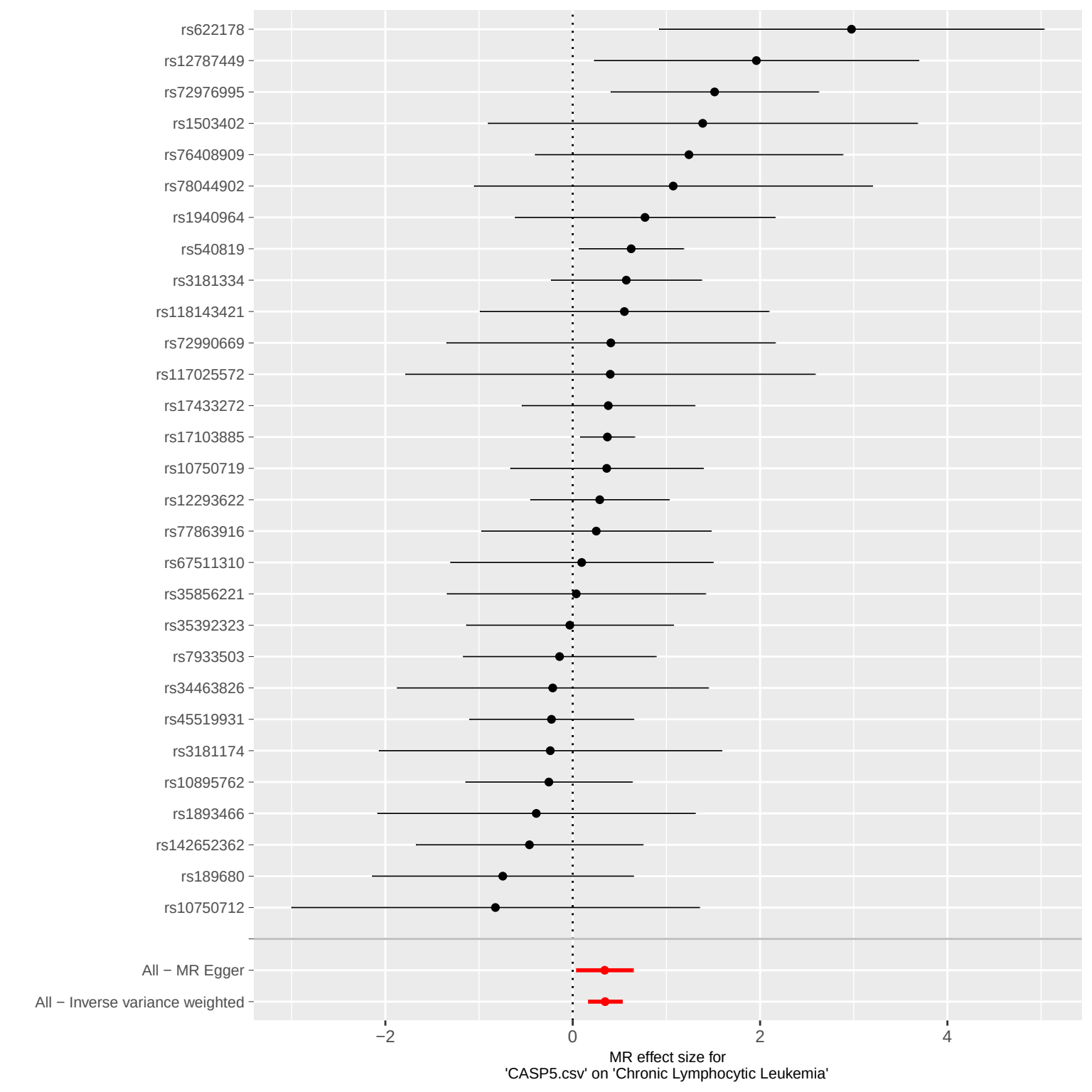
rs13110386
rs145233823
rs142664372
rs11726327
rs4367215
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CASP3.csv' on 'Chronic Lymphocytic Leukemia'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rs12293622
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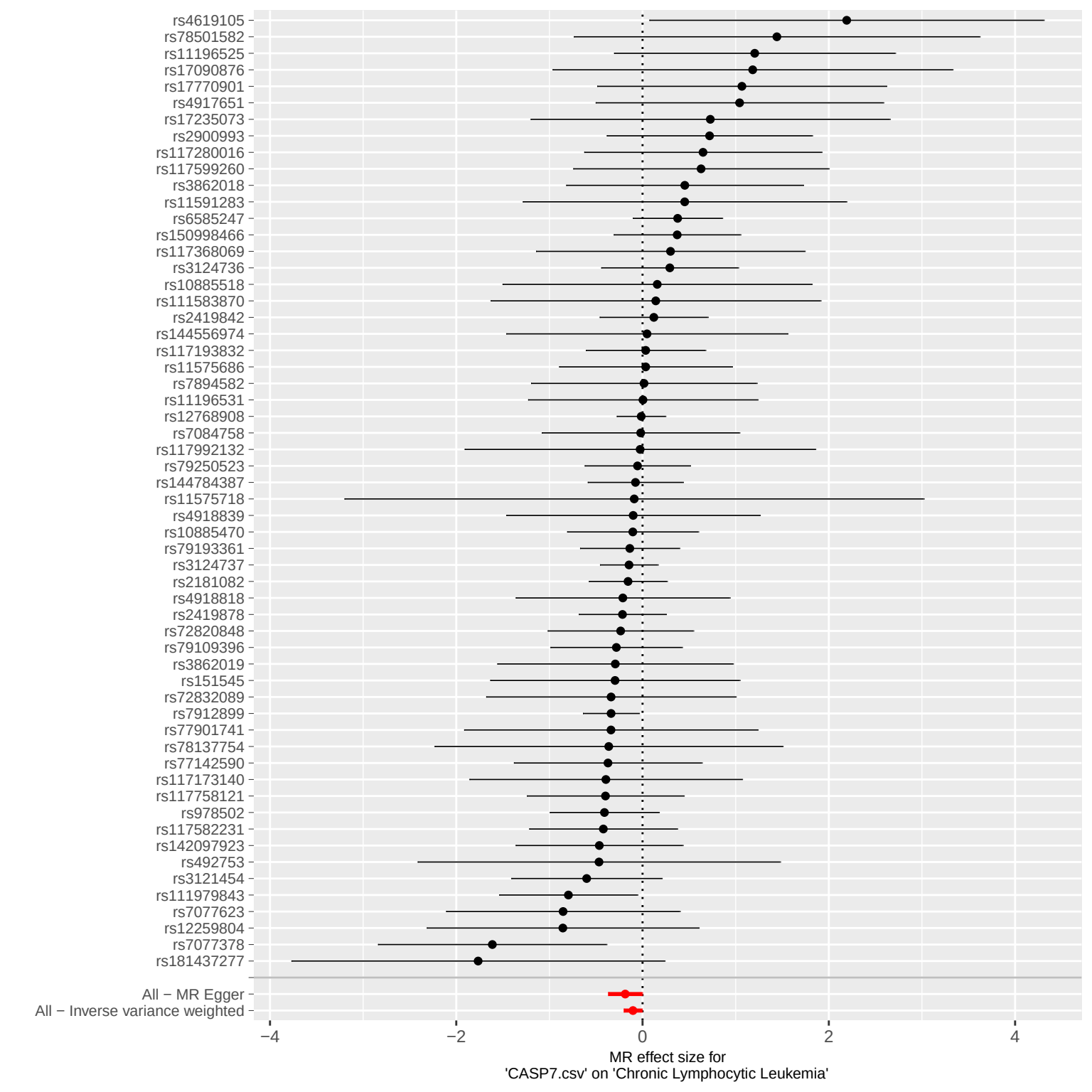
rs67511310
rs35856221
rs35392323
rs7933503
rs34463826
rs45519931
rs3181174
rs10895762
rs1893466
rs142652362
rs189680
rs10750712
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CASP5.csv' on 'Chronic Lymphocytic Leukemia'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rs3862018
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rs117368069
rs3124736
rs10885518
rs111583870
rs2419842
rs144556974
rs117193832
rs11575686
rs7894582
rs11196531
rs12768908
rs7084758
rs117992132
rs79250523
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rs79193361
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rs2181082
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rs117582231
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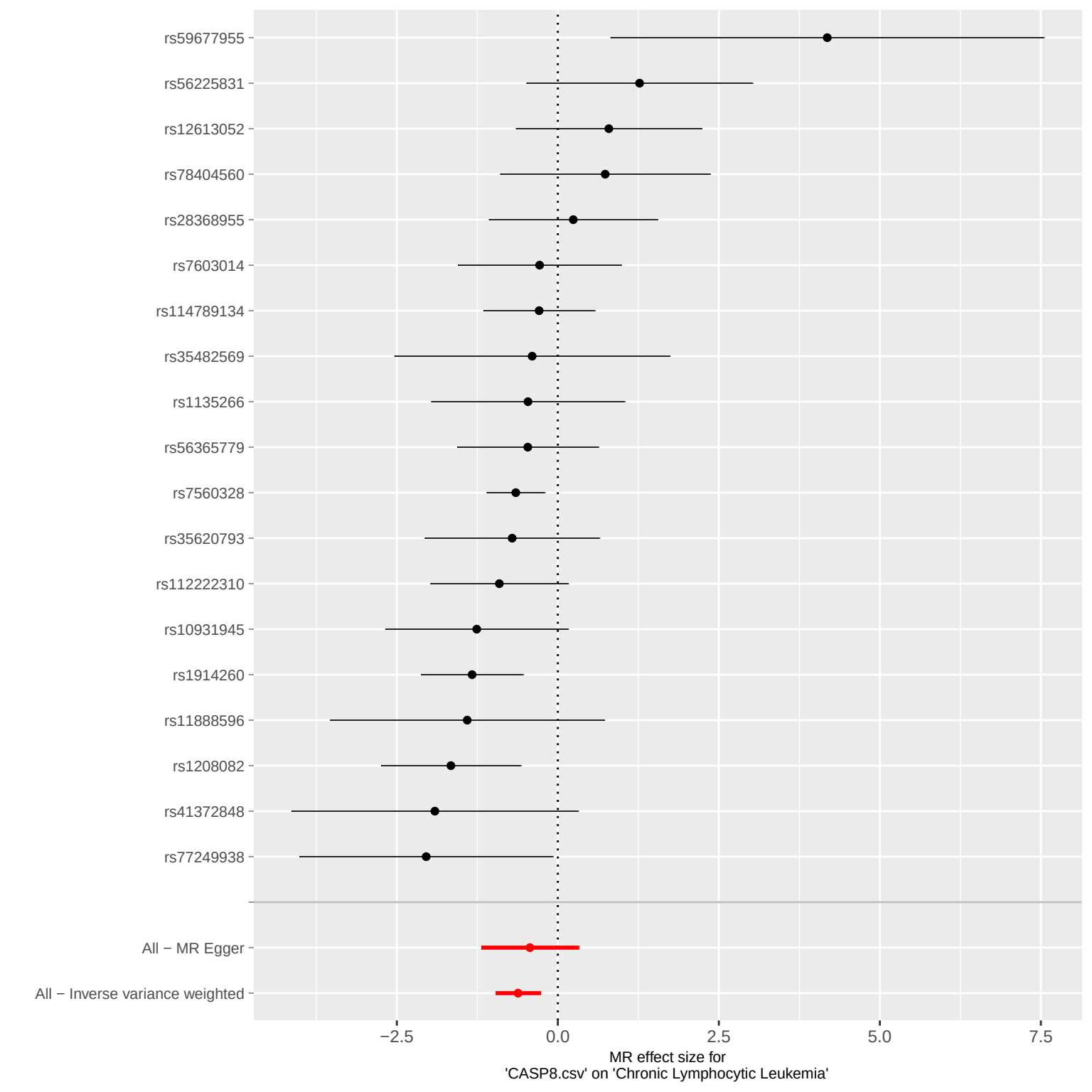
rs111979843
rs7077623
rs12259804
rs7077378
rs181437277
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CASP7.csv' on 'Chronic Lymphocytic Leukemia'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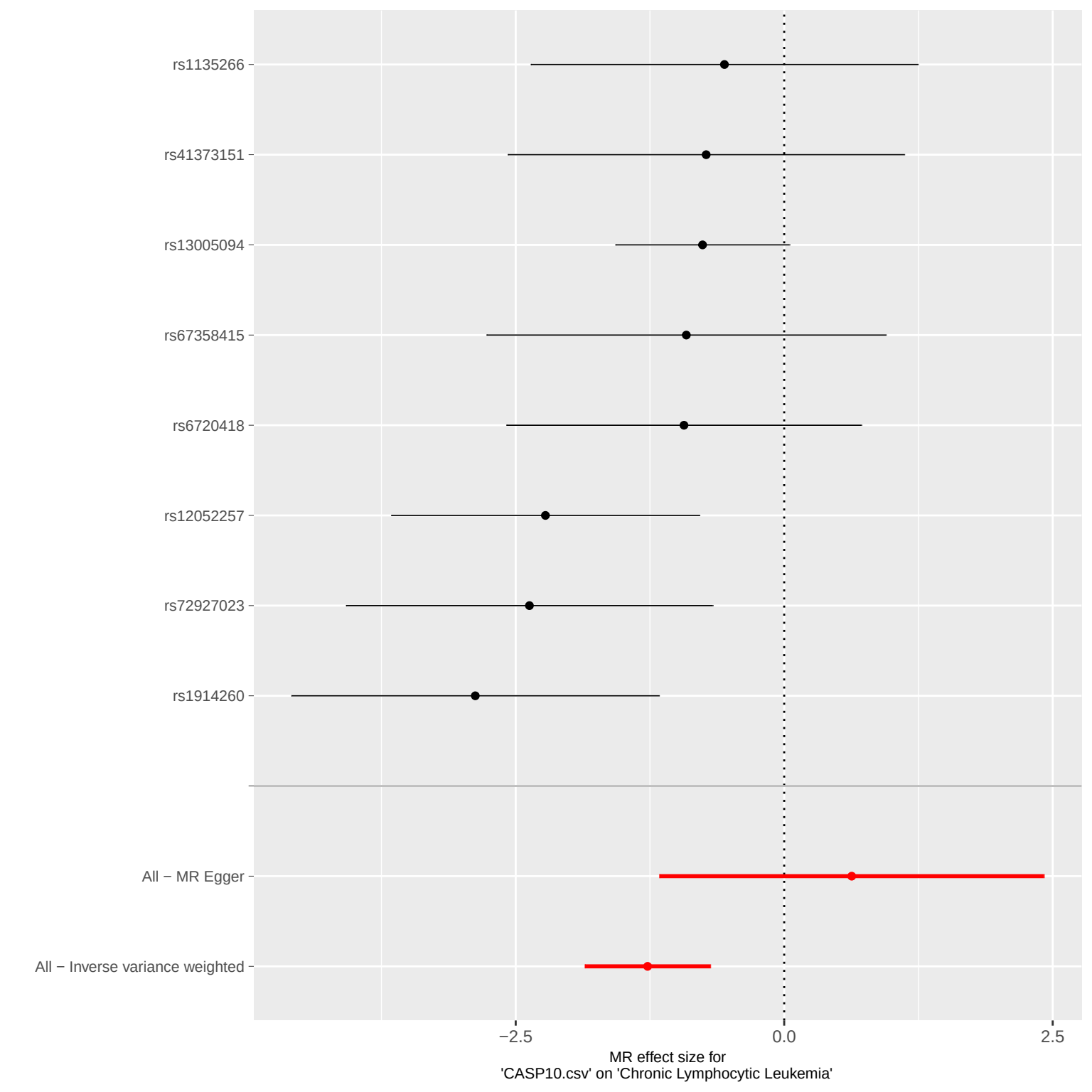
rs7560328
rs35620793
rs112222310
rs10931945
rs1914260
rs11888596
rs1208082
rs41372848
rs77249938
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'CASP8.csv' on 'Chronic Lymphocytic Leukemia'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rs41373151
rs13005094
rs67358415
rs6720418
rs12052257
rs72927023
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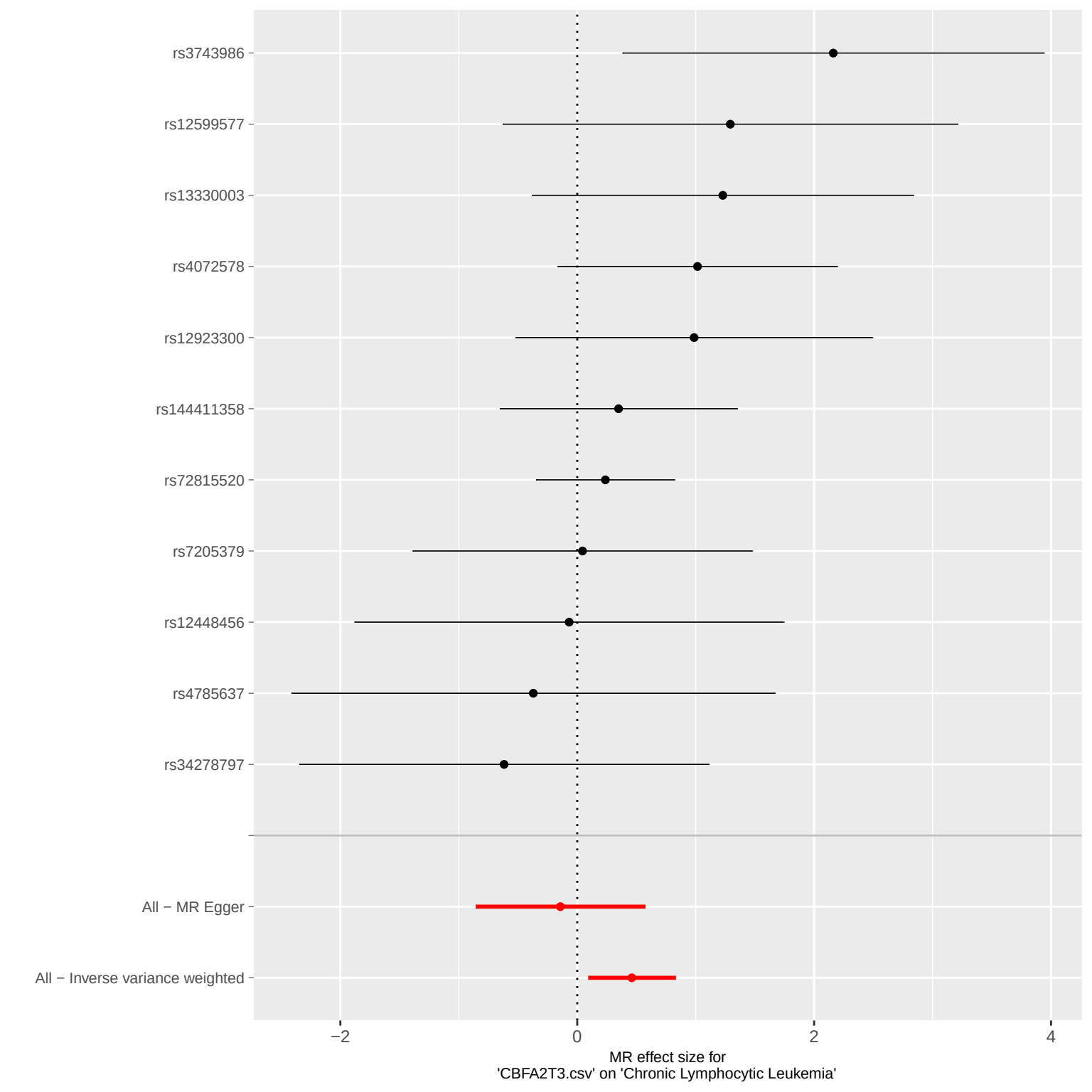
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'CASP10.csv' on 'Chronic Lymphocytic Leukemia'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rs13330003
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rs144411358
rs72815520
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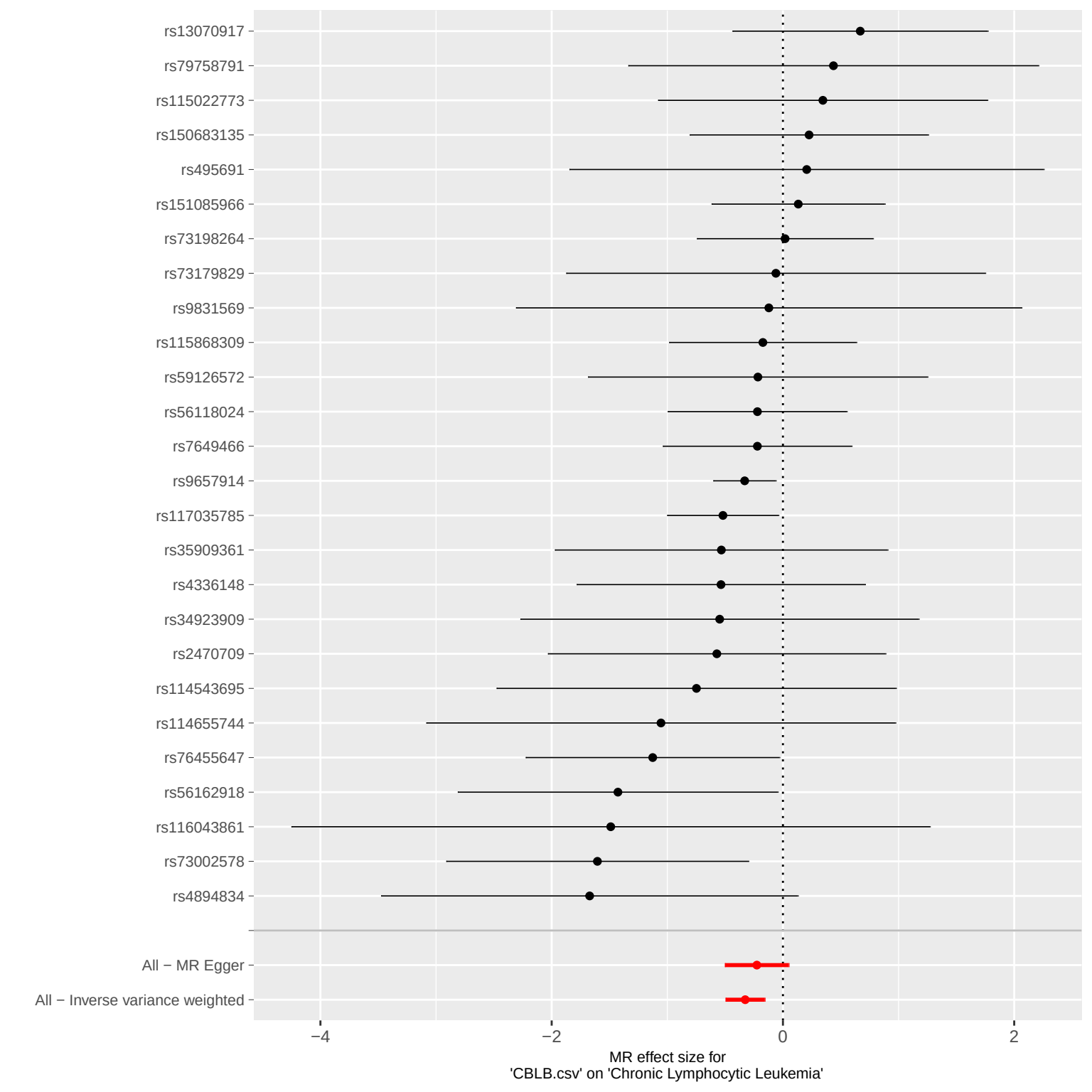
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CBFA2T3.csv' on 'Chronic Lymphocytic Leukemia'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rs73179829
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rs56118024
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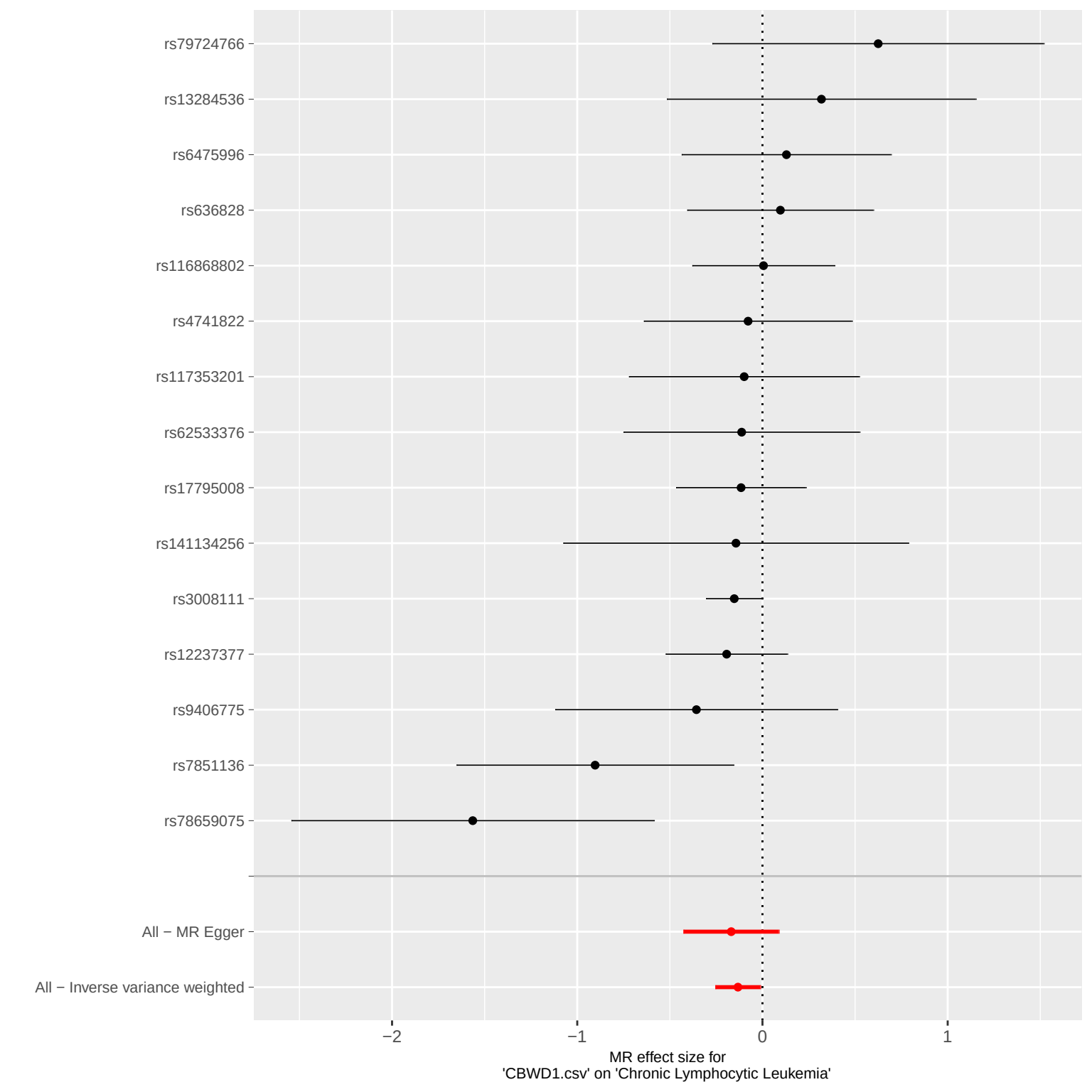
rs4336148
rs34923909
rs2470709
rs114543695
rs114655744
rs76455647
rs56162918
rs116043861
rs73002578
rs4894834
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CBLB.csv' on 'Chronic Lymphocytic Leukemia'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rs4741822
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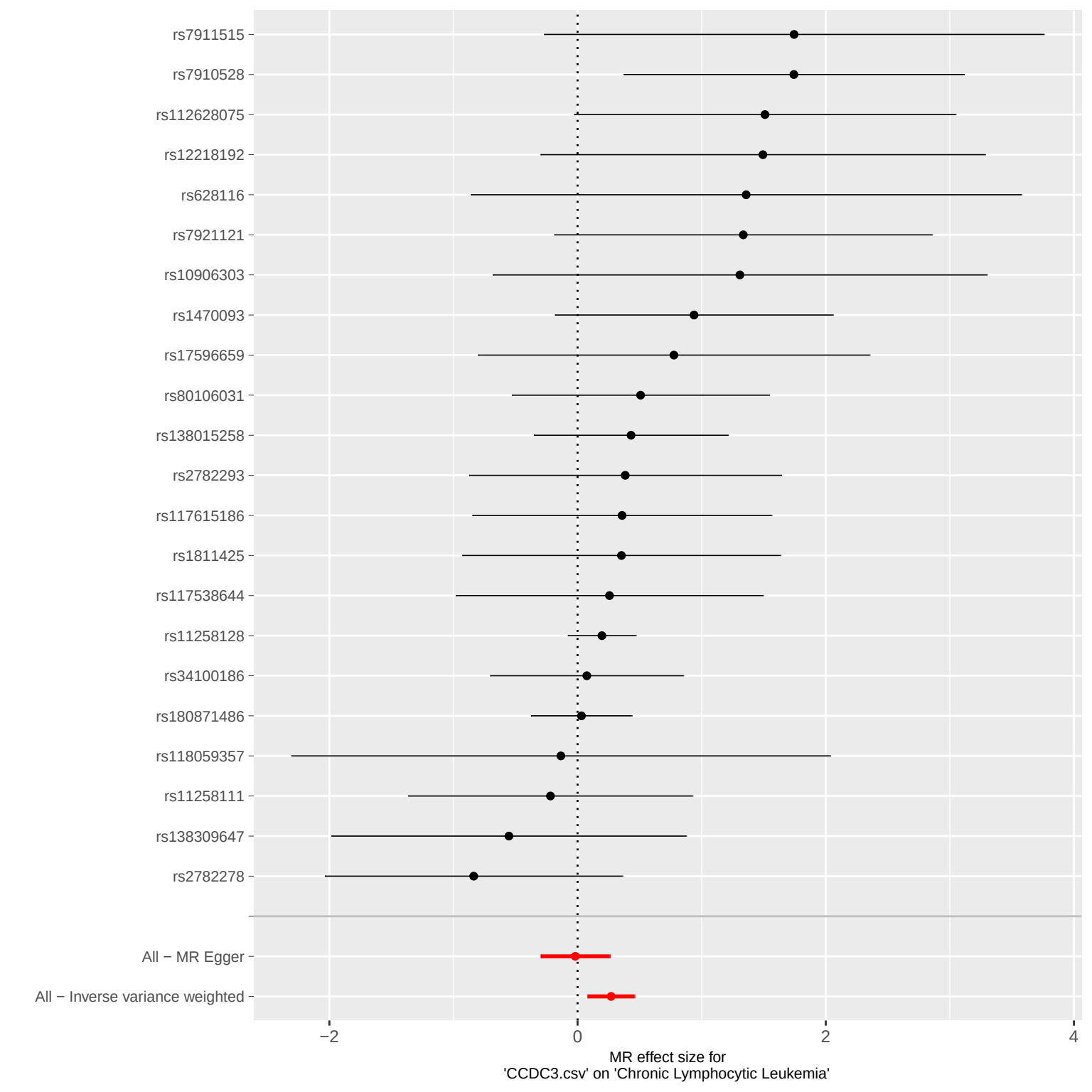
rs17795008
rs141134256
rs3008111
rs12237377
rs9406775
rs7851136
rs78659075
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'CBWD1.csv' on 'Chronic Lymphocytic Leukemia'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rs2782293
rs117615186
rs1811425
rs117538644
rs11258128
rs34100186
rs180871486
rs118059357
rs11258111
rs138309647
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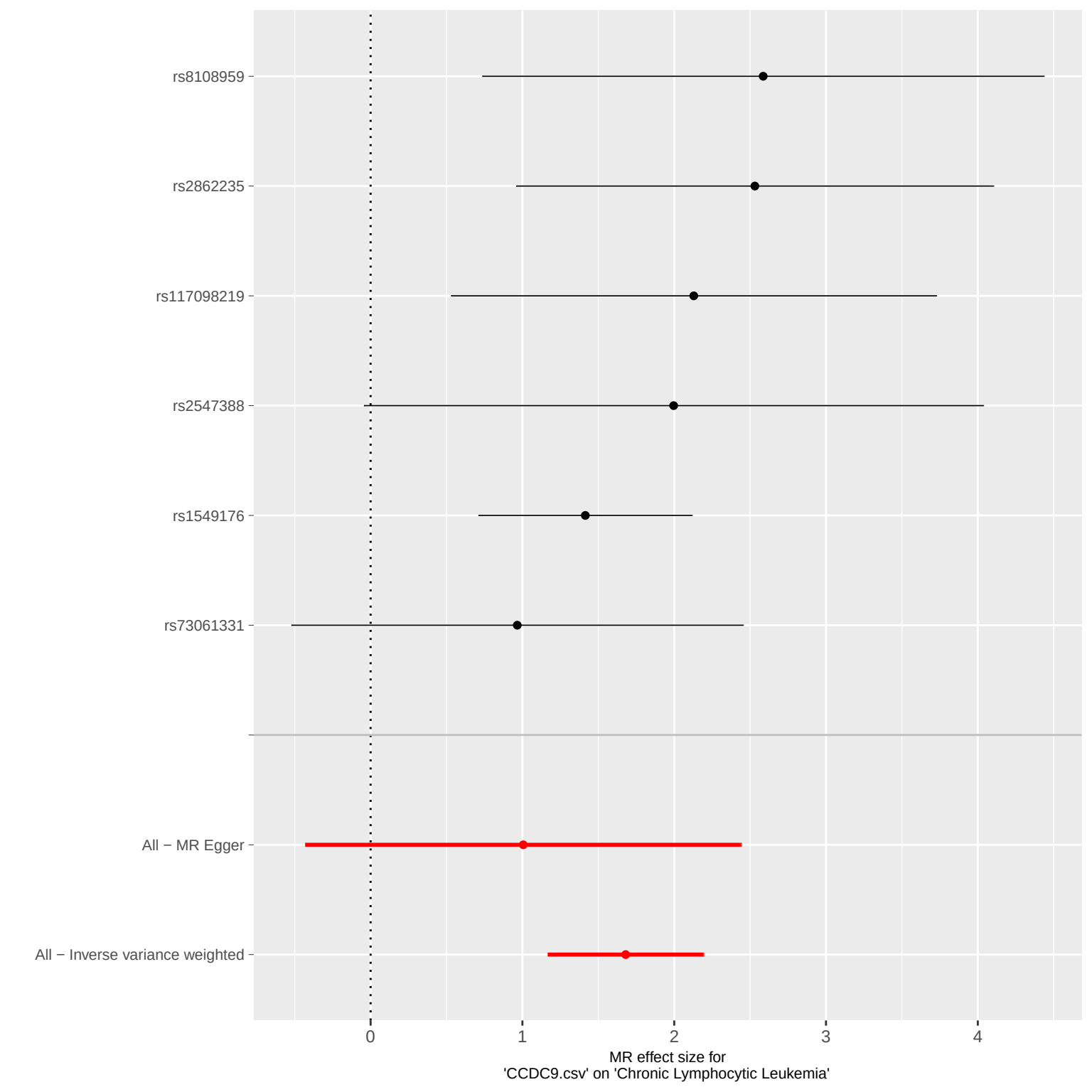
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CCDC3.csv' on 'Chronic Lymphocytic Leukemia'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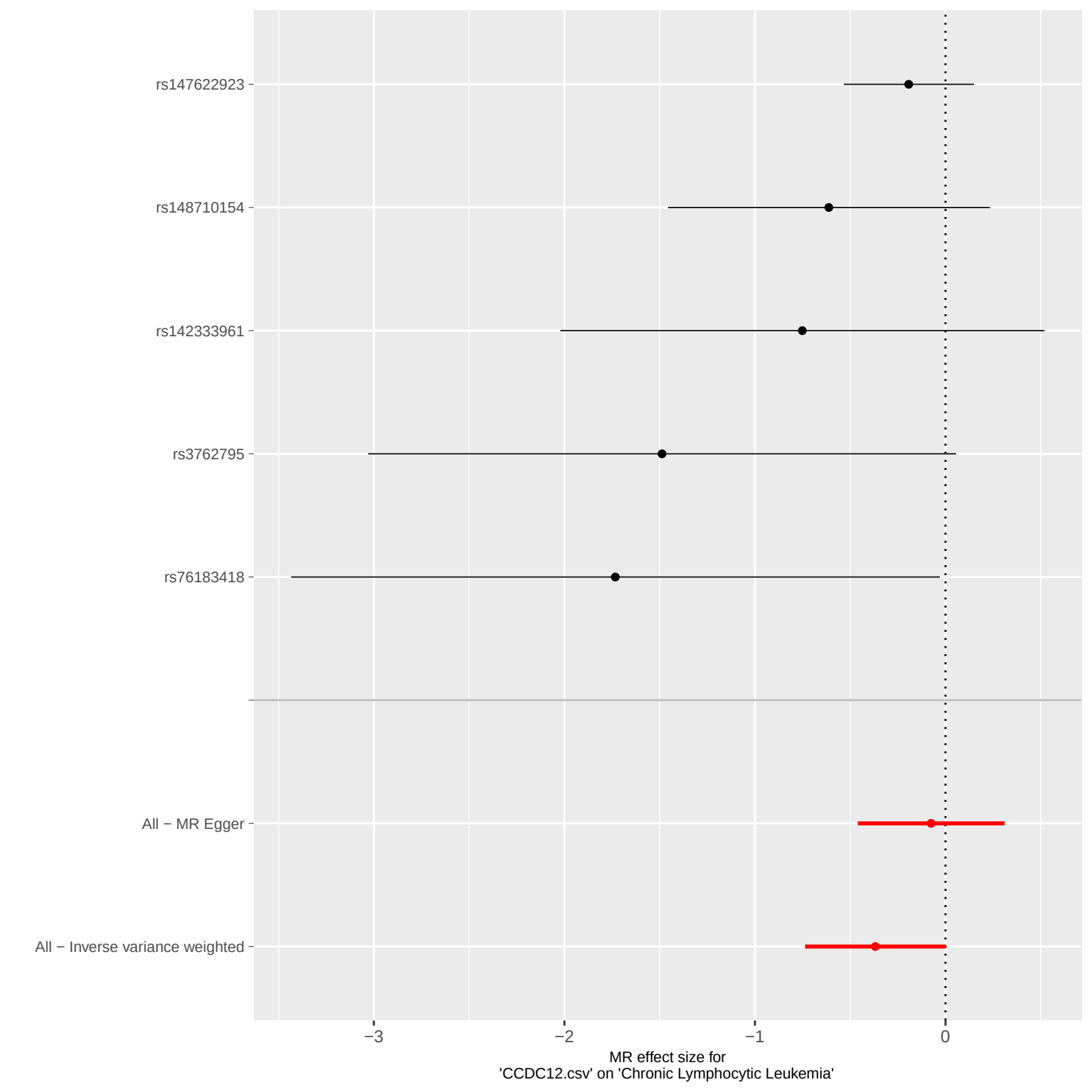
rs117098219
rs2547388
rs1549176
rs73061331
All − MR Egger
All − Inverse variance weighted
0
1
2
3
4
MR effect size for
'CCDC9.csv' on 'Chronic Lymphocytic Leukemia'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rs148710154
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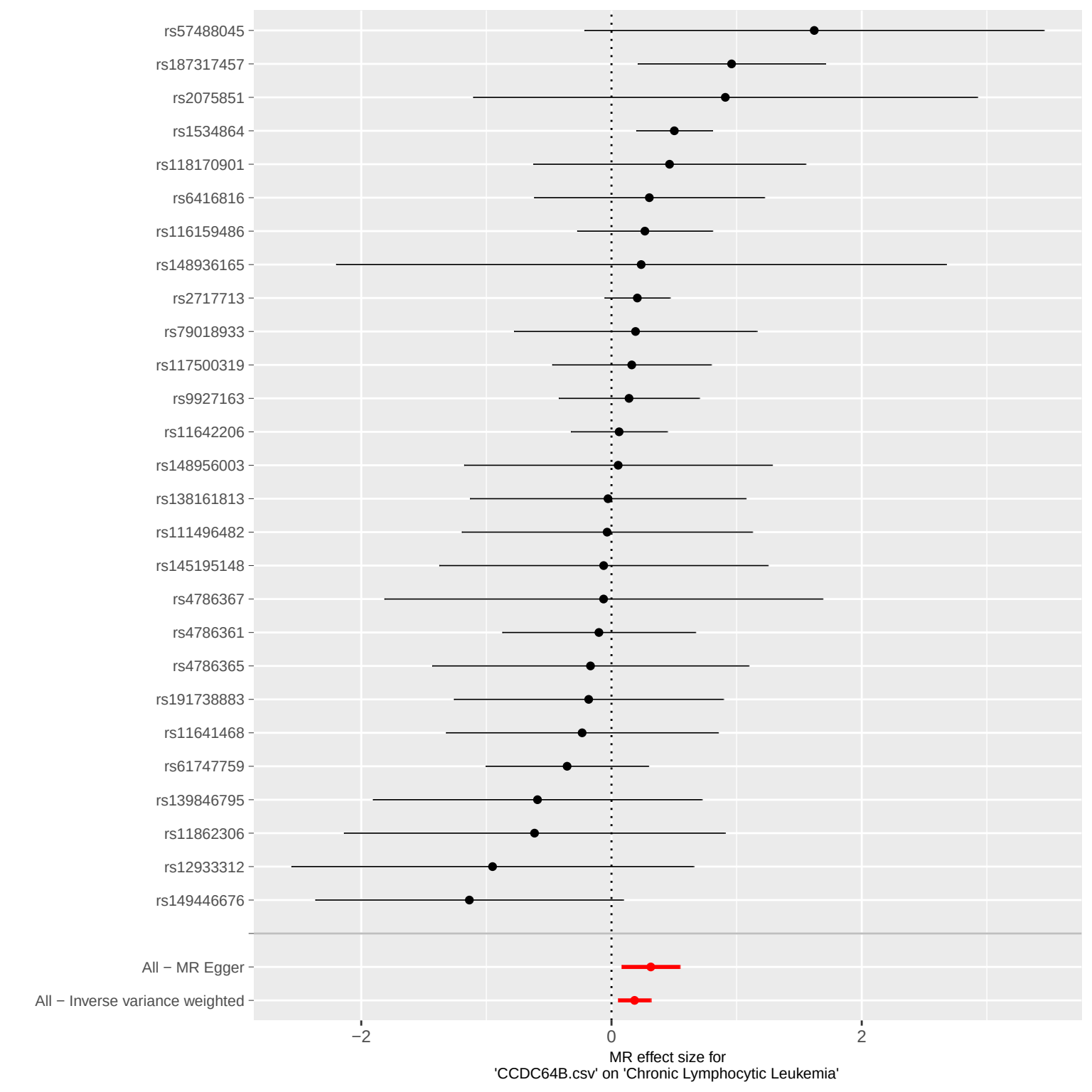
rs76183418
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
MR effect size for
'CCDC12.csv' on 'Chronic Lymphocytic Leukemia'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rs11862306
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All − MR Egger
All − Inverse variance weighted
−2
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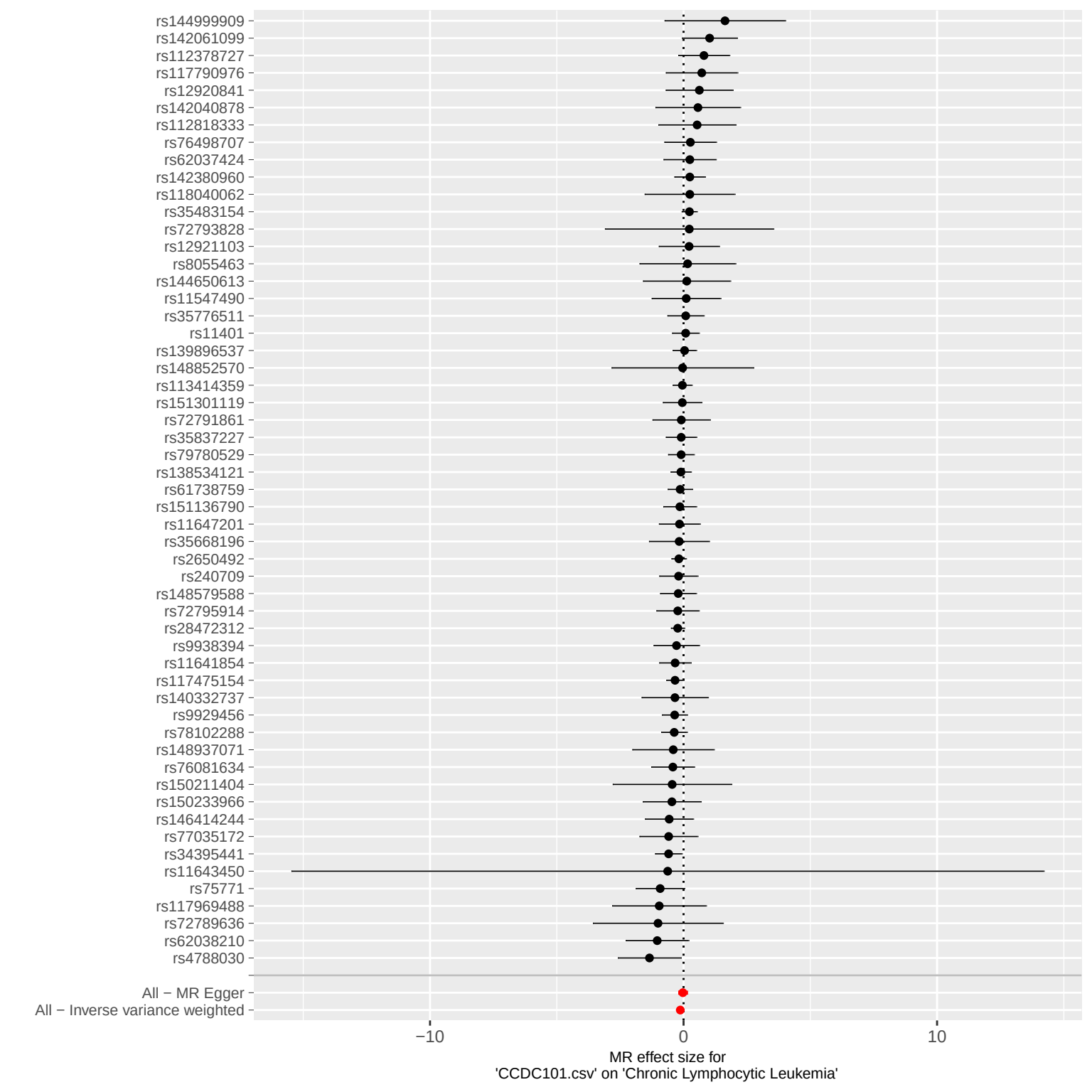
2
MR effect size for
'CCDC64B.csv' on 'Chronic Lymphocytic Leukemia'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rs77035172
rs34395441
rs11643450
rs75771
rs117969488
rs72789636
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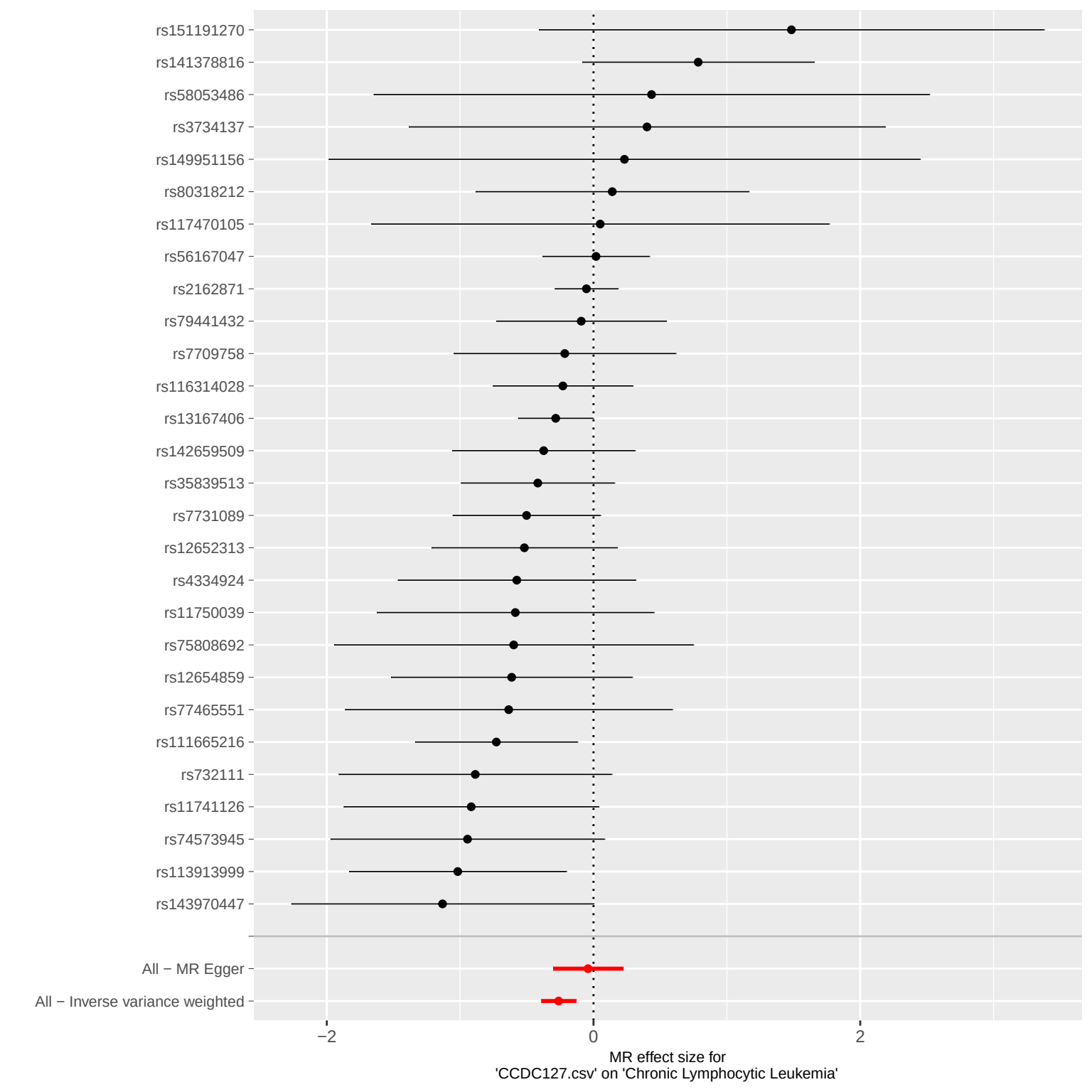
rs4788030
All − MR Egger
All − Inverse variance weighted
−10
0
10
MR effect size for
'CCDC101.csv' on 'Chronic Lymphocytic Leukemia'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rs35839513
rs7731089
rs12652313
rs4334924
rs11750039
rs75808692
rs12654859
rs77465551
rs111665216
rs732111
rs11741126
rs74573945
rs113913999
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All − MR Egger
All − Inverse variance weighted
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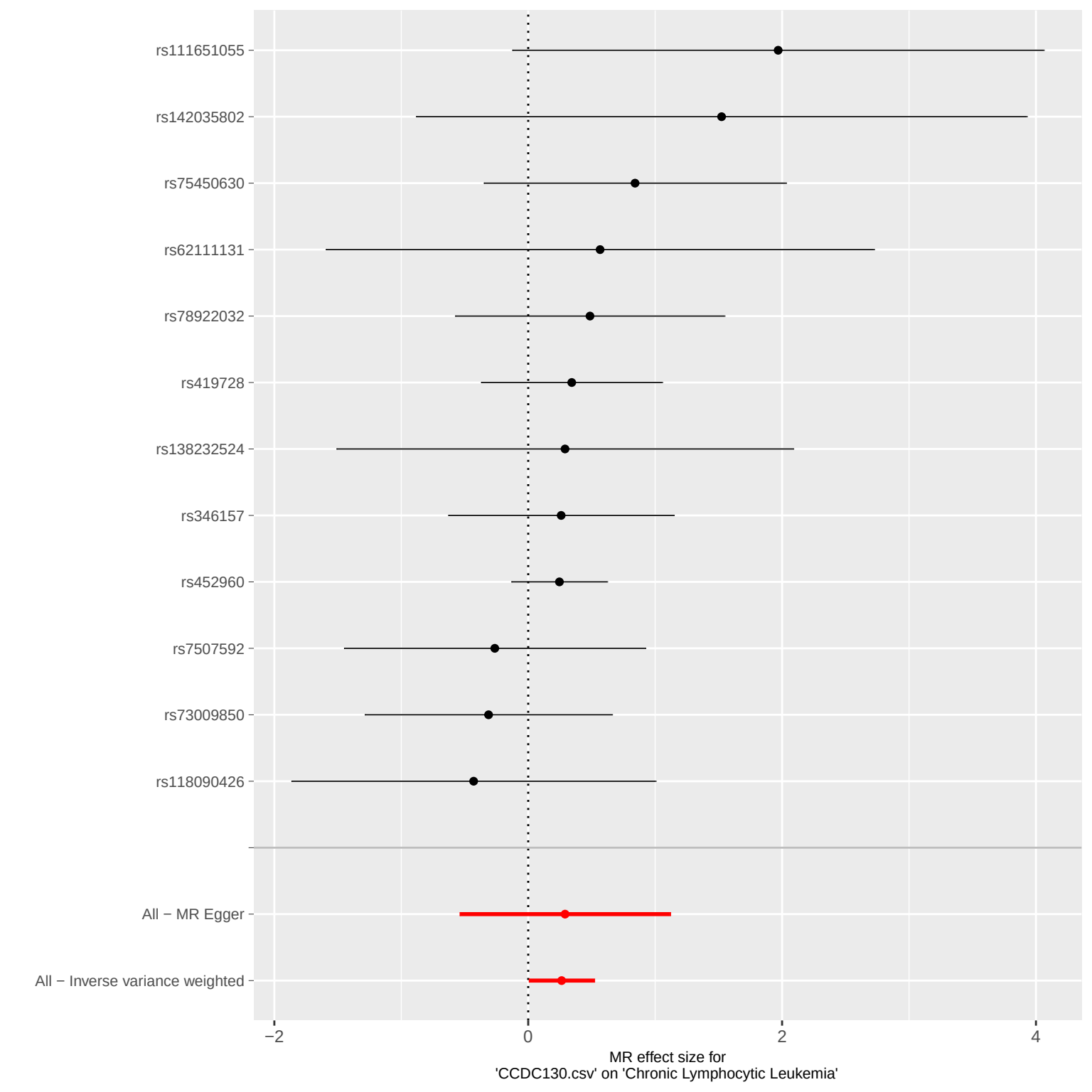
2
MR effect size for
'CCDC127.csv' on 'Chronic Lymphocytic Leukemia'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rs419728
rs138232524
rs346157
rs452960
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rs73009850
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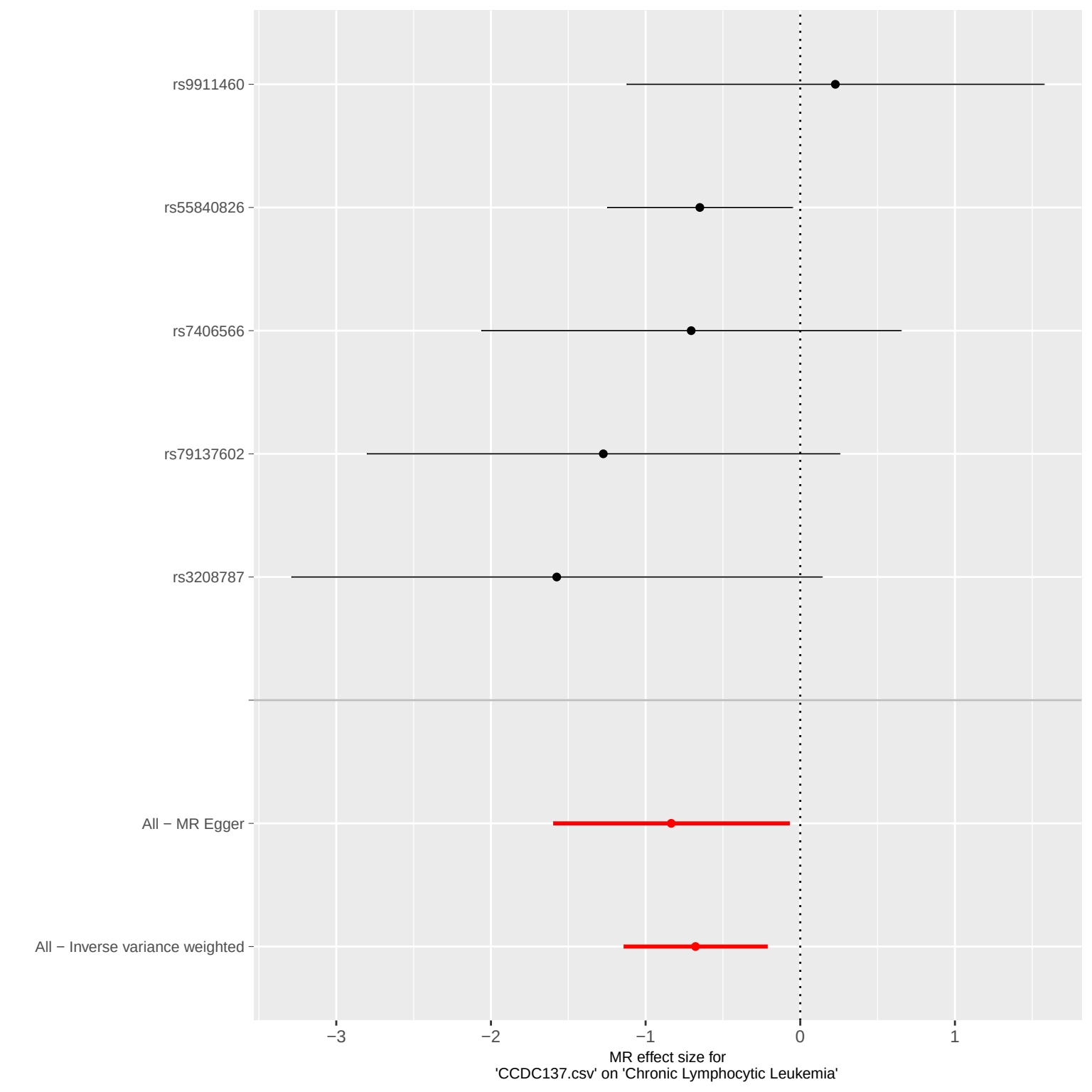
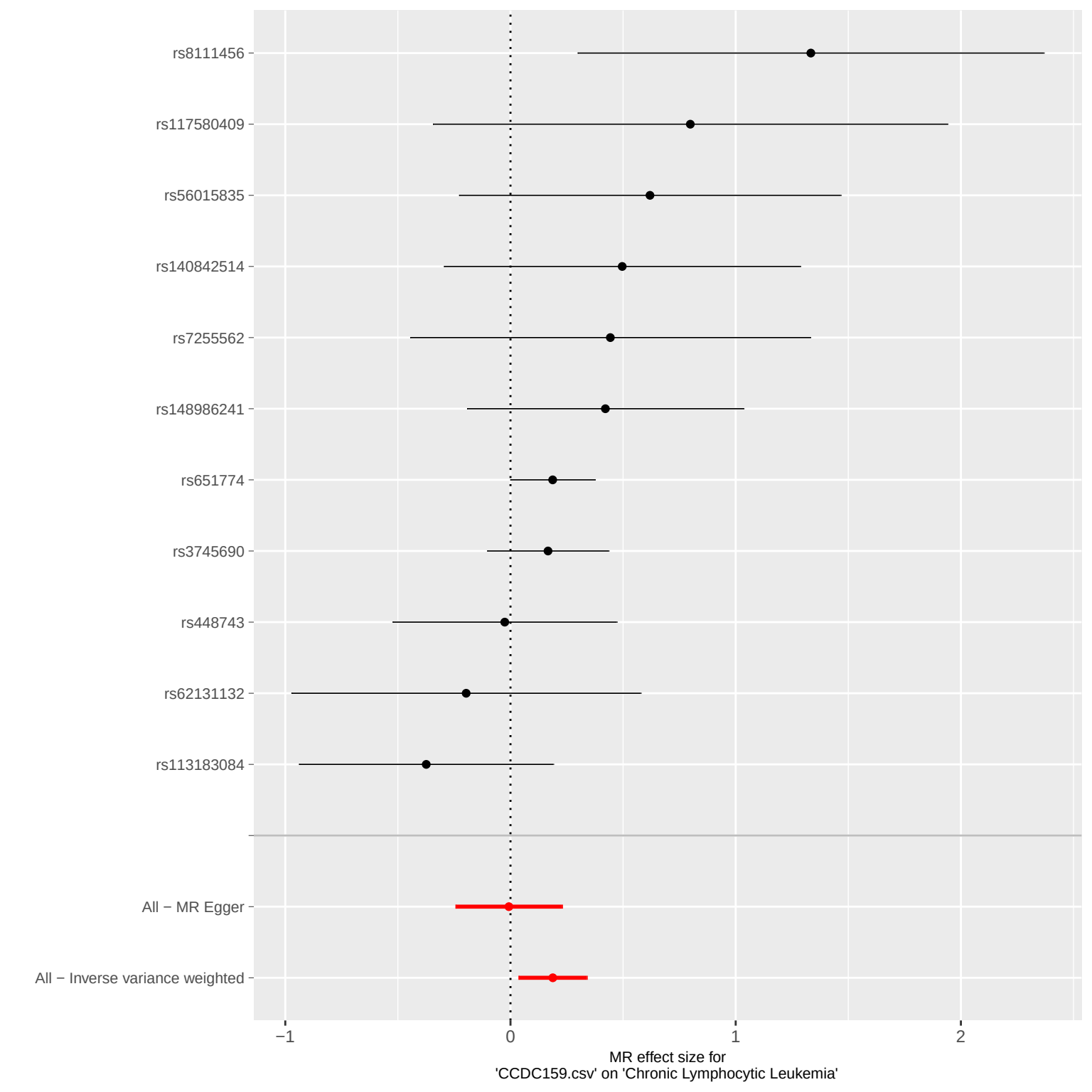
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CCDC130.csv' on 'Chronic Lymphocytic Leukemia'


rs9911460
rs55840826
rs7406566
rs79137602
rs3208787
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'CCDC137.csv' on 'Chronic Lymphocytic Leukemia'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rs448743
rs62131132
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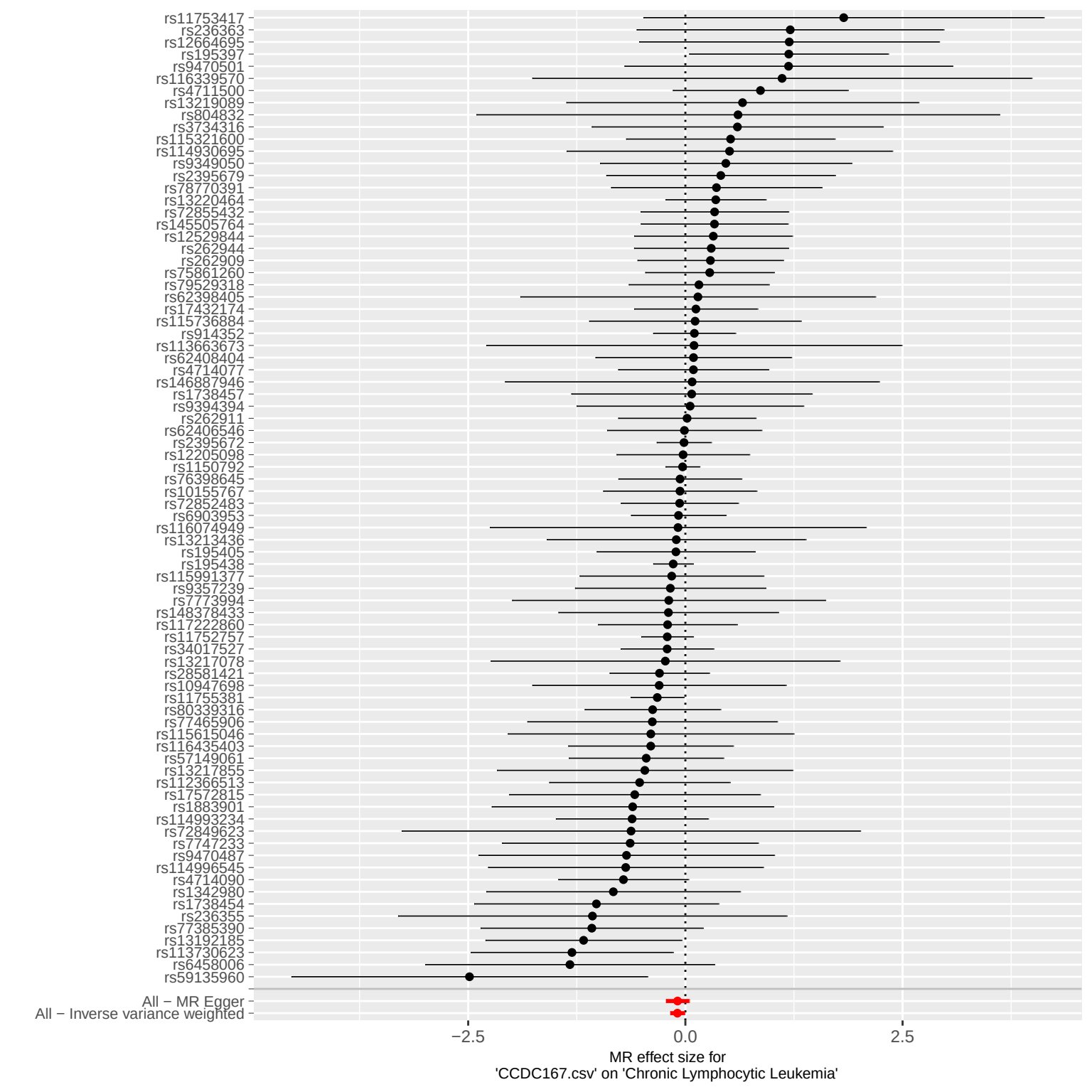
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'CCDC159.csv' on 'Chronic Lymphocytic Leukemia'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rs9349050
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rs1342980
rs1738454
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rs77385390
rs13192185
rs113730623
rs6458006
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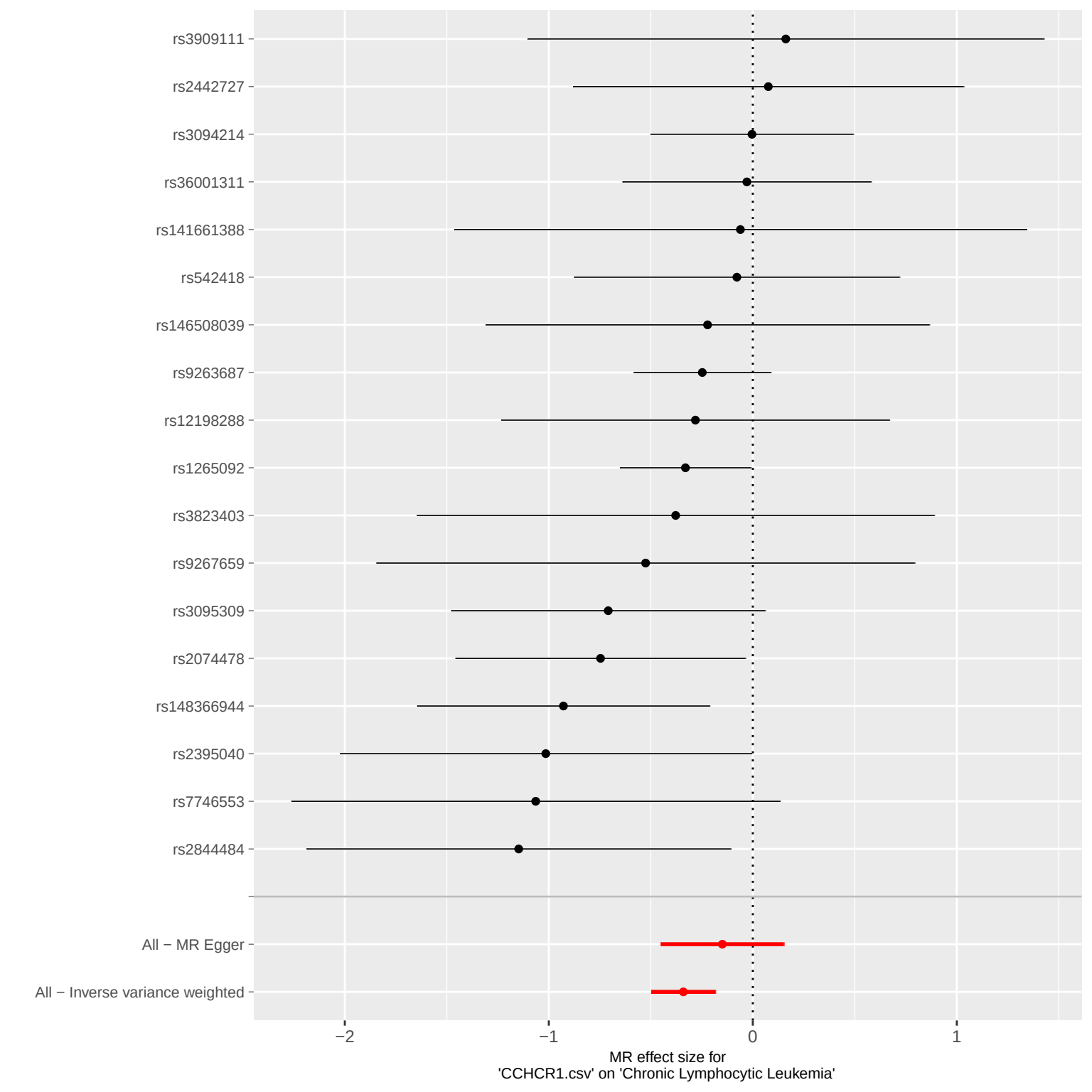
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'CCDC167.csv' on 'Chronic Lymphocytic Leukemia'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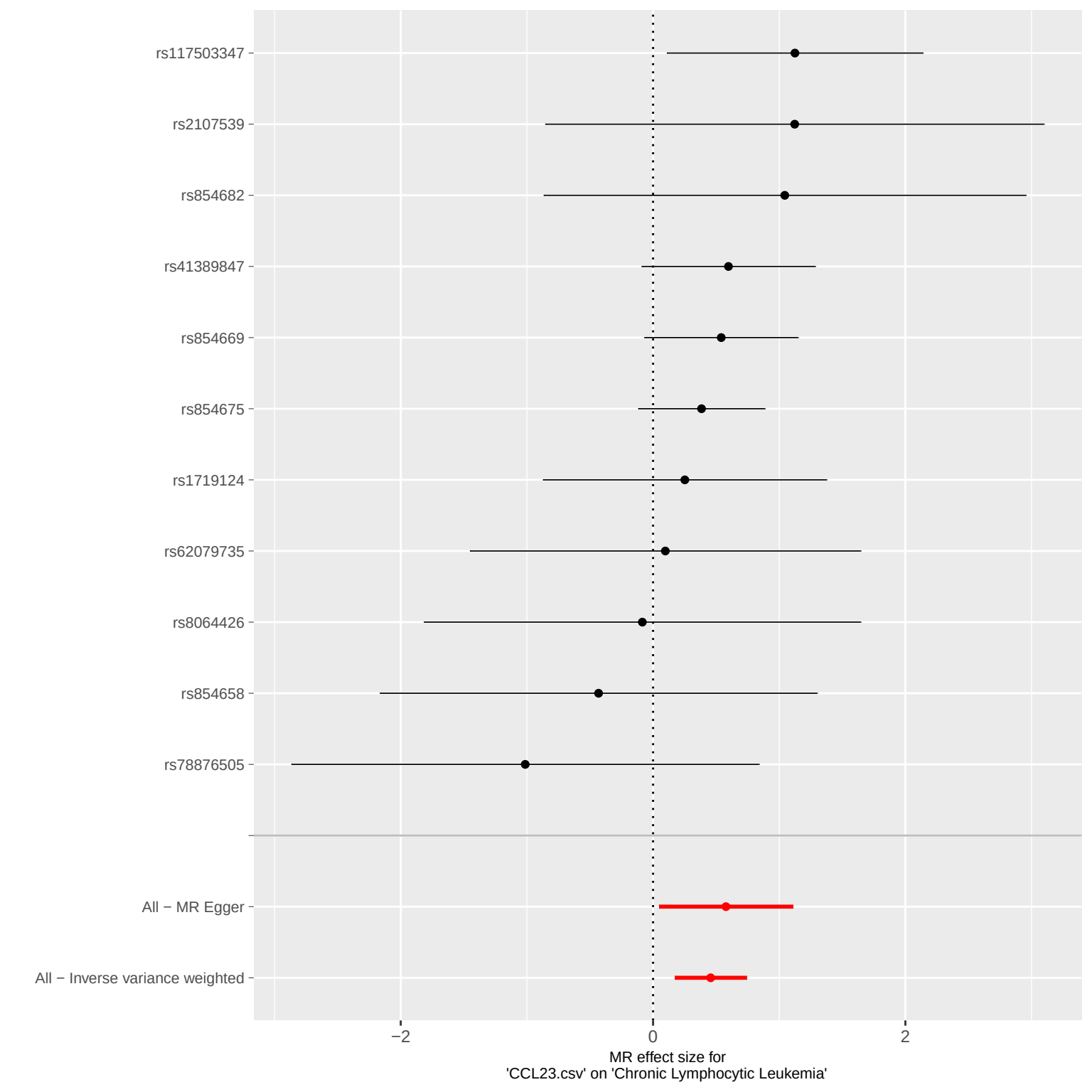
rs9263687
rs12198288
rs1265092
rs3823403
rs9267659
rs3095309
rs2074478
rs148366944
rs2395040
rs7746553
rs2844484
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'CCHCR1.csv' on 'Chronic Lymphocytic Leukemia'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rs8064426
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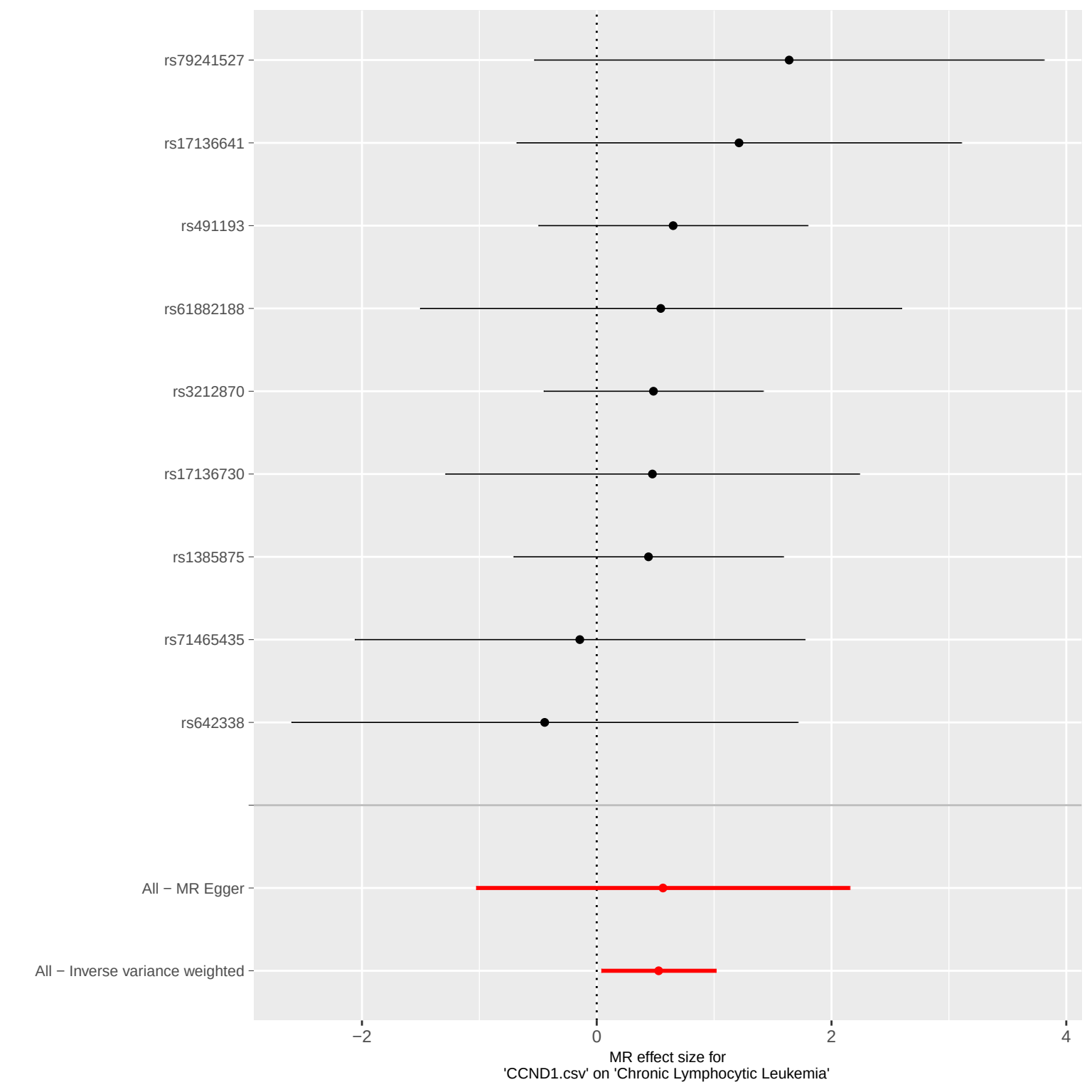
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CCL23.csv' on 'Chronic Lymphocytic Leukemia'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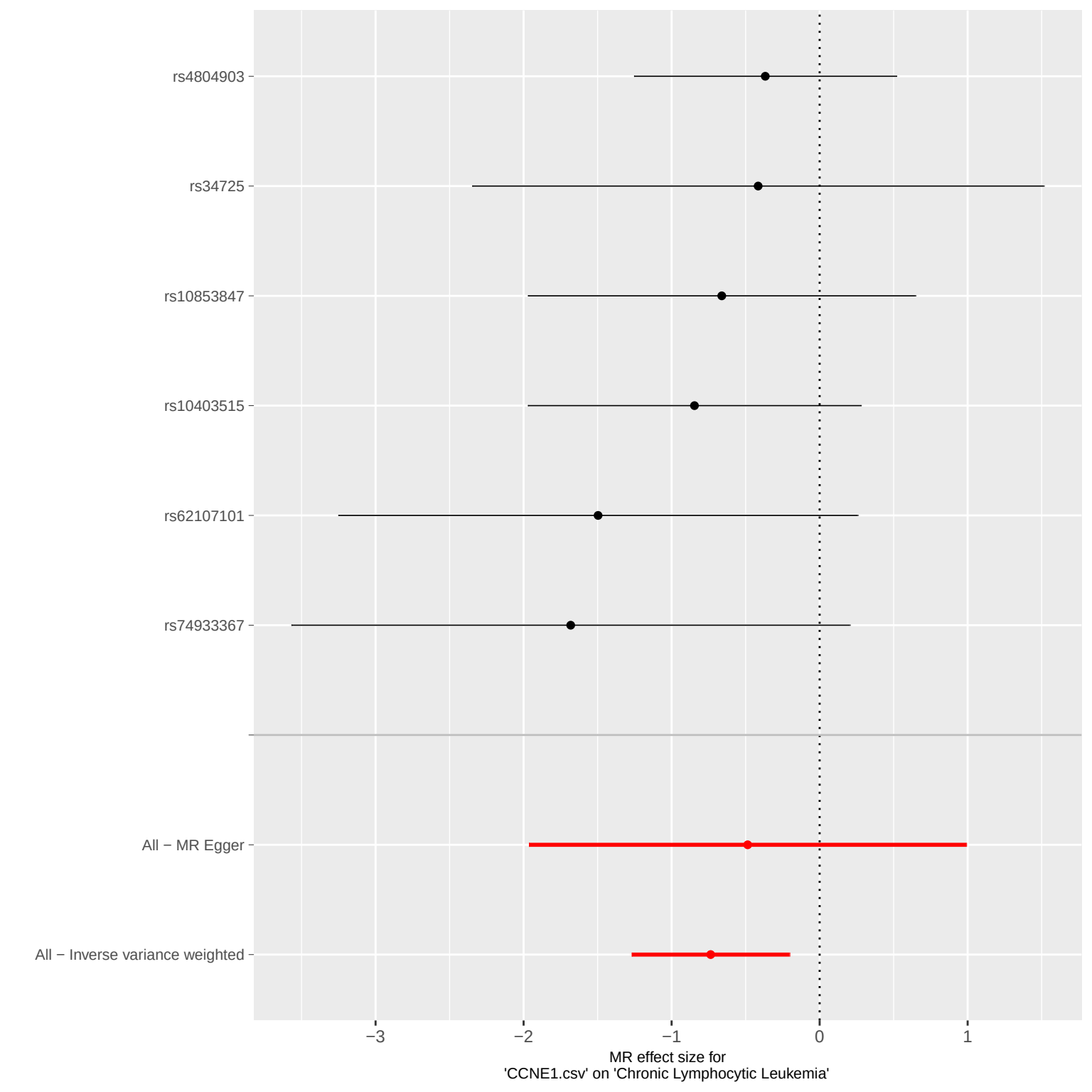
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CCND1.csv' on 'Chronic Lymphocytic Leukemia'


rs4804903
rs34725
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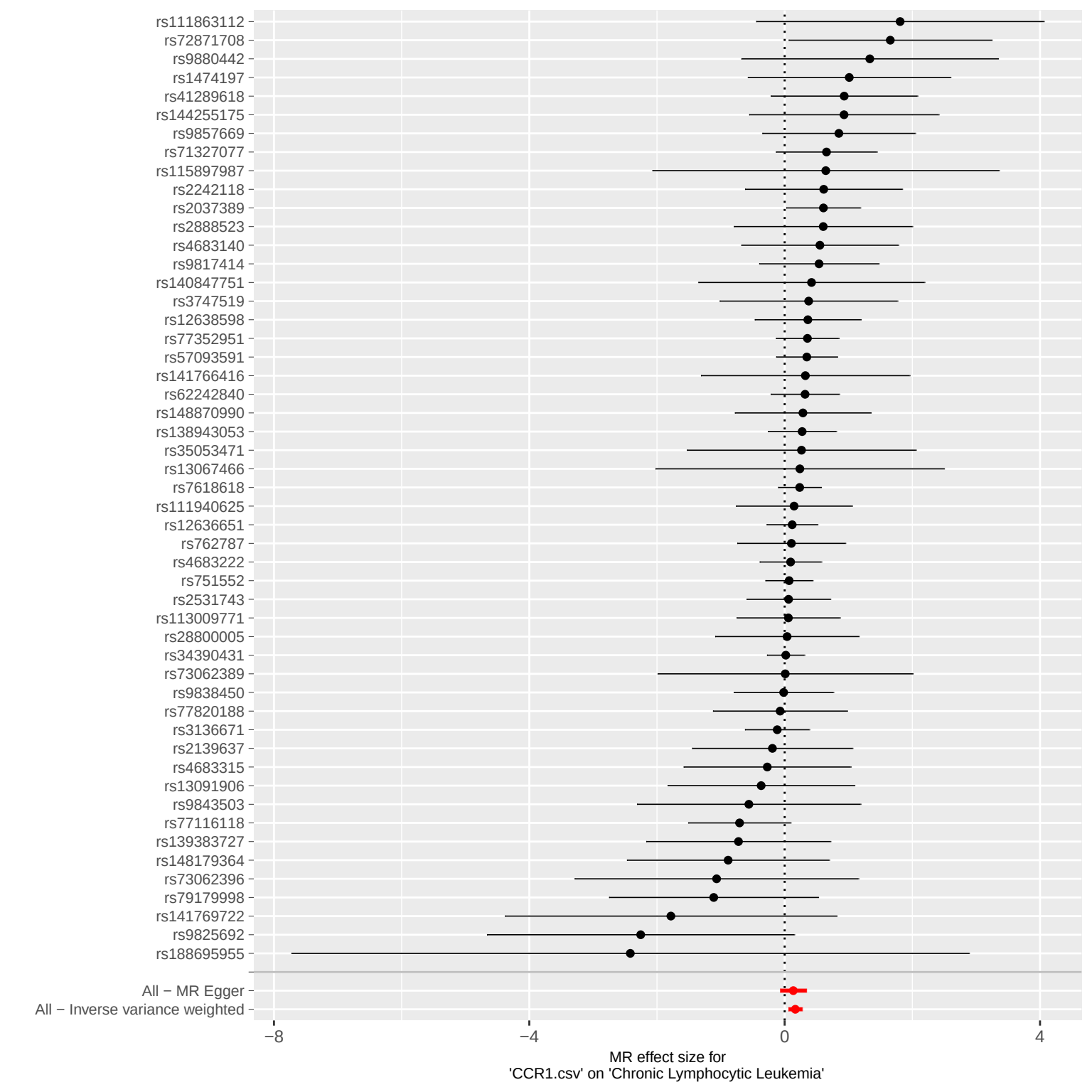
rs10403515
rs62107101
rs74933367
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'CCNE1.csv' on 'Chronic Lymphocytic Leukemia'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rs9825692
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All − Inverse variance weighted
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−4
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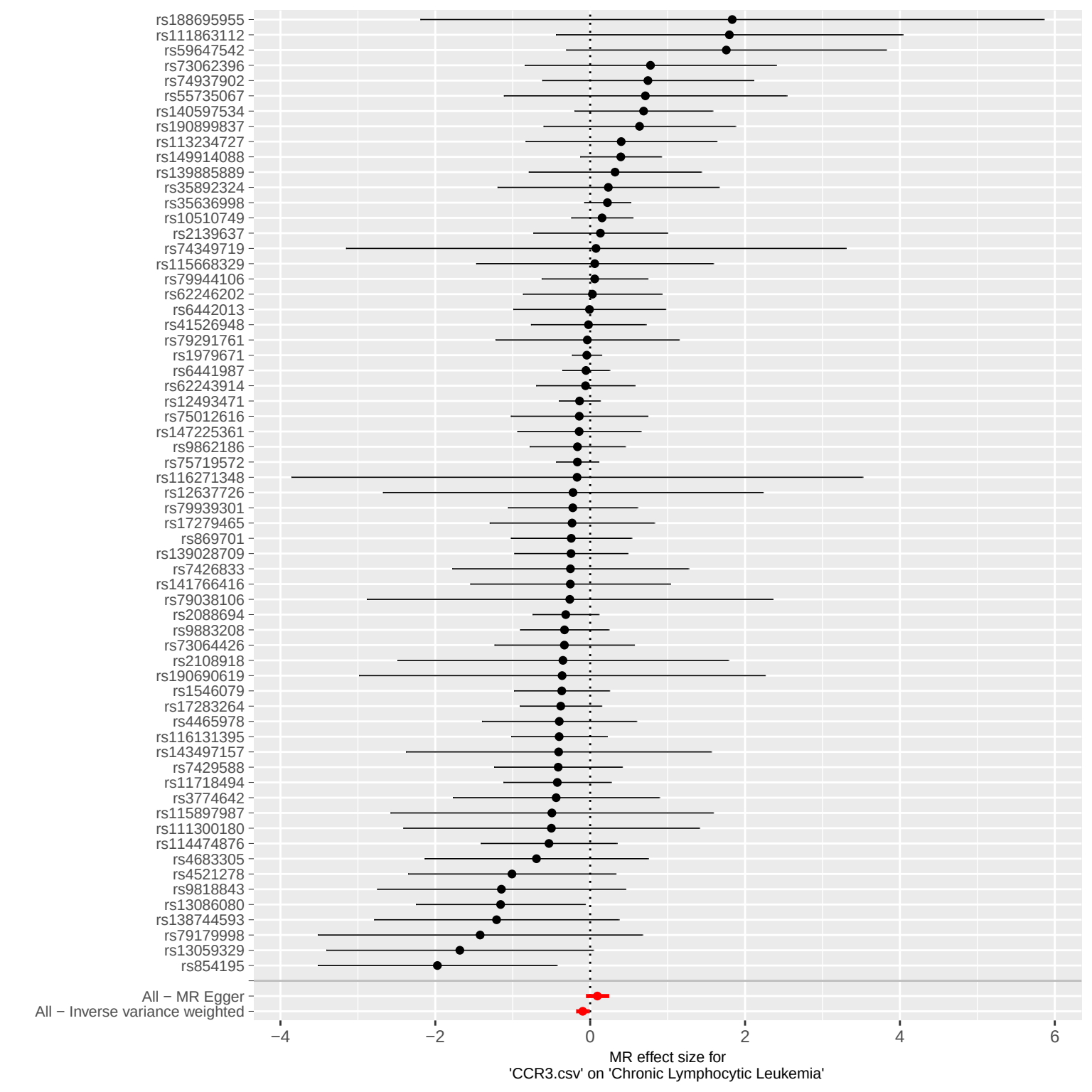
MR effect size for
'CCR1.csv' on 'Chronic Lymphocytic Leukemia'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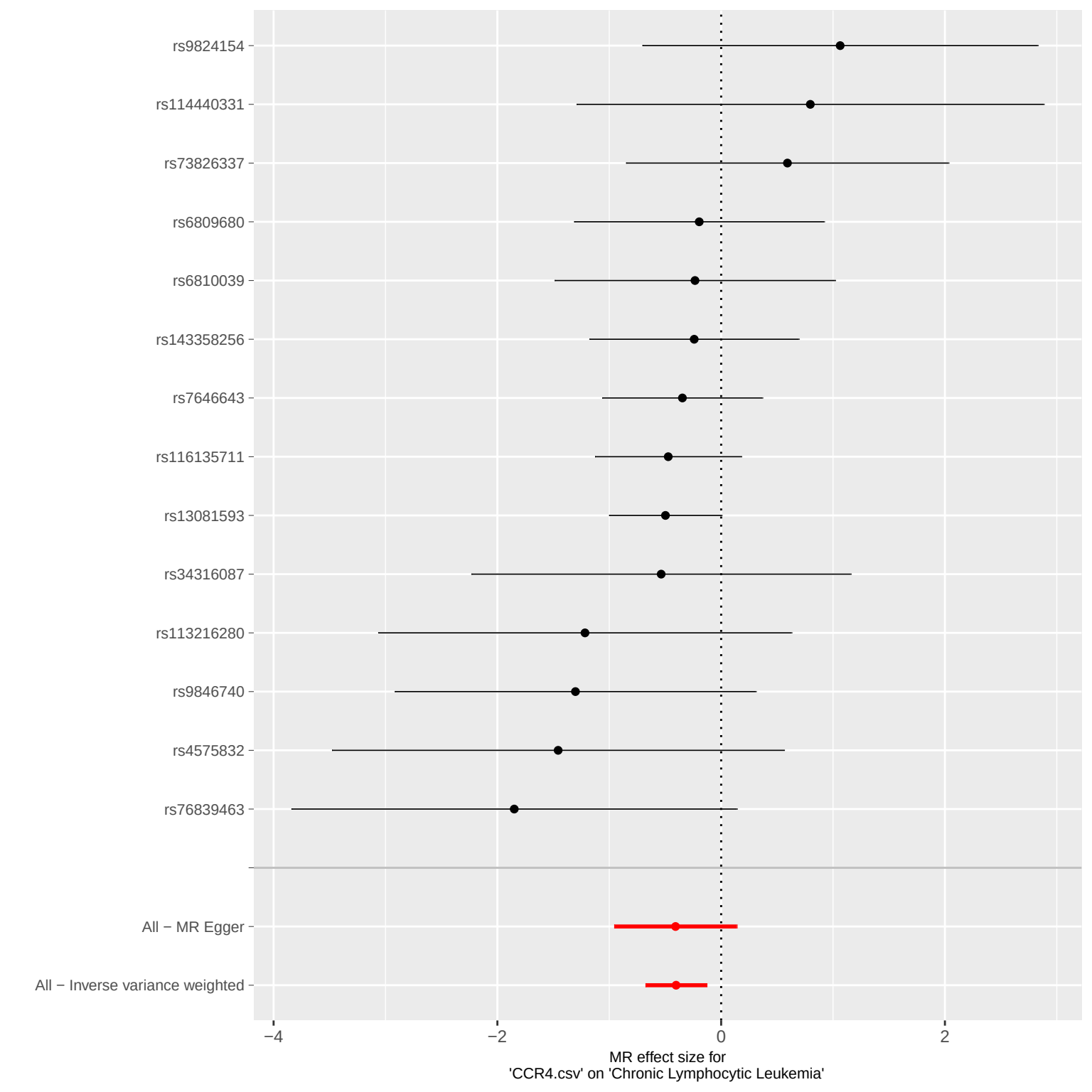
rs4683305
rs4521278
rs9818843
rs13086080
rs138744593
rs79179998
rs13059329
rs854195
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'CCR3.csv' on 'Chronic Lymphocytic Leukemia'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rs6810039
rs143358256
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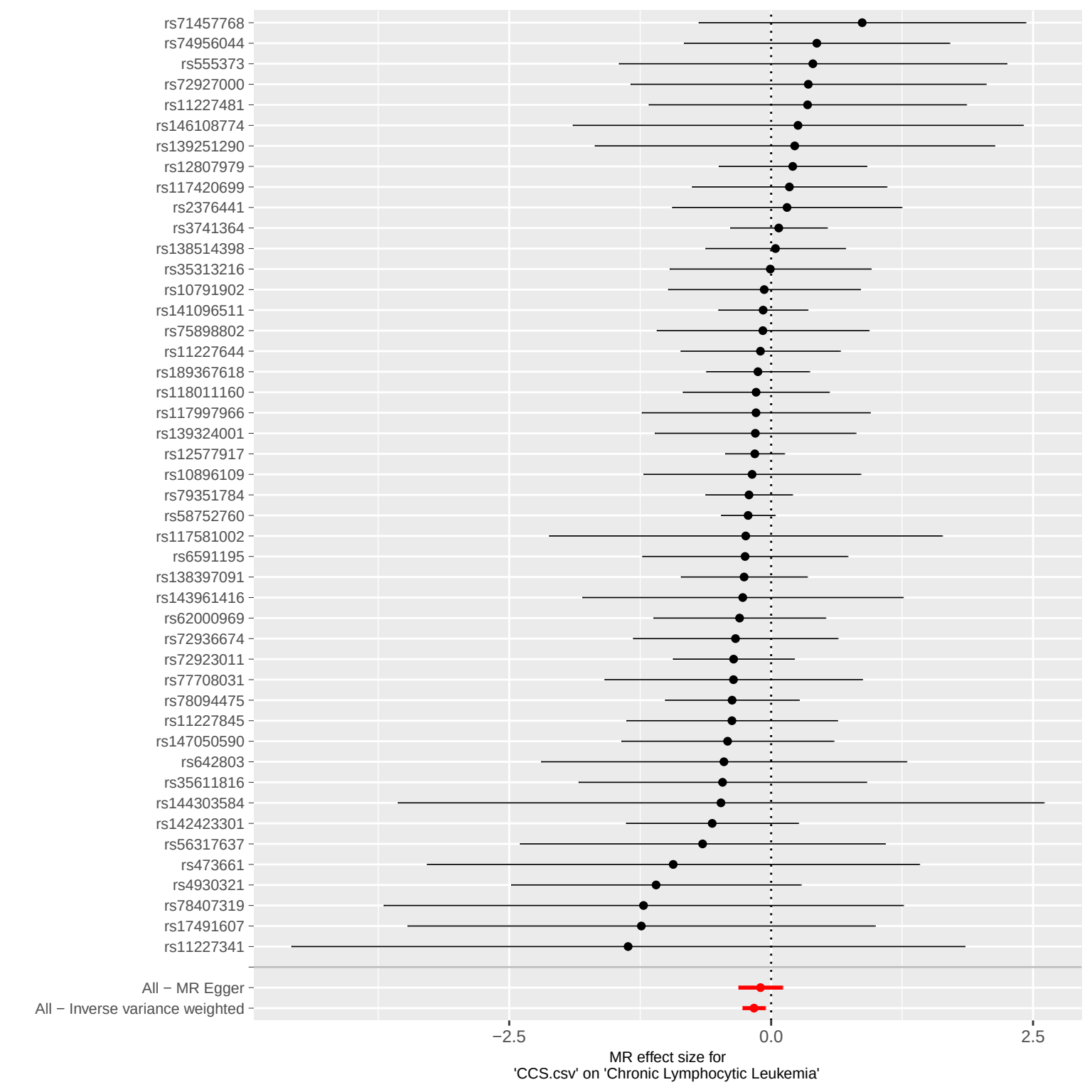
rs116135711
rs13081593
rs34316087
rs113216280
rs9846740
rs4575832
rs76839463
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CCR4.csv' on 'Chronic Lymphocytic Leukemia'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rs138514398
rs35313216
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rs75898802
rs11227644
rs189367618
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rs35611816
rs144303584
rs142423301
rs56317637
rs473661
rs4930321
rs78407319
rs17491607
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All − MR Egger
All − Inverse variance weighted
−2.5
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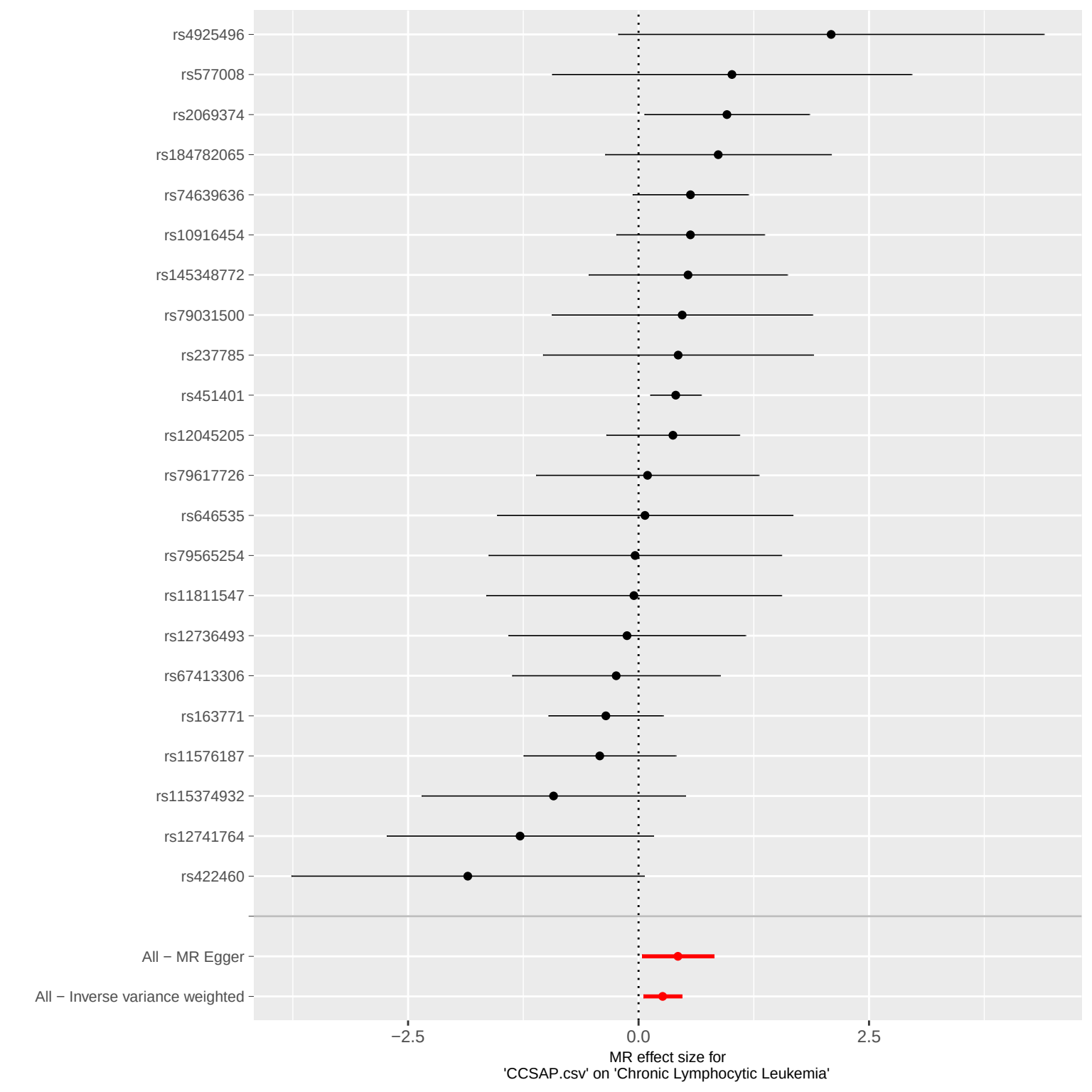
2.5
MR effect size for
'CCS.csv' on 'Chronic Lymphocytic Leukemia'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rs79617726
rs646535
rs79565254
rs11811547
rs12736493
rs67413306
rs163771
rs11576187
rs115374932
rs12741764
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All − MR Egger
All − Inverse variance weighted
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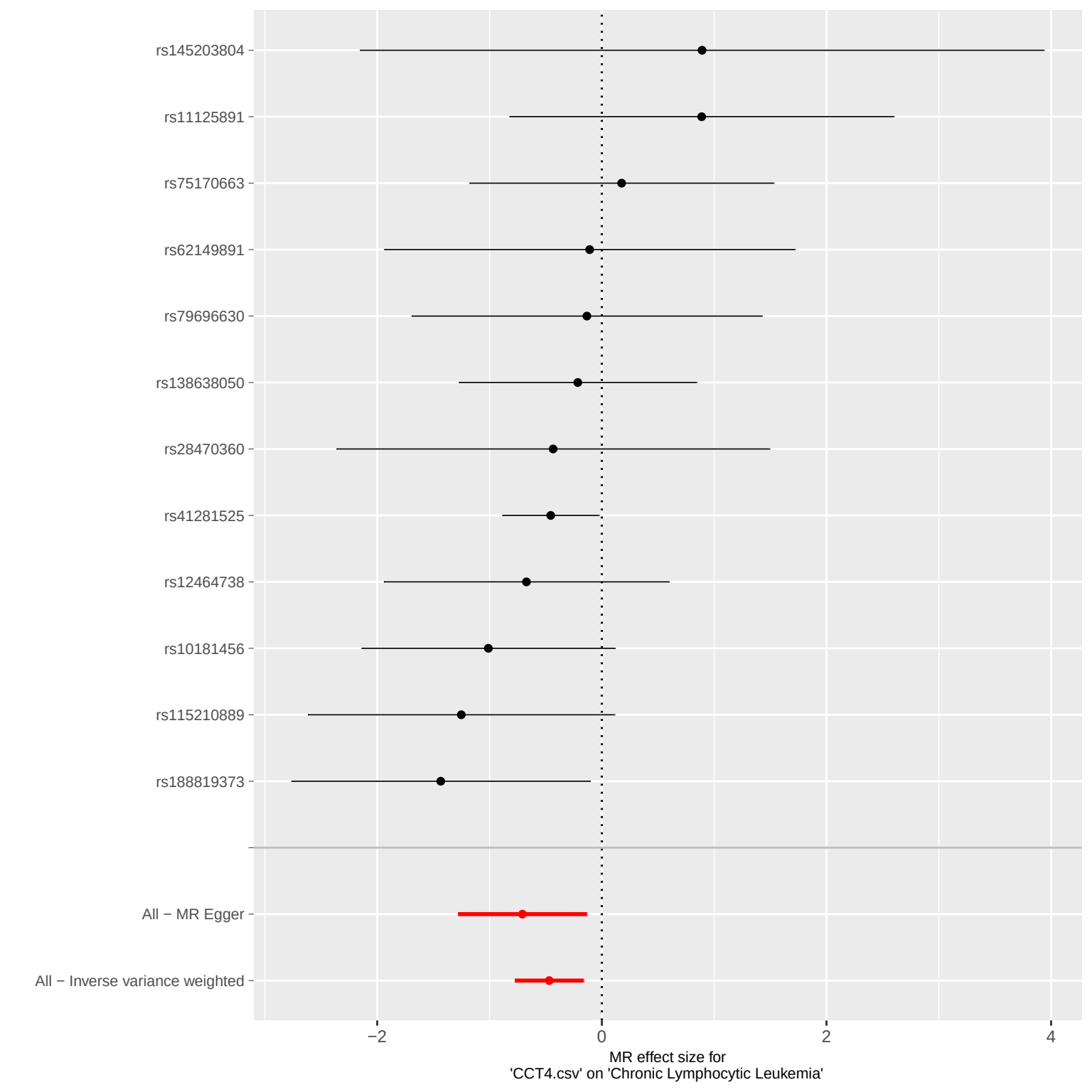
0.0
2.5
MR effect size for
'CCSAP.csv' on 'Chronic Lymphocytic Leukemia'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rs79696630
rs138638050
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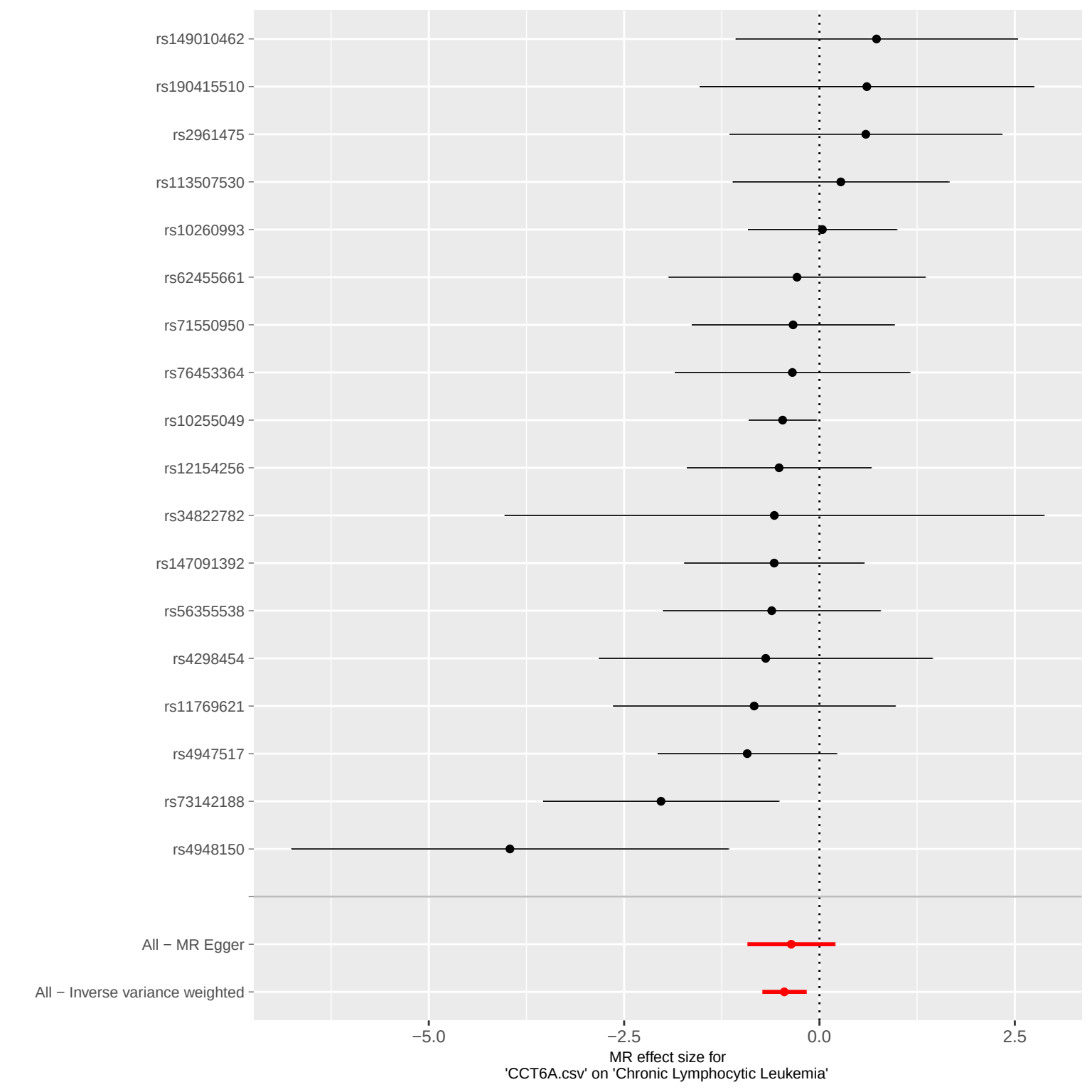
rs41281525
rs12464738
rs10181456
rs115210889
rs188819373
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CCT4.csv' on 'Chronic Lymphocytic Leukemia'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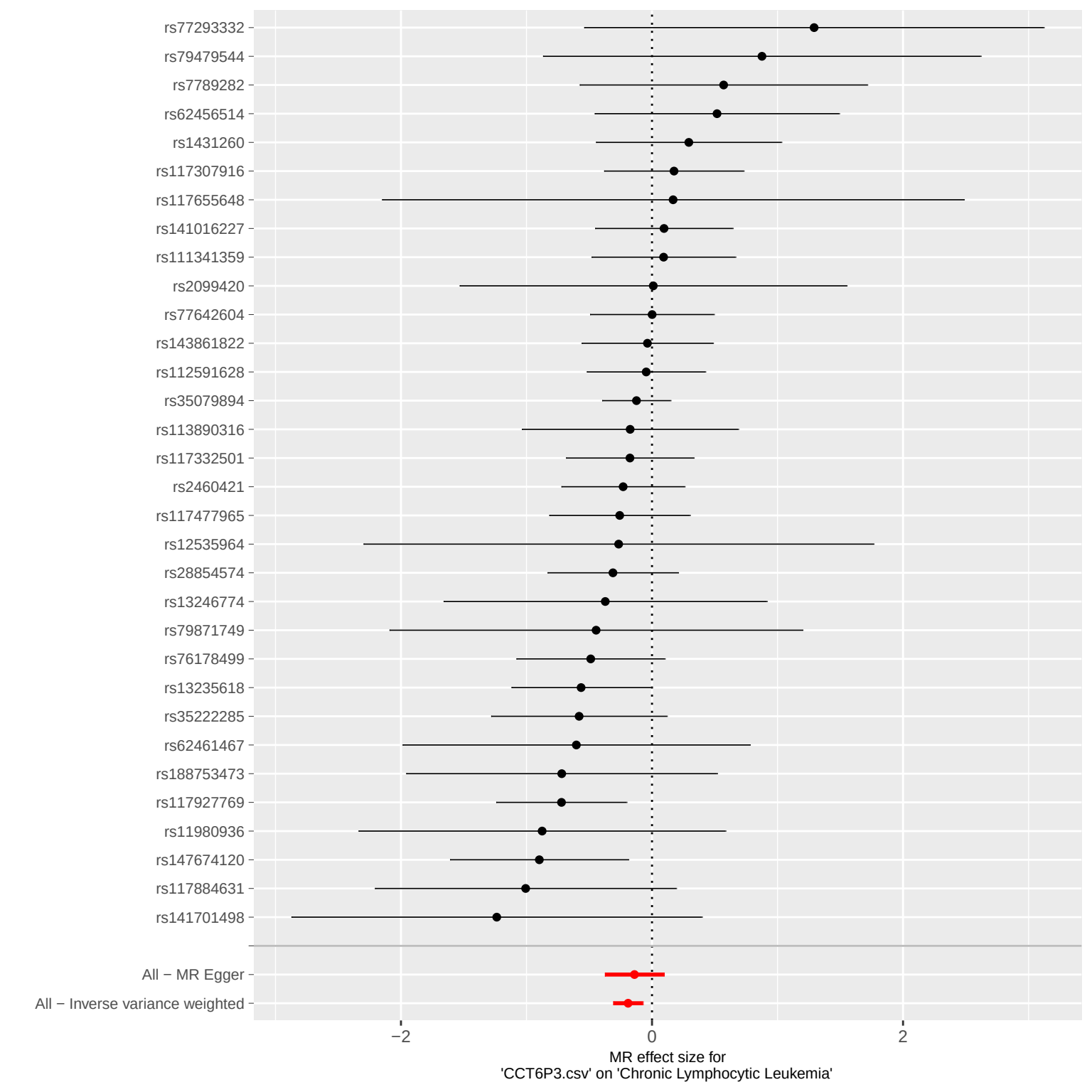
rs12154256
rs34822782
rs147091392
rs56355538
rs4298454
rs11769621
rs4947517
rs73142188
rs4948150
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CCT6A.csv' on 'Chronic Lymphocytic Leukemia'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rs62461467
rs188753473
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All − MR Egger
All − Inverse variance weighted
−2
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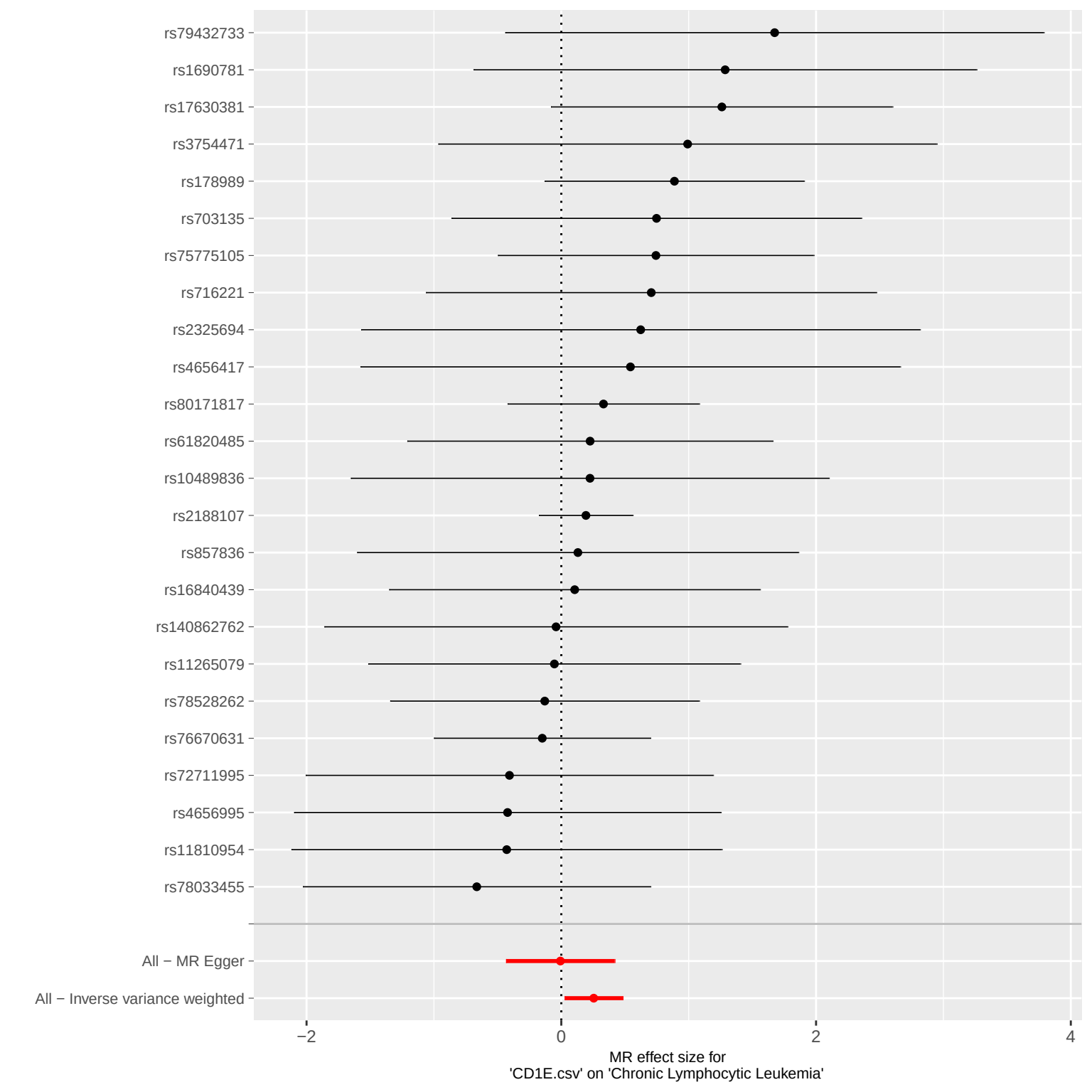
2
MR effect size for
'CCT6P3.csv' on 'Chronic Lymphocytic Leukemia'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rs2188107
rs857836
rs16840439
rs140862762
rs11265079
rs78528262
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All − MR Egger
All − Inverse variance weighted
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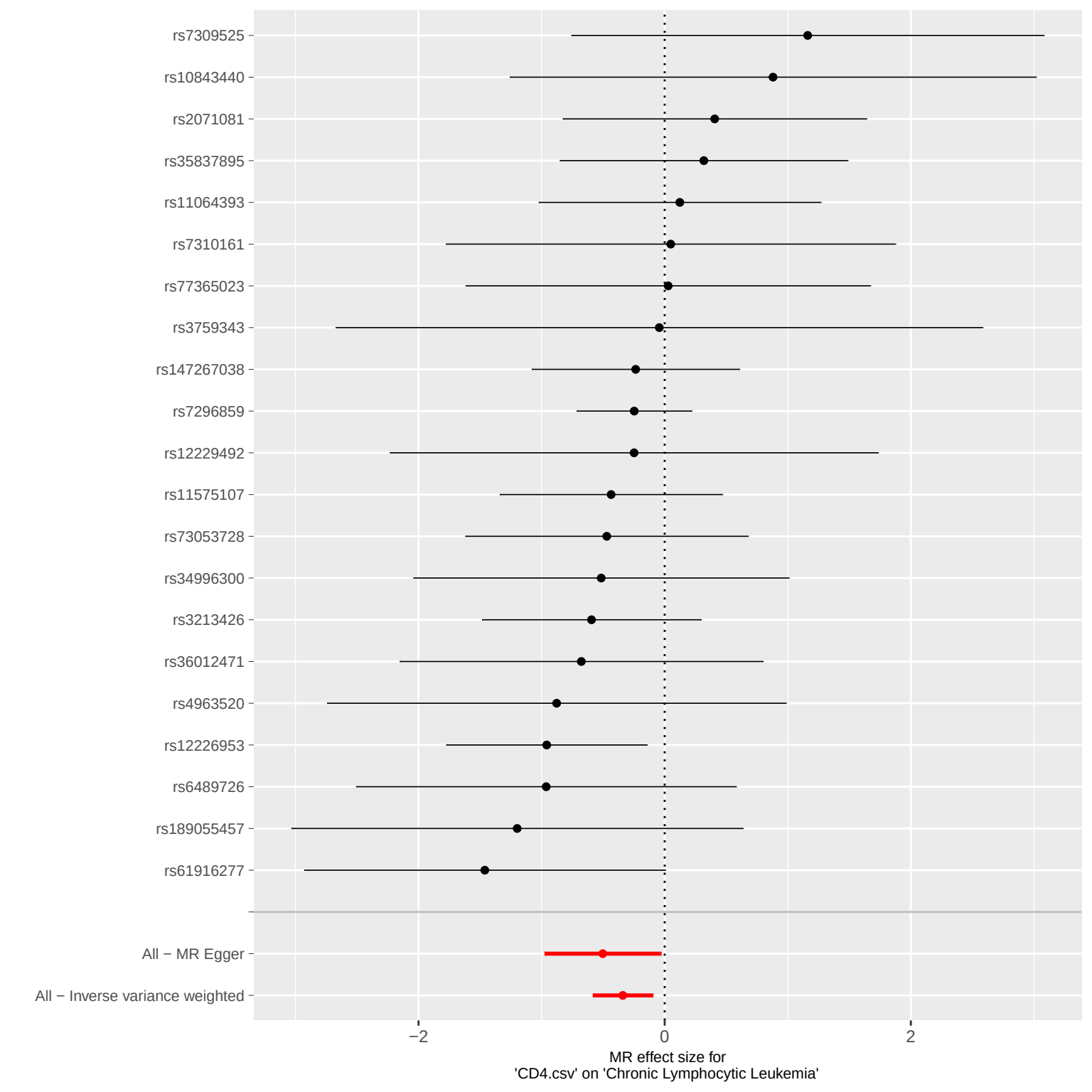
2
4
MR effect size for
'CD1E.csv' on 'Chronic Lymphocytic Leukemia'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rs11575107
rs73053728
rs34996300
rs3213426
rs36012471
rs4963520
rs12226953
rs6489726
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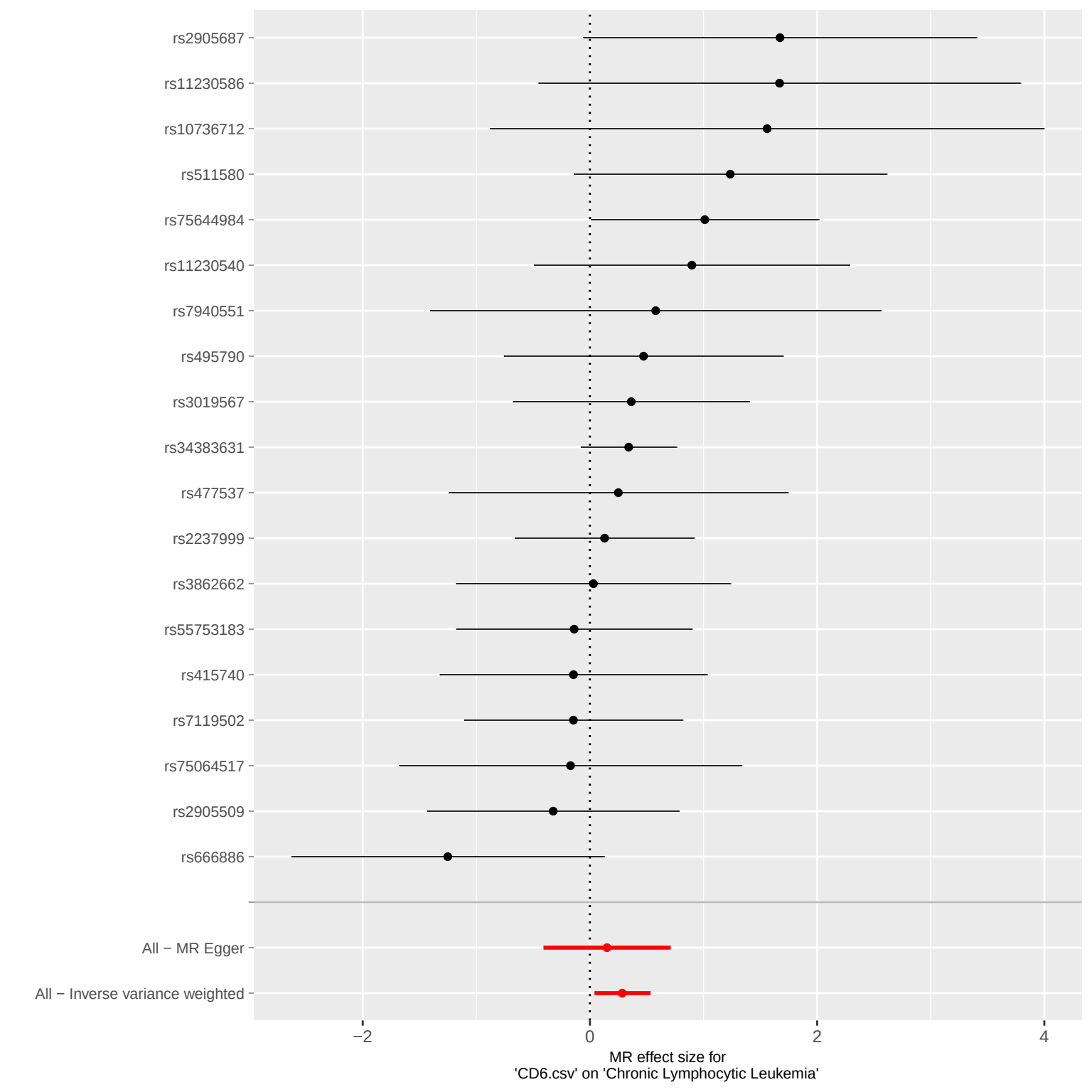
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CD4.csv' on 'Chronic Lymphocytic Leukemia'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rs2237999
rs3862662
rs55753183
rs415740
rs7119502
rs75064517
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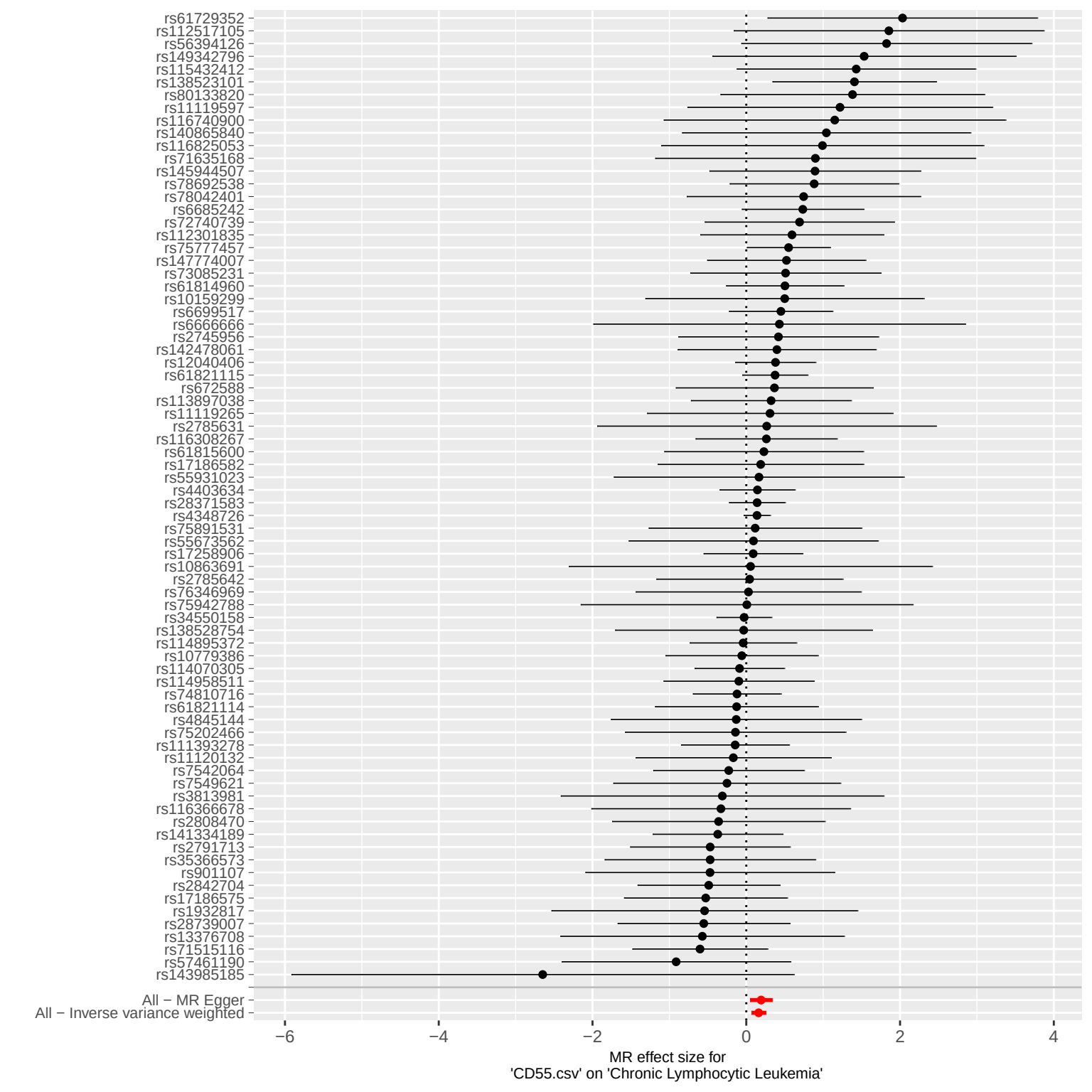
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CD6.csv' on 'Chronic Lymphocytic Leukemia'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rs35366573
rs901107
rs2842704
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rs1932817
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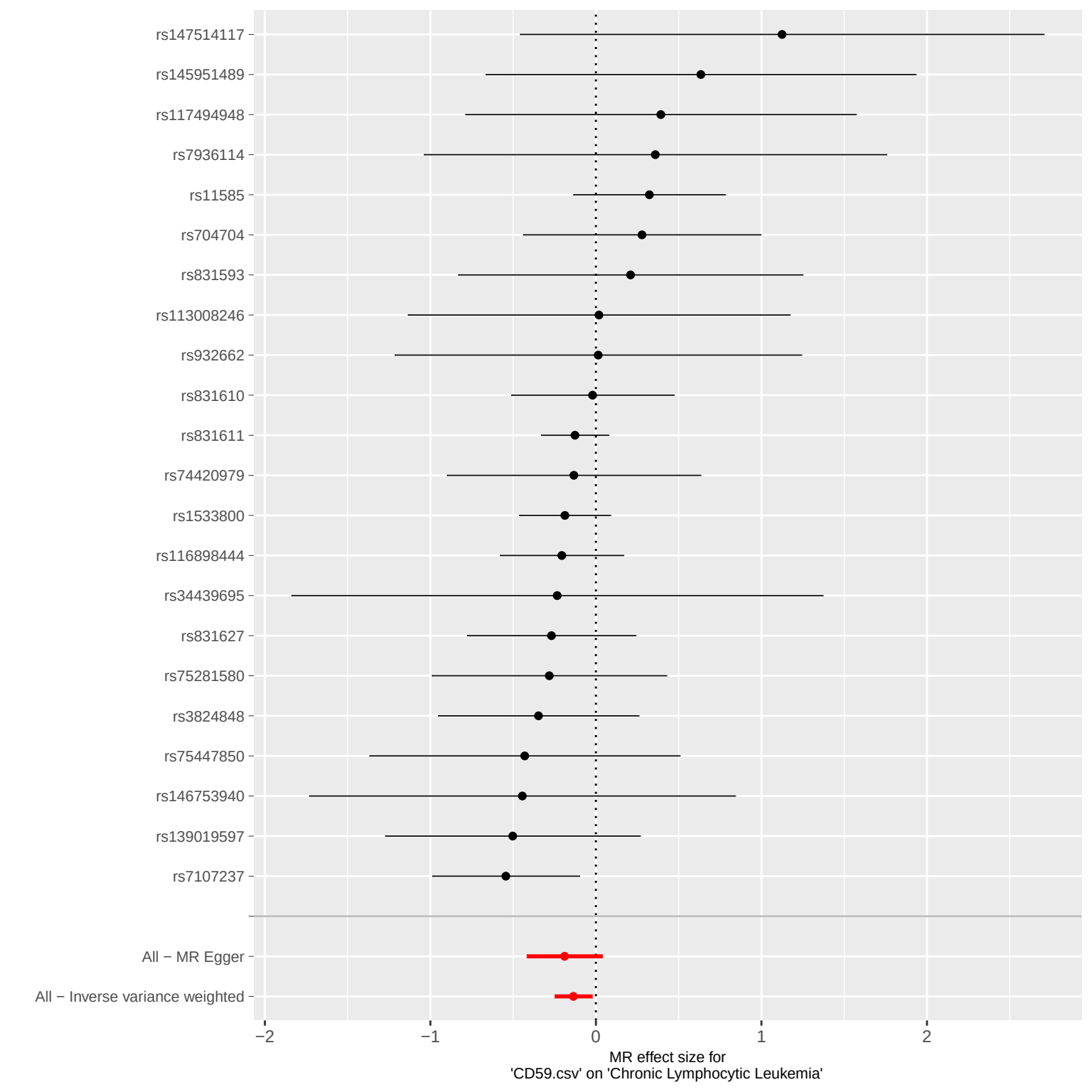
rs13376708
rs71515116
rs57461190
rs143985185
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'CD55.csv' on 'Chronic Lymphocytic Leukemia'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rs831627
rs75281580
rs3824848
rs75447850
rs146753940
rs139019597
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All − MR Egger
All − Inverse variance weighted
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−1
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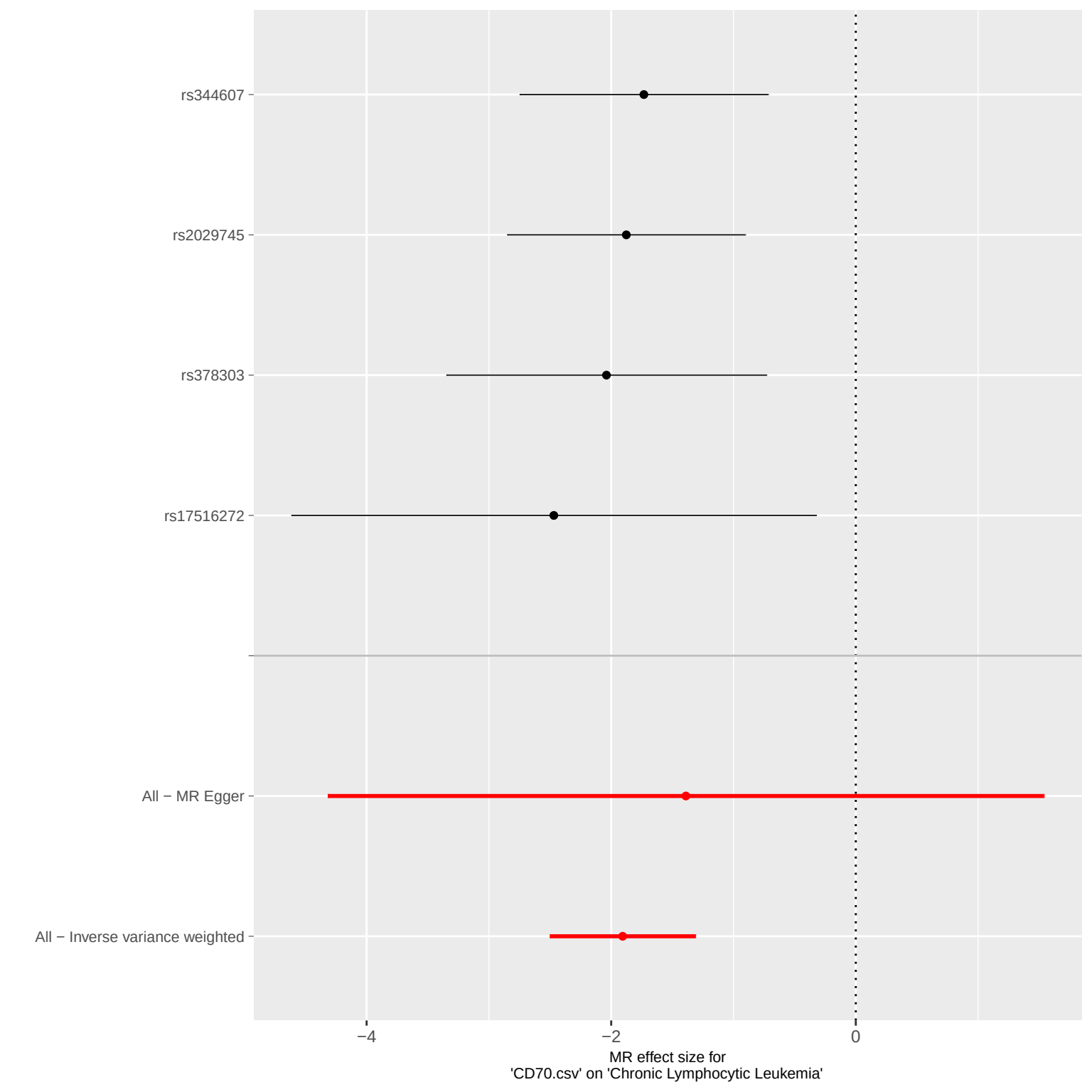
1
2
MR effect size for
'CD59.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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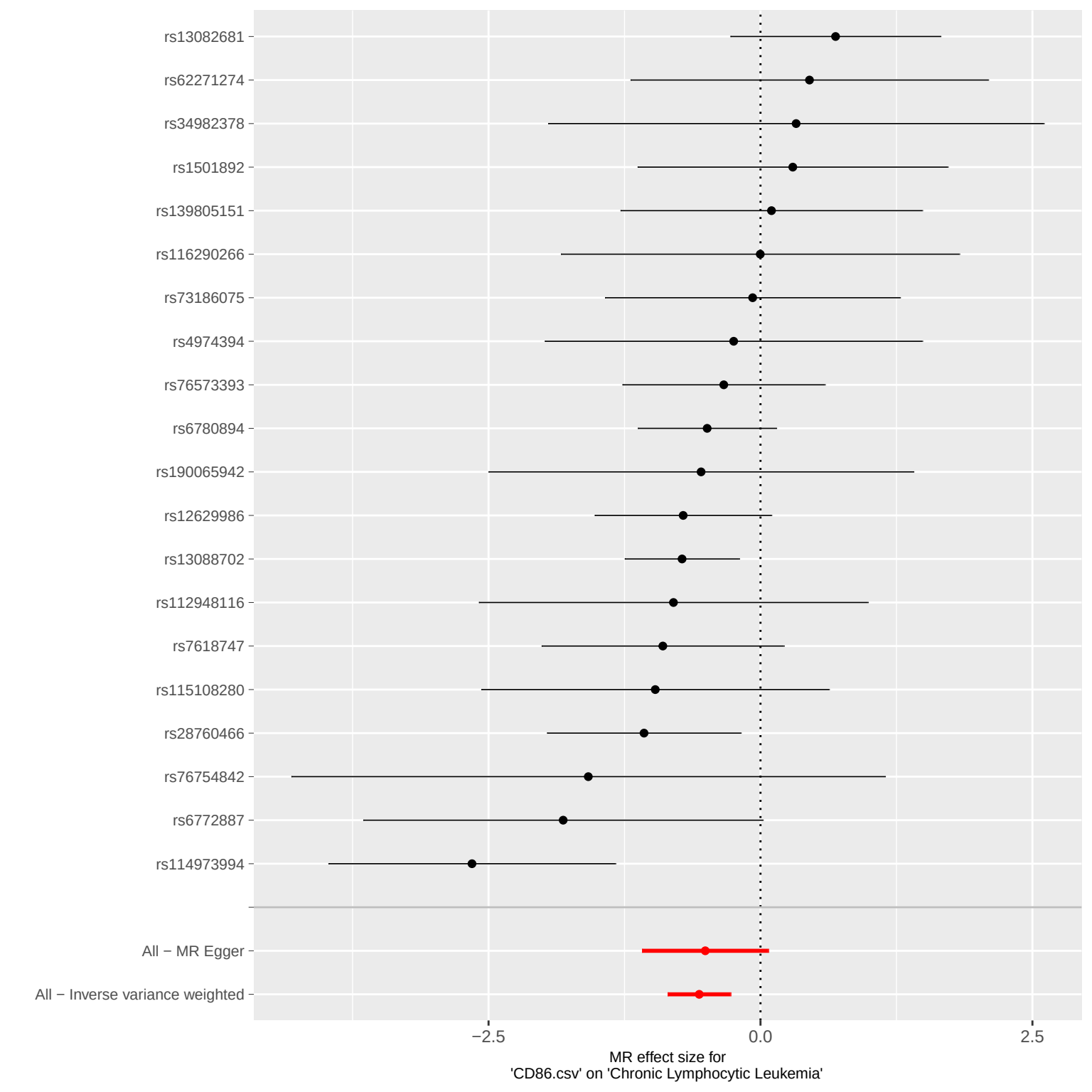
MR effect size for
'CD70.csv' on 'Chronic Lymphocytic Leukemia'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rs28760466
rs76754842
rs6772887
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All − MR Egger
All − Inverse variance weighted
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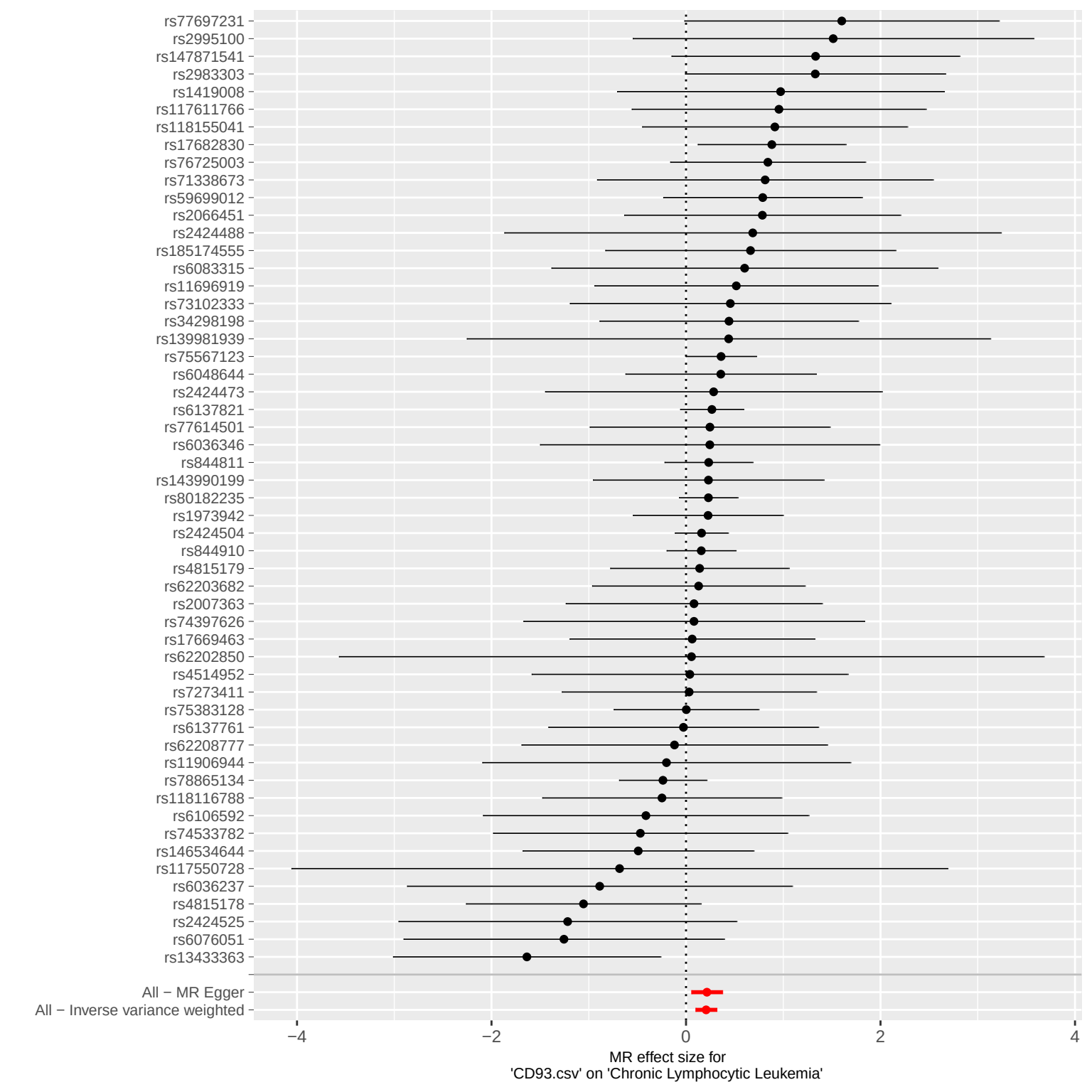
0.0
2.5
MR effect size for
'CD86.csv' on 'Chronic Lymphocytic Leukemia'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rs6106592
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rs6076051
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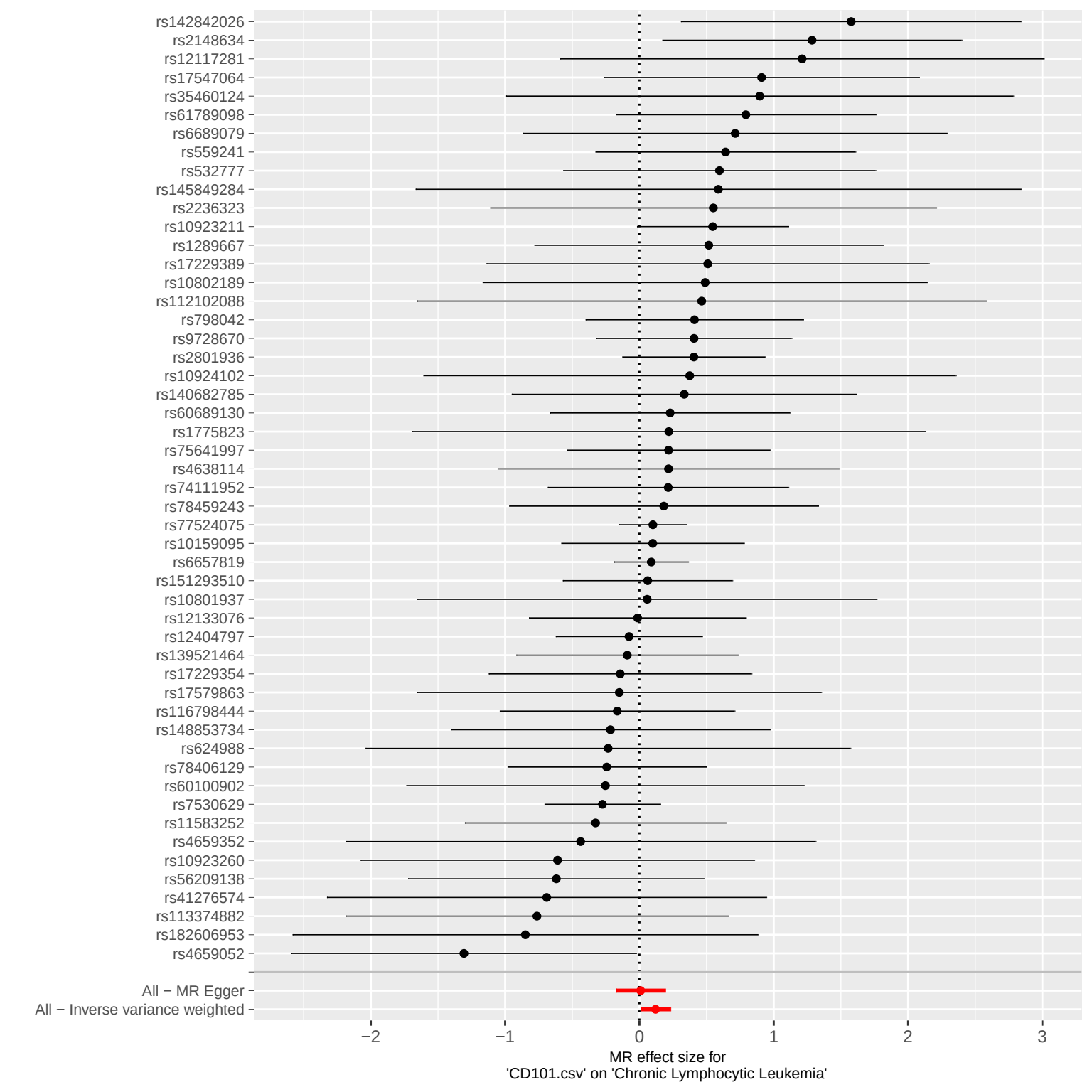
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CD93.csv' on 'Chronic Lymphocytic Leukemia'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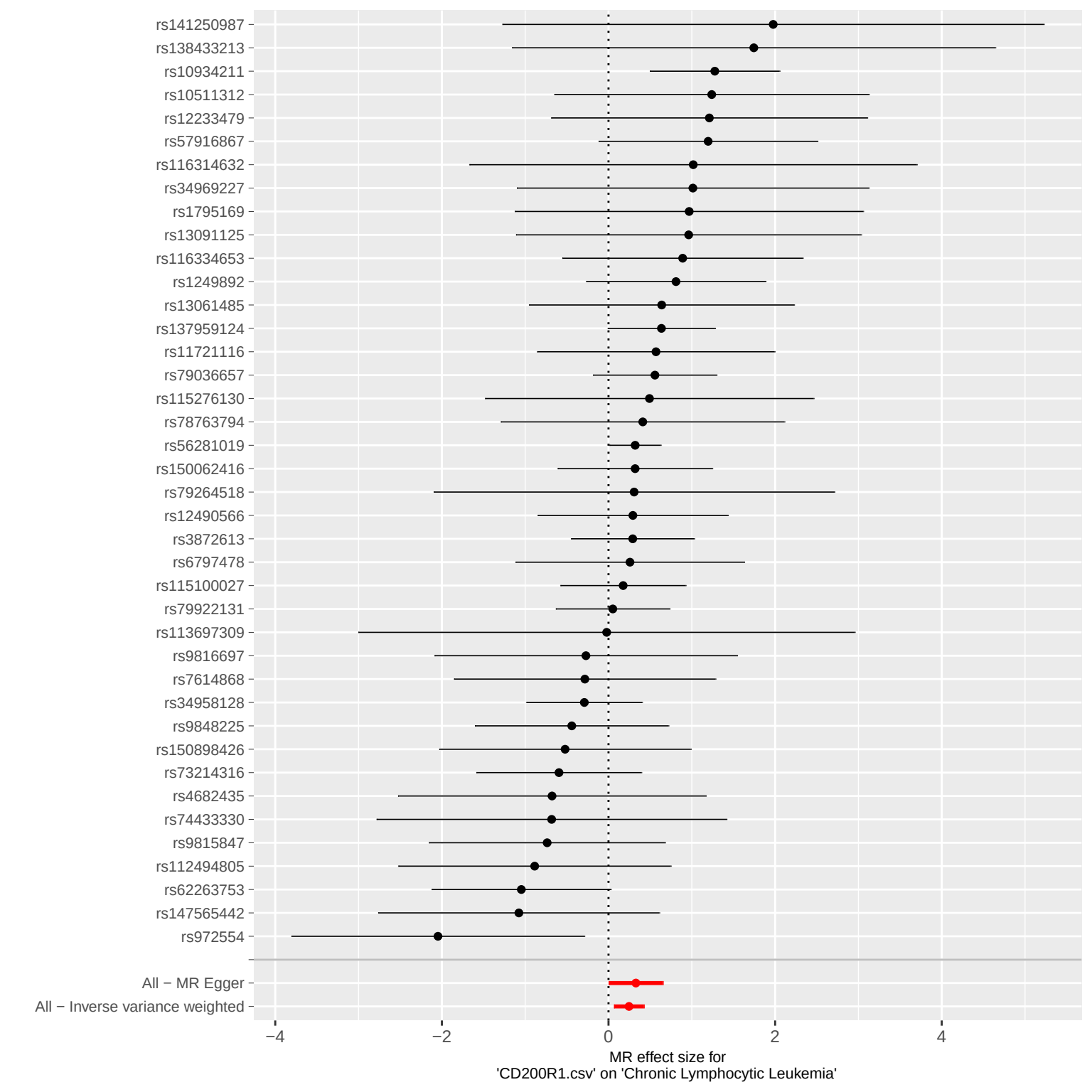
rs60100902
rs7530629
rs11583252
rs4659352
rs10923260
rs56209138
rs41276574
rs113374882
rs182606953
rs4659052
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'CD101.csv' on 'Chronic Lymphocytic Leukemia'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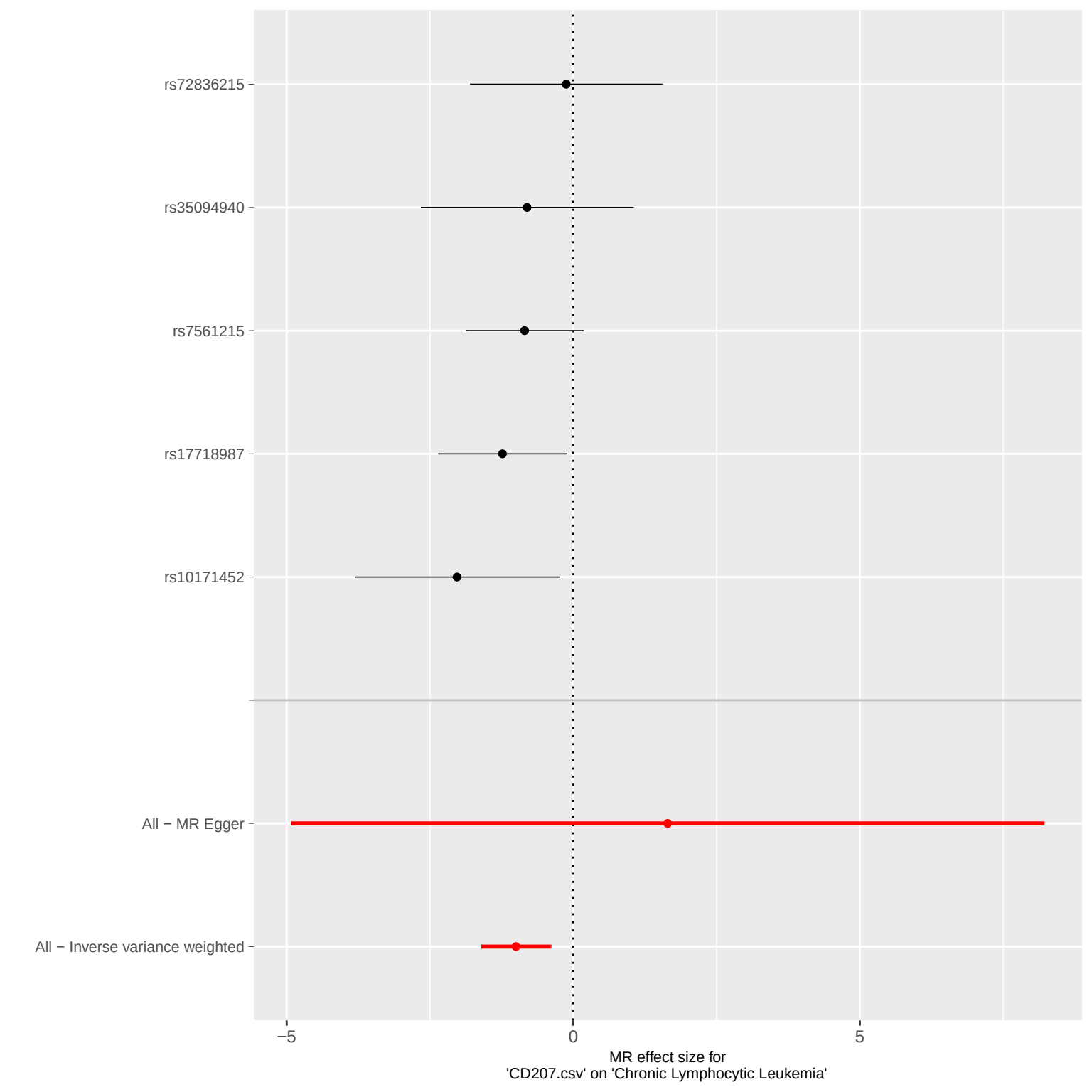
rs9848225
rs150898426
rs73214316
rs4682435
rs74433330
rs9815847
rs112494805
rs62263753
rs147565442
rs972554
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CD200R1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−5
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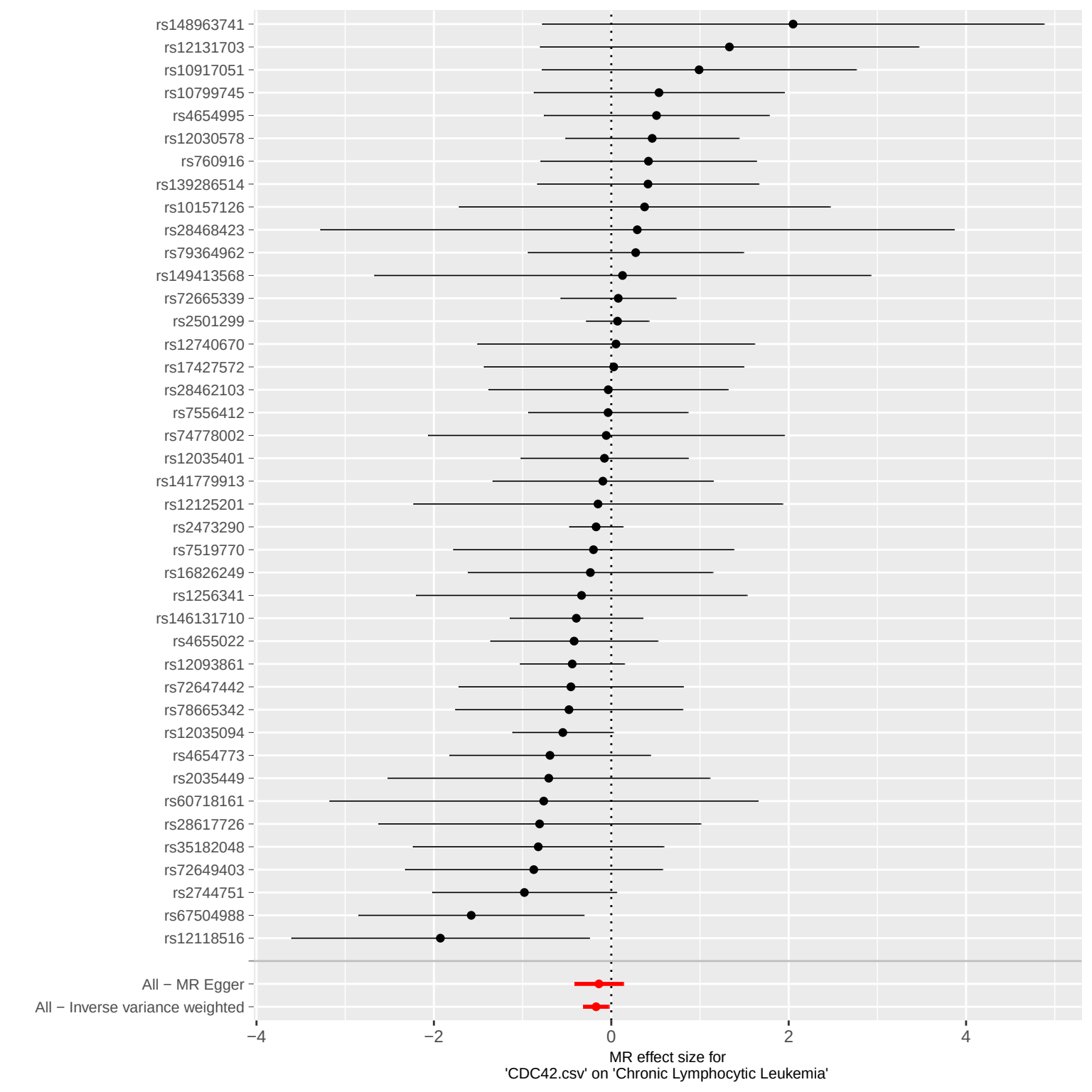
5
MR effect size for
'CD207.csv' on 'Chronic Lymphocytic Leukemia'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rs4655022
rs12093861
rs72647442
rs78665342
rs12035094
rs4654773
rs2035449
rs60718161
rs28617726
rs35182048
rs72649403
rs2744751
rs67504988
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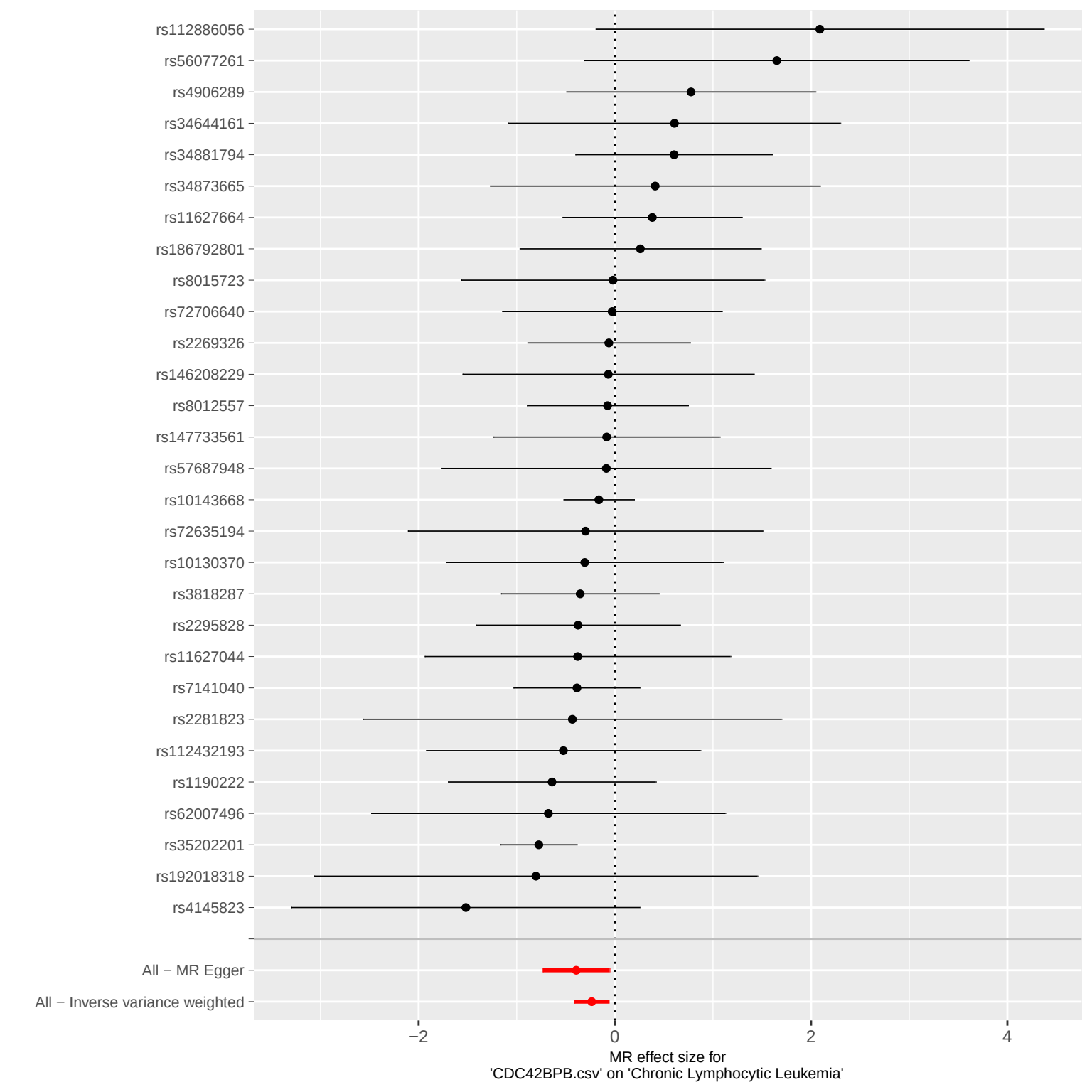
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CDC42.csv' on 'Chronic Lymphocytic Leukemia'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rs2269326
rs146208229
rs8012557
rs147733561
rs57687948
rs10143668
rs72635194
rs10130370
rs3818287
rs2295828
rs11627044
rs7141040
rs2281823
rs112432193
rs1190222
rs62007496
rs35202201
rs192018318
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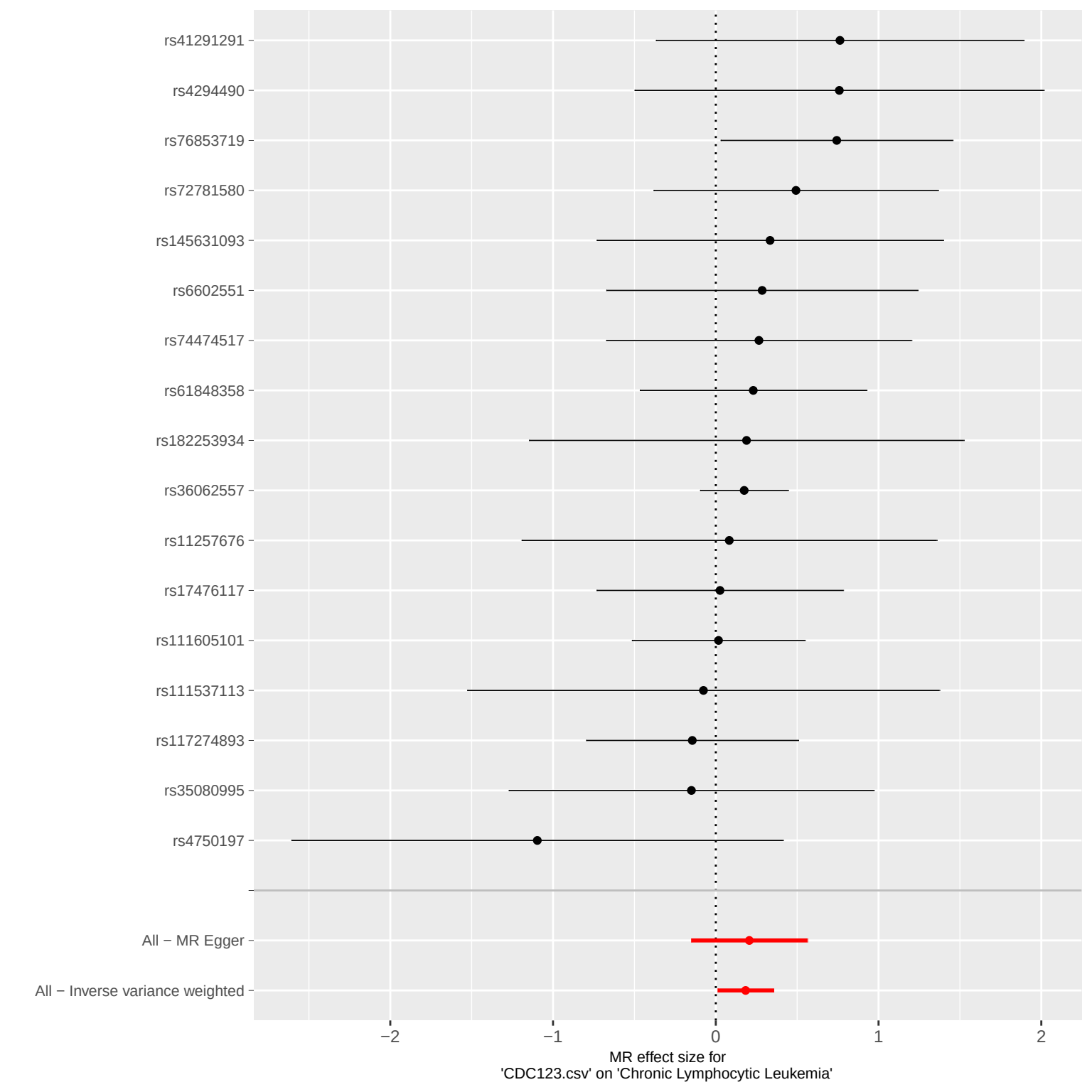
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CDC42BPB.csv' on 'Chronic Lymphocytic Leukemia'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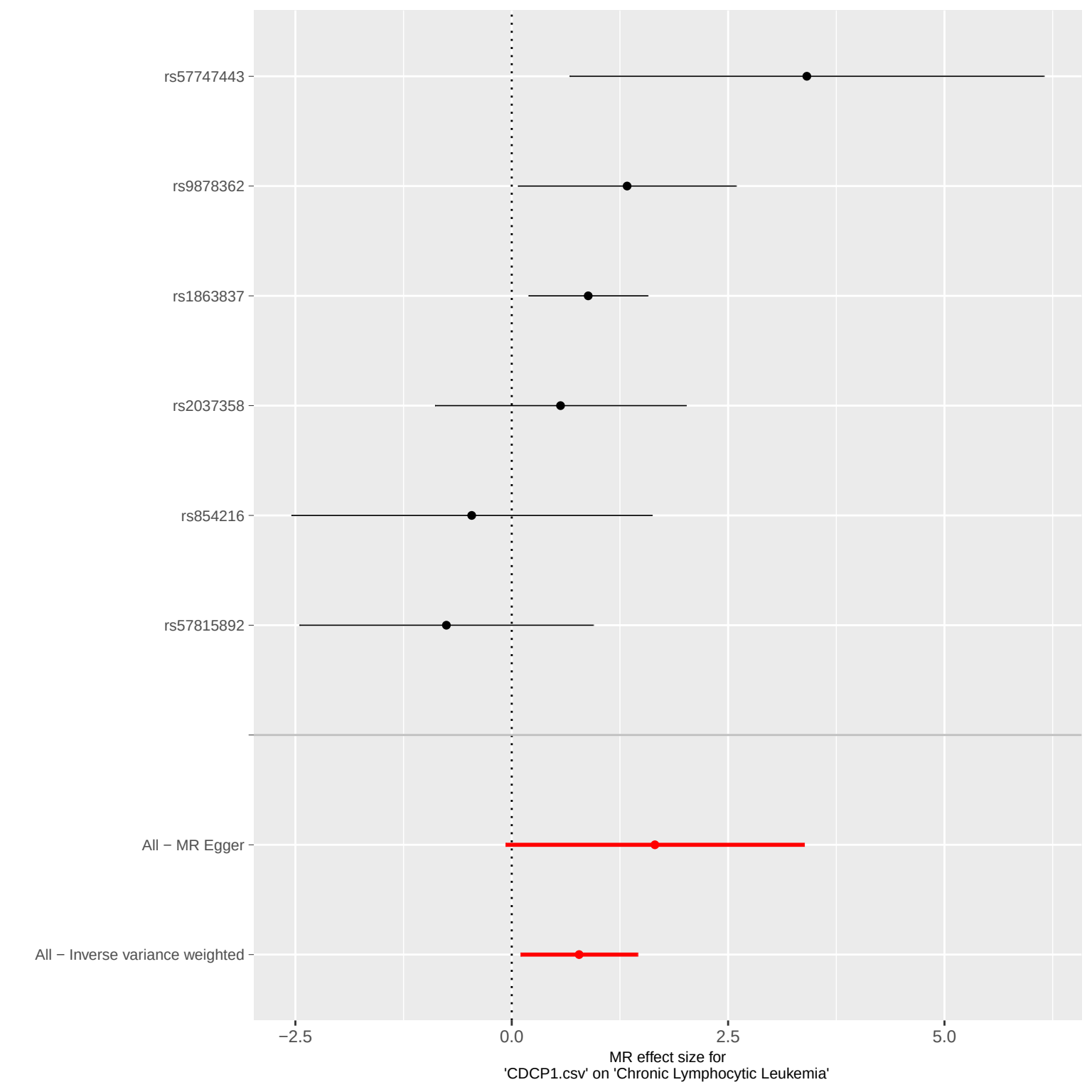
rs11257676
rs17476117
rs111605101
rs111537113
rs117274893
rs35080995
rs4750197
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'CDC123.csv' on 'Chronic Lymphocytic Leukemia'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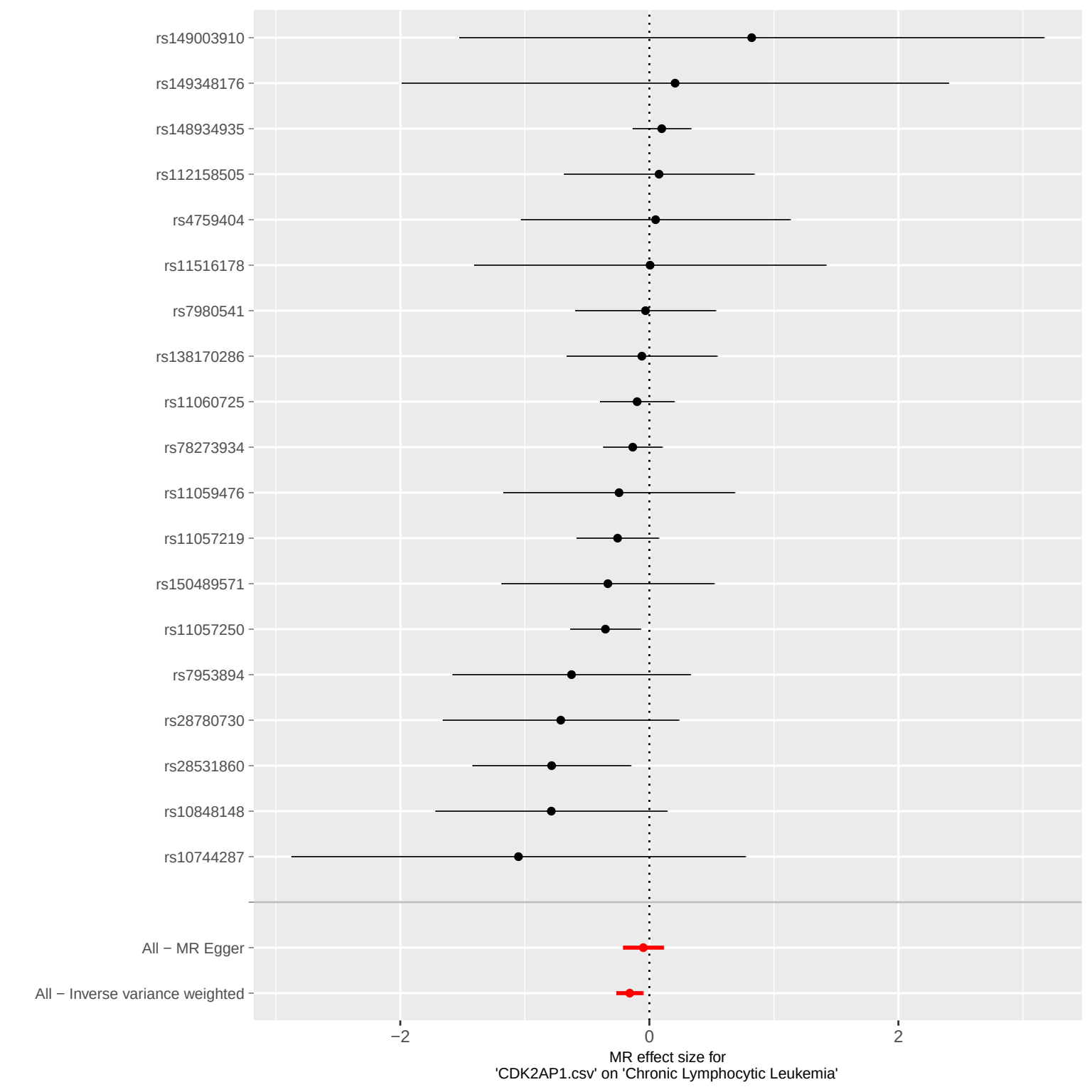
rs1863837
rs2037358
rs854216
rs57815892
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CDCP1.csv' on 'Chronic Lymphocytic Leukemia'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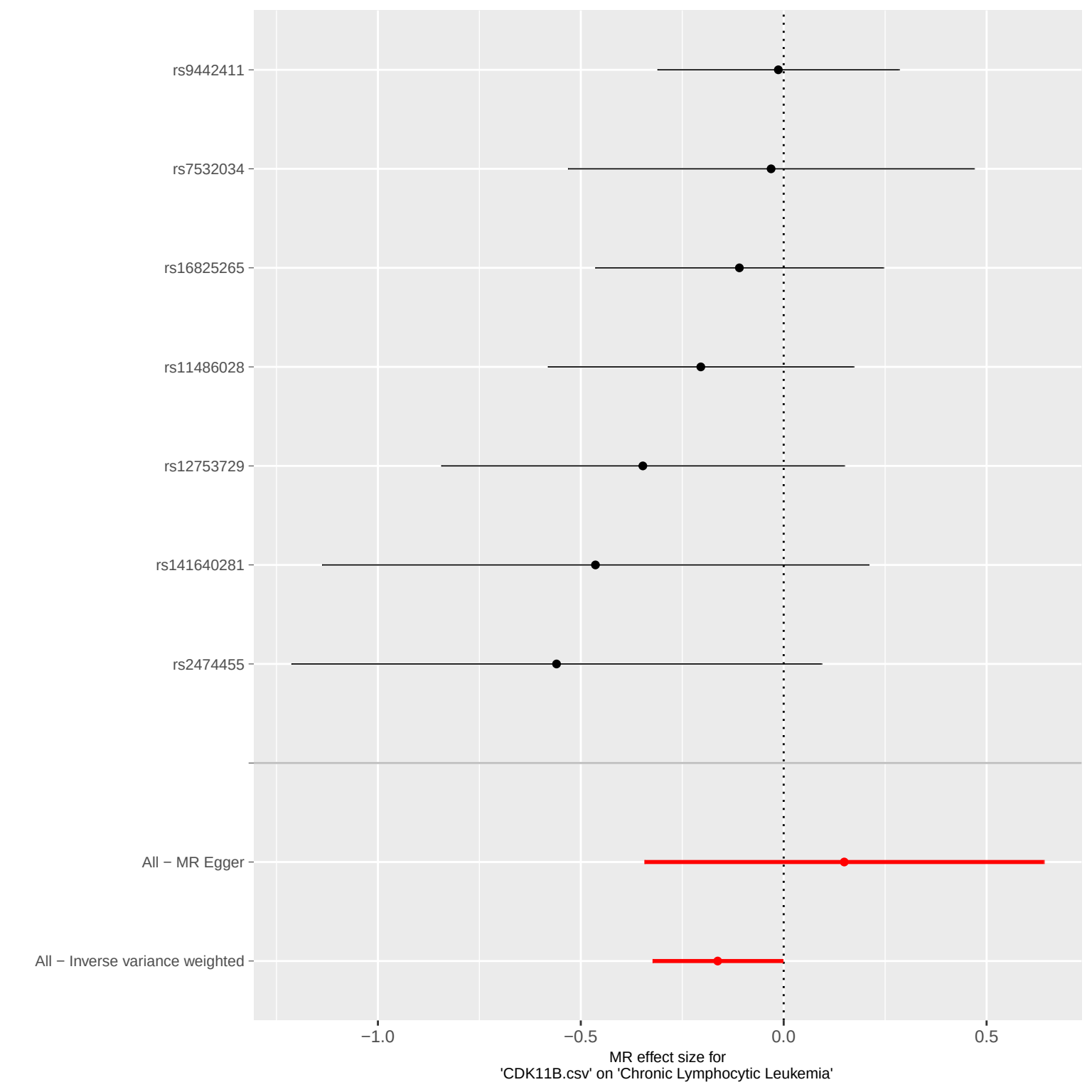
rs11057219
rs150489571
rs11057250
rs7953894
rs28780730
rs28531860
rs10848148
rs10744287
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CDK2AP1.csv' on 'Chronic Lymphocytic Leukemia'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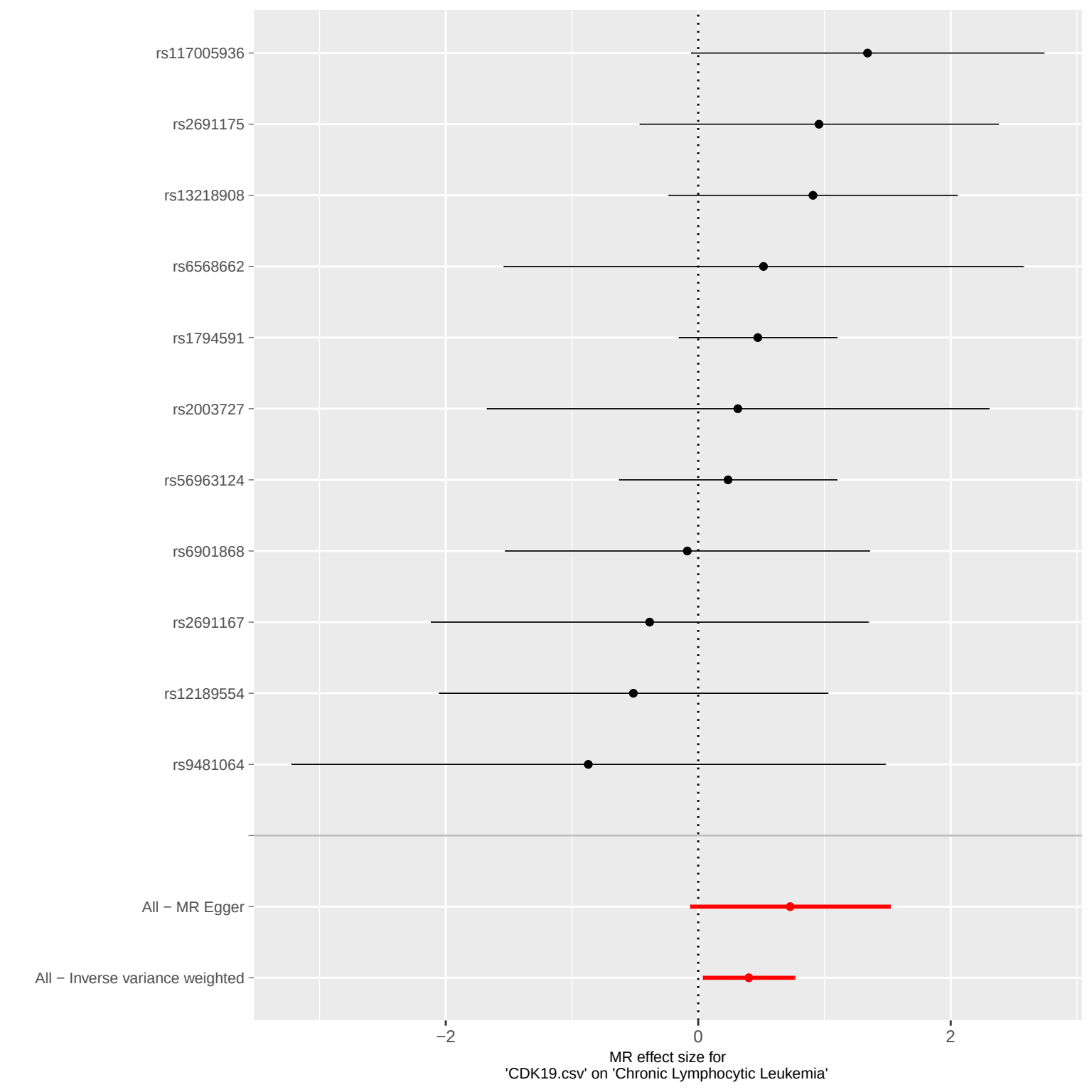
rs7532034
rs16825265
rs11486028
rs12753729
rs141640281
rs2474455
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
MR effect size for
'CDK11B.csv' on 'Chronic Lymphocytic Leukemia'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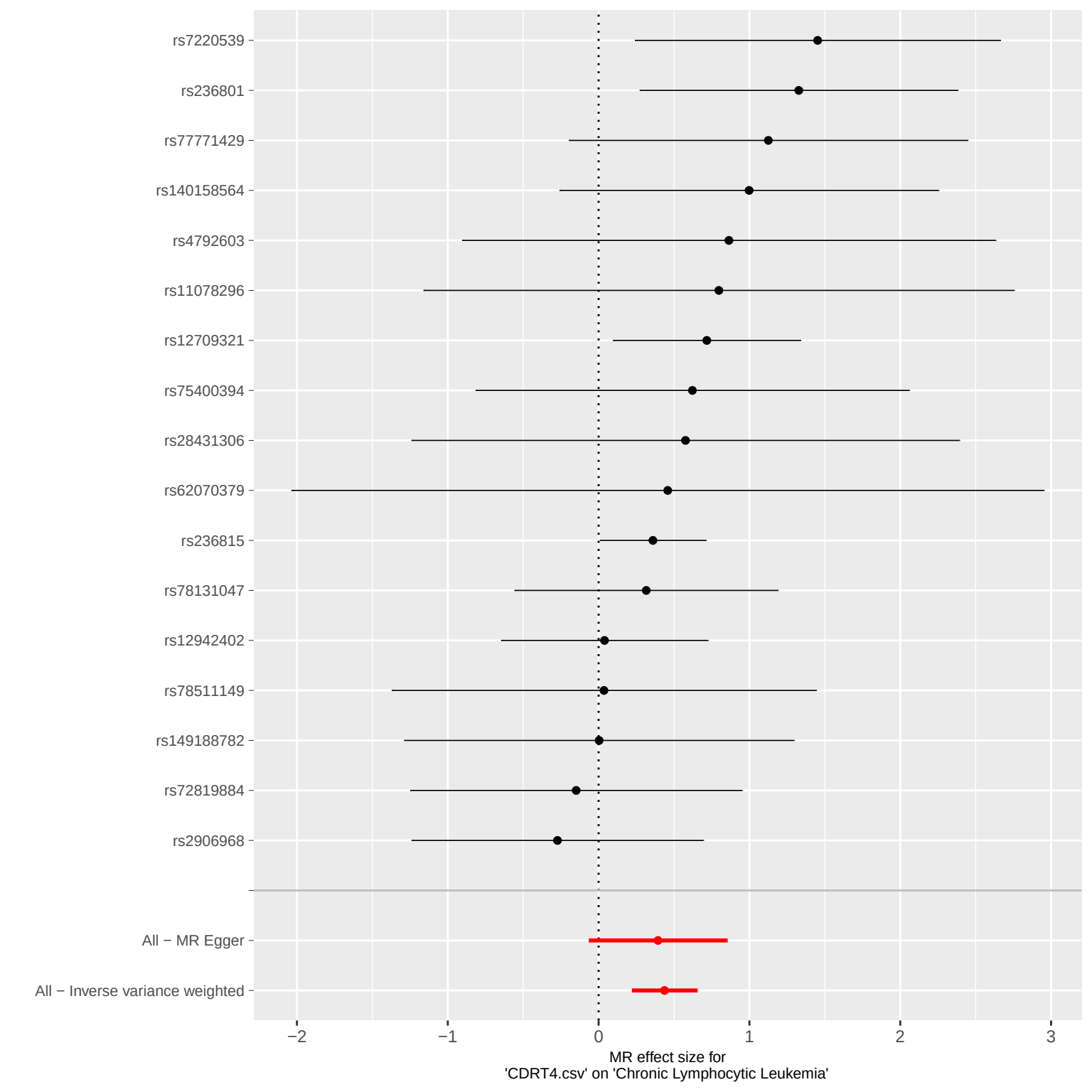
rs2003727
rs56963124
rs6901868
rs2691167
rs12189554
rs9481064
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CDK19.csv' on 'Chronic Lymphocytic Leukemia'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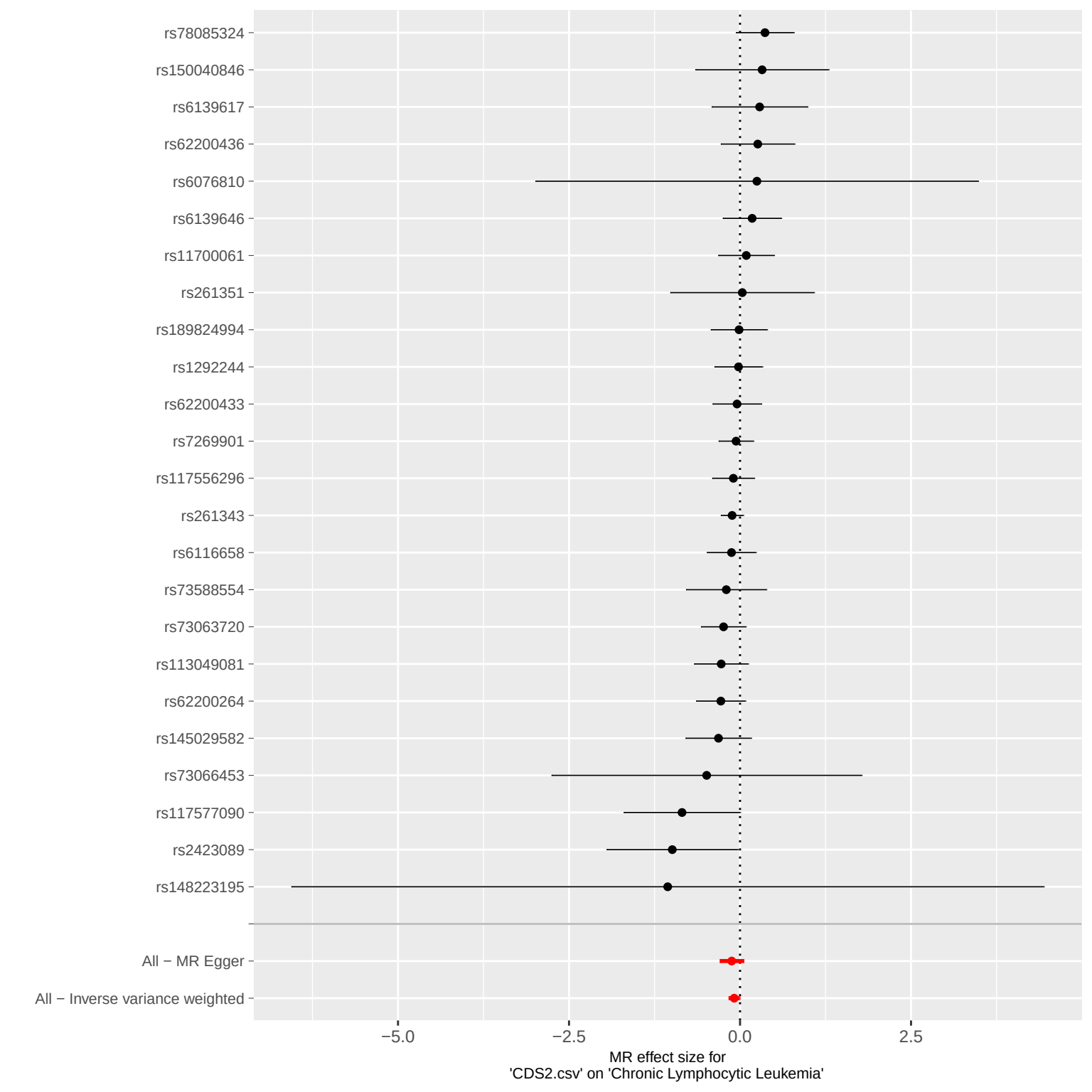
rs78131047
rs12942402
rs78511149
rs149188782
rs72819884
rs2906968
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'CDRT4.csv' on 'Chronic Lymphocytic Leukemia'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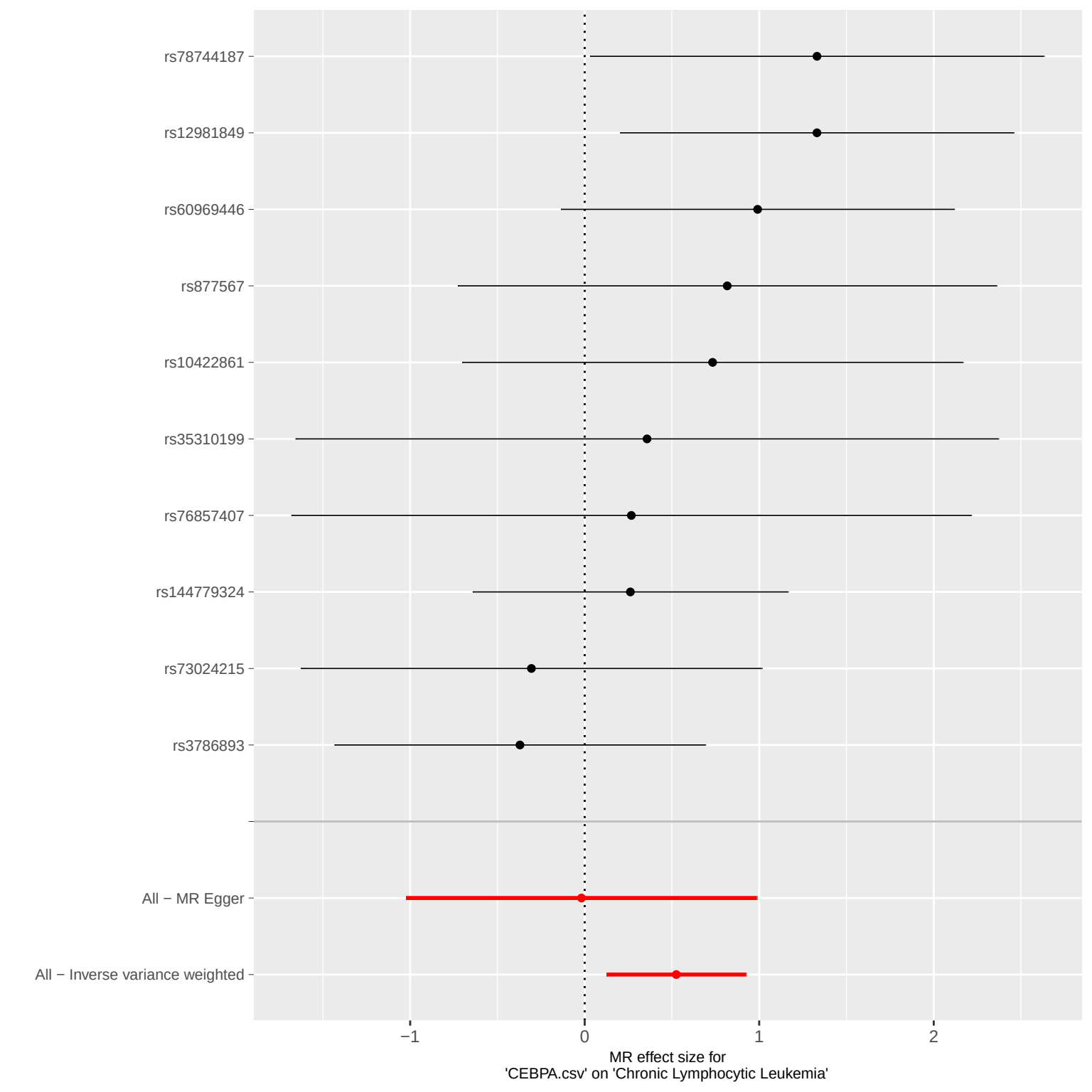
rs7269901
rs117556296
rs261343
rs6116658
rs73588554
rs73063720
rs113049081
rs62200264
rs145029582
rs73066453
rs117577090
rs2423089
rs148223195
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'CDS2.csv' on 'Chronic Lymphocytic Leukemia'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rs35310199
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rs73024215
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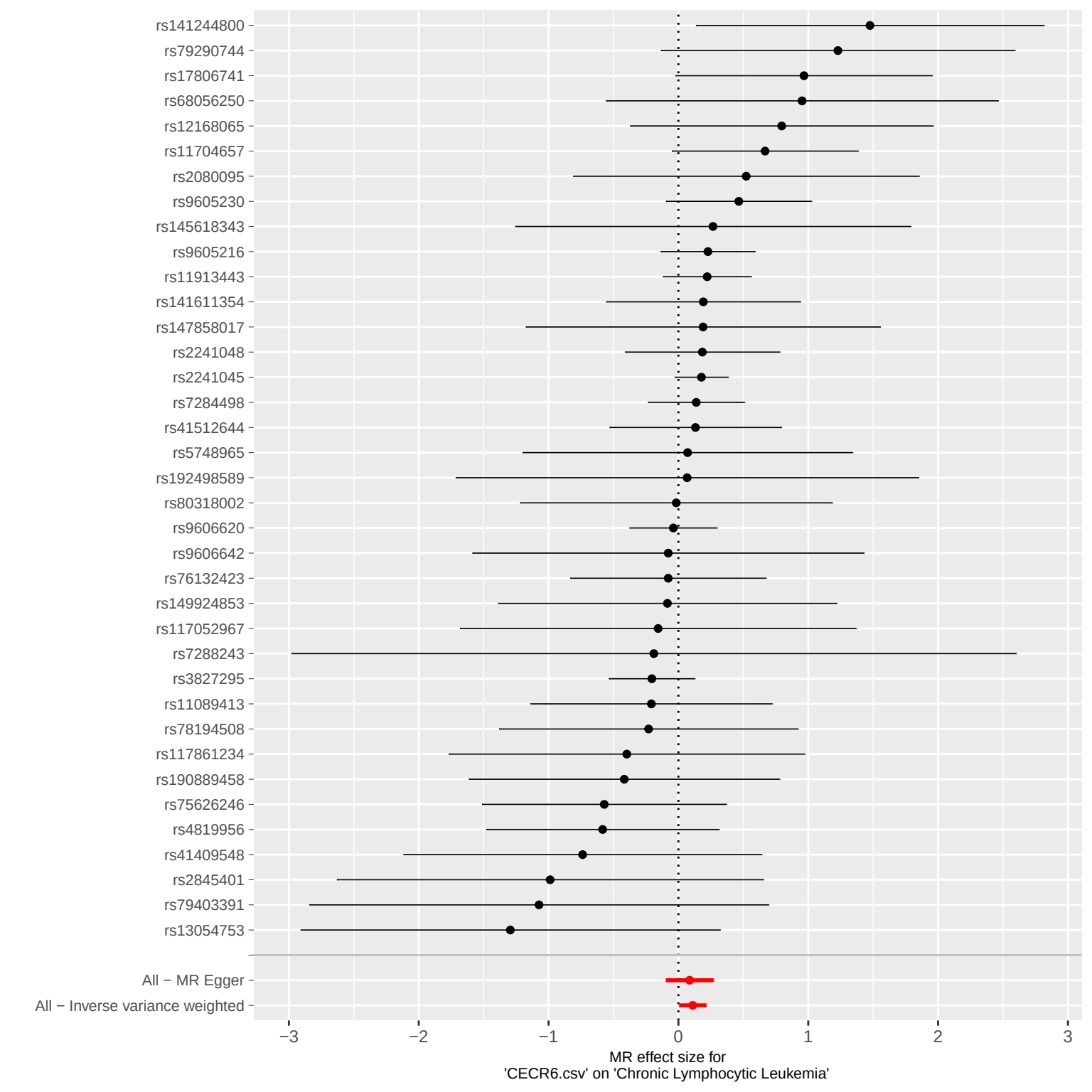
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'CEBPA.csv' on 'Chronic Lymphocytic Leukemia'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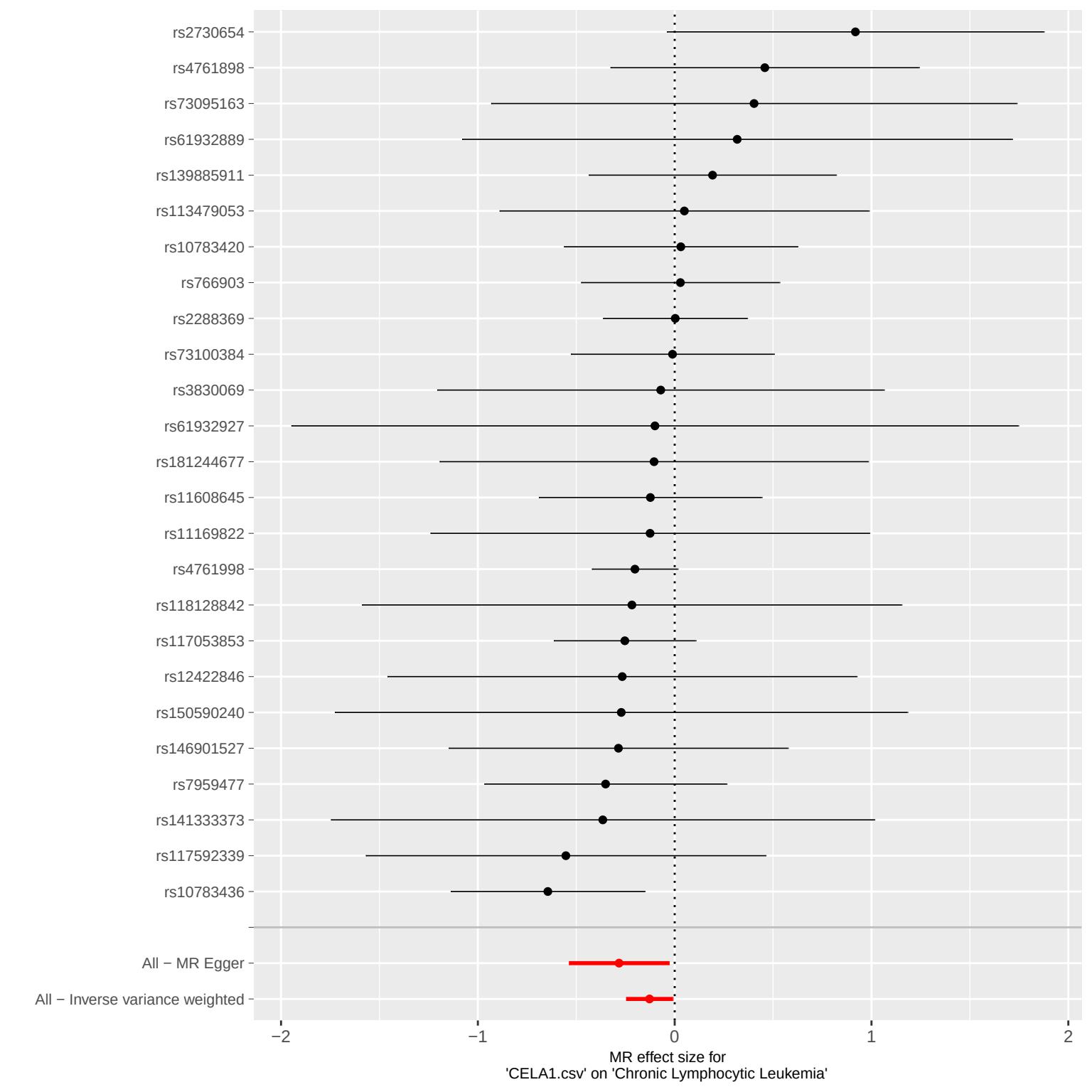
rs78194508
rs117861234
rs190889458
rs75626246
rs4819956
rs41409548
rs2845401
rs79403391
rs13054753
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'CECR6.csv' on 'Chronic Lymphocytic Leukemia'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rs118128842
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rs12422846
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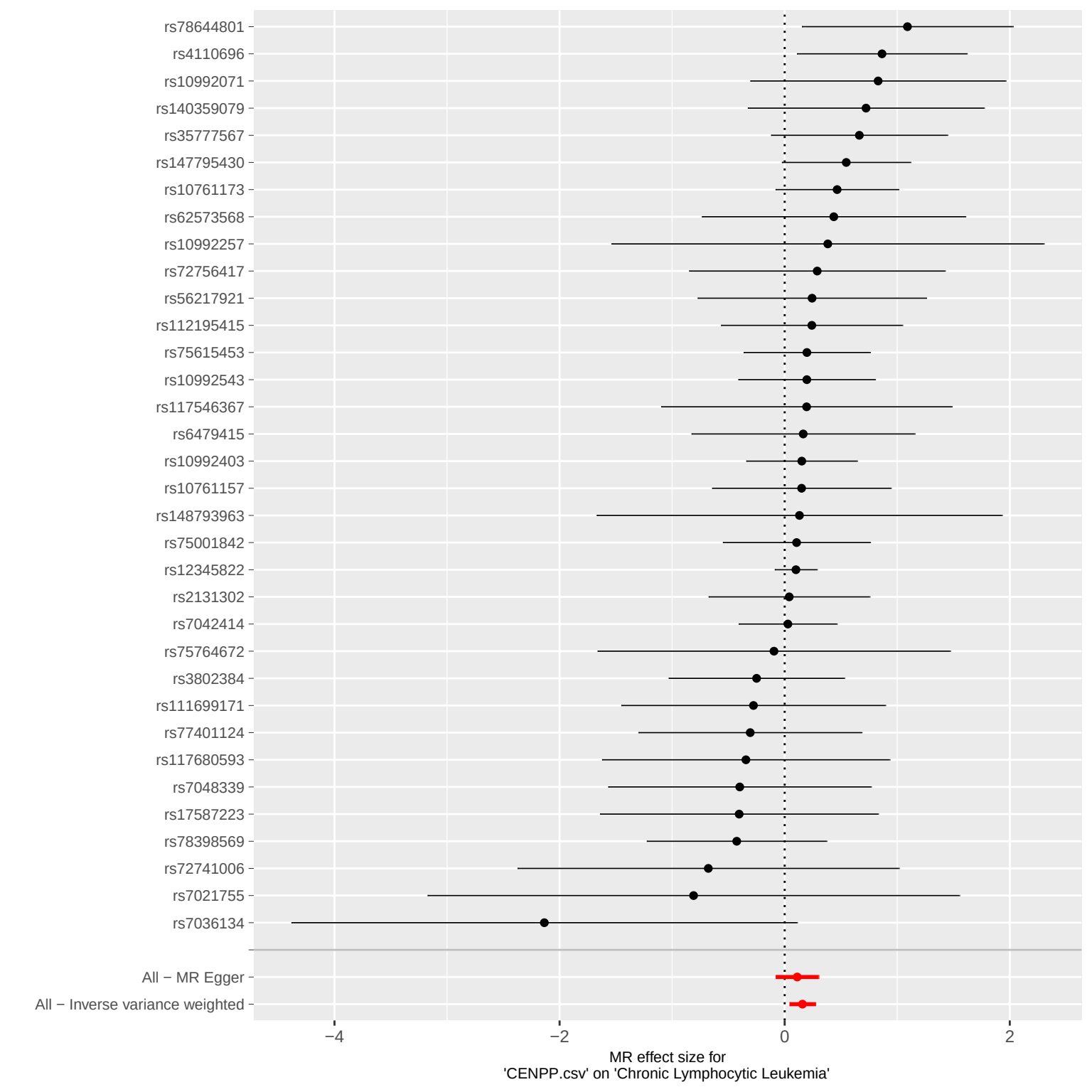
rs146901527
rs7959477
rs141333373
rs117592339
rs10783436
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'CELA1.csv' on 'Chronic Lymphocytic Leukemia'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rs2131302
rs7042414
rs75764672
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rs7048339
rs17587223
rs78398569
rs72741006
rs7021755
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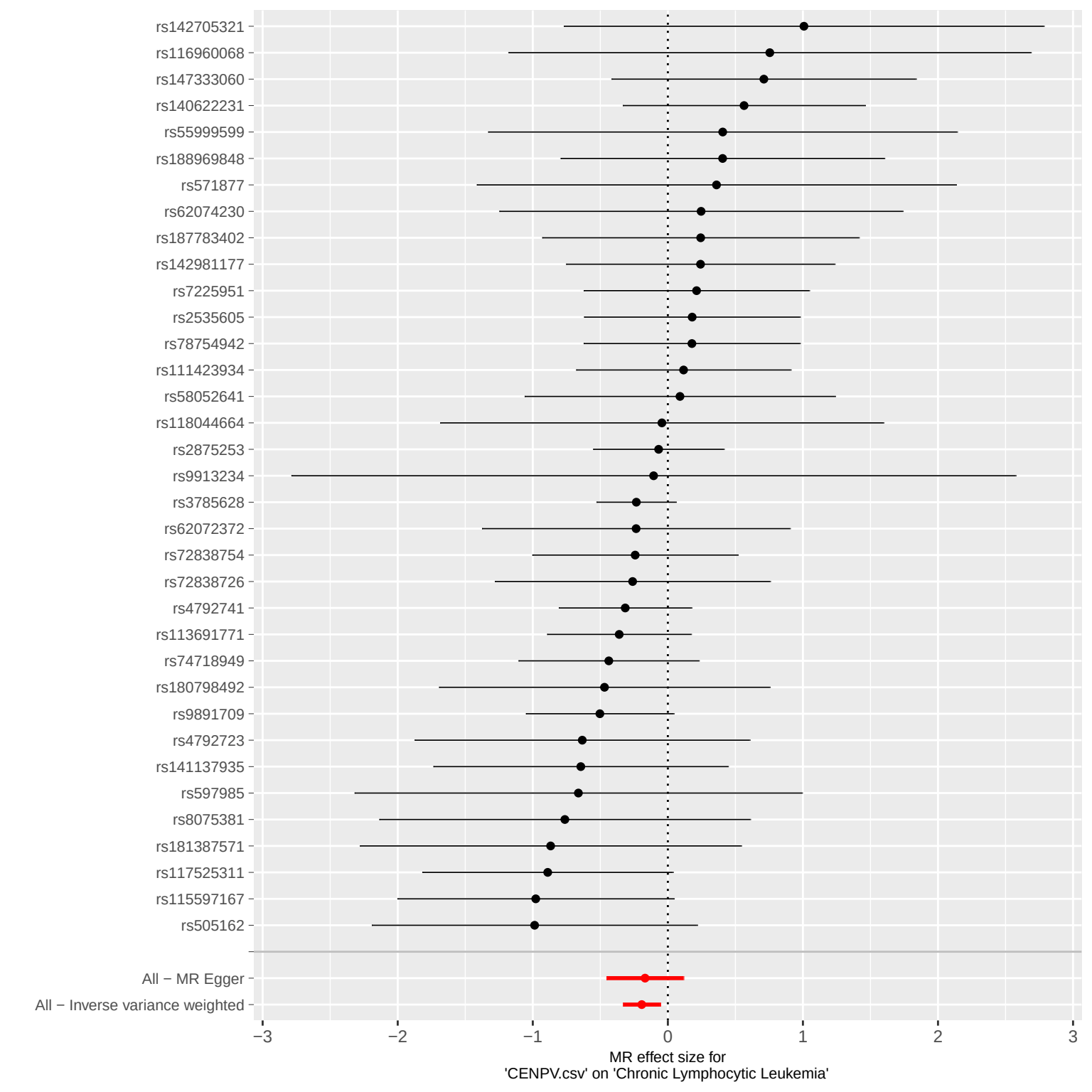
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CENPP.csv' on 'Chronic Lymphocytic Leukemia'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rs2875253
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rs597985
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rs505162
All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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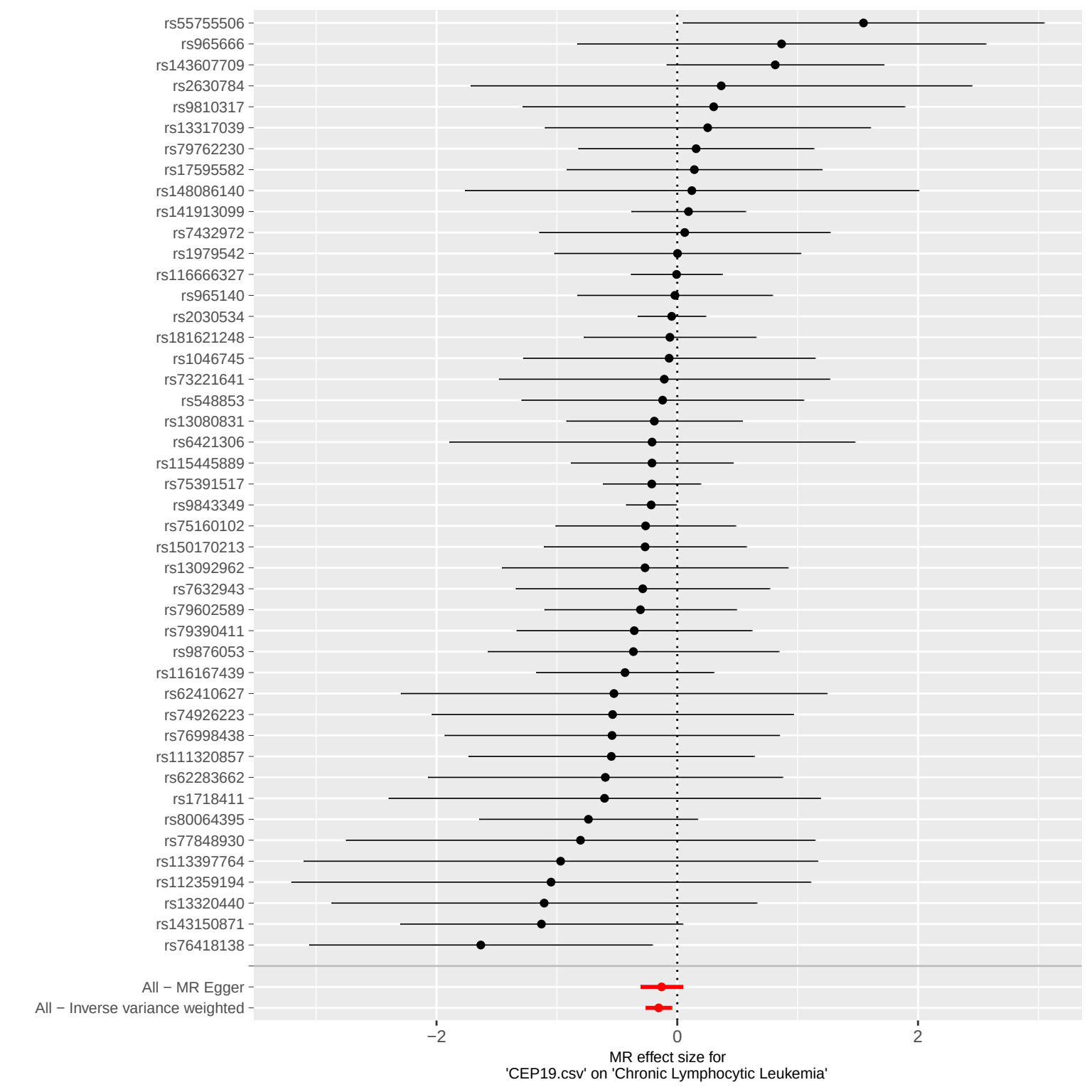
2
3
MR effect size for
'CENPV.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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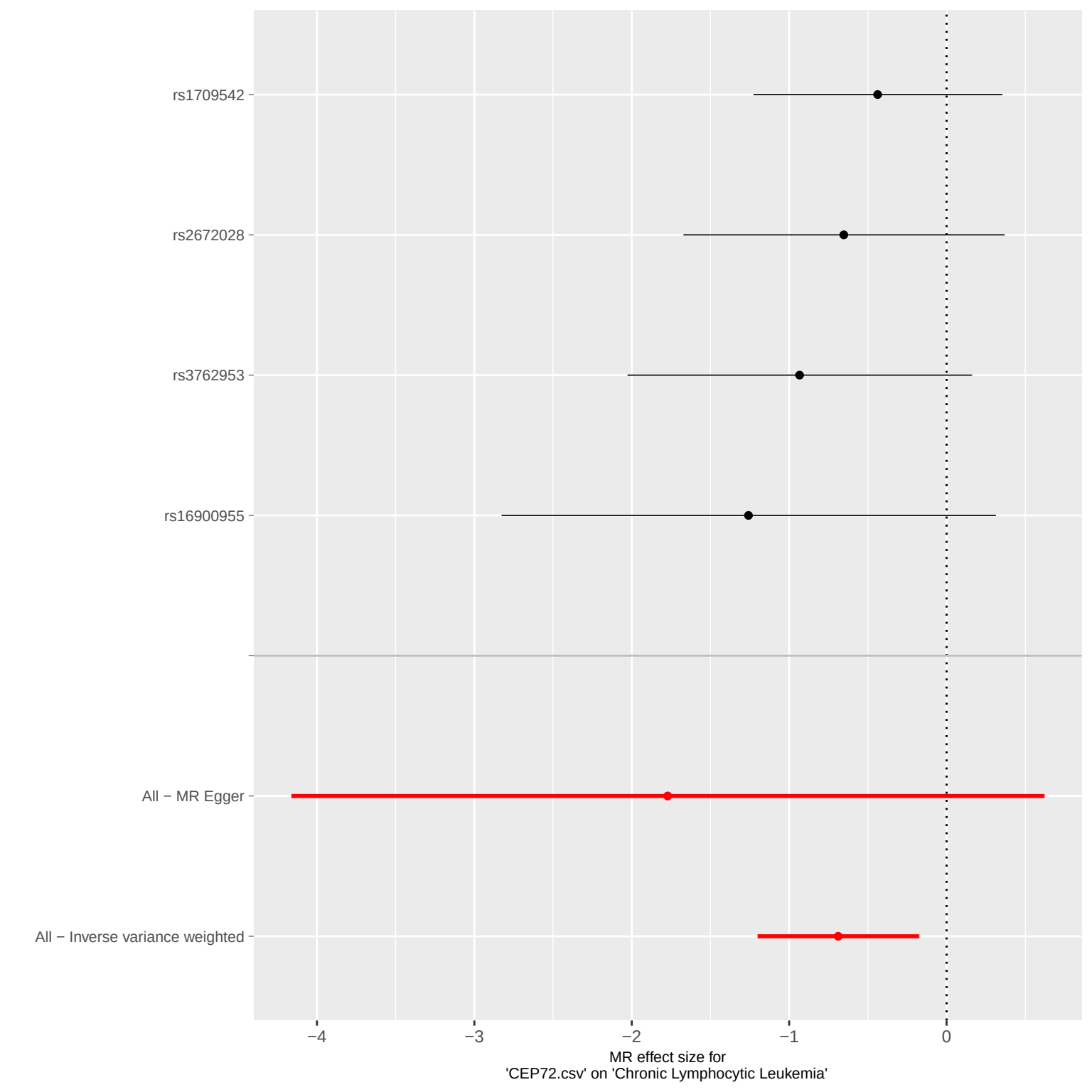
2
MR effect size for
'CEP19.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
−4
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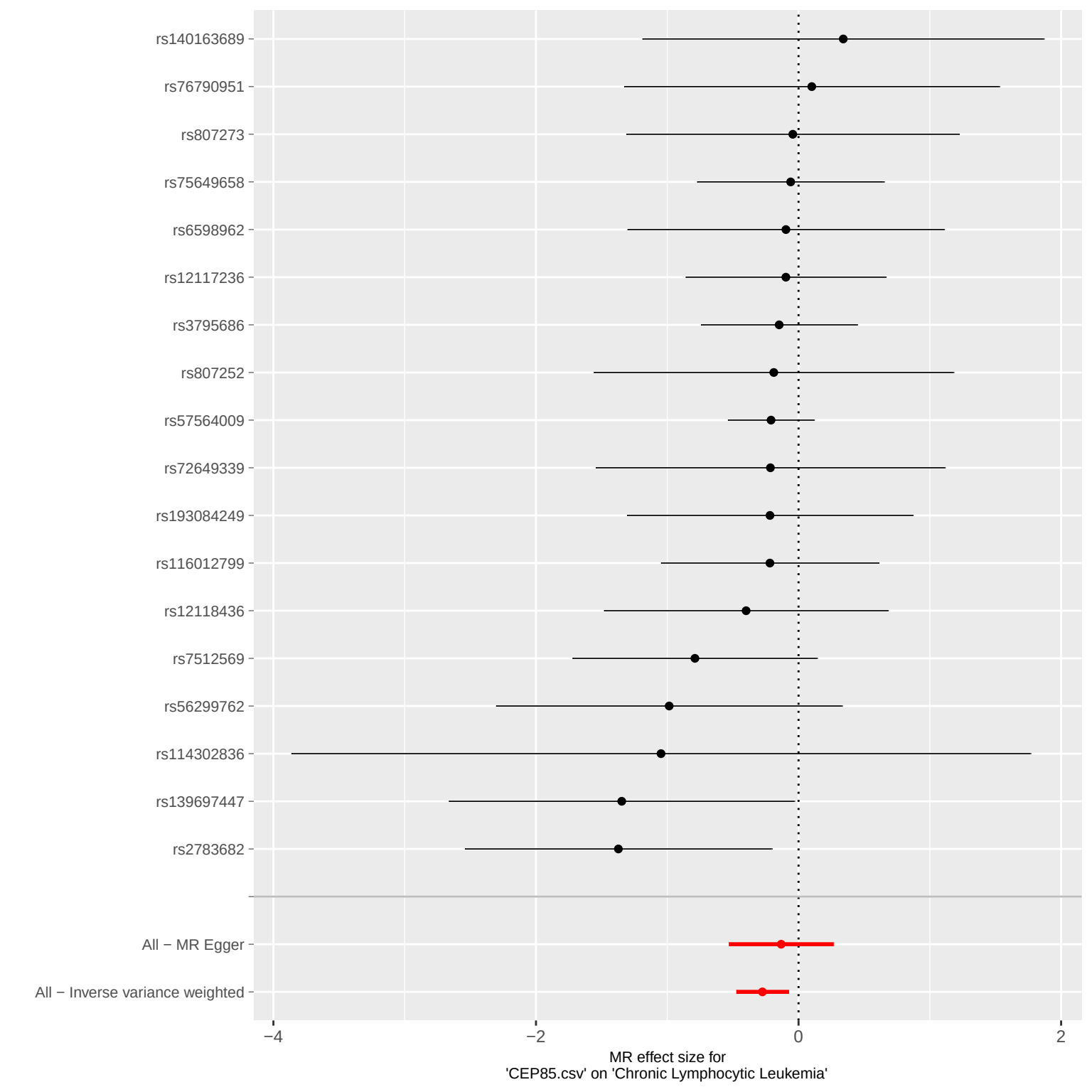
−2
−1
0
MR effect size for
'CEP72.csv' on 'Chronic Lymphocytic Leukemia'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rs12118436
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All − MR Egger
All − Inverse variance weighted
−4
−2
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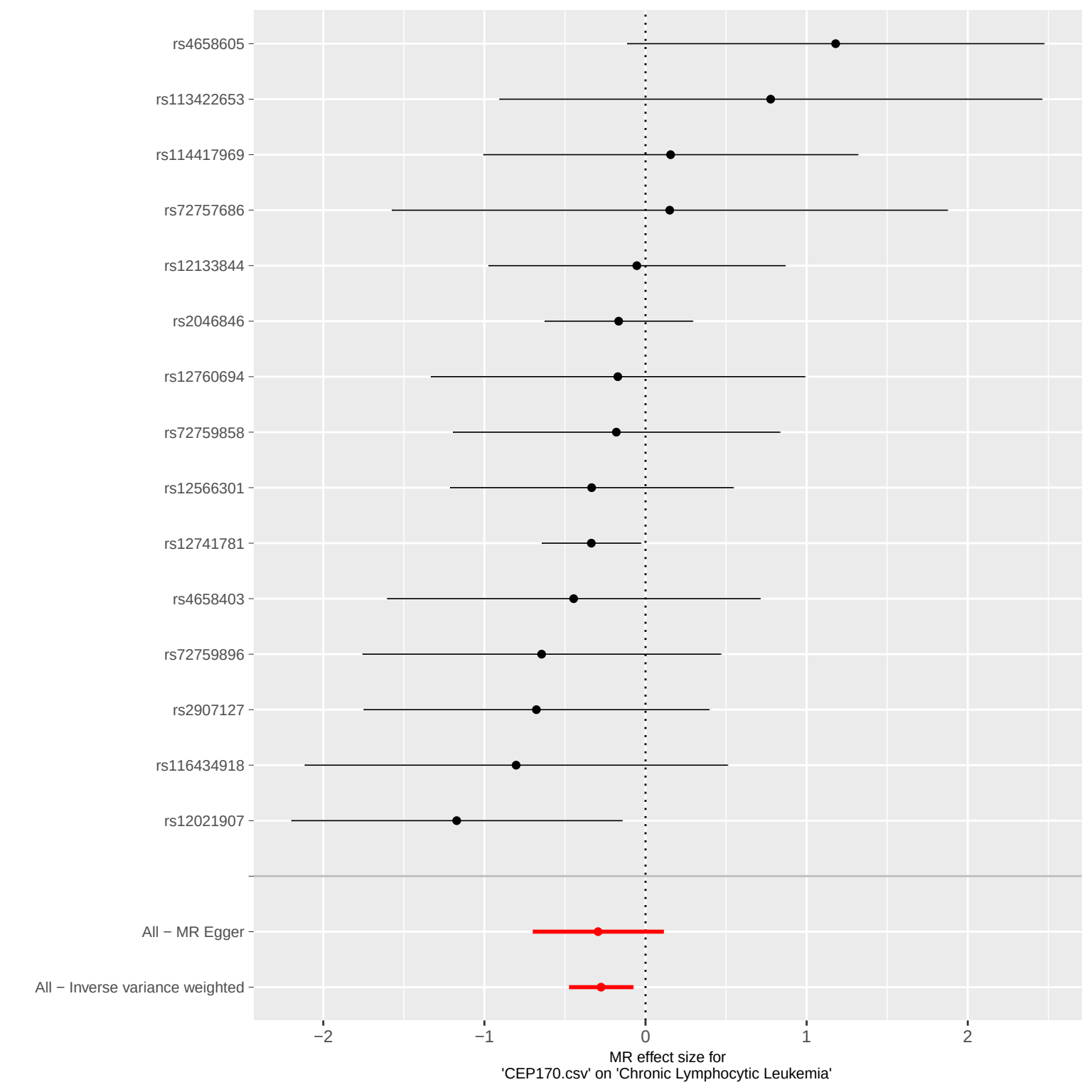
2
MR effect size for
'CEP85.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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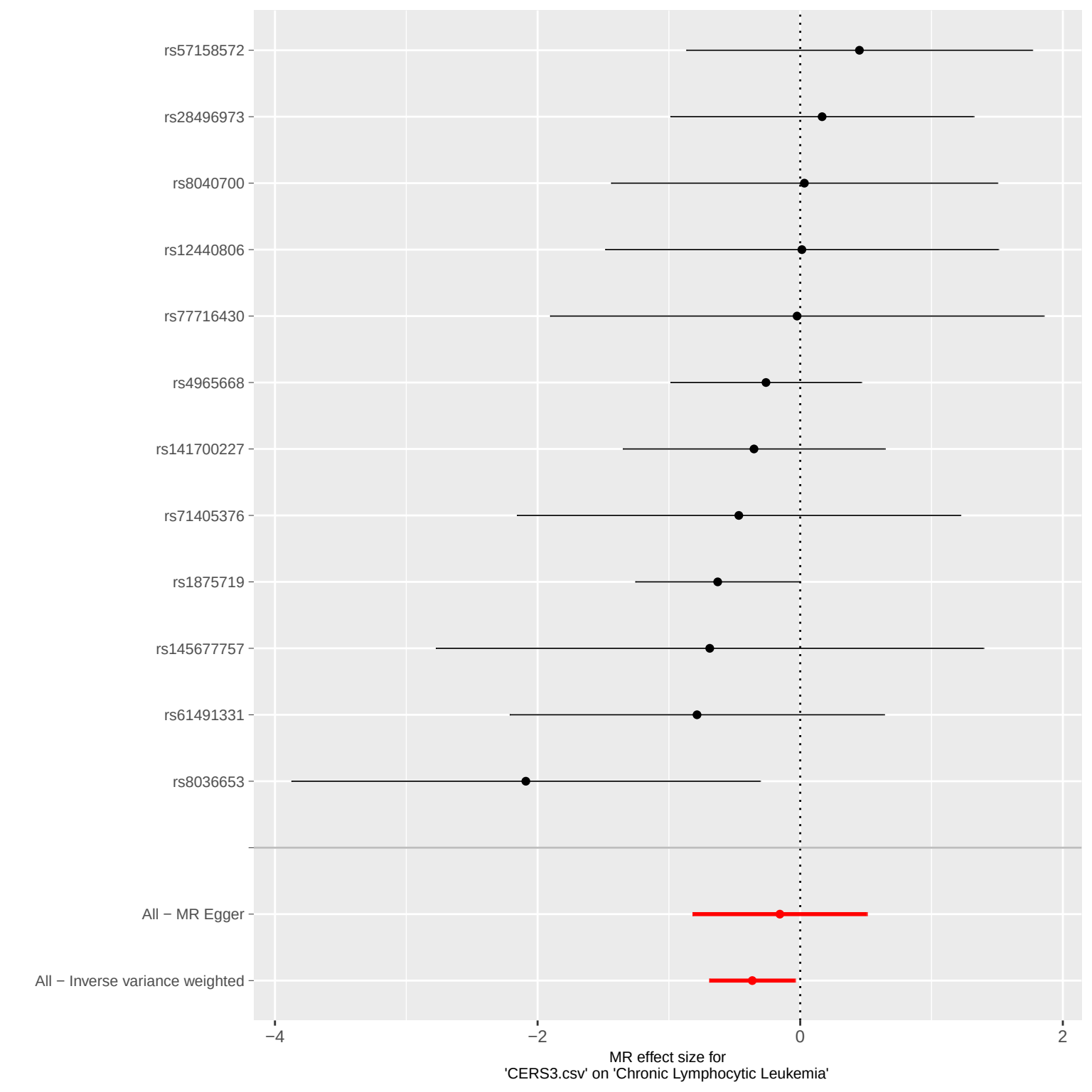
−1
0
1
2
MR effect size for
'CEP170.csv' on 'Chronic Lymphocytic Leukemia'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rs61491331
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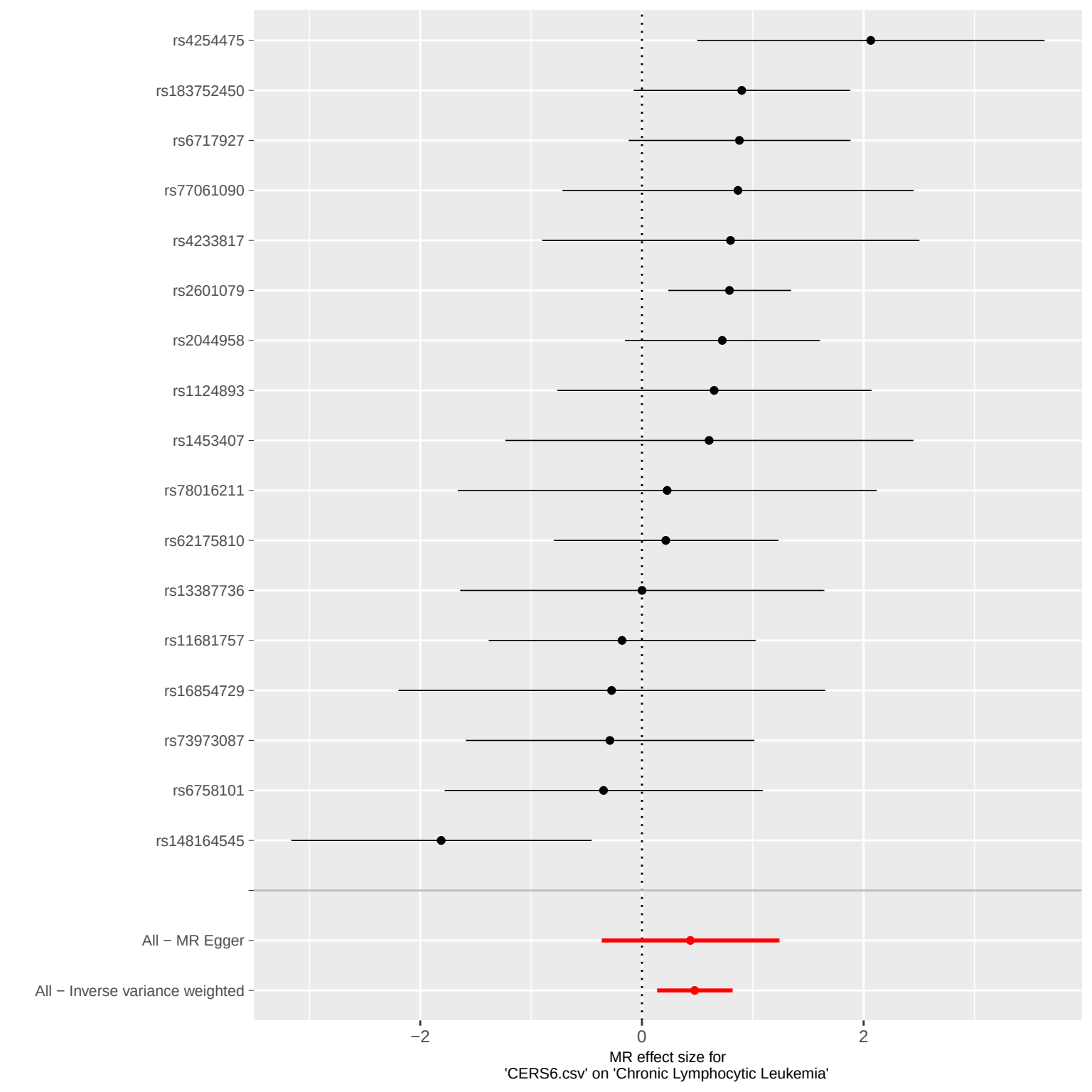
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CERS3.csv' on 'Chronic Lymphocytic Leukemia'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rs13387736
rs11681757
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rs73973087
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All − MR Egger
All − Inverse variance weighted
−2
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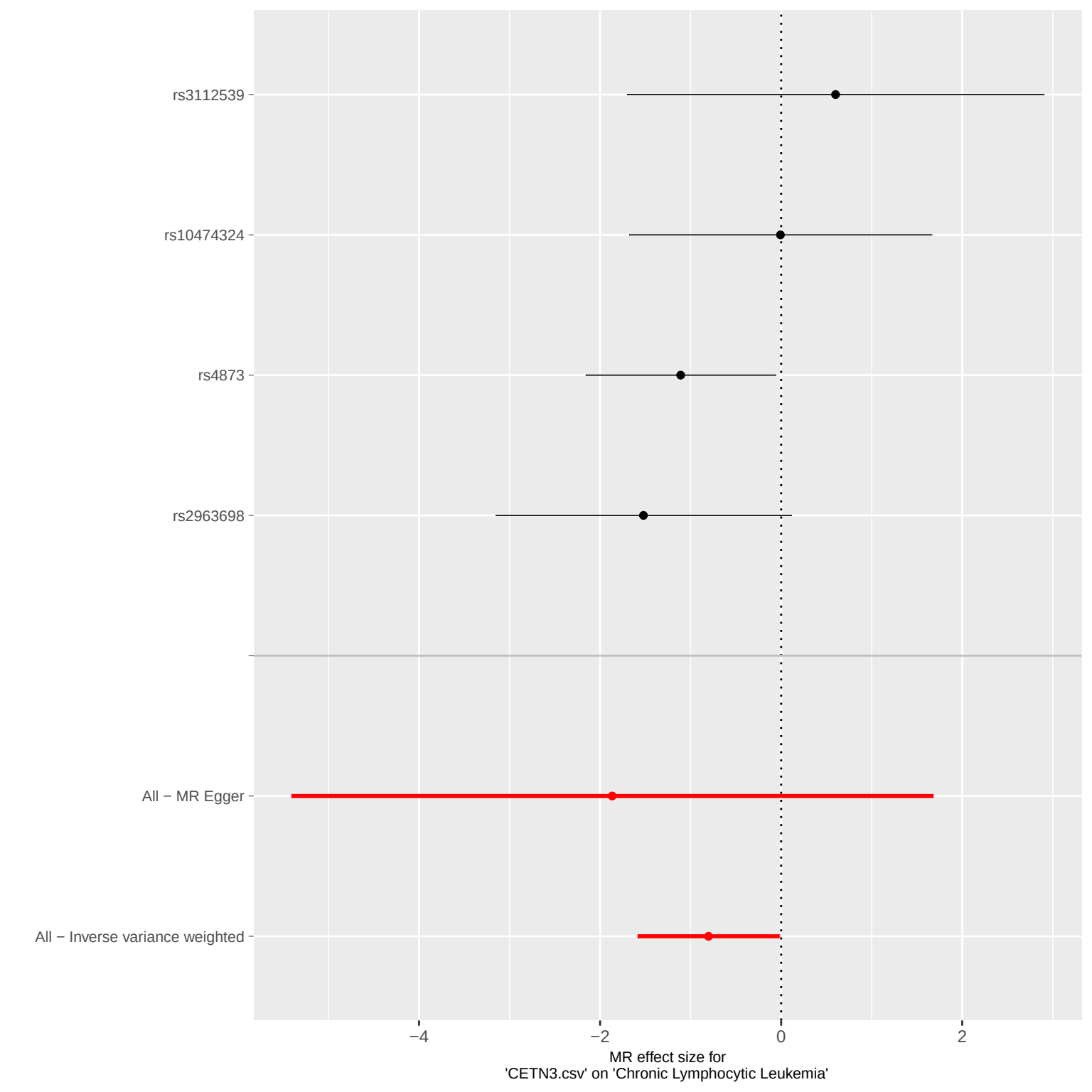
2
MR effect size for
'CERS6.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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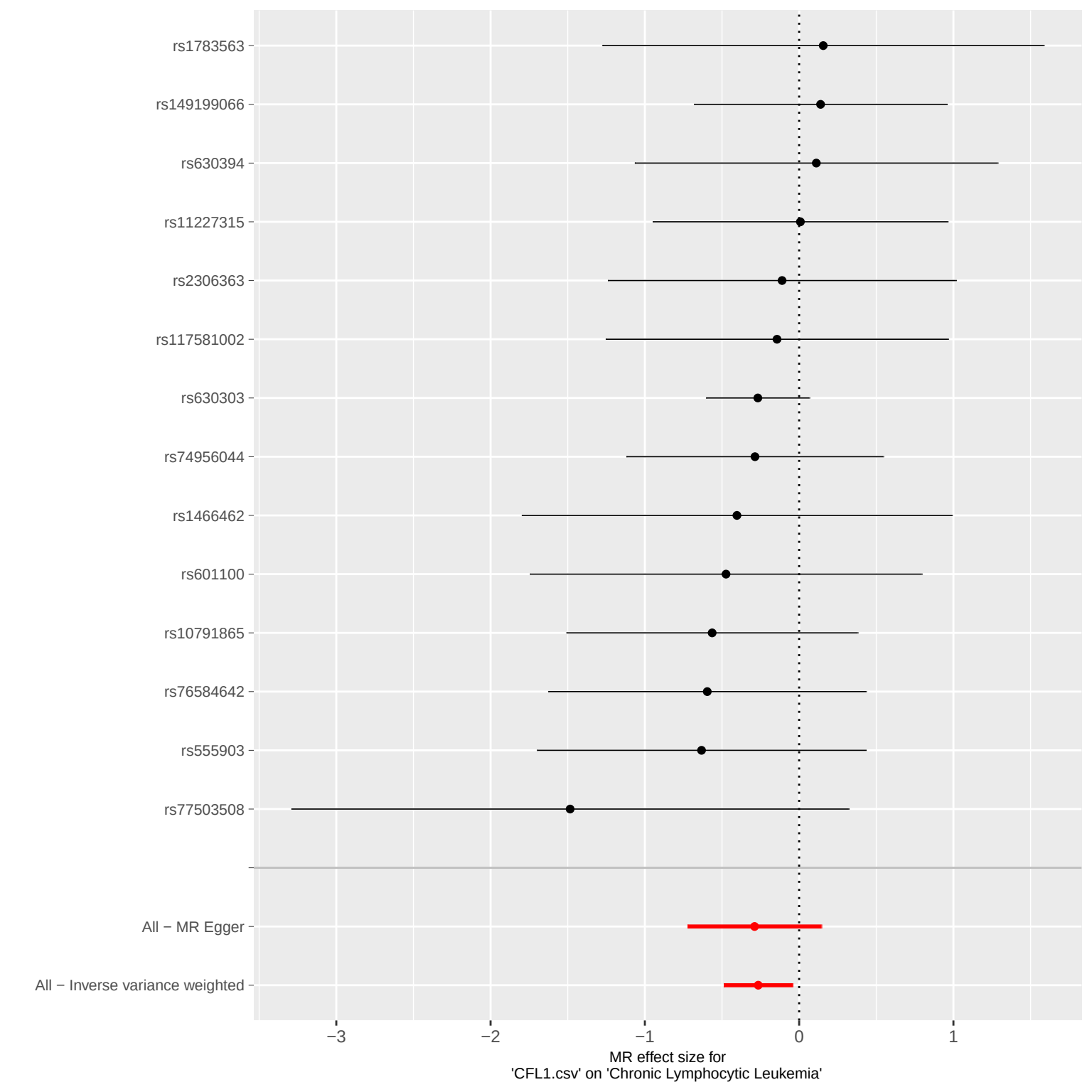
2
MR effect size for
'CETN3.csv' on 'Chronic Lymphocytic Leukemia'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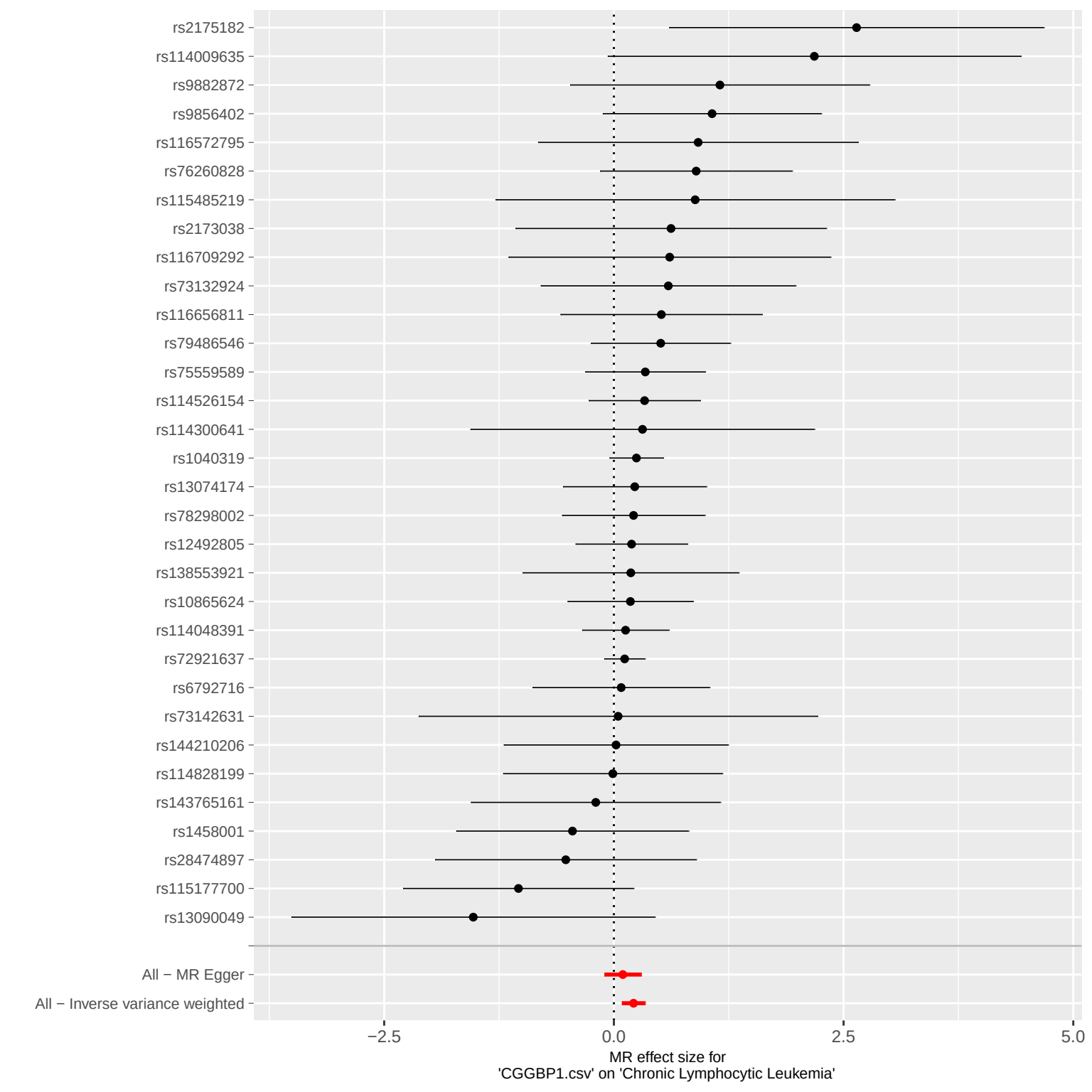
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'CFL1.csv' on 'Chronic Lymphocytic Leukemia'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rs1458001
rs28474897
rs115177700
rs13090049
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All − Inverse variance weighted
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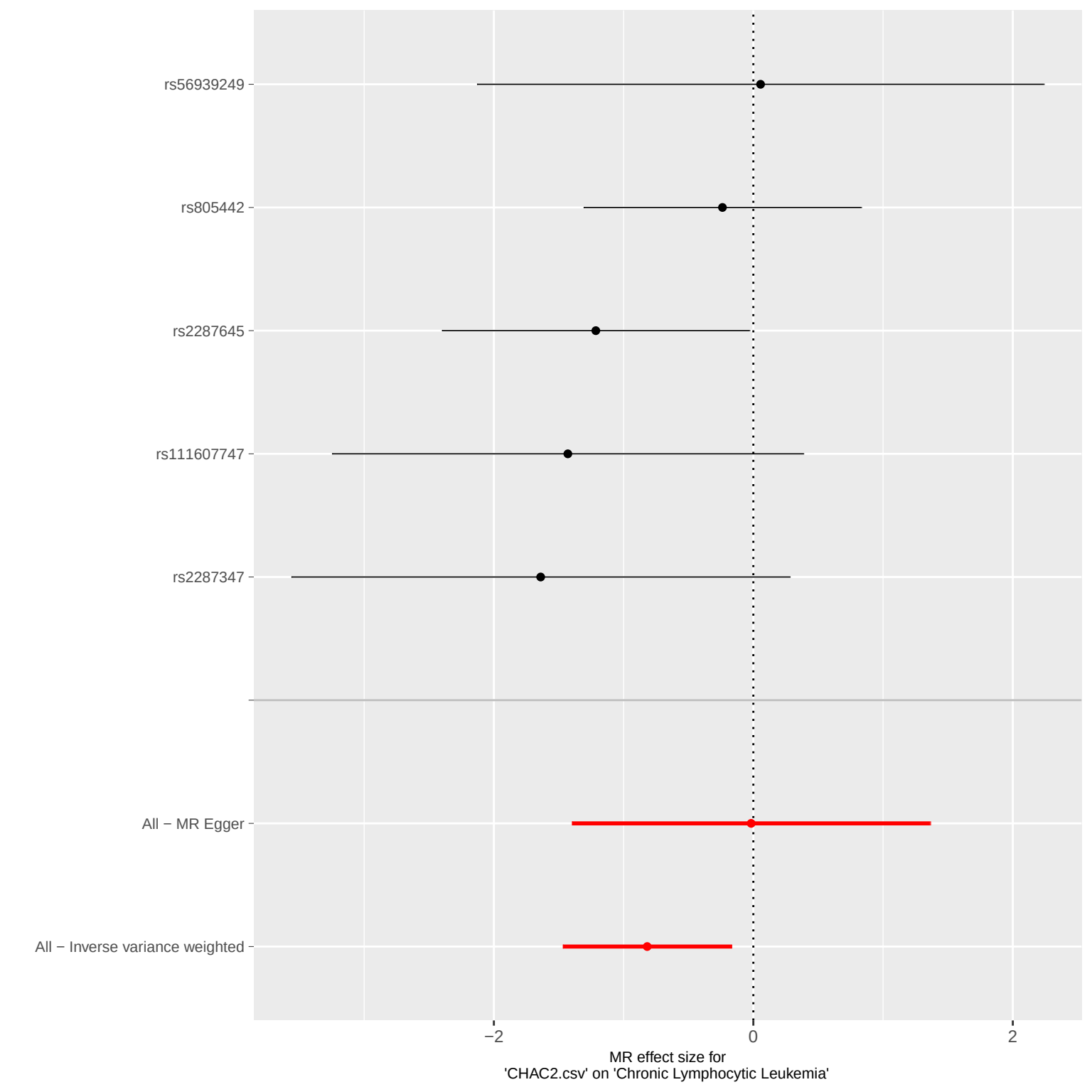
0.0
2.5
5.0
MR effect size for
'CGGBP1.csv' on 'Chronic Lymphocytic Leukemia'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rs2287645
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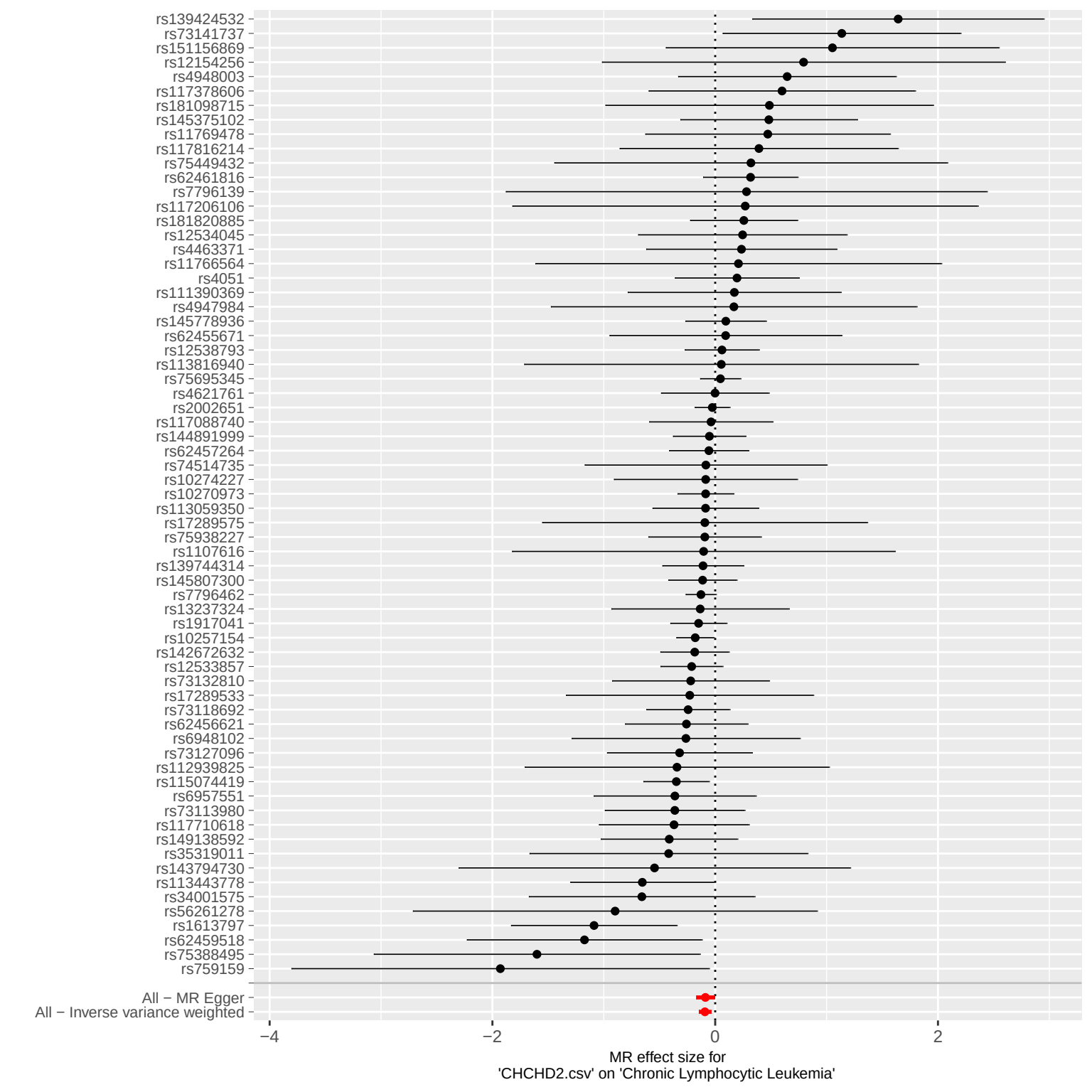
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'CHAC2.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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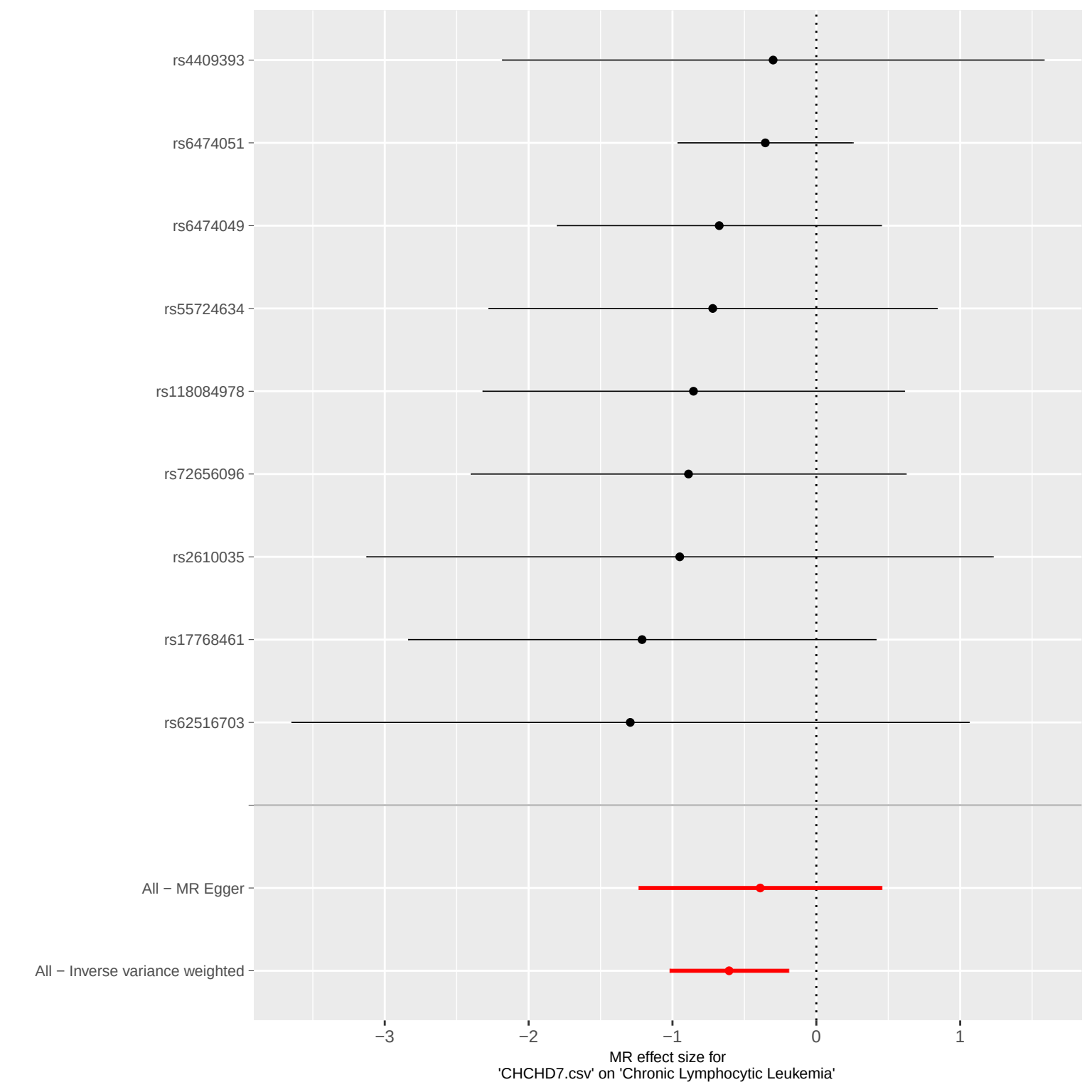
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All − Inverse variance weighted
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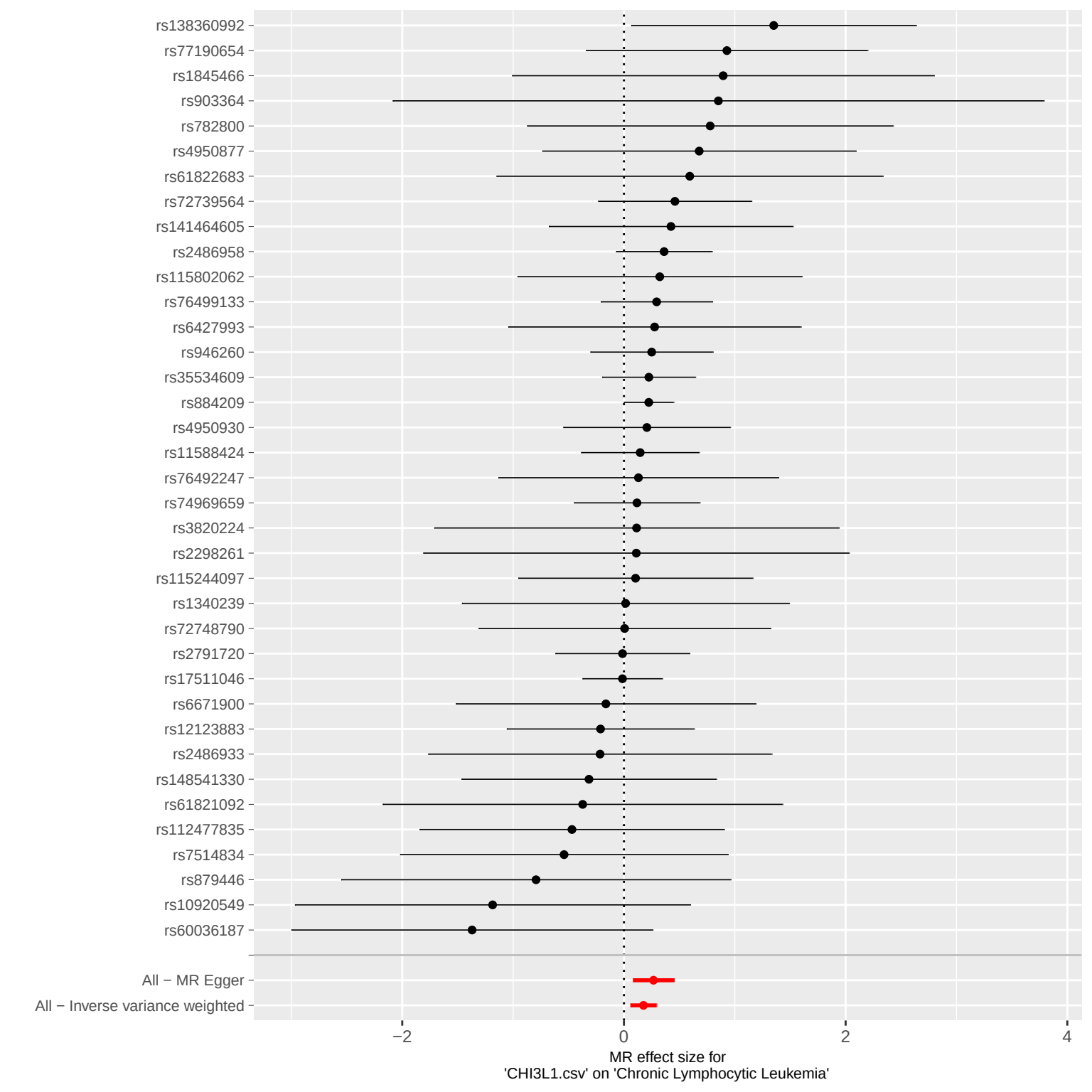
MR effect size for
'CHCHD7.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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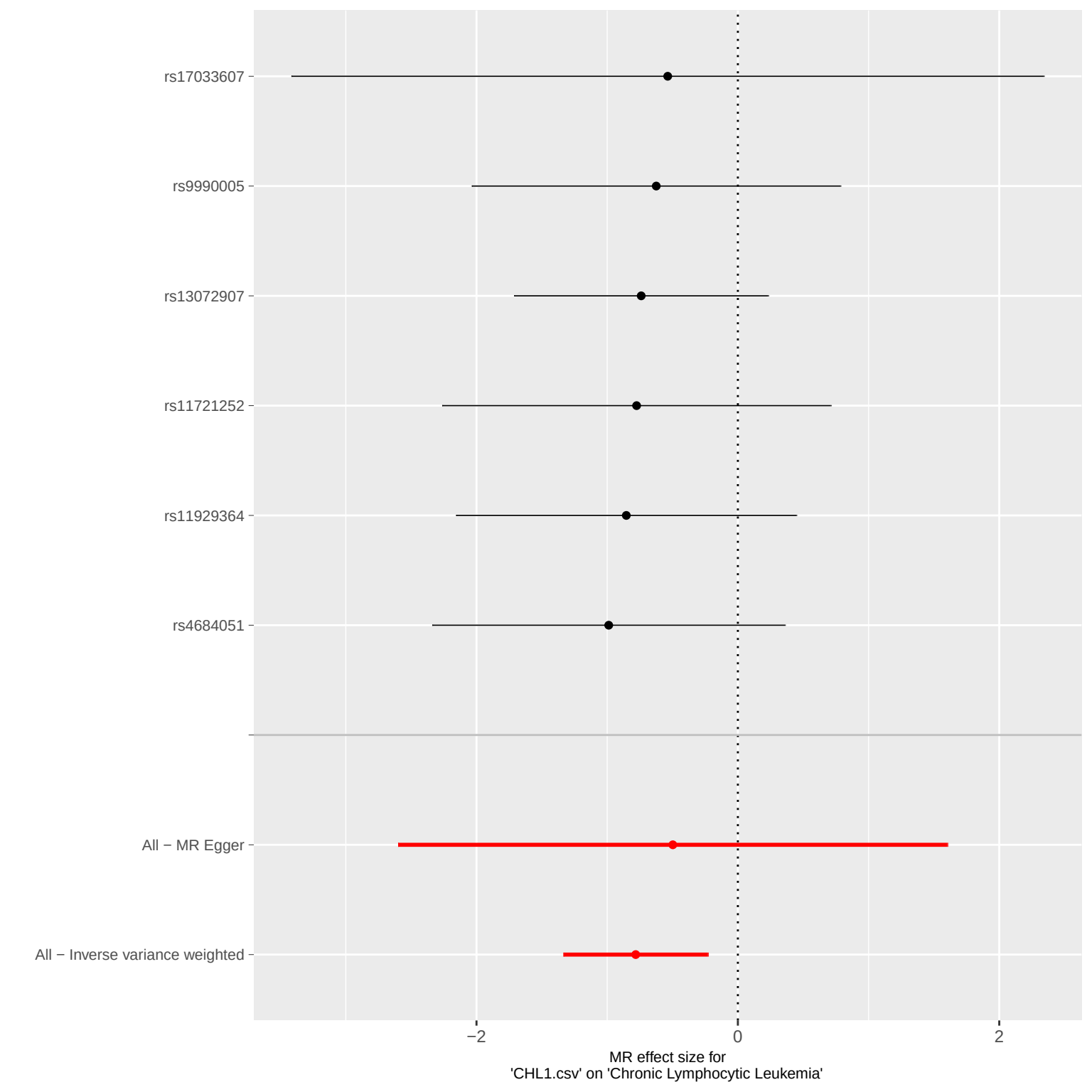
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All − Inverse variance weighted
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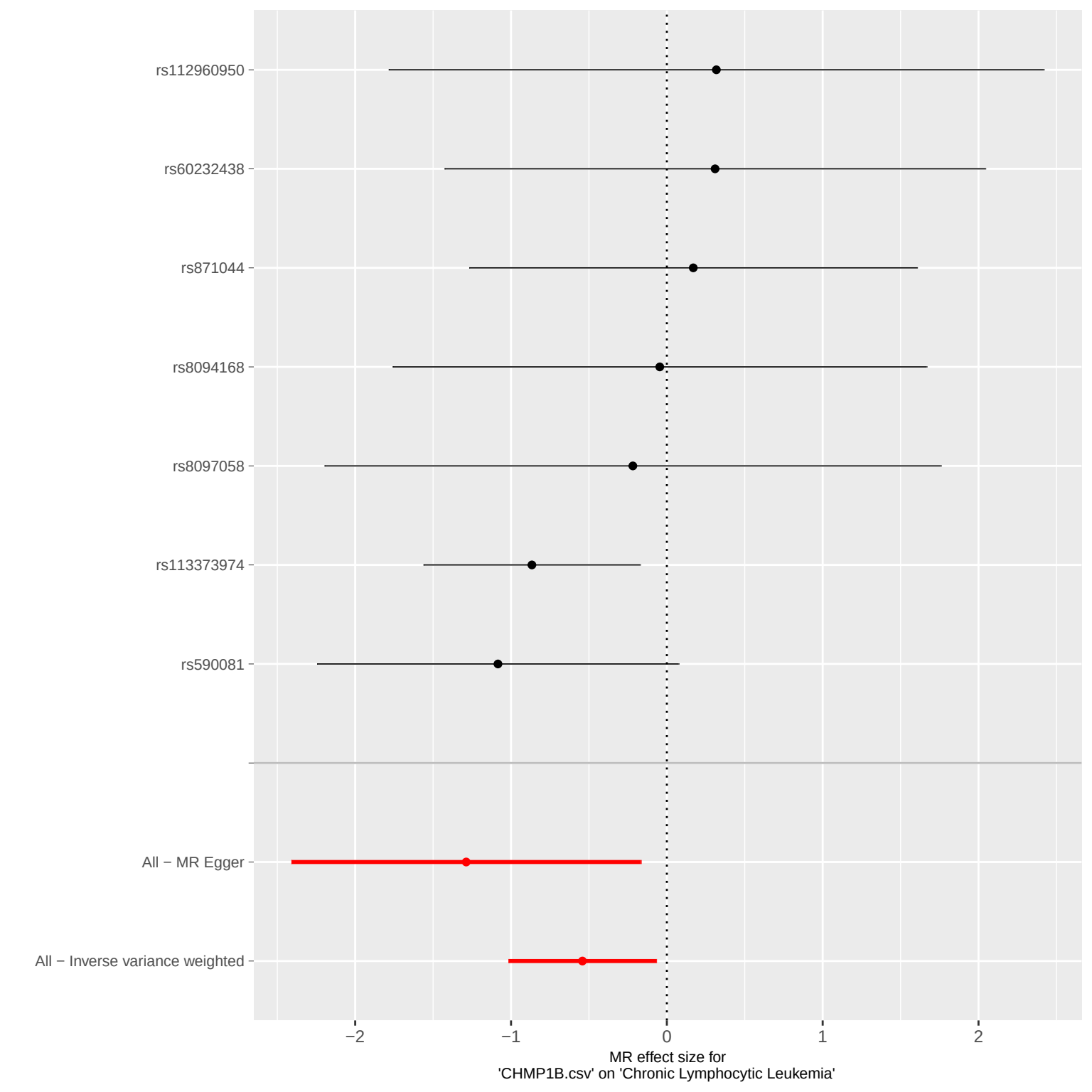
MR effect size for
'CHL1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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0
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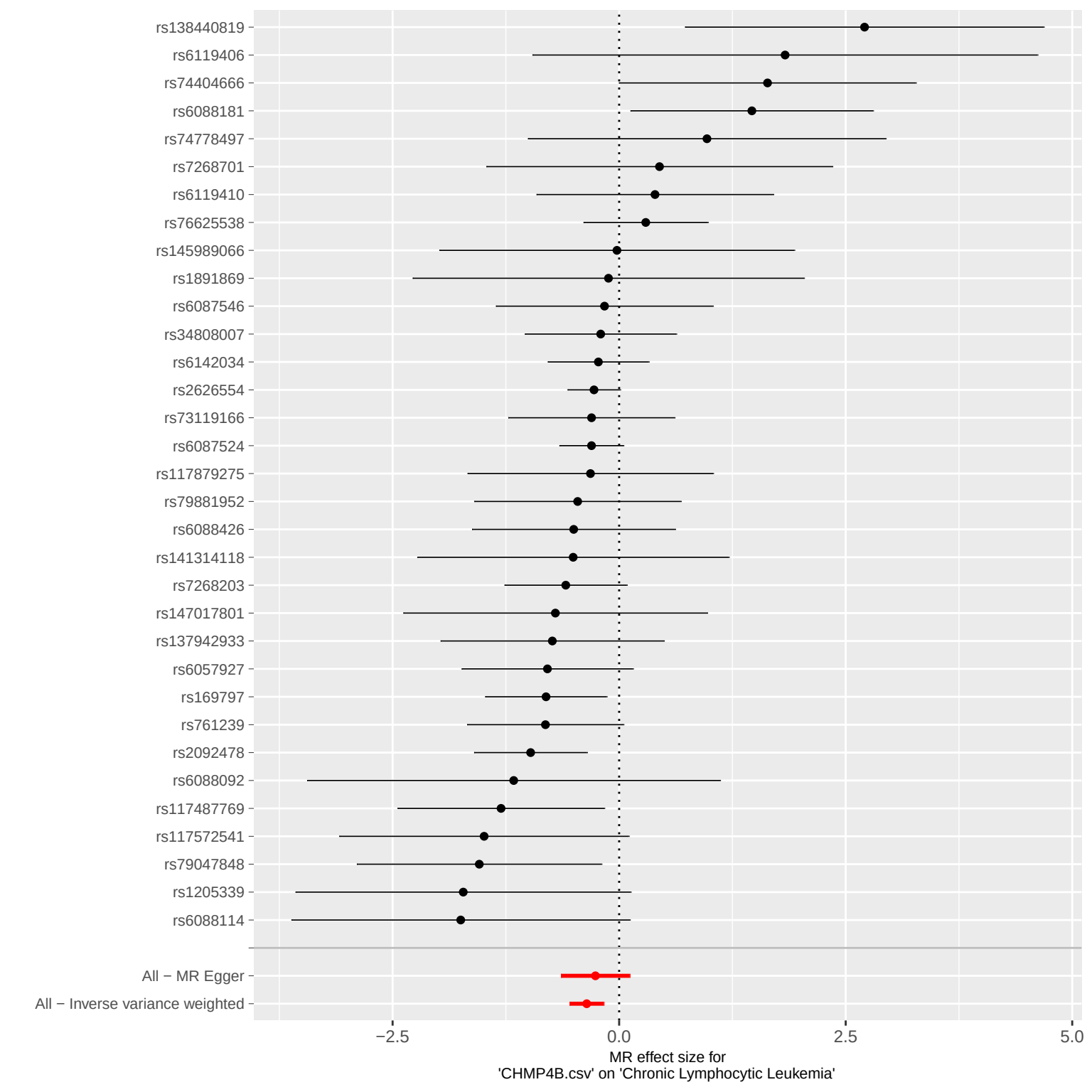
MR effect size for
'CHMP1B.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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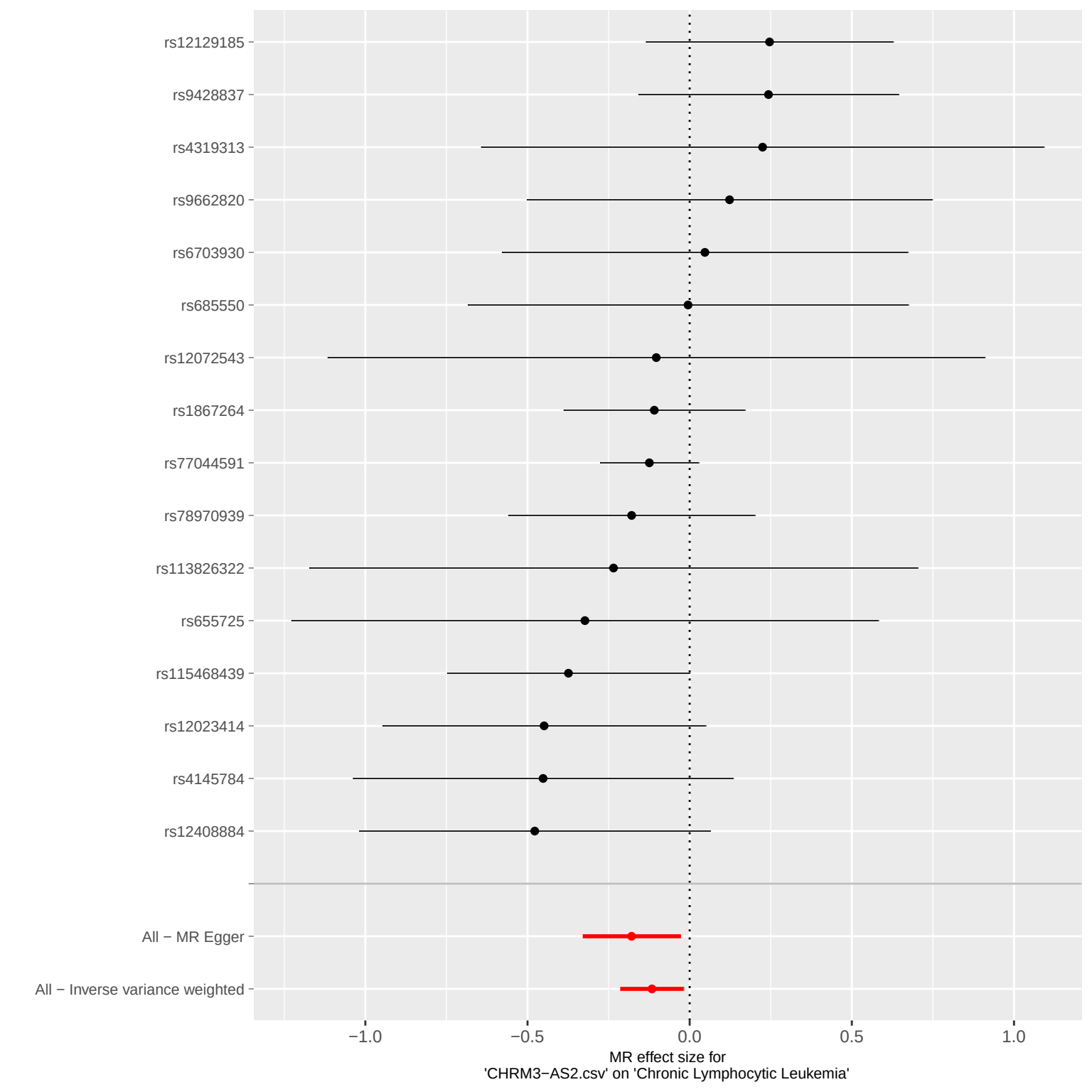
5.0
MR effect size for
'CHMP4B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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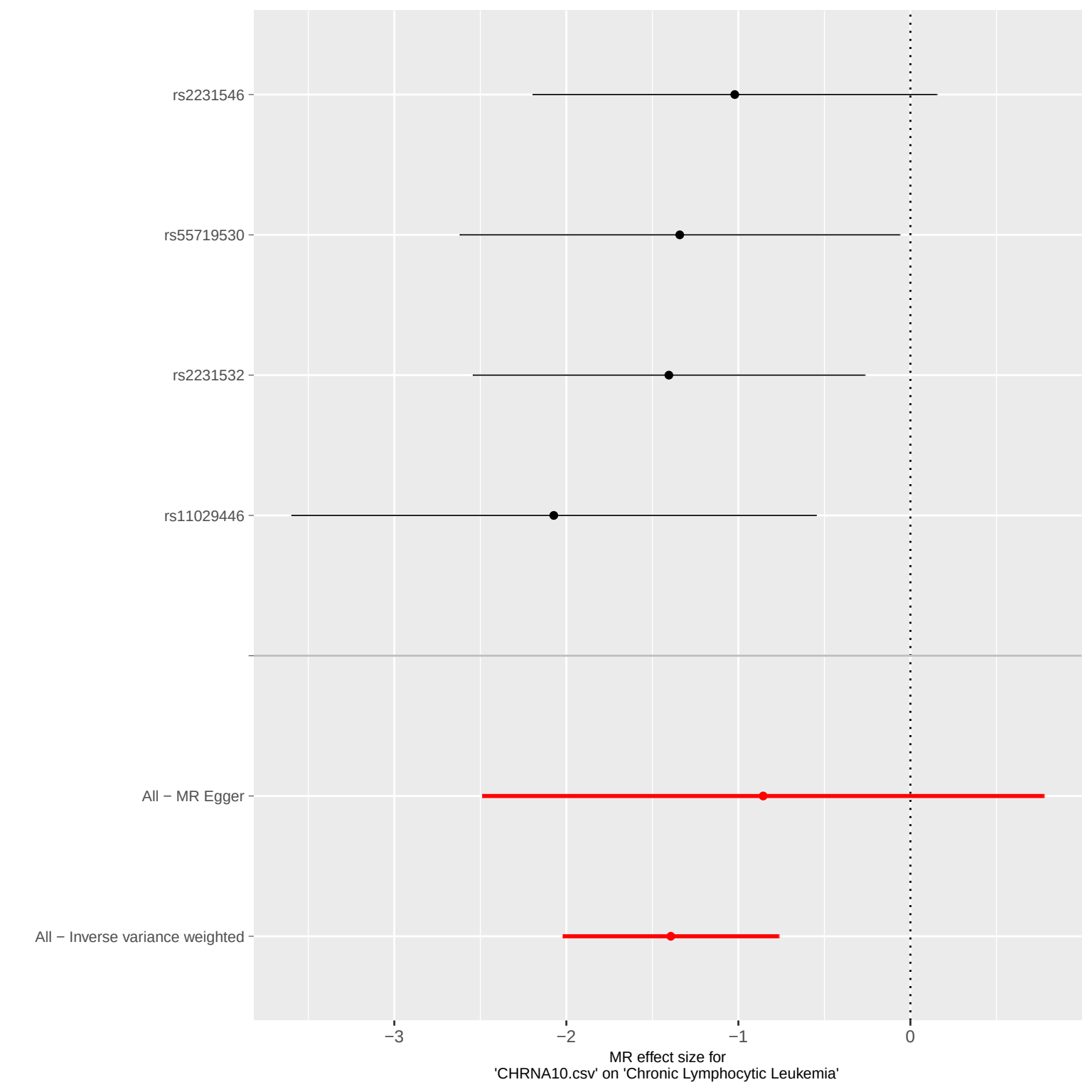
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All − Inverse variance weighted
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MR effect size for
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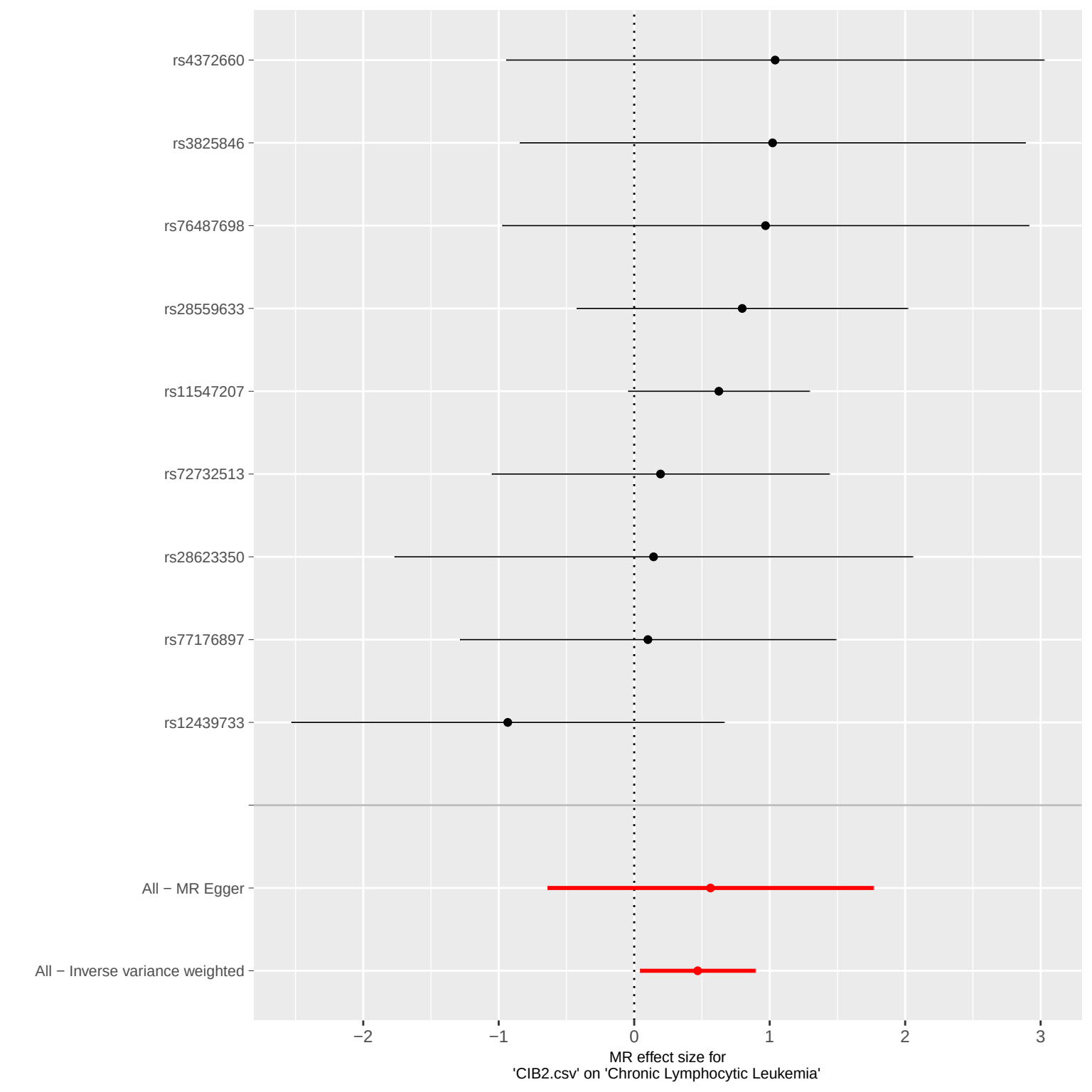
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−1
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1
2
3
MR effect size for
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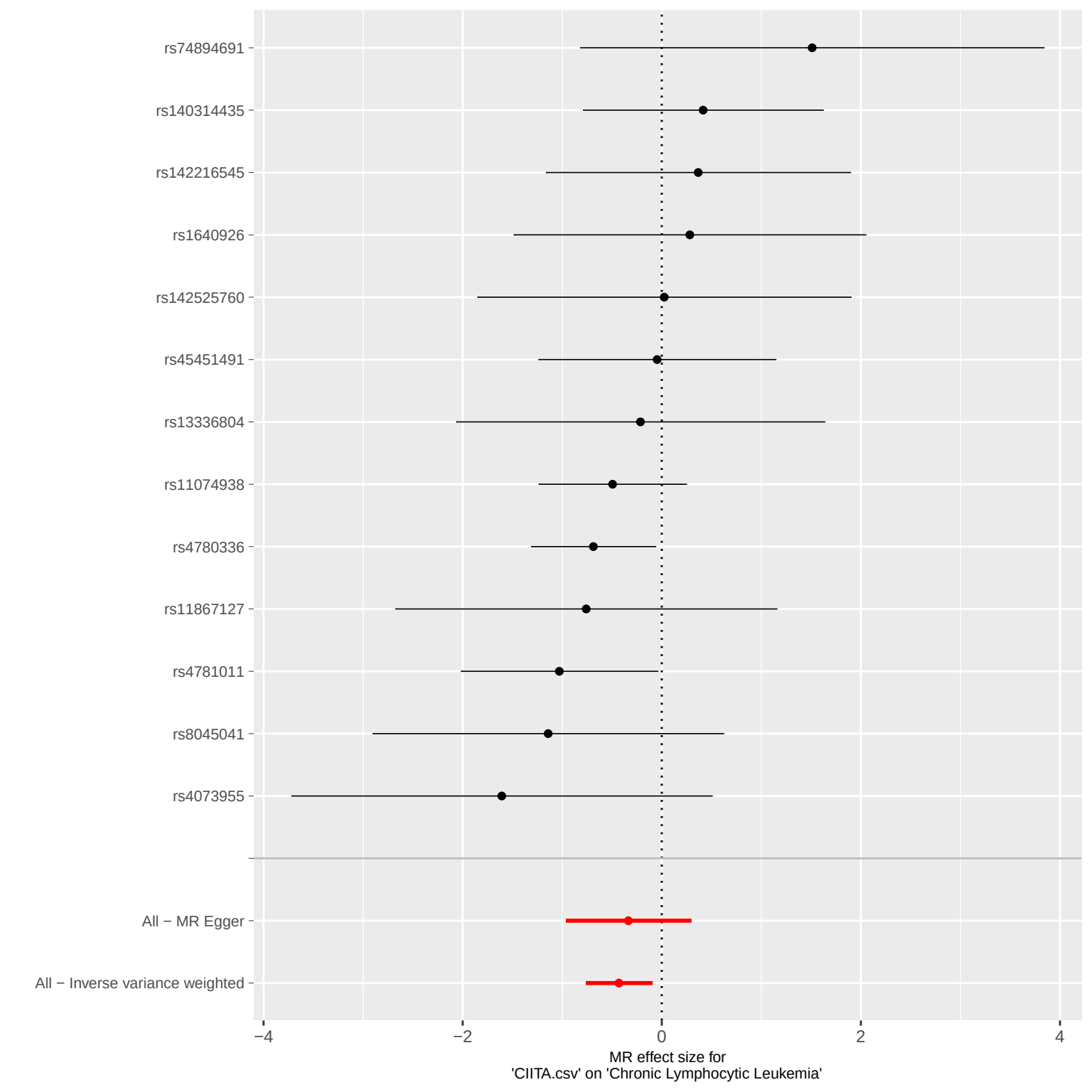
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All − MR Egger
All − Inverse variance weighted
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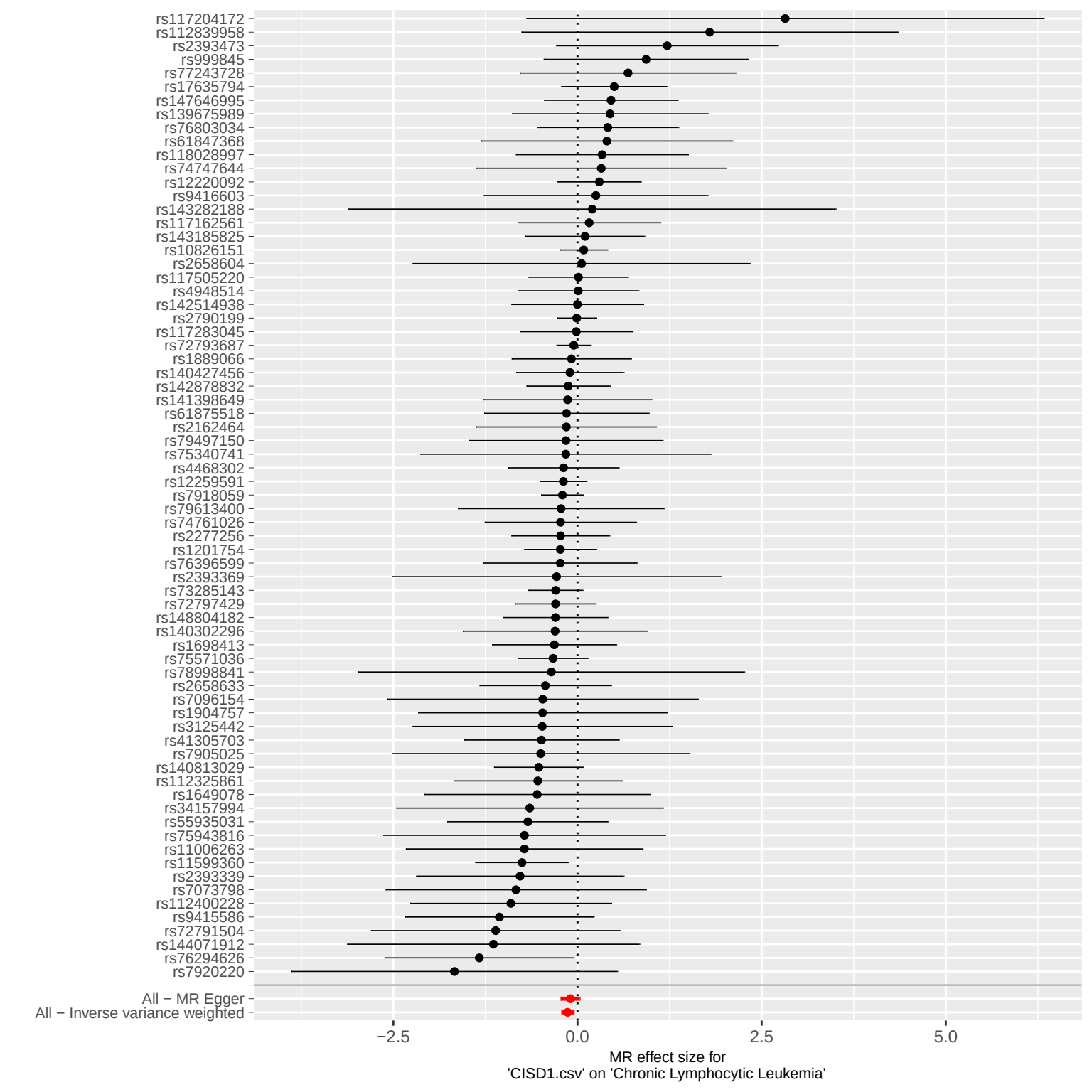
MR effect size for
'CIITA.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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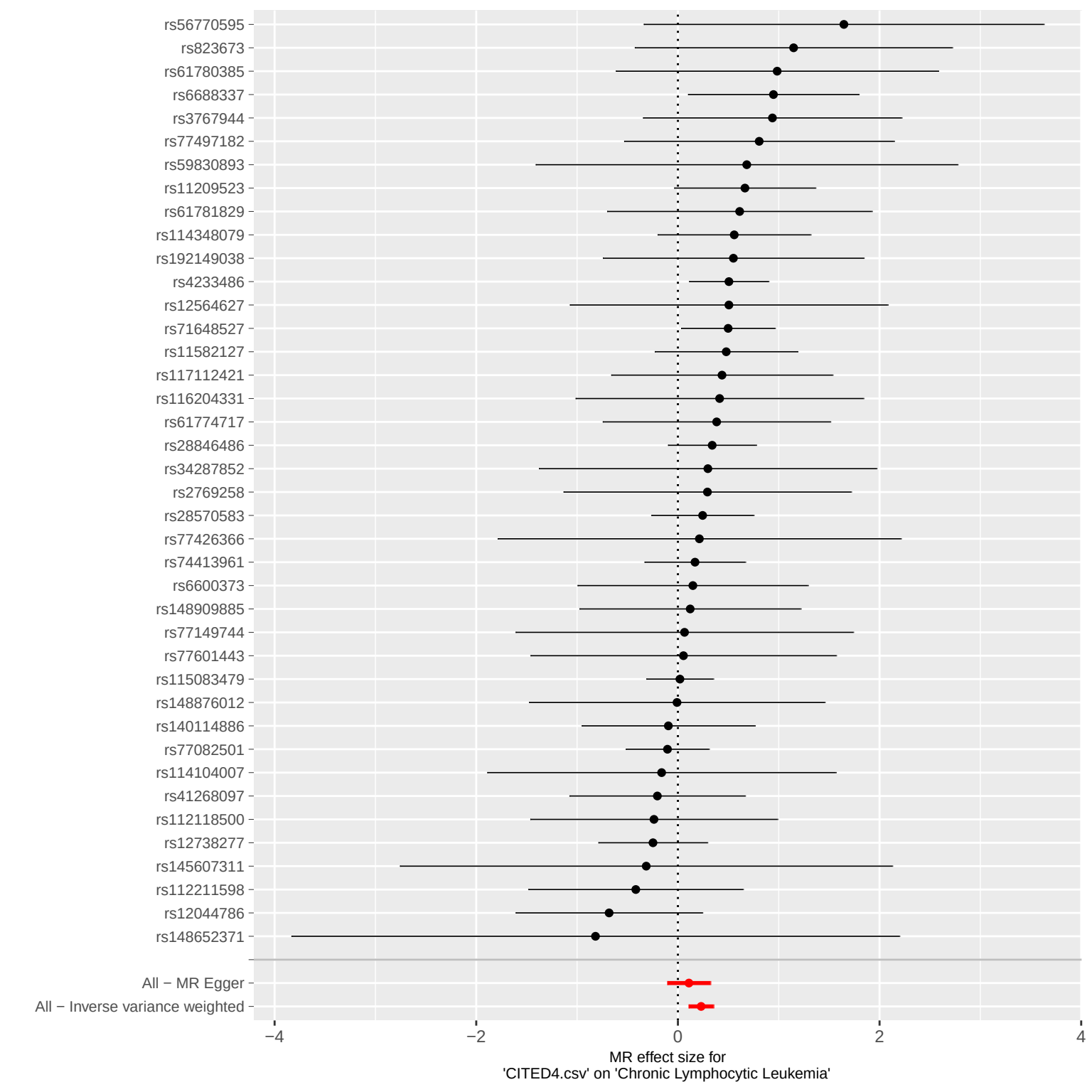
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All − Inverse variance weighted
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MR effect size for
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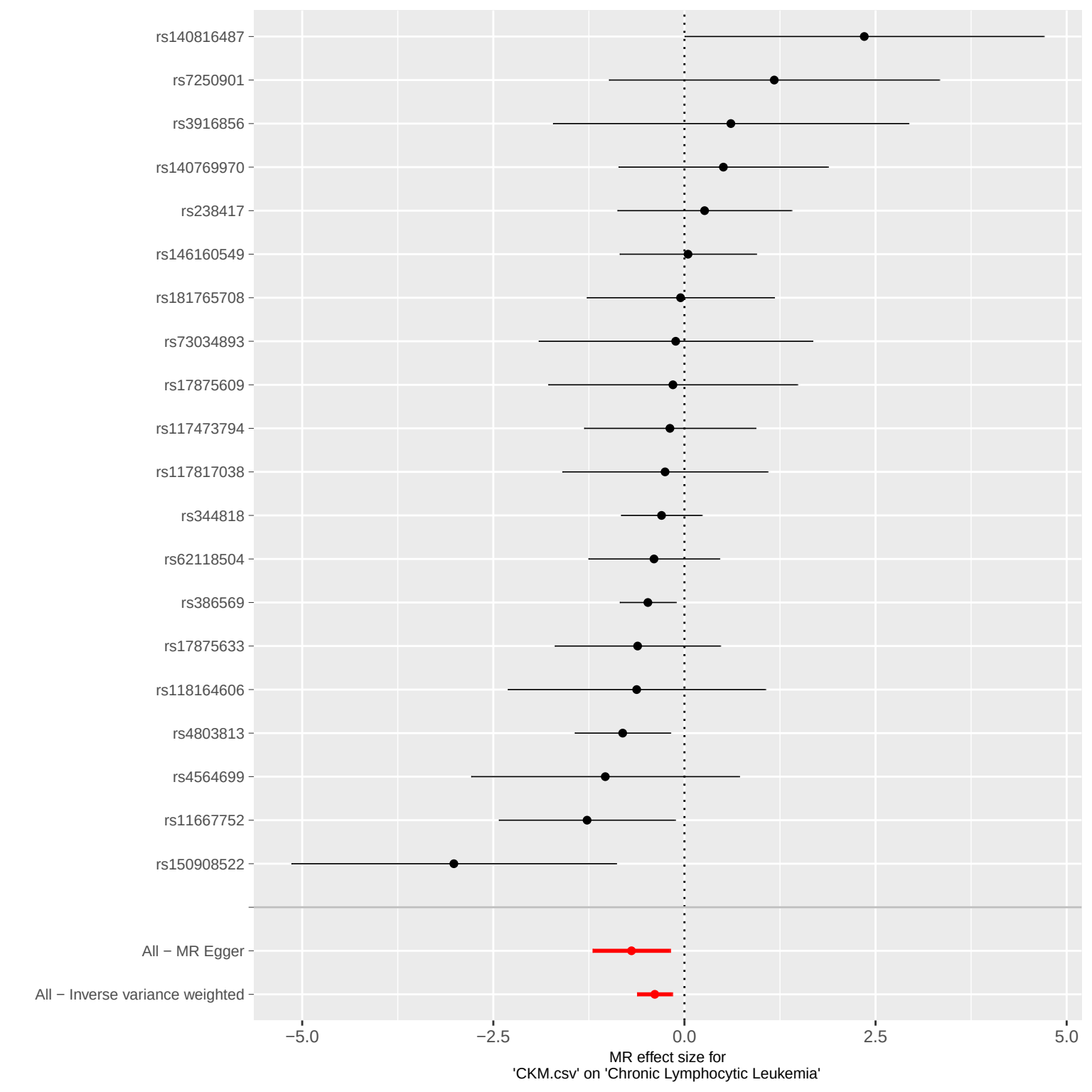
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All − MR Egger
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MR effect size for
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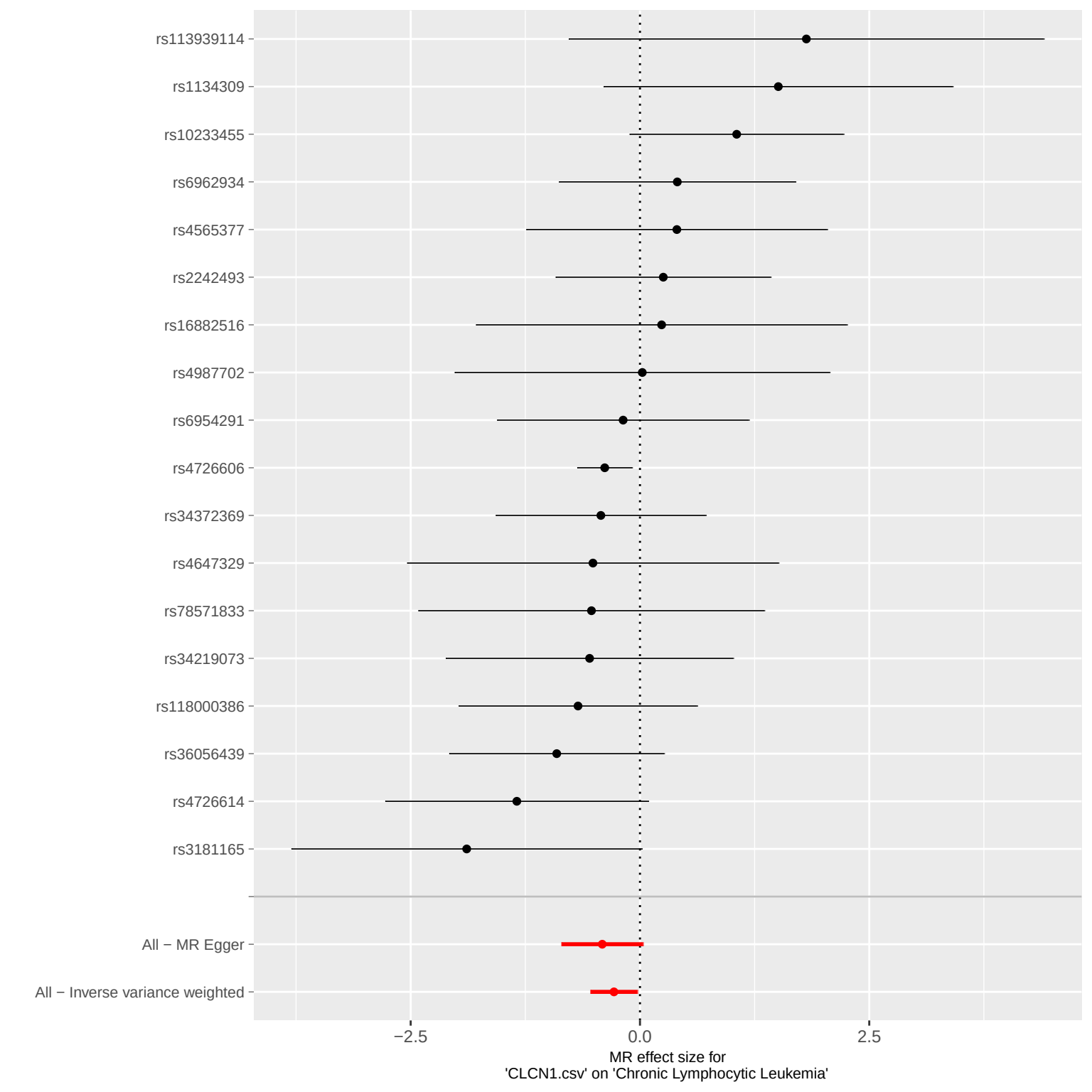
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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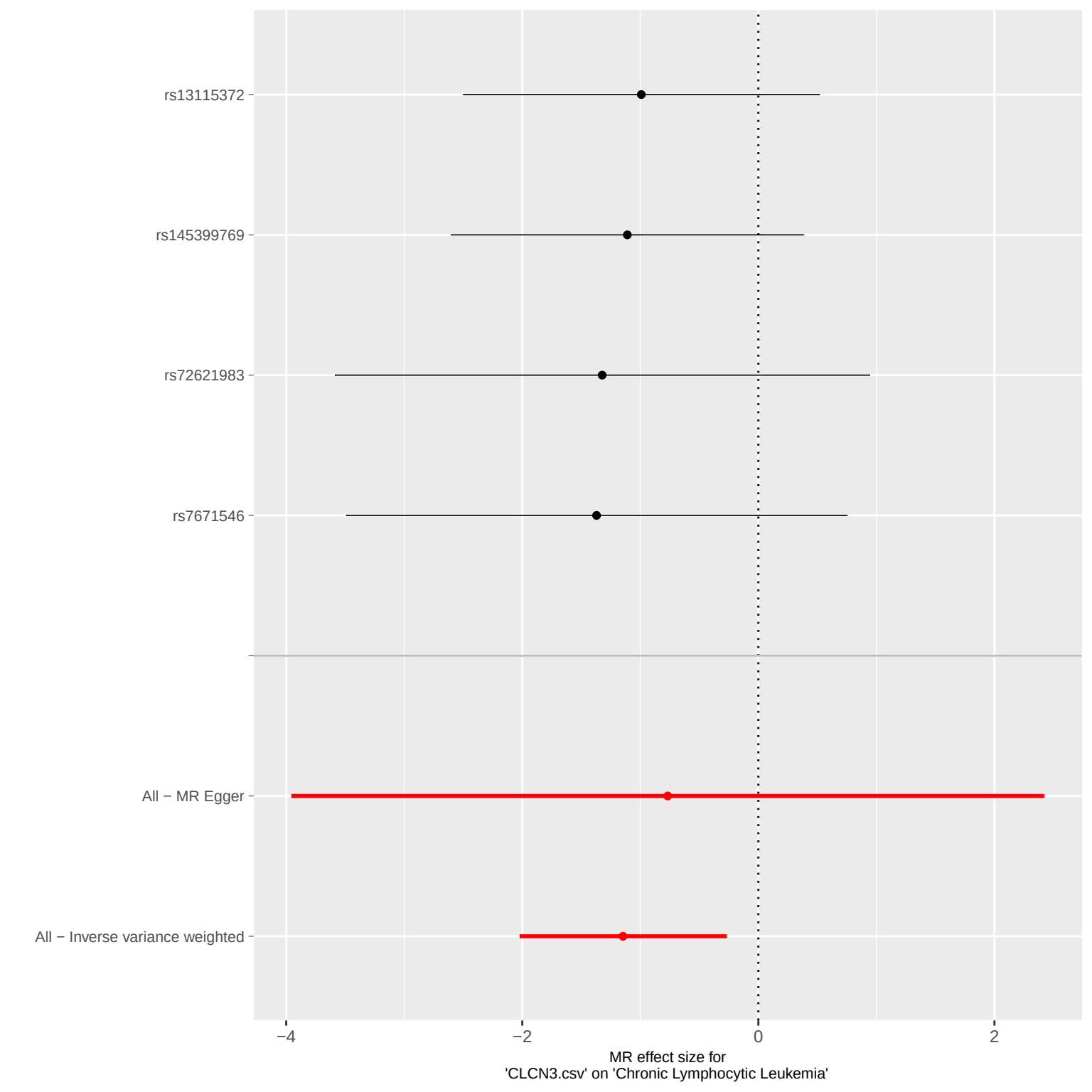
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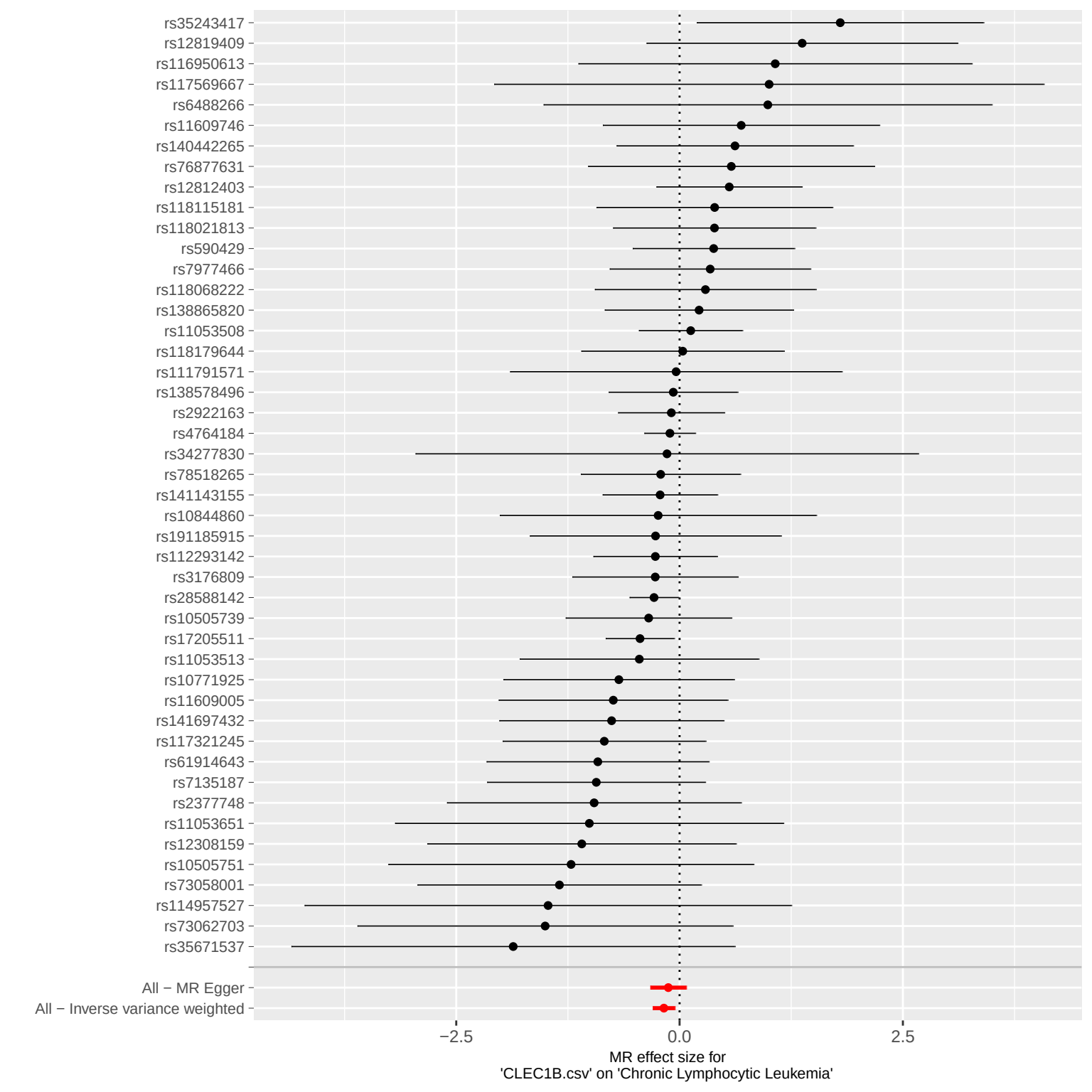
MR effect size for
'CLCN3.csv' on 'Chronic Lymphocytic Leukemia'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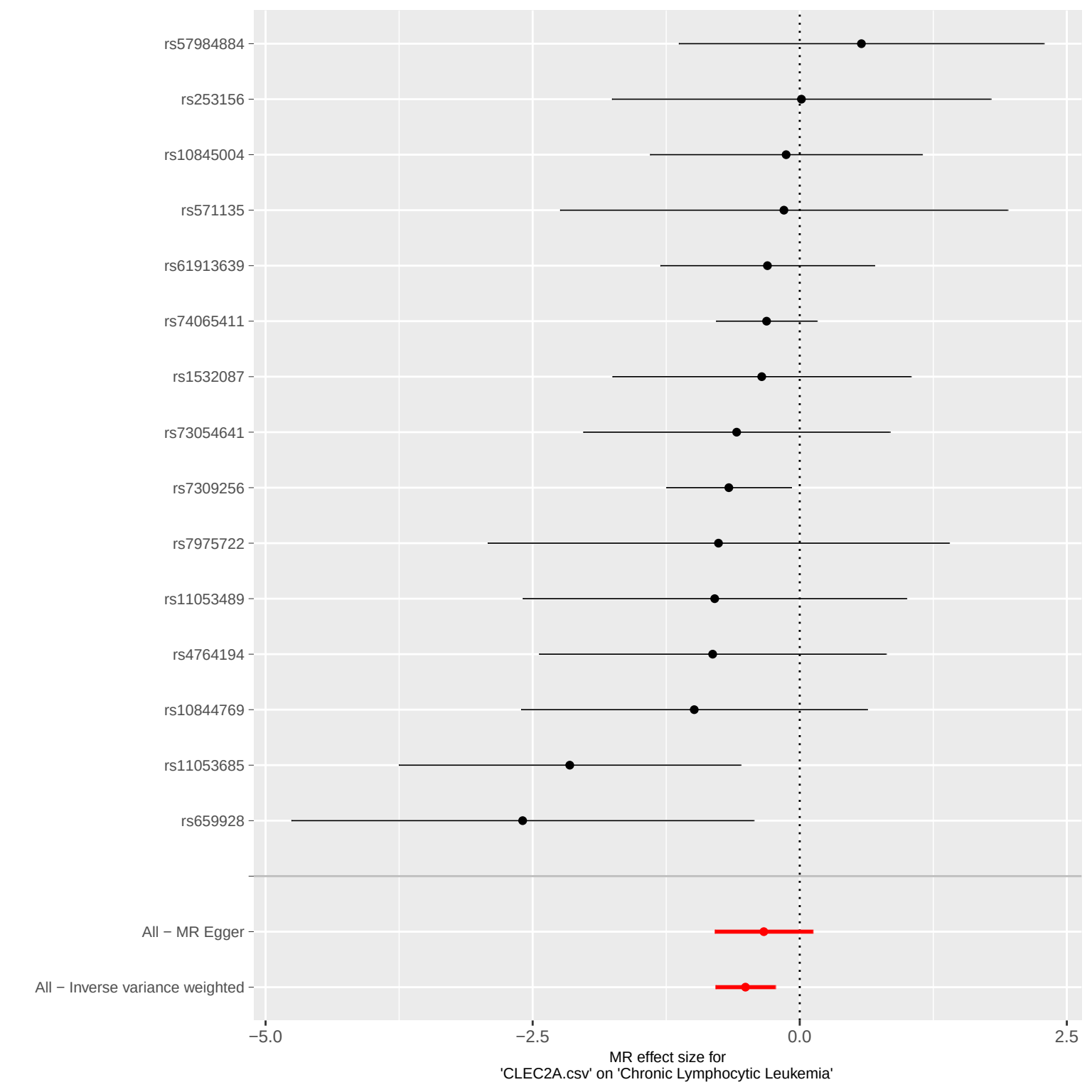
MR effect size for
'CLEC1B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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MR effect size for
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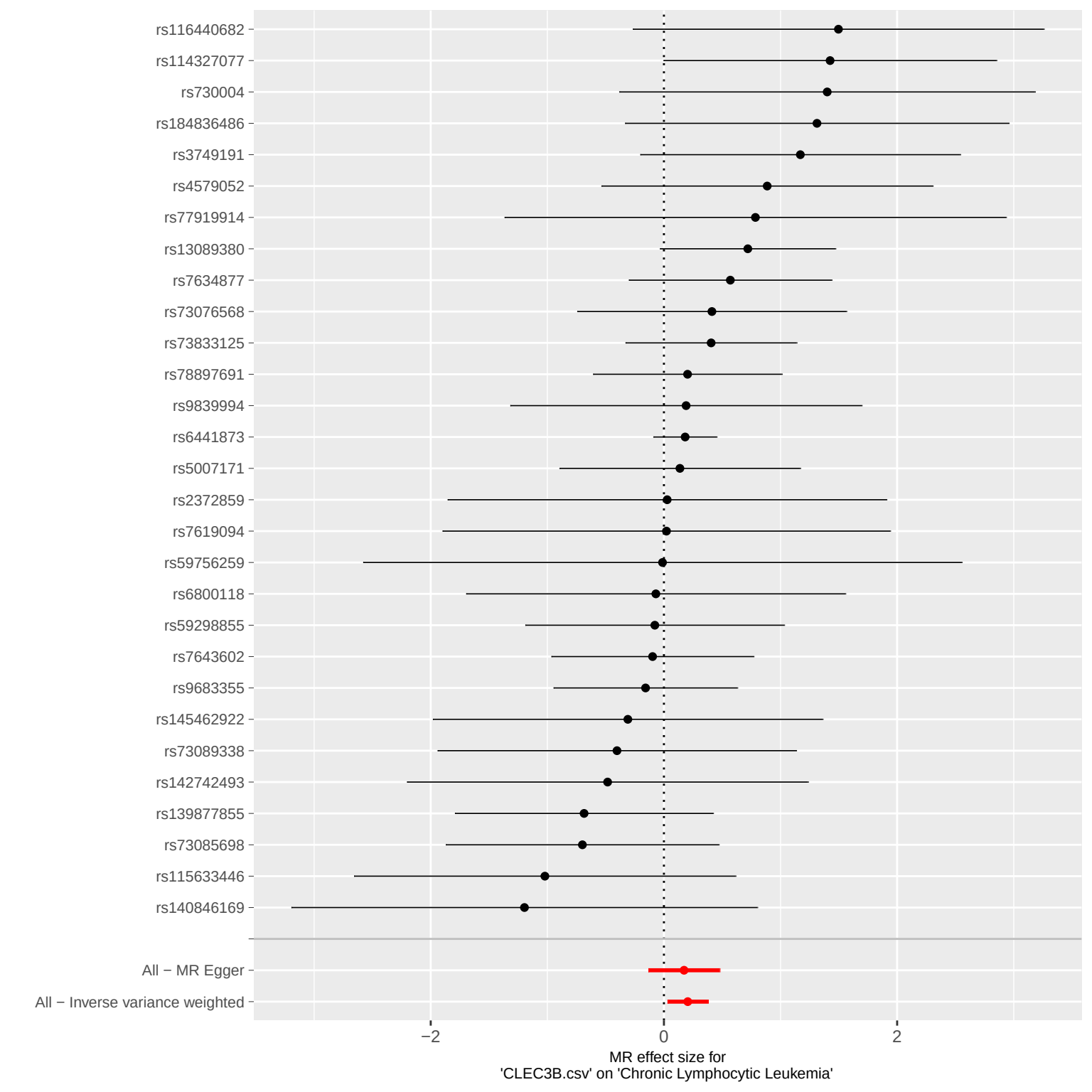
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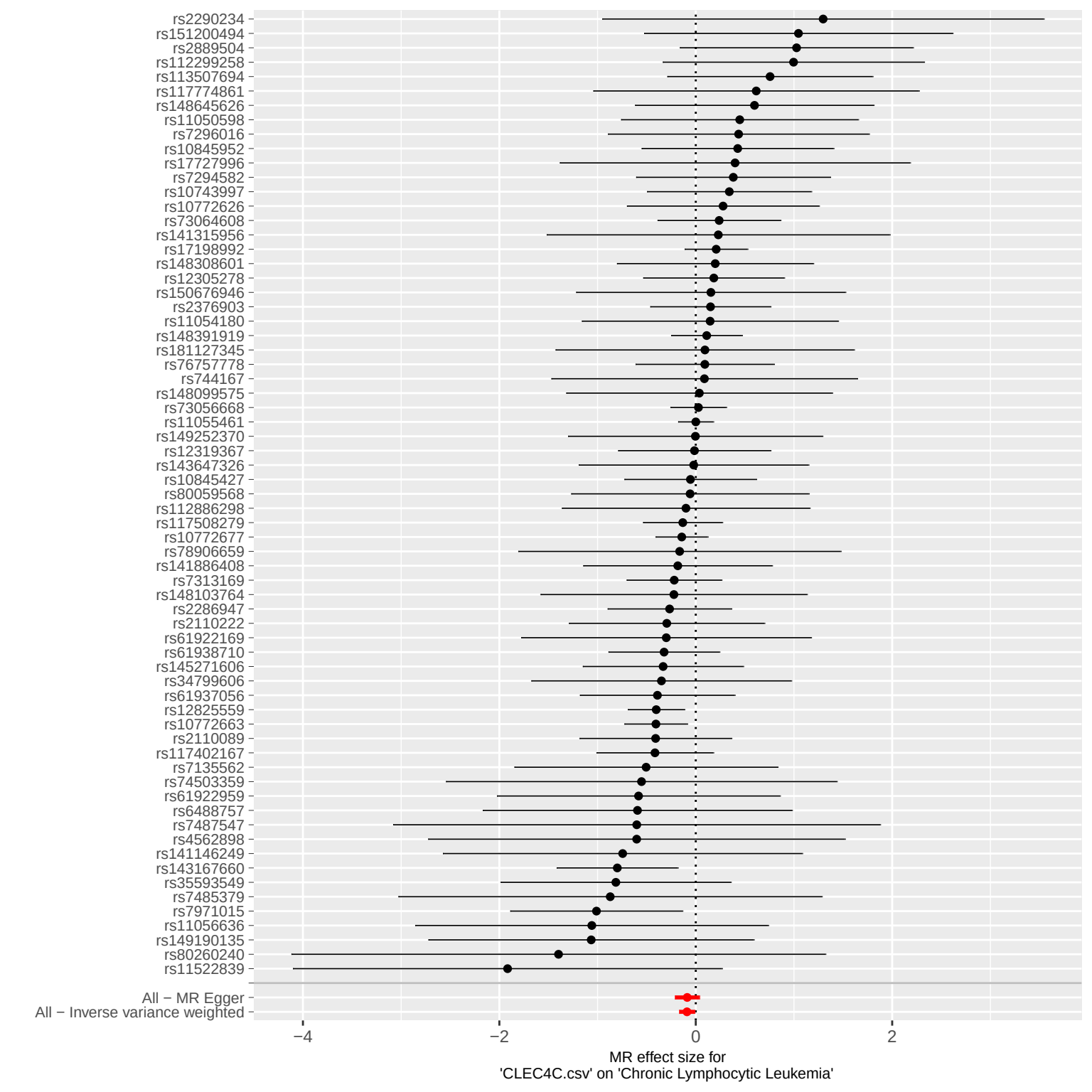
MR effect size for
'CLEC3B.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−2
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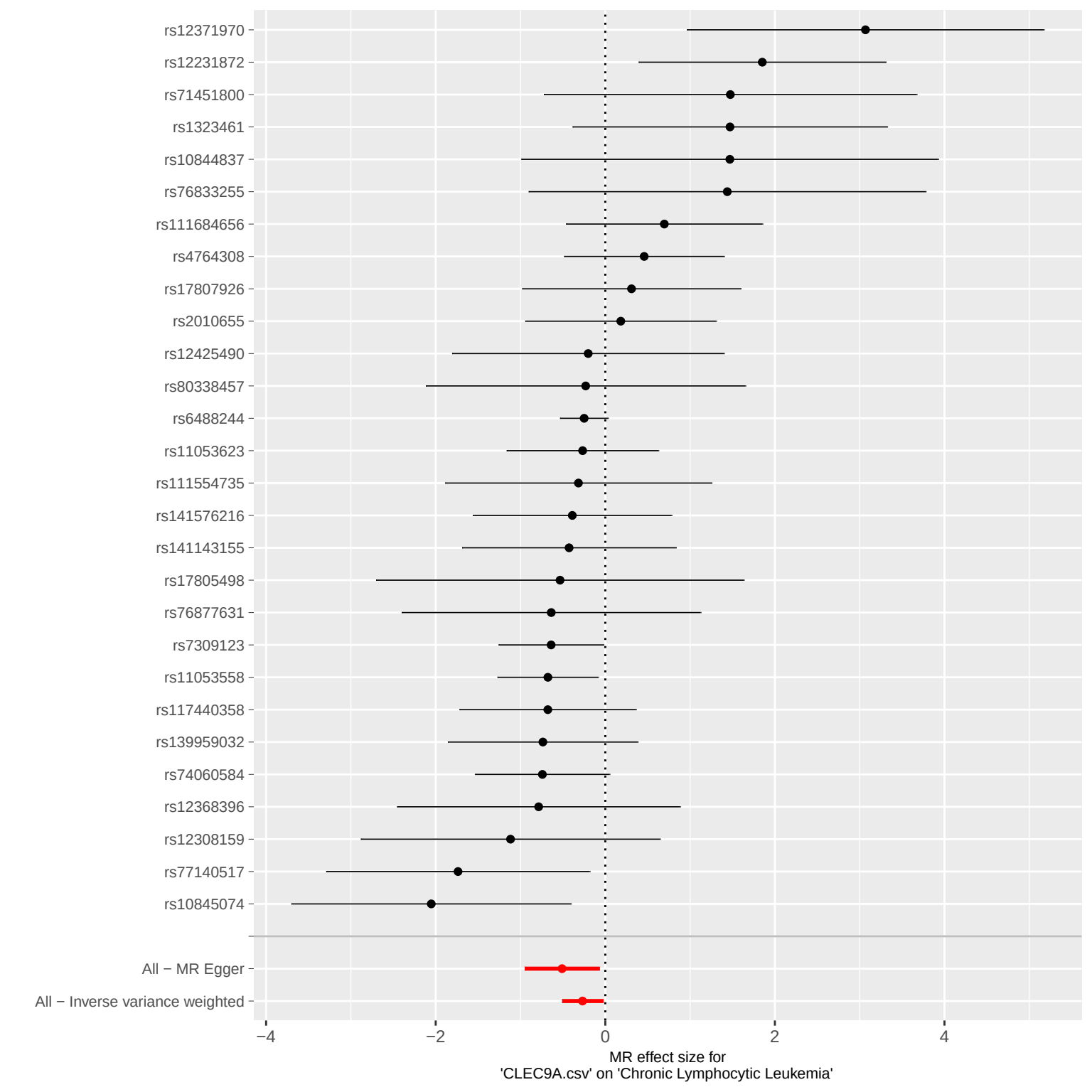
MR effect size for
'CLEC4C.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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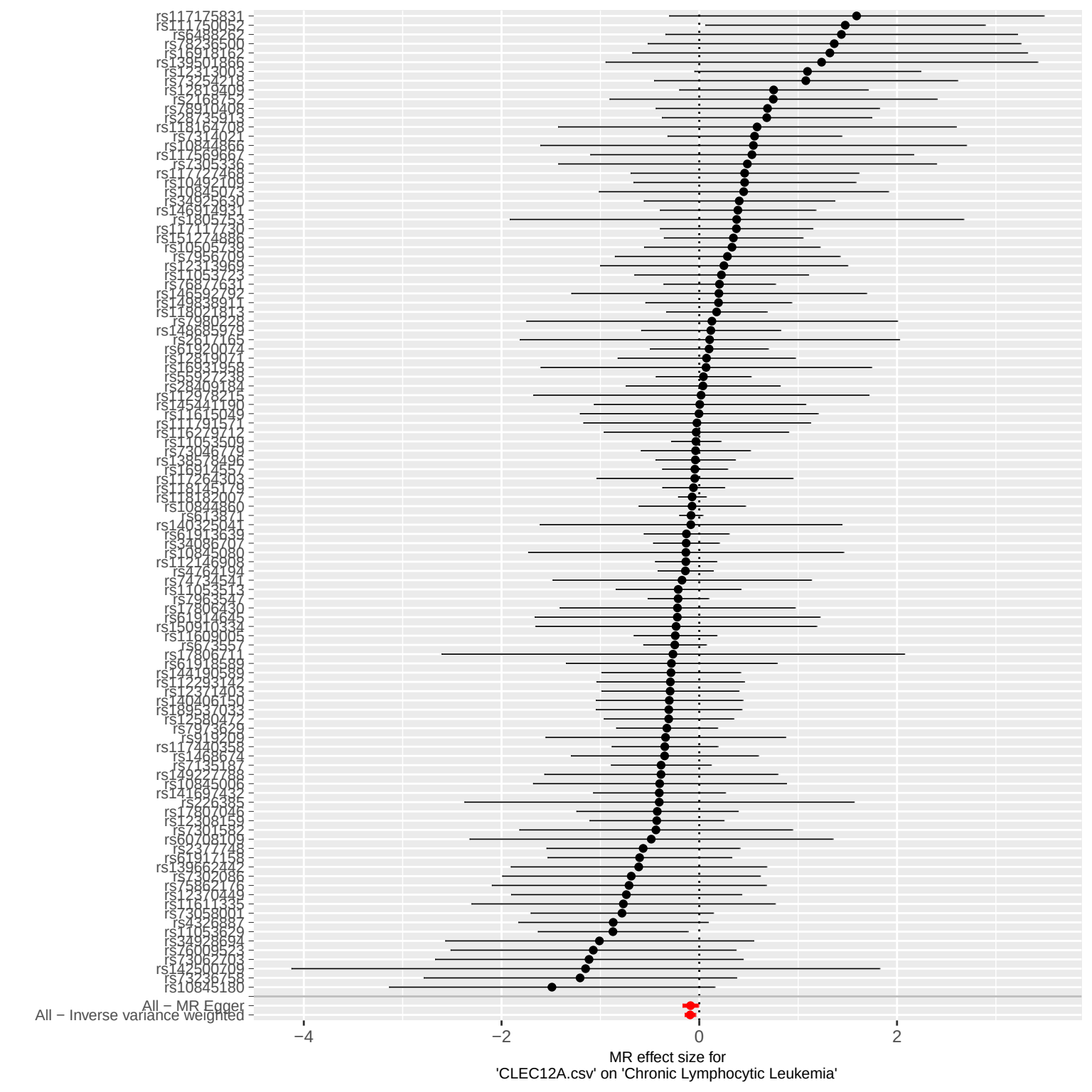
2
4
MR effect size for
'CLEC9A.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−2
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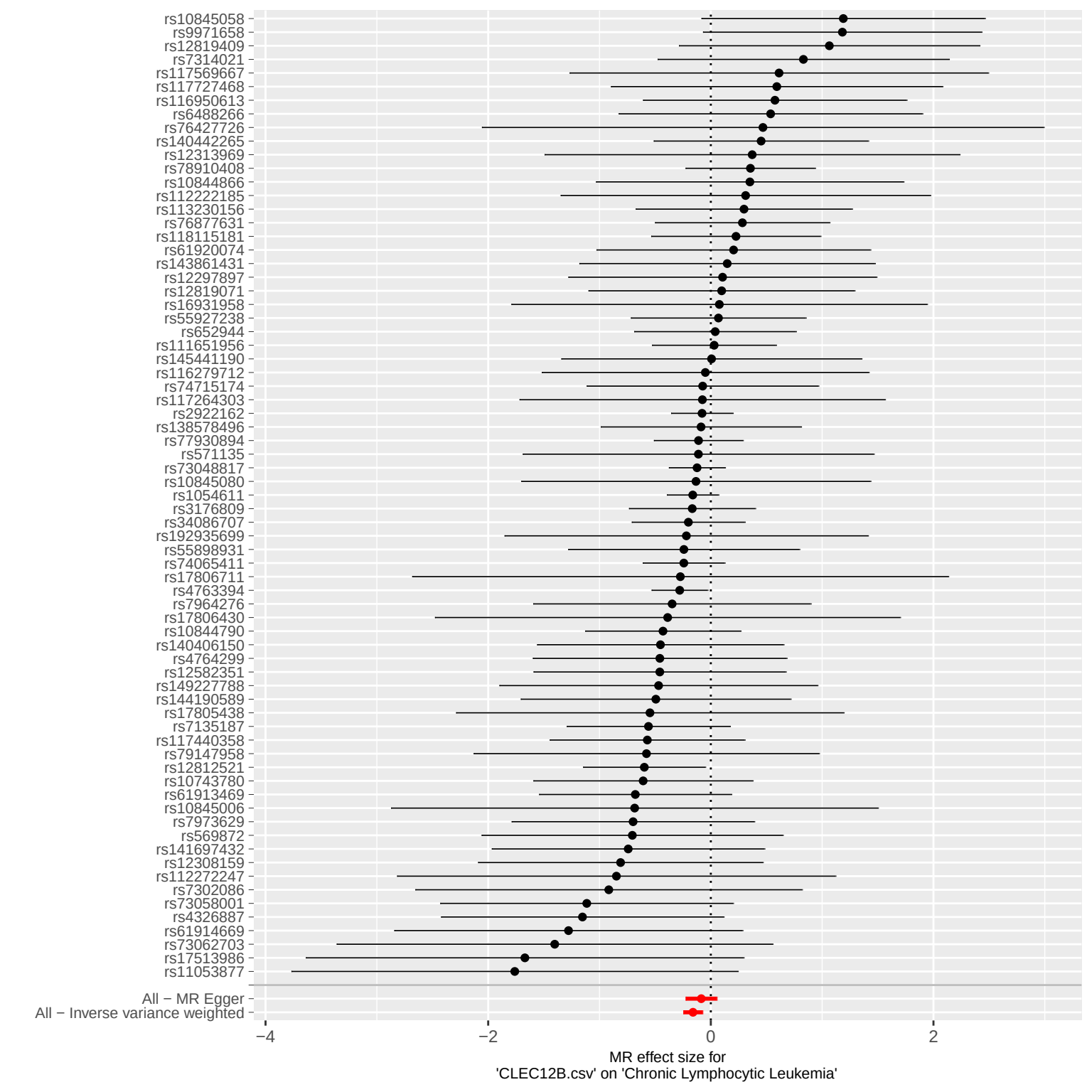
MR effect size for
'CLEC12A.csv' on 'Chronic Lymphocytic Leukemia'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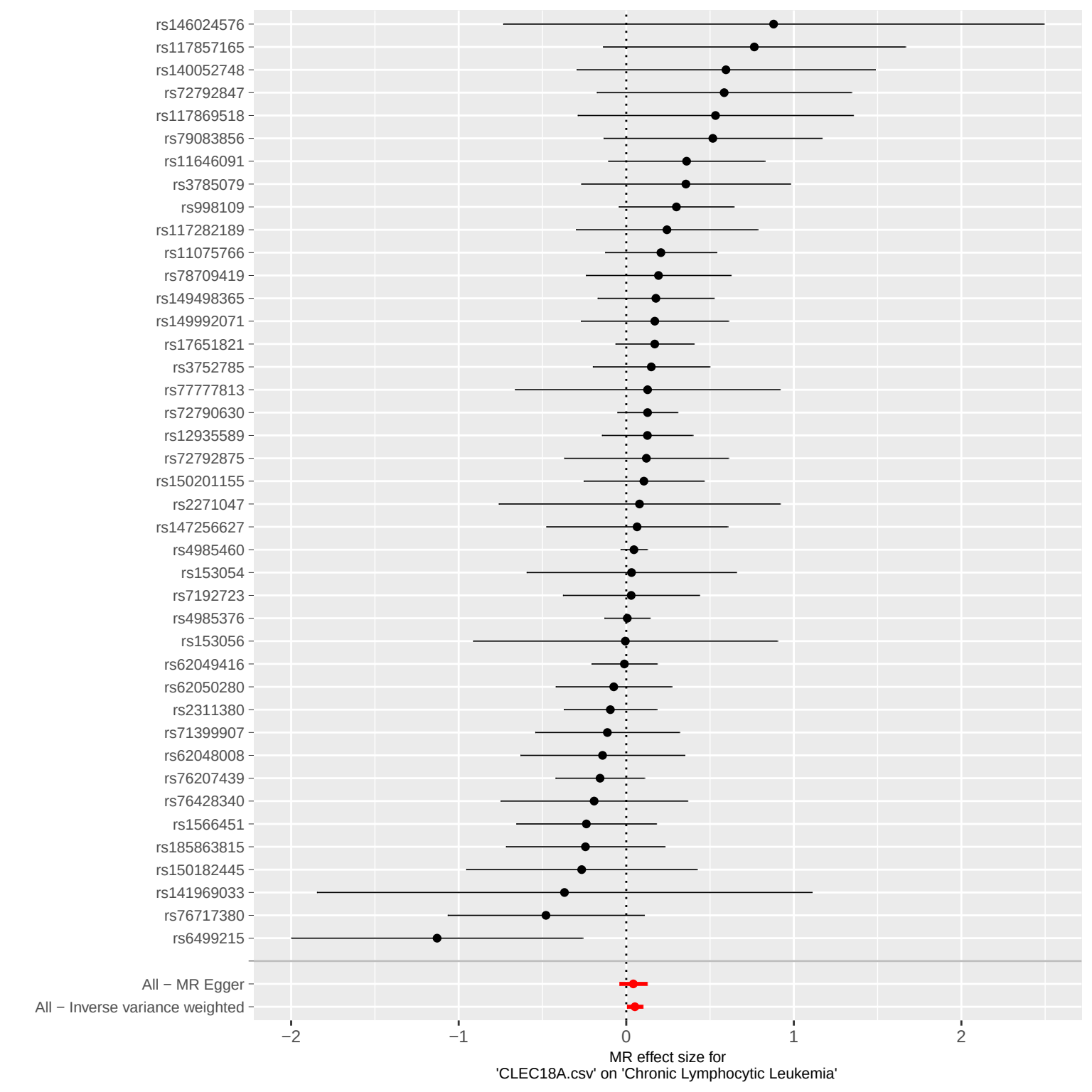
MR effect size for
'CLEC12B.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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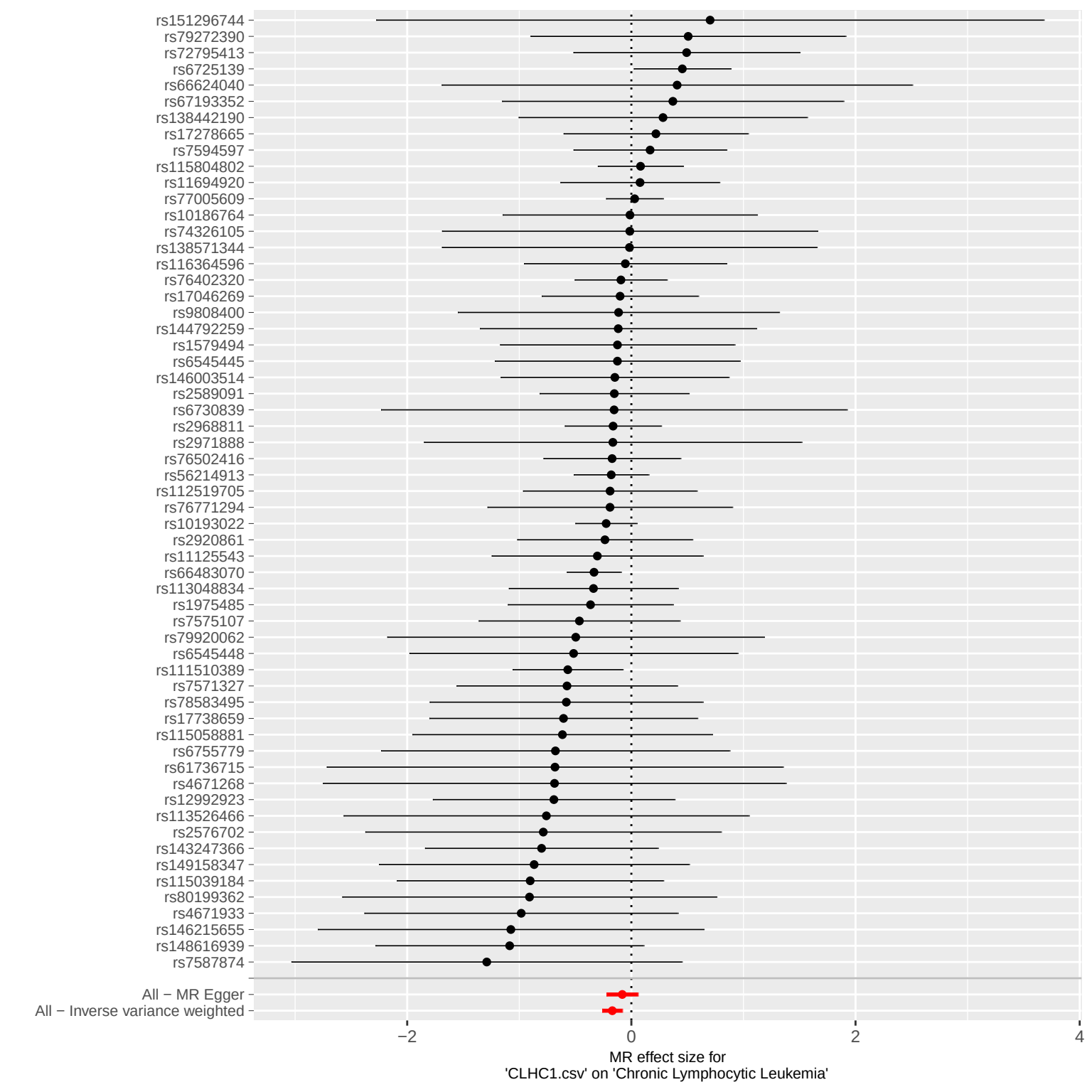
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All − Inverse variance weighted
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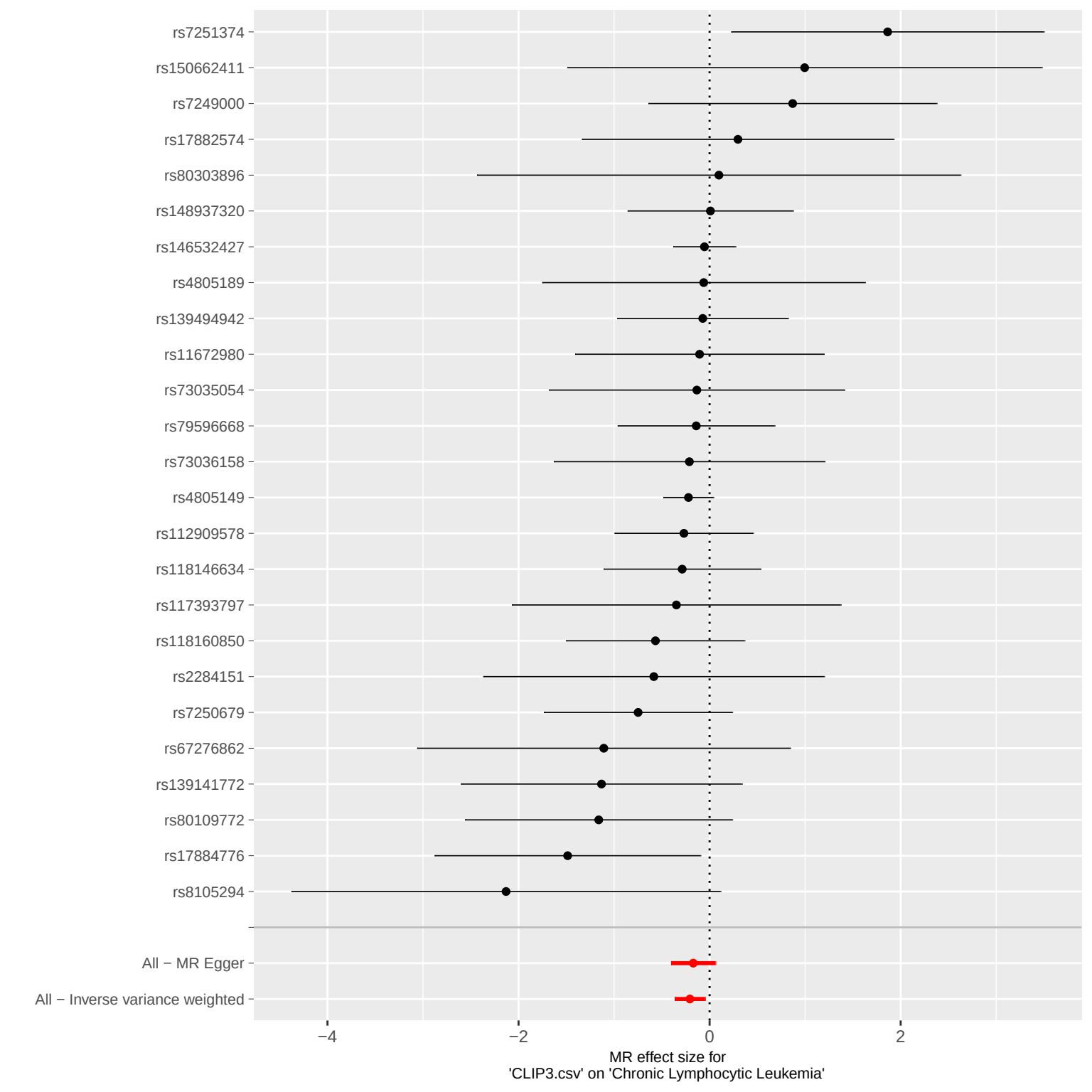
4
MR effect size for
'CLHC1.csv' on 'Chronic Lymphocytic Leukemia'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rs7250679
rs67276862
rs139141772
rs80109772
rs17884776
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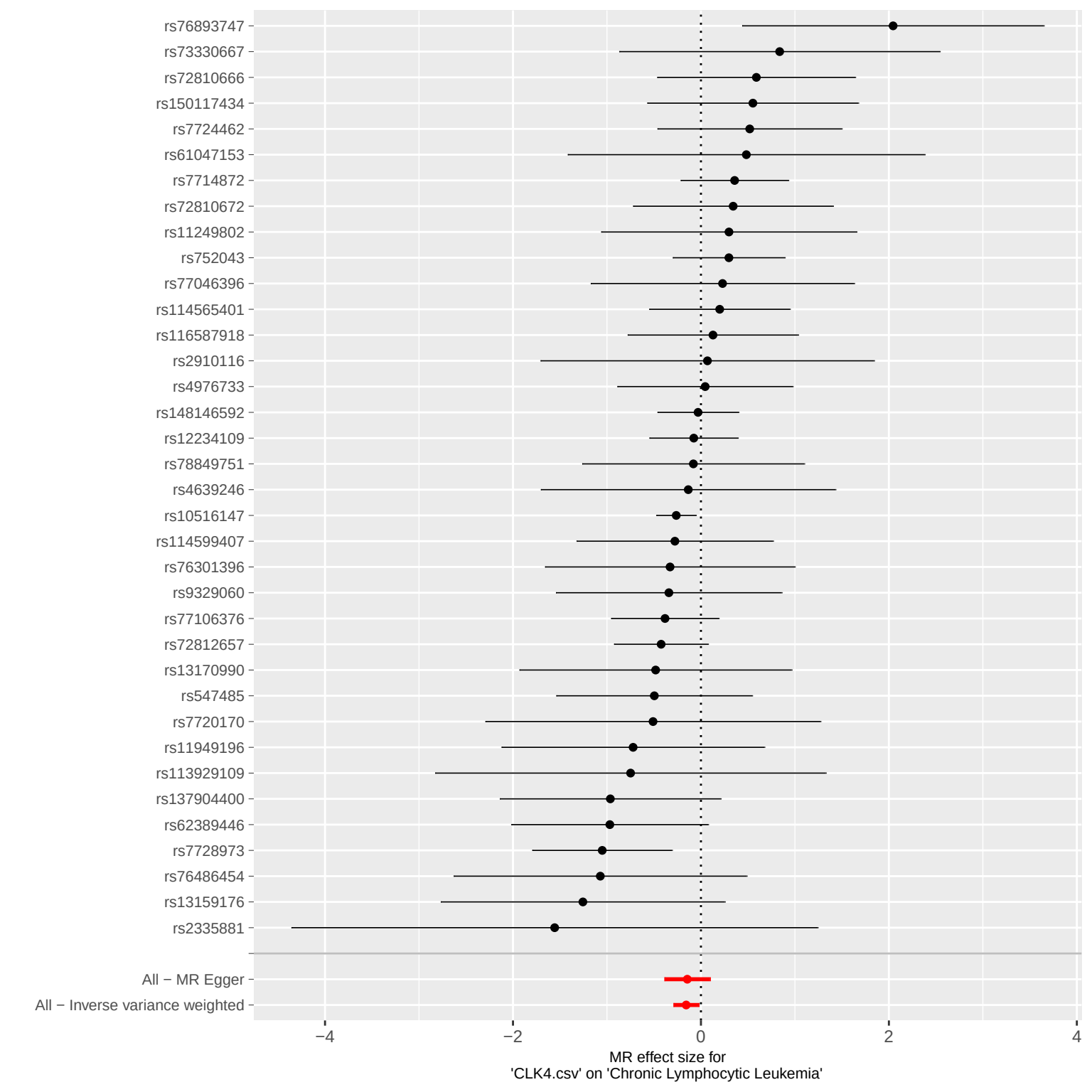
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CLIP3.csv' on 'Chronic Lymphocytic Leukemia'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rs7720170
rs11949196
rs113929109
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rs62389446
rs7728973
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rs13159176
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All − MR Egger
All − Inverse variance weighted
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−2
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2
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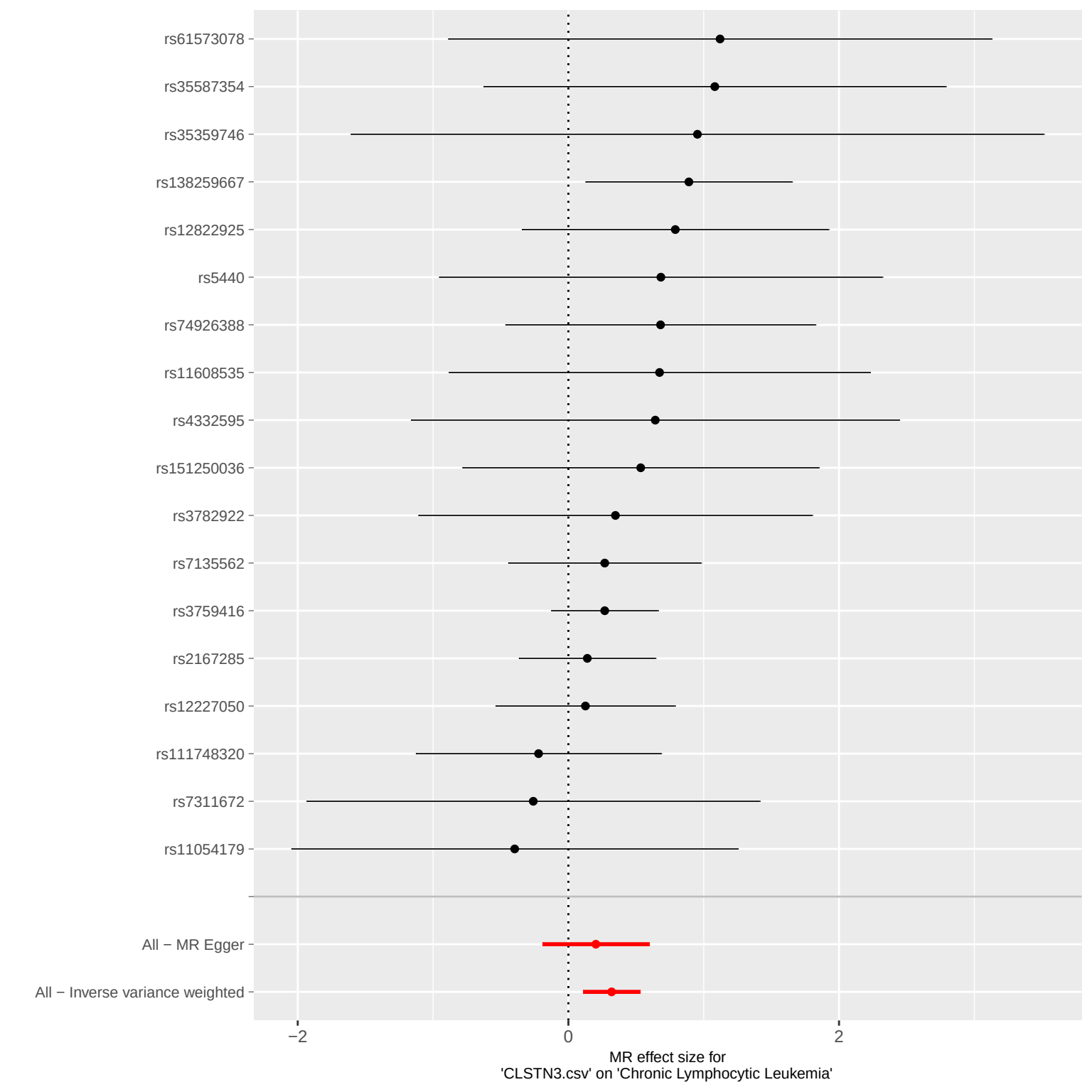
MR effect size for
'CLK4.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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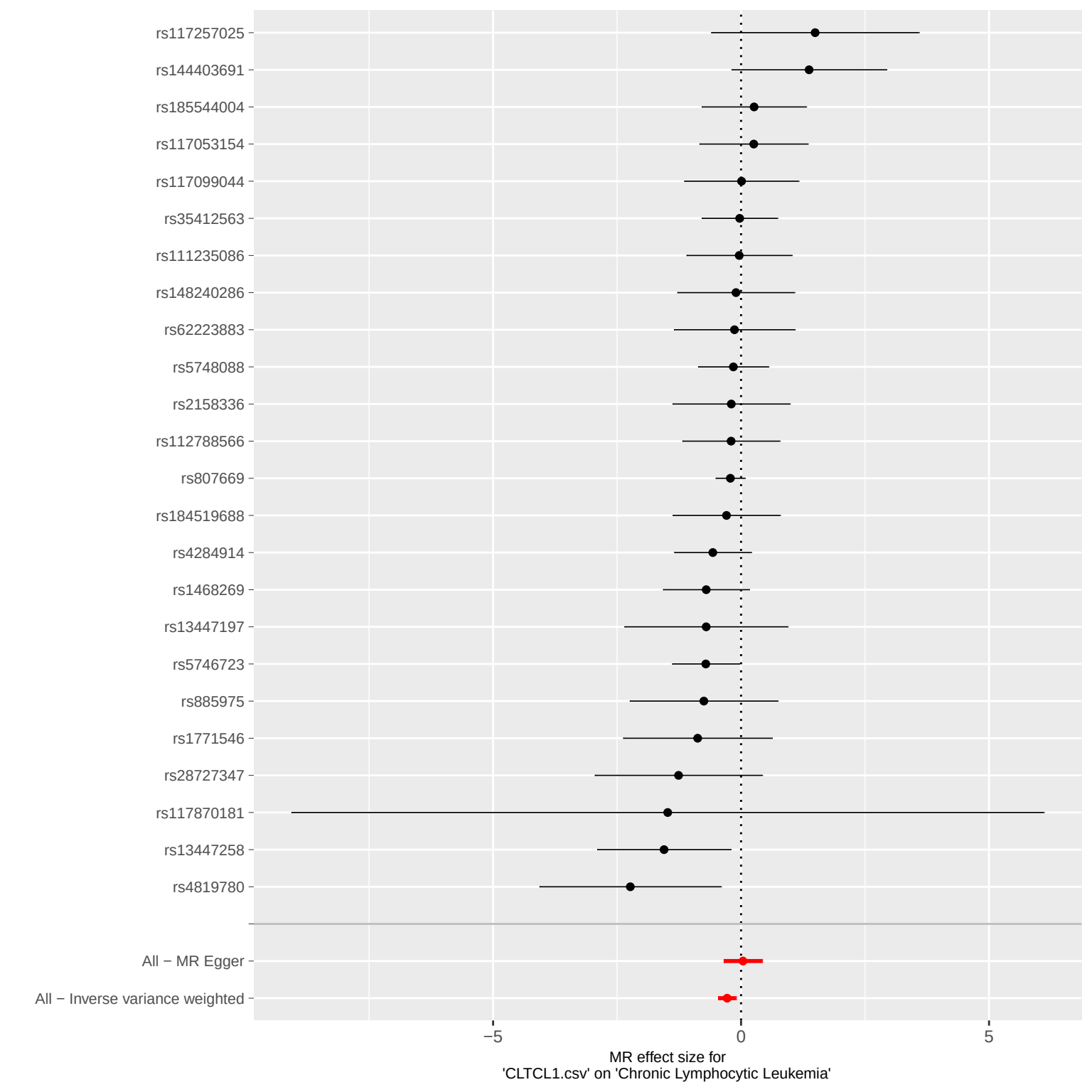
2
MR effect size for
'CLSTN3.csv' on 'Chronic Lymphocytic Leukemia'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rs13447197
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rs885975
rs1771546
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All − MR Egger
All − Inverse variance weighted
−5
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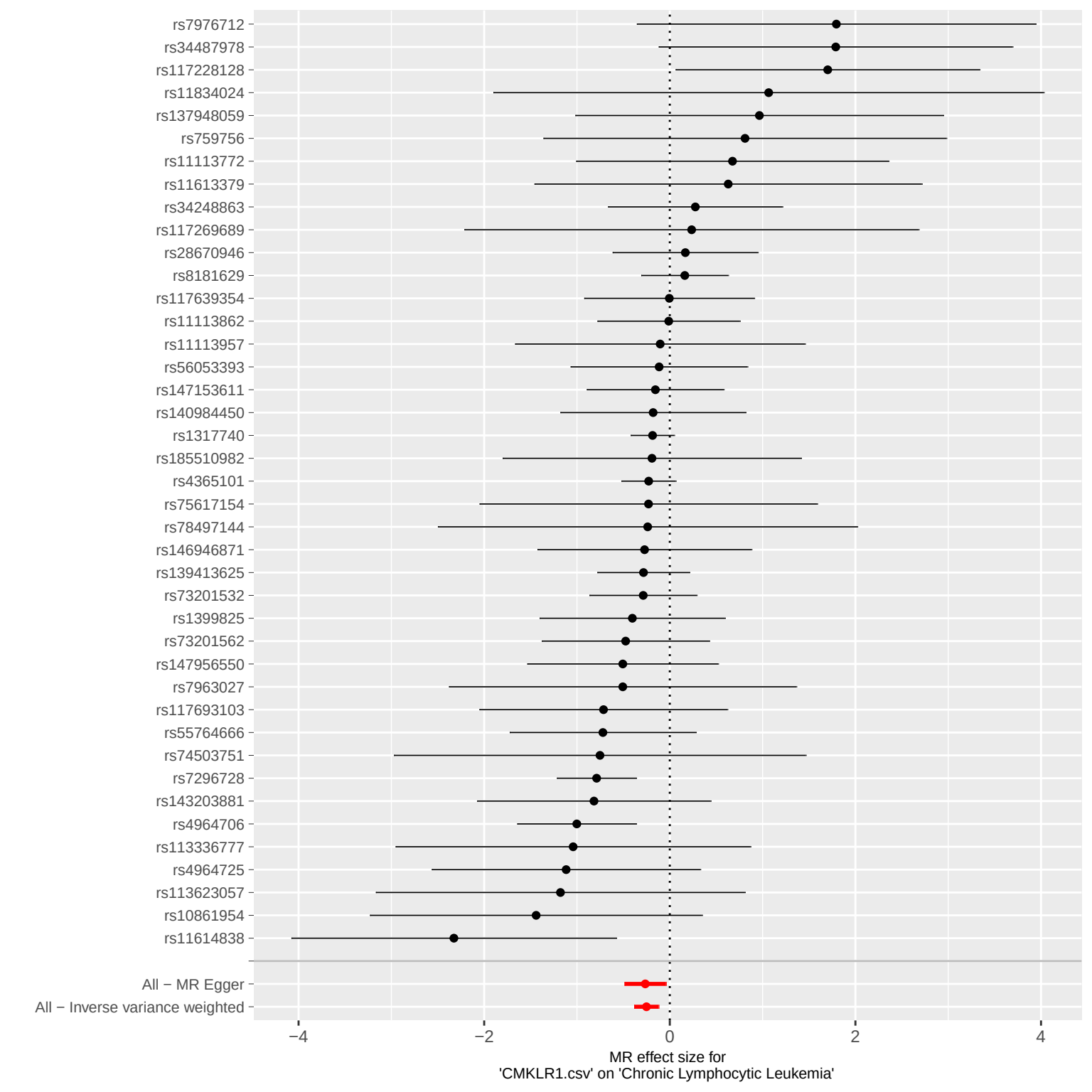
MR effect size for
'CLTCL1.csv' on 'Chronic Lymphocytic Leukemia'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rs185510982
rs4365101
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All − MR Egger
All − Inverse variance weighted
−4
−2
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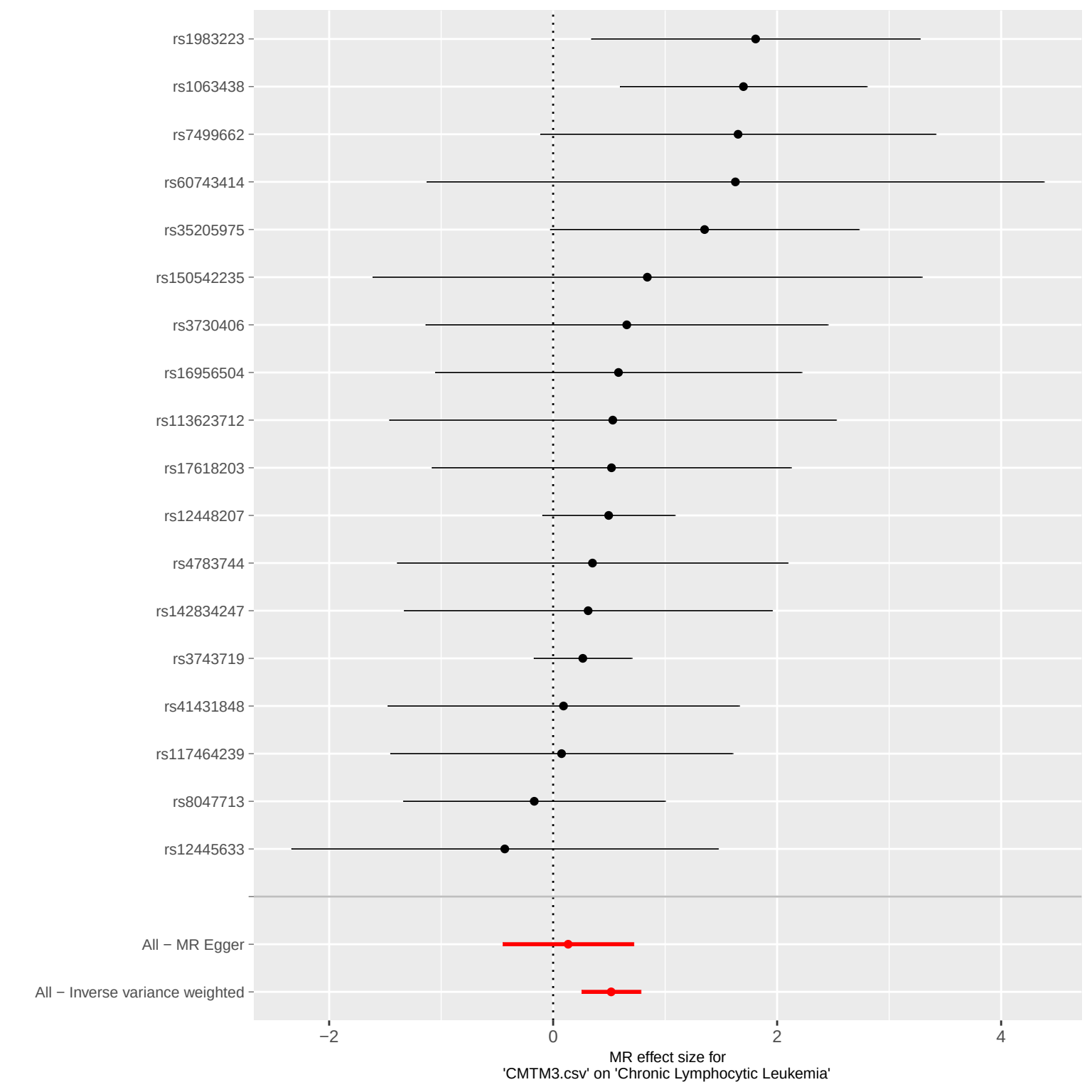
2
4
MR effect size for
'CMKLR1.csv' on 'Chronic Lymphocytic Leukemia'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rs3743719
rs41431848
rs117464239
rs8047713
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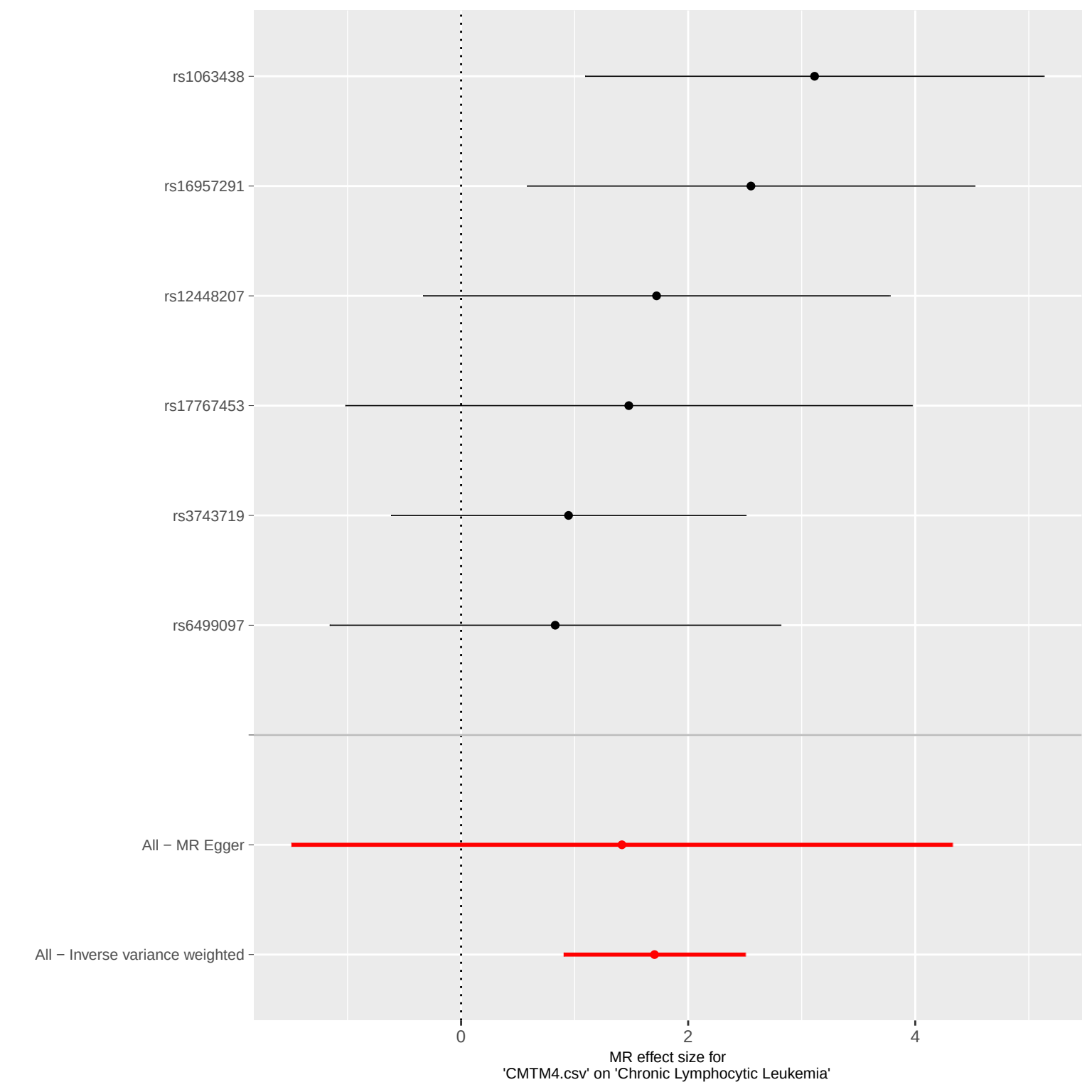
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'CMTM3.csv' on 'Chronic Lymphocytic Leukemia'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rs16957291
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All − MR Egger
All − Inverse variance weighted
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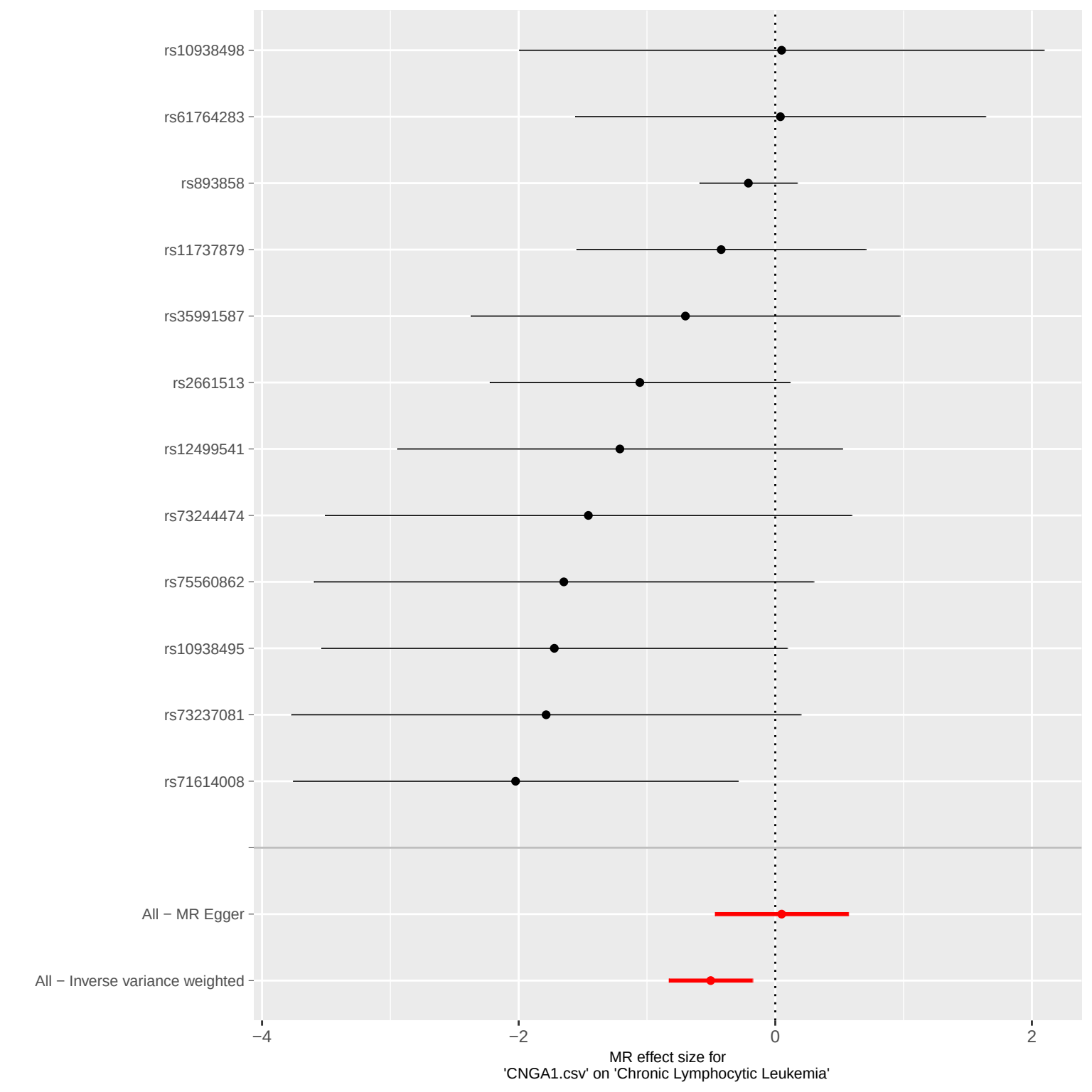
MR effect size for
'CMTM4.csv' on 'Chronic Lymphocytic Leukemia'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rs11737879
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rs12499541
rs73244474
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rs73237081
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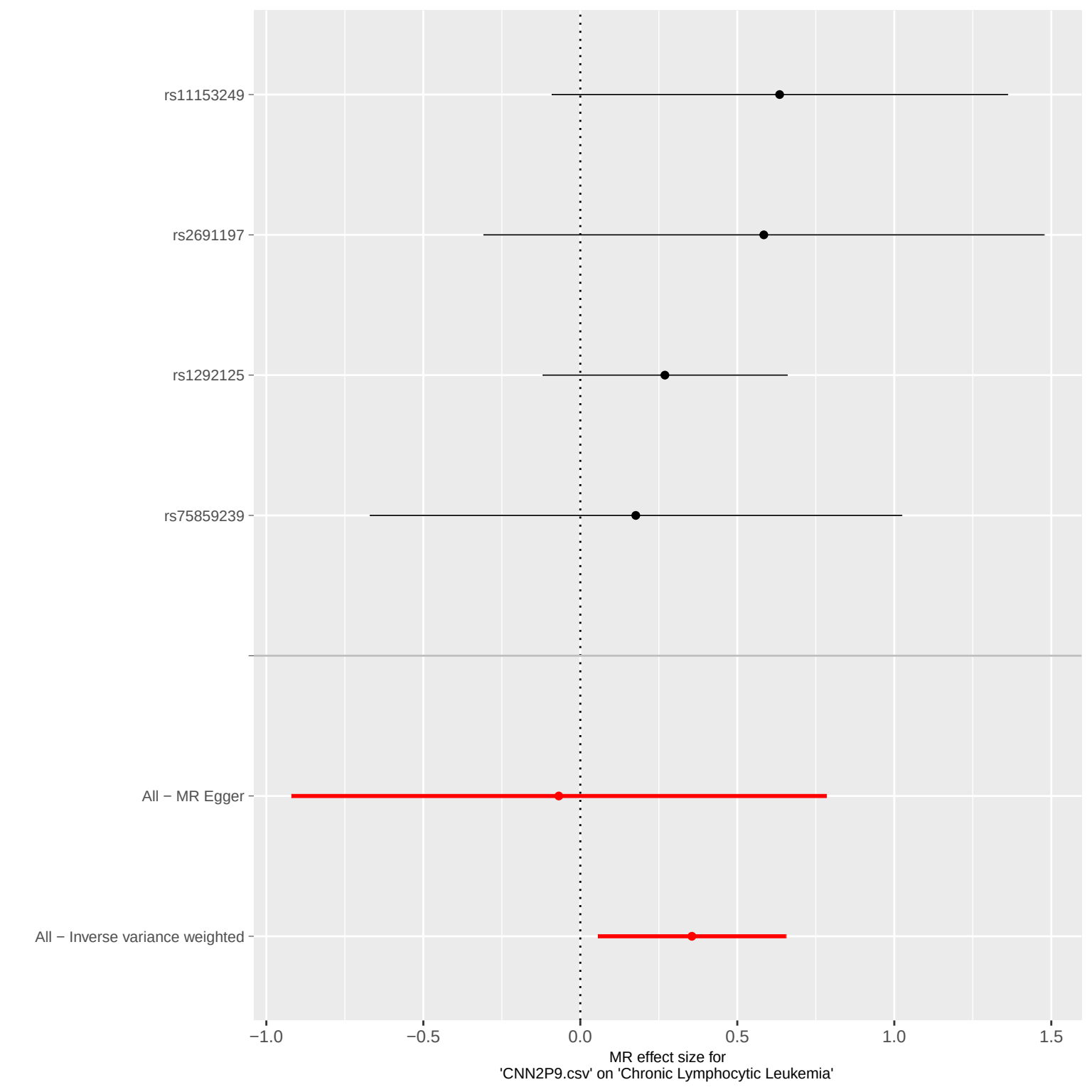
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CNGA1.csv' on 'Chronic Lymphocytic Leukemia'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rs1292125
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All − Inverse variance weighted
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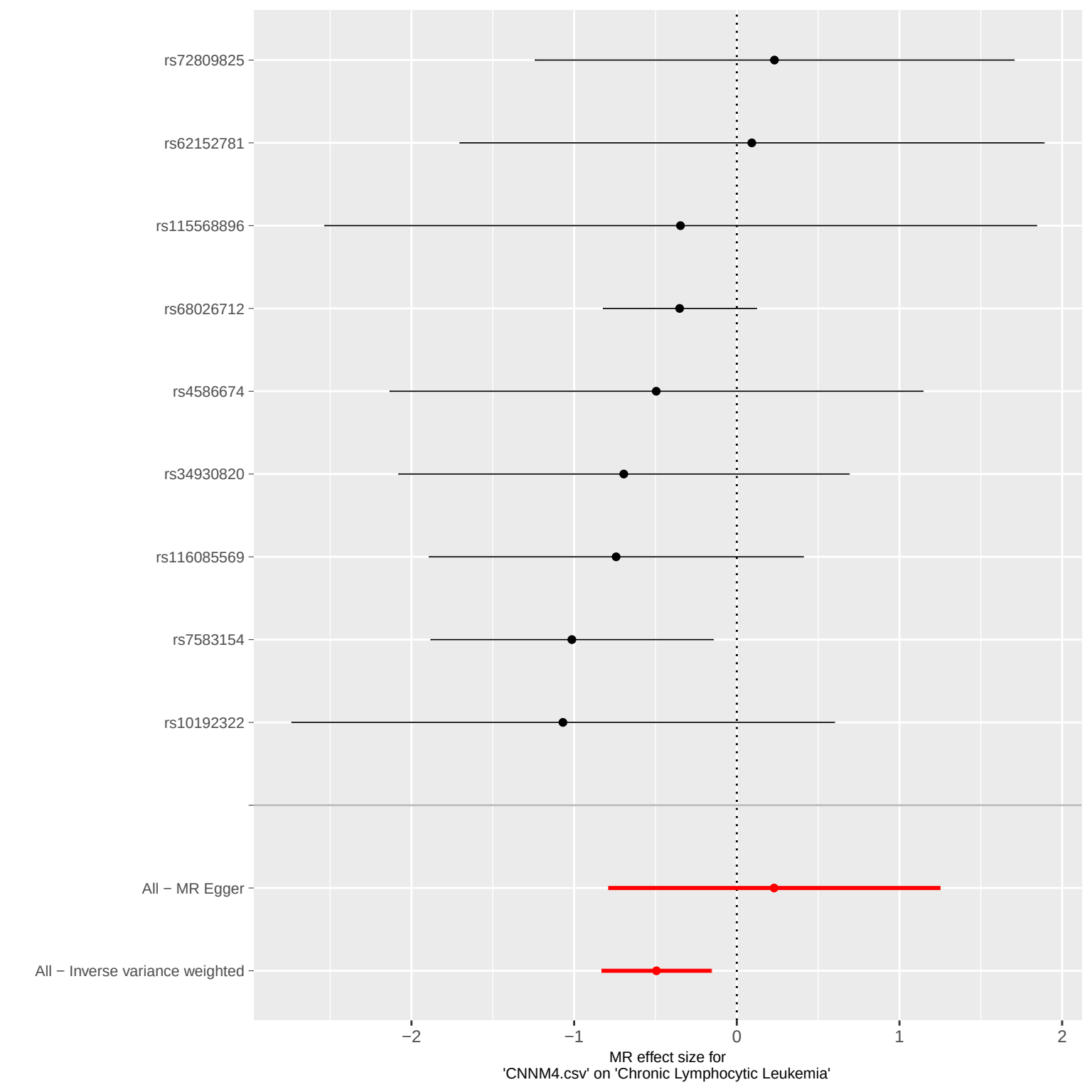
0.0
0.5
1.0
1.5
MR effect size for
'CNN2P9.csv' on 'Chronic Lymphocytic Leukemia'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rs34930820
rs116085569
rs7583154
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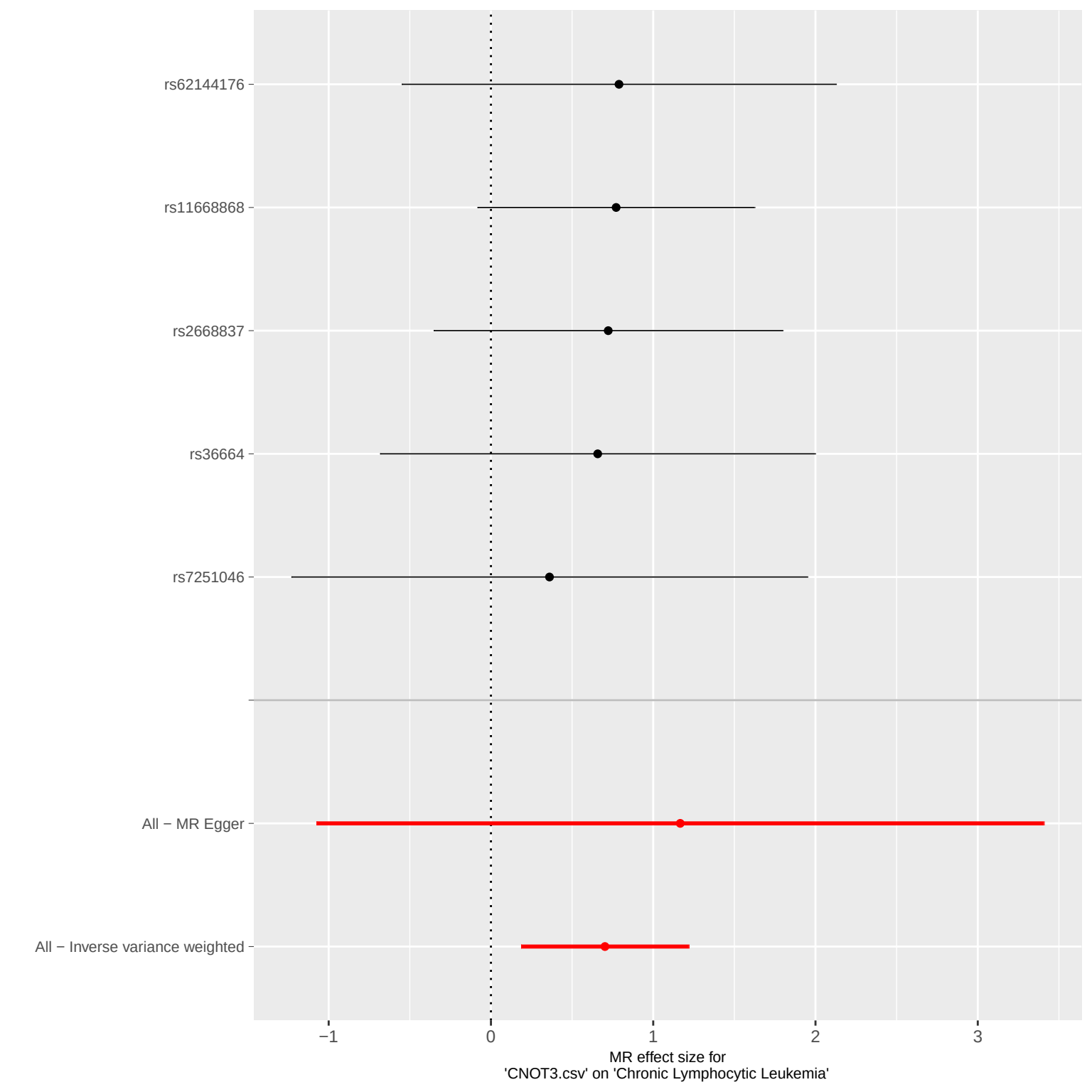
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'CNNM4.csv' on 'Chronic Lymphocytic Leukemia'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rs36664
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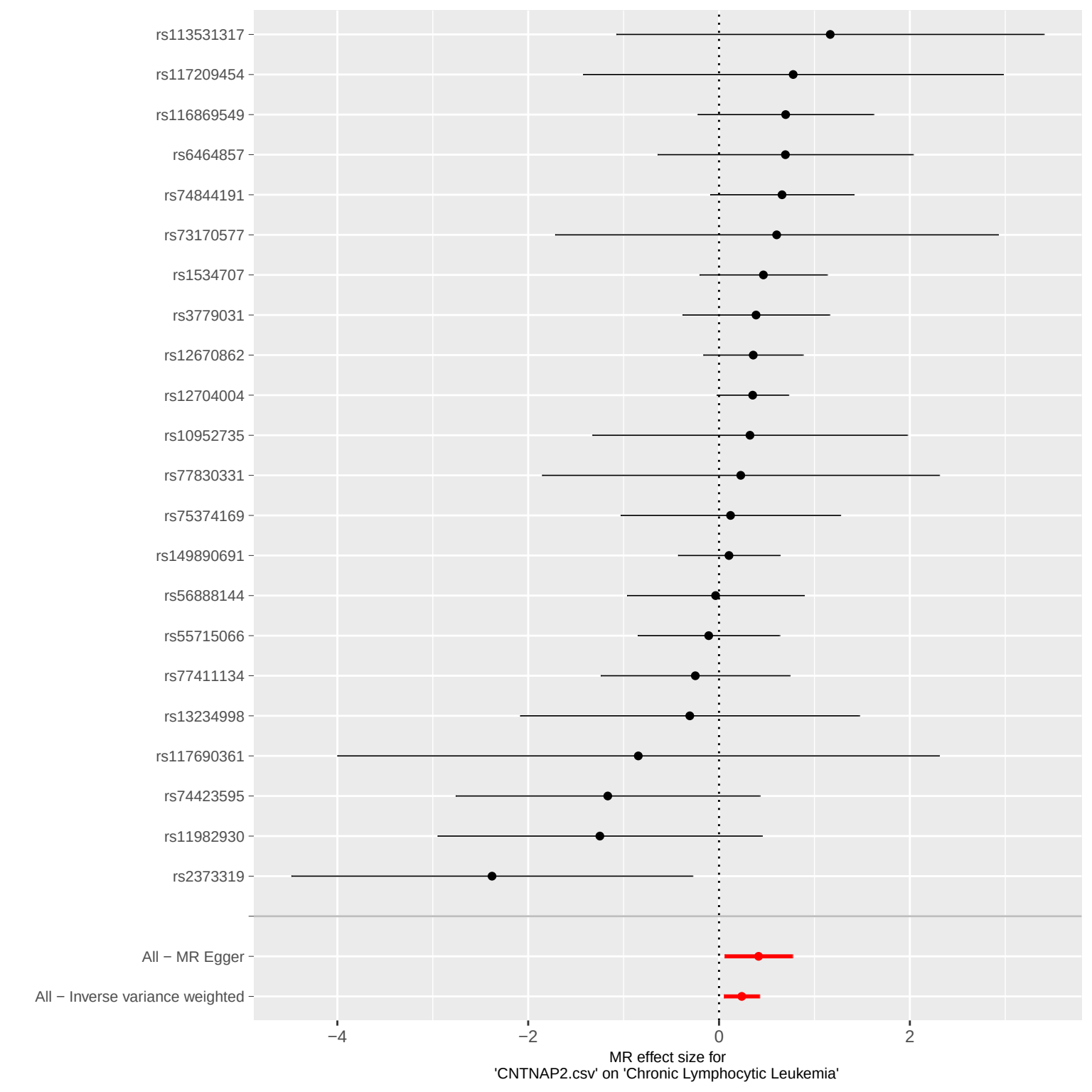
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'CNOT3.csv' on 'Chronic Lymphocytic Leukemia'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rs77411134
rs13234998
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rs74423595
rs11982930
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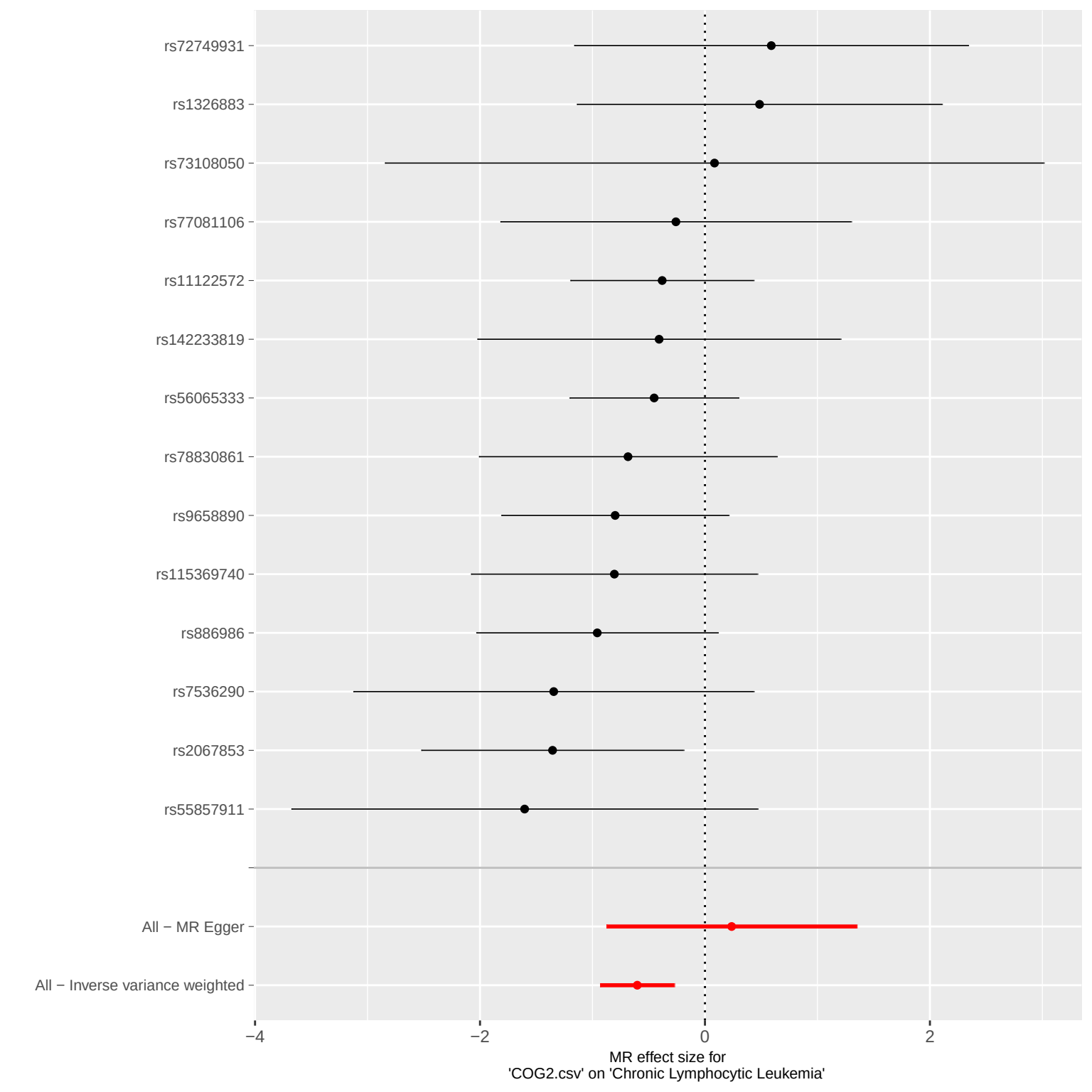
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CNTNAP2.csv' on 'Chronic Lymphocytic Leukemia'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rs115369740
rs886986
rs7536290
rs2067853
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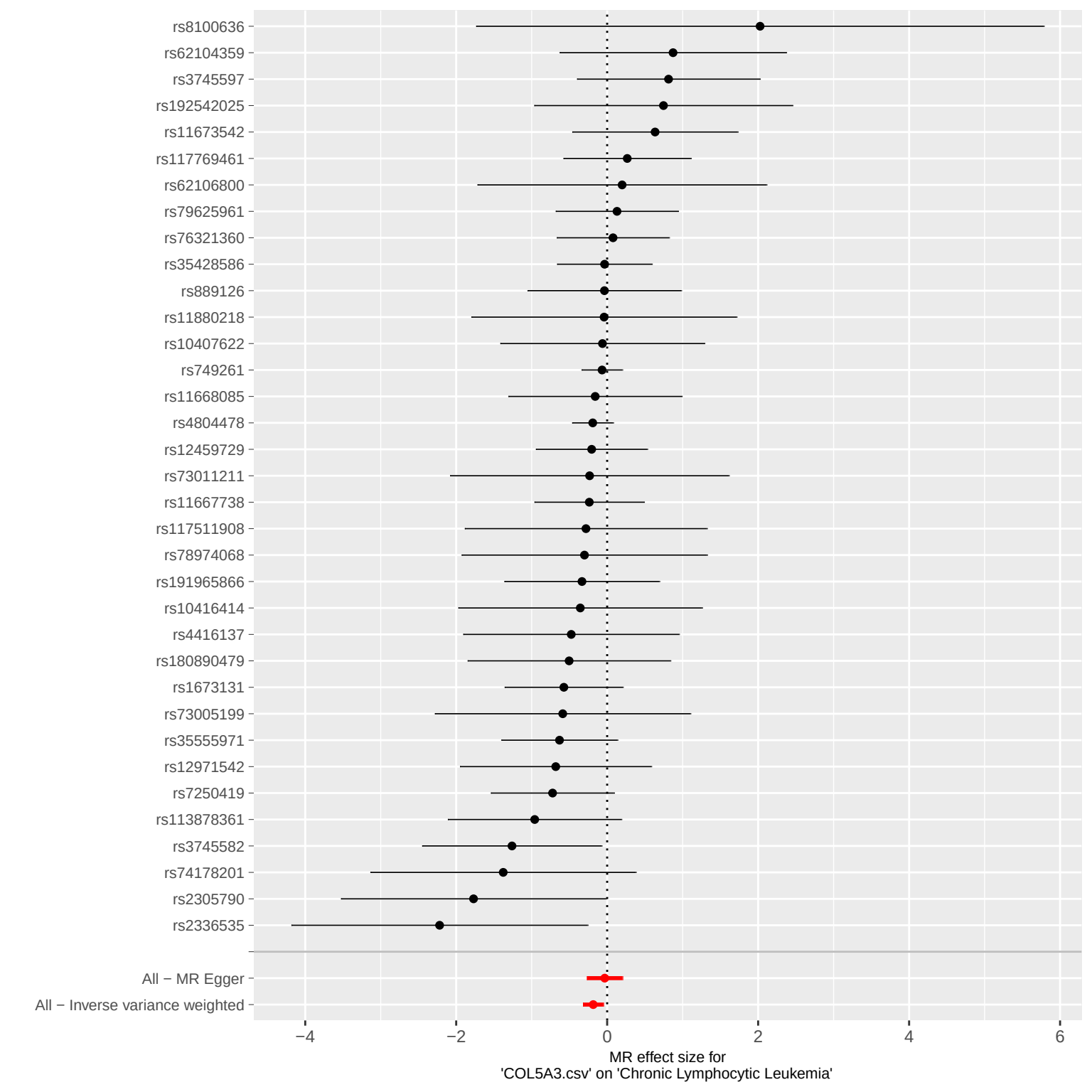
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'COG2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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−2
0
2
4
6
MR effect size for
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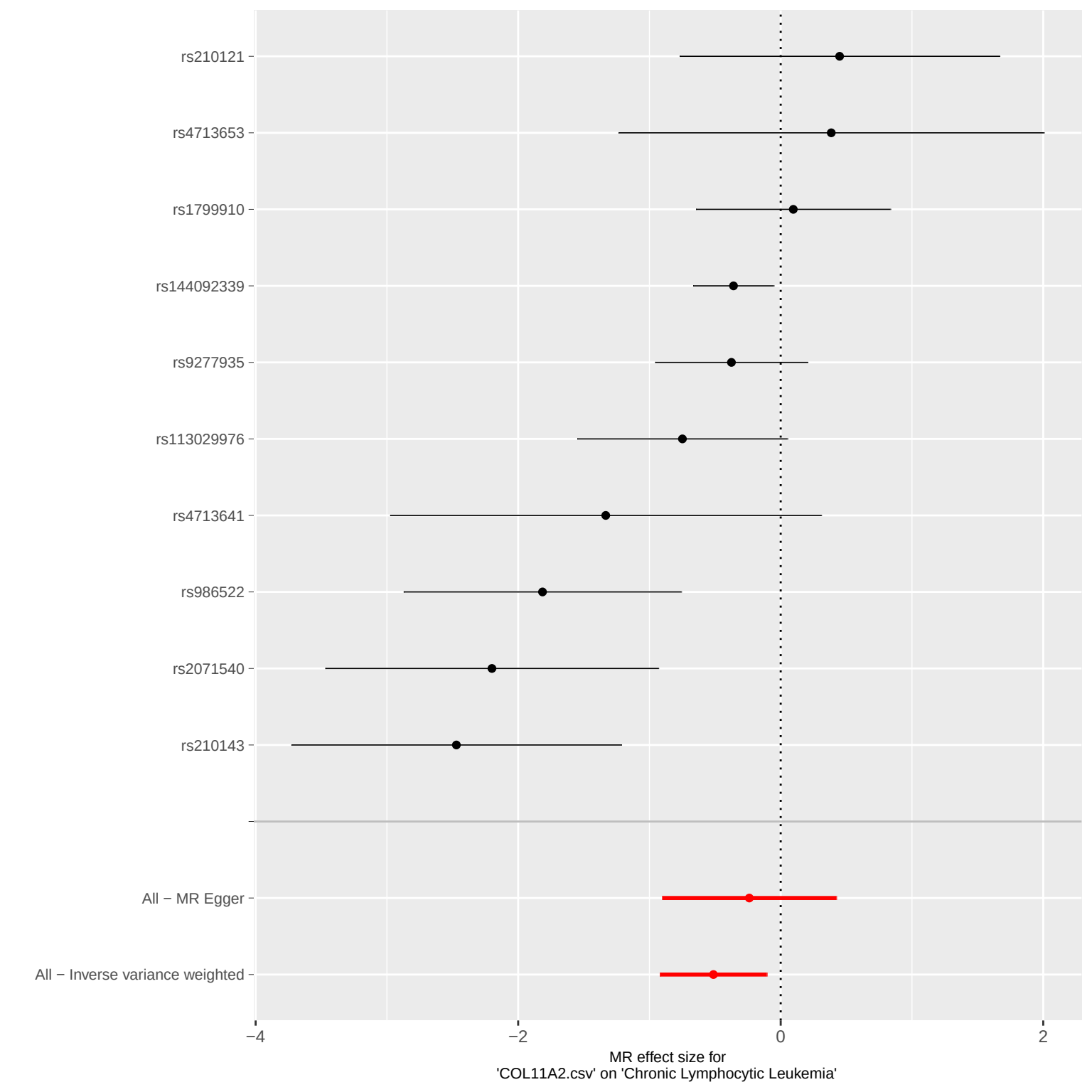
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All − MR Egger
All − Inverse variance weighted
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−2
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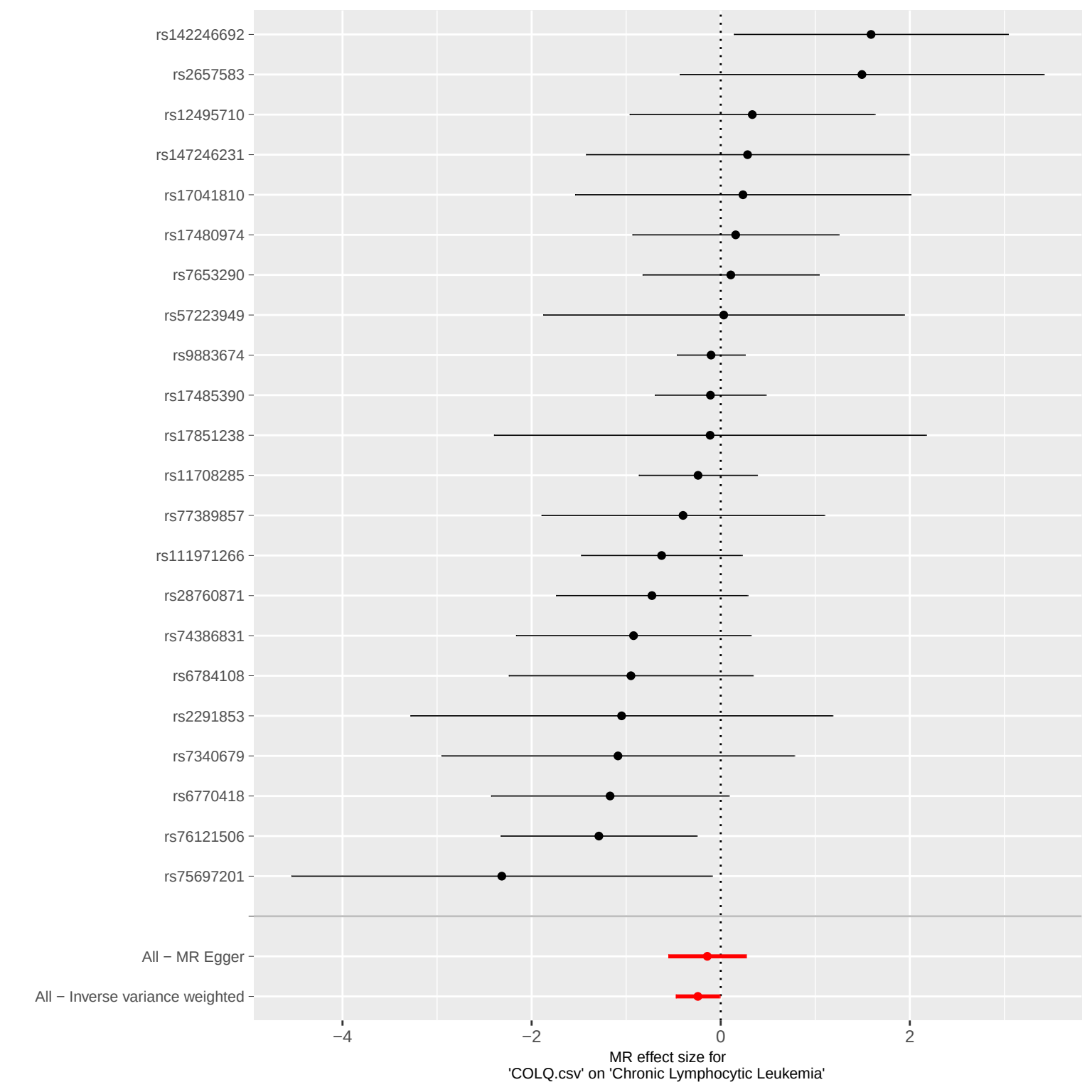
2
MR effect size for
'COL11A2.csv' on 'Chronic Lymphocytic Leukemia'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rs6784108
rs2291853
rs7340679
rs6770418
rs76121506
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All − Inverse variance weighted
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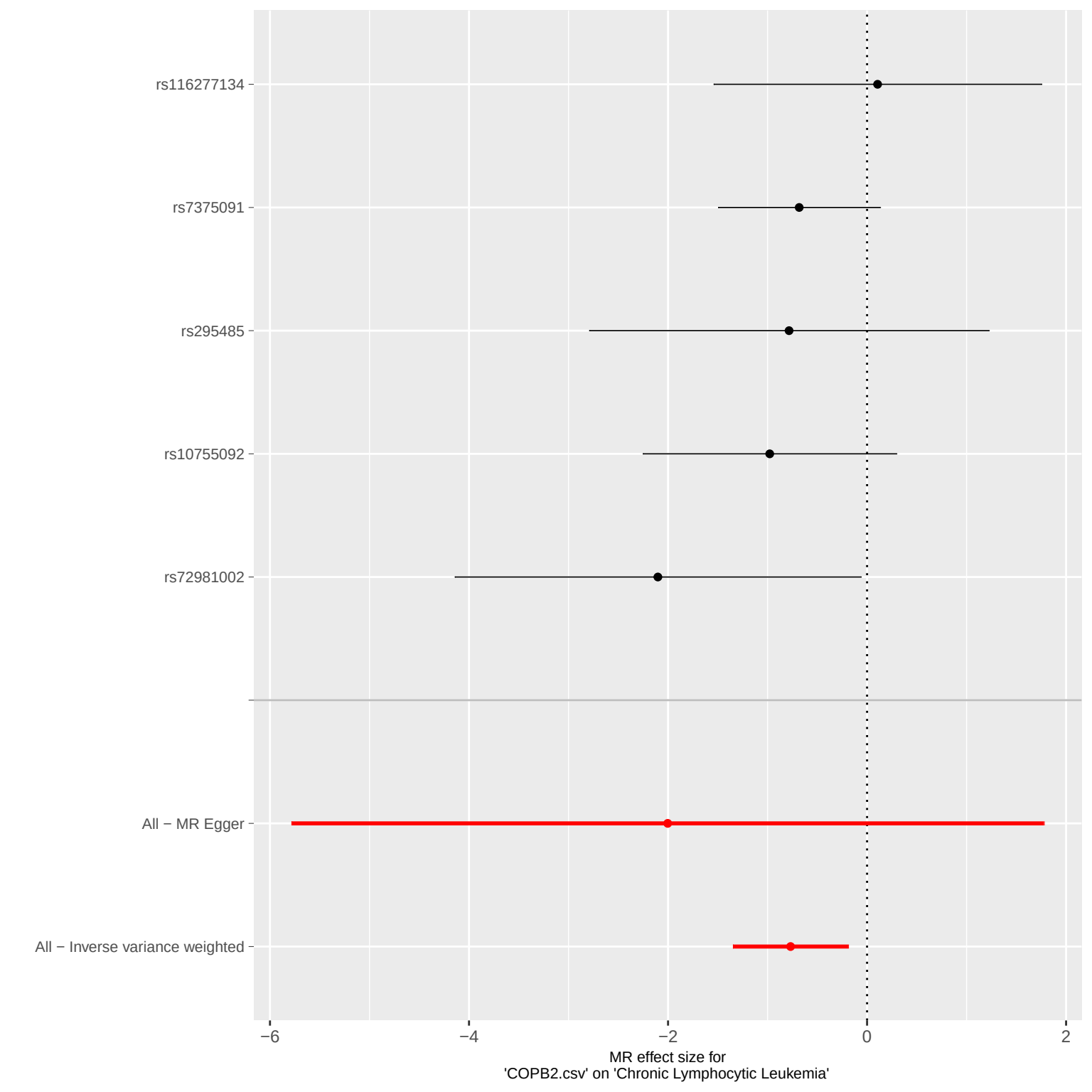
−2
0
2
MR effect size for
'COLQ.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−4
−2
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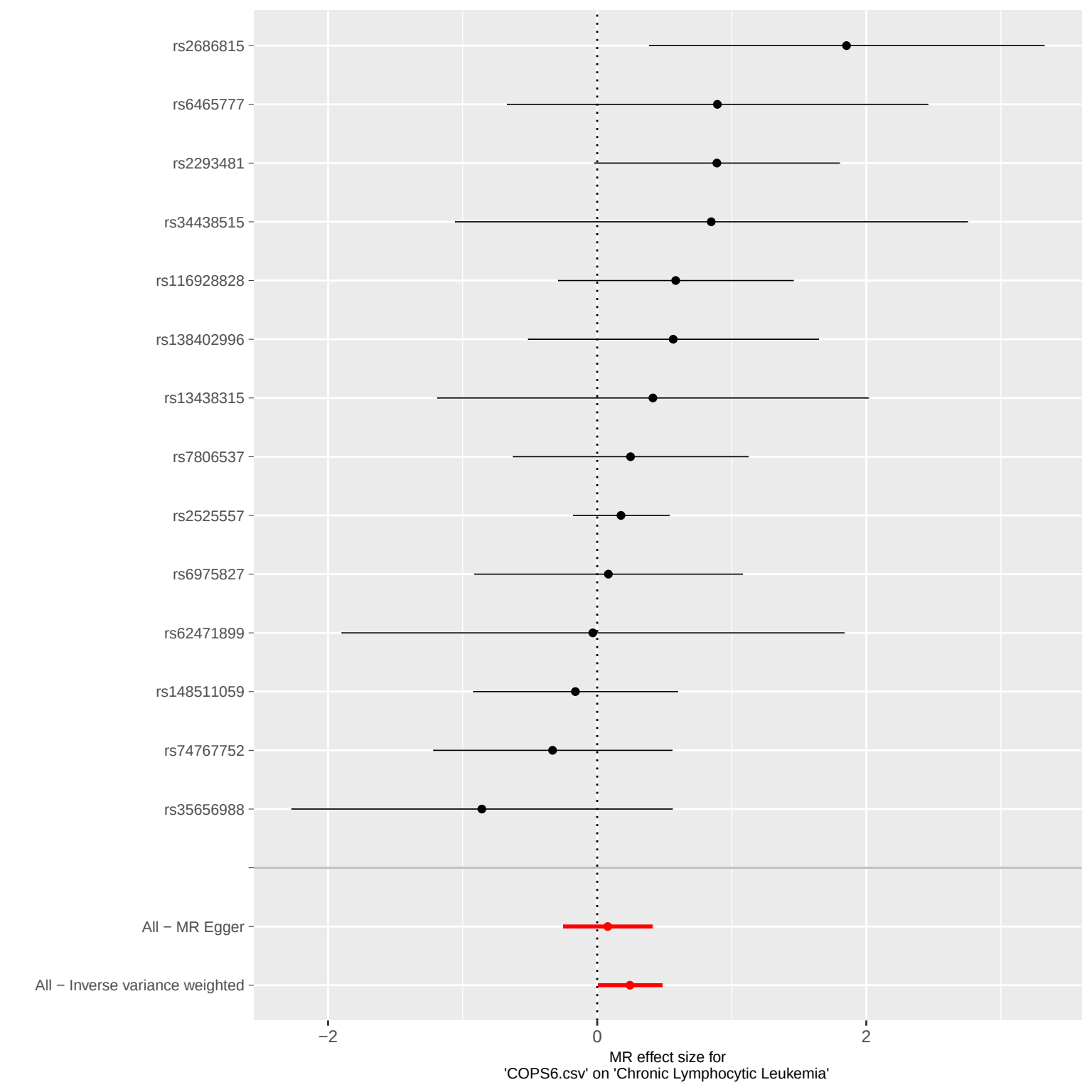
2
MR effect size for
'COPB2.csv' on 'Chronic Lymphocytic Leukemia'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rs74767752
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All − MR Egger
All − Inverse variance weighted
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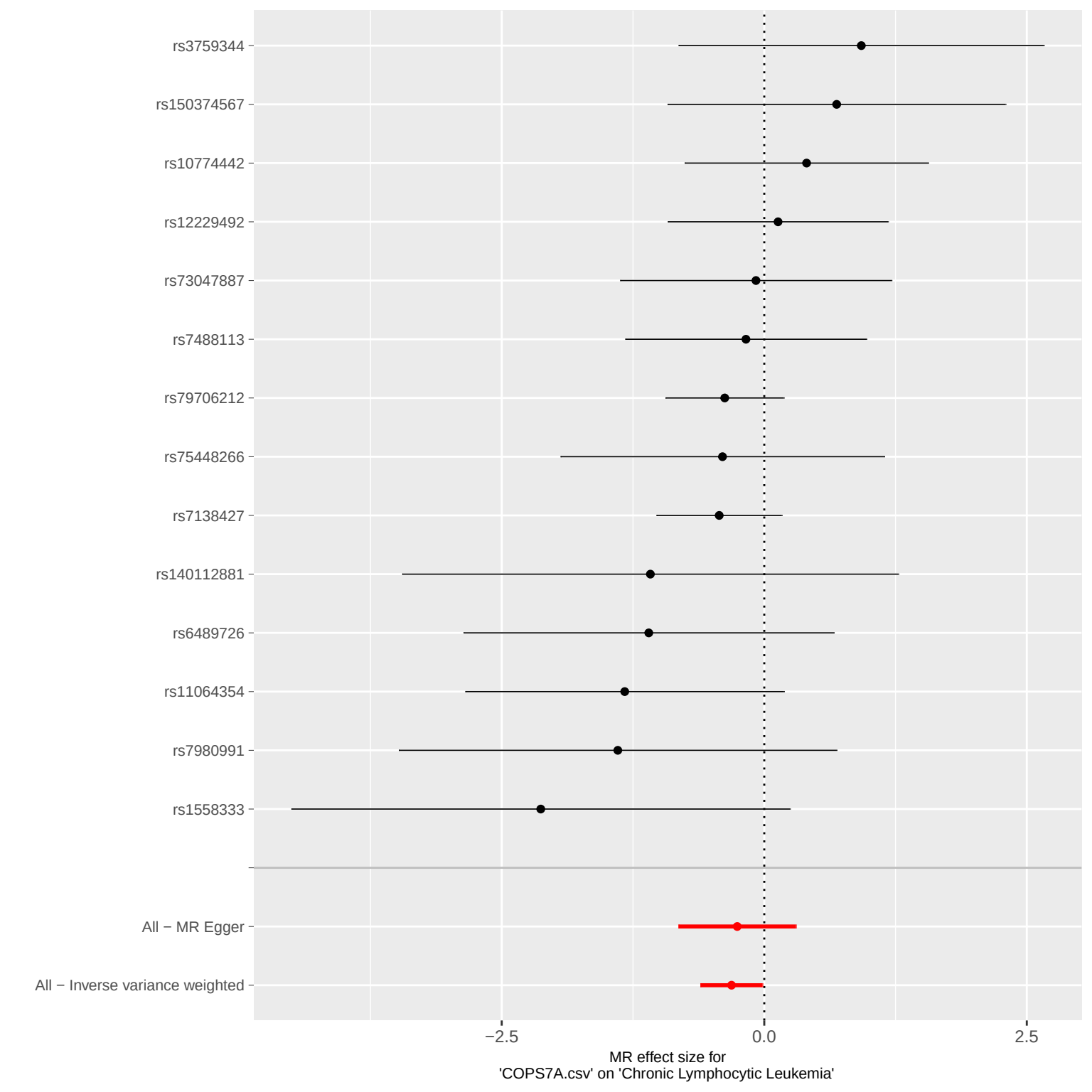
MR effect size for
'COPS6.csv' on 'Chronic Lymphocytic Leukemia'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rs140112881
rs6489726
rs11064354
rs7980991
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All − MR Egger
All − Inverse variance weighted
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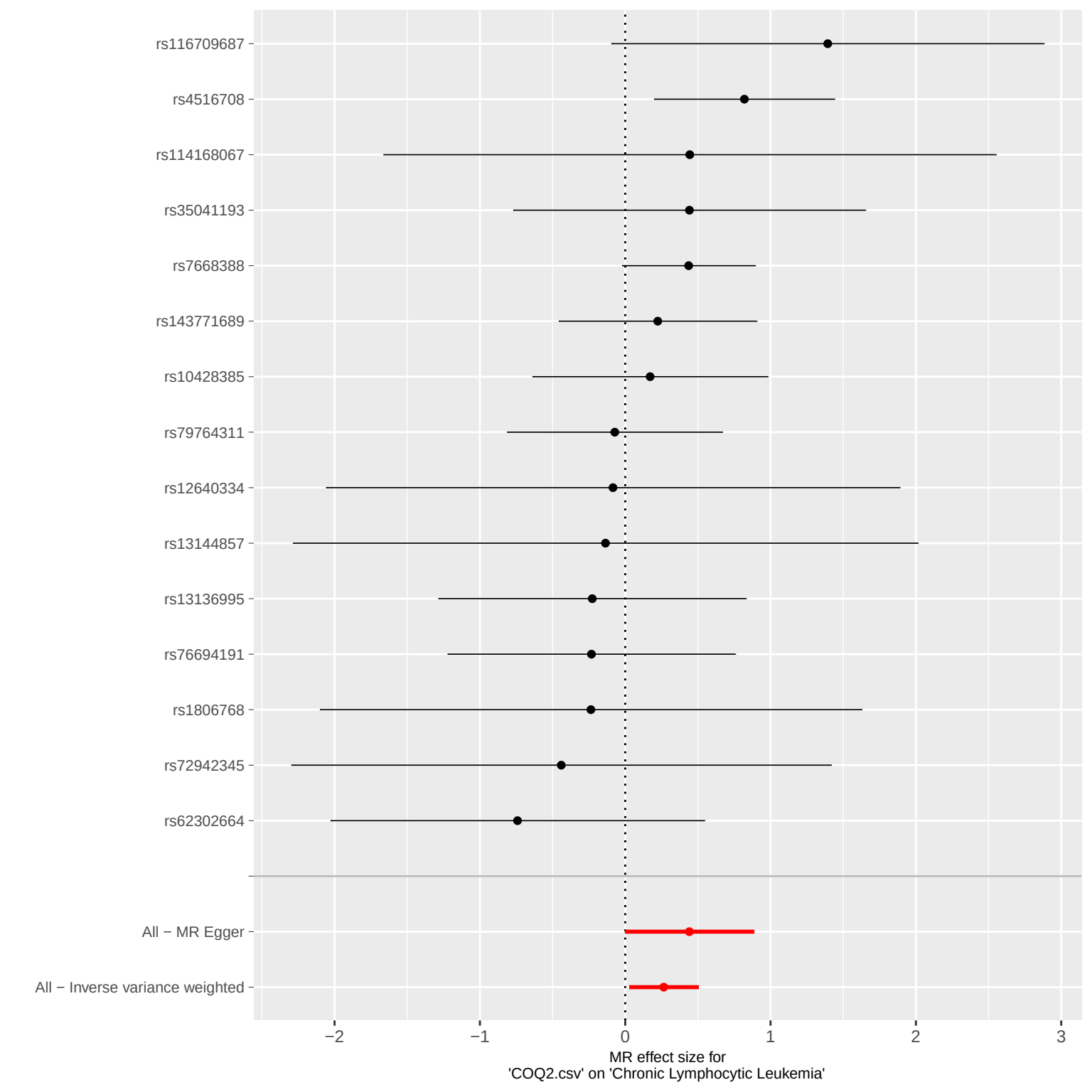
0.0
2.5
MR effect size for
'COPS7A.csv' on 'Chronic Lymphocytic Leukemia'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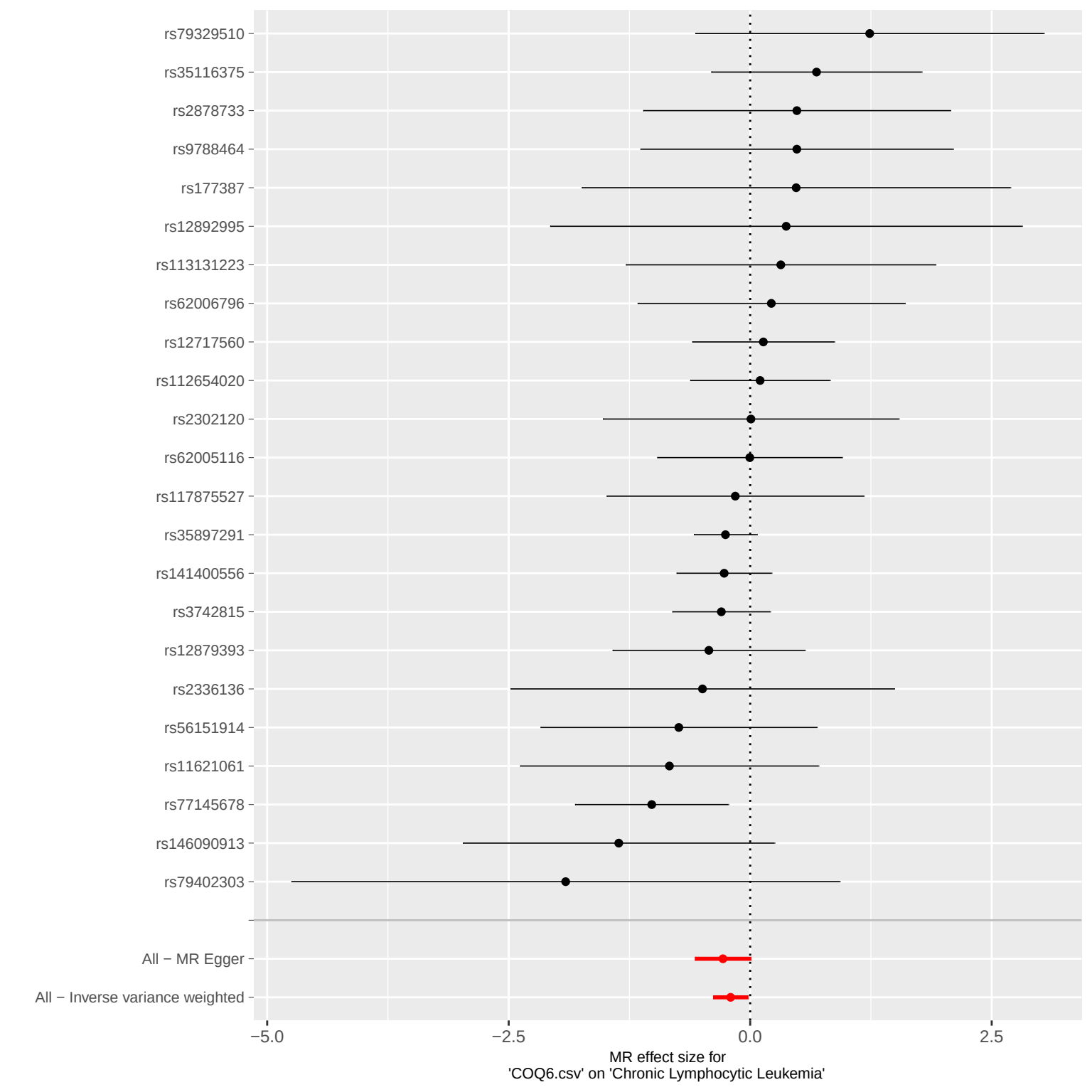
rs1806768
rs72942345
rs62302664
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'COQ2.csv' on 'Chronic Lymphocytic Leukemia'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rs35897291
rs141400556
rs3742815
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rs56151914
rs11621061
rs77145678
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rs79402303
All − MR Egger
All − Inverse variance weighted
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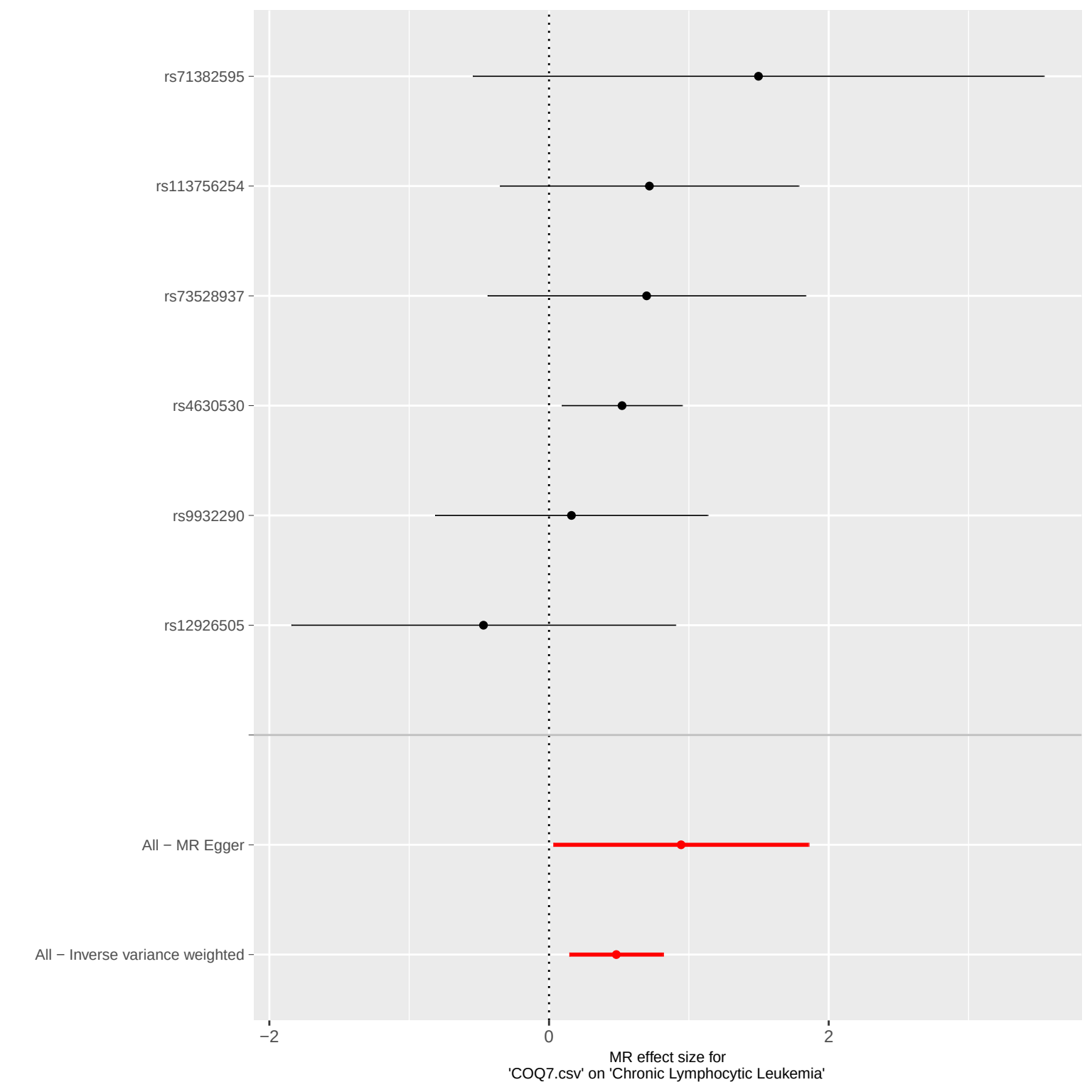
−2.5
0.0
2.5
MR effect size for
'COQ6.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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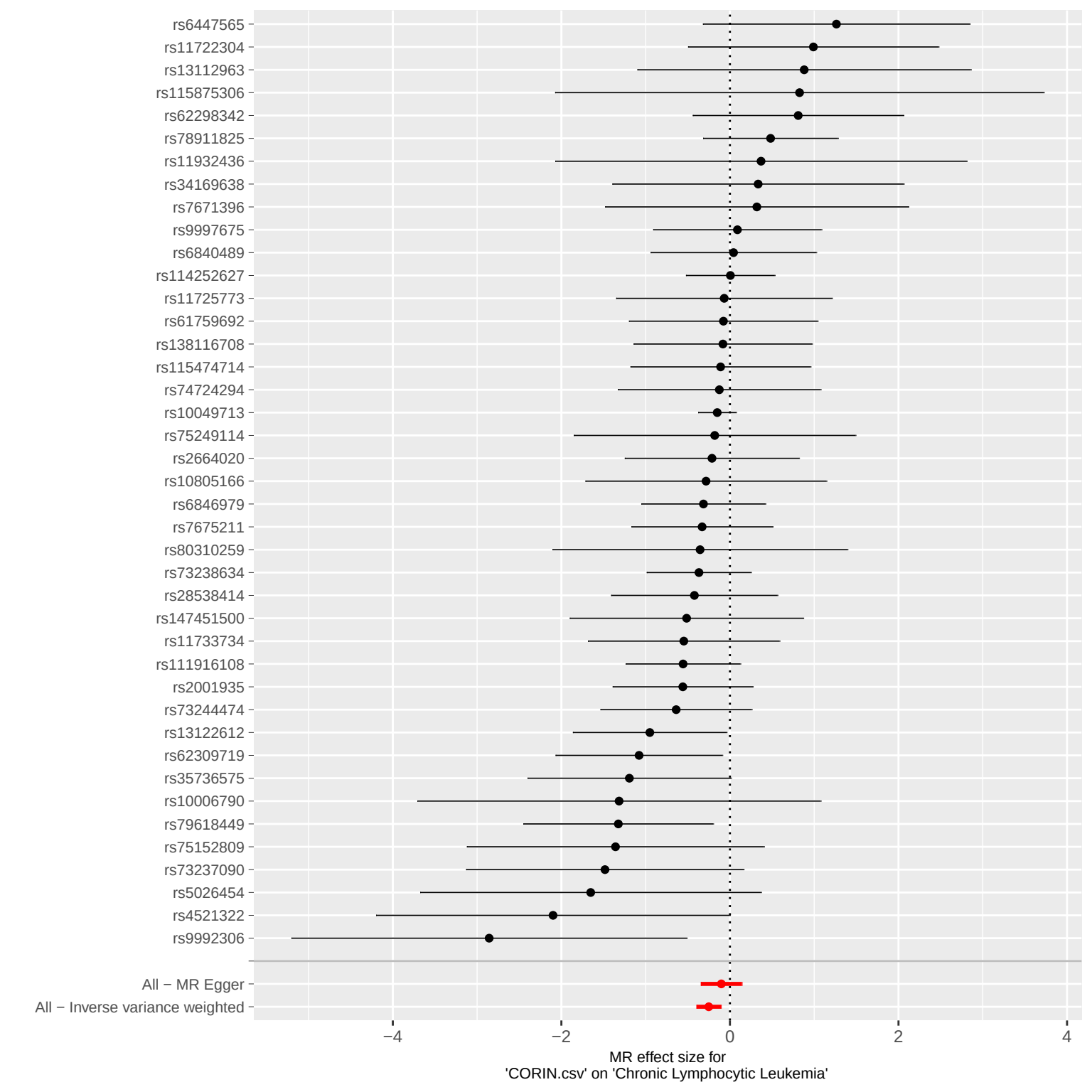
0
2
MR effect size for
'COQ7.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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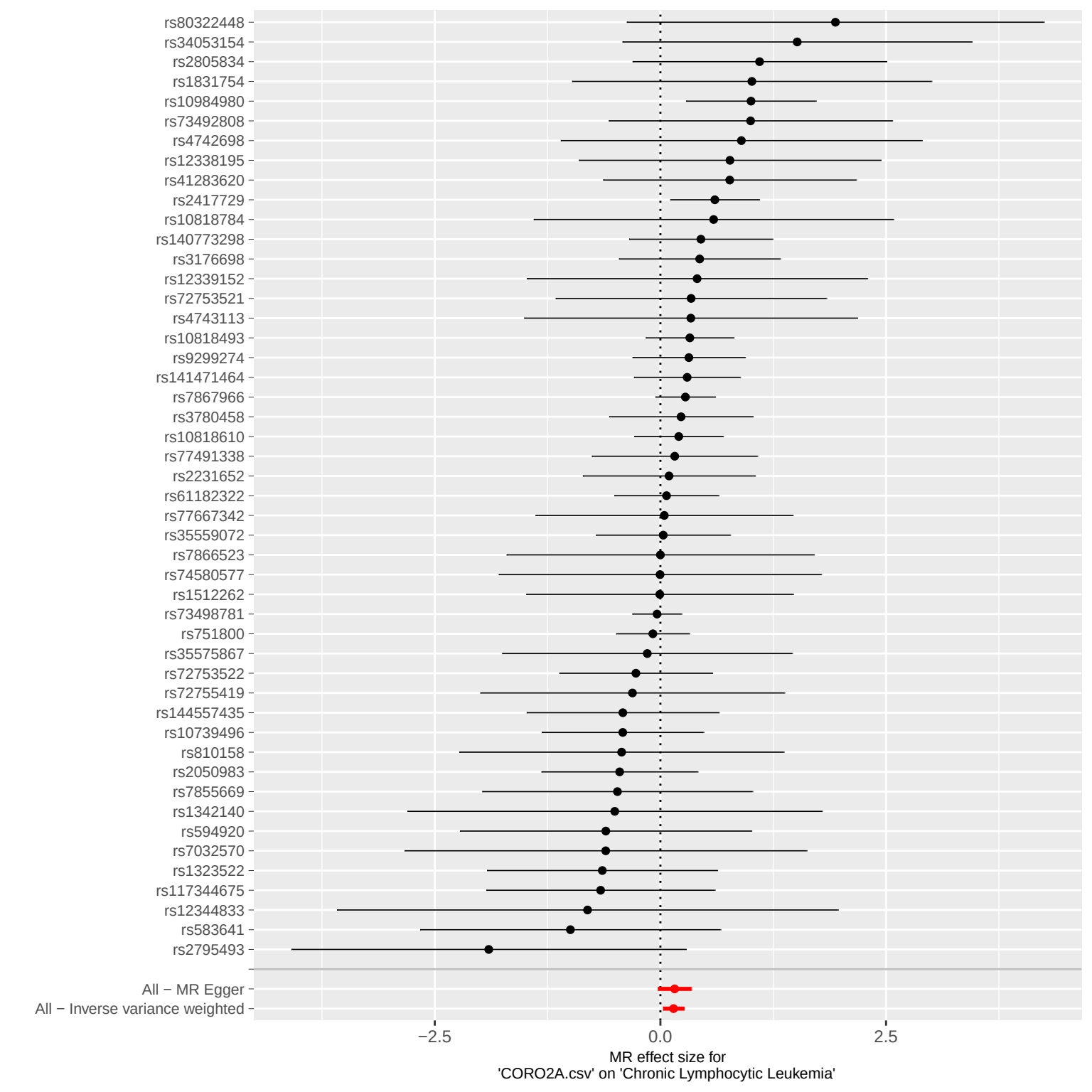
2
4
MR effect size for
'CORIN.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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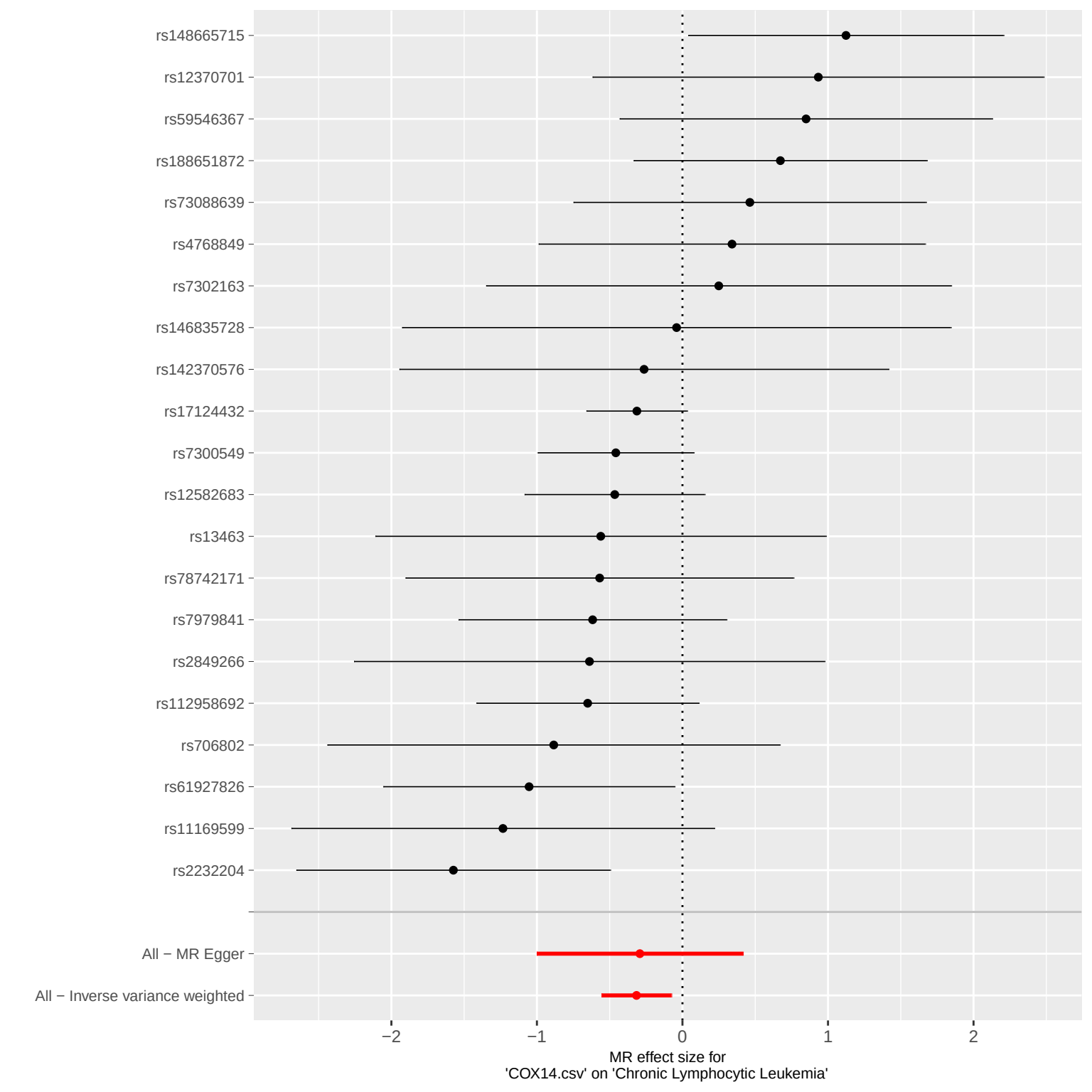
MR effect size for
'CORO2A.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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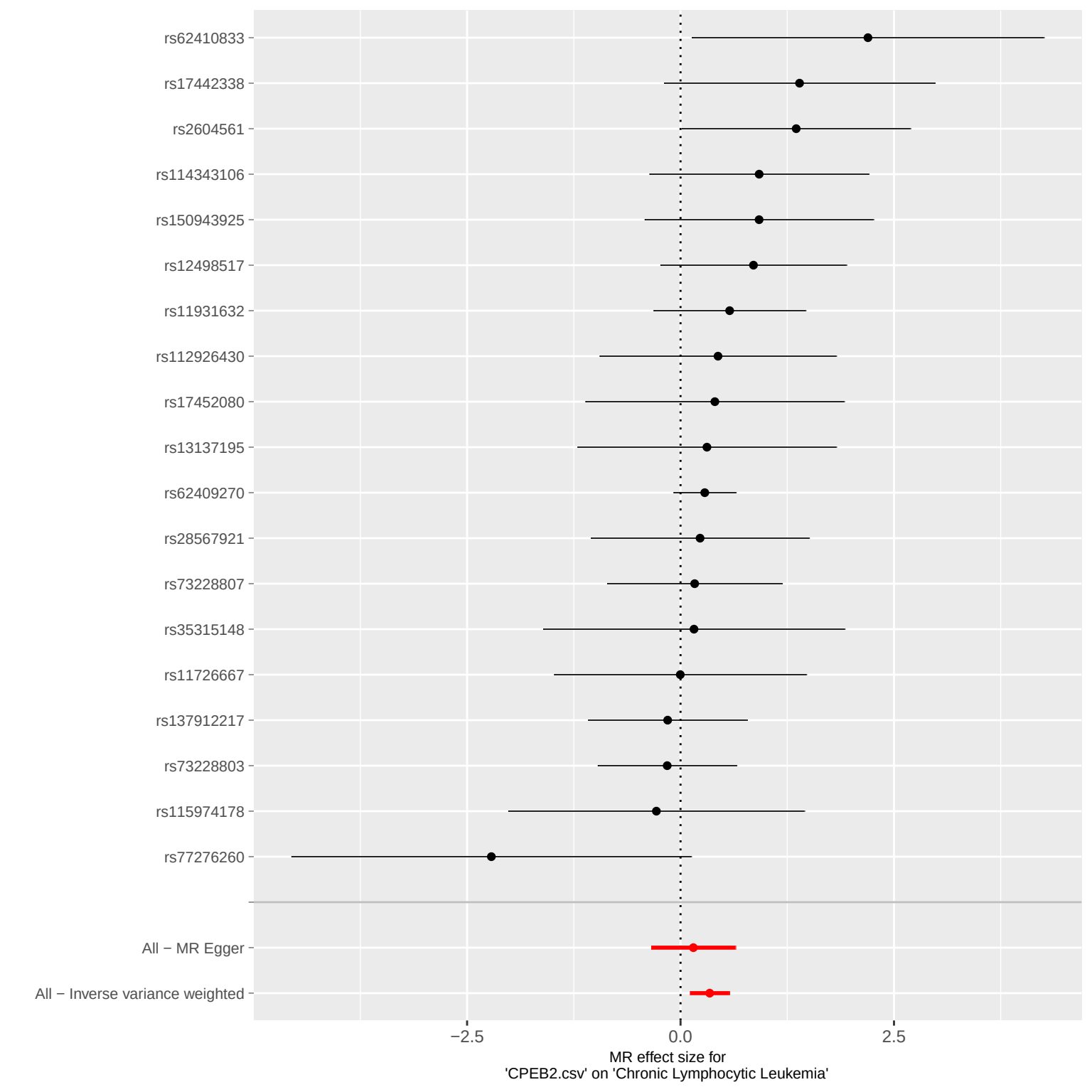
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All − MR Egger
All − Inverse variance weighted
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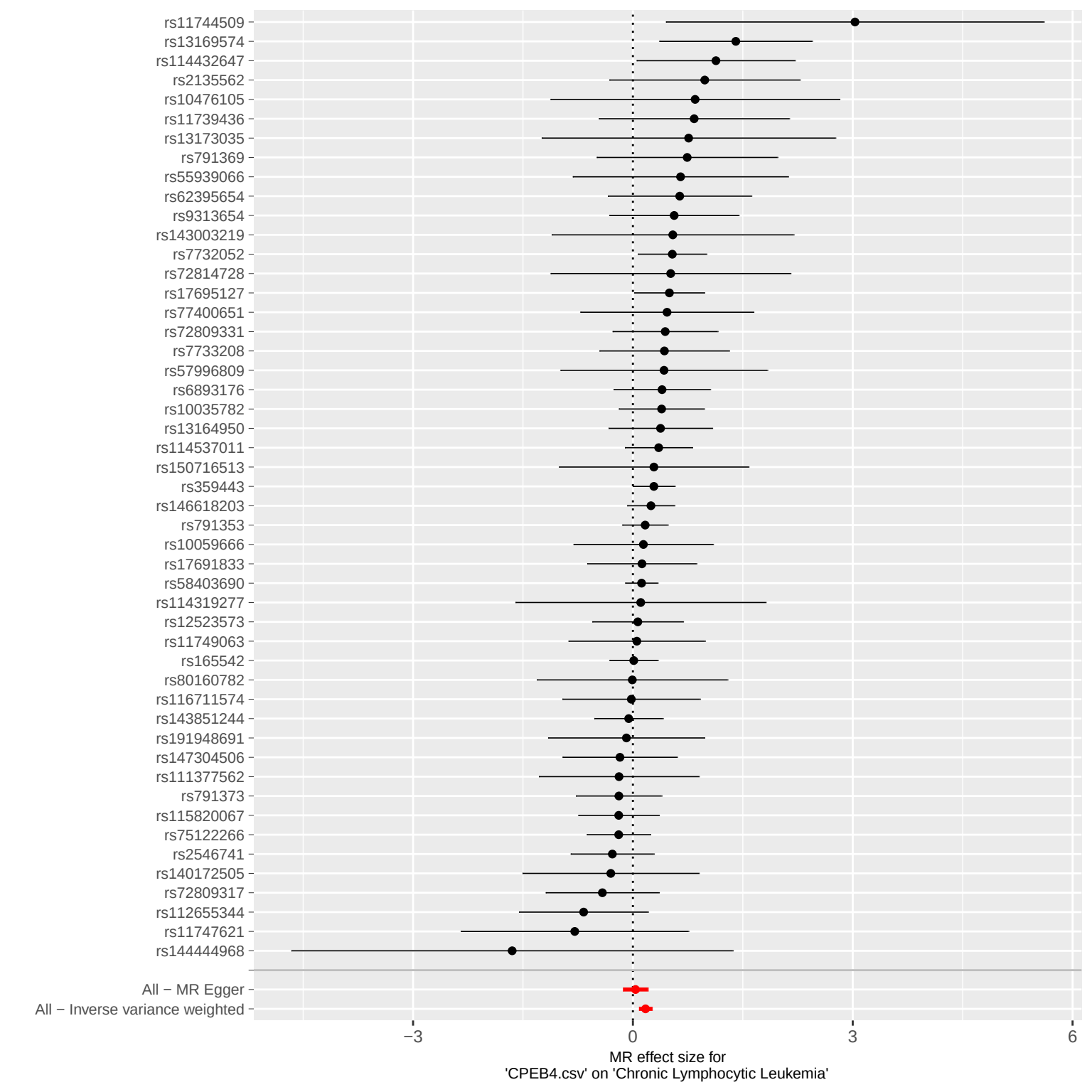
0.0
2.5
MR effect size for
'CPEB2.csv' on 'Chronic Lymphocytic Leukemia'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rs11747621
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All − Inverse variance weighted
−3
0
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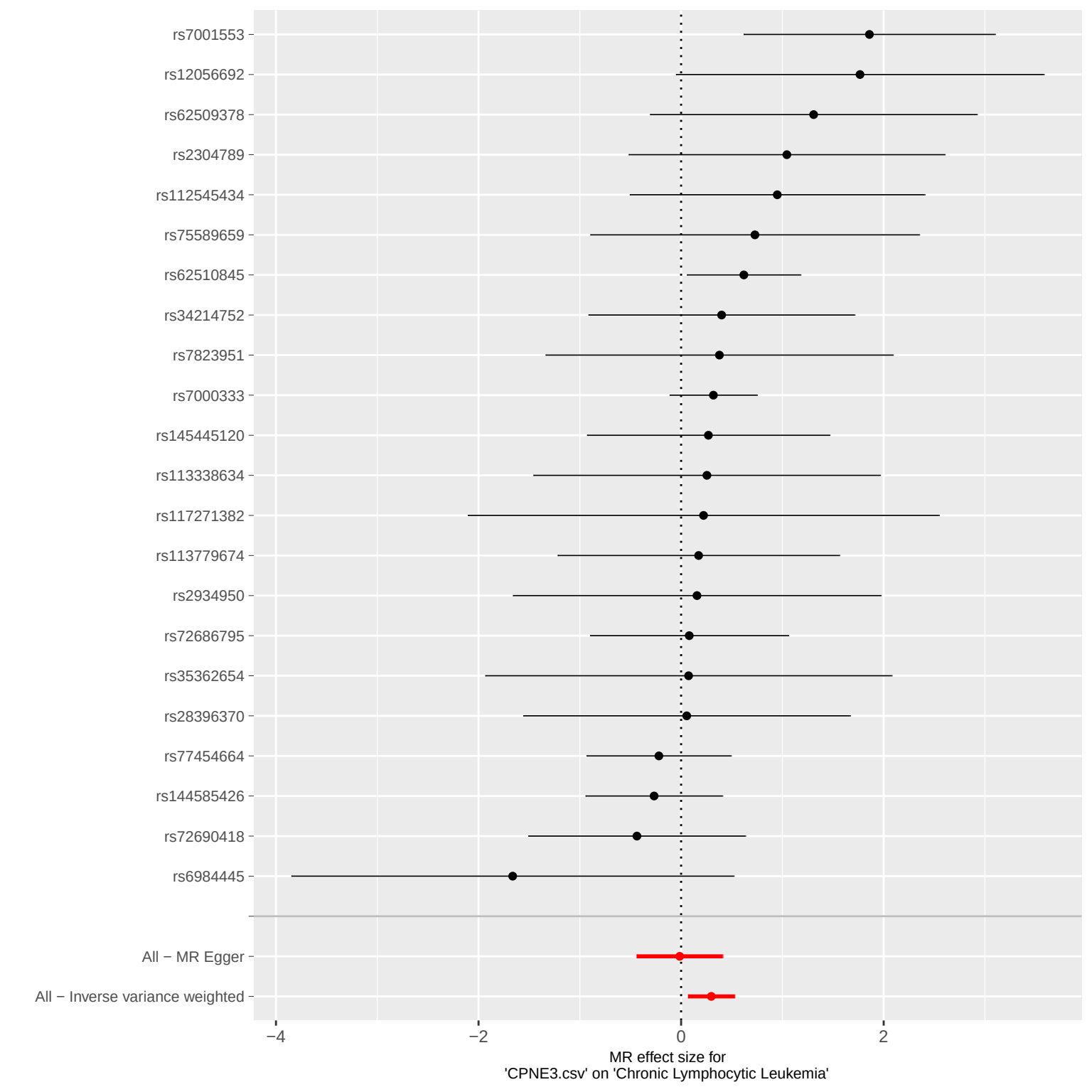
6
MR effect size for
'CPEB4.csv' on 'Chronic Lymphocytic Leukemia'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rs28396370
rs77454664
rs144585426
rs72690418
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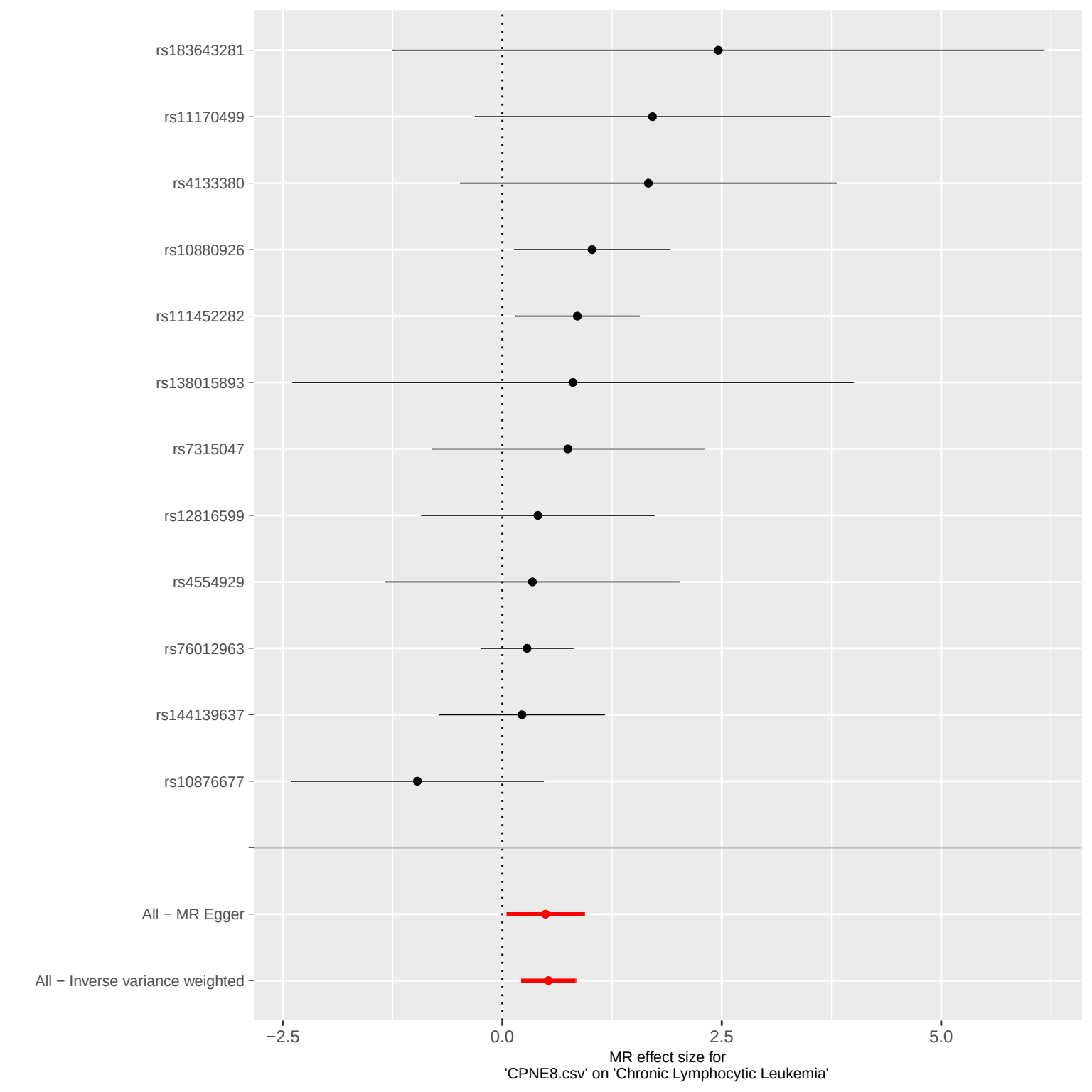
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CPNE3.csv' on 'Chronic Lymphocytic Leukemia'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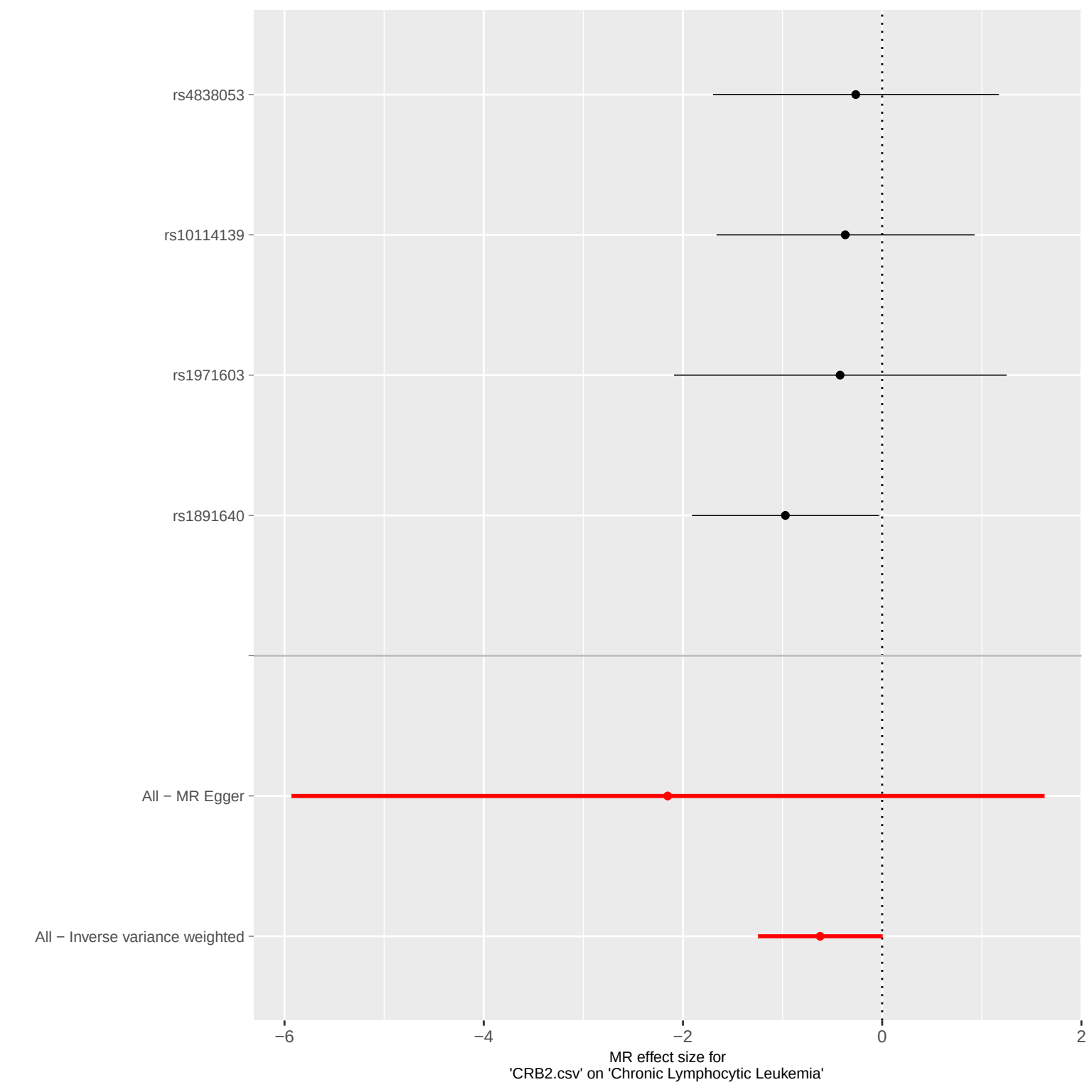
rs10876677
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CPNE8.csv' on 'Chronic Lymphocytic Leukemia'


rs4838053
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All − Inverse variance weighted
−6
−4
−2
0
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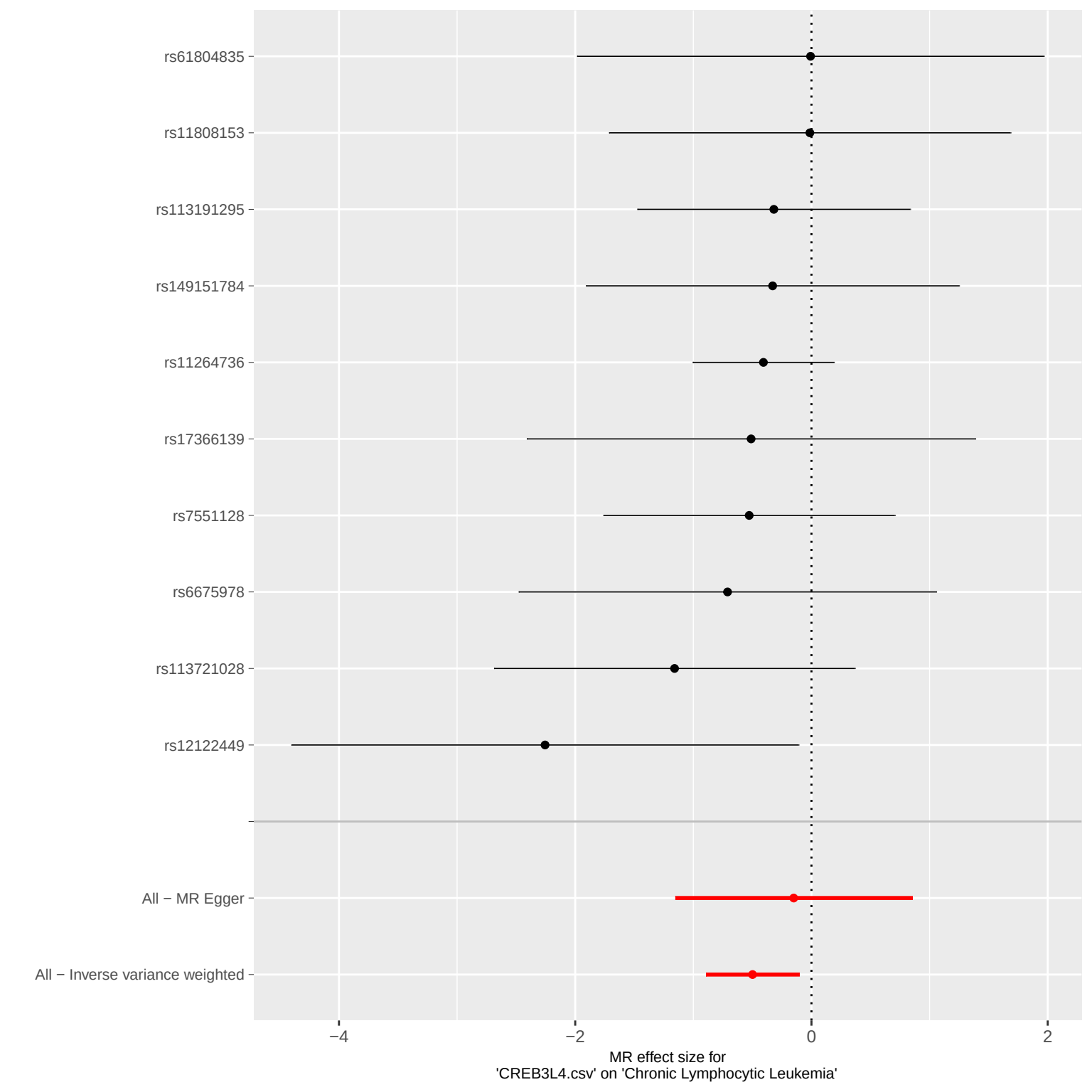
MR effect size for
'CRB2.csv' on 'Chronic Lymphocytic Leukemia'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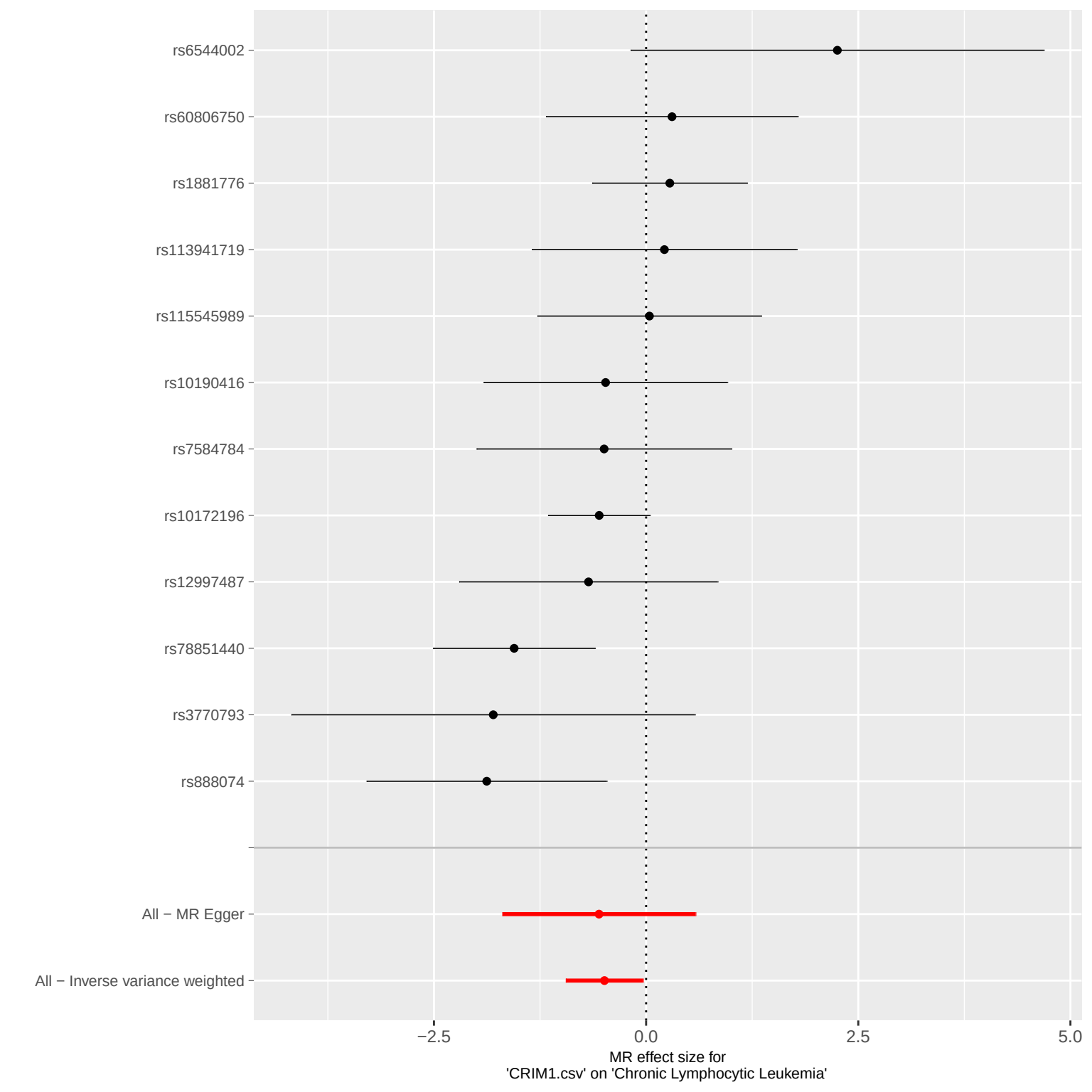
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CREB3L4.csv' on 'Chronic Lymphocytic Leukemia'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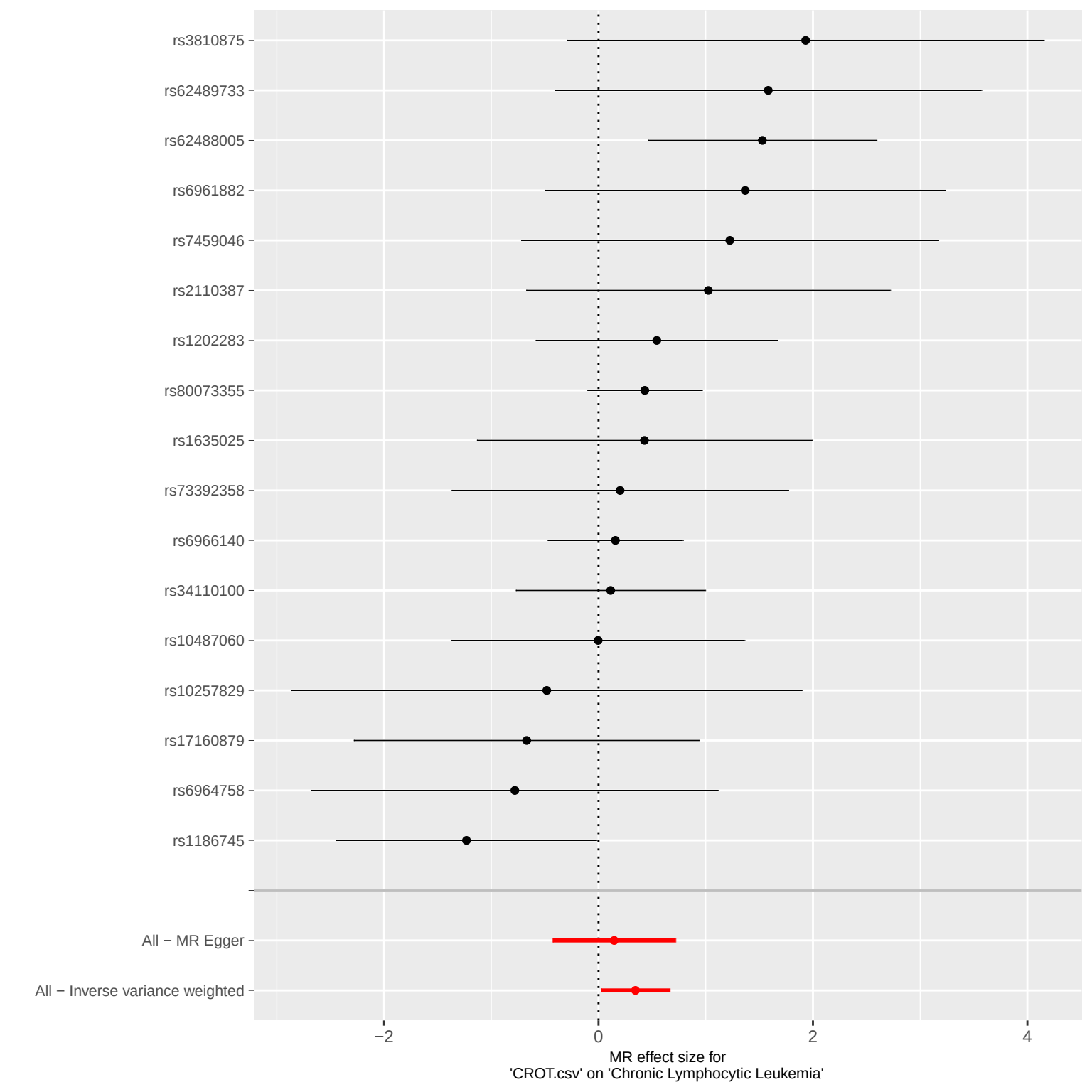
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'CRIM1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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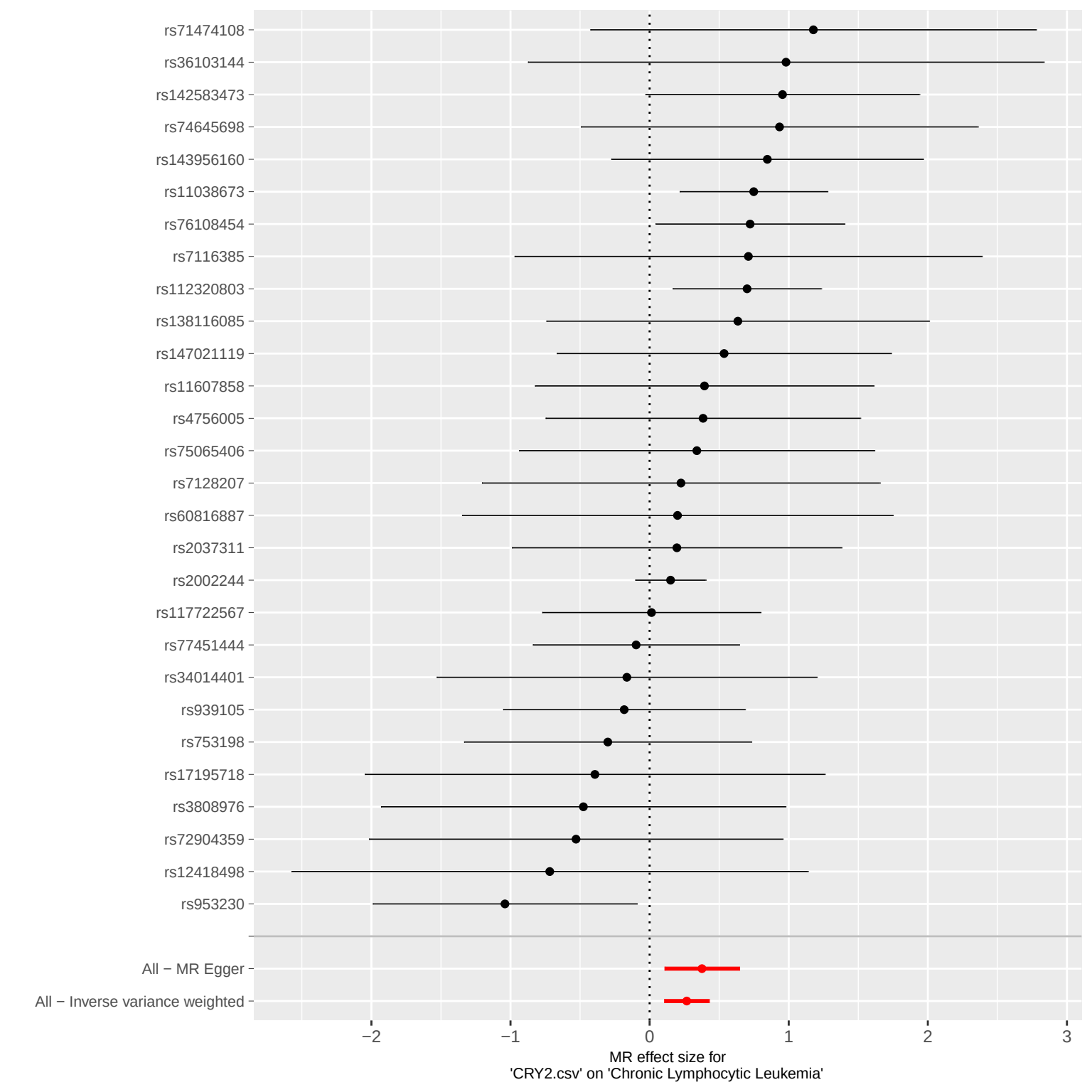
2
4
MR effect size for
'CROT.csv' on 'Chronic Lymphocytic Leukemia'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rs117722567
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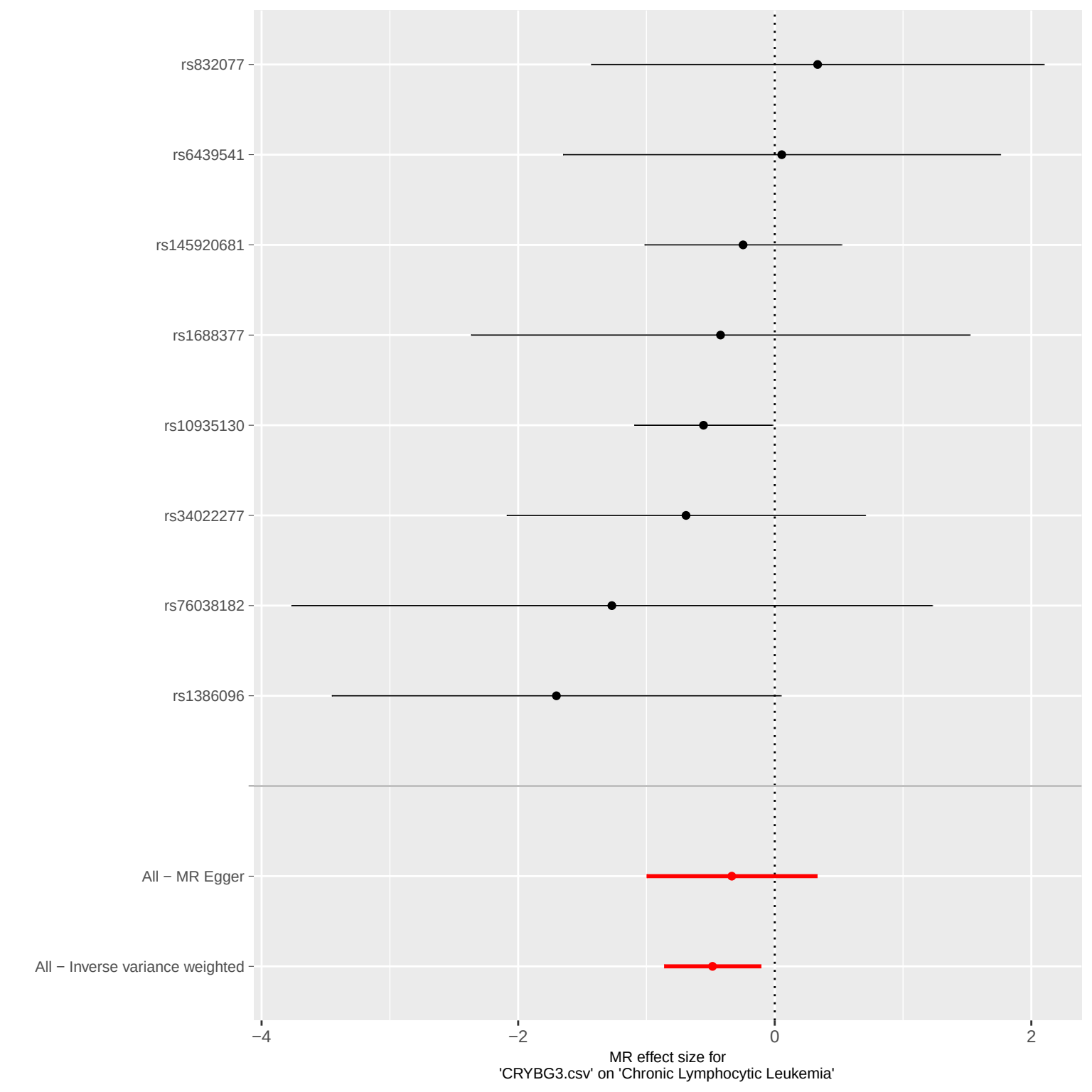
rs753198
rs17195718
rs3808976
rs72904359
rs12418498
rs953230
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'CRY2.csv' on 'Chronic Lymphocytic Leukemia'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rs34022277
rs76038182
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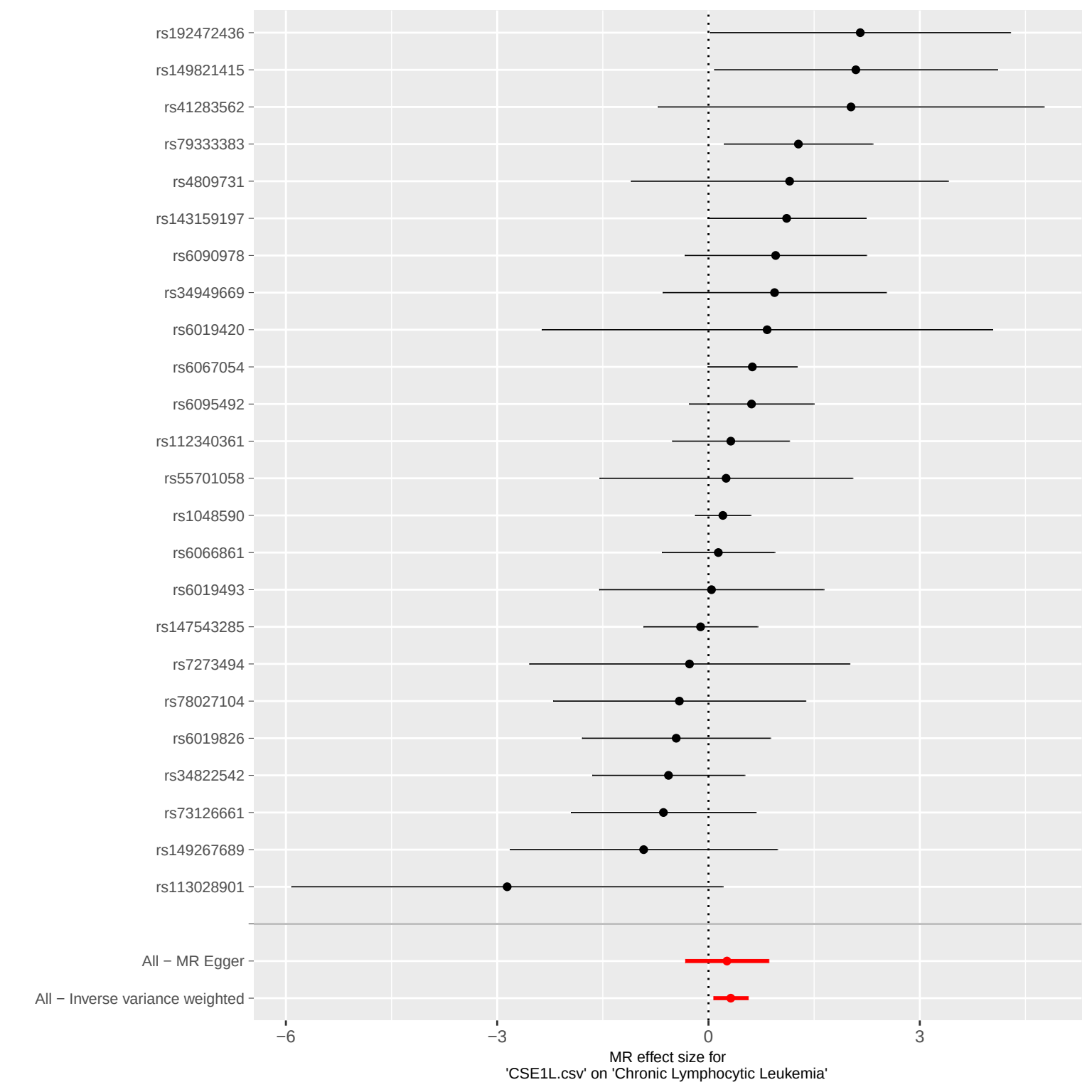
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'CRYBG3.csv' on 'Chronic Lymphocytic Leukemia'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rs78027104
rs6019826
rs34822542
rs73126661
rs149267689
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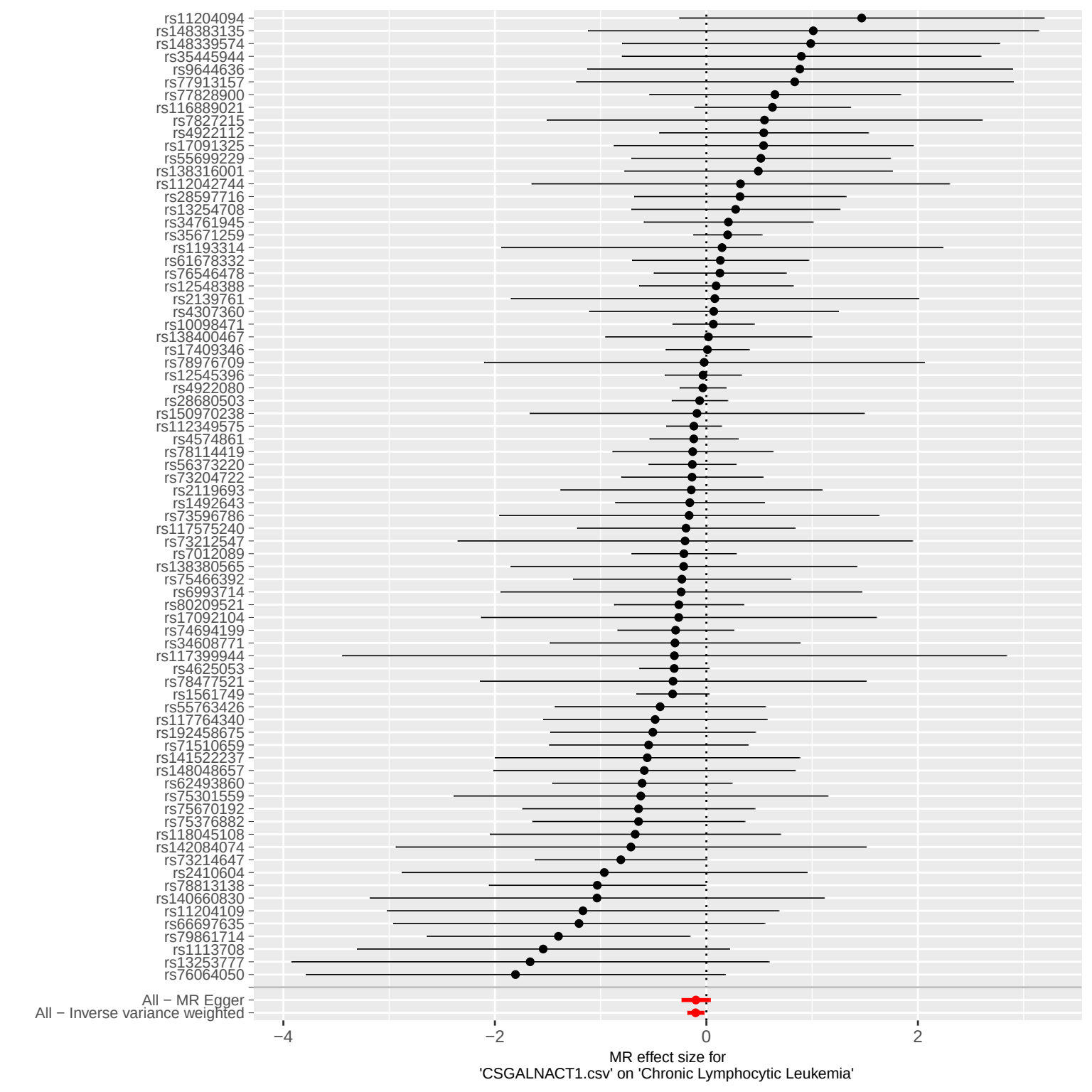
All − MR Egger
All − Inverse variance weighted
−6
−3
0
3
MR effect size for
'CSE1L.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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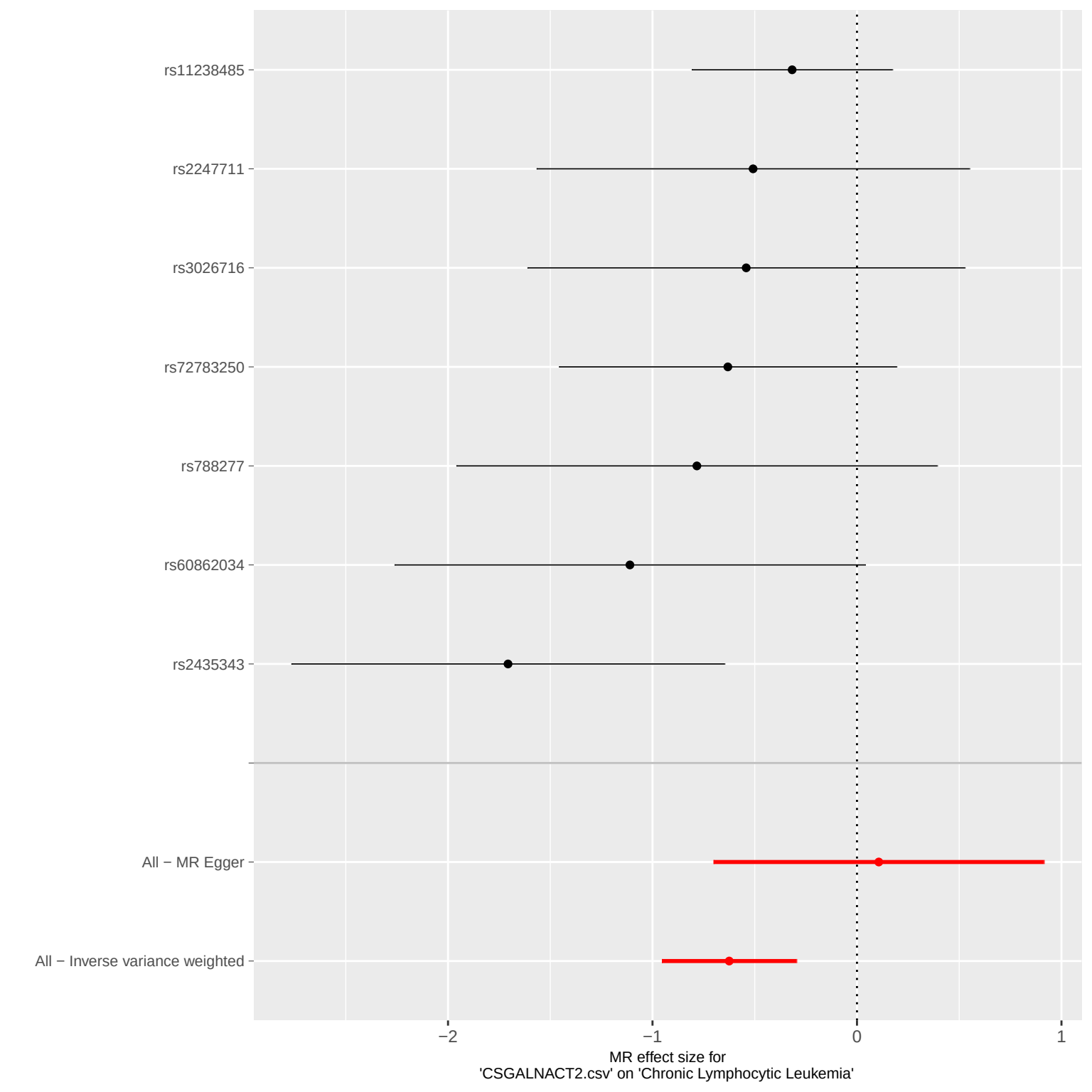
MR effect size for
'CSGALNACT1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−1
0
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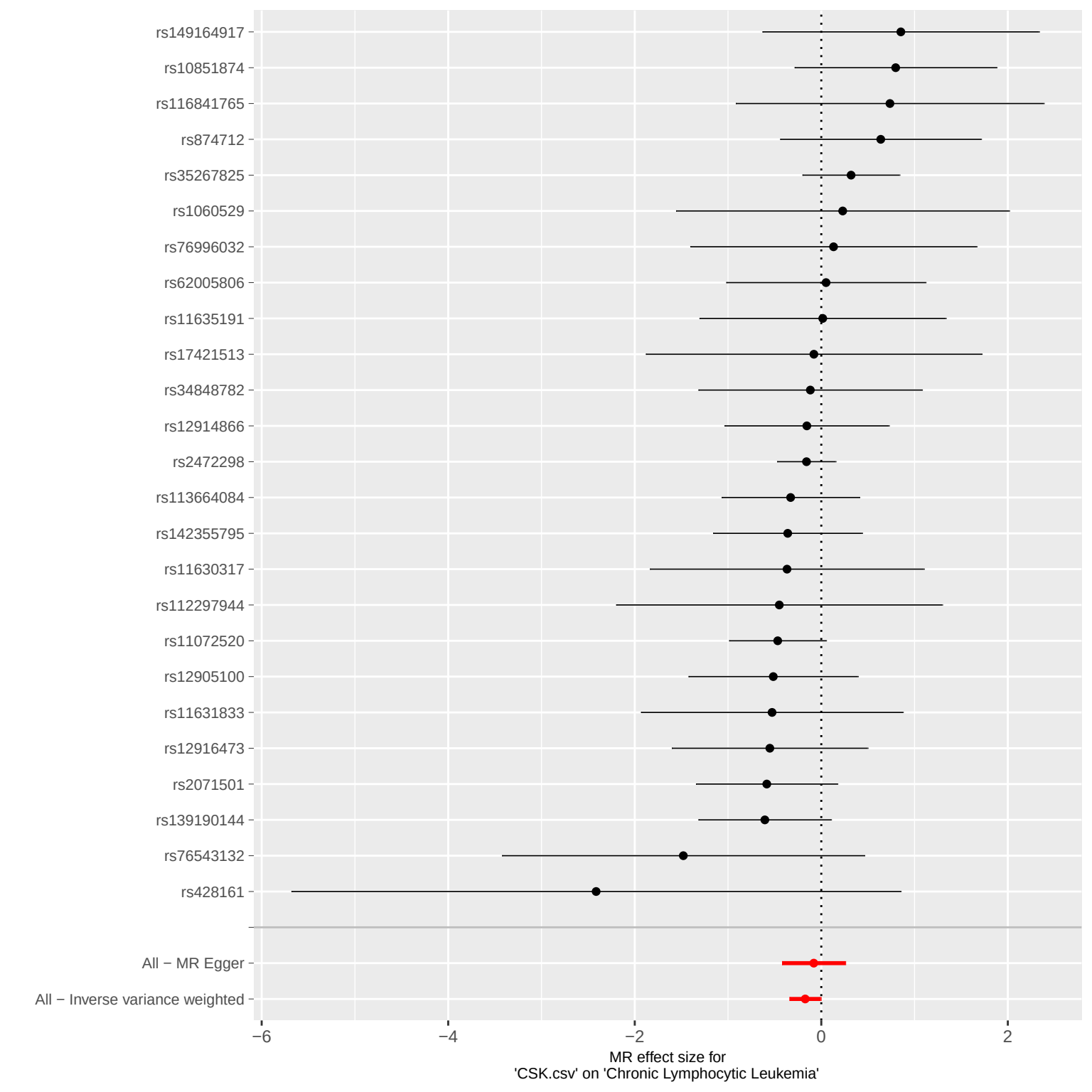
MR effect size for
'CSGALNACT2.csv' on 'Chronic Lymphocytic Leukemia'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rs11631833
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rs2071501
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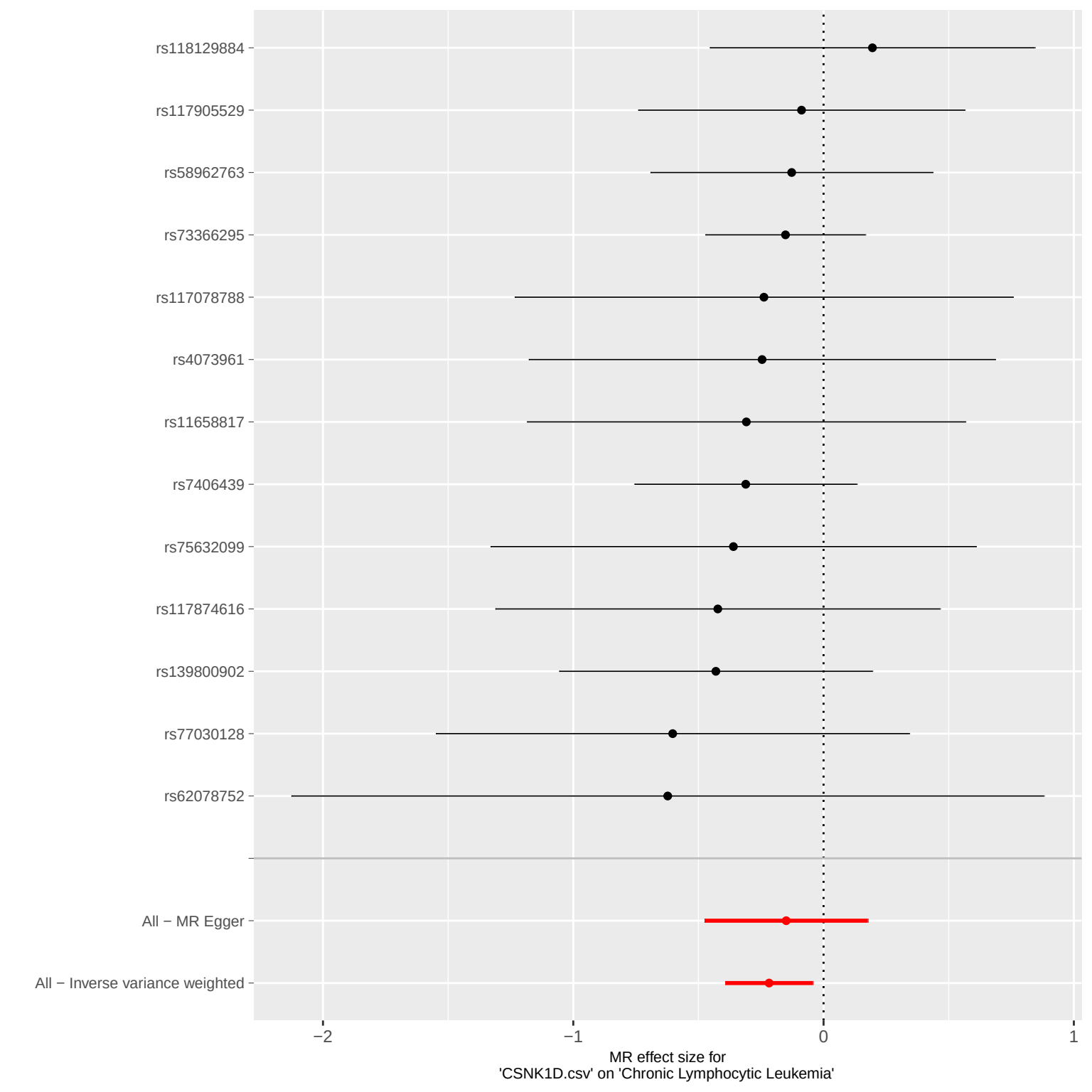
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'CSK.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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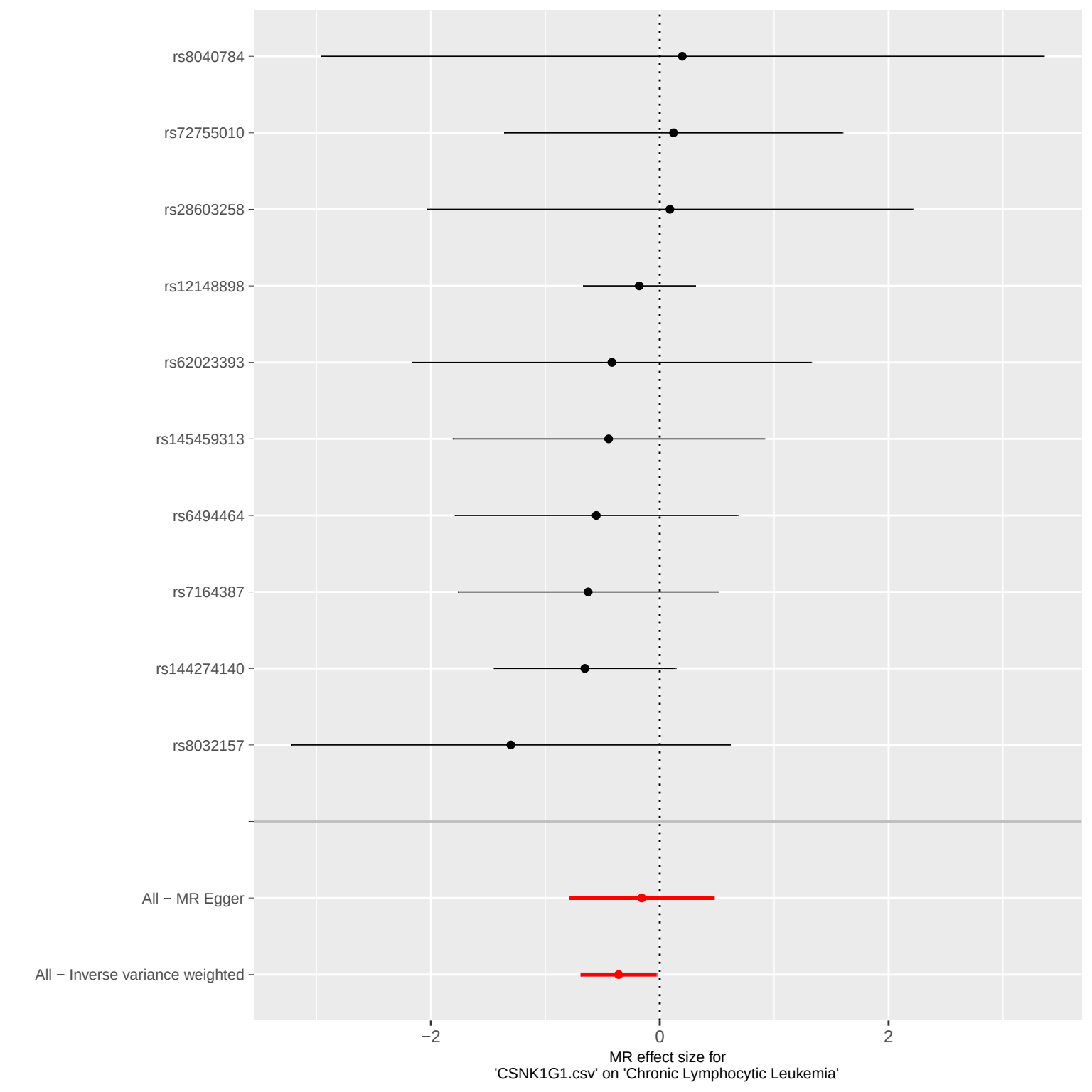
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All − Inverse variance weighted
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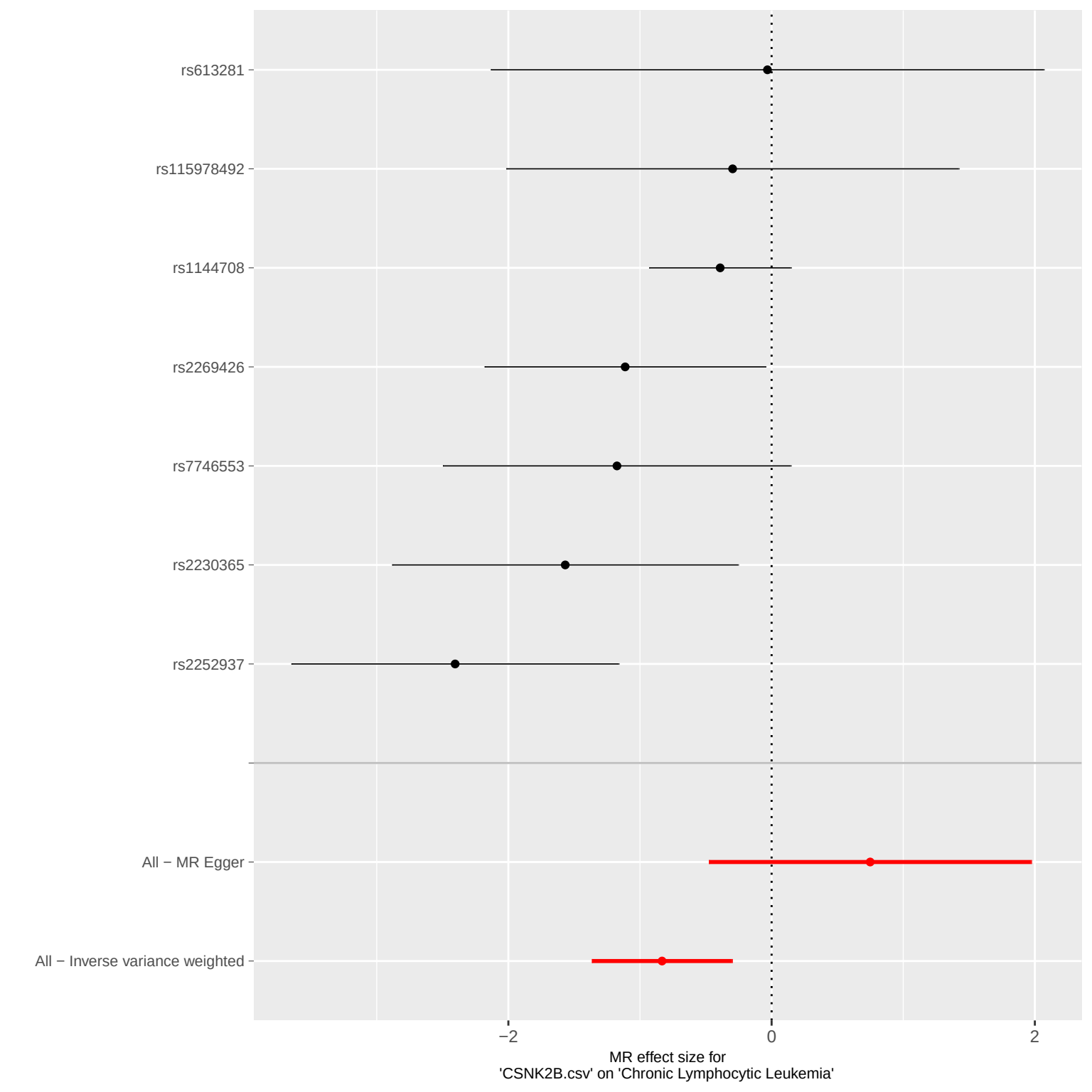
MR effect size for
'CSNK1G1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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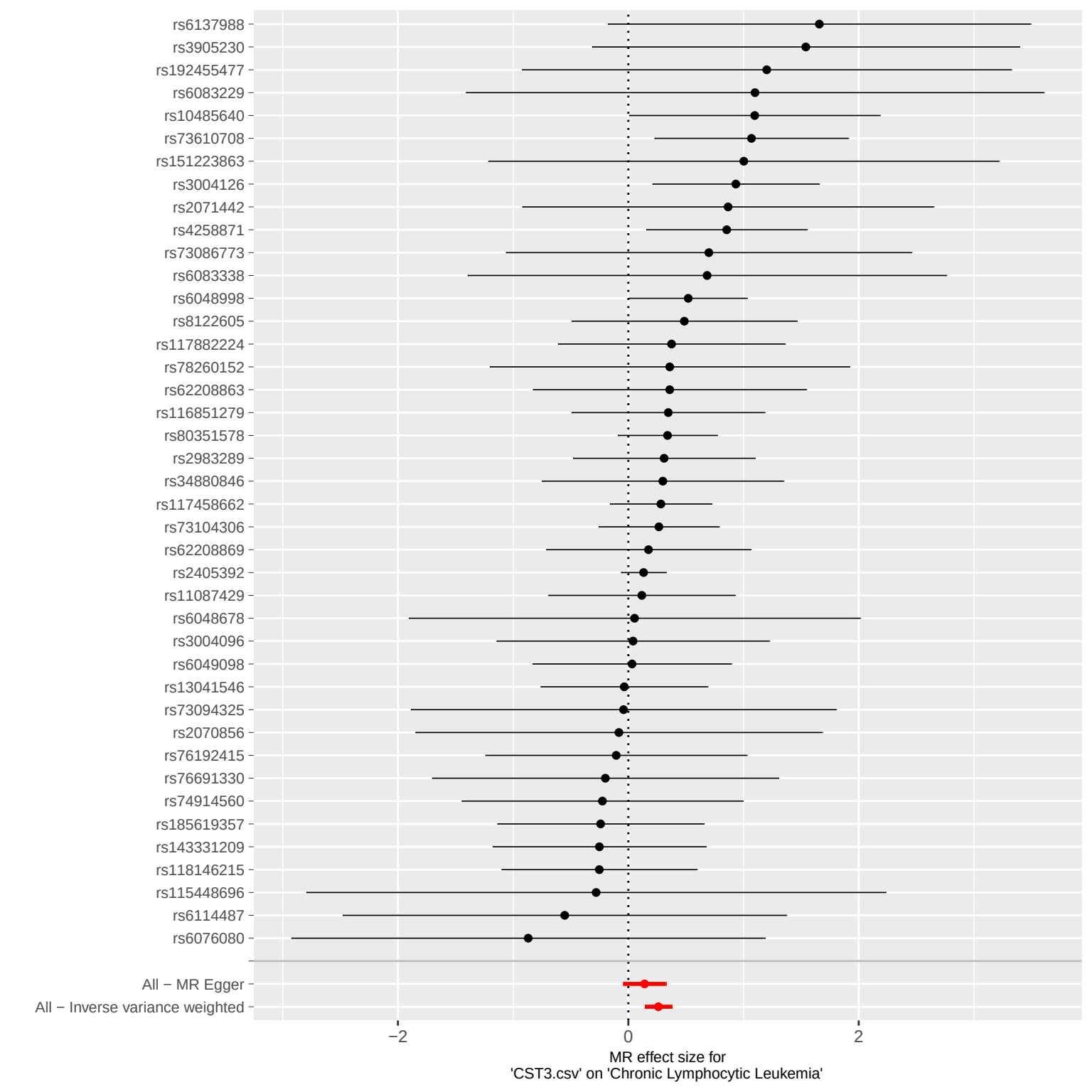
MR effect size for
'CSNK2B.csv' on 'Chronic Lymphocytic Leukemia'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rs143331209
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rs115448696
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All − Inverse variance weighted
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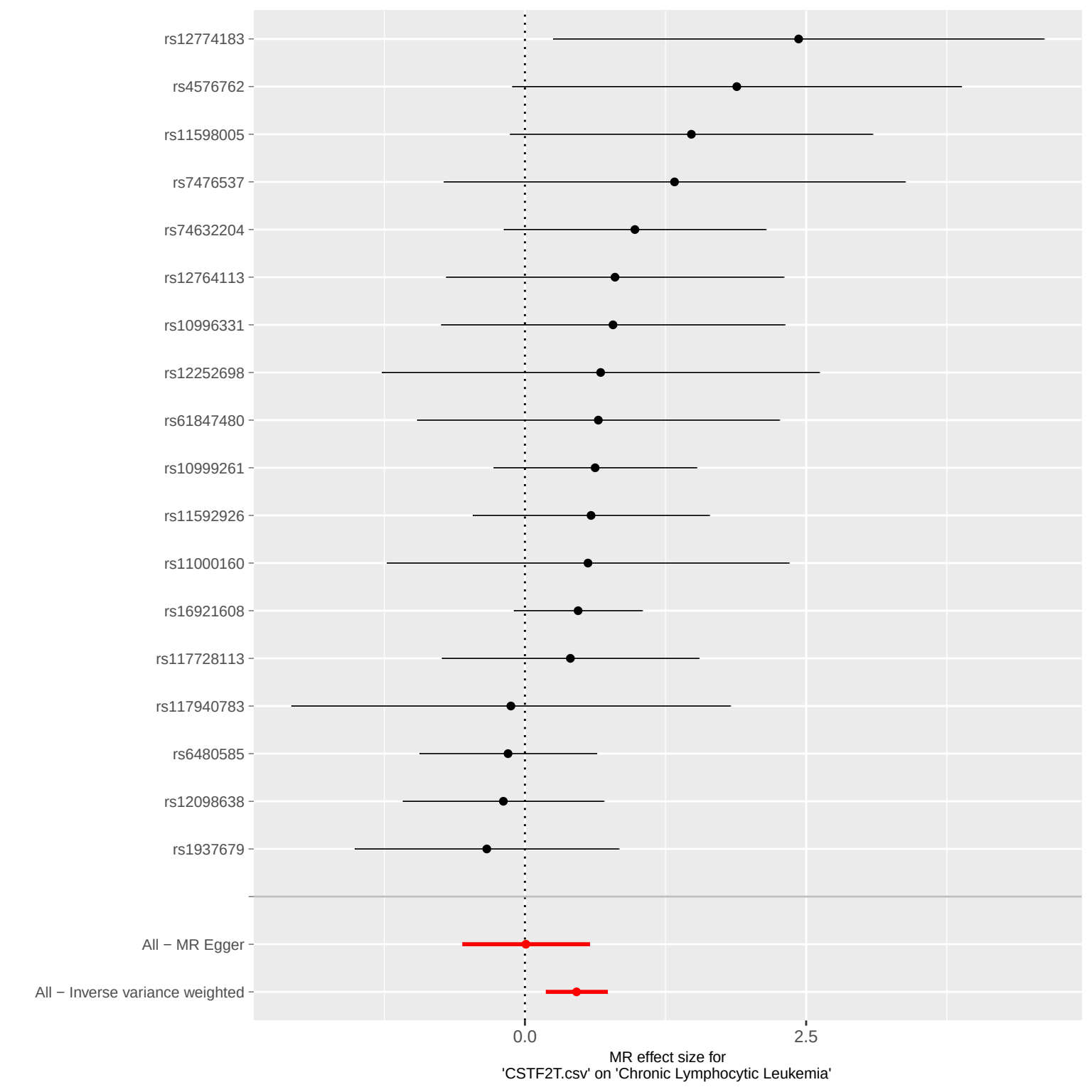
MR effect size for
'CST3.csv' on 'Chronic Lymphocytic Leukemia'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rs117728113
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All − Inverse variance weighted
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MR effect size for
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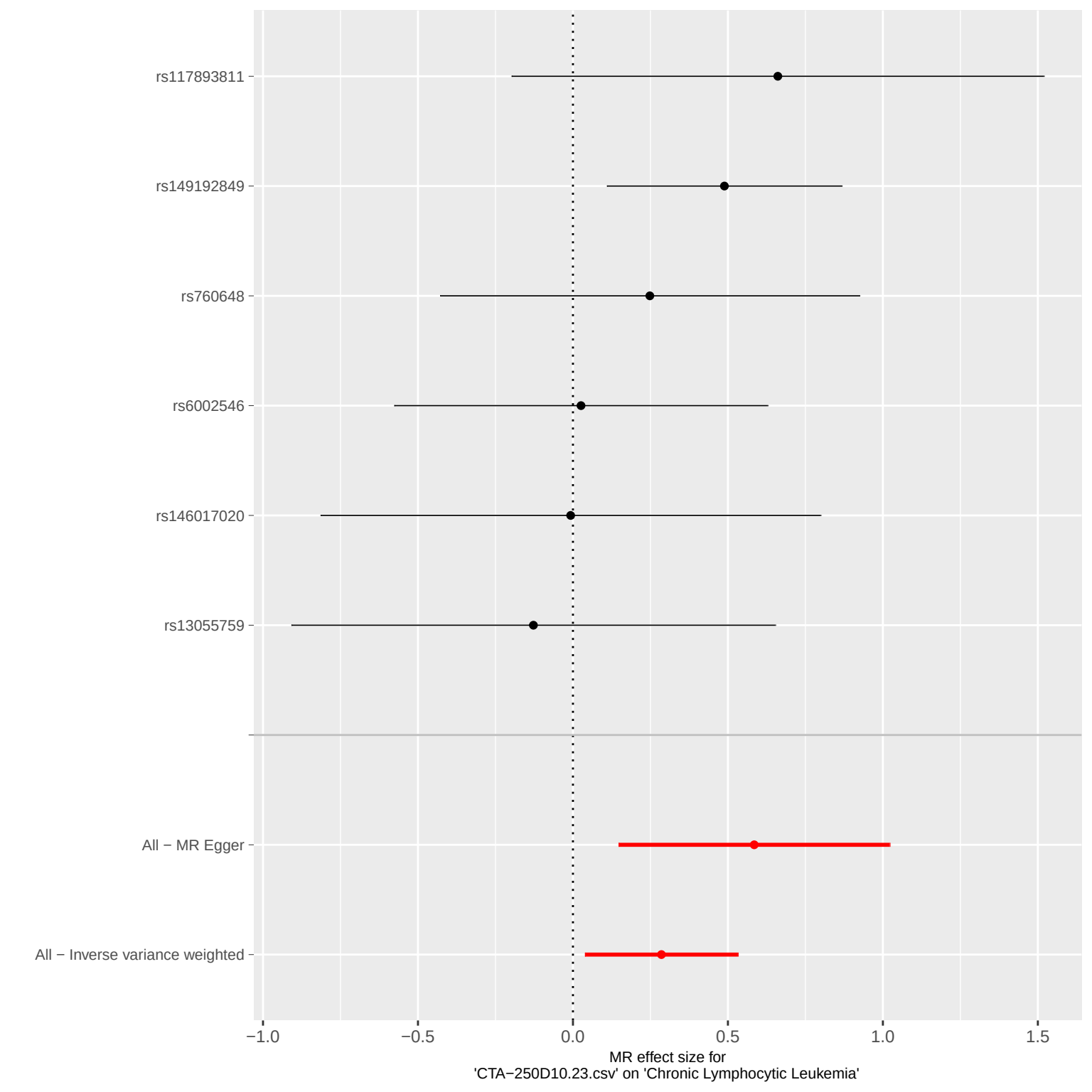
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All − Inverse variance weighted
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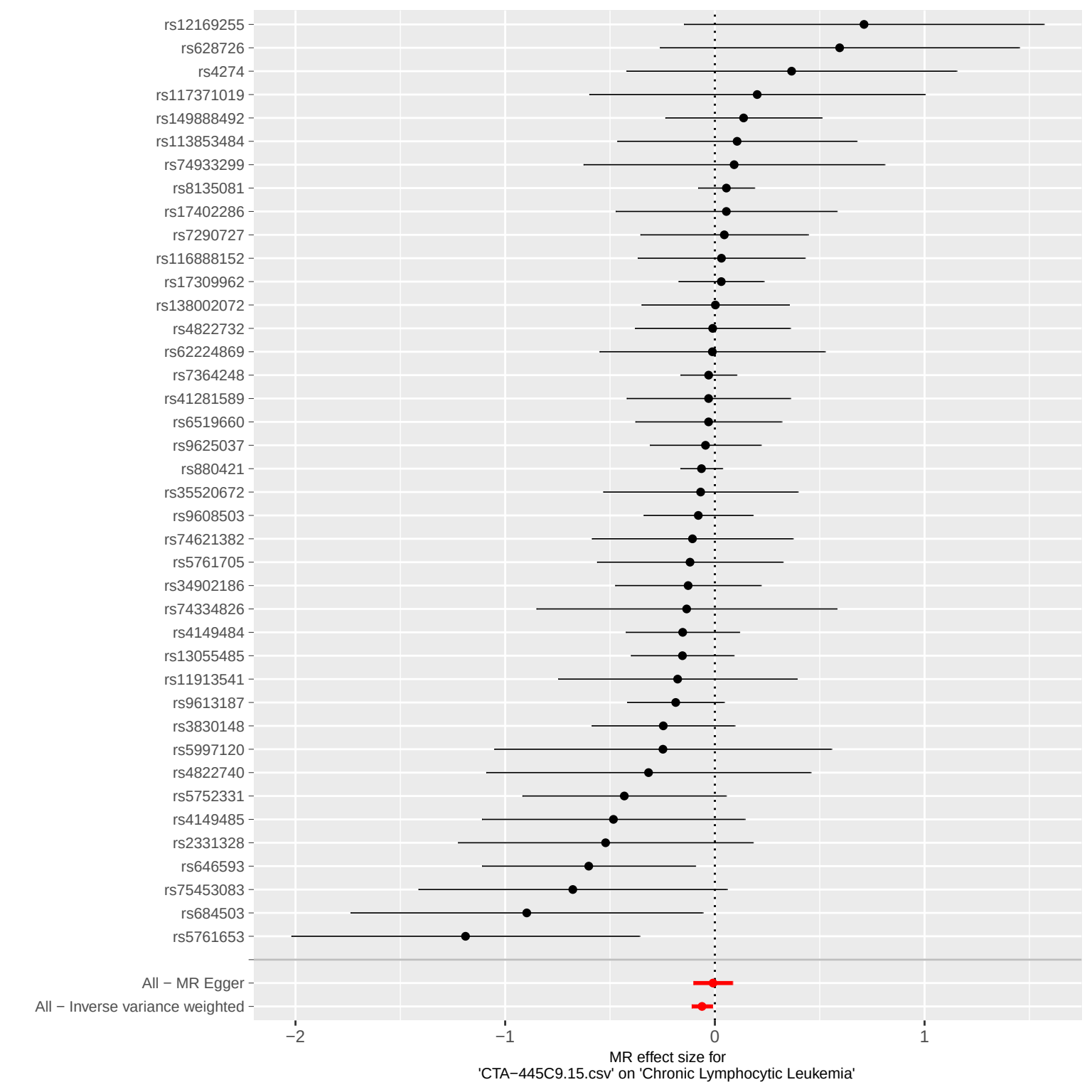
0.0
0.5
1.0
1.5
MR effect size for
'CTA−250D10.23.csv' on 'Chronic Lymphocytic Leukemia'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0
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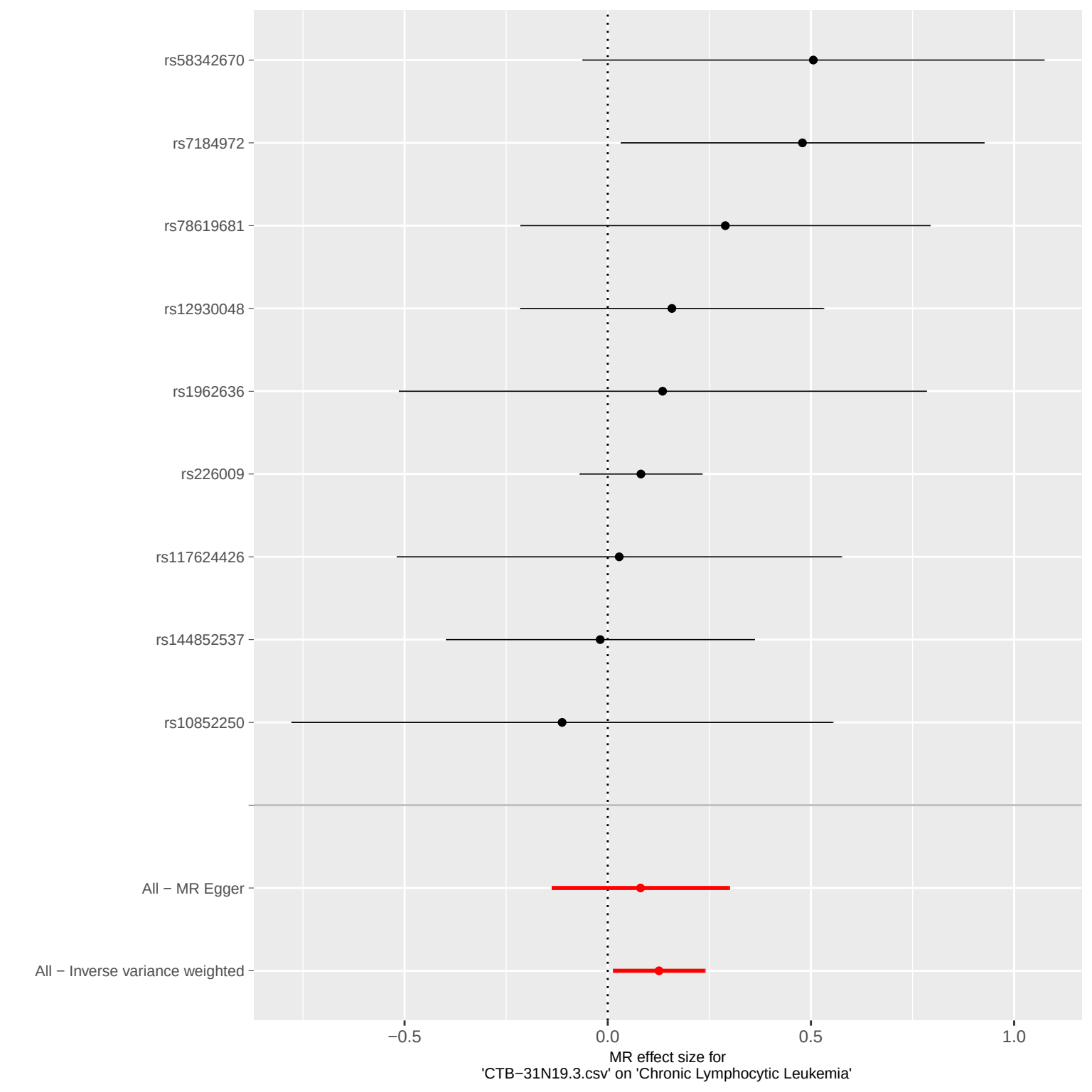
MR effect size for
'CTA−445C9.15.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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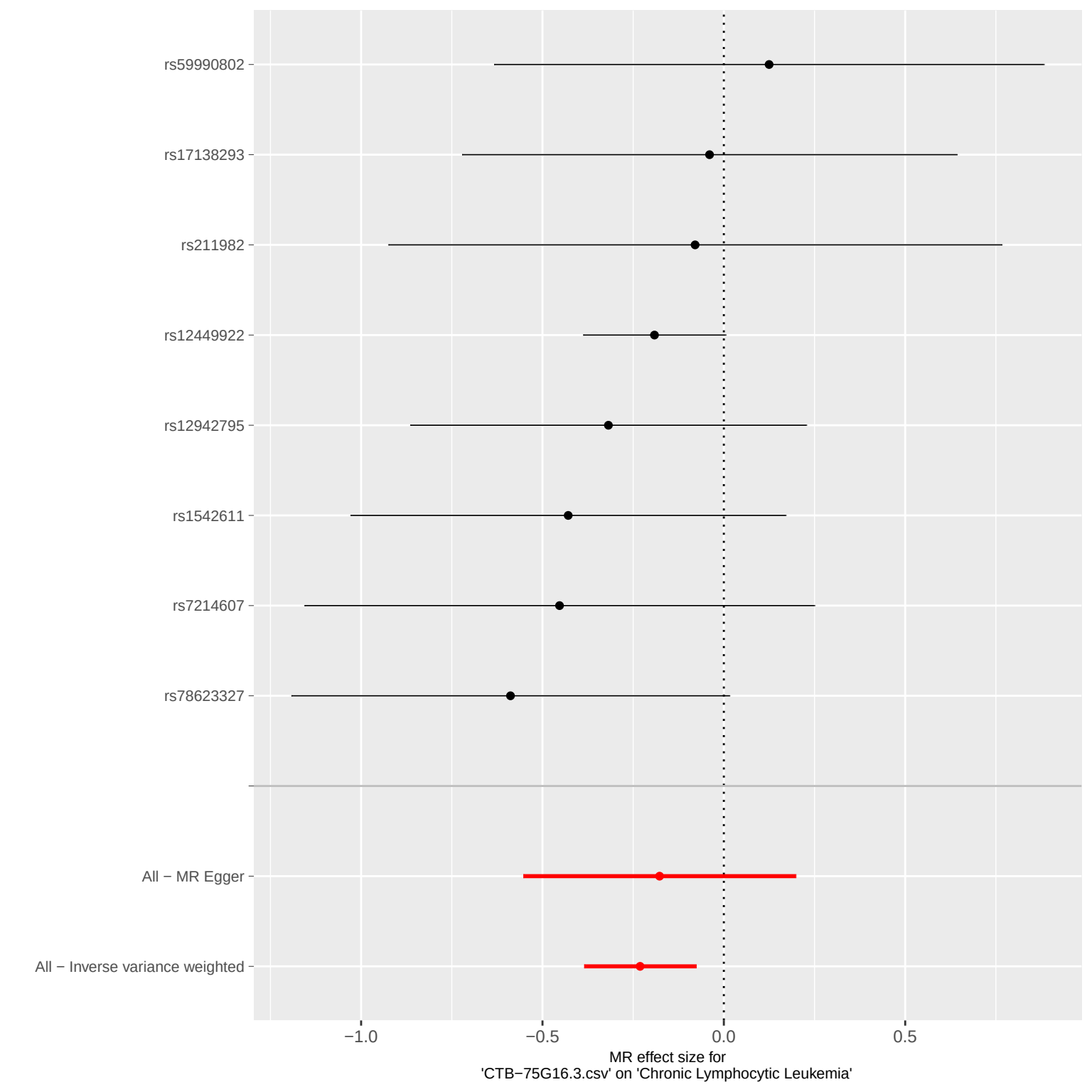
1.0
MR effect size for
'CTB−31N19.3.csv' on 'Chronic Lymphocytic Leukemia'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rs7214607
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All − MR Egger
All − Inverse variance weighted
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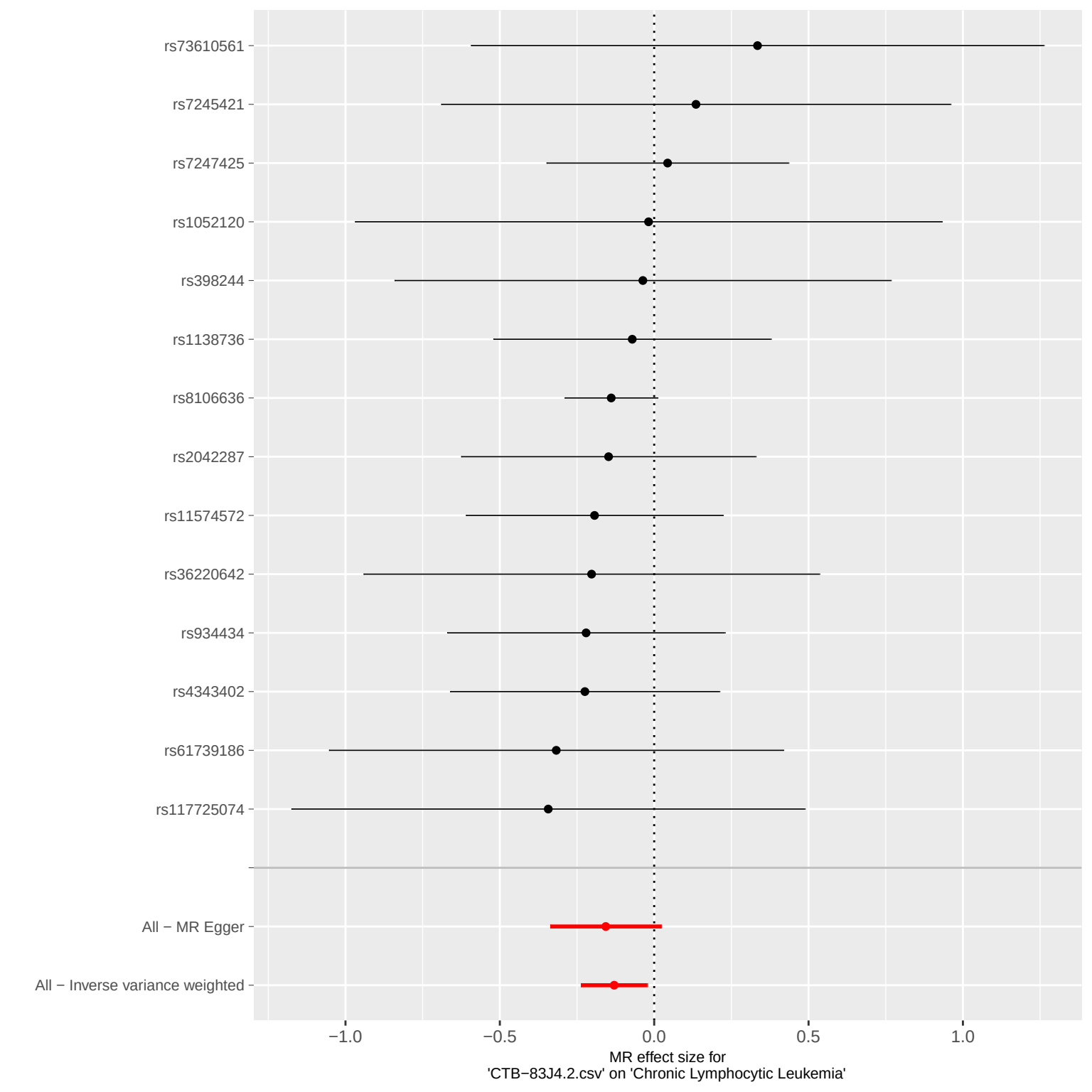
0.0
0.5
MR effect size for
'CTB−75G16.3.csv' on 'Chronic Lymphocytic Leukemia'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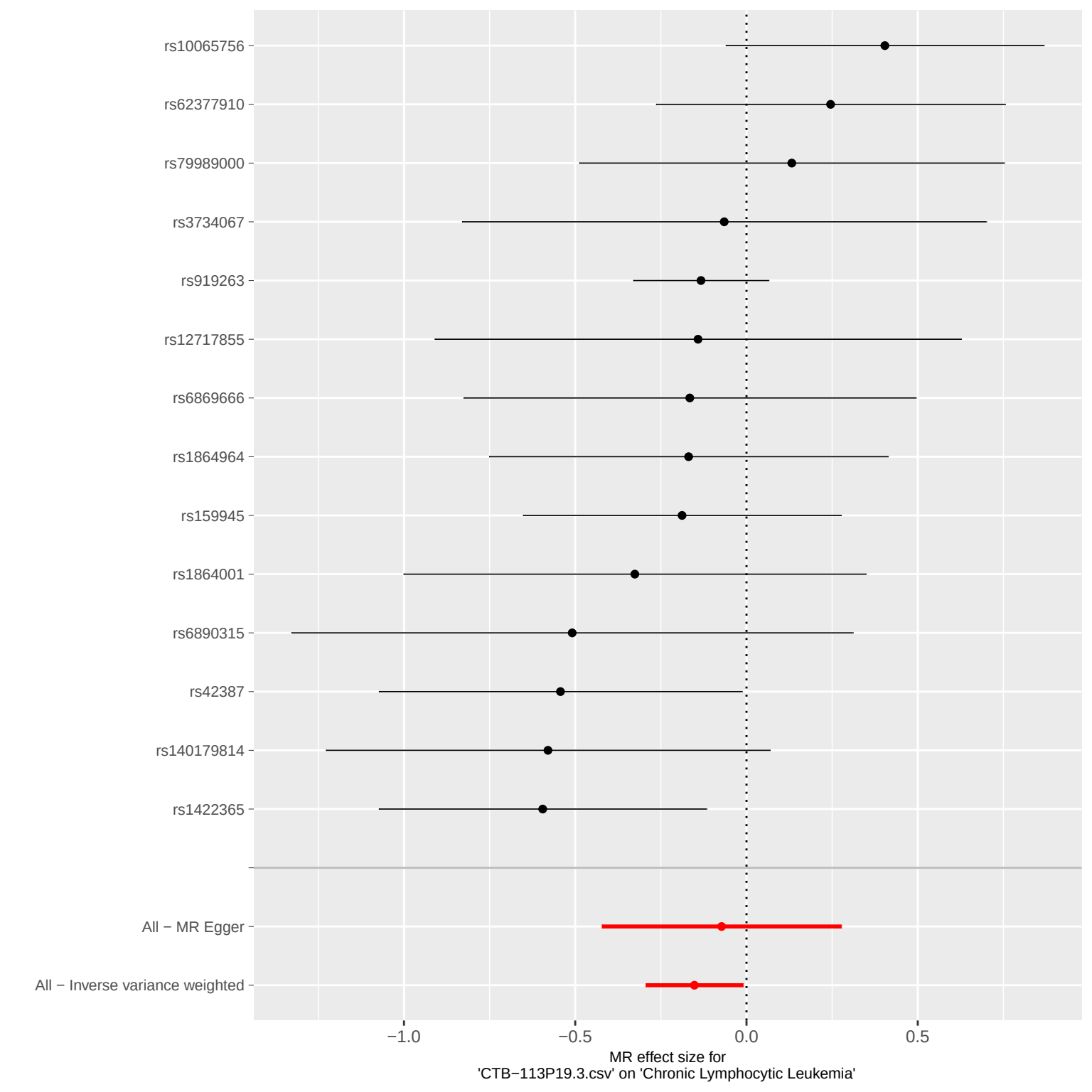
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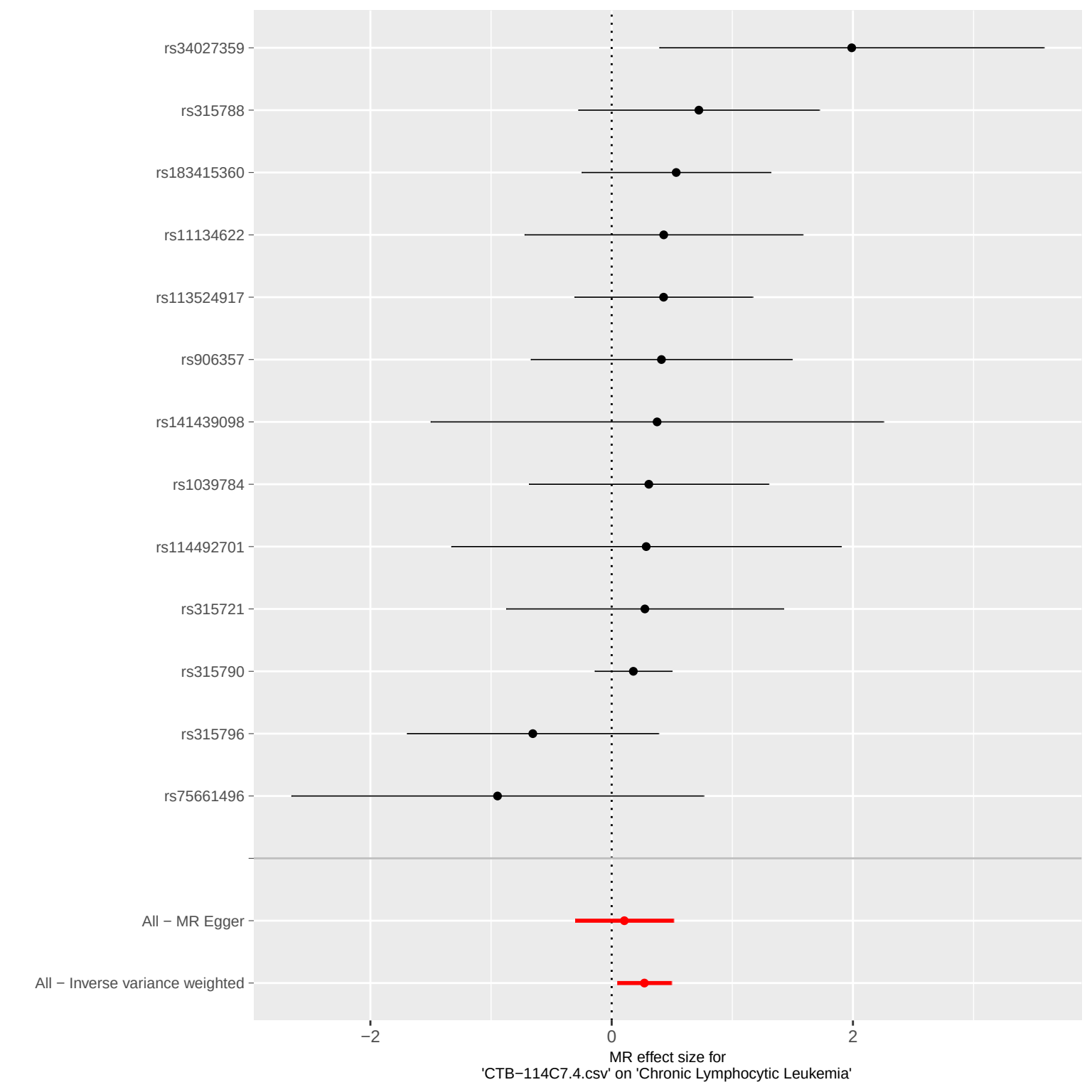
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rs315796
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All − Inverse variance weighted
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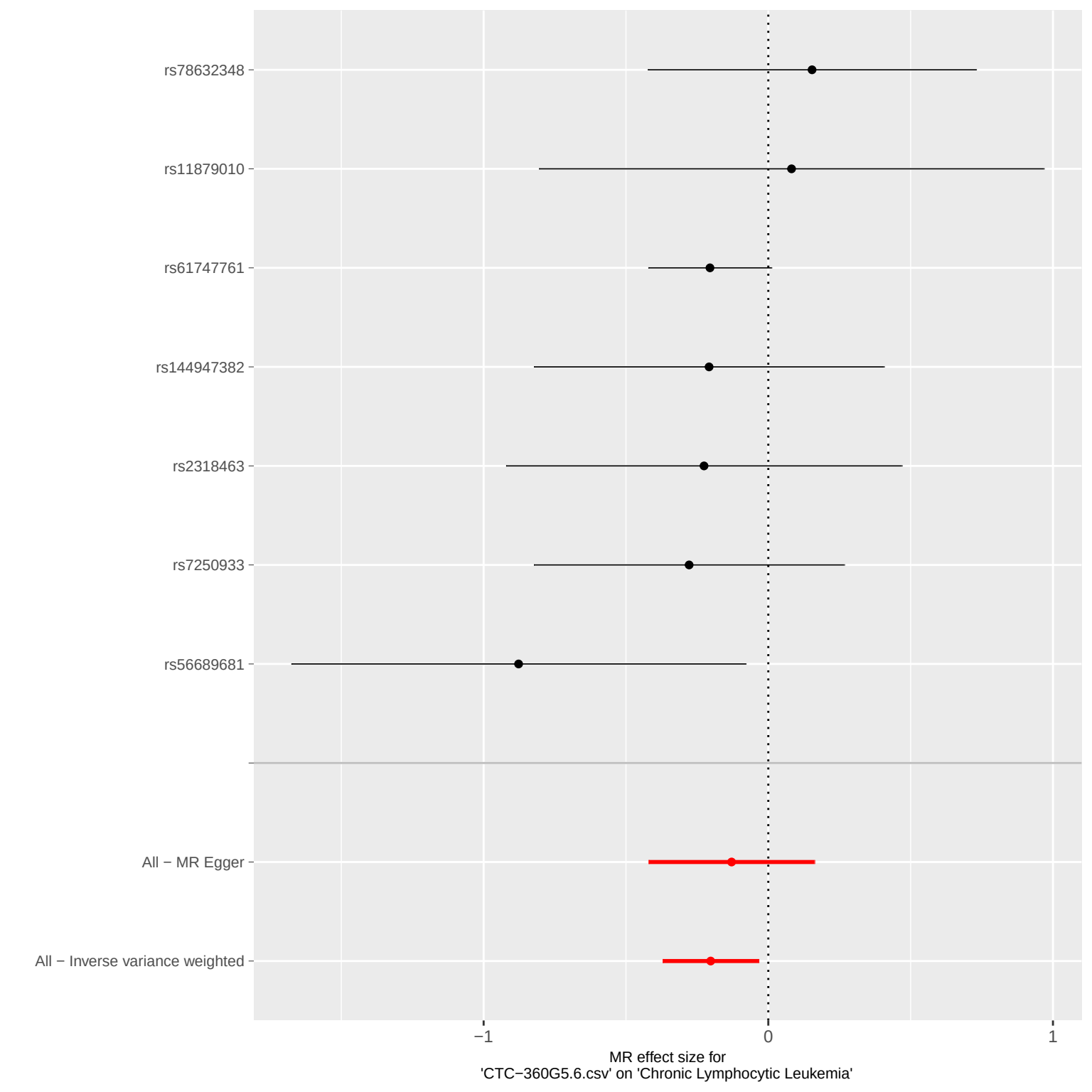
MR effect size for
'CTB−114C7.4.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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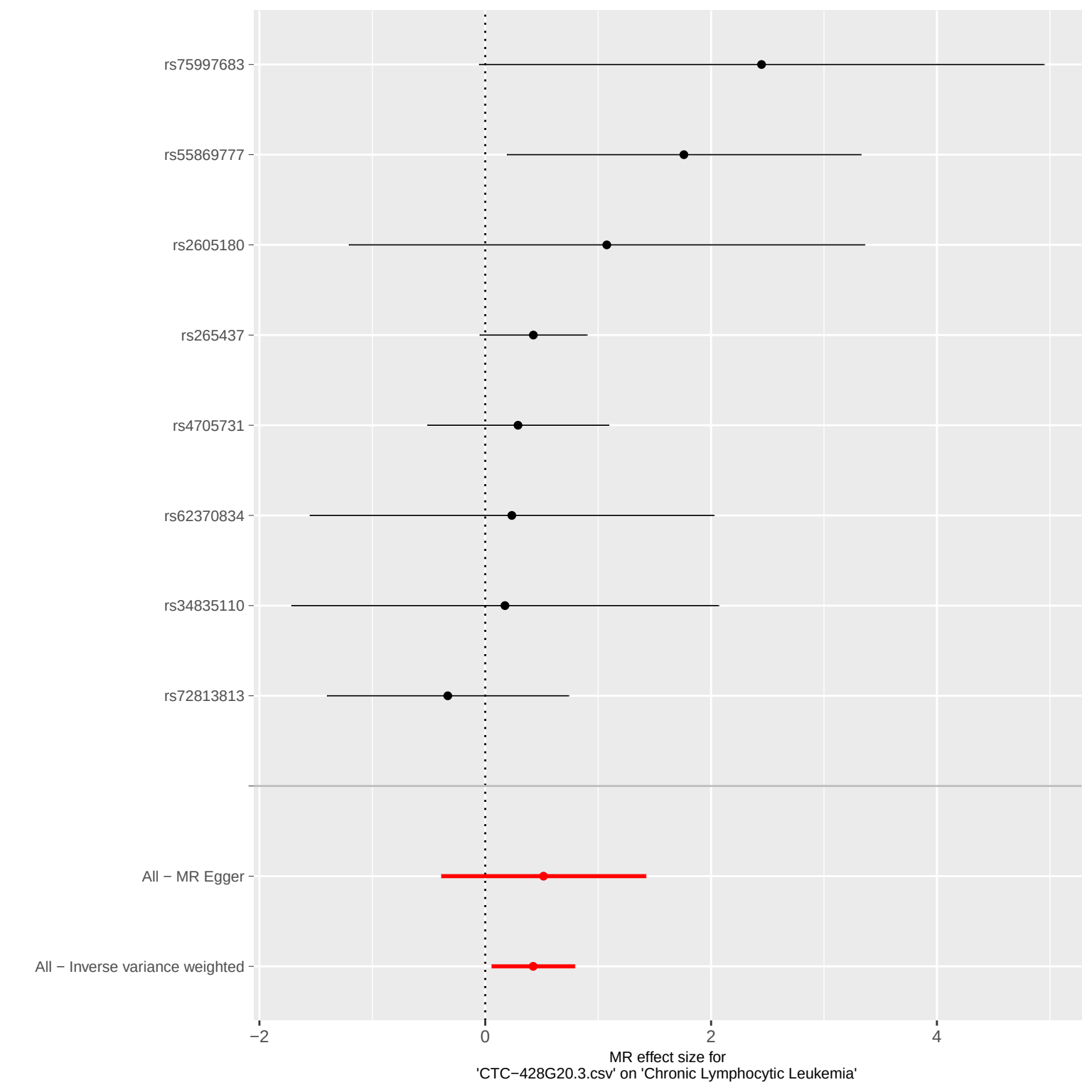
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All − Inverse variance weighted
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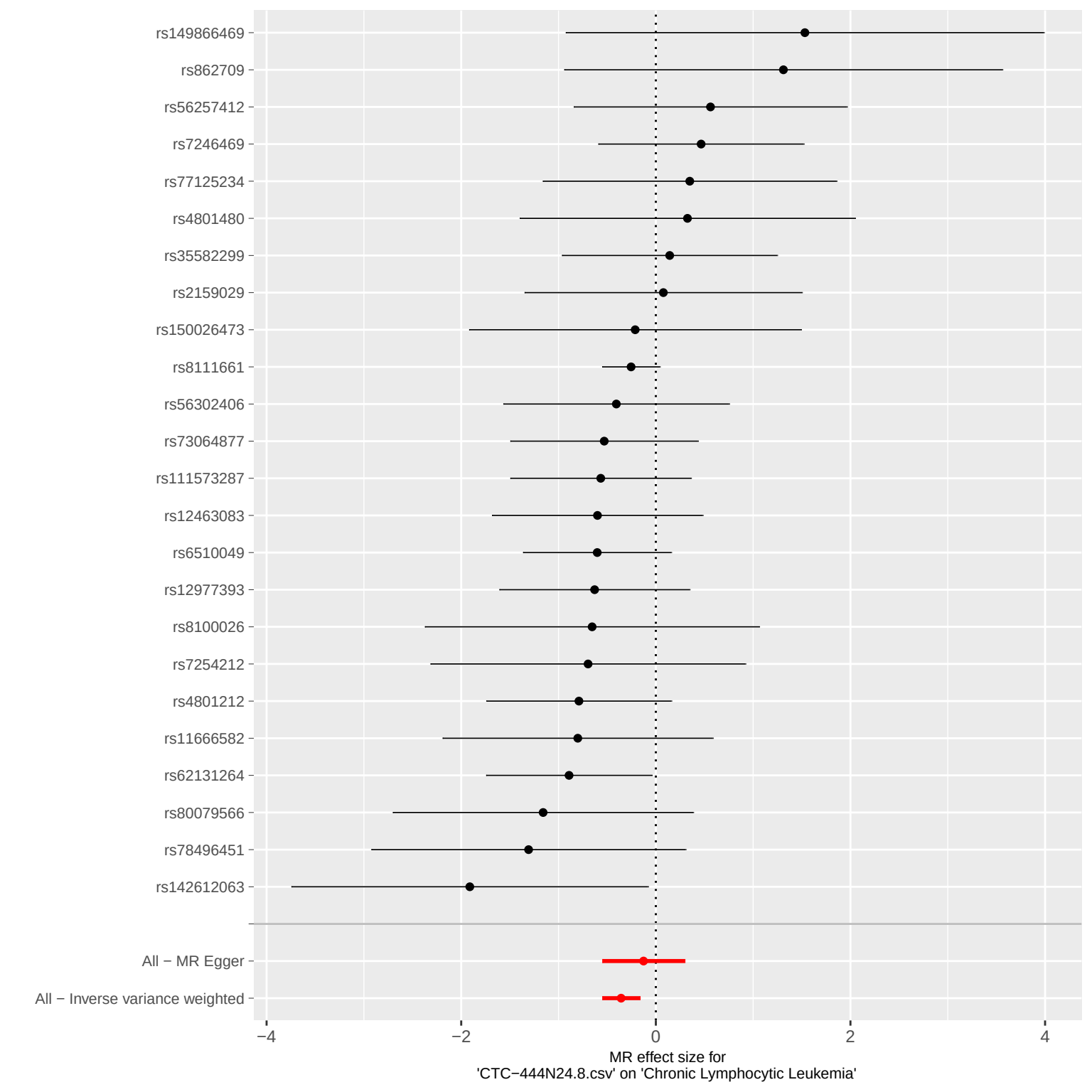
2
4
MR effect size for
'CTC−428G20.3.csv' on 'Chronic Lymphocytic Leukemia'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rs12463083
rs6510049
rs12977393
rs8100026
rs7254212
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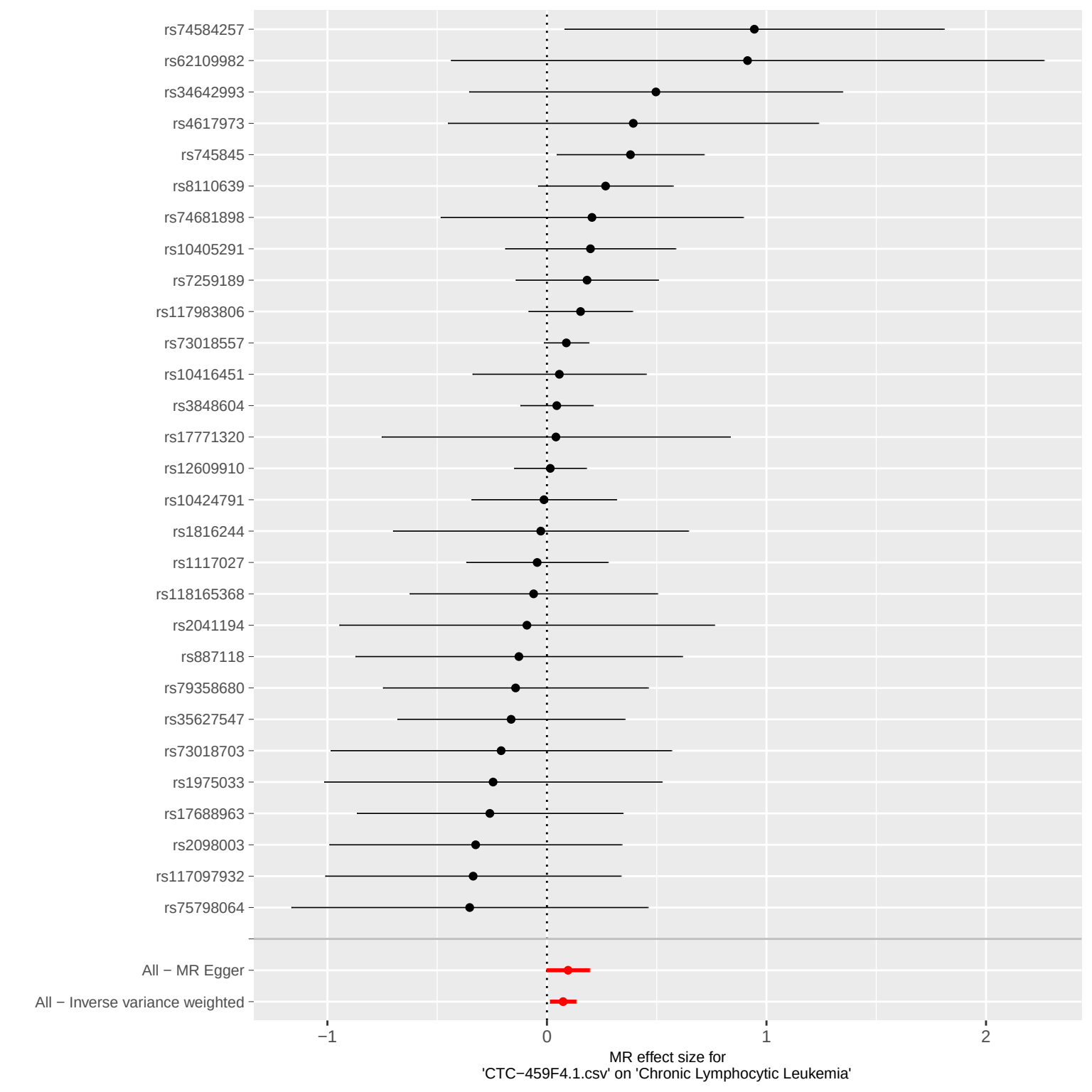
rs11666582
rs62131264
rs80079566
rs78496451
rs142612063
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CTC−444N24.8.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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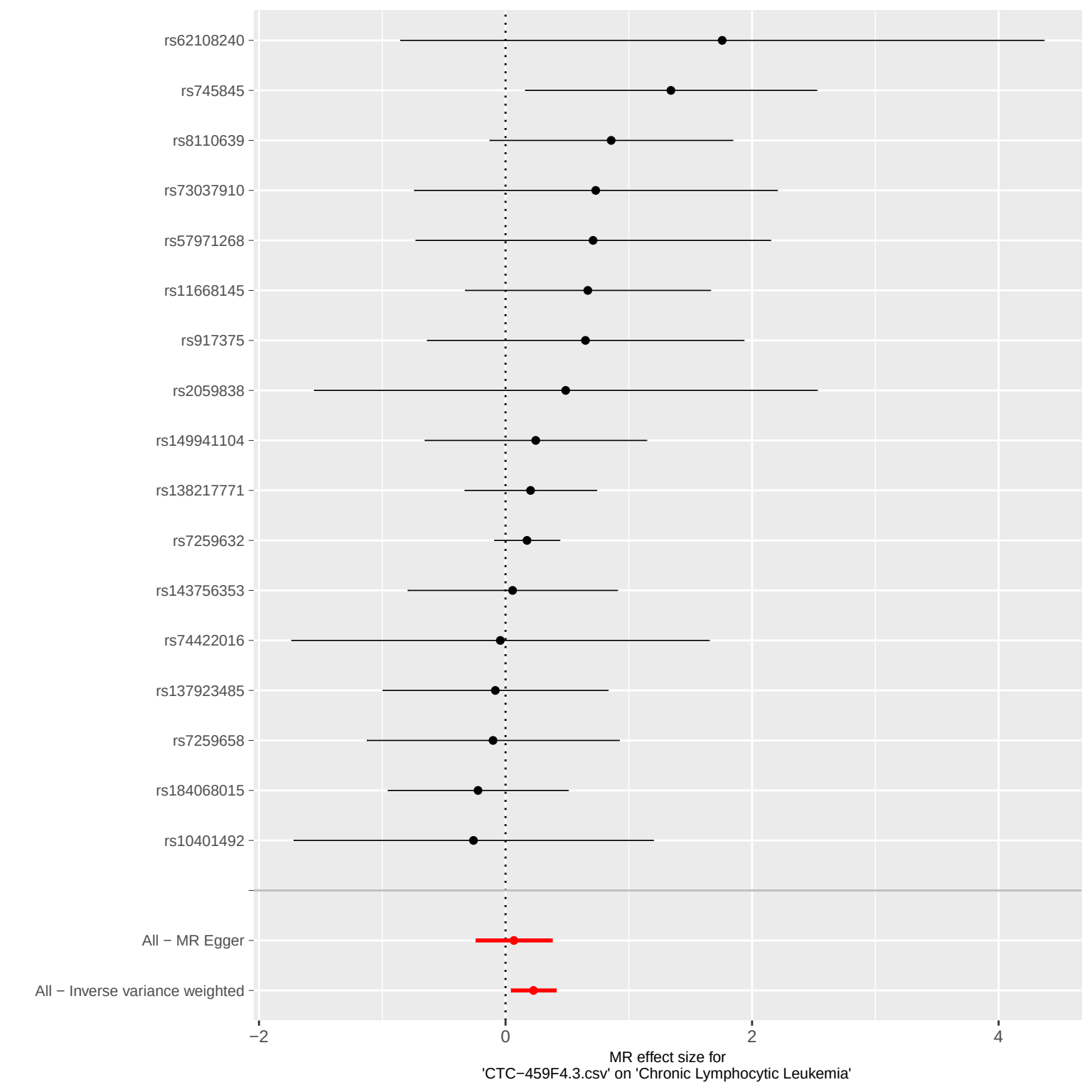
MR effect size for
'CTC−459F4.1.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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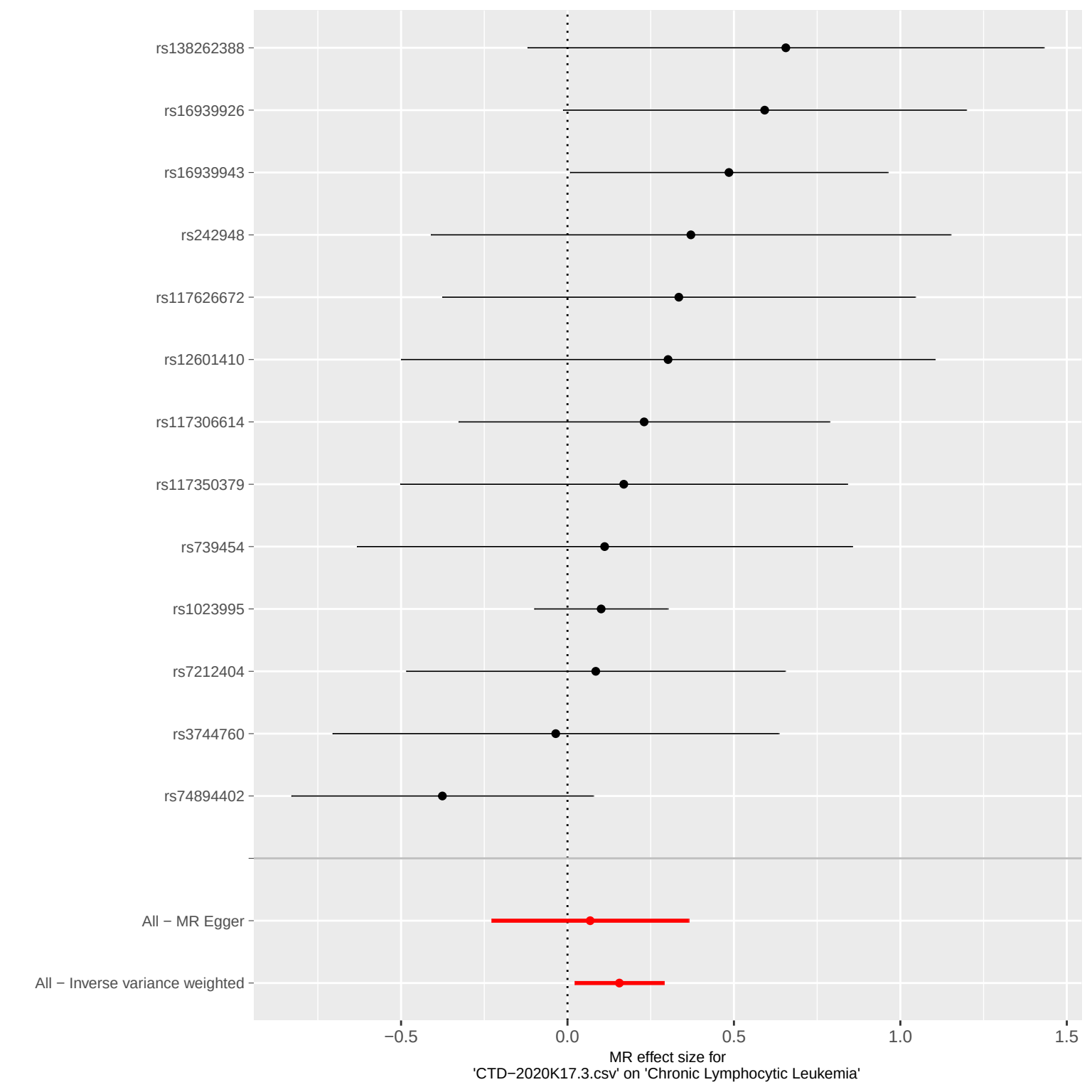
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rs74894402
All − MR Egger
All − Inverse variance weighted
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0.5
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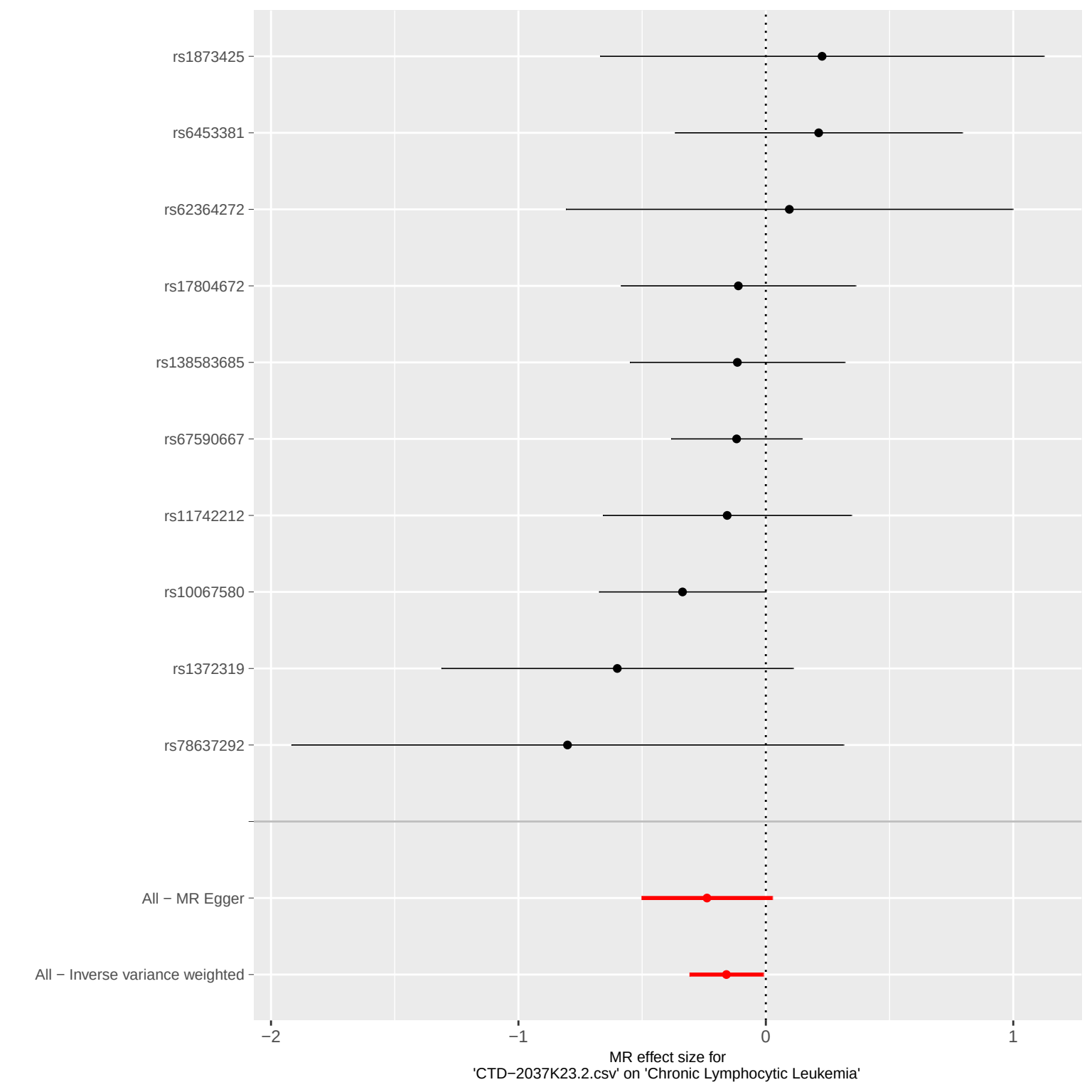
1.5
MR effect size for
'CTD−2020K17.3.csv' on 'Chronic Lymphocytic Leukemia'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0
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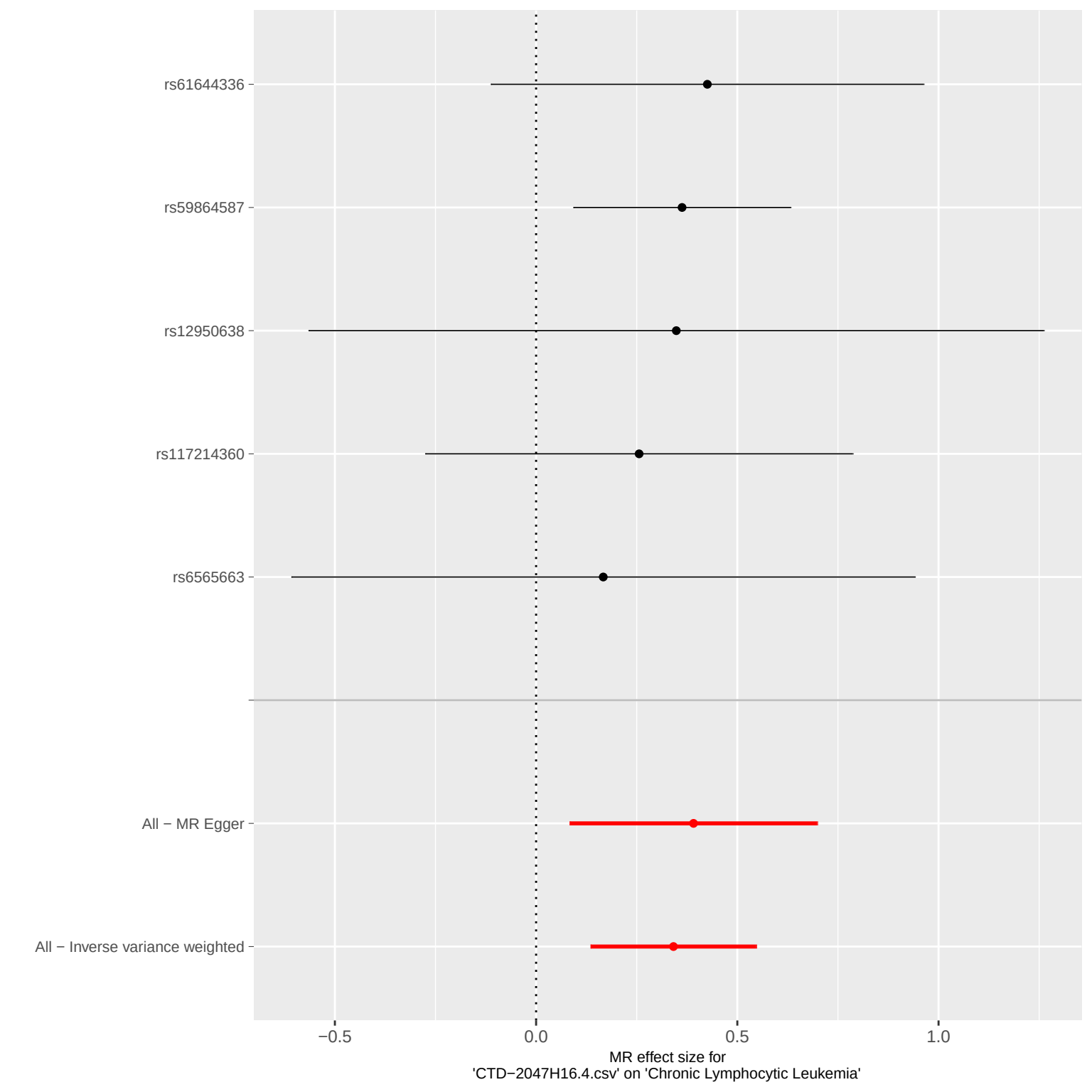
MR effect size for
'CTD−2037K23.2.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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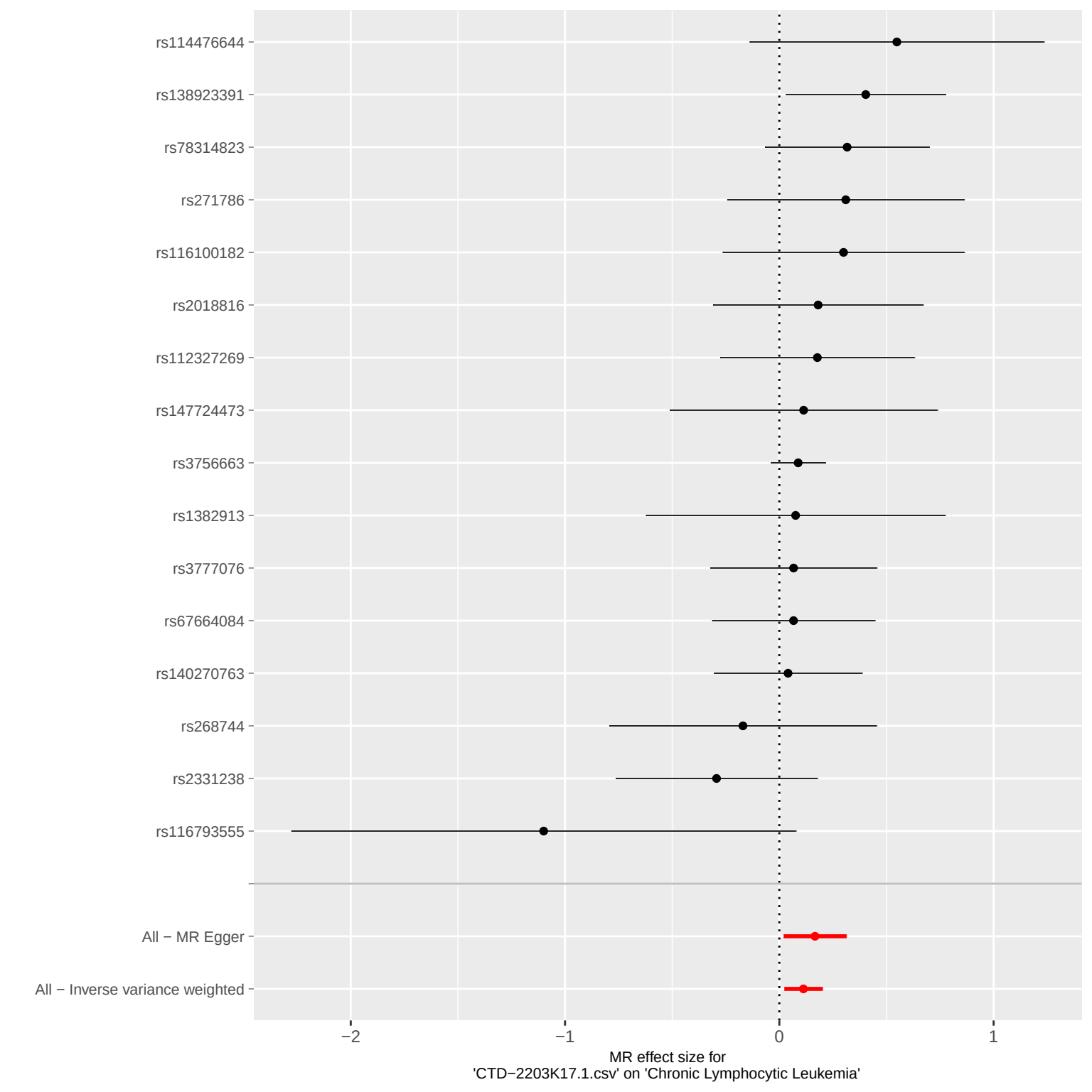
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rs140270763
rs268744
rs2331238
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MR effect size for
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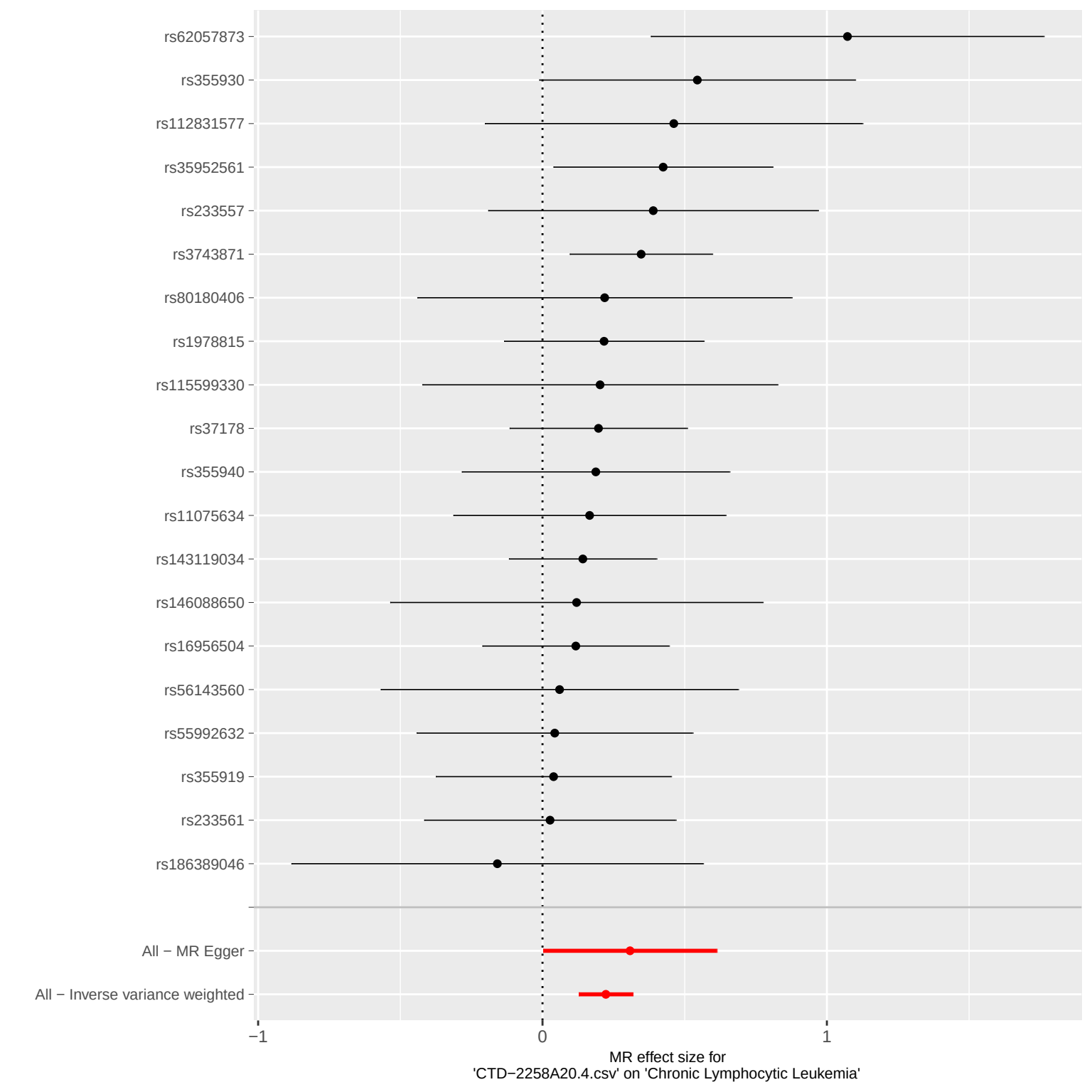
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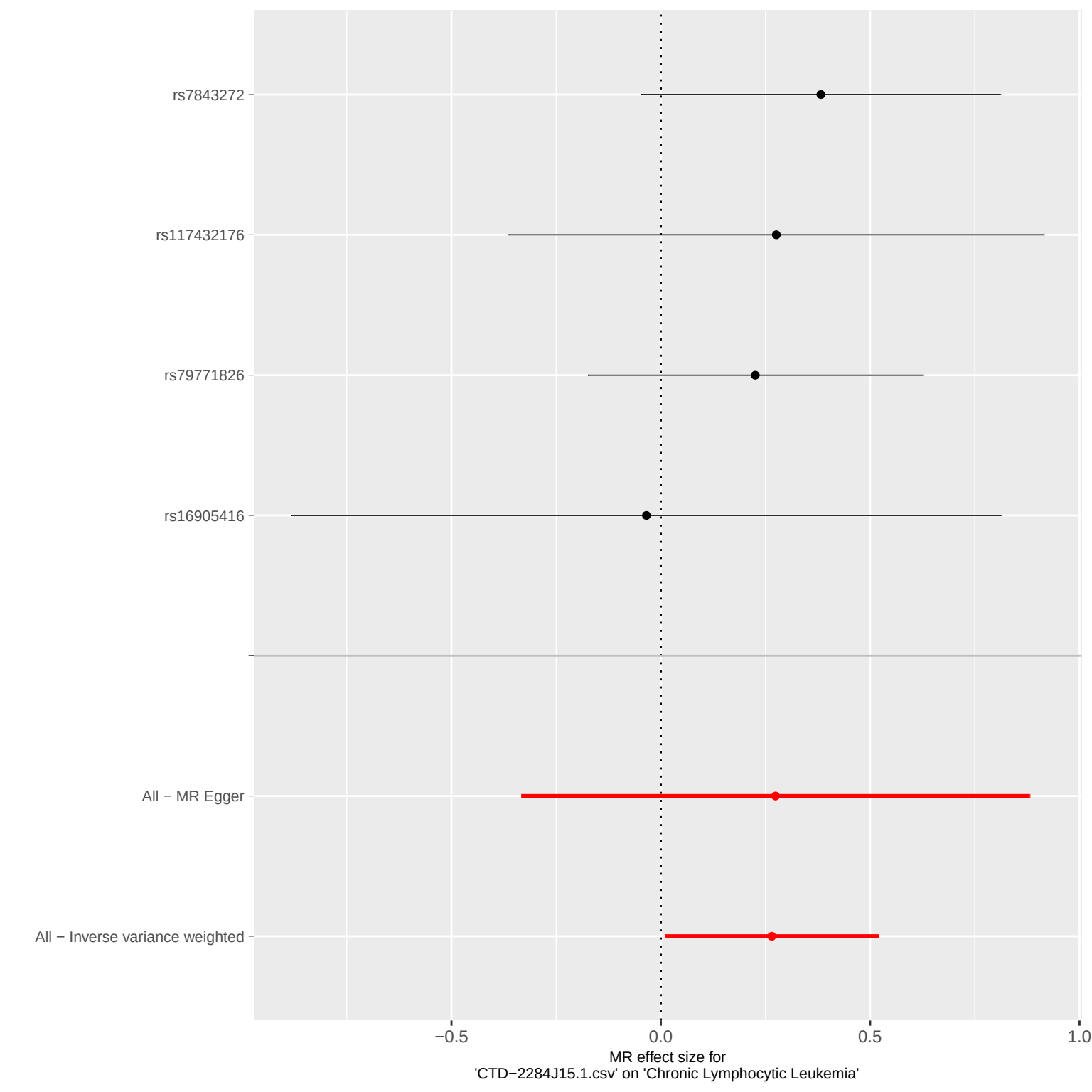
MR effect size for
'CTD−2258A20.4.csv' on 'Chronic Lymphocytic Leukemia'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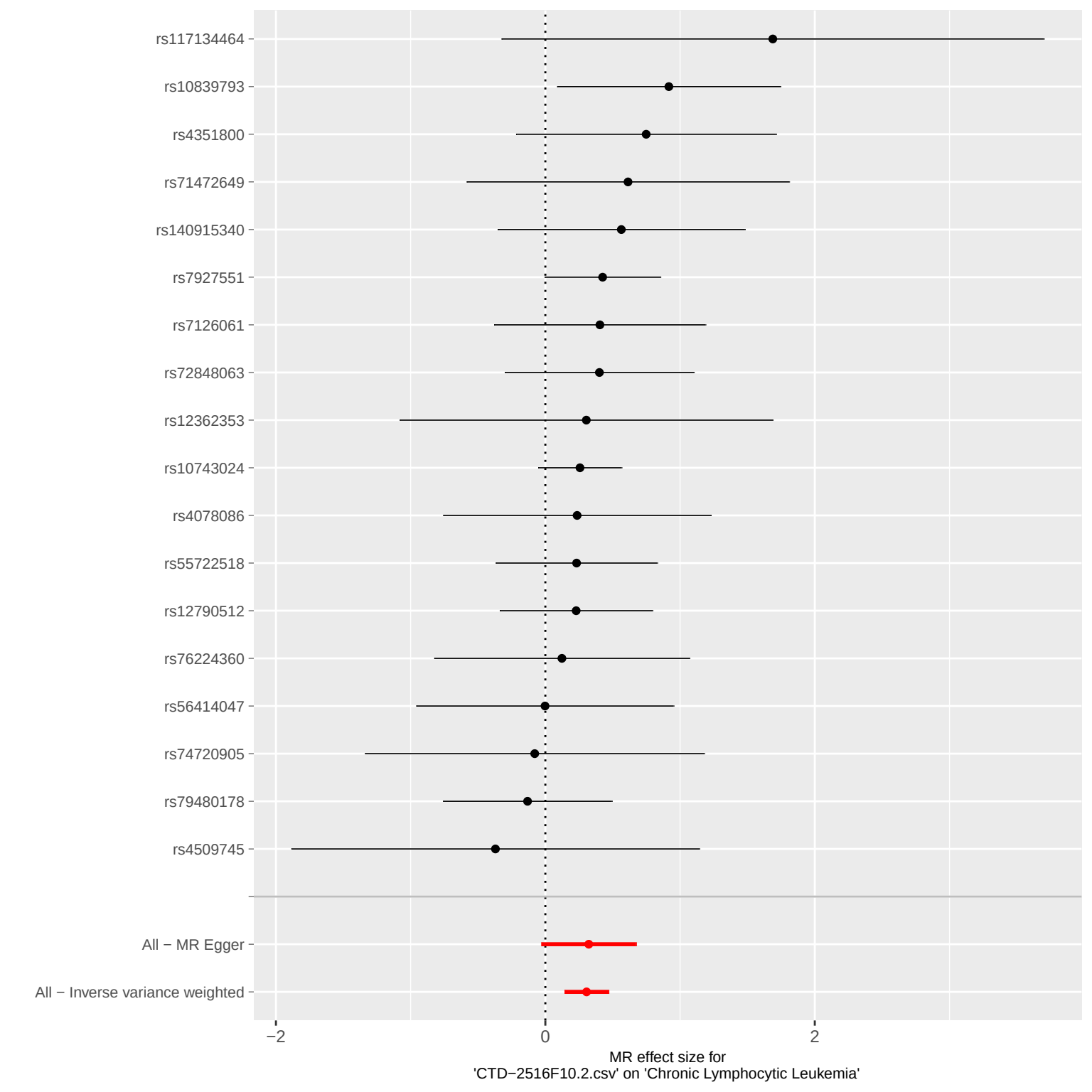
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All − MR Egger
All − Inverse variance weighted
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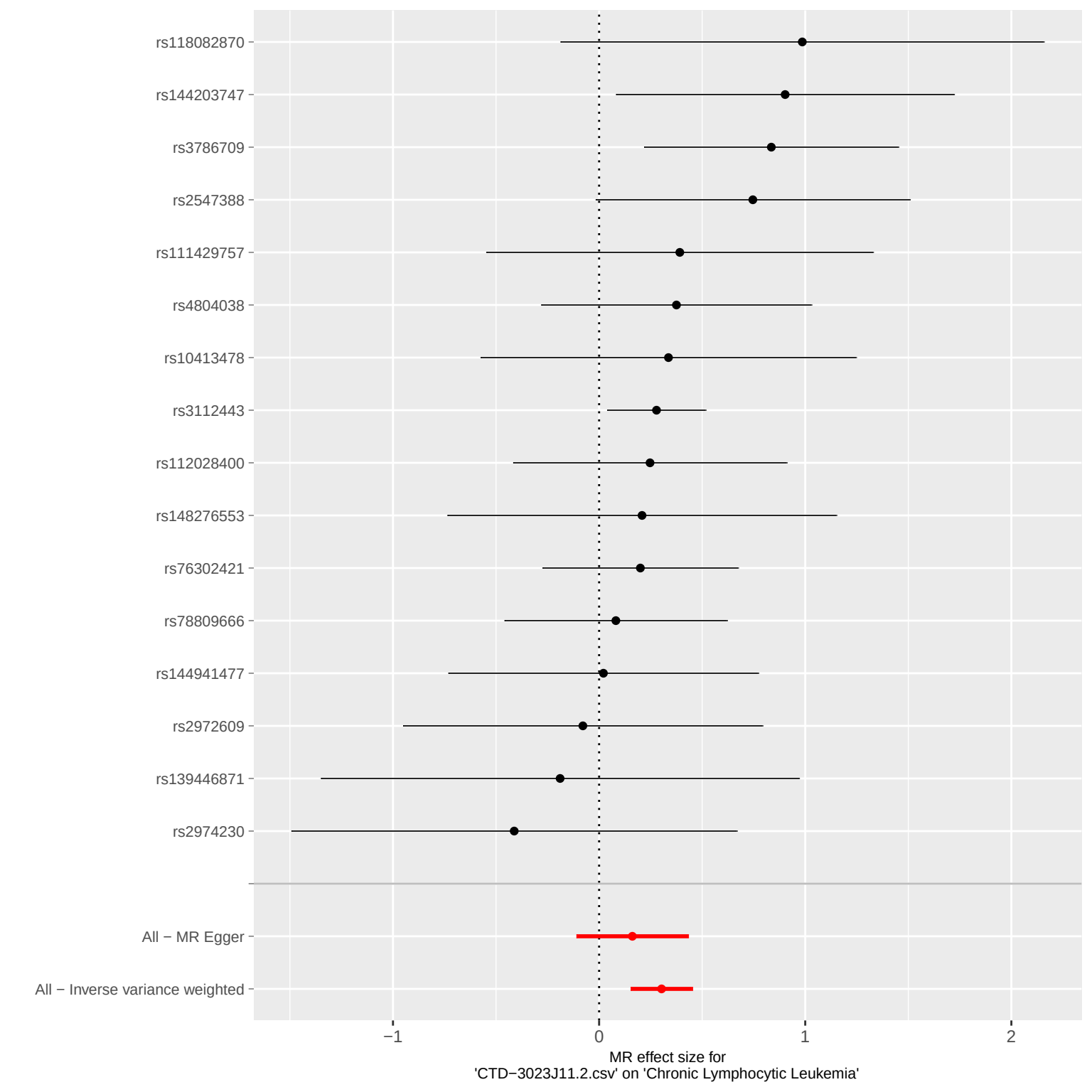
MR effect size for
'CTD−2516F10.2.csv' on 'Chronic Lymphocytic Leukemia'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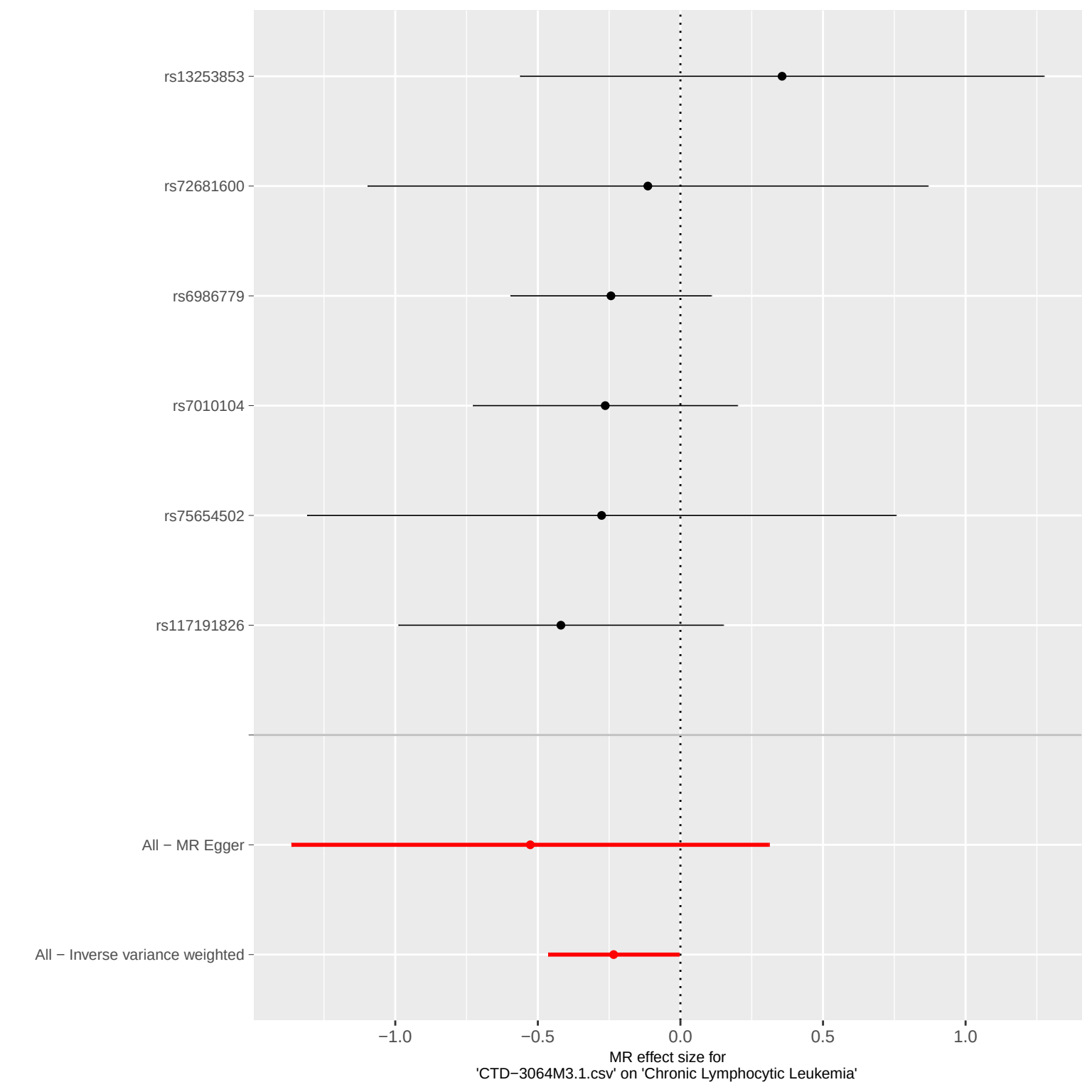
MR effect size for
'CTD−3023J11.2.csv' on 'Chronic Lymphocytic Leukemia'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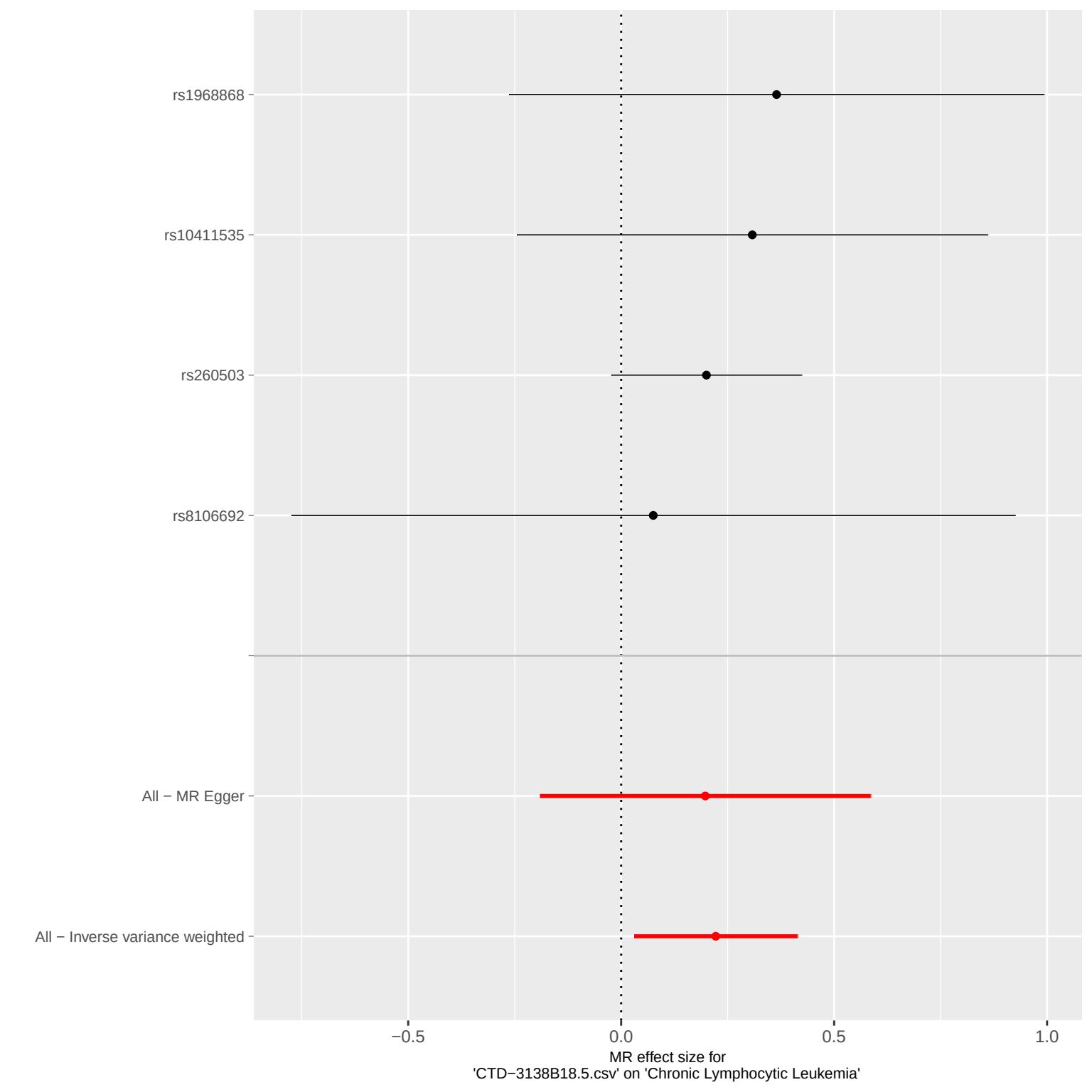
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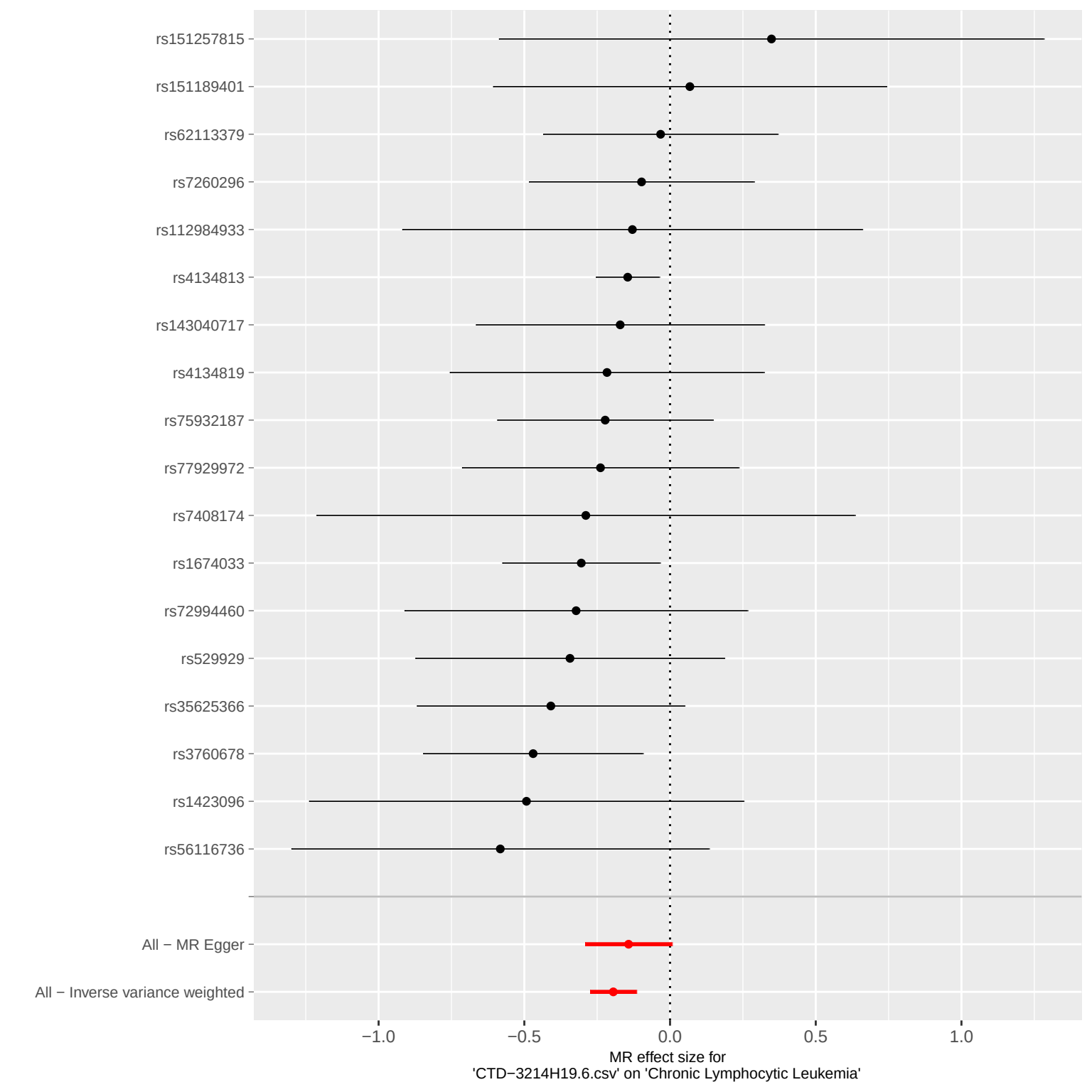
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All − Inverse variance weighted
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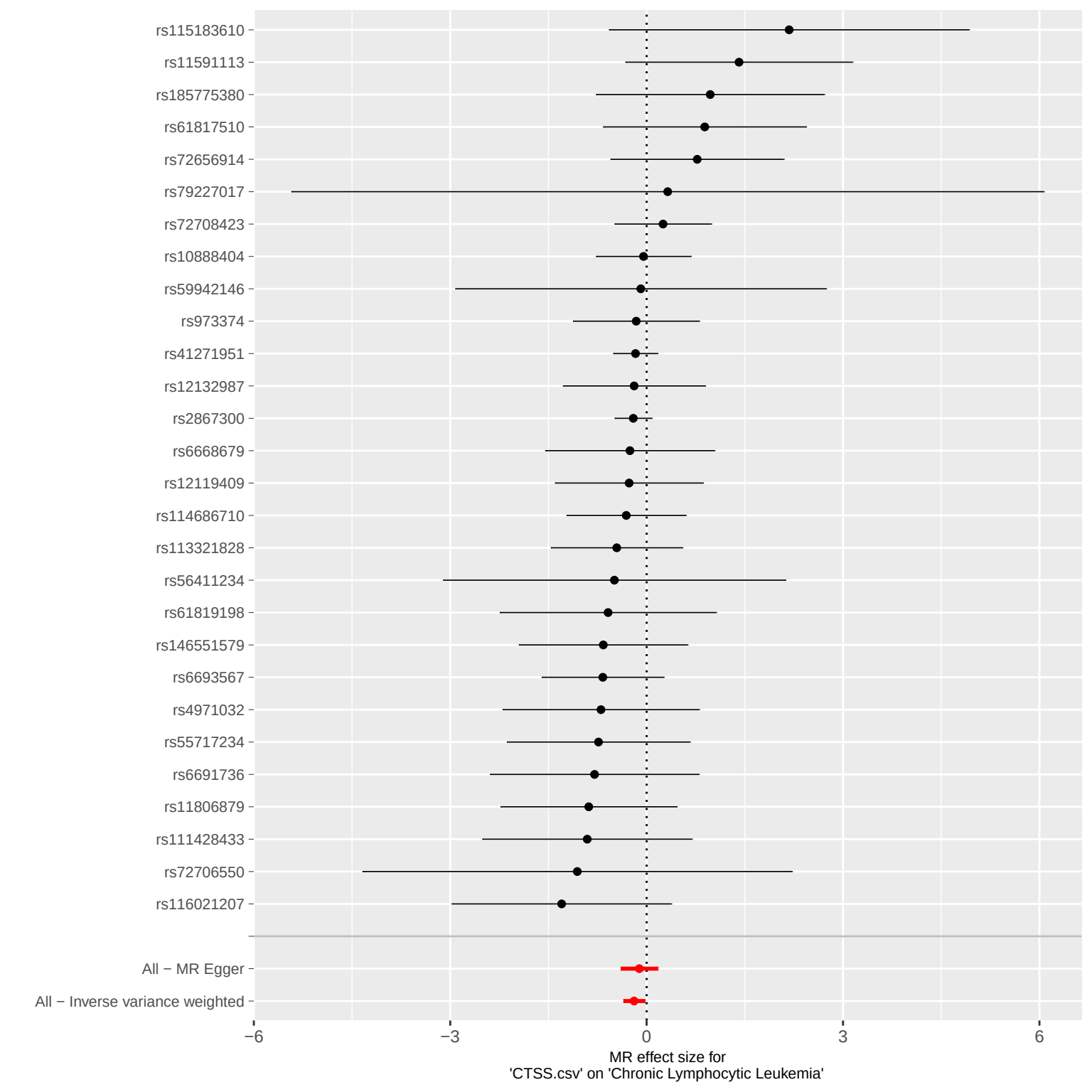
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All − MR Egger
All − Inverse variance weighted
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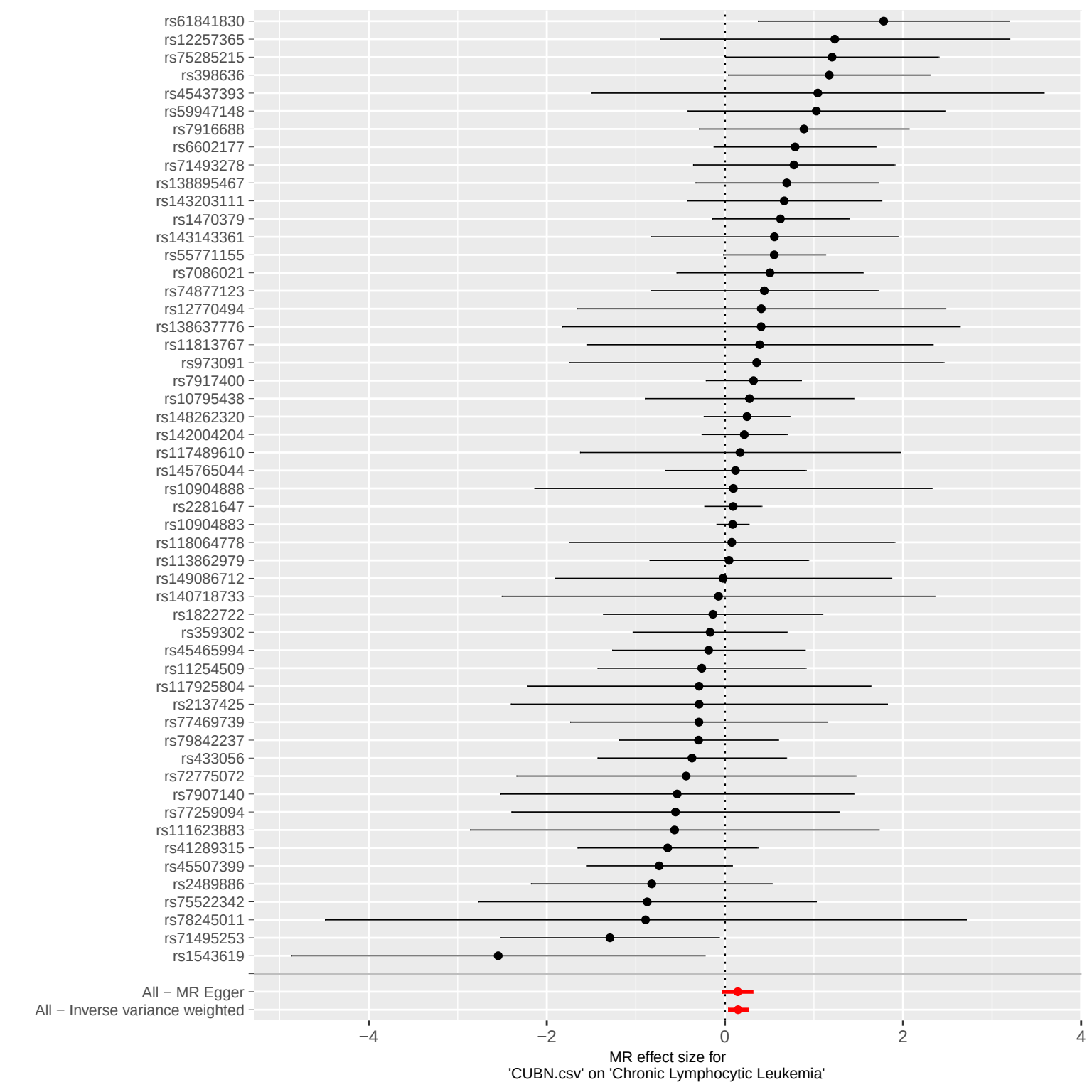
6
MR effect size for
'CTSS.csv' on 'Chronic Lymphocytic Leukemia'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rs2489886
rs75522342
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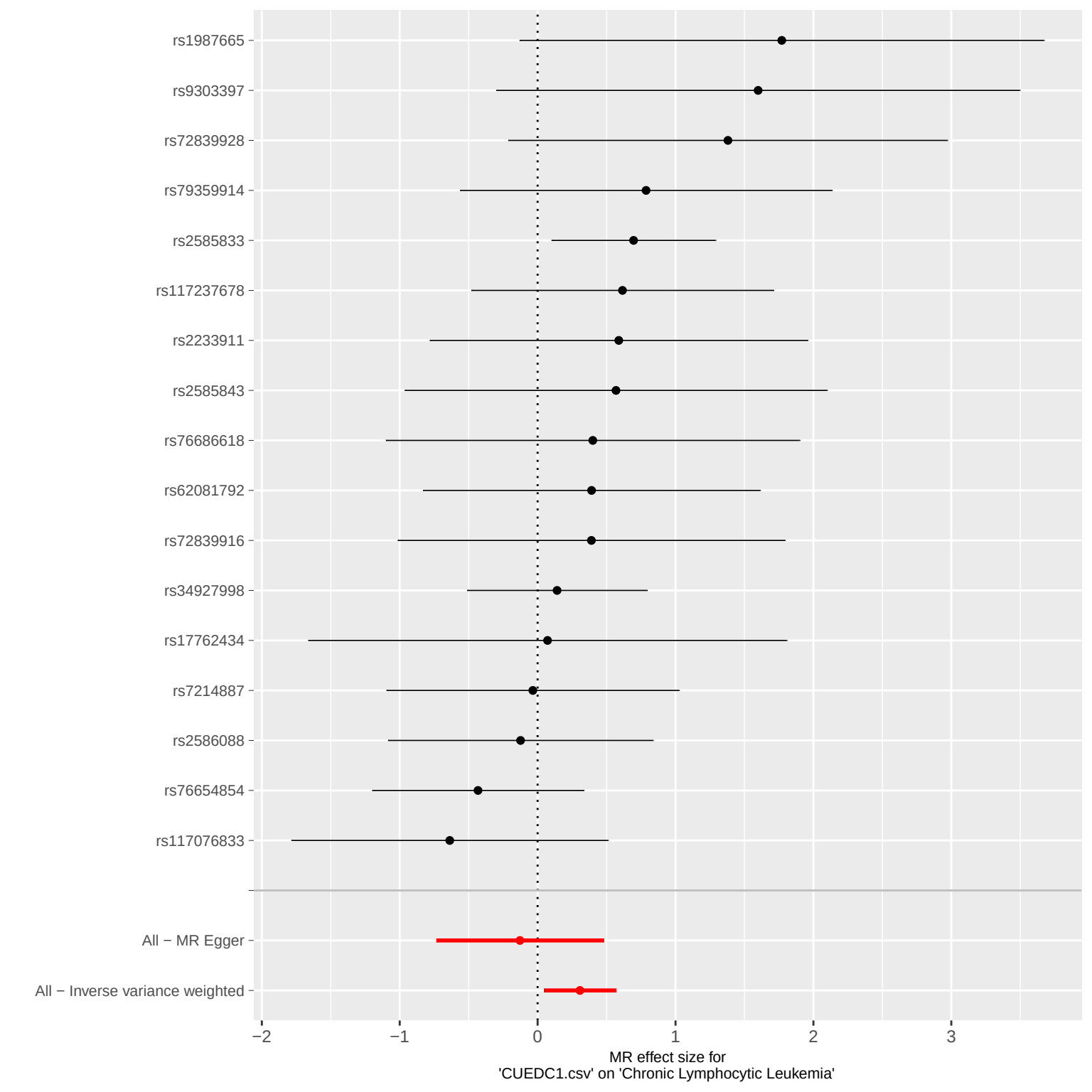
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'CUBN.csv' on 'Chronic Lymphocytic Leukemia'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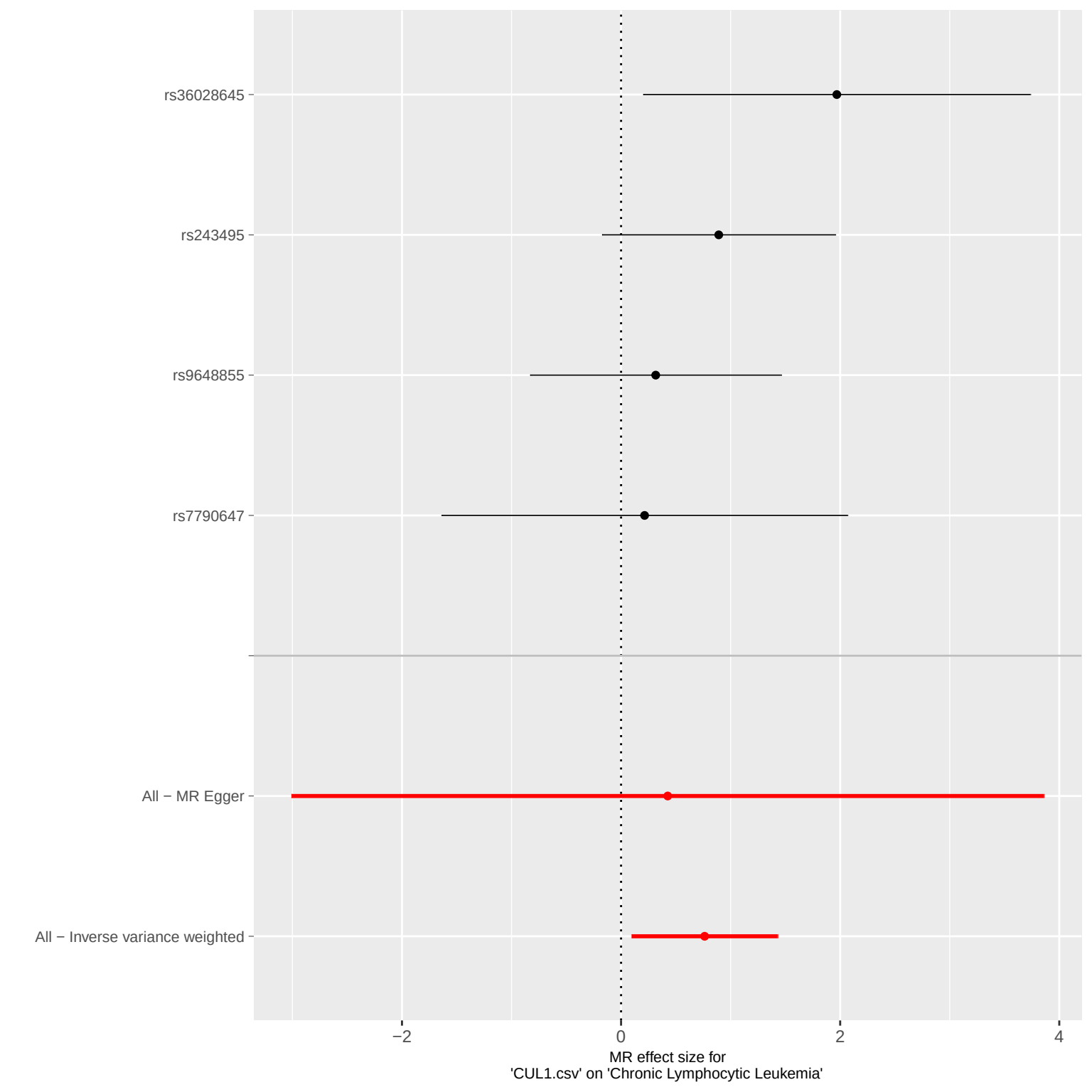
rs34927998
rs17762434
rs7214887
rs2586088
rs76654854
rs117076833
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'CUEDC1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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0
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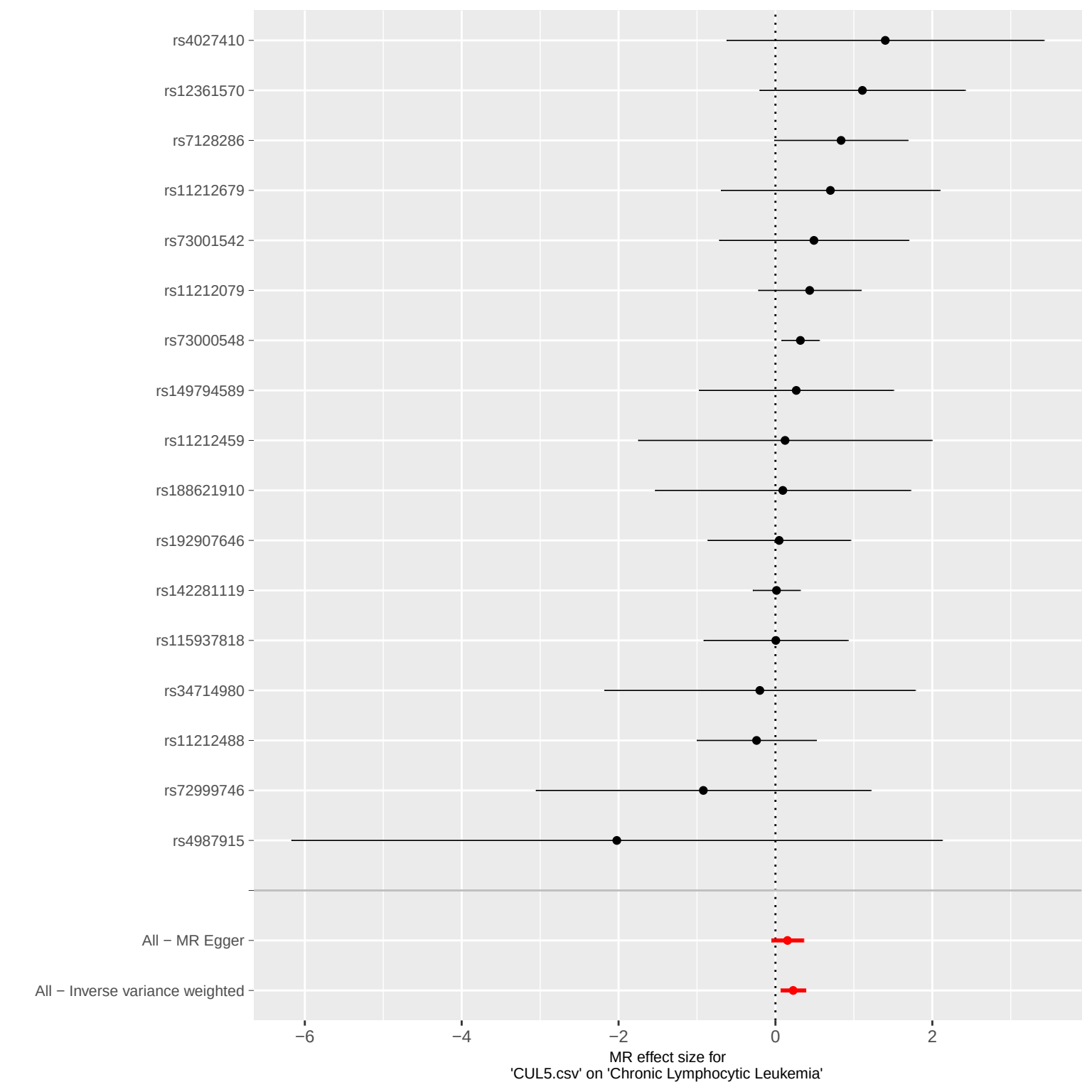
MR effect size for
'CUL1.csv' on 'Chronic Lymphocytic Leukemia'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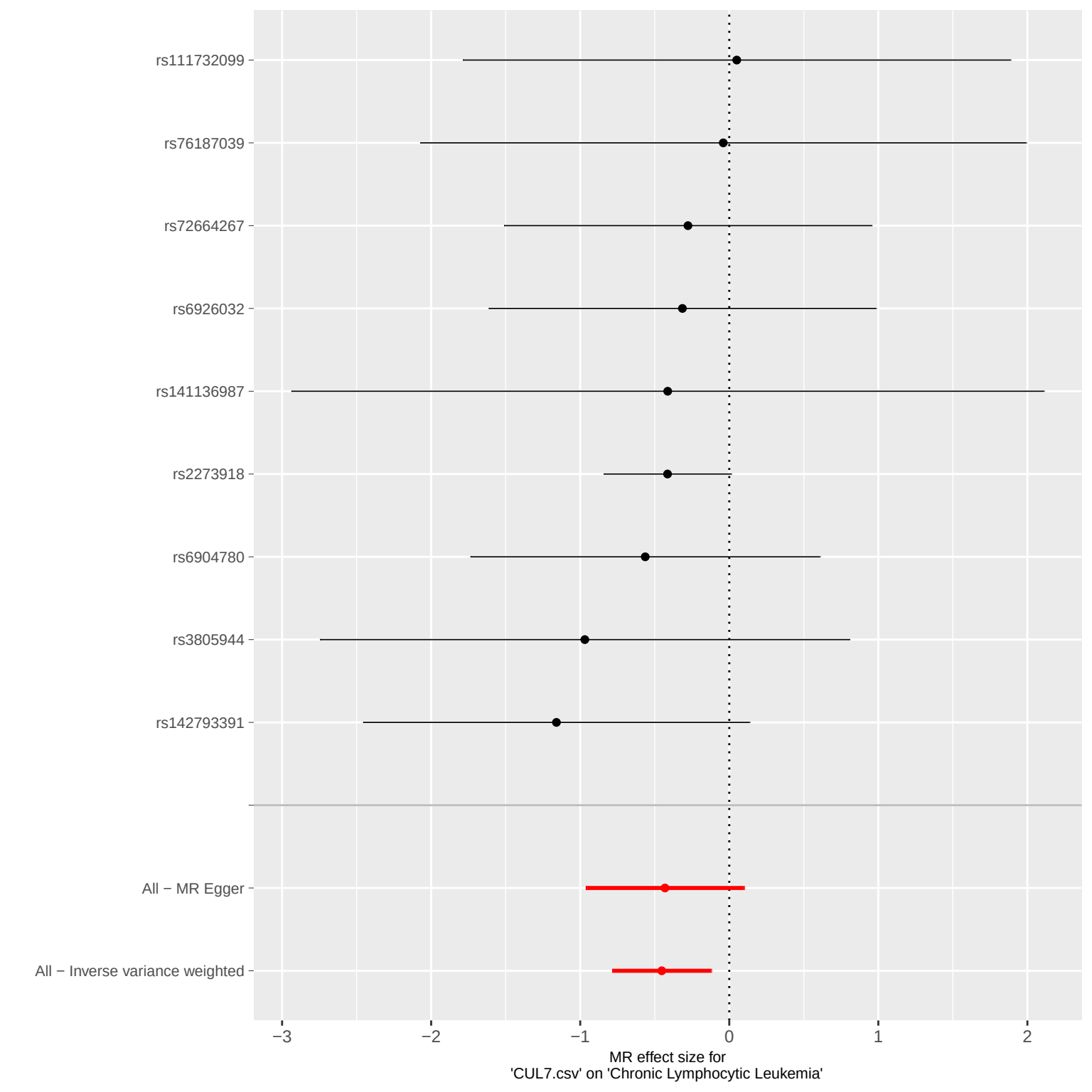
rs115937818
rs34714980
rs11212488
rs72999746
rs4987915
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'CUL5.csv' on 'Chronic Lymphocytic Leukemia'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rs6904780
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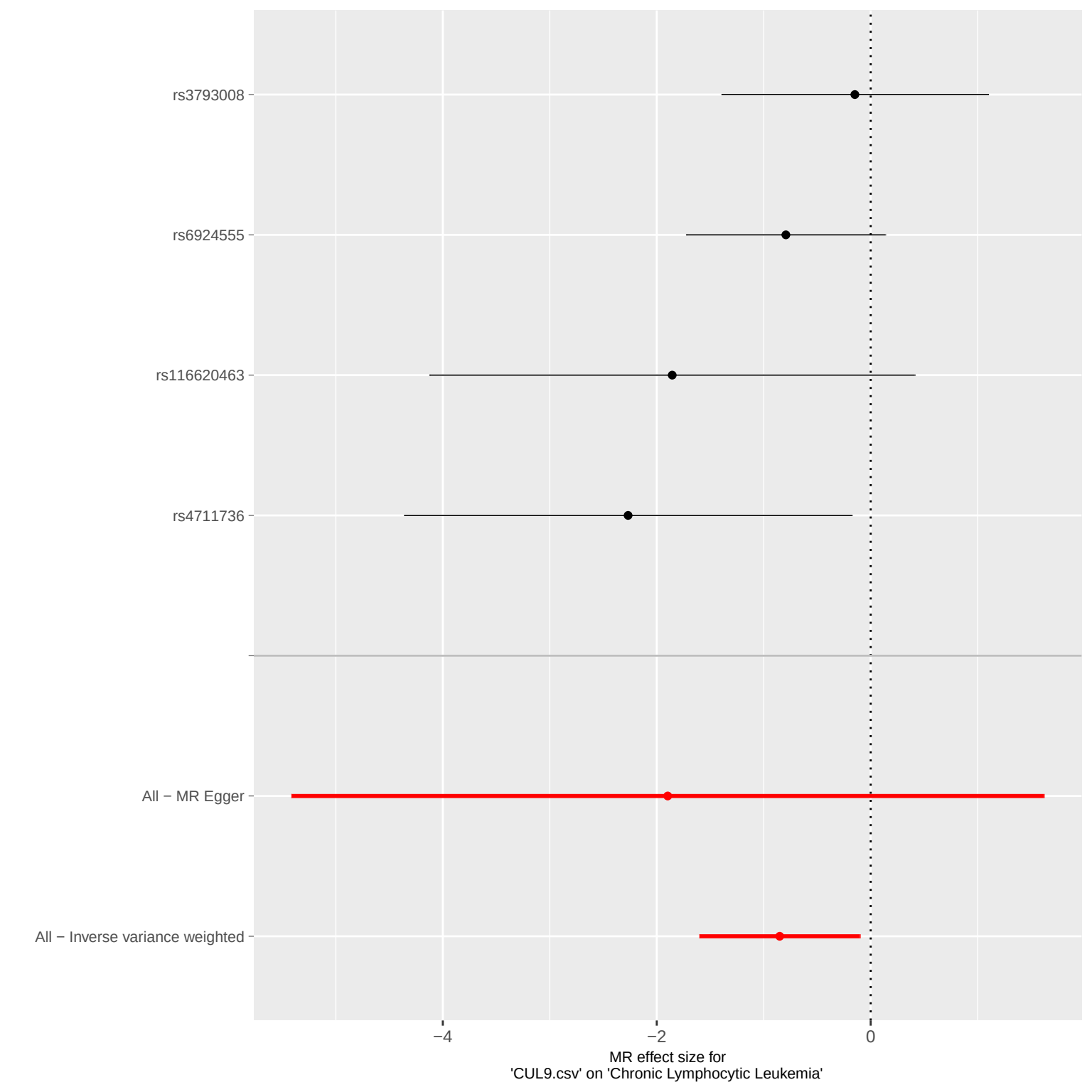
rs142793391
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'CUL7.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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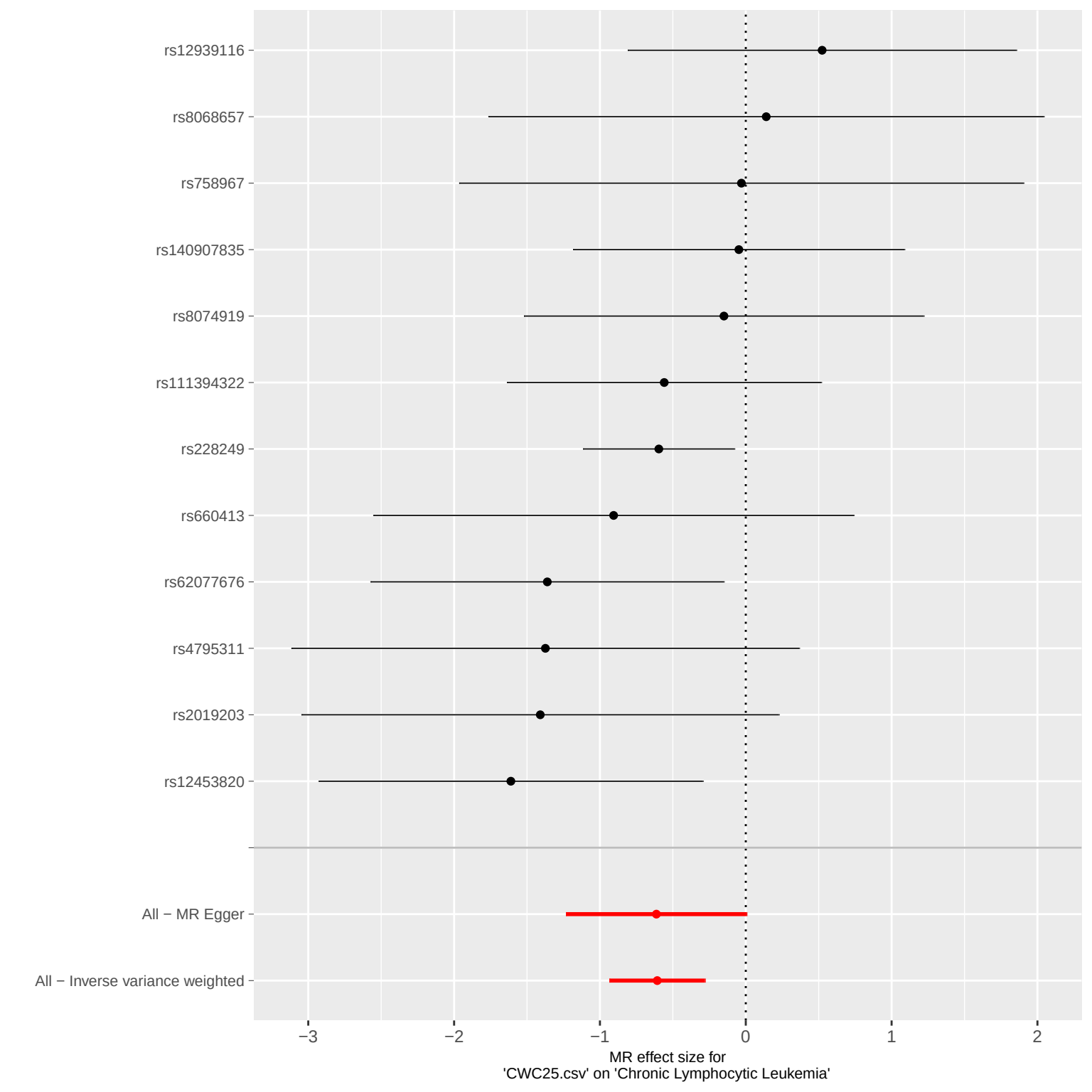
MR effect size for
'CUL9.csv' on 'Chronic Lymphocytic Leukemia'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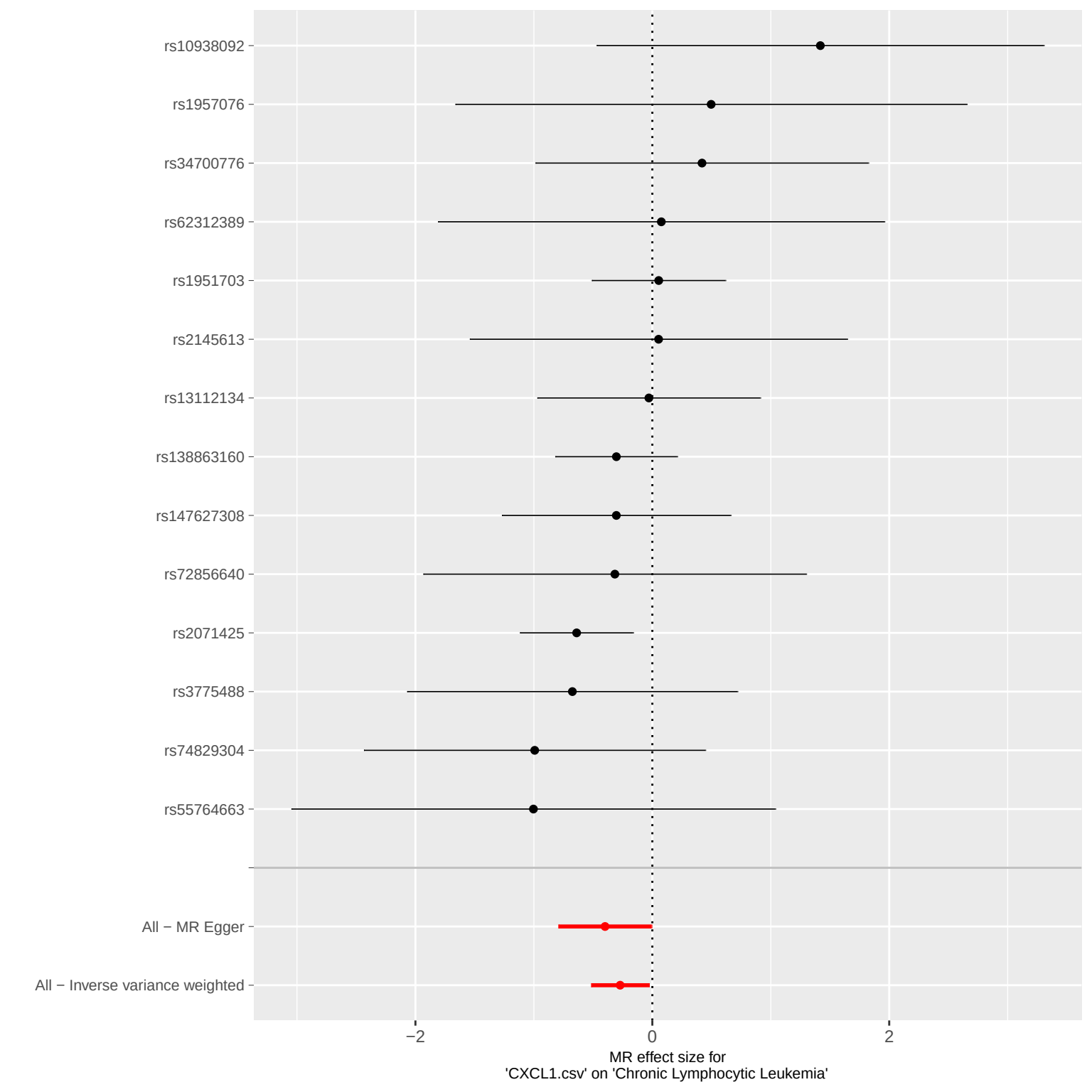
rs12453820
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'CWC25.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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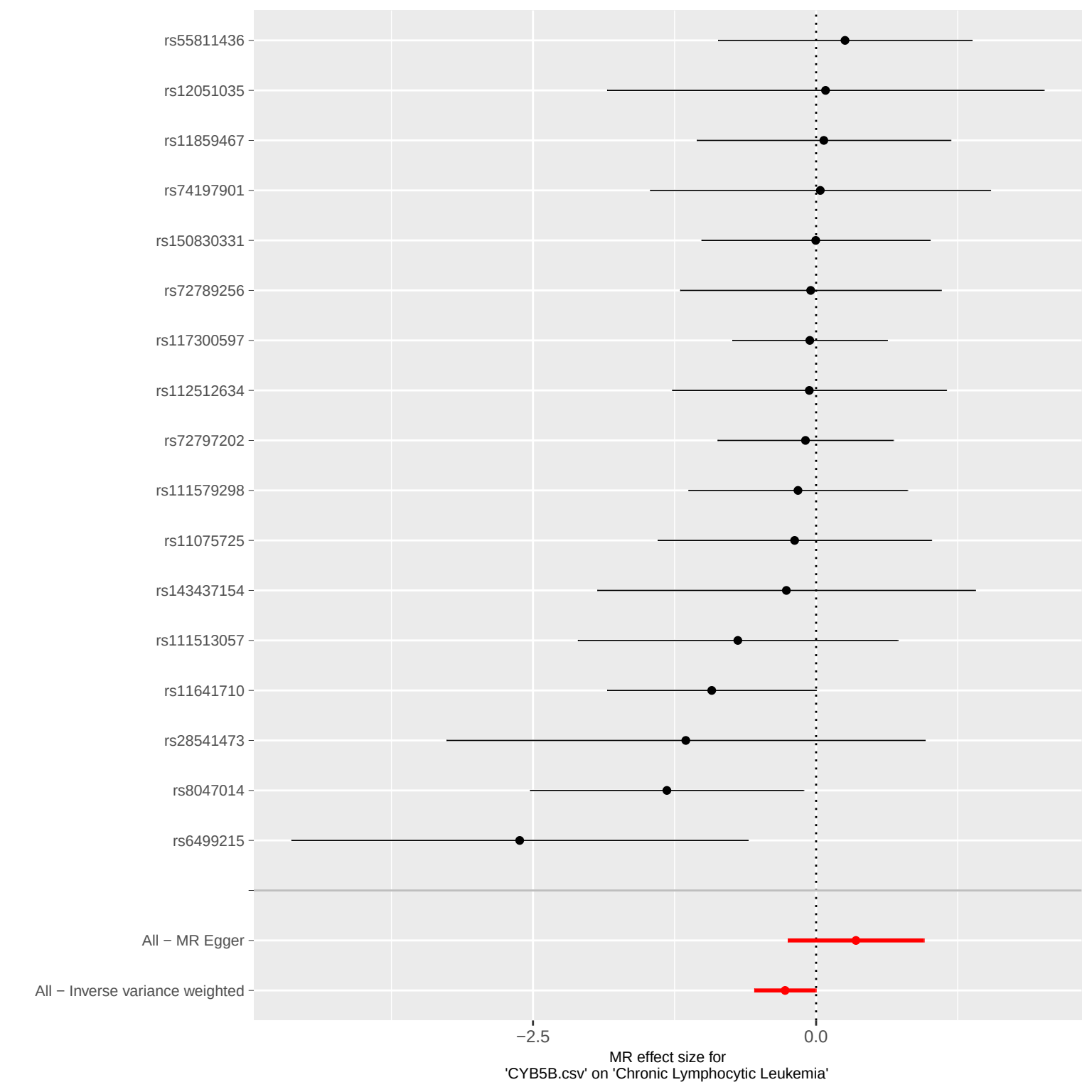
2
MR effect size for
'CXCL1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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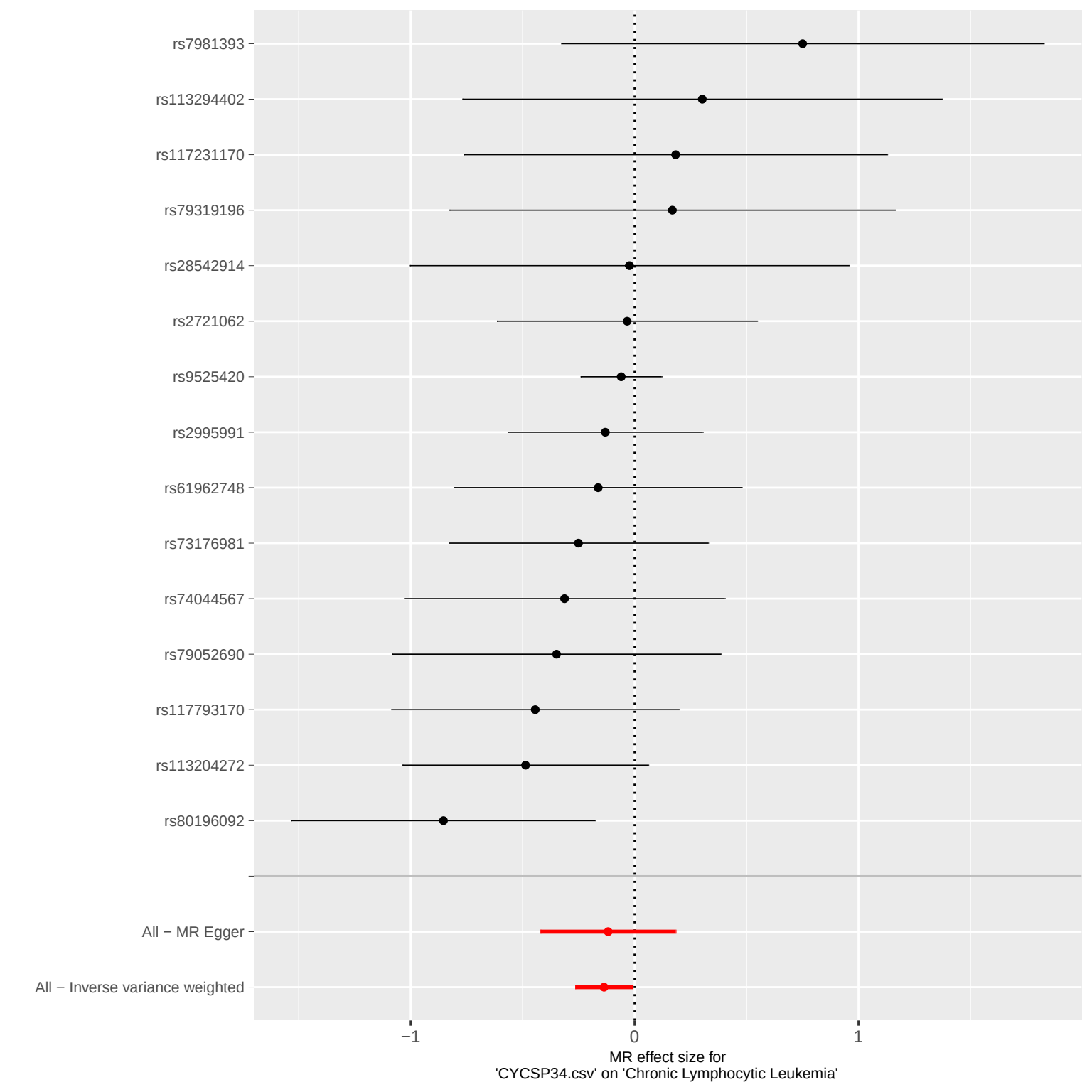
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All − Inverse variance weighted
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MR effect size for
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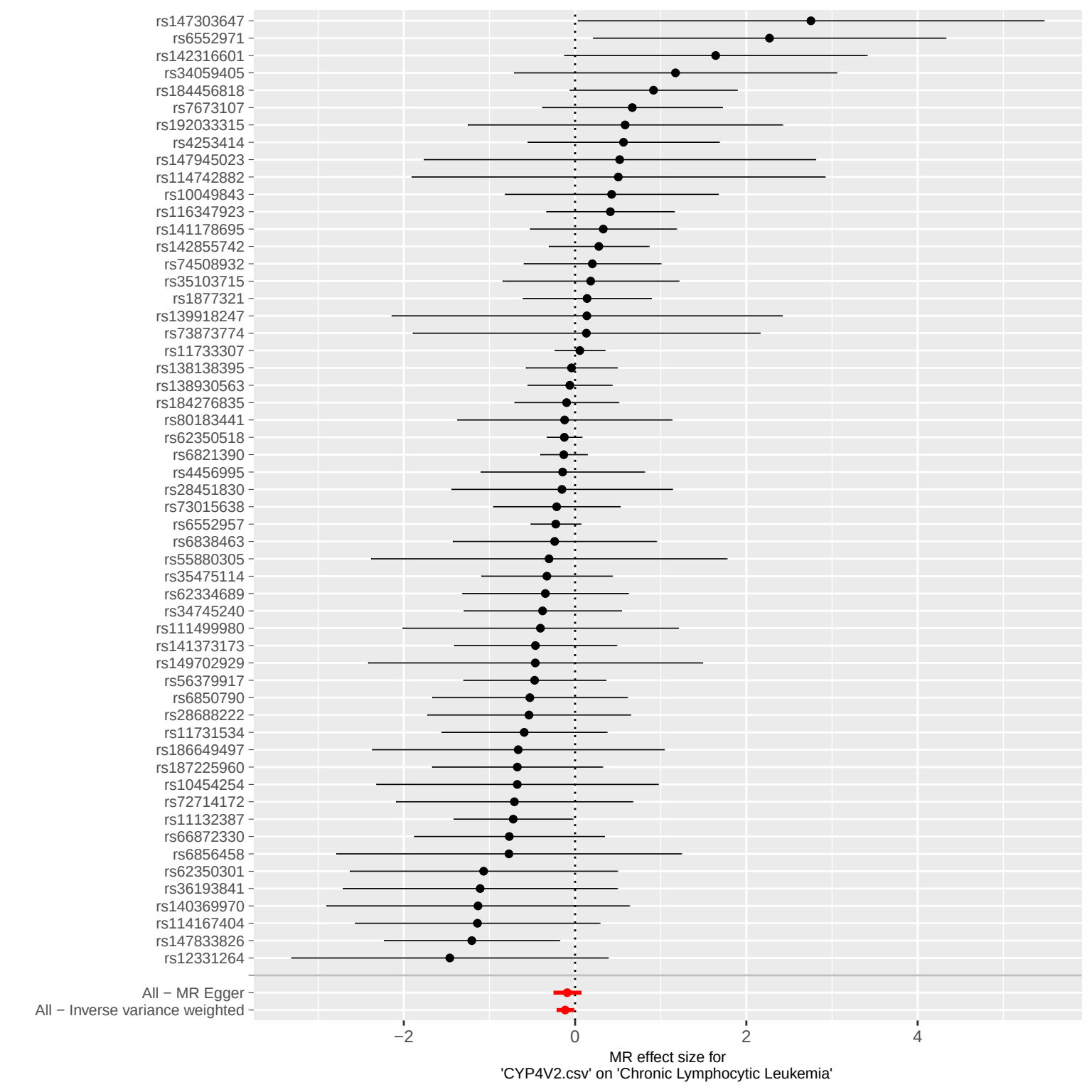
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All − Inverse variance weighted
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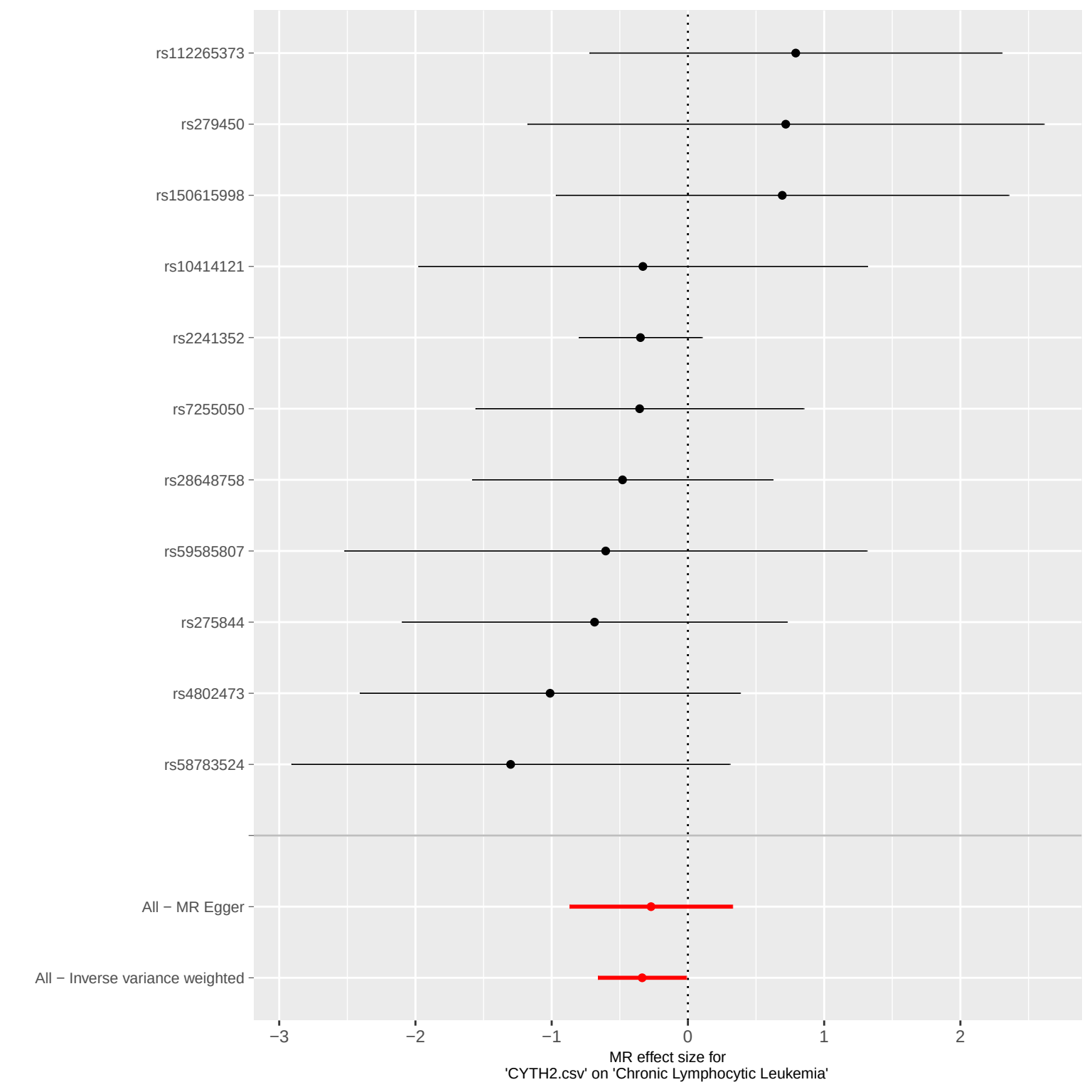
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MR effect size for
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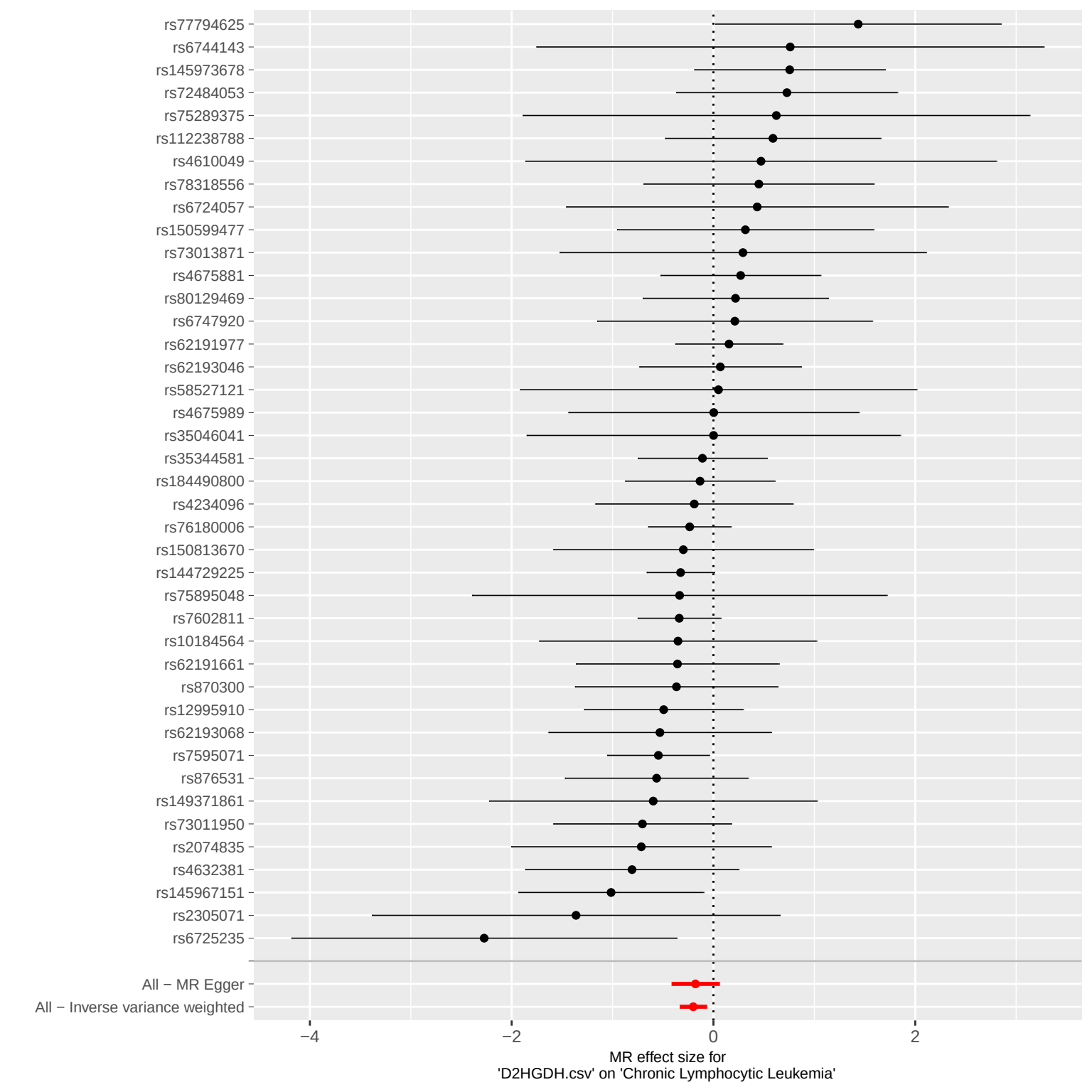
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All − Inverse variance weighted
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MR effect size for
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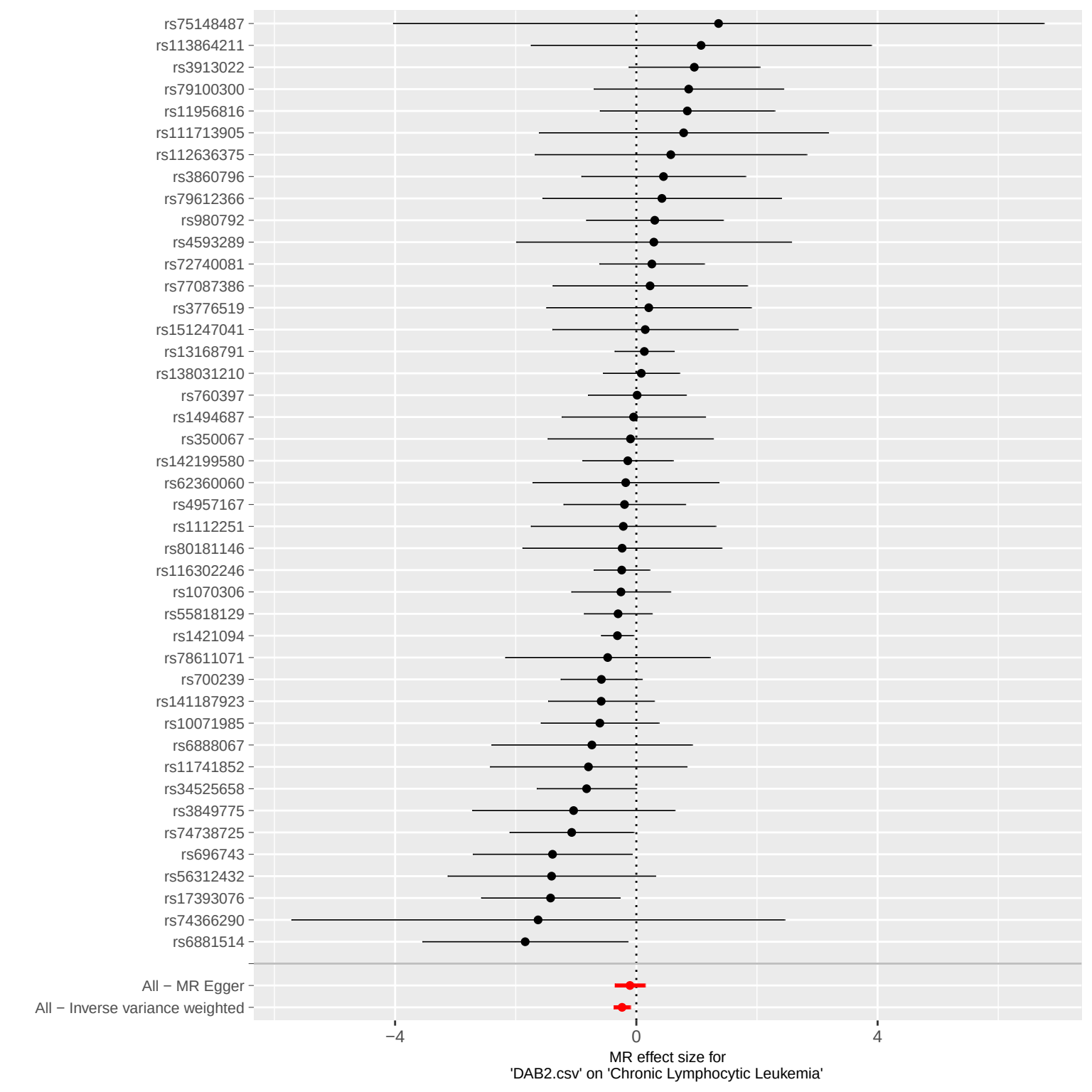
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All − Inverse variance weighted
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MR effect size for
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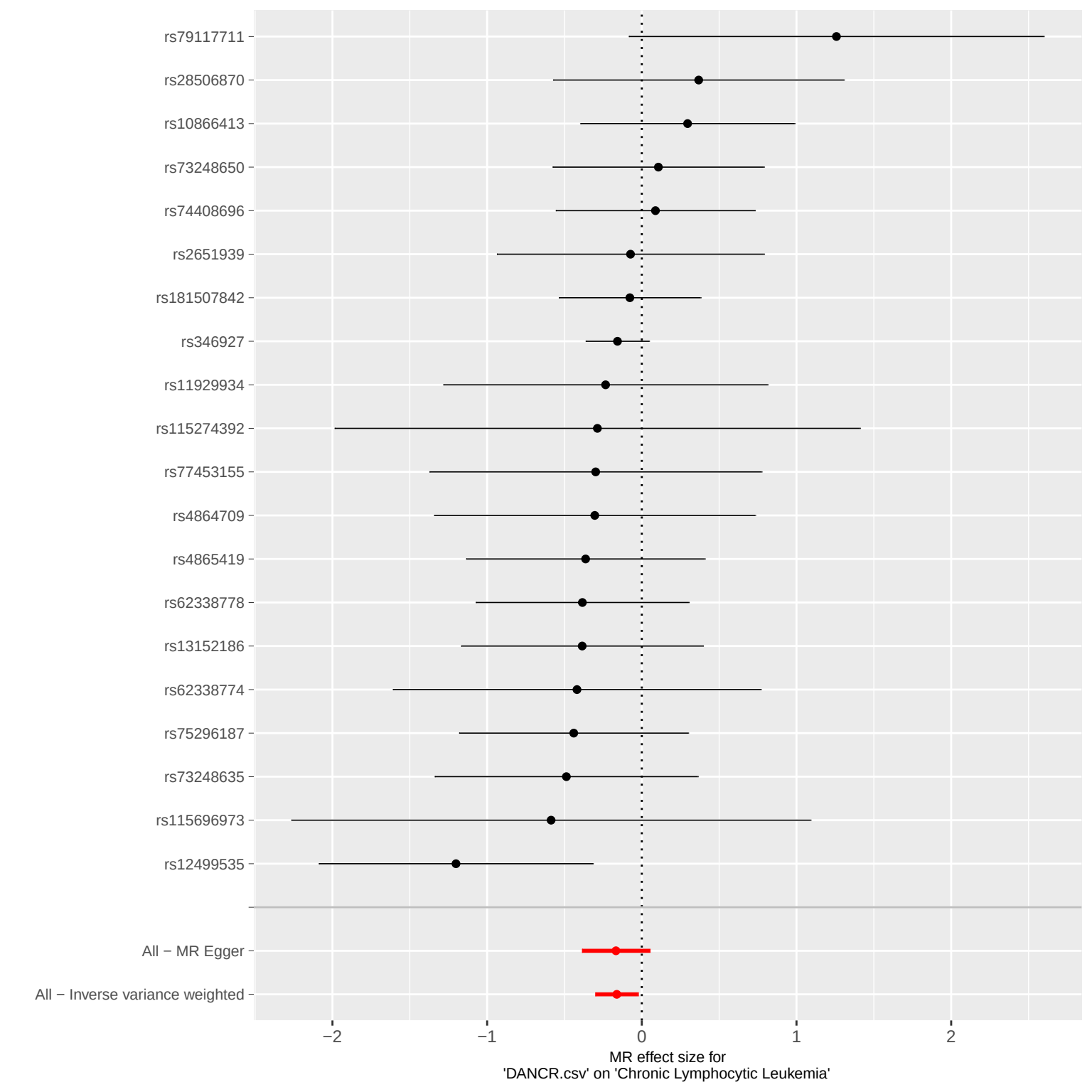
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All − MR Egger
All − Inverse variance weighted
−2
−1
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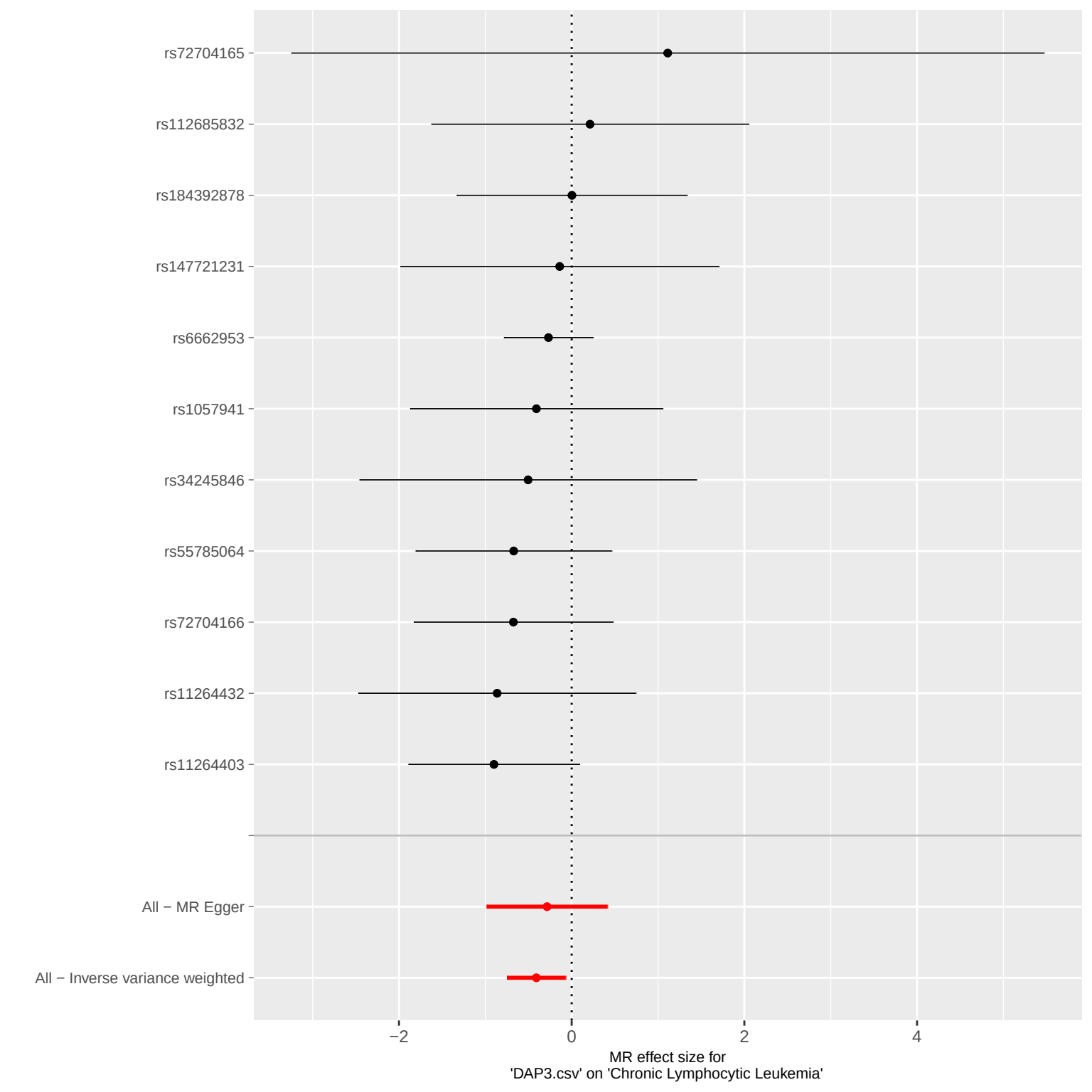
MR effect size for
'DANCR.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
−2
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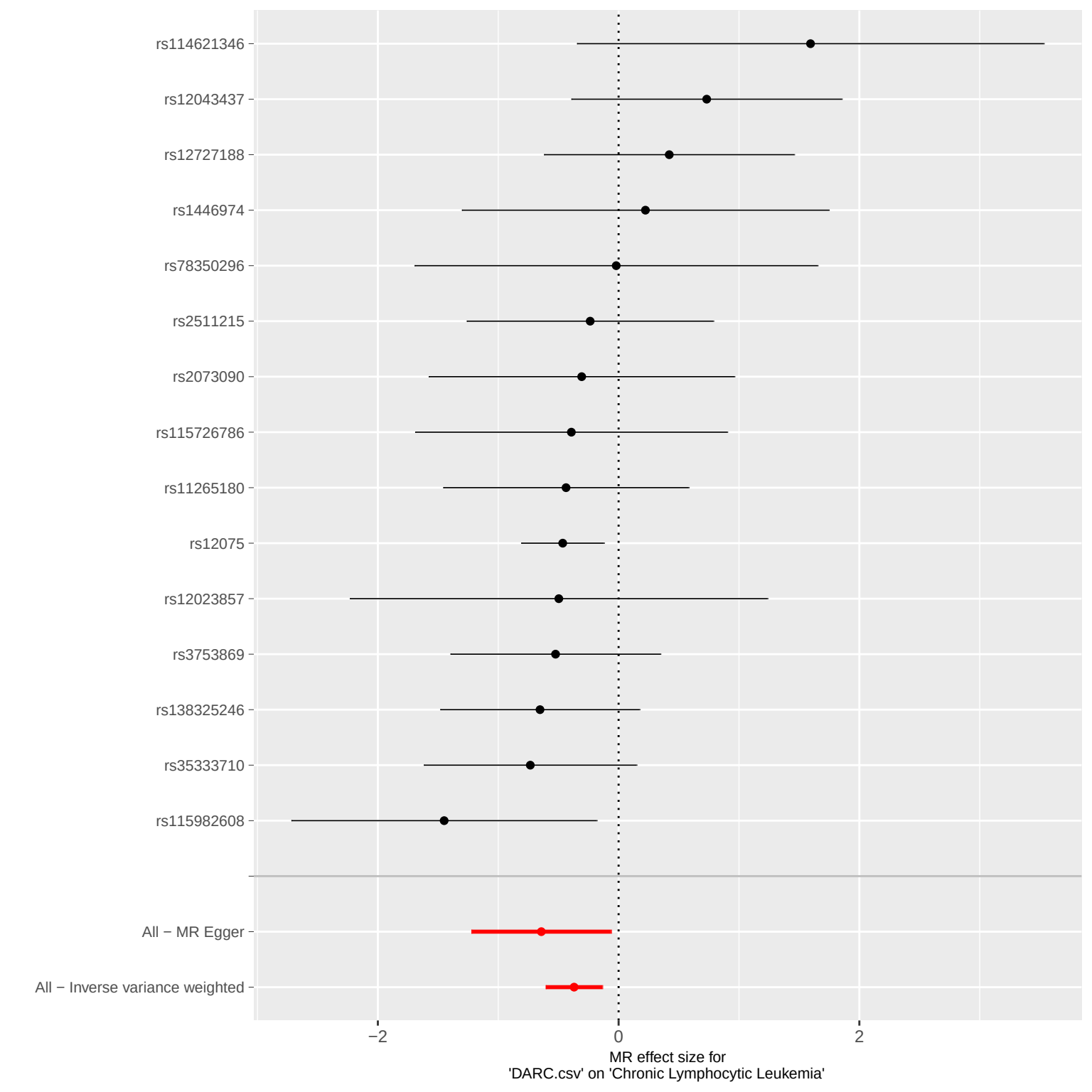
MR effect size for
'DAP3.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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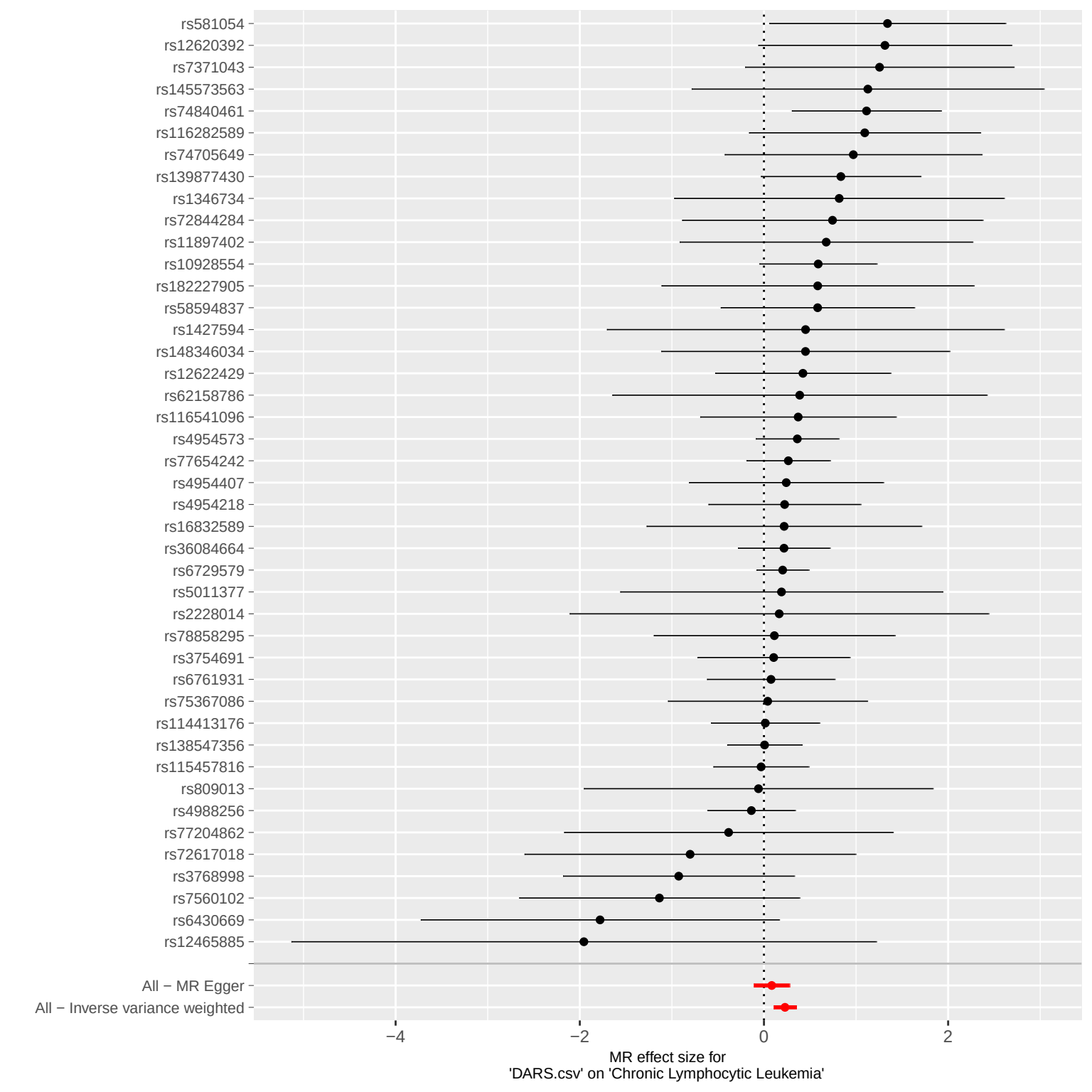
MR effect size for
'DARC.csv' on 'Chronic Lymphocytic Leukemia'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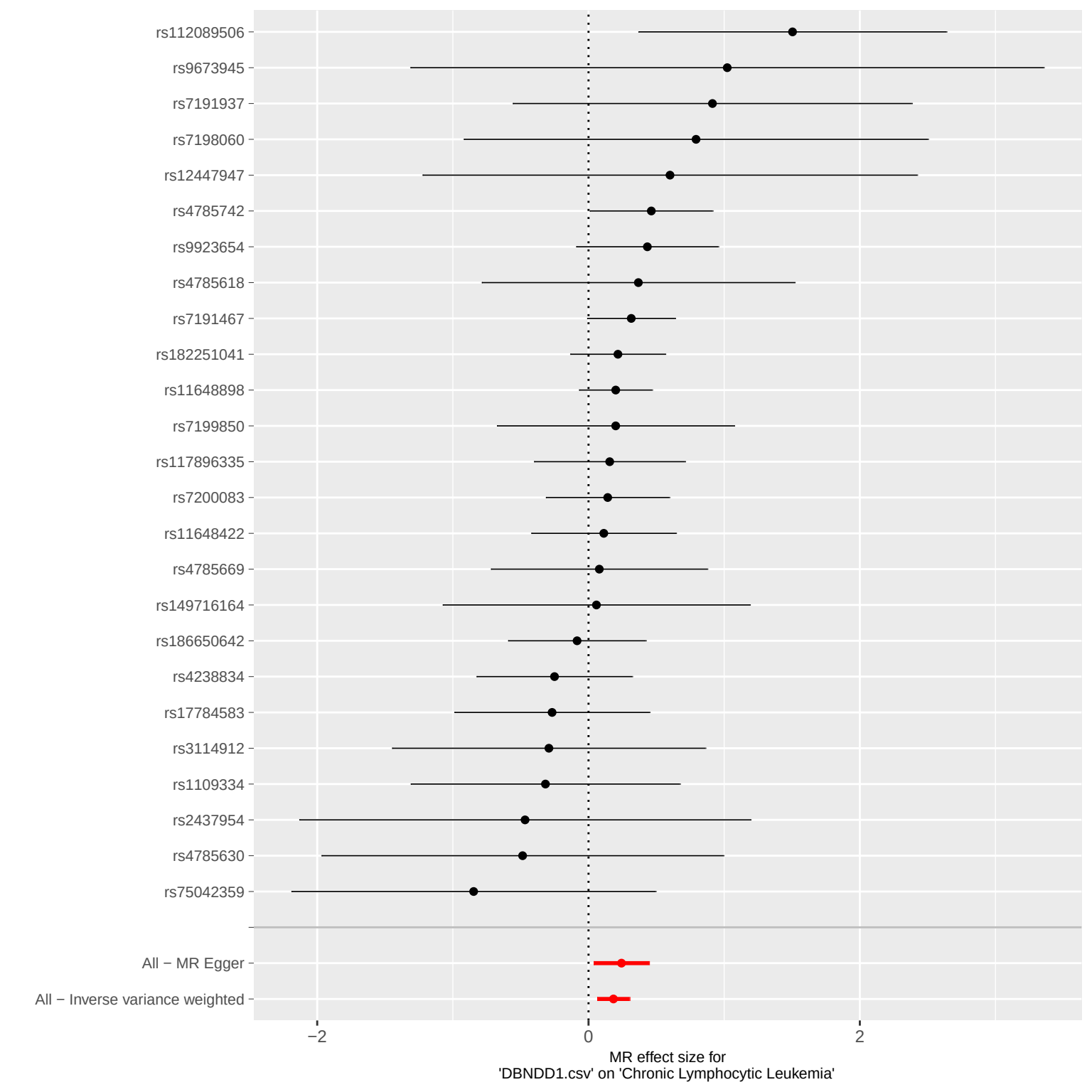
MR effect size for
'DARS.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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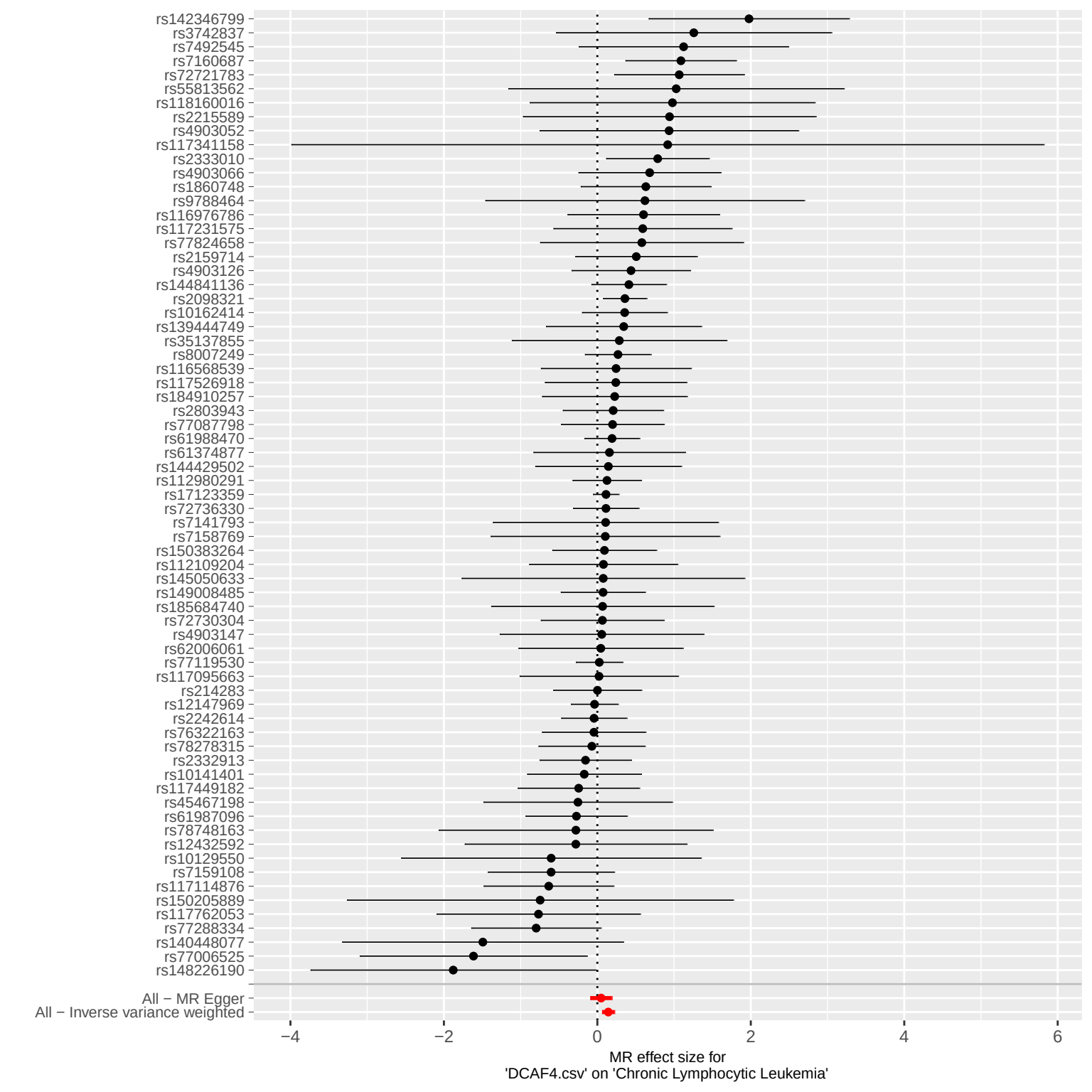
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All − MR Egger
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MR effect size for
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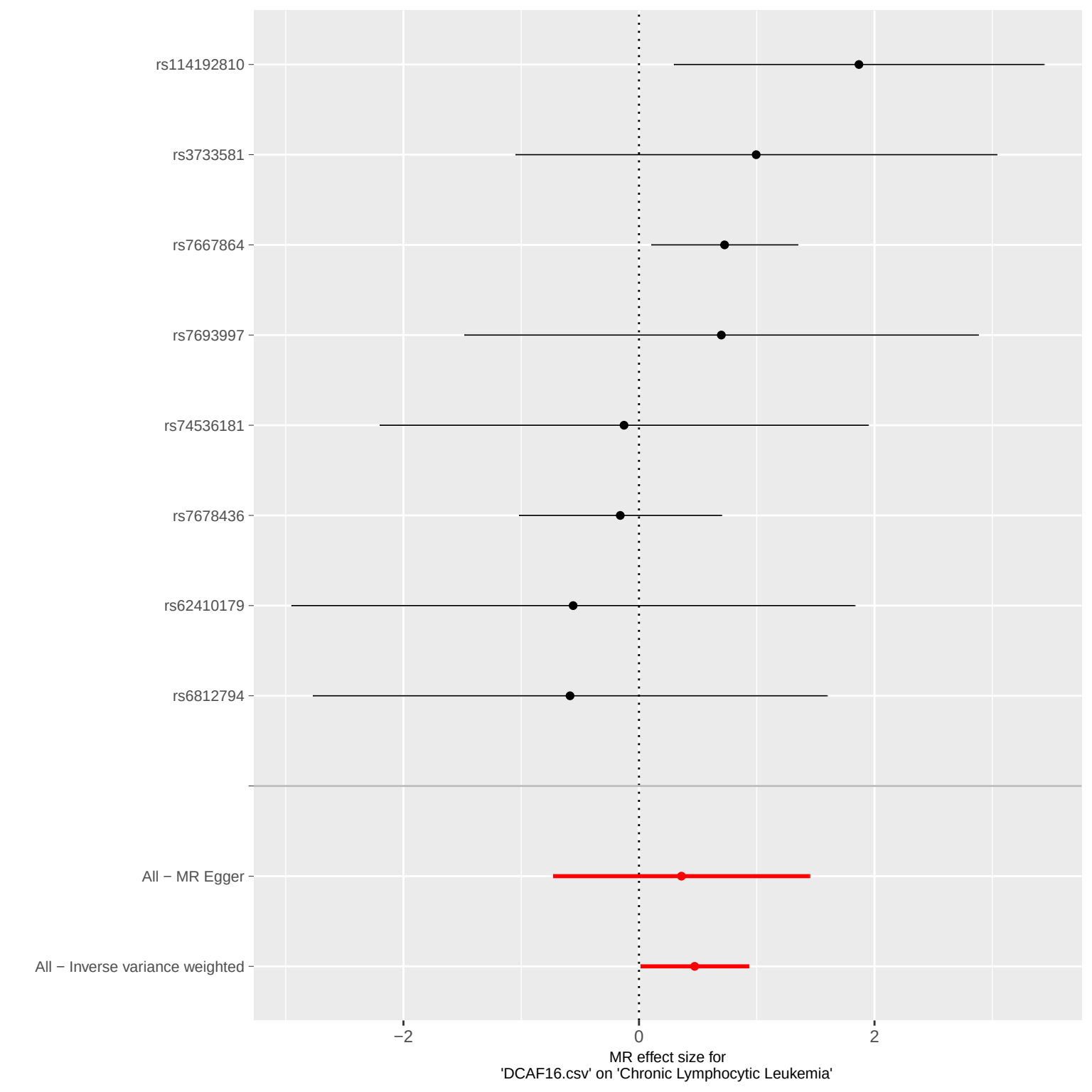
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All − Inverse variance weighted
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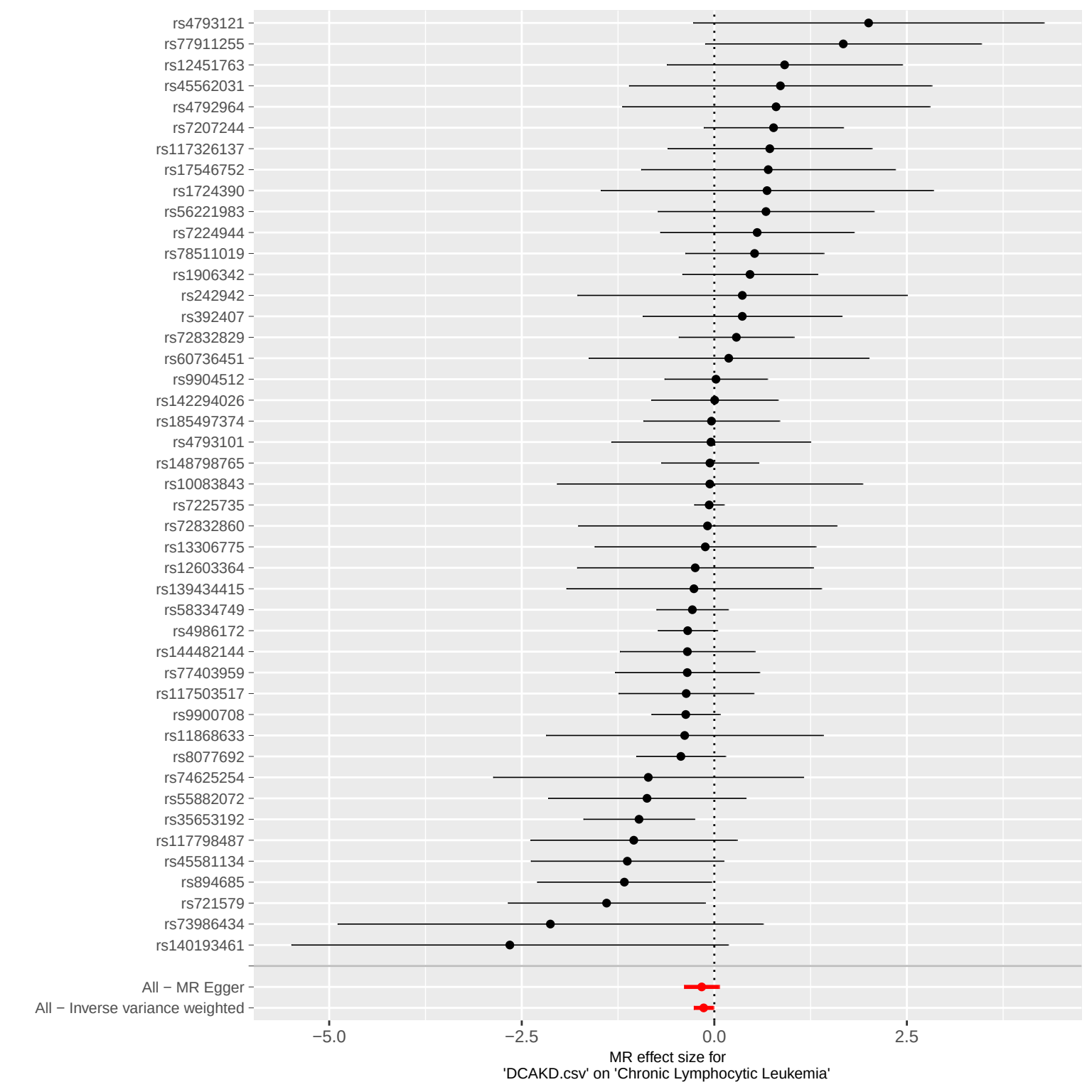
MR effect size for
'DCAF16.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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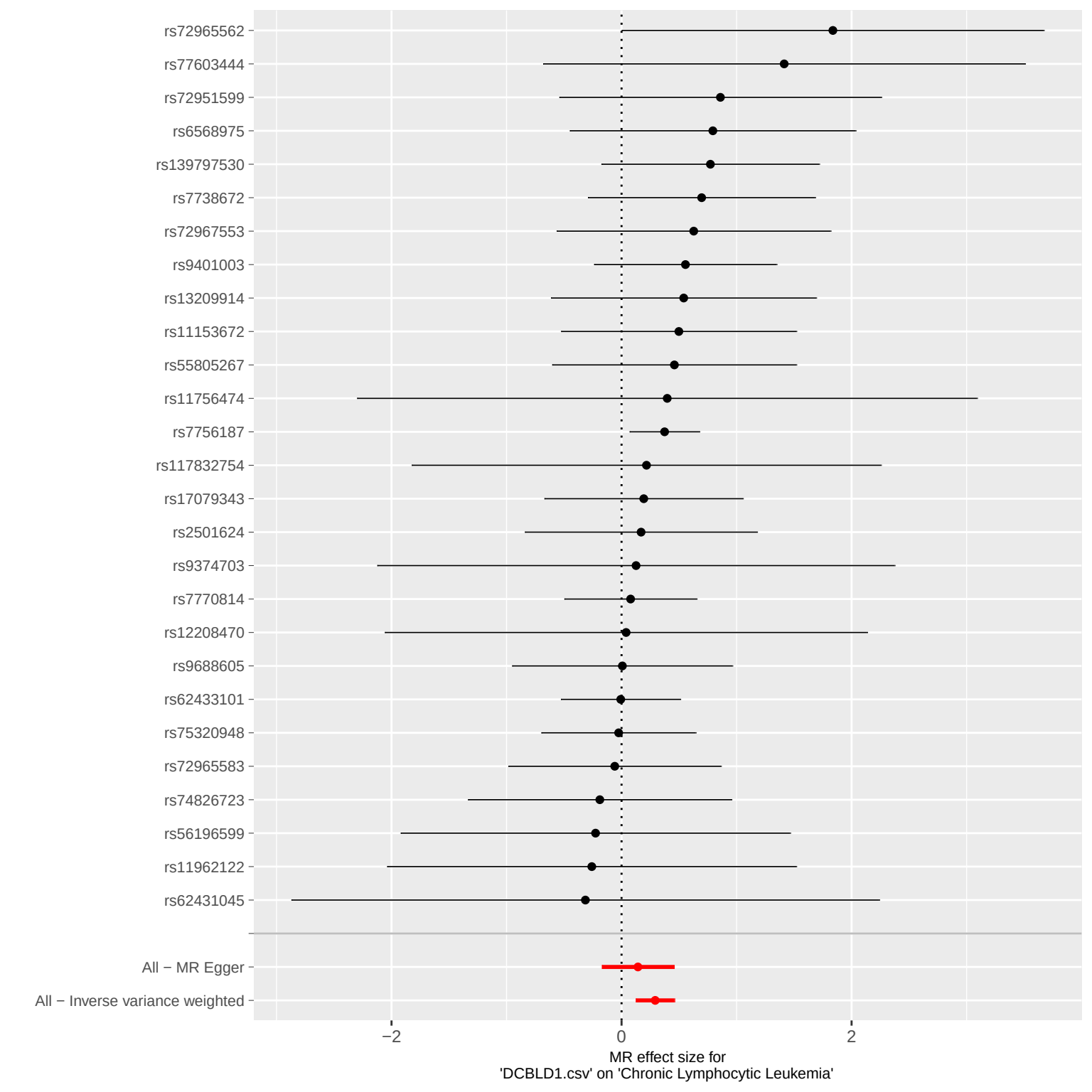
MR effect size for
'DCAKD.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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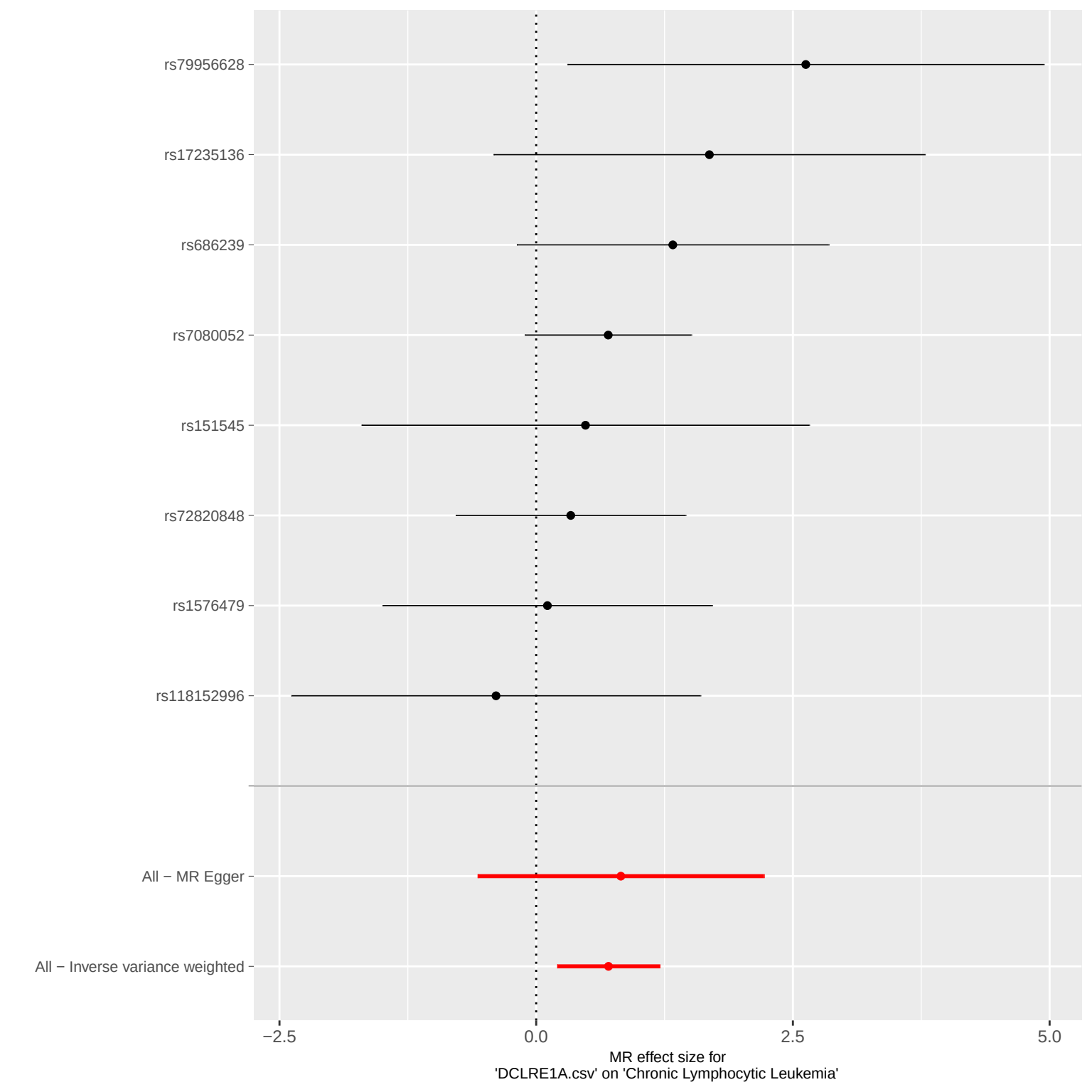
MR effect size for
'DCBLD1.csv' on 'Chronic Lymphocytic Leukemia'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2.5
5.0
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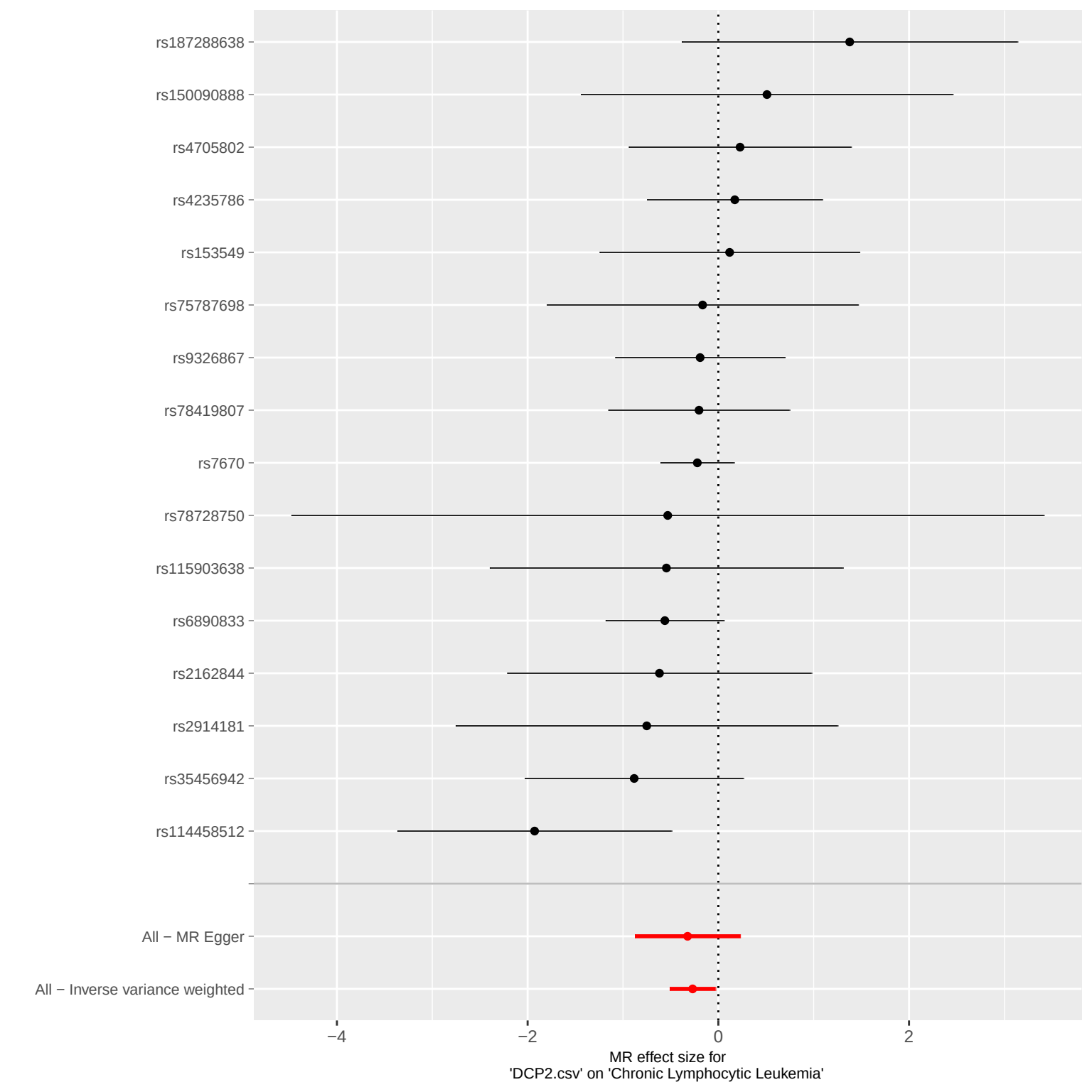
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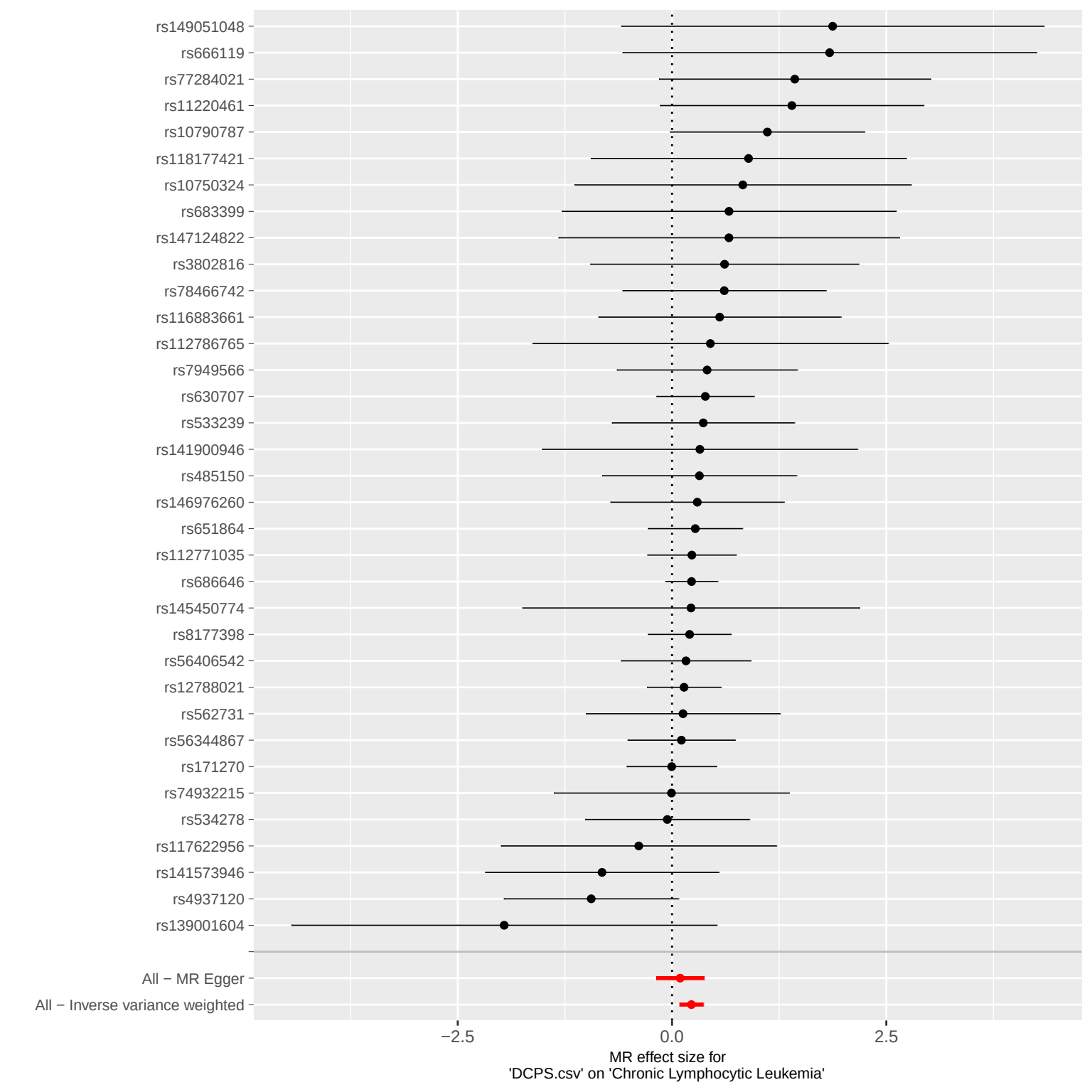
MR effect size for
'DCP2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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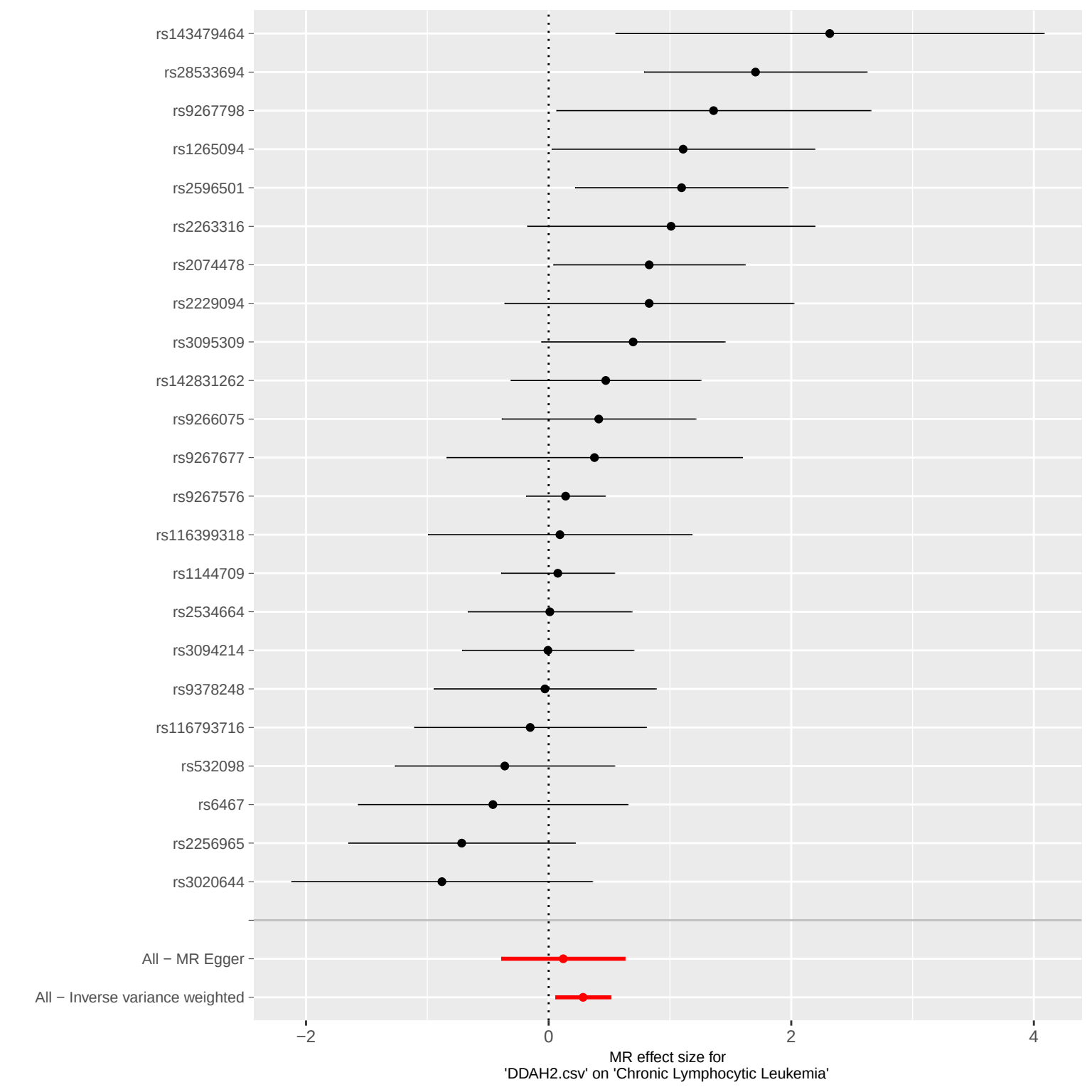
MR effect size for
'DCPS.csv' on 'Chronic Lymphocytic Leukemia'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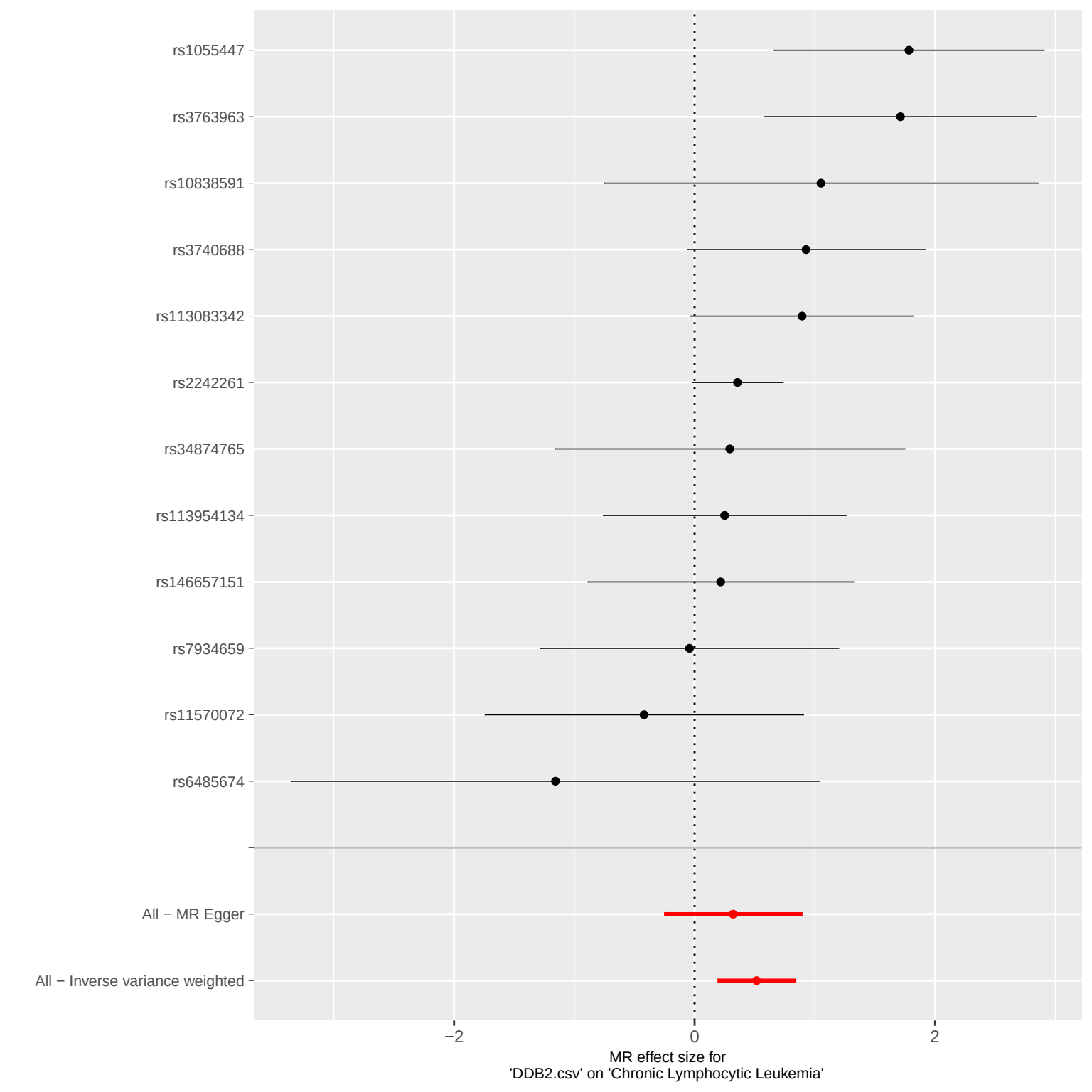
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All − MR Egger
All − Inverse variance weighted
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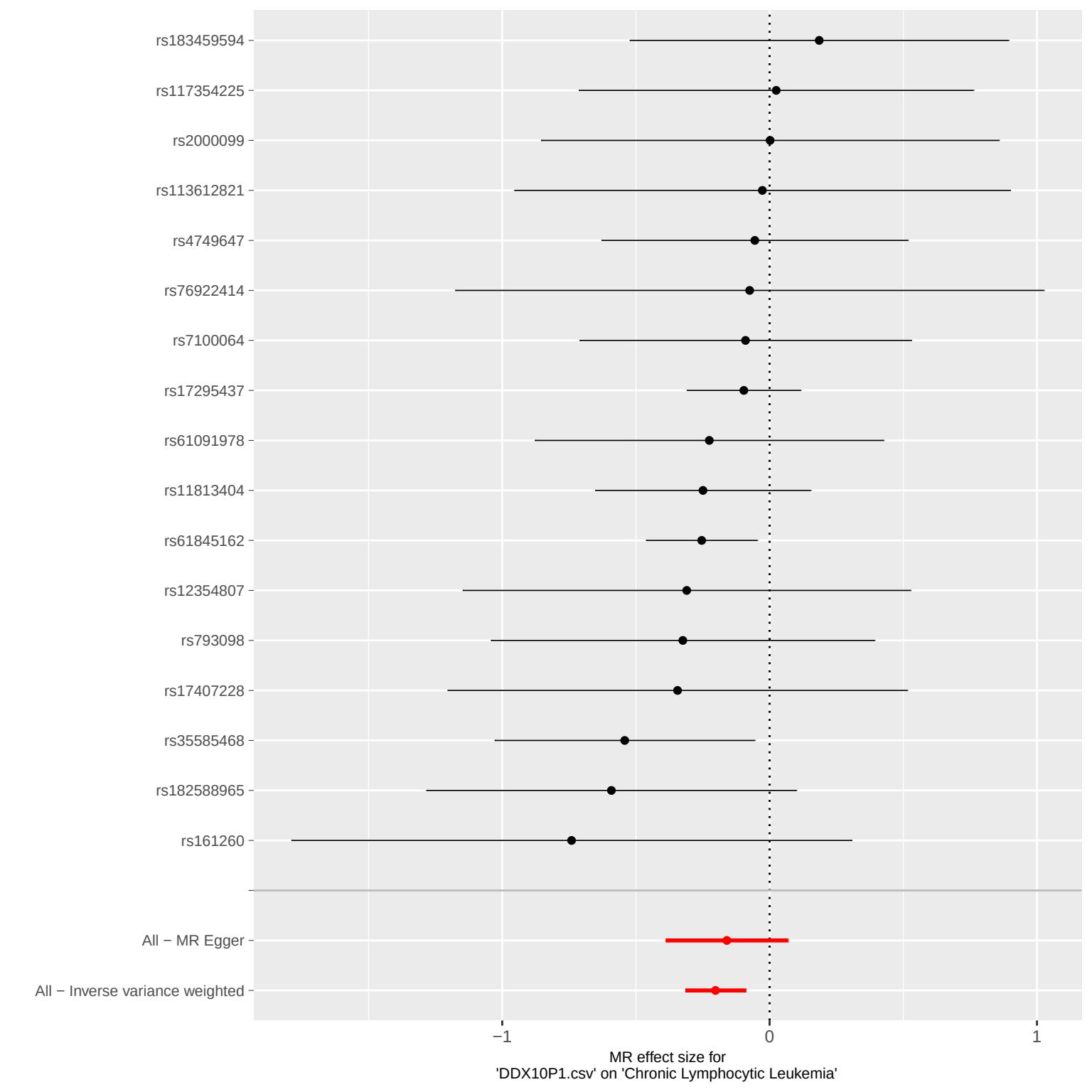
MR effect size for
'DDB2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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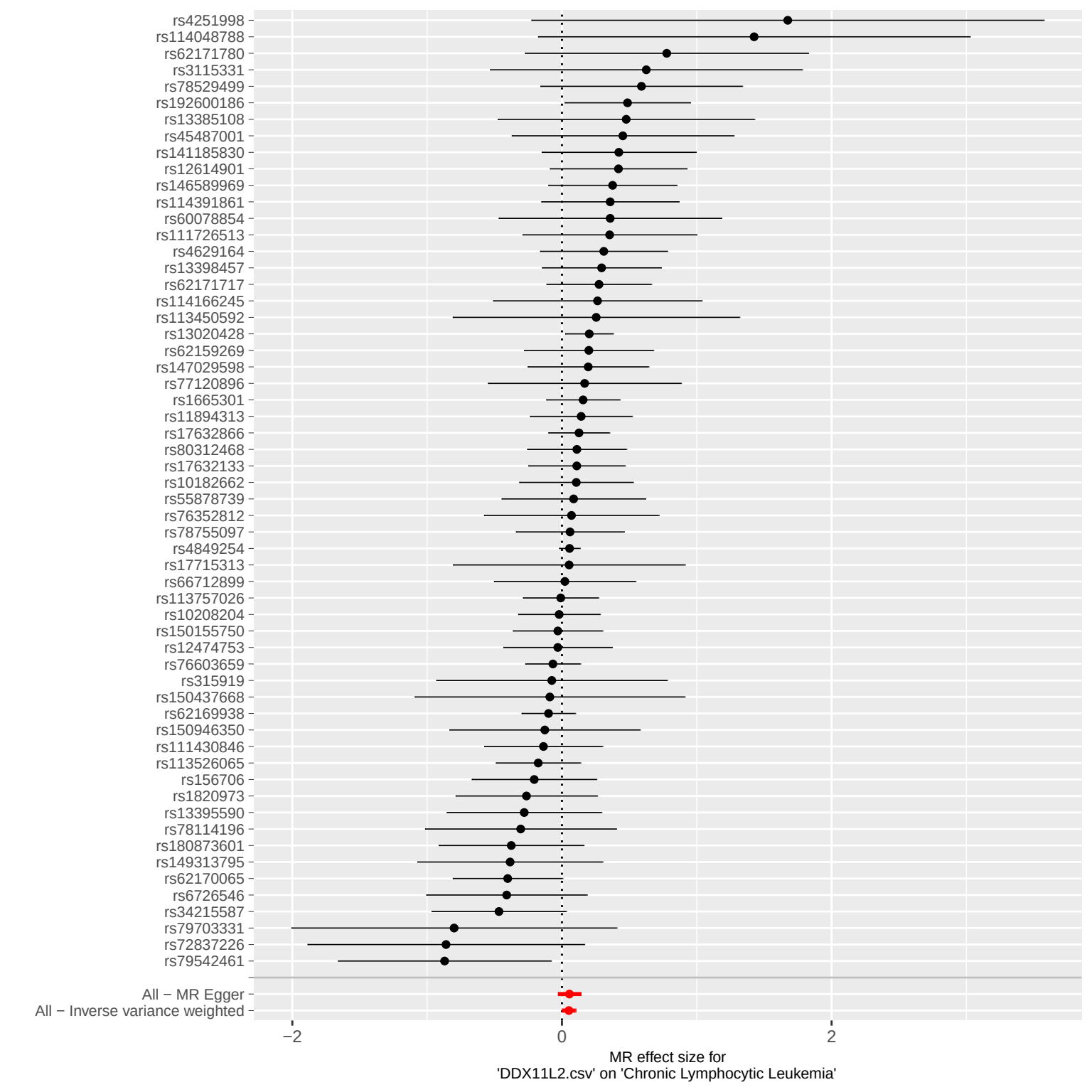
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All − Inverse variance weighted
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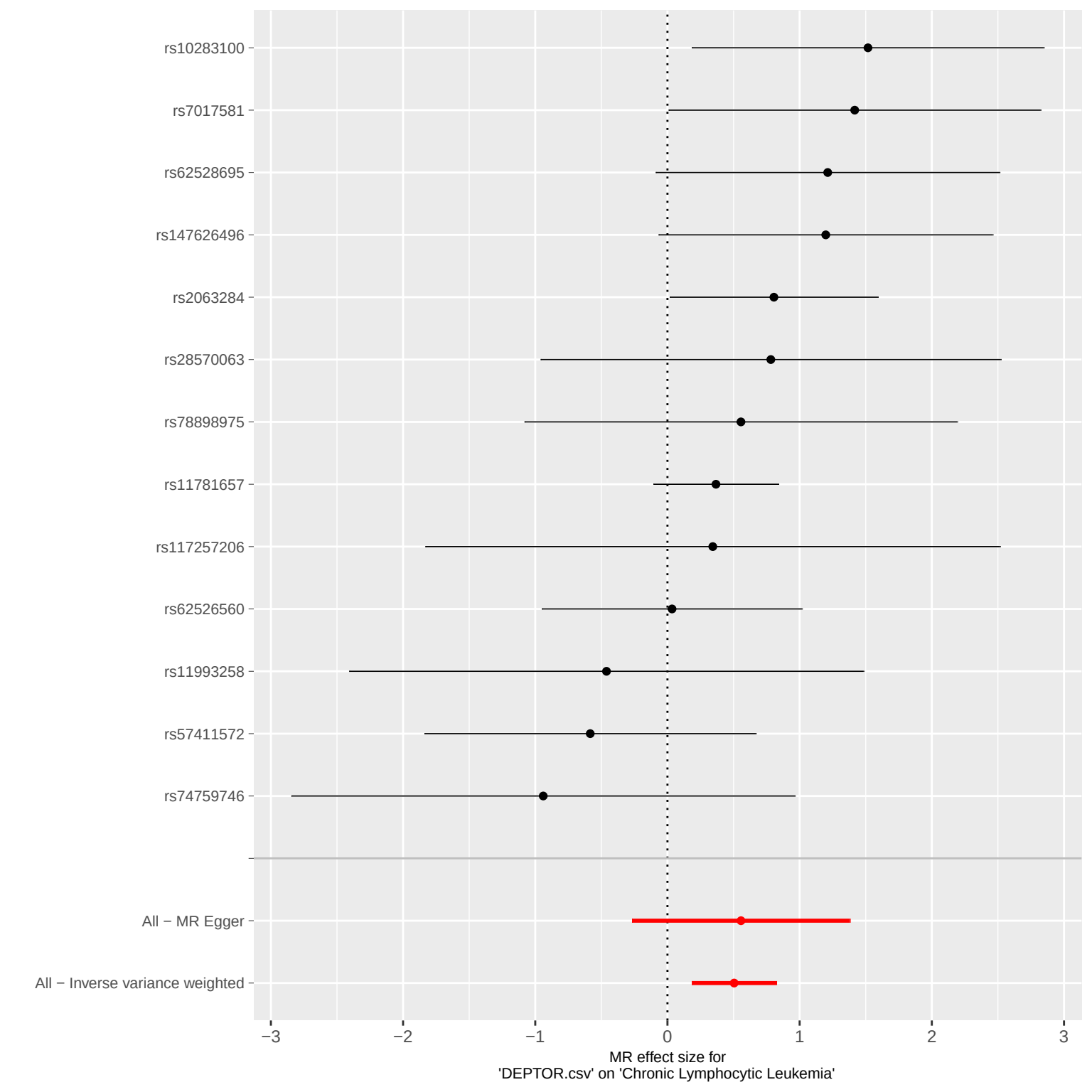
'DDX11L2.csv' on 'Chronic Lymphocytic Leukemia'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rs74759746
All − MR Egger
All − Inverse variance weighted
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−2
−1
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MR effect size for
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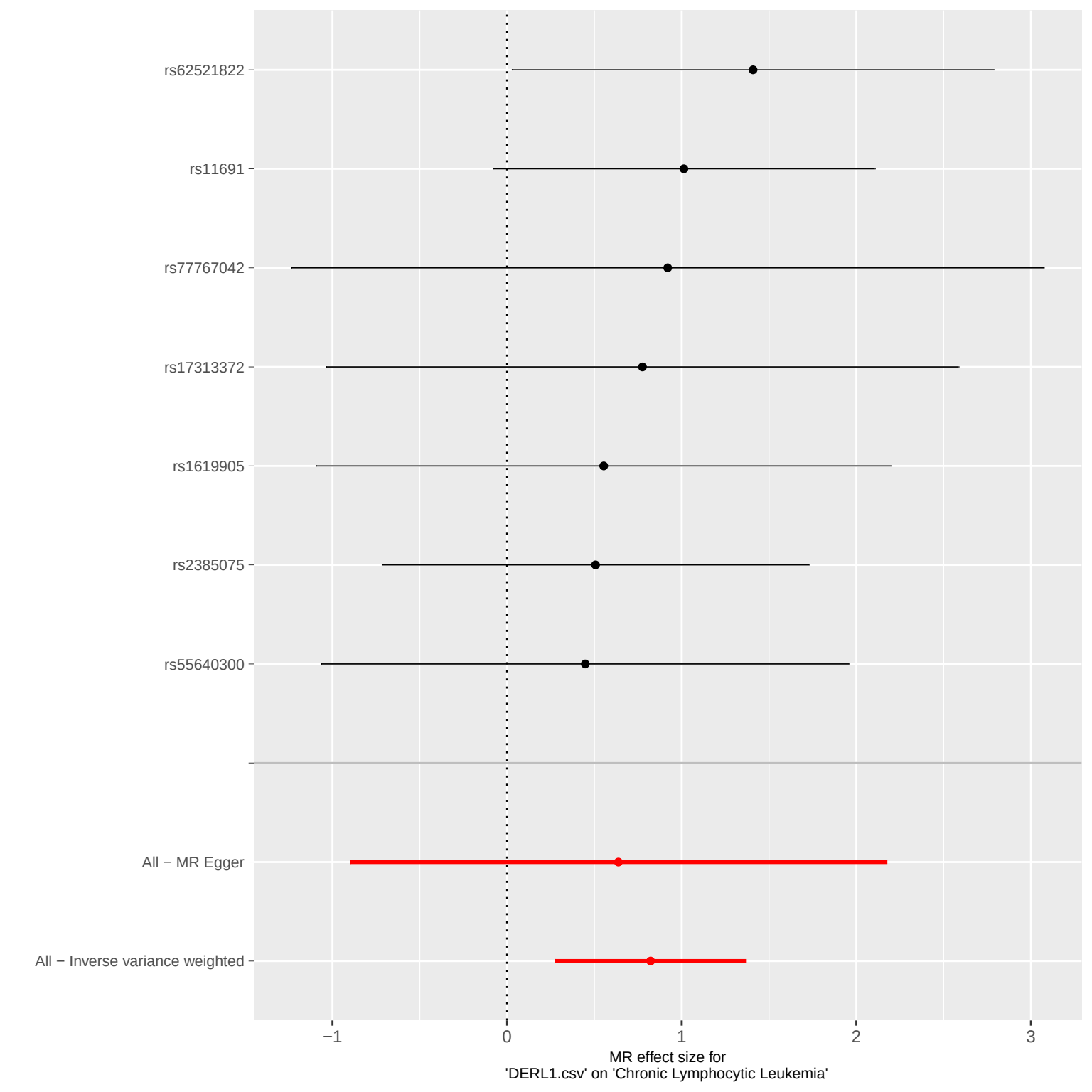
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All − MR Egger
All − Inverse variance weighted
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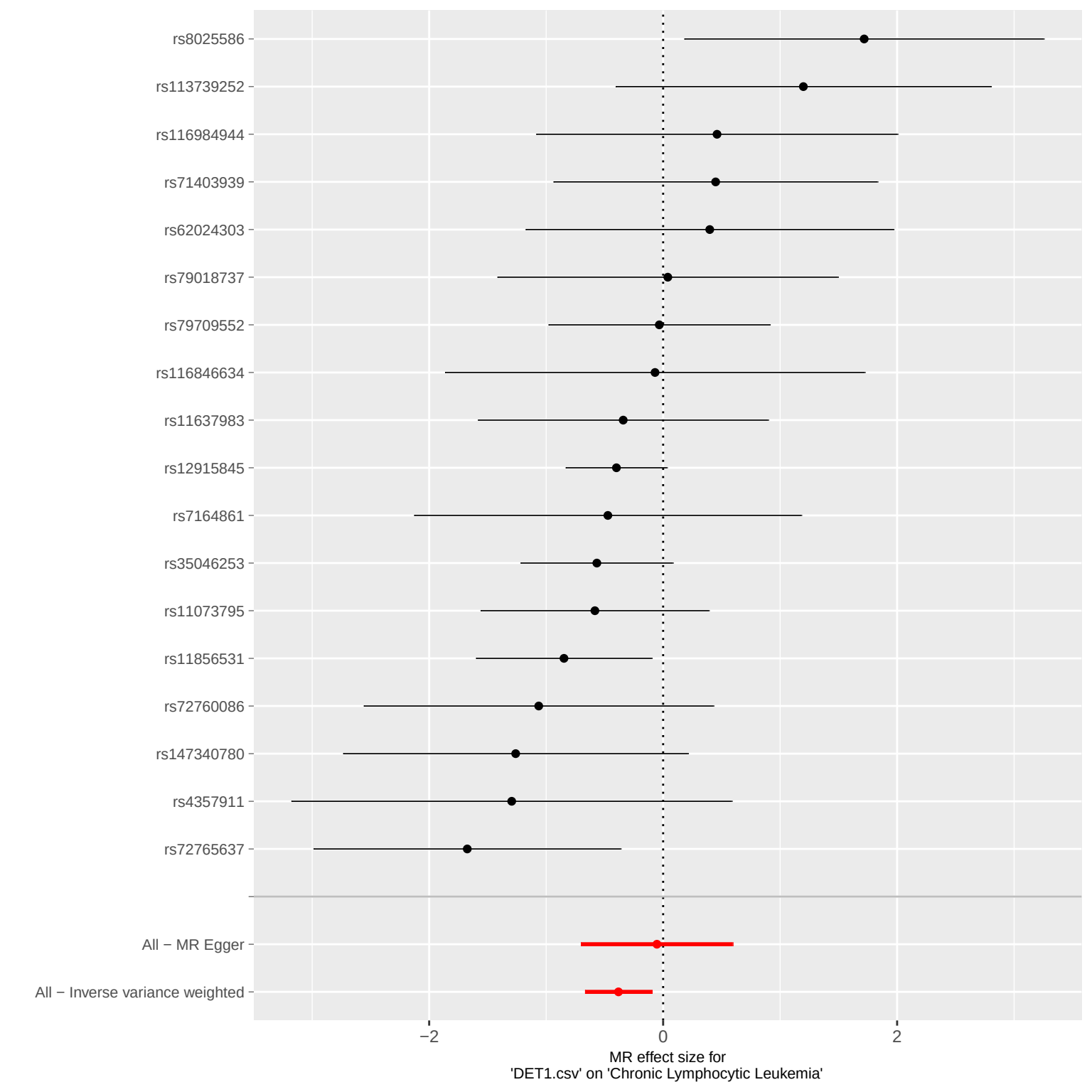
MR effect size for
'DERL1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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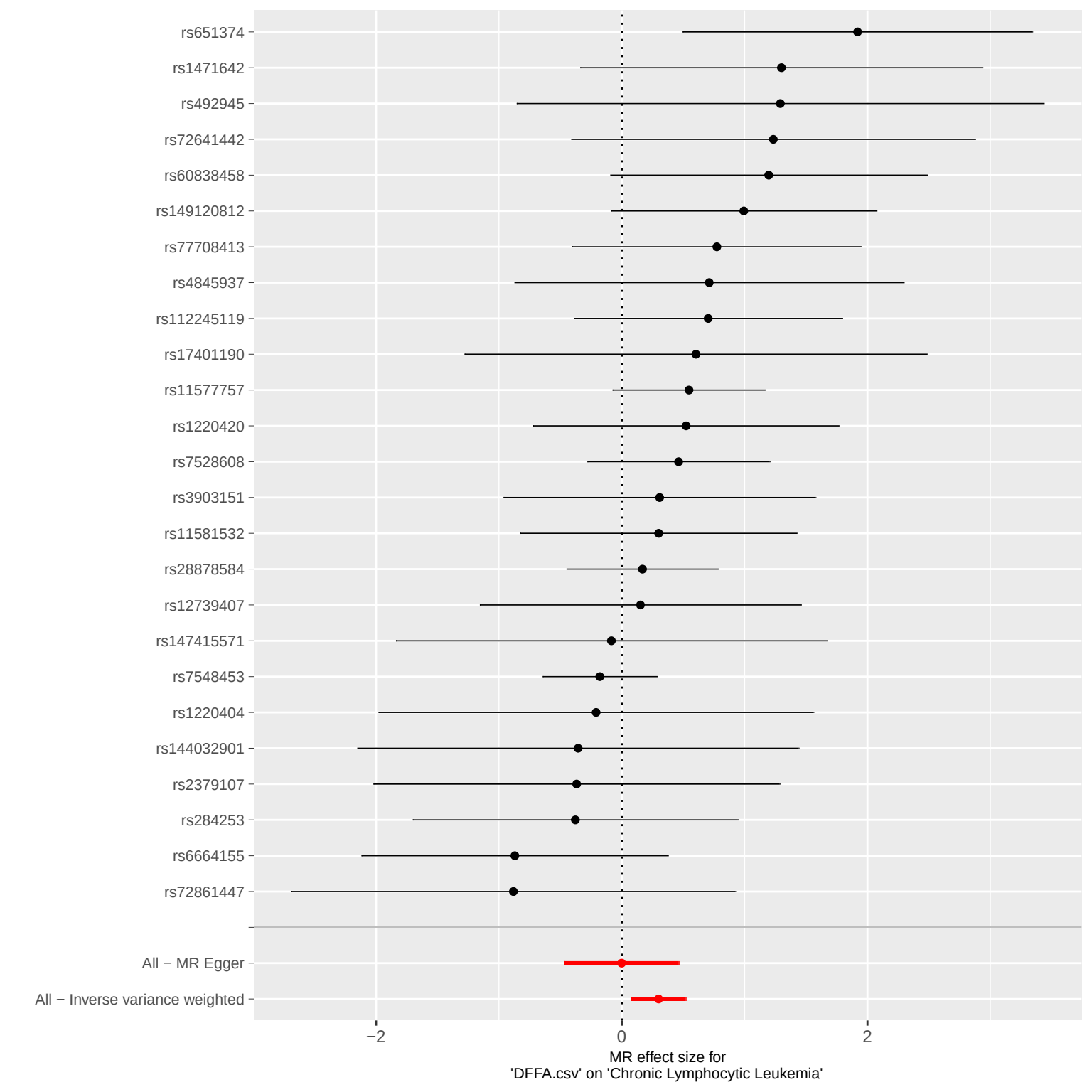
MR effect size for
'DET1.csv' on 'Chronic Lymphocytic Leukemia'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rs12739407
rs147415571
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rs144032901
rs2379107
rs284253
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All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
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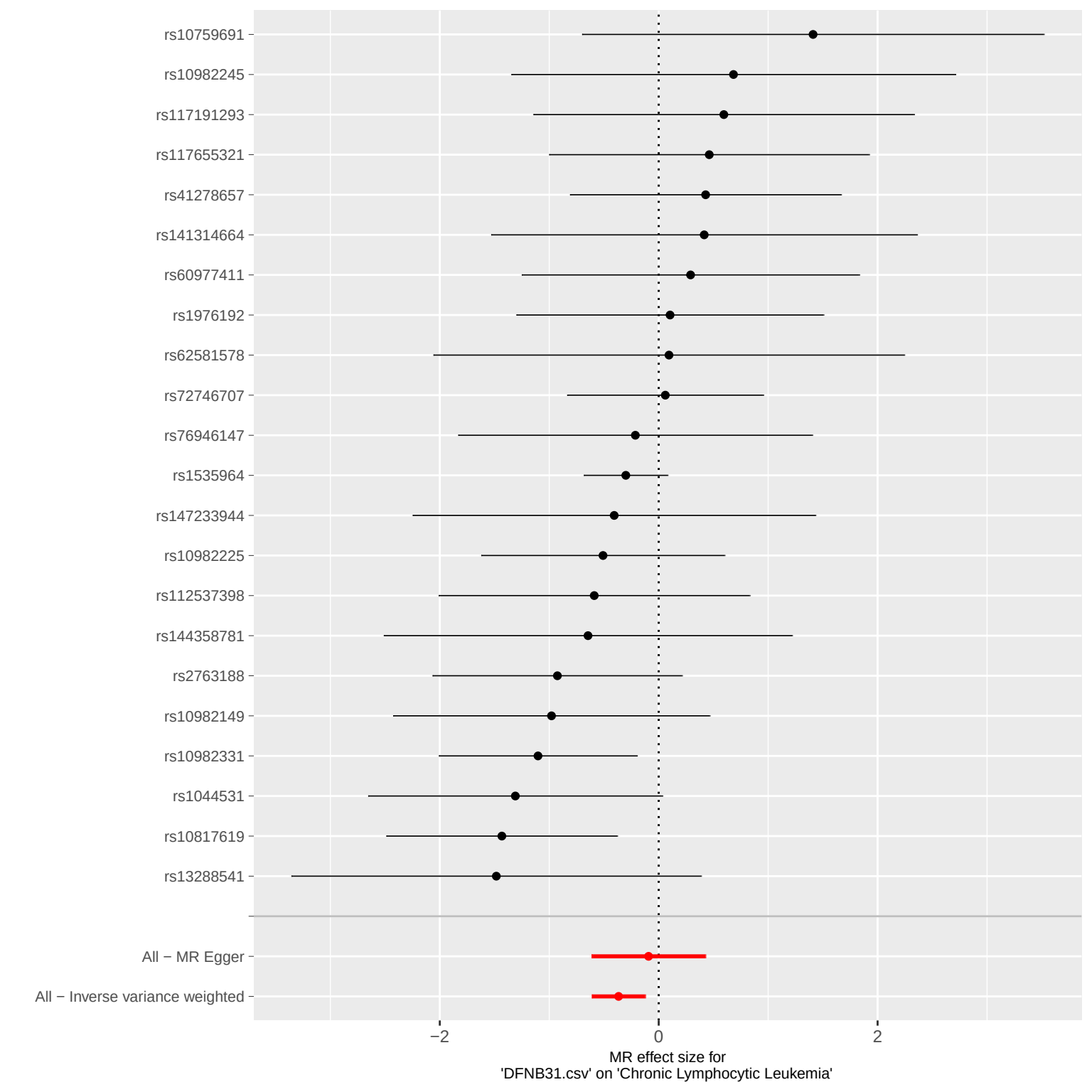
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rs147233944
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rs144358781
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rs10982149
rs10982331
rs1044531
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All − MR Egger
All − Inverse variance weighted
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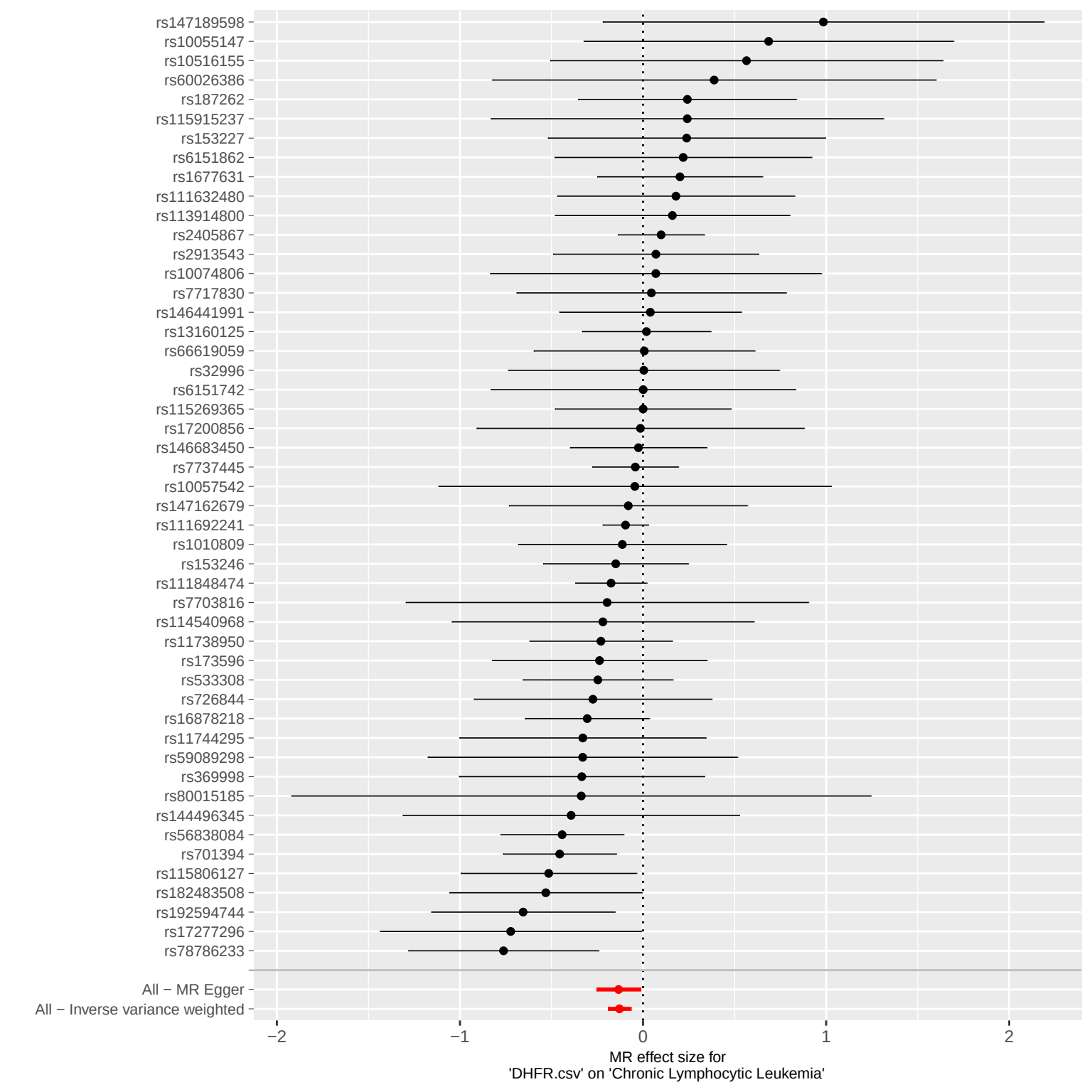
MR effect size for
'DFNB31.csv' on 'Chronic Lymphocytic Leukemia'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rs115806127
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rs17277296
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All − MR Egger
All − Inverse variance weighted
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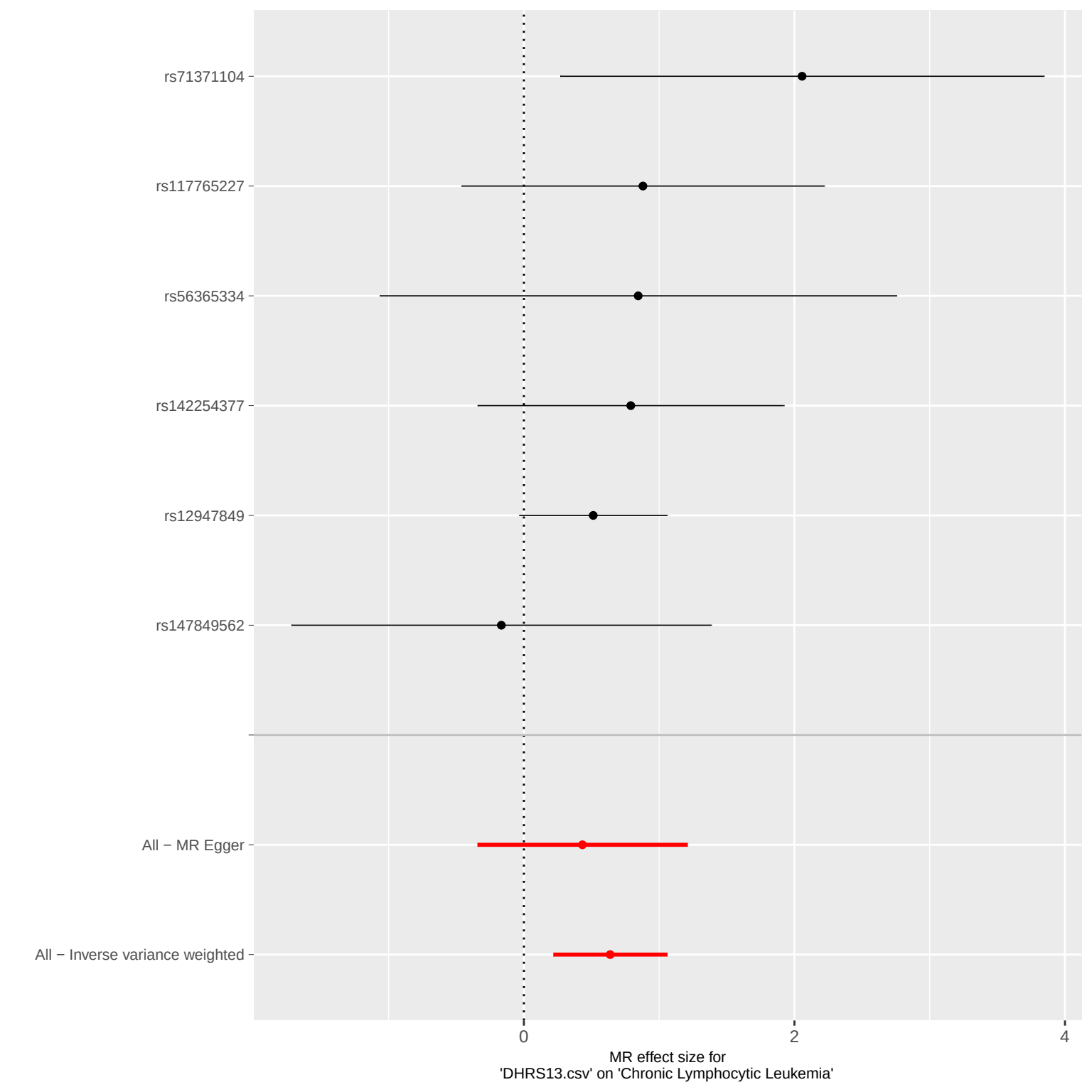
MR effect size for
'DHFR.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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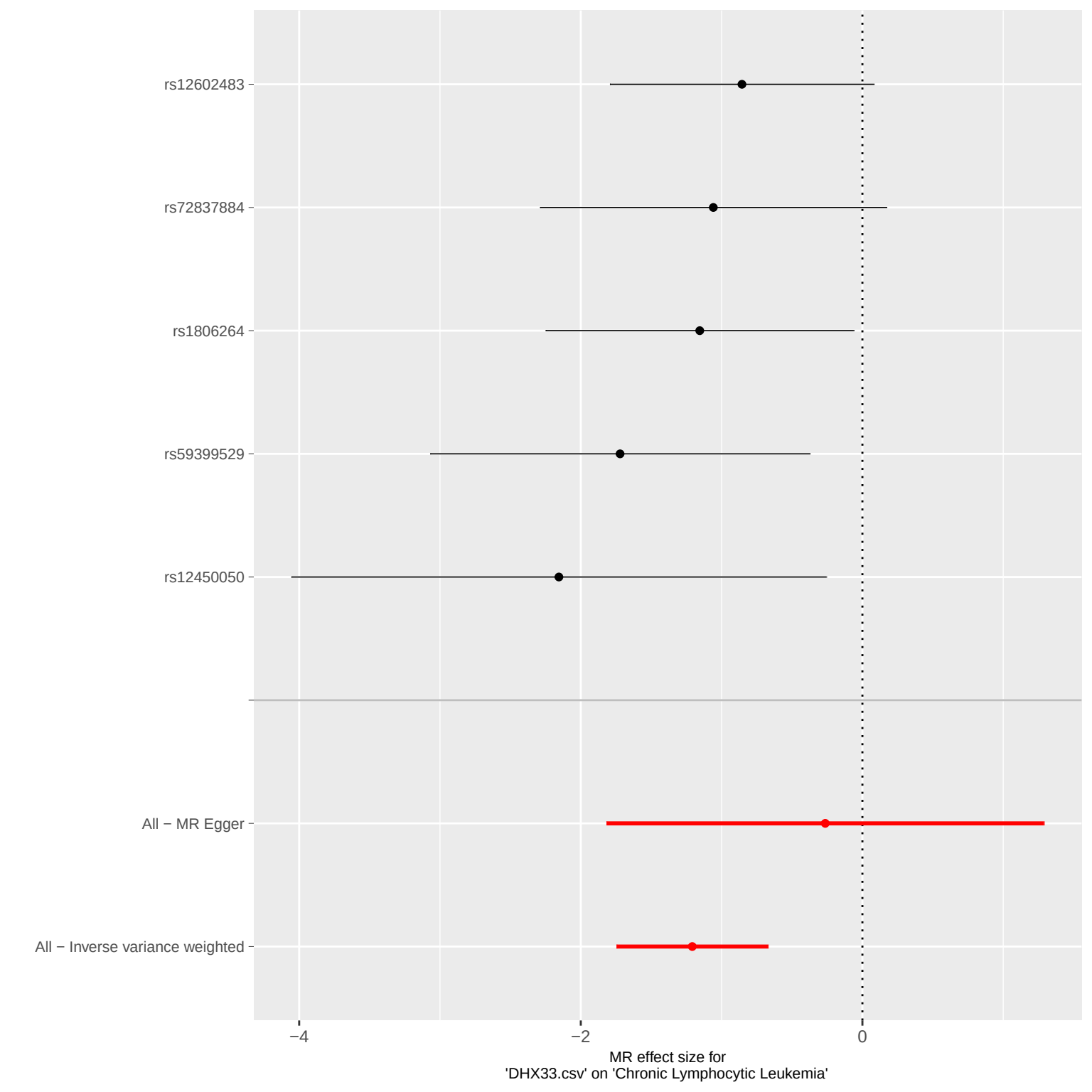
rs12602483
rs72837884
rs1806264
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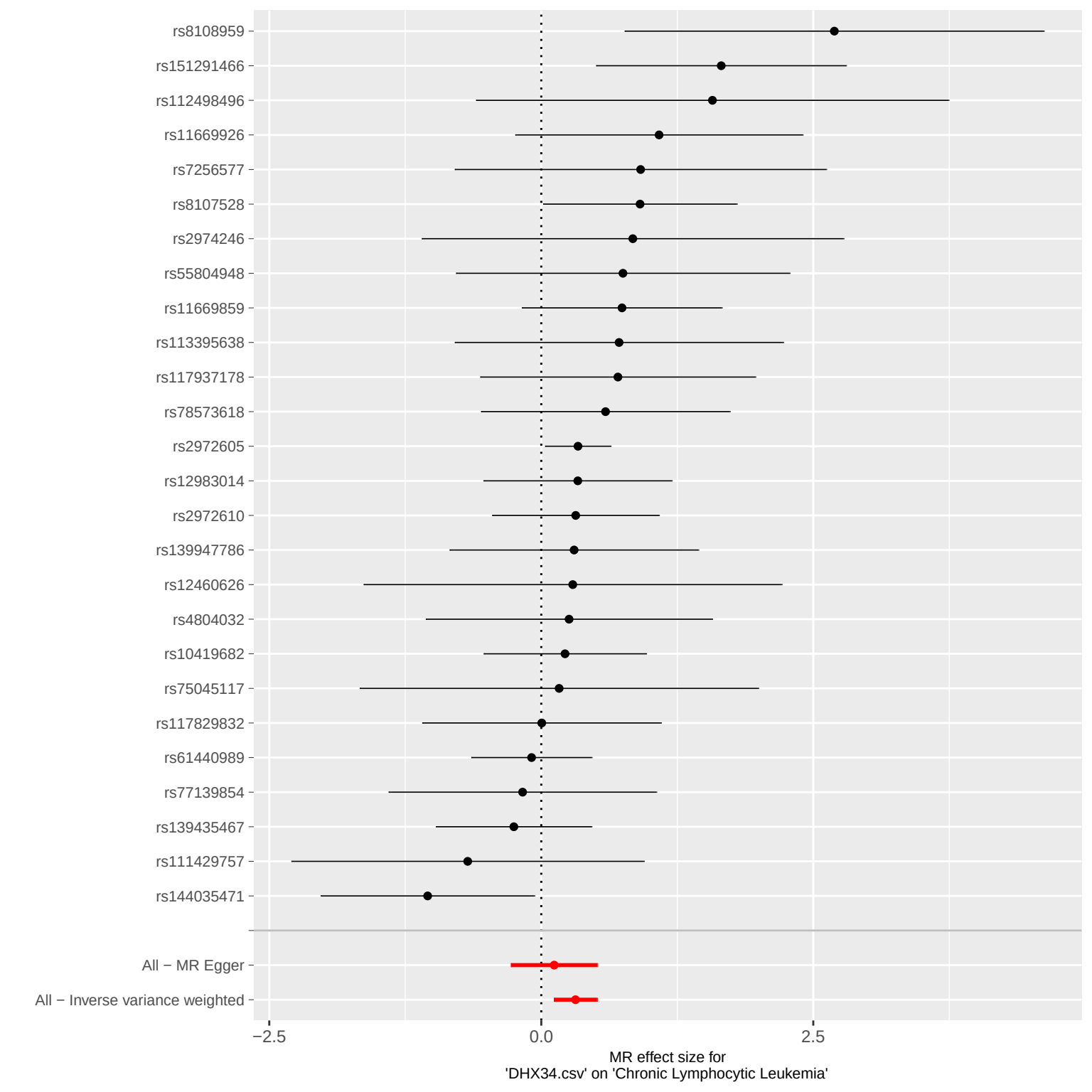
rs12450050
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'DHX33.csv' on 'Chronic Lymphocytic Leukemia'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rs61440989
rs77139854
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rs111429757
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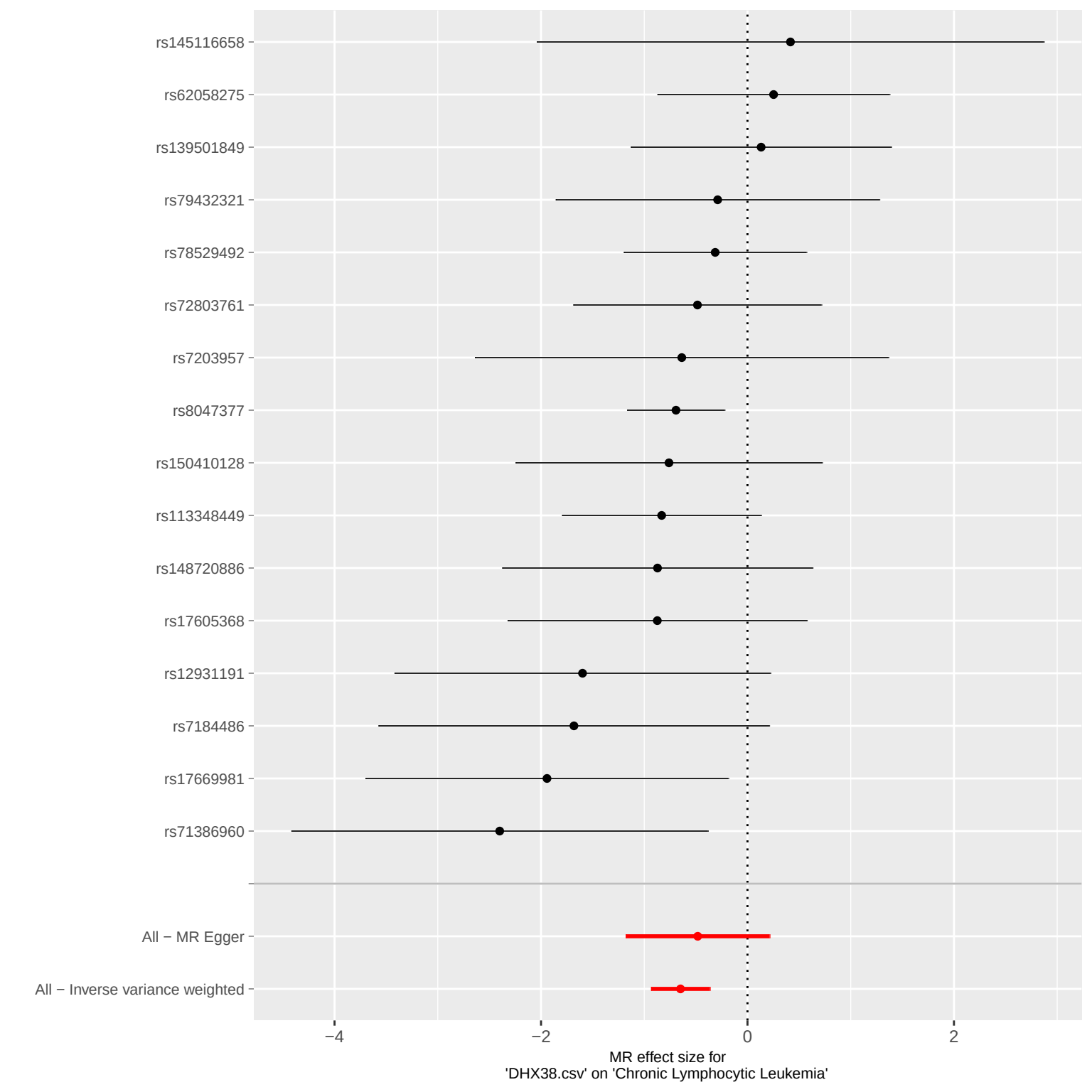
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'DHX34.csv' on 'Chronic Lymphocytic Leukemia'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rs148720886
rs17605368
rs12931191
rs7184486
rs17669981
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All − MR Egger
All − Inverse variance weighted
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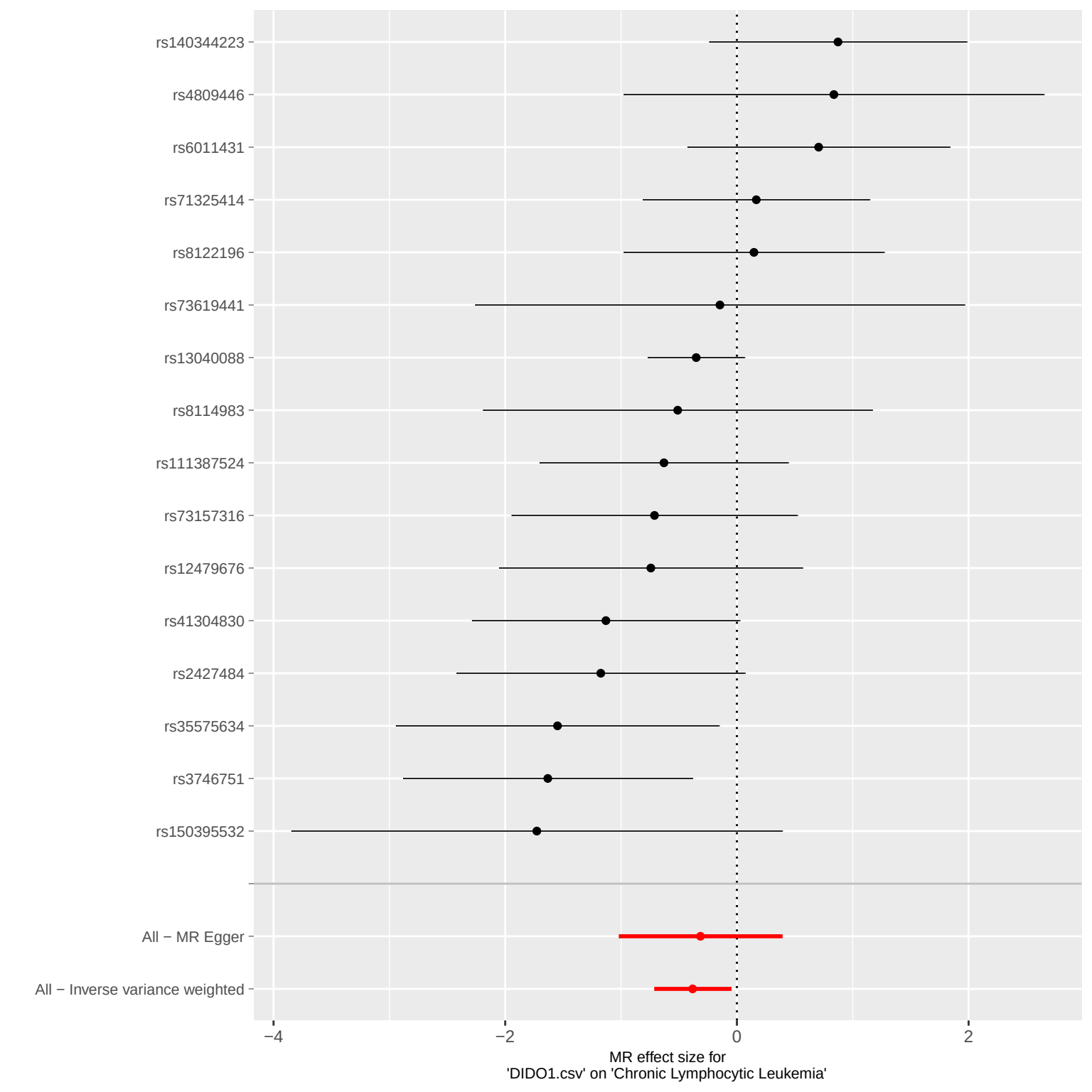
−2
0
2
MR effect size for
'DHX38.csv' on 'Chronic Lymphocytic Leukemia'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rs12479676
rs41304830
rs2427484
rs35575634
rs3746751
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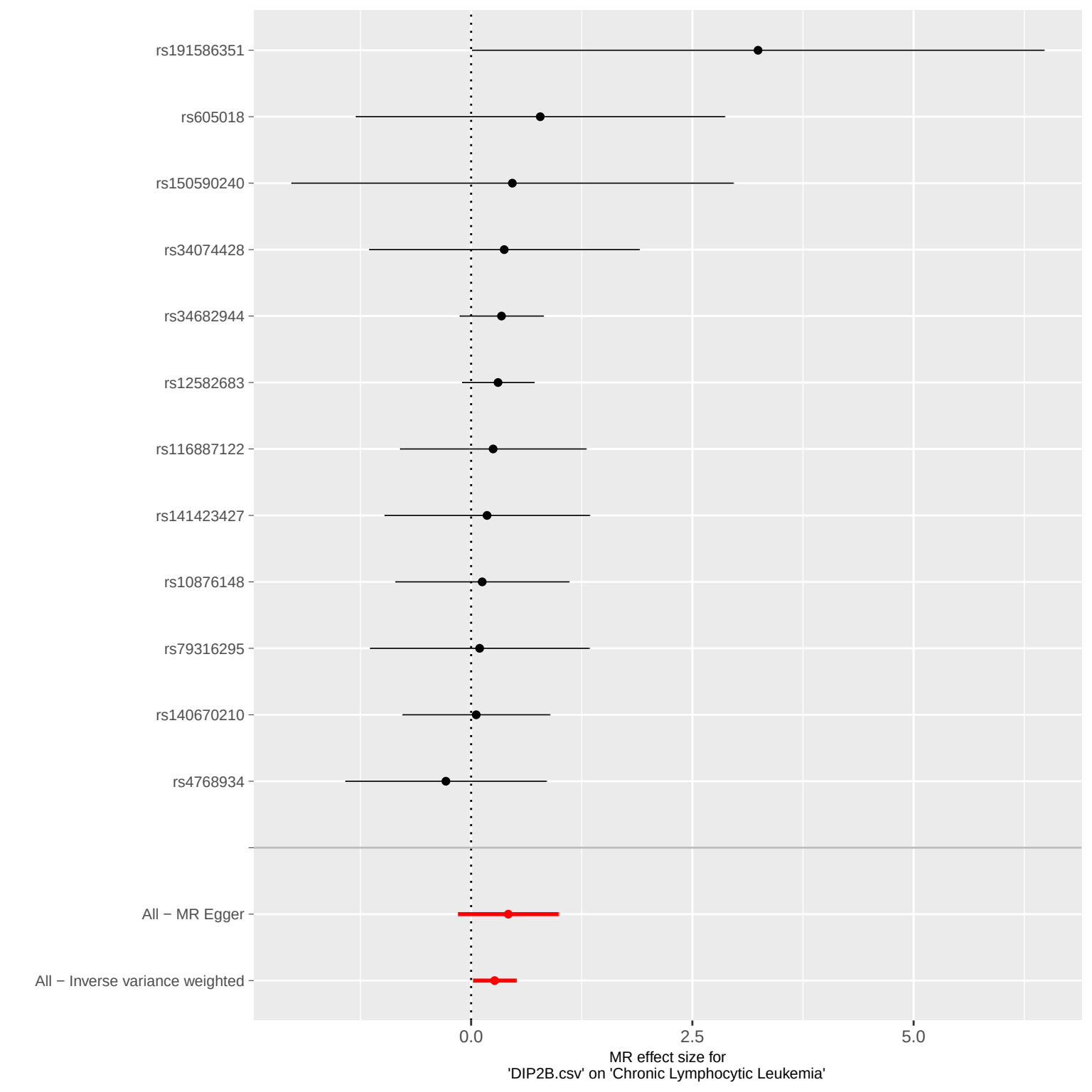
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DIDO1.csv' on 'Chronic Lymphocytic Leukemia'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rs34074428
rs34682944
rs12582683
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rs10876148
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rs140670210
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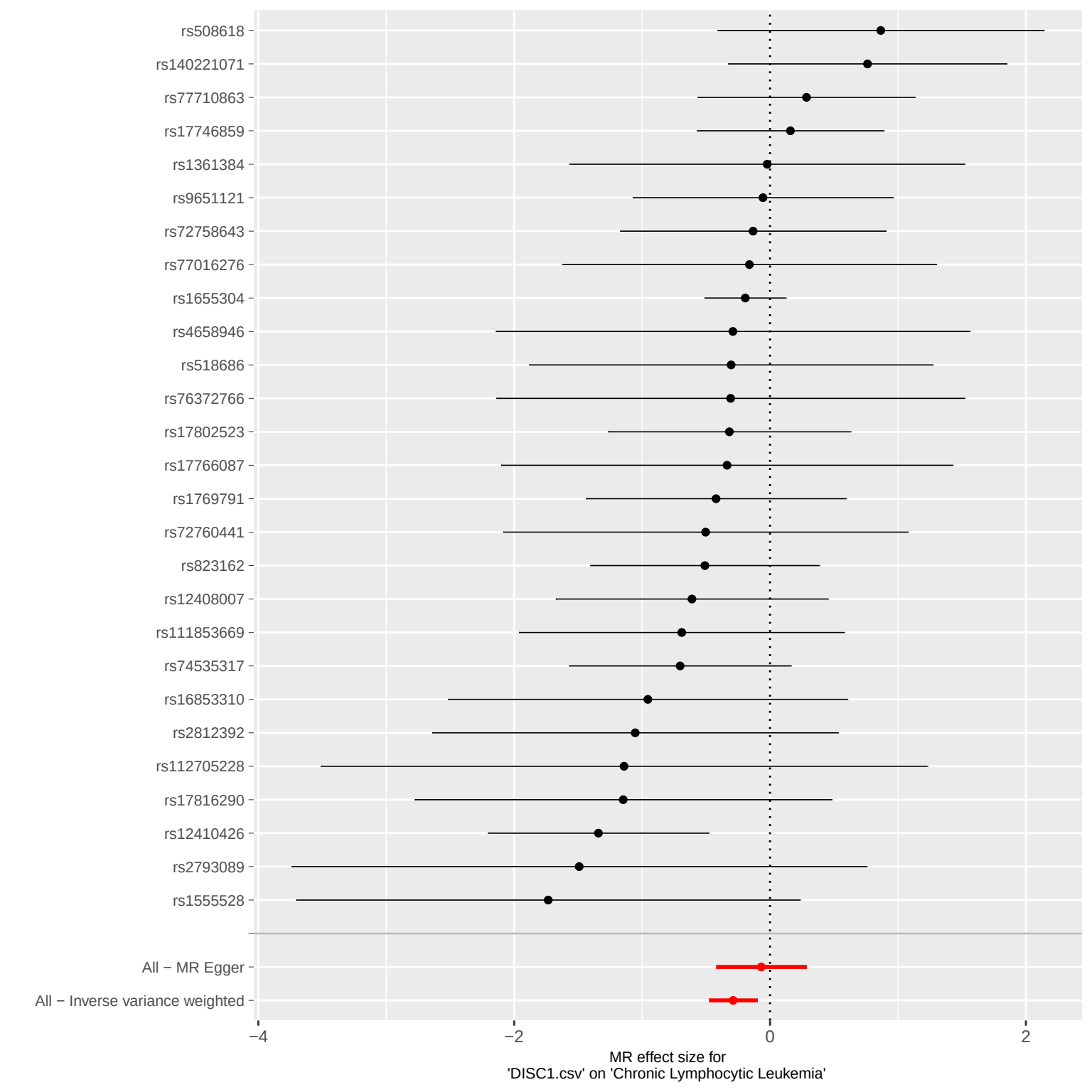
All − MR Egger
All − Inverse variance weighted
0.0
2.5
5.0
MR effect size for
'DIP2B.csv' on 'Chronic Lymphocytic Leukemia'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rs12408007
rs111853669
rs74535317
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rs112705228
rs17816290
rs12410426
rs2793089
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All − MR Egger
All − Inverse variance weighted
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−2
0
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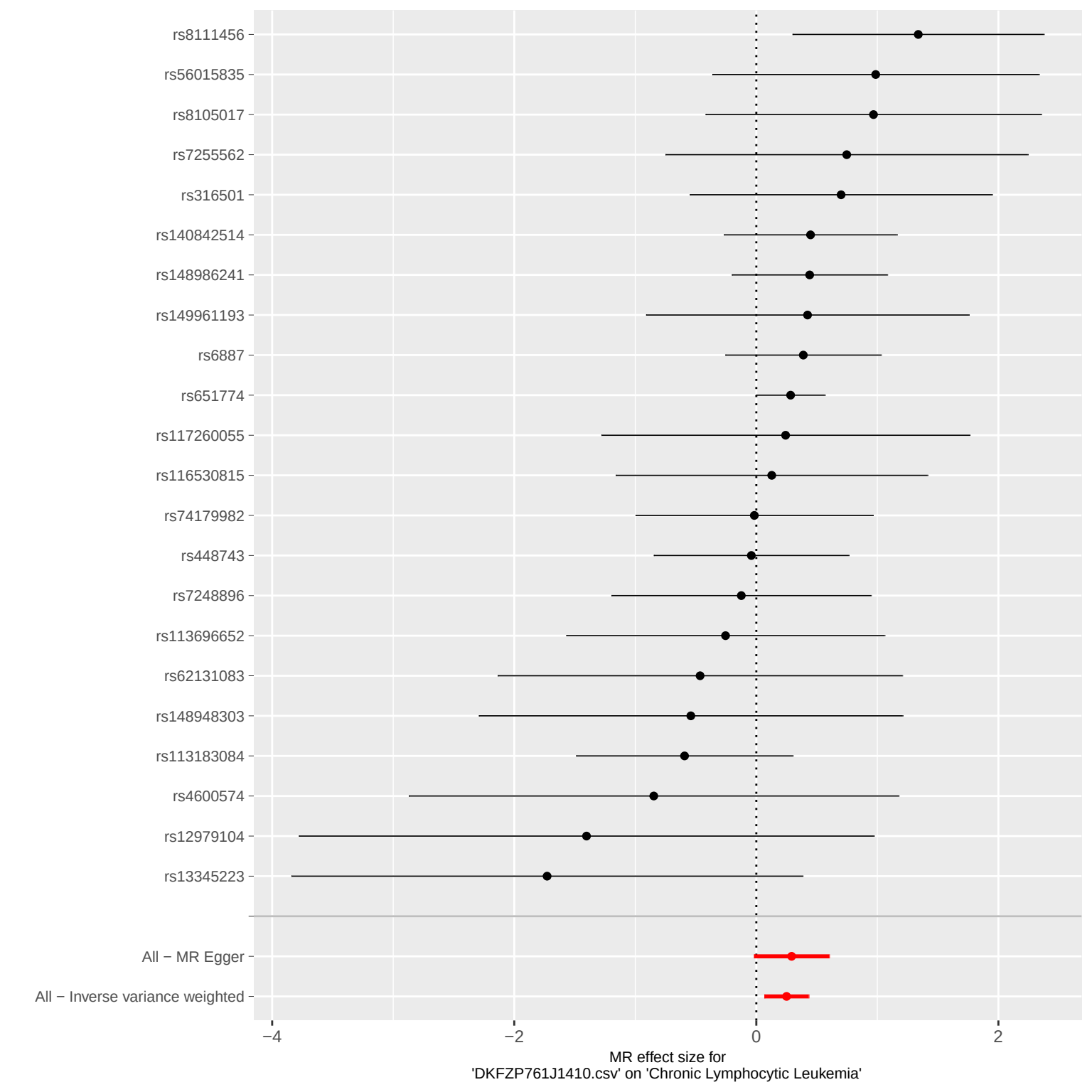
MR effect size for
'DISC1.csv' on 'Chronic Lymphocytic Leukemia'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rs62131083
rs148948303
rs113183084
rs4600574
rs12979104
rs13345223
All − MR Egger
All − Inverse variance weighted
−4
−2
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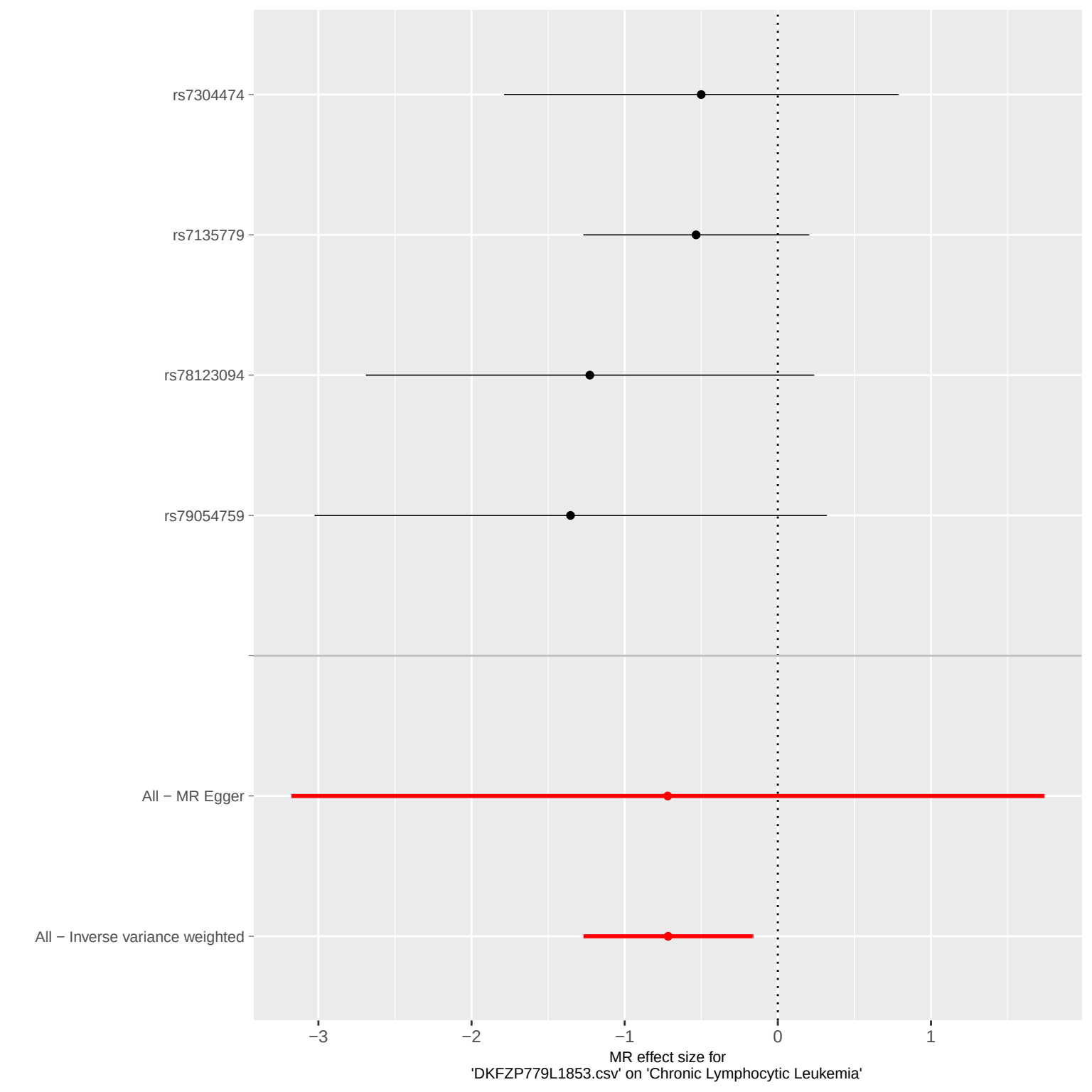
2
MR effect size for
'DKFZP761J1410.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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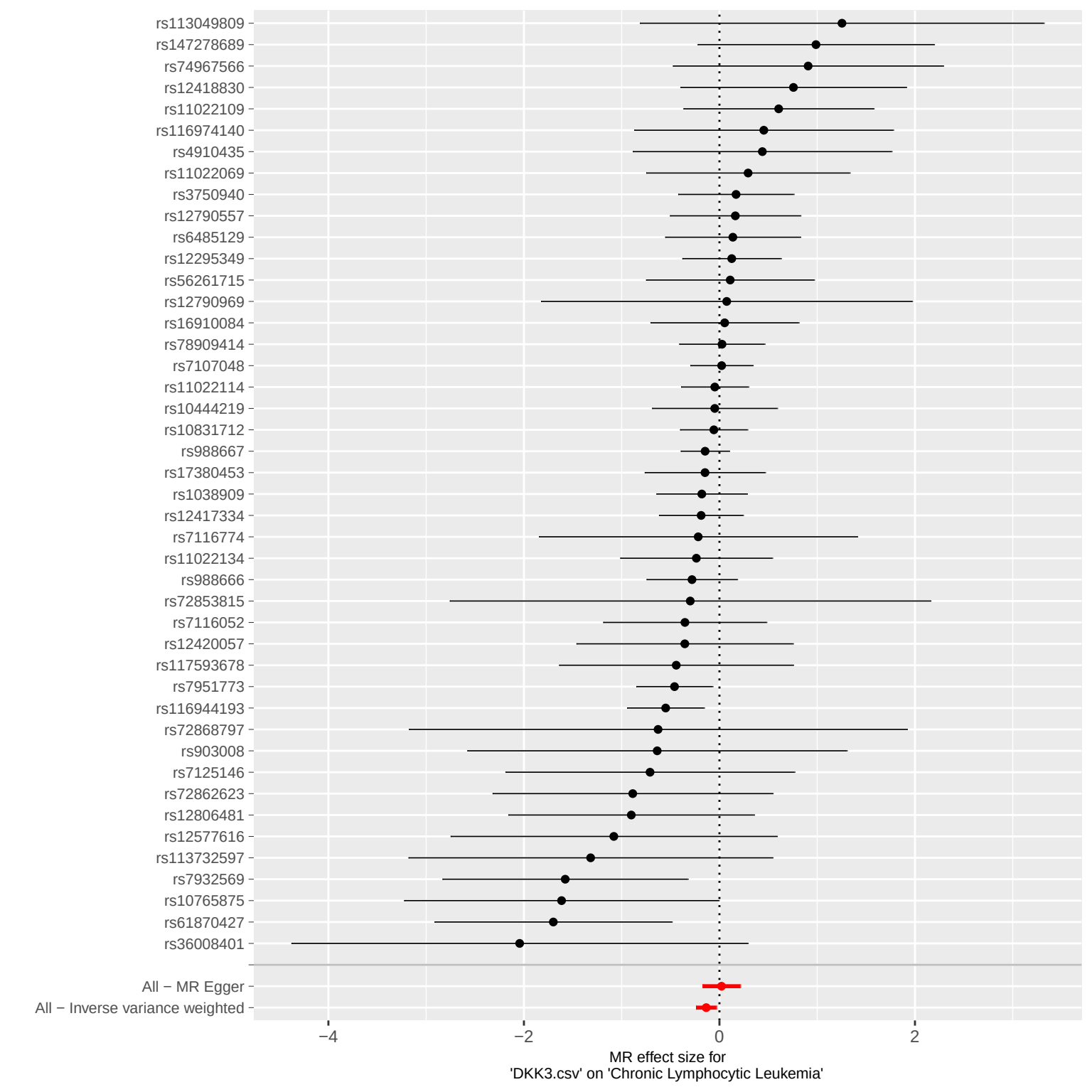
MR effect size for
'DKFZP779L1853.csv' on 'Chronic Lymphocytic Leukemia'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rs56261715
rs12790969
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rs10444219
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rs988667
rs17380453
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rs12417334
rs7116774
rs11022134
rs988666
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rs903008
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rs7932569
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All − MR Egger
All − Inverse variance weighted
−4
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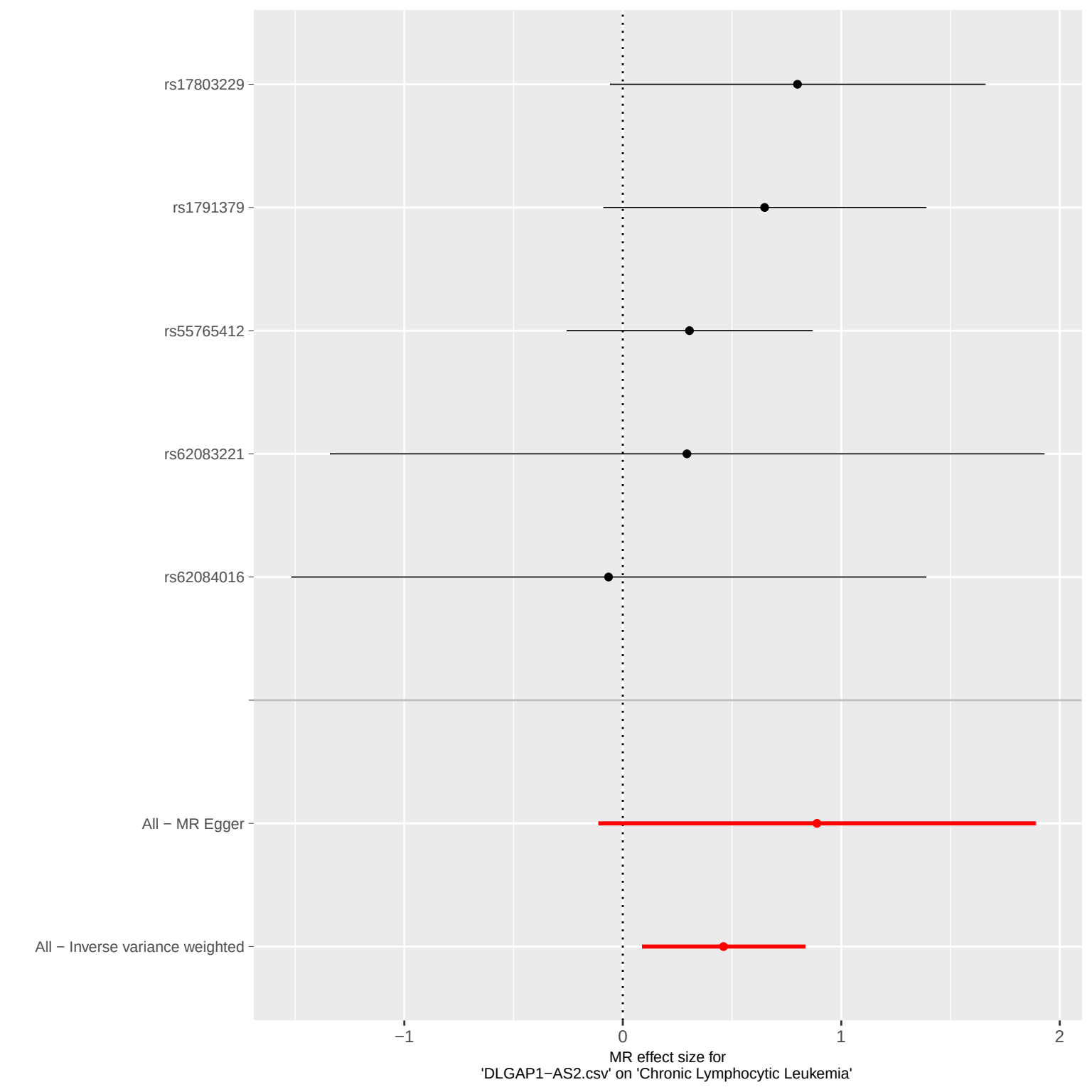
2
MR effect size for
'DKK3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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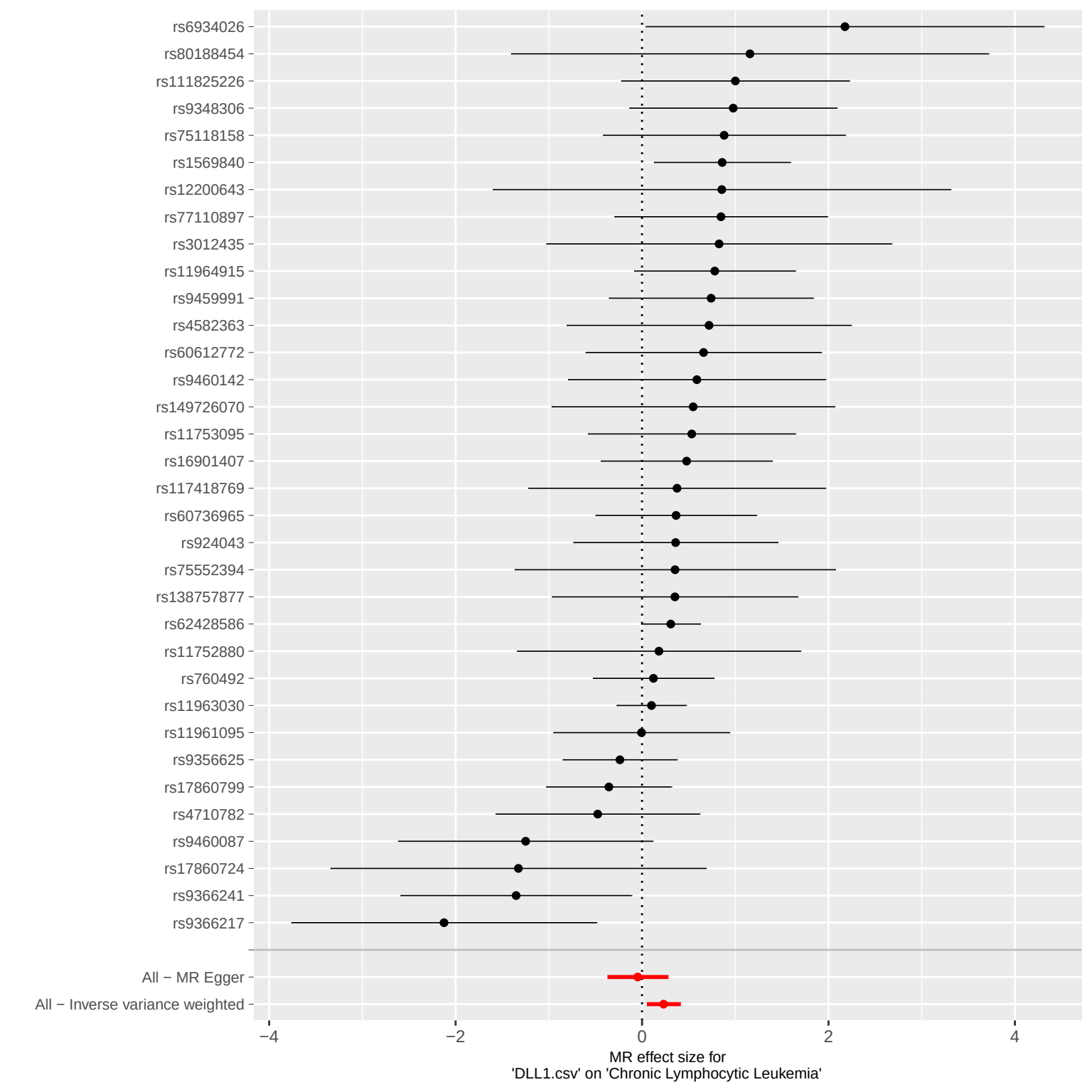
1
2
MR effect size for
'DLGAP1−AS2.csv' on 'Chronic Lymphocytic Leukemia'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rs9460087
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All − MR Egger
All − Inverse variance weighted
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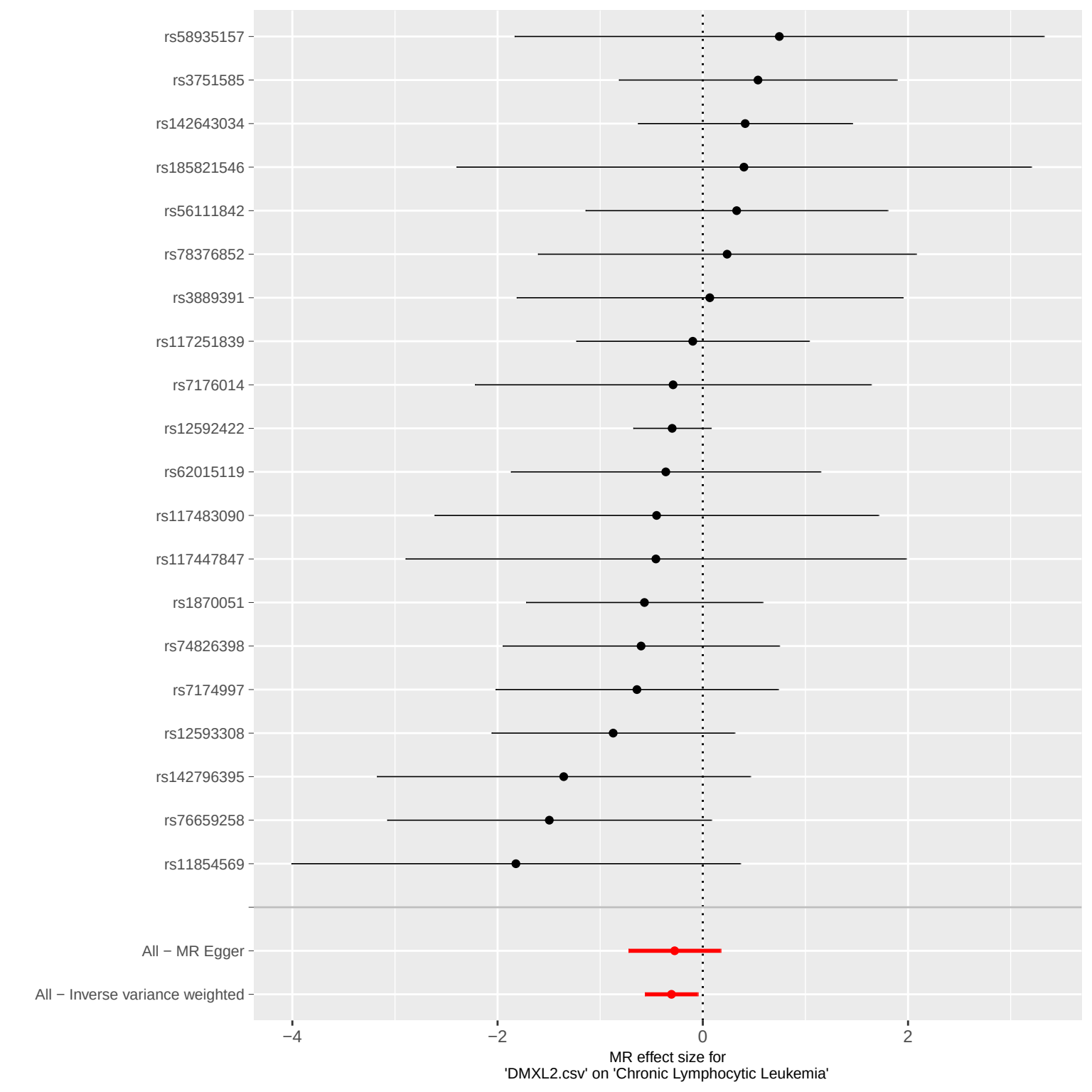
MR effect size for
'DLL1.csv' on 'Chronic Lymphocytic Leukemia'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rs74826398
rs7174997
rs12593308
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rs76659258
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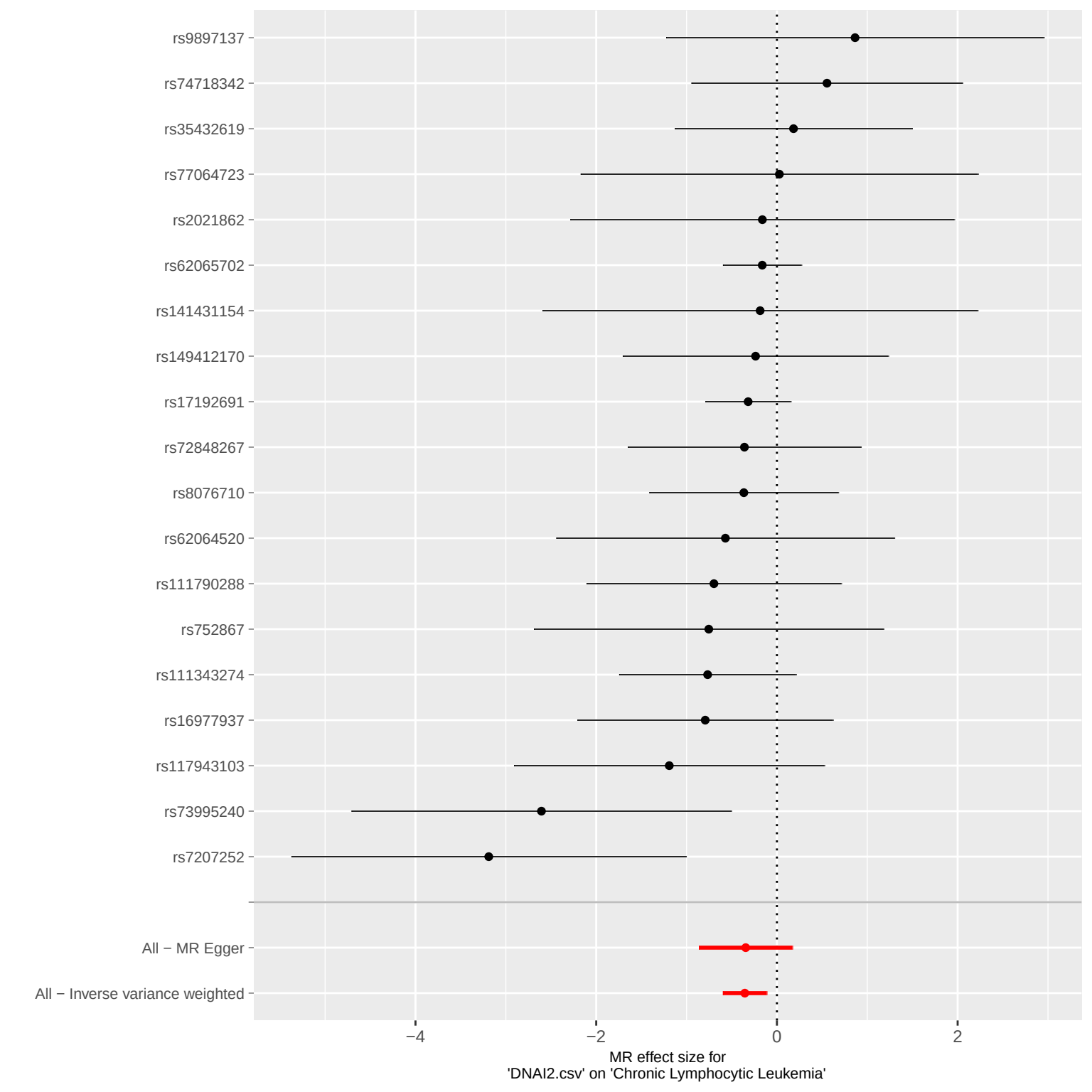
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DMXL2.csv' on 'Chronic Lymphocytic Leukemia'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rs62064520
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rs752867
rs111343274
rs16977937
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All − MR Egger
All − Inverse variance weighted
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−2
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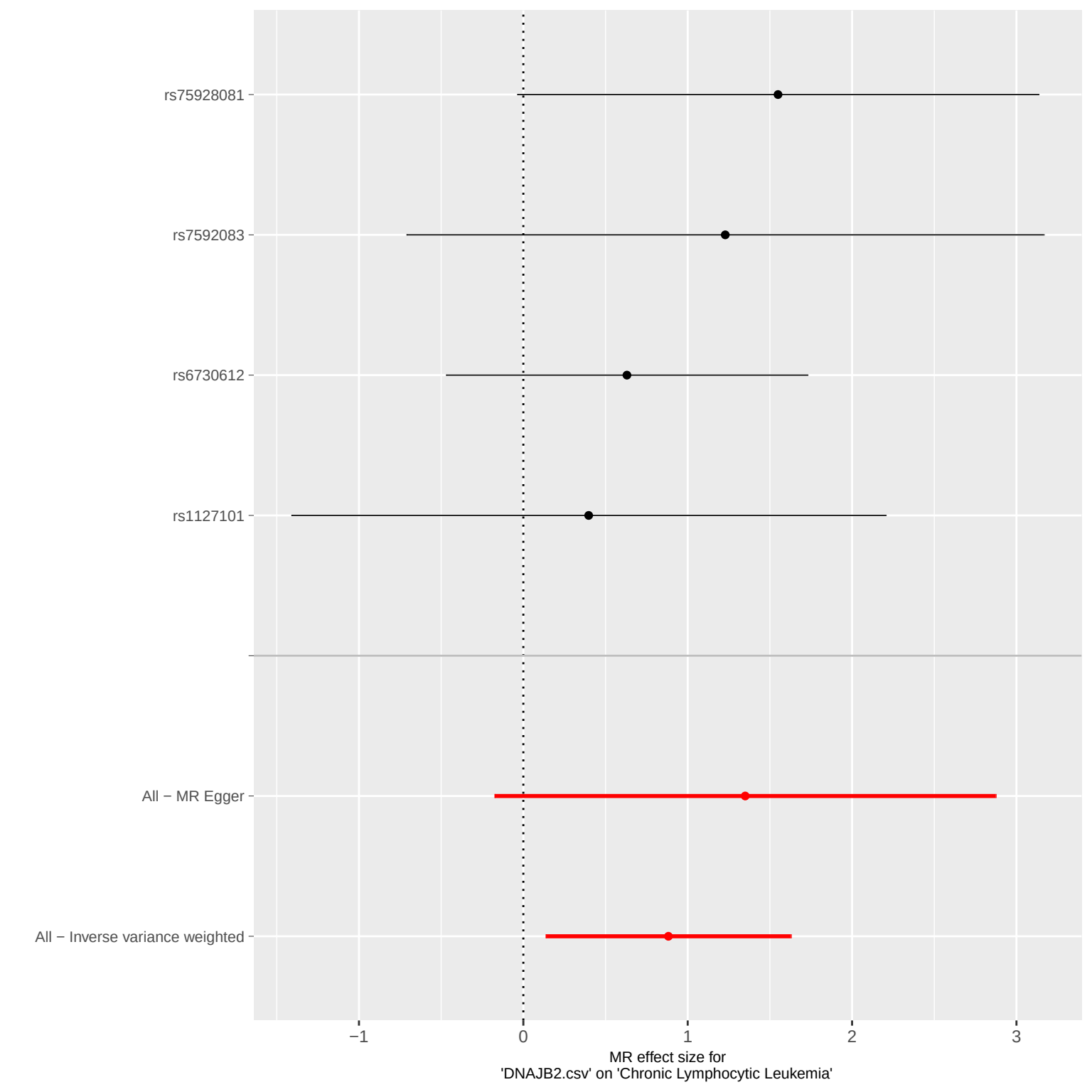
MR effect size for
'DNAI2.csv' on 'Chronic Lymphocytic Leukemia'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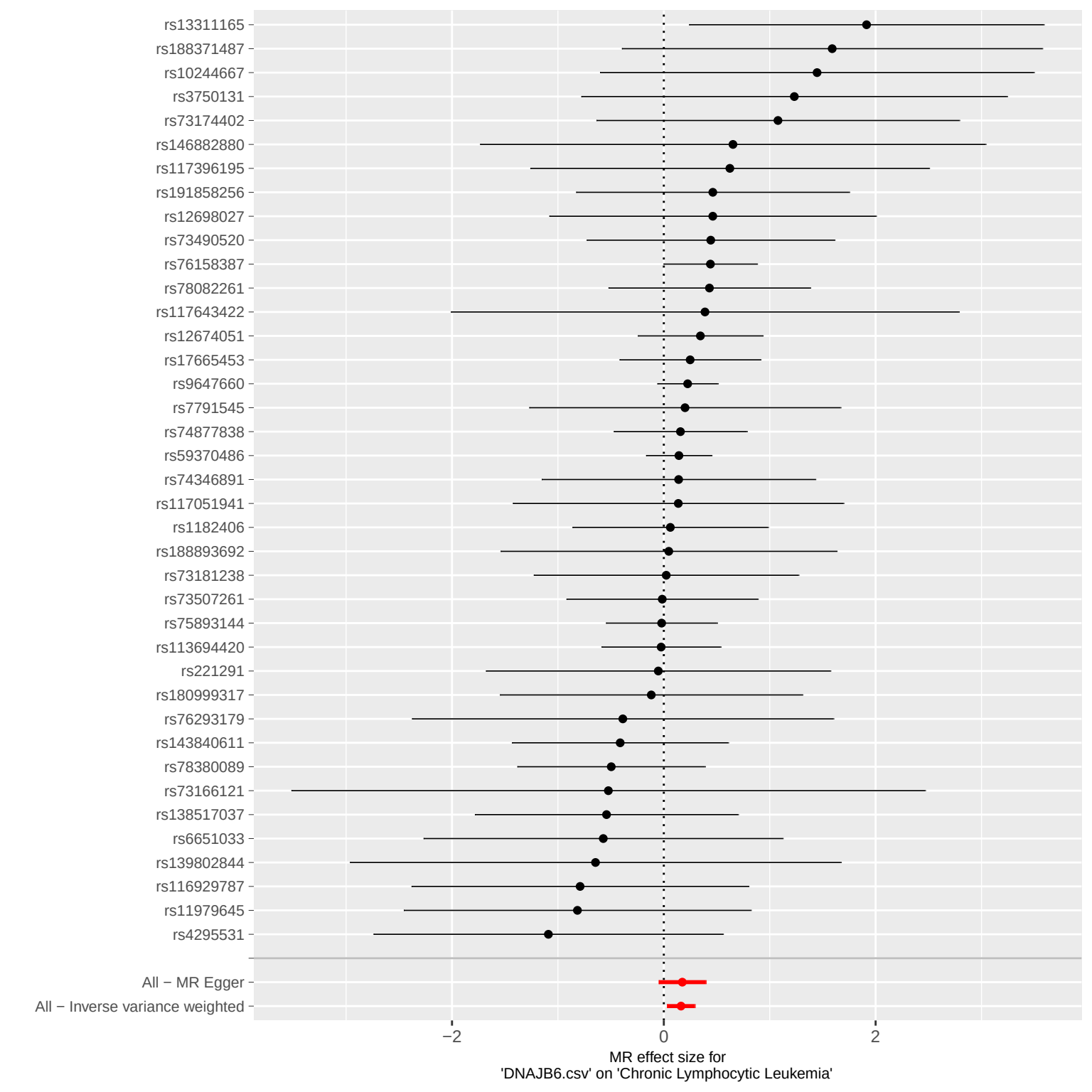
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'DNAJB2.csv' on 'Chronic Lymphocytic Leukemia'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rs188893692
rs73181238
rs73507261
rs75893144
rs113694420
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rs180999317
rs76293179
rs143840611
rs78380089
rs73166121
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rs6651033
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All − MR Egger
All − Inverse variance weighted
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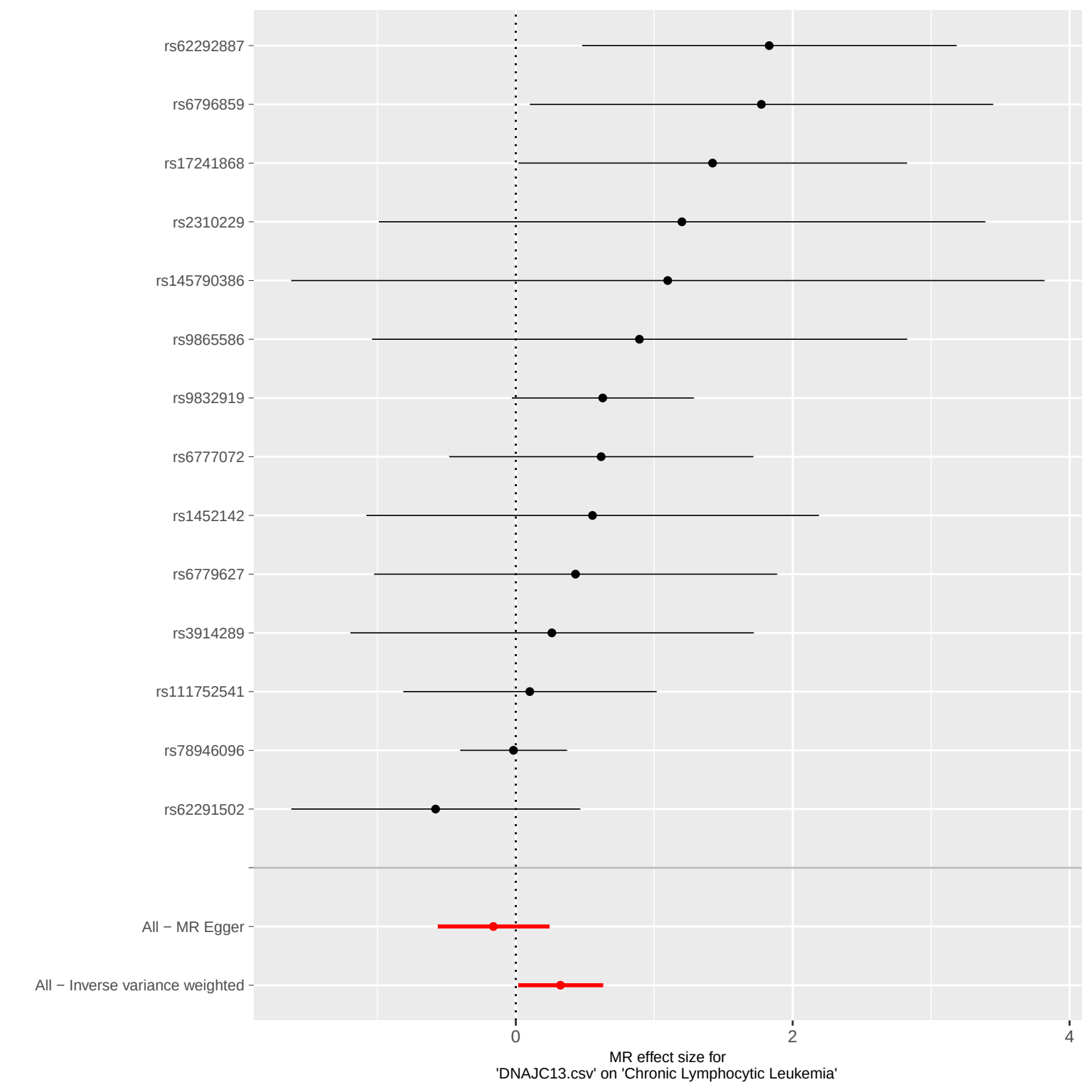
MR effect size for
'DNAJB6.csv' on 'Chronic Lymphocytic Leukemia'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rs3914289
rs111752541
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All − MR Egger
All − Inverse variance weighted
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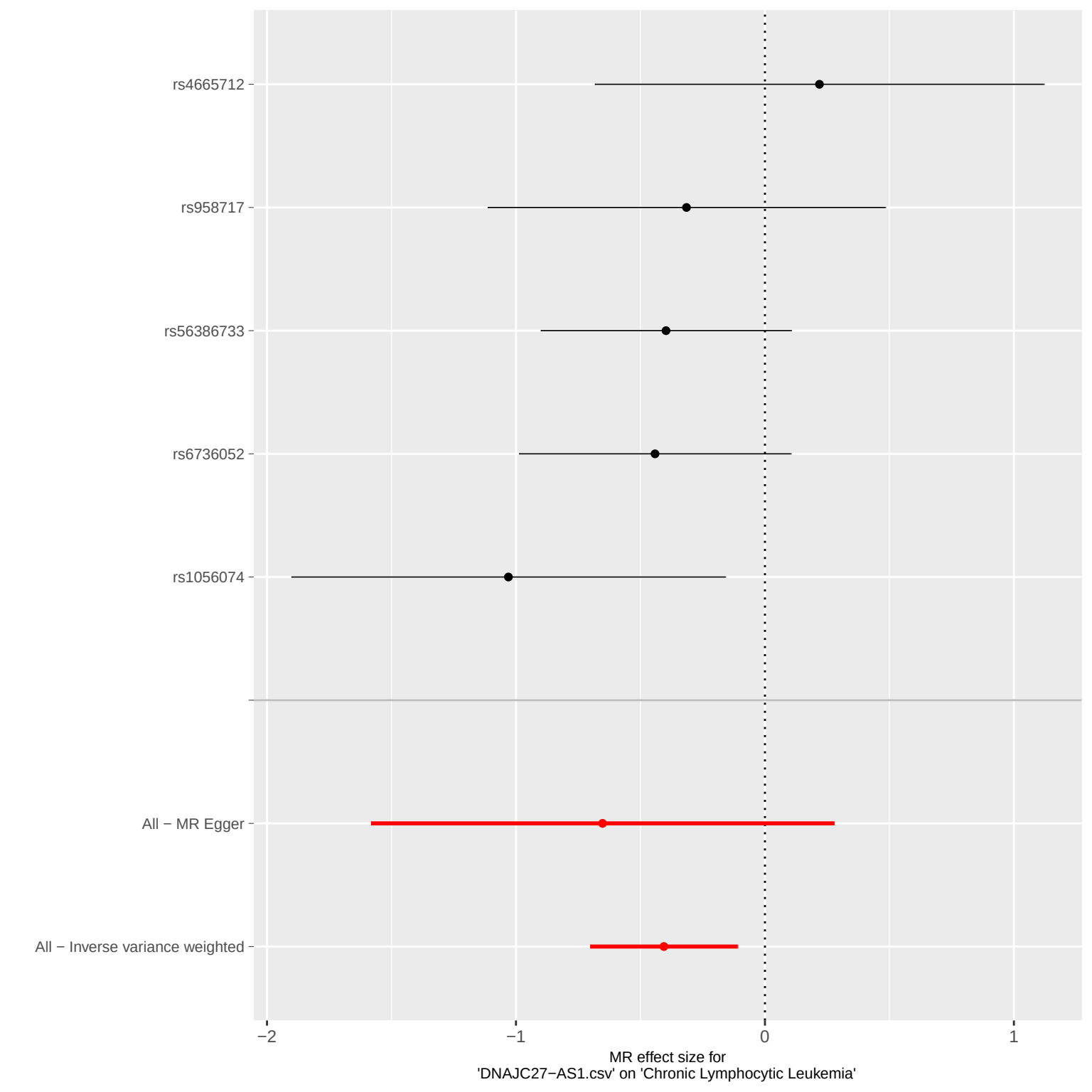
MR effect size for
'DNAJC13.csv' on 'Chronic Lymphocytic Leukemia'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rs958717
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rs6736052
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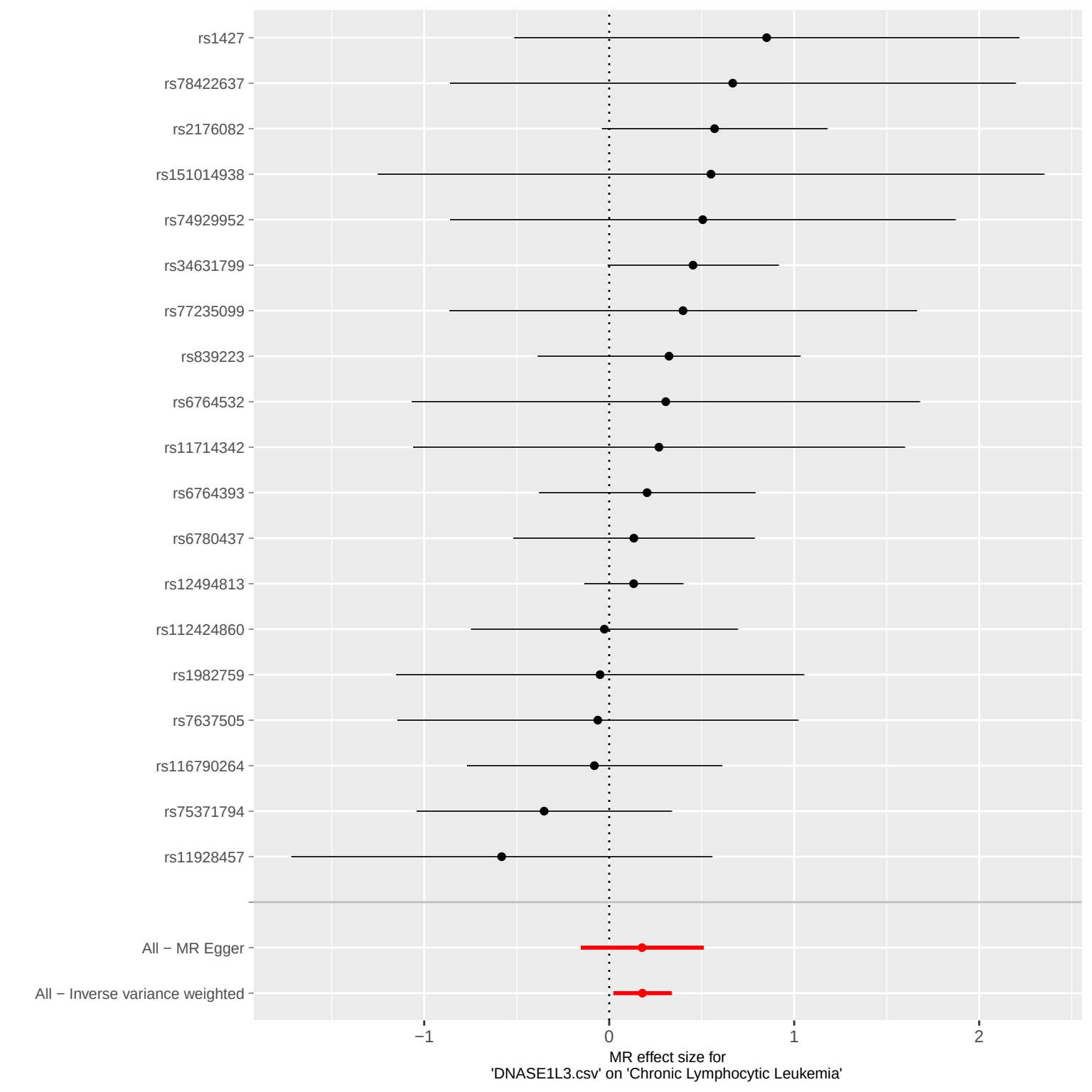
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'DNAJC27−AS1.csv' on 'Chronic Lymphocytic Leukemia'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rs1982759
rs7637505
rs116790264
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All − Inverse variance weighted
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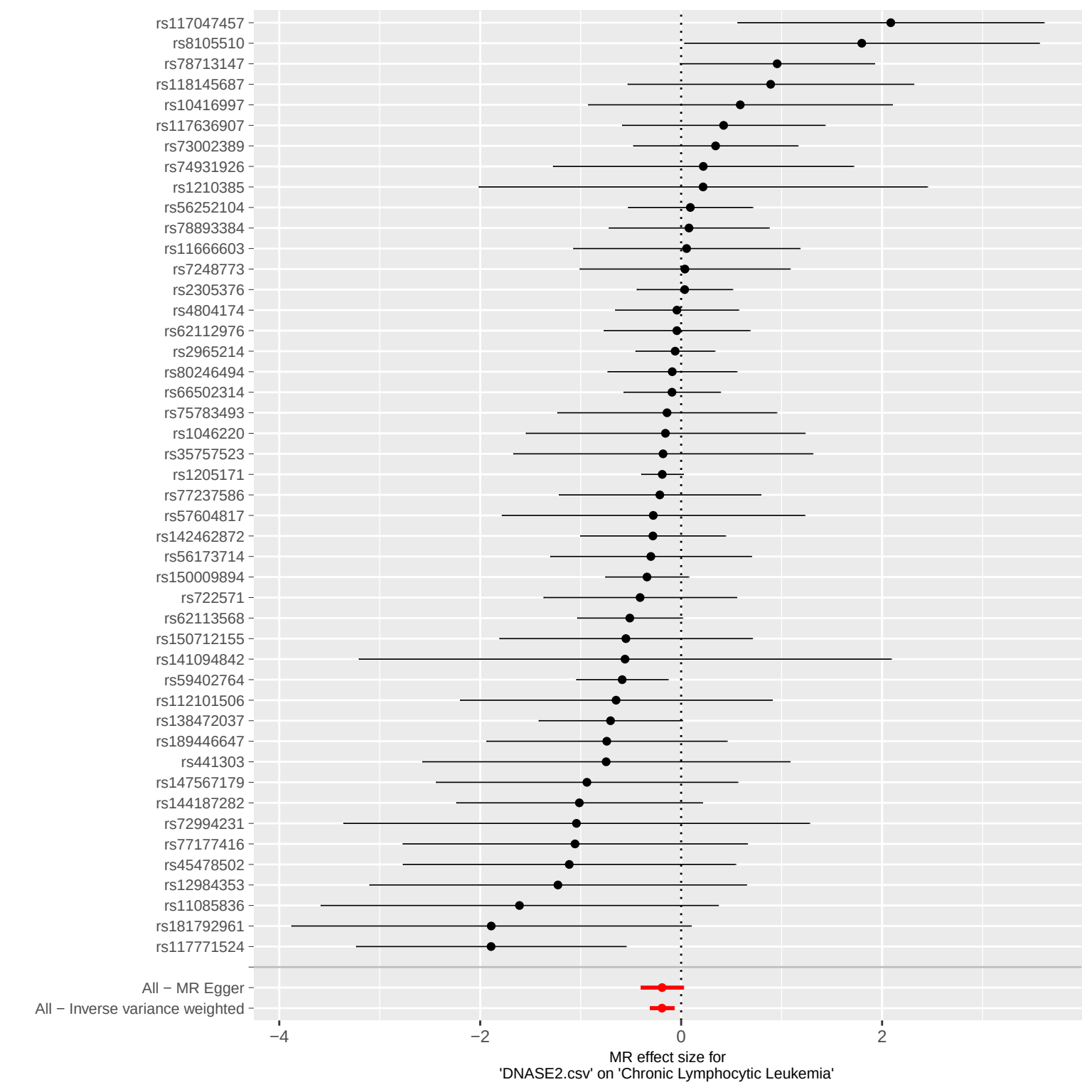
2
MR effect size for
'DNASE1L3.csv' on 'Chronic Lymphocytic Leukemia'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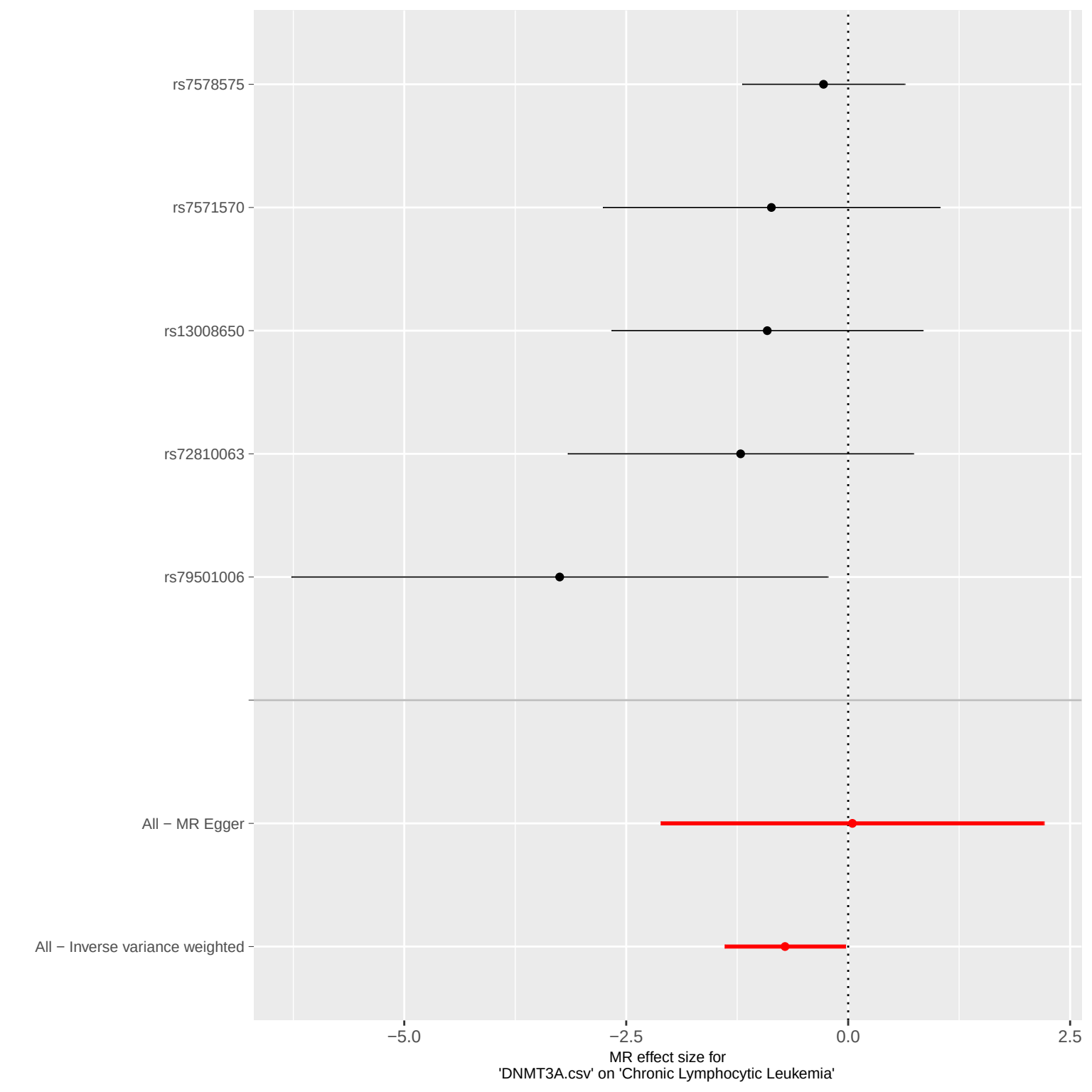
rs77177416
rs45478502
rs12984353
rs11085836
rs181792961
rs117771524
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DNASE2.csv' on 'Chronic Lymphocytic Leukemia'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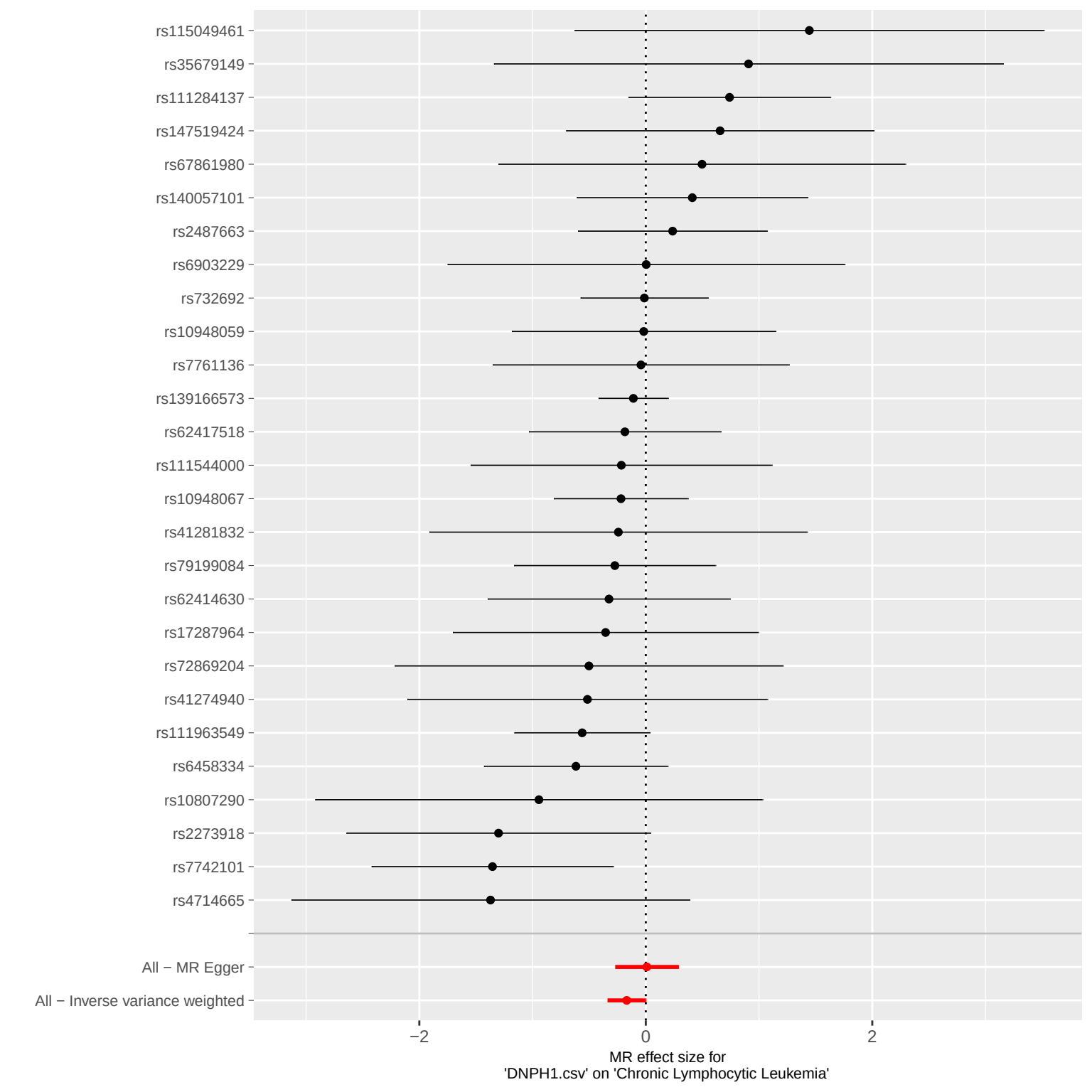
rs7571570
rs13008650
rs72810063
rs79501006
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'DNMT3A.csv' on 'Chronic Lymphocytic Leukemia'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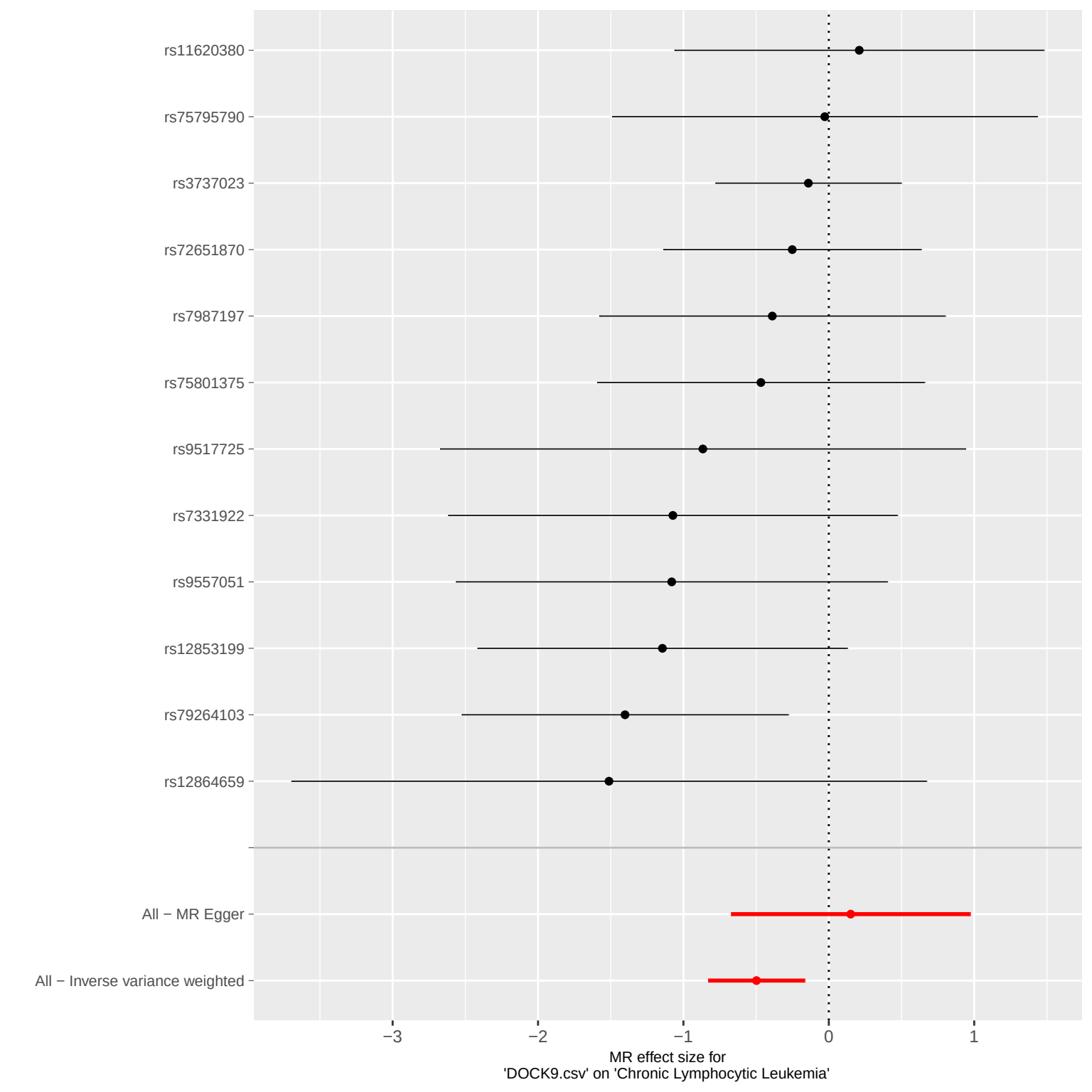
rs79199084
rs62414630
rs17287964
rs72869204
rs41274940
rs111963549
rs6458334
rs10807290
rs2273918
rs7742101
rs4714665
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'DNPH1.csv' on 'Chronic Lymphocytic Leukemia'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rs72651870
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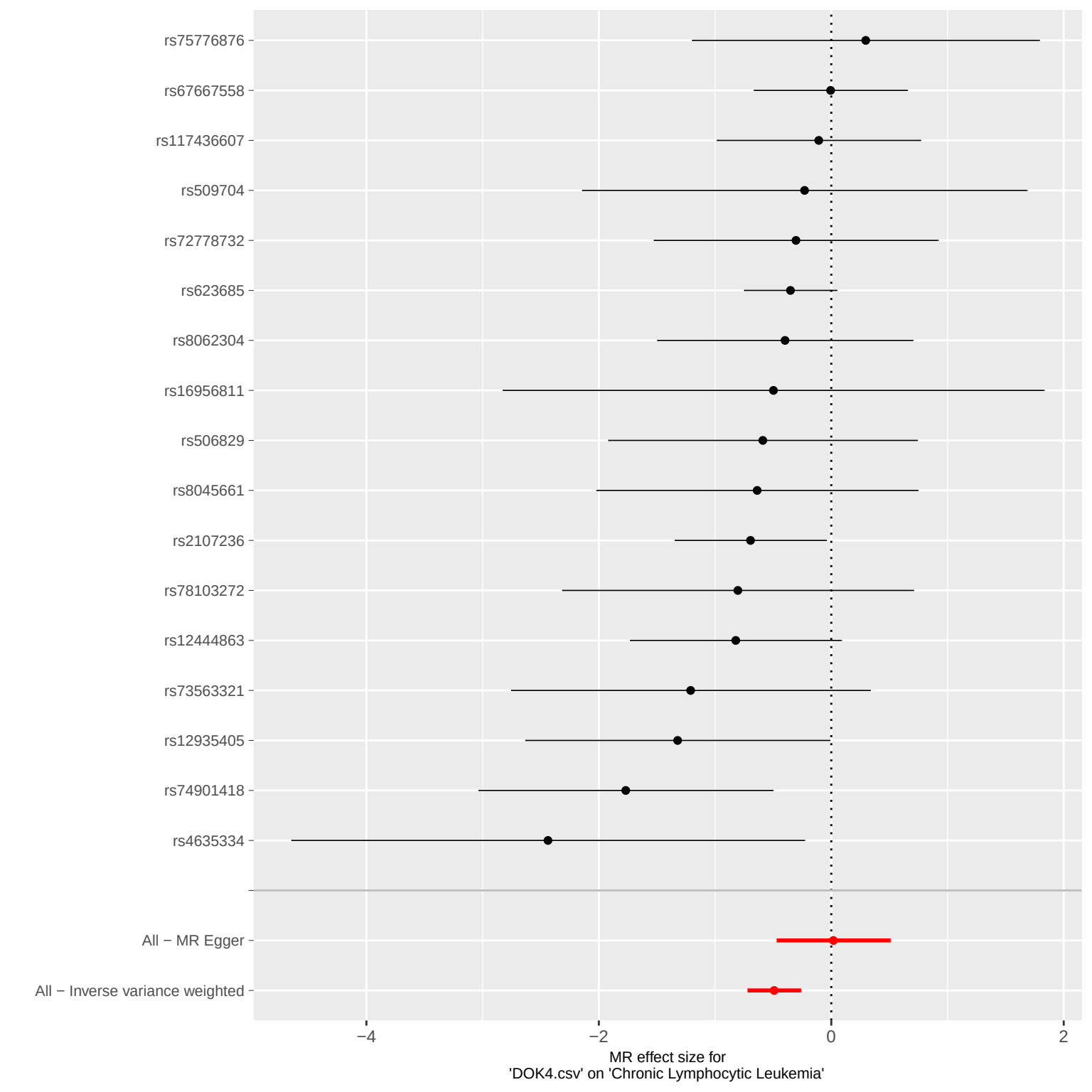
rs75801375
rs9517725
rs7331922
rs9557051
rs12853199
rs79264103
rs12864659
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'DOCK9.csv' on 'Chronic Lymphocytic Leukemia'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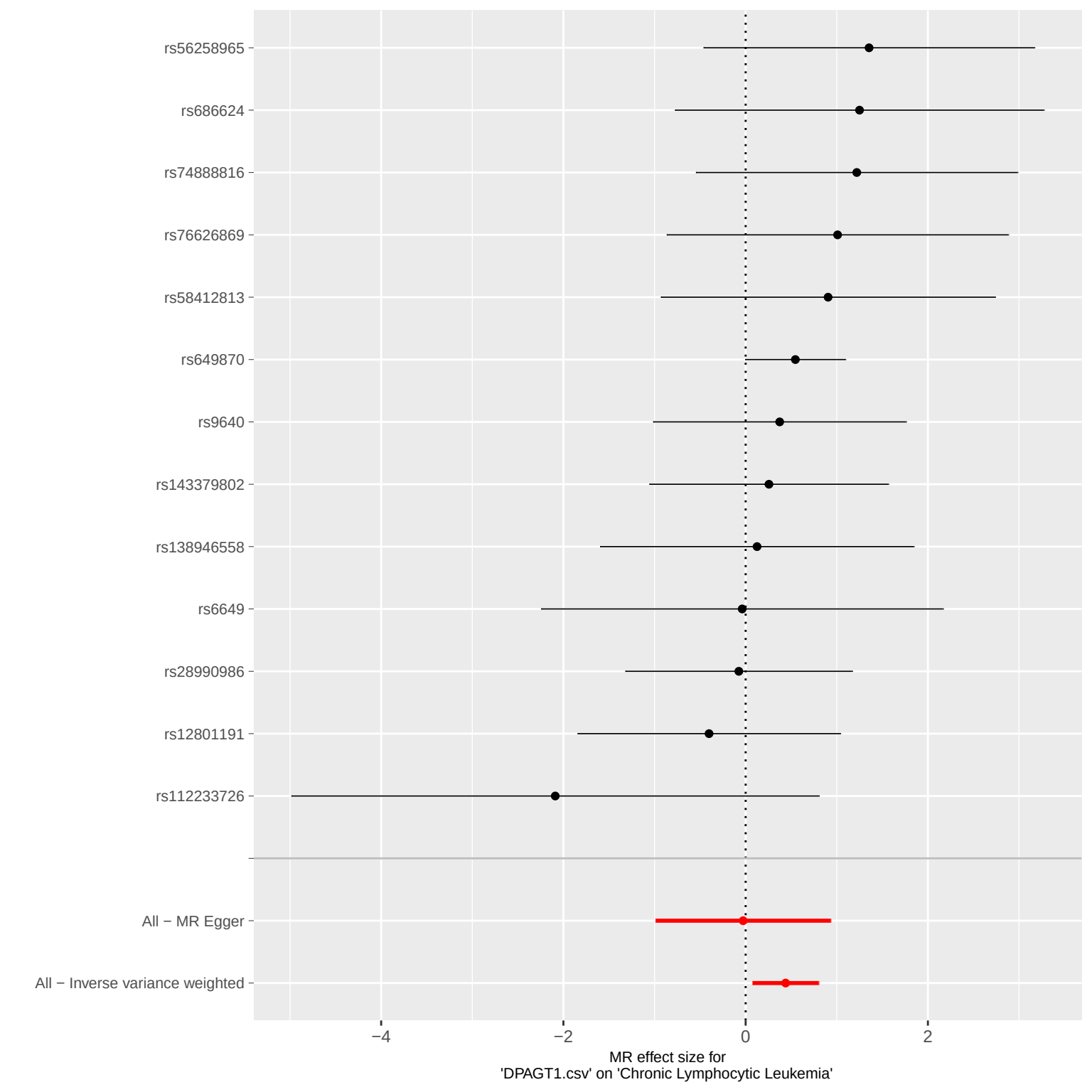
rs623685
rs8062304
rs16956811
rs506829
rs8045661
rs2107236
rs78103272
rs12444863
rs73563321
rs12935405
rs74901418
rs4635334
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DOK4.csv' on 'Chronic Lymphocytic Leukemia'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rs58412813
rs649870
rs9640
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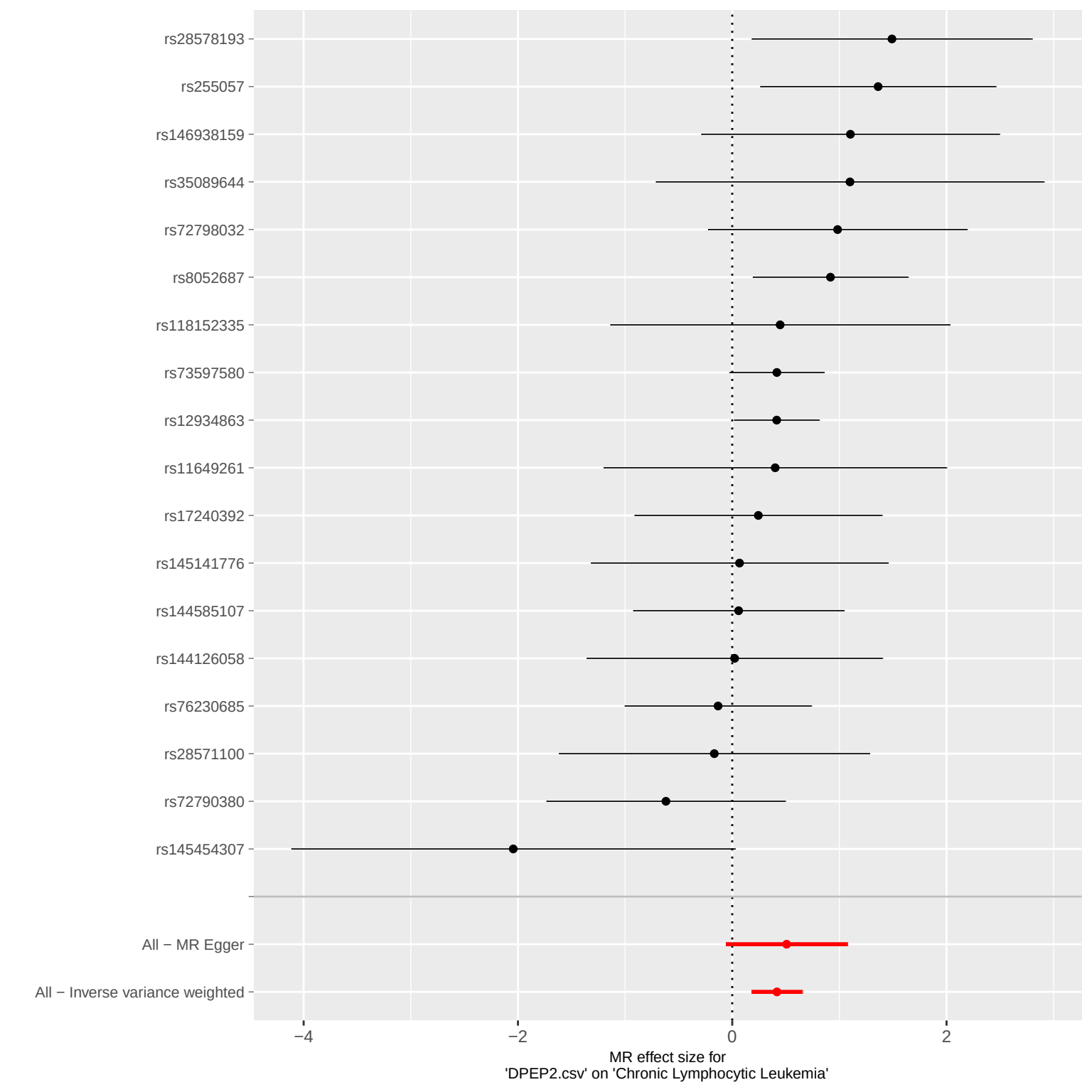
rs6649
rs28990986
rs12801191
rs112233726
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DPAGT1.csv' on 'Chronic Lymphocytic Leukemia'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rs145141776
rs144585107
rs144126058
rs76230685
rs28571100
rs72790380
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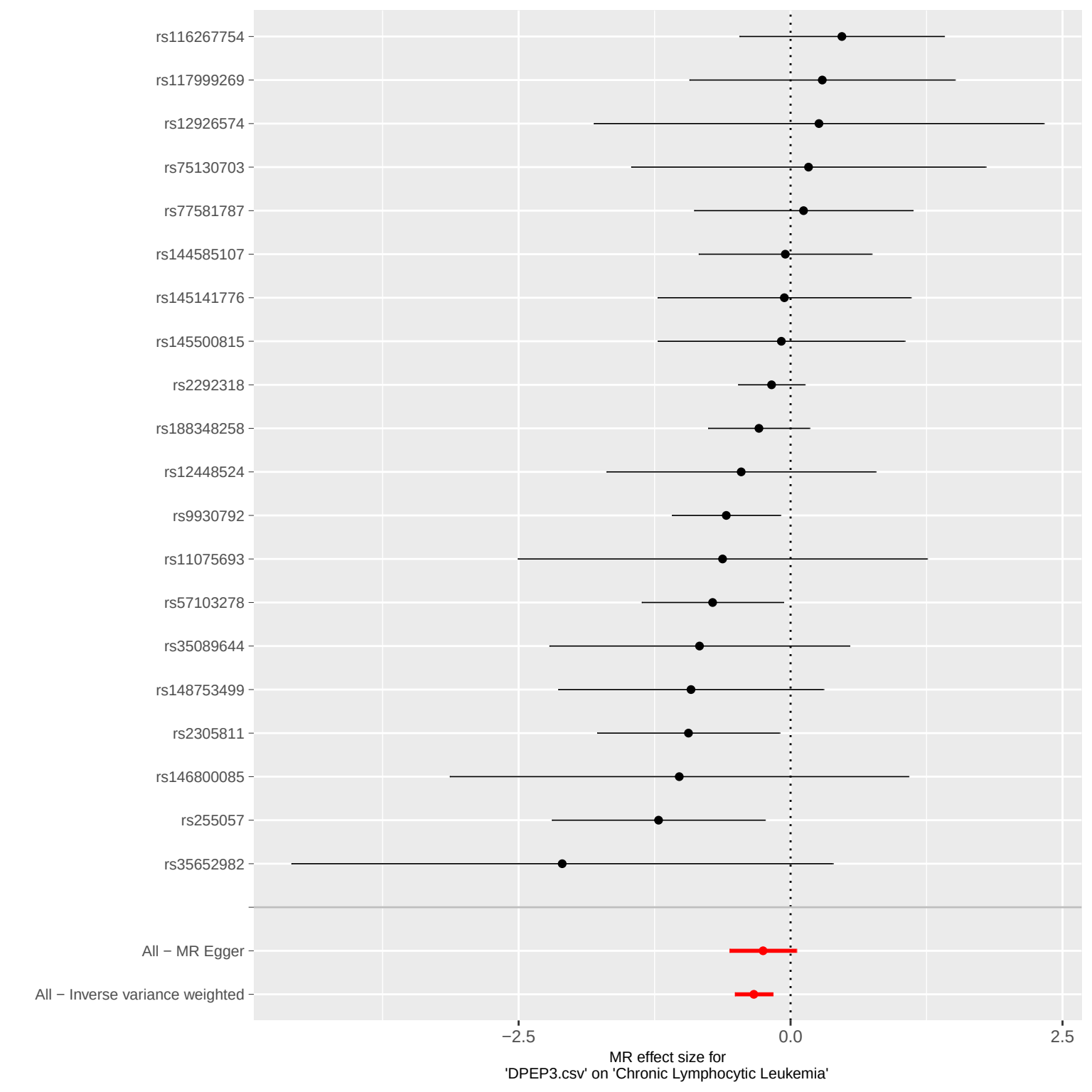
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DPEP2.csv' on 'Chronic Lymphocytic Leukemia'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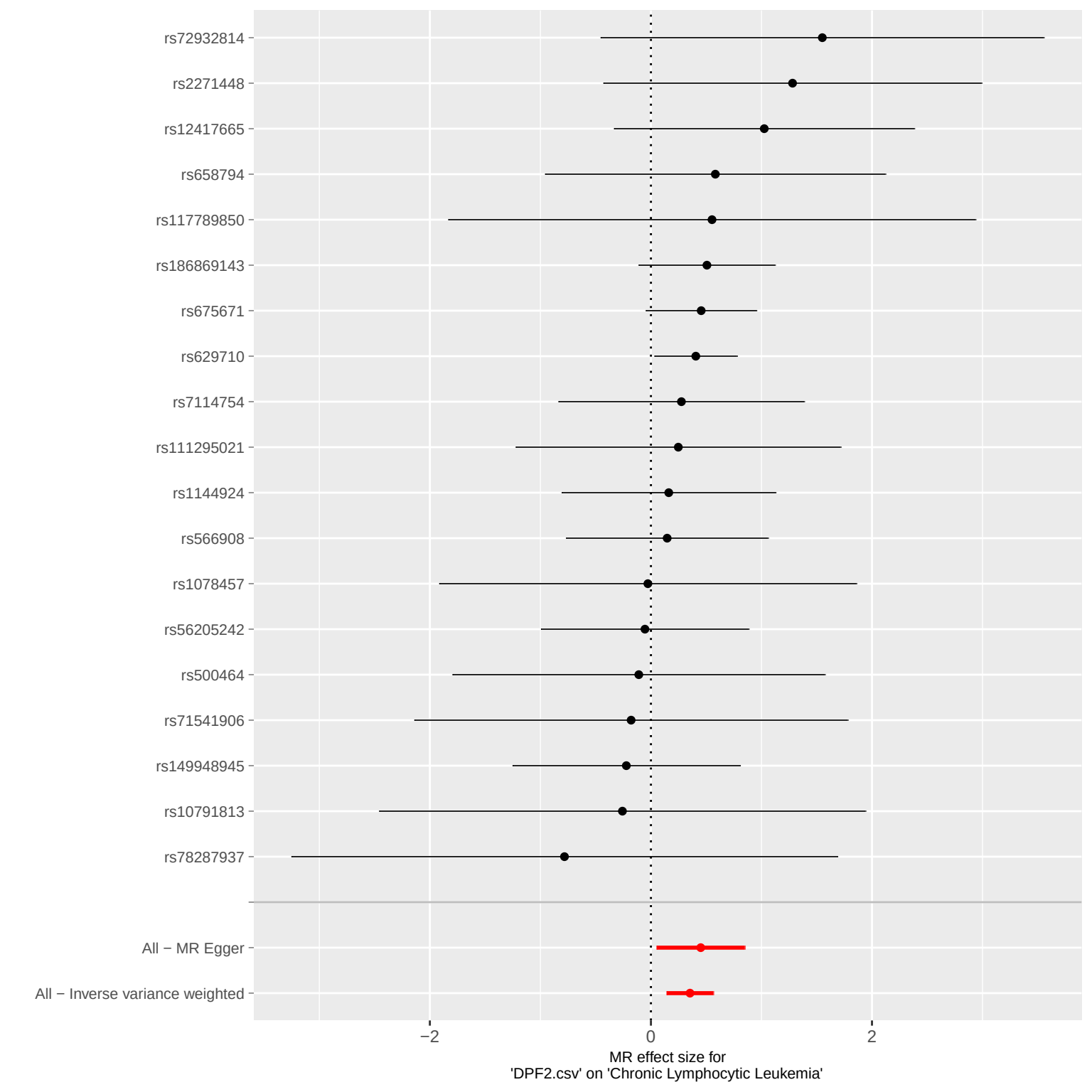
rs12448524
rs9930792
rs11075693
rs57103278
rs35089644
rs148753499
rs2305811
rs146800085
rs255057
rs35652982
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'DPEP3.csv' on 'Chronic Lymphocytic Leukemia'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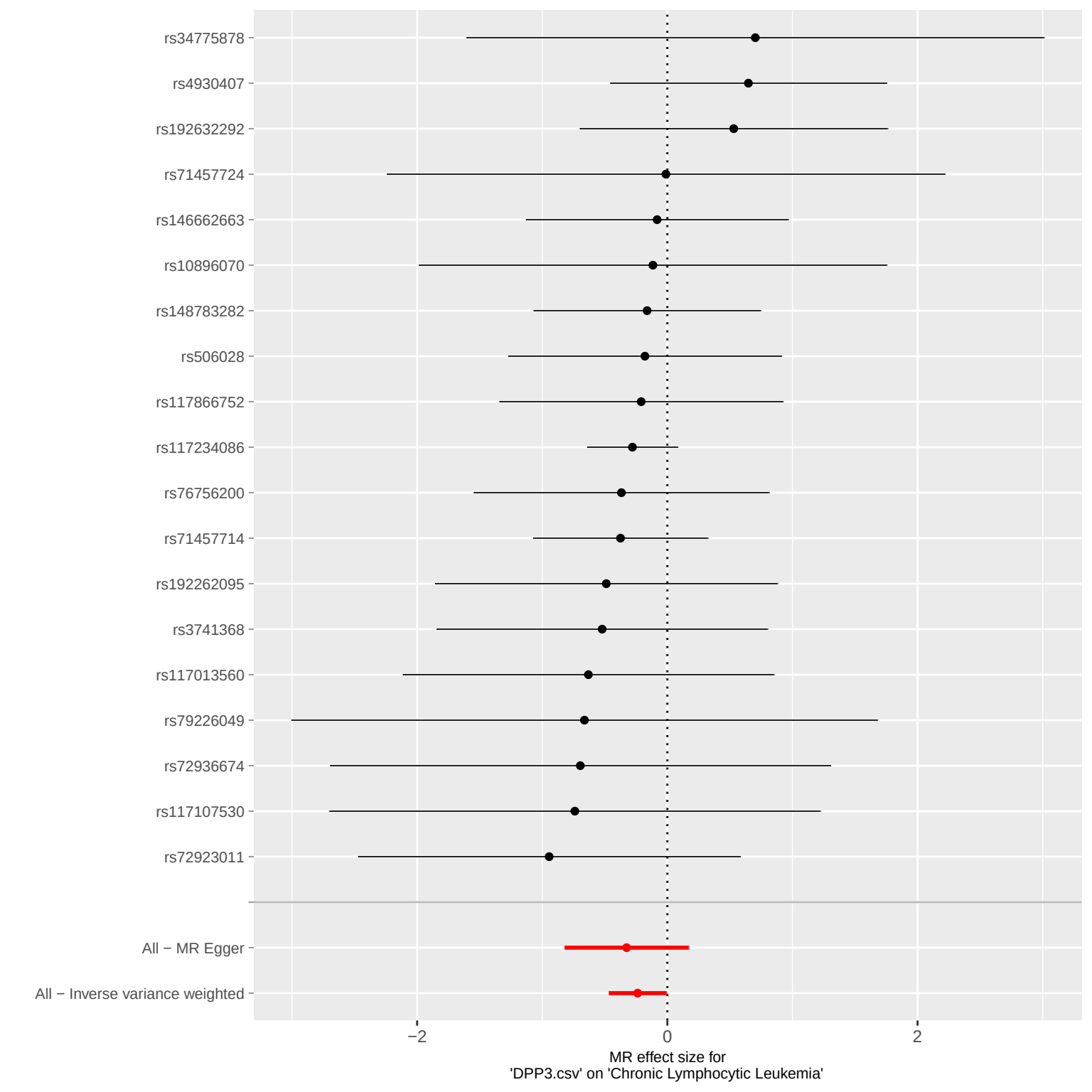
rs1144924
rs566908
rs1078457
rs56205242
rs500464
rs71541906
rs149948945
rs10791813
rs78287937
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'DPF2.csv' on 'Chronic Lymphocytic Leukemia'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rs71457714
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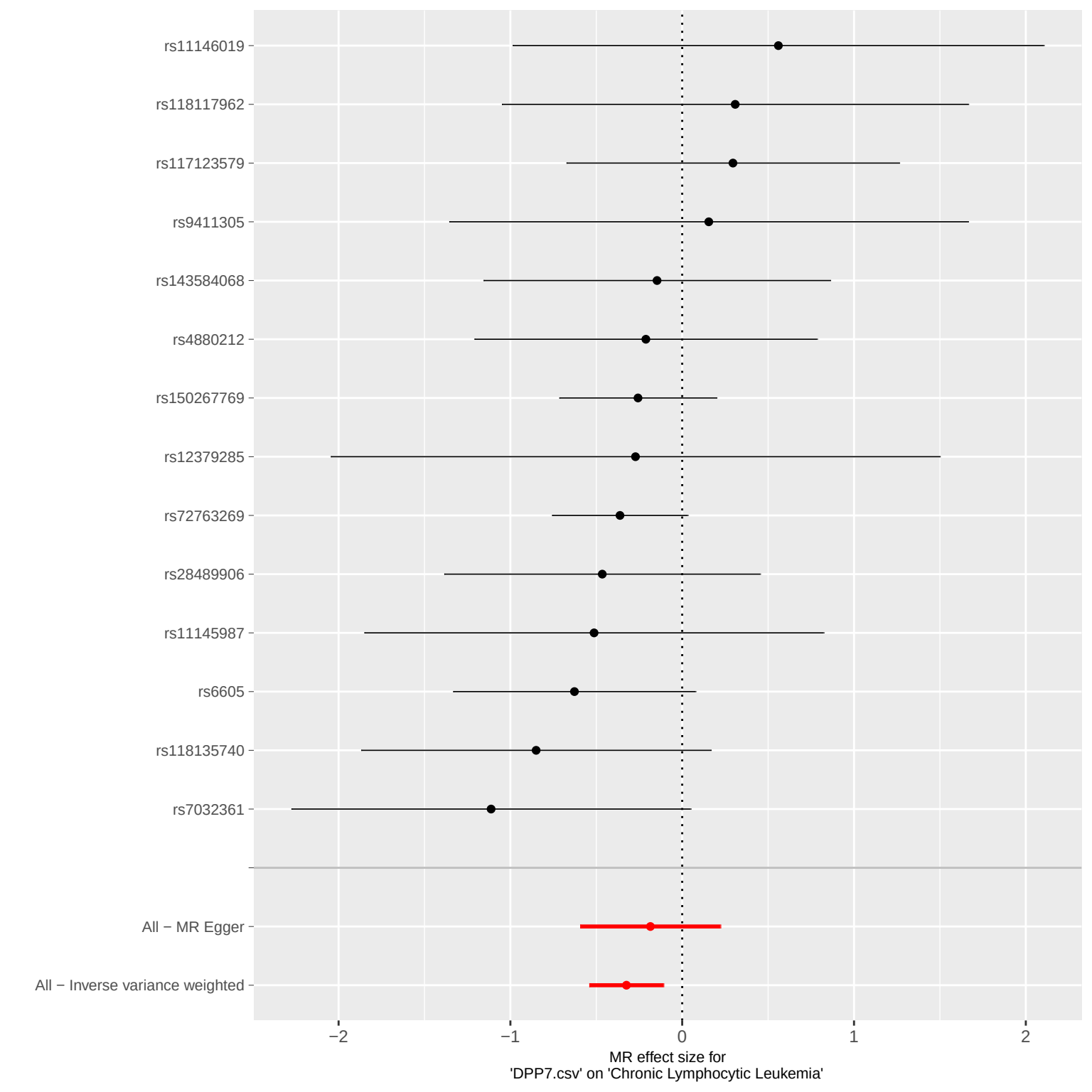
rs3741368
rs117013560
rs79226049
rs72936674
rs117107530
rs72923011
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'DPP3.csv' on 'Chronic Lymphocytic Leukemia'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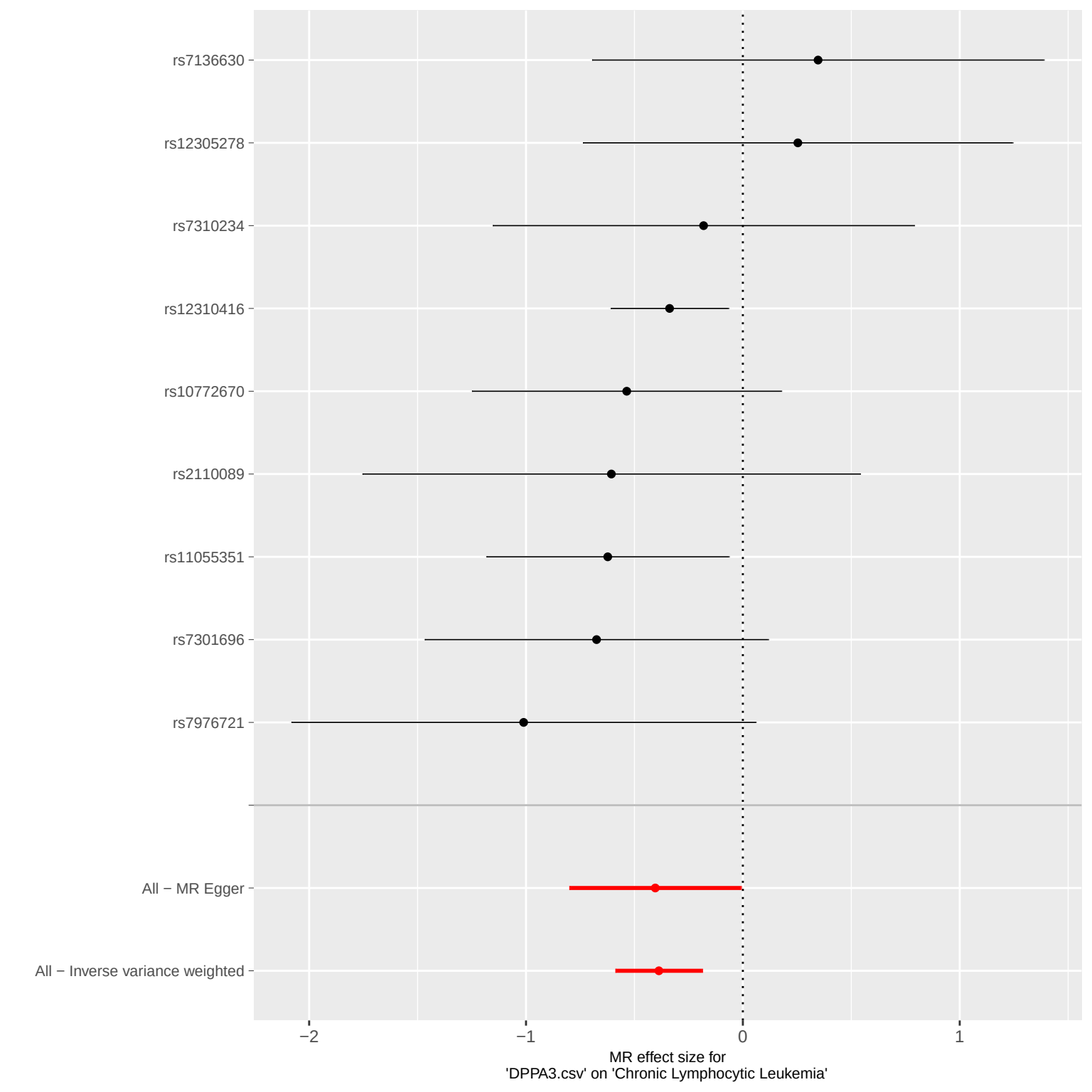
rs4880212
rs150267769
rs12379285
rs72763269
rs28489906
rs11145987
rs6605
rs118135740
rs7032361
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'DPP7.csv' on 'Chronic Lymphocytic Leukemia'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rs12305278
rs7310234
rs12310416
rs10772670
rs2110089
rs11055351
rs7301696
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All − MR Egger
All − Inverse variance weighted
−2
−1
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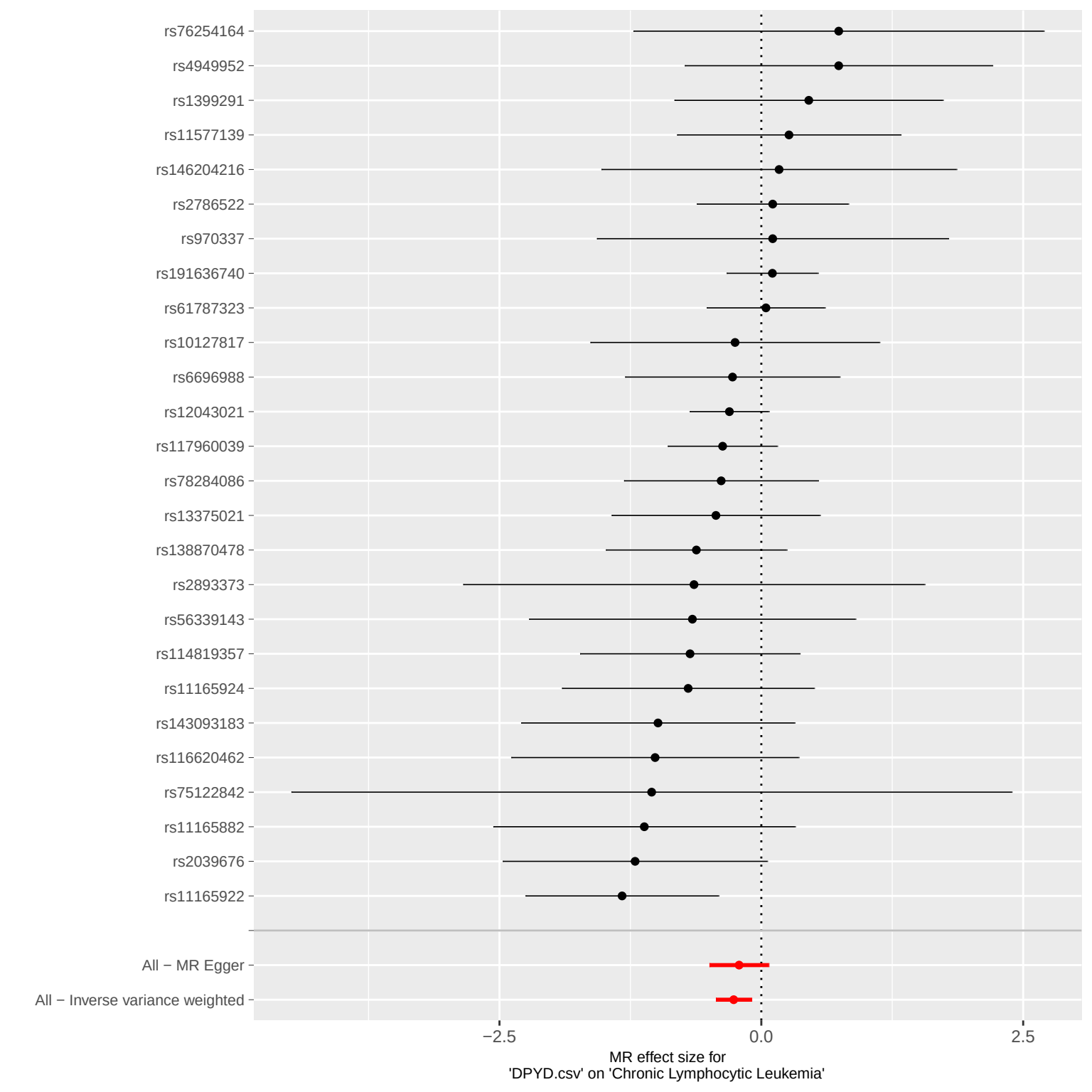
MR effect size for
'DPPA3.csv' on 'Chronic Lymphocytic Leukemia'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rs12043021
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rs56339143
rs114819357
rs11165924
rs143093183
rs116620462
rs75122842
rs11165882
rs2039676
rs11165922
All − MR Egger
All − Inverse variance weighted
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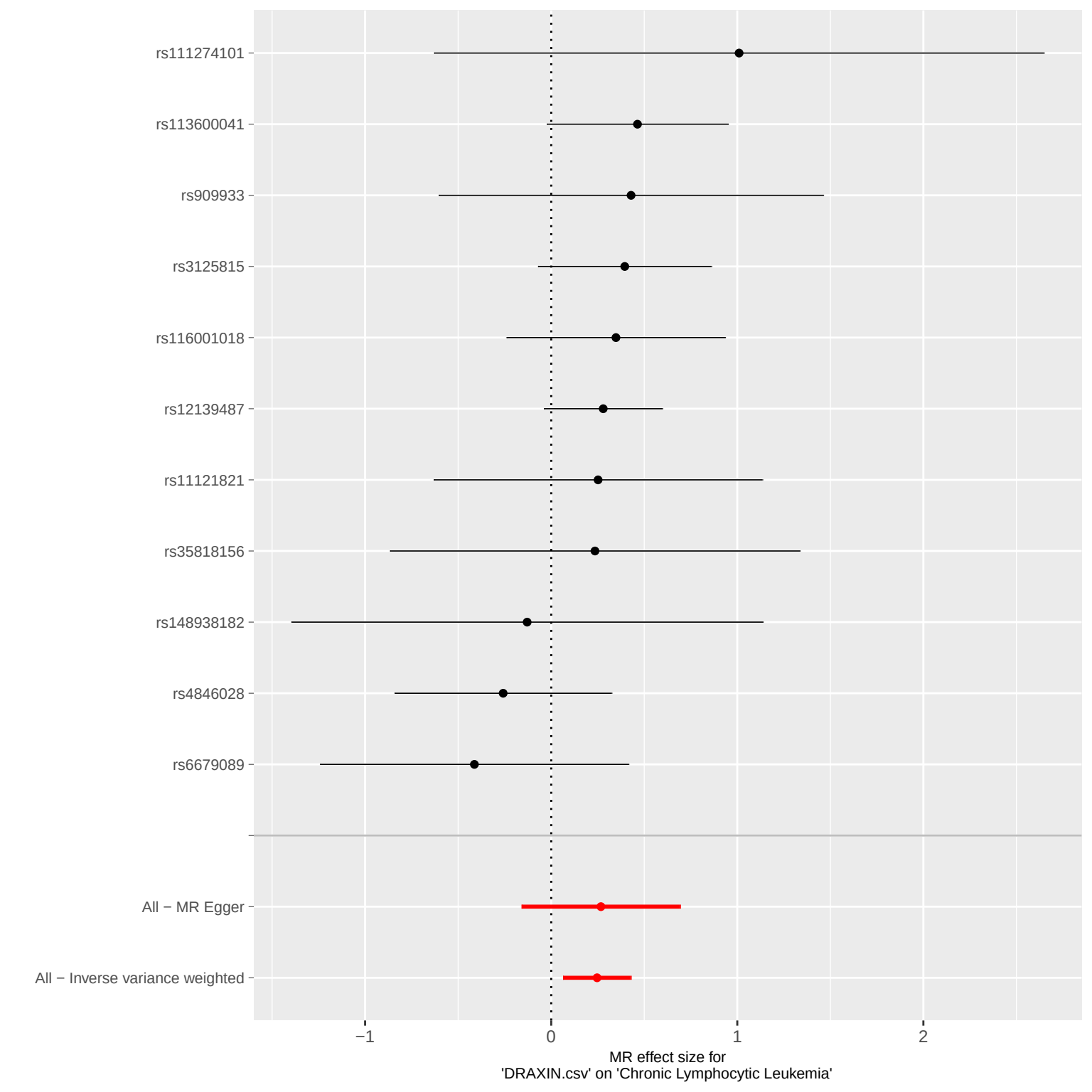
2.5
MR effect size for
'DPYD.csv' on 'Chronic Lymphocytic Leukemia'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rs116001018
rs12139487
rs11121821
rs35818156
rs148938182
rs4846028
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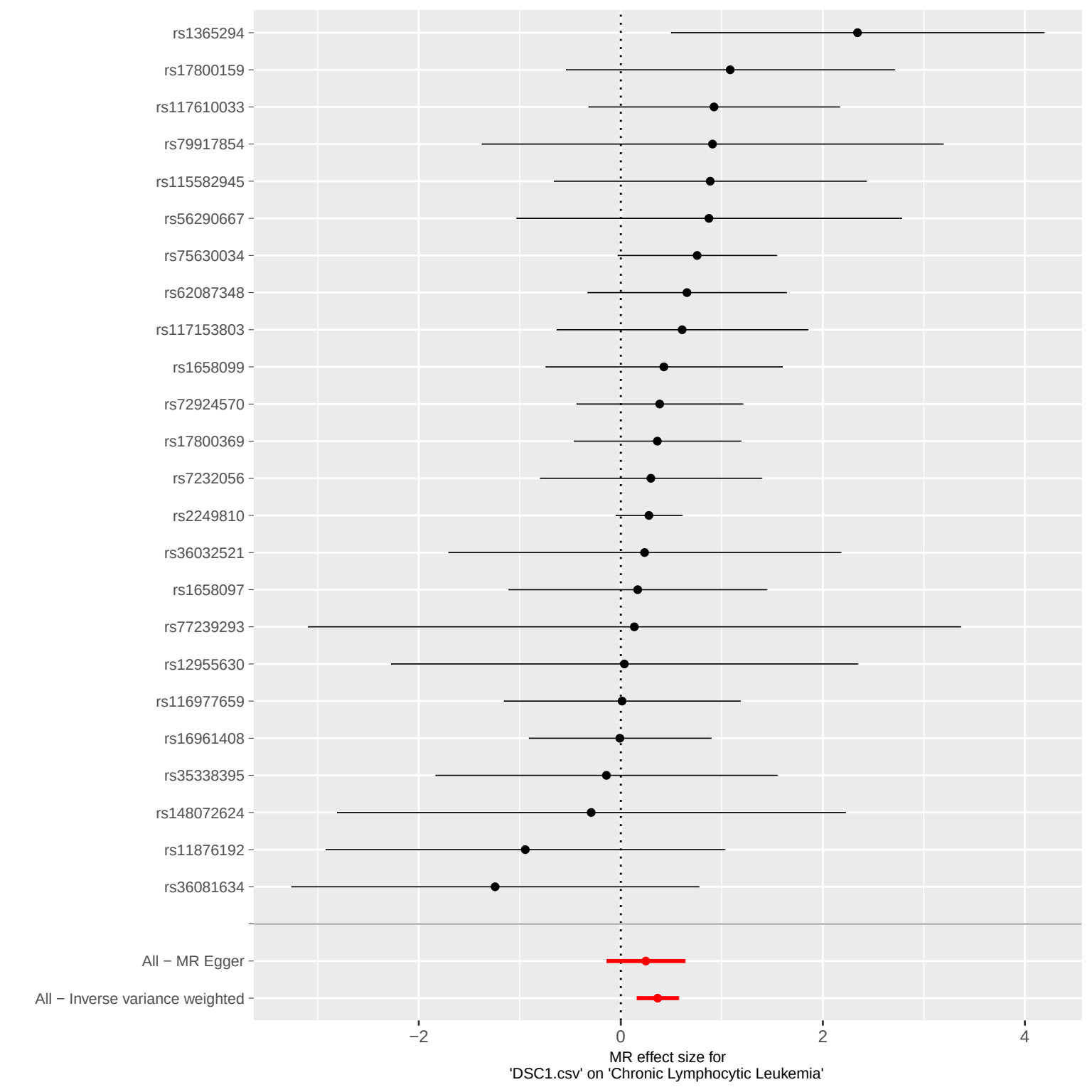
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'DRAXIN.csv' on 'Chronic Lymphocytic Leukemia'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rs7232056
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rs116977659
rs16961408
rs35338395
rs148072624
rs11876192
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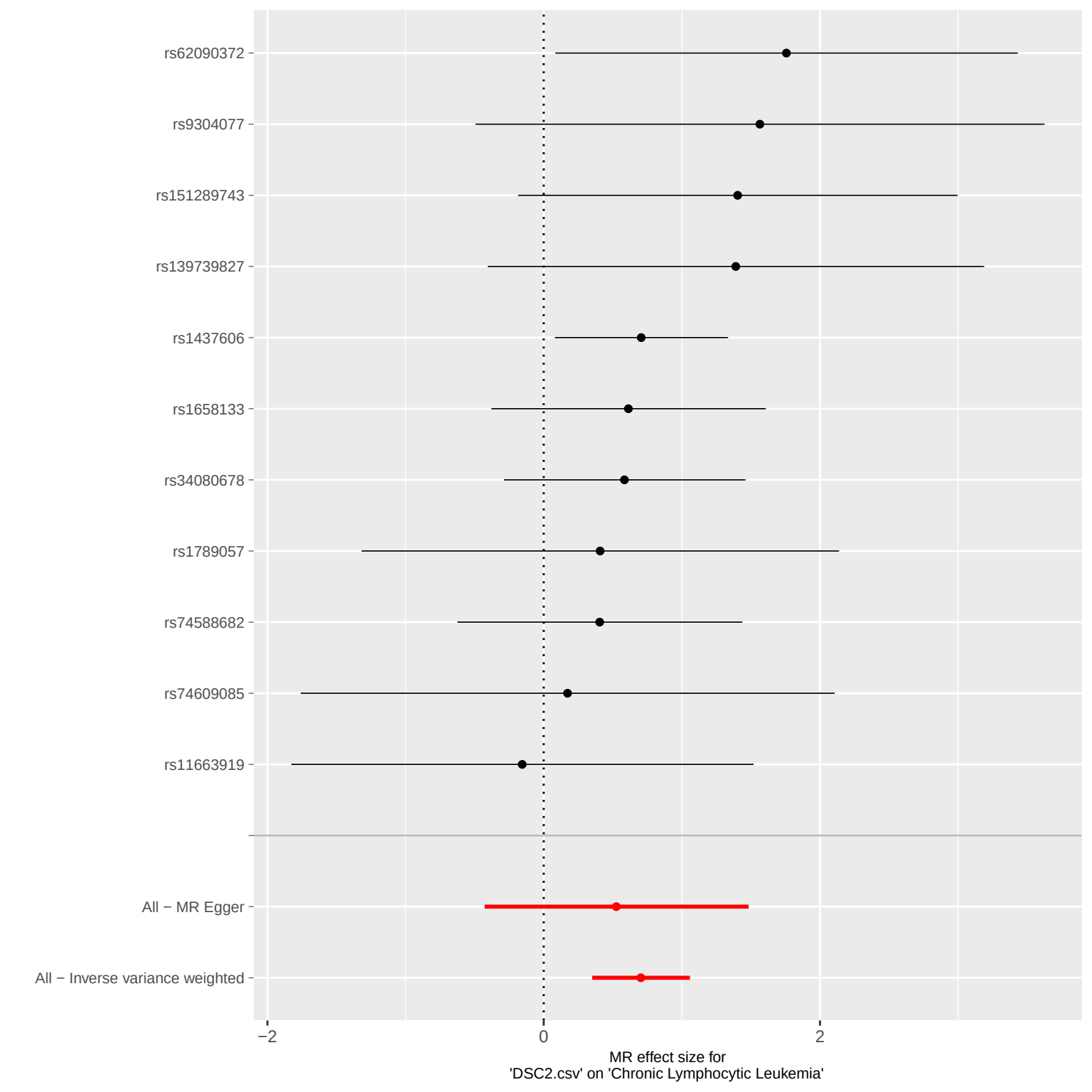
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'DSC1.csv' on 'Chronic Lymphocytic Leukemia'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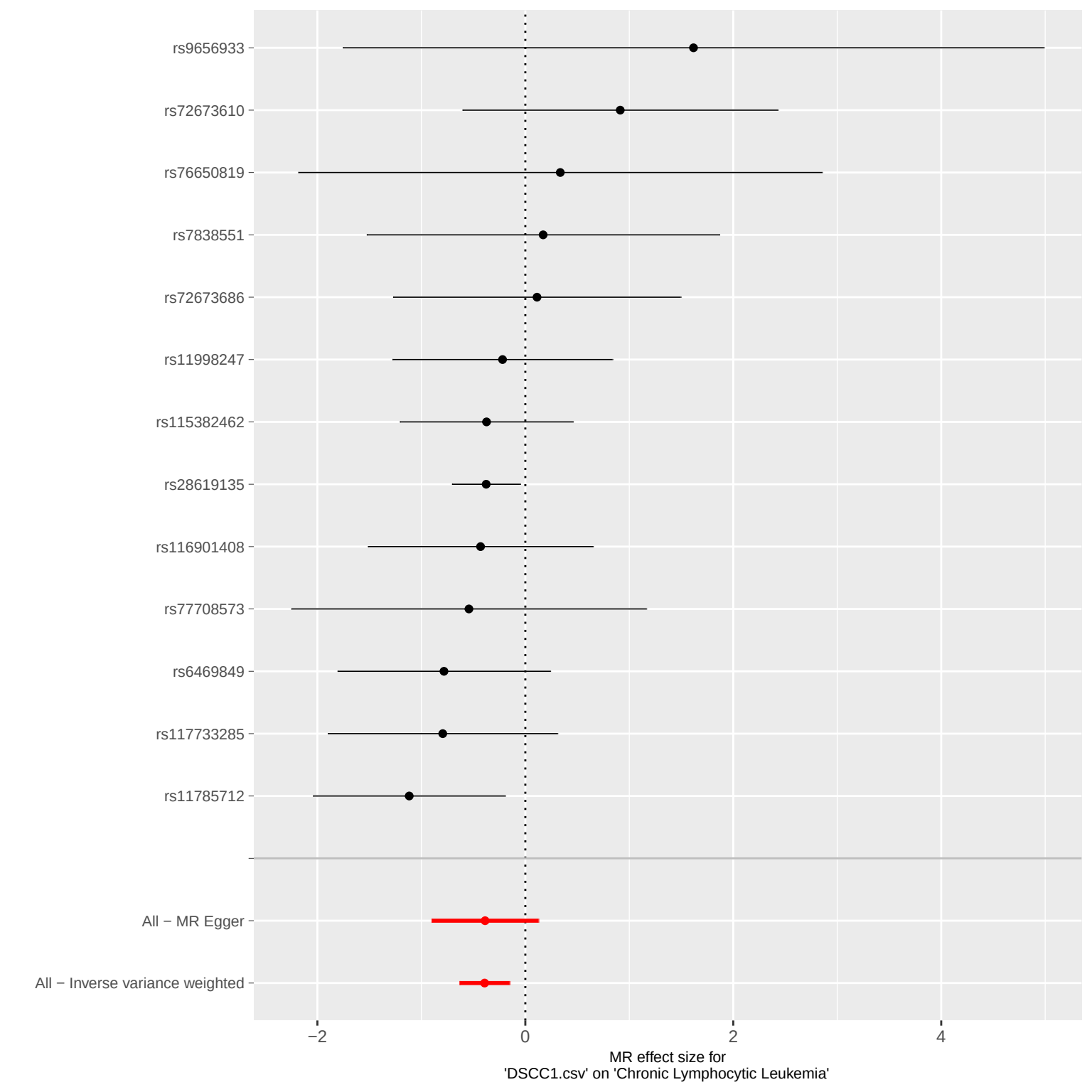
rs1658133
rs34080678
rs1789057
rs74588682
rs74609085
rs11663919
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'DSC2.csv' on 'Chronic Lymphocytic Leukemia'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rs72673686
rs11998247
rs115382462
rs28619135
rs116901408
rs77708573
rs6469849
rs117733285
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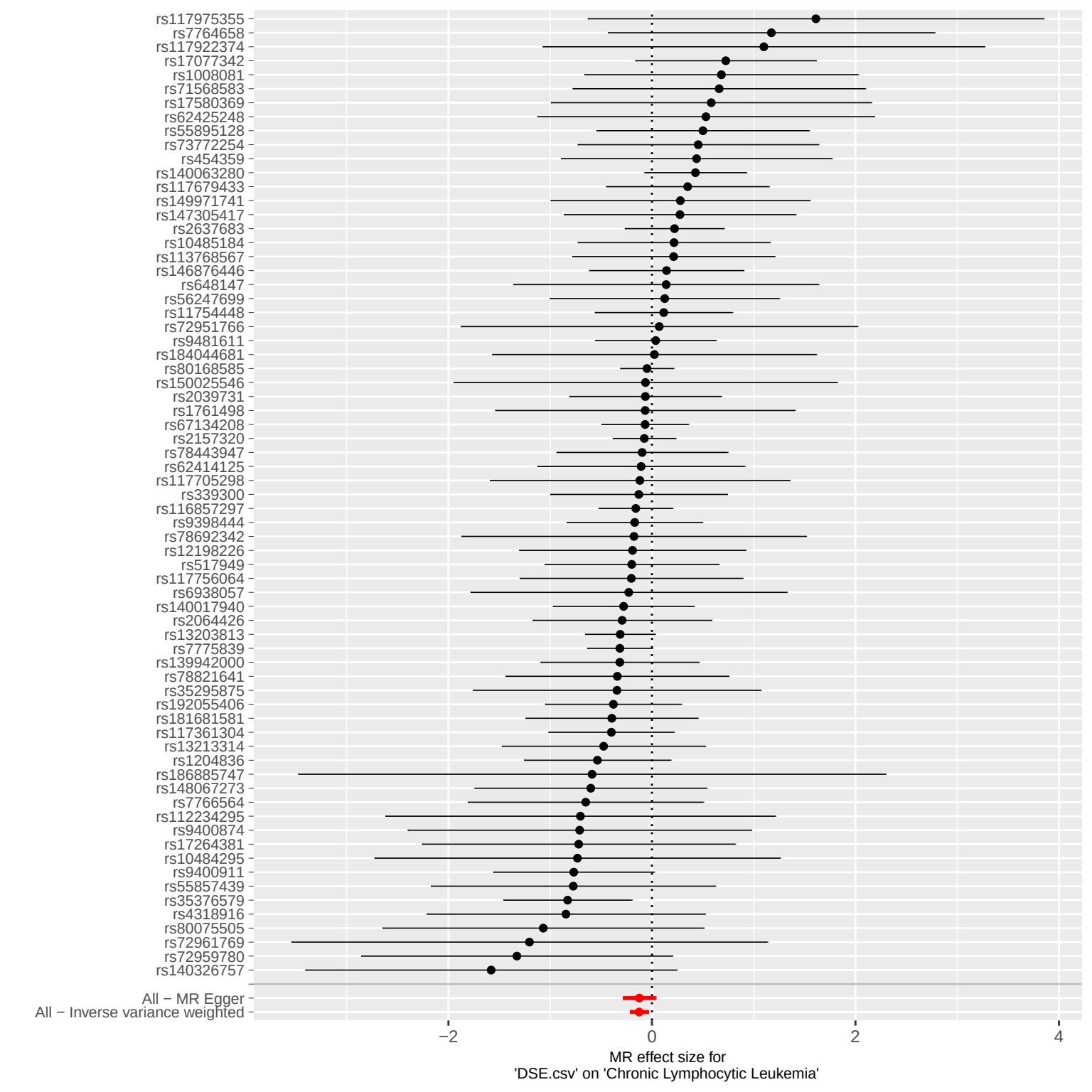
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'DSCC1.csv' on 'Chronic Lymphocytic Leukemia'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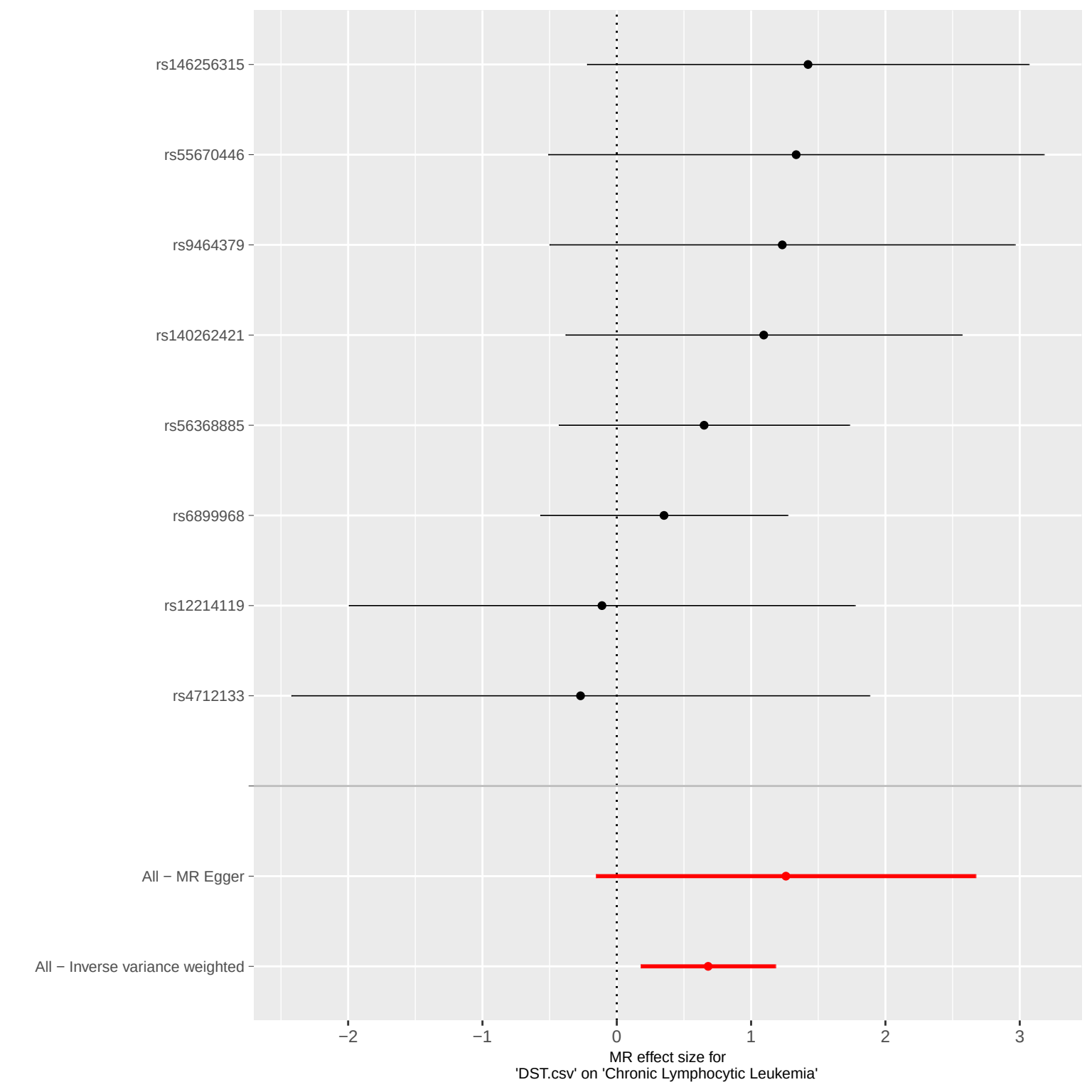
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'DSE.csv' on 'Chronic Lymphocytic Leukemia'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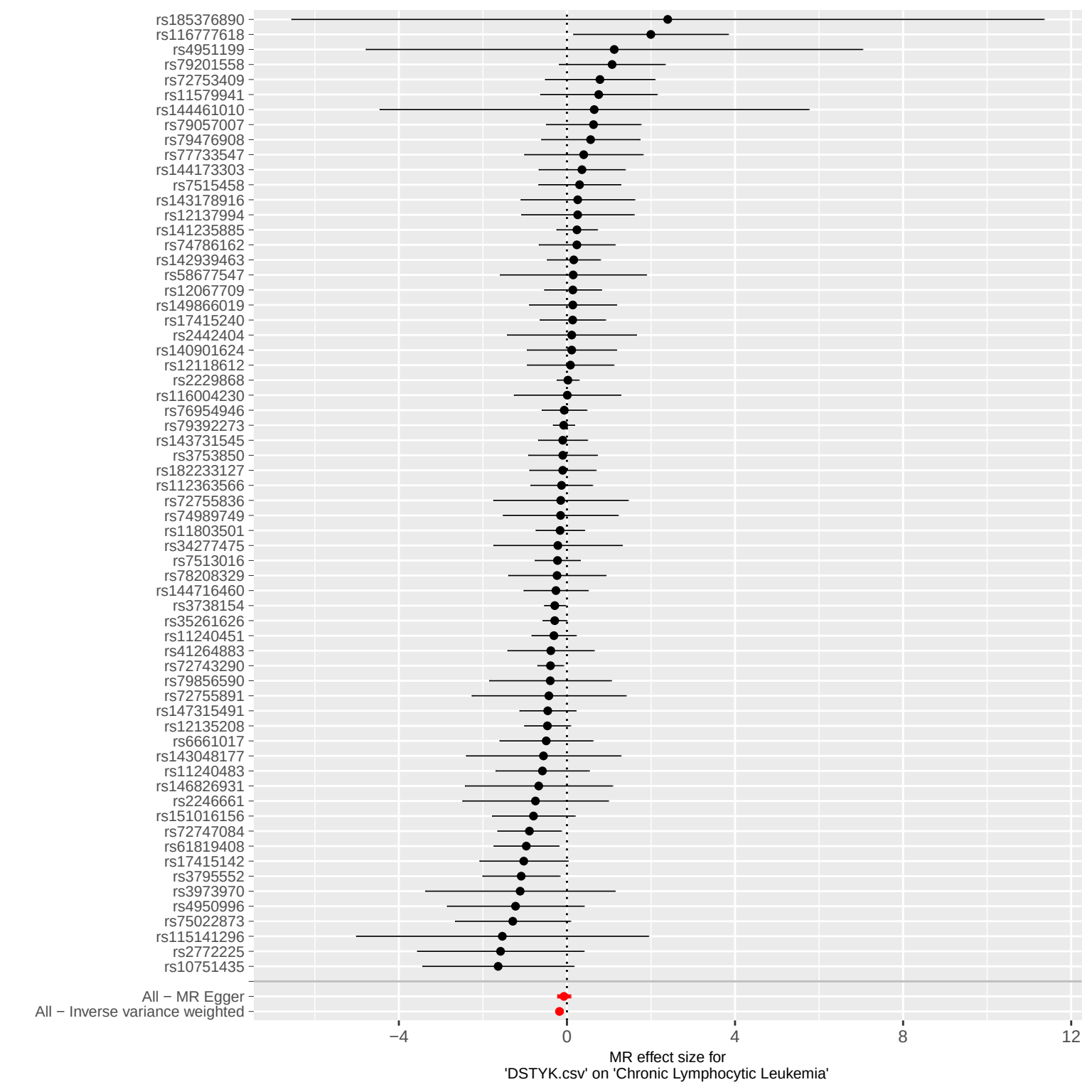
rs12214119
rs4712133
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'DST.csv' on 'Chronic Lymphocytic Leukemia'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rs3973970
rs4950996
rs75022873
rs115141296
rs2772225
rs10751435
All − MR Egger
All − Inverse variance weighted
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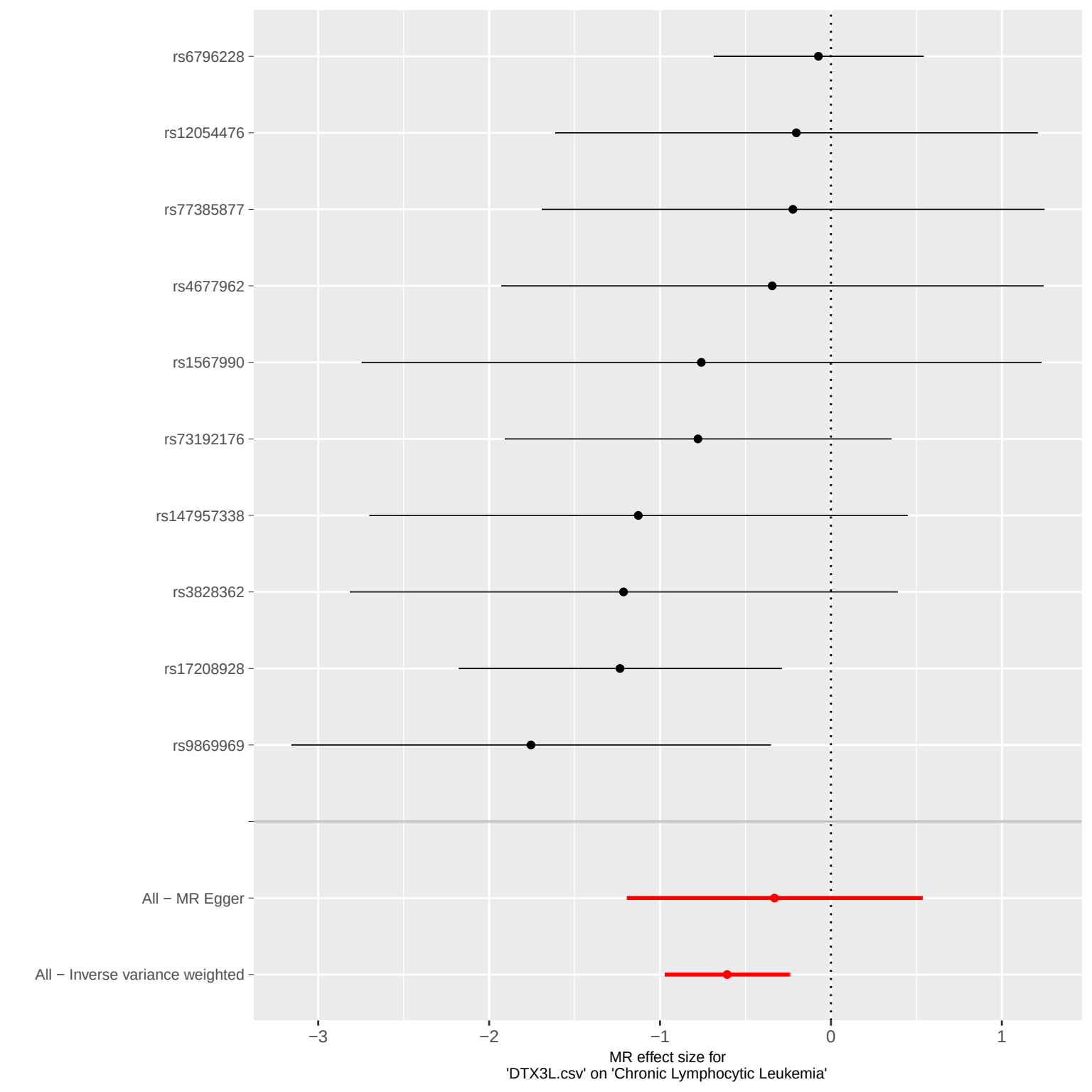
4
8
12
MR effect size for
'DSTYK.csv' on 'Chronic Lymphocytic Leukemia'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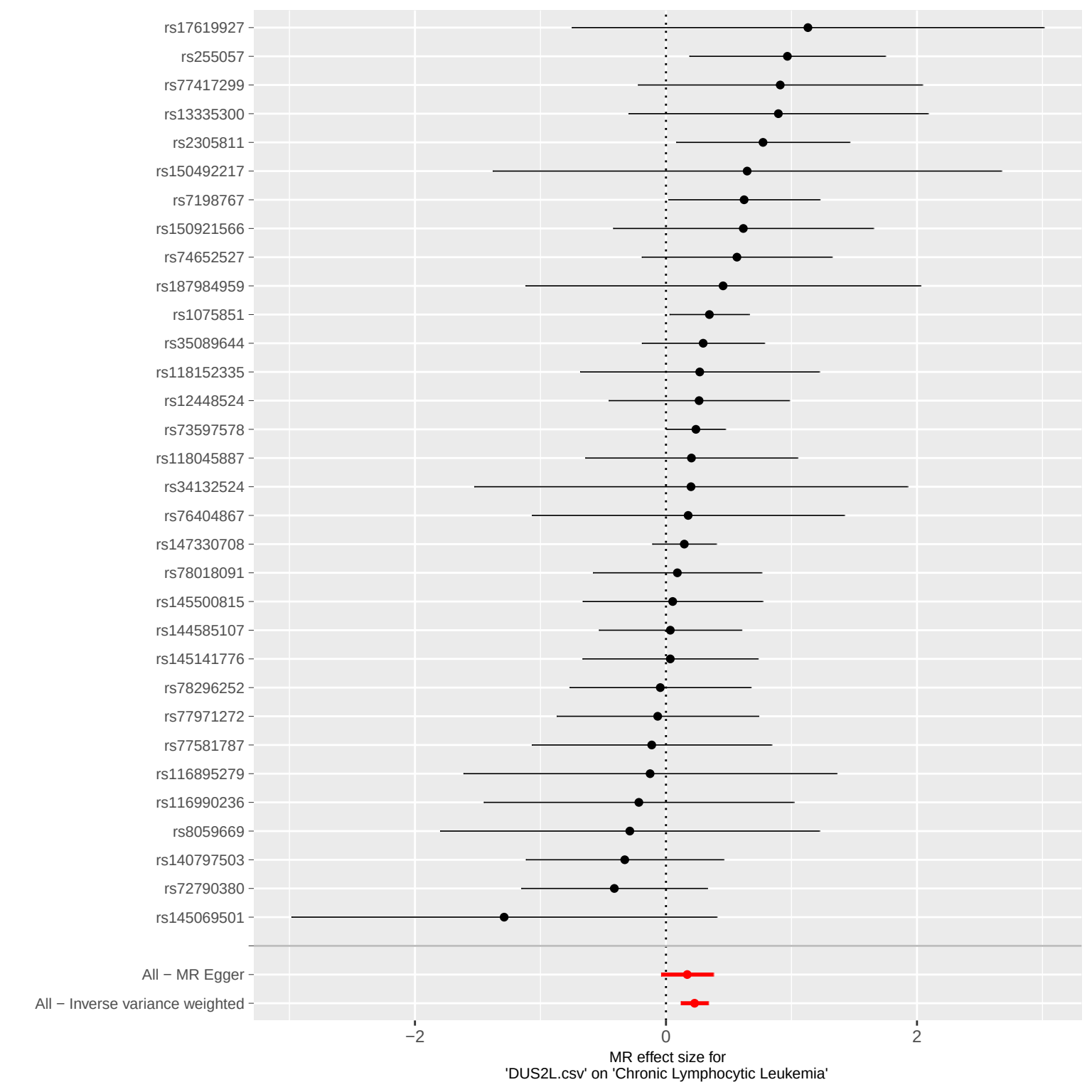
rs77385877
rs4677962
rs1567990
rs73192176
rs147957338
rs3828362
rs17208928
rs9869969
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'DTX3L.csv' on 'Chronic Lymphocytic Leukemia'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rs1075851
rs35089644
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rs12448524
rs73597578
rs118045887
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rs76404867
rs147330708
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rs144585107
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rs78296252
rs77971272
rs77581787
rs116895279
rs116990236
rs8059669
rs140797503
rs72790380
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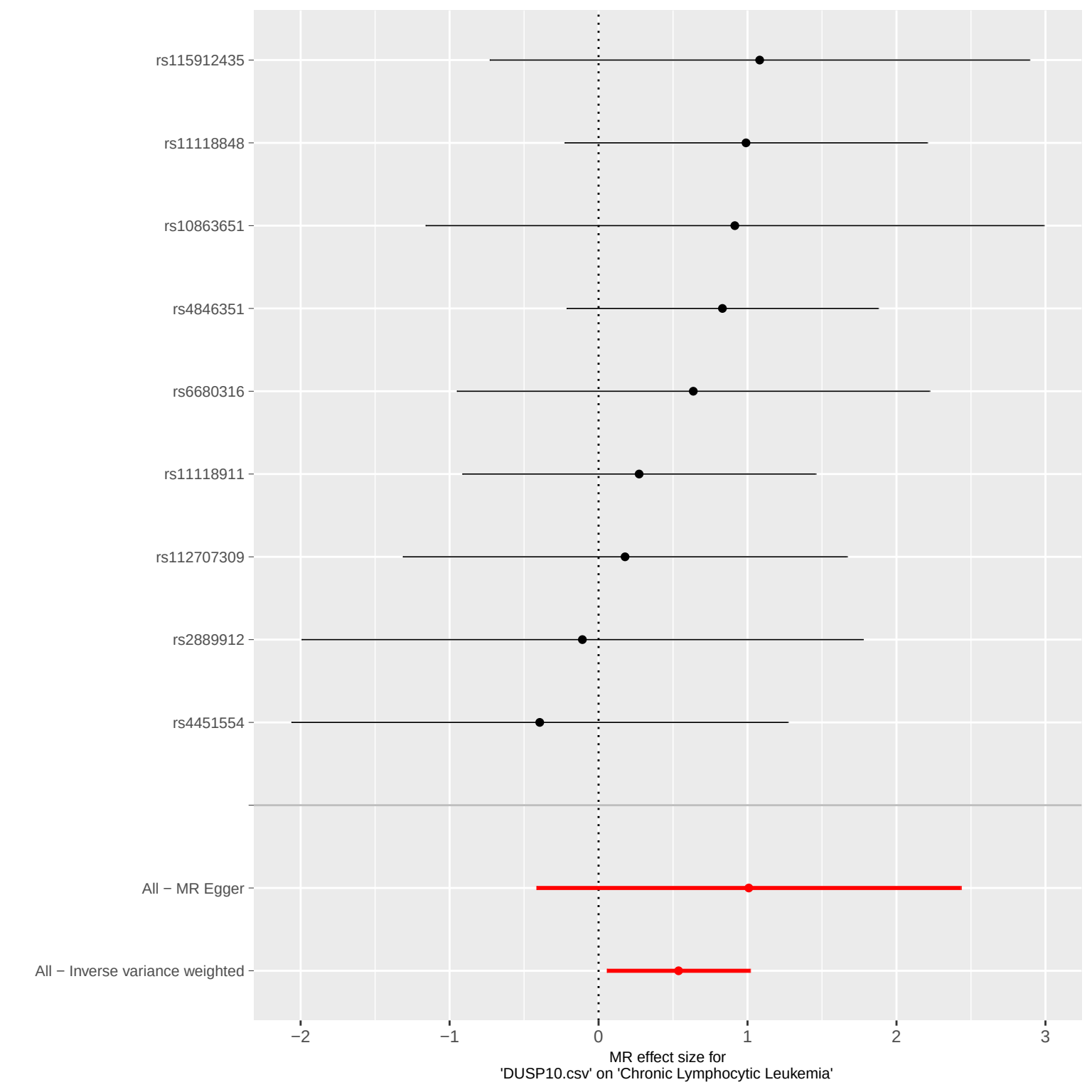
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'DUS2L.csv' on 'Chronic Lymphocytic Leukemia'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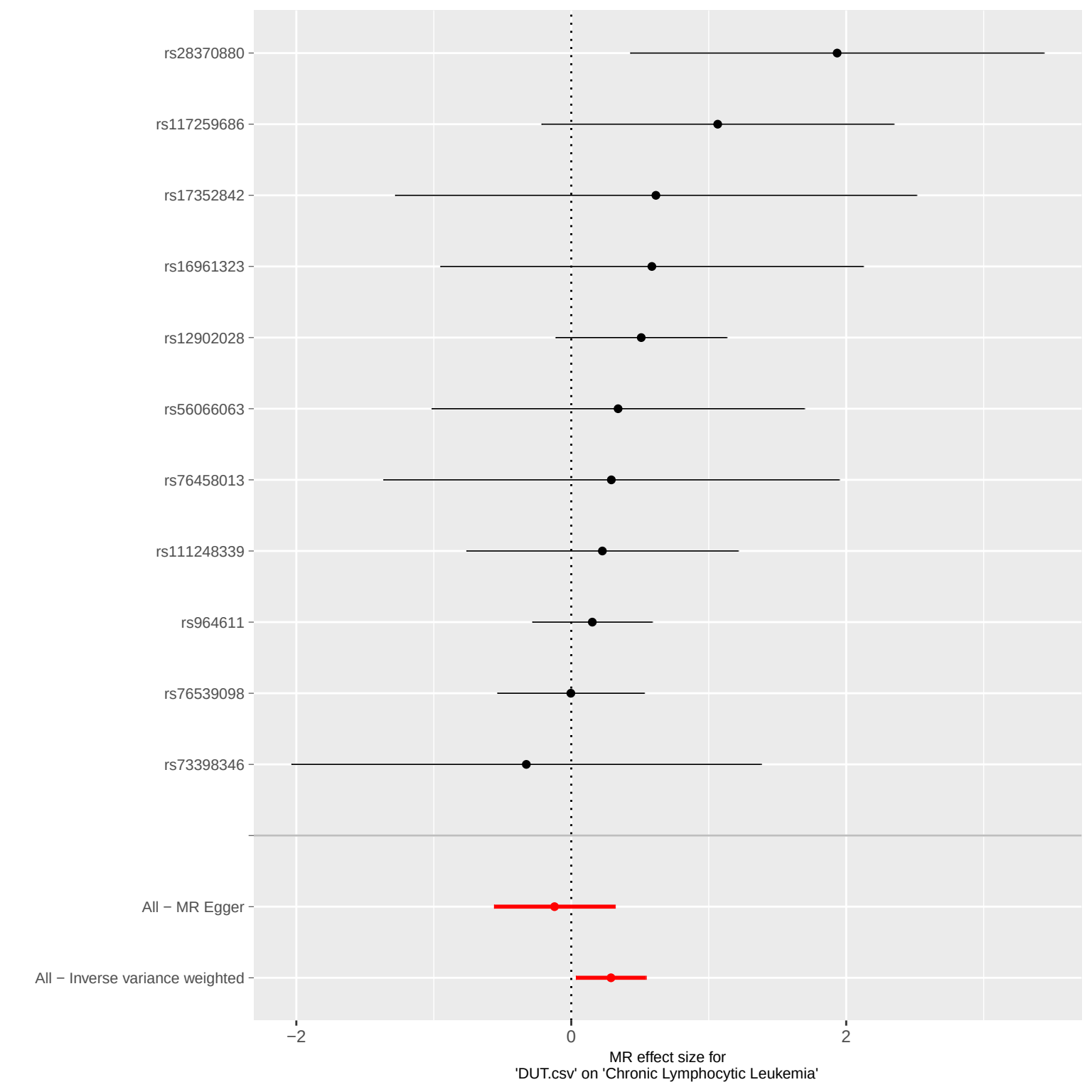
rs11118848
rs10863651
rs4846351
rs6680316
rs11118911
rs112707309
rs2889912
rs4451554
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'DUSP10.csv' on 'Chronic Lymphocytic Leukemia'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rs56066063
rs76458013
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rs964611
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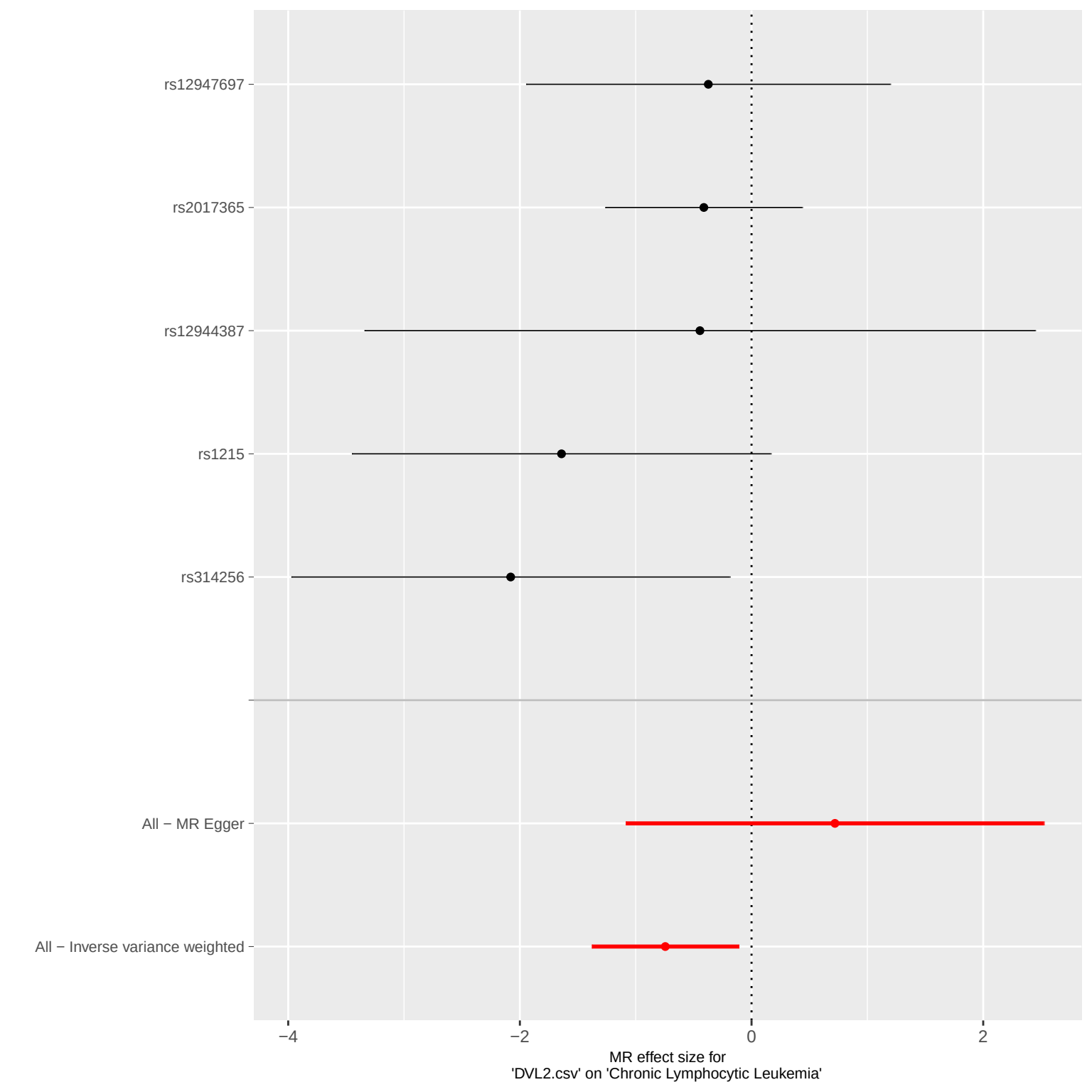
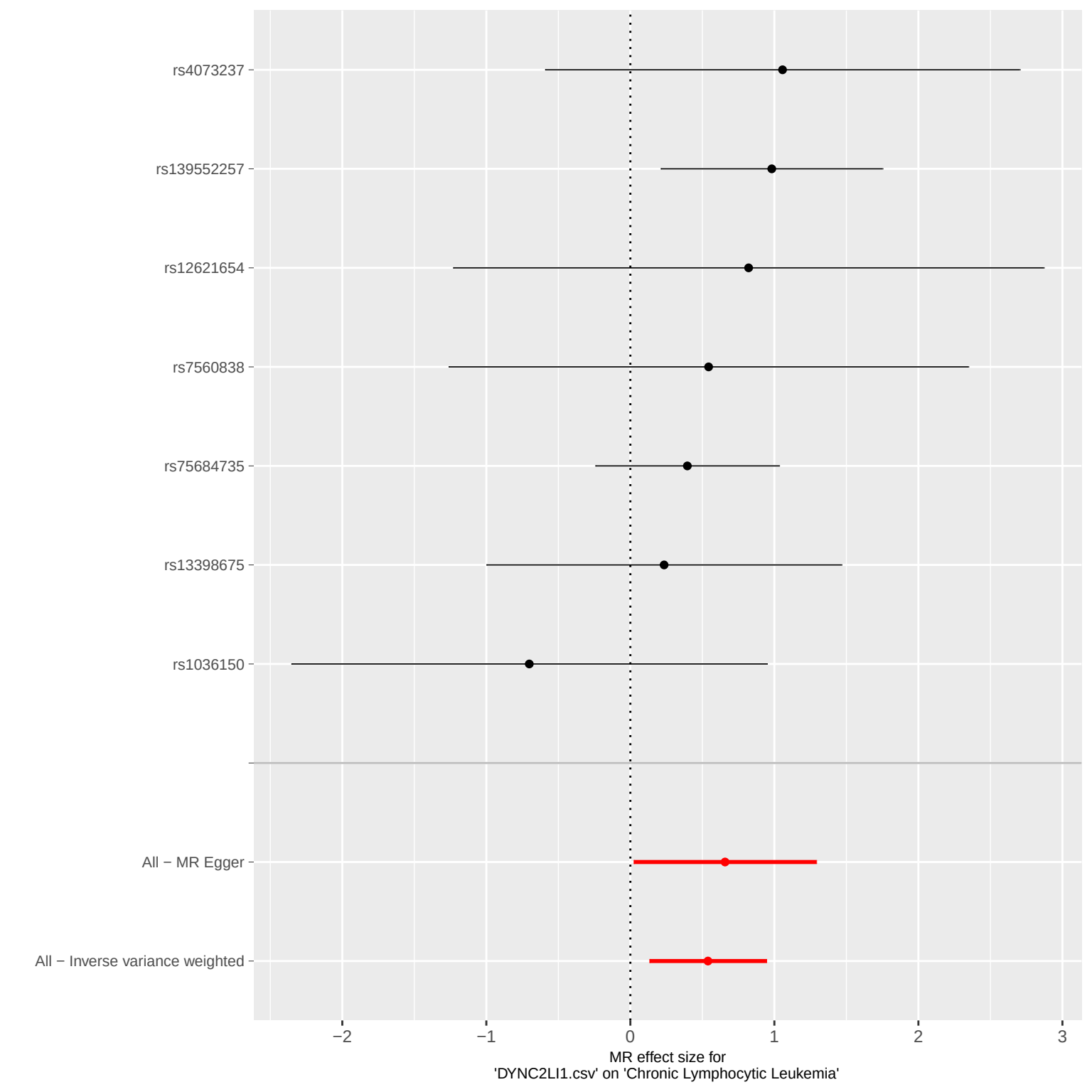
rs73398346
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'DUT.csv' on 'Chronic Lymphocytic Leukemia'


rs12947697
rs2017365
rs12944387
rs1215
rs314256
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'DVL2.csv' on 'Chronic Lymphocytic Leukemia'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rs139552257
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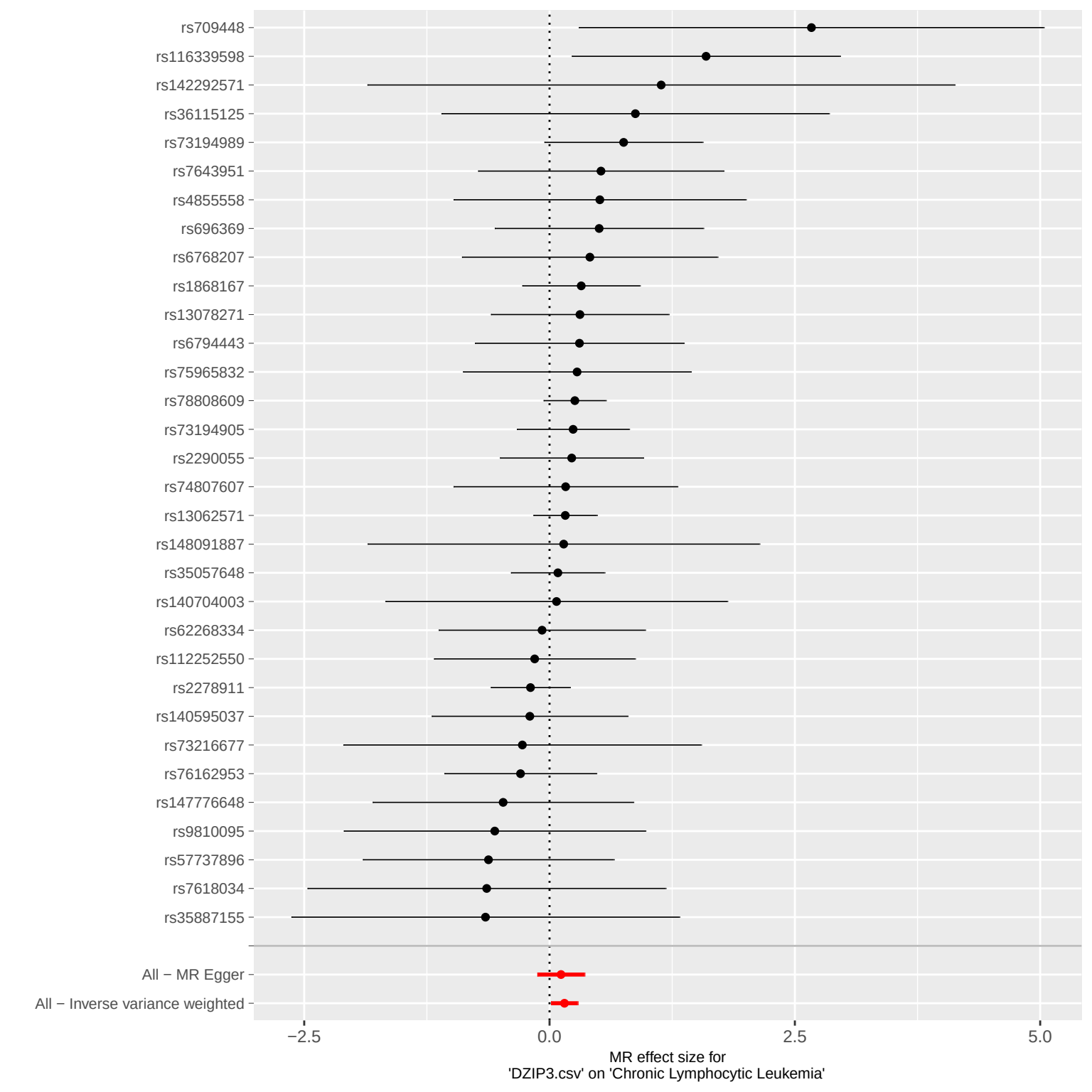
rs75684735
rs13398675
rs1036150
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'DYNC2LI1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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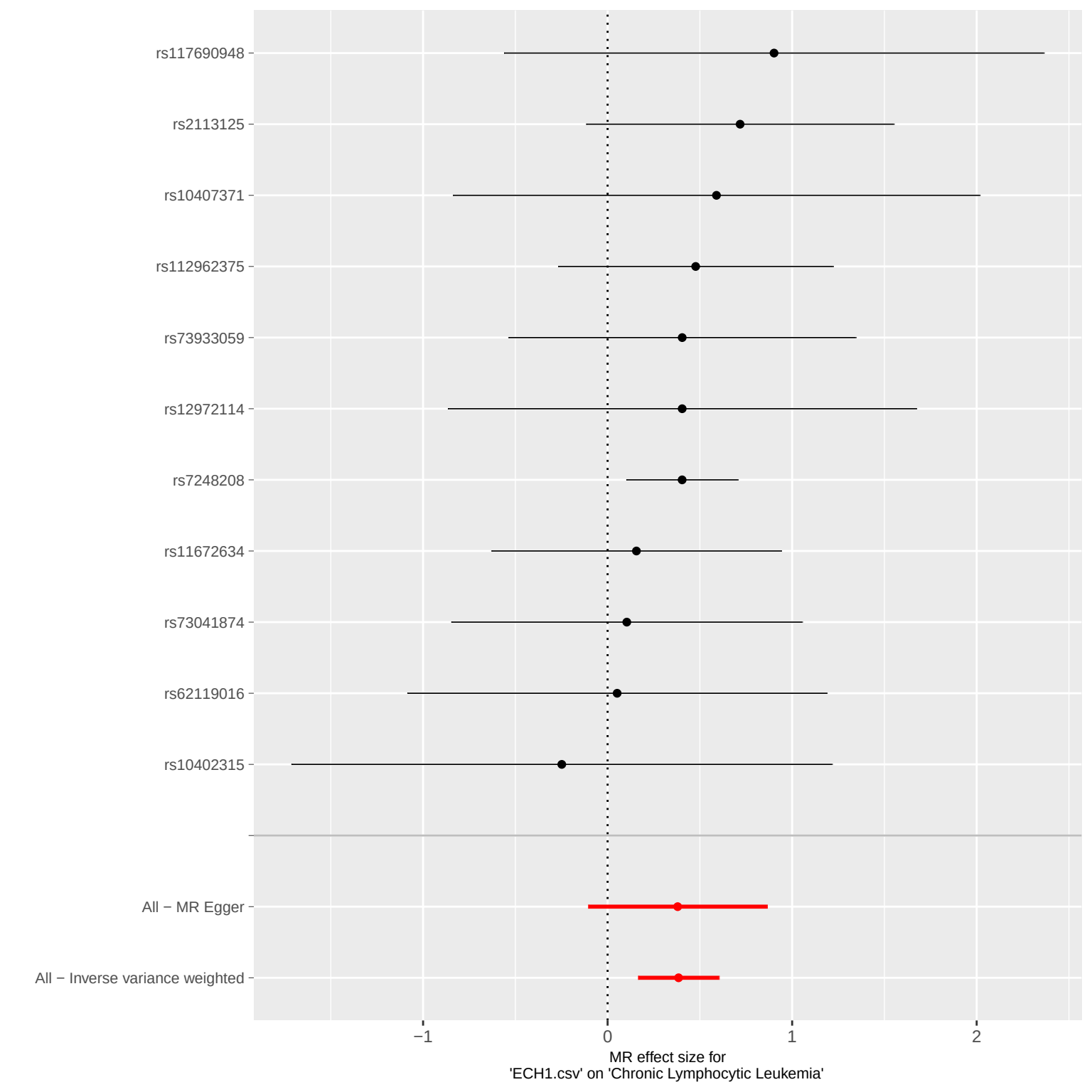
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All − Inverse variance weighted
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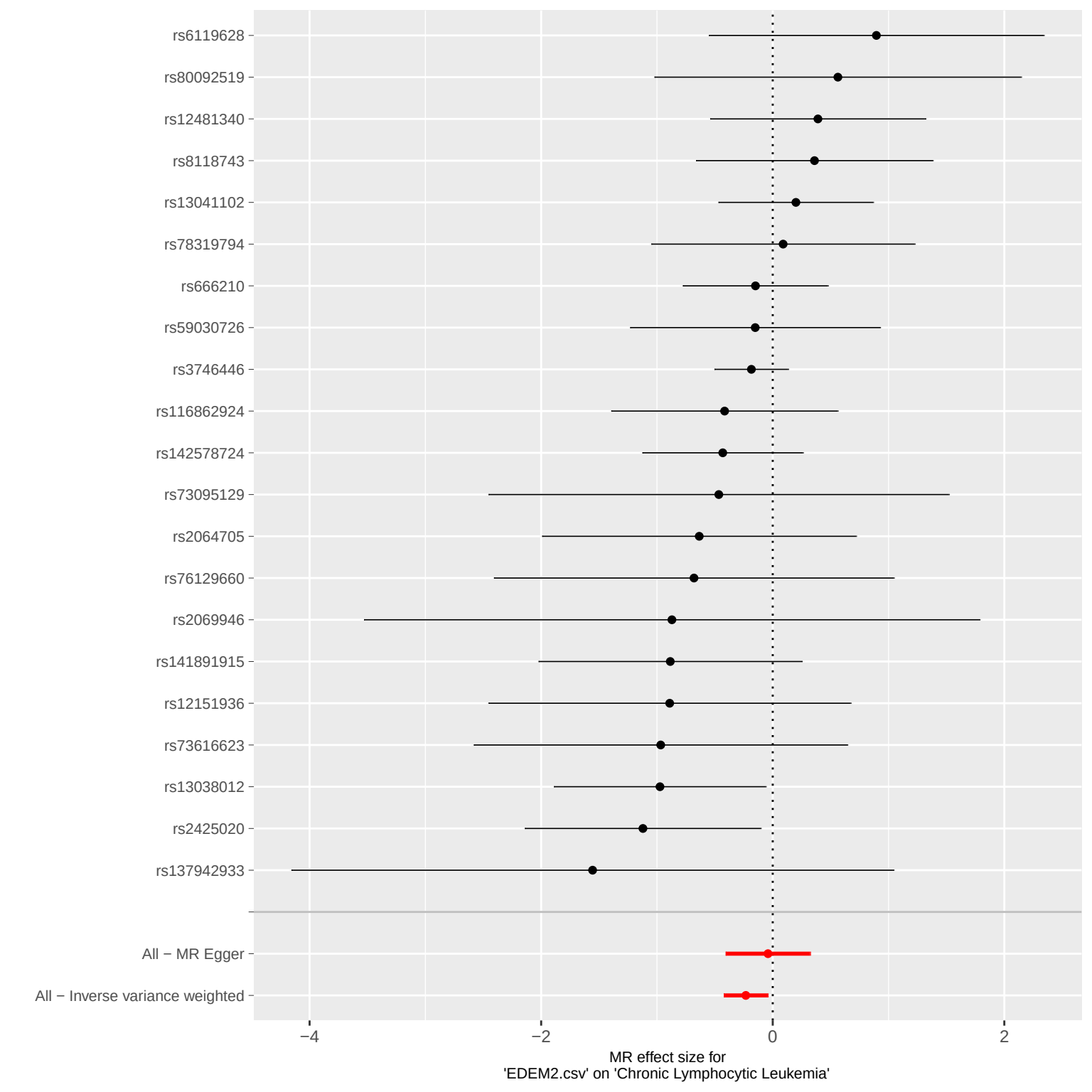
MR effect size for
'ECH1.csv' on 'Chronic Lymphocytic Leukemia'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rs73616623
rs13038012
rs2425020
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All − Inverse variance weighted
−4
−2
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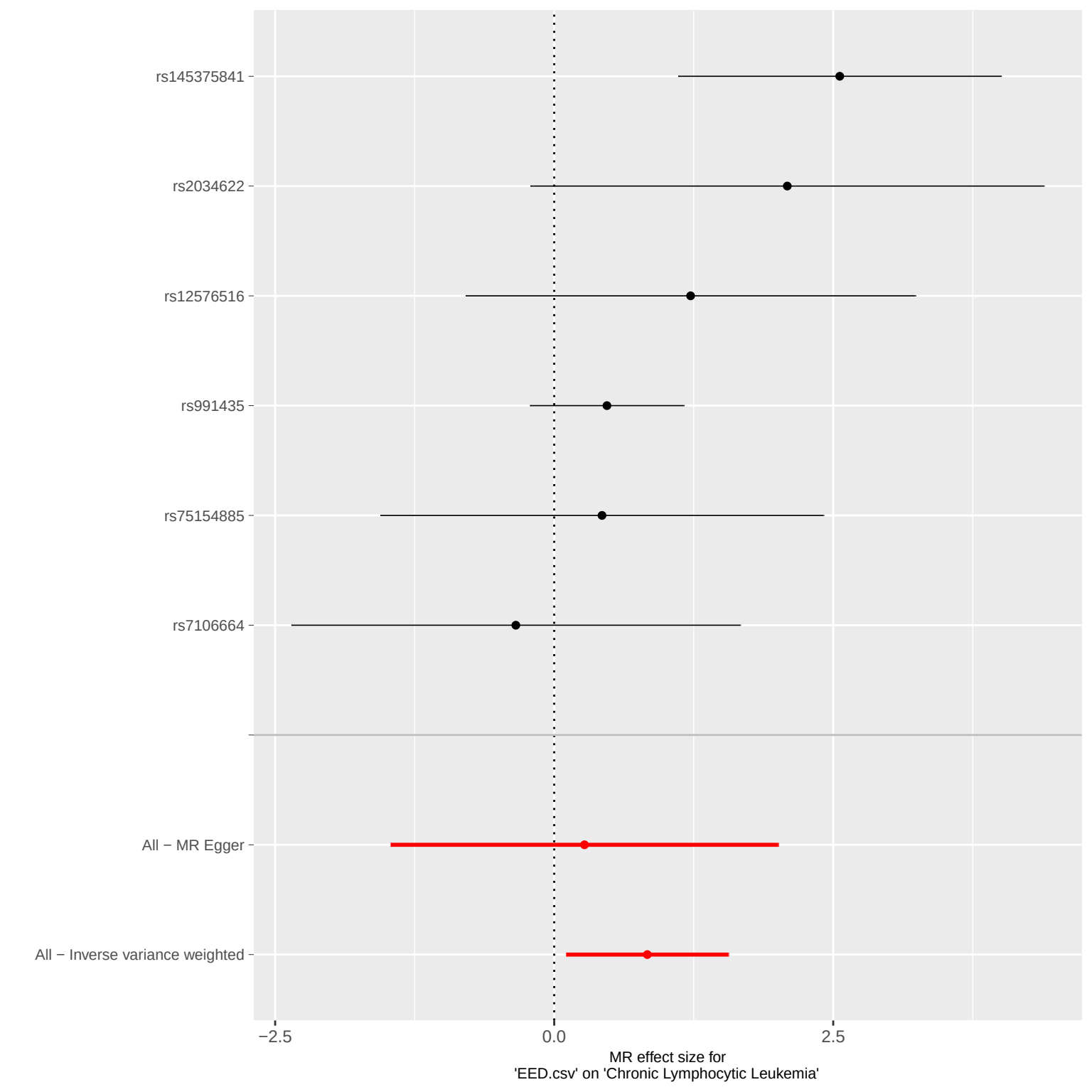
MR effect size for
'EDEM2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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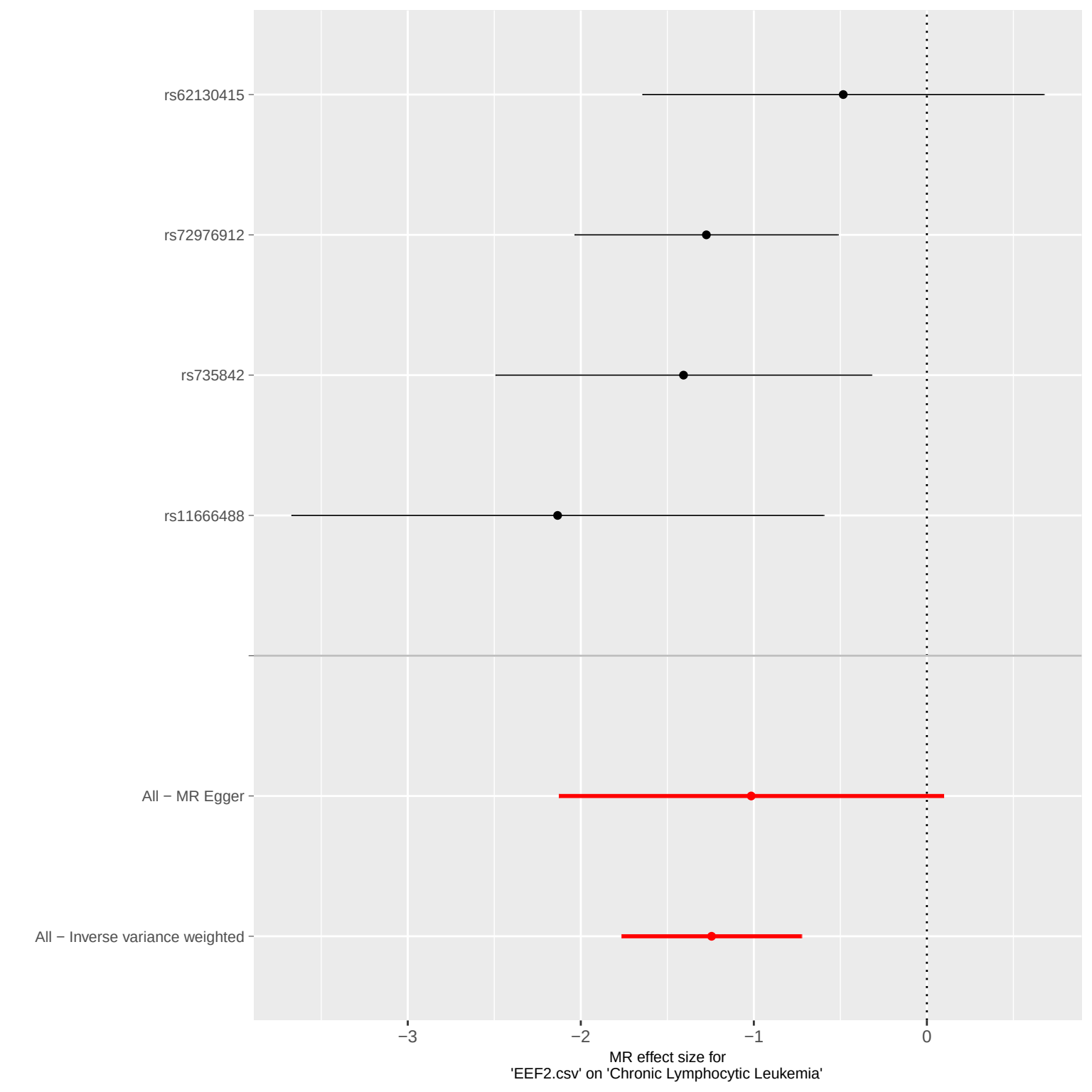
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All − Inverse variance weighted
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−2
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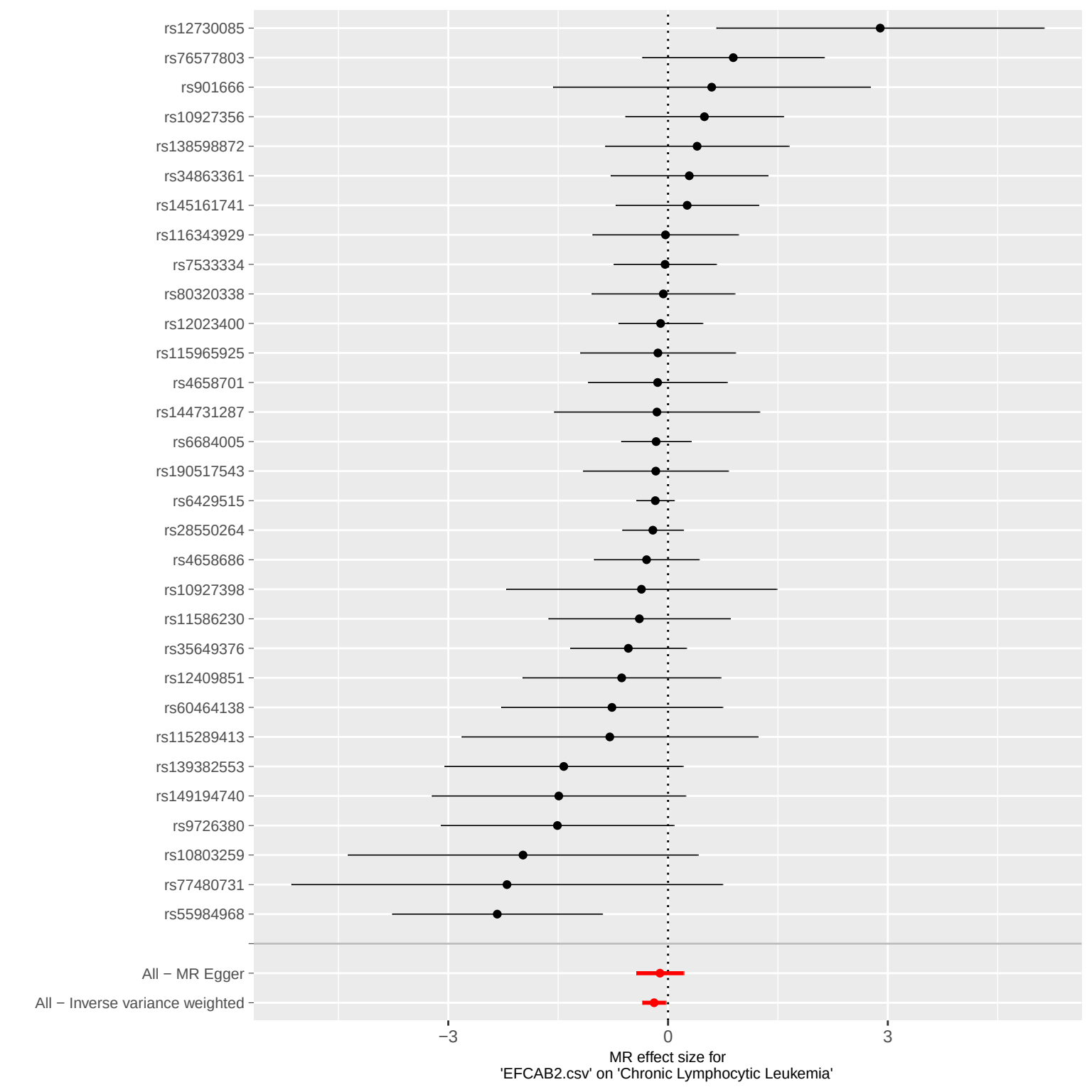
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All − MR Egger
All − Inverse variance weighted
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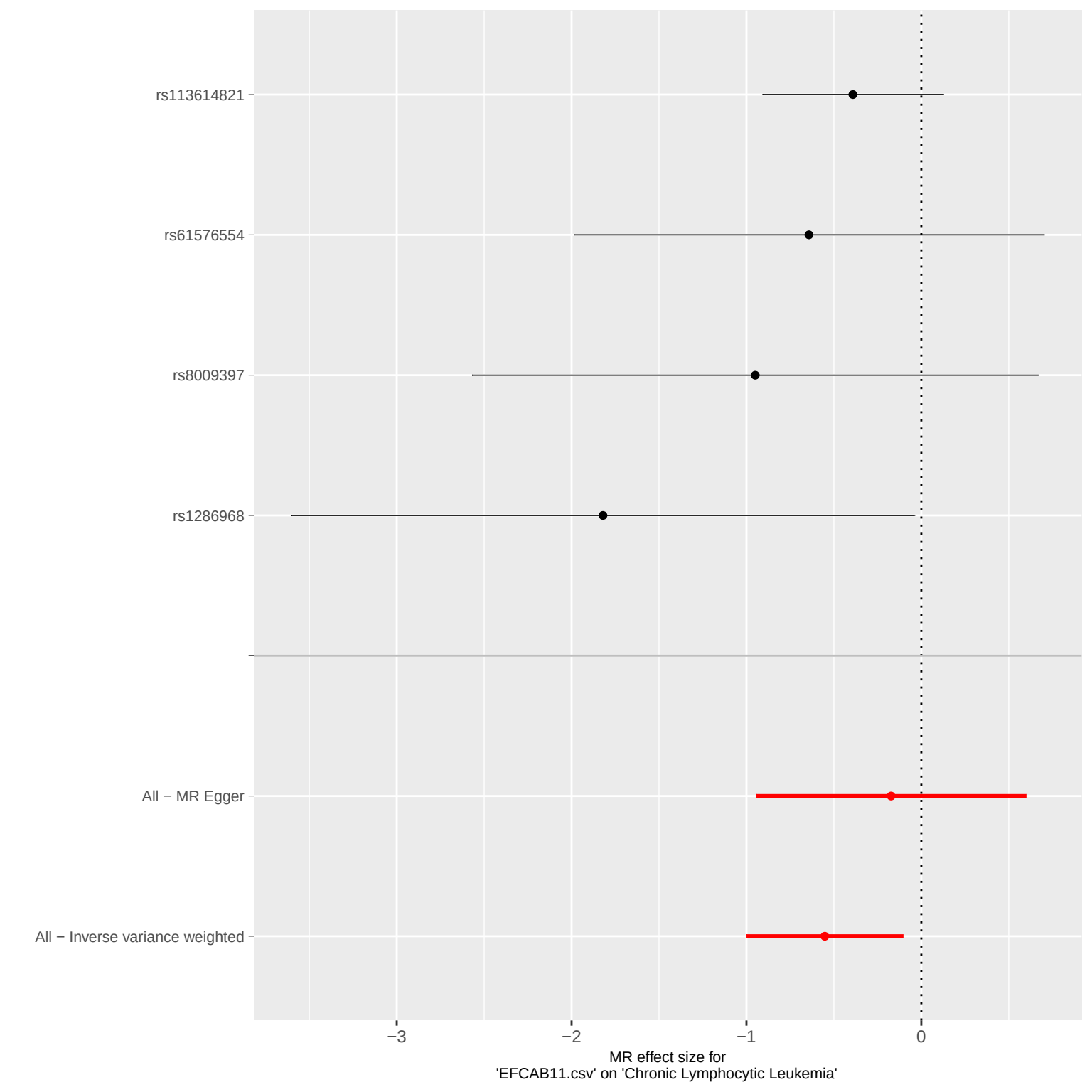
MR effect size for
'EFCAB2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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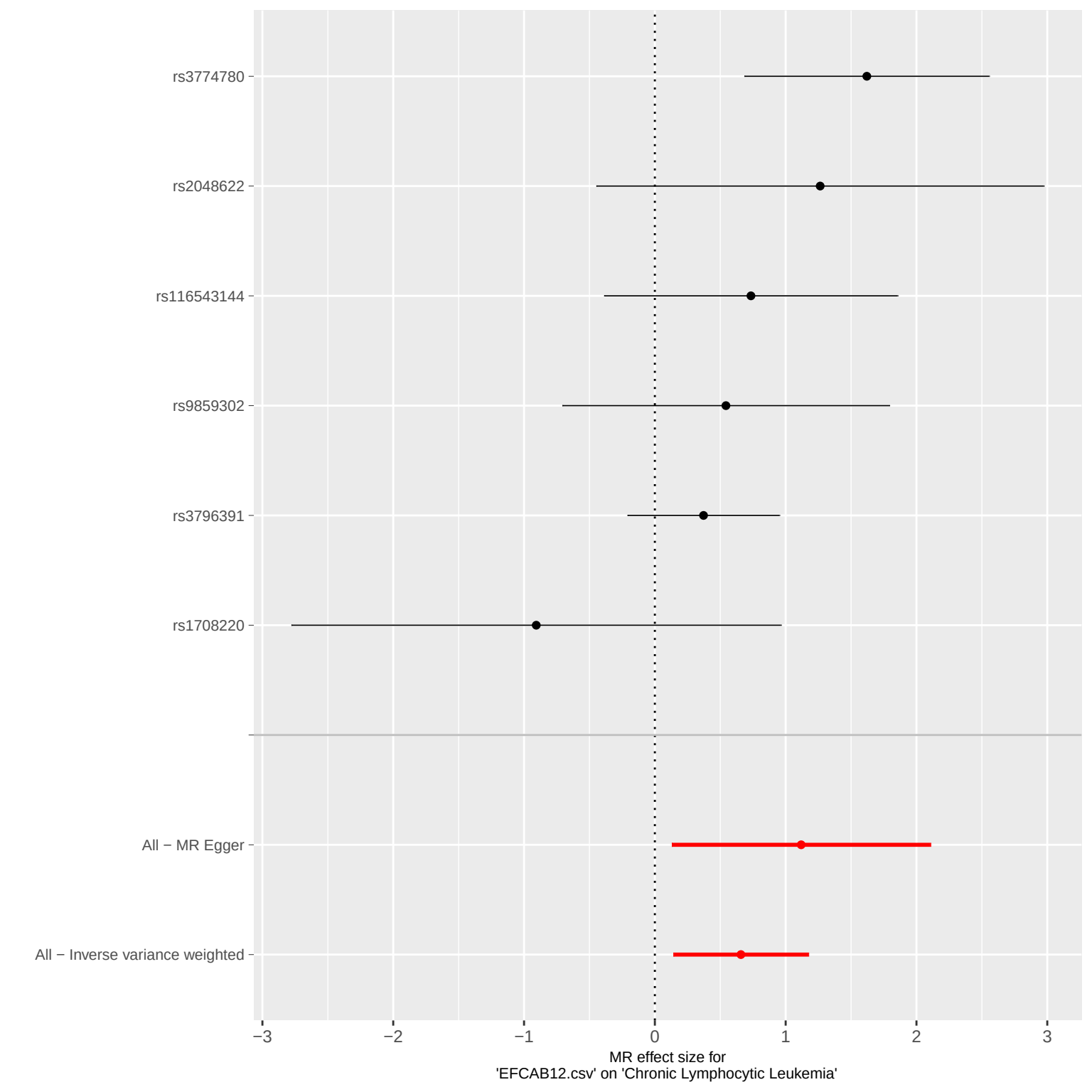
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All − MR Egger
All − Inverse variance weighted
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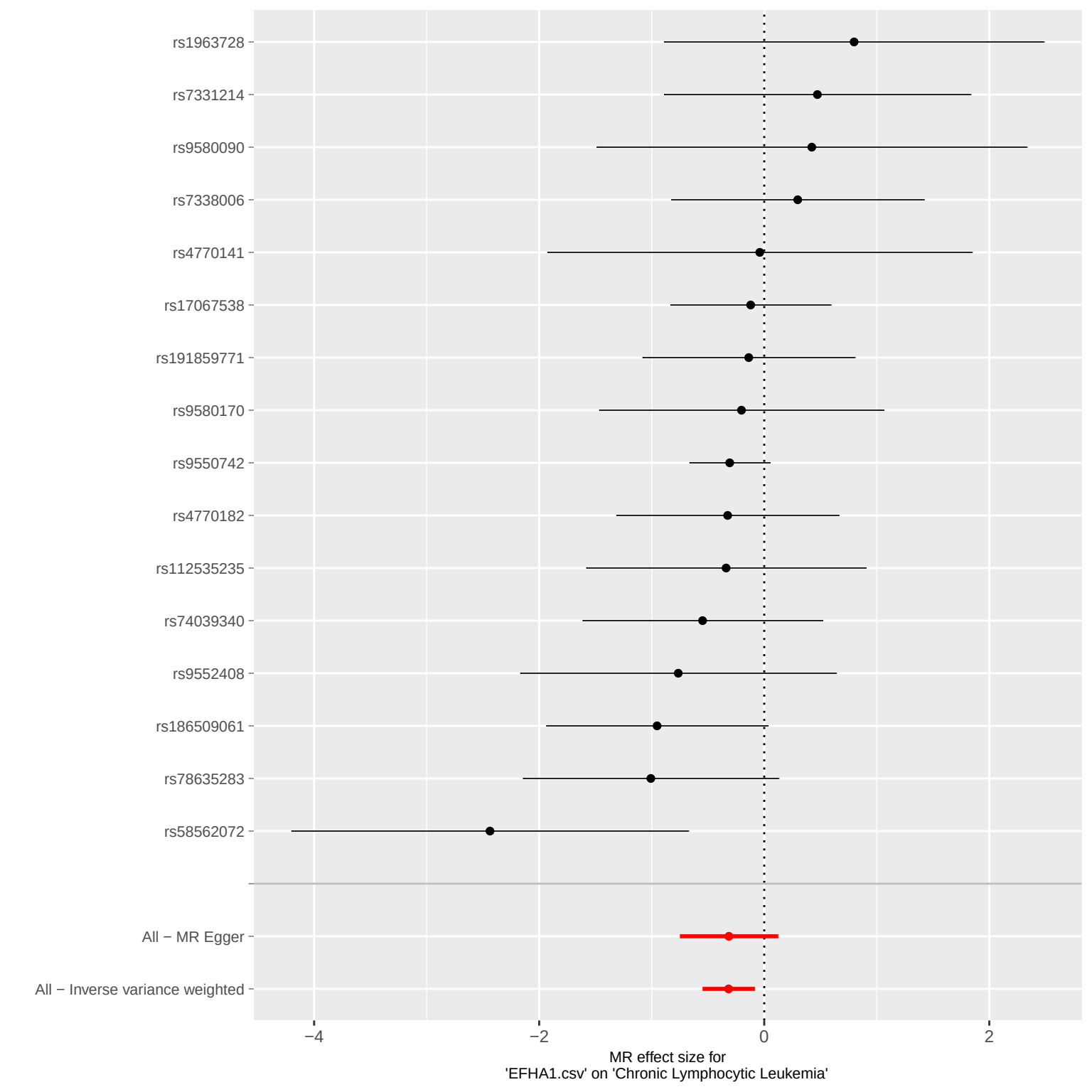
MR effect size for
'EFCAB12.csv' on 'Chronic Lymphocytic Leukemia'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rs74039340
rs9552408
rs186509061
rs78635283
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All − MR Egger
All − Inverse variance weighted
−4
−2
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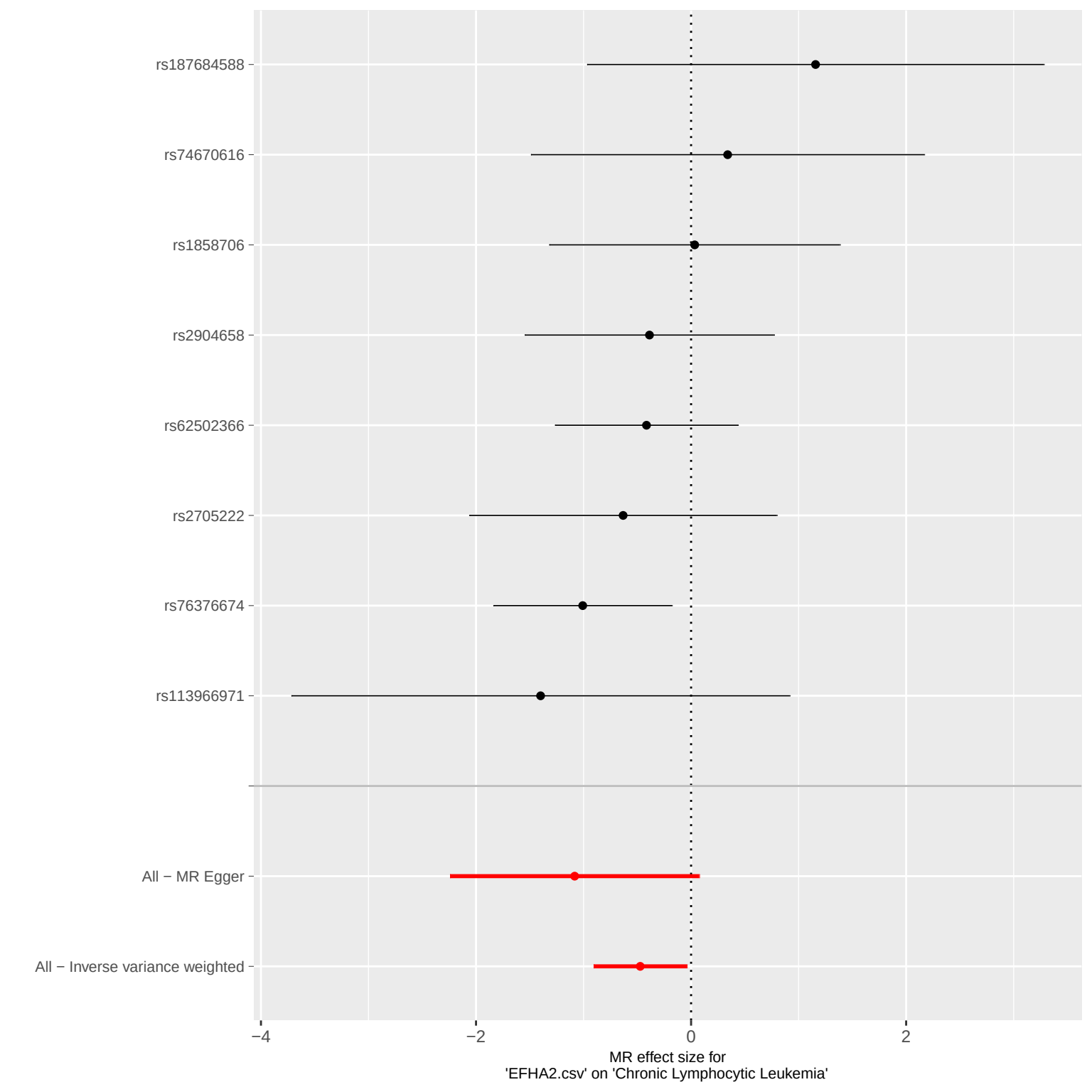
MR effect size for
'EFHA1.csv' on 'Chronic Lymphocytic Leukemia'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rs62502366
rs2705222
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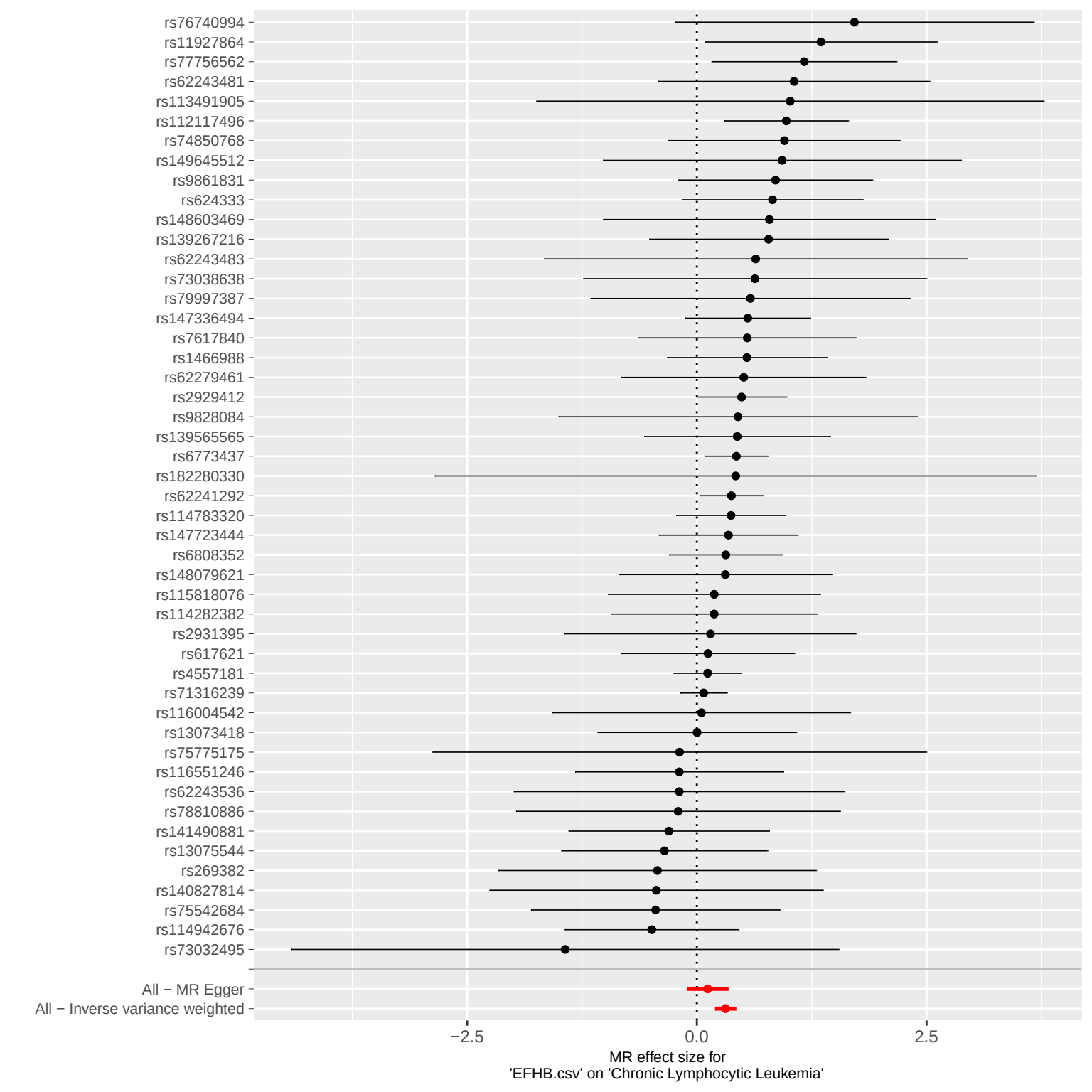
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'EFHA2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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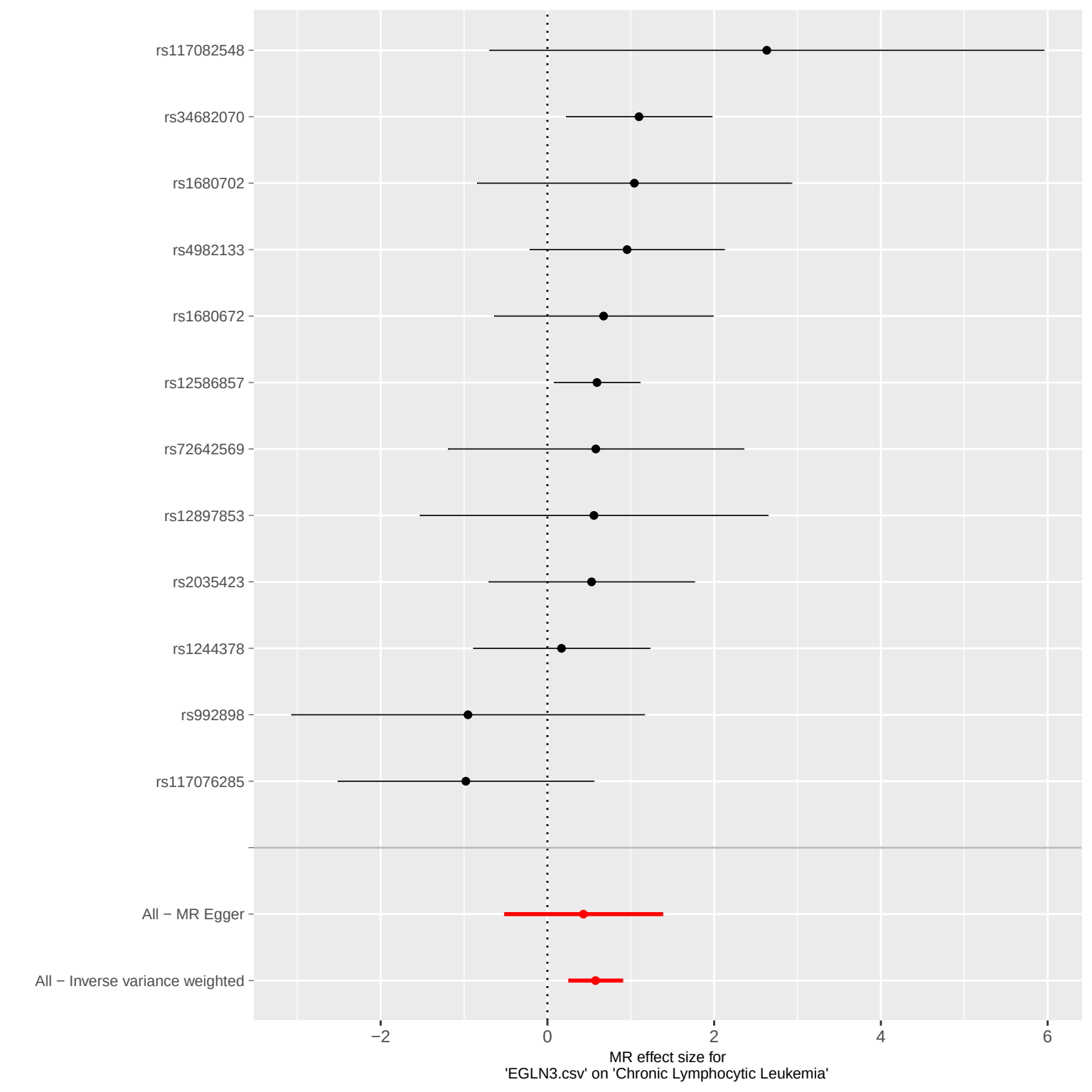
MR effect size for
'EFHB.csv' on 'Chronic Lymphocytic Leukemia'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rs2035423
rs1244378
rs992898
rs117076285
All − MR Egger
All − Inverse variance weighted
−2
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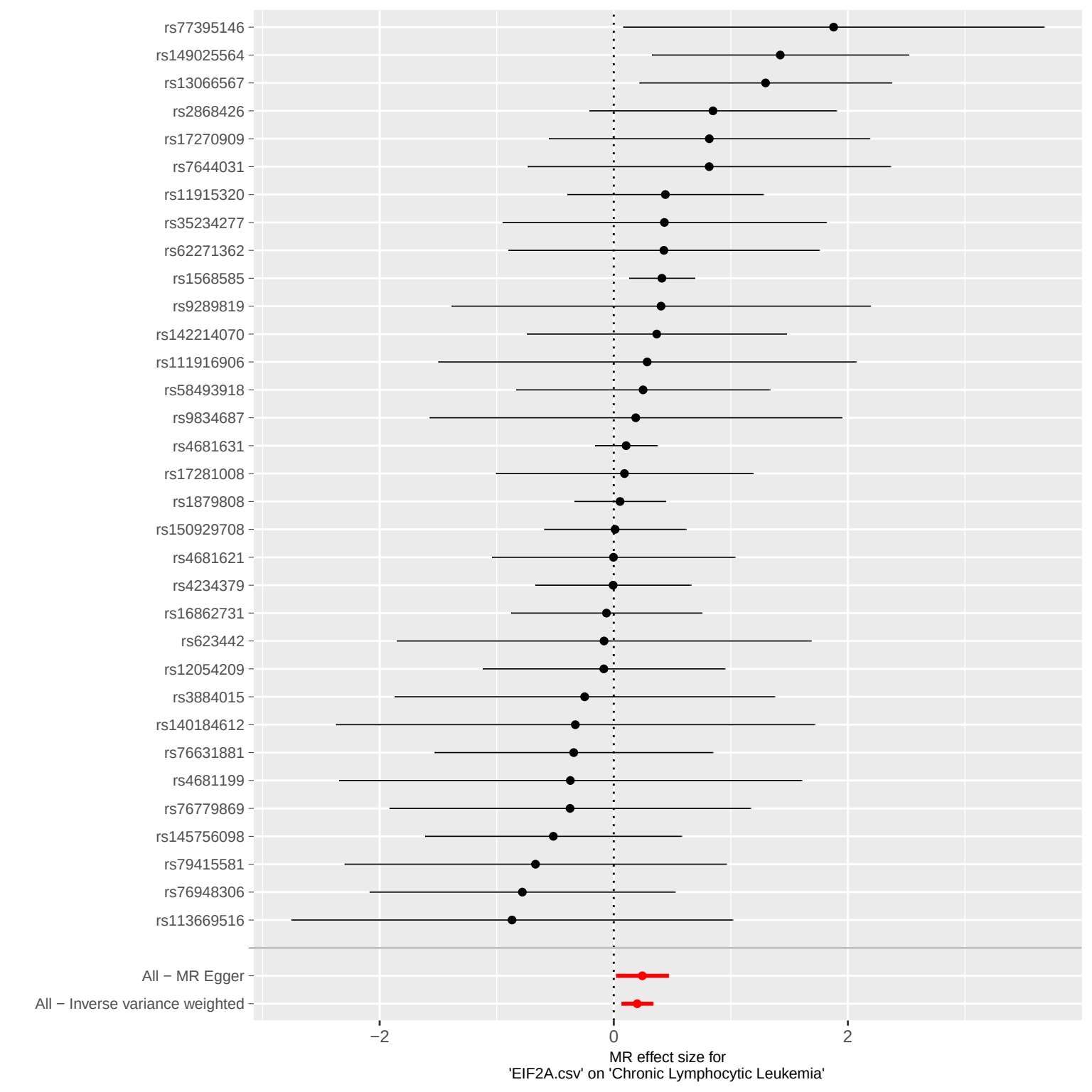
2
4
6
MR effect size for
'EGLN3.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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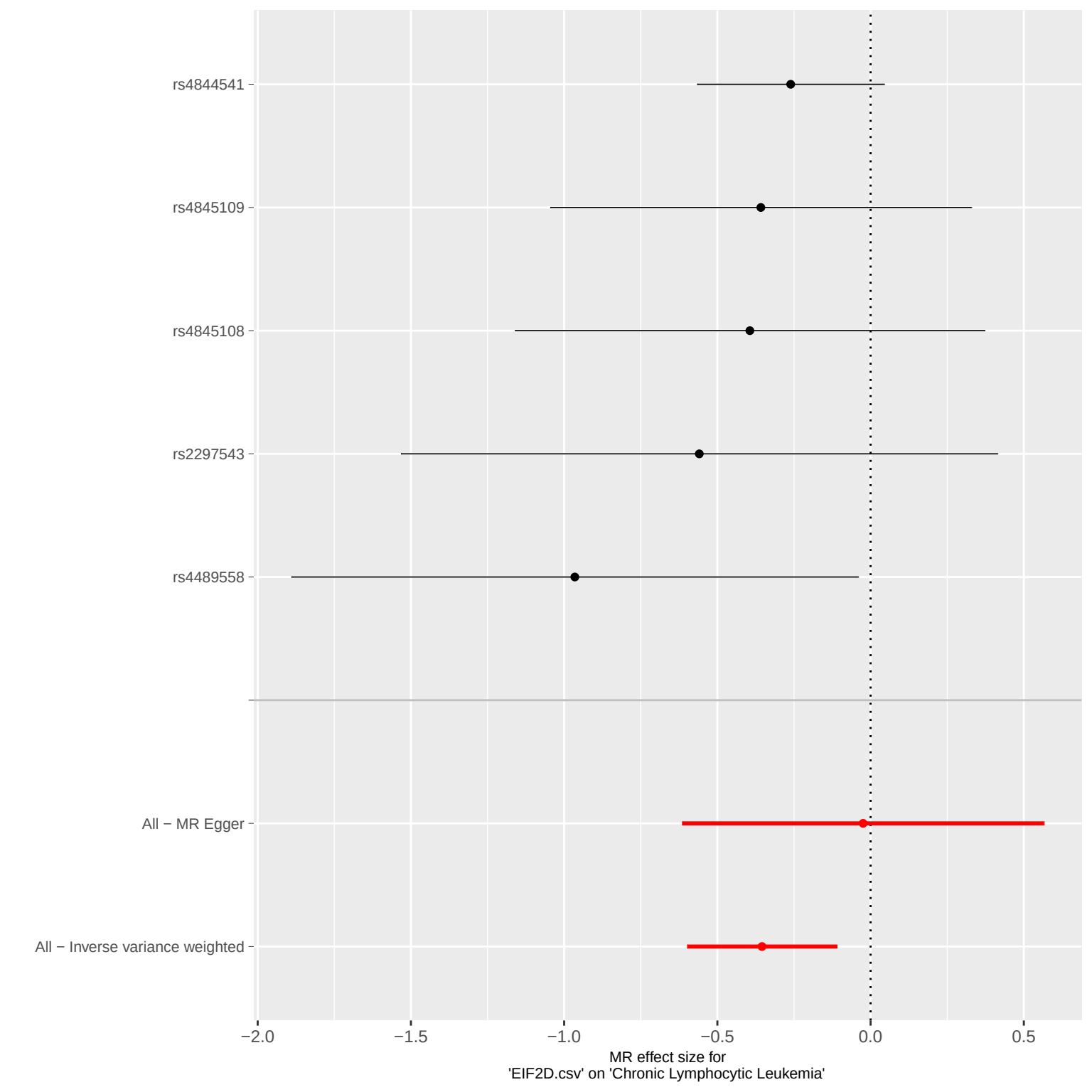
MR effect size for
'EIF2A.csv' on 'Chronic Lymphocytic Leukemia'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rs4845108
rs2297543
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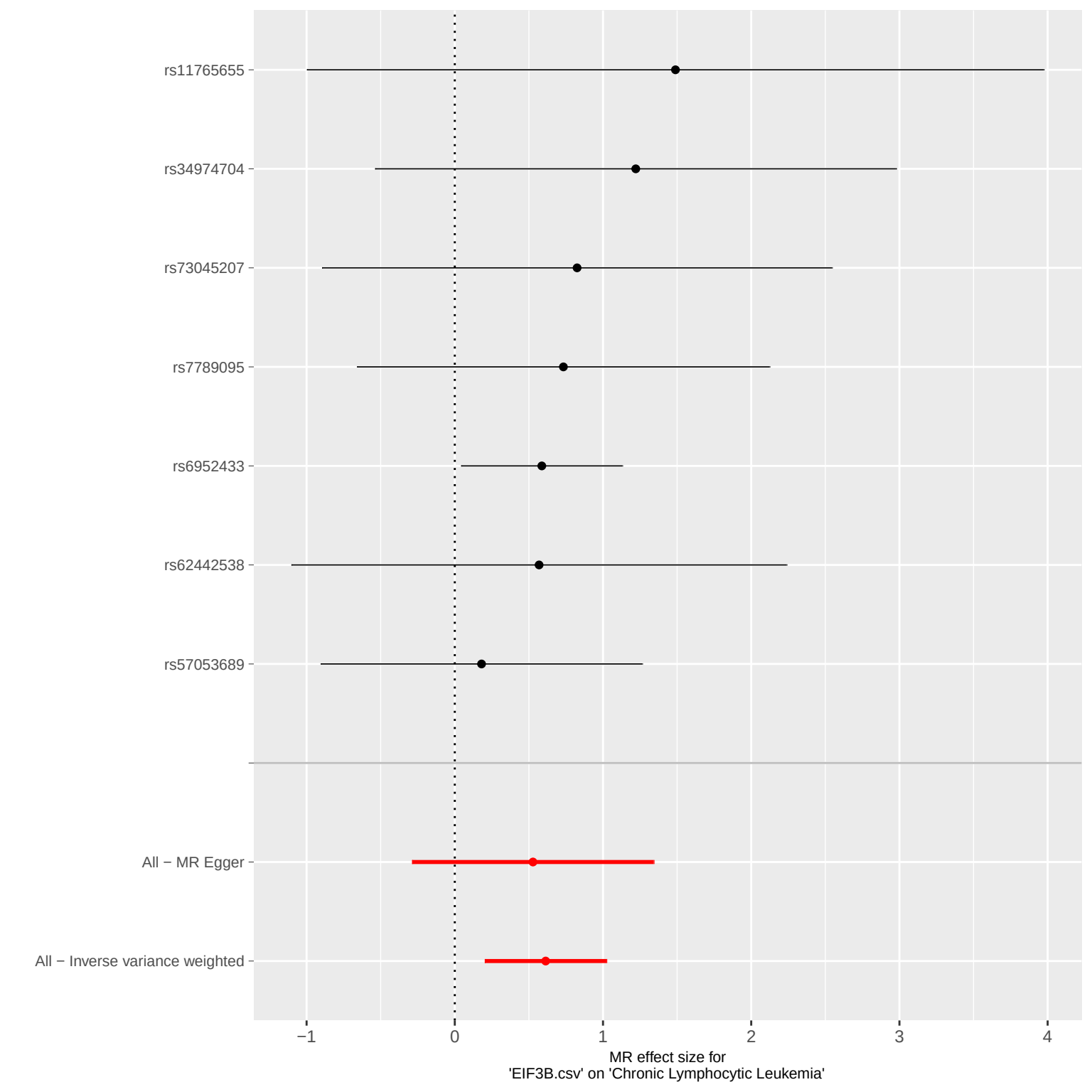
All − MR Egger
All − Inverse variance weighted
−2.0
−1.5
−1.0
−0.5
0.0
0.5
MR effect size for
'EIF2D.csv' on 'Chronic Lymphocytic Leukemia'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rs6952433
rs62442538
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All − MR Egger
All − Inverse variance weighted
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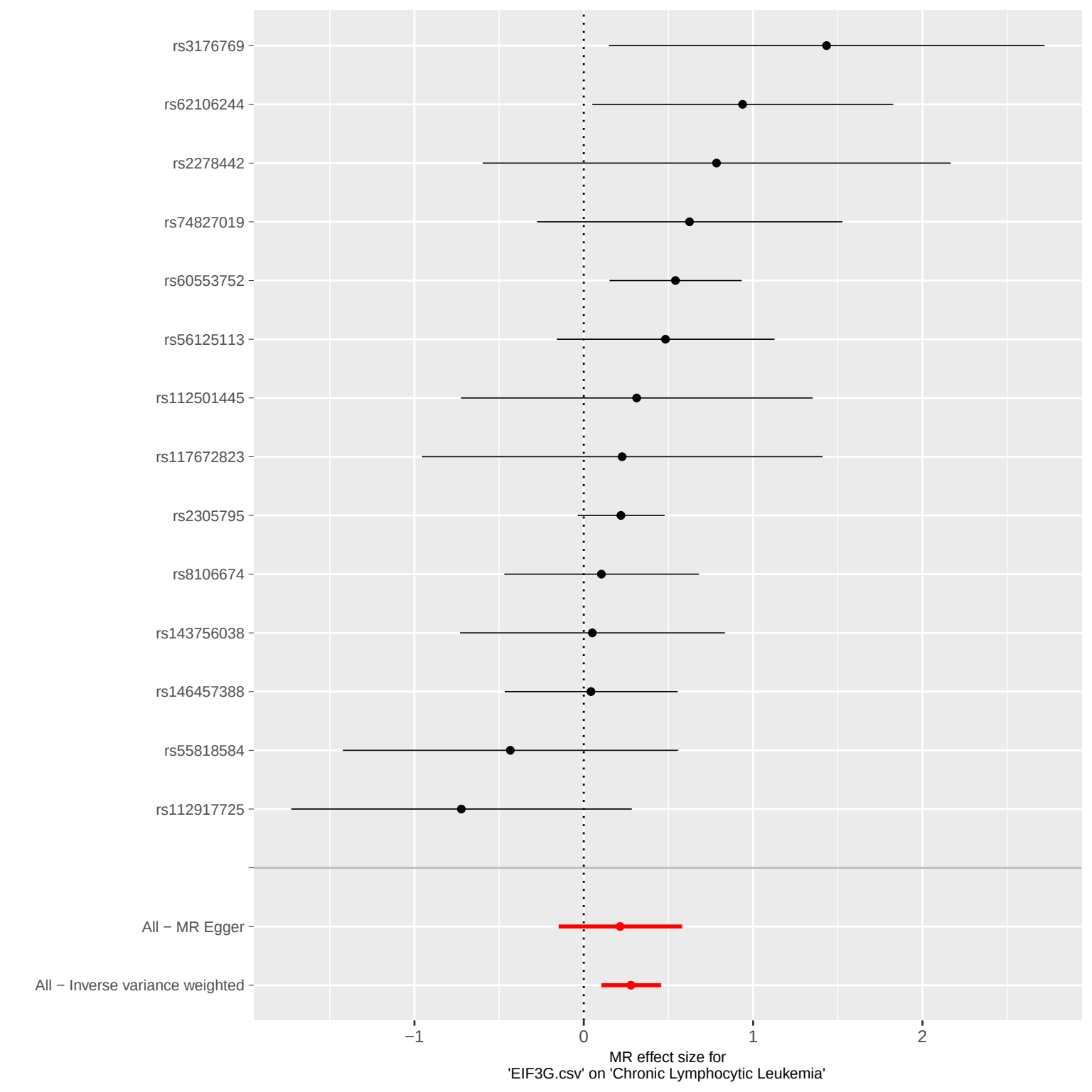
1
2
3
4
MR effect size for
'EIF3B.csv' on 'Chronic Lymphocytic Leukemia'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rs146457388
rs55818584
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All − MR Egger
All − Inverse variance weighted
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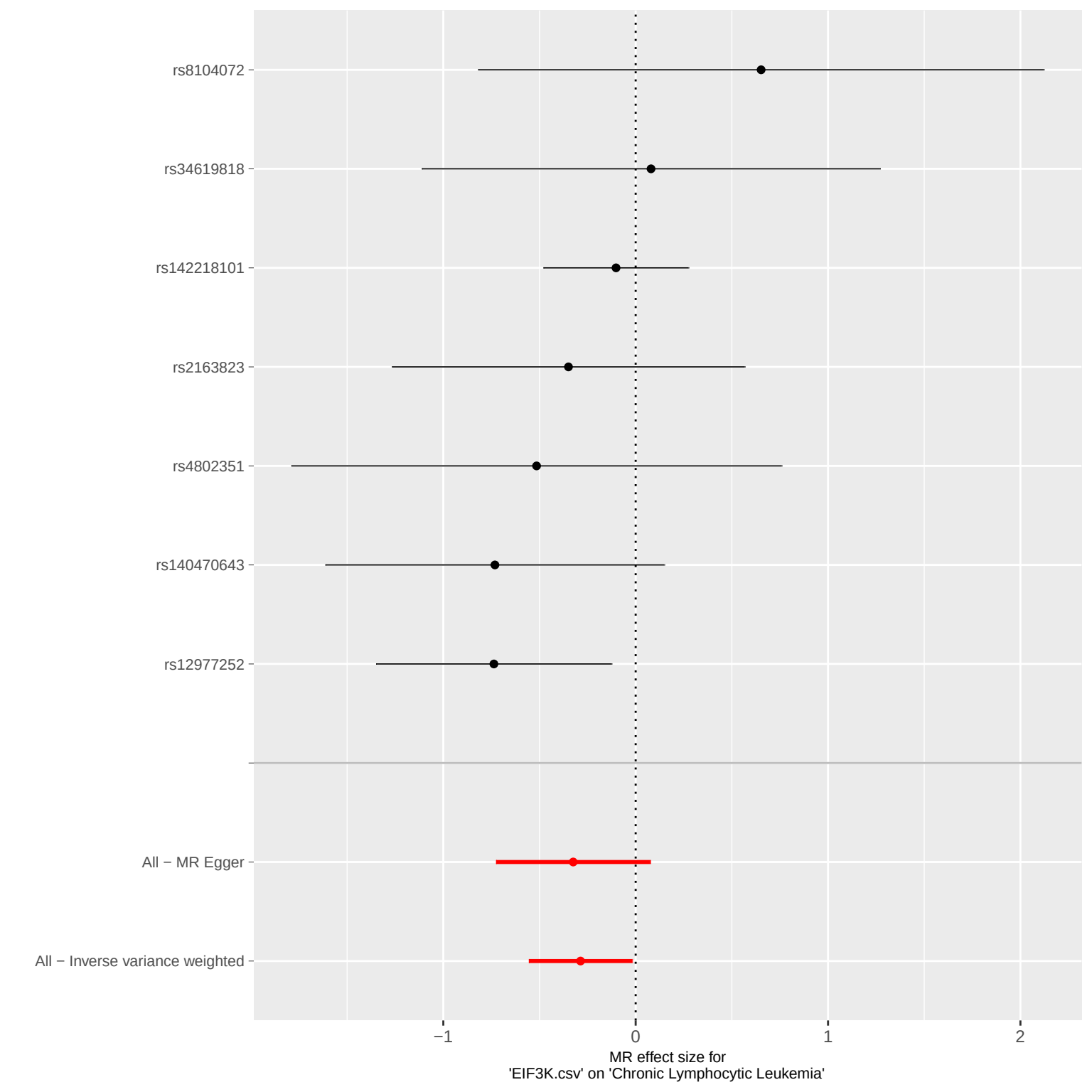
MR effect size for
'EIF3G.csv' on 'Chronic Lymphocytic Leukemia'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rs140470643
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All − MR Egger
All − Inverse variance weighted
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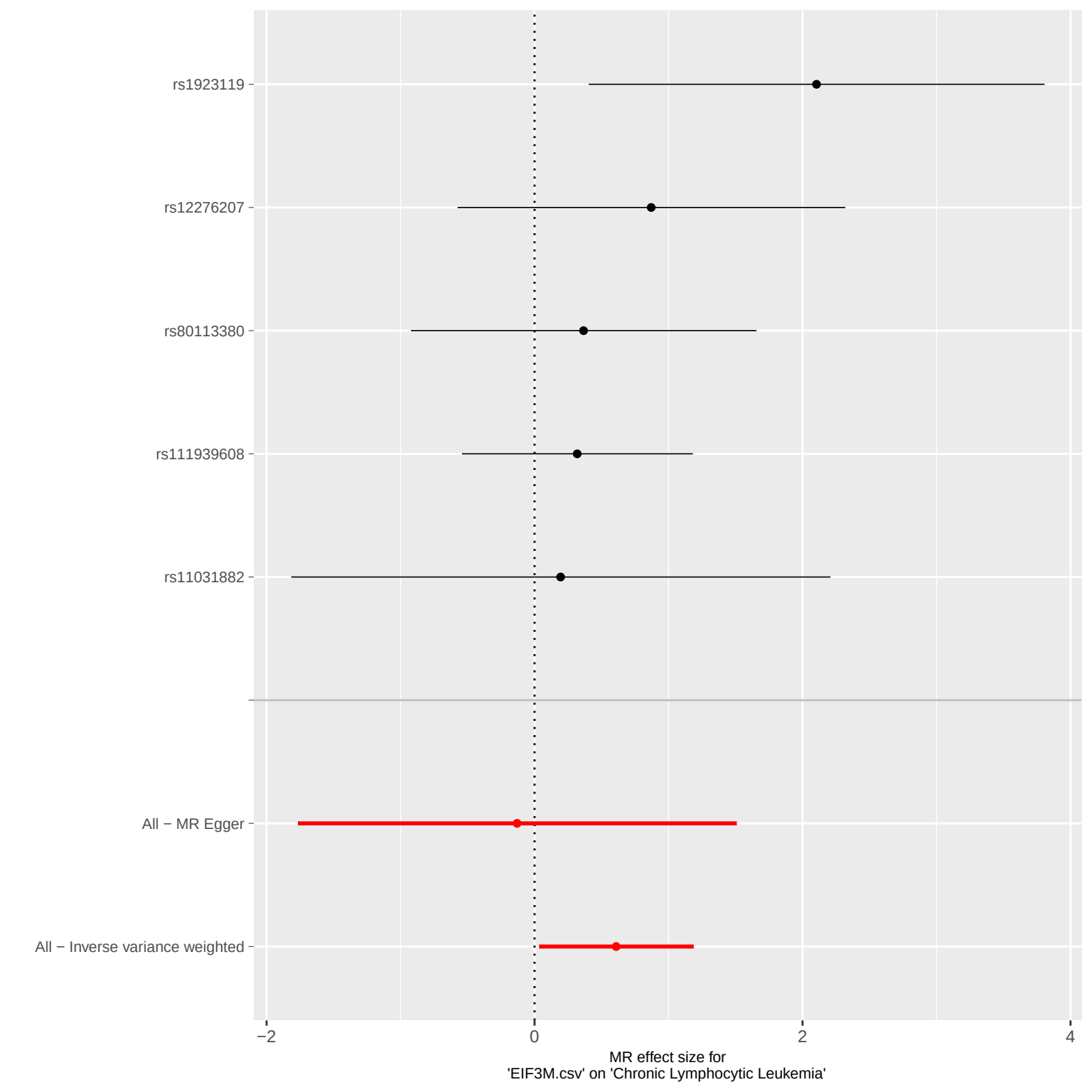
1
2
MR effect size for
'EIF3K.csv' on 'Chronic Lymphocytic Leukemia'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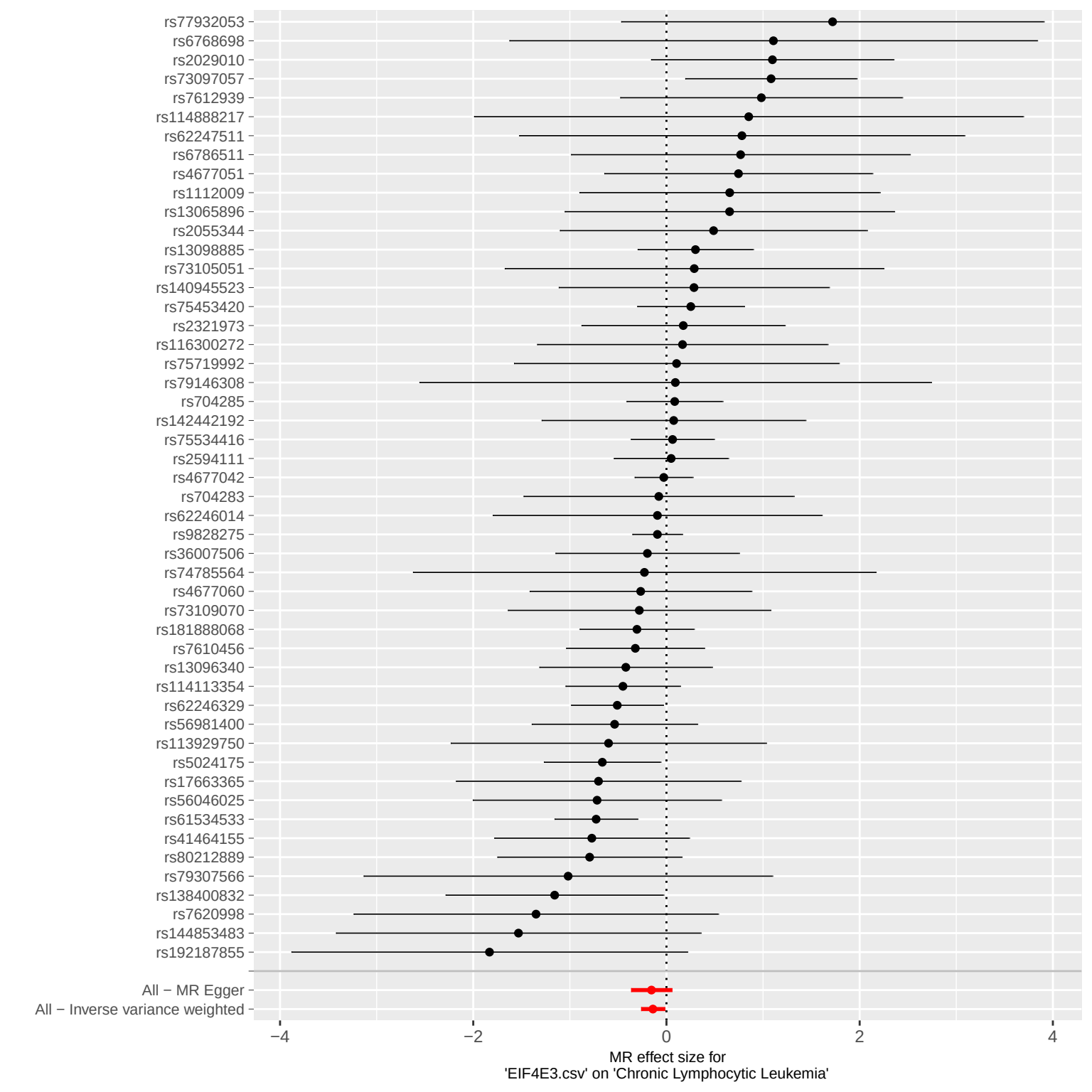
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'EIF3M.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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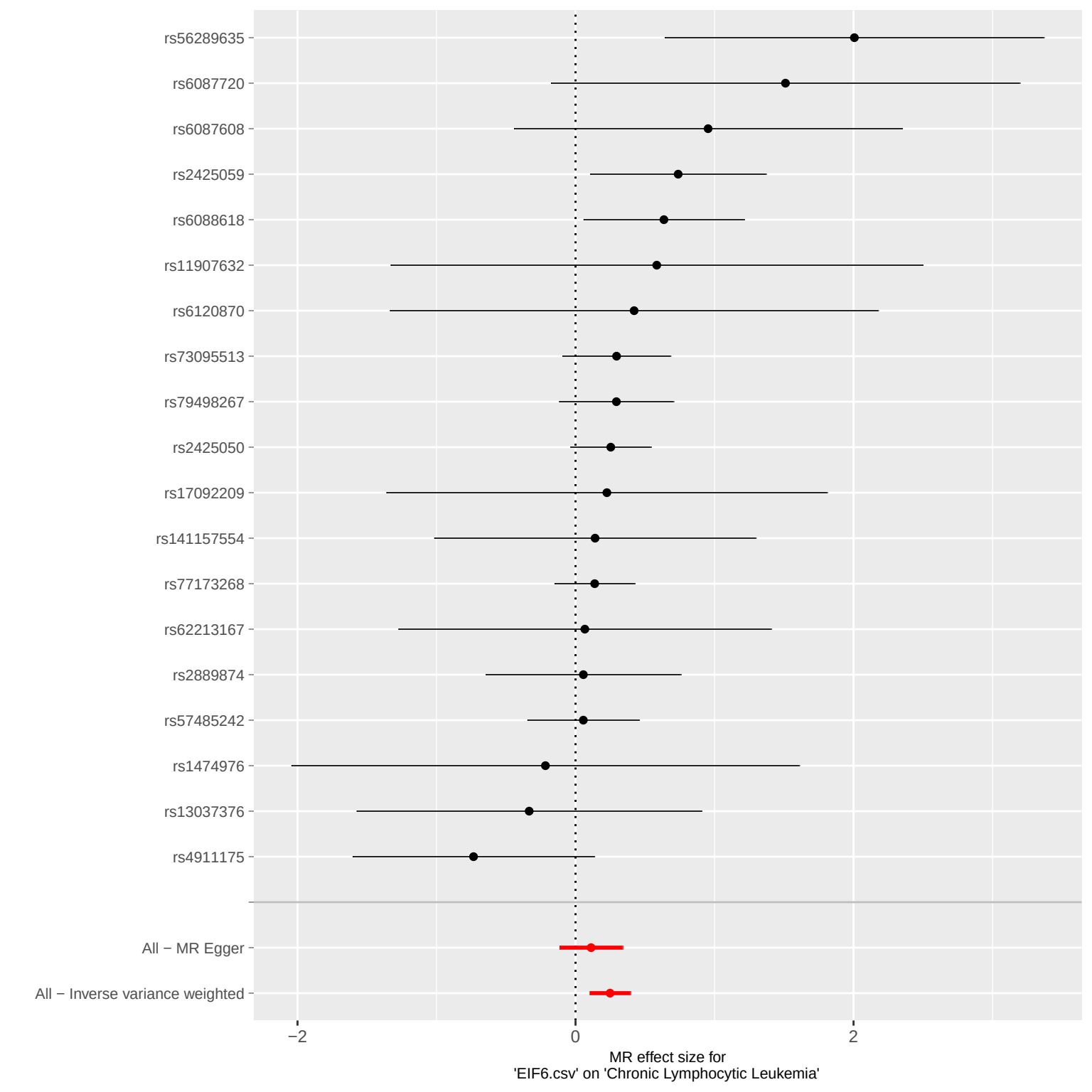
MR effect size for
'EIF4E3.csv' on 'Chronic Lymphocytic Leukemia'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rs141157554
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rs62213167
rs2889874
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All − MR Egger
All − Inverse variance weighted
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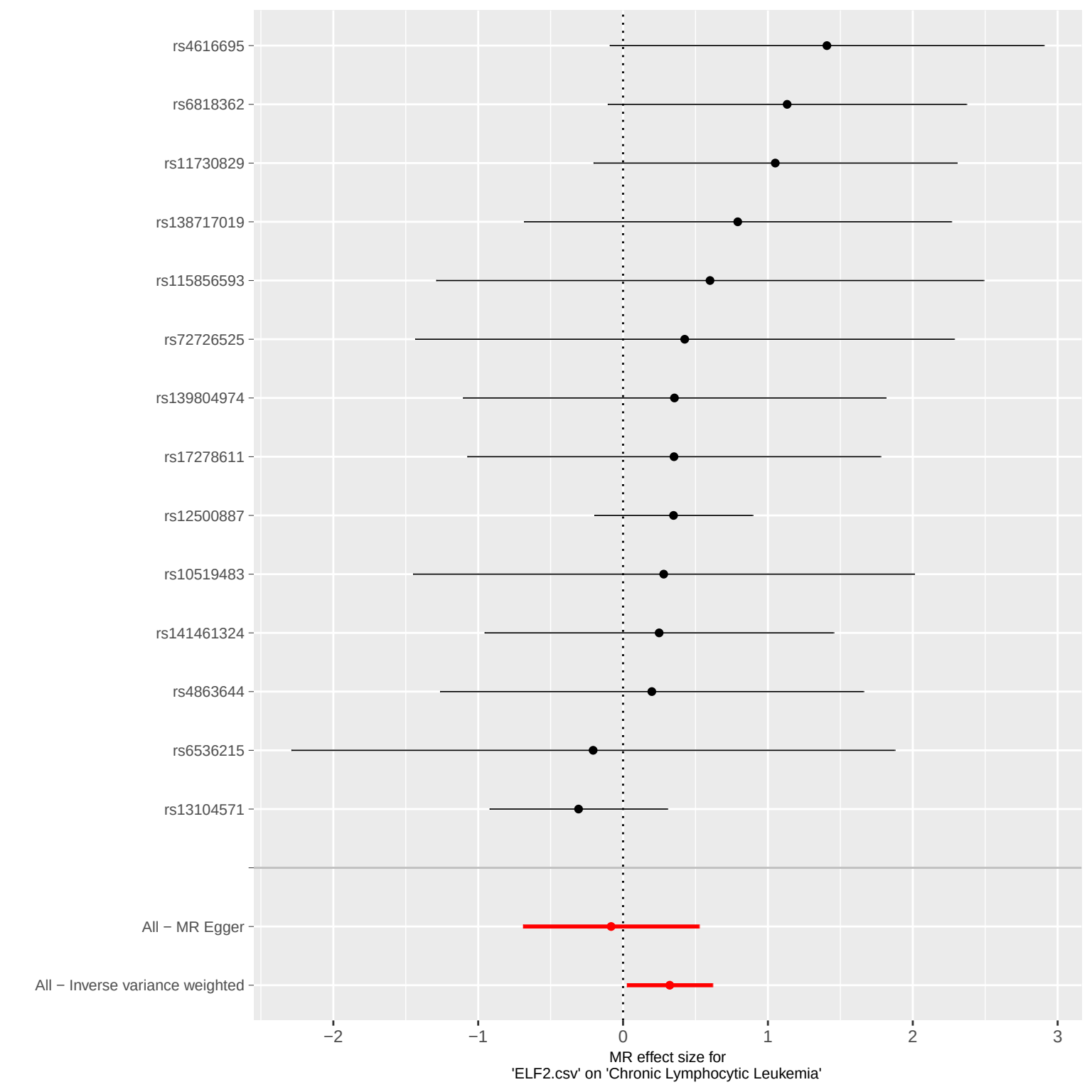
MR effect size for
'EIF6.csv' on 'Chronic Lymphocytic Leukemia'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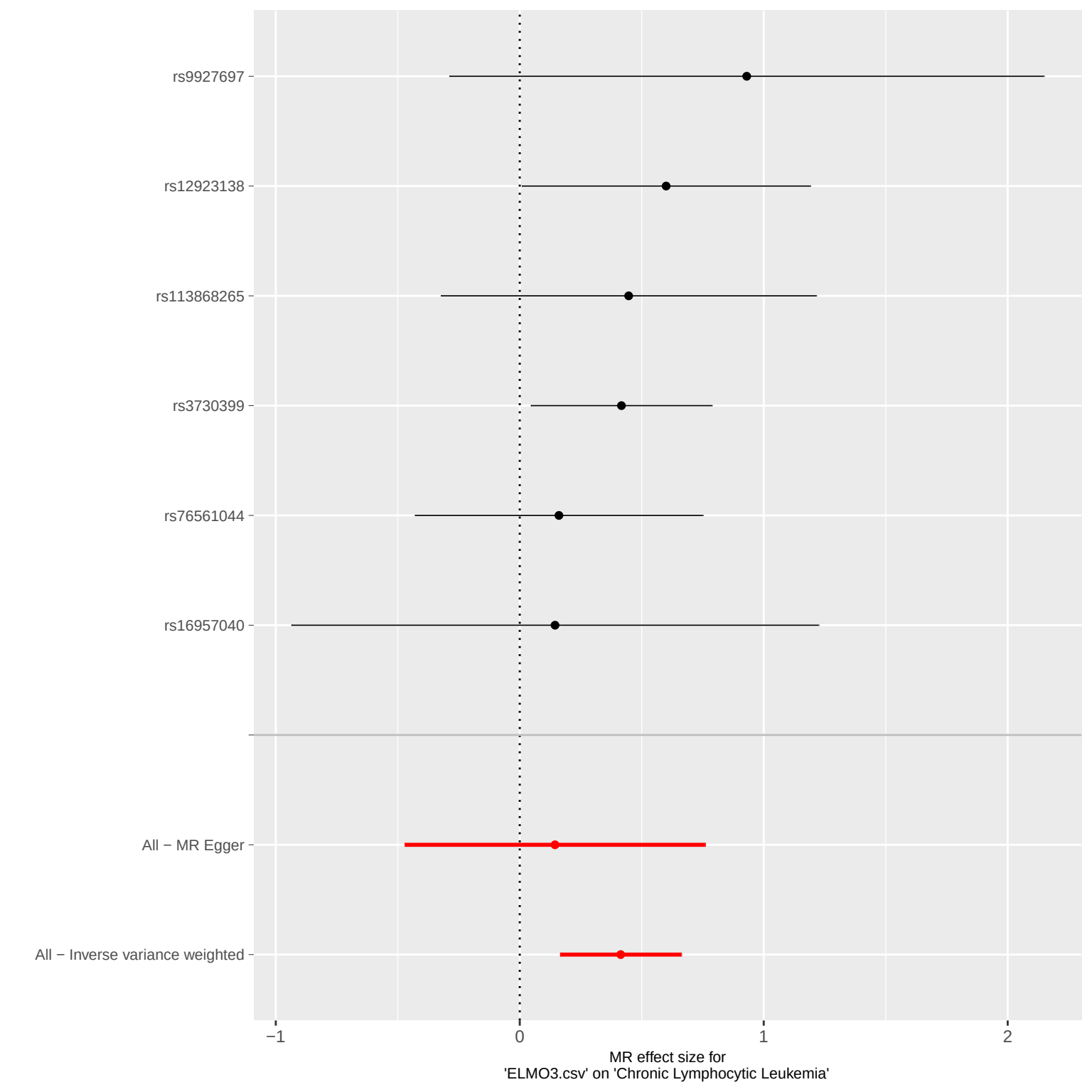
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ELF2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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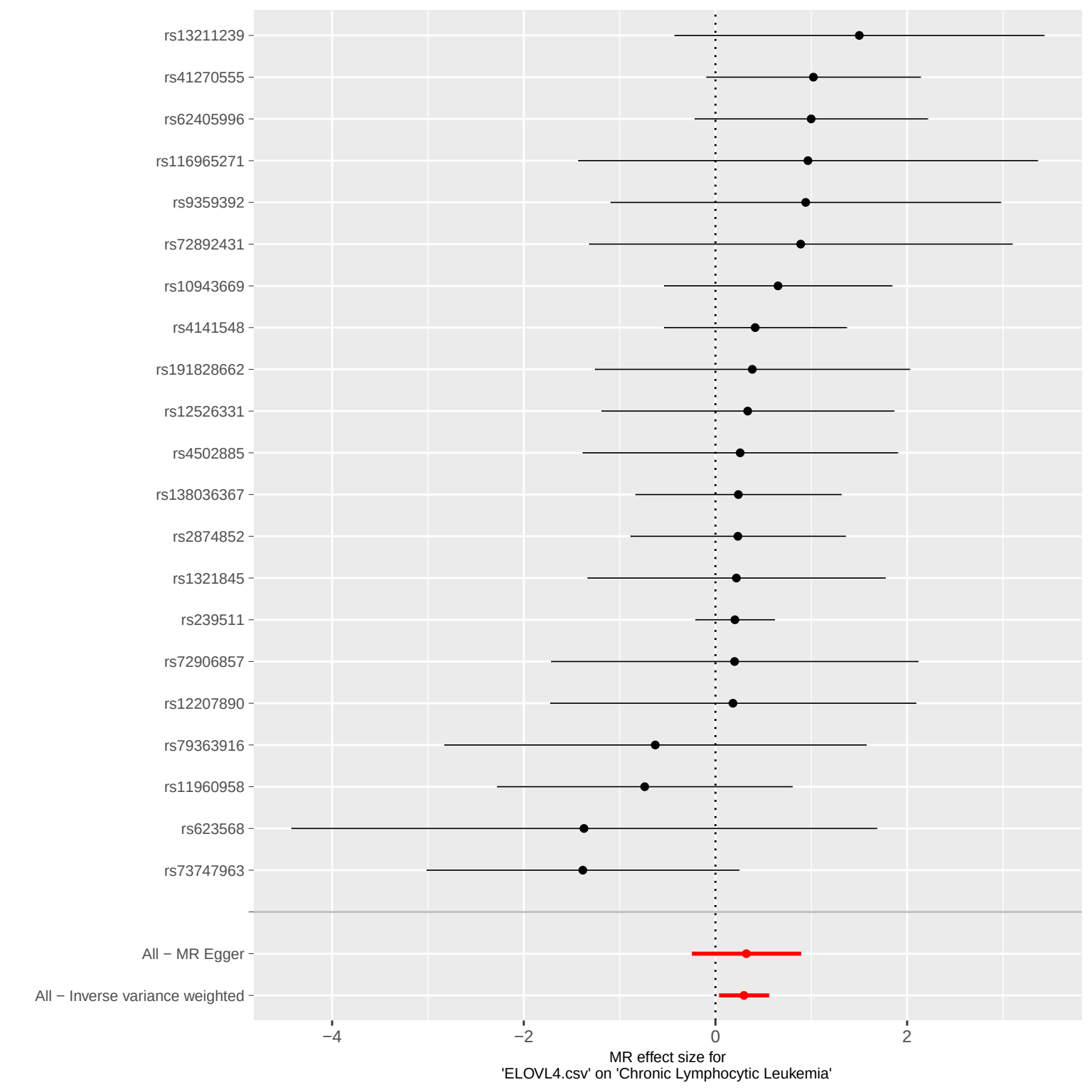
0
1
2
MR effect size for
'ELMO3.csv' on 'Chronic Lymphocytic Leukemia'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rs72906857
rs12207890
rs79363916
rs11960958
rs623568
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All − MR Egger
All − Inverse variance weighted
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−2
0
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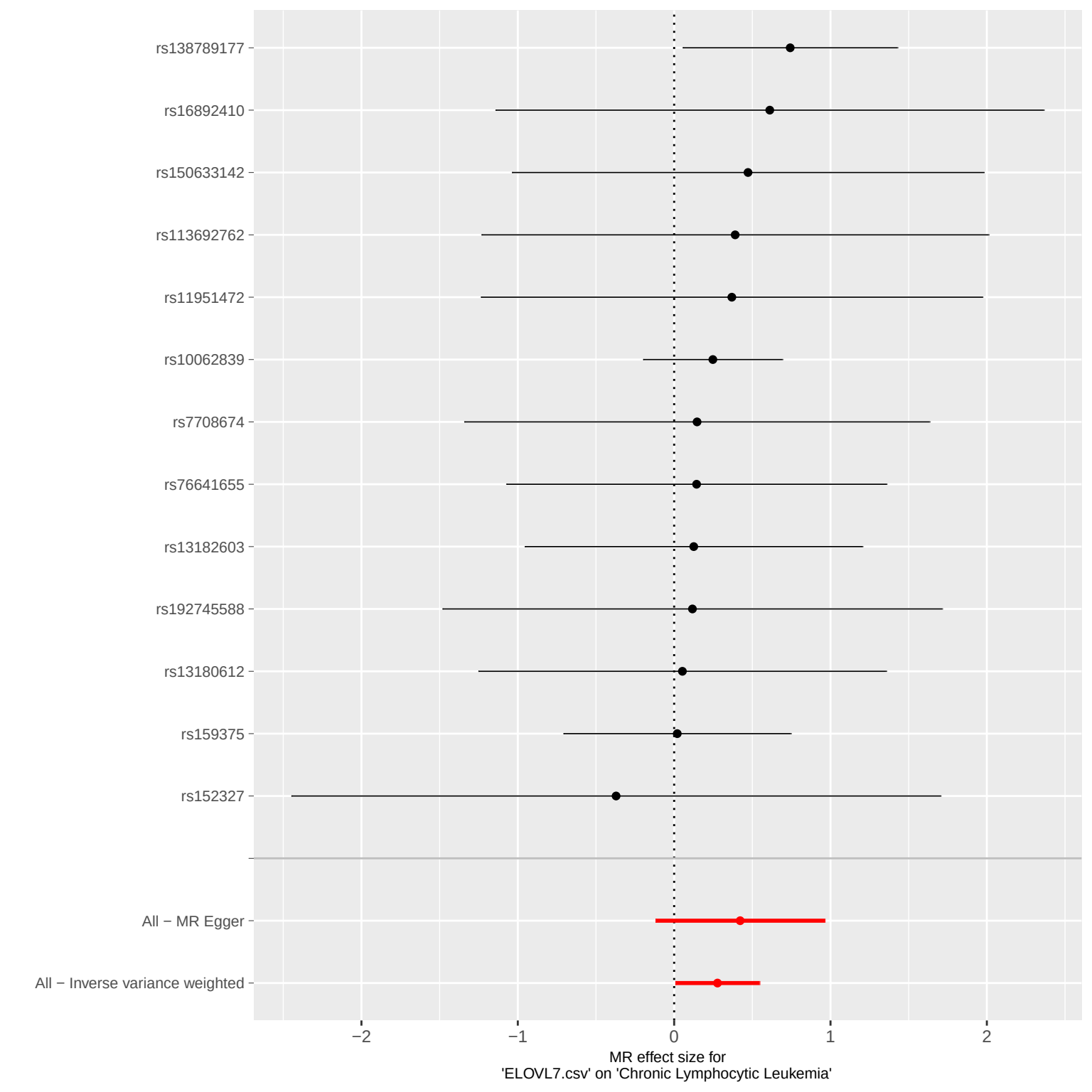
MR effect size for
'ELOVL4.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−1
0
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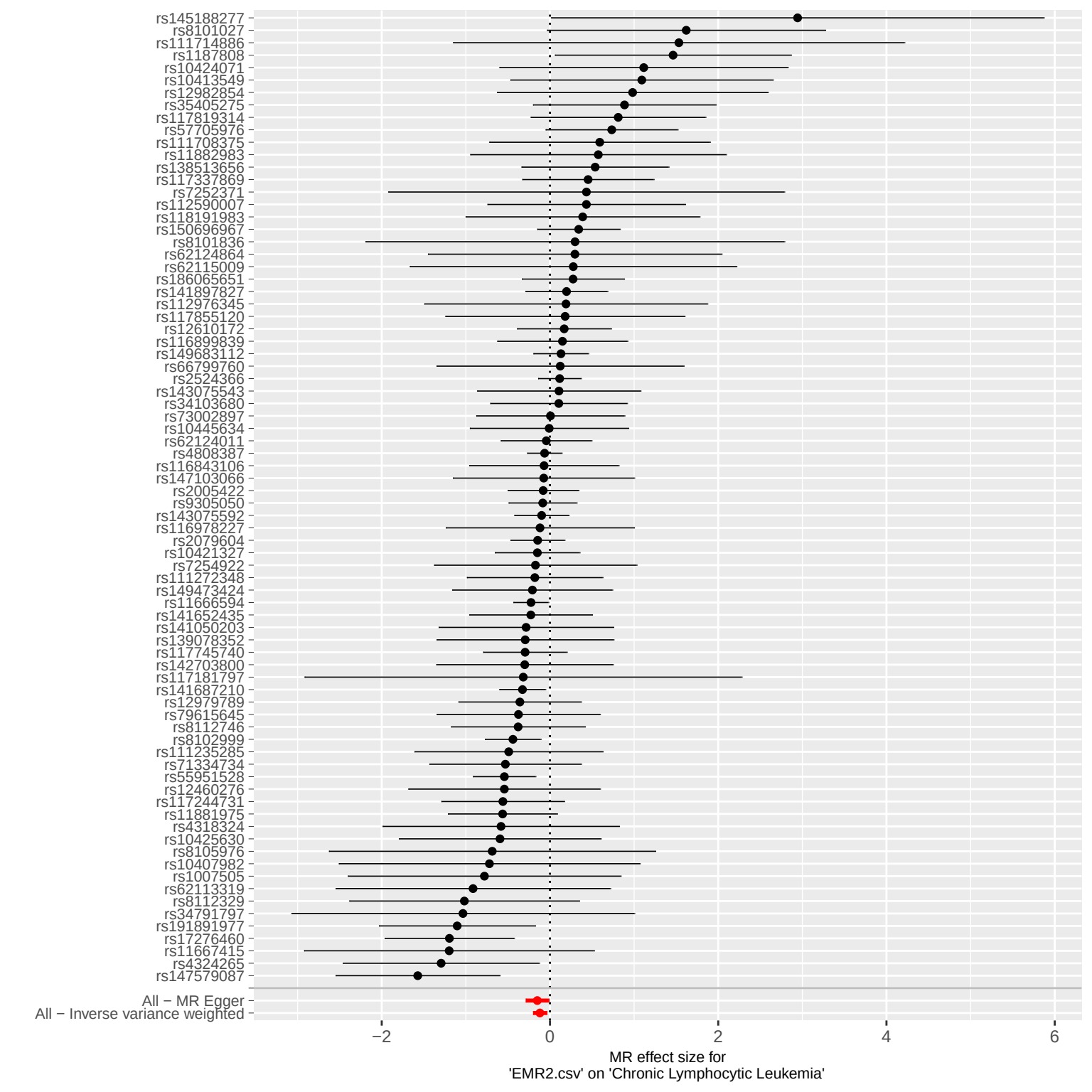
MR effect size for
'ELOVL7.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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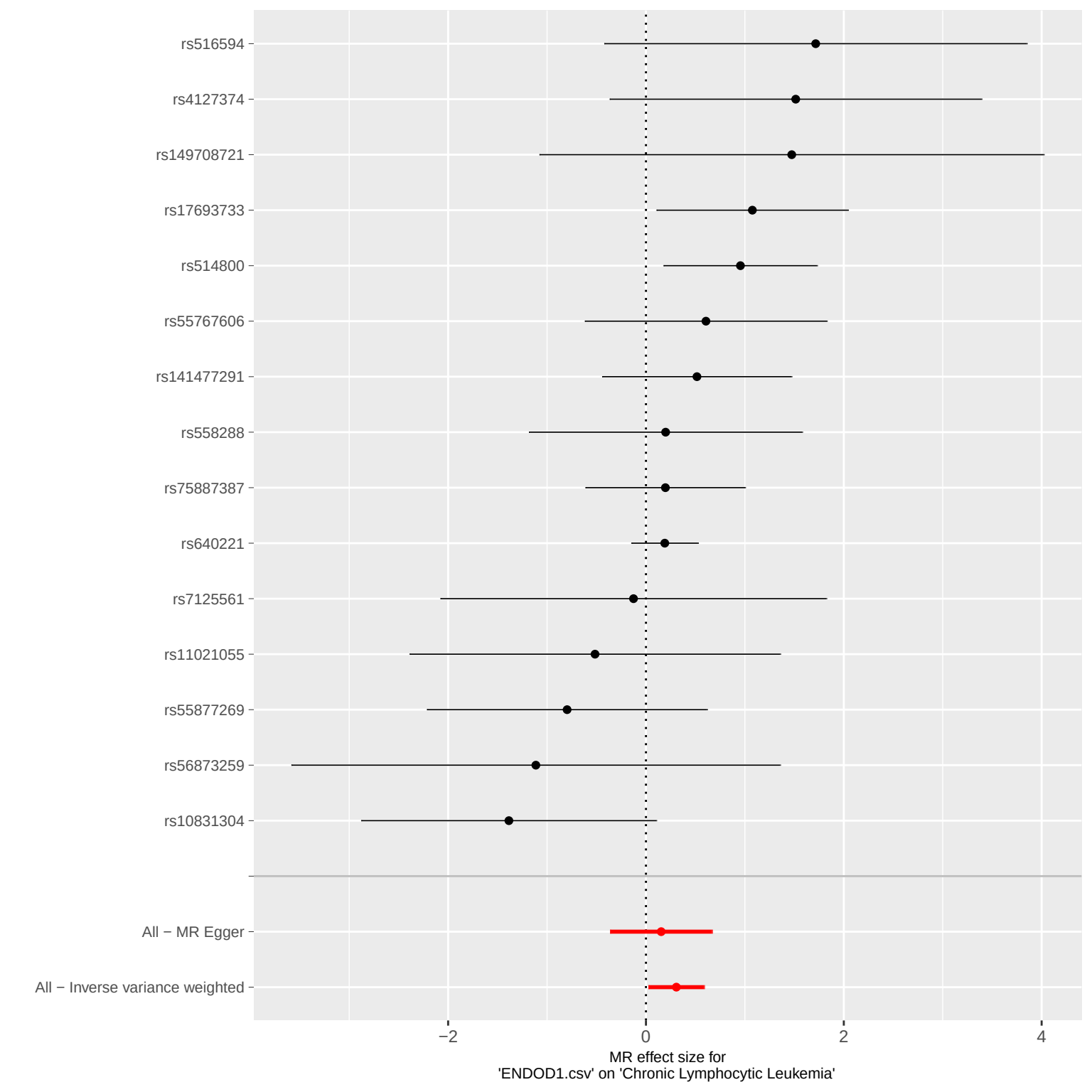
2
4
6
MR effect size for
'EMR2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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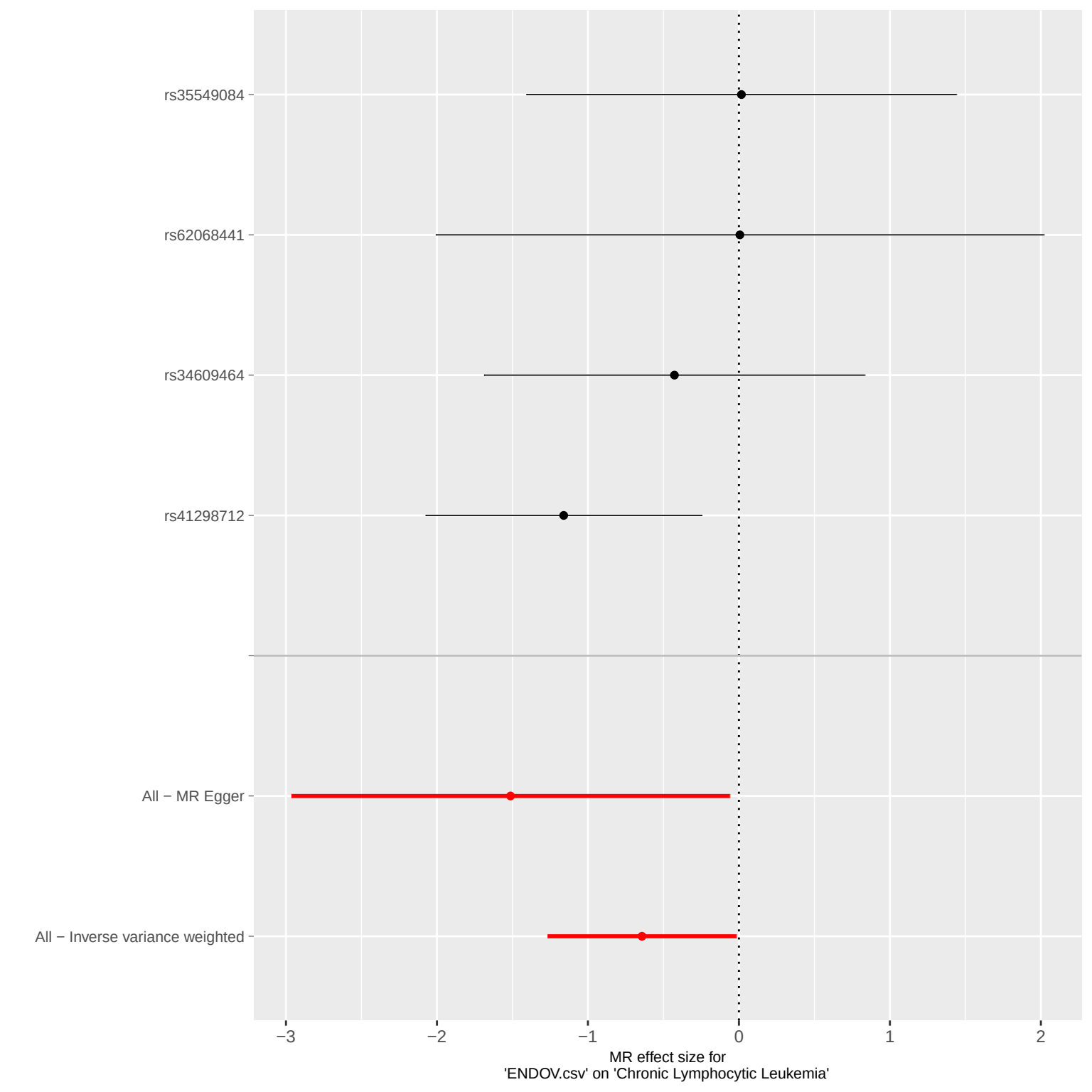
4
MR effect size for
'ENDOD1.csv' on 'Chronic Lymphocytic Leukemia'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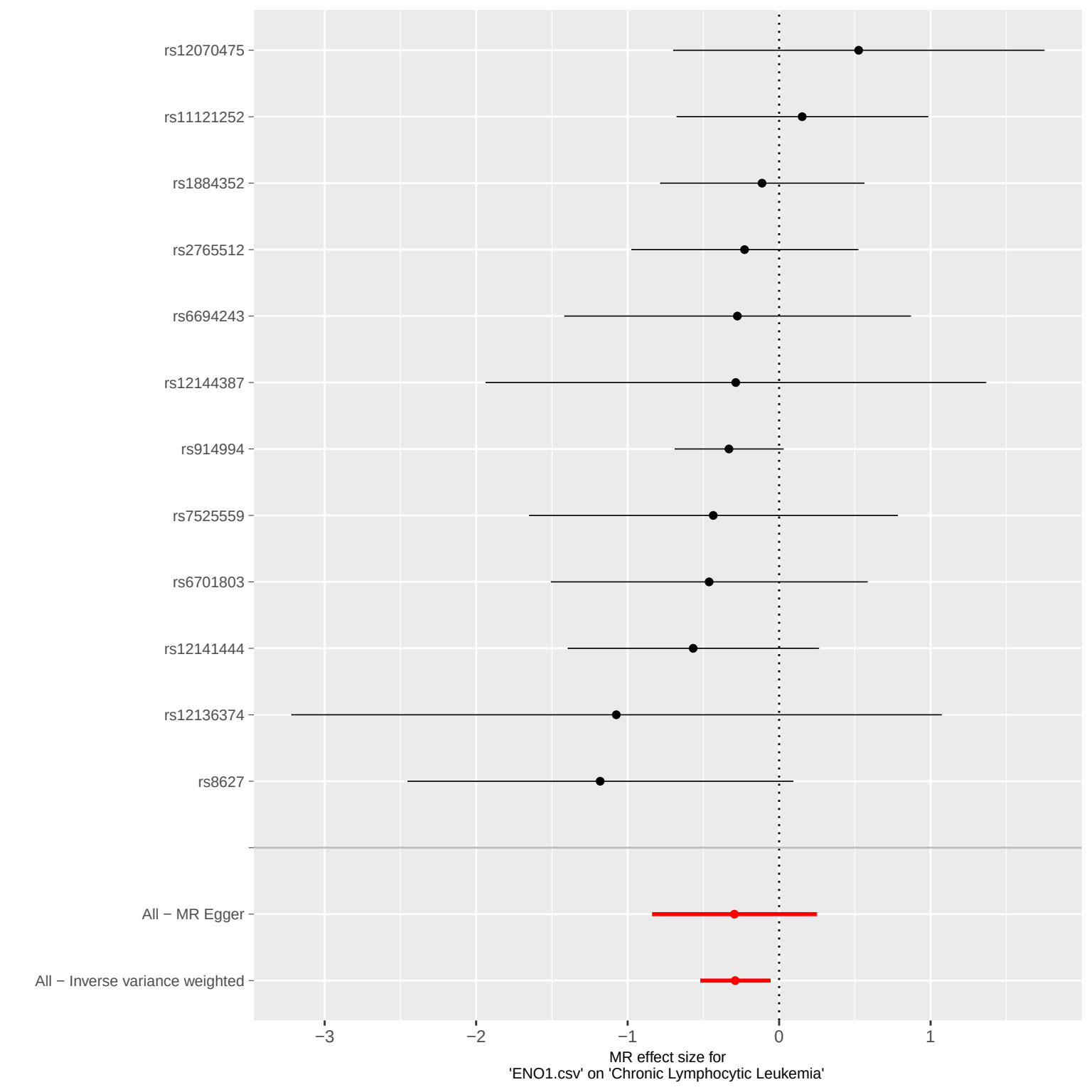
rs62068441
rs34609464
rs41298712
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ENDOV.csv' on 'Chronic Lymphocytic Leukemia'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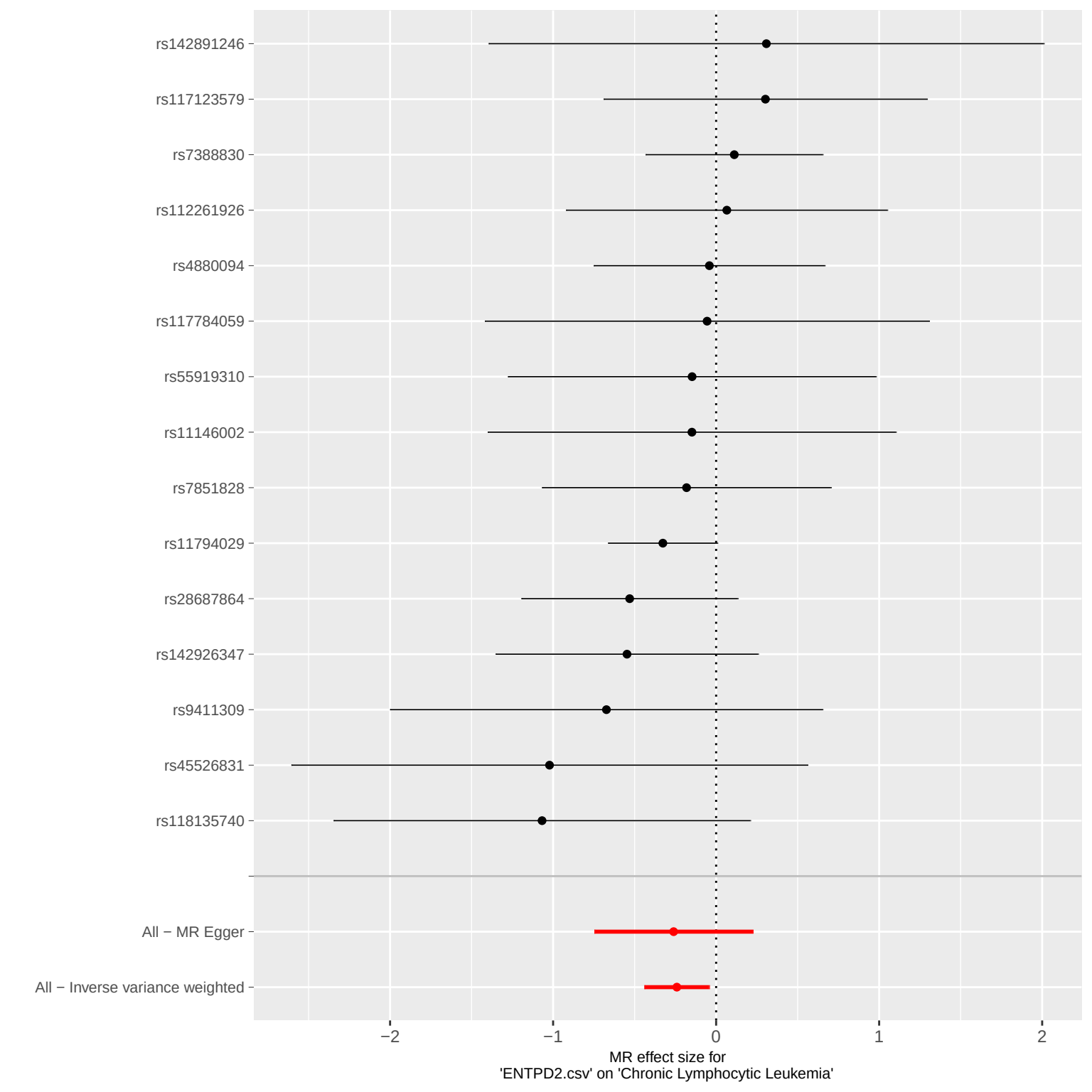
rs6701803
rs12141444
rs12136374
rs8627
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'ENO1.csv' on 'Chronic Lymphocytic Leukemia'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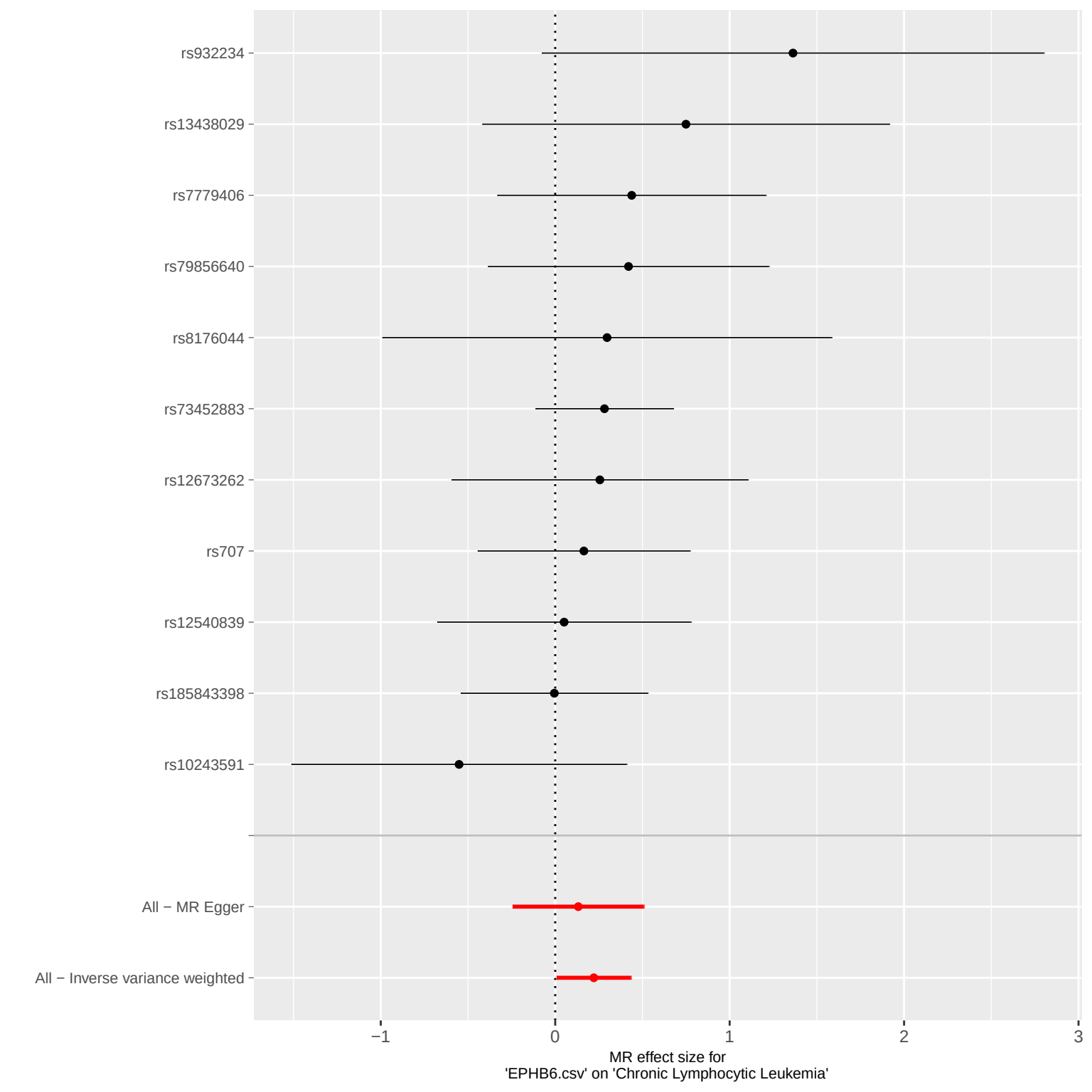
rs142926347
rs9411309
rs45526831
rs118135740
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ENTPD2.csv' on 'Chronic Lymphocytic Leukemia'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rs8176044
rs73452883
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rs12540839
rs185843398
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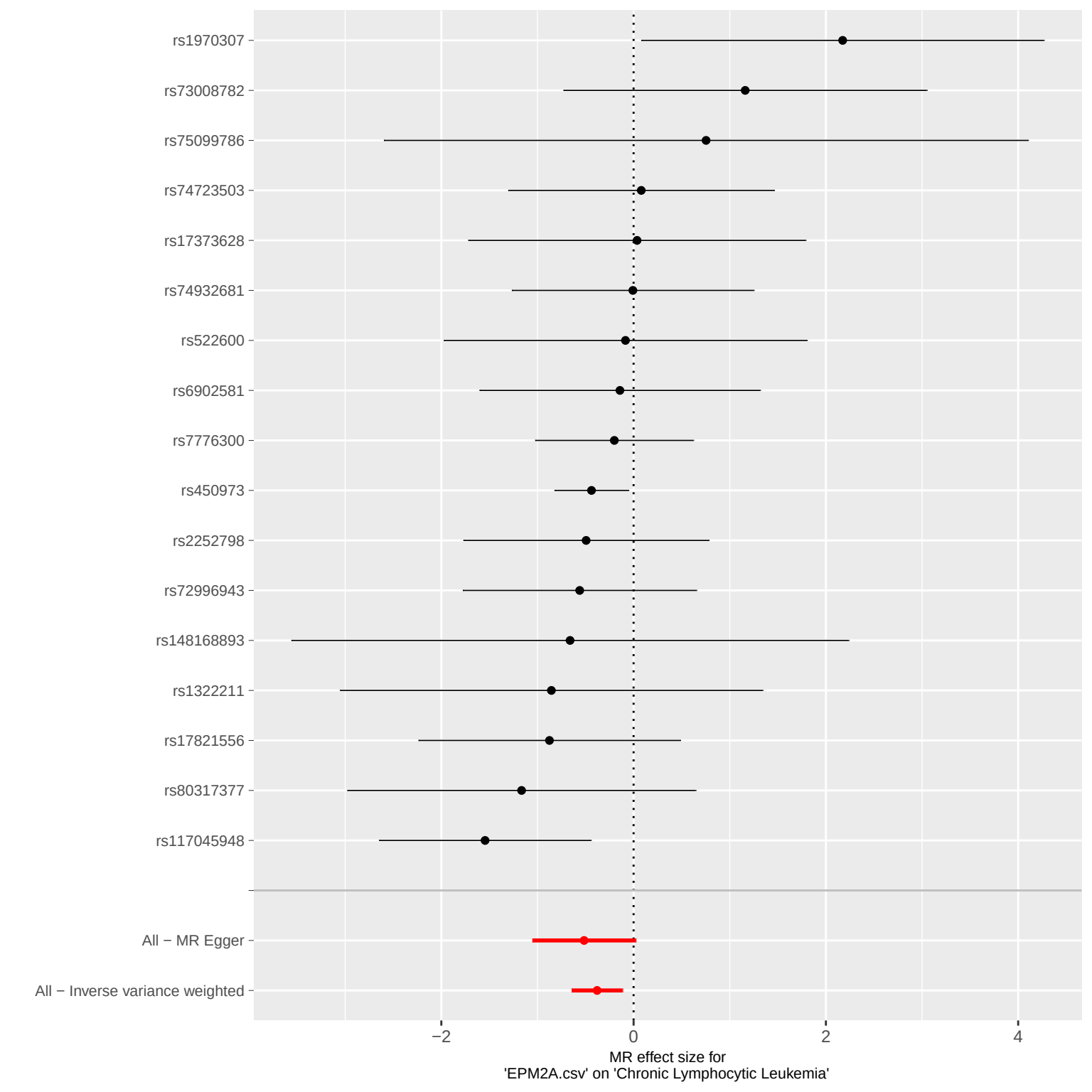
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'EPHB6.csv' on 'Chronic Lymphocytic Leukemia'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rs7776300
rs450973
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rs72996943
rs148168893
rs1322211
rs17821556
rs80317377
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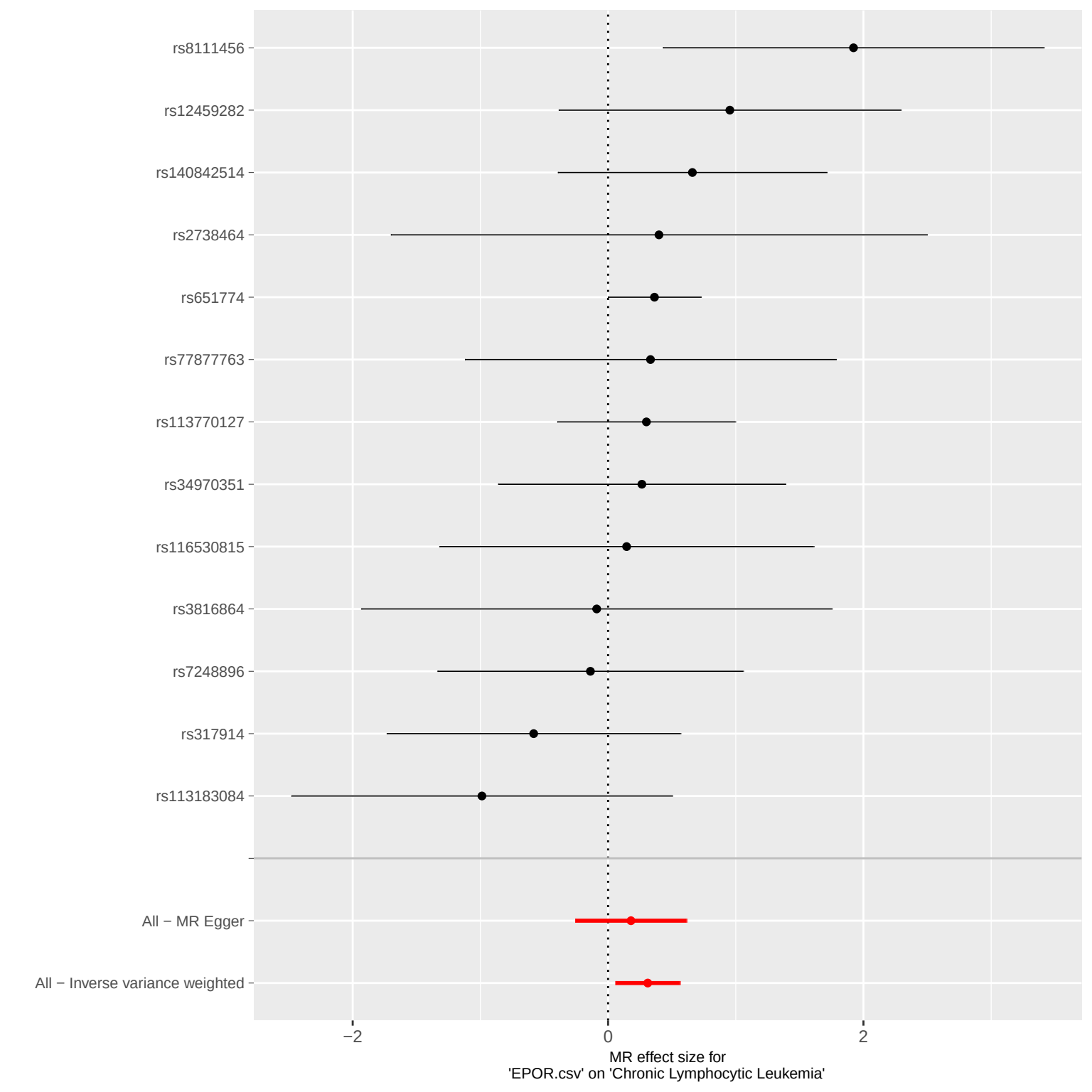
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'EPM2A.csv' on 'Chronic Lymphocytic Leukemia'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rs651774
rs77877763
rs113770127
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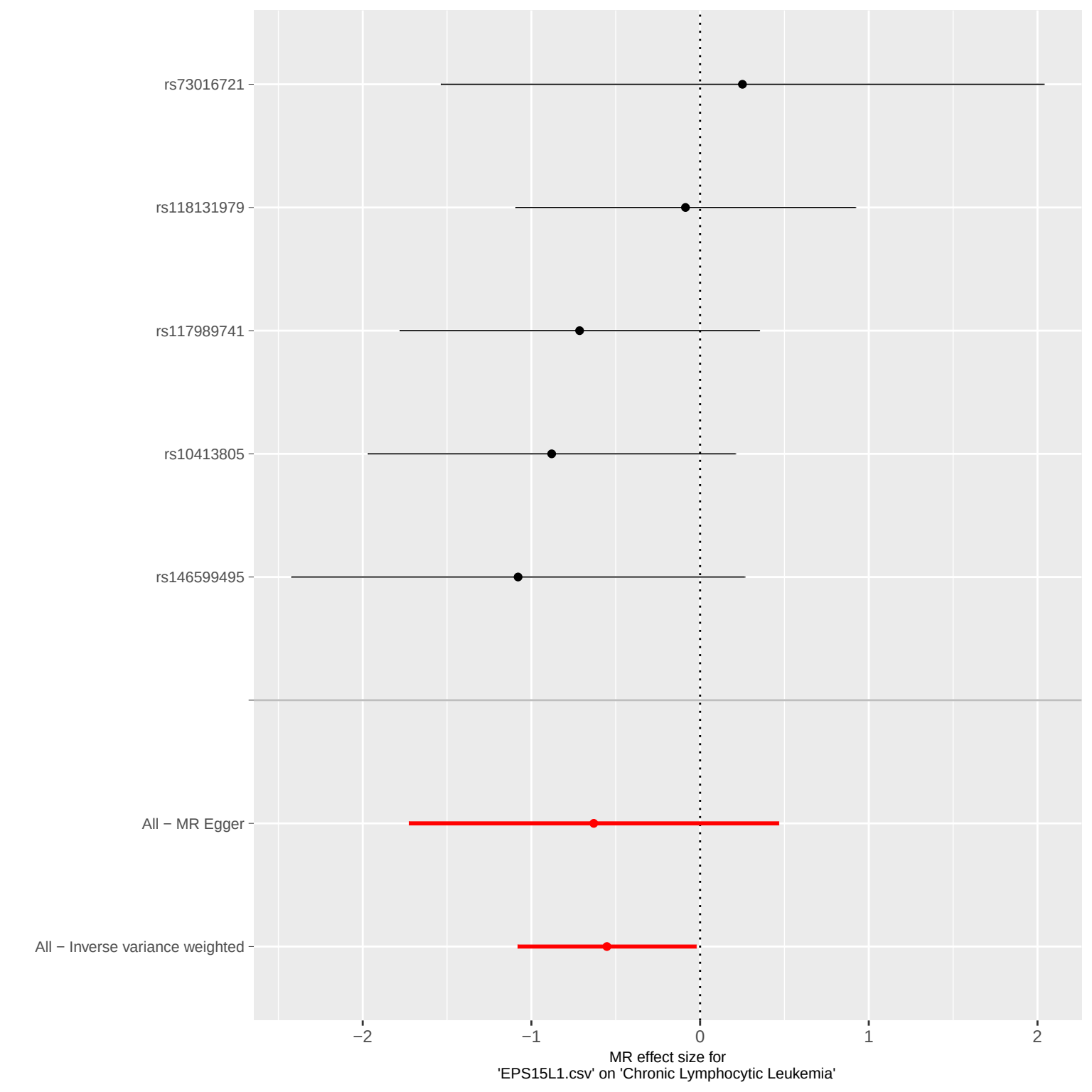
rs116530815
rs3816864
rs7248896
rs317914
rs113183084
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'EPOR.csv' on 'Chronic Lymphocytic Leukemia'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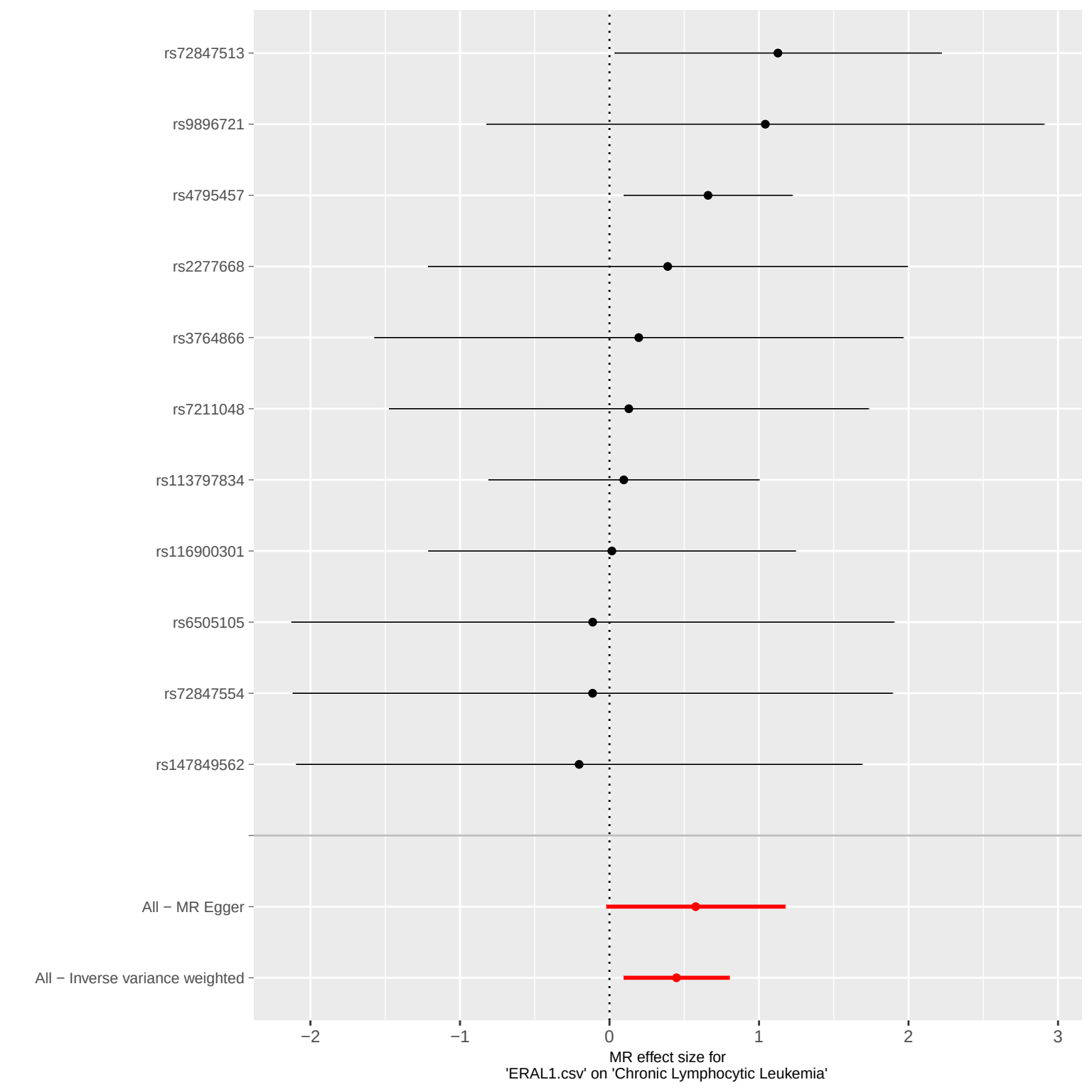
rs146599495
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'EPS15L1.csv' on 'Chronic Lymphocytic Leukemia'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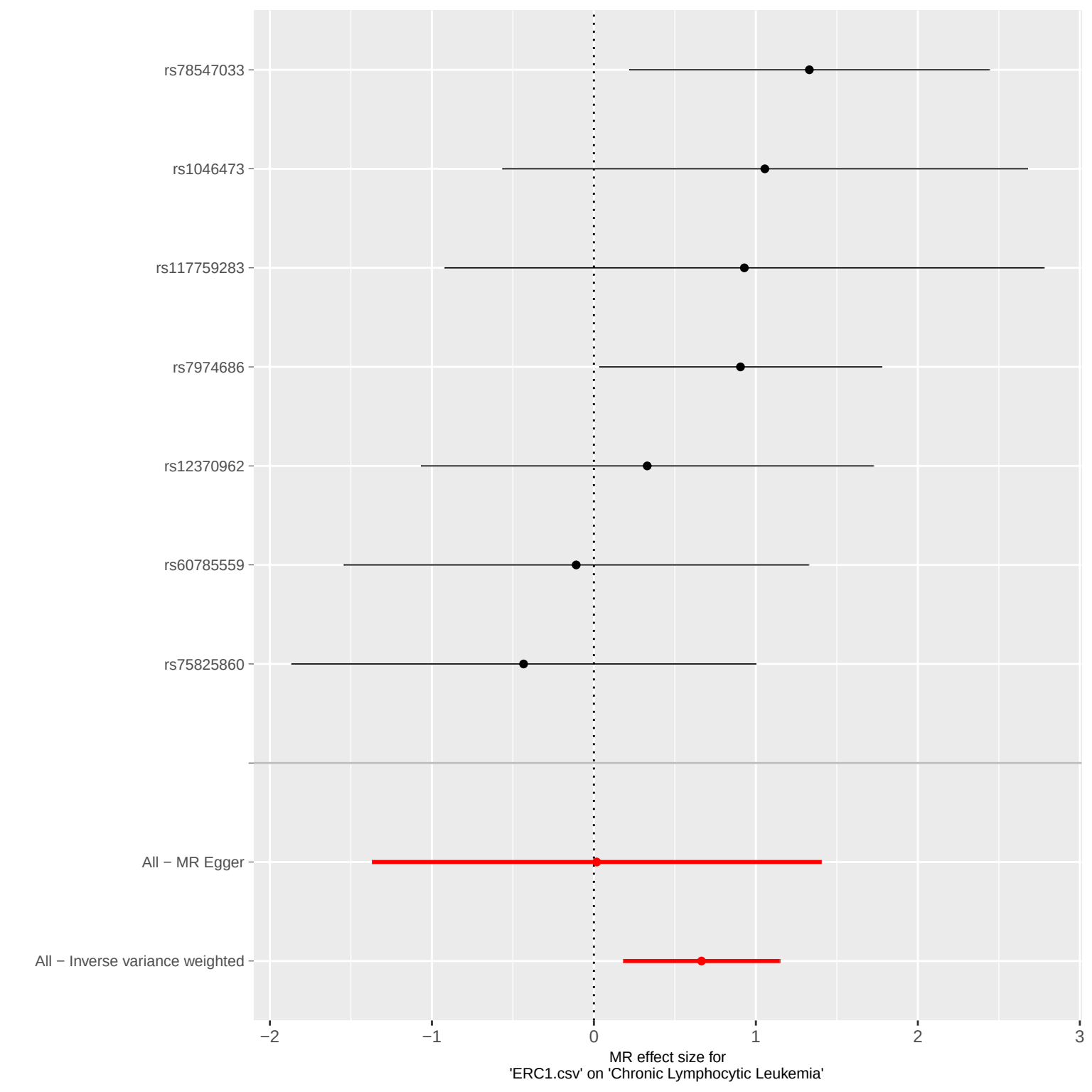
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ERAL1.csv' on 'Chronic Lymphocytic Leukemia'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rs7974686
rs12370962
rs60785559
rs75825860
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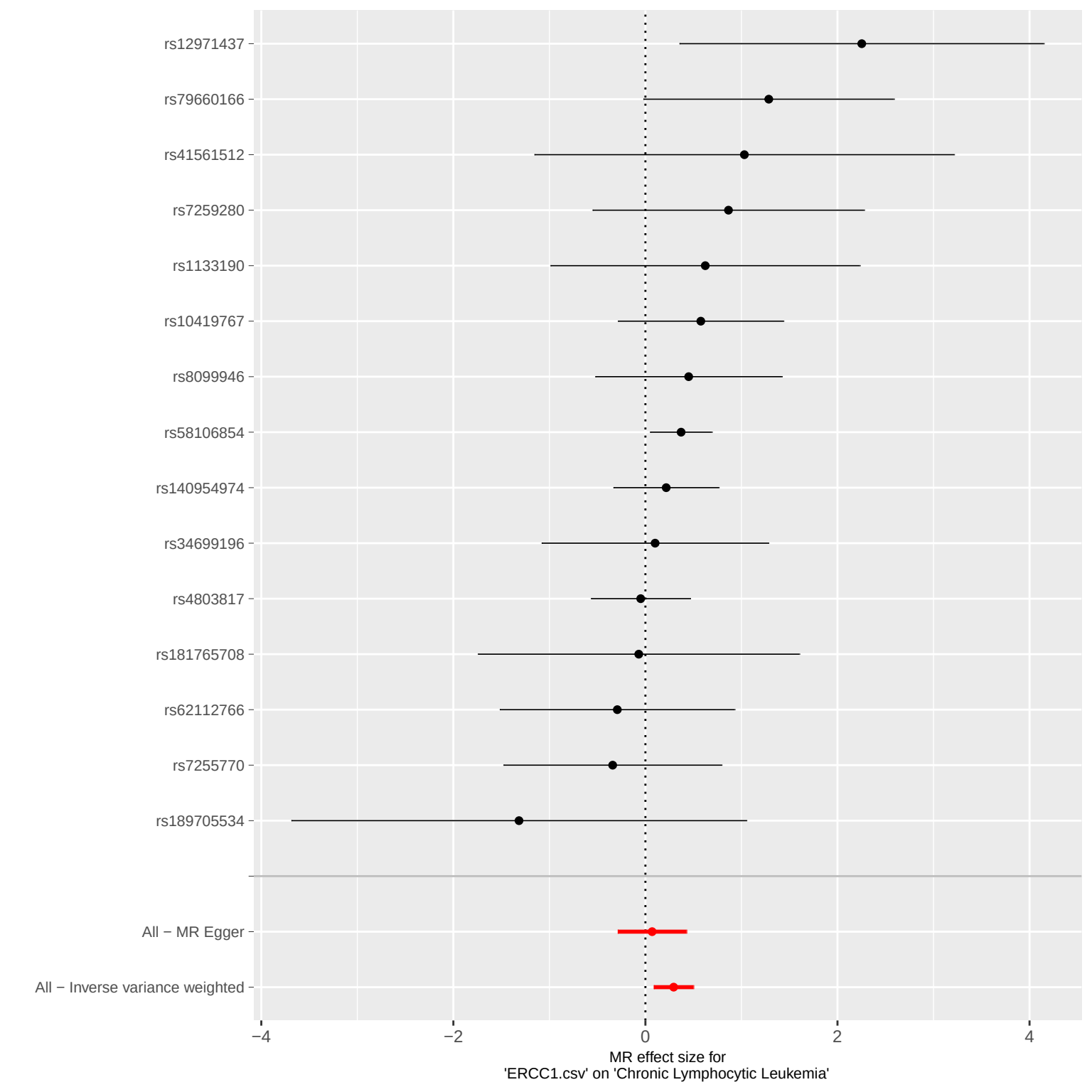
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ERC1.csv' on 'Chronic Lymphocytic Leukemia'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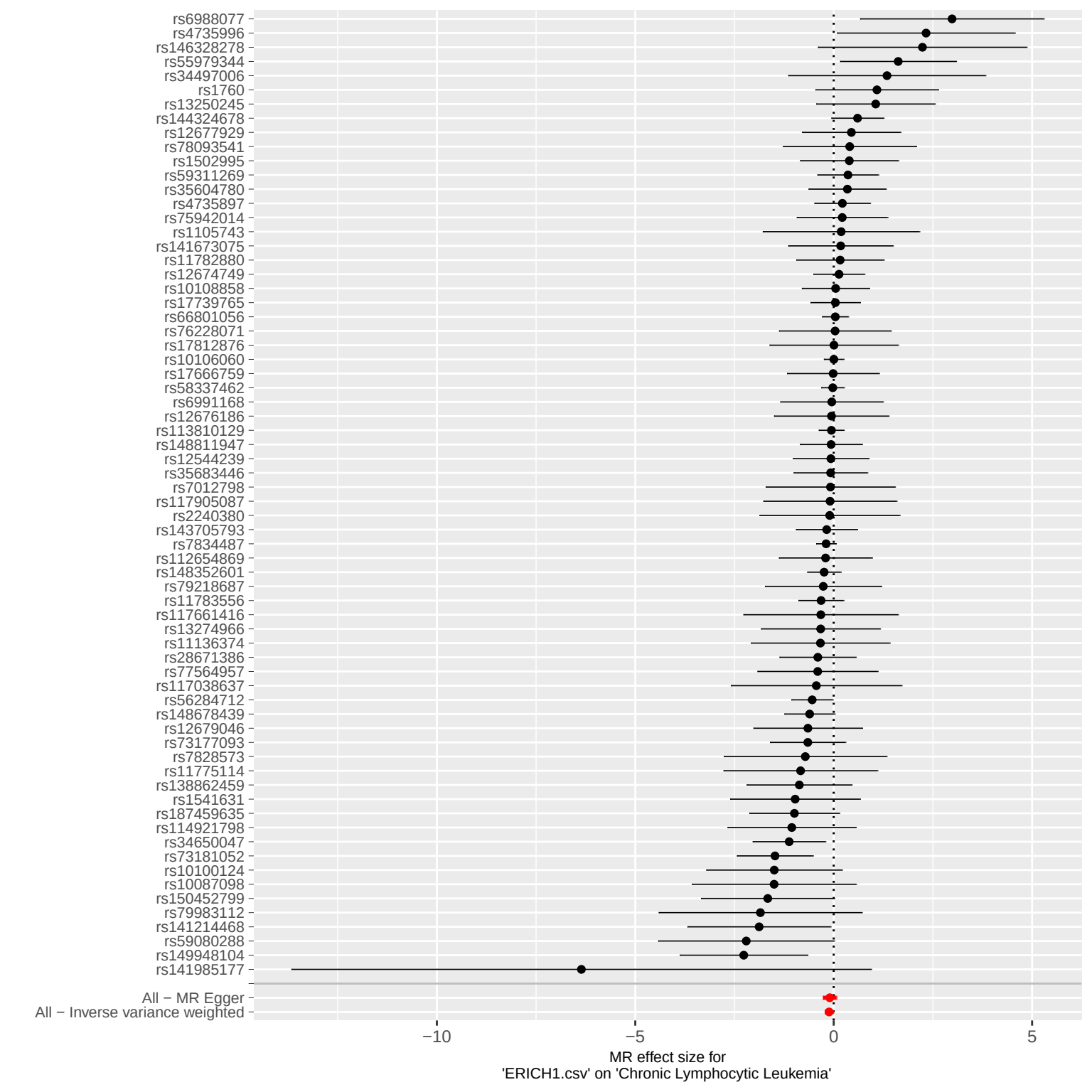
rs4803817
rs181765708
rs62112766
rs7255770
rs189705534
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ERCC1.csv' on 'Chronic Lymphocytic Leukemia'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rs79983112
rs141214468
rs59080288
rs149948104
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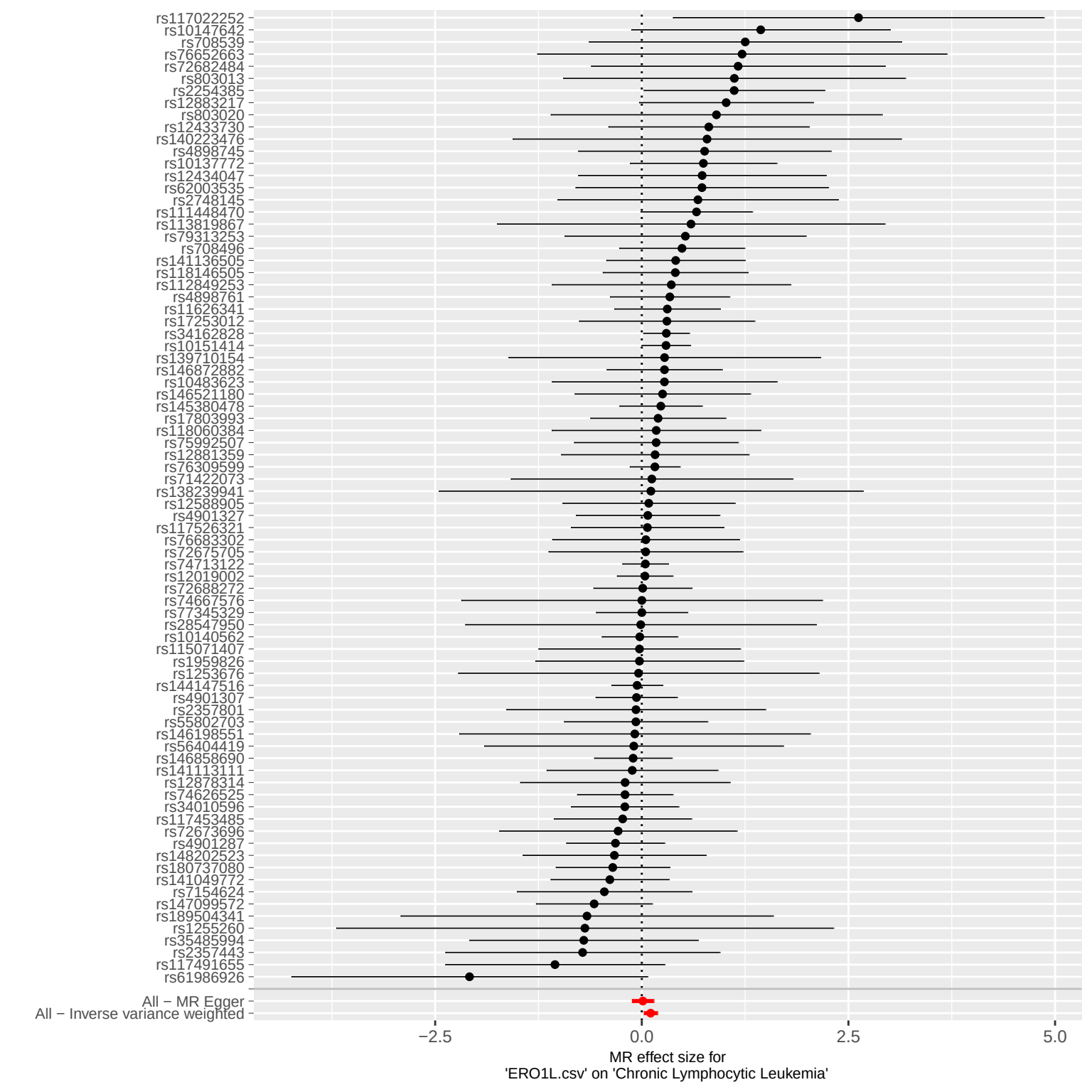
All − MR Egger
All − Inverse variance weighted
−10
−5
0
5
MR effect size for
'ERICH1.csv' on 'Chronic Lymphocytic Leukemia'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rs4901287
rs148202523
rs180737080
rs141049772
rs7154624
rs147099572
rs189504341
rs1255260
rs35485994
rs2357443
rs117491655
rs61986926
All − MR Egger
All − Inverse variance weighted
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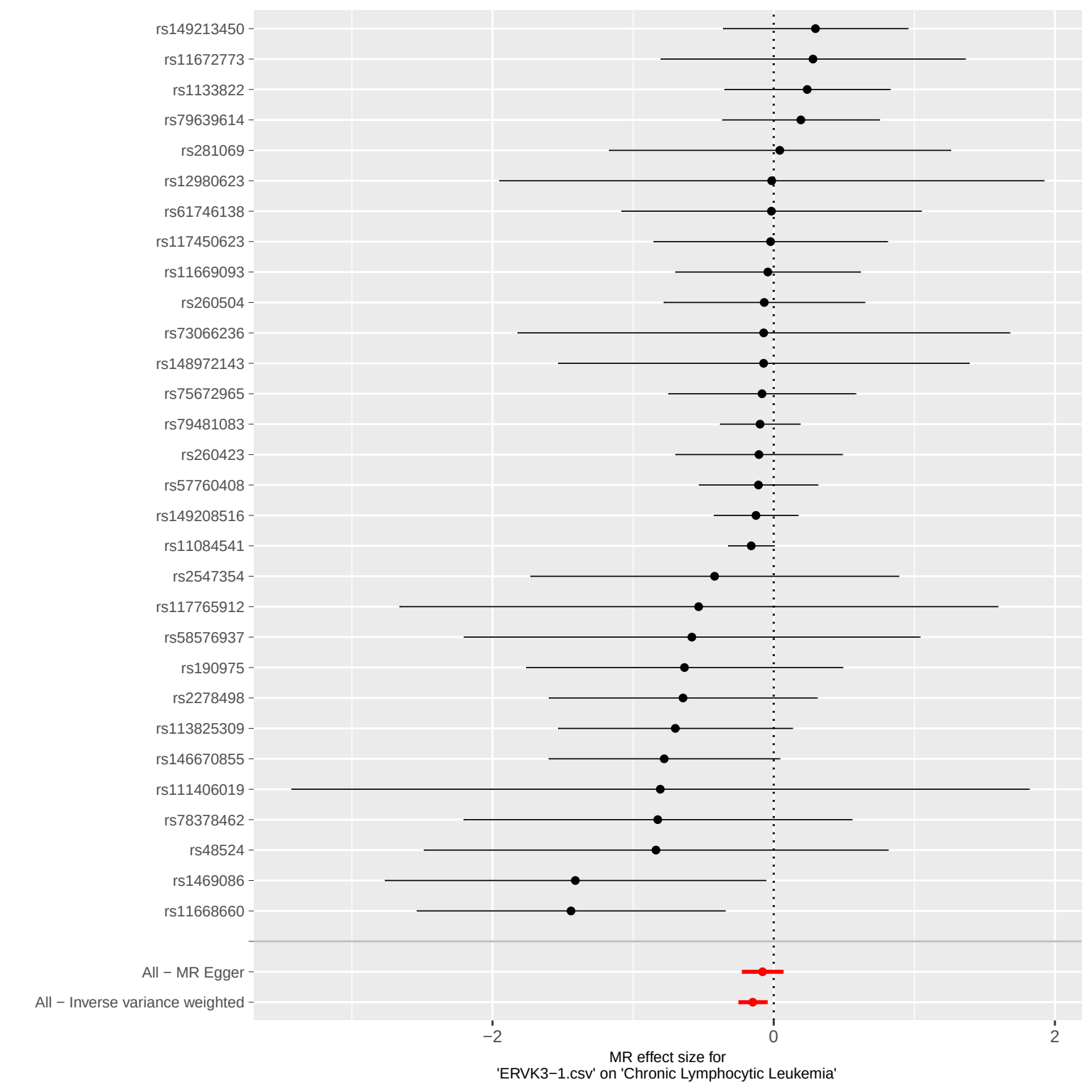
0.0
2.5
5.0
MR effect size for
'ERO1L.csv' on 'Chronic Lymphocytic Leukemia'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rs75672965
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rs57760408
rs149208516
rs11084541
rs2547354
rs117765912
rs58576937
rs190975
rs2278498
rs113825309
rs146670855
rs111406019
rs78378462
rs48524
rs1469086
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All − MR Egger
All − Inverse variance weighted
−2
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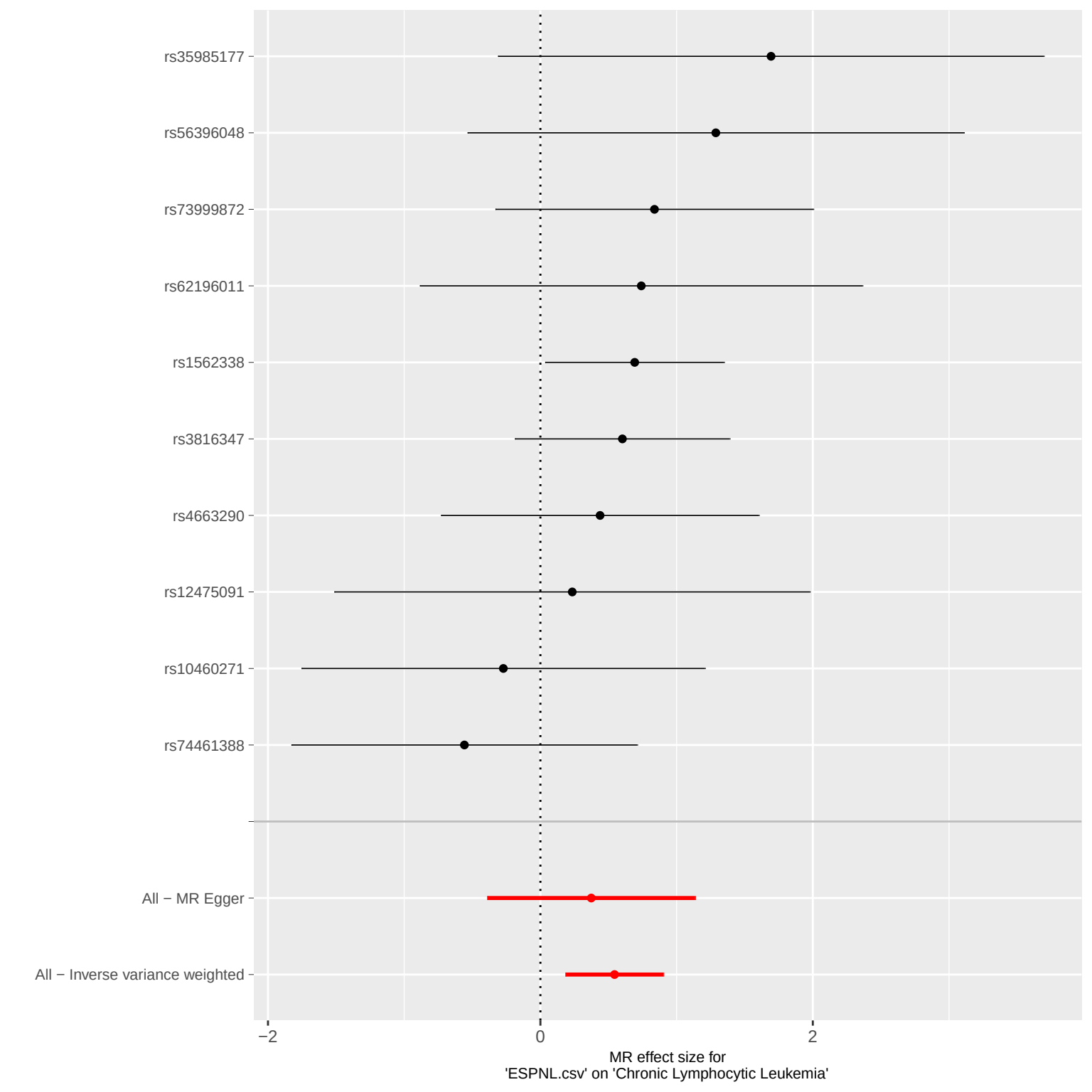
2
MR effect size for
'ERVK3−1.csv' on 'Chronic Lymphocytic Leukemia'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rs4663290
rs12475091
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All − MR Egger
All − Inverse variance weighted
−2
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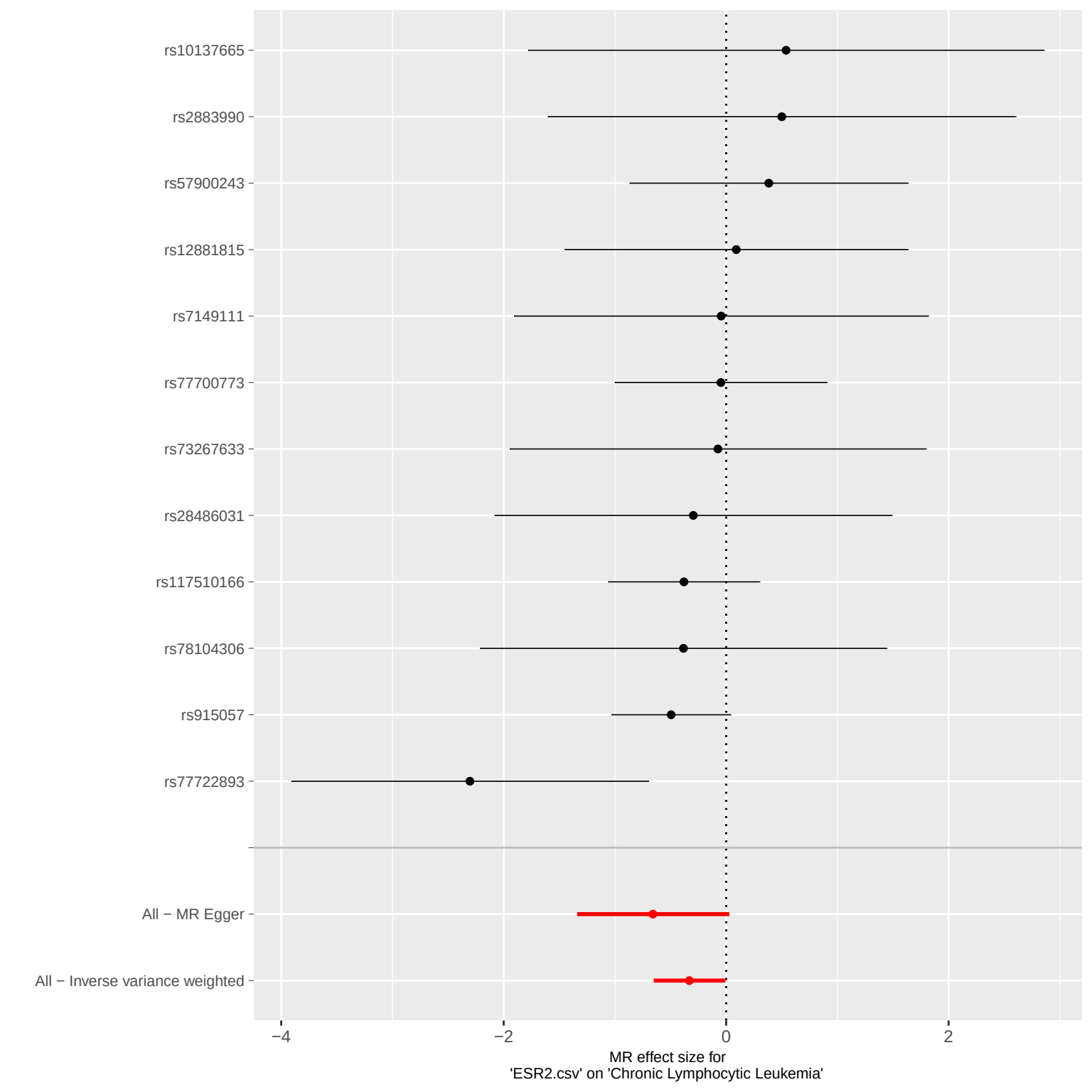
2
MR effect size for
'ESPNL.csv' on 'Chronic Lymphocytic Leukemia'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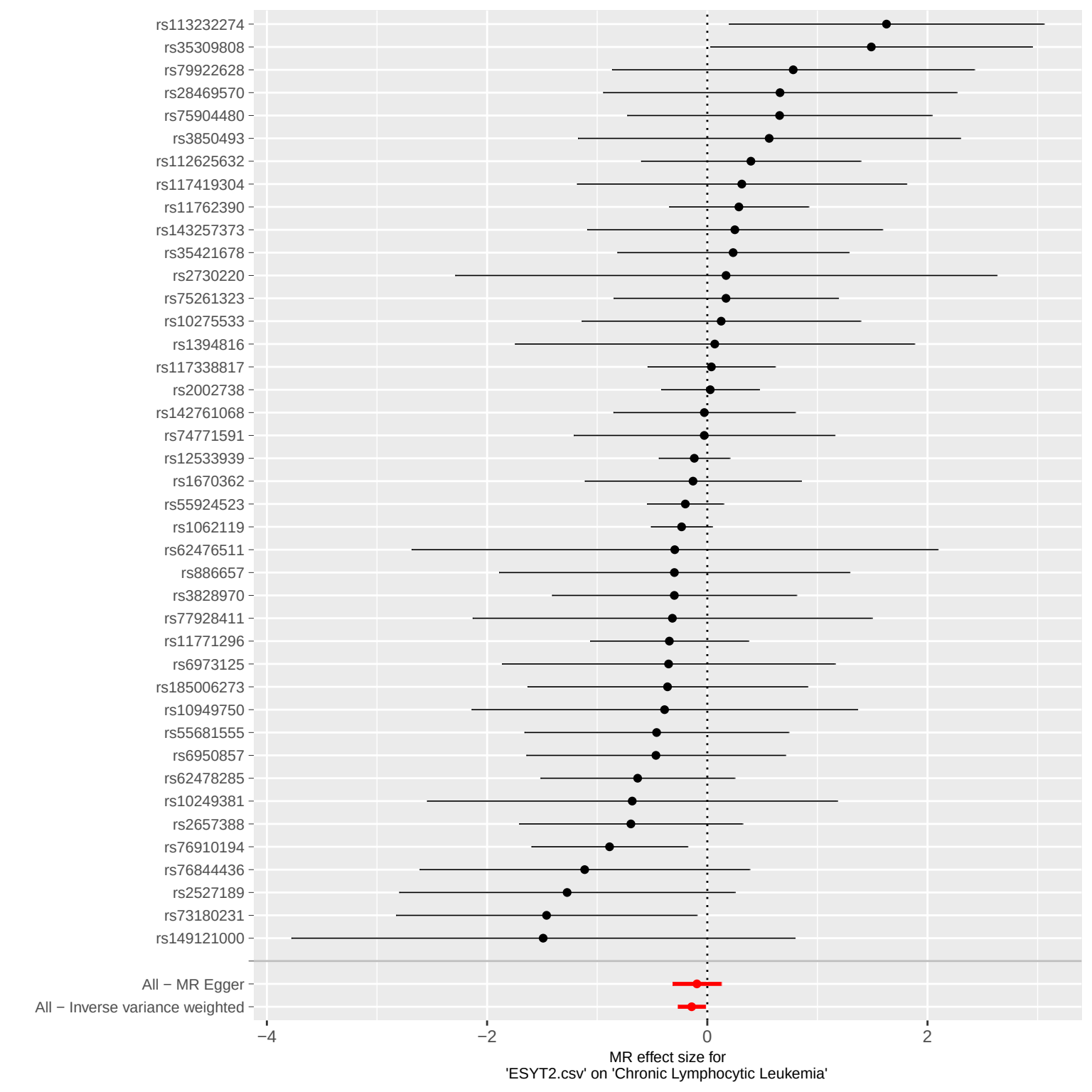
rs12881815
rs7149111
rs77700773
rs73267633
rs28486031
rs117510166
rs78104306
rs915057
rs77722893
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ESR2.csv' on 'Chronic Lymphocytic Leukemia'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rs55681555
rs6950857
rs62478285
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rs2657388
rs76910194
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rs73180231
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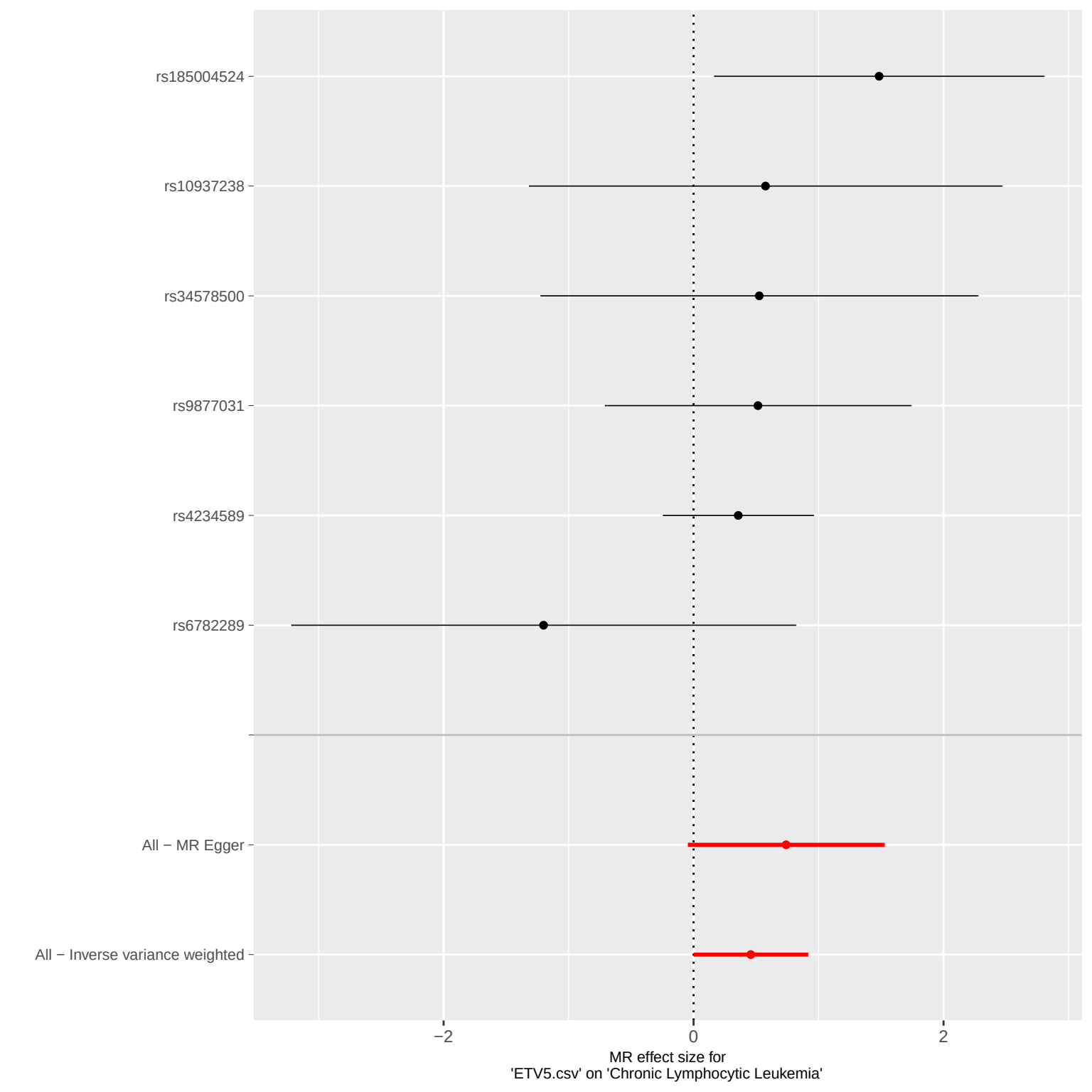
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ESYT2.csv' on 'Chronic Lymphocytic Leukemia'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rs9877031
rs4234589
rs6782289
All − MR Egger
All − Inverse variance weighted
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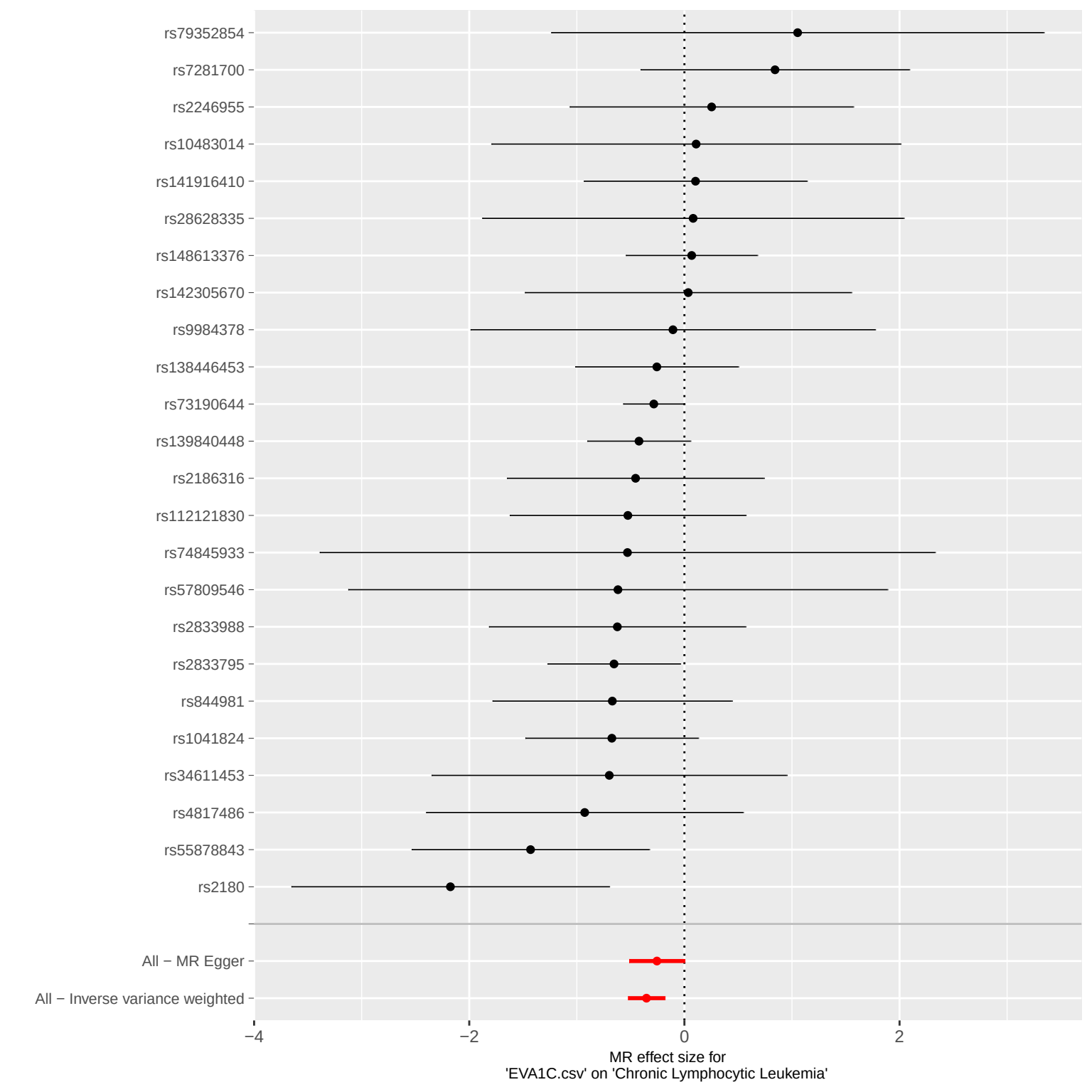
MR effect size for
'ETV5.csv' on 'Chronic Lymphocytic Leukemia'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rs139840448
rs2186316
rs112121830
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rs2833988
rs2833795
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rs4817486
rs55878843
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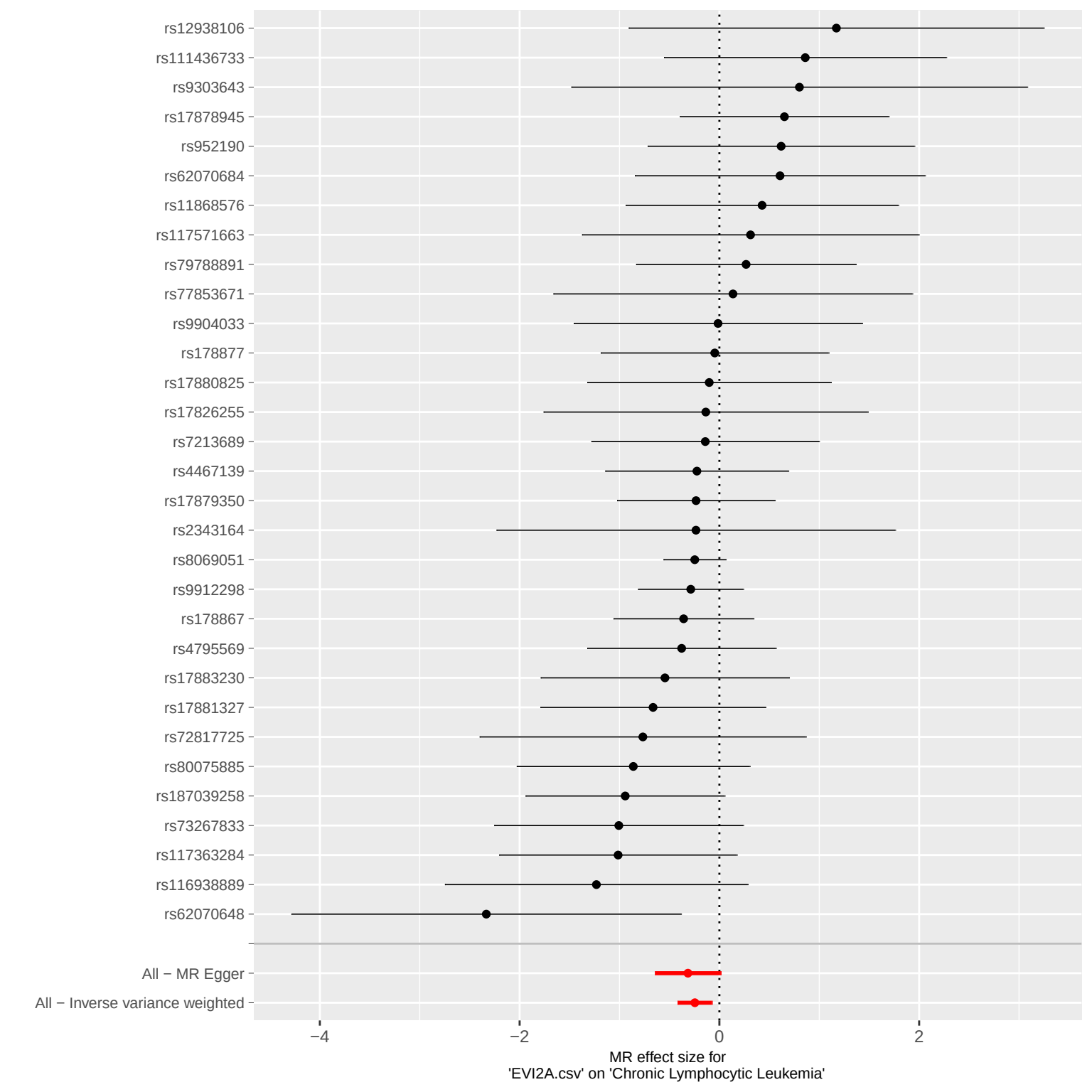
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'EVA1C.csv' on 'Chronic Lymphocytic Leukemia'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rs8069051
rs9912298
rs178867
rs4795569
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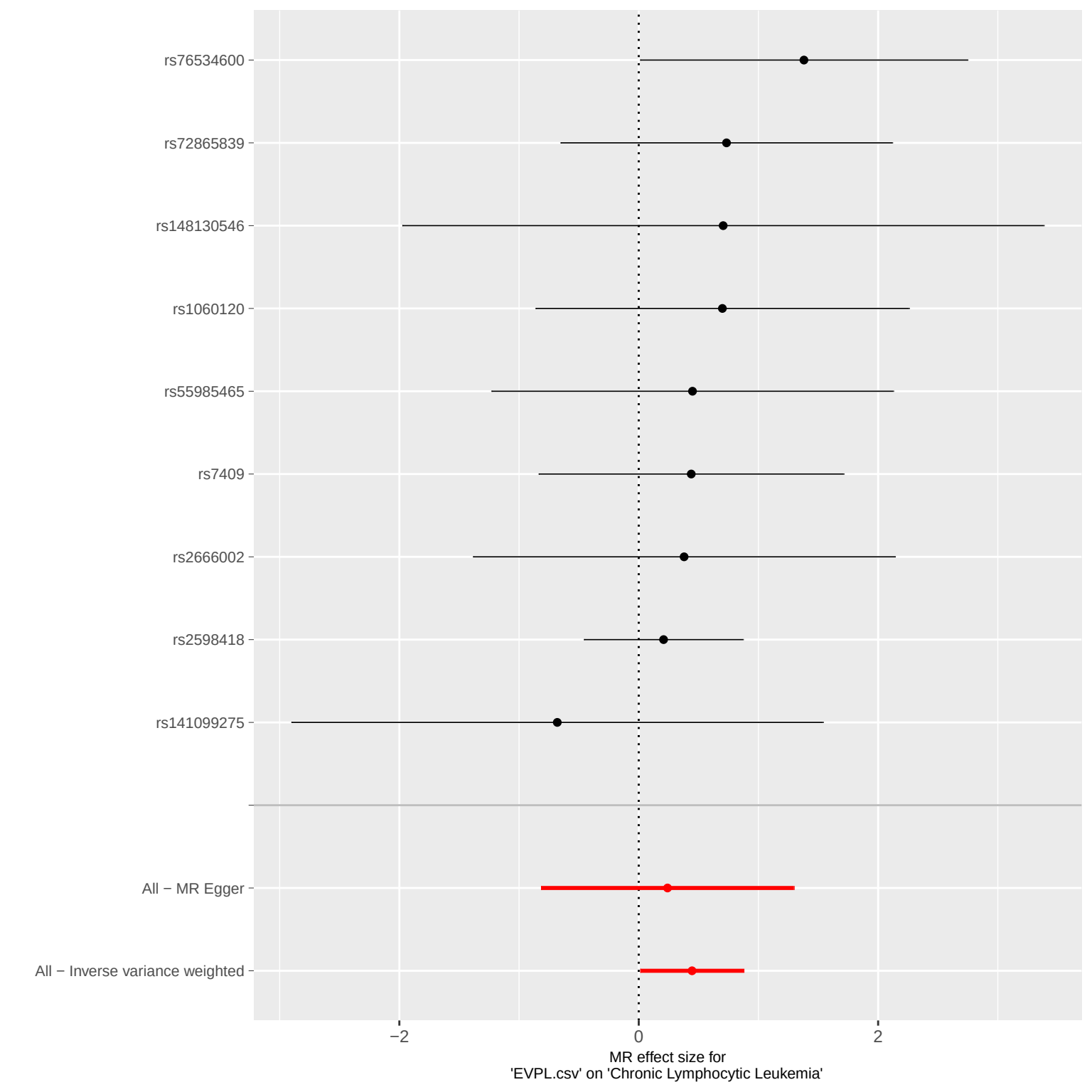
rs80075885
rs187039258
rs73267833
rs117363284
rs116938889
rs62070648
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'EVI2A.csv' on 'Chronic Lymphocytic Leukemia'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rs72865839
rs148130546
rs1060120
rs55985465
rs7409
rs2666002
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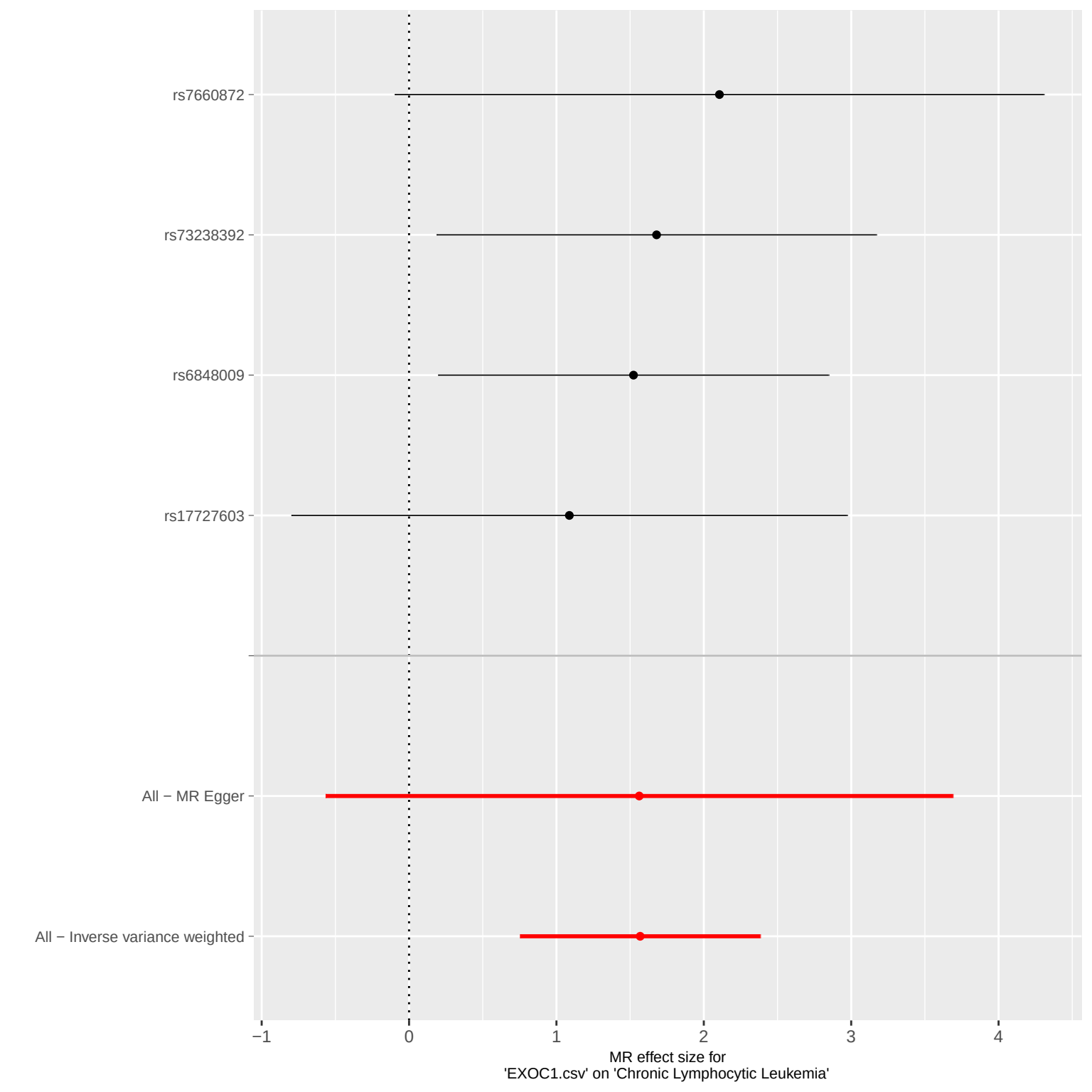
rs141099275
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'EVPL.csv' on 'Chronic Lymphocytic Leukemia'


rs7660872
rs73238392
rs6848009
rs17727603
All − MR Egger
All − Inverse variance weighted
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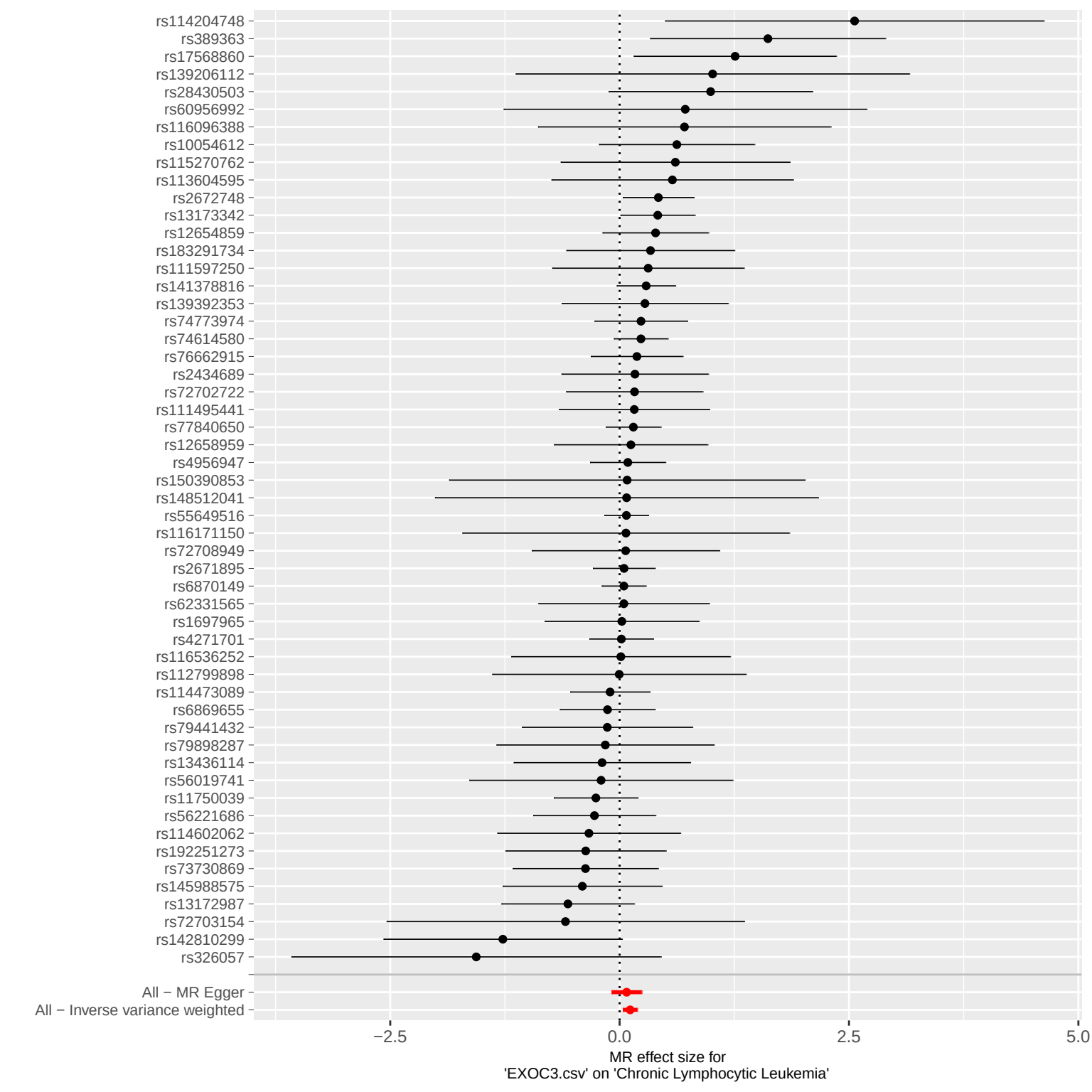
0
1
2
3
4
MR effect size for
'EXOC1.csv' on 'Chronic Lymphocytic Leukemia'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rs114602062
rs192251273
rs73730869
rs145988575
rs13172987
rs72703154
rs142810299
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All − MR Egger
All − Inverse variance weighted
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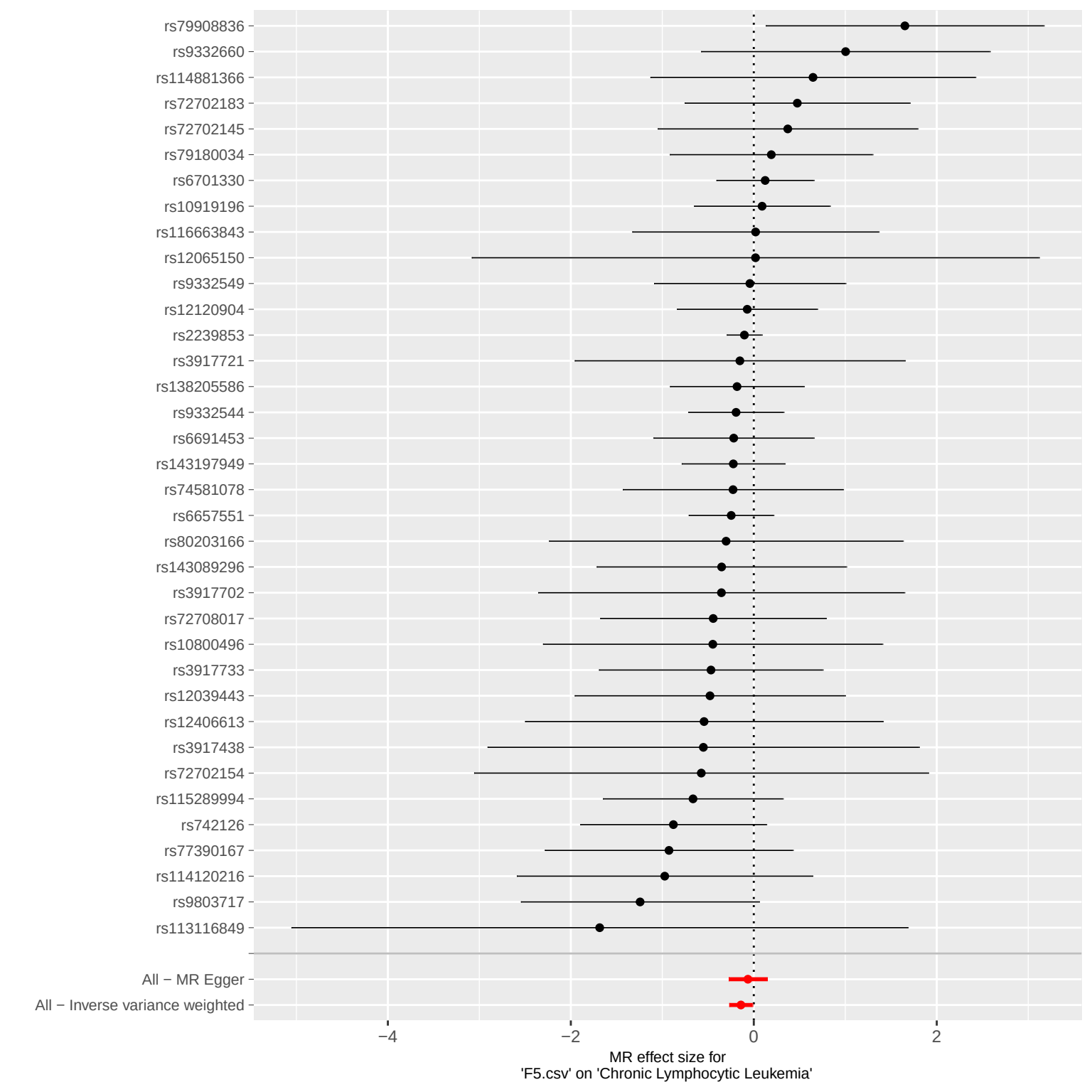
0.0
2.5
5.0
MR effect size for
'EXOC3.csv' on 'Chronic Lymphocytic Leukemia'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rs143089296
rs3917702
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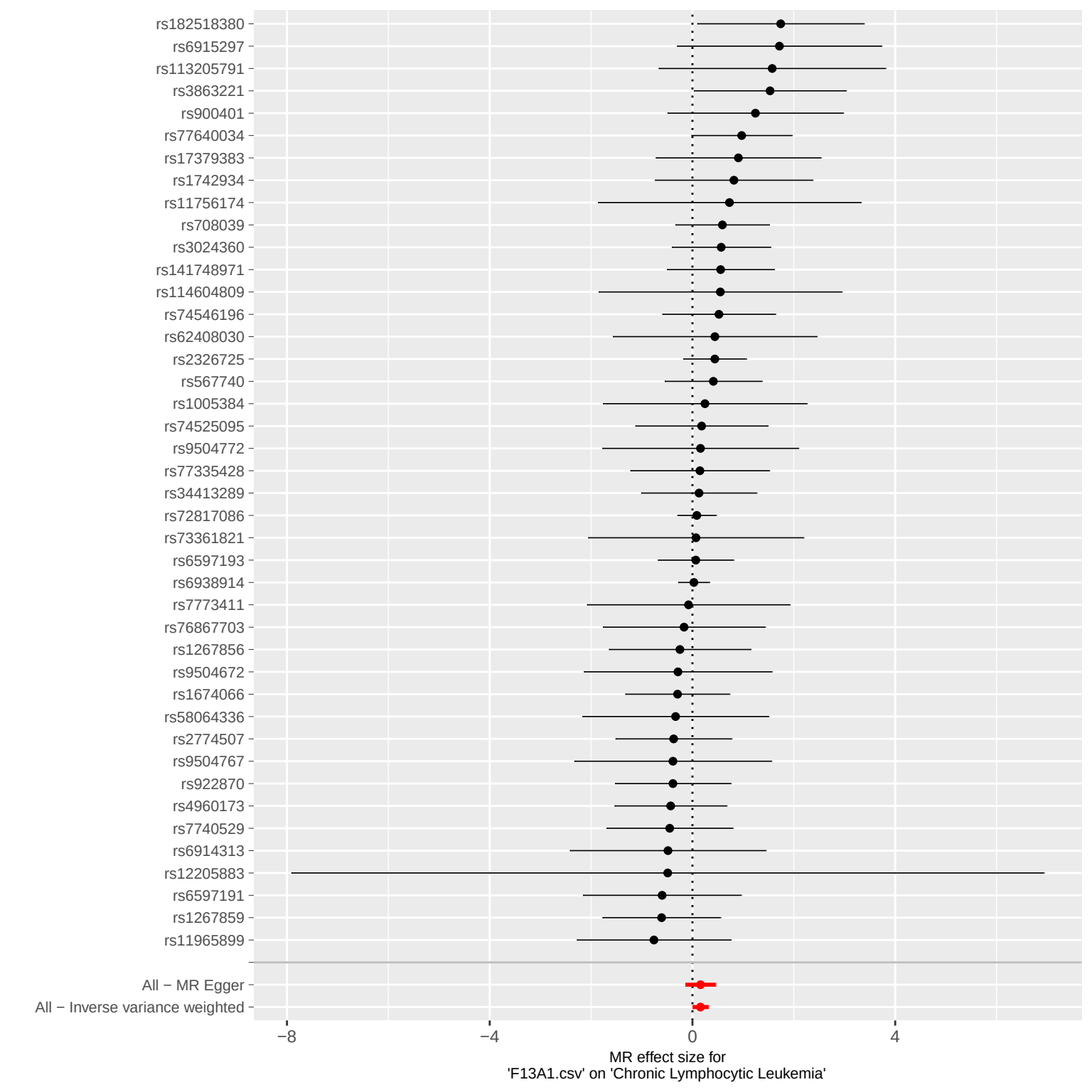
rs10800496
rs3917733
rs12039443
rs12406613
rs3917438
rs72702154
rs115289994
rs742126
rs77390167
rs114120216
rs9803717
rs113116849
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'F5.csv' on 'Chronic Lymphocytic Leukemia'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rs2326725
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rs6938914
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rs76867703
rs1267856
rs9504672
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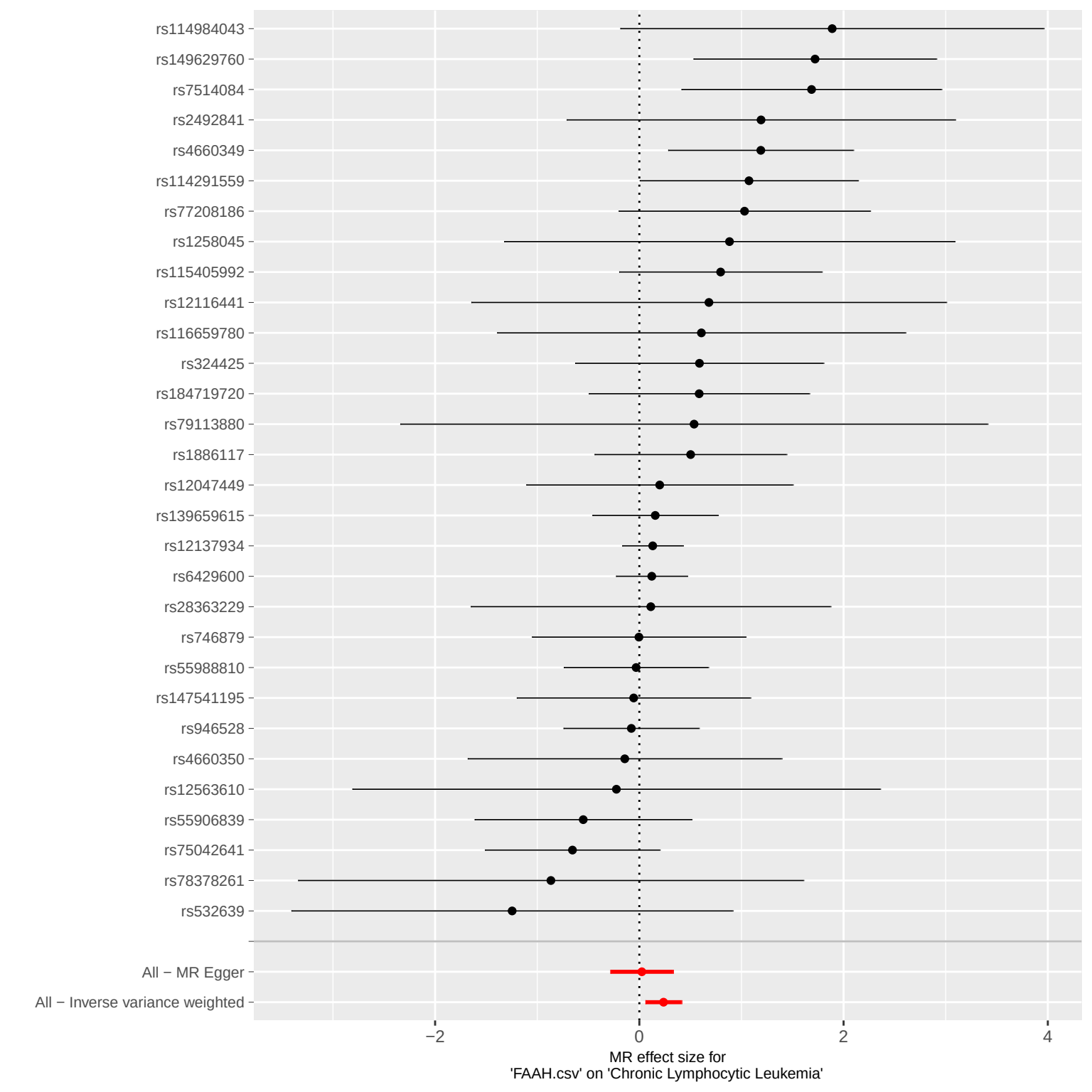
rs58064336
rs2774507
rs9504767
rs922870
rs4960173
rs7740529
rs6914313
rs12205883
rs6597191
rs1267859
rs11965899
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'F13A1.csv' on 'Chronic Lymphocytic Leukemia'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rs4660349
rs114291559
rs77208186
rs1258045
rs115405992
rs12116441
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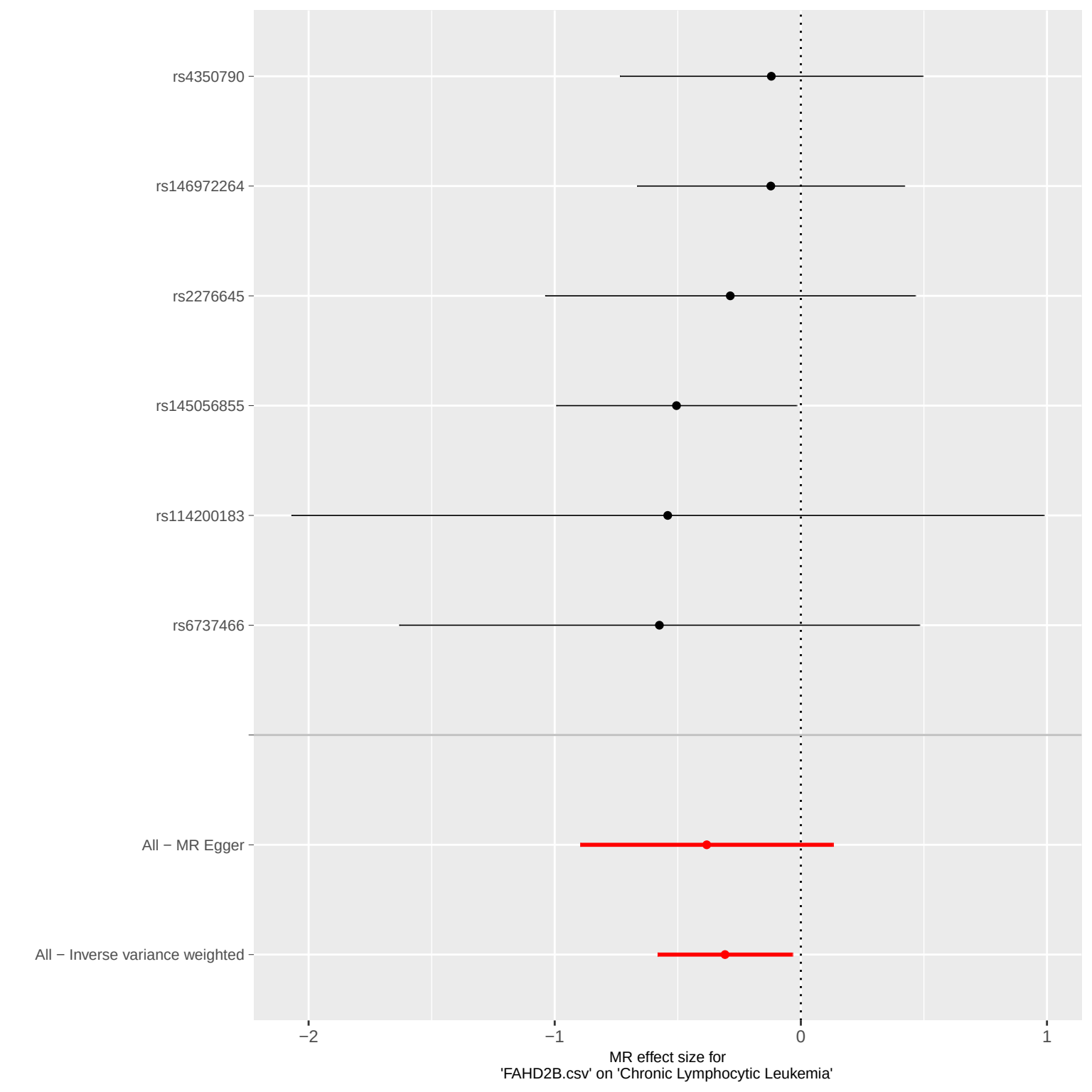
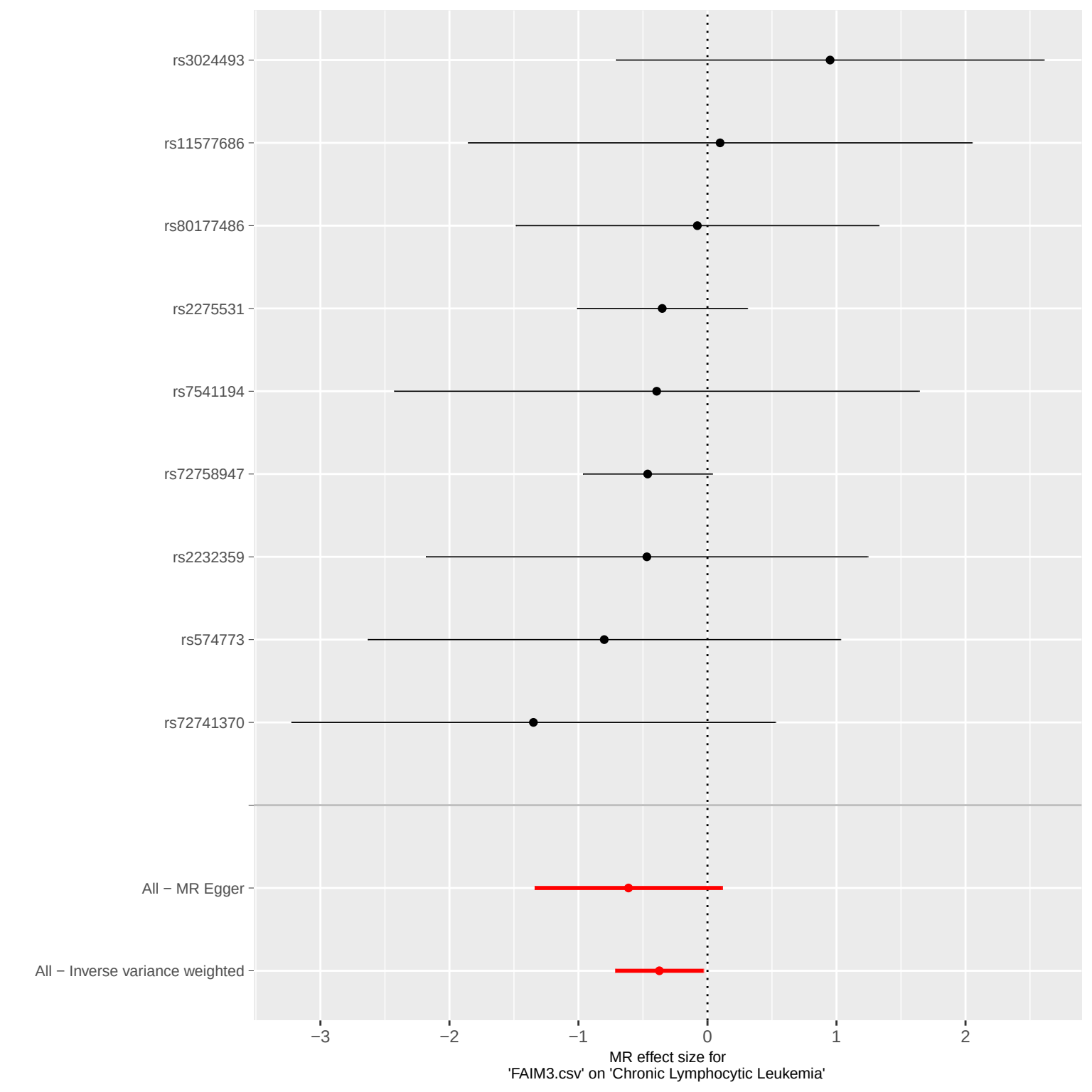
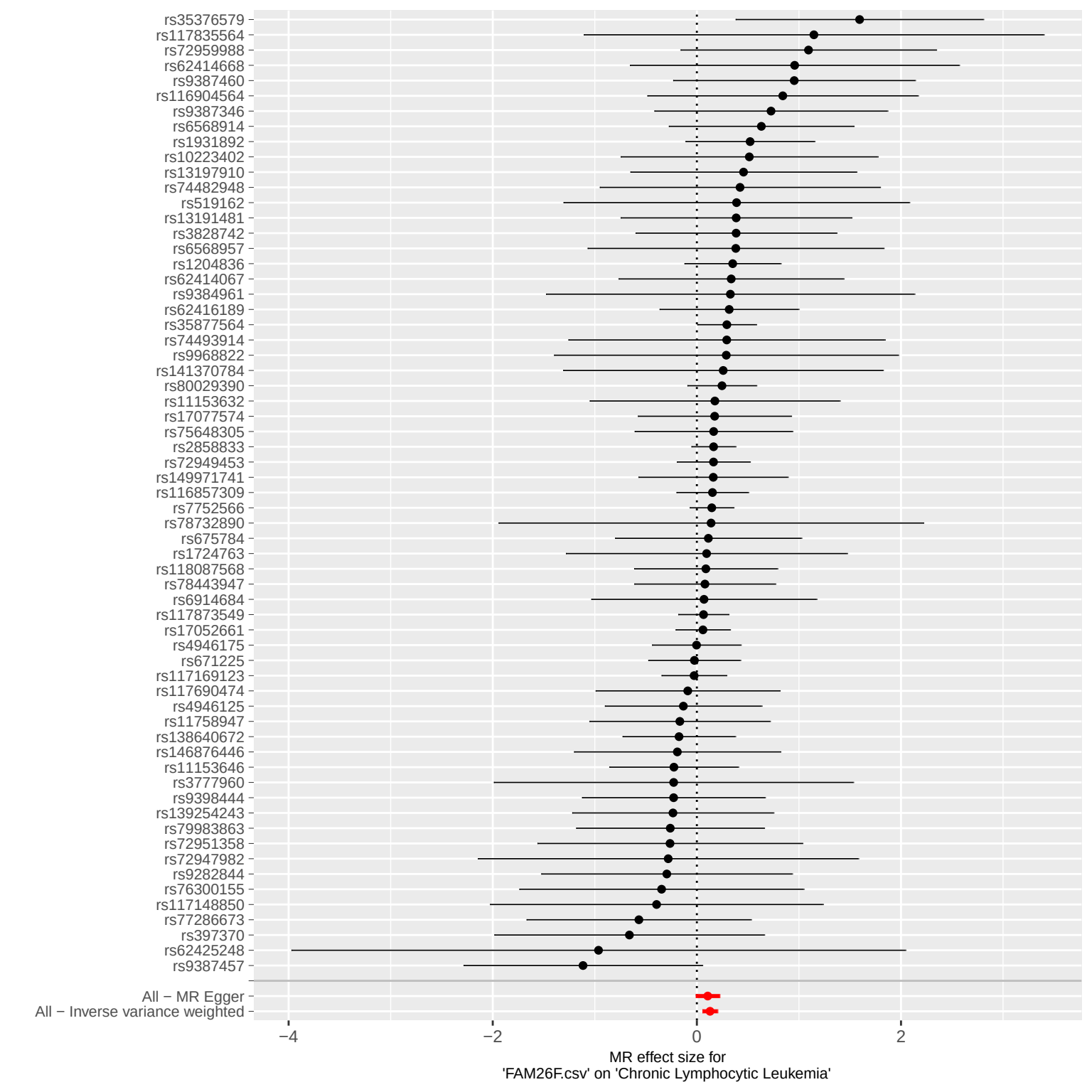
rs324425
rs184719720
rs79113880
rs1886117
rs12047449
rs139659615
rs12137934
rs6429600
rs28363229
rs746879
rs55988810
rs147541195
rs946528
rs4660350
rs12563610
rs55906839
rs75042641
rs78378261
rs532639
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FAAH.csv' on 'Chronic Lymphocytic Leukemia'


rs4350790
rs146972264
rs2276645
rs145056855
rs114200183
rs6737466
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'FAHD2B.csv' on 'Chronic Lymphocytic Leukemia'


rs3024493
rs11577686
rs80177486
rs2275531
rs7541194
rs72758947
rs2232359
rs574773
rs72741370
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'FAIM3.csv' on 'Chronic Lymphocytic Leukemia'


rs35376579
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rs62414668
rs9387460
rs116904564
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rs6568914
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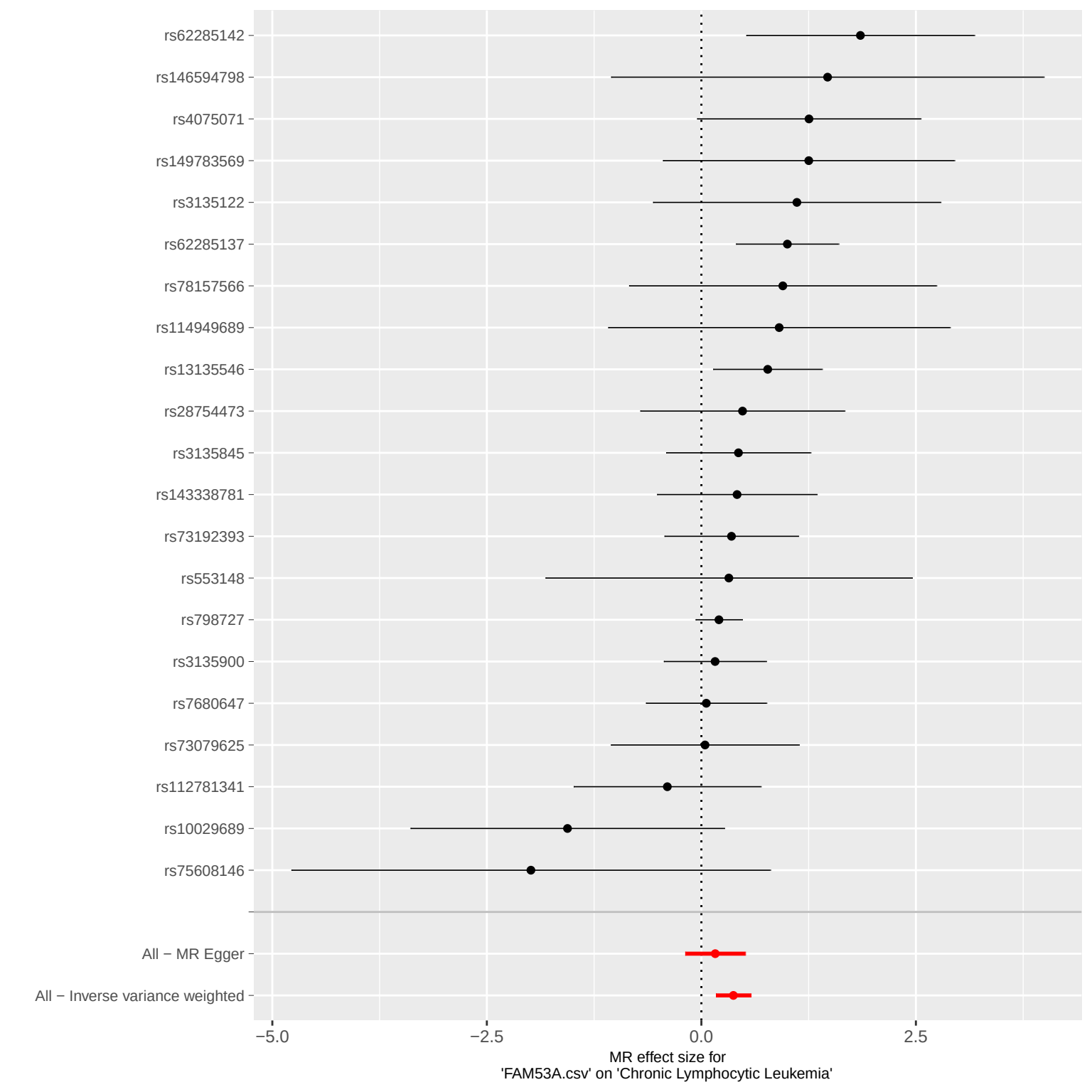
rs10223402
rs13197910
rs74482948
rs519162
rs13191481
rs3828742
rs6568957
rs1204836
rs62414067
rs9384961
rs62416189
rs35877564
rs74493914
rs9968822
rs141370784
rs80029390
rs11153632
rs17077574
rs75648305
rs2858833
rs72949453
rs149971741
rs116857309
rs7752566
rs78732890
rs675784
rs1724763
rs118087568
rs78443947
rs6914684
rs117873549
rs17052661
rs4946175
rs671225
rs117169123
rs117690474
rs4946125
rs11758947
rs138640672
rs146876446
rs11153646
rs3777960
rs9398444
rs139254243
rs79983863
rs72951358
rs72947982
rs9282844
rs76300155
rs117148850
rs77286673
rs397370
rs62425248
rs9387457
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAM26F.csv' on 'Chronic Lymphocytic Leukemia'


rs62285142
rs146594798
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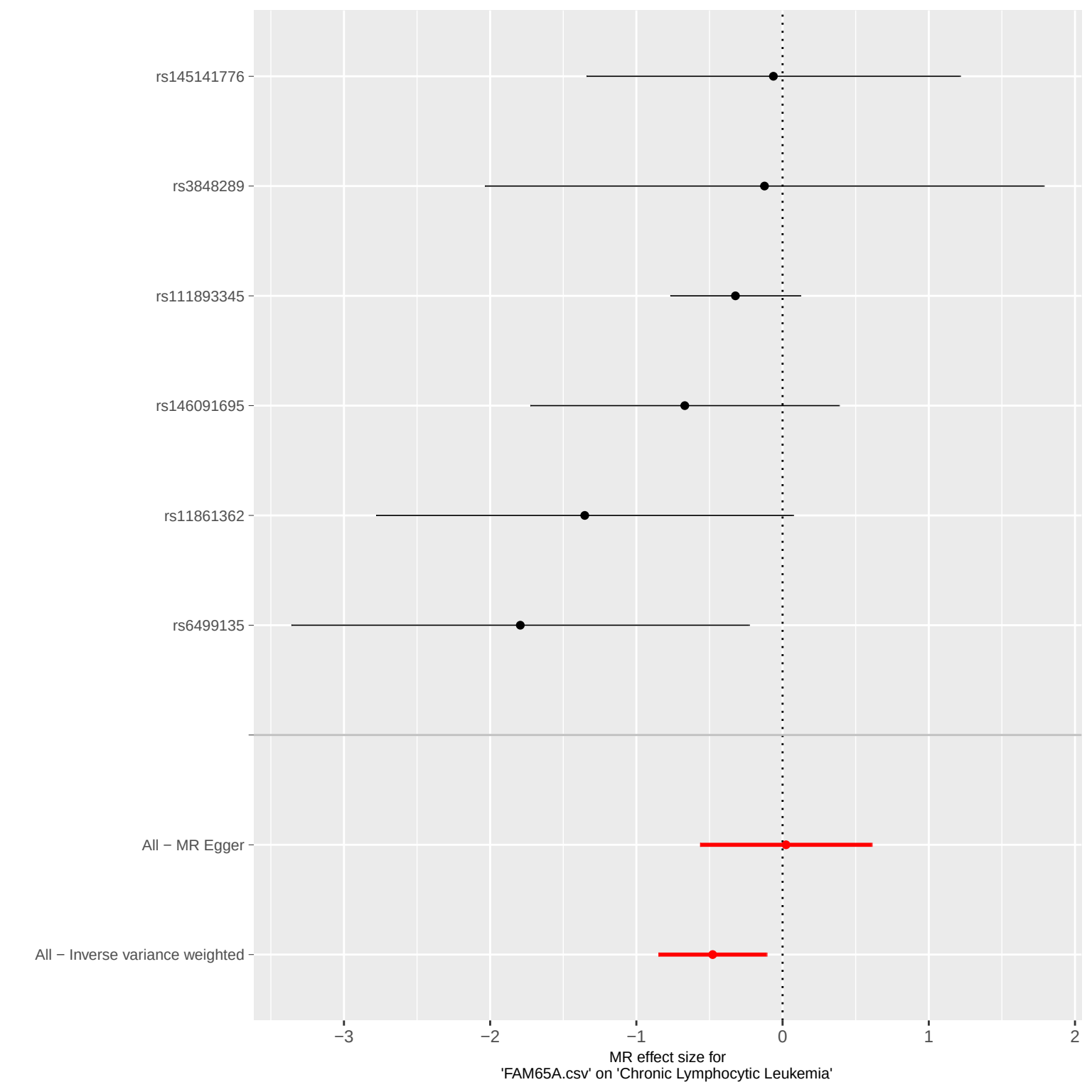
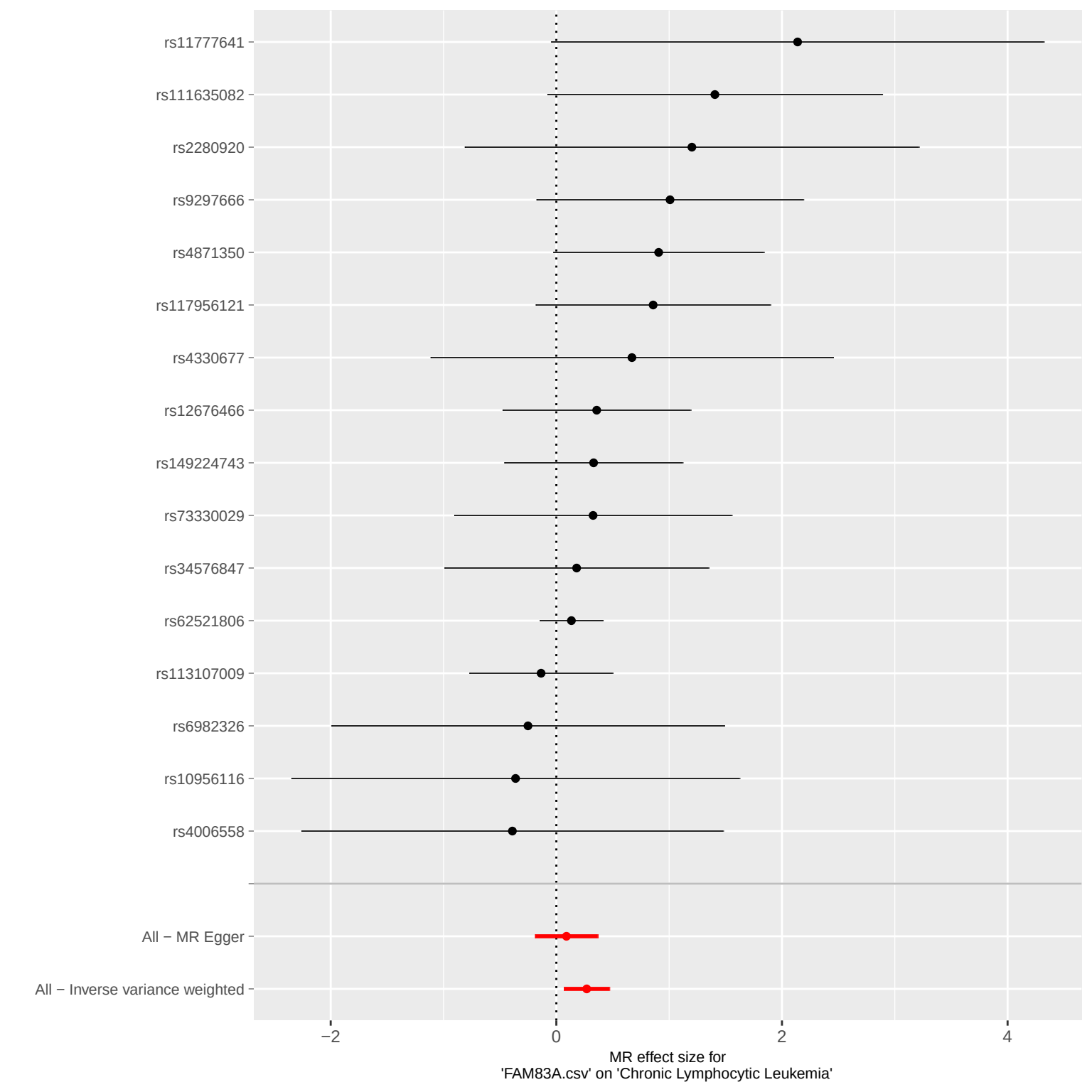
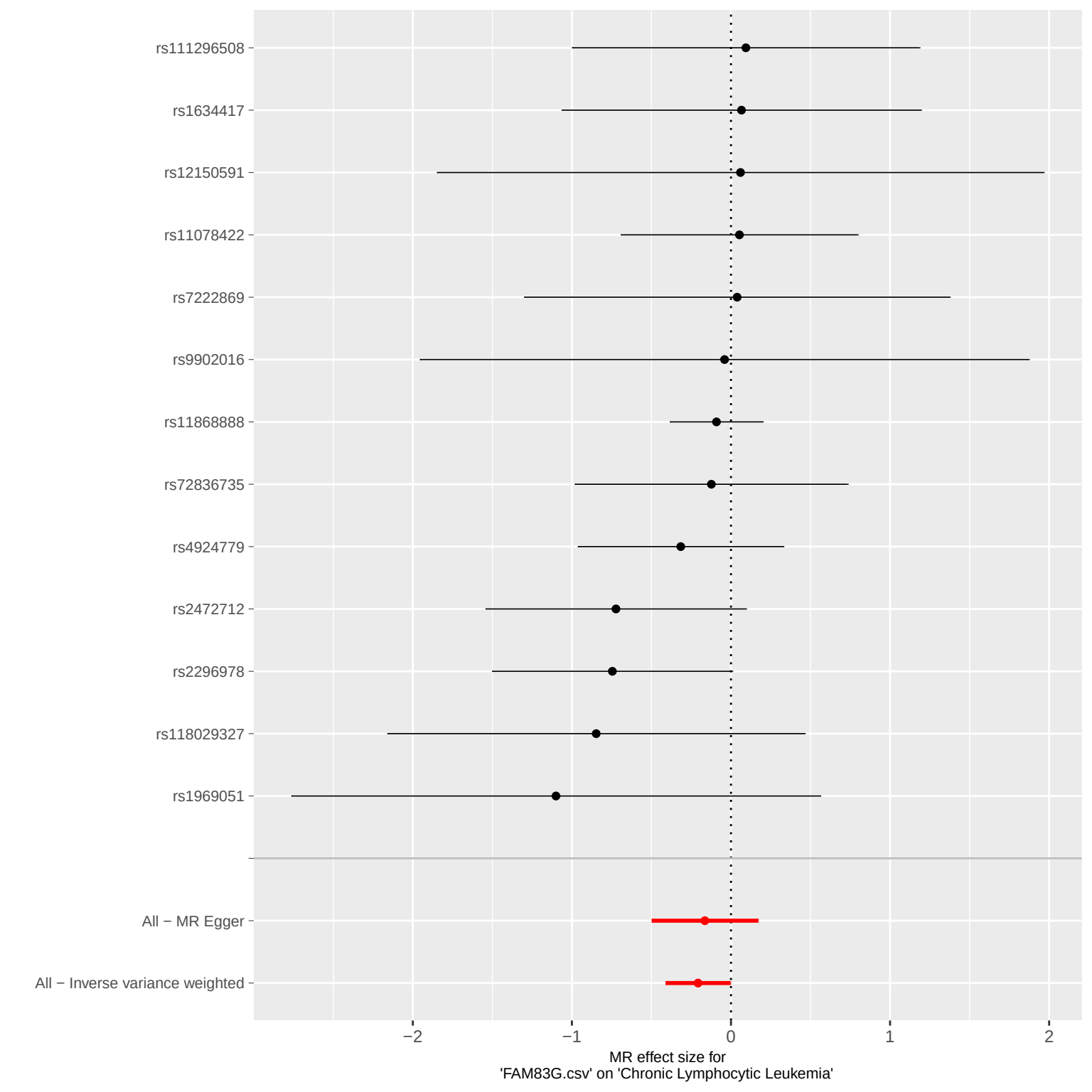
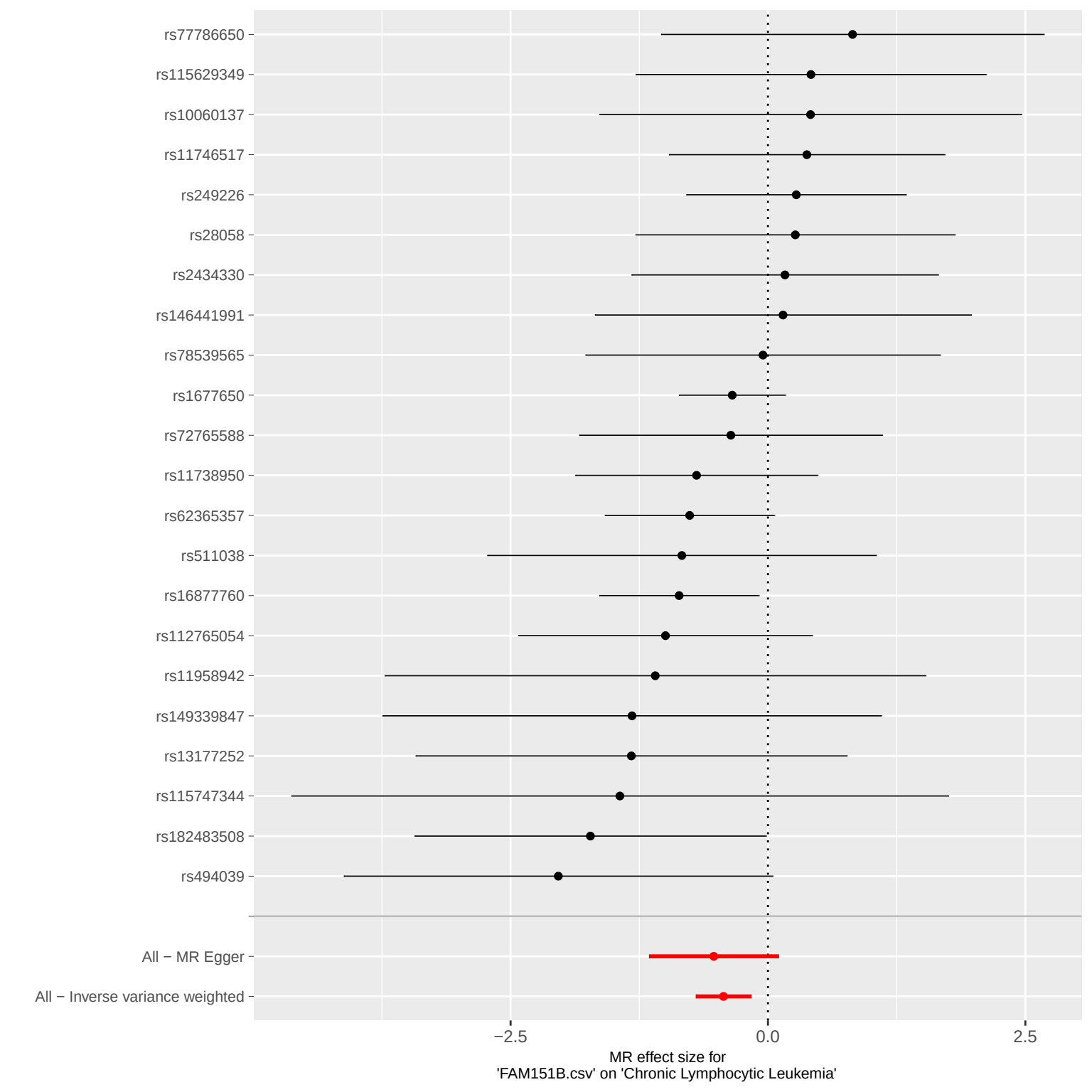
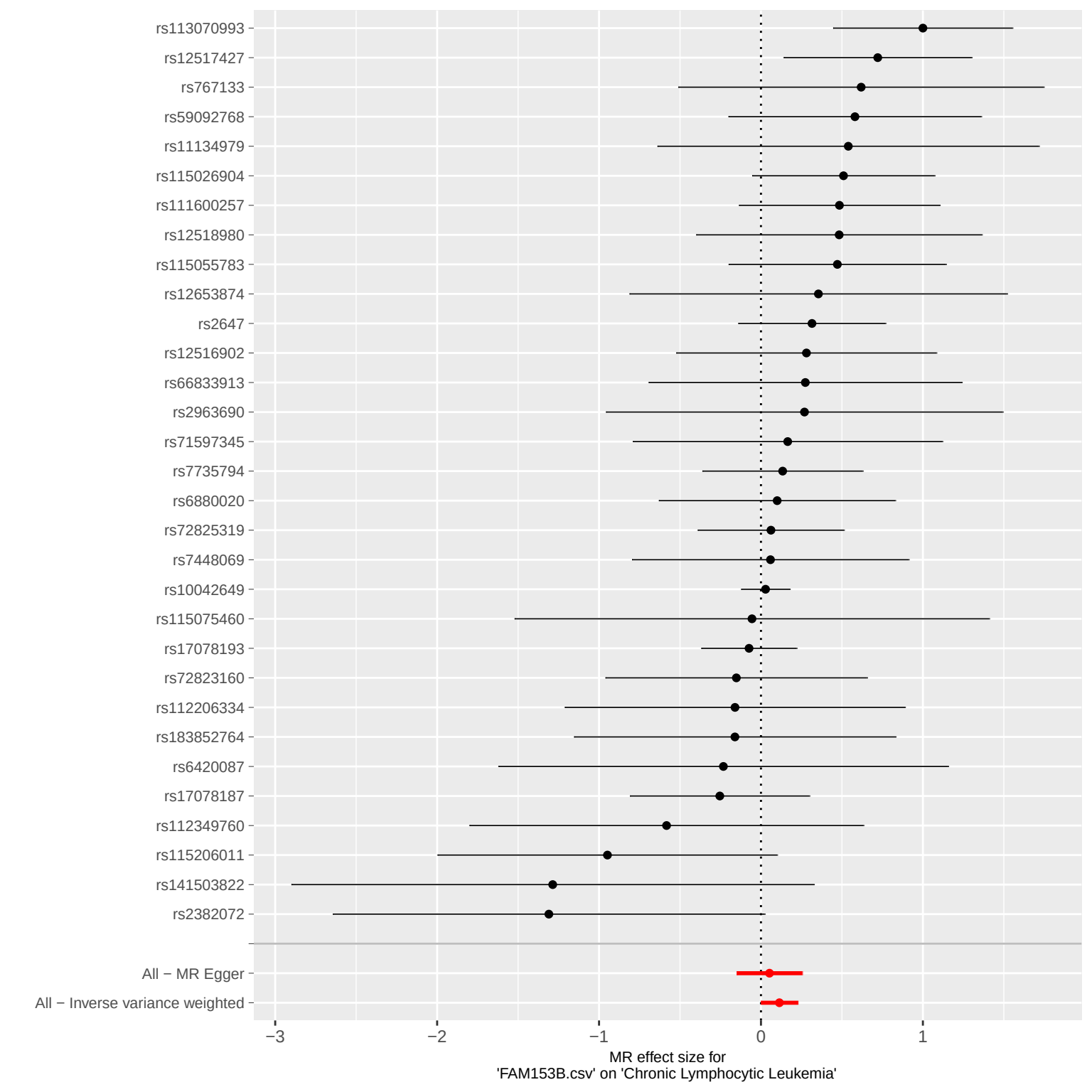
rs149783569
rs3135122
rs62285137
rs78157566
rs114949689
rs13135546
rs28754473
rs3135845
rs143338781
rs73192393
rs553148
rs798727
rs3135900
rs7680647
rs73079625
rs112781341
rs10029689
rs75608146
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'FAM53A.csv' on 'Chronic Lymphocytic Leukemia'

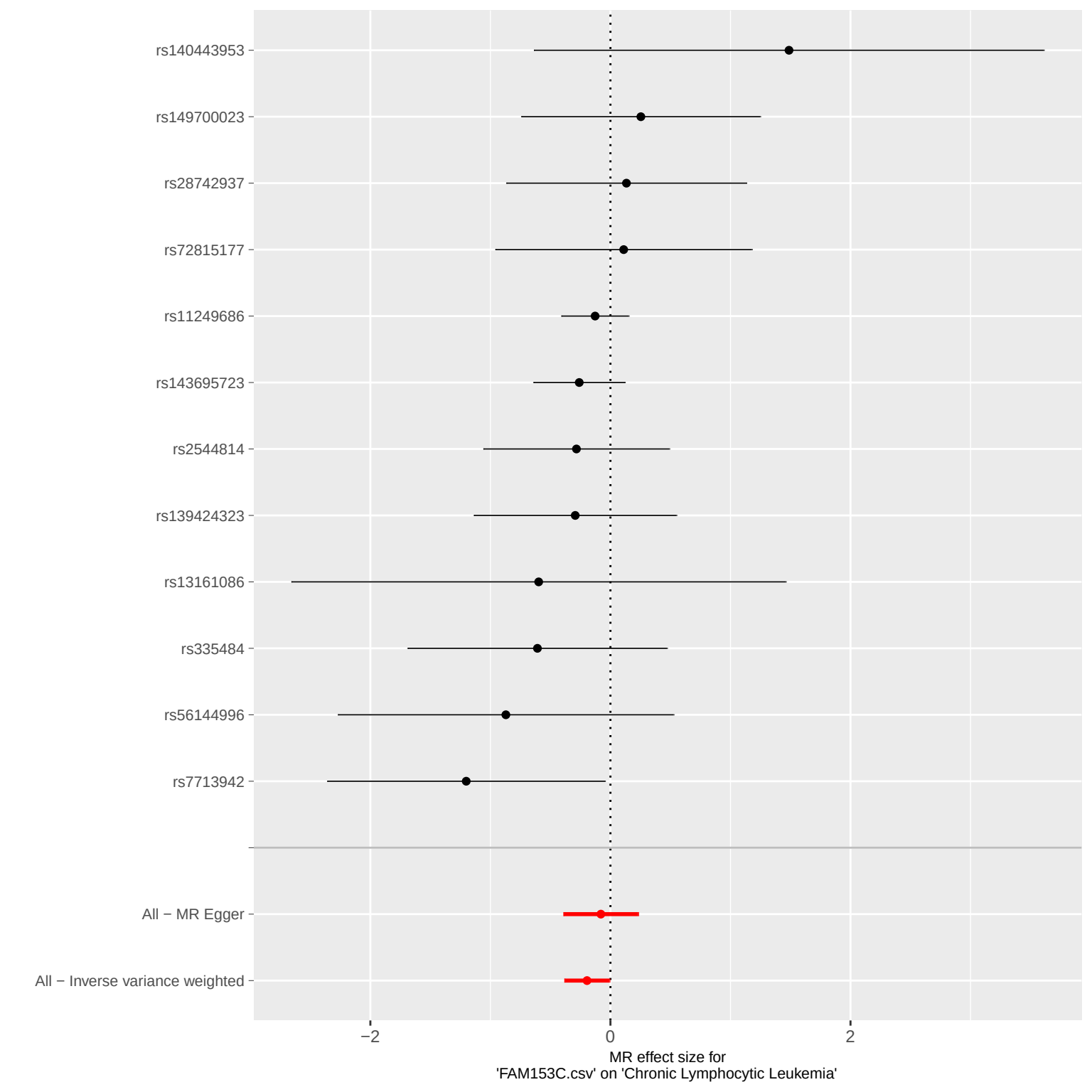

rs145141776
rs3848289
rs111893345
rs146091695
rs11861362
rs6499135
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'FAM65A.csv' on 'Chronic Lymphocytic Leukemia'

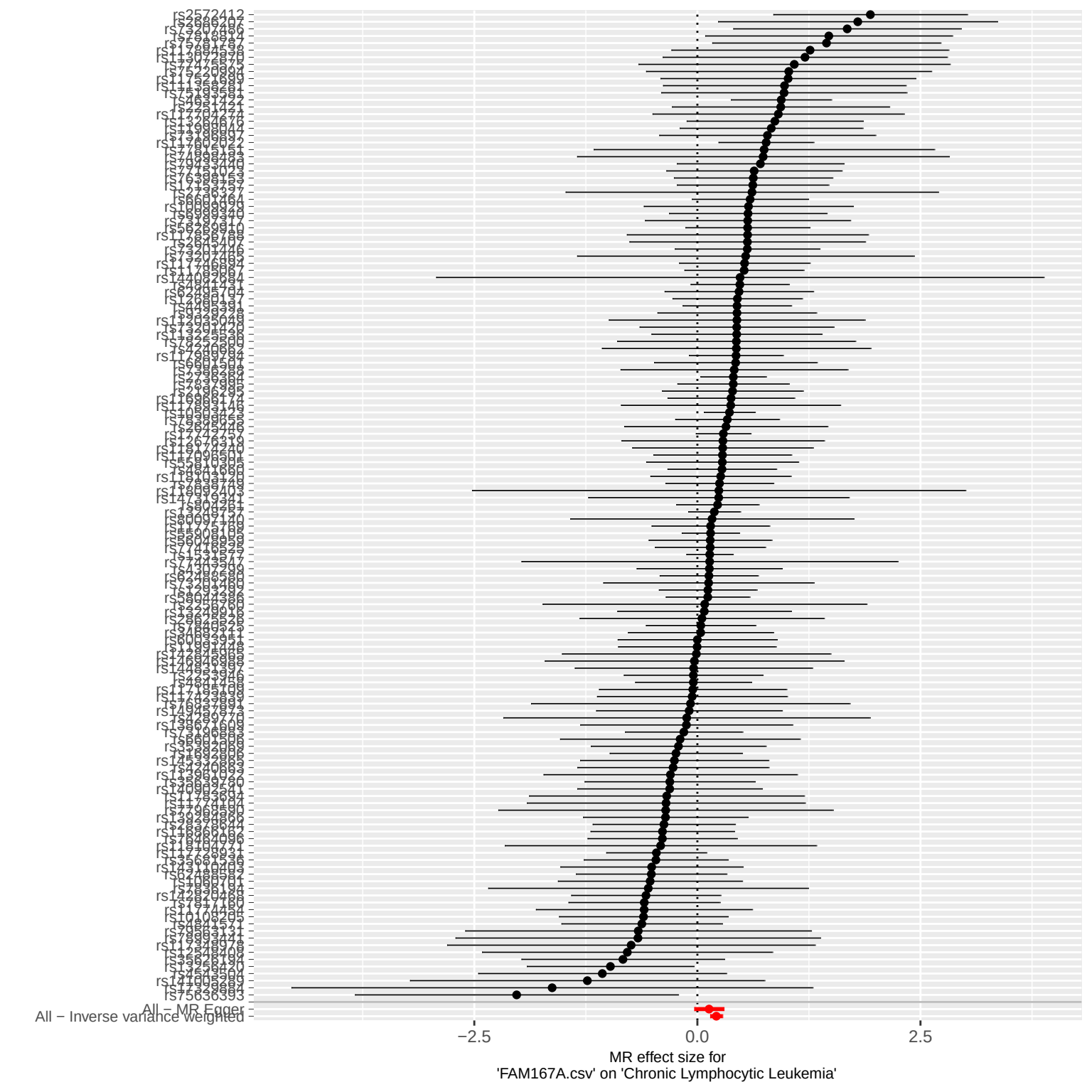

rs11777641
rs111635082
rs2280920
rs9297666
rs4871350
rs117956121
rs4330677
rs12676466
rs149224743
rs73330029
rs34576847
rs62521806
rs113107009
rs6982326
rs10956116
rs4006558
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FAM83A.csv' on 'Chronic Lymphocytic Leukemia'

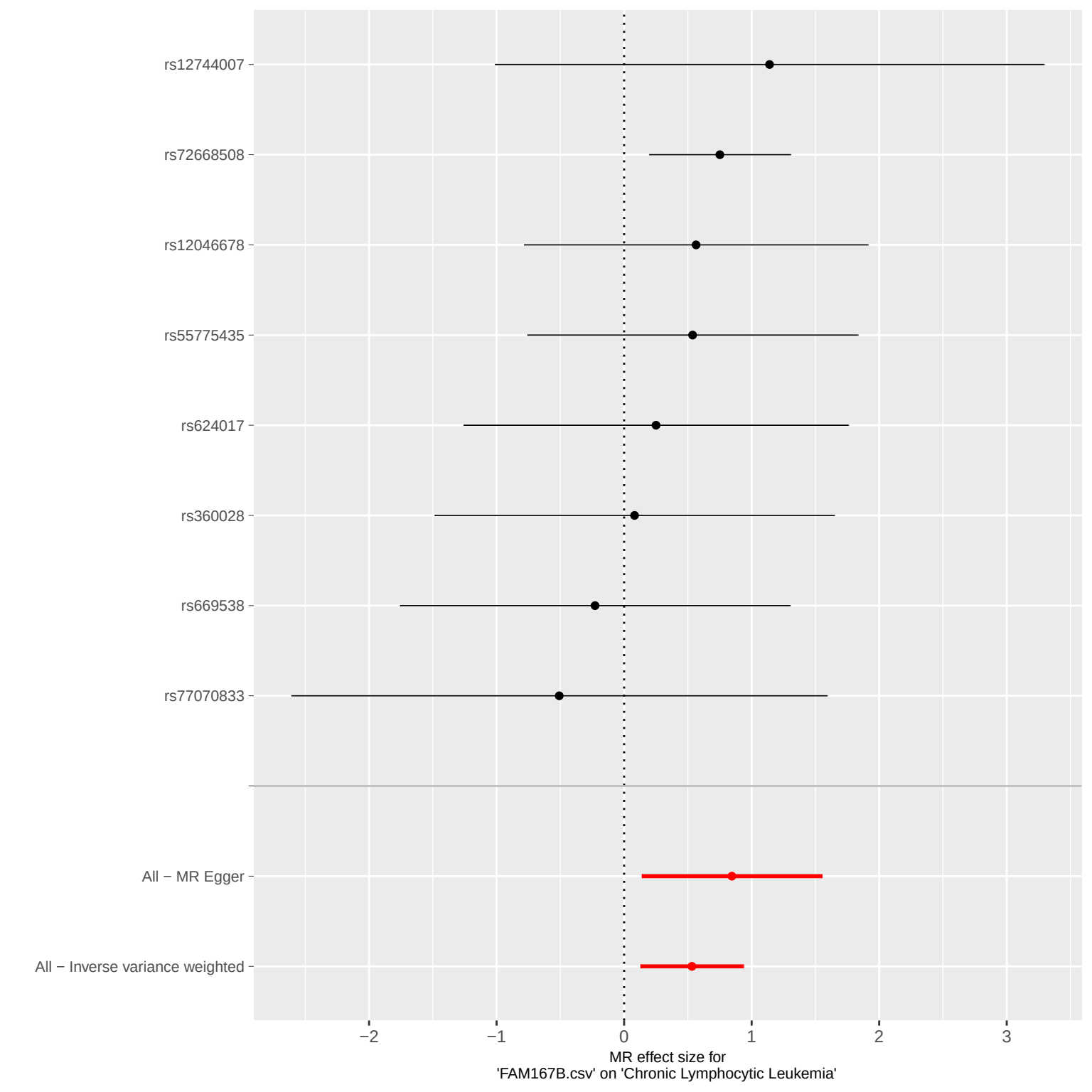

rs111296508
rs1634417
rs12150591
rs11078422
rs7222869
rs9902016
rs11868888
rs72836735
rs4924779
rs2472712
rs2296978
rs118029327
rs1969051
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'FAM83G.csv' on 'Chronic Lymphocytic Leukemia'

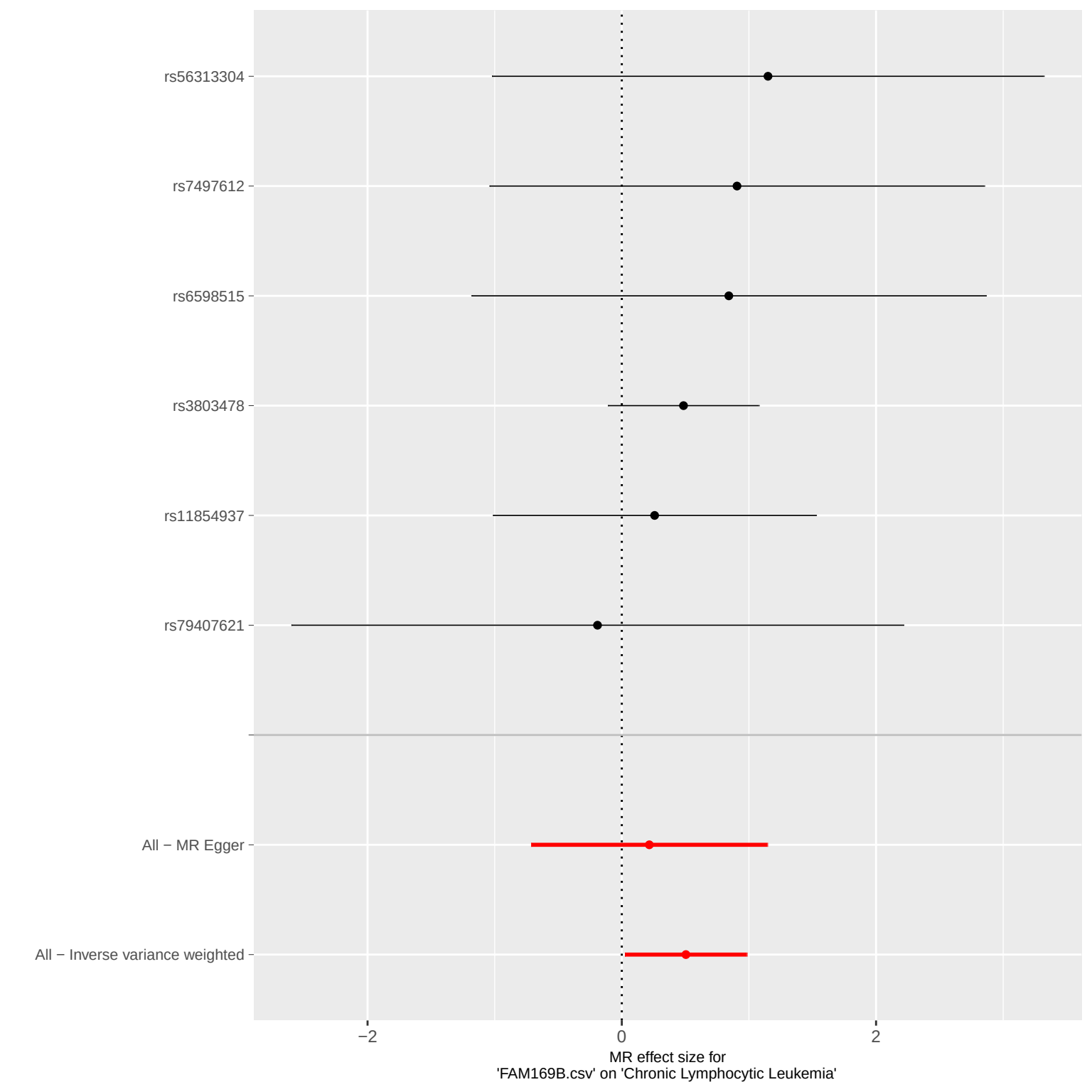

rs77786650
rs115629349
rs10060137
rs11746517
rs249226
rs28058
rs2434330
rs146441991
rs78539565
rs1677650
rs72765588
rs11738950
rs62365357
rs511038
rs16877760
rs112765054
rs11958942
rs149339847
rs13177252
rs115747344
rs182483508
rs494039
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'FAM151B.csv' on 'Chronic Lymphocytic Leukemia'

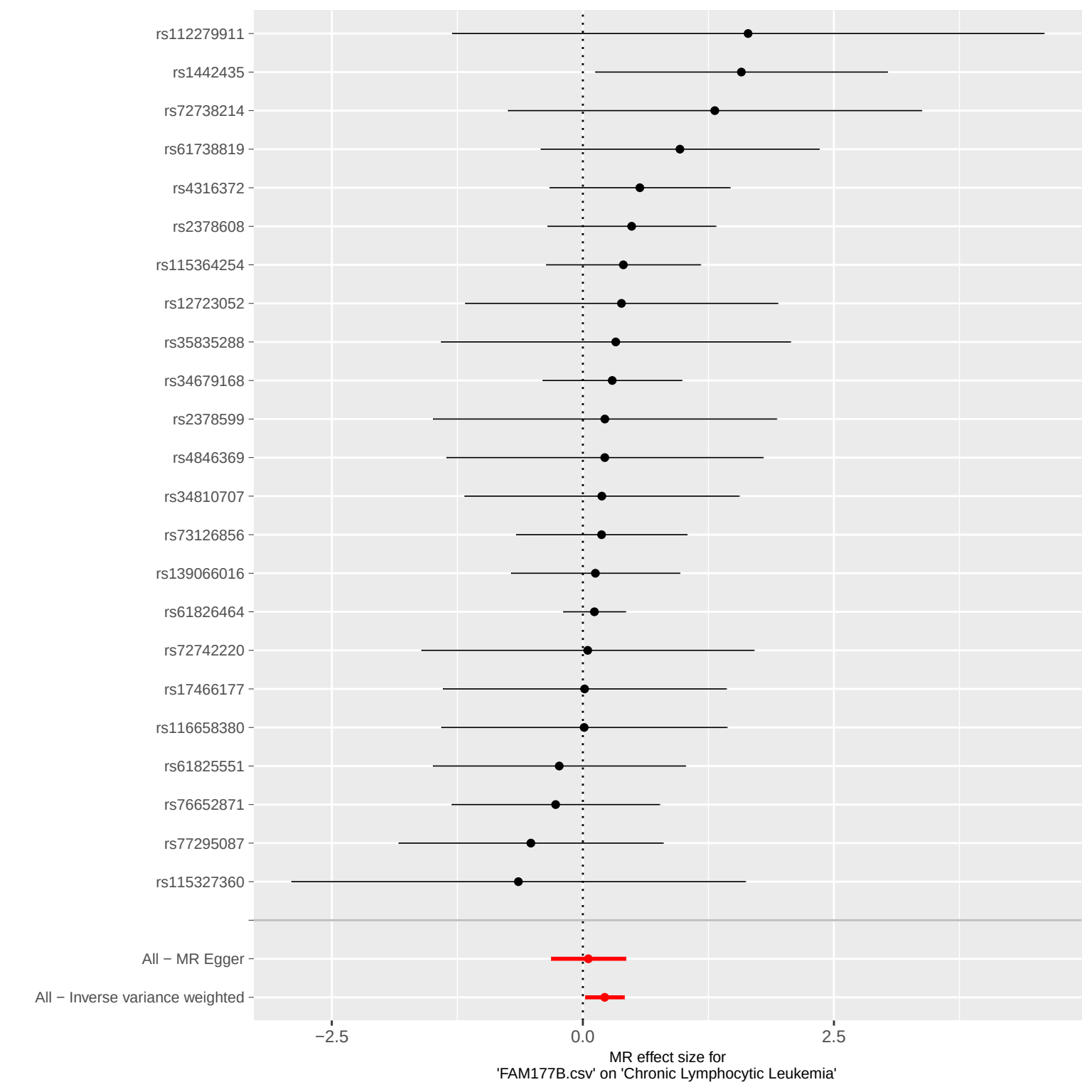

rs113070993
rs12517427
rs767133
rs59092768
rs11134979
rs115026904
rs111600257
rs12518980
rs115055783
rs12653874
rs2647
rs12516902
rs66833913
rs2963690
rs71597345
rs7735794
rs6880020
rs72825319
rs7448069
rs10042649
rs115075460
rs17078193
rs72823160
rs112206334
rs183852764
rs6420087
rs17078187
rs112349760
rs115206011
rs141503822
rs2382072
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'FAM153B.csv' on 'Chronic Lymphocytic Leukemia'


rs140443953
rs149700023
rs28742937
rs72815177
rs11249686
rs143695723
rs2544814
rs139424323
rs13161086
rs335484
rs56144996
rs7713942
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'FAM153C.csv' on 'Chronic Lymphocytic Leukemia'


All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'FAM167A.csv' on 'Chronic Lymphocytic Leukemia'


rs12744007
rs72668508
rs12046678
rs55775435
rs624017
rs360028
rs669538
rs77070833
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'FAM167B.csv' on 'Chronic Lymphocytic Leukemia'


rs56313304
rs7497612
rs6598515
rs3803478
rs11854937
rs79407621
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'FAM169B.csv' on 'Chronic Lymphocytic Leukemia'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rs72738214
rs61738819
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rs2378608
rs115364254
rs12723052
rs35835288
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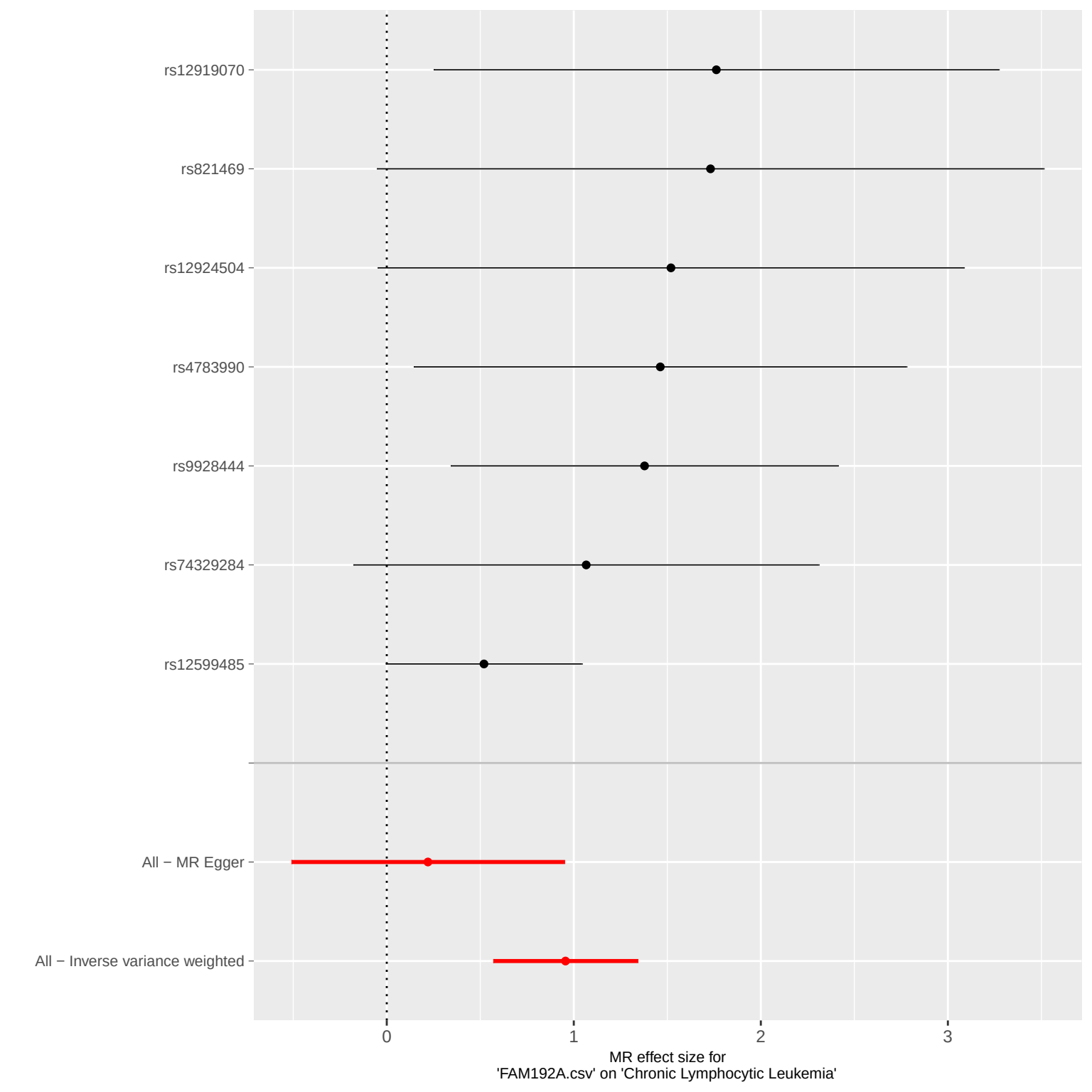
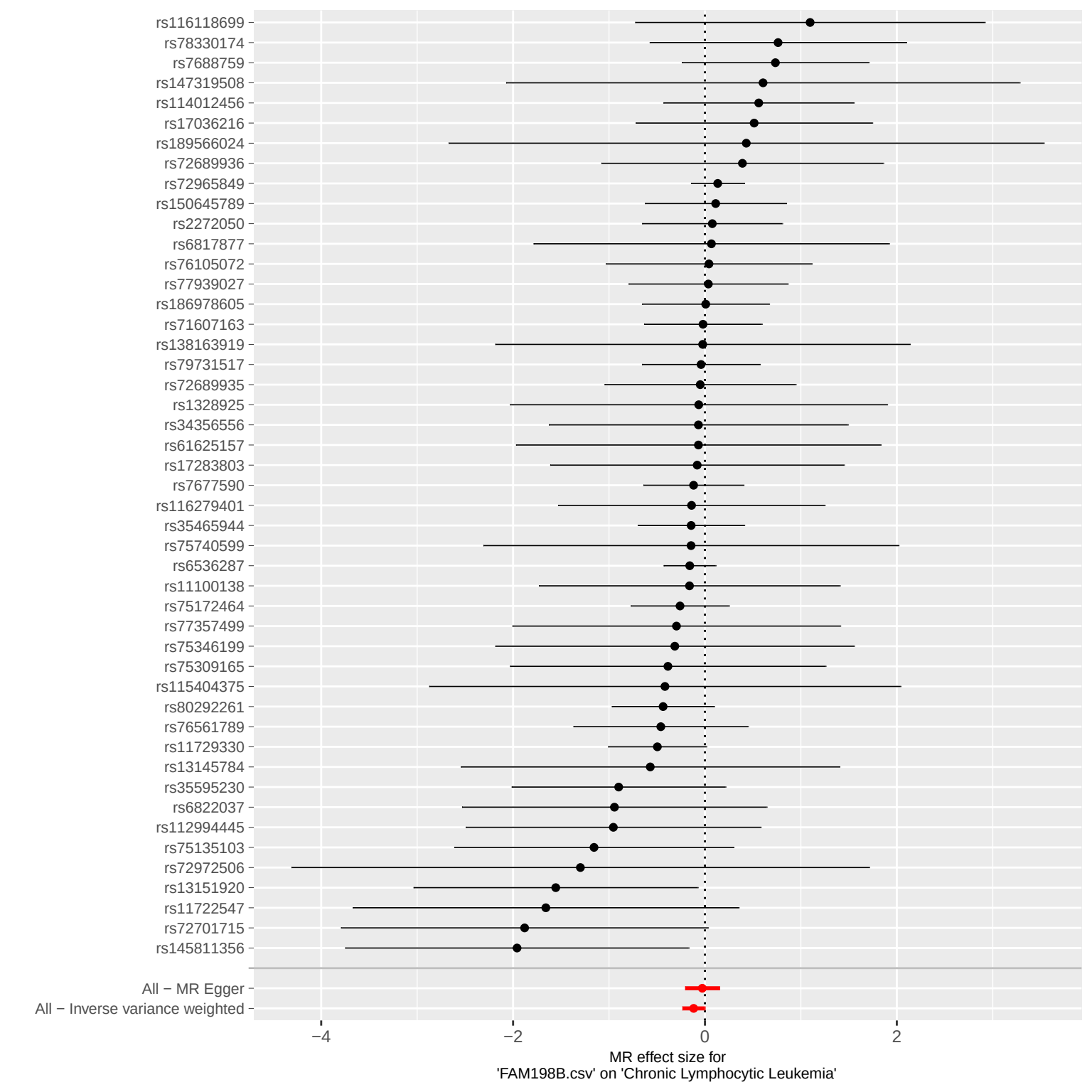
rs2378599
rs4846369
rs34810707
rs73126856
rs139066016
rs61826464
rs72742220
rs17466177
rs116658380
rs61825551
rs76652871
rs77295087
rs115327360
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'FAM177B.csv' on 'Chronic Lymphocytic Leukemia'


rs12919070
rs821469
rs12924504
rs4783990
rs9928444
rs74329284
rs12599485
All − MR Egger
All − Inverse variance weighted
0
1
2
3
MR effect size for
'FAM192A.csv' on 'Chronic Lymphocytic Leukemia'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rs147319508
rs114012456
rs17036216
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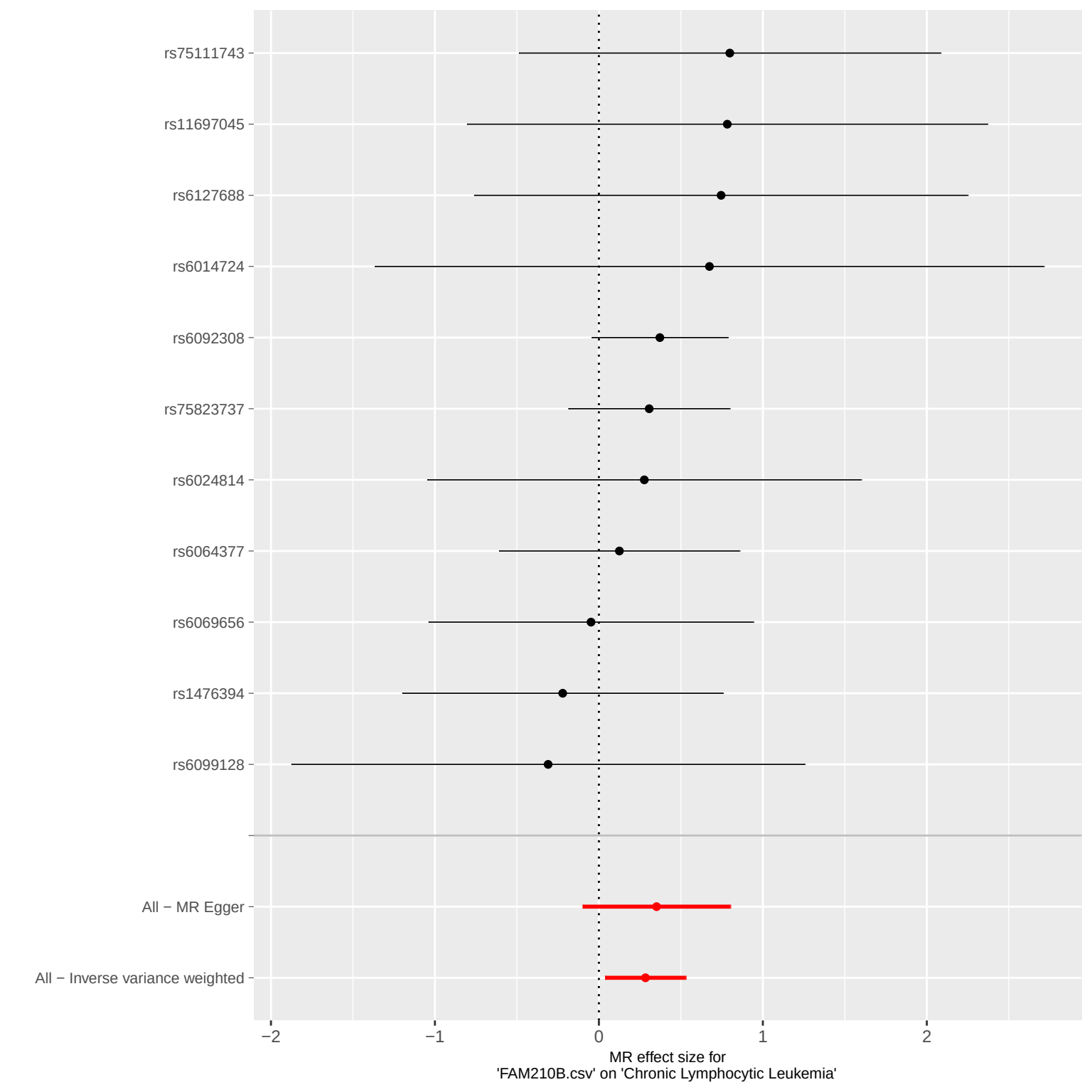
rs72689936
rs72965849
rs150645789
rs2272050
rs6817877
rs76105072
rs77939027
rs186978605
rs71607163
rs138163919
rs79731517
rs72689935
rs1328925
rs34356556
rs61625157
rs17283803
rs7677590
rs116279401
rs35465944
rs75740599
rs6536287
rs11100138
rs75172464
rs77357499
rs75346199
rs75309165
rs115404375
rs80292261
rs76561789
rs11729330
rs13145784
rs35595230
rs6822037
rs112994445
rs75135103
rs72972506
rs13151920
rs11722547
rs72701715
rs145811356
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FAM198B.csv' on 'Chronic Lymphocytic Leukemia'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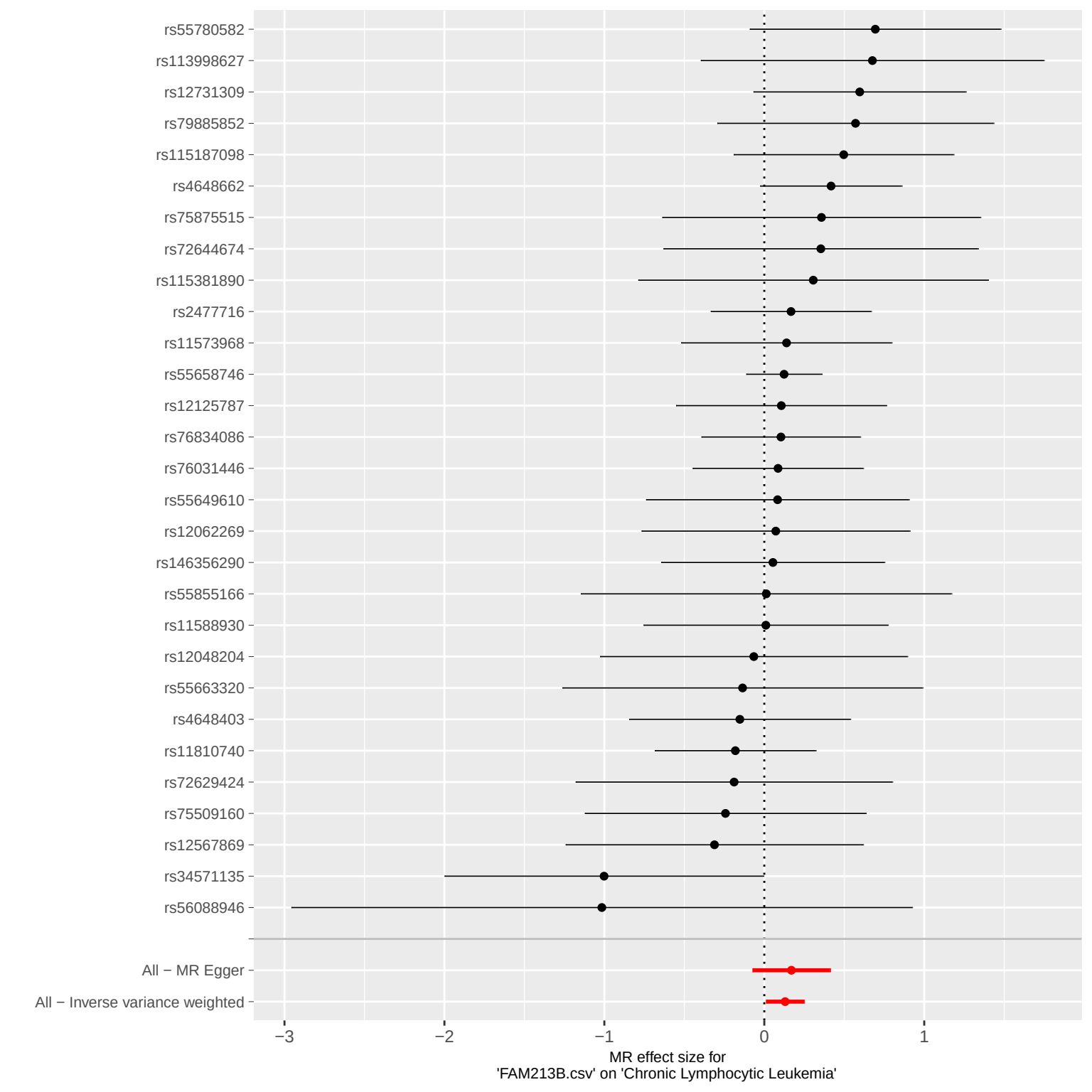
rs11697045
rs6127688
rs6014724
rs6092308
rs75823737
rs6024814
rs6064377
rs6069656
rs1476394
rs6099128
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'FAM210B.csv' on 'Chronic Lymphocytic Leukemia'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rs12731309
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rs115187098
rs4648662
rs75875515
rs72644674
rs115381890
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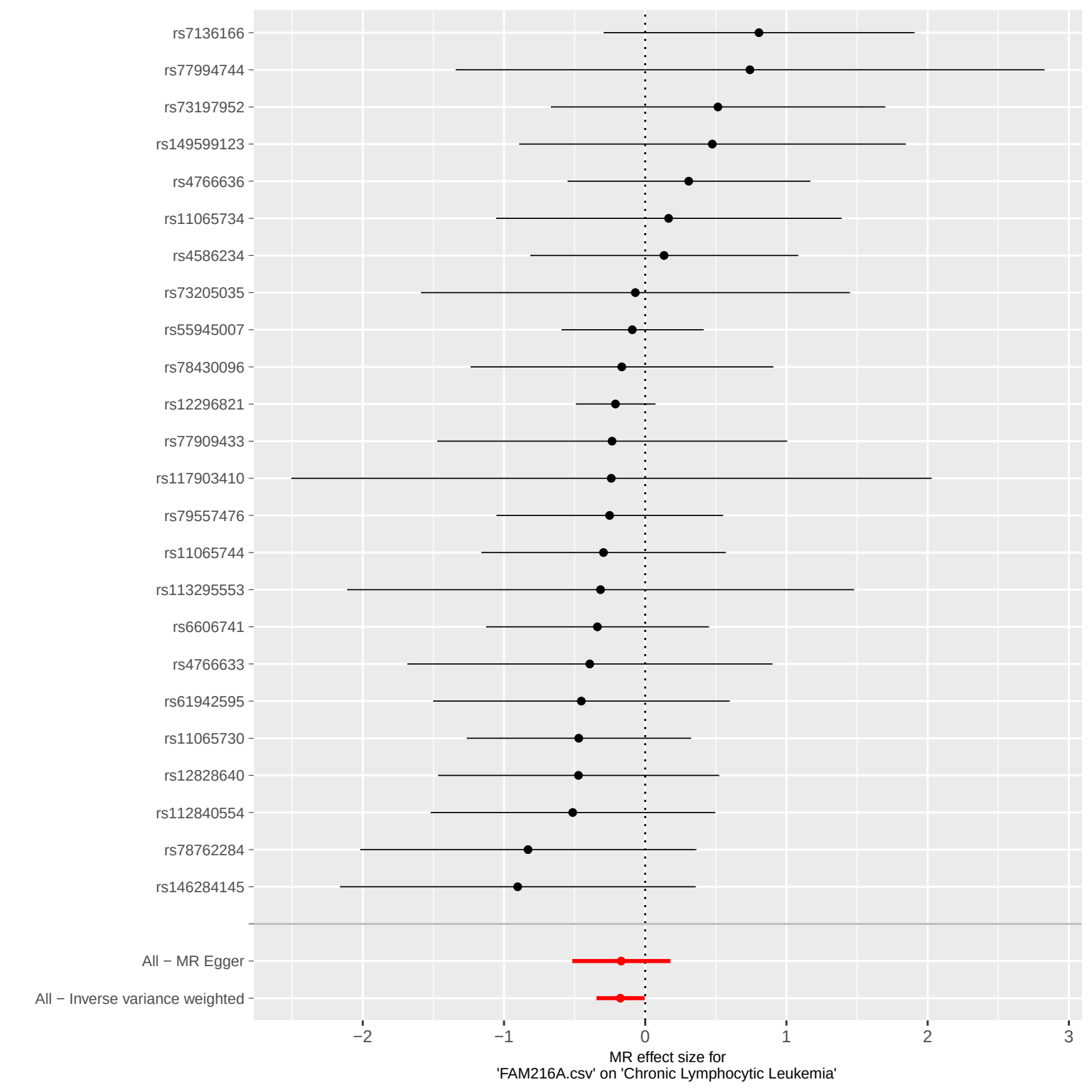
rs11573968
rs55658746
rs12125787
rs76834086
rs76031446
rs55649610
rs12062269
rs146356290
rs55855166
rs11588930
rs12048204
rs55663320
rs4648403
rs11810740
rs72629424
rs75509160
rs12567869
rs34571135
rs56088946
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'FAM213B.csv' on 'Chronic Lymphocytic Leukemia'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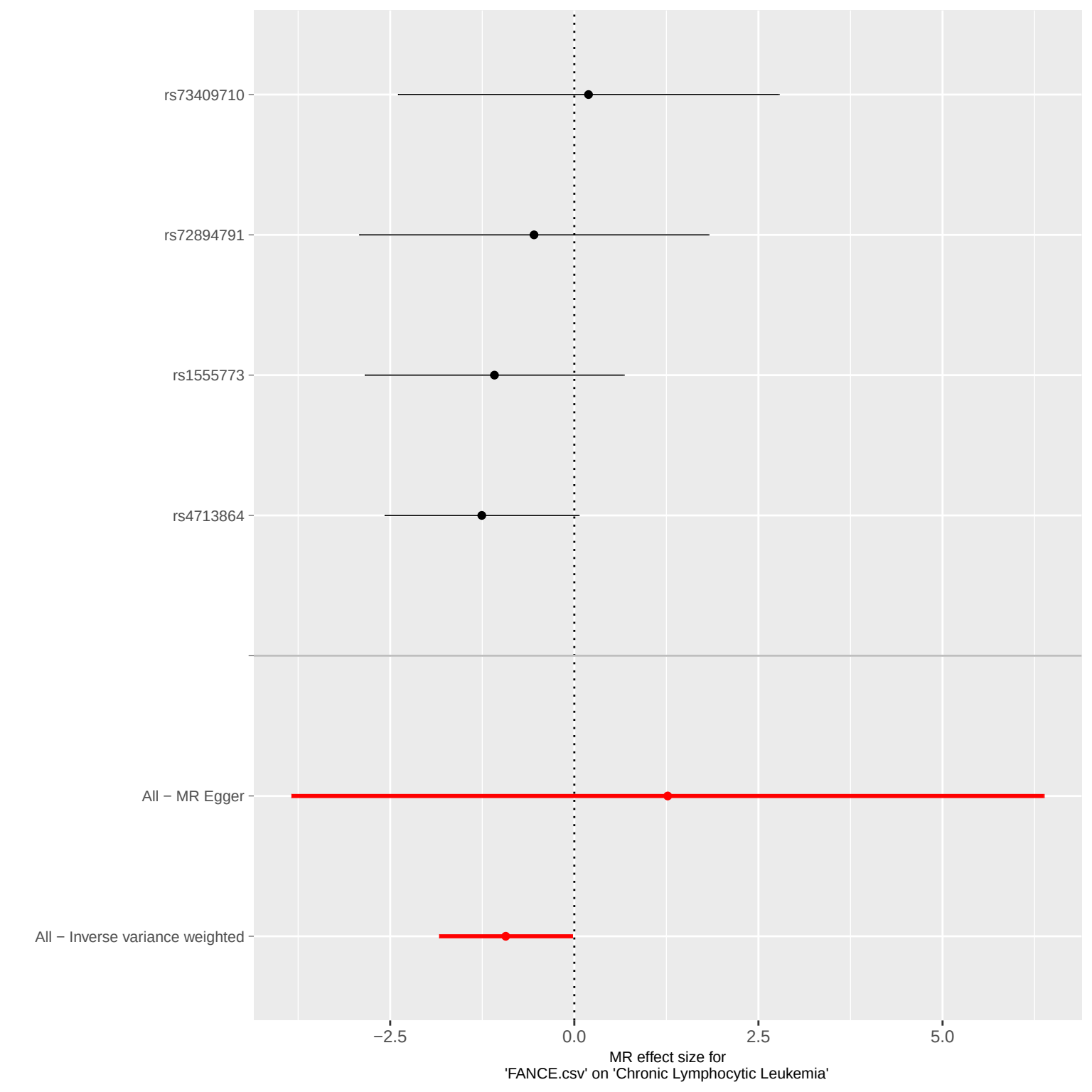
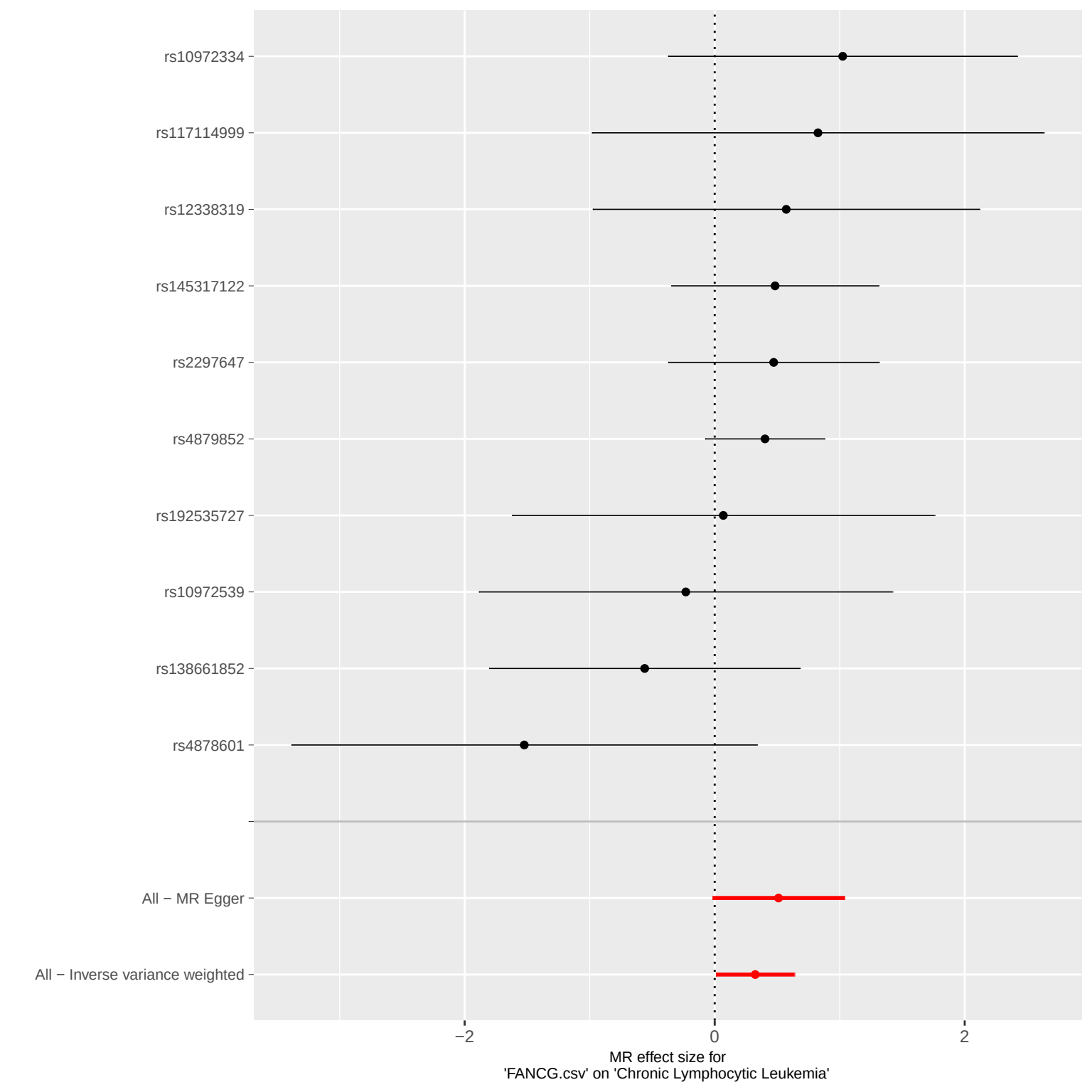
rs73197952
rs149599123
rs4766636
rs11065734
rs4586234
rs73205035
rs55945007
rs78430096
rs12296821
rs77909433
rs117903410
rs79557476
rs11065744
rs113295553
rs6606741
rs4766633
rs61942595
rs11065730
rs12828640
rs112840554
rs78762284
rs146284145
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'FAM216A.csv' on 'Chronic Lymphocytic Leukemia'


rs73409710
rs72894791
rs1555773
rs4713864
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'FANCE.csv' on 'Chronic Lymphocytic Leukemia'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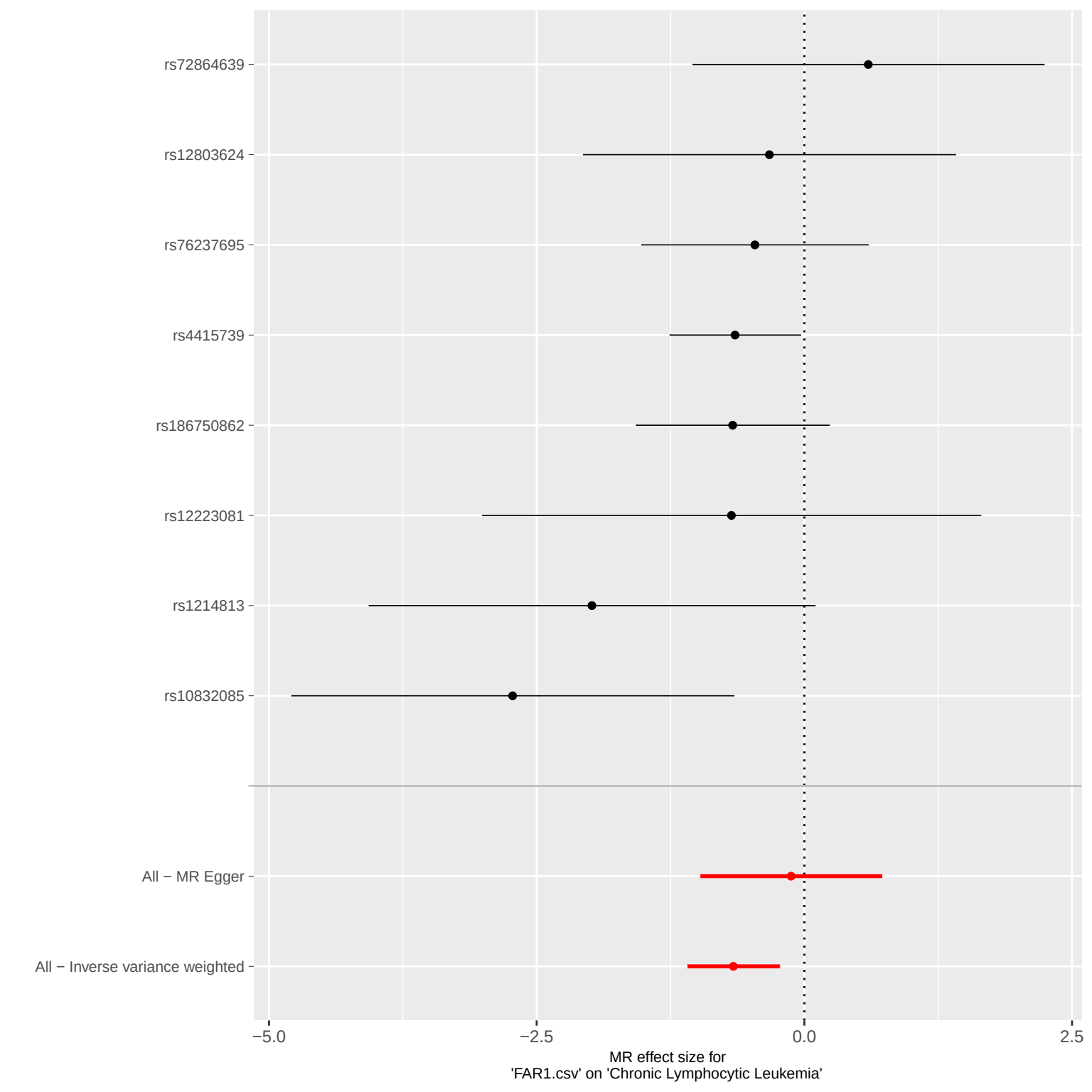
rs117114999
rs12338319
rs145317122
rs2297647
rs4879852
rs192535727
rs10972539
rs138661852
rs4878601
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'FANCG.csv' on 'Chronic Lymphocytic Leukemia'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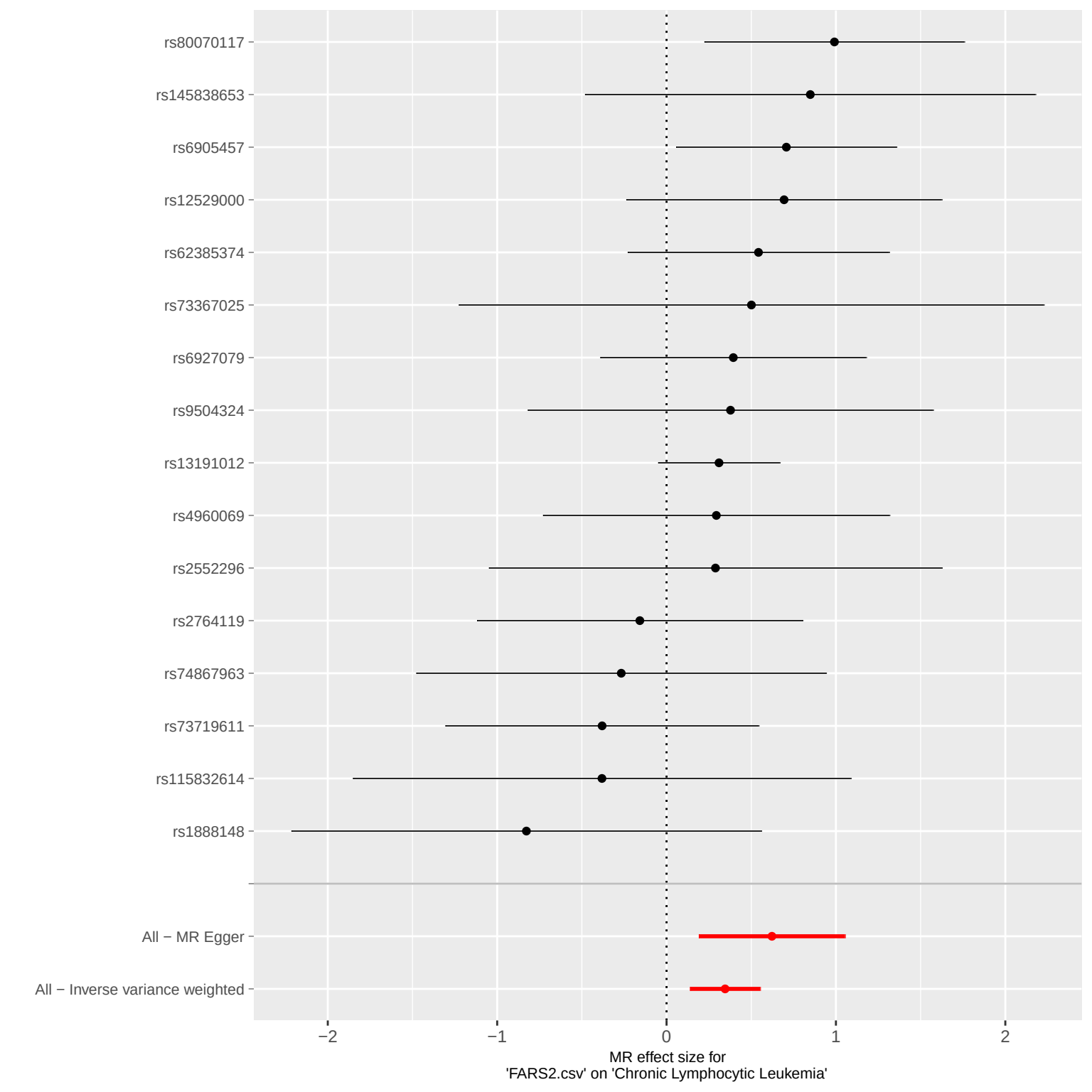
rs12803624
rs76237695
rs4415739
rs186750862
rs12223081
rs1214813
rs10832085
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'FAR1.csv' on 'Chronic Lymphocytic Leukemia'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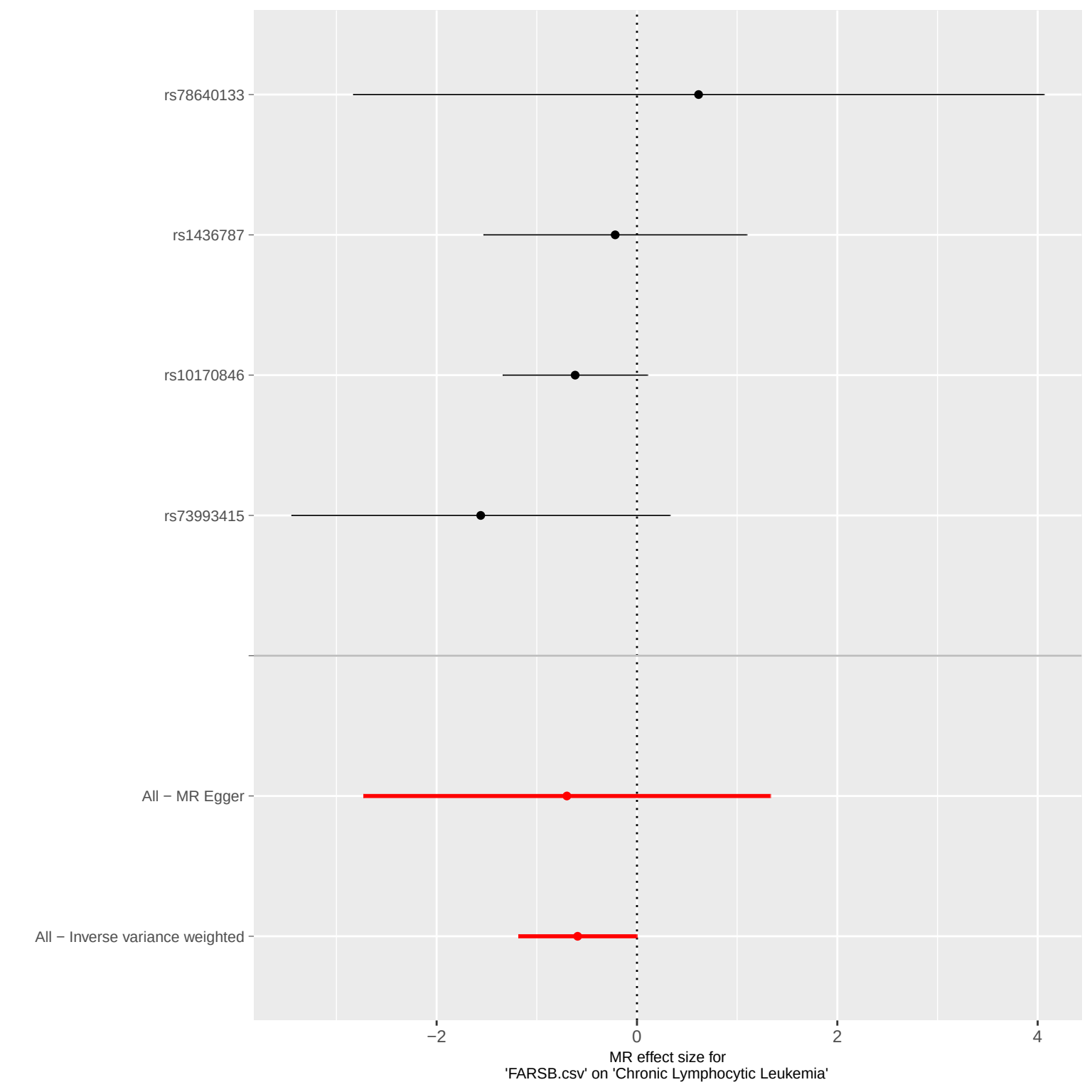
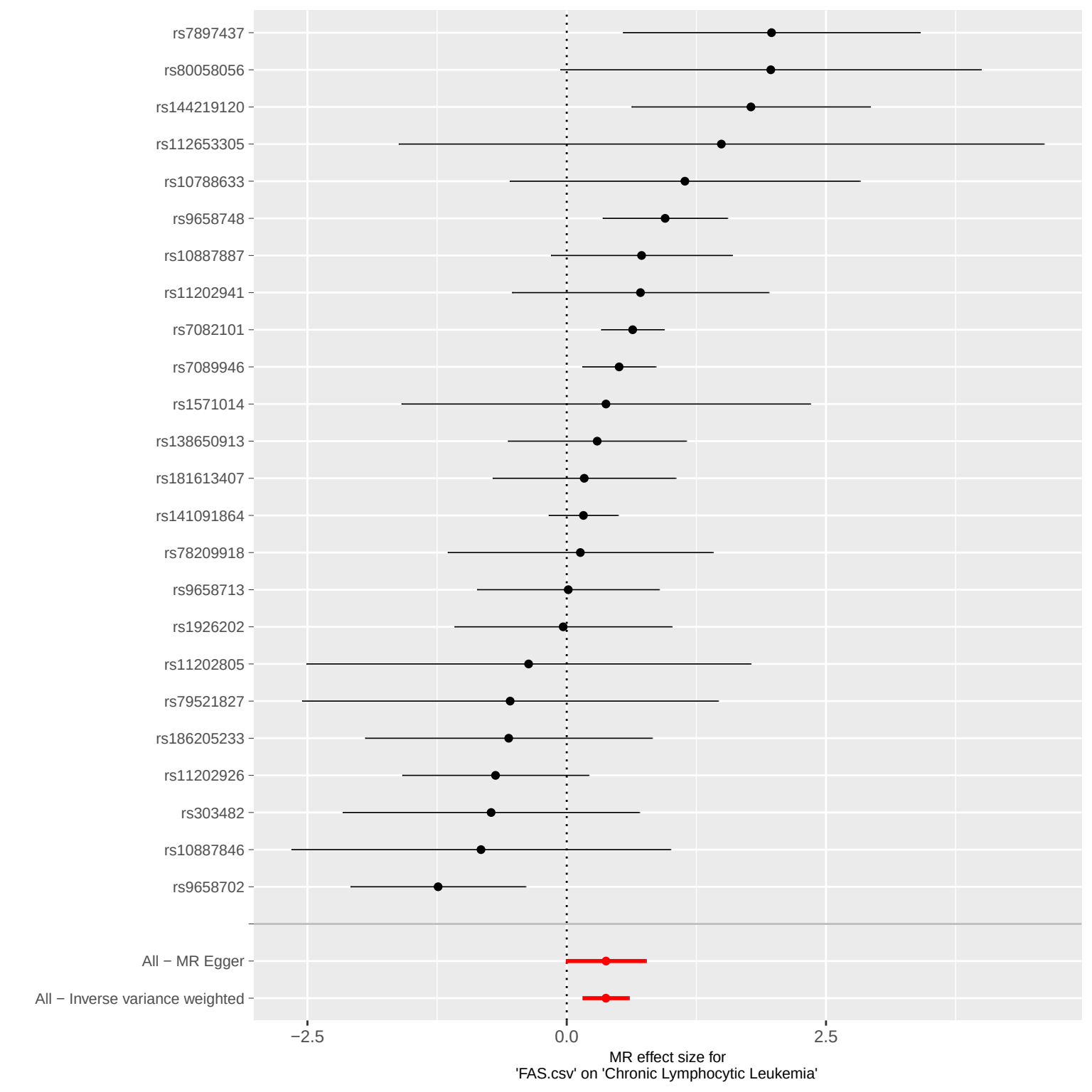
rs62385374
rs73367025
rs6927079
rs9504324
rs13191012
rs4960069
rs2552296
rs2764119
rs74867963
rs73719611
rs115832614
rs1888148
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'FARS2.csv' on 'Chronic Lymphocytic Leukemia'


rs78640133
rs1436787
rs10170846
rs73993415
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'FARSB.csv' on 'Chronic Lymphocytic Leukemia'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rs11202941
rs7082101
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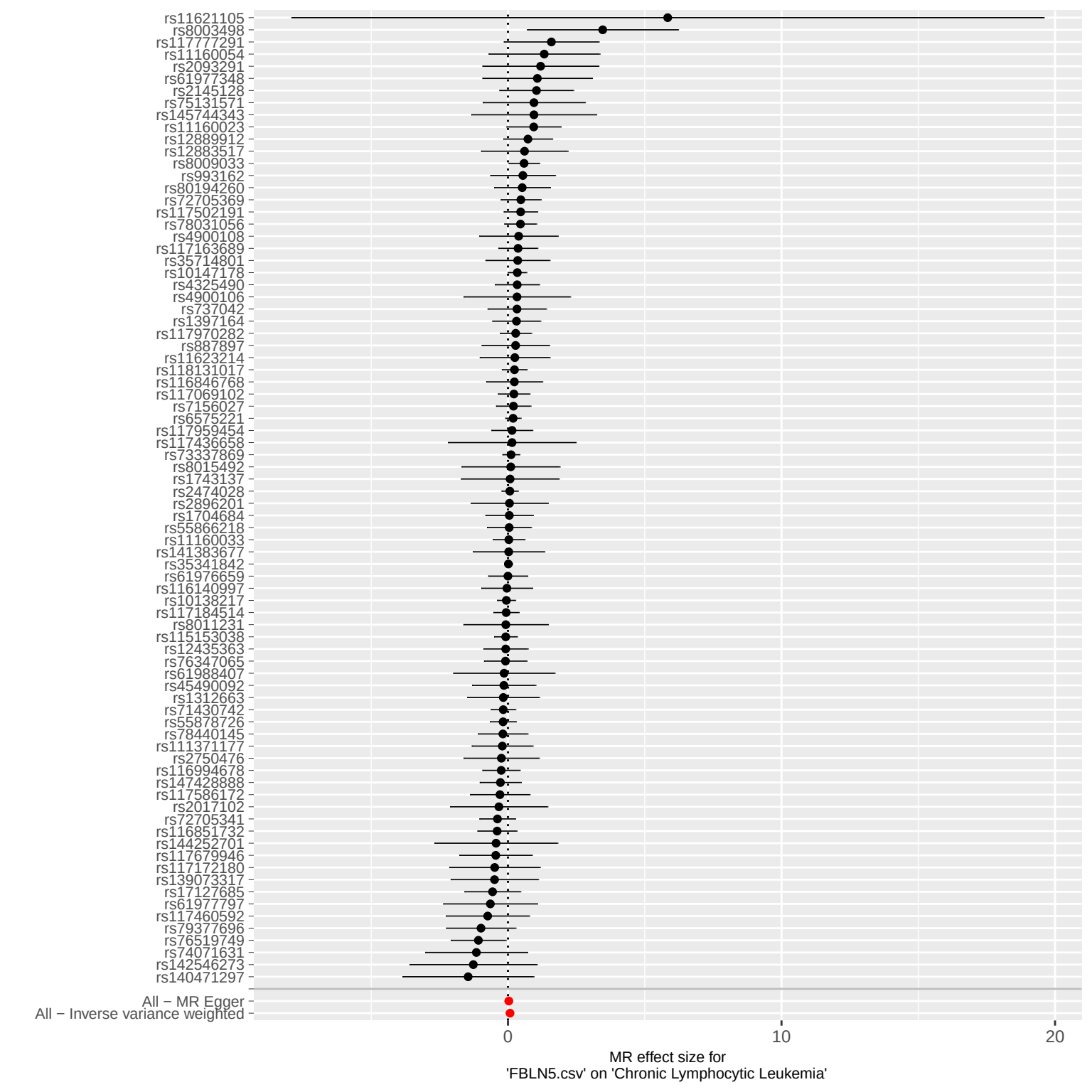
rs138650913
rs181613407
rs141091864
rs78209918
rs9658713
rs1926202
rs11202805
rs79521827
rs186205233
rs11202926
rs303482
rs10887846
rs9658702
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'FAS.csv' on 'Chronic Lymphocytic Leukemia'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rs145744343
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rs8009033
rs993162
rs80194260
rs72705369
rs117502191
rs78031056
rs4900108
rs117163689
rs35714801
rs10147178
rs4325490
rs4900106
rs737042
rs1397164
rs117970282
rs887897
rs11623214
rs118131017
rs116846768
rs117069102
rs7156027
rs6575221
rs117959454
rs117436658
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rs142546273
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All − MR Egger
All − Inverse variance weighted
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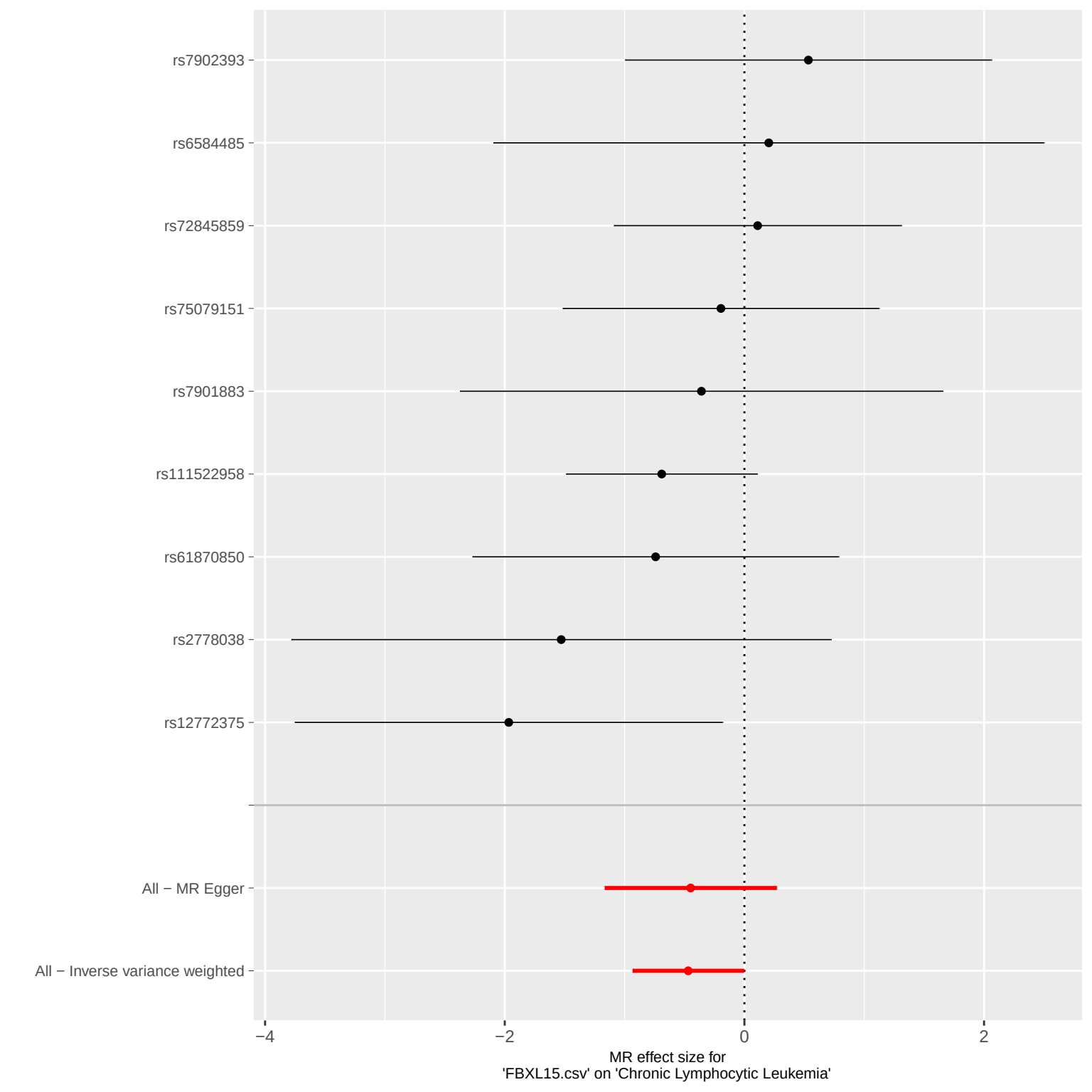
10
20
MR effect size for
'FBLN5.csv' on 'Chronic Lymphocytic Leukemia'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rs111522958
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rs2778038
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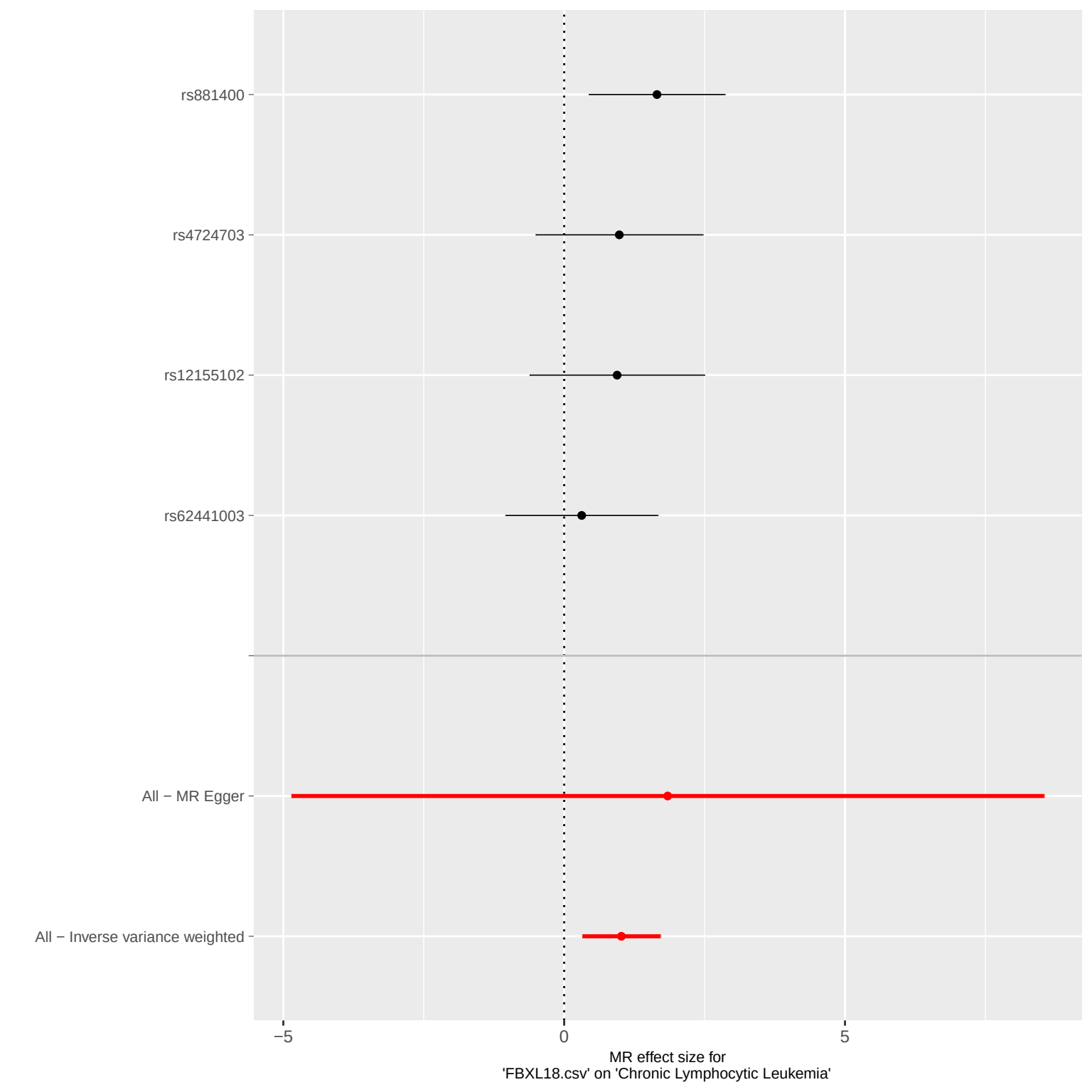
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'FBXL15.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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5
MR effect size for
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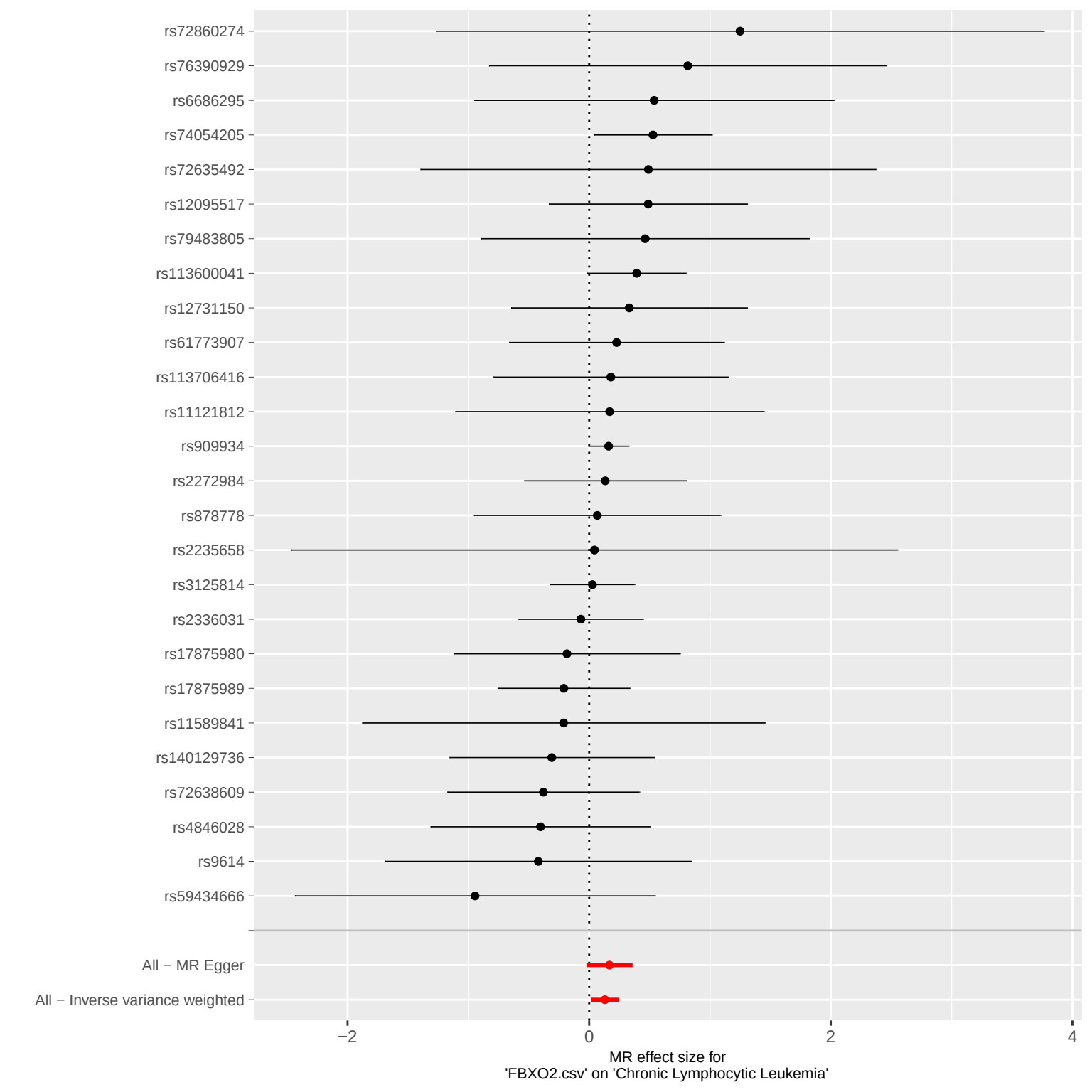
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rs909934
rs2272984
rs878778
rs2235658
rs3125814
rs2336031
rs17875980
rs17875989
rs11589841
rs140129736
rs72638609
rs4846028
rs9614
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All − MR Egger
All − Inverse variance weighted
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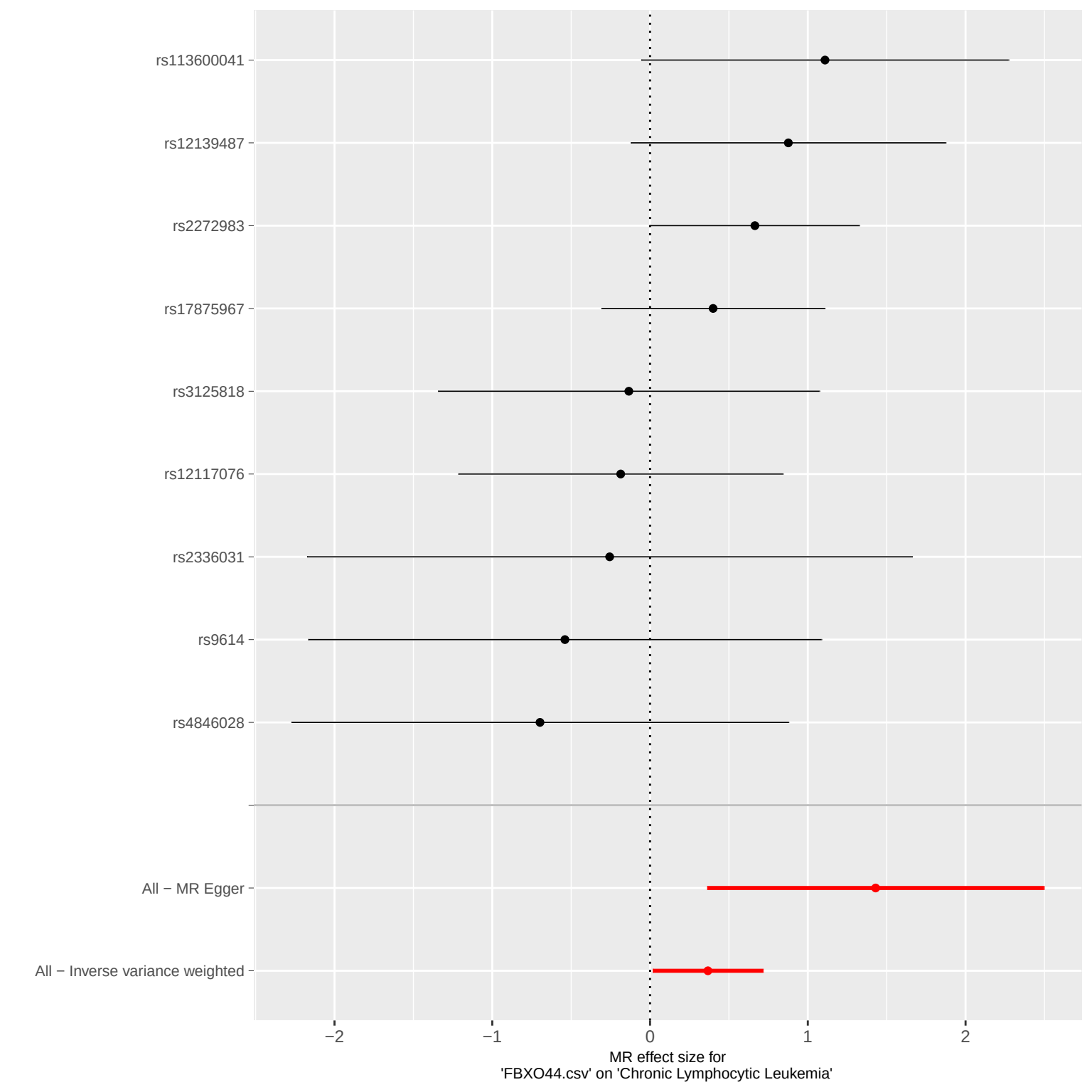
0
2
4
MR effect size for
'FBXO2.csv' on 'Chronic Lymphocytic Leukemia'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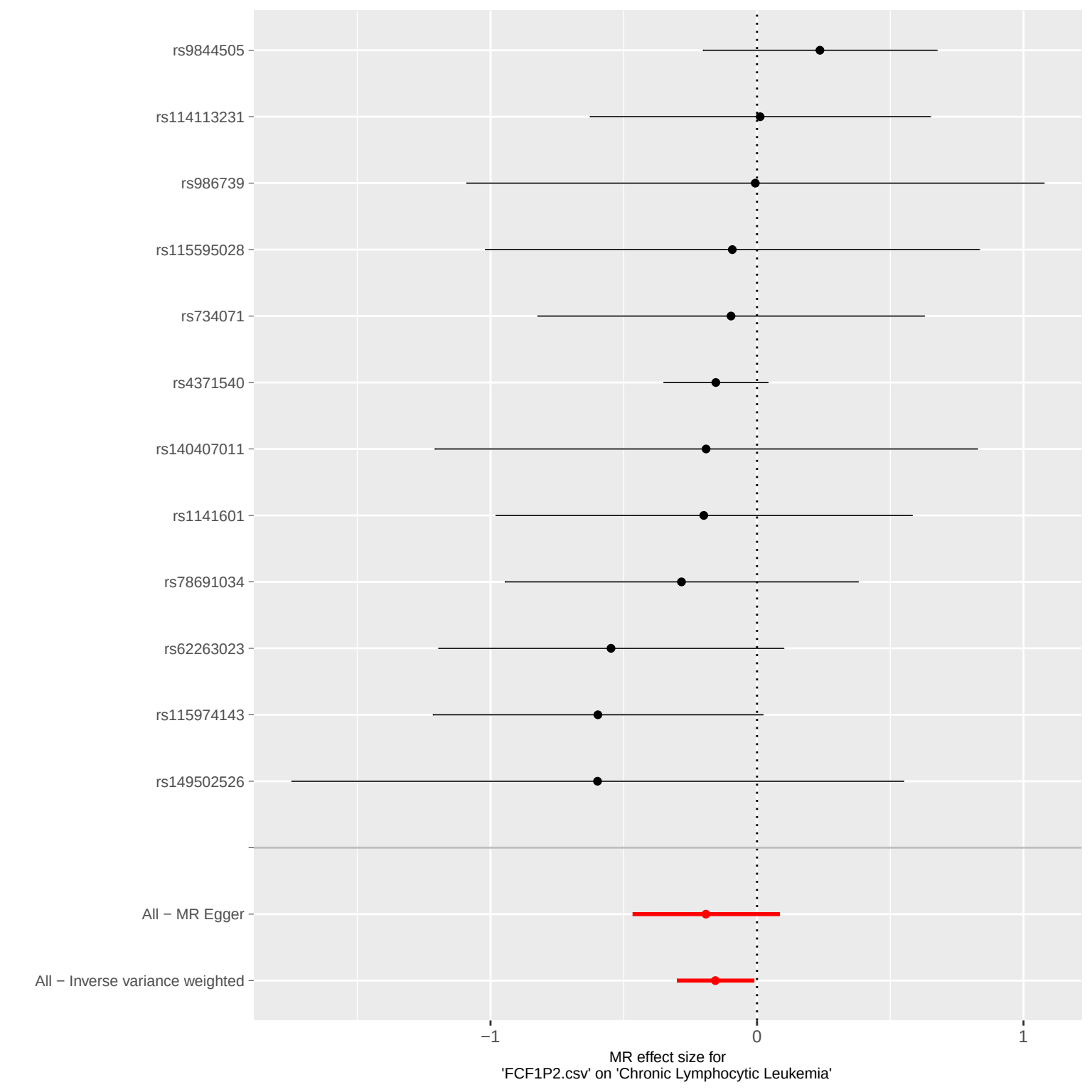
rs9614
rs4846028
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'FBXO44.csv' on 'Chronic Lymphocytic Leukemia'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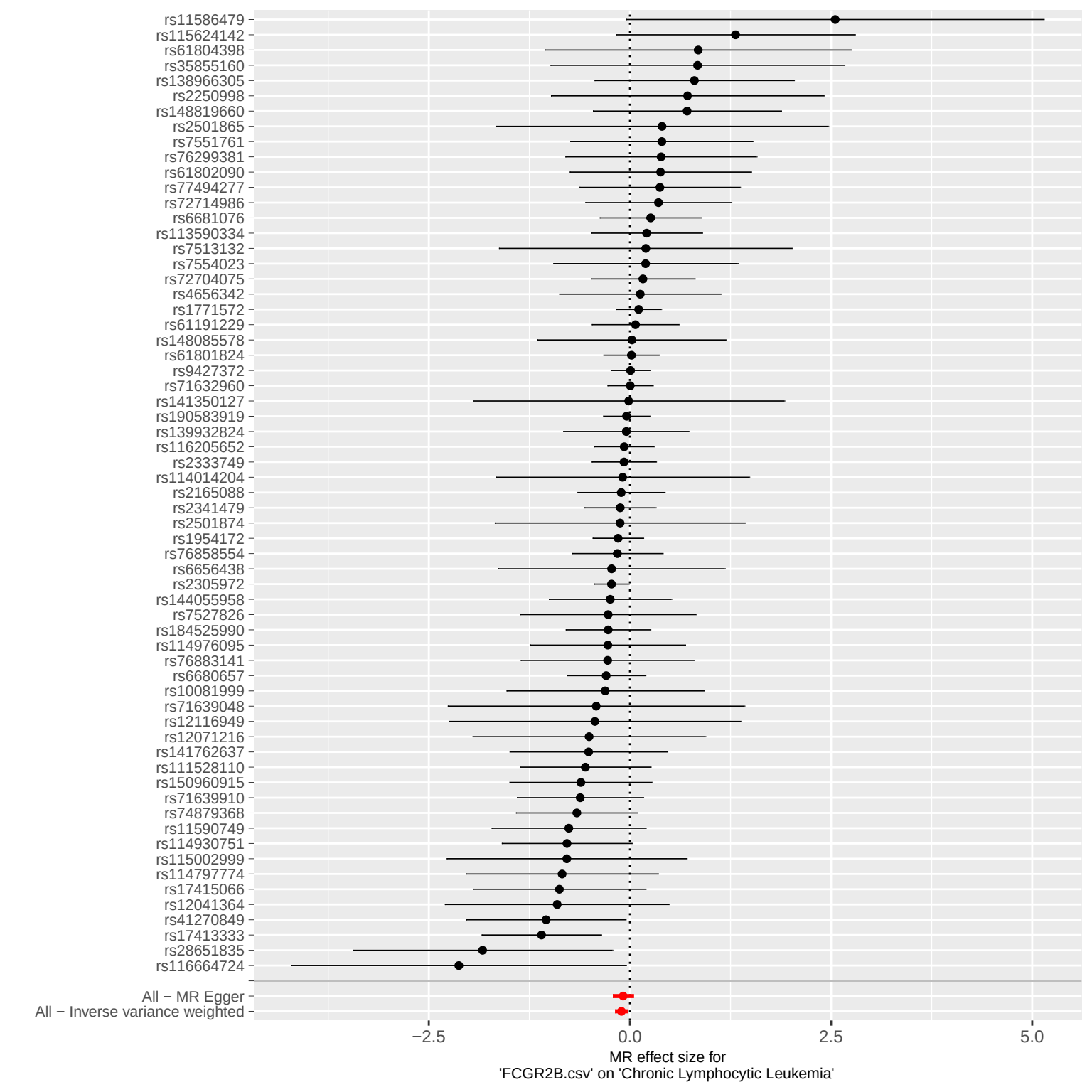
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'FCF1P2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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2.5
5.0
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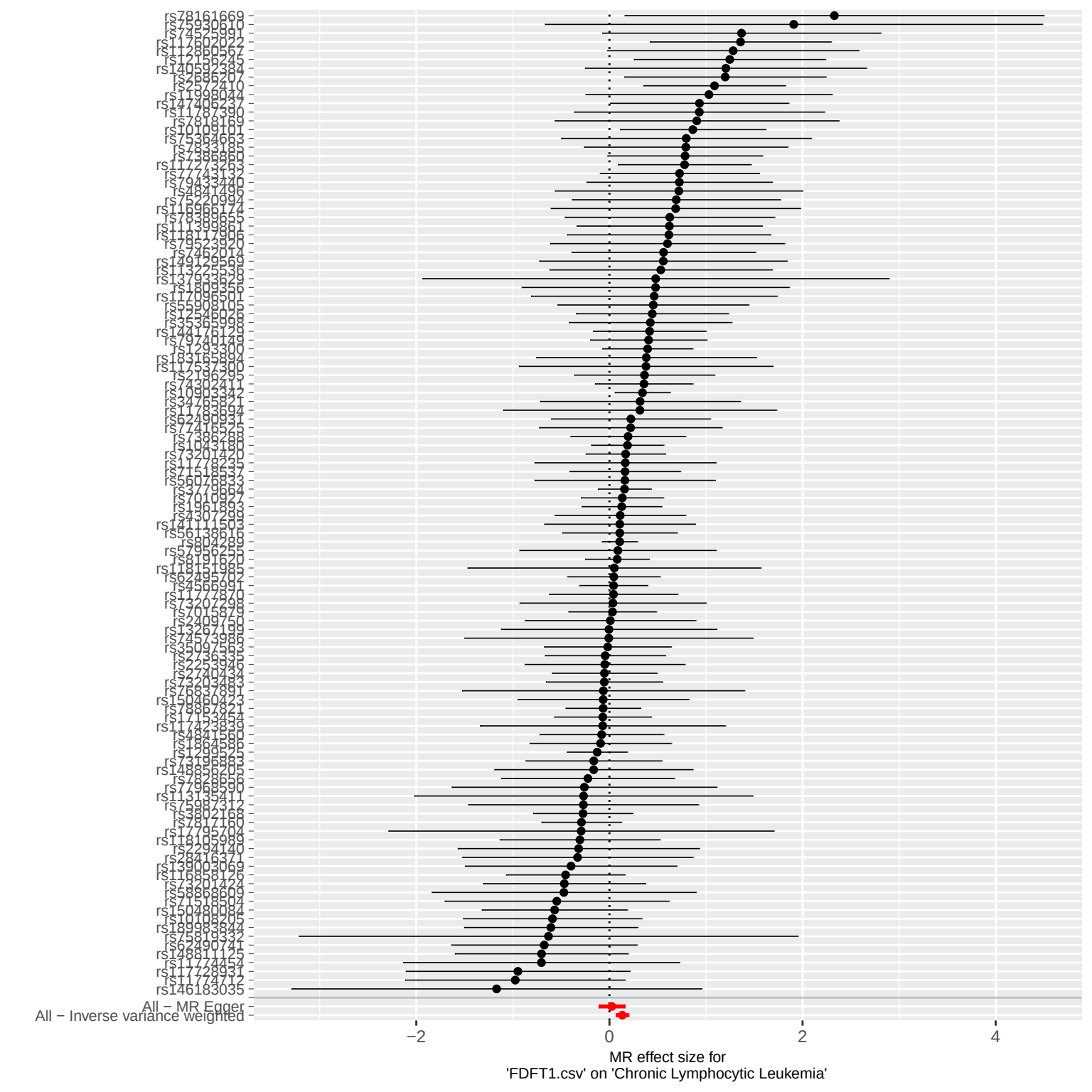
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All − Inverse variance weighted
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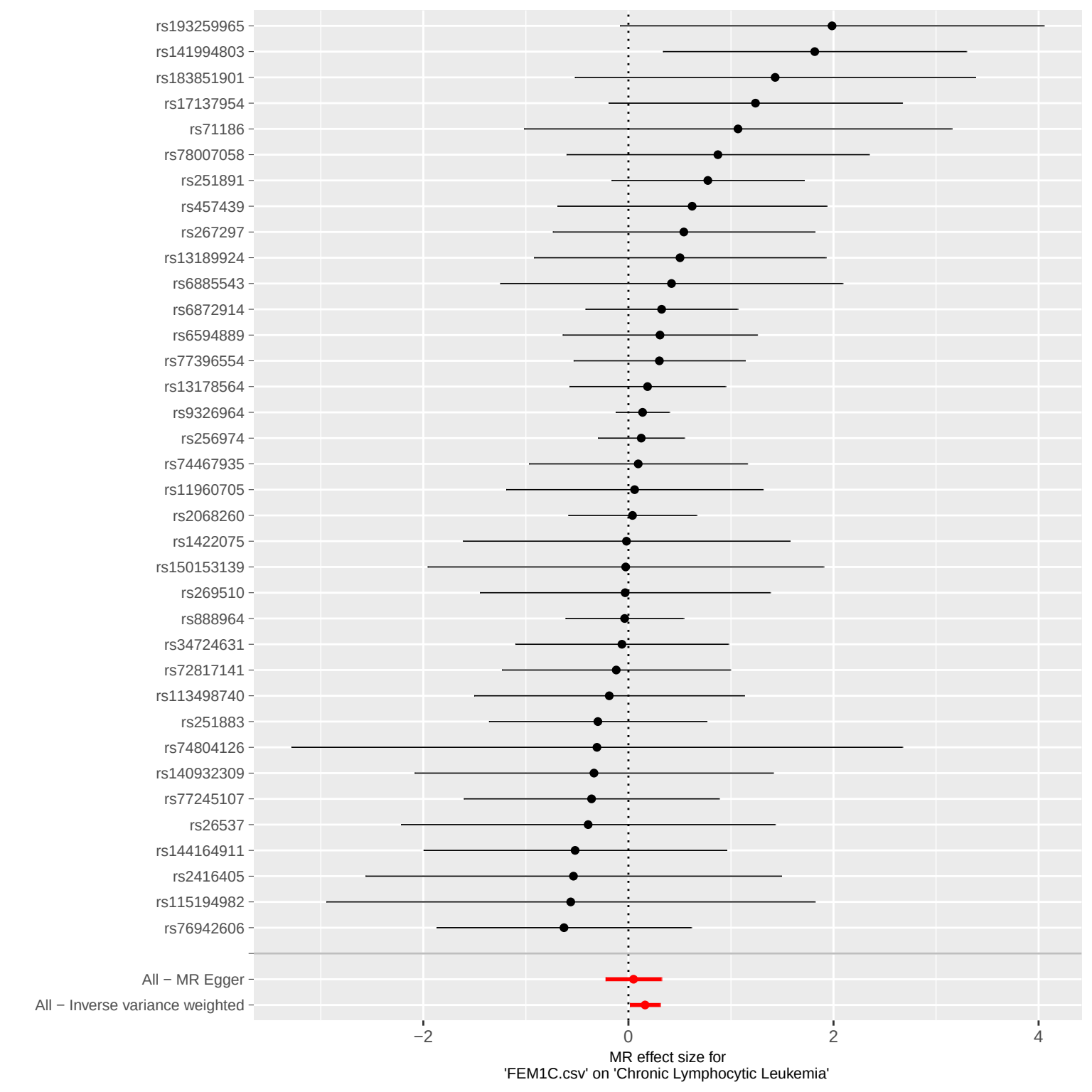
MR effect size for
'FDFT1.csv' on 'Chronic Lymphocytic Leukemia'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rs74804126
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rs144164911
rs2416405
rs115194982
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All − MR Egger
All − Inverse variance weighted
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2
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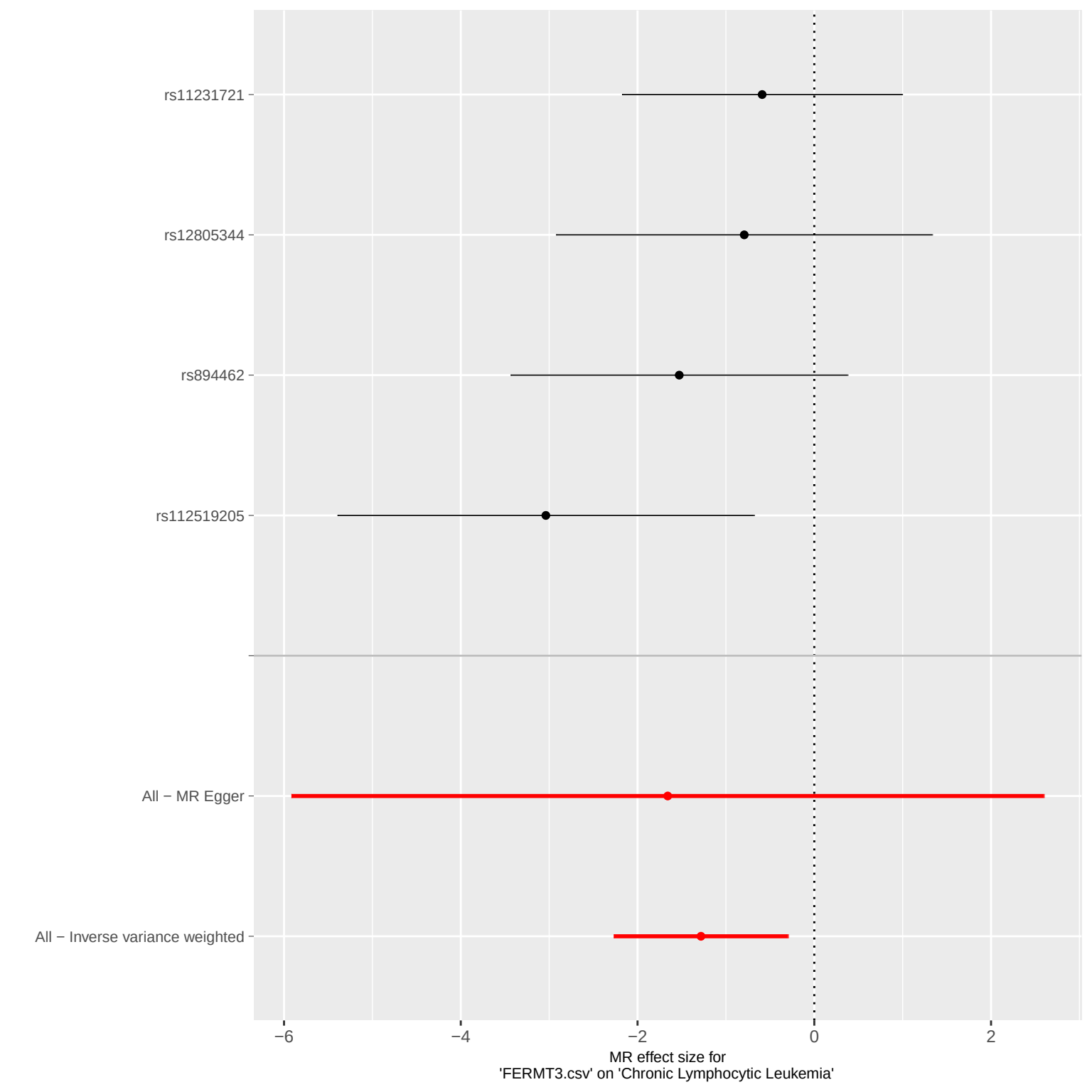
MR effect size for
'FEM1C.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−4
−2
0
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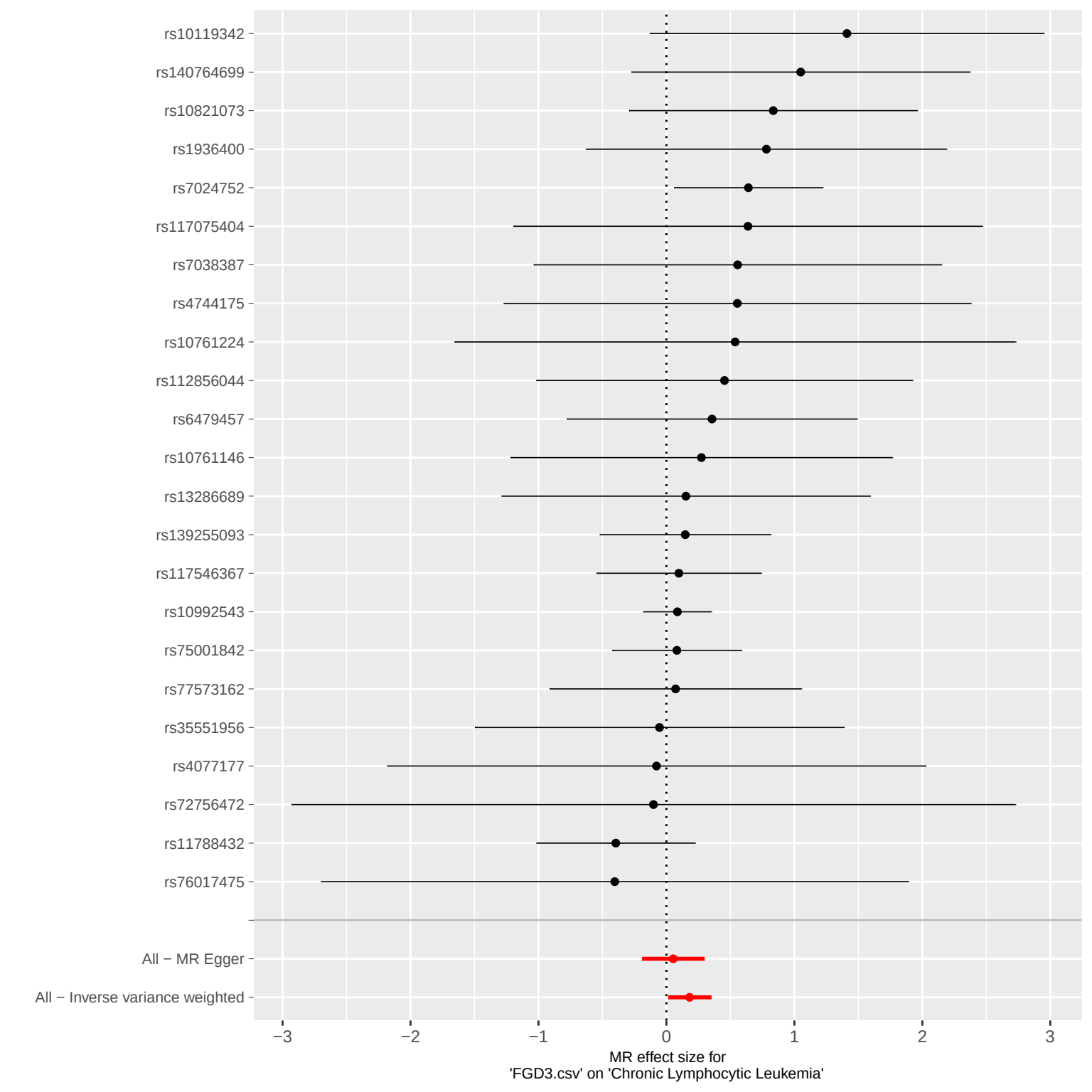
MR effect size for
'FERMT3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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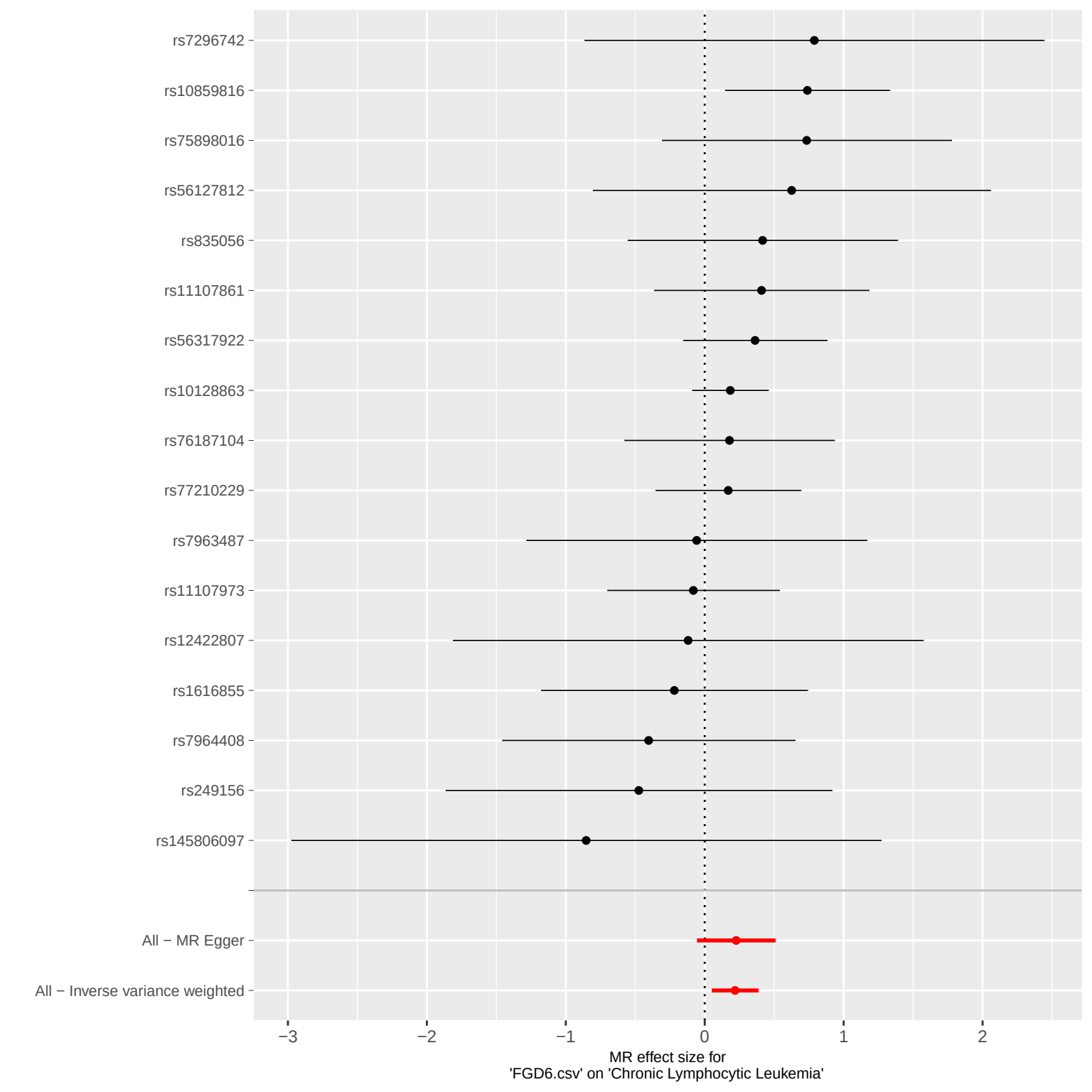
−2
−1
0
1
2
3
MR effect size for
'FGD3.csv' on 'Chronic Lymphocytic Leukemia'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rs1616855
rs7964408
rs249156
rs145806097
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All − Inverse variance weighted
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−2
−1
0
1
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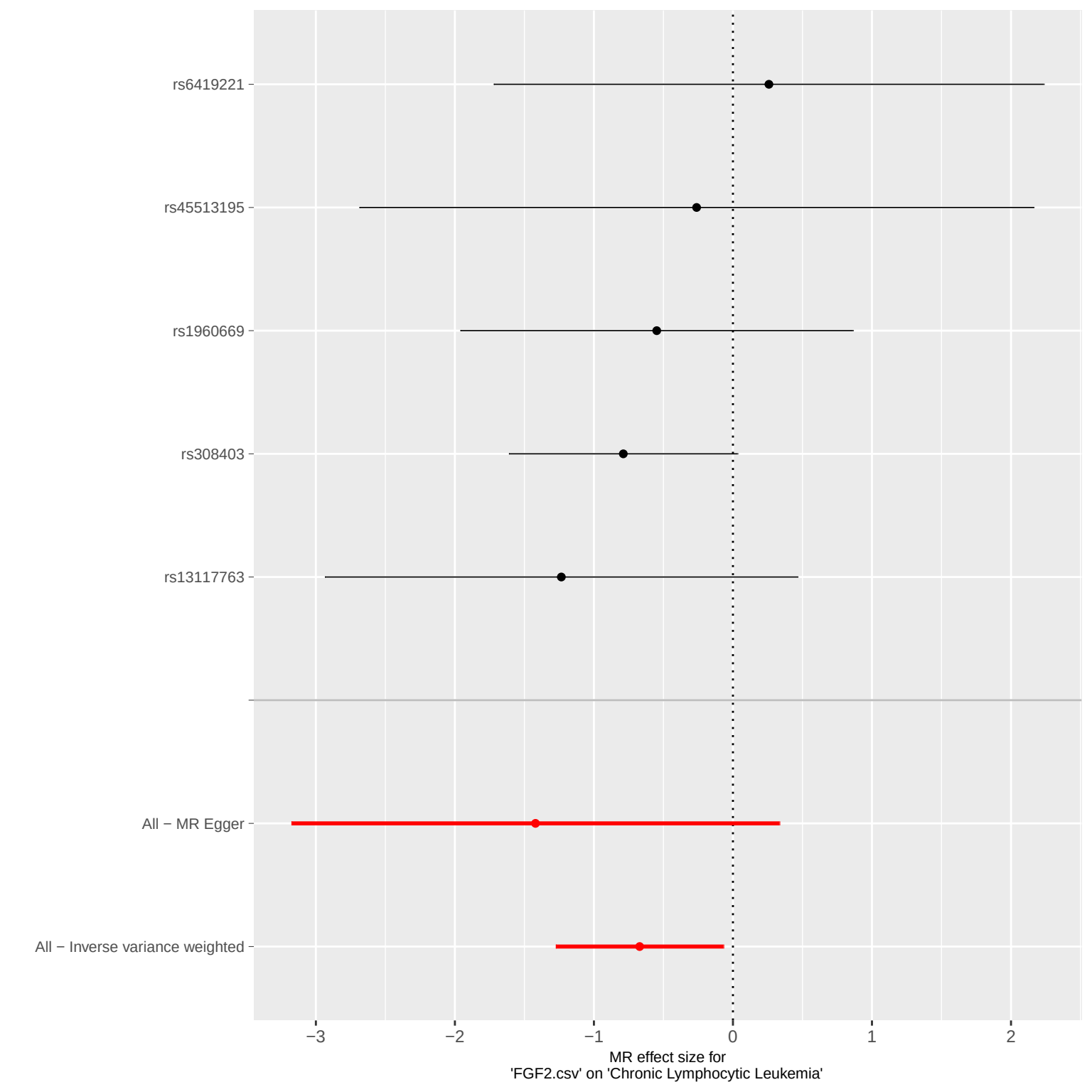
MR effect size for
'FGD6.csv' on 'Chronic Lymphocytic Leukemia'


rs6419221
rs45513195
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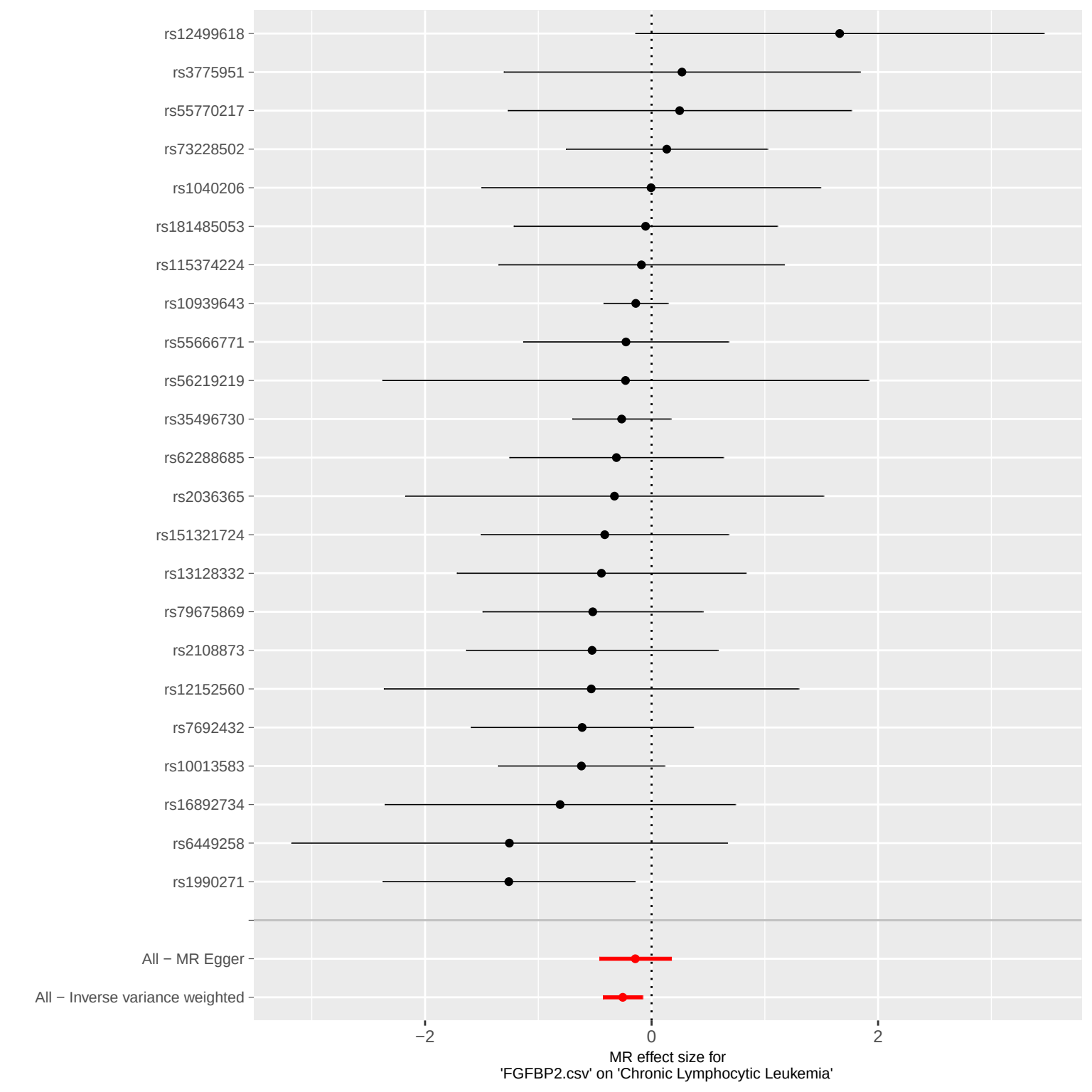
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'FGF2.csv' on 'Chronic Lymphocytic Leukemia'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rs79675869
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rs7692432
rs10013583
rs16892734
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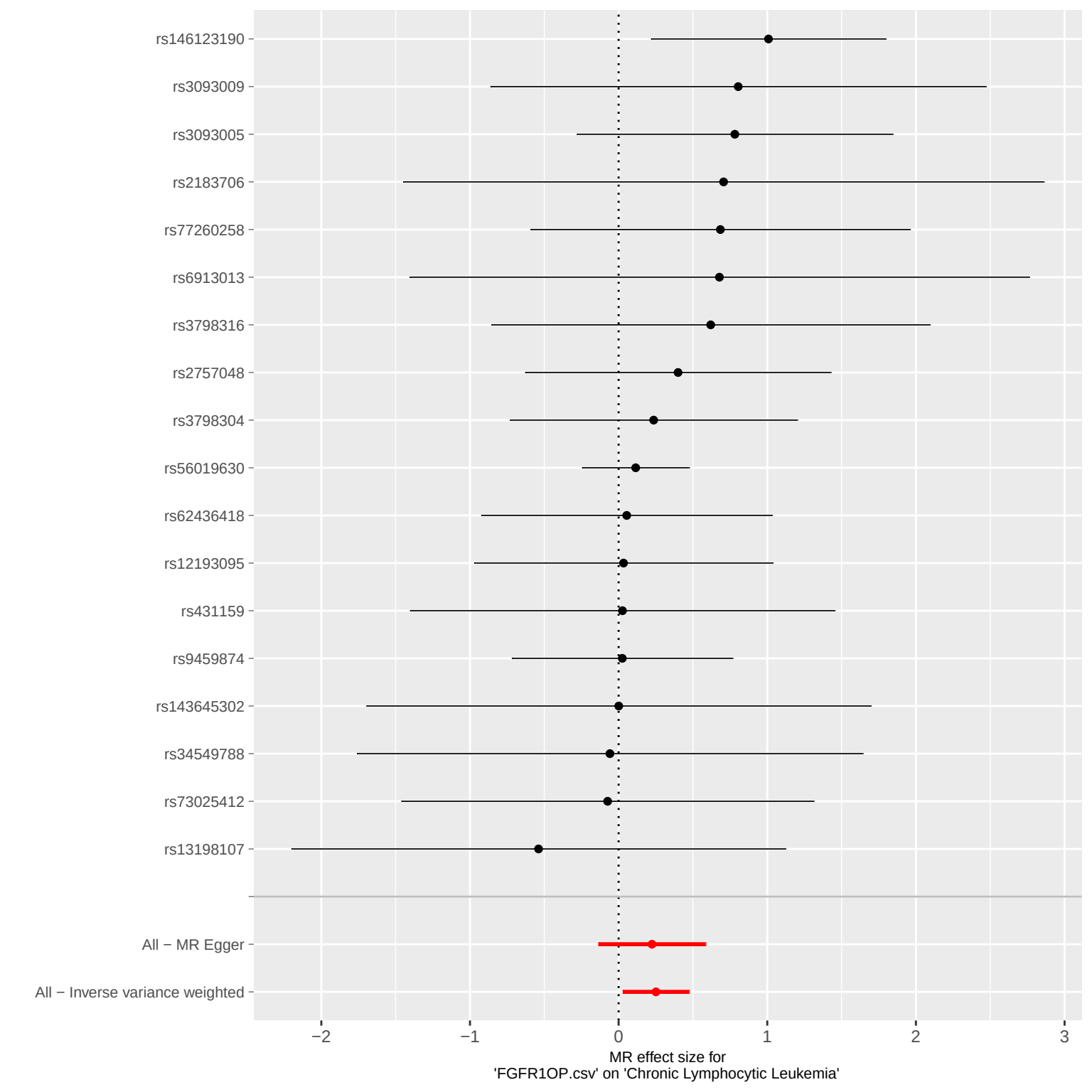
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'FGFBP2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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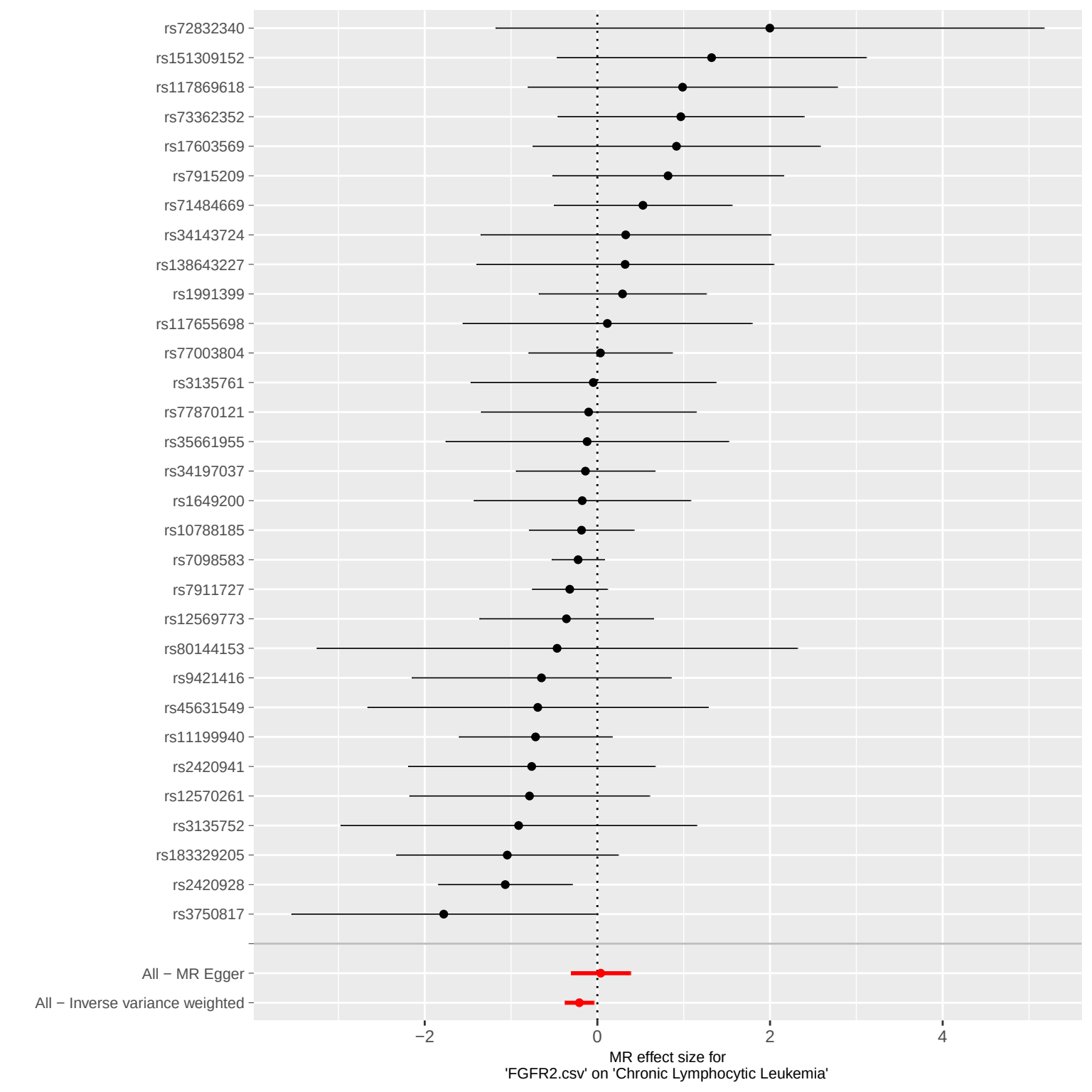
−1
0
1
2
3
MR effect size for
'FGFR1OP.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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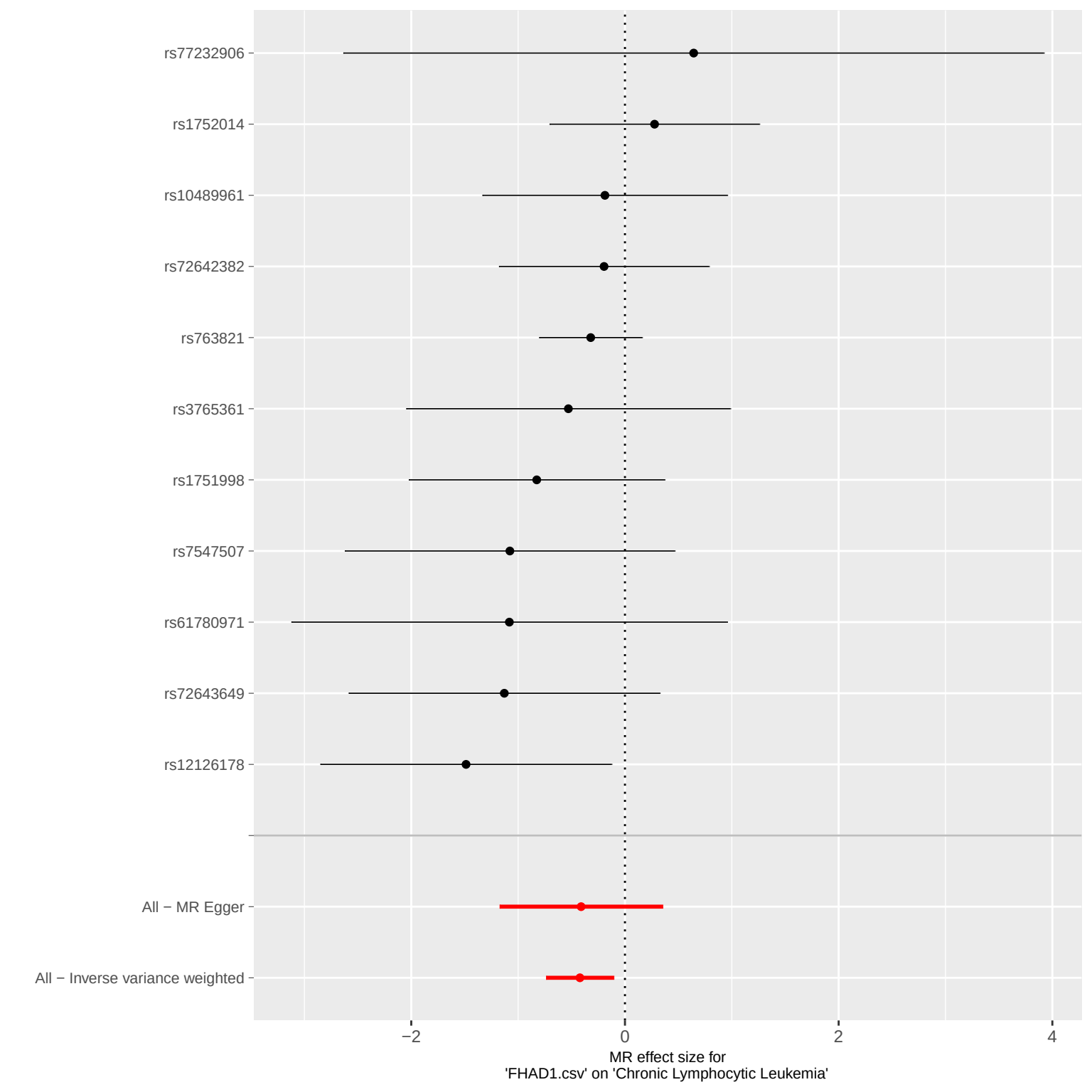
MR effect size for
'FGFR2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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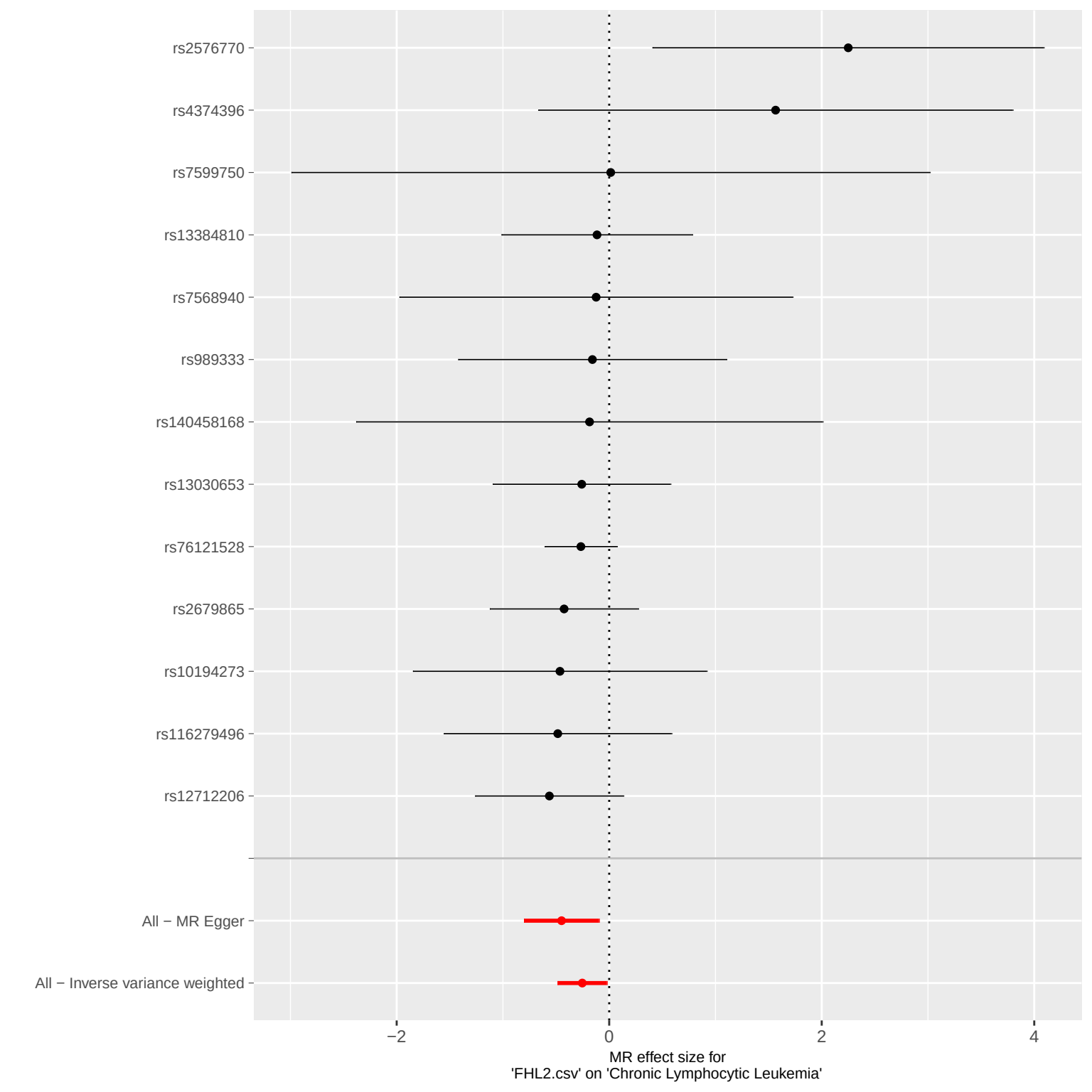
2
4
MR effect size for
'FHAD1.csv' on 'Chronic Lymphocytic Leukemia'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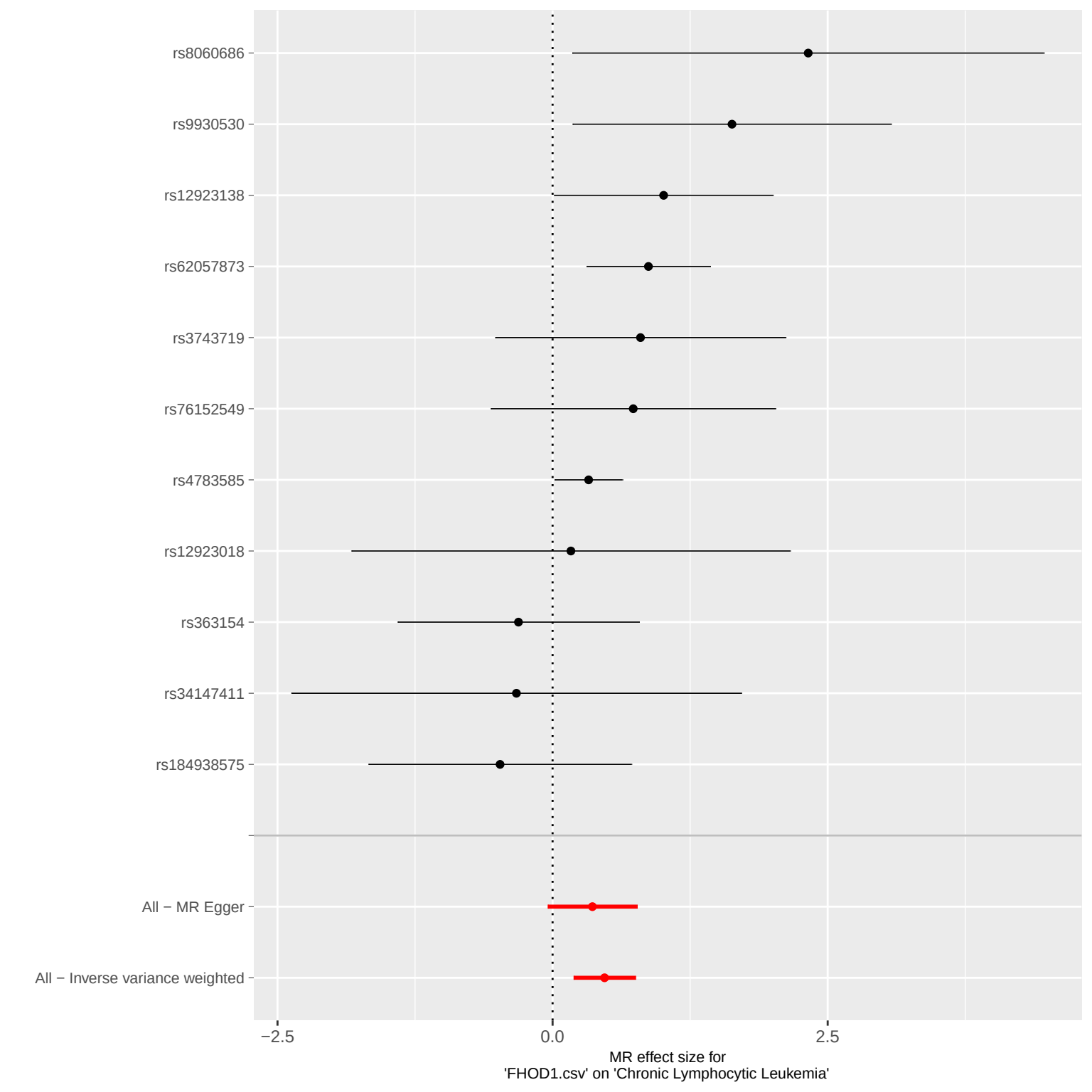
MR effect size for
'FHL2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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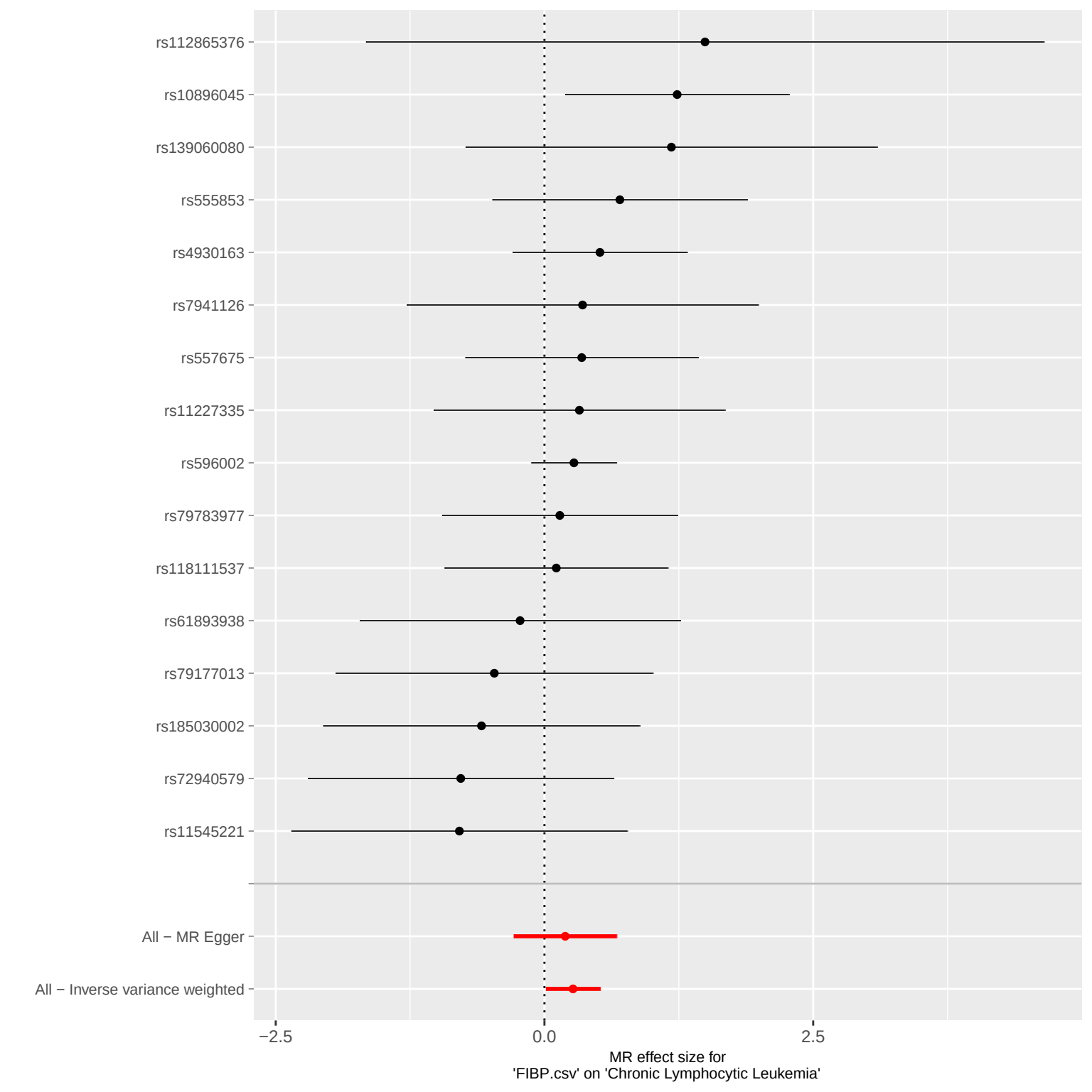
MR effect size for
'FHOD1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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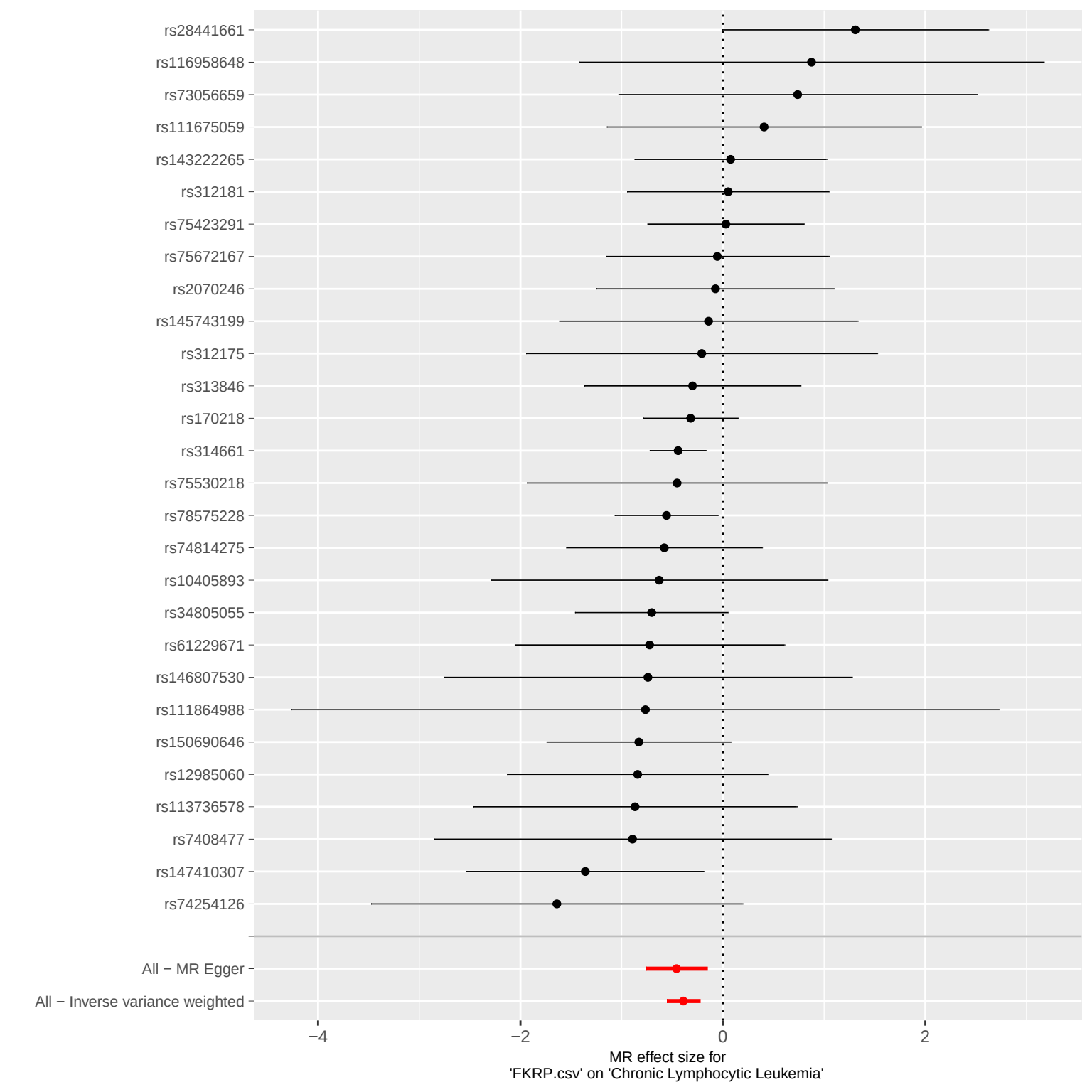
2.5
MR effect size for
'FIBP.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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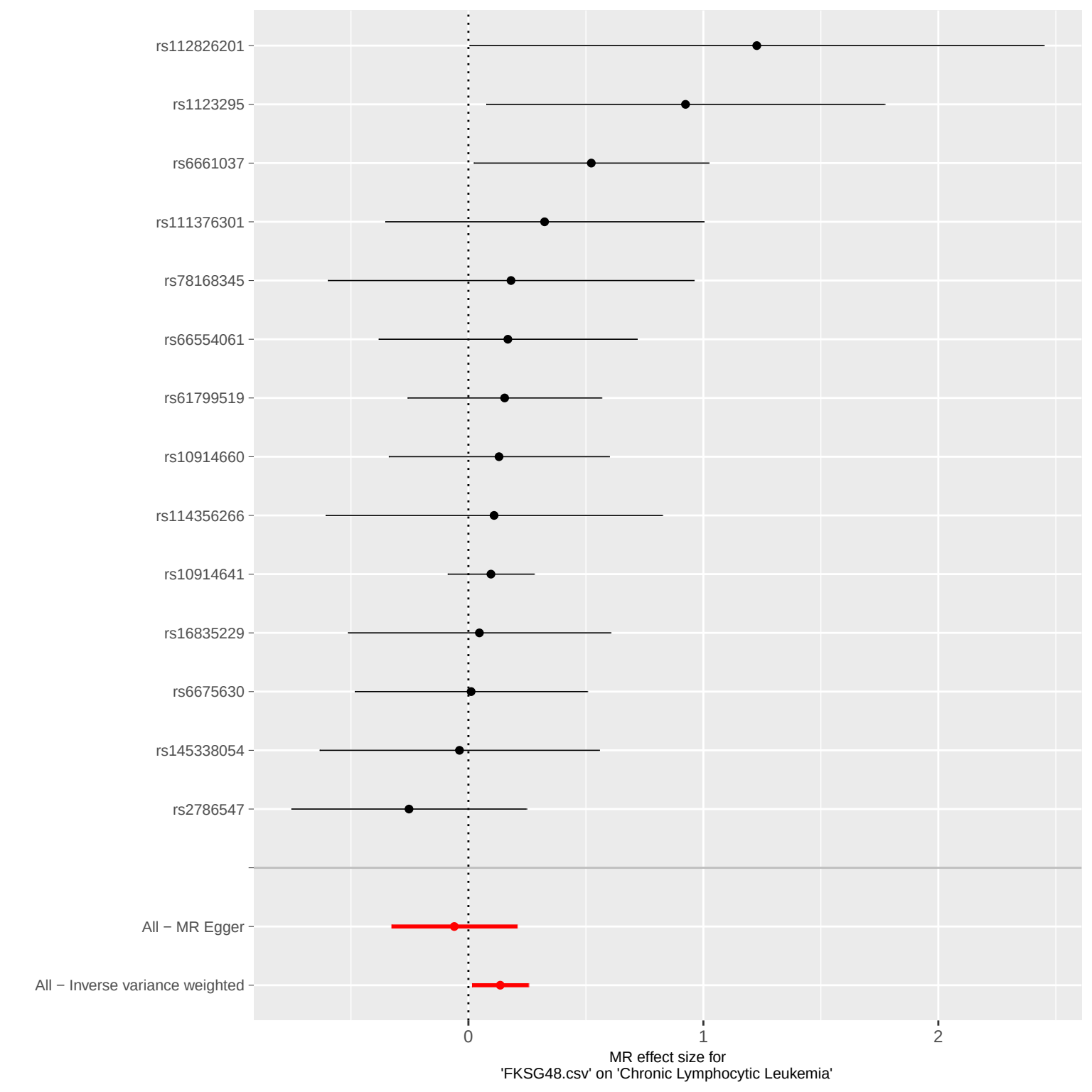
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rs6675630
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All − MR Egger
All − Inverse variance weighted
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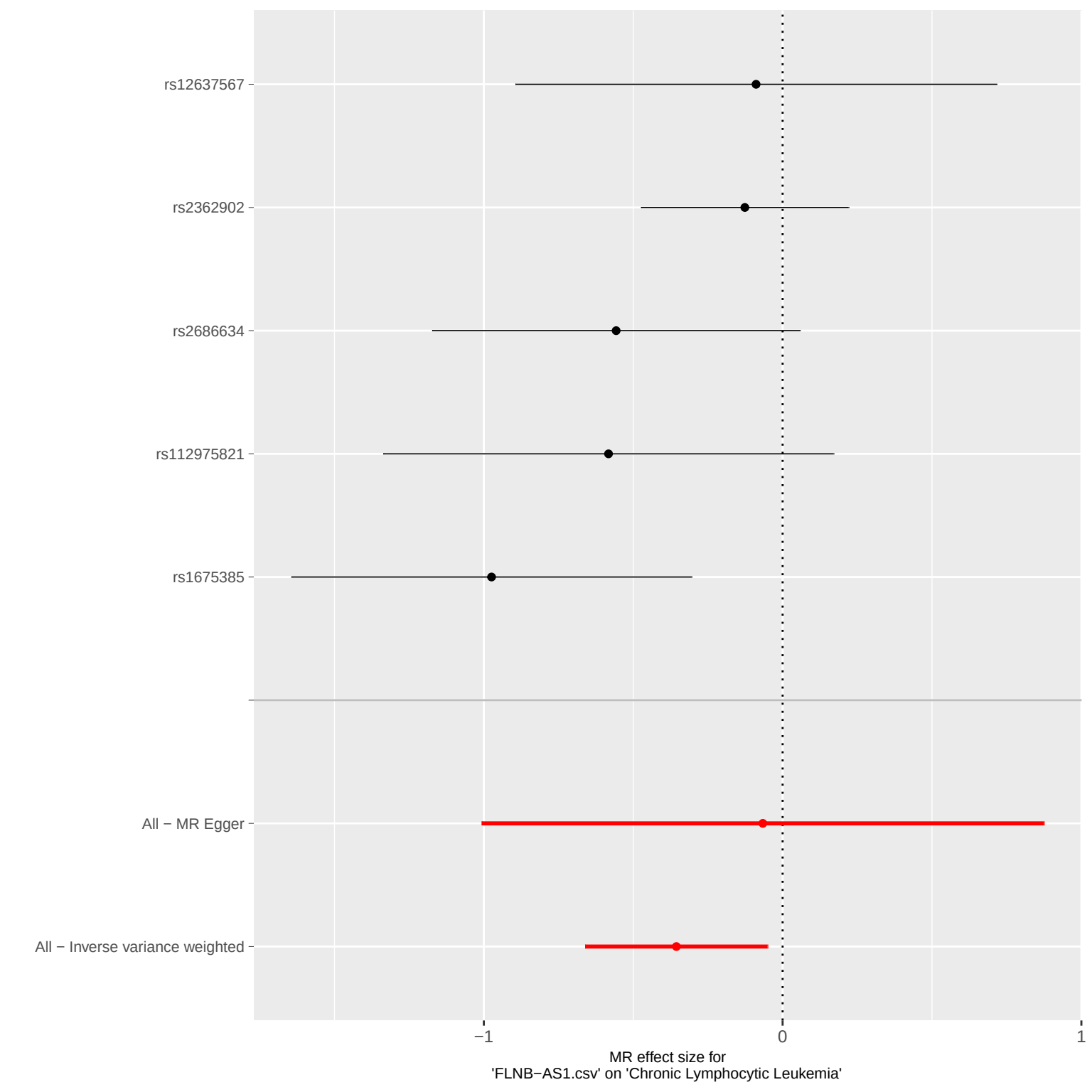
MR effect size for
'FKSG48.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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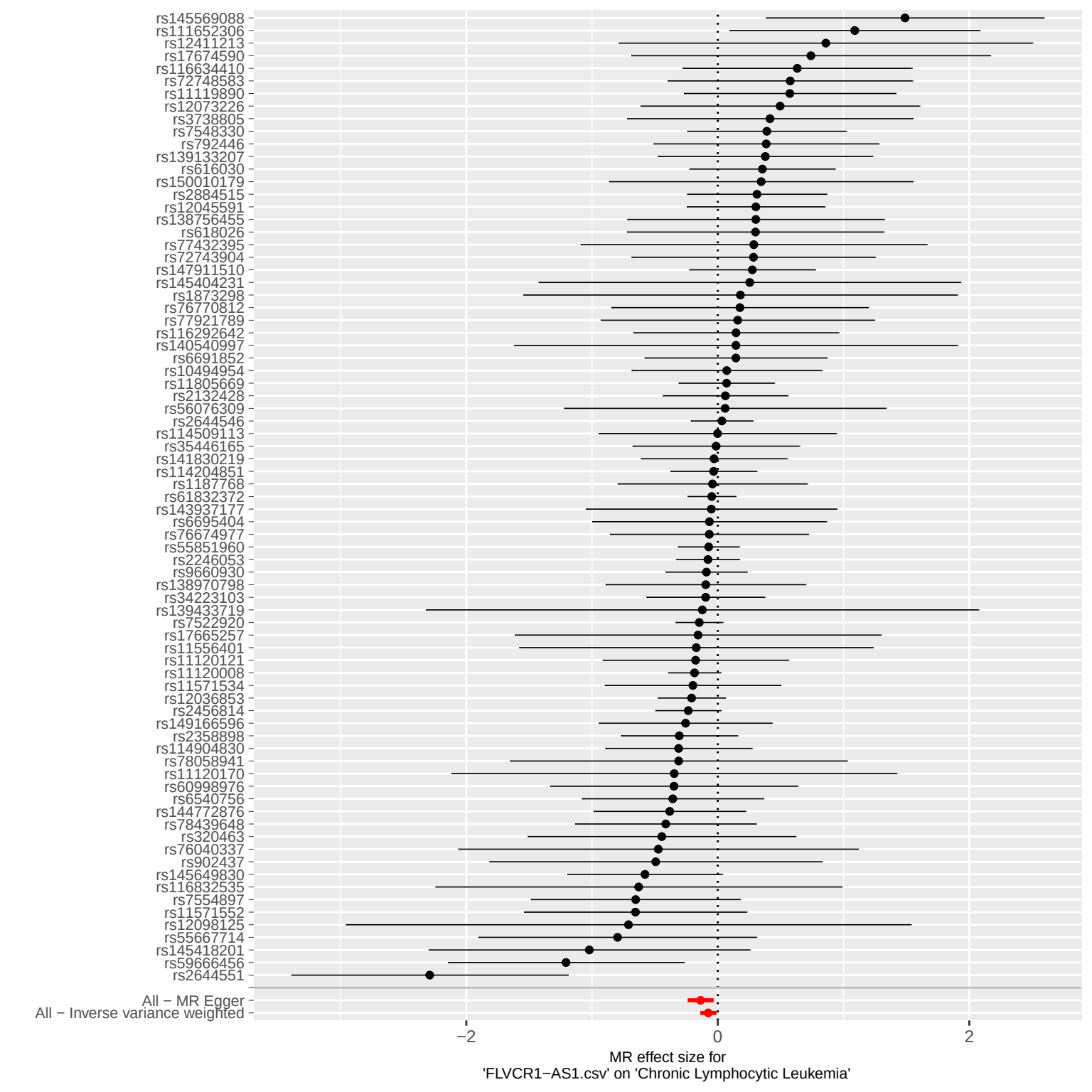
MR effect size for
'FLNB−AS1.csv' on 'Chronic Lymphocytic Leukemia'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rs6540756
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rs78439648
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rs902437
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rs11571552
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All − MR Egger
All − Inverse variance weighted
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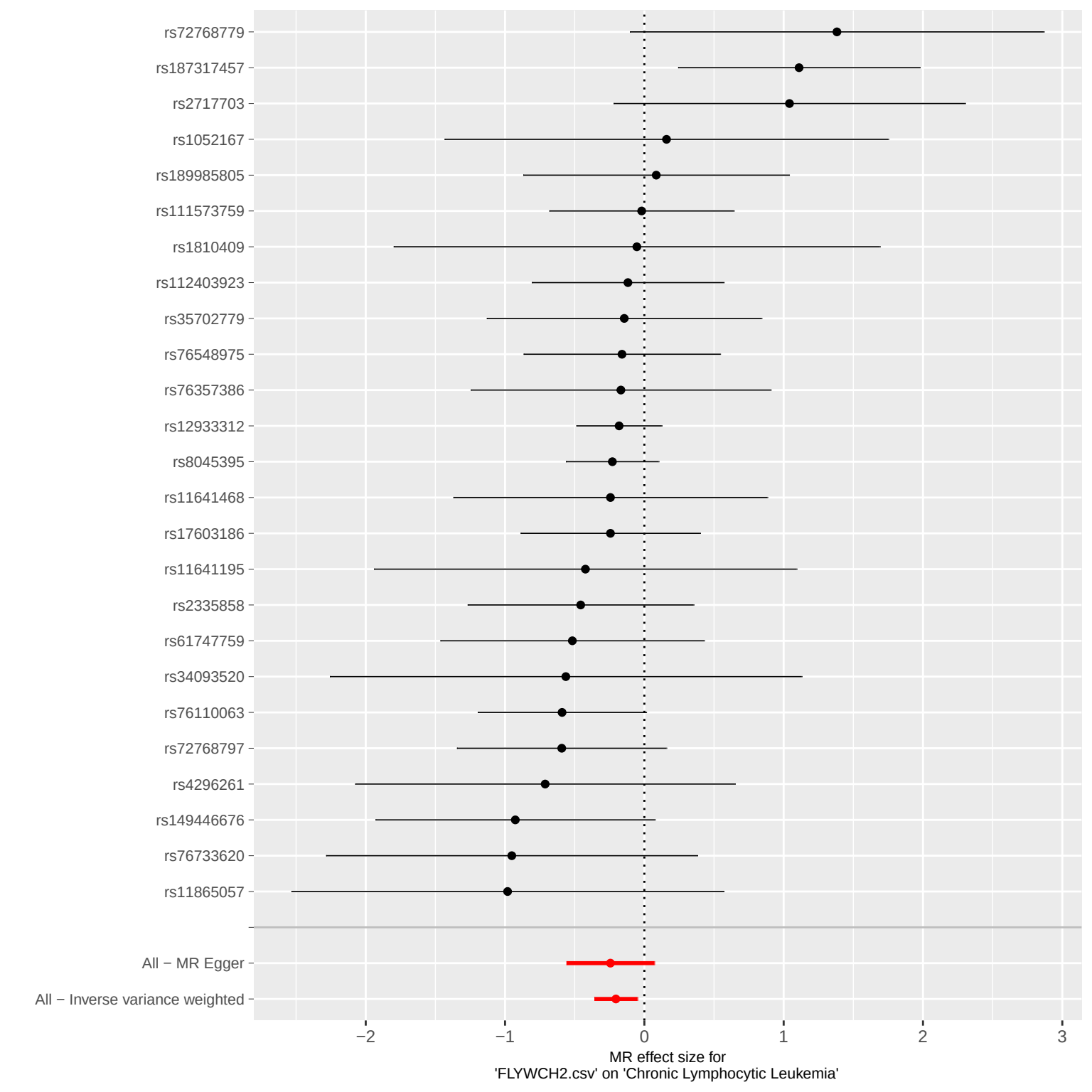
MR effect size for
'FLVCR1−AS1.csv' on 'Chronic Lymphocytic Leukemia'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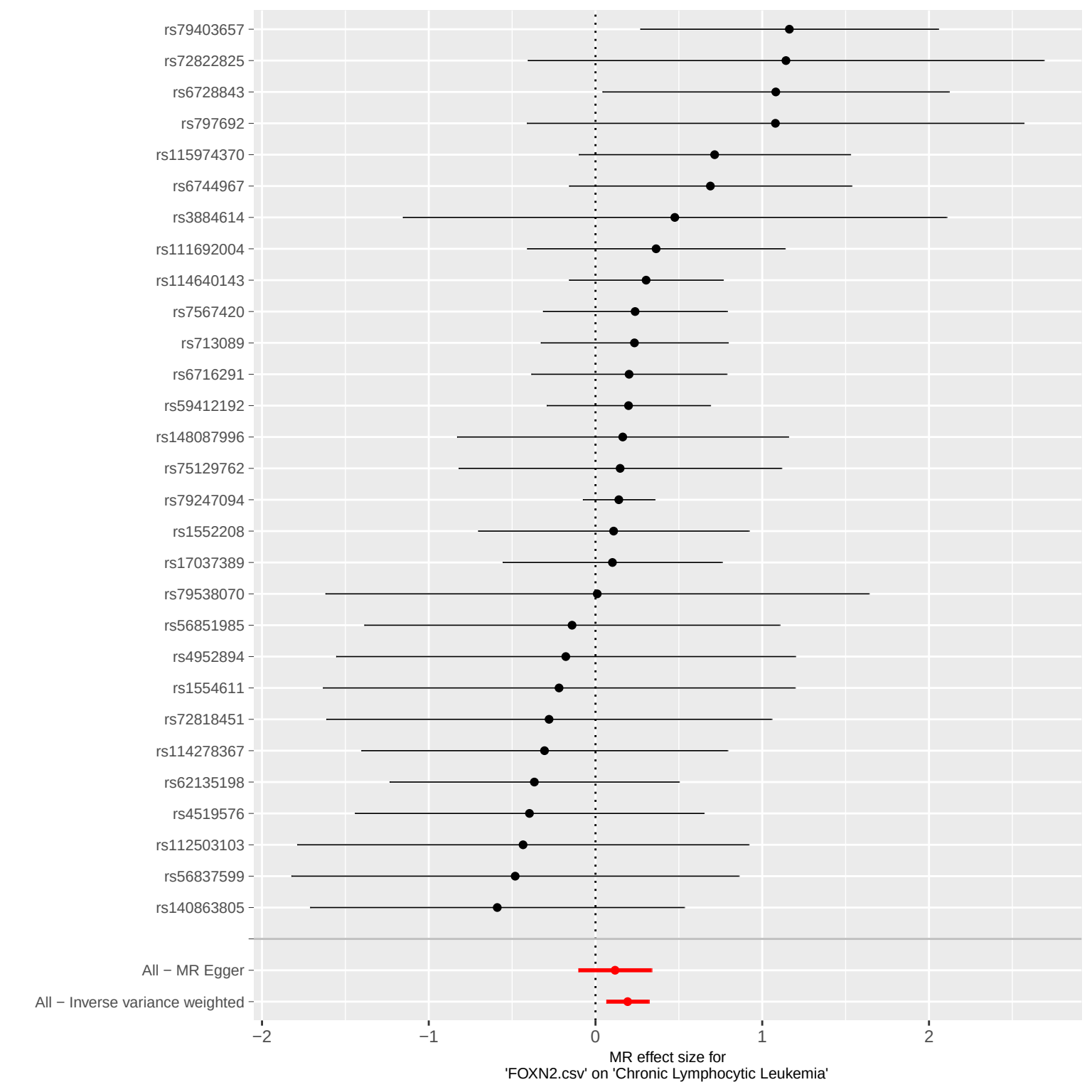
rs2335858
rs61747759
rs34093520
rs76110063
rs72768797
rs4296261
rs149446676
rs76733620
rs11865057
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'FLYWCH2.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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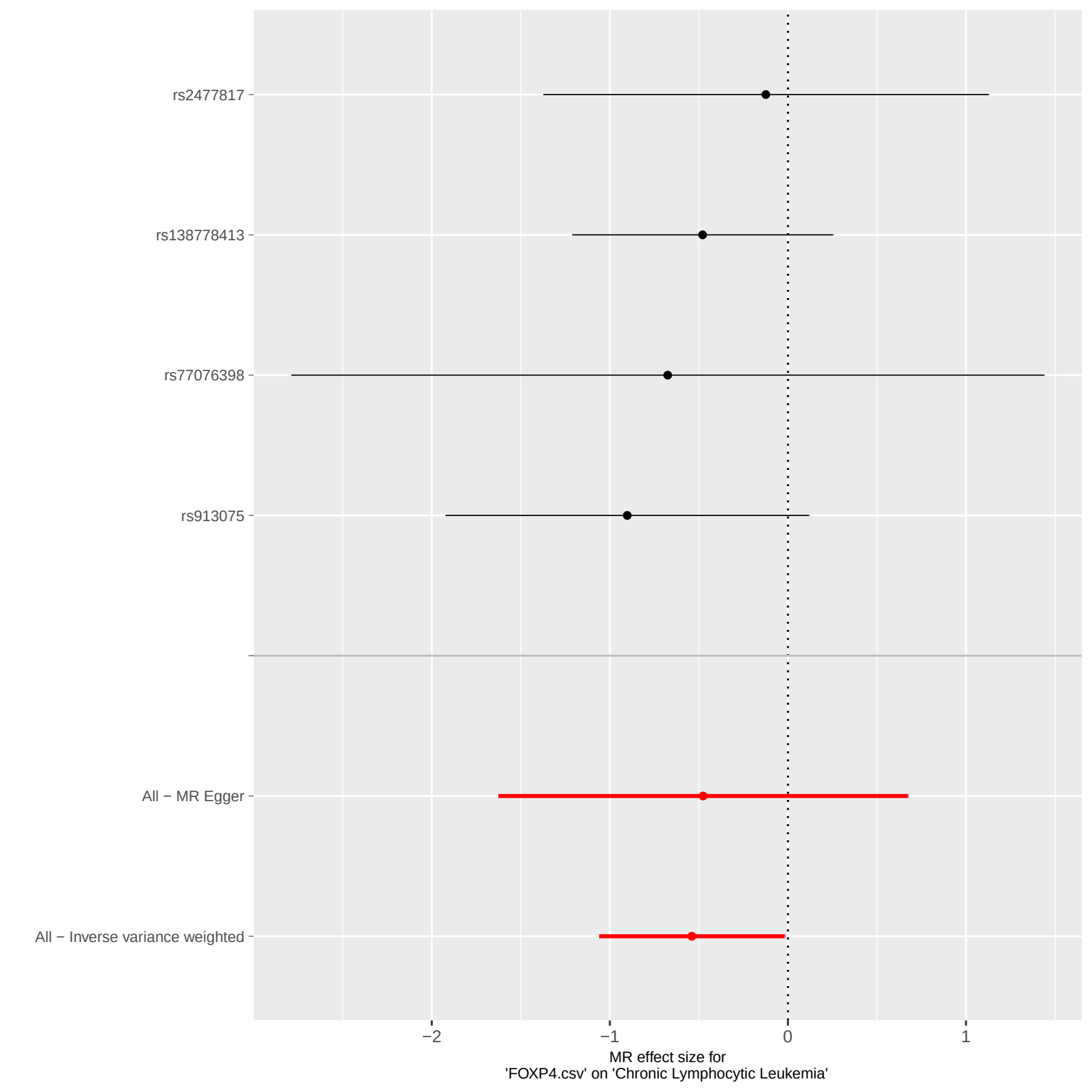
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MR effect size for
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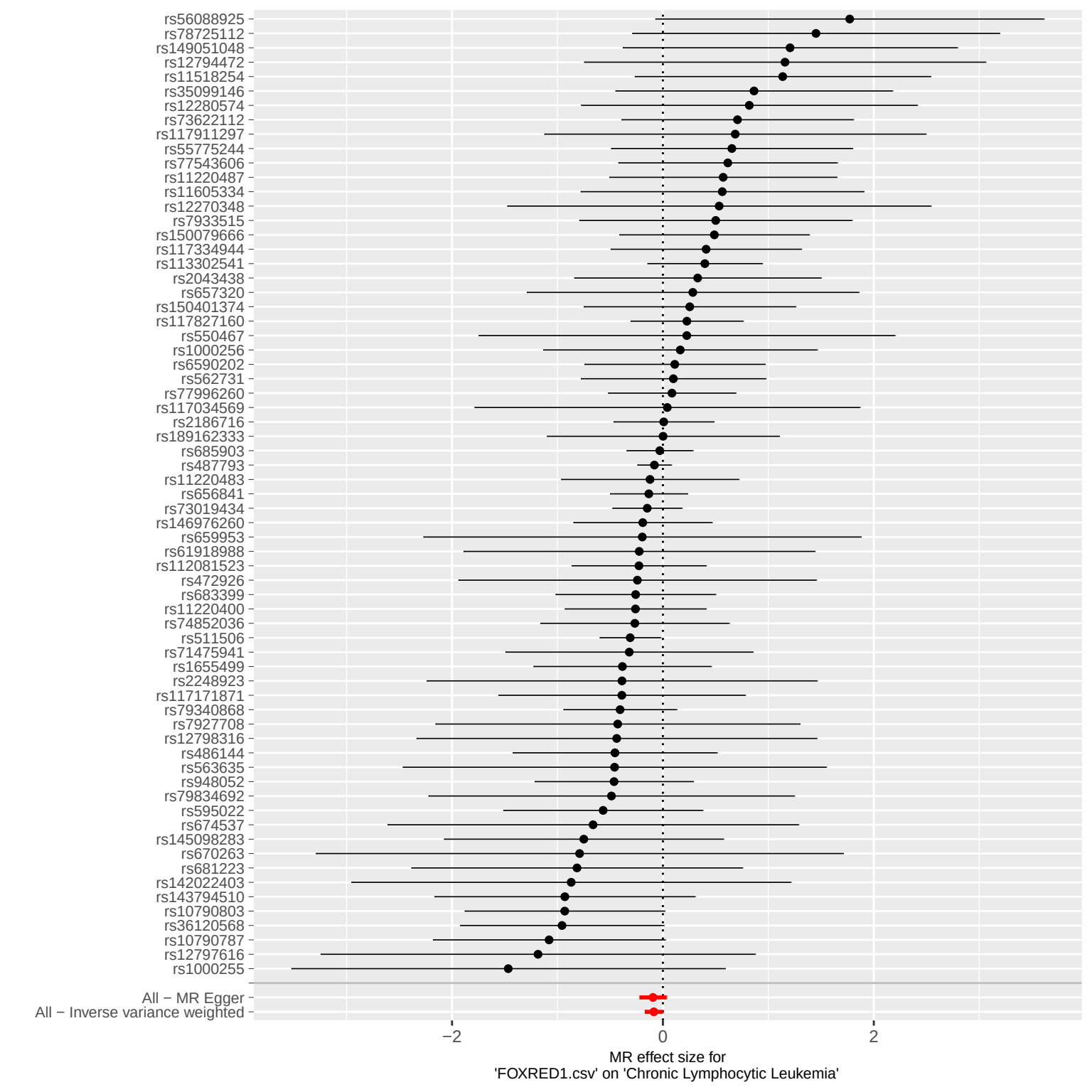
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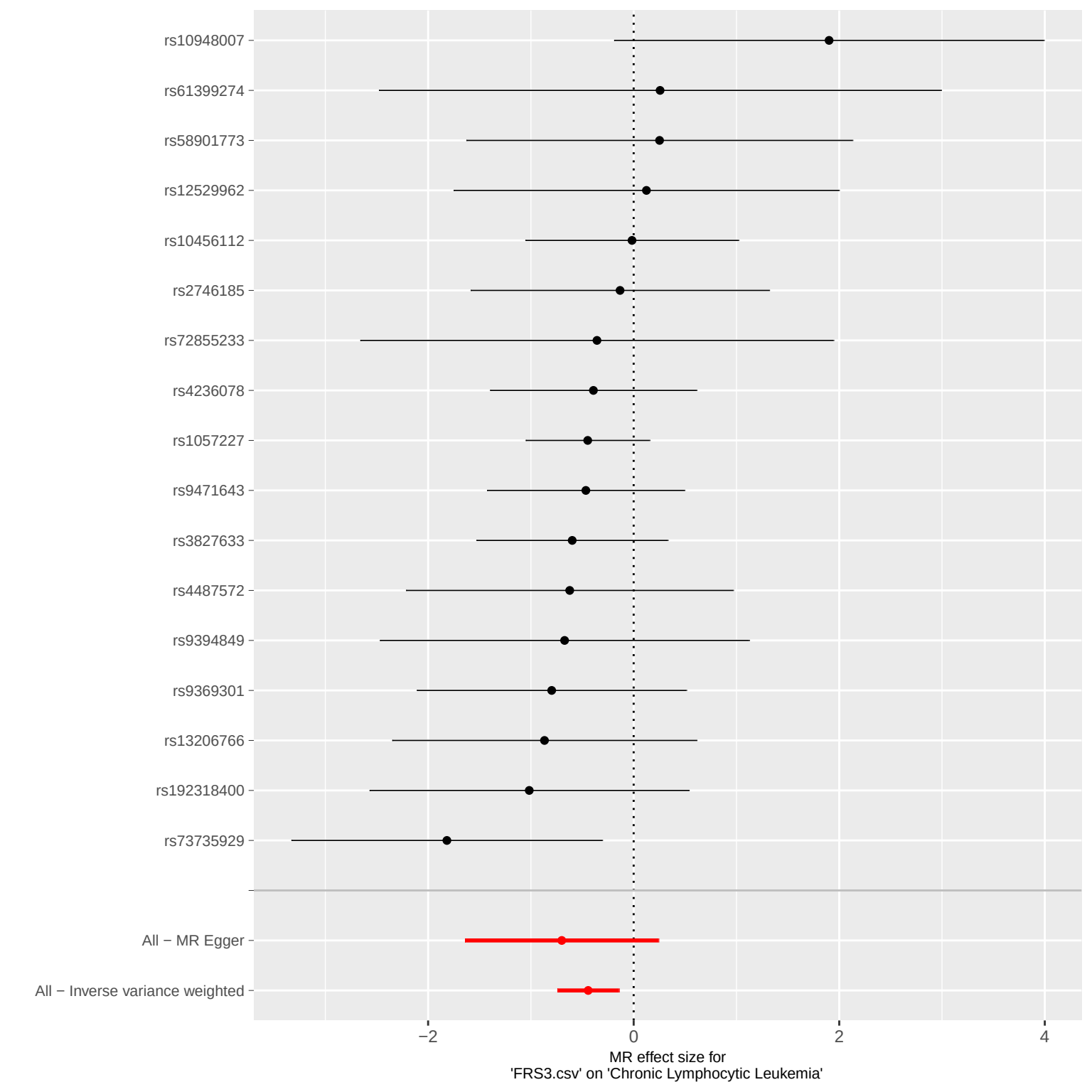
MR effect size for
'FOXRED1.csv' on 'Chronic Lymphocytic Leukemia'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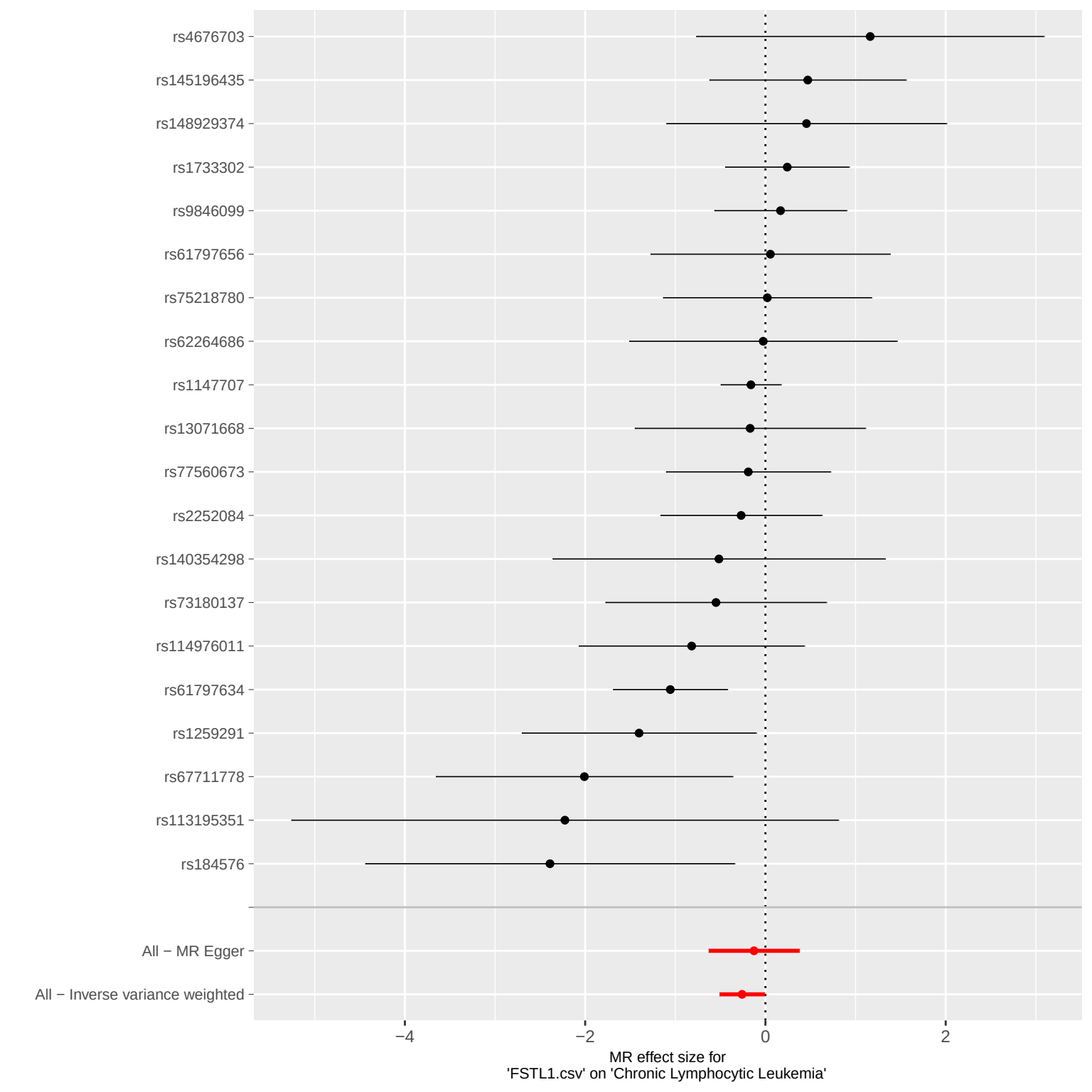
MR effect size for
'FRS3.csv' on 'Chronic Lymphocytic Leukemia'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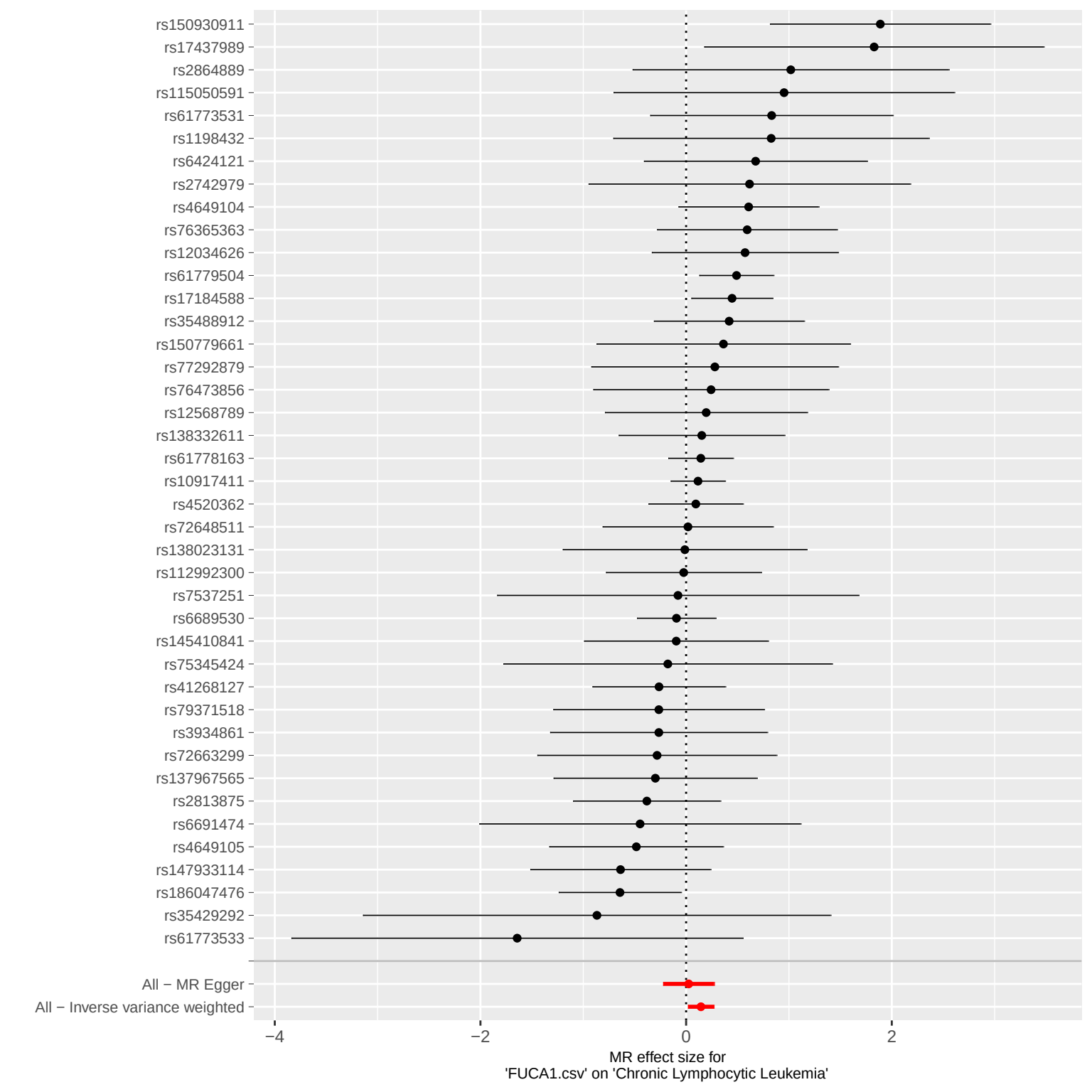
MR effect size for
'FSTL1.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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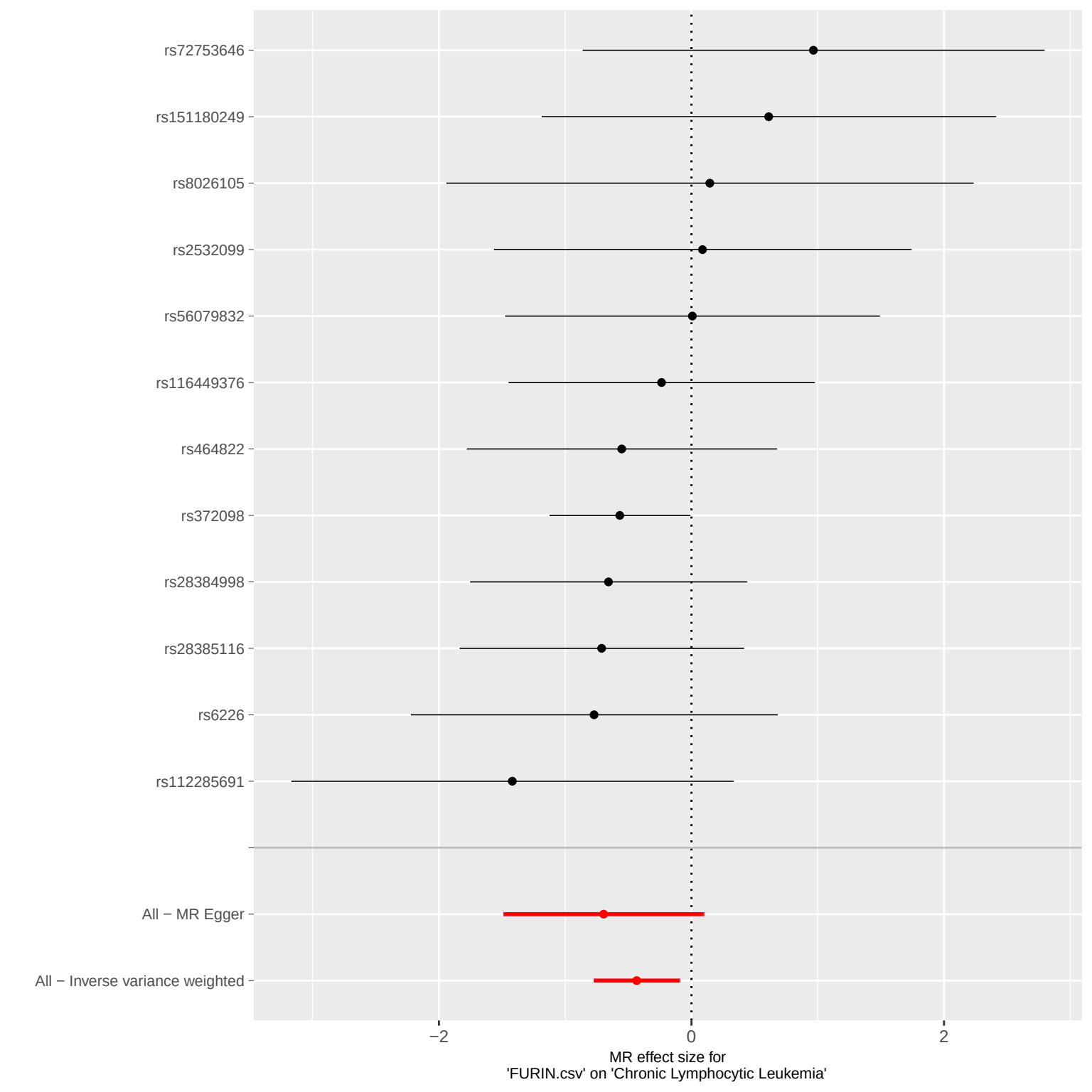
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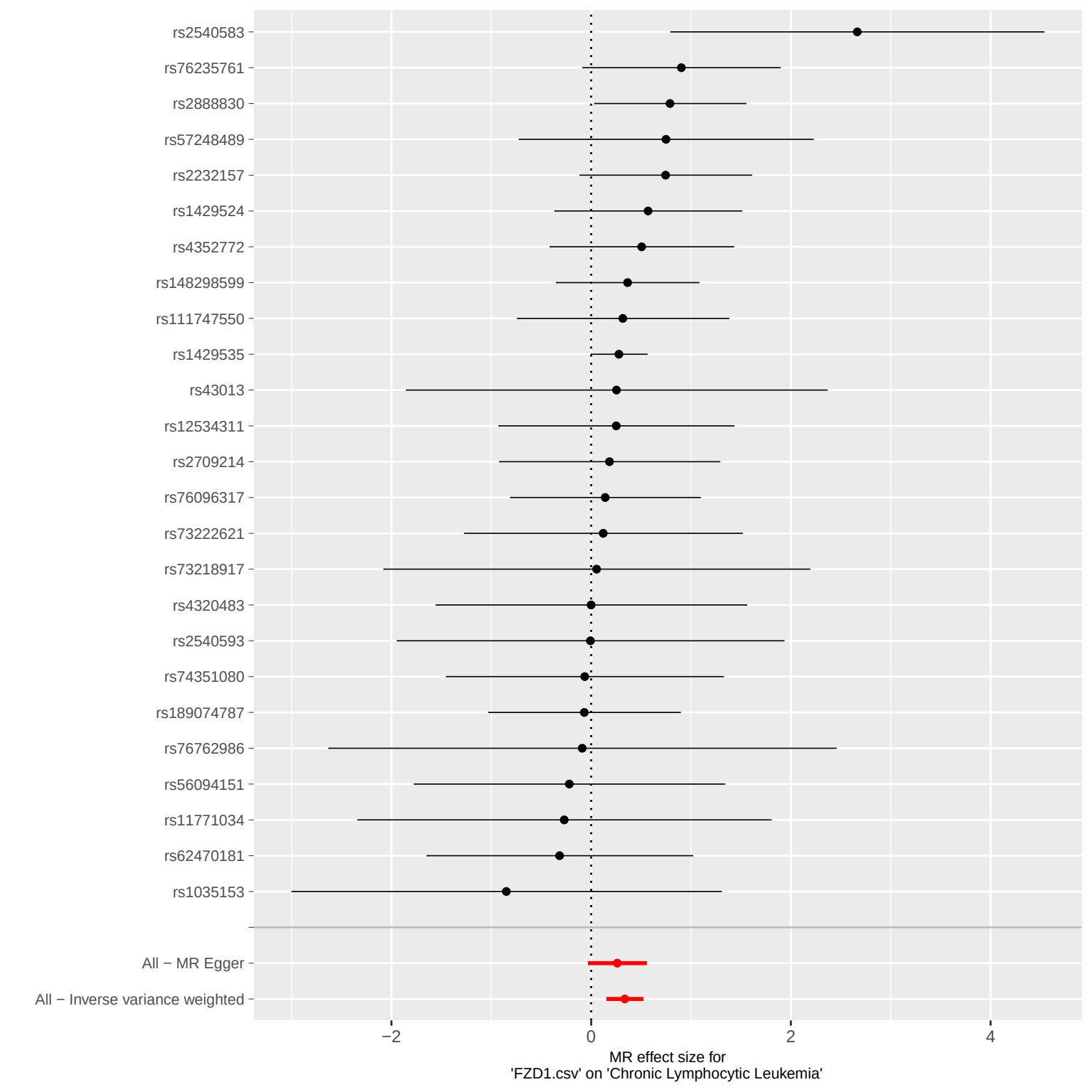
MR effect size for
'FURIN.csv' on 'Chronic Lymphocytic Leukemia'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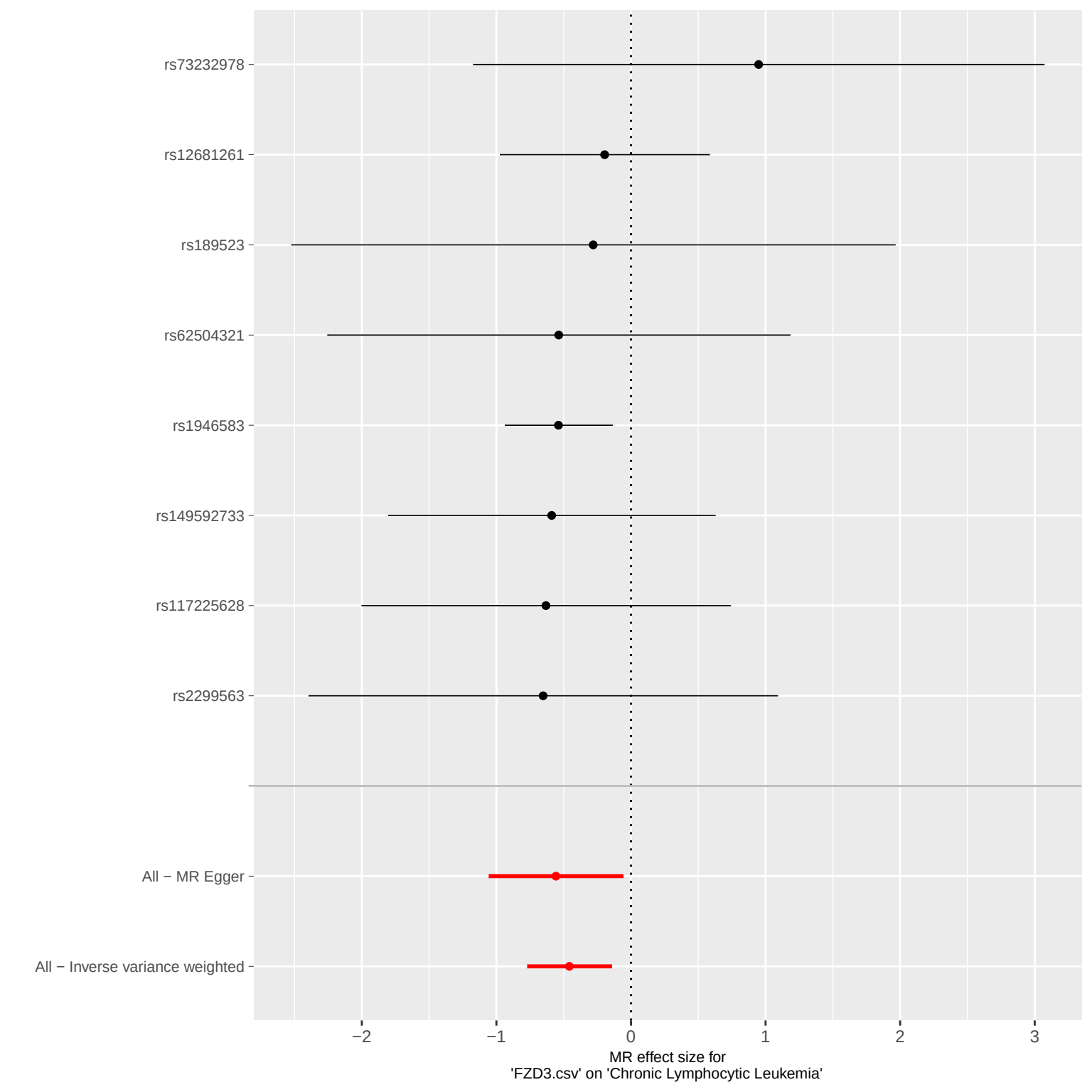
MR effect size for
'FZD1.csv' on 'Chronic Lymphocytic Leukemia'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1
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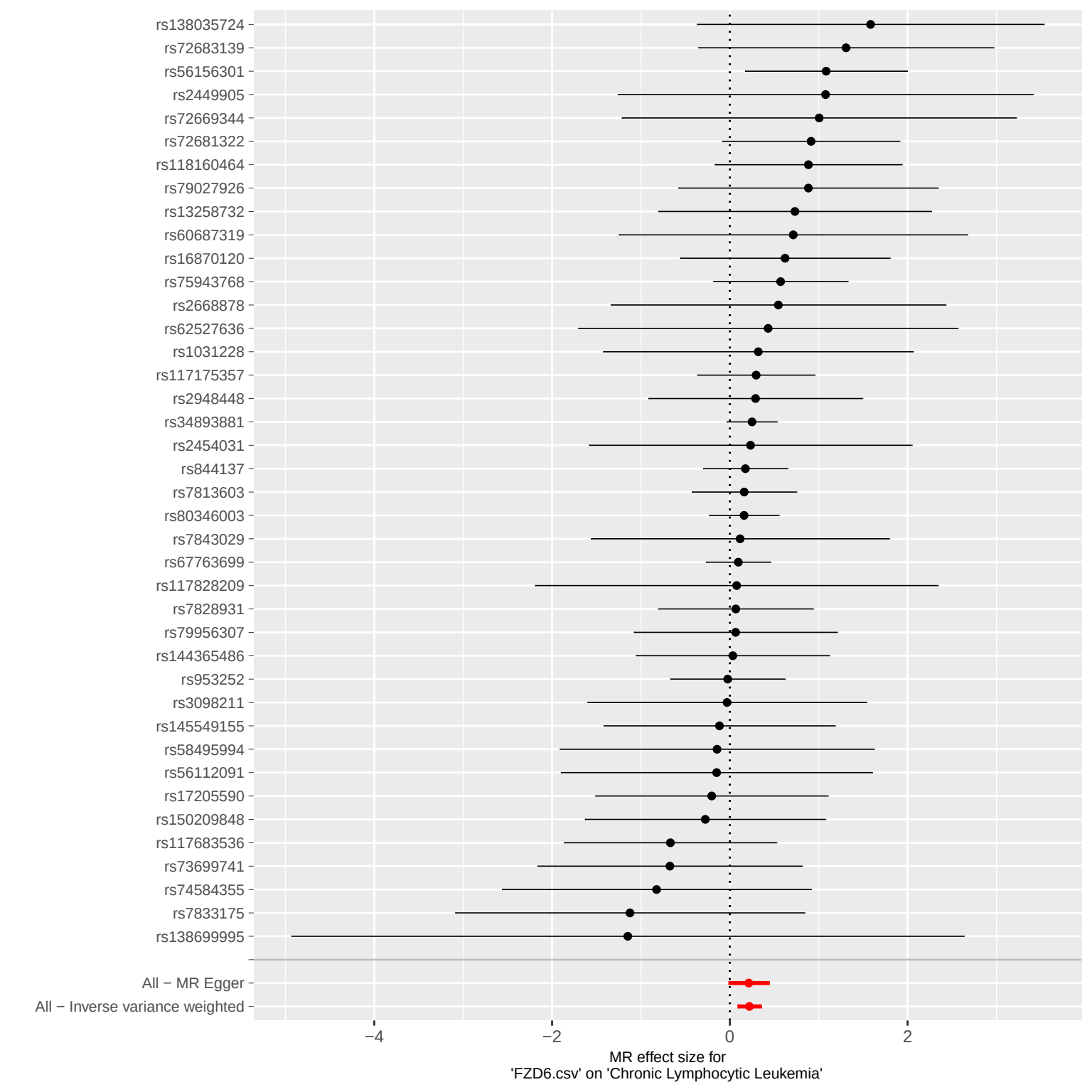
MR effect size for
'FZD3.csv' on 'Chronic Lymphocytic Leukemia'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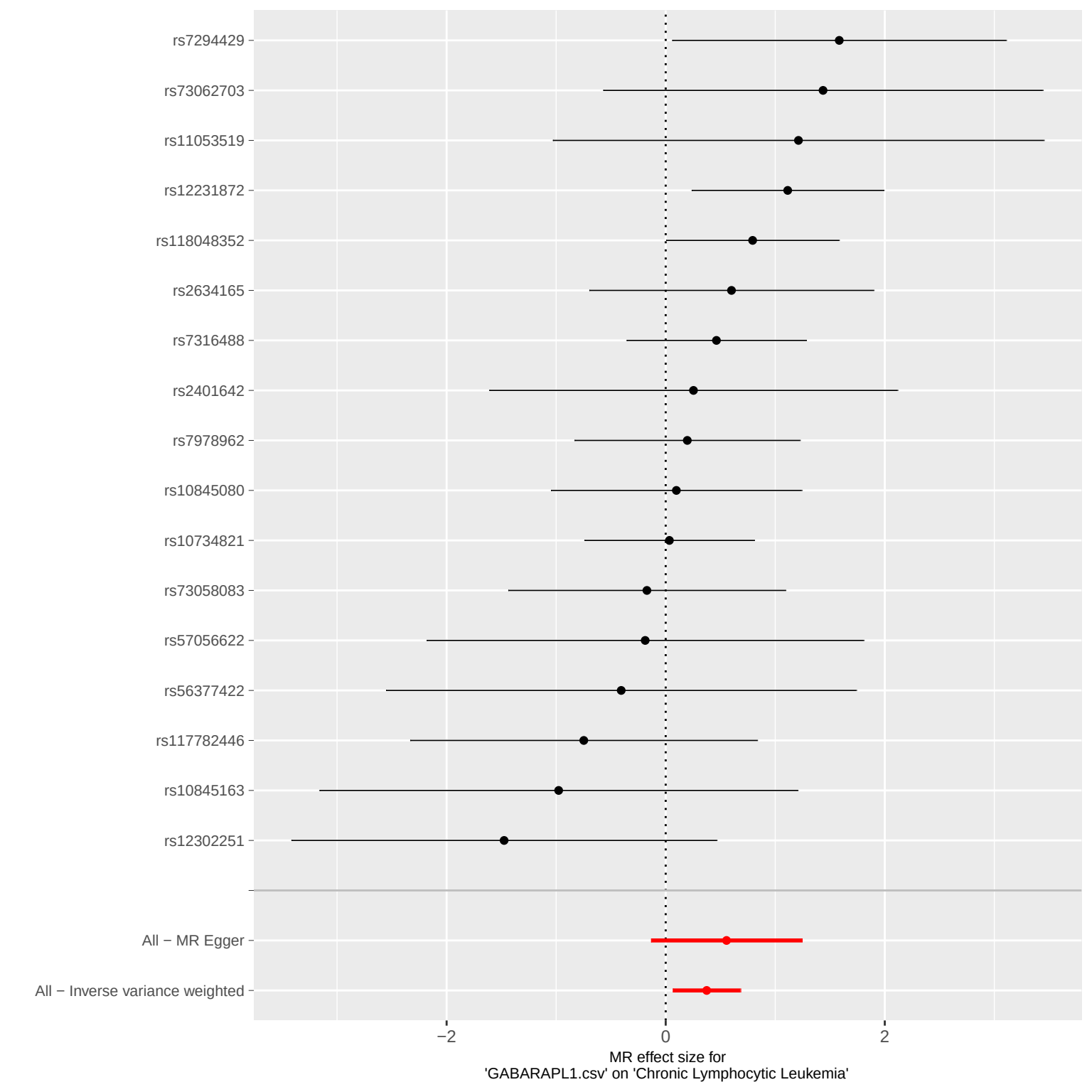
MR effect size for
'FZD6.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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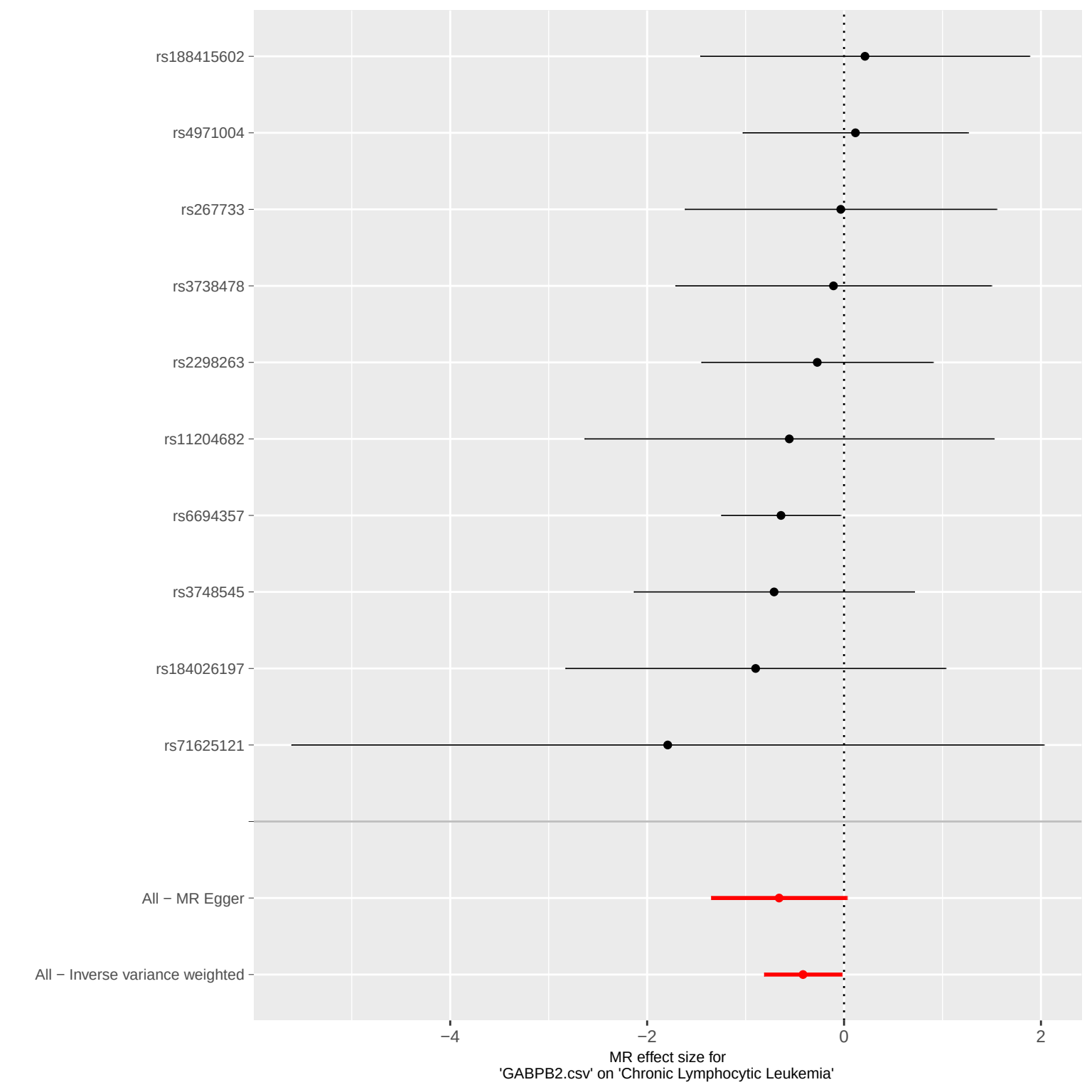
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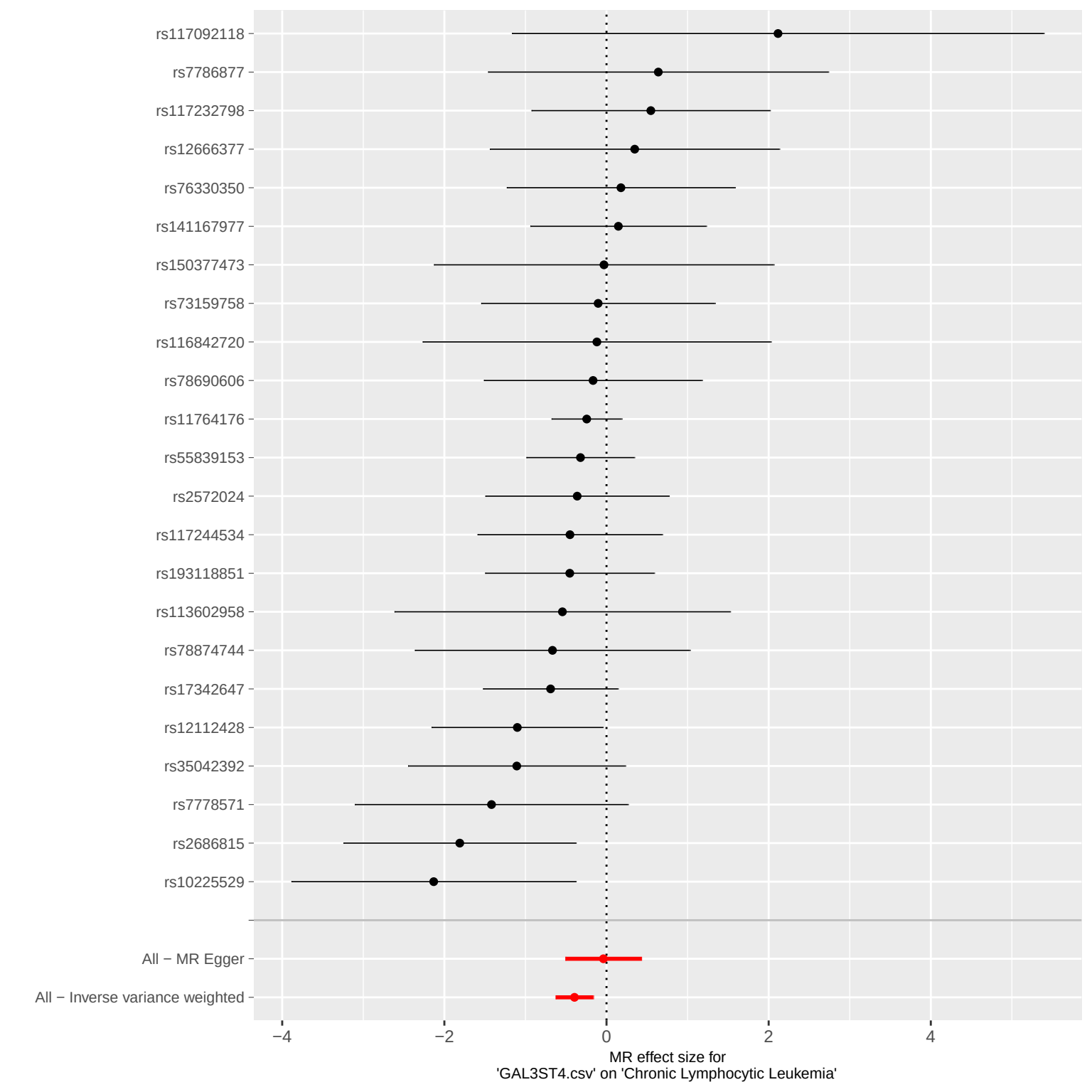
MR effect size for
'GABPB2.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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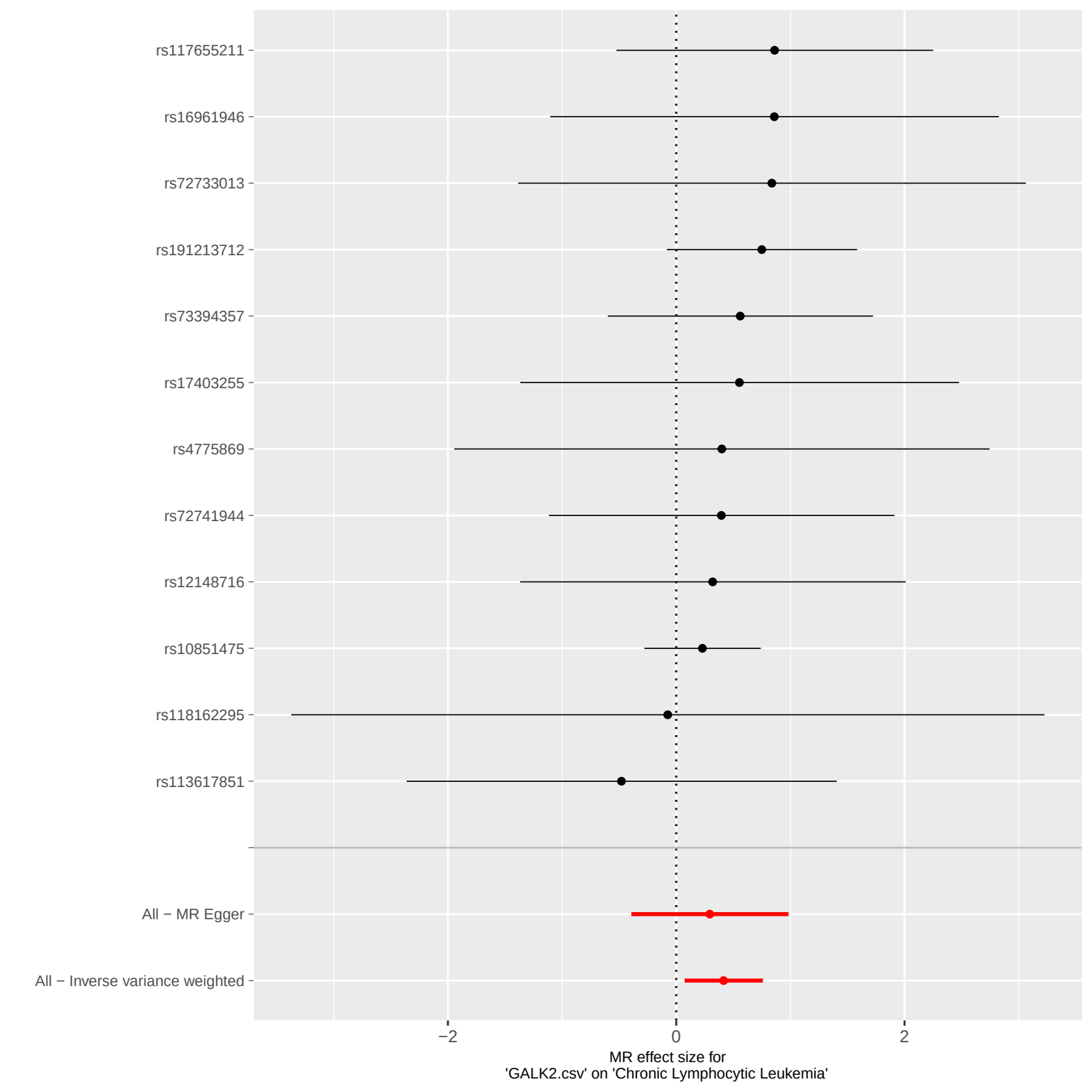
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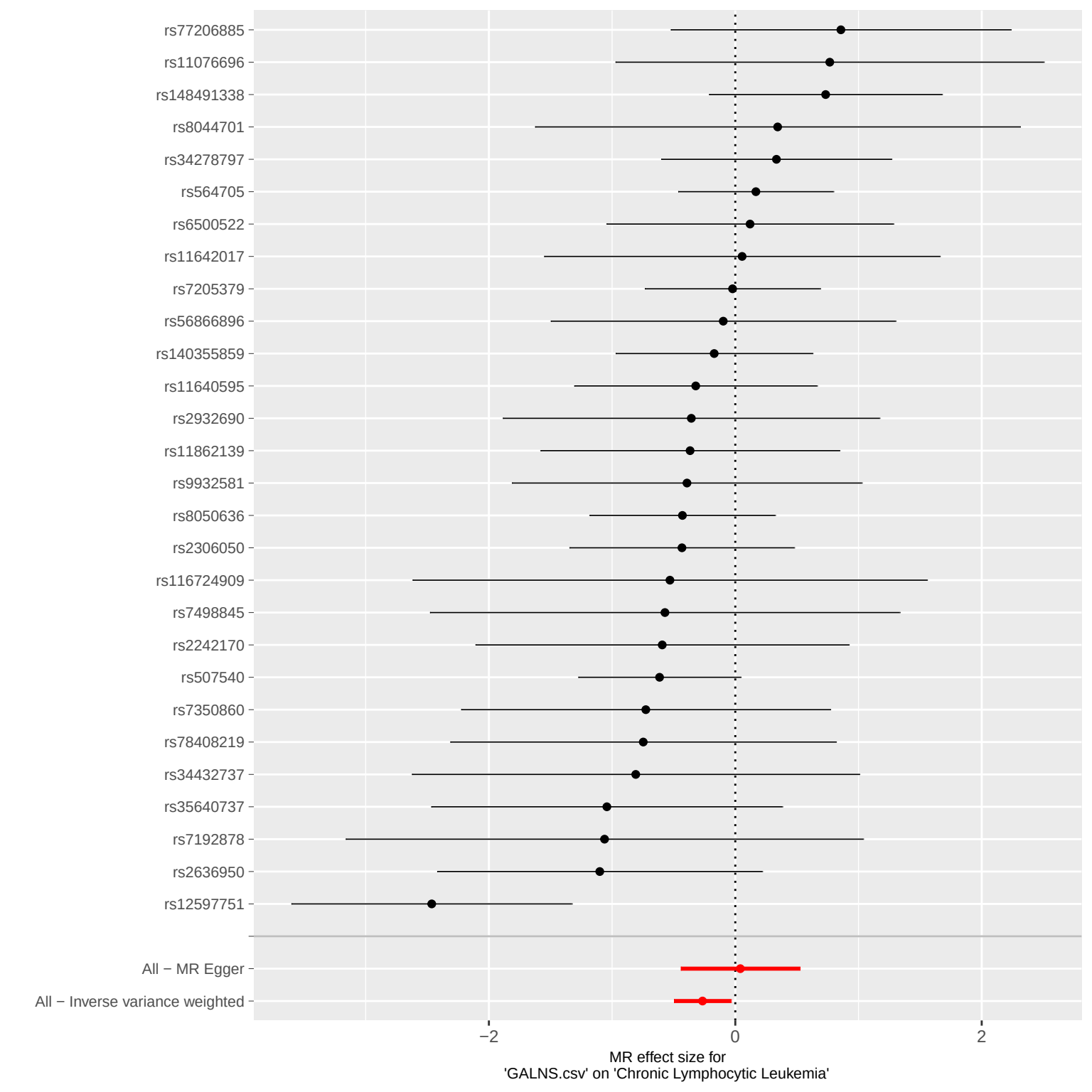
MR effect size for
'GALK2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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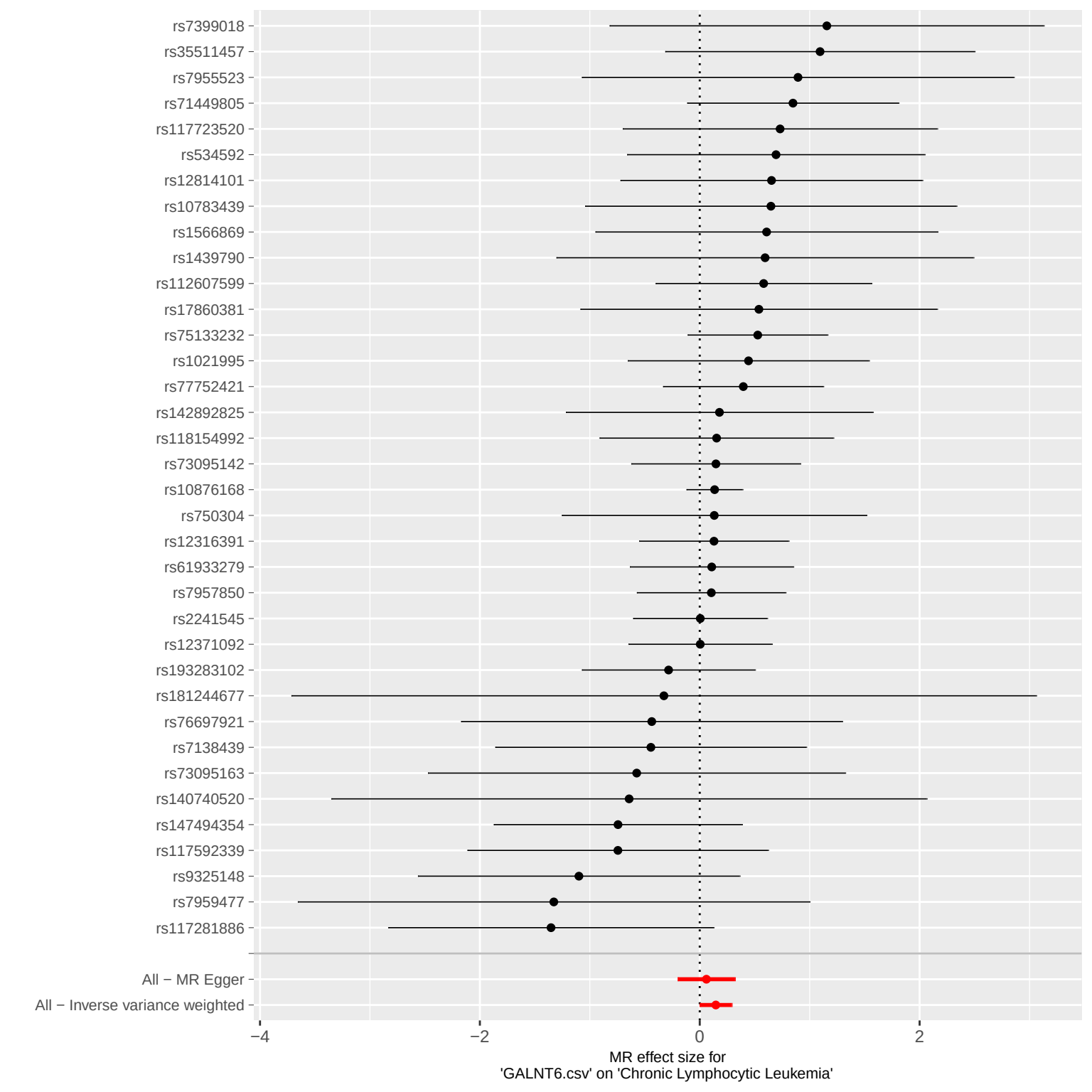
MR effect size for
'GALNS.csv' on 'Chronic Lymphocytic Leukemia'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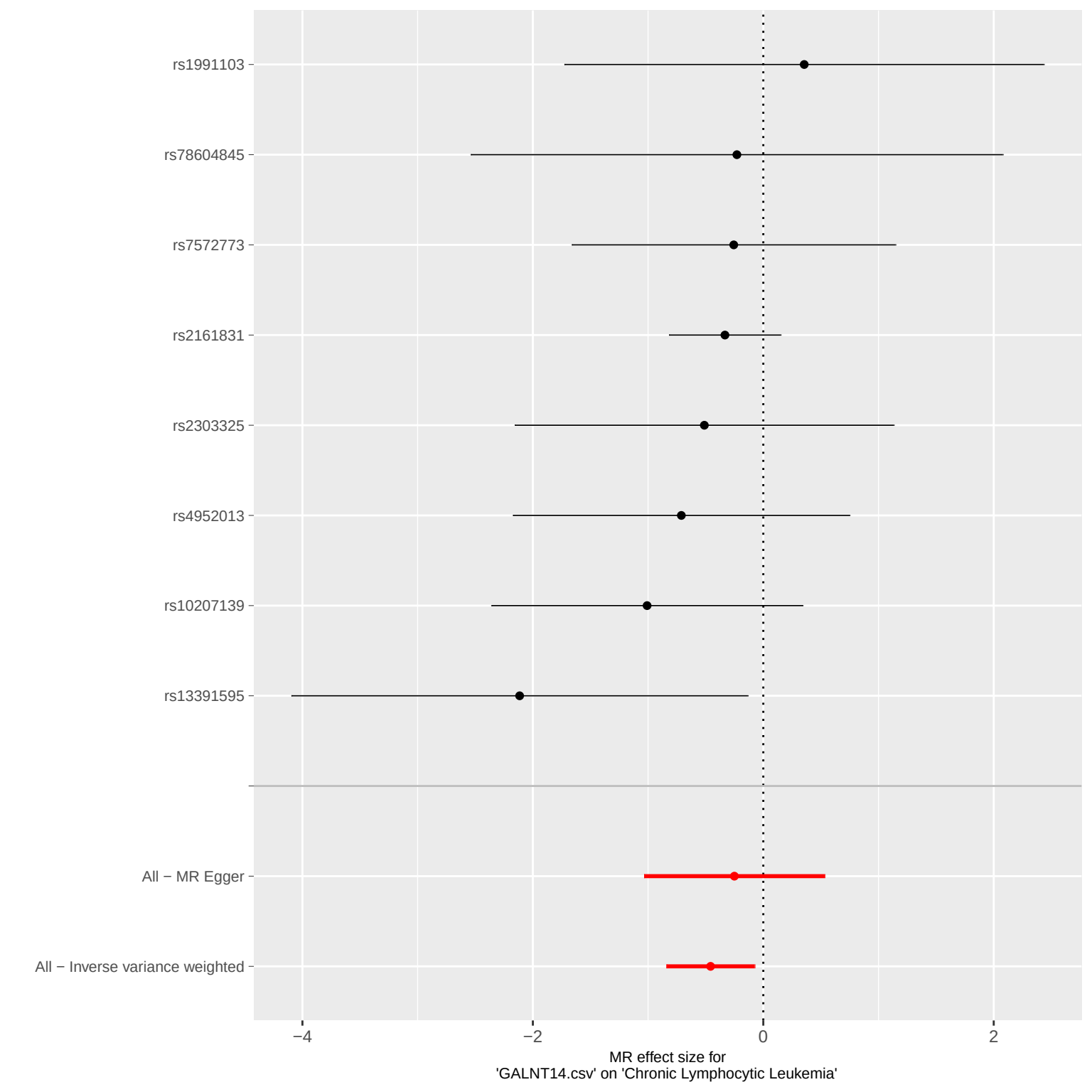
'GALNT6.csv' on 'Chronic Lymphocytic Leukemia'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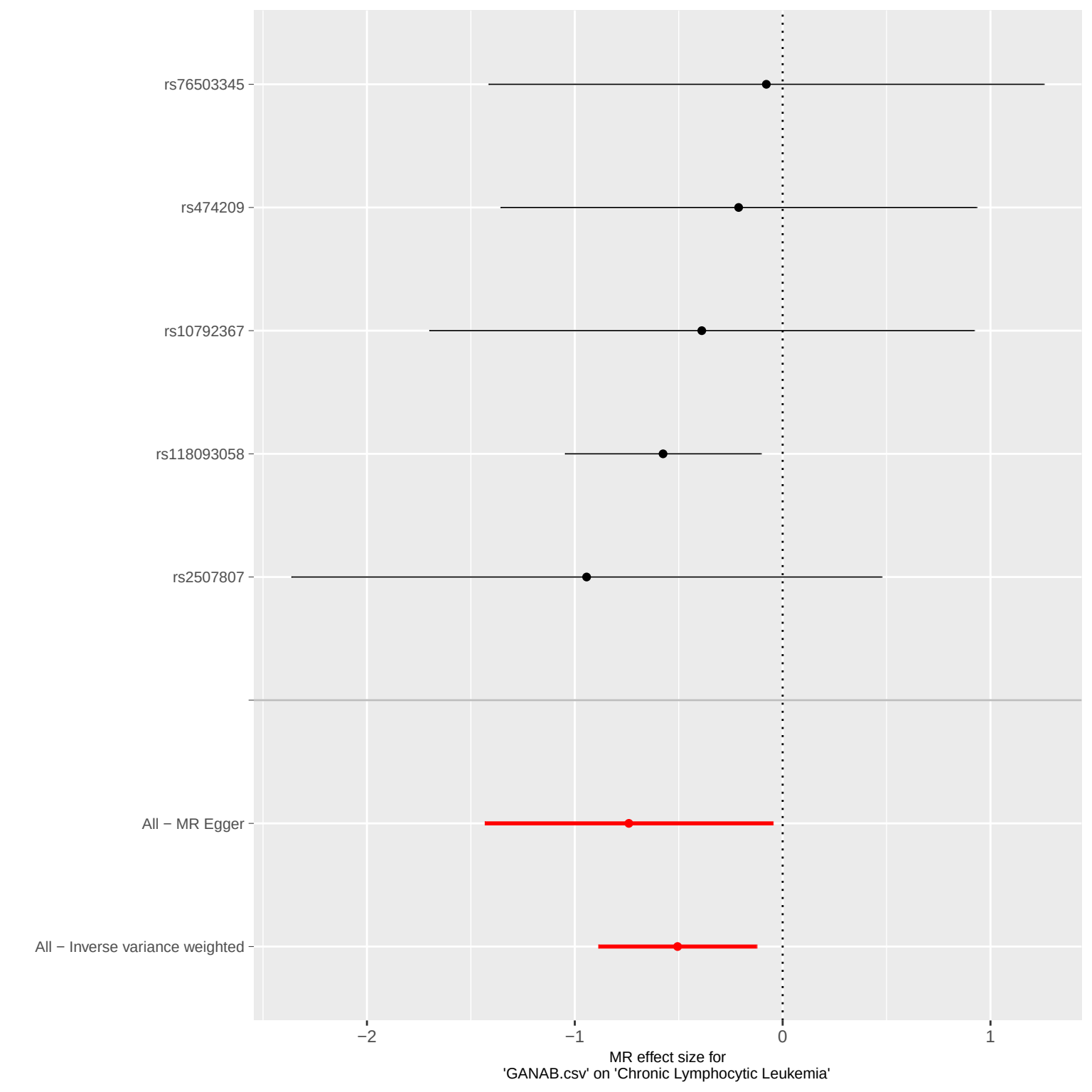
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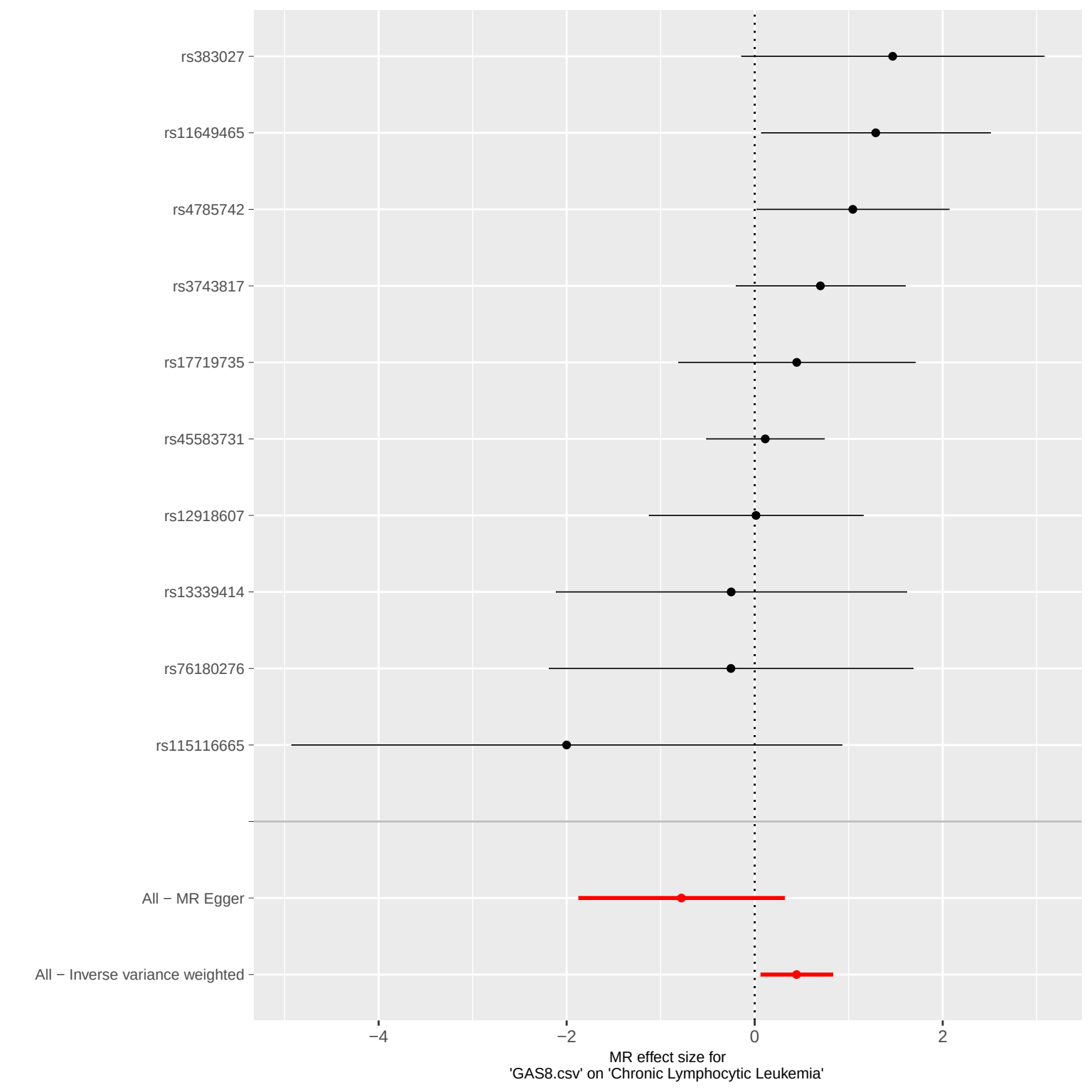
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All − Inverse variance weighted
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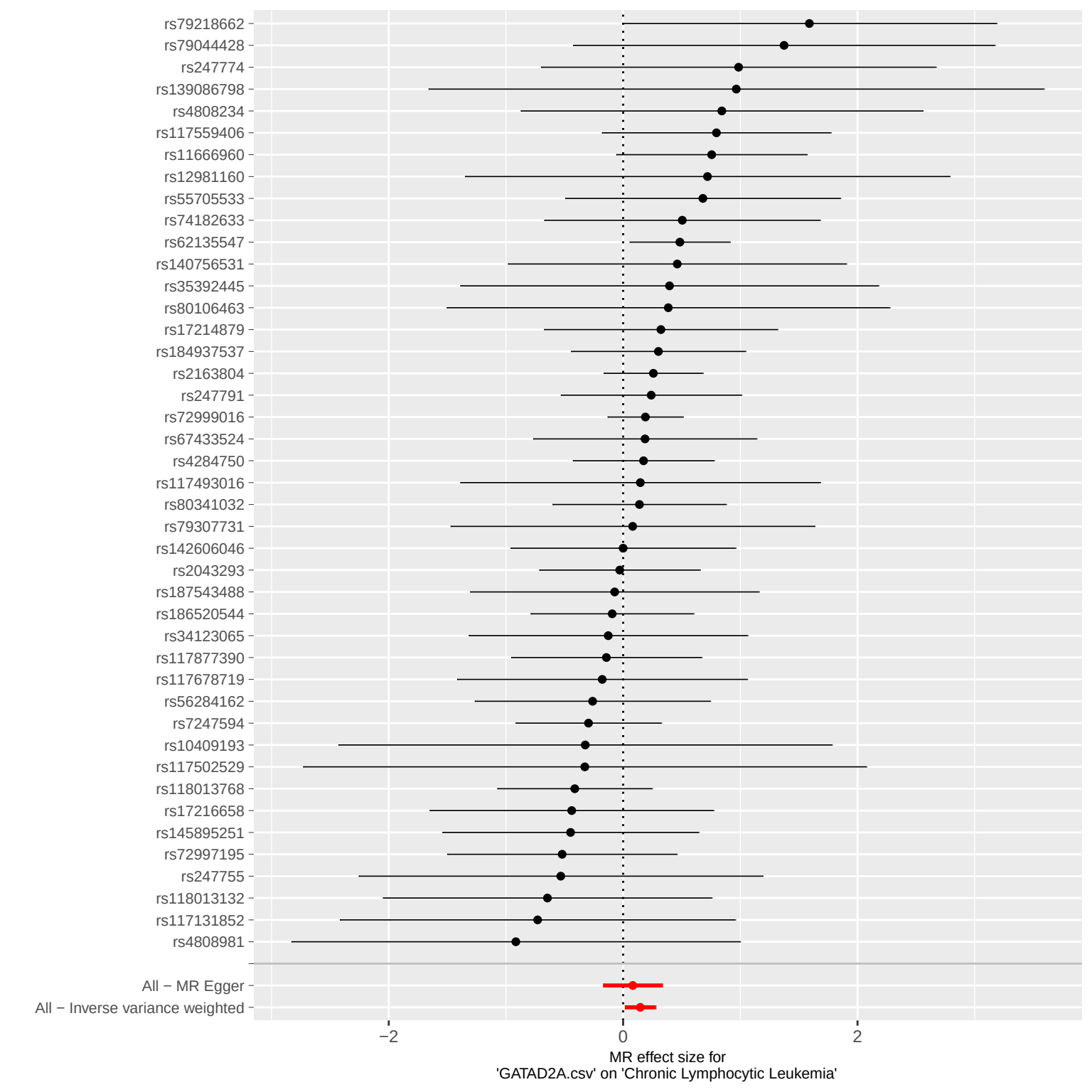
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MR effect size for
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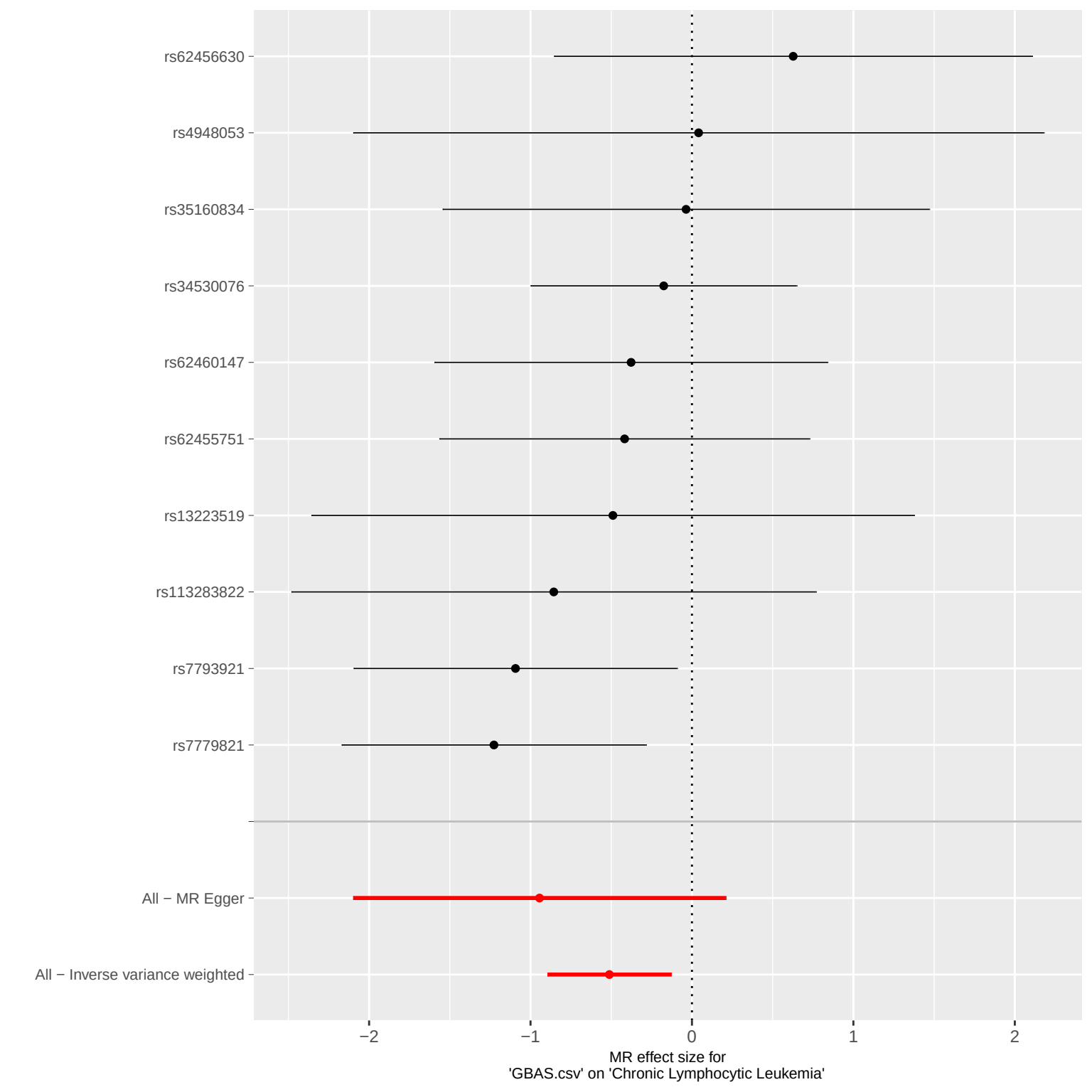
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All − Inverse variance weighted
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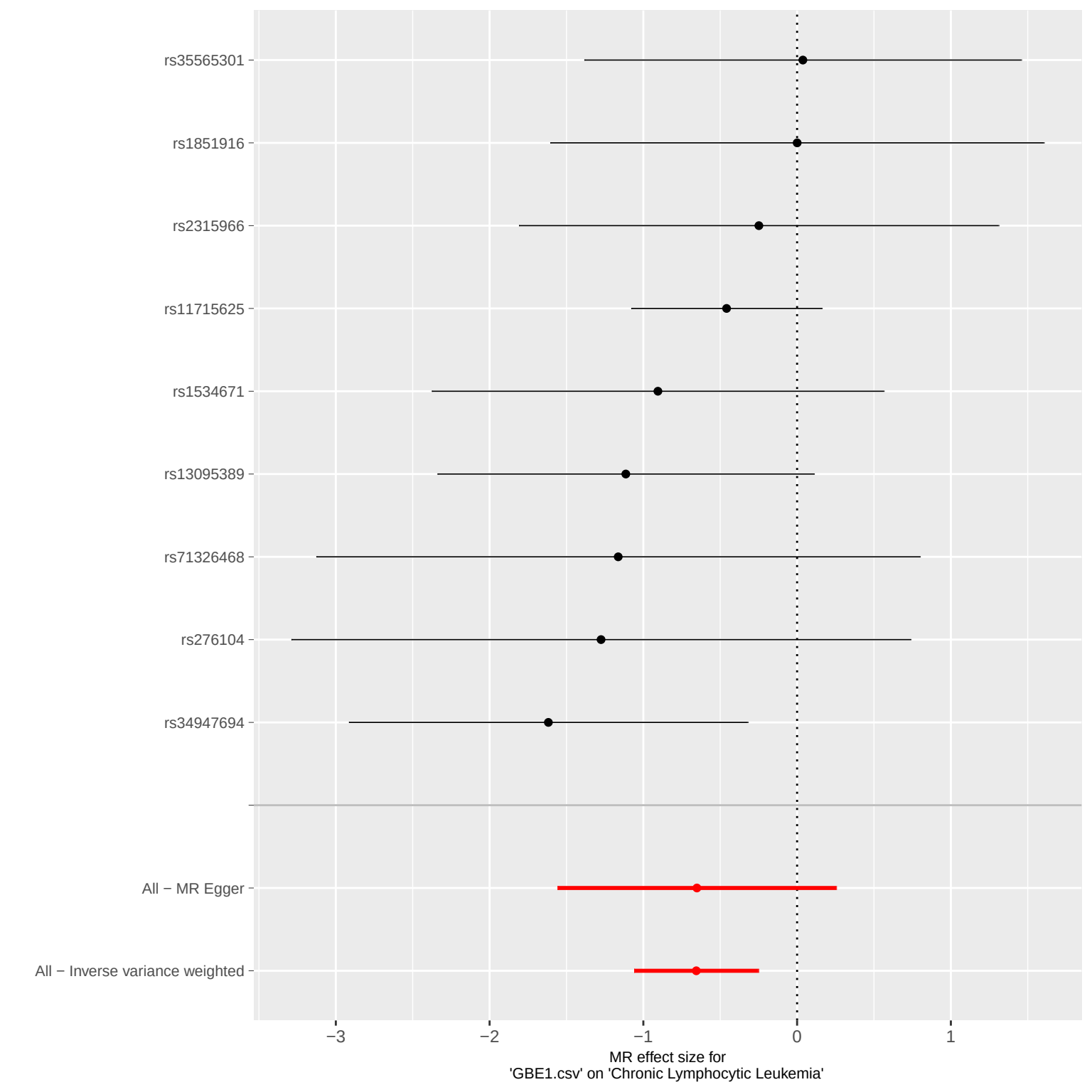
MR effect size for
'GBAS.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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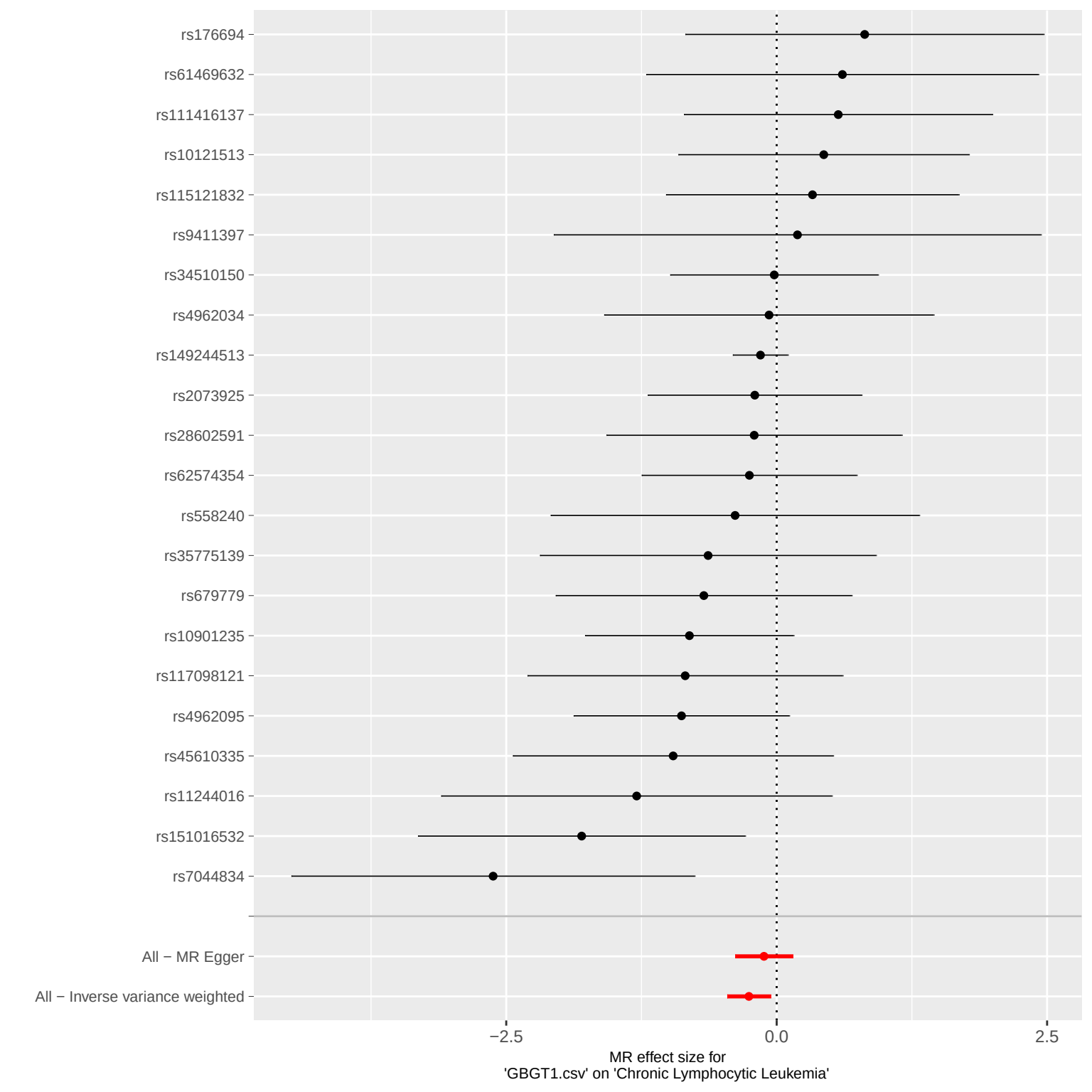
MR effect size for
'GBE1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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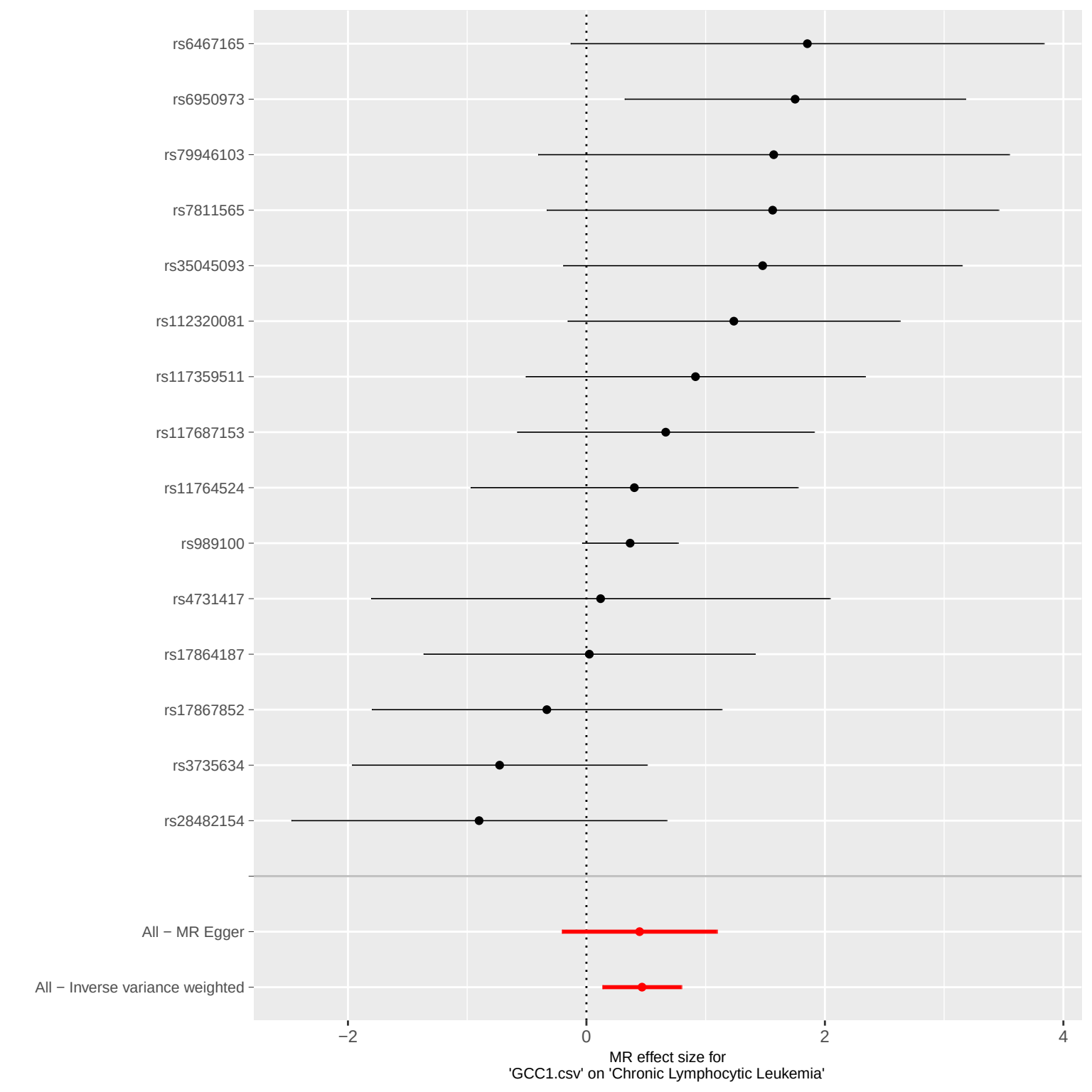
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All − MR Egger
All − Inverse variance weighted
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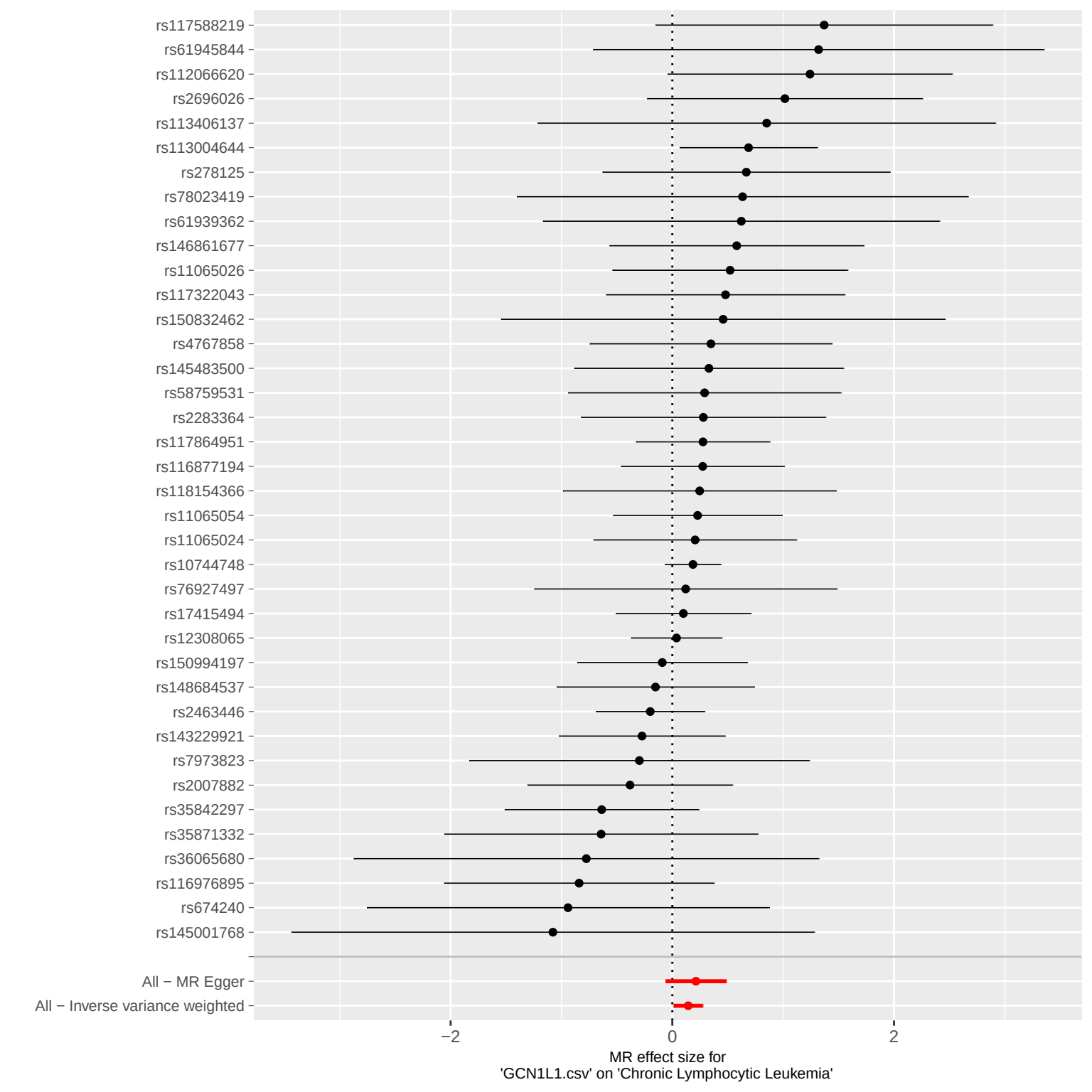
2
4
MR effect size for
'GCC1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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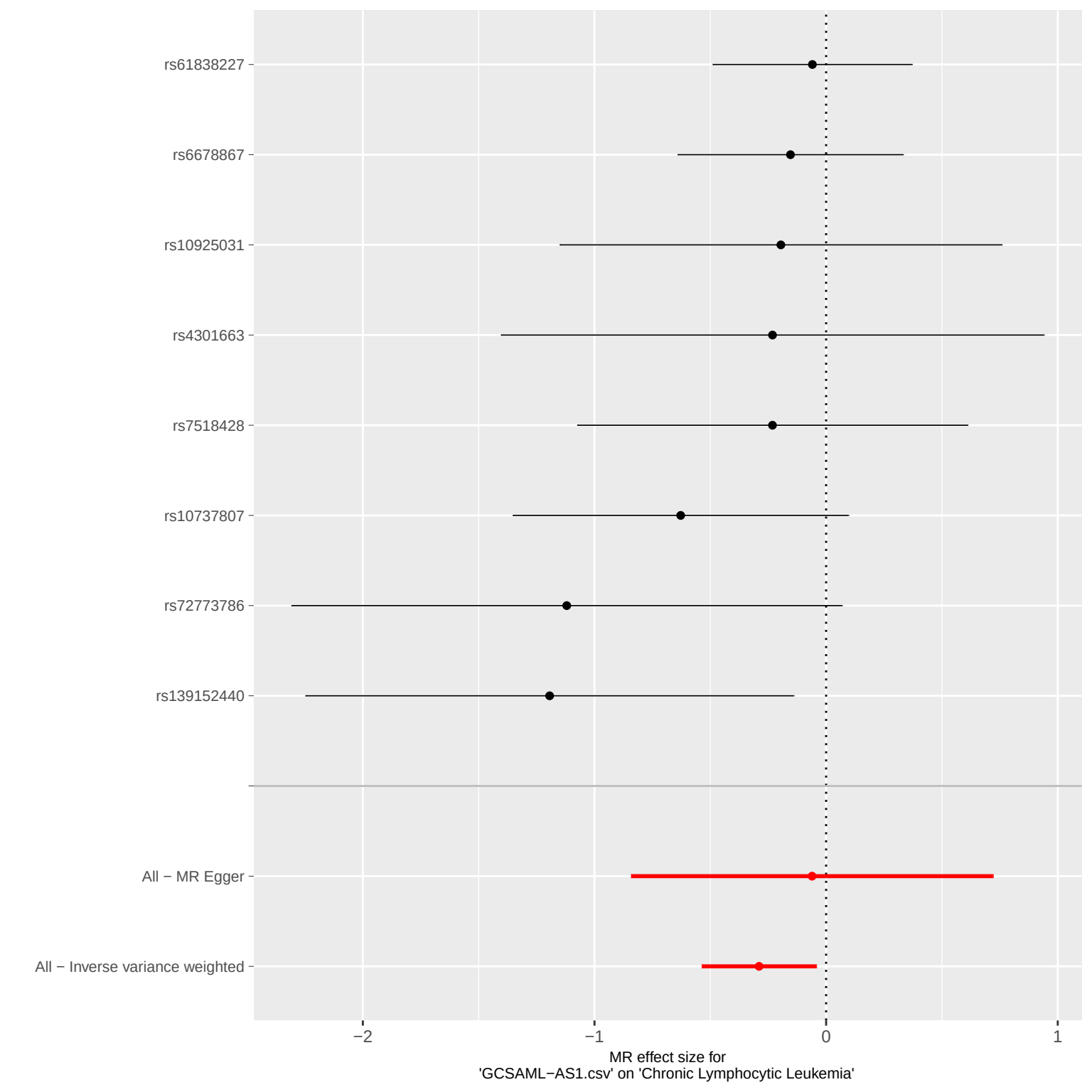
2
MR effect size for
'GCN1L1.csv' on 'Chronic Lymphocytic Leukemia'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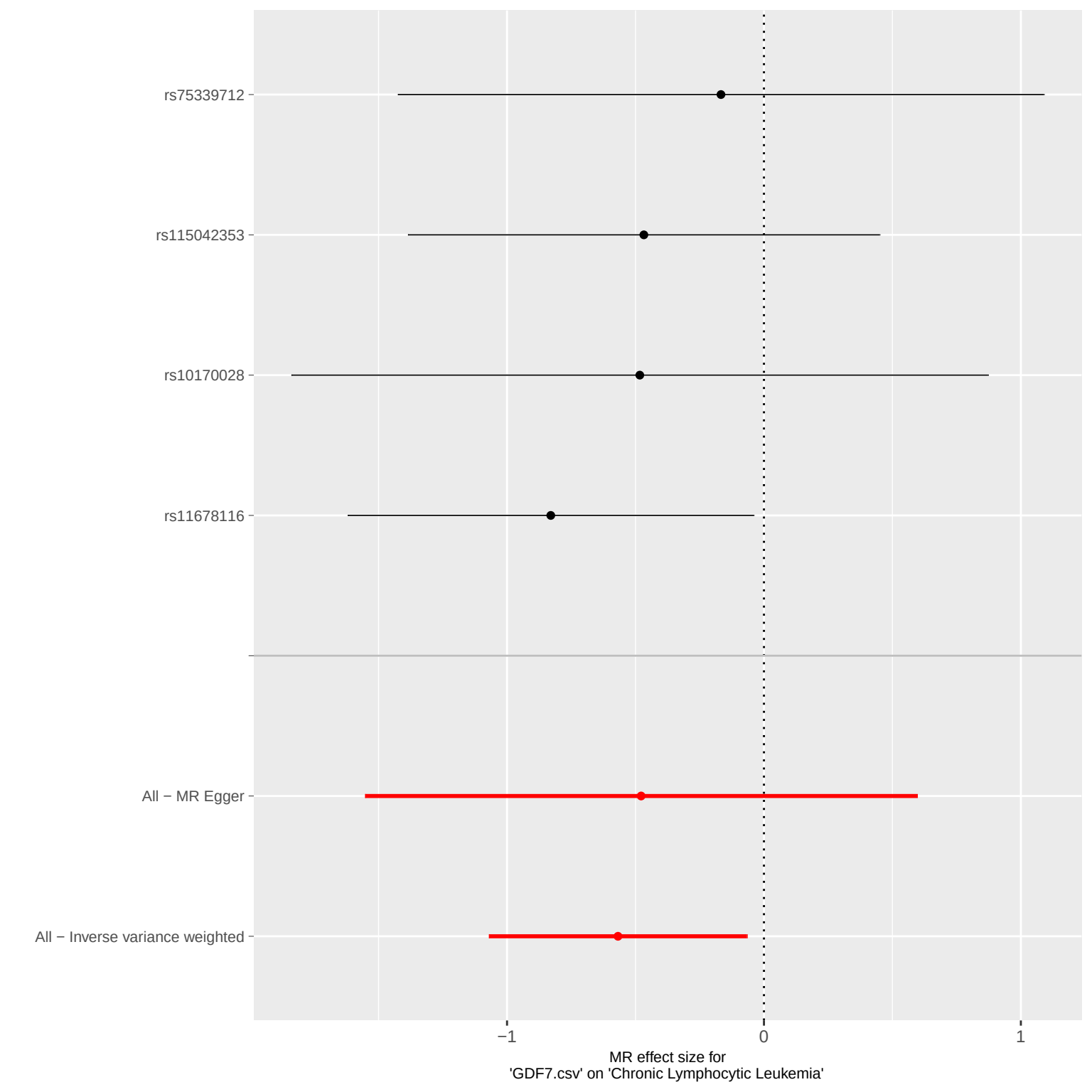
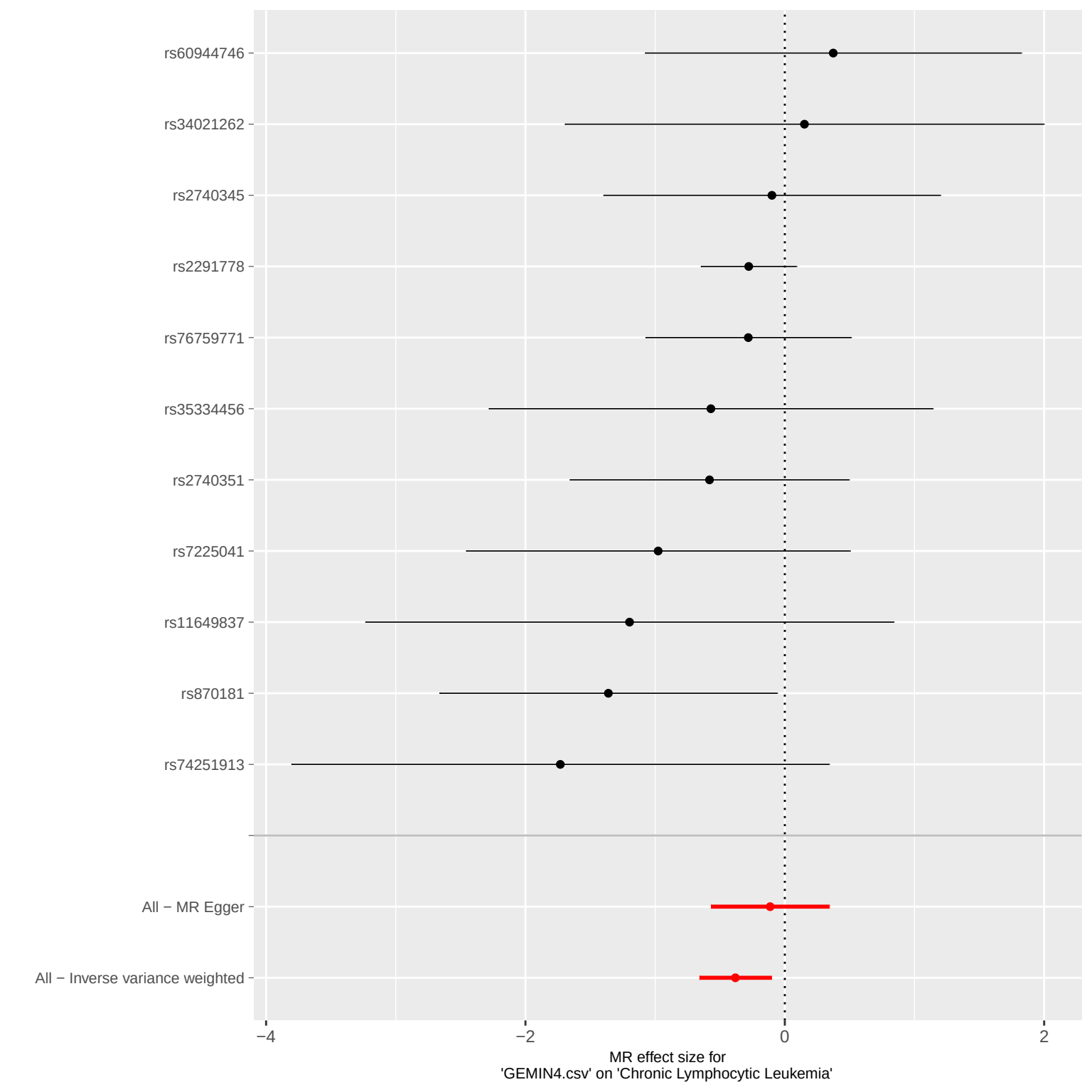
rs10925031
rs4301663
rs7518428
rs10737807
rs72773786
rs139152440
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'GCSAML−AS1.csv' on 'Chronic Lymphocytic Leukemia'


rs75339712
rs115042353
rs10170028
rs11678116
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'GDF7.csv' on 'Chronic Lymphocytic Leukemia'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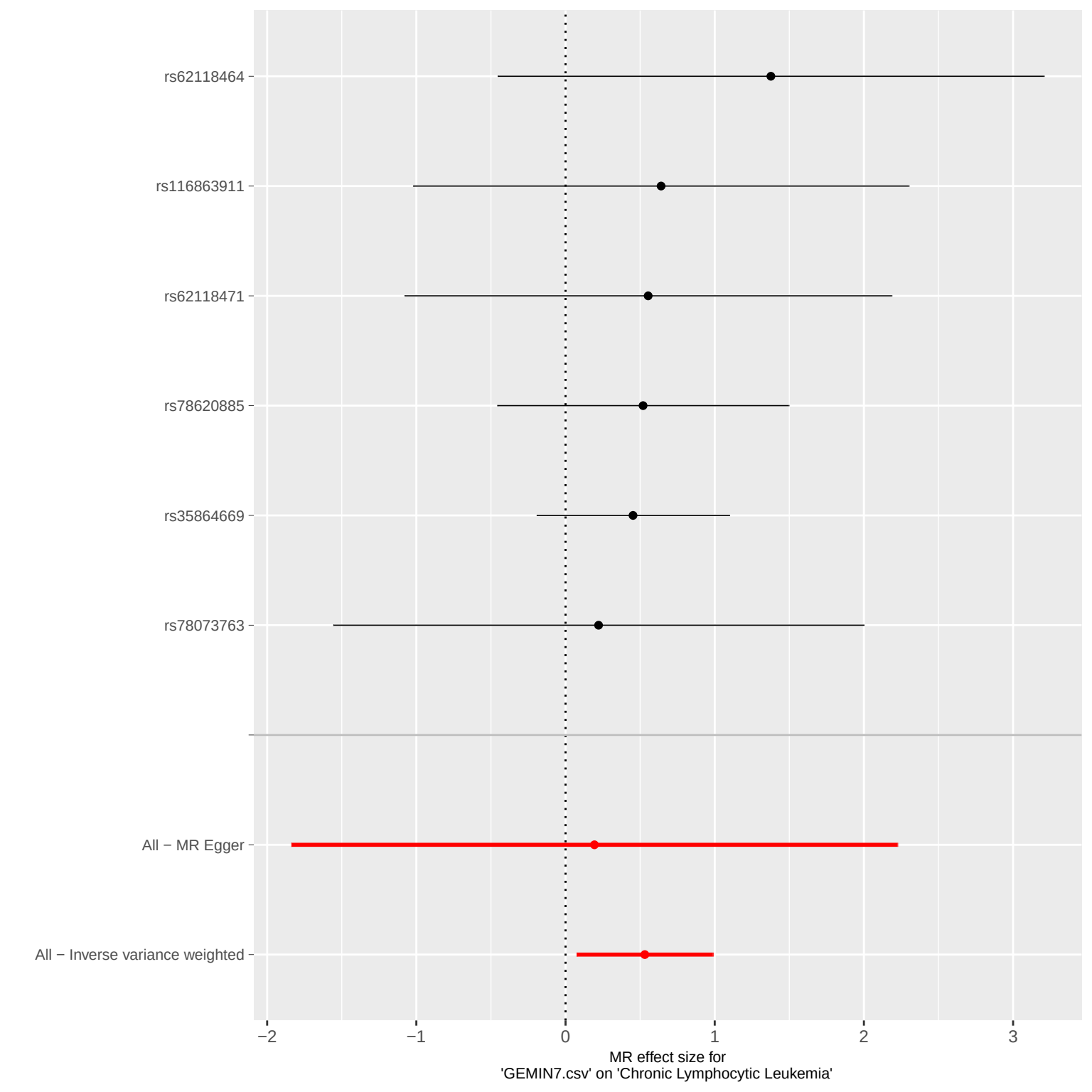
rs34021262
rs2740345
rs2291778
rs76759771
rs35334456
rs2740351
rs7225041
rs11649837
rs870181
rs74251913
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GEMIN4.csv' on 'Chronic Lymphocytic Leukemia'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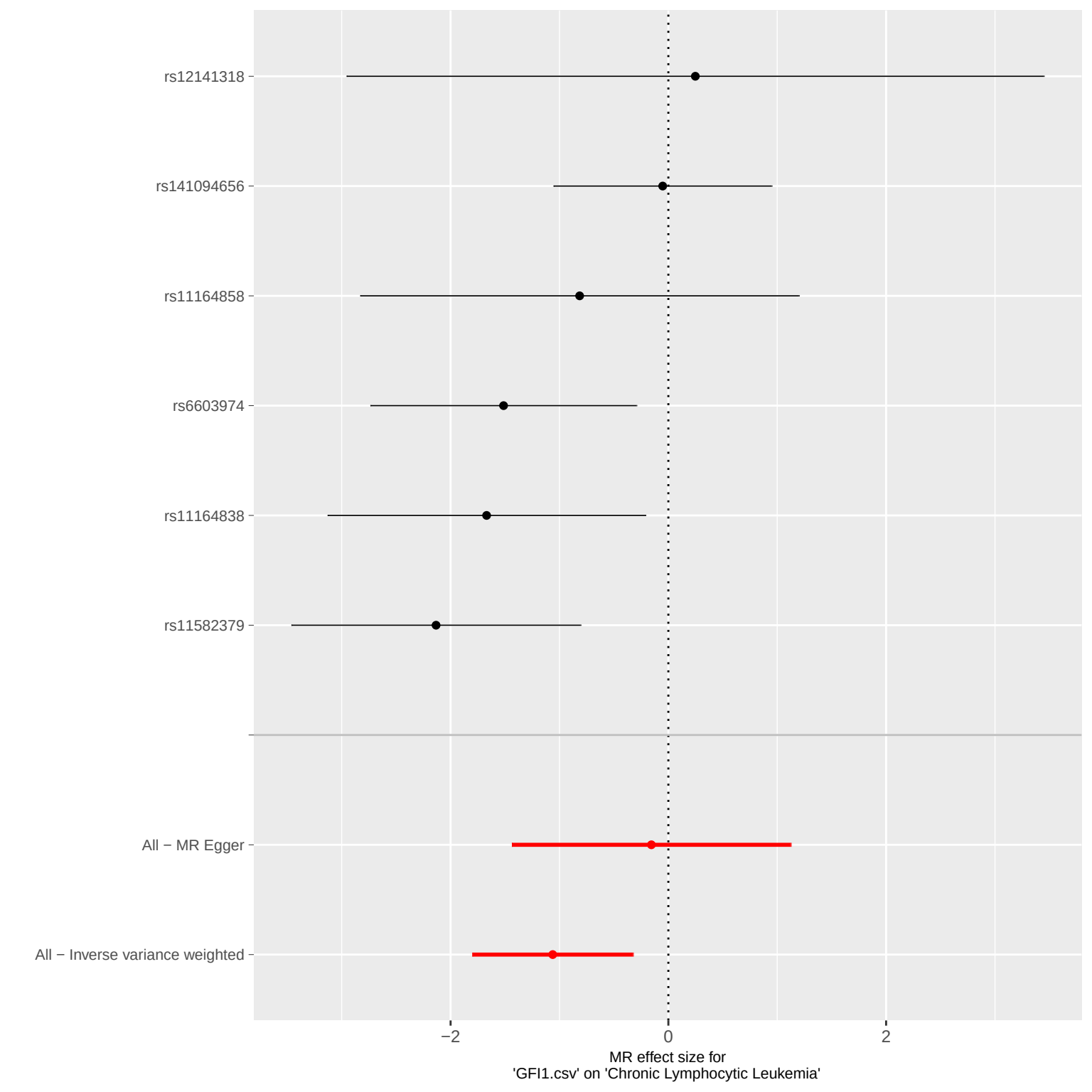
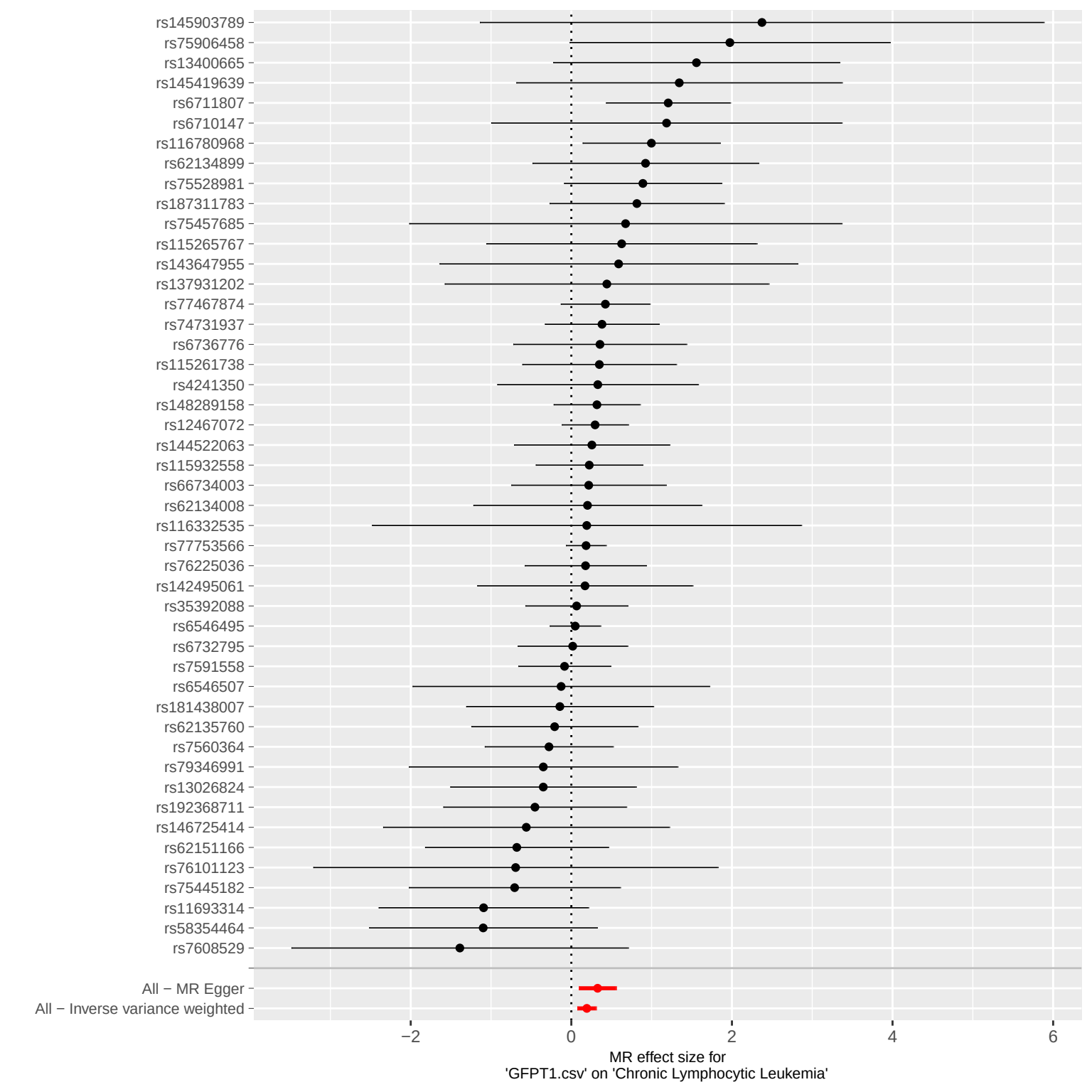
rs78620885
rs35864669
rs78073763
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'GEMIN7.csv' on 'Chronic Lymphocytic Leukemia'


rs12141318
rs141094656
rs11164858
rs6603974
rs11164838
rs11582379
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'GFI1.csv' on 'Chronic Lymphocytic Leukemia'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rs143647955
rs137931202
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rs74731937
rs6736776
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rs4241350
rs148289158
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rs144522063
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rs66734003
rs62134008
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rs76225036
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rs79346991
rs13026824
rs192368711
rs146725414
rs62151166
rs76101123
rs75445182
rs11693314
rs58354464
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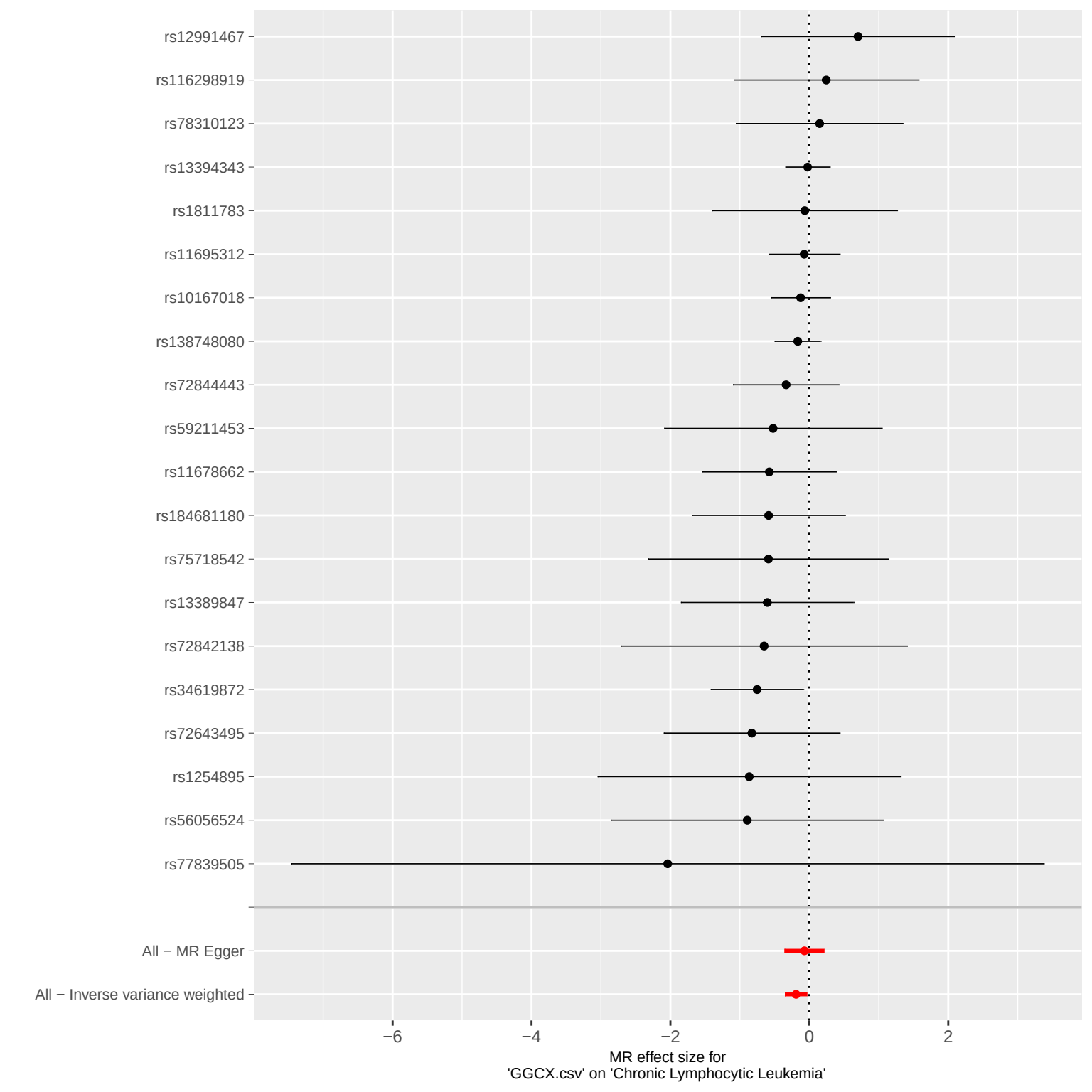
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'GFPT1.csv' on 'Chronic Lymphocytic Leukemia'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rs184681180
rs75718542
rs13389847
rs72842138
rs34619872
rs72643495
rs1254895
rs56056524
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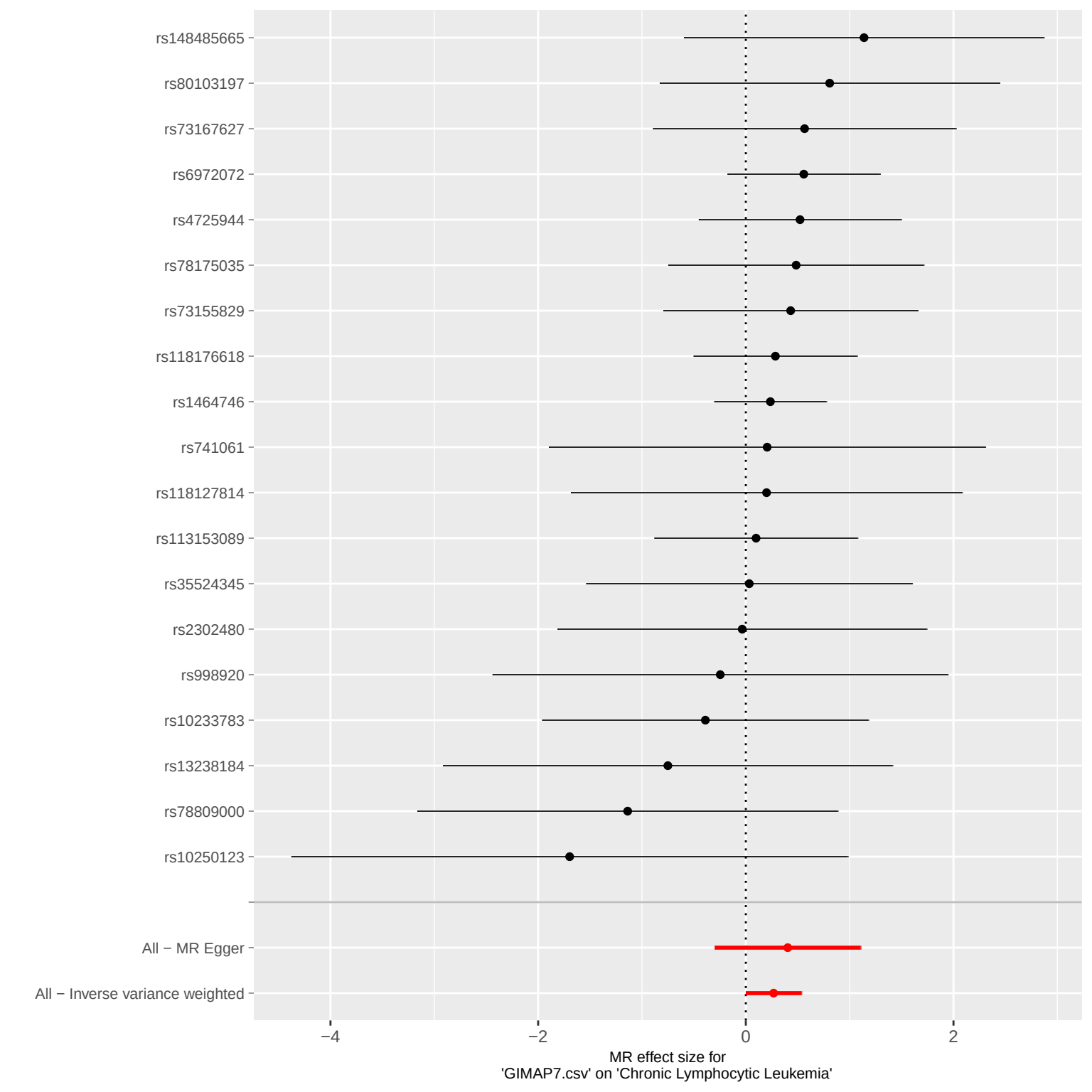
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'GGCX.csv' on 'Chronic Lymphocytic Leukemia'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rs118127814
rs113153089
rs35524345
rs2302480
rs998920
rs10233783
rs13238184
rs78809000
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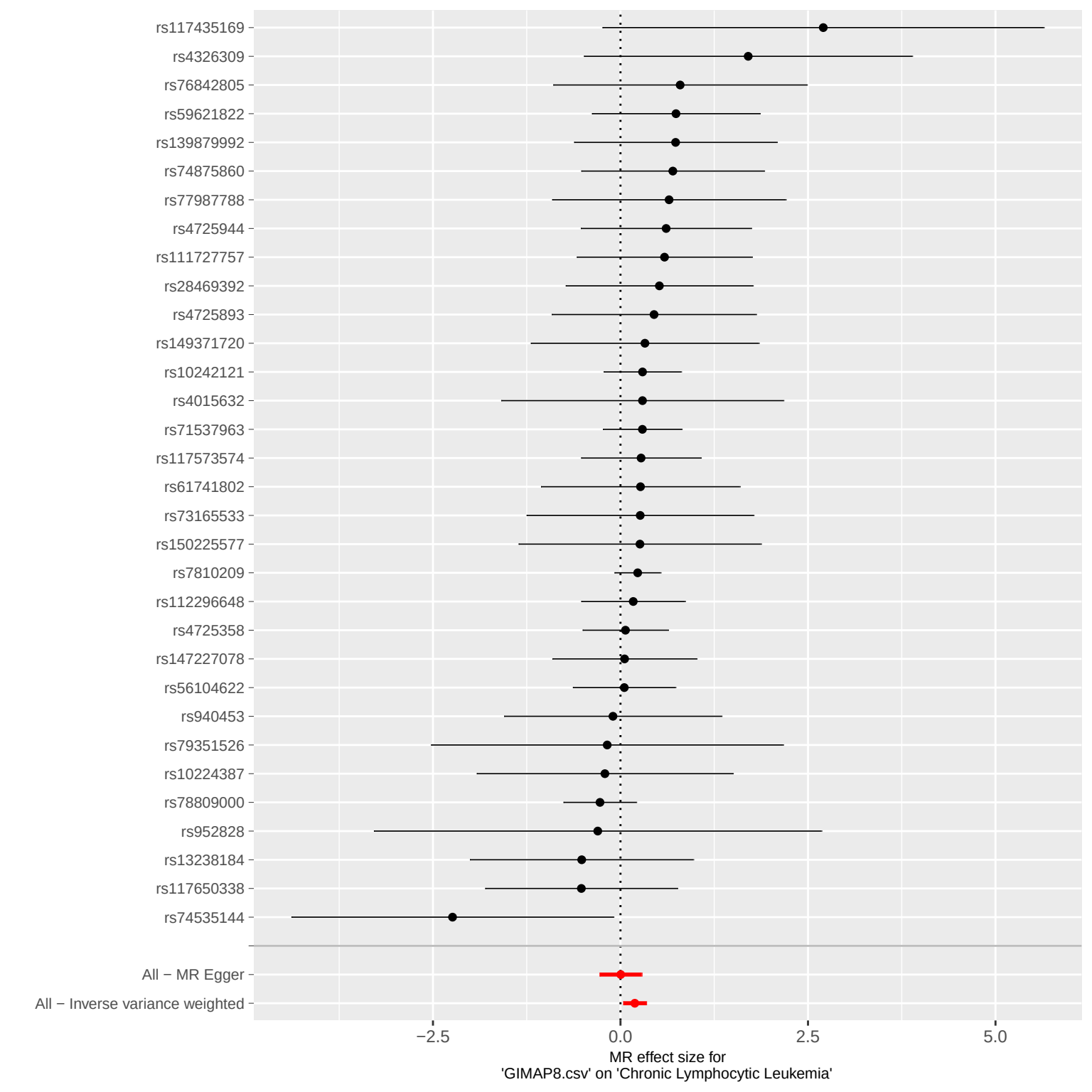
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GIMAP7.csv' on 'Chronic Lymphocytic Leukemia'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rs76842805
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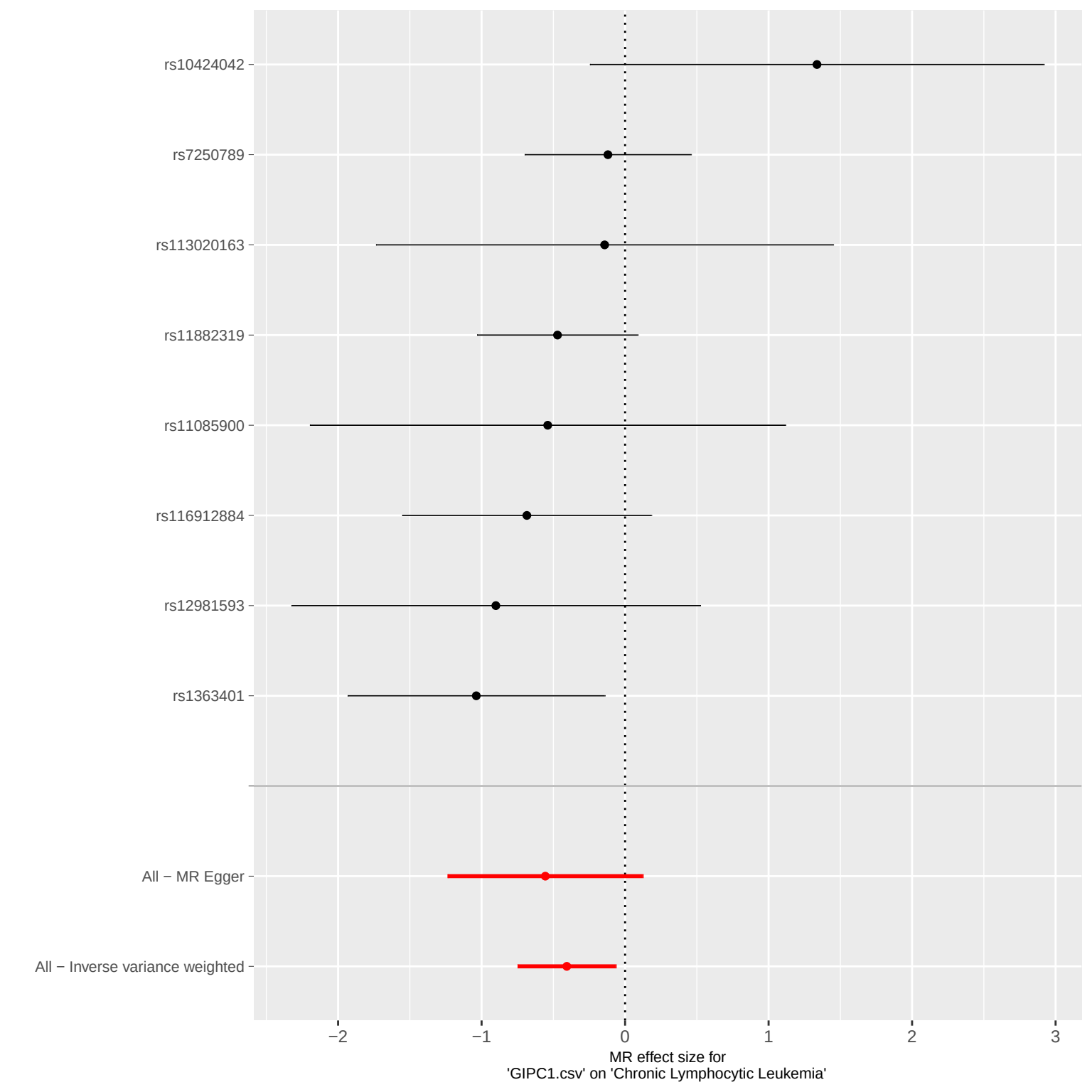
rs4725893
rs149371720
rs10242121
rs4015632
rs71537963
rs117573574
rs61741802
rs73165533
rs150225577
rs7810209
rs112296648
rs4725358
rs147227078
rs56104622
rs940453
rs79351526
rs10224387
rs78809000
rs952828
rs13238184
rs117650338
rs74535144
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'GIMAP8.csv' on 'Chronic Lymphocytic Leukemia'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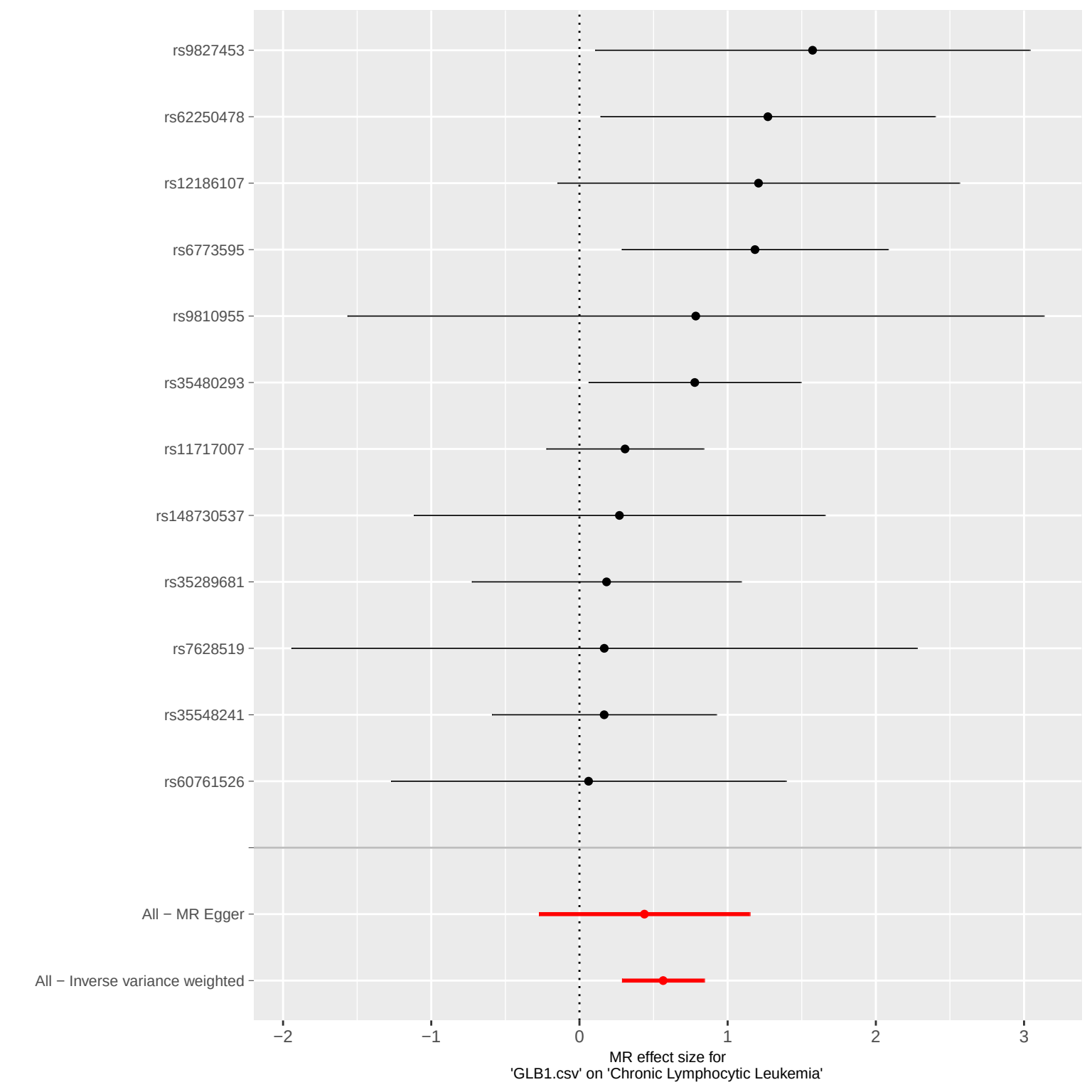
rs7250789
rs113020163
rs11882319
rs11085900
rs116912884
rs12981593
rs1363401
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'GIPC1.csv' on 'Chronic Lymphocytic Leukemia'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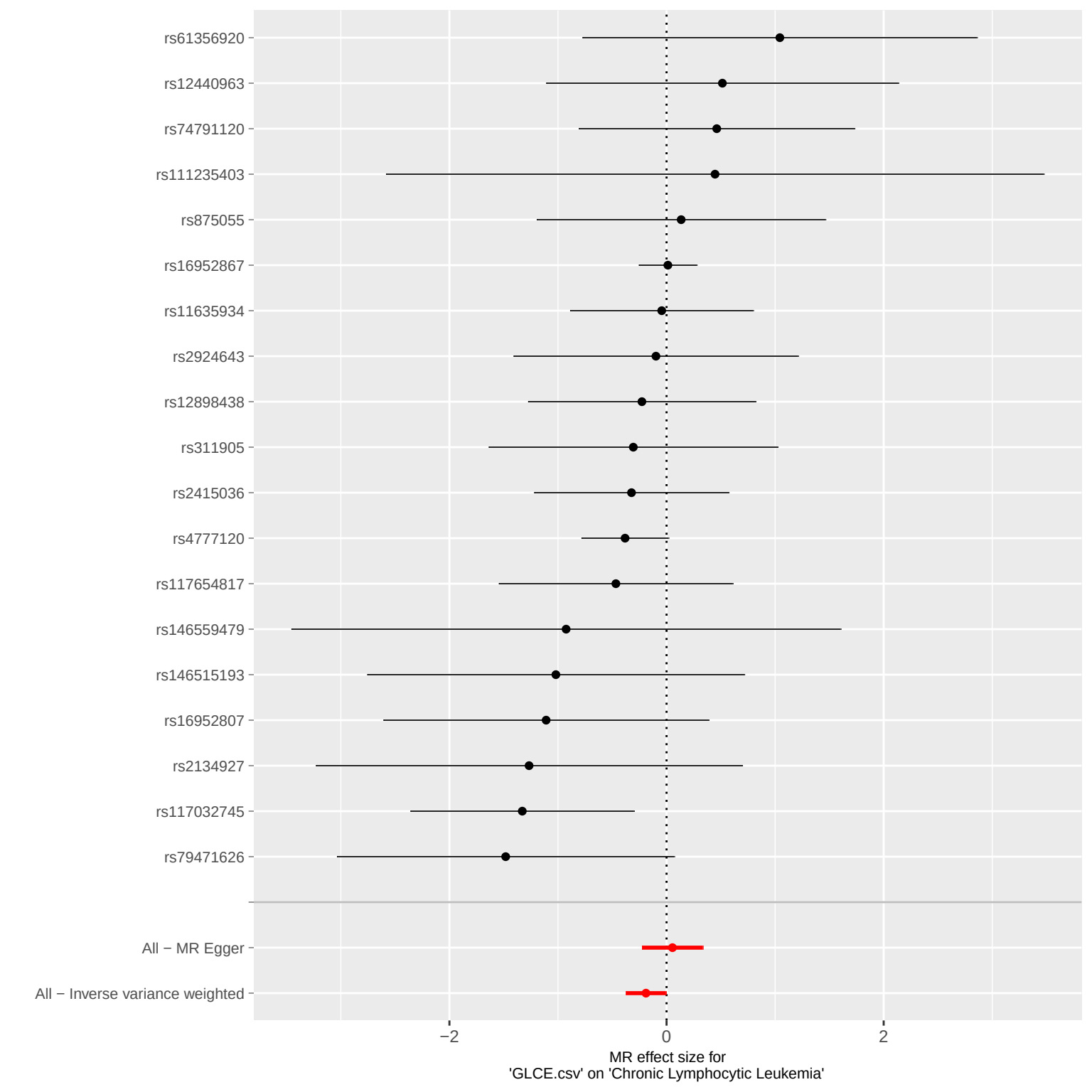
rs35548241
rs60761526
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'GLB1.csv' on 'Chronic Lymphocytic Leukemia'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rs2415036
rs4777120
rs117654817
rs146559479
rs146515193
rs16952807
rs2134927
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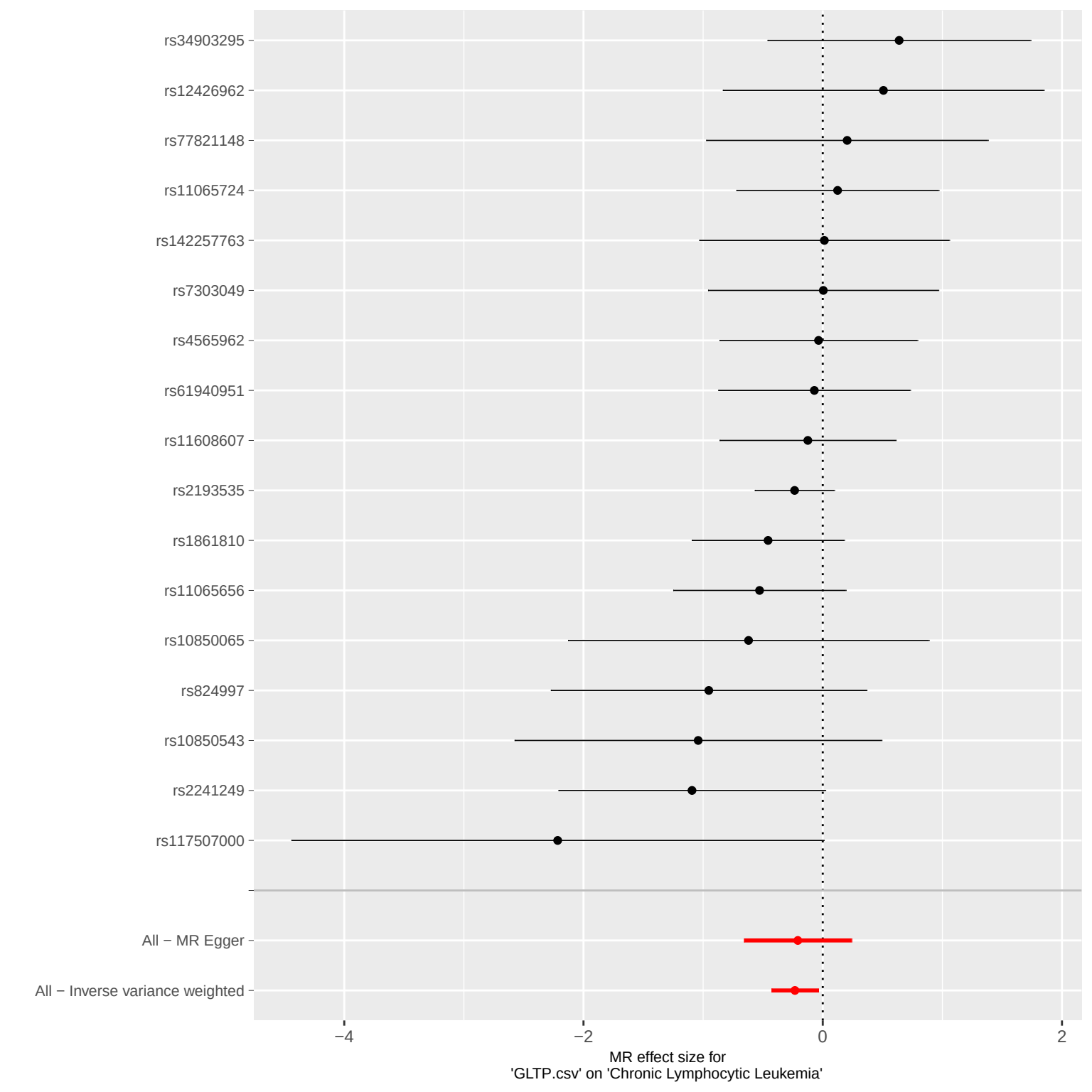
rs79471626
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'GLCE.csv' on 'Chronic Lymphocytic Leukemia'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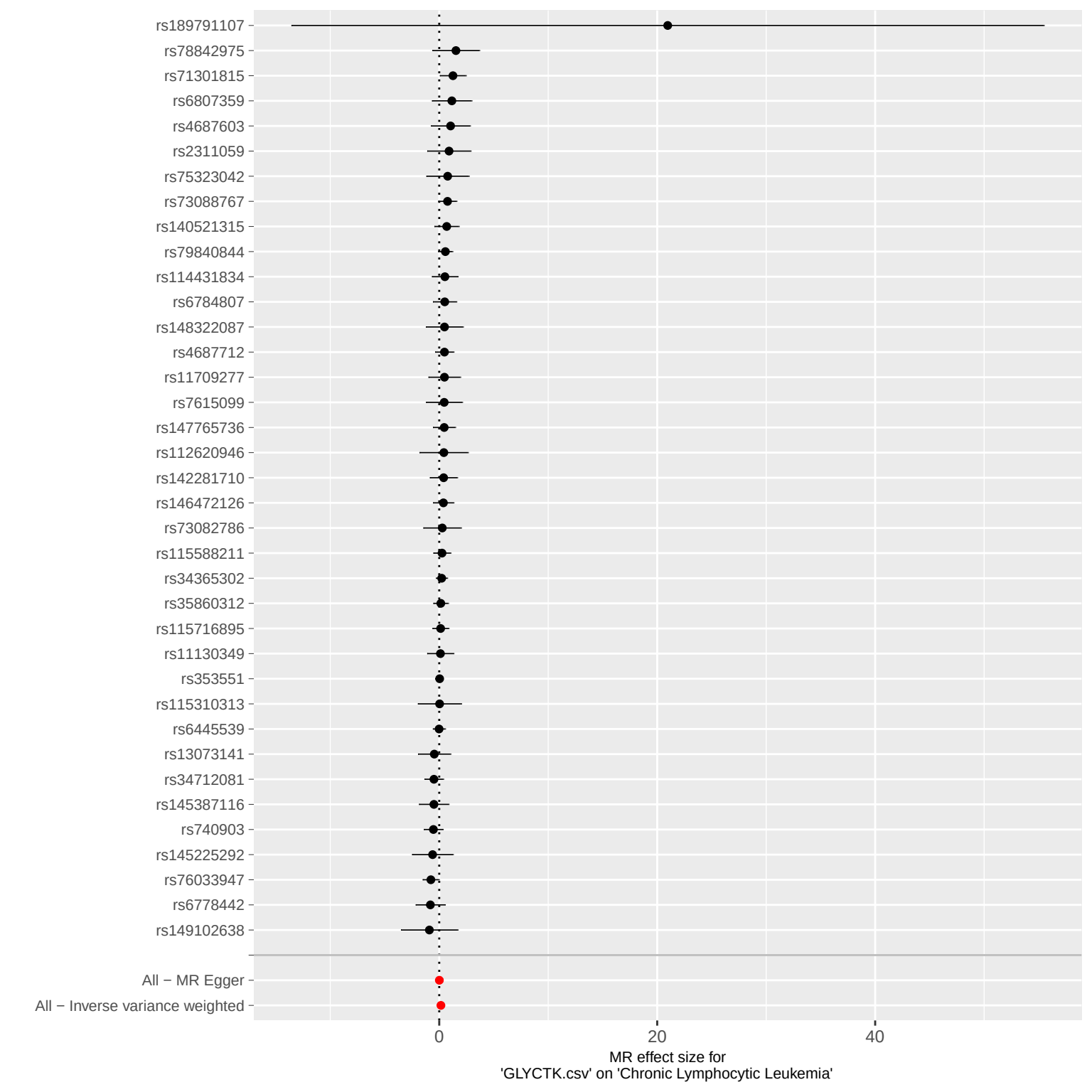
rs61940951
rs11608607
rs2193535
rs1861810
rs11065656
rs10850065
rs824997
rs10850543
rs2241249
rs117507000
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GLTP.csv' on 'Chronic Lymphocytic Leukemia'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rs34712081
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rs740903
rs145225292
rs76033947
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All − MR Egger
All − Inverse variance weighted
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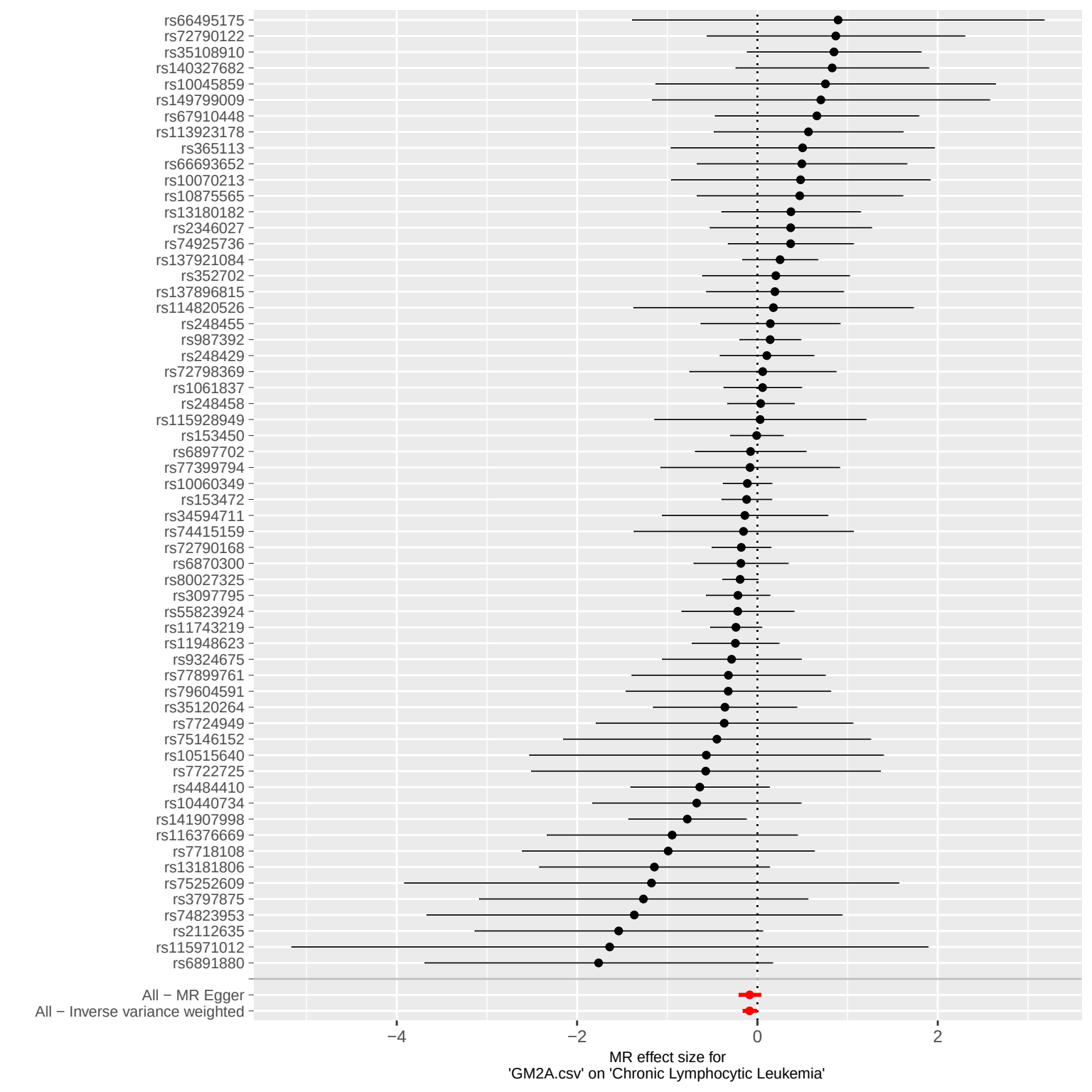
20
40
MR effect size for
'GLYCTK.csv' on 'Chronic Lymphocytic Leukemia'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rs10070213
rs10875565
rs13180182
rs2346027
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rs137921084
rs352702
rs137896815
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rs987392
rs248429
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rs7724949
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rs4484410
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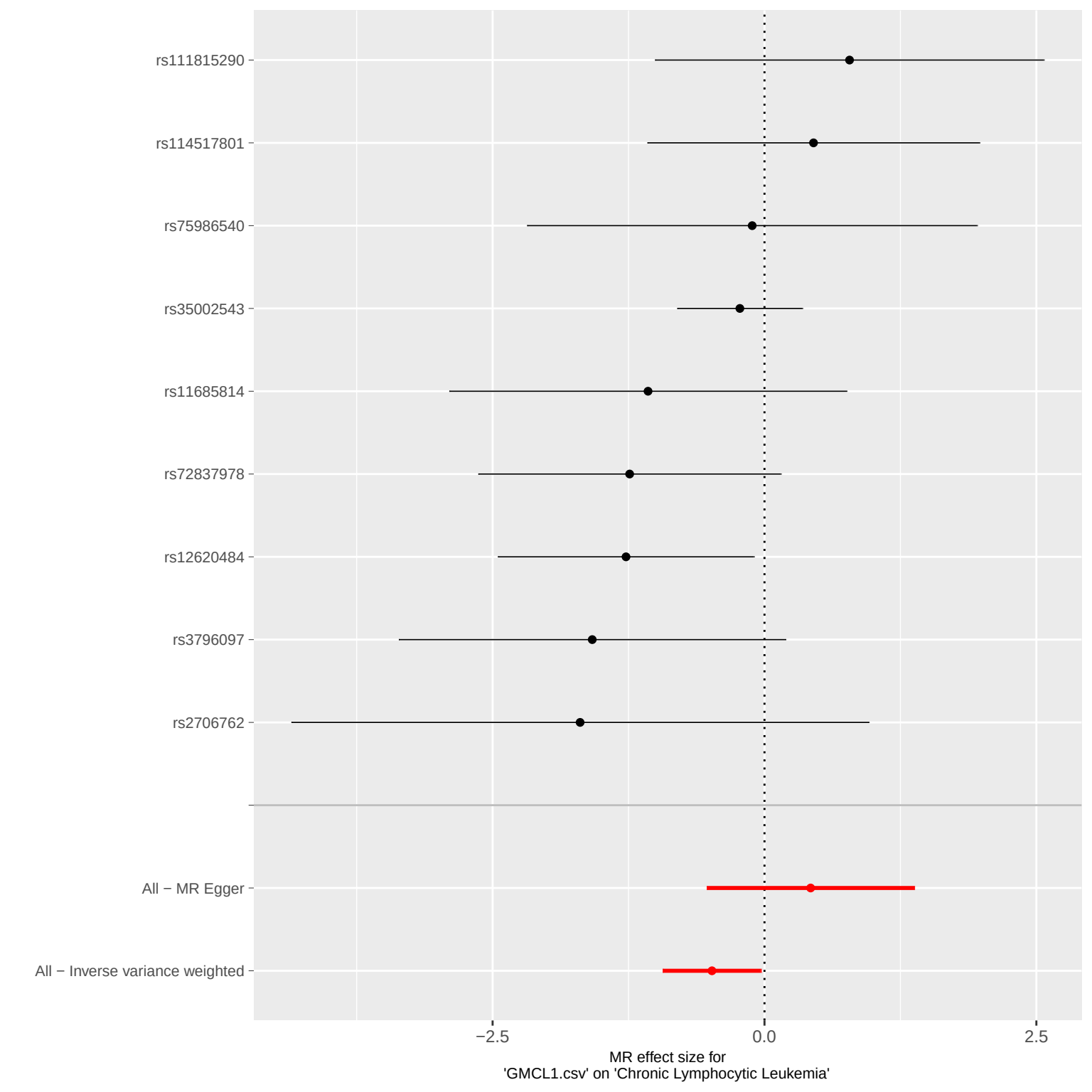
rs141907998
rs116376669
rs7718108
rs13181806
rs75252609
rs3797875
rs74823953
rs2112635
rs115971012
rs6891880
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GM2A.csv' on 'Chronic Lymphocytic Leukemia'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rs72837978
rs12620484
rs3796097
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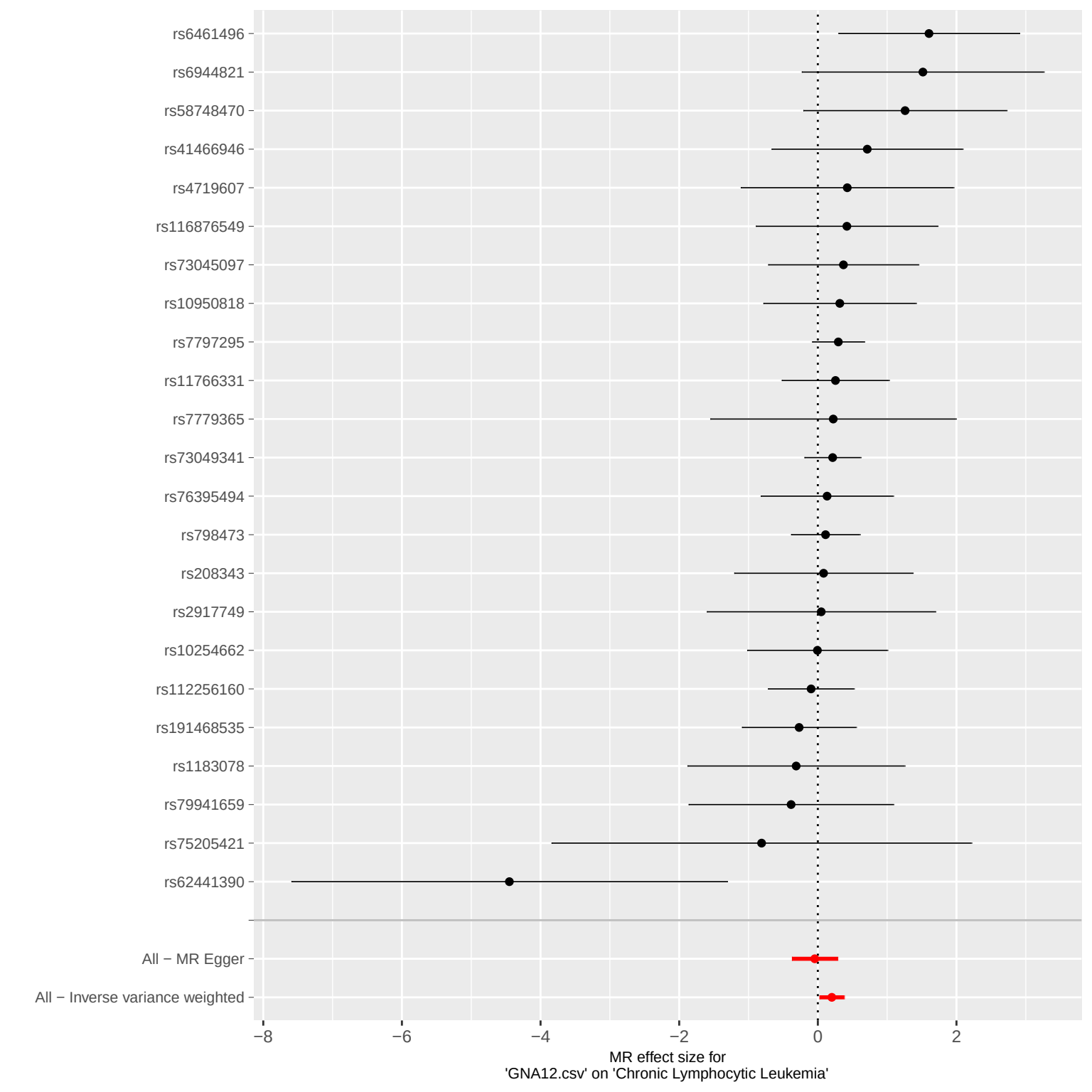
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'GMCL1.csv' on 'Chronic Lymphocytic Leukemia'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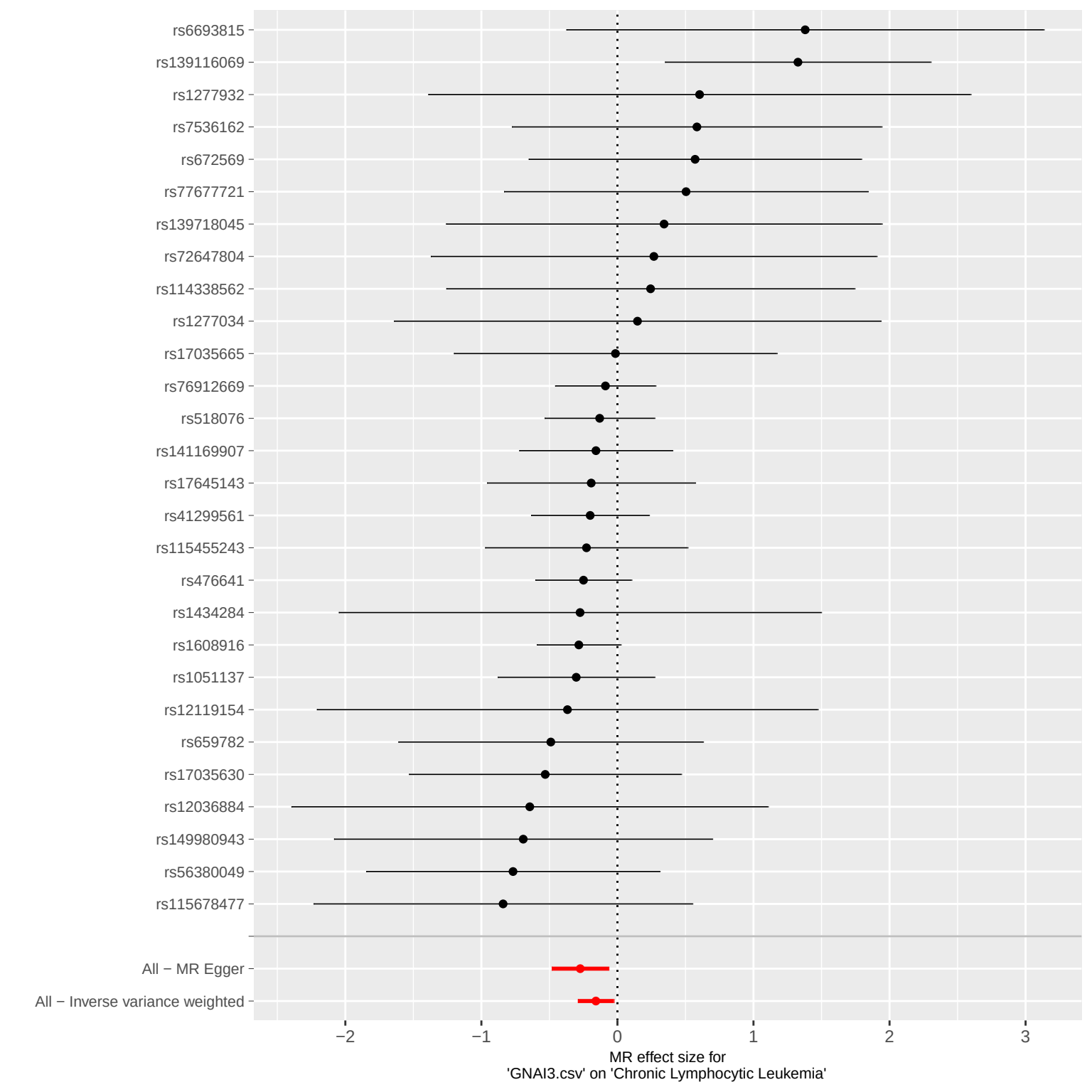
rs73049341
rs76395494
rs798473
rs208343
rs2917749
rs10254662
rs112256160
rs191468535
rs1183078
rs79941659
rs75205421
rs62441390
All − MR Egger
All − Inverse variance weighted
−8
−6
−4
−2
0
2
MR effect size for
'GNA12.csv' on 'Chronic Lymphocytic Leukemia'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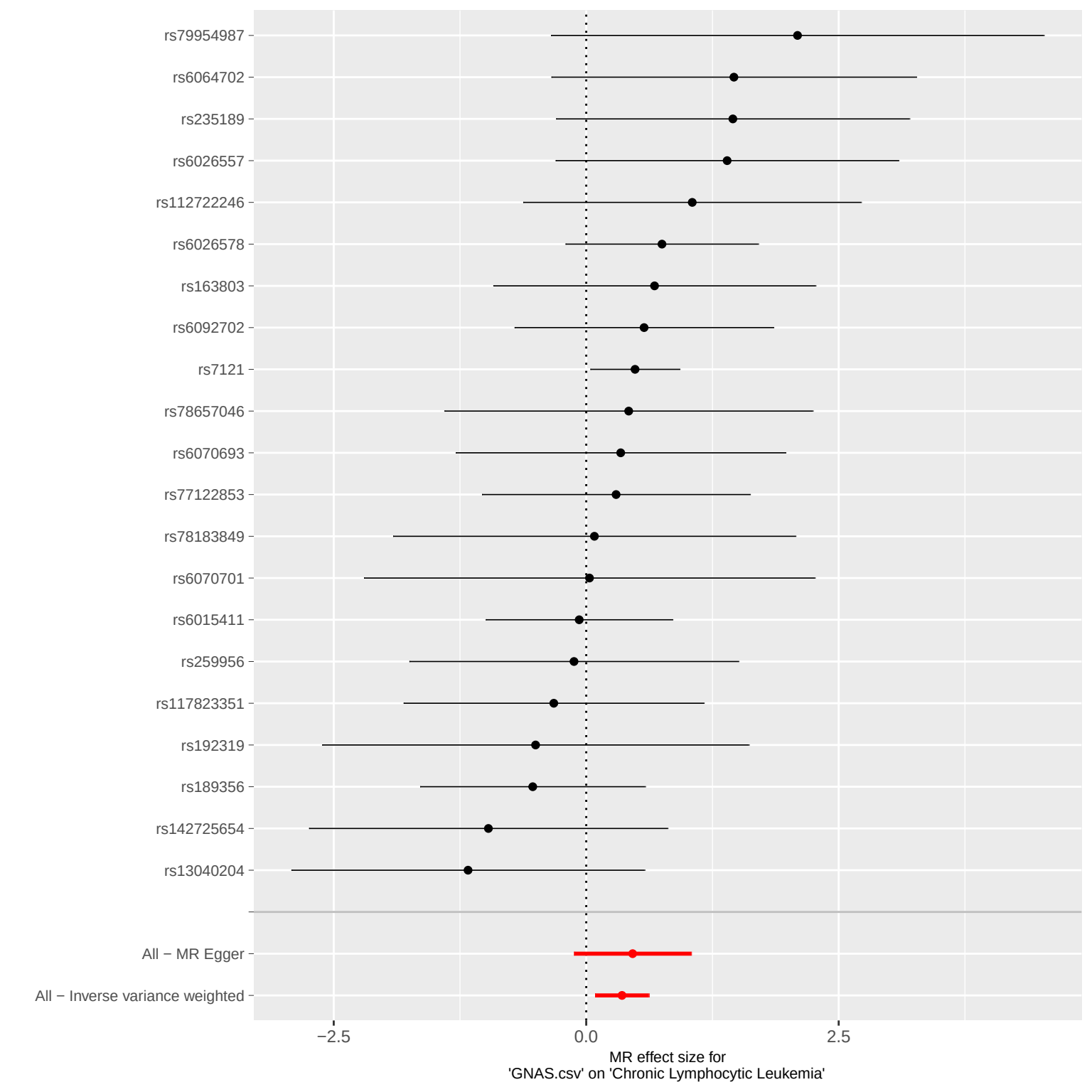
rs518076
rs141169907
rs17645143
rs41299561
rs115455243
rs476641
rs1434284
rs1608916
rs1051137
rs12119154
rs659782
rs17035630
rs12036884
rs149980943
rs56380049
rs115678477
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'GNAI3.csv' on 'Chronic Lymphocytic Leukemia'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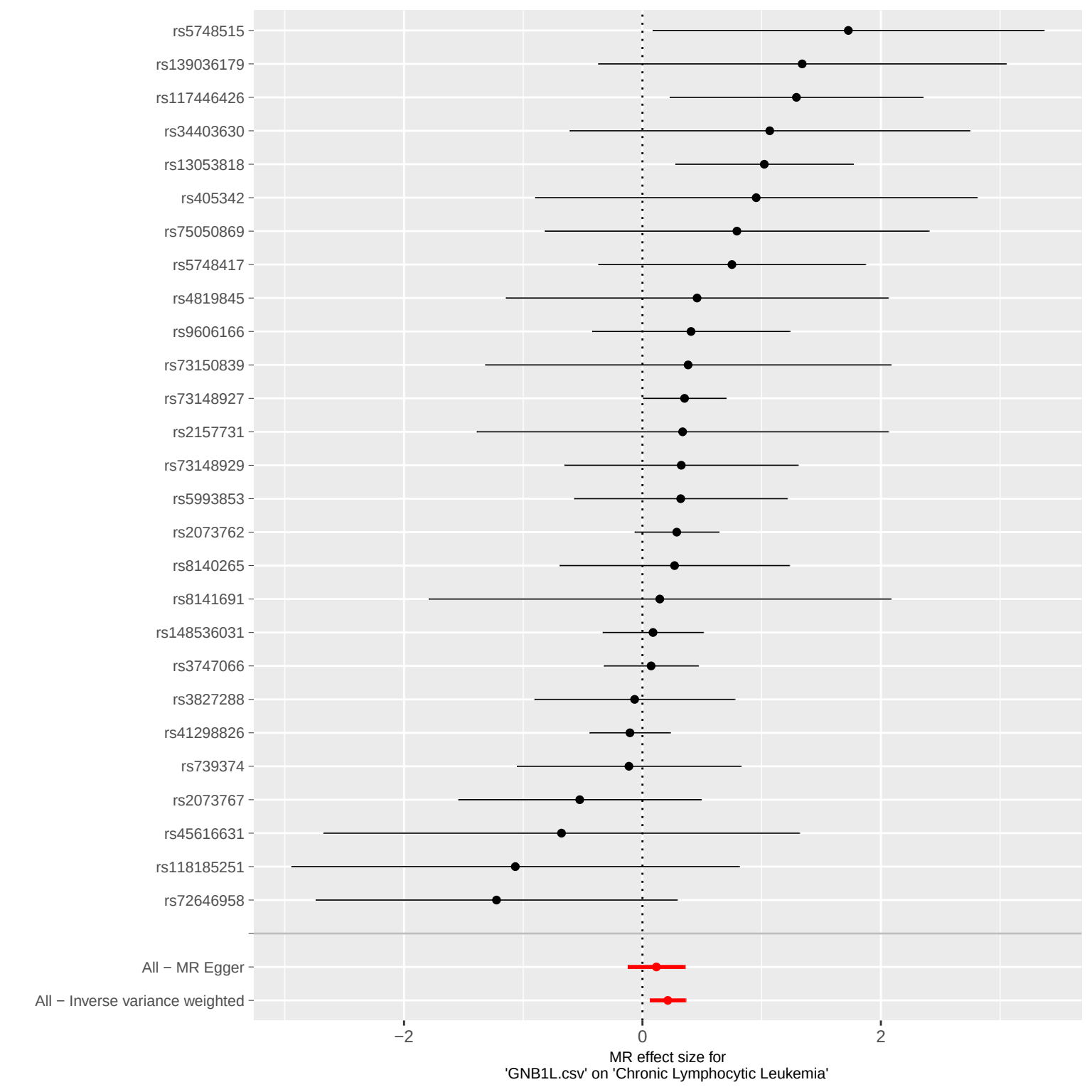
rs77122853
rs78183849
rs6070701
rs6015411
rs259956
rs117823351
rs192319
rs189356
rs142725654
rs13040204
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'GNAS.csv' on 'Chronic Lymphocytic Leukemia'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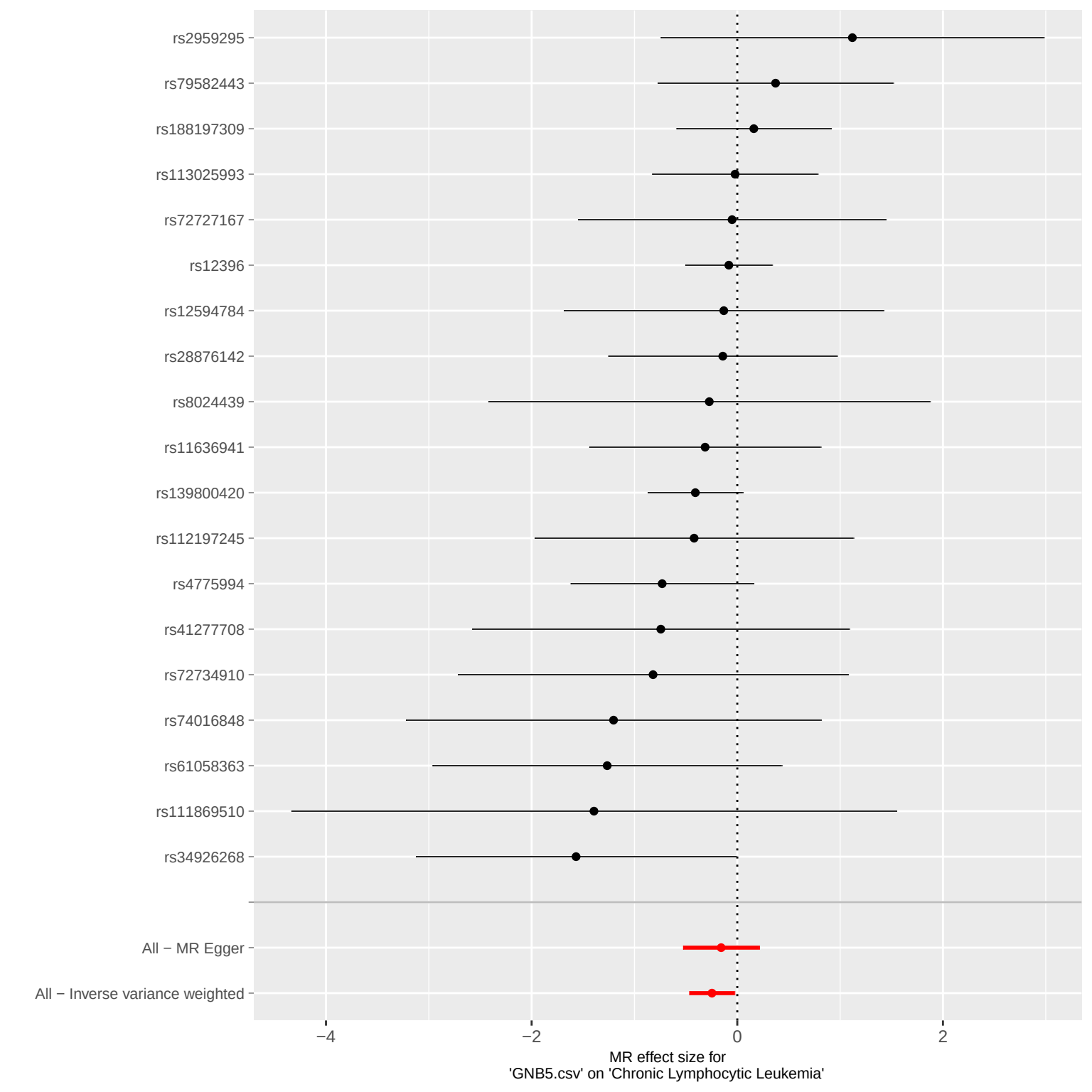
rs73148927
rs2157731
rs73148929
rs5993853
rs2073762
rs8140265
rs8141691
rs148536031
rs3747066
rs3827288
rs41298826
rs739374
rs2073767
rs45616631
rs118185251
rs72646958
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'GNB1L.csv' on 'Chronic Lymphocytic Leukemia'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rs139800420
rs112197245
rs4775994
rs41277708
rs72734910
rs74016848
rs61058363
rs111869510
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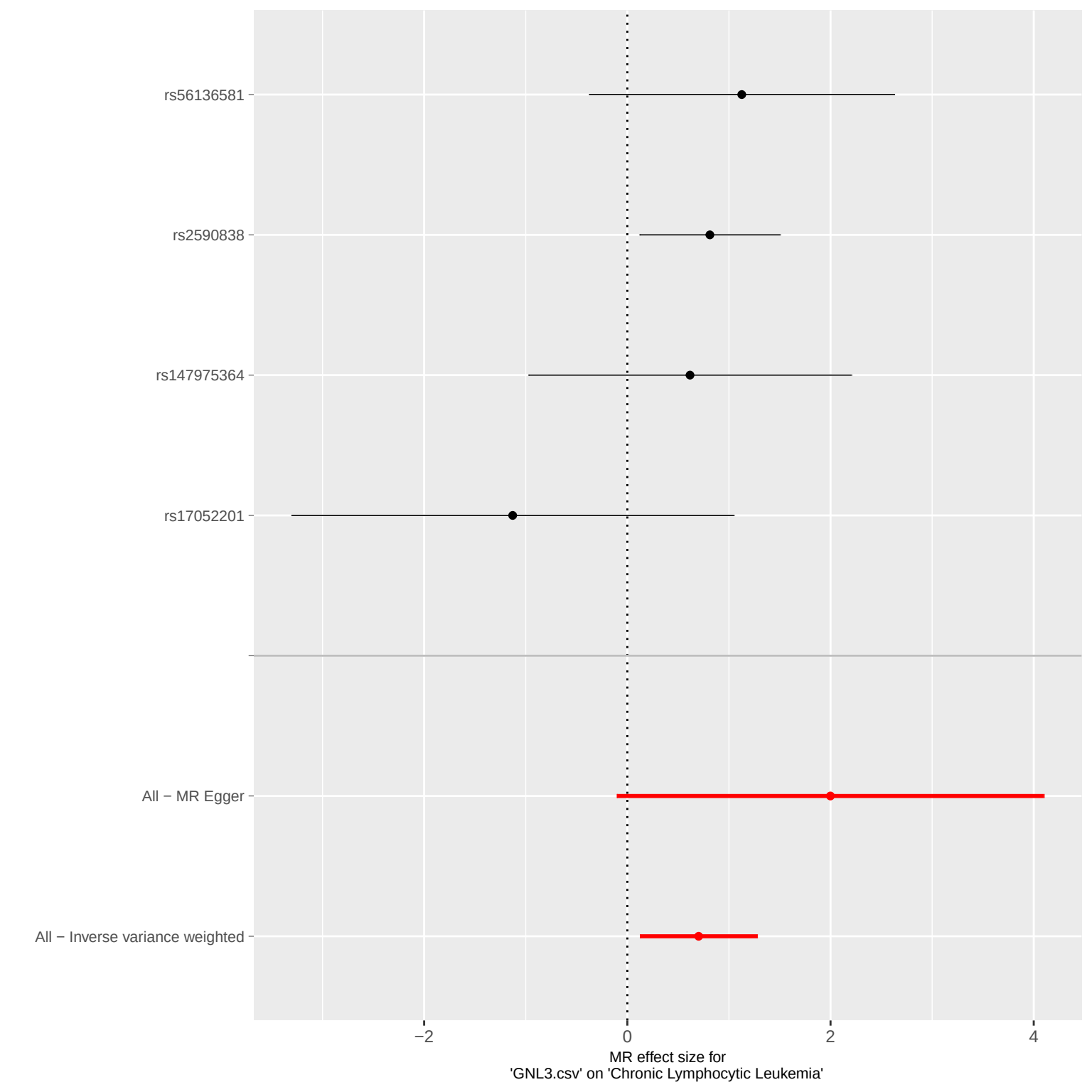
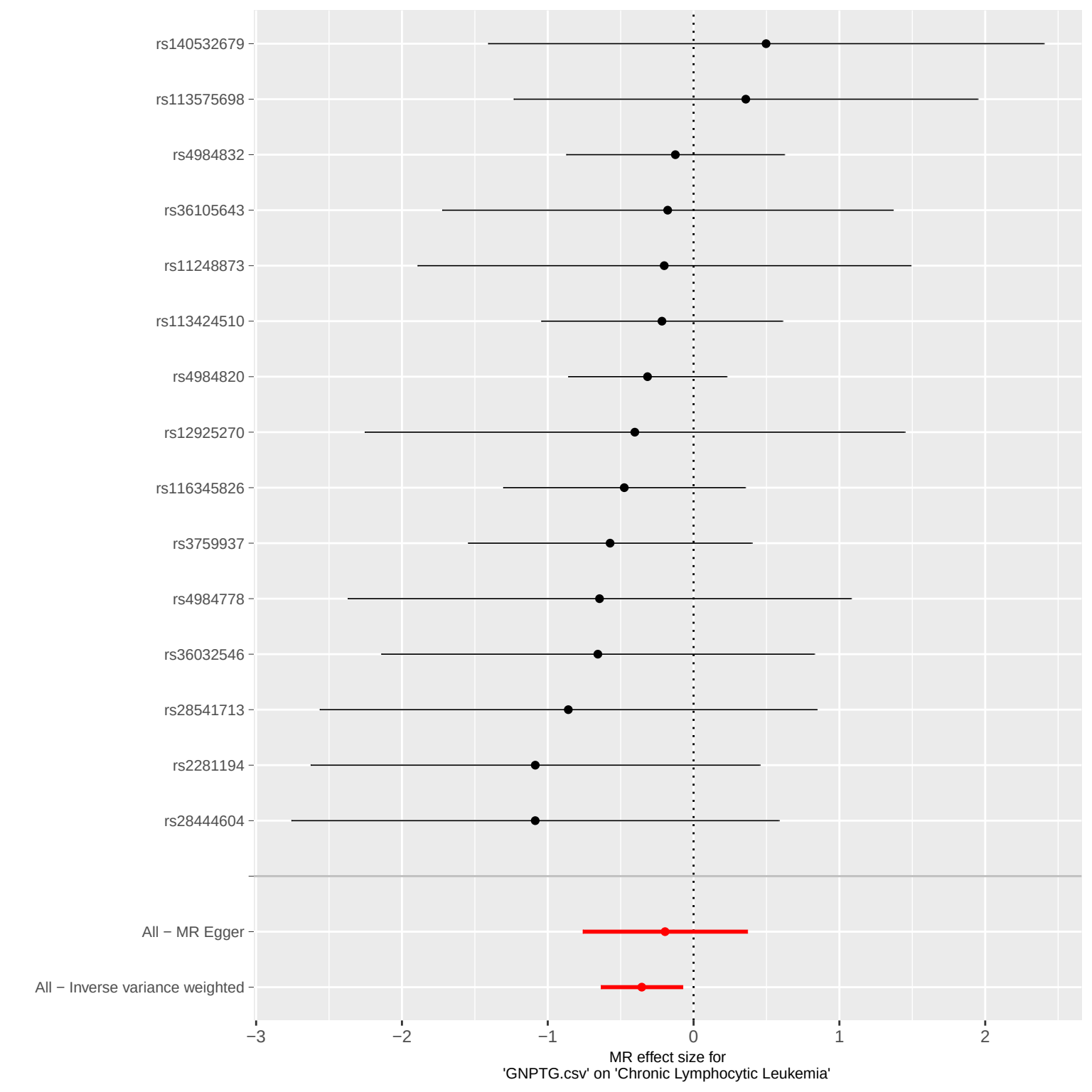
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GNB5.csv' on 'Chronic Lymphocytic Leukemia'


rs56136581
rs2590838
rs147975364
rs17052201
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'GNL3.csv' on 'Chronic Lymphocytic Leukemia'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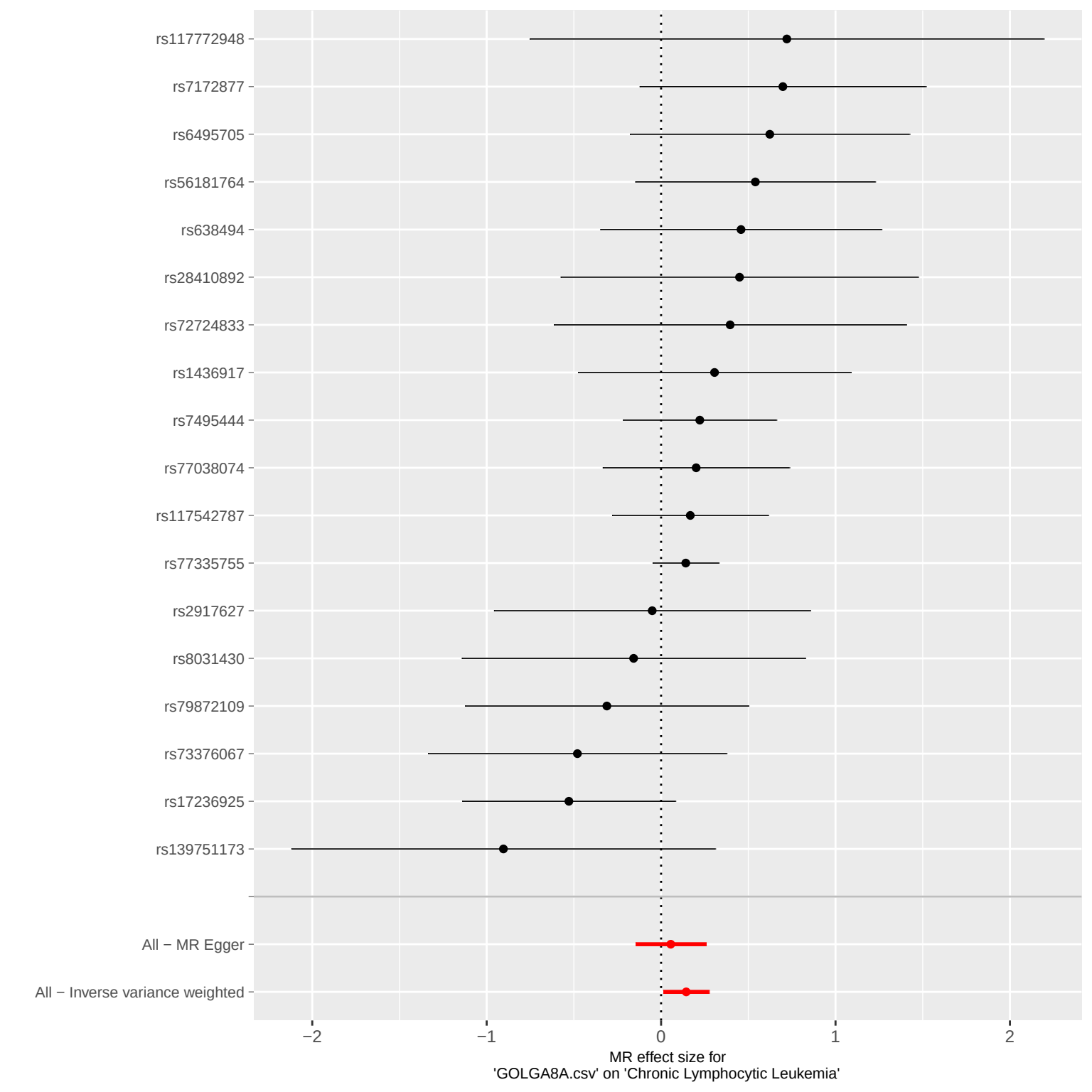
rs36105643
rs11248873
rs113424510
rs4984820
rs12925270
rs116345826
rs3759937
rs4984778
rs36032546
rs28541713
rs2281194
rs28444604
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'GNPTG.csv' on 'Chronic Lymphocytic Leukemia'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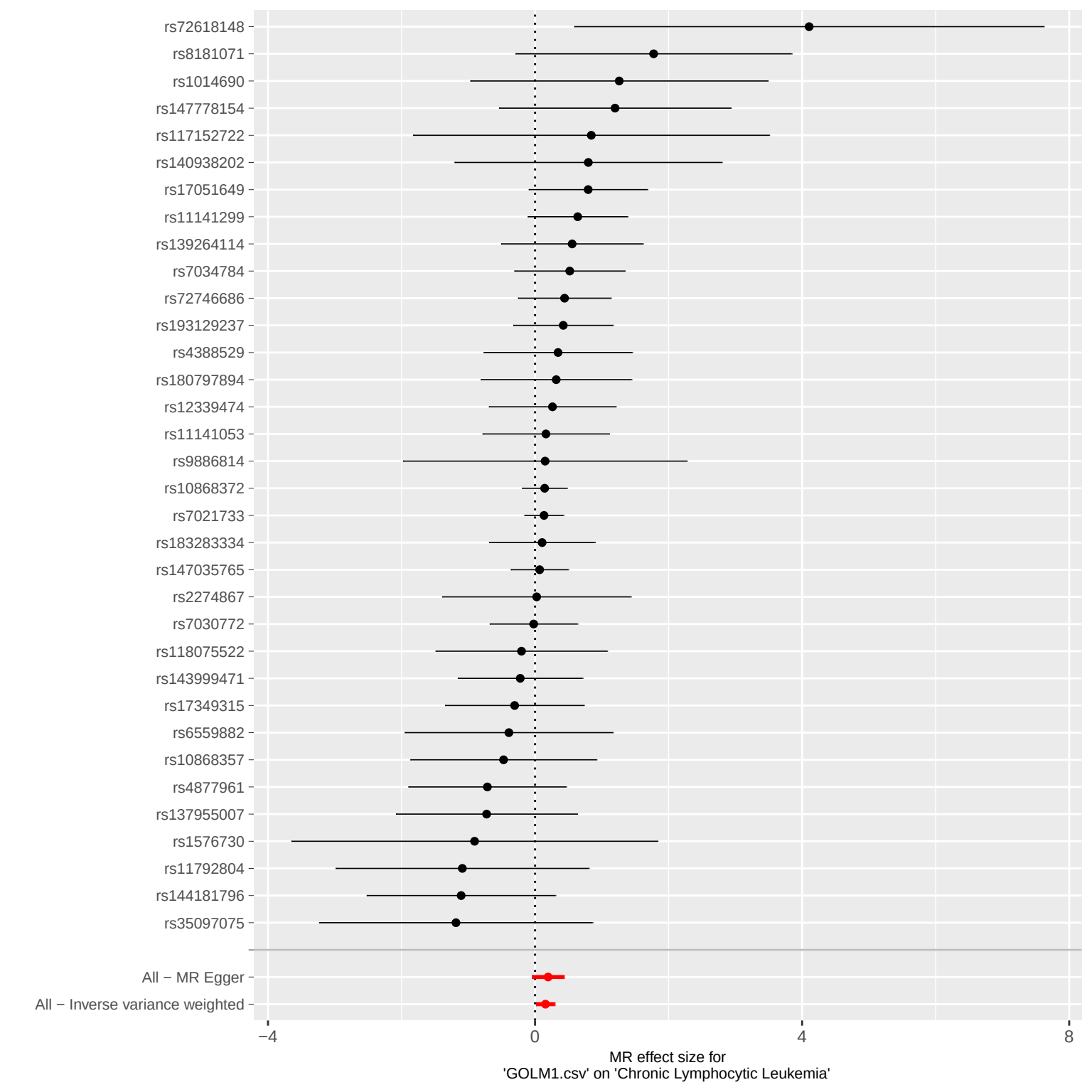
rs77335755
rs2917627
rs8031430
rs79872109
rs73376067
rs17236925
rs139751173
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'GOLGA8A.csv' on 'Chronic Lymphocytic Leukemia'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rs7030772
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rs143999471
rs17349315
rs6559882
rs10868357
rs4877961
rs137955007
rs1576730
rs11792804
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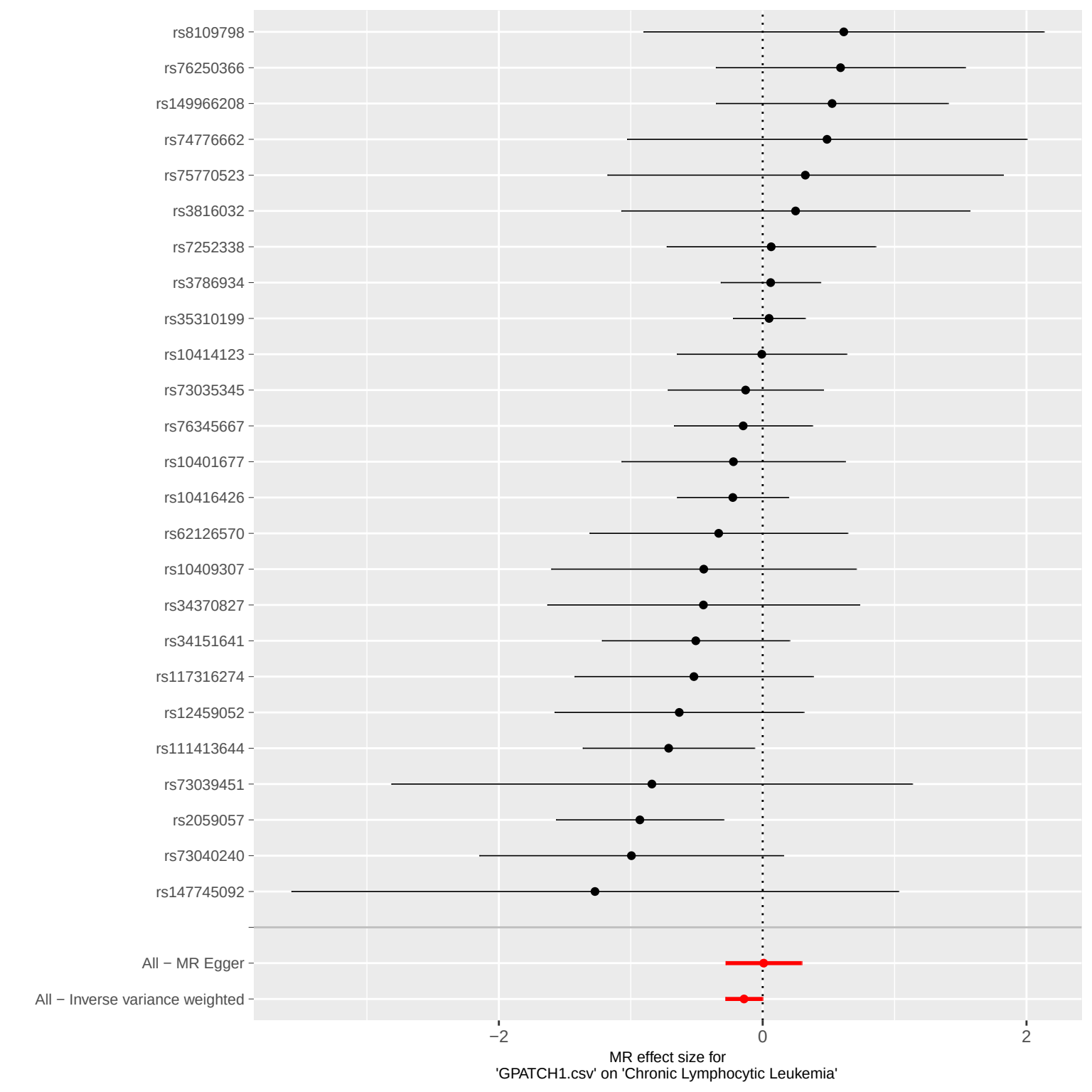
rs35097075
All − MR Egger
All − Inverse variance weighted
−4
0
4
8
MR effect size for
'GOLM1.csv' on 'Chronic Lymphocytic Leukemia'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rs10409307
rs34370827
rs34151641
rs117316274
rs12459052
rs111413644
rs73039451
rs2059057
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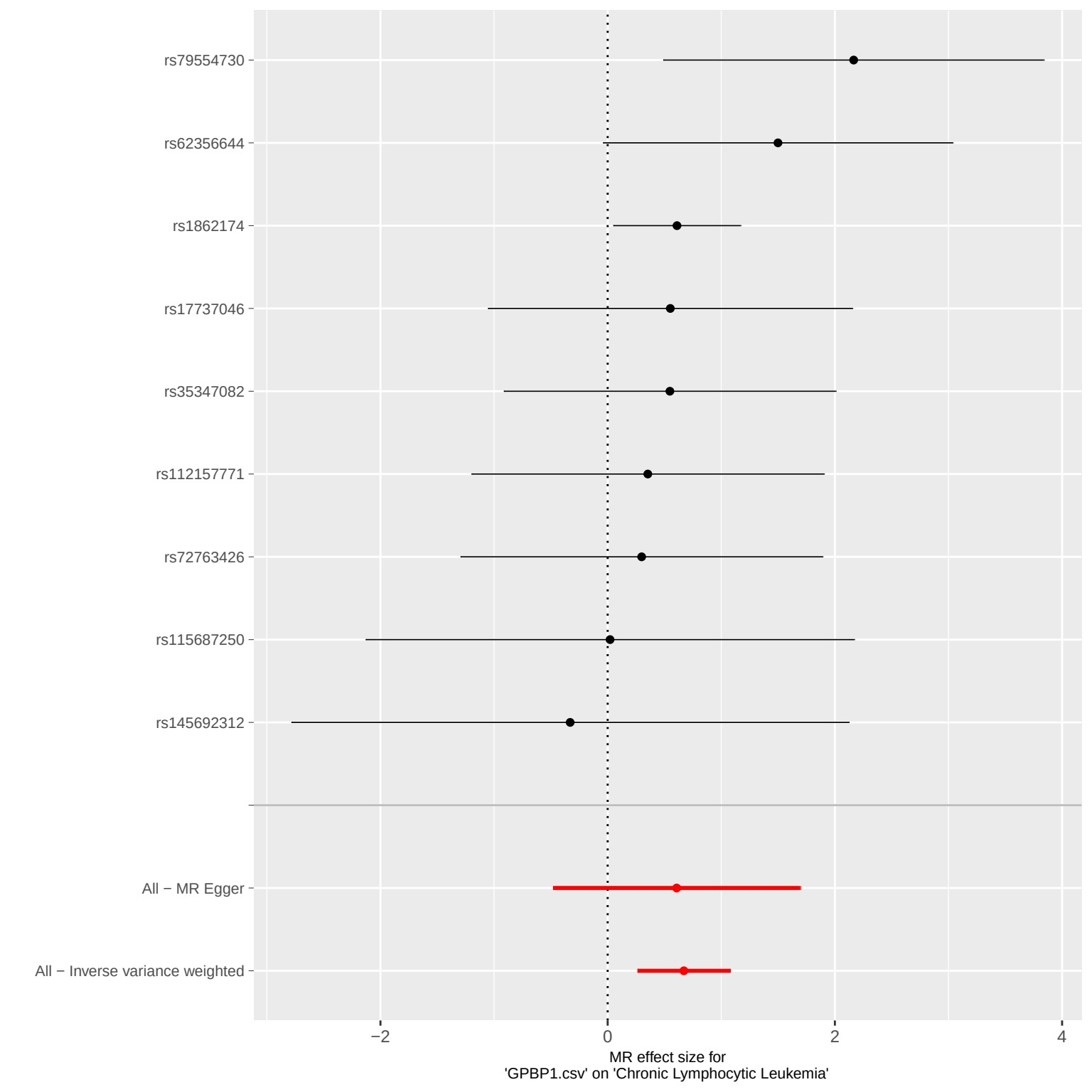
rs147745092
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'GPATCH1.csv' on 'Chronic Lymphocytic Leukemia'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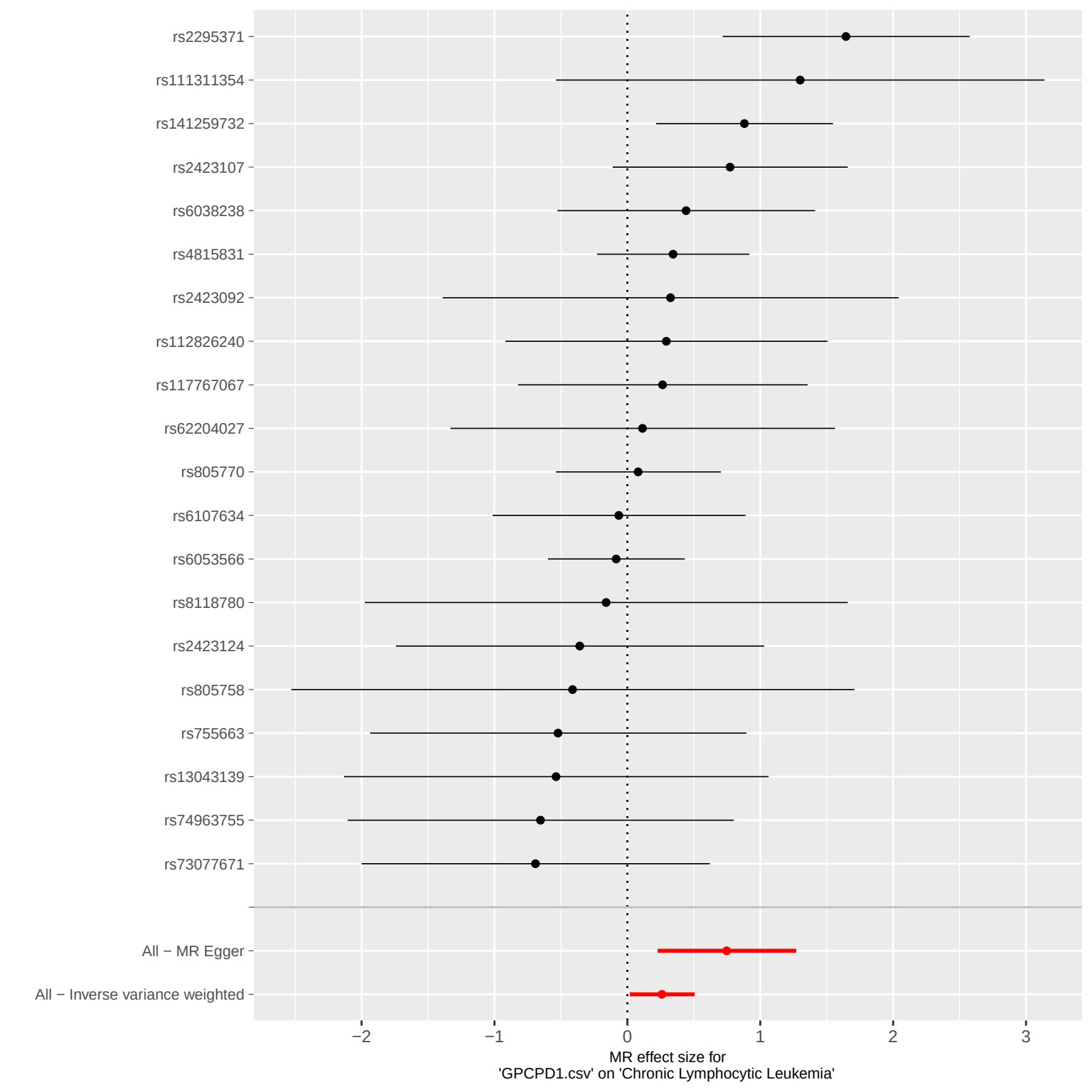
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'GPBP1.csv' on 'Chronic Lymphocytic Leukemia'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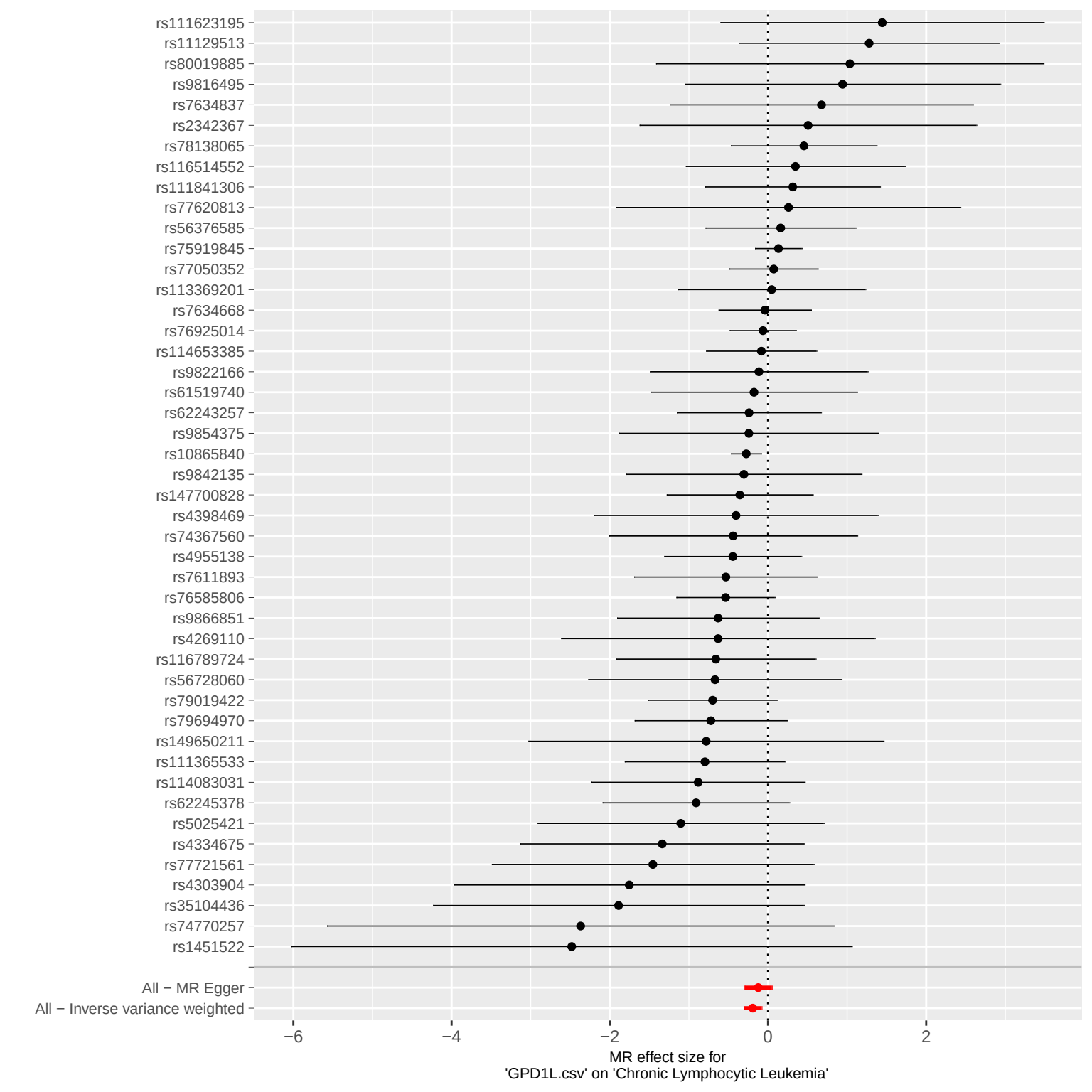
rs805770
rs6107634
rs6053566
rs8118780
rs2423124
rs805758
rs755663
rs13043139
rs74963755
rs73077671
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'GPCPD1.csv' on 'Chronic Lymphocytic Leukemia'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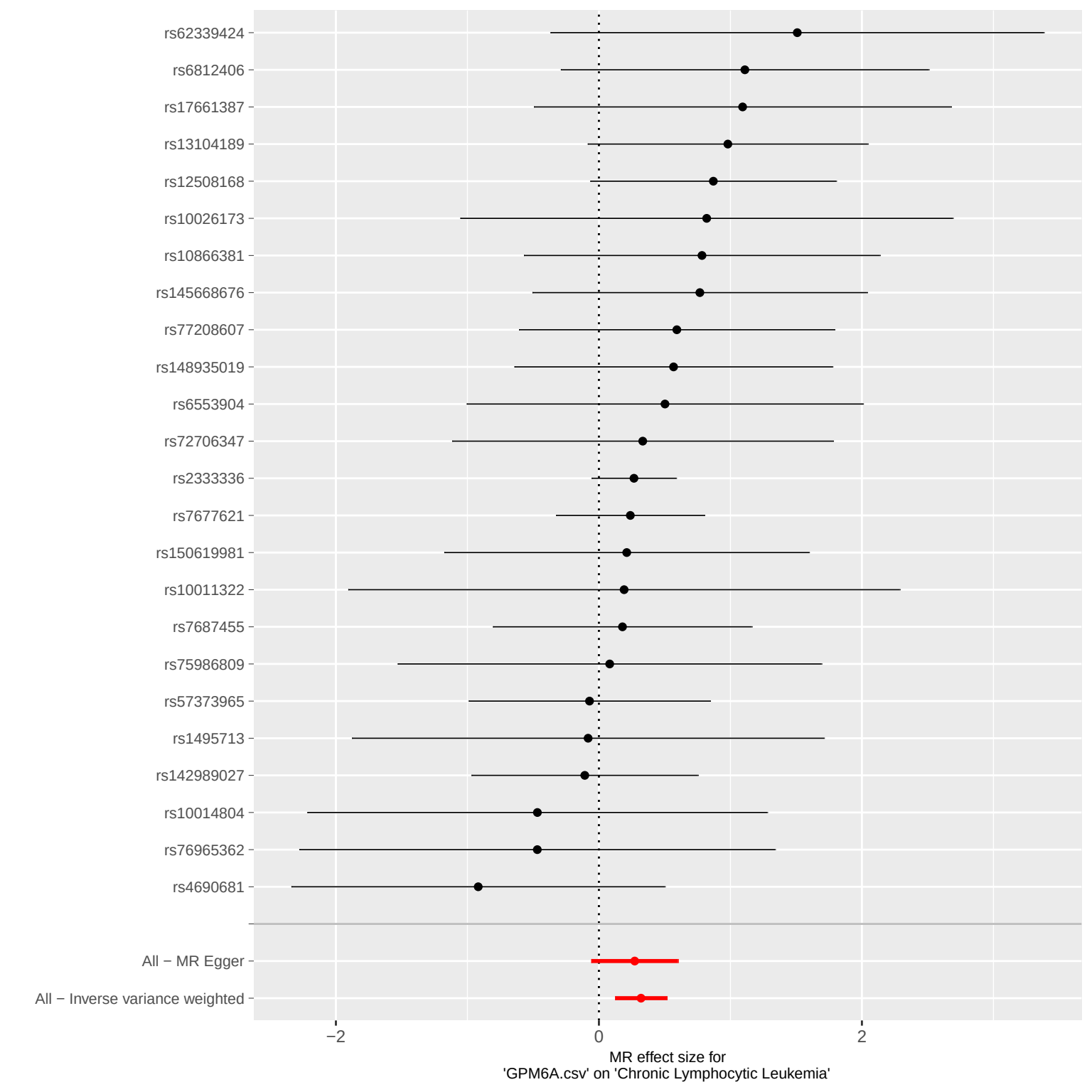
rs4303904
rs35104436
rs74770257
rs1451522
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'GPD1L.csv' on 'Chronic Lymphocytic Leukemia'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rs57373965
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rs142989027
rs10014804
rs76965362
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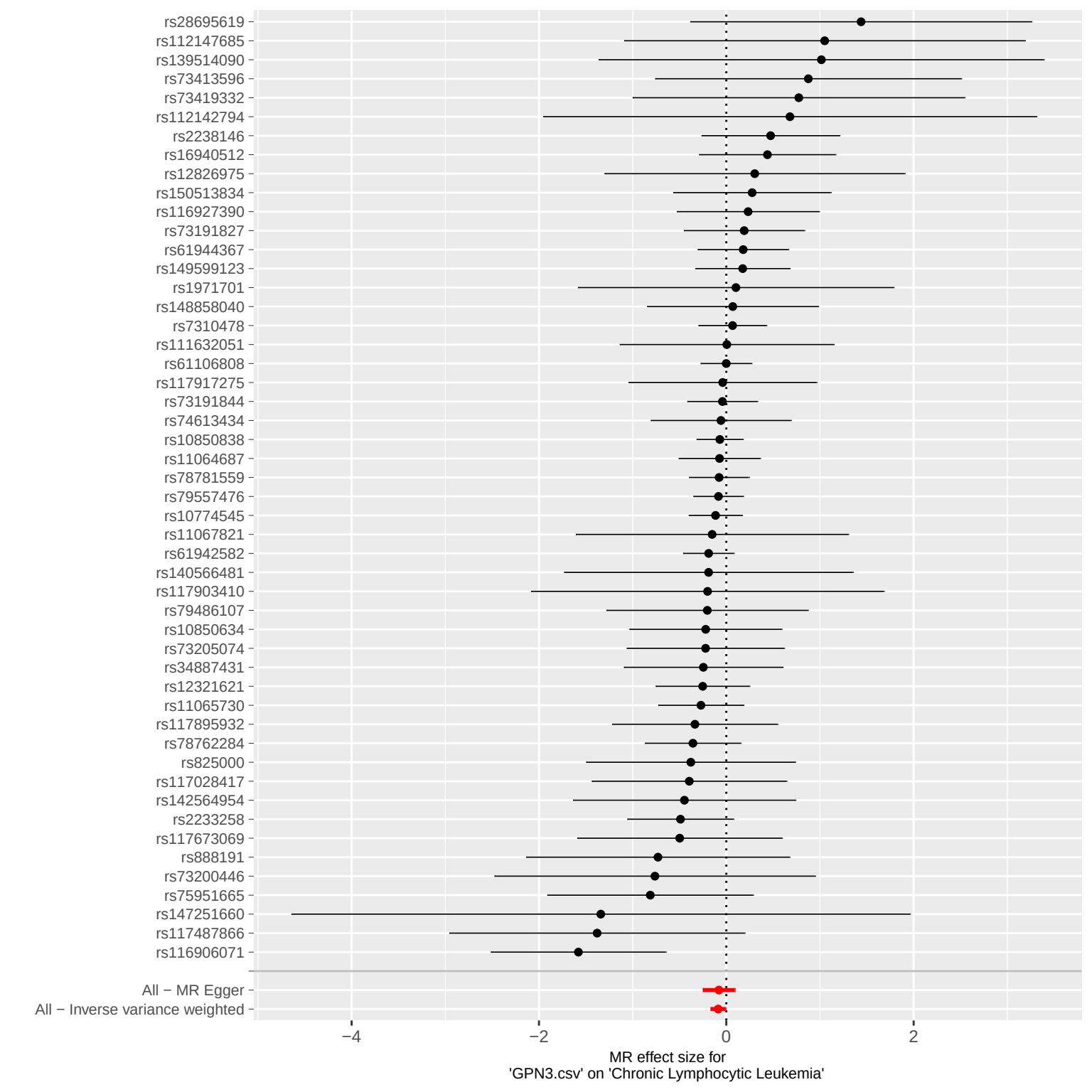
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'GPM6A.csv' on 'Chronic Lymphocytic Leukemia'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rs10774545
rs11067821
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rs2233258
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rs888191
rs73200446
rs75951665
rs147251660
rs117487866
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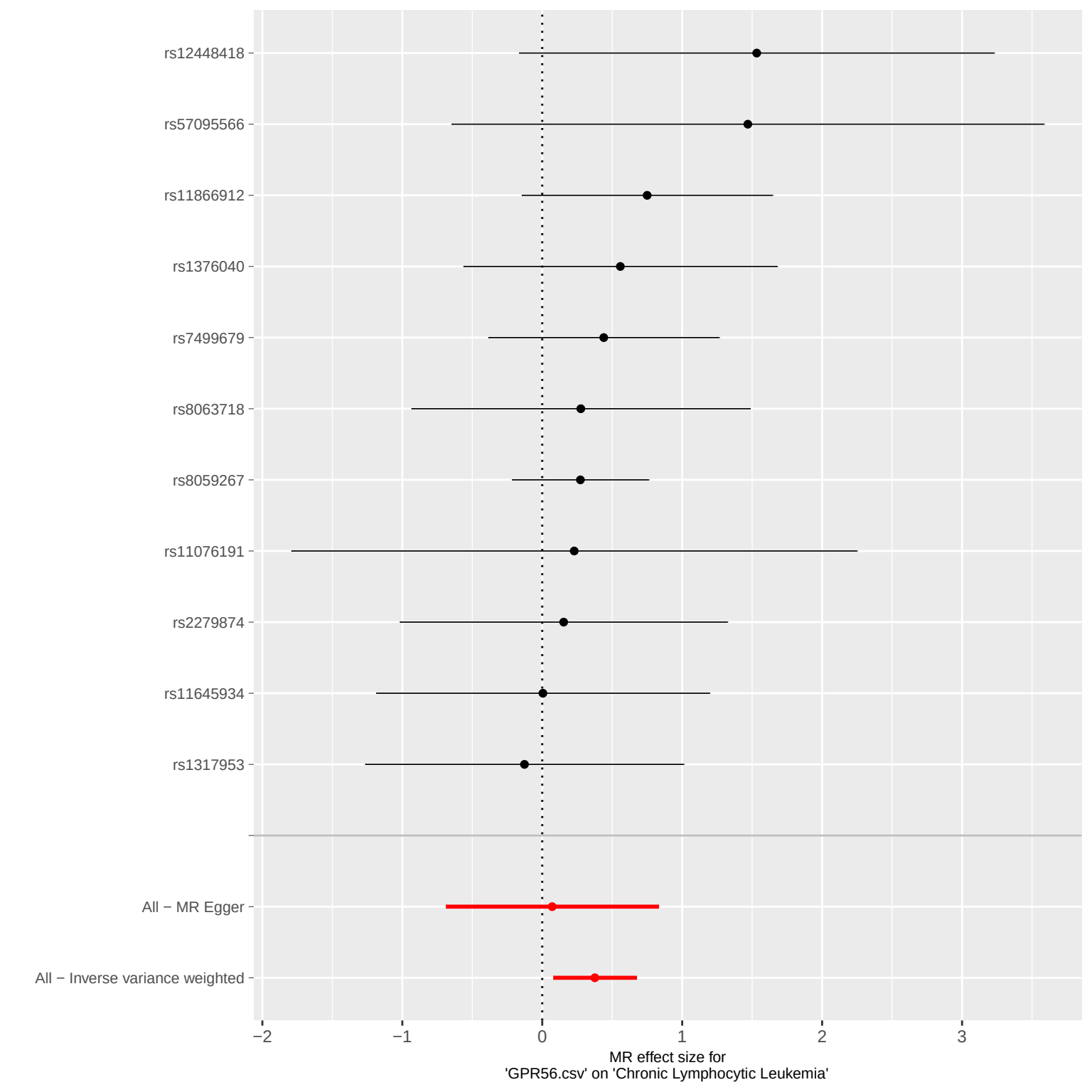
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GPN3.csv' on 'Chronic Lymphocytic Leukemia'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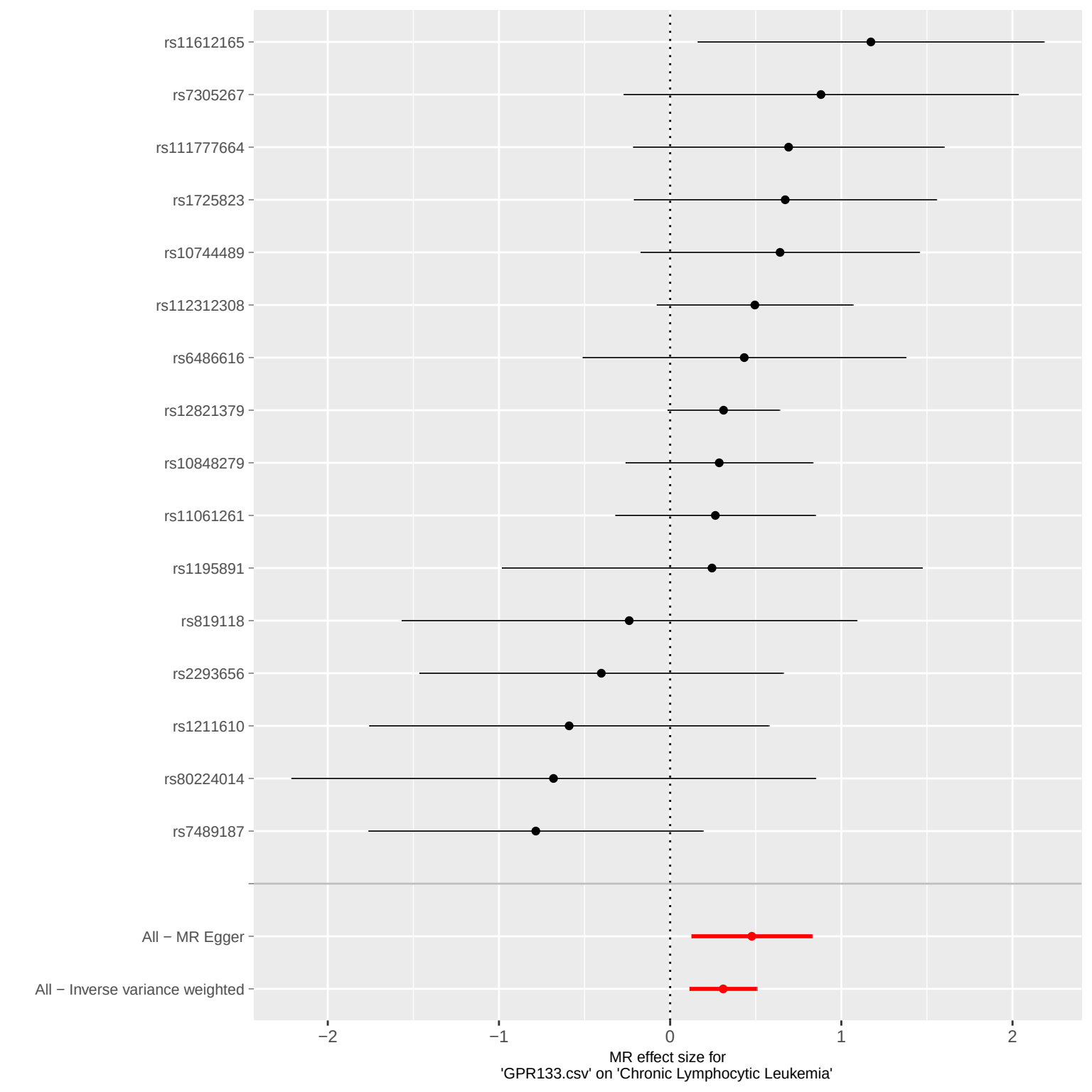
rs57095566
rs11866912
rs1376040
rs7499679
rs8063718
rs8059267
rs11076191
rs2279874
rs11645934
rs1317953
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'GPR56.csv' on 'Chronic Lymphocytic Leukemia'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rs6486616
rs12821379
rs10848279
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rs1195891
rs819118
rs2293656
rs1211610
rs80224014
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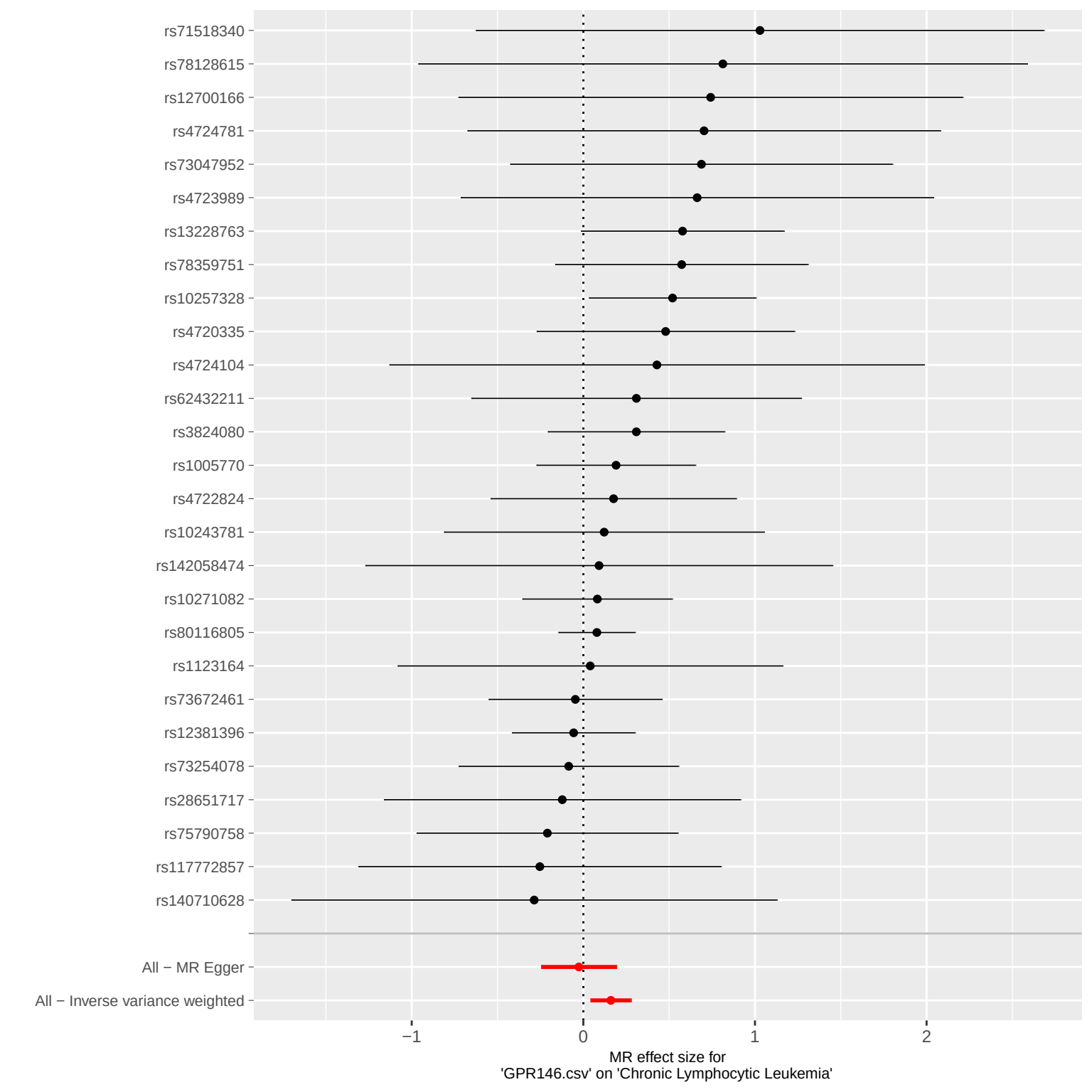
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'GPR133.csv' on 'Chronic Lymphocytic Leukemia'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rs62432211
rs3824080
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rs4722824
rs10243781
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rs10271082
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rs1123164
rs73672461
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rs28651717
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rs117772857
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All − MR Egger
All − Inverse variance weighted
−1
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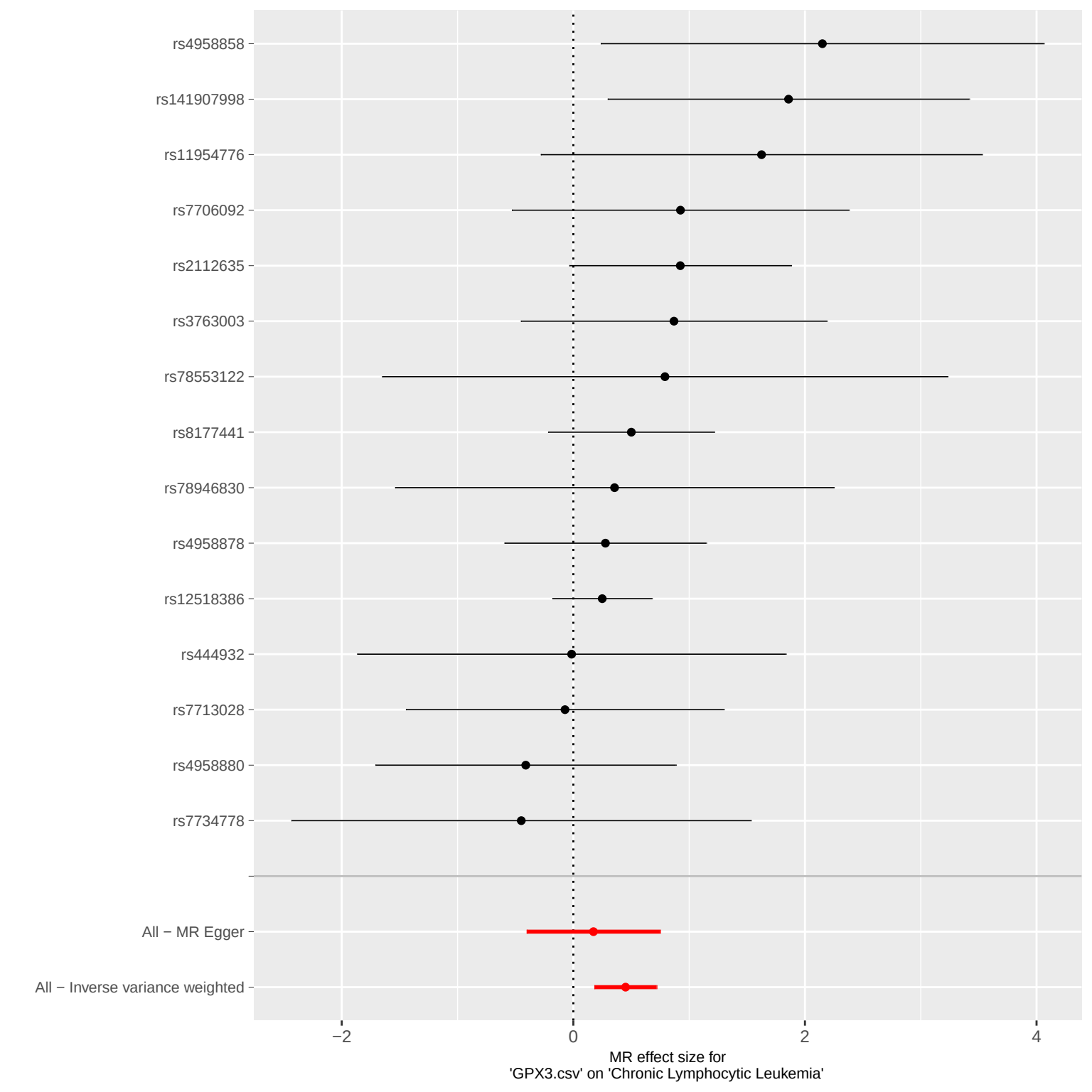
2
MR effect size for
'GPR146.csv' on 'Chronic Lymphocytic Leukemia'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rs444932
rs7713028
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All − MR Egger
All − Inverse variance weighted
−2
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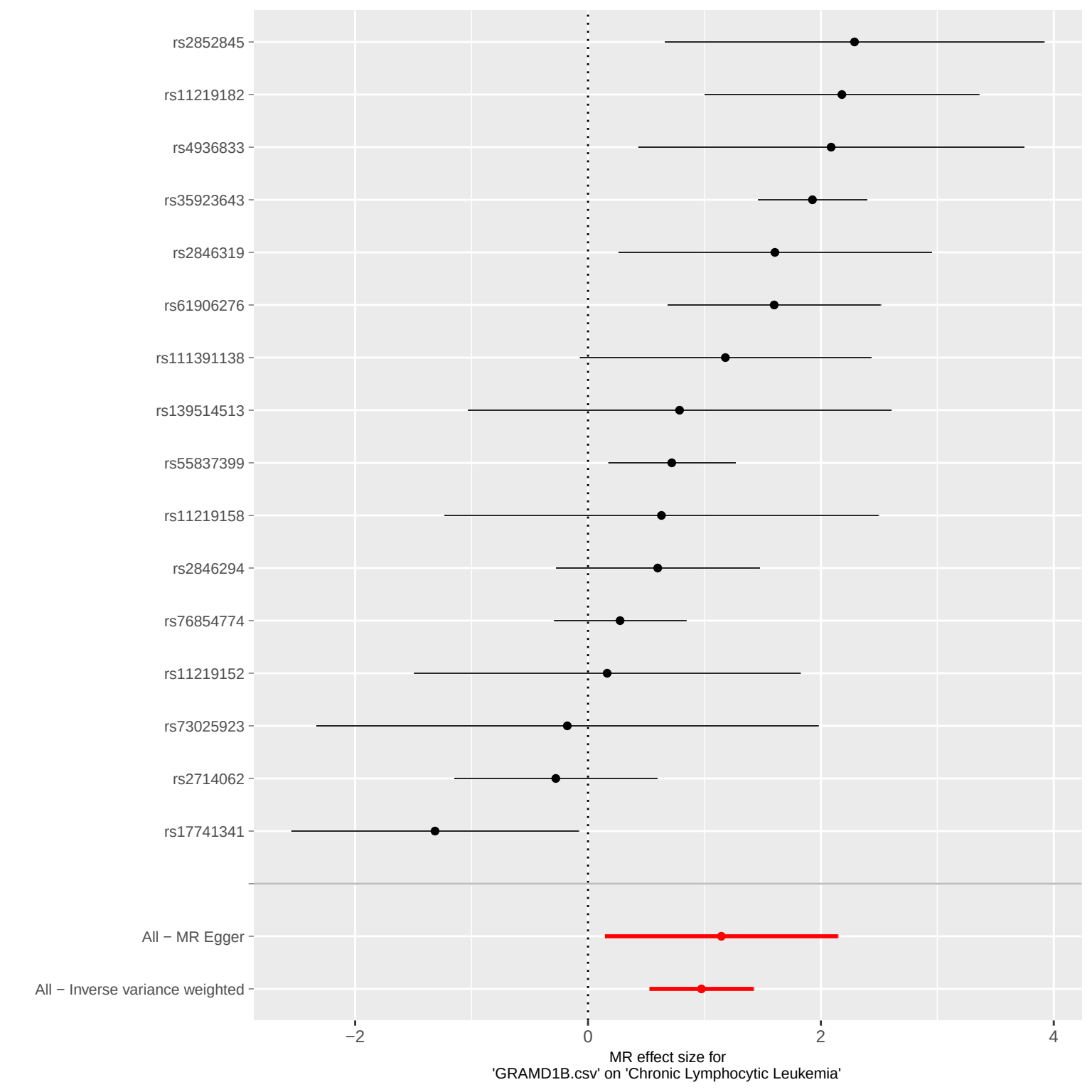
2
4
MR effect size for
'GPX3.csv' on 'Chronic Lymphocytic Leukemia'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rs139514513
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rs2846294
rs76854774
rs11219152
rs73025923
rs2714062
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All − MR Egger
All − Inverse variance weighted
−2
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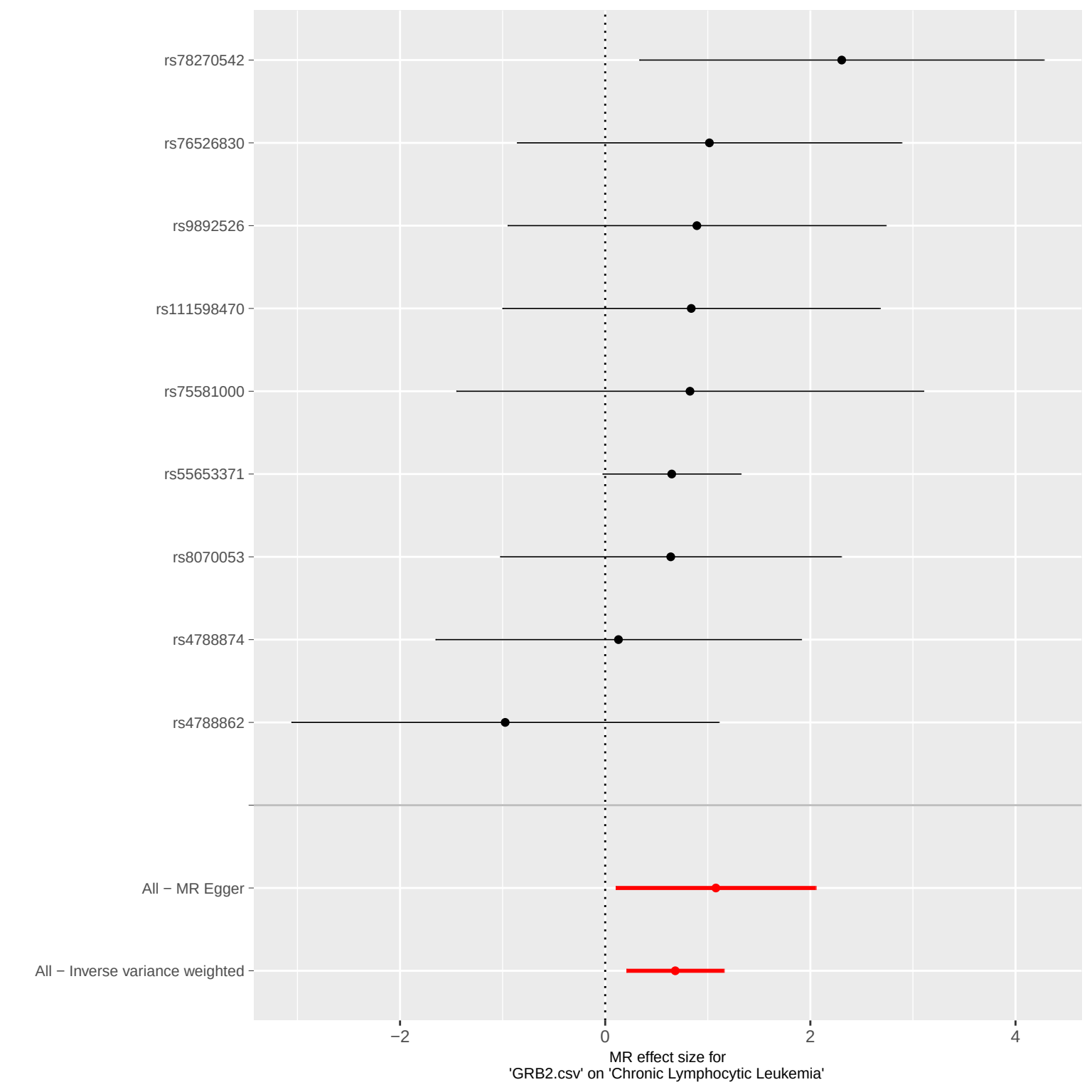
2
4
MR effect size for
'GRAMD1B.csv' on 'Chronic Lymphocytic Leukemia'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rs8070053
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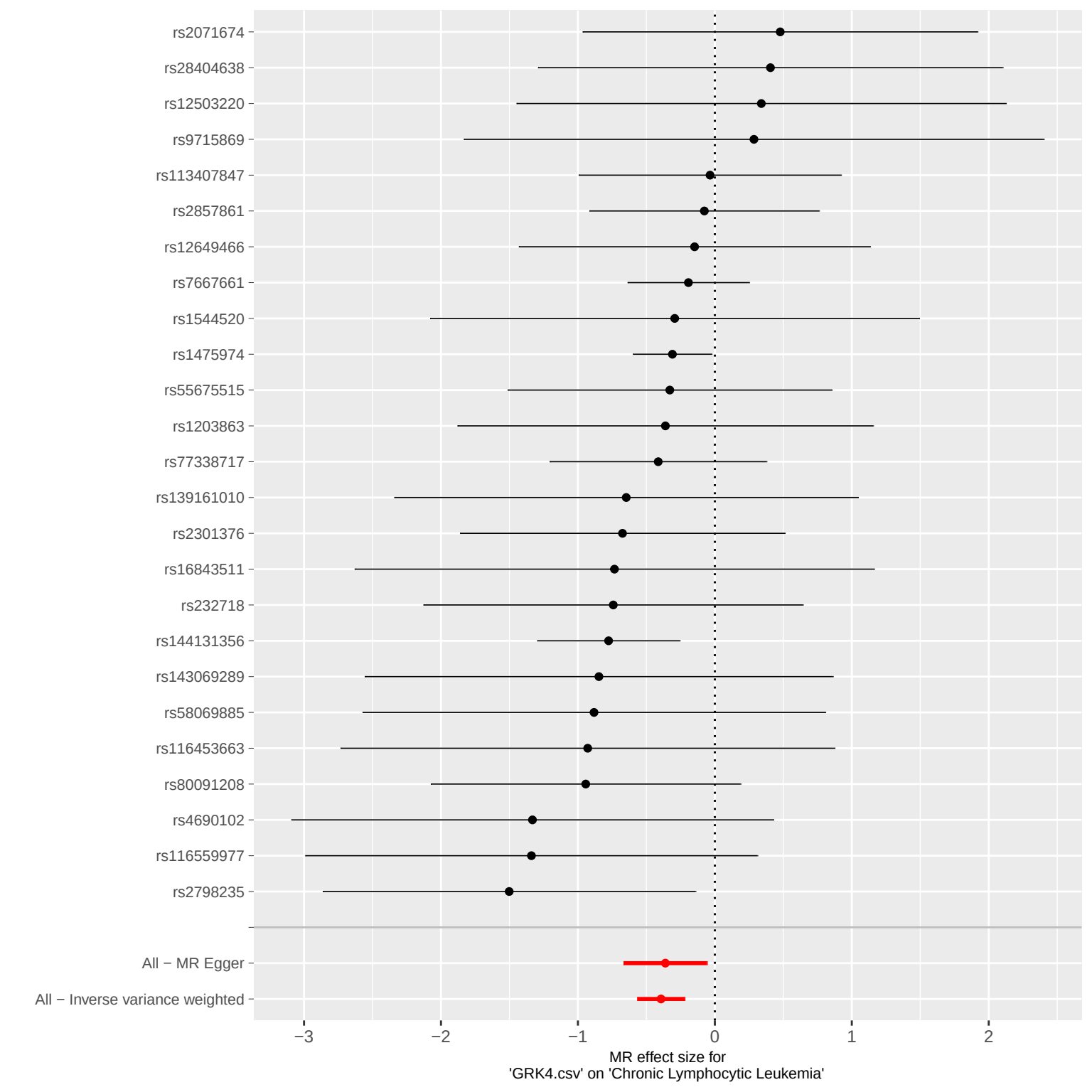
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'GRB2.csv' on 'Chronic Lymphocytic Leukemia'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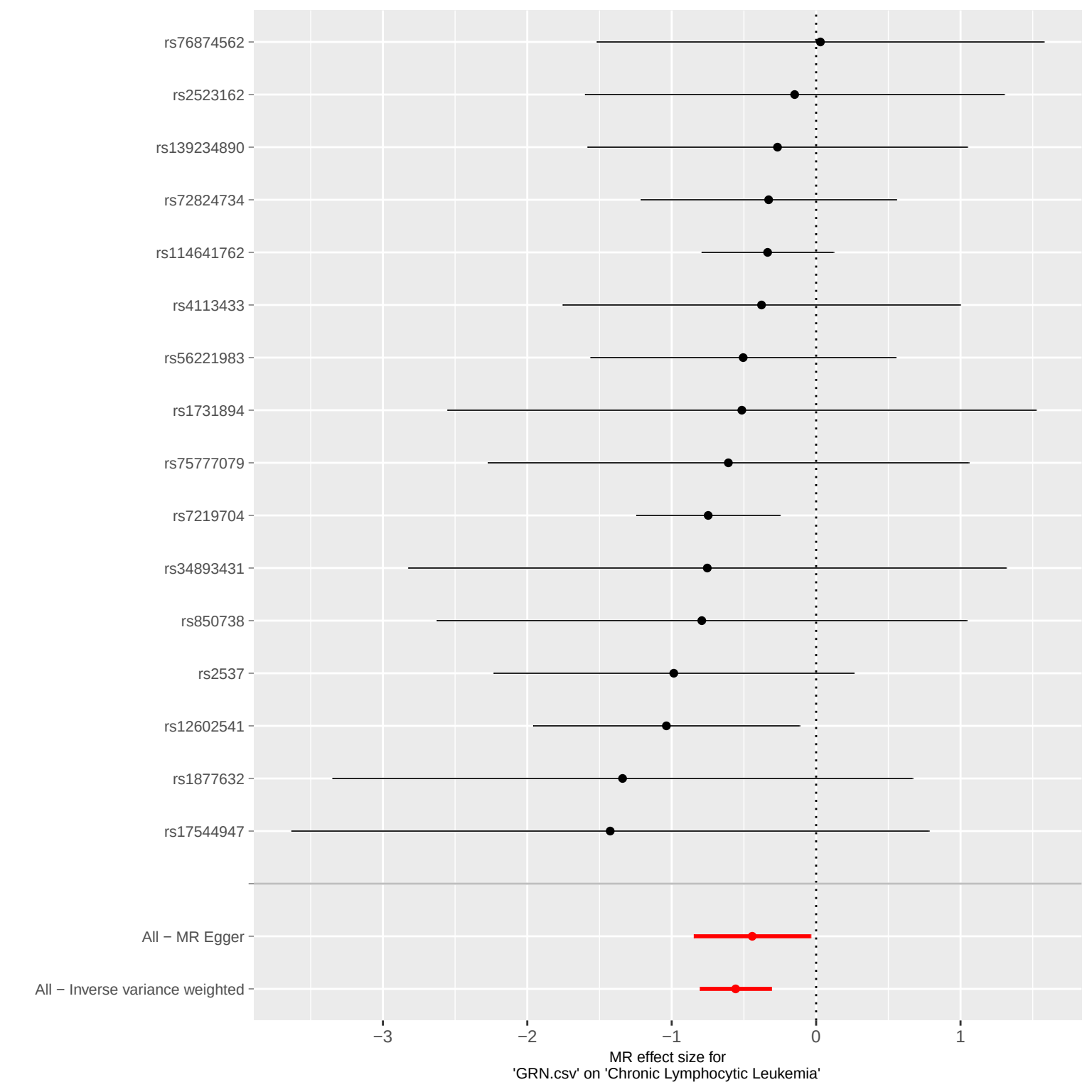
rs16843511
rs232718
rs144131356
rs143069289
rs58069885
rs116453663
rs80091208
rs4690102
rs116559977
rs2798235
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'GRK4.csv' on 'Chronic Lymphocytic Leukemia'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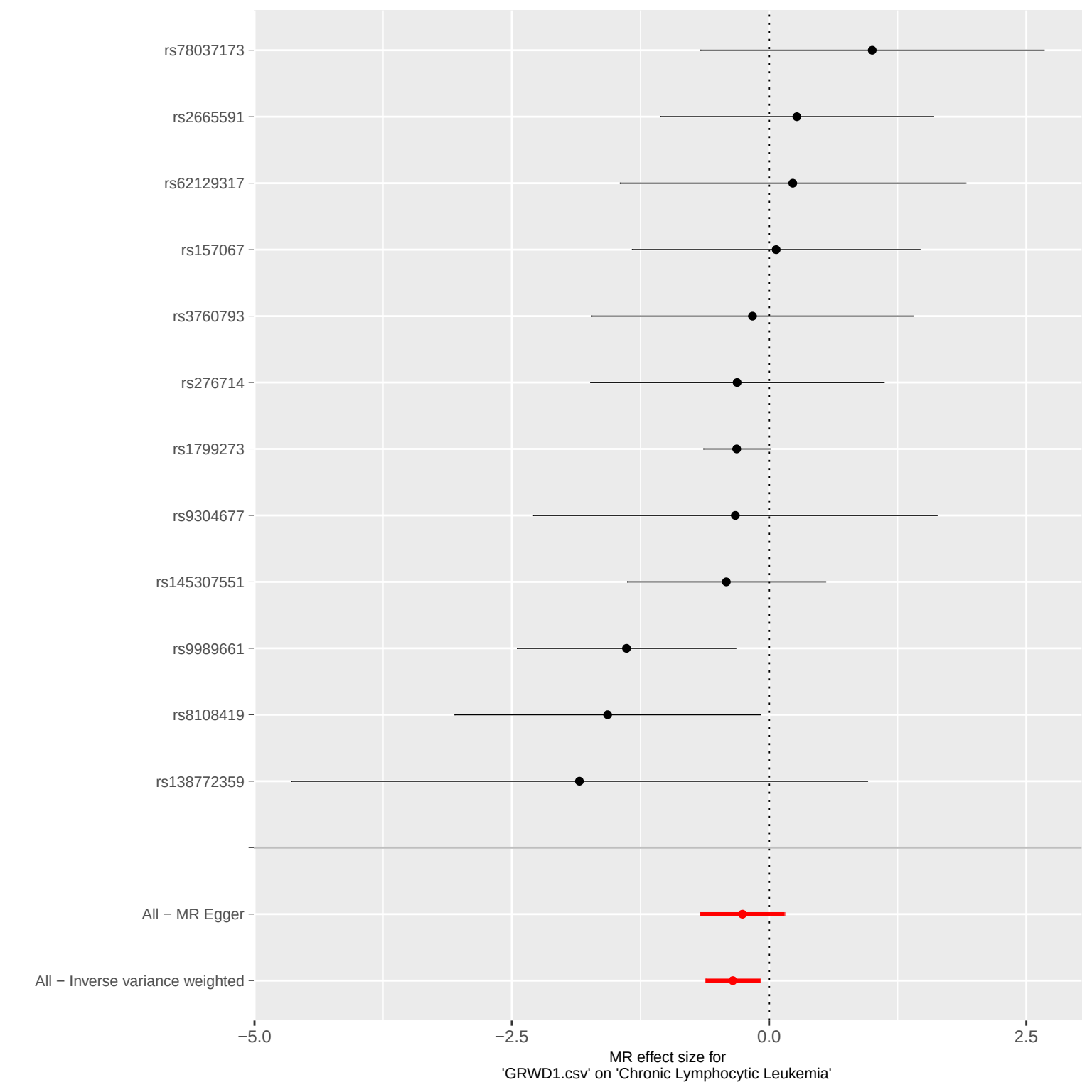
rs7219704
rs34893431
rs850738
rs2537
rs12602541
rs1877632
rs17544947
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'GRN.csv' on 'Chronic Lymphocytic Leukemia'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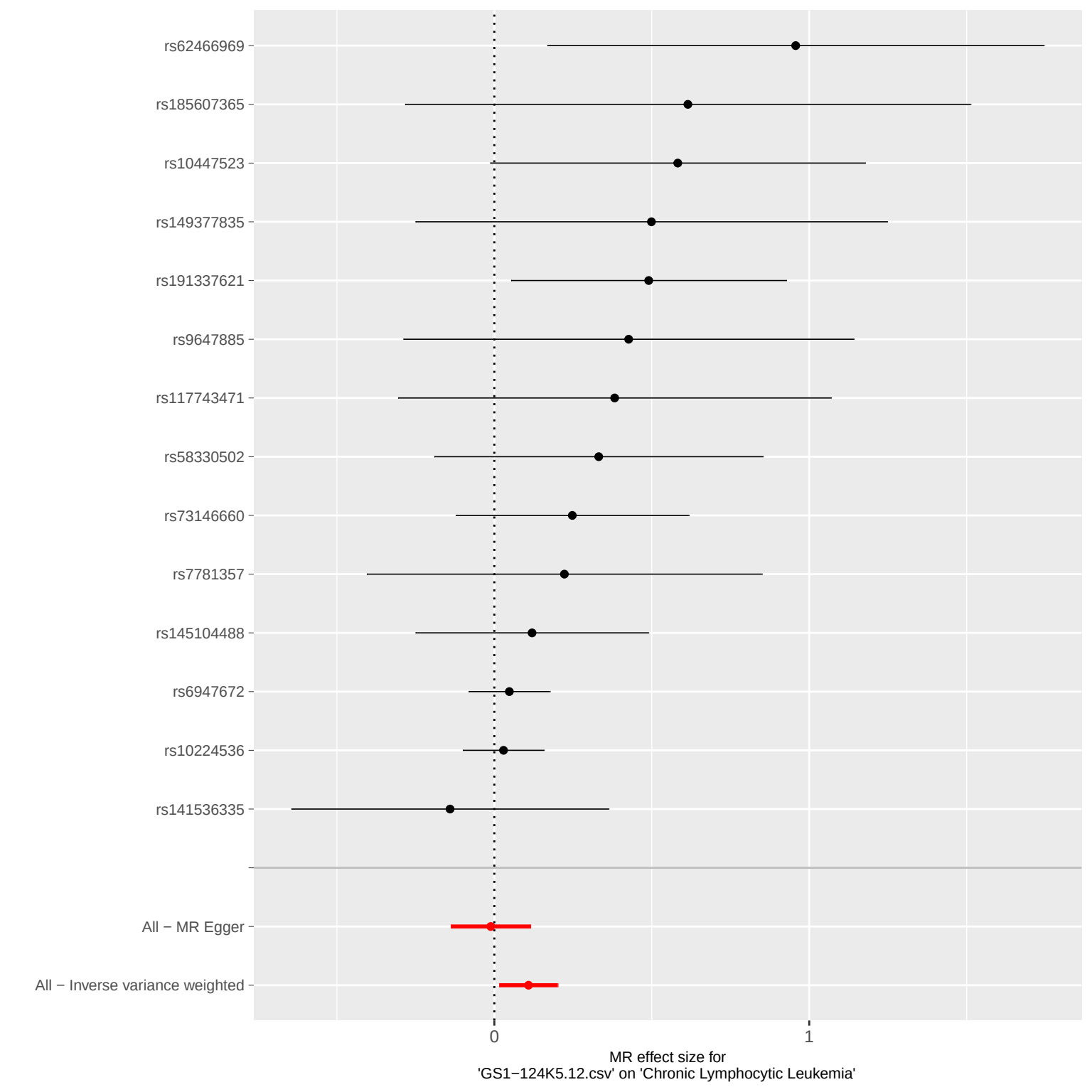
rs1799273
rs9304677
rs145307551
rs9989661
rs8108419
rs138772359
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'GRWD1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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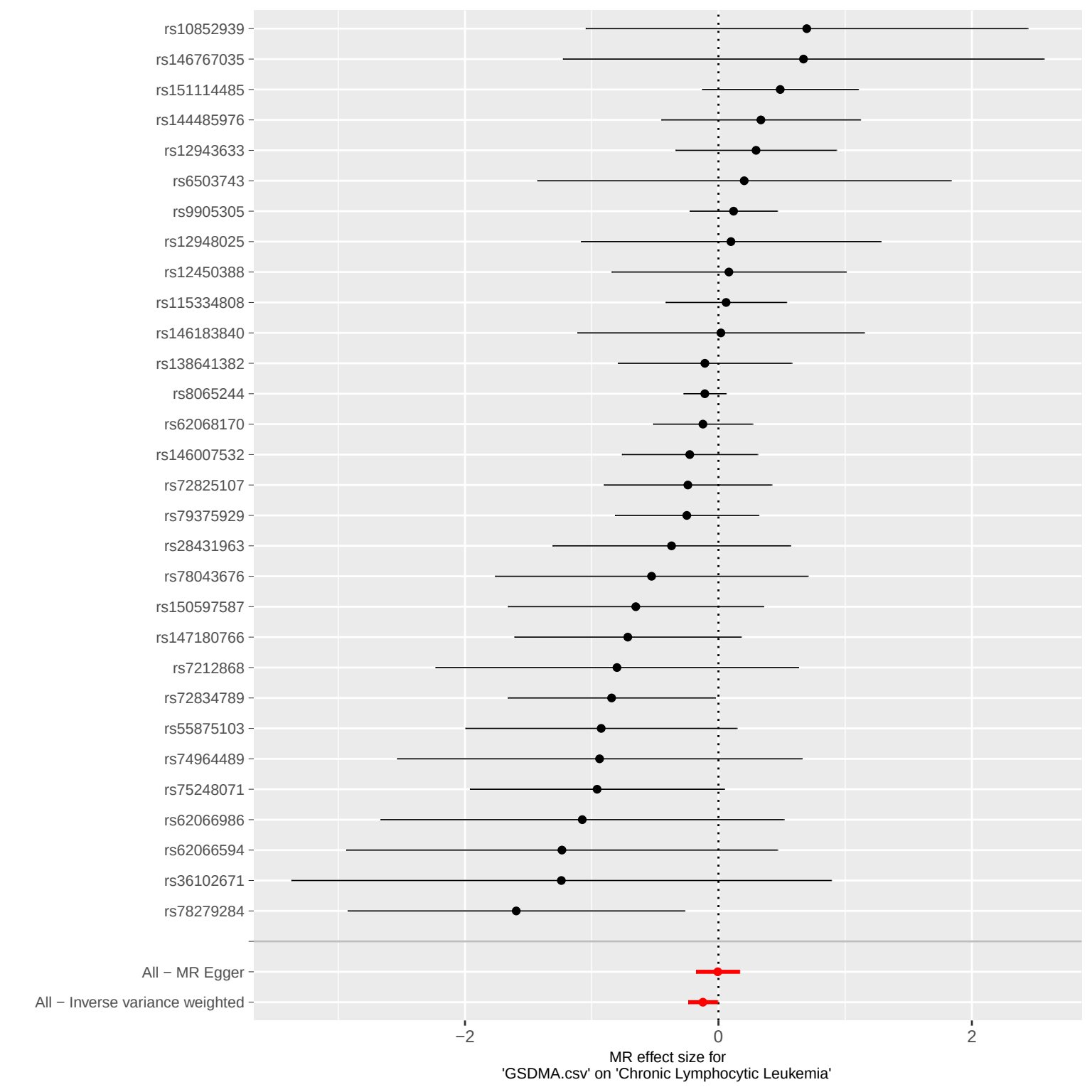
MR effect size for
'GS1−124K5.12.csv' on 'Chronic Lymphocytic Leukemia'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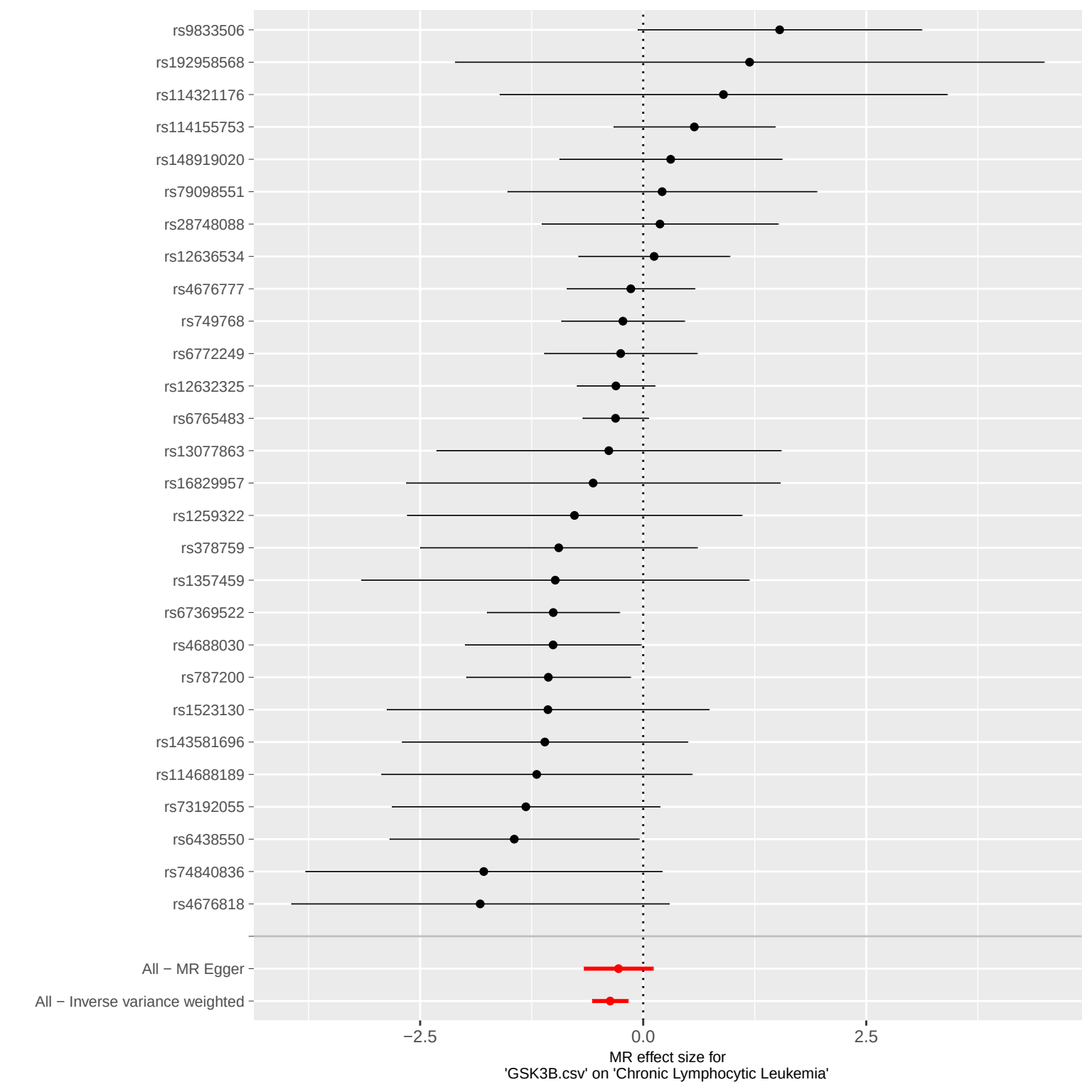
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'GSDMA.csv' on 'Chronic Lymphocytic Leukemia'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rs4688030
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rs1523130
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rs114688189
rs73192055
rs6438550
rs74840836
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All − MR Egger
All − Inverse variance weighted
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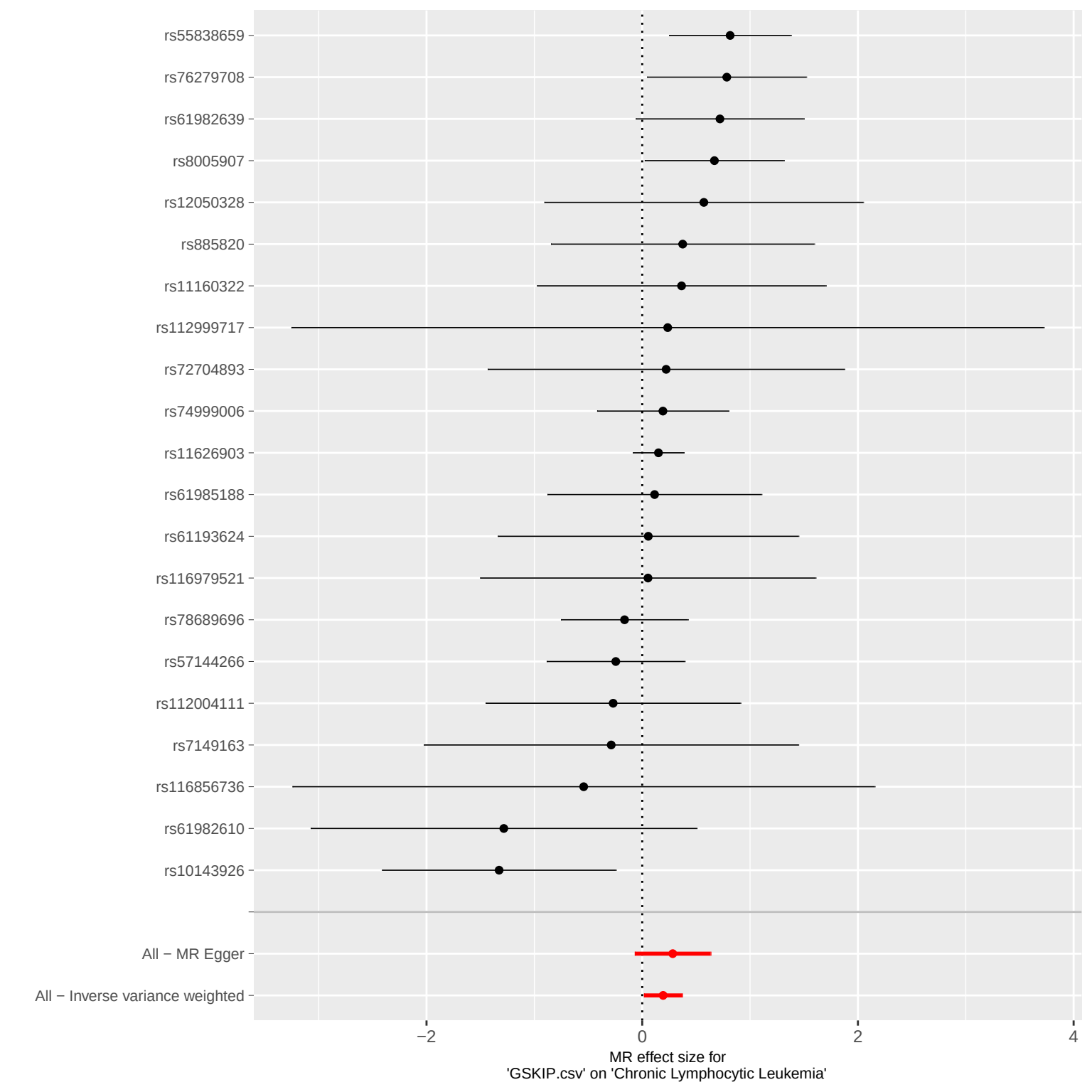
2.5
MR effect size for
'GSK3B.csv' on 'Chronic Lymphocytic Leukemia'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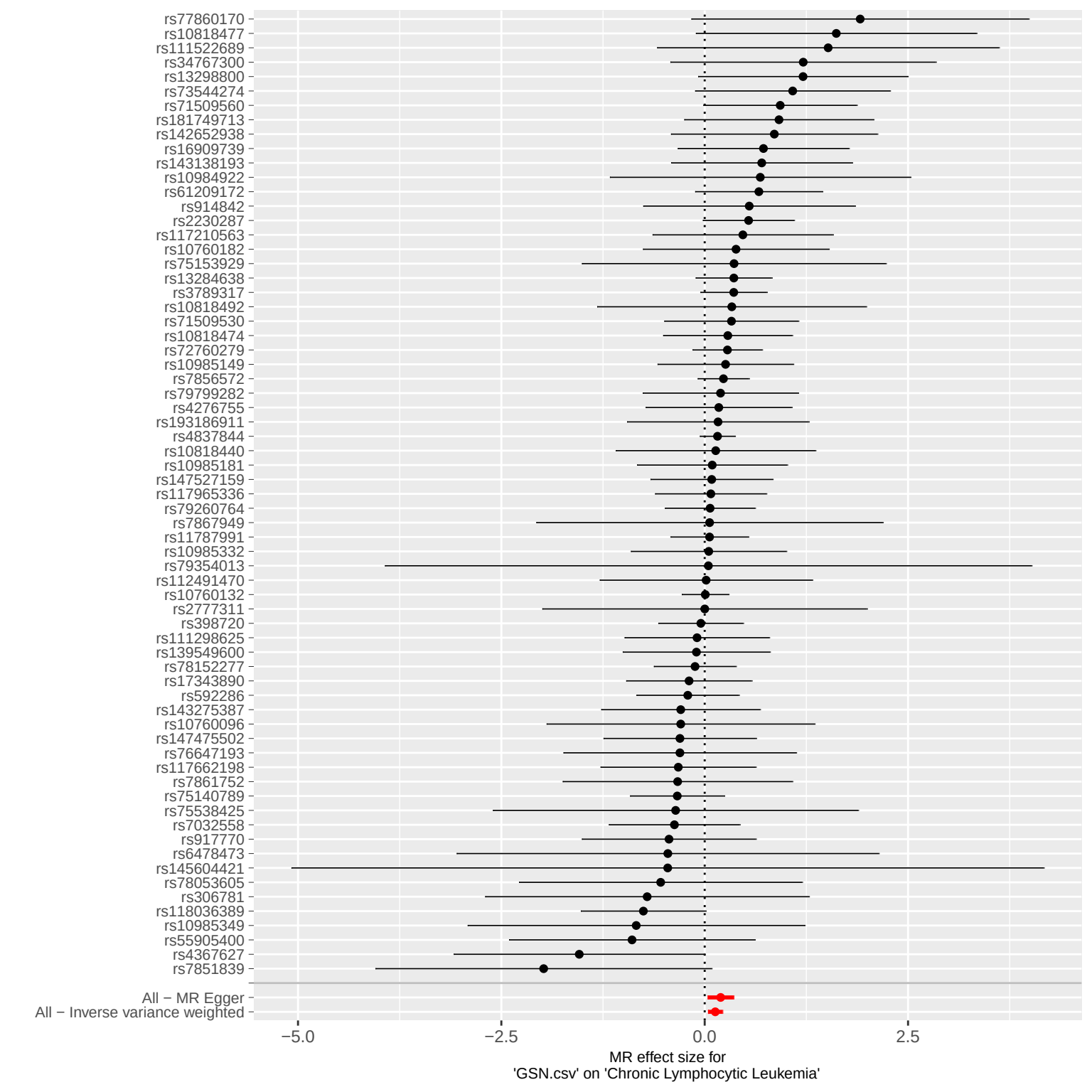
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'GSKIP.csv' on 'Chronic Lymphocytic Leukemia'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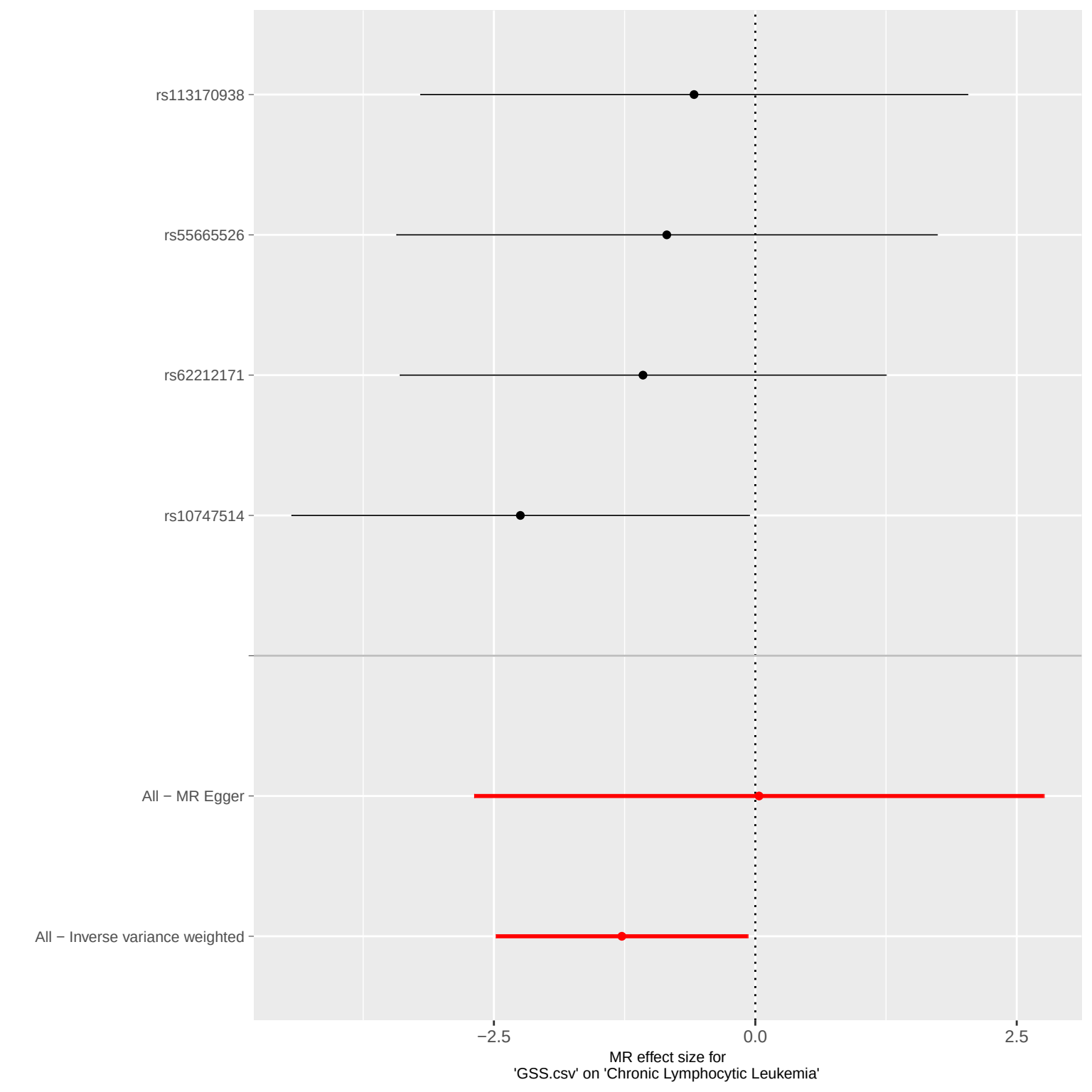
rs6478473
rs145604421
rs78053605
rs306781
rs118036389
rs10985349
rs55905400
rs4367627
rs7851839
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'GSN.csv' on 'Chronic Lymphocytic Leukemia'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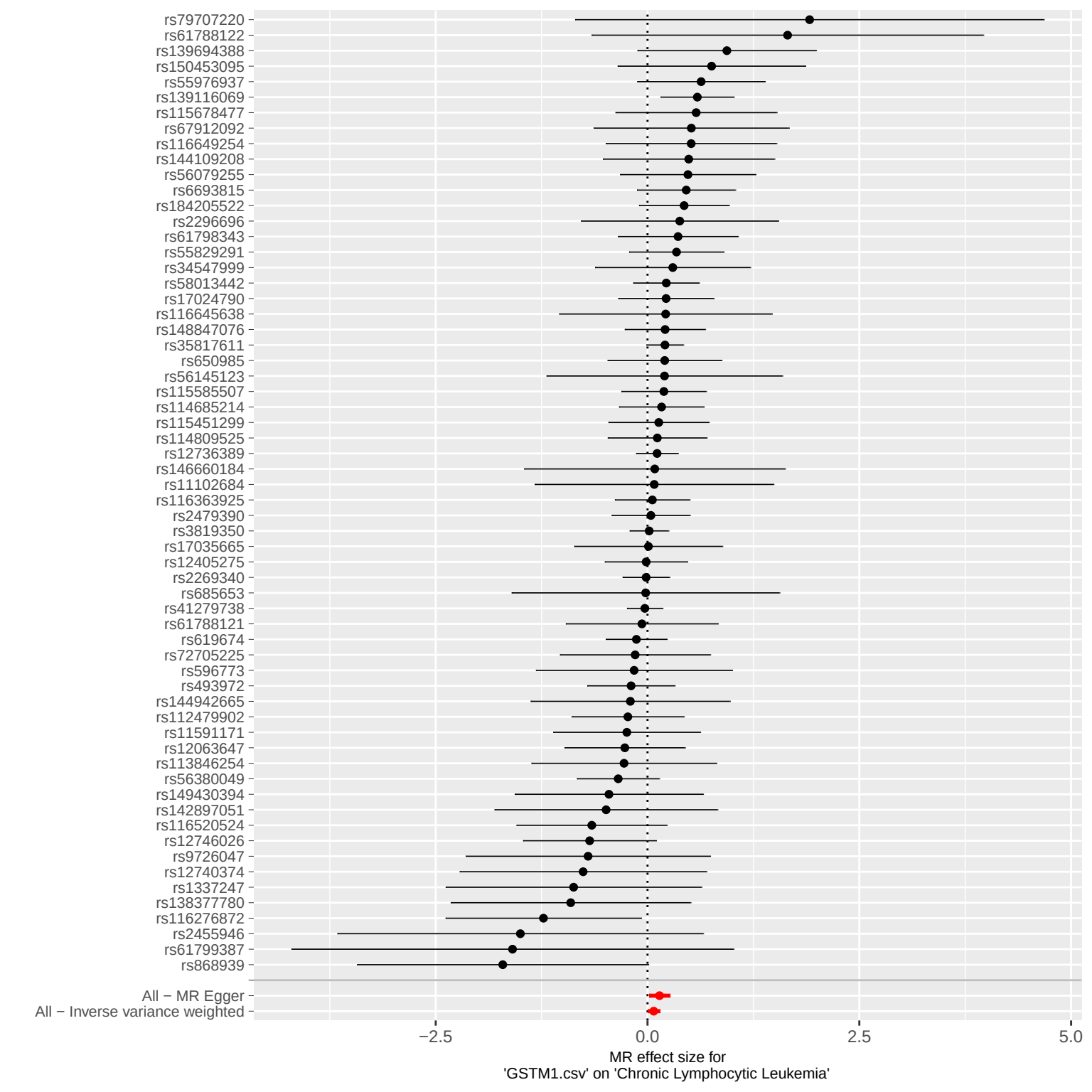
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'GSS.csv' on 'Chronic Lymphocytic Leukemia'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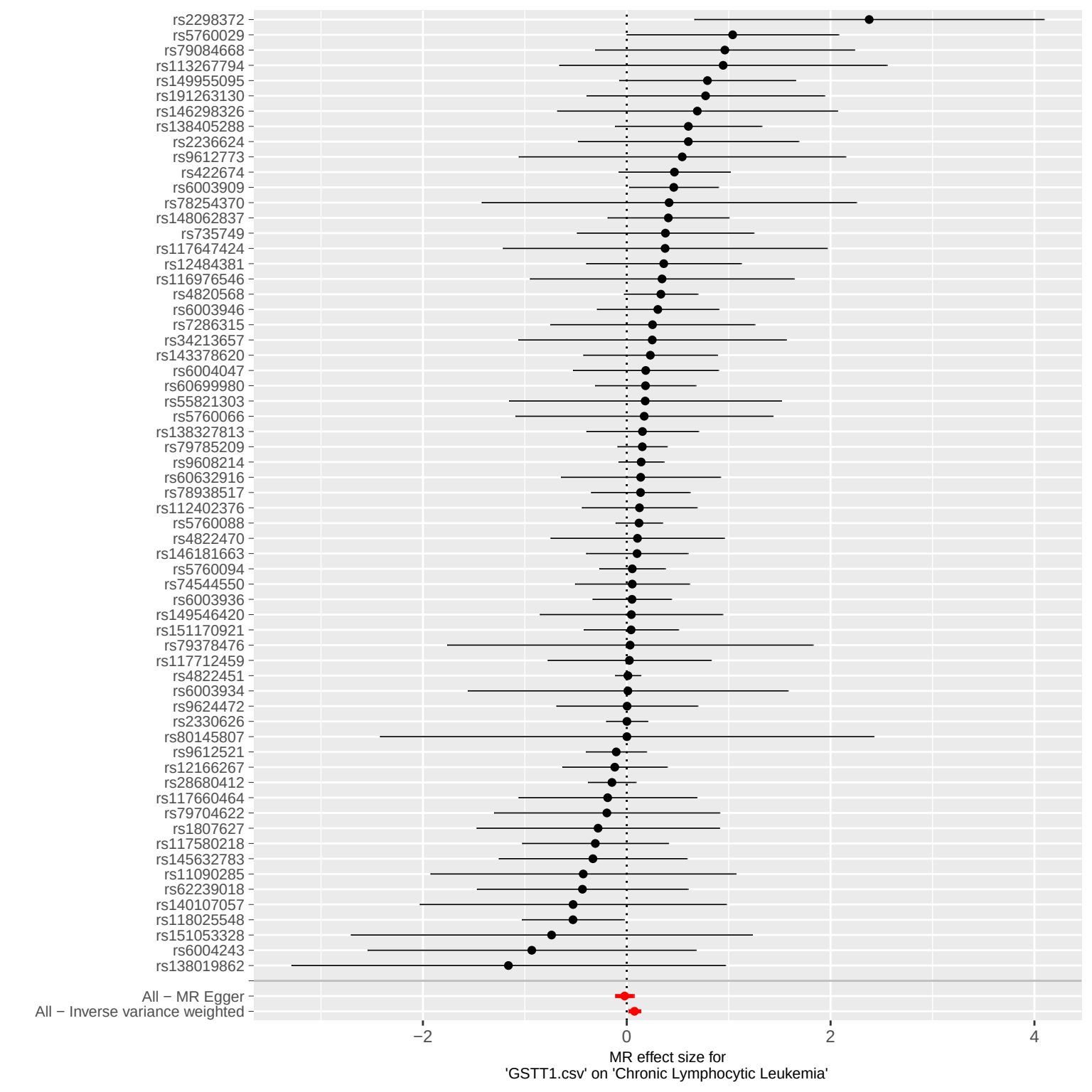
rs2455946
rs61799387
rs868939
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'GSTM1.csv' on 'Chronic Lymphocytic Leukemia'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rs62239018
rs140107057
rs118025548
rs151053328
rs6004243
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All − MR Egger
All − Inverse variance weighted
−2
0
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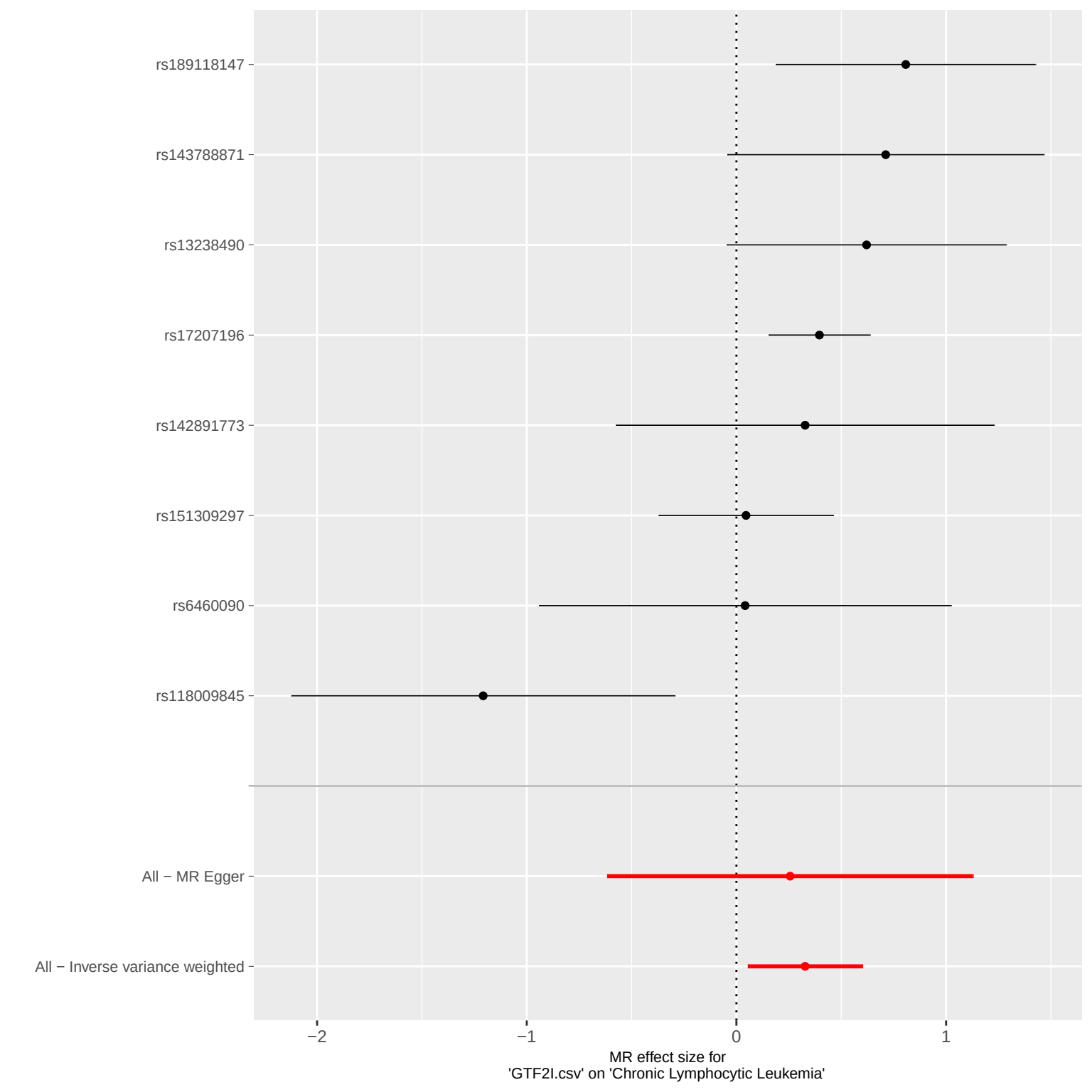
4
MR effect size for
'GSTT1.csv' on 'Chronic Lymphocytic Leukemia'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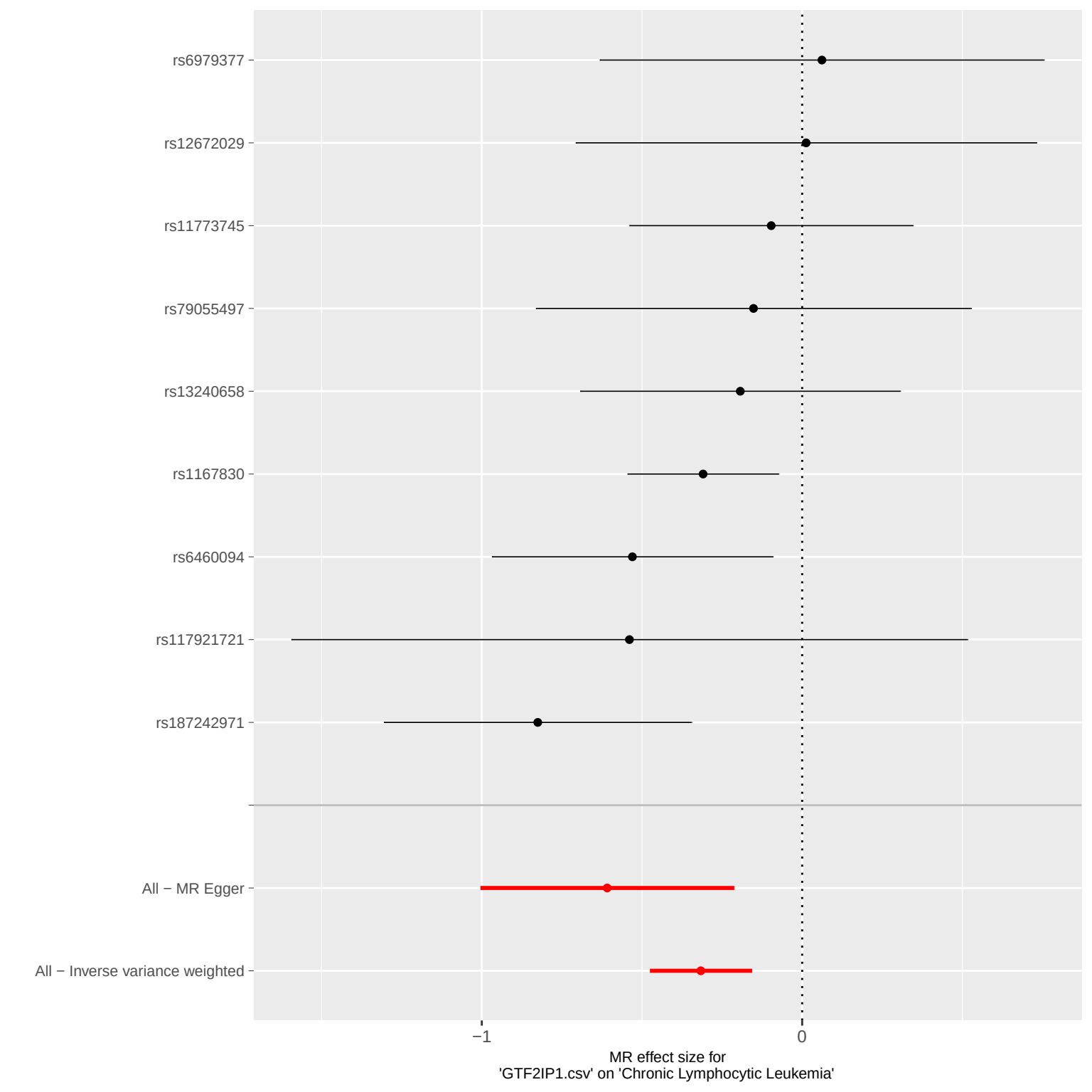
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'GTF2I.csv' on 'Chronic Lymphocytic Leukemia'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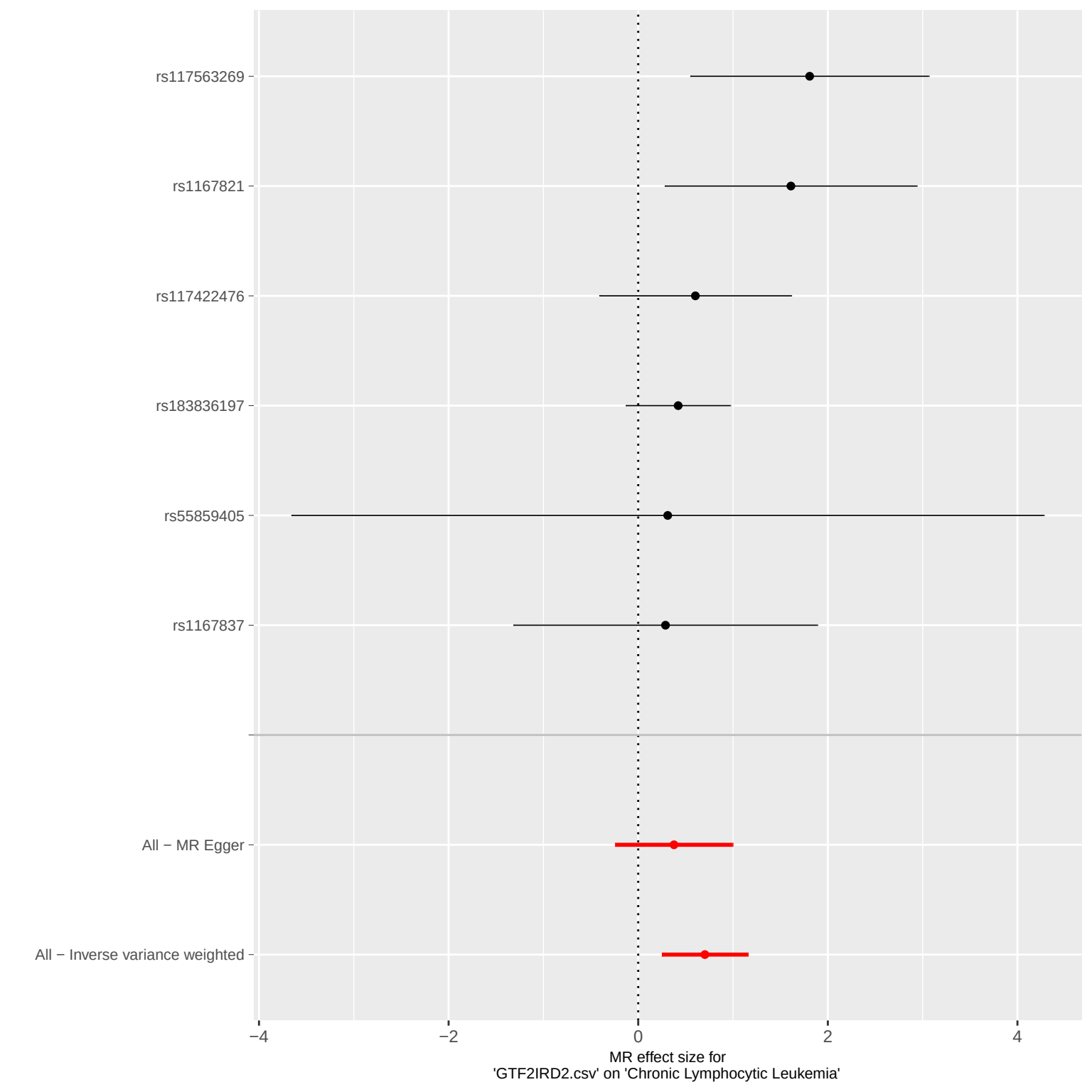
All − MR Egger
All − Inverse variance weighted
−1
0
MR effect size for
'GTF2IP1.csv' on 'Chronic Lymphocytic Leukemia'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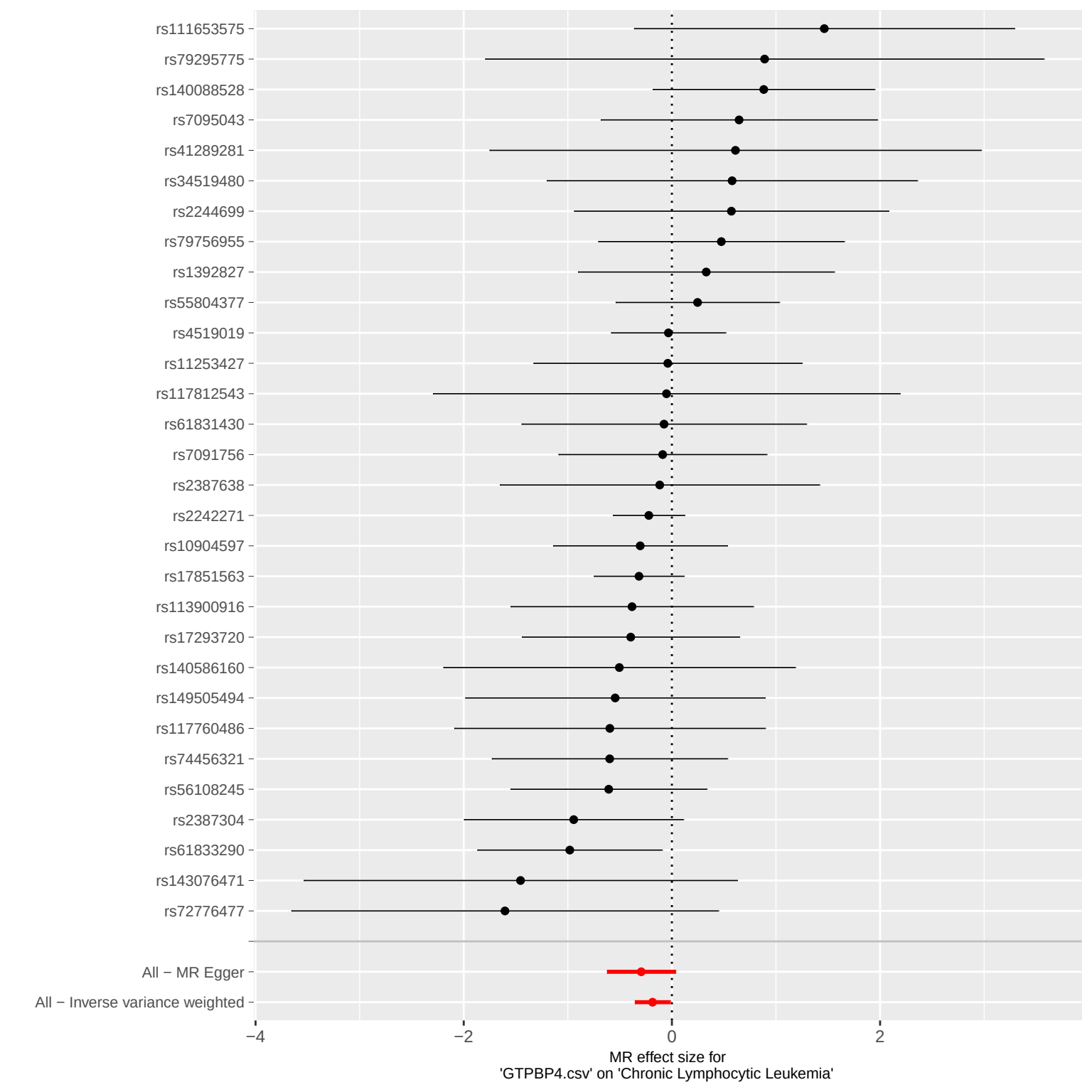
rs1167837
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'GTF2IRD2.csv' on 'Chronic Lymphocytic Leukemia'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rs11253427
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rs61831430
rs7091756
rs2387638
rs2242271
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rs17851563
rs113900916
rs17293720
rs140586160
rs149505494
rs117760486
rs74456321
rs56108245
rs2387304
rs61833290
rs143076471
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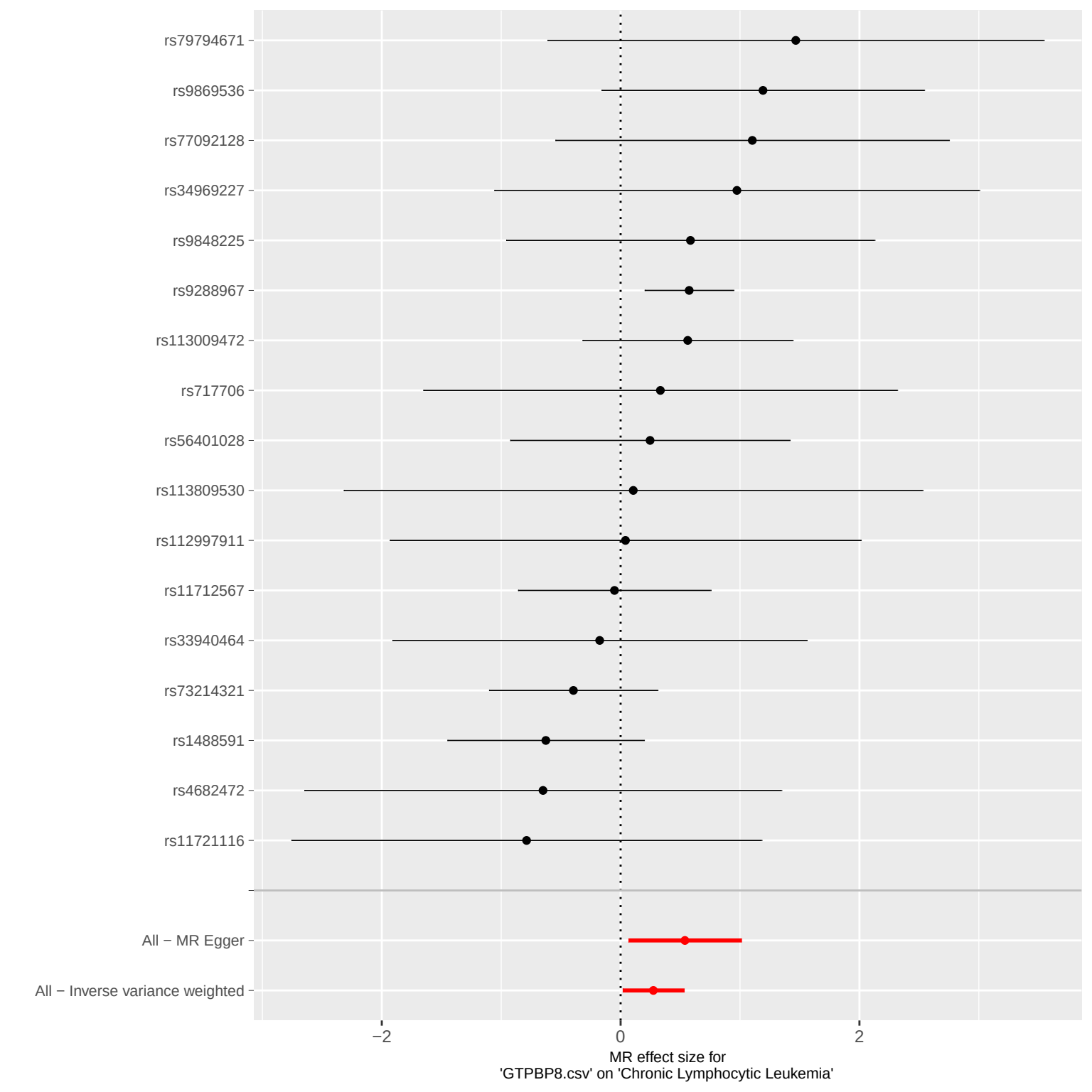
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GTPBP4.csv' on 'Chronic Lymphocytic Leukemia'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rs11712567
rs33940464
rs73214321
rs1488591
rs4682472
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All − MR Egger
All − Inverse variance weighted
−2
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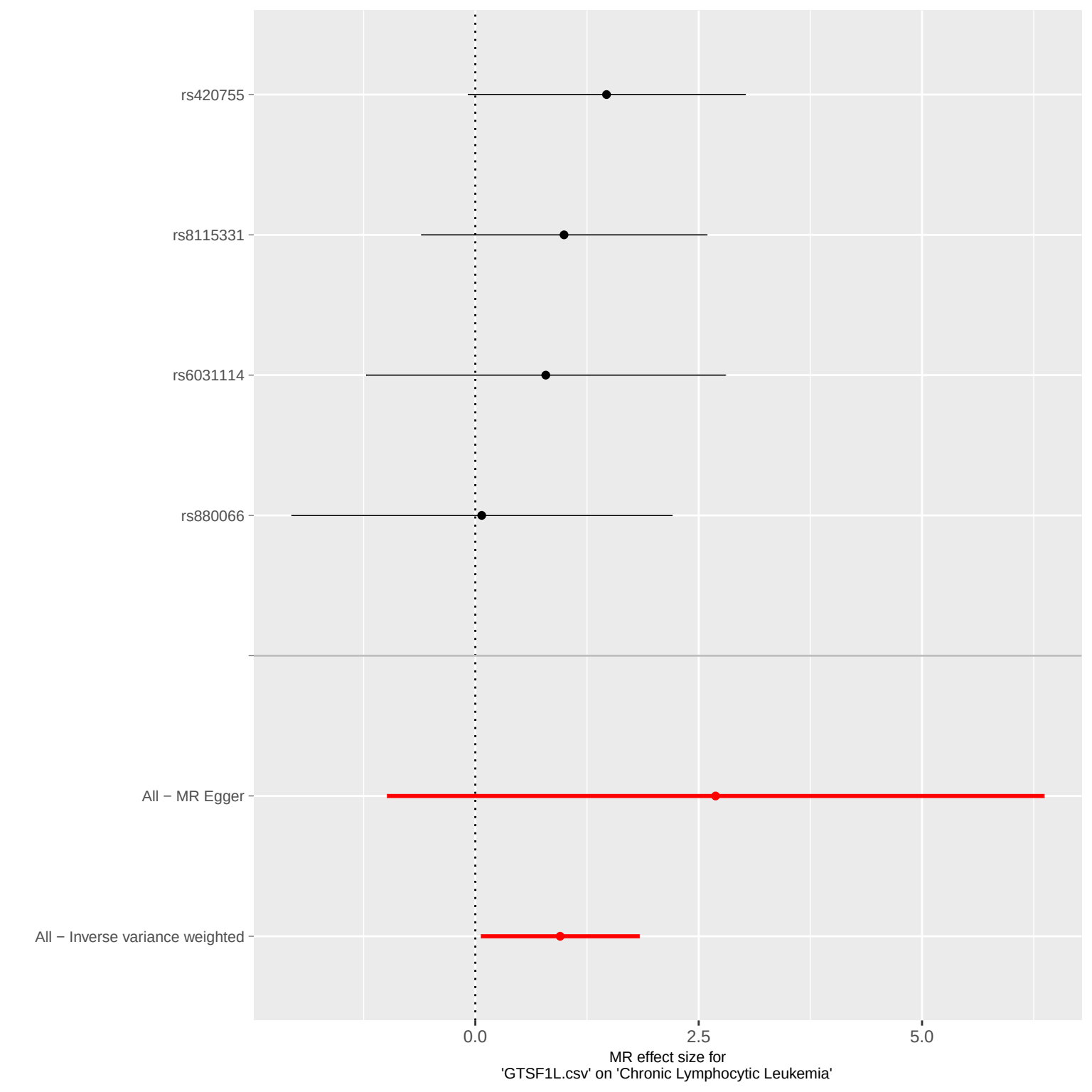
2
MR effect size for
'GTPBP8.csv' on 'Chronic Lymphocytic Leukemia'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rs8115331
rs6031114
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All − Inverse variance weighted
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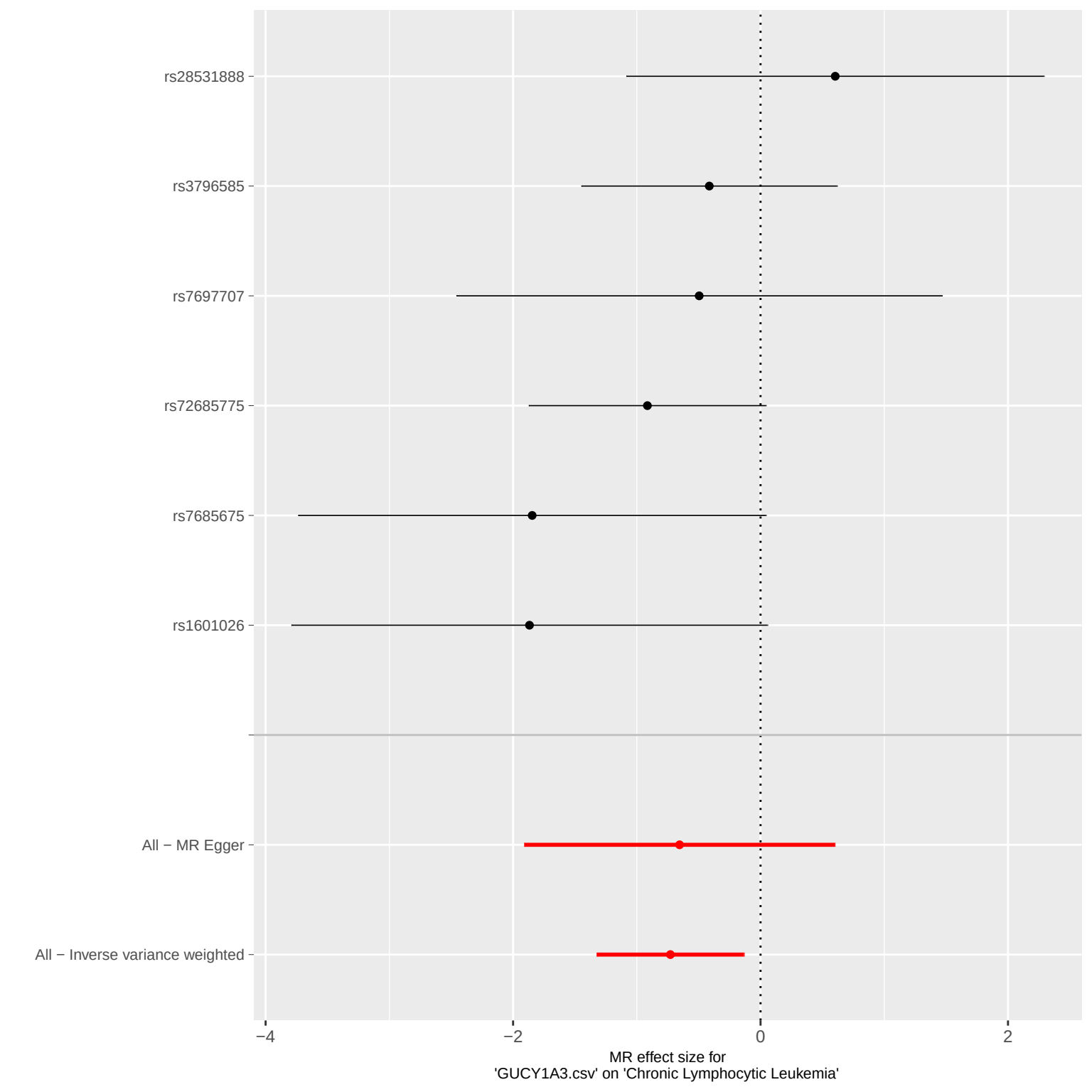
2.5
5.0
MR effect size for
'GTSF1L.csv' on 'Chronic Lymphocytic Leukemia'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rs3796585
rs7697707
rs72685775
rs7685675
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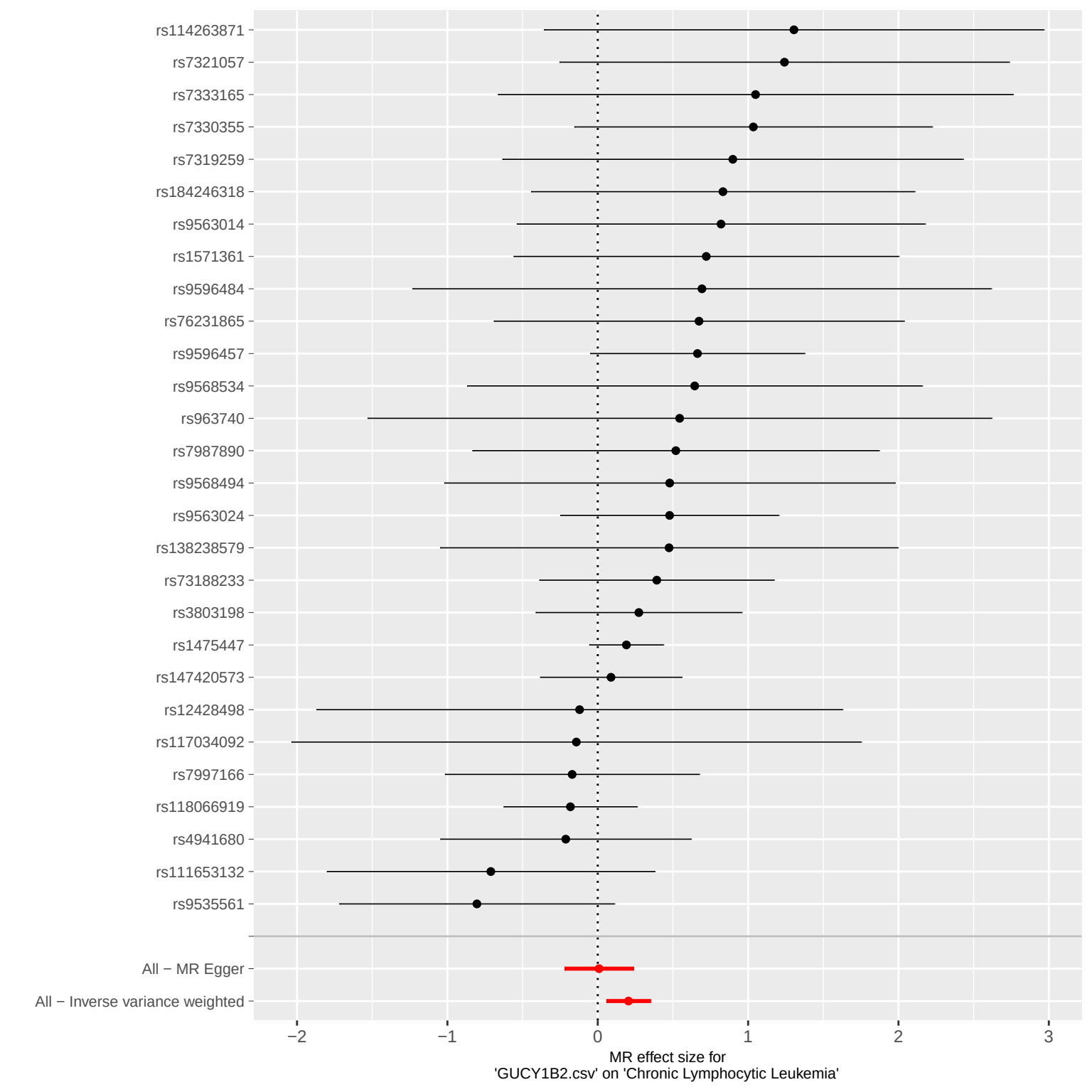
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'GUCY1A3.csv' on 'Chronic Lymphocytic Leukemia'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rs147420573
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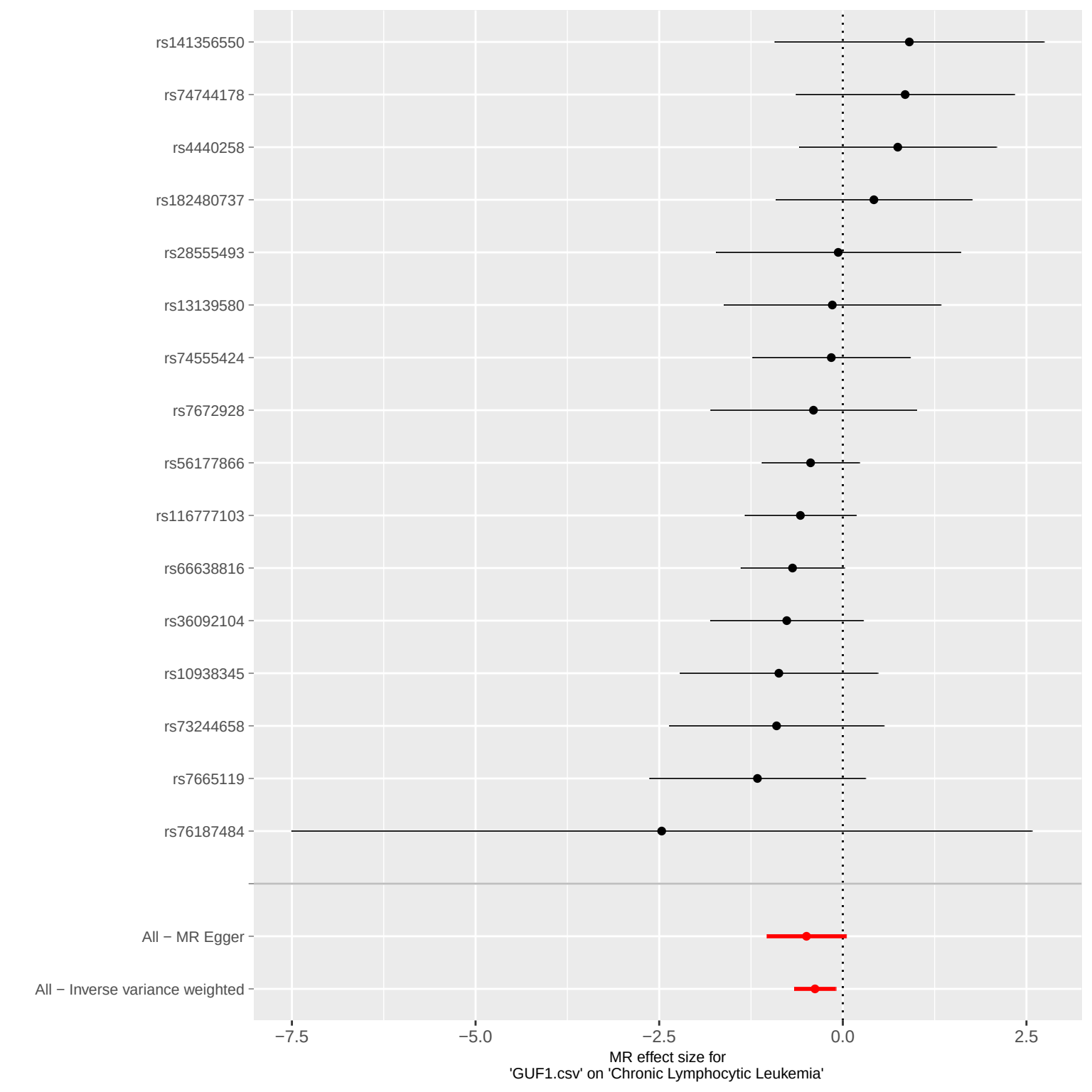
rs117034092
rs7997166
rs118066919
rs4941680
rs111653132
rs9535561
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'GUCY1B2.csv' on 'Chronic Lymphocytic Leukemia'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rs66638816
rs36092104
rs10938345
rs73244658
rs7665119
rs76187484
All − MR Egger
All − Inverse variance weighted
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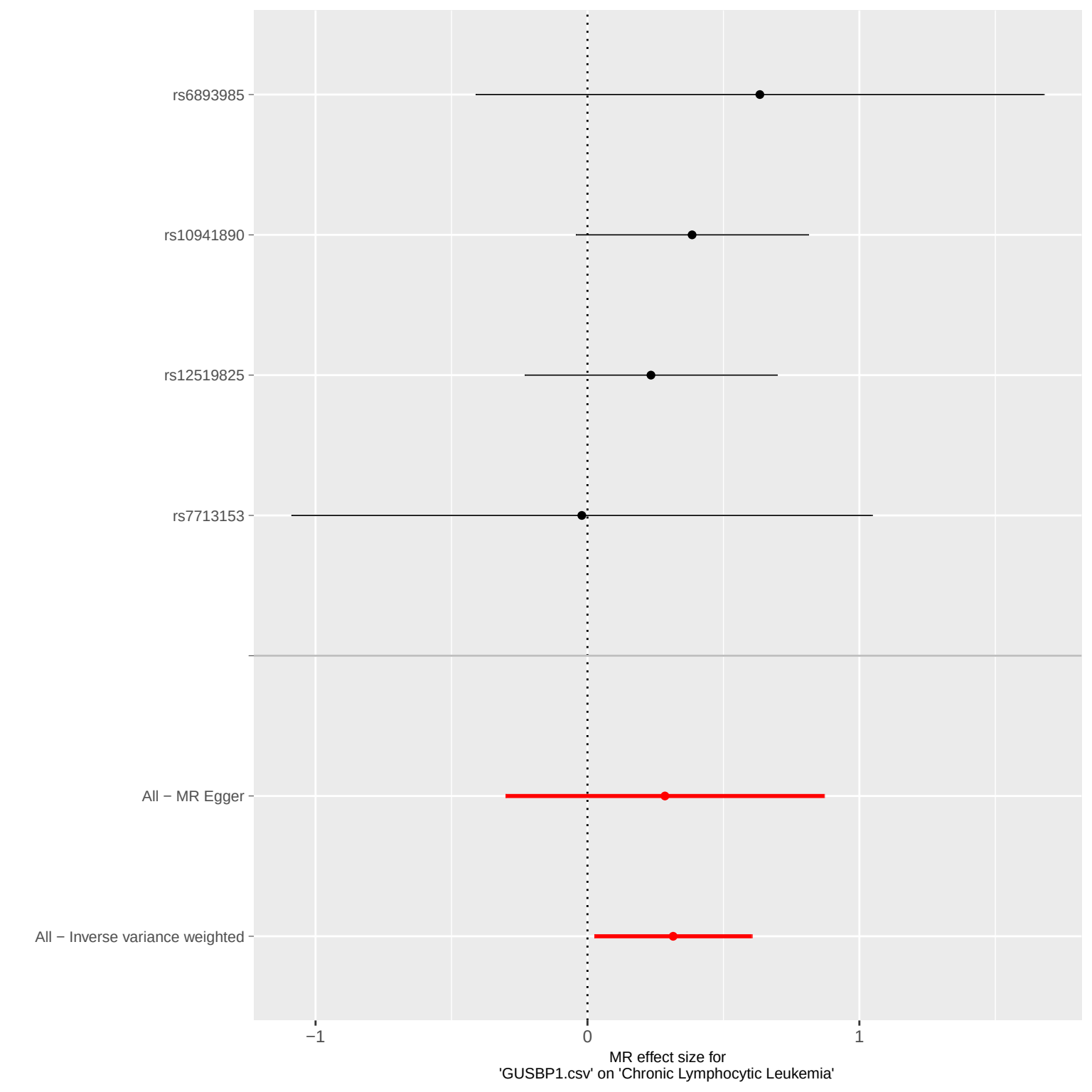
−5.0
−2.5
0.0
2.5
MR effect size for
'GUF1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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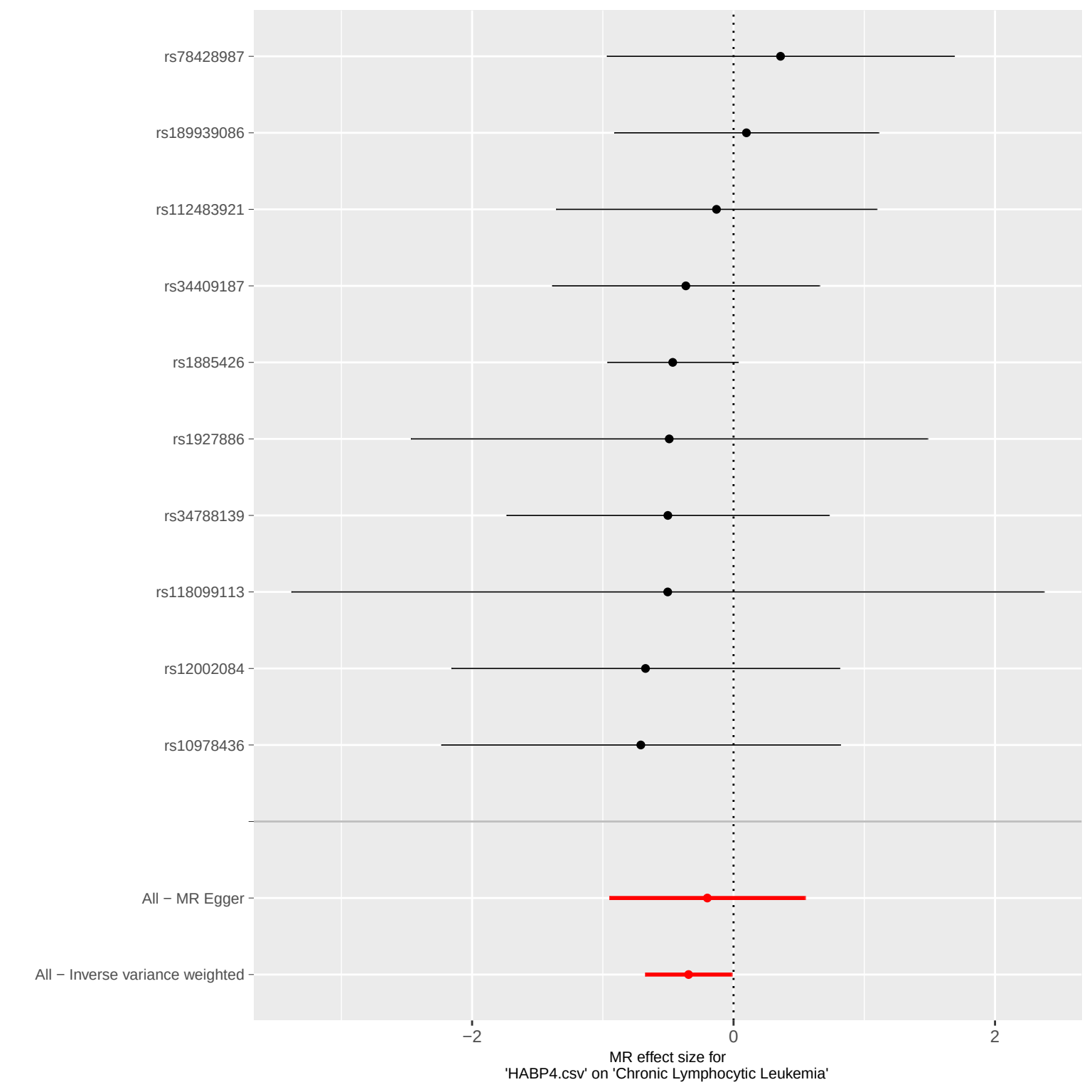
MR effect size for
'GUSBP1.csv' on 'Chronic Lymphocytic Leukemia'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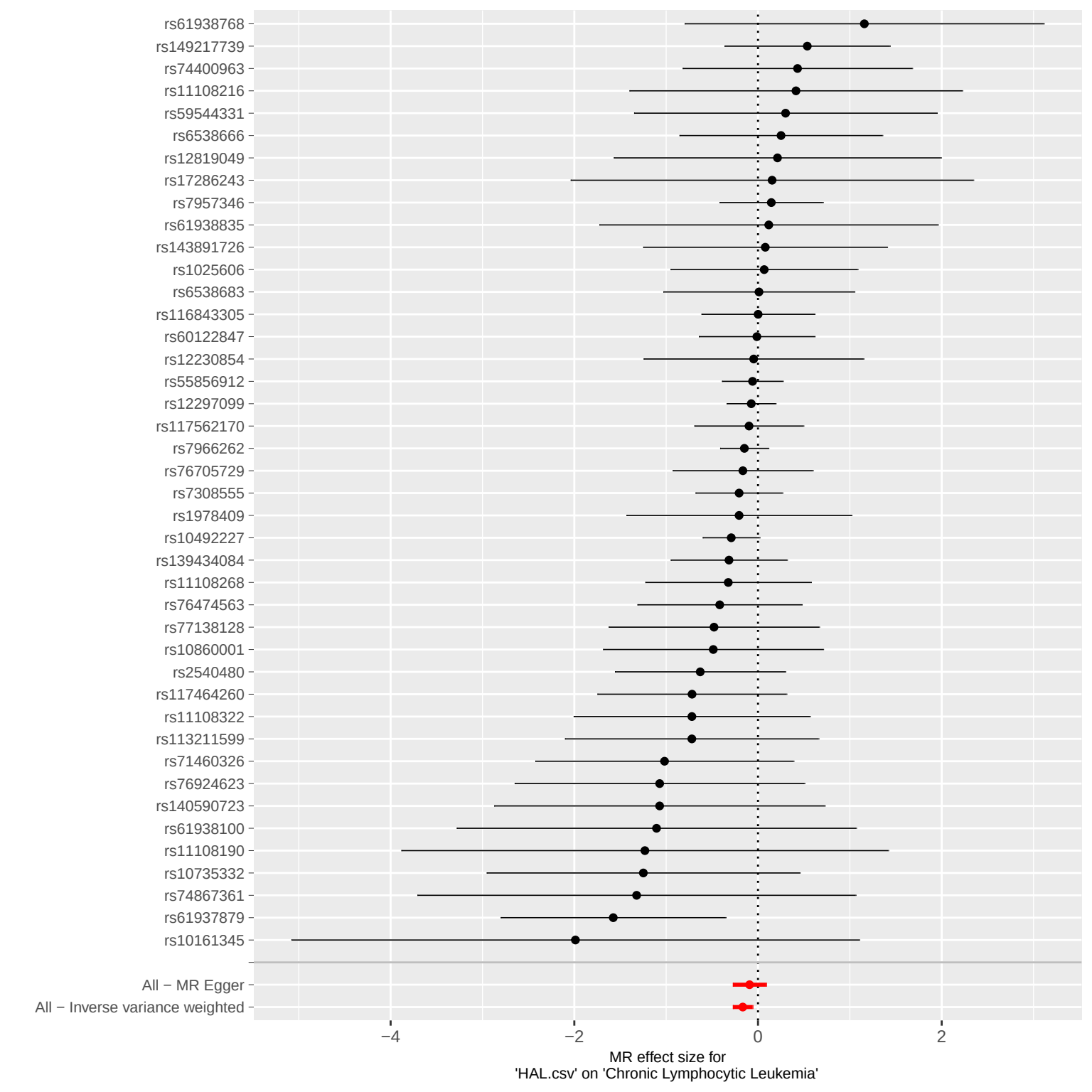
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'HABP4.csv' on 'Chronic Lymphocytic Leukemia'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rs113211599
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rs74867361
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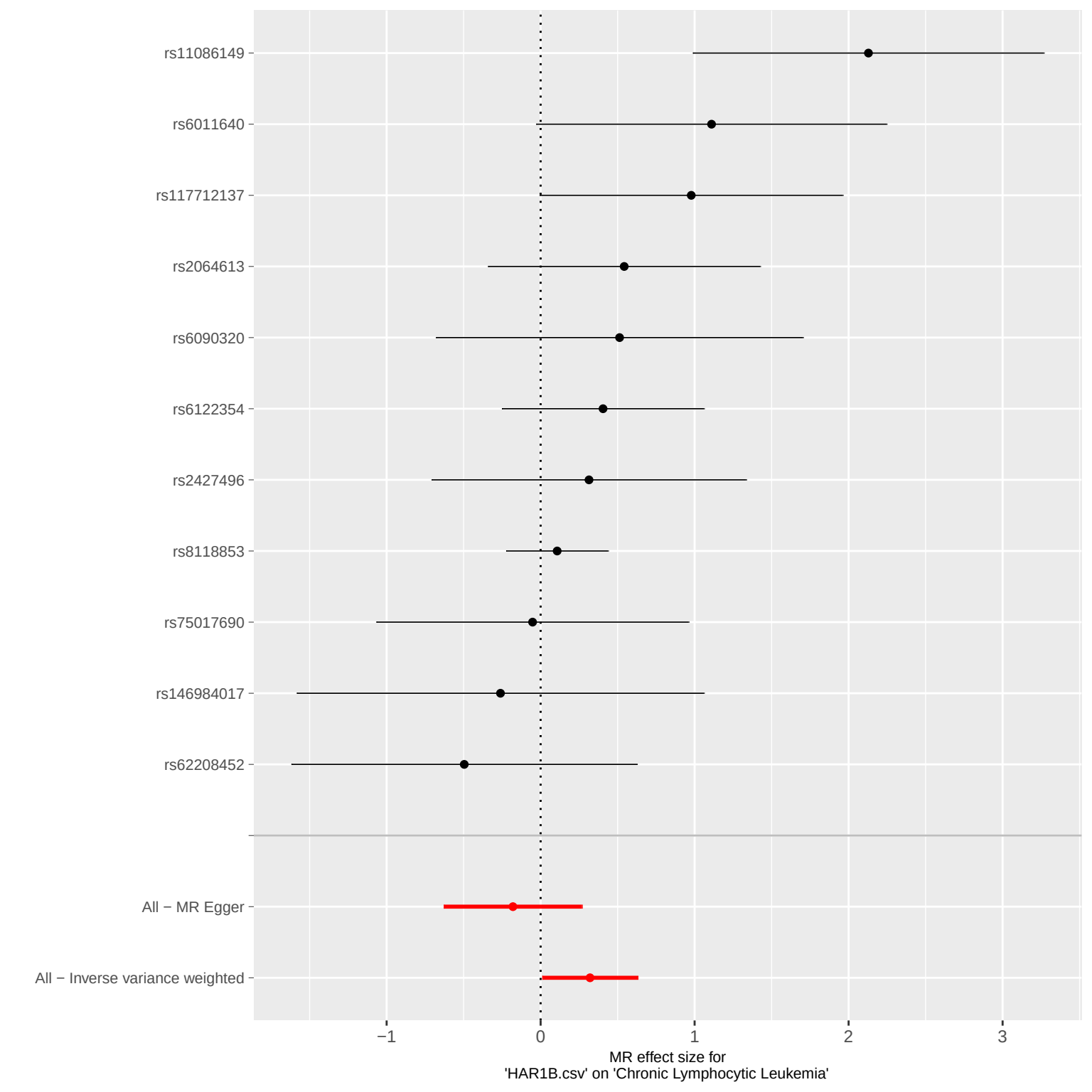
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'HAL.csv' on 'Chronic Lymphocytic Leukemia'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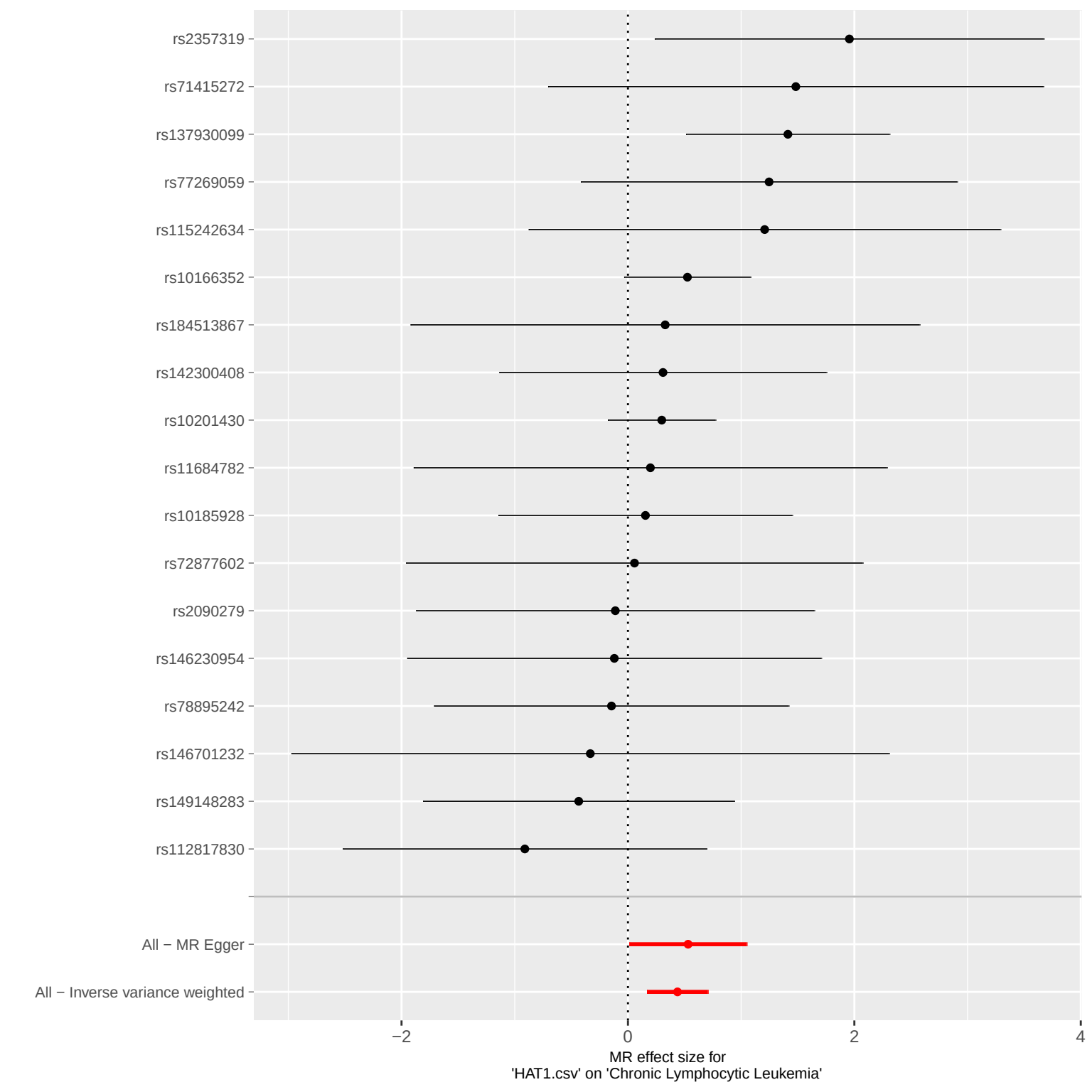
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'HAR1B.csv' on 'Chronic Lymphocytic Leukemia'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rs10201430
rs11684782
rs10185928
rs72877602
rs2090279
rs146230954
rs78895242
rs146701232
rs149148283
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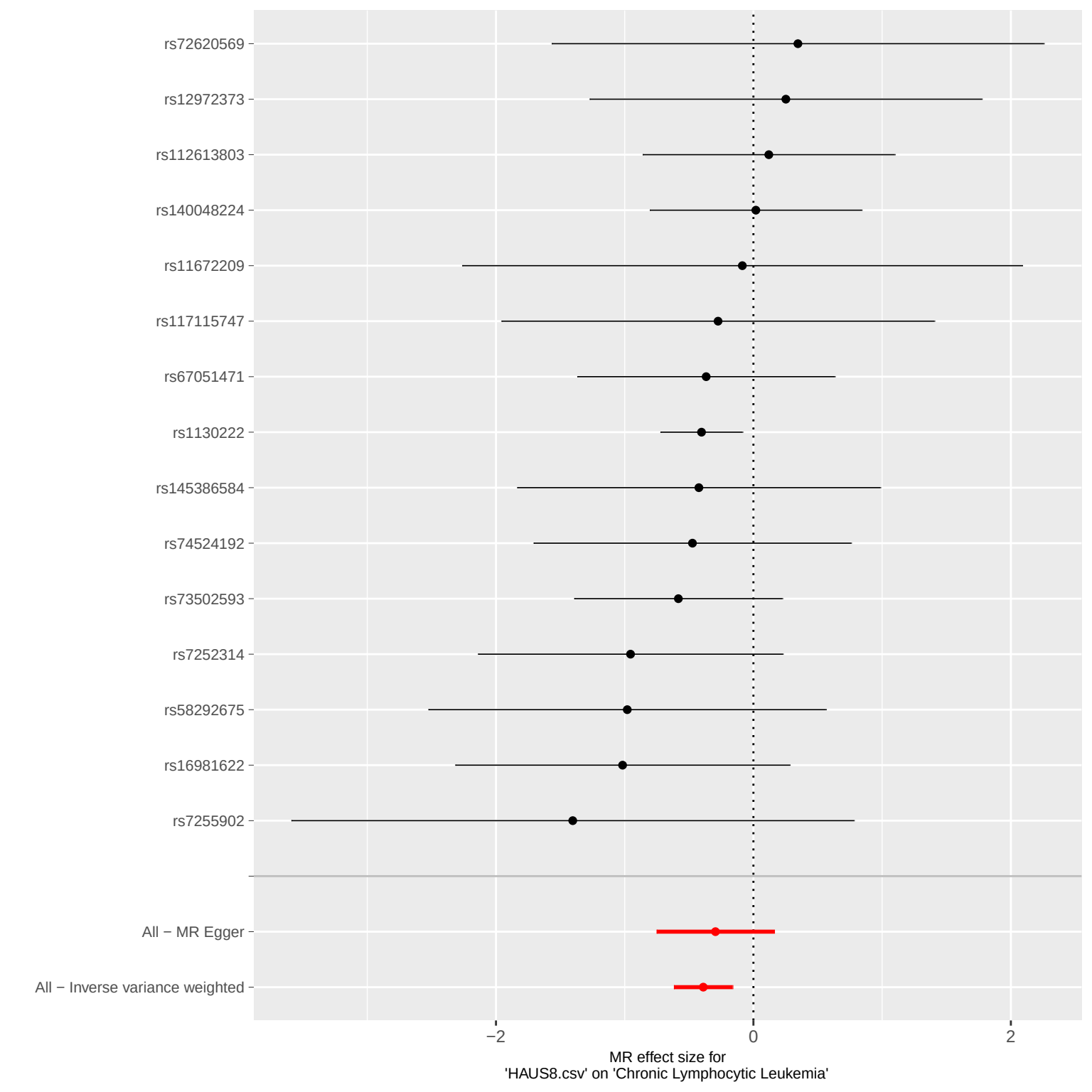
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'HAT1.csv' on 'Chronic Lymphocytic Leukemia'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rs7252314
rs58292675
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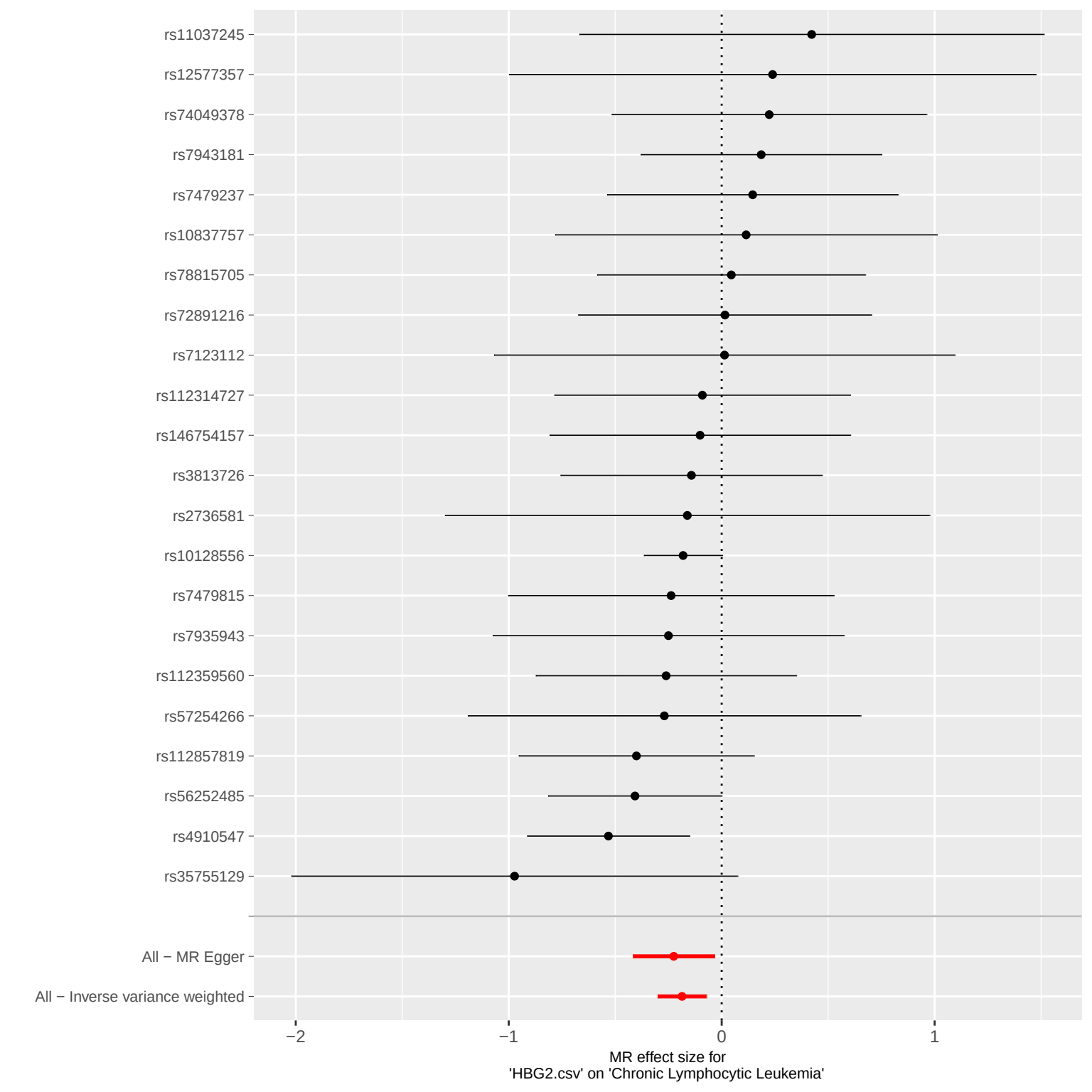
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'HAUS8.csv' on 'Chronic Lymphocytic Leukemia'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rs3813726
rs2736581
rs10128556
rs7479815
rs7935943
rs112359560
rs57254266
rs112857819
rs56252485
rs4910547
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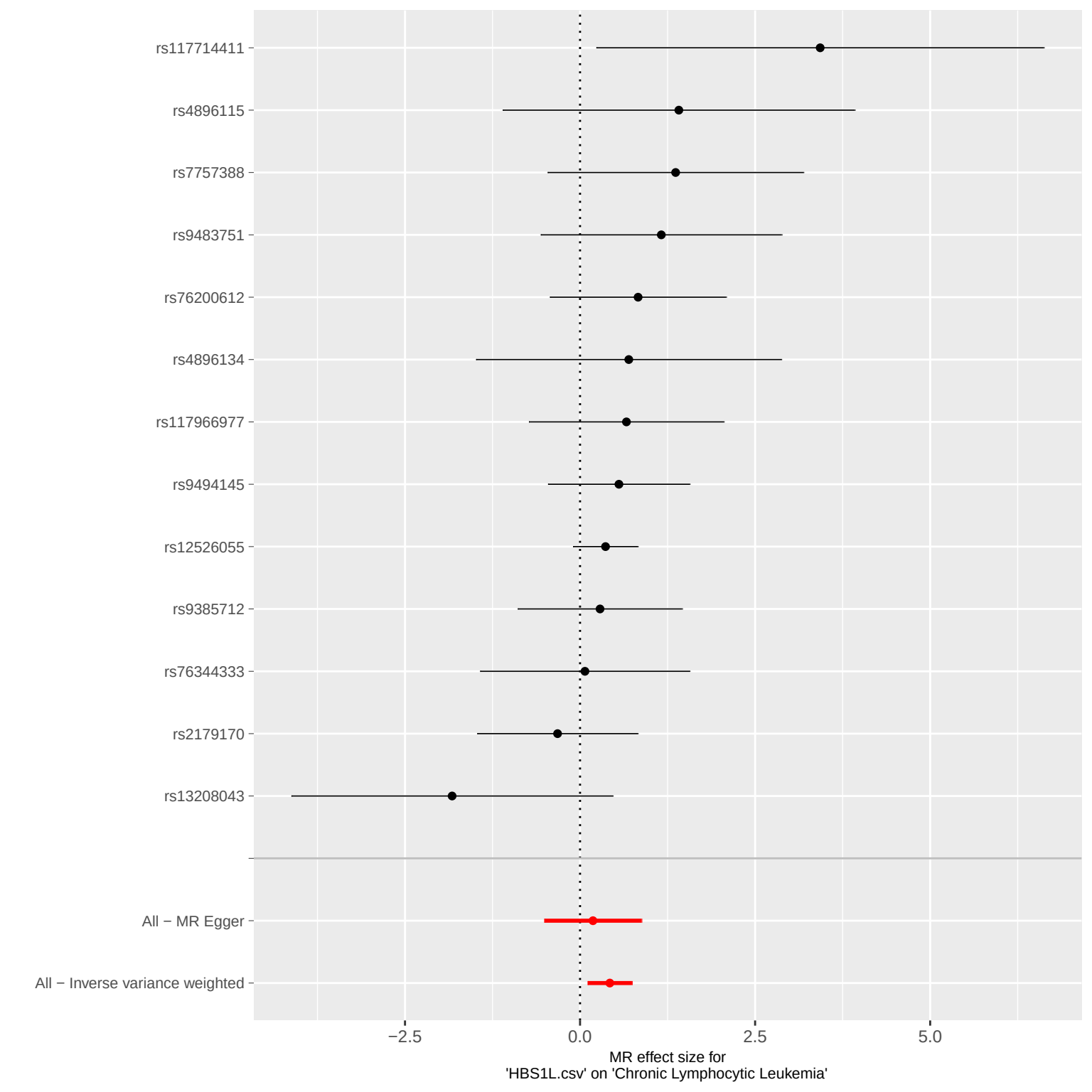
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'HBG2.csv' on 'Chronic Lymphocytic Leukemia'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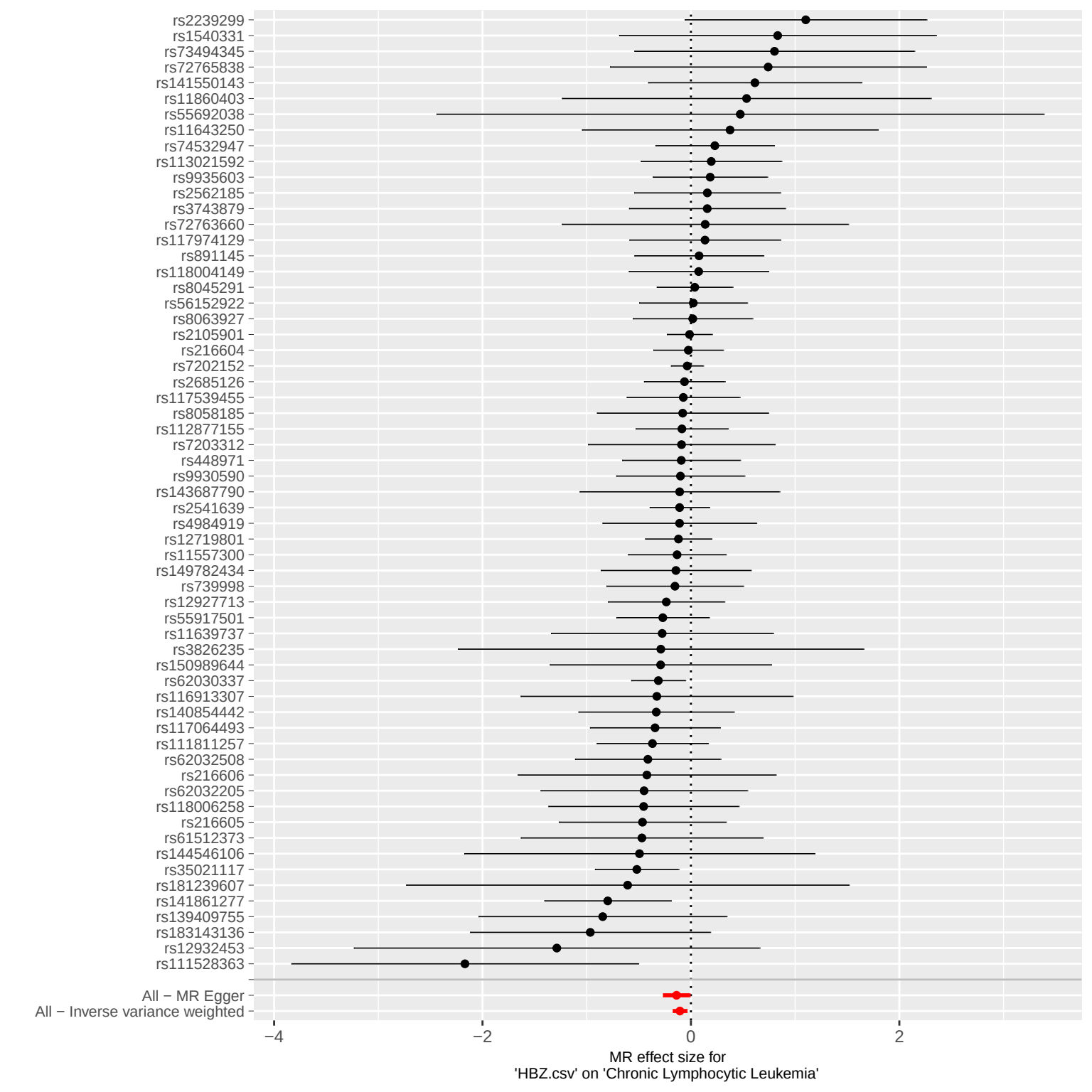
rs76344333
rs2179170
rs13208043
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'HBS1L.csv' on 'Chronic Lymphocytic Leukemia'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rs141861277
rs139409755
rs183143136
rs12932453
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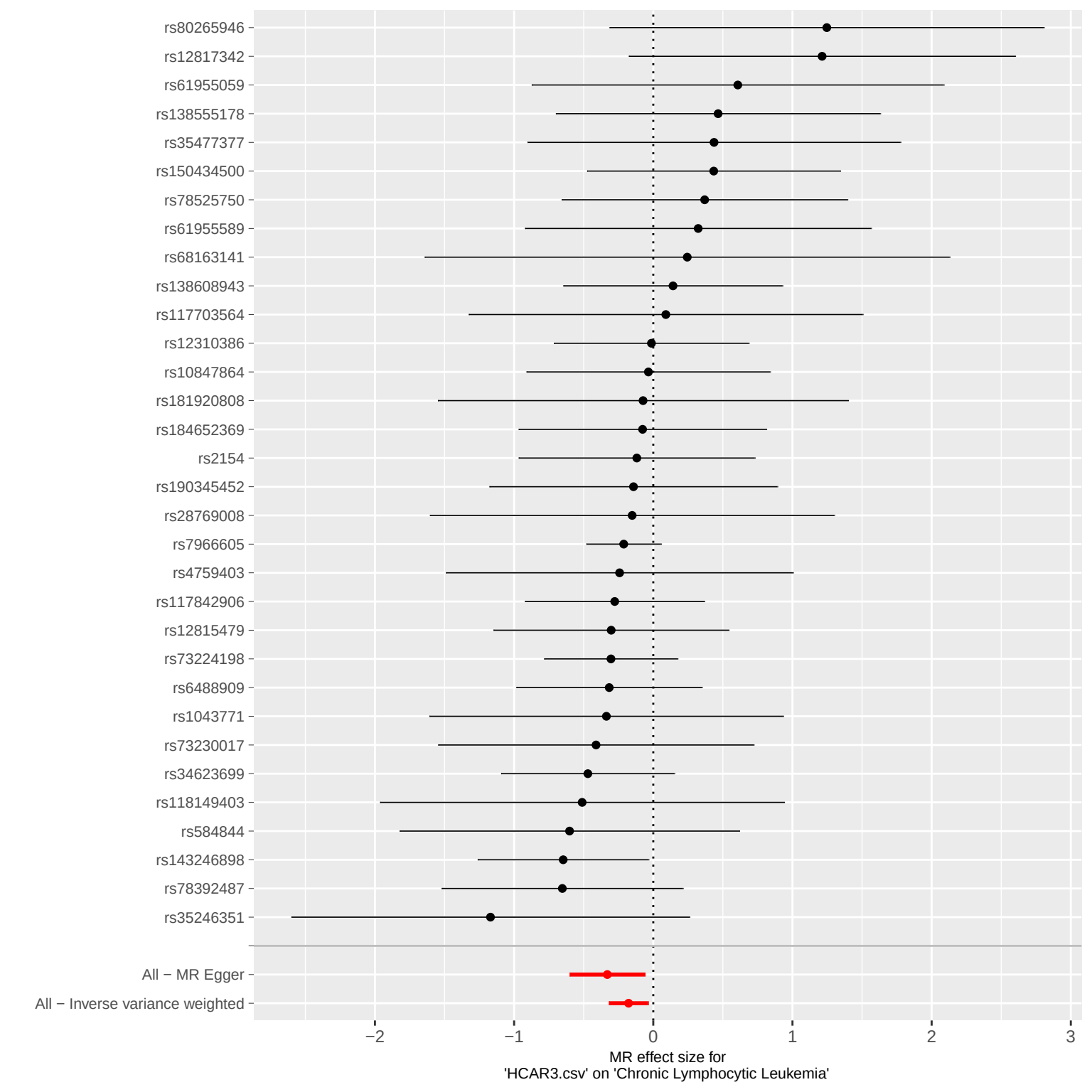
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'HBZ.csv' on 'Chronic Lymphocytic Leukemia'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rs584844
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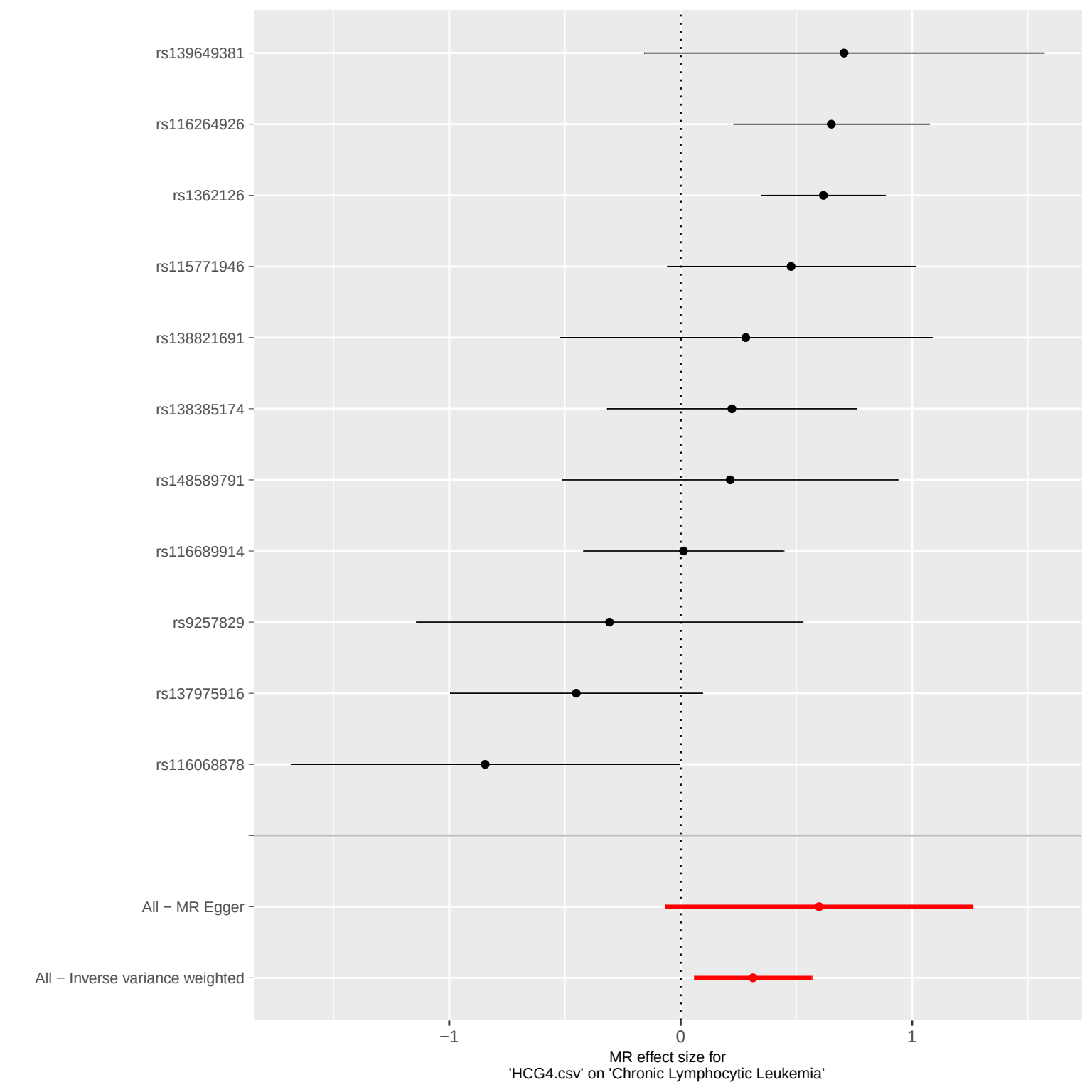
rs78392487
rs35246351
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'HCAR3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−1
0
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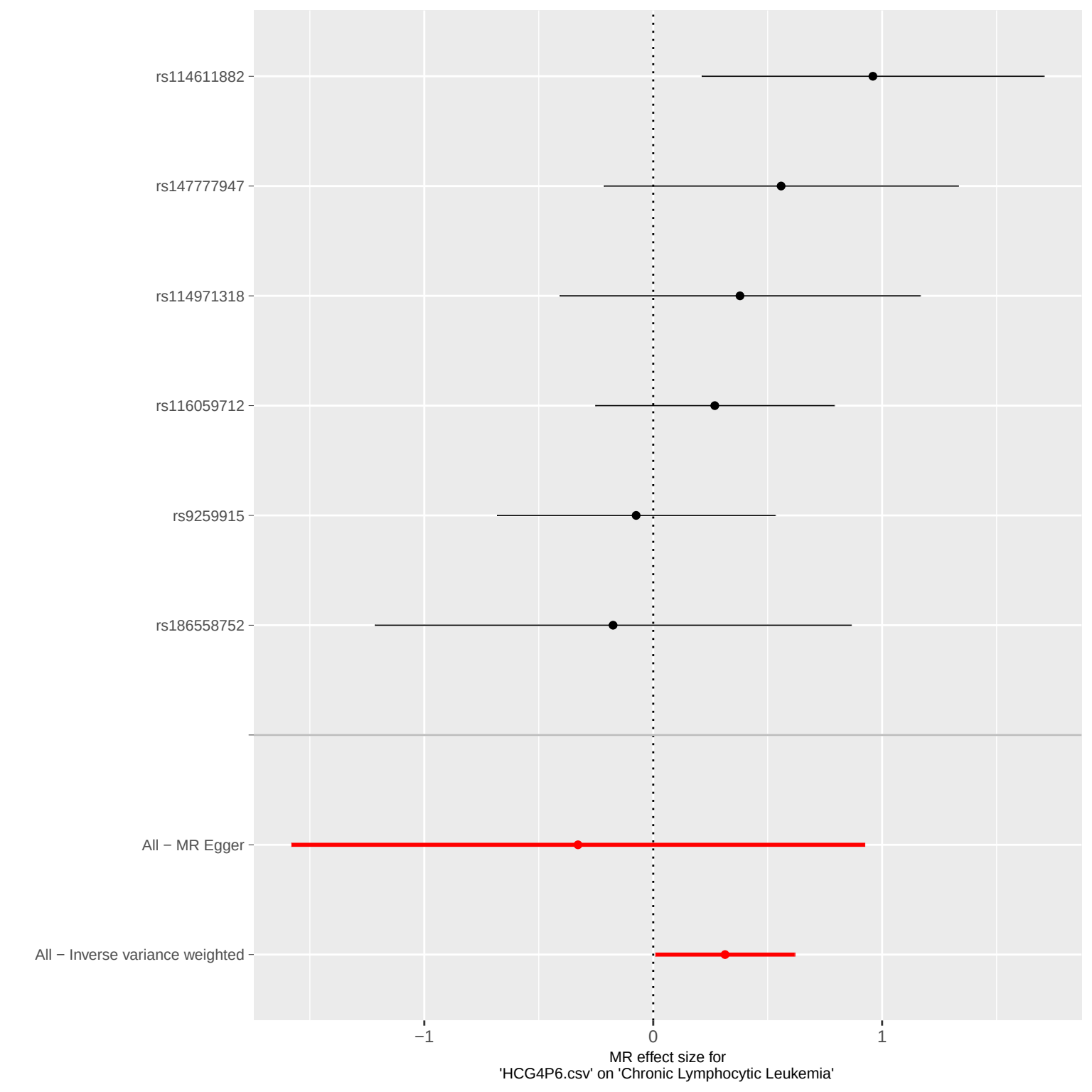
MR effect size for
'HCG4.csv' on 'Chronic Lymphocytic Leukemia'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rs9259915
rs186558752
All − MR Egger
All − Inverse variance weighted
−1
0
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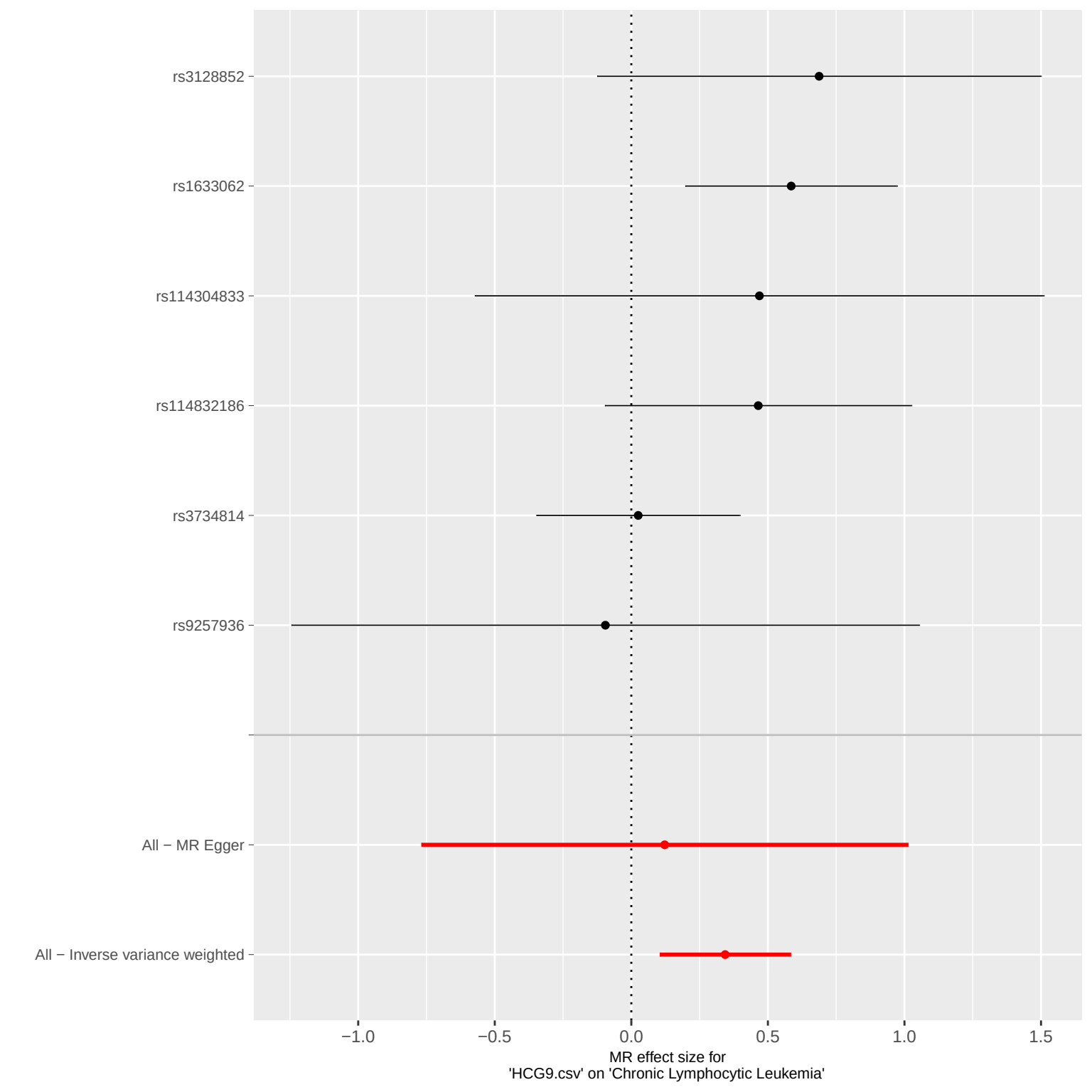
MR effect size for
'HCG4P6.csv' on 'Chronic Lymphocytic Leukemia'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rs114304833
rs114832186
rs3734814
rs9257936
All − MR Egger
All − Inverse variance weighted
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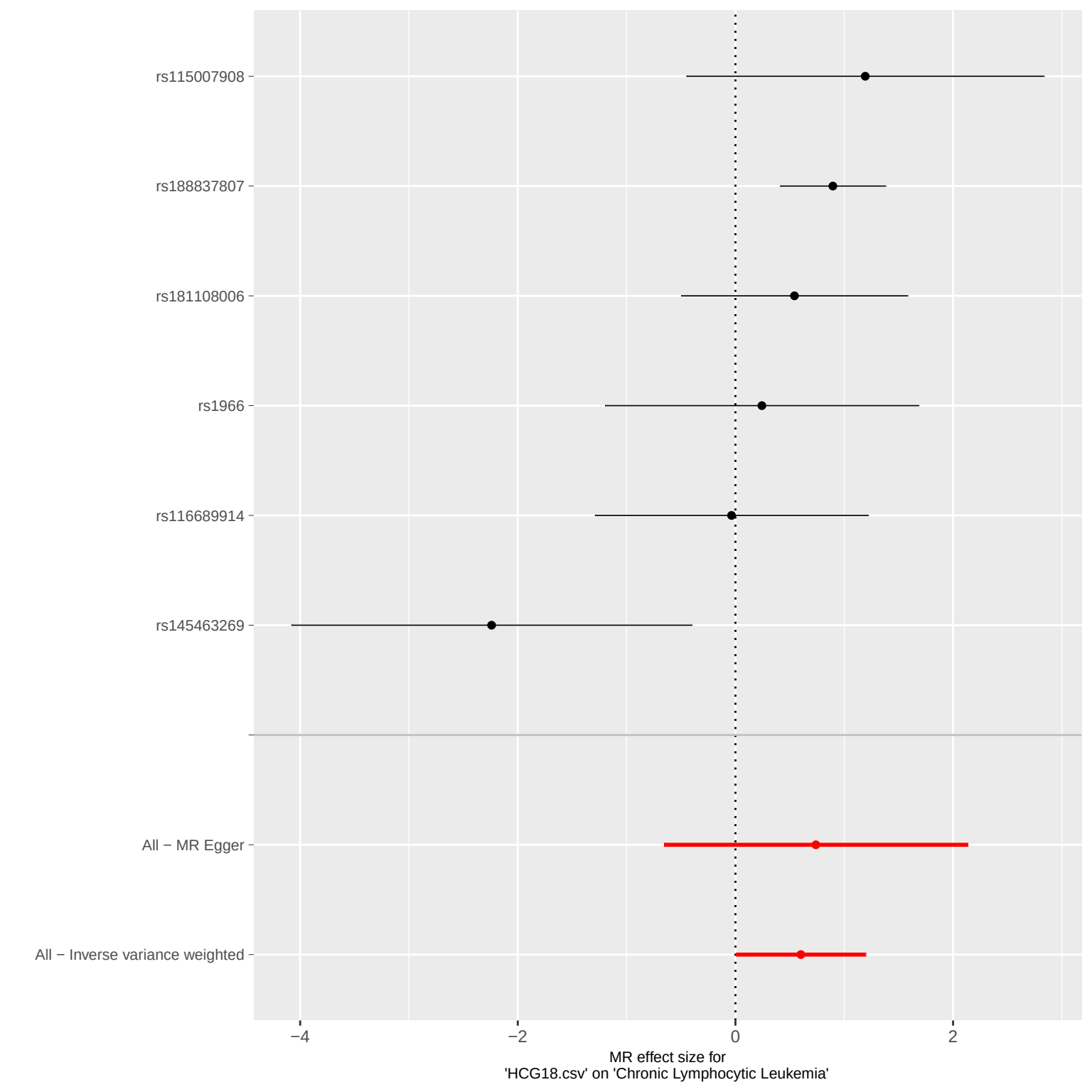
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'HCG9.csv' on 'Chronic Lymphocytic Leukemia'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rs1966
rs116689914
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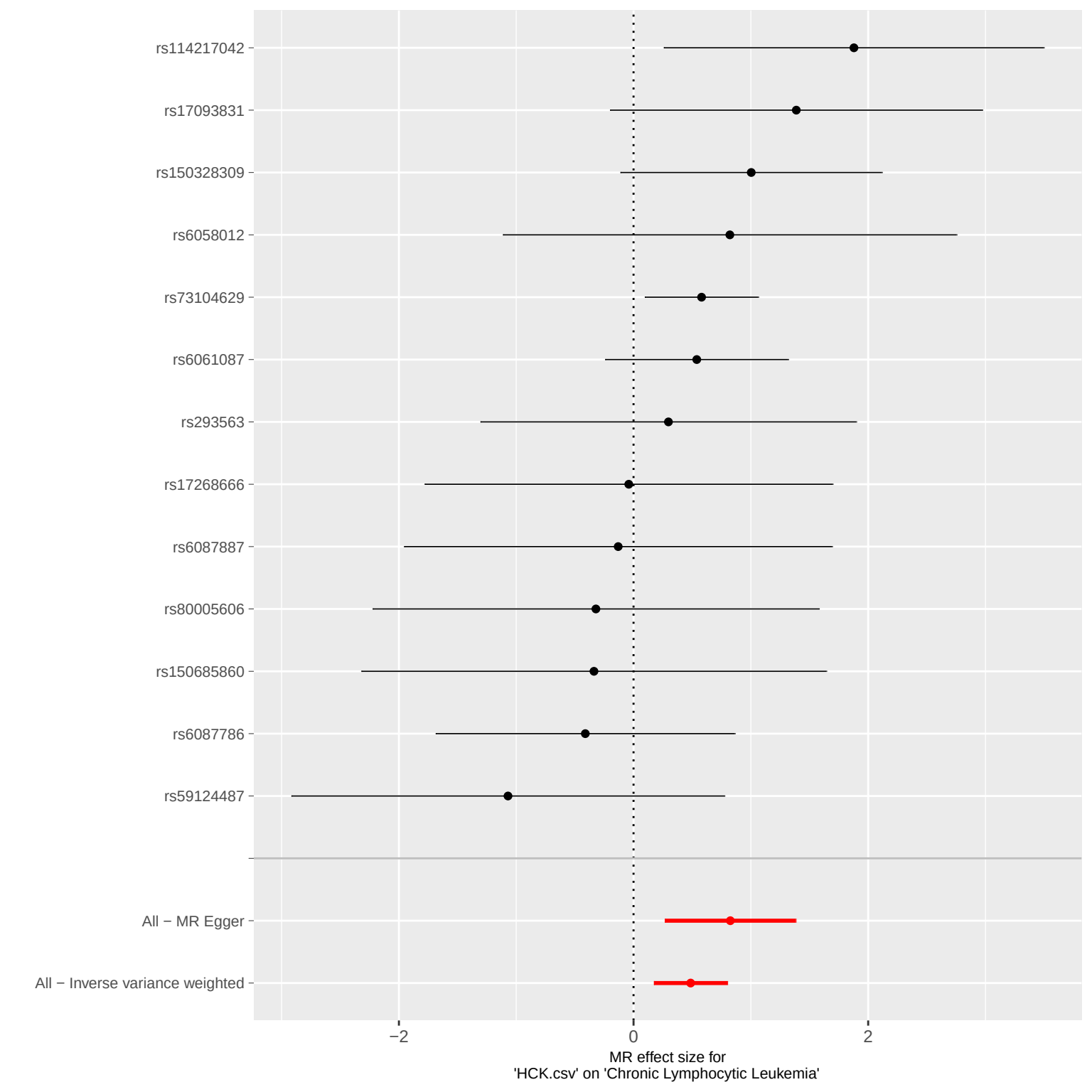
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'HCG18.csv' on 'Chronic Lymphocytic Leukemia'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rs293563
rs17268666
rs6087887
rs80005606
rs150685860
rs6087786
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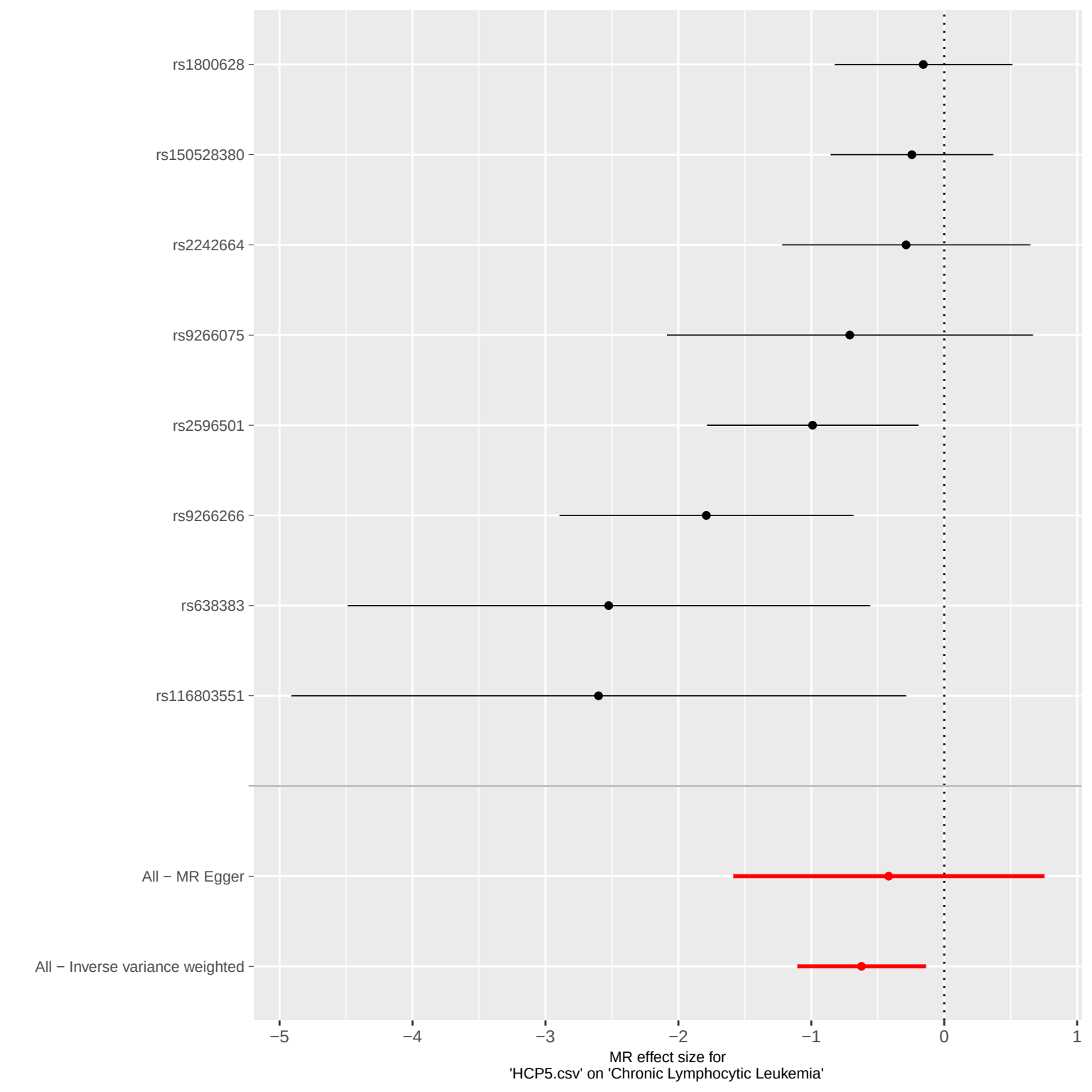
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'HCK.csv' on 'Chronic Lymphocytic Leukemia'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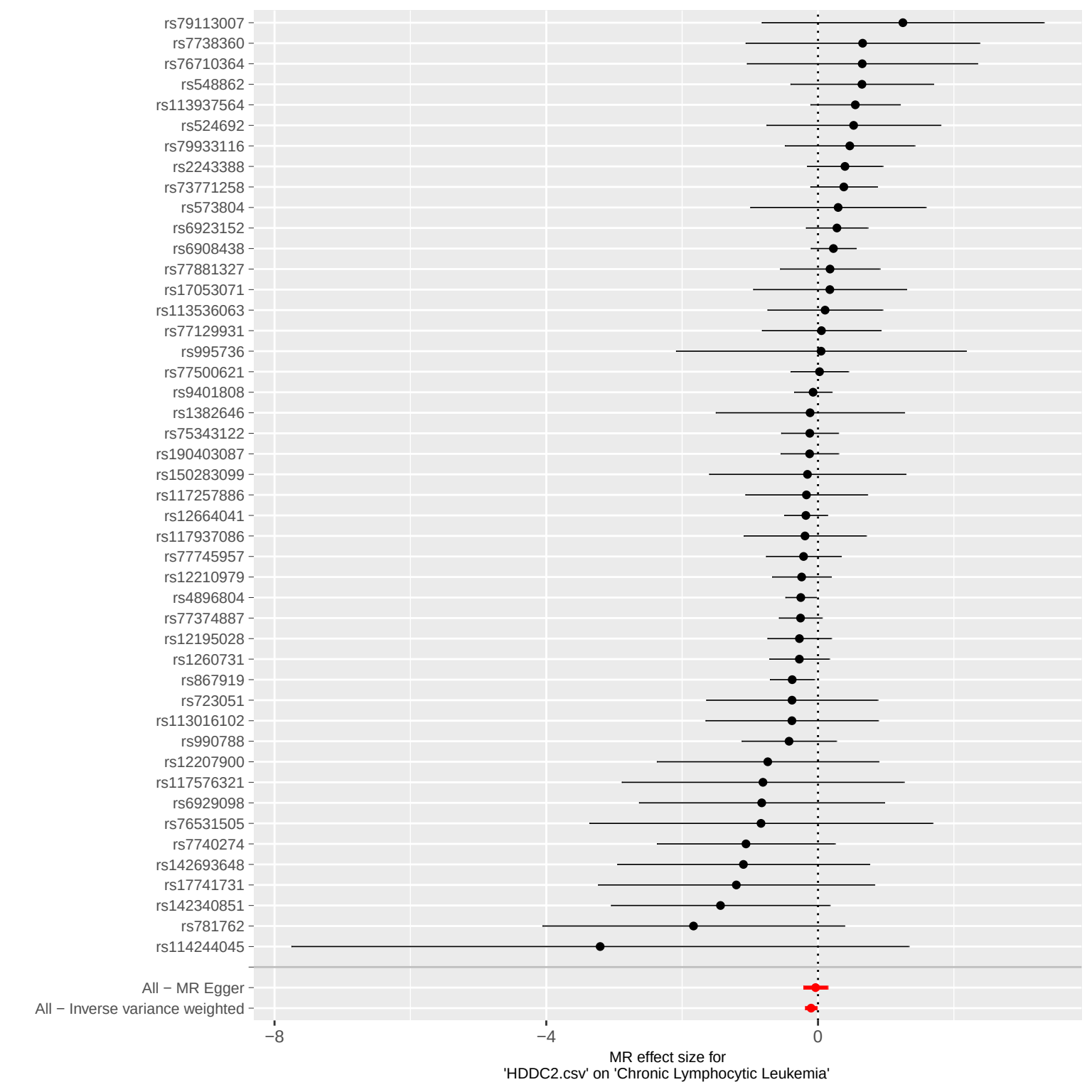
rs638383
rs116803551
All − MR Egger
All − Inverse variance weighted
−5
−4
−3
−2
−1
0
1
MR effect size for
'HCP5.csv' on 'Chronic Lymphocytic Leukemia'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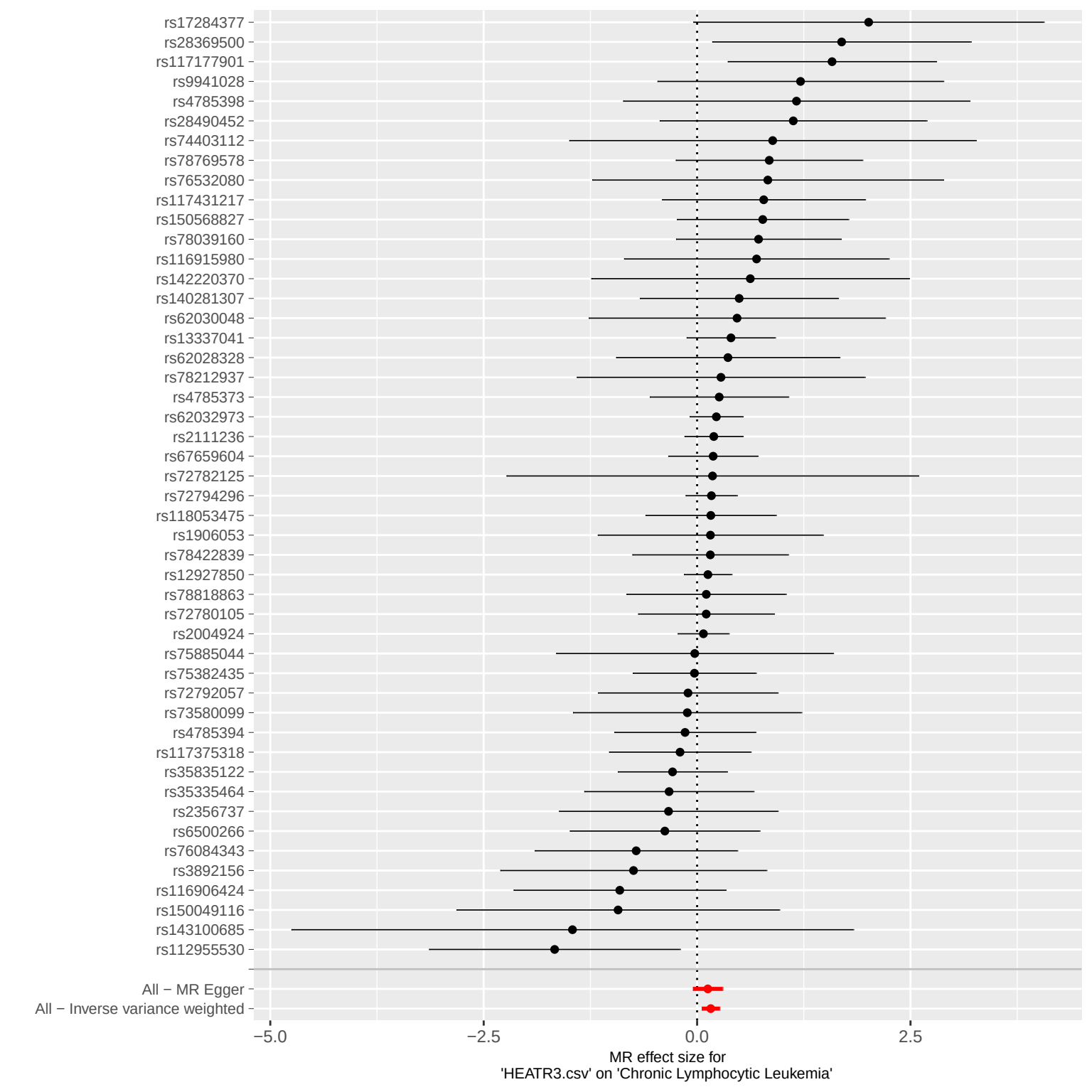
rs7740274
rs142693648
rs17741731
rs142340851
rs781762
rs114244045
All − MR Egger
All − Inverse variance weighted
−8
−4
0
MR effect size for
'HDDC2.csv' on 'Chronic Lymphocytic Leukemia'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rs143100685
rs112955530
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All − Inverse variance weighted
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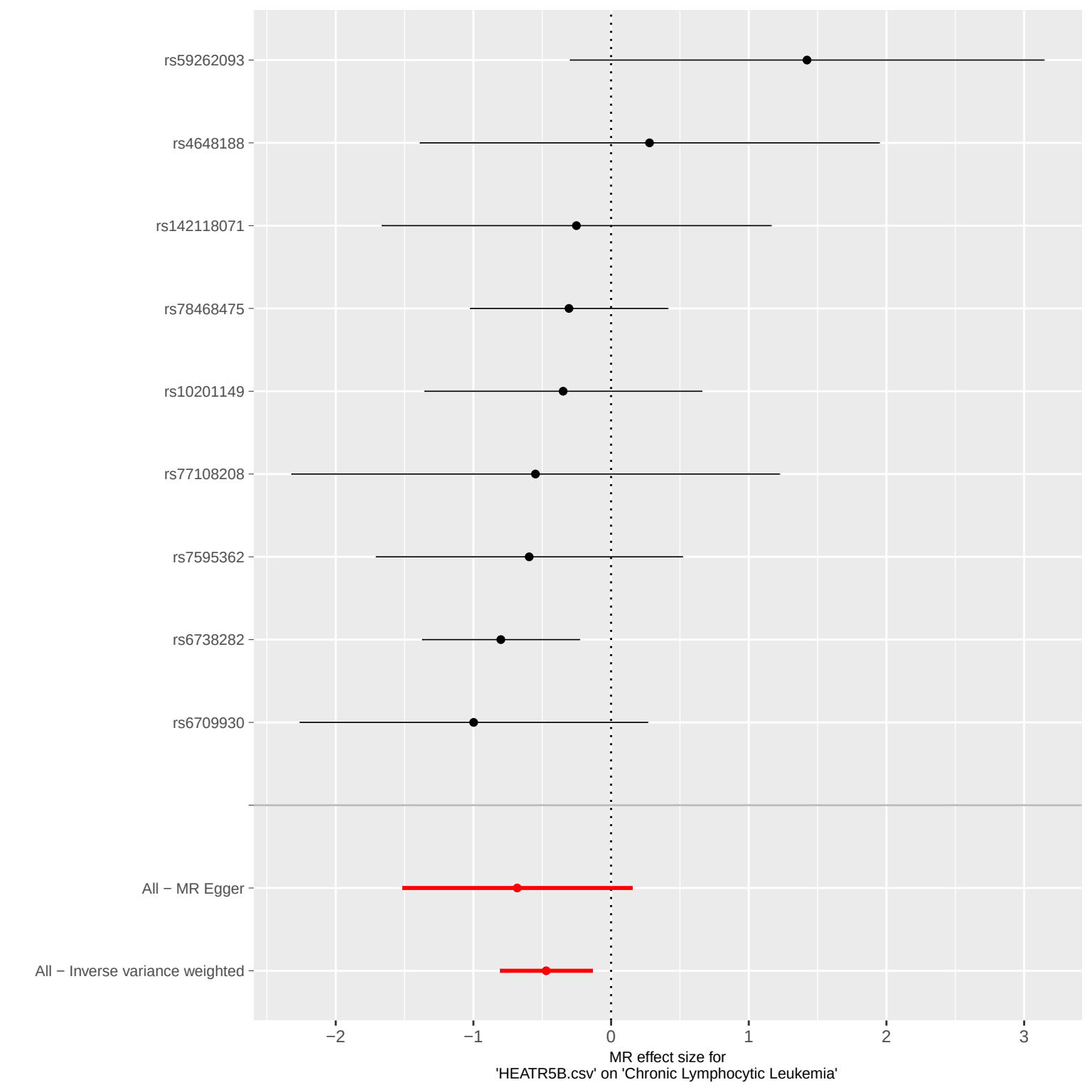
−2.5
0.0
2.5
MR effect size for
'HEATR3.csv' on 'Chronic Lymphocytic Leukemia'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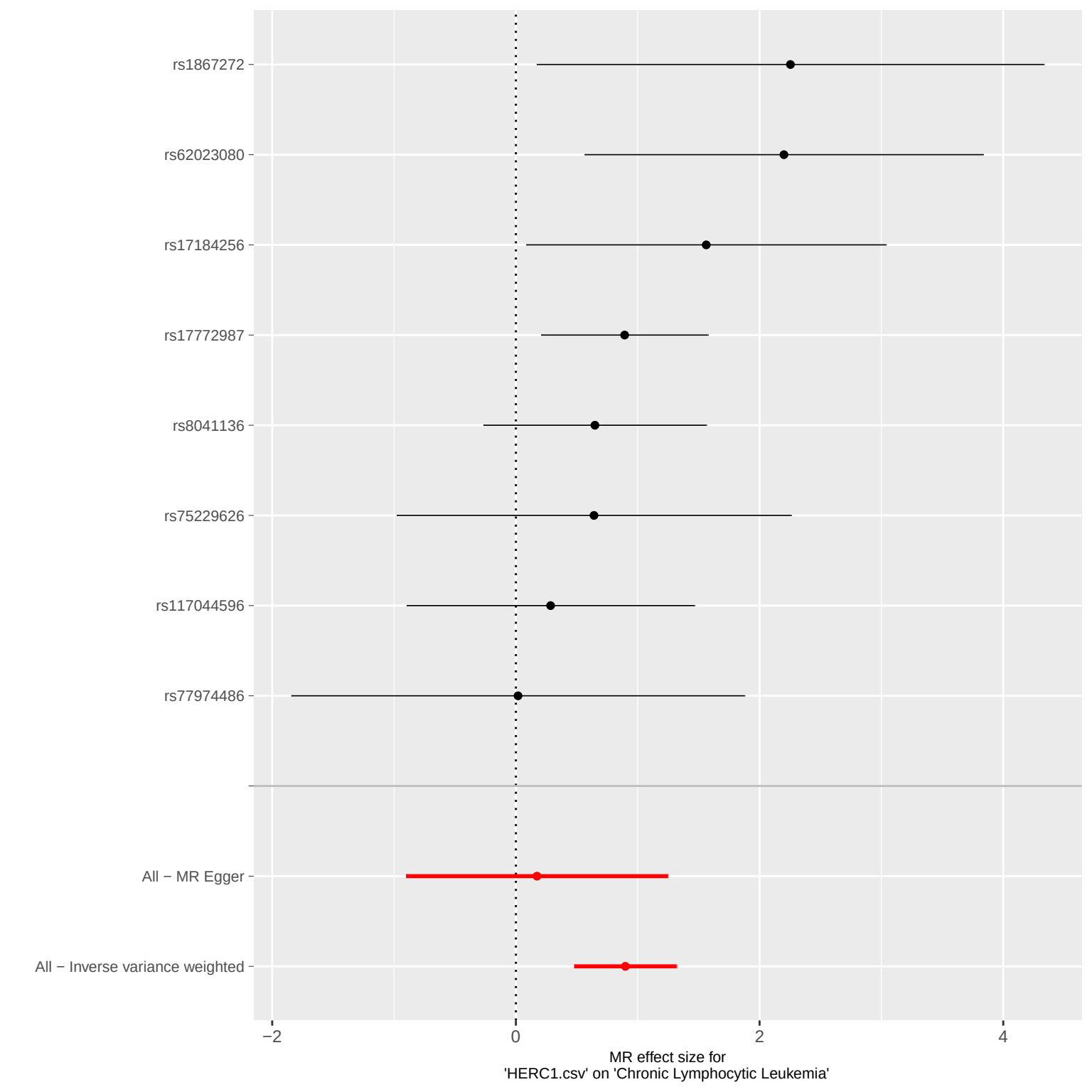
rs6709930
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'HEATR5B.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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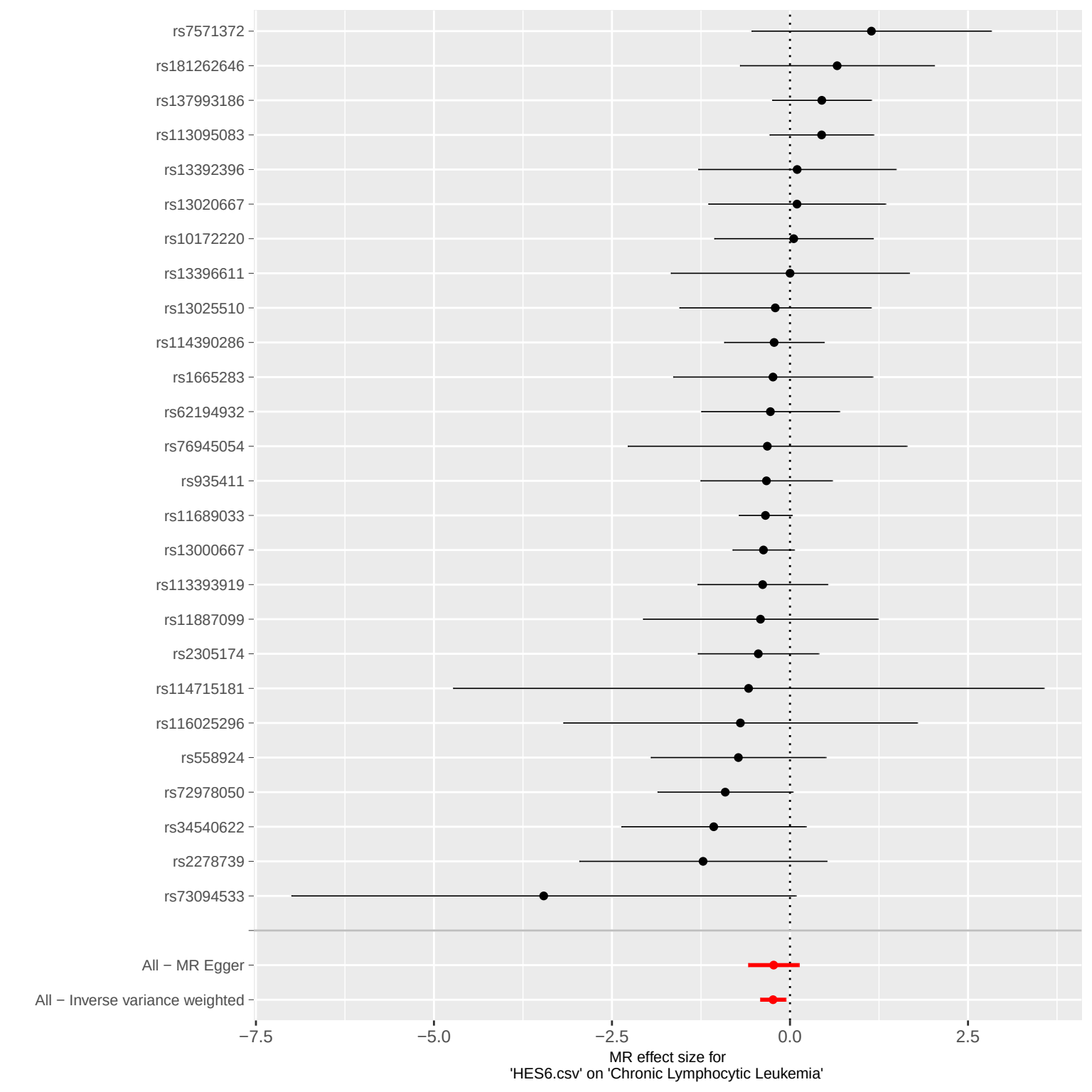
MR effect size for
'HERC1.csv' on 'Chronic Lymphocytic Leukemia'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rs2305174
rs114715181
rs116025296
rs558924
rs72978050
rs34540622
rs2278739
rs73094533
All − MR Egger
All − Inverse variance weighted
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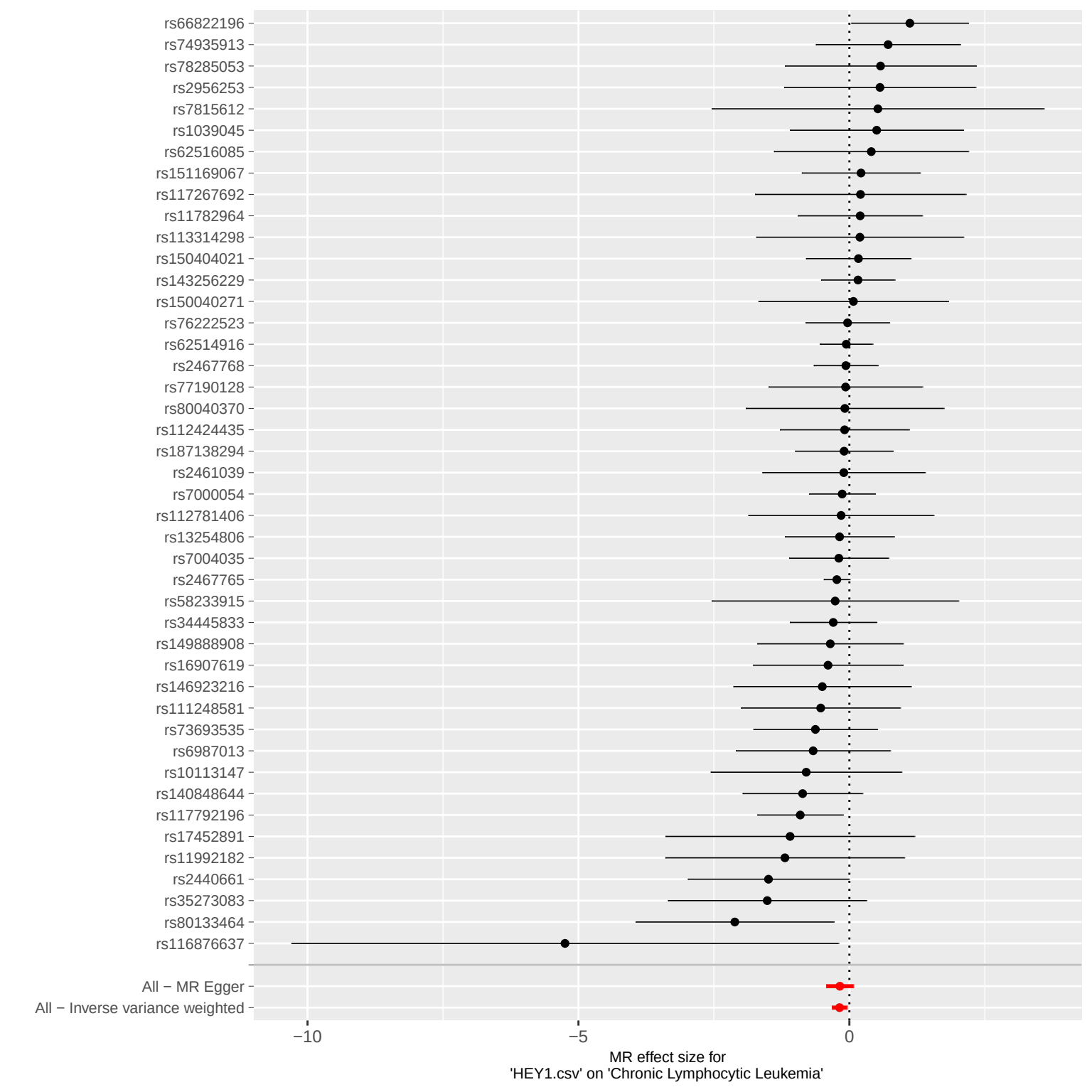
−5.0
−2.5
0.0
2.5
MR effect size for
'HES6.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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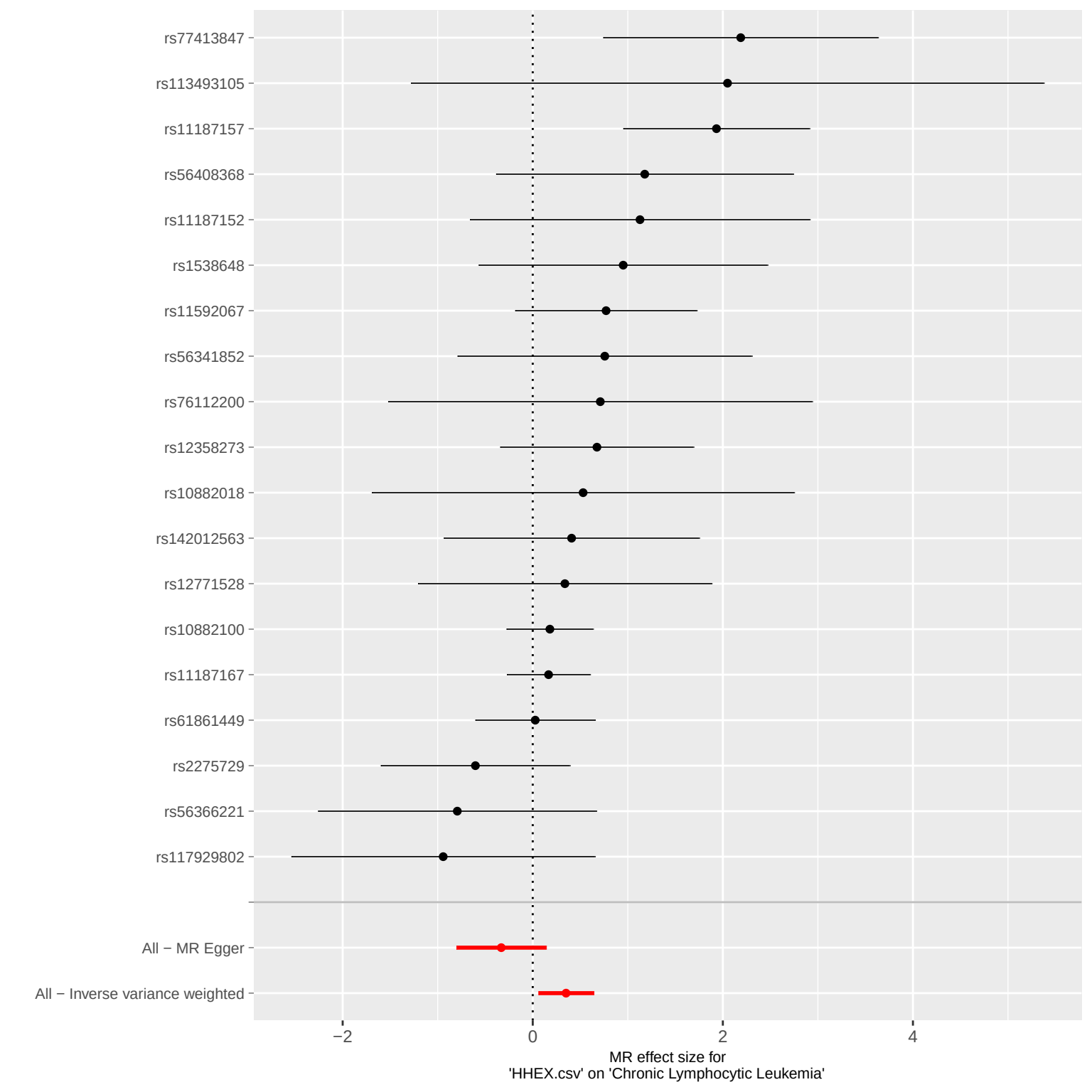
MR effect size for
'HEY1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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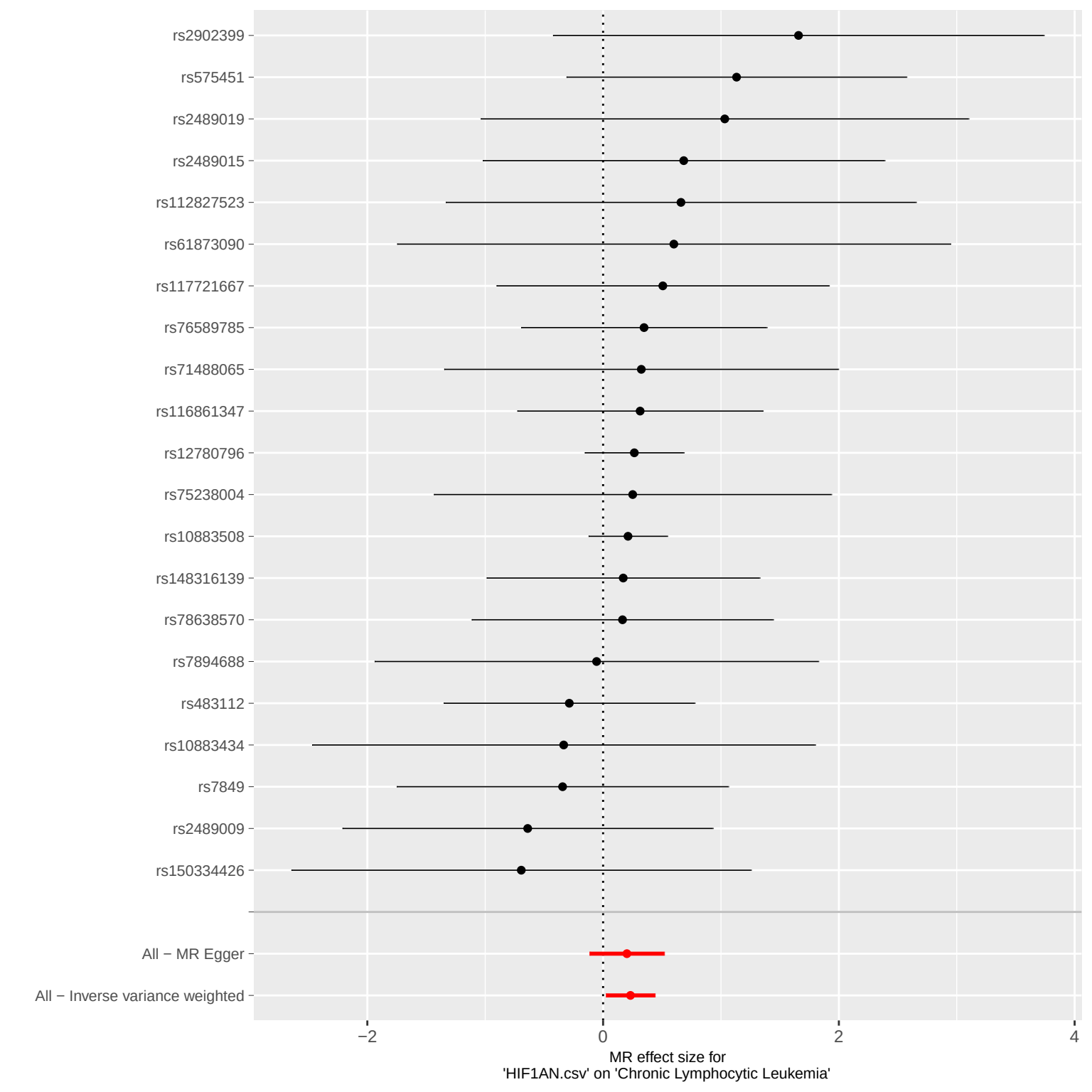
MR effect size for
'HHEX.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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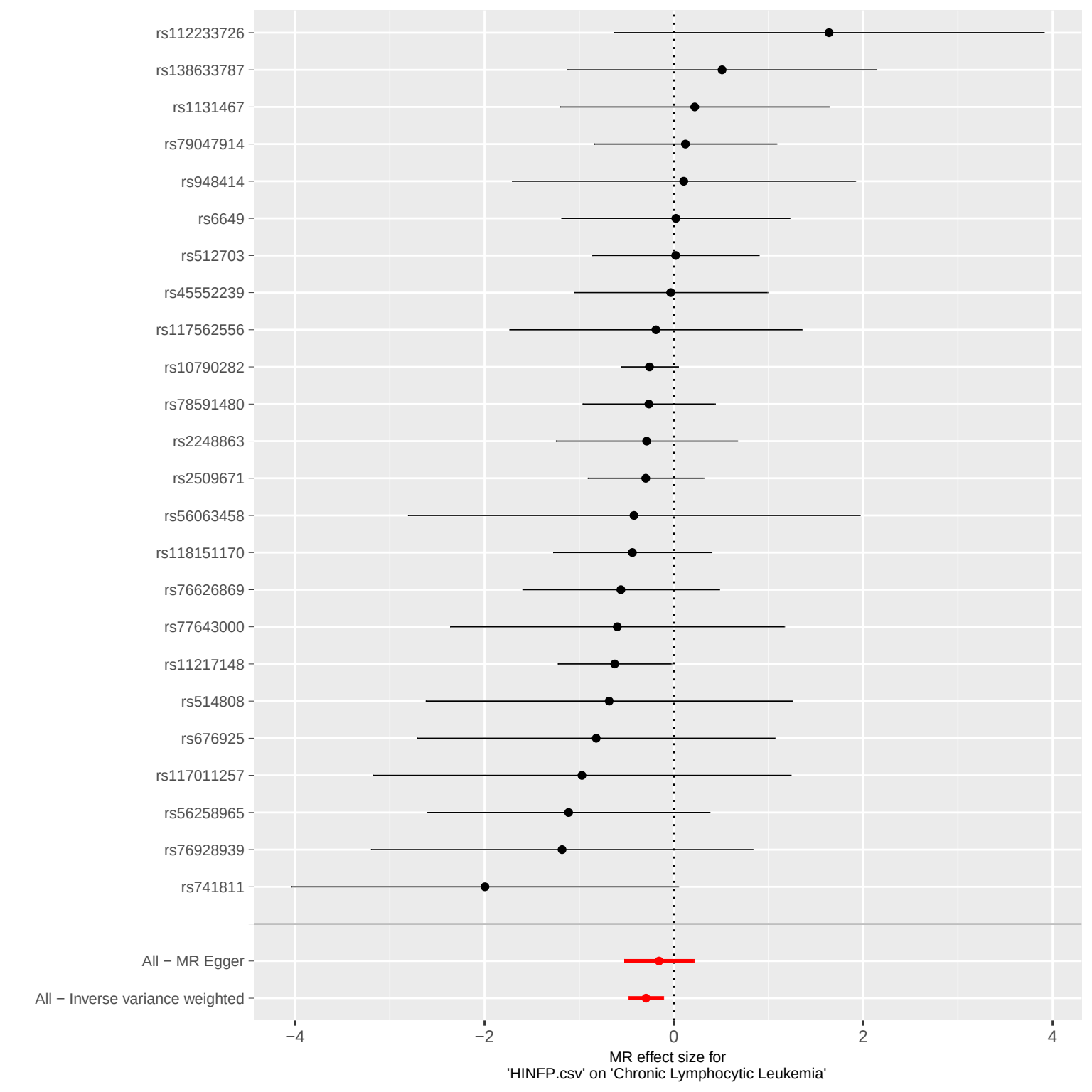
4
MR effect size for
'HIF1AN.csv' on 'Chronic Lymphocytic Leukemia'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rs76928939
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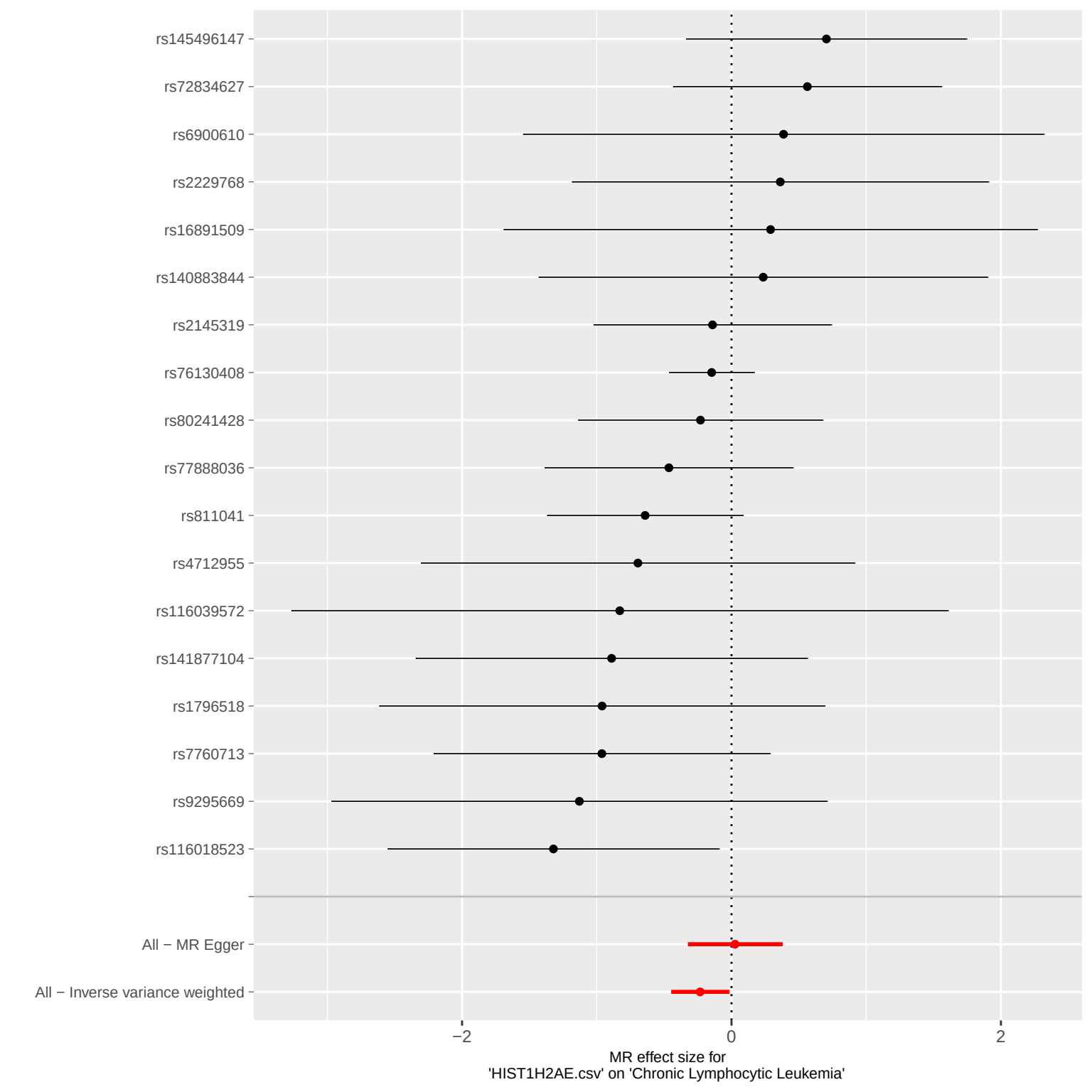
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'HINFP.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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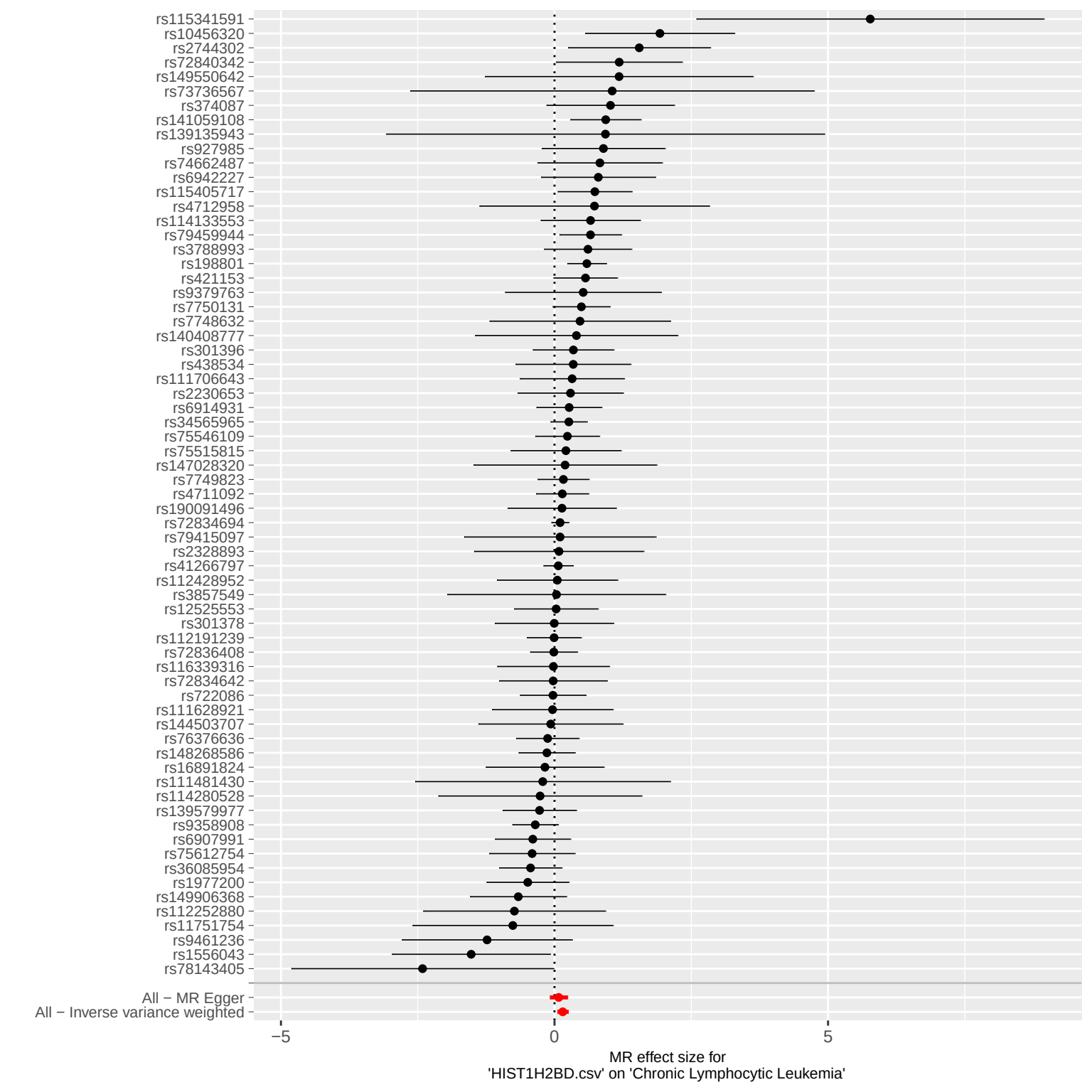
MR effect size for
'HIST1H2AE.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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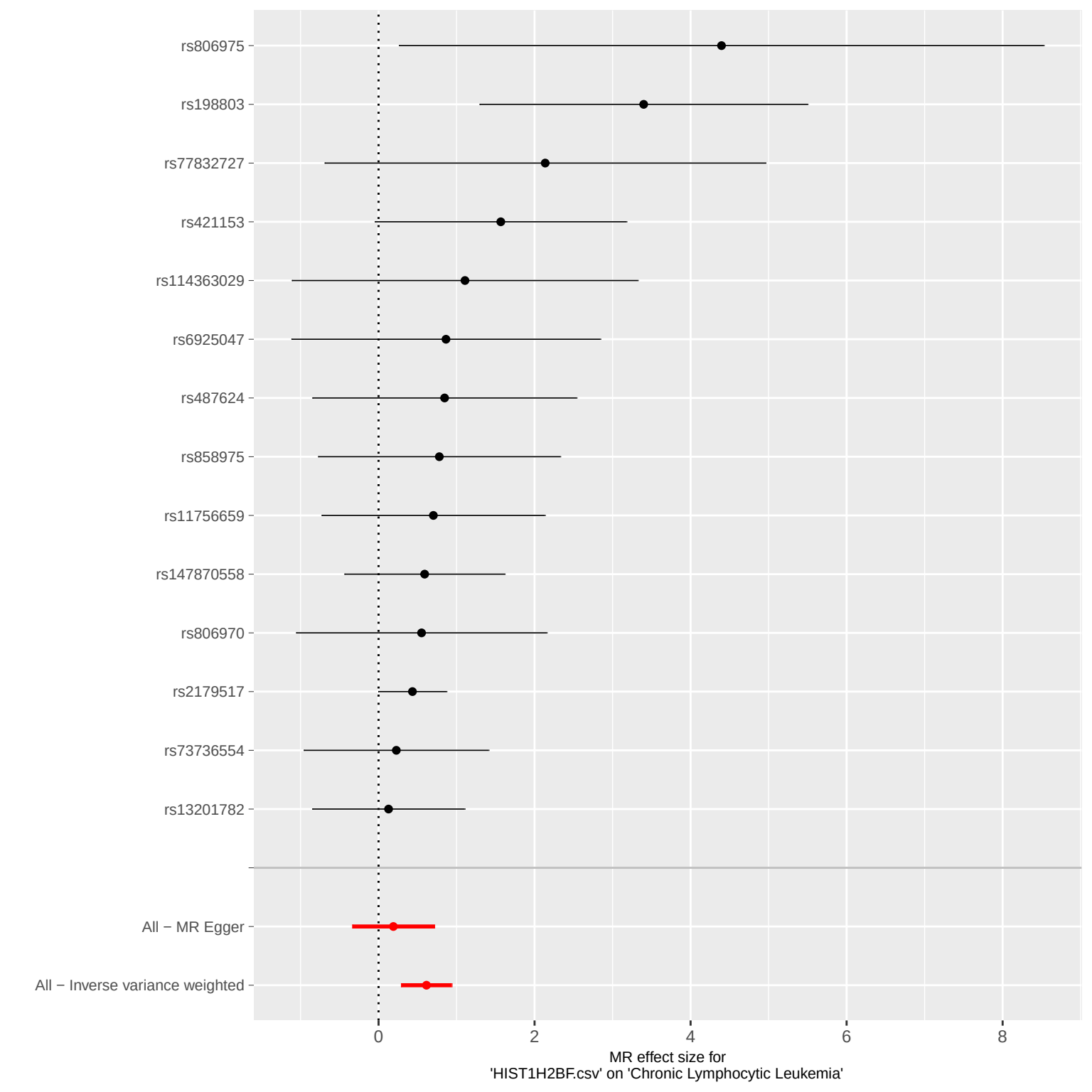
MR effect size for
'HIST1H2BD.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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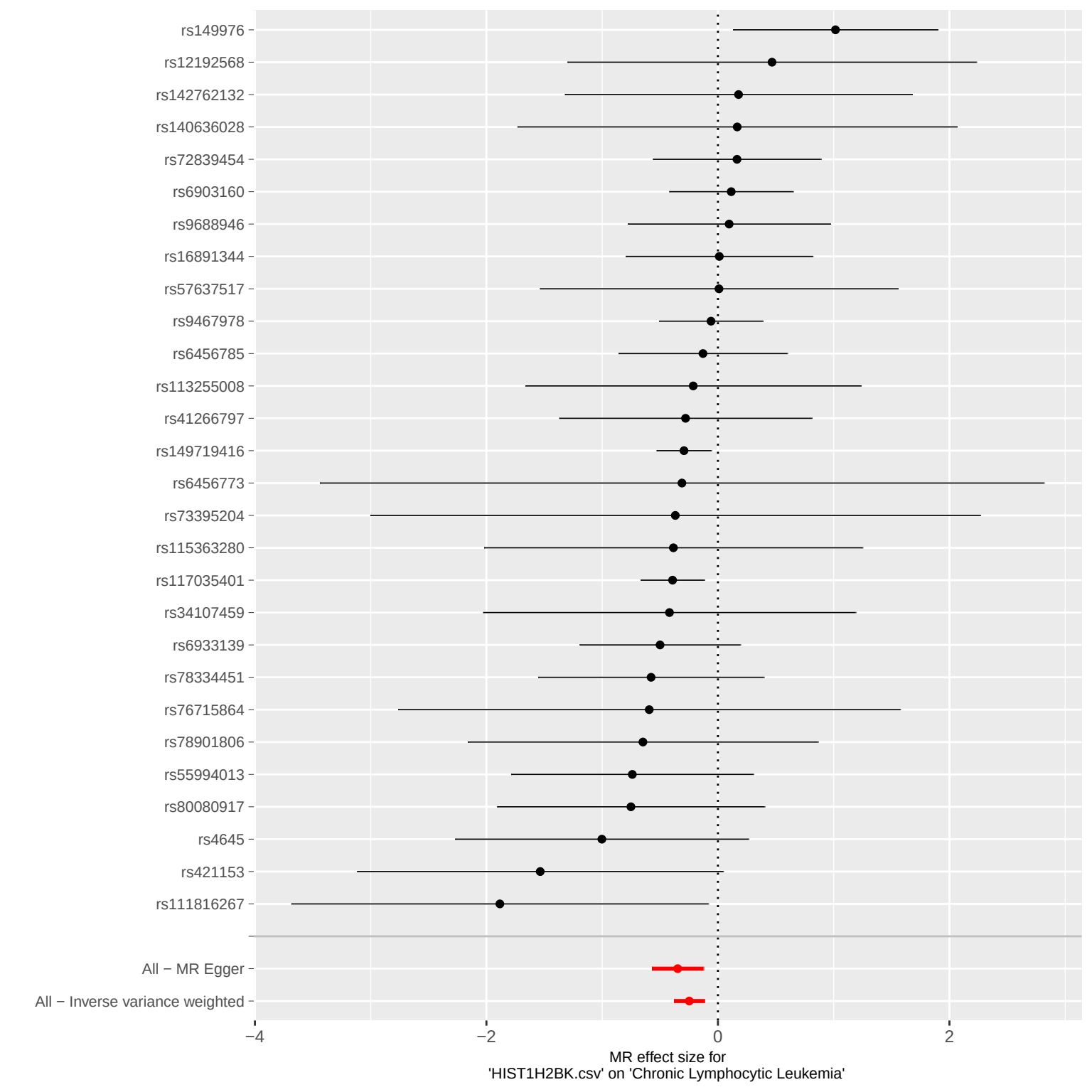
6
8
MR effect size for
'HIST1H2BF.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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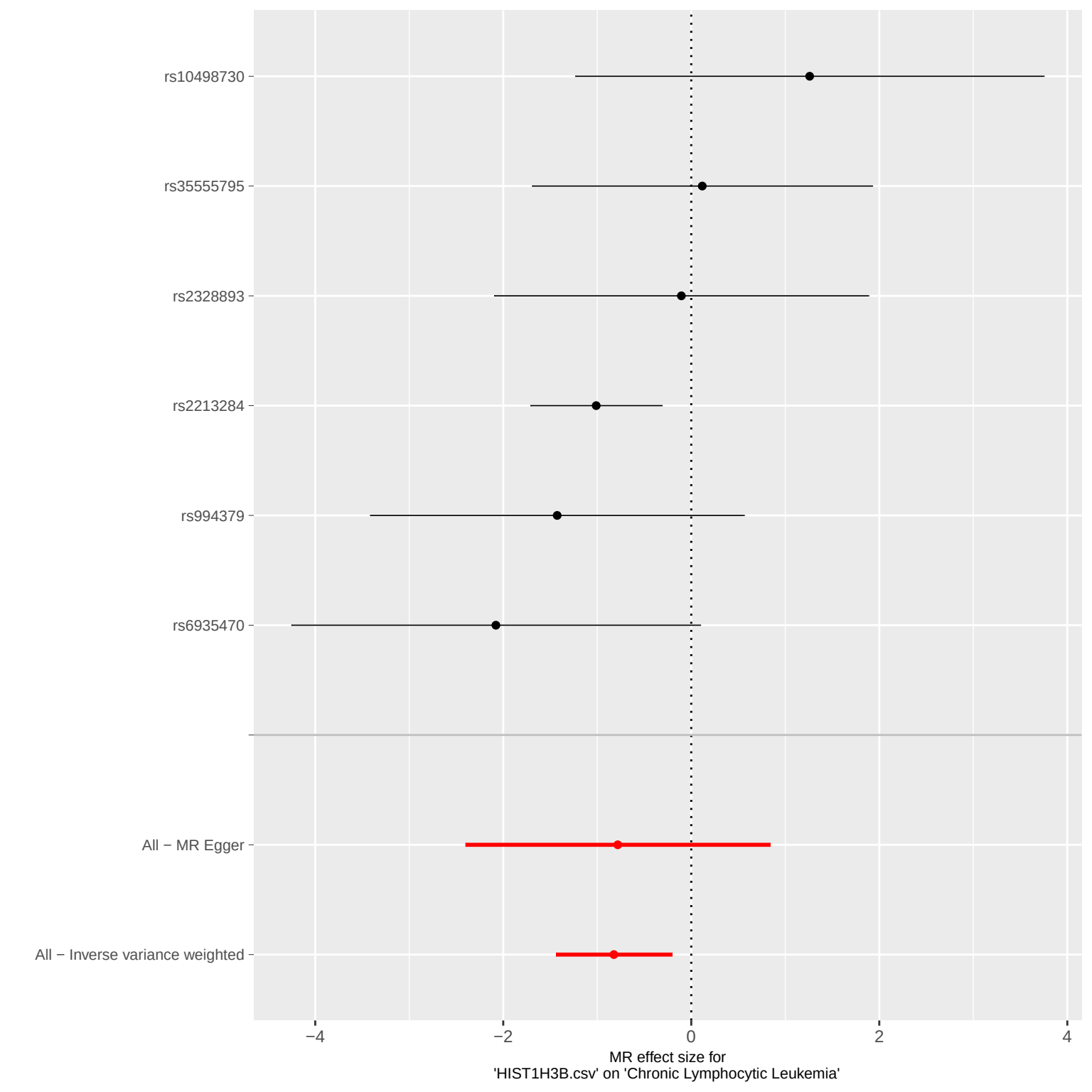
MR effect size for
'HIST1H2BK.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−2
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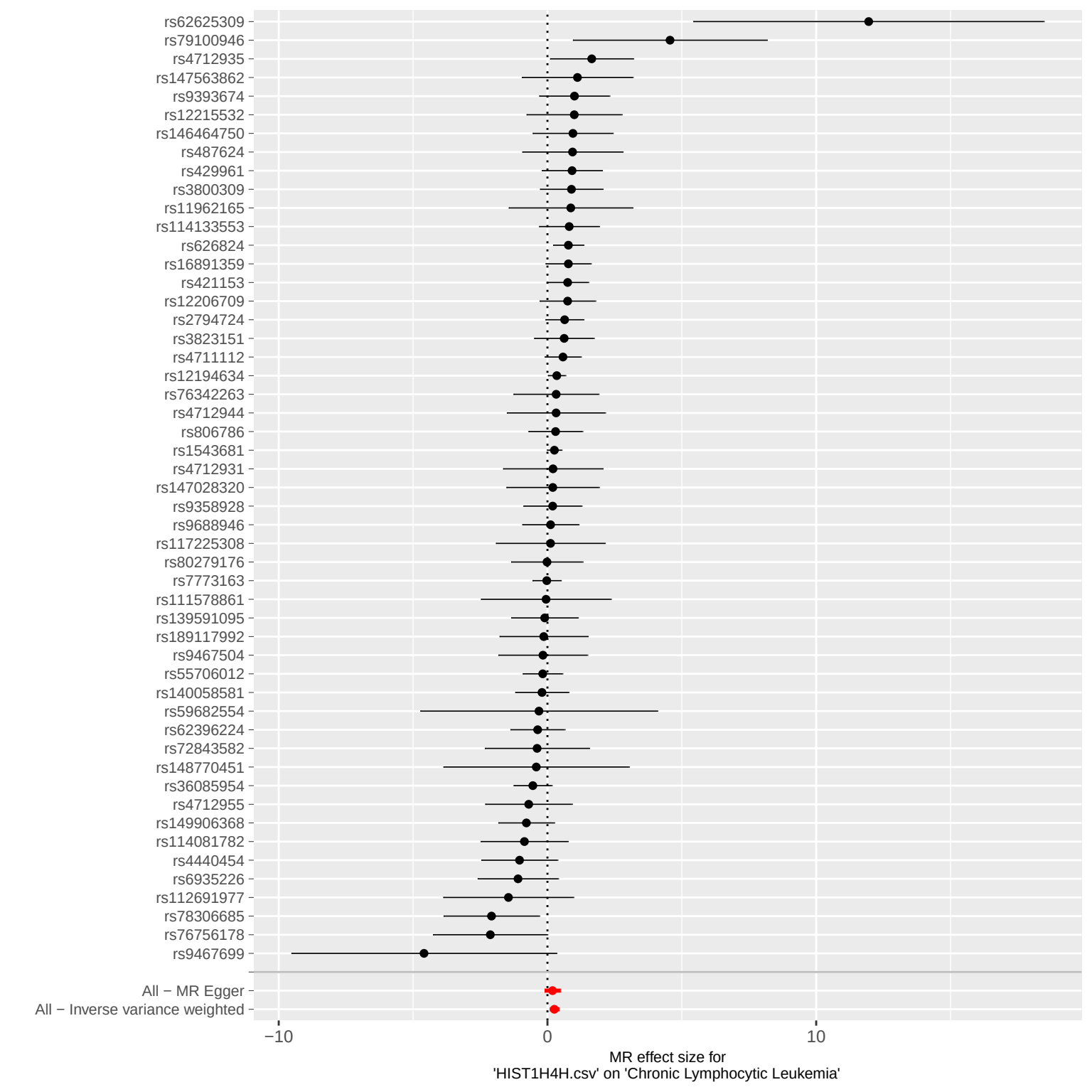
MR effect size for
'HIST1H3B.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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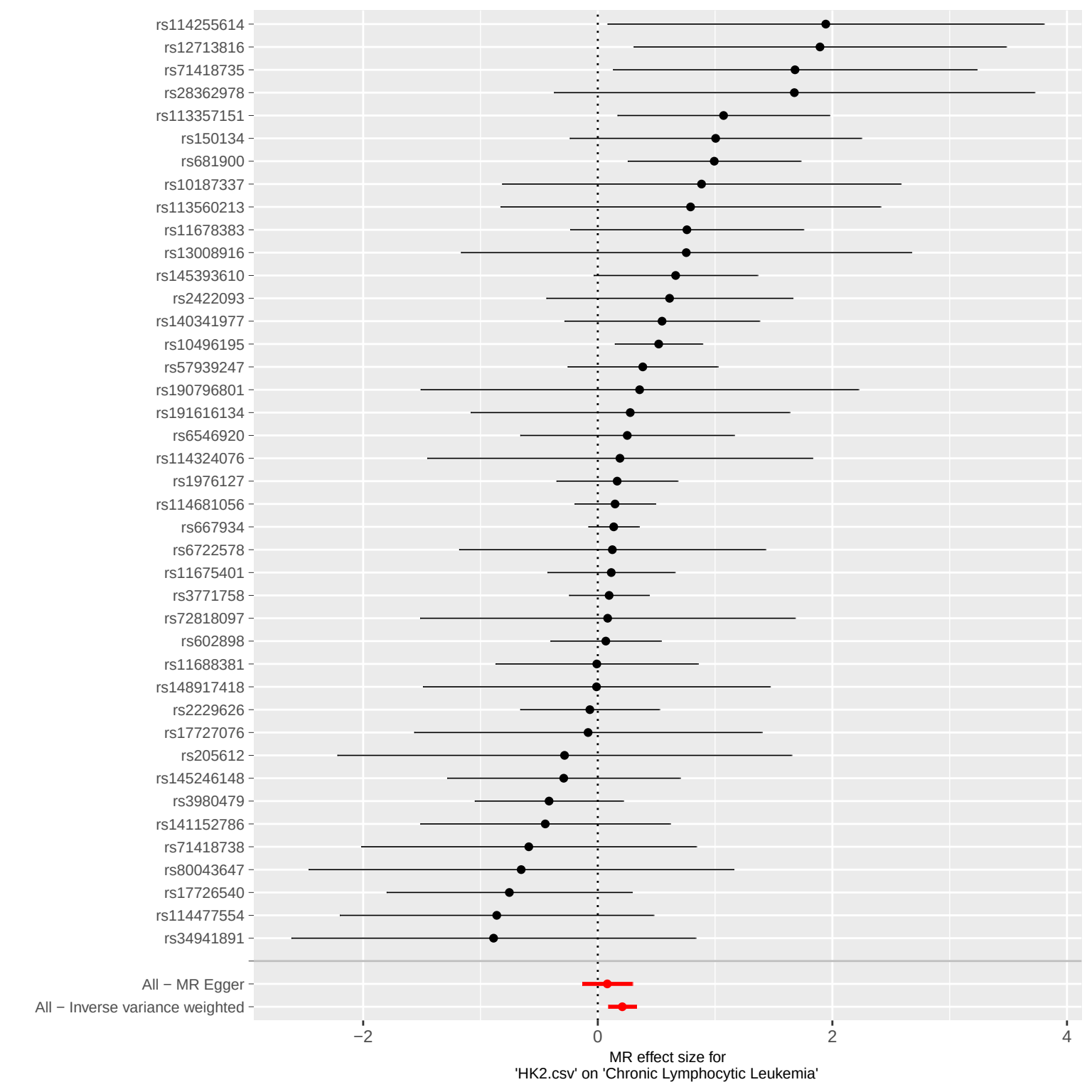
10
MR effect size for
'HIST1H4H.csv' on 'Chronic Lymphocytic Leukemia'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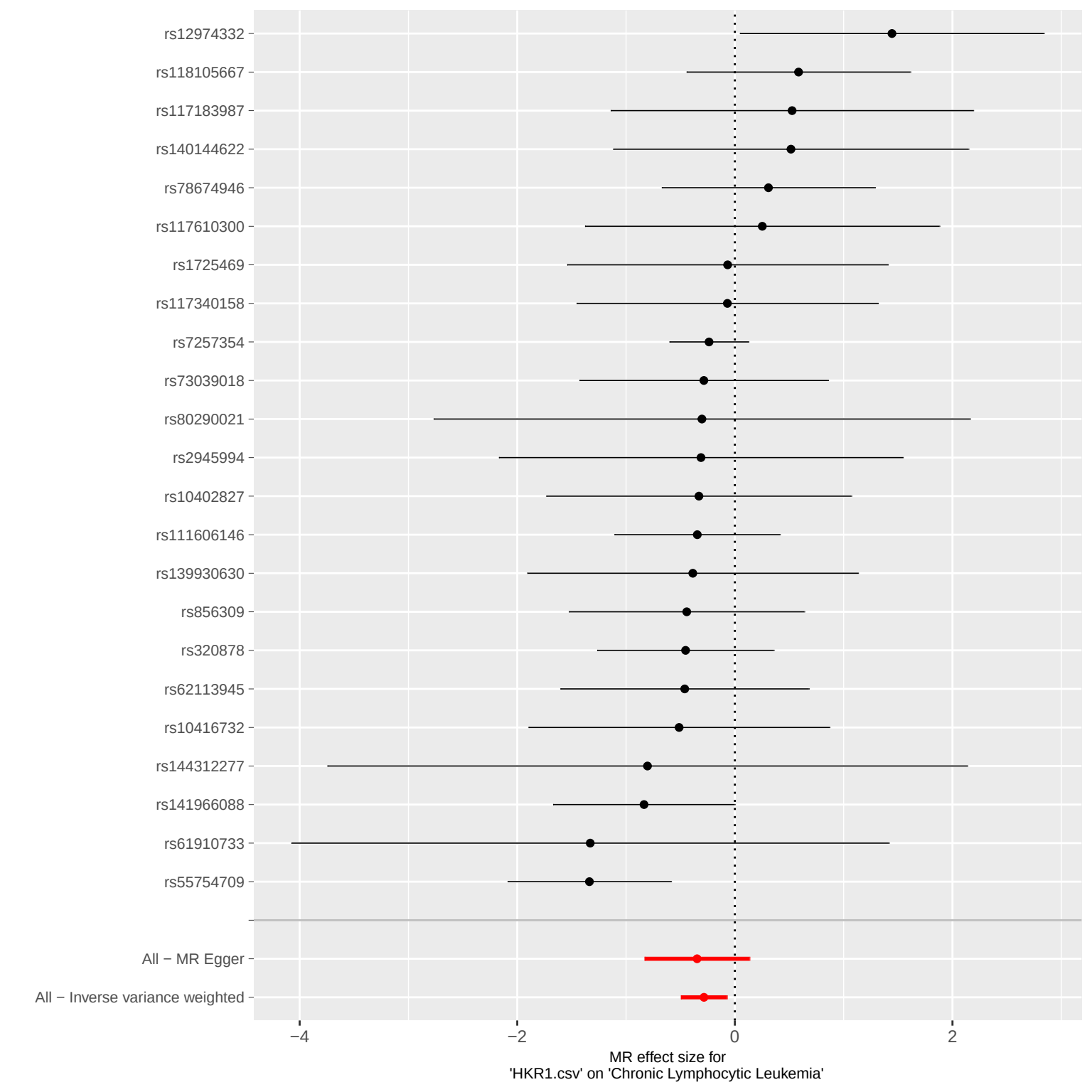
MR effect size for
'HK2.csv' on 'Chronic Lymphocytic Leukemia'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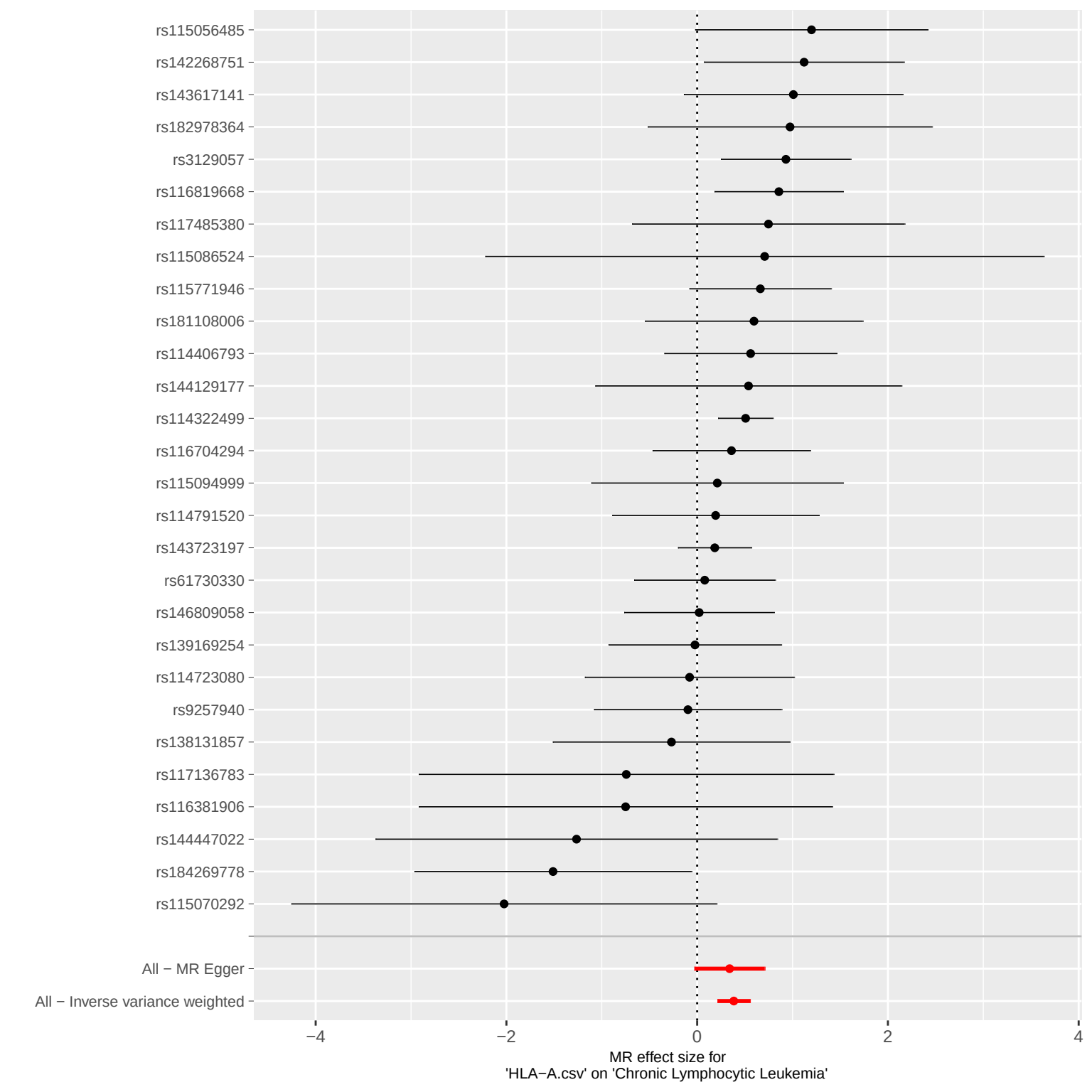
MR effect size for
'HKR1.csv' on 'Chronic Lymphocytic Leukemia'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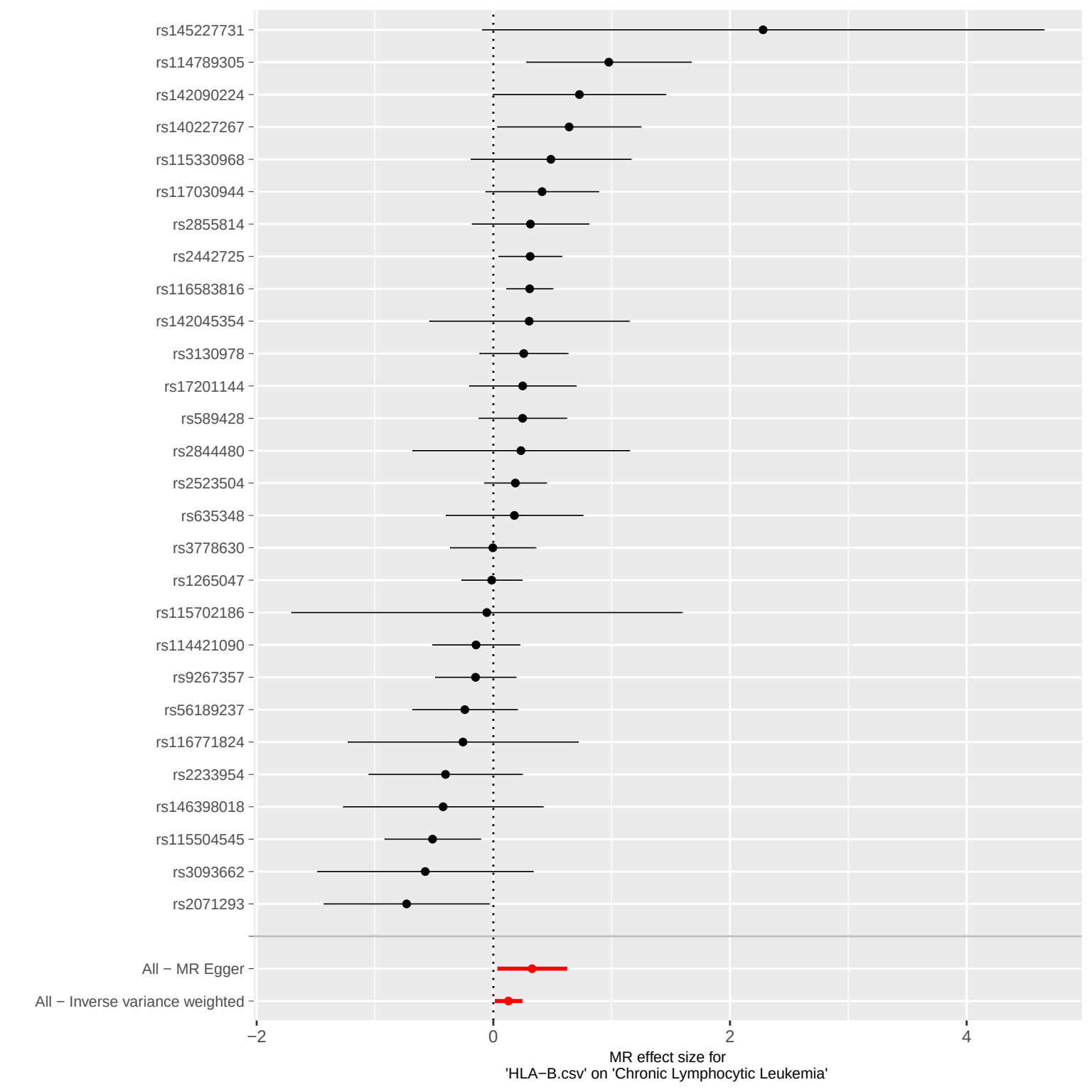
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'HLA−A.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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2
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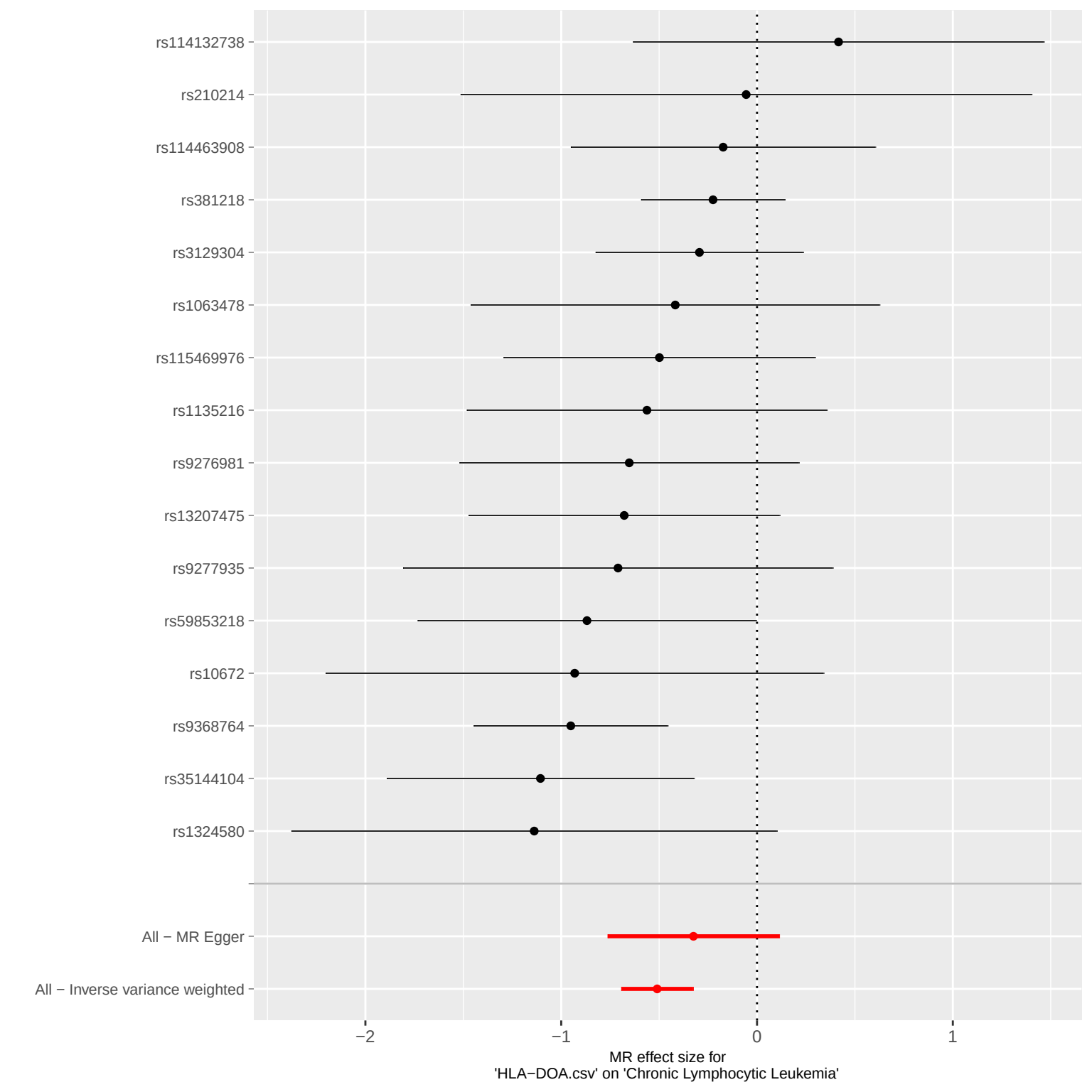
MR effect size for
'HLA−B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−1
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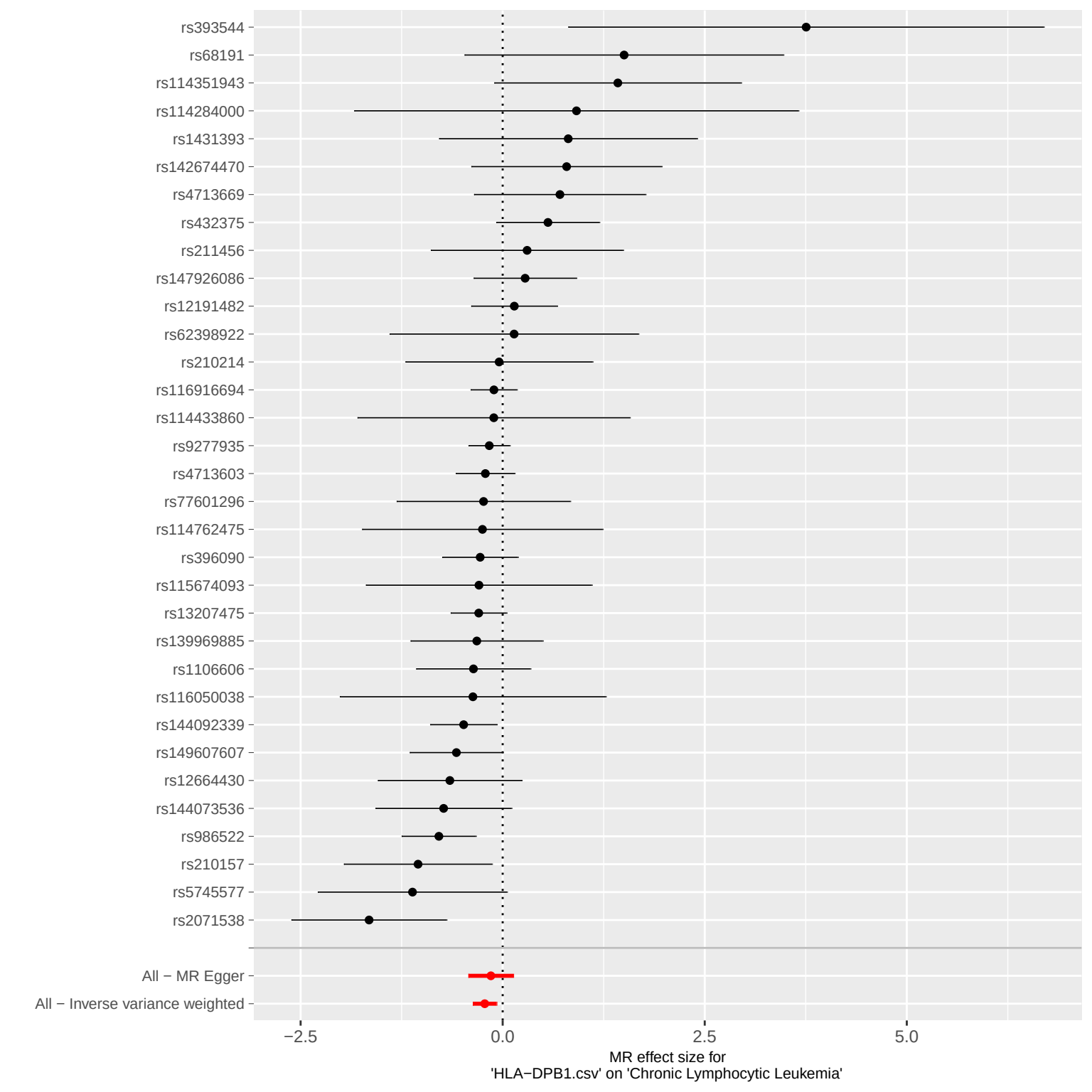
1
MR effect size for
'HLA−DOA.csv' on 'Chronic Lymphocytic Leukemia'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rs2071538
All − MR Egger
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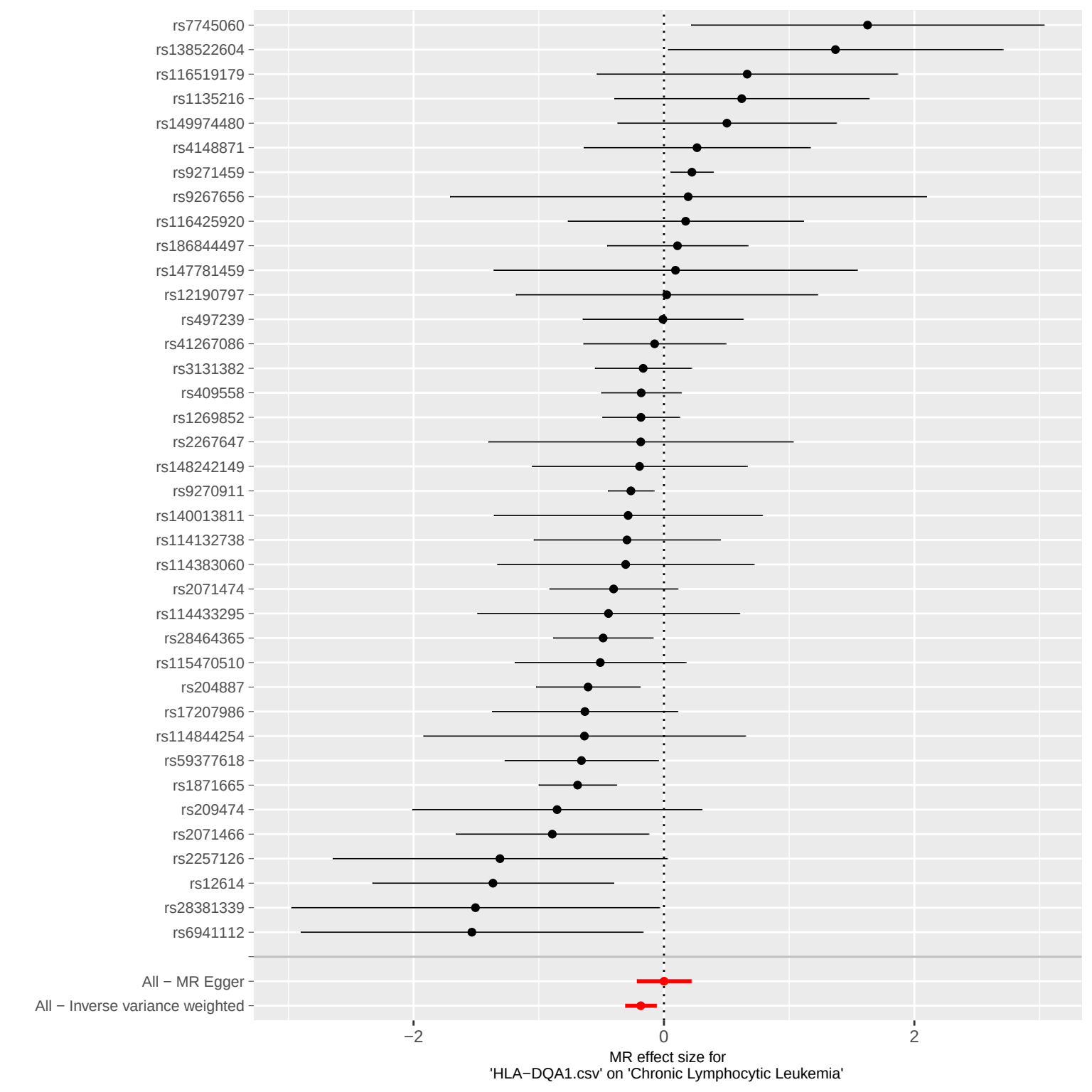
2.5
5.0
MR effect size for
'HLA−DPB1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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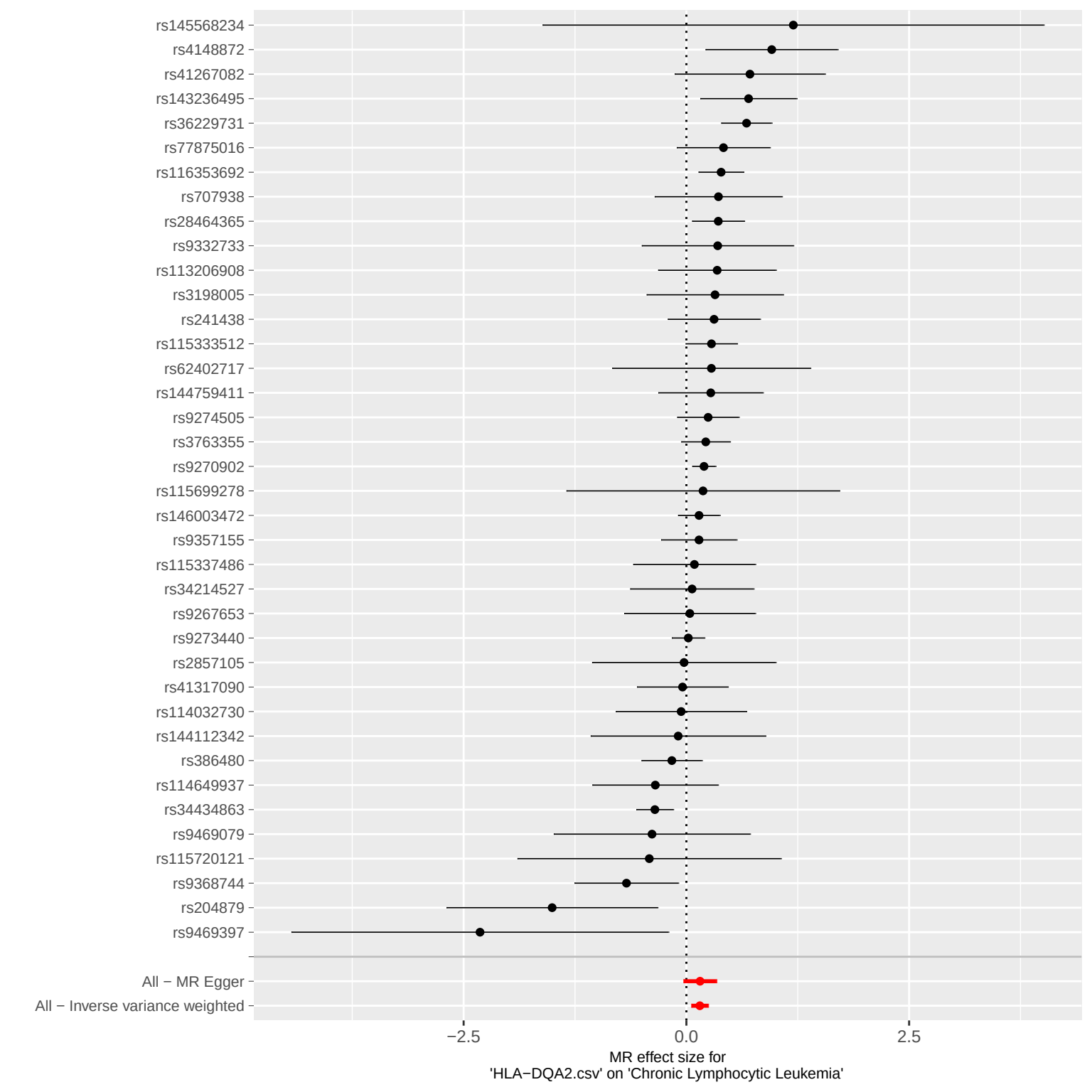
2
MR effect size for
'HLA−DQA1.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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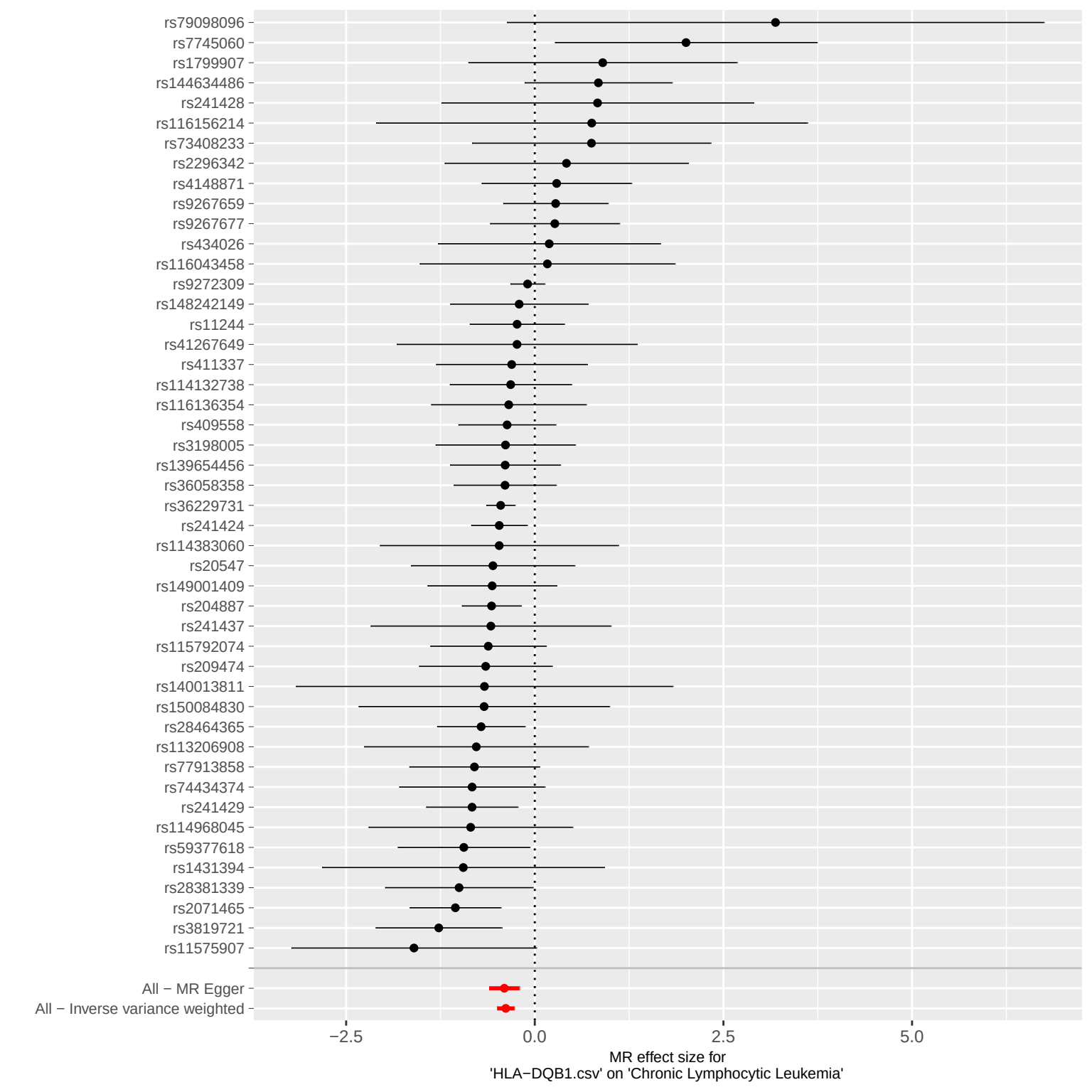
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All − MR Egger
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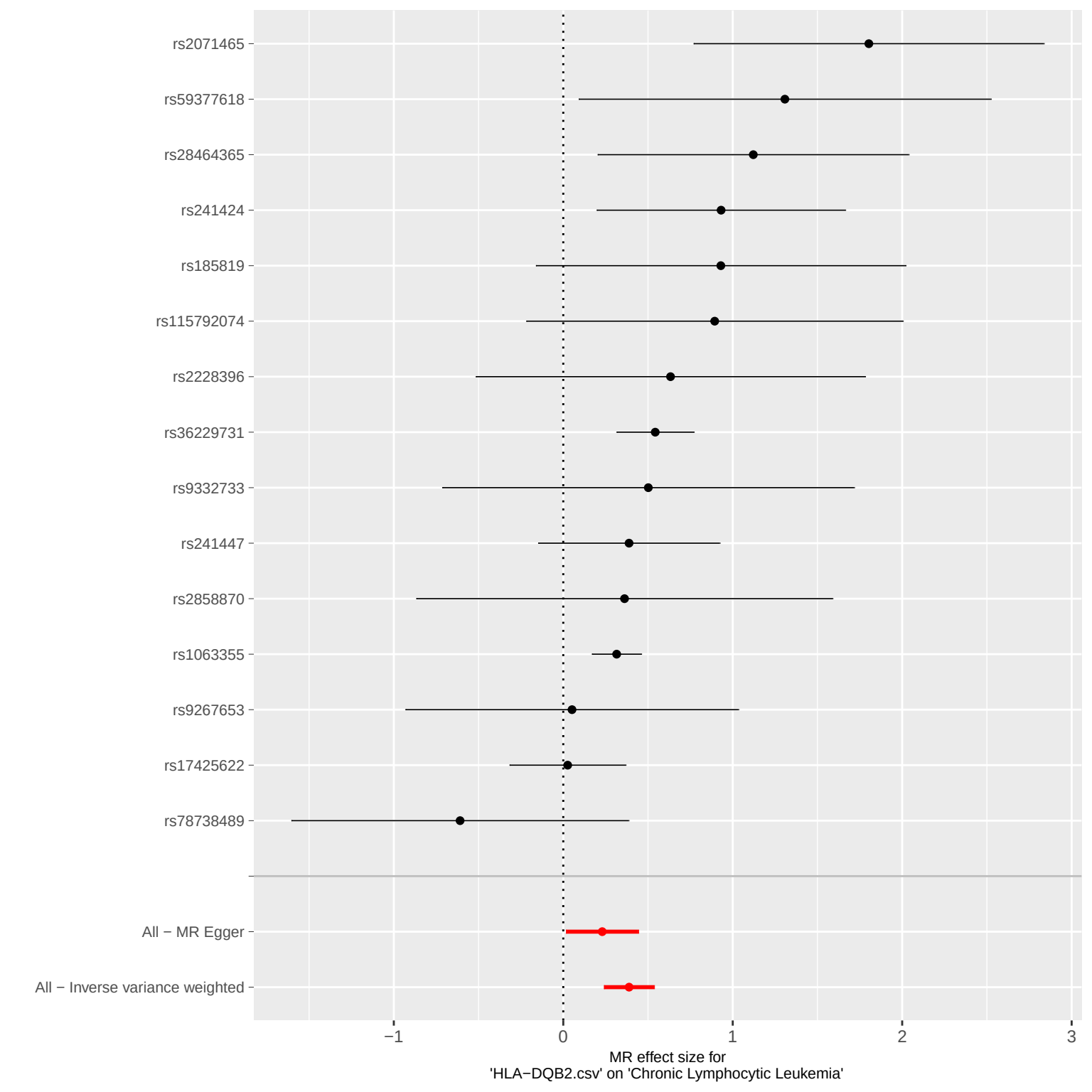
MR effect size for
'HLA−DQB1.csv' on 'Chronic Lymphocytic Leukemia'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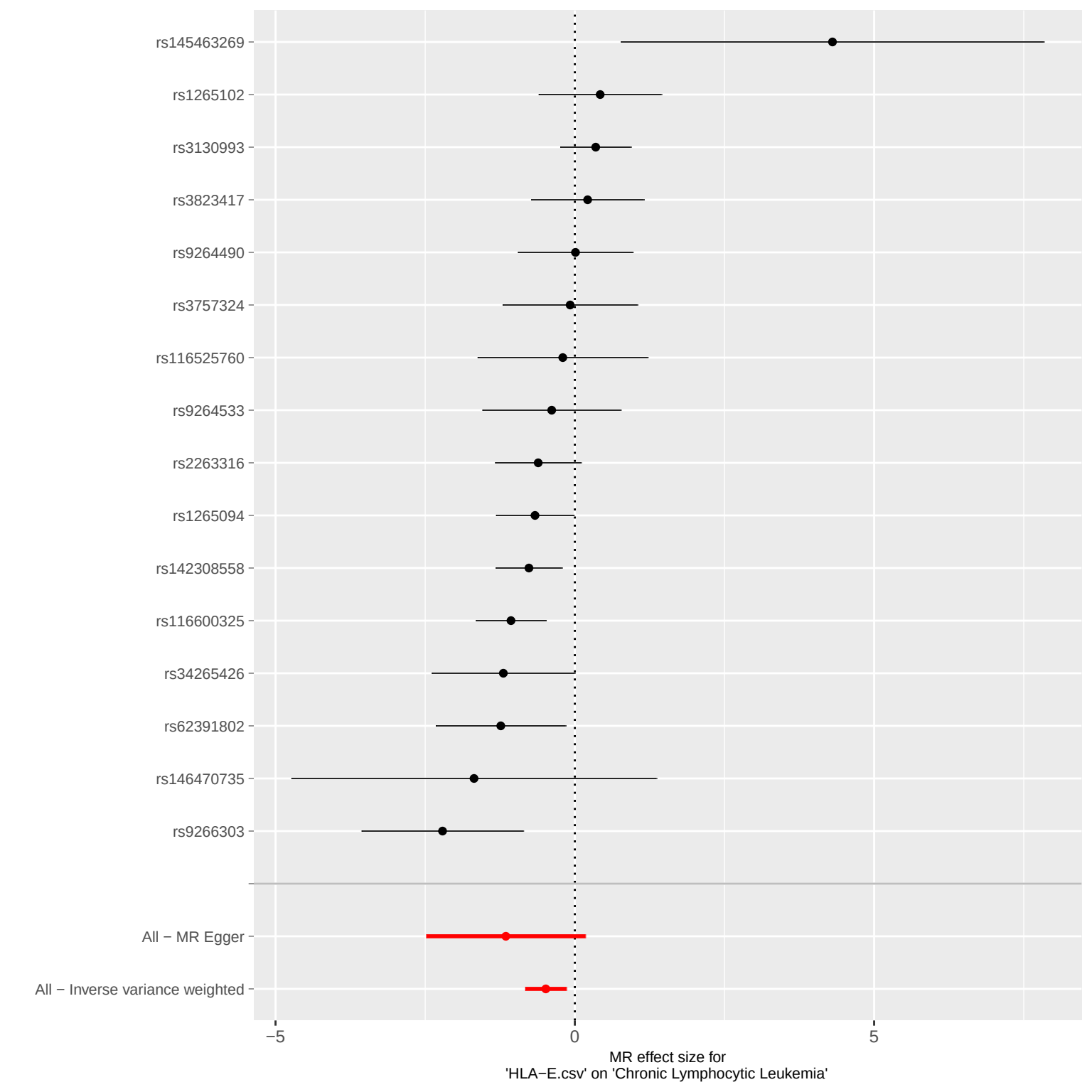
'HLA−DQB2.csv' on 'Chronic Lymphocytic Leukemia'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rs116600325
rs34265426
rs62391802
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All − Inverse variance weighted
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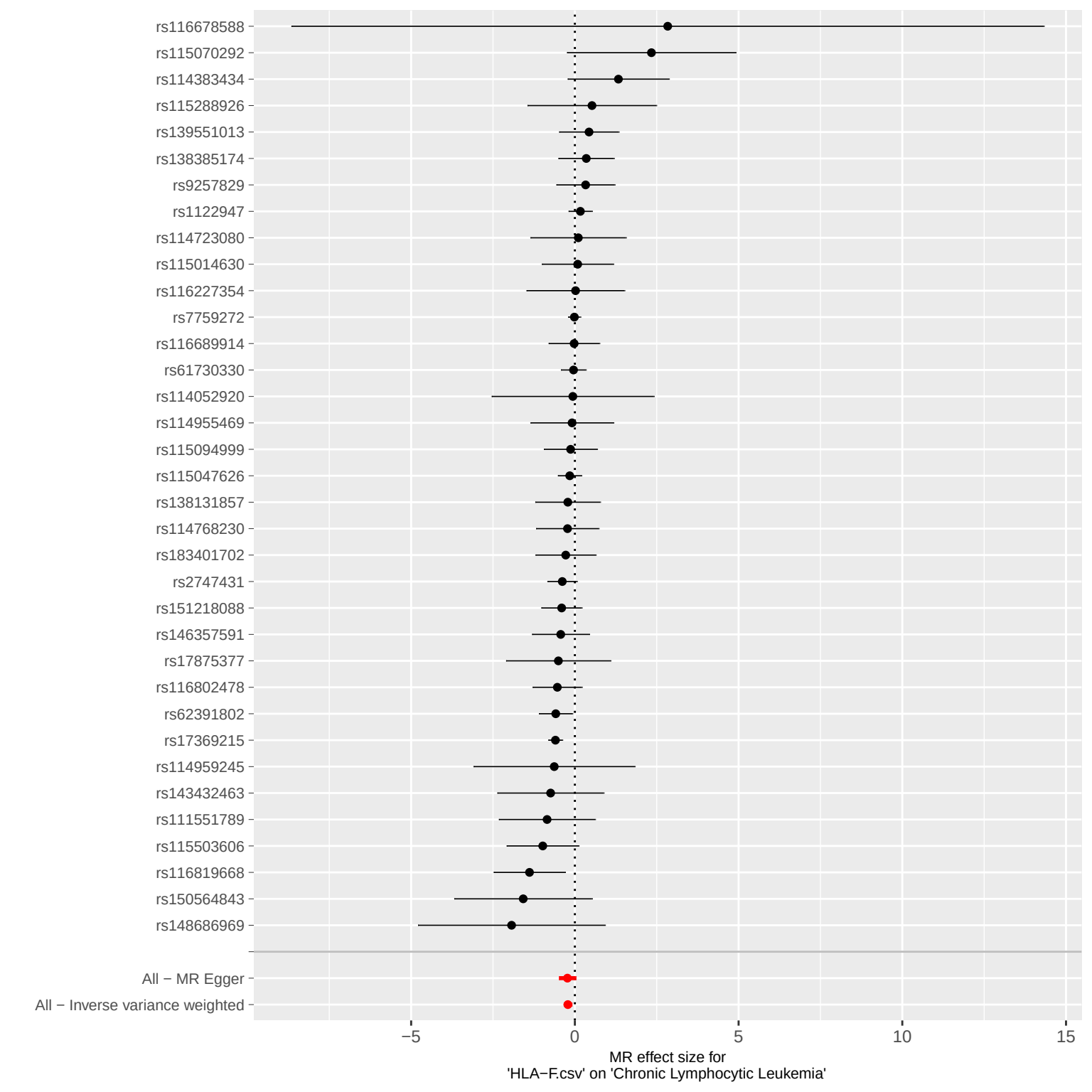
MR effect size for
'HLA−E.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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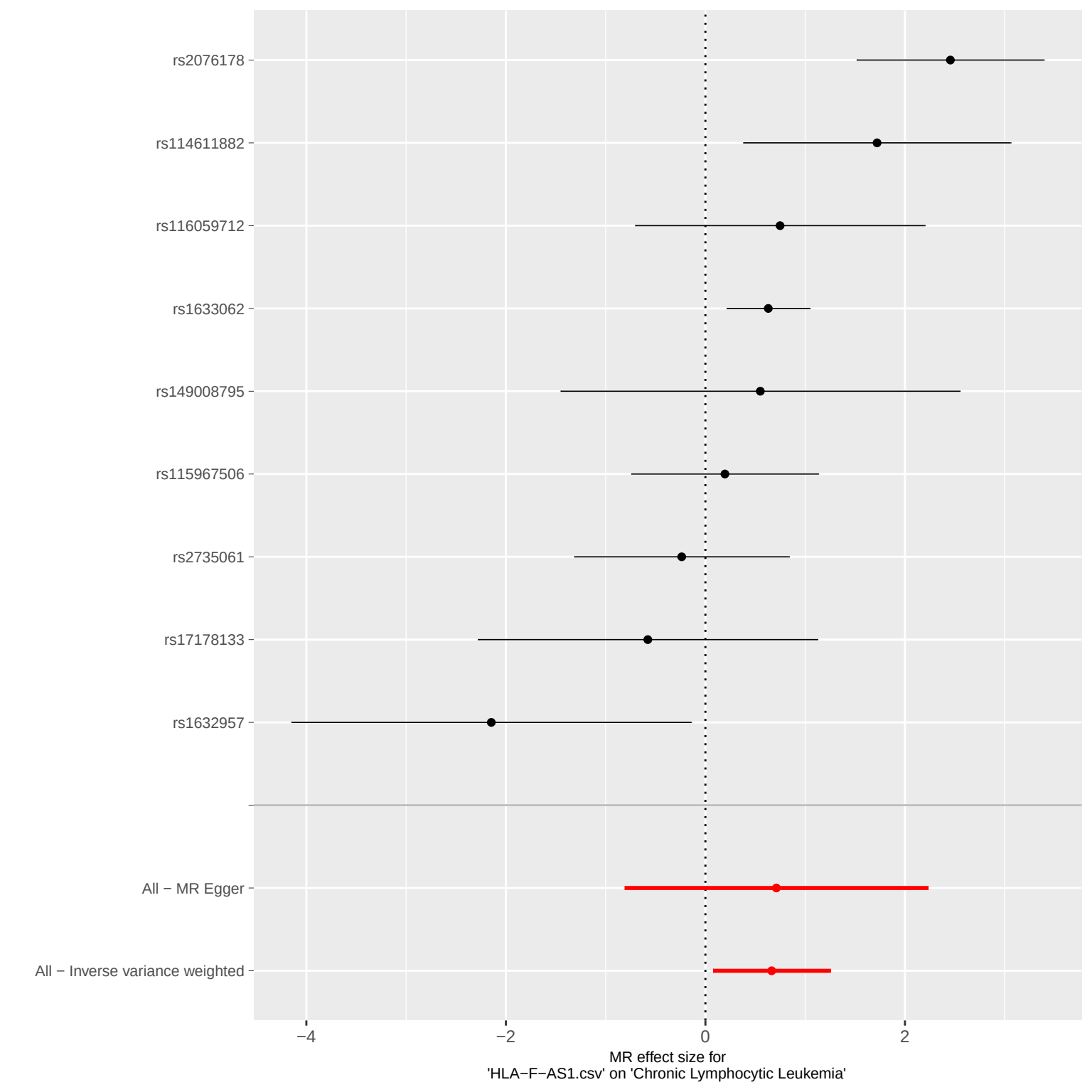
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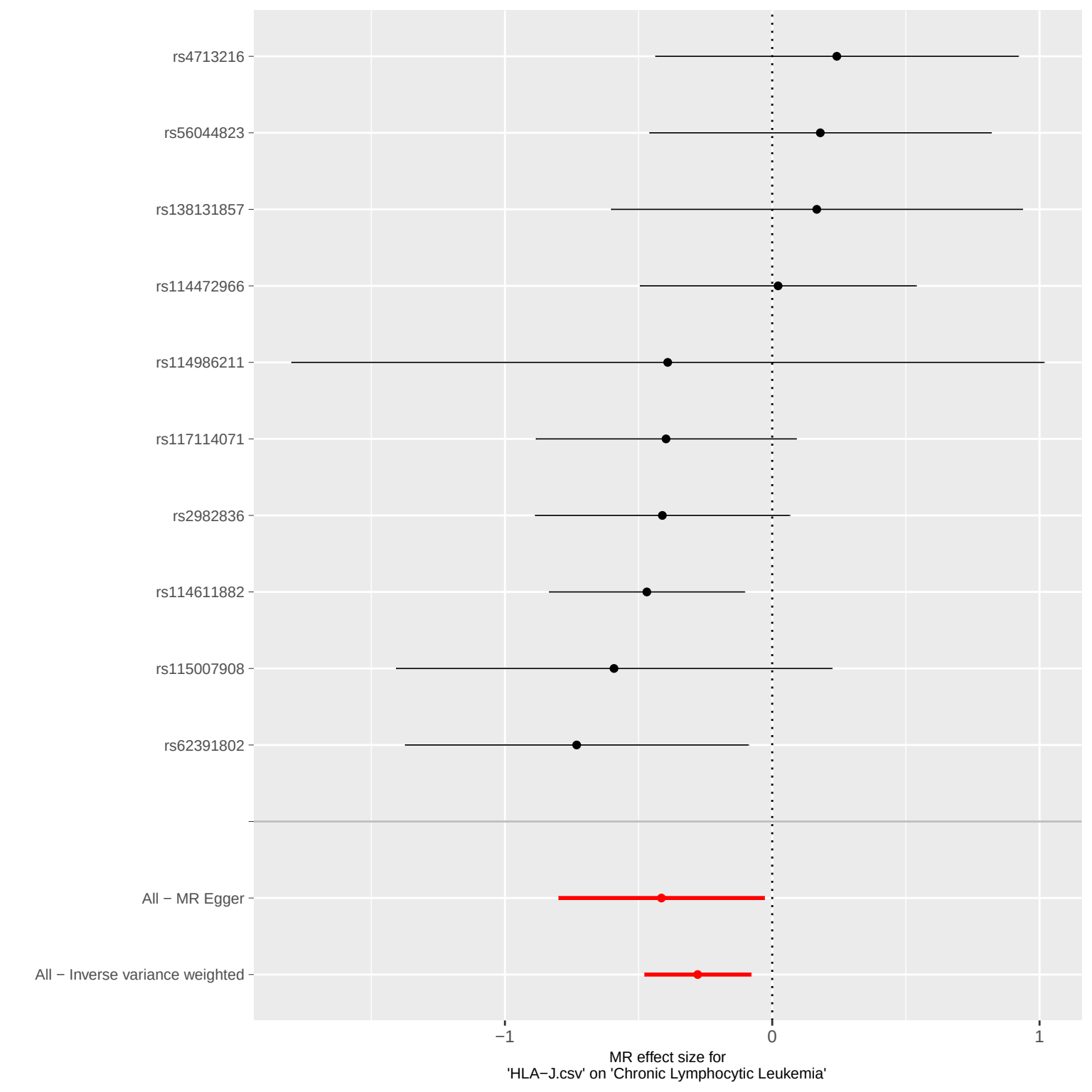
MR effect size for
'HLA−F−AS1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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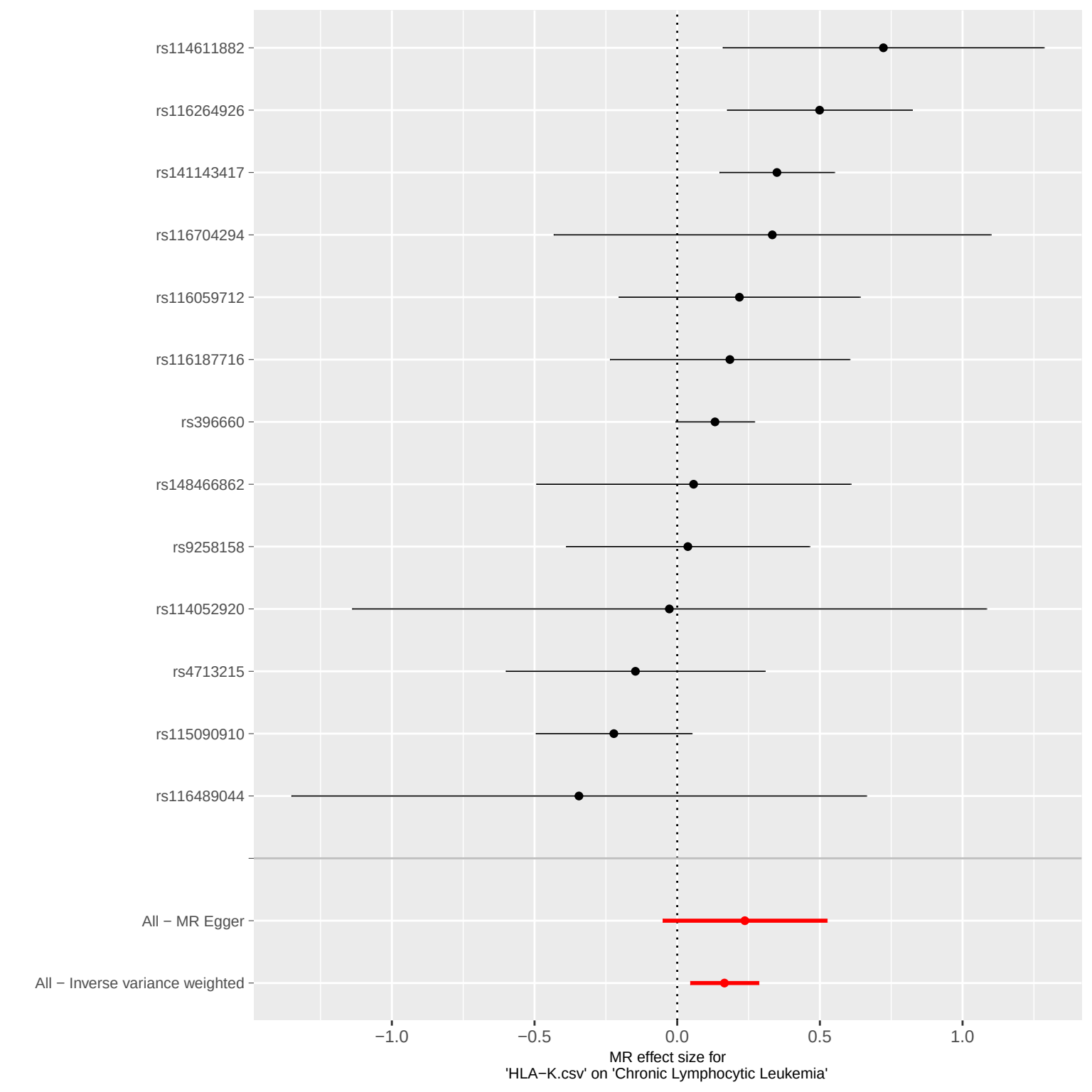
MR effect size for
'HLA−J.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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0.5
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MR effect size for
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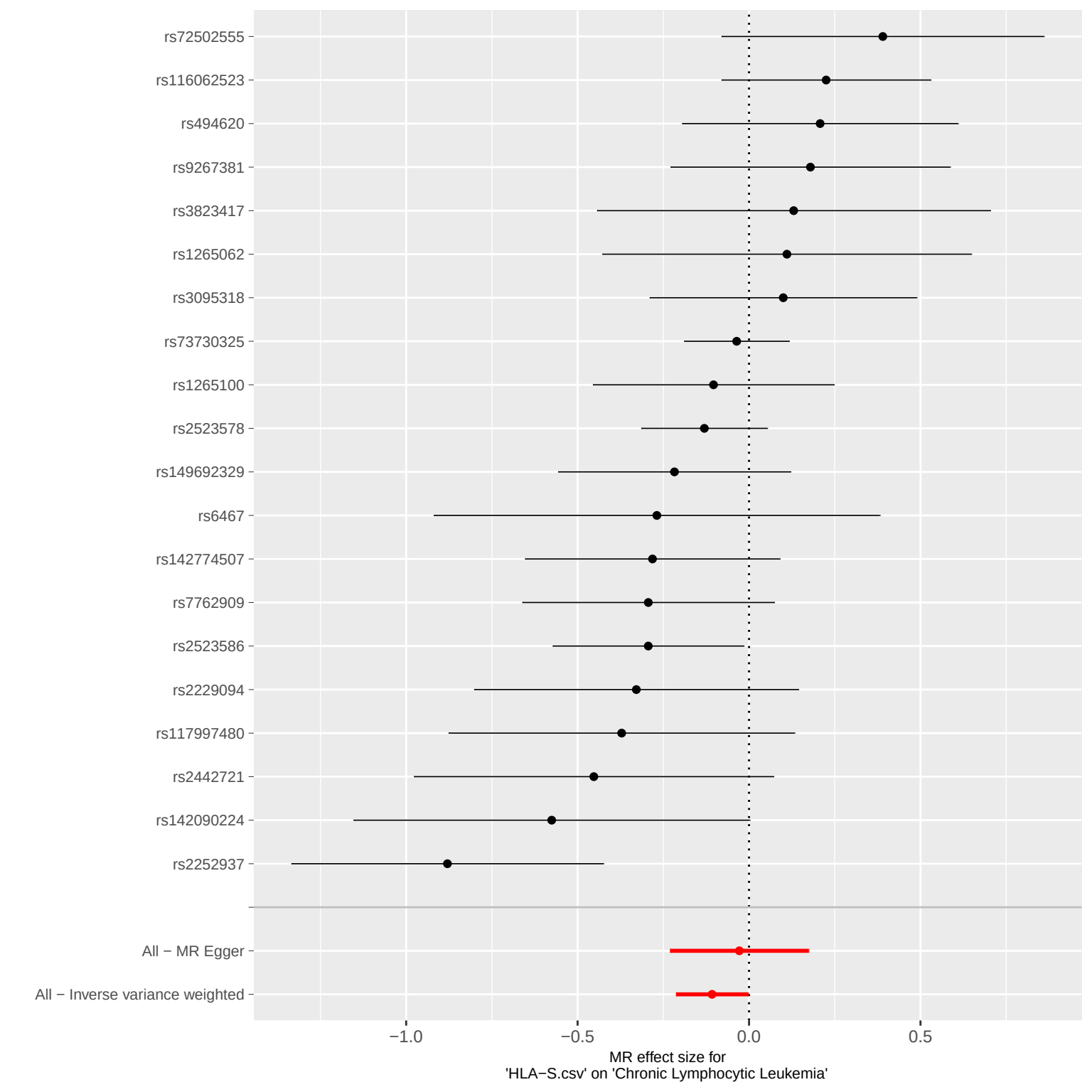
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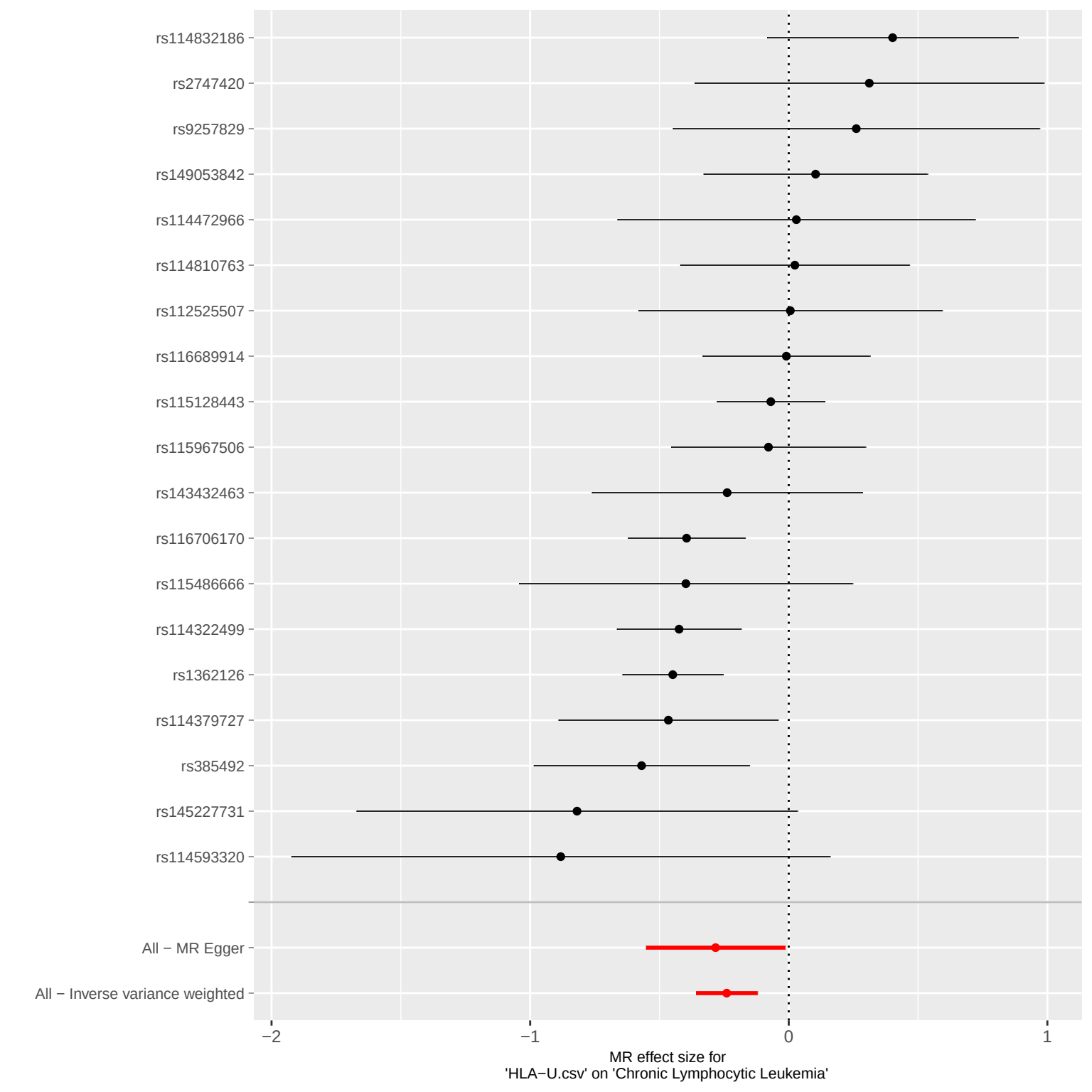
MR effect size for
'HLA−S.csv' on 'Chronic Lymphocytic Leukemia'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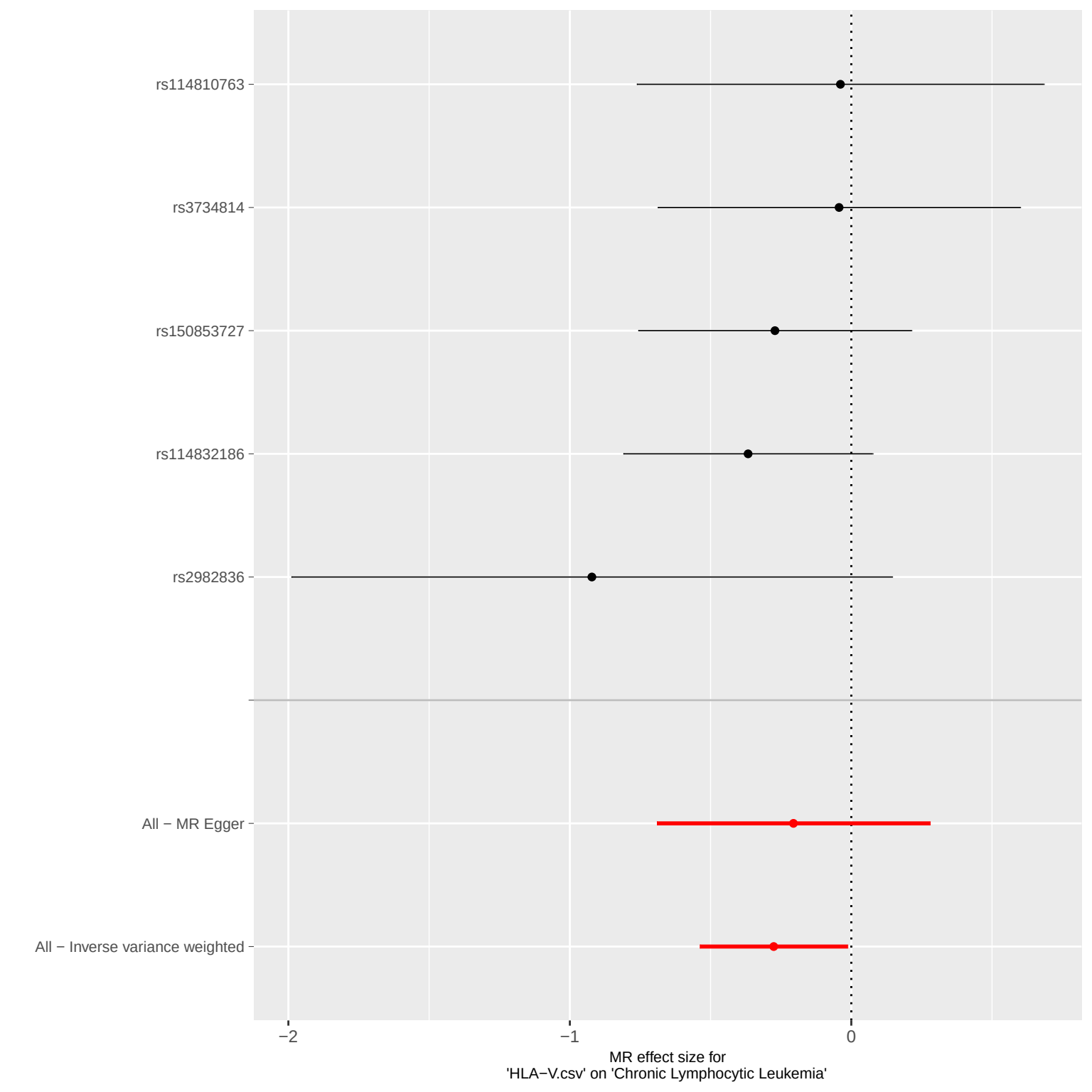
MR effect size for
'HLA−U.csv' on 'Chronic Lymphocytic Leukemia'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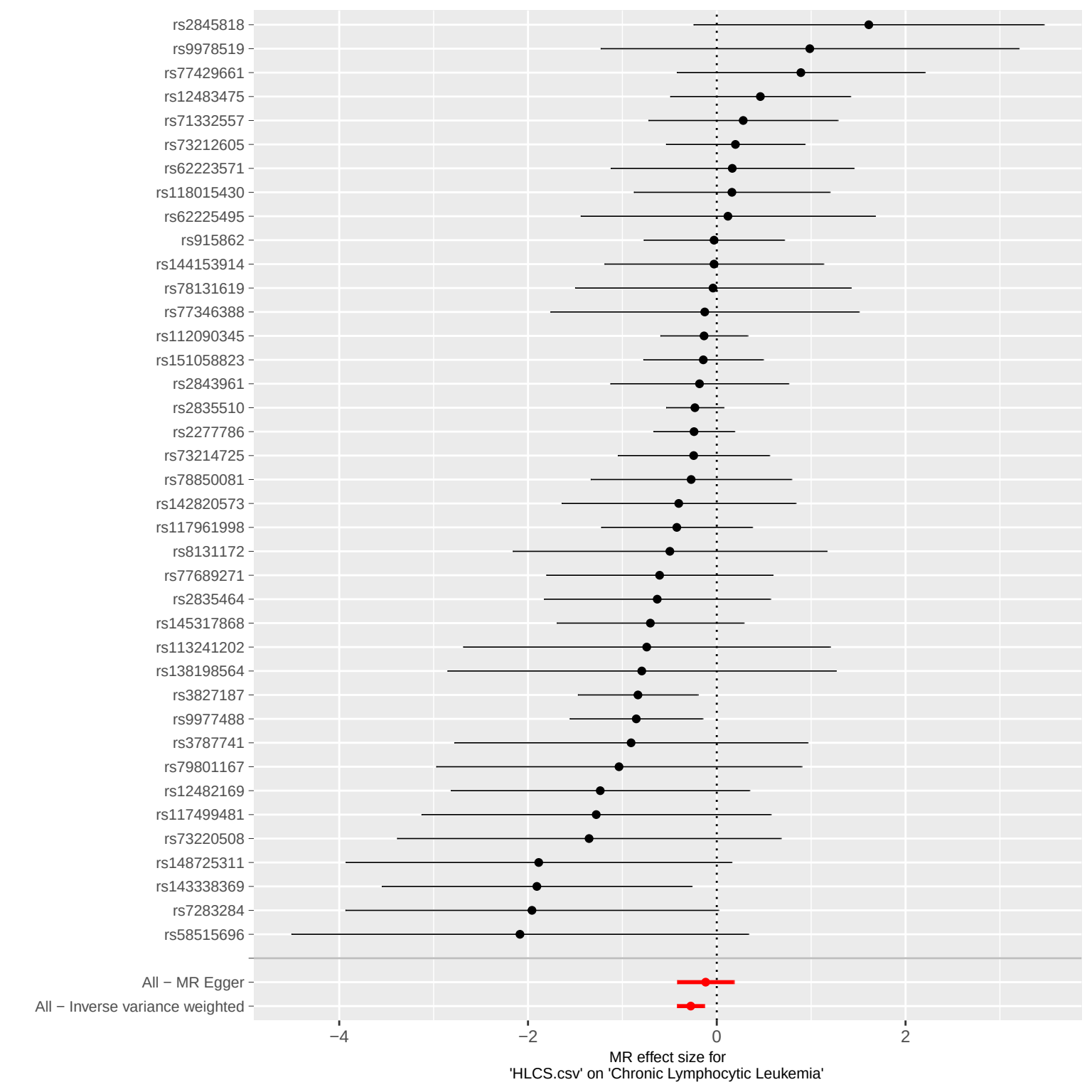
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MR effect size for
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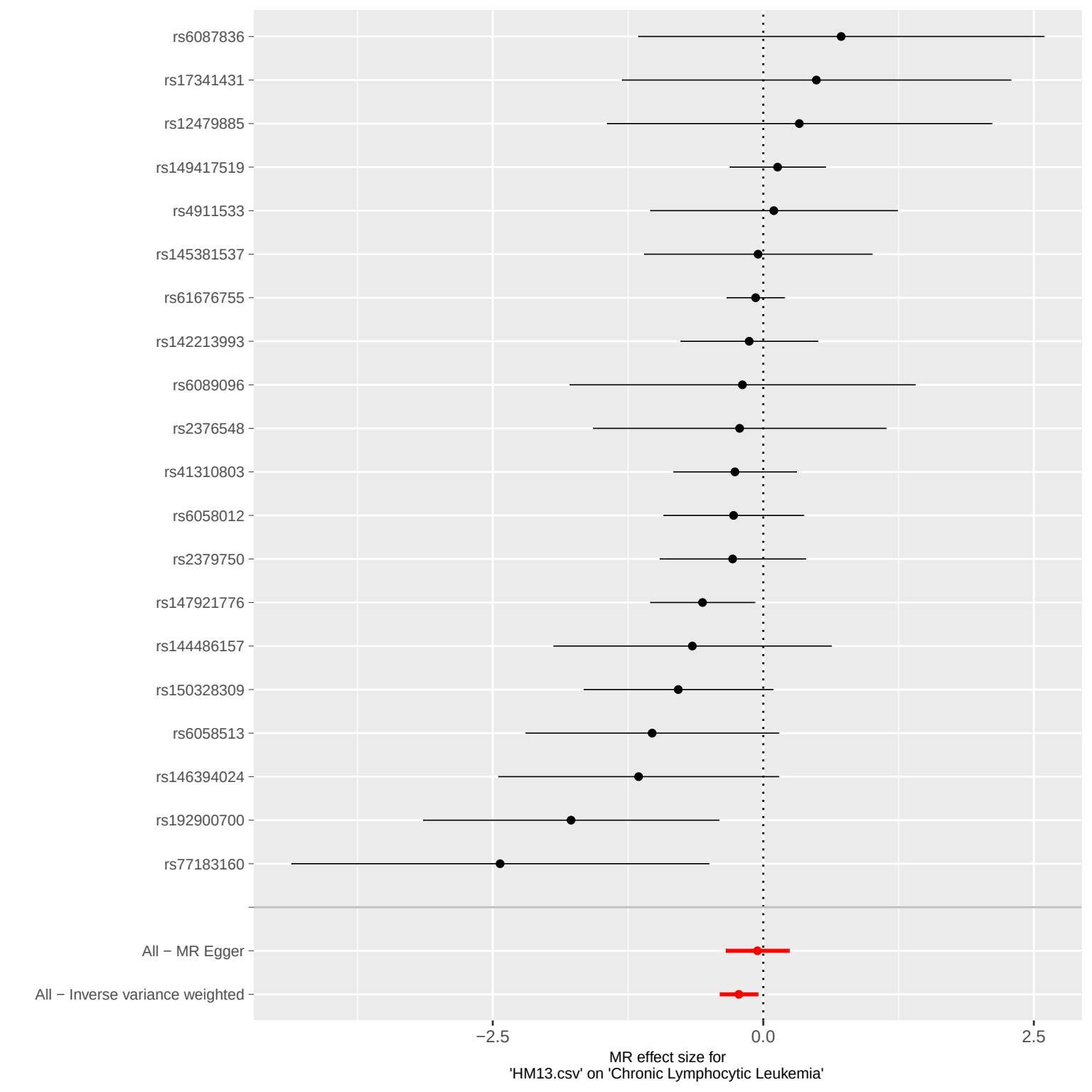
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MR effect size for
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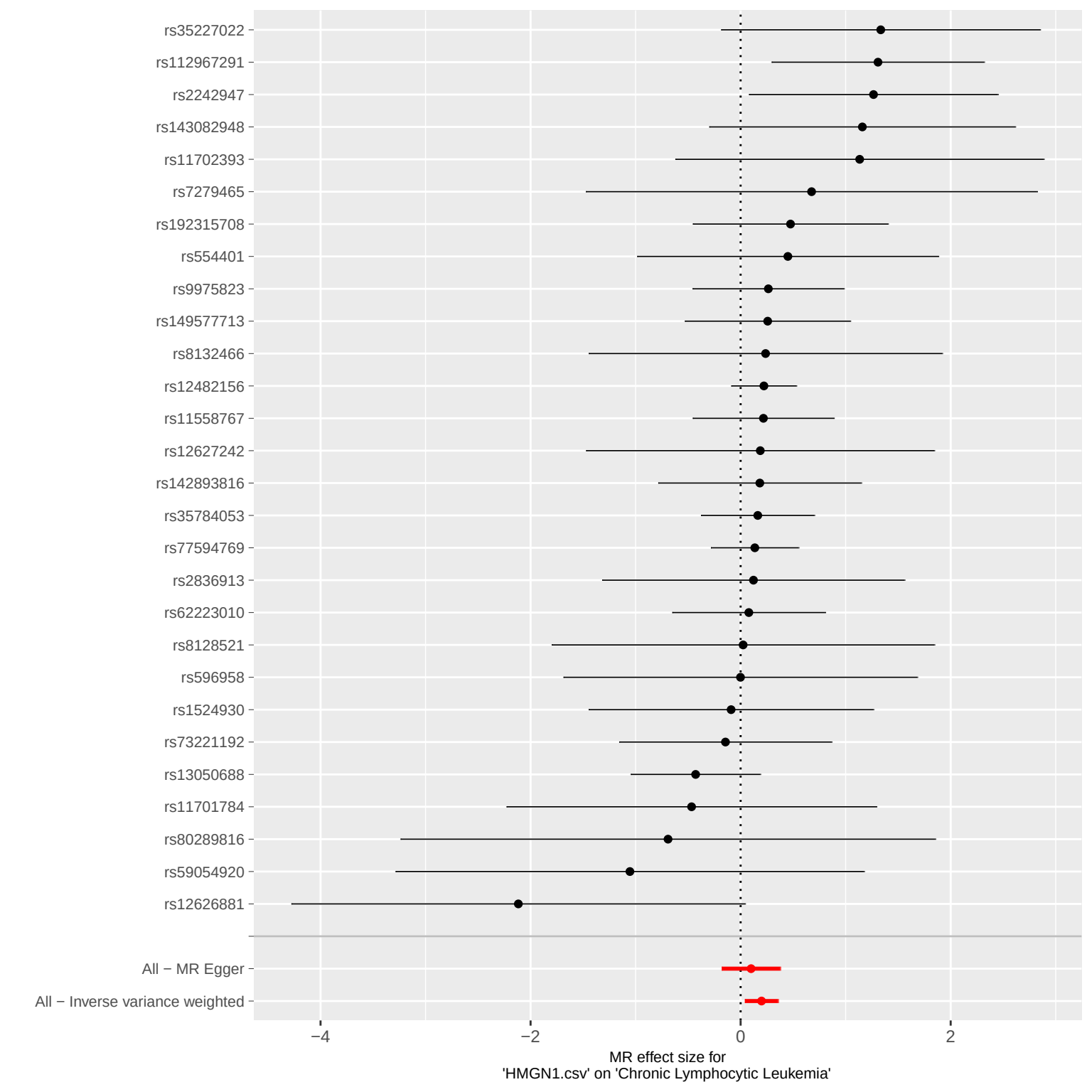
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MR effect size for
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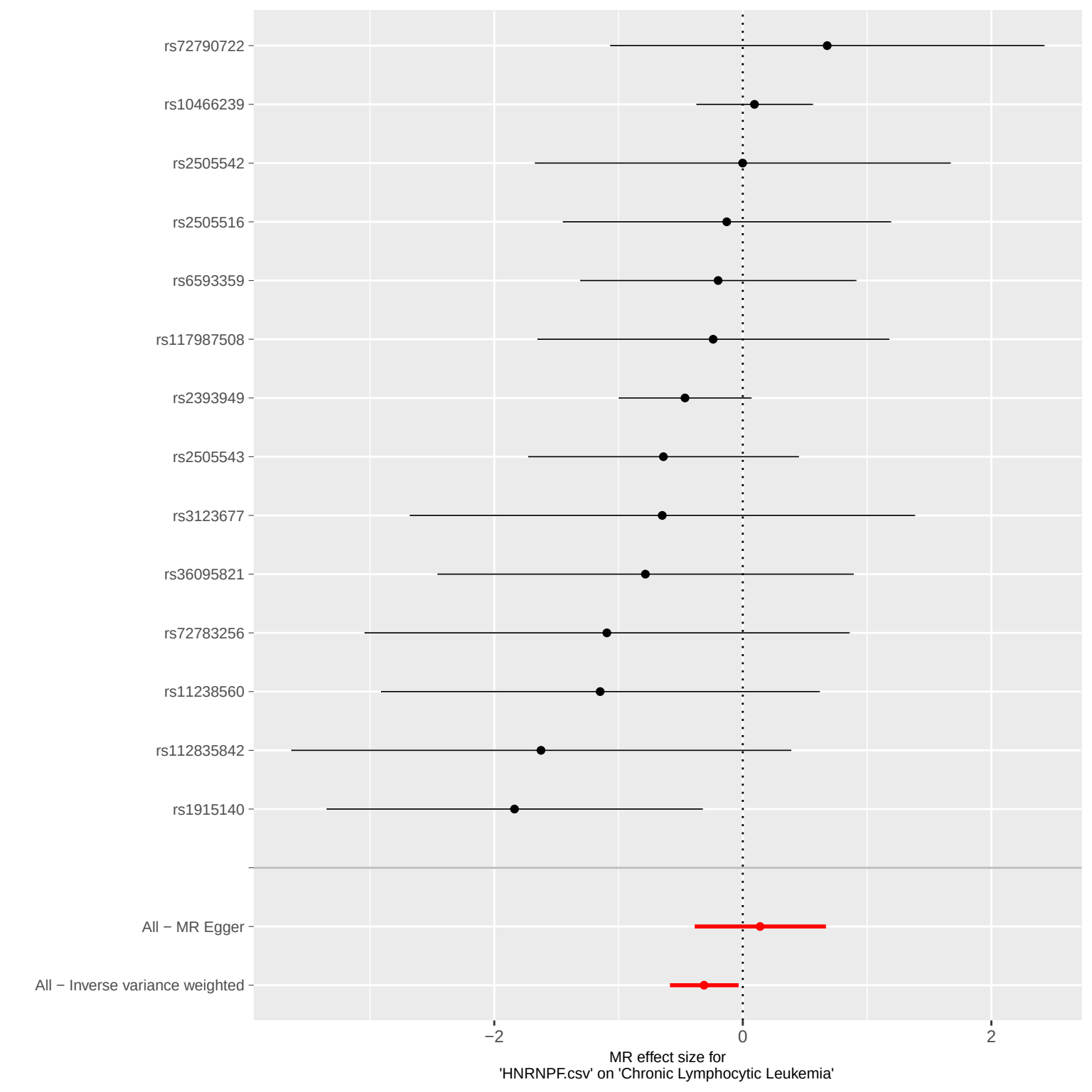
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All − Inverse variance weighted
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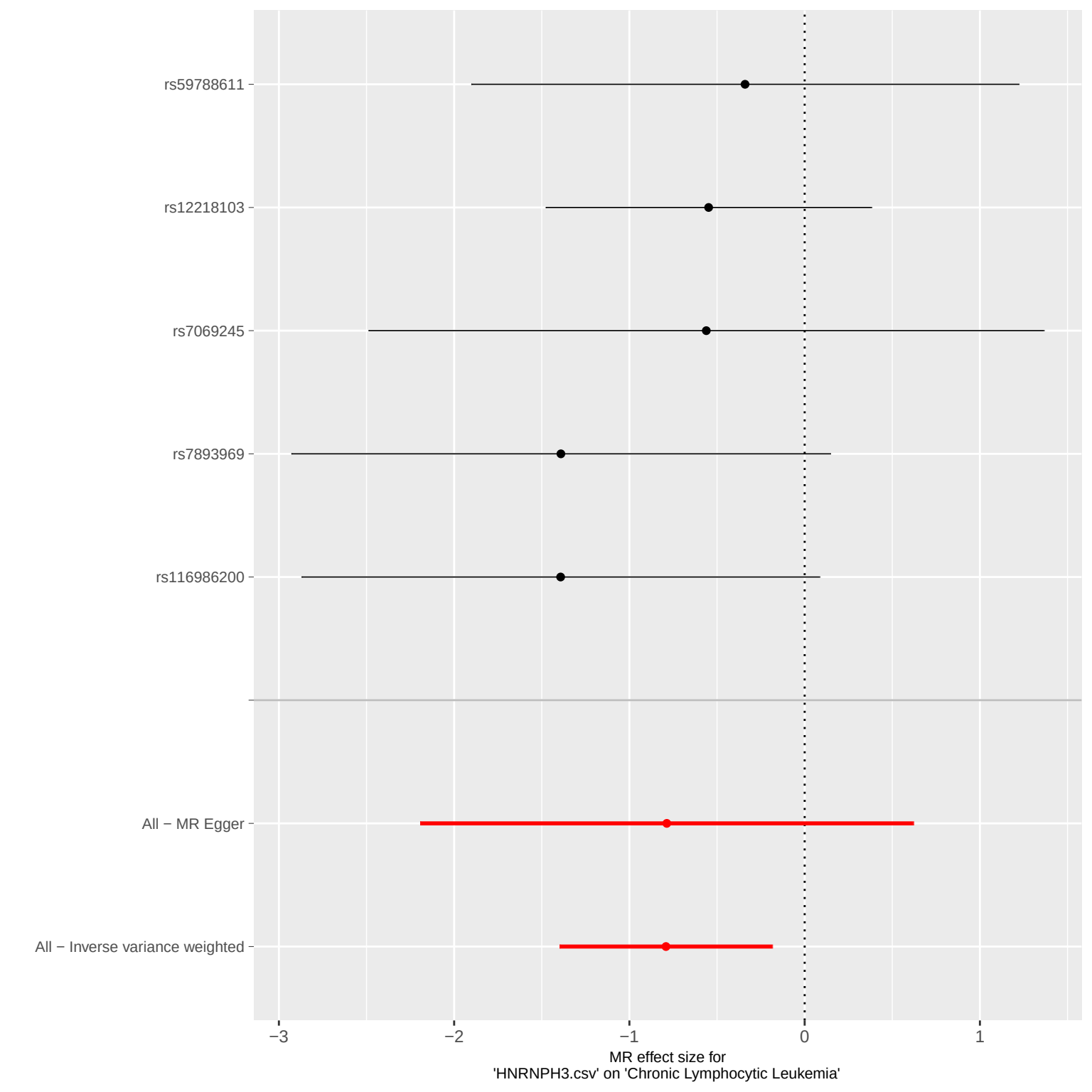
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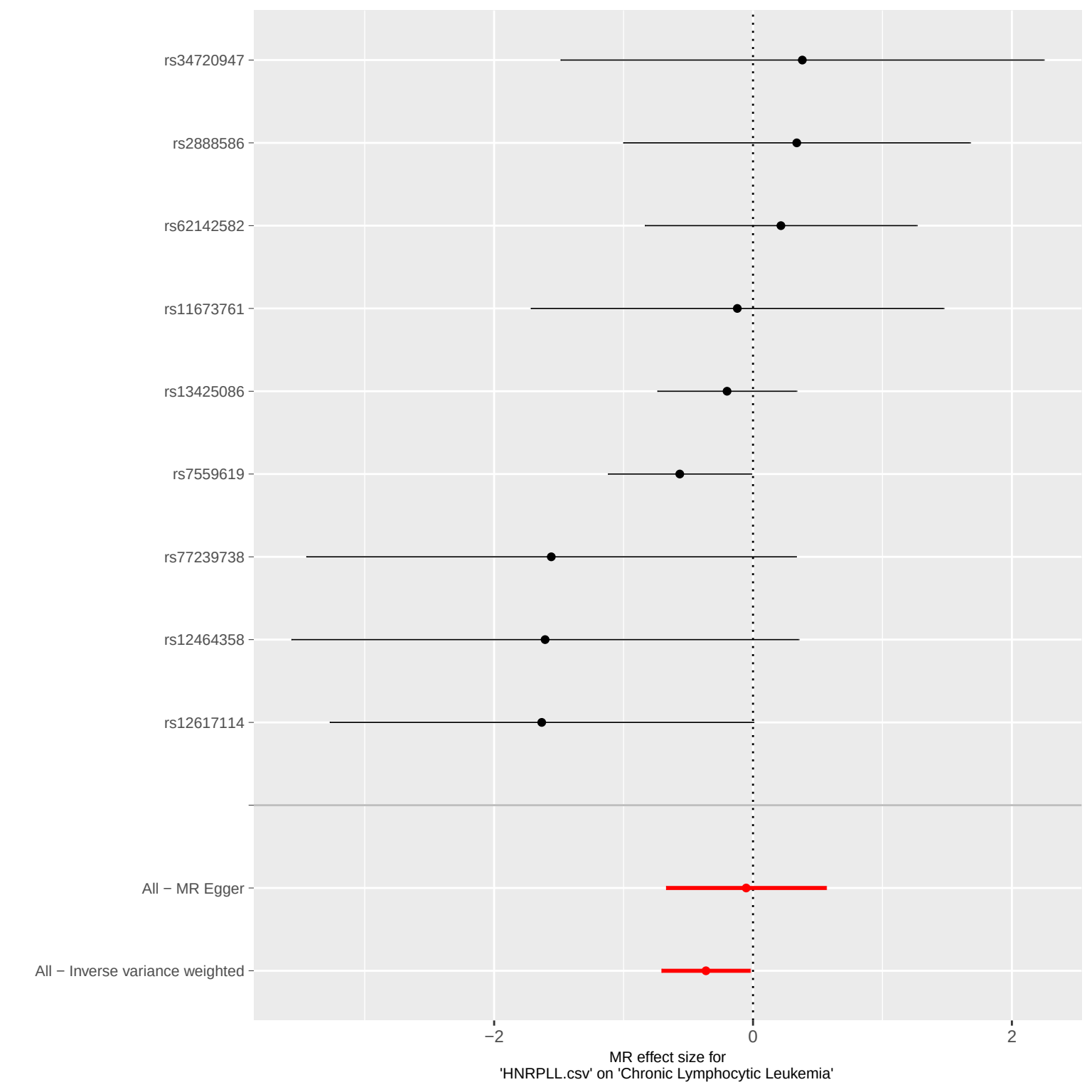
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All − Inverse variance weighted
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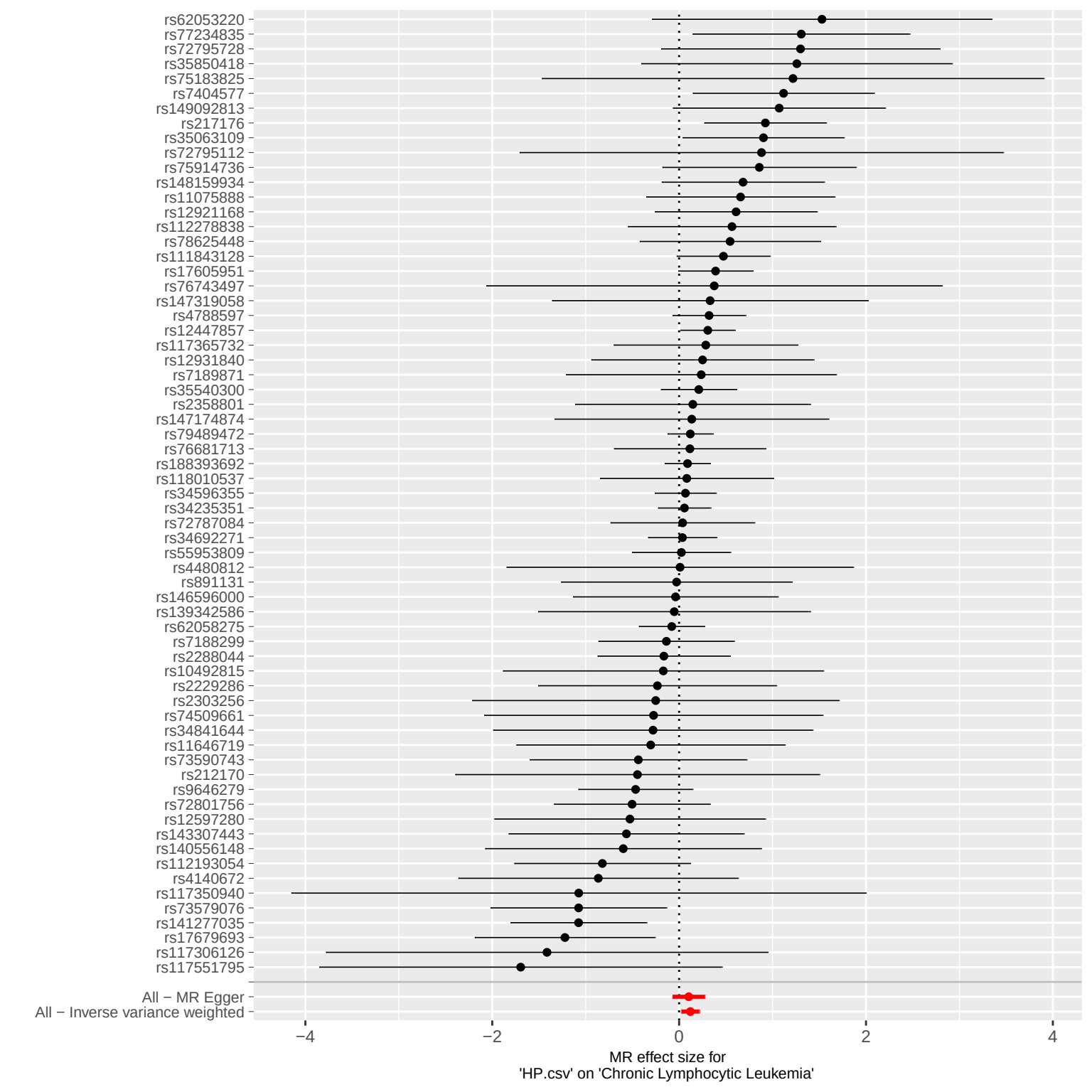
MR effect size for
'HNRPLL.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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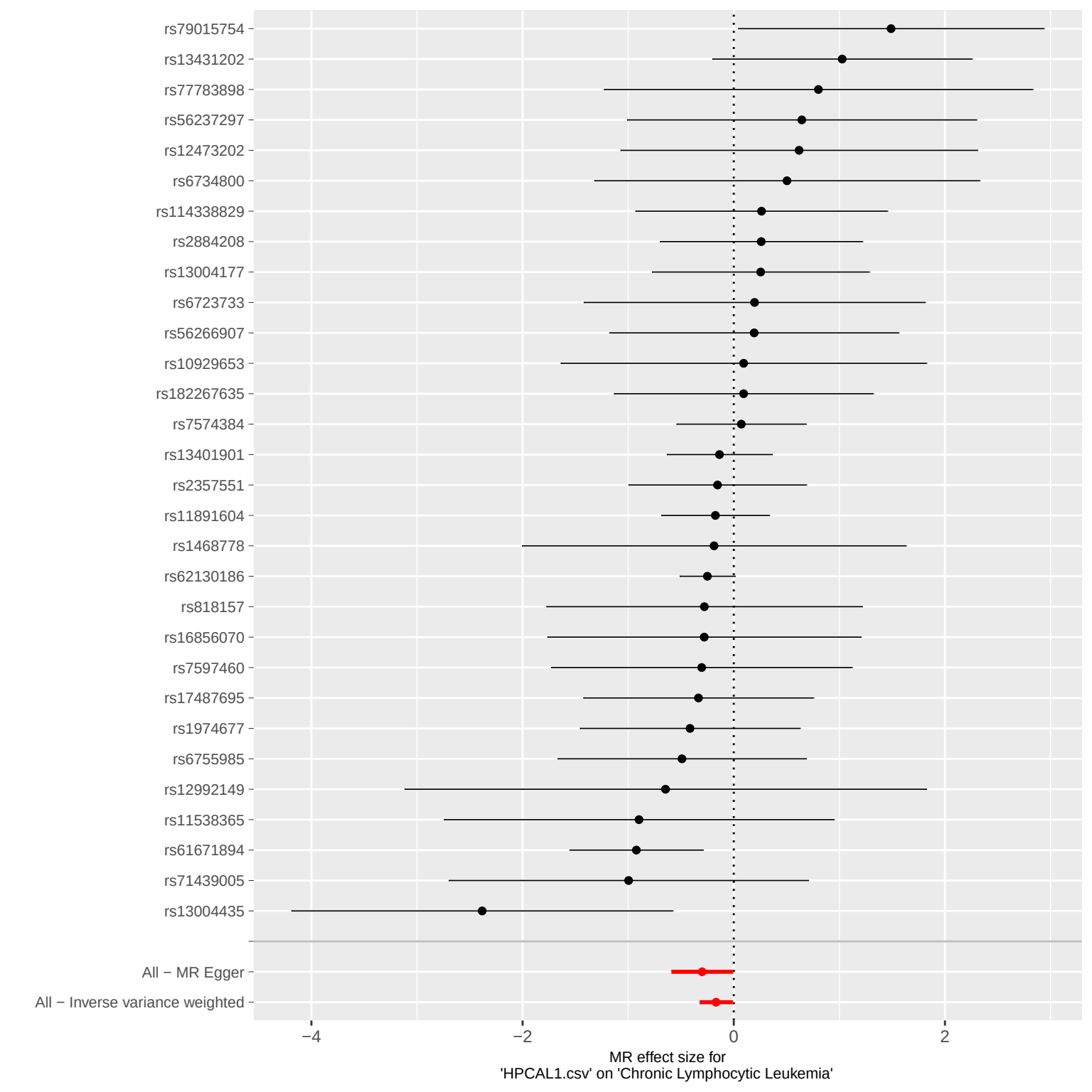
4
MR effect size for
'HP.csv' on 'Chronic Lymphocytic Leukemia'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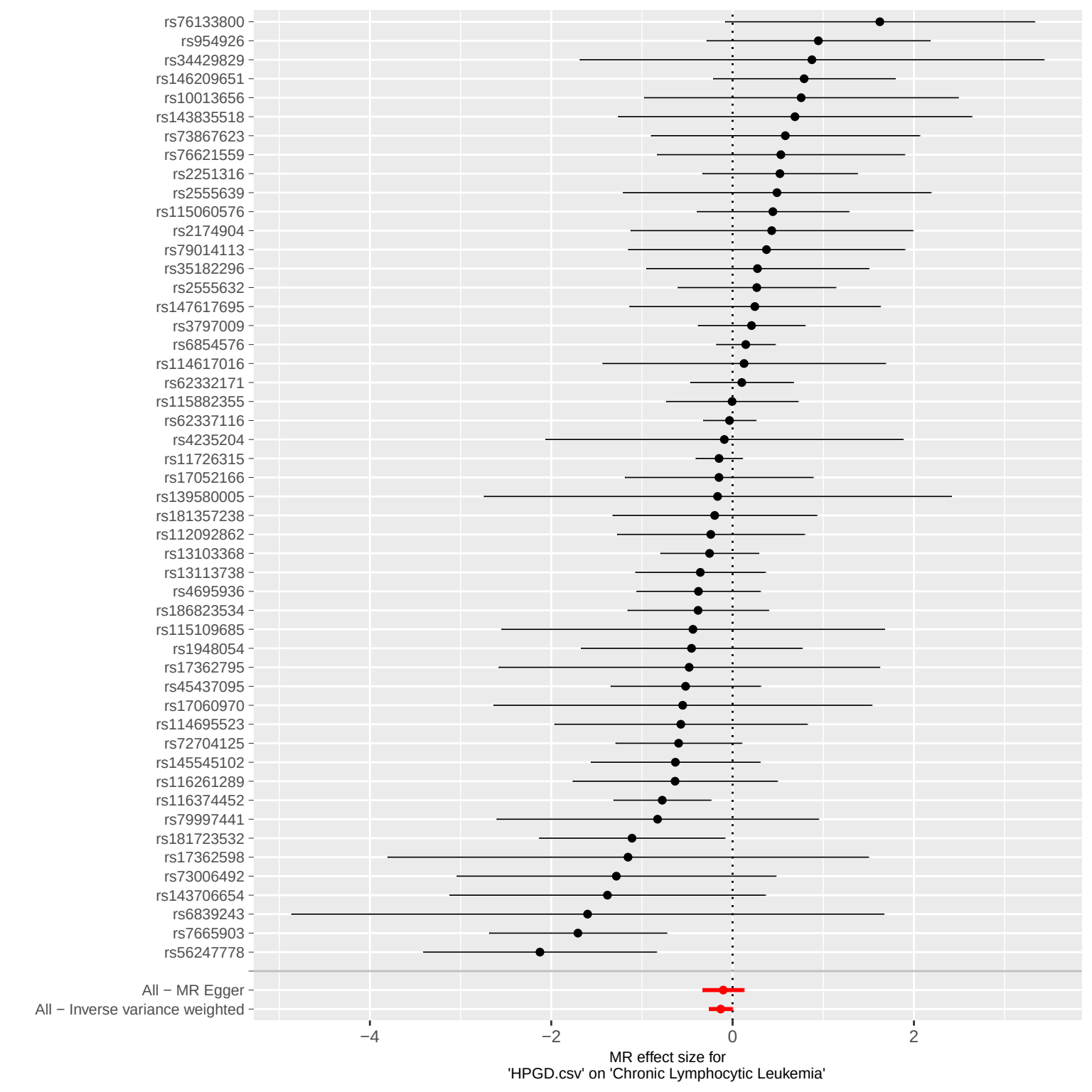
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'HPCAL1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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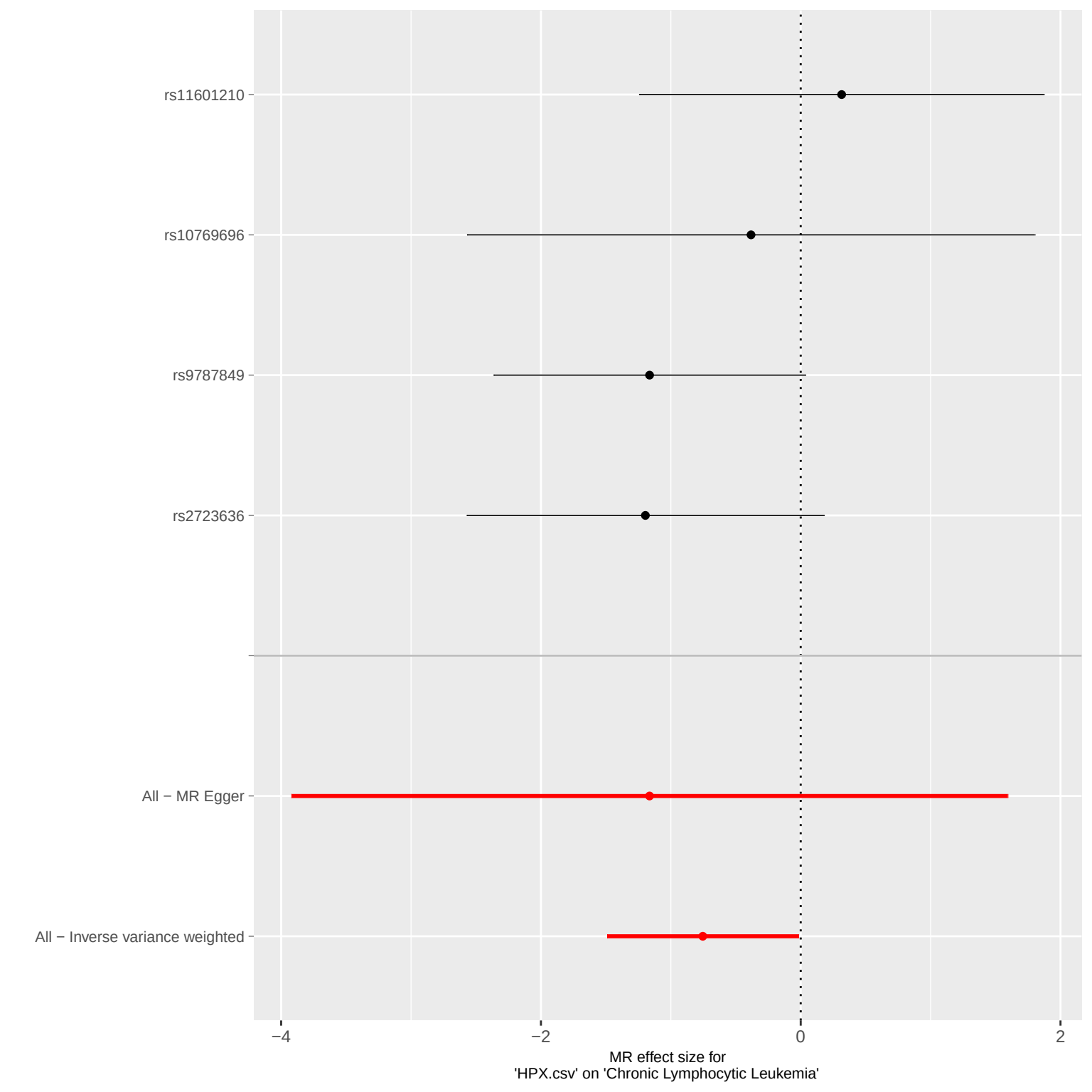
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All − Inverse variance weighted
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−2
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MR effect size for
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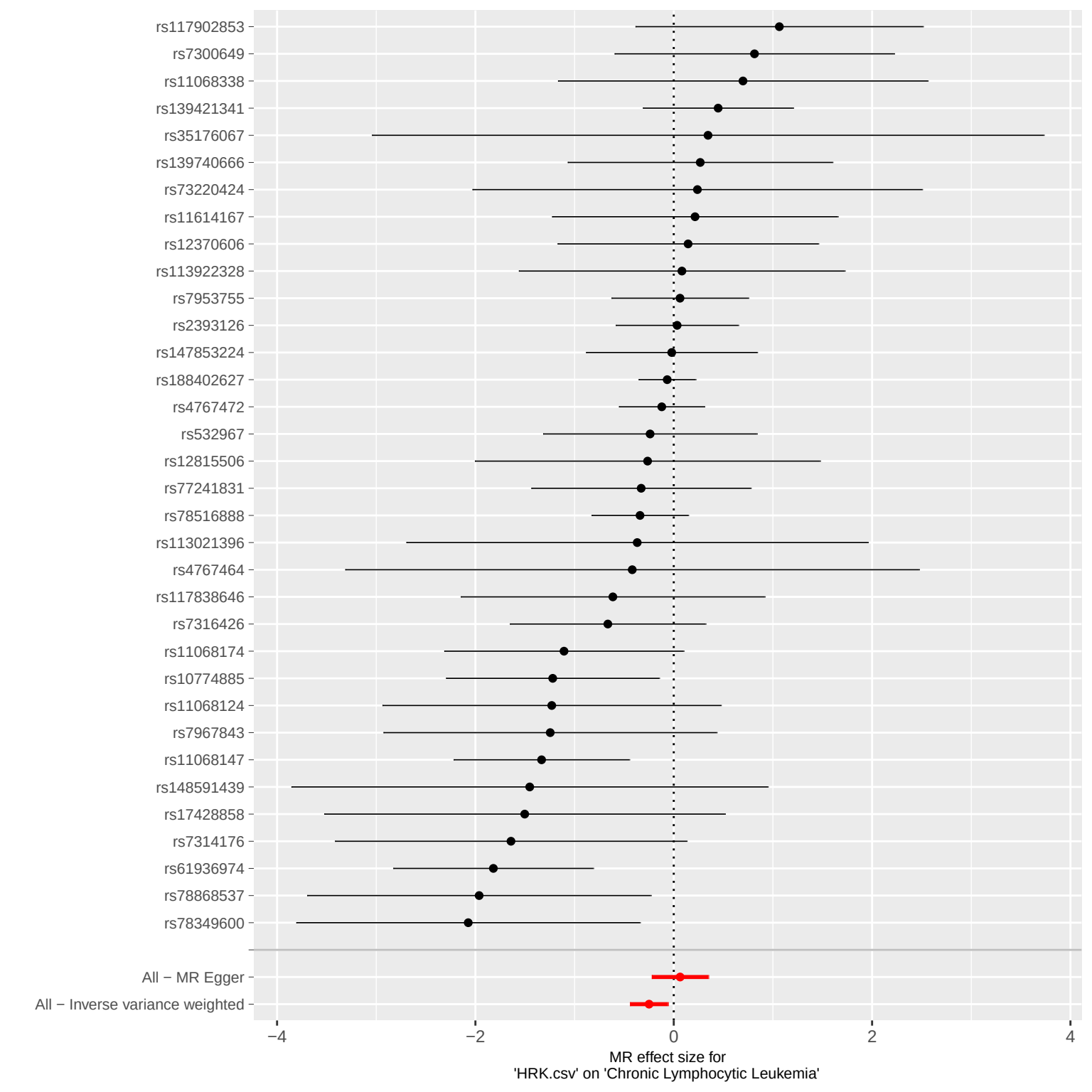
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All − MR Egger
All − Inverse variance weighted
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−2
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2
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MR effect size for
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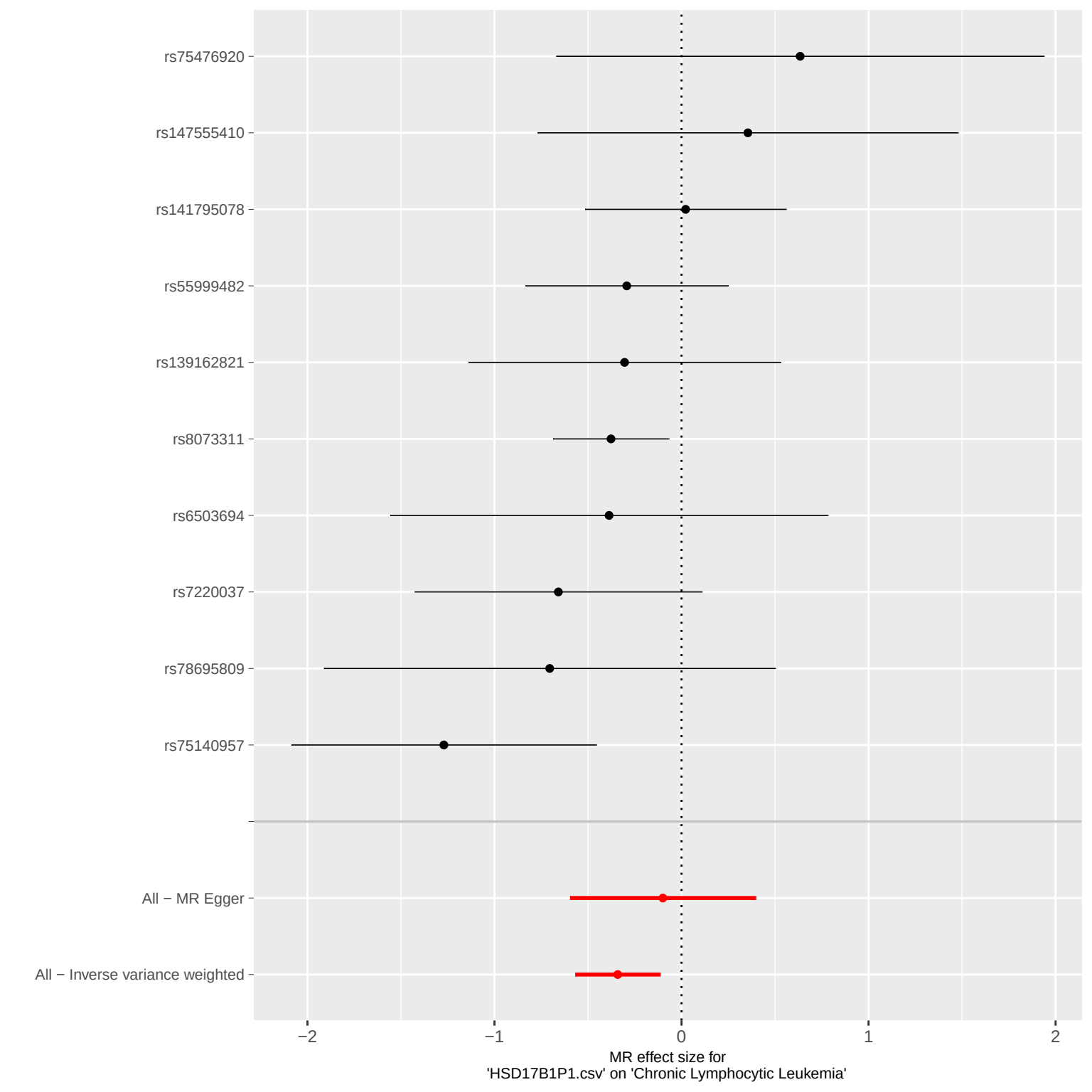
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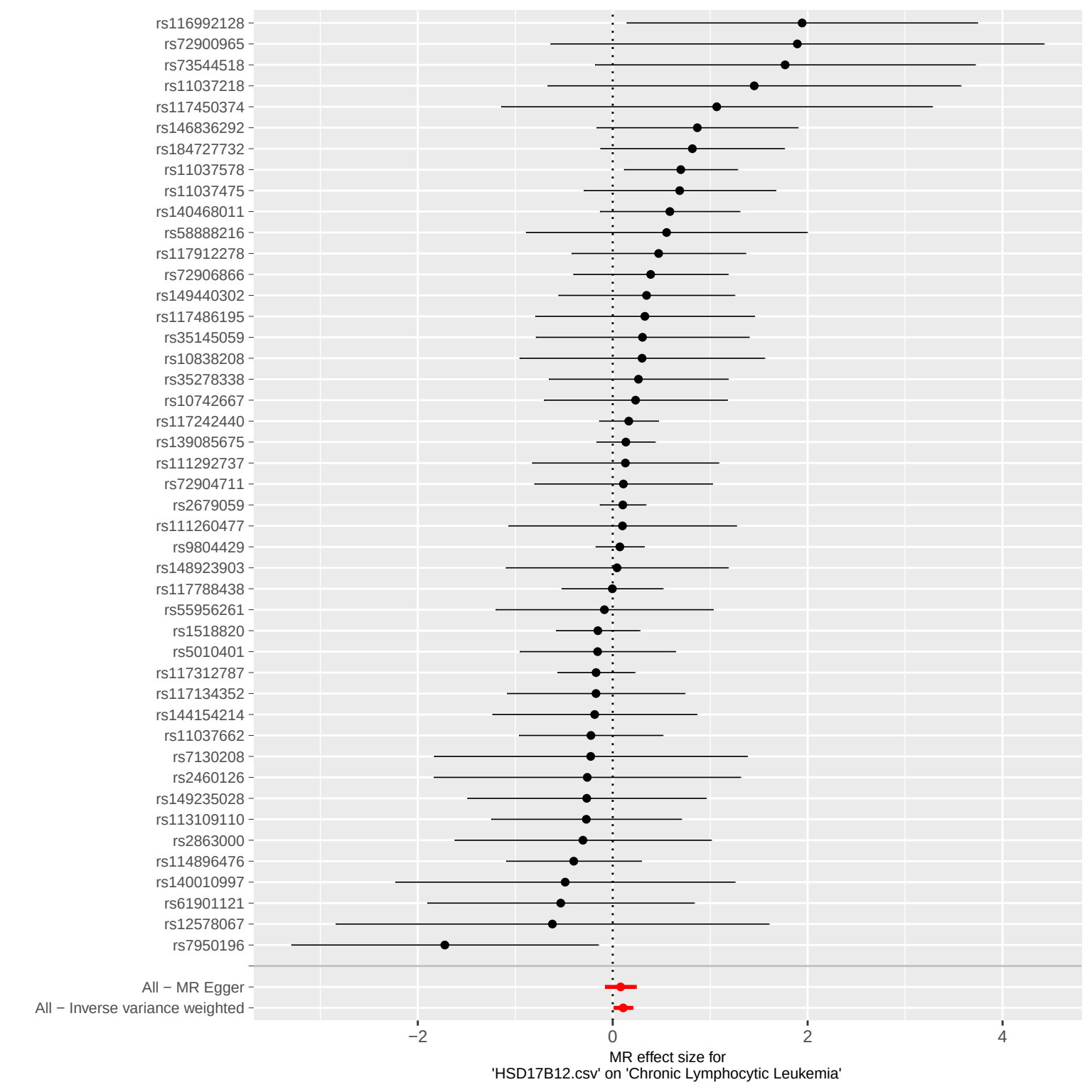
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'HSD17B1P1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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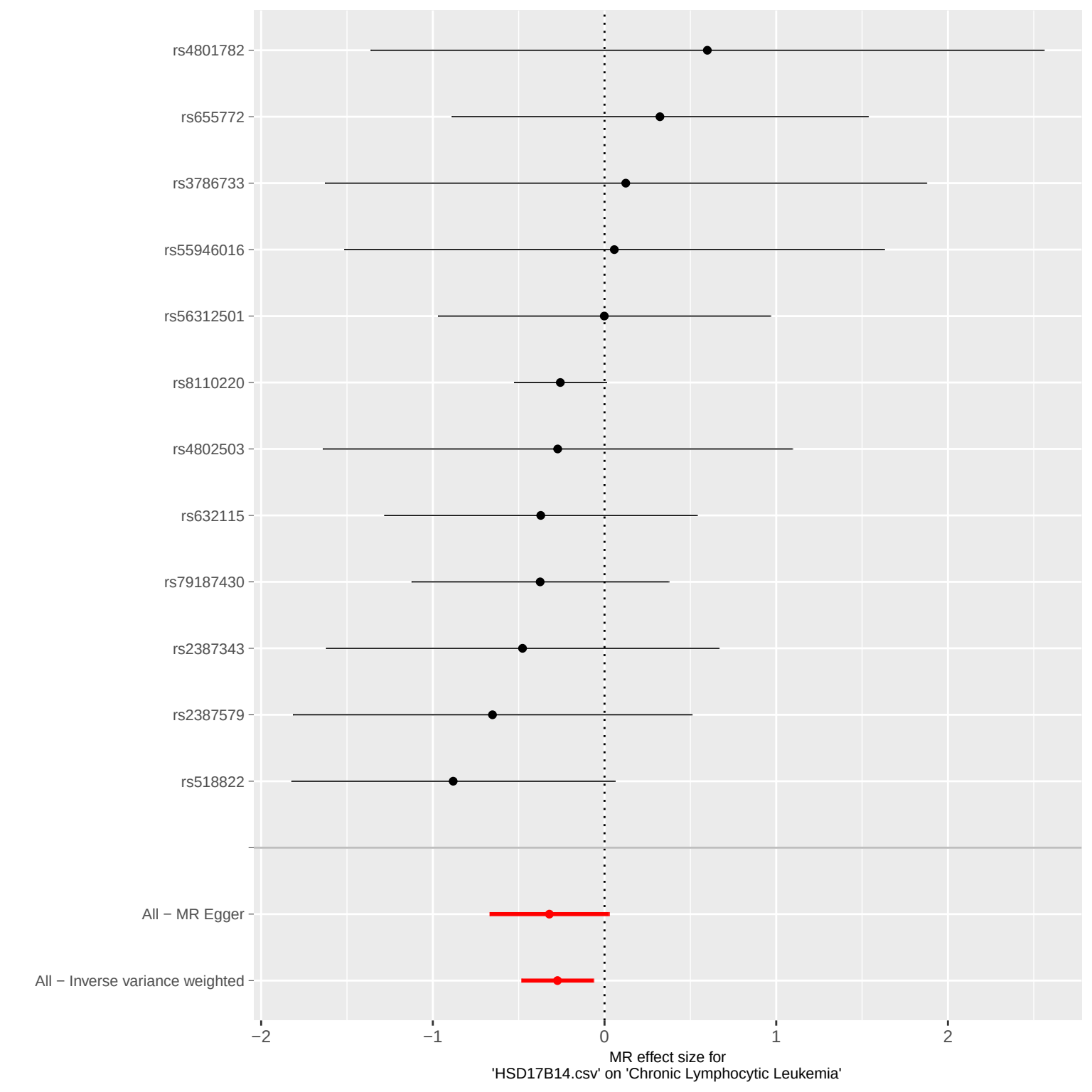
2
4
MR effect size for
'HSD17B12.csv' on 'Chronic Lymphocytic Leukemia'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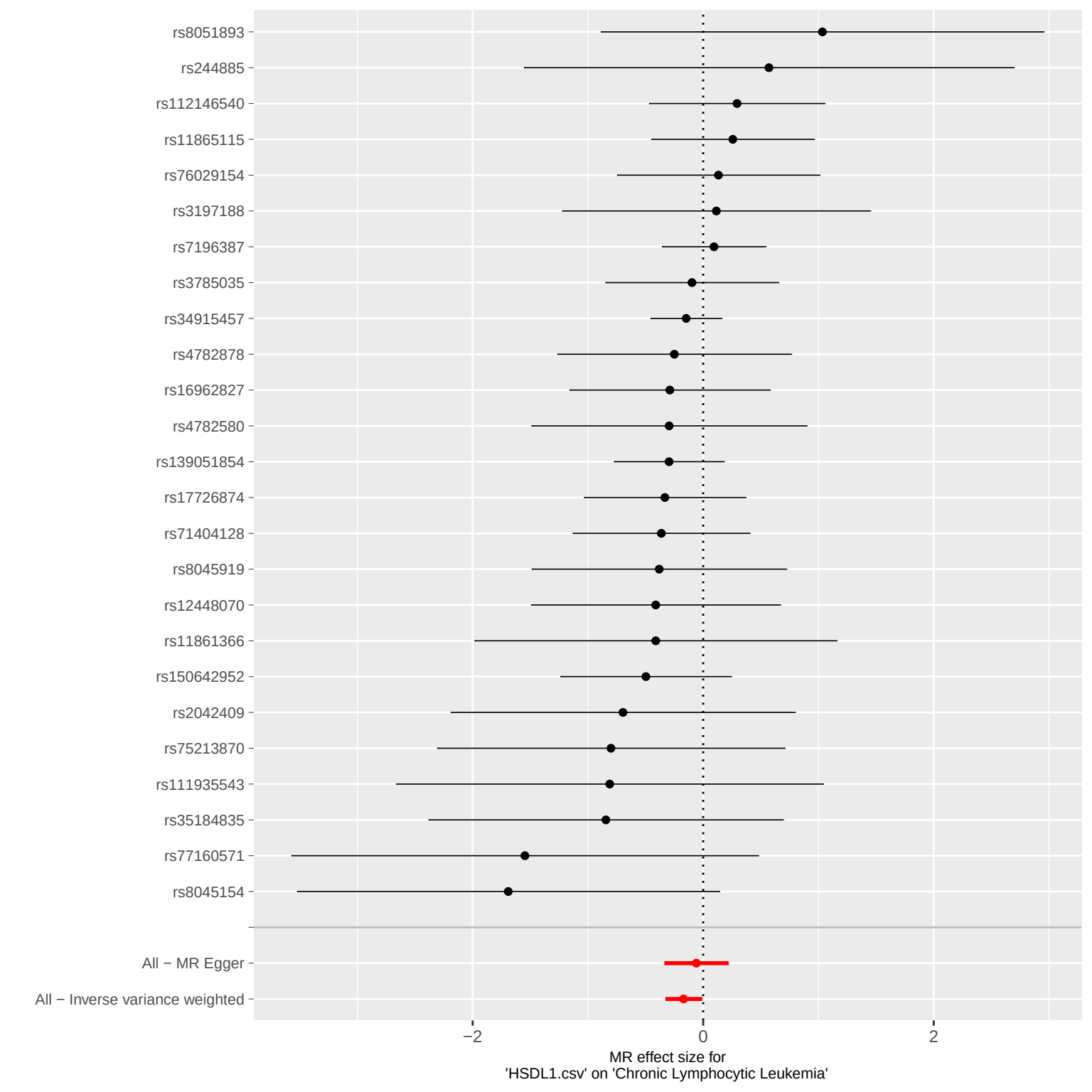
rs3786733
rs55946016
rs56312501
rs8110220
rs4802503
rs632115
rs79187430
rs2387343
rs2387579
rs518822
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'HSD17B14.csv' on 'Chronic Lymphocytic Leukemia'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rs34915457
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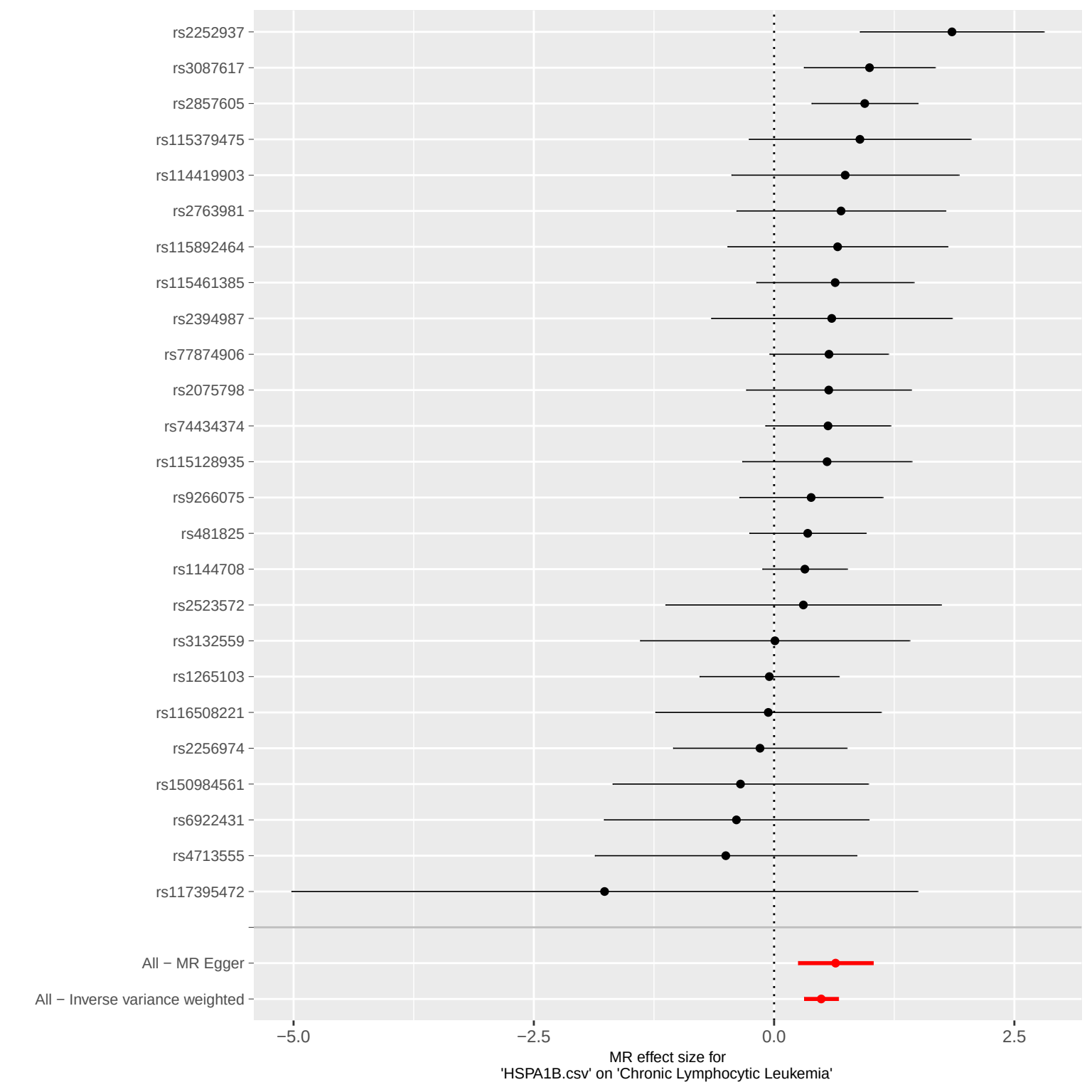
rs16962827
rs4782580
rs139051854
rs17726874
rs71404128
rs8045919
rs12448070
rs11861366
rs150642952
rs2042409
rs75213870
rs111935543
rs35184835
rs77160571
rs8045154
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'HSDL1.csv' on 'Chronic Lymphocytic Leukemia'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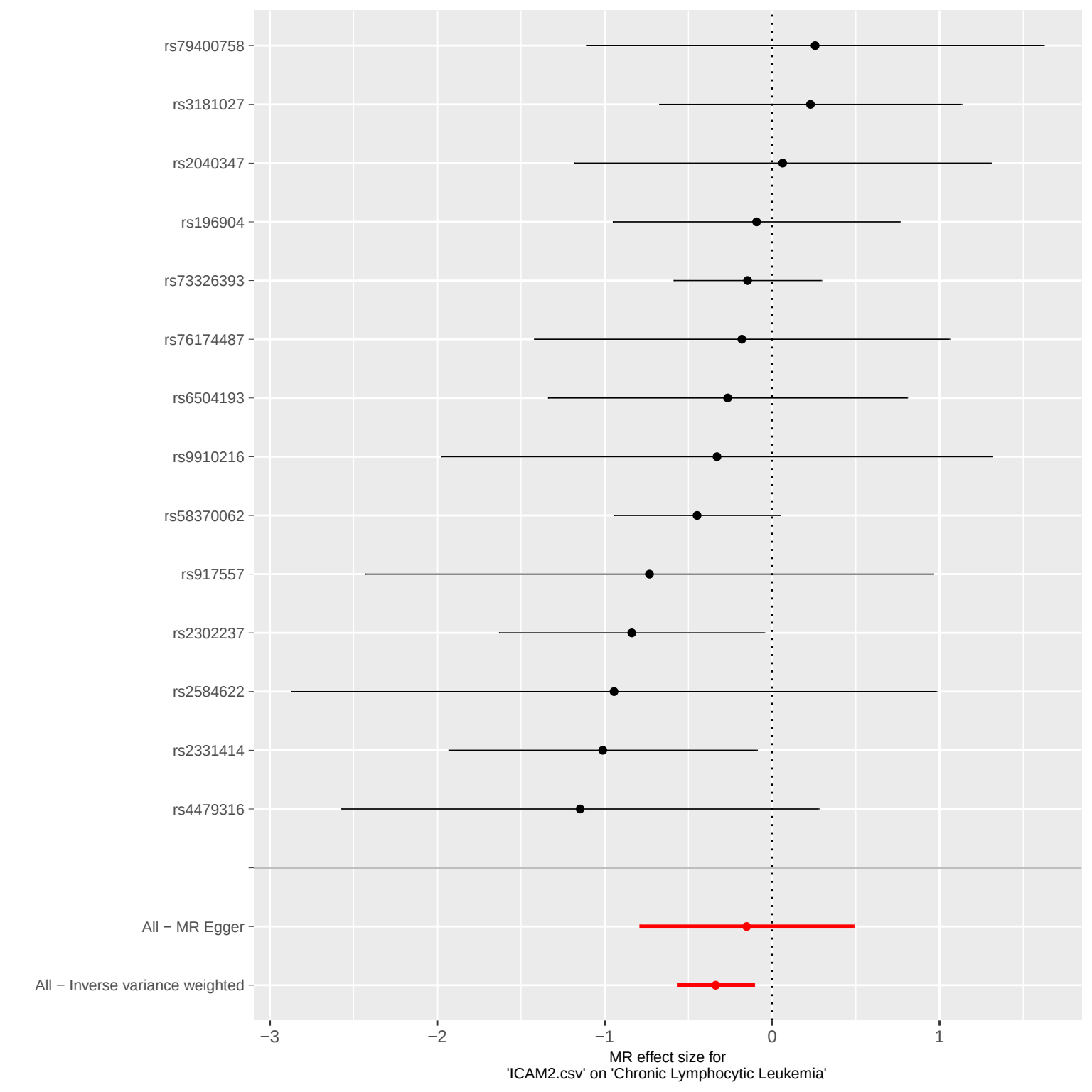
rs115128935
rs9266075
rs481825
rs1144708
rs2523572
rs3132559
rs1265103
rs116508221
rs2256974
rs150984561
rs6922431
rs4713555
rs117395472
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'HSPA1B.csv' on 'Chronic Lymphocytic Leukemia'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rs73326393
rs76174487
rs6504193
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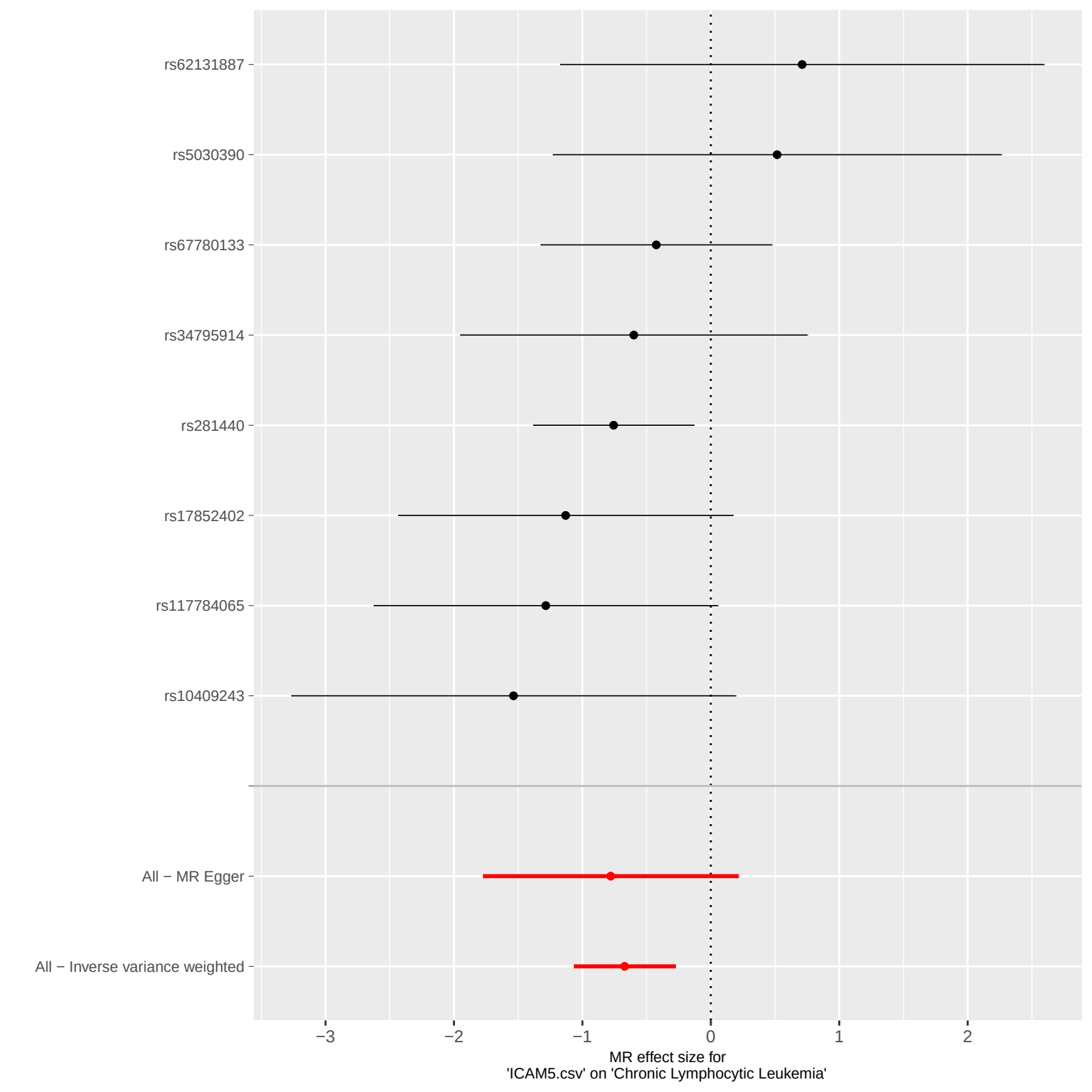
rs58370062
rs917557
rs2302237
rs2584622
rs2331414
rs4479316
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'ICAM2.csv' on 'Chronic Lymphocytic Leukemia'


rs62131887
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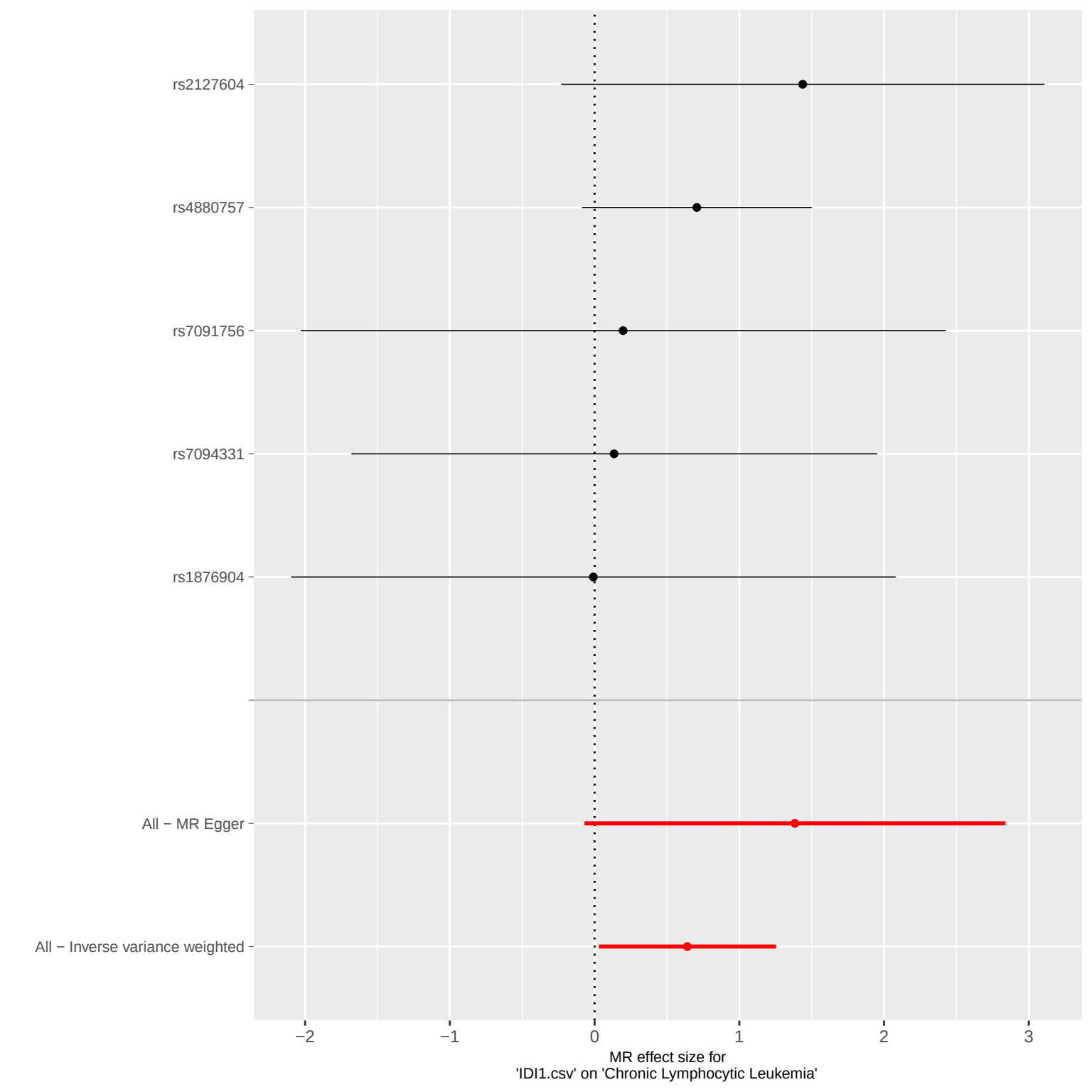
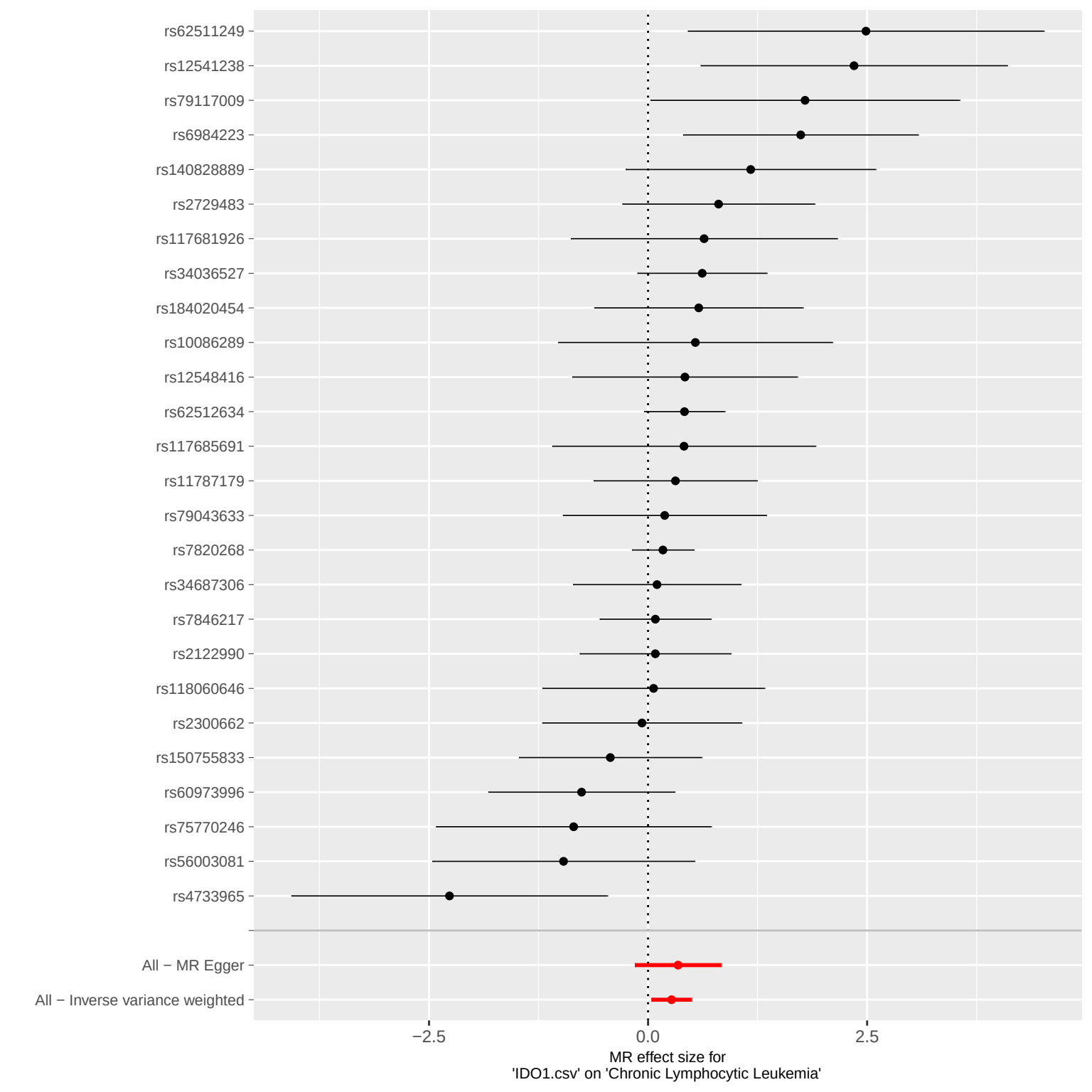
rs67780133
rs34795914
rs281440
rs17852402
rs117784065
rs10409243
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ICAM5.csv' on 'Chronic Lymphocytic Leukemia'


rs2127604
rs4880757
rs7091756
rs7094331
rs1876904
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'IDI1.csv' on 'Chronic Lymphocytic Leukemia'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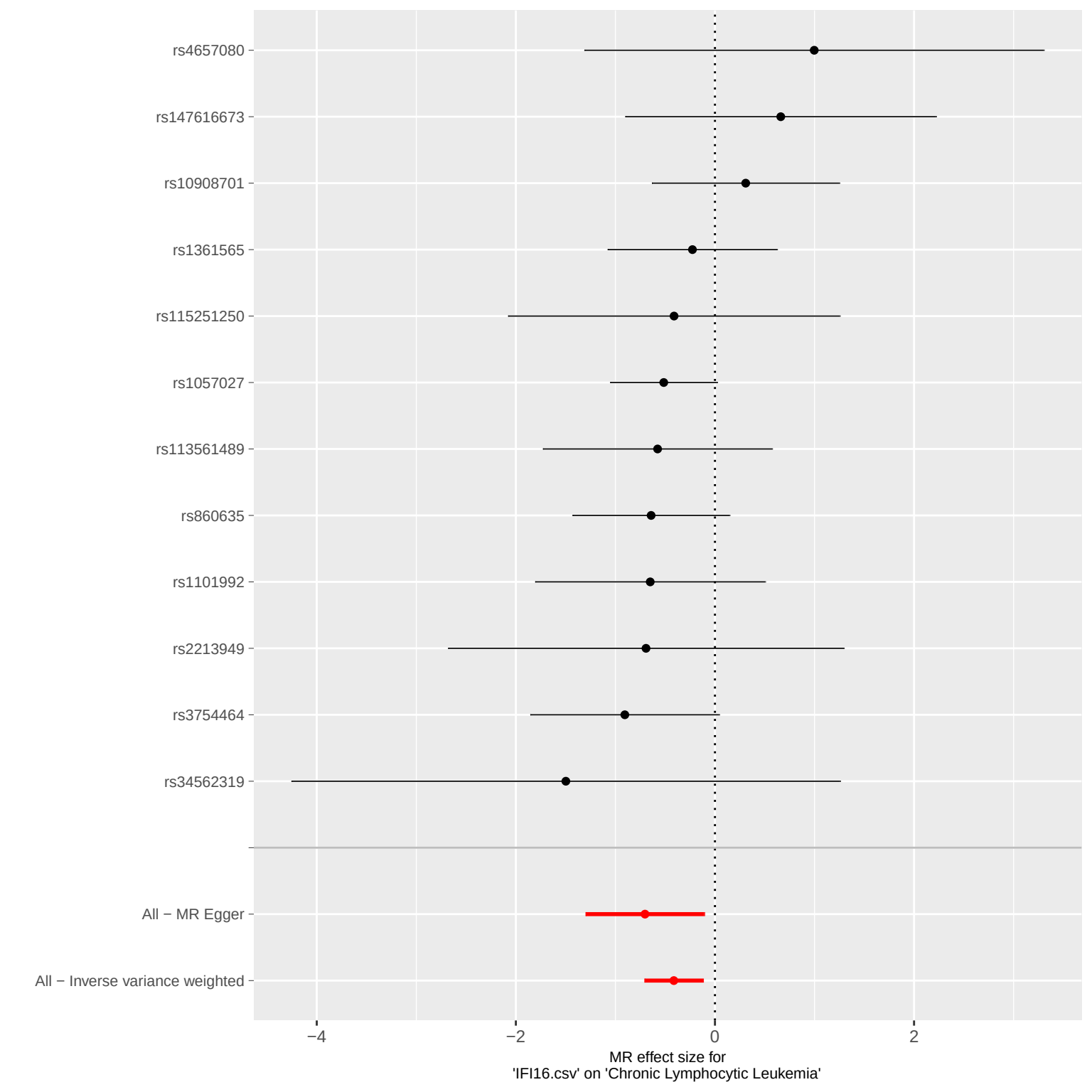
rs11787179
rs79043633
rs7820268
rs34687306
rs7846217
rs2122990
rs118060646
rs2300662
rs150755833
rs60973996
rs75770246
rs56003081
rs4733965
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'IDO1.csv' on 'Chronic Lymphocytic Leukemia'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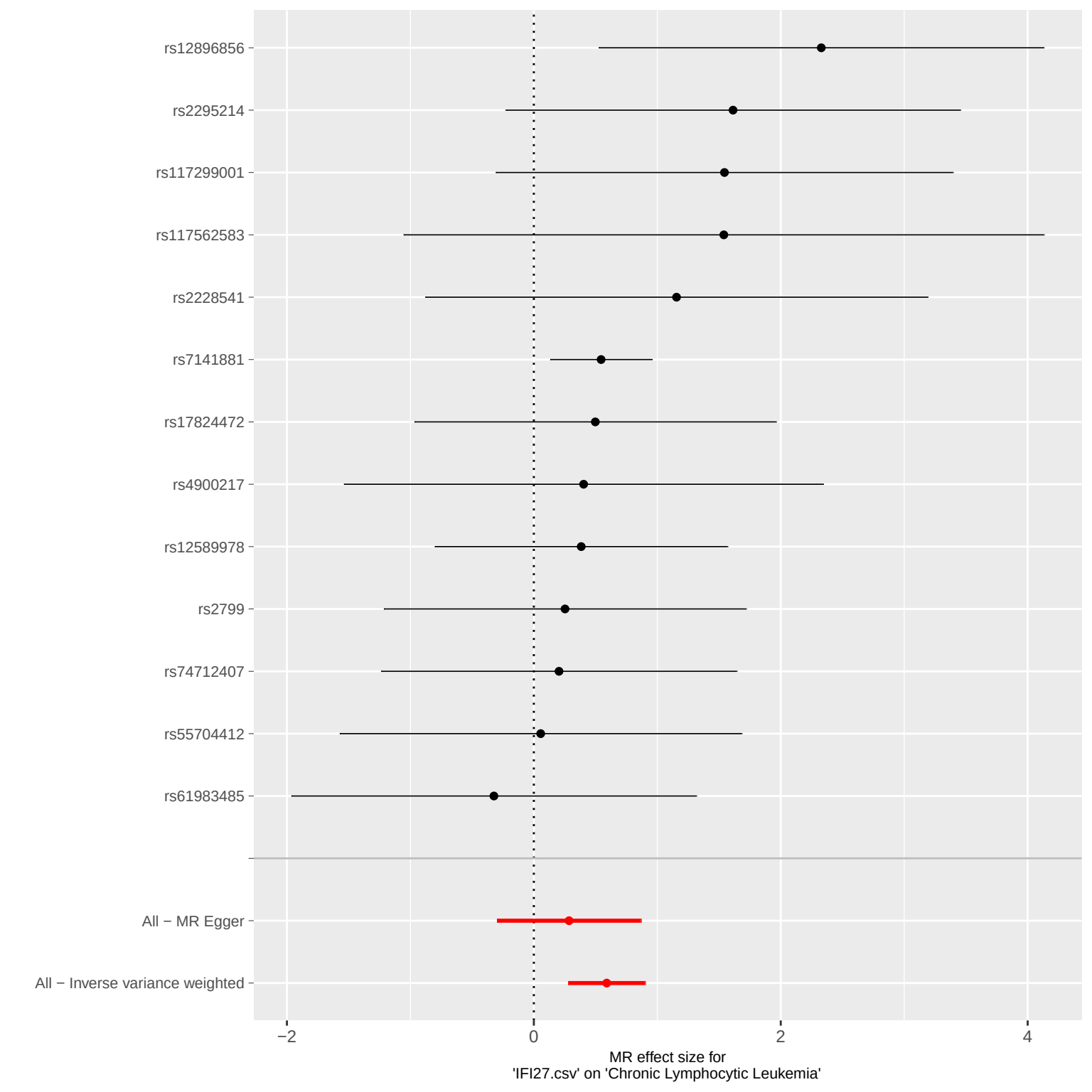
rs10908701
rs1361565
rs115251250
rs1057027
rs113561489
rs860635
rs1101992
rs2213949
rs3754464
rs34562319
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IFI16.csv' on 'Chronic Lymphocytic Leukemia'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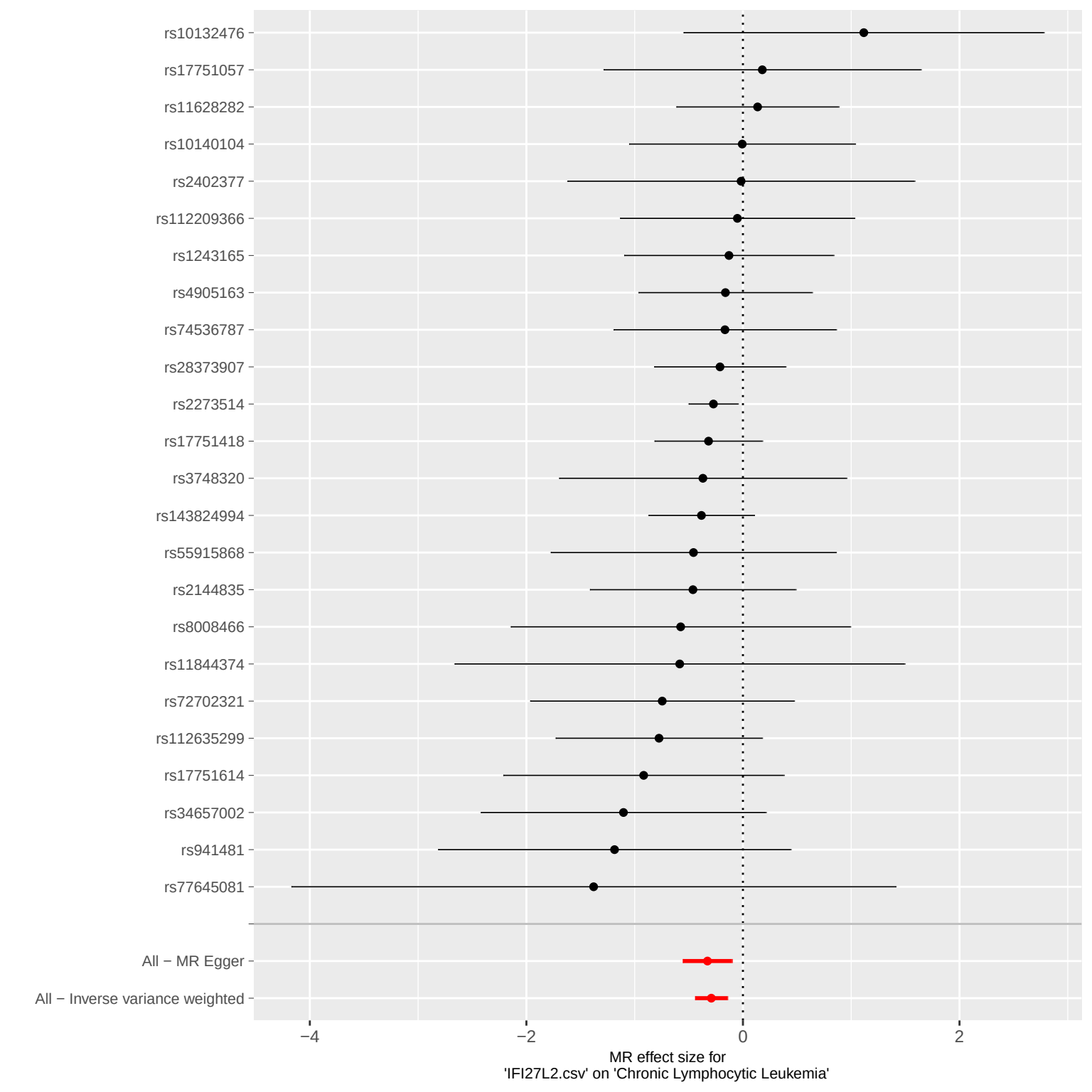
rs2295214
rs117299001
rs117562583
rs2228541
rs7141881
rs17824472
rs4900217
rs12589978
rs2799
rs74712407
rs55704412
rs61983485
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'IFI27.csv' on 'Chronic Lymphocytic Leukemia'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rs1243165
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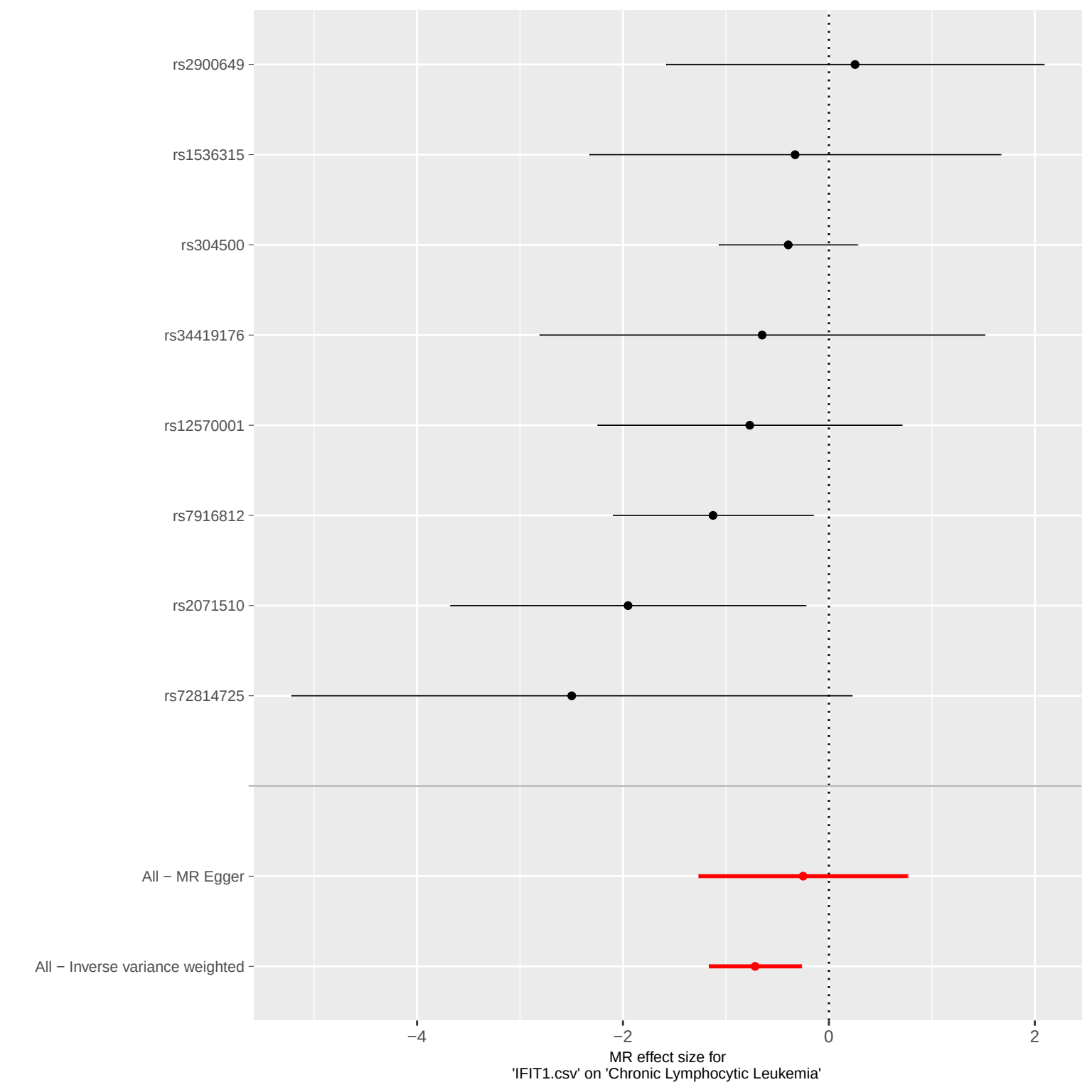
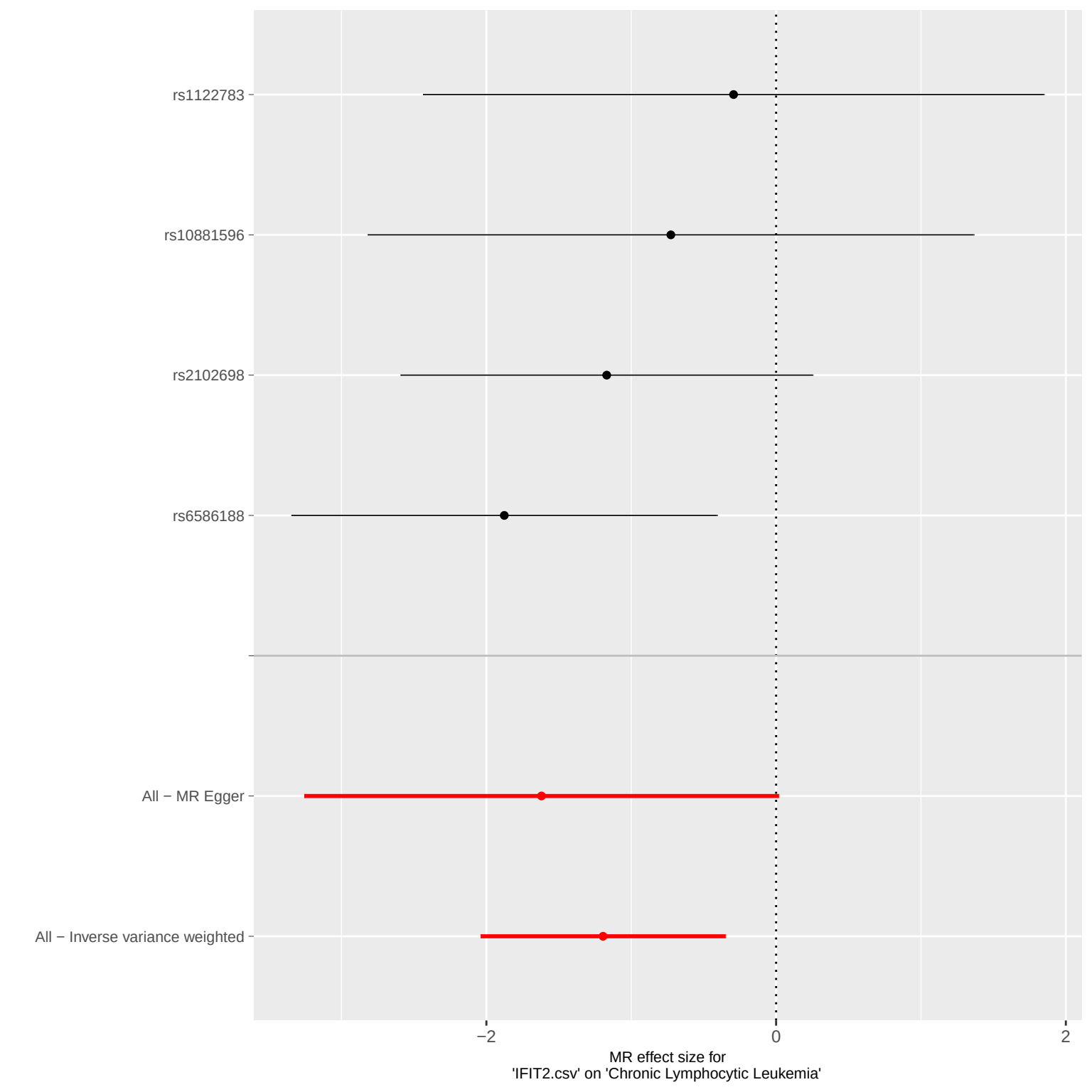
rs17751418
rs3748320
rs143824994
rs55915868
rs2144835
rs8008466
rs11844374
rs72702321
rs112635299
rs17751614
rs34657002
rs941481
rs77645081
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IFI27L2.csv' on 'Chronic Lymphocytic Leukemia'


rs2900649
rs1536315
rs304500
rs34419176
rs12570001
rs7916812
rs2071510
rs72814725
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IFIT1.csv' on 'Chronic Lymphocytic Leukemia'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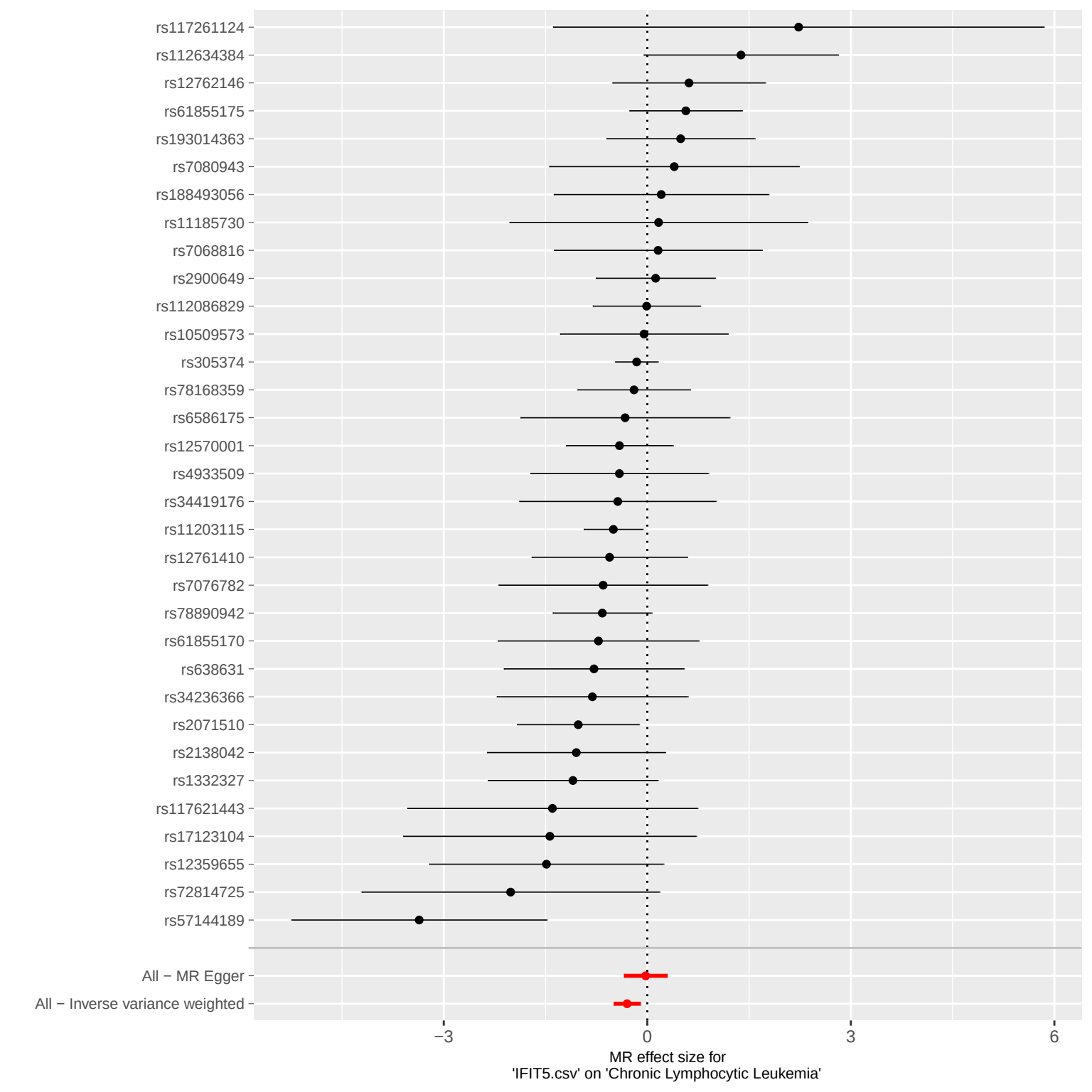
rs10881596
rs2102698
rs6586188
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'IFIT2.csv' on 'Chronic Lymphocytic Leukemia'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rs305374
rs78168359
rs6586175
rs12570001
rs4933509
rs34419176
rs11203115
rs12761410
rs7076782
rs78890942
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rs638631
rs34236366
rs2071510
rs2138042
rs1332327
rs117621443
rs17123104
rs12359655
rs72814725
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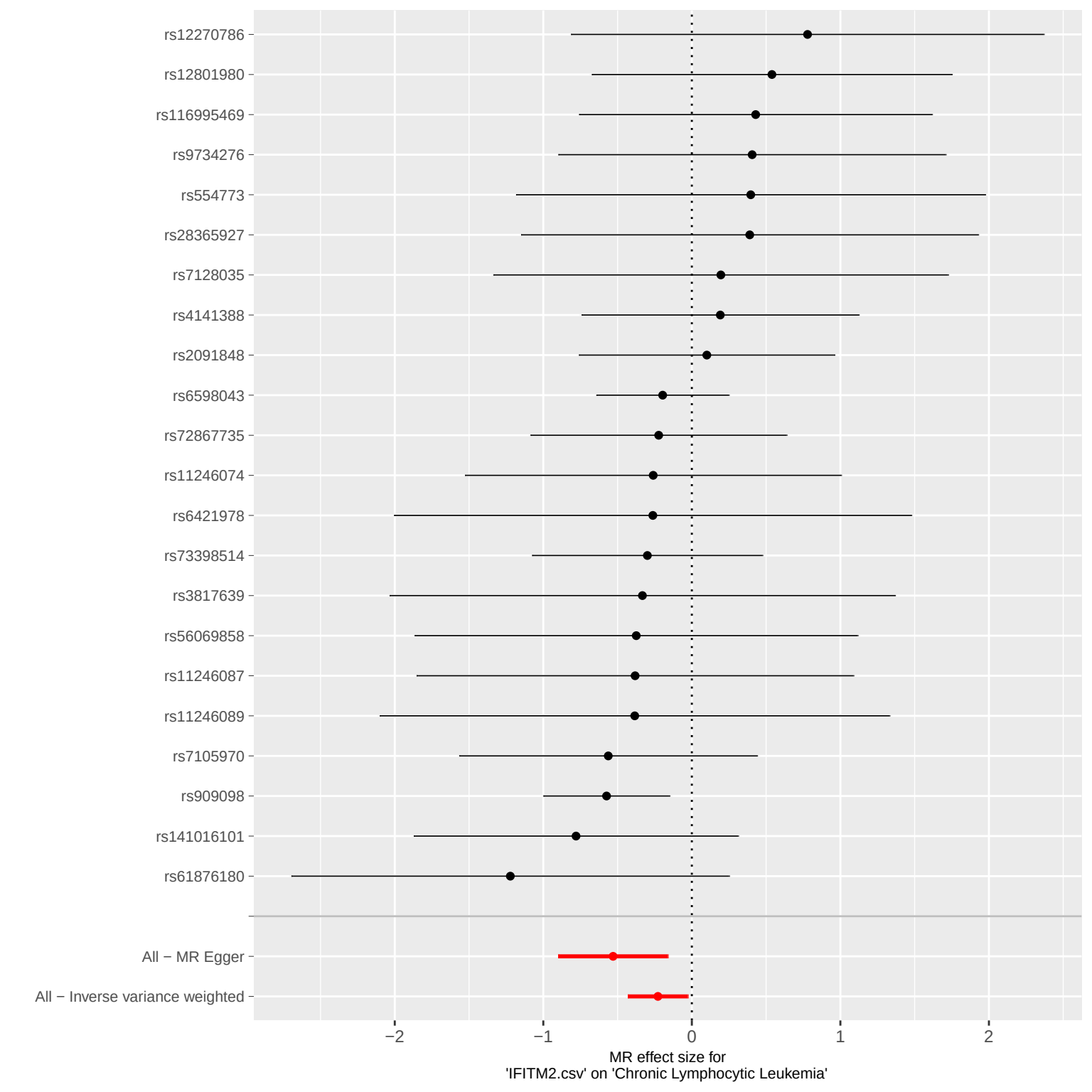
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'IFIT5.csv' on 'Chronic Lymphocytic Leukemia'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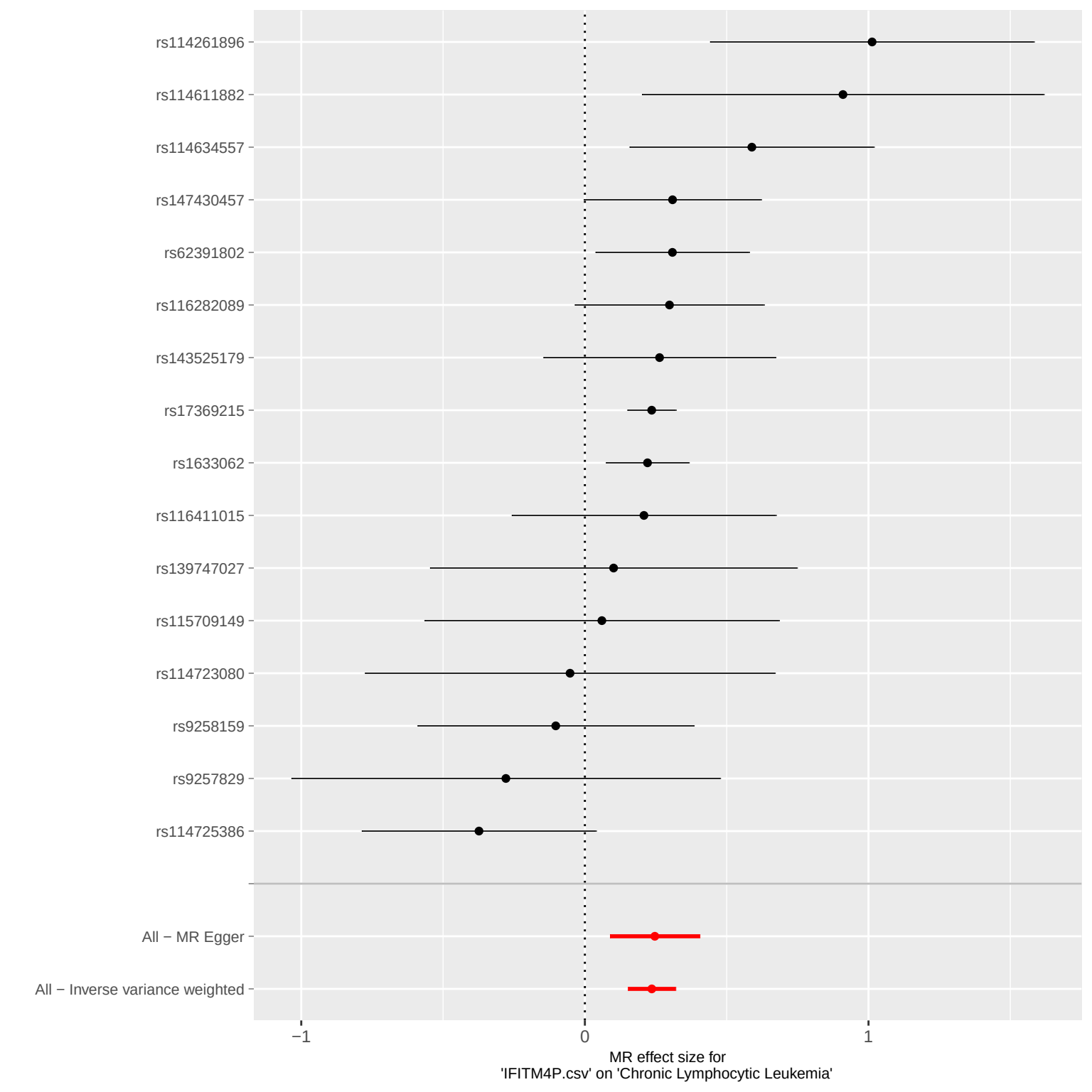
rs72867735
rs11246074
rs6421978
rs73398514
rs3817639
rs56069858
rs11246087
rs11246089
rs7105970
rs909098
rs141016101
rs61876180
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'IFITM2.csv' on 'Chronic Lymphocytic Leukemia'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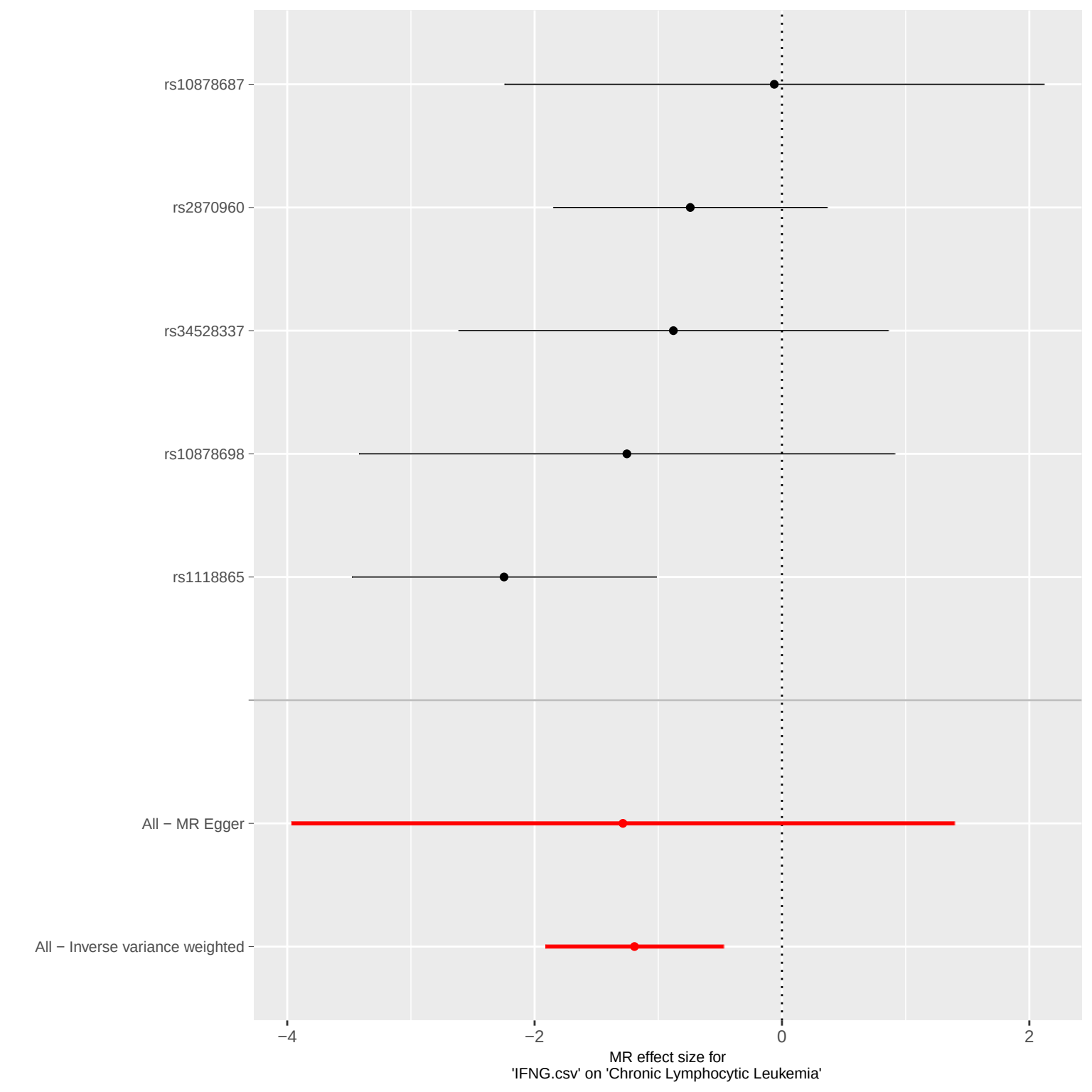
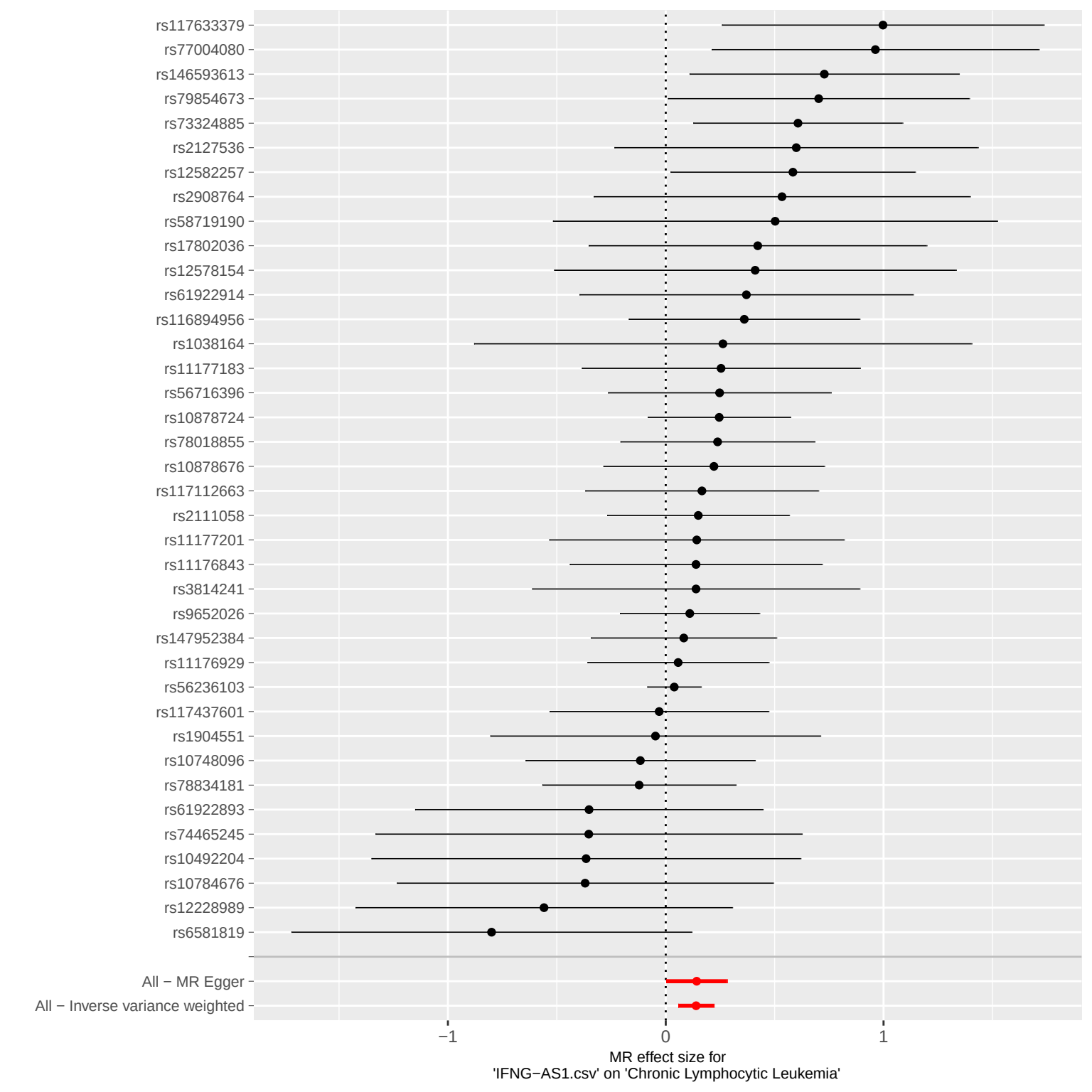
rs139747027
rs115709149
rs114723080
rs9258159
rs9257829
rs114725386
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'IFITM4P.csv' on 'Chronic Lymphocytic Leukemia'


rs10878687
rs2870960
rs34528337
rs10878698
rs1118865
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IFNG.csv' on 'Chronic Lymphocytic Leukemia'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rs74465245
rs10492204
rs10784676
rs12228989
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All − MR Egger
All − Inverse variance weighted
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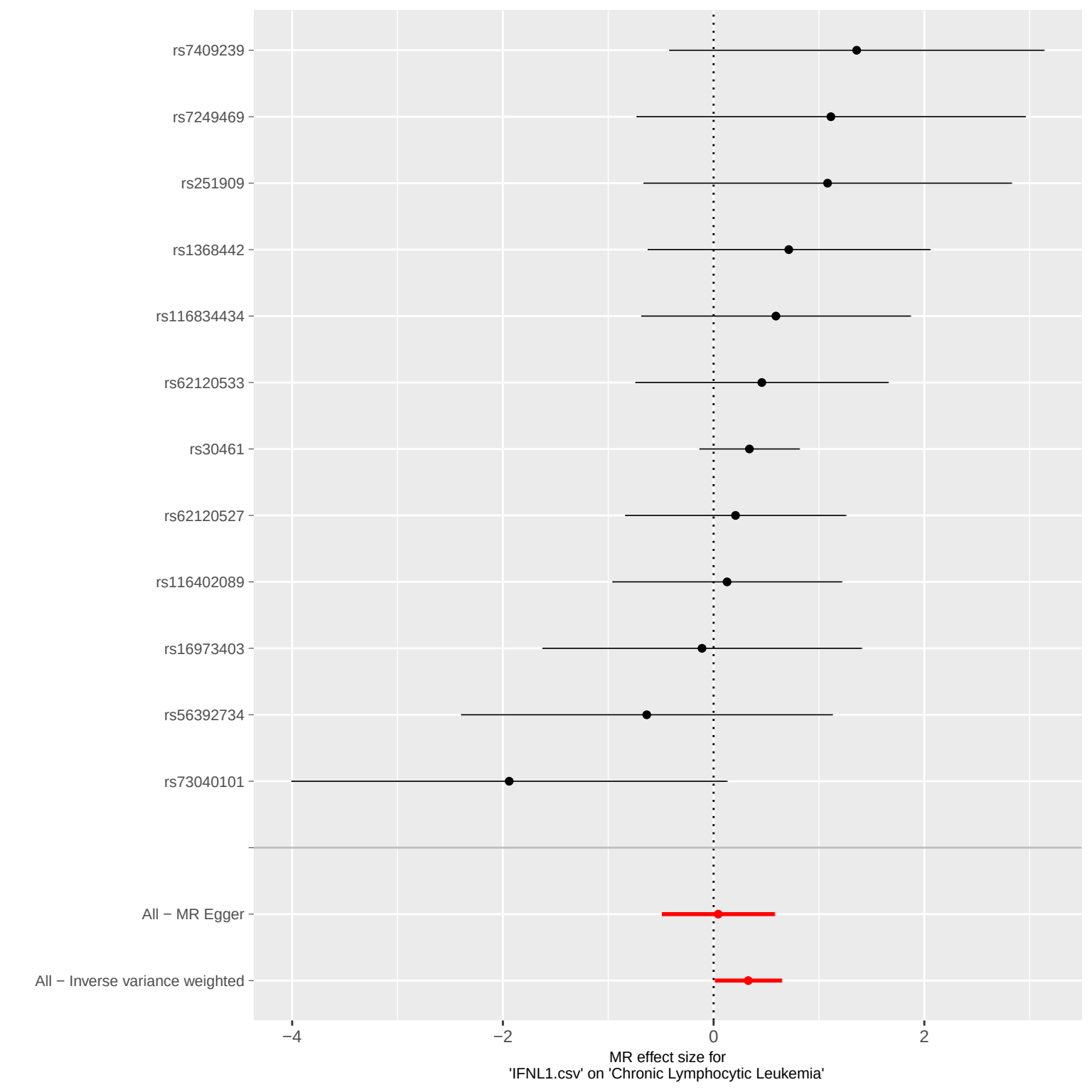
MR effect size for
'IFNG−AS1.csv' on 'Chronic Lymphocytic Leukemia'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rs62120527
rs116402089
rs16973403
rs56392734
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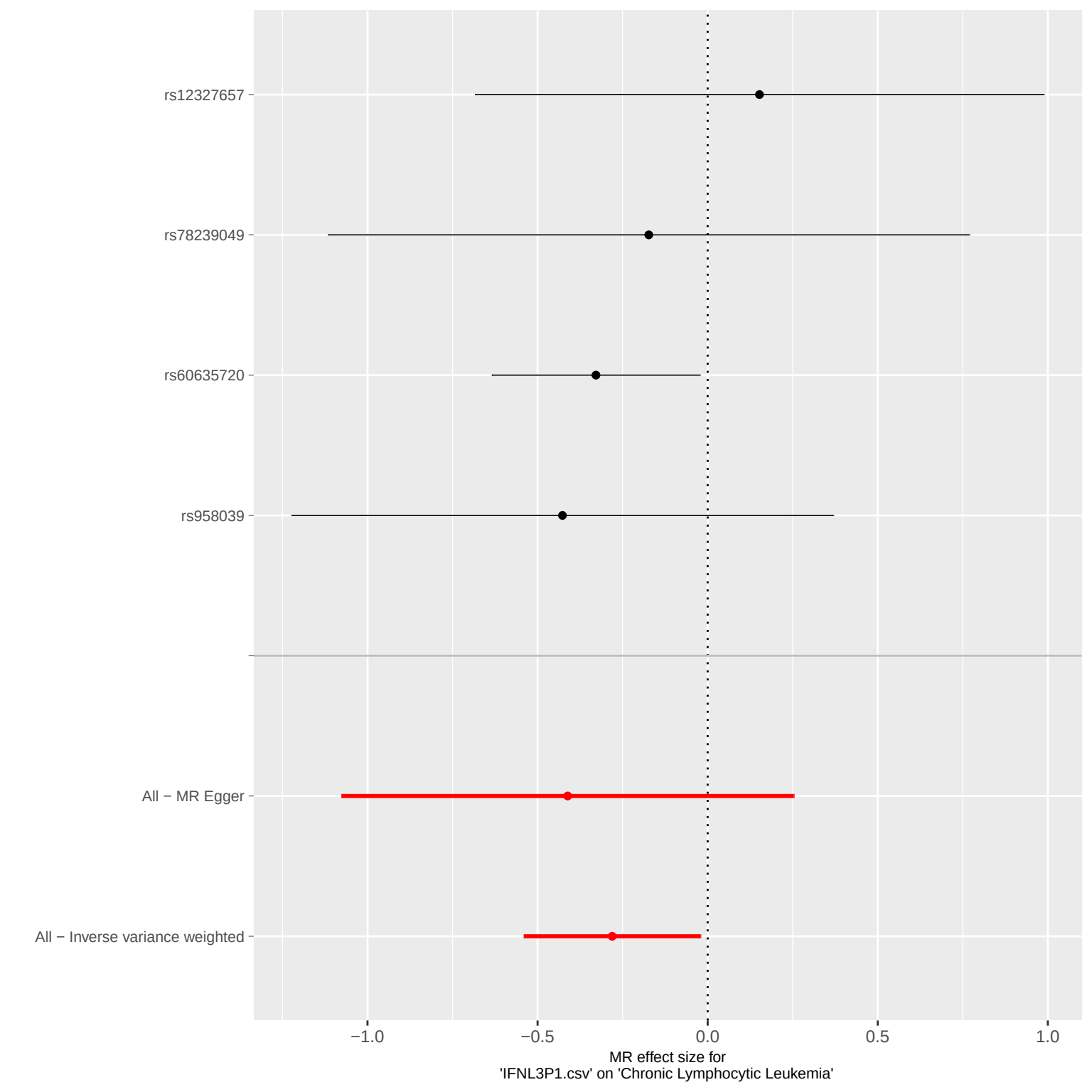
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IFNL1.csv' on 'Chronic Lymphocytic Leukemia'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rs78239049
rs60635720
rs958039
All − MR Egger
All − Inverse variance weighted
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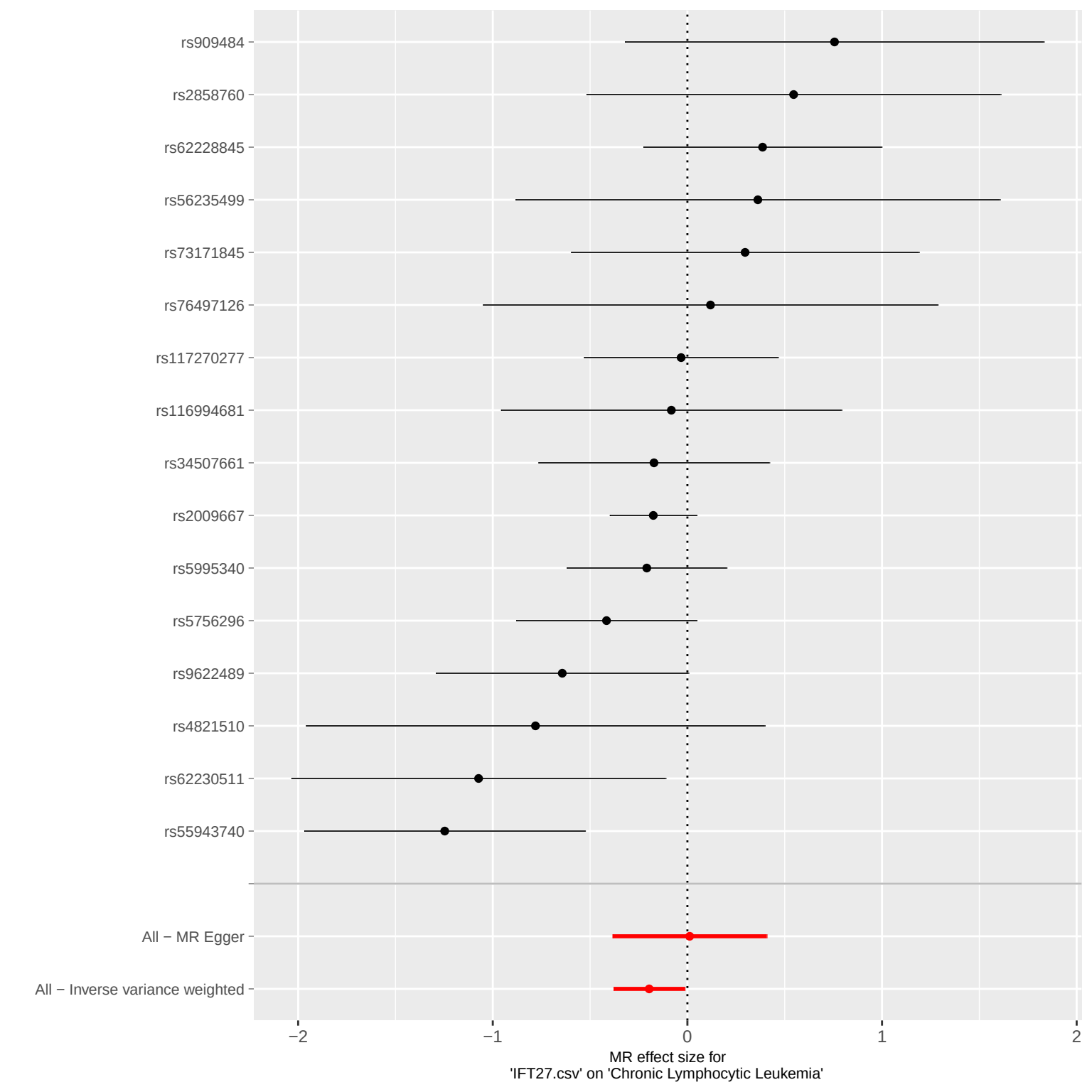
−0.5
0.0
0.5
1.0
MR effect size for
'IFNL3P1.csv' on 'Chronic Lymphocytic Leukemia'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rs117270277
rs116994681
rs34507661
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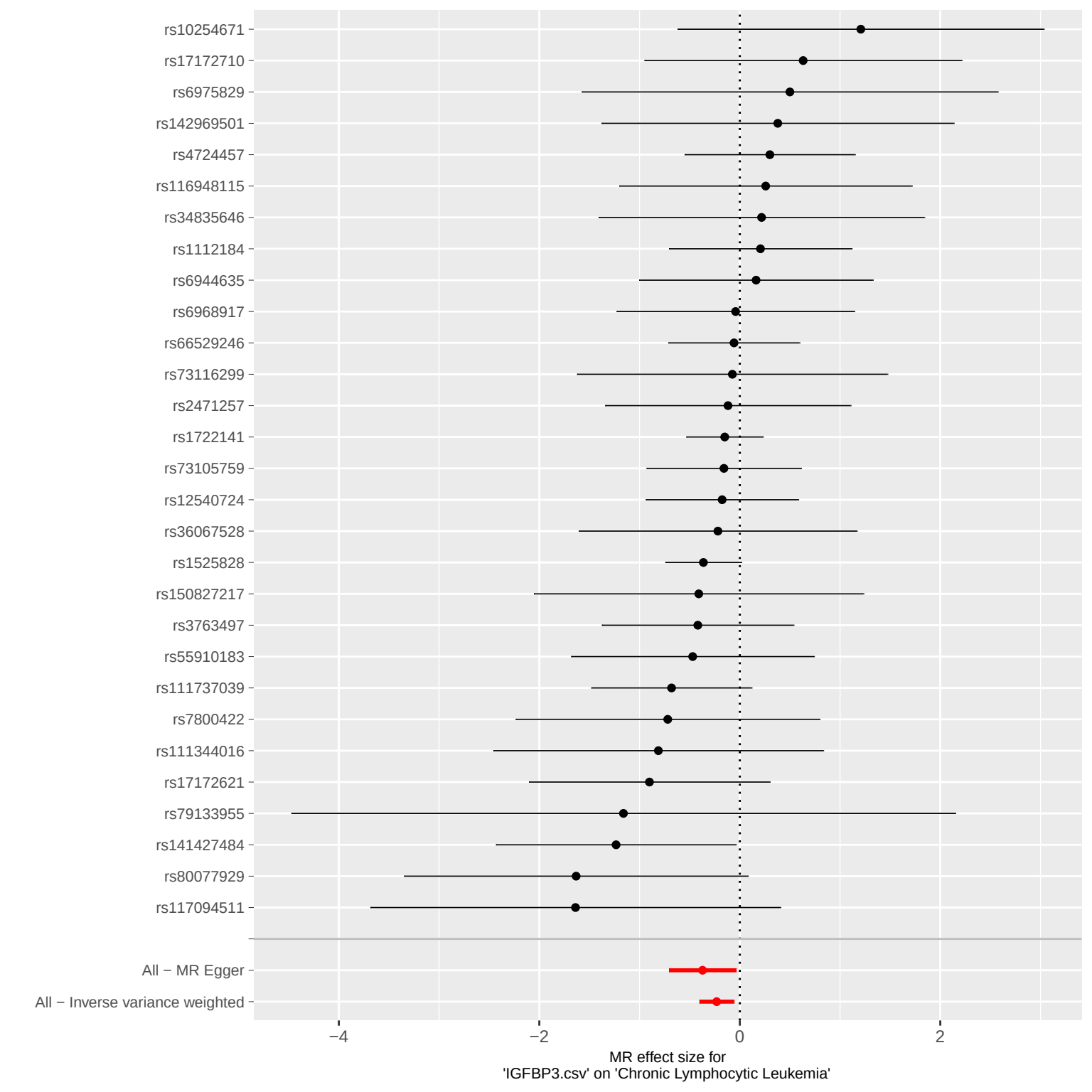
rs5995340
rs5756296
rs9622489
rs4821510
rs62230511
rs55943740
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'IFT27.csv' on 'Chronic Lymphocytic Leukemia'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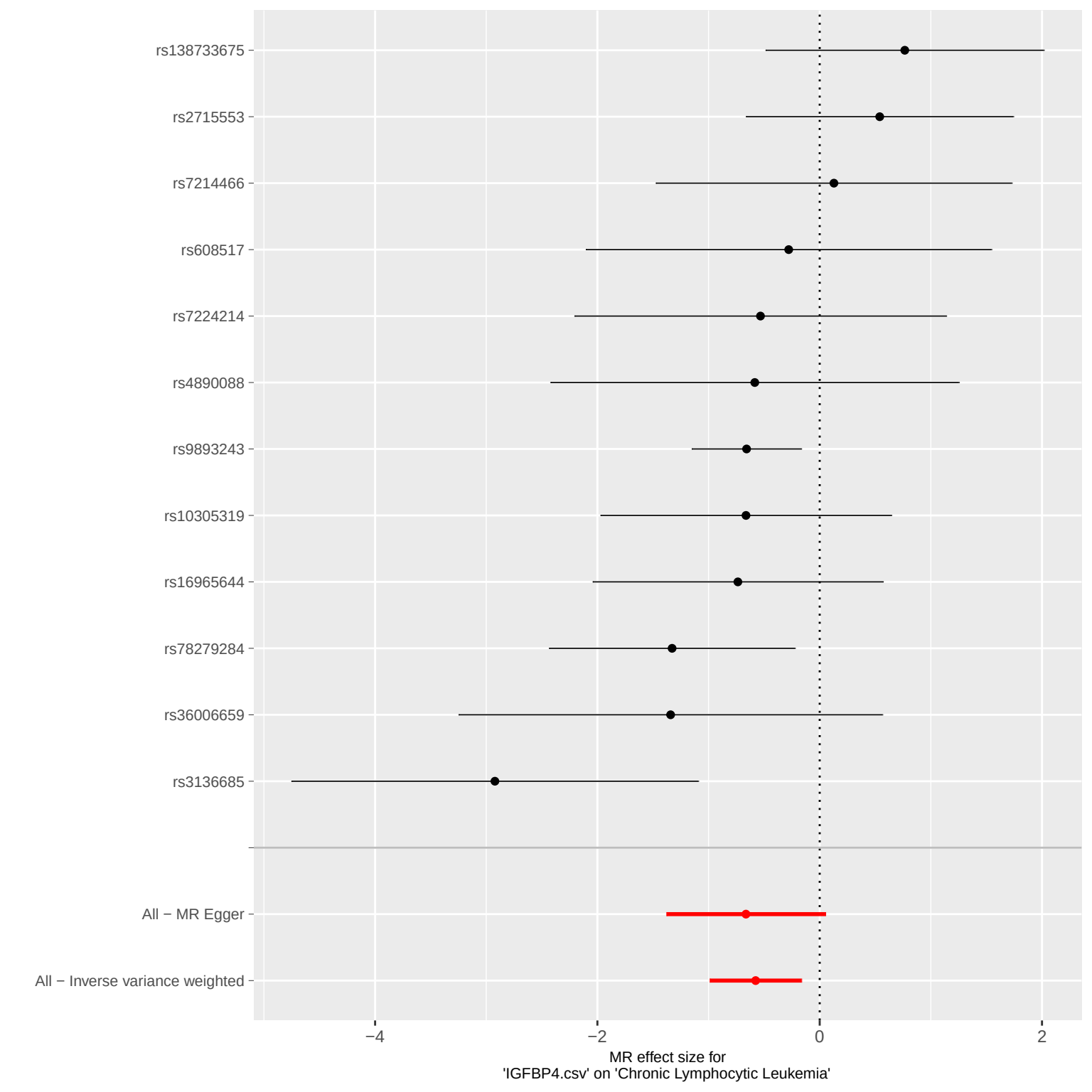
rs55910183
rs111737039
rs7800422
rs111344016
rs17172621
rs79133955
rs141427484
rs80077929
rs117094511
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IGFBP3.csv' on 'Chronic Lymphocytic Leukemia'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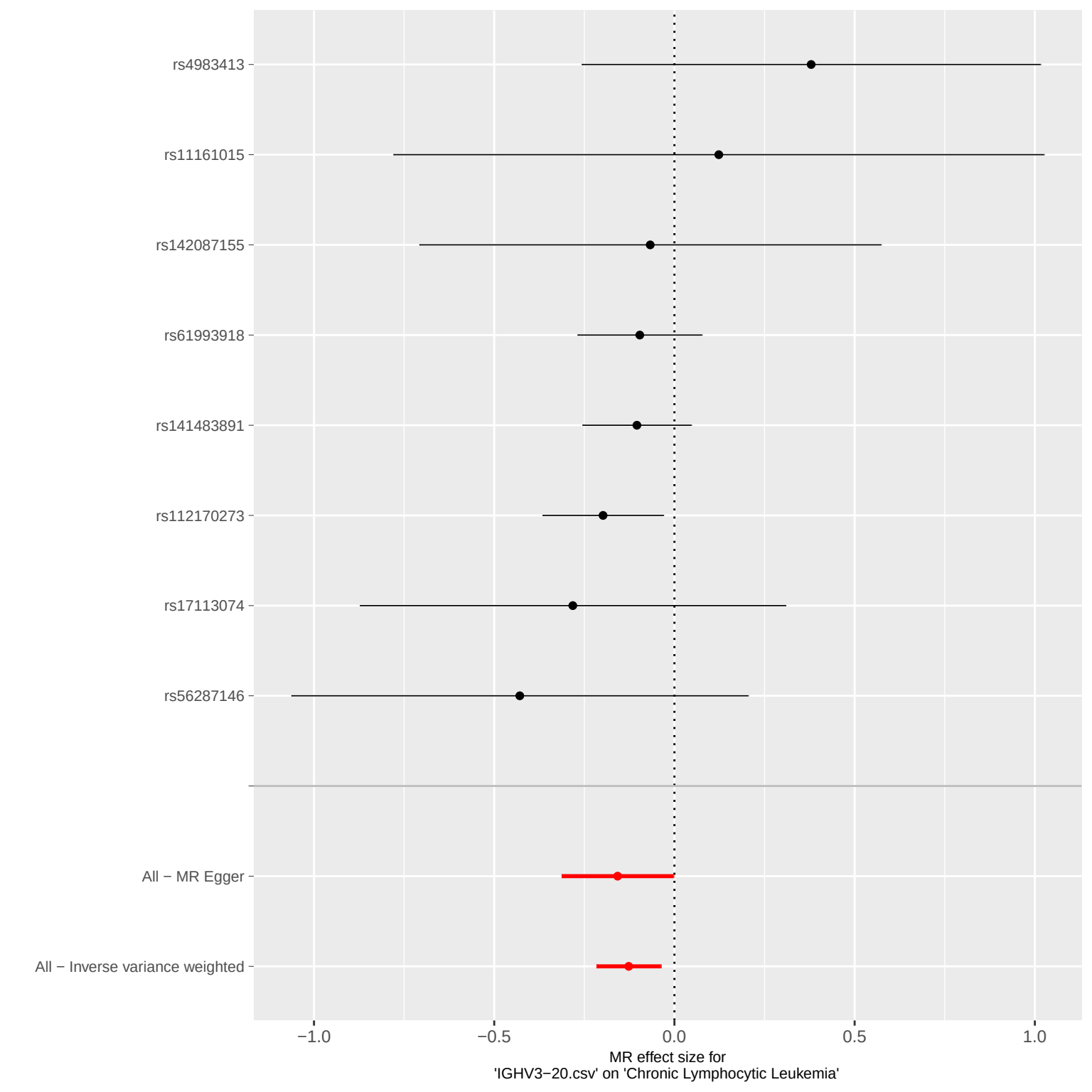
rs10305319
rs16965644
rs78279284
rs36006659
rs3136685
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IGFBP4.csv' on 'Chronic Lymphocytic Leukemia'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rs11161015
rs142087155
rs61993918
rs141483891
rs112170273
rs17113074
rs56287146
All − MR Egger
All − Inverse variance weighted
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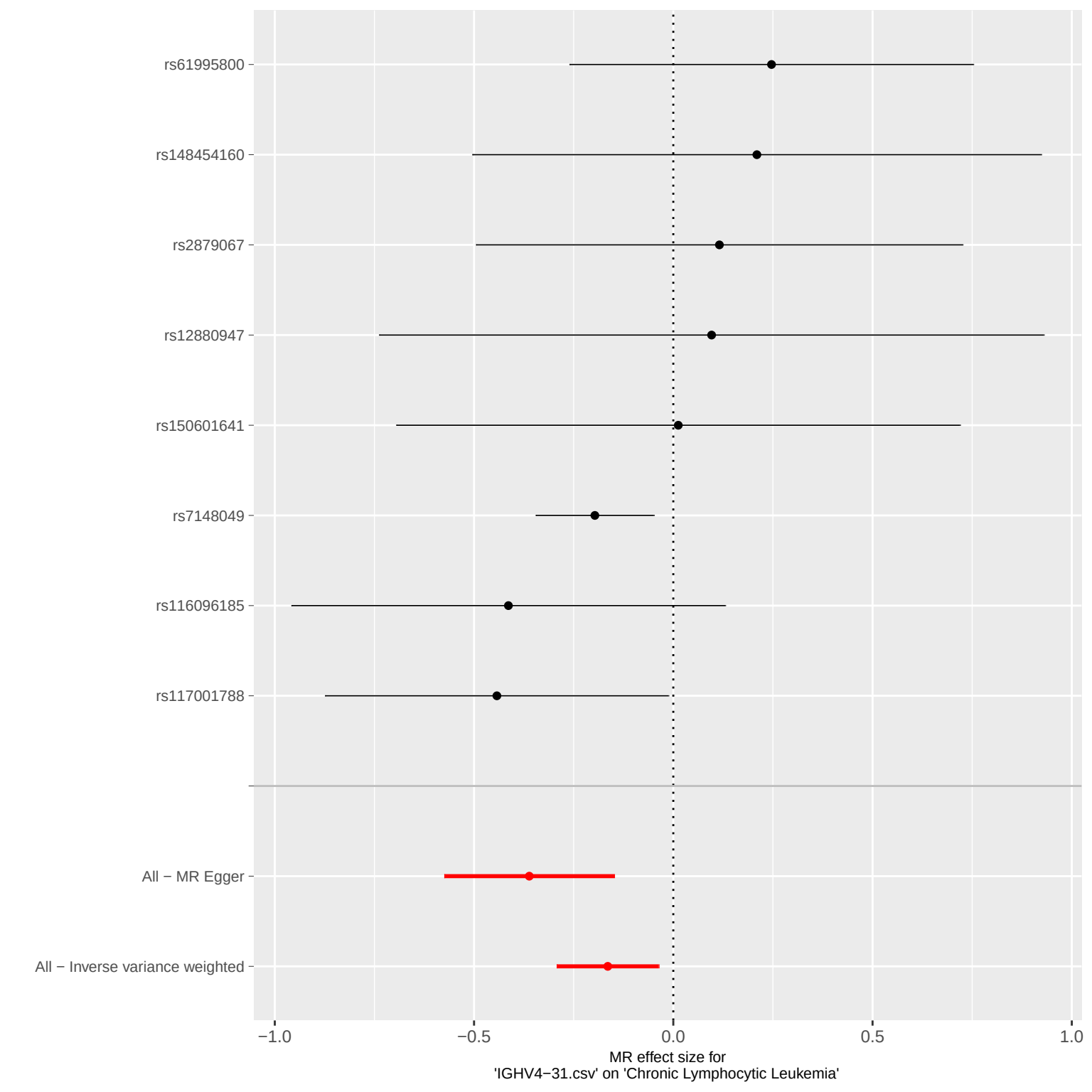
−0.5
0.0
0.5
1.0
MR effect size for
'IGHV3−20.csv' on 'Chronic Lymphocytic Leukemia'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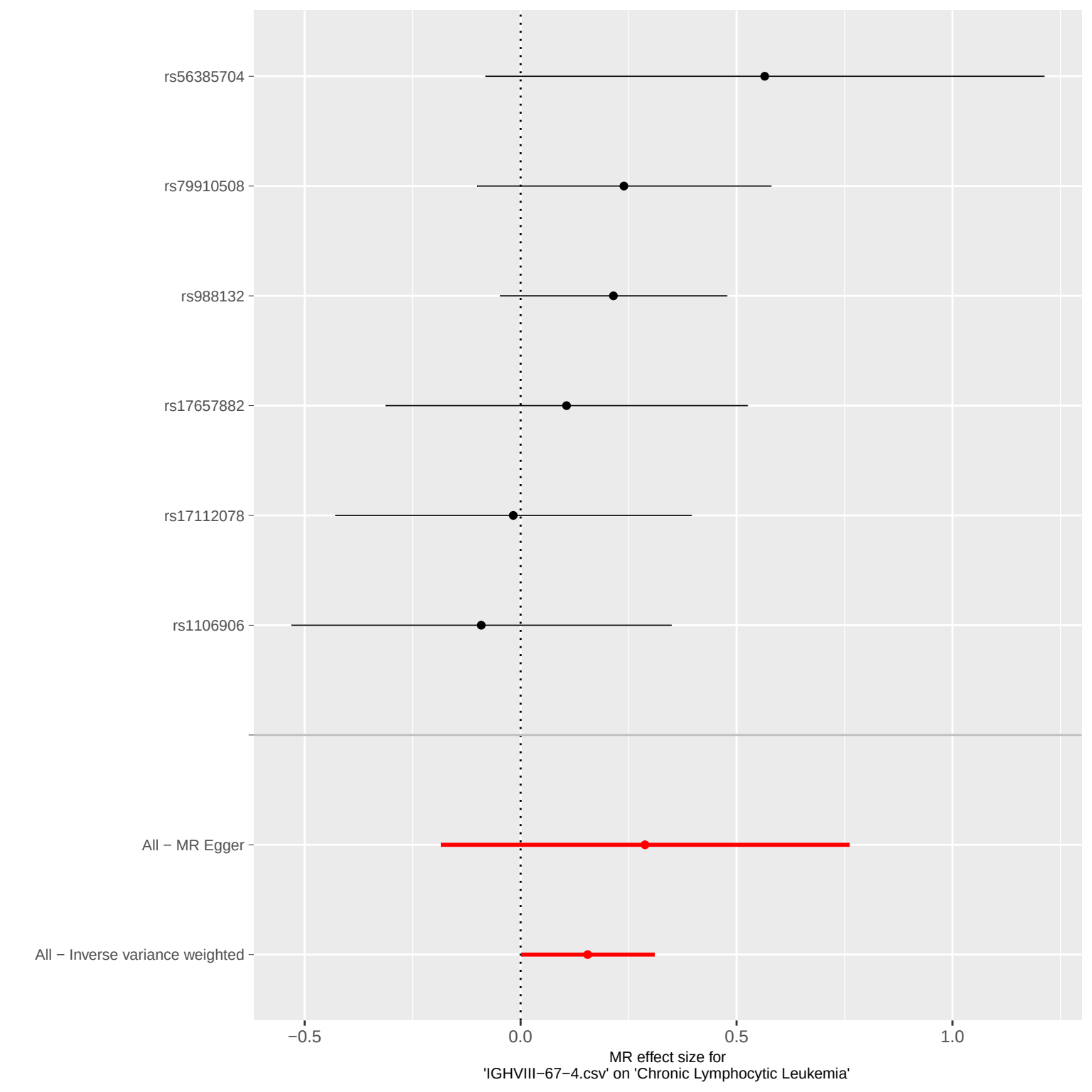
rs148454160
rs2879067
rs12880947
rs150601641
rs7148049
rs116096185
rs117001788
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'IGHV4−31.csv' on 'Chronic Lymphocytic Leukemia'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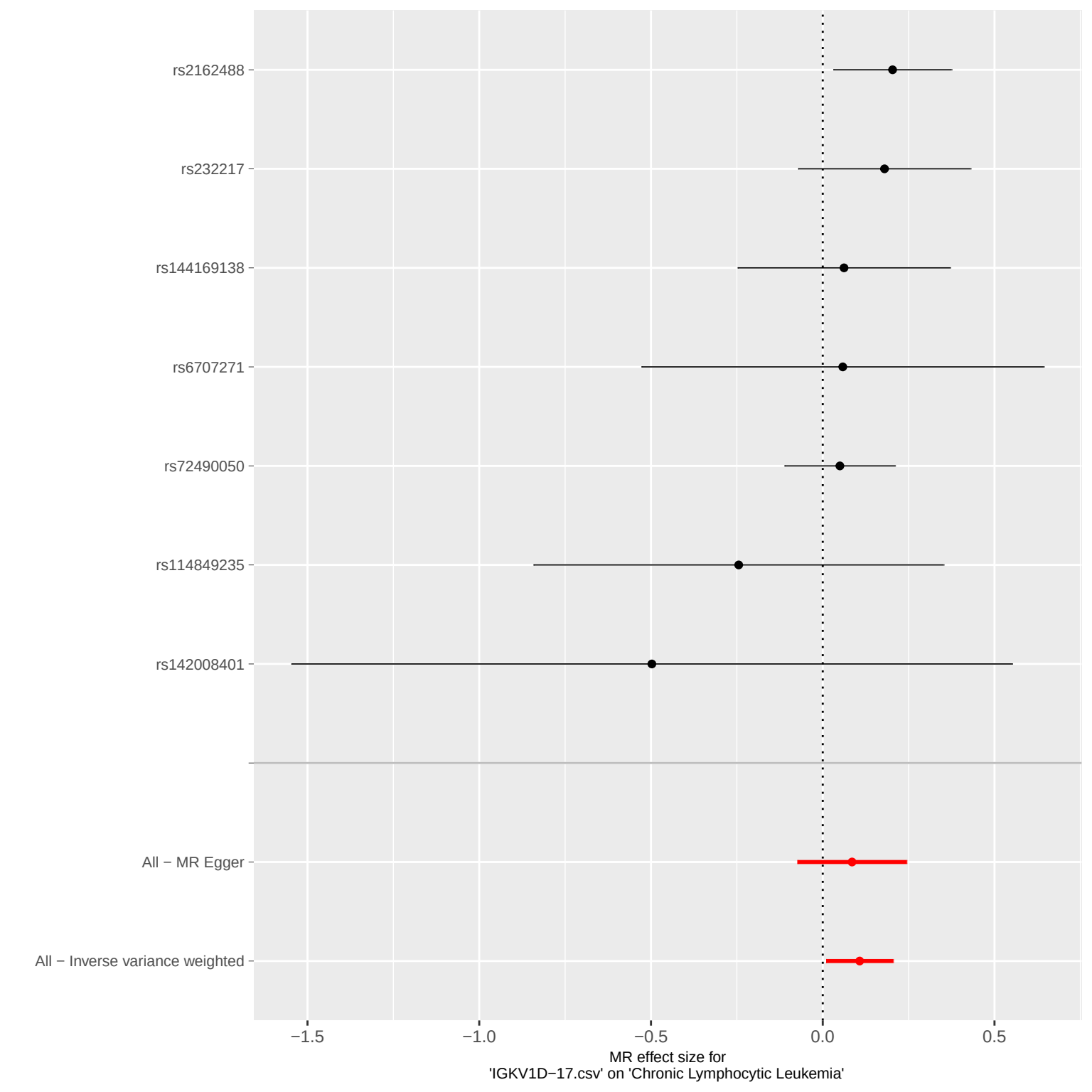
rs79910508
rs988132
rs17657882
rs17112078
rs1106906
All − MR Egger
All − Inverse variance weighted
−0.5
0.0
0.5
1.0
MR effect size for
'IGHVIII−67−4.csv' on 'Chronic Lymphocytic Leukemia'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rs6707271
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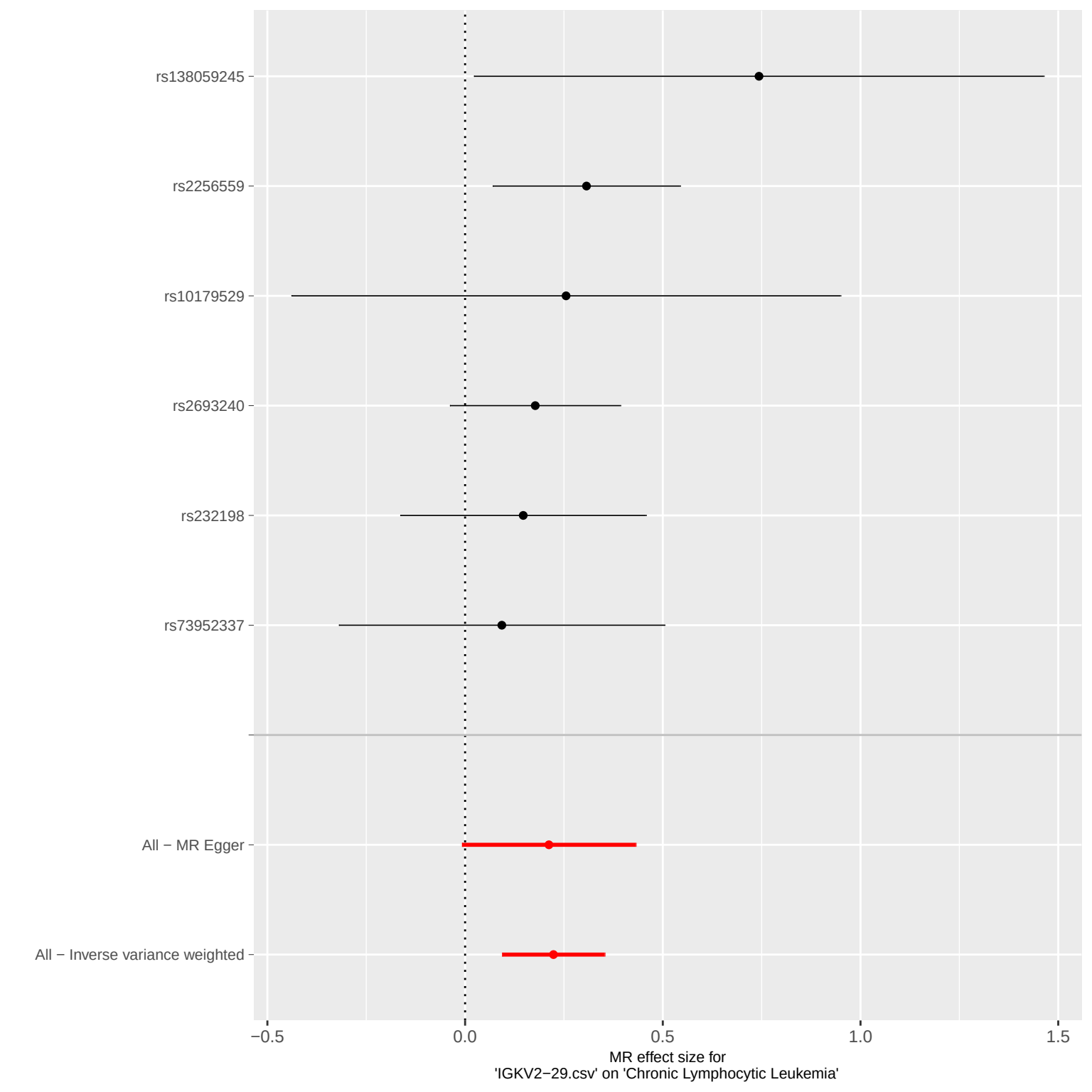
rs114849235
rs142008401
All − MR Egger
All − Inverse variance weighted
−1.5
−1.0
−0.5
0.0
0.5
MR effect size for
'IGKV1D−17.csv' on 'Chronic Lymphocytic Leukemia'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rs2693240
rs232198
rs73952337
All − MR Egger
All − Inverse variance weighted
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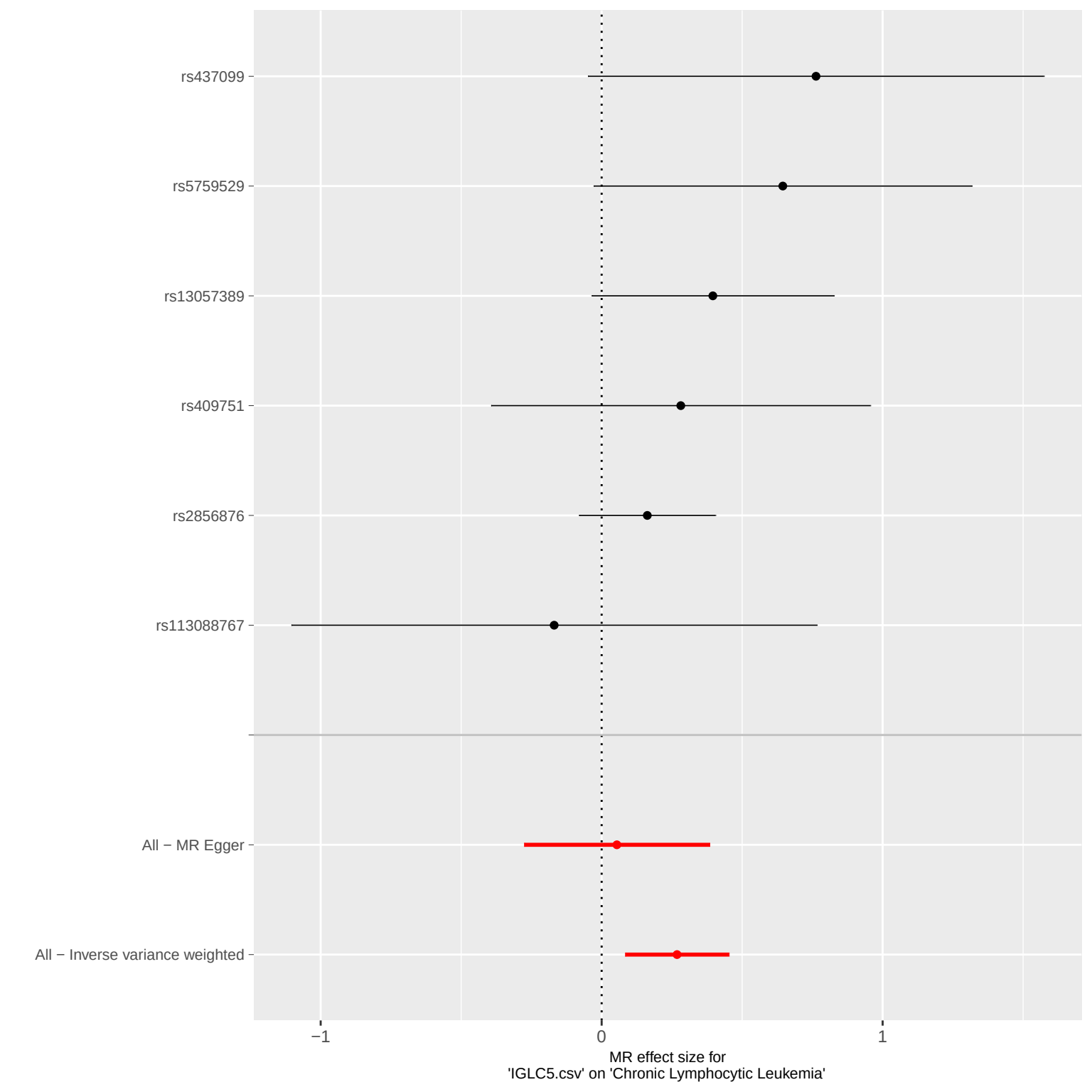
0.0
0.5
1.0
1.5
MR effect size for
'IGKV2−29.csv' on 'Chronic Lymphocytic Leukemia'


rs437099
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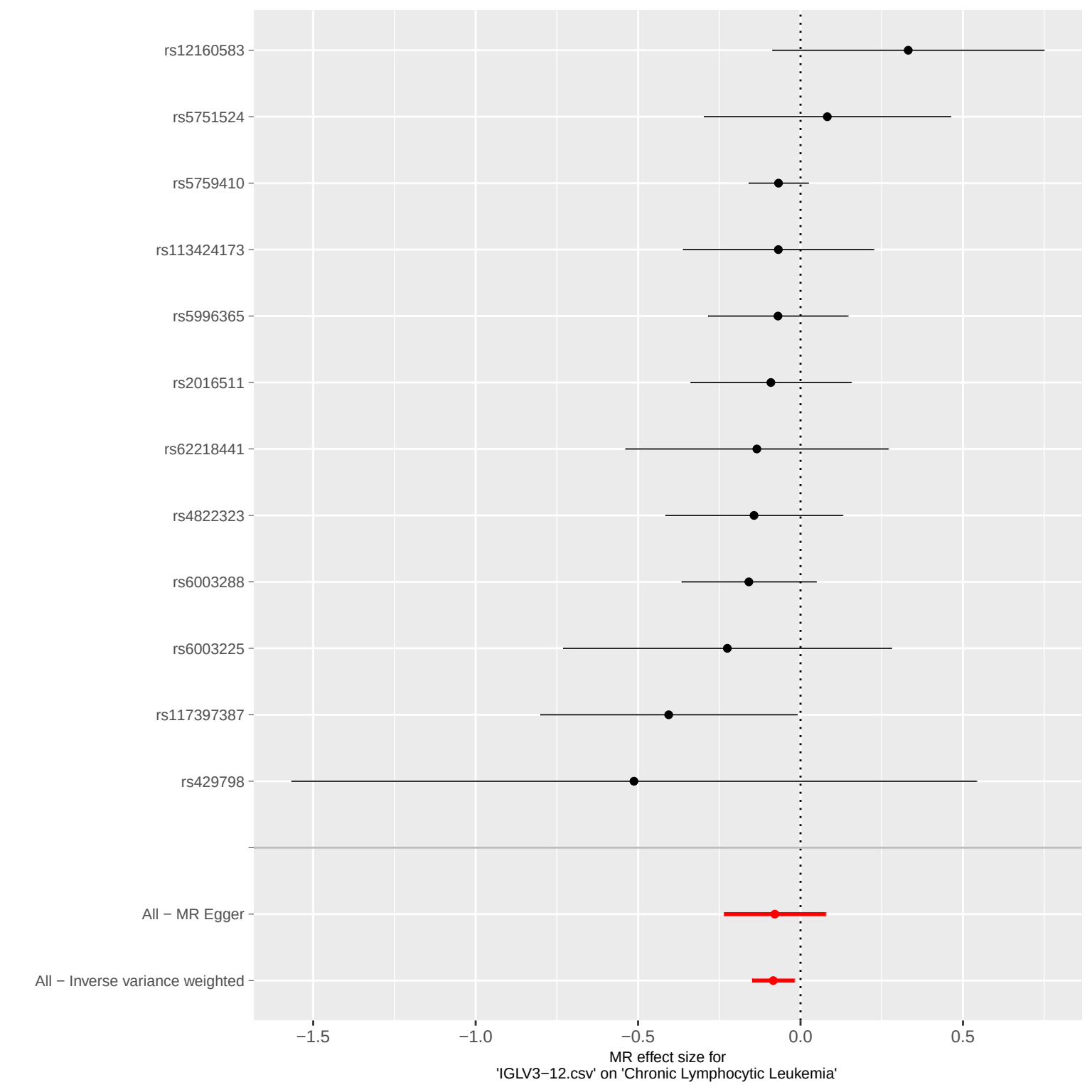
rs13057389
rs409751
rs2856876
rs113088767
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'IGLC5.csv' on 'Chronic Lymphocytic Leukemia'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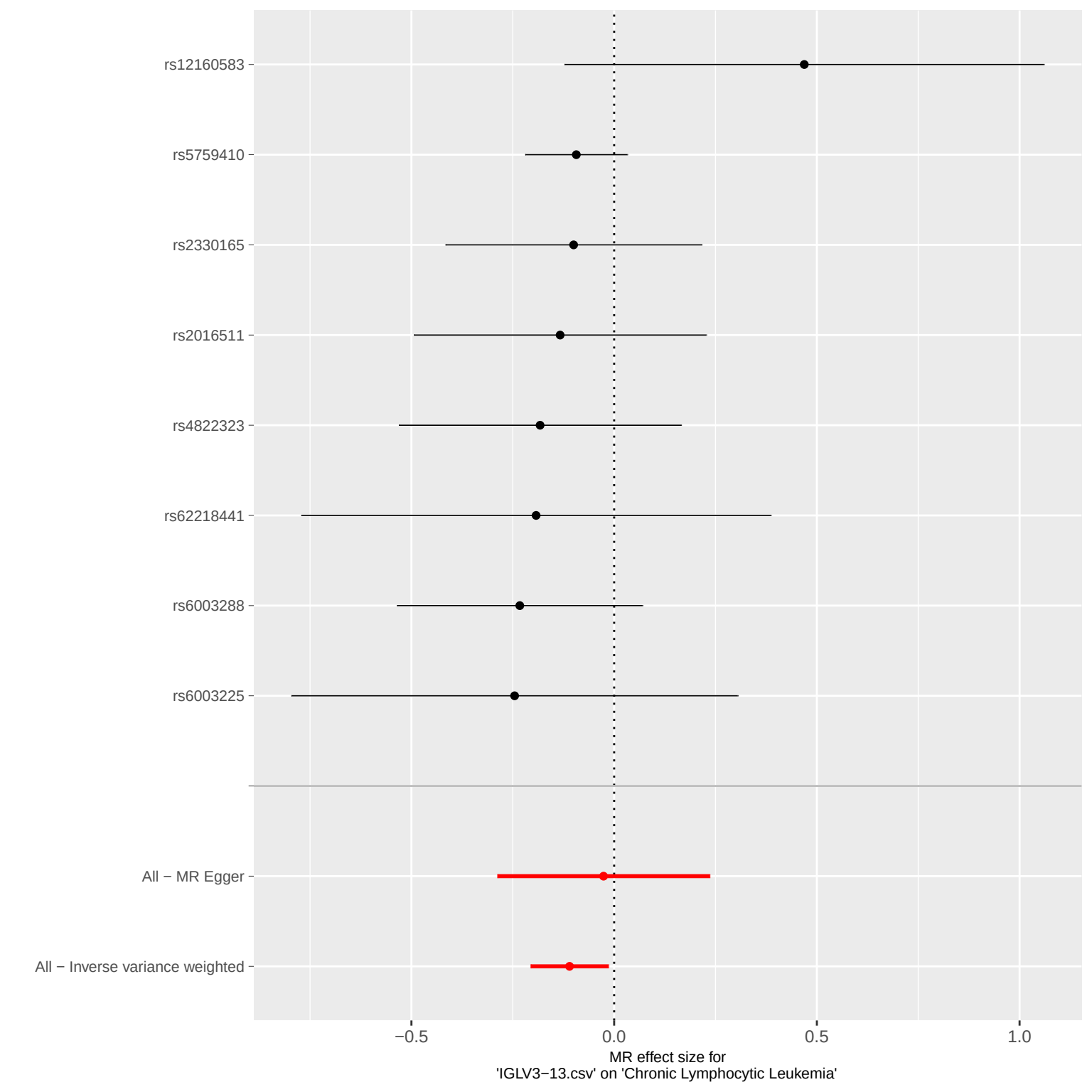
rs5996365
rs2016511
rs62218441
rs4822323
rs6003288
rs6003225
rs117397387
rs429798
All − MR Egger
All − Inverse variance weighted
−1.5
−1.0
−0.5
0.0
0.5
MR effect size for
'IGLV3−12.csv' on 'Chronic Lymphocytic Leukemia'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rs5759410
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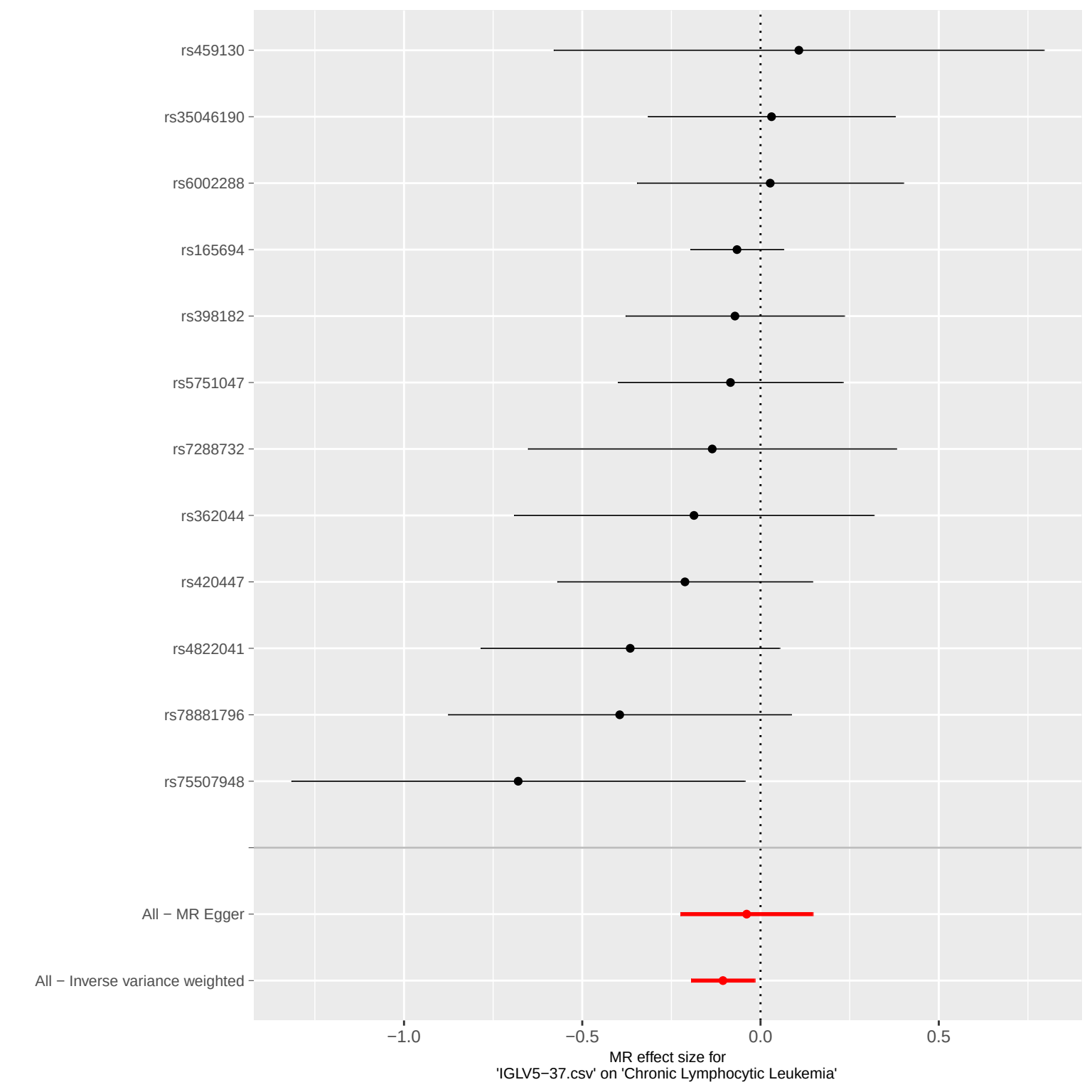
rs2016511
rs4822323
rs62218441
rs6003288
rs6003225
All − MR Egger
All − Inverse variance weighted
−0.5
0.0
0.5
1.0
MR effect size for
'IGLV3−13.csv' on 'Chronic Lymphocytic Leukemia'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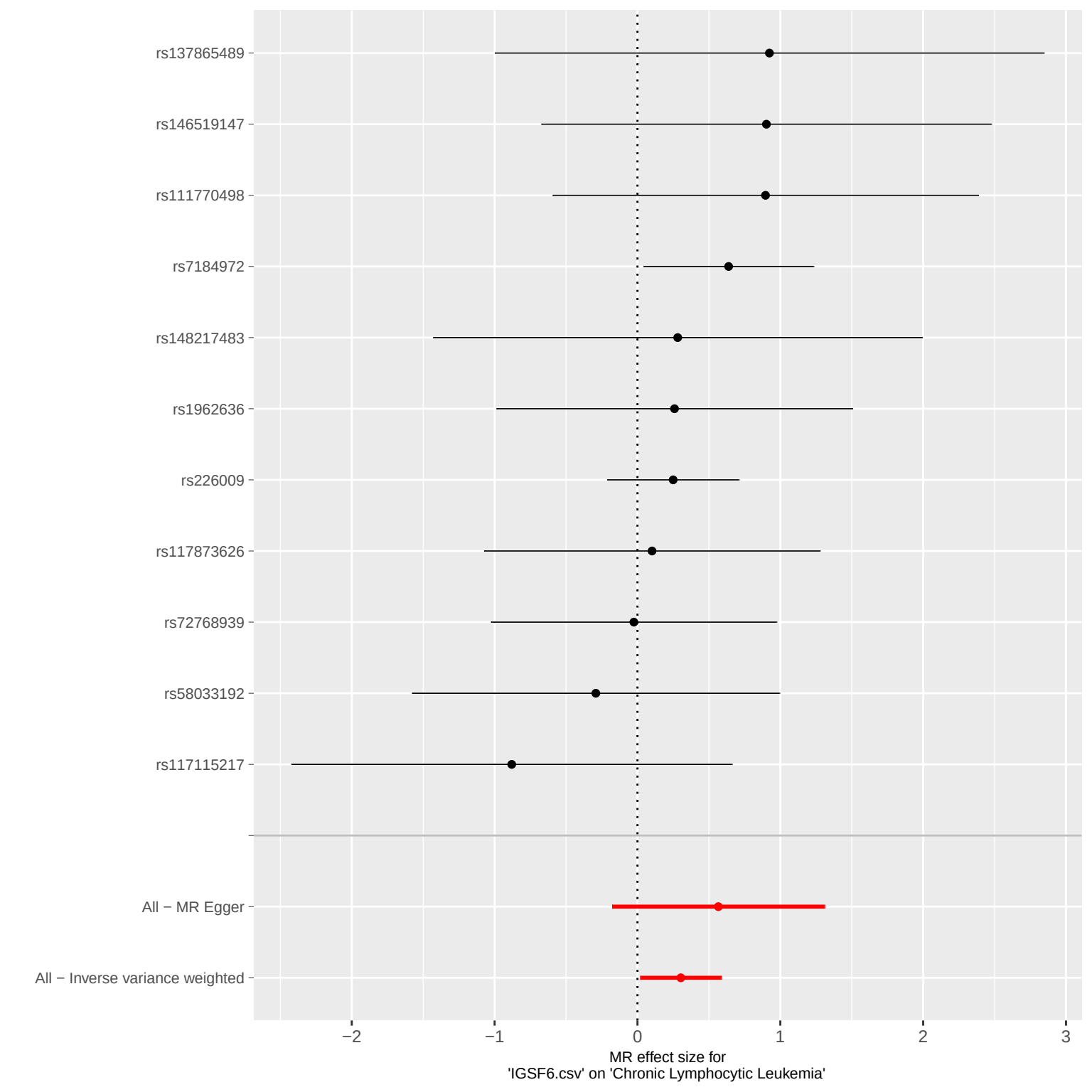
rs35046190
rs6002288
rs165694
rs398182
rs5751047
rs7288732
rs362044
rs420447
rs4822041
rs78881796
rs75507948
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
MR effect size for
'IGLV5−37.csv' on 'Chronic Lymphocytic Leukemia'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rs148217483
rs1962636
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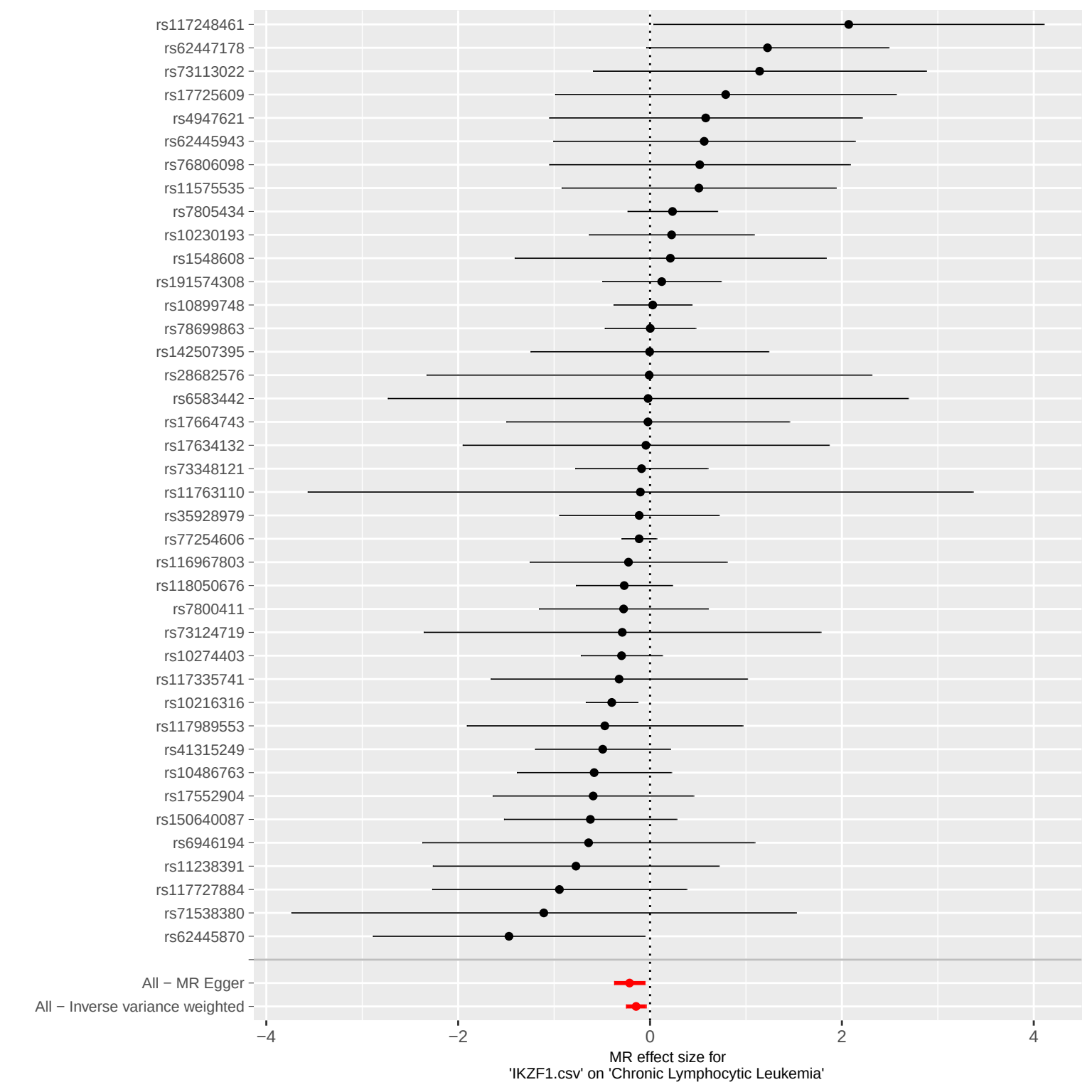
rs72768939
rs58033192
rs117115217
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'IGSF6.csv' on 'Chronic Lymphocytic Leukemia'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rs117335741
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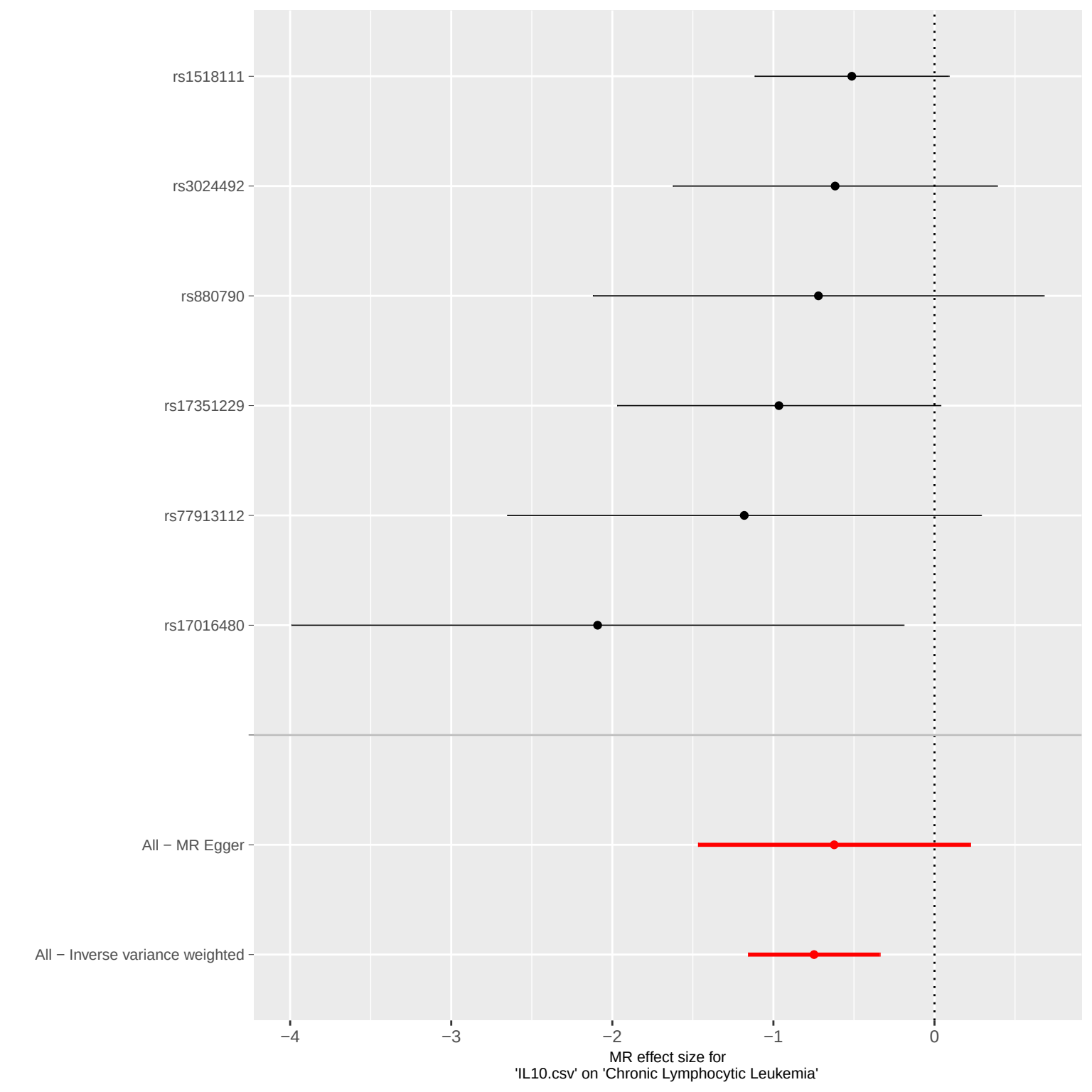
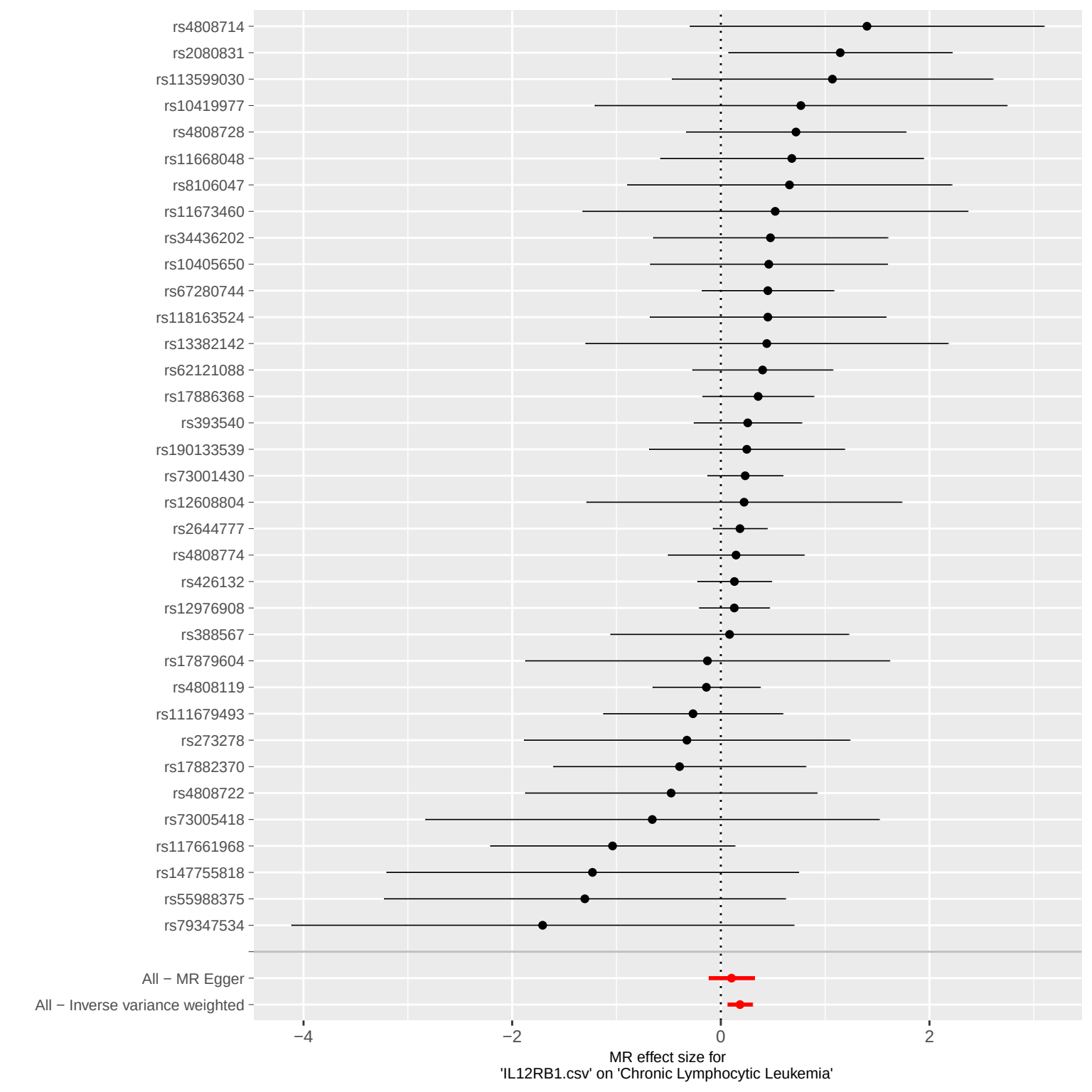
rs117989553
rs41315249
rs10486763
rs17552904
rs150640087
rs6946194
rs11238391
rs117727884
rs71538380
rs62445870
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'IKZF1.csv' on 'Chronic Lymphocytic Leukemia'


rs1518111
rs3024492
rs880790
rs17351229
rs77913112
rs17016480
All − MR Egger
All − Inverse variance weighted
−4
−3
−2
−1
0
MR effect size for
'IL10.csv' on 'Chronic Lymphocytic Leukemia'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rs393540
rs190133539
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rs426132
rs12976908
rs388567
rs17879604
rs4808119
rs111679493
rs273278
rs17882370
rs4808722
rs73005418
rs117661968
rs147755818
rs55988375
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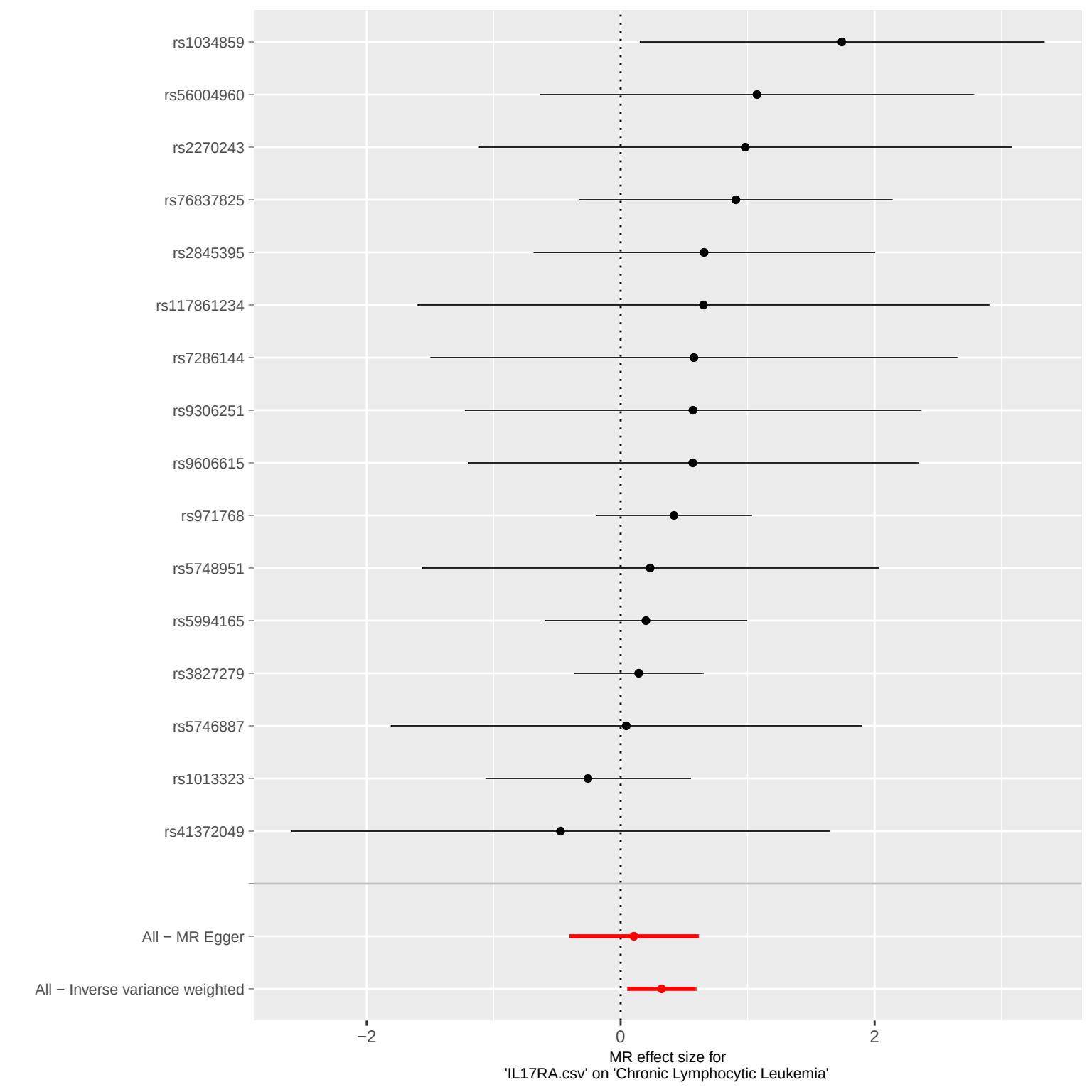
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IL12RB1.csv' on 'Chronic Lymphocytic Leukemia'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rs7286144
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rs5994165
rs3827279
rs5746887
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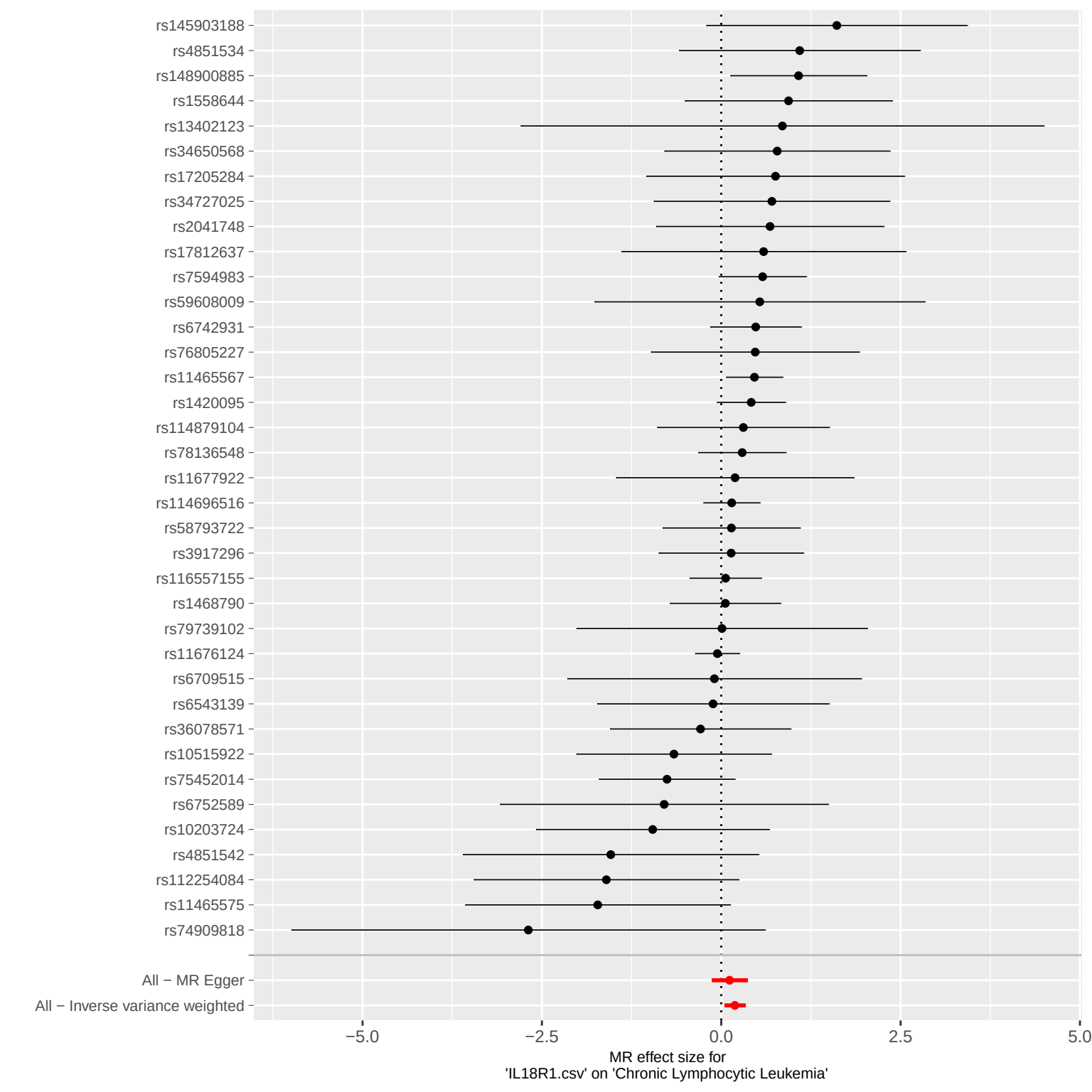
rs41372049
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'IL17RA.csv' on 'Chronic Lymphocytic Leukemia'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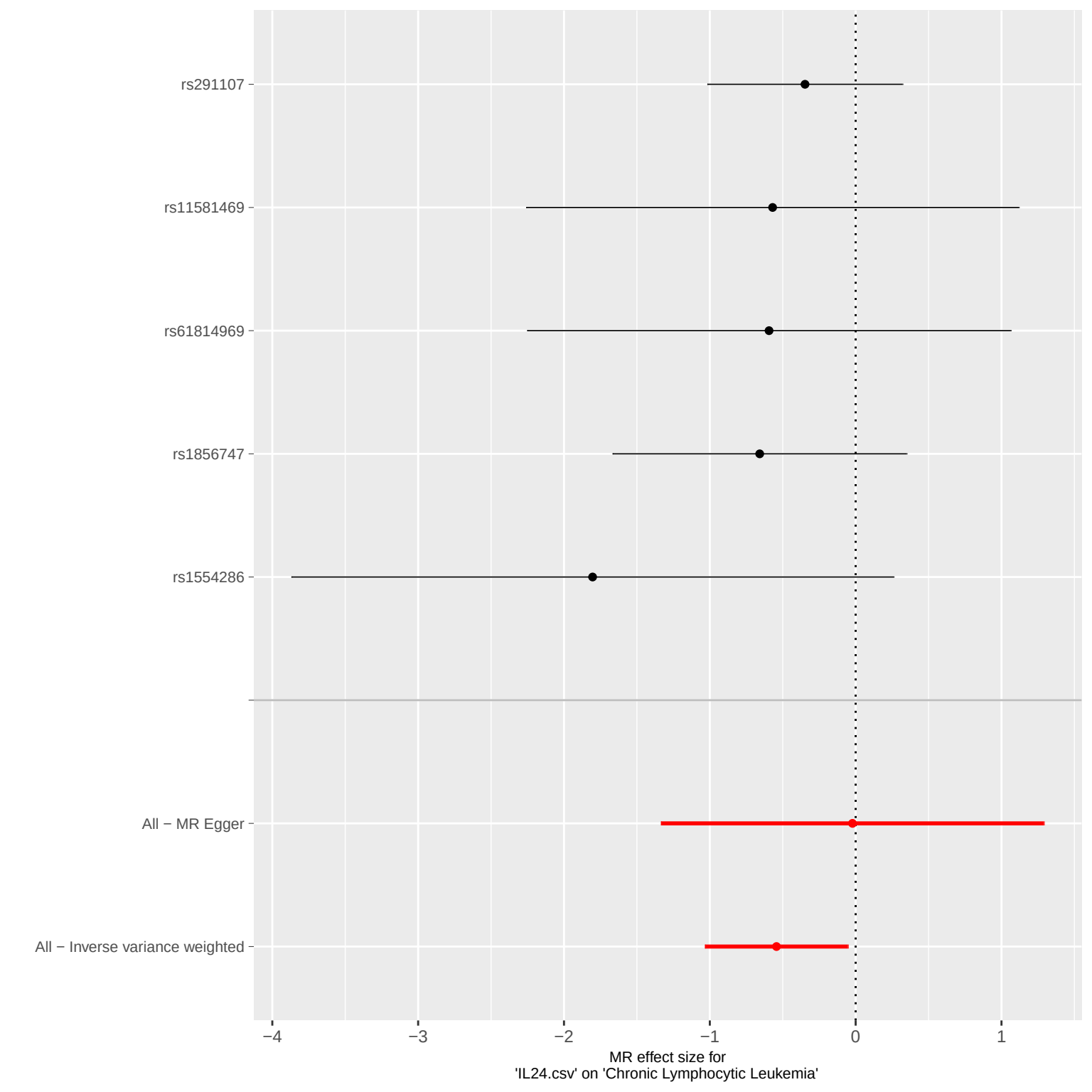
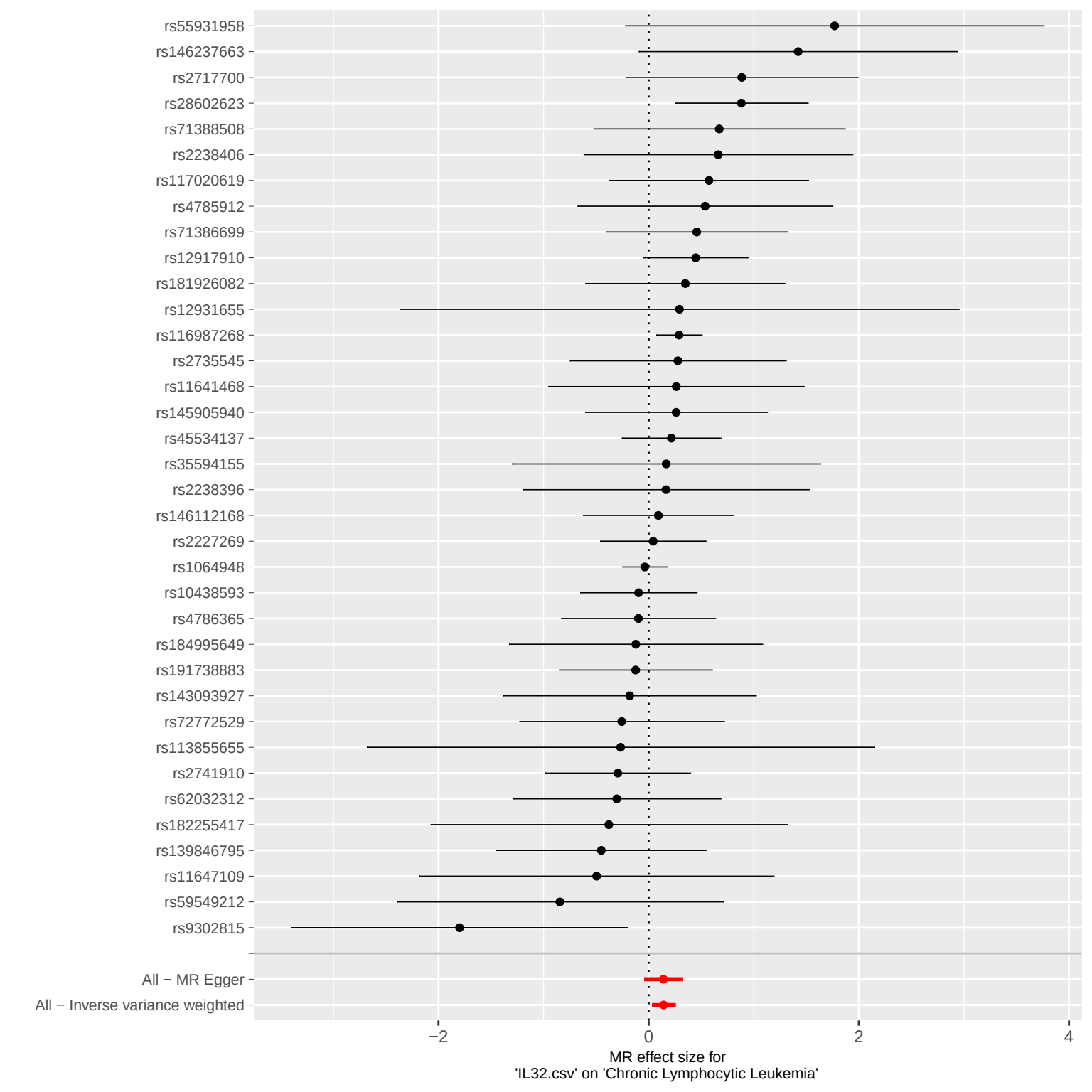
rs11677922
rs114696516
rs58793722
rs3917296
rs116557155
rs1468790
rs79739102
rs11676124
rs6709515
rs6543139
rs36078571
rs10515922
rs75452014
rs6752589
rs10203724
rs4851542
rs112254084
rs11465575
rs74909818
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'IL18R1.csv' on 'Chronic Lymphocytic Leukemia'


rs291107
rs11581469
rs61814969
rs1856747
rs1554286
All − MR Egger
All − Inverse variance weighted
−4
−3
−2
−1
0
1
MR effect size for
'IL24.csv' on 'Chronic Lymphocytic Leukemia'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rs143093927
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rs182255417
rs139846795
rs11647109
rs59549212
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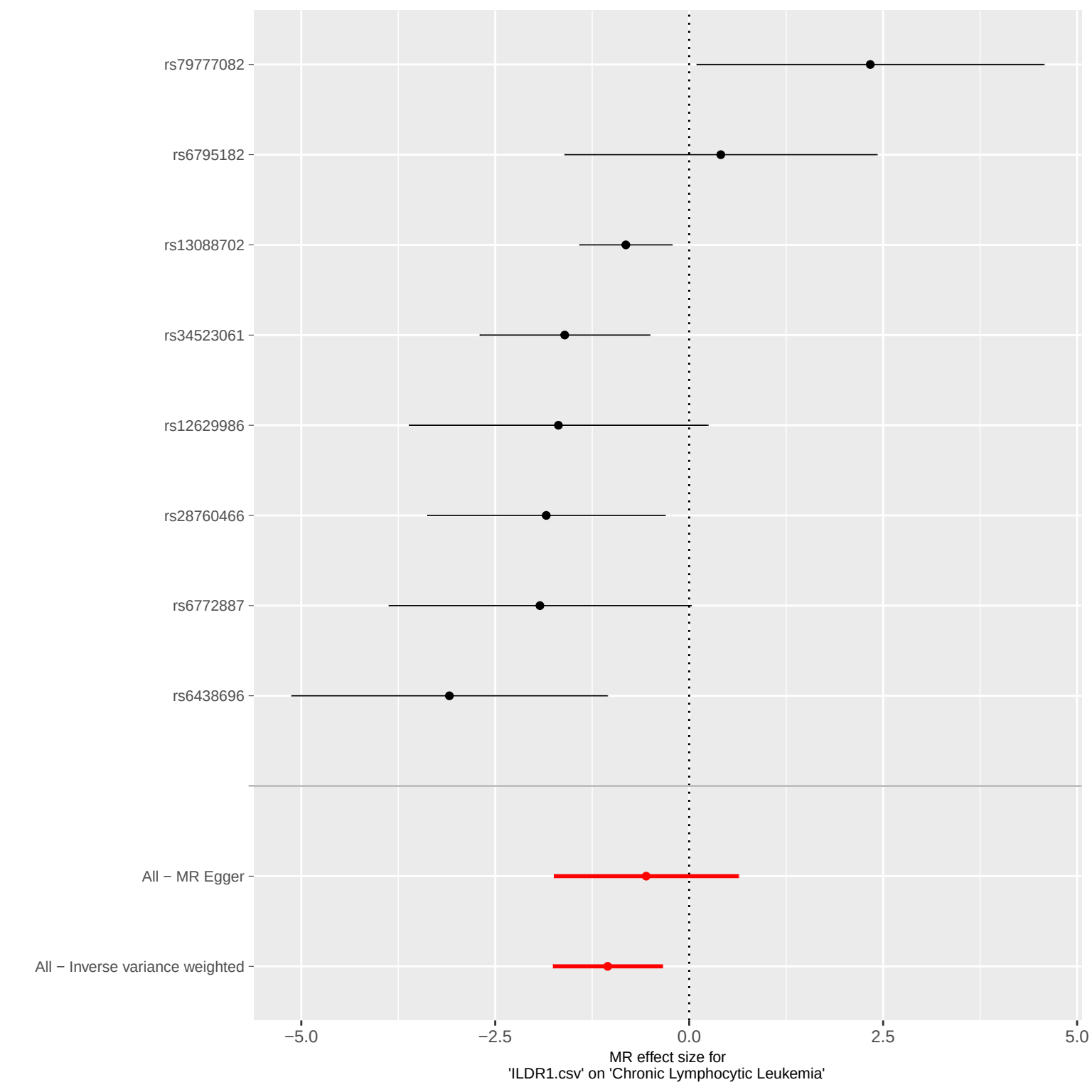
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'IL32.csv' on 'Chronic Lymphocytic Leukemia'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rs6795182
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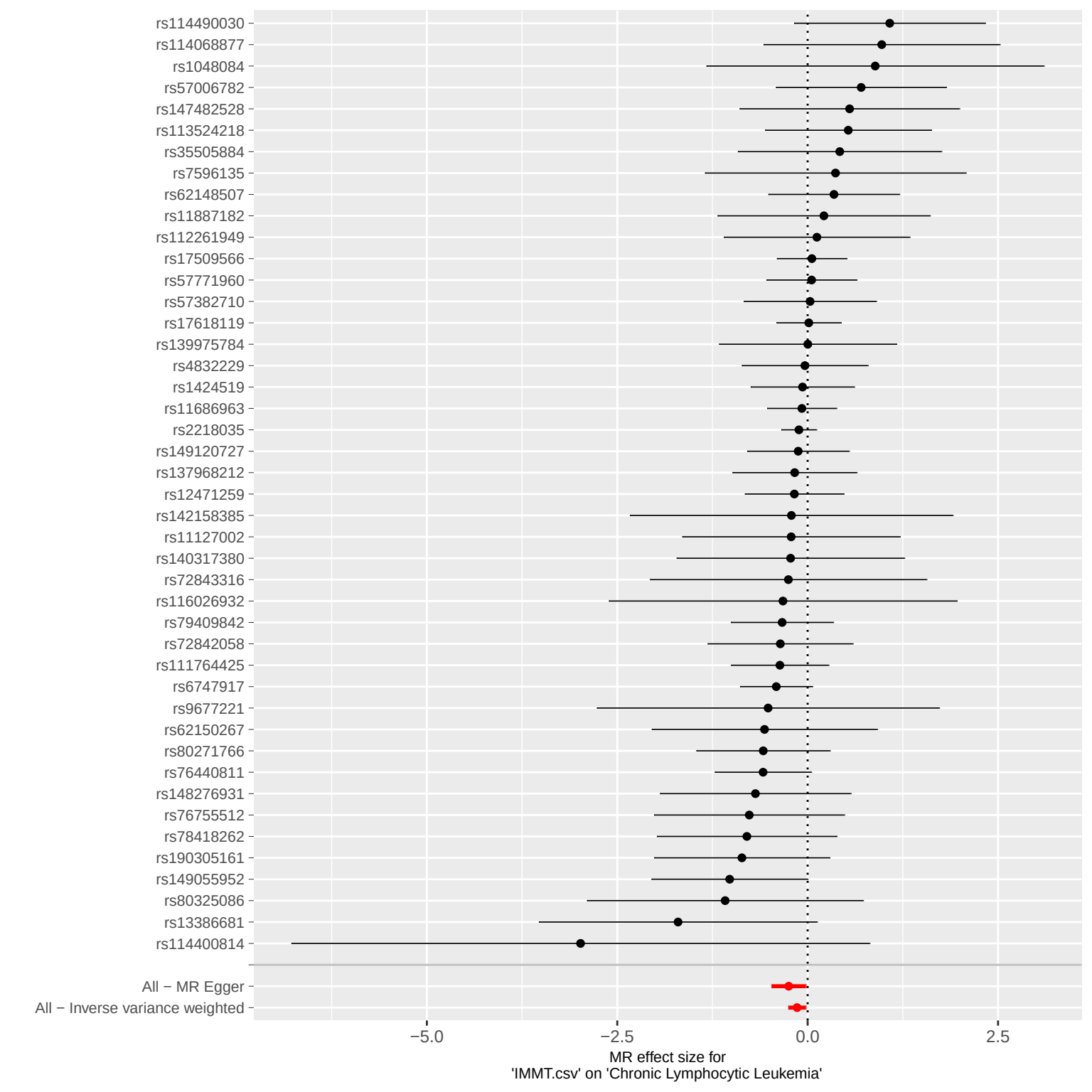
rs34523061
rs12629986
rs28760466
rs6772887
rs6438696
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ILDR1.csv' on 'Chronic Lymphocytic Leukemia'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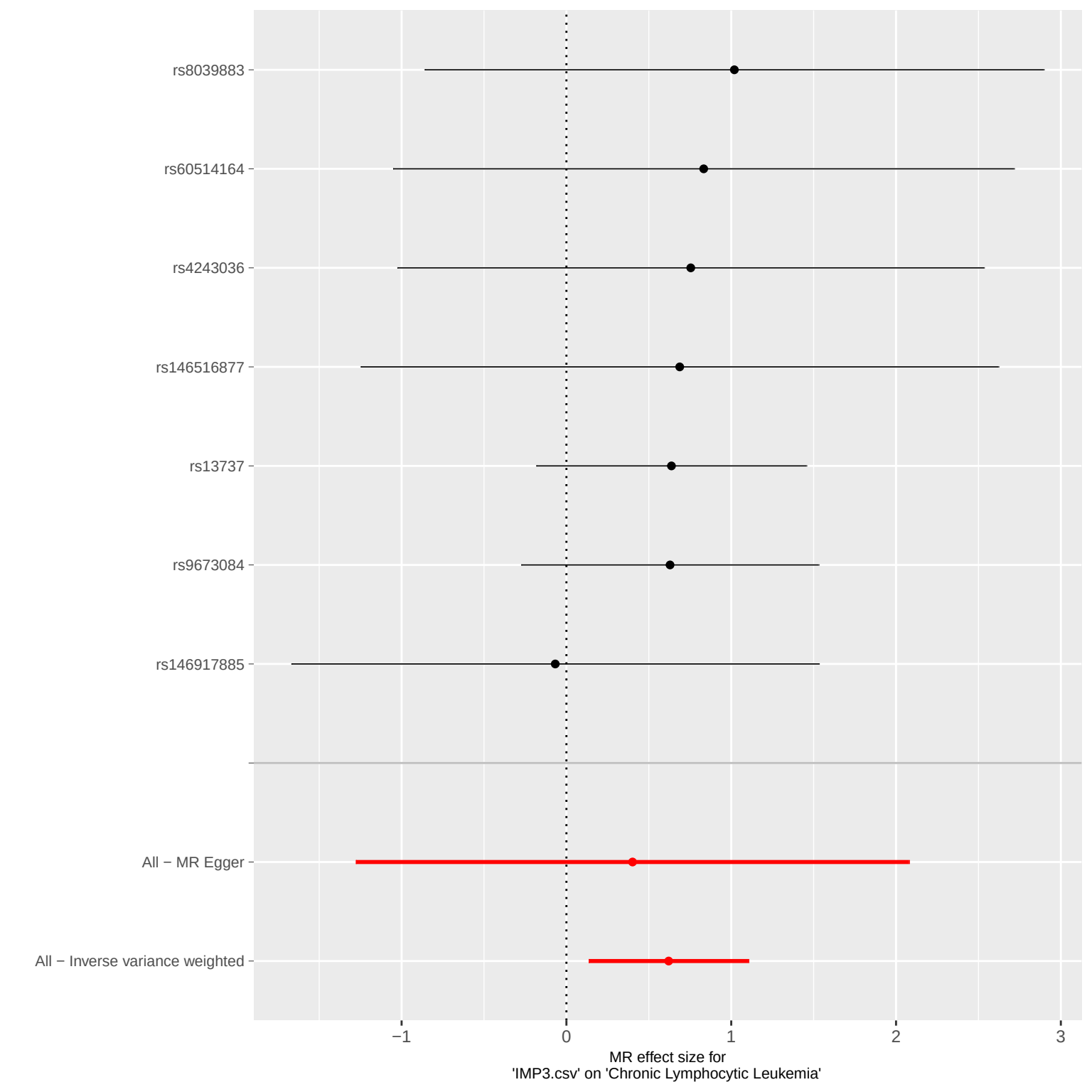
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'IMMT.csv' on 'Chronic Lymphocytic Leukemia'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rs4243036
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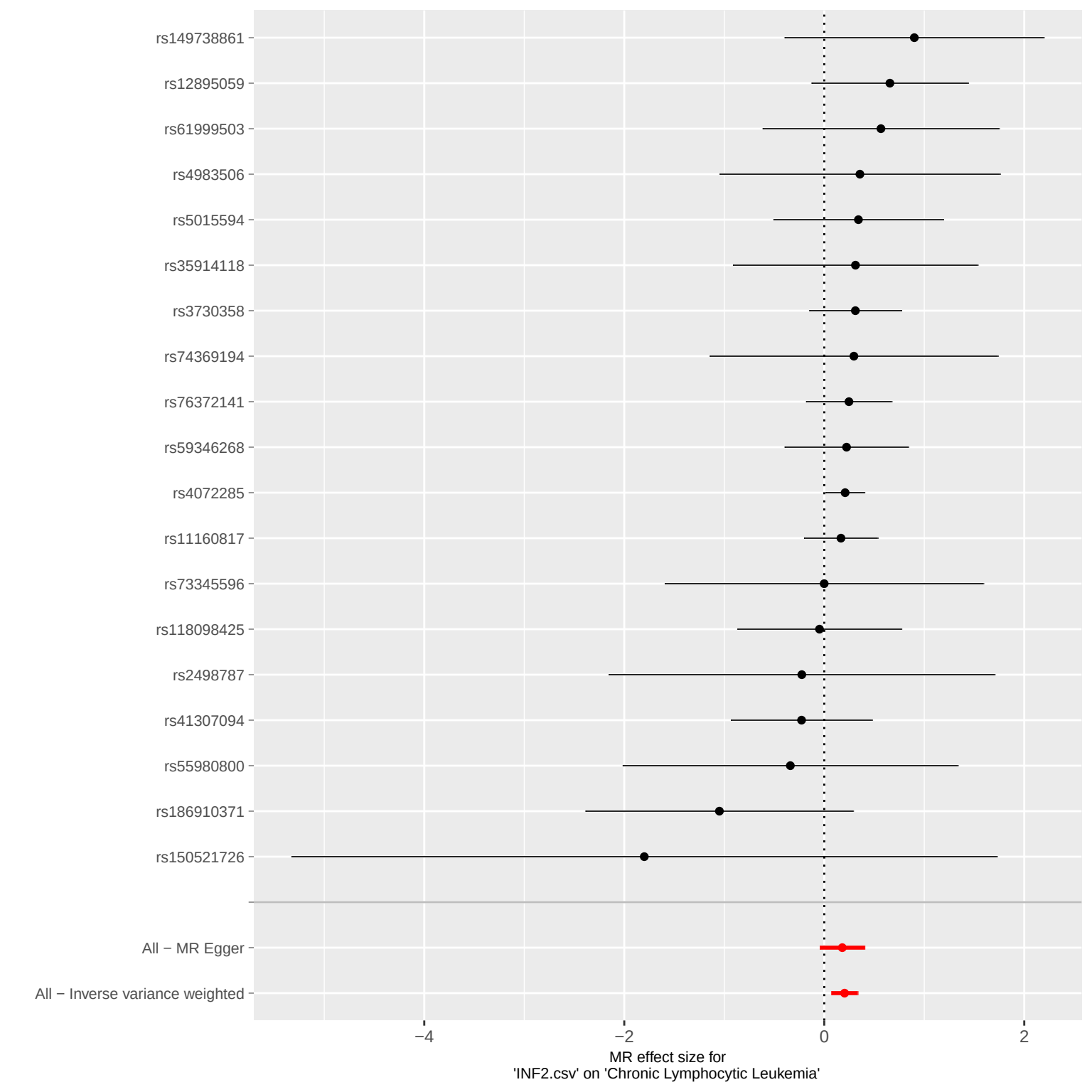
rs13737
rs9673084
rs146917885
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'IMP3.csv' on 'Chronic Lymphocytic Leukemia'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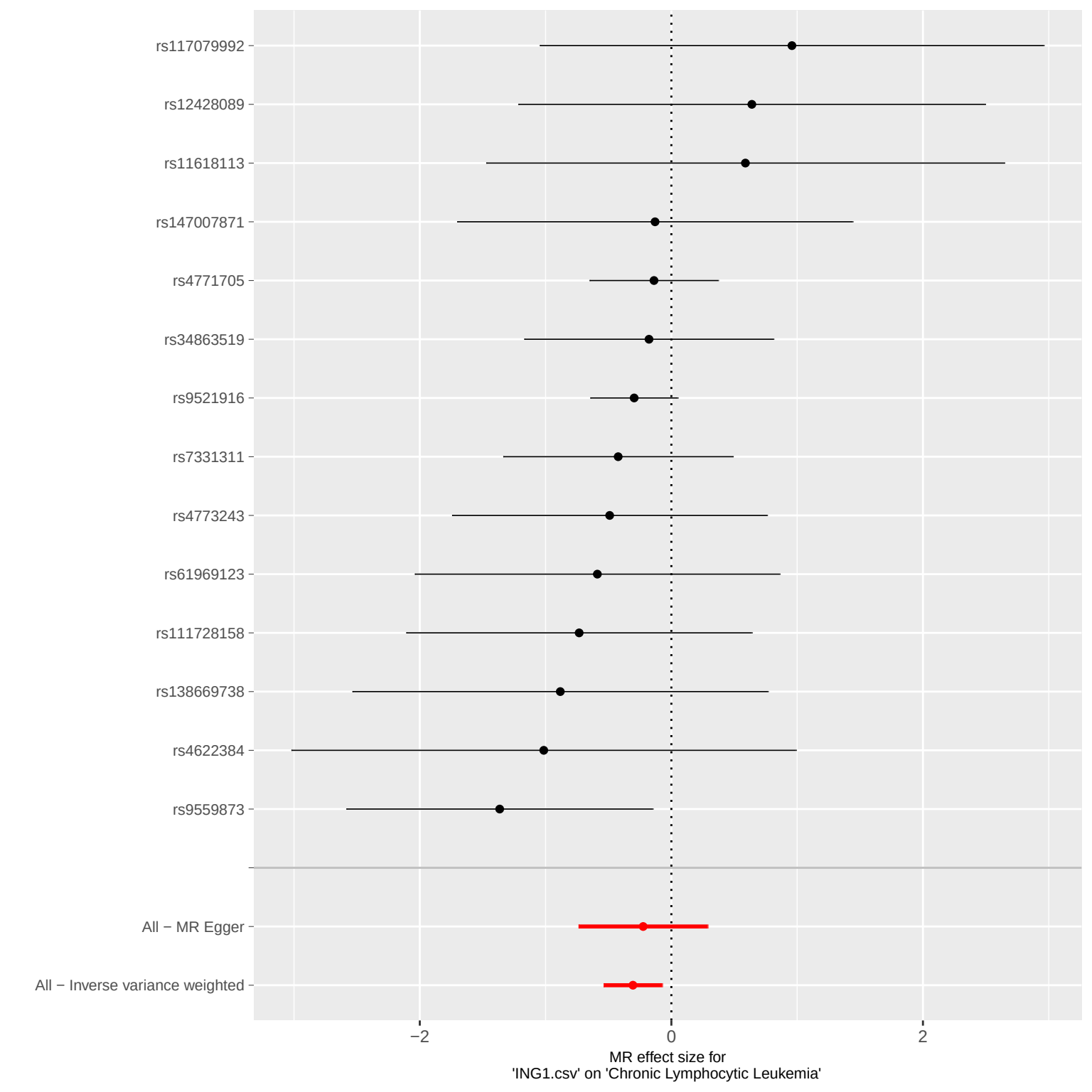
rs4072285
rs11160817
rs73345596
rs118098425
rs2498787
rs41307094
rs55980800
rs186910371
rs150521726
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'INF2.csv' on 'Chronic Lymphocytic Leukemia'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rs147007871
rs4771705
rs34863519
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rs7331311
rs4773243
rs61969123
rs111728158
rs138669738
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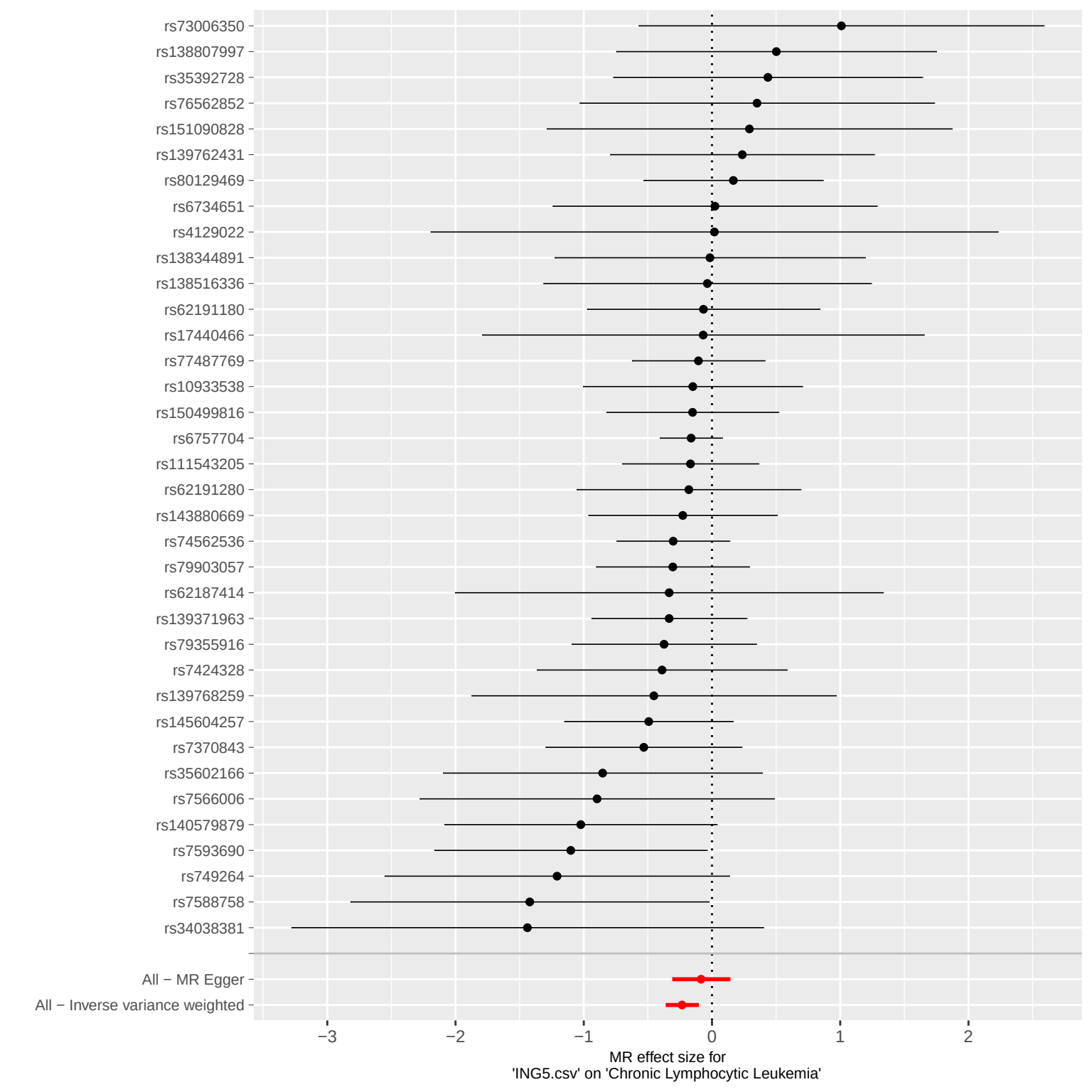
rs9559873
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ING1.csv' on 'Chronic Lymphocytic Leukemia'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rs74562536
rs79903057
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rs7424328
rs139768259
rs145604257
rs7370843
rs35602166
rs7566006
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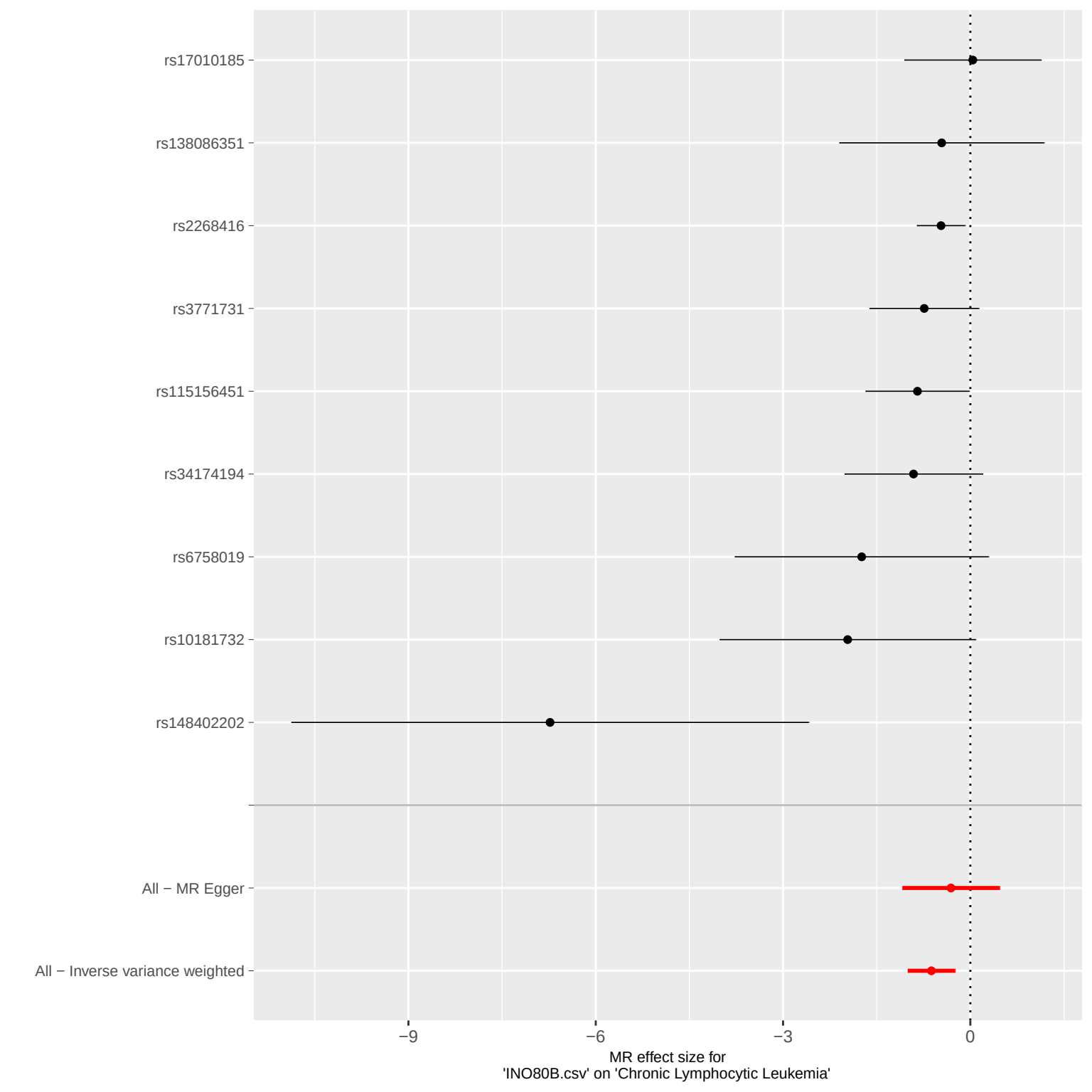
rs7593690
rs749264
rs7588758
rs34038381
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ING5.csv' on 'Chronic Lymphocytic Leukemia'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rs6758019
rs10181732
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All − MR Egger
All − Inverse variance weighted
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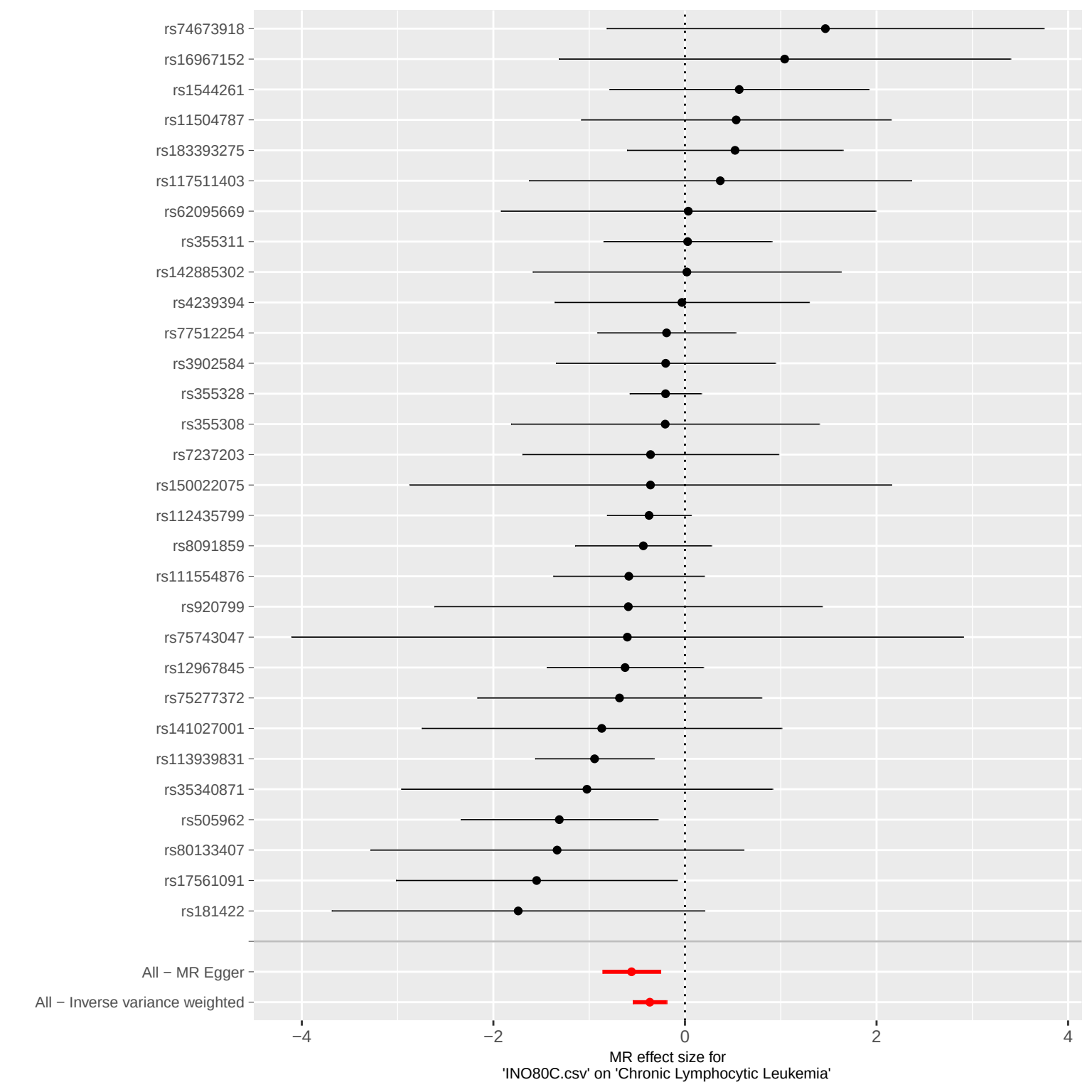
−6
−3
0
MR effect size for
'INO80B.csv' on 'Chronic Lymphocytic Leukemia'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rs7237203
rs150022075
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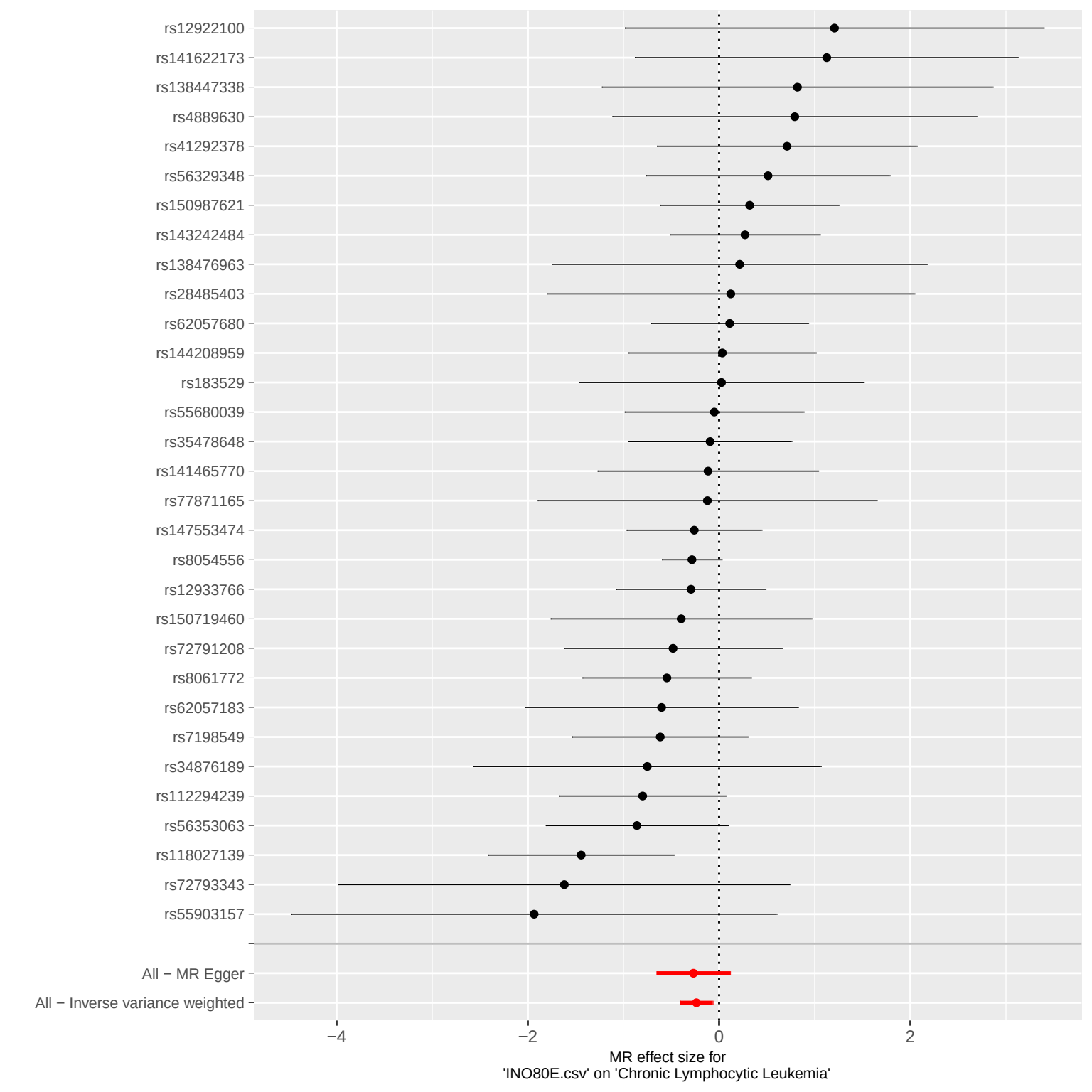
rs111554876
rs920799
rs75743047
rs12967845
rs75277372
rs141027001
rs113939831
rs35340871
rs505962
rs80133407
rs17561091
rs181422
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'INO80C.csv' on 'Chronic Lymphocytic Leukemia'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rs34876189
rs112294239
rs56353063
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rs72793343
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All − Inverse variance weighted
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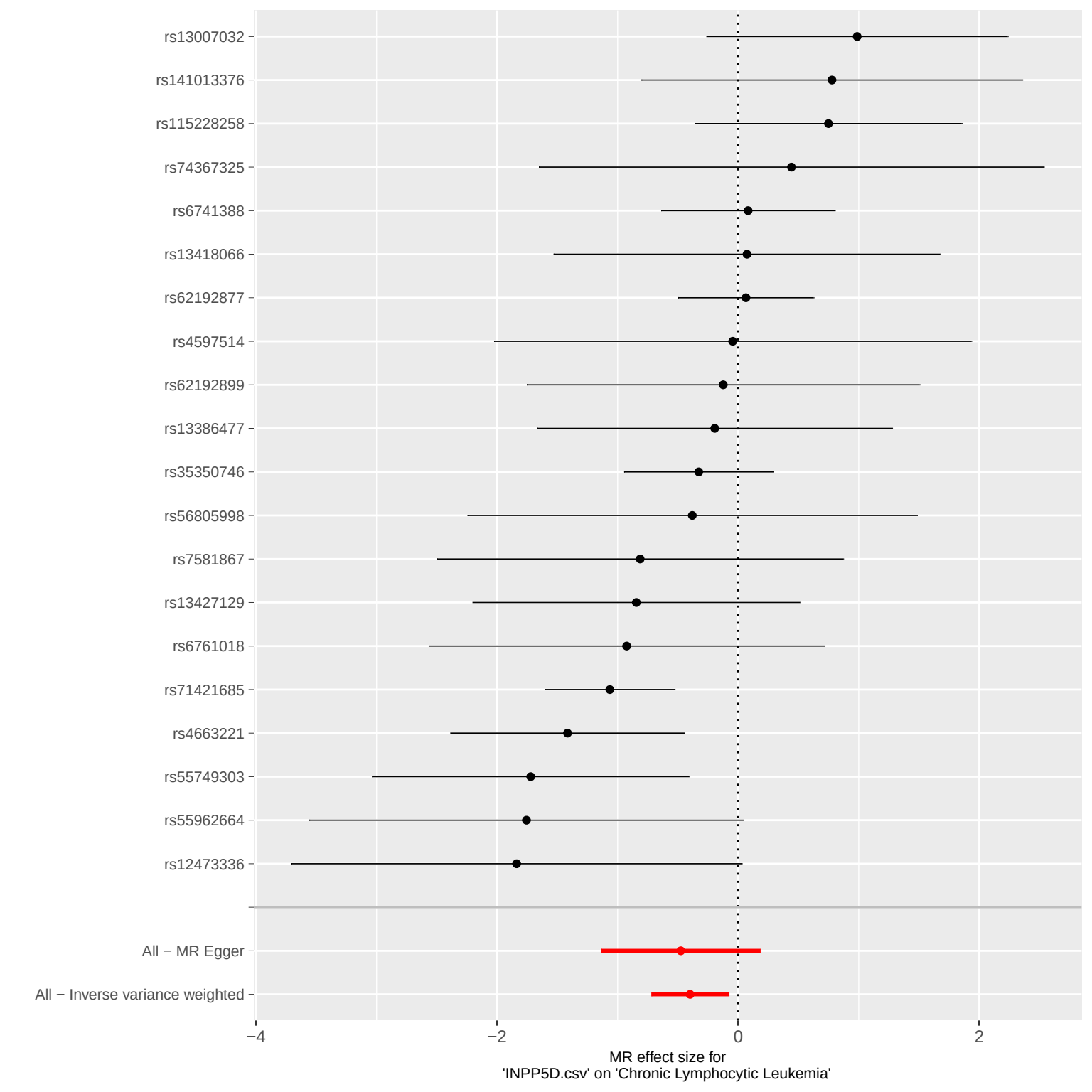
−2
0
2
MR effect size for
'INO80E.csv' on 'Chronic Lymphocytic Leukemia'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rs7581867
rs13427129
rs6761018
rs71421685
rs4663221
rs55749303
rs55962664
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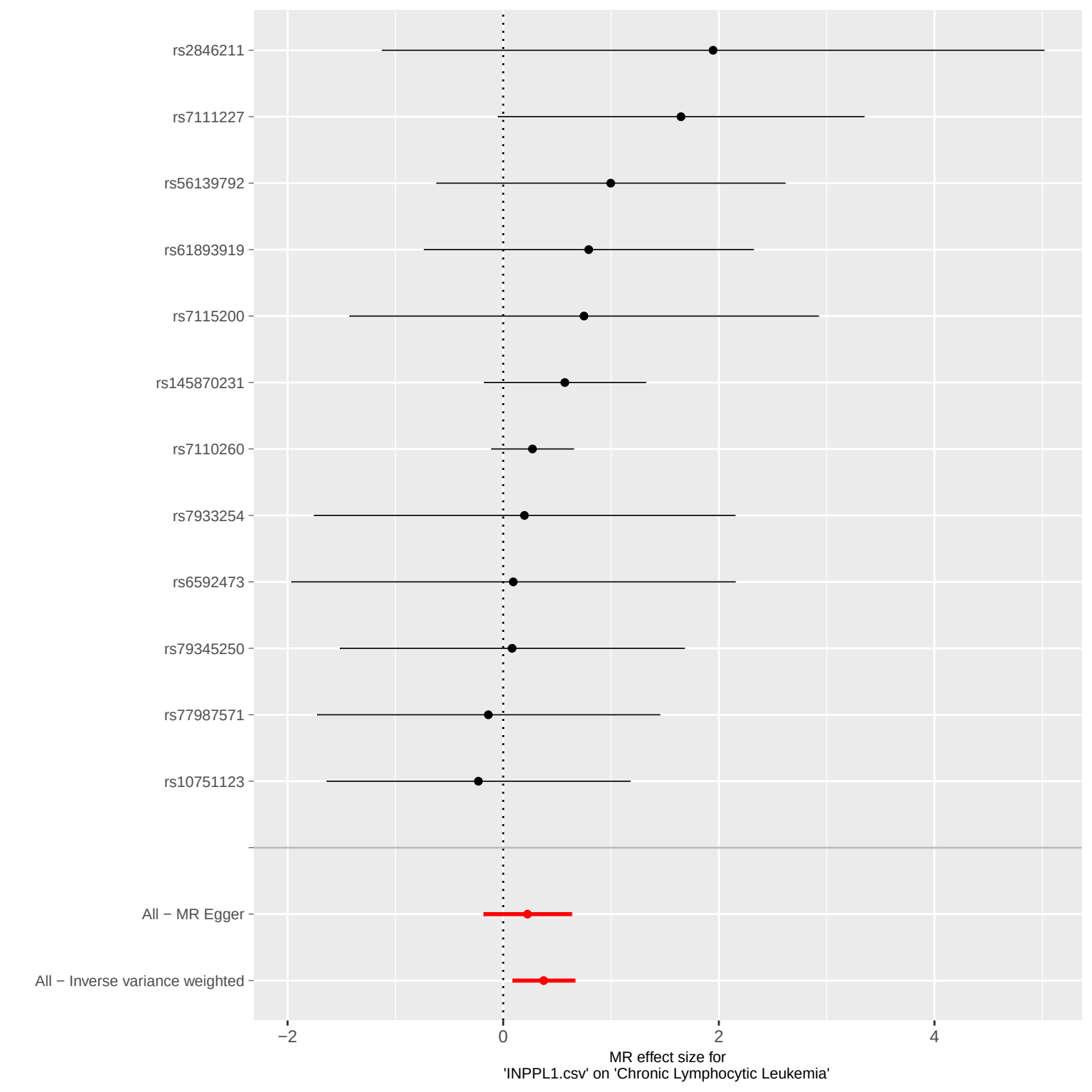
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'INPP5D.csv' on 'Chronic Lymphocytic Leukemia'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rs77987571
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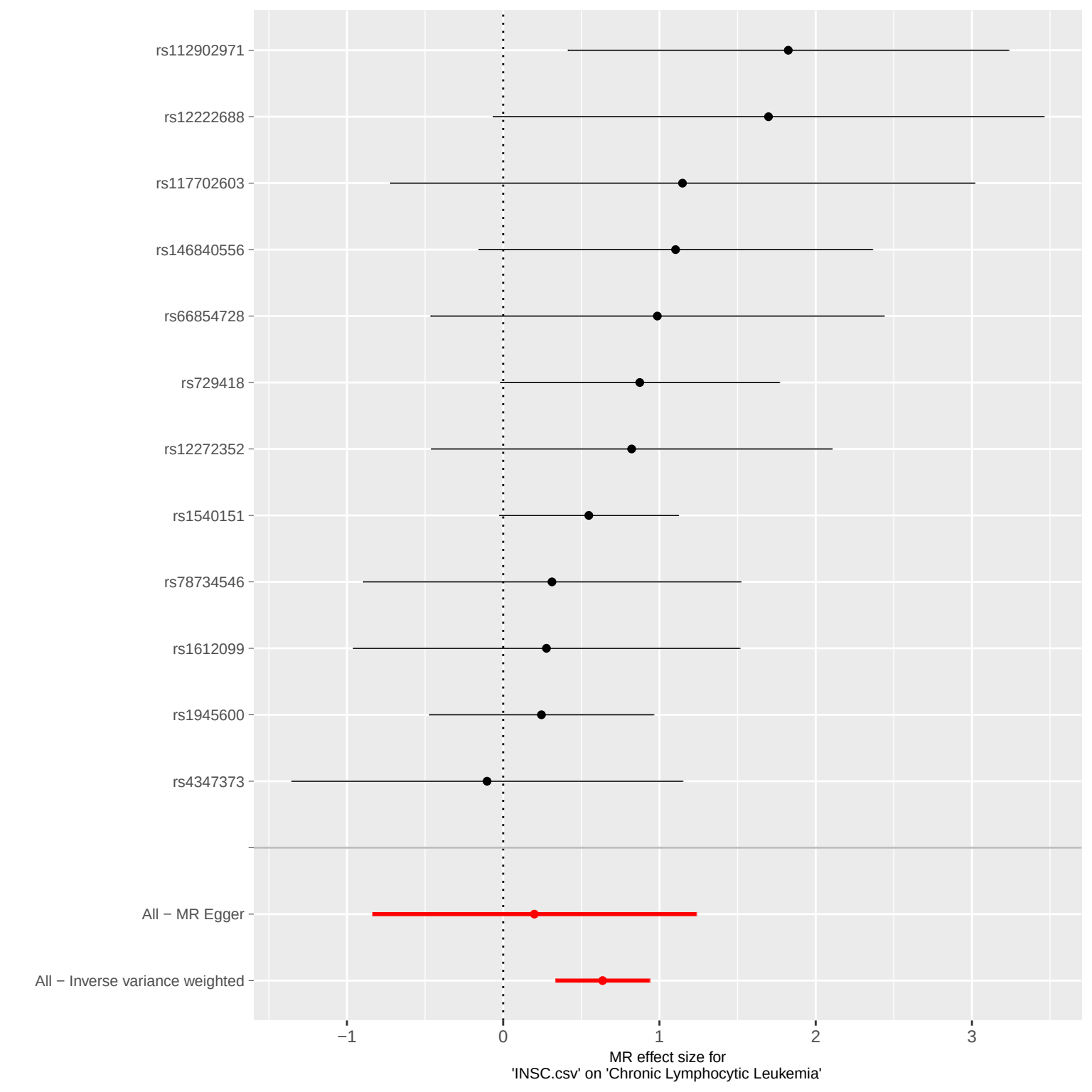
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'INPPL1.csv' on 'Chronic Lymphocytic Leukemia'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rs66854728
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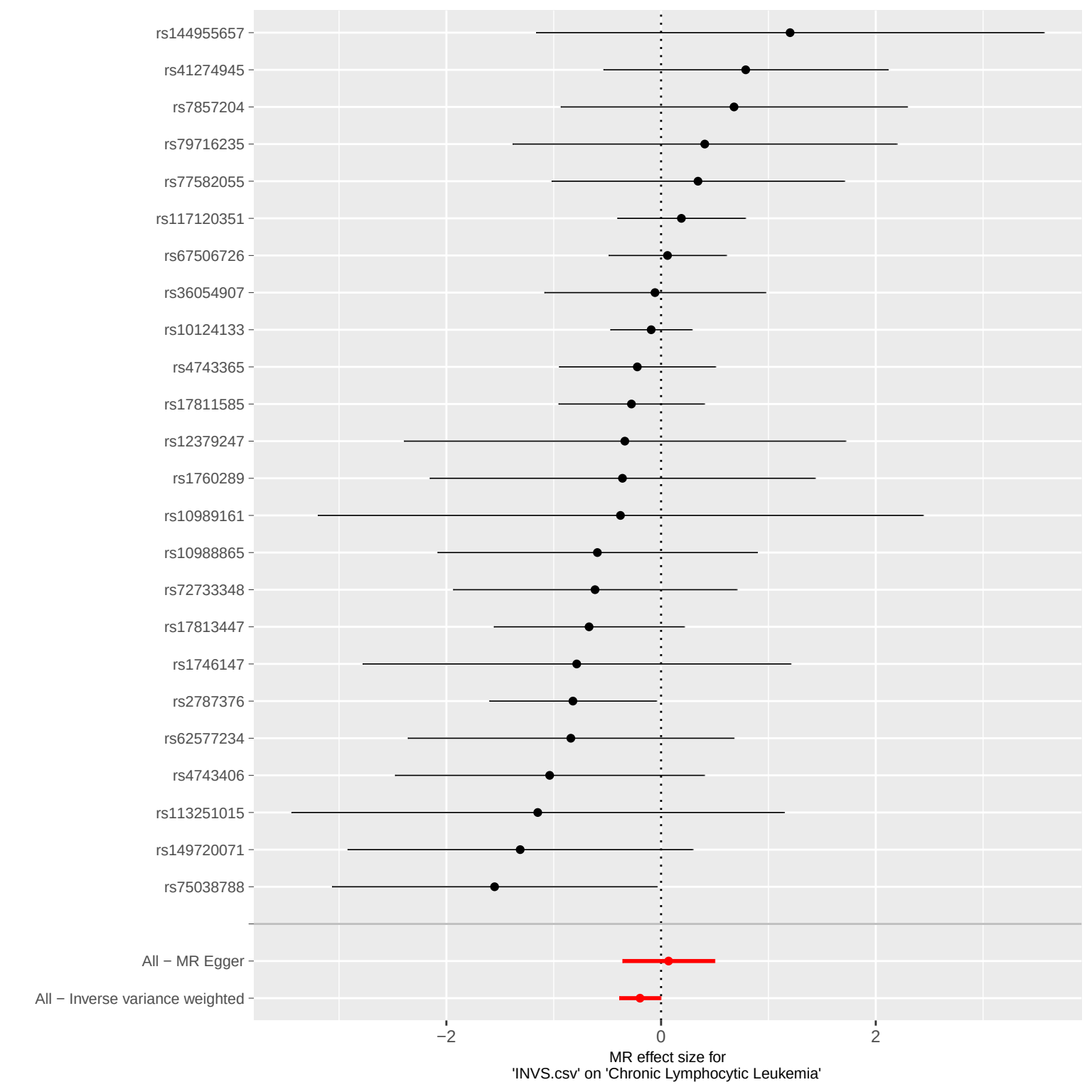
rs1540151
rs78734546
rs1612099
rs1945600
rs4347373
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'INSC.csv' on 'Chronic Lymphocytic Leukemia'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rs4743365
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rs12379247
rs1760289
rs10989161
rs10988865
rs72733348
rs17813447
rs1746147
rs2787376
rs62577234
rs4743406
rs113251015
rs149720071
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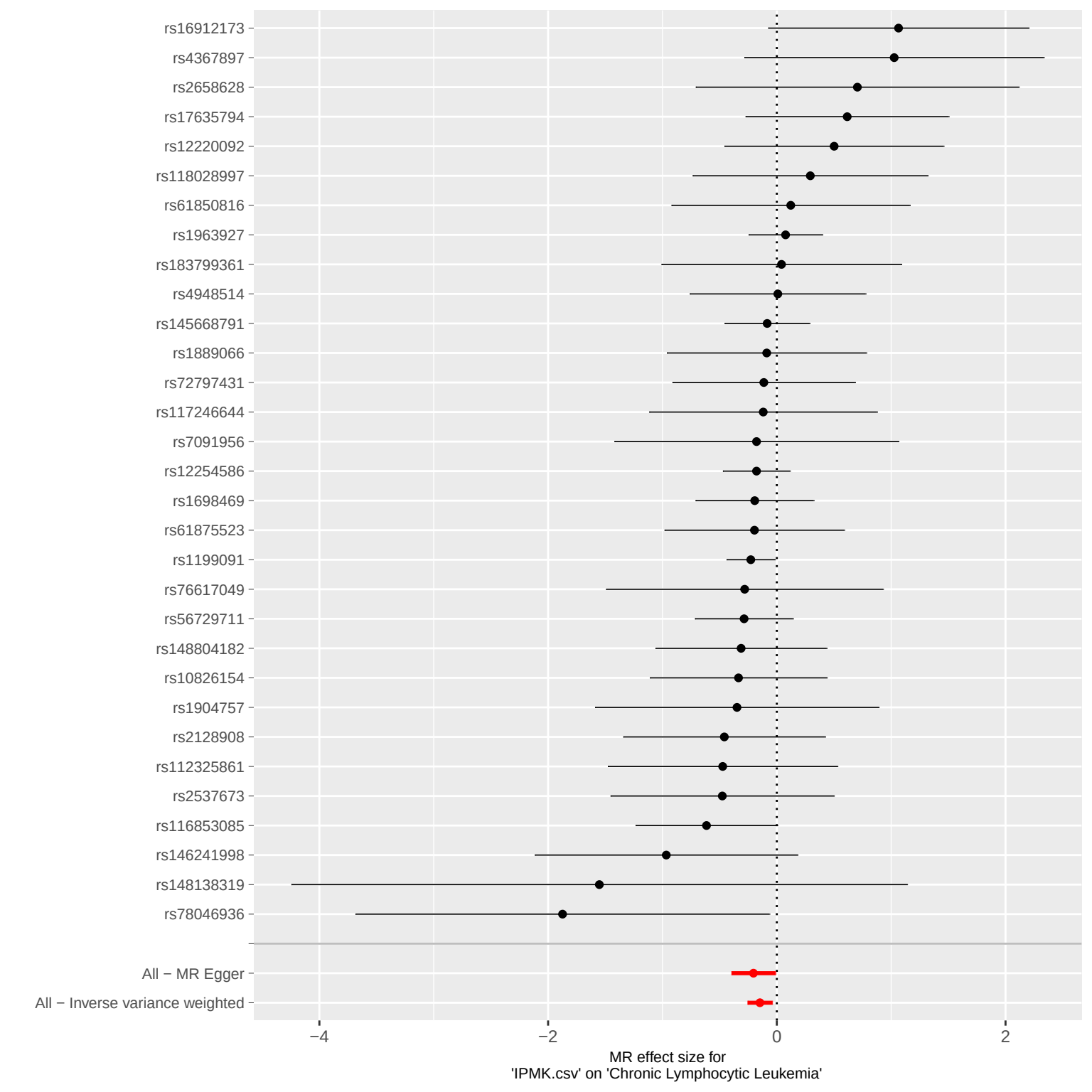
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'INVS.csv' on 'Chronic Lymphocytic Leukemia'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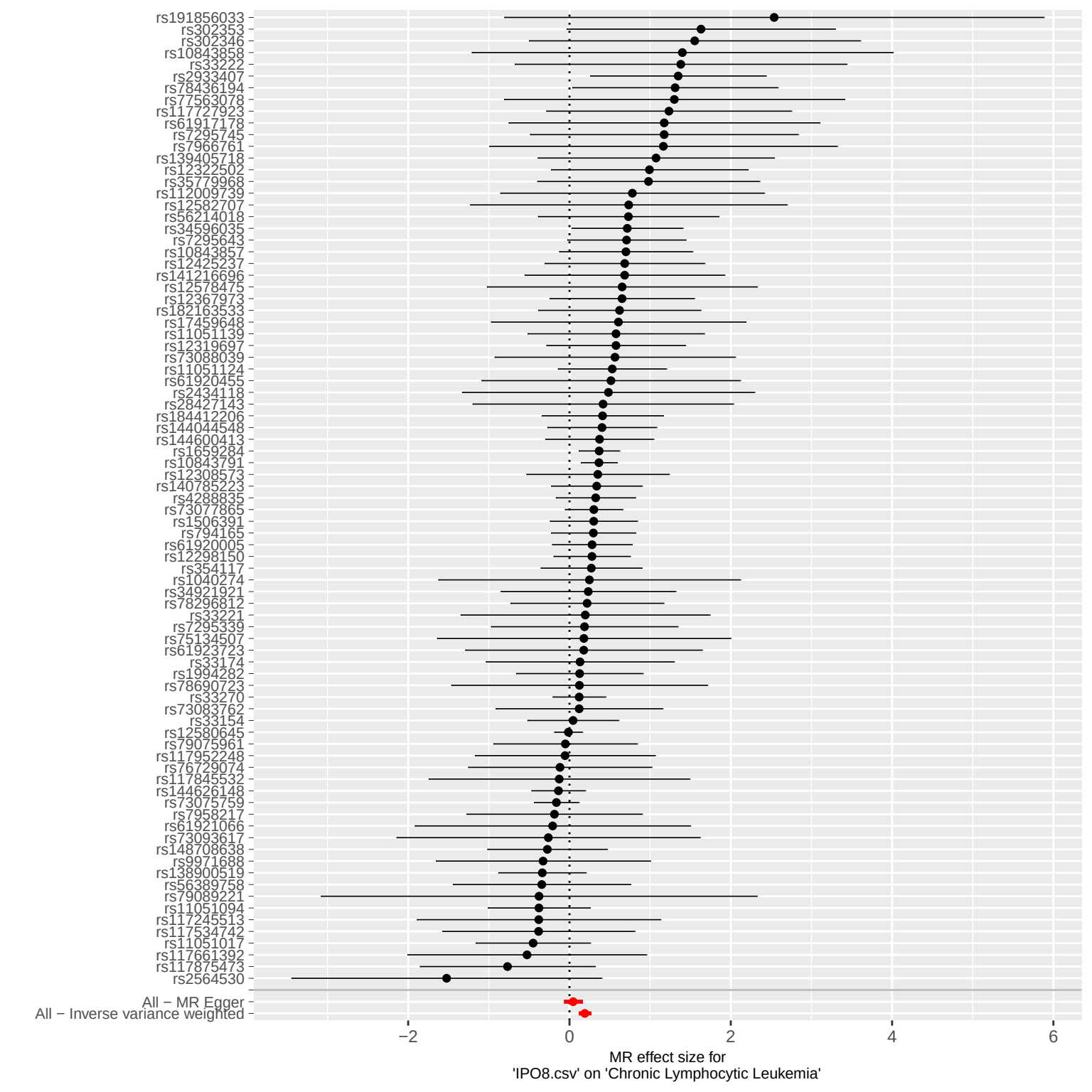
rs10826154
rs1904757
rs2128908
rs112325861
rs2537673
rs116853085
rs146241998
rs148138319
rs78046936
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IPMK.csv' on 'Chronic Lymphocytic Leukemia'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rs79089221
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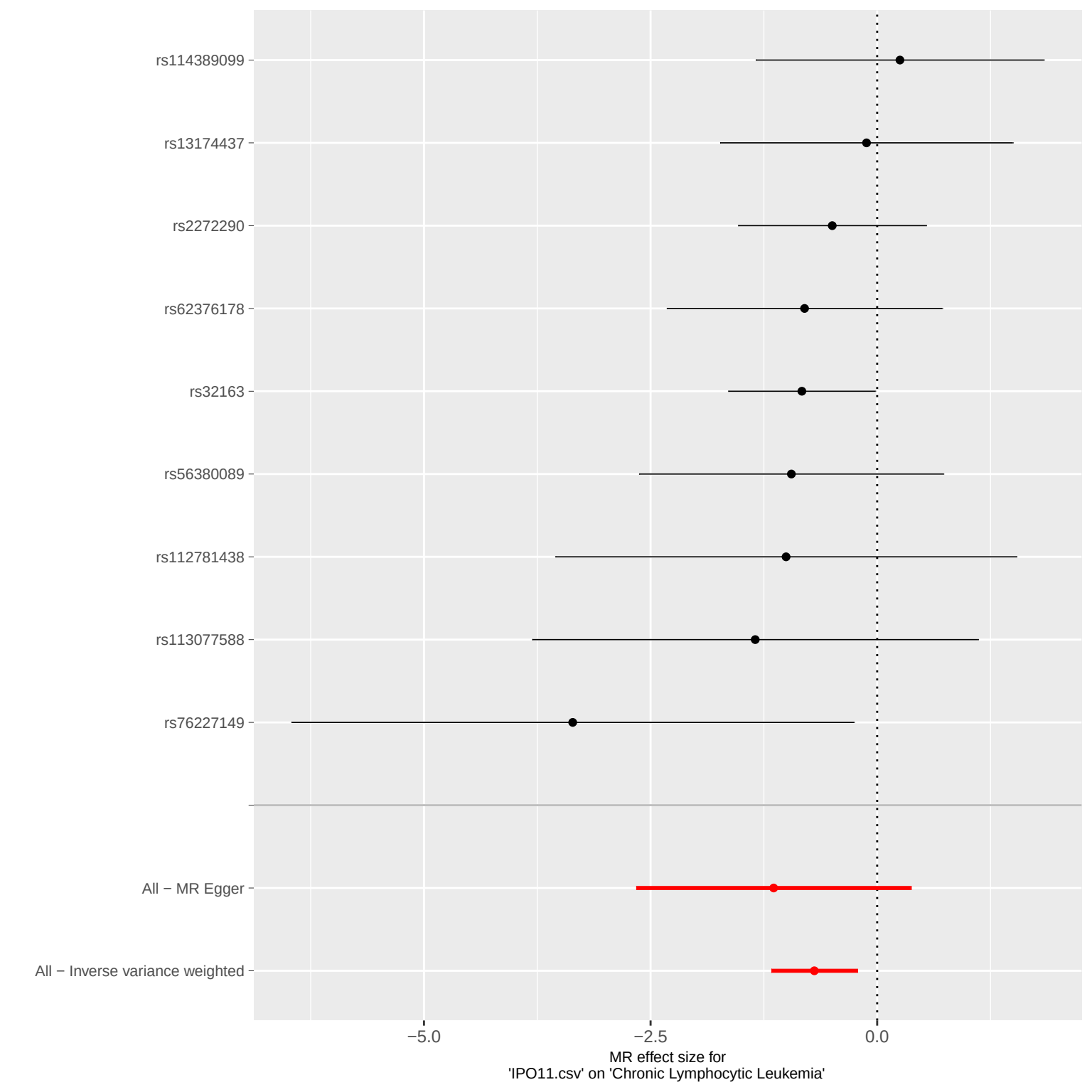
rs117245513
rs117534742
rs11051017
rs117661392
rs117875473
rs2564530
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'IPO8.csv' on 'Chronic Lymphocytic Leukemia'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rs56380089
rs112781438
rs113077588
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All − MR Egger
All − Inverse variance weighted
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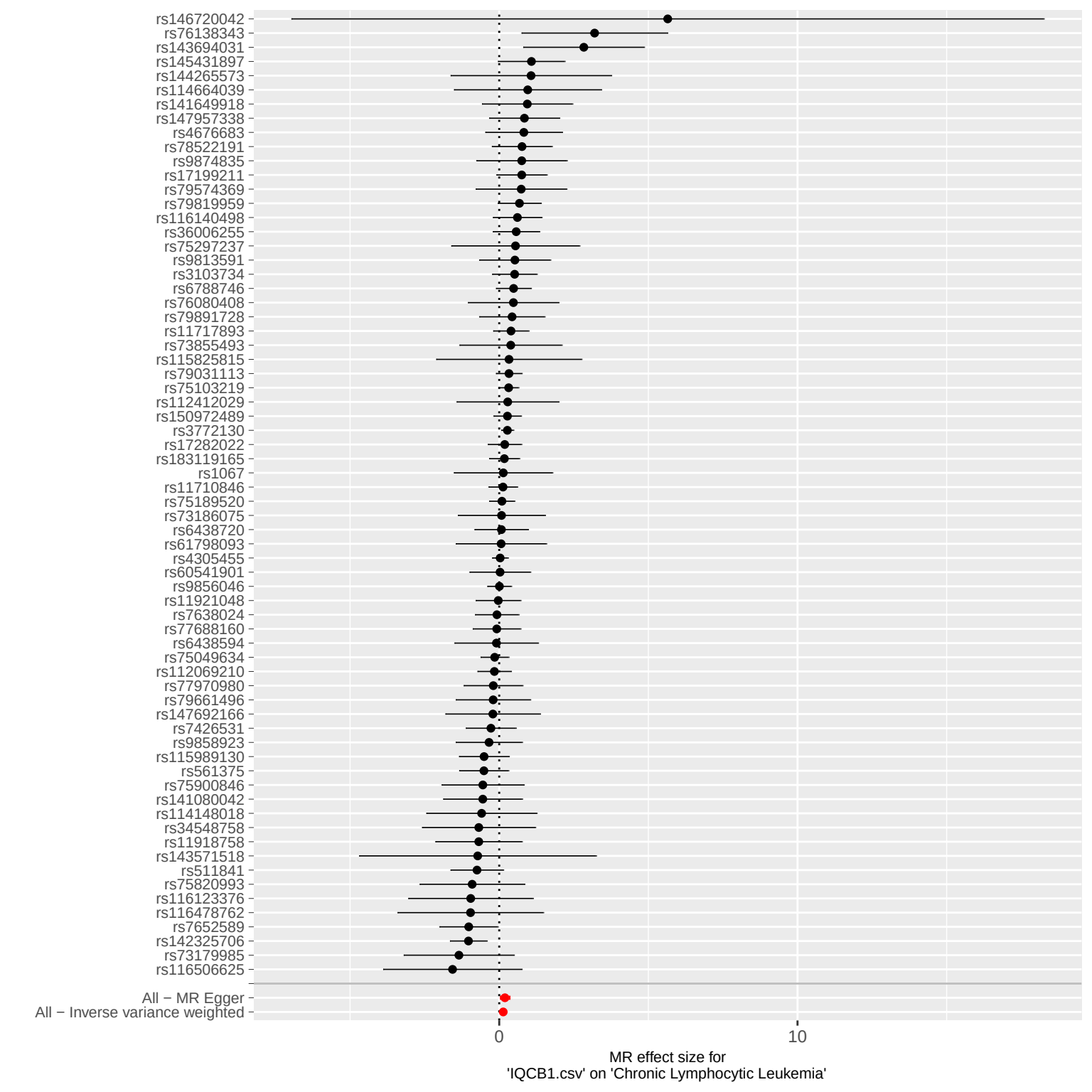
−2.5
0.0
MR effect size for
'IPO11.csv' on 'Chronic Lymphocytic Leukemia'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rs511841
rs75820993
rs116123376
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rs7652589
rs142325706
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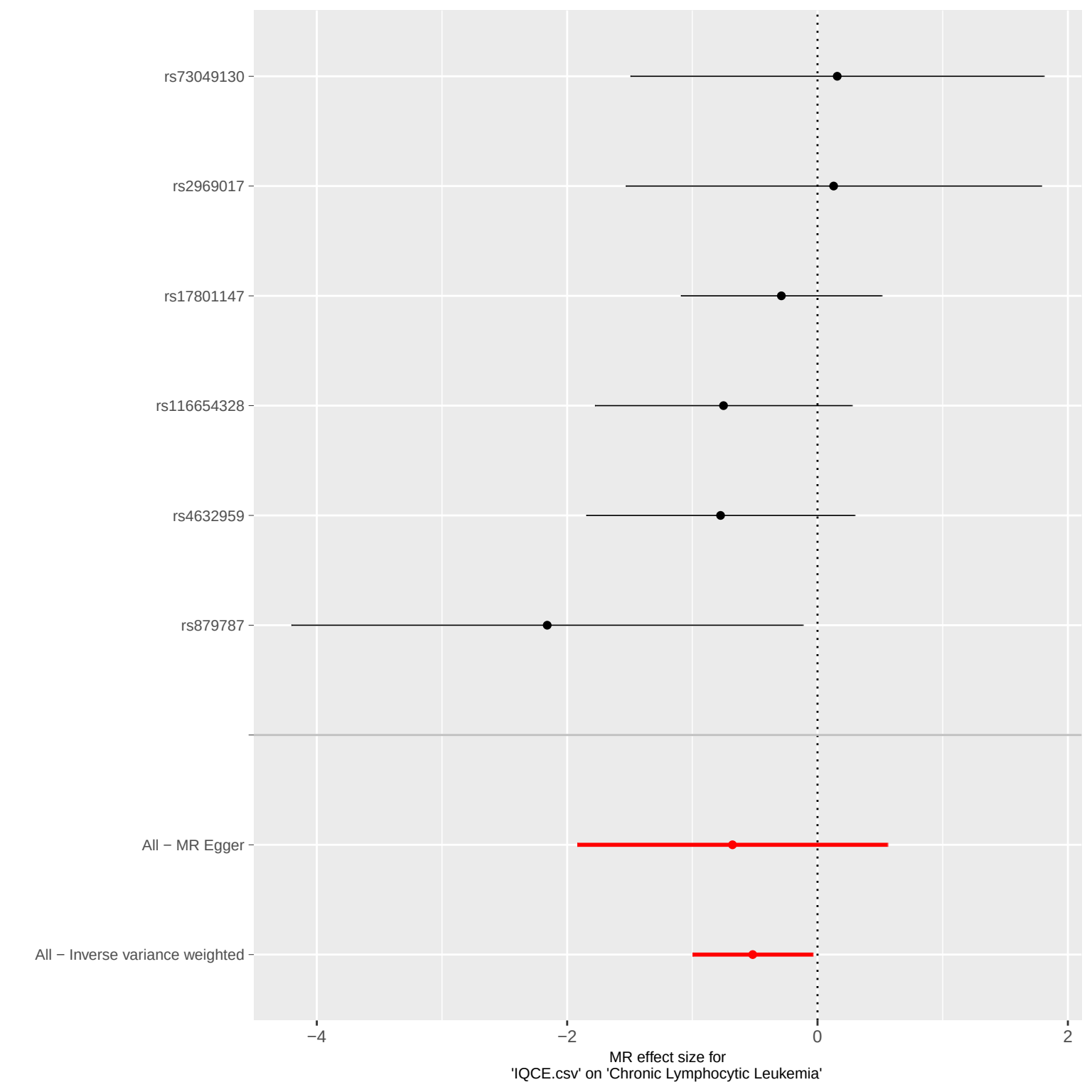
All − MR Egger
All − Inverse variance weighted
0
10
MR effect size for
'IQCB1.csv' on 'Chronic Lymphocytic Leukemia'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rs2969017
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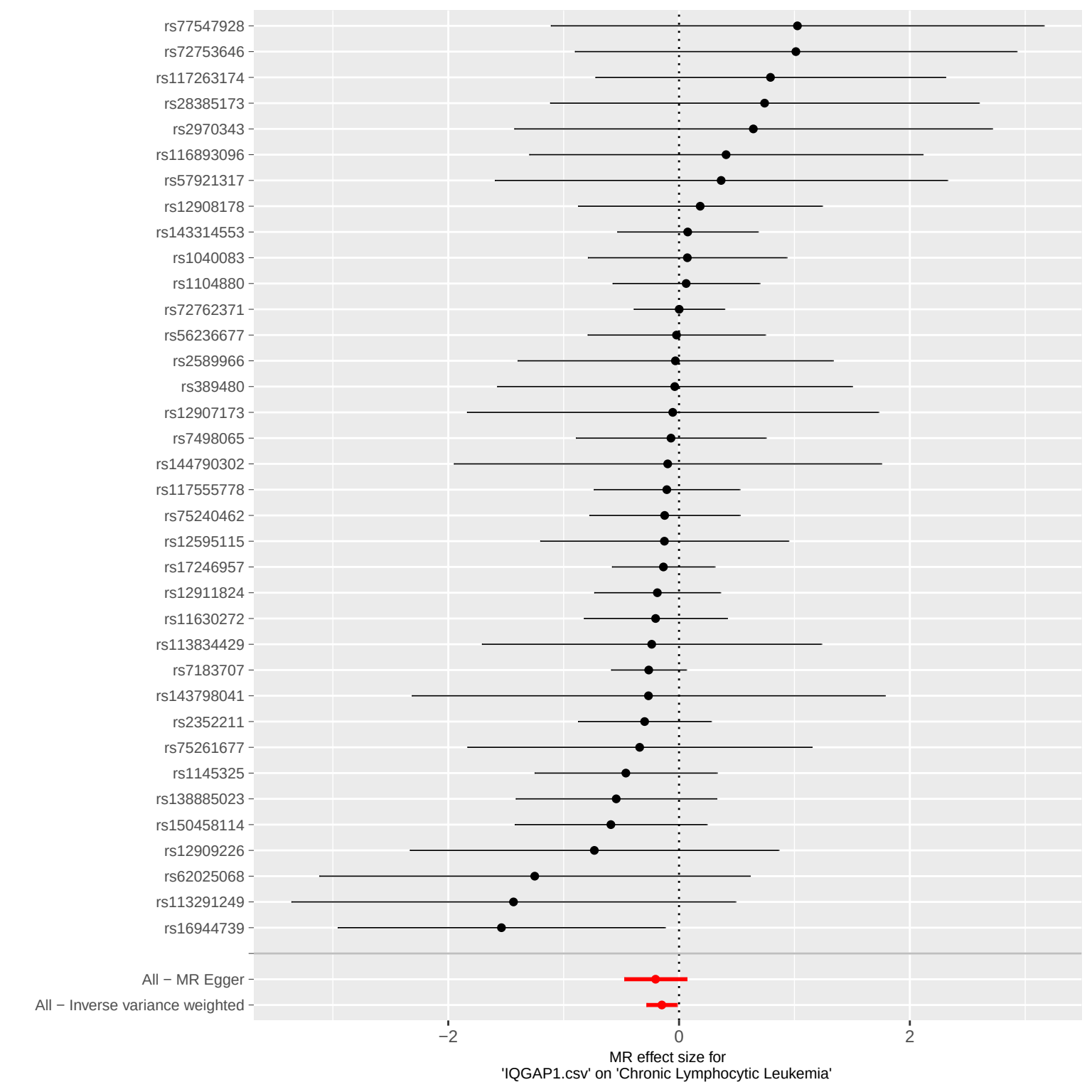
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'IQCE.csv' on 'Chronic Lymphocytic Leukemia'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rs138885023
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rs12909226
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rs113291249
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All − MR Egger
All − Inverse variance weighted
−2
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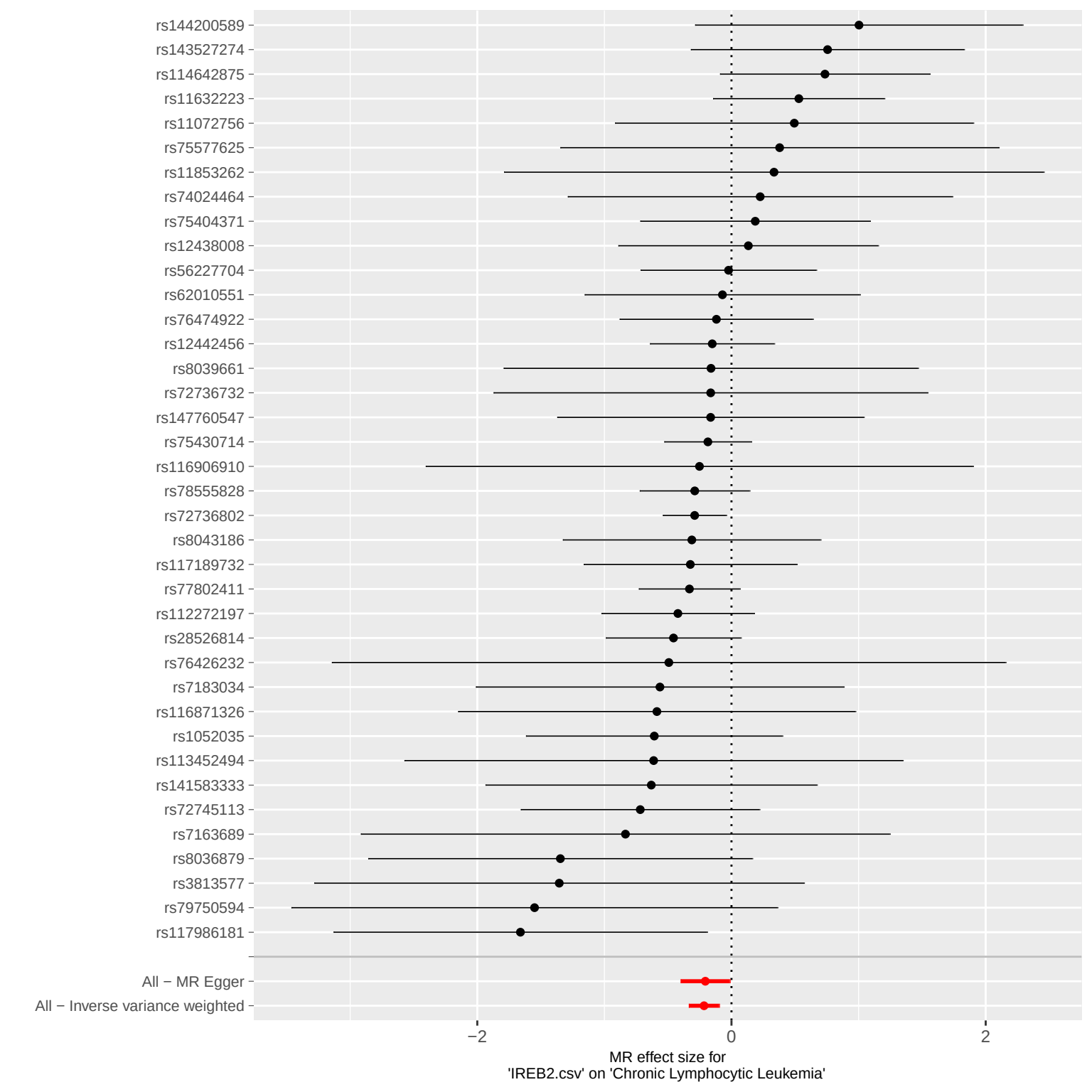
2
MR effect size for
'IQGAP1.csv' on 'Chronic Lymphocytic Leukemia'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rs7163689
rs8036879
rs3813577
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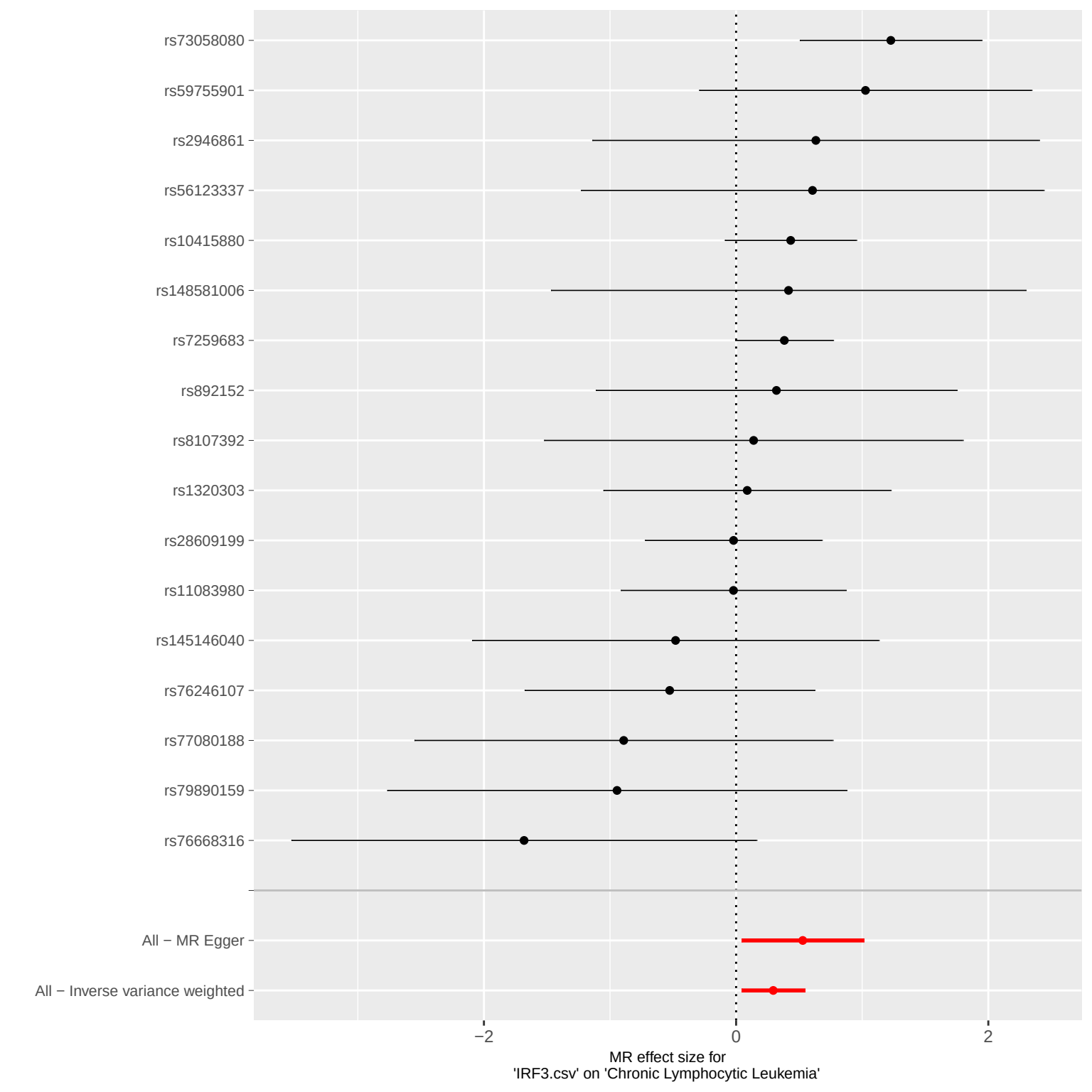
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'IREB2.csv' on 'Chronic Lymphocytic Leukemia'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rs79890159
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All − MR Egger
All − Inverse variance weighted
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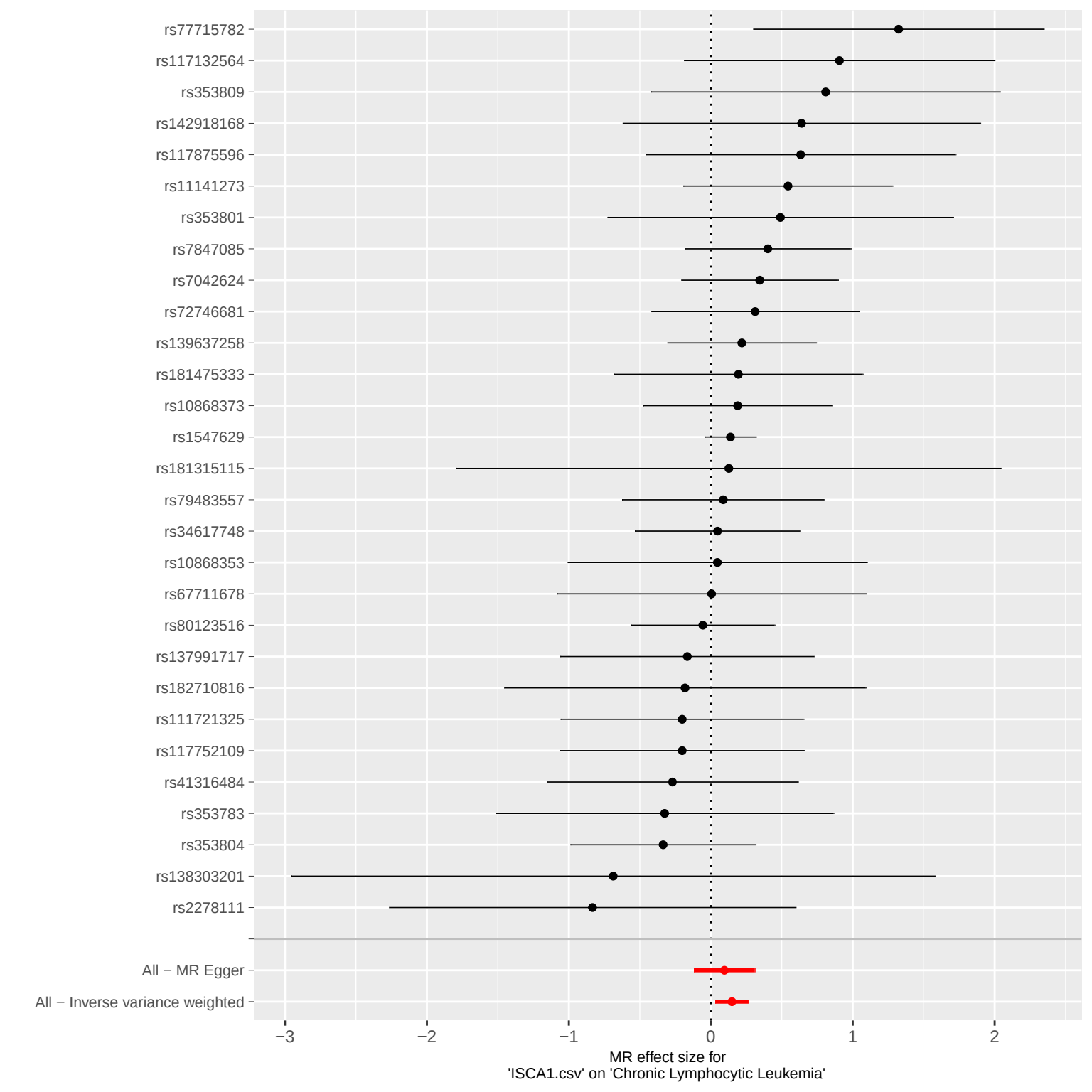
MR effect size for
'IRF3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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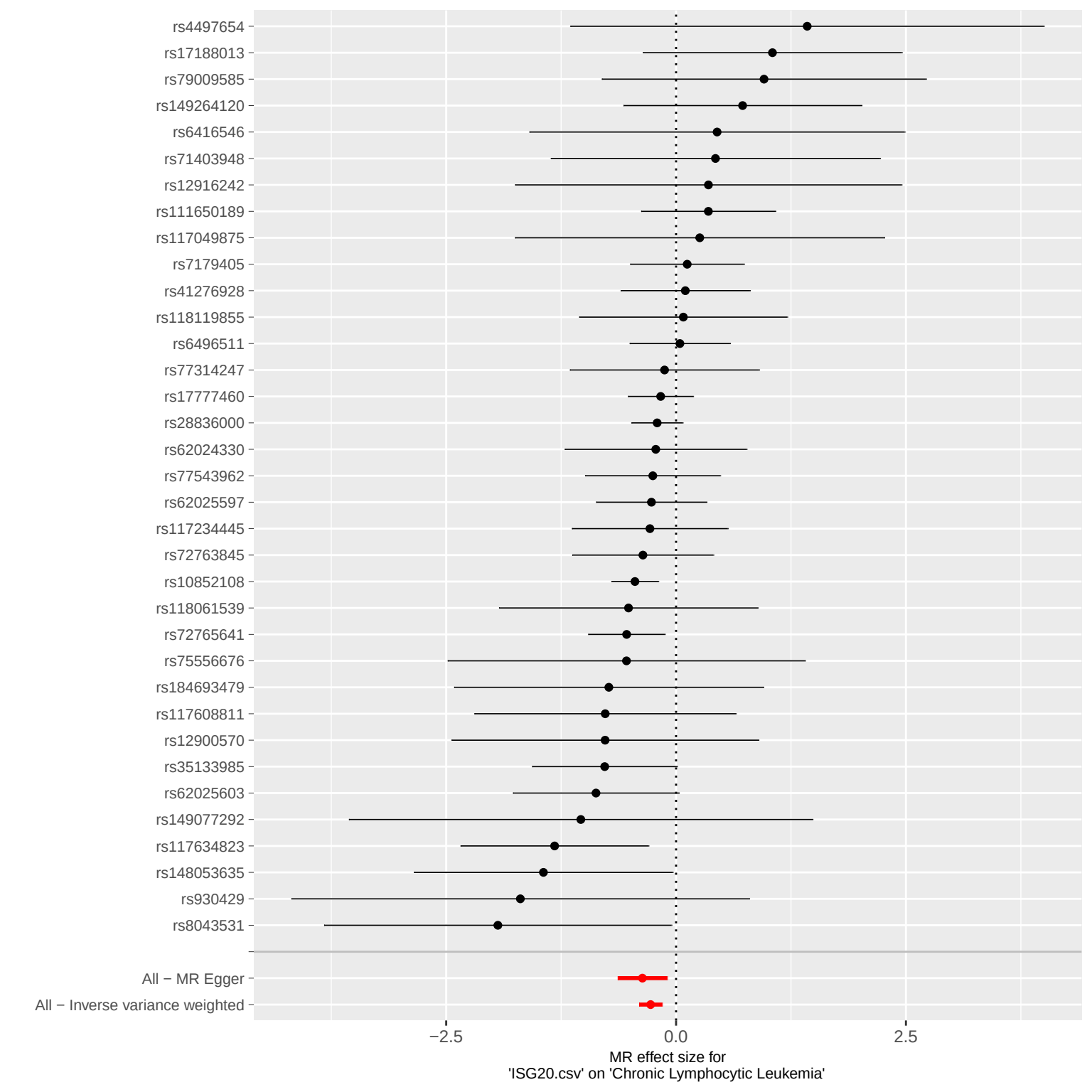
−2
−1
0
1
2
MR effect size for
'ISCA1.csv' on 'Chronic Lymphocytic Leukemia'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rs930429
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All − MR Egger
All − Inverse variance weighted
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0.0
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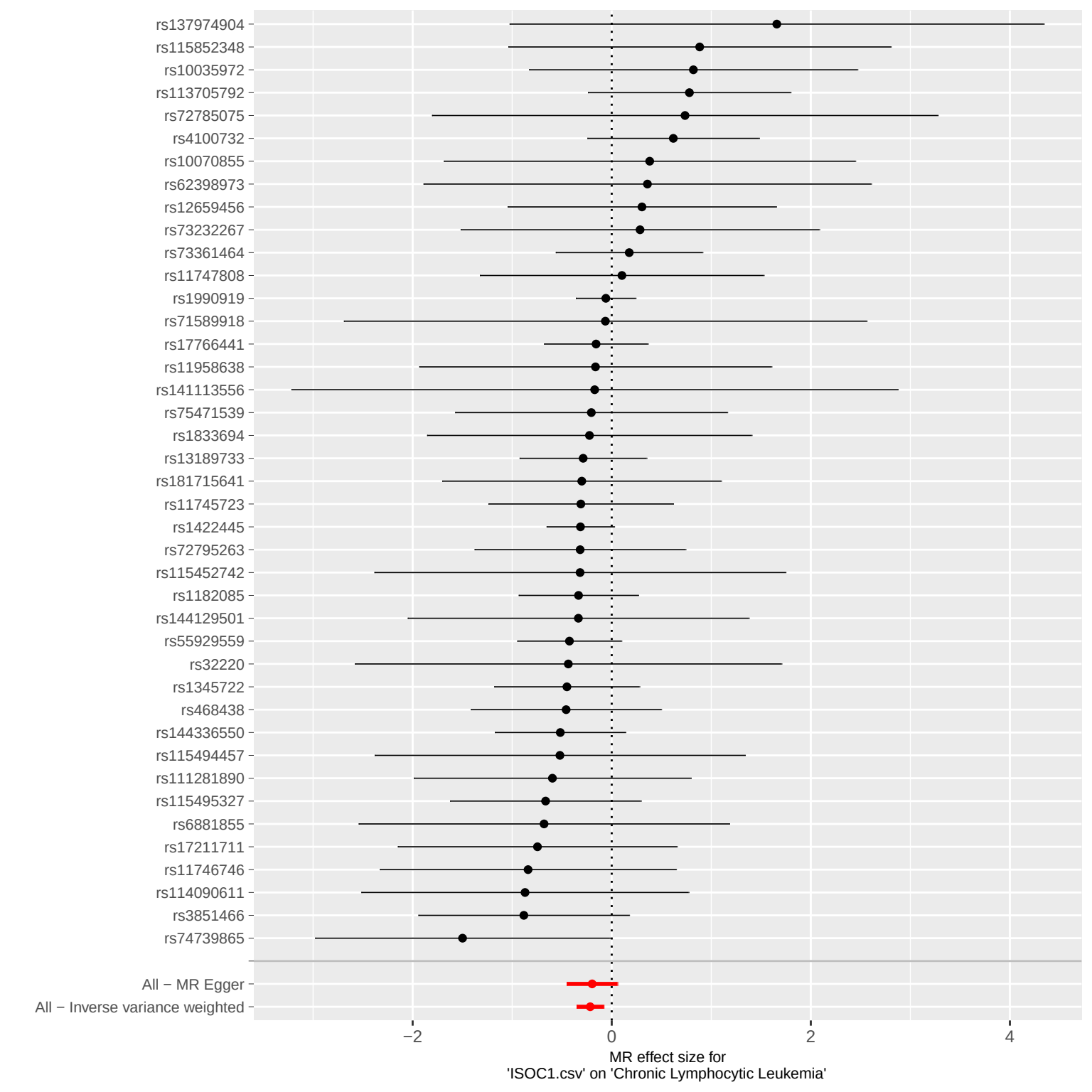
MR effect size for
'ISG20.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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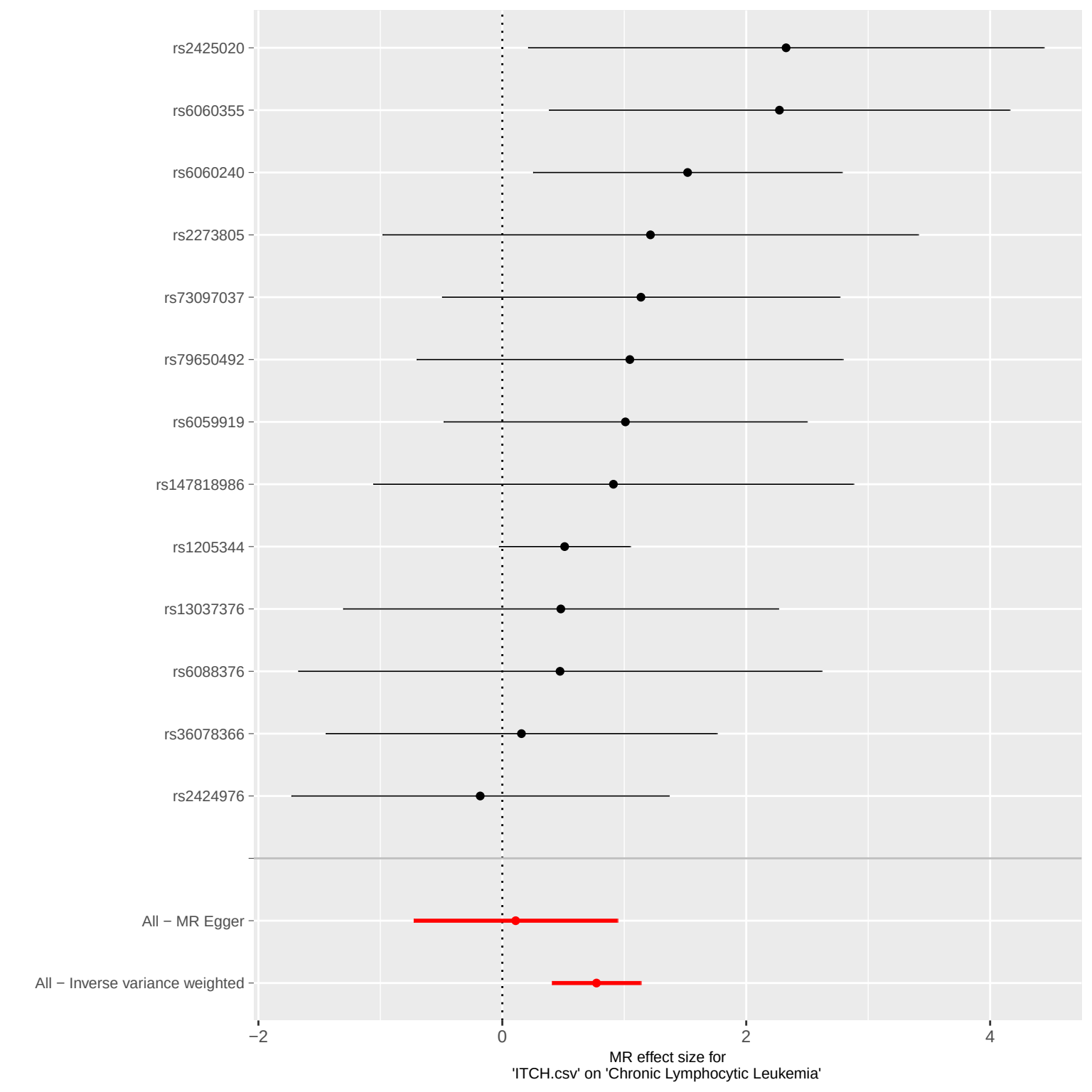
MR effect size for
'ISOC1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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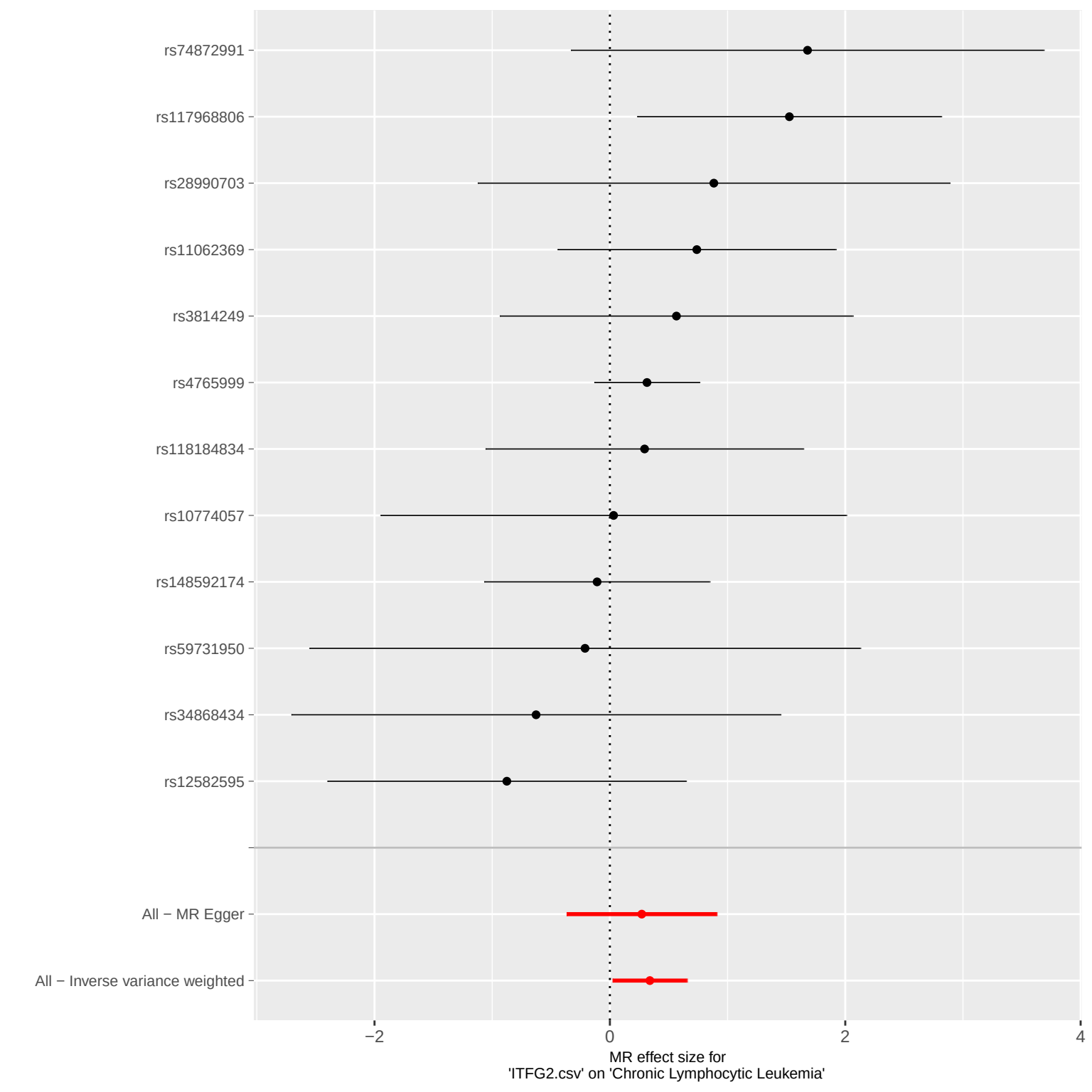
4
MR effect size for
'ITCH.csv' on 'Chronic Lymphocytic Leukemia'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rs34868434
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All − MR Egger
All − Inverse variance weighted
−2
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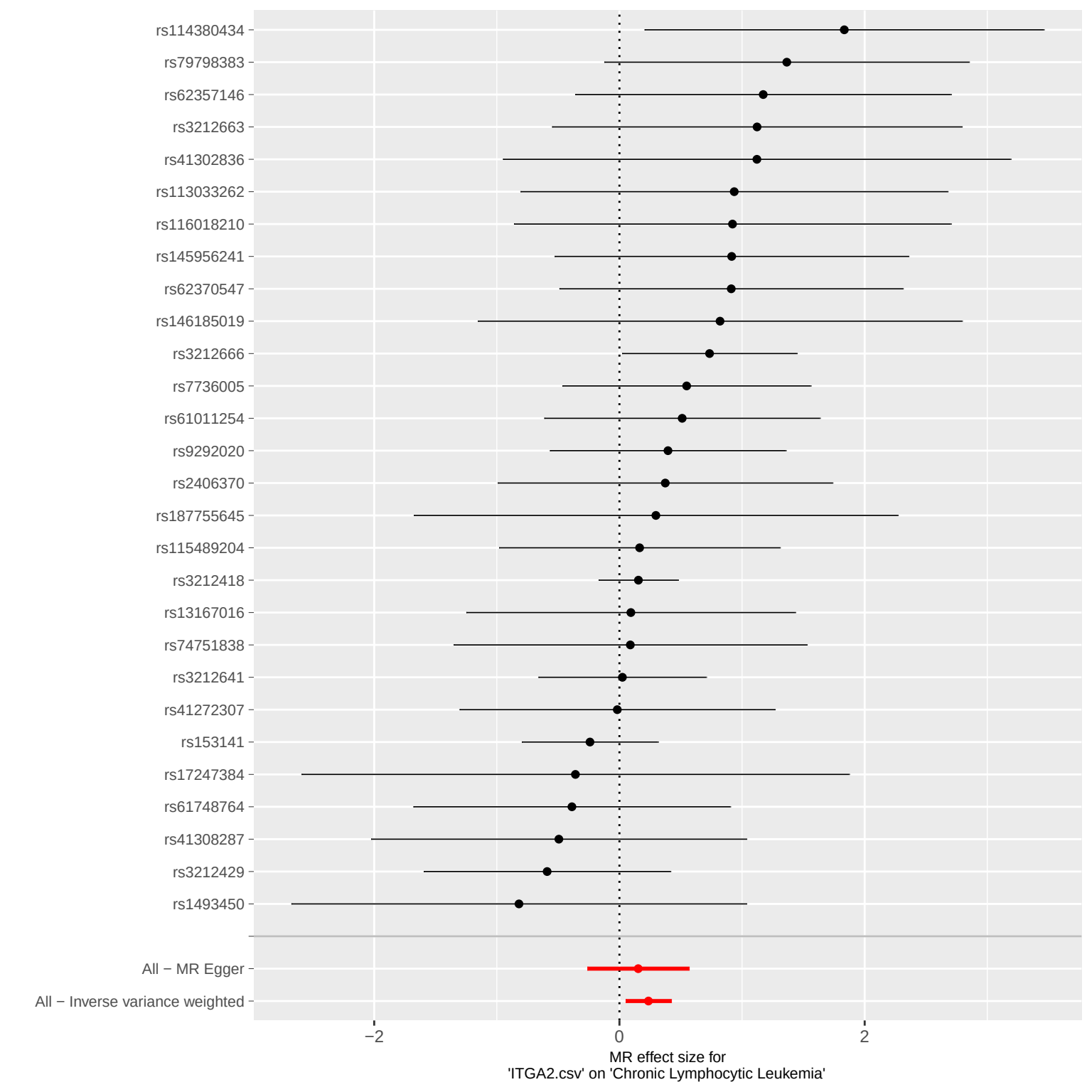
4
MR effect size for
'ITFG2.csv' on 'Chronic Lymphocytic Leukemia'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rs153141
rs17247384
rs61748764
rs41308287
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All − MR Egger
All − Inverse variance weighted
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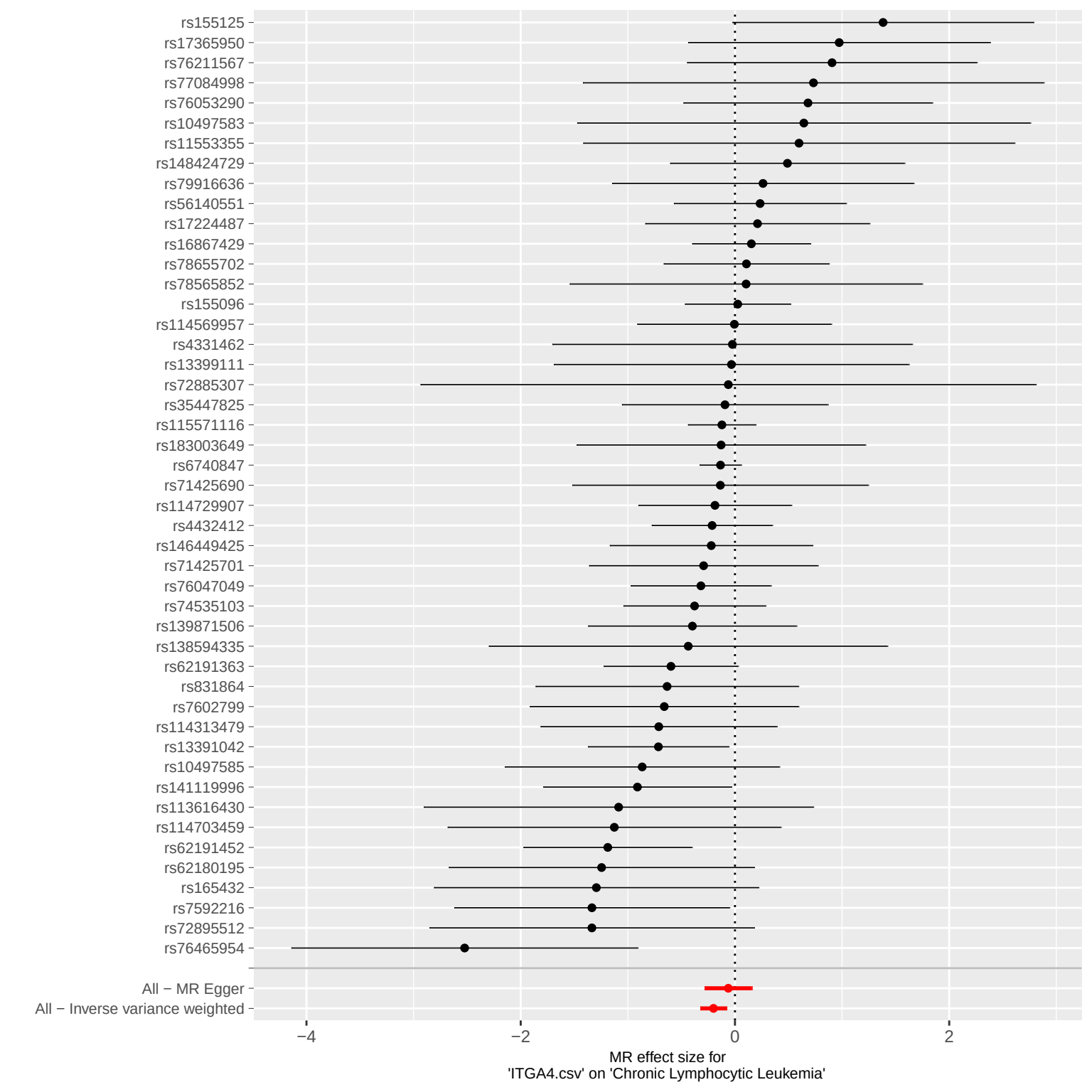
2
MR effect size for
'ITGA2.csv' on 'Chronic Lymphocytic Leukemia'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rs7592216
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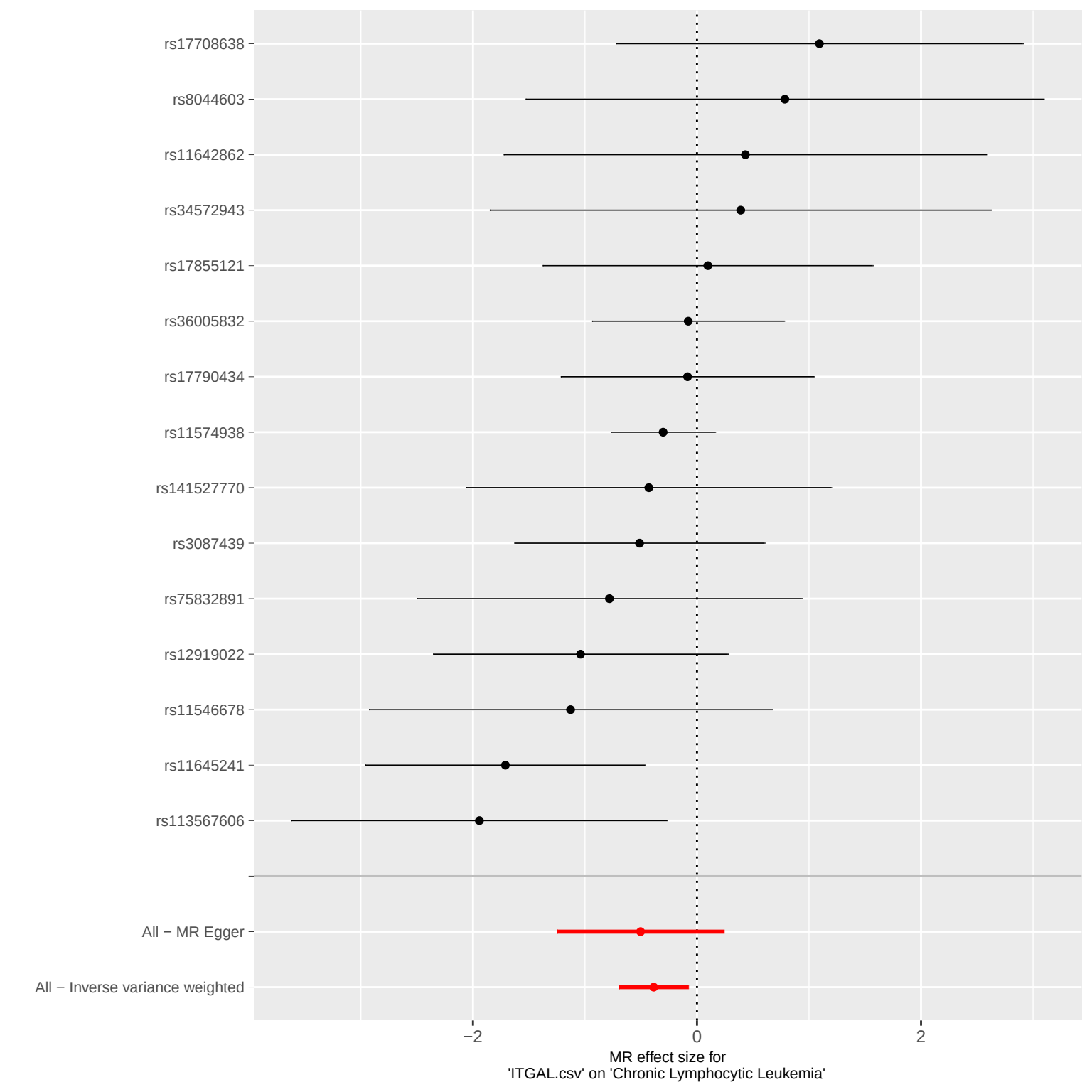
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ITGA4.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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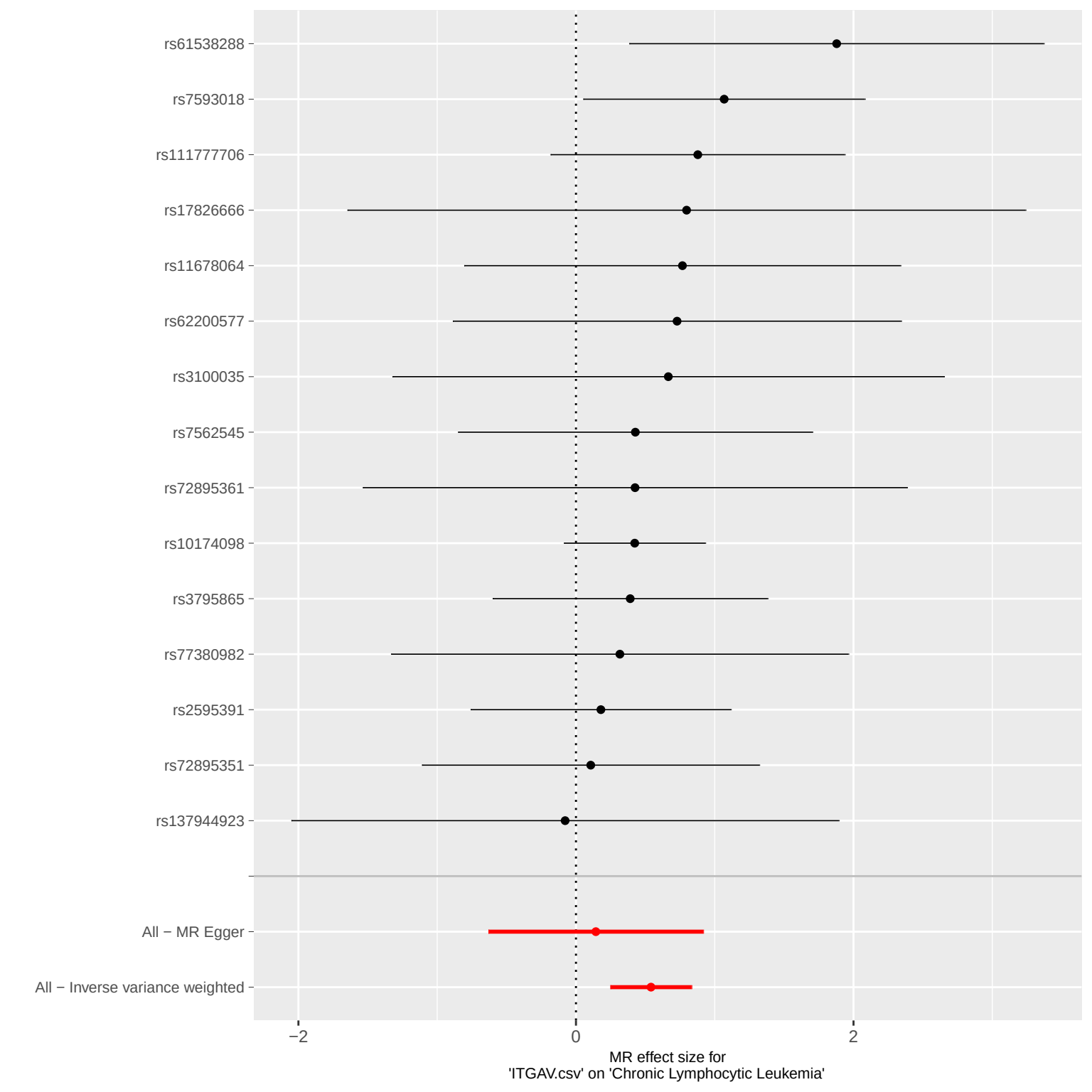
2
MR effect size for
'ITGAL.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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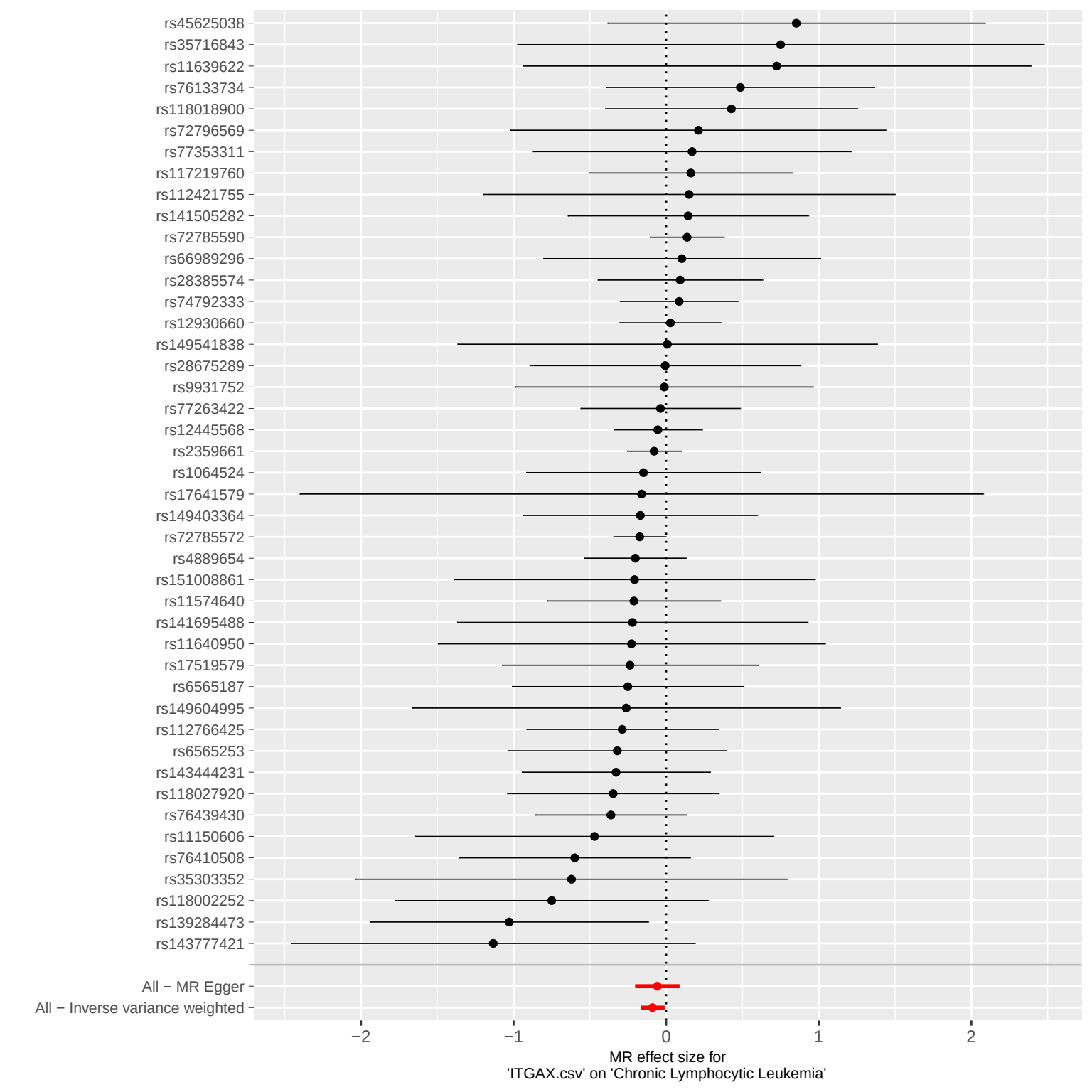
2
MR effect size for
'ITGAV.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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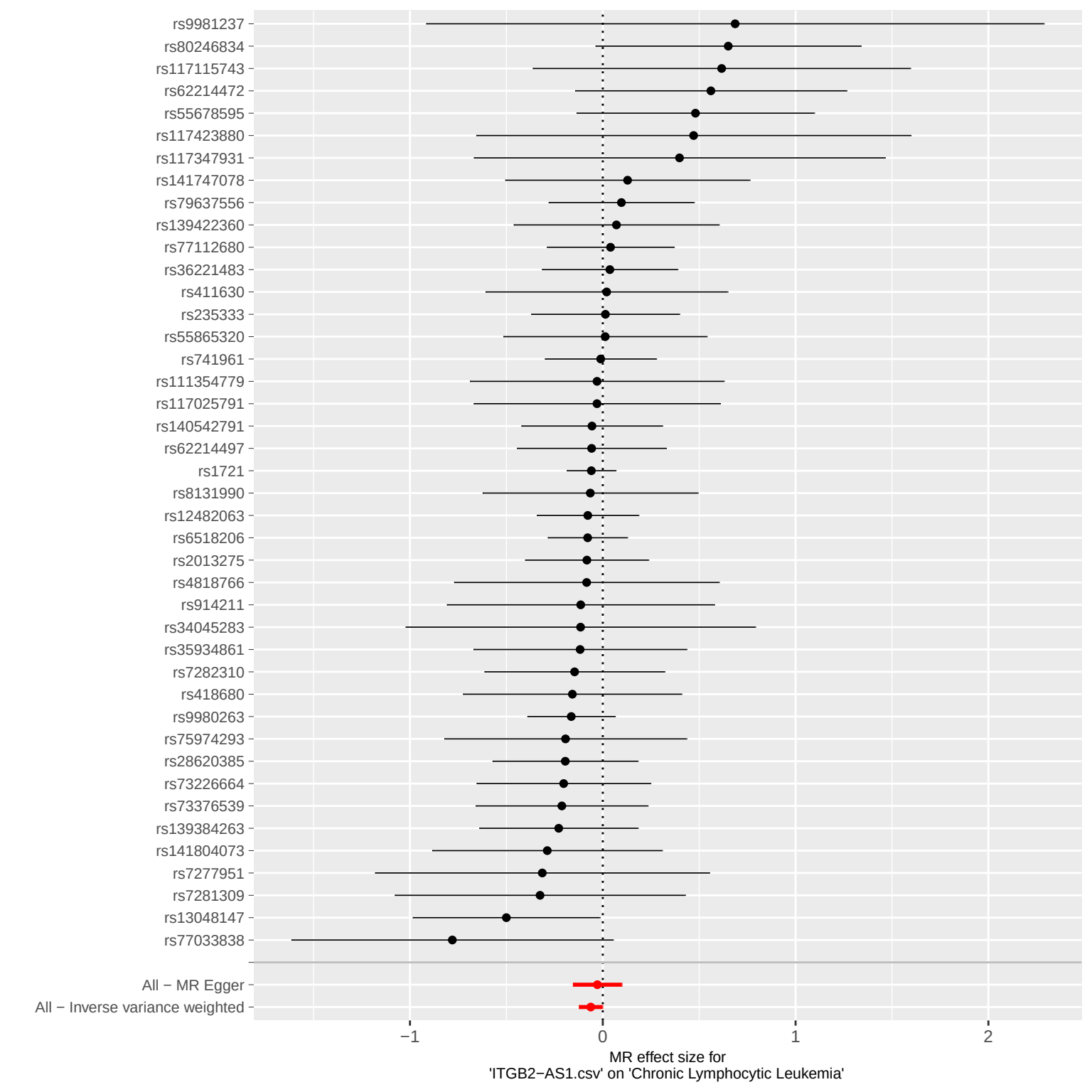
MR effect size for
'ITGAX.csv' on 'Chronic Lymphocytic Leukemia'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rs75974293
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rs73376539
rs139384263
rs141804073
rs7277951
rs7281309
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All − MR Egger
All − Inverse variance weighted
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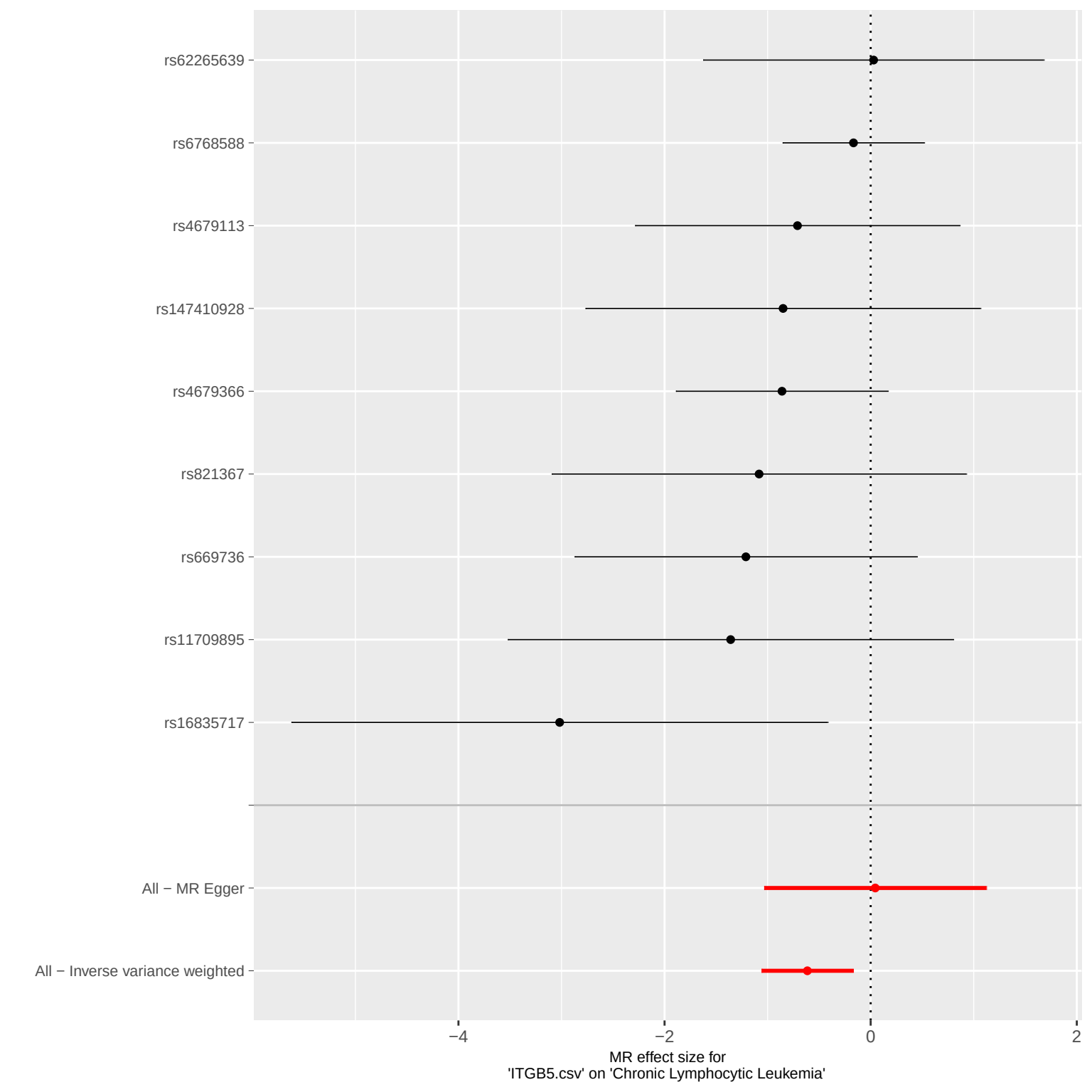
0
1
2
MR effect size for
'ITGB2−AS1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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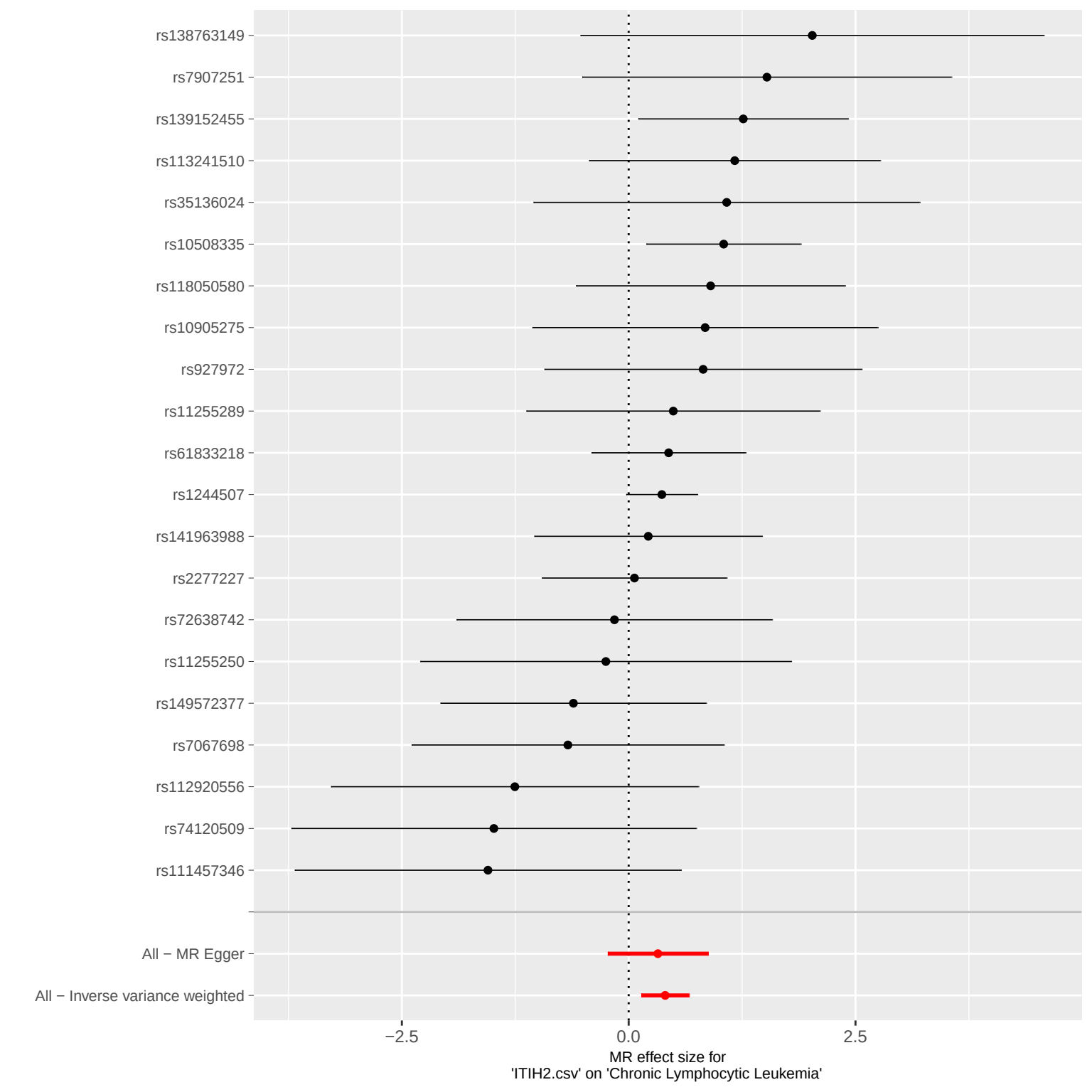
2
MR effect size for
'ITGB5.csv' on 'Chronic Lymphocytic Leukemia'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rs112920556
rs74120509
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All − MR Egger
All − Inverse variance weighted
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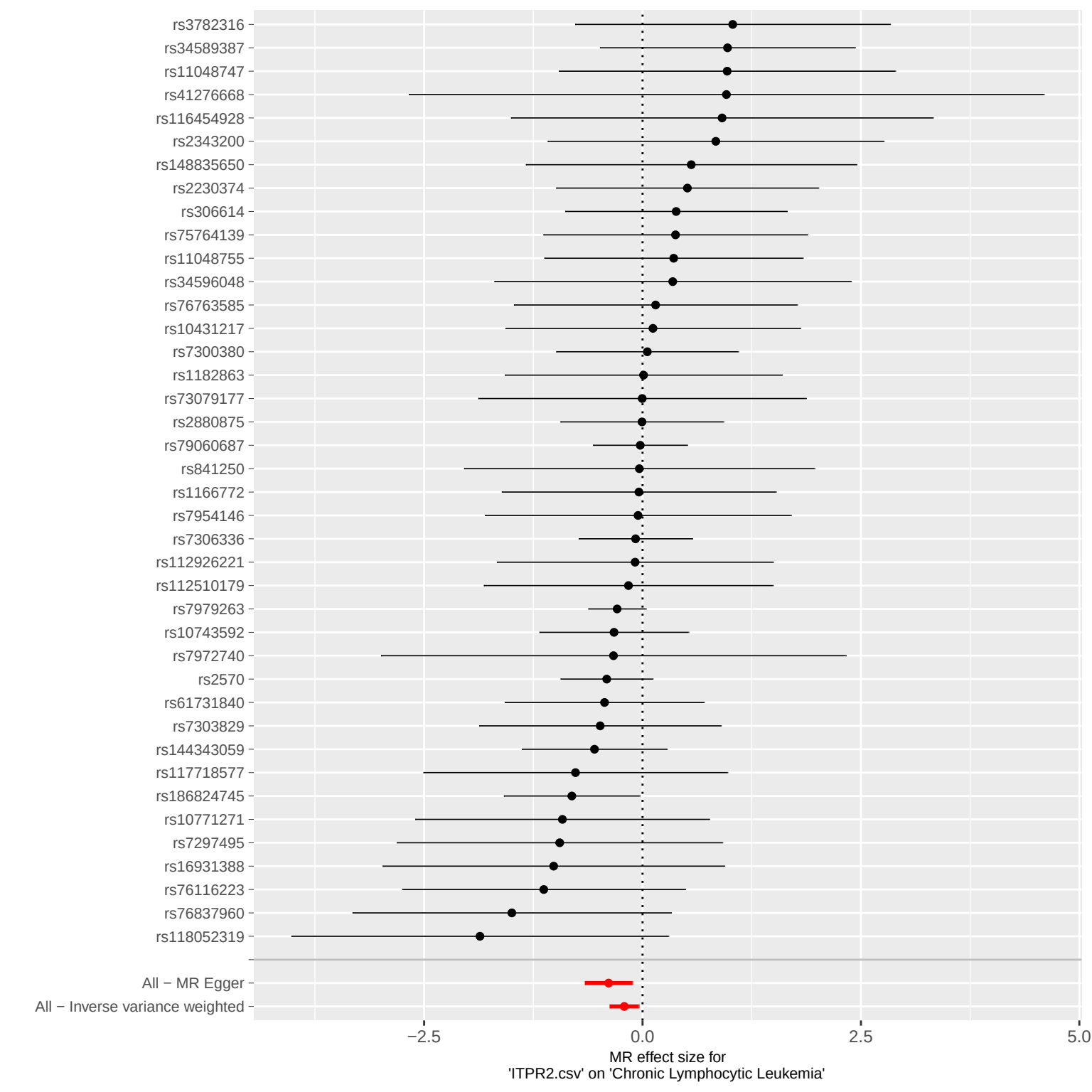
2.5
MR effect size for
'ITIH2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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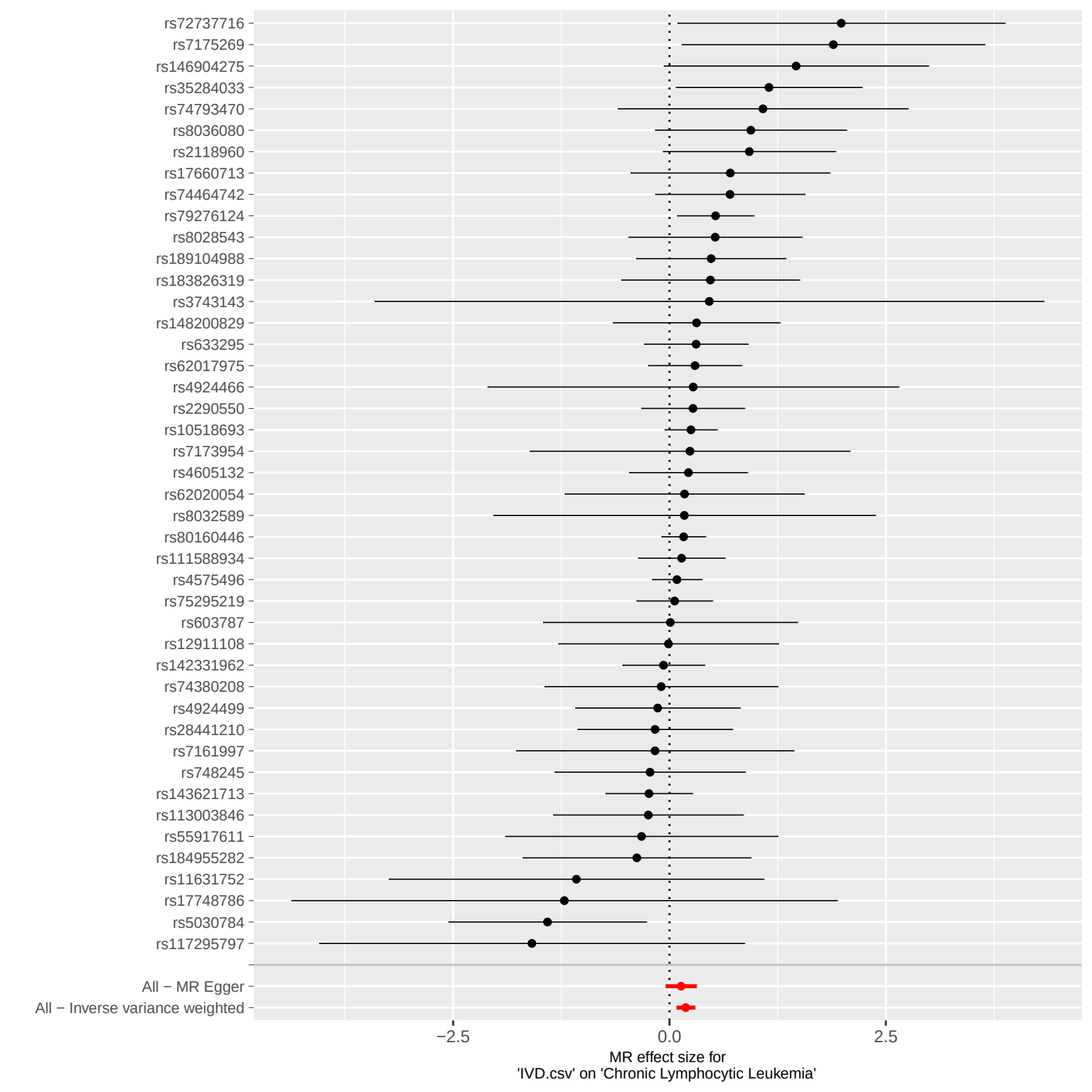
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All − Inverse variance weighted
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MR effect size for
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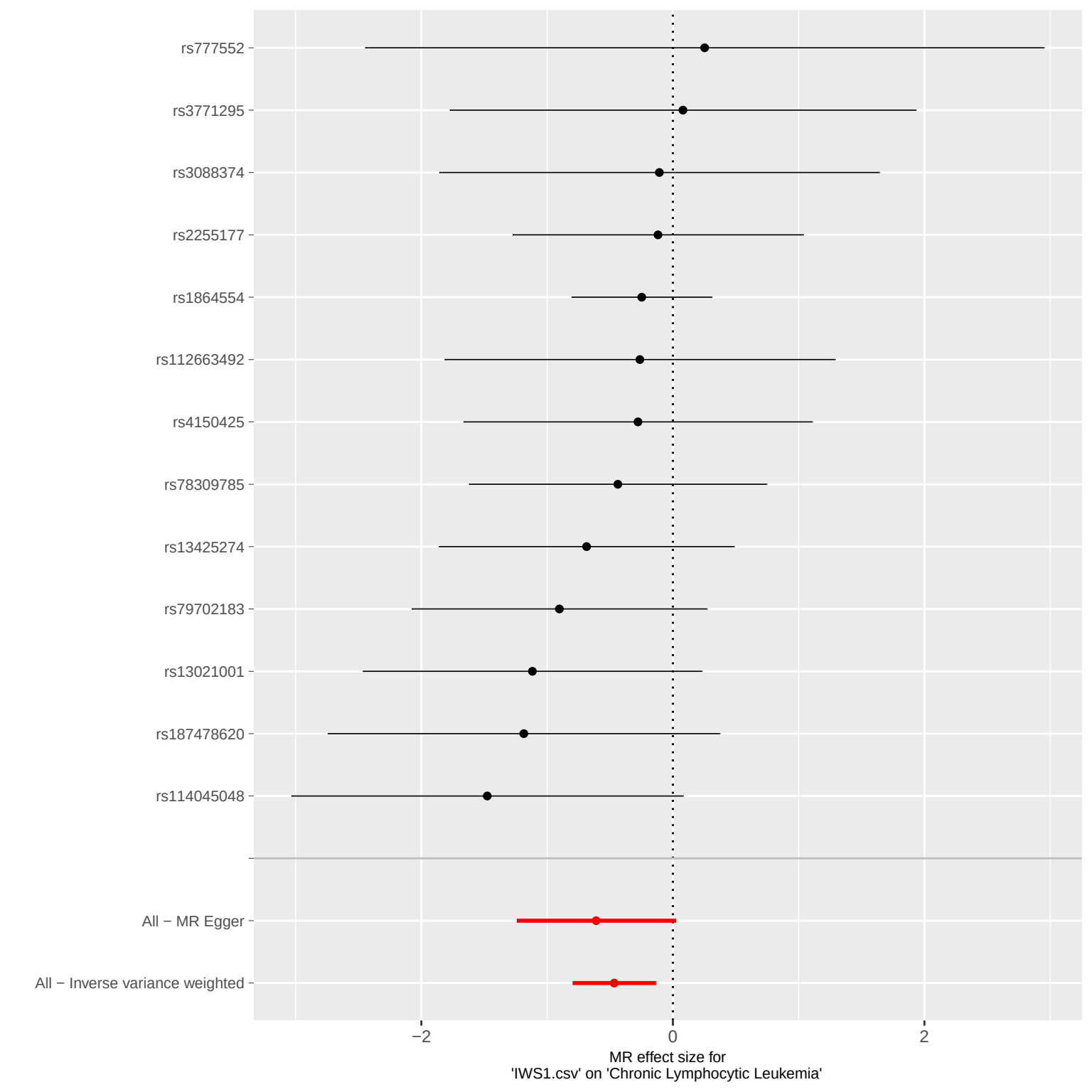
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All − MR Egger
All − Inverse variance weighted
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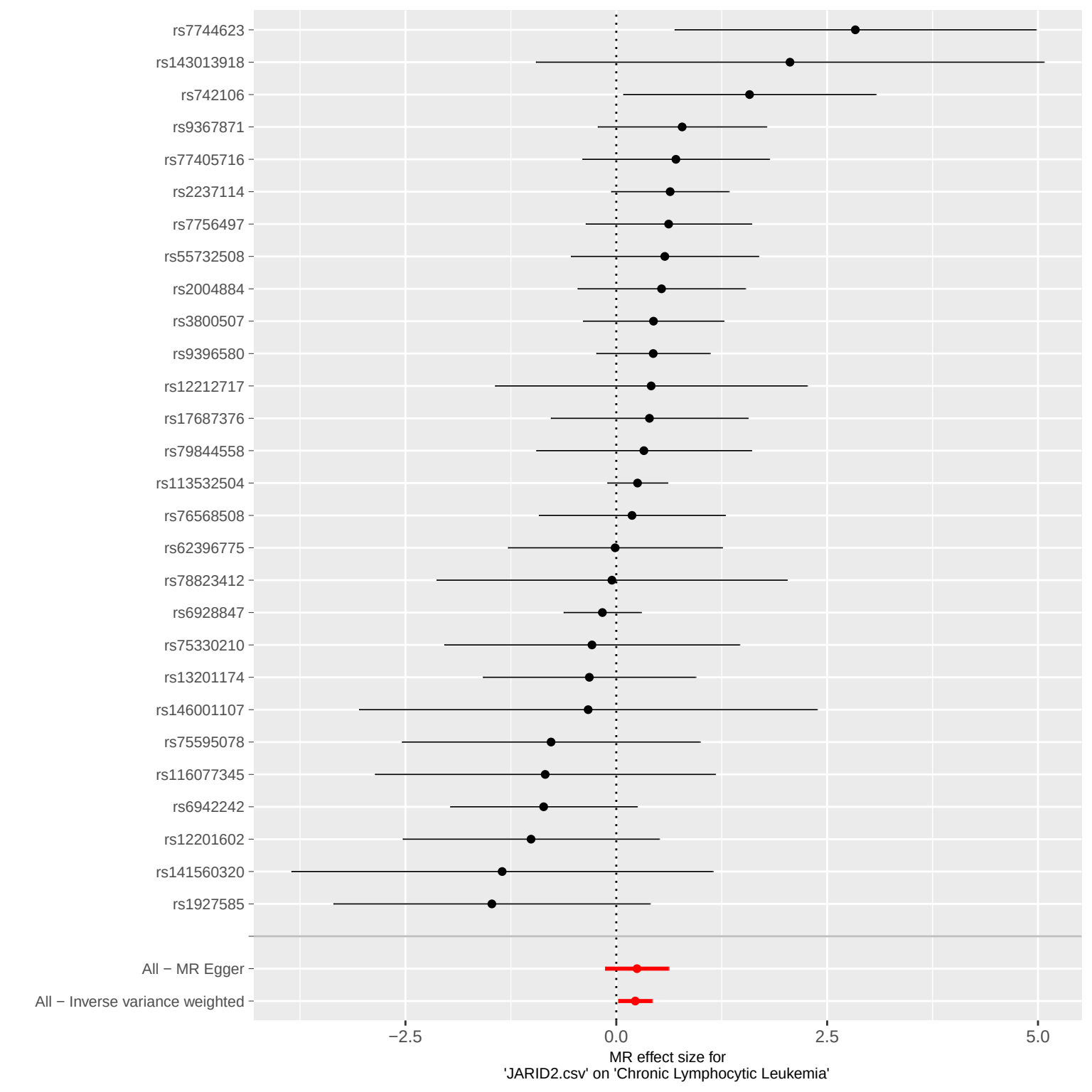
MR effect size for
'IWS1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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5.0
MR effect size for
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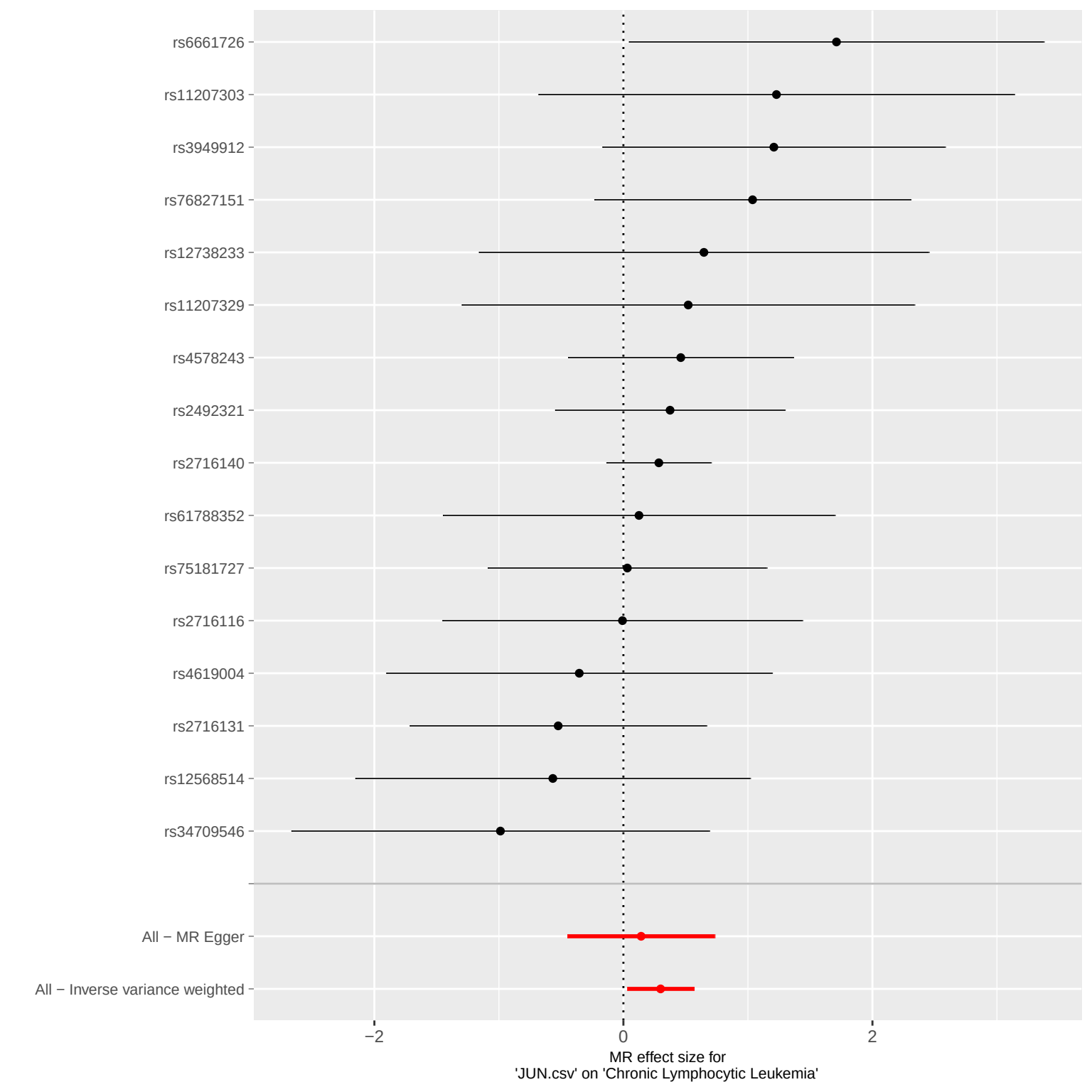
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All − Inverse variance weighted
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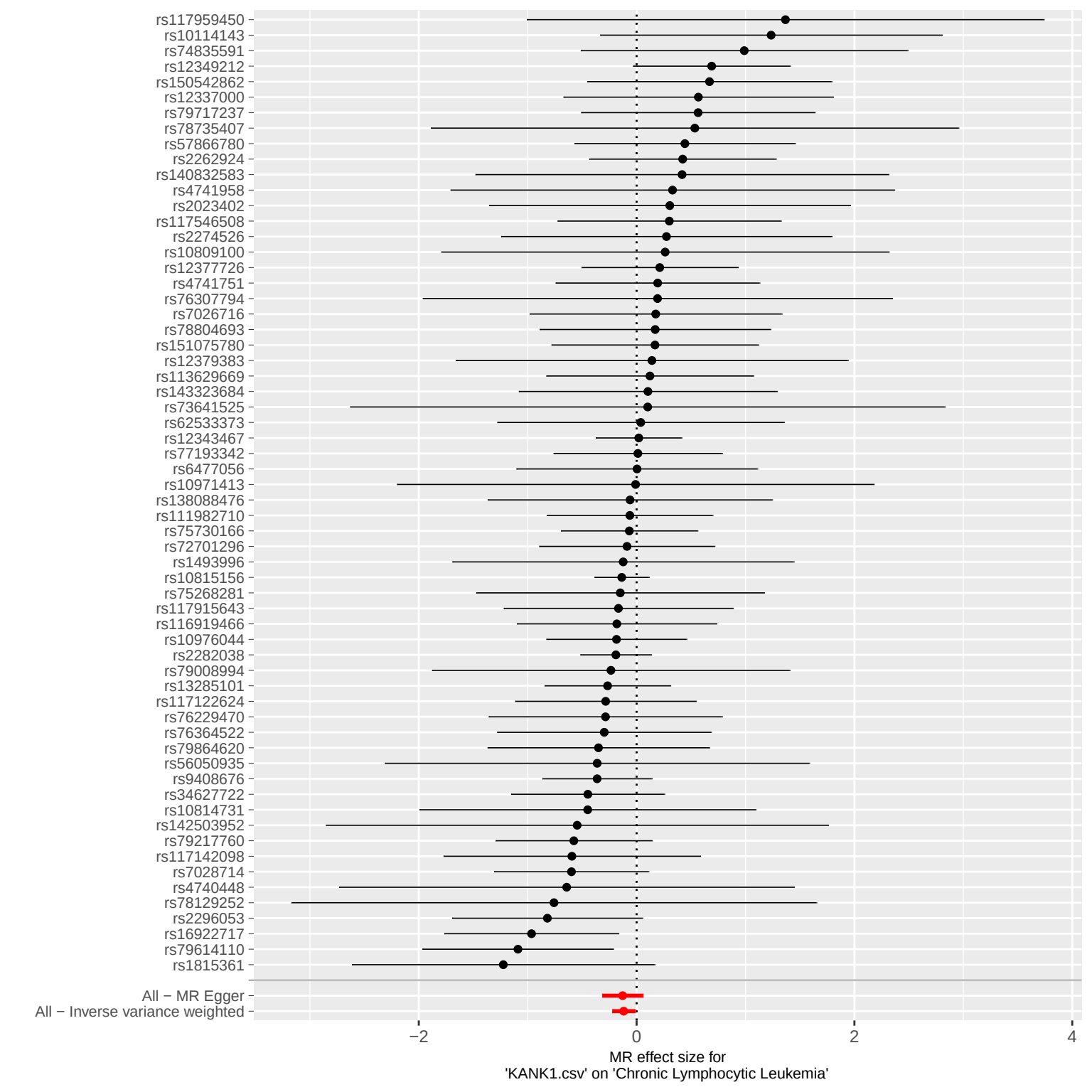
MR effect size for
'JUN.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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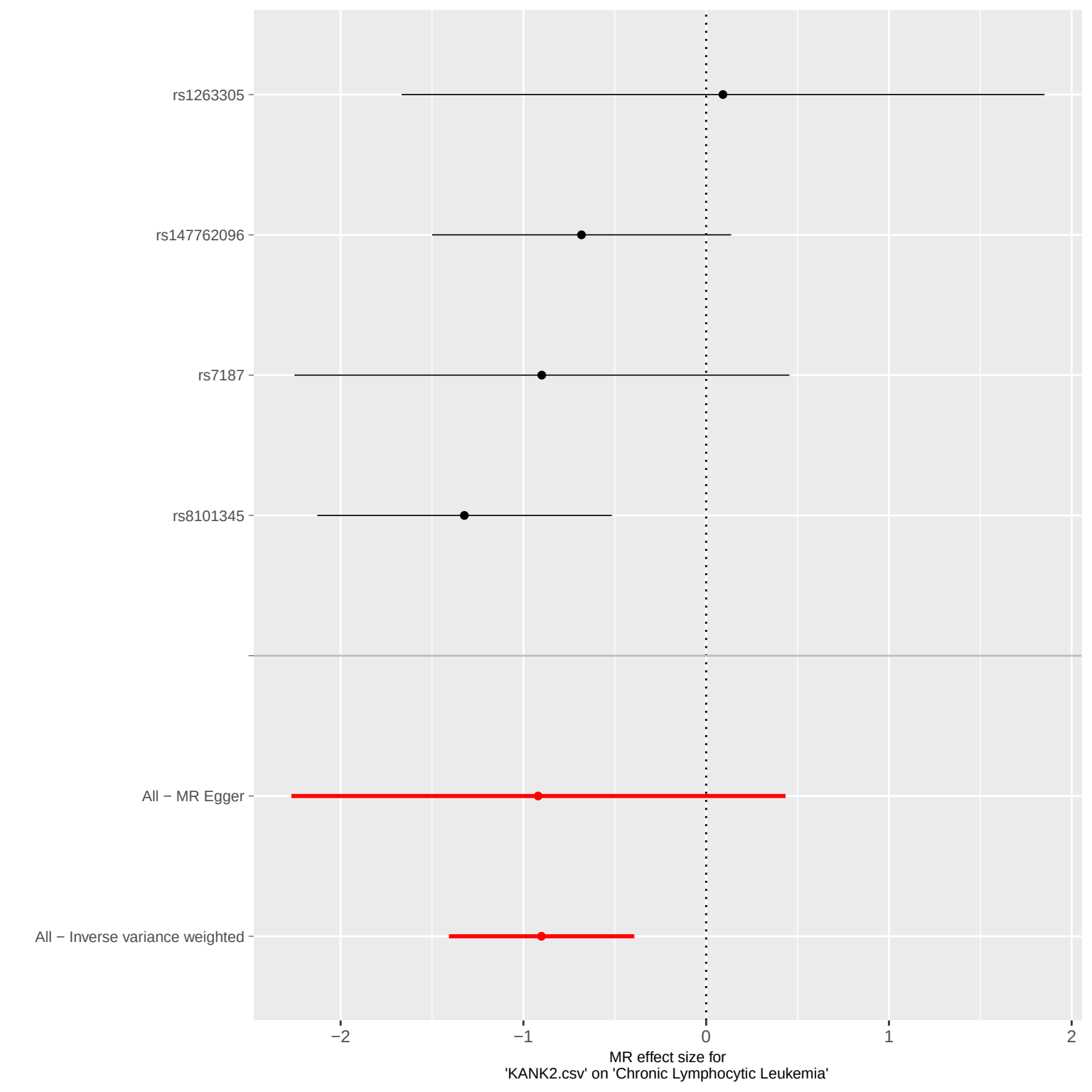
MR effect size for
'KANK1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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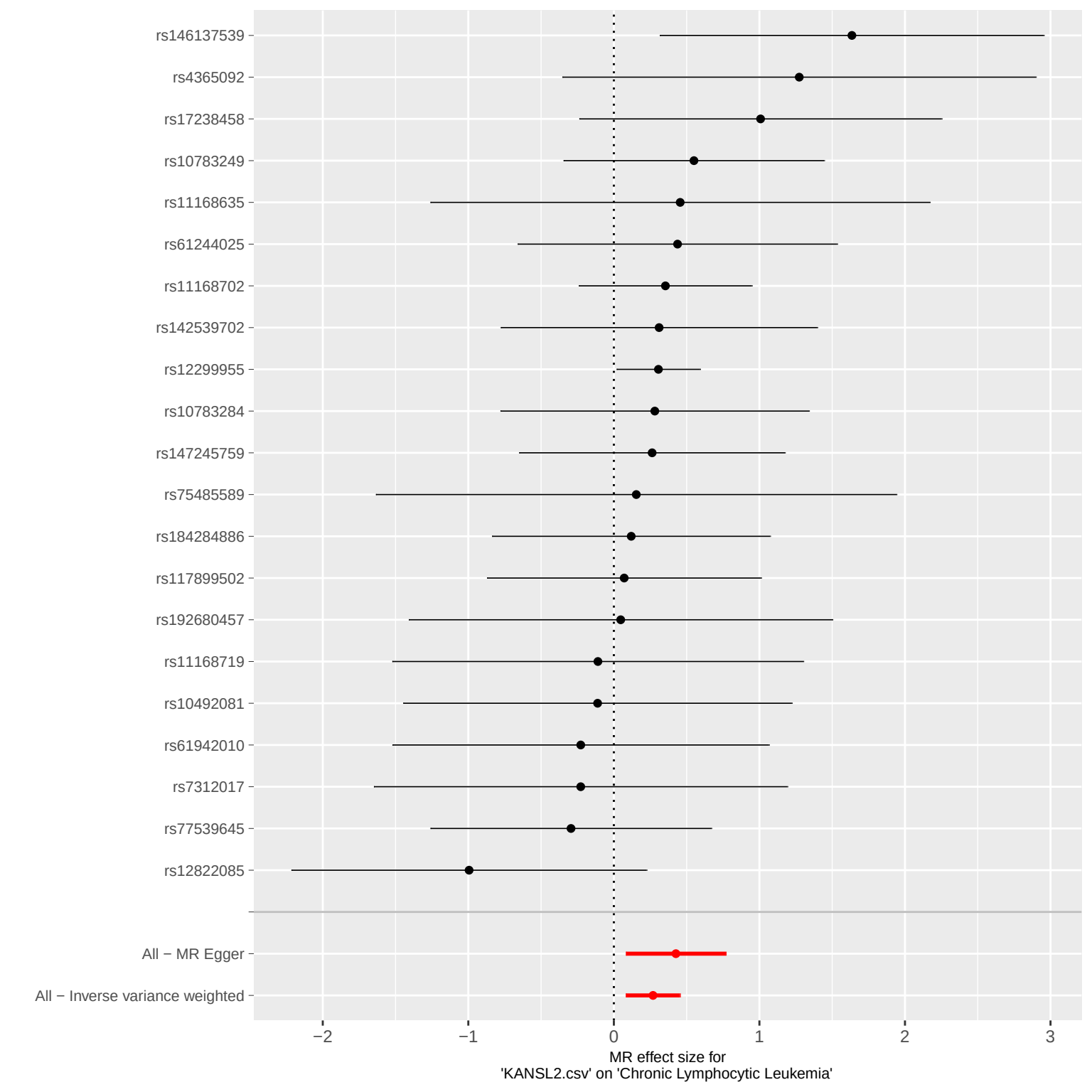
MR effect size for
'KANK2.csv' on 'Chronic Lymphocytic Leukemia'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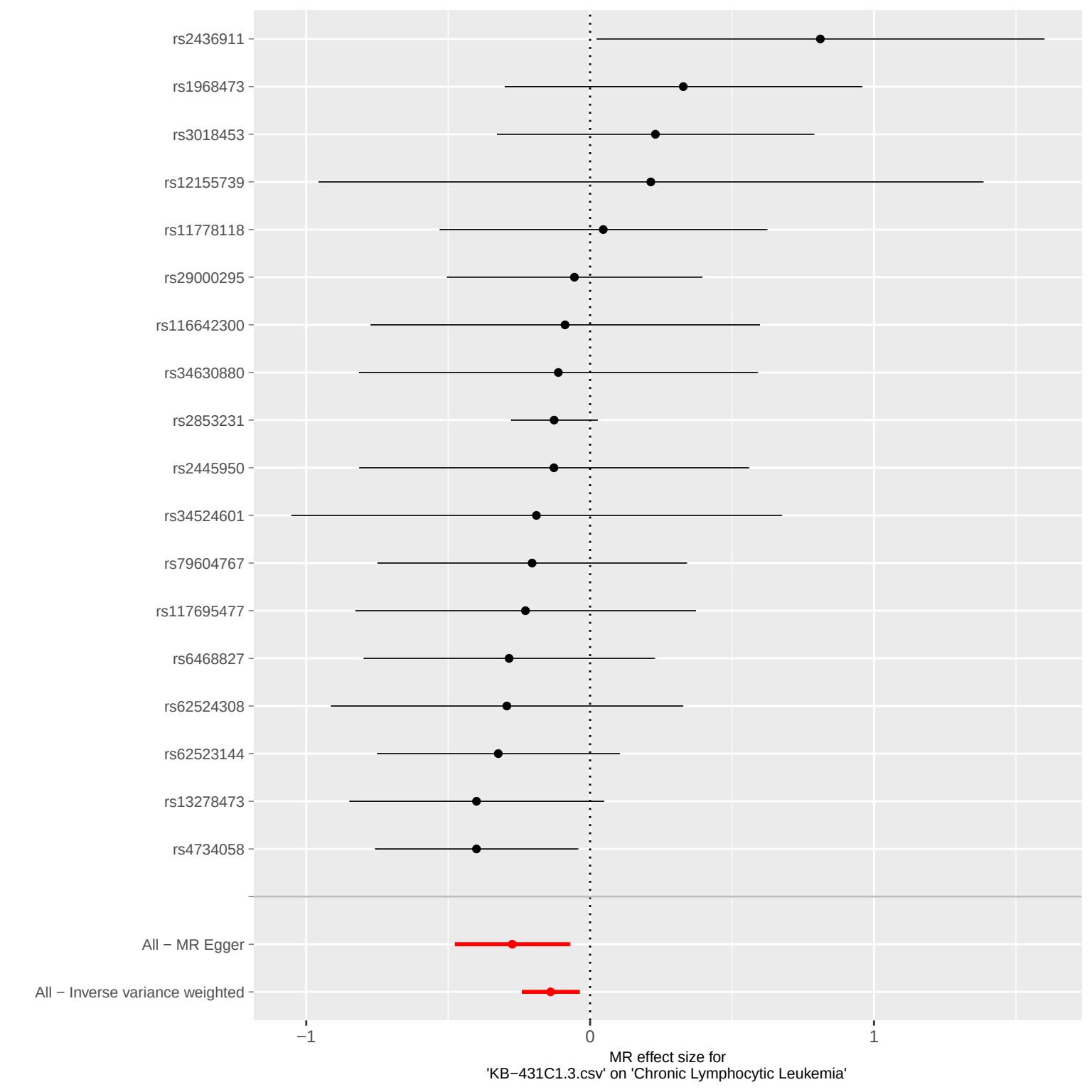
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'KANSL2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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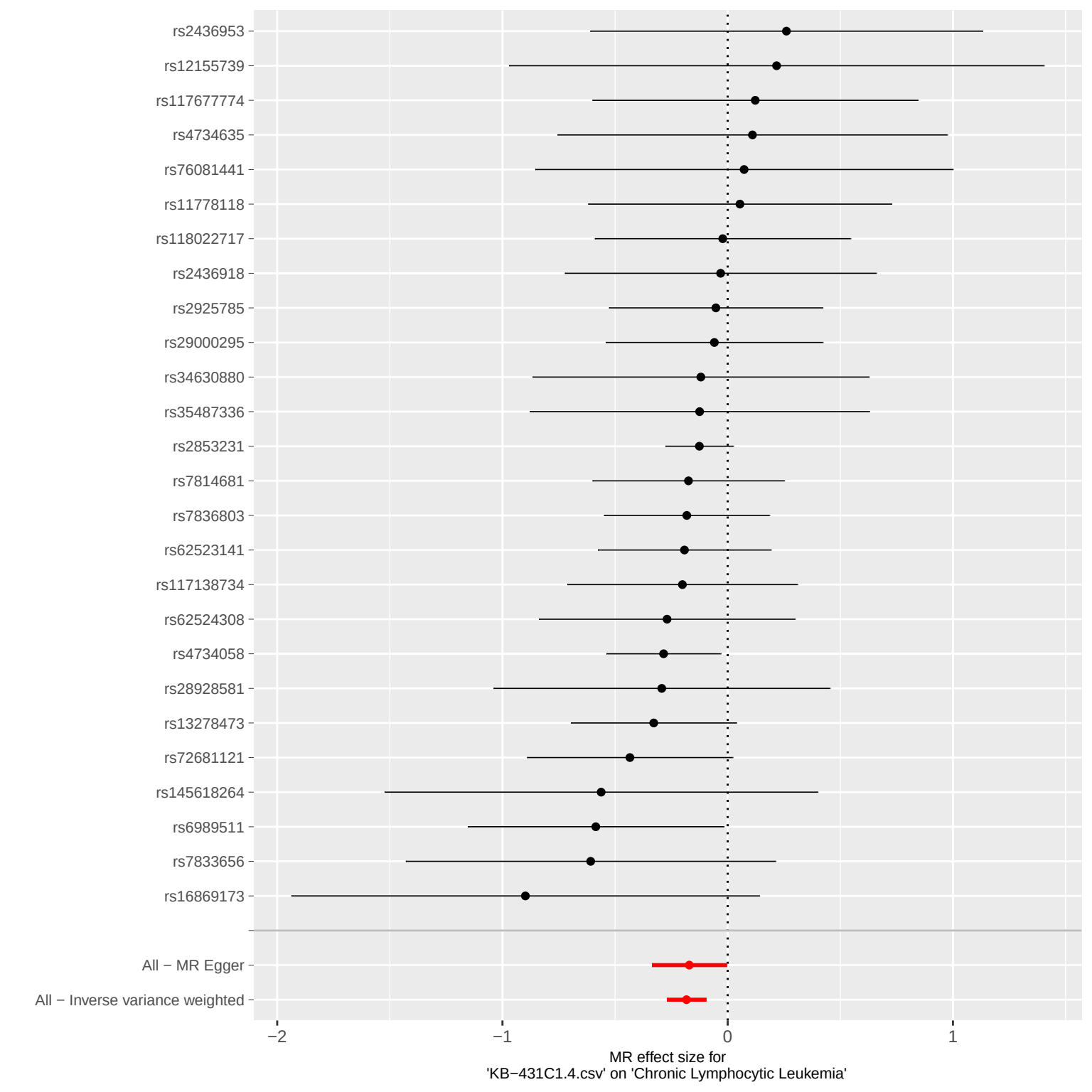
MR effect size for
'KB−431C1.3.csv' on 'Chronic Lymphocytic Leukemia'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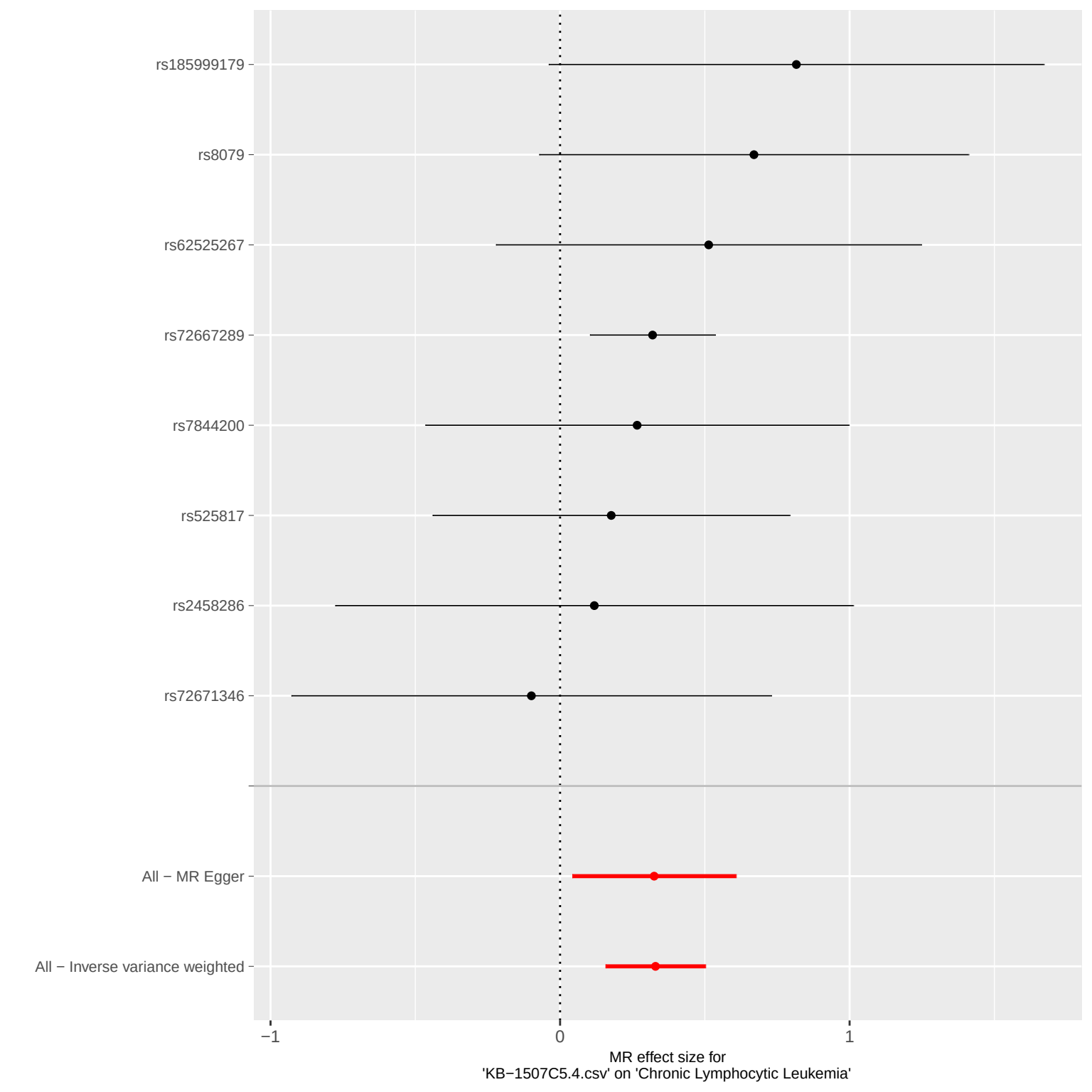
MR effect size for
'KB−431C1.4.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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0
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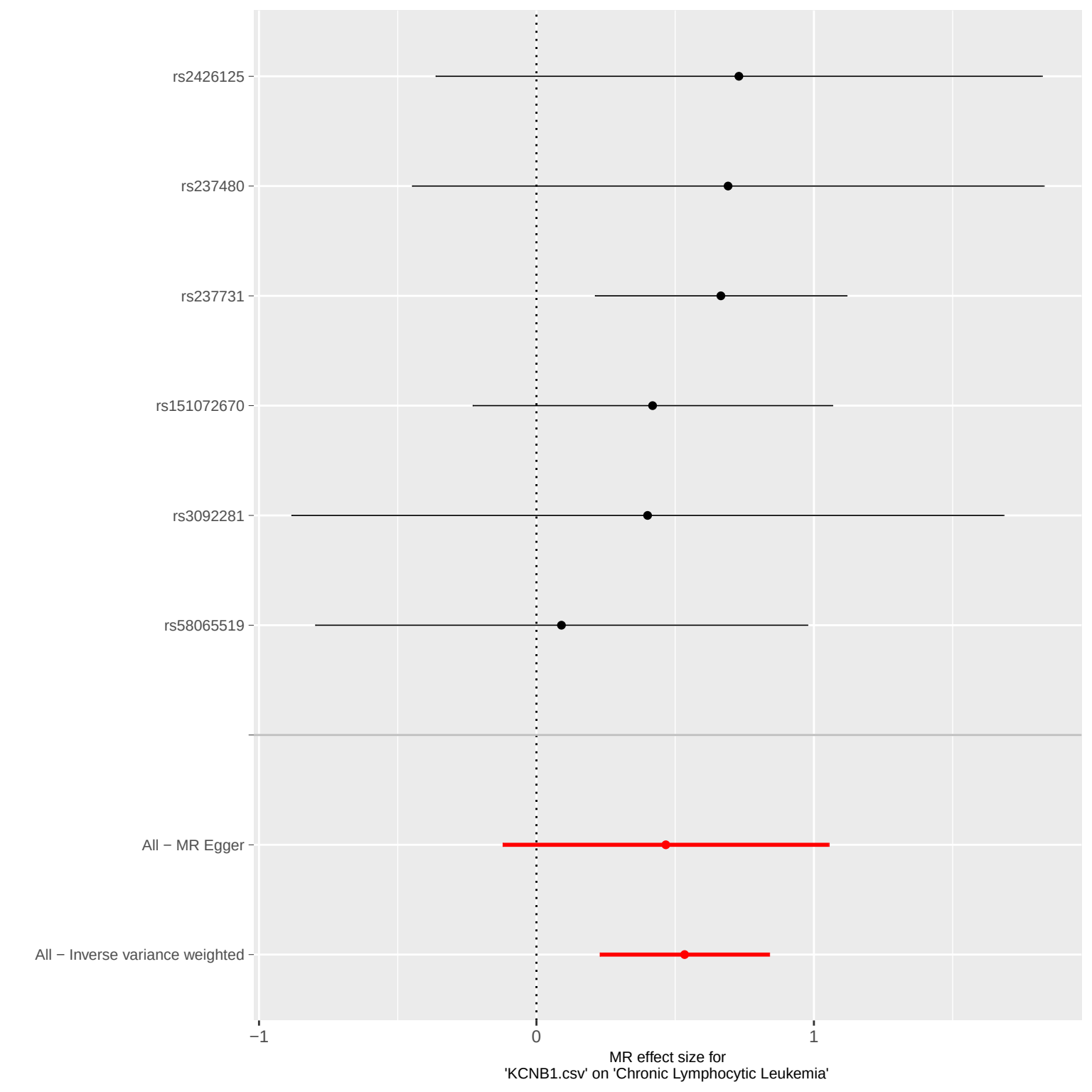
MR effect size for
'KB−1507C5.4.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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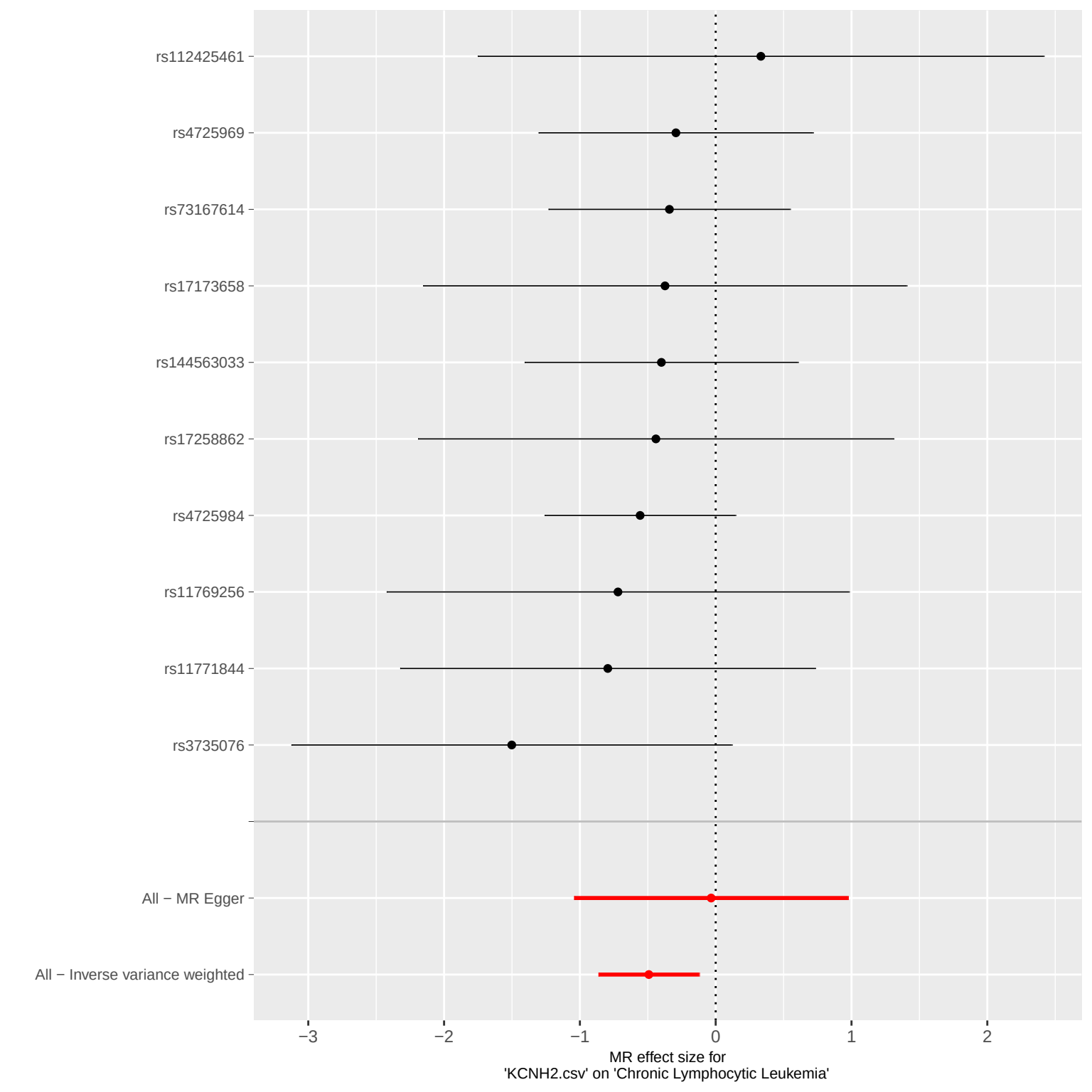
MR effect size for
'KCNB1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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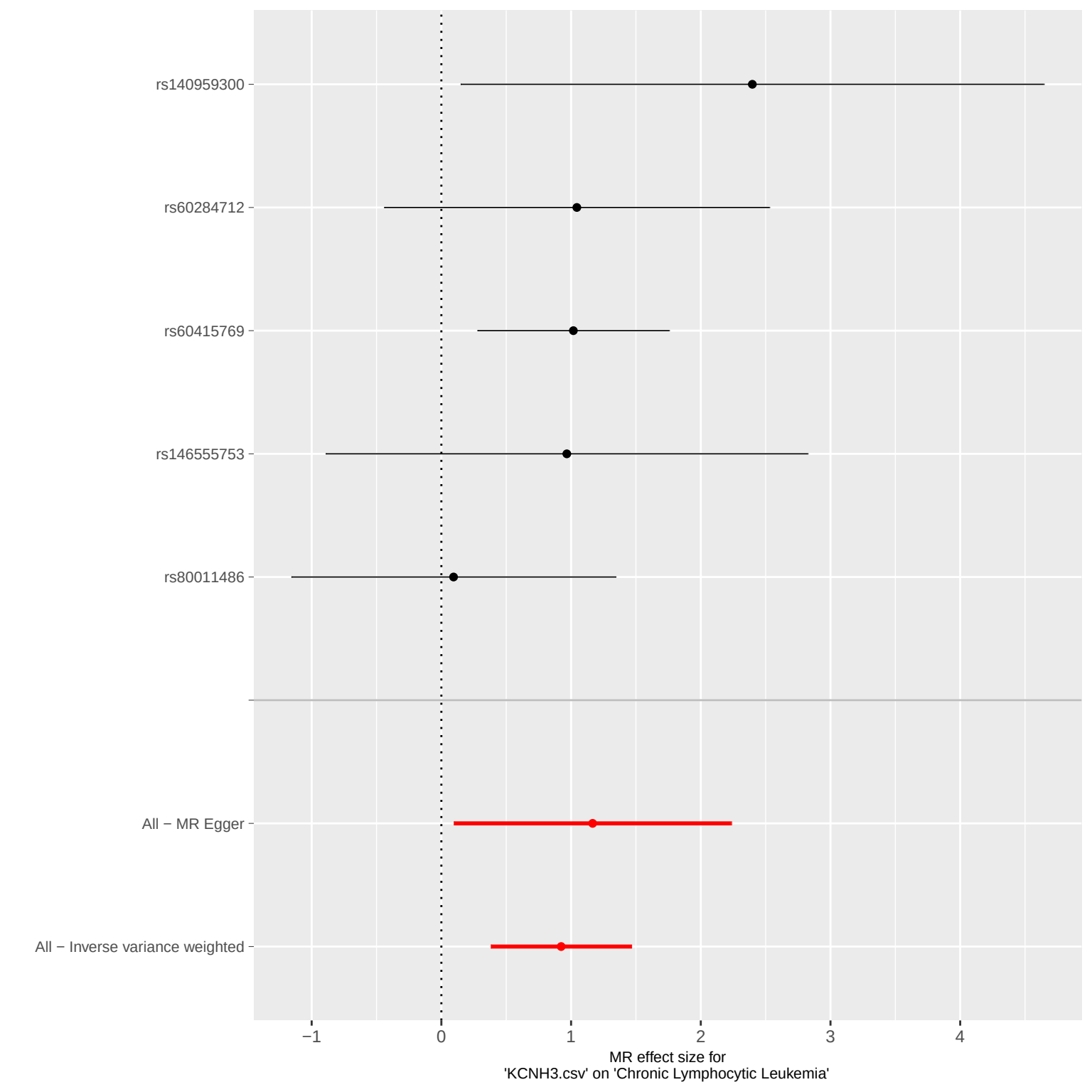
MR effect size for
'KCNH2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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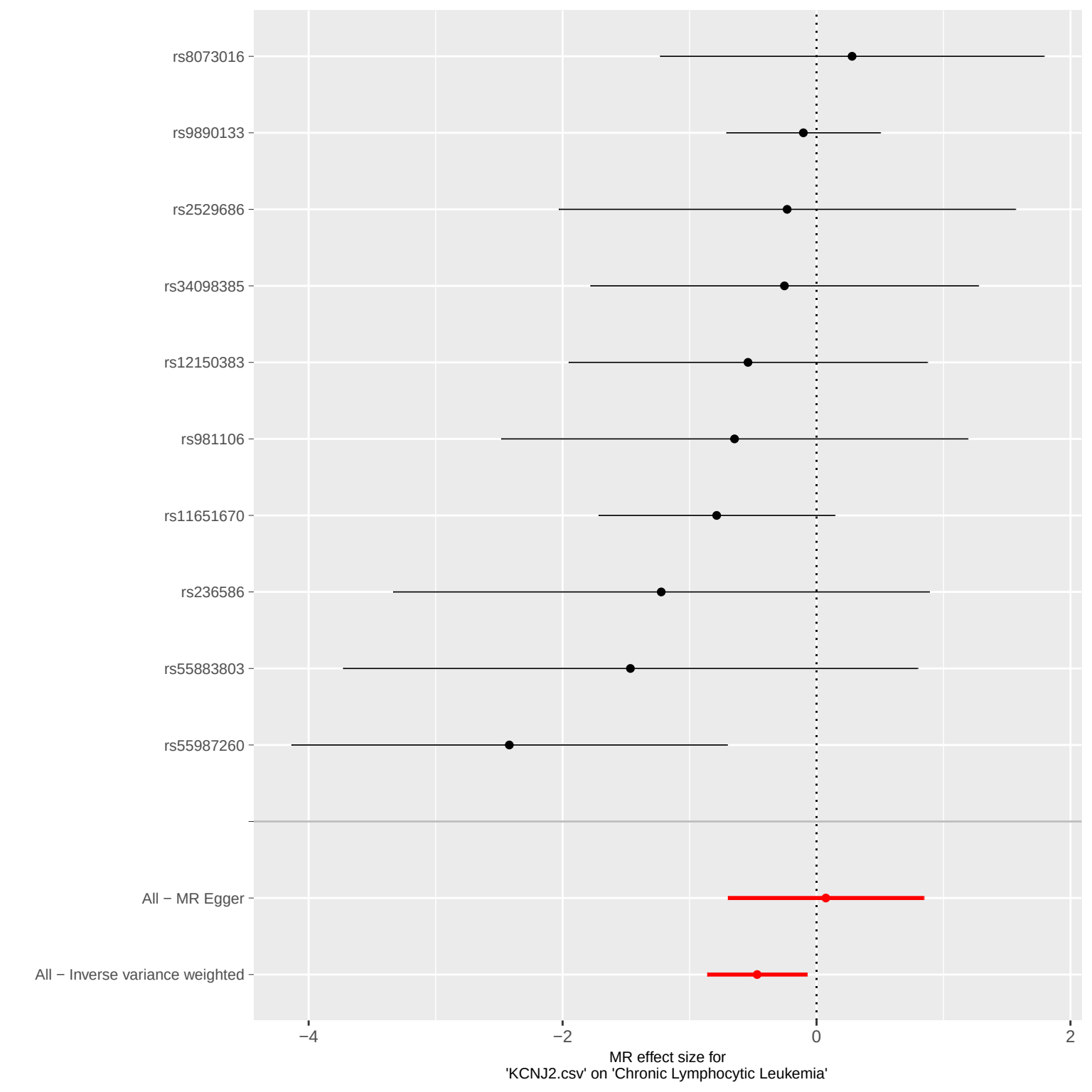
2
3
4
MR effect size for
'KCNH3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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−2
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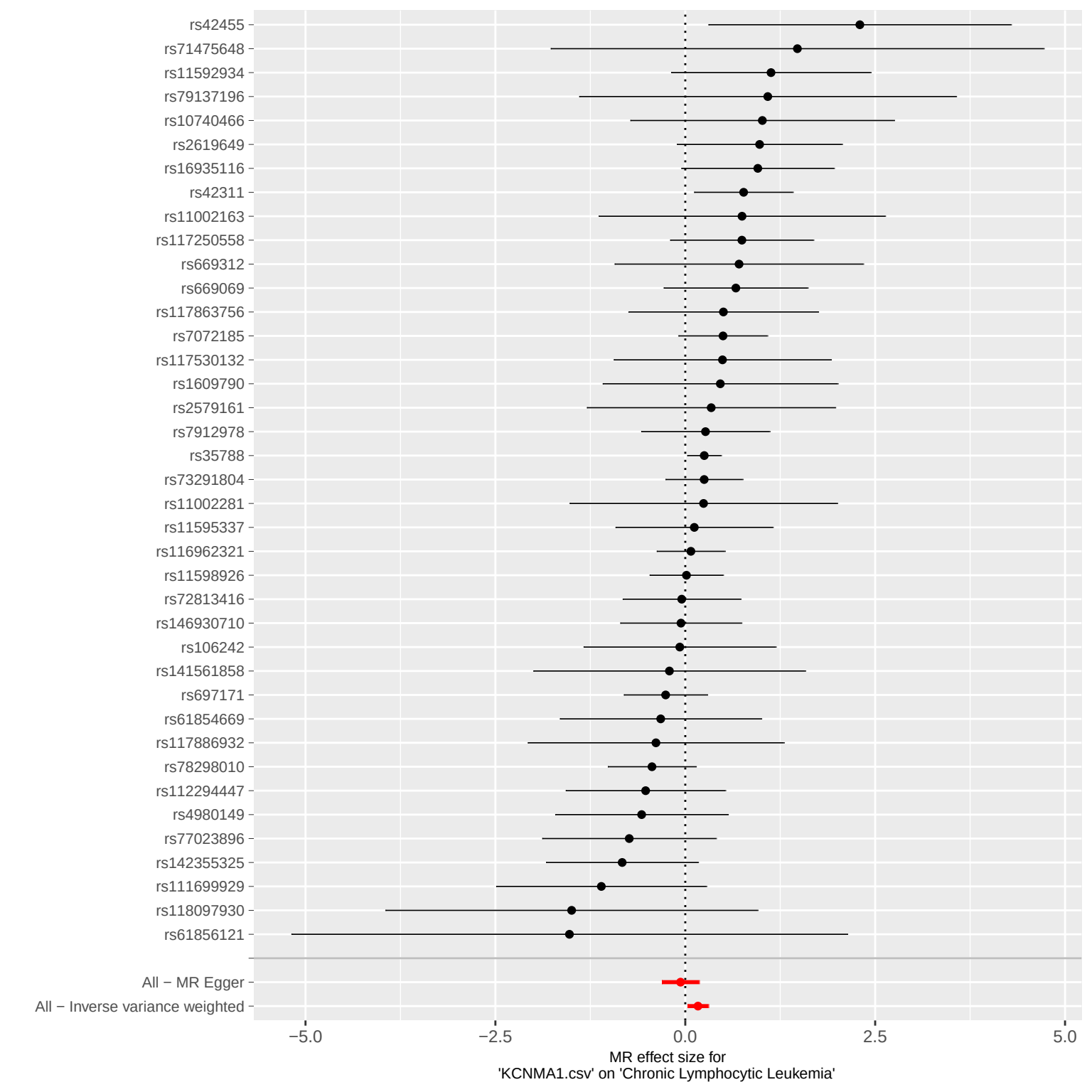
2
MR effect size for
'KCNJ2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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2.5
5.0
MR effect size for
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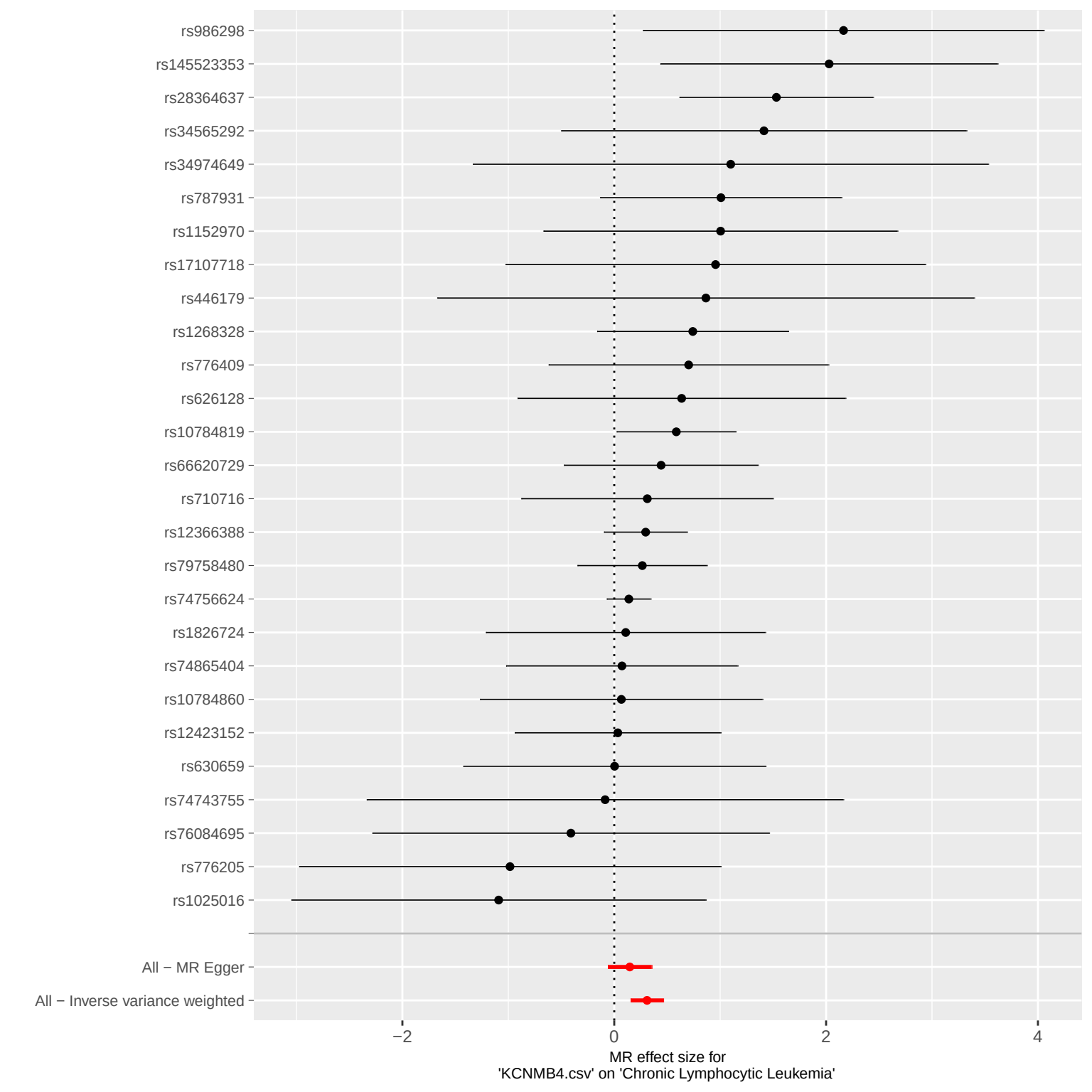
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All − MR Egger
All − Inverse variance weighted
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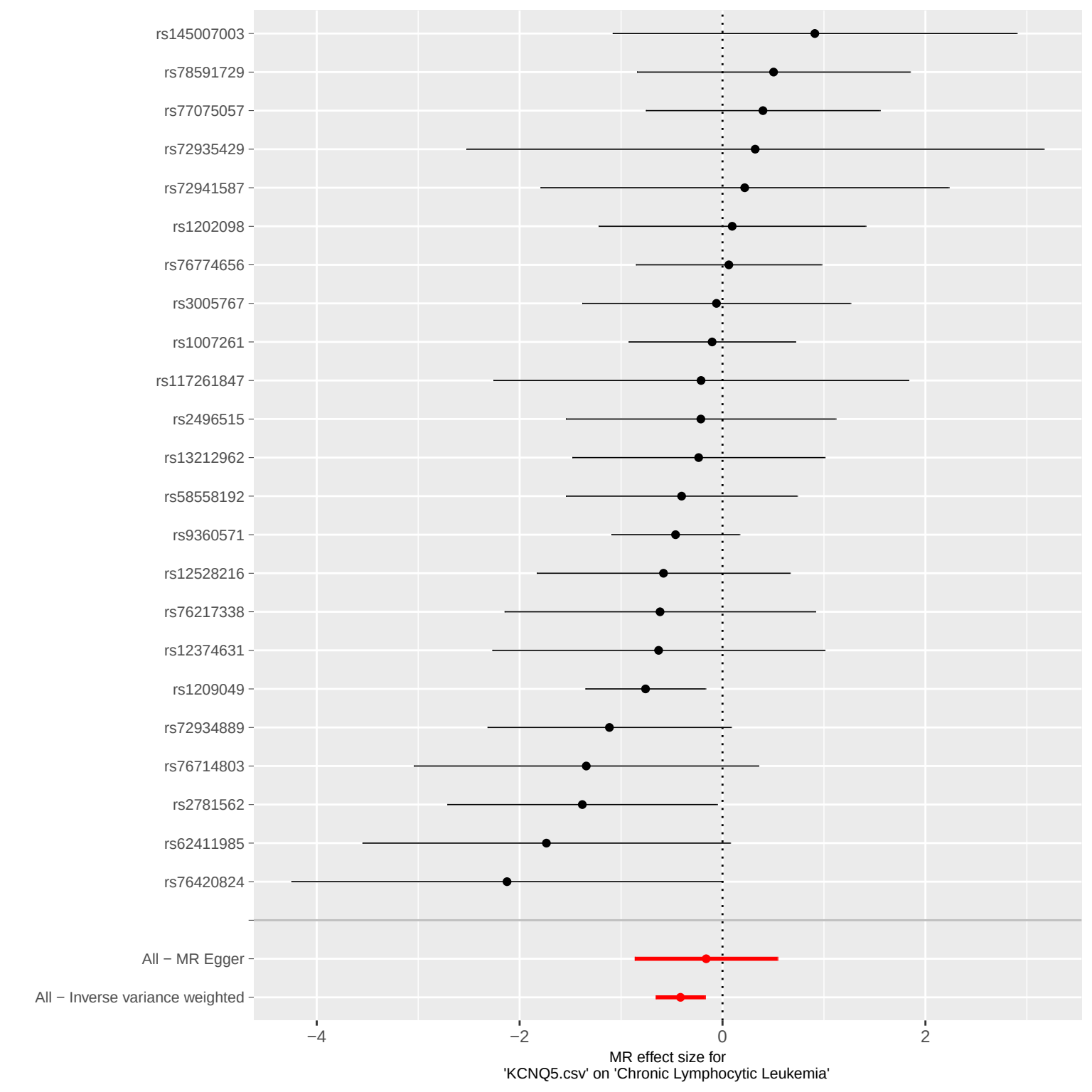
4
MR effect size for
'KCNMB4.csv' on 'Chronic Lymphocytic Leukemia'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rs58558192
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All − MR Egger
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MR effect size for
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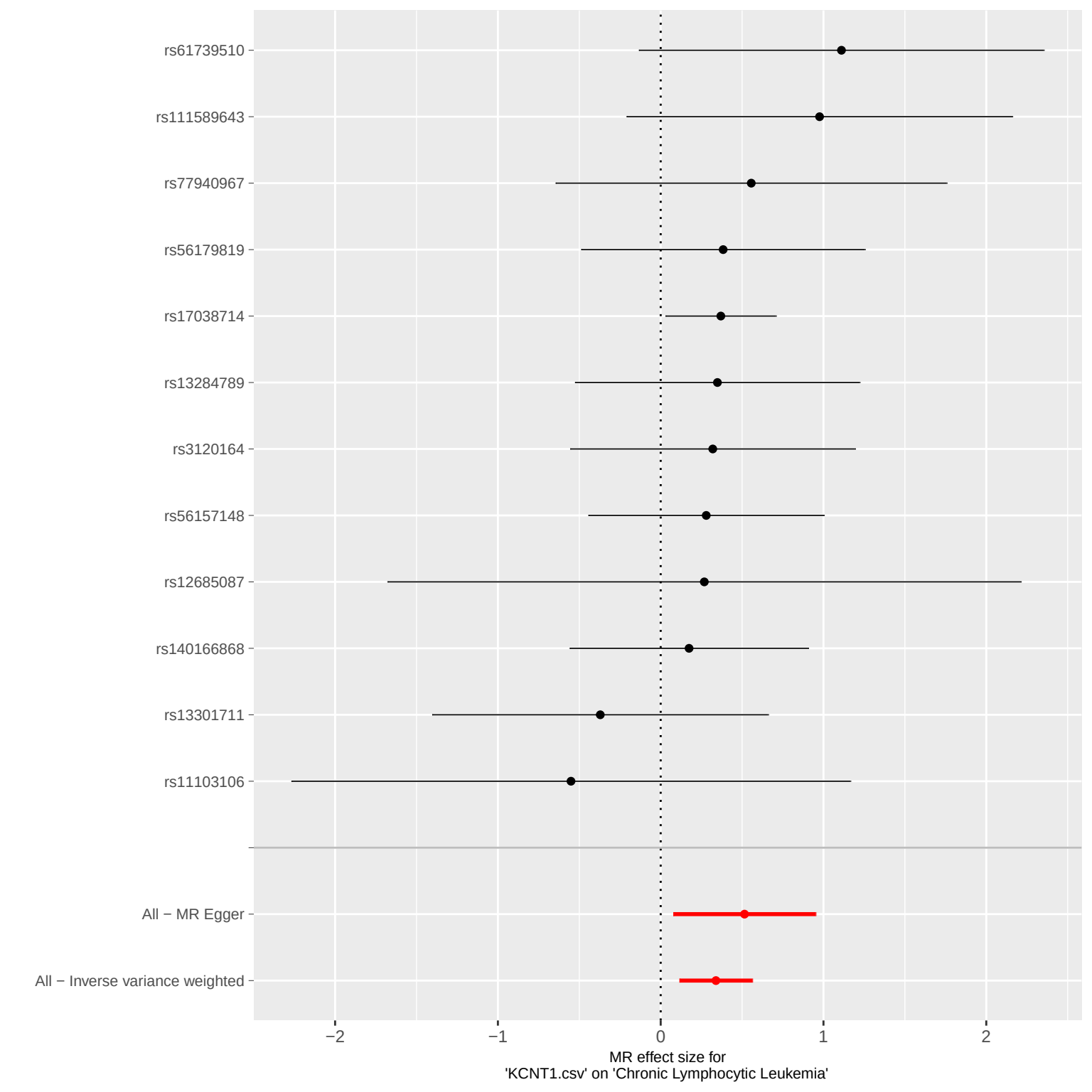
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rs13301711
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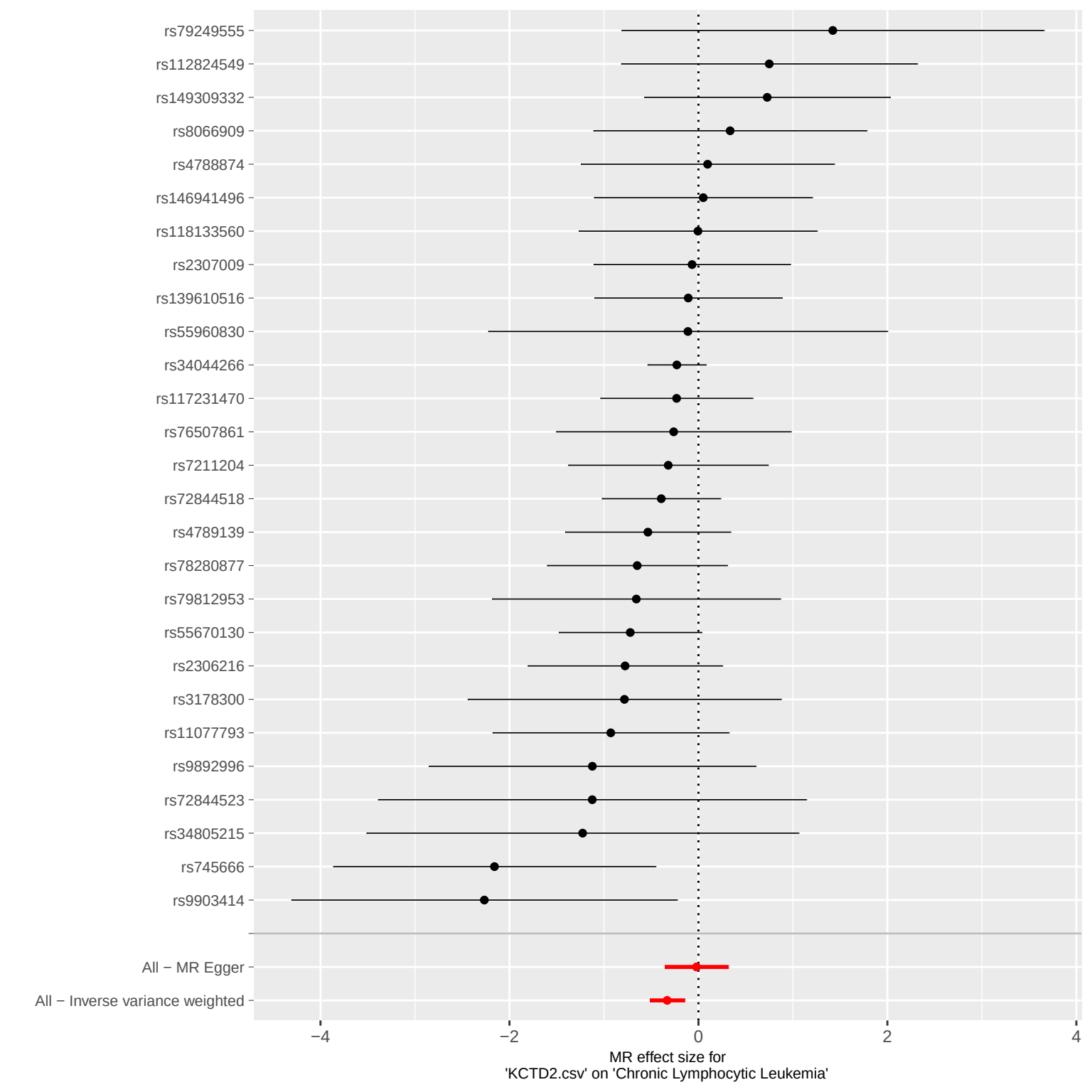
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'KCNT1.csv' on 'Chronic Lymphocytic Leukemia'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rs745666
rs9903414
All − MR Egger
All − Inverse variance weighted
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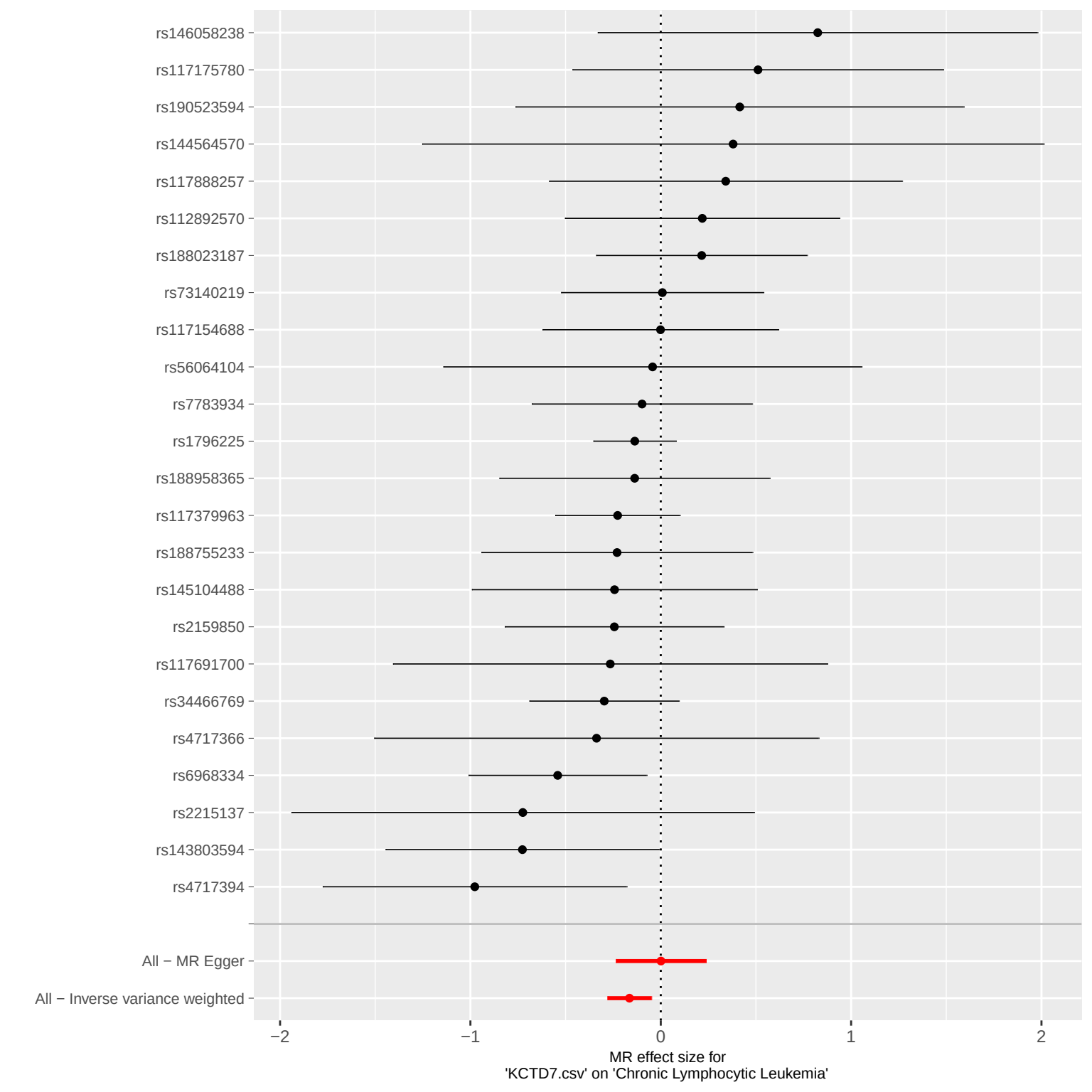
MR effect size for
'KCTD2.csv' on 'Chronic Lymphocytic Leukemia'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rs188958365
rs117379963
rs188755233
rs145104488
rs2159850
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rs4717366
rs6968334
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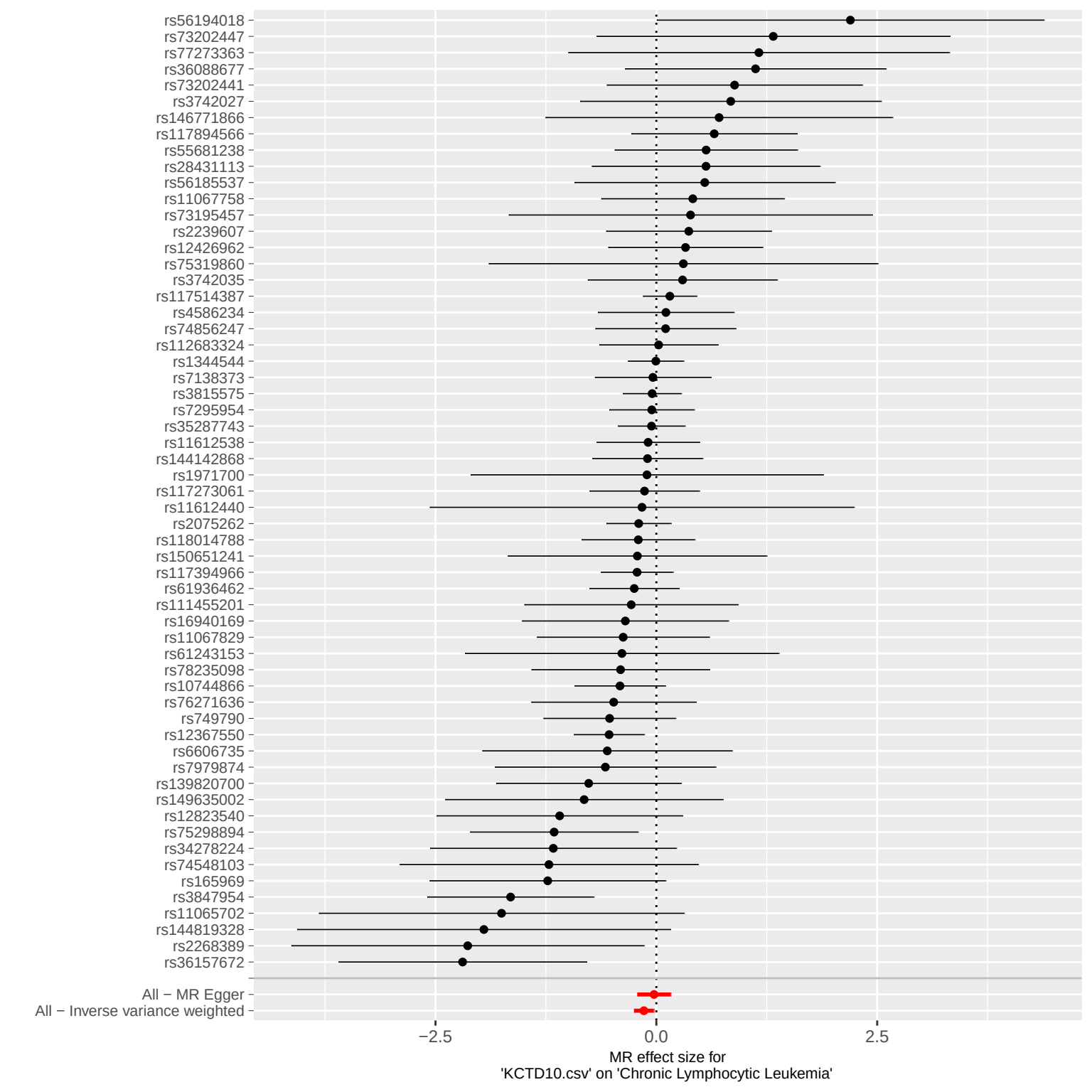
rs4717394
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'KCTD7.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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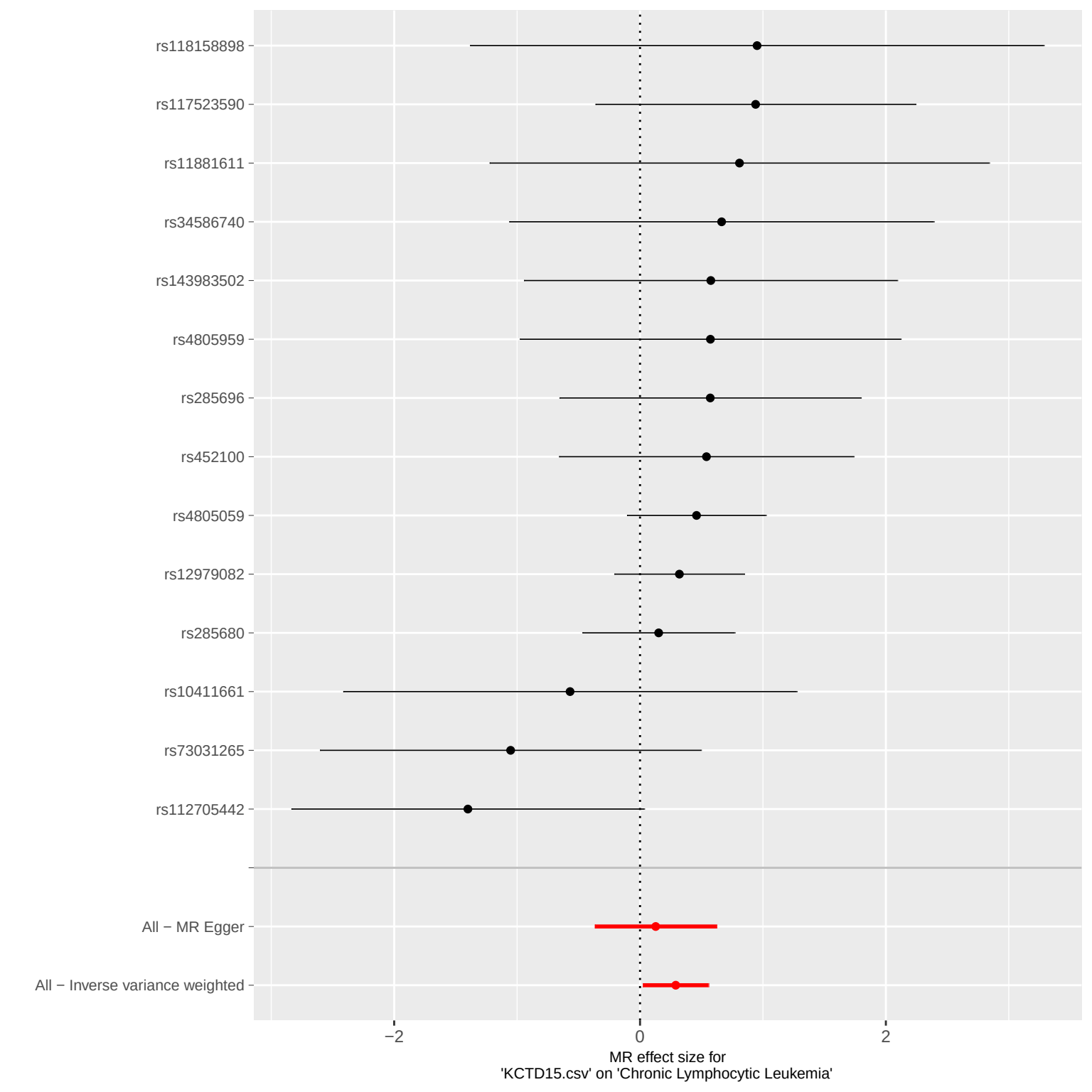
0.0
2.5
MR effect size for
'KCTD10.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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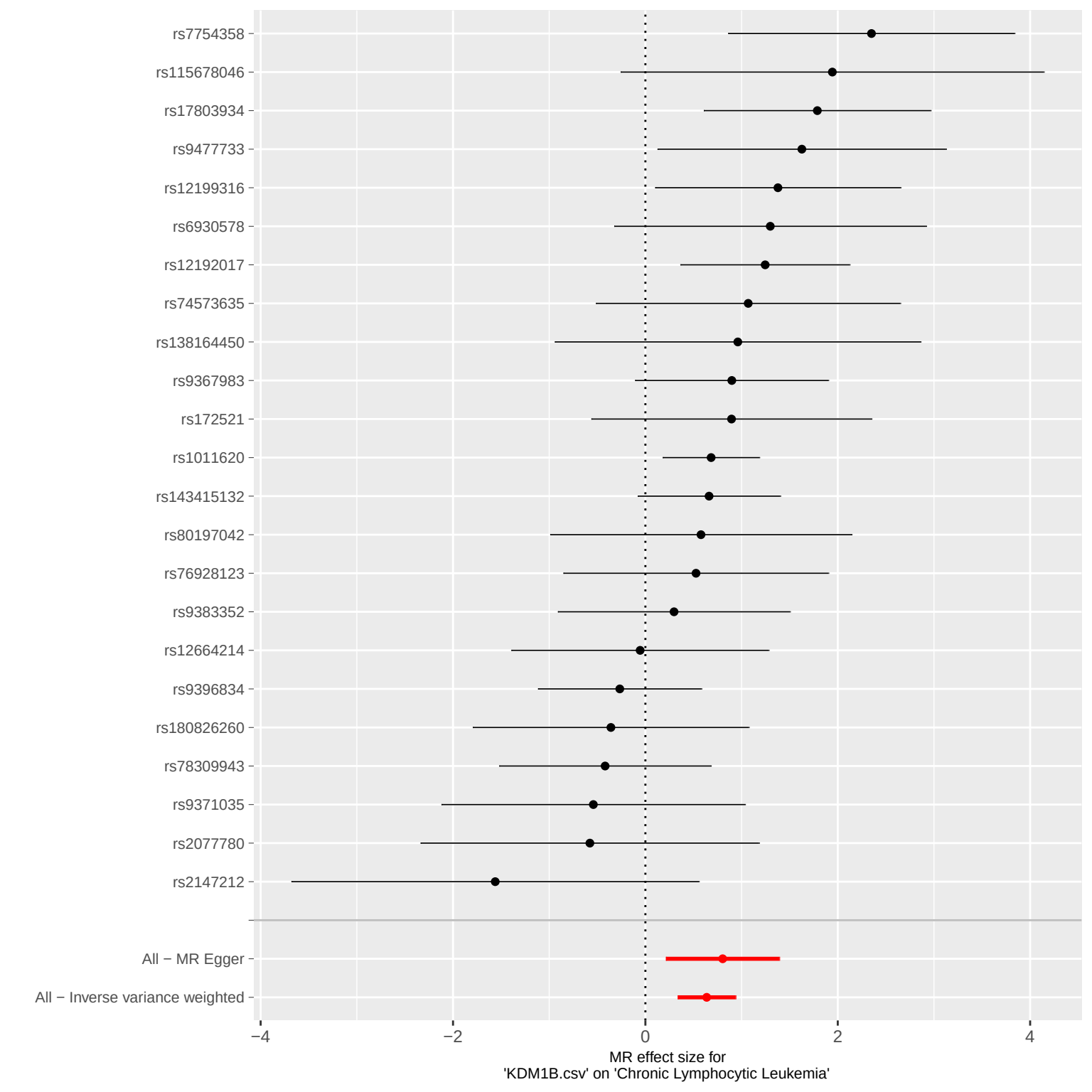
MR effect size for
'KCTD15.csv' on 'Chronic Lymphocytic Leukemia'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rs9396834
rs180826260
rs78309943
rs9371035
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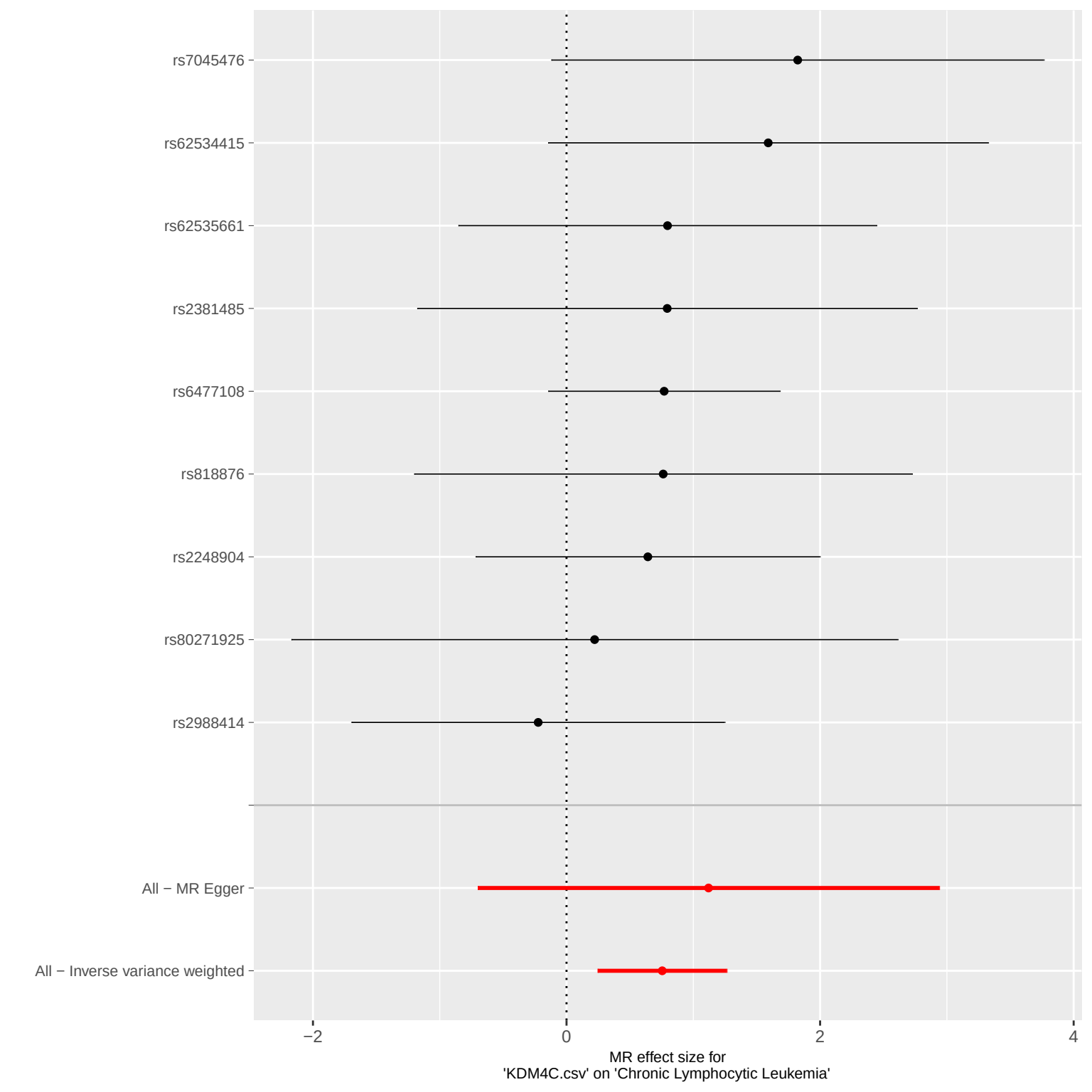
rs2147212
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'KDM1B.csv' on 'Chronic Lymphocytic Leukemia'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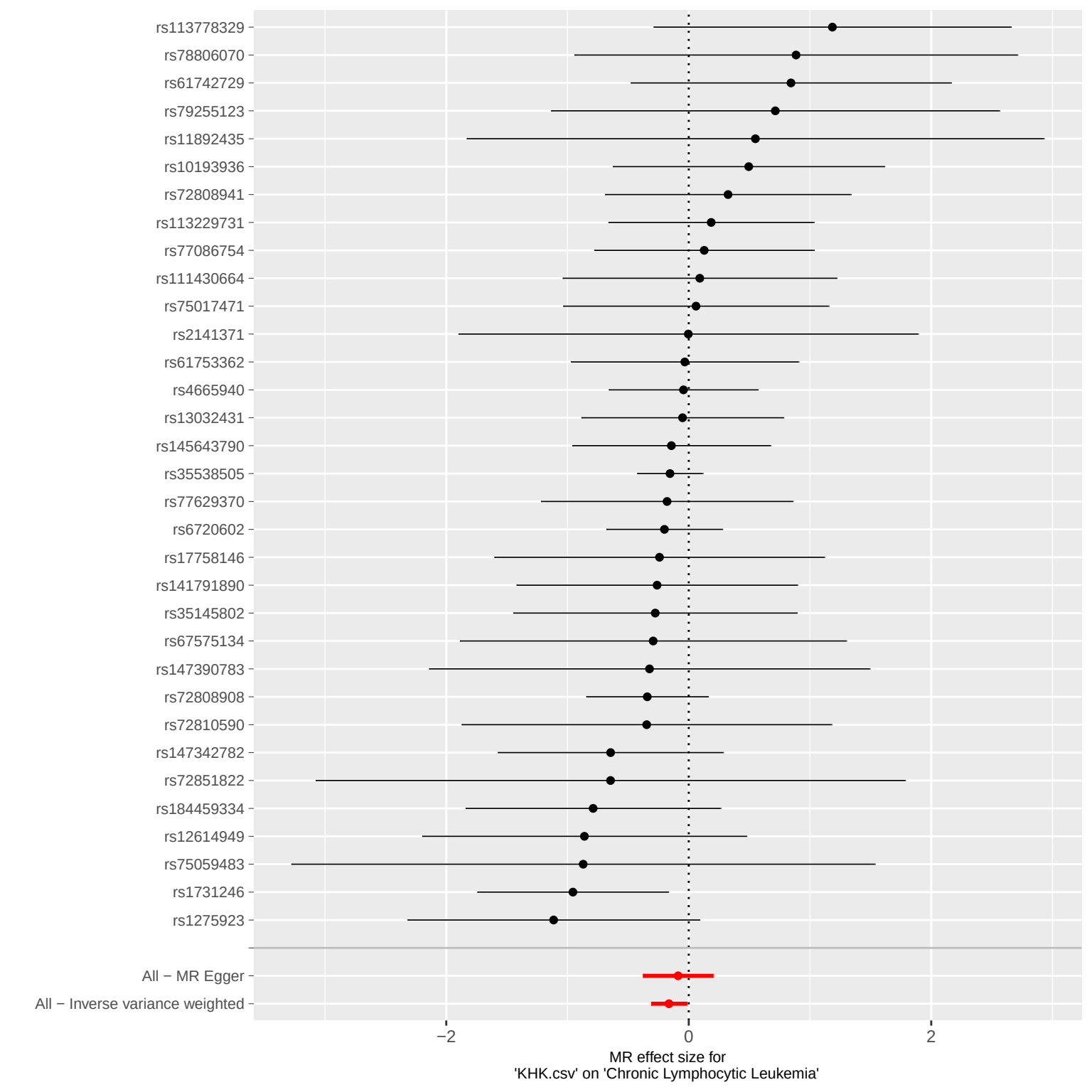
rs2988414
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'KDM4C.csv' on 'Chronic Lymphocytic Leukemia'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rs147342782
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rs184459334
rs12614949
rs75059483
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All − MR Egger
All − Inverse variance weighted
−2
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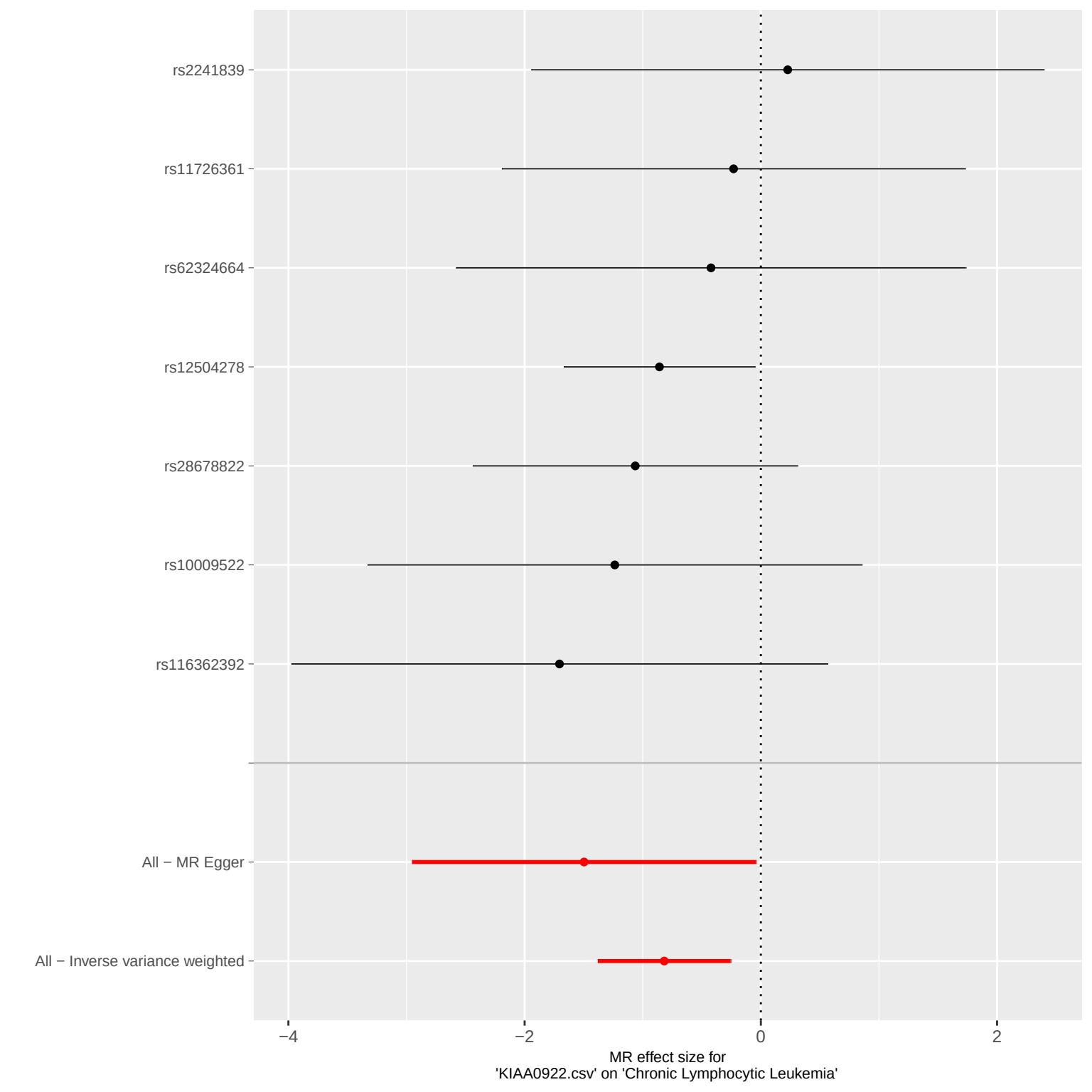
MR effect size for
'KHK.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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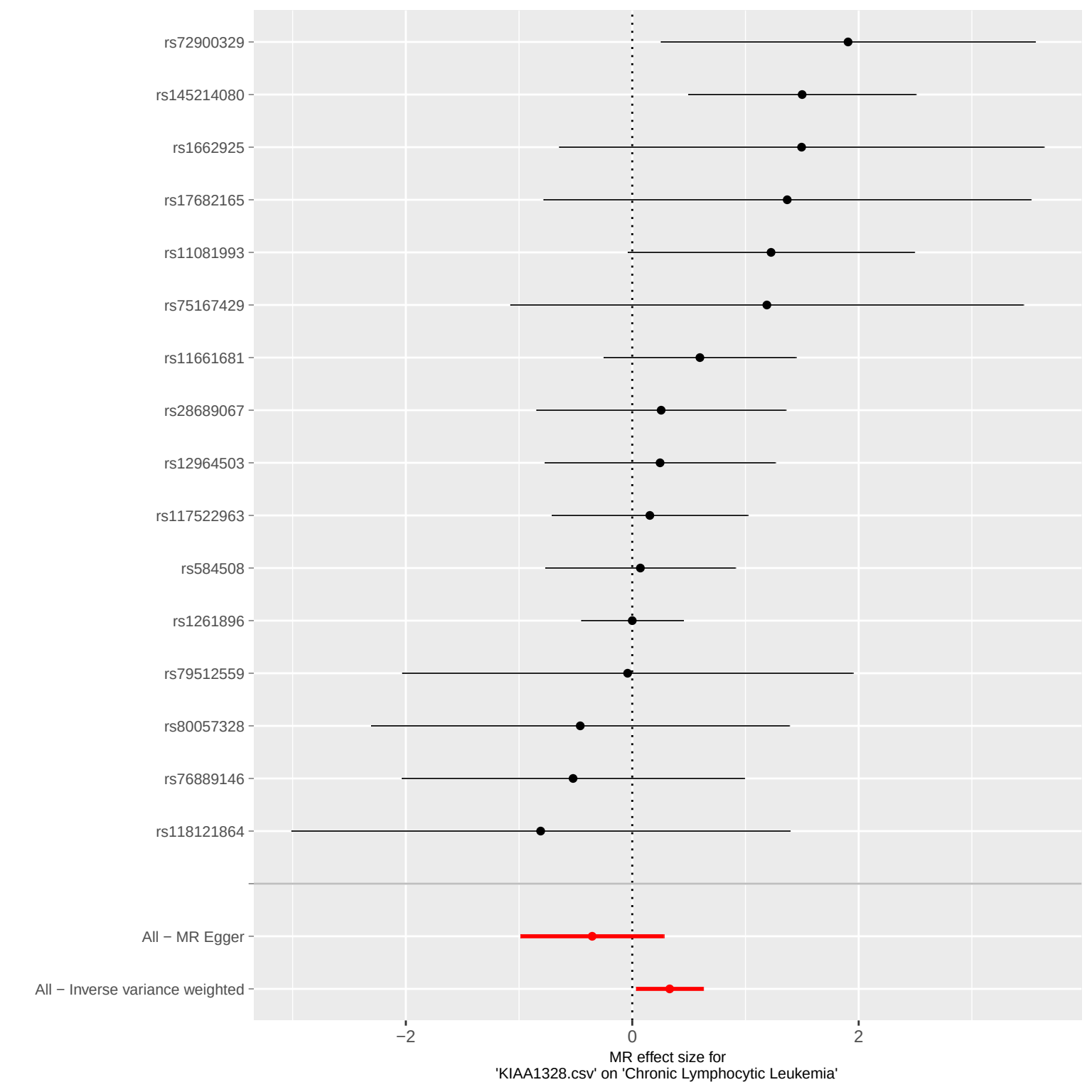
2
MR effect size for
'KIAA0922.csv' on 'Chronic Lymphocytic Leukemia'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rs76889146
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All − Inverse variance weighted
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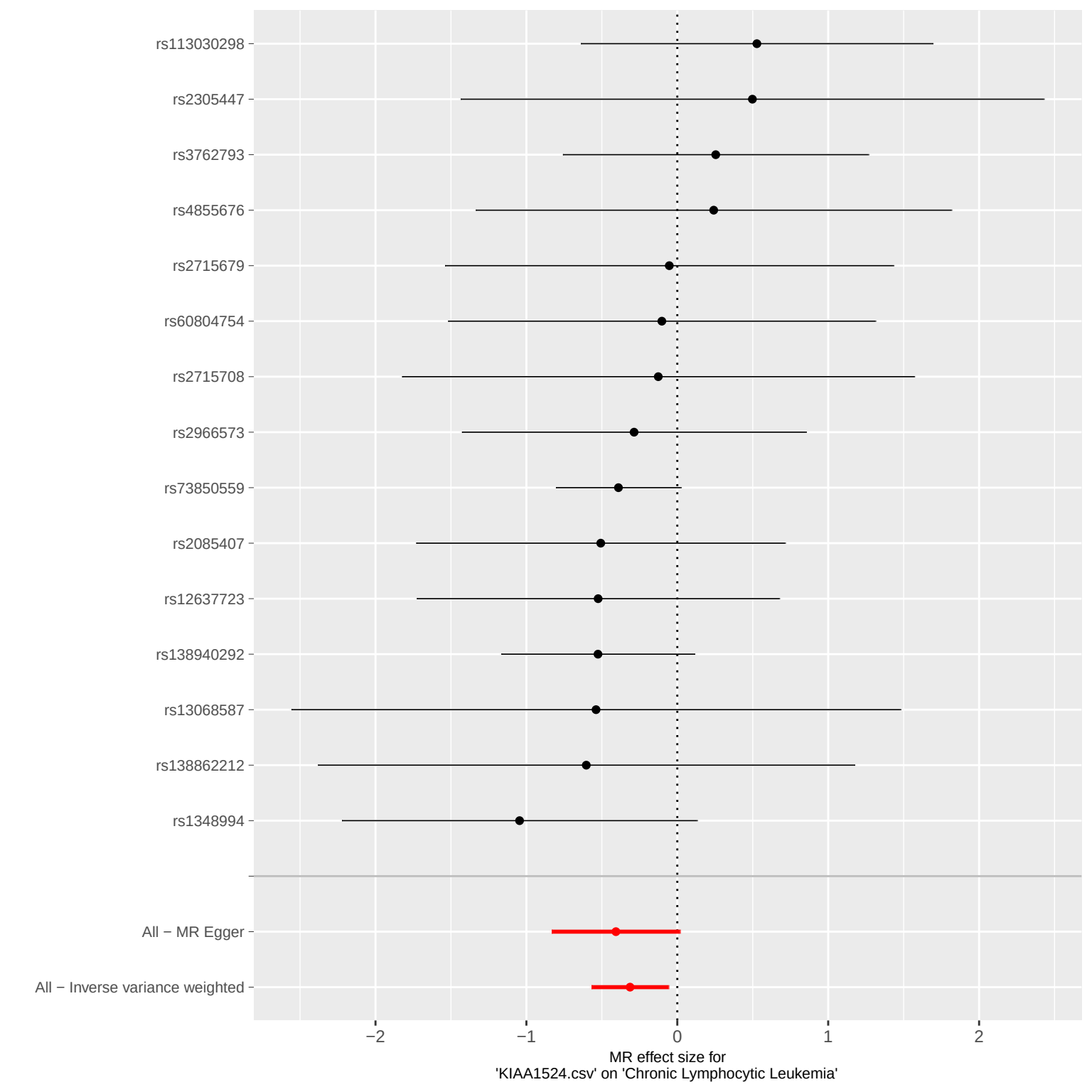
MR effect size for
'KIAA1328.csv' on 'Chronic Lymphocytic Leukemia'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rs138940292
rs13068587
rs138862212
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All − MR Egger
All − Inverse variance weighted
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1
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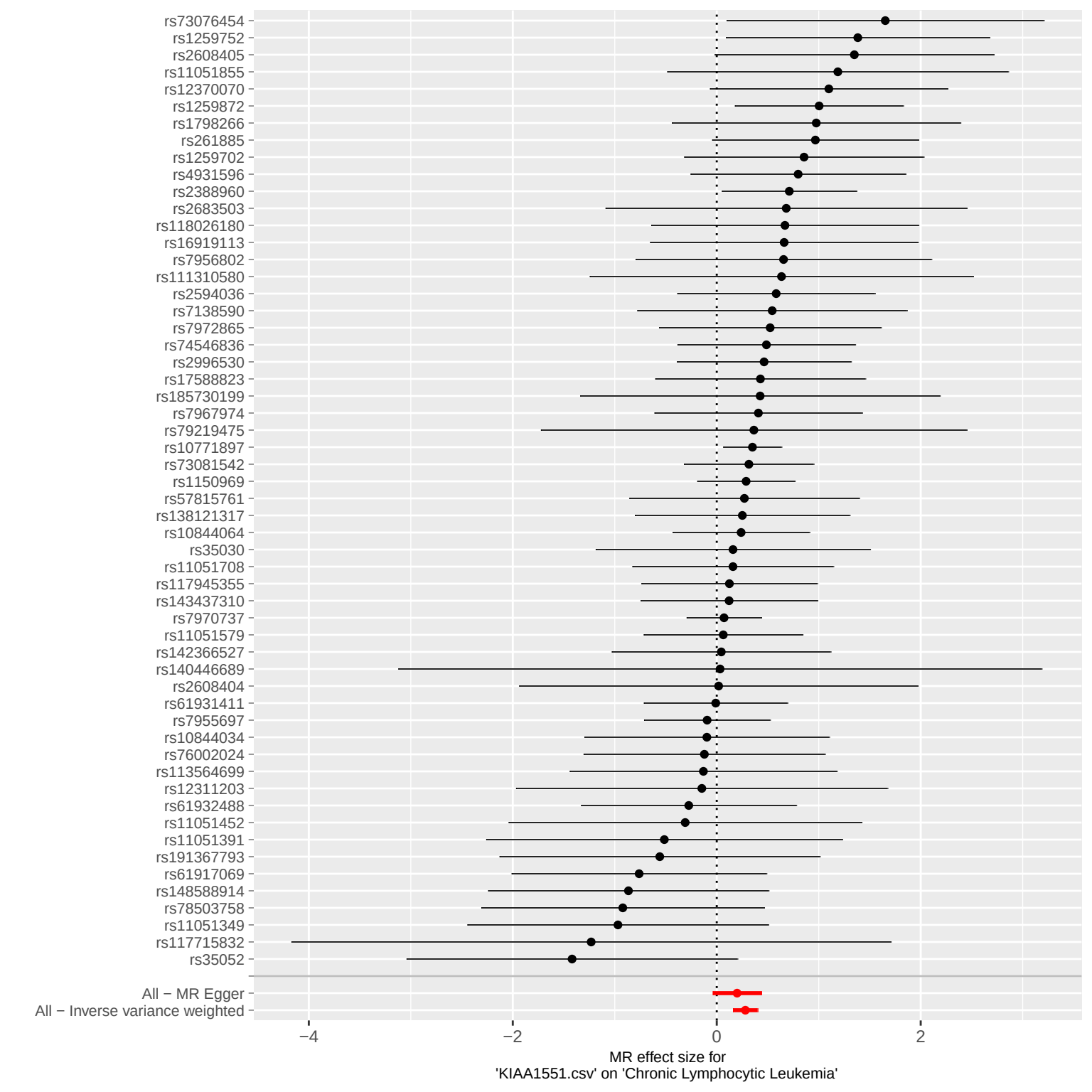
MR effect size for
'KIAA1524.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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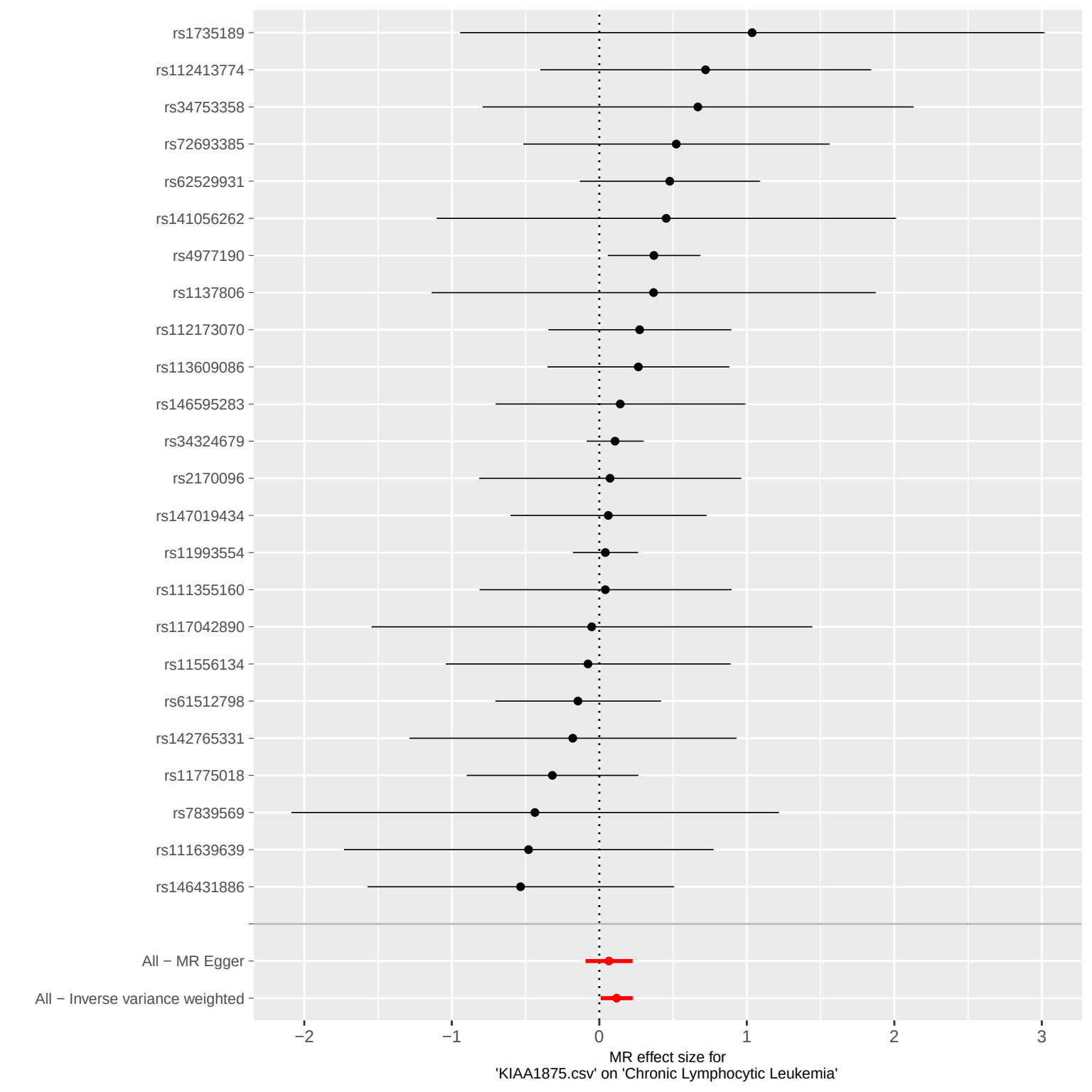
2
MR effect size for
'KIAA1551.csv' on 'Chronic Lymphocytic Leukemia'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rs7839569
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All − MR Egger
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1
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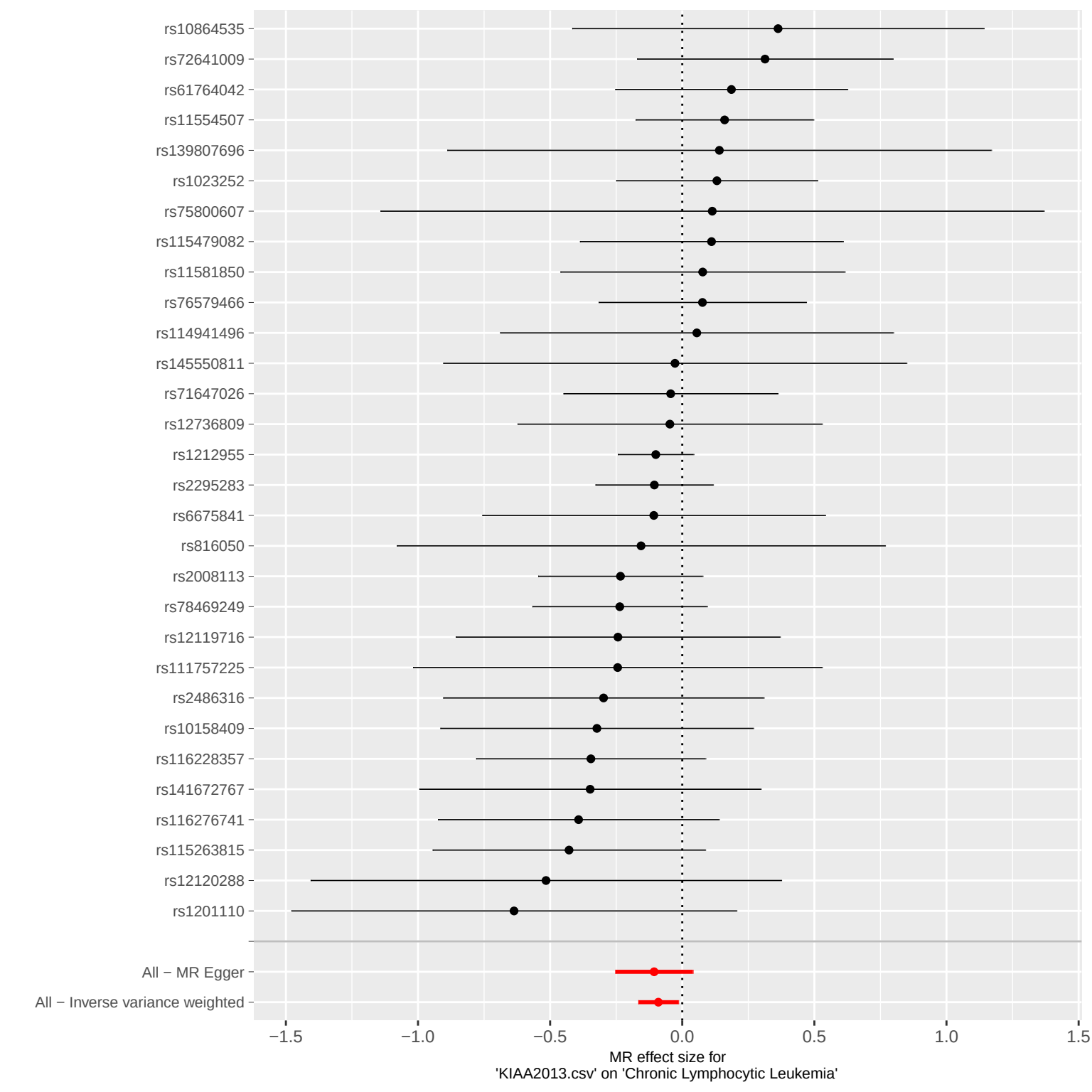
MR effect size for
'KIAA1875.csv' on 'Chronic Lymphocytic Leukemia'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rs12736809
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rs2295283
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rs2008113
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rs12119716
rs111757225
rs2486316
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rs116276741
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rs1201110
All − MR Egger
All − Inverse variance weighted
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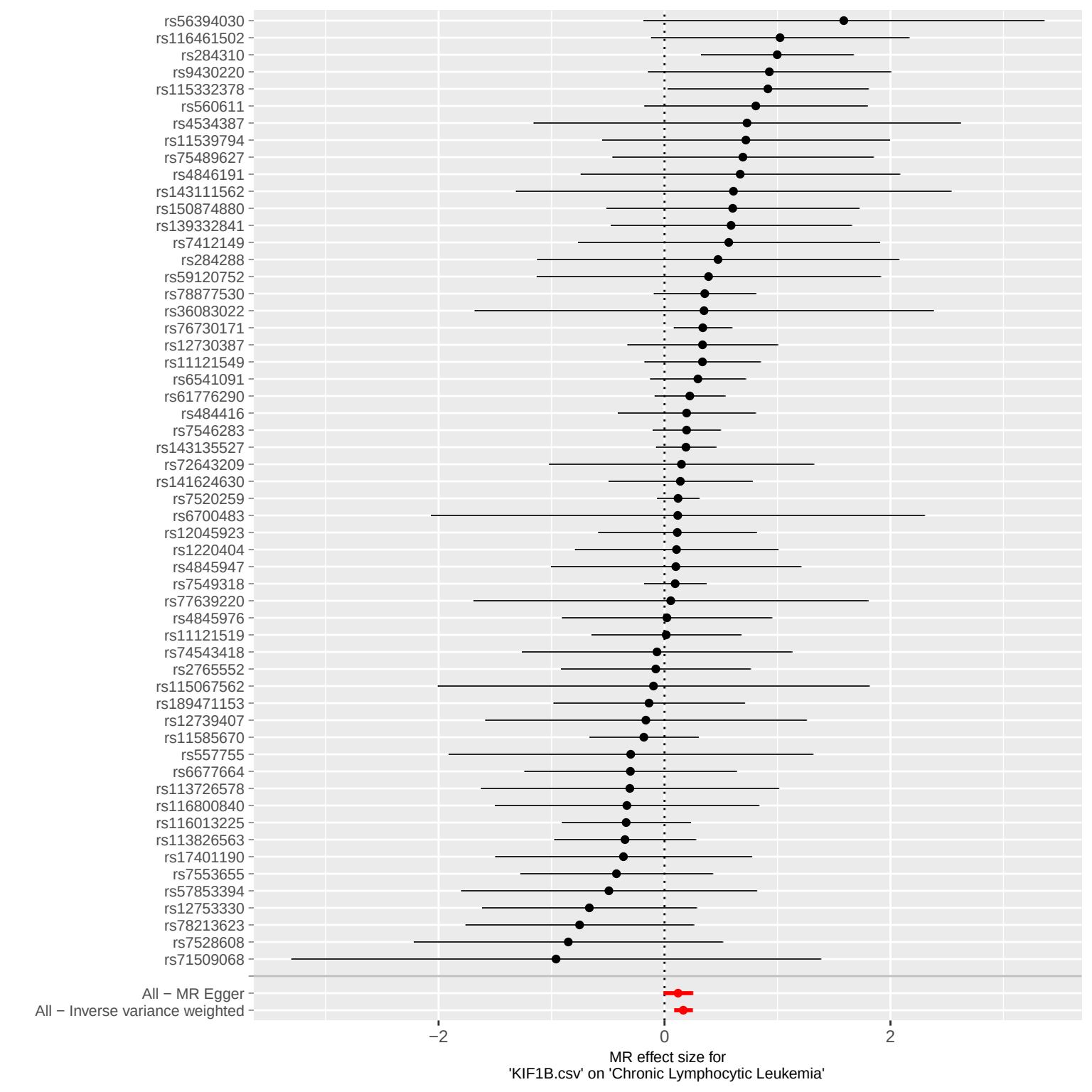
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'KIAA2013.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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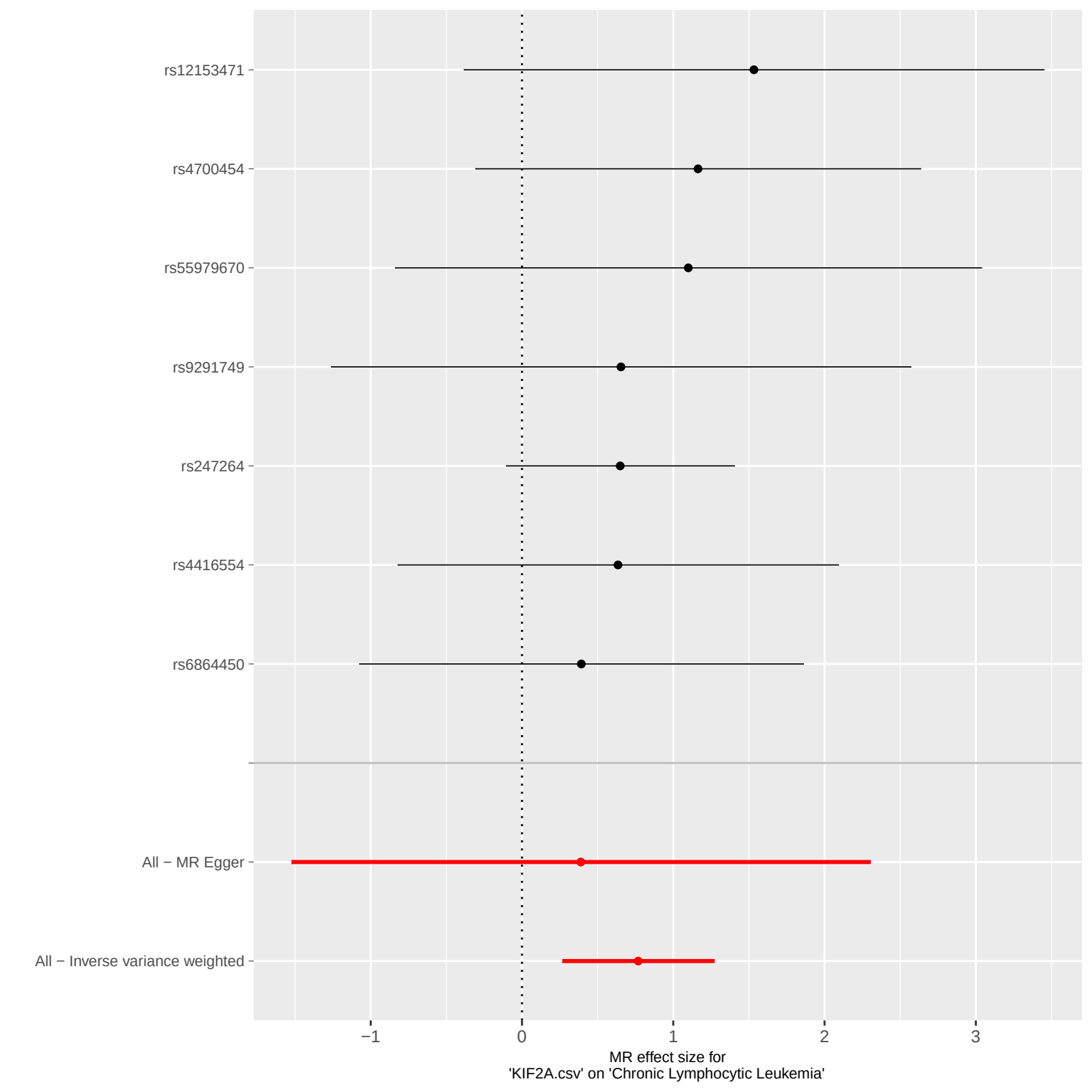
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rs4416554
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1
2
3
MR effect size for
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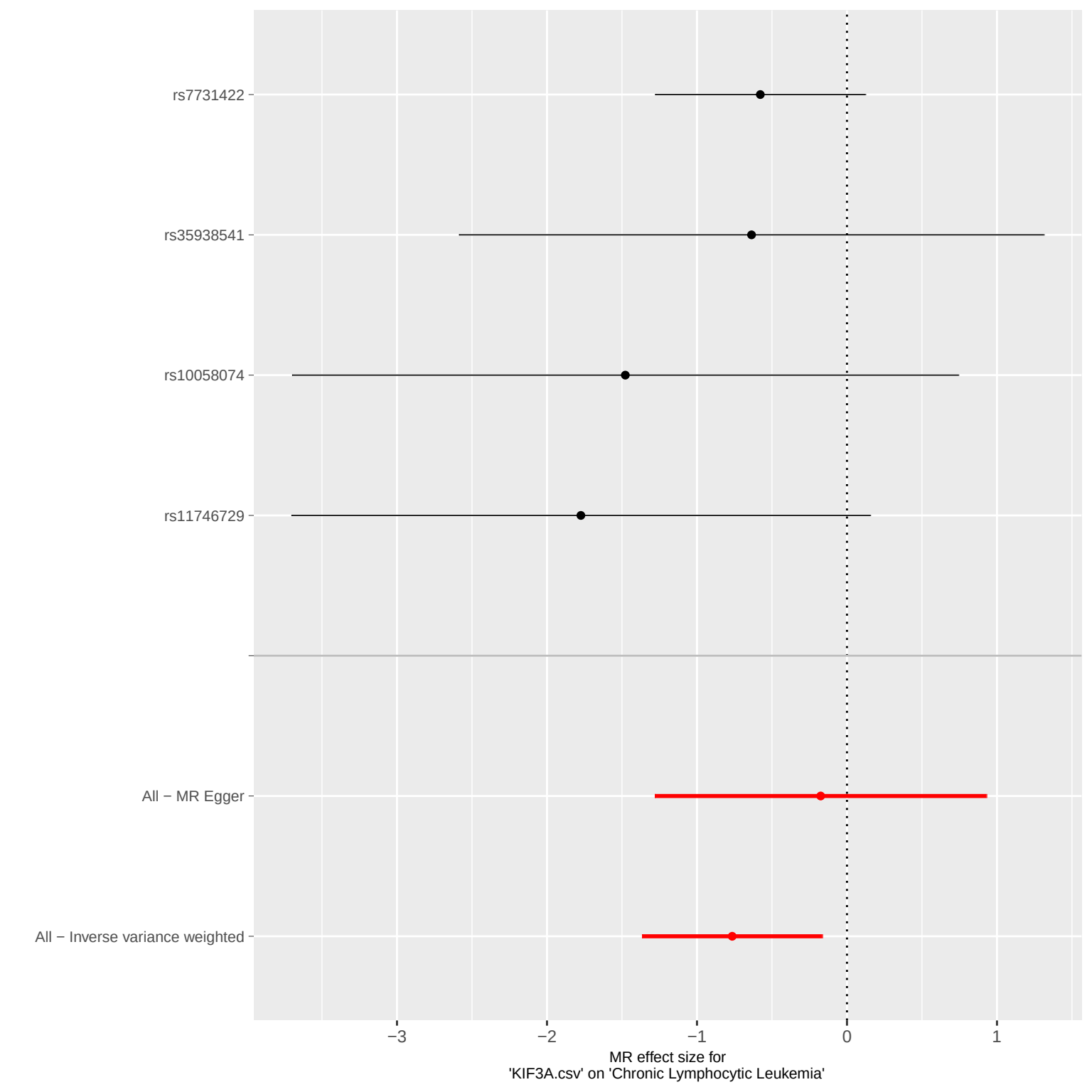
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All − Inverse variance weighted
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−2
−1
0
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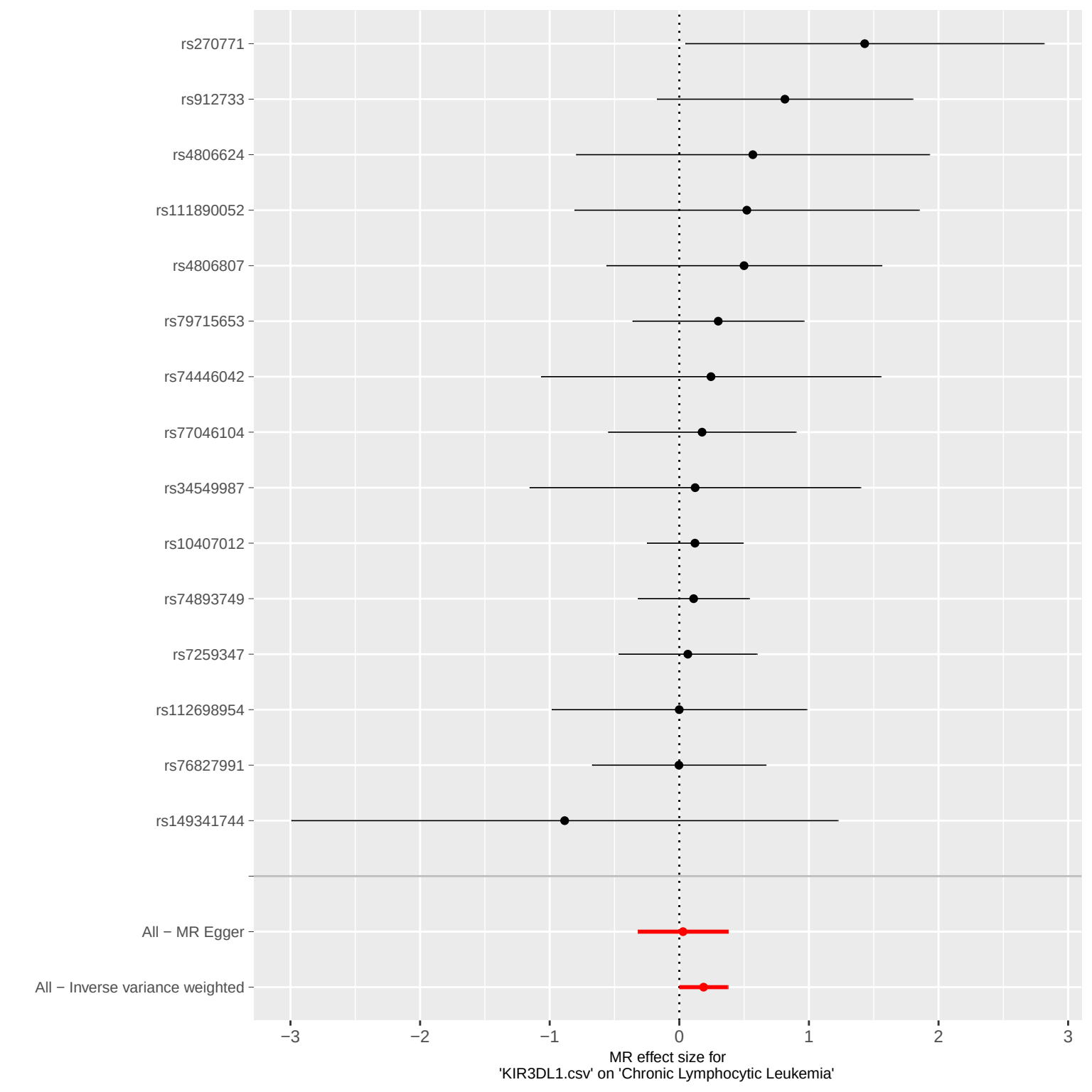
MR effect size for
'KIF3A.csv' on 'Chronic Lymphocytic Leukemia'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rs112698954
rs76827991
rs149341744
All − MR Egger
All − Inverse variance weighted
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−2
−1
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1
2
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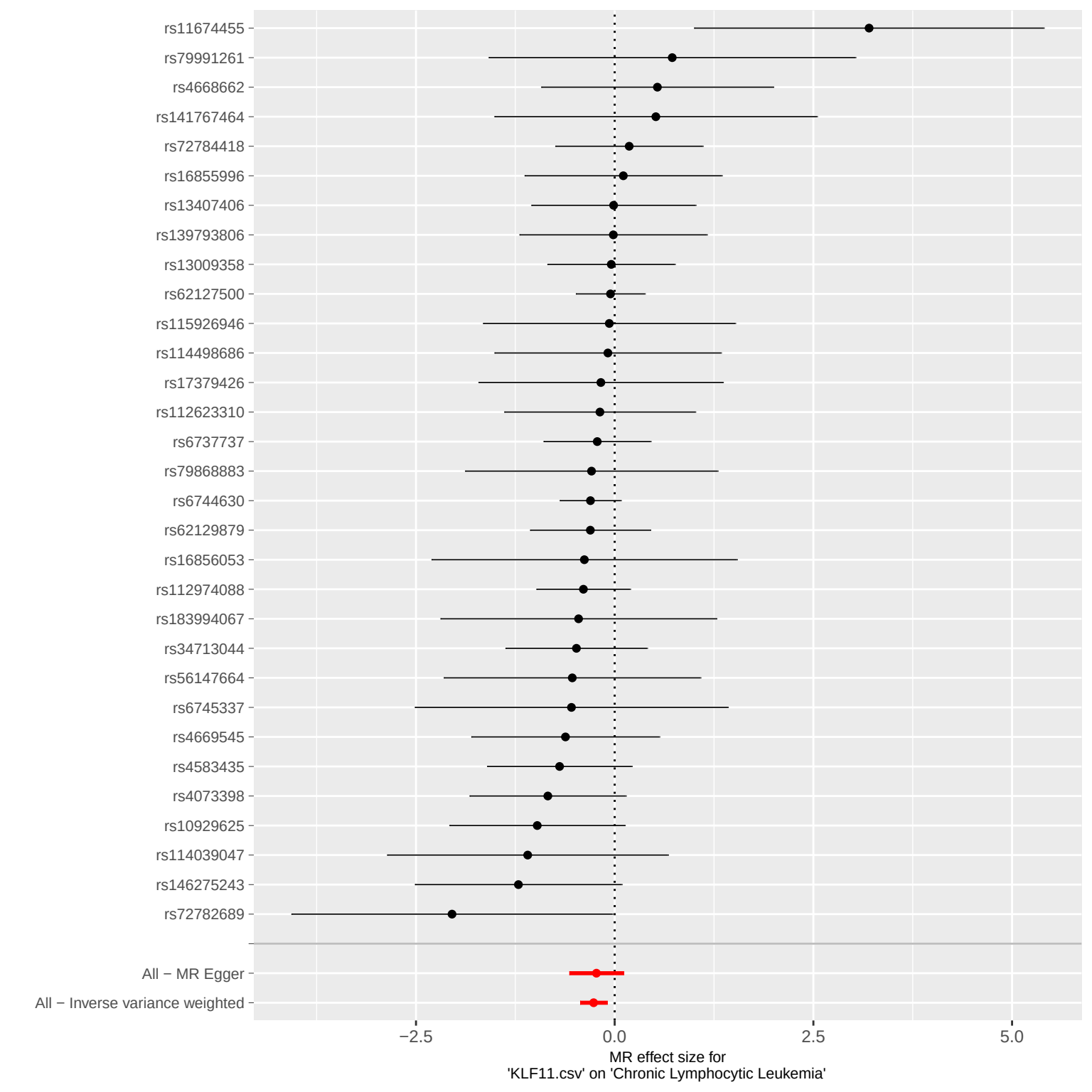
MR effect size for
'KIR3DL1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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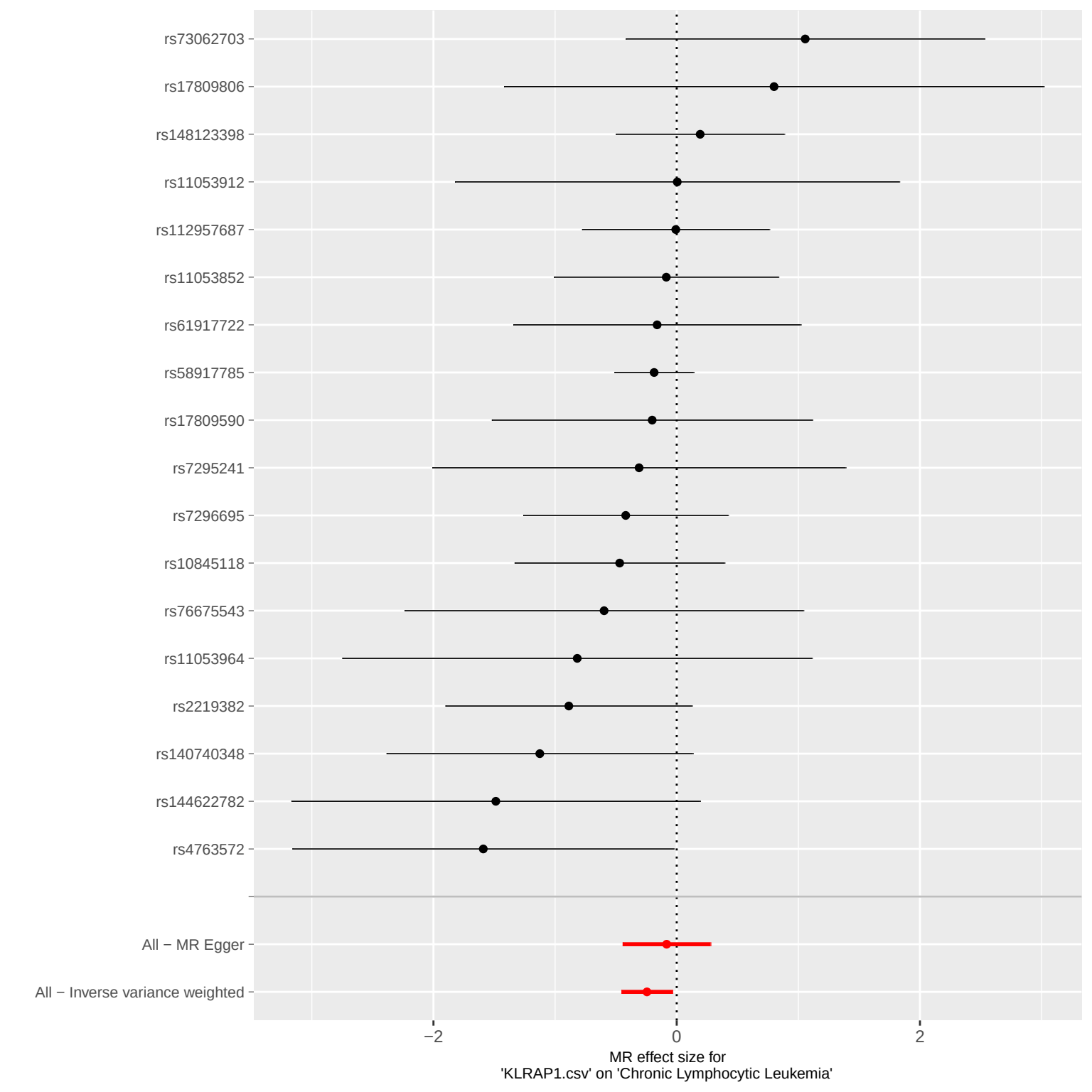
2.5
5.0
MR effect size for
'KLF11.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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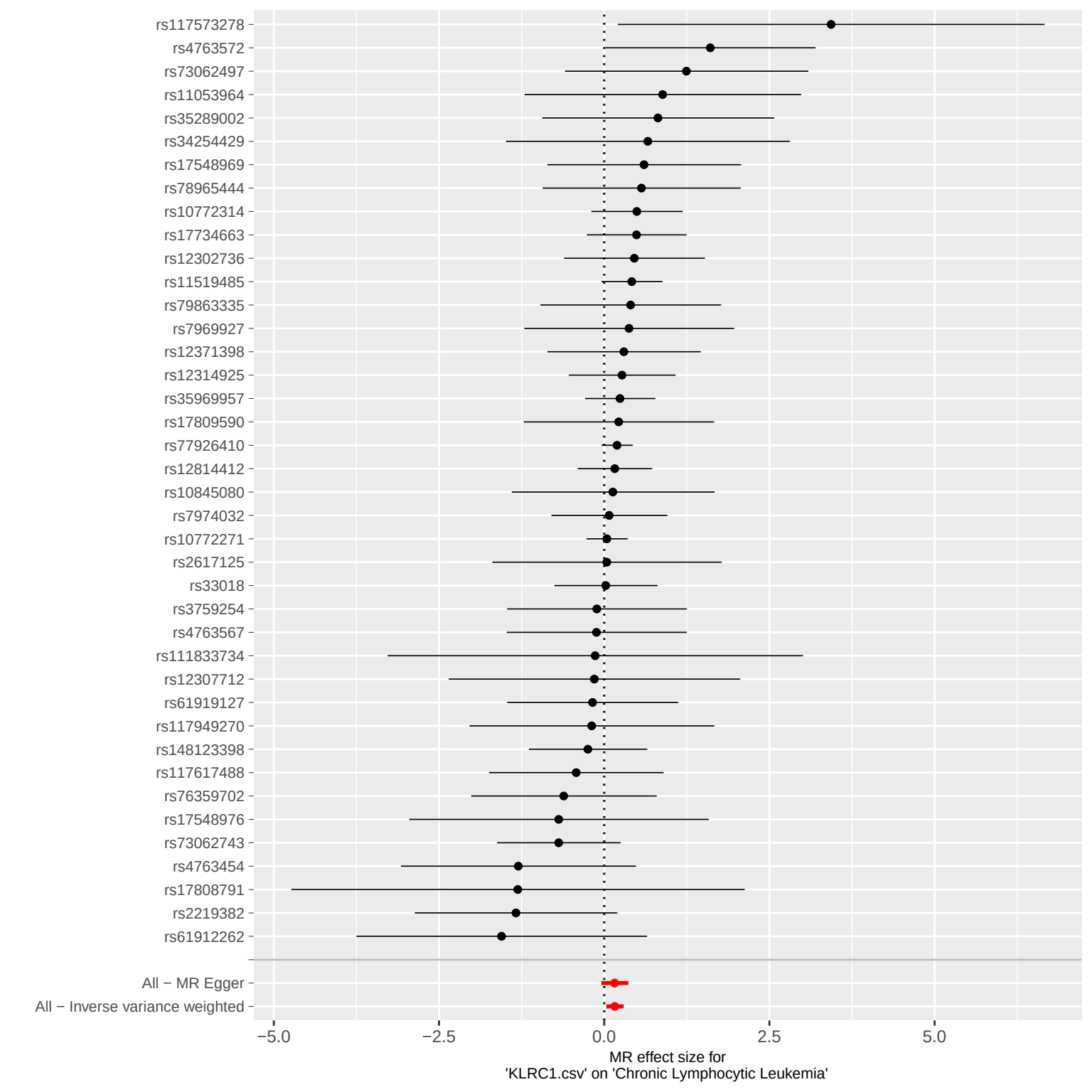
MR effect size for
'KLRAP1.csv' on 'Chronic Lymphocytic Leukemia'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rs61919127
rs117949270
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rs117617488
rs76359702
rs17548976
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rs2219382
rs61912262
All − MR Egger
All − Inverse variance weighted
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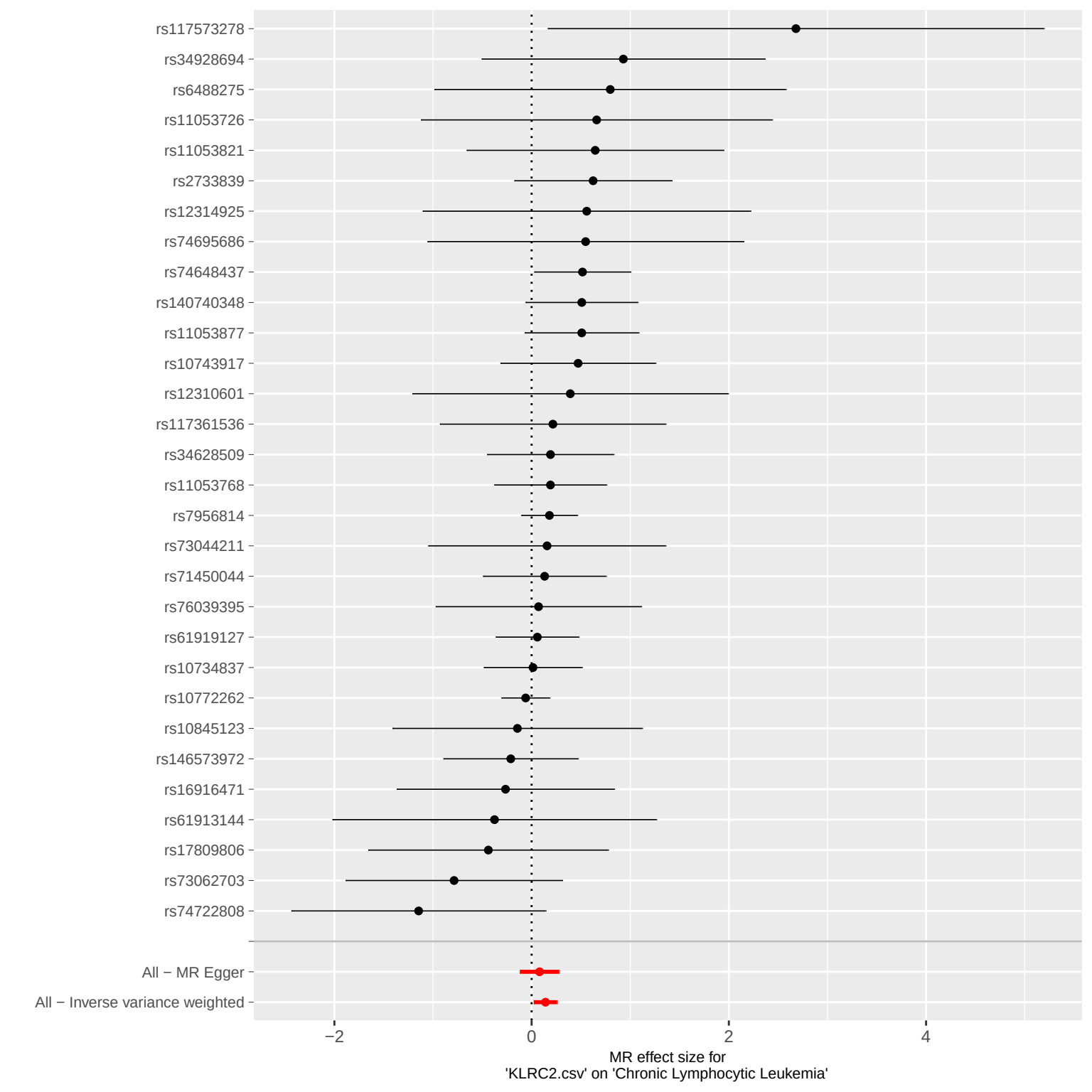
0.0
2.5
5.0
MR effect size for
'KLRC1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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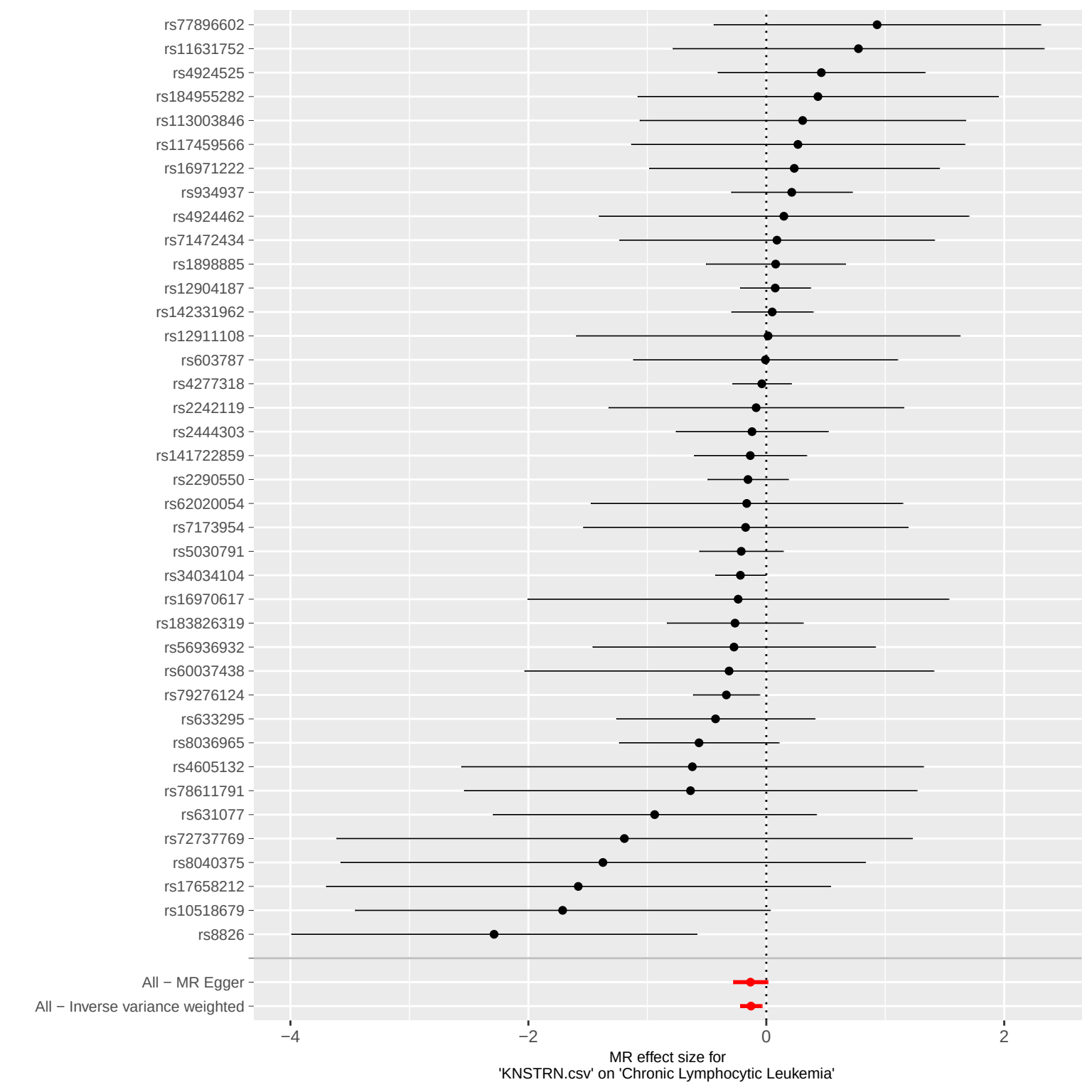
MR effect size for
'KLRC2.csv' on 'Chronic Lymphocytic Leukemia'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rs10518679
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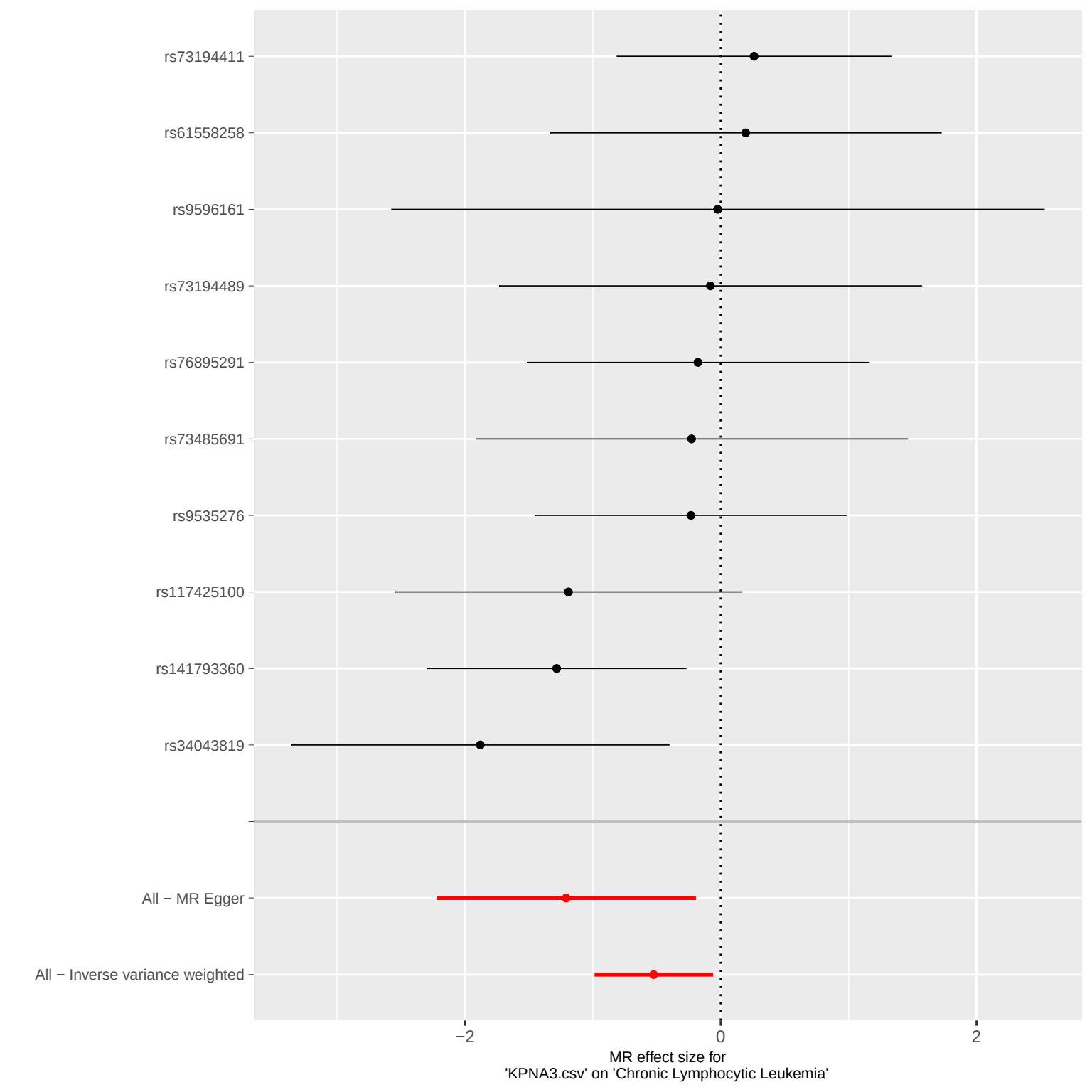
MR effect size for
'KNSTRN.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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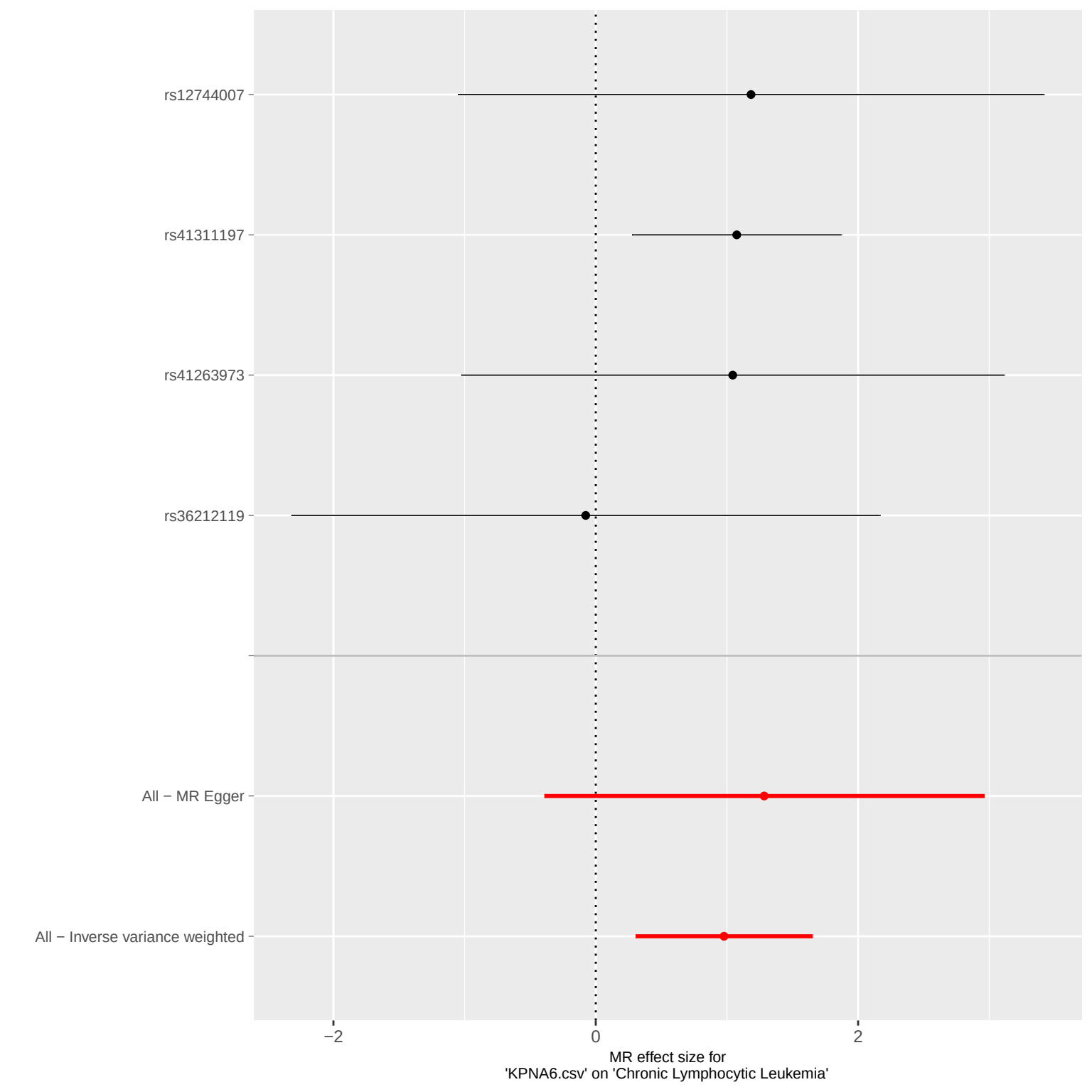
MR effect size for
'KPNA3.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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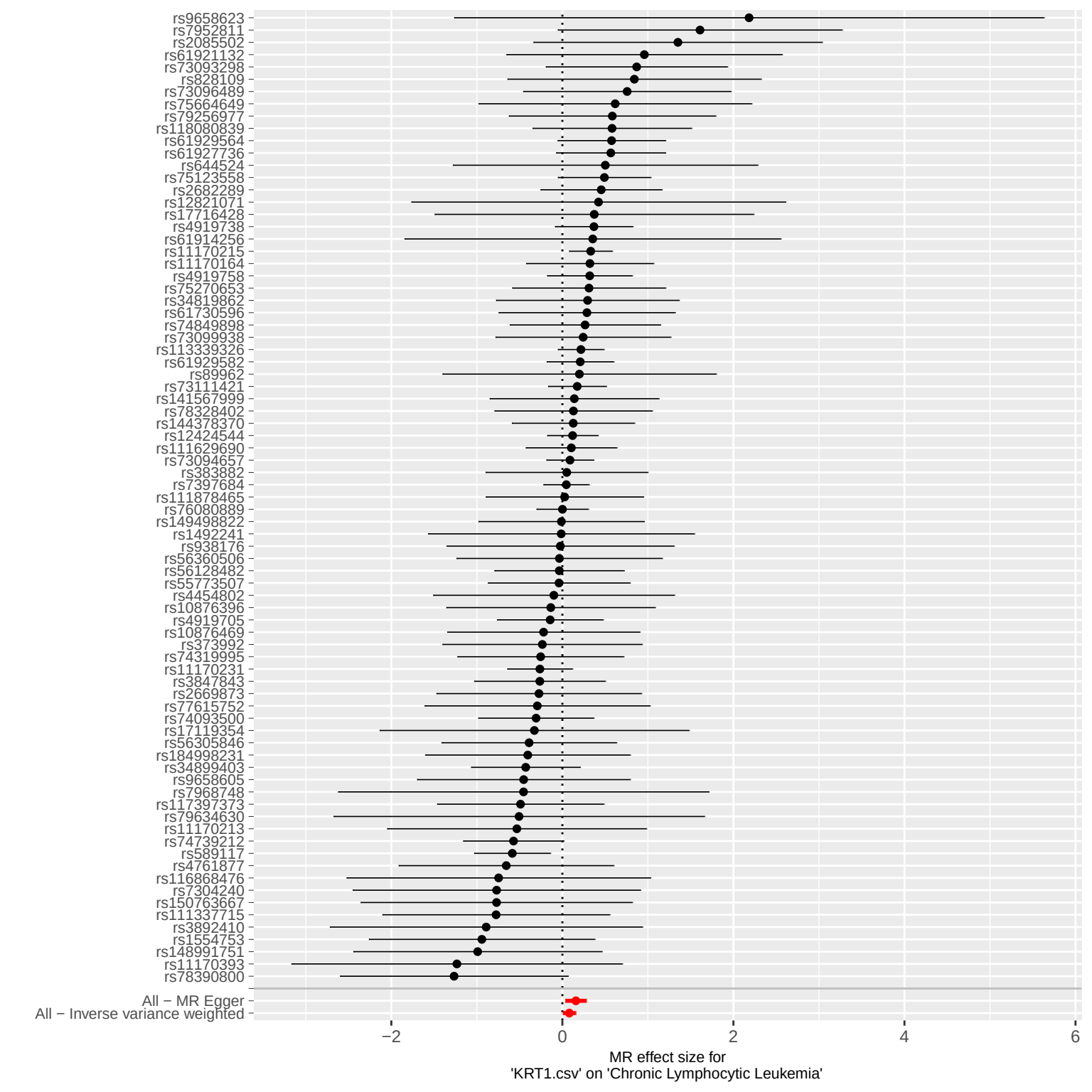
MR effect size for
'KPNA6.csv' on 'Chronic Lymphocytic Leukemia'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rs1554753
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rs11170393
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All − MR Egger
All − Inverse variance weighted
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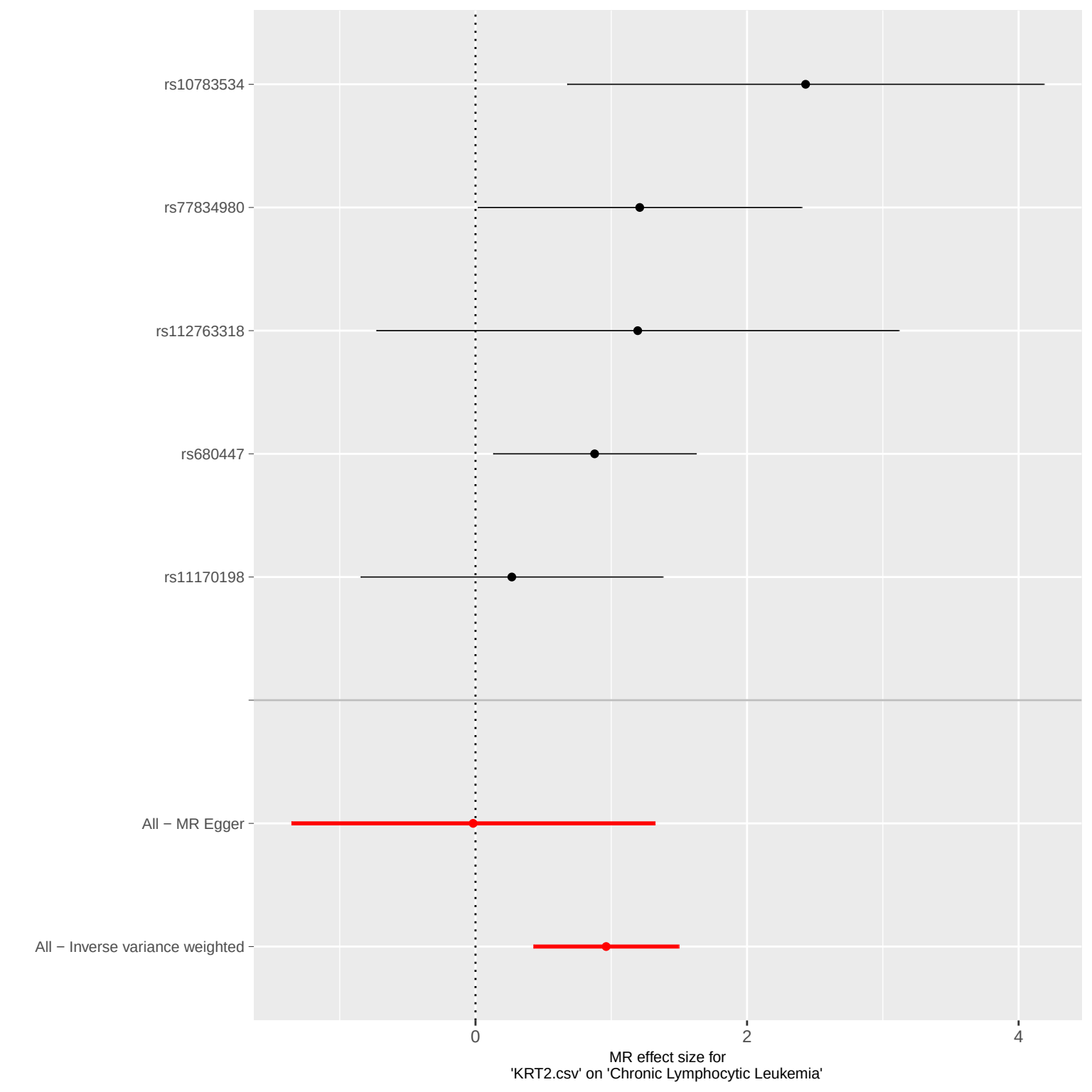
2
4
6
MR effect size for
'KRT1.csv' on 'Chronic Lymphocytic Leukemia'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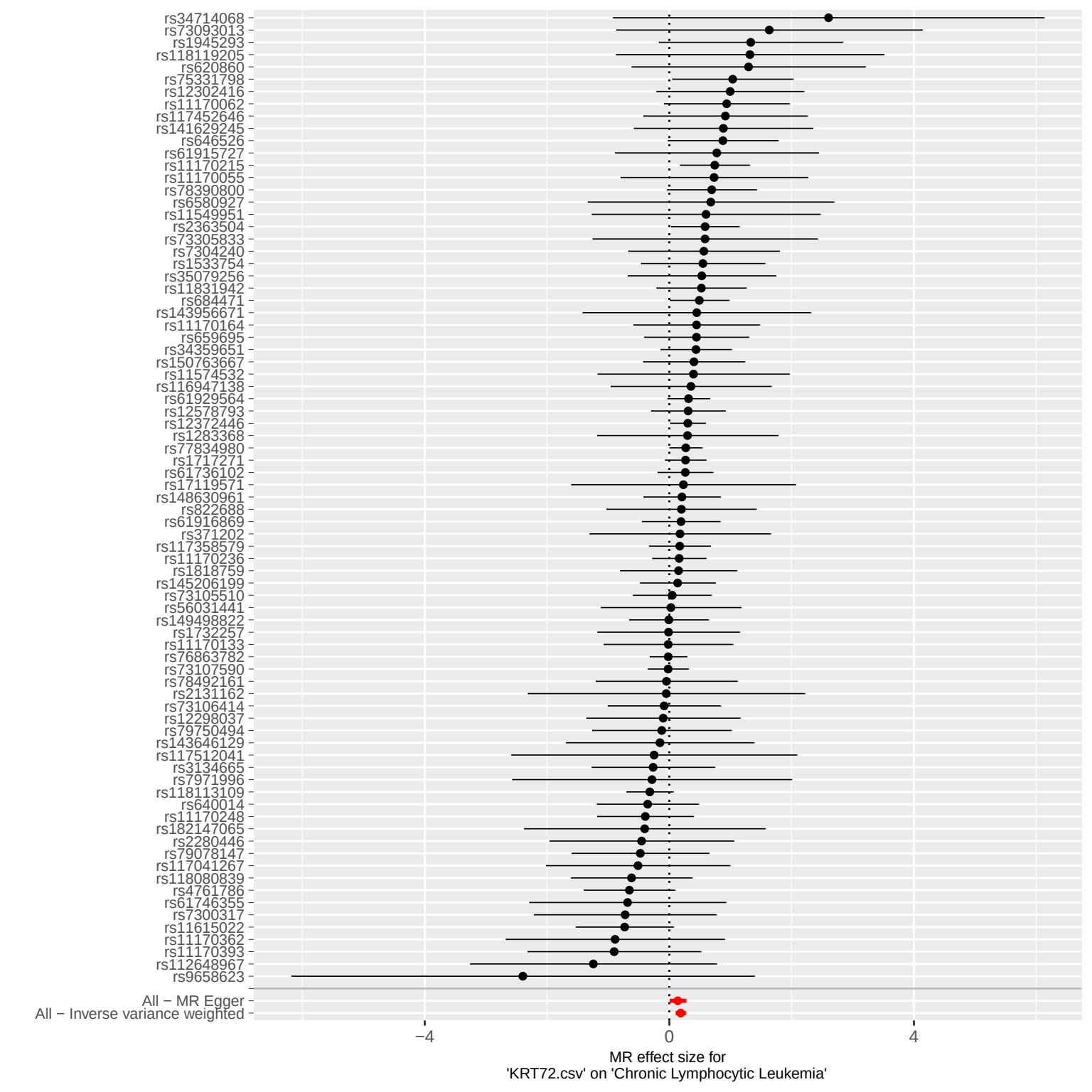
rs11170198
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'KRT2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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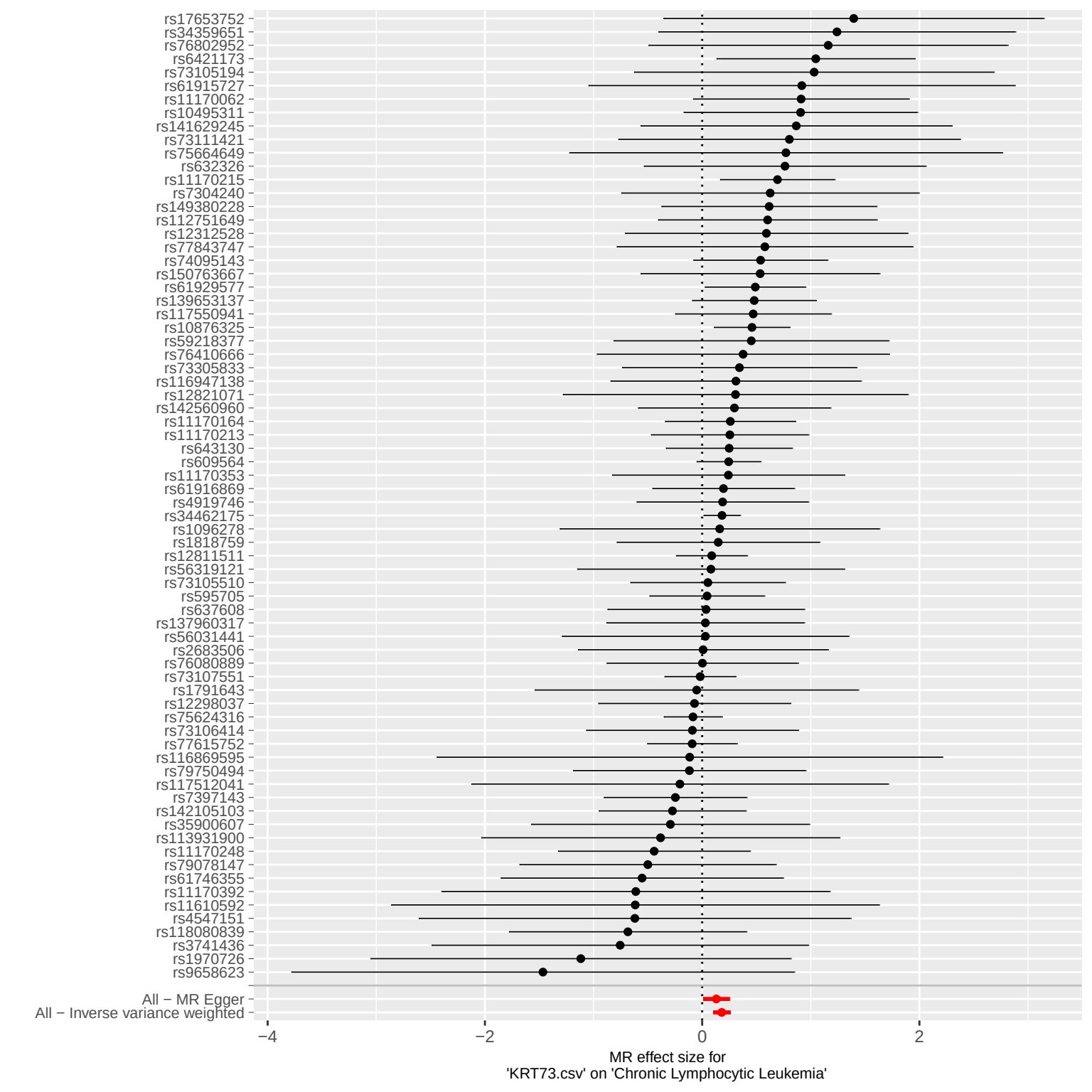
4
MR effect size for
'KRT72.csv' on 'Chronic Lymphocytic Leukemia'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rs11170248
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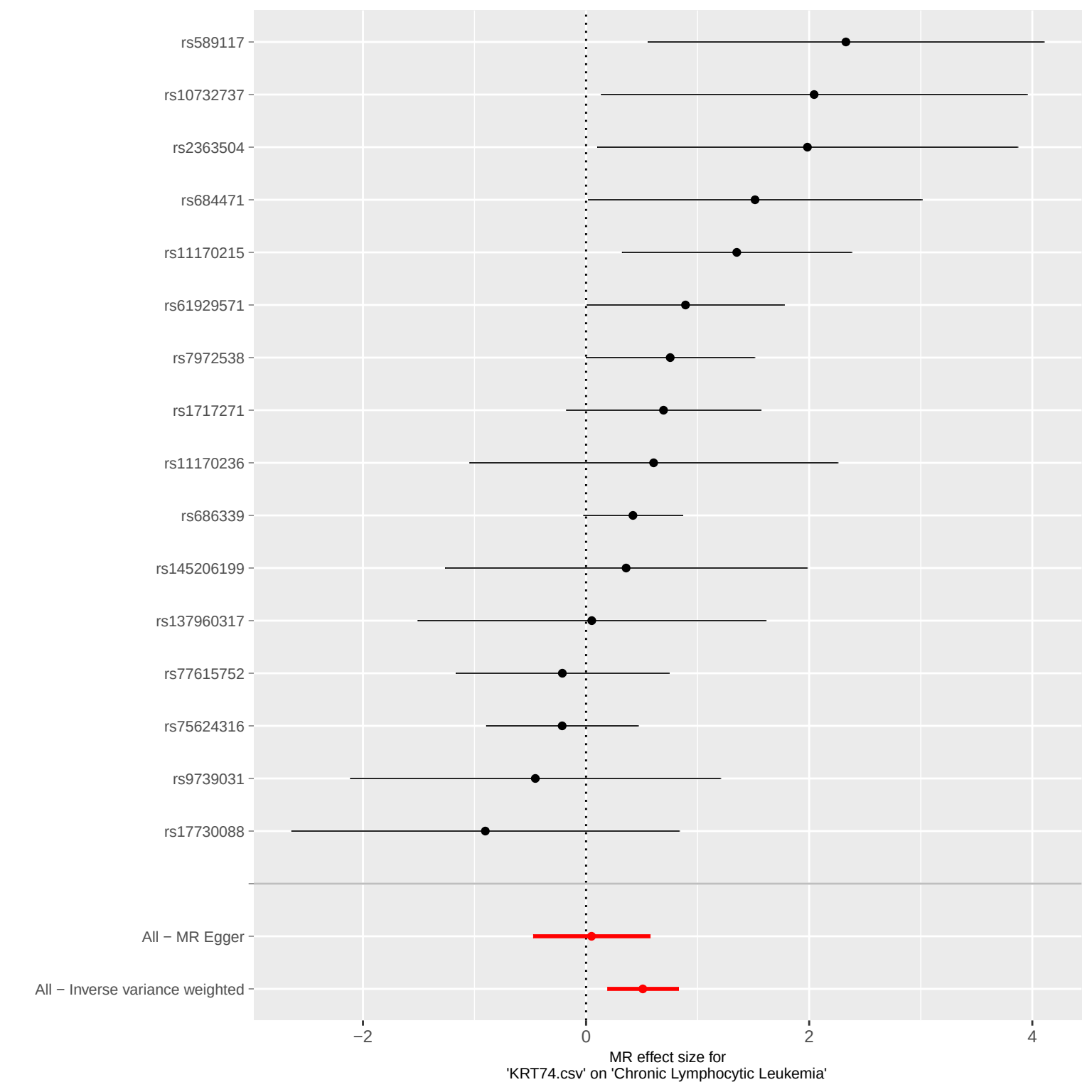
rs61746355
rs11170392
rs11610592
rs4547151
rs118080839
rs3741436
rs1970726
rs9658623
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'KRT73.csv' on 'Chronic Lymphocytic Leukemia'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rs2363504
rs684471
rs11170215
rs61929571
rs7972538
rs1717271
rs11170236
rs686339
rs145206199
rs137960317
rs77615752
rs75624316
rs9739031
rs17730088
All − MR Egger
All − Inverse variance weighted
−2
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2
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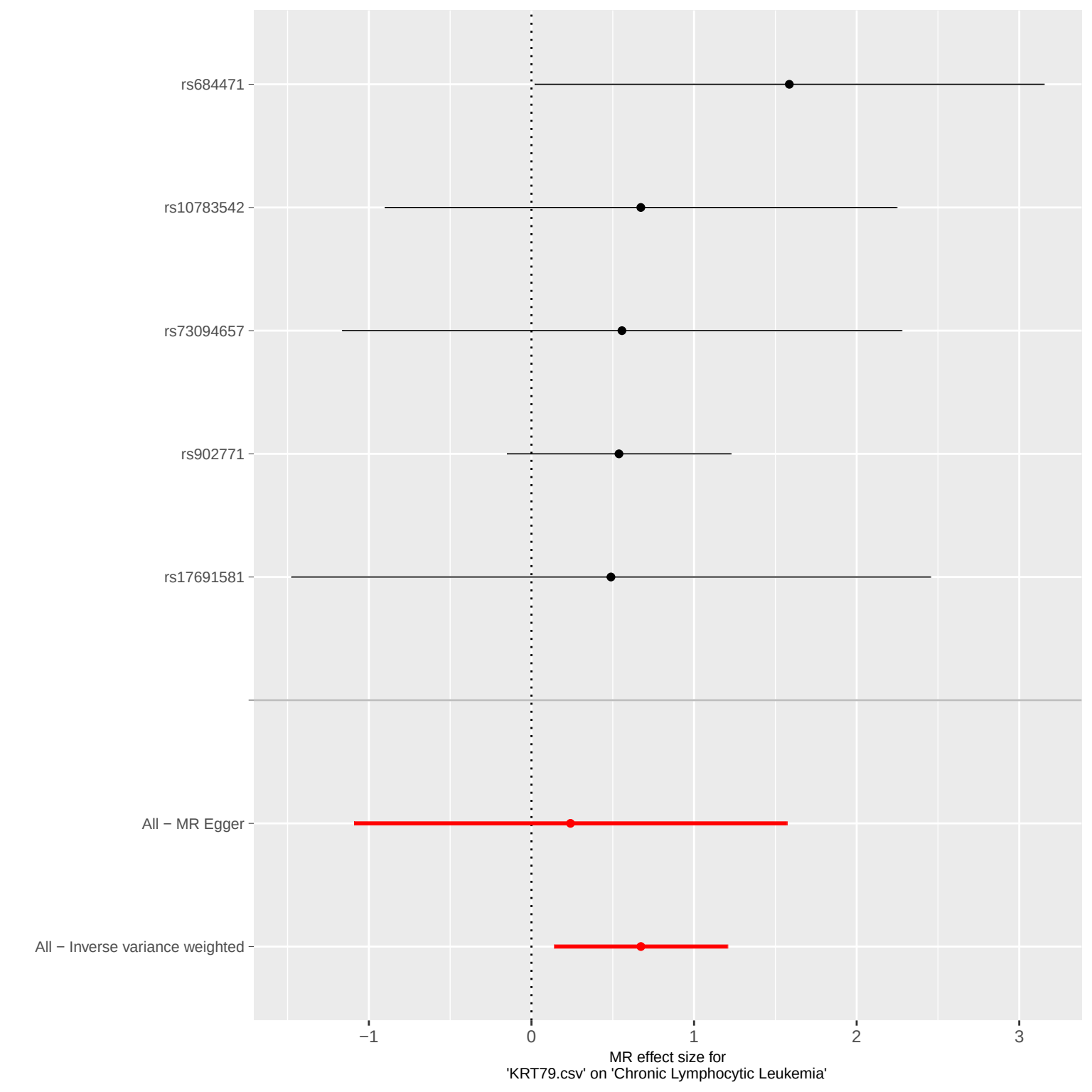
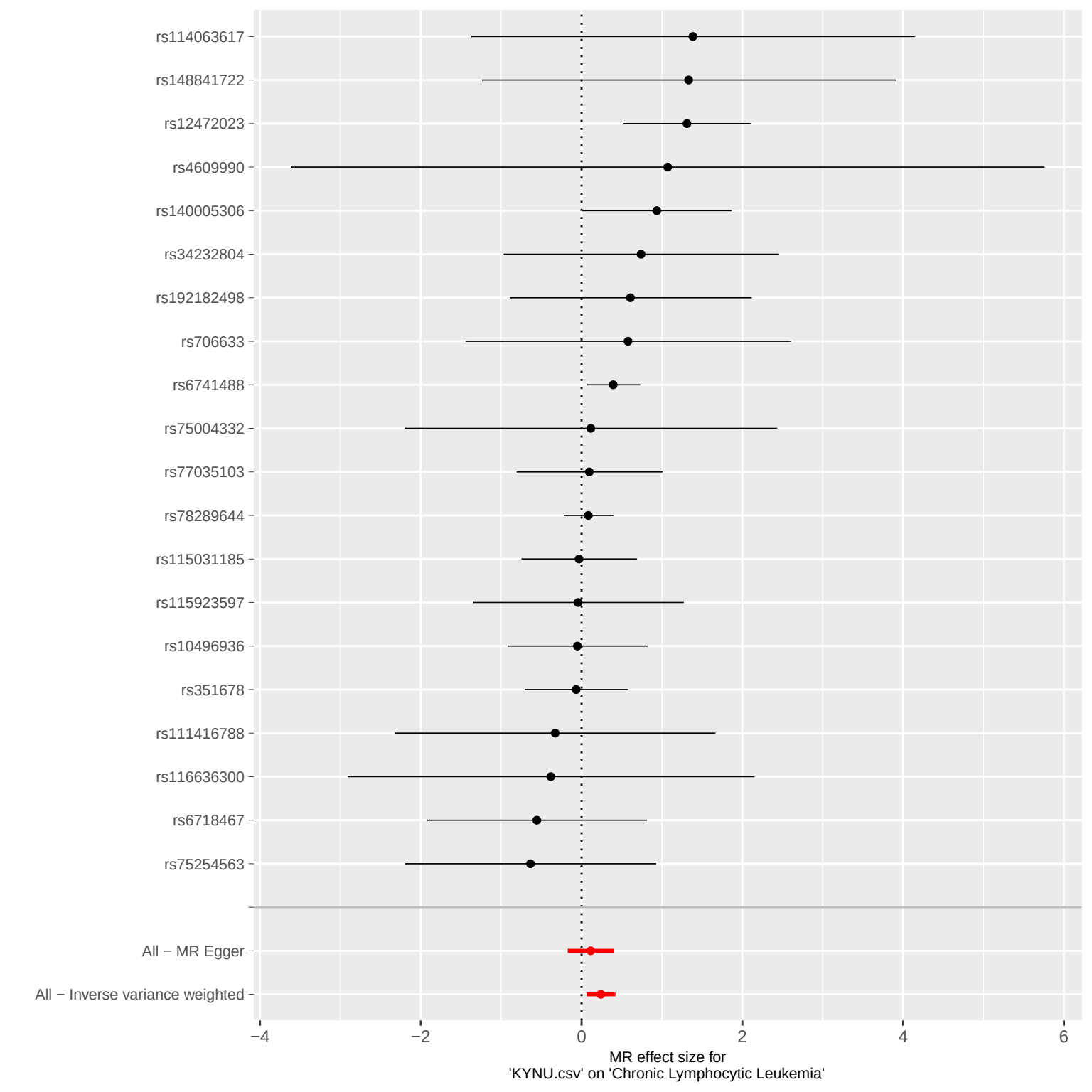
MR effect size for
'KRT74.csv' on 'Chronic Lymphocytic Leukemia'


rs684471
rs10783542
rs73094657
rs902771
rs17691581
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'KRT79.csv' on 'Chronic Lymphocytic Leukemia'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rs34232804
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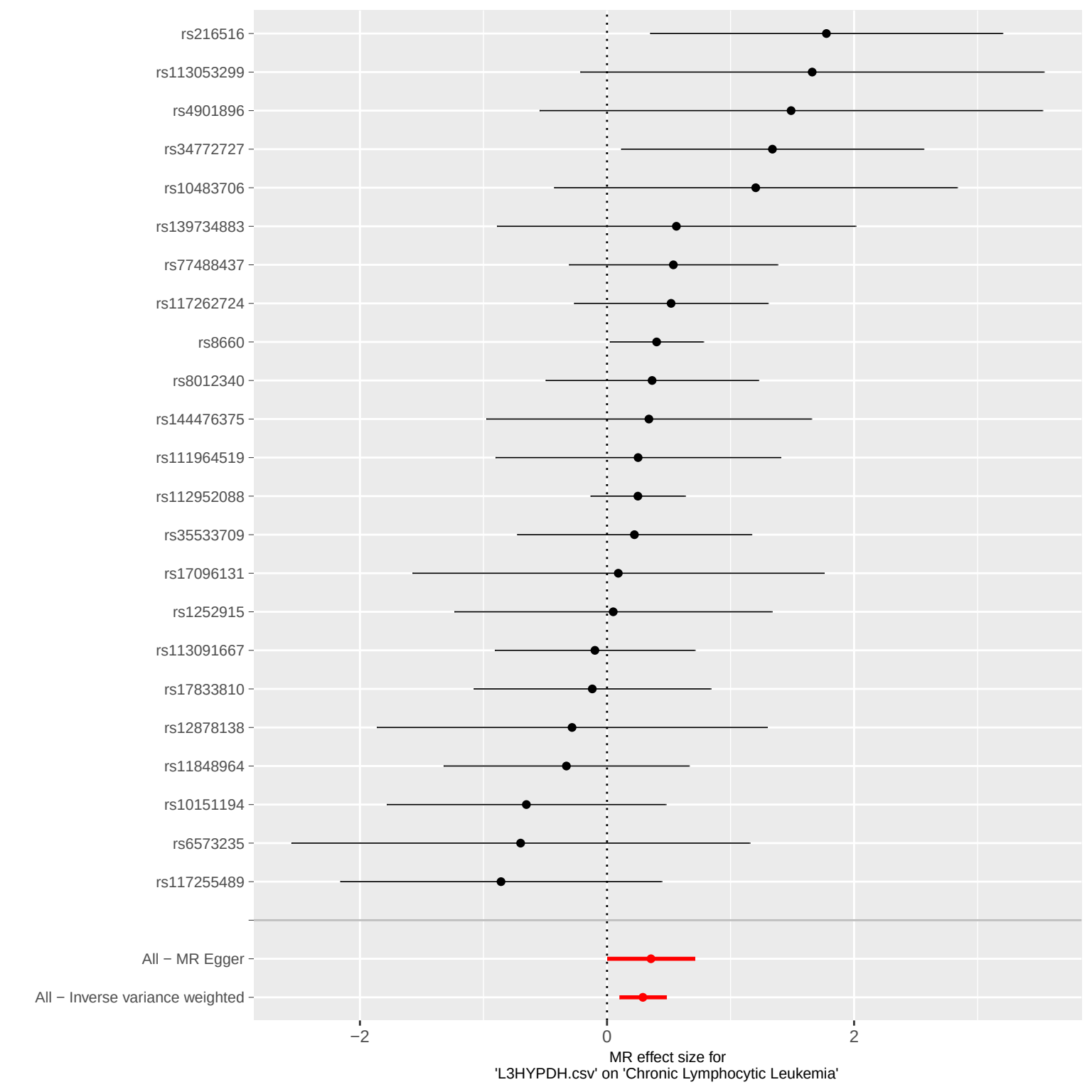
rs6741488
rs75004332
rs77035103
rs78289644
rs115031185
rs115923597
rs10496936
rs351678
rs111416788
rs116636300
rs6718467
rs75254563
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'KYNU.csv' on 'Chronic Lymphocytic Leukemia'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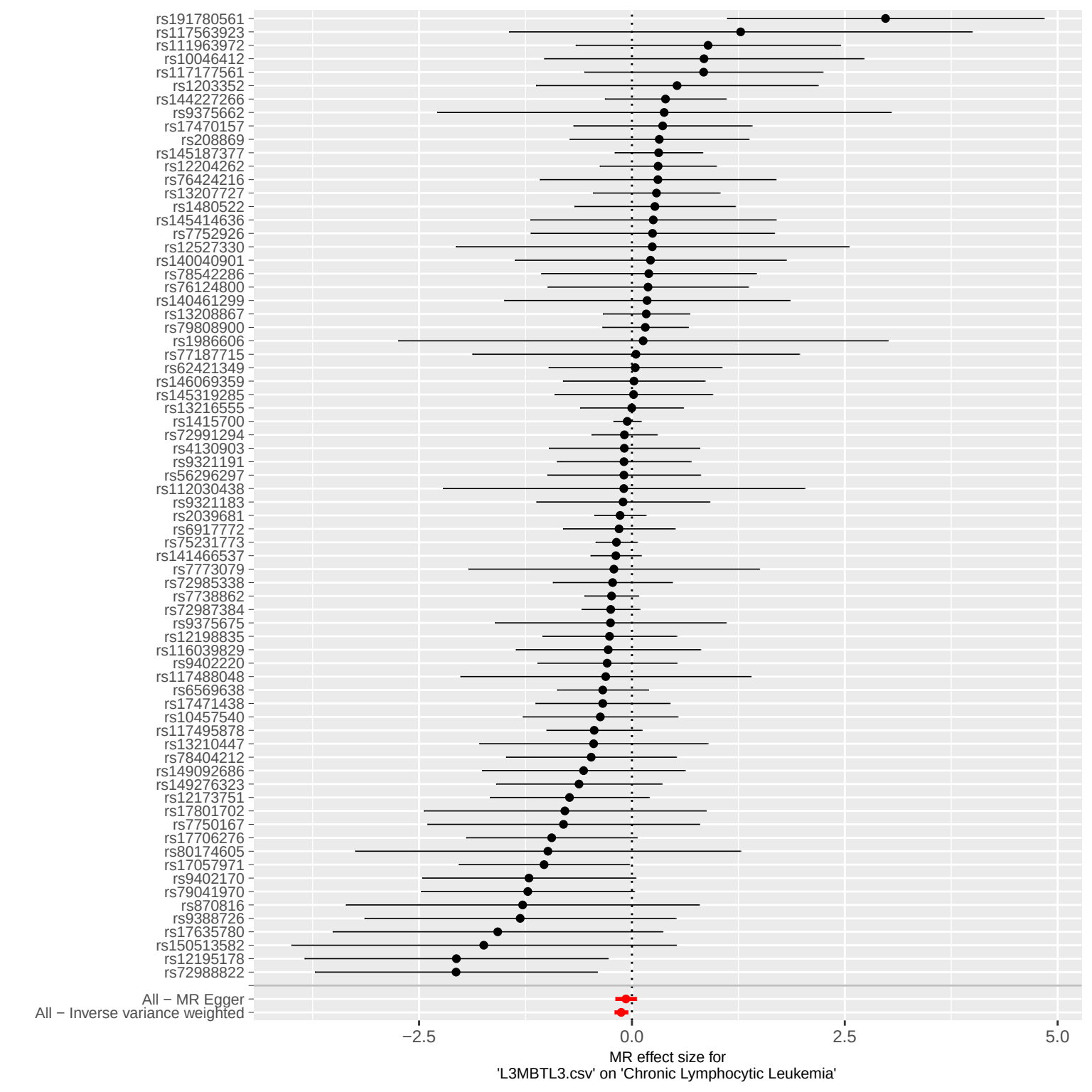
rs111964519
rs112952088
rs35533709
rs17096131
rs1252915
rs113091667
rs17833810
rs12878138
rs11848964
rs10151194
rs6573235
rs117255489
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'L3HYPDH.csv' on 'Chronic Lymphocytic Leukemia'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rs12204262
rs76424216
rs13207727
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rs145414636
rs7752926
rs12527330
rs140040901
rs78542286
rs76124800
rs140461299
rs13208867
rs79808900
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rs62421349
rs146069359
rs145319285
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rs112030438
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rs116039829
rs9402220
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rs17471438
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rs117495878
rs13210447
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rs12173751
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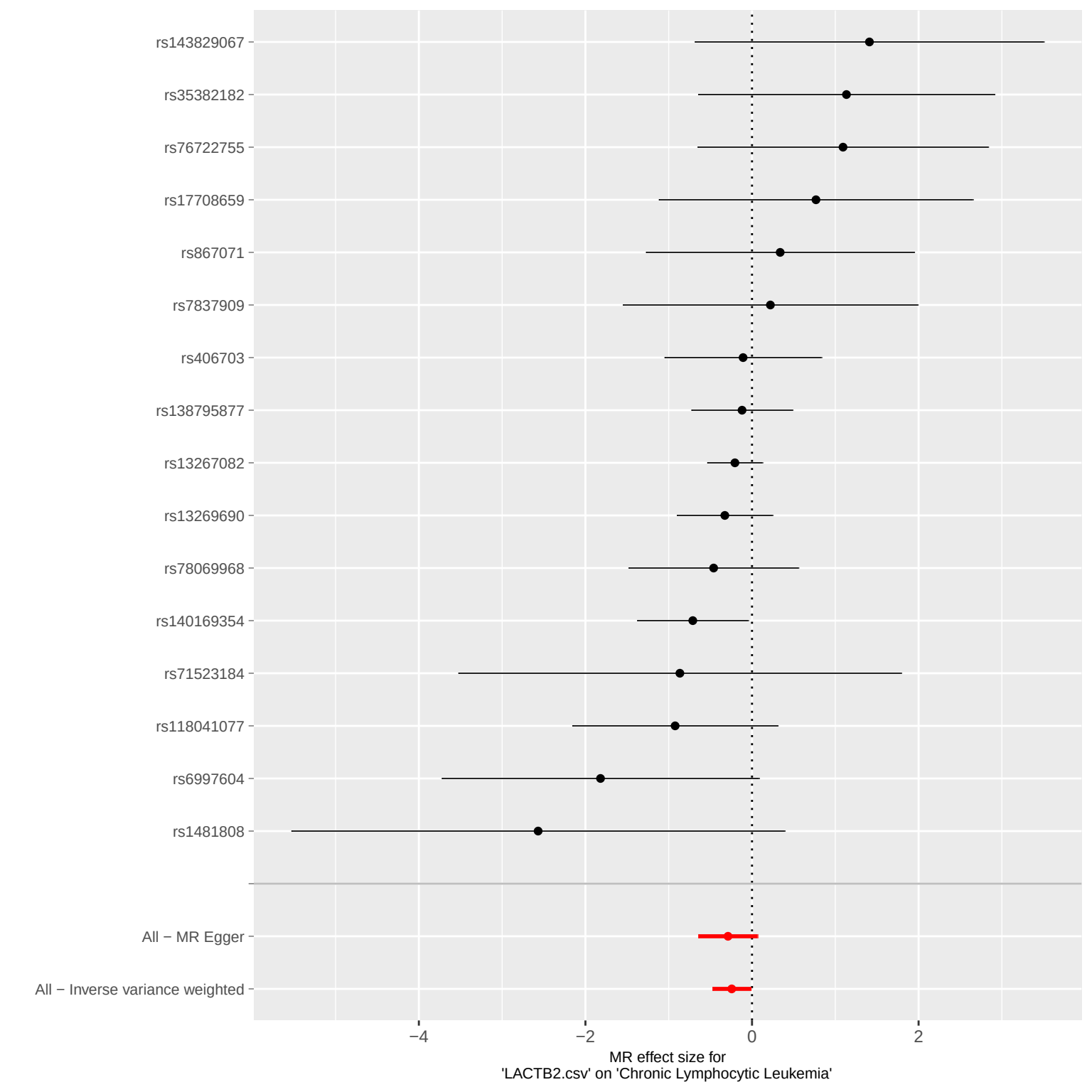
rs17706276
rs80174605
rs17057971
rs9402170
rs79041970
rs870816
rs9388726
rs17635780
rs150513582
rs12195178
rs72988822
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'L3MBTL3.csv' on 'Chronic Lymphocytic Leukemia'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rs17708659
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rs7837909
rs406703
rs138795877
rs13267082
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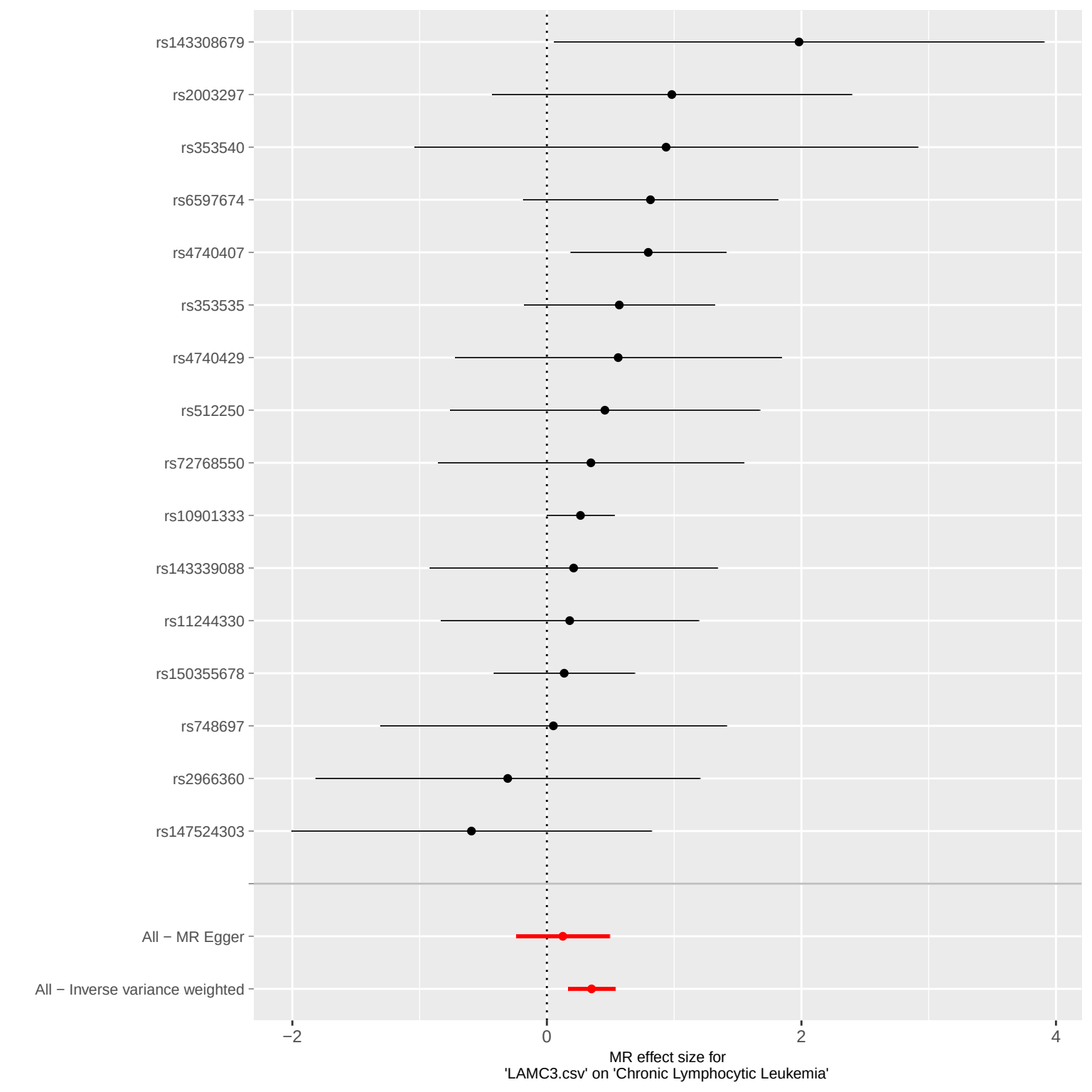
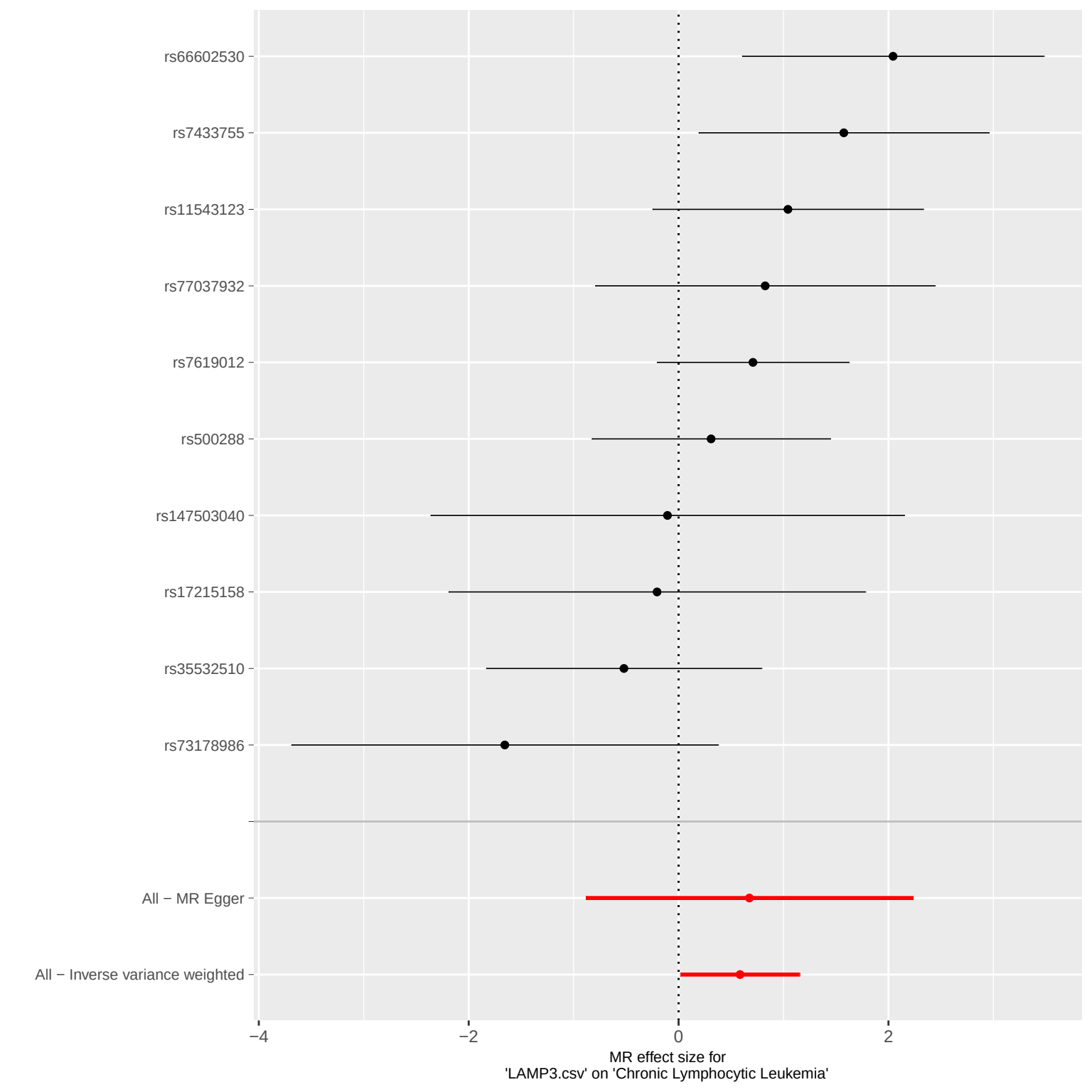
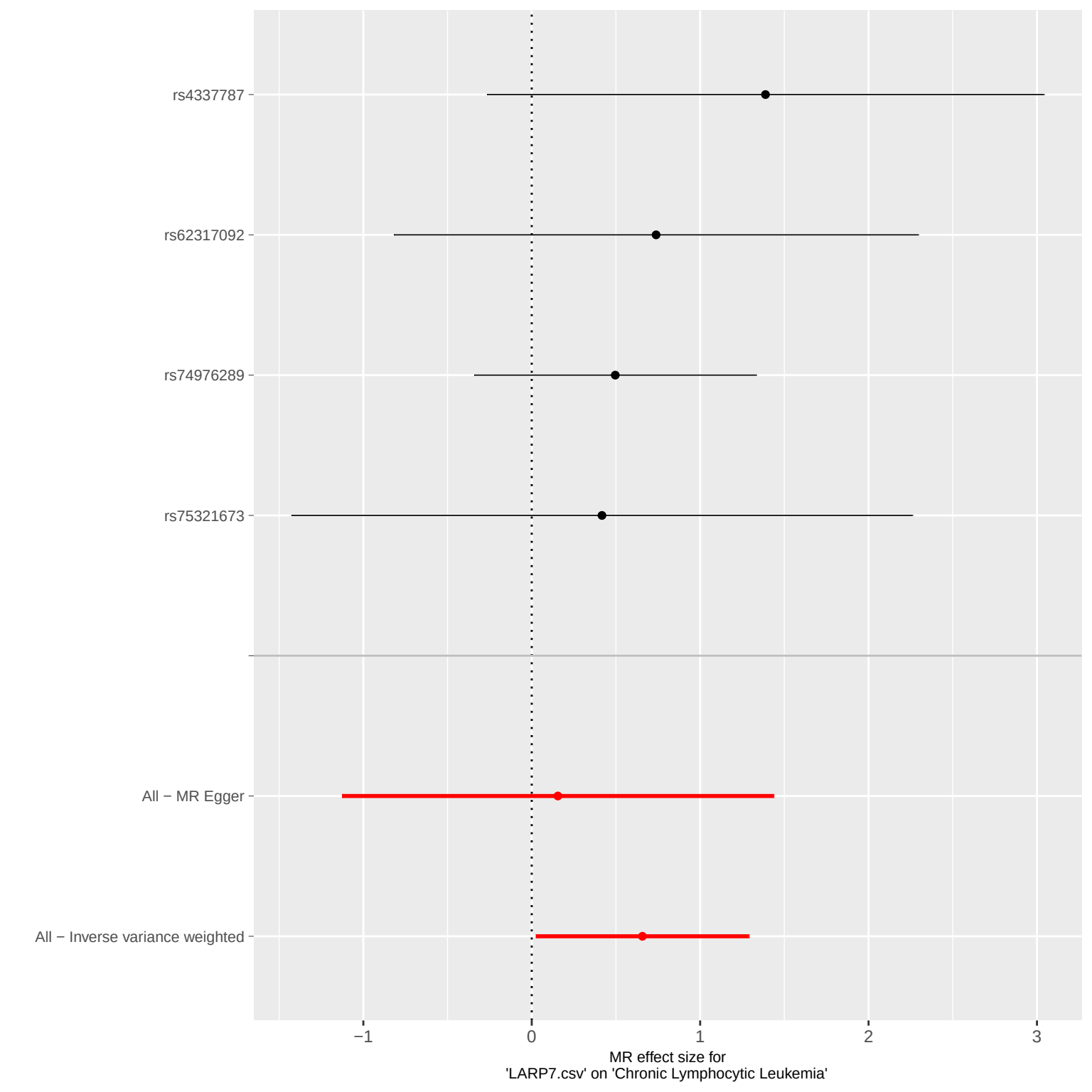
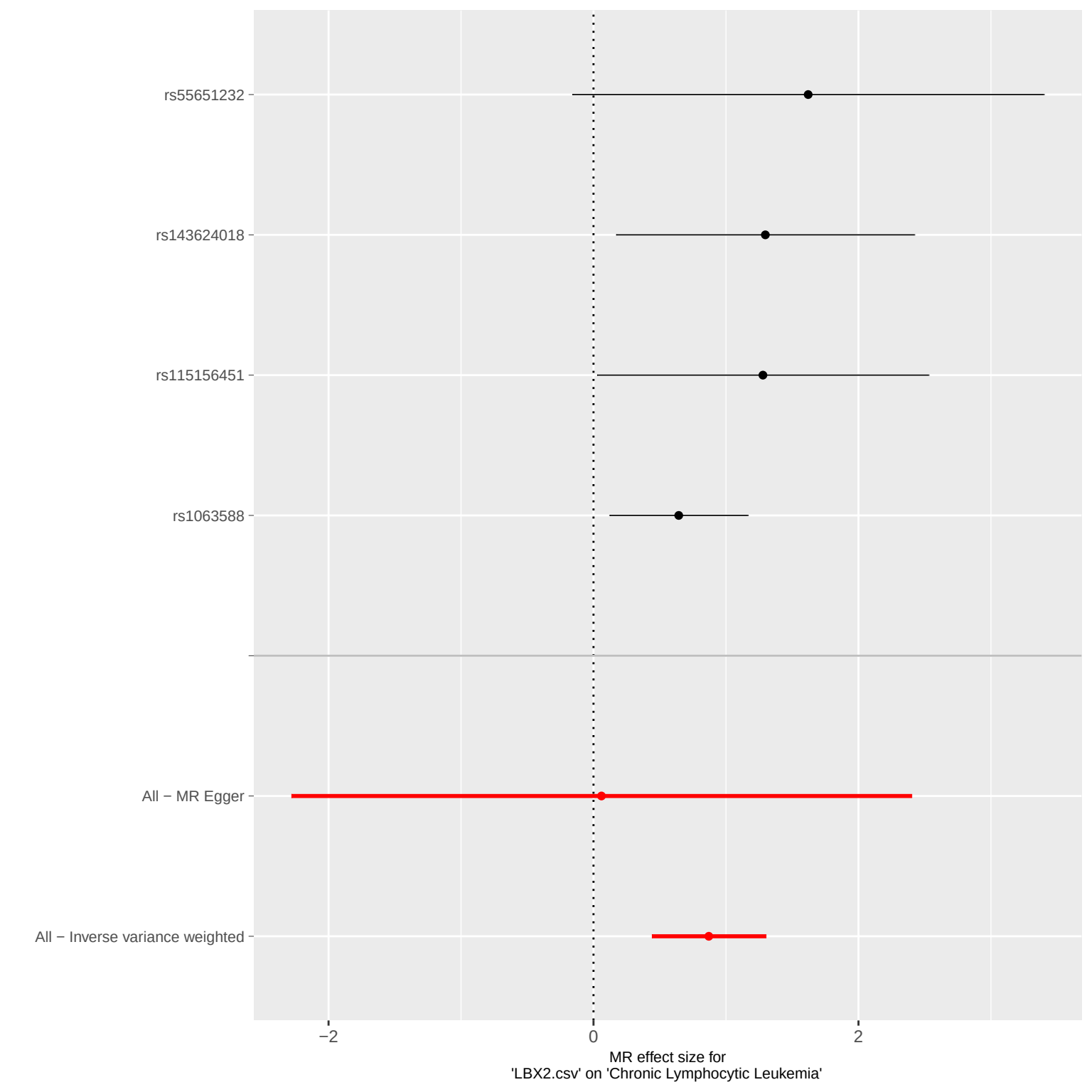
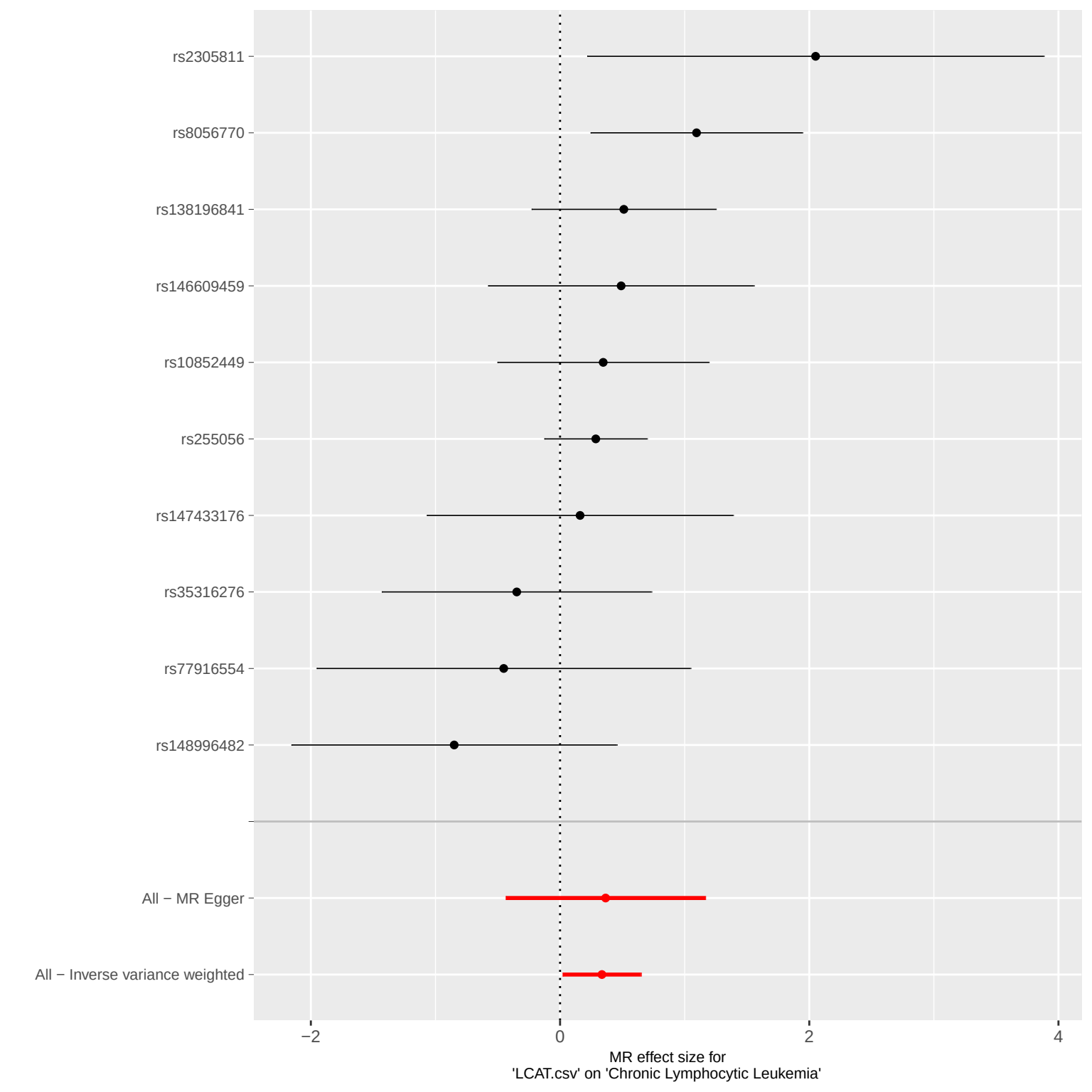
rs78069968
rs140169354
rs71523184
rs118041077
rs6997604
rs1481808
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'LACTB2.csv' on 'Chronic Lymphocytic Leukemia'


rs143308679
rs2003297
rs353540
rs6597674
rs4740407
rs353535
rs4740429
rs512250
rs72768550
rs10901333
rs143339088
rs11244330
rs150355678
rs748697
rs2966360
rs147524303
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'LAMC3.csv' on 'Chronic Lymphocytic Leukemia'


rs66602530
rs7433755
rs11543123
rs77037932
rs7619012
rs500288
rs147503040
rs17215158
rs35532510
rs73178986
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'LAMP3.csv' on 'Chronic Lymphocytic Leukemia'


rs4337787
rs62317092
rs74976289
rs75321673
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'LARP7.csv' on 'Chronic Lymphocytic Leukemia'


rs55651232
rs143624018
rs115156451
rs1063588
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'LBX2.csv' on 'Chronic Lymphocytic Leukemia'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rs138196841
rs146609459
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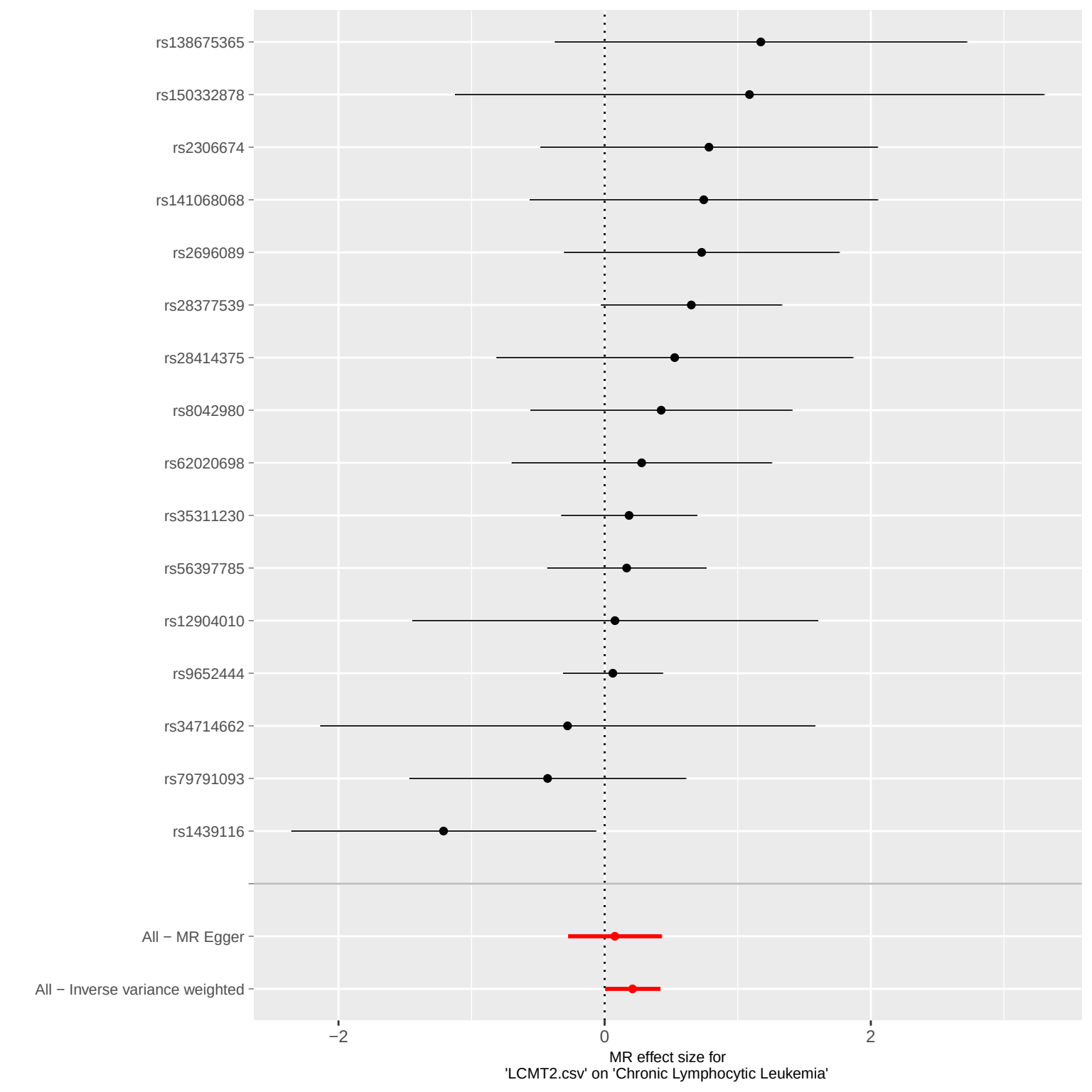
rs147433176
rs35316276
rs77916554
rs148996482
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'LCAT.csv' on 'Chronic Lymphocytic Leukemia'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rs8042980
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rs35311230
rs56397785
rs12904010
rs9652444
rs34714662
rs79791093
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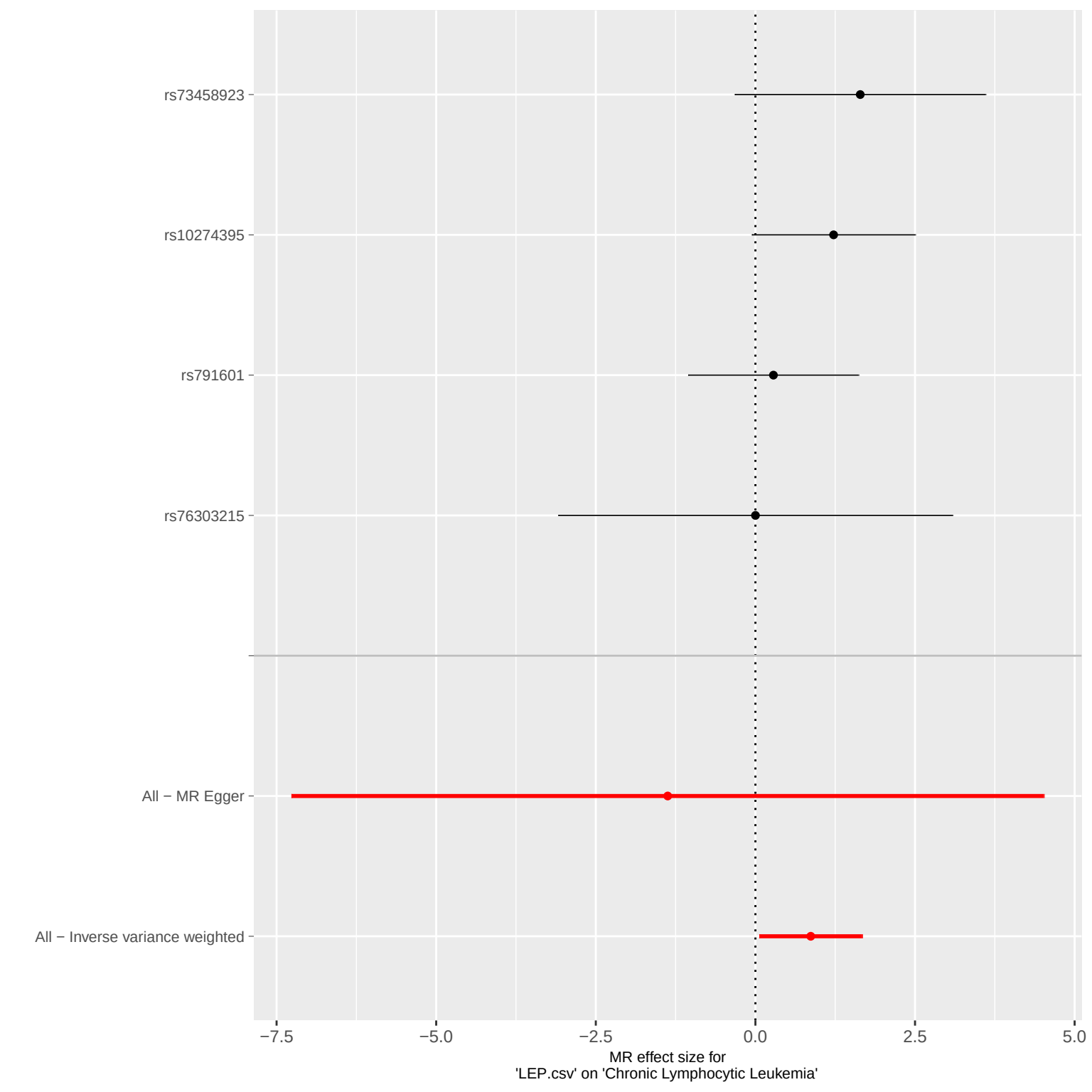
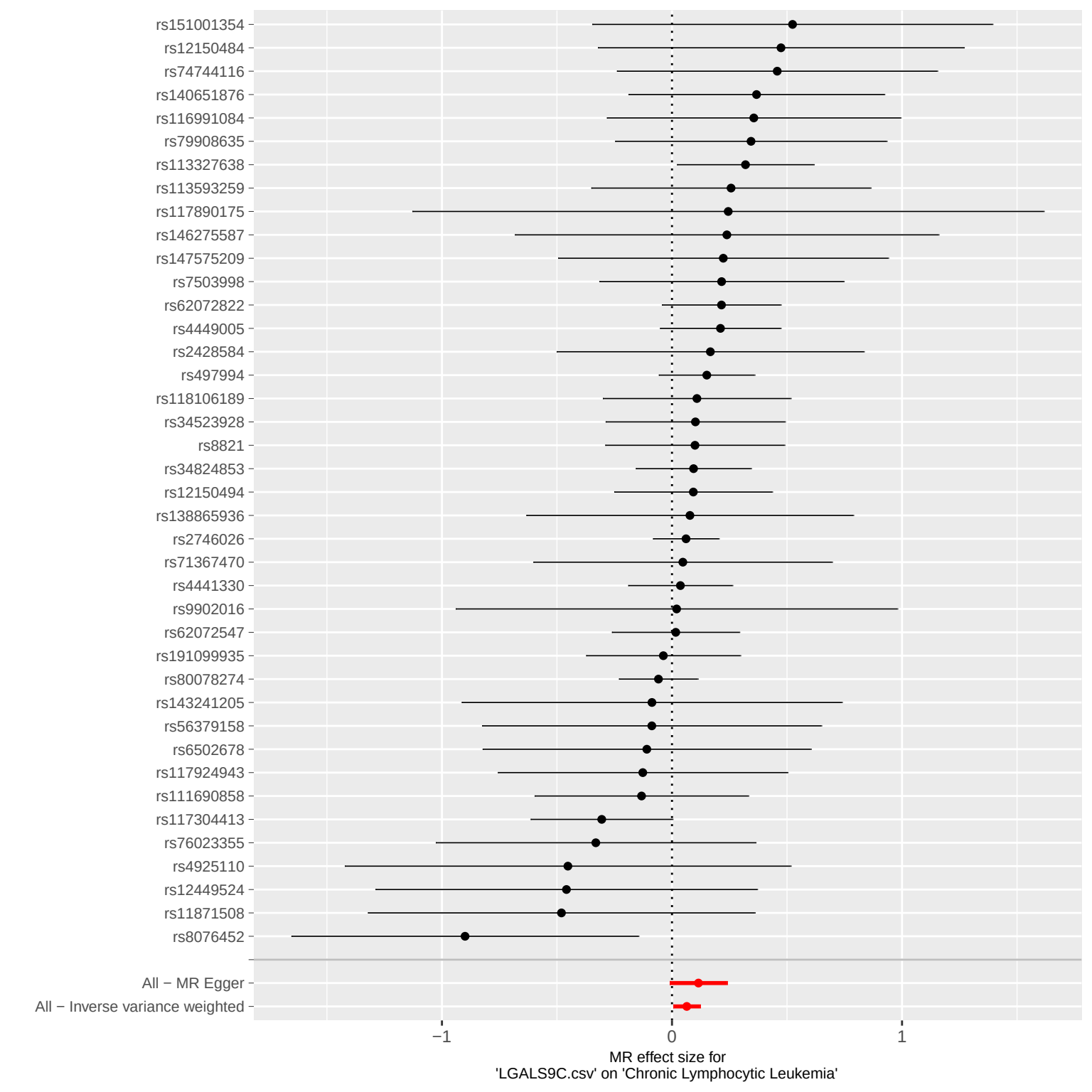
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'LCMT2.csv' on 'Chronic Lymphocytic Leukemia'


rs73458923
rs10274395
rs791601
rs76303215
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'LEP.csv' on 'Chronic Lymphocytic Leukemia'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rs111690858
rs117304413
rs76023355
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rs12449524
rs11871508
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All − MR Egger
All − Inverse variance weighted
−1
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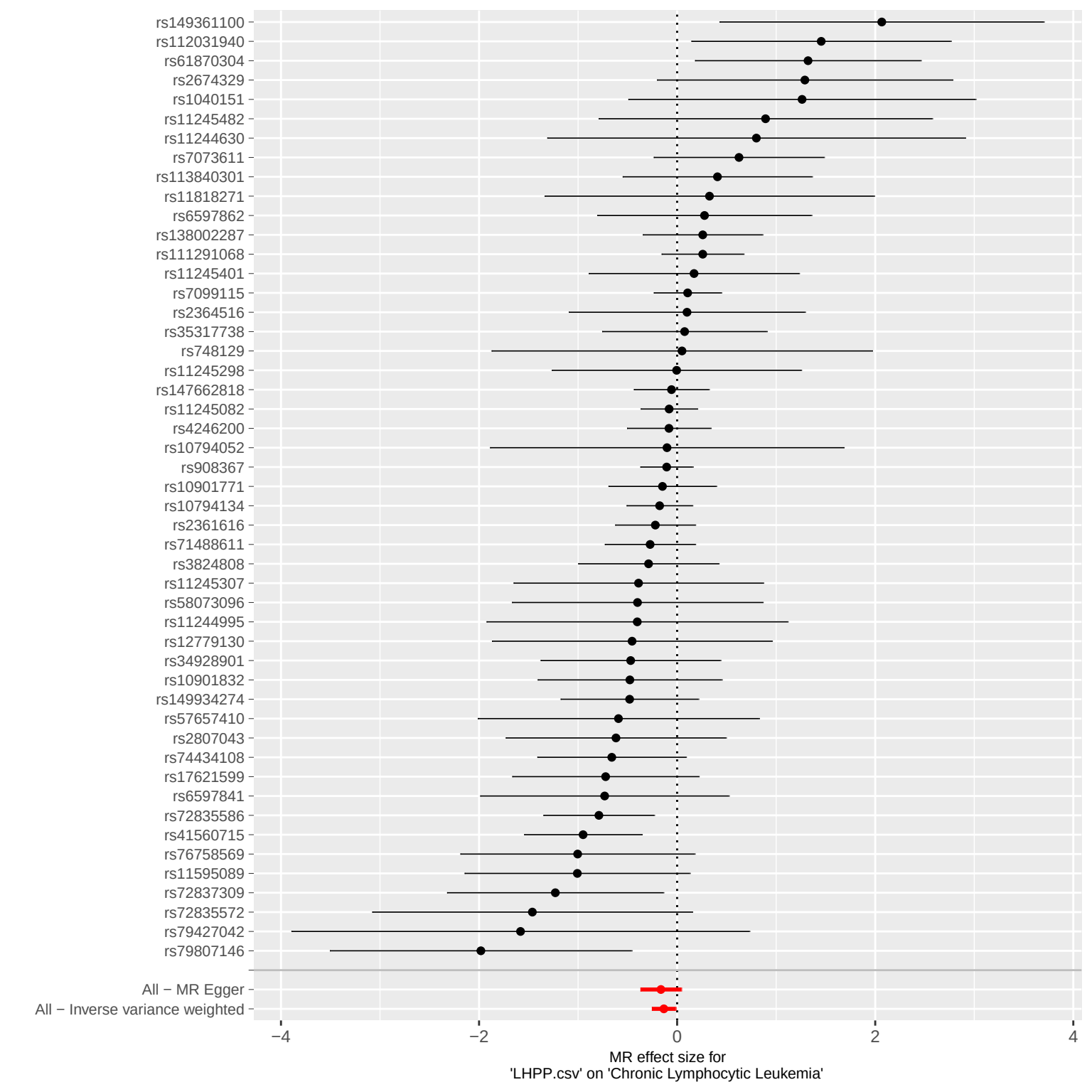
MR effect size for
'LGALS9C.csv' on 'Chronic Lymphocytic Leukemia'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rs138002287
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rs11245401
rs7099115
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rs11245307
rs58073096
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rs12779130
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rs74434108
rs17621599
rs6597841
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rs76758569
rs11595089
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rs79427042
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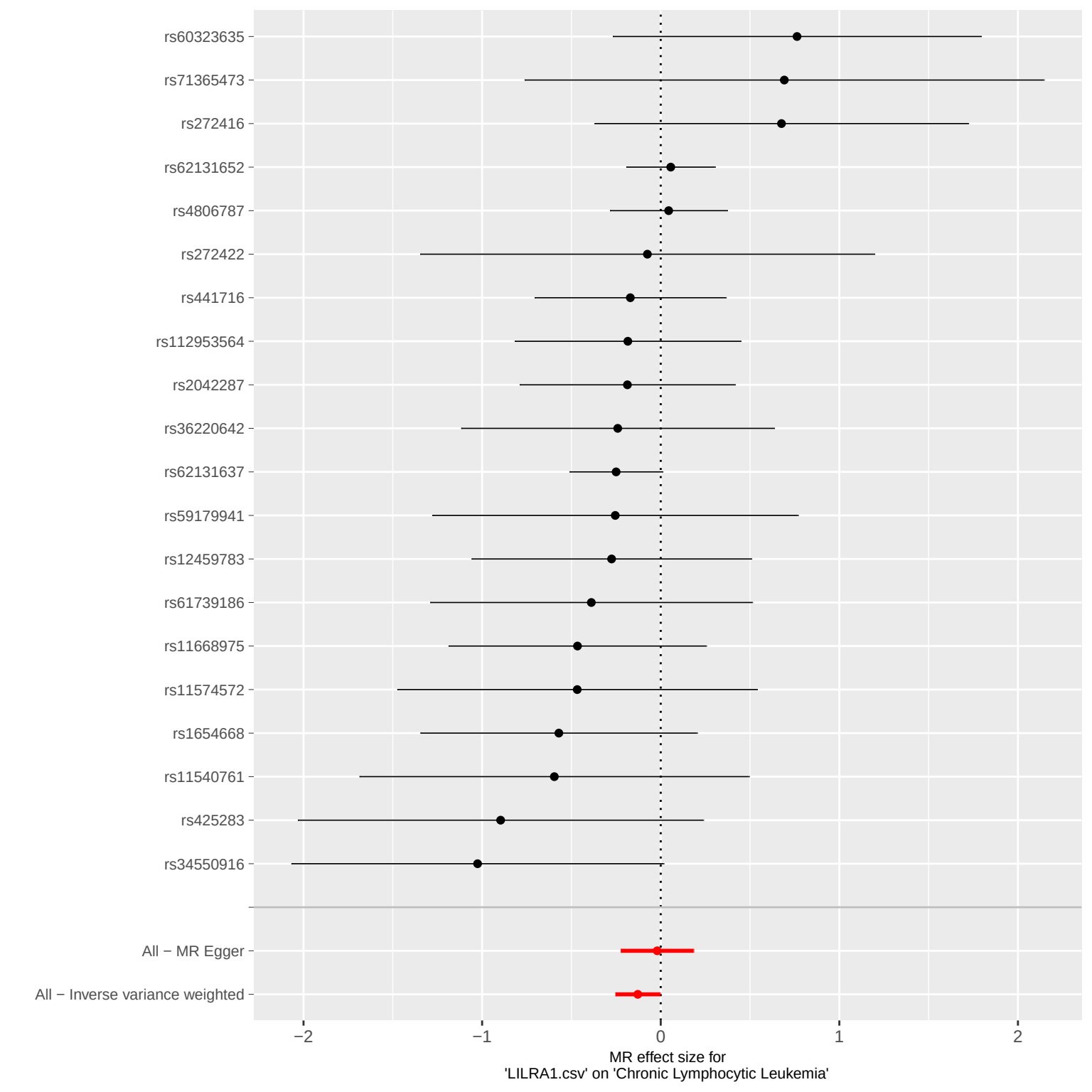
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'LHPP.csv' on 'Chronic Lymphocytic Leukemia'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rs12459783
rs61739186
rs11668975
rs11574572
rs1654668
rs11540761
rs425283
rs34550916
All − MR Egger
All − Inverse variance weighted
−2
−1
0
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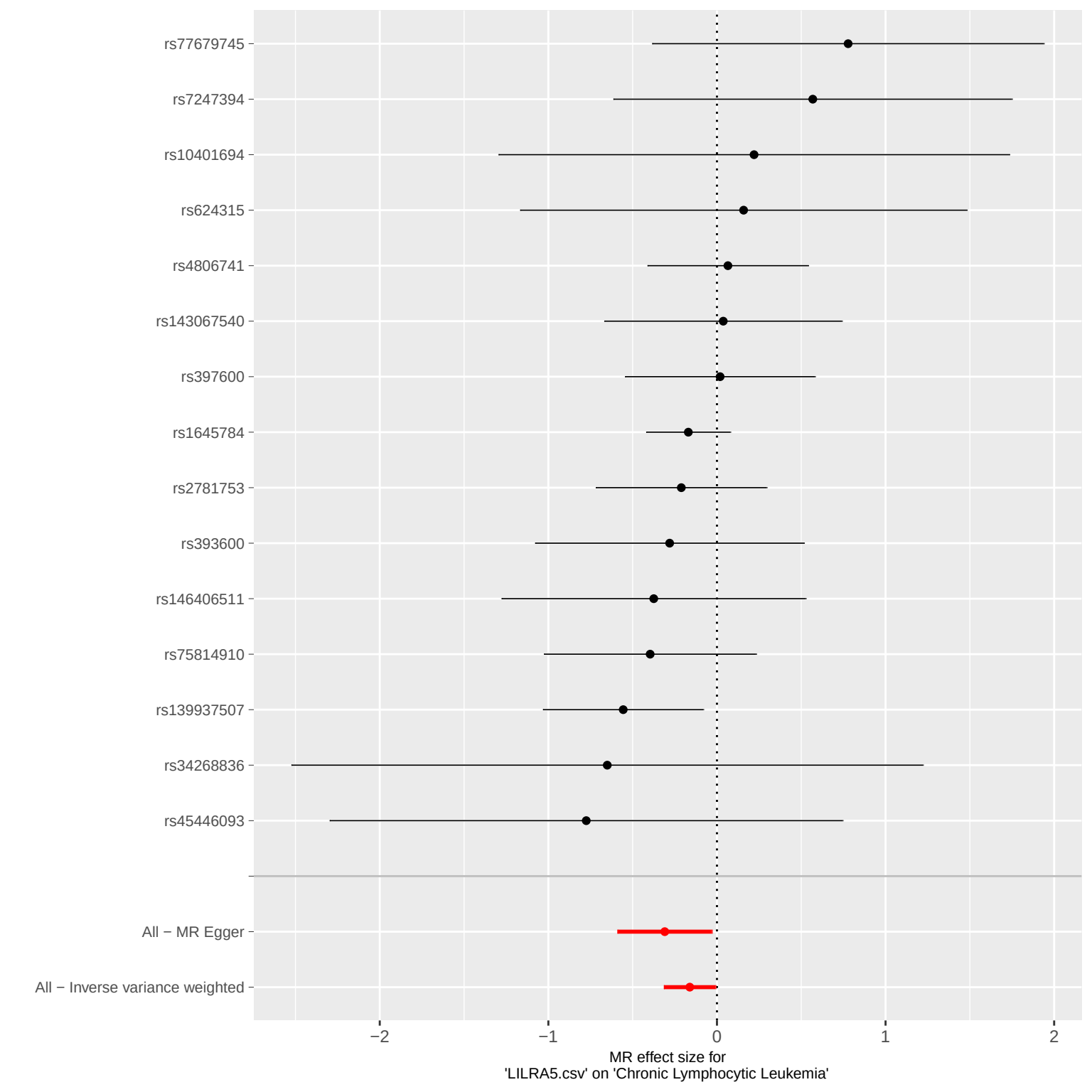
2
MR effect size for
'LILRA1.csv' on 'Chronic Lymphocytic Leukemia'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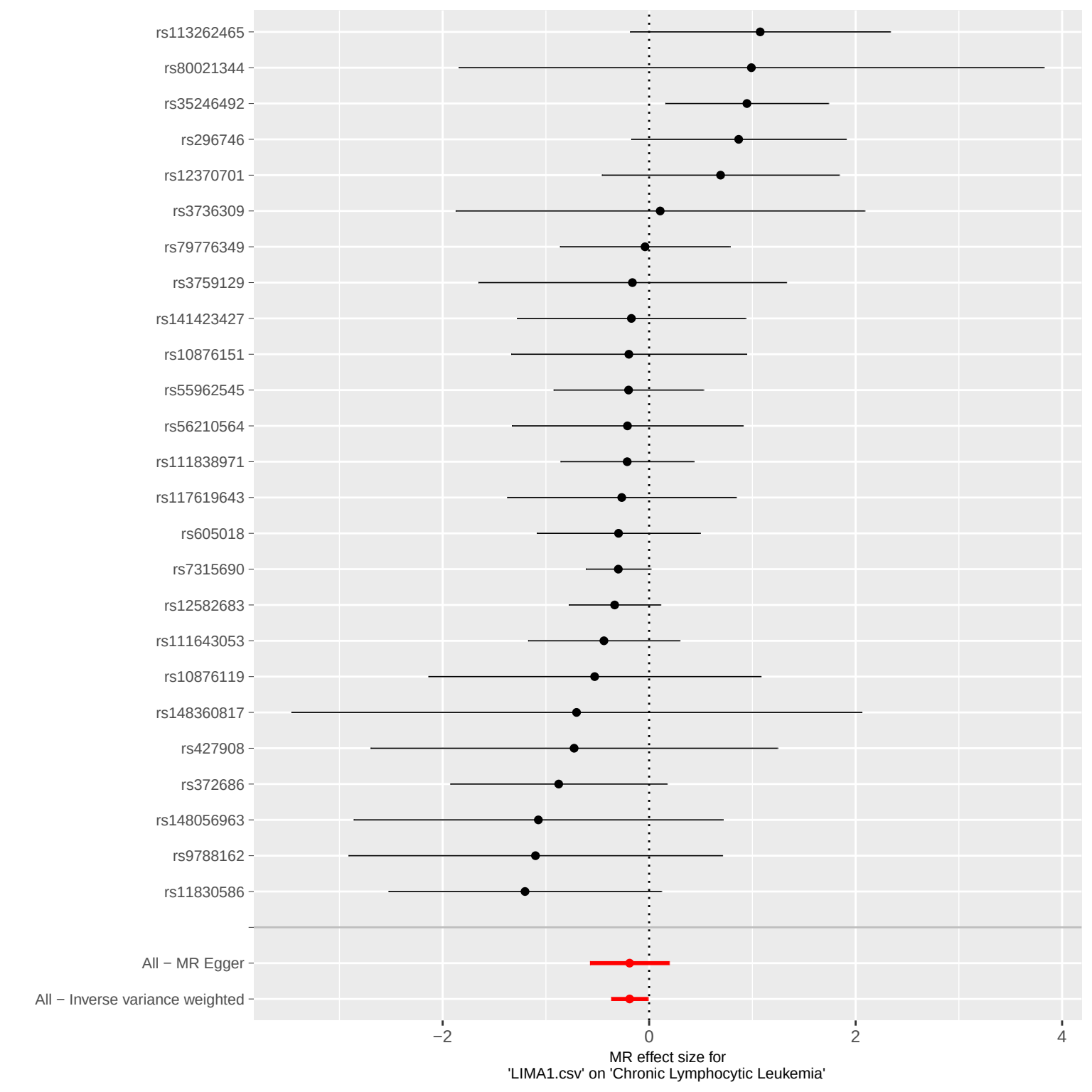
rs75814910
rs139937507
rs34268836
rs45446093
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'LILRA5.csv' on 'Chronic Lymphocytic Leukemia'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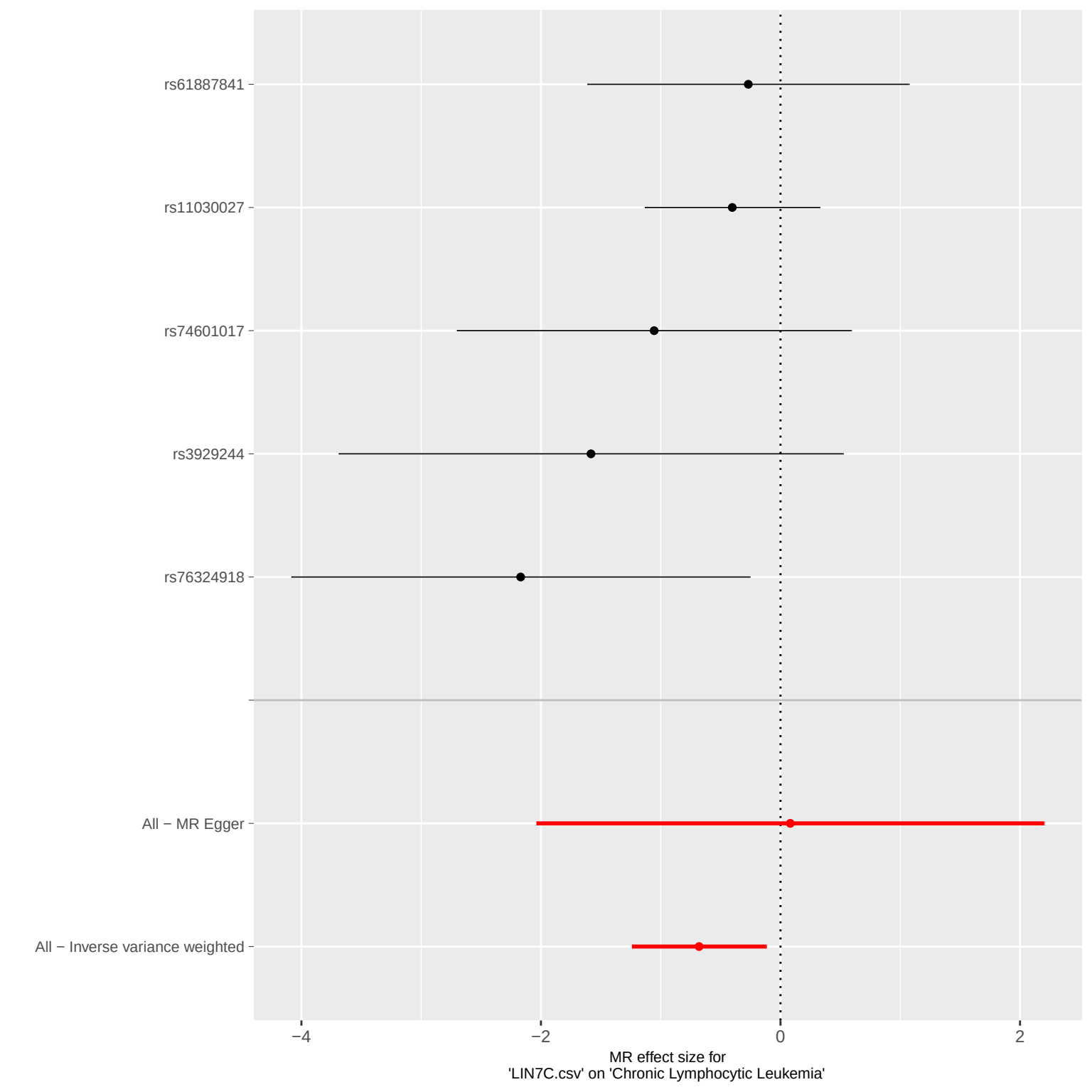
rs55962545
rs56210564
rs111838971
rs117619643
rs605018
rs7315690
rs12582683
rs111643053
rs10876119
rs148360817
rs427908
rs372686
rs148056963
rs9788162
rs11830586
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'LIMA1.csv' on 'Chronic Lymphocytic Leukemia'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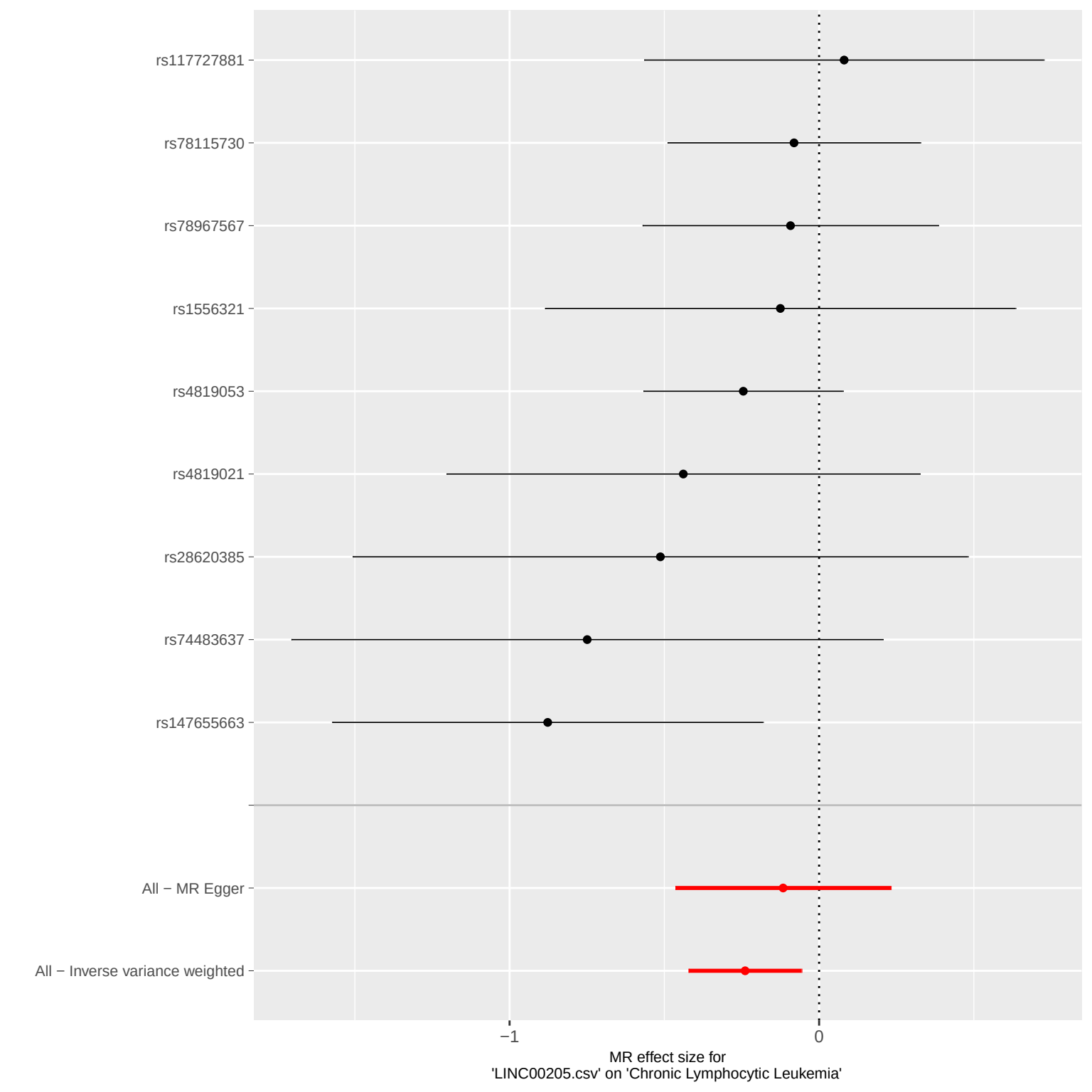
rs11030027
rs74601017
rs3929244
rs76324918
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'LIN7C.csv' on 'Chronic Lymphocytic Leukemia'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rs4819021
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All − MR Egger
All − Inverse variance weighted
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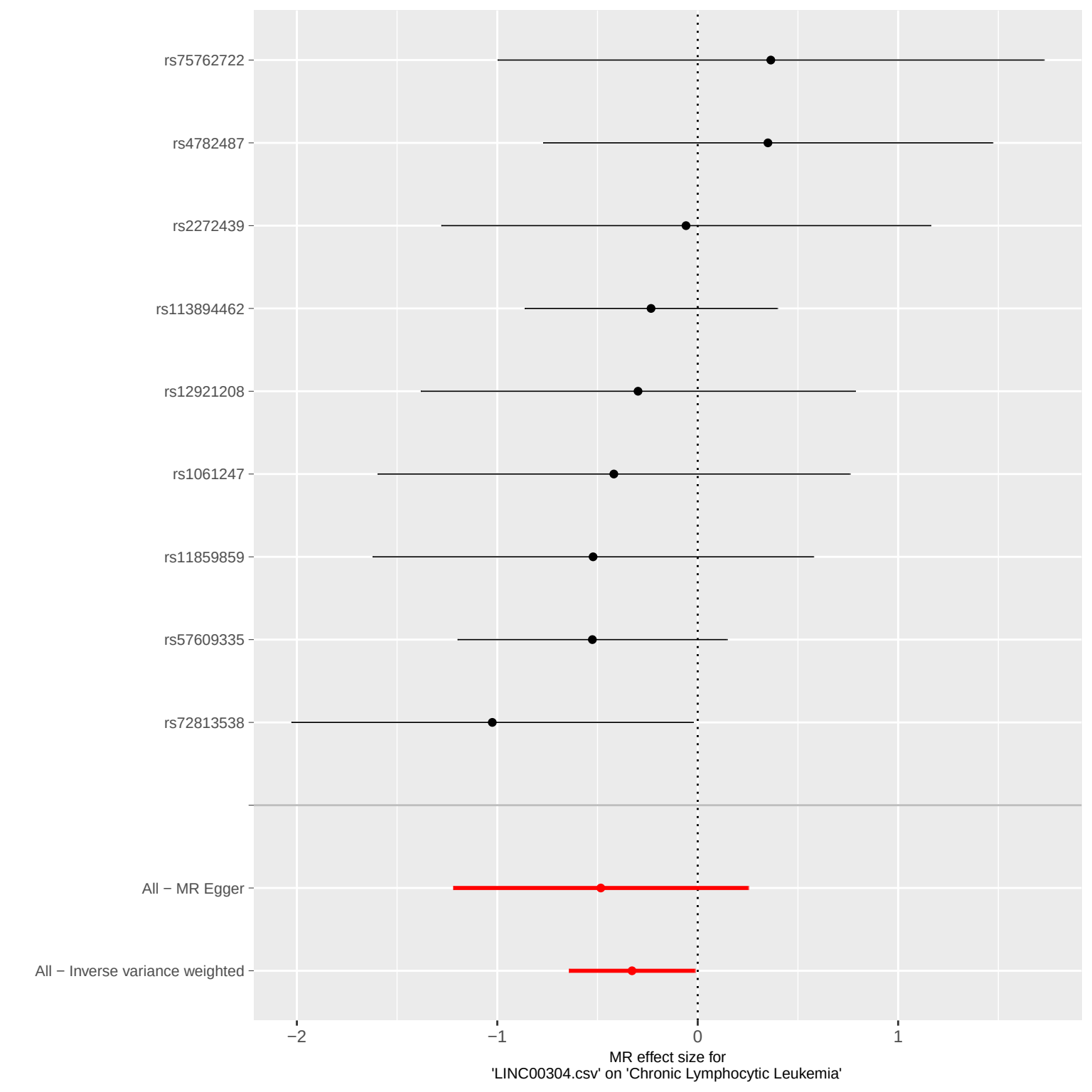
MR effect size for
'LINC00205.csv' on 'Chronic Lymphocytic Leukemia'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rs12921208
rs1061247
rs11859859
rs57609335
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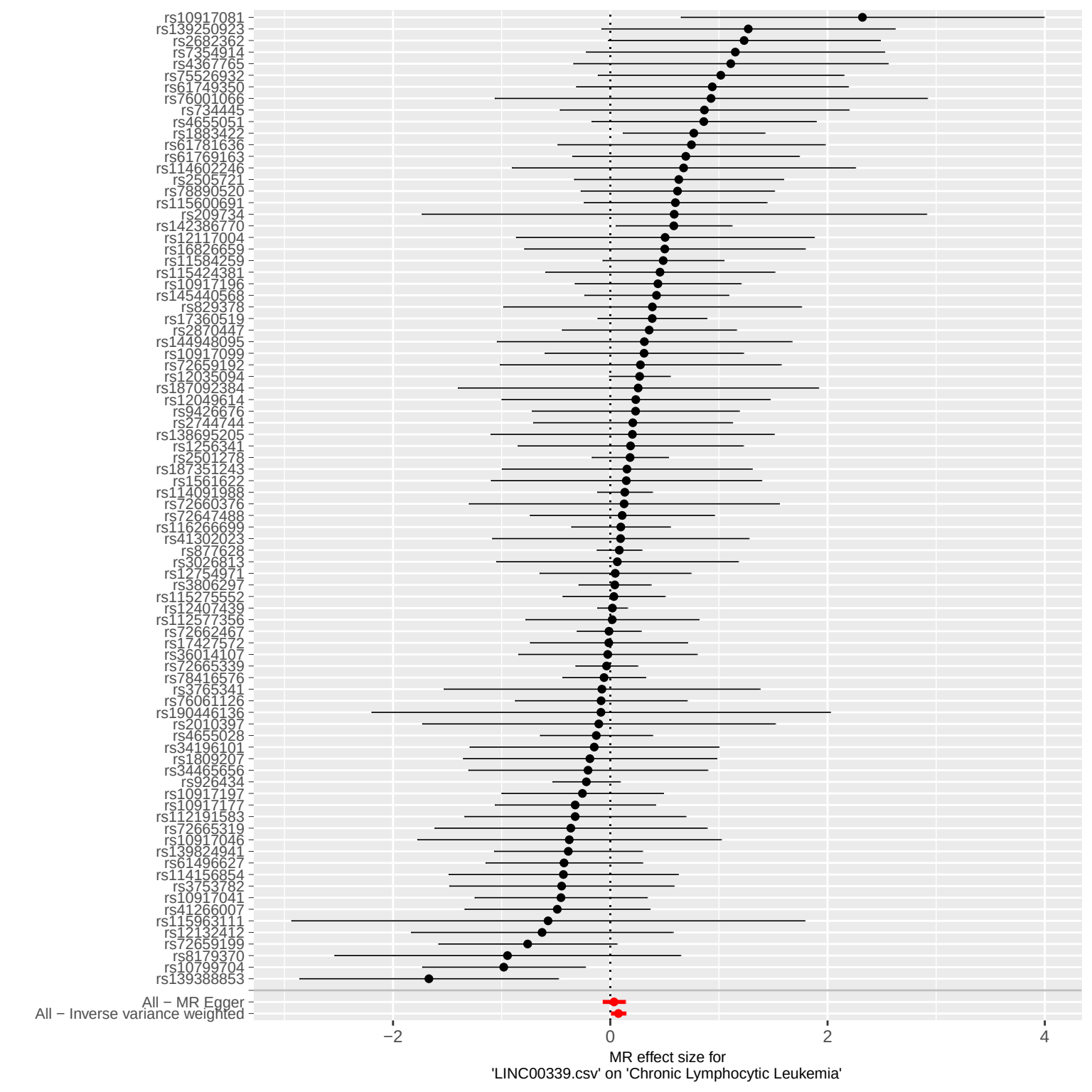
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'LINC00304.csv' on 'Chronic Lymphocytic Leukemia'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rs61769163
rs114602246
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rs76061126
rs190446136
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rs34465656
rs926434
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rs112191583
rs72665319
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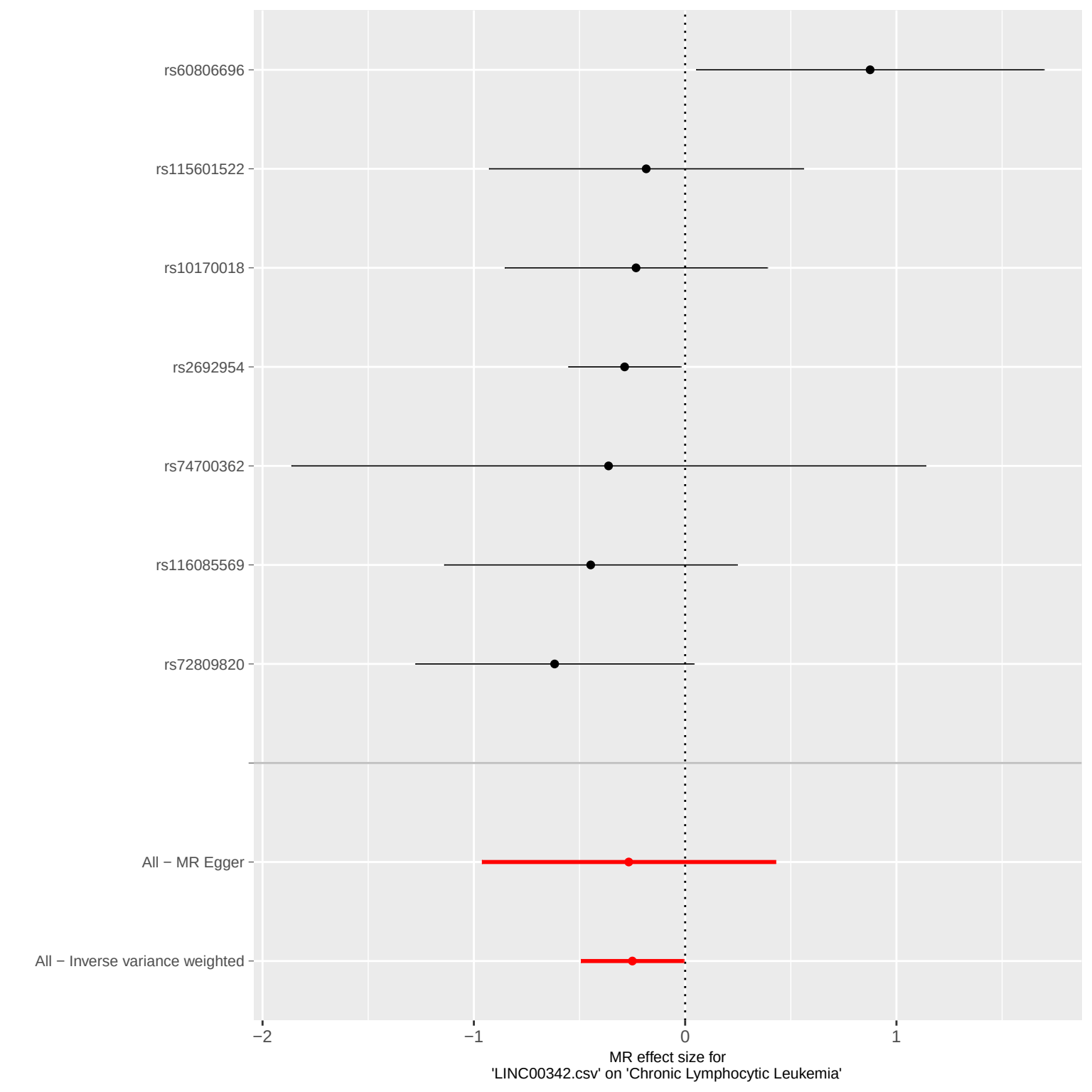
rs3753782
rs10917041
rs41266007
rs115963111
rs12132412
rs72659199
rs8179370
rs10799704
rs139388853
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'LINC00339.csv' on 'Chronic Lymphocytic Leukemia'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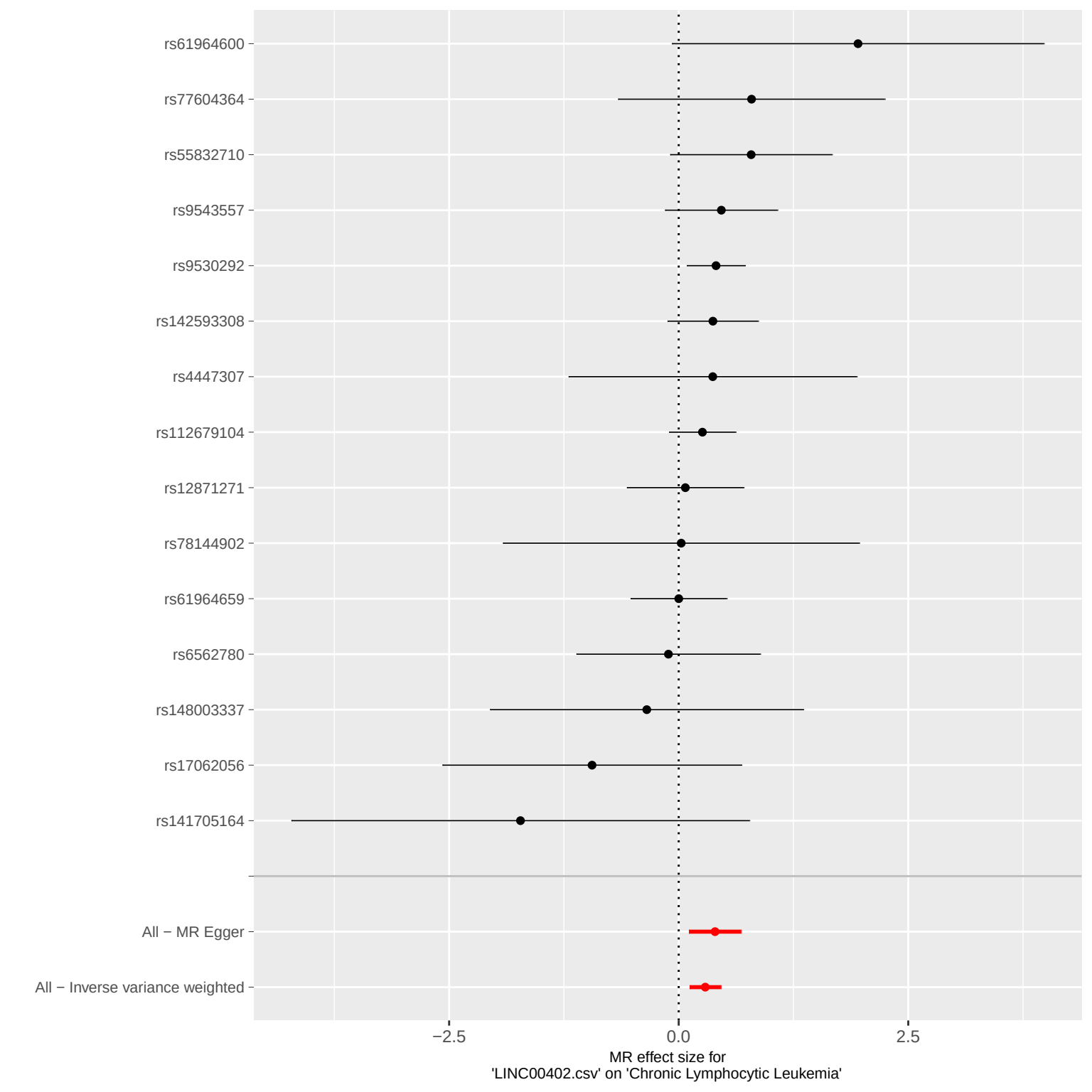
rs115601522
rs10170018
rs2692954
rs74700362
rs116085569
rs72809820
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'LINC00342.csv' on 'Chronic Lymphocytic Leukemia'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rs4447307
rs112679104
rs12871271
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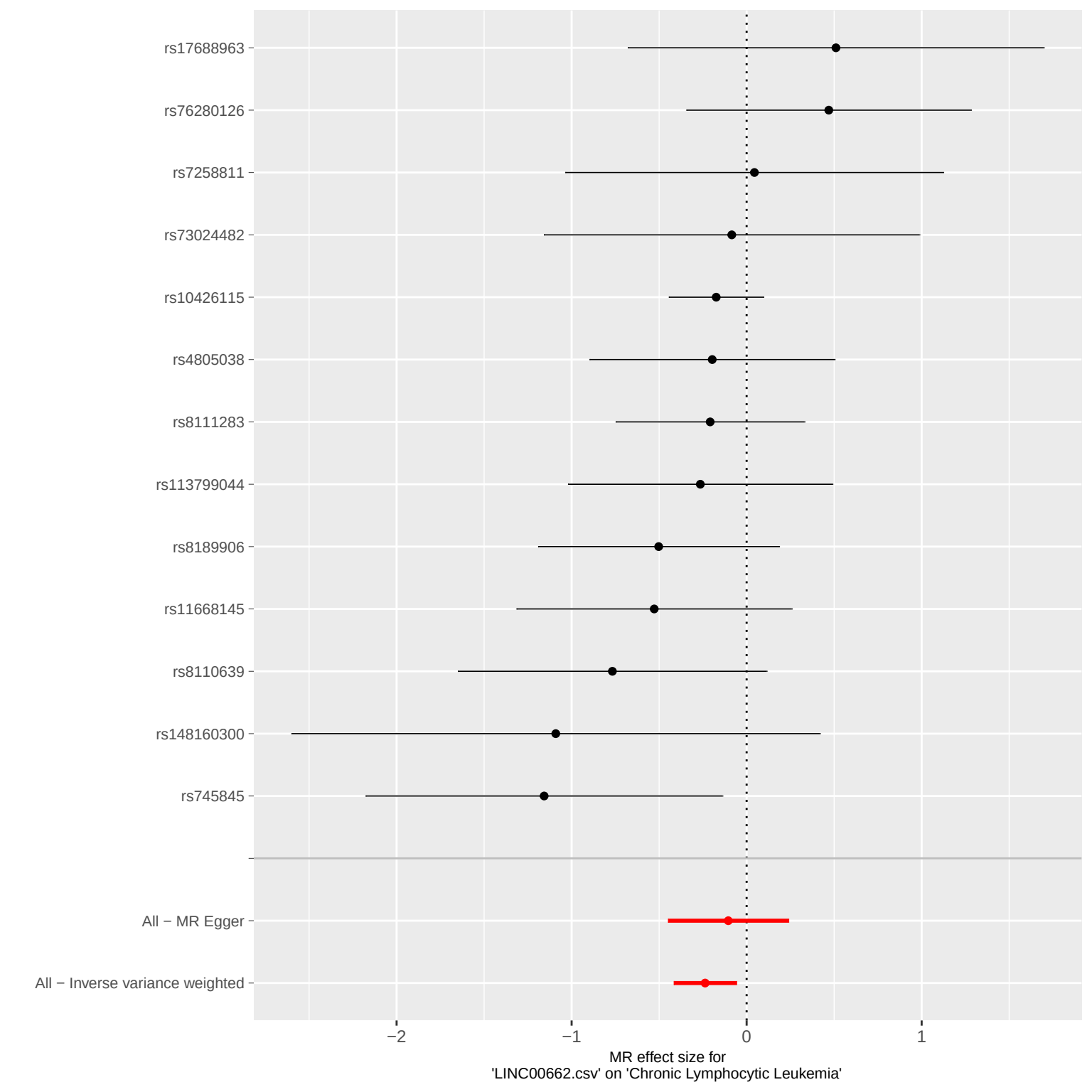
rs61964659
rs6562780
rs148003337
rs17062056
rs141705164
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'LINC00402.csv' on 'Chronic Lymphocytic Leukemia'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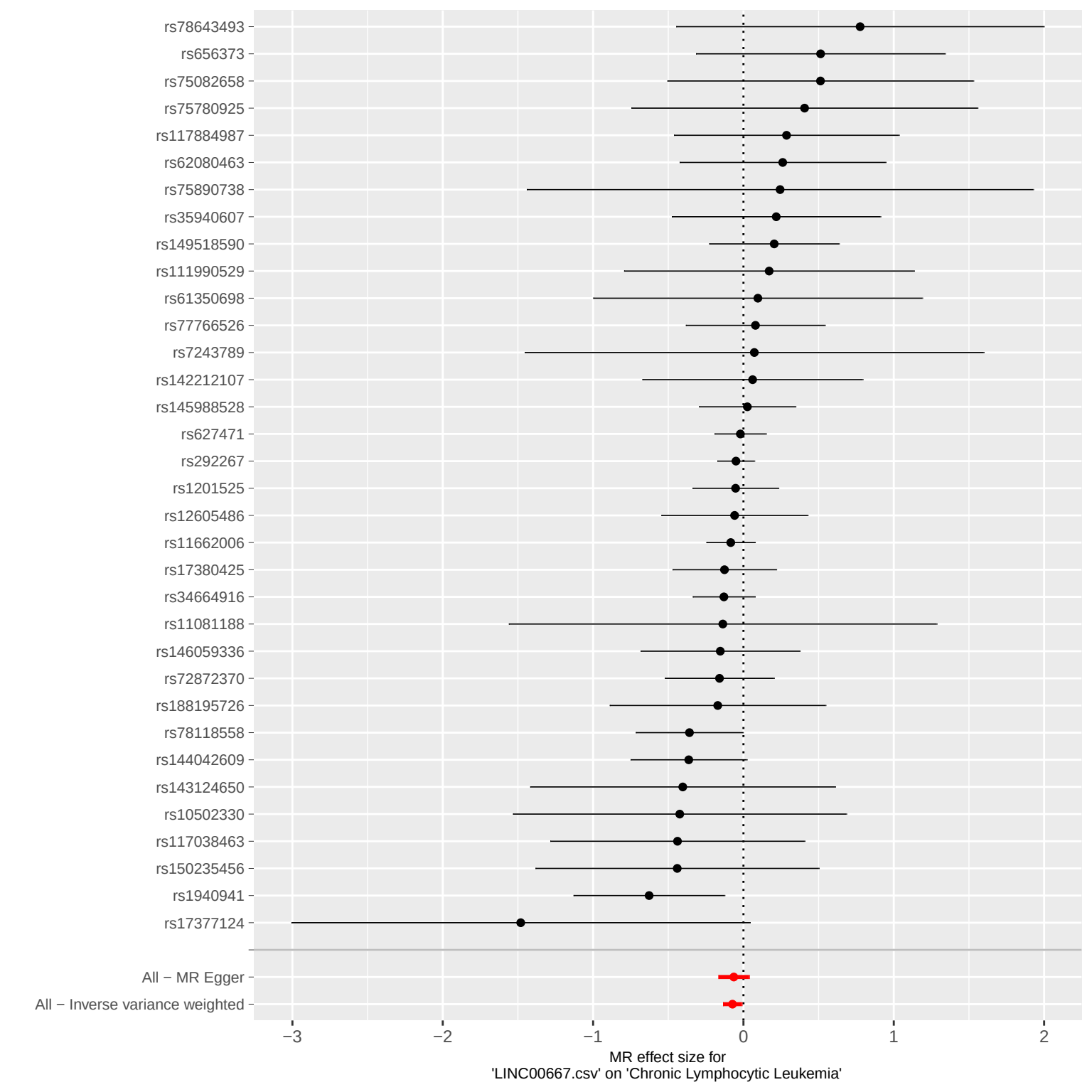
rs4805038
rs8111283
rs113799044
rs8189906
rs11668145
rs8110639
rs148160300
rs745845
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'LINC00662.csv' on 'Chronic Lymphocytic Leukemia'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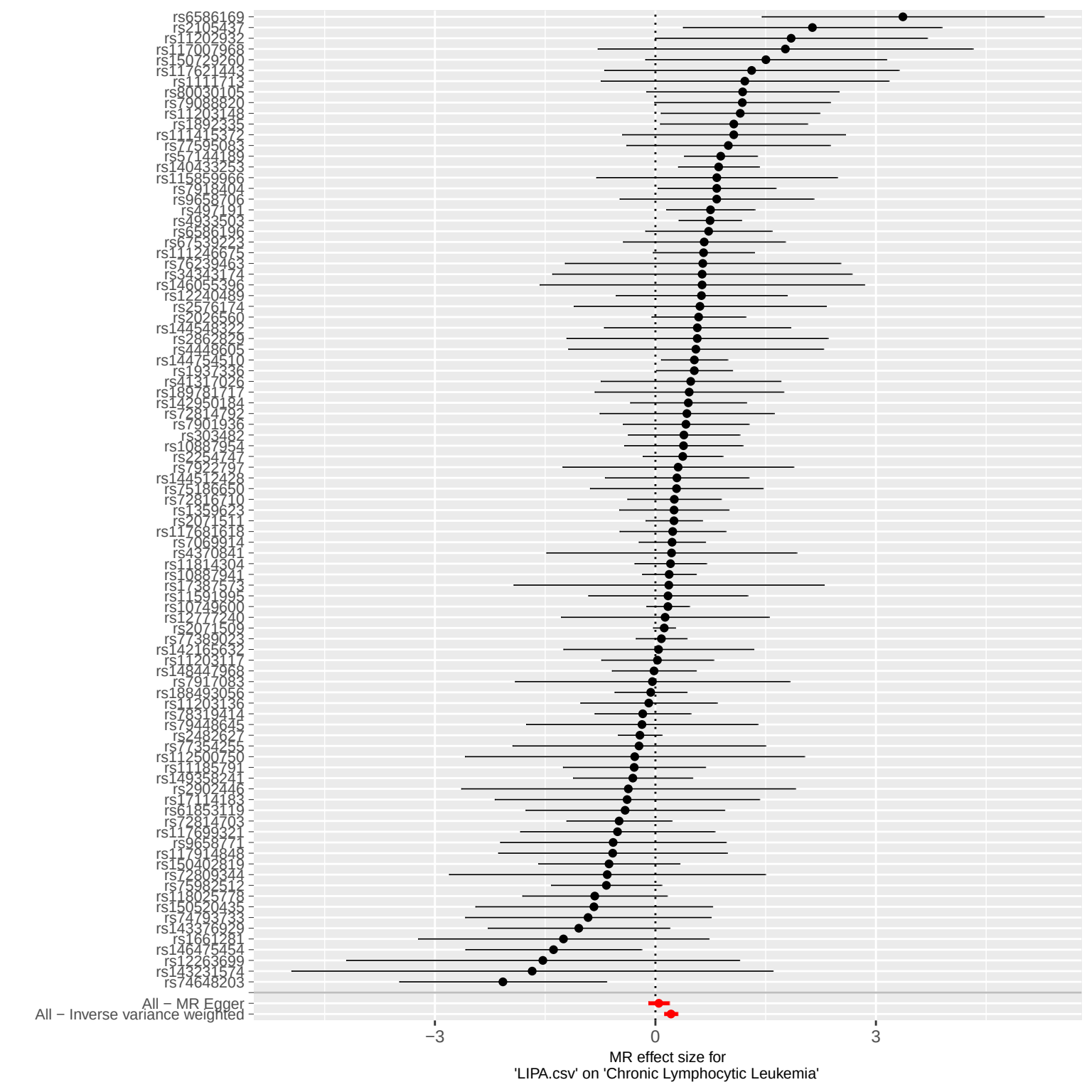
rs188195726
rs78118558
rs144042609
rs143124650
rs10502330
rs117038463
rs150235456
rs1940941
rs17377124
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'LINC00667.csv' on 'Chronic Lymphocytic Leukemia'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rs72806344
rs7885213
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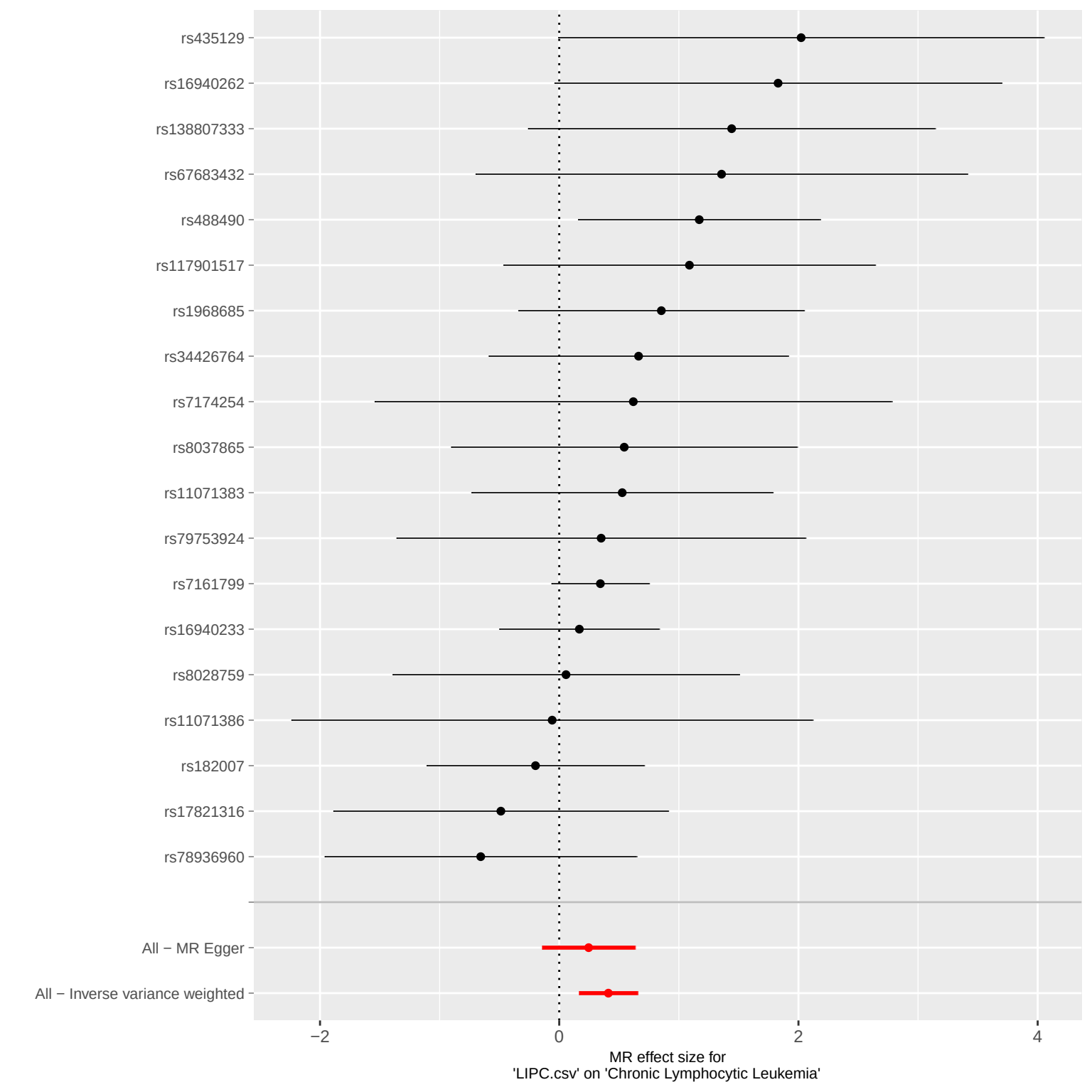
rs118025778
rs150520435
rs74793733
rs143376929
rs1661281
rs146475454
rs12263699
rs143231574
rs74648203
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'LIPA.csv' on 'Chronic Lymphocytic Leukemia'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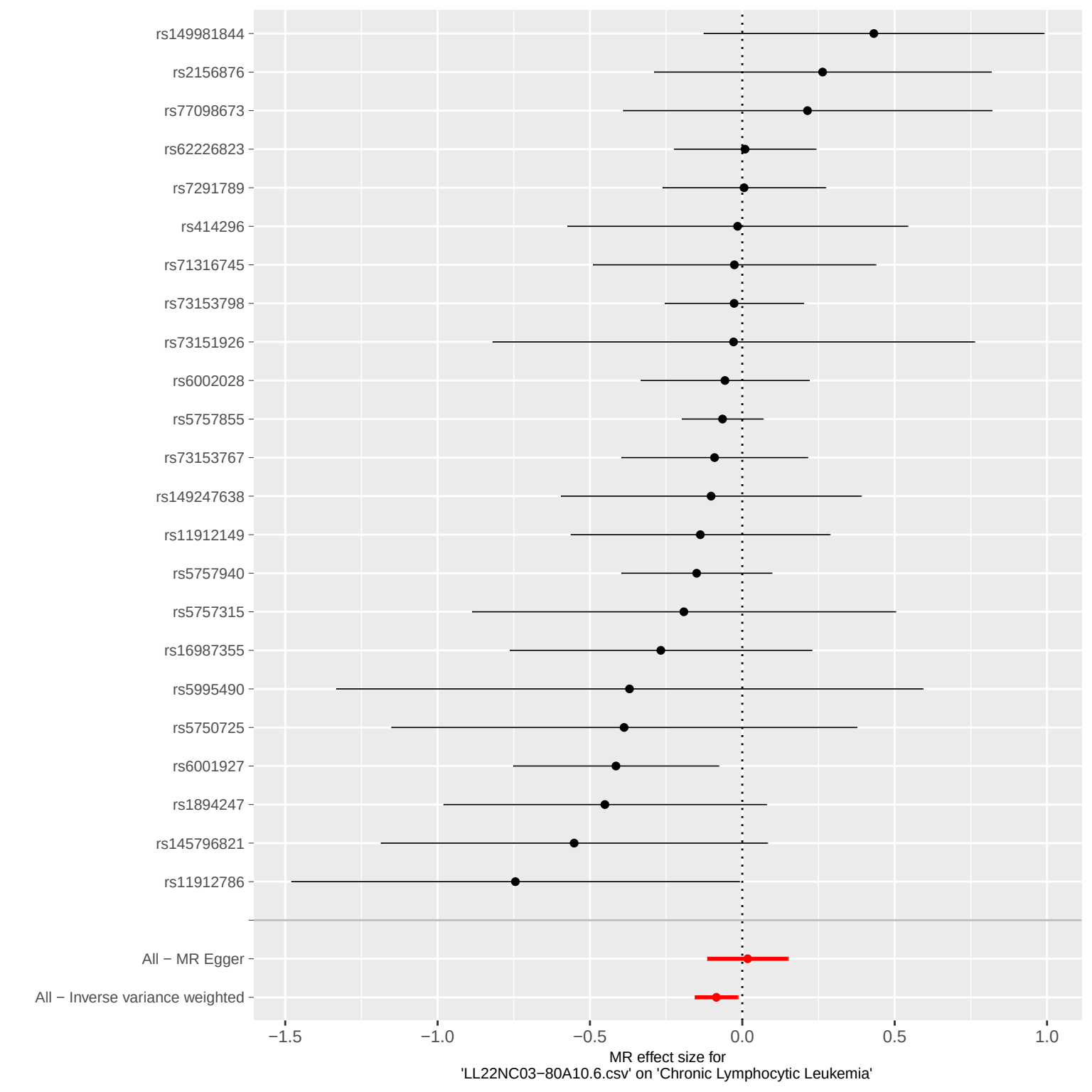
rs79753924
rs7161799
rs16940233
rs8028759
rs11071386
rs182007
rs17821316
rs78936960
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'LIPC.csv' on 'Chronic Lymphocytic Leukemia'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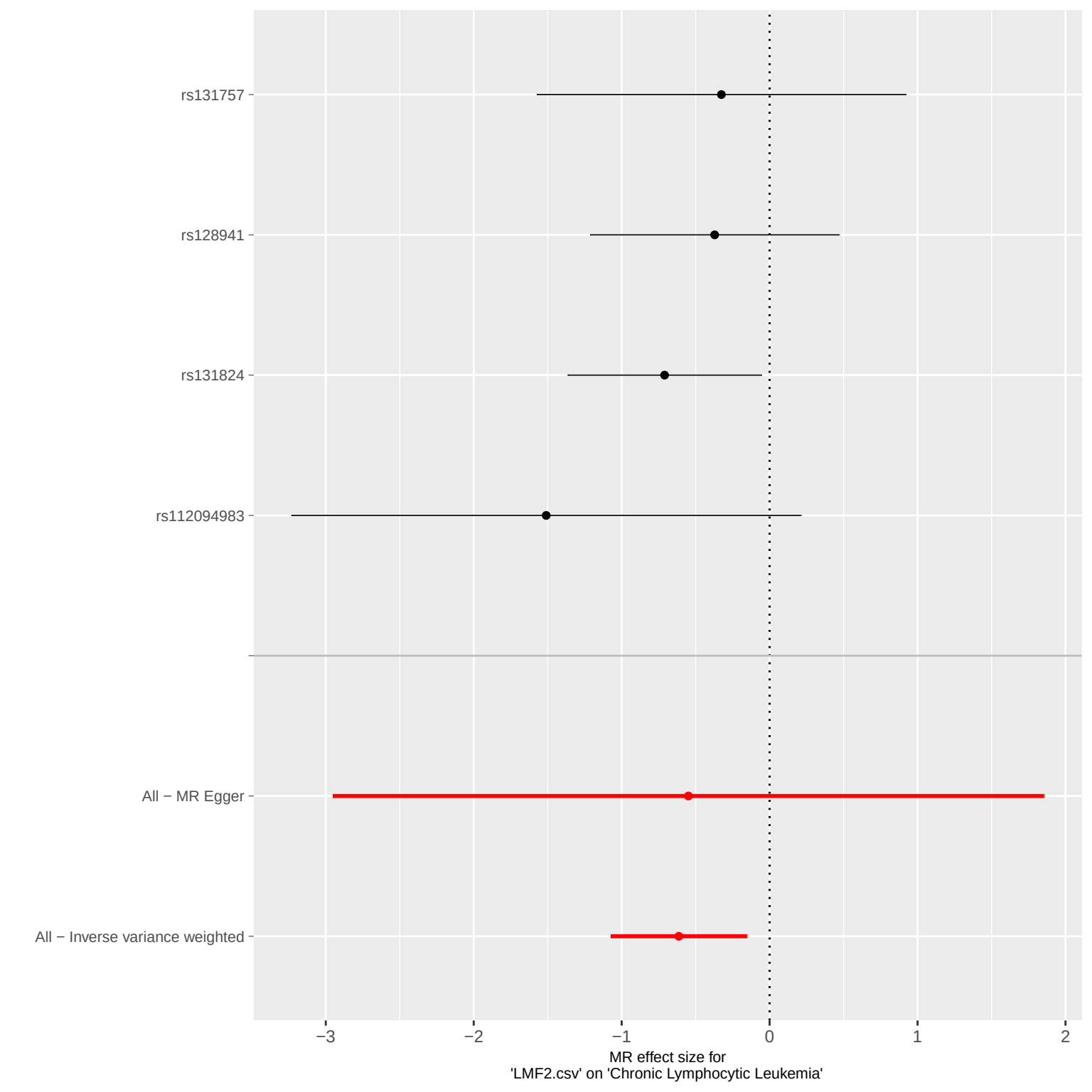
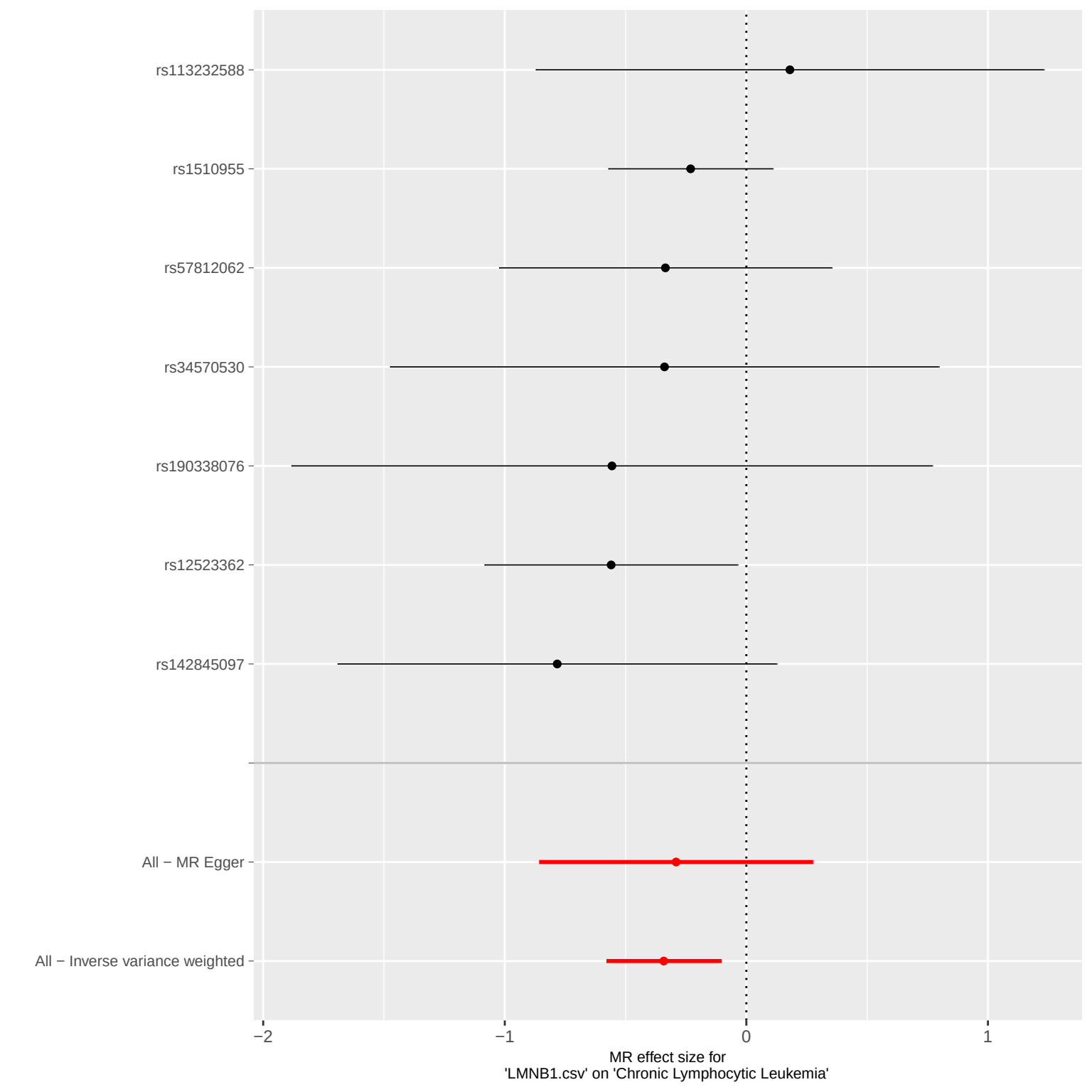
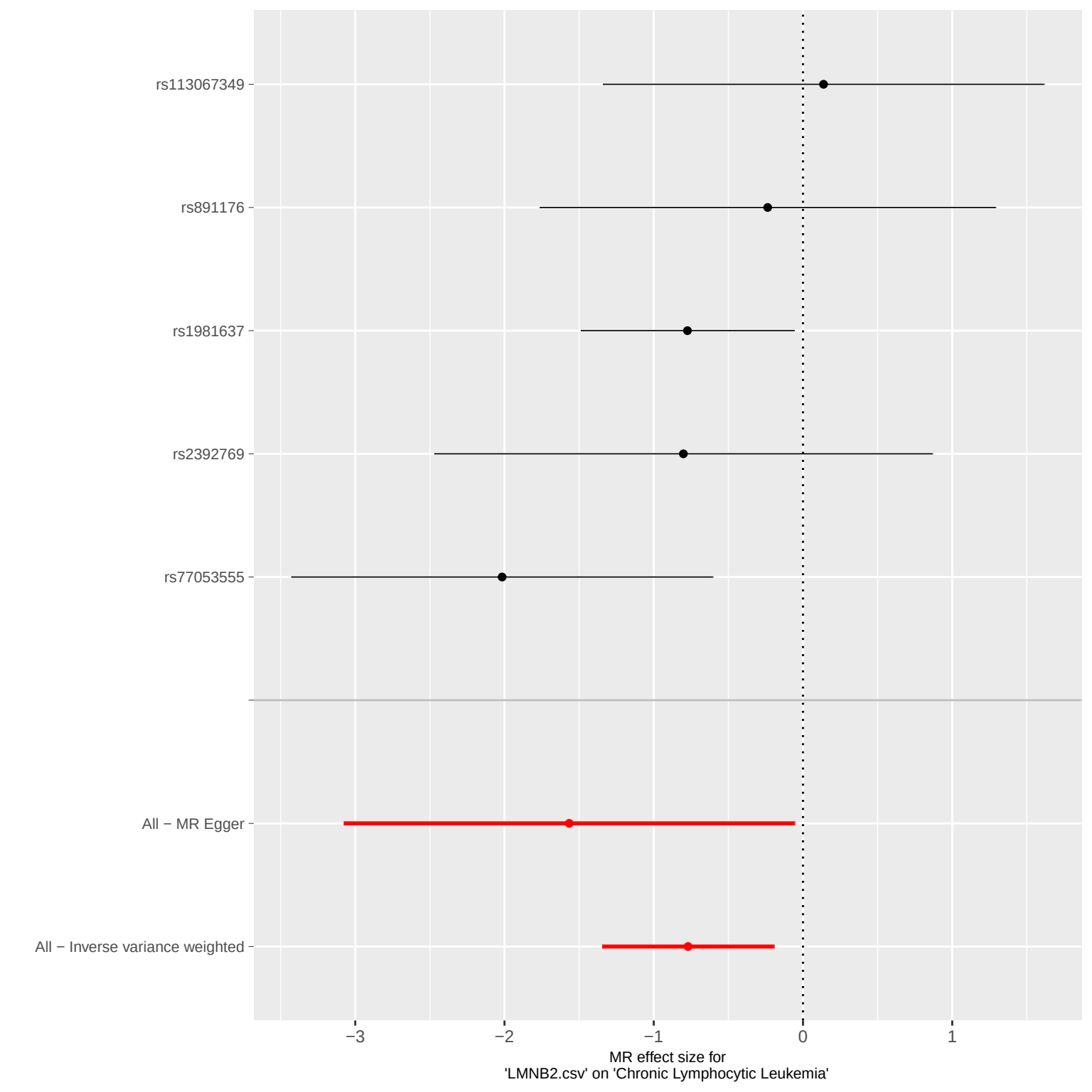
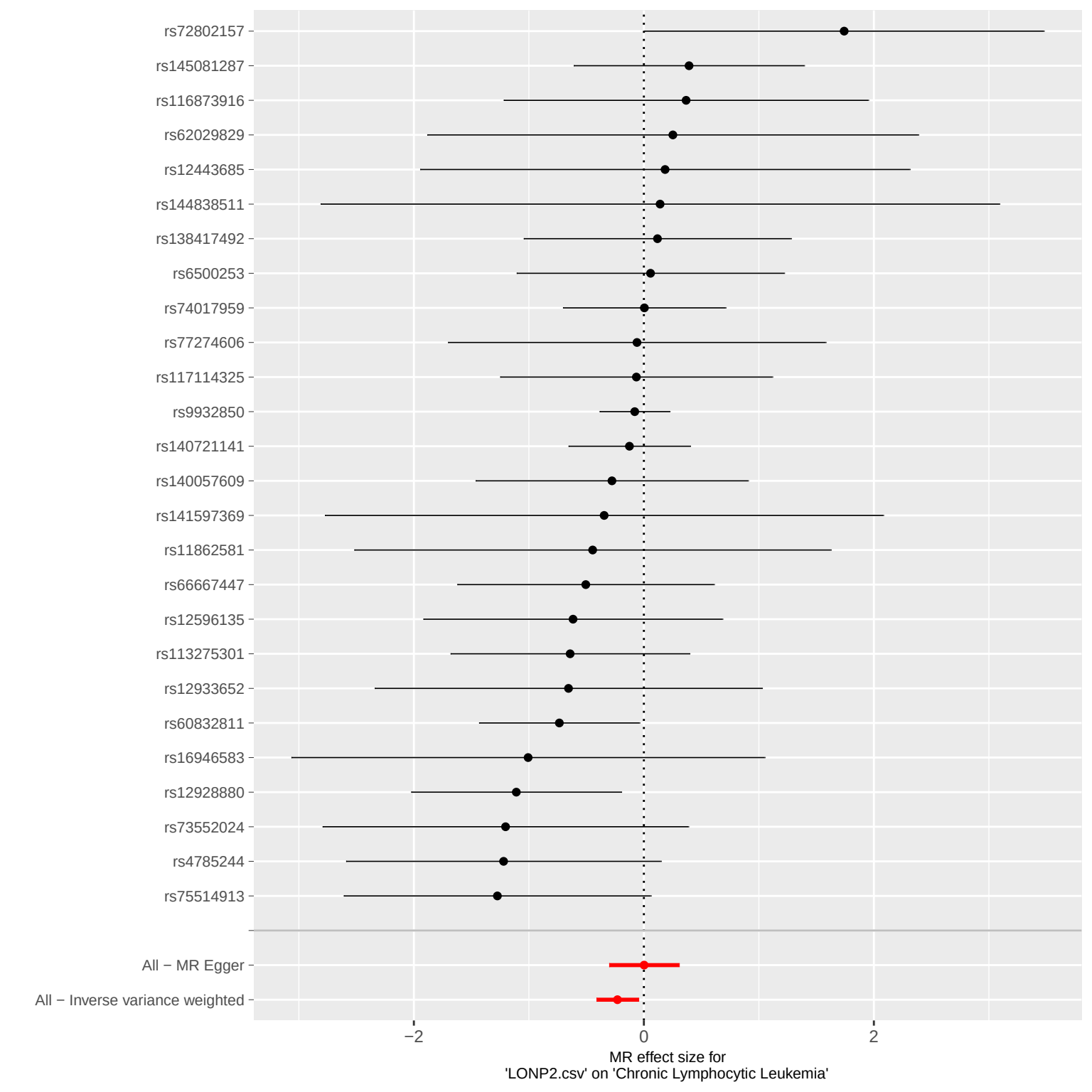
rs73153767
rs149247638
rs11912149
rs5757940
rs5757315
rs16987355
rs5995490
rs5750725
rs6001927
rs1894247
rs145796821
rs11912786
All − MR Egger
All − Inverse variance weighted
−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'LL22NC03−80A10.6.csv' on 'Chronic Lymphocytic Leukemia'


rs131757
rs128941
rs131824
rs112094983
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'LMF2.csv' on 'Chronic Lymphocytic Leukemia'


rs113232588
rs1510955
rs57812062
rs34570530
rs190338076
rs12523362
rs142845097
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'LMNB1.csv' on 'Chronic Lymphocytic Leukemia'


rs113067349
rs891176
rs1981637
rs2392769
rs77053555
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'LMNB2.csv' on 'Chronic Lymphocytic Leukemia'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rs140721141
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rs66667447
rs12596135
rs113275301
rs12933652
rs60832811
rs16946583
rs12928880
rs73552024
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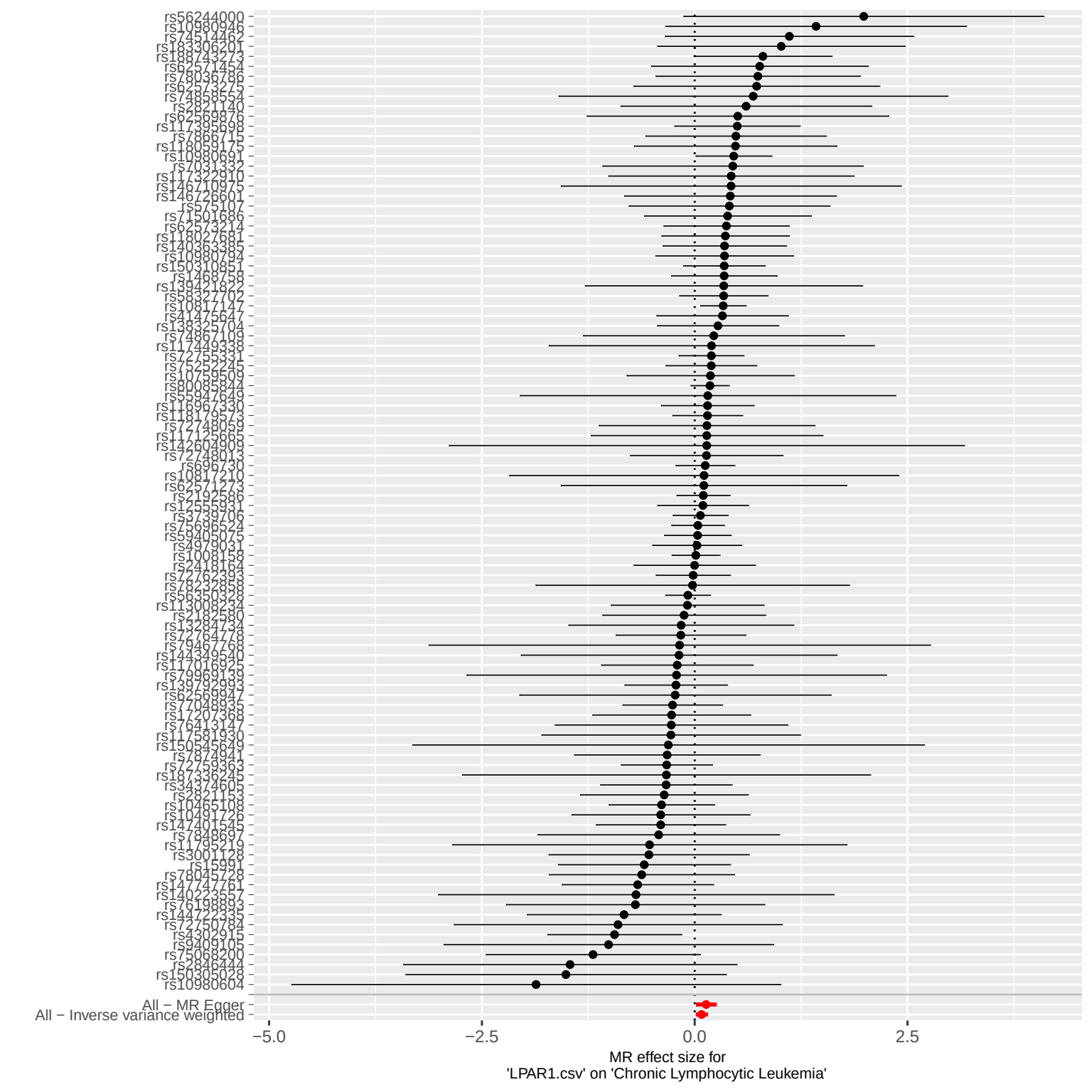
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'LONP2.csv' on 'Chronic Lymphocytic Leukemia'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rs696730
rs10817210
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rs72264778
rs7946768
rs144349540
rs117016925
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rs15991
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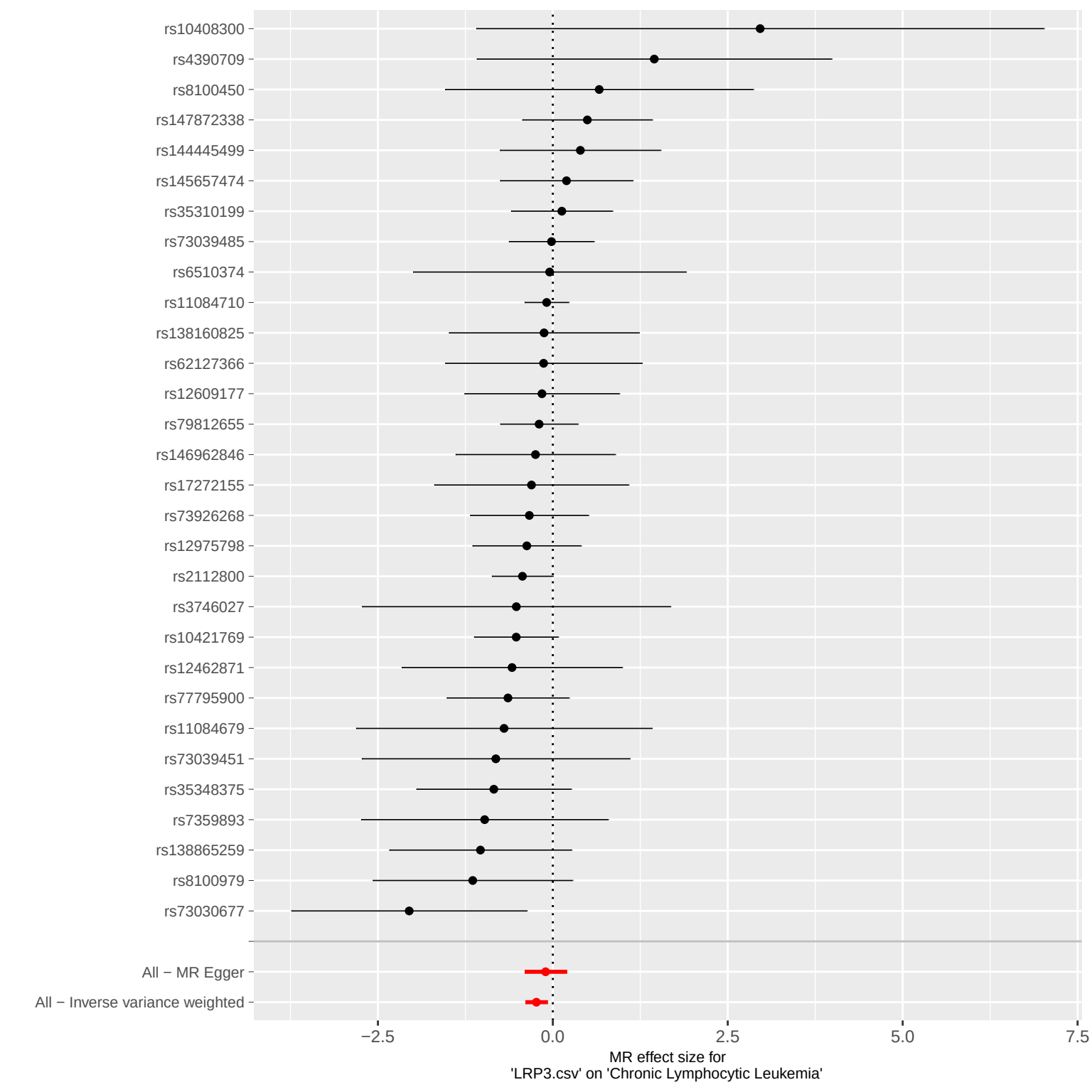
rs74618893
rs74798835
rs144772589
rs72750764
rs4302915
rs9406705
rs75068200
rs9846444
rs150305078
rs10980604
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'LPAR1.csv' on 'Chronic Lymphocytic Leukemia'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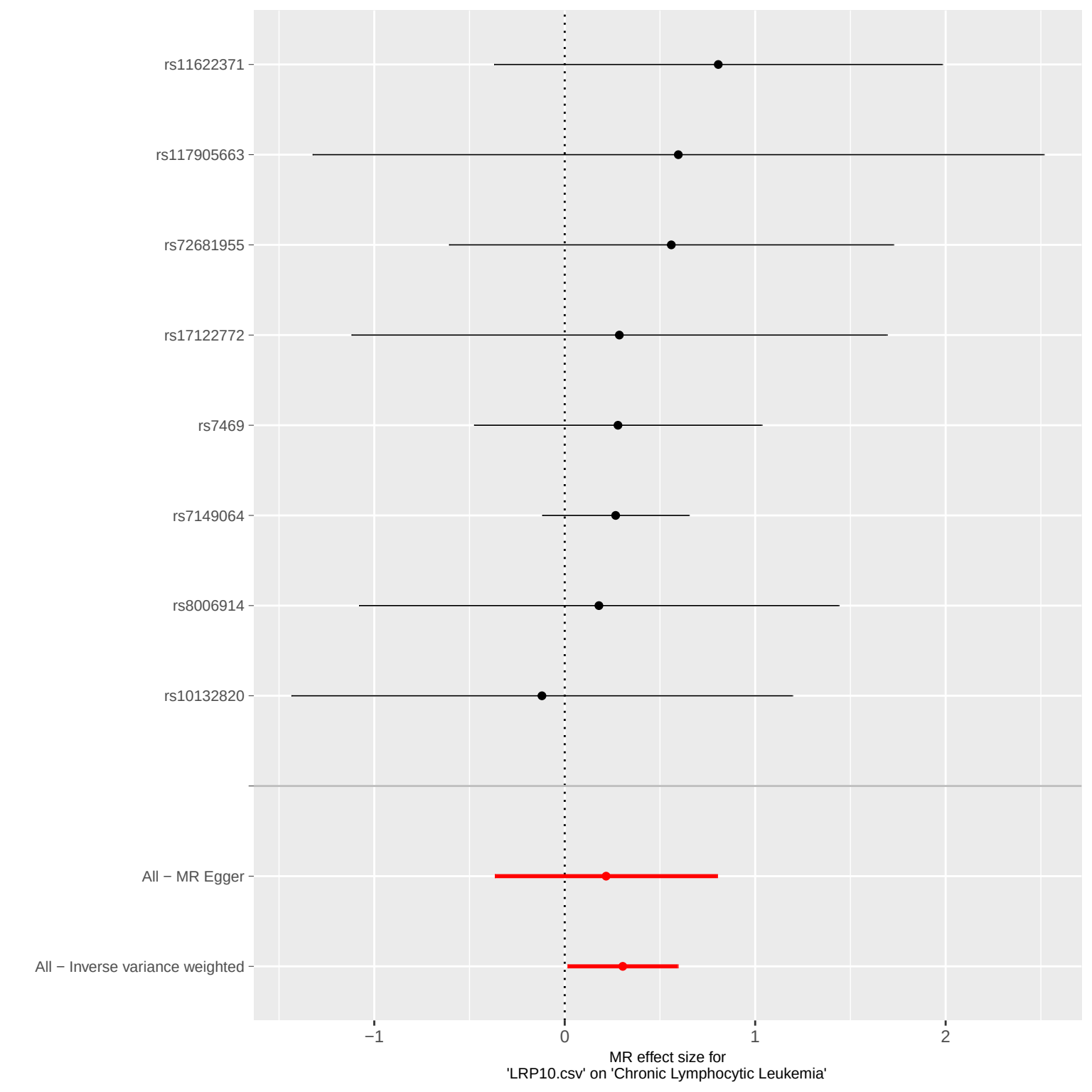
rs12462871
rs77795900
rs11084679
rs73039451
rs35348375
rs7359893
rs138865259
rs8100979
rs73030677
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'LRP3.csv' on 'Chronic Lymphocytic Leukemia'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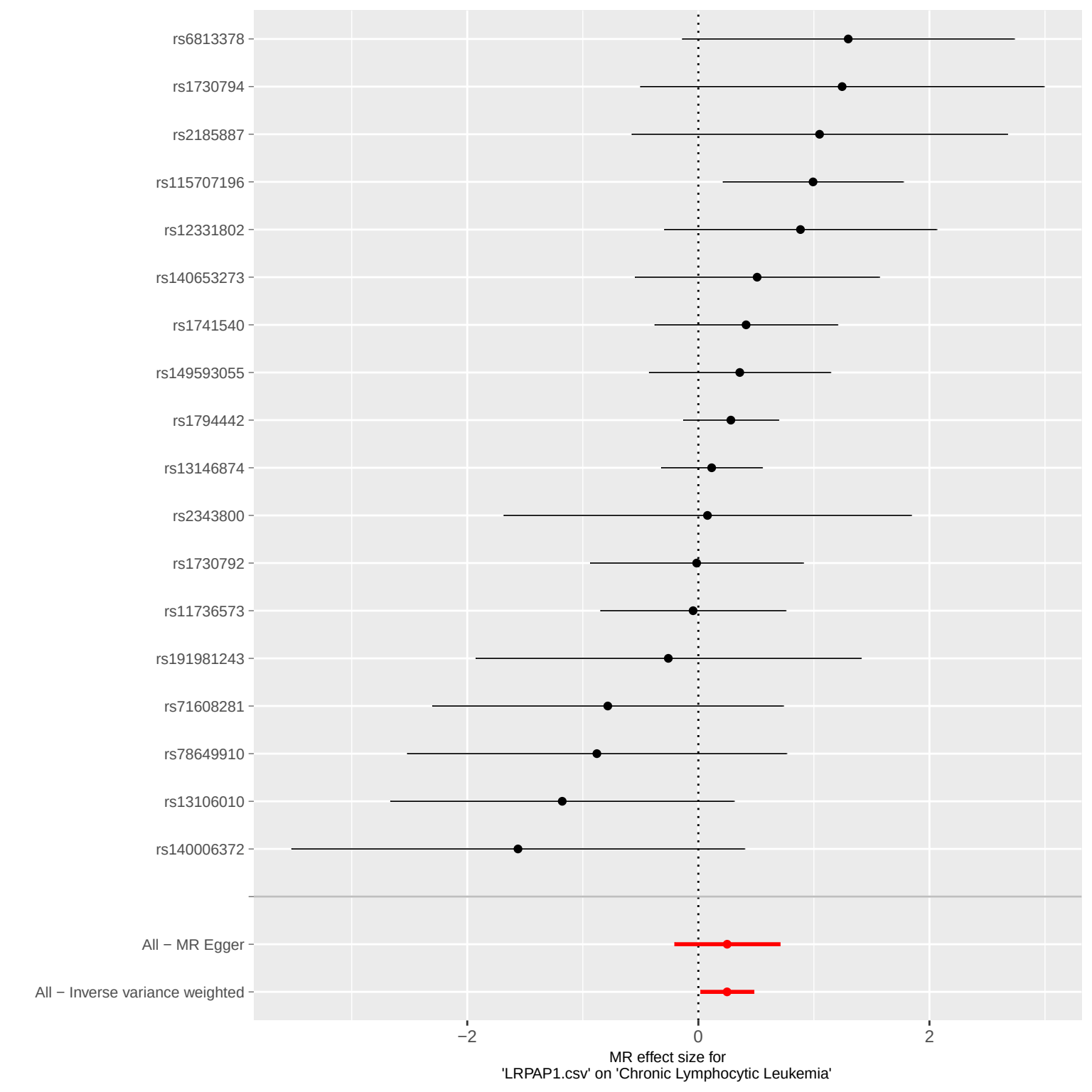
rs17122772
rs7469
rs7149064
rs8006914
rs10132820
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'LRP10.csv' on 'Chronic Lymphocytic Leukemia'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rs1741540
rs149593055
rs1794442
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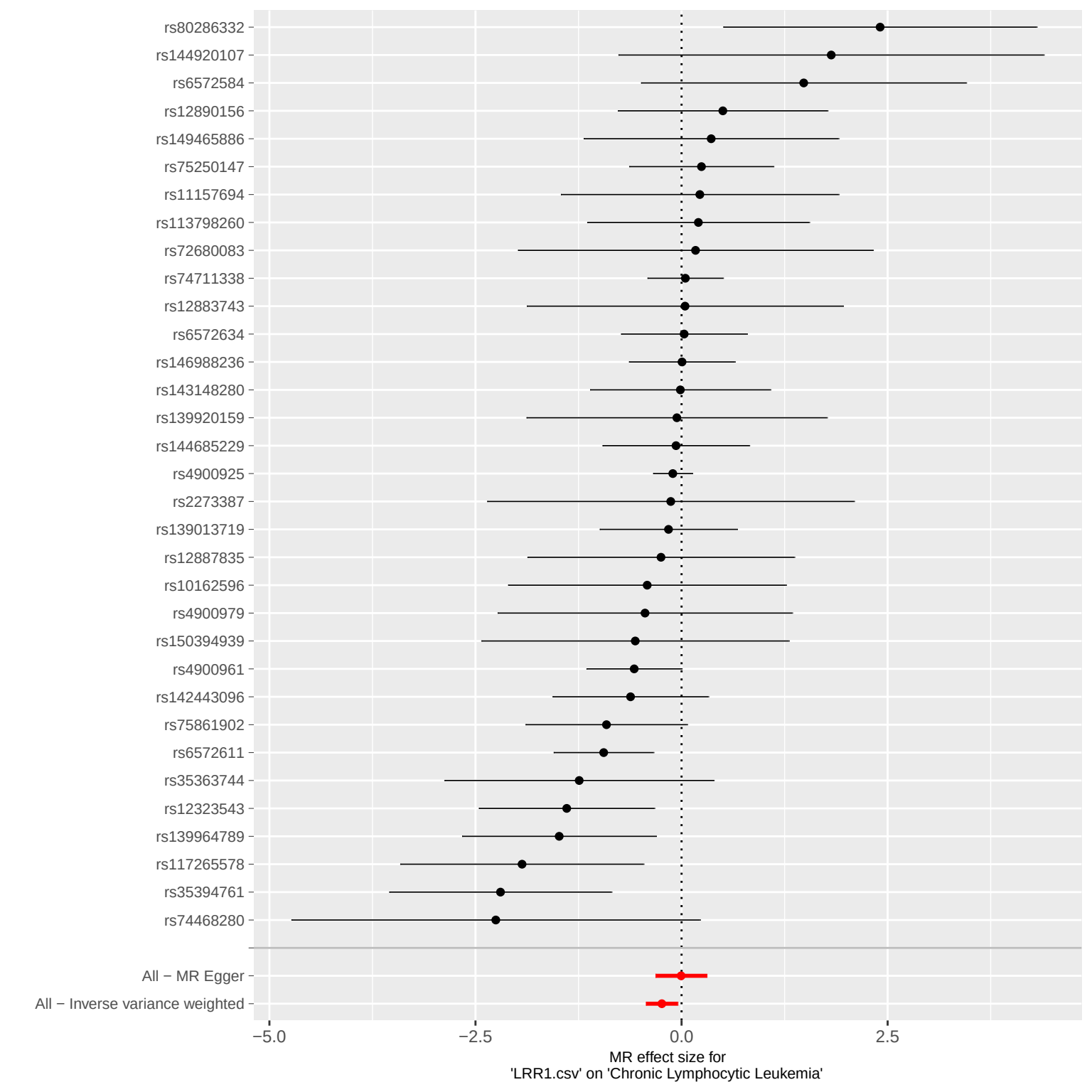
rs2343800
rs1730792
rs11736573
rs191981243
rs71608281
rs78649910
rs13106010
rs140006372
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'LRPAP1.csv' on 'Chronic Lymphocytic Leukemia'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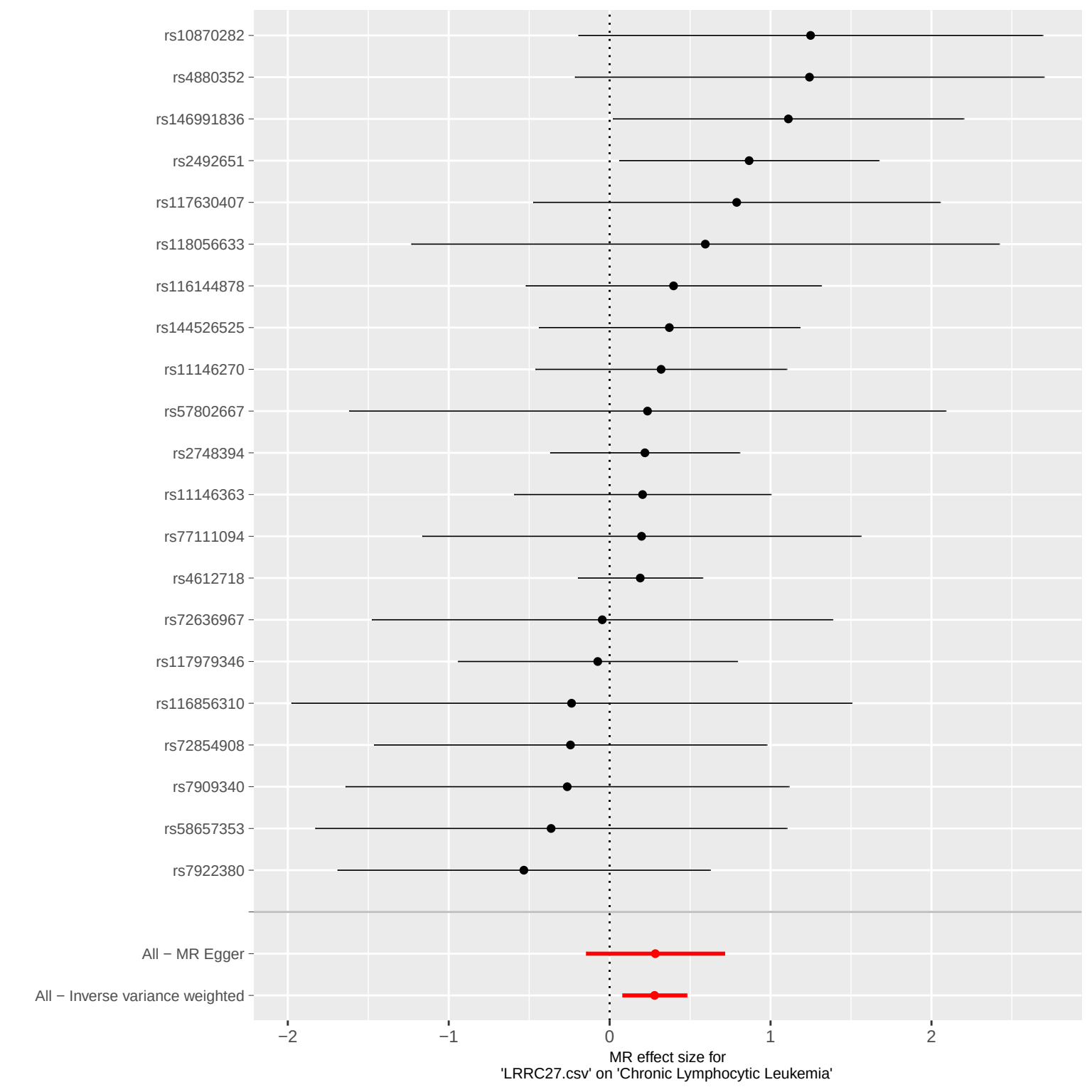
rs12323543
rs139964789
rs117265578
rs35394761
rs74468280
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'LRR1.csv' on 'Chronic Lymphocytic Leukemia'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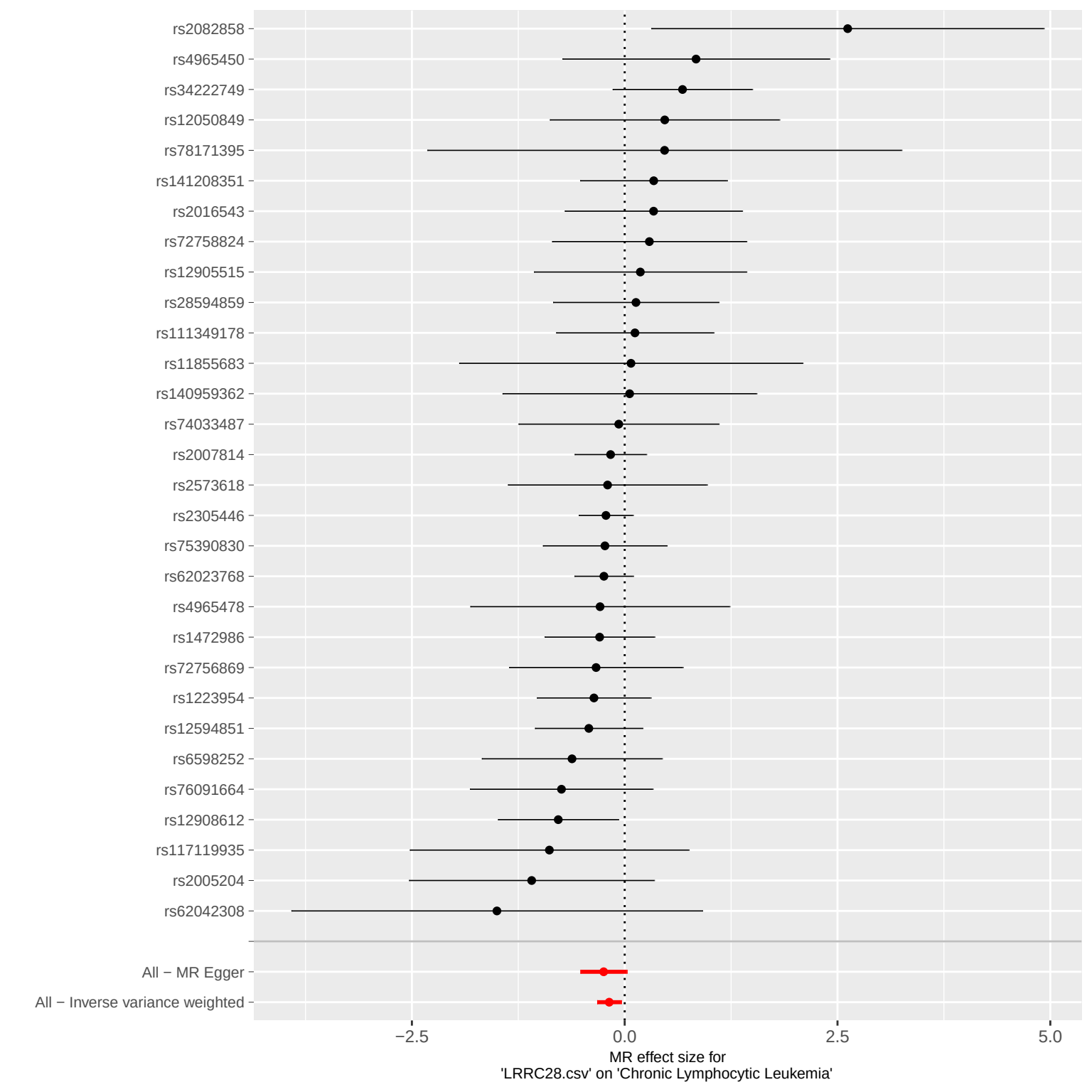
rs11146363
rs77111094
rs4612718
rs72636967
rs117979346
rs116856310
rs72854908
rs7909340
rs58657353
rs7922380
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'LRRC27.csv' on 'Chronic Lymphocytic Leukemia'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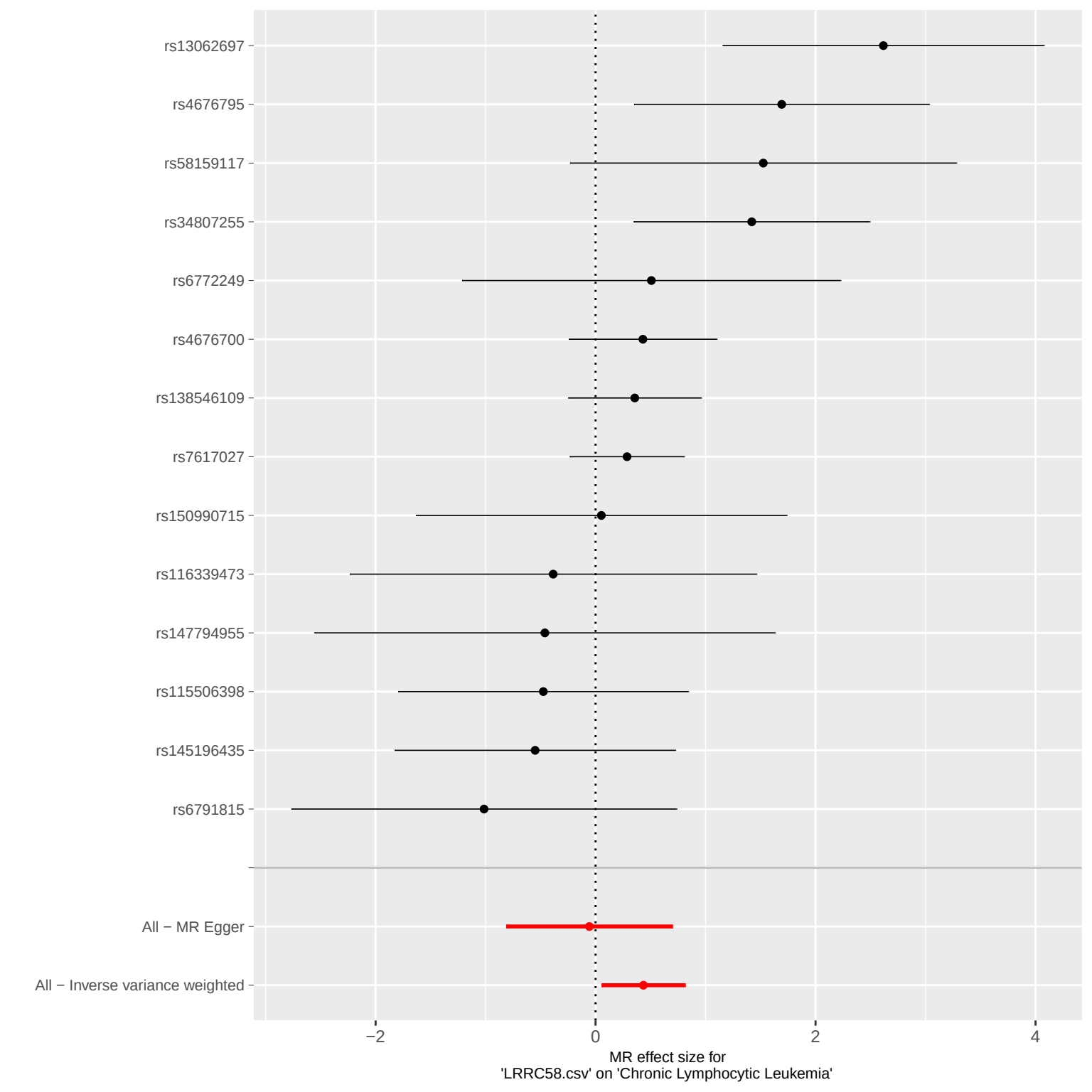
rs1472986
rs72756869
rs1223954
rs12594851
rs6598252
rs76091664
rs12908612
rs117119935
rs2005204
rs62042308
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'LRRC28.csv' on 'Chronic Lymphocytic Leukemia'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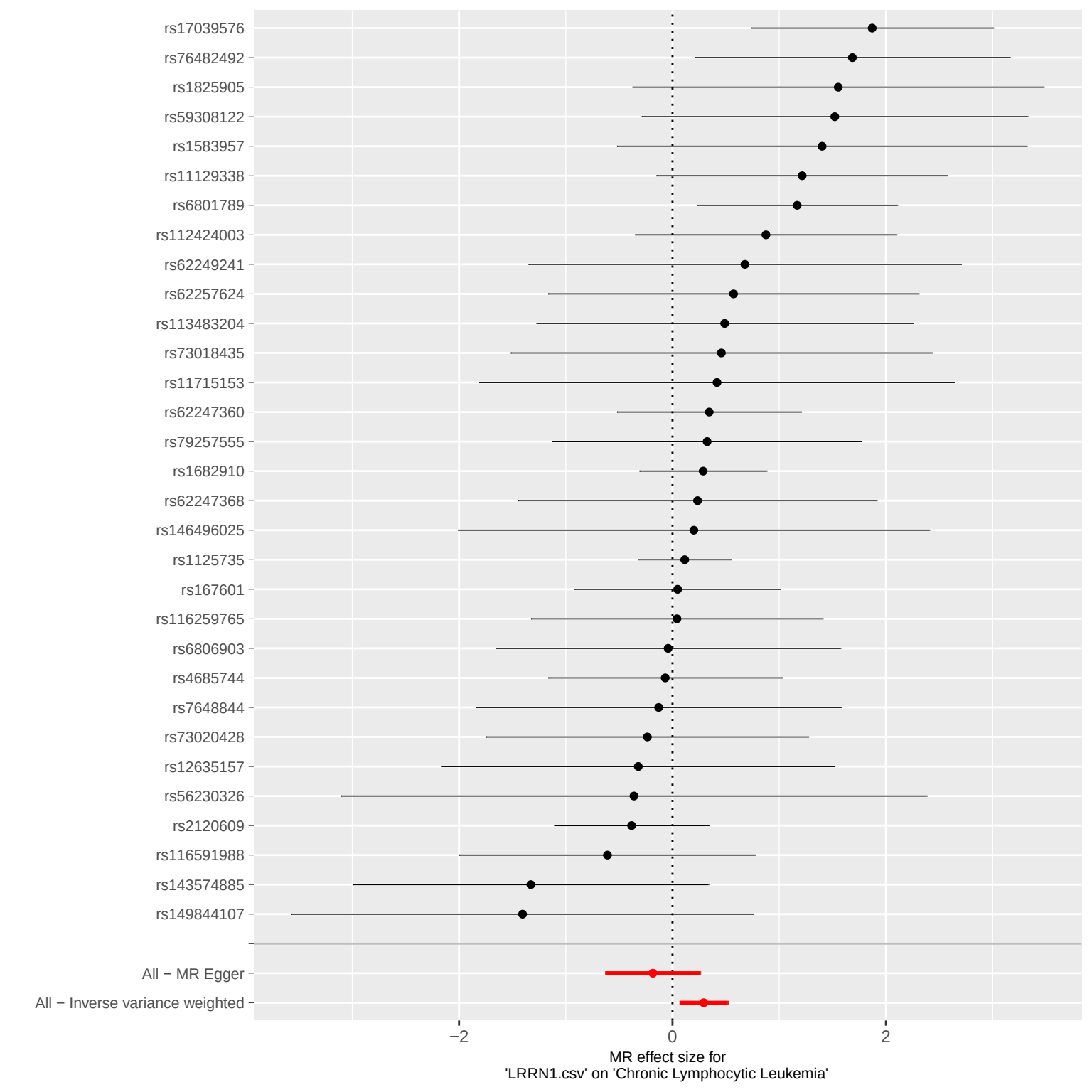
rs7617027
rs150990715
rs116339473
rs147794955
rs115506398
rs145196435
rs6791815
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'LRRC58.csv' on 'Chronic Lymphocytic Leukemia'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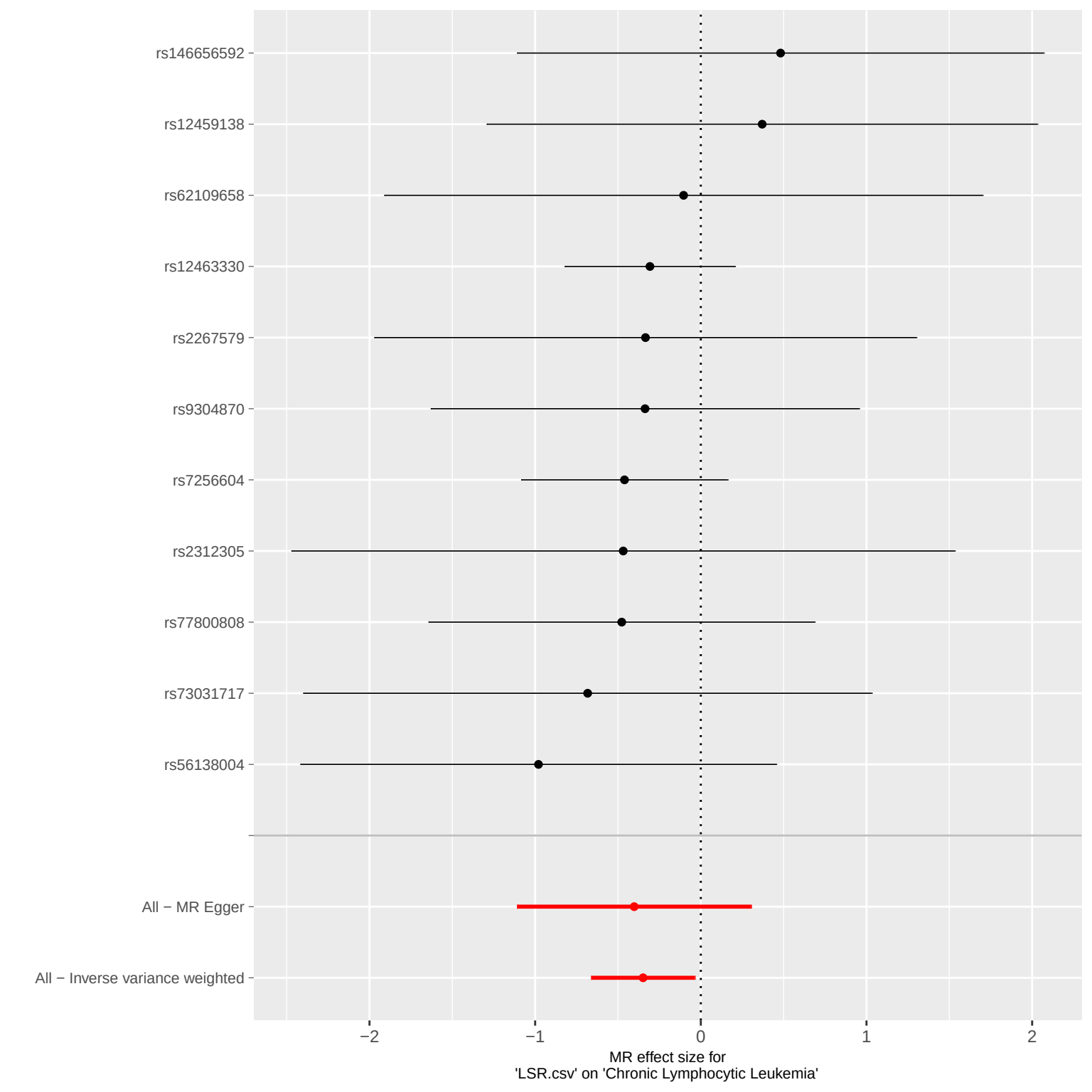
rs7648844
rs73020428
rs12635157
rs56230326
rs2120609
rs116591988
rs143574885
rs149844107
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'LRRN1.csv' on 'Chronic Lymphocytic Leukemia'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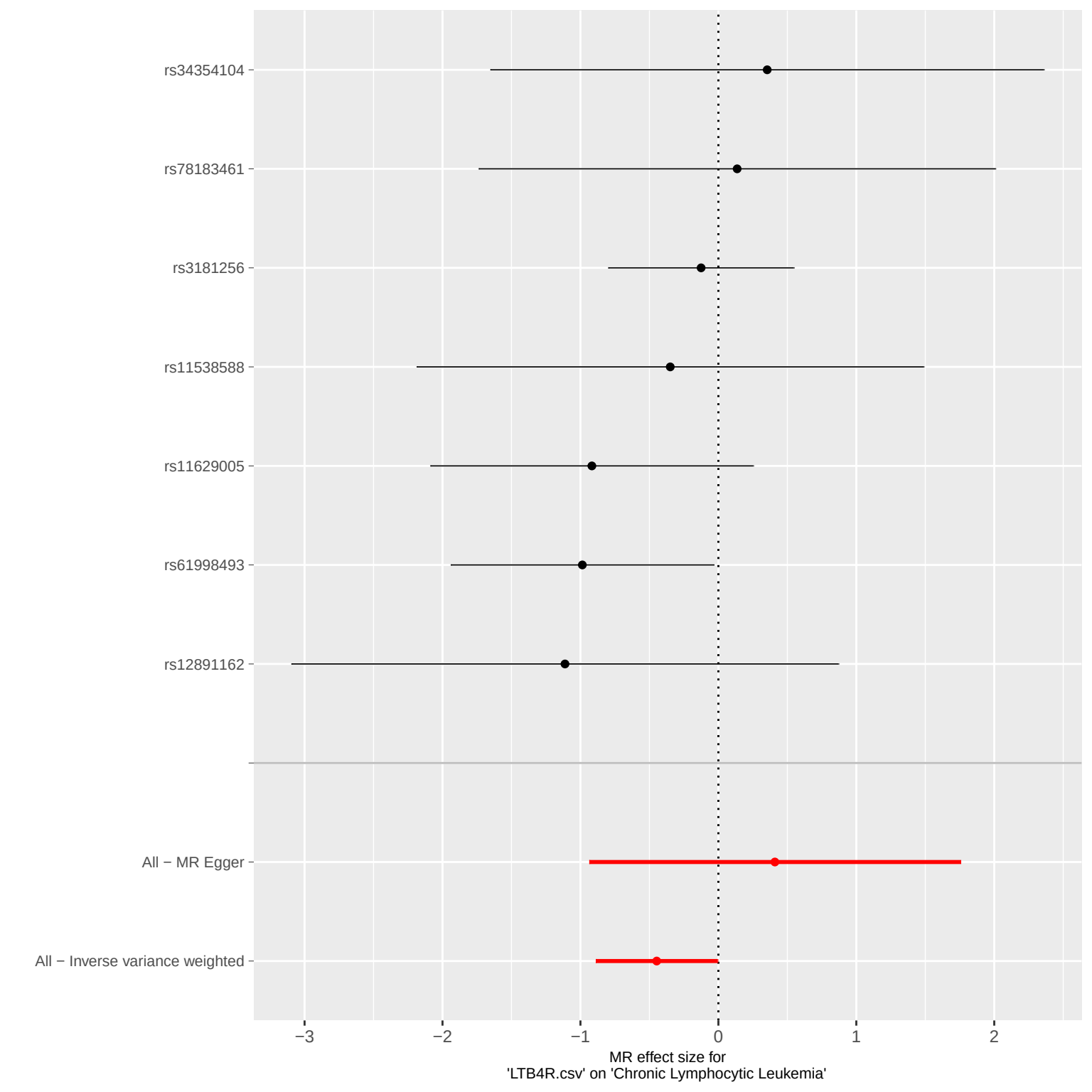
rs62109658
rs12463330
rs2267579
rs9304870
rs7256604
rs2312305
rs77800808
rs73031717
rs56138004
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'LSR.csv' on 'Chronic Lymphocytic Leukemia'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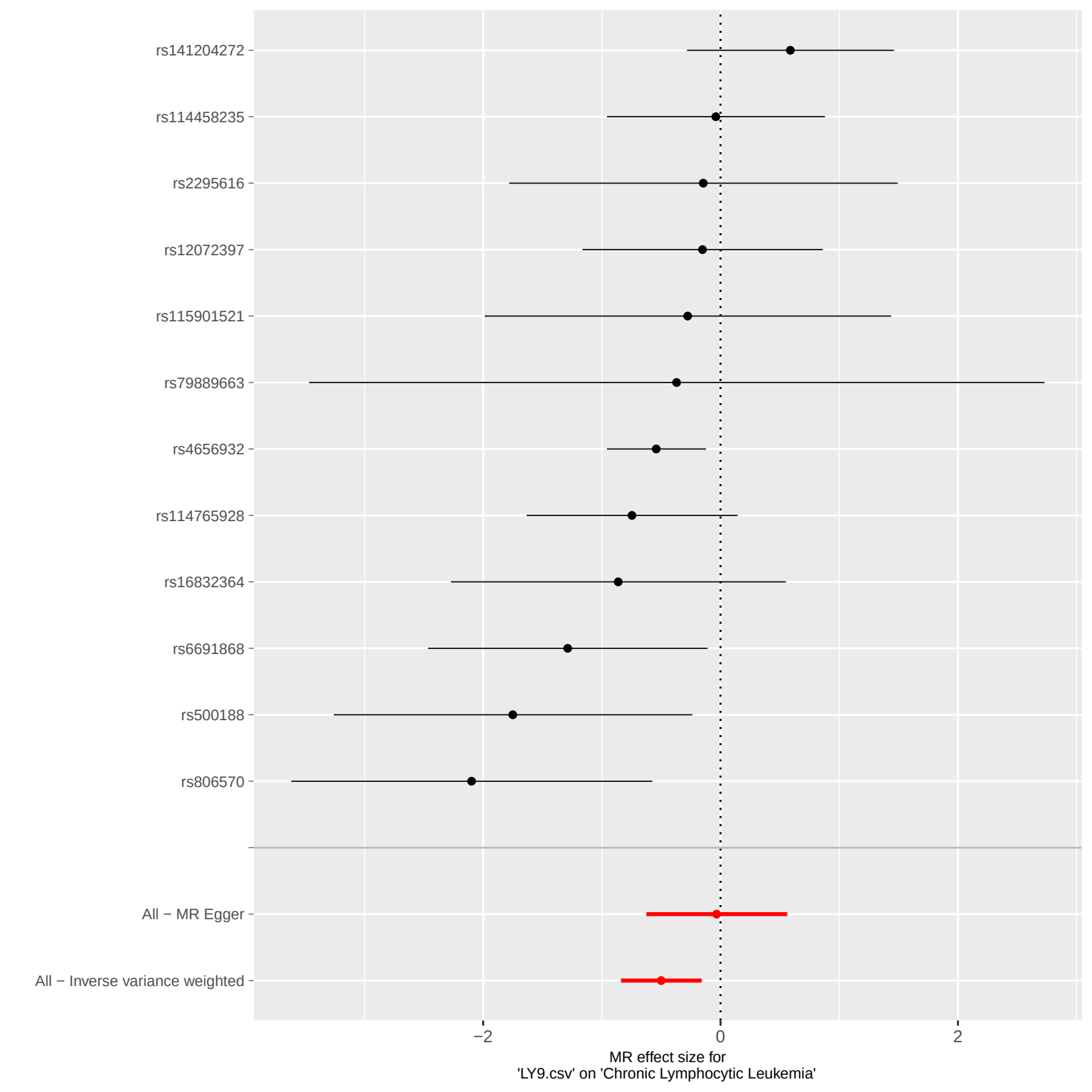
rs78183461
rs3181256
rs11538588
rs11629005
rs61998493
rs12891162
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'LTB4R.csv' on 'Chronic Lymphocytic Leukemia'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rs79889663
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All − MR Egger
All − Inverse variance weighted
−2
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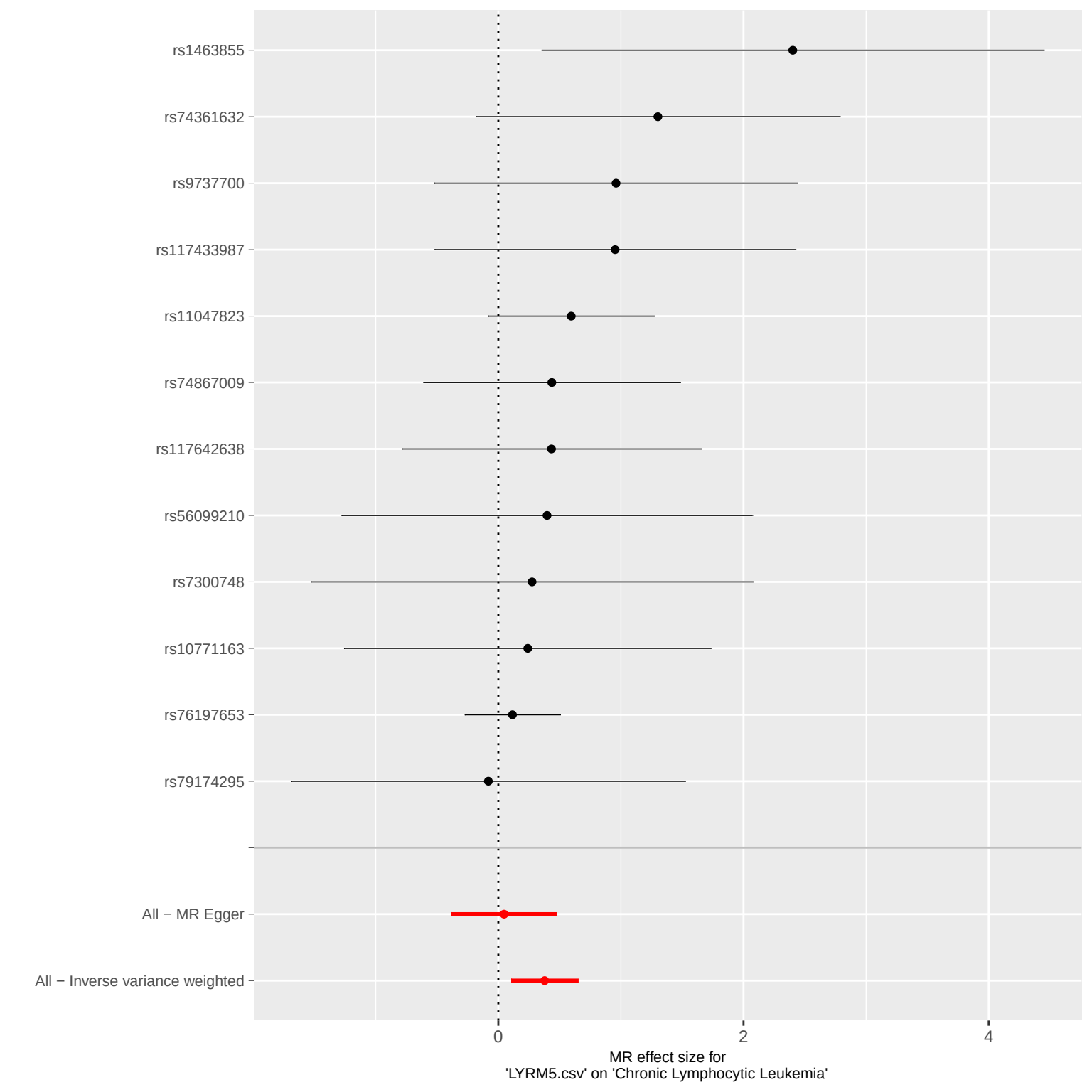
2
MR effect size for
'LY9.csv' on 'Chronic Lymphocytic Leukemia'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rs11047823
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rs117642638
rs56099210
rs7300748
rs10771163
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rs79174295
All − MR Egger
All − Inverse variance weighted
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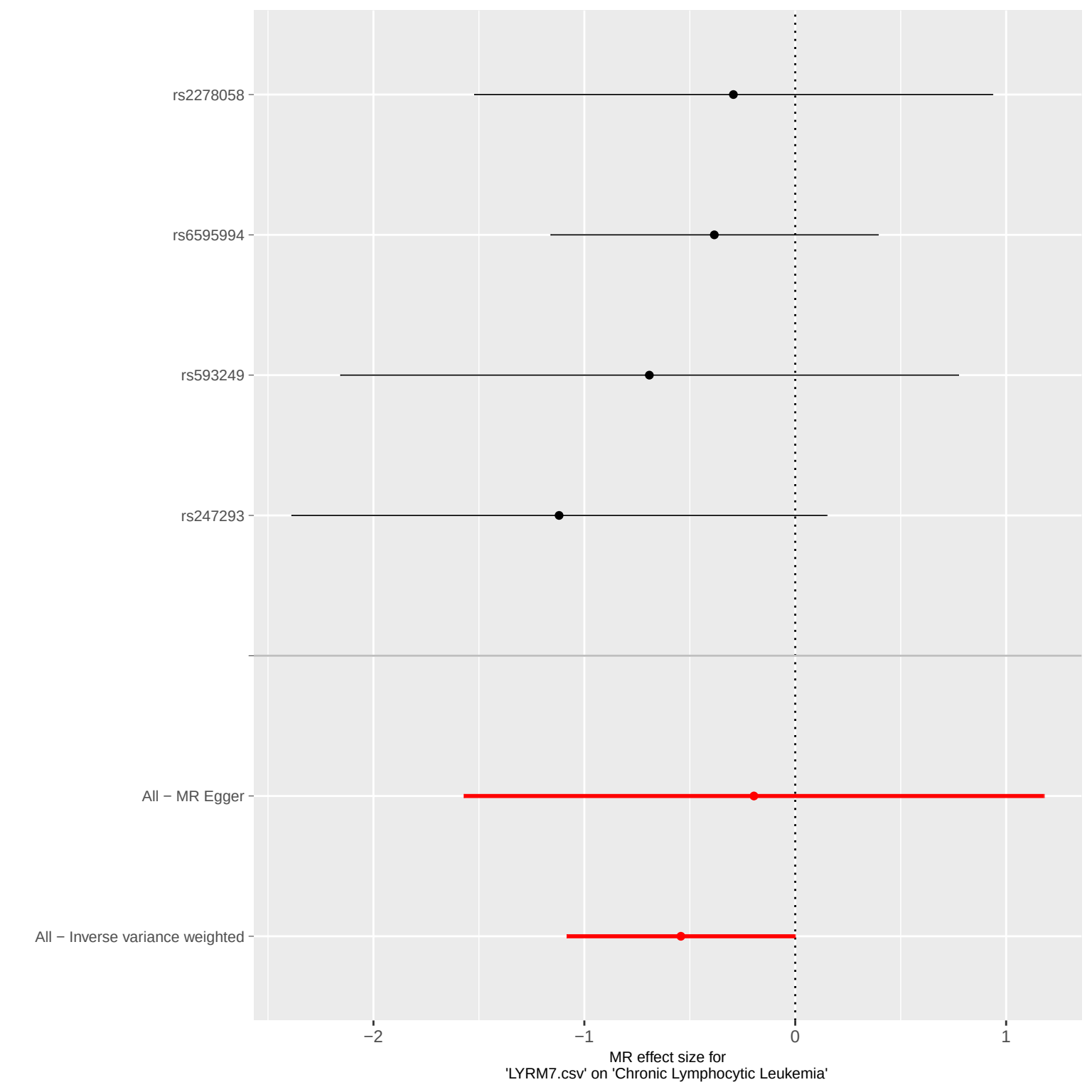
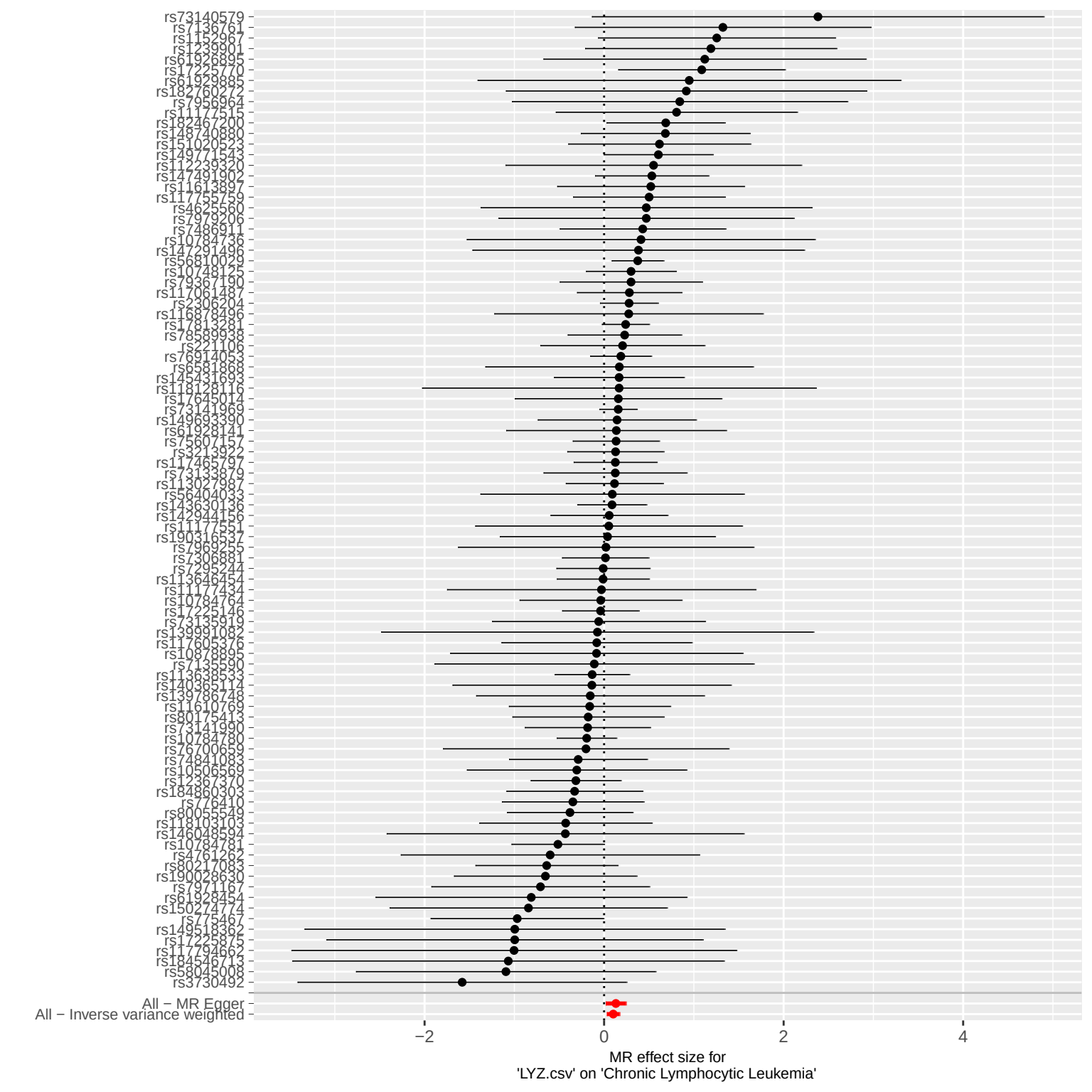
2
4
MR effect size for
'LYRM5.csv' on 'Chronic Lymphocytic Leukemia'


rs2278058
rs6595994
rs593249
rs247293
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'LYRM7.csv' on 'Chronic Lymphocytic Leukemia'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rs58045008
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All − MR Egger
All − Inverse variance weighted
−2
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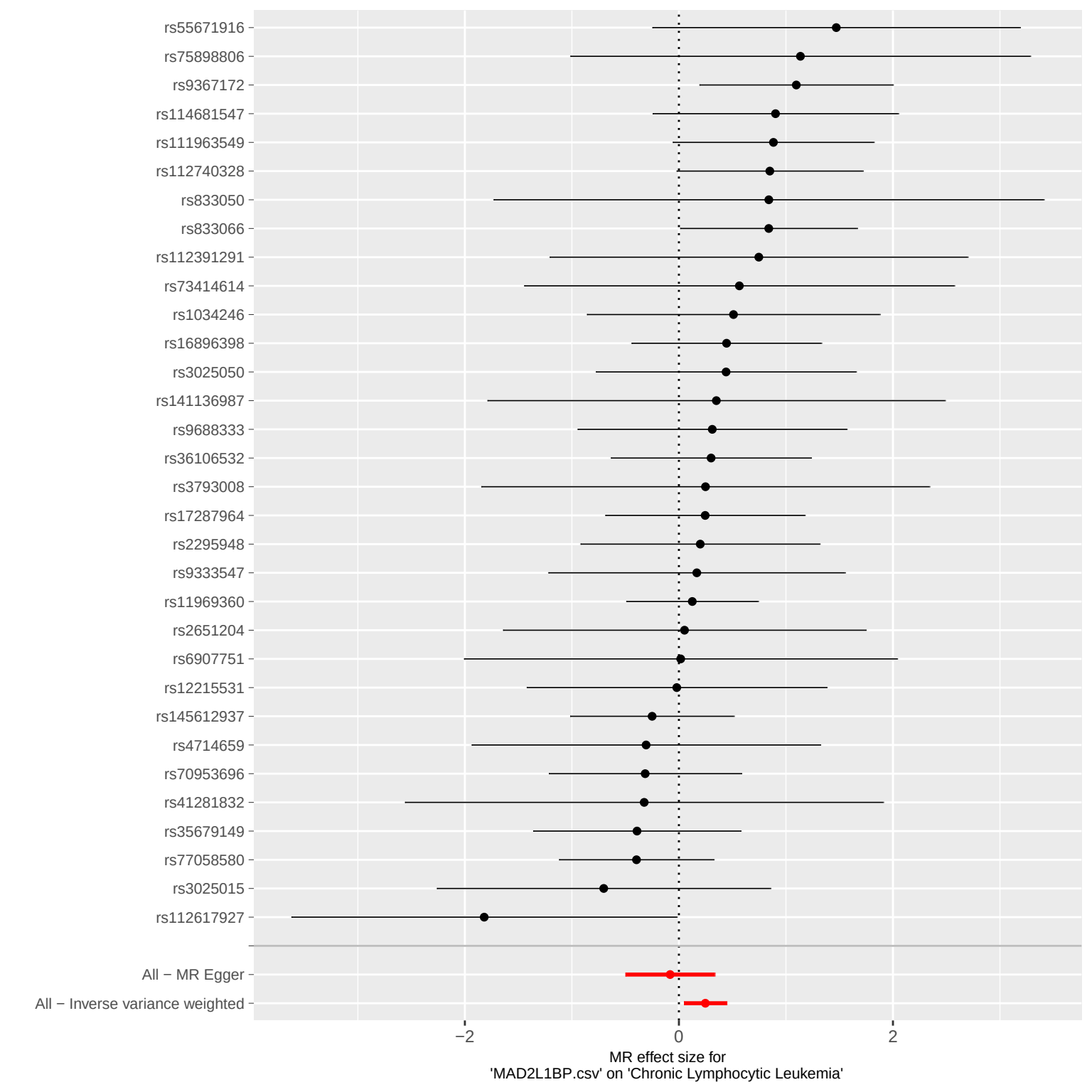
2
4
MR effect size for
'LYZ.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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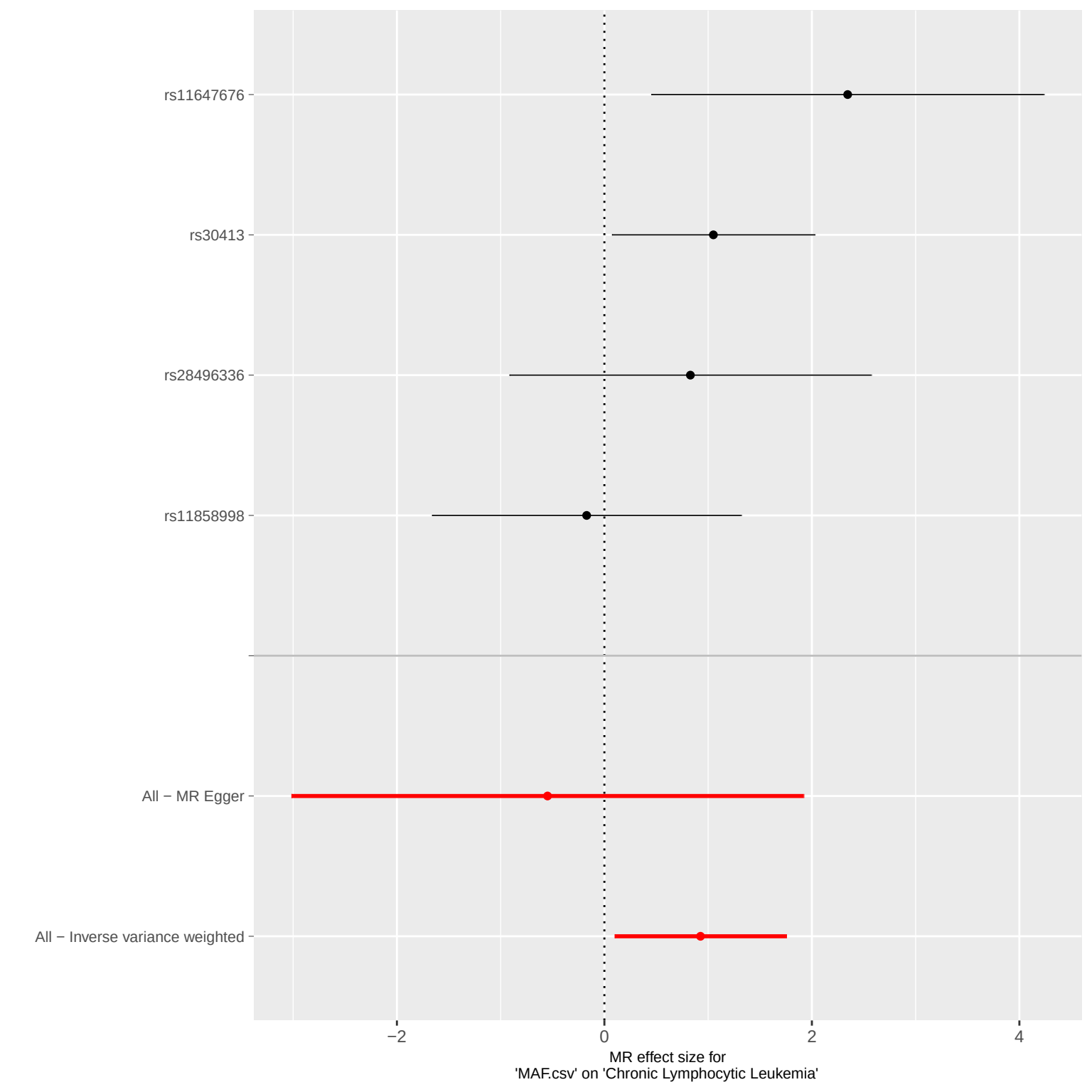
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MR effect size for
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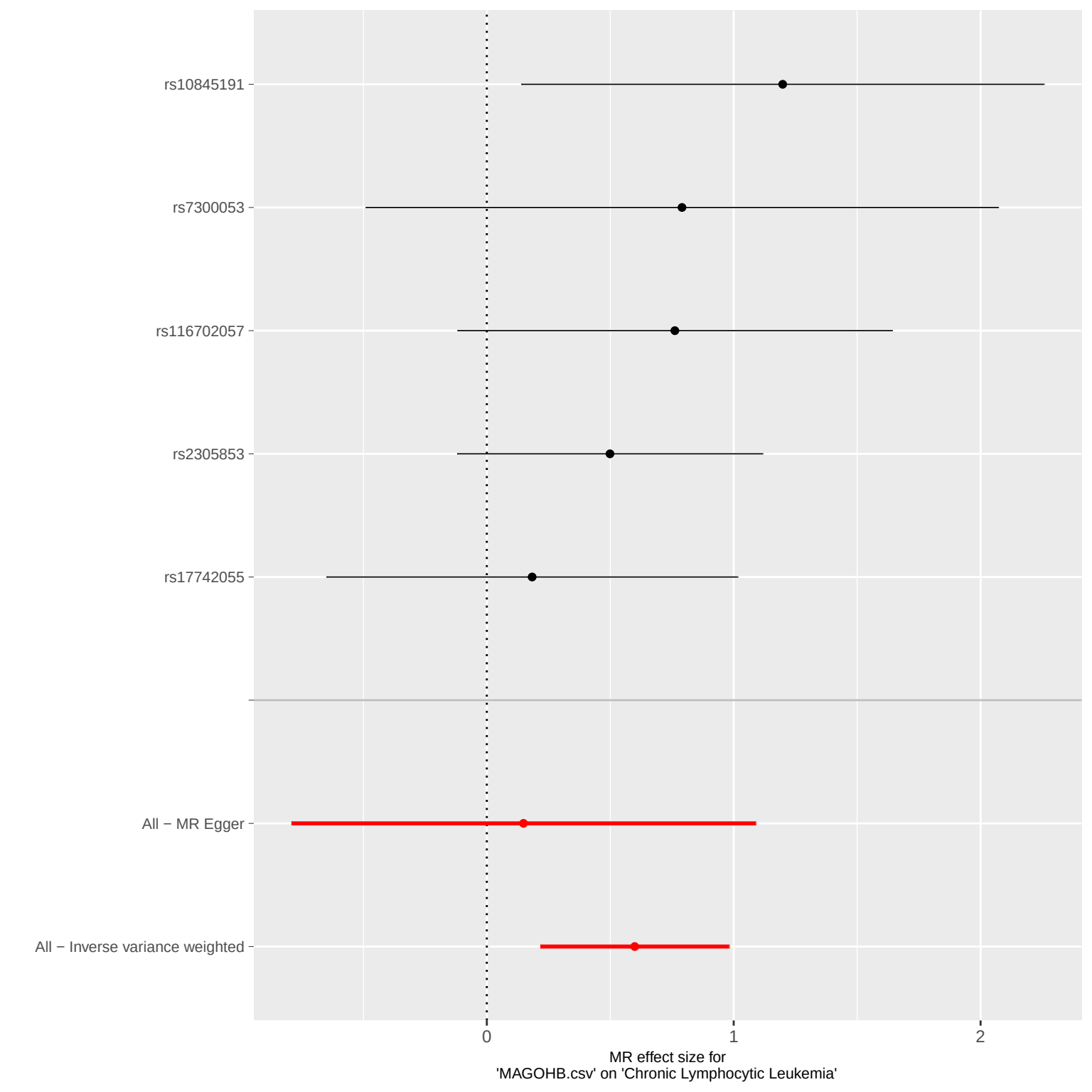
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All − Inverse variance weighted
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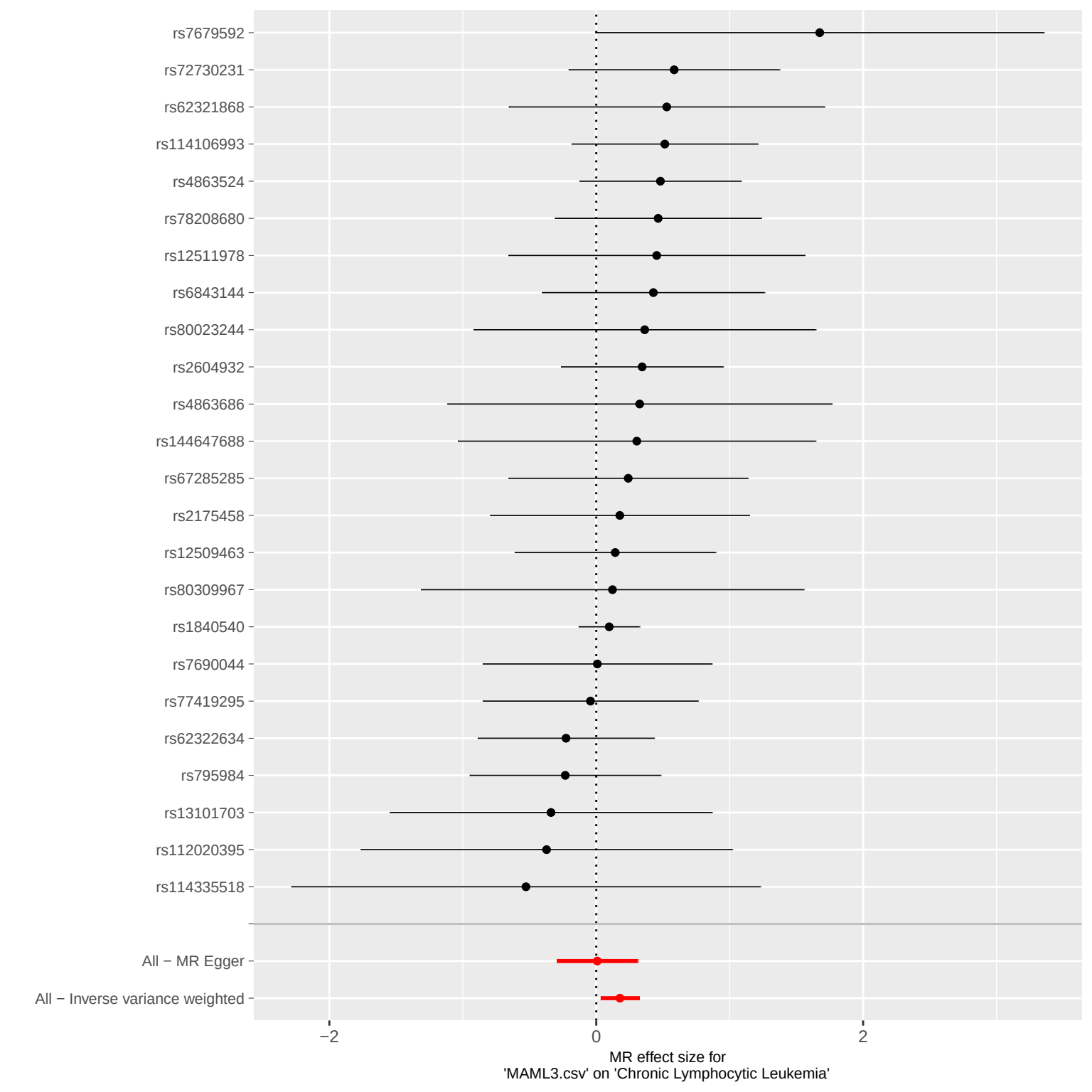
MR effect size for
'MAGOHB.csv' on 'Chronic Lymphocytic Leukemia'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rs13101703
rs112020395
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All − MR Egger
All − Inverse variance weighted
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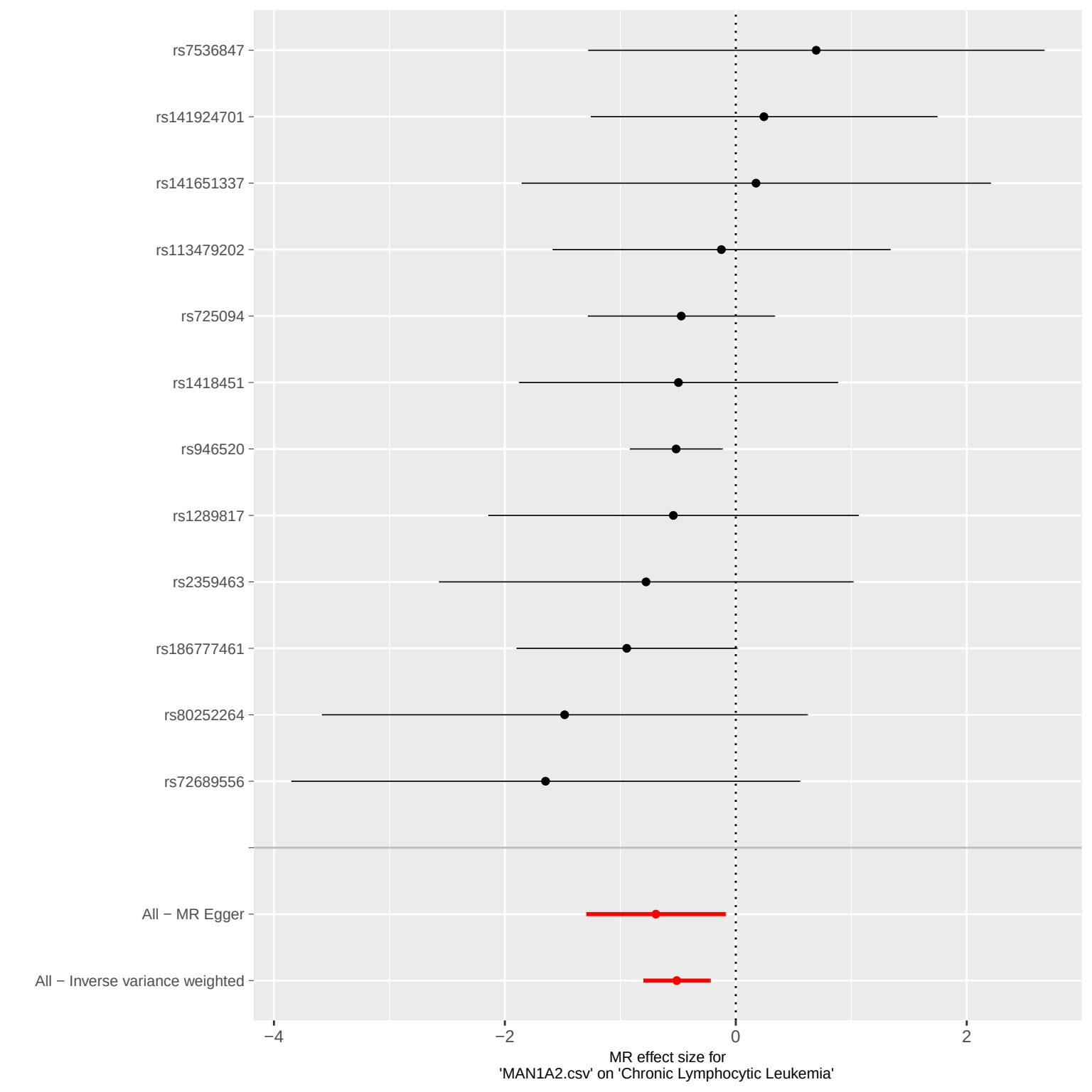
MR effect size for
'MAML3.csv' on 'Chronic Lymphocytic Leukemia'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rs80252264
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All − MR Egger
All − Inverse variance weighted
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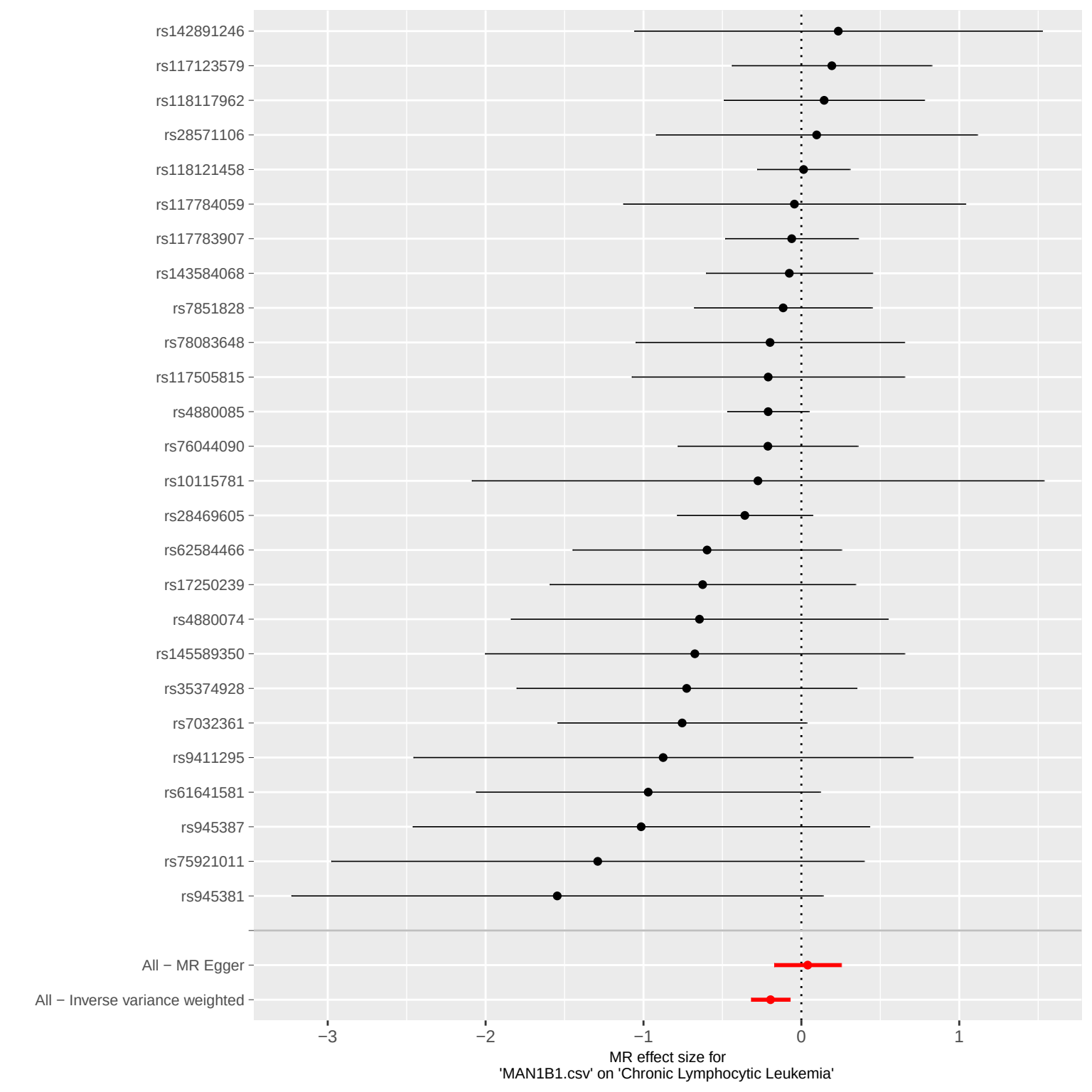
MR effect size for
'MAN1A2.csv' on 'Chronic Lymphocytic Leukemia'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rs945387
rs75921011
rs945381
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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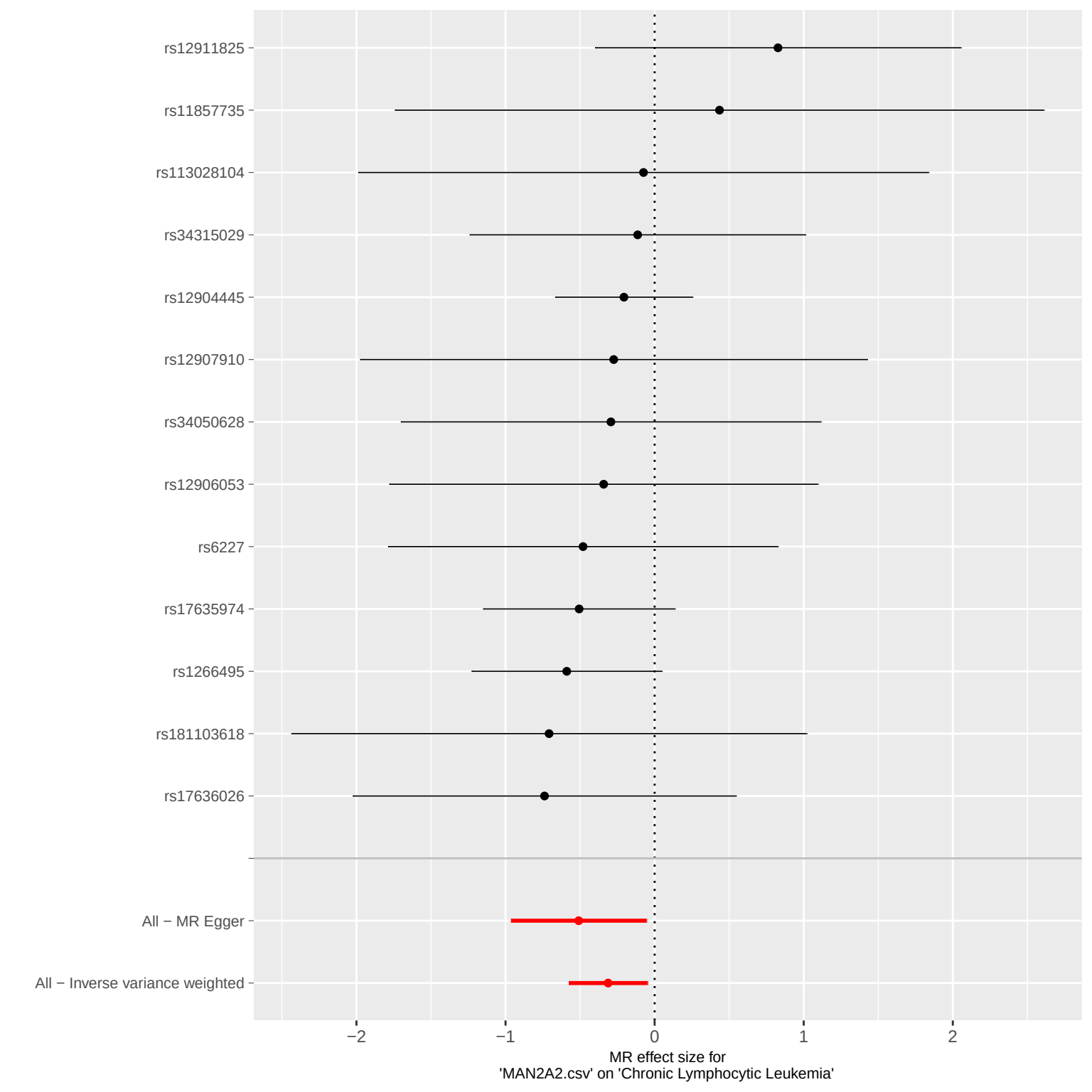
MR effect size for
'MAN1B1.csv' on 'Chronic Lymphocytic Leukemia'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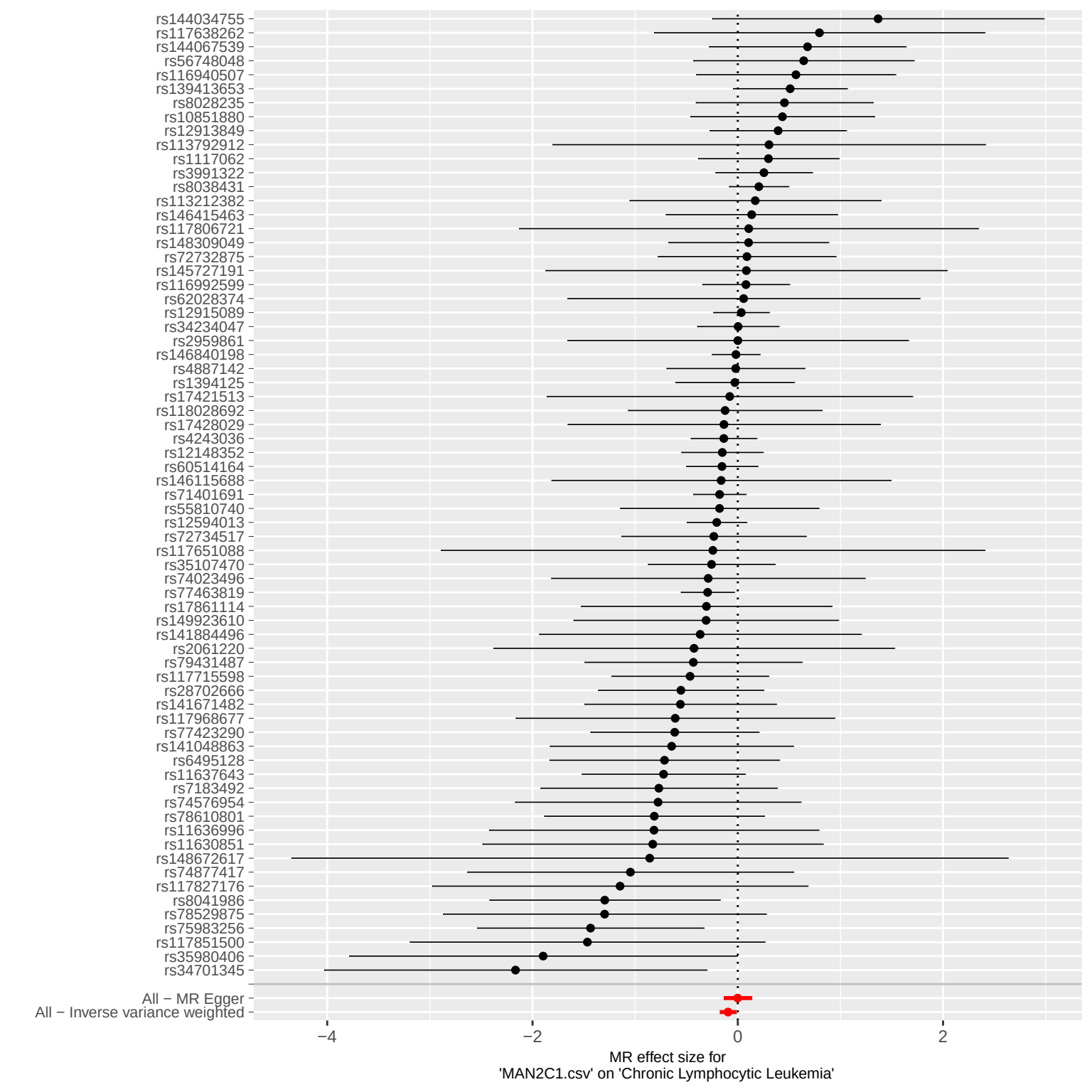
rs17636026
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'MAN2A2.csv' on 'Chronic Lymphocytic Leukemia'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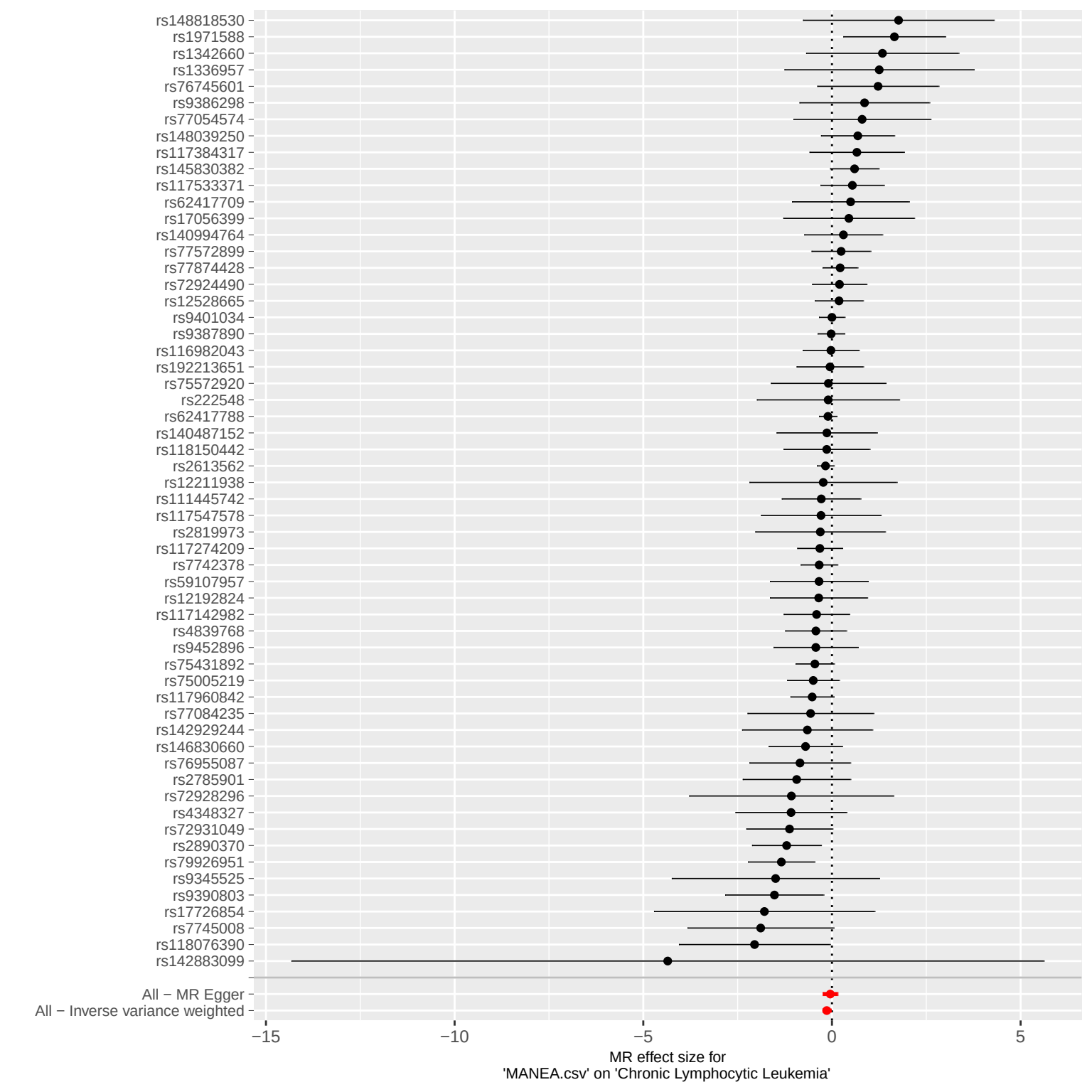
MR effect size for
'MAN2C1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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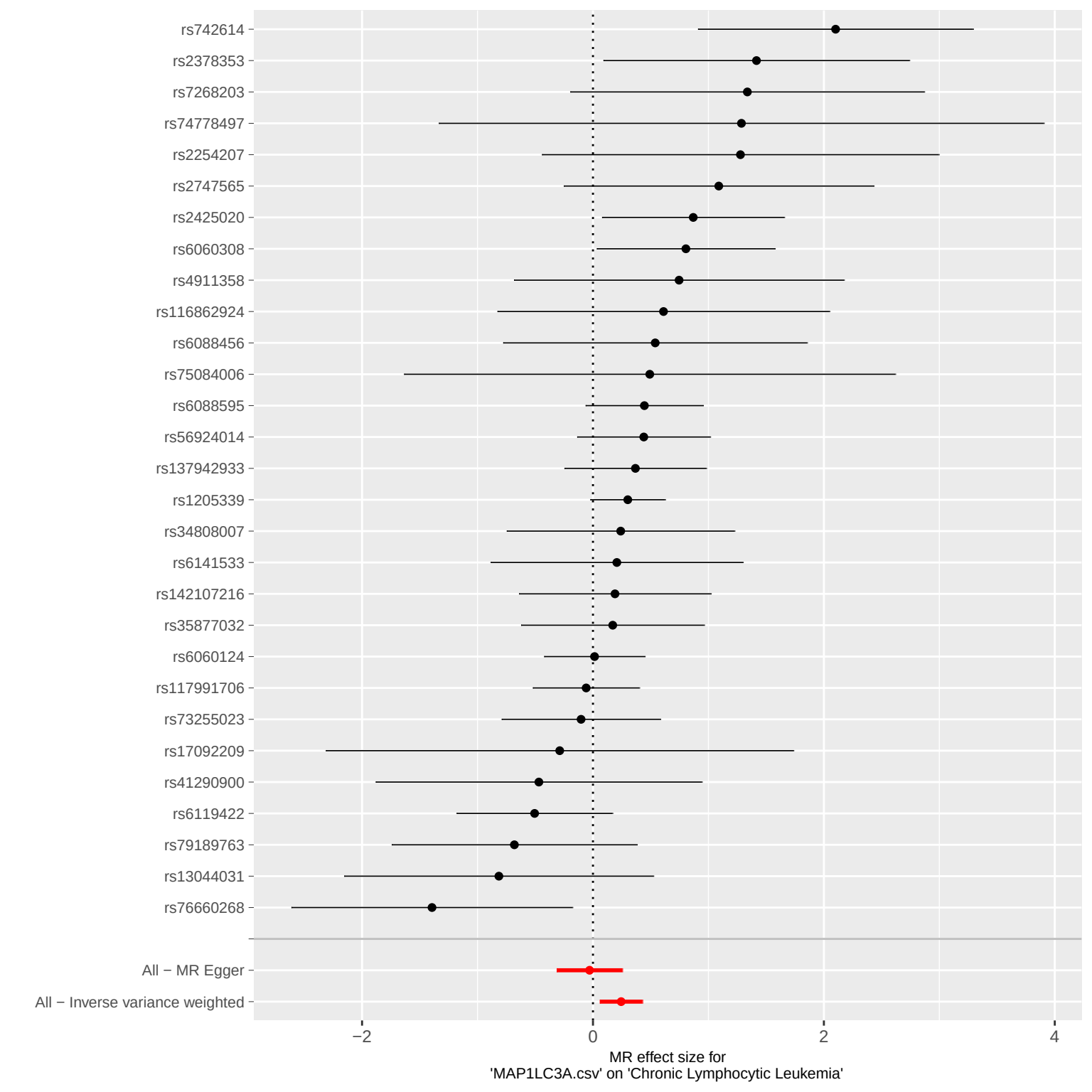
5
MR effect size for
'MANEA.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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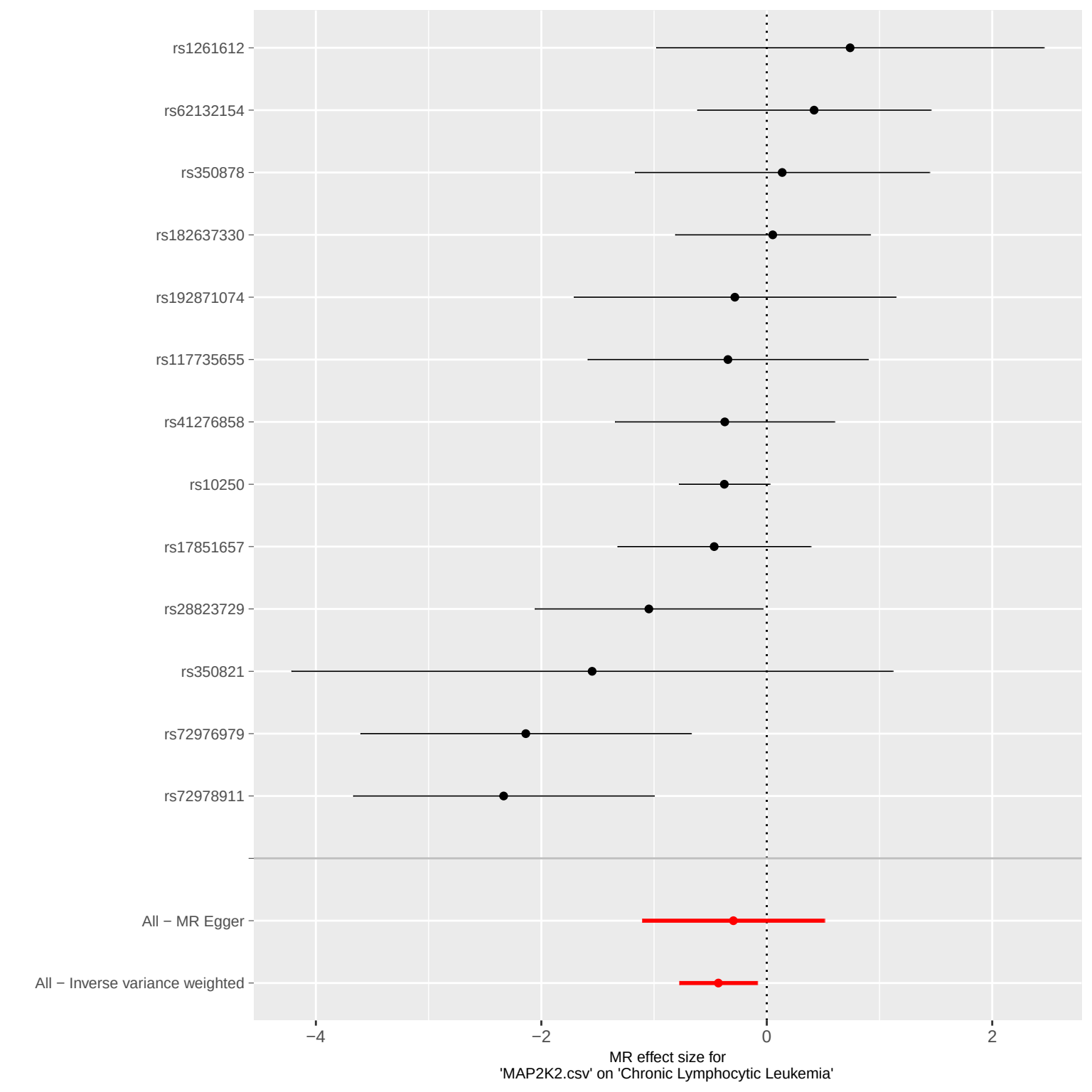
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rs72976979
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All − MR Egger
All − Inverse variance weighted
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−2
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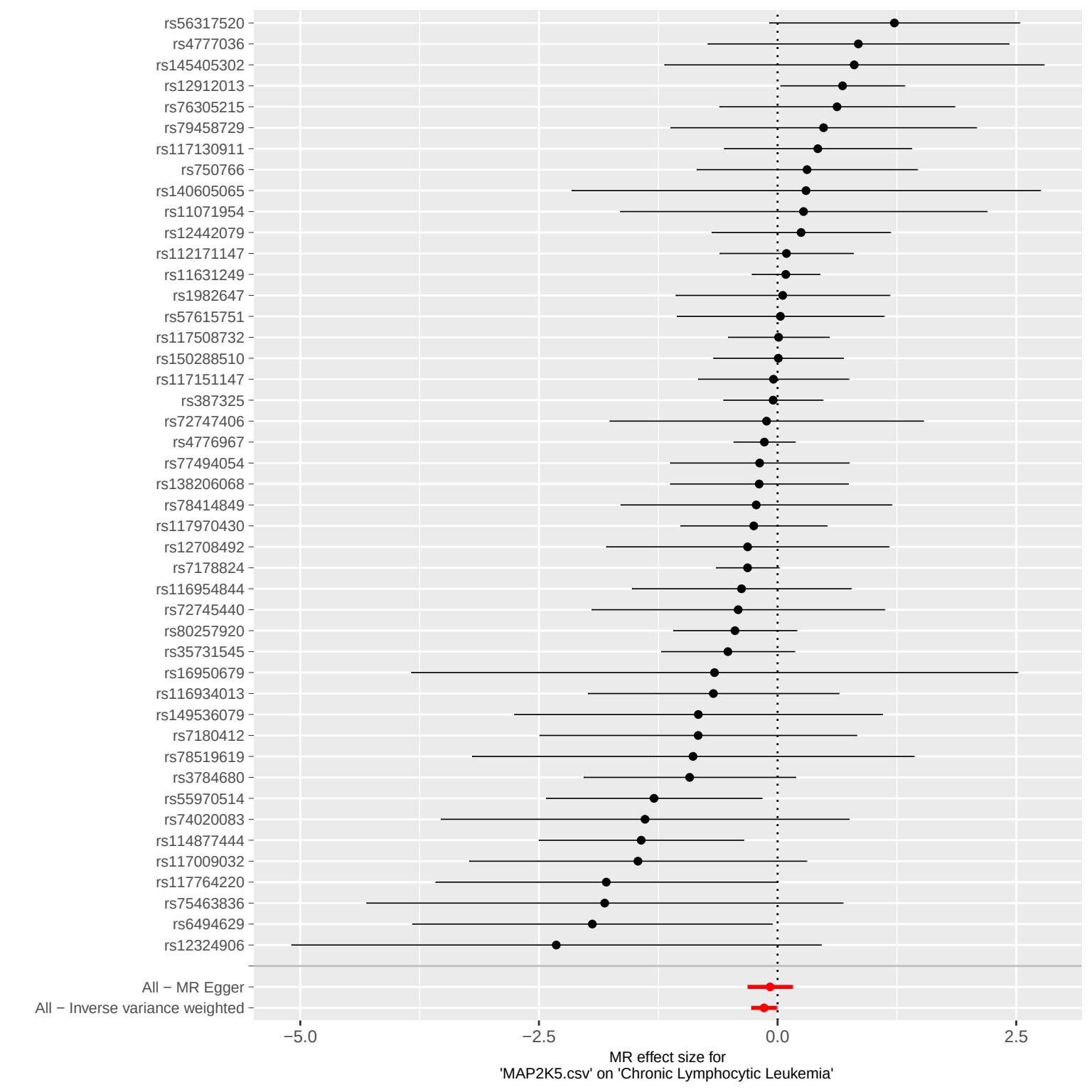
2
MR effect size for
'MAP2K2.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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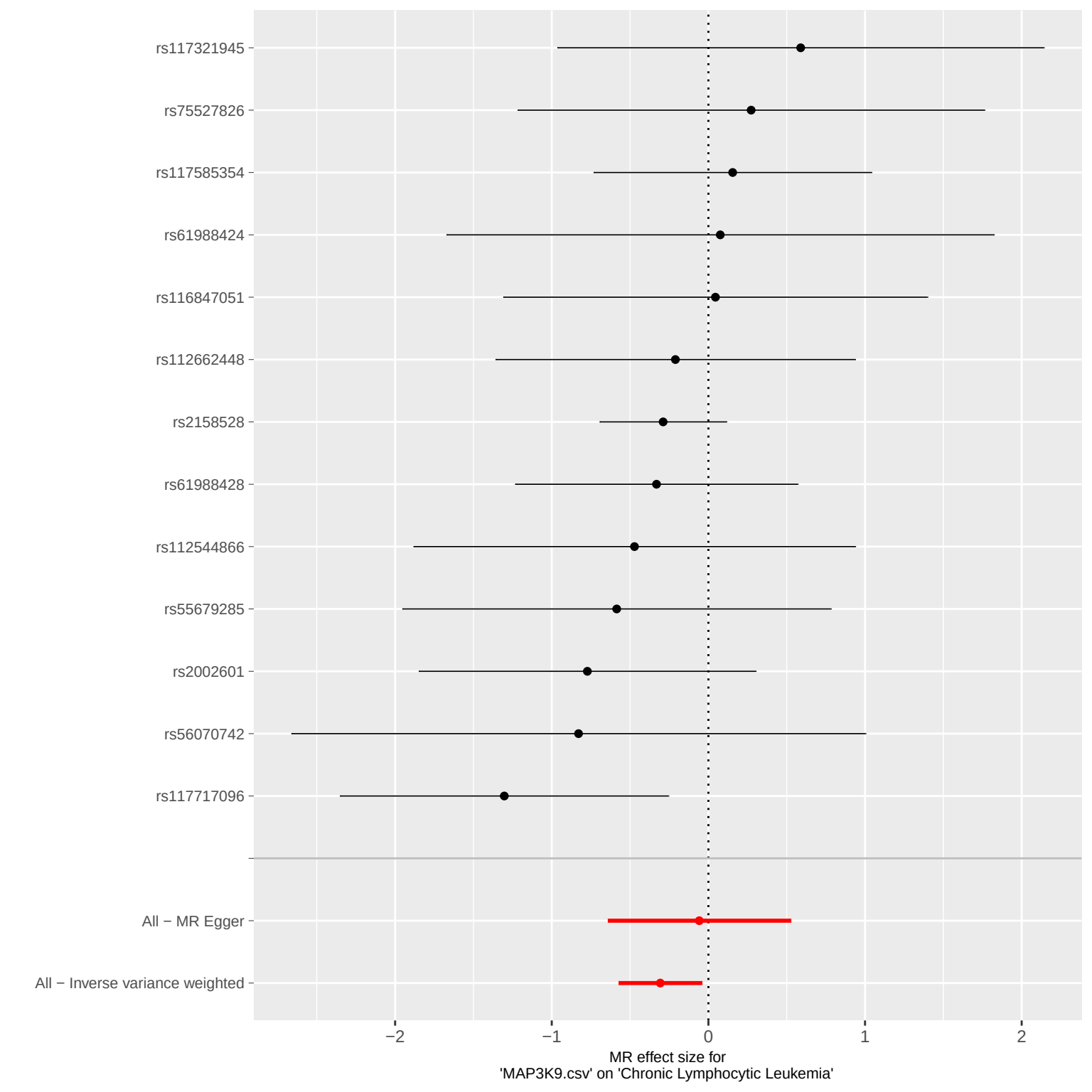
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All − MR Egger
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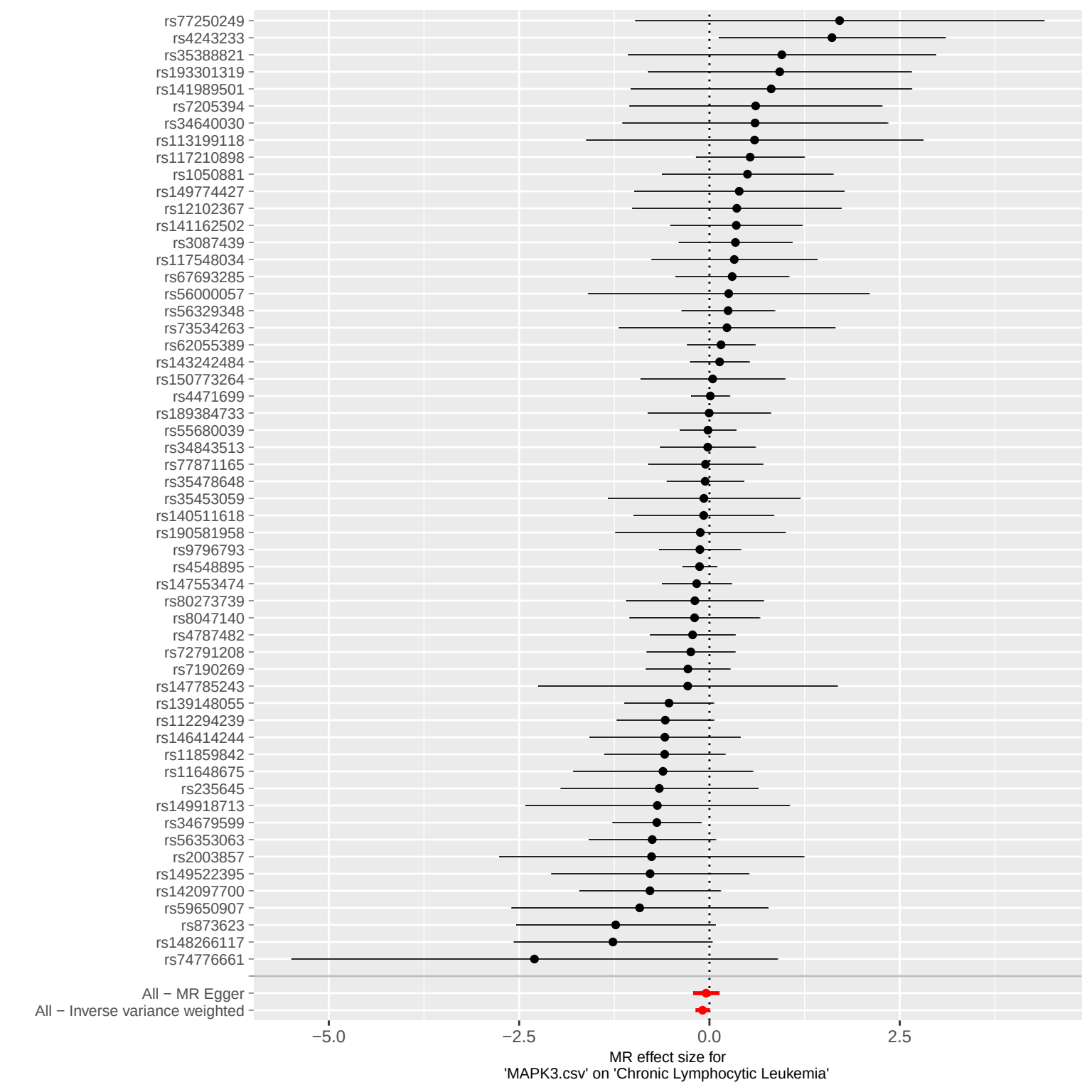
−1
0
1
2
MR effect size for
'MAP3K9.csv' on 'Chronic Lymphocytic Leukemia'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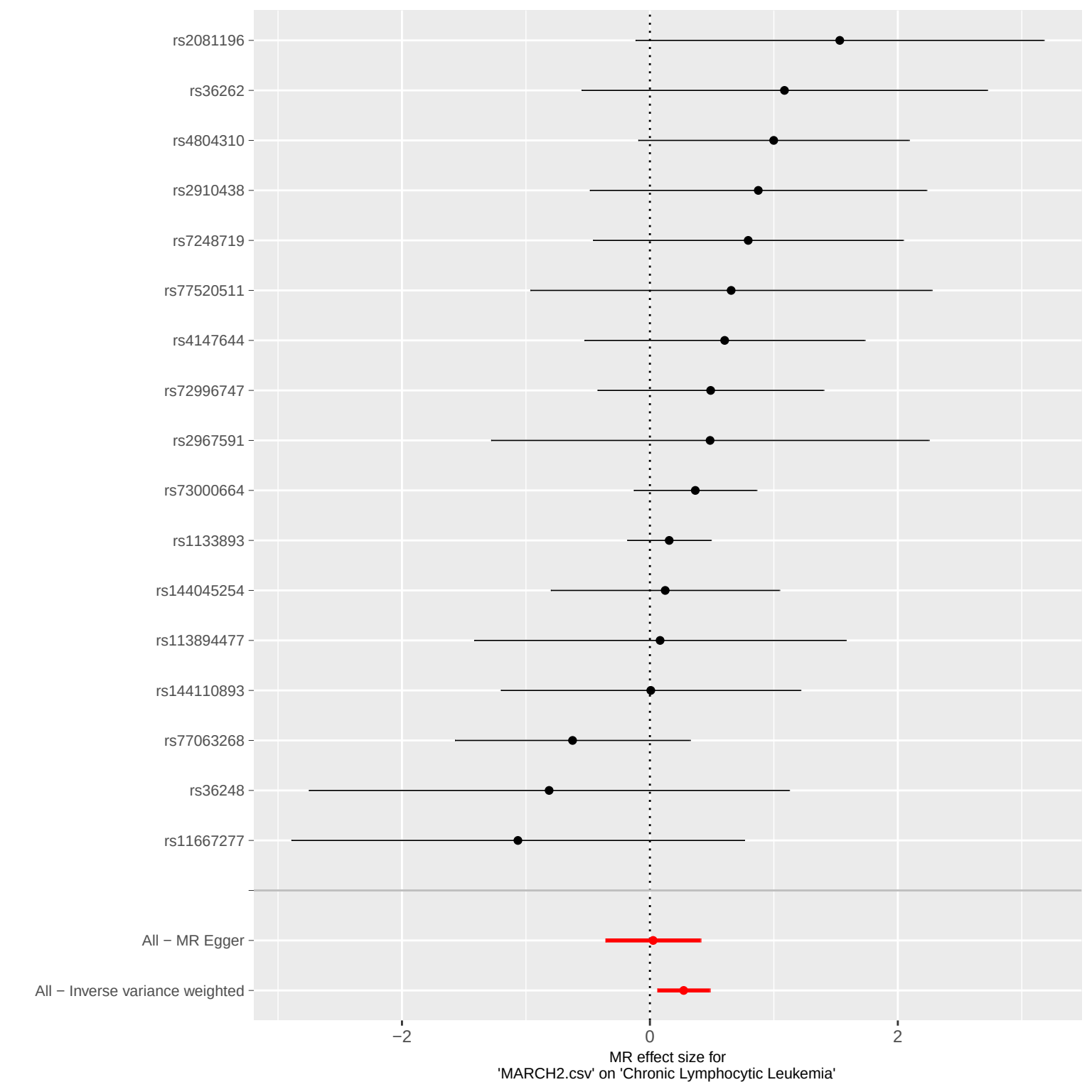
2.5
MR effect size for
'MAPK3.csv' on 'Chronic Lymphocytic Leukemia'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rs113894477
rs144110893
rs77063268
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All − MR Egger
All − Inverse variance weighted
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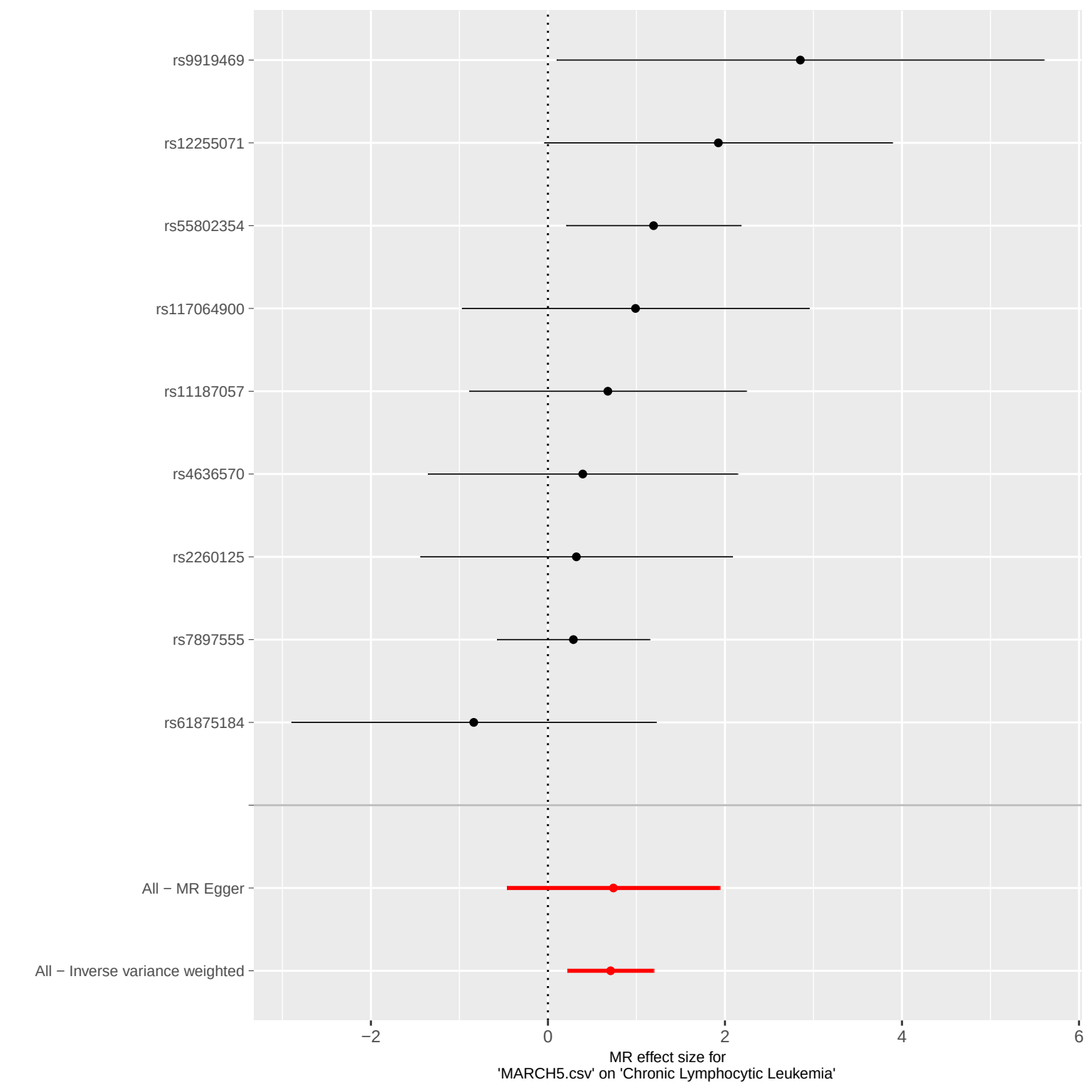
0
2
MR effect size for
'MARCH2.csv' on 'Chronic Lymphocytic Leukemia'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6
MR effect size for
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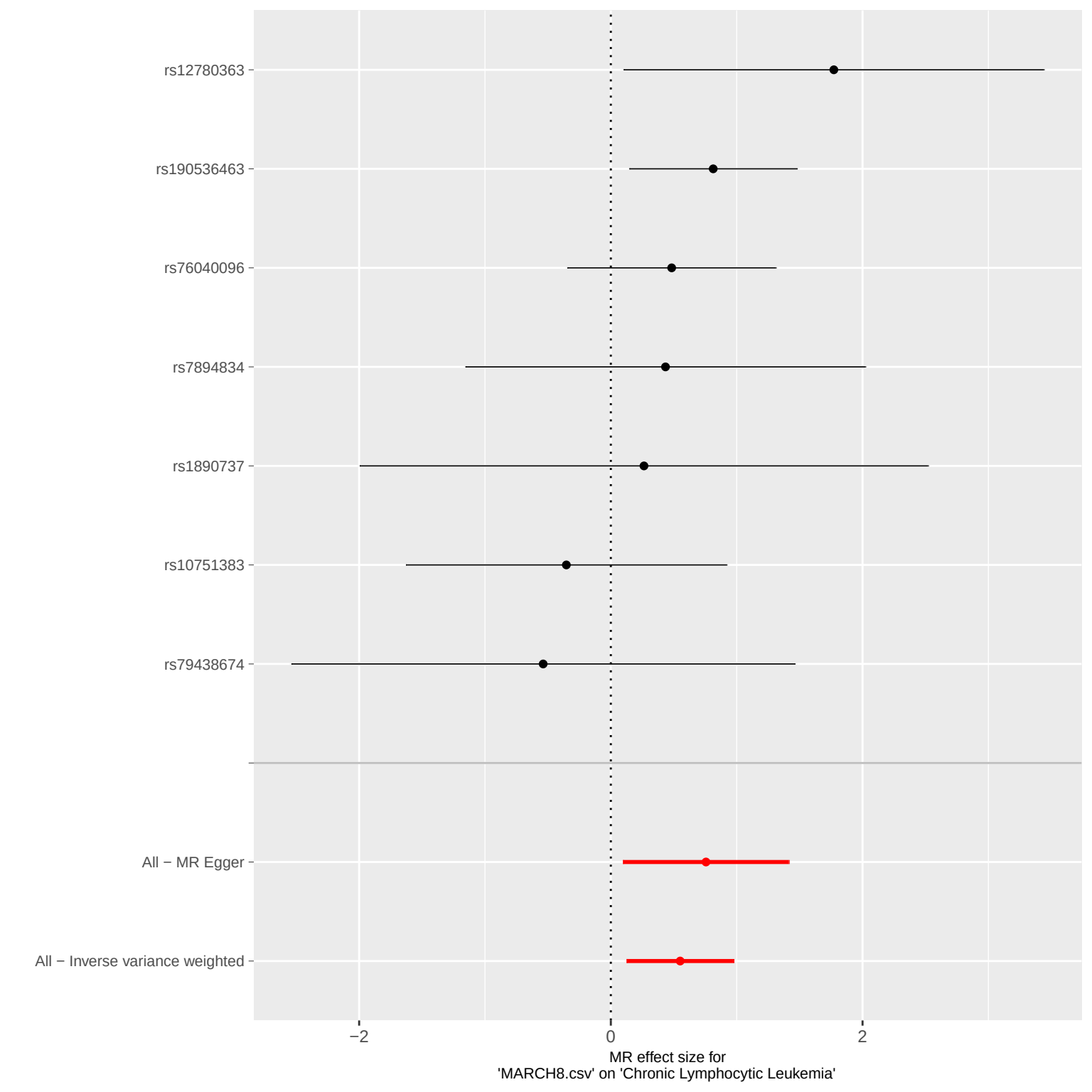
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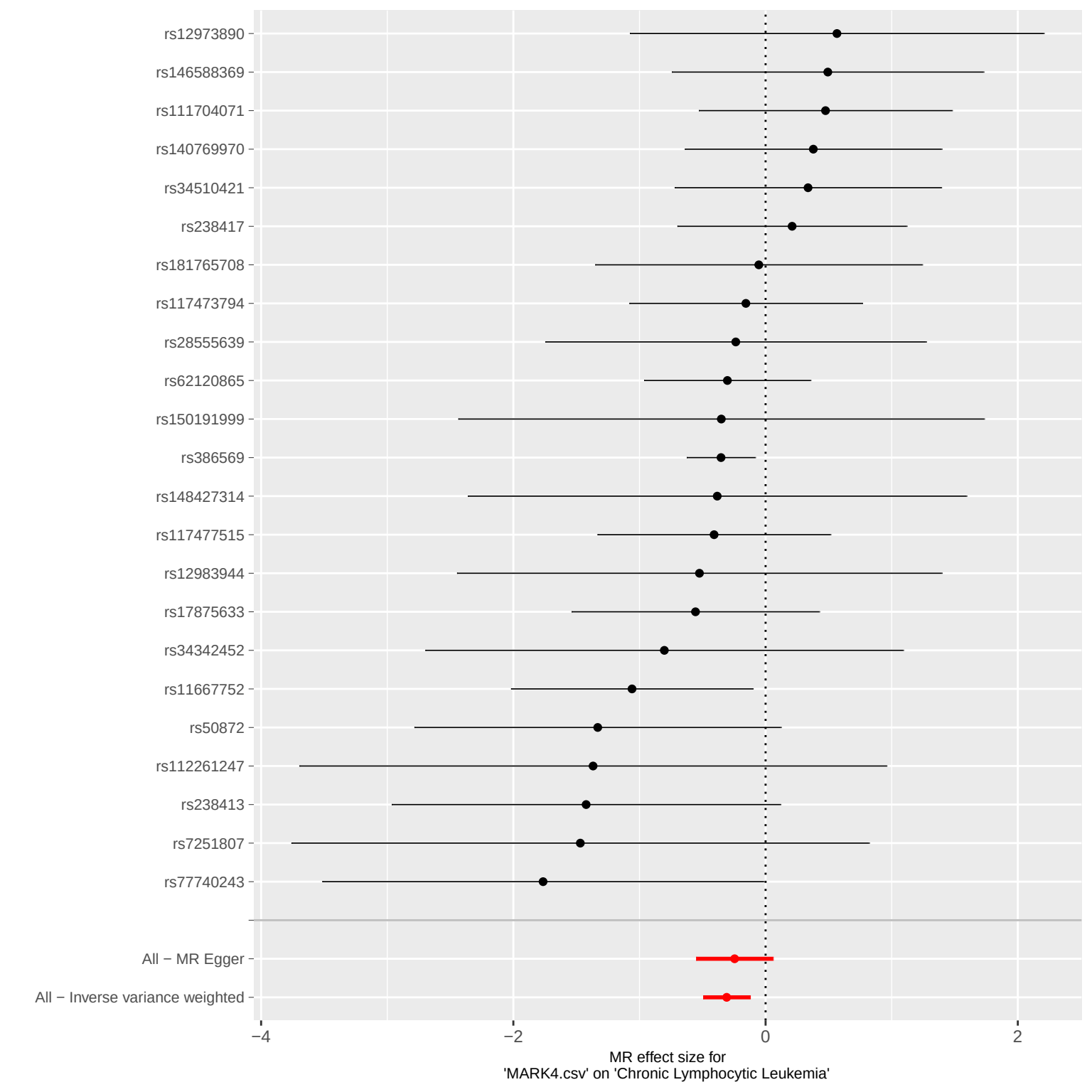
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'MARCH8.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
−4
−2
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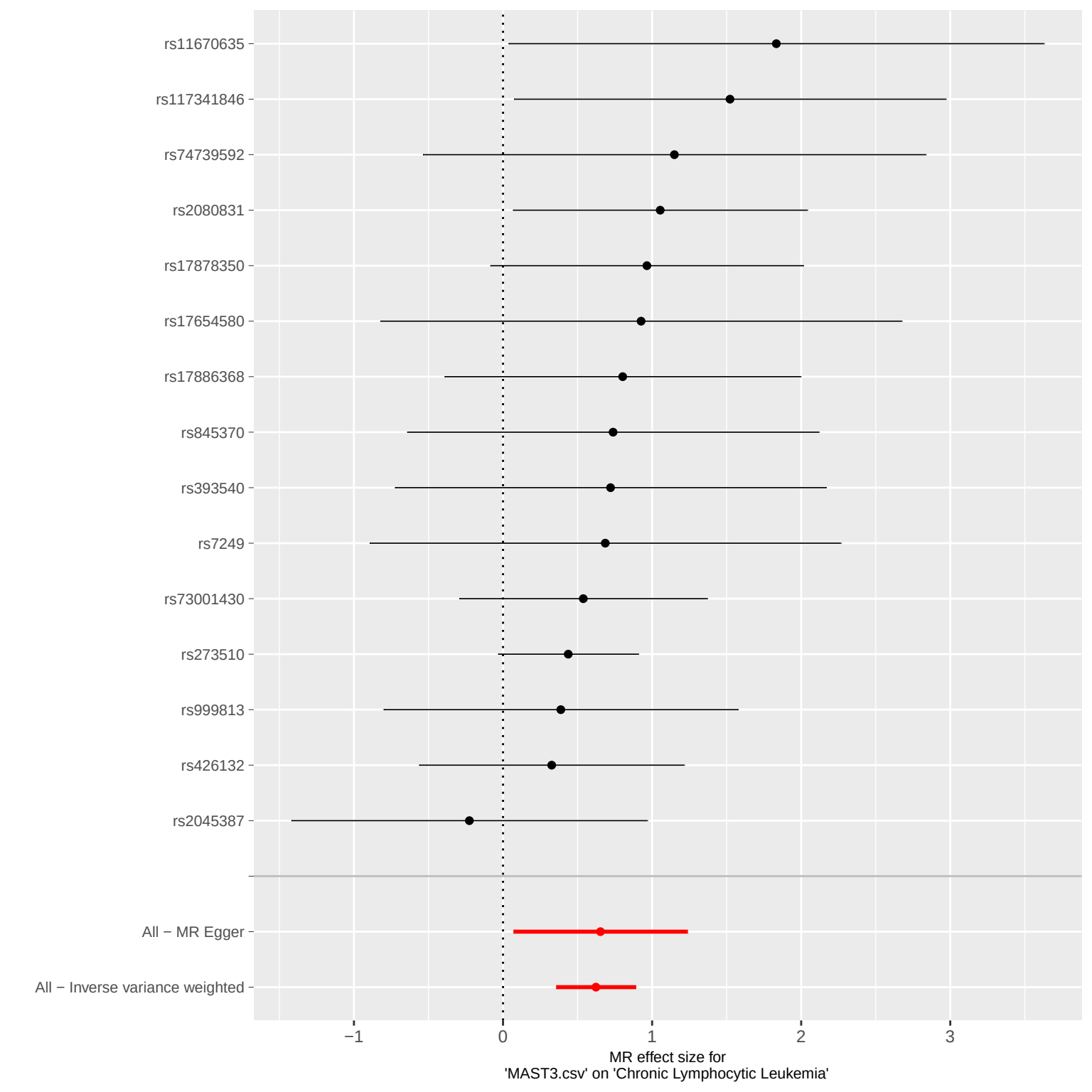
2
MR effect size for
'MARK4.csv' on 'Chronic Lymphocytic Leukemia'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rs273510
rs999813
rs426132
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All − MR Egger
All − Inverse variance weighted
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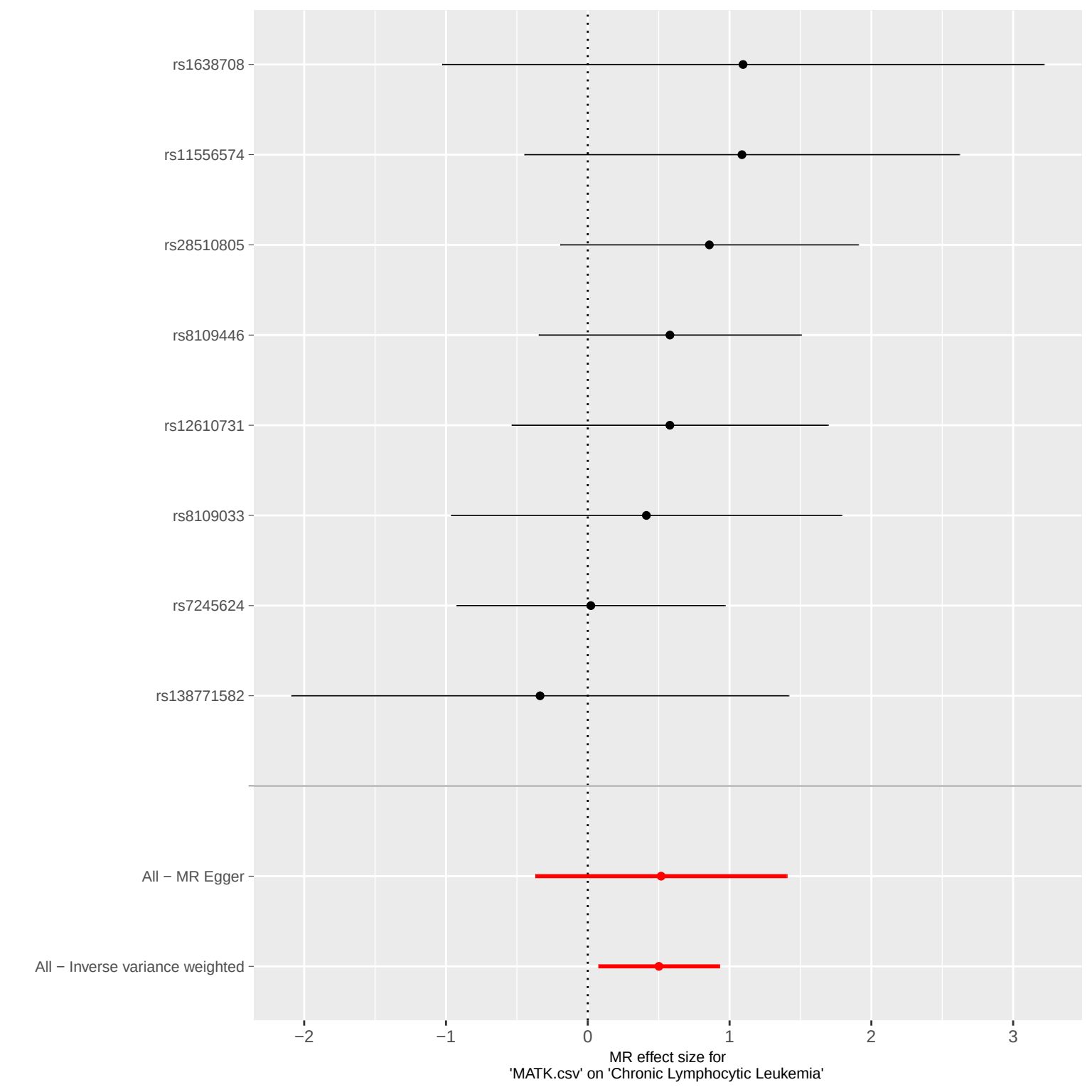
0
1
2
3
MR effect size for
'MAST3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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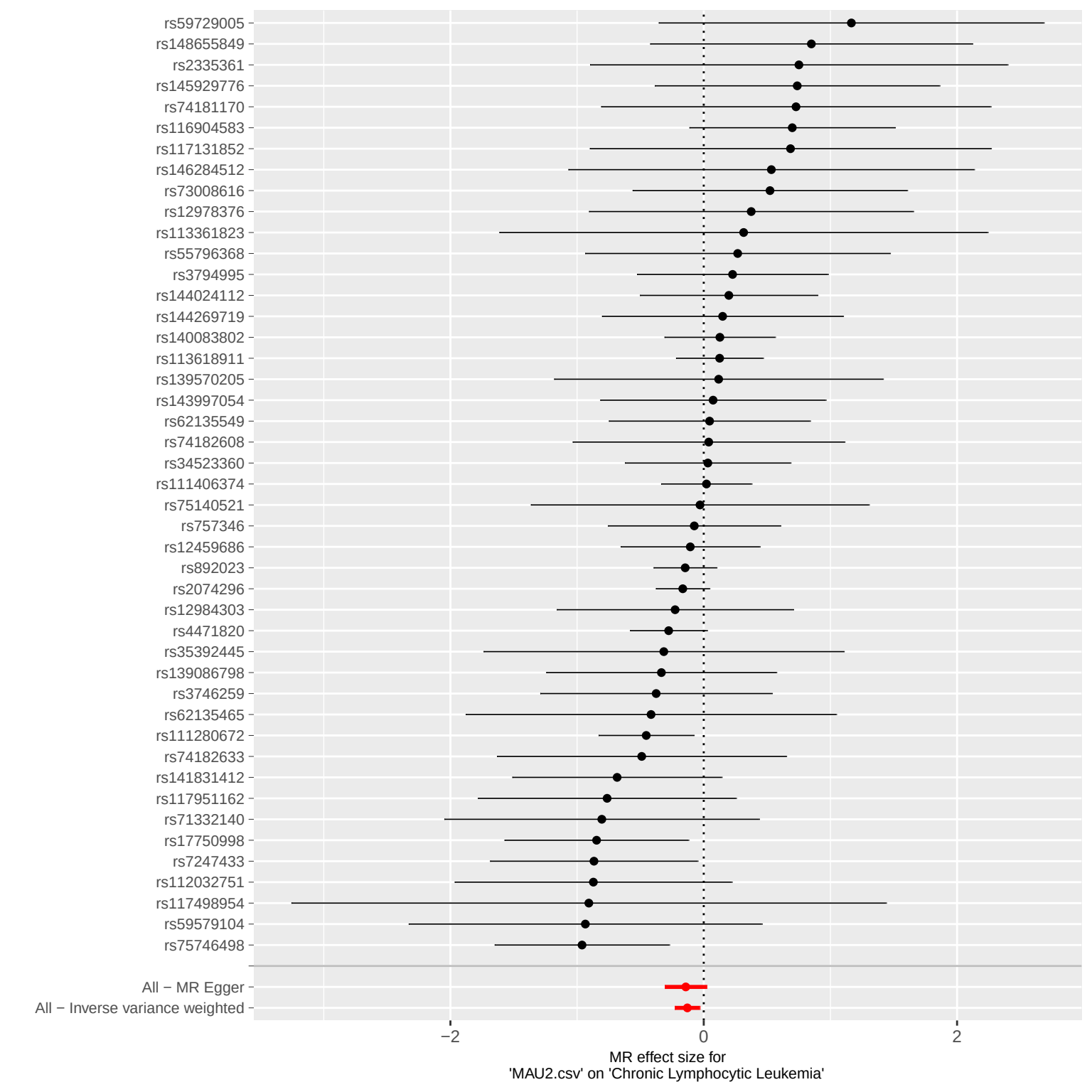
−1
0
1
2
3
MR effect size for
'MATK.csv' on 'Chronic Lymphocytic Leukemia'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rs117498954
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All − MR Egger
All − Inverse variance weighted
−2
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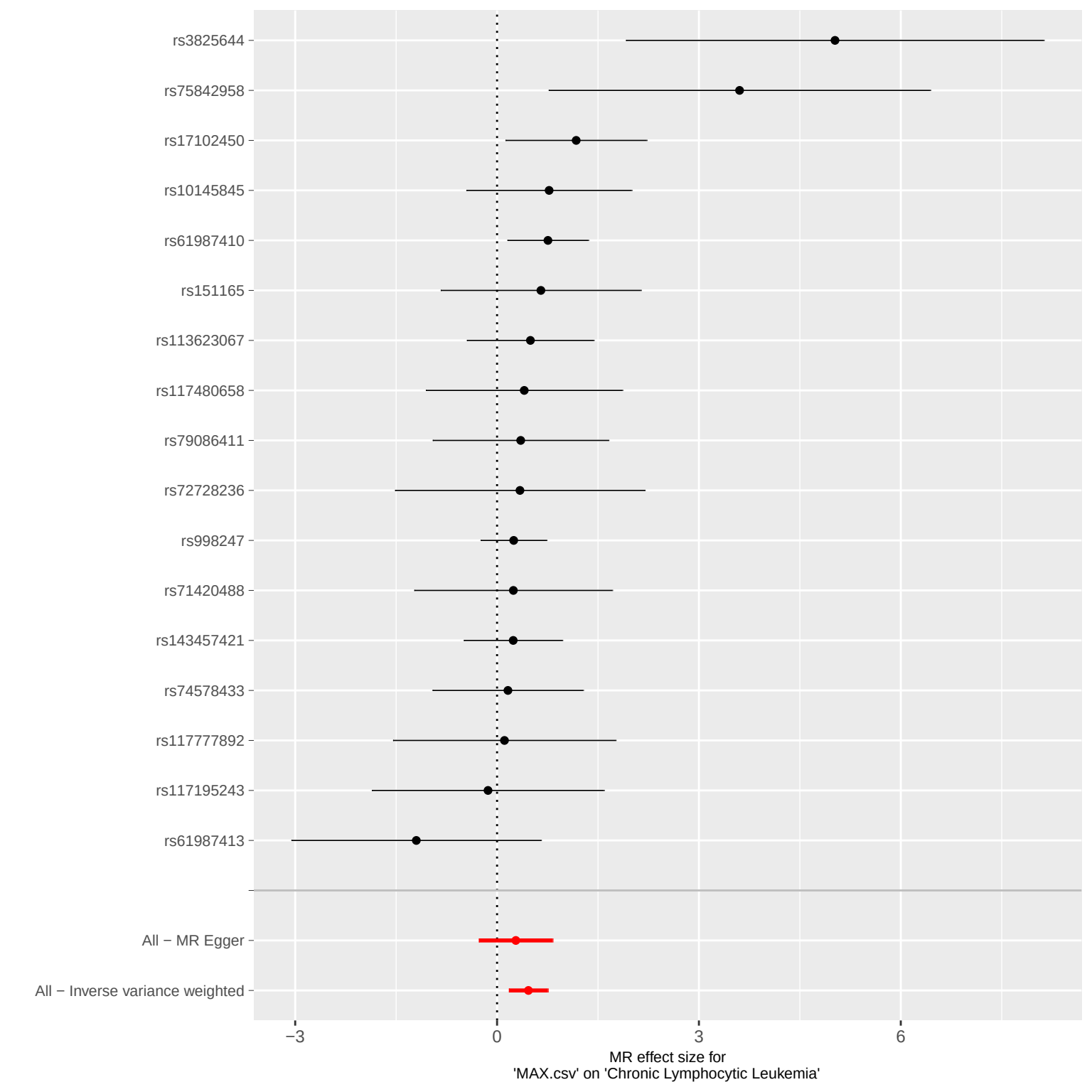
2
MR effect size for
'MAU2.csv' on 'Chronic Lymphocytic Leukemia'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rs117777892
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All − MR Egger
All − Inverse variance weighted
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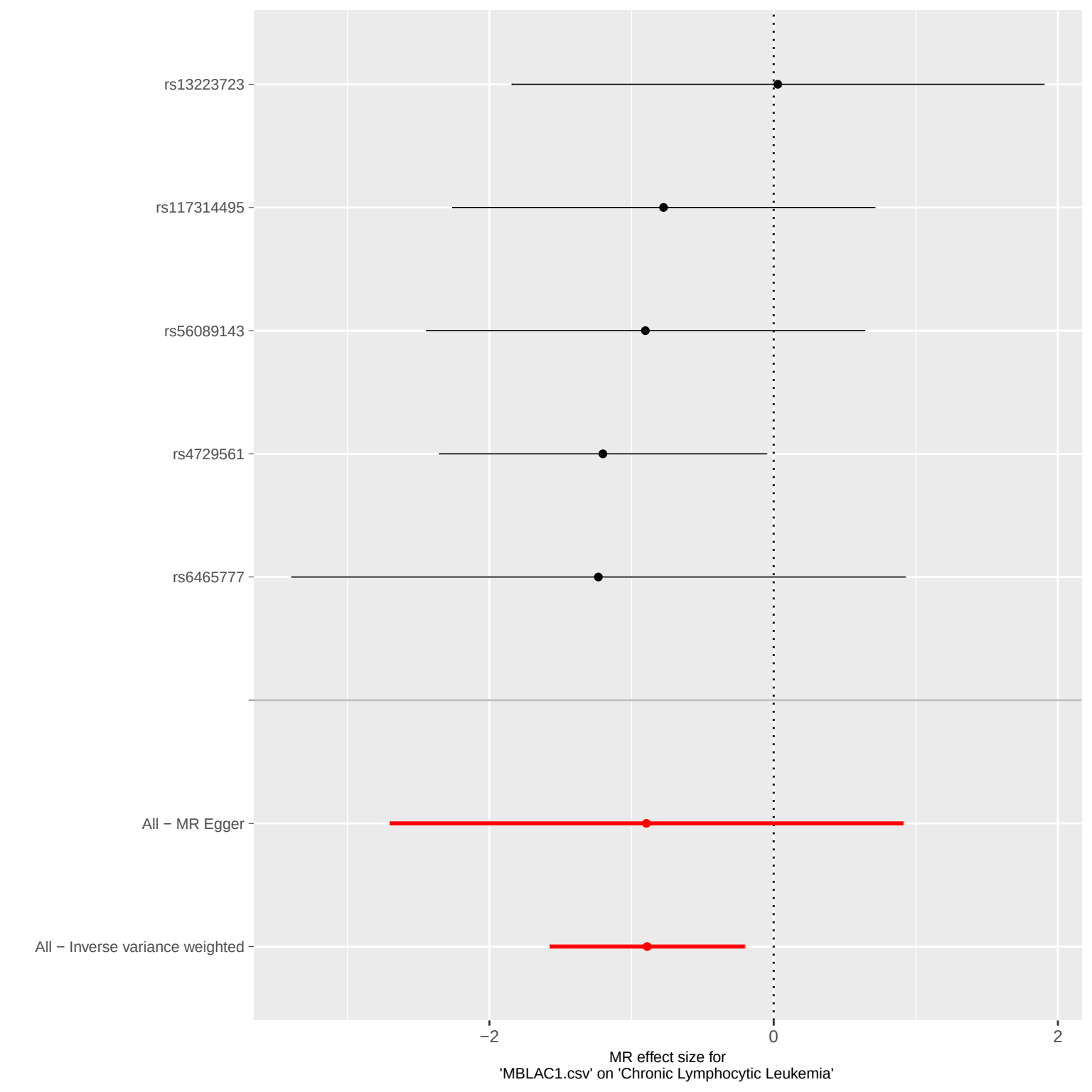
6
MR effect size for
'MAX.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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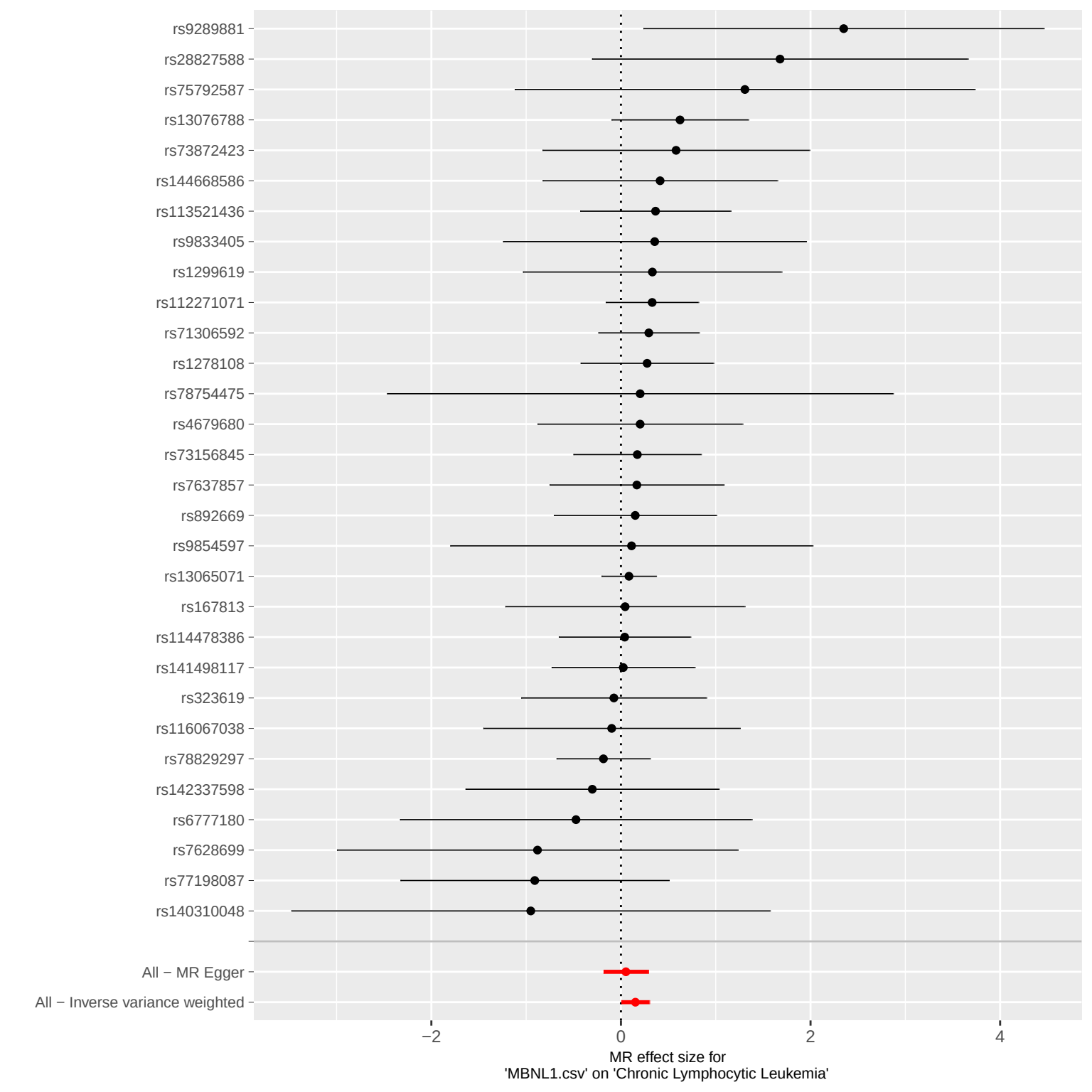
MR effect size for
'MBLAC1.csv' on 'Chronic Lymphocytic Leukemia'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rs141498117
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rs78829297
rs142337598
rs6777180
rs7628699
rs77198087
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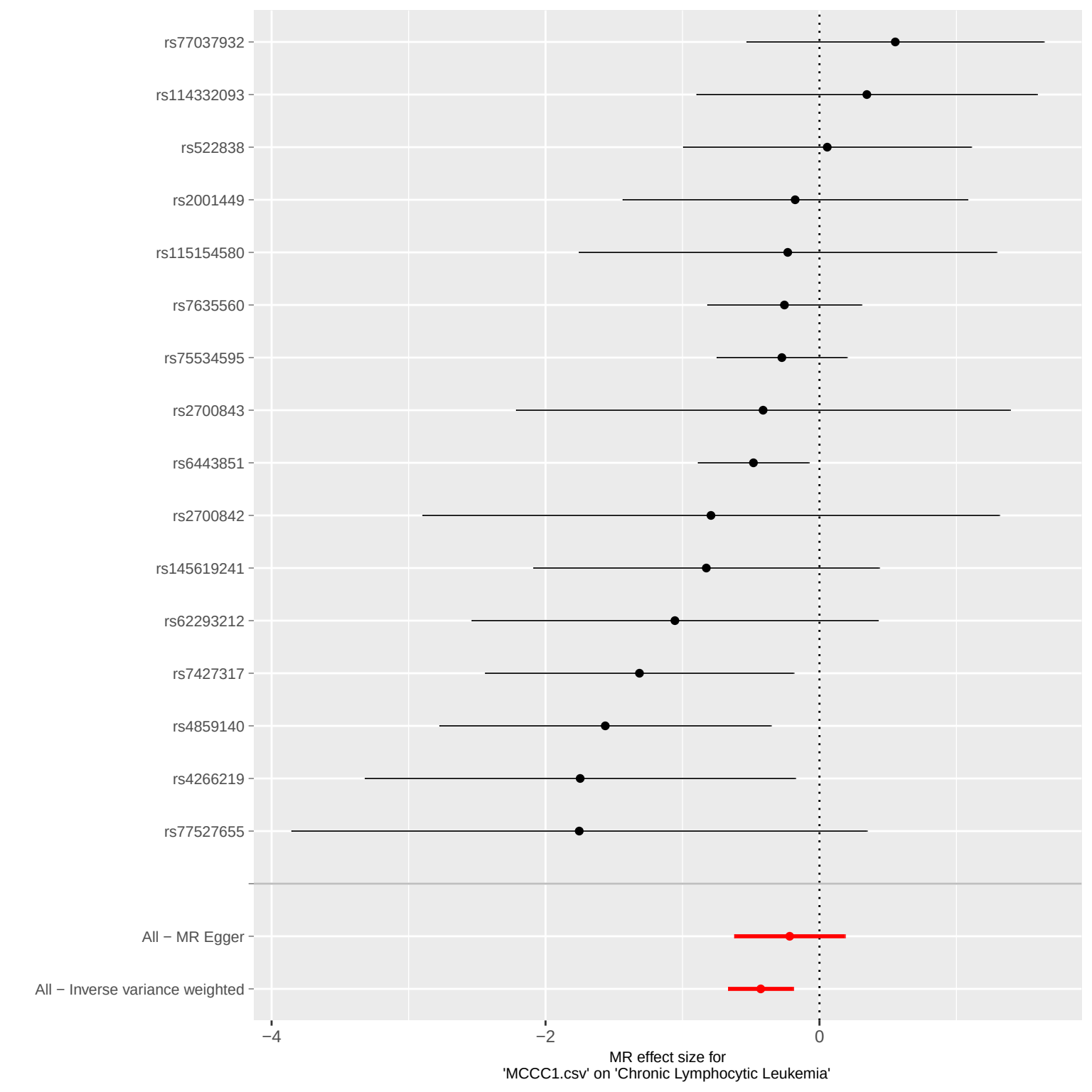
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'MBNL1.csv' on 'Chronic Lymphocytic Leukemia'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rs62293212
rs7427317
rs4859140
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All − MR Egger
All − Inverse variance weighted
−4
−2
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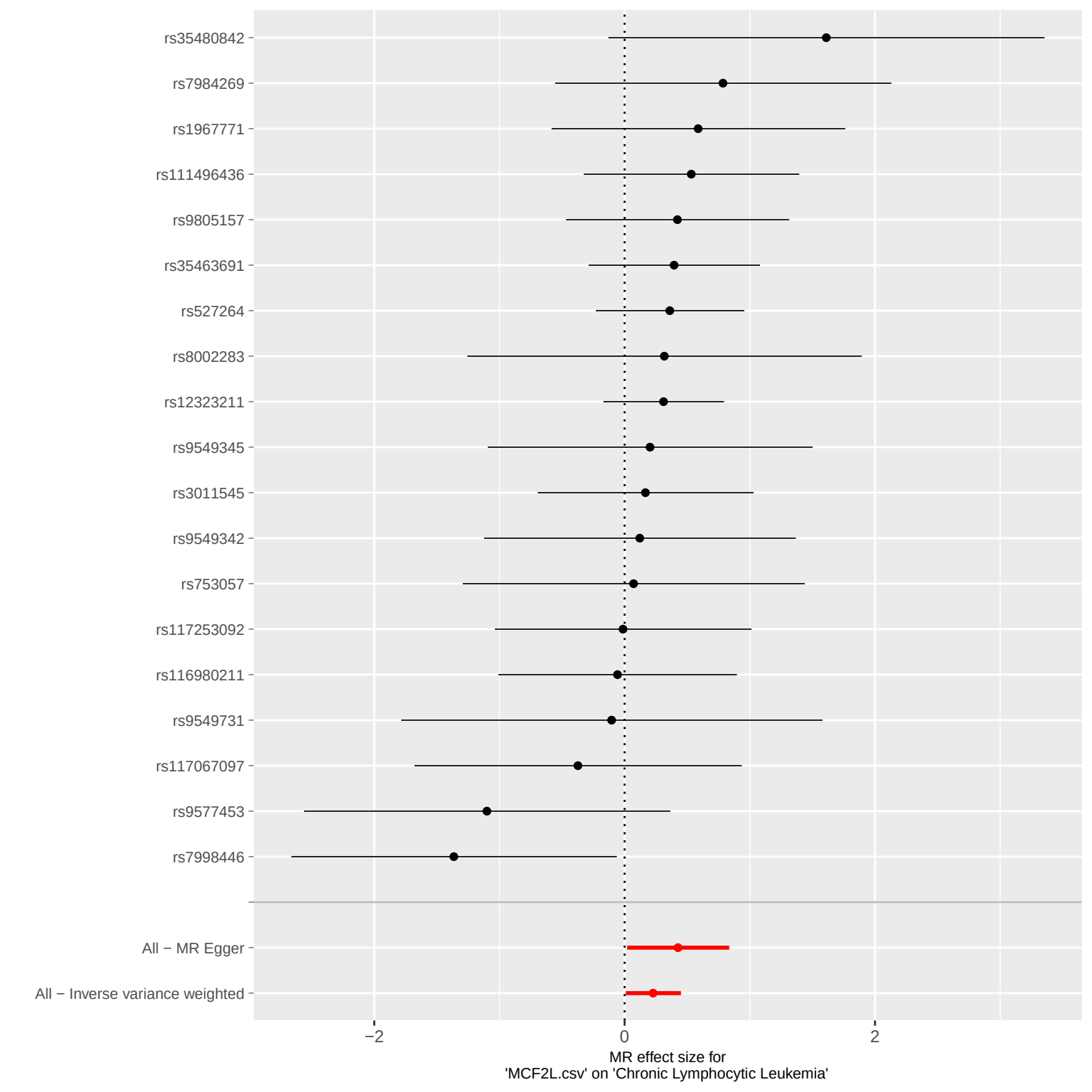
MR effect size for
'MCCC1.csv' on 'Chronic Lymphocytic Leukemia'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rs117253092
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rs9549731
rs117067097
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All − MR Egger
All − Inverse variance weighted
−2
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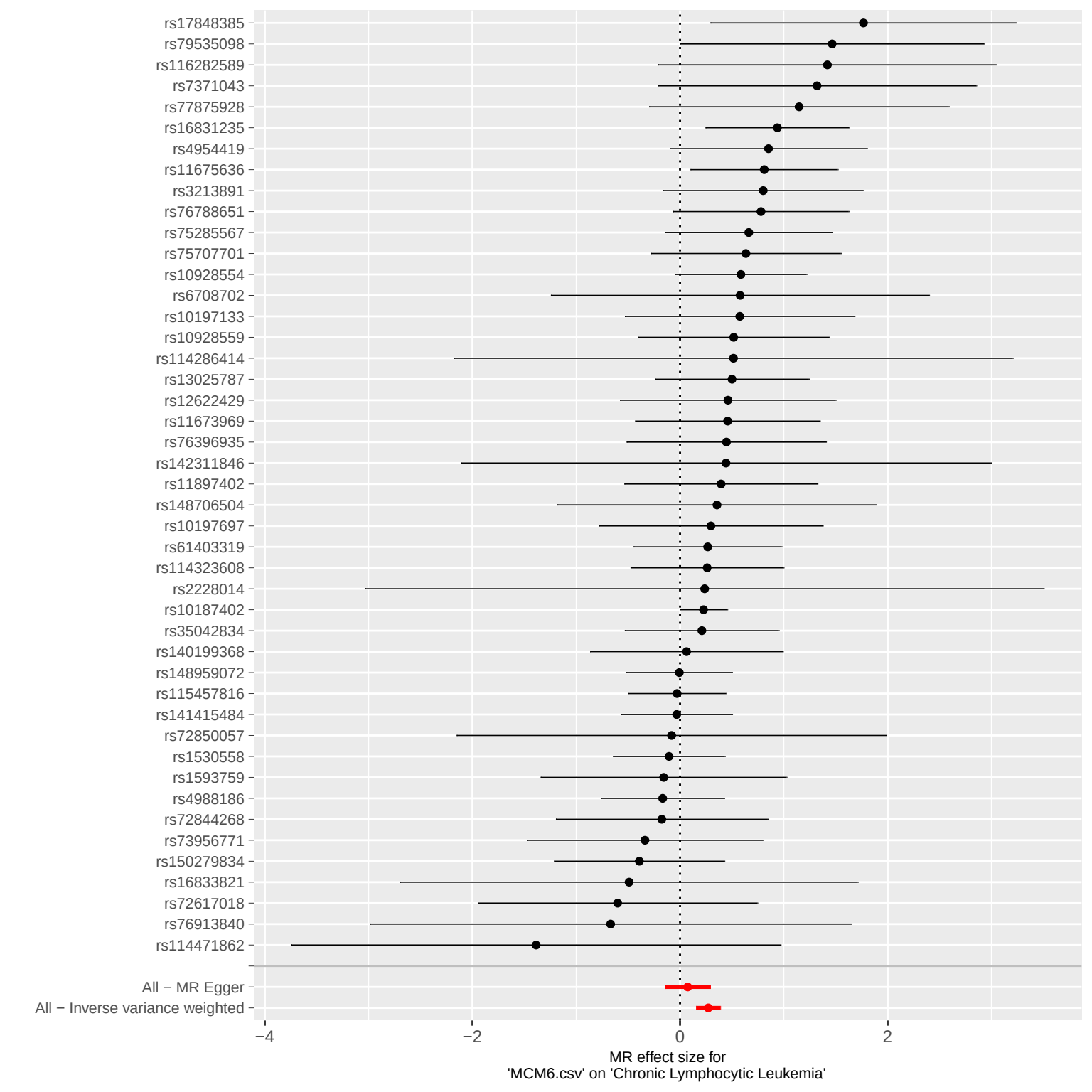
MR effect size for
'MCF2L.csv' on 'Chronic Lymphocytic Leukemia'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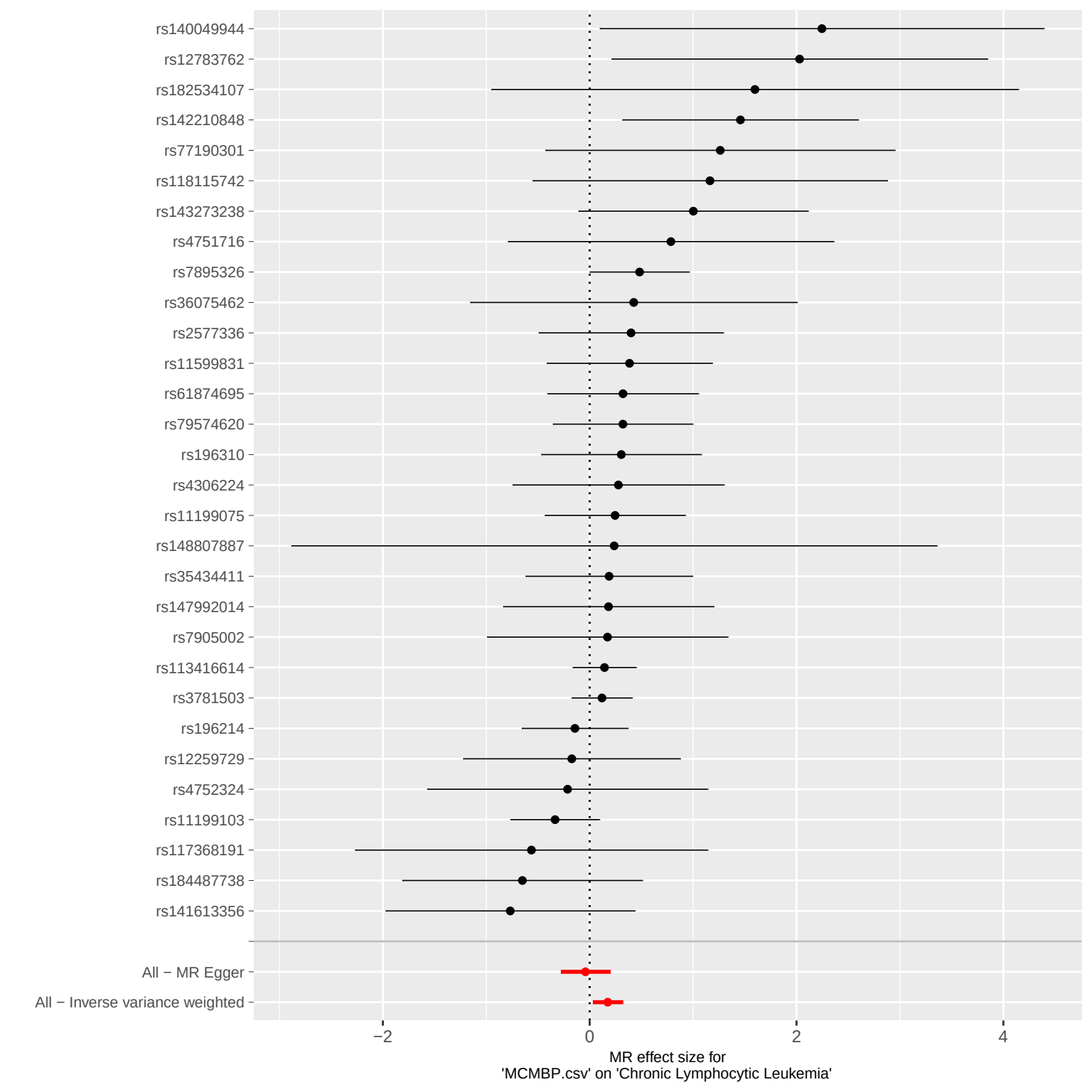
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MCM6.csv' on 'Chronic Lymphocytic Leukemia'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rs11599831
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rs79574620
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rs4306224
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rs113416614
rs3781503
rs196214
rs12259729
rs4752324
rs11199103
rs117368191
rs184487738
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All − MR Egger
All − Inverse variance weighted
−2
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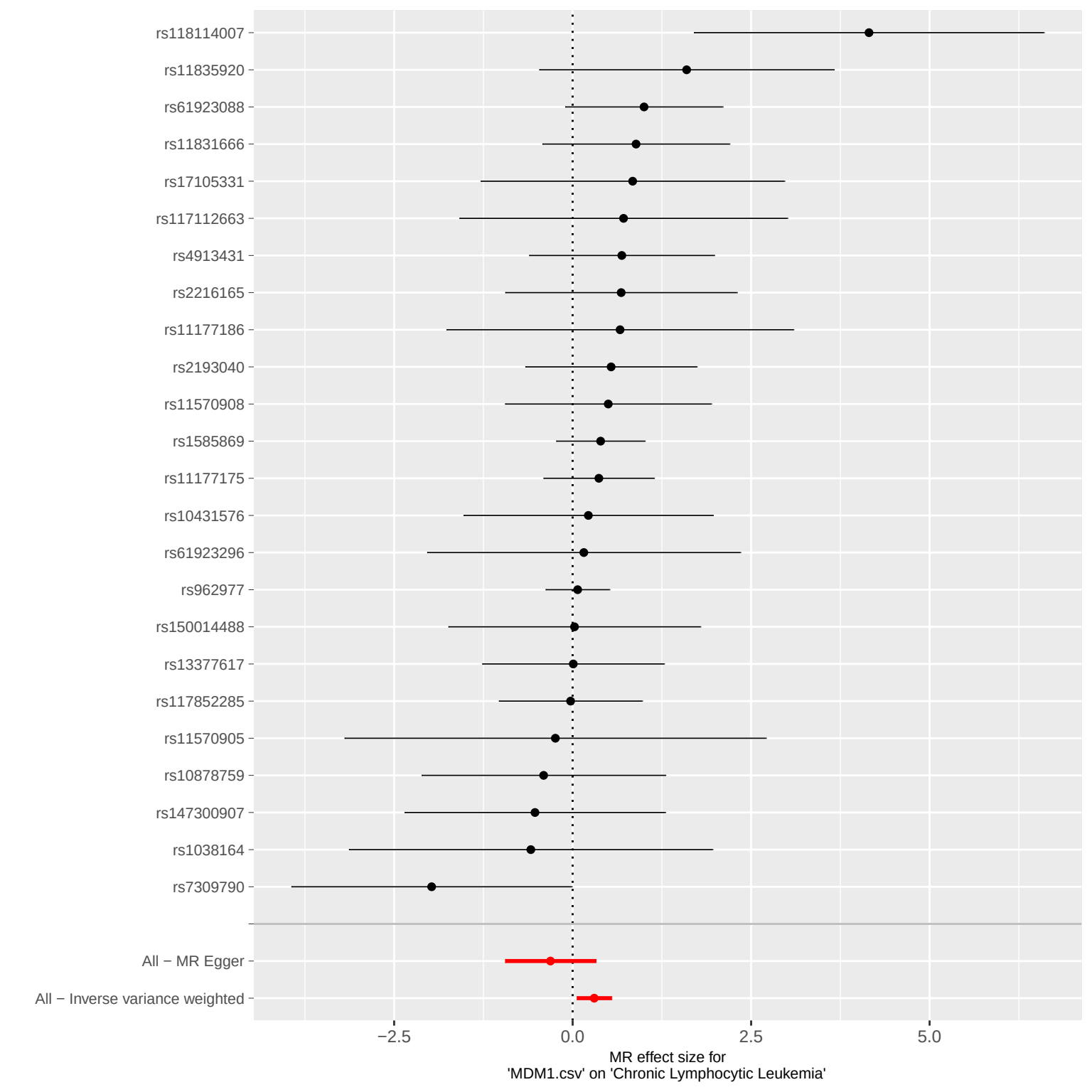
2
4
MR effect size for
'MCMBP.csv' on 'Chronic Lymphocytic Leukemia'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rs962977
rs150014488
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rs11570905
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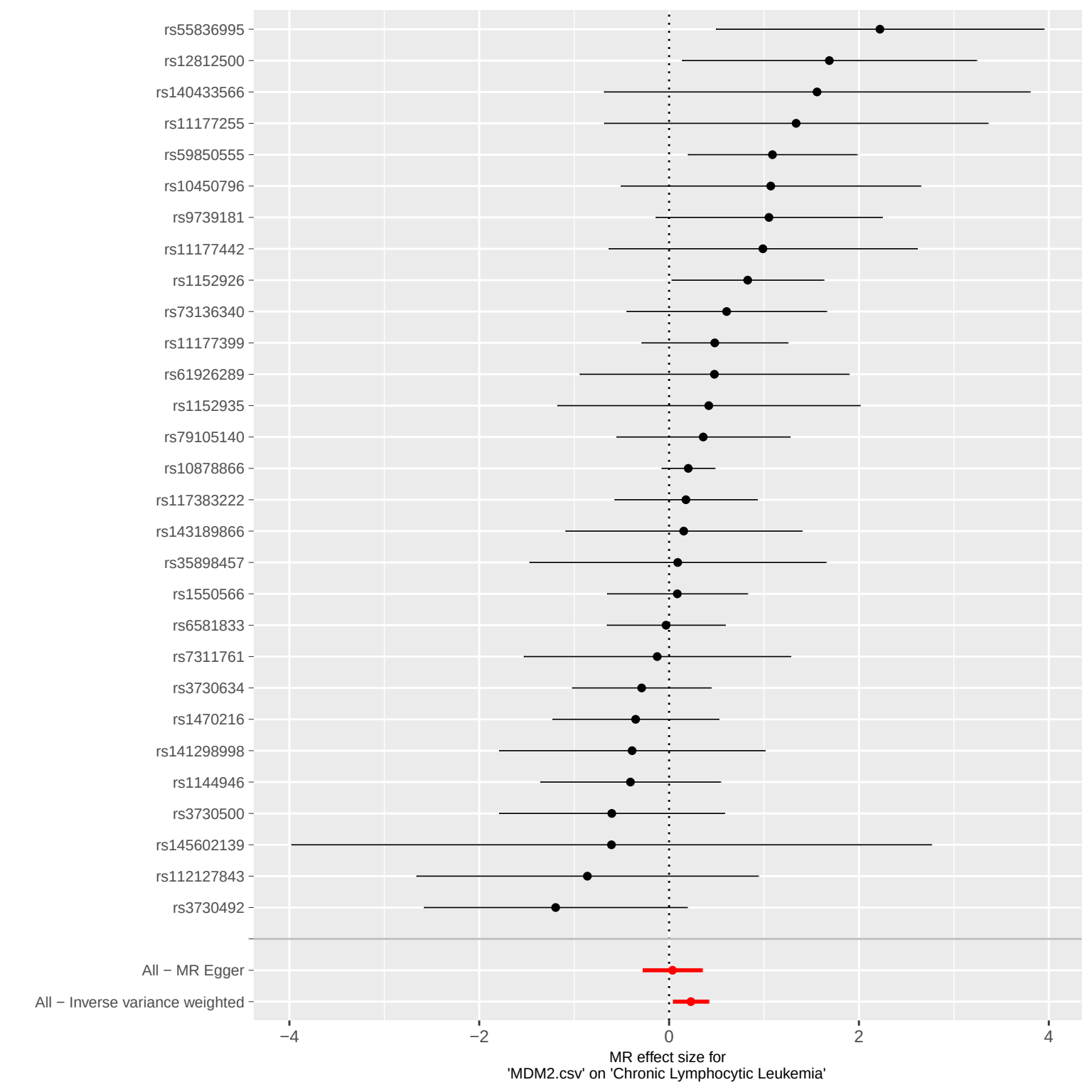
rs1038164
rs7309790
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'MDM1.csv' on 'Chronic Lymphocytic Leukemia'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rs79105140
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rs117383222
rs143189866
rs35898457
rs1550566
rs6581833
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rs141298998
rs1144946
rs3730500
rs145602139
rs112127843
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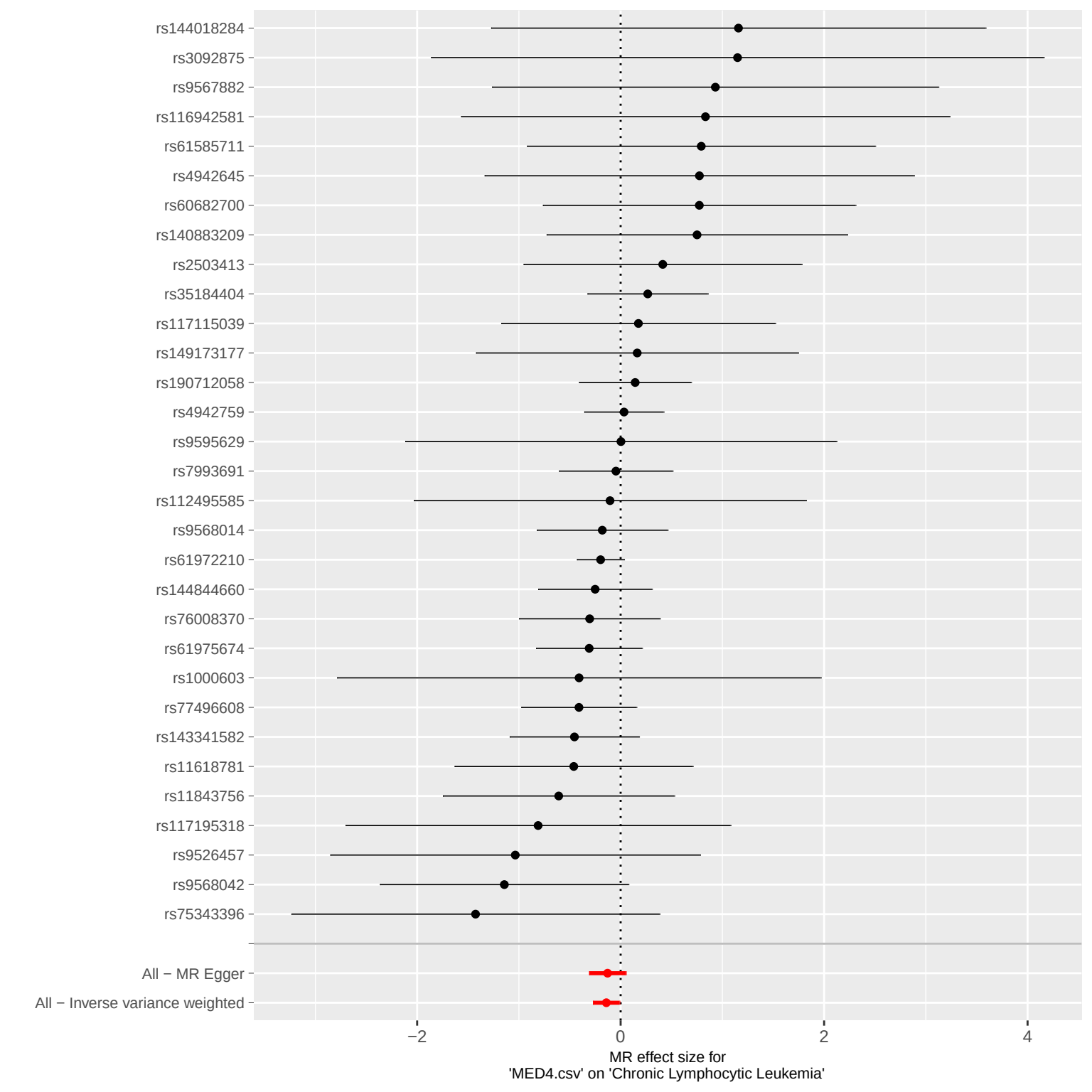
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'MDM2.csv' on 'Chronic Lymphocytic Leukemia'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rs117195318
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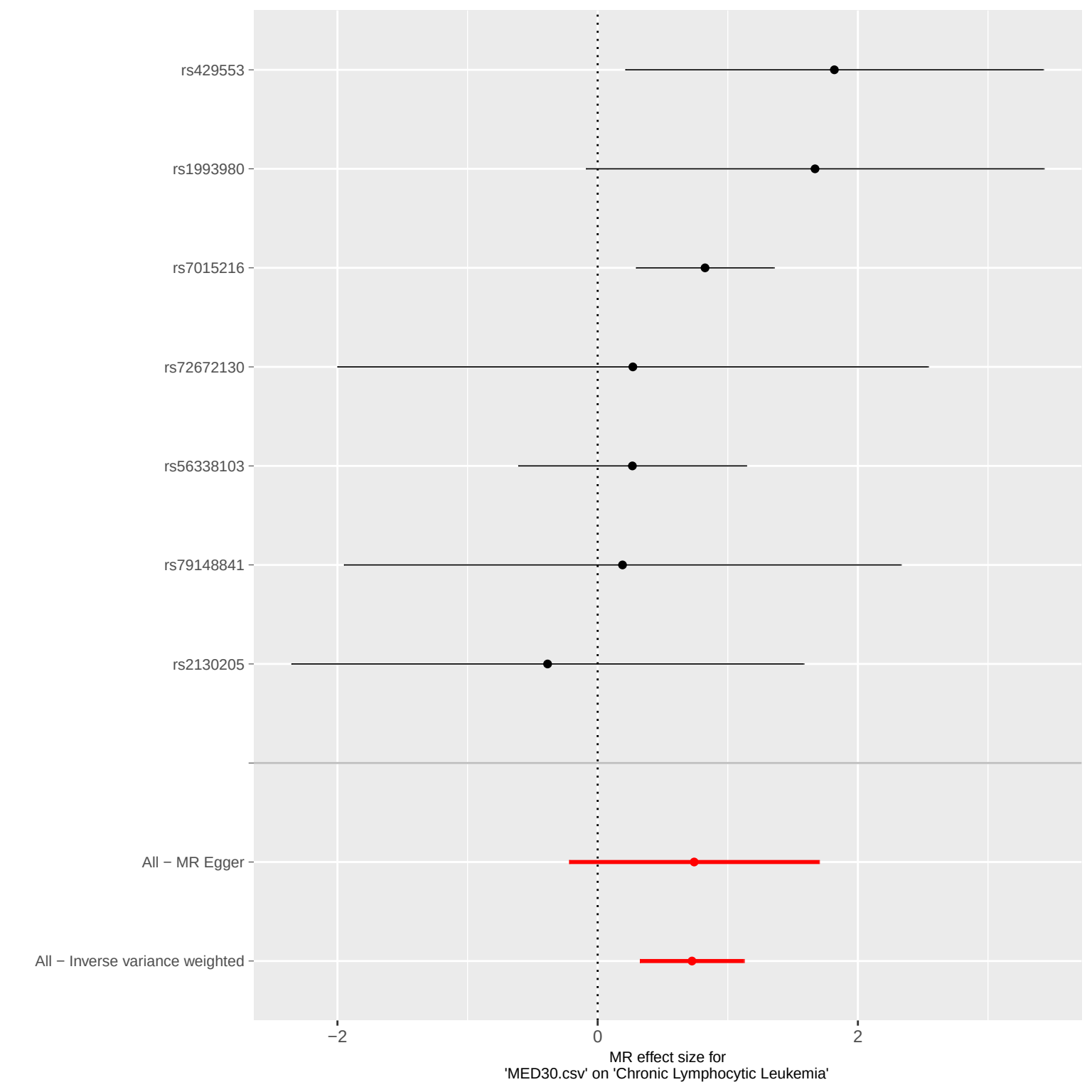
rs9568042
rs75343396
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'MED4.csv' on 'Chronic Lymphocytic Leukemia'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rs1993980
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rs72672130
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All − MR Egger
All − Inverse variance weighted
−2
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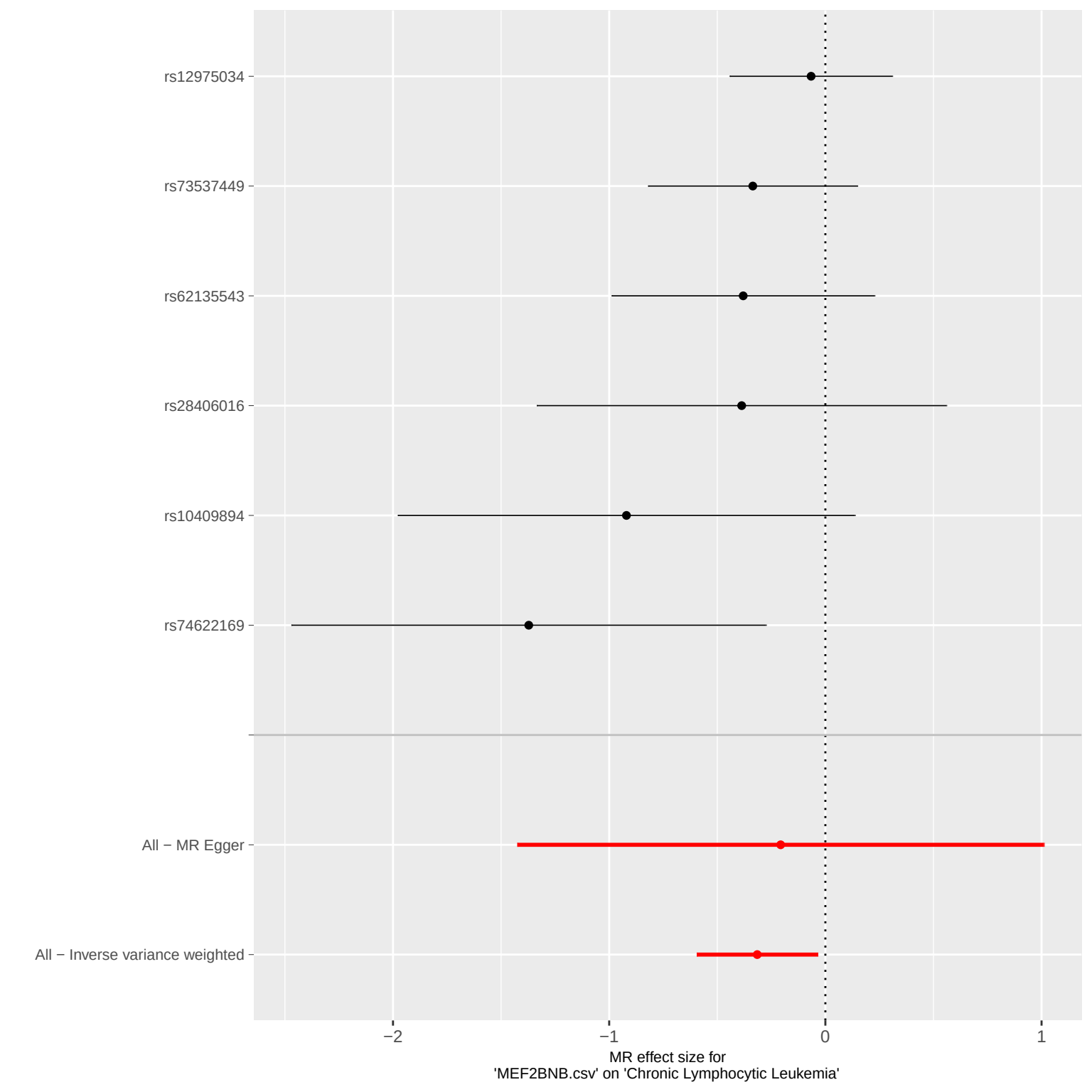
2
MR effect size for
'MED30.csv' on 'Chronic Lymphocytic Leukemia'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rs10409894
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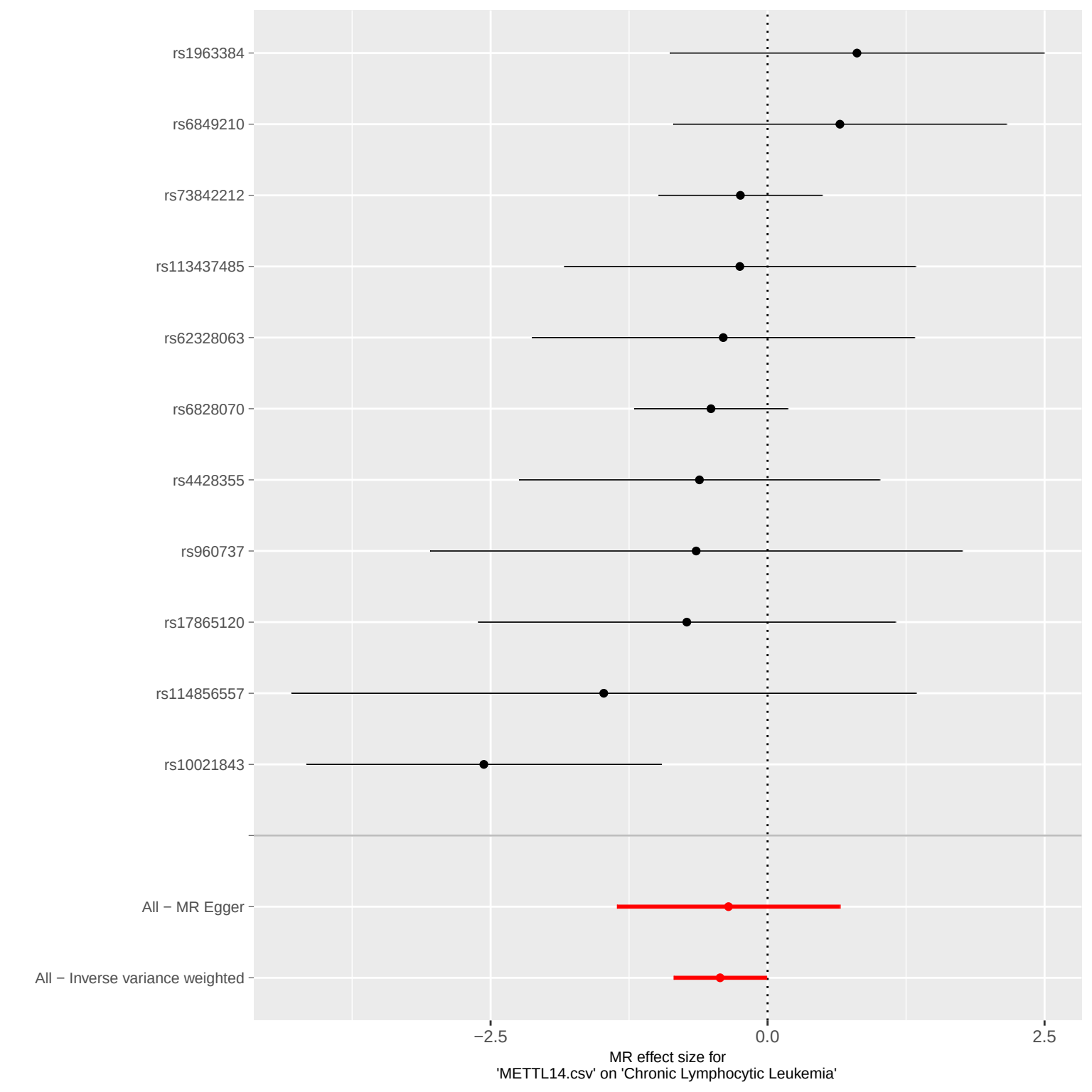
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'MEF2BNB.csv' on 'Chronic Lymphocytic Leukemia'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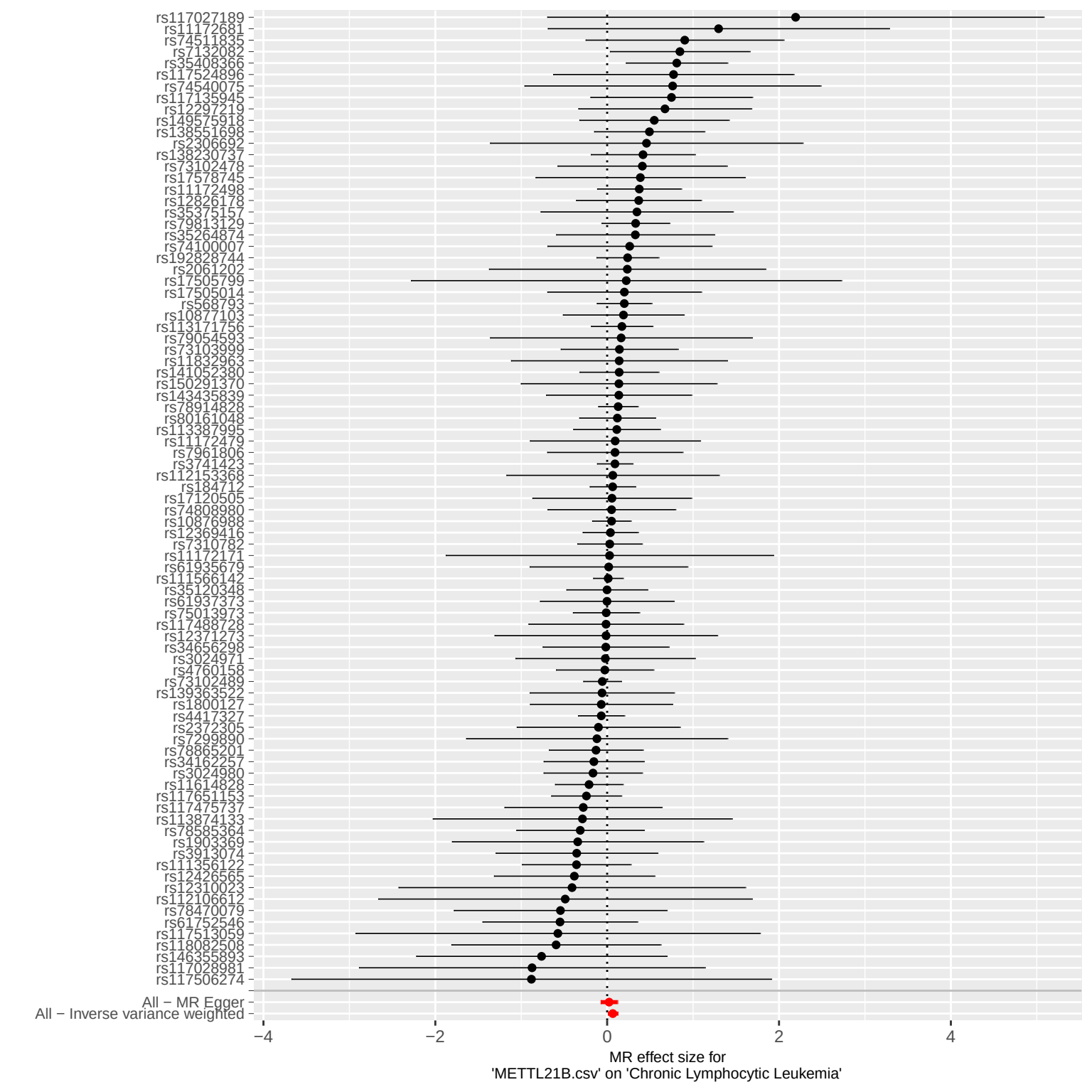
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'METTL14.csv' on 'Chronic Lymphocytic Leukemia'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rs79813129
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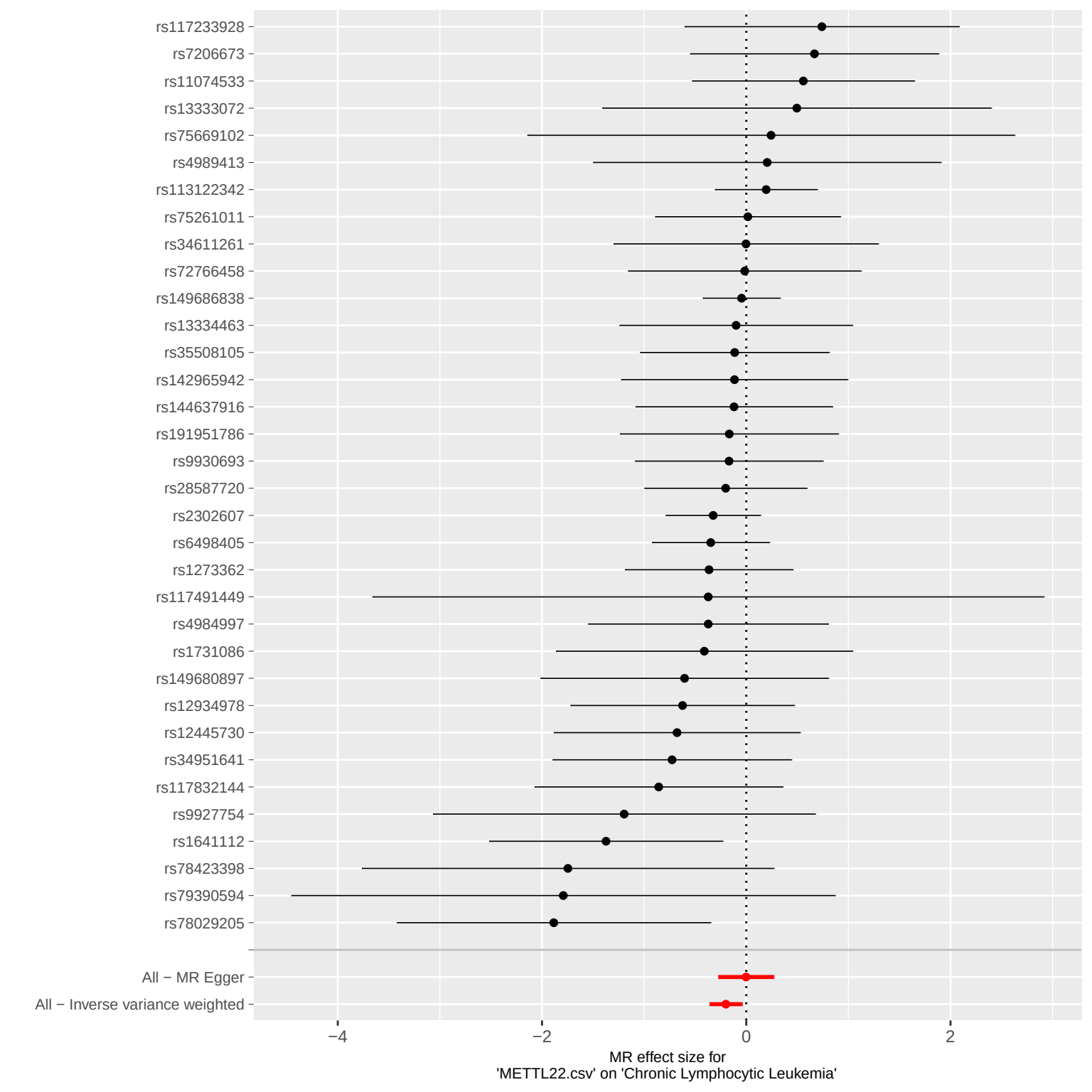
rs61752546
rs117513059
rs118082508
rs146355893
rs117028981
rs117506274
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'METTL21B.csv' on 'Chronic Lymphocytic Leukemia'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rs149680897
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rs117832144
rs9927754
rs1641112
rs78423398
rs79390594
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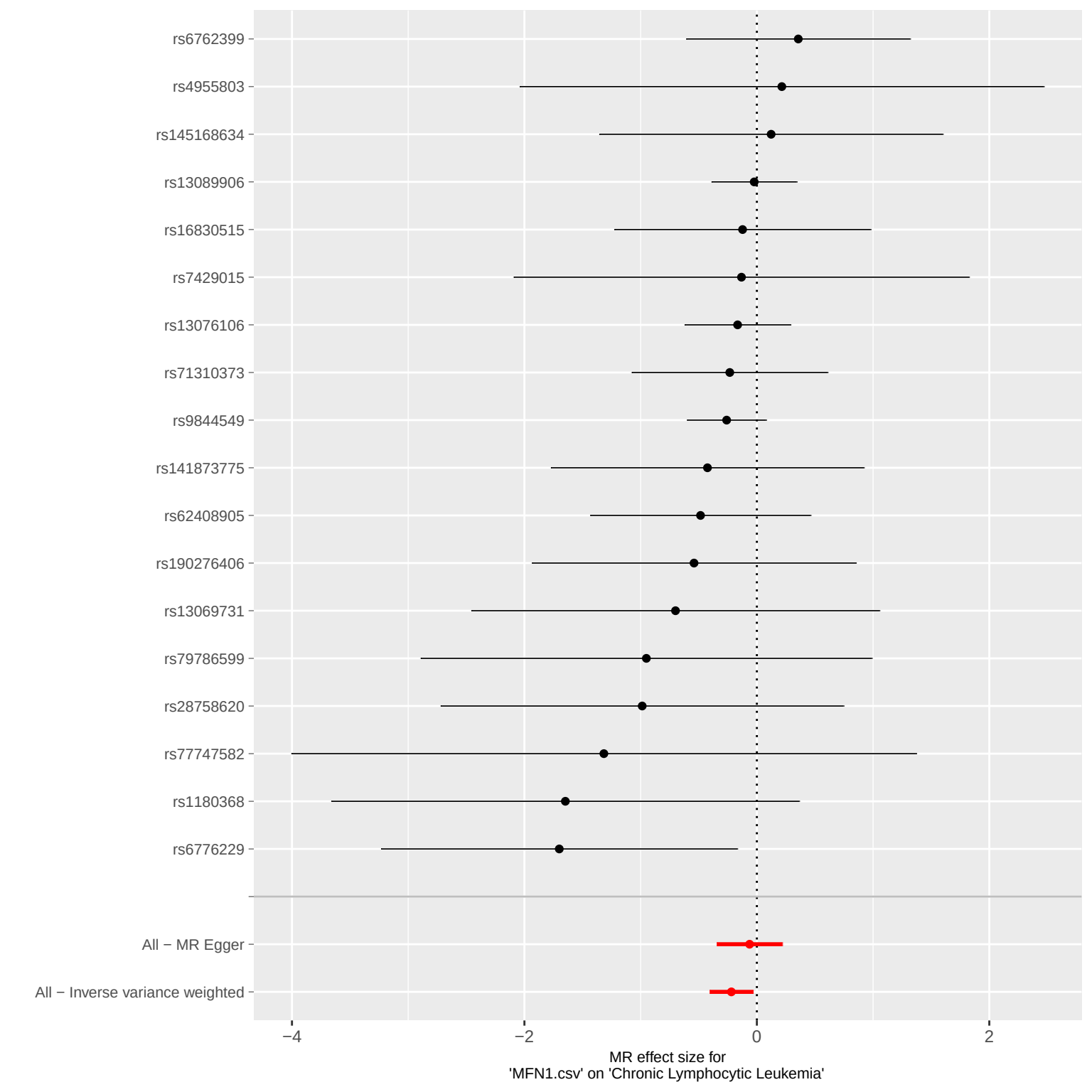
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'METTL22.csv' on 'Chronic Lymphocytic Leukemia'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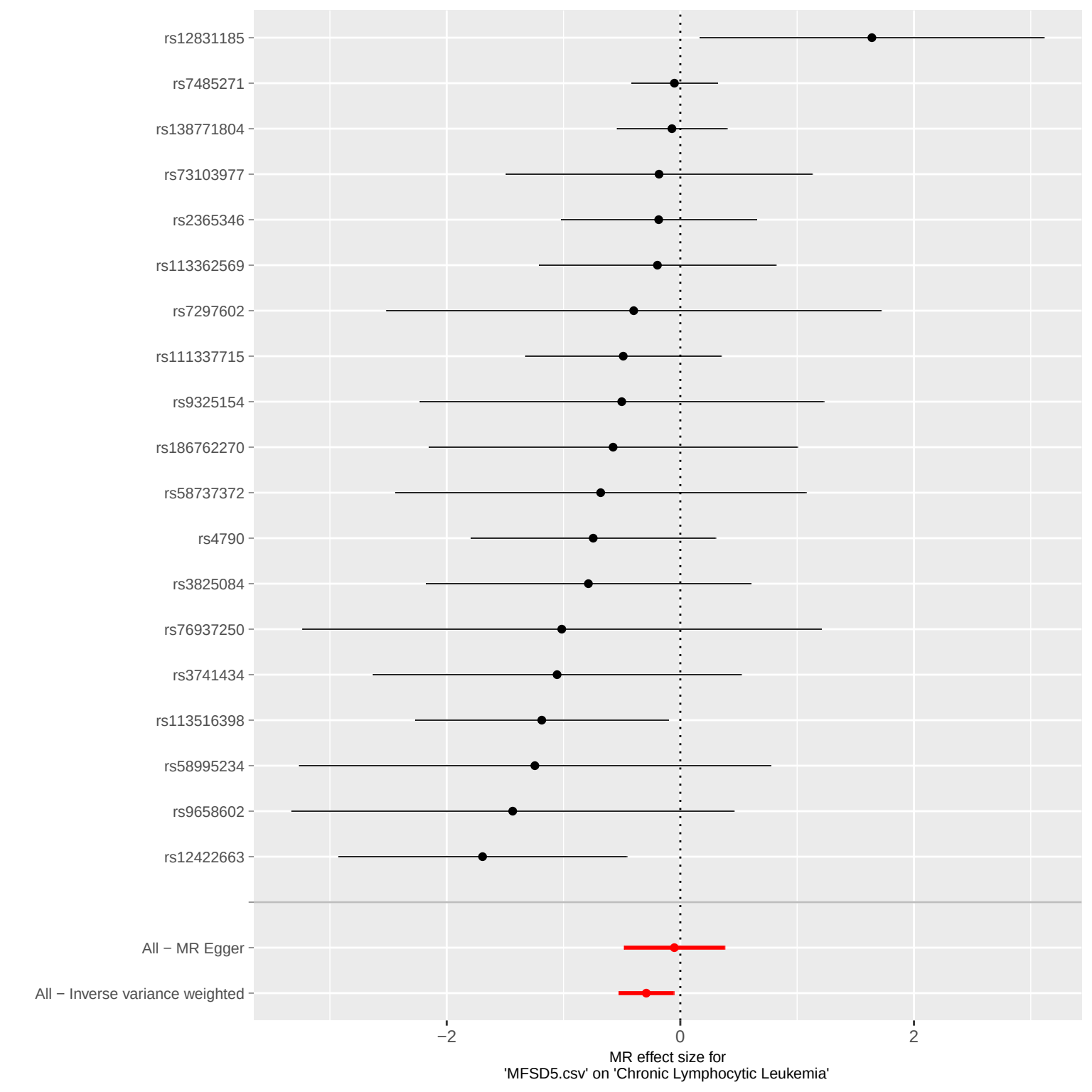
rs13069731
rs79786599
rs28758620
rs77747582
rs1180368
rs6776229
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MFN1.csv' on 'Chronic Lymphocytic Leukemia'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rs4790
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rs3741434
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rs58995234
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All − MR Egger
All − Inverse variance weighted
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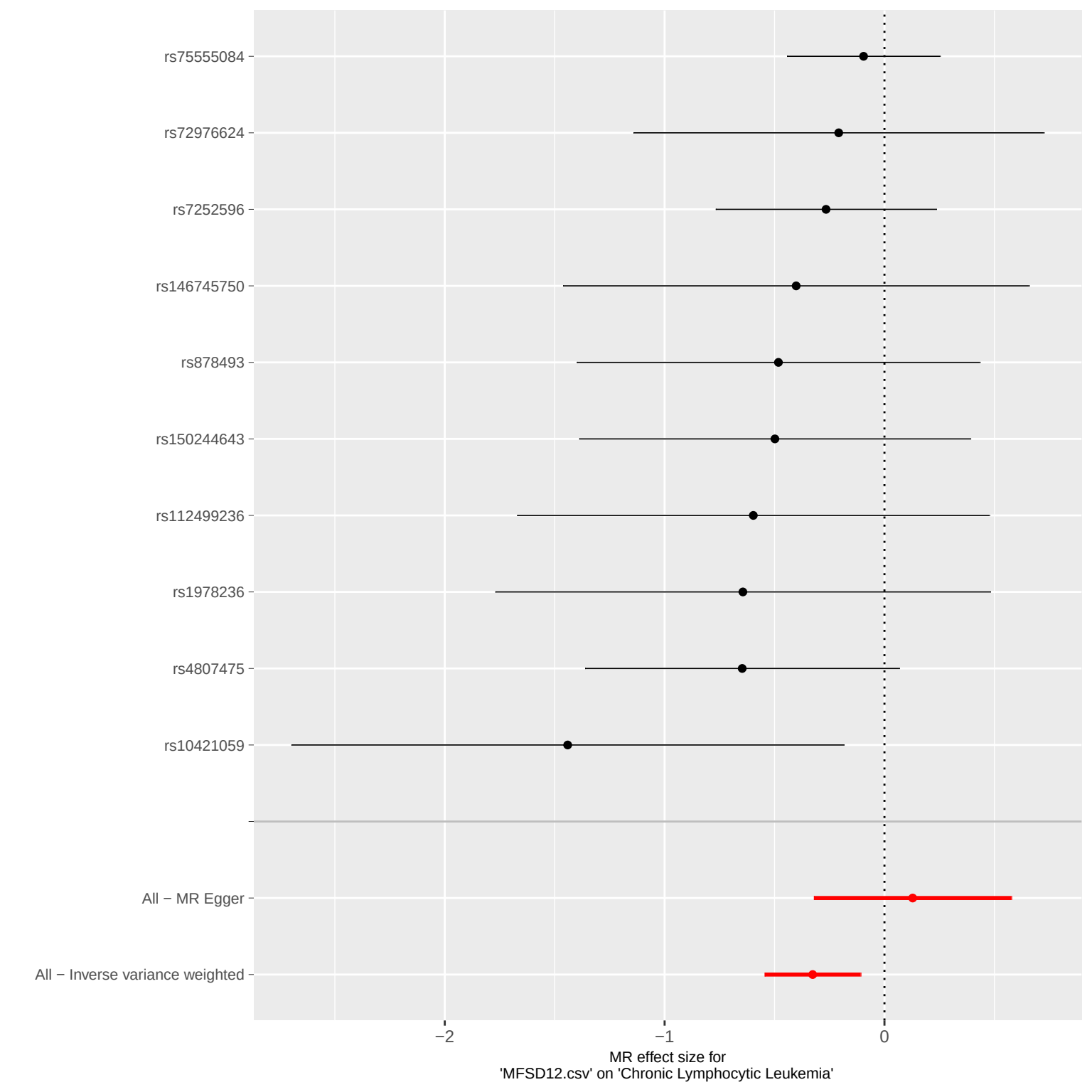
2
MR effect size for
'MFSD5.csv' on 'Chronic Lymphocytic Leukemia'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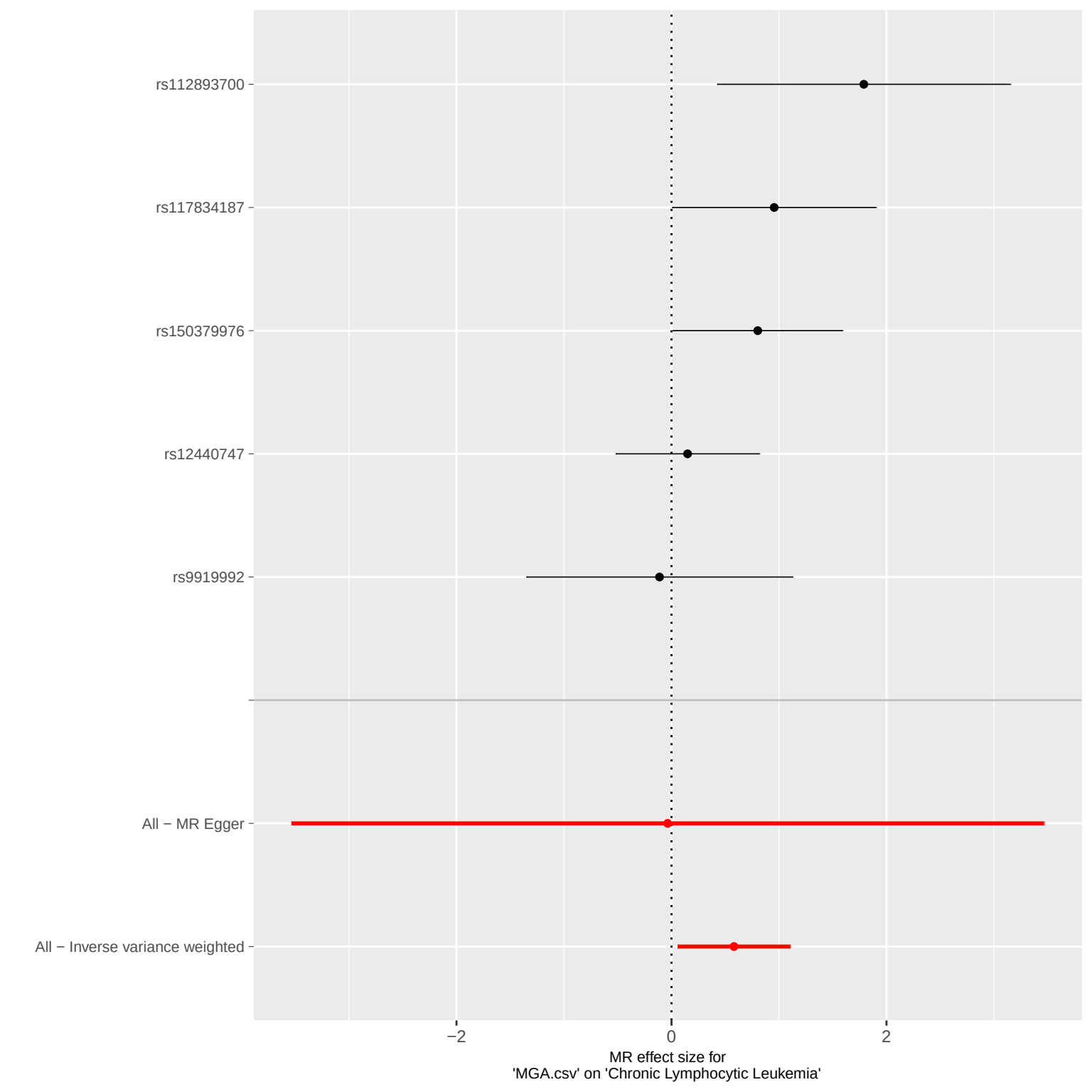
rs112499236
rs1978236
rs4807475
rs10421059
All − MR Egger
All − Inverse variance weighted
−2
−1
0
MR effect size for
'MFSD12.csv' on 'Chronic Lymphocytic Leukemia'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rs150379976
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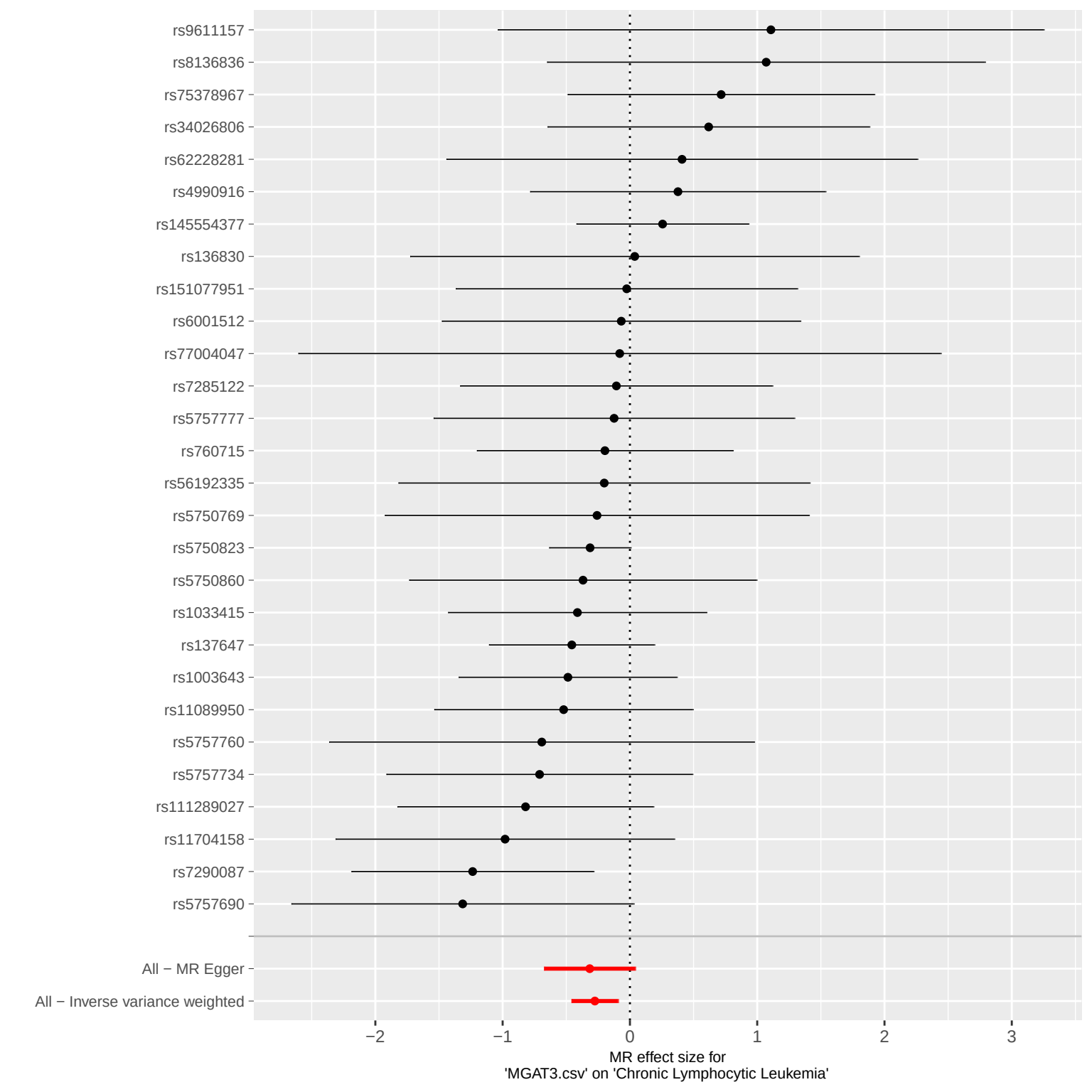
rs9919992
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'MGA.csv' on 'Chronic Lymphocytic Leukemia'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rs760715
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rs1033415
rs137647
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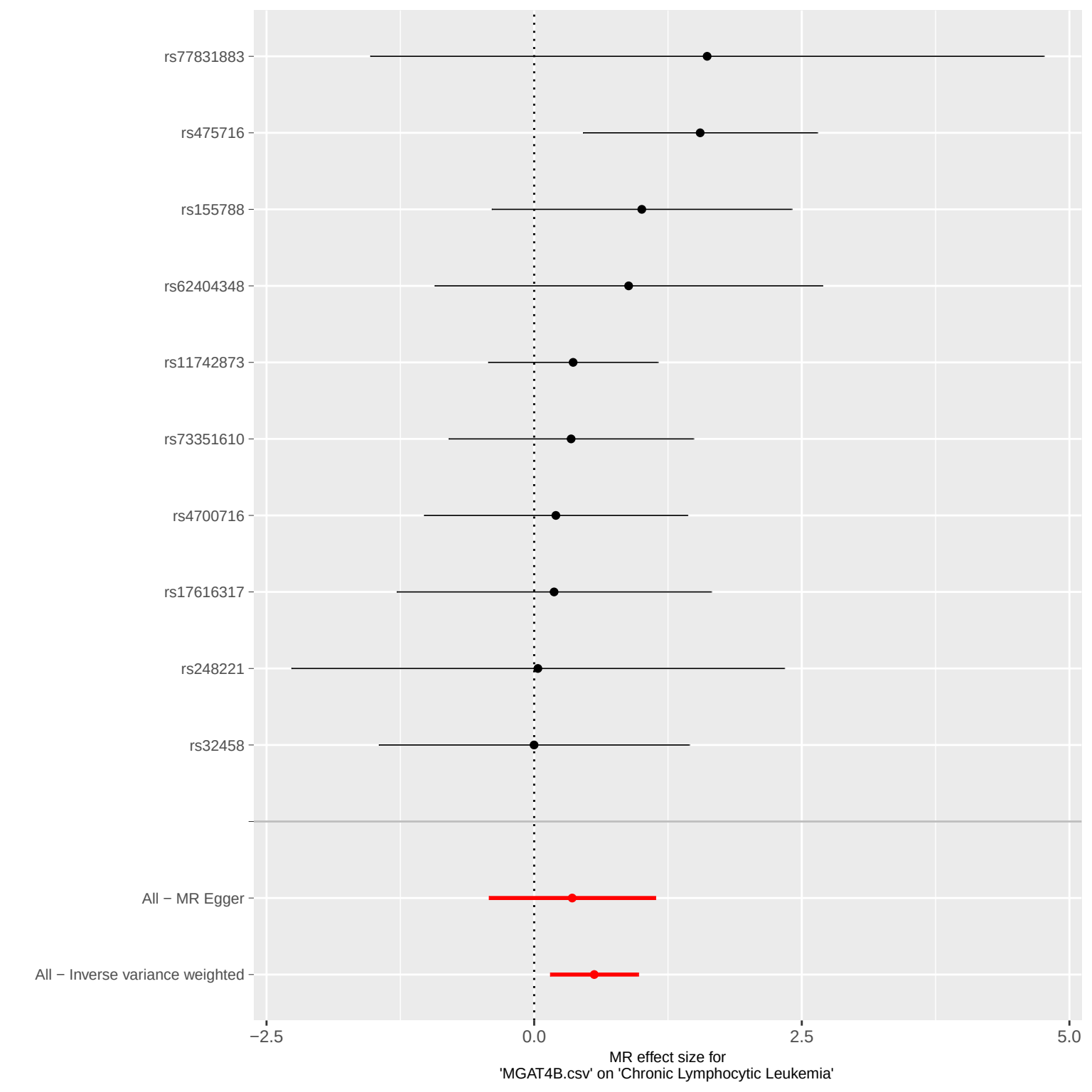
rs5757760
rs5757734
rs111289027
rs11704158
rs7290087
rs5757690
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'MGAT3.csv' on 'Chronic Lymphocytic Leukemia'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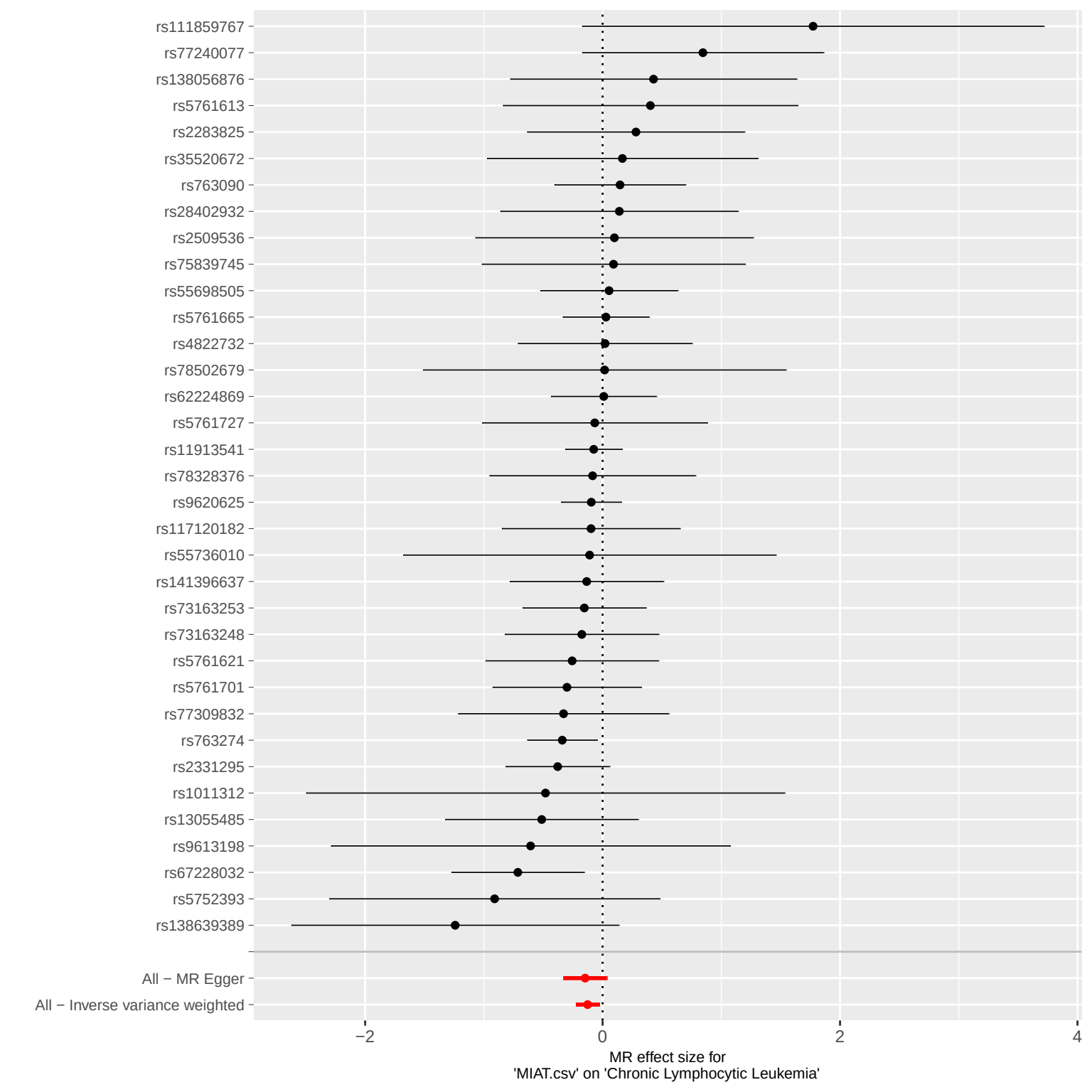
rs73351610
rs4700716
rs17616317
rs248221
rs32458
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'MGAT4B.csv' on 'Chronic Lymphocytic Leukemia'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rs13055485
rs9613198
rs67228032
rs5752393
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All − Inverse variance weighted
−2
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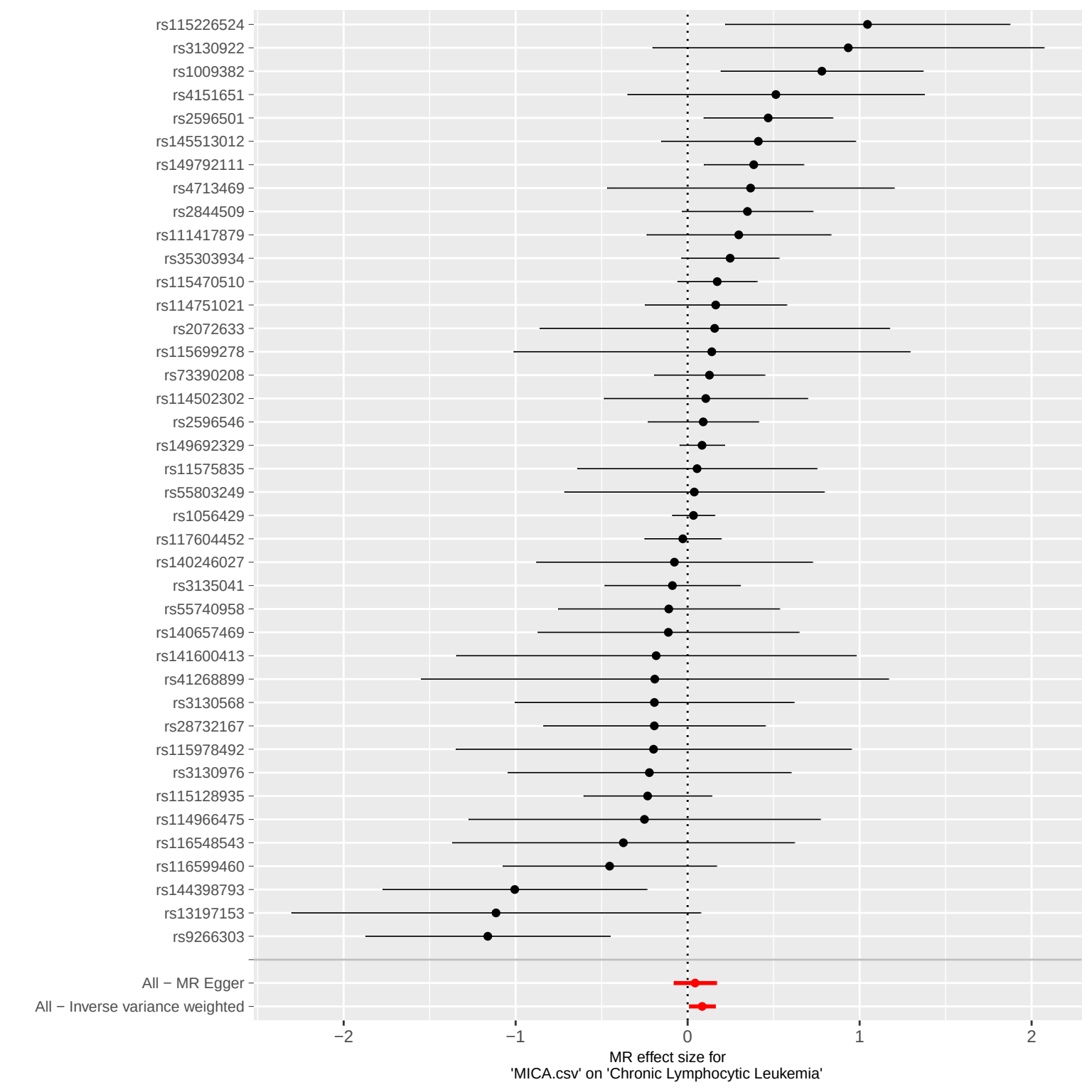
2
4
MR effect size for
'MIAT.csv' on 'Chronic Lymphocytic Leukemia'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rs115978492
rs3130976
rs115128935
rs114966475
rs116548543
rs116599460
rs144398793
rs13197153
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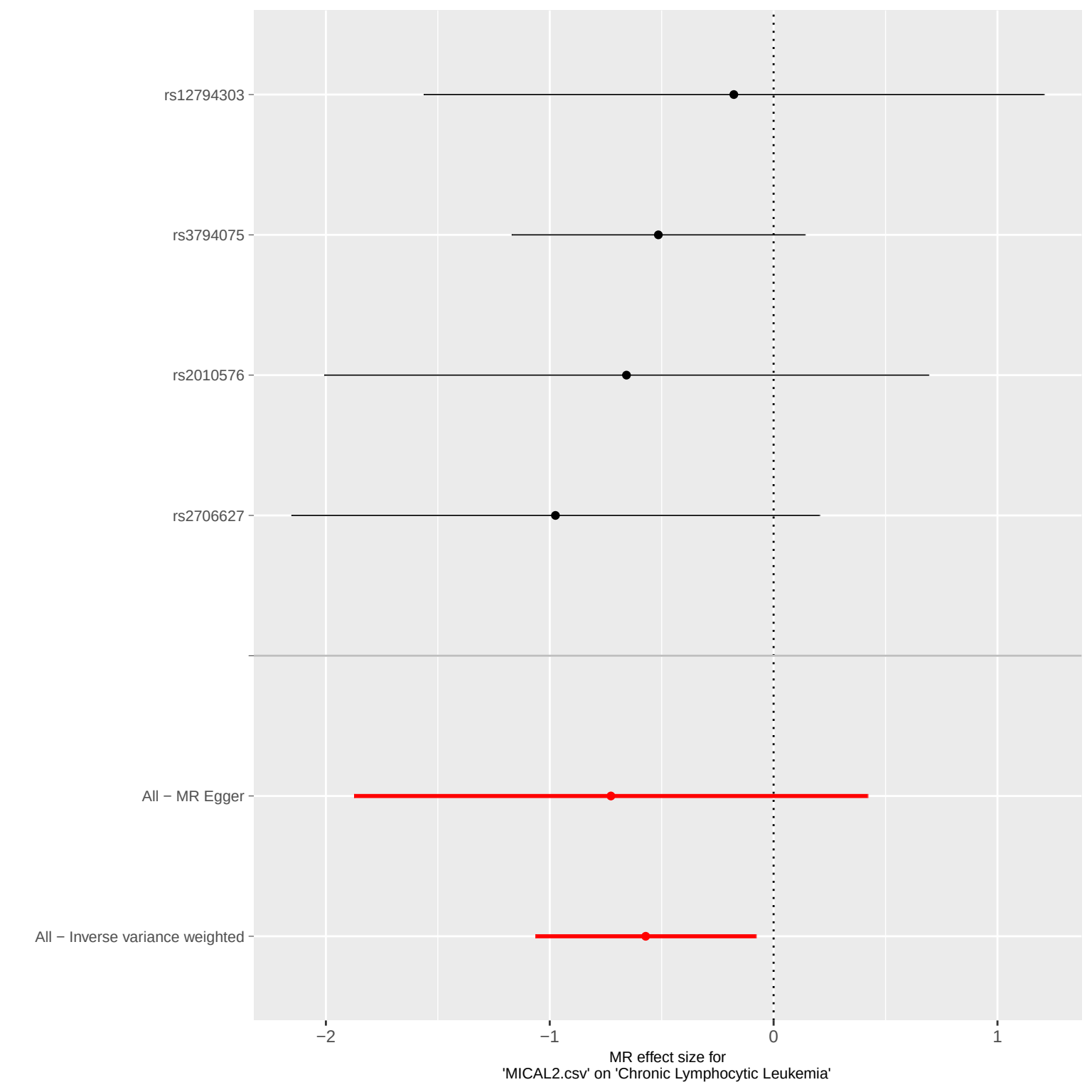
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'MICA.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−1
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MR effect size for
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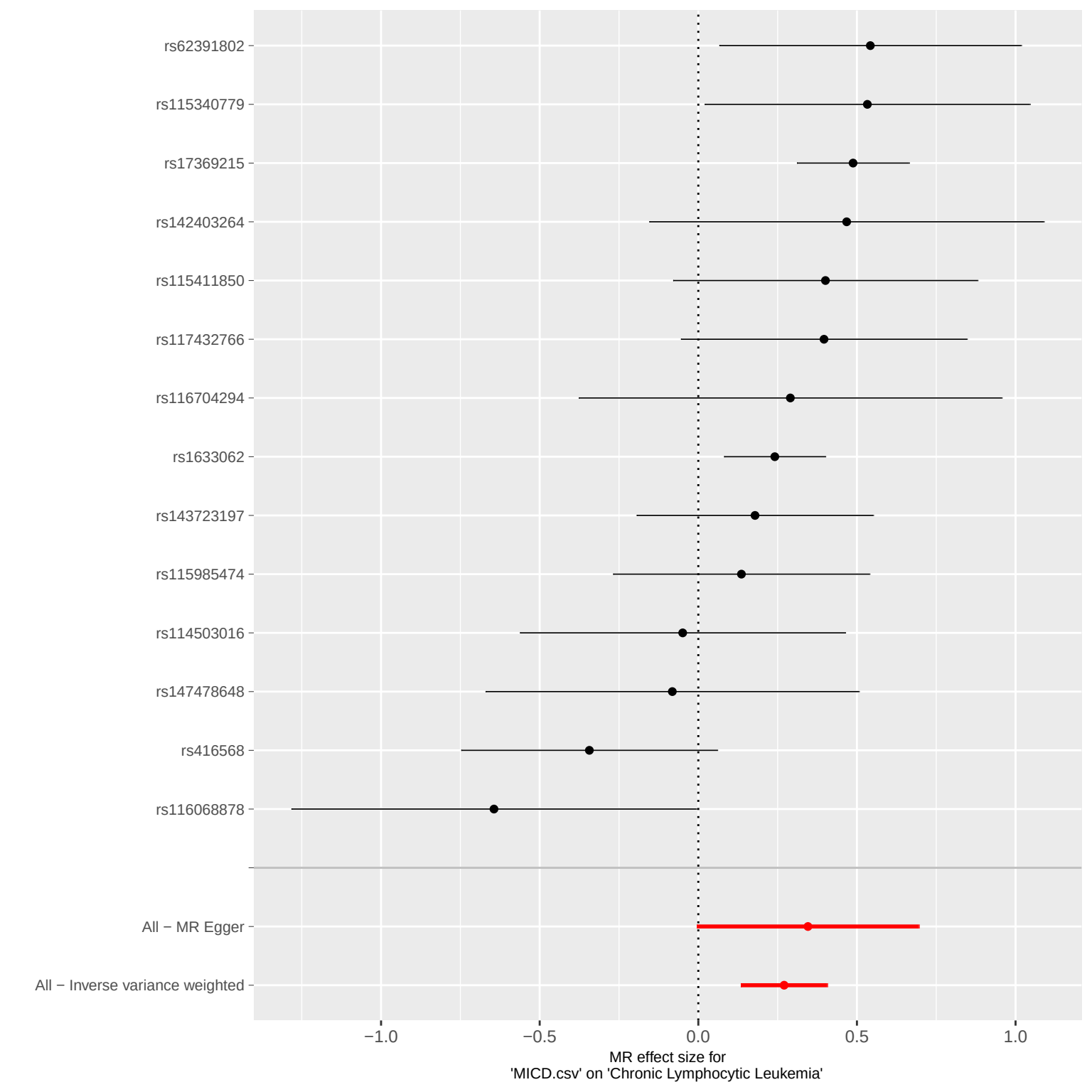
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rs416568
rs116068878
All − MR Egger
All − Inverse variance weighted
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−0.5
0.0
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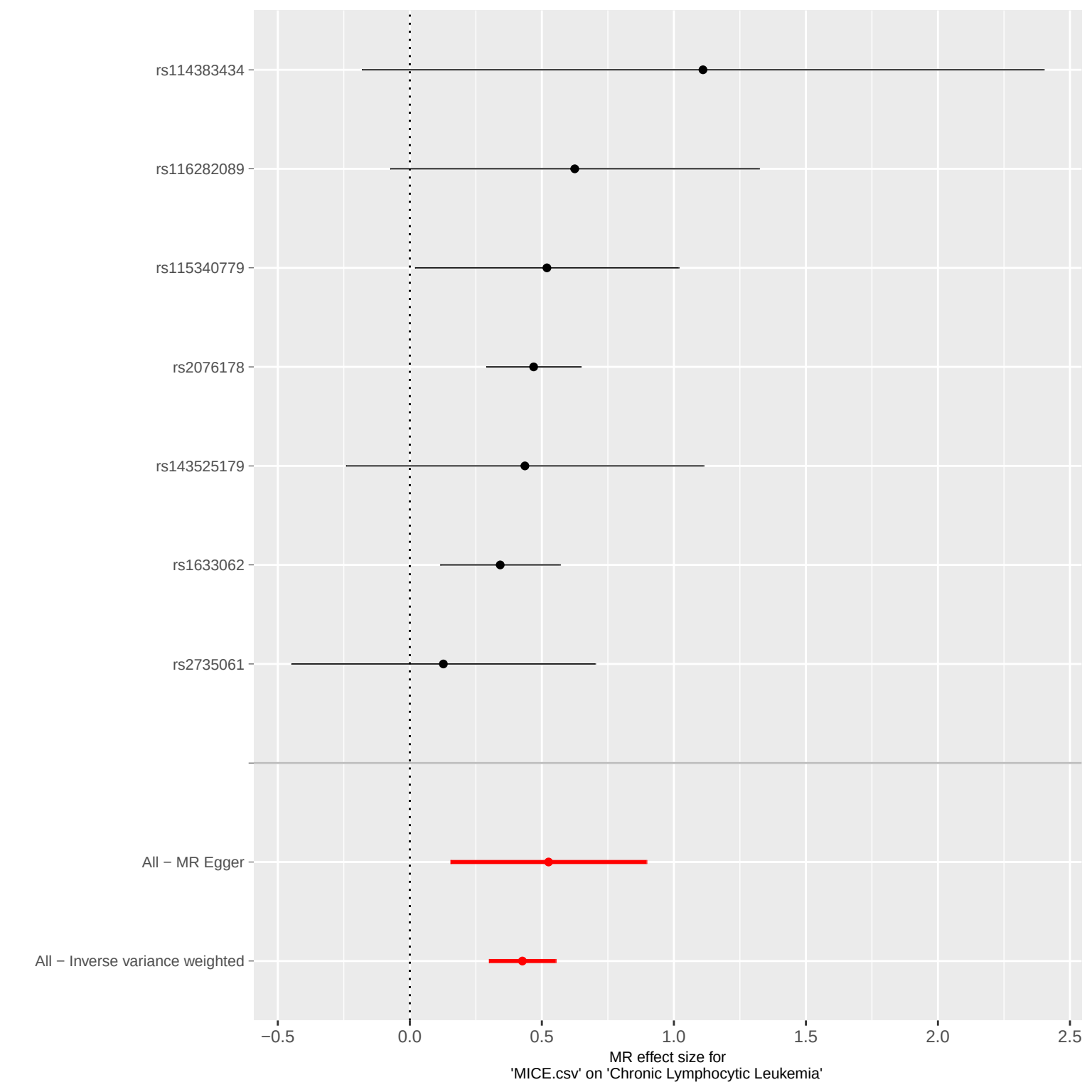
1.0
MR effect size for
'MICD.csv' on 'Chronic Lymphocytic Leukemia'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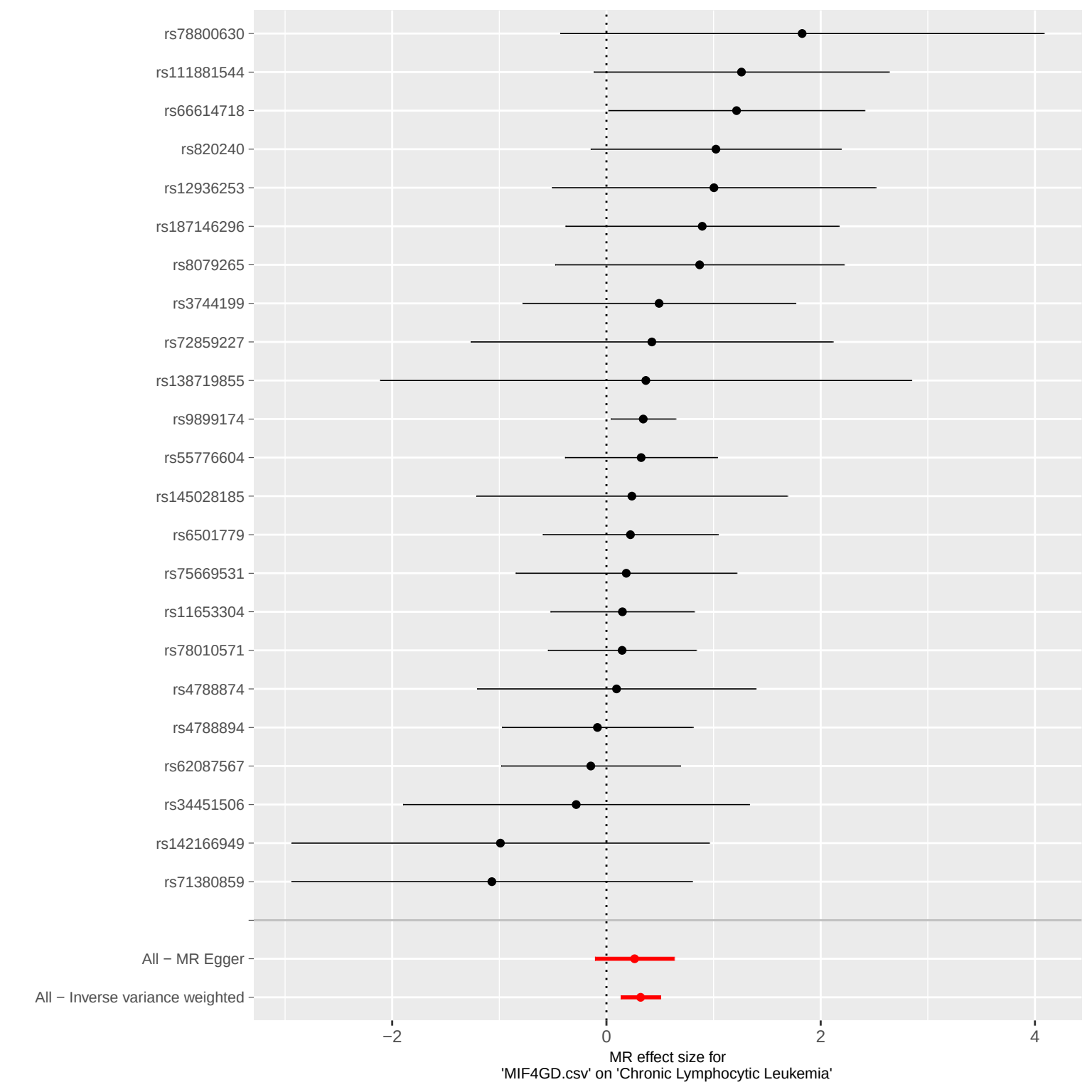
rs2076178
rs143525179
rs1633062
rs2735061
All − MR Egger
All − Inverse variance weighted
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
MR effect size for
'MICE.csv' on 'Chronic Lymphocytic Leukemia'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rs6501779
rs75669531
rs11653304
rs78010571
rs4788874
rs4788894
rs62087567
rs34451506
rs142166949
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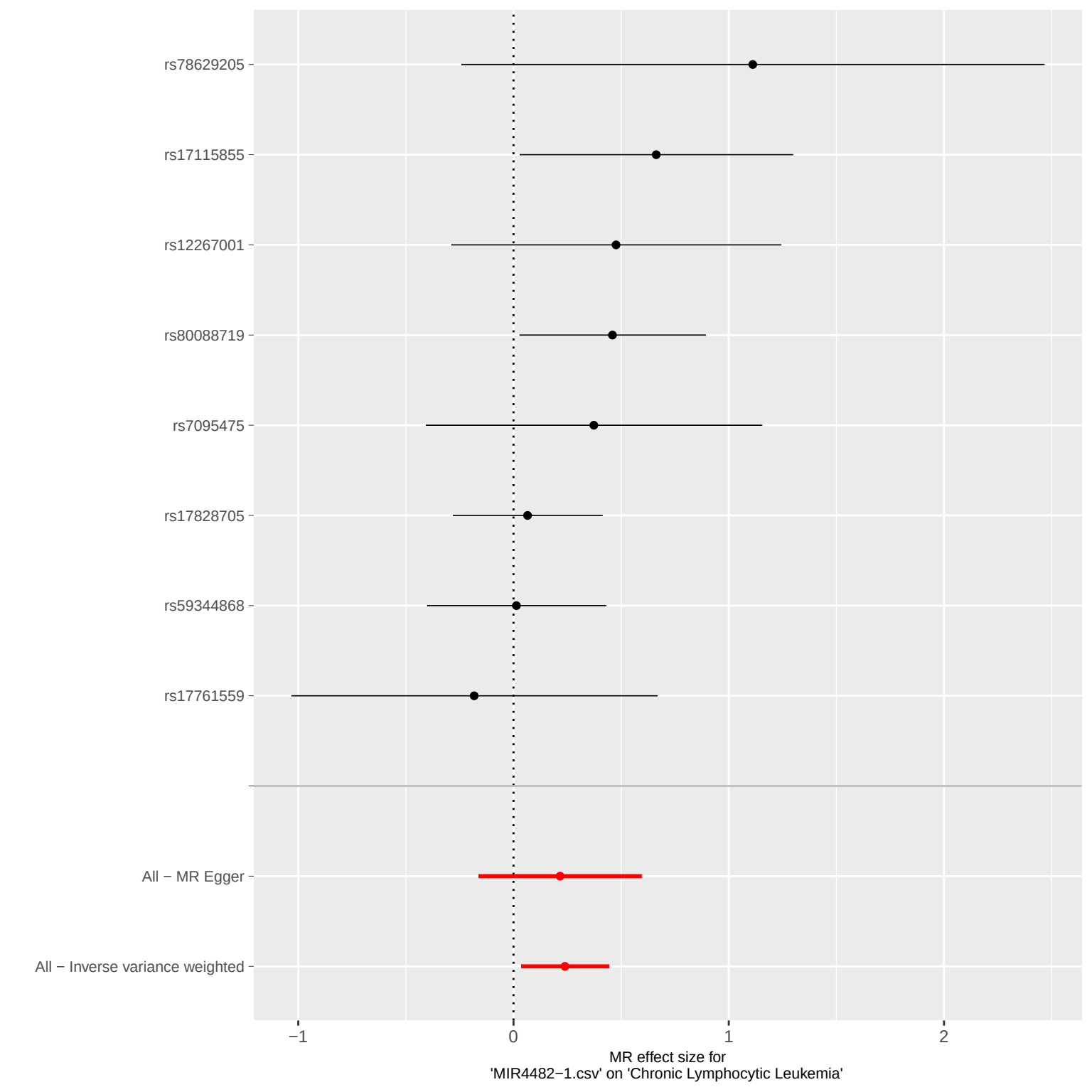
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'MIF4GD.csv' on 'Chronic Lymphocytic Leukemia'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rs7095475
rs17828705
rs59344868
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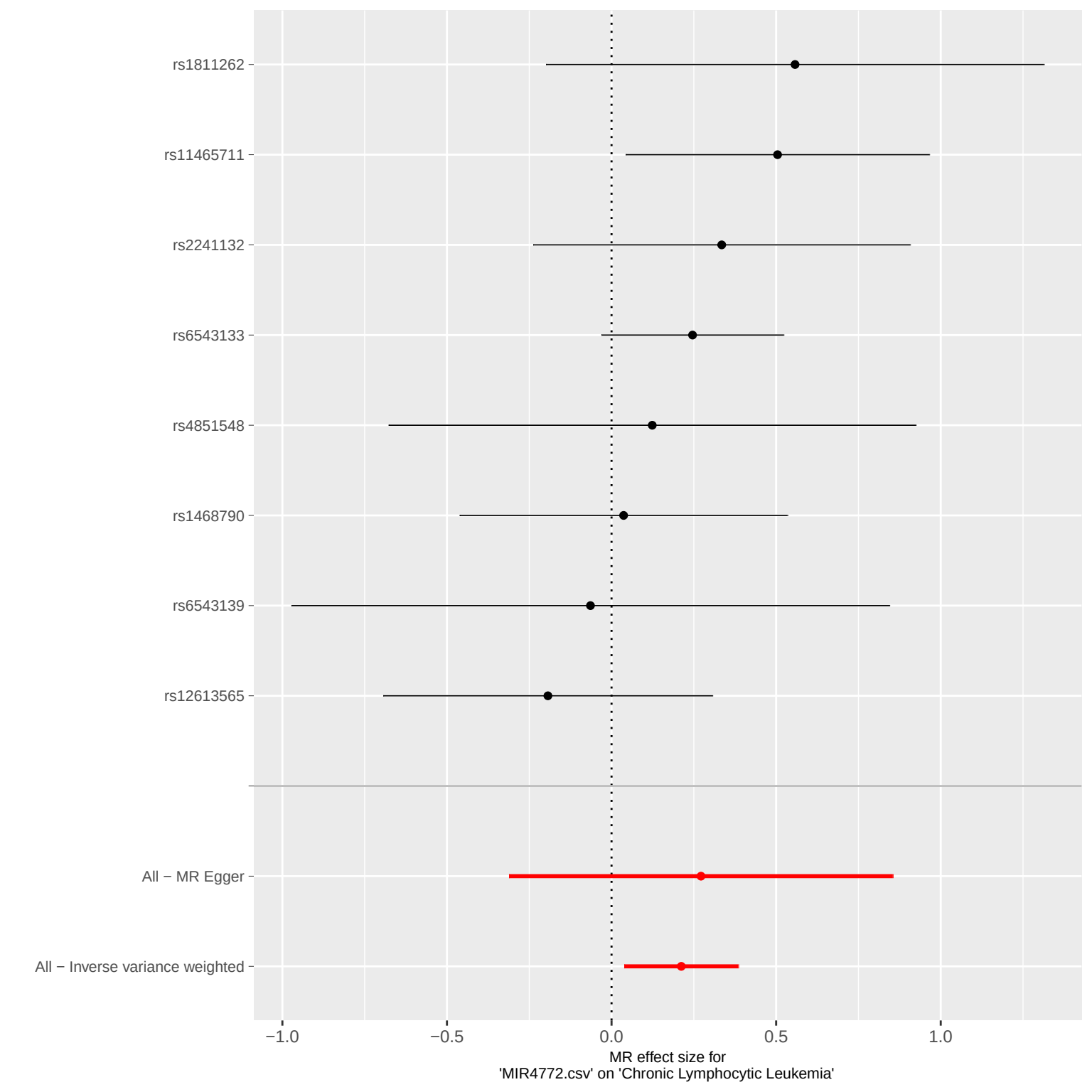
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'MIR4482−1.csv' on 'Chronic Lymphocytic Leukemia'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rs11465711
rs2241132
rs6543133
rs4851548
rs1468790
rs6543139
rs12613565
All − MR Egger
All − Inverse variance weighted
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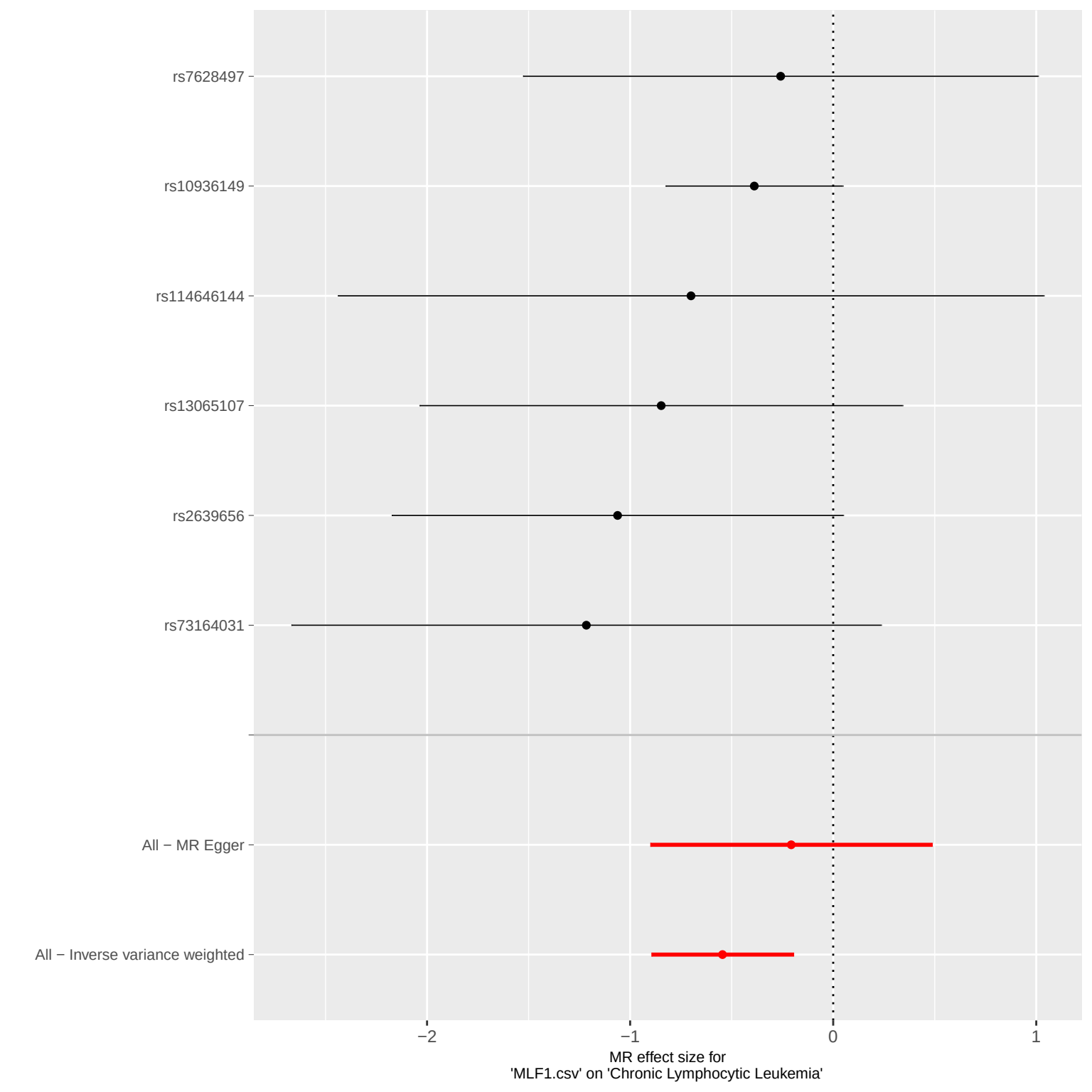
−0.5
0.0
0.5
1.0
MR effect size for
'MIR4772.csv' on 'Chronic Lymphocytic Leukemia'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rs2639656
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All − MR Egger
All − Inverse variance weighted
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−1
0
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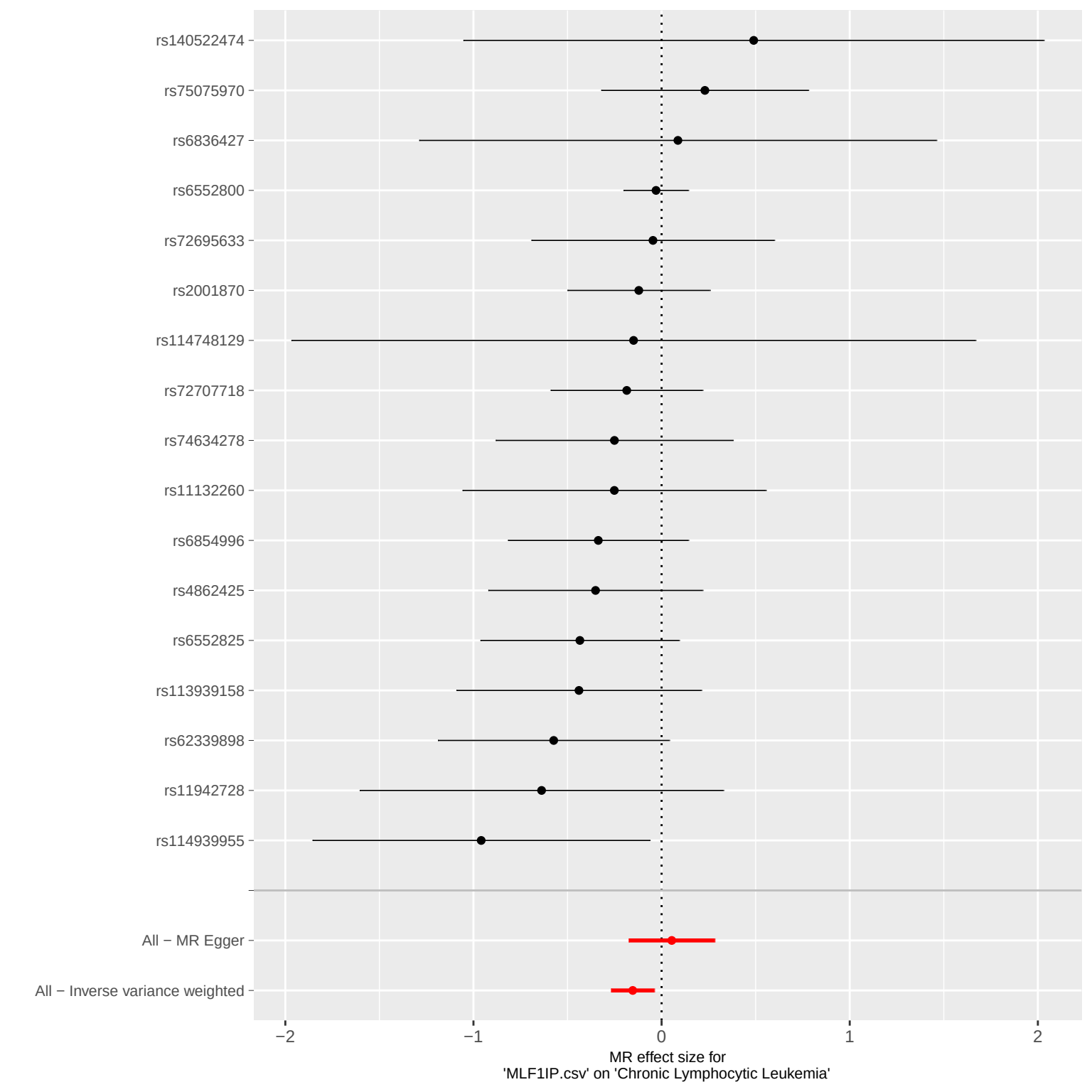
MR effect size for
'MLF1.csv' on 'Chronic Lymphocytic Leukemia'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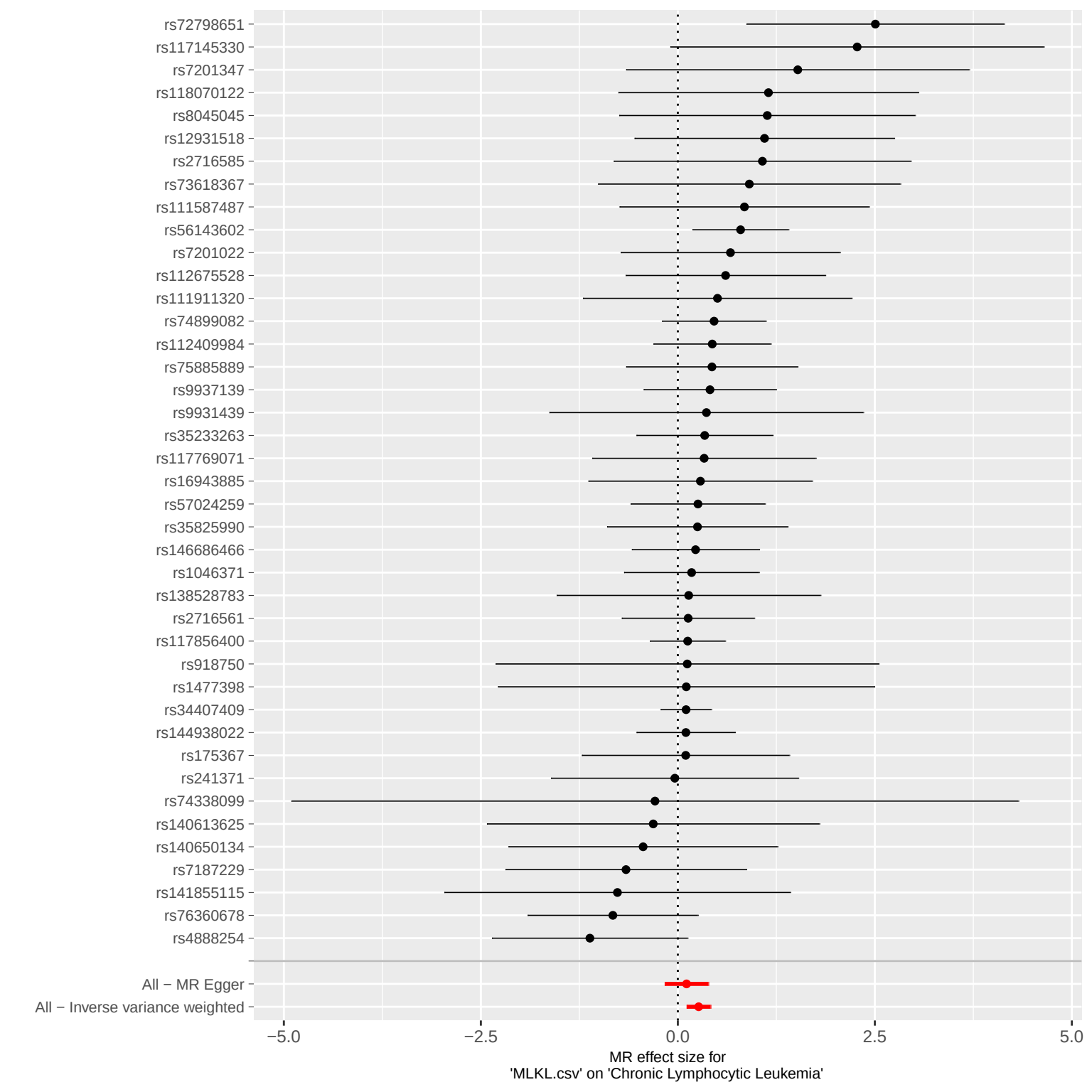
rs4862425
rs6552825
rs113939158
rs62339898
rs11942728
rs114939955
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'MLF1IP.csv' on 'Chronic Lymphocytic Leukemia'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rs112409984
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rs9931439
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rs1477398
rs34407409
rs144938022
rs175367
rs241371
rs74338099
rs140613625
rs140650134
rs7187229
rs141855115
rs76360678
rs4888254
All − MR Egger
All − Inverse variance weighted
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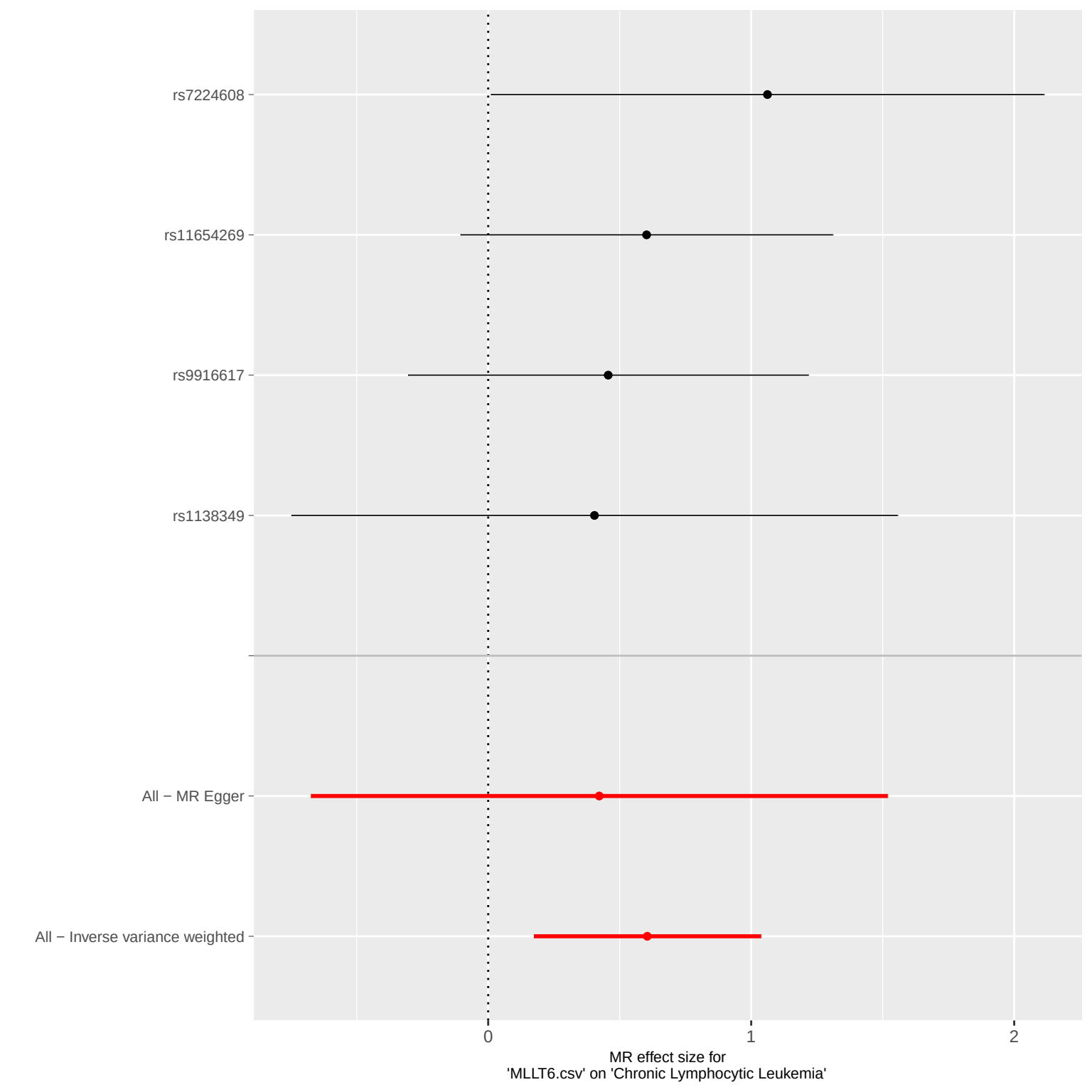
−2.5
0.0
2.5
5.0
MR effect size for
'MLKL.csv' on 'Chronic Lymphocytic Leukemia'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rs11654269
rs9916617
rs1138349
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All − Inverse variance weighted
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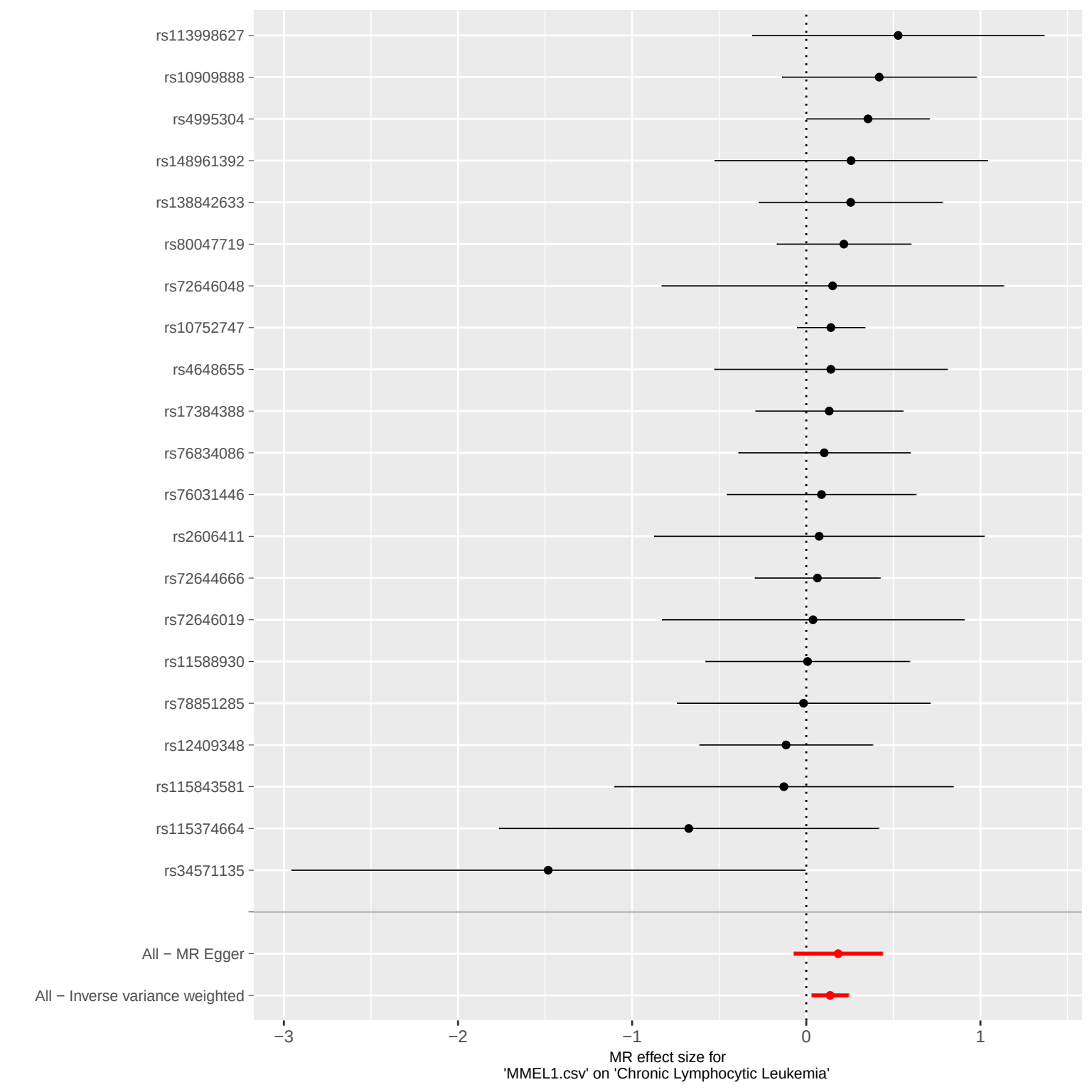
1
2
MR effect size for
'MLLT6.csv' on 'Chronic Lymphocytic Leukemia'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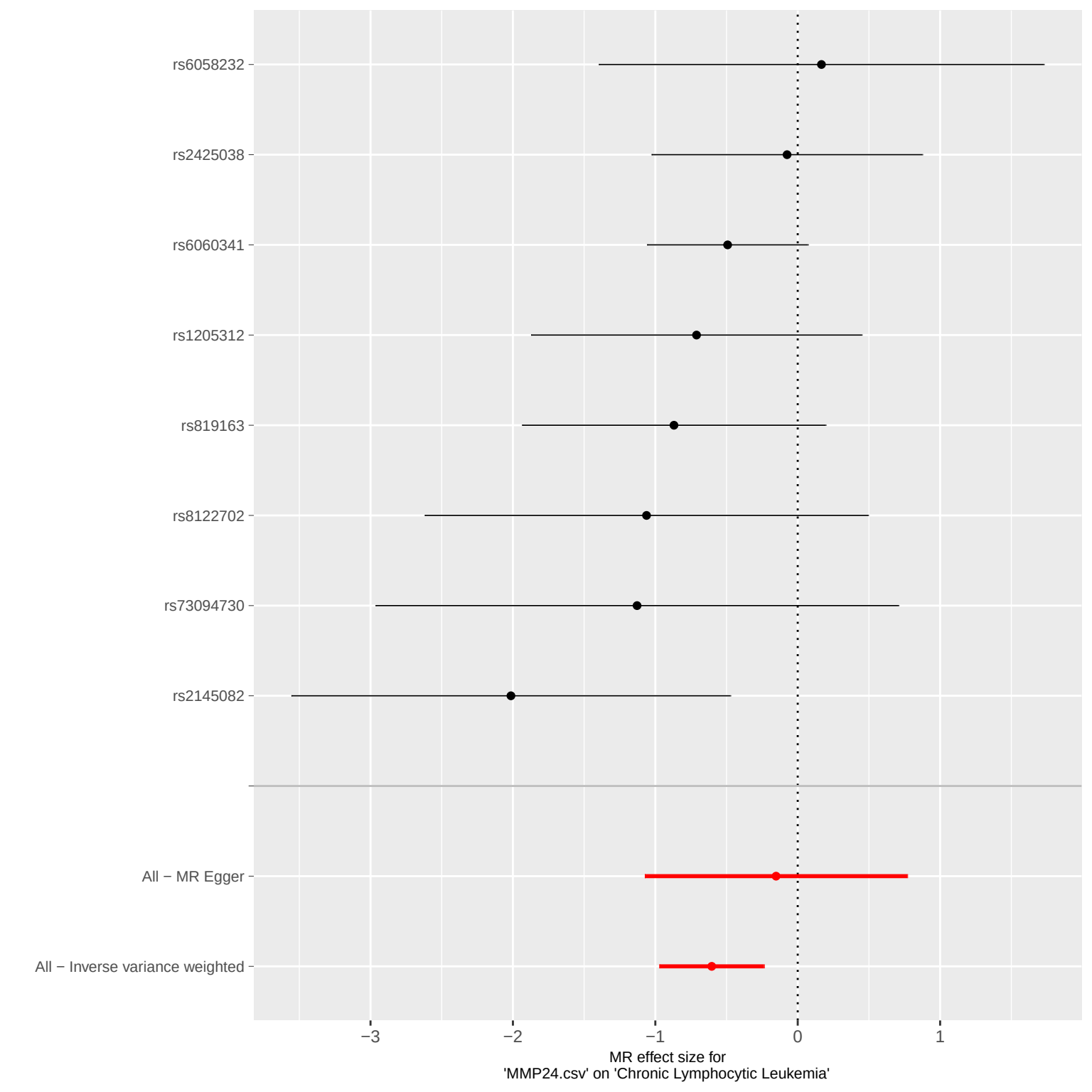
rs72644666
rs72646019
rs11588930
rs78851285
rs12409348
rs115843581
rs115374664
rs34571135
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'MMEL1.csv' on 'Chronic Lymphocytic Leukemia'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rs8122702
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All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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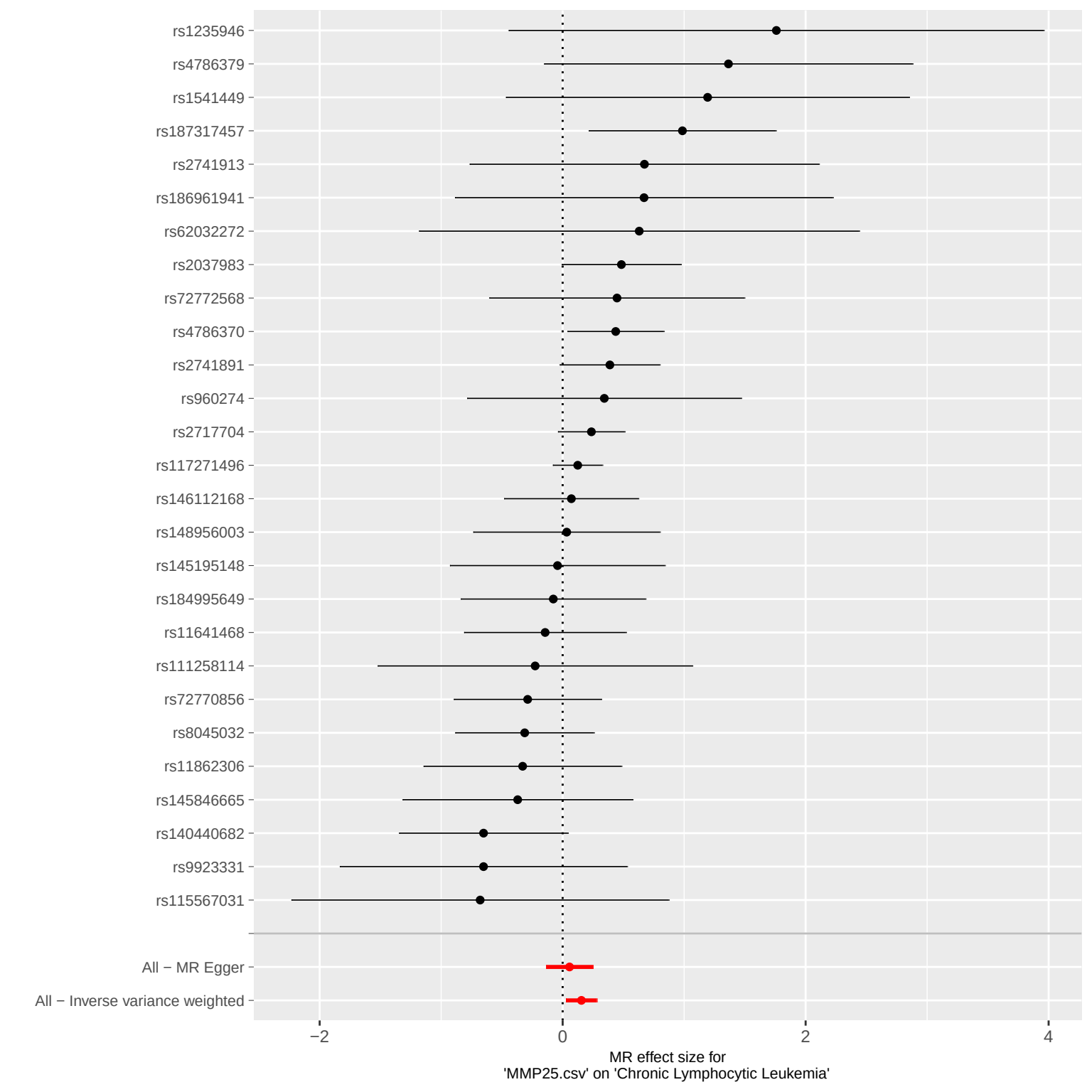
MR effect size for
'MMP24.csv' on 'Chronic Lymphocytic Leukemia'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rs8045032
rs11862306
rs145846665
rs140440682
rs9923331
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All − Inverse variance weighted
−2
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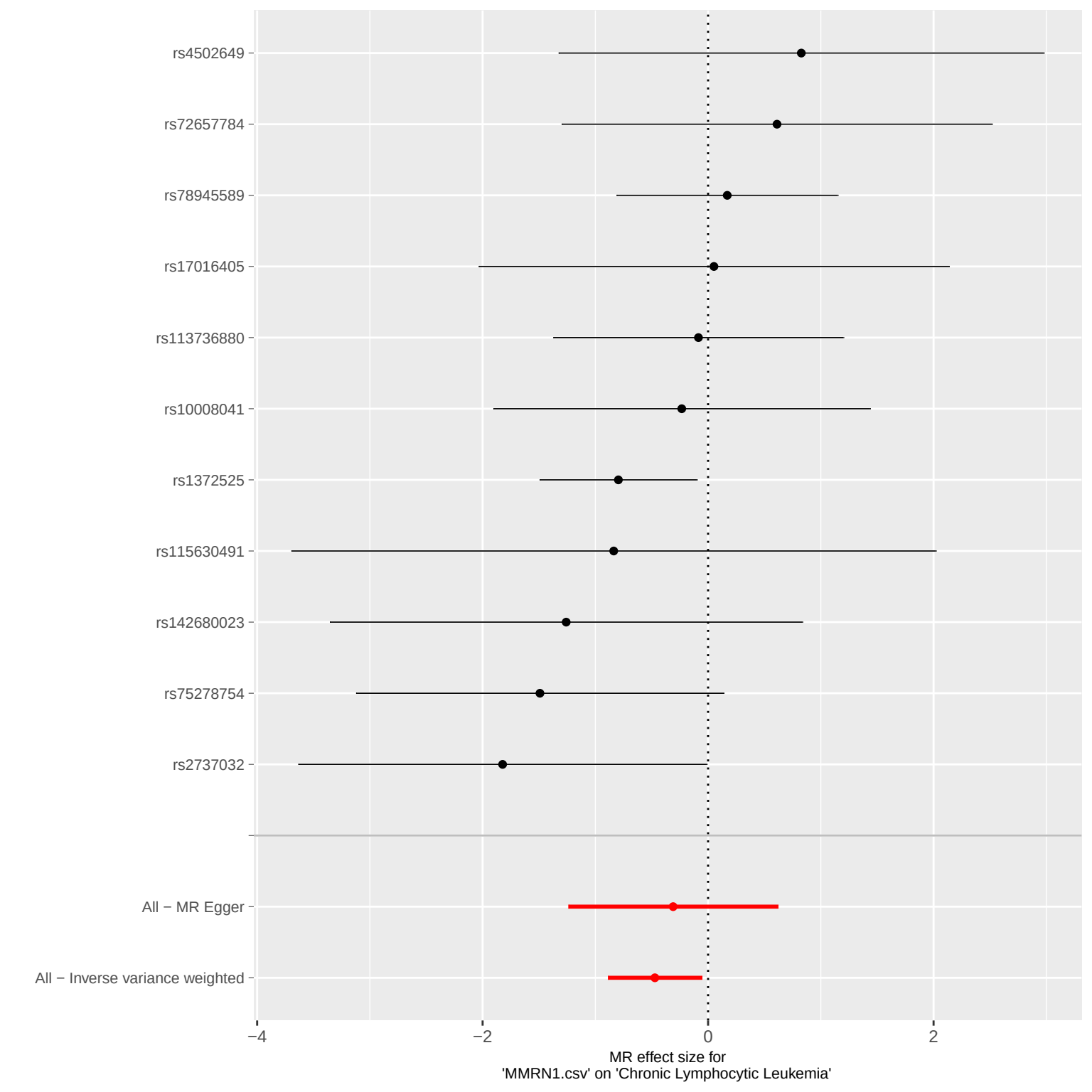
4
MR effect size for
'MMP25.csv' on 'Chronic Lymphocytic Leukemia'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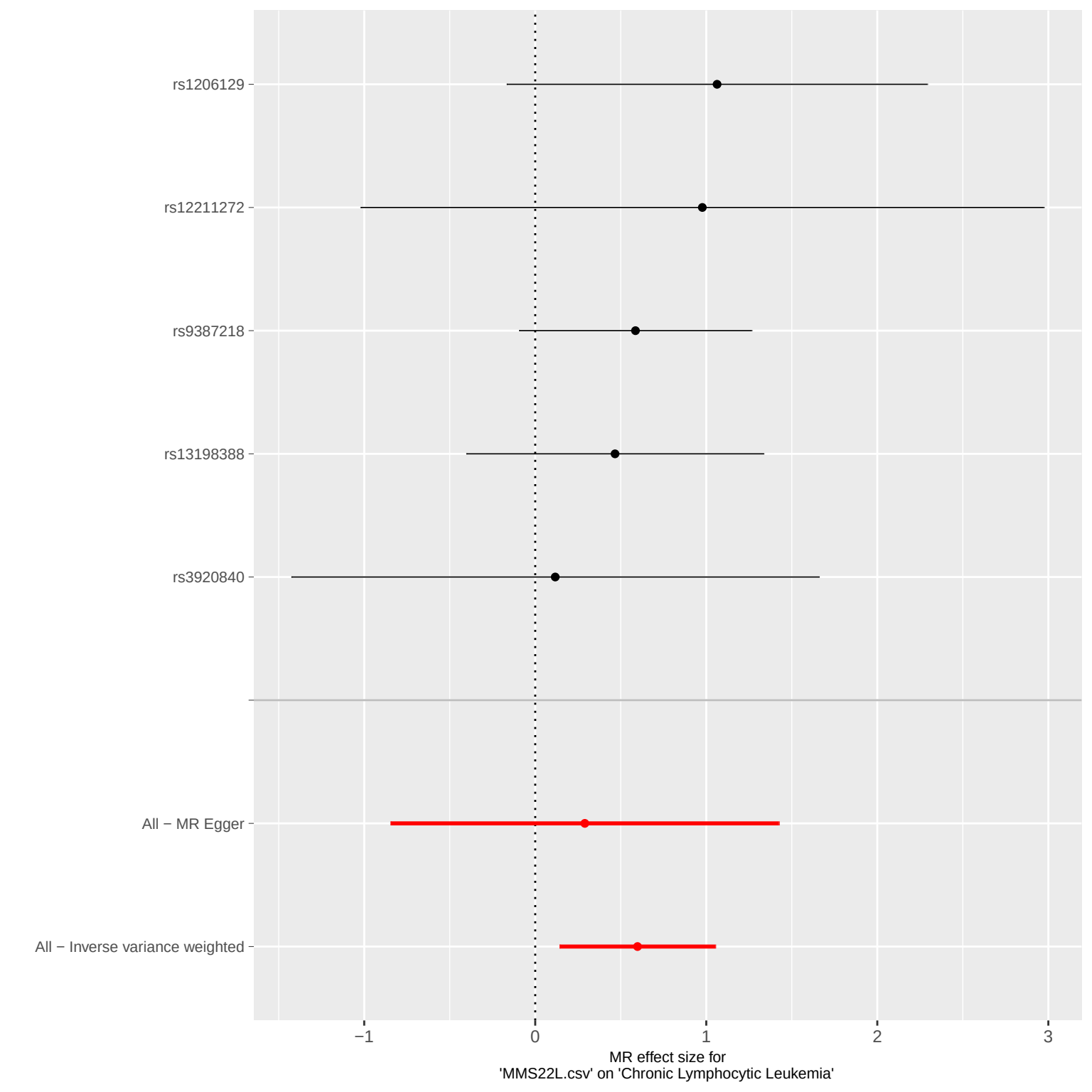
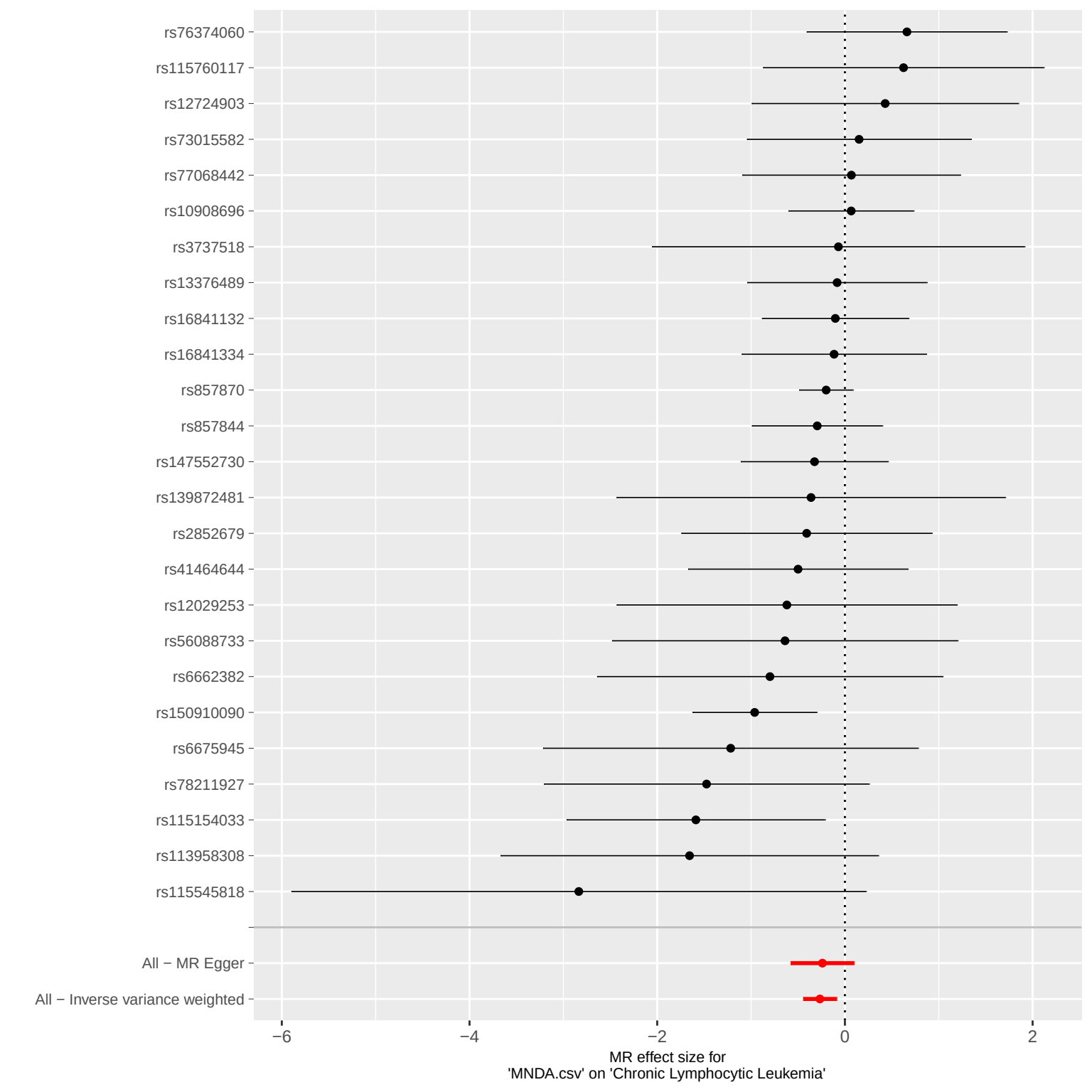
rs10008041
rs1372525
rs115630491
rs142680023
rs75278754
rs2737032
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MMRN1.csv' on 'Chronic Lymphocytic Leukemia'


rs1206129
rs12211272
rs9387218
rs13198388
rs3920840
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'MMS22L.csv' on 'Chronic Lymphocytic Leukemia'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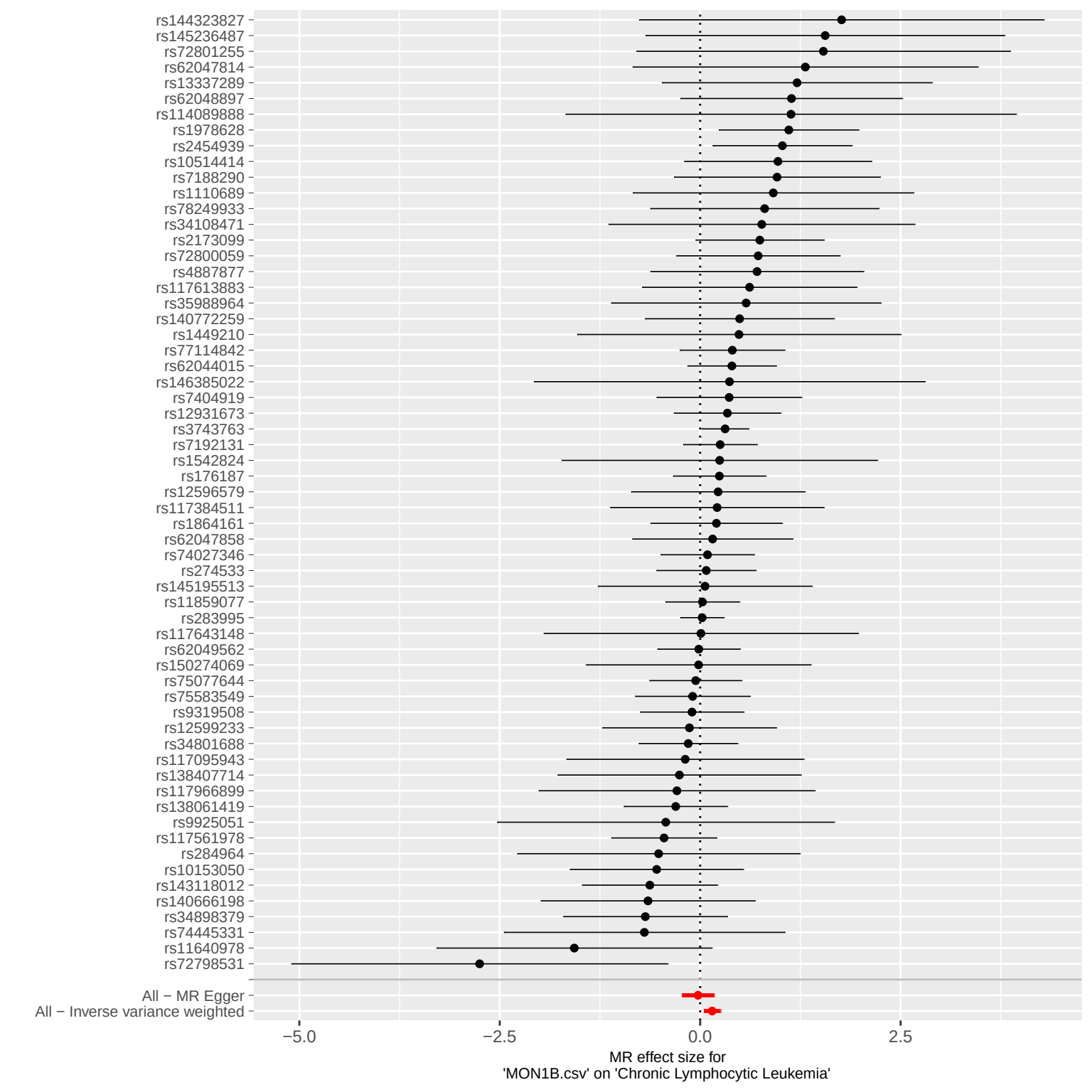
rs12029253
rs56088733
rs6662382
rs150910090
rs6675945
rs78211927
rs115154033
rs113958308
rs115545818
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'MNDA.csv' on 'Chronic Lymphocytic Leukemia'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rs62044015
rs146385022
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rs34898379
rs74445331
rs11640978
rs72798531
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All − Inverse variance weighted
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−2.5
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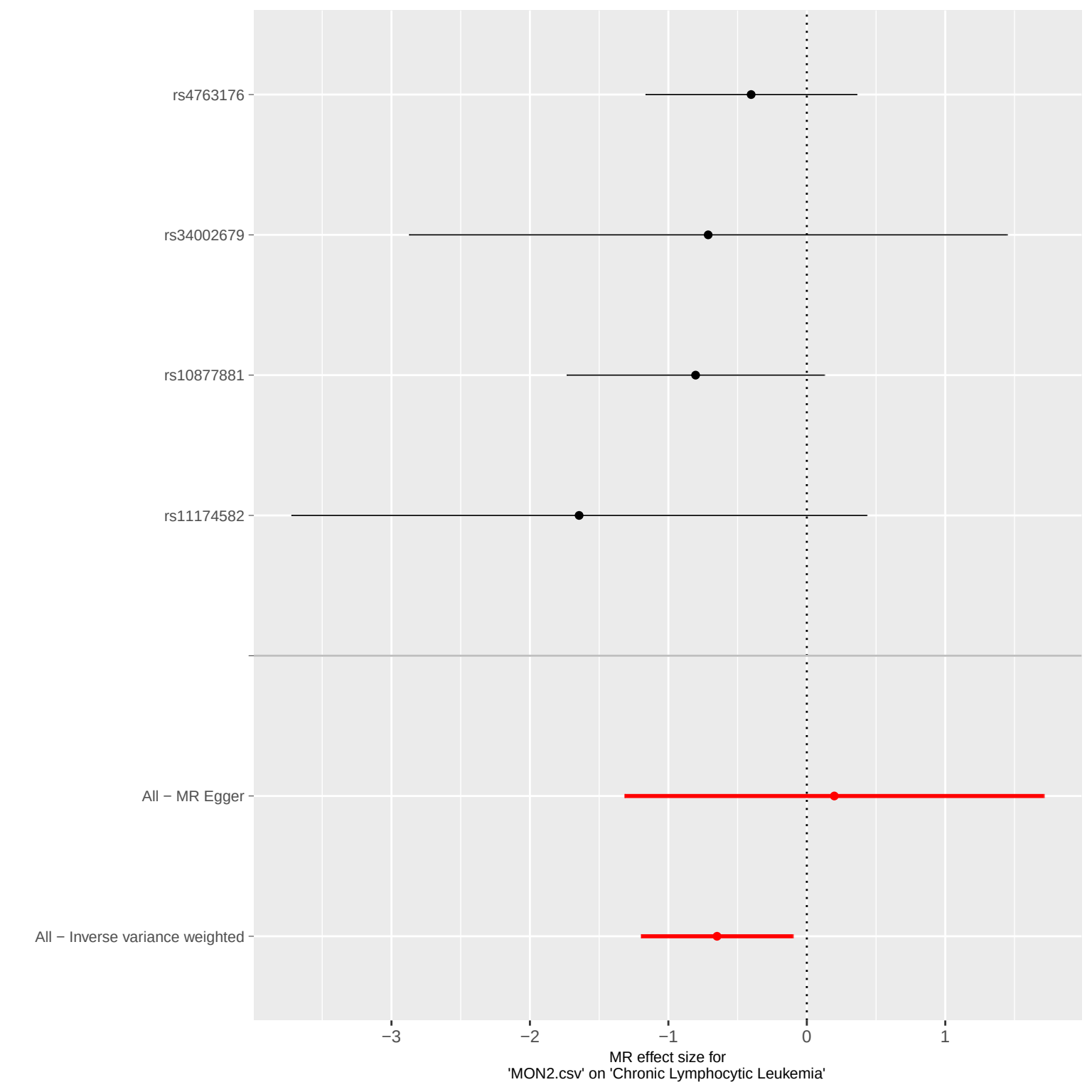
2.5
MR effect size for
'MON1B.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−2
−1
0
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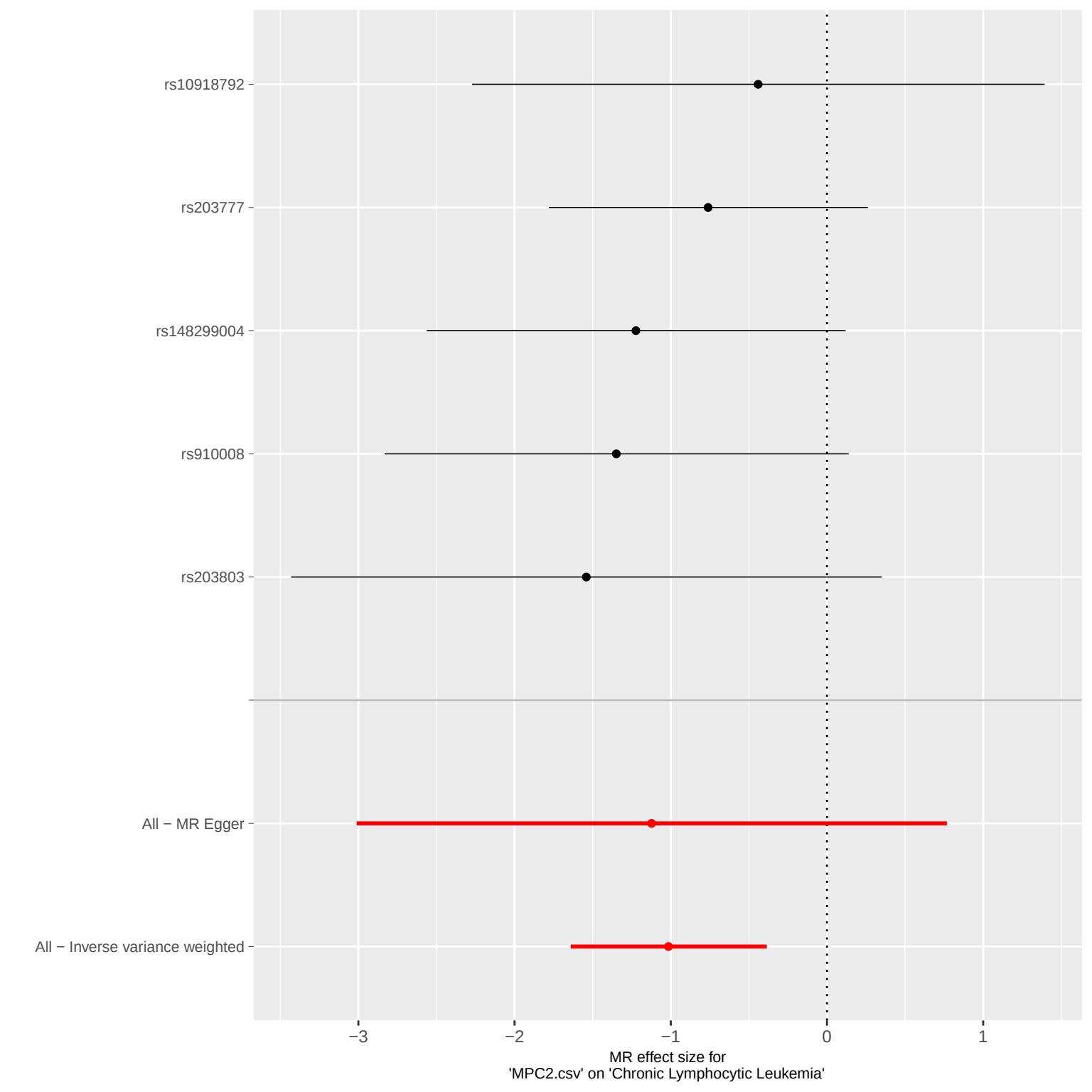
MR effect size for
'MON2.csv' on 'Chronic Lymphocytic Leukemia'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rs203777
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All − MR Egger
All − Inverse variance weighted
−3
−2
−1
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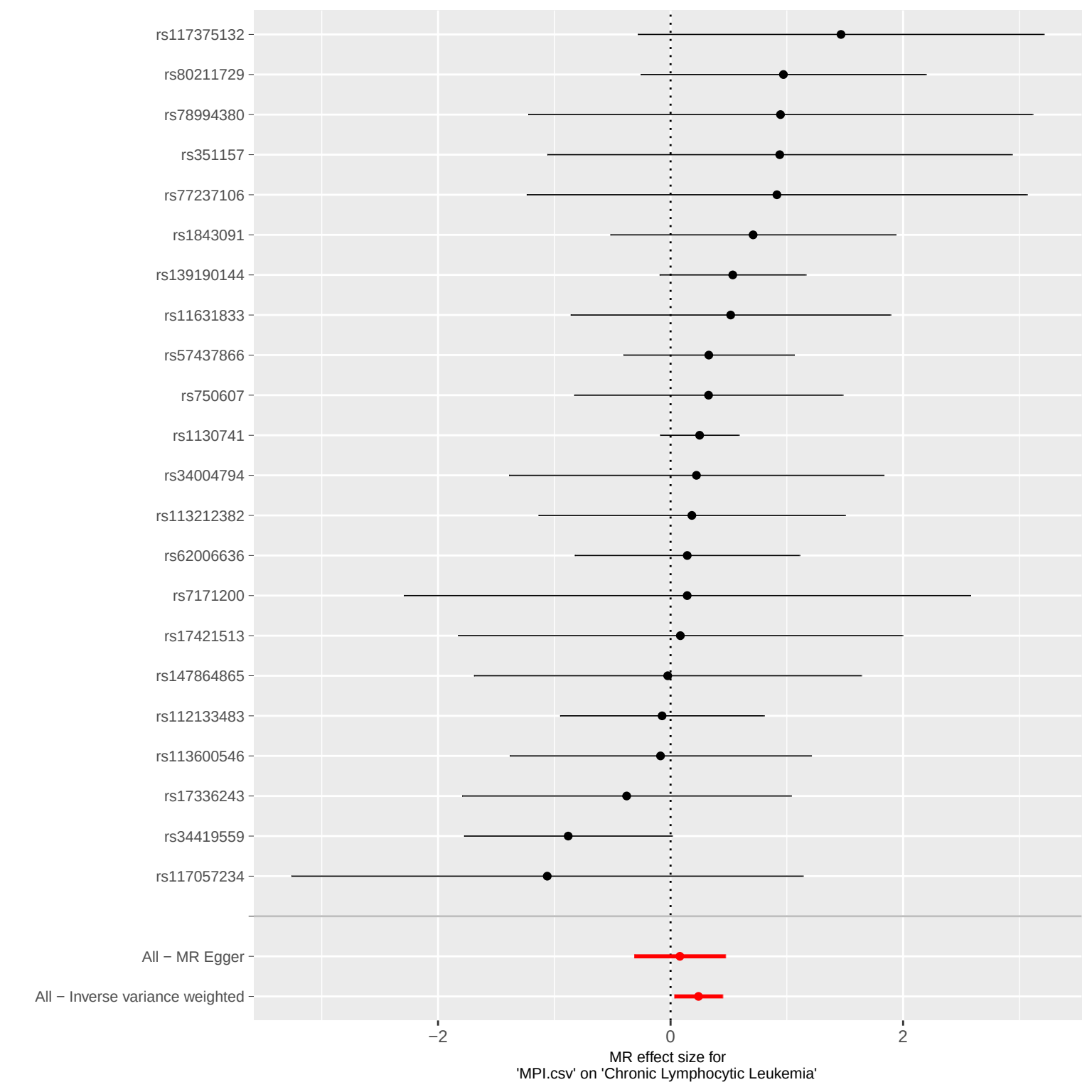
MR effect size for
'MPC2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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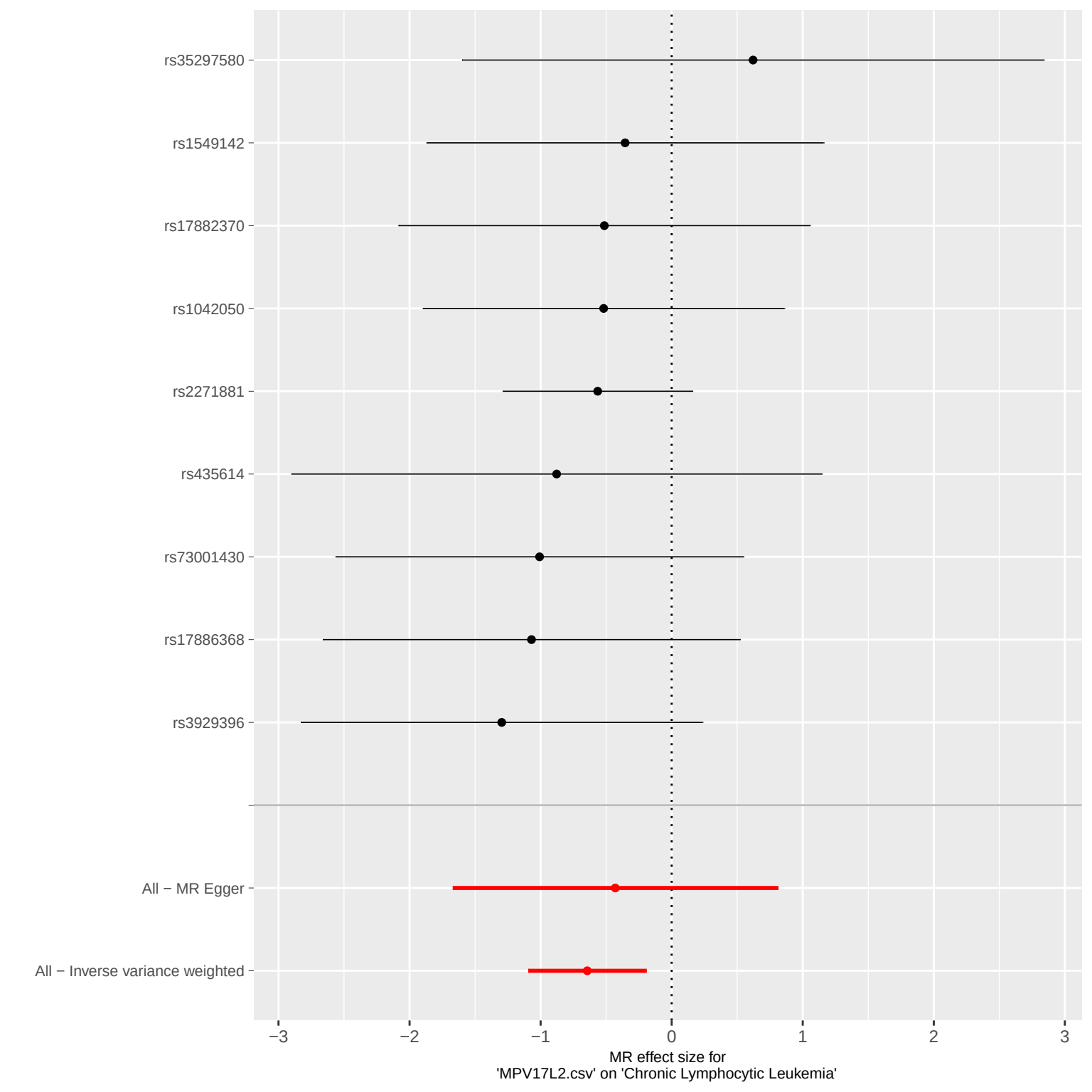
MR effect size for
'MPI.csv' on 'Chronic Lymphocytic Leukemia'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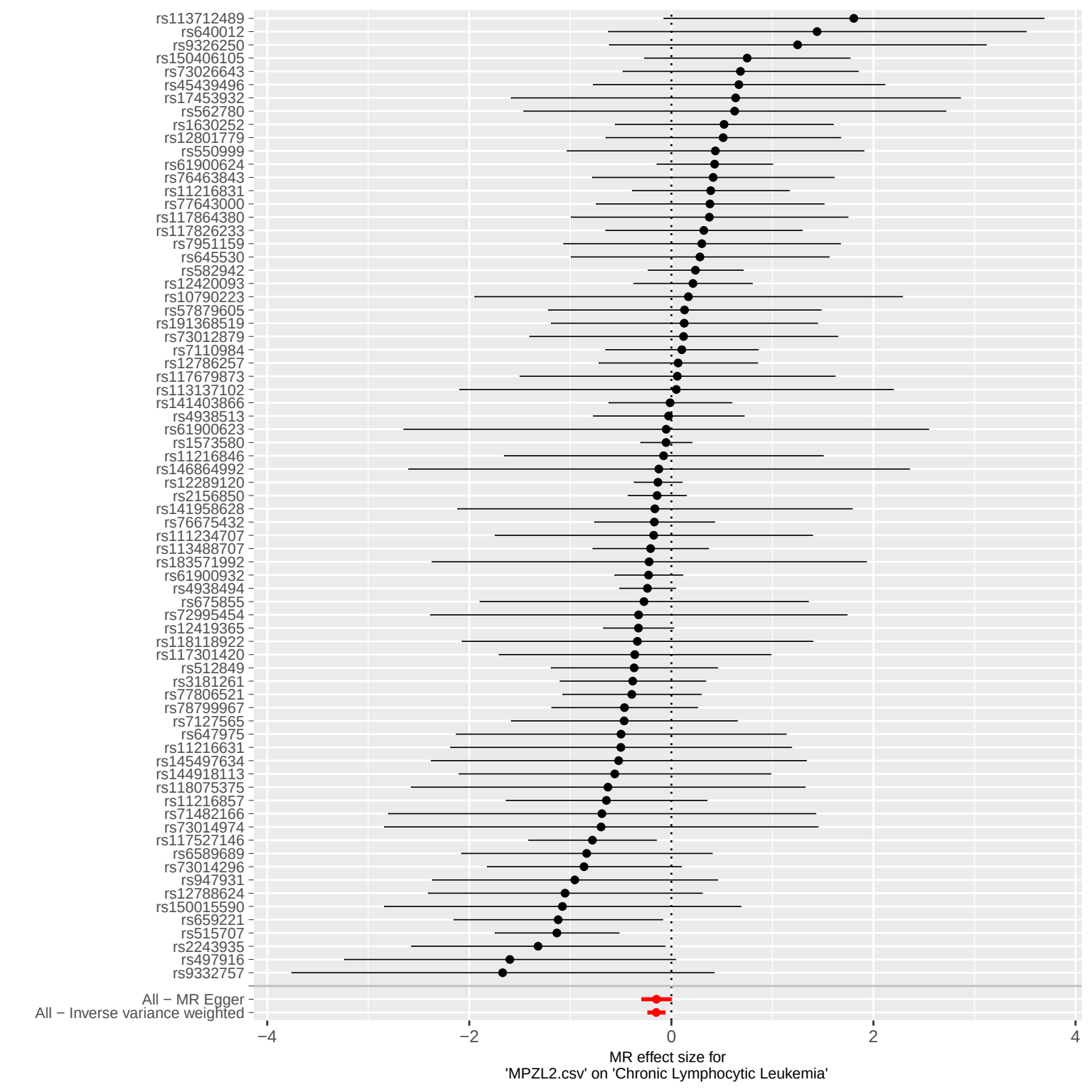
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'MPV17L2.csv' on 'Chronic Lymphocytic Leukemia'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rs73014296
rs947931
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rs150015590
rs659221
rs515707
rs2243935
rs497916
rs9332757
All − MR Egger
All − Inverse variance weighted
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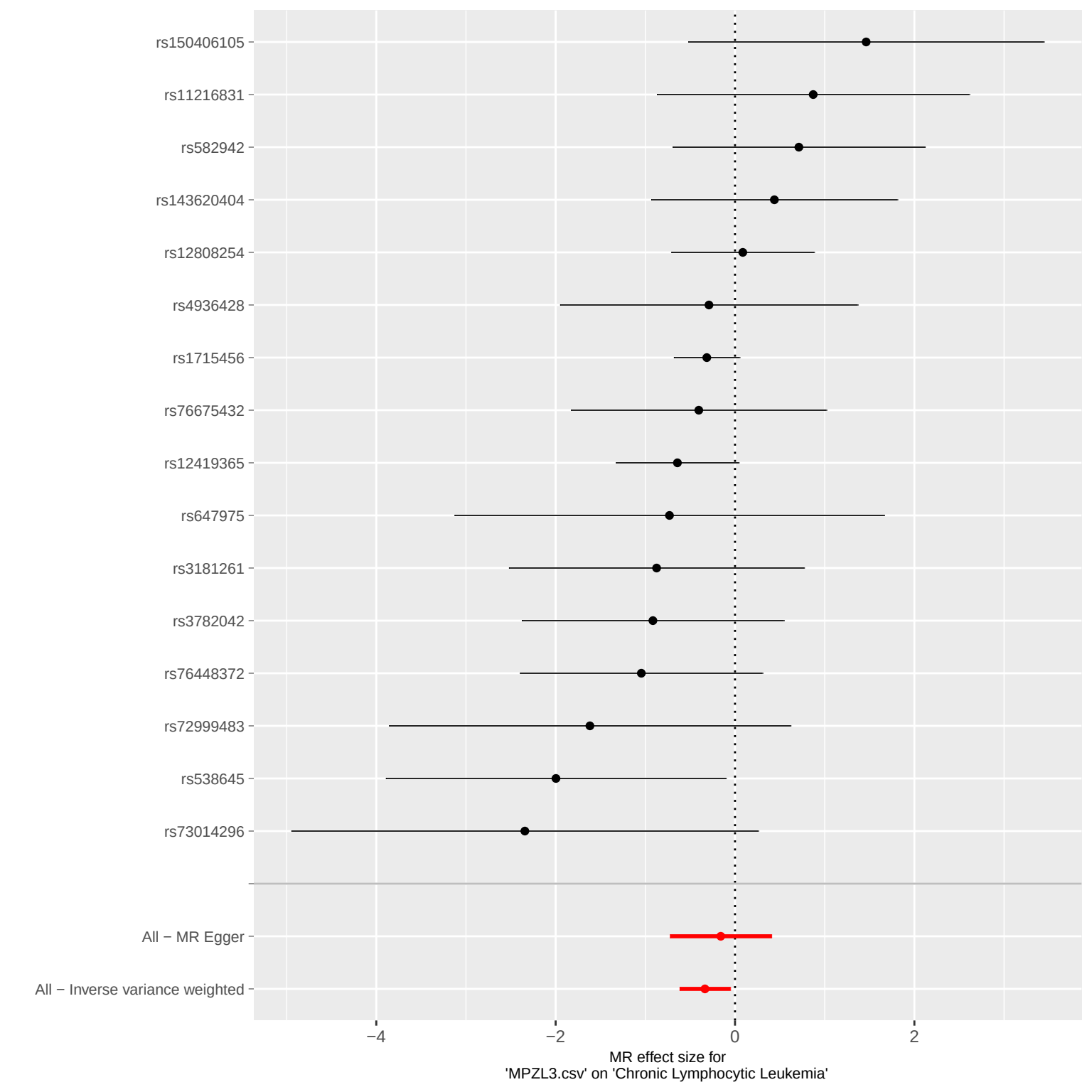
0
2
4
MR effect size for
'MPZL2.csv' on 'Chronic Lymphocytic Leukemia'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rs12419365
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rs3181261
rs3782042
rs76448372
rs72999483
rs538645
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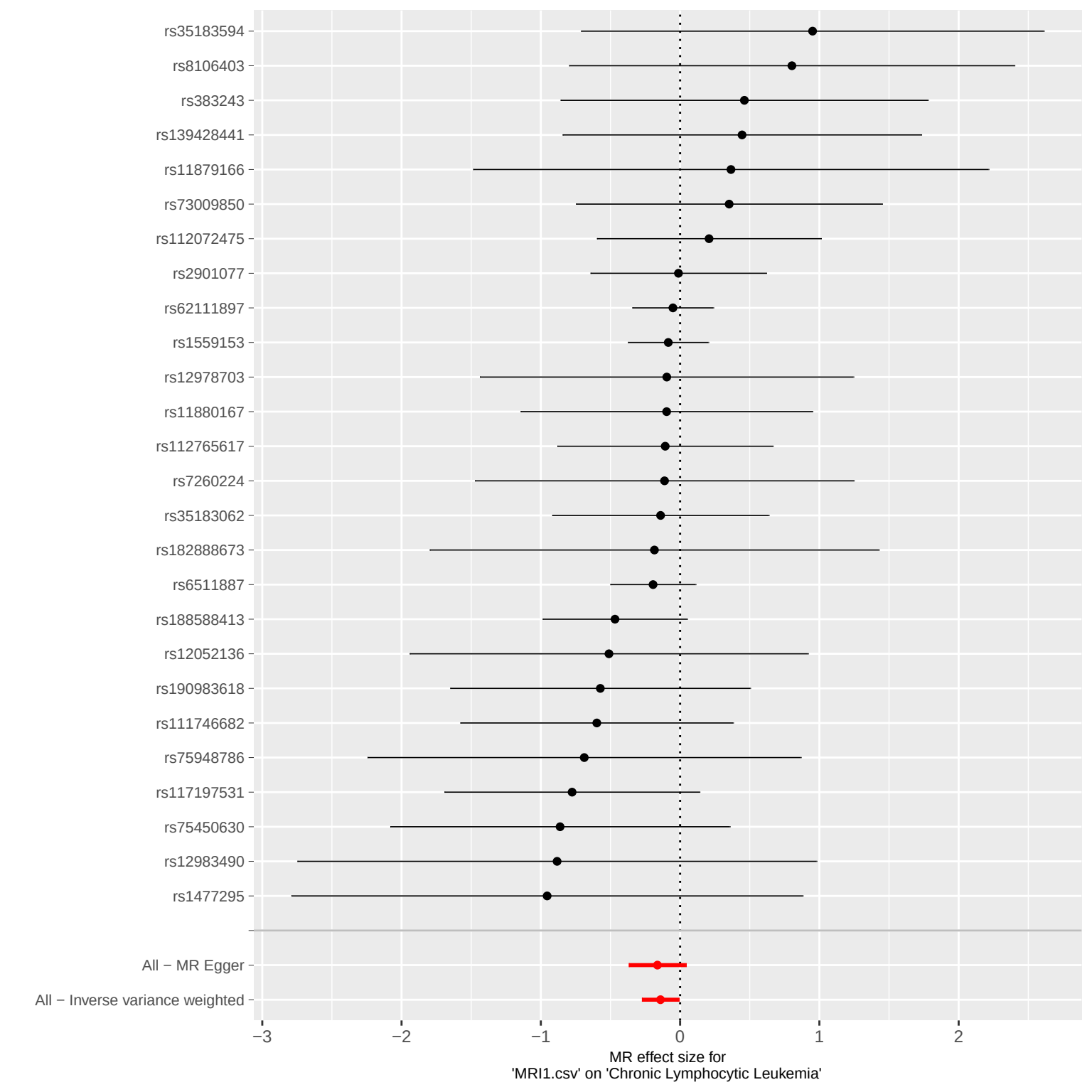
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MPZL3.csv' on 'Chronic Lymphocytic Leukemia'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rs182888673
rs6511887
rs188588413
rs12052136
rs190983618
rs111746682
rs75948786
rs117197531
rs75450630
rs12983490
rs1477295
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
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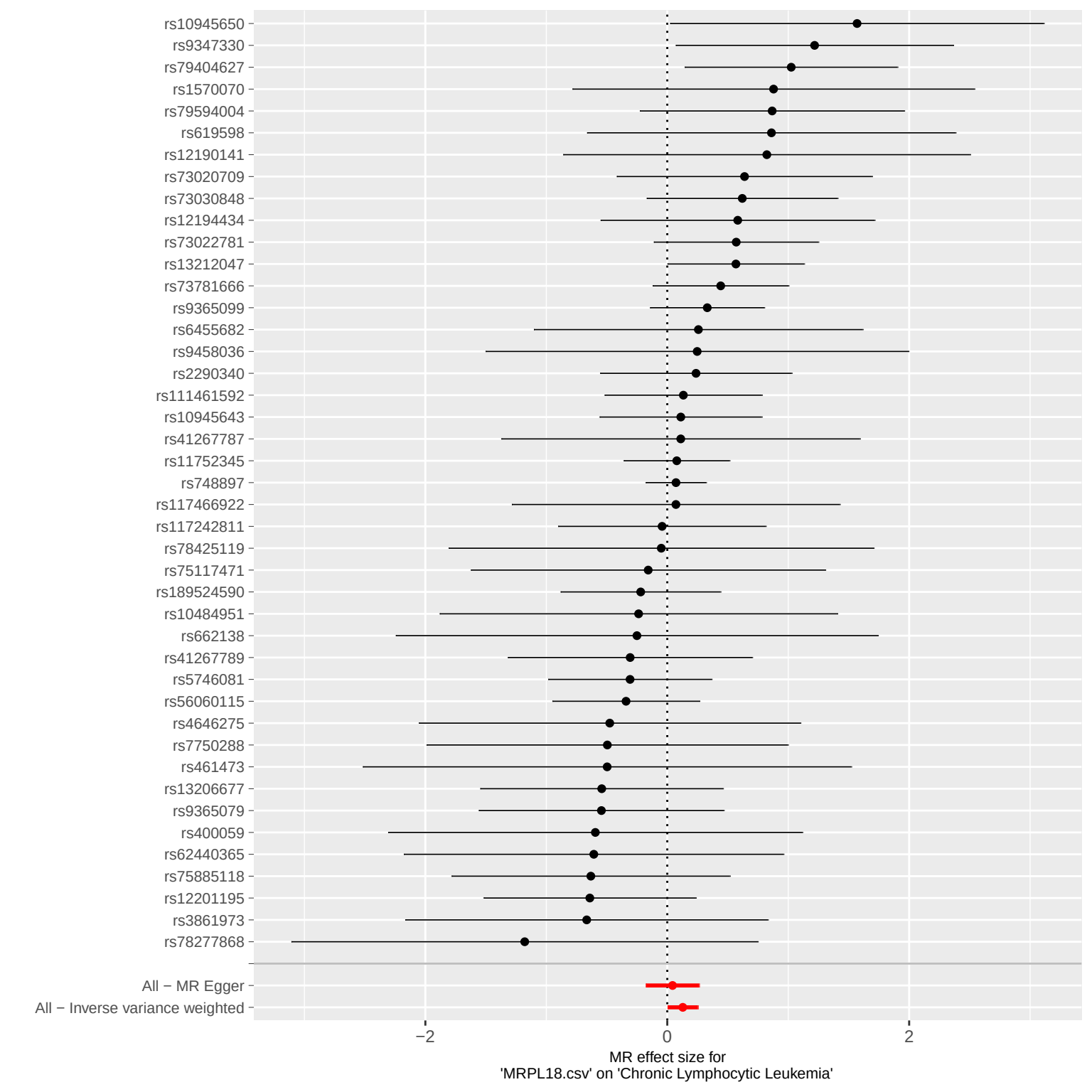
MR effect size for
'MRI1.csv' on 'Chronic Lymphocytic Leukemia'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rs13206677
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rs400059
rs62440365
rs75885118
rs12201195
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All − MR Egger
All − Inverse variance weighted
−2
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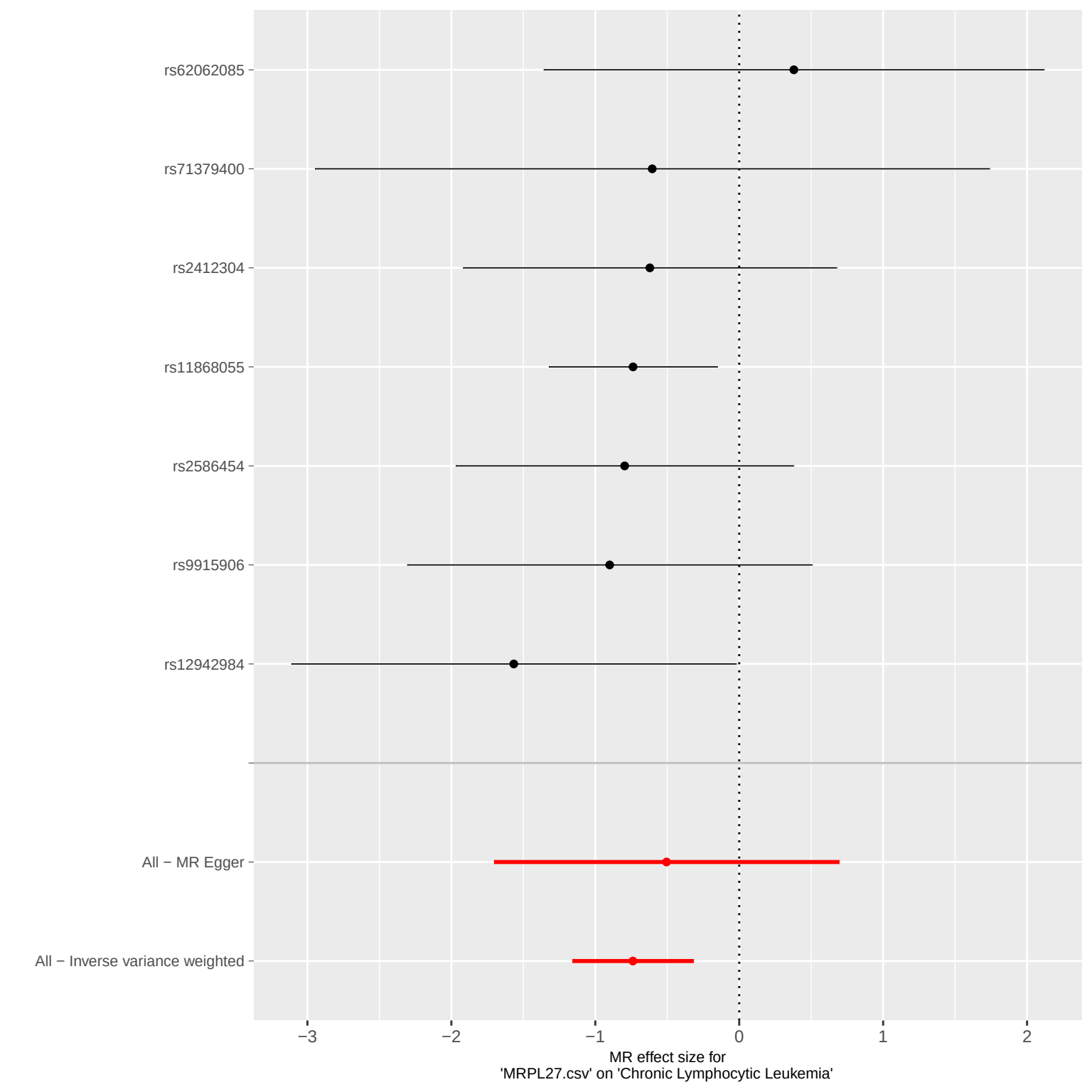
2
MR effect size for
'MRPL18.csv' on 'Chronic Lymphocytic Leukemia'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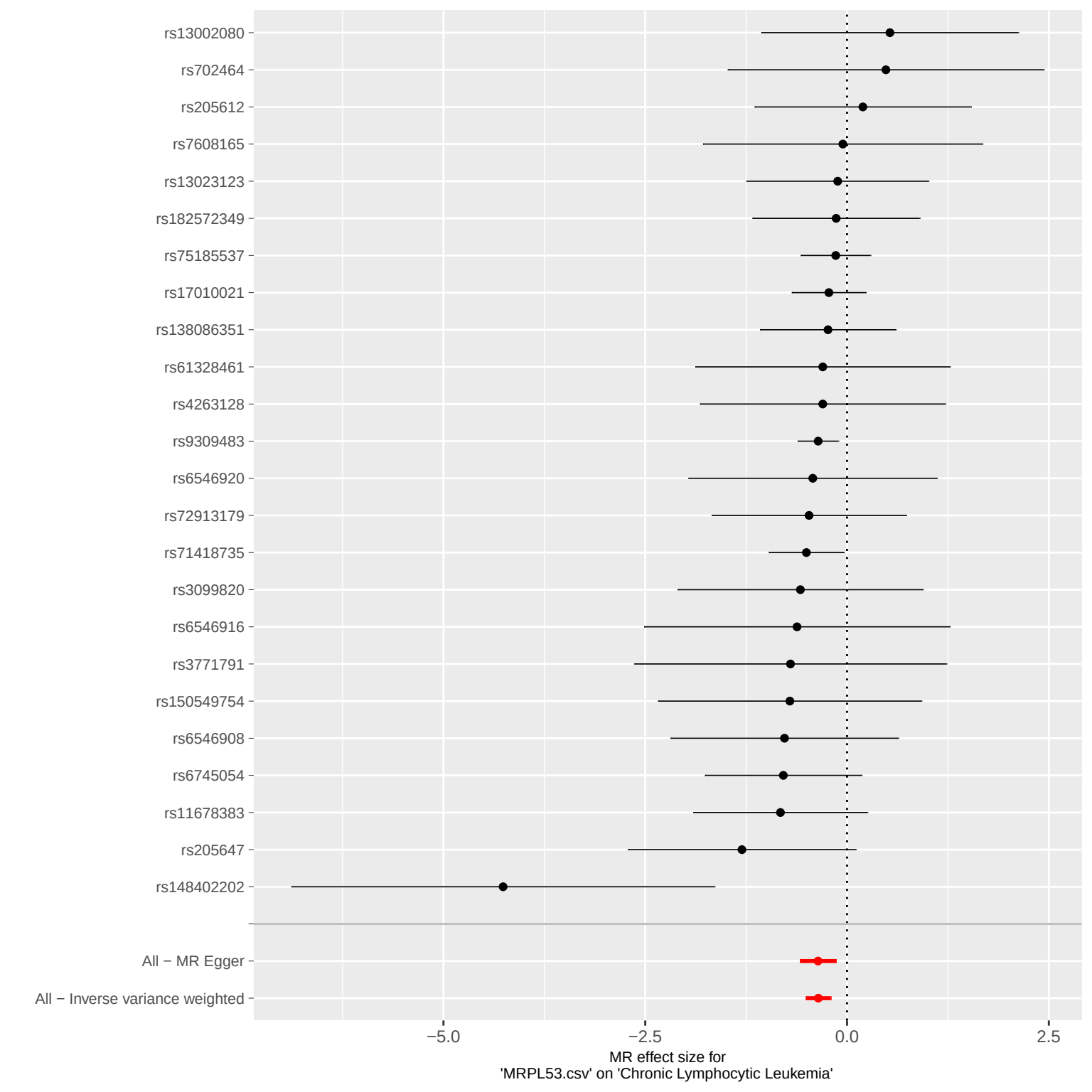
rs12942984
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'MRPL27.csv' on 'Chronic Lymphocytic Leukemia'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rs3771791
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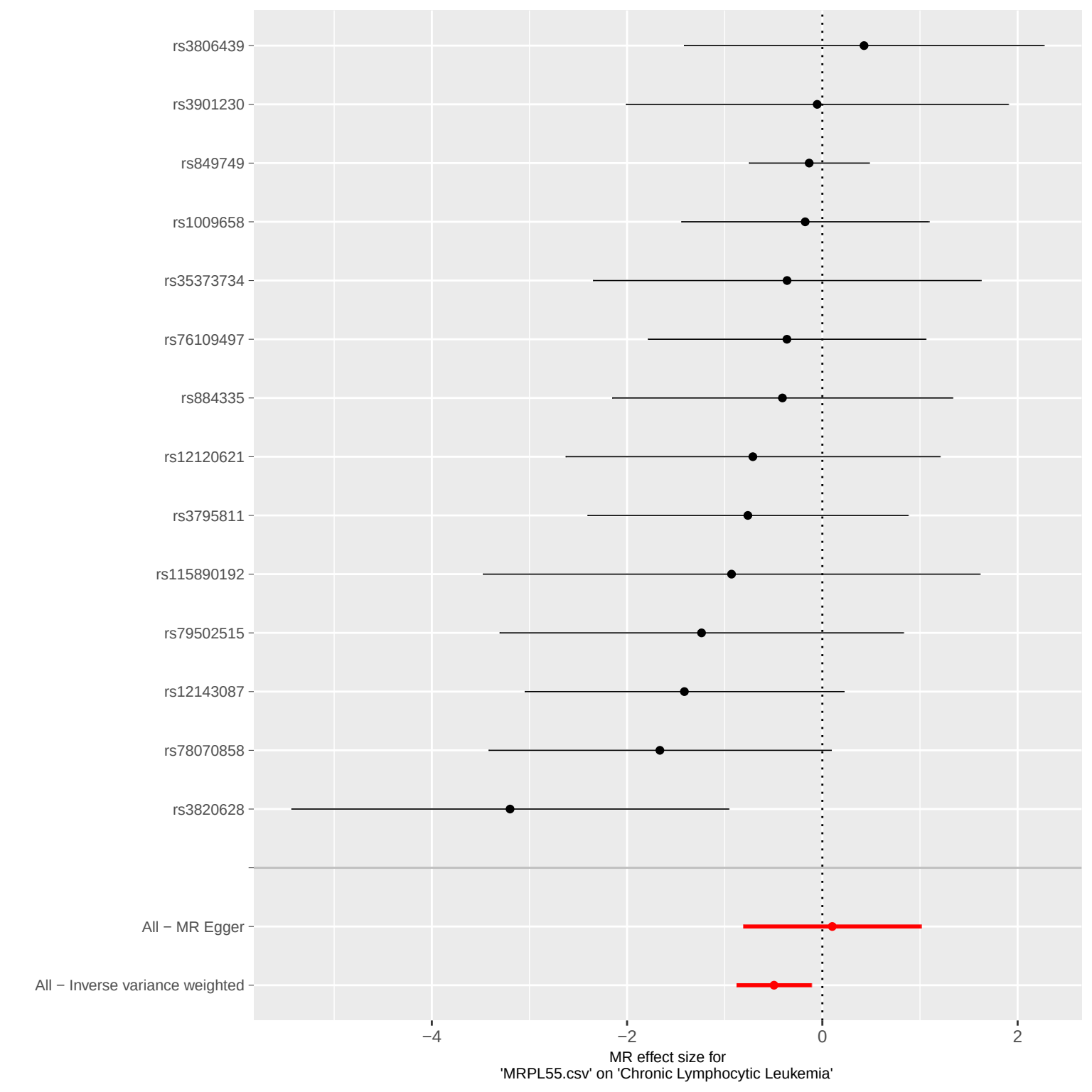
rs205647
rs148402202
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MRPL53.csv' on 'Chronic Lymphocytic Leukemia'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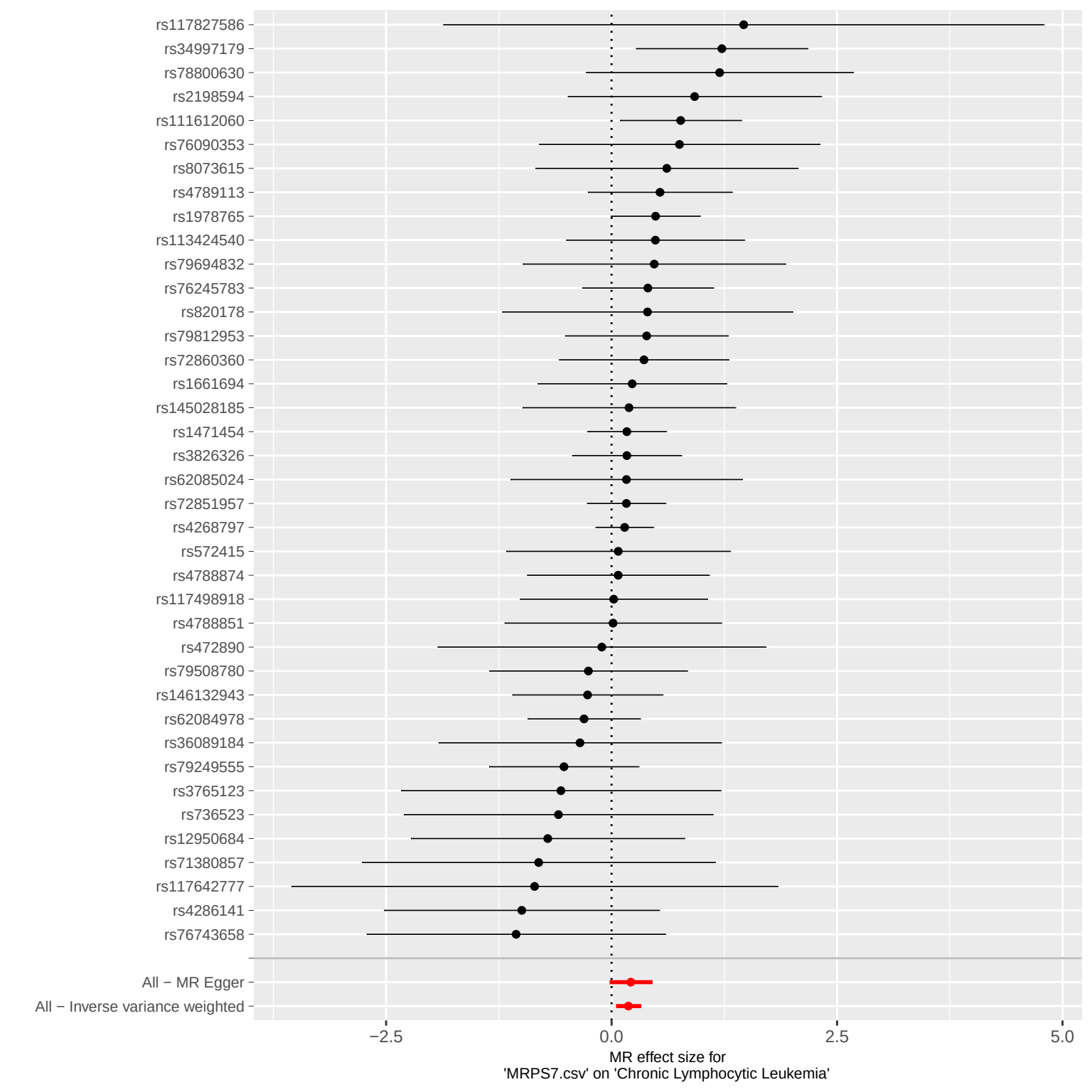
rs79502515
rs12143087
rs78070858
rs3820628
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MRPL55.csv' on 'Chronic Lymphocytic Leukemia'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rs4268797
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rs62084978
rs36089184
rs79249555
rs3765123
rs736523
rs12950684
rs71380857
rs117642777
rs4286141
rs76743658
All − MR Egger
All − Inverse variance weighted
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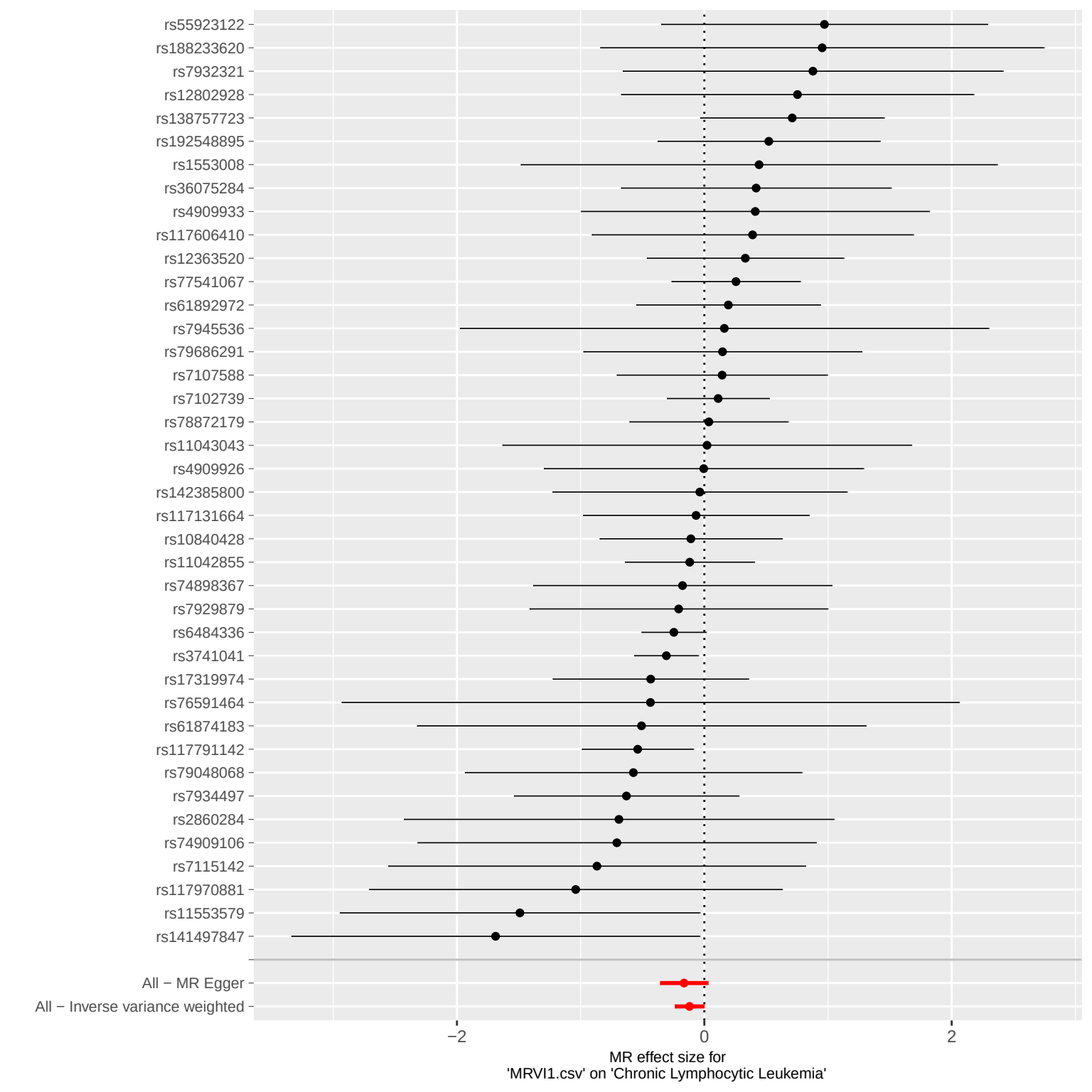
0.0
2.5
5.0
MR effect size for
'MRPS7.csv' on 'Chronic Lymphocytic Leukemia'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rs7115142
rs117970881
rs11553579
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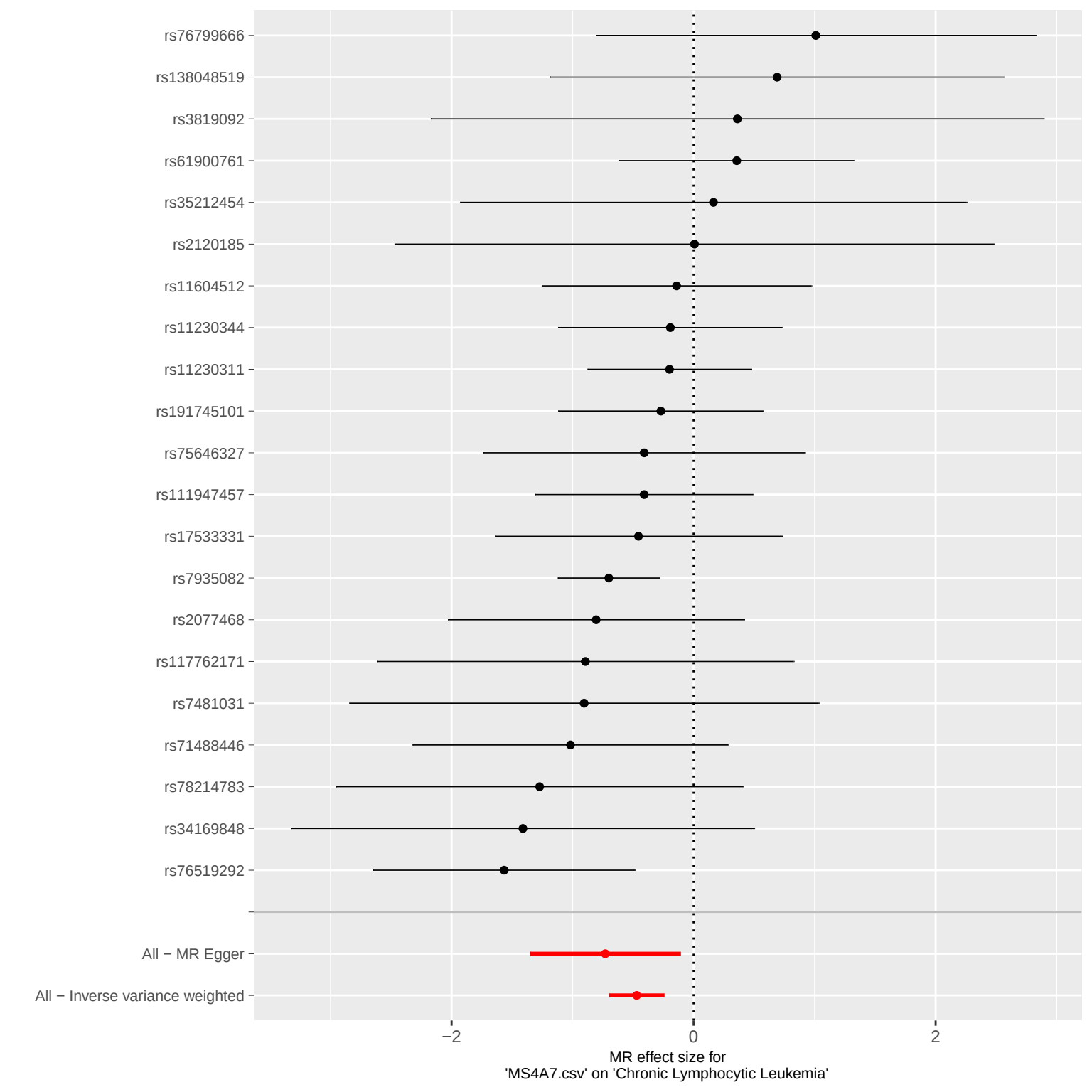
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'MRVI1.csv' on 'Chronic Lymphocytic Leukemia'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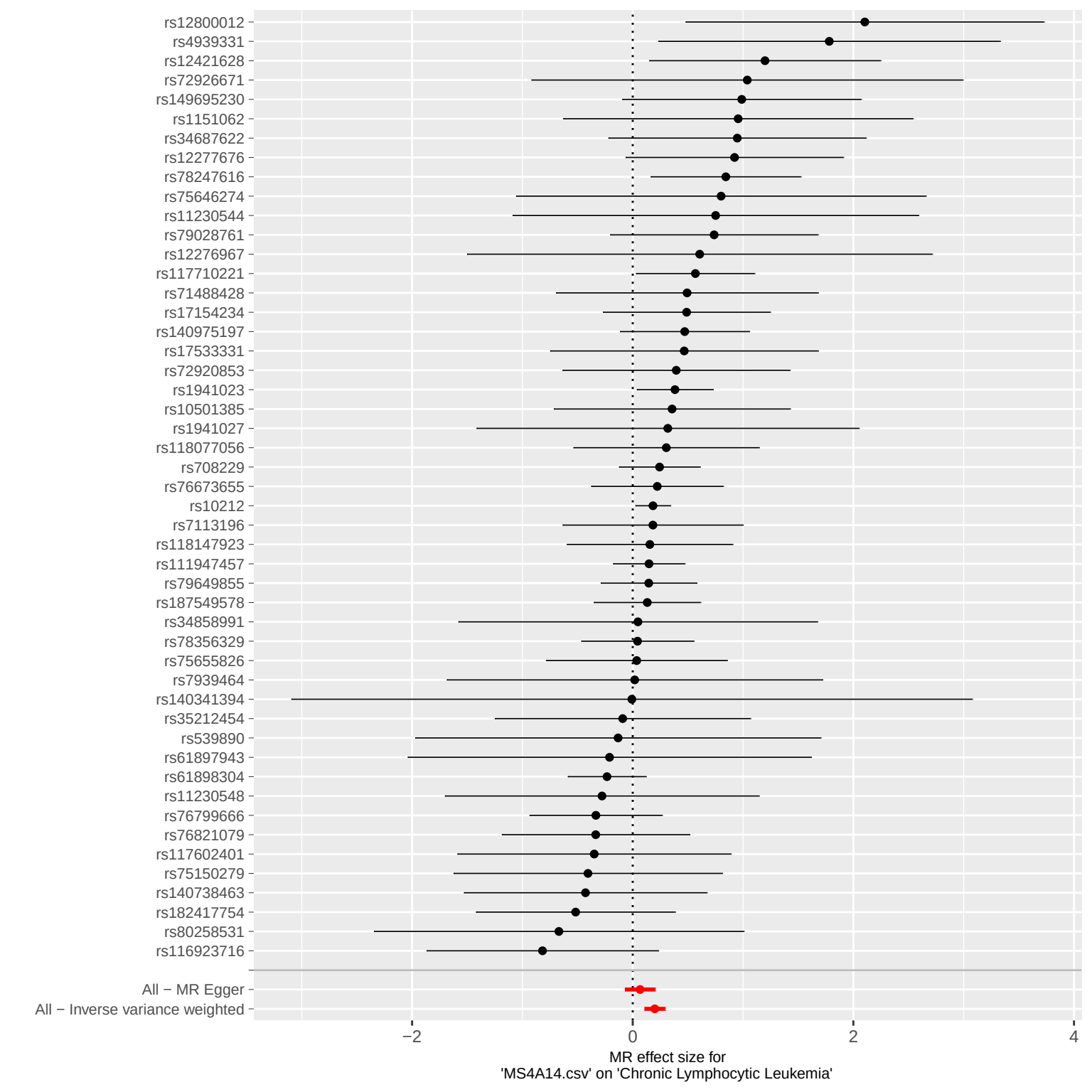
rs111947457
rs17533331
rs7935082
rs2077468
rs117762171
rs7481031
rs71488446
rs78214783
rs34169848
rs76519292
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'MS4A7.csv' on 'Chronic Lymphocytic Leukemia'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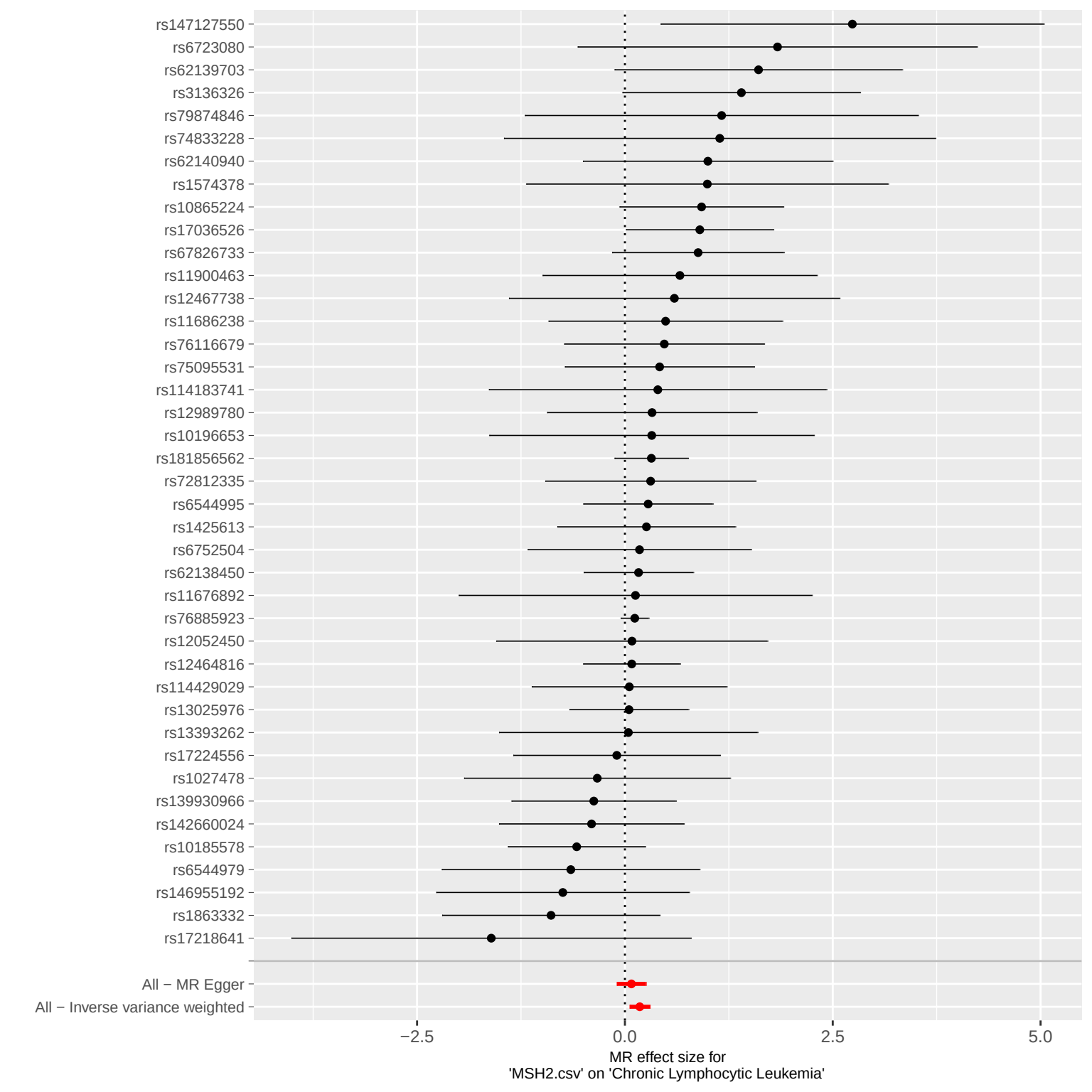
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'MS4A14.csv' on 'Chronic Lymphocytic Leukemia'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rs11686238
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rs17224556
rs1027478
rs139930966
rs142660024
rs10185578
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rs146955192
rs1863332
rs17218641
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All − Inverse variance weighted
−2.5
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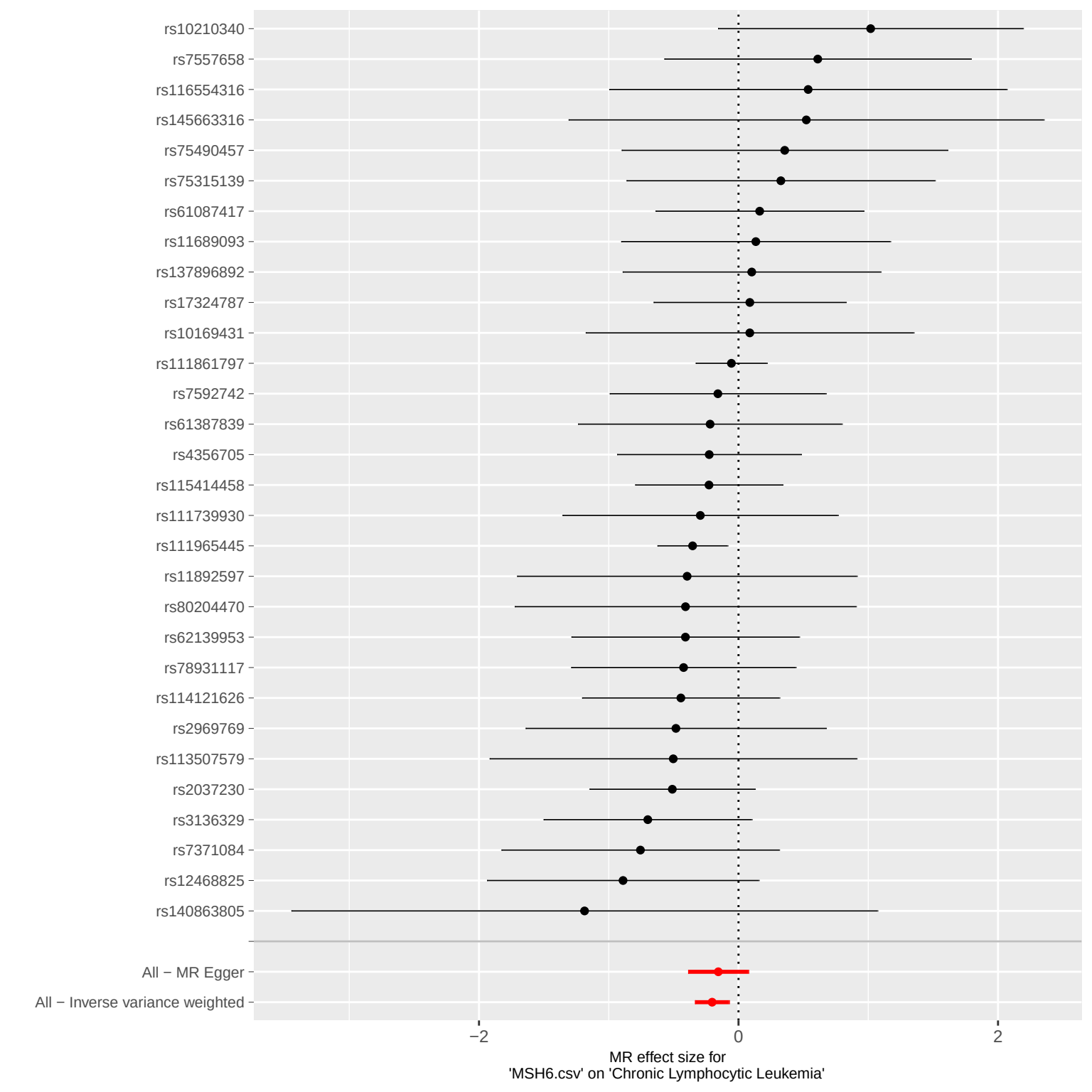
2.5
5.0
MR effect size for
'MSH2.csv' on 'Chronic Lymphocytic Leukemia'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rs78931117
rs114121626
rs2969769
rs113507579
rs2037230
rs3136329
rs7371084
rs12468825
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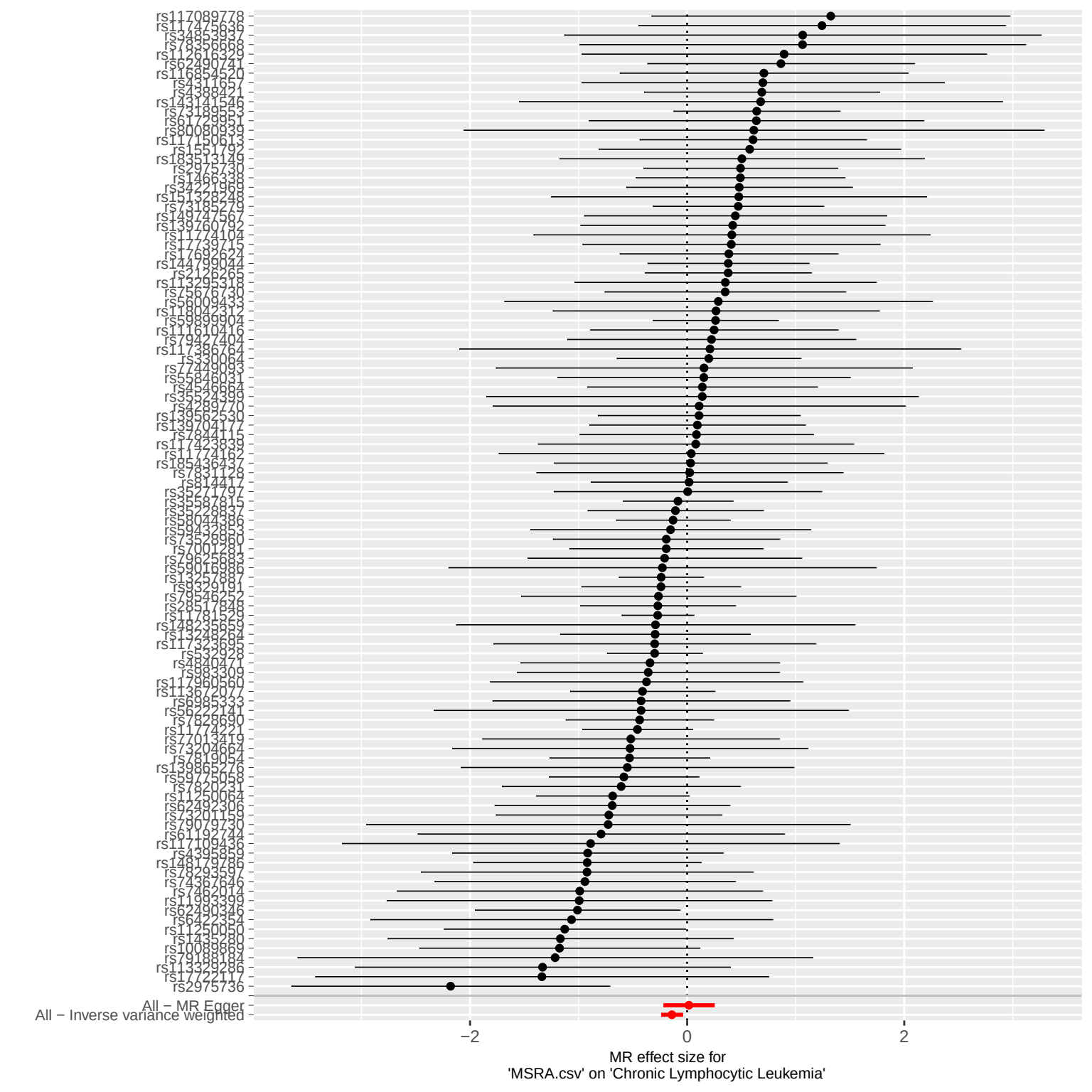
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'MSH6.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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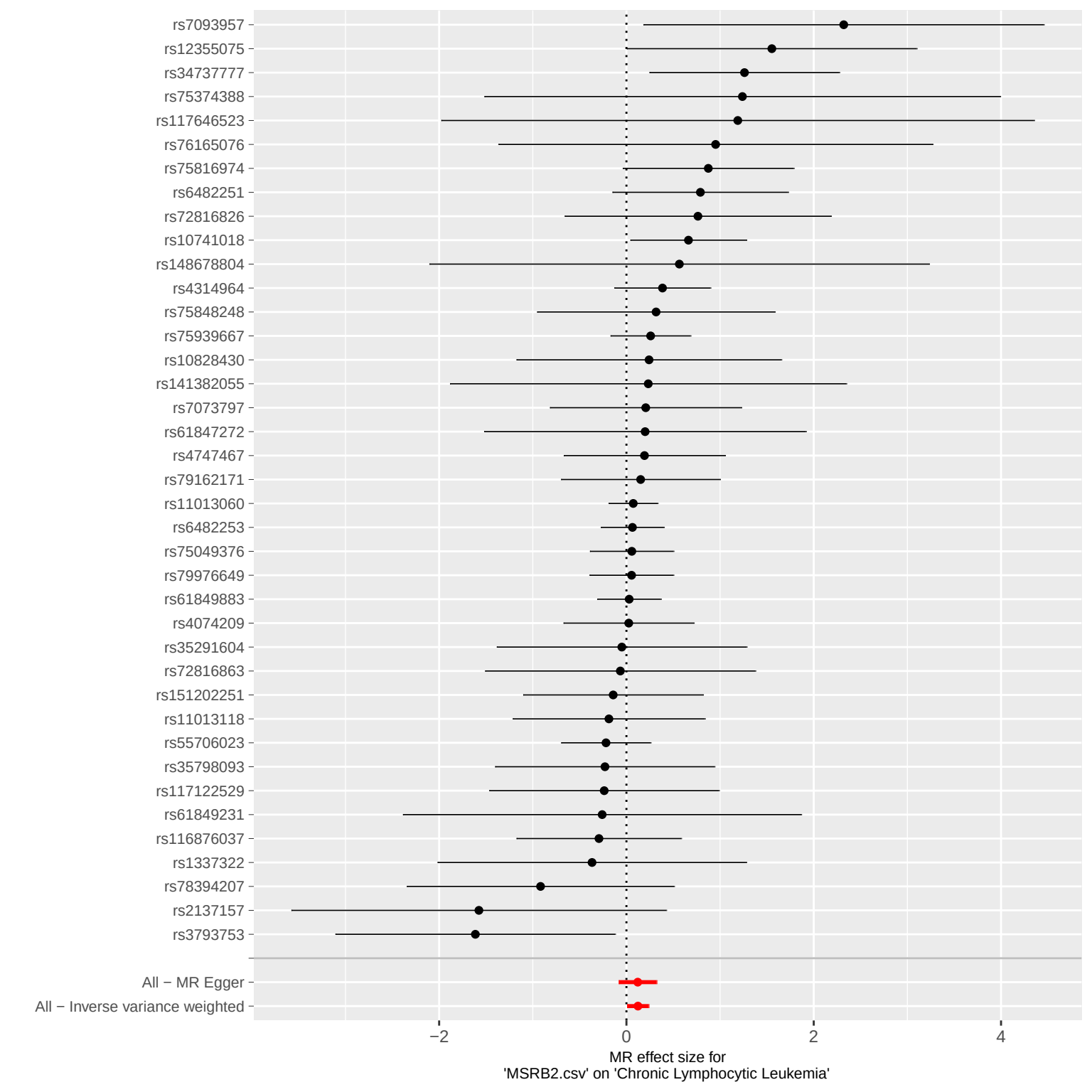
0
2
MR effect size for
'MSRA.csv' on 'Chronic Lymphocytic Leukemia'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rs55706023
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All − MR Egger
All − Inverse variance weighted
−2
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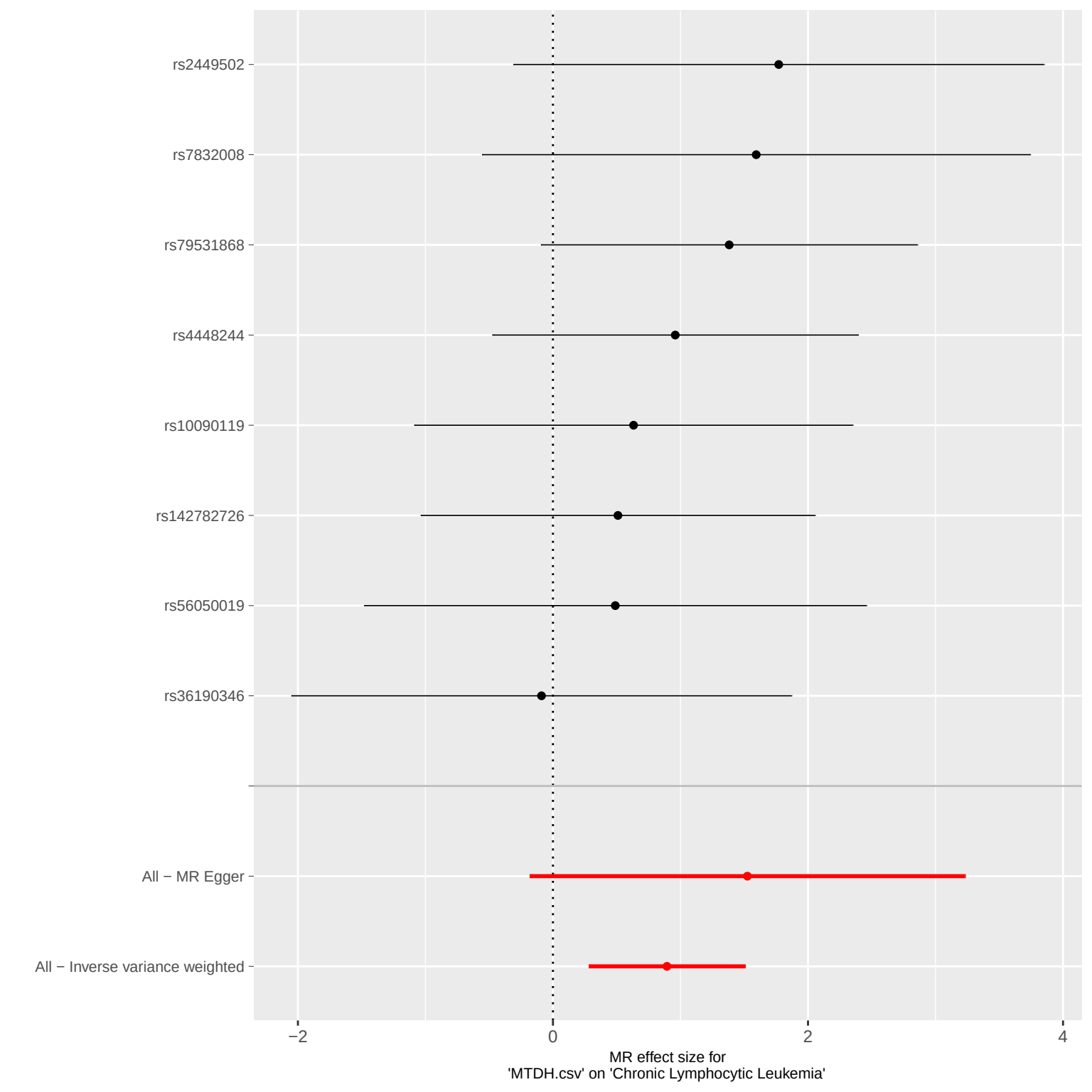
4
MR effect size for
'MSRB2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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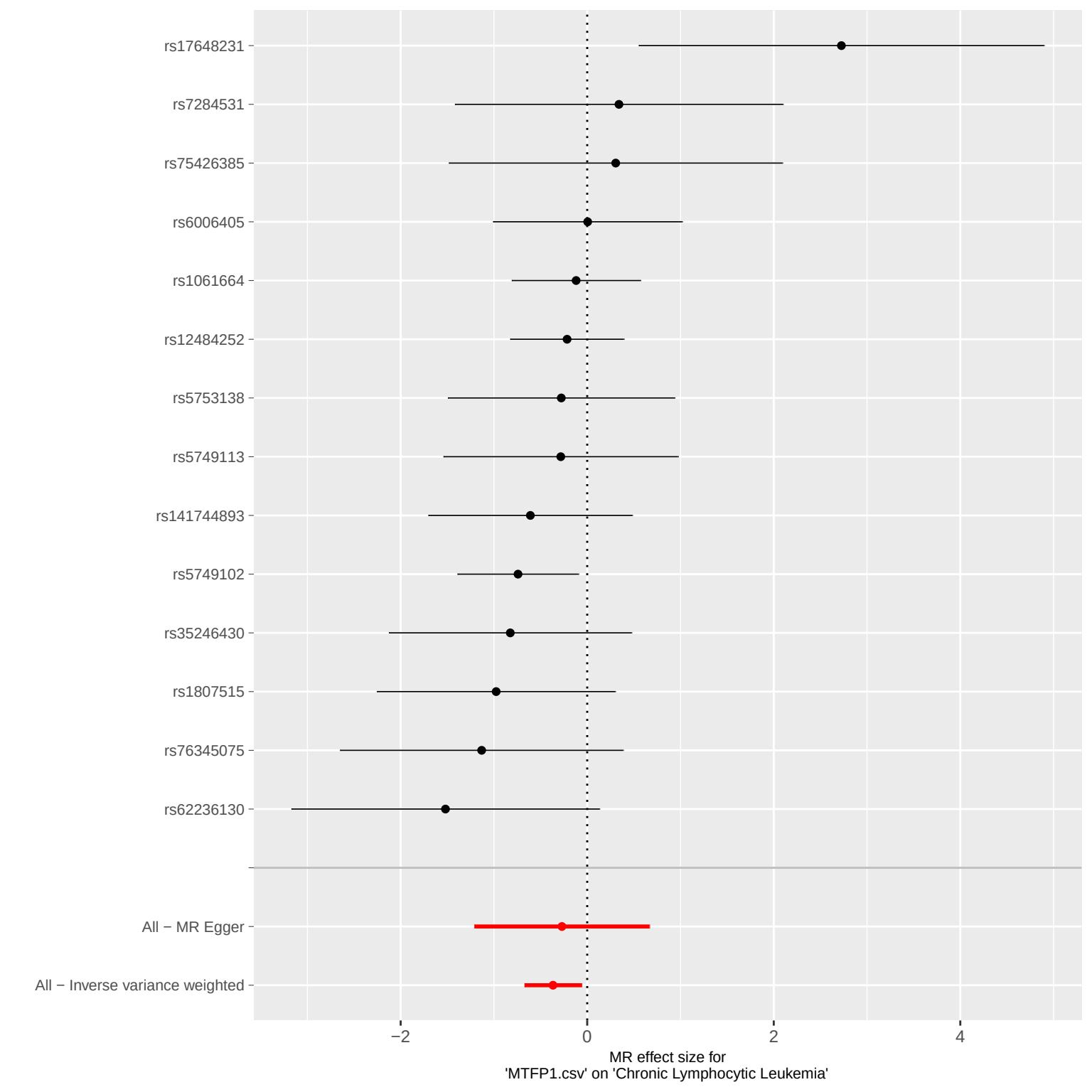
2
4
MR effect size for
'MTDH.csv' on 'Chronic Lymphocytic Leukemia'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rs35246430
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rs76345075
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All − MR Egger
All − Inverse variance weighted
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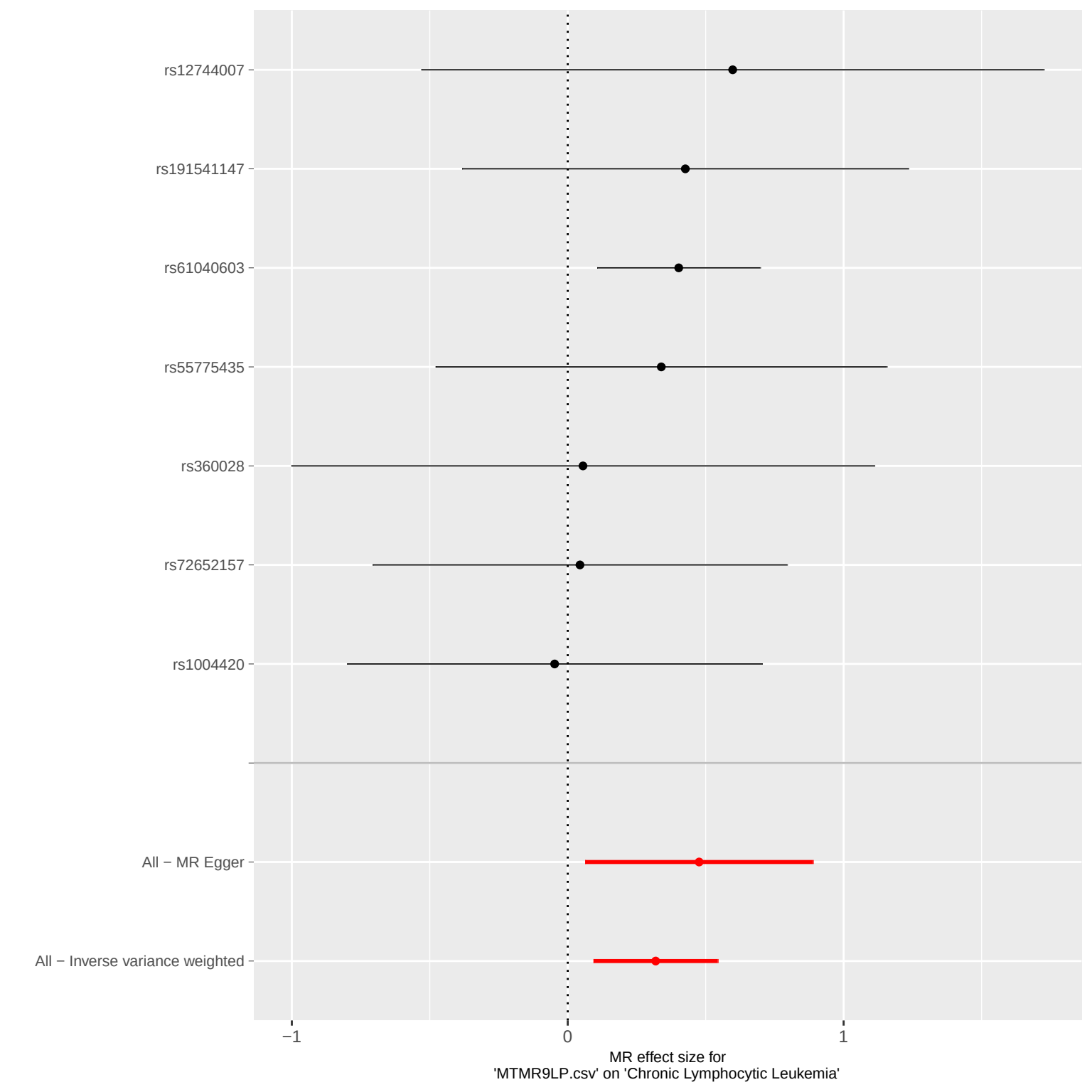
MR effect size for
'MTFP1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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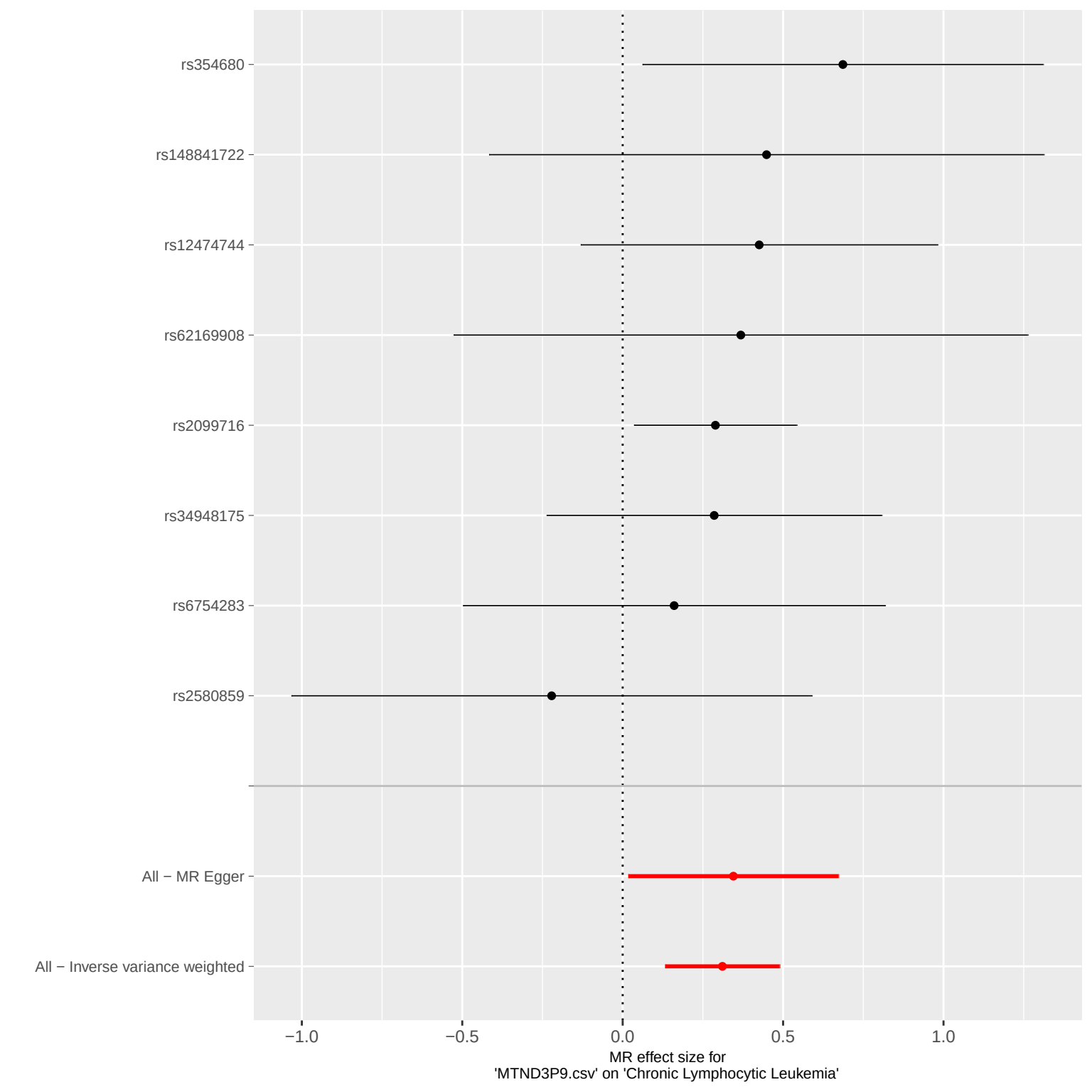
MR effect size for
'MTMR9LP.csv' on 'Chronic Lymphocytic Leukemia'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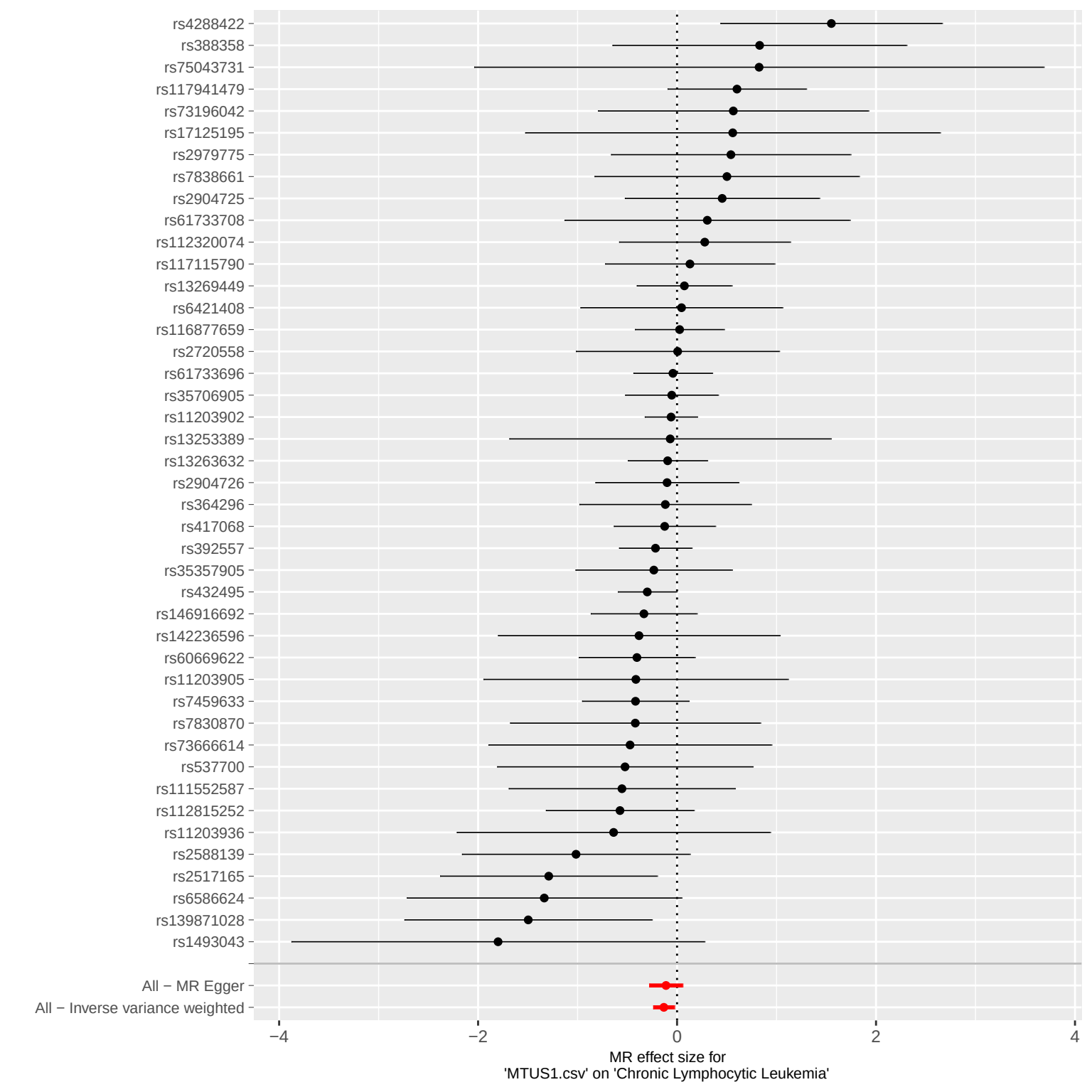
0.5
1.0
MR effect size for
'MTND3P9.csv' on 'Chronic Lymphocytic Leukemia'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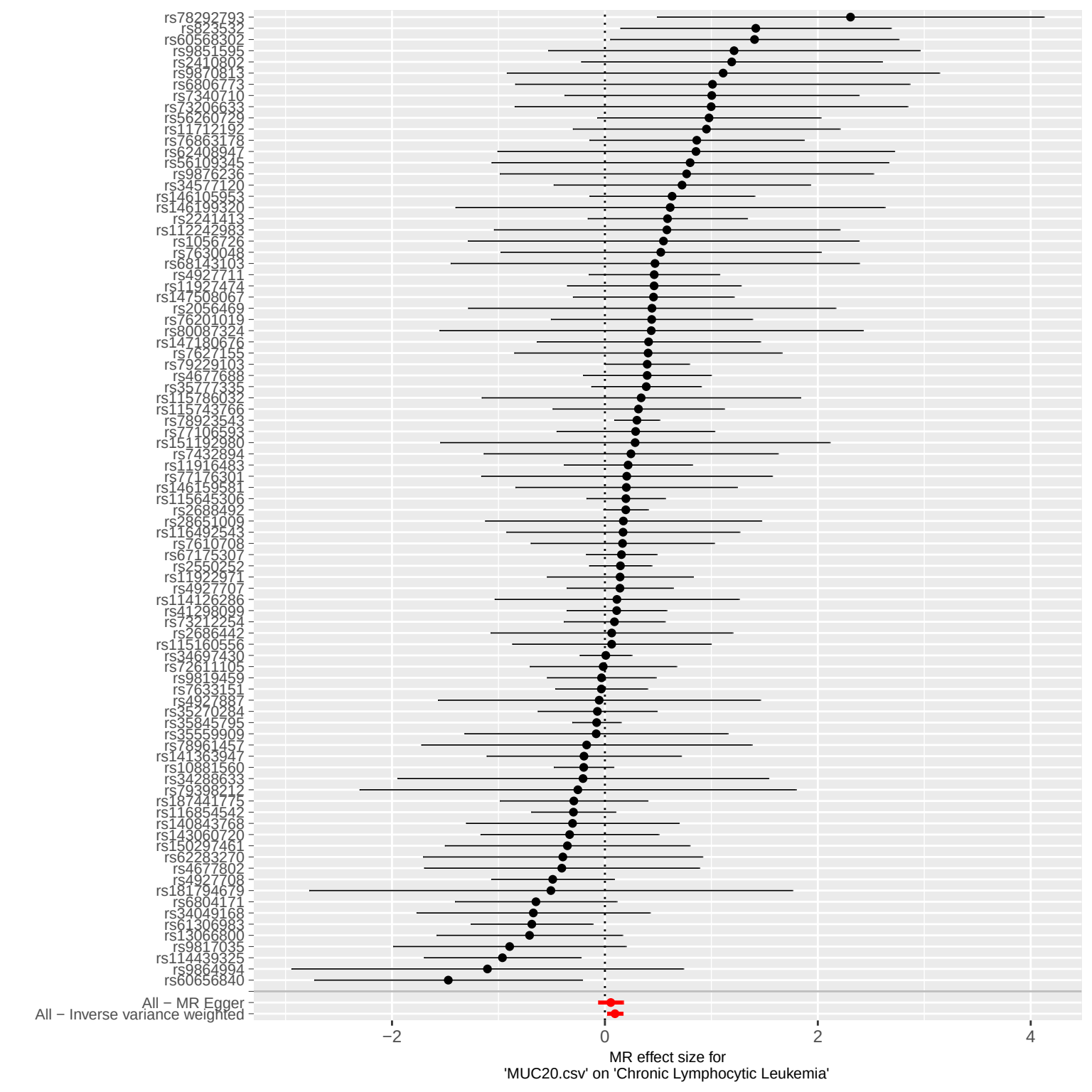
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'MTUS1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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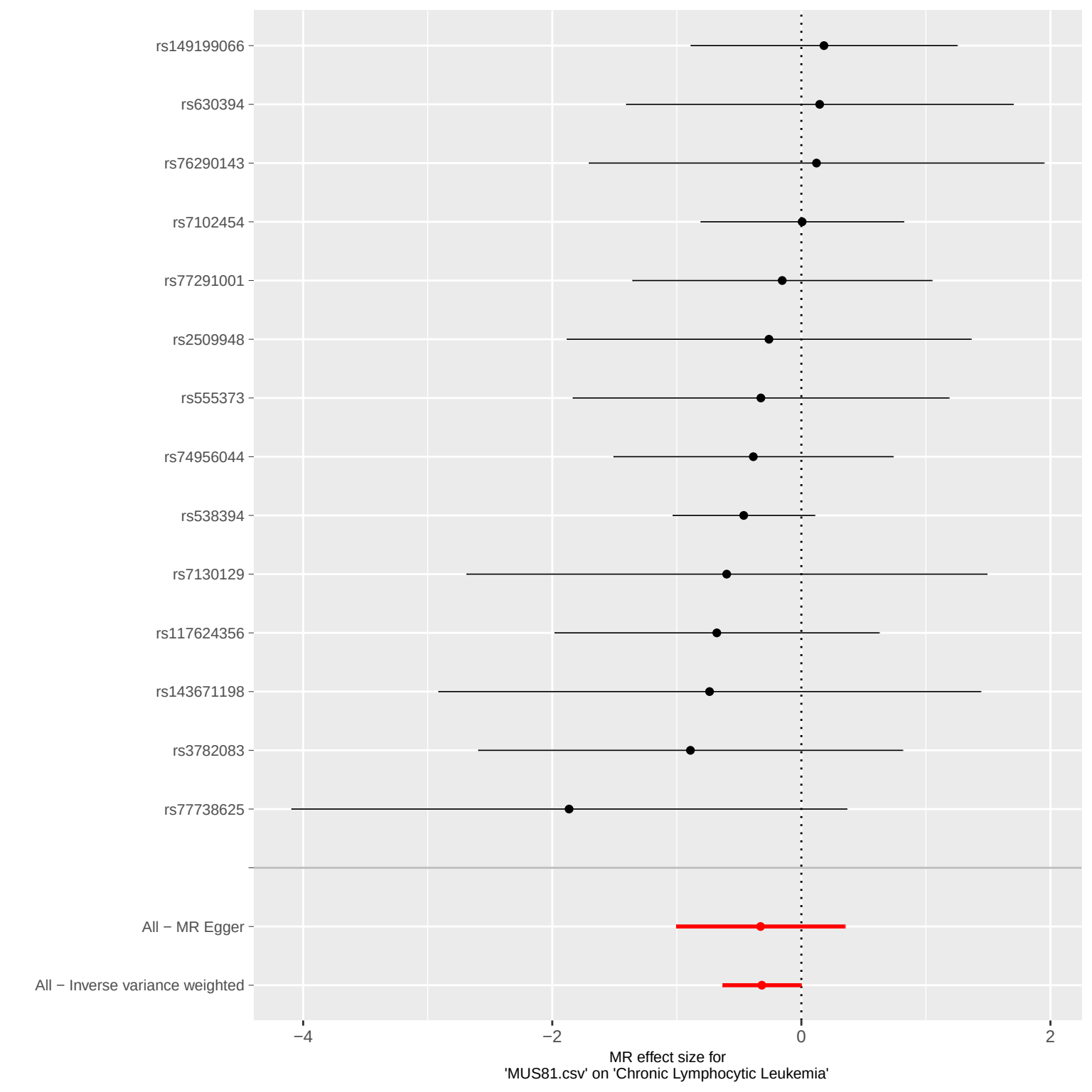
MR effect size for
'MUC20.csv' on 'Chronic Lymphocytic Leukemia'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rs77291001
rs2509948
rs555373
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rs538394
rs7130129
rs117624356
rs143671198
rs3782083
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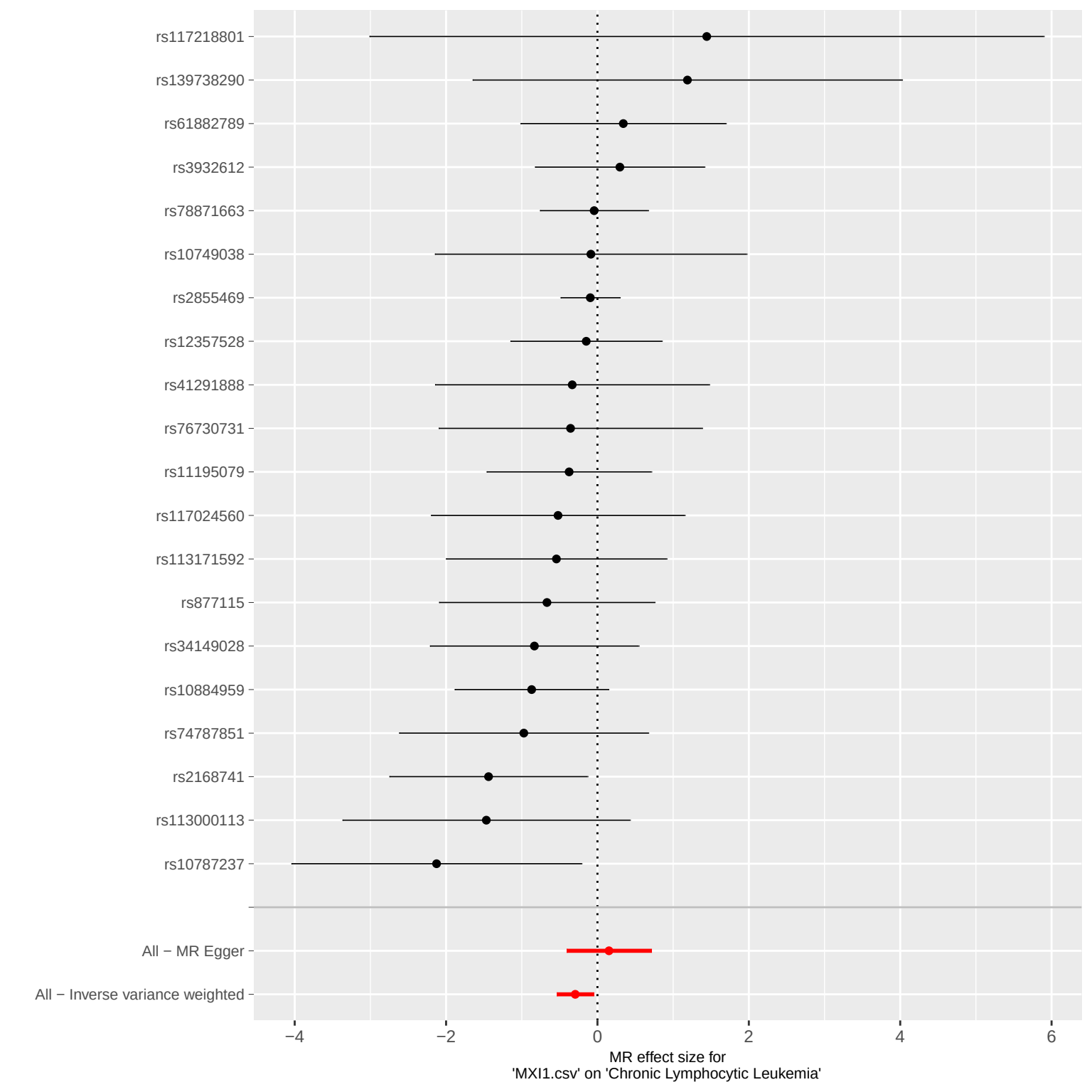
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MUS81.csv' on 'Chronic Lymphocytic Leukemia'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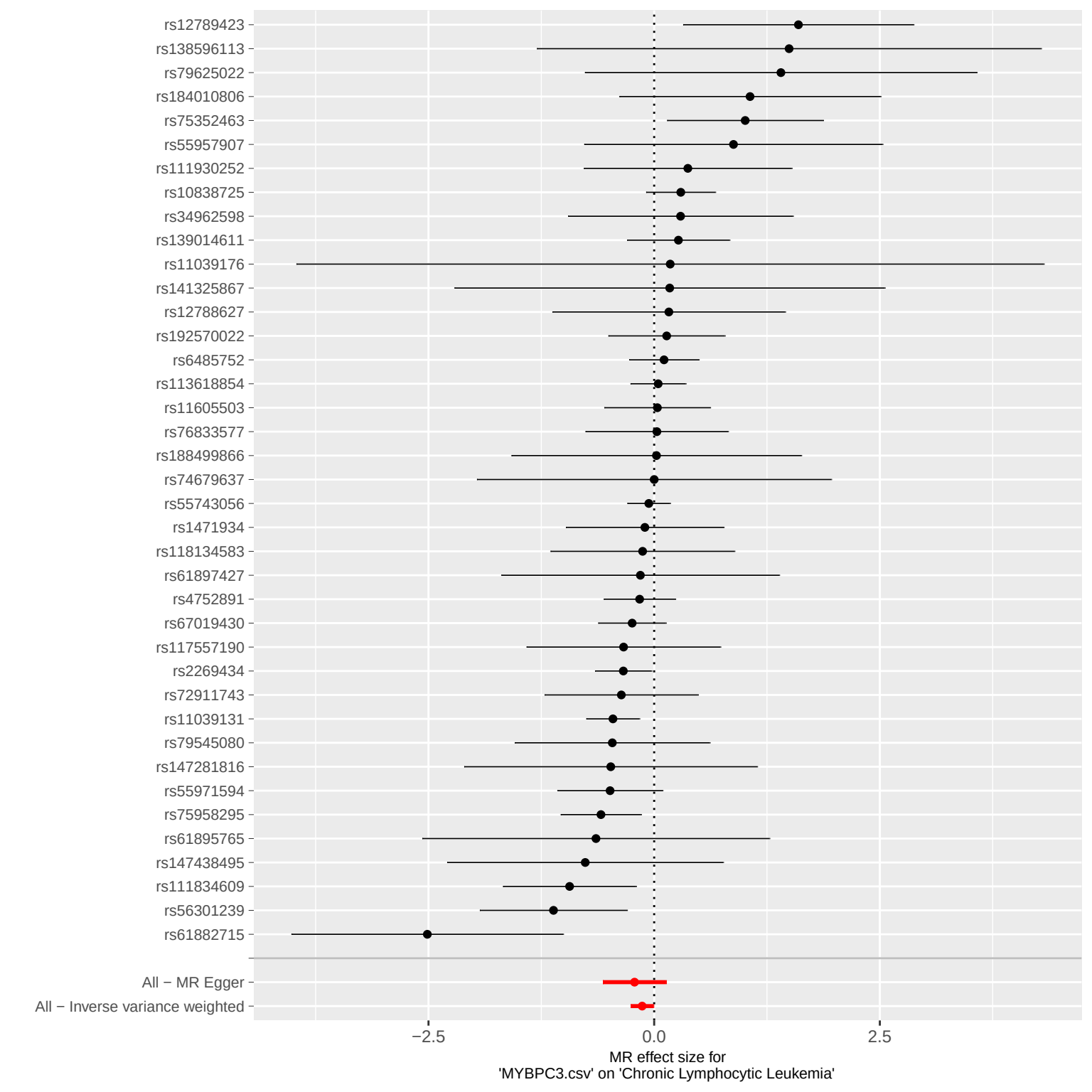
rs34149028
rs10884959
rs74787851
rs2168741
rs113000113
rs10787237
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'MXI1.csv' on 'Chronic Lymphocytic Leukemia'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rs55971594
rs75958295
rs61895765
rs147438495
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rs56301239
rs61882715
All − MR Egger
All − Inverse variance weighted
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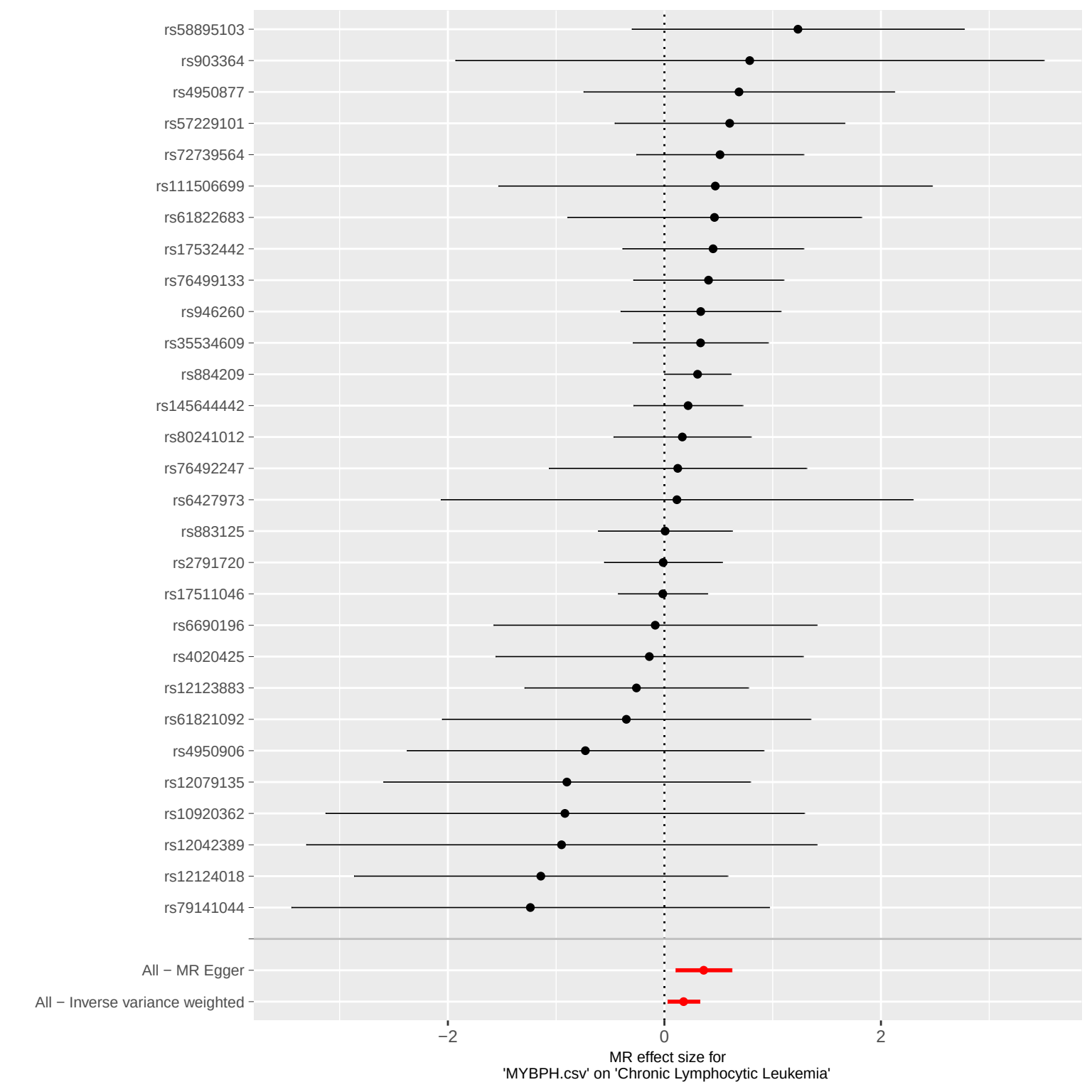
0.0
2.5
MR effect size for
'MYBPC3.csv' on 'Chronic Lymphocytic Leukemia'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rs79141044
All − MR Egger
All − Inverse variance weighted
−2
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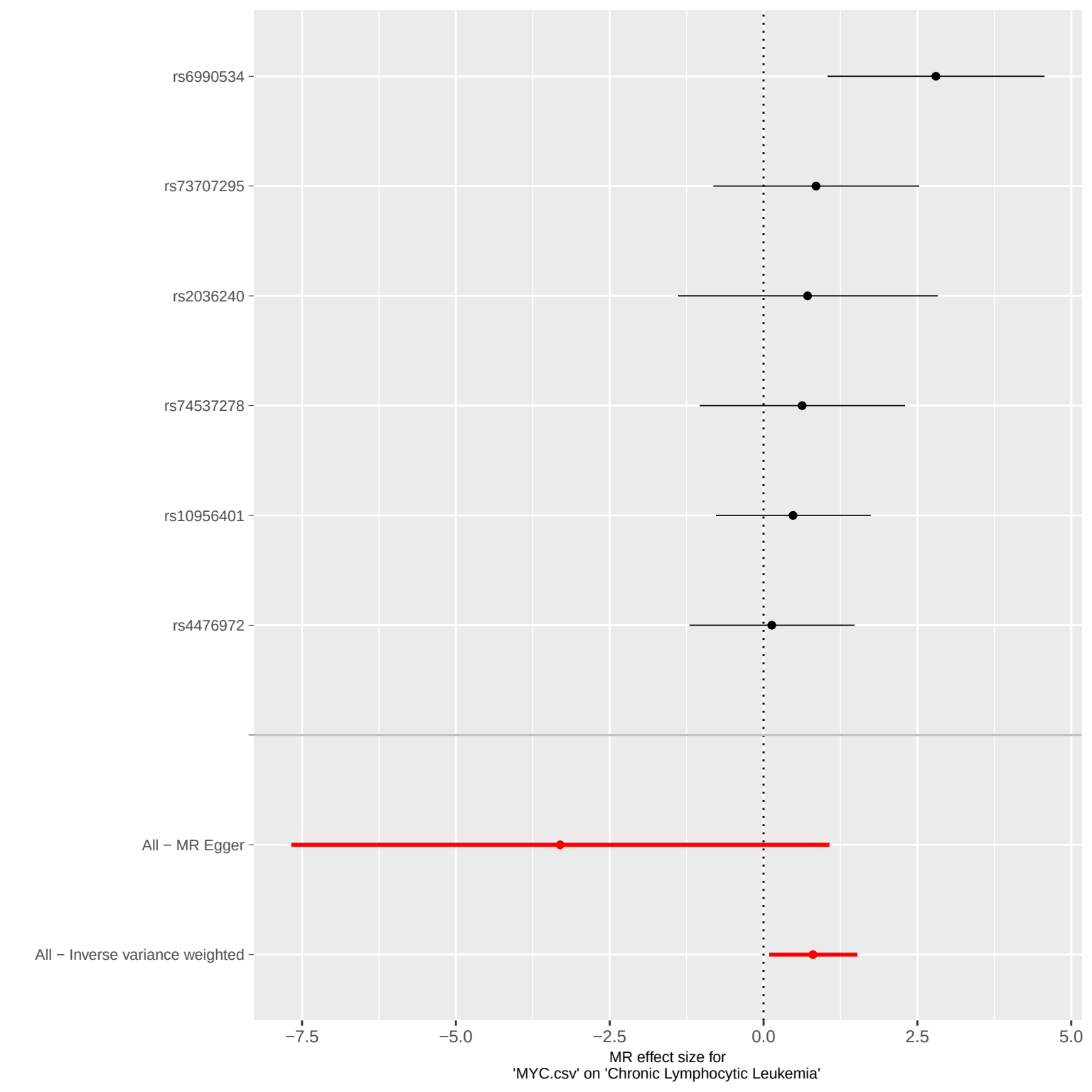
MR effect size for
'MYBPH.csv' on 'Chronic Lymphocytic Leukemia'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rs10956401
rs4476972
All − MR Egger
All − Inverse variance weighted
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−2.5
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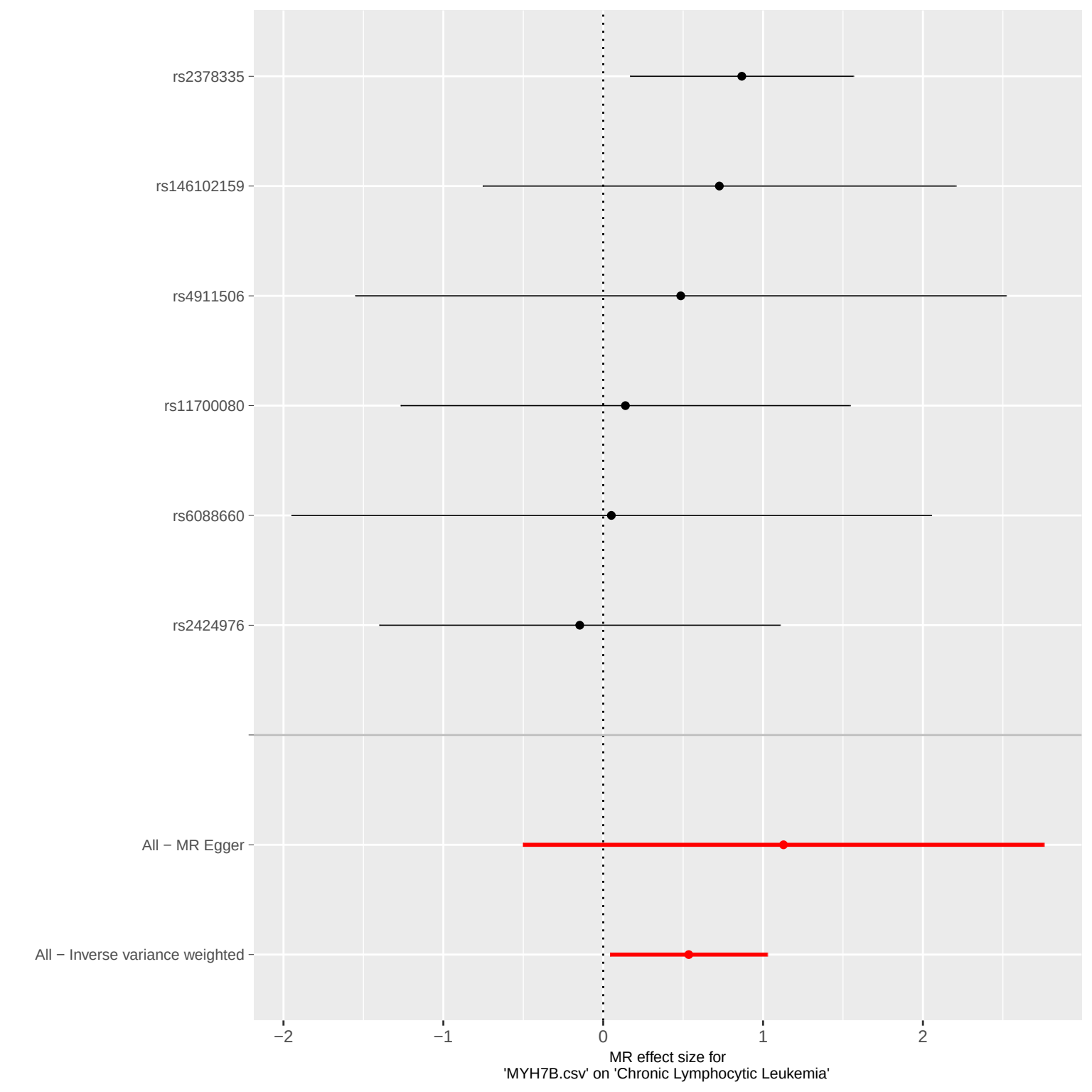
2.5
5.0
MR effect size for
'MYC.csv' on 'Chronic Lymphocytic Leukemia'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rs4911506
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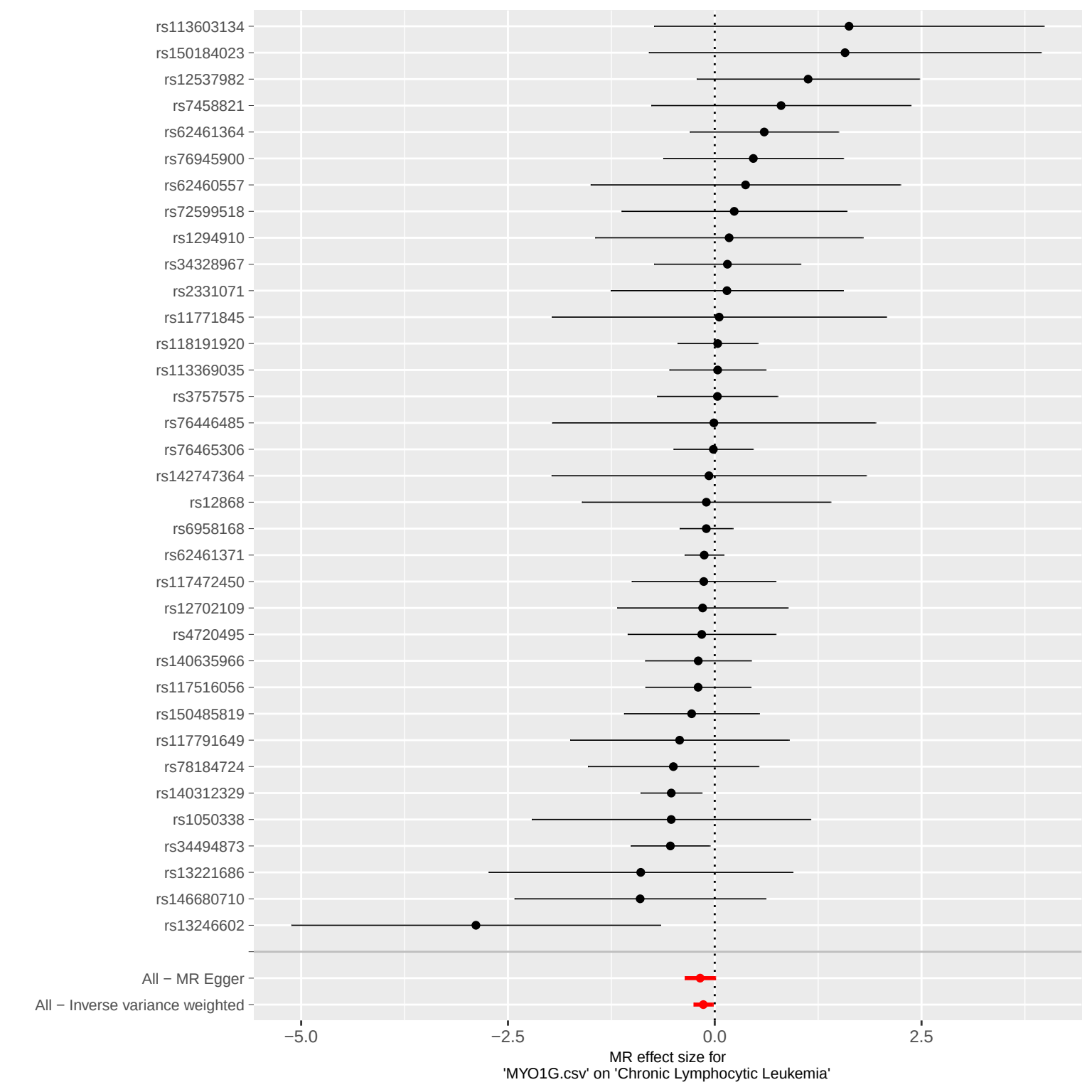
rs6088660
rs2424976
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'MYH7B.csv' on 'Chronic Lymphocytic Leukemia'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rs11771845
rs118191920
rs113369035
rs3757575
rs76446485
rs76465306
rs142747364
rs12868
rs6958168
rs62461371
rs117472450
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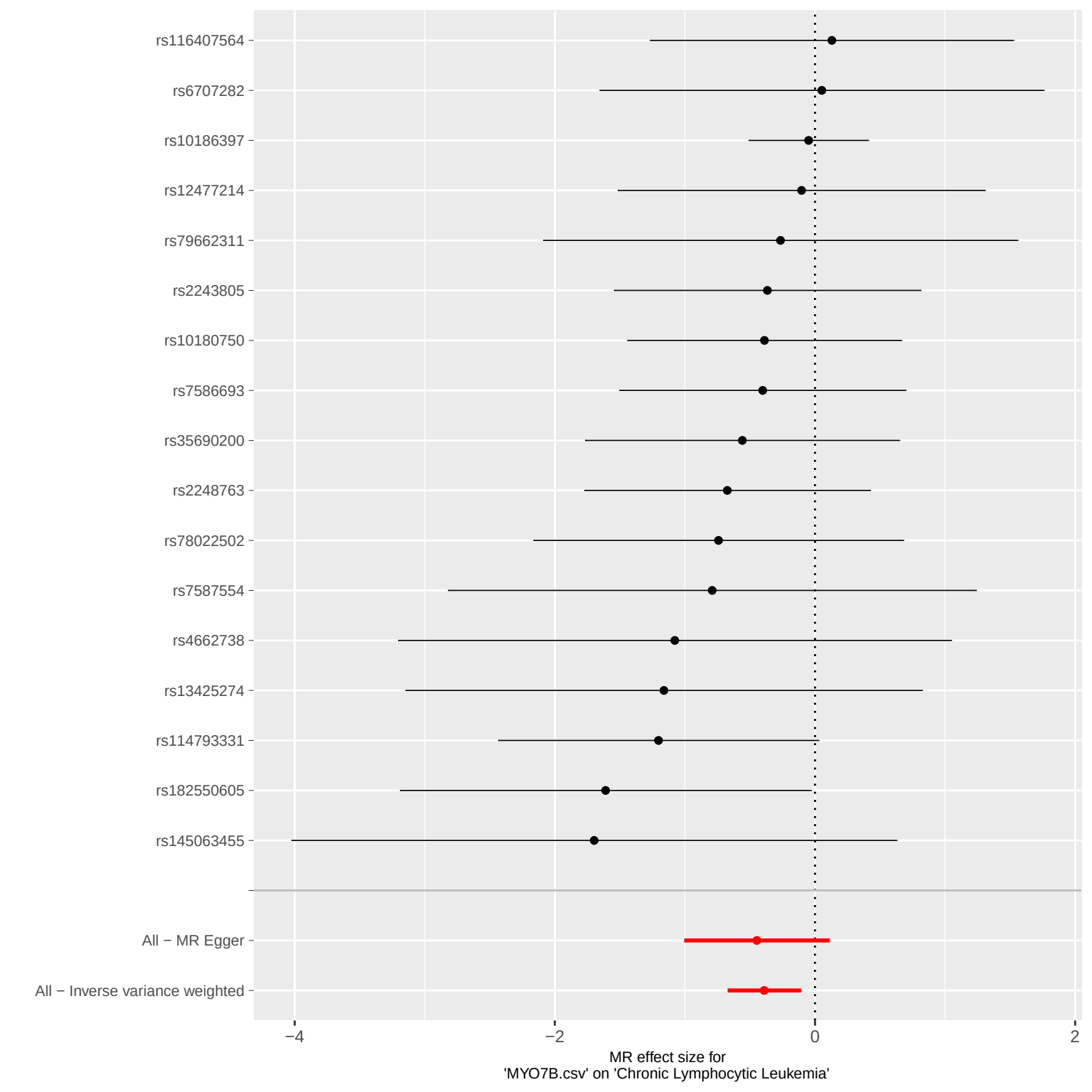
rs140635966
rs117516056
rs150485819
rs117791649
rs78184724
rs140312329
rs1050338
rs34494873
rs13221686
rs146680710
rs13246602
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'MYO1G.csv' on 'Chronic Lymphocytic Leukemia'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rs7586693
rs35690200
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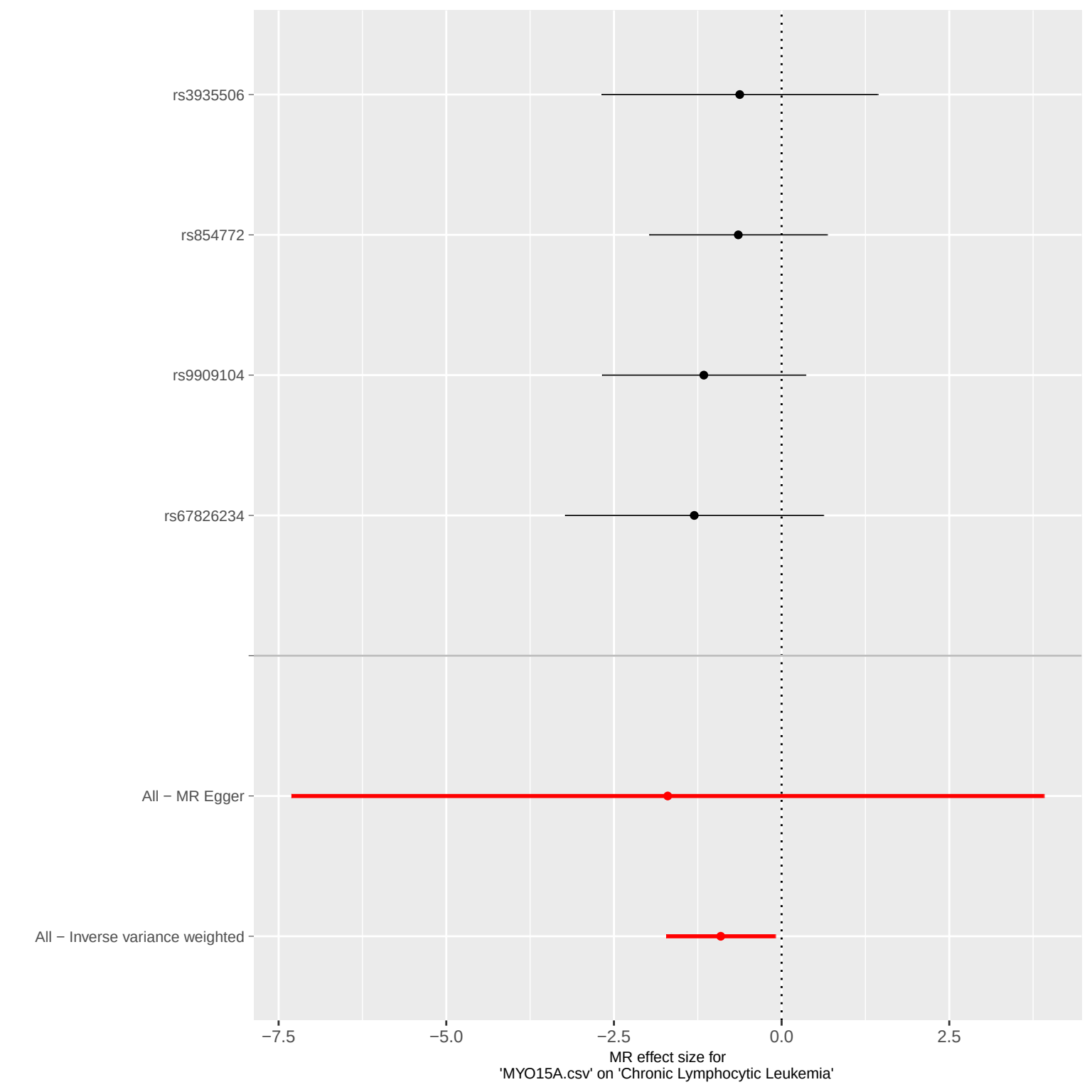
rs78022502
rs7587554
rs4662738
rs13425274
rs114793331
rs182550605
rs145063455
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'MYO7B.csv' on 'Chronic Lymphocytic Leukemia'


rs3935506
rs854772
rs9909104
rs67826234
All − MR Egger
All − Inverse variance weighted
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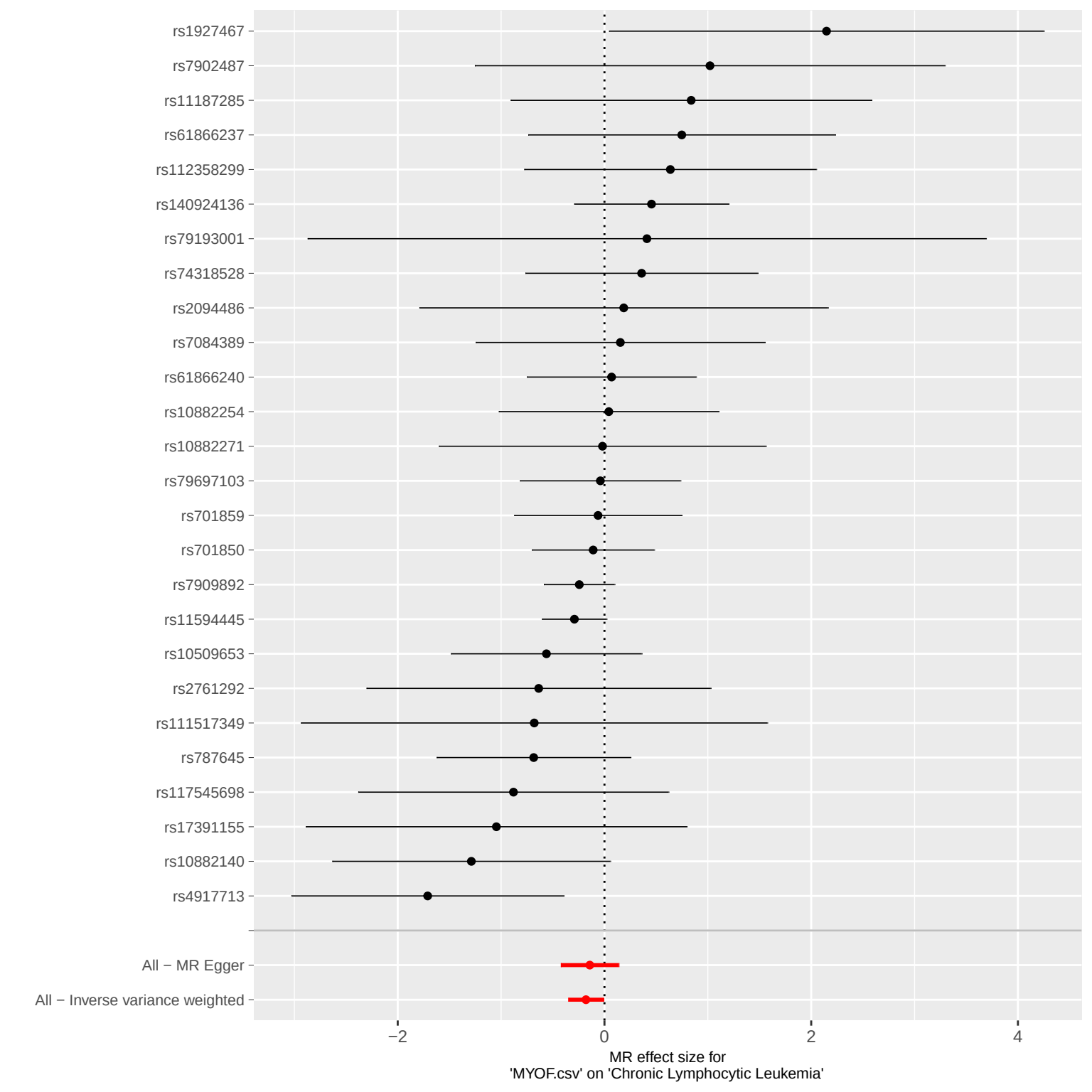
−5.0
−2.5
0.0
2.5
MR effect size for
'MYO15A.csv' on 'Chronic Lymphocytic Leukemia'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rs701850
rs7909892
rs11594445
rs10509653
rs2761292
rs111517349
rs787645
rs117545698
rs17391155
rs10882140
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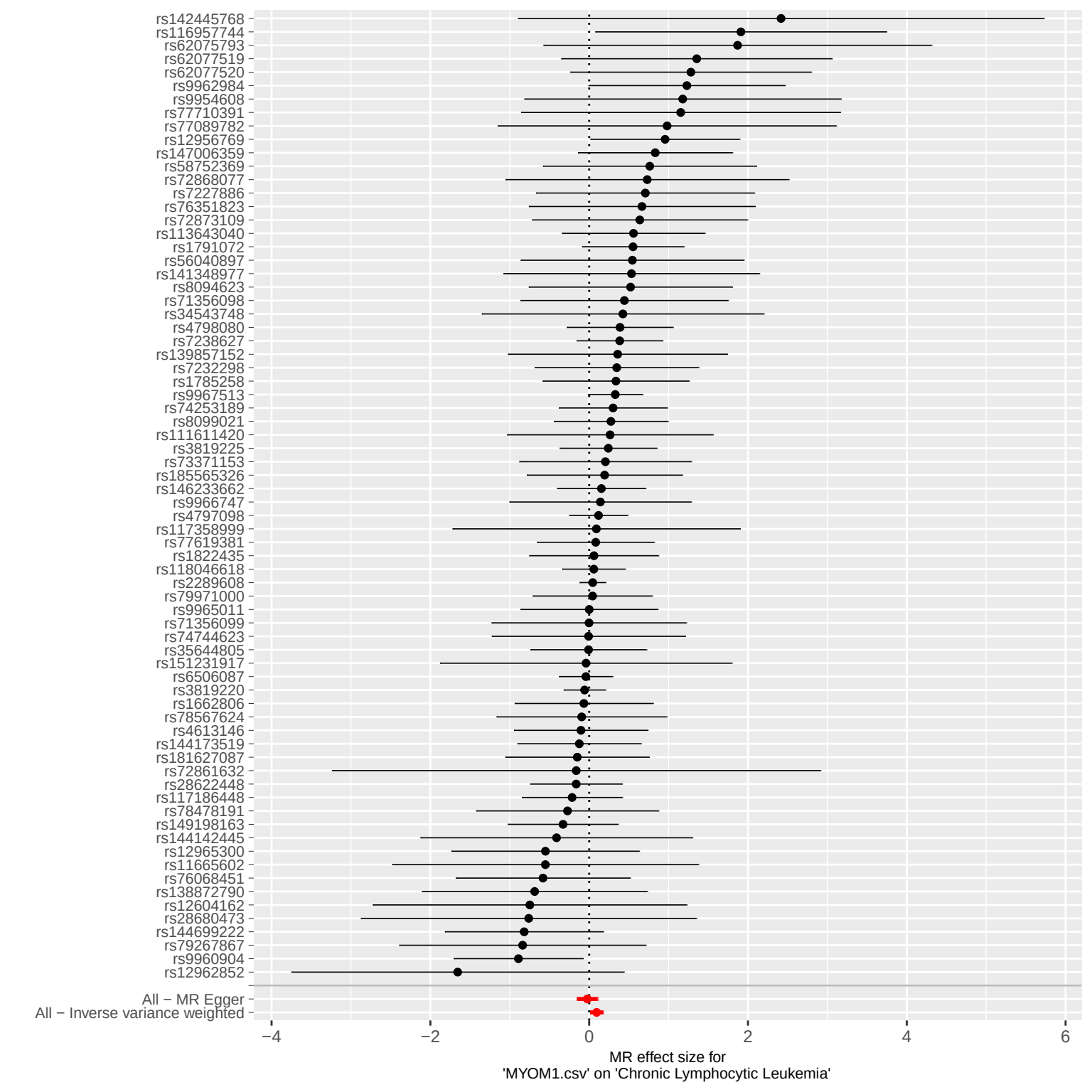
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'MYOF.csv' on 'Chronic Lymphocytic Leukemia'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rs1791072
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rs141348977
rs8094623
rs71356098
rs34543748
rs4798080
rs7238627
rs139857152
rs7232298
rs1785258
rs9967513
rs74253189
rs8099021
rs111611420
rs3819225
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rs1822435
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rs2289608
rs79971000
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rs71356099
rs74744623
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rs151231917
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rs78567624
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rs72861632
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rs78478191
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rs12965300
rs11665602
rs76068451
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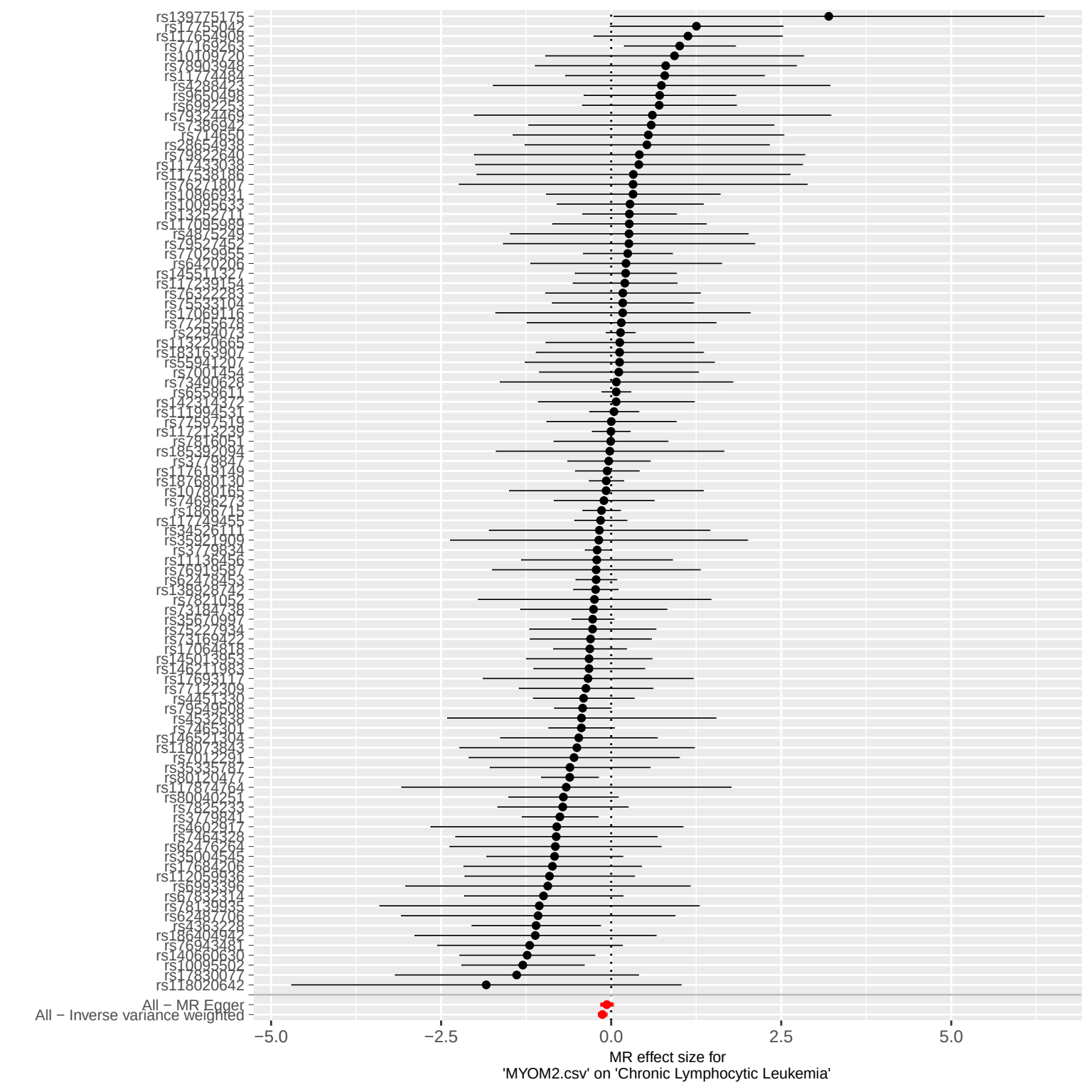
rs12604162
rs28680473
rs144699222
rs79267867
rs9960904
rs12962852
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'MYOM1.csv' on 'Chronic Lymphocytic Leukemia'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rs7386942
rs714650
rs28654938
rs79822640
rs117433038
rs117538186
rs76271807
rs10866931
rs10095633
rs13252711
rs117095989
rs4875249
rs79527452
rs77029955
rs6420206
rs145511327
rs117239154
rs76322283
rs75533104
rs17069116
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rs2294073
rs113220665
rs183163907
rs55941207
rs7001454
rs73490628
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rs17693117
rs77122309
rs4451330
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rs4532638
rs7465301
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rs6993396
rs67936314
rs78139935
rs62487706
rs4362629
rs186404741
rs76943481
rs140660630
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rs17830077
rs118020642
All − MR Egger
All − Inverse variance weighted
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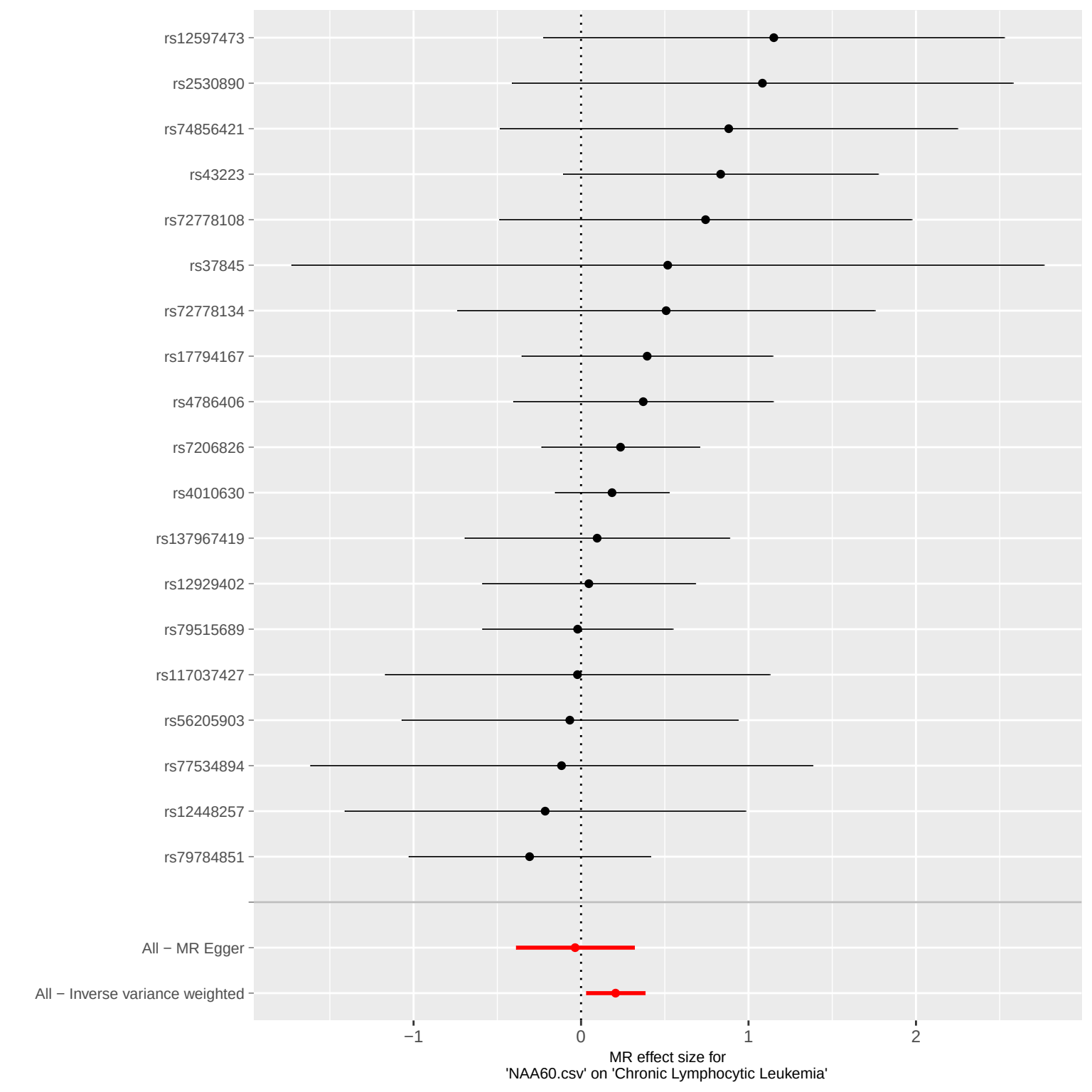
−2.5
0.0
2.5
5.0
MR effect size for
'MYOM2.csv' on 'Chronic Lymphocytic Leukemia'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rs7206826
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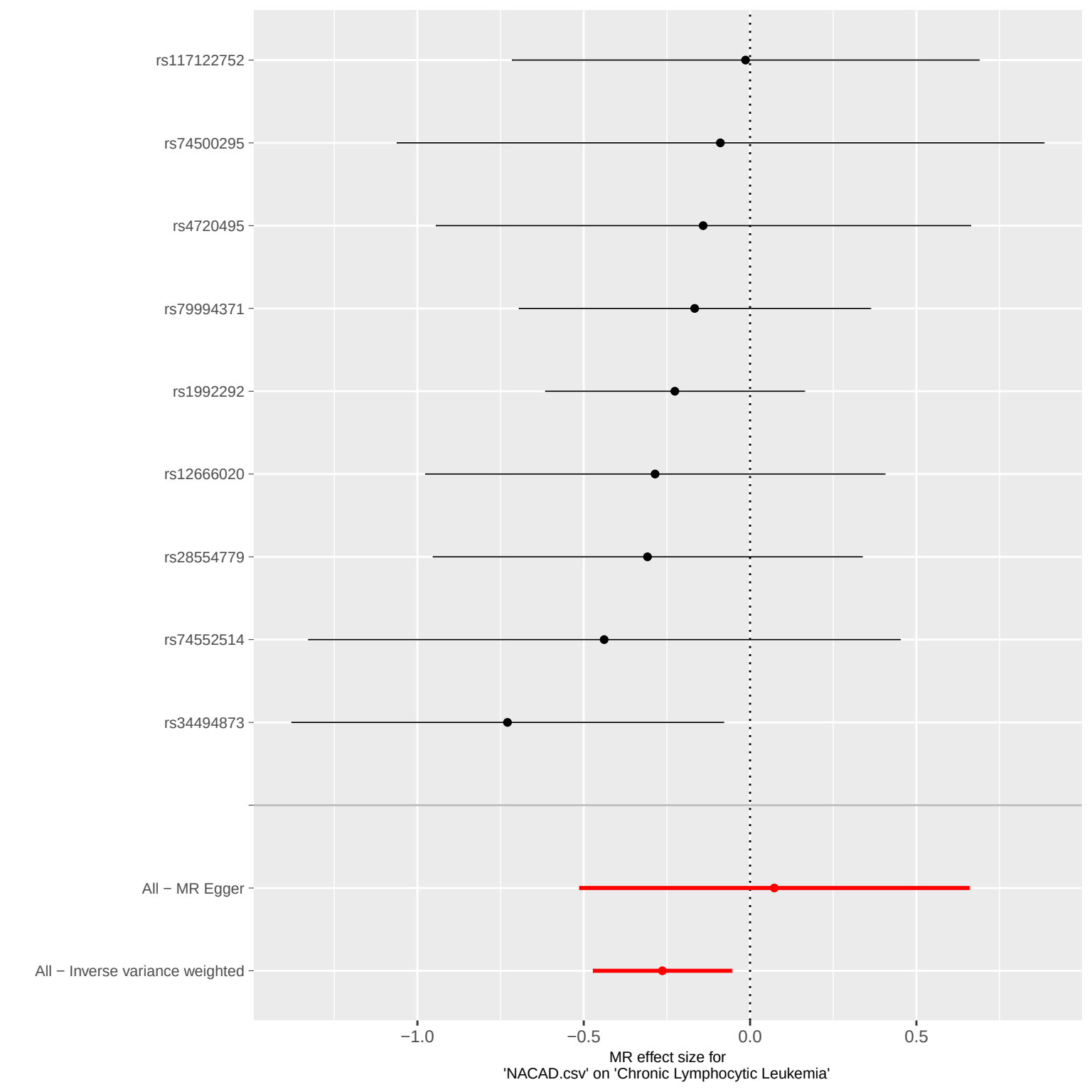
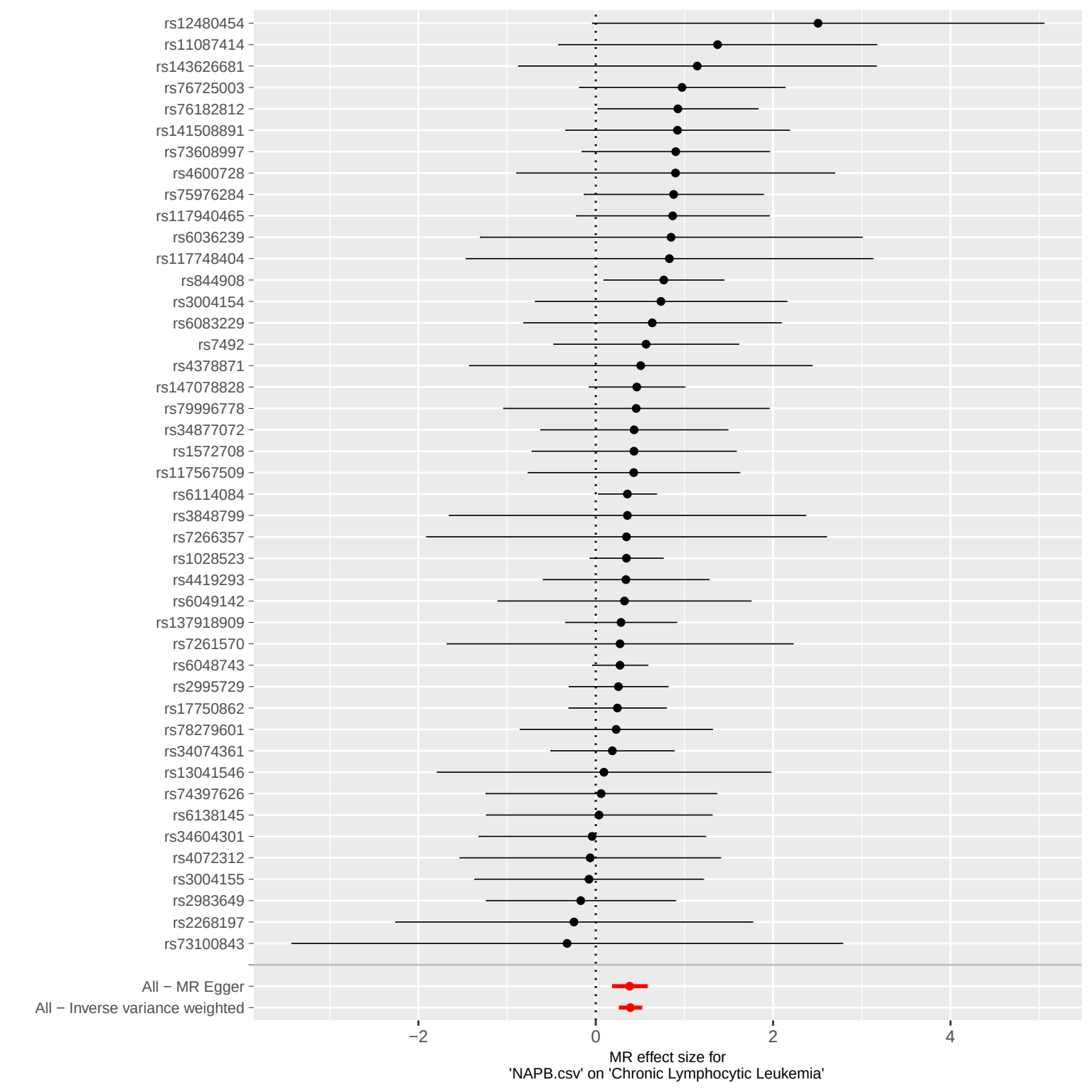
rs12929402
rs79515689
rs117037427
rs56205903
rs77534894
rs12448257
rs79784851
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'NAA60.csv' on 'Chronic Lymphocytic Leukemia'


rs117122752
rs74500295
rs4720495
rs79994371
rs1992292
rs12666020
rs28554779
rs74552514
rs34494873
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
MR effect size for
'NACAD.csv' on 'Chronic Lymphocytic Leukemia'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rs4378871
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rs79996778
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rs1572708
rs117567509
rs6114084
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rs1028523
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rs6049142
rs137918909
rs7261570
rs6048743
rs2995729
rs17750862
rs78279601
rs34074361
rs13041546
rs74397626
rs6138145
rs34604301
rs4072312
rs3004155
rs2983649
rs2268197
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All − MR Egger
All − Inverse variance weighted
−2
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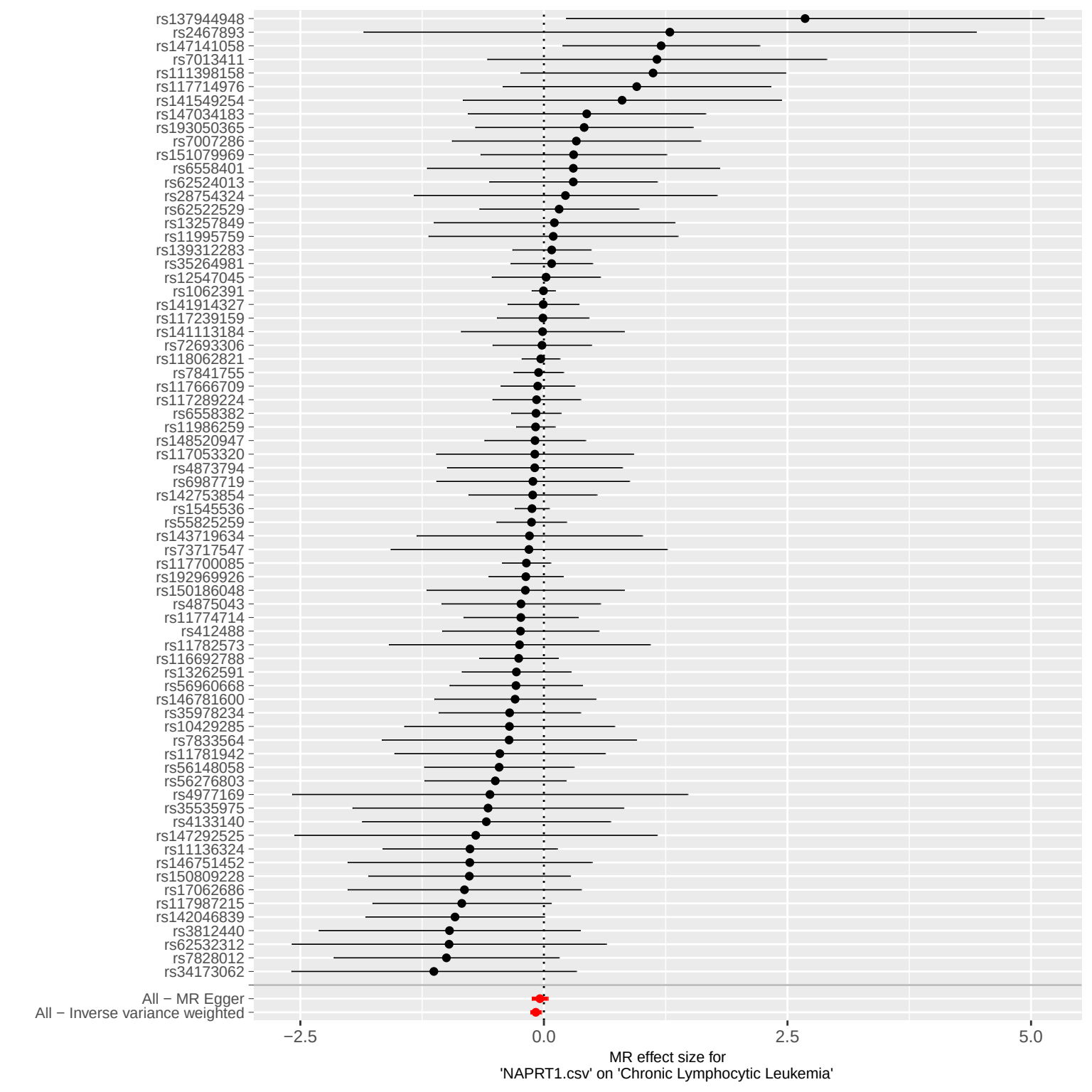
2
4
MR effect size for
'NAPB.csv' on 'Chronic Lymphocytic Leukemia'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rs72693306
rs118062821
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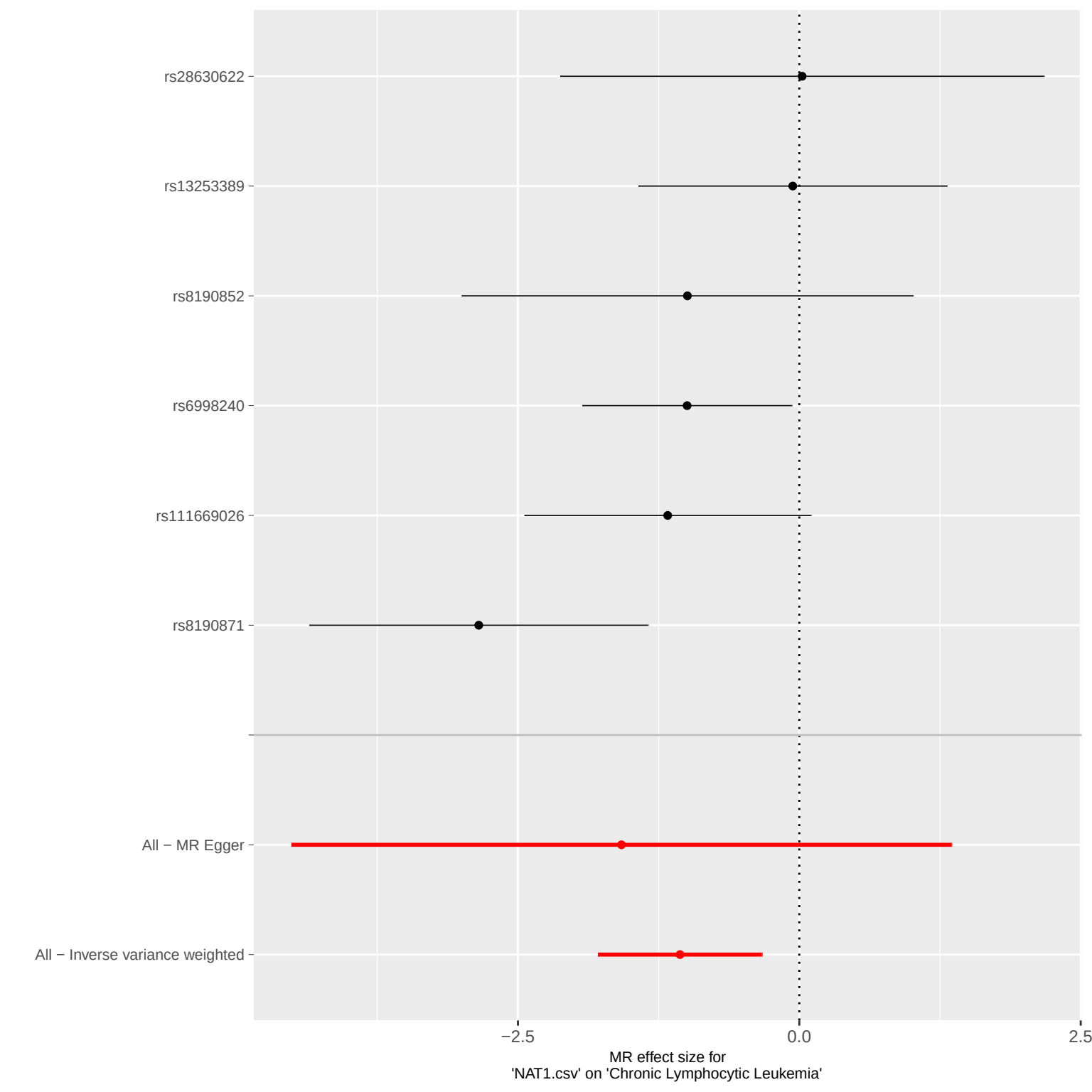
rs35535975
rs4133140
rs147292525
rs11136324
rs146751452
rs150809228
rs17062686
rs117987215
rs142046839
rs3812440
rs62532312
rs7828012
rs34173062
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'NAPRT1.csv' on 'Chronic Lymphocytic Leukemia'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rs6998240
rs111669026
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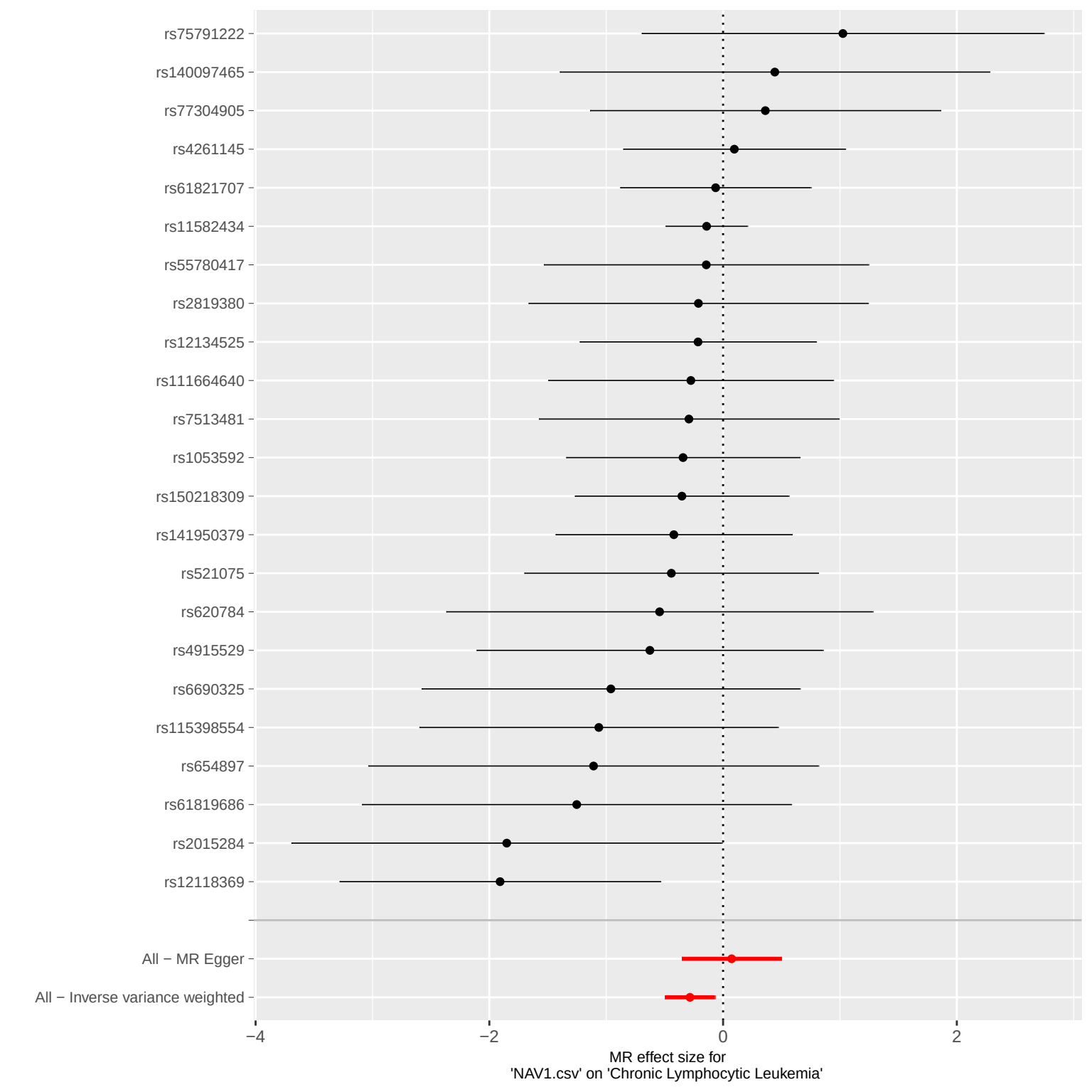
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'NAT1.csv' on 'Chronic Lymphocytic Leukemia'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rs6690325
rs115398554
rs654897
rs61819686
rs2015284
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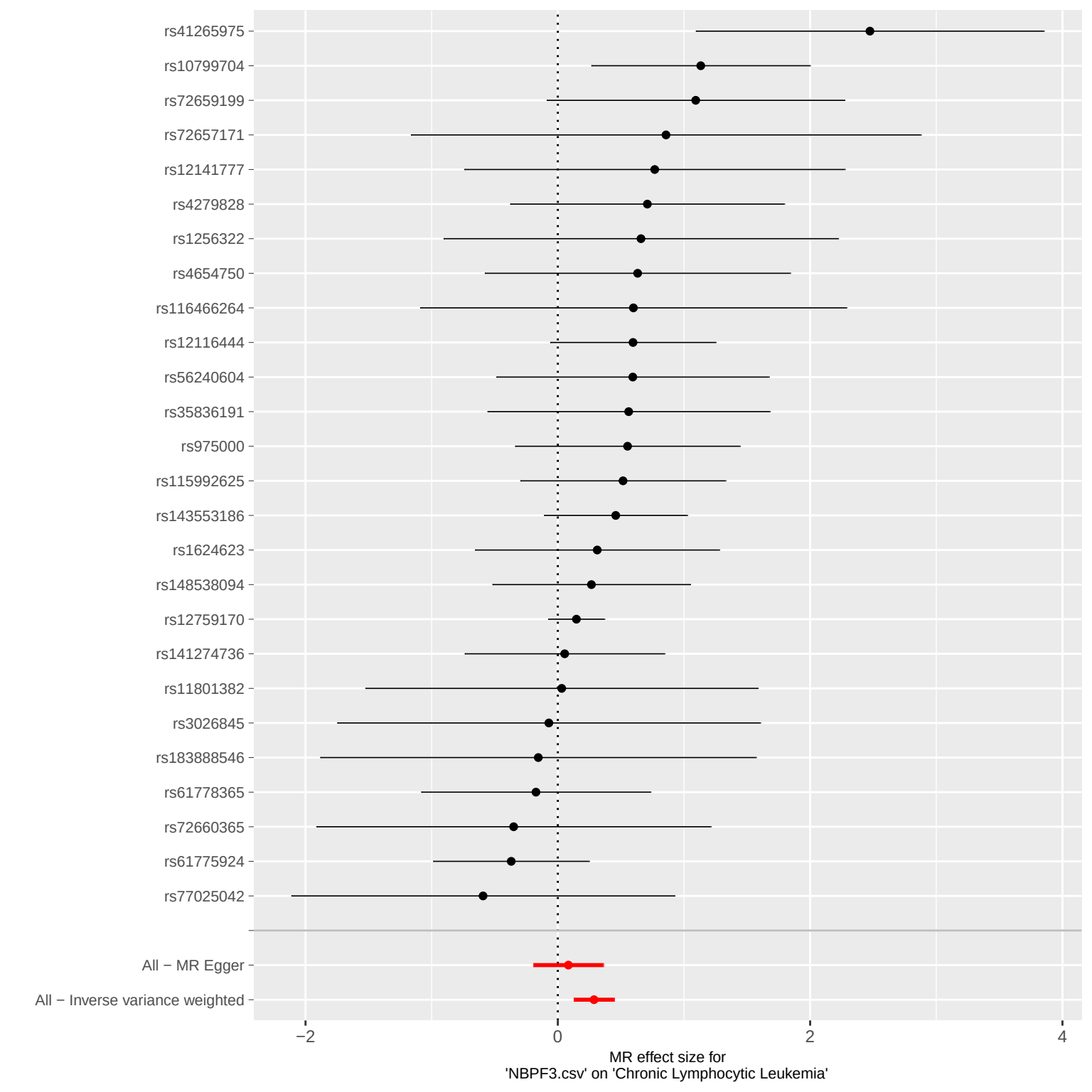
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'NAV1.csv' on 'Chronic Lymphocytic Leukemia'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rs56240604
rs35836191
rs975000
rs115992625
rs143553186
rs1624623
rs148538094
rs12759170
rs141274736
rs11801382
rs3026845
rs183888546
rs61778365
rs72660365
rs61775924
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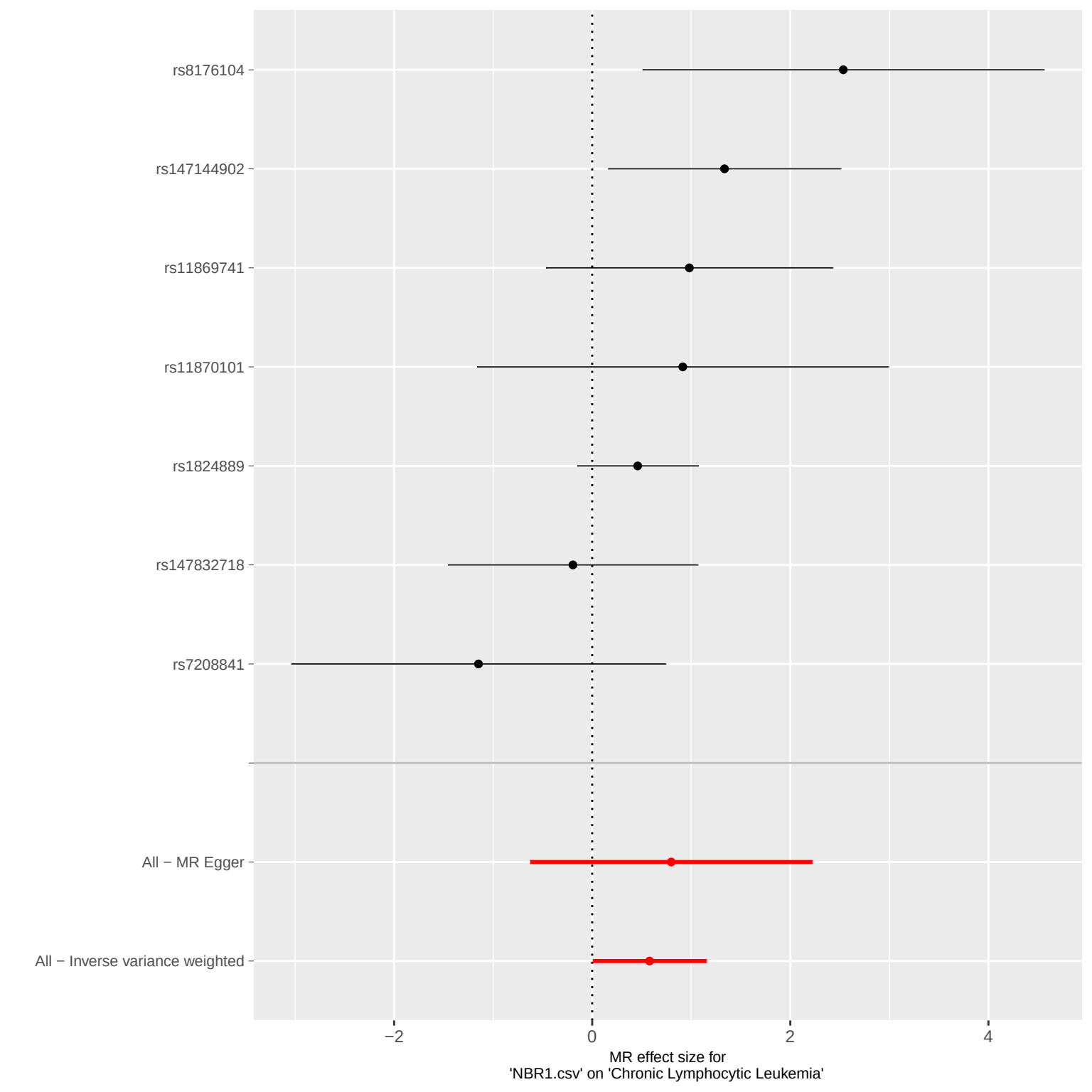
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'NBPF3.csv' on 'Chronic Lymphocytic Leukemia'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rs11869741
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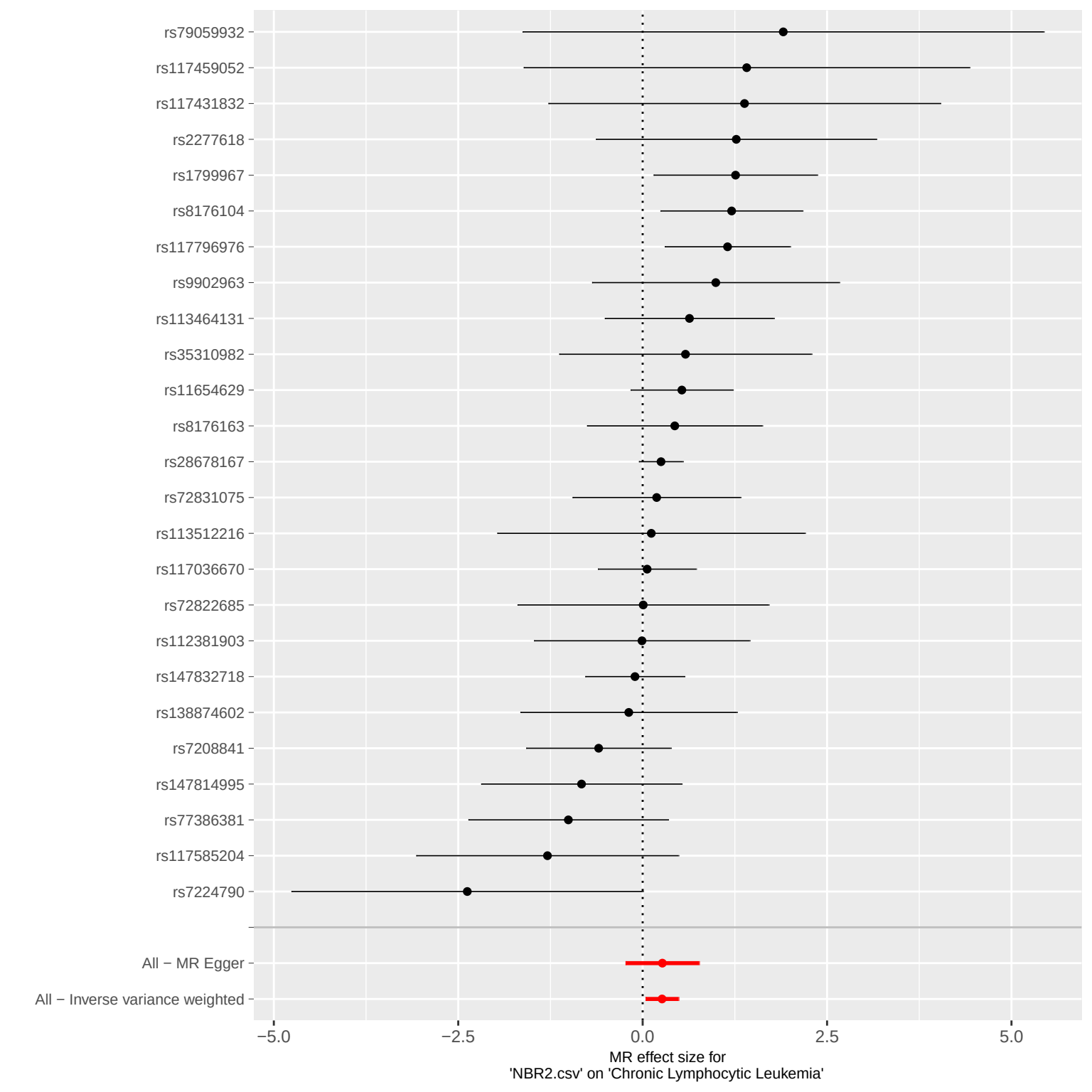
rs1824889
rs147832718
rs7208841
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'NBR1.csv' on 'Chronic Lymphocytic Leukemia'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rs11654629
rs8176163
rs28678167
rs72831075
rs113512216
rs117036670
rs72822685
rs112381903
rs147832718
rs138874602
rs7208841
rs147814995
rs77386381
rs117585204
rs7224790
All − MR Egger
All − Inverse variance weighted
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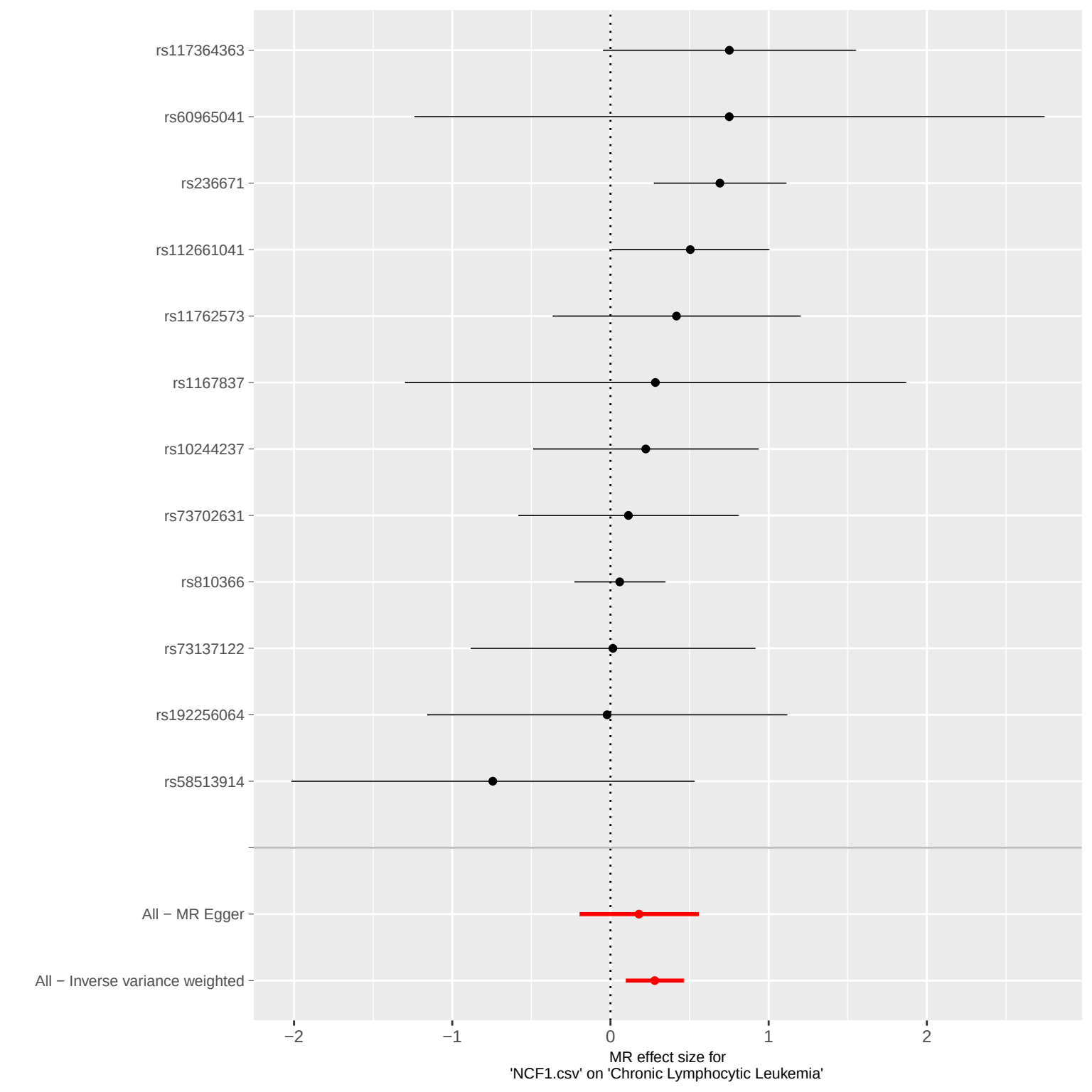
−2.5
0.0
2.5
5.0
MR effect size for
'NBR2.csv' on 'Chronic Lymphocytic Leukemia'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rs1167837
rs10244237
rs73702631
rs810366
rs73137122
rs192256064
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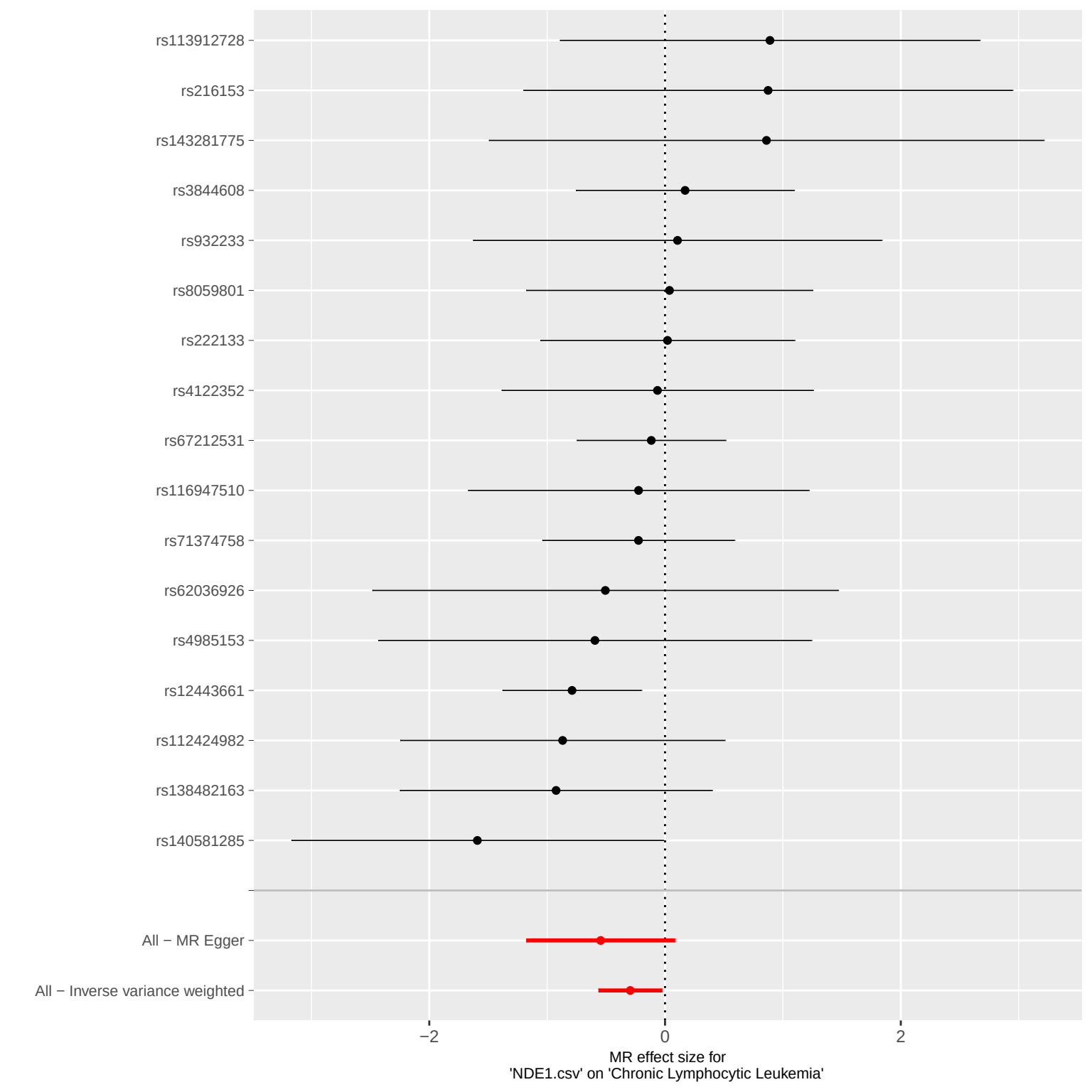
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'NCF1.csv' on 'Chronic Lymphocytic Leukemia'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rs71374758
rs62036926
rs4985153
rs12443661
rs112424982
rs138482163
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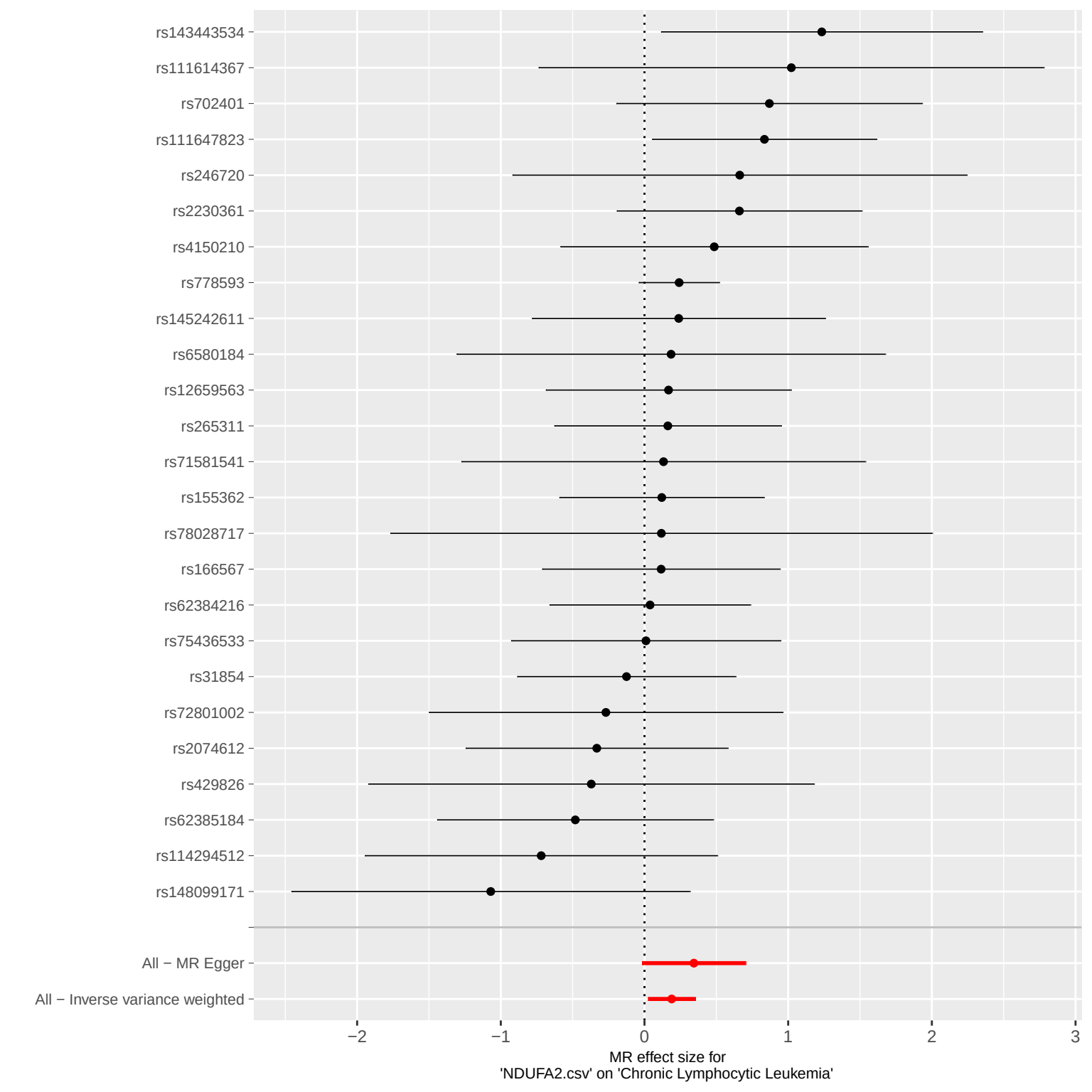
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'NDE1.csv' on 'Chronic Lymphocytic Leukemia'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rs75436533
rs31854
rs72801002
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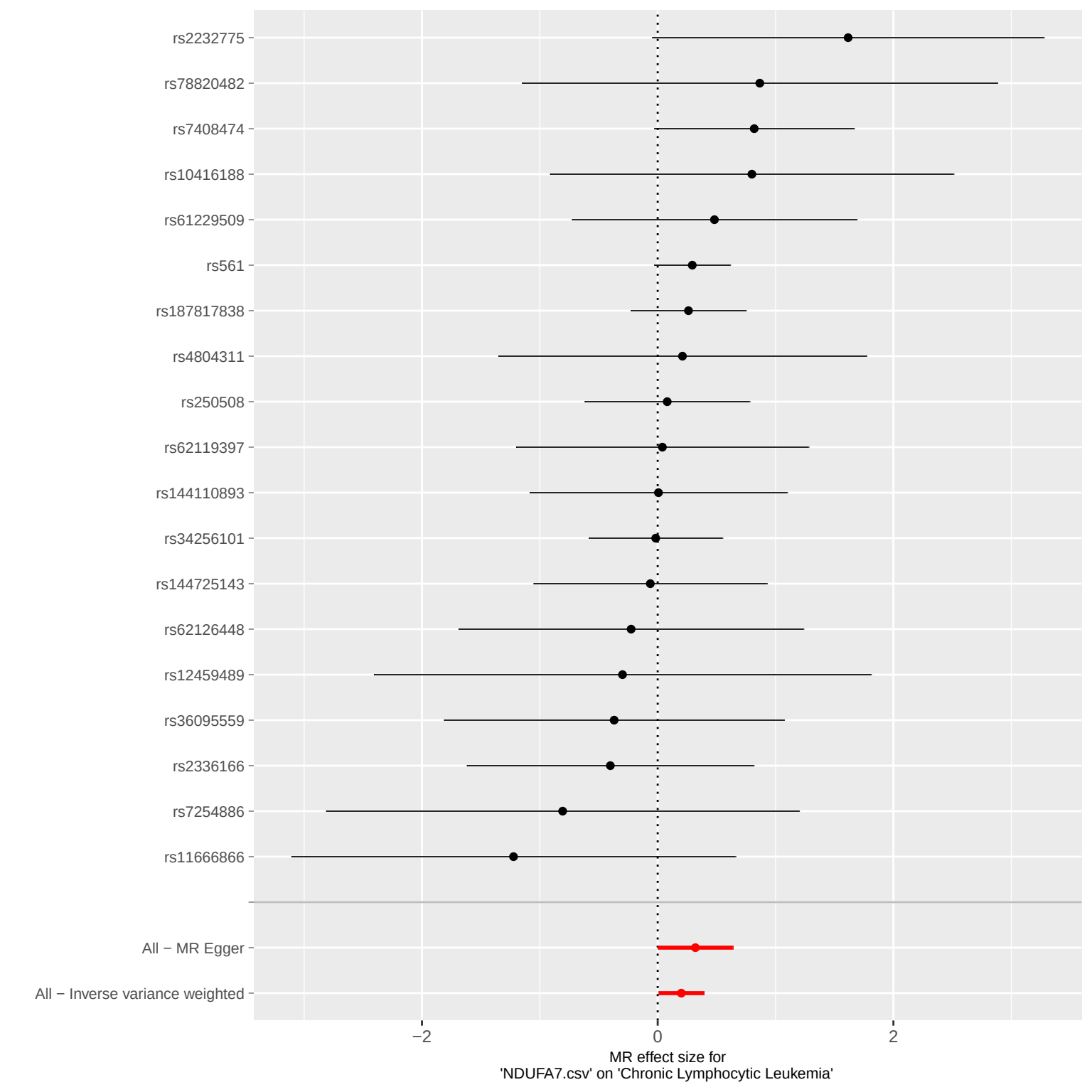
rs429826
rs62385184
rs114294512
rs148099171
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'NDUFA2.csv' on 'Chronic Lymphocytic Leukemia'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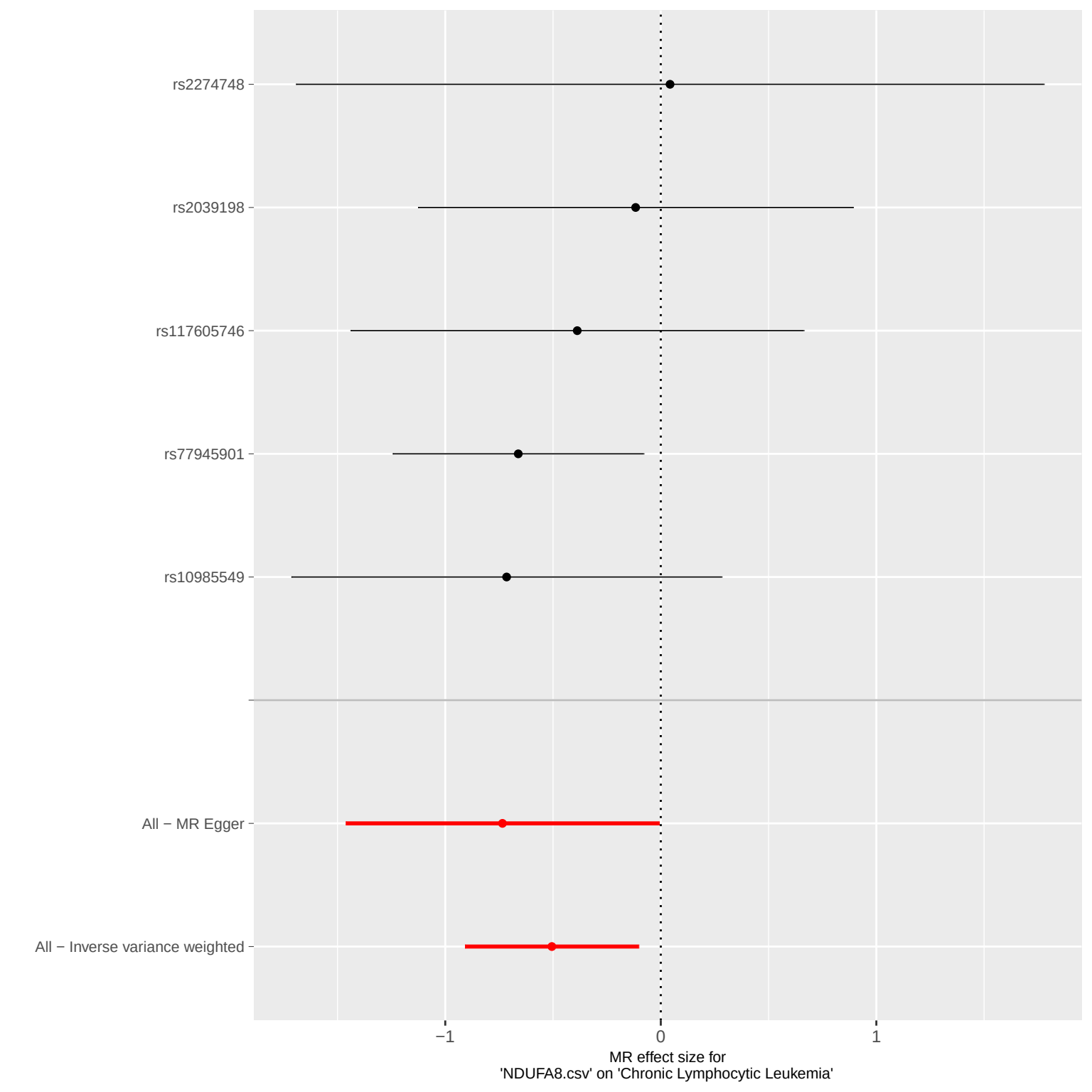
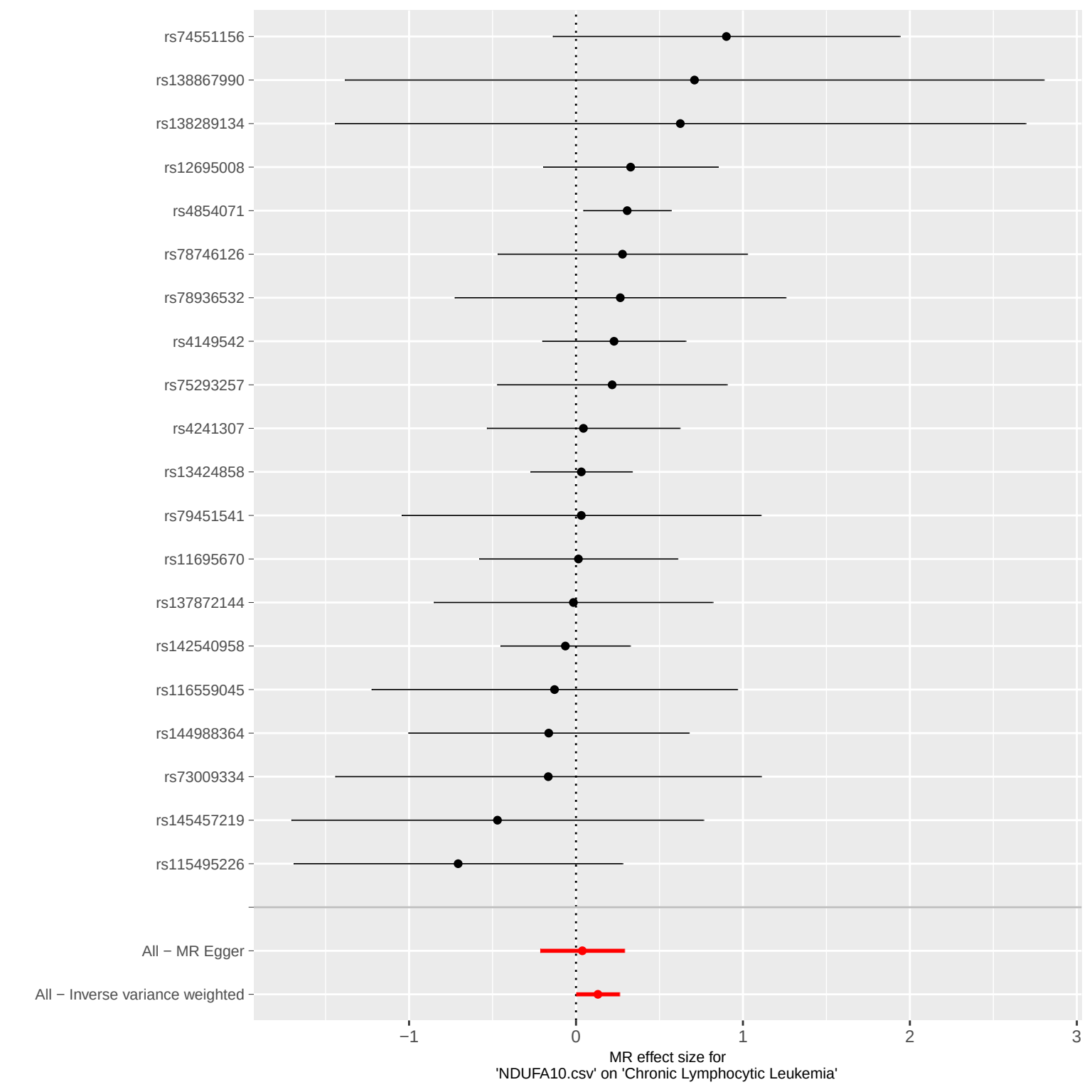
rs34256101
rs144725143
rs62126448
rs12459489
rs36095559
rs2336166
rs7254886
rs11666866
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'NDUFA7.csv' on 'Chronic Lymphocytic Leukemia'


rs2274748
rs2039198
rs117605746
rs77945901
rs10985549
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'NDUFA8.csv' on 'Chronic Lymphocytic Leukemia'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rs115495226
All − MR Egger
All − Inverse variance weighted
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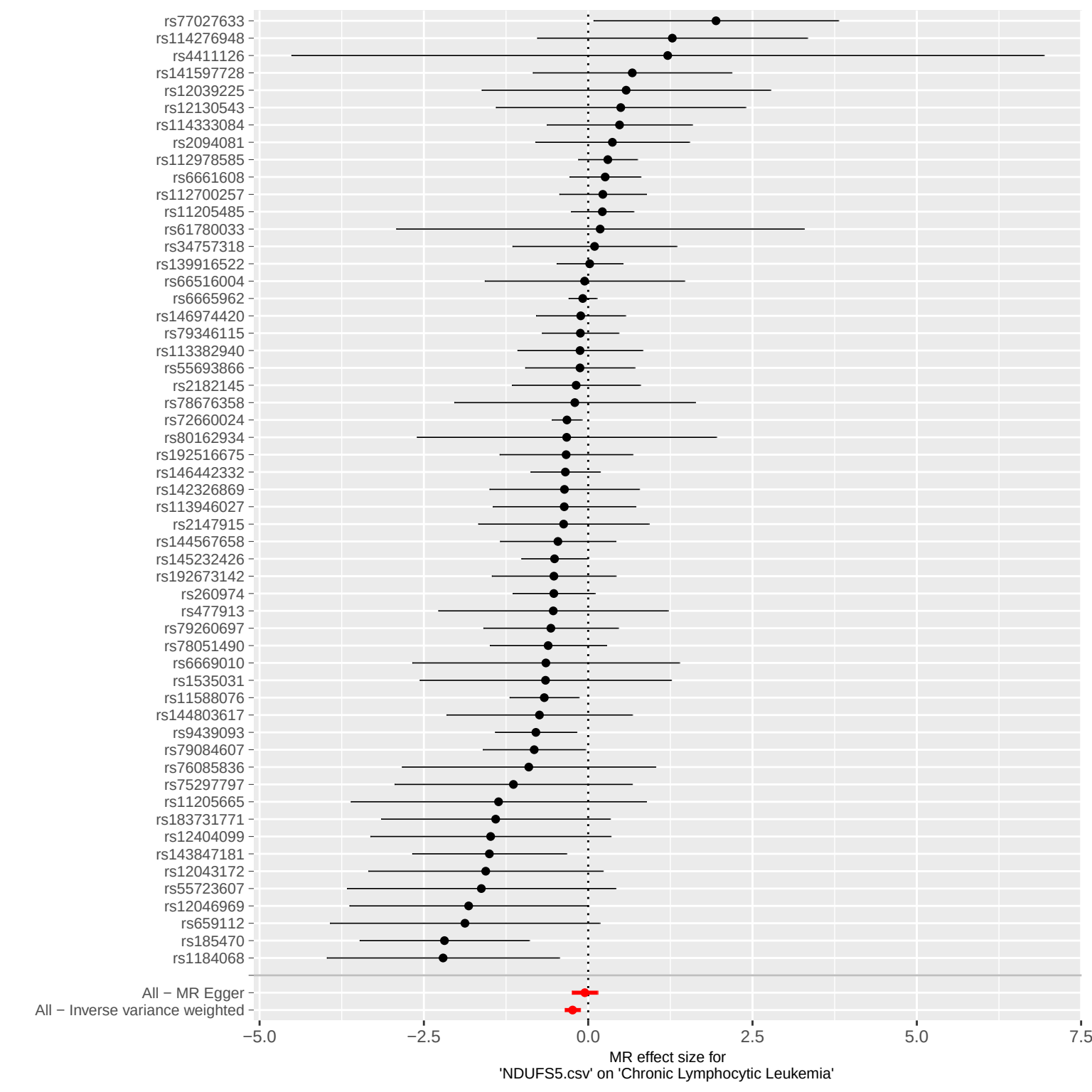
3
MR effect size for
'NDUFA10.csv' on 'Chronic Lymphocytic Leukemia'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rs185470
rs1184068
All − MR Egger
All − Inverse variance weighted
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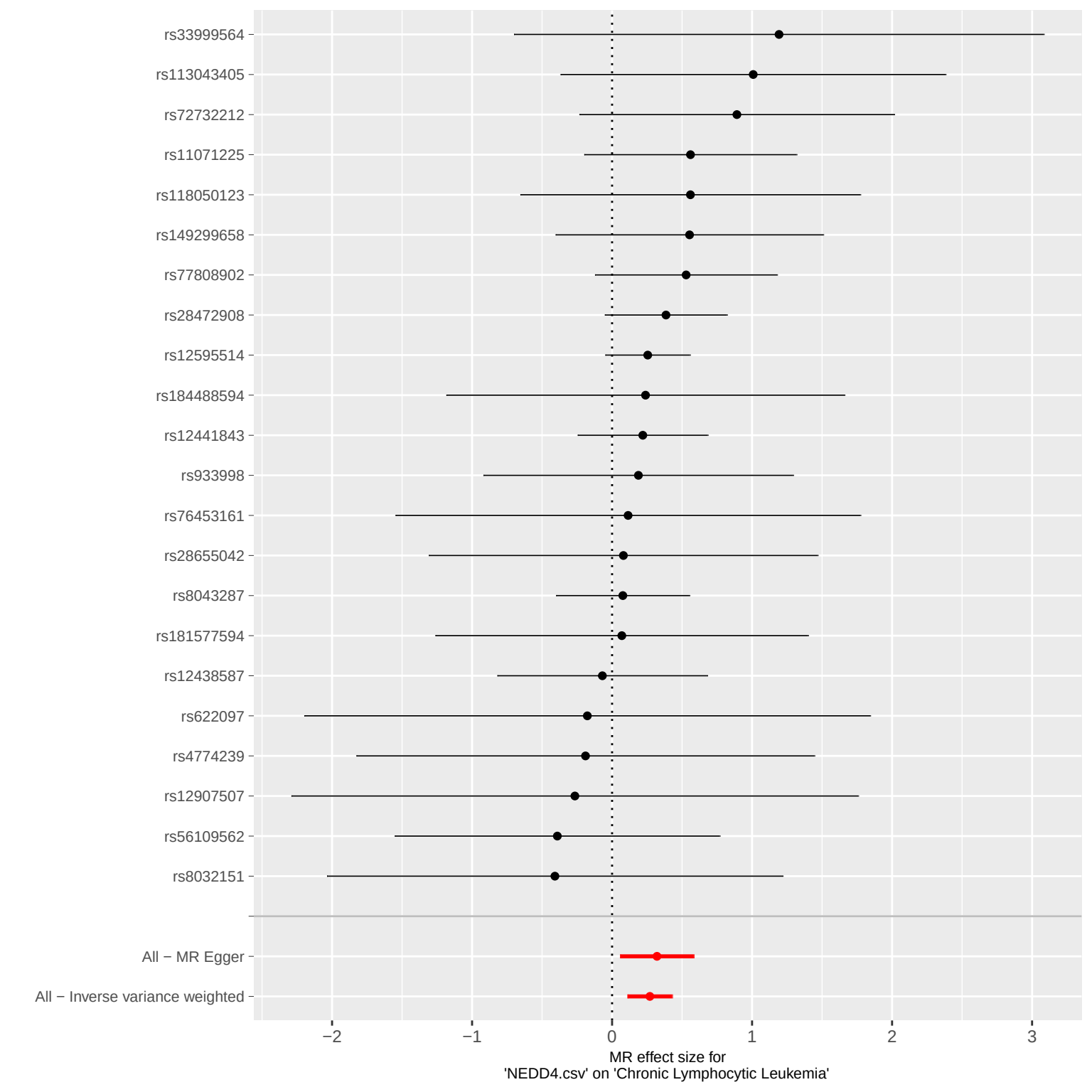
0.0
2.5
5.0
7.5
MR effect size for
'NDUFS5.csv' on 'Chronic Lymphocytic Leukemia'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rs8032151
All − MR Egger
All − Inverse variance weighted
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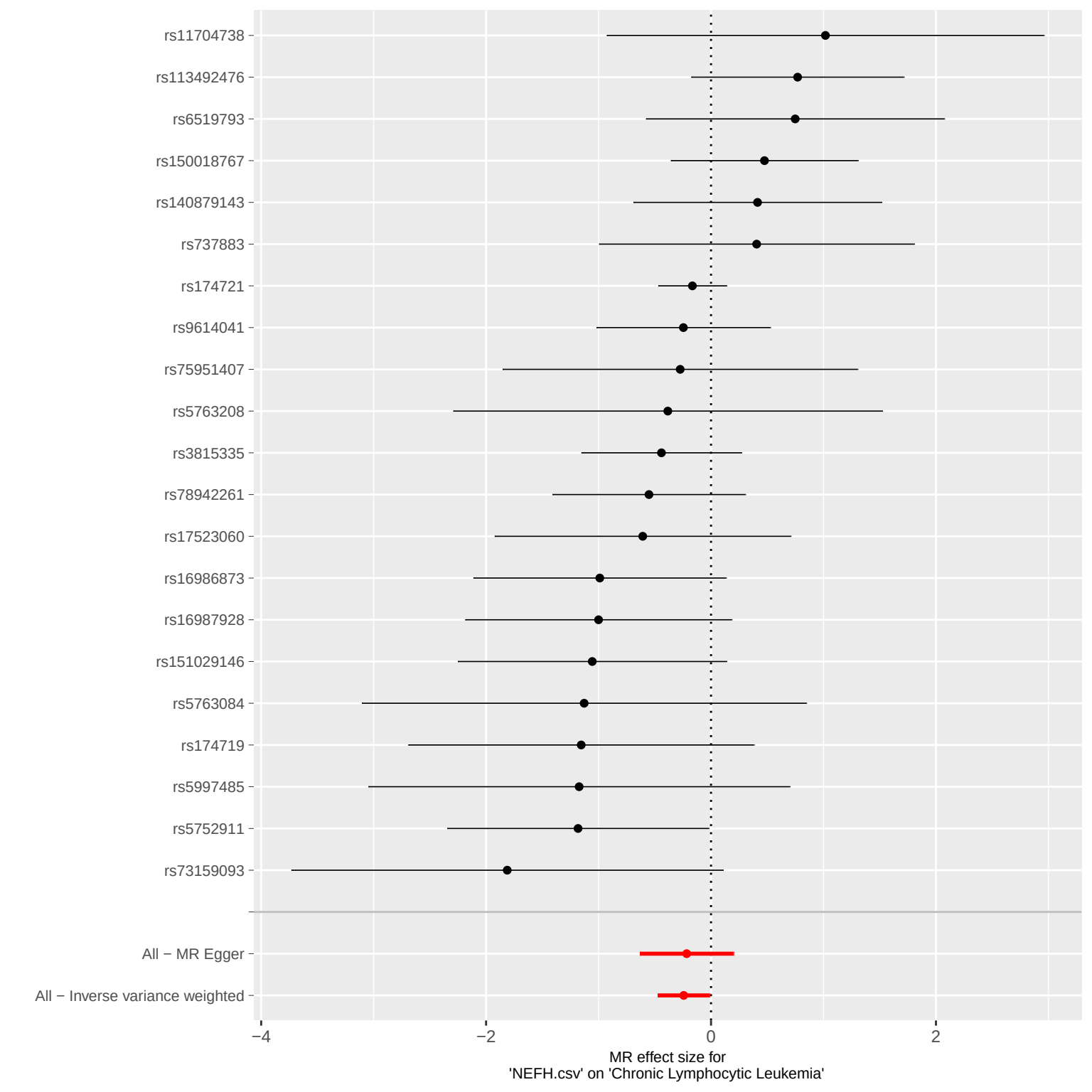
−1
0
1
2
3
MR effect size for
'NEDD4.csv' on 'Chronic Lymphocytic Leukemia'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rs5997485
rs5752911
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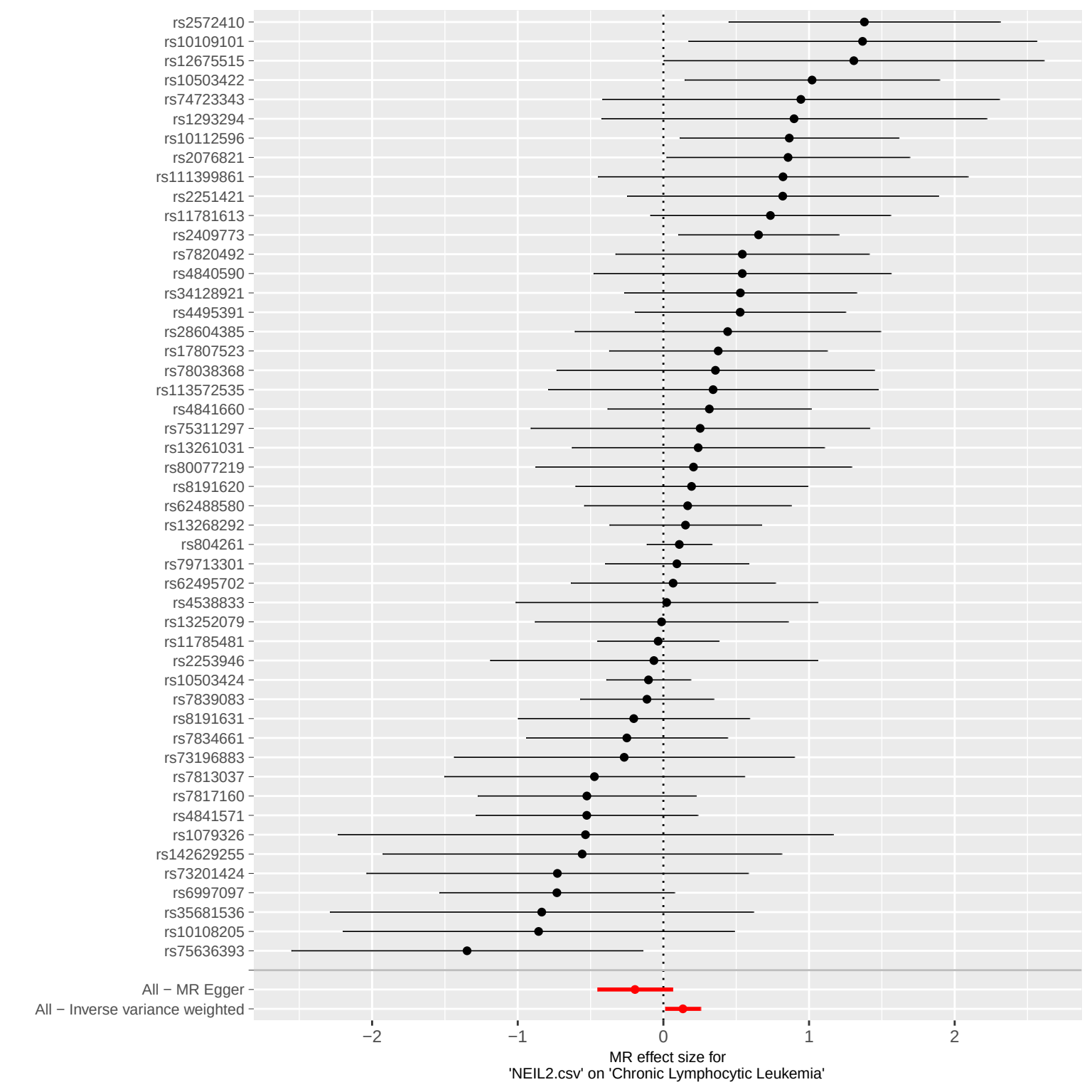
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'NEFH.csv' on 'Chronic Lymphocytic Leukemia'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rs7817160
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rs1079326
rs142629255
rs73201424
rs6997097
rs35681536
rs10108205
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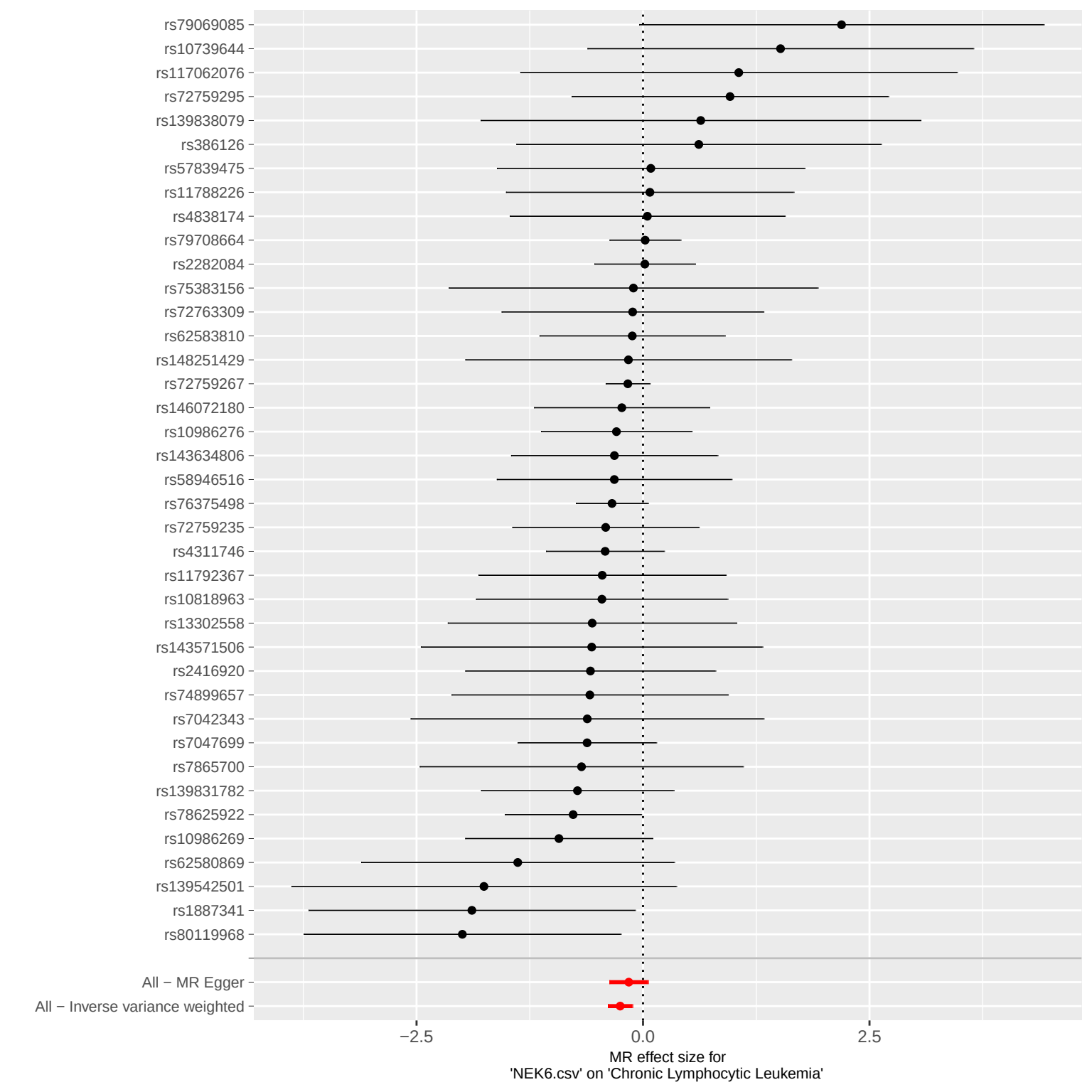
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'NEIL2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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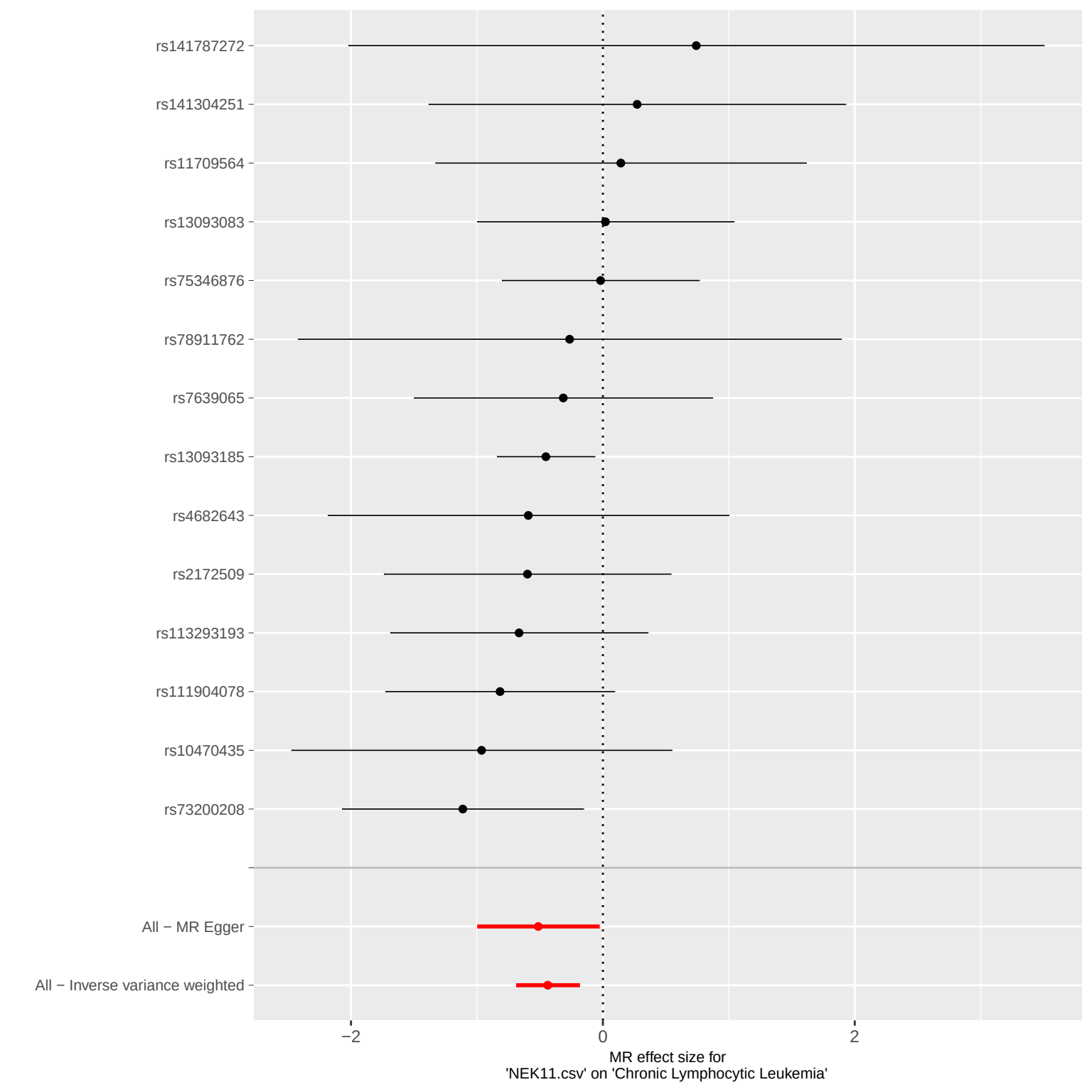
2.5
MR effect size for
'NEK6.csv' on 'Chronic Lymphocytic Leukemia'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rs2172509
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rs111904078
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All − MR Egger
All − Inverse variance weighted
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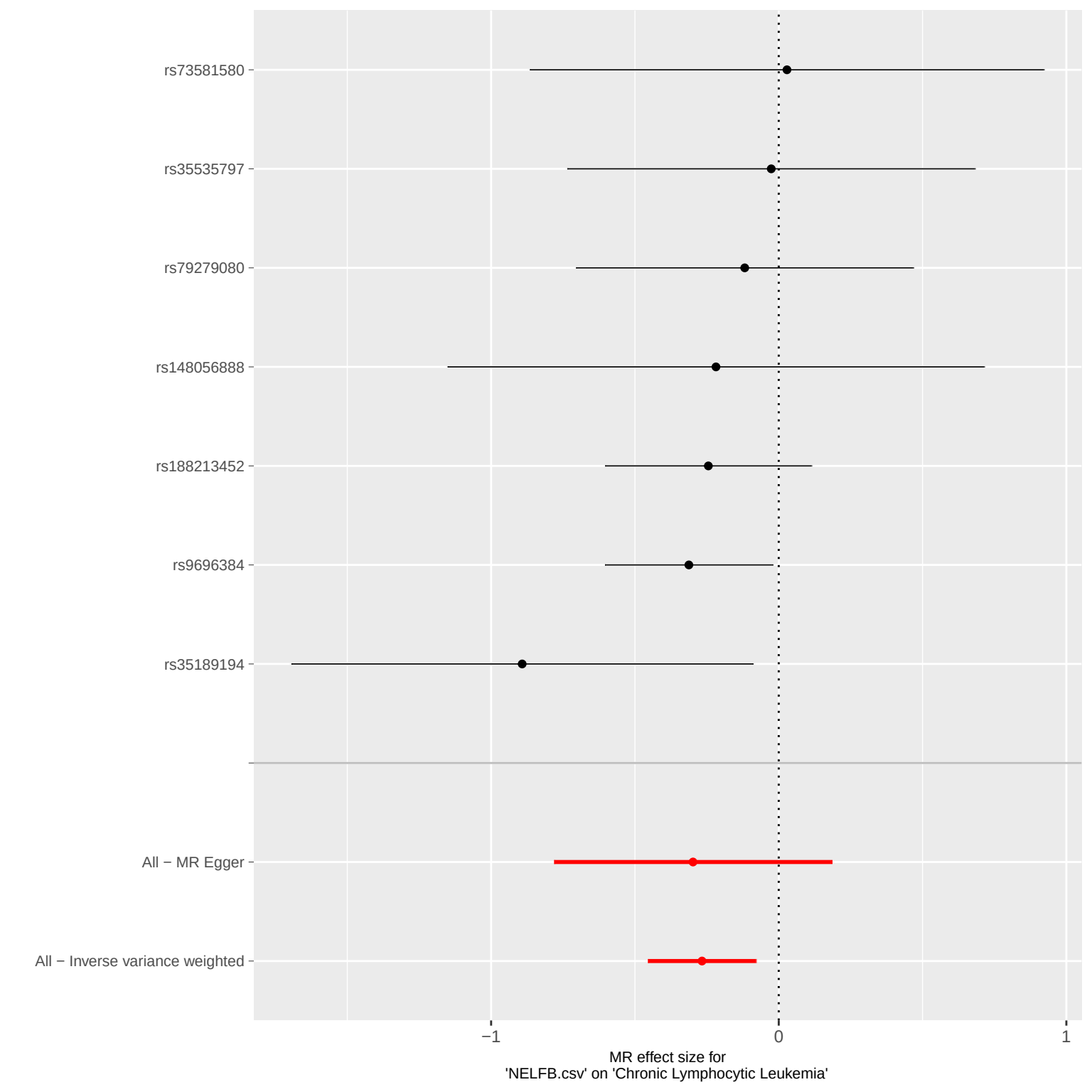
0
2
MR effect size for
'NEK11.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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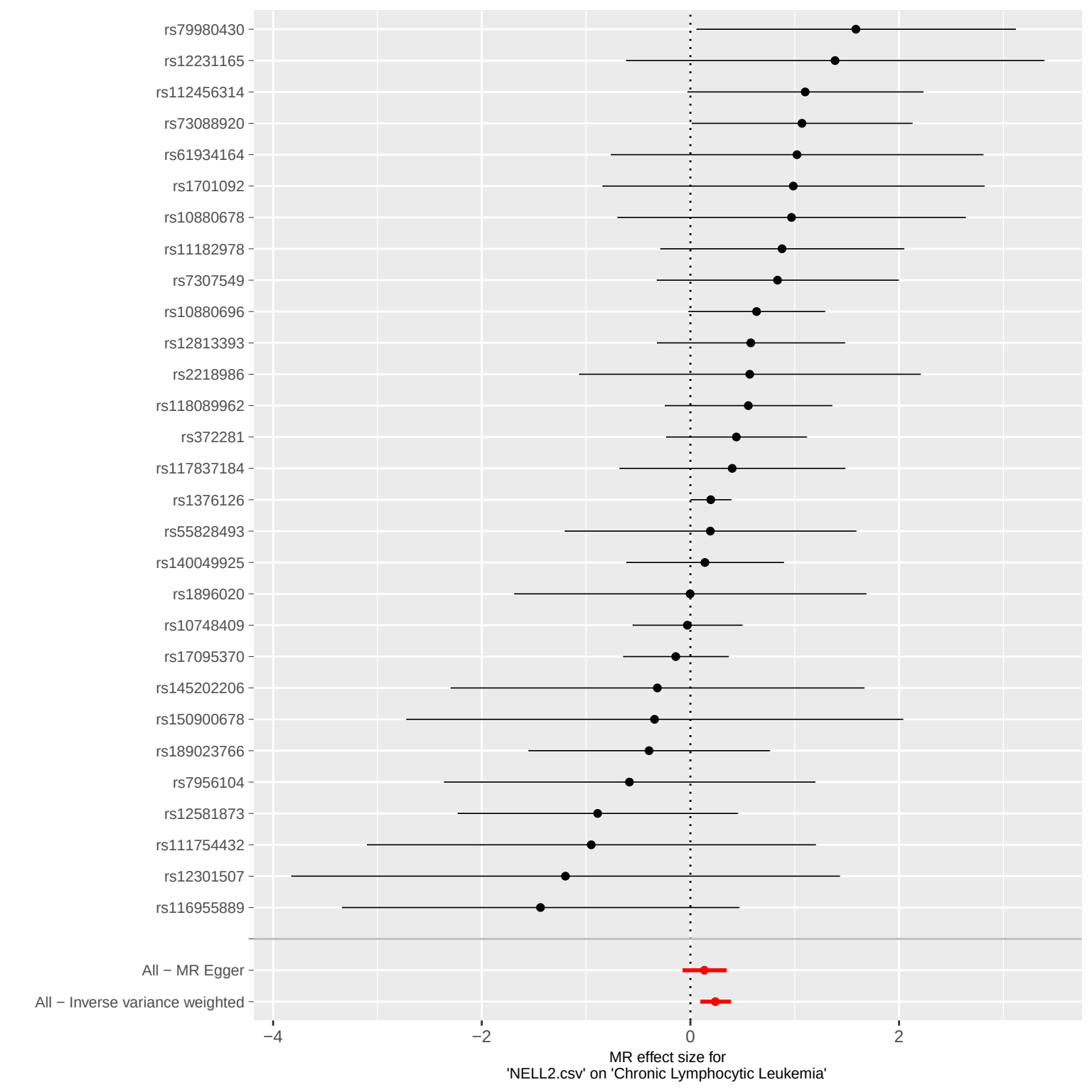
MR effect size for
'NELFB.csv' on 'Chronic Lymphocytic Leukemia'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rs12581873
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All − MR Egger
All − Inverse variance weighted
−4
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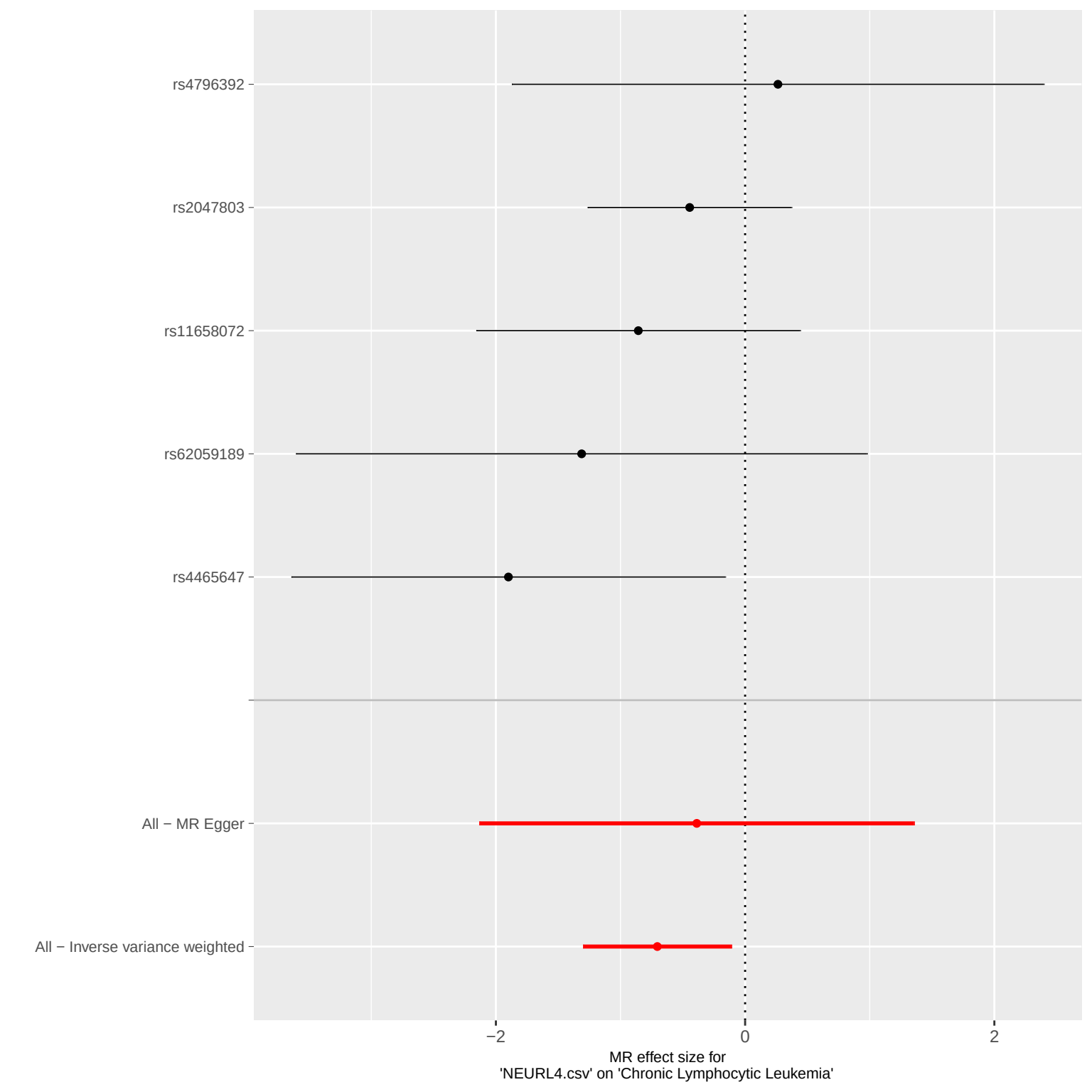
MR effect size for
'NELL2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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0
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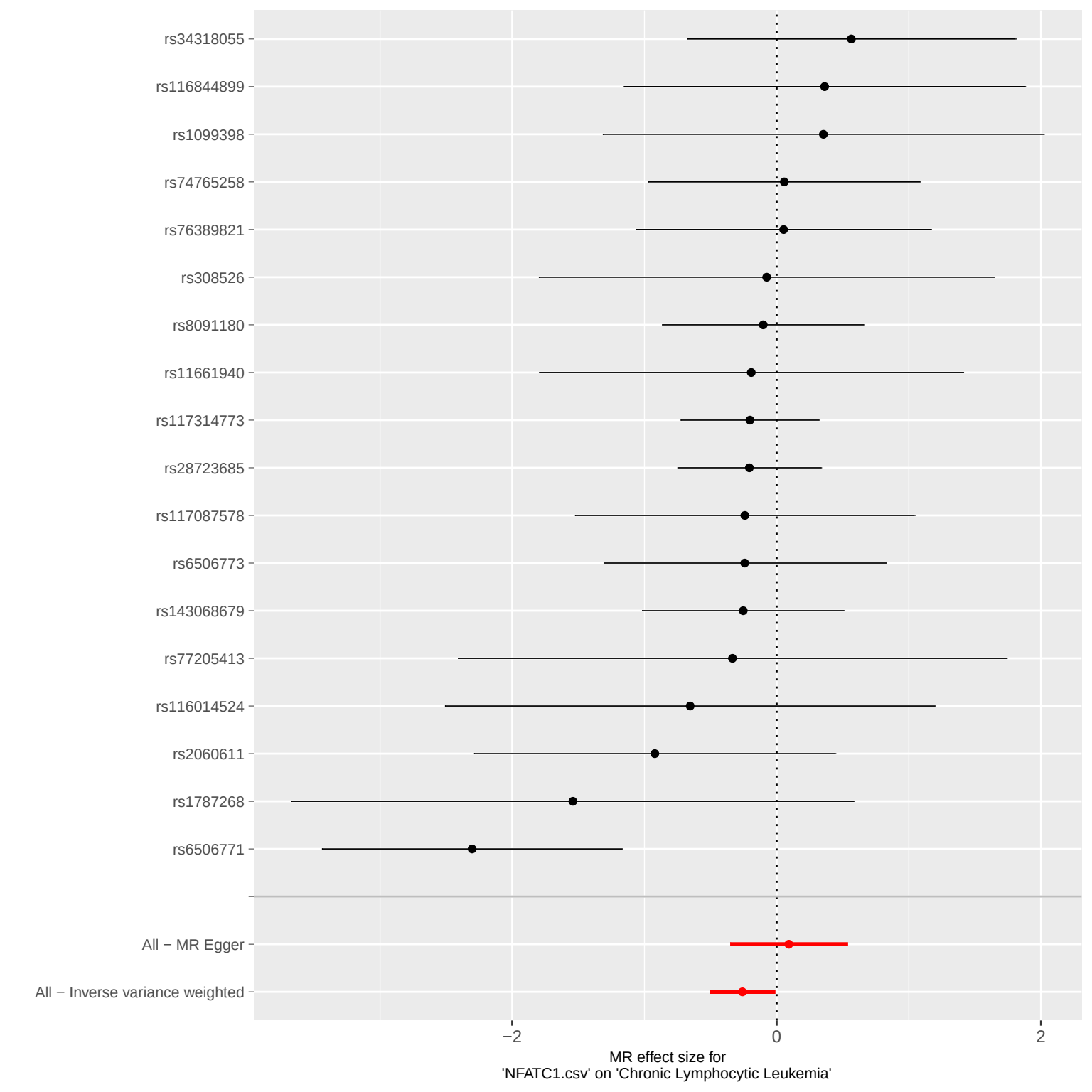
MR effect size for
'NEURL4.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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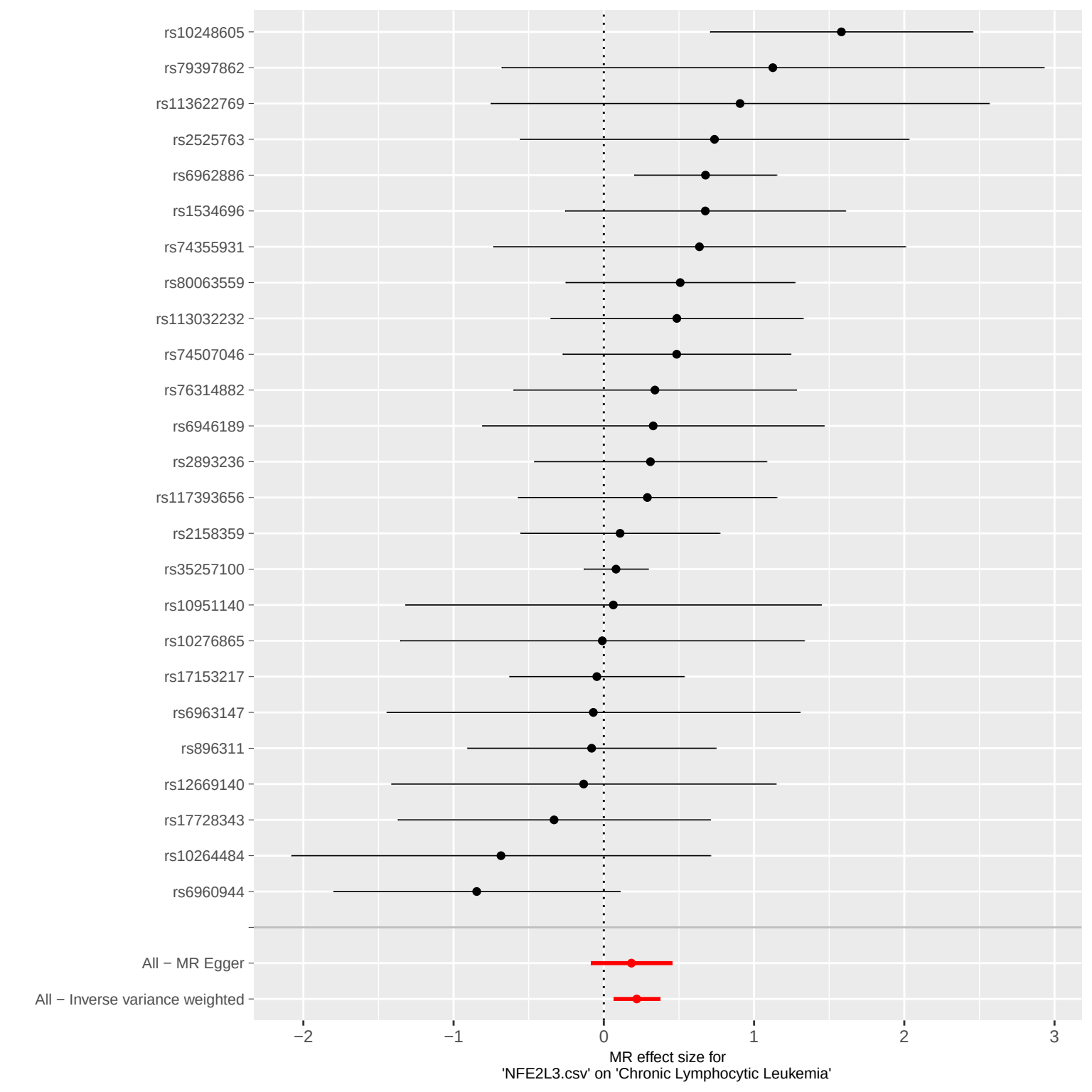
2
MR effect size for
'NFATC1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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2
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MR effect size for
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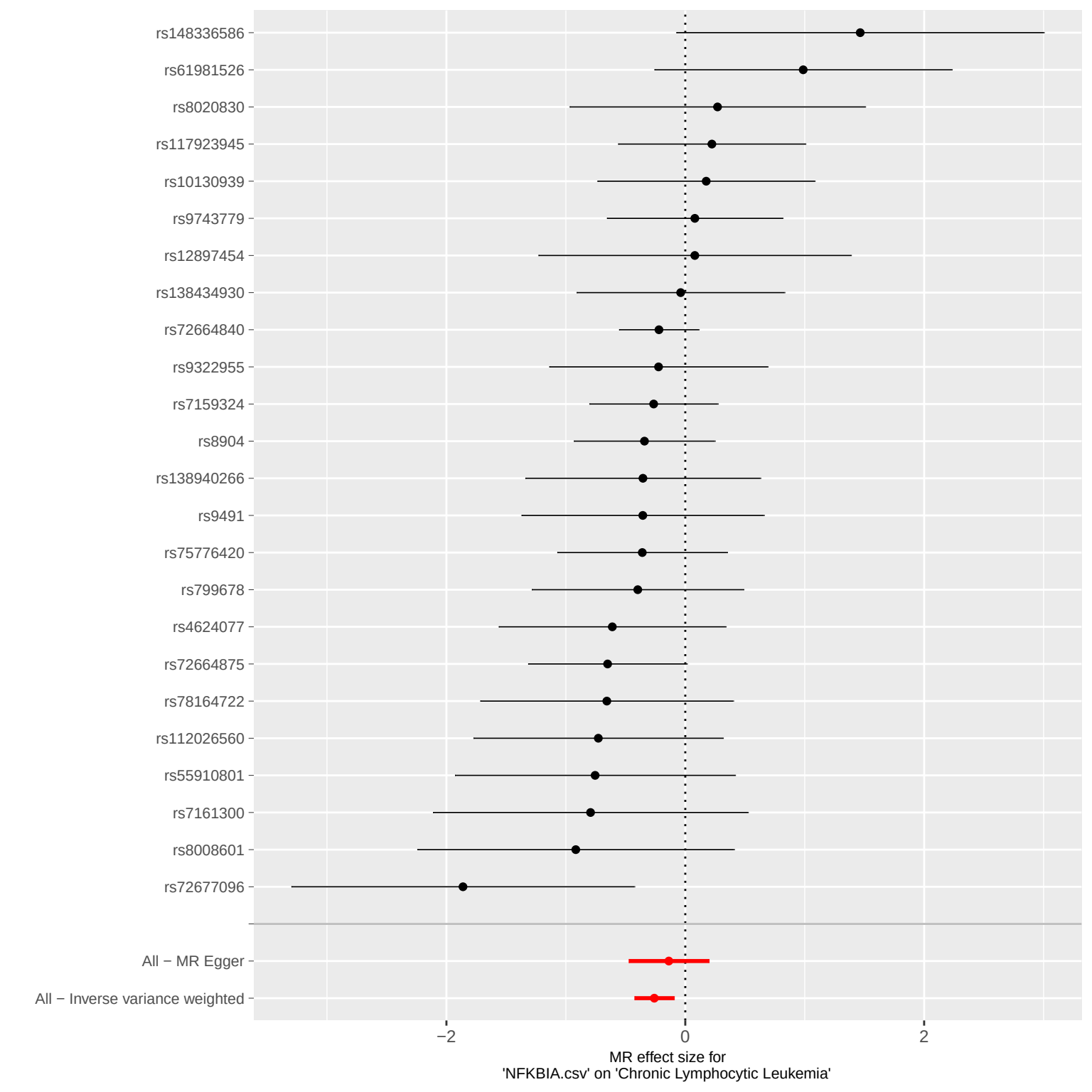
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All − Inverse variance weighted
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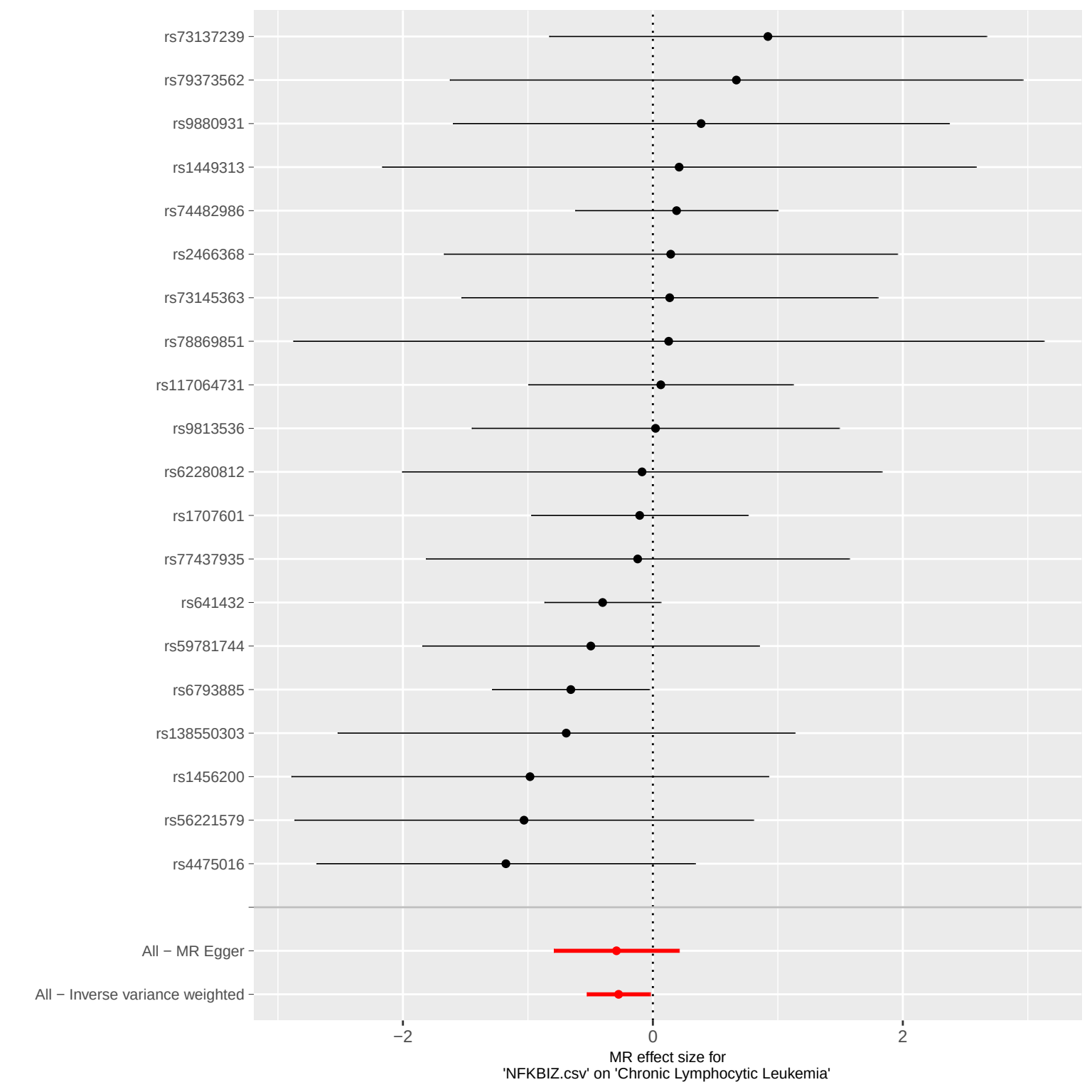
MR effect size for
'NFKBIA.csv' on 'Chronic Lymphocytic Leukemia'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rs56221579
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All − Inverse variance weighted
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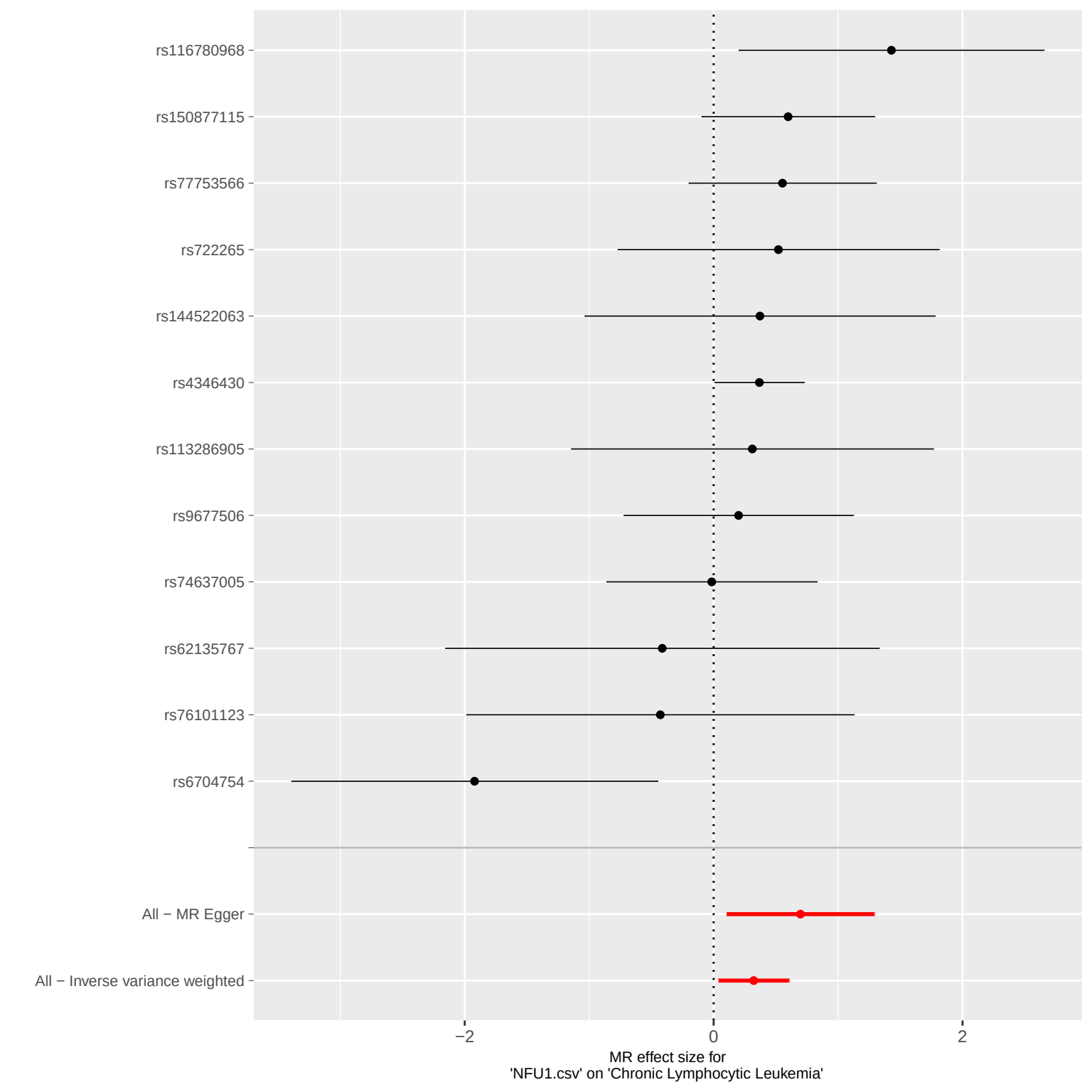
MR effect size for
'NFKBIZ.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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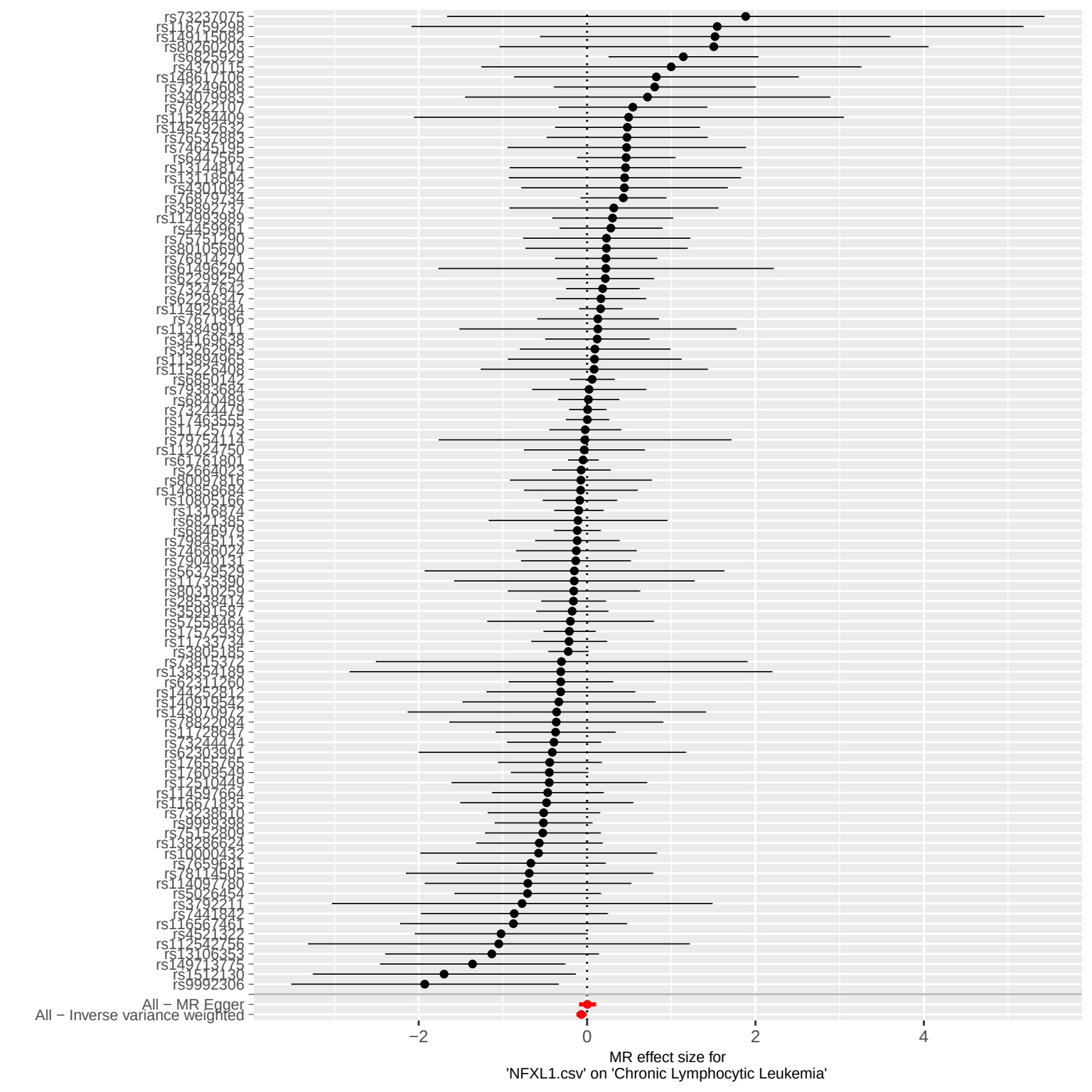
MR effect size for
'NFU1.csv' on 'Chronic Lymphocytic Leukemia'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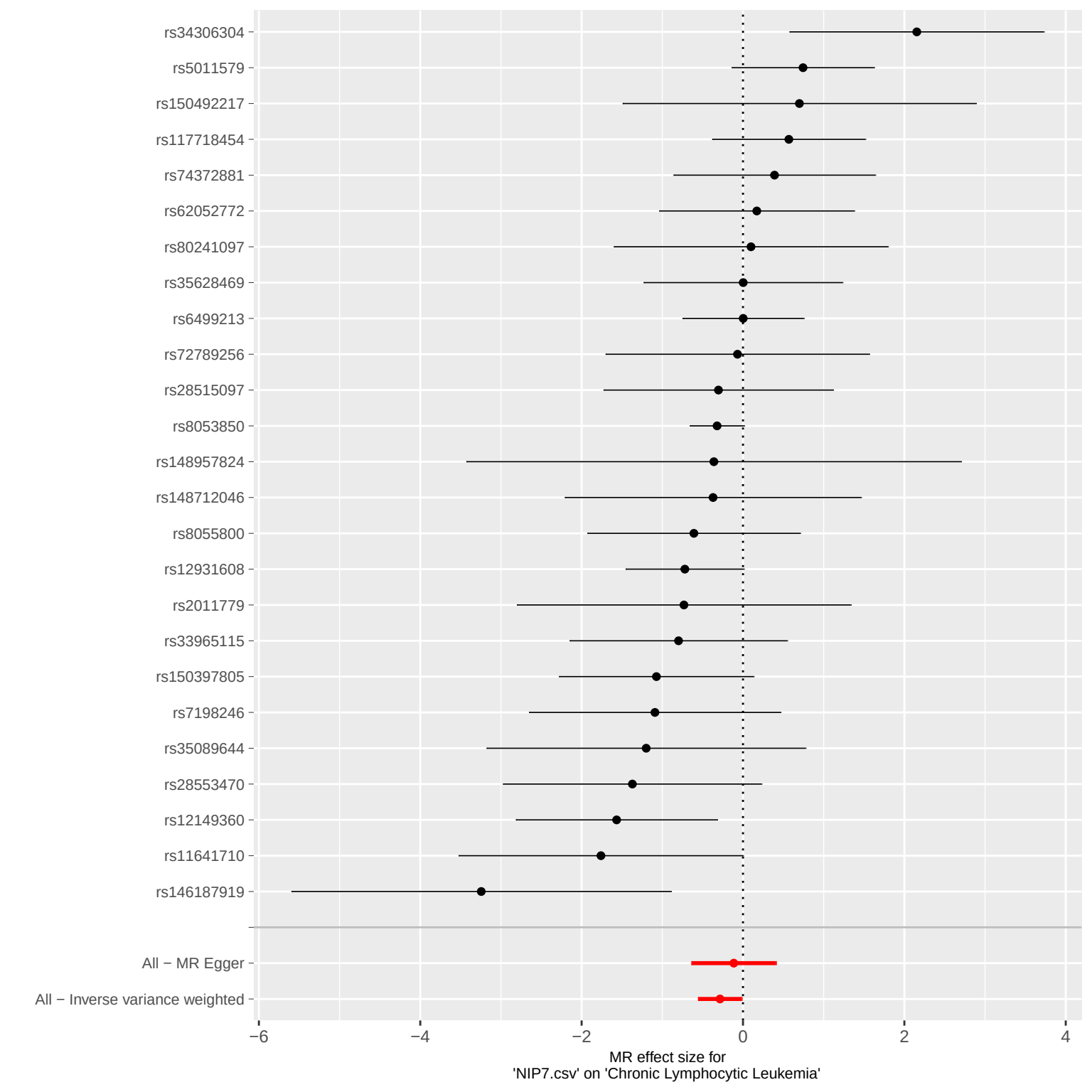
MR effect size for
'NFXL1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−4
−2
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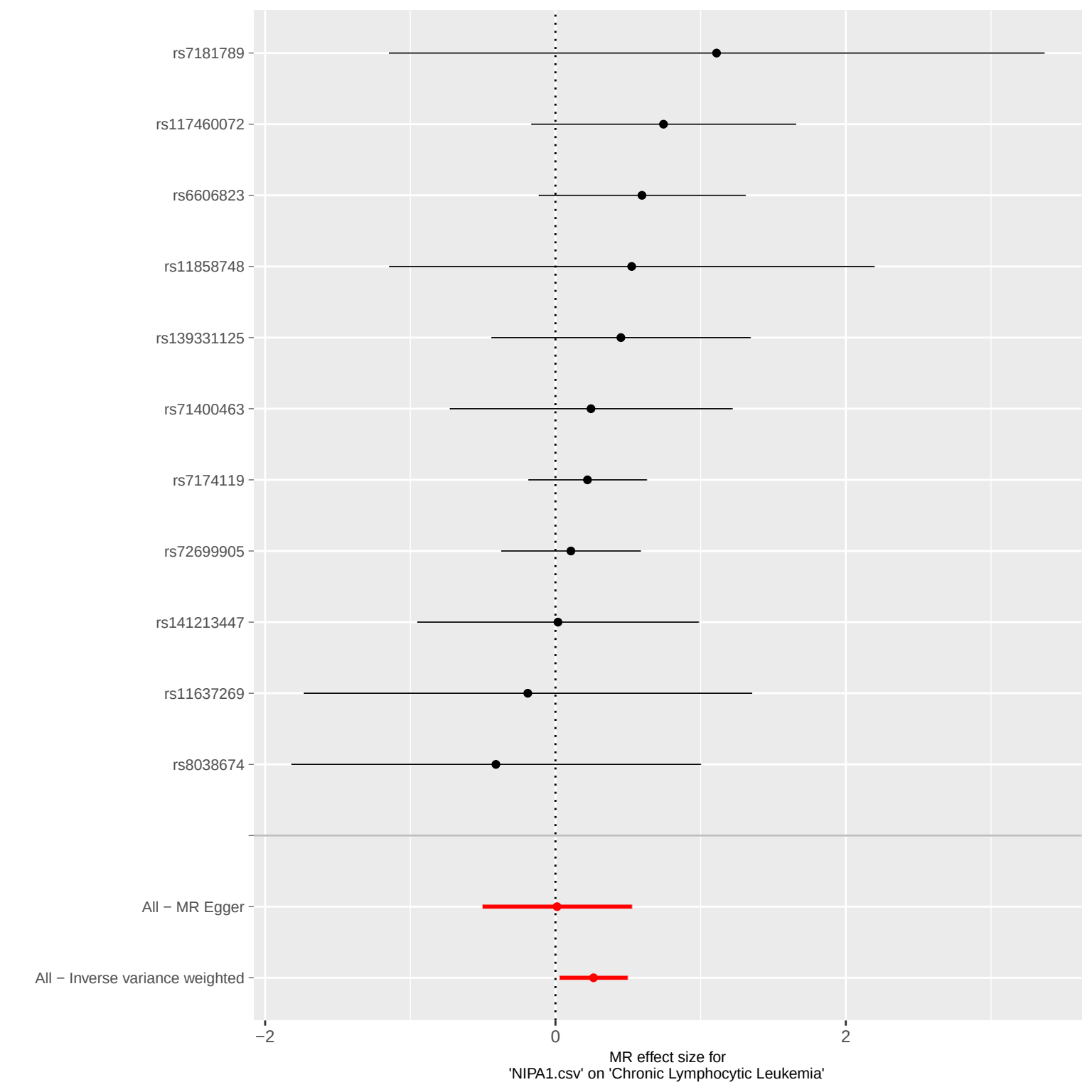
2
4
MR effect size for
'NIP7.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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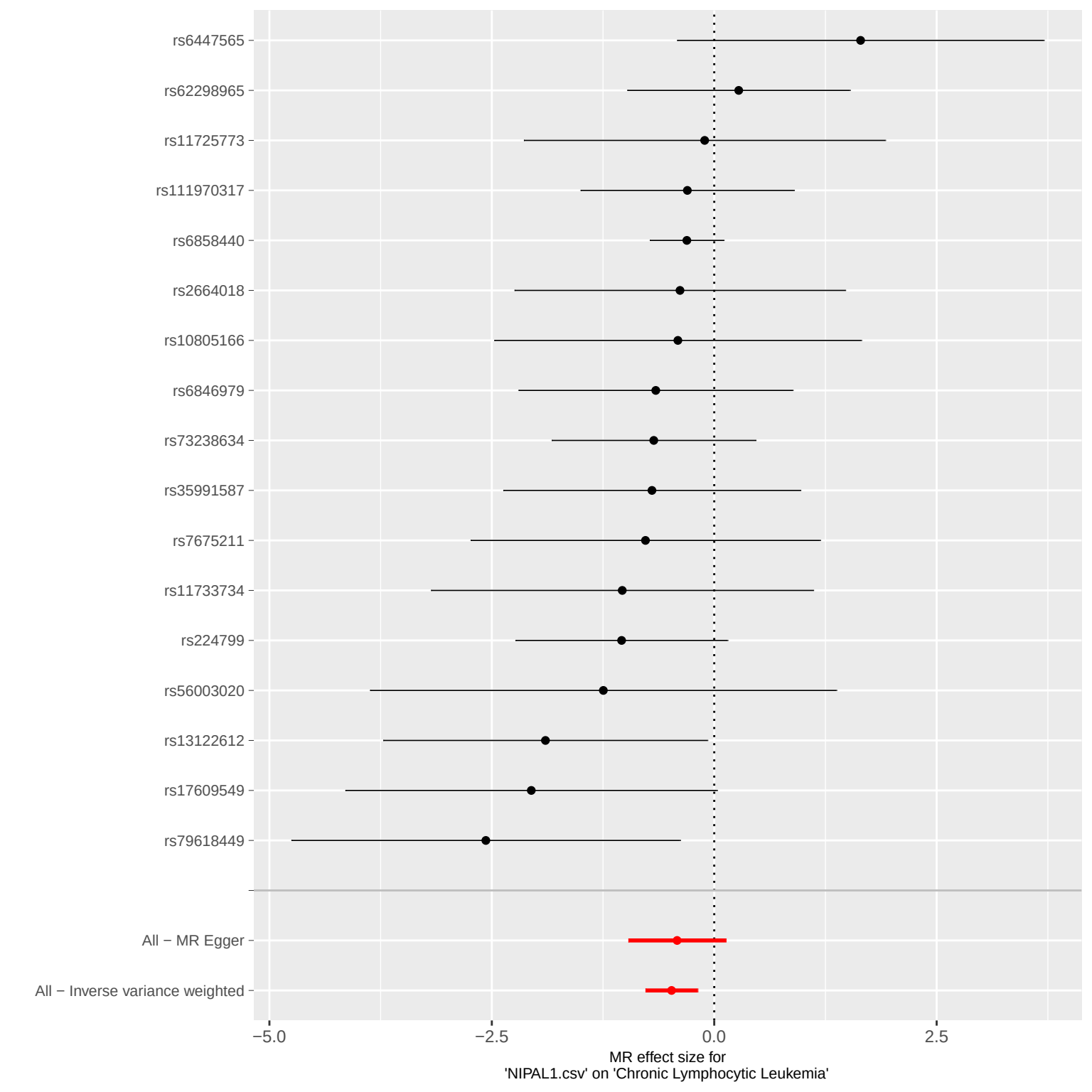
MR effect size for
'NIPA1.csv' on 'Chronic Lymphocytic Leukemia'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rs13122612
rs17609549
rs79618449
All − MR Egger
All − Inverse variance weighted
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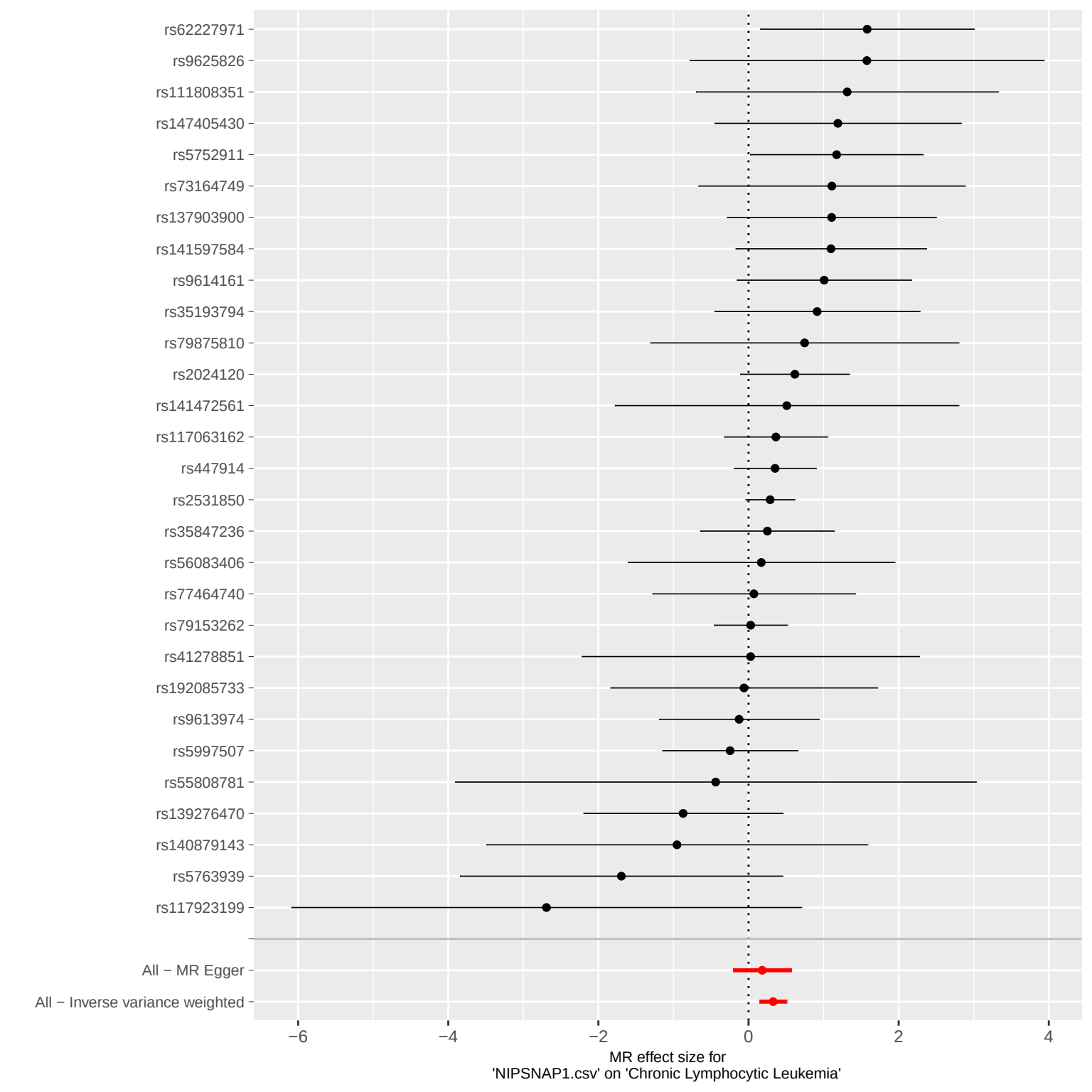
−2.5
0.0
2.5
MR effect size for
'NIPAL1.csv' on 'Chronic Lymphocytic Leukemia'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rs5997507
rs55808781
rs139276470
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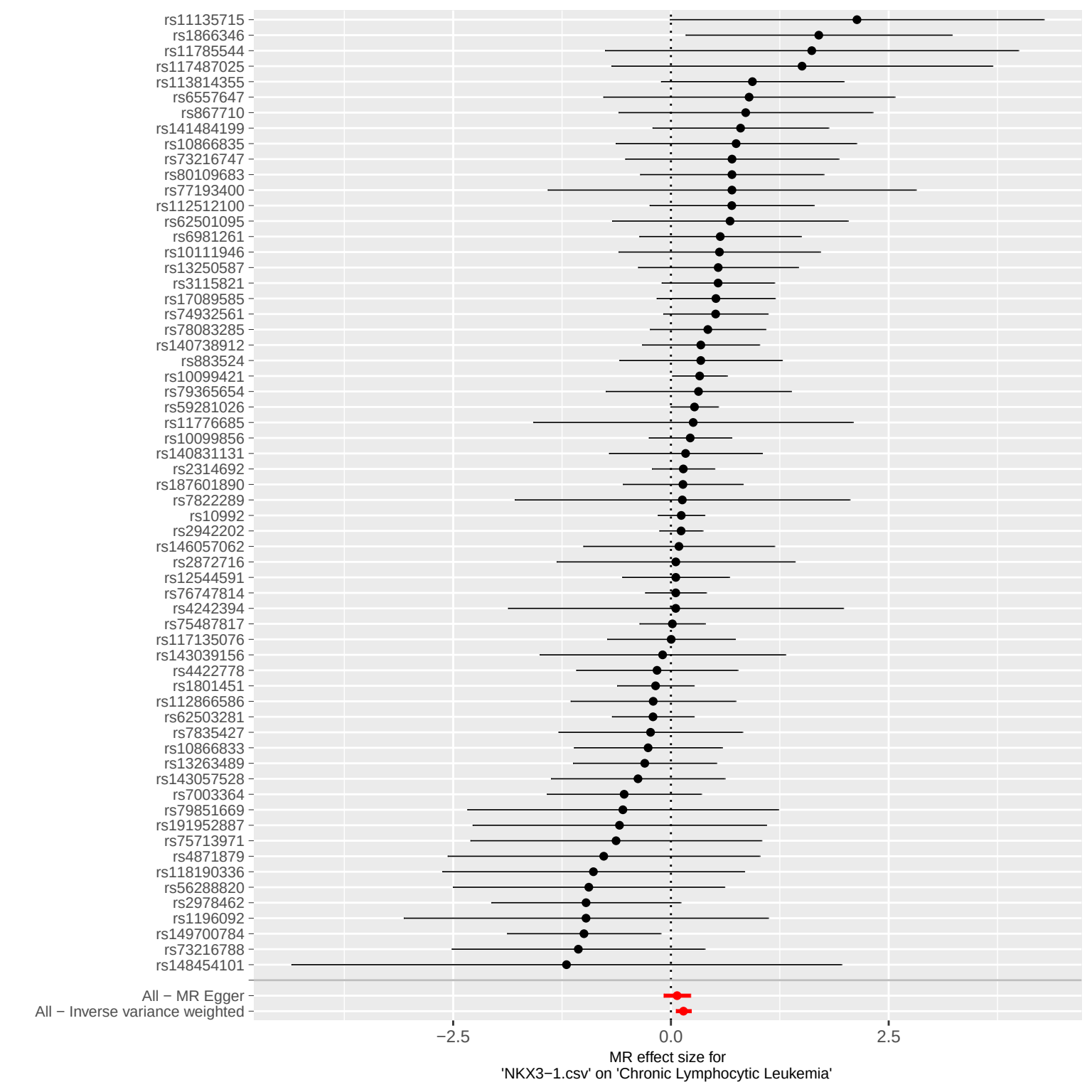
rs5763939
rs117923199
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'NIPSNAP1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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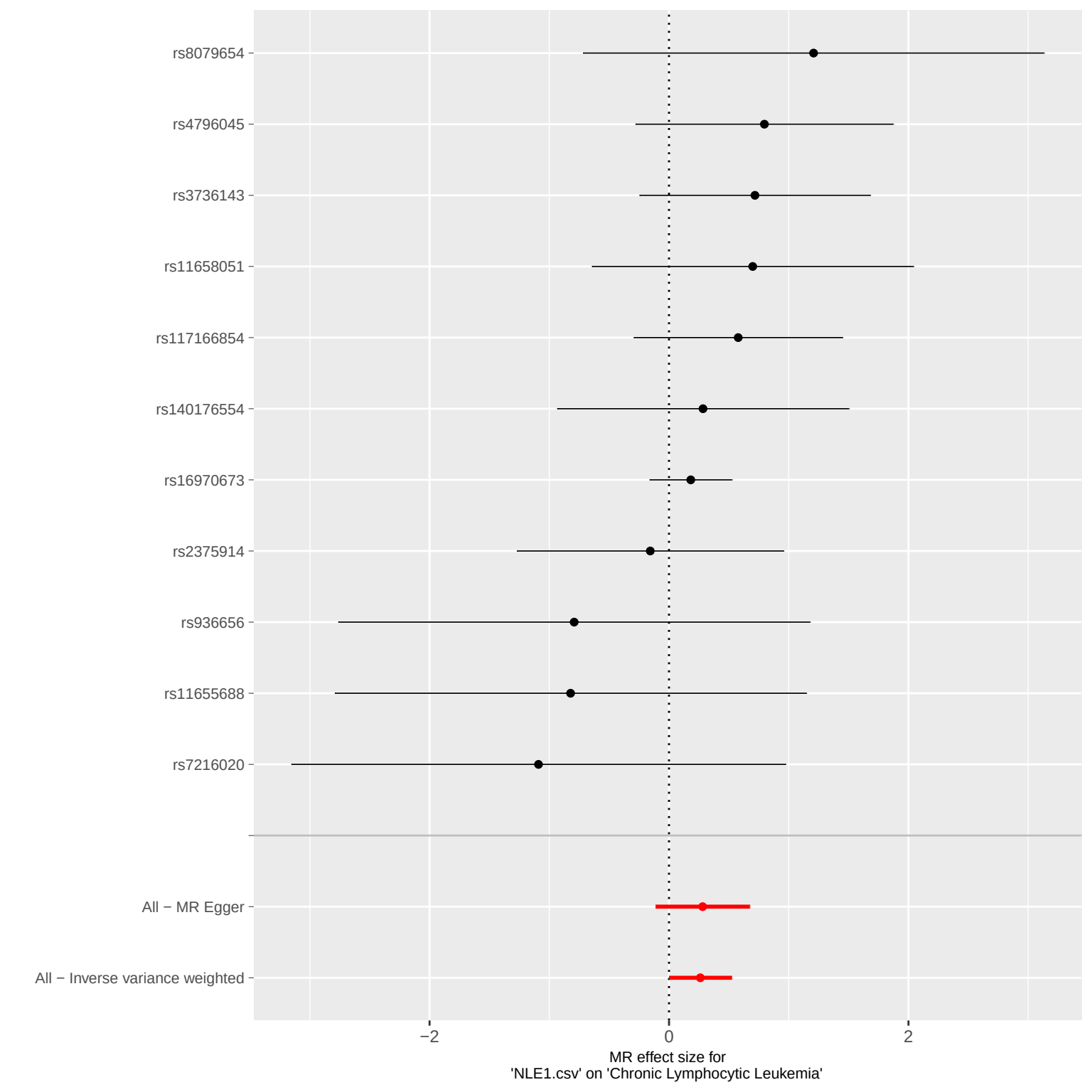
0.0
2.5
MR effect size for
'NKX3−1.csv' on 'Chronic Lymphocytic Leukemia'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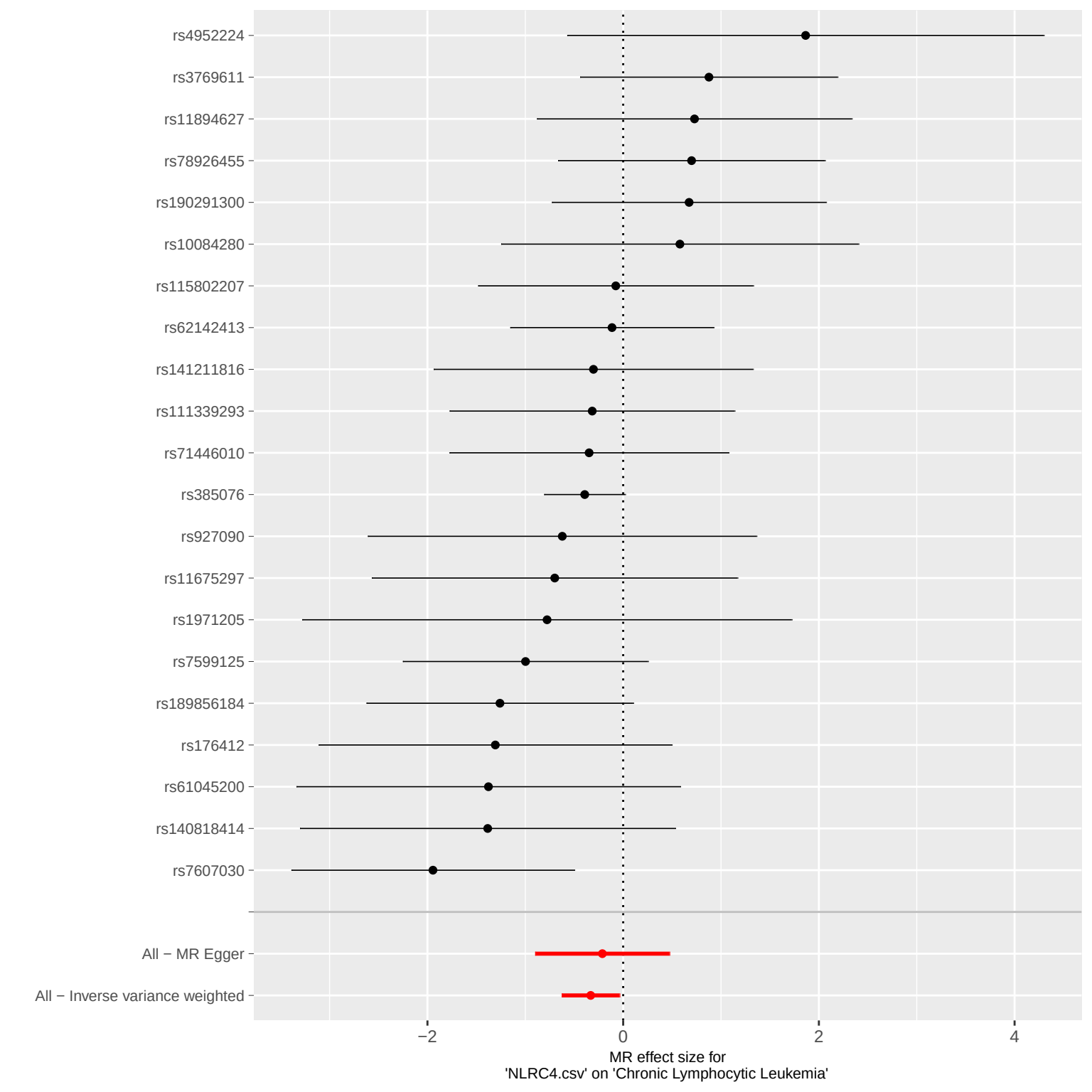
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'NLE1.csv' on 'Chronic Lymphocytic Leukemia'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rs385076
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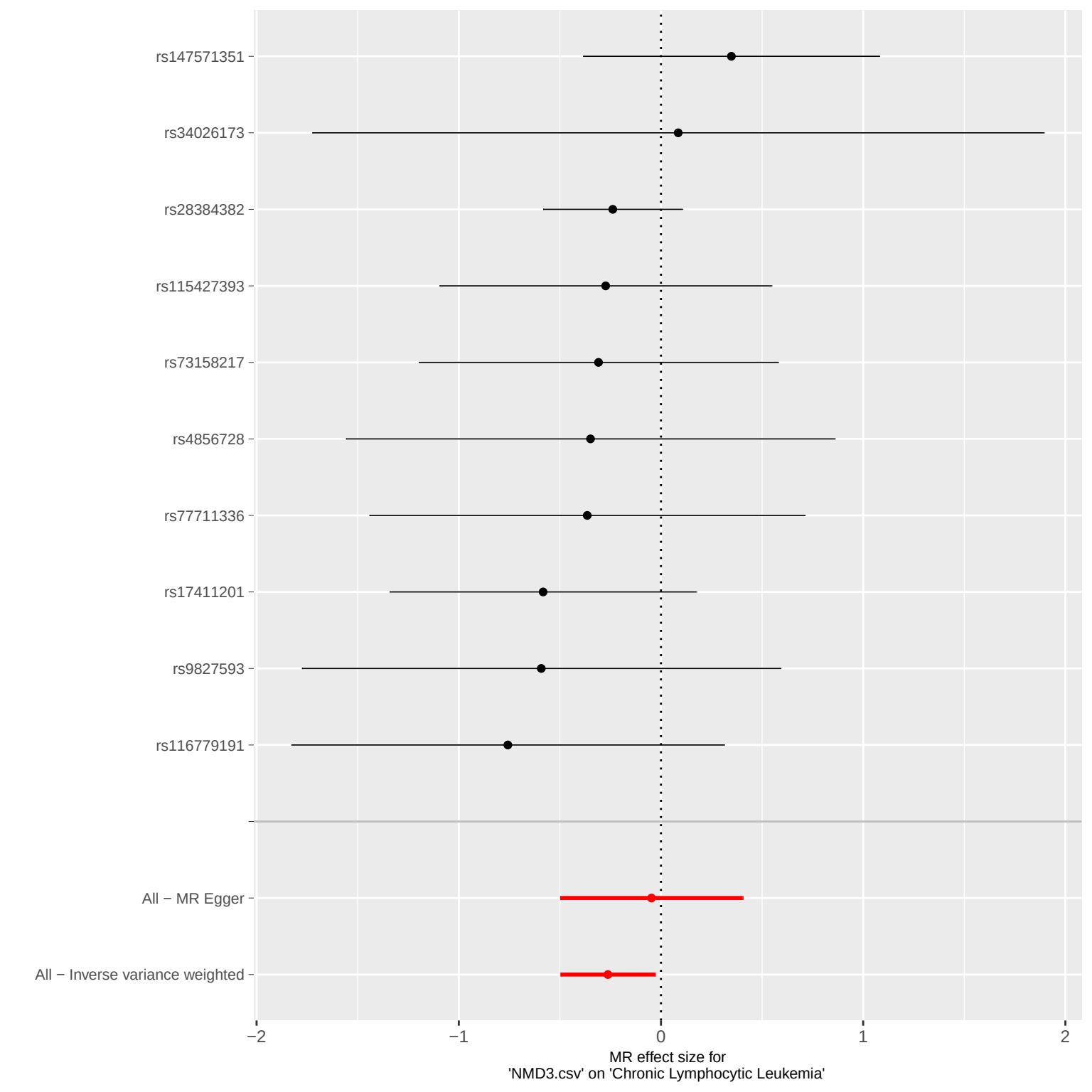
rs11675297
rs1971205
rs7599125
rs189856184
rs176412
rs61045200
rs140818414
rs7607030
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'NLRC4.csv' on 'Chronic Lymphocytic Leukemia'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rs34026173
rs28384382
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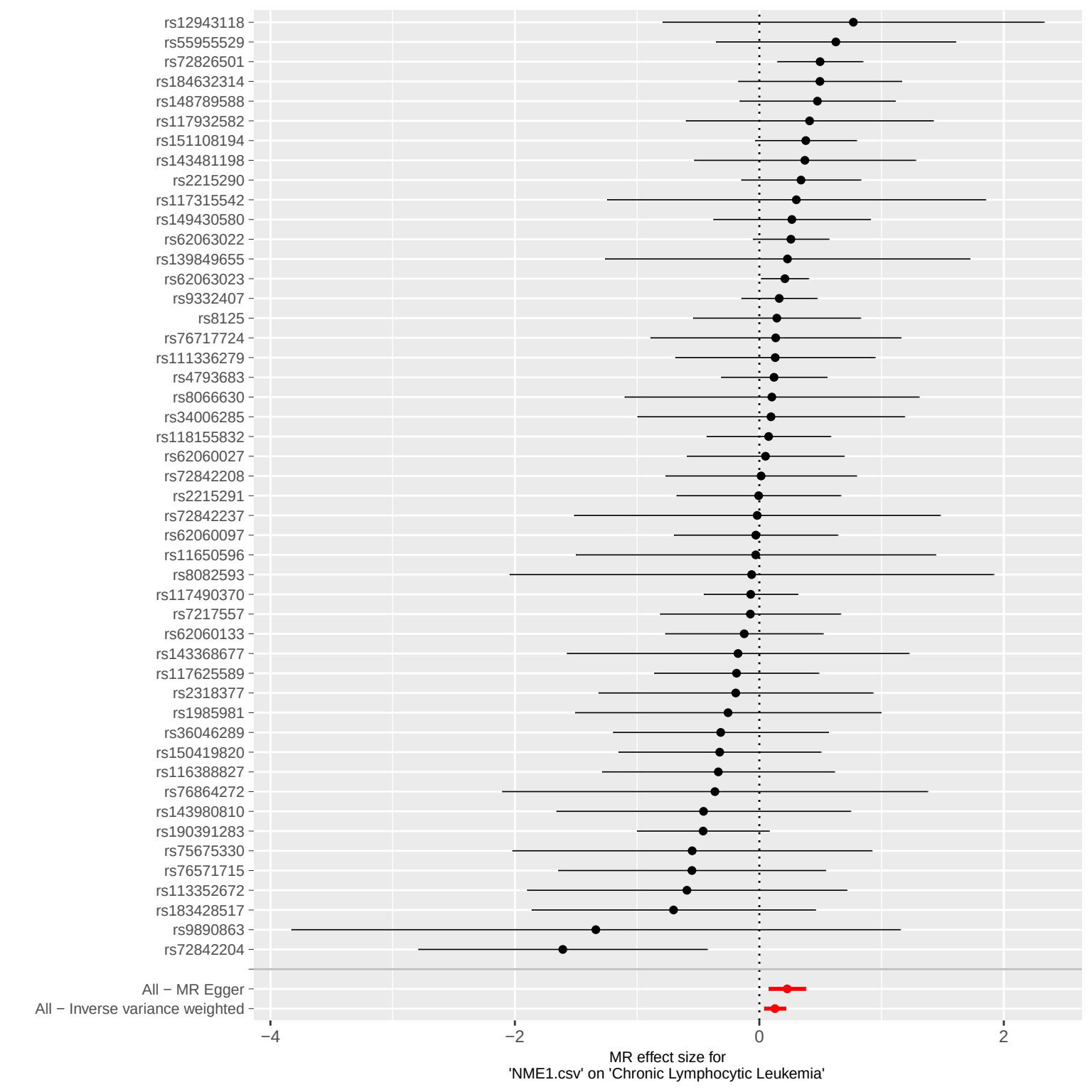
rs73158217
rs4856728
rs77711336
rs17411201
rs9827593
rs116779191
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'NMD3.csv' on 'Chronic Lymphocytic Leukemia'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rs117625589
rs2318377
rs1985981
rs36046289
rs150419820
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rs76864272
rs143980810
rs190391283
rs75675330
rs76571715
rs113352672
rs183428517
rs9890863
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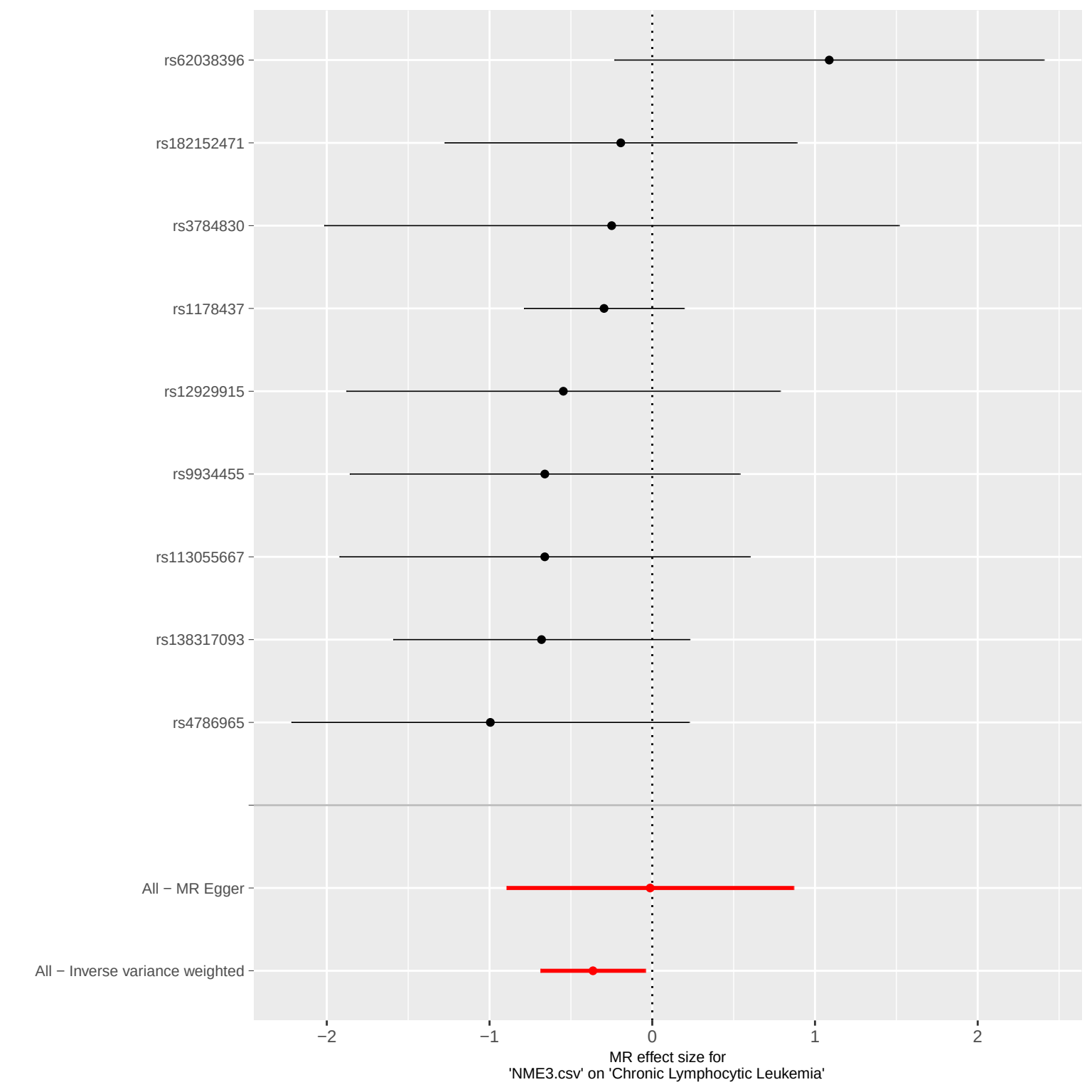
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'NME1.csv' on 'Chronic Lymphocytic Leukemia'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rs1178437
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rs9934455
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rs138317093
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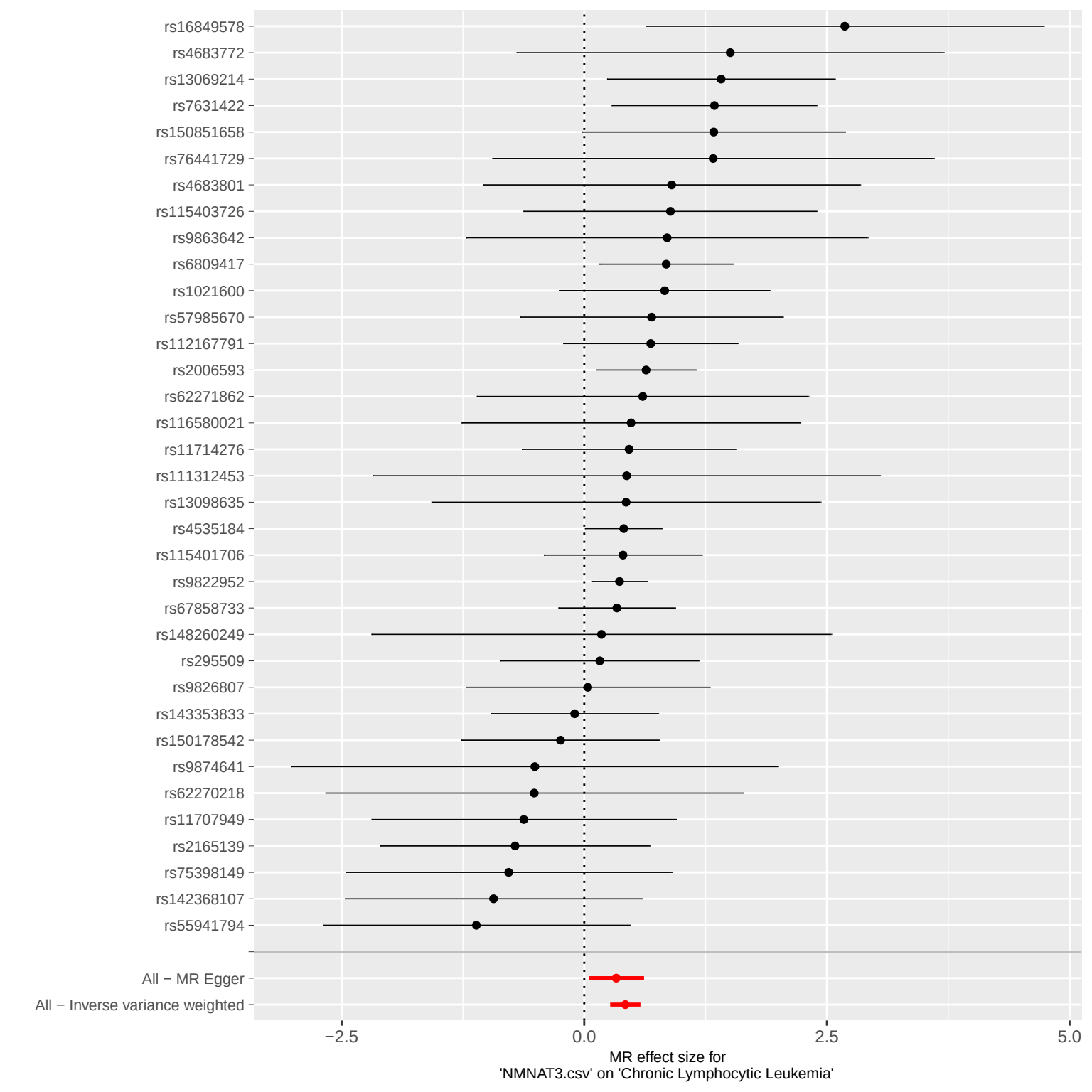
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'NME3.csv' on 'Chronic Lymphocytic Leukemia'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rs9826807
rs143353833
rs150178542
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rs11707949
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rs75398149
rs142368107
rs55941794
All − MR Egger
All − Inverse variance weighted
−2.5
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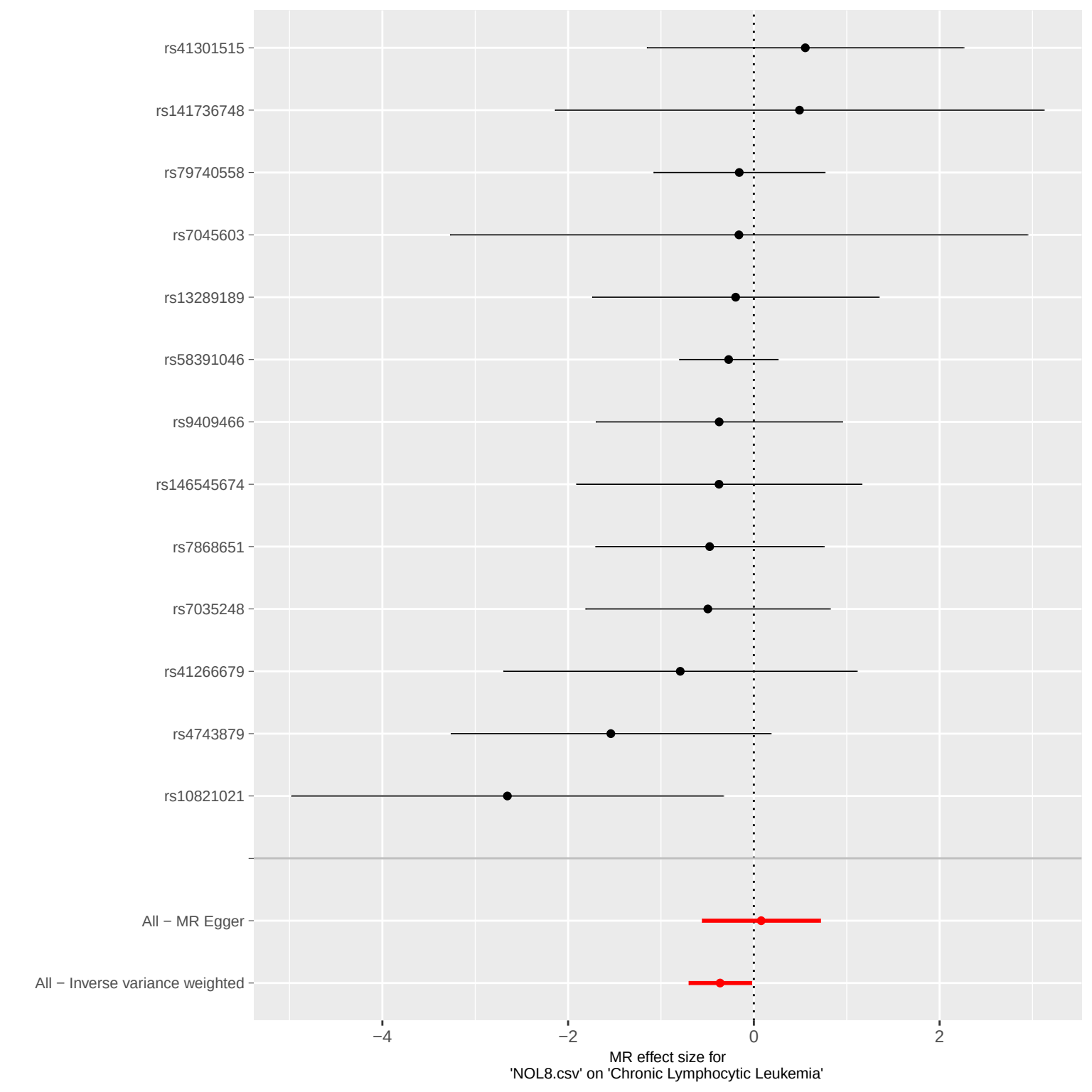
2.5
5.0
MR effect size for
'NMNAT3.csv' on 'Chronic Lymphocytic Leukemia'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rs7035248
rs41266679
rs4743879
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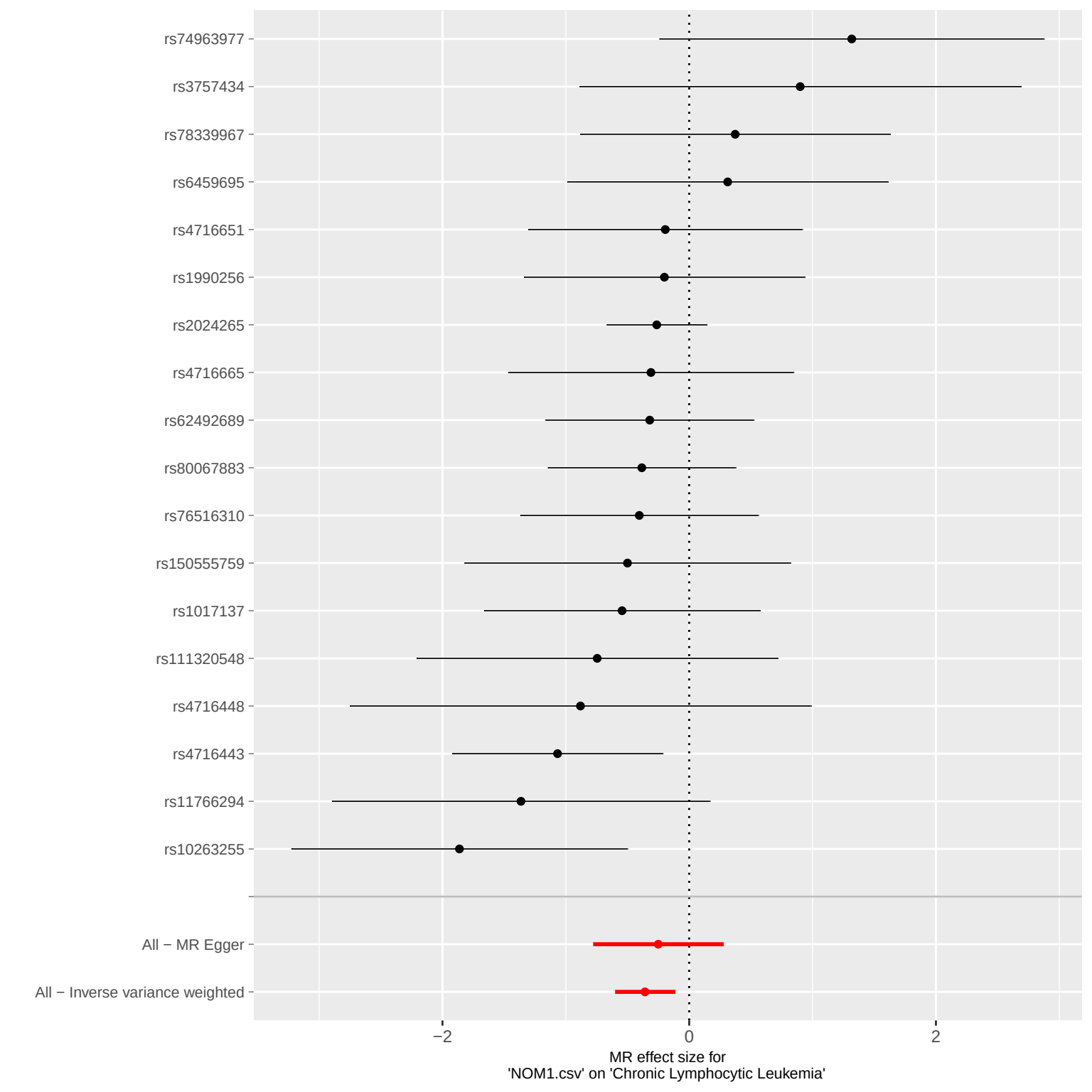
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'NOL8.csv' on 'Chronic Lymphocytic Leukemia'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rs150555759
rs1017137
rs111320548
rs4716448
rs4716443
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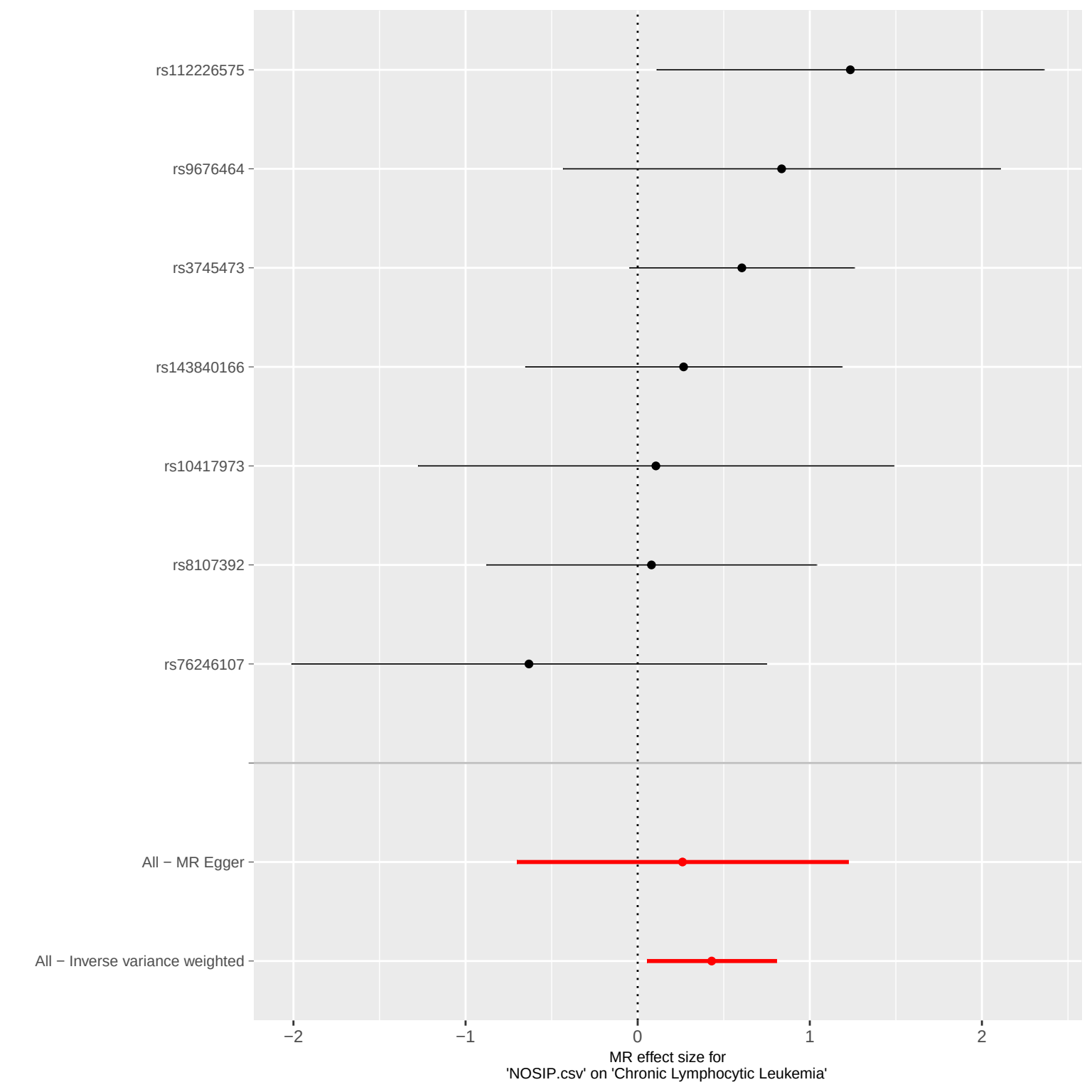
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'NOM1.csv' on 'Chronic Lymphocytic Leukemia'


rs112226575
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rs10417973
rs8107392
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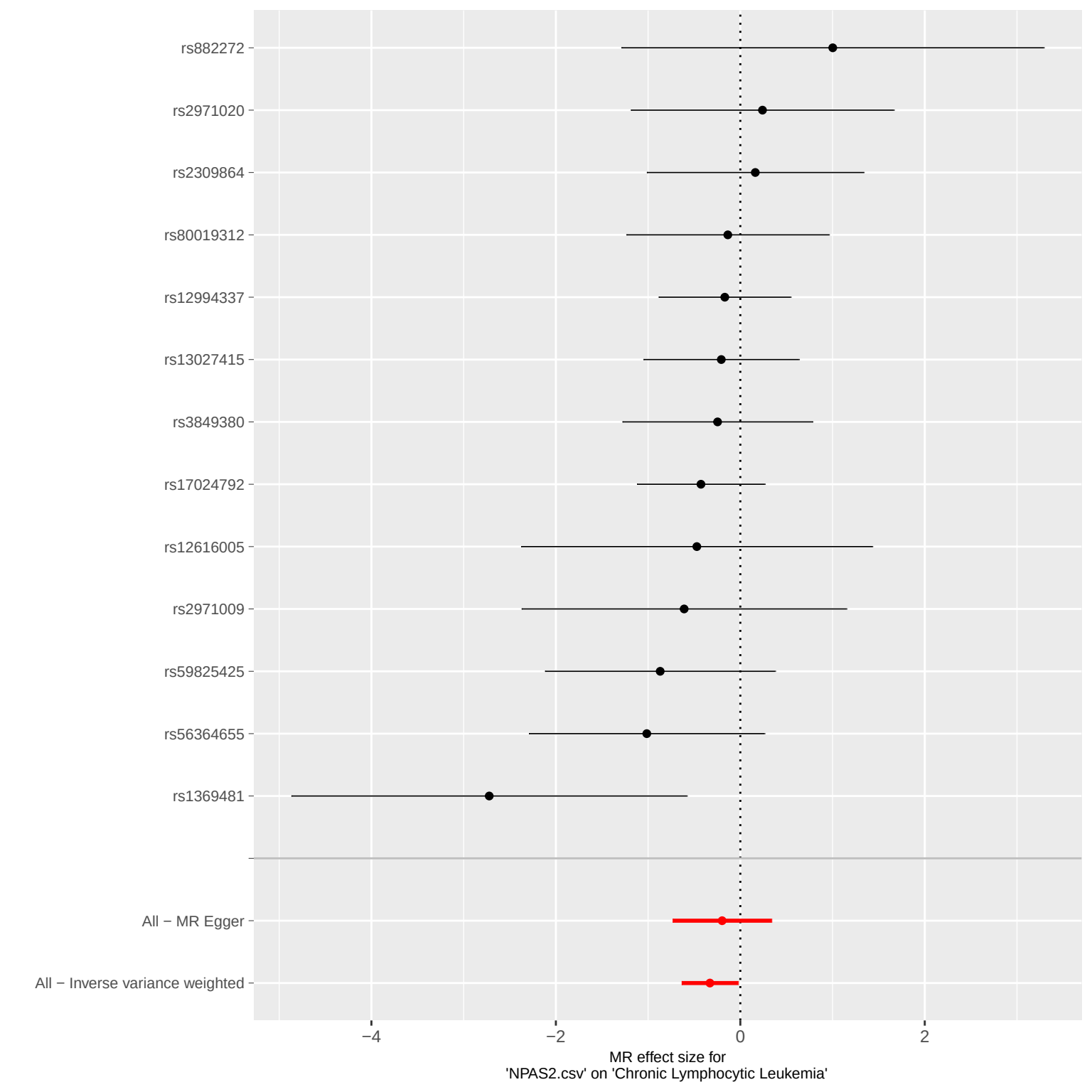
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'NOSIP.csv' on 'Chronic Lymphocytic Leukemia'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rs59825425
rs56364655
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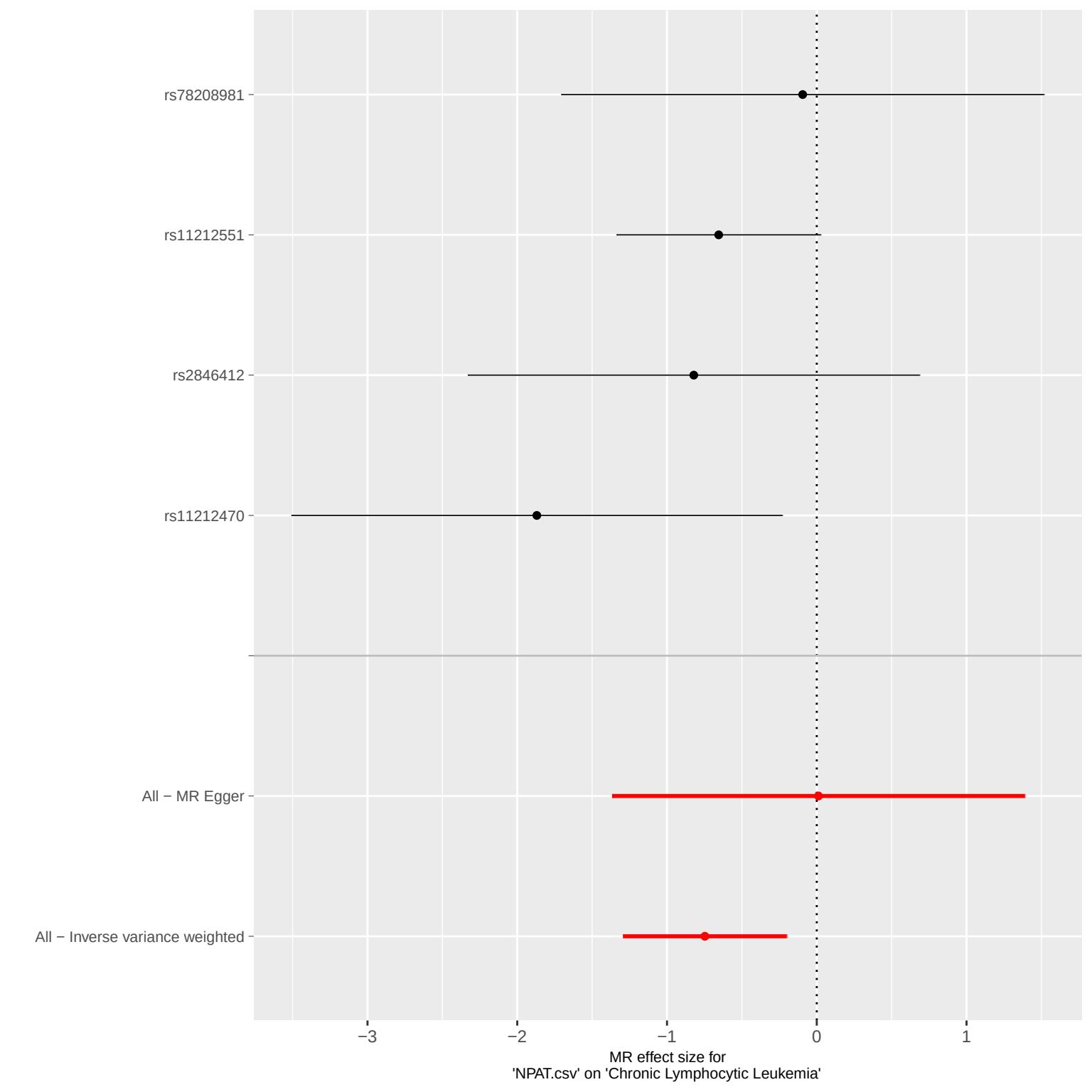
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'NPAS2.csv' on 'Chronic Lymphocytic Leukemia'


rs78208981
rs11212551
rs2846412
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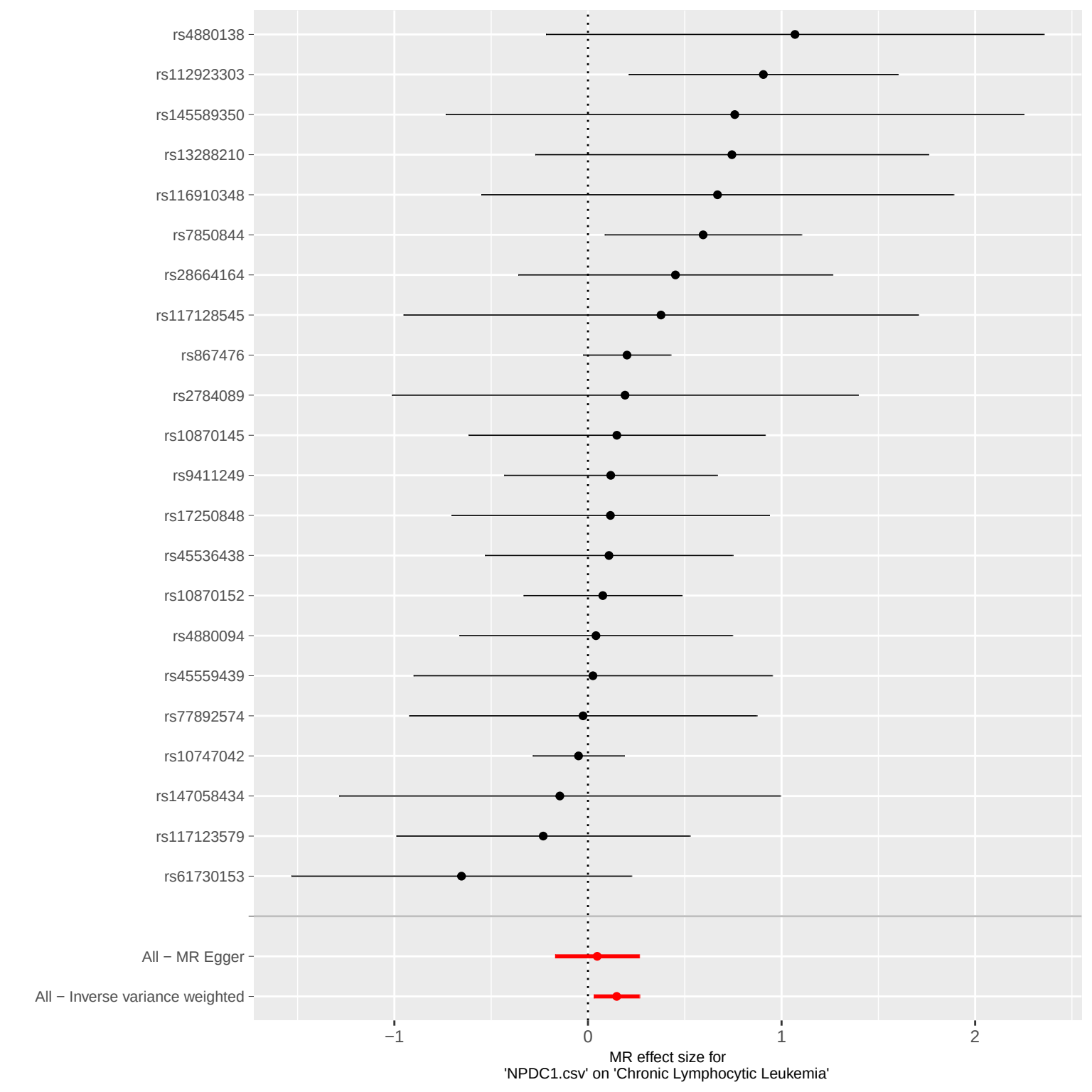
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'NPAT.csv' on 'Chronic Lymphocytic Leukemia'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rs10747042
rs147058434
rs117123579
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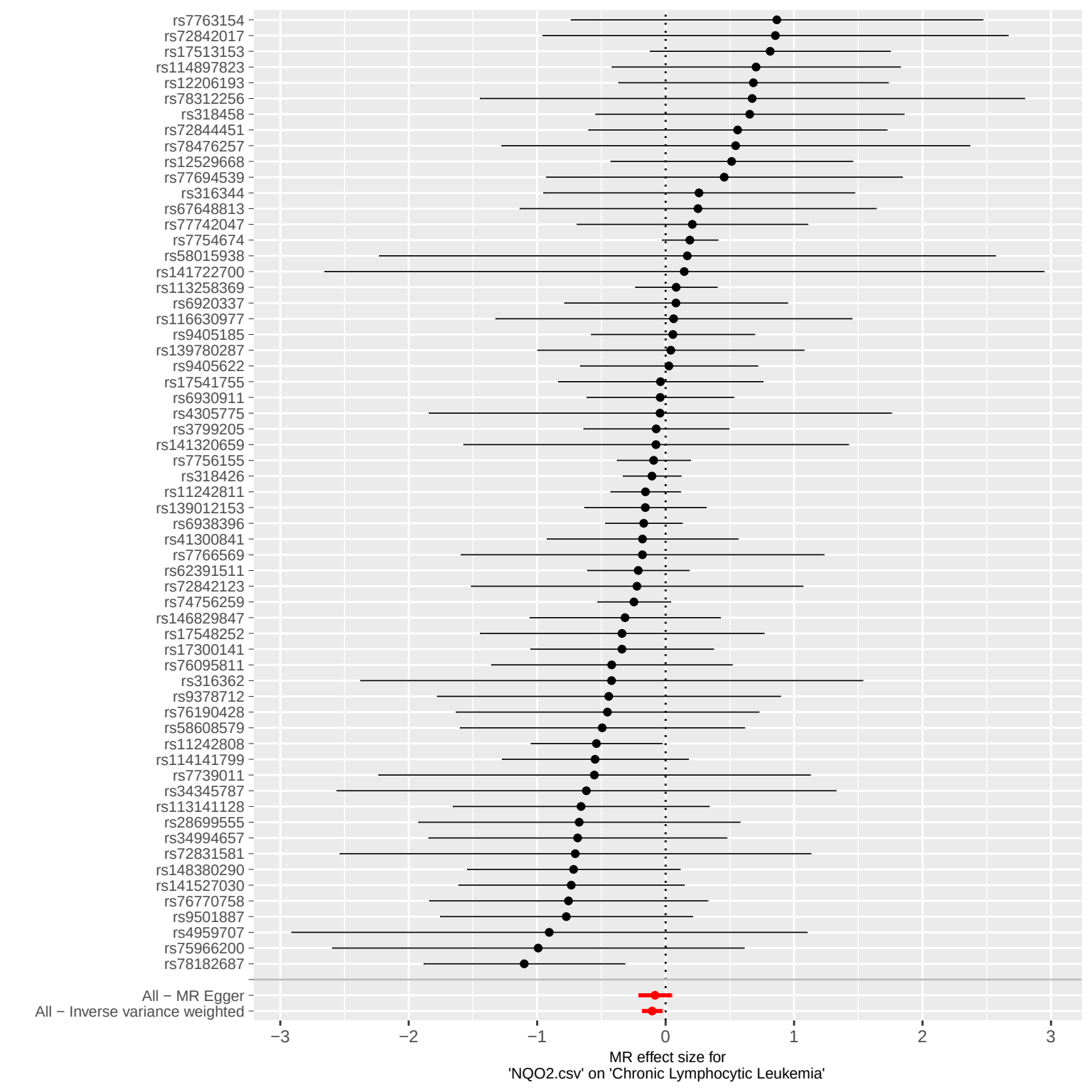
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'NPDC1.csv' on 'Chronic Lymphocytic Leukemia'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rs28699555
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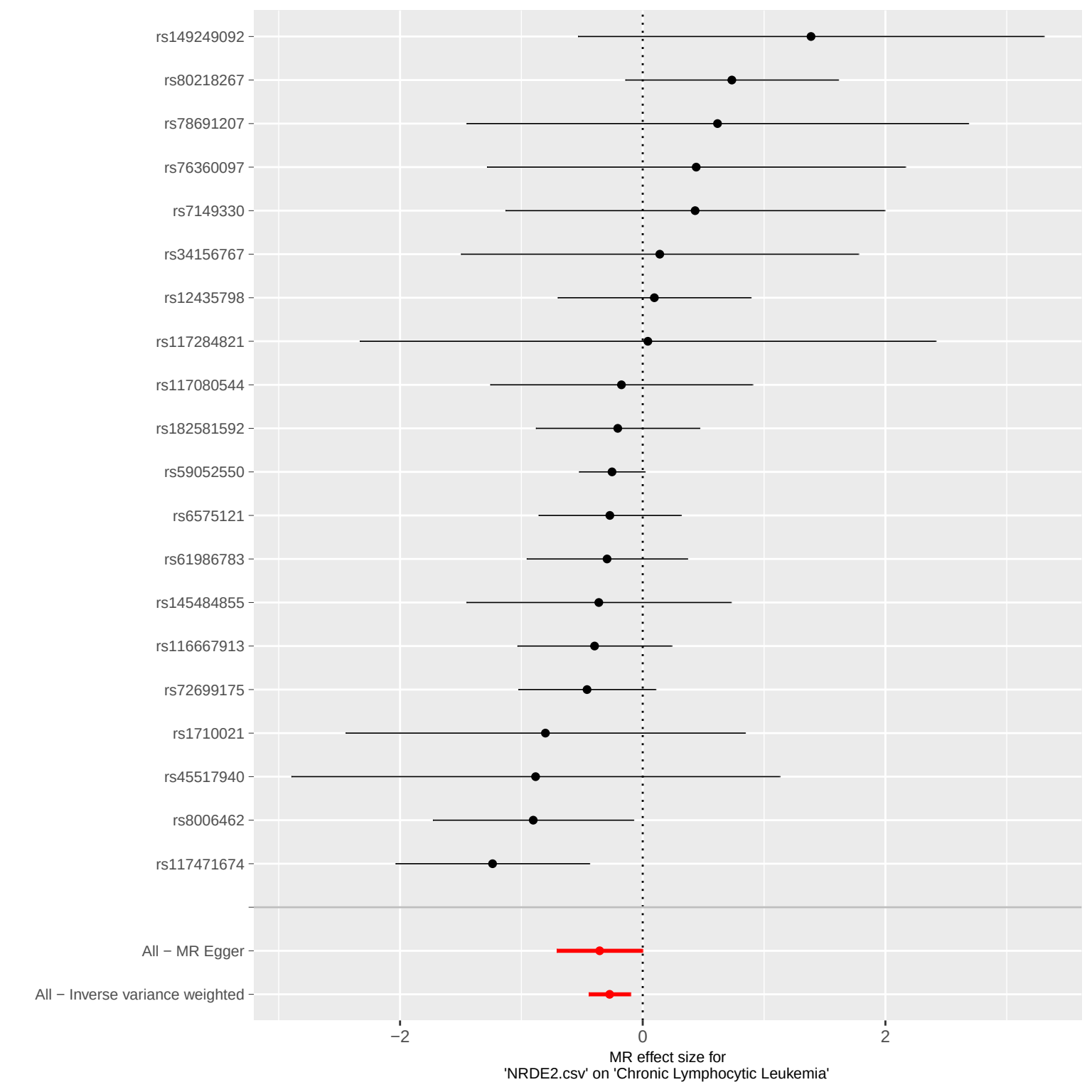
rs148380290
rs141527030
rs76770758
rs9501887
rs4959707
rs75966200
rs78182687
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'NQO2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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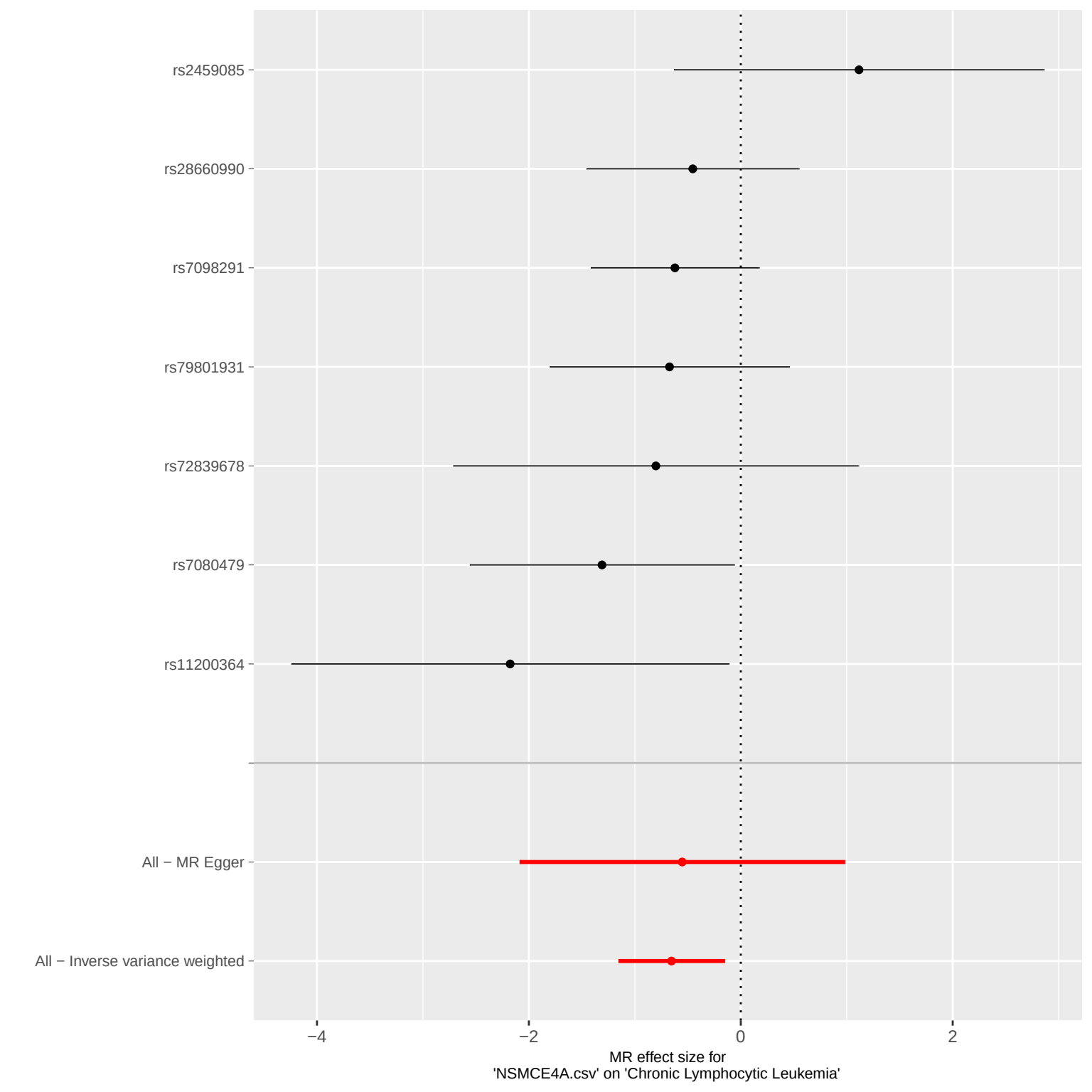
2
MR effect size for
'NRDE2.csv' on 'Chronic Lymphocytic Leukemia'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rs72839678
rs7080479
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All − MR Egger
All − Inverse variance weighted
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−2
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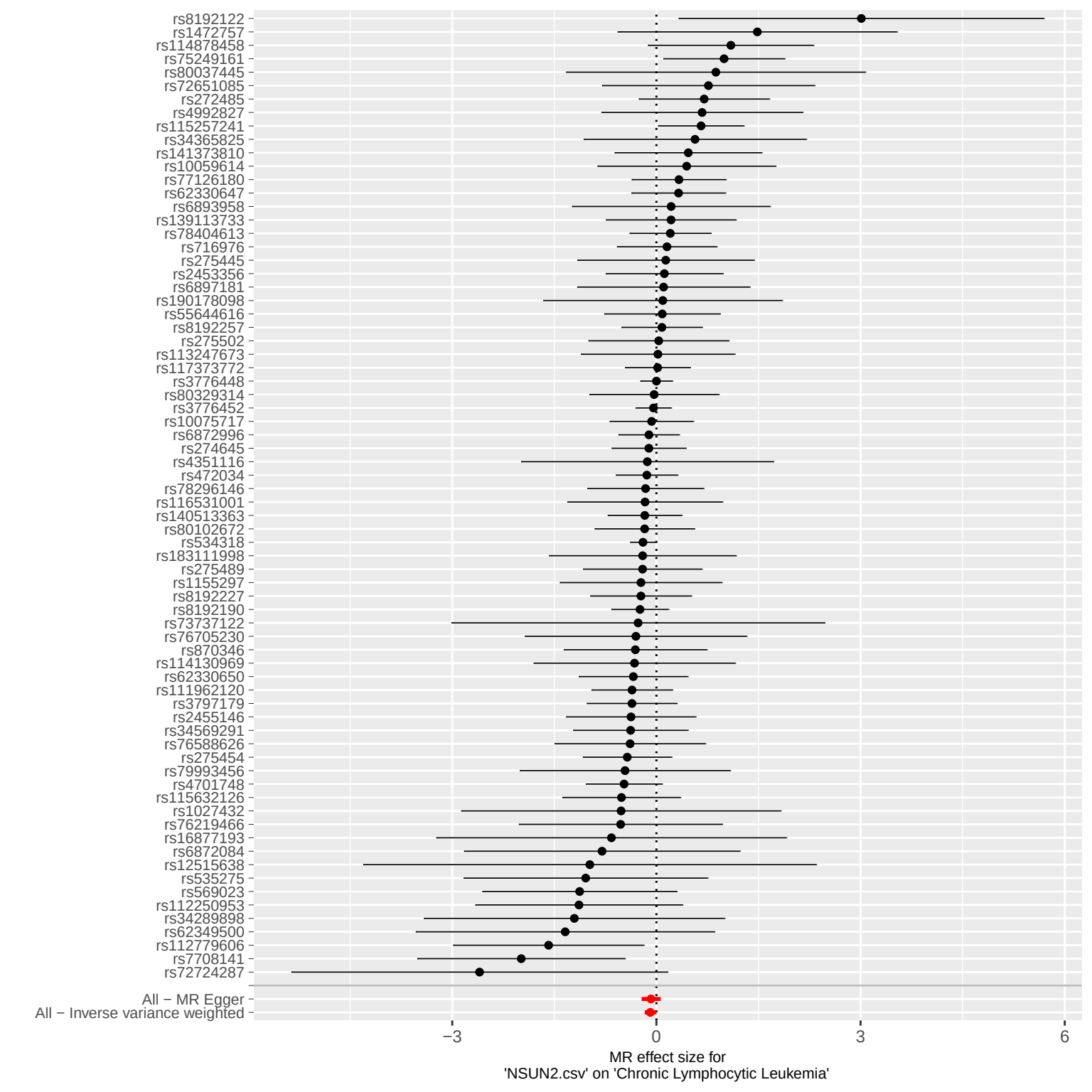
2
MR effect size for
'NSMCE4A.csv' on 'Chronic Lymphocytic Leukemia'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rs6872084
rs12515638
rs535275
rs569023
rs112250953
rs34289898
rs62349500
rs112779606
rs7708141
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All − MR Egger
All − Inverse variance weighted
−3
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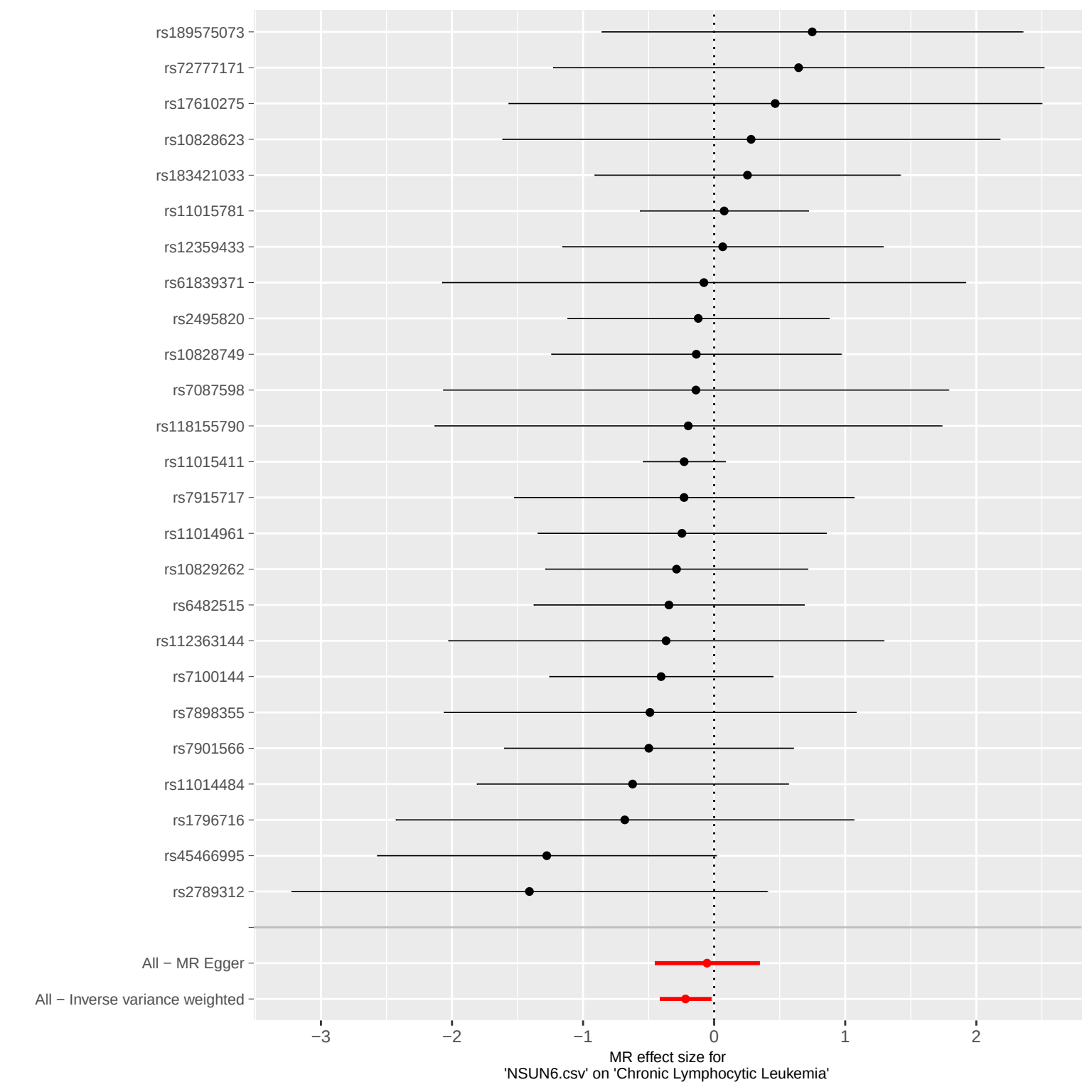
6
MR effect size for
'NSUN2.csv' on 'Chronic Lymphocytic Leukemia'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rs118155790
rs11015411
rs7915717
rs11014961
rs10829262
rs6482515
rs112363144
rs7100144
rs7898355
rs7901566
rs11014484
rs1796716
rs45466995
rs2789312
All − MR Egger
All − Inverse variance weighted
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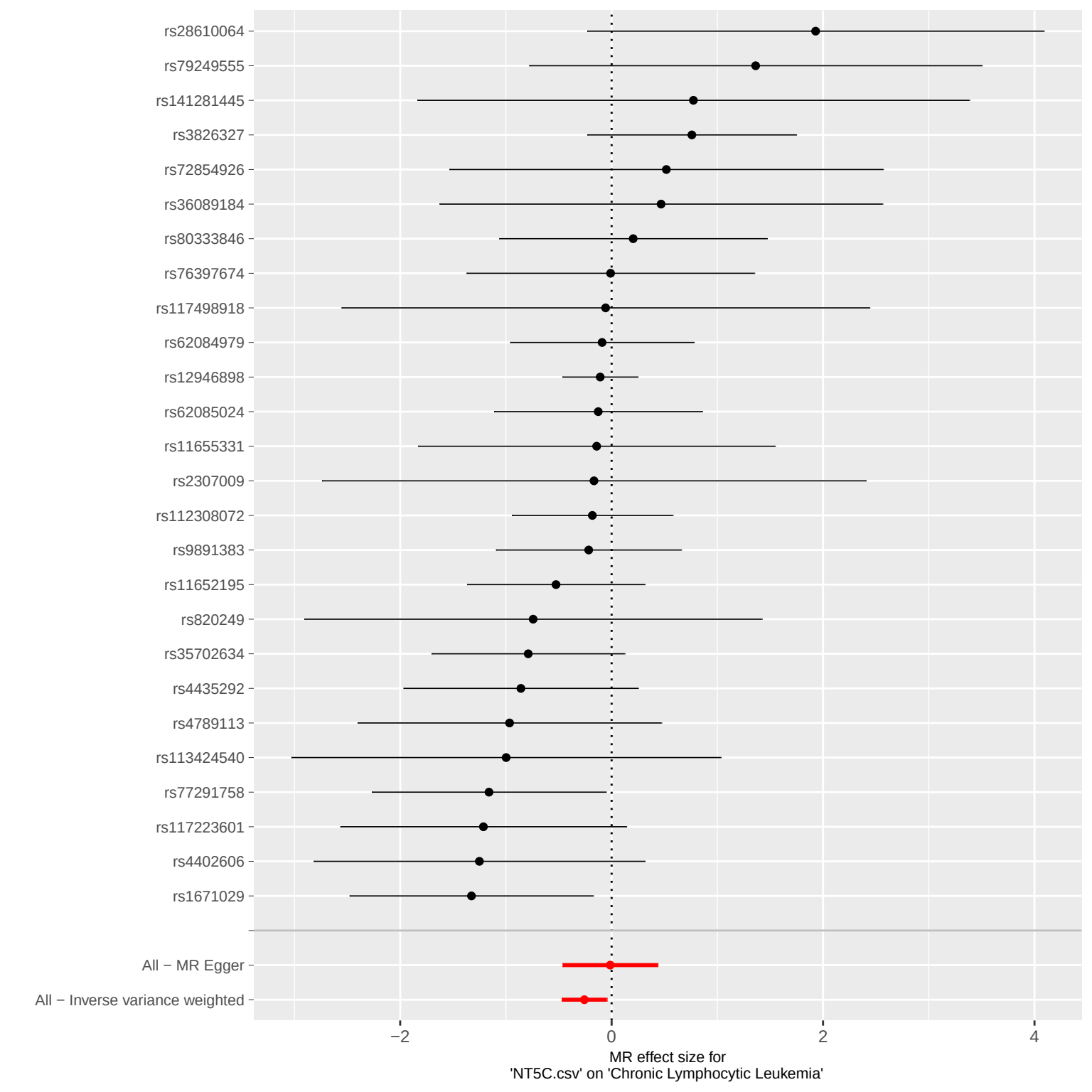
−2
−1
0
1
2
MR effect size for
'NSUN6.csv' on 'Chronic Lymphocytic Leukemia'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rs820249
rs35702634
rs4435292
rs4789113
rs113424540
rs77291758
rs117223601
rs4402606
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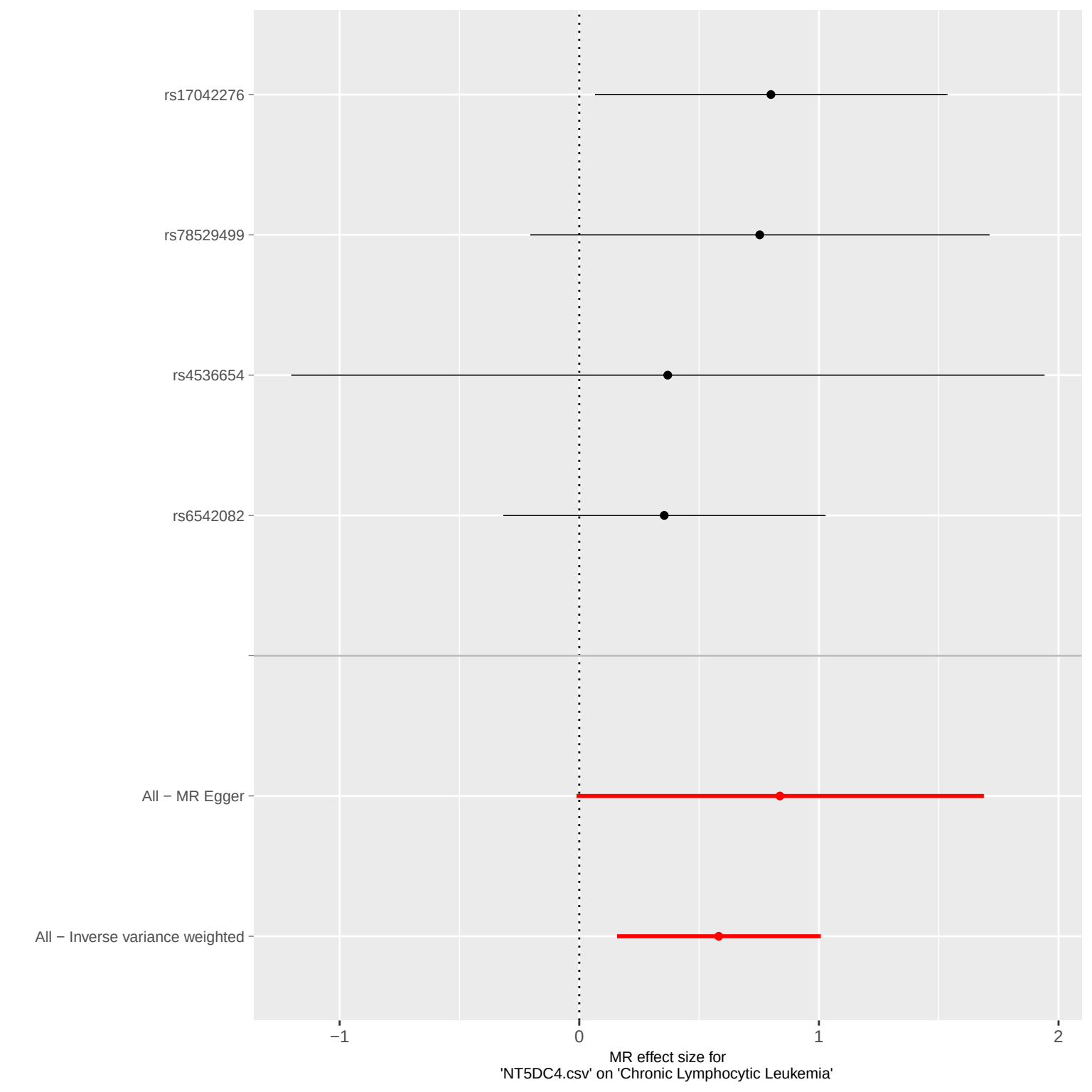
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'NT5C.csv' on 'Chronic Lymphocytic Leukemia'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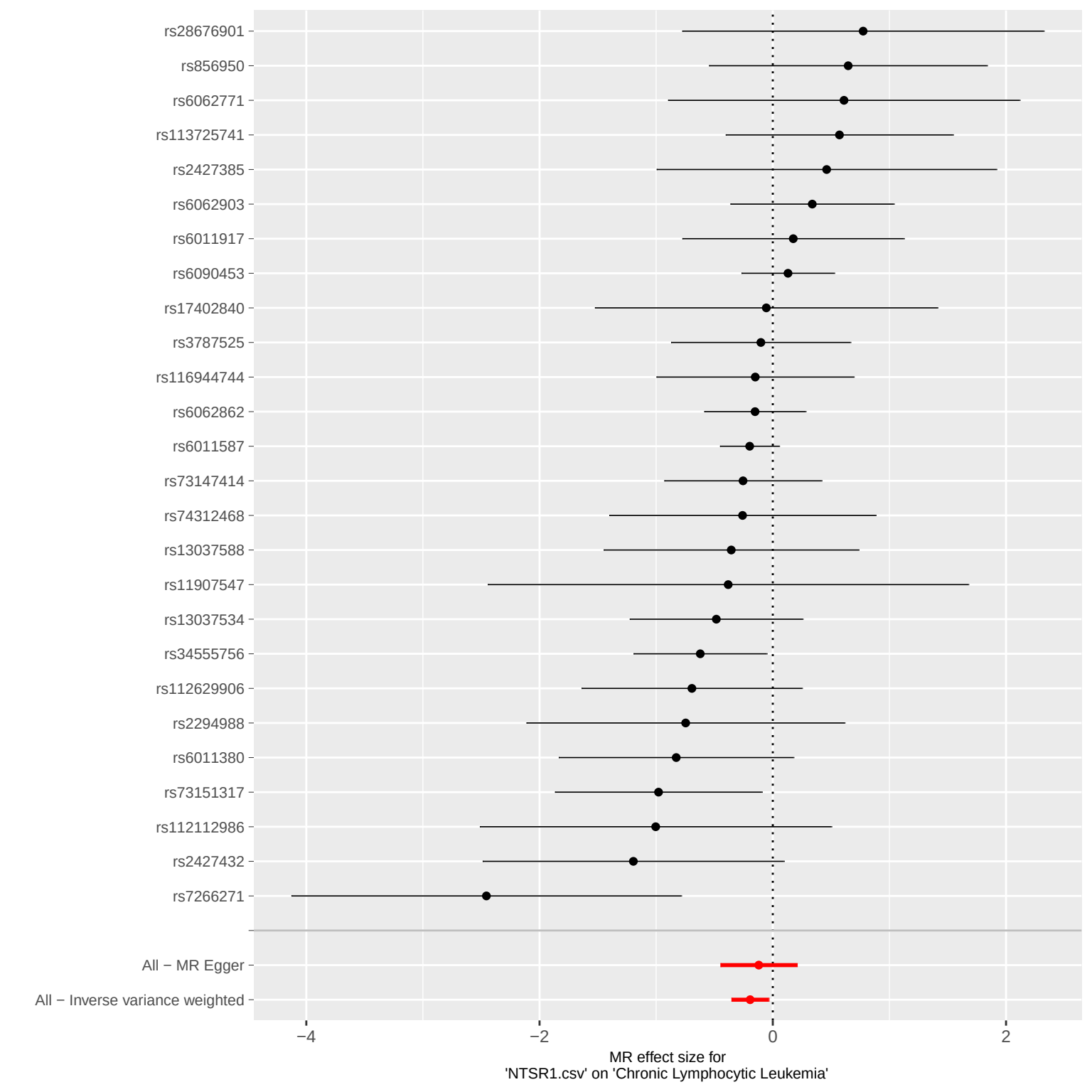
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'NT5DC4.csv' on 'Chronic Lymphocytic Leukemia'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rs112629906
rs2294988
rs6011380
rs73151317
rs112112986
rs2427432
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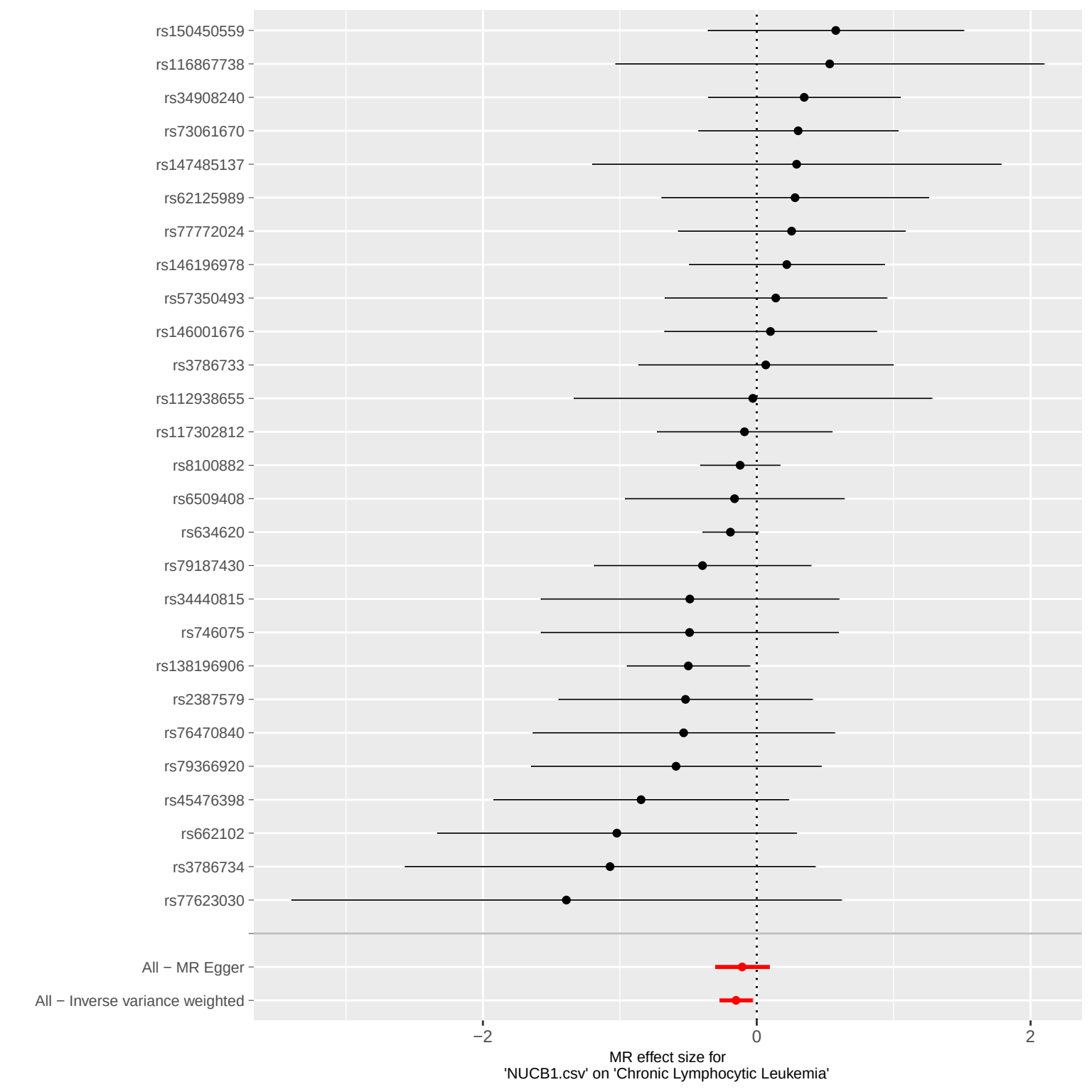
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'NTSR1.csv' on 'Chronic Lymphocytic Leukemia'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rs34440815
rs746075
rs138196906
rs2387579
rs76470840
rs79366920
rs45476398
rs662102
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All − MR Egger
All − Inverse variance weighted
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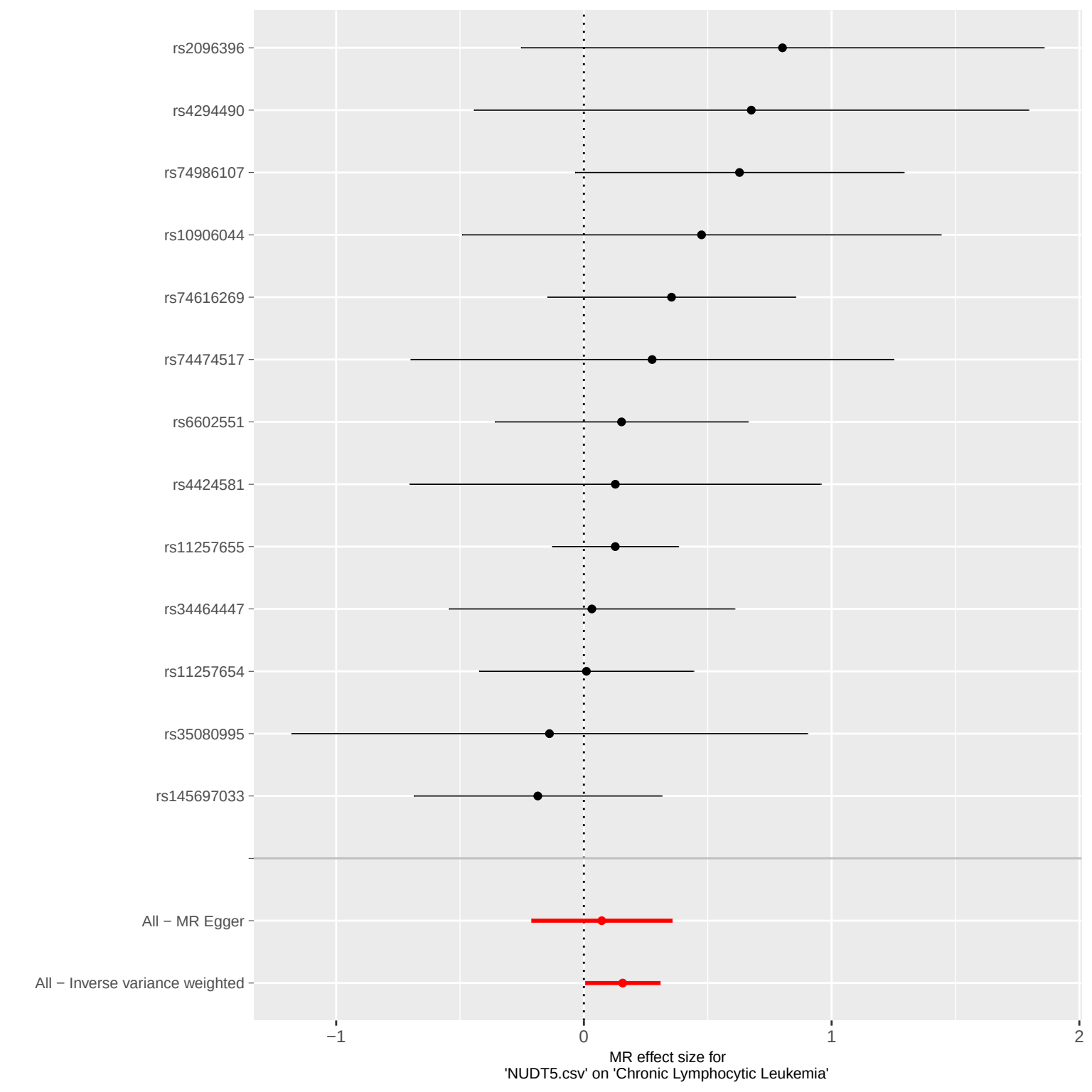
2
MR effect size for
'NUCB1.csv' on 'Chronic Lymphocytic Leukemia'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rs4424581
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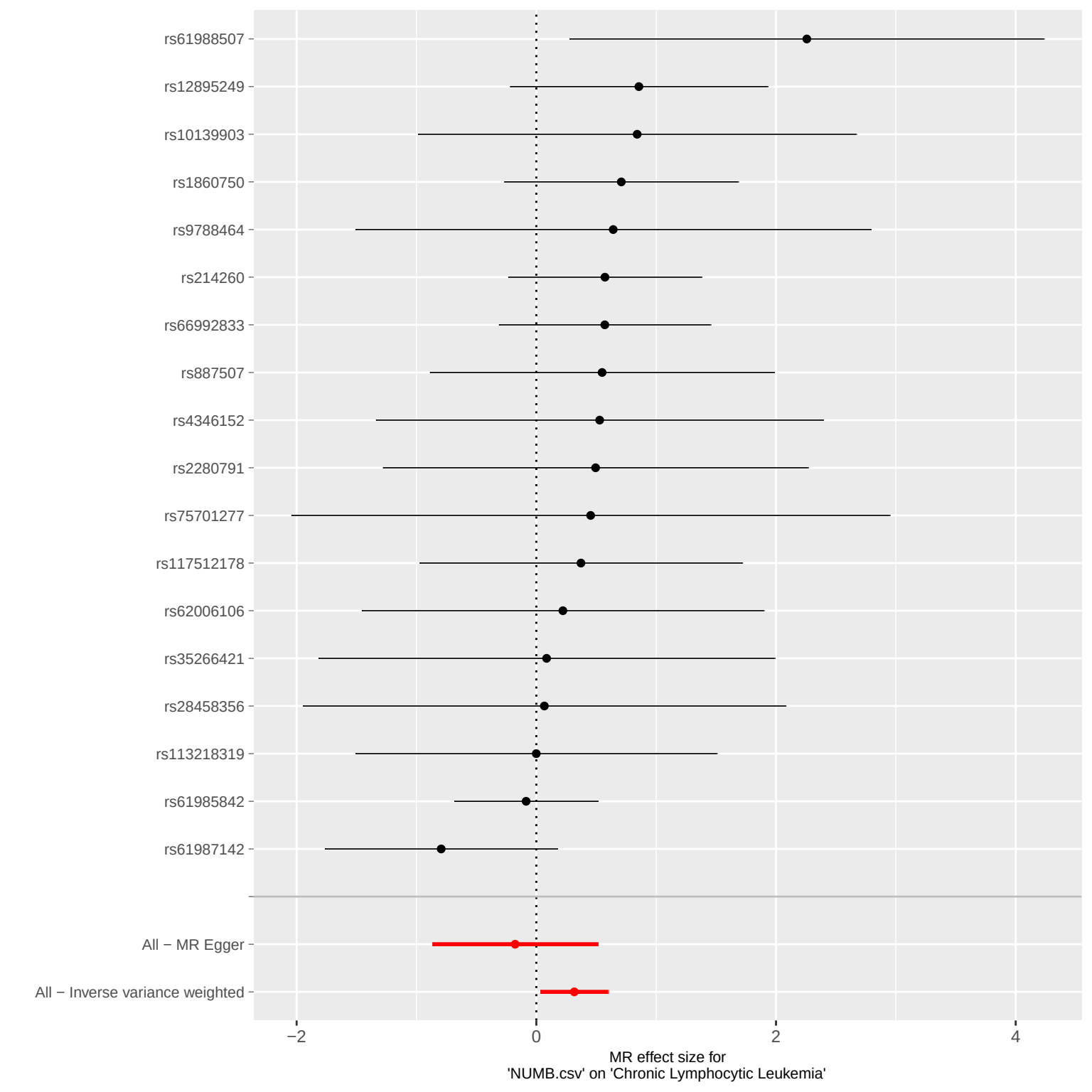
rs34464447
rs11257654
rs35080995
rs145697033
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'NUDT5.csv' on 'Chronic Lymphocytic Leukemia'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rs75701277
rs117512178
rs62006106
rs35266421
rs28458356
rs113218319
rs61985842
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All − MR Egger
All − Inverse variance weighted
−2
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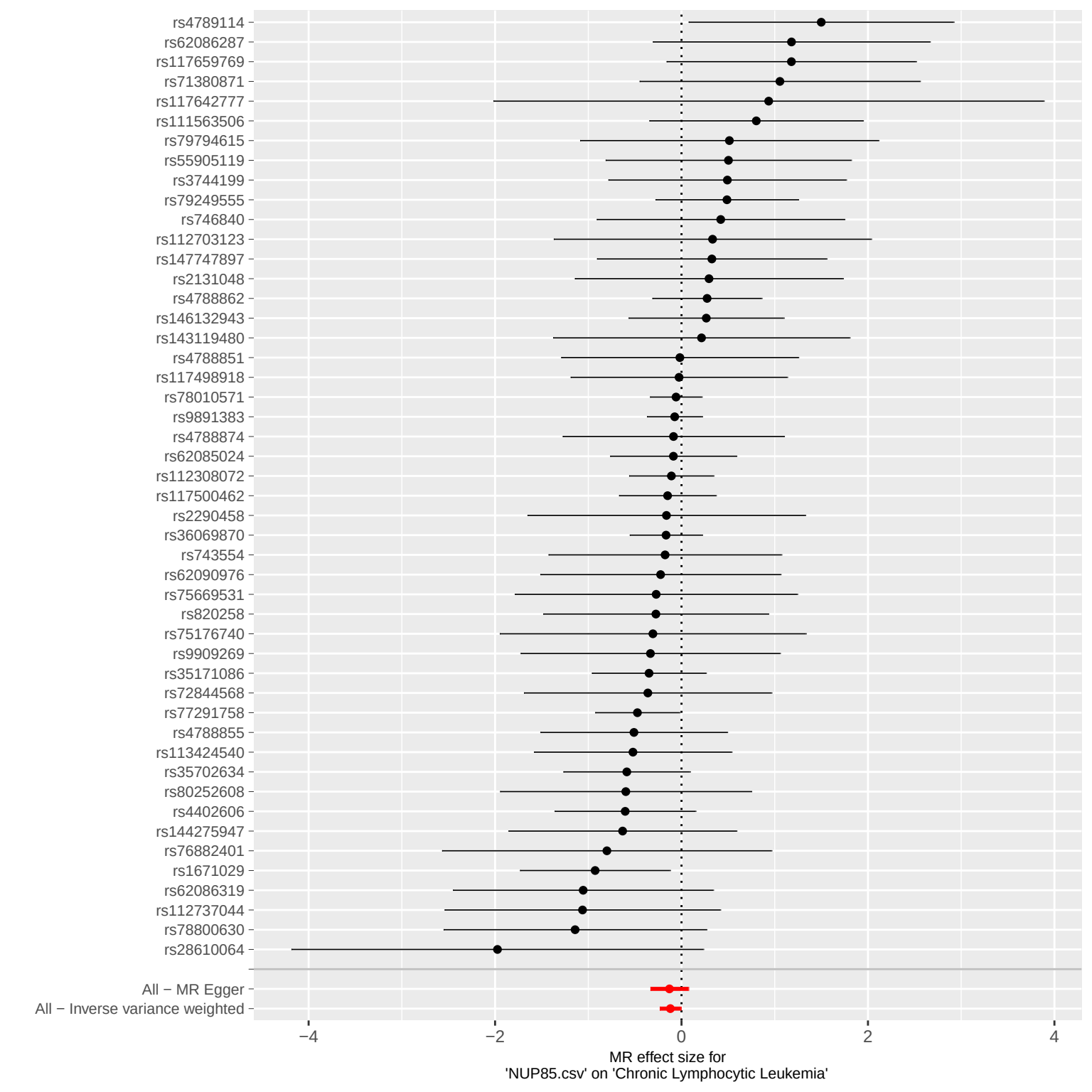
2
4
MR effect size for
'NUMB.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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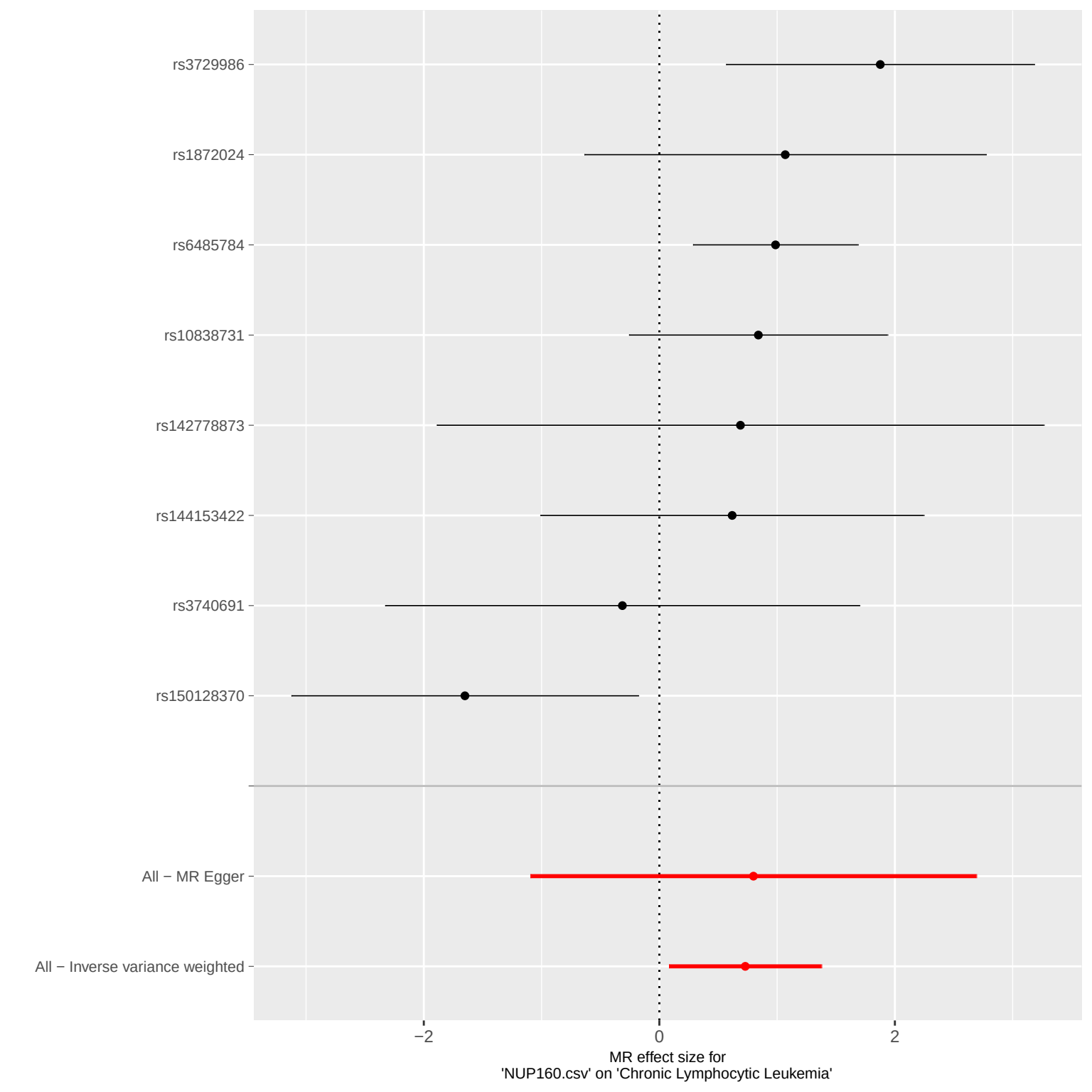
2
4
MR effect size for
'NUP85.csv' on 'Chronic Lymphocytic Leukemia'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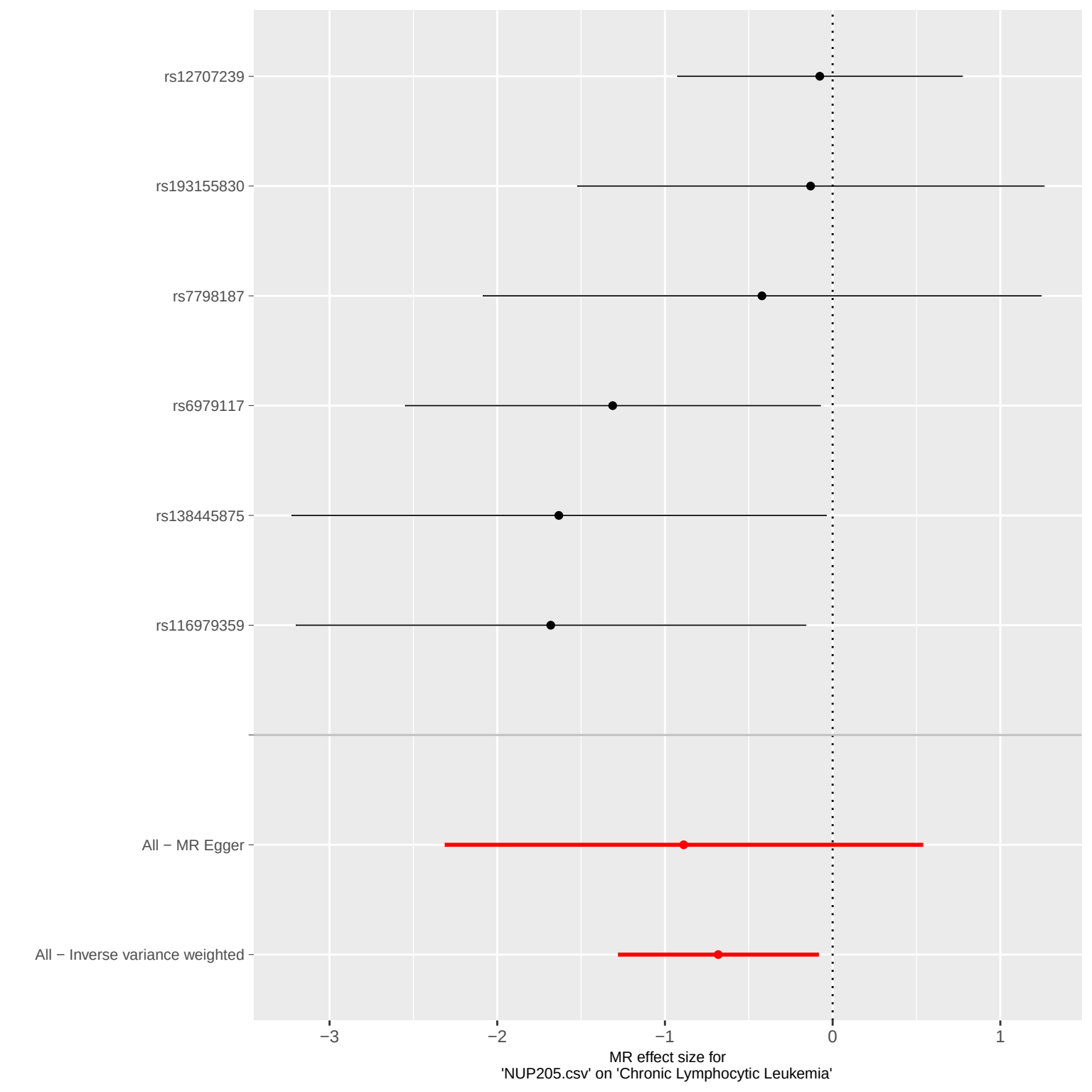
rs3740691
rs150128370
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'NUP160.csv' on 'Chronic Lymphocytic Leukemia'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rs138445875
rs116979359
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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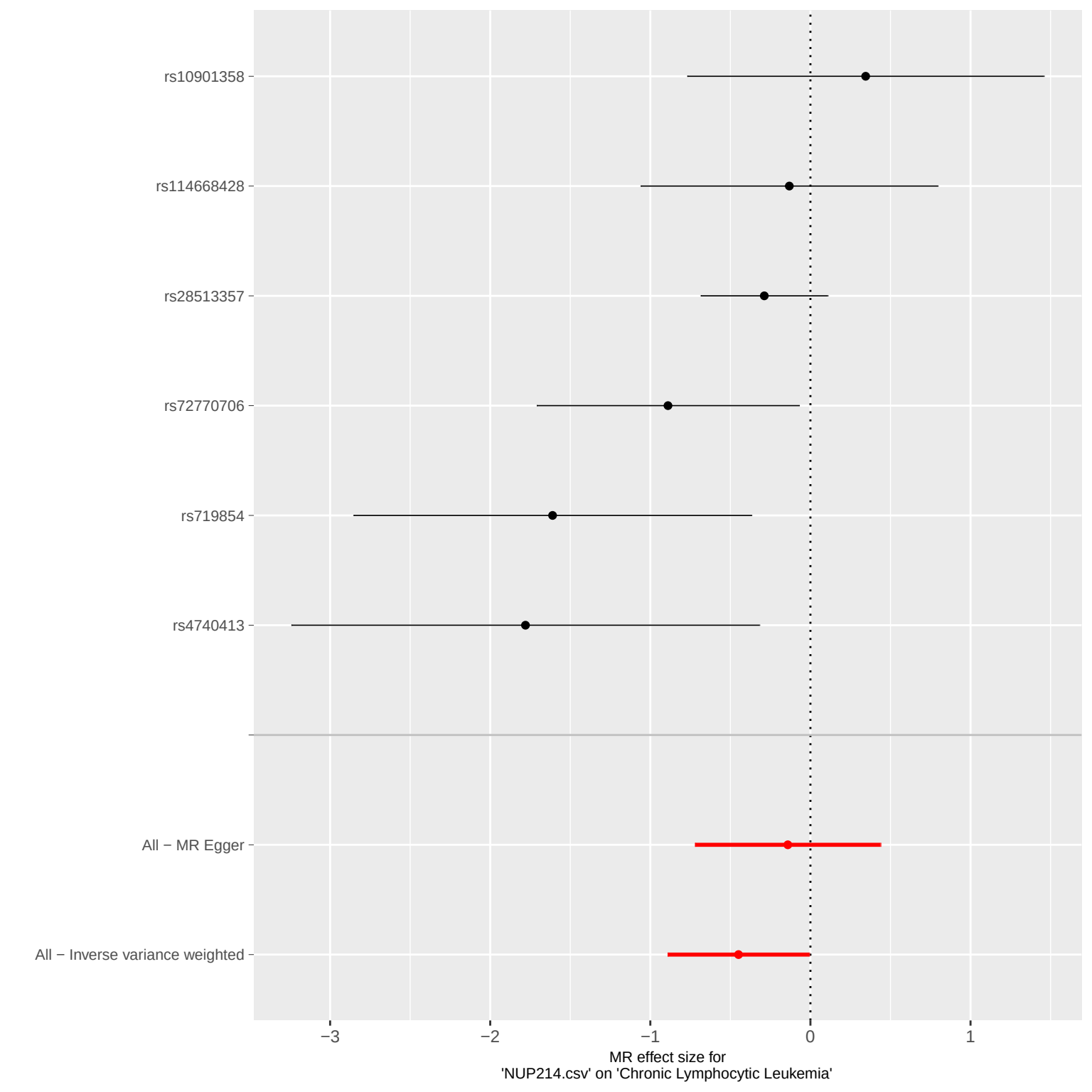
MR effect size for
'NUP205.csv' on 'Chronic Lymphocytic Leukemia'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rs114668428
rs28513357
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rs719854
rs4740413
All − MR Egger
All − Inverse variance weighted
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−2
−1
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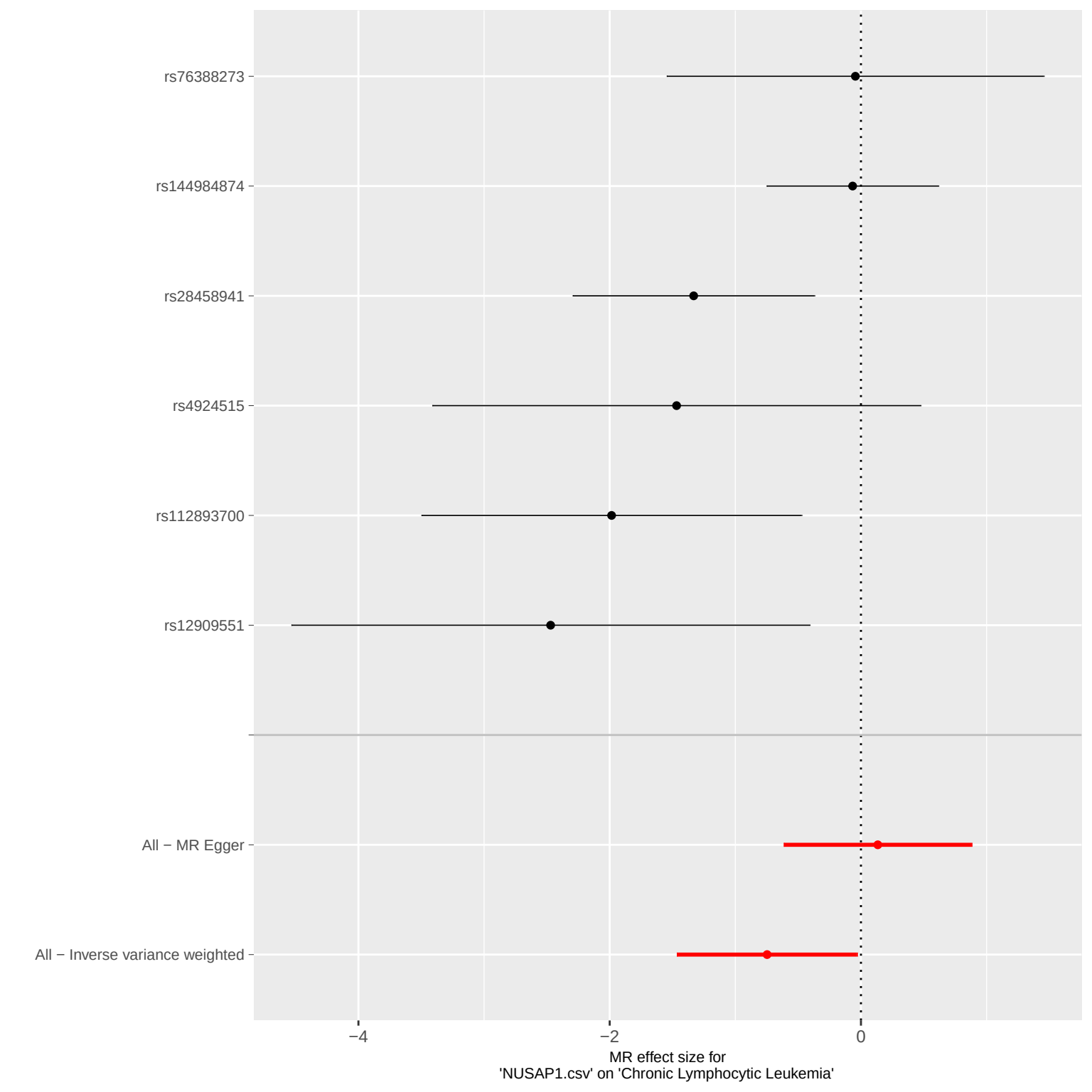
MR effect size for
'NUP214.csv' on 'Chronic Lymphocytic Leukemia'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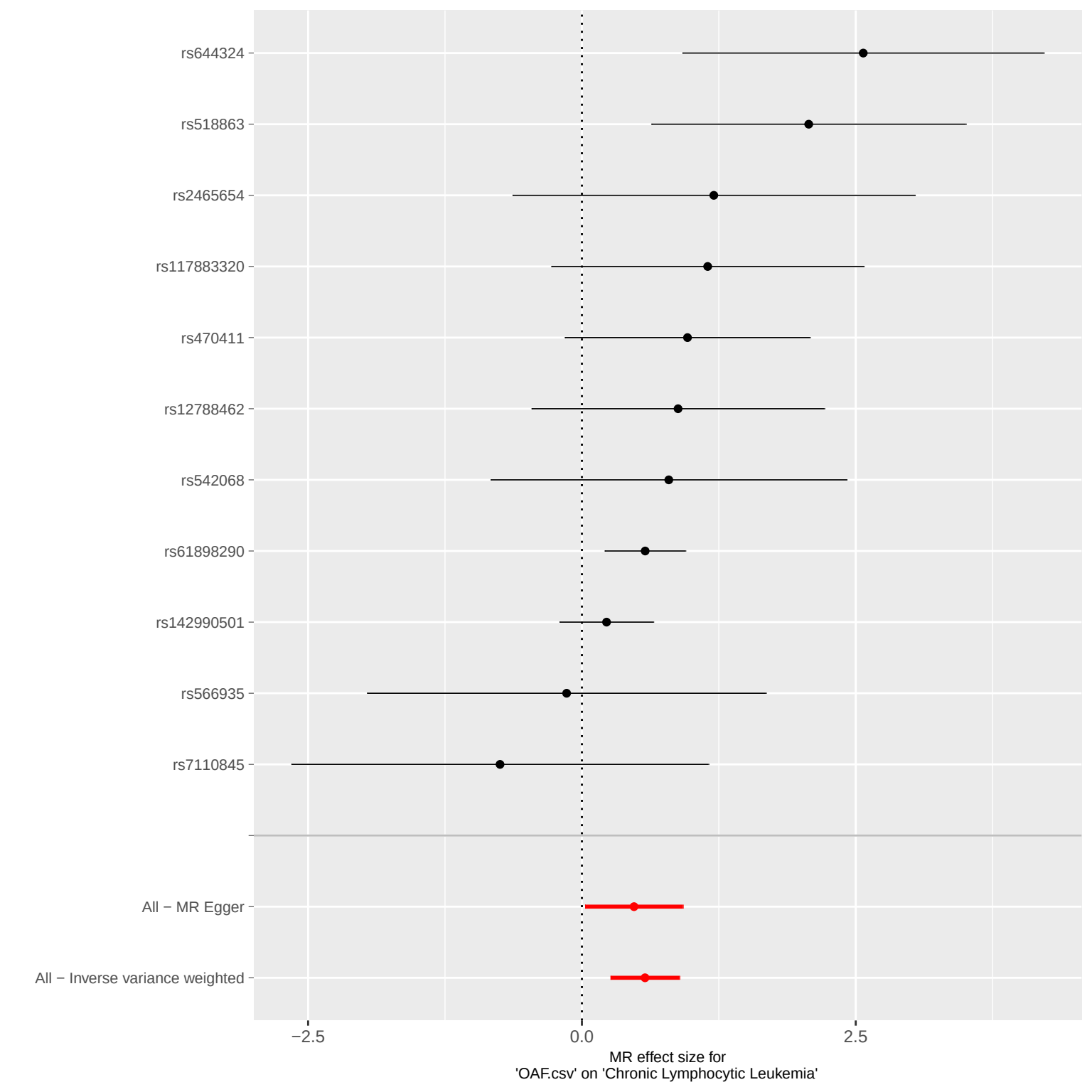
rs28458941
rs4924515
rs112893700
rs12909551
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'NUSAP1.csv' on 'Chronic Lymphocytic Leukemia'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rs518863
rs2465654
rs117883320
rs470411
rs12788462
rs542068
rs61898290
rs142990501
rs566935
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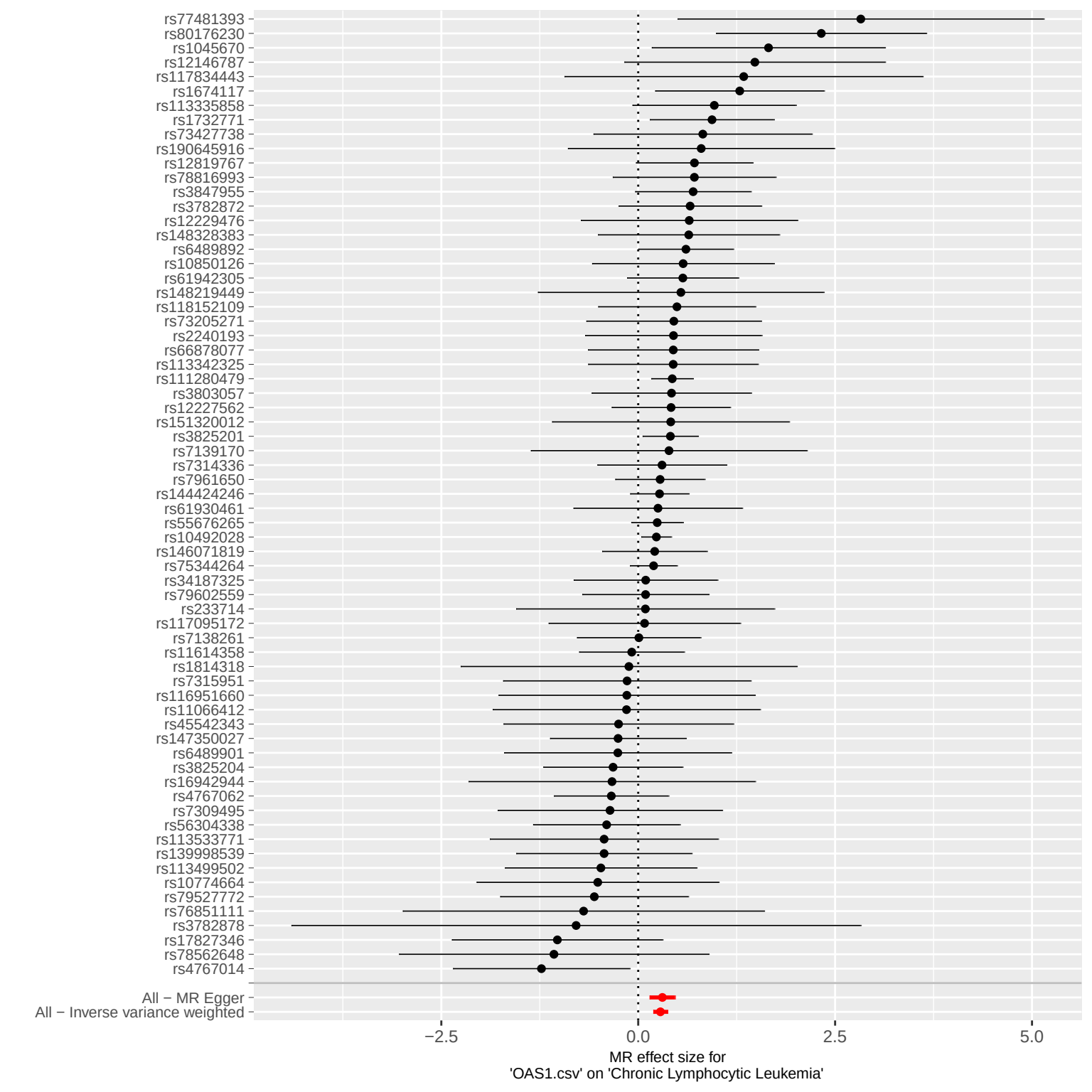
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'OAF.csv' on 'Chronic Lymphocytic Leukemia'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rs12819767
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rs3847955
rs3782872
rs12229476
rs148328383
rs6489892
rs10850126
rs61942305
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rs3803057
rs12227562
rs151320012
rs3825201
rs7139170
rs7314336
rs7961650
rs144424246
rs61930461
rs55676265
rs10492028
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rs79602559
rs233714
rs117095172
rs7138261
rs11614358
rs1814318
rs7315951
rs116951660
rs11066412
rs45542343
rs147350027
rs6489901
rs3825204
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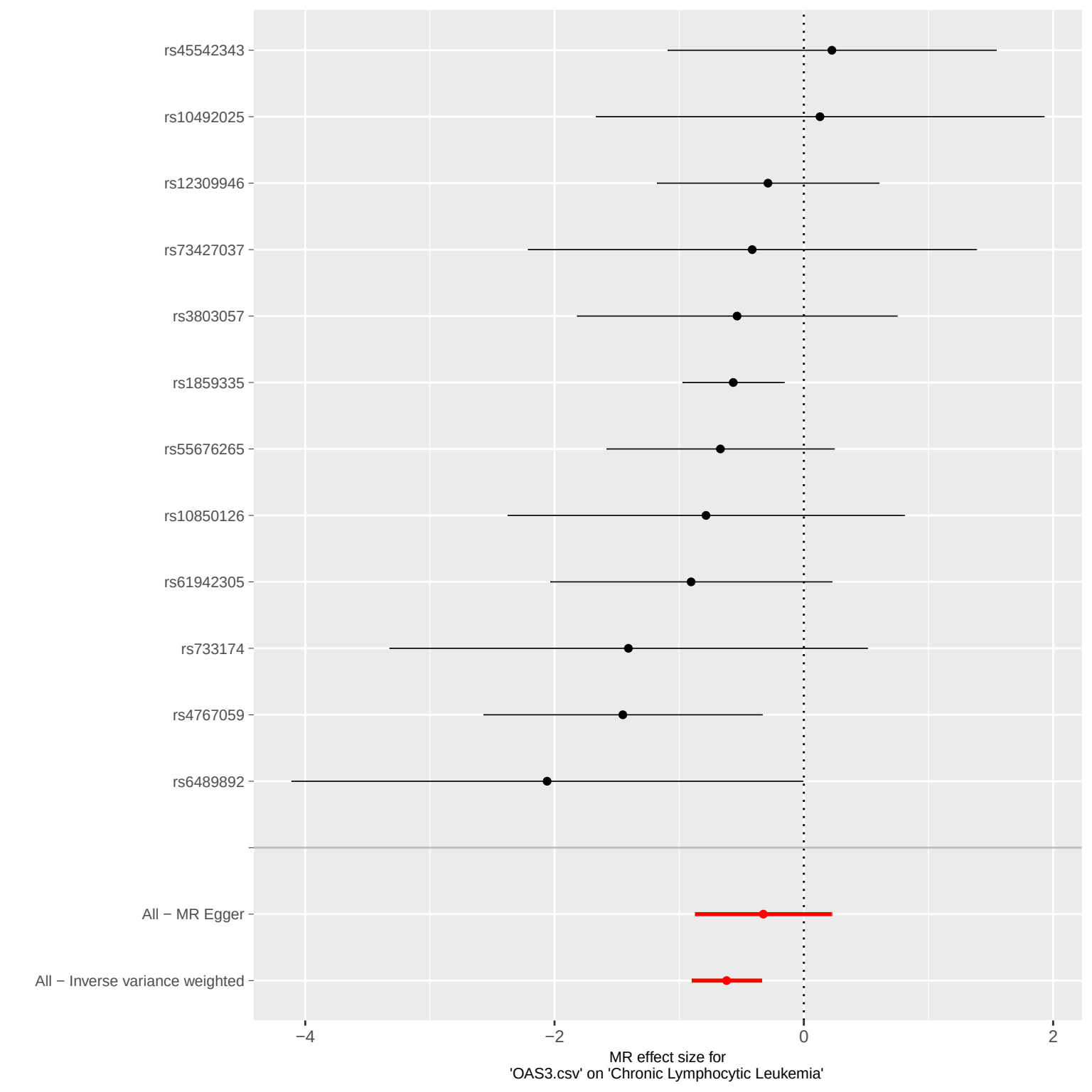
rs7309495
rs56304338
rs113533771
rs139998539
rs113499502
rs10774664
rs79527772
rs76851111
rs3782878
rs17827346
rs78562648
rs4767014
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'OAS1.csv' on 'Chronic Lymphocytic Leukemia'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rs1859335
rs55676265
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rs733174
rs4767059
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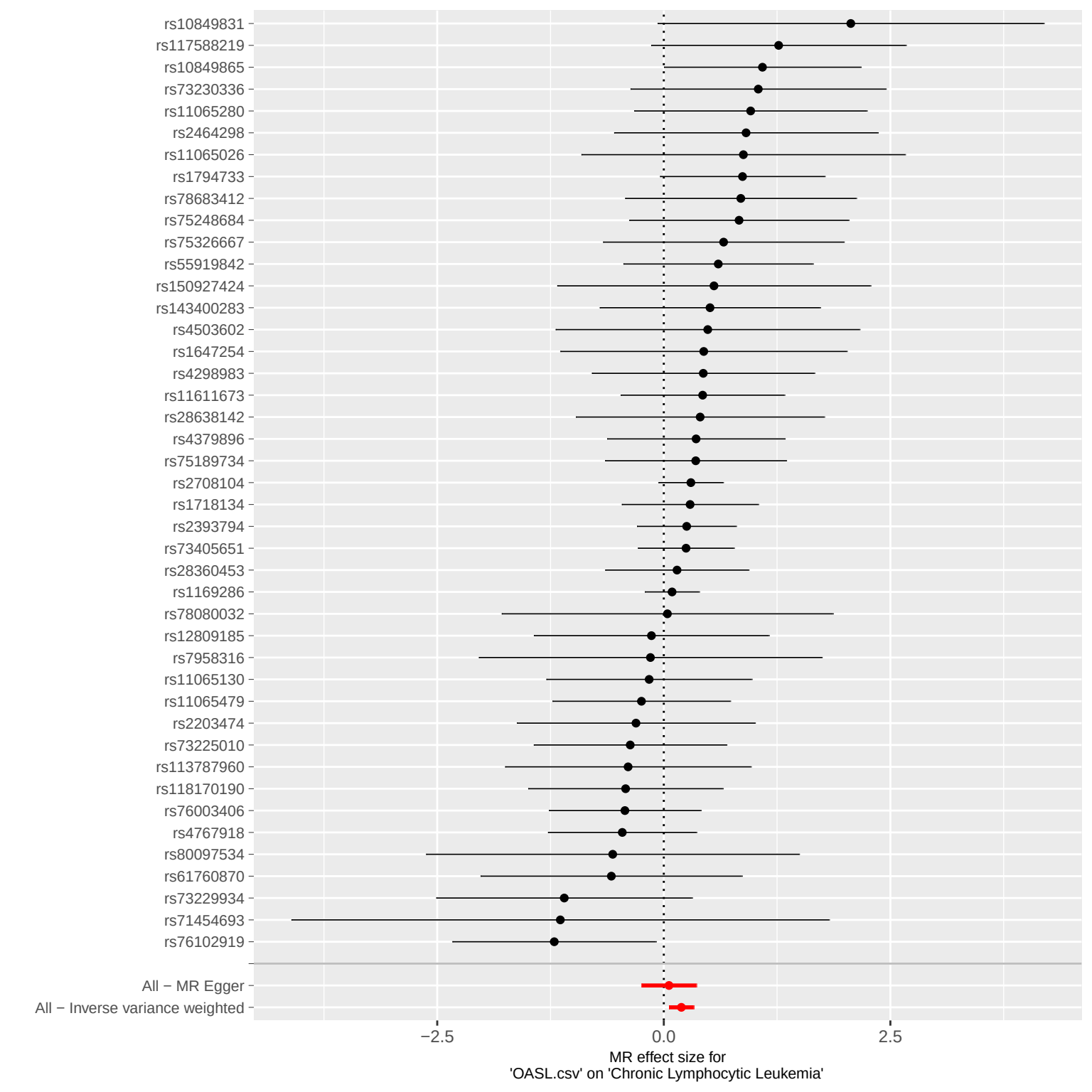
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'OAS3.csv' on 'Chronic Lymphocytic Leukemia'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rs4298983
rs11611673
rs28638142
rs4379896
rs75189734
rs2708104
rs1718134
rs2393794
rs73405651
rs28360453
rs1169286
rs78080032
rs12809185
rs7958316
rs11065130
rs11065479
rs2203474
rs73225010
rs113787960
rs118170190
rs76003406
rs4767918
rs80097534
rs61760870
rs73229934
rs71454693
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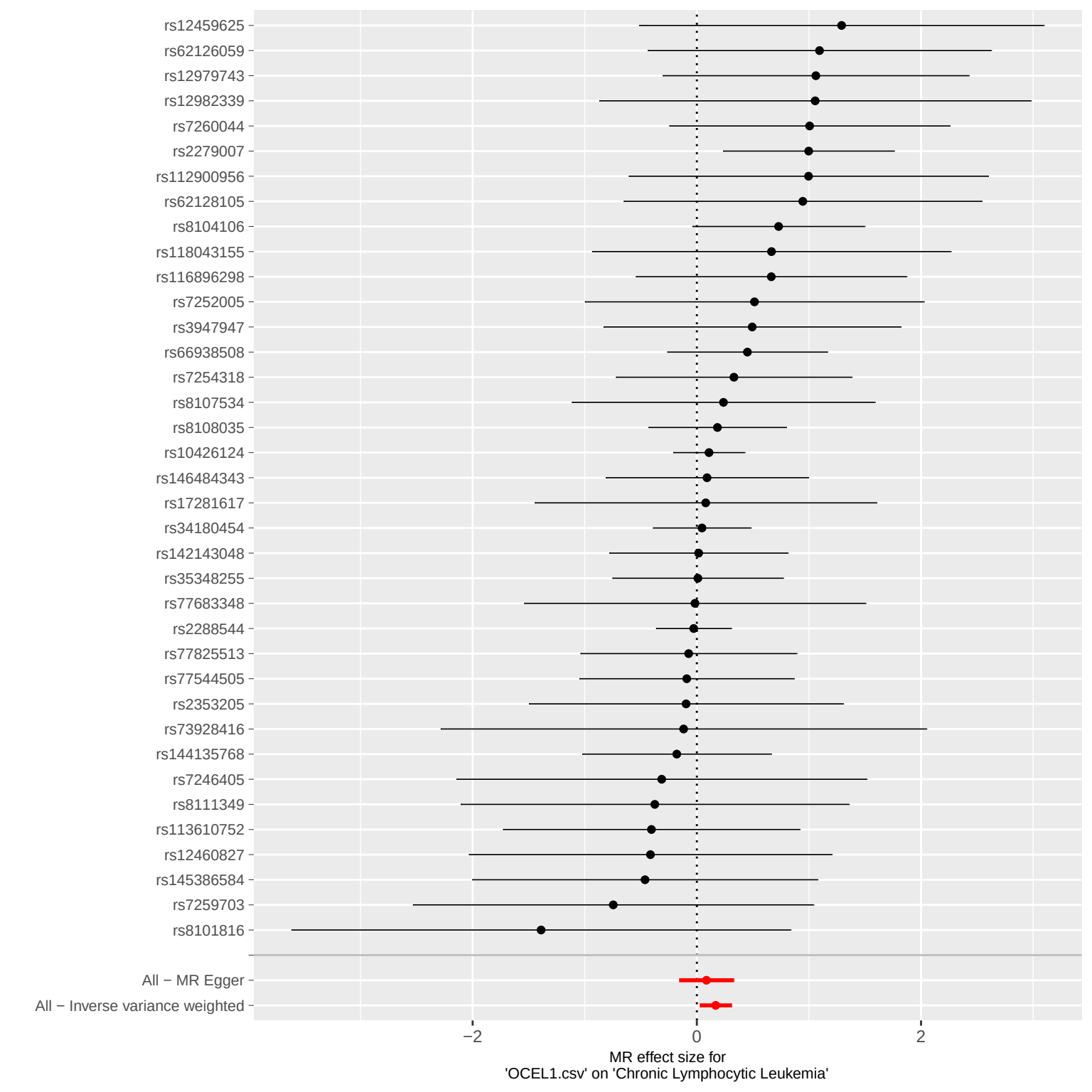
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'OASL.csv' on 'Chronic Lymphocytic Leukemia'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rs7252005
rs3947947
rs66938508
rs7254318
rs8107534
rs8108035
rs10426124
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rs34180454
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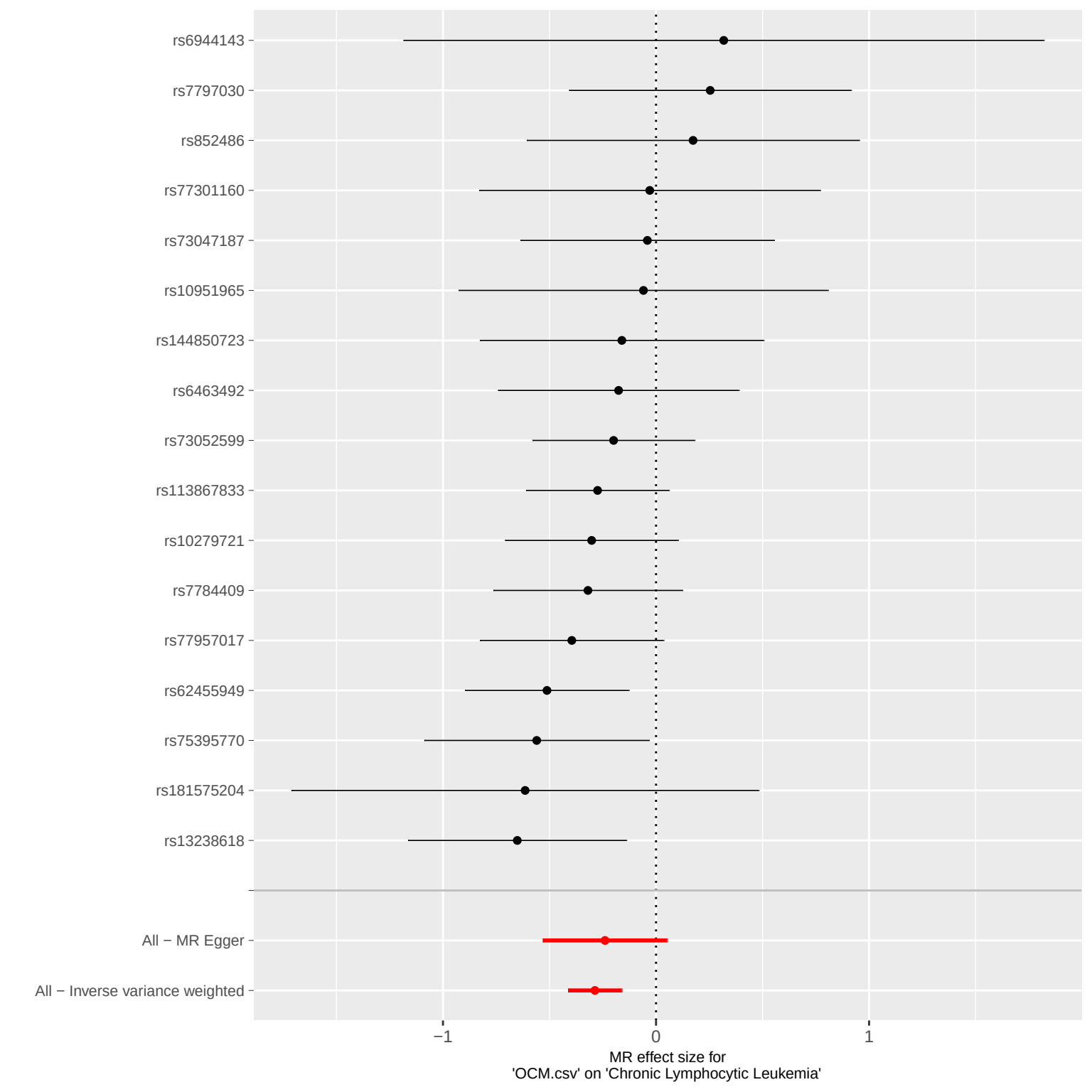
rs8111349
rs113610752
rs12460827
rs145386584
rs7259703
rs8101816
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'OCEL1.csv' on 'Chronic Lymphocytic Leukemia'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rs73052599
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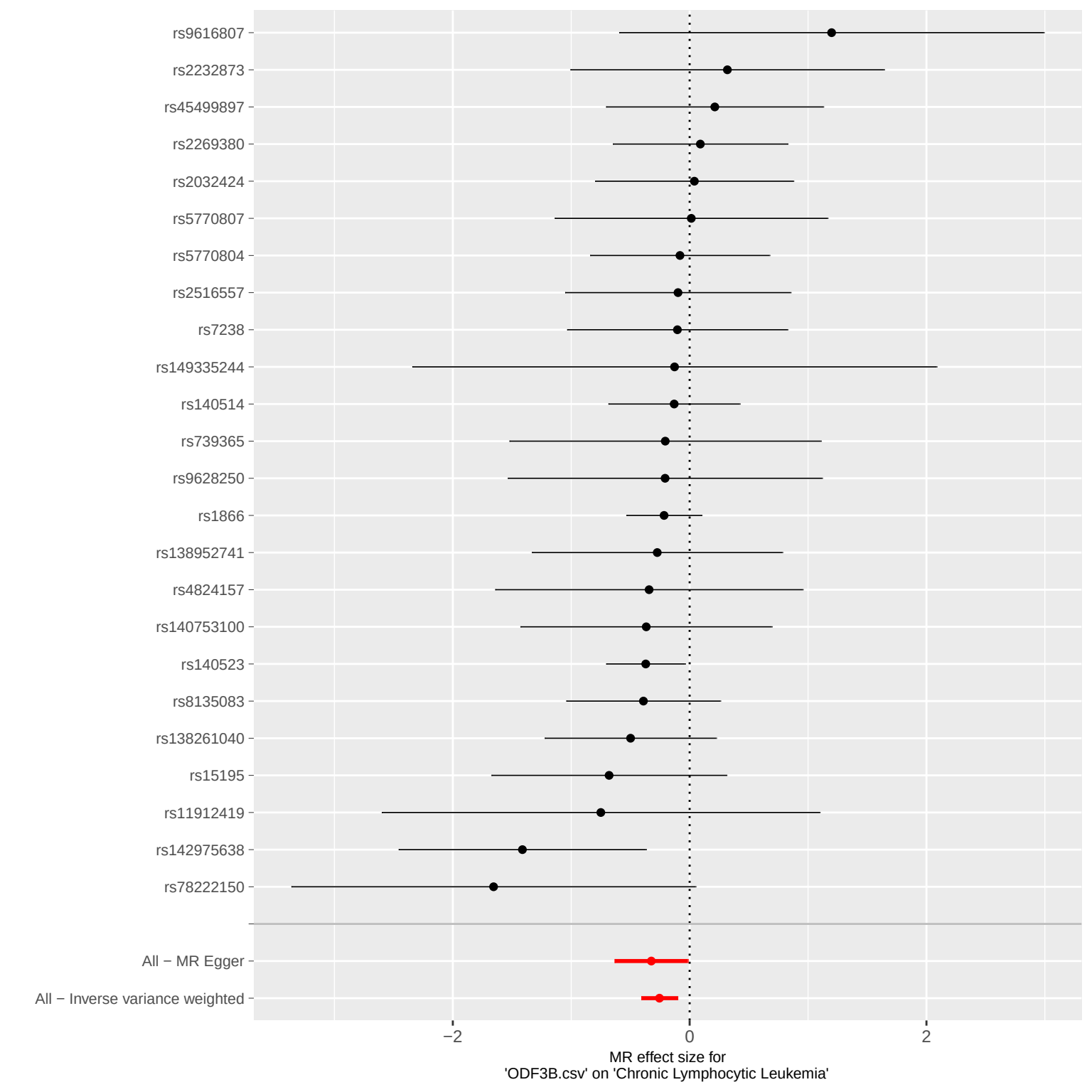
rs10279721
rs7784409
rs77957017
rs62455949
rs75395770
rs181575204
rs13238618
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'OCM.csv' on 'Chronic Lymphocytic Leukemia'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rs9628250
rs1866
rs138952741
rs4824157
rs140753100
rs140523
rs8135083
rs138261040
rs15195
rs11912419
rs142975638
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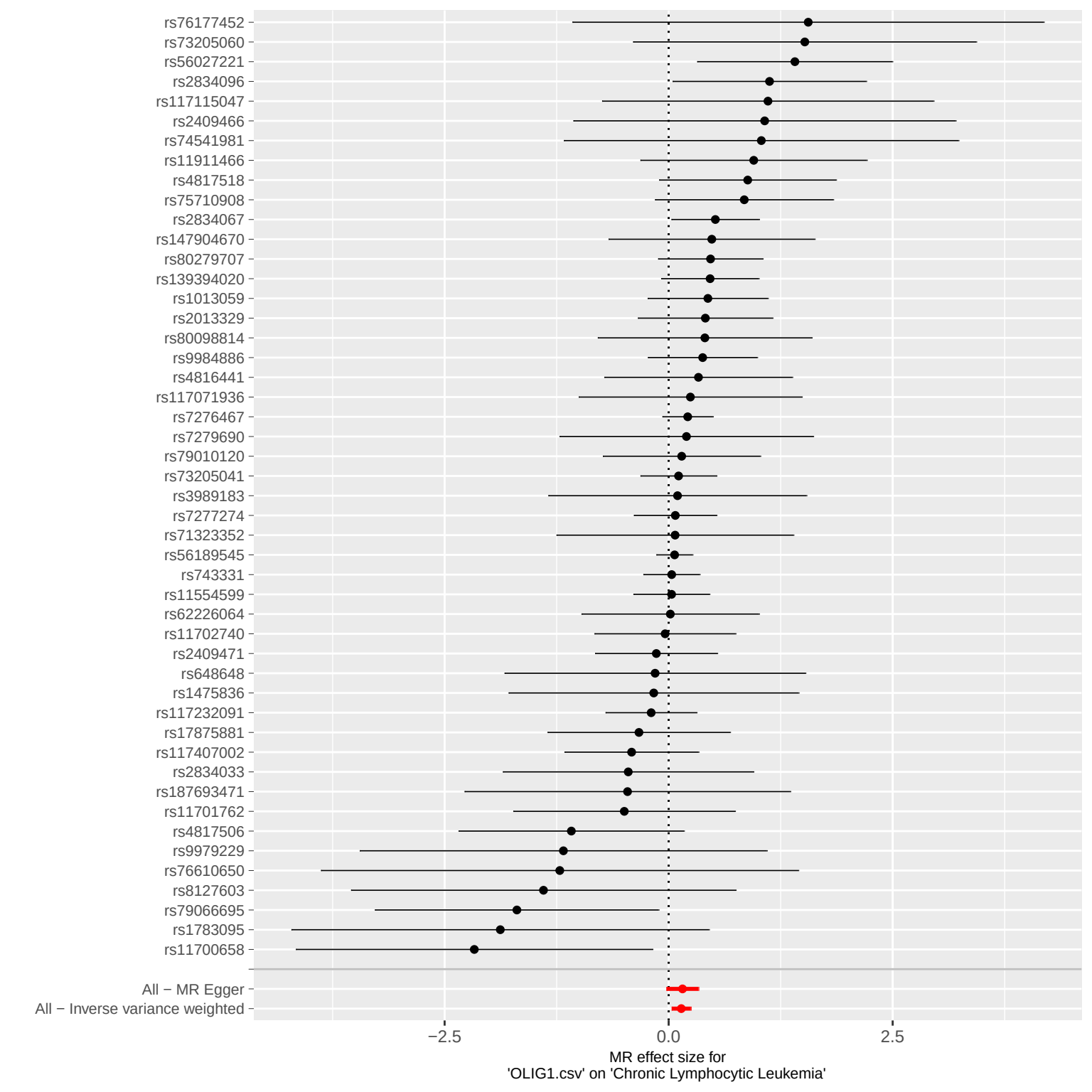
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ODF3B.csv' on 'Chronic Lymphocytic Leukemia'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rs147904670
rs80279707
rs139394020
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rs2013329
rs80098814
rs9984886
rs4816441
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rs7276467
rs7279690
rs79010120
rs73205041
rs3989183
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rs71323352
rs56189545
rs743331
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rs62226064
rs11702740
rs2409471
rs648648
rs1475836
rs117232091
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rs117407002
rs2834033
rs187693471
rs11701762
rs4817506
rs9979229
rs76610650
rs8127603
rs79066695
rs1783095
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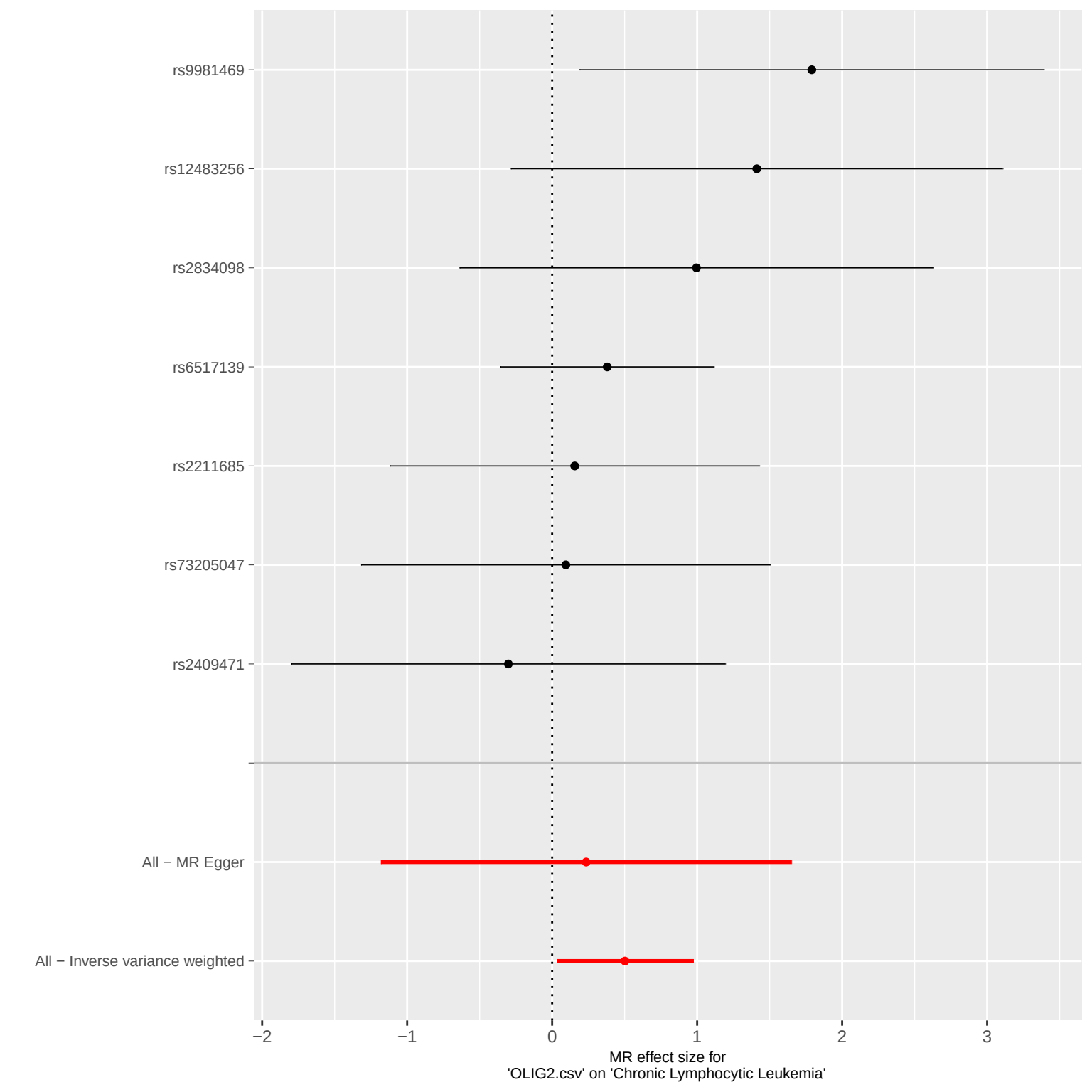
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'OLIG1.csv' on 'Chronic Lymphocytic Leukemia'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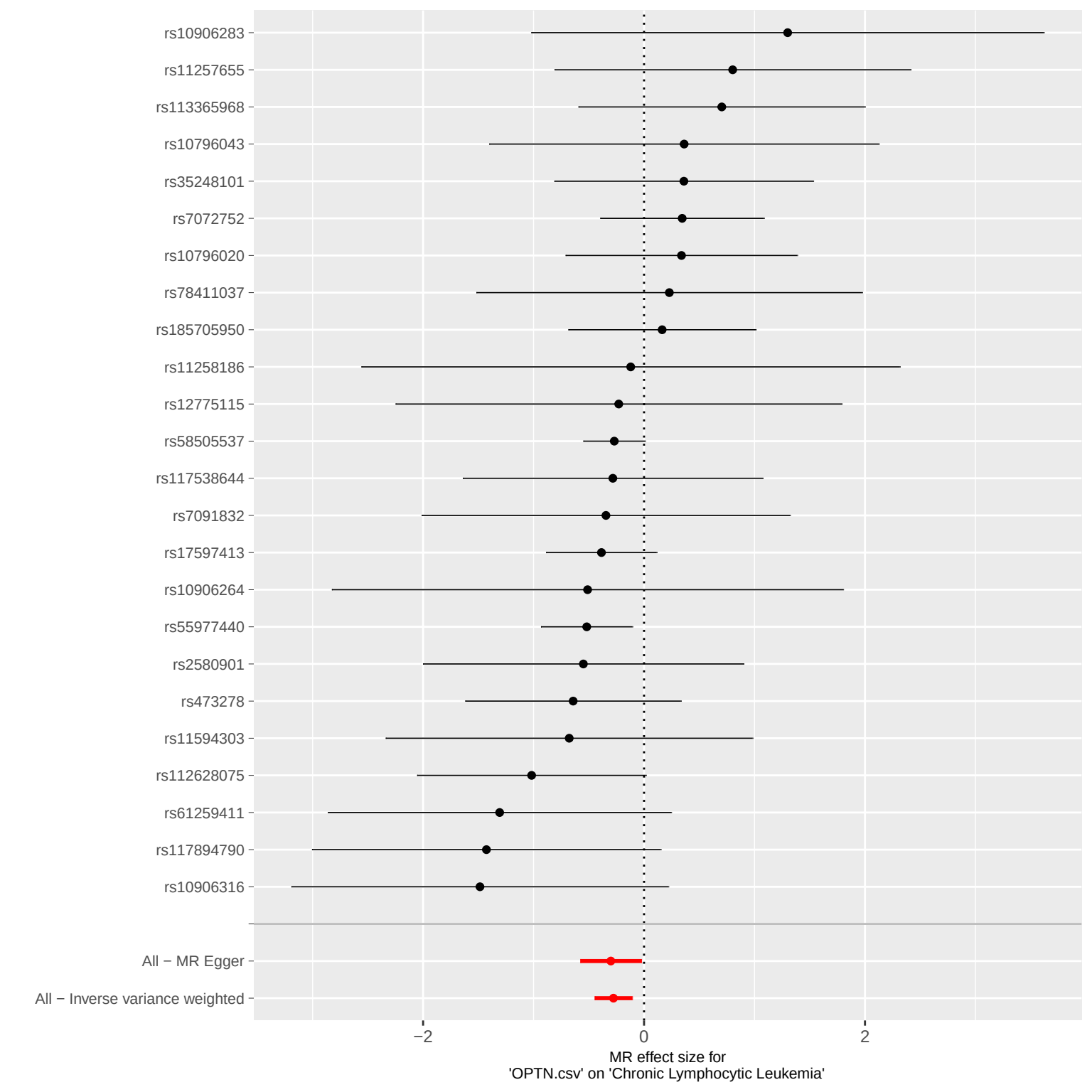
rs12483256
rs2834098
rs6517139
rs2211685
rs73205047
rs2409471
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'OLIG2.csv' on 'Chronic Lymphocytic Leukemia'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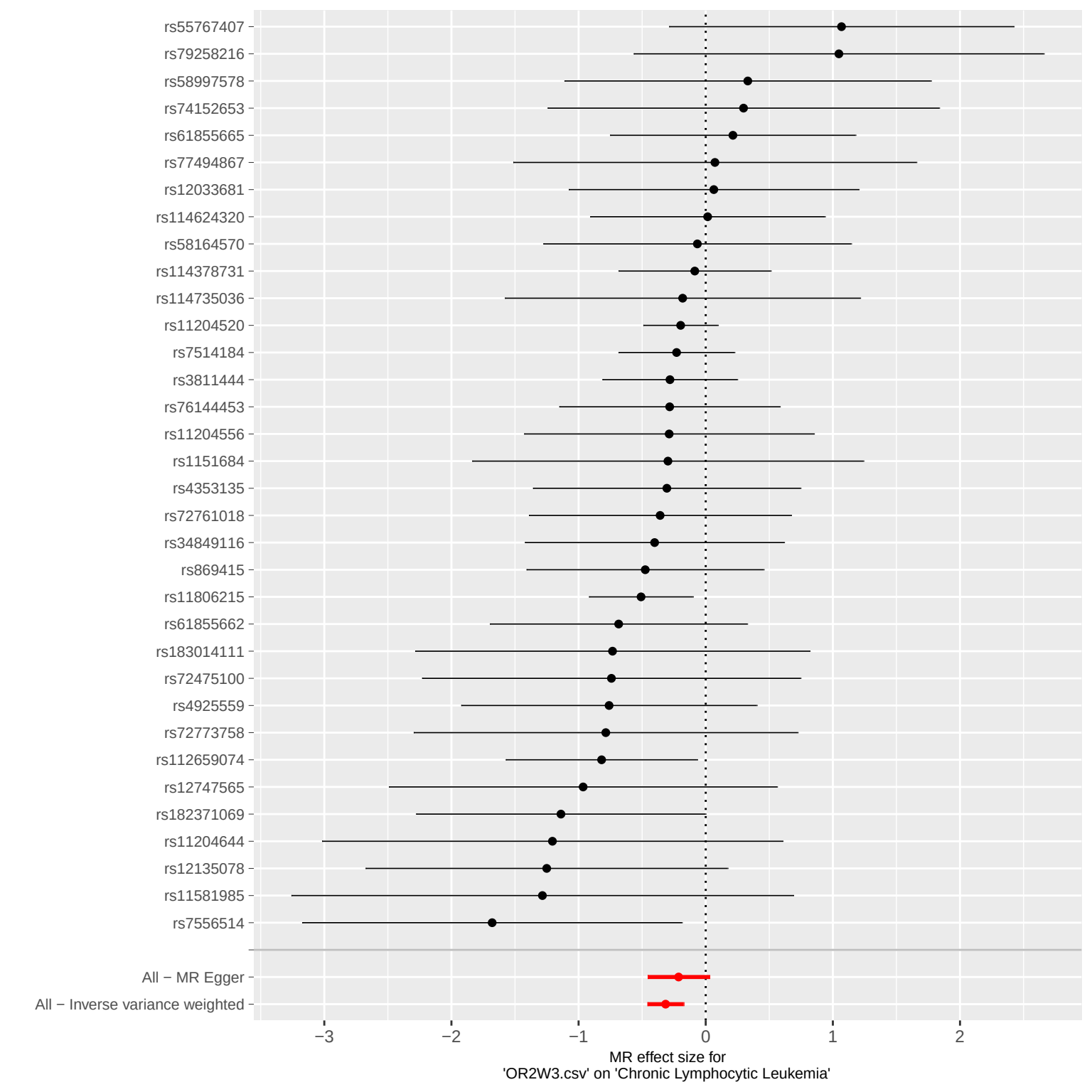
rs55977440
rs2580901
rs473278
rs11594303
rs112628075
rs61259411
rs117894790
rs10906316
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'OPTN.csv' on 'Chronic Lymphocytic Leukemia'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rs114735036
rs11204520
rs7514184
rs3811444
rs76144453
rs11204556
rs1151684
rs4353135
rs72761018
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rs869415
rs11806215
rs61855662
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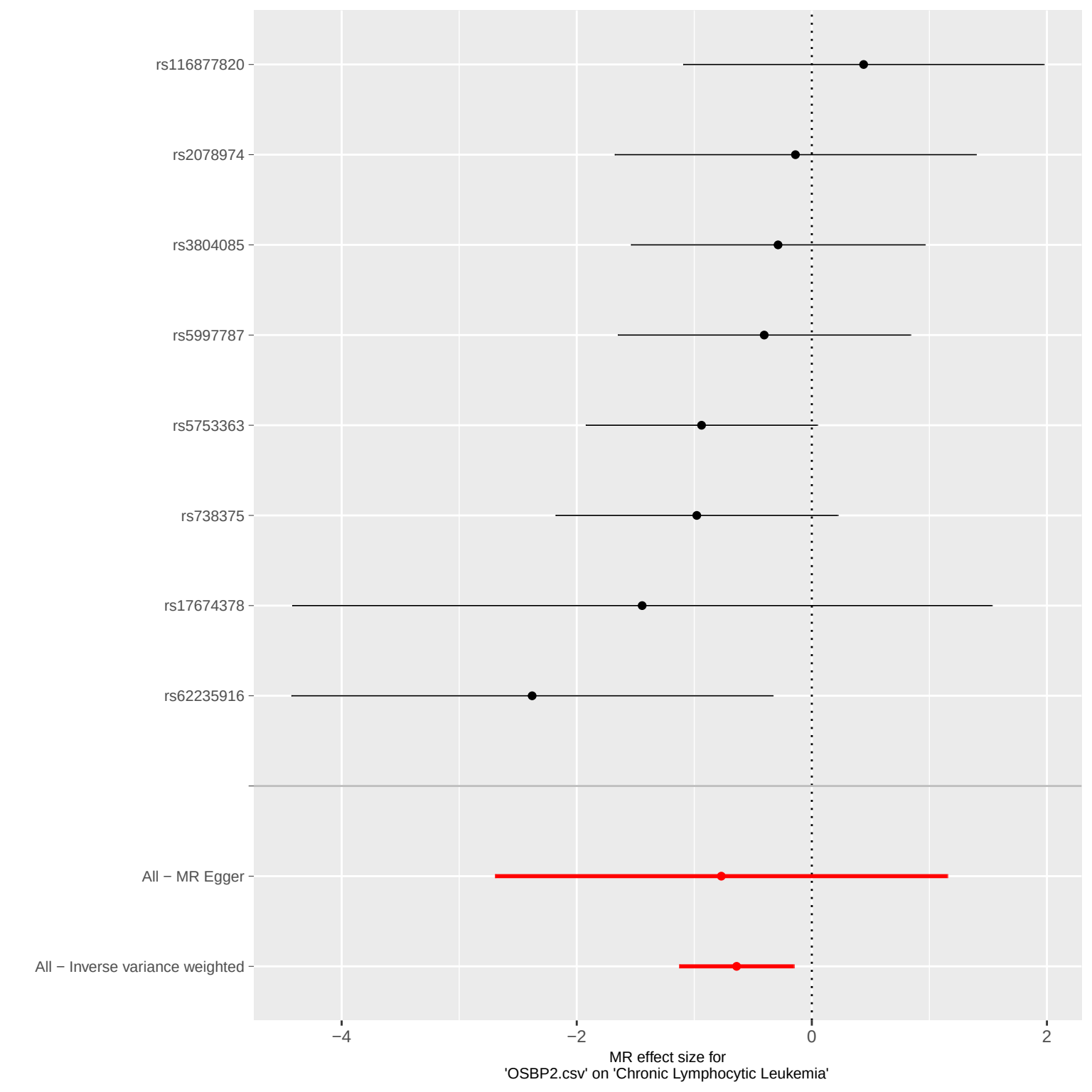
rs182371069
rs11204644
rs12135078
rs11581985
rs7556514
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'OR2W3.csv' on 'Chronic Lymphocytic Leukemia'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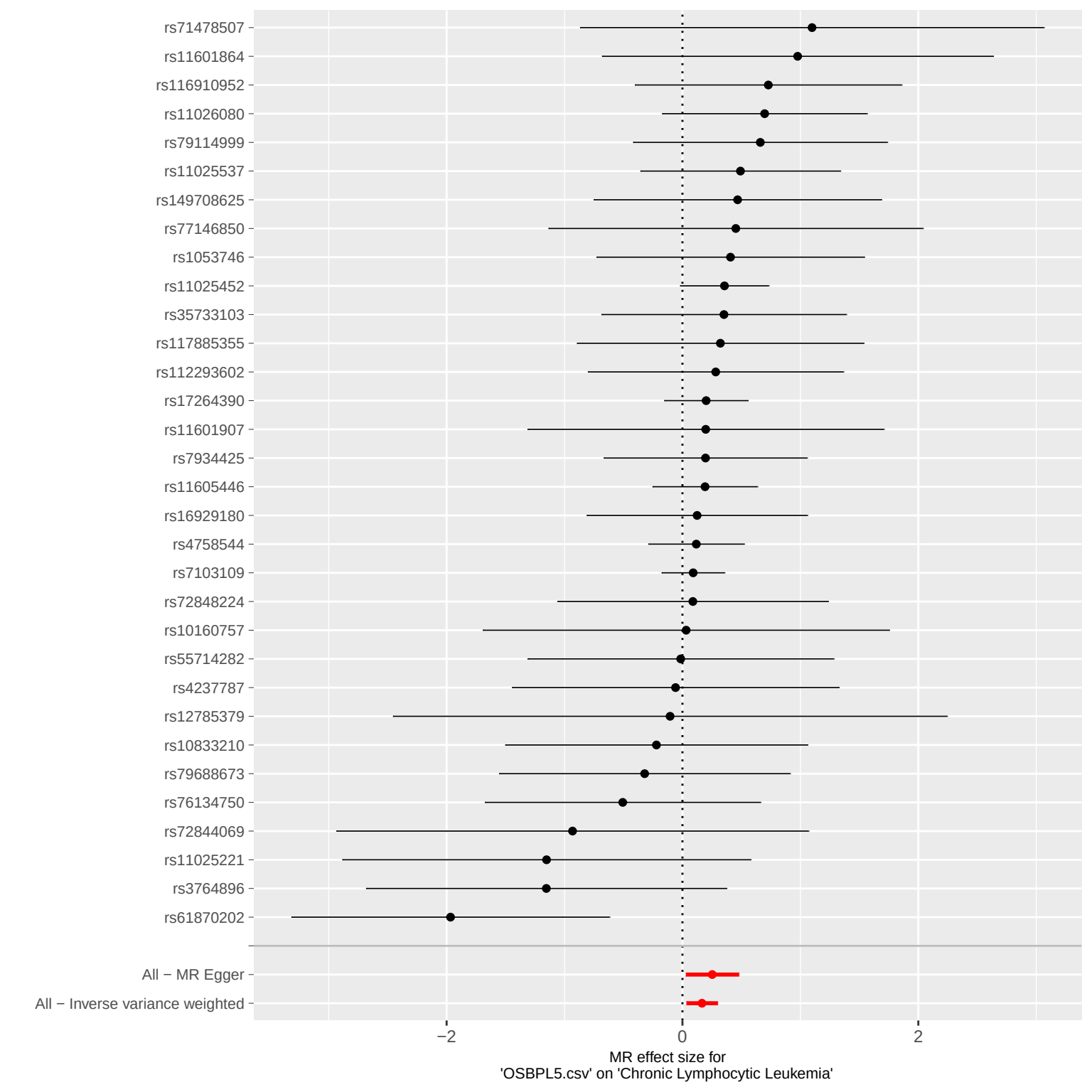
rs2078974
rs3804085
rs5997787
rs5753363
rs738375
rs17674378
rs62235916
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'OSBP2.csv' on 'Chronic Lymphocytic Leukemia'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rs12785379
rs10833210
rs79688673
rs76134750
rs72844069
rs11025221
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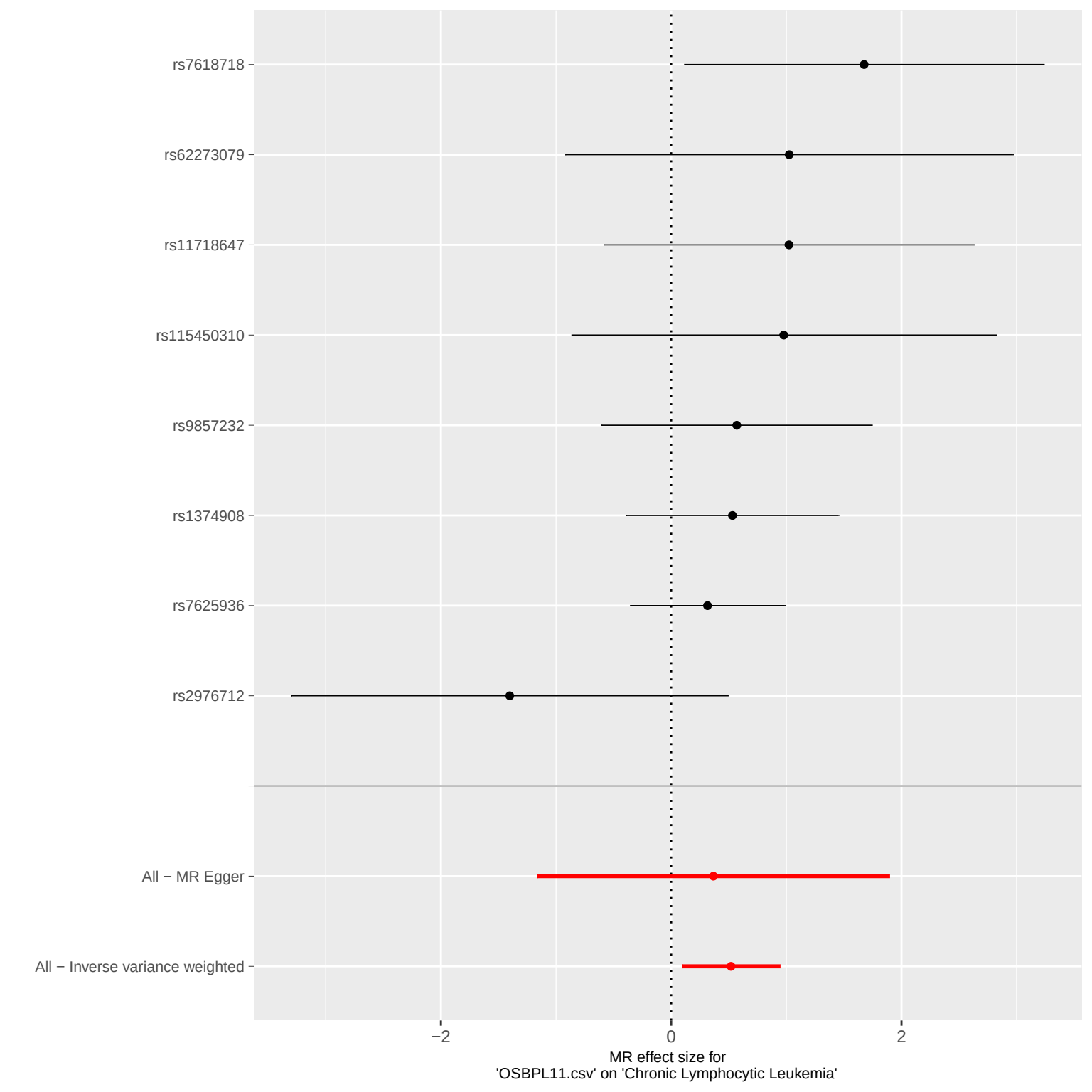
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'OSBPL5.csv' on 'Chronic Lymphocytic Leukemia'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rs115450310
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rs1374908
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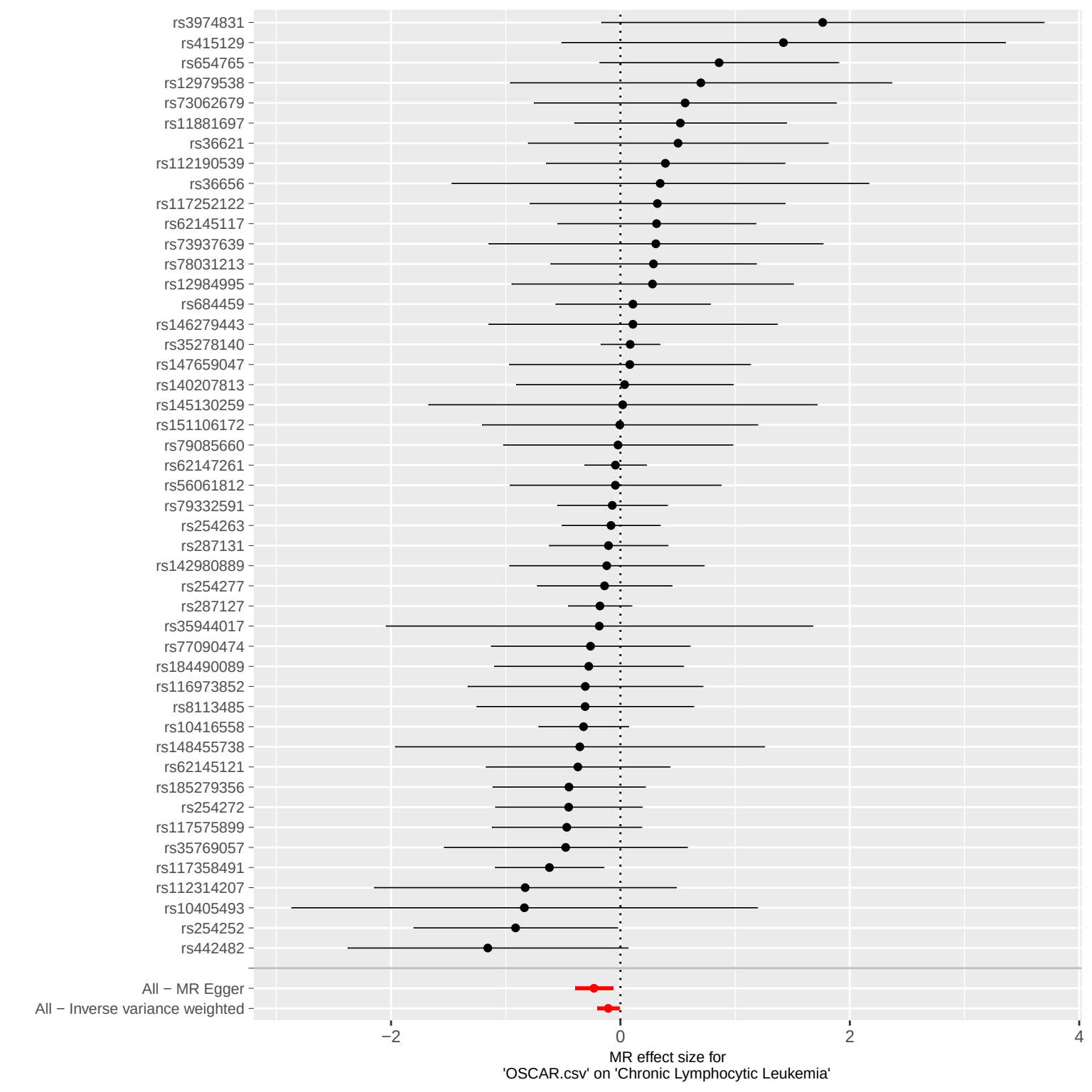
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'OSBPL11.csv' on 'Chronic Lymphocytic Leukemia'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rs78031213
rs12984995
rs684459
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rs77090474
rs184490089
rs116973852
rs8113485
rs10416558
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rs254272
rs117575899
rs35769057
rs117358491
rs112314207
rs10405493
rs254252
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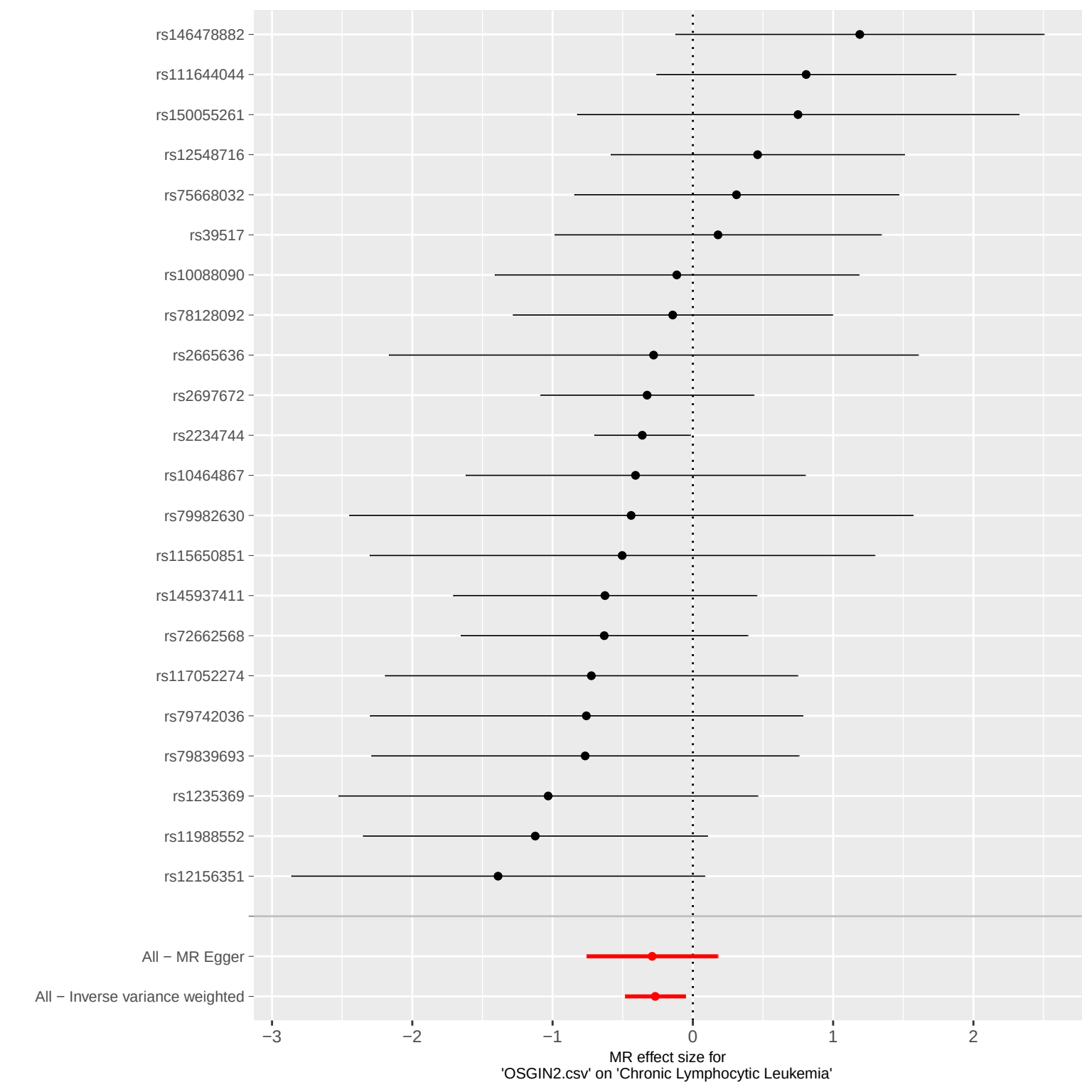
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'OSCAR.csv' on 'Chronic Lymphocytic Leukemia'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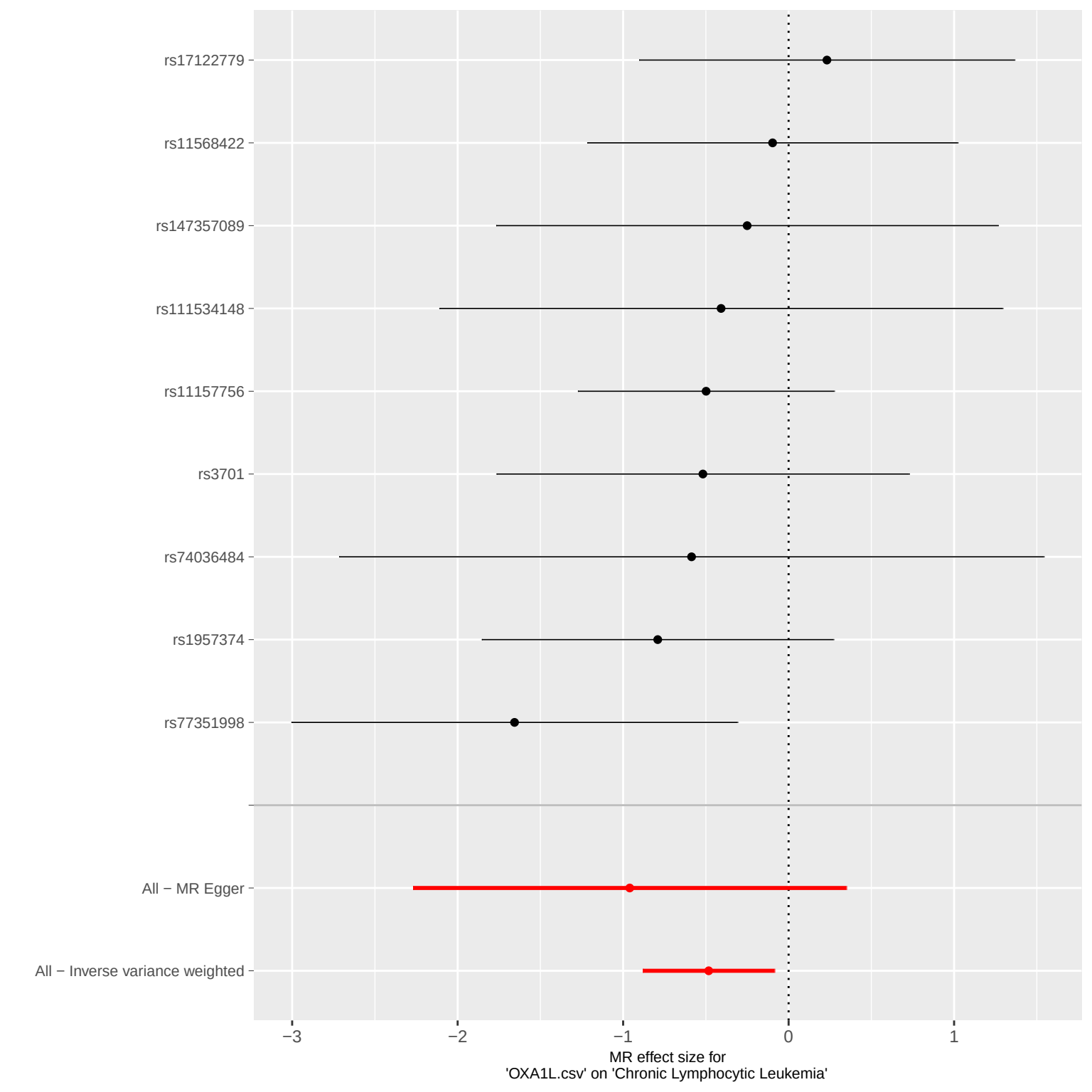
rs79982630
rs115650851
rs145937411
rs72662568
rs117052274
rs79742036
rs79839693
rs1235369
rs11988552
rs12156351
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'OSGIN2.csv' on 'Chronic Lymphocytic Leukemia'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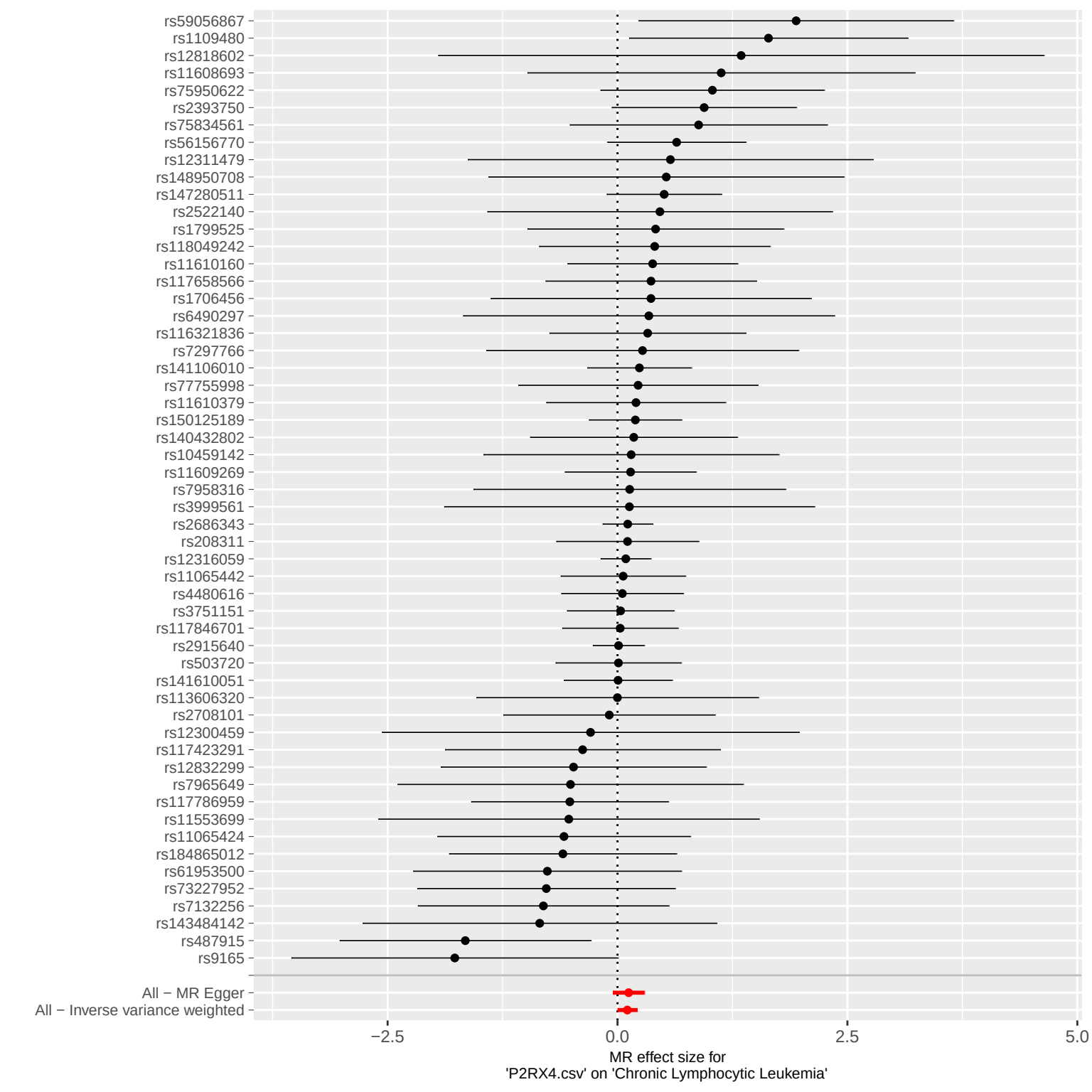
rs11157756
rs3701
rs74036484
rs1957374
rs77351998
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'OXA1L.csv' on 'Chronic Lymphocytic Leukemia'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rs117658566
rs1706456
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rs116321836
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rs11610379
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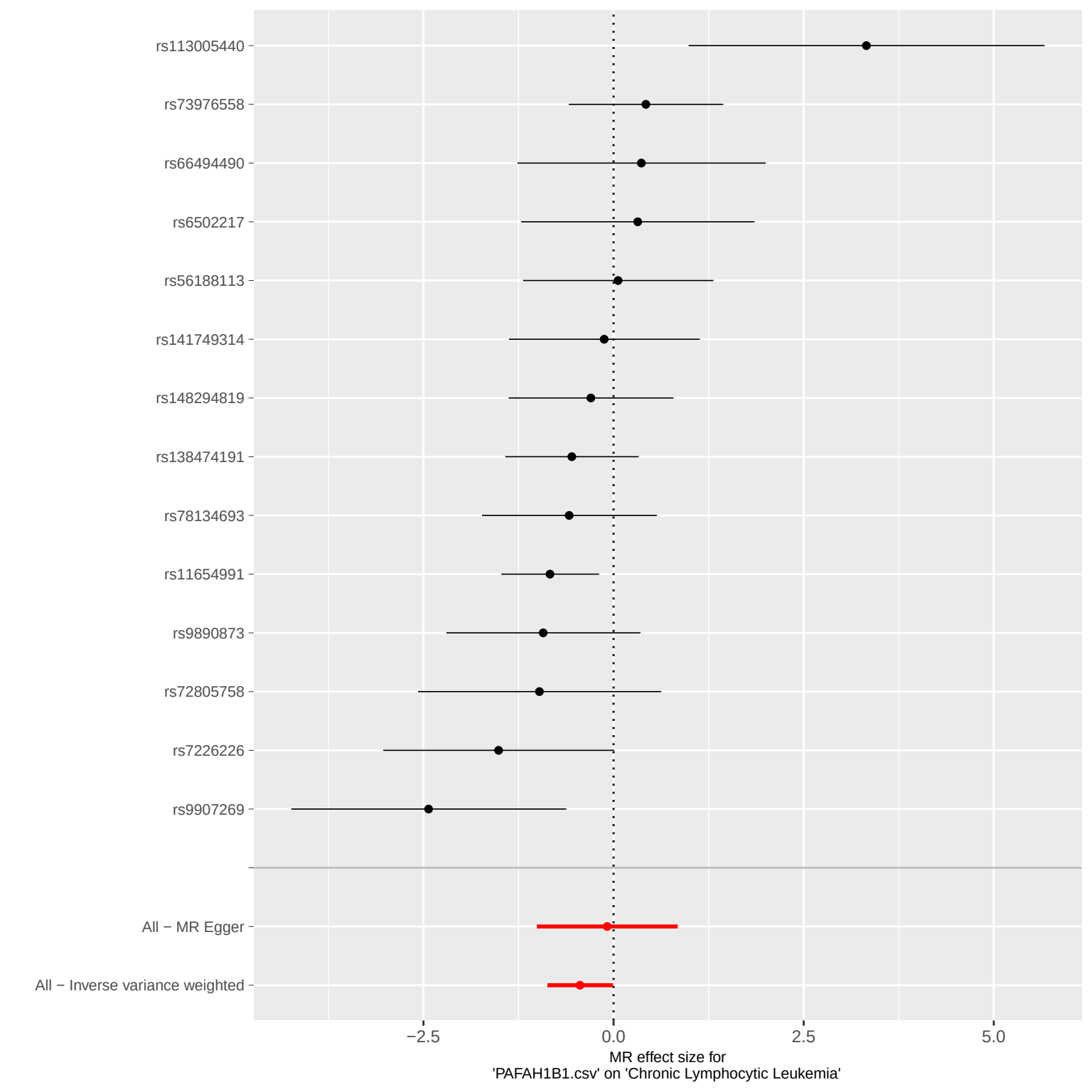
rs503720
rs141610051
rs113606320
rs2708101
rs12300459
rs117423291
rs12832299
rs7965649
rs117786959
rs11553699
rs11065424
rs184865012
rs61953500
rs73227952
rs7132256
rs143484142
rs487915
rs9165
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'P2RX4.csv' on 'Chronic Lymphocytic Leukemia'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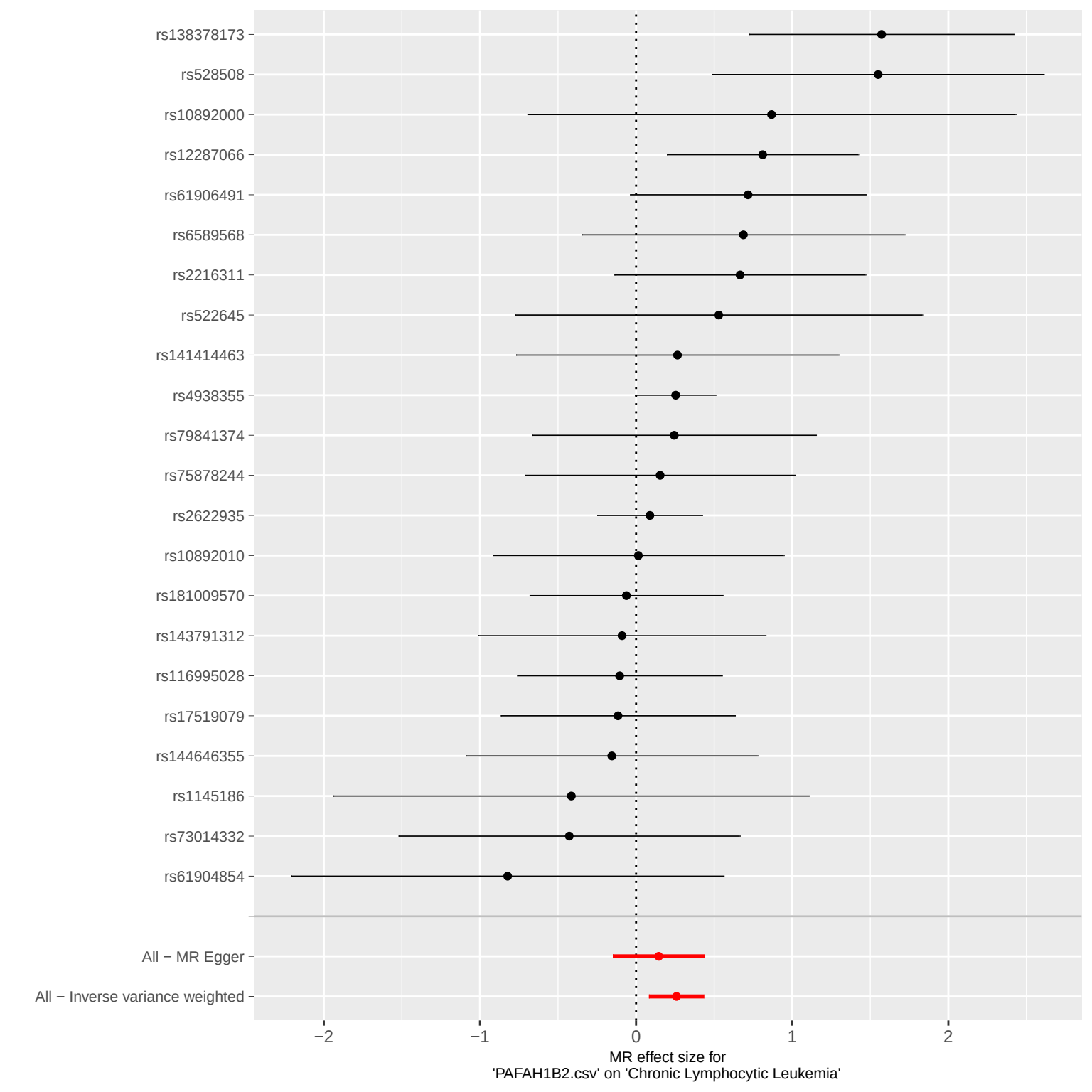
rs11654991
rs9890873
rs72805758
rs7226226
rs9907269
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'PAFAH1B1.csv' on 'Chronic Lymphocytic Leukemia'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rs75878244
rs2622935
rs10892010
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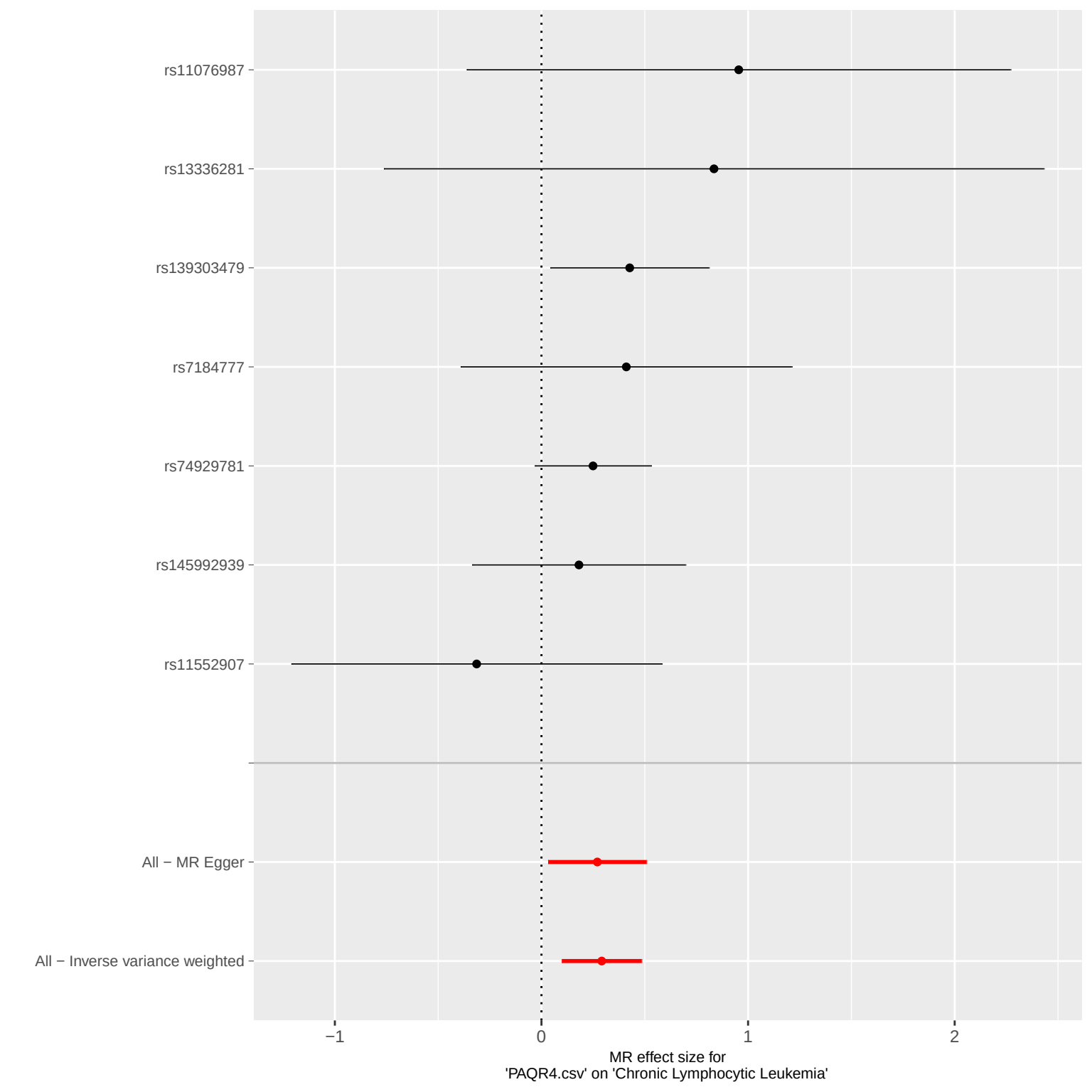
rs143791312
rs116995028
rs17519079
rs144646355
rs1145186
rs73014332
rs61904854
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'PAFAH1B2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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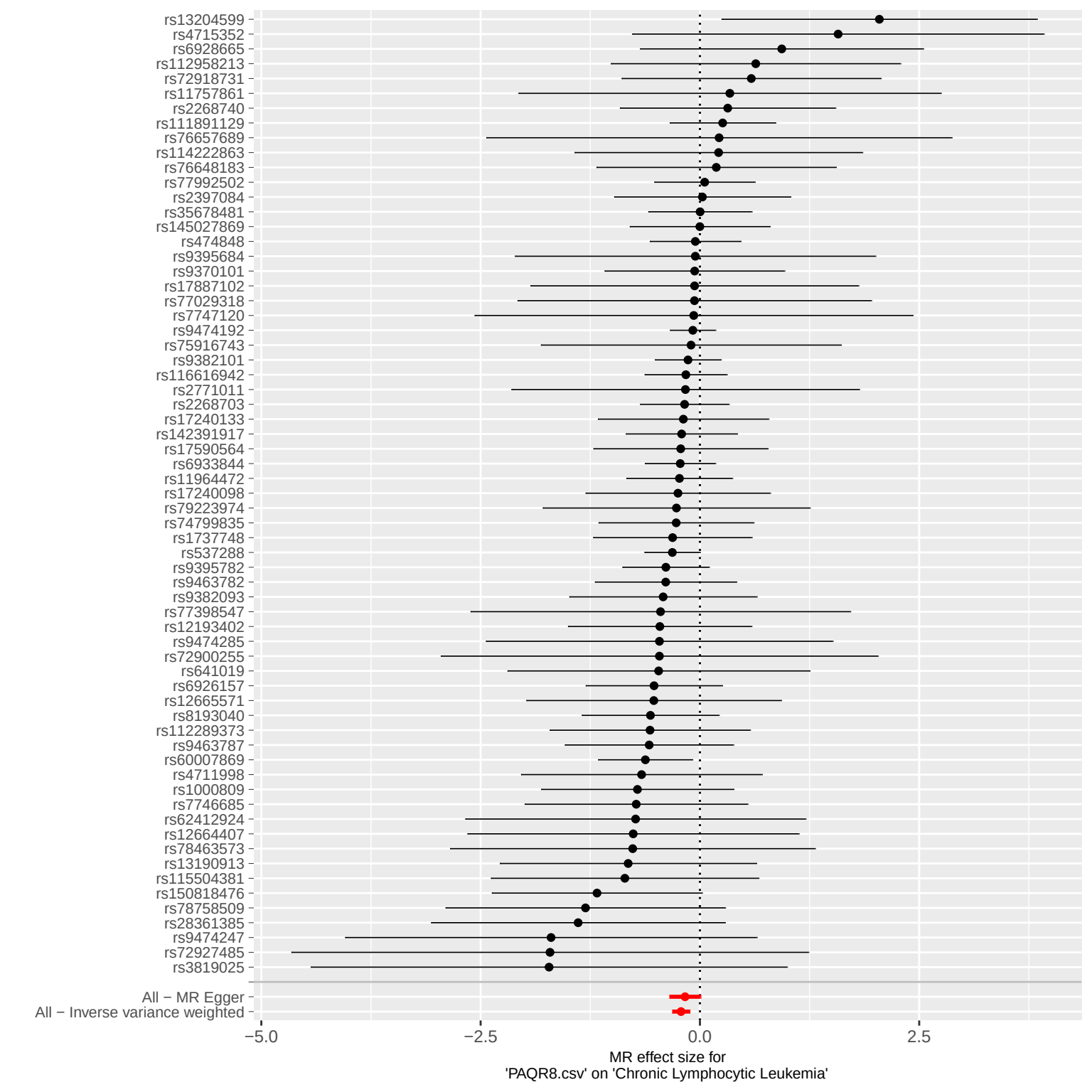
MR effect size for
'PAQR4.csv' on 'Chronic Lymphocytic Leukemia'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rs3819025
All − MR Egger
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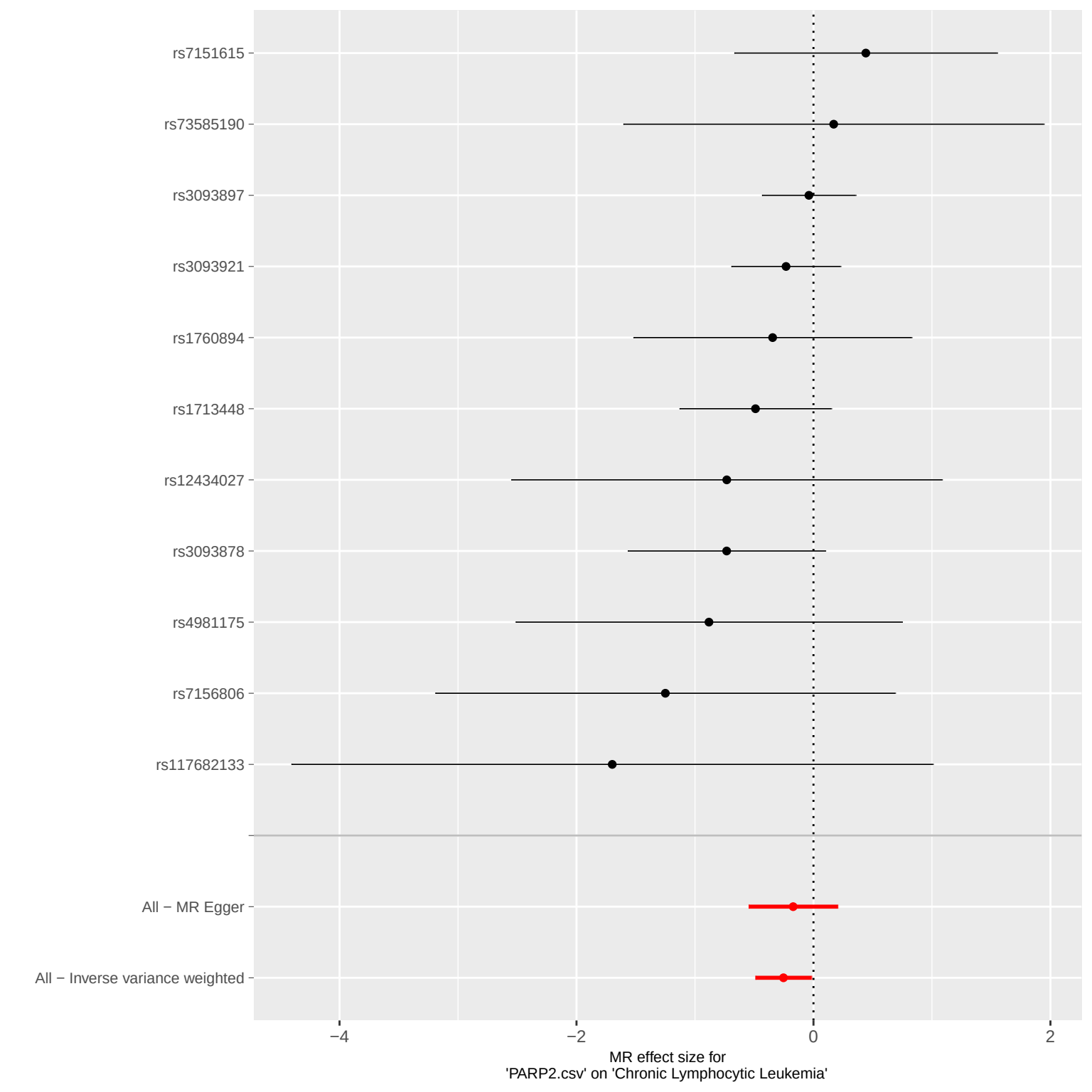
2.5
MR effect size for
'PAQR8.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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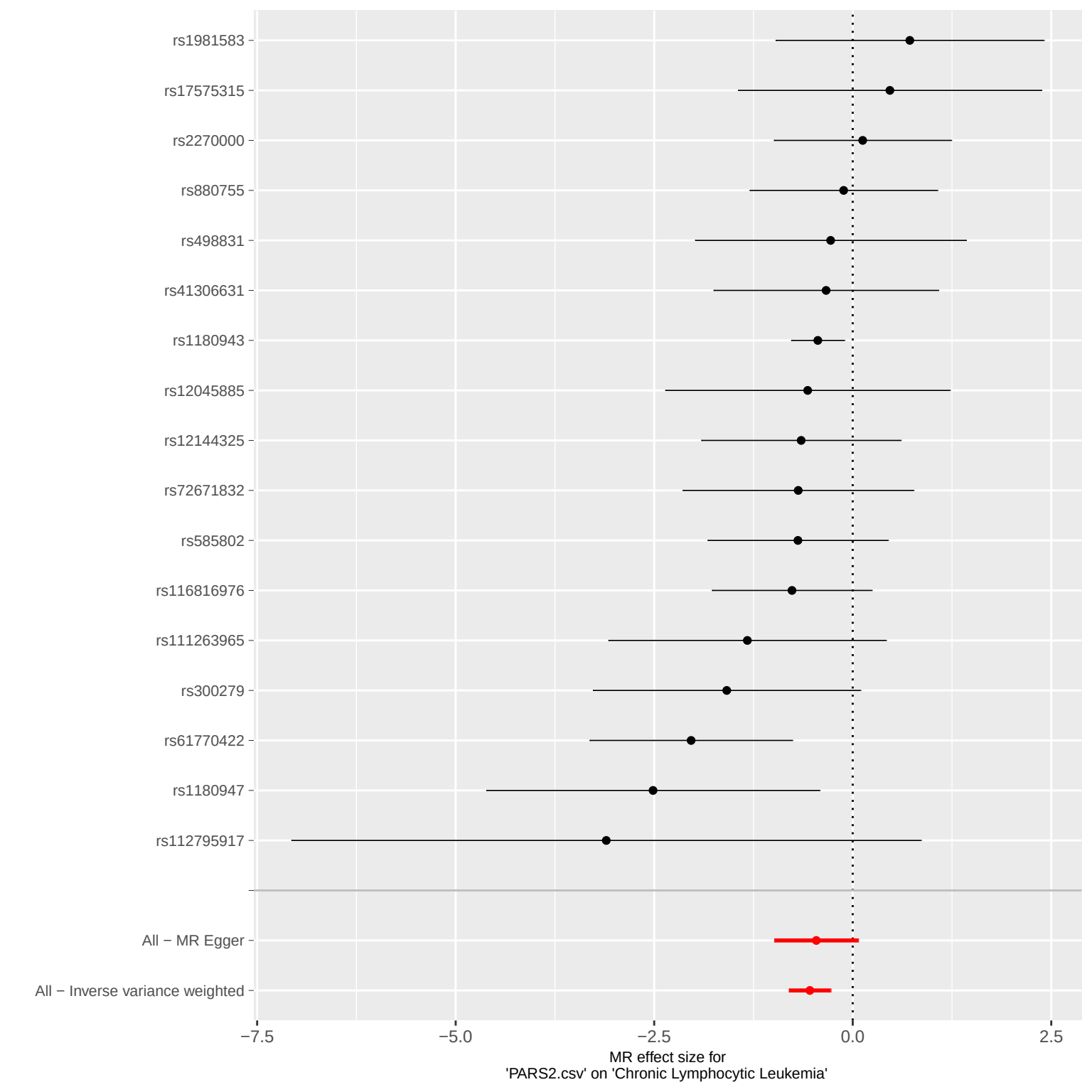
2
MR effect size for
'PARP2.csv' on 'Chronic Lymphocytic Leukemia'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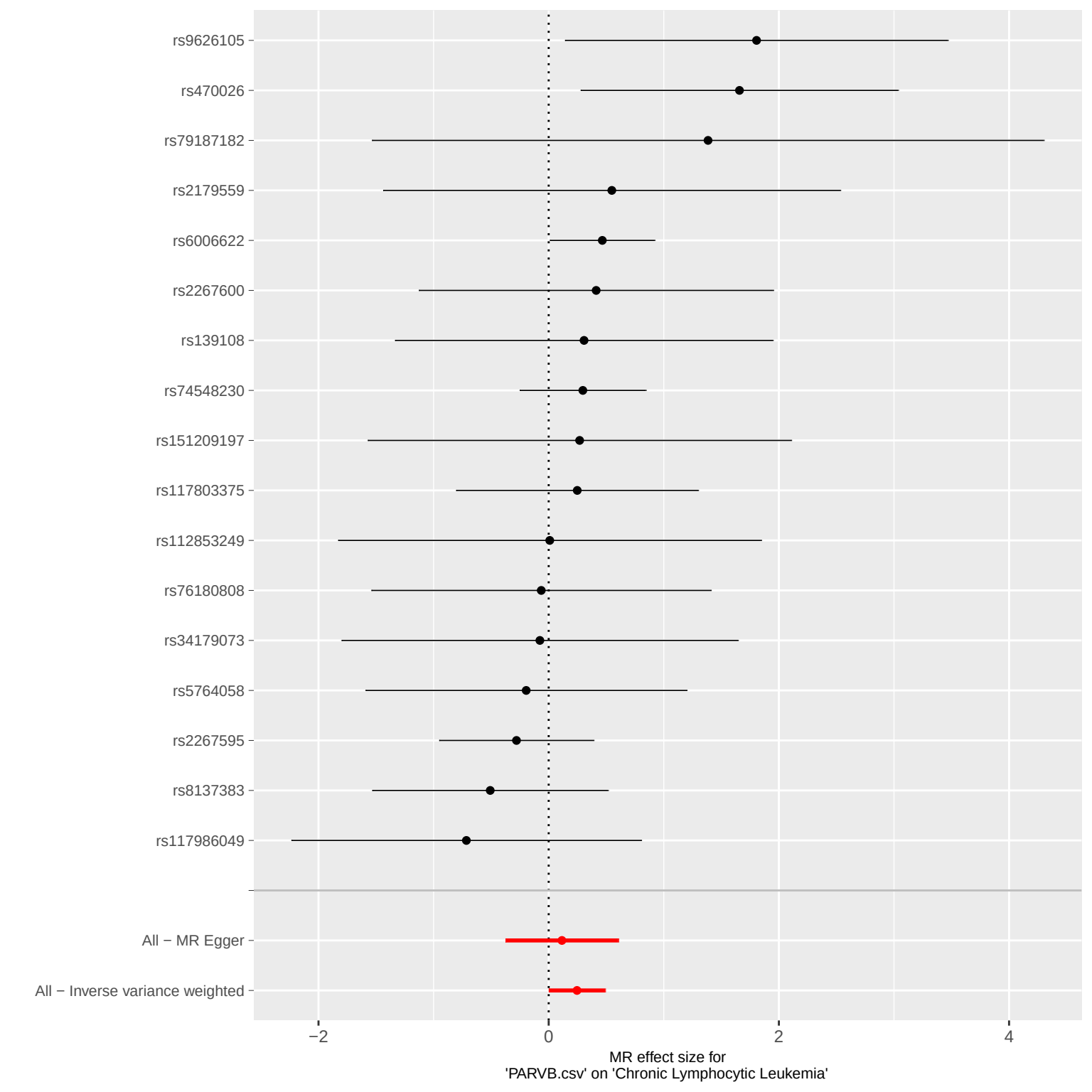
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'PARS2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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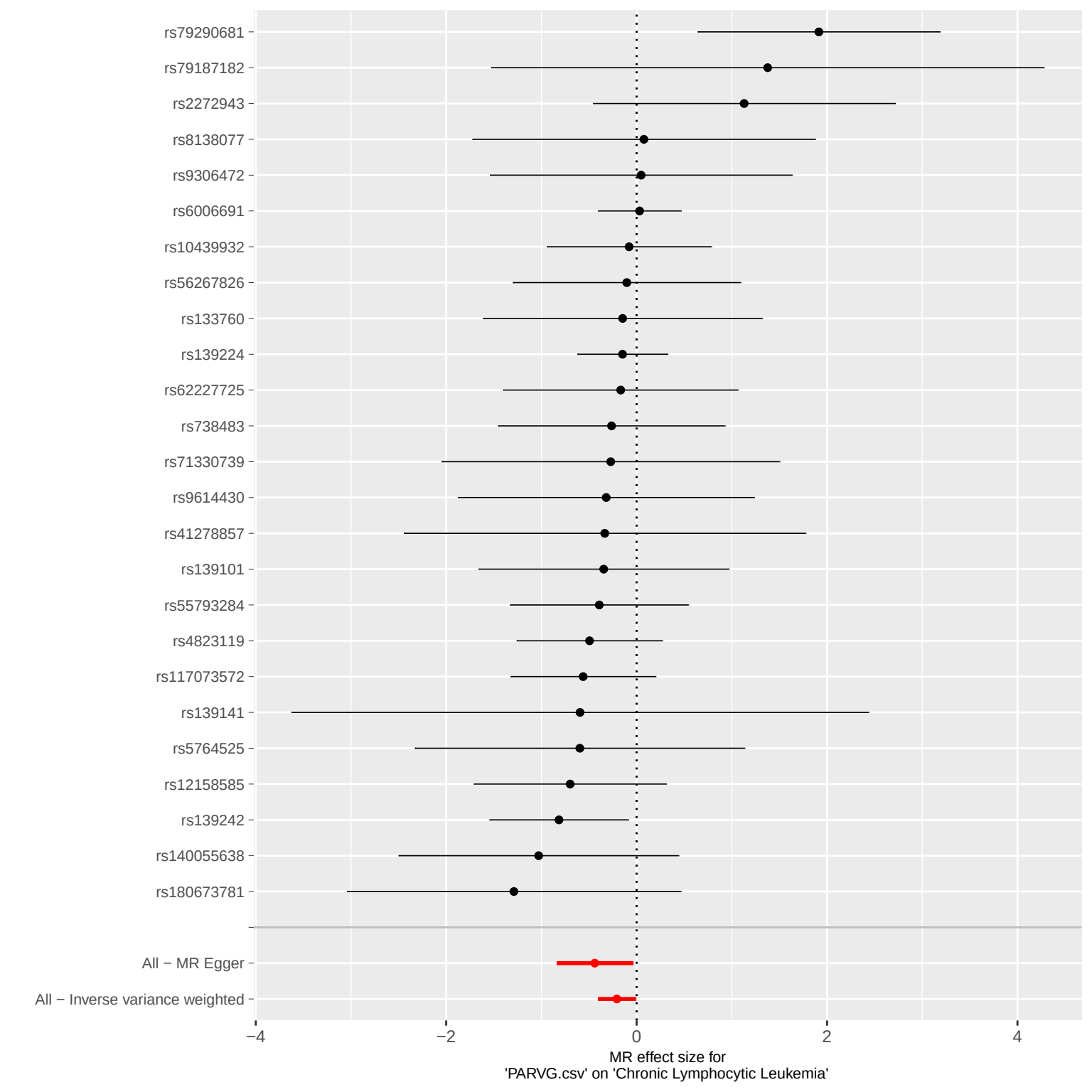
MR effect size for
'PARVB.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
−2
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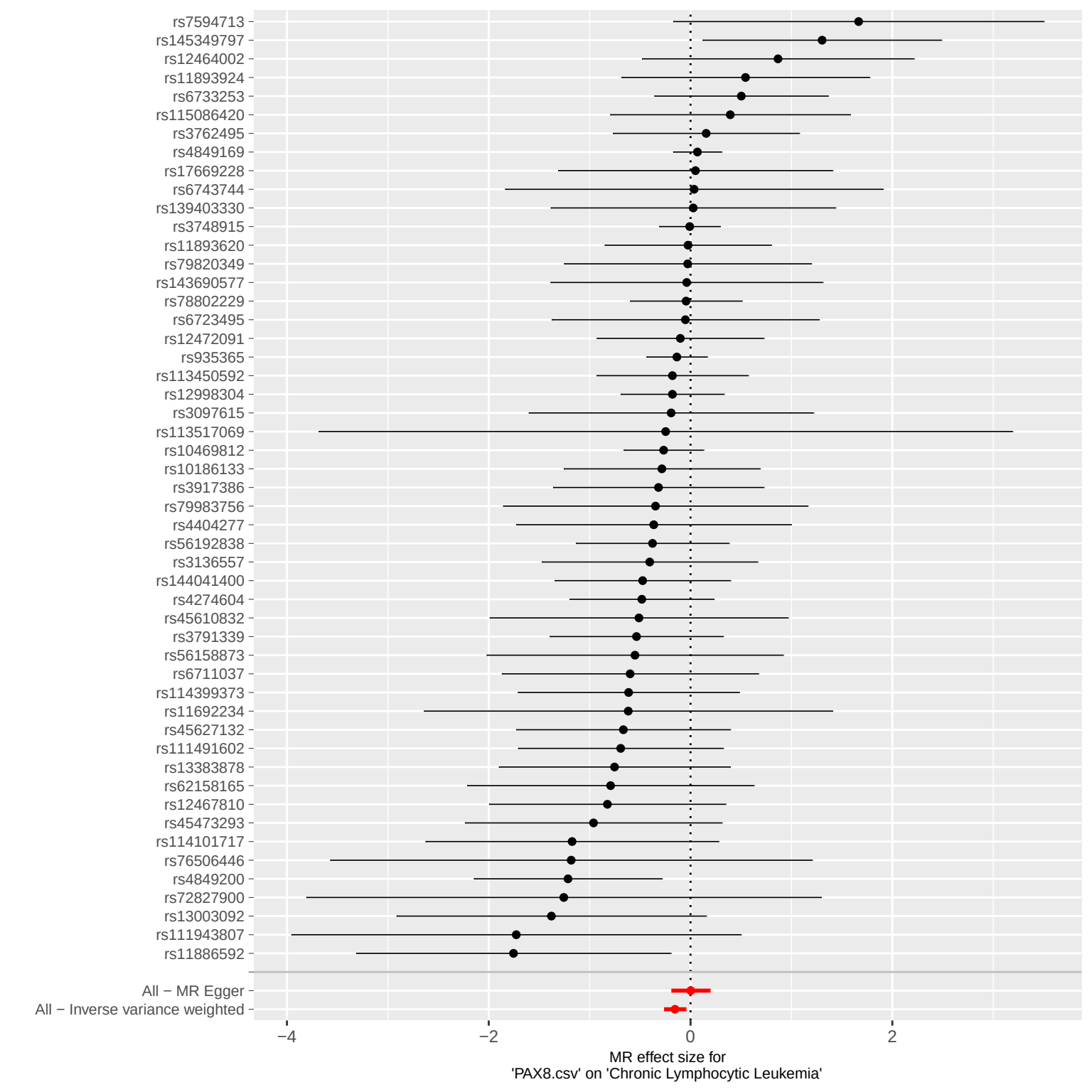
MR effect size for
'PARVG.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−2
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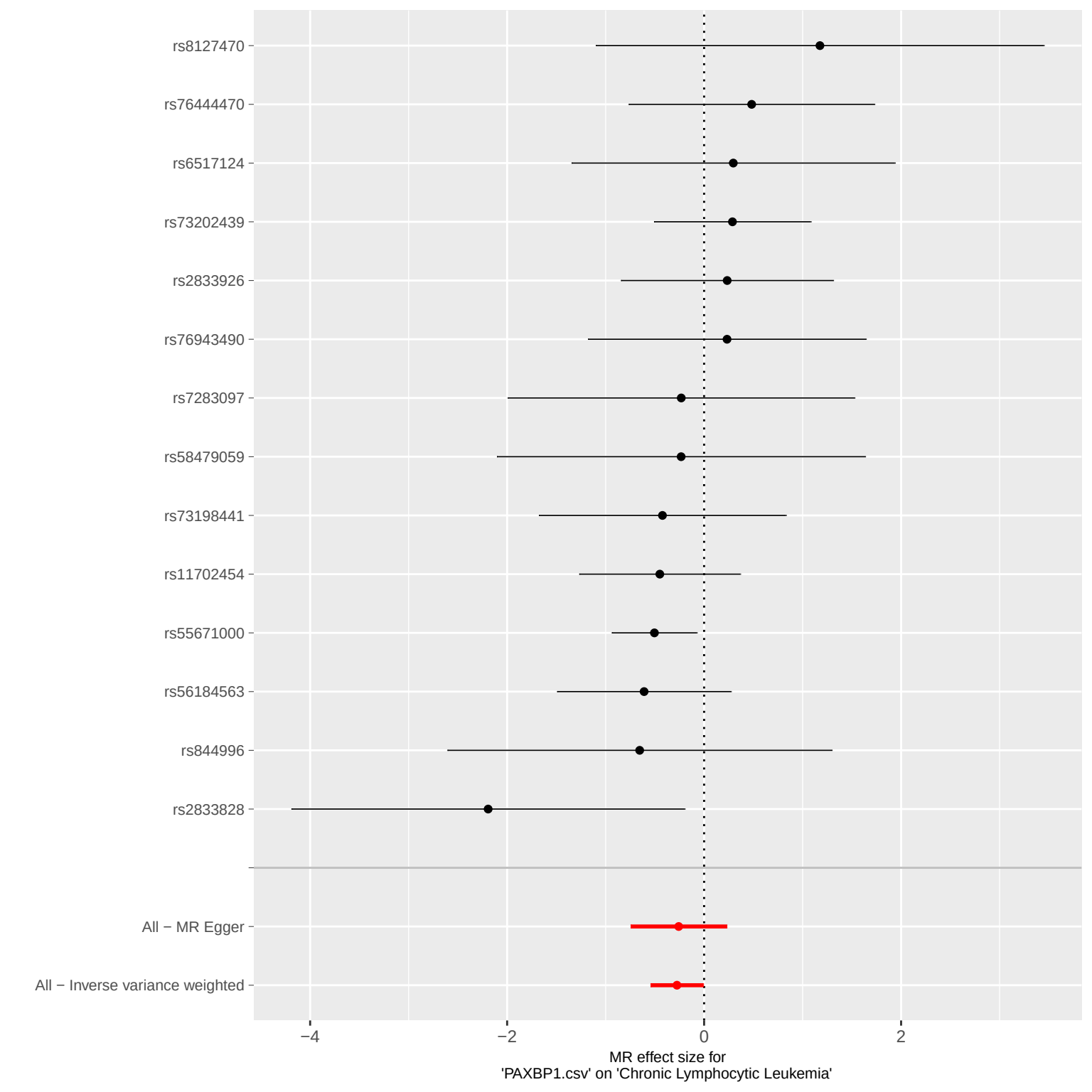
MR effect size for
'PAX8.csv' on 'Chronic Lymphocytic Leukemia'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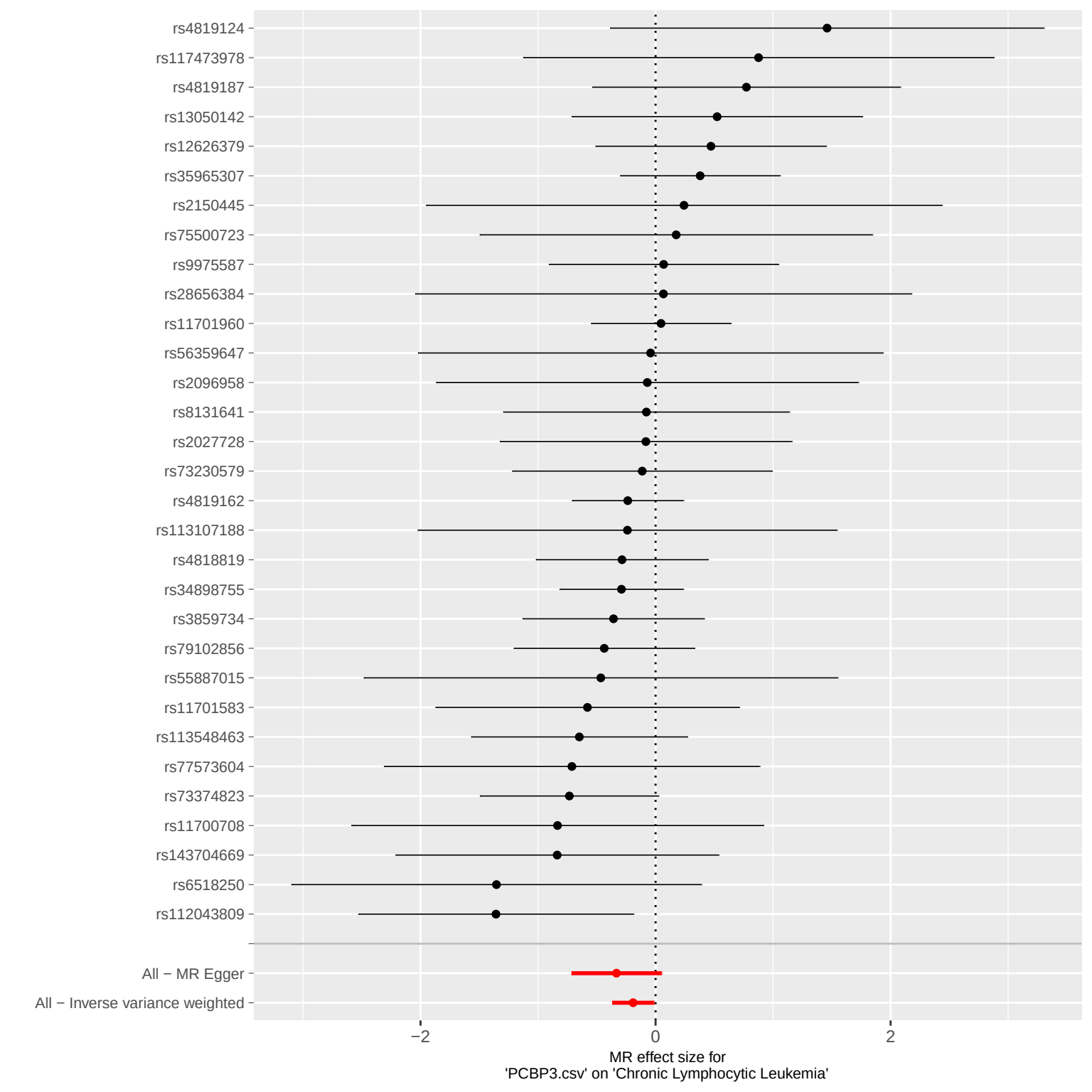
MR effect size for
'PAXBP1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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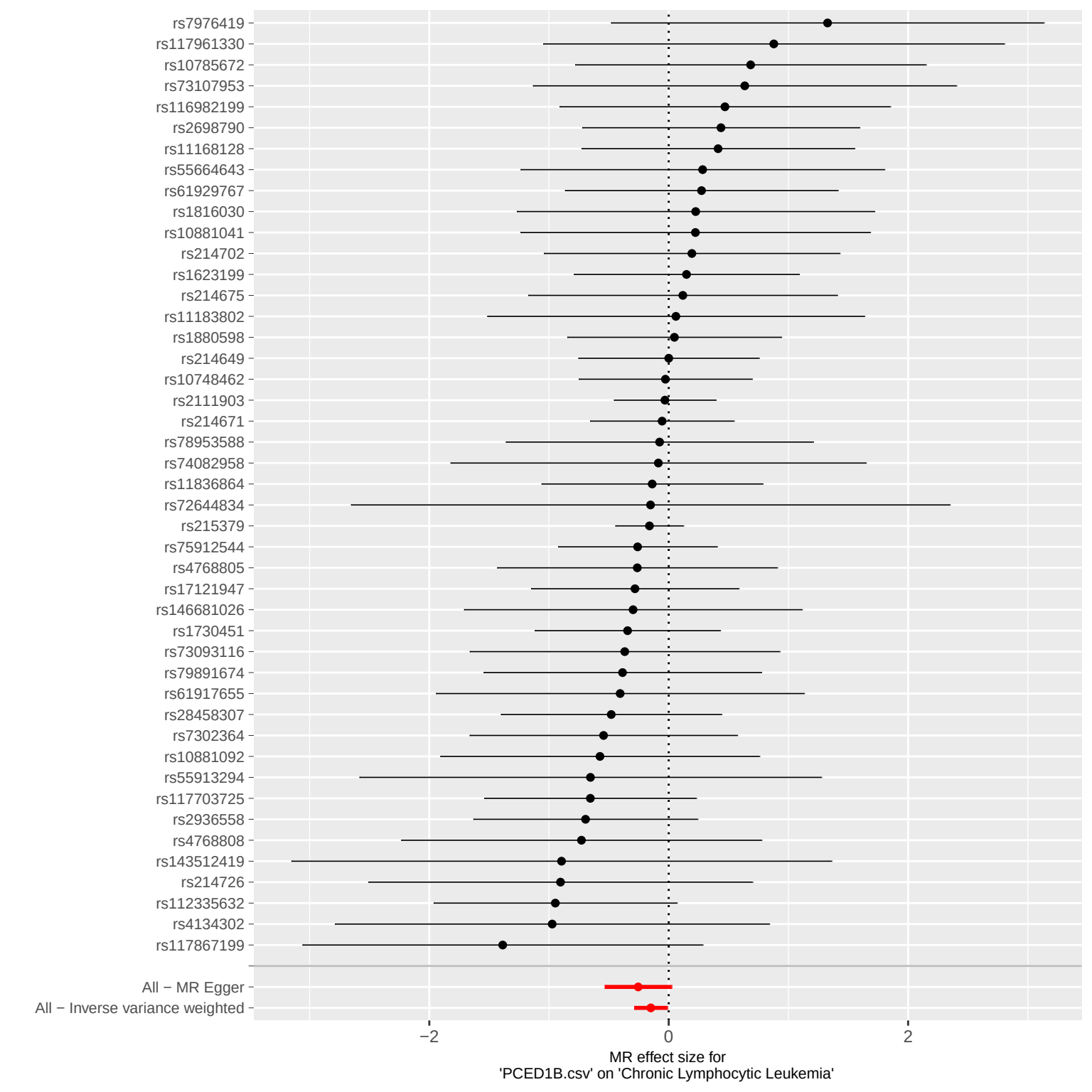
MR effect size for
'PCBP3.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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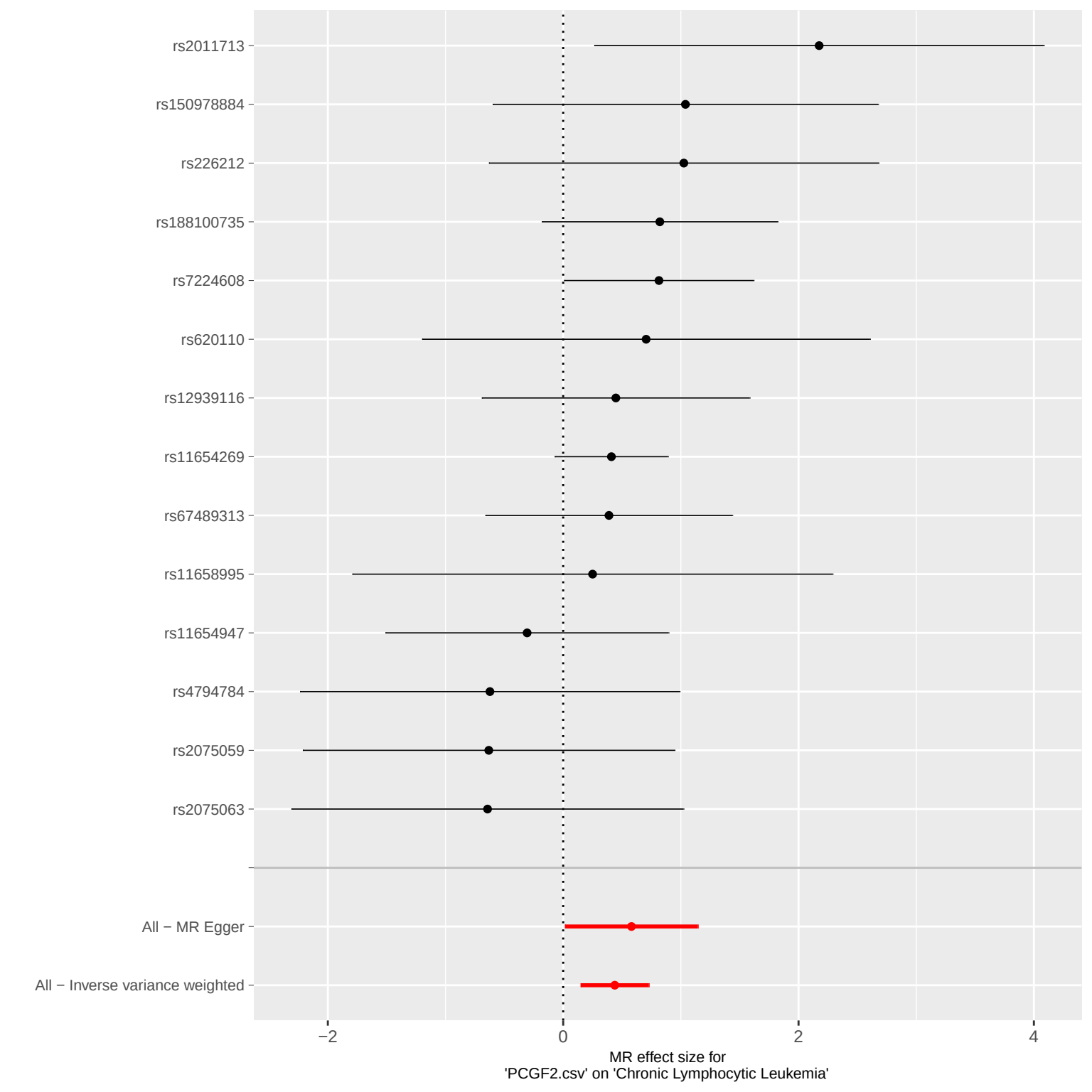
MR effect size for
'PCED1B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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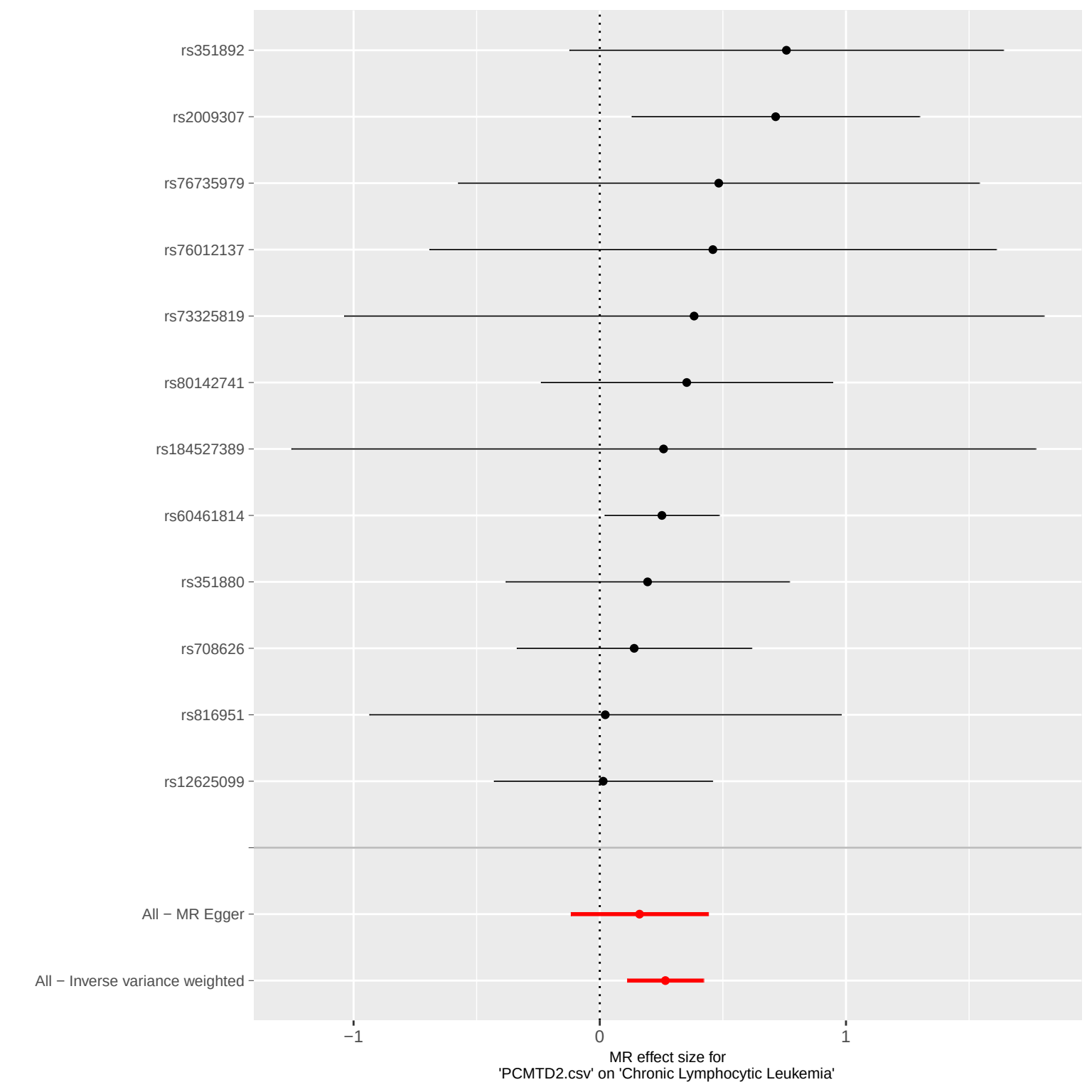
MR effect size for
'PCGF2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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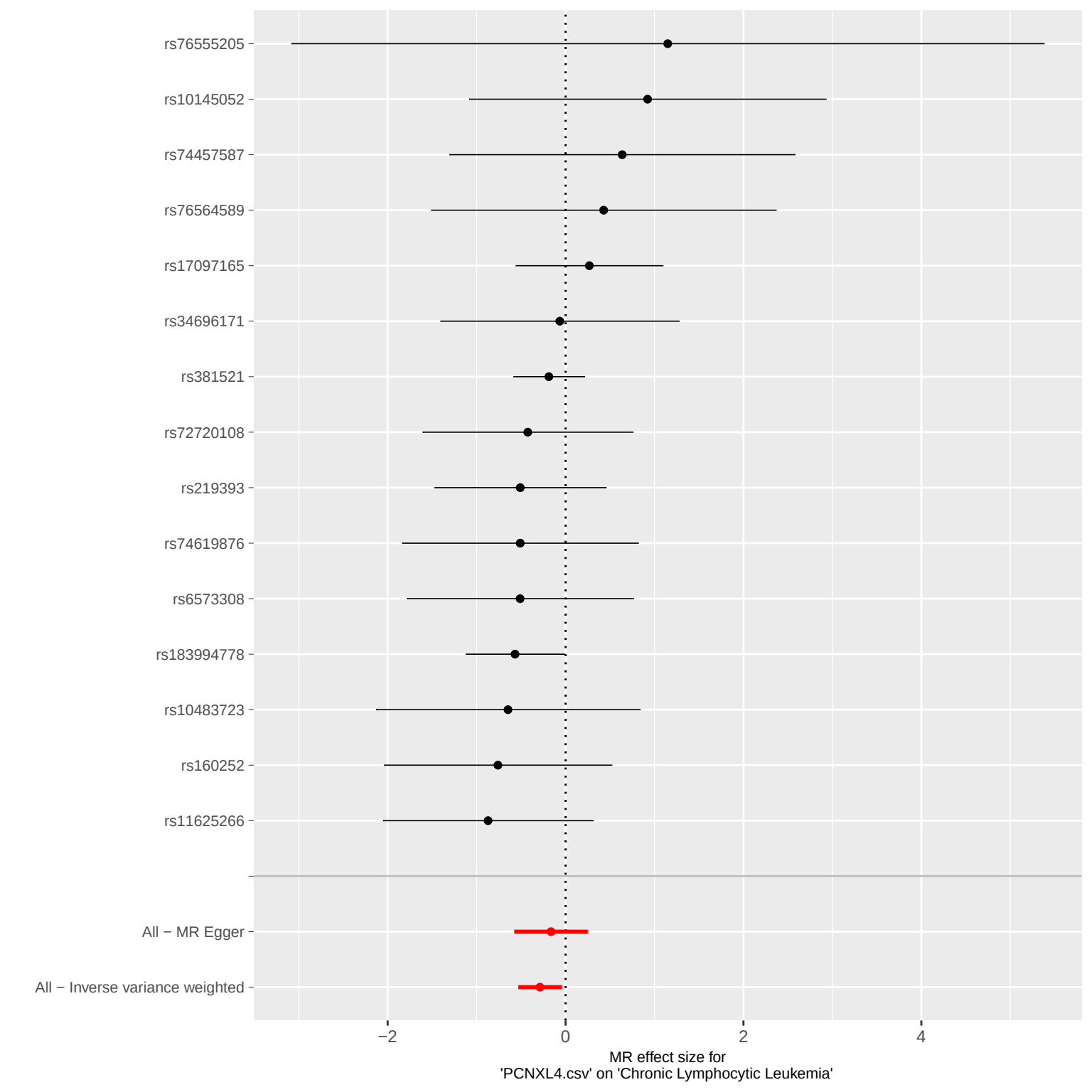
MR effect size for
'PCMTD2.csv' on 'Chronic Lymphocytic Leukemia'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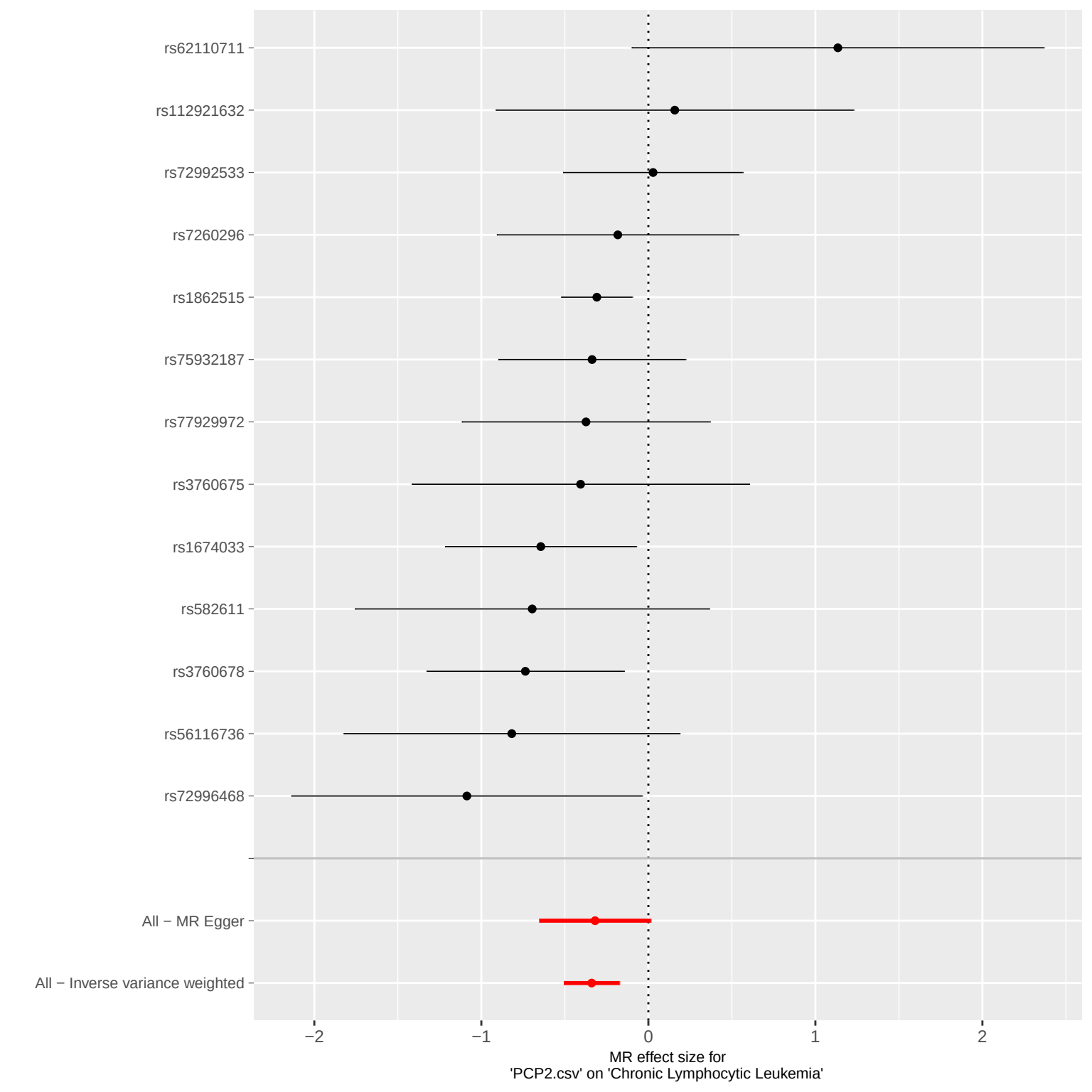
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All − MR Egger
All − Inverse variance weighted
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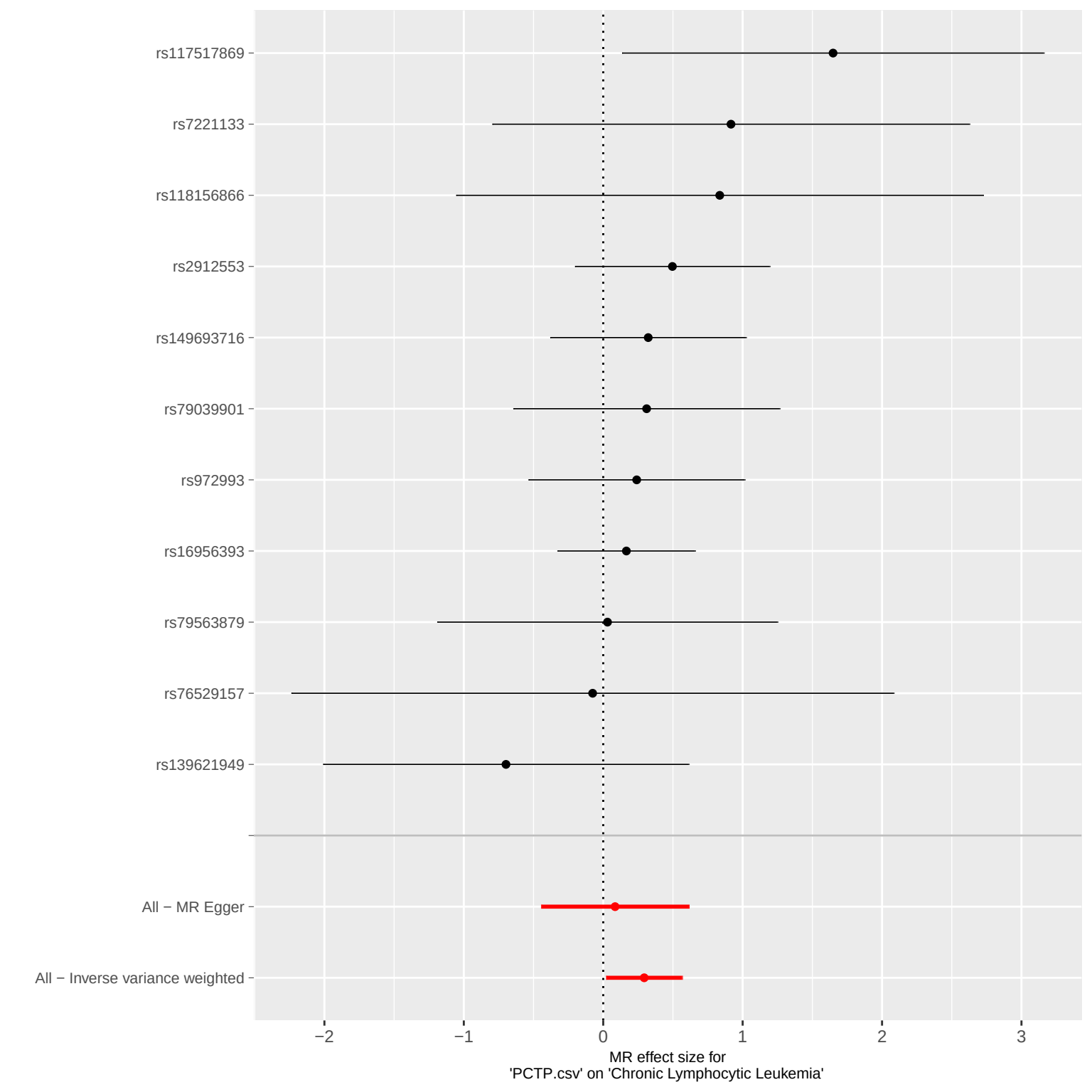
−1
0
1
2
MR effect size for
'PCP2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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2
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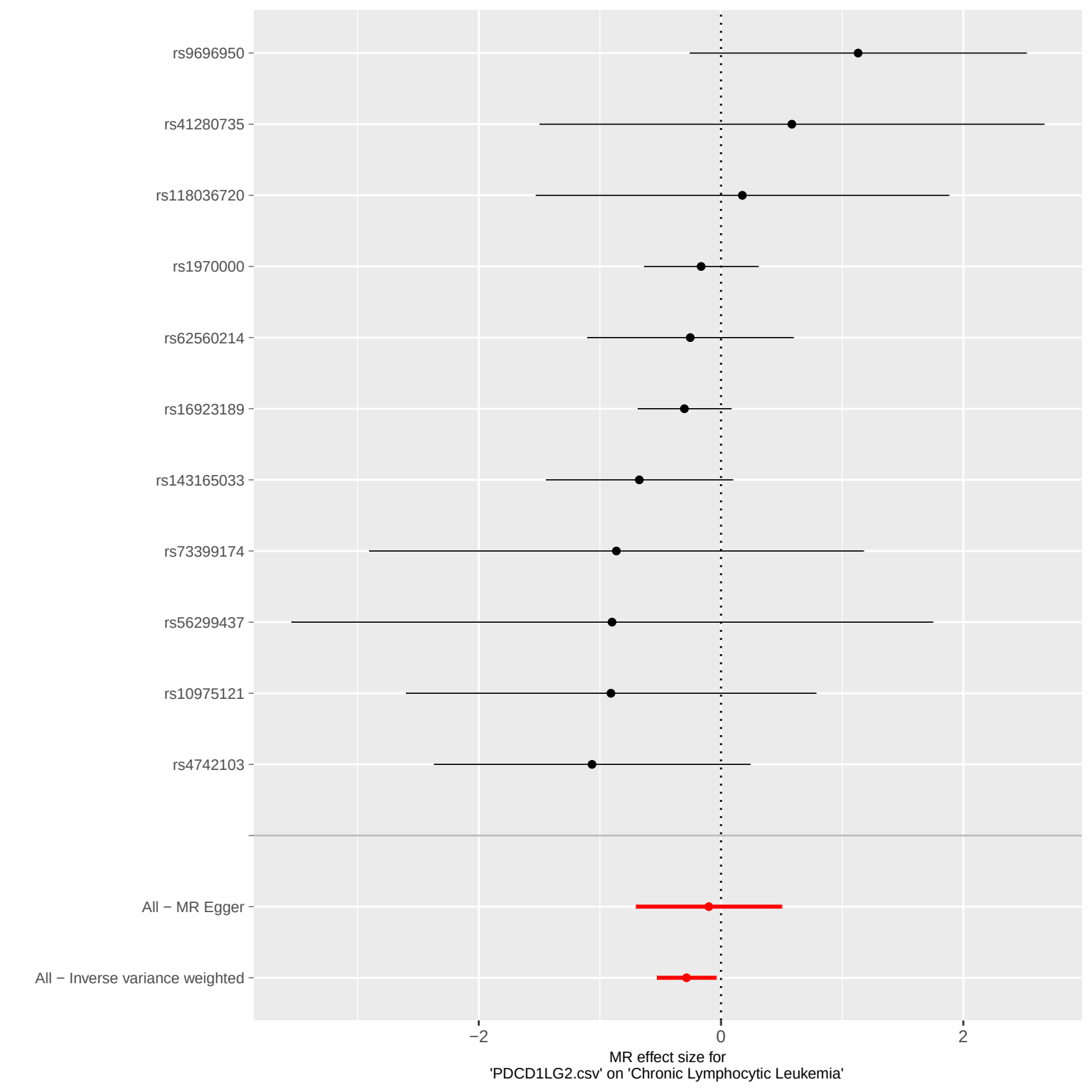
MR effect size for
'PCTP.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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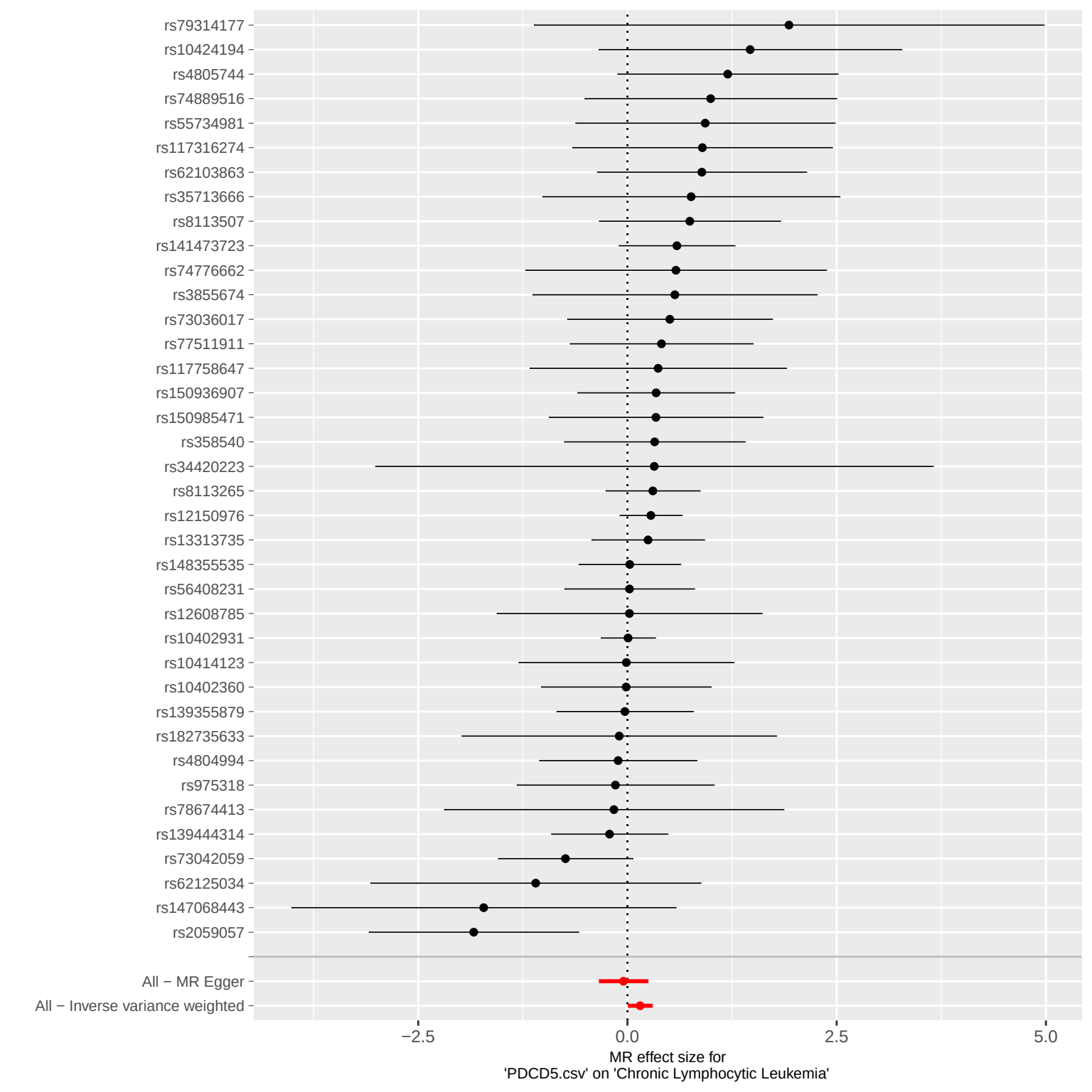
MR effect size for
'PDCD1LG2.csv' on 'Chronic Lymphocytic Leukemia'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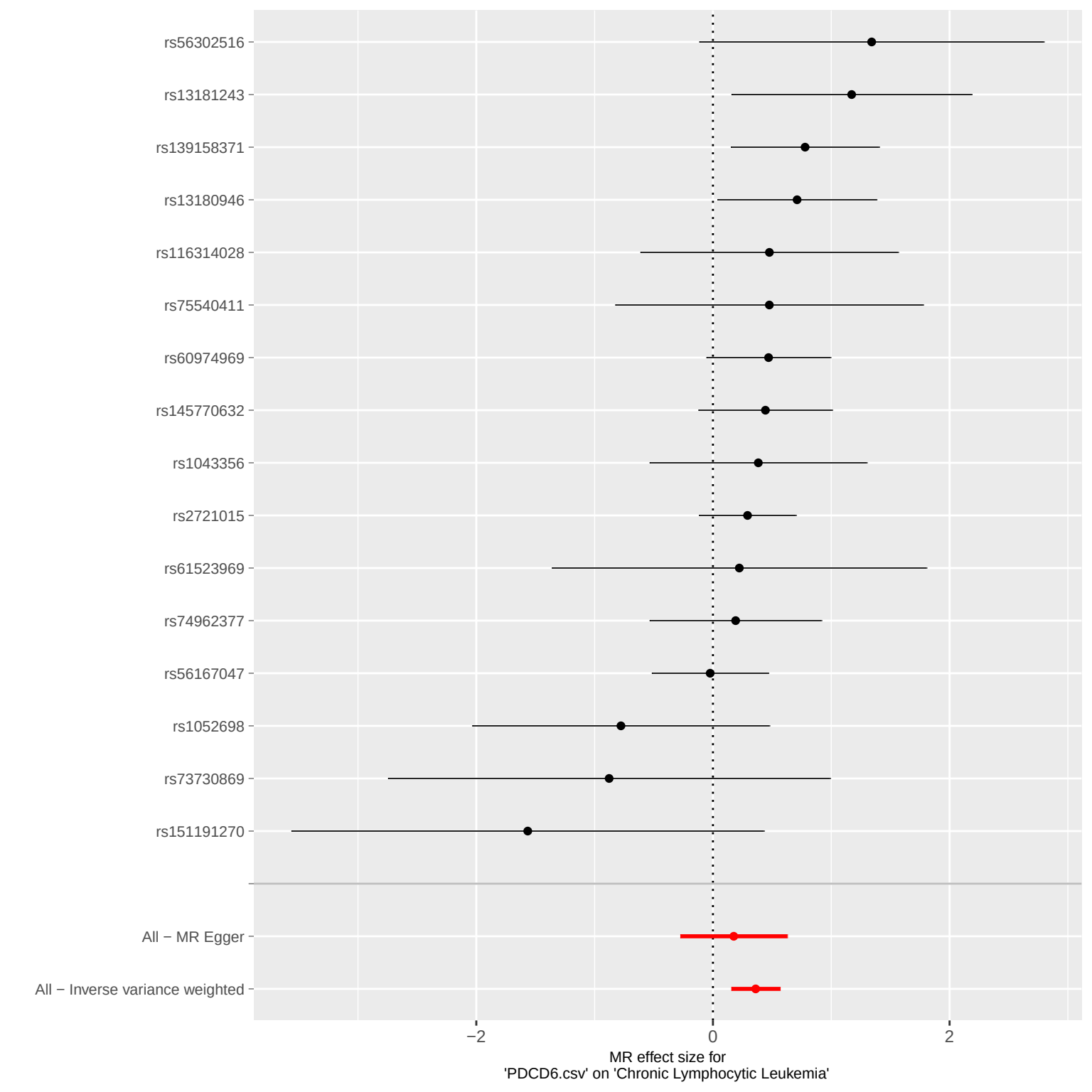
2.5
5.0
MR effect size for
'PDCD5.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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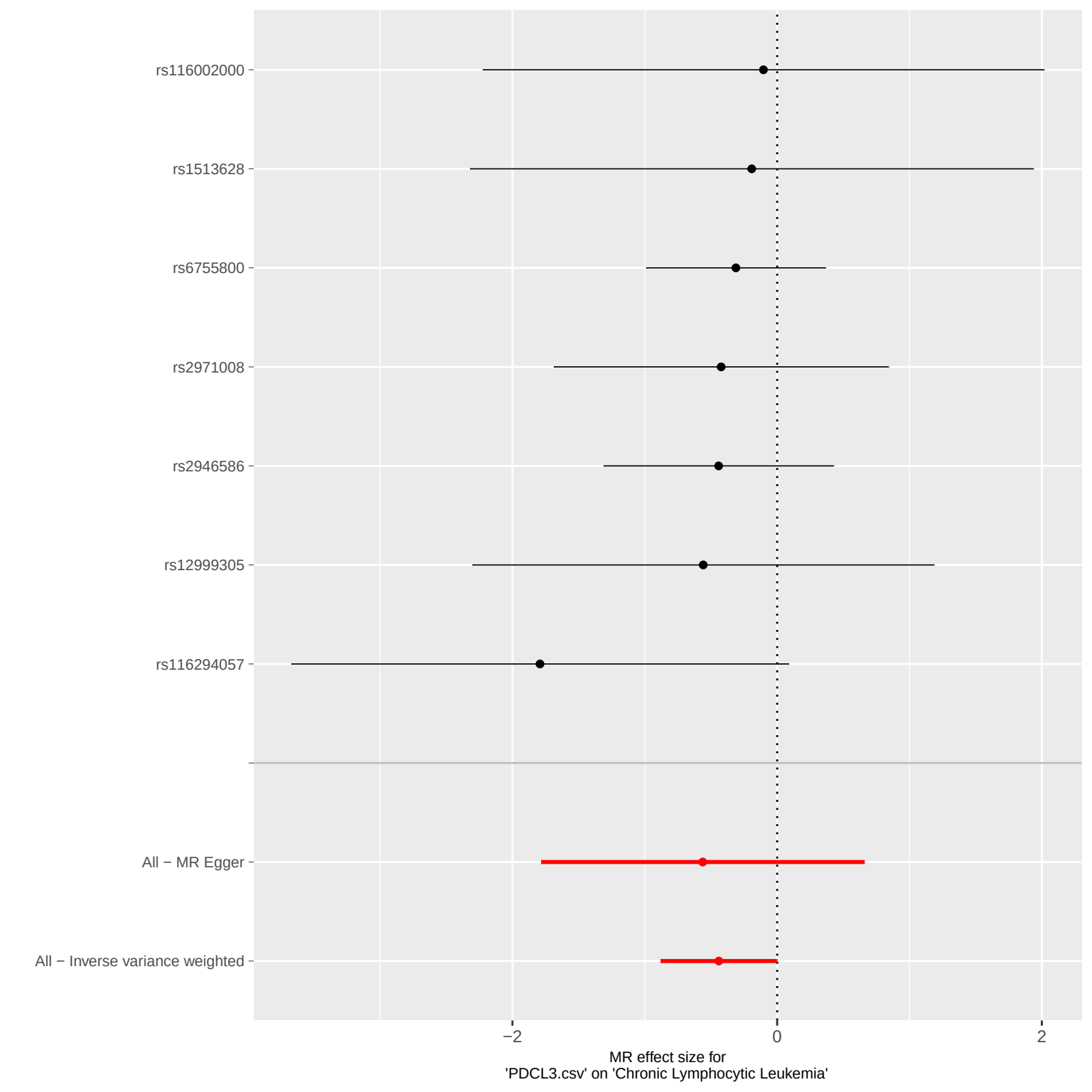
MR effect size for
'PDCD6.csv' on 'Chronic Lymphocytic Leukemia'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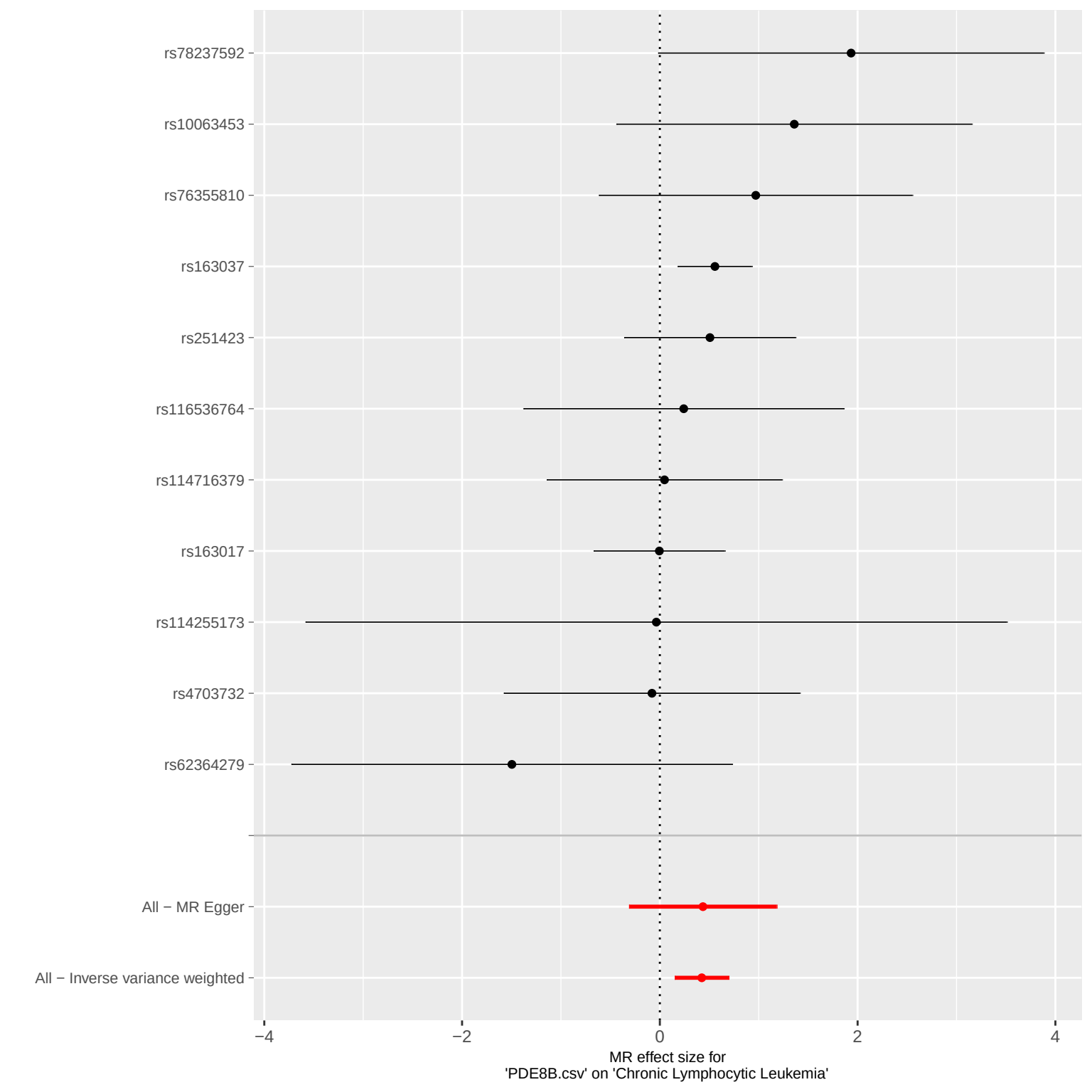
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MR effect size for
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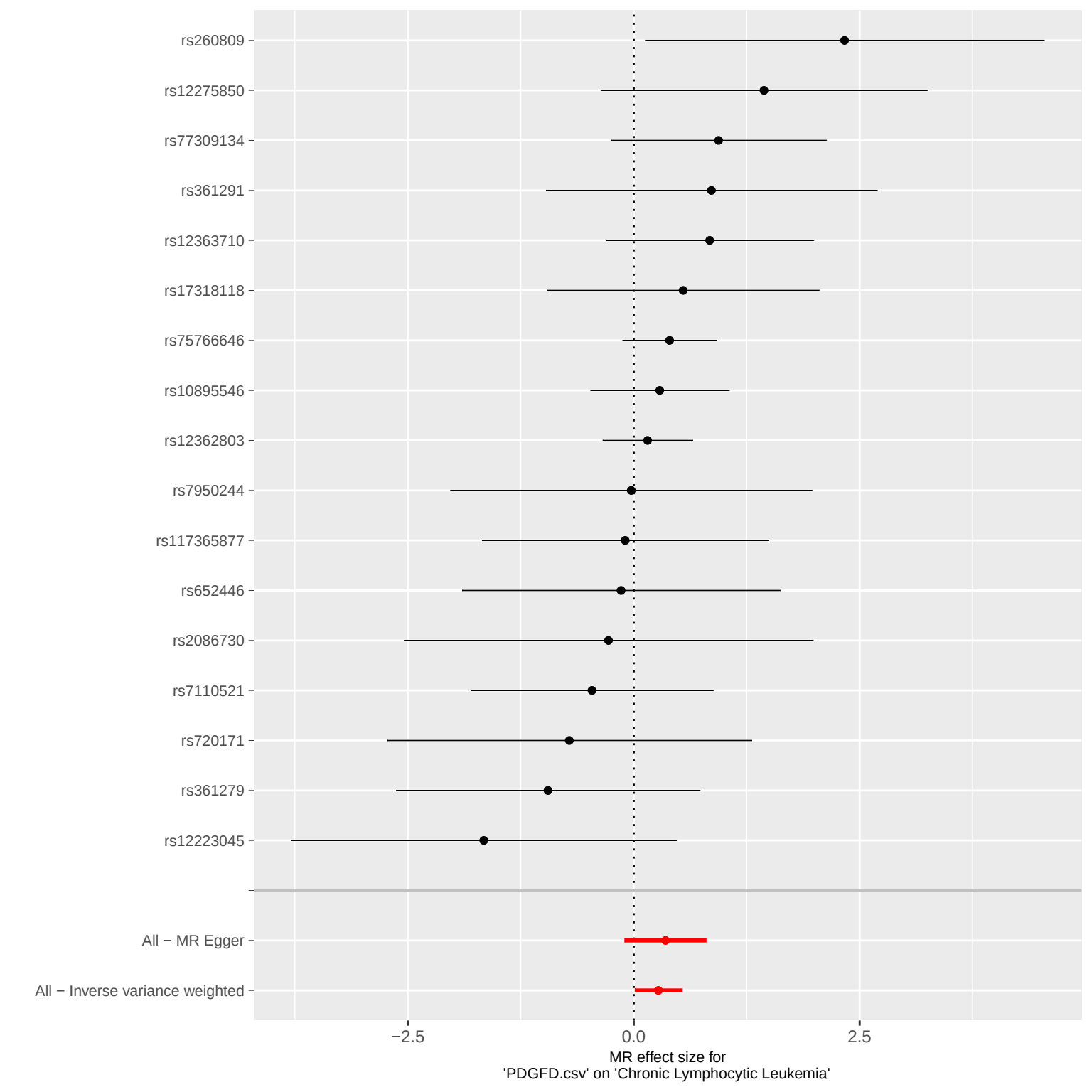
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MR effect size for
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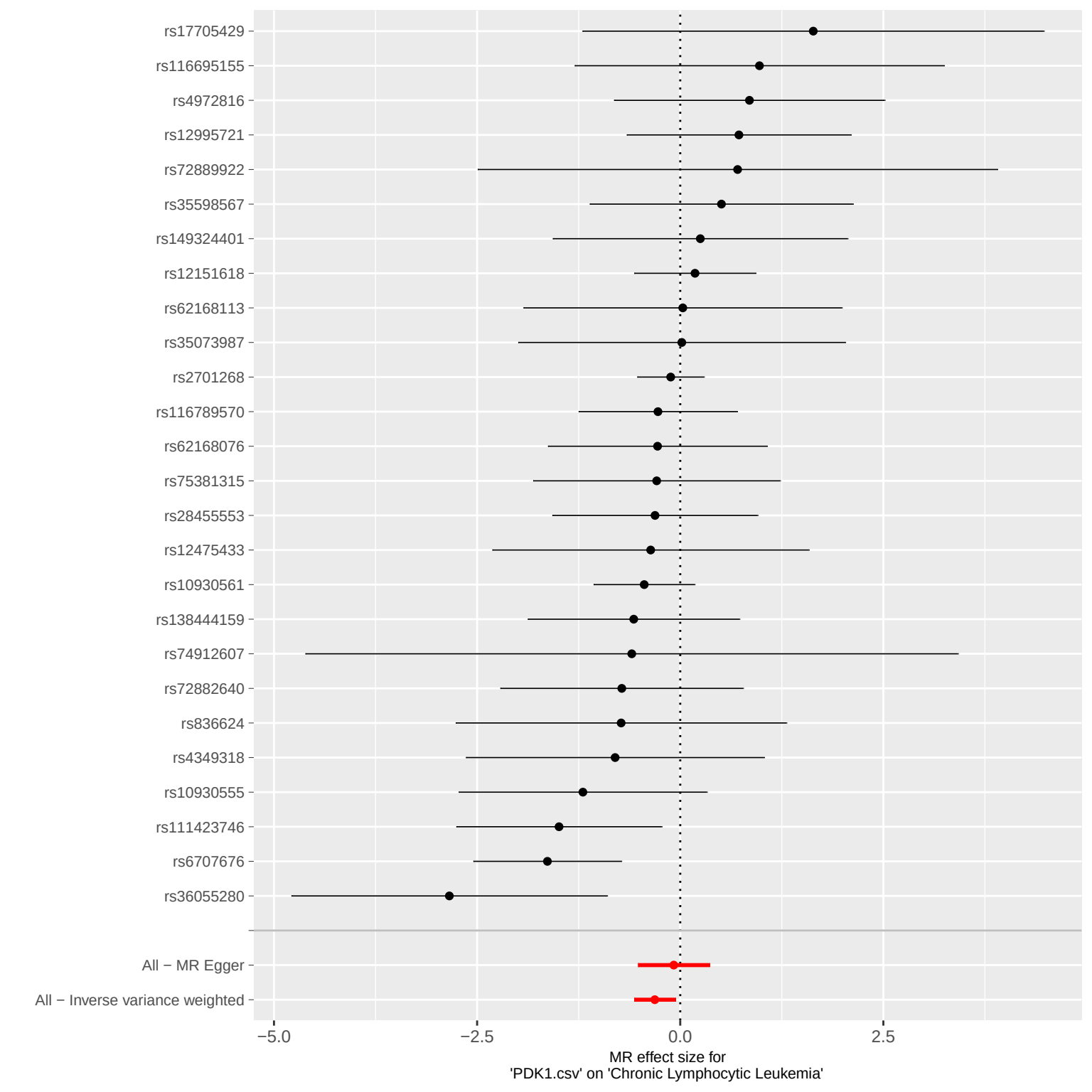
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rs36055280
All − MR Egger
All − Inverse variance weighted
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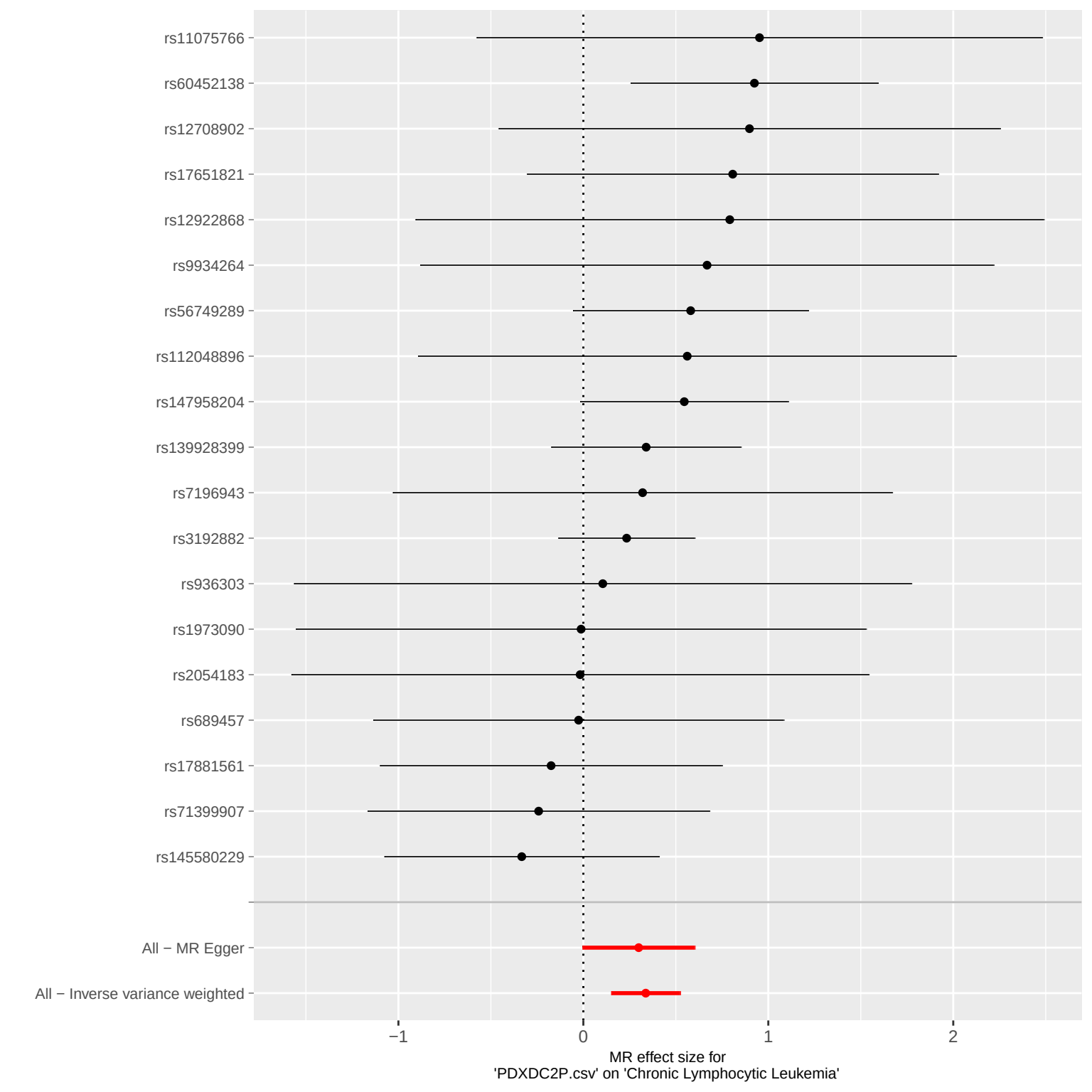
2.5
MR effect size for
'PDK1.csv' on 'Chronic Lymphocytic Leukemia'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rs17881561
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All − MR Egger
All − Inverse variance weighted
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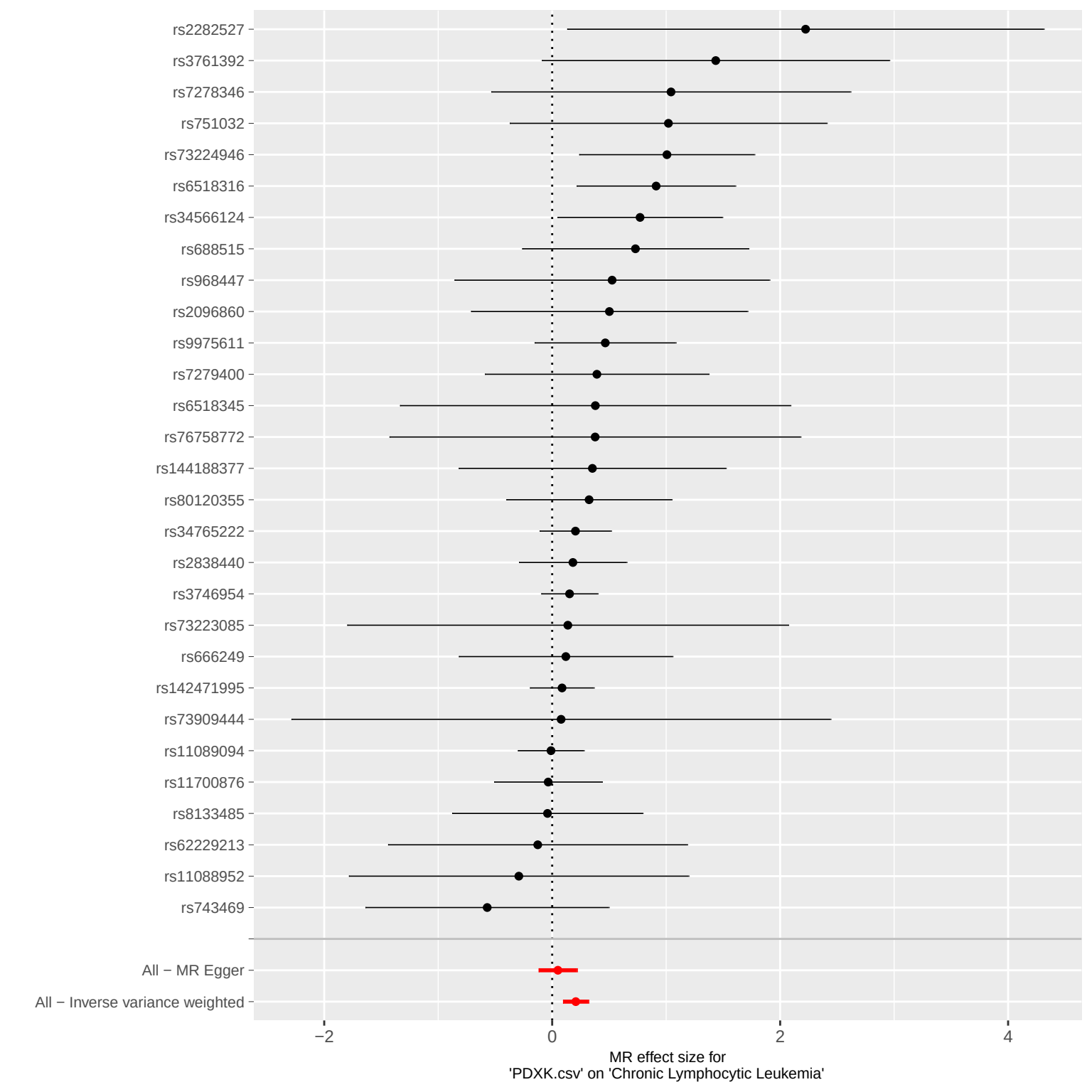
1
2
MR effect size for
'PDXDC2P.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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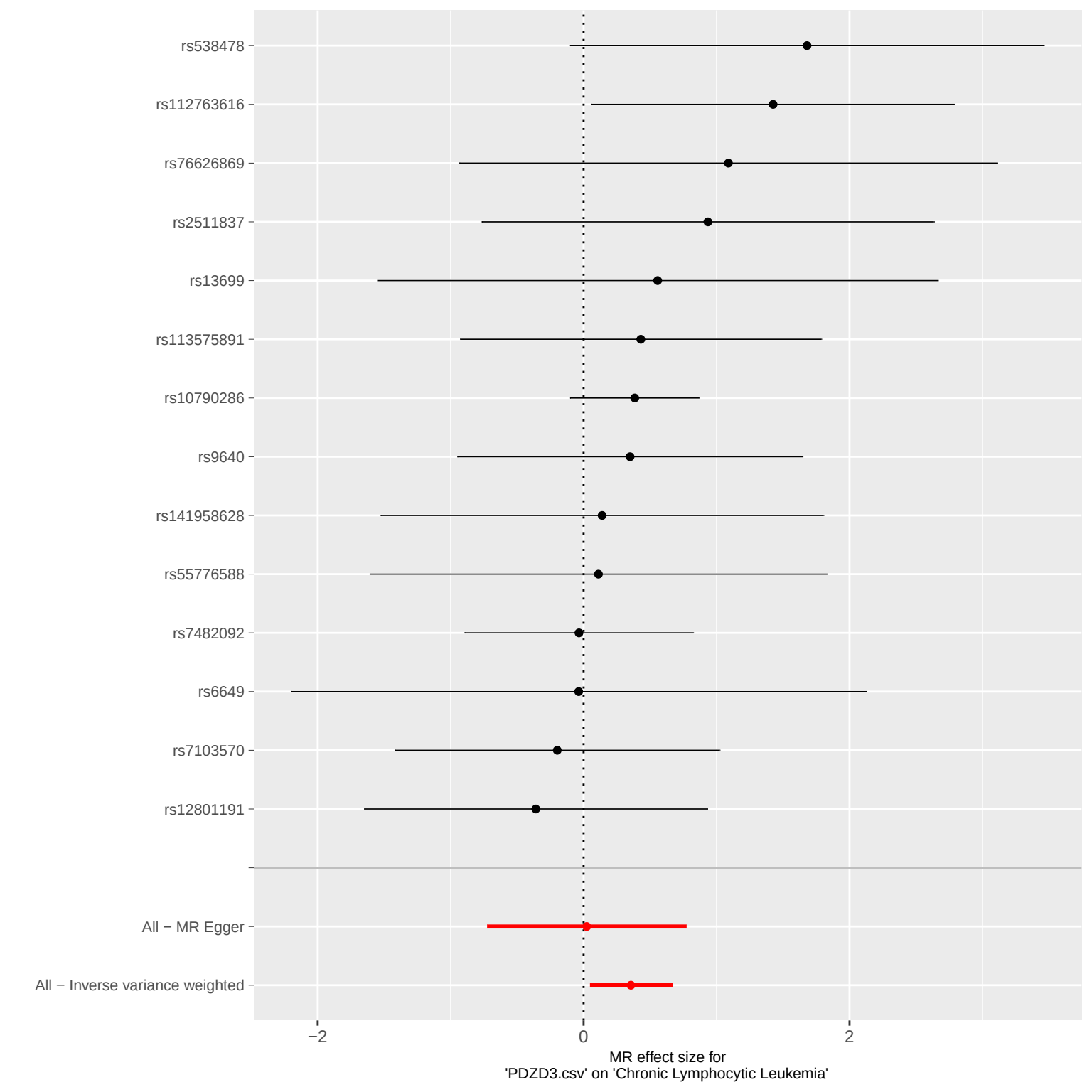
2
4
MR effect size for
'PDXK.csv' on 'Chronic Lymphocytic Leukemia'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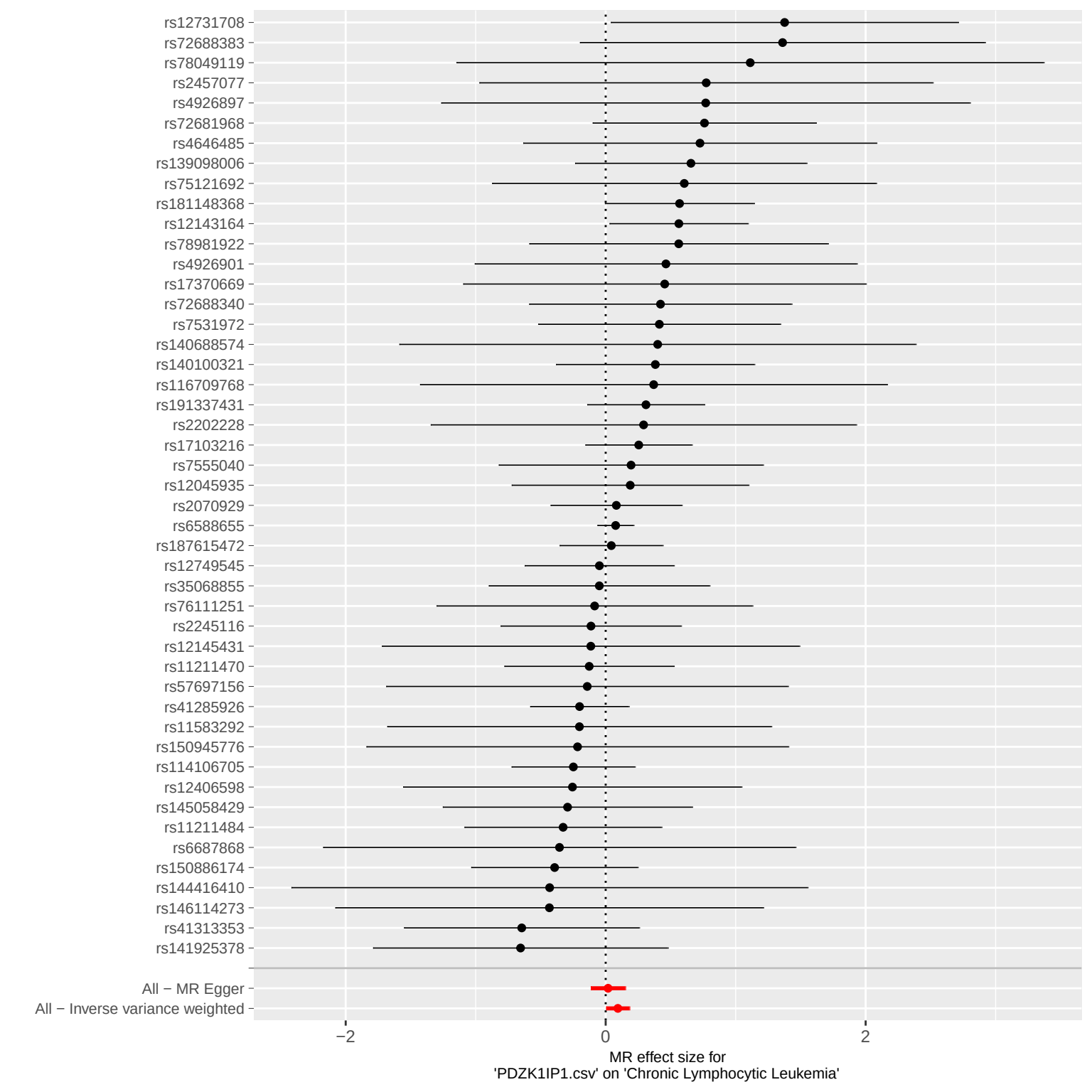
rs6649
rs7103570
rs12801191
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PDZD3.csv' on 'Chronic Lymphocytic Leukemia'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rs11211484
rs6687868
rs150886174
rs144416410
rs146114273
rs41313353
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All − Inverse variance weighted
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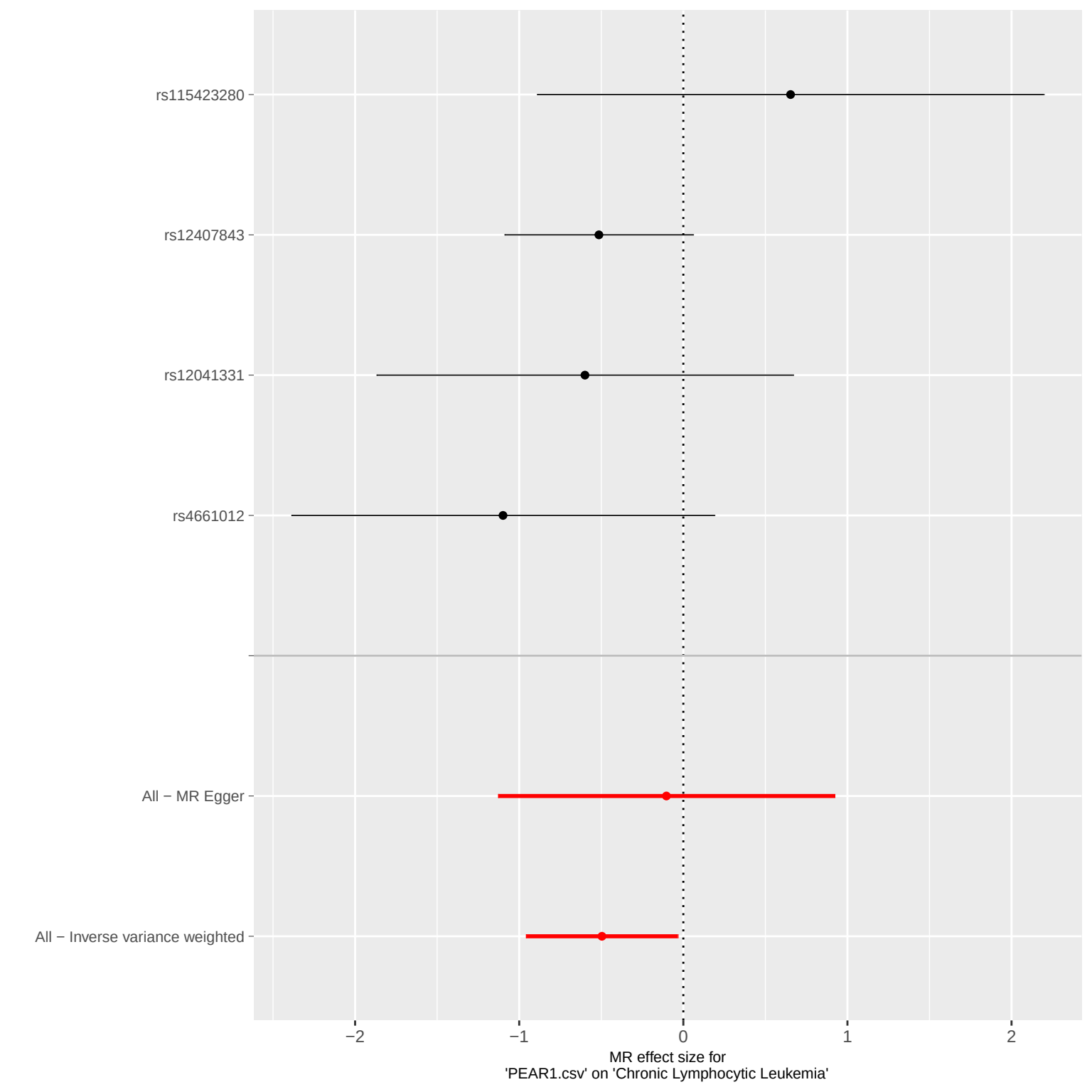
MR effect size for
'PDZK1IP1.csv' on 'Chronic Lymphocytic Leukemia'


rs115423280
rs12407843
rs12041331
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All − MR Egger
All − Inverse variance weighted
−2
−1
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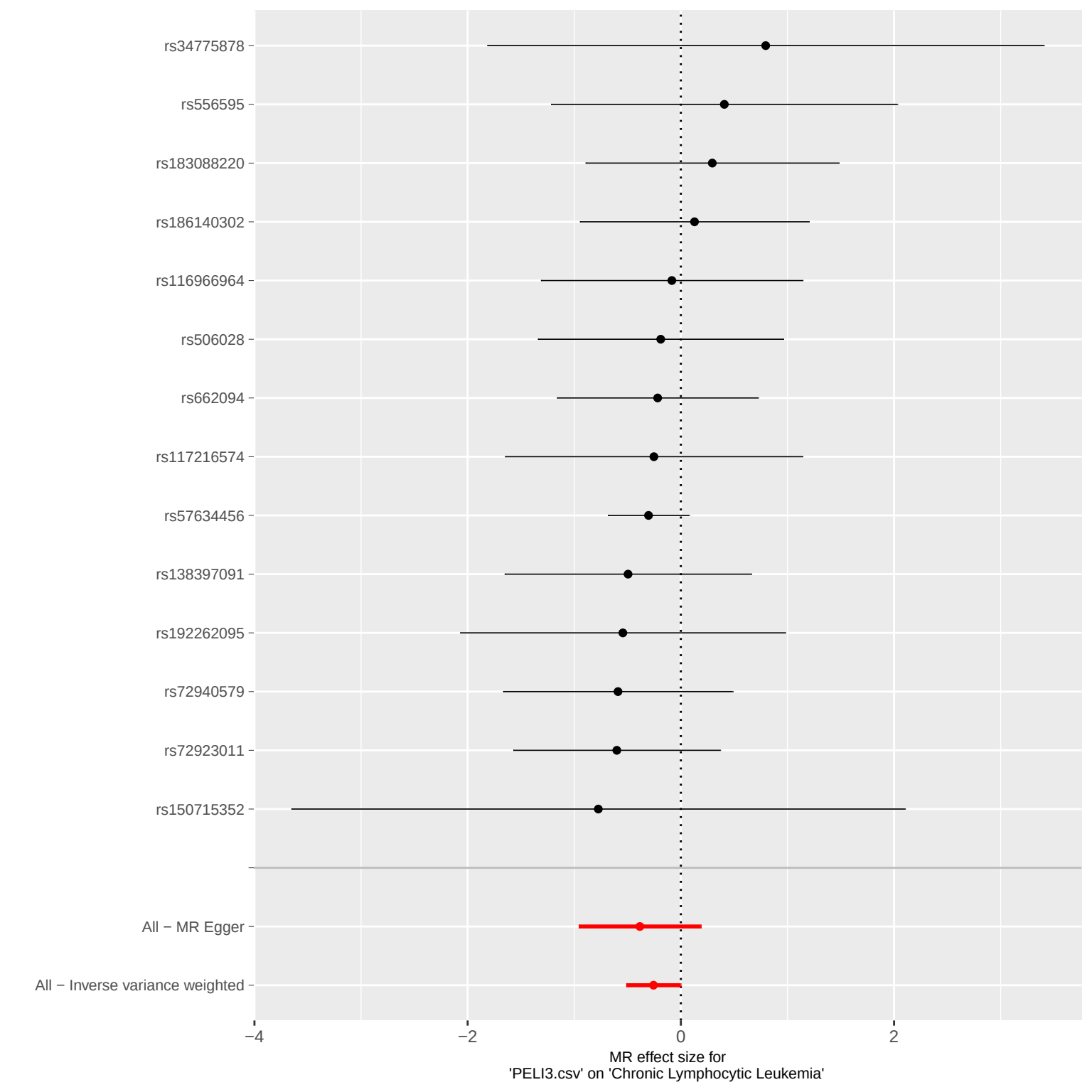
MR effect size for
'PEAR1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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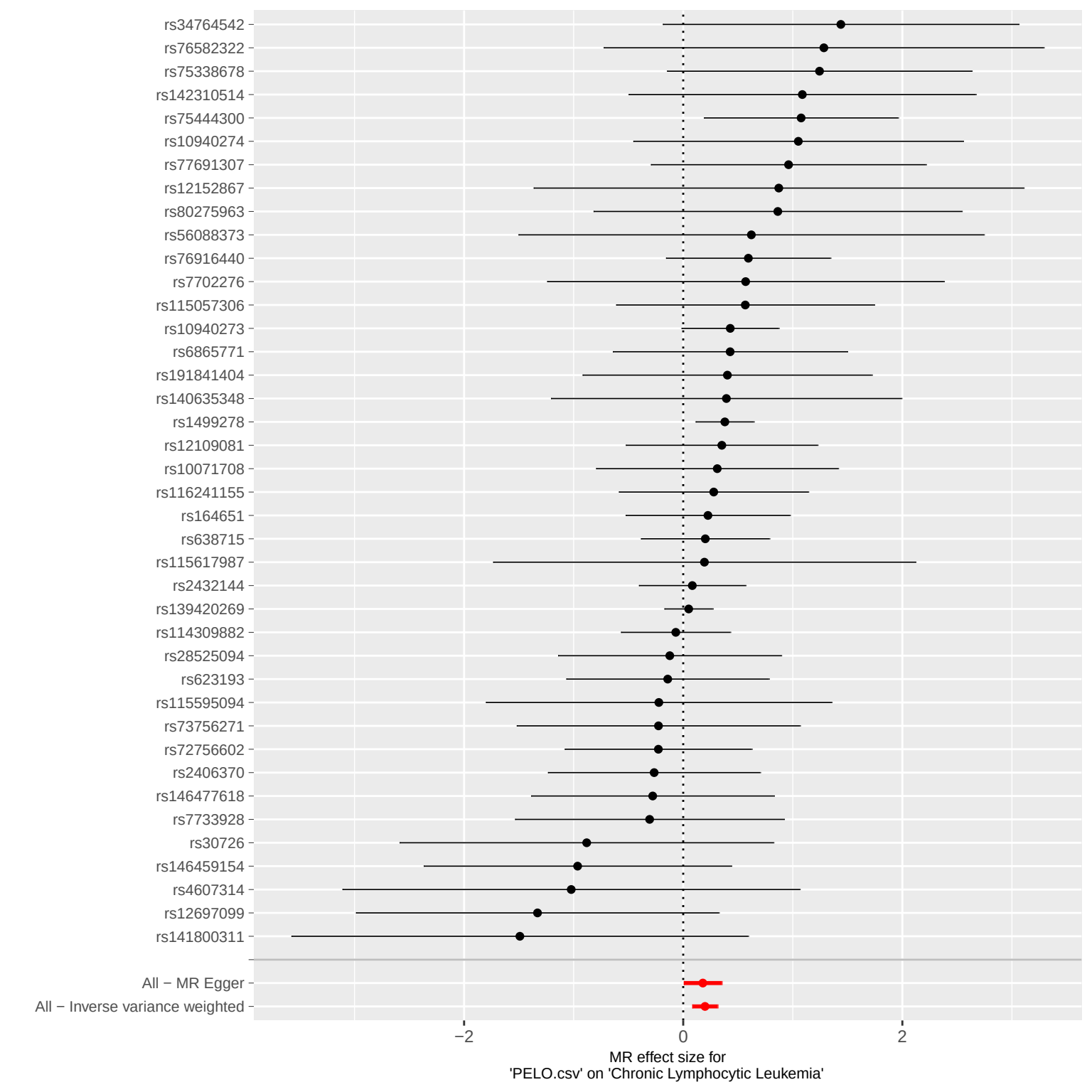
MR effect size for
'PELI3.csv' on 'Chronic Lymphocytic Leukemia'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rs638715
rs115617987
rs2432144
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rs7733928
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rs146459154
rs4607314
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All − MR Egger
All − Inverse variance weighted
−2
0
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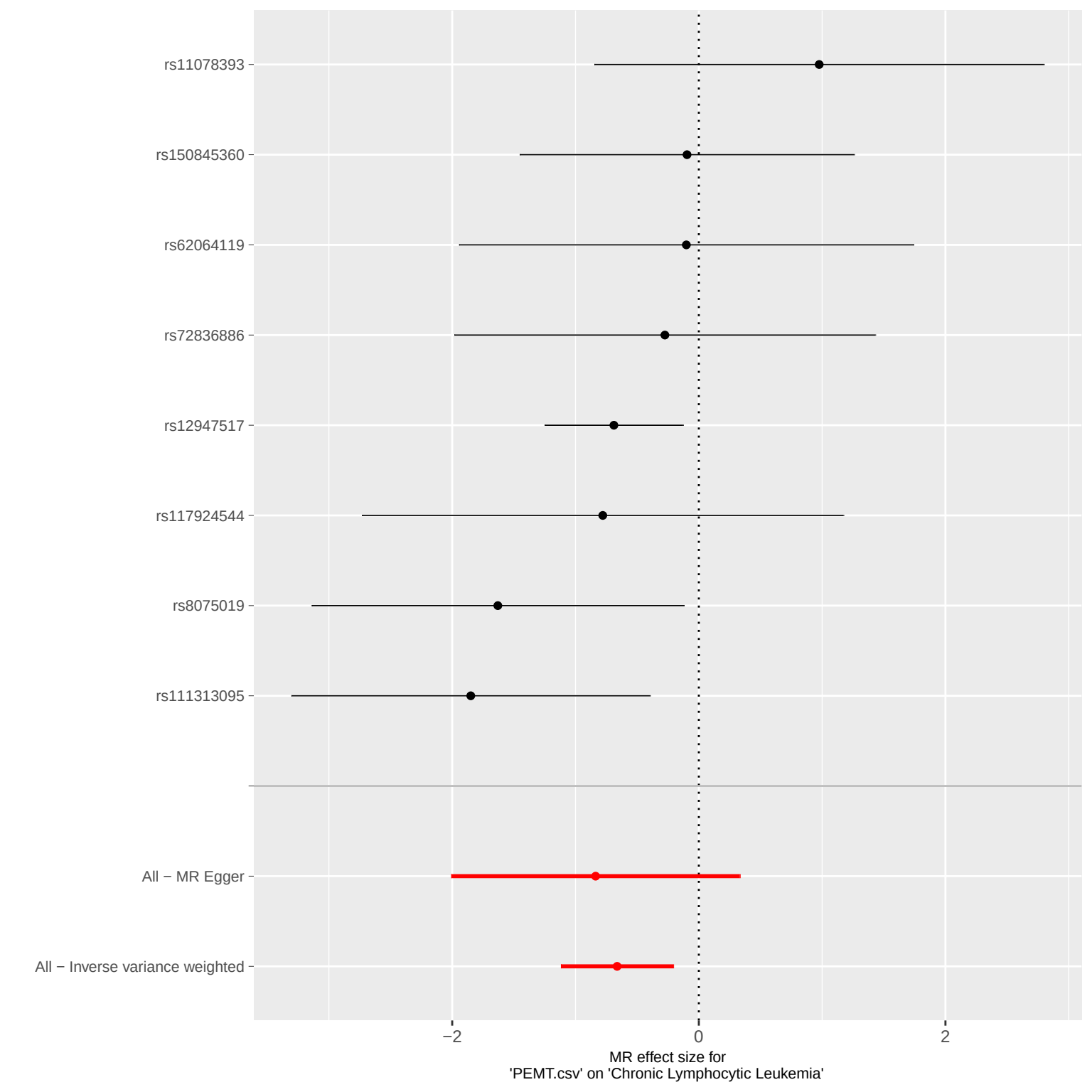
MR effect size for
'PELO.csv' on 'Chronic Lymphocytic Leukemia'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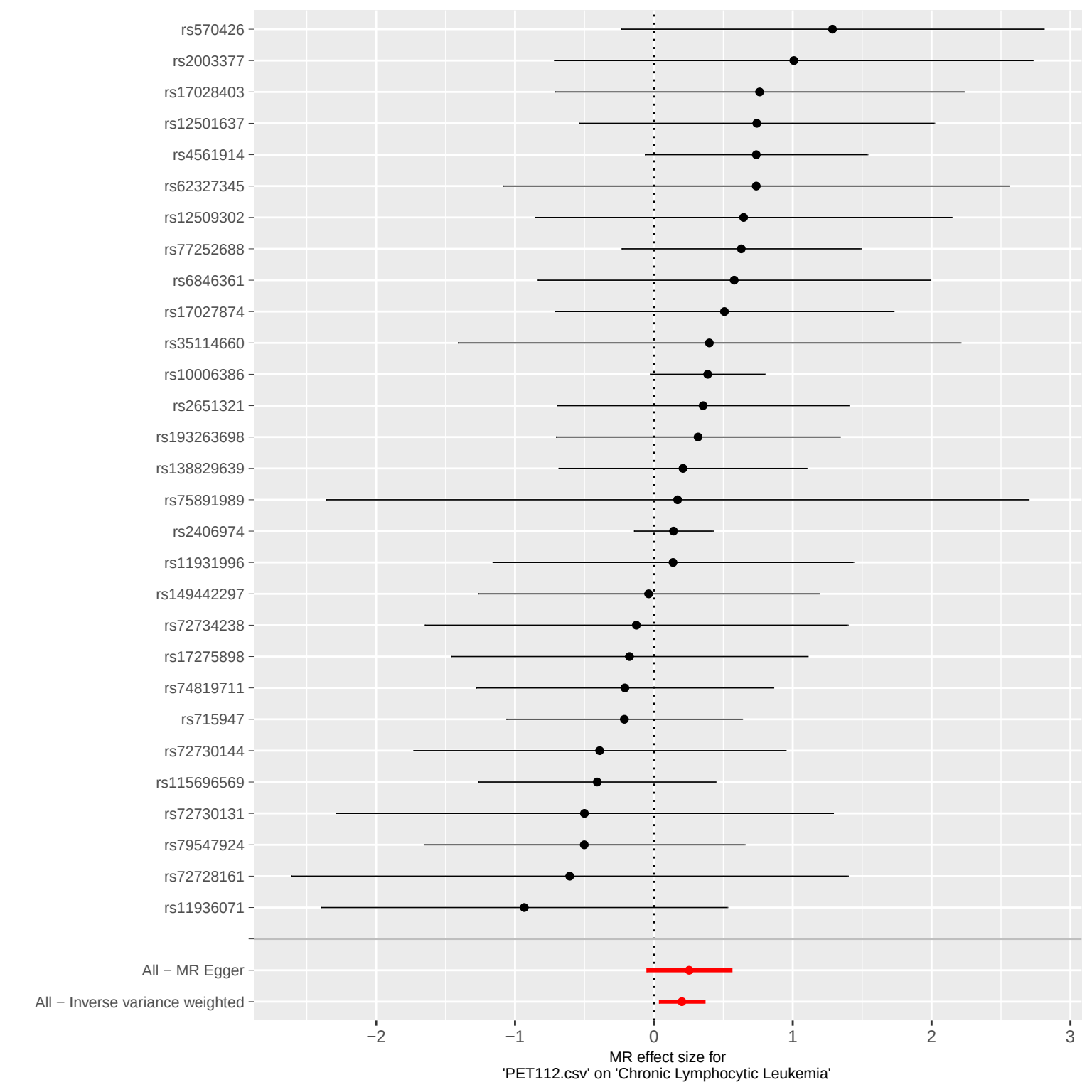
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PEMT.csv' on 'Chronic Lymphocytic Leukemia'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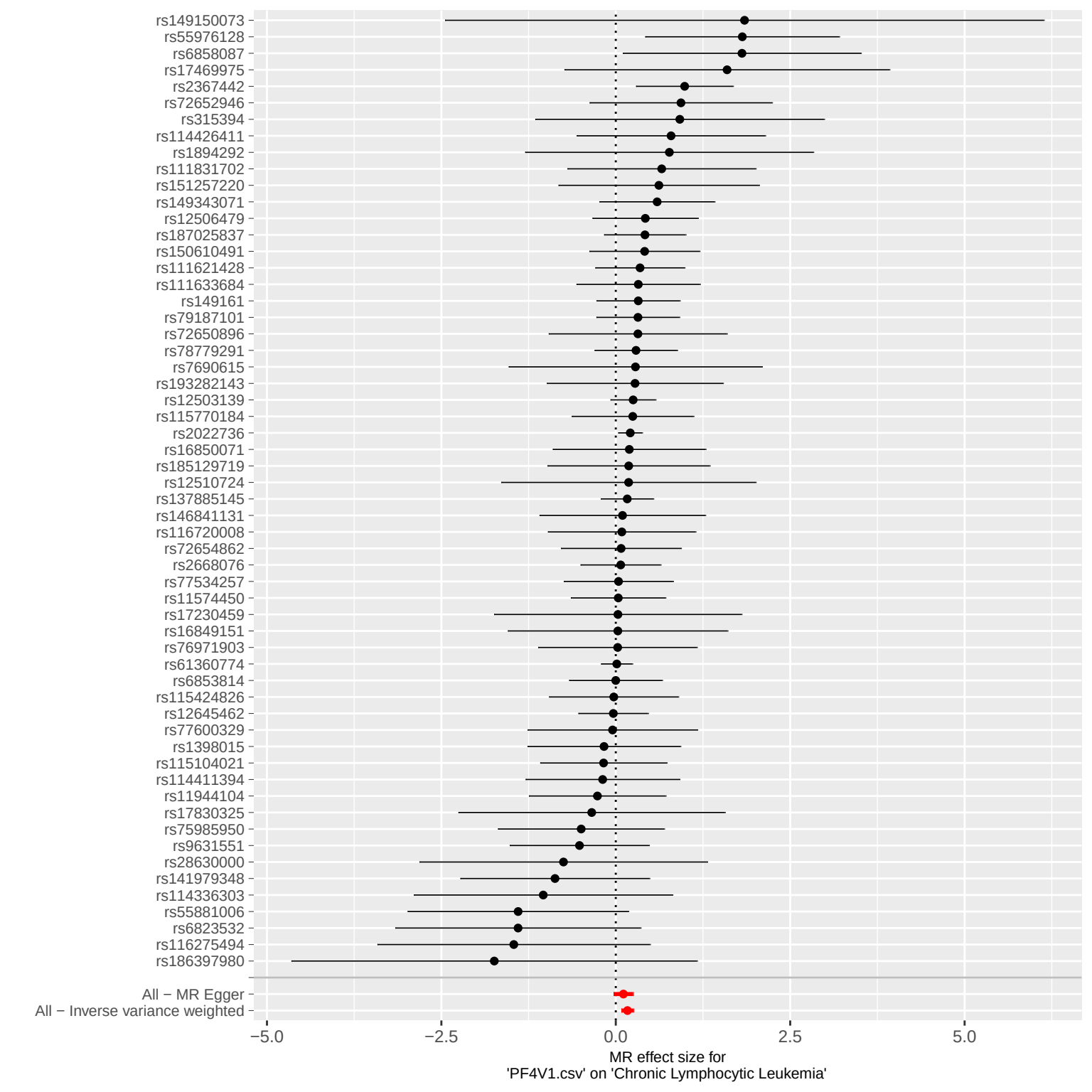
rs17275898
rs74819711
rs715947
rs72730144
rs115696569
rs72730131
rs79547924
rs72728161
rs11936071
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'PET112.csv' on 'Chronic Lymphocytic Leukemia'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rs149343071
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rs187025837
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rs111621428
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rs149161
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rs9631551
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rs55881006
rs6823532
rs116275494
rs186397980
All − MR Egger
All − Inverse variance weighted
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−2.5
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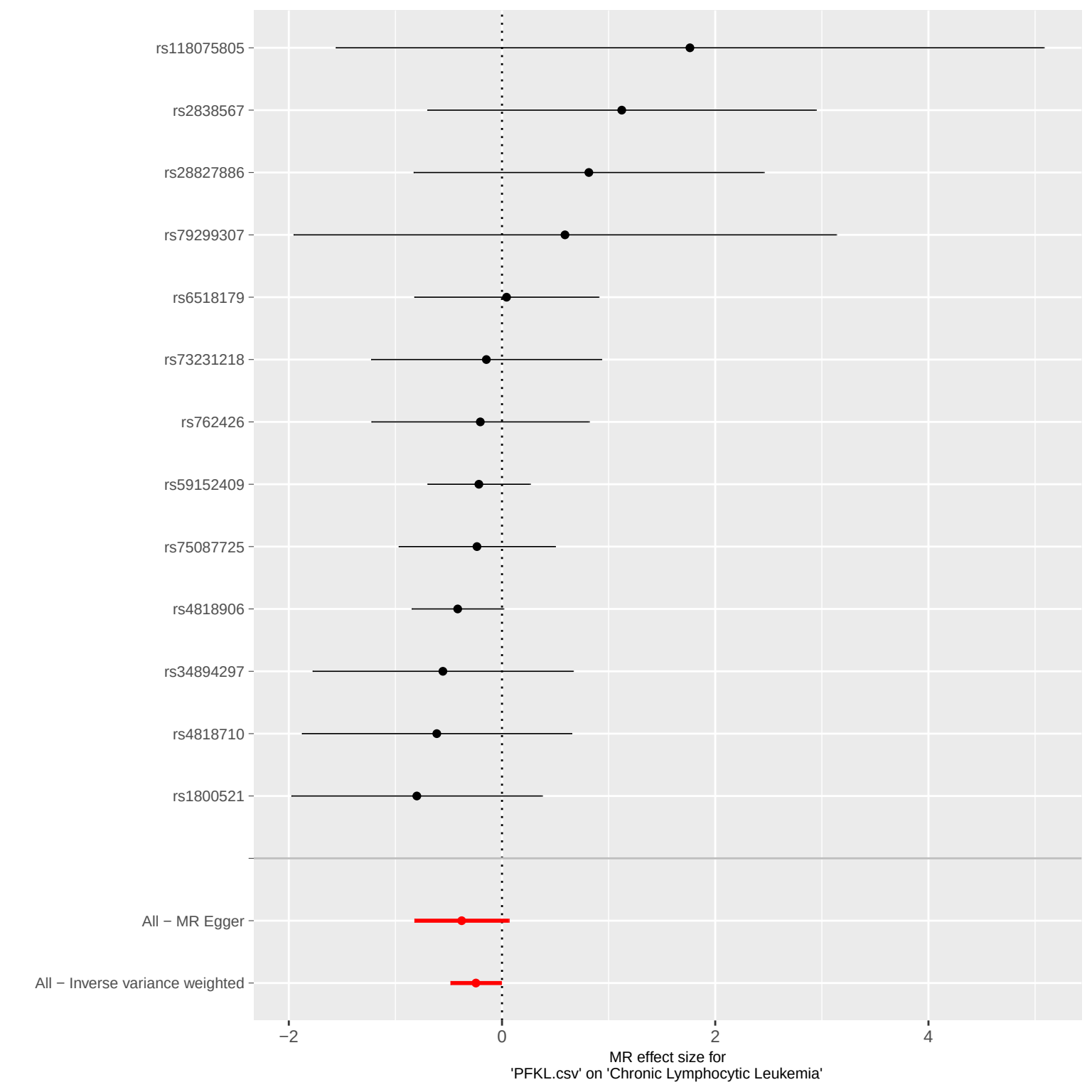
2.5
5.0
MR effect size for
'PF4V1.csv' on 'Chronic Lymphocytic Leukemia'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rs34894297
rs4818710
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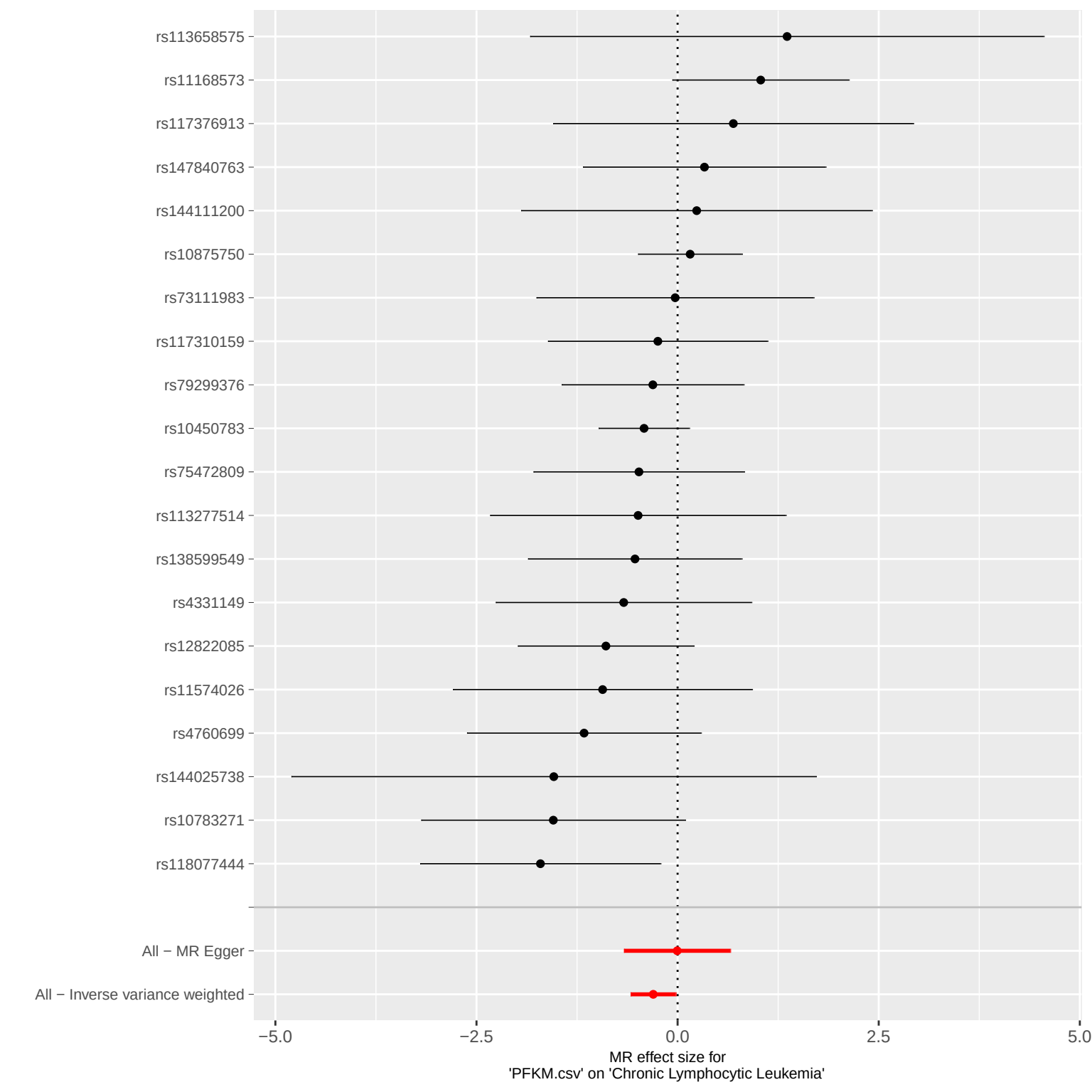
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PFKL.csv' on 'Chronic Lymphocytic Leukemia'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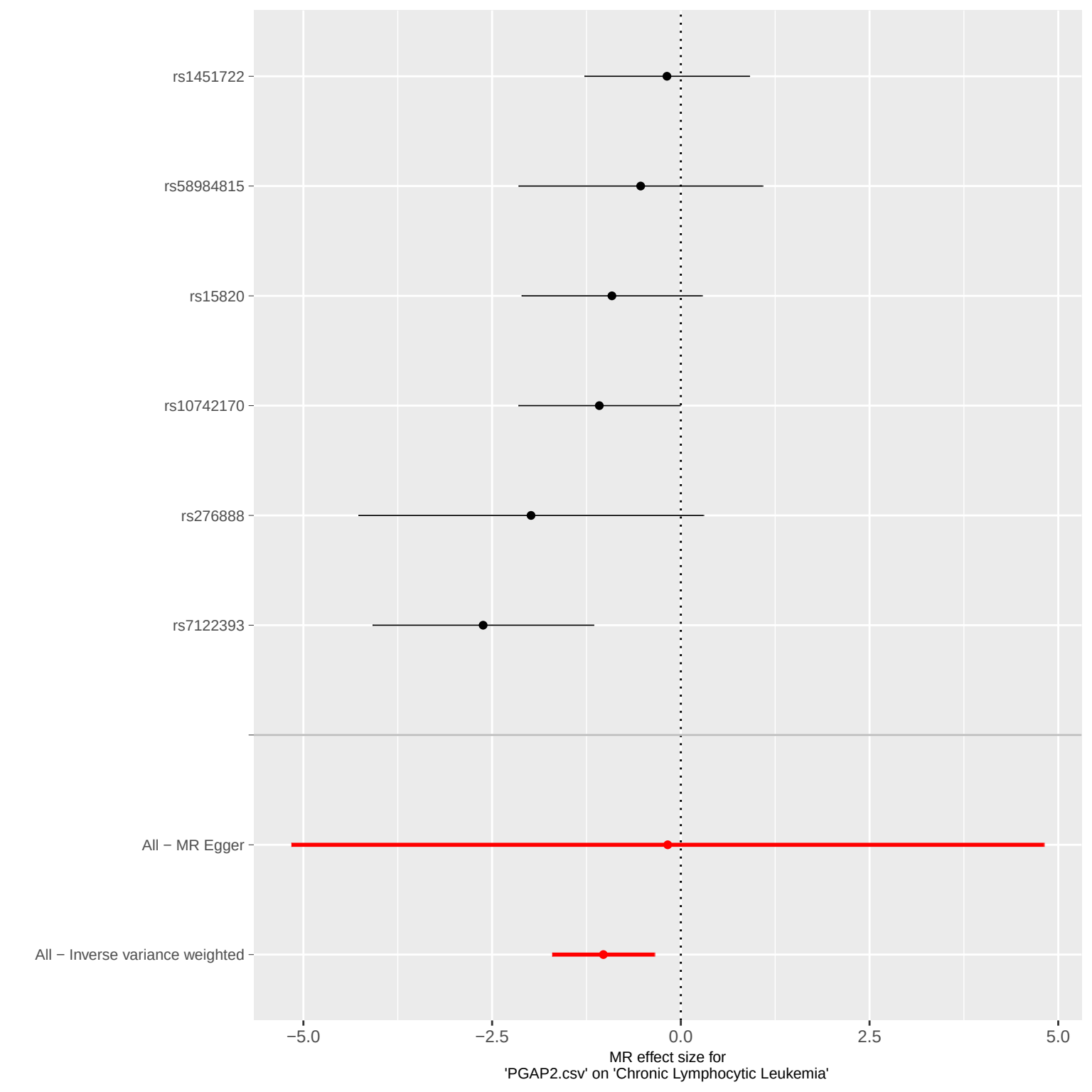
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PFKM.csv' on 'Chronic Lymphocytic Leukemia'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rs276888
rs7122393
All − MR Egger
All − Inverse variance weighted
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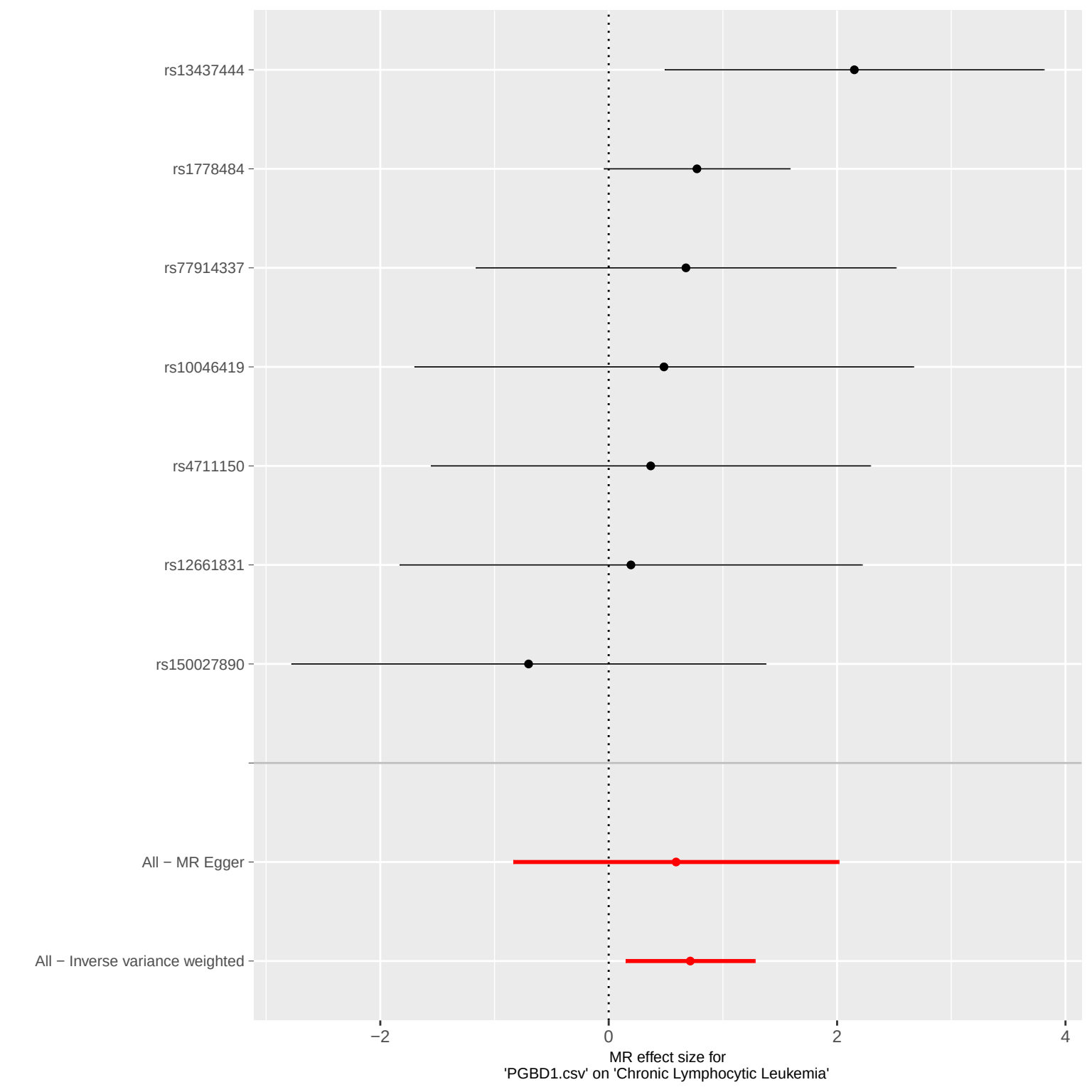
−2.5
0.0
2.5
5.0
MR effect size for
'PGAP2.csv' on 'Chronic Lymphocytic Leukemia'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rs1778484
rs77914337
rs10046419
rs4711150
rs12661831
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All − MR Egger
All − Inverse variance weighted
−2
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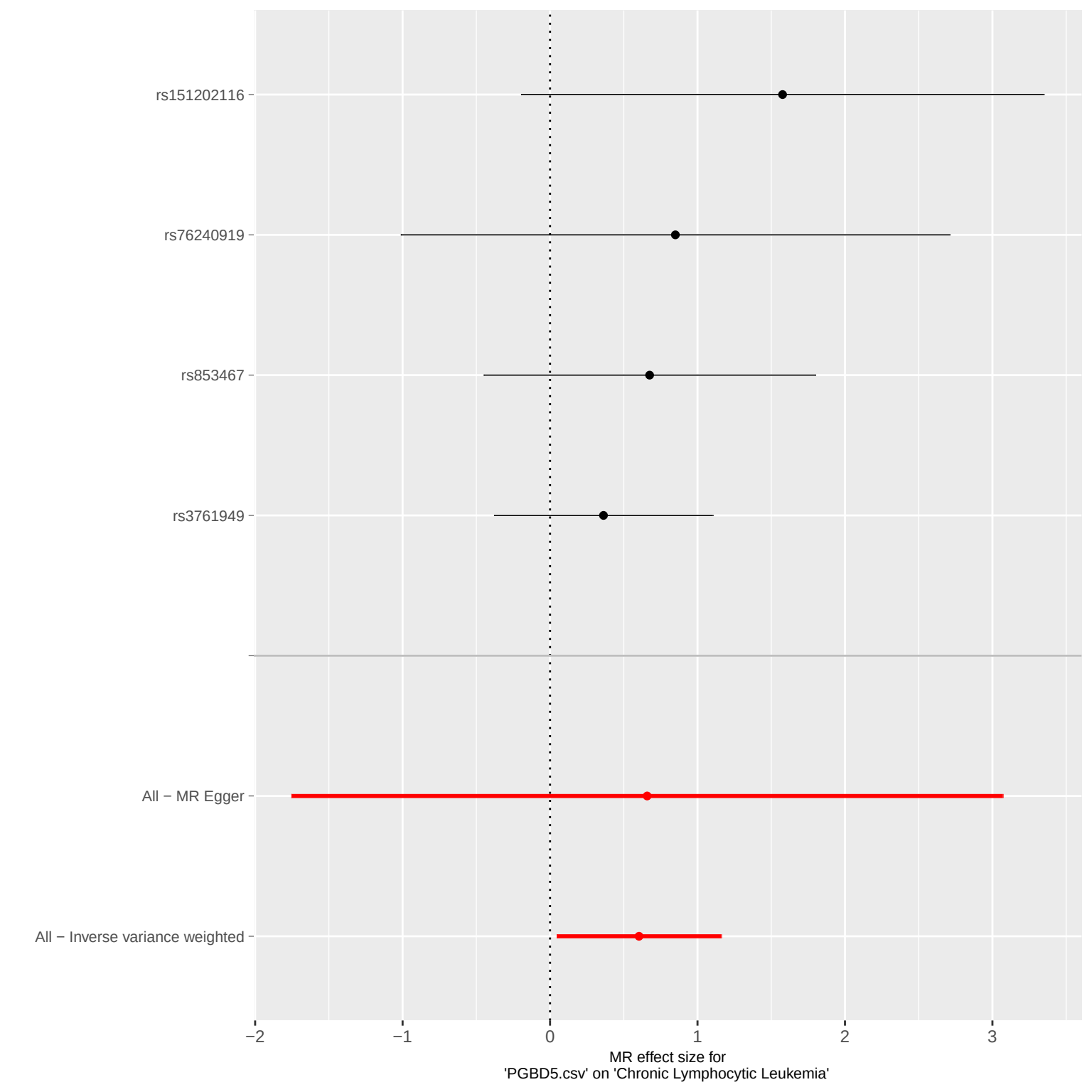
2
4
MR effect size for
'PGBD1.csv' on 'Chronic Lymphocytic Leukemia'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rs853467
rs3761949
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All − Inverse variance weighted
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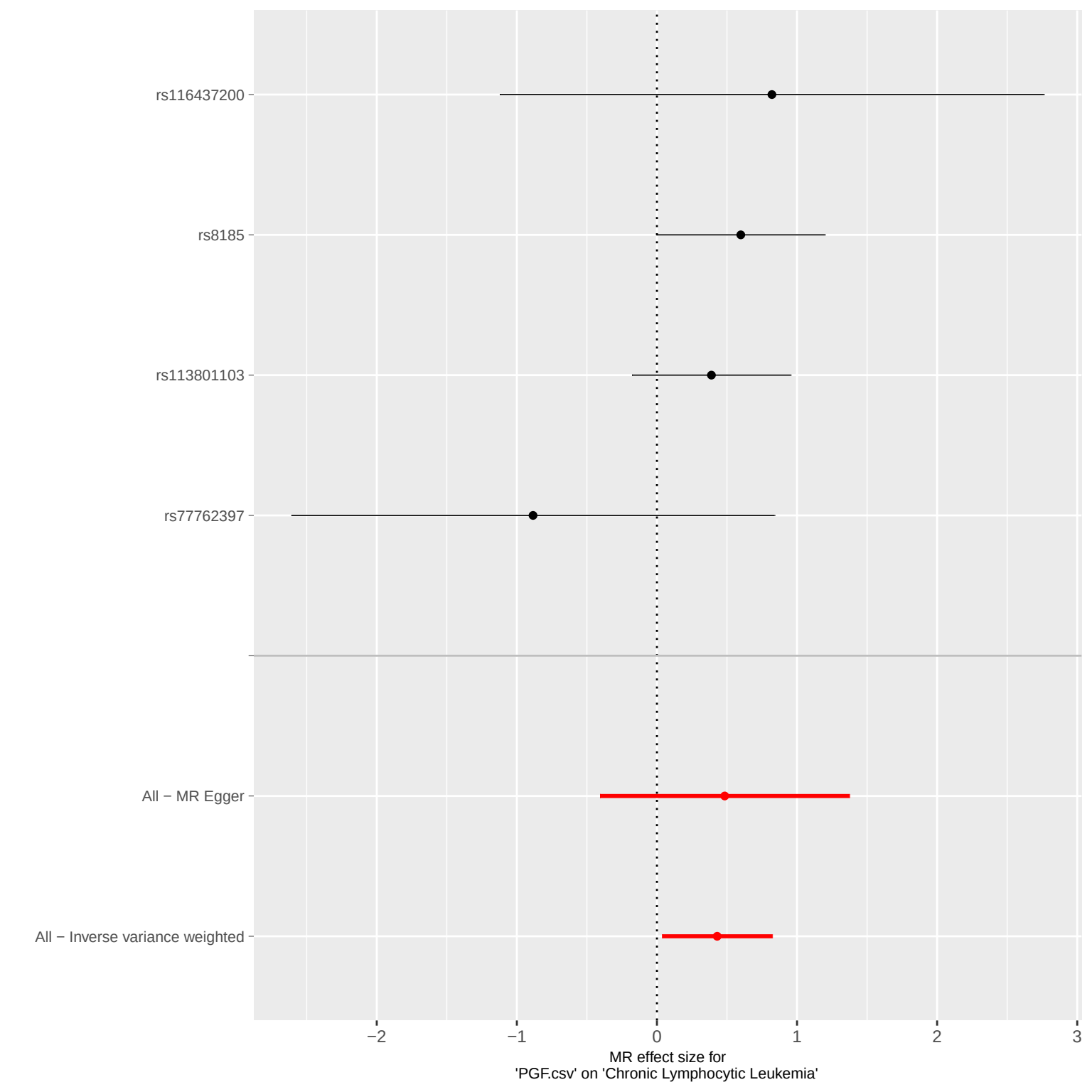
−1
0
1
2
3
MR effect size for
'PGBD5.csv' on 'Chronic Lymphocytic Leukemia'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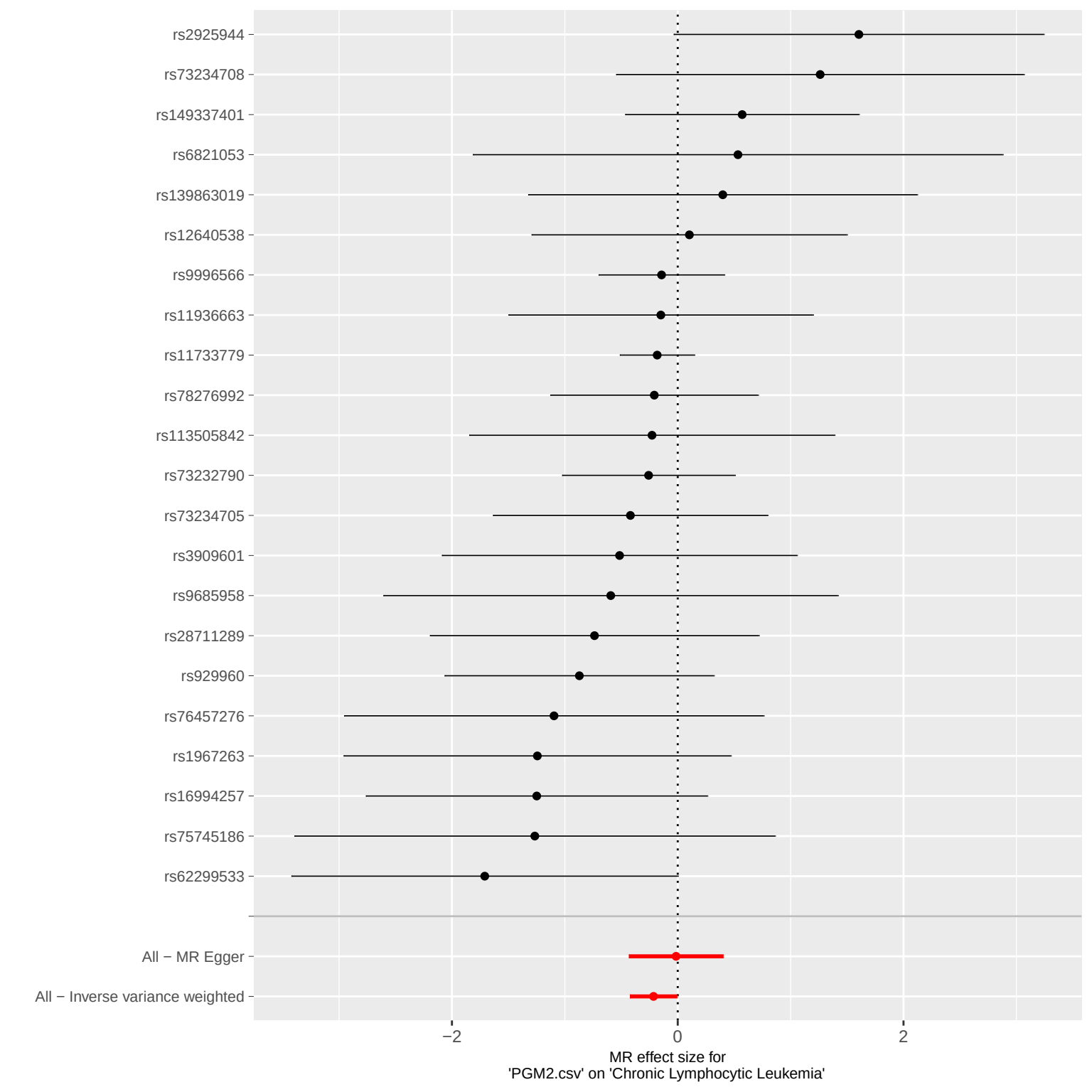
rs8185
rs113801103
rs77762397
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'PGF.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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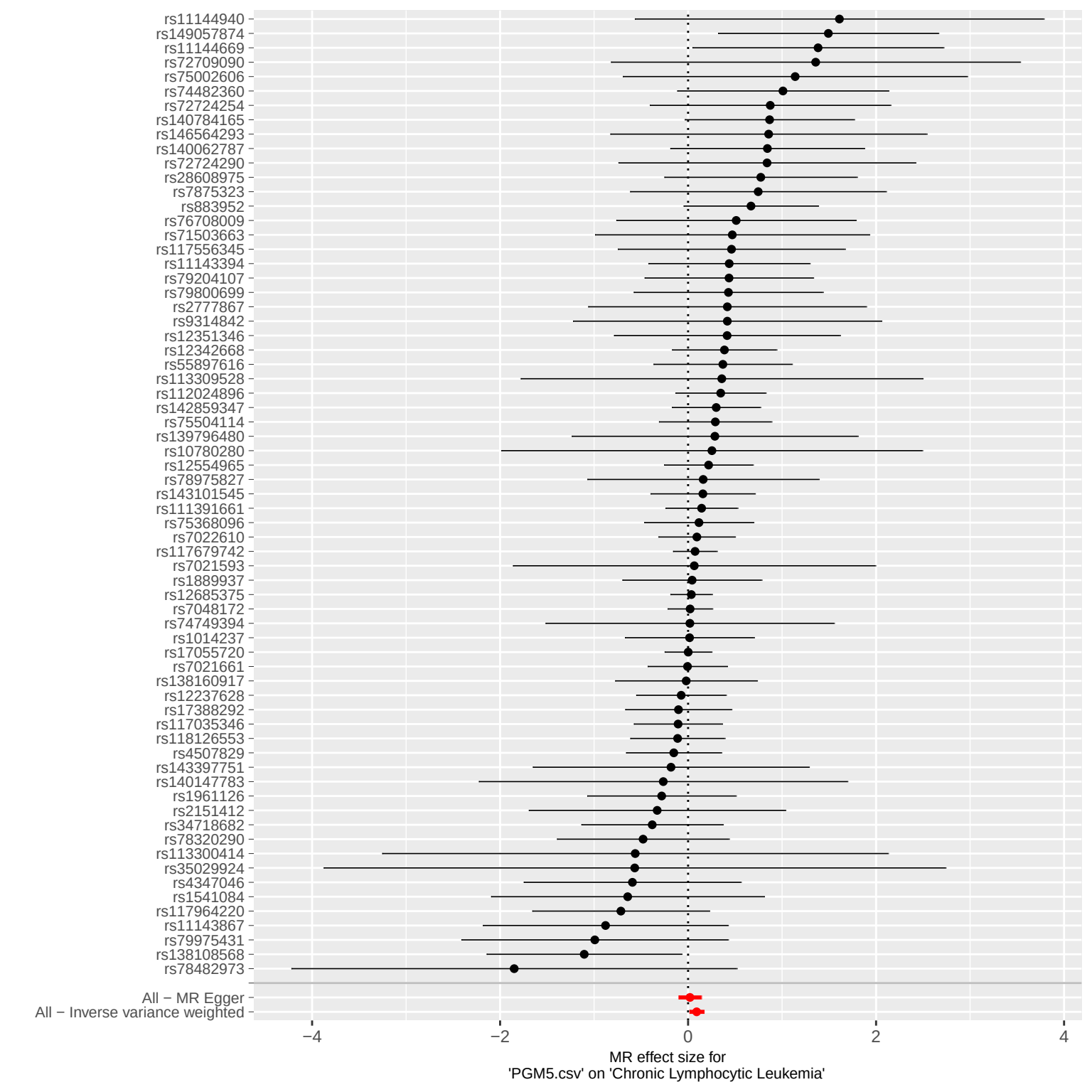
2
MR effect size for
'PGM2.csv' on 'Chronic Lymphocytic Leukemia'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rs11143867
rs79975431
rs138108568
rs78482973
All − MR Egger
All − Inverse variance weighted
−4
−2
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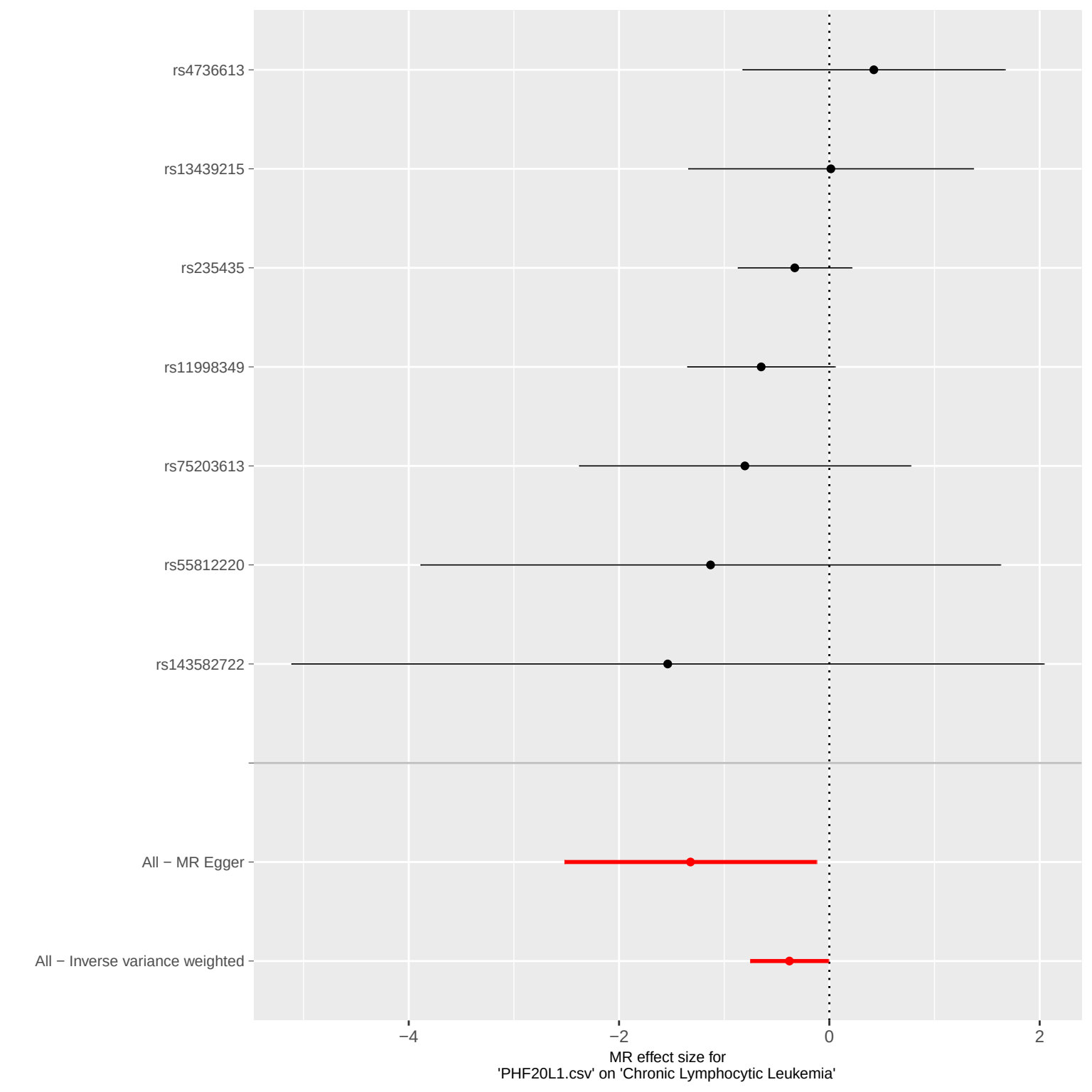
2
4
MR effect size for
'PGM5.csv' on 'Chronic Lymphocytic Leukemia'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rs75203613
rs55812220
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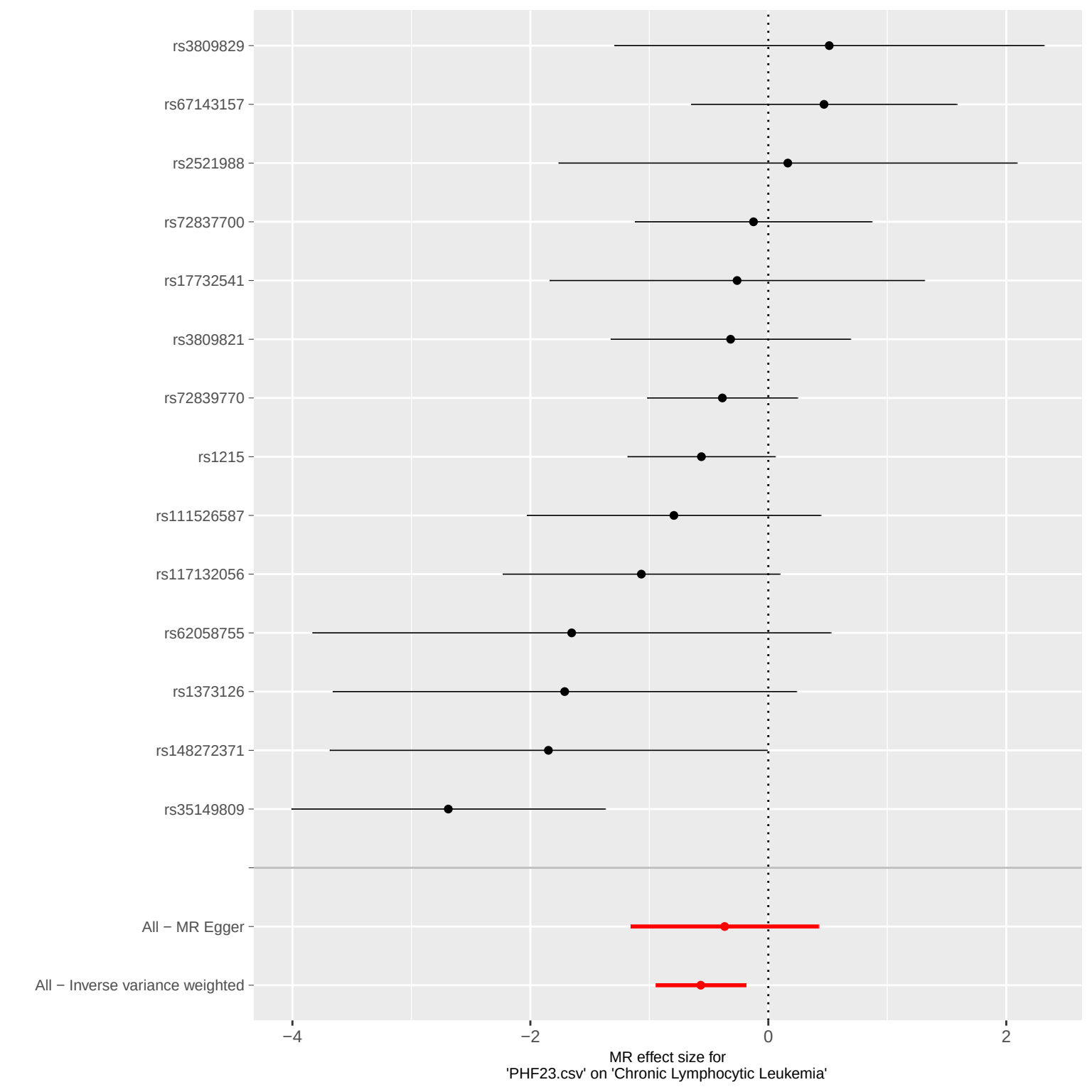
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PHF20L1.csv' on 'Chronic Lymphocytic Leukemia'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rs1373126
rs148272371
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All − MR Egger
All − Inverse variance weighted
−4
−2
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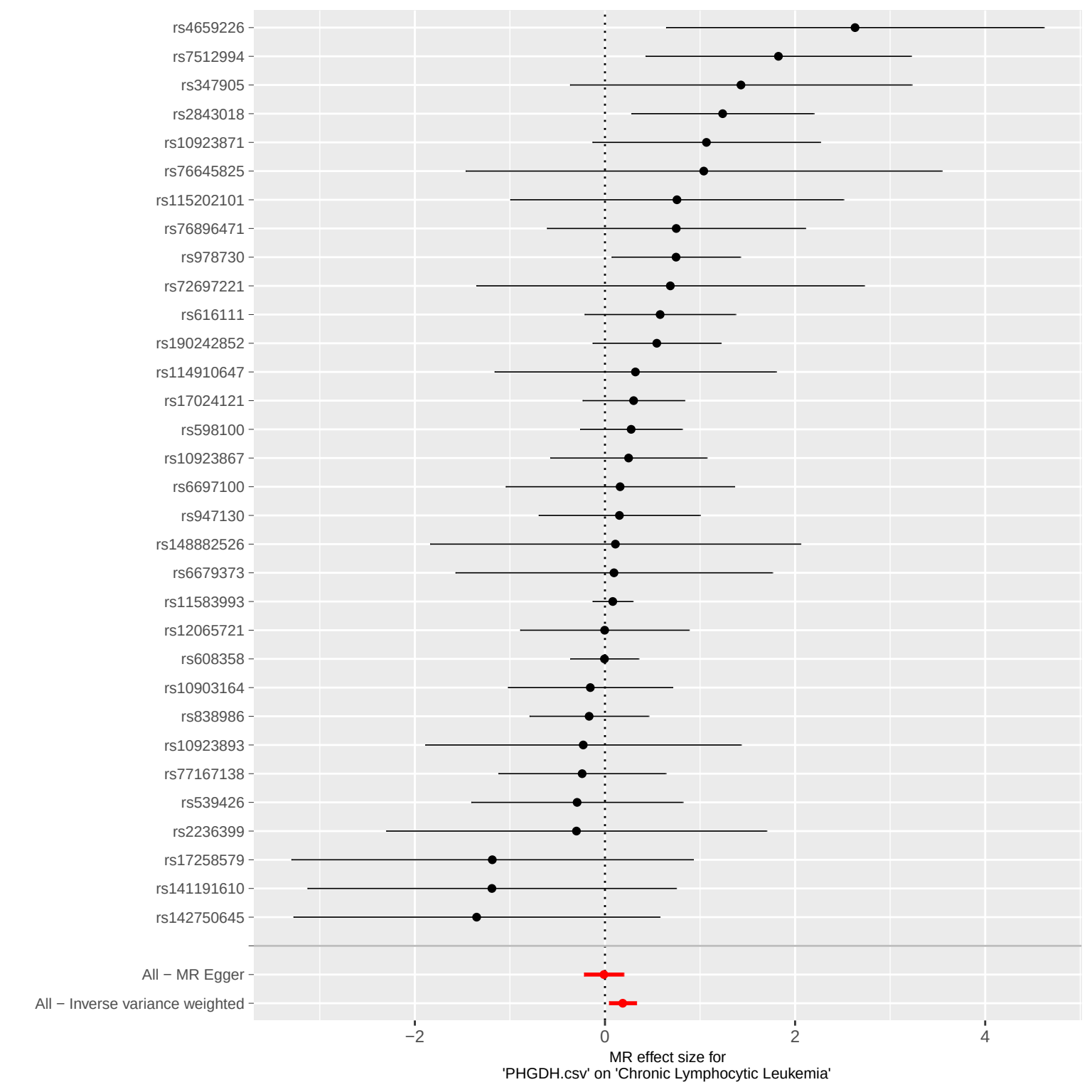
MR effect size for
'PHF23.csv' on 'Chronic Lymphocytic Leukemia'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rs17024121
rs598100
rs10923867
rs6697100
rs947130
rs148882526
rs6679373
rs11583993
rs12065721
rs608358
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rs10923893
rs77167138
rs539426
rs2236399
rs17258579
rs141191610
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All − Inverse variance weighted
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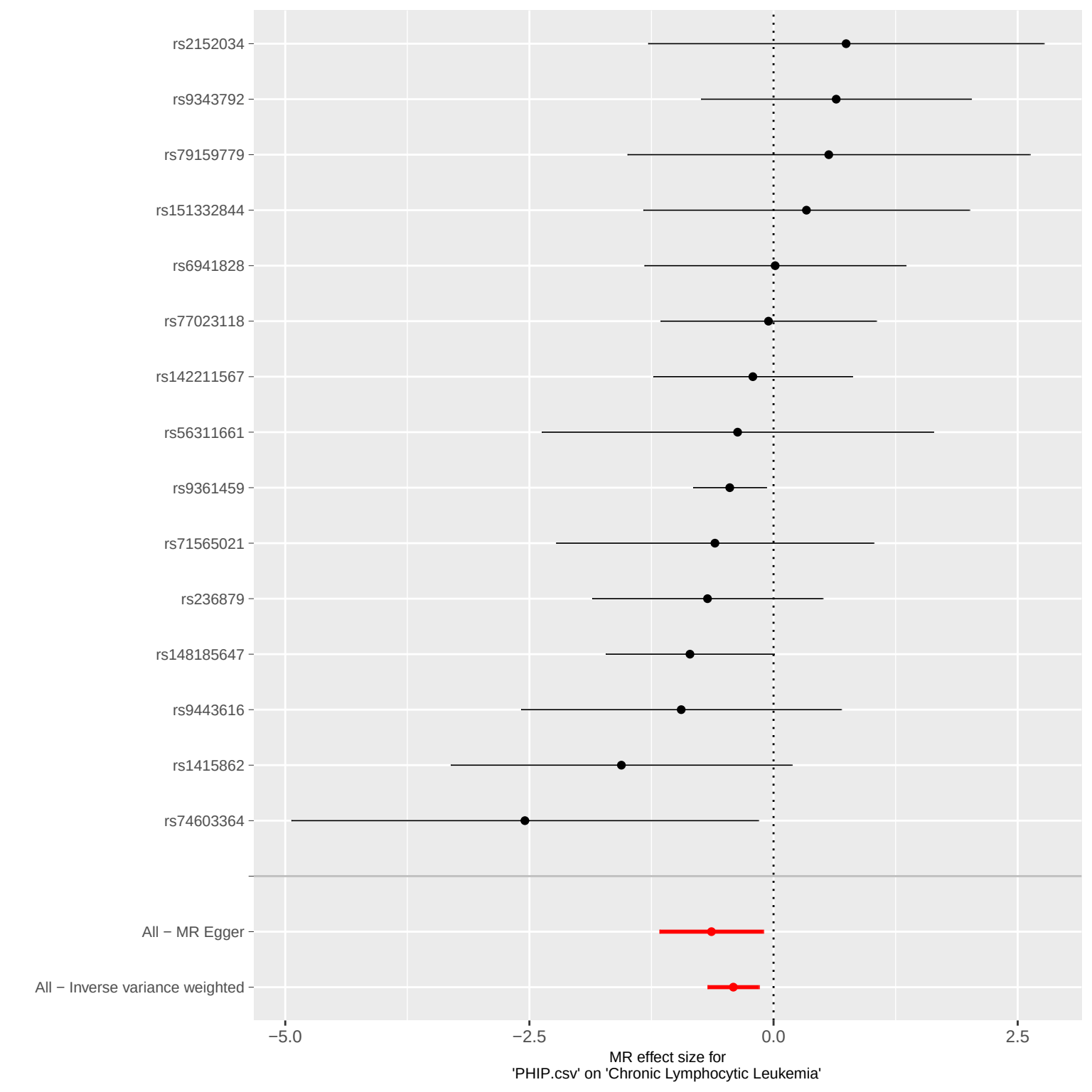
2
4
MR effect size for
'PHGDH.csv' on 'Chronic Lymphocytic Leukemia'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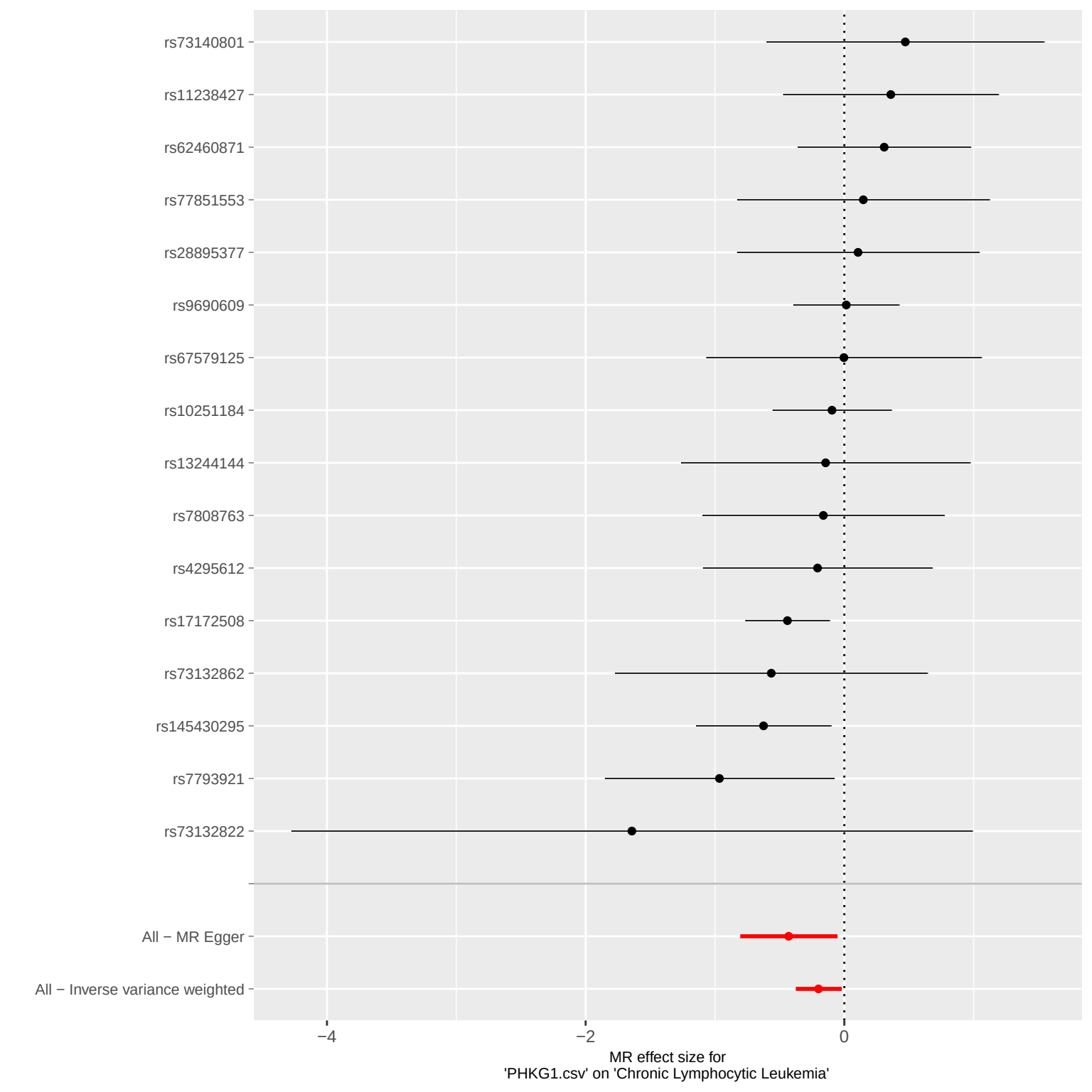
rs9443616
rs1415862
rs74603364
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PHIP.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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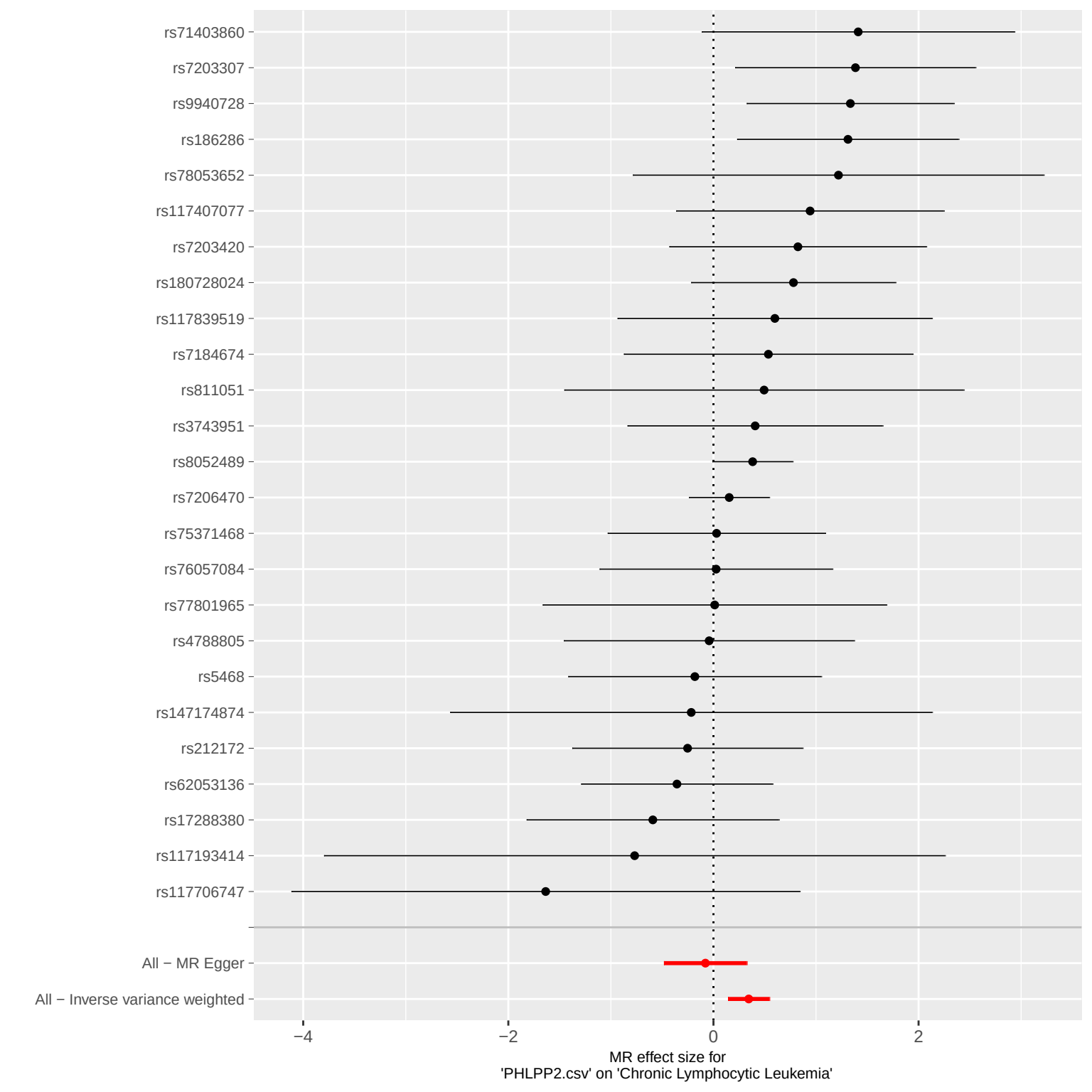
MR effect size for
'PHKG1.csv' on 'Chronic Lymphocytic Leukemia'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rs62053136
rs17288380
rs117193414
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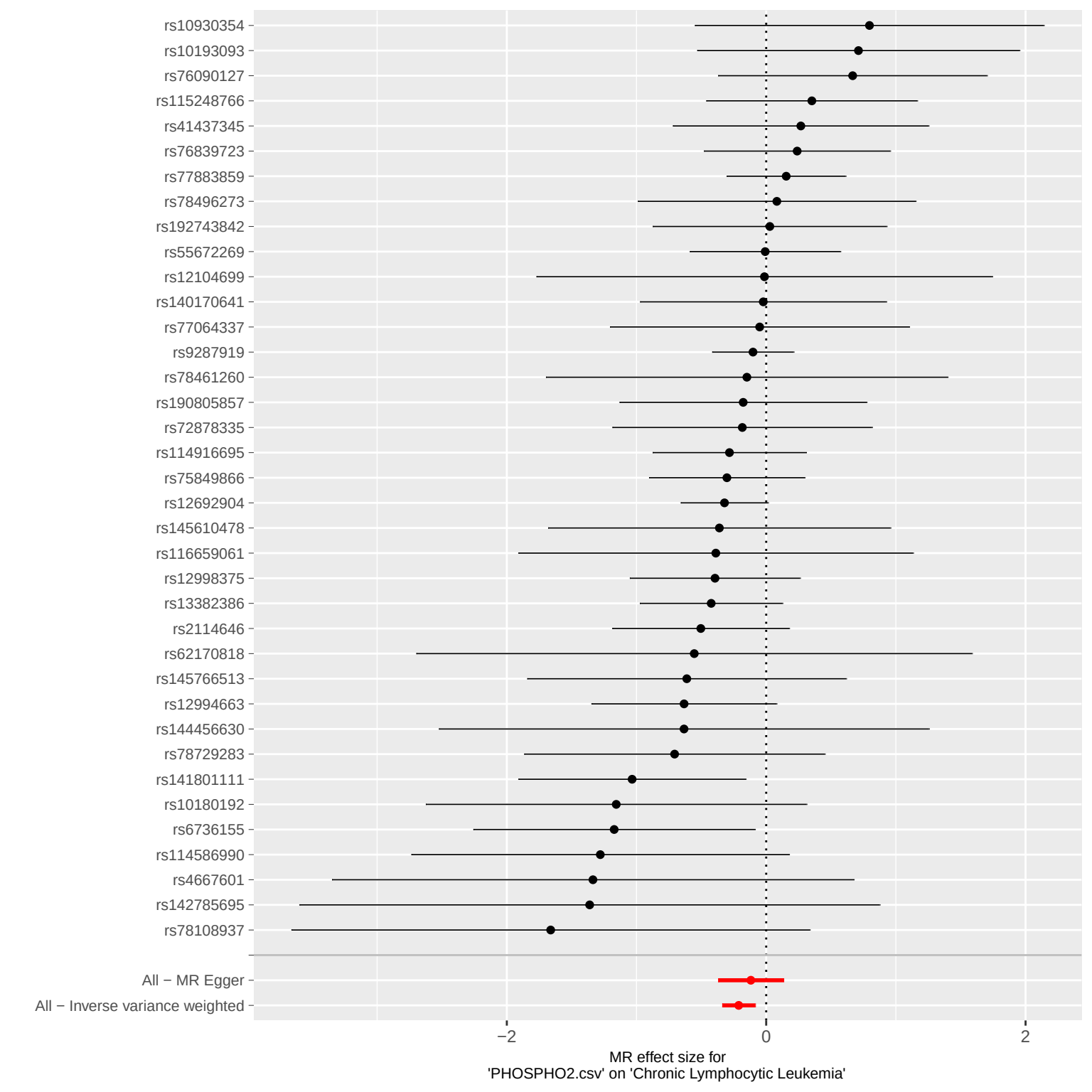
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PHLPP2.csv' on 'Chronic Lymphocytic Leukemia'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rs141801111
rs10180192
rs6736155
rs114586990
rs4667601
rs142785695
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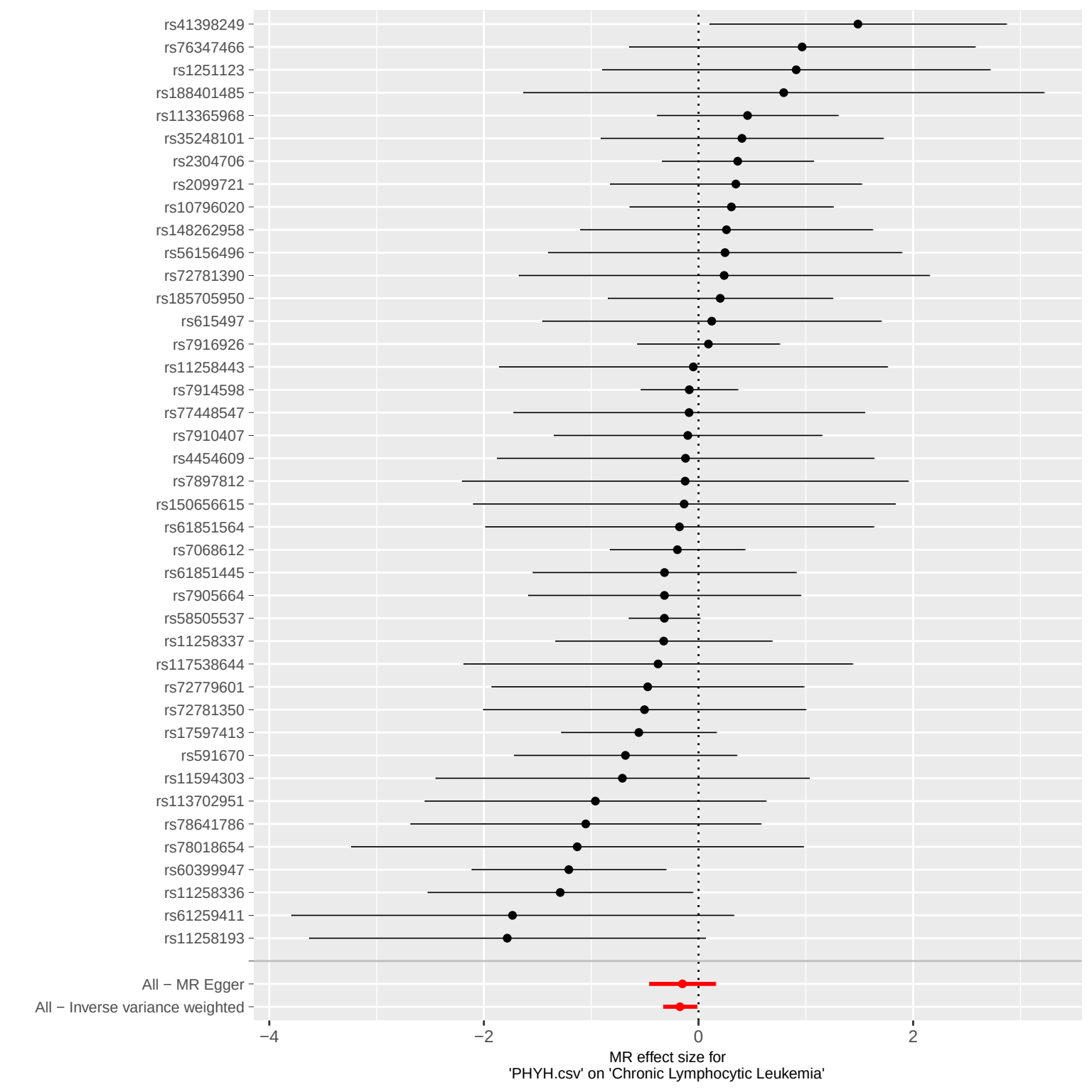
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PHOSPHO2.csv' on 'Chronic Lymphocytic Leukemia'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rs11594303
rs113702951
rs78641786
rs78018654
rs60399947
rs11258336
rs61259411
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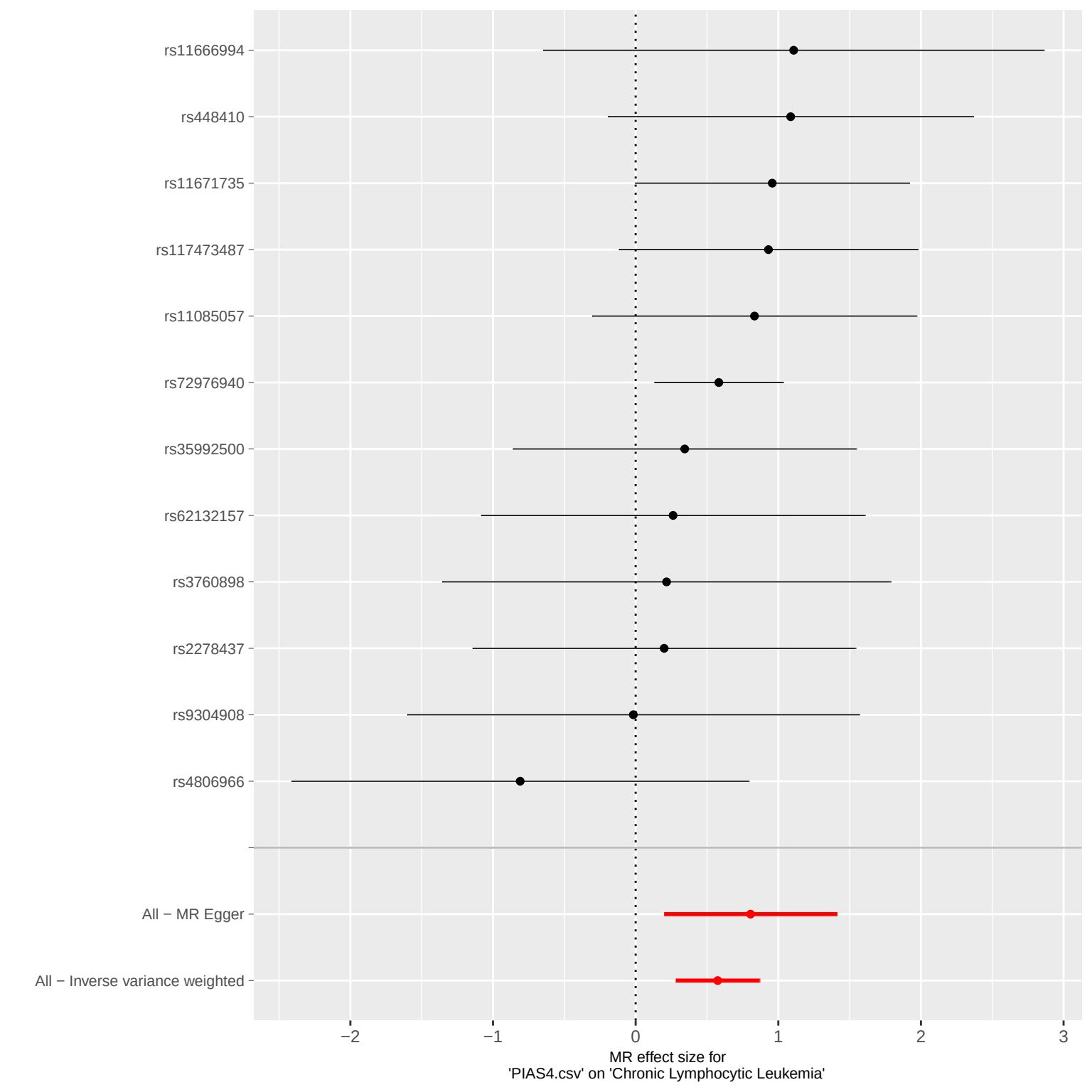
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PHYH.csv' on 'Chronic Lymphocytic Leukemia'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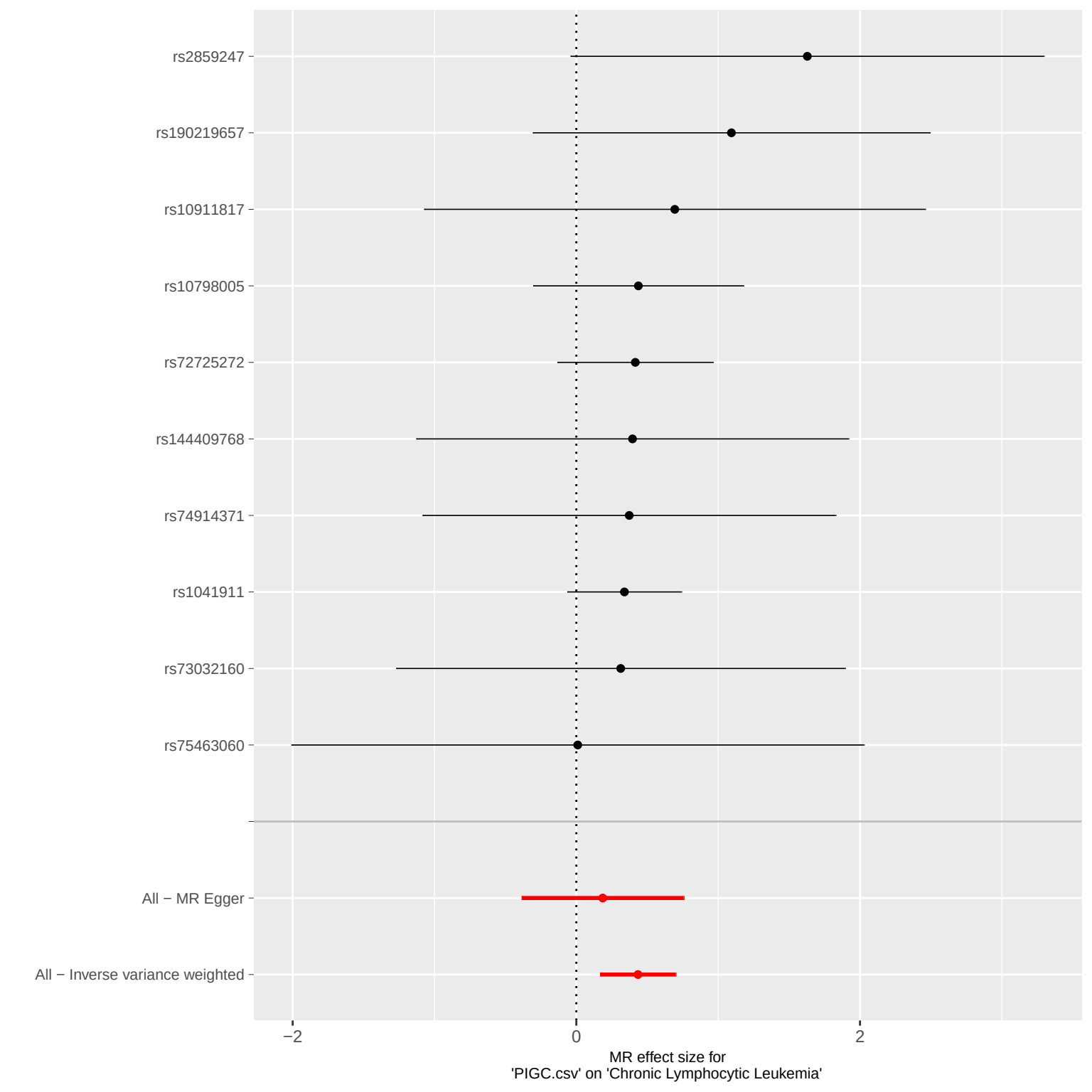
rs62132157
rs3760898
rs2278437
rs9304908
rs4806966
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'PIAS4.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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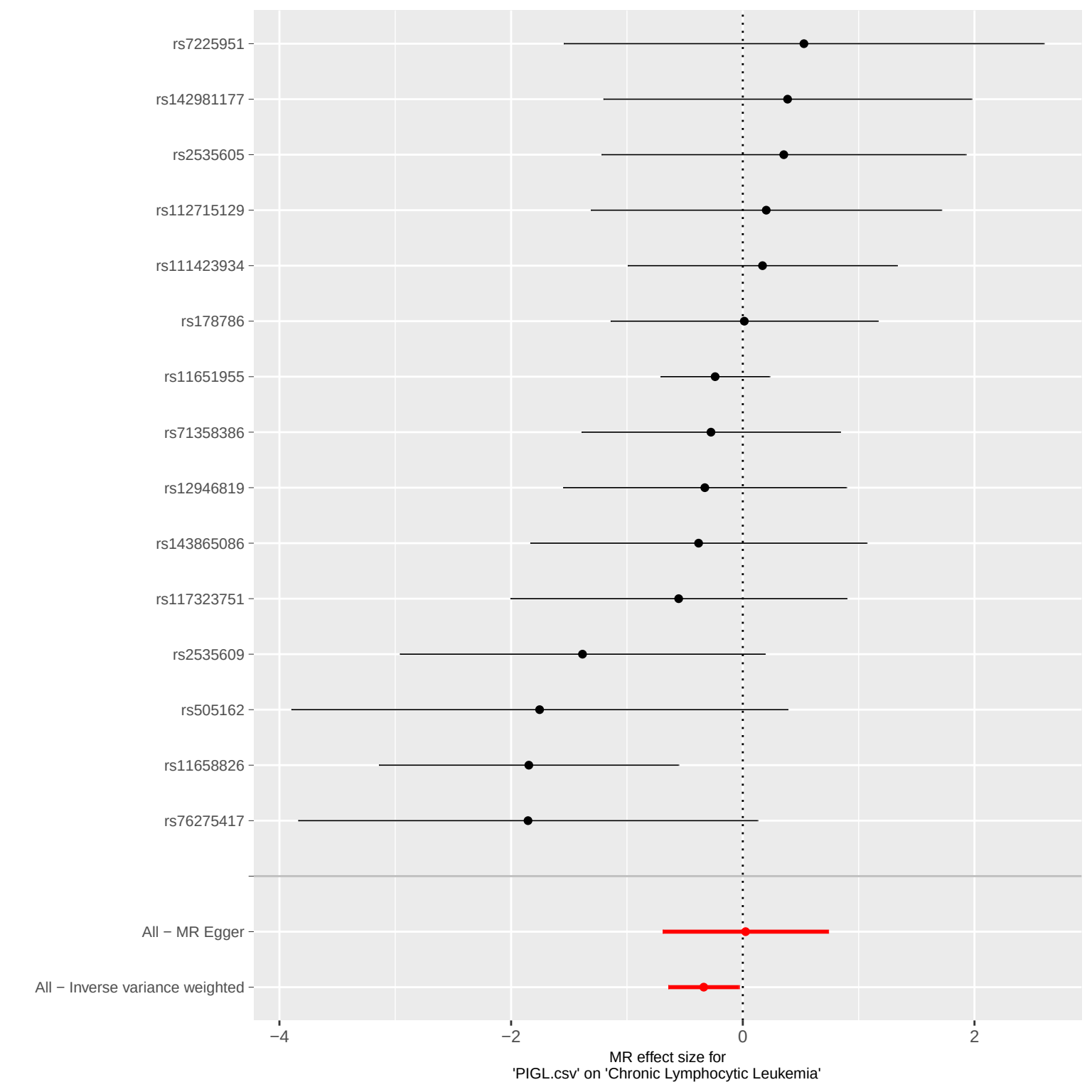
MR effect size for
'PIGC.csv' on 'Chronic Lymphocytic Leukemia'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rs117323751
rs2535609
rs505162
rs11658826
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All − MR Egger
All − Inverse variance weighted
−4
−2
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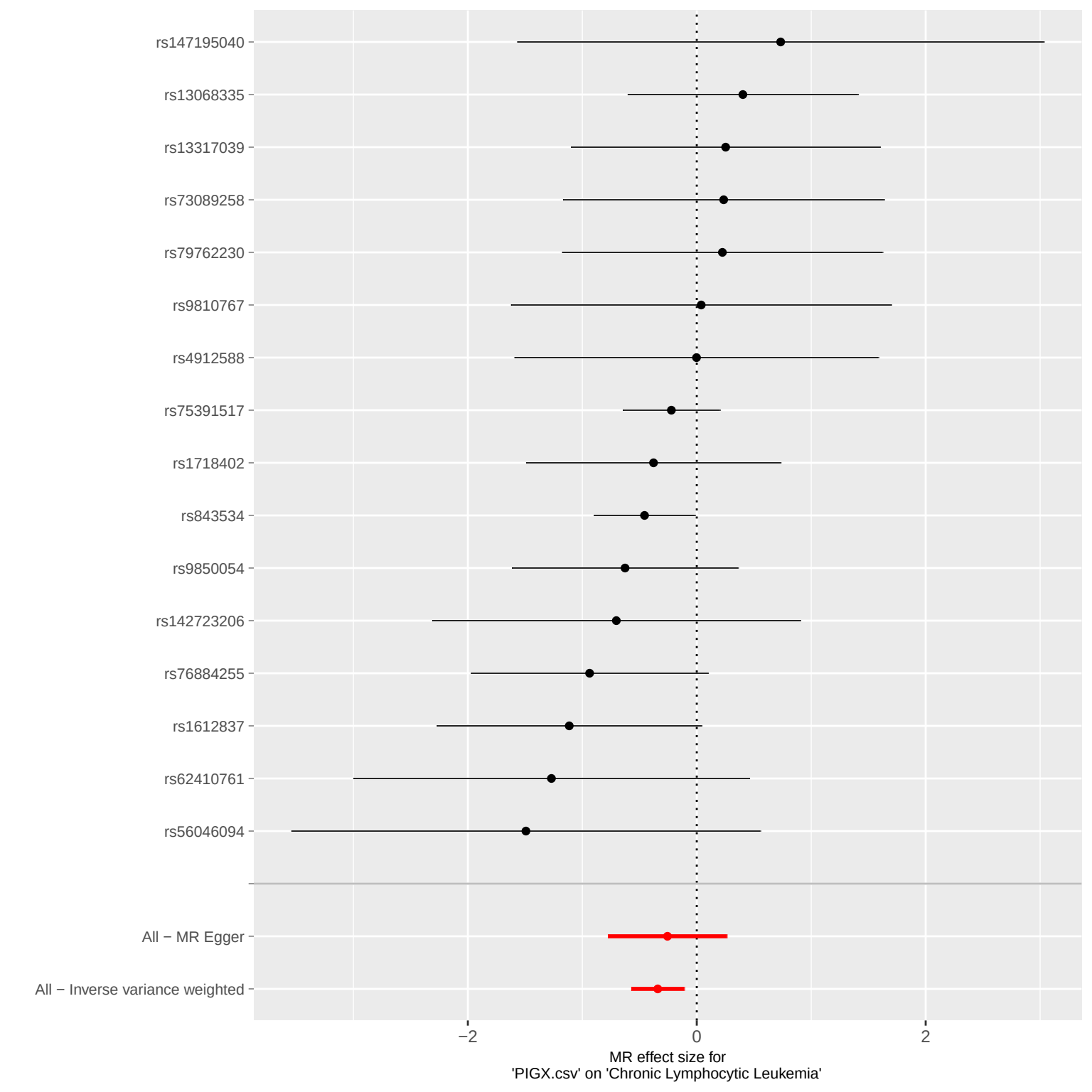
2
MR effect size for
'PIGL.csv' on 'Chronic Lymphocytic Leukemia'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rs9850054
rs142723206
rs76884255
rs1612837
rs62410761
rs56046094
All − MR Egger
All − Inverse variance weighted
−2
0
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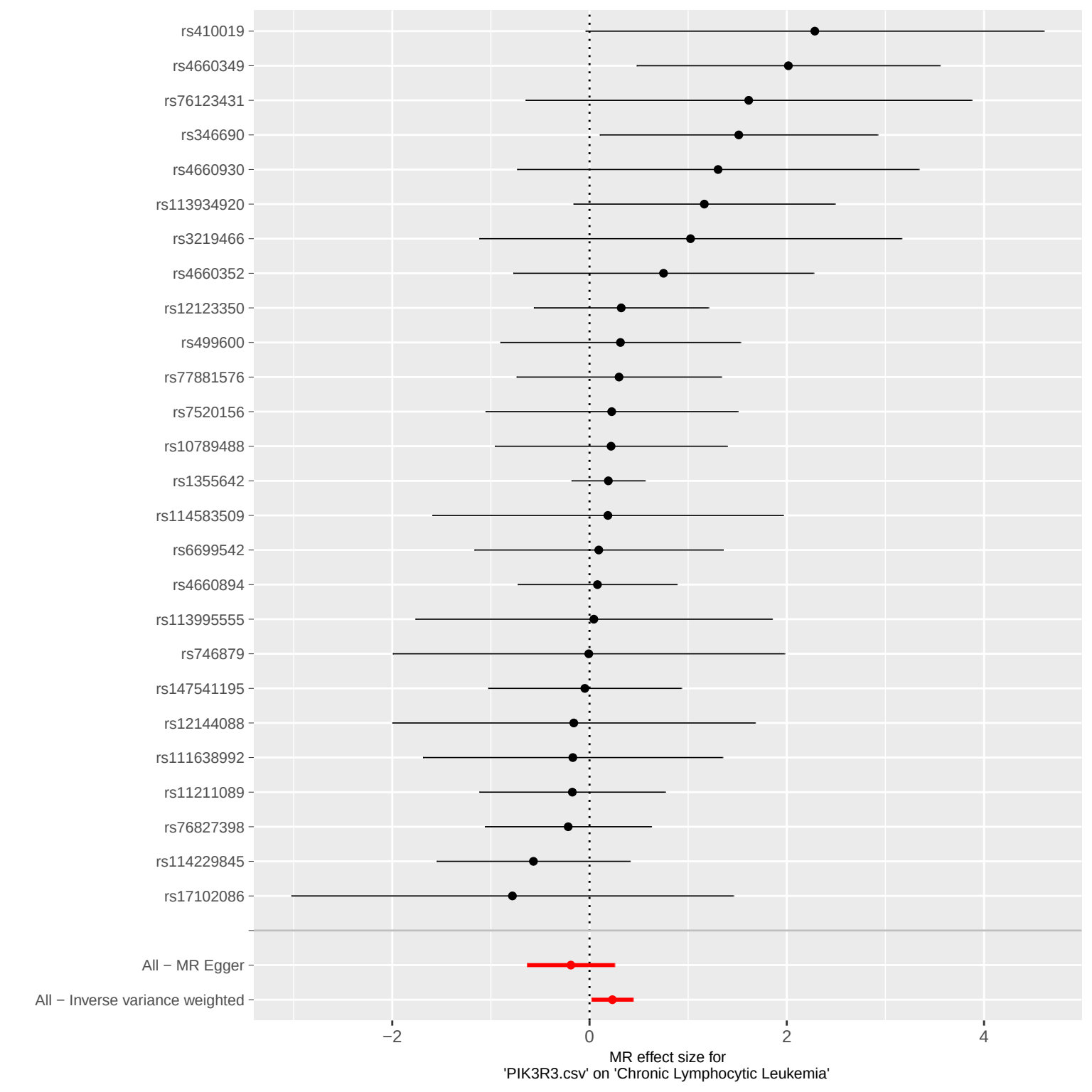
MR effect size for
'PIGX.csv' on 'Chronic Lymphocytic Leukemia'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rs147541195
rs12144088
rs111638992
rs11211089
rs76827398
rs114229845
rs17102086
All − MR Egger
All − Inverse variance weighted
−2
0
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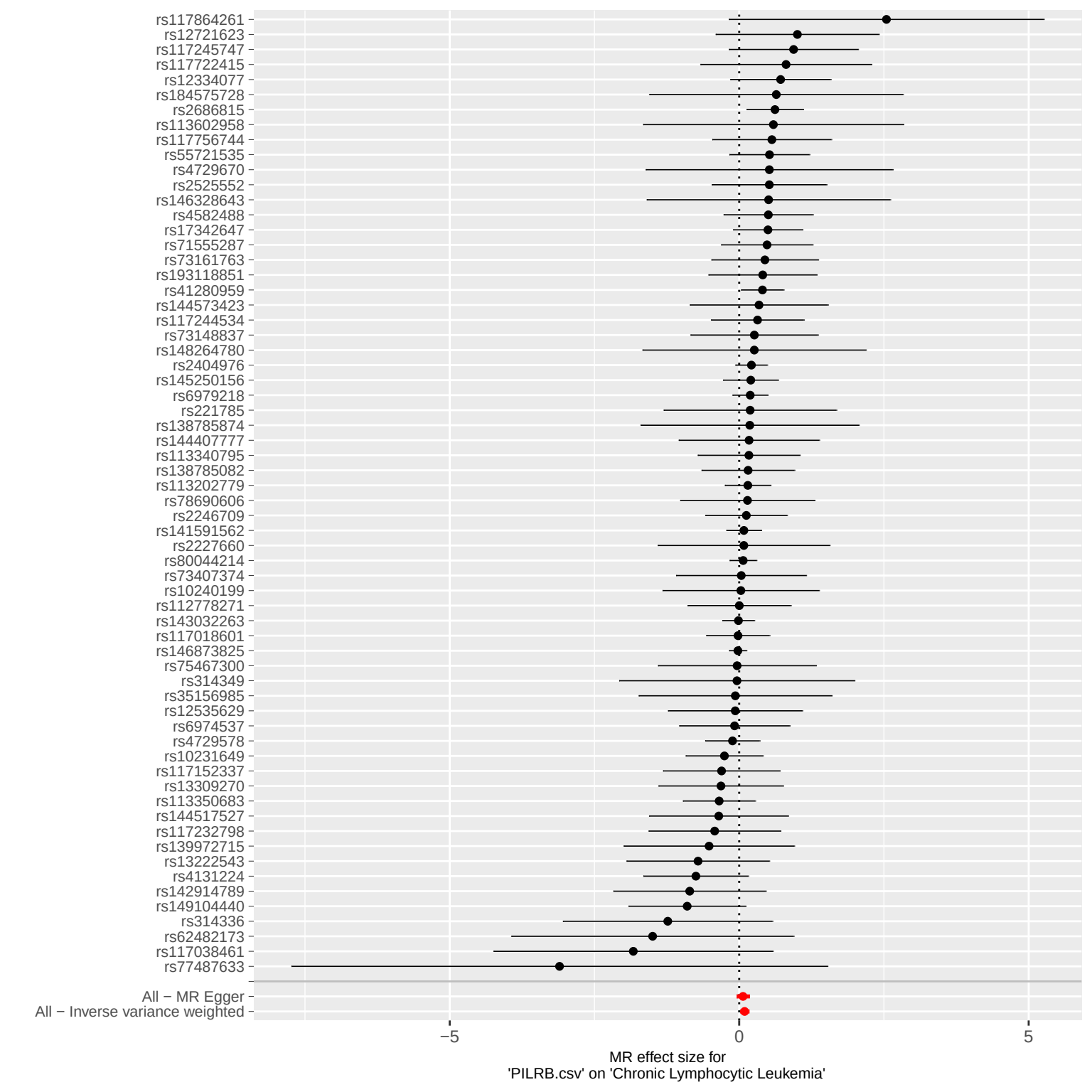
4
MR effect size for
'PIK3R3.csv' on 'Chronic Lymphocytic Leukemia'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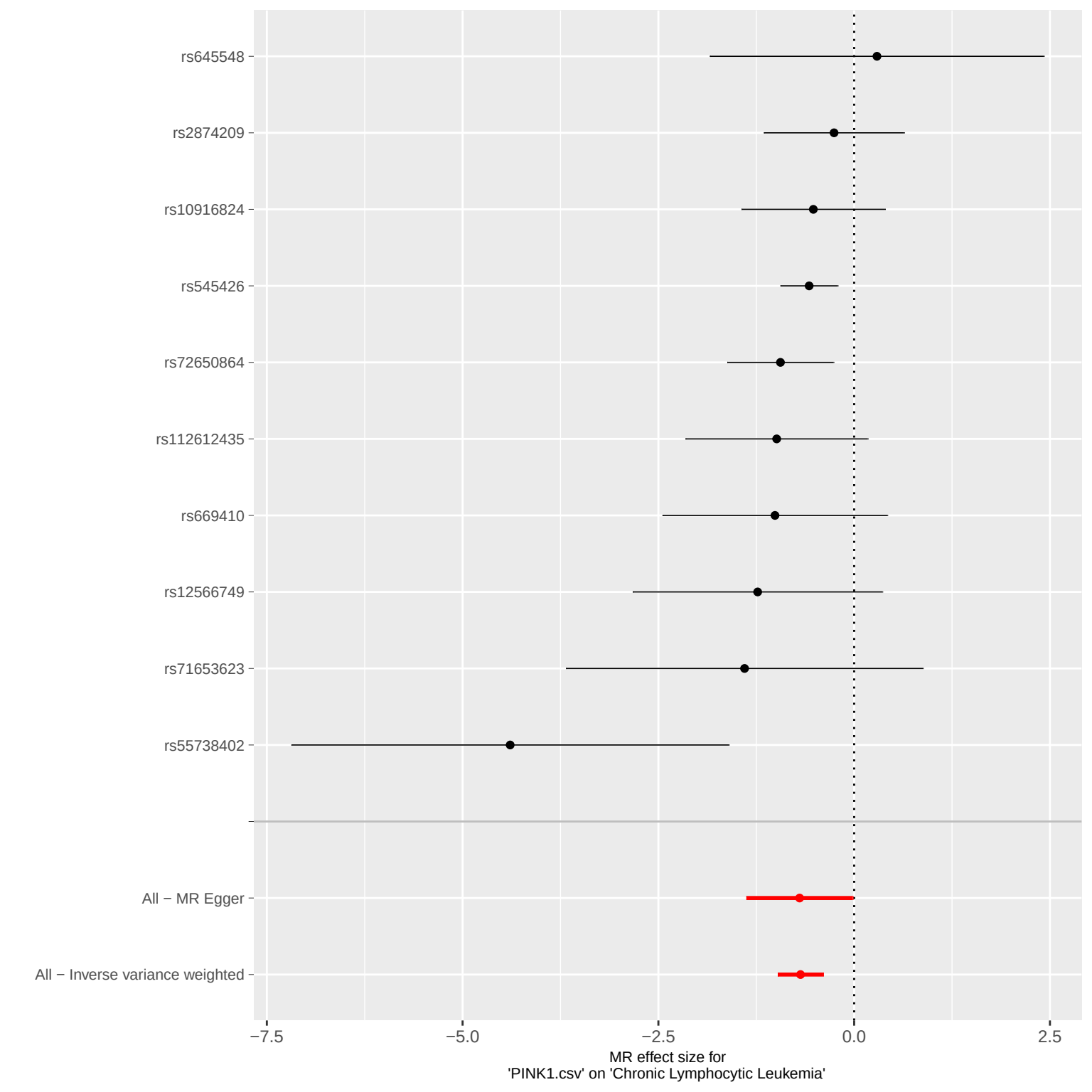
rs314336
rs62482173
rs117038461
rs77487633
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PILRB.csv' on 'Chronic Lymphocytic Leukemia'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rs545426
rs72650864
rs112612435
rs669410
rs12566749
rs71653623
rs55738402
All − MR Egger
All − Inverse variance weighted
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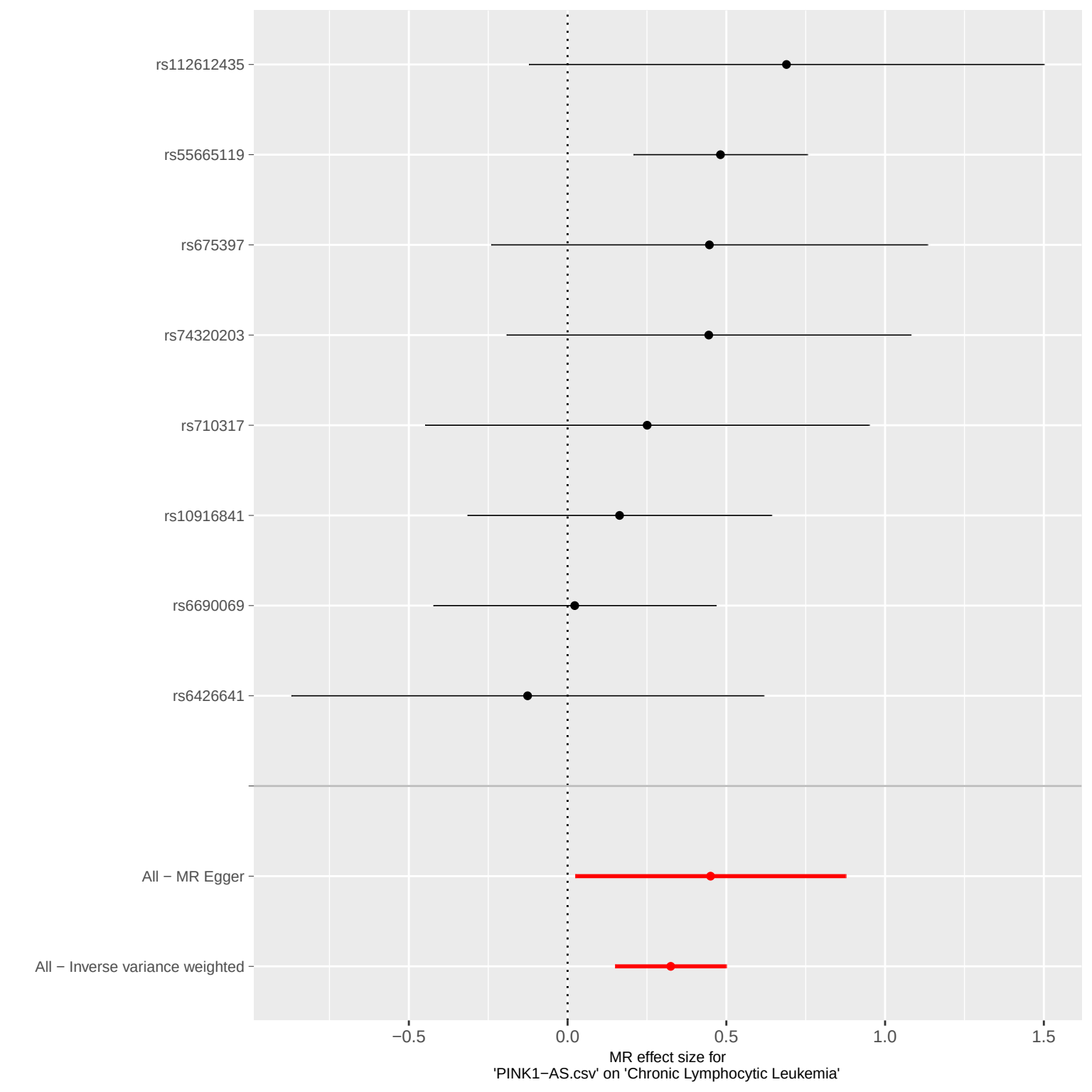
−5.0
−2.5
0.0
2.5
MR effect size for
'PINK1.csv' on 'Chronic Lymphocytic Leukemia'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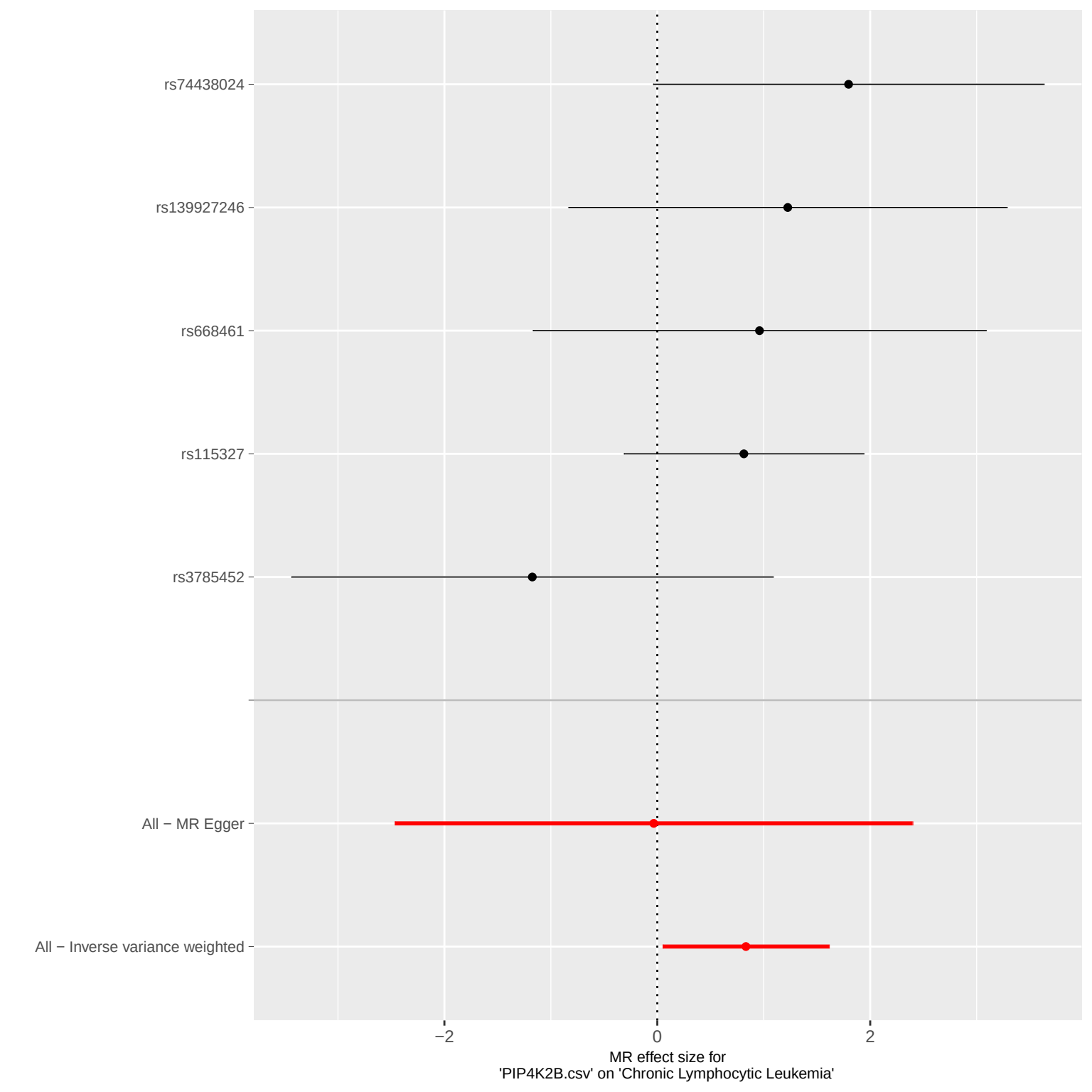
rs675397
rs74320203
rs710317
rs10916841
rs6690069
rs6426641
All − MR Egger
All − Inverse variance weighted
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'PINK1−AS.csv' on 'Chronic Lymphocytic Leukemia'


rs74438024
rs139927246
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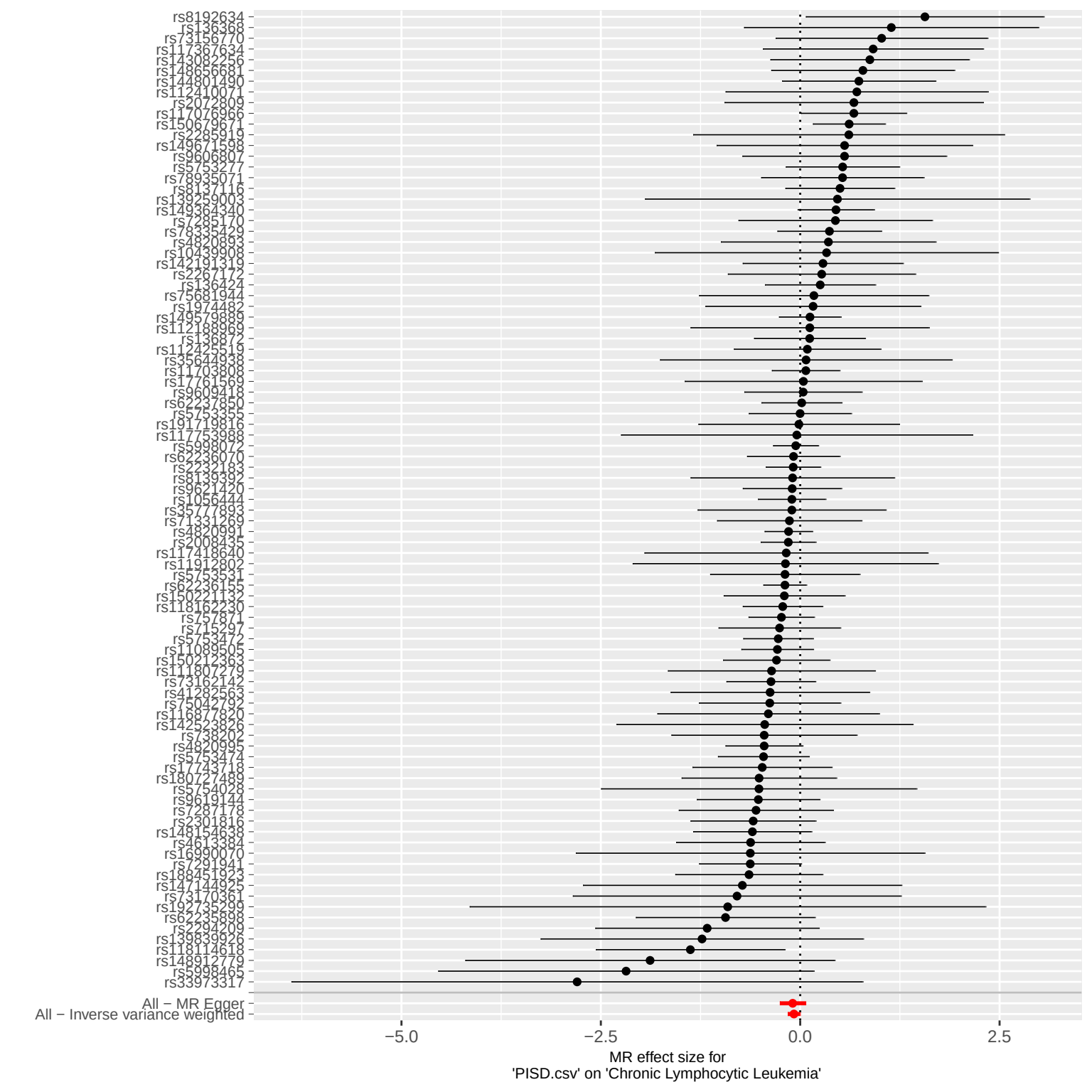
rs115327
rs3785452
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PIP4K2B.csv' on 'Chronic Lymphocytic Leukemia'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rs62235898
rs2294209
rs139839926
rs118114618
rs148912779
rs5998465
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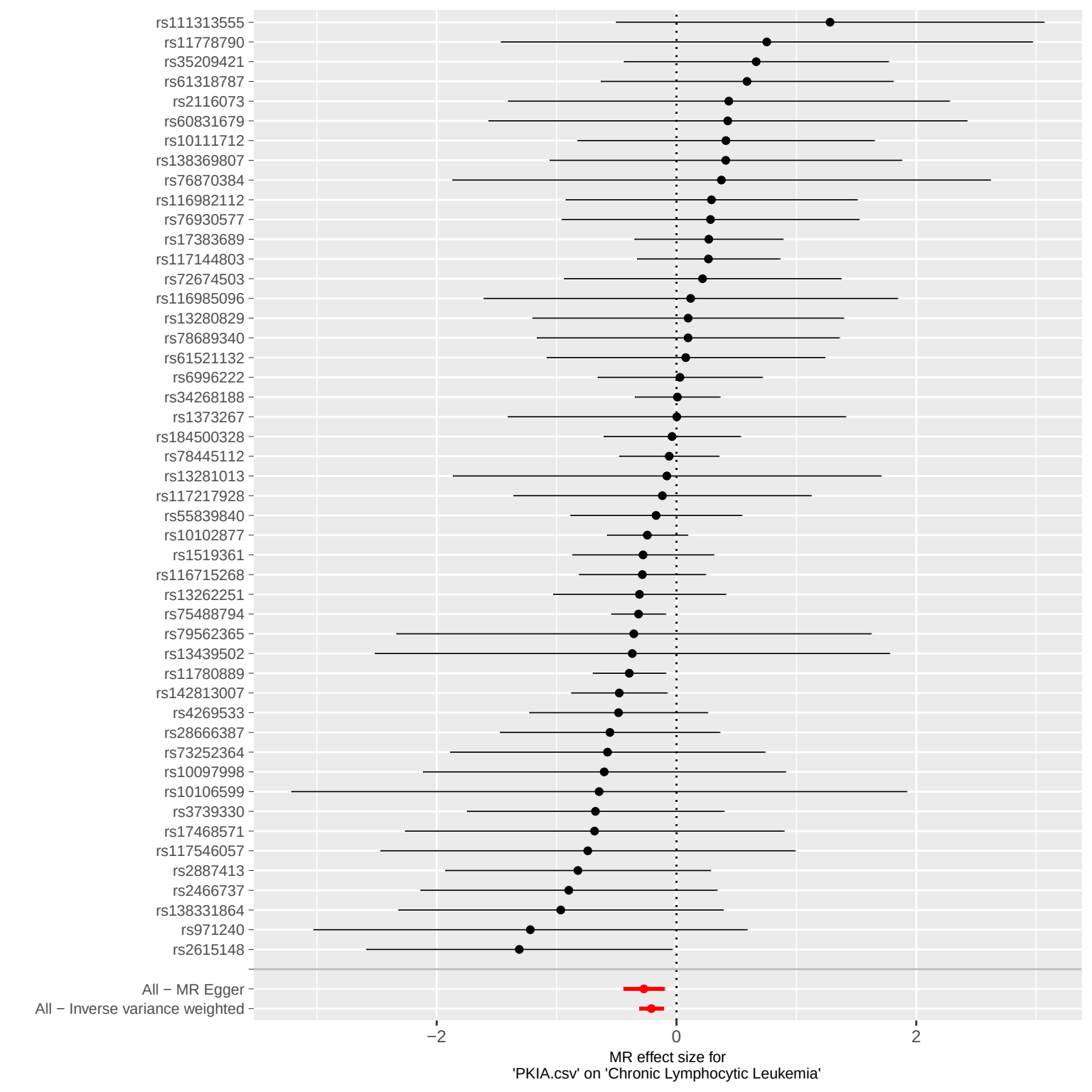
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PISD.csv' on 'Chronic Lymphocytic Leukemia'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rs2887413
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All − MR Egger
All − Inverse variance weighted
−2
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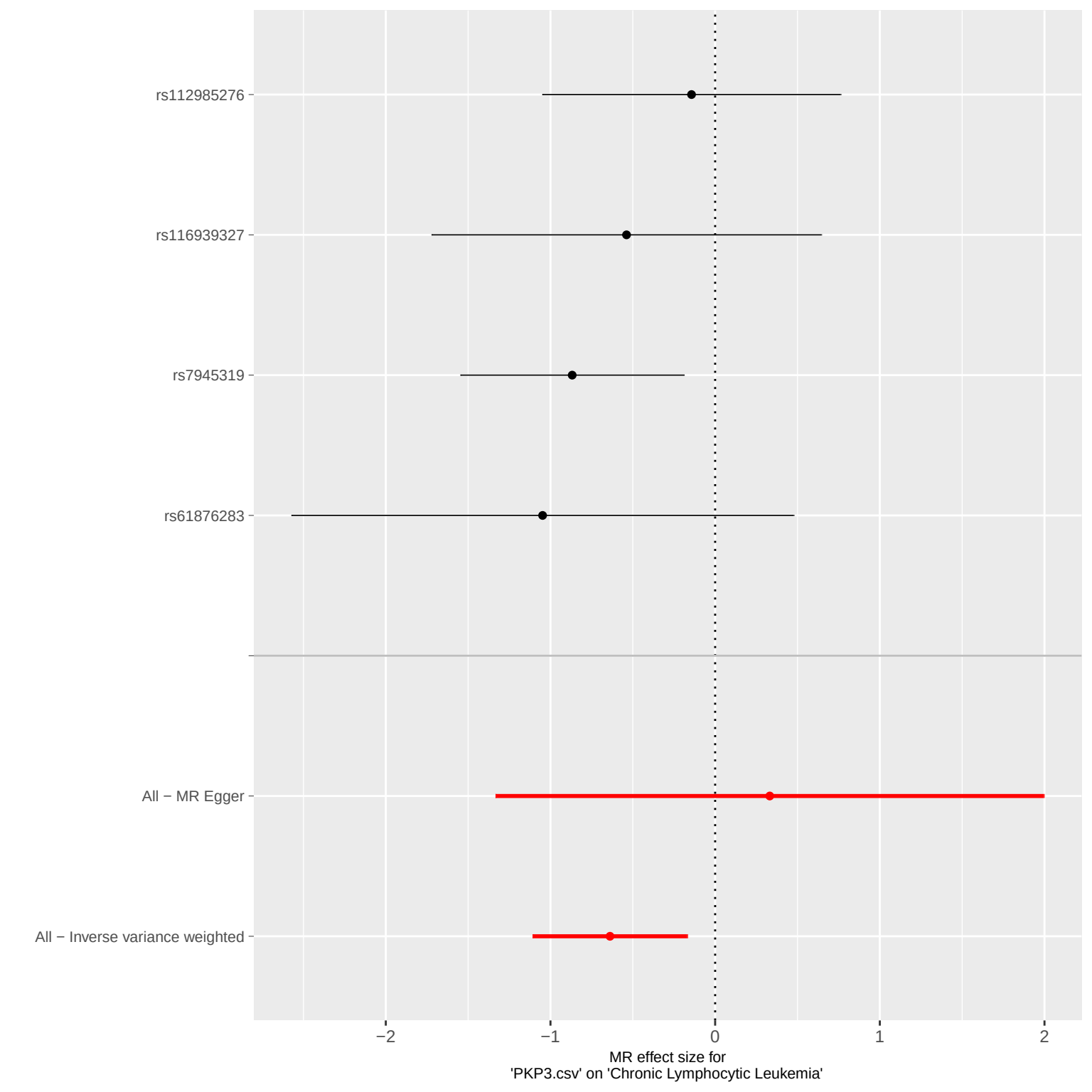
2
MR effect size for
'PKIA.csv' on 'Chronic Lymphocytic Leukemia'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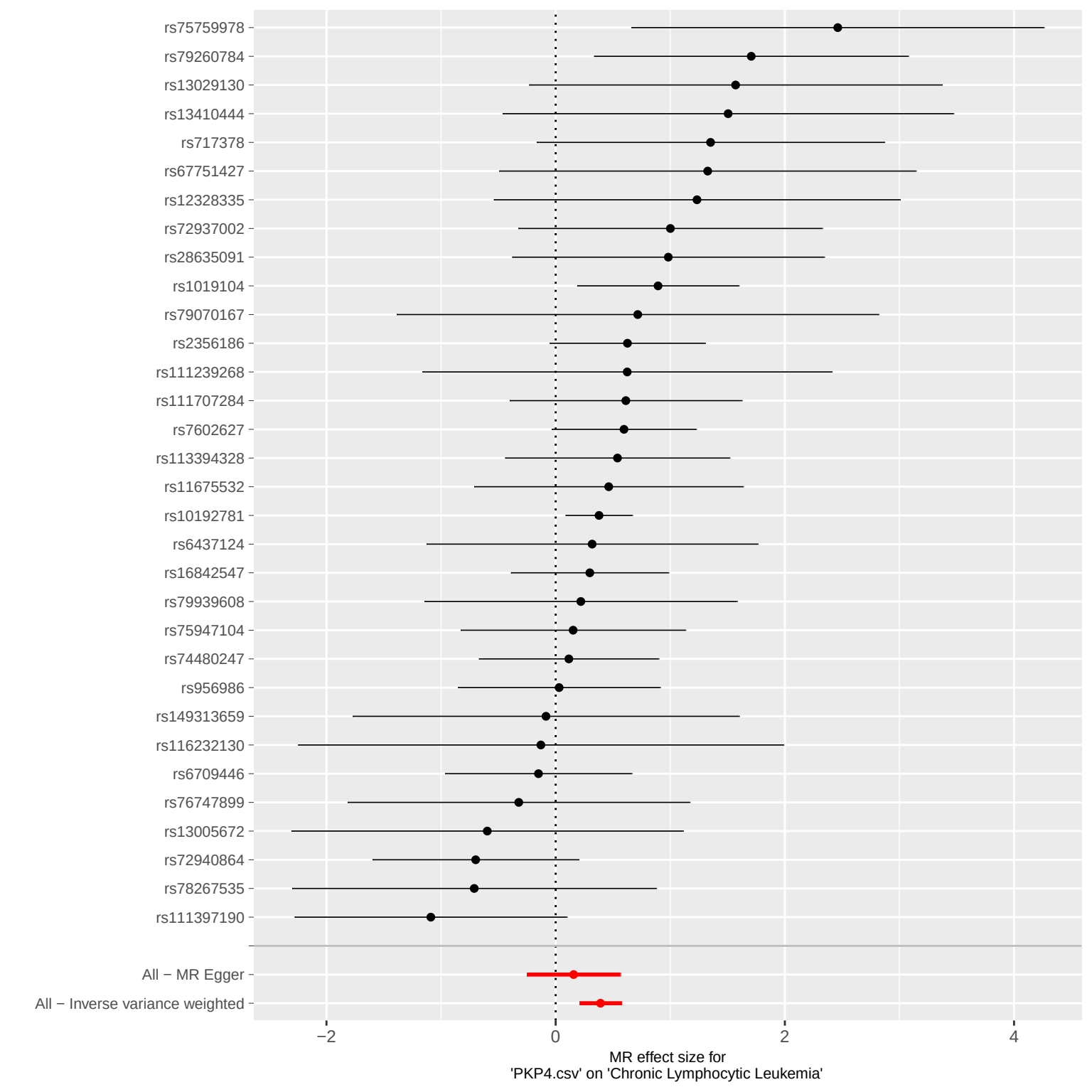
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'PKP3.csv' on 'Chronic Lymphocytic Leukemia'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rs76747899
rs13005672
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All − MR Egger
All − Inverse variance weighted
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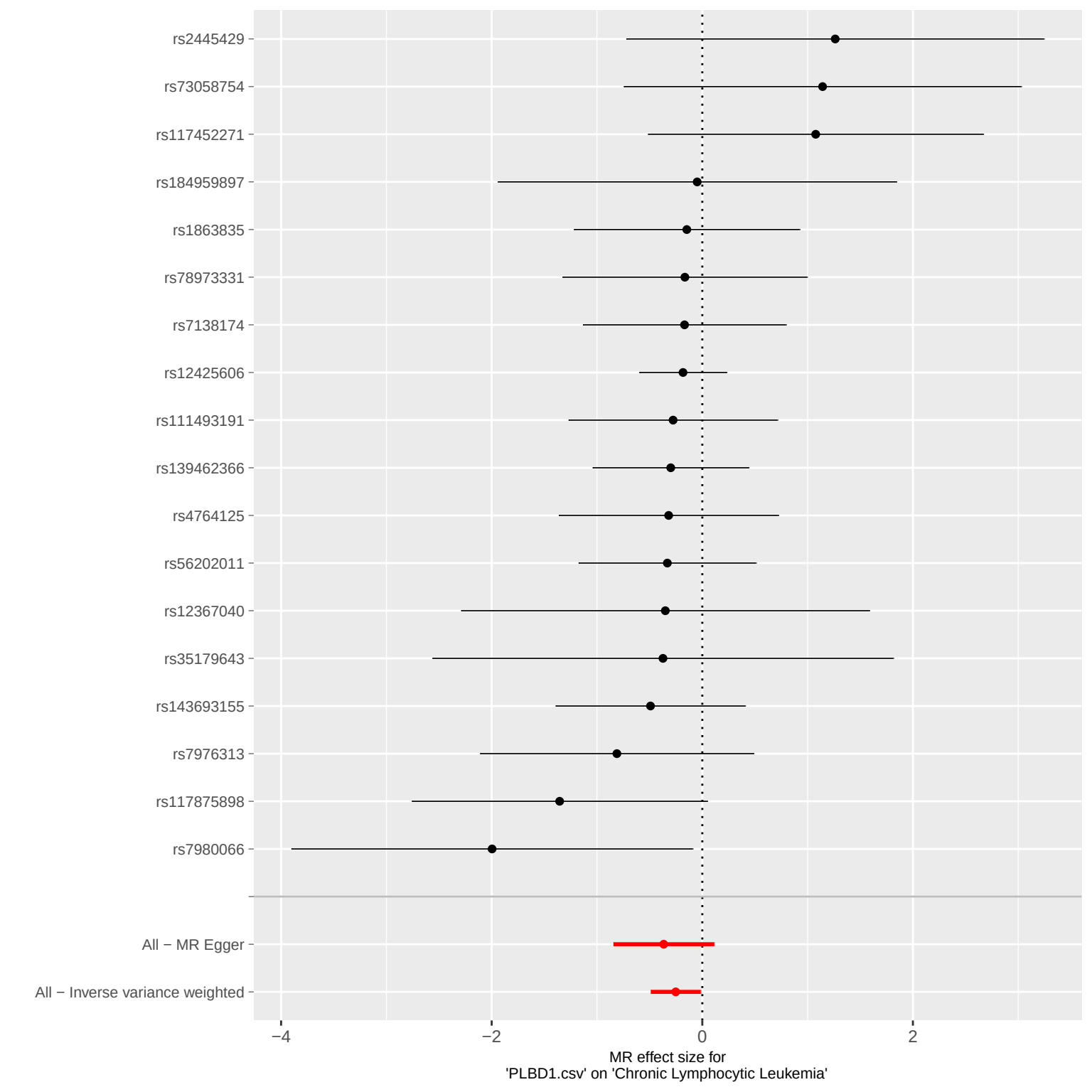
4
MR effect size for
'PKP4.csv' on 'Chronic Lymphocytic Leukemia'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rs139462366
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rs56202011
rs12367040
rs35179643
rs143693155
rs7976313
rs117875898
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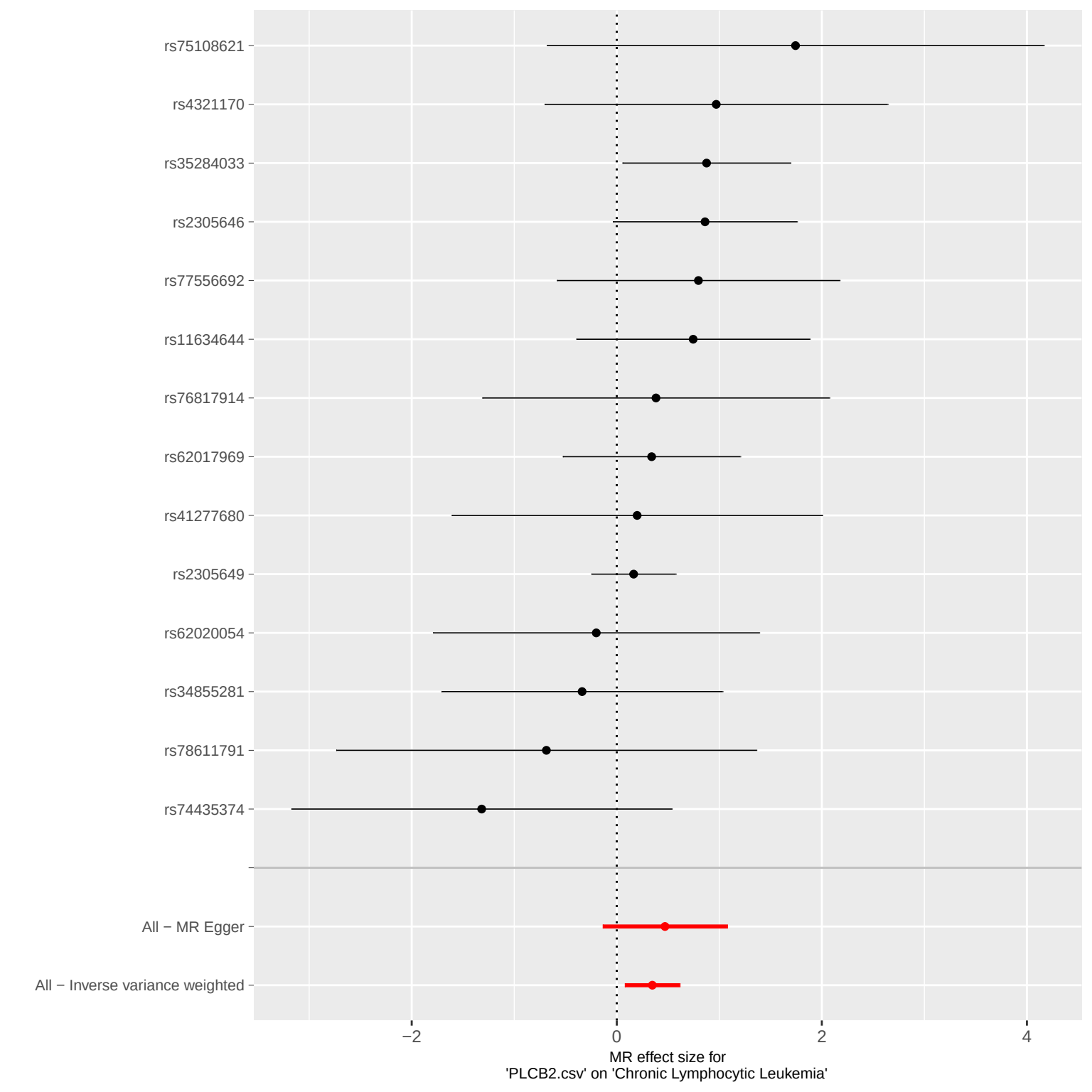
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PLBD1.csv' on 'Chronic Lymphocytic Leukemia'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rs41277680
rs2305649
rs62020054
rs34855281
rs78611791
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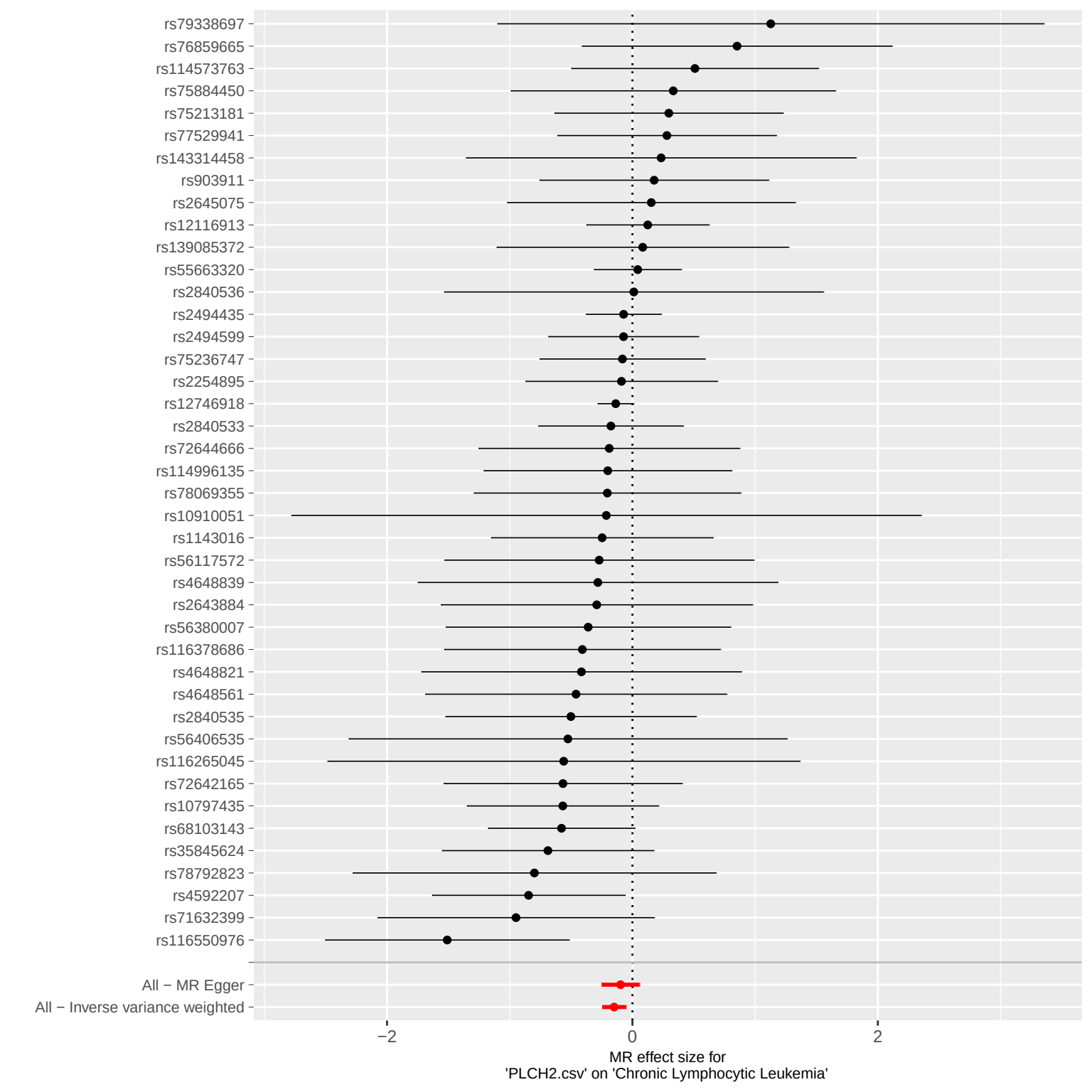
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PLCB2.csv' on 'Chronic Lymphocytic Leukemia'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rs116265045
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rs68103143
rs35845624
rs78792823
rs4592207
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All − MR Egger
All − Inverse variance weighted
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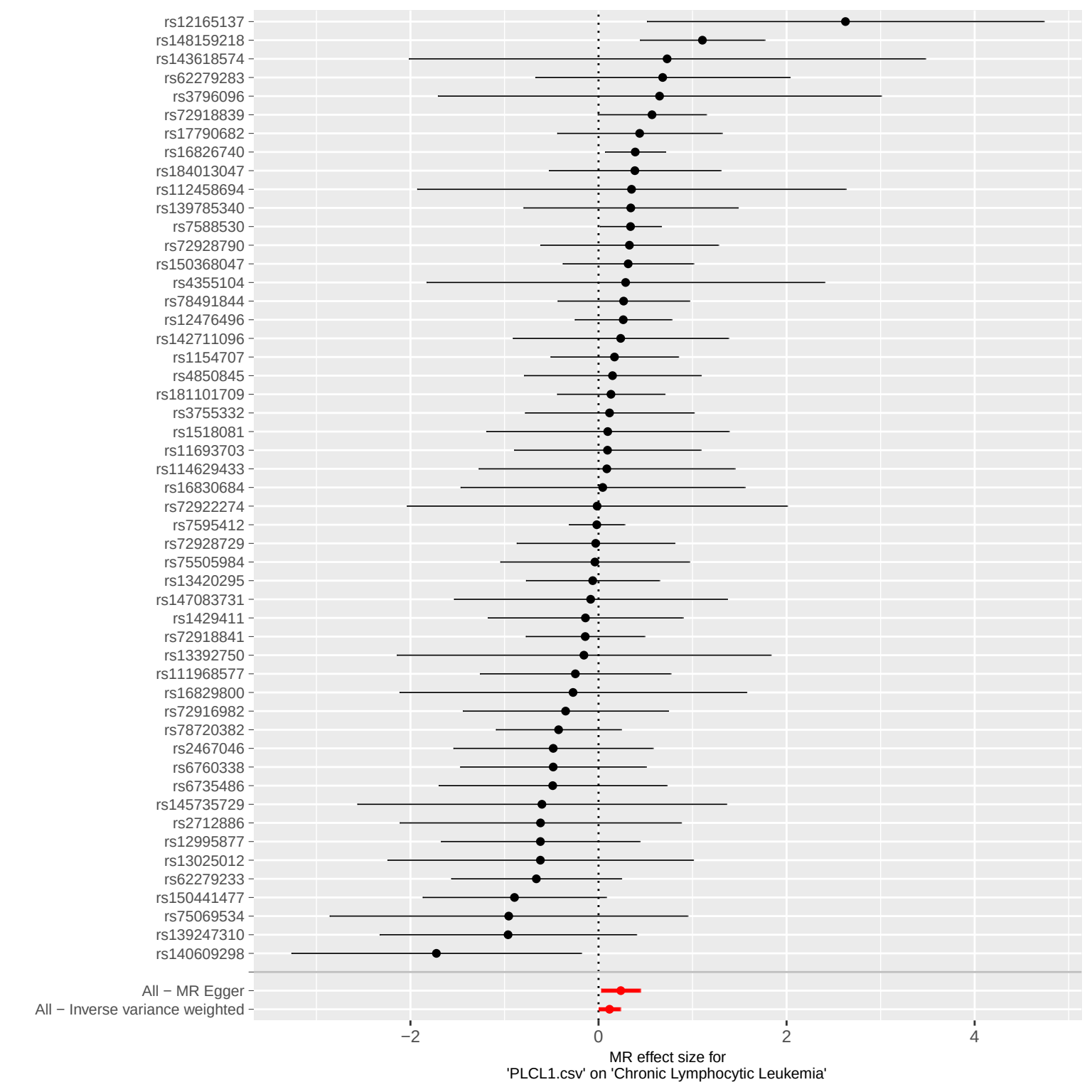
2
MR effect size for
'PLCH2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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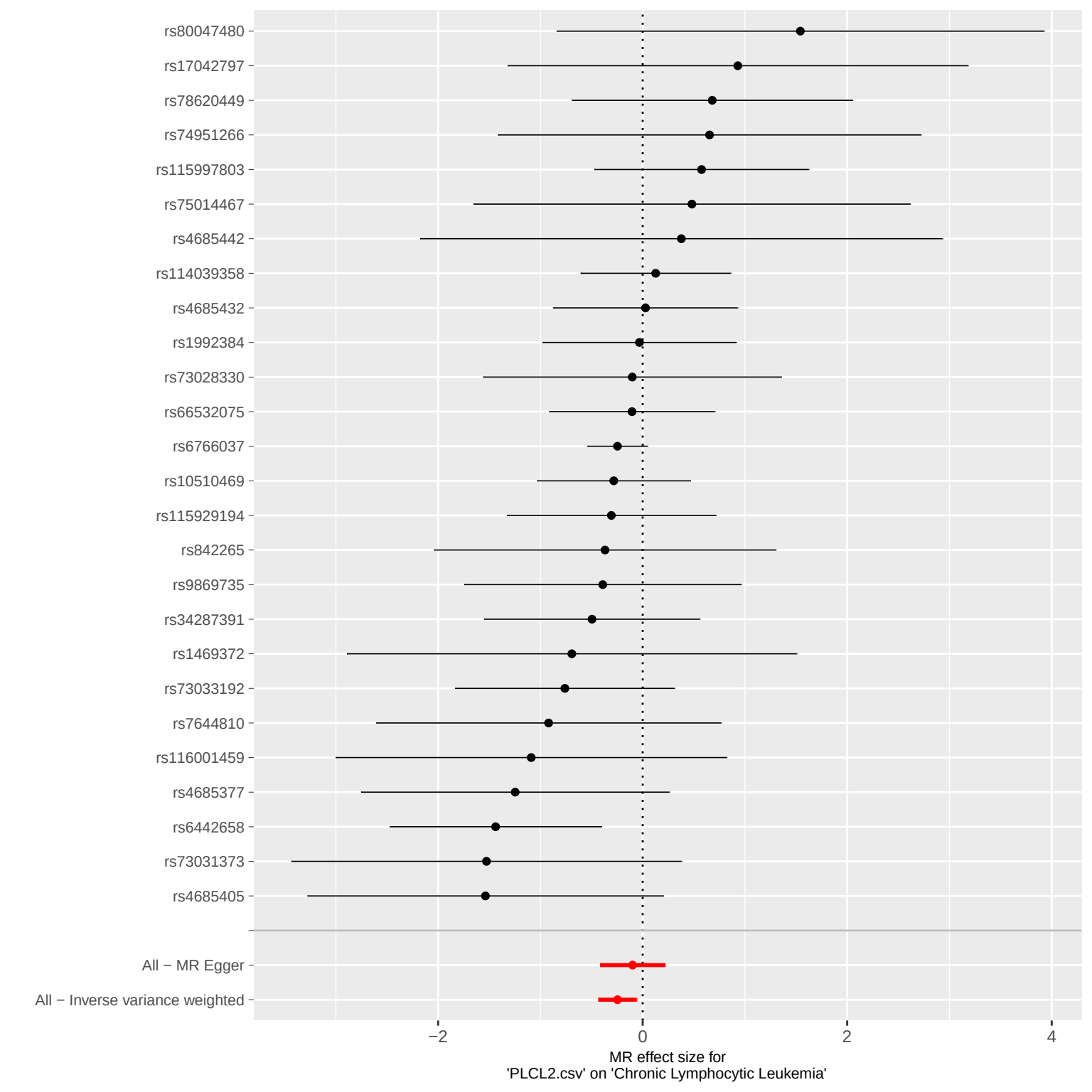
2
4
MR effect size for
'PLCL1.csv' on 'Chronic Lymphocytic Leukemia'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rs6766037
rs10510469
rs115929194
rs842265
rs9869735
rs34287391
rs1469372
rs73033192
rs7644810
rs116001459
rs4685377
rs6442658
rs73031373
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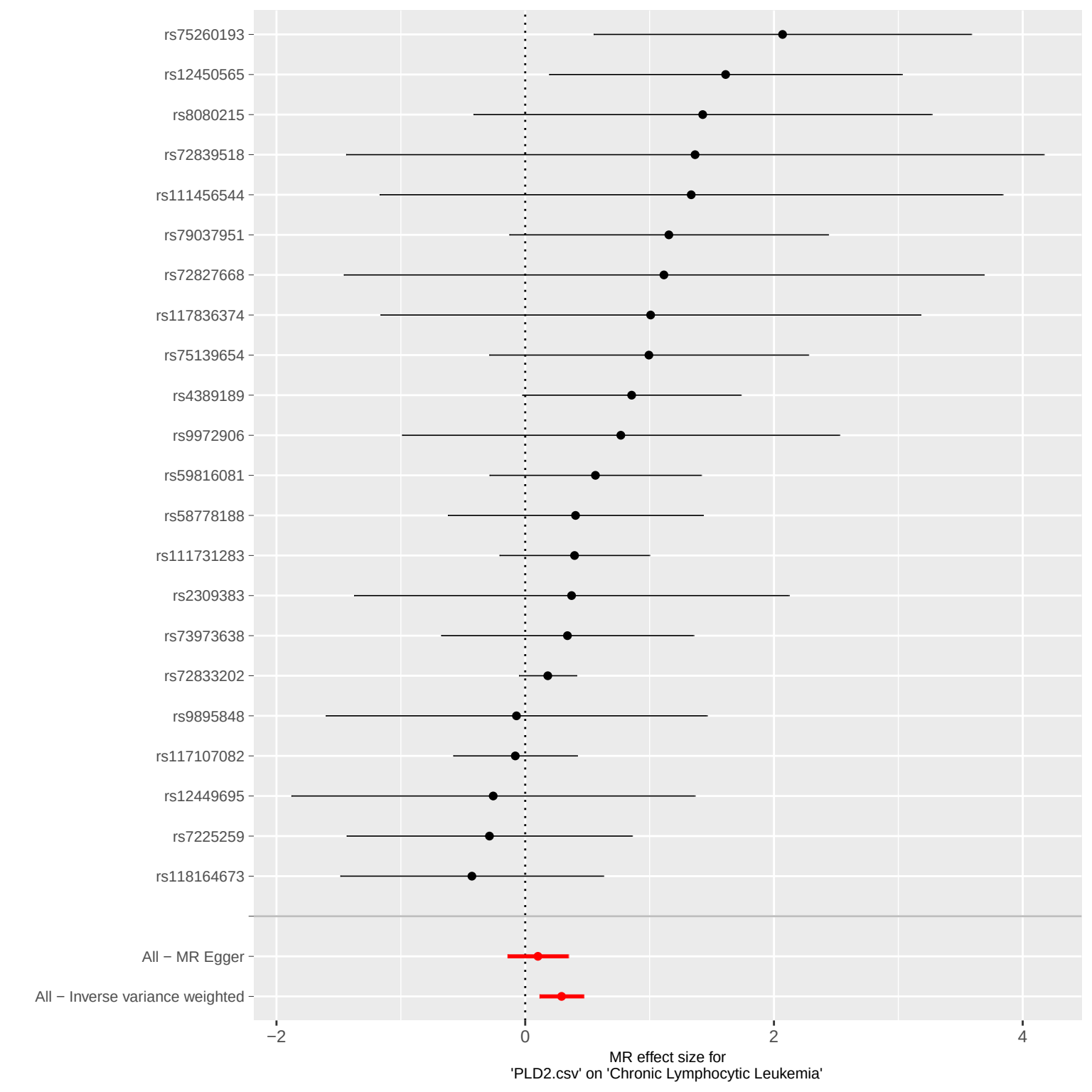
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PLCL2.csv' on 'Chronic Lymphocytic Leukemia'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rs58778188
rs111731283
rs2309383
rs73973638
rs72833202
rs9895848
rs117107082
rs12449695
rs7225259
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All − MR Egger
All − Inverse variance weighted
−2
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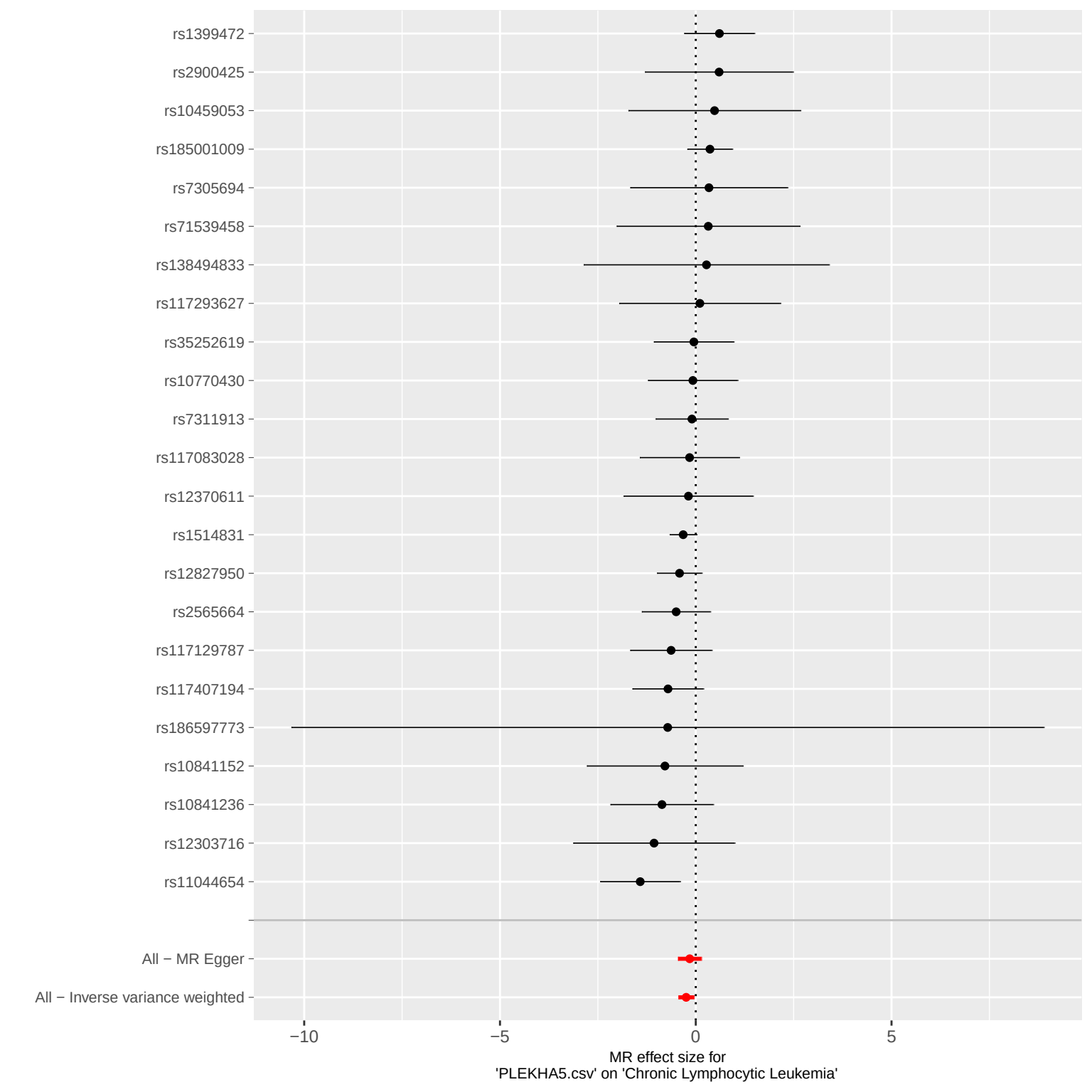
2
4
MR effect size for
'PLD2.csv' on 'Chronic Lymphocytic Leukemia'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rs186597773
rs10841152
rs10841236
rs12303716
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All − MR Egger
All − Inverse variance weighted
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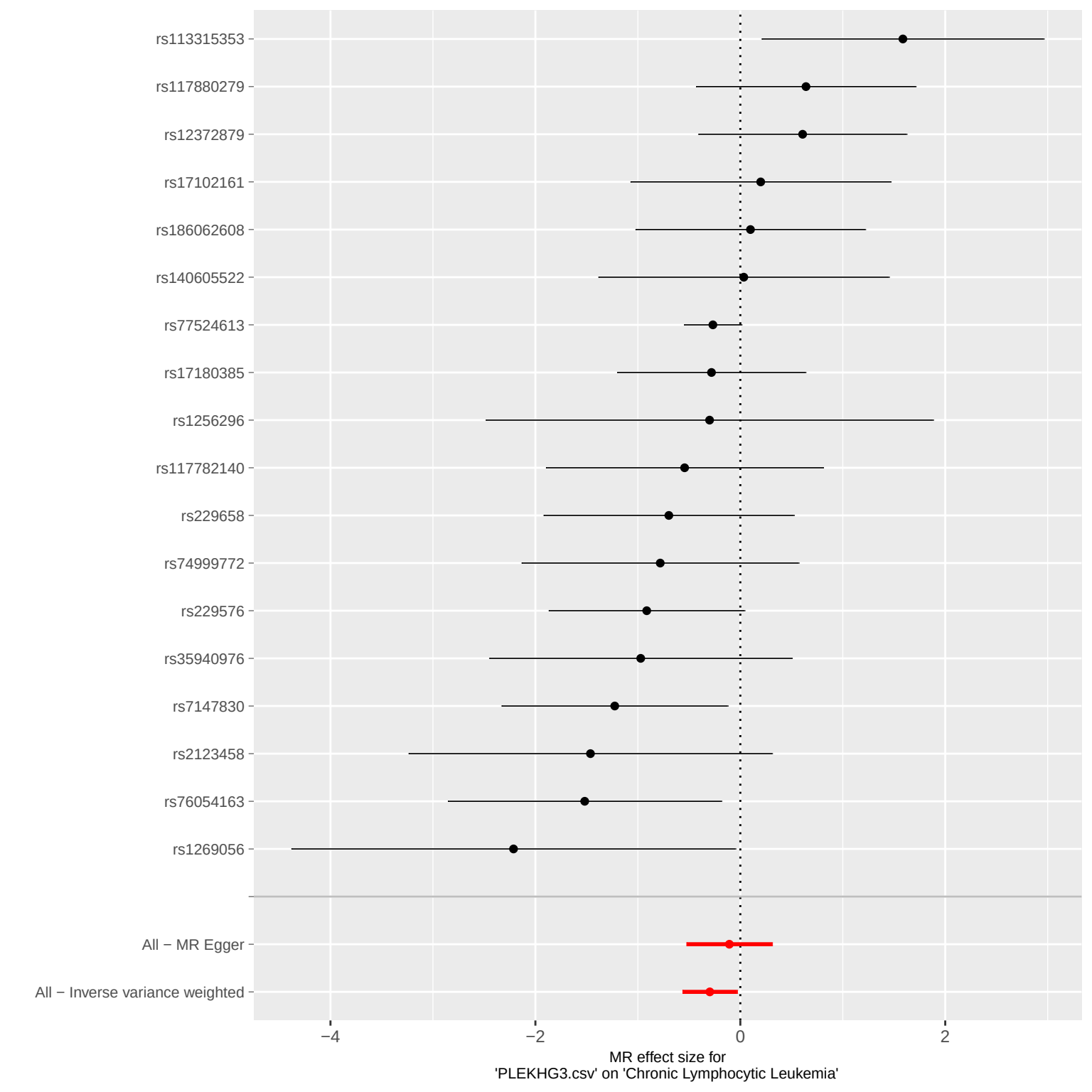
−5
0
5
MR effect size for
'PLEKHA5.csv' on 'Chronic Lymphocytic Leukemia'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rs229576
rs35940976
rs7147830
rs2123458
rs76054163
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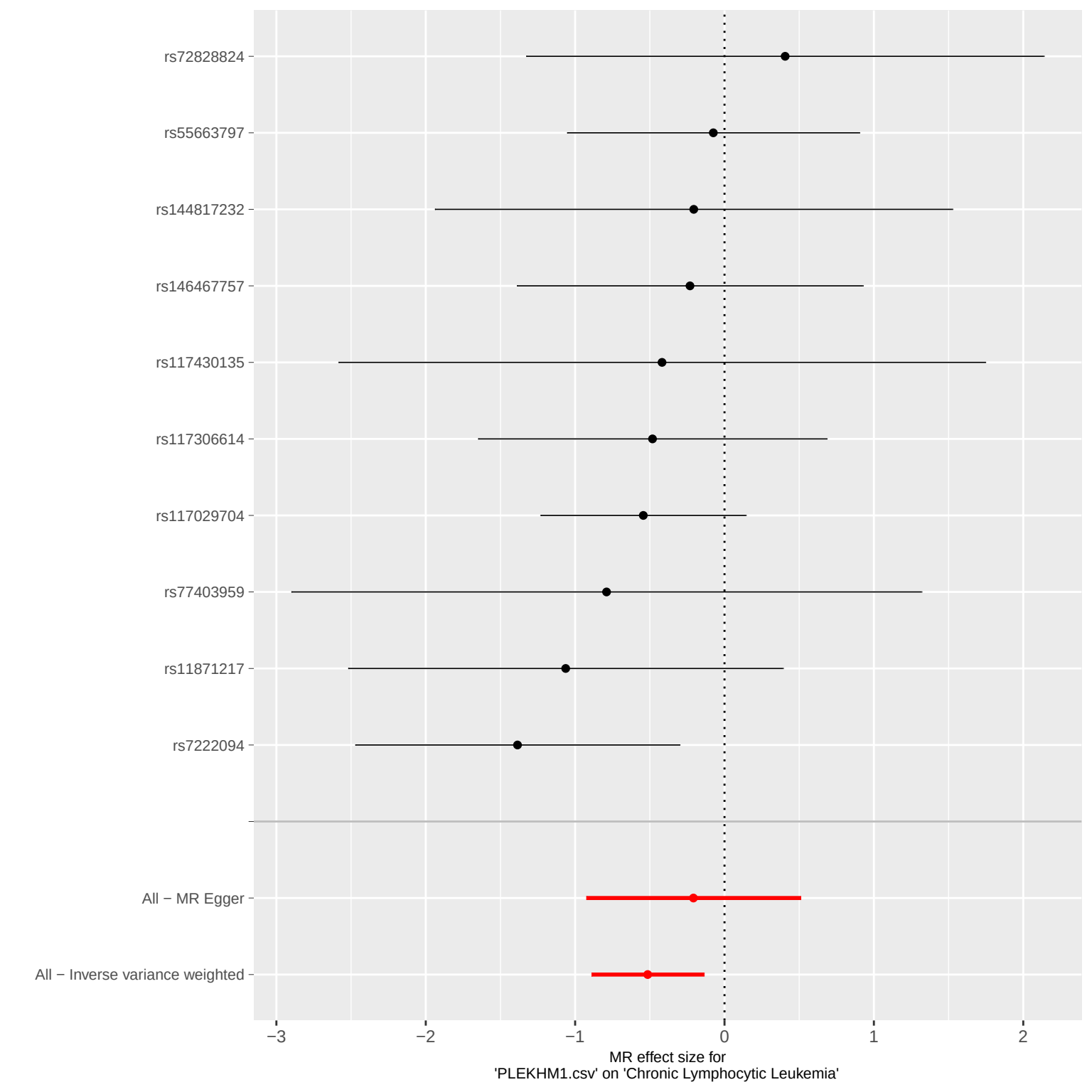
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PLEKHG3.csv' on 'Chronic Lymphocytic Leukemia'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rs7222094
All − MR Egger
All − Inverse variance weighted
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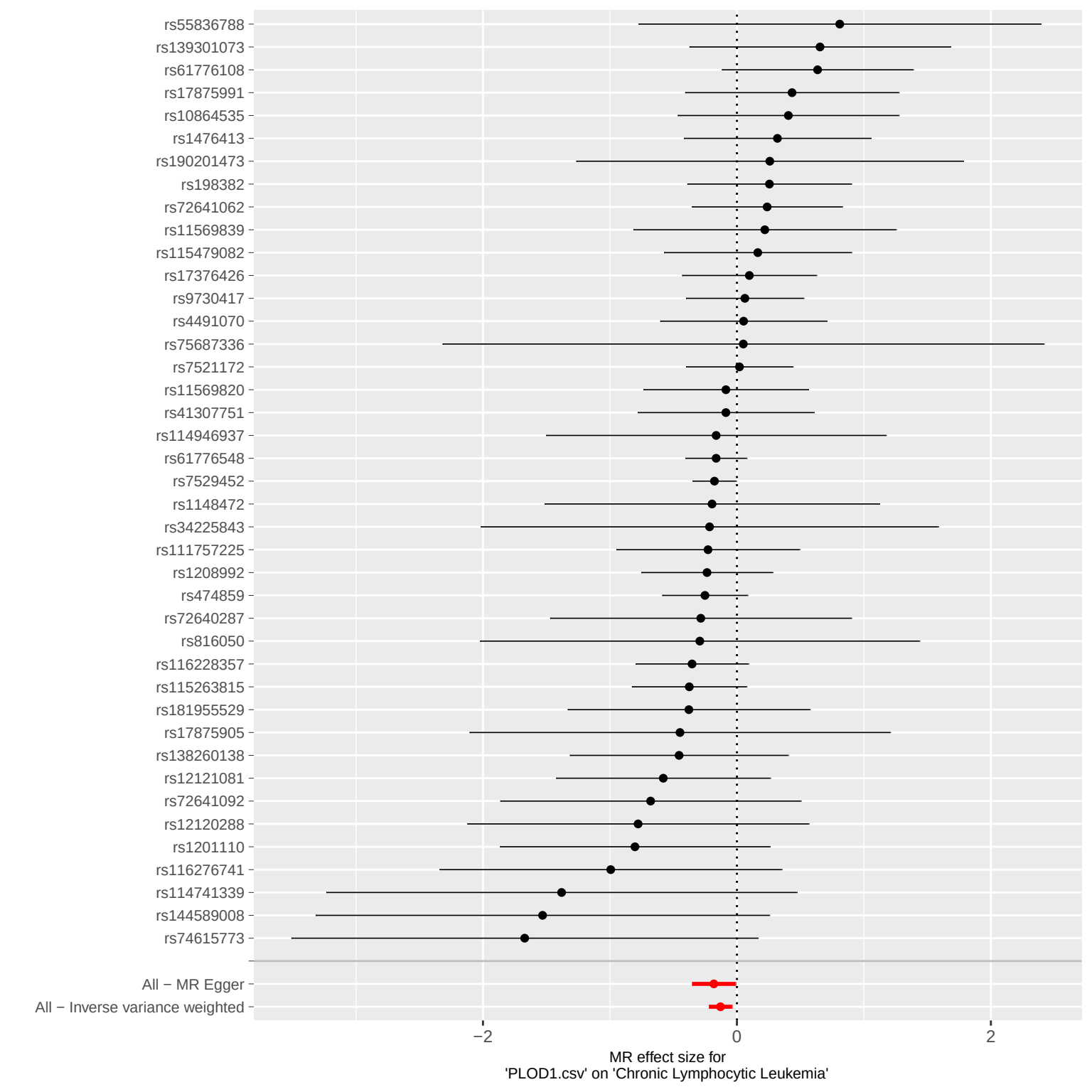
−2
−1
0
1
2
MR effect size for
'PLEKHM1.csv' on 'Chronic Lymphocytic Leukemia'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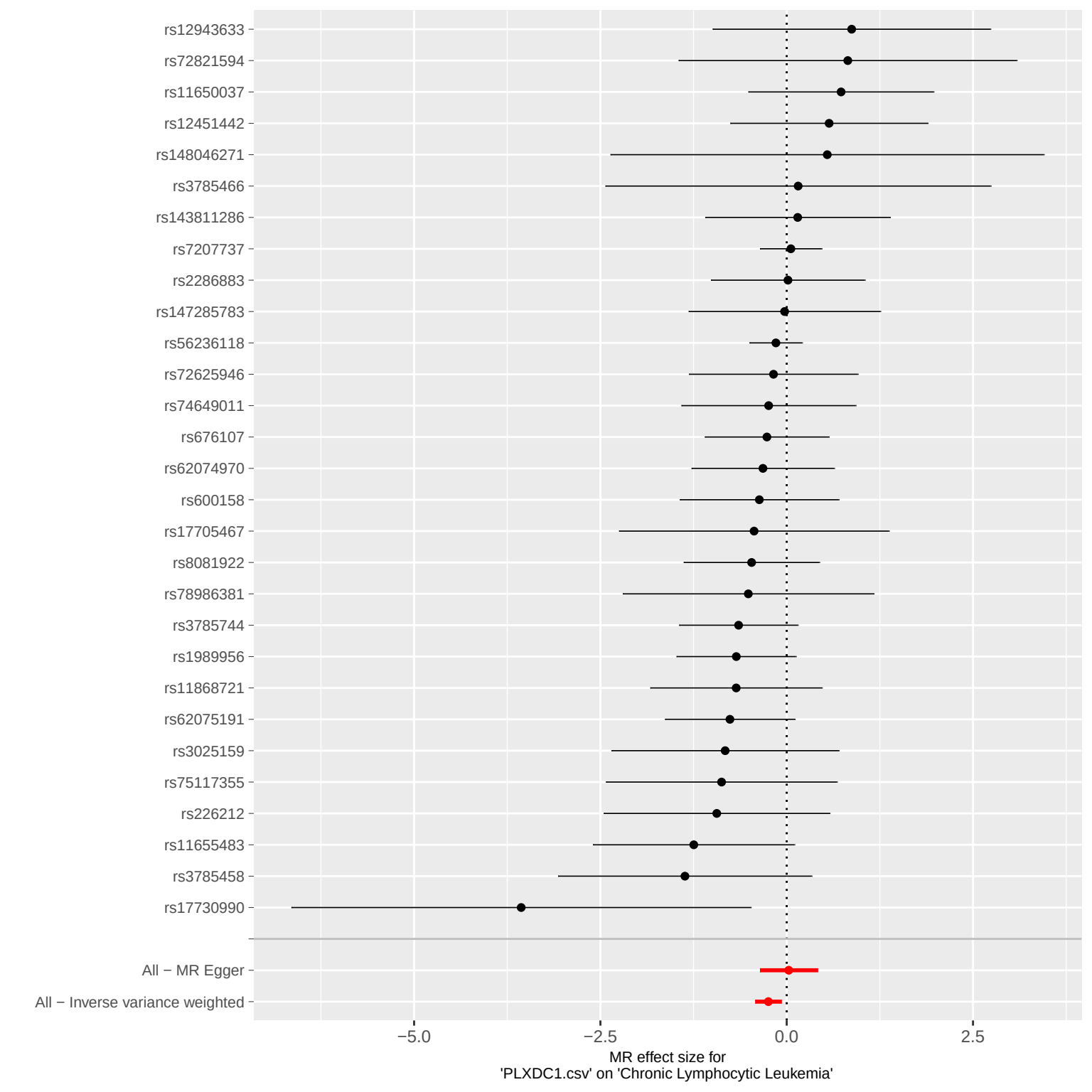
rs12121081
rs72641092
rs12120288
rs1201110
rs116276741
rs114741339
rs144589008
rs74615773
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PLOD1.csv' on 'Chronic Lymphocytic Leukemia'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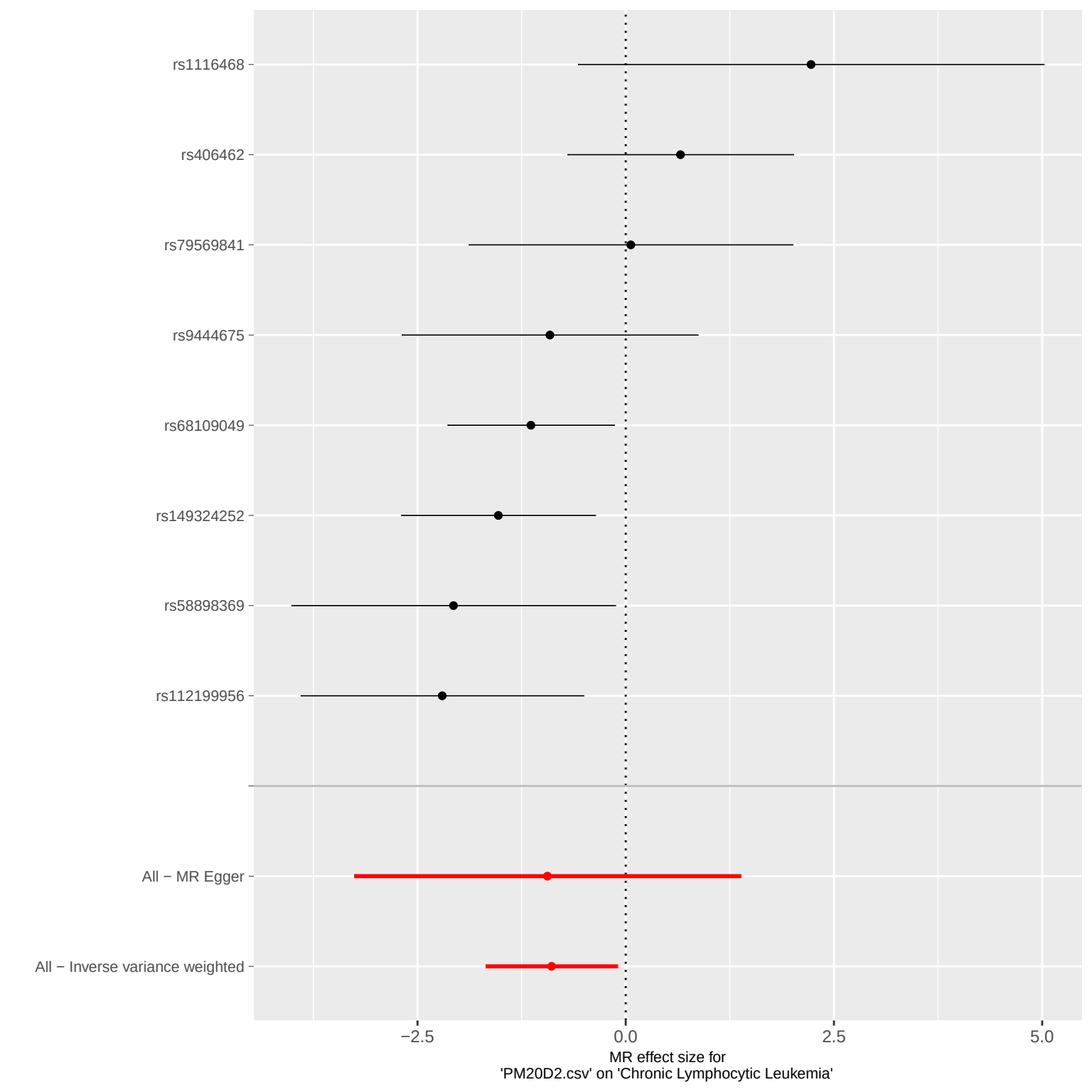
rs3785744
rs1989956
rs11868721
rs62075191
rs3025159
rs75117355
rs226212
rs11655483
rs3785458
rs17730990
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PLXDC1.csv' on 'Chronic Lymphocytic Leukemia'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rs79569841
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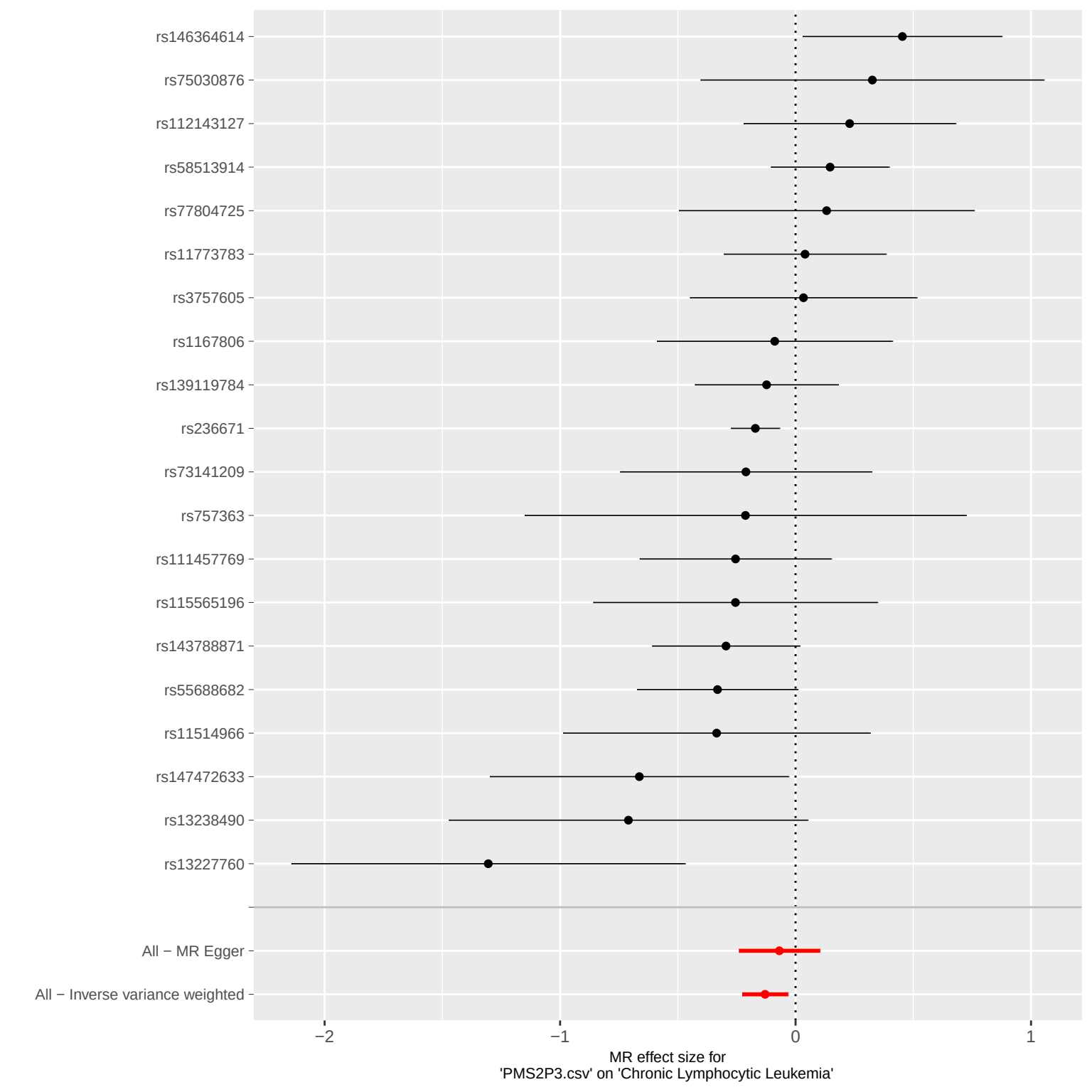
rs68109049
rs149324252
rs58898369
rs112199956
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'PM20D2.csv' on 'Chronic Lymphocytic Leukemia'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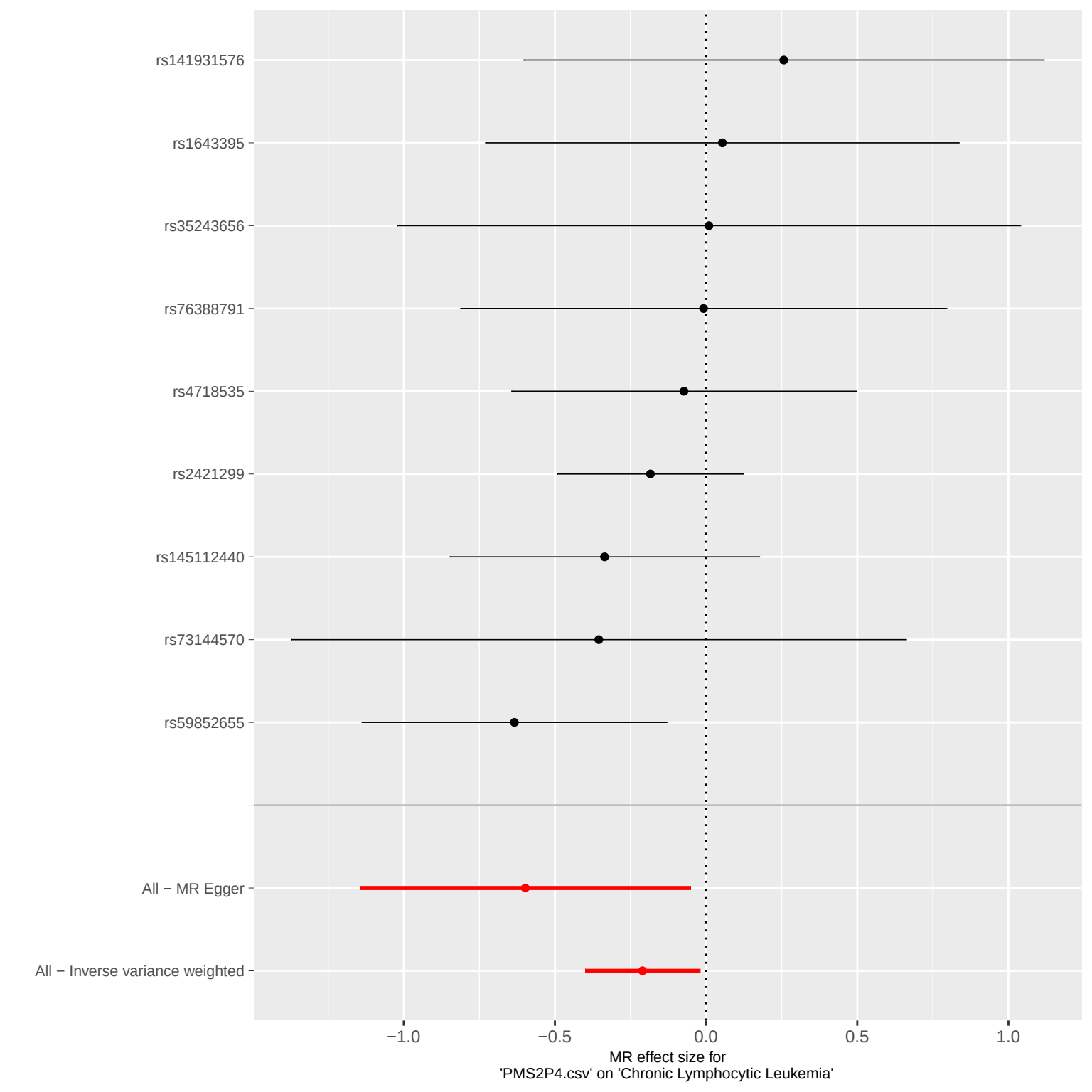
rs757363
rs111457769
rs115565196
rs143788871
rs55688682
rs11514966
rs147472633
rs13238490
rs13227760
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'PMS2P3.csv' on 'Chronic Lymphocytic Leukemia'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rs4718535
rs2421299
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rs73144570
rs59852655
All − MR Egger
All − Inverse variance weighted
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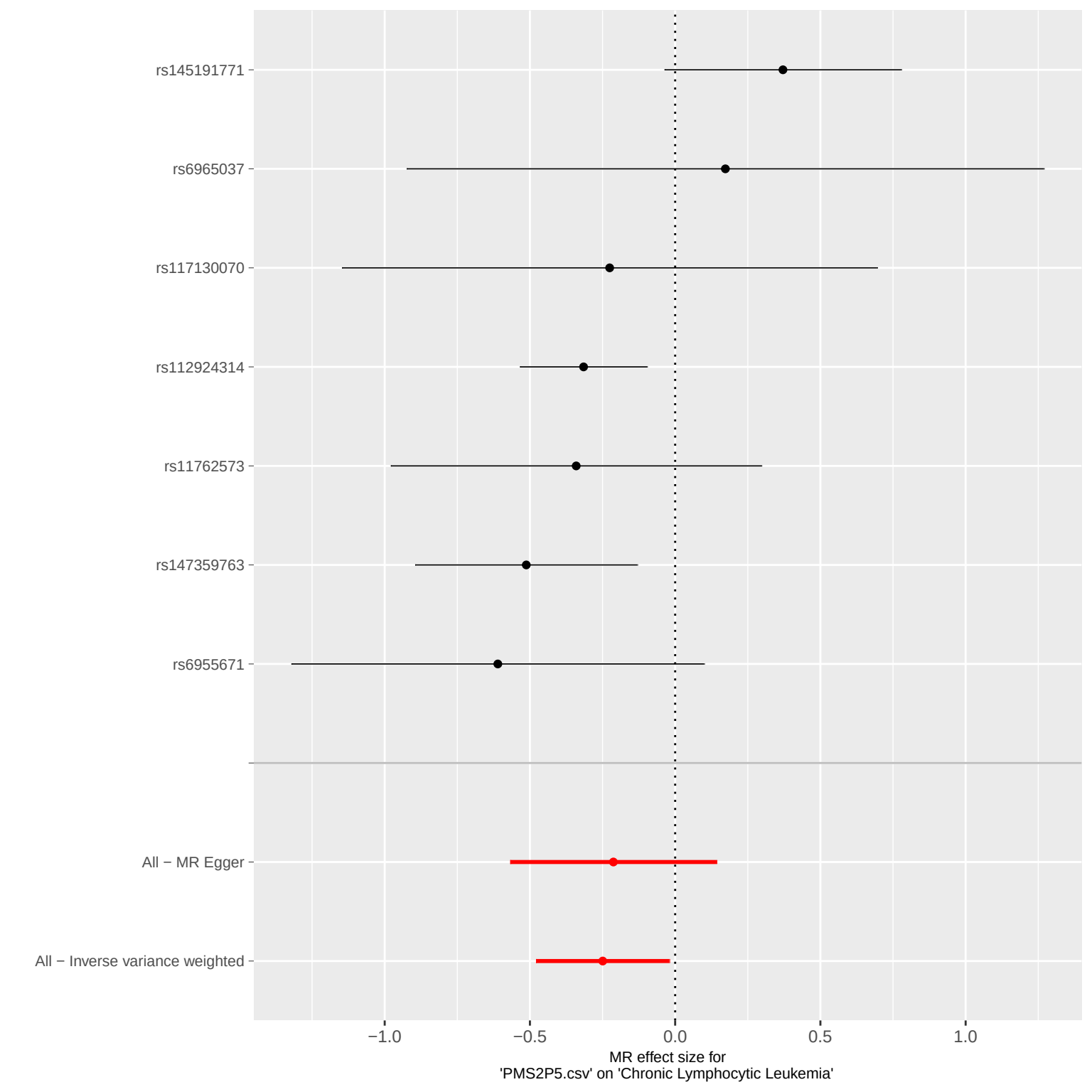
−0.5
0.0
0.5
1.0
MR effect size for
'PMS2P4.csv' on 'Chronic Lymphocytic Leukemia'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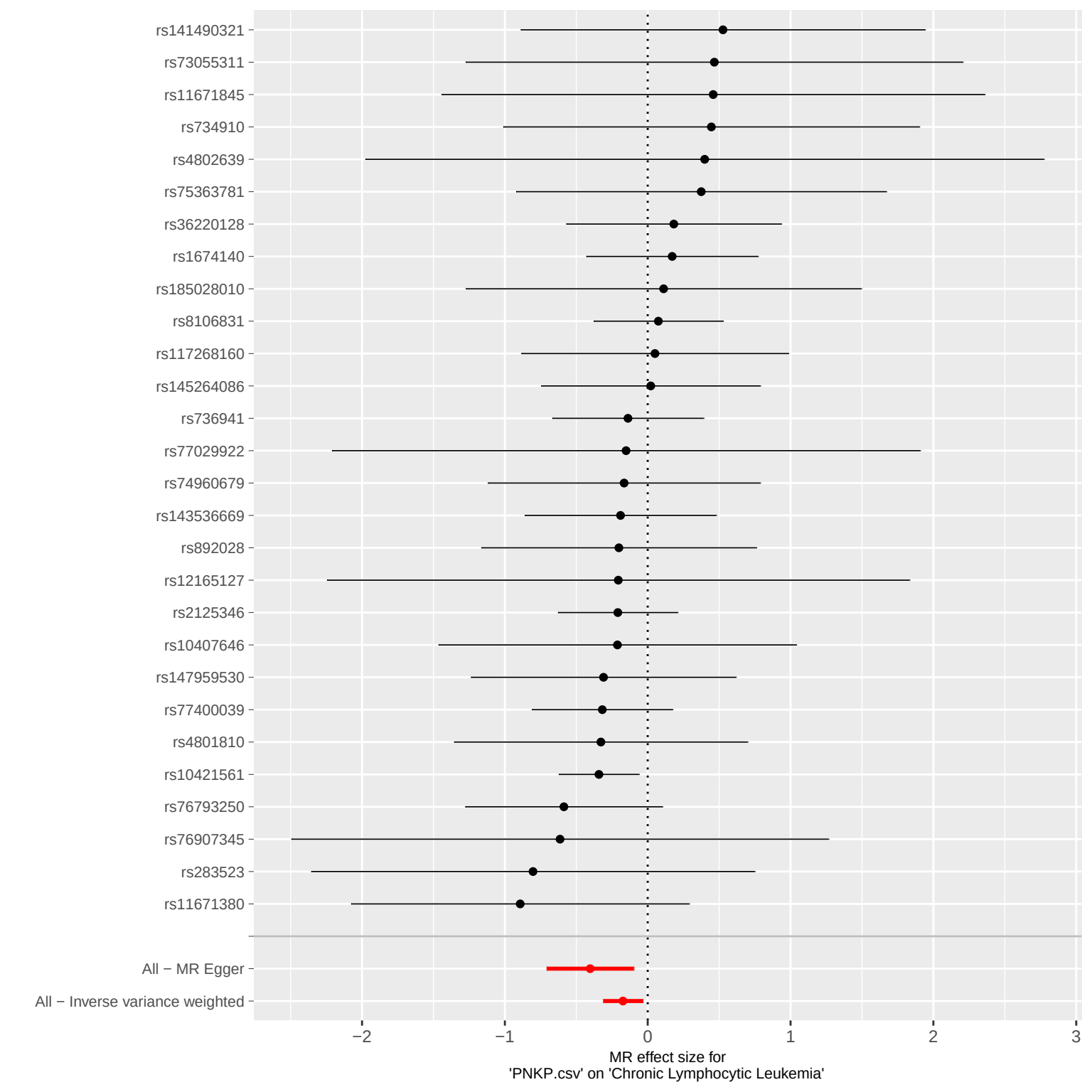
rs6965037
rs117130070
rs112924314
rs11762573
rs147359763
rs6955671
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'PMS2P5.csv' on 'Chronic Lymphocytic Leukemia'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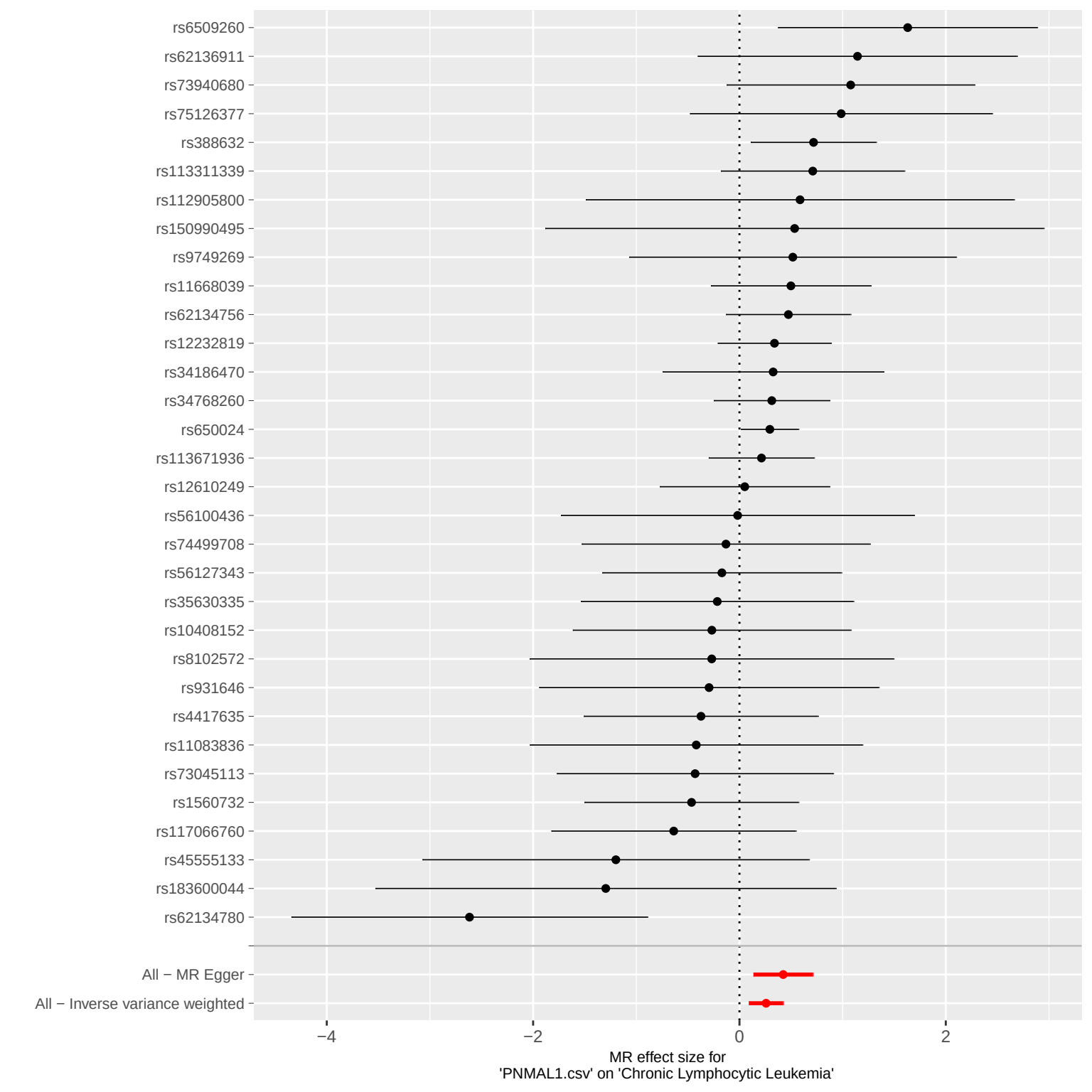
rs12165127
rs2125346
rs10407646
rs147959530
rs77400039
rs4801810
rs10421561
rs76793250
rs76907345
rs283523
rs11671380
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'PNKP.csv' on 'Chronic Lymphocytic Leukemia'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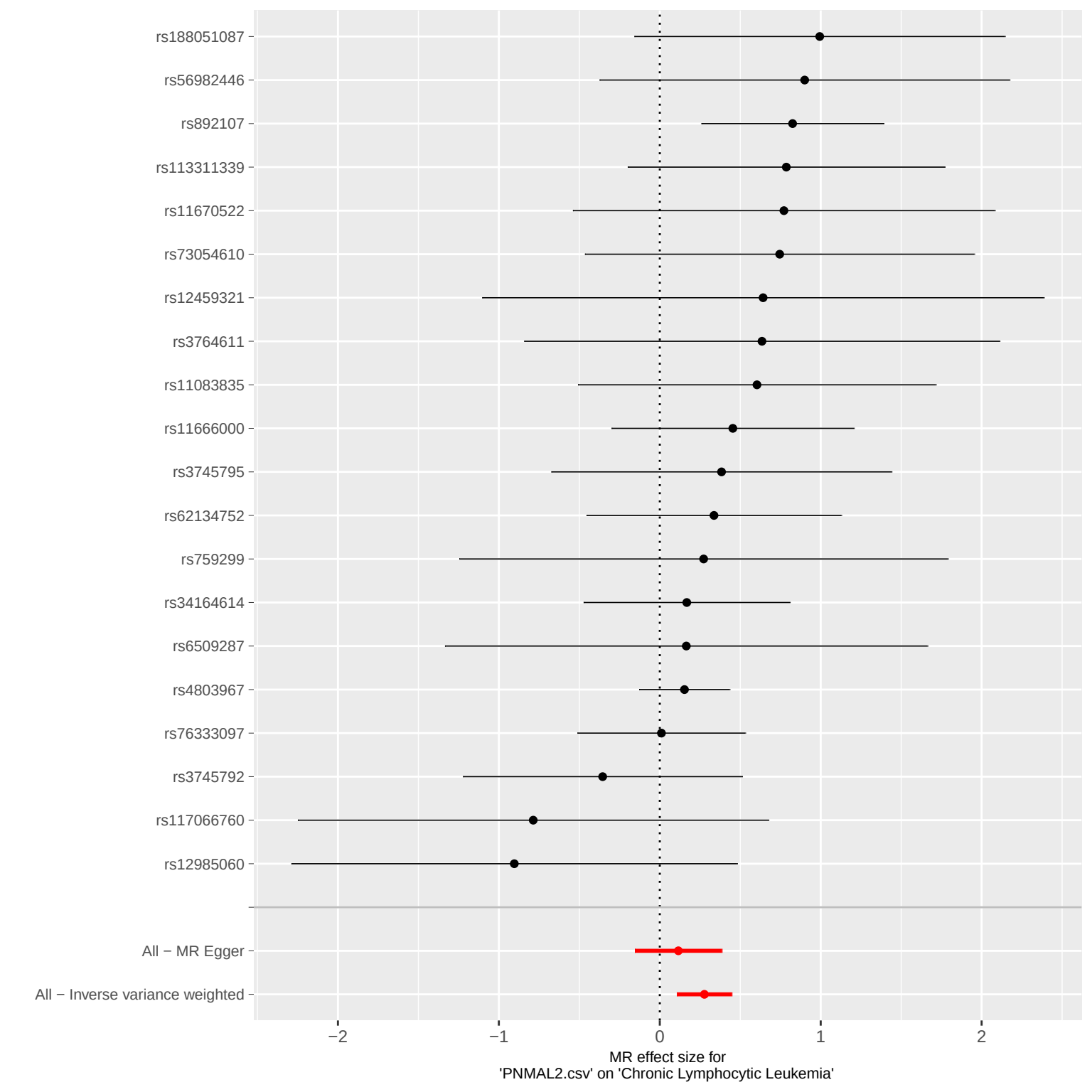
rs12610249
rs56100436
rs74499708
rs56127343
rs35630335
rs10408152
rs8102572
rs931646
rs4417635
rs11083836
rs73045113
rs1560732
rs117066760
rs45555133
rs183600044
rs62134780
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PNMAL1.csv' on 'Chronic Lymphocytic Leukemia'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rs56982446
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rs113311339
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rs3764611
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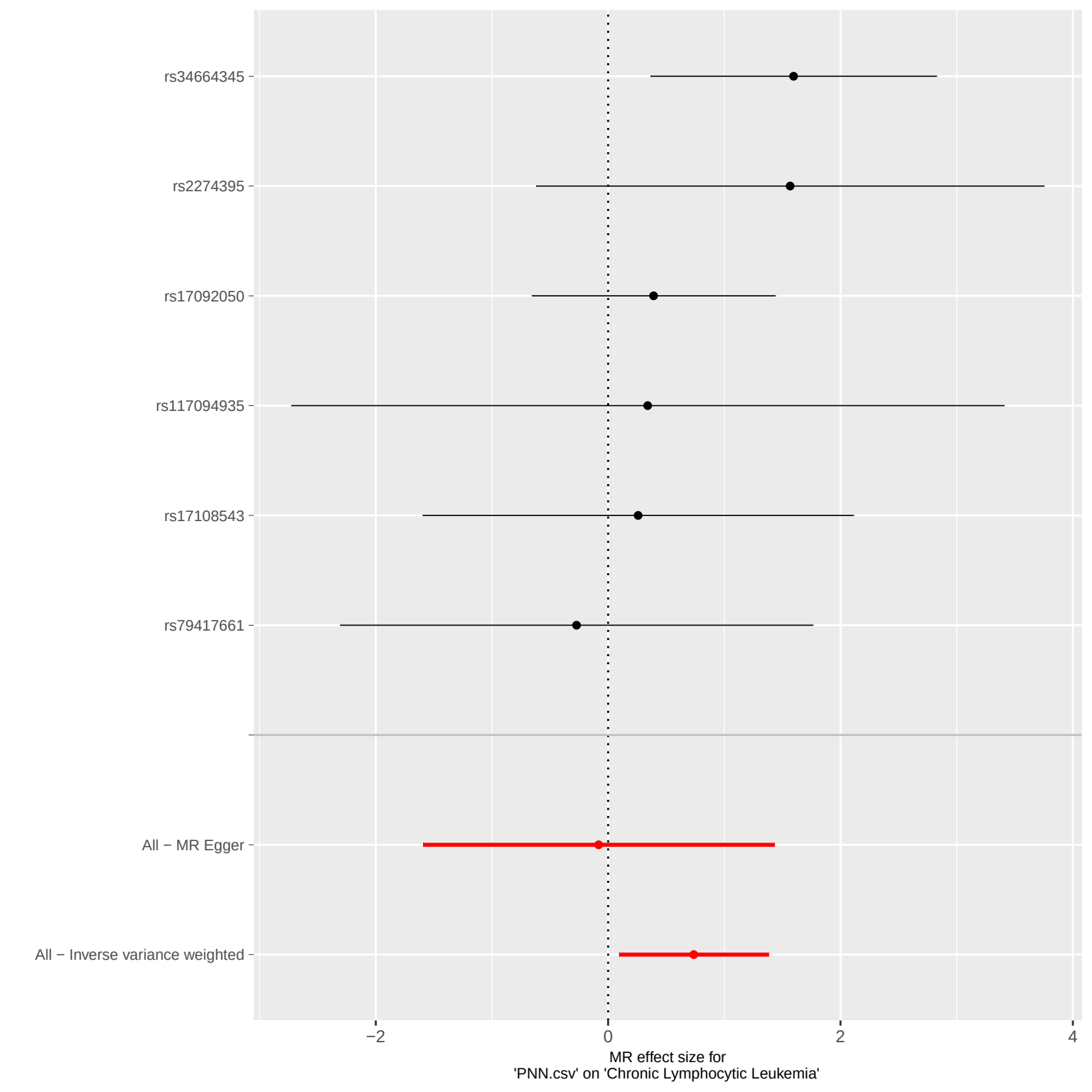
rs759299
rs34164614
rs6509287
rs4803967
rs76333097
rs3745792
rs117066760
rs12985060
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'PNMAL2.csv' on 'Chronic Lymphocytic Leukemia'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rs2274395
rs17092050
rs117094935
rs17108543
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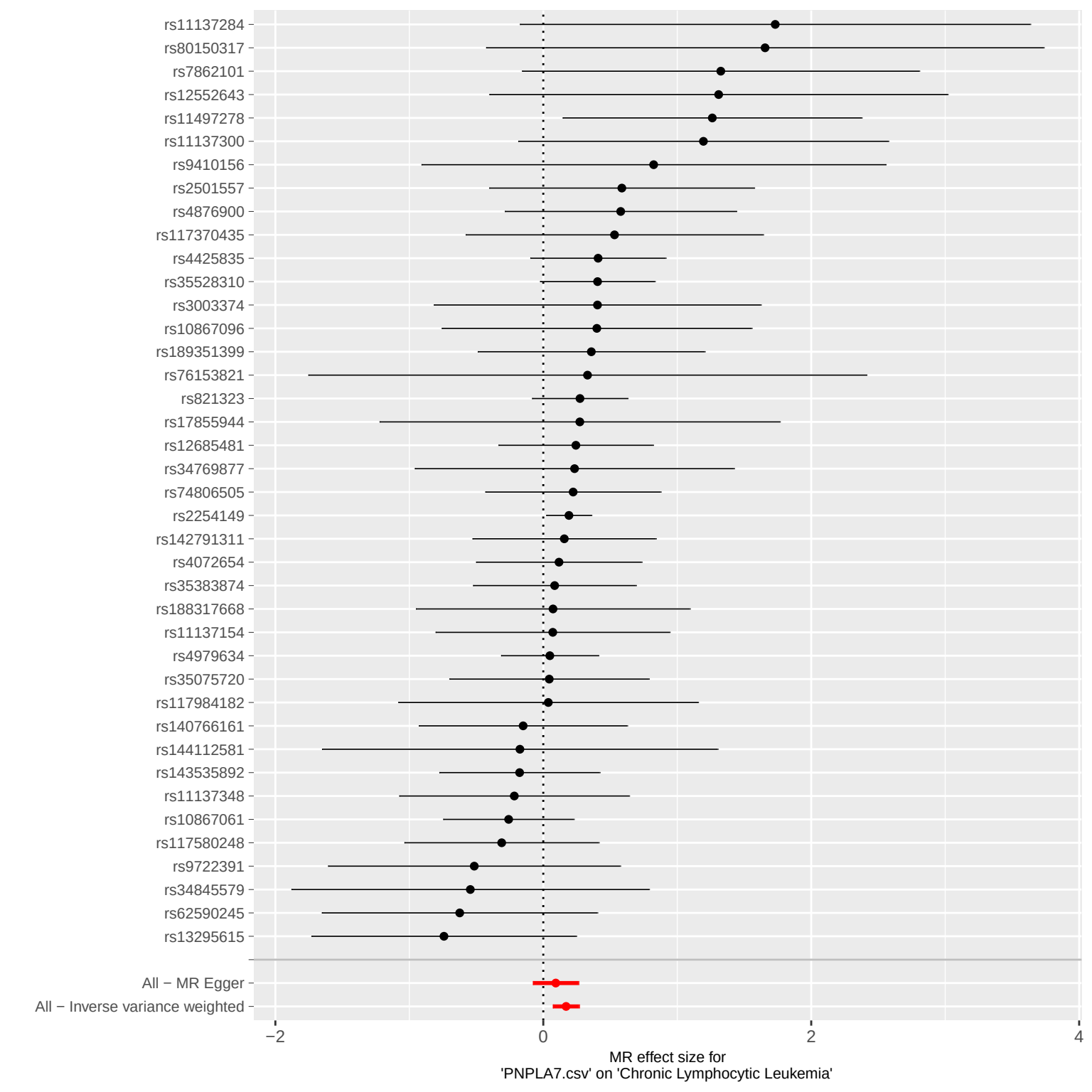
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PNN.csv' on 'Chronic Lymphocytic Leukemia'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rs117984182
rs140766161
rs144112581
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rs10867061
rs117580248
rs9722391
rs34845579
rs62590245
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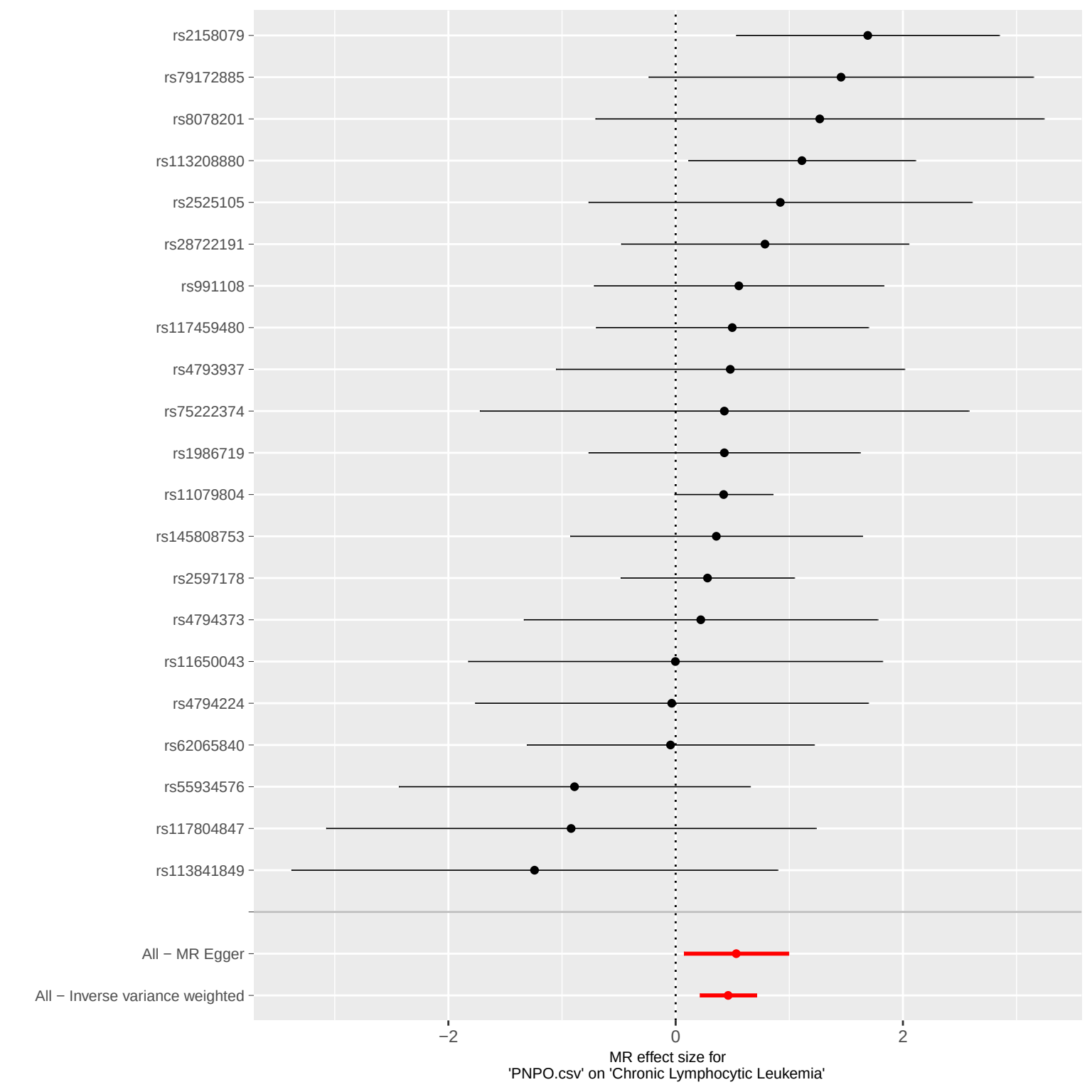
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PNPLA7.csv' on 'Chronic Lymphocytic Leukemia'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rs11079804
rs145808753
rs2597178
rs4794373
rs11650043
rs4794224
rs62065840
rs55934576
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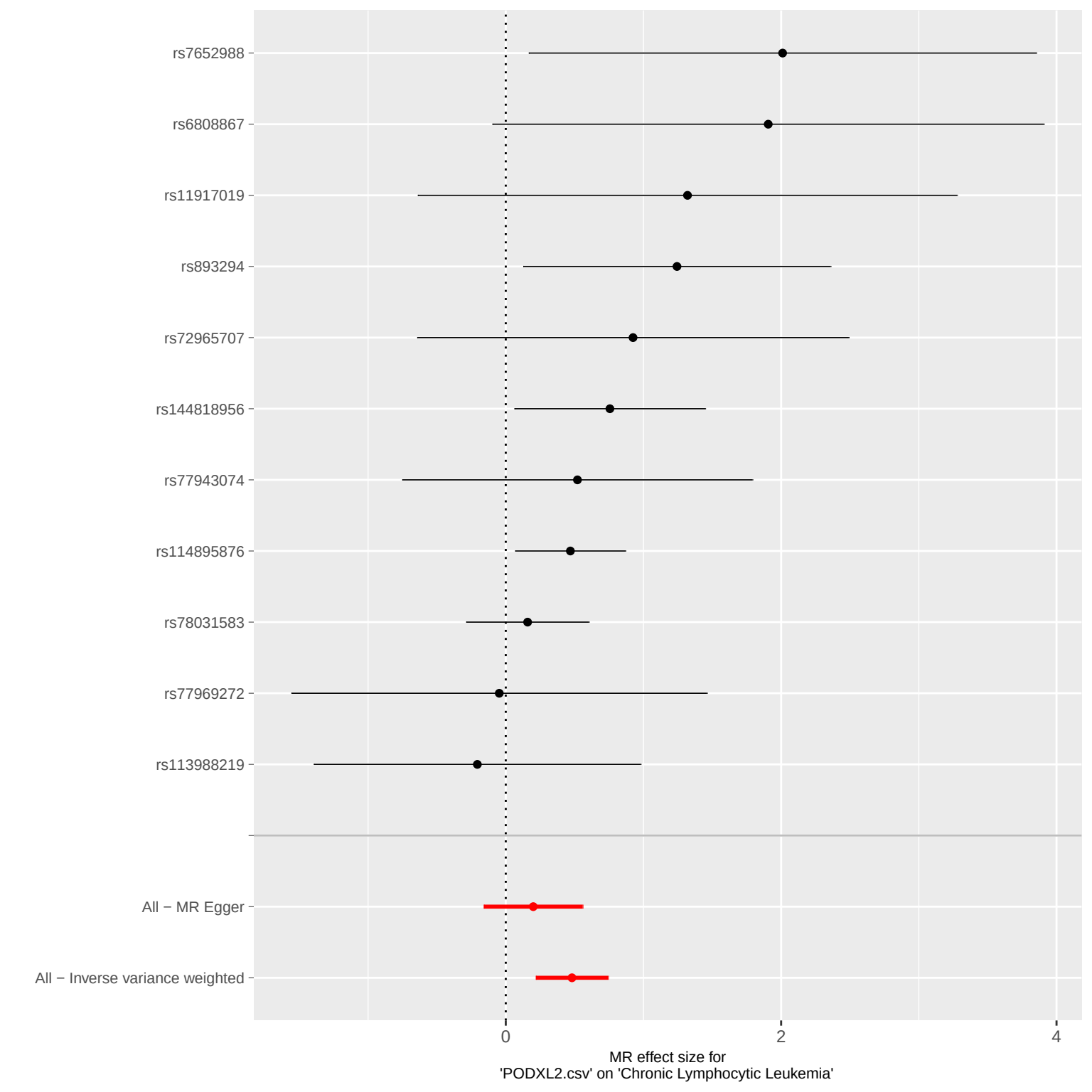
rs113841849
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PNPO.csv' on 'Chronic Lymphocytic Leukemia'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rs6808867
rs11917019
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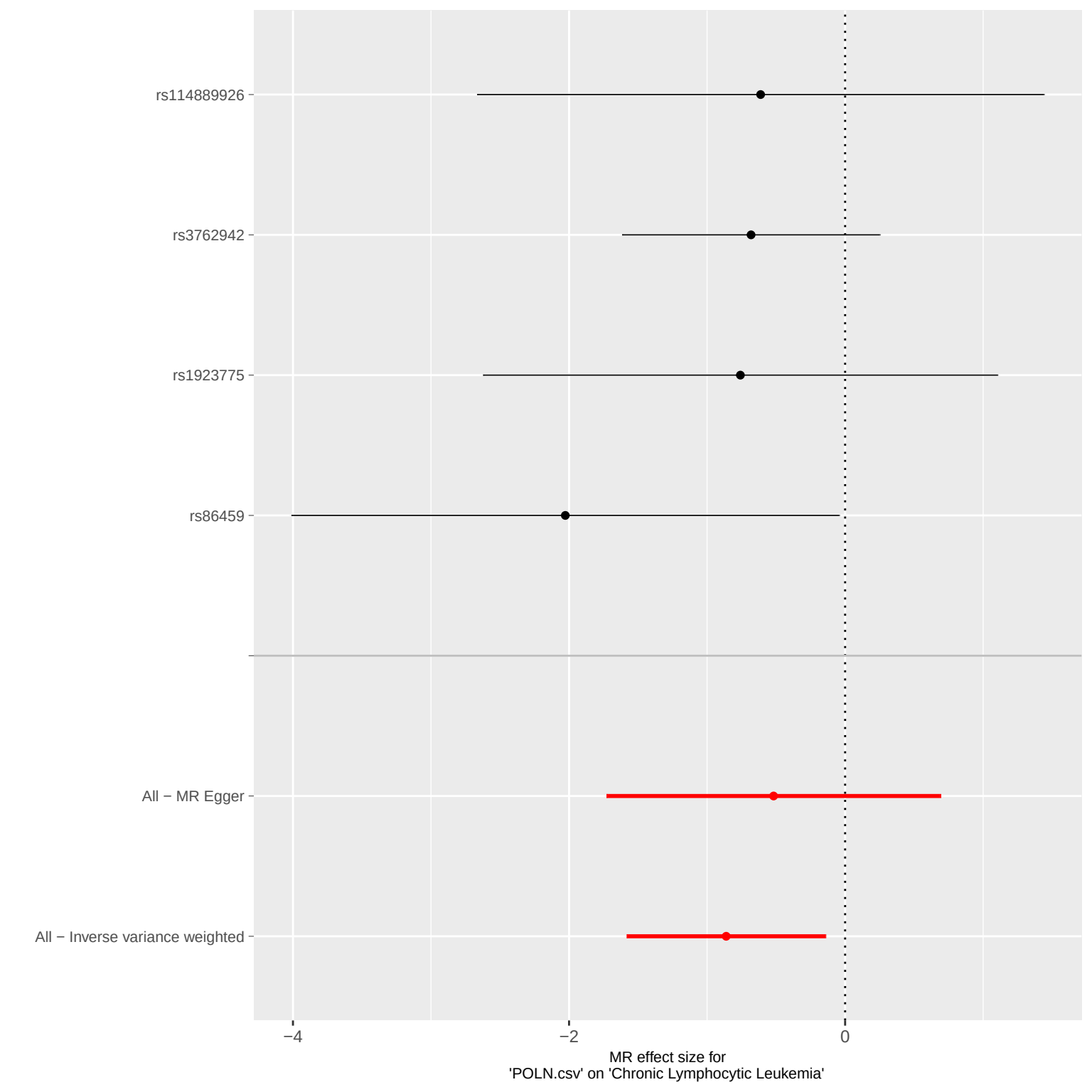
rs72965707
rs144818956
rs77943074
rs114895876
rs78031583
rs77969272
rs113988219
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'PODXL2.csv' on 'Chronic Lymphocytic Leukemia'


rs114889926
rs3762942
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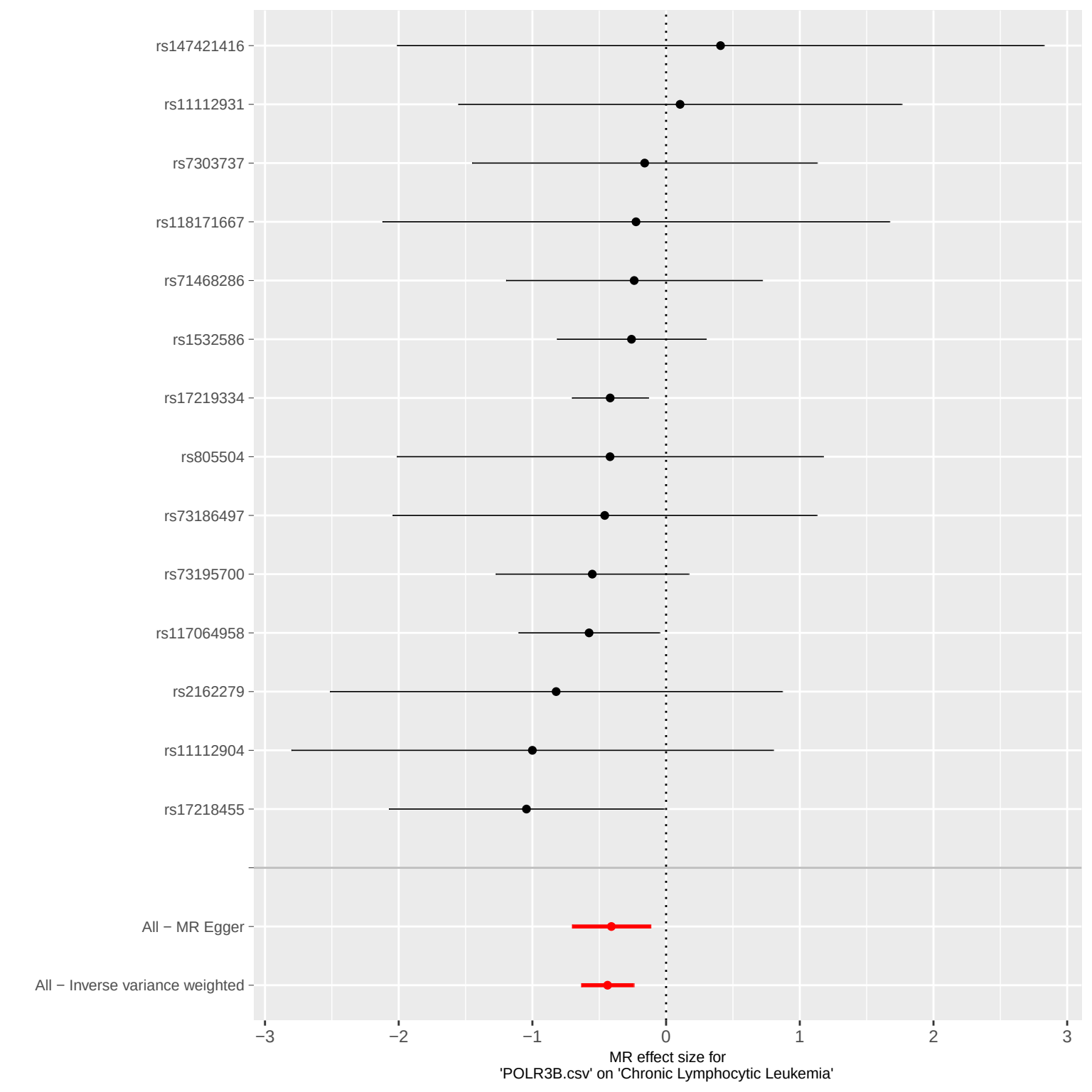
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'POLN.csv' on 'Chronic Lymphocytic Leukemia'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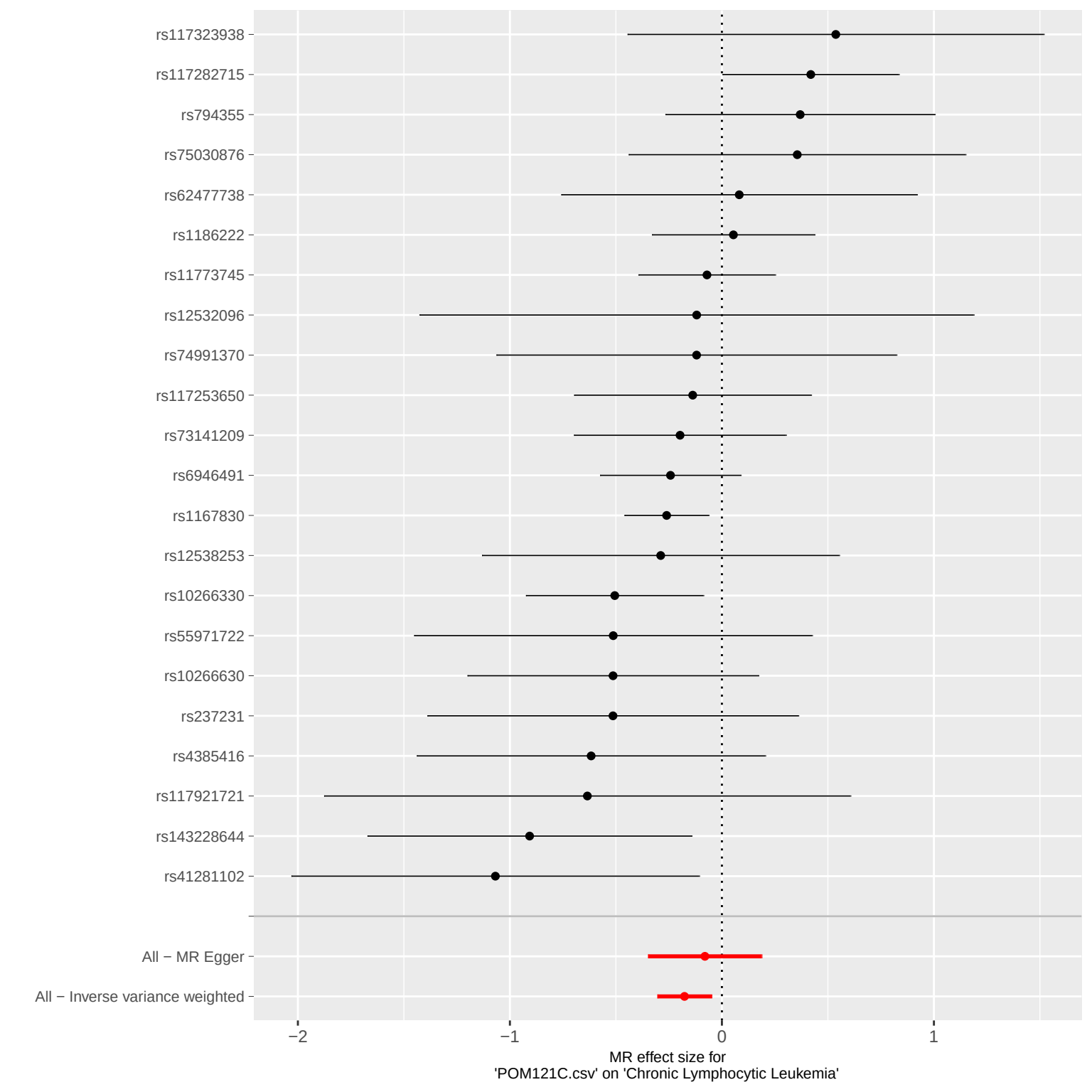
rs2162279
rs11112904
rs17218455
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'POLR3B.csv' on 'Chronic Lymphocytic Leukemia'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rs6946491
rs1167830
rs12538253
rs10266330
rs55971722
rs10266630
rs237231
rs4385416
rs117921721
rs143228644
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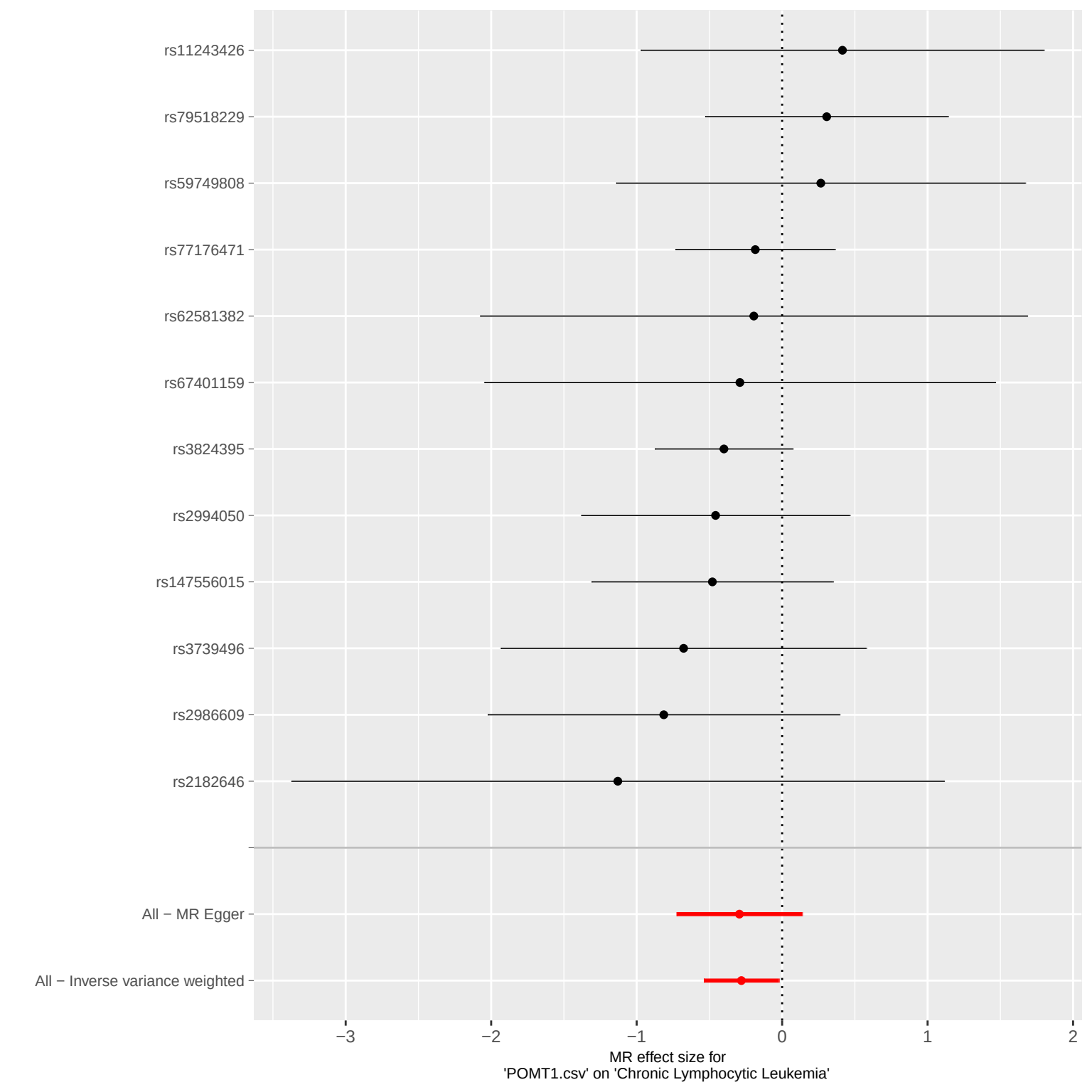
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'POM121C.csv' on 'Chronic Lymphocytic Leukemia'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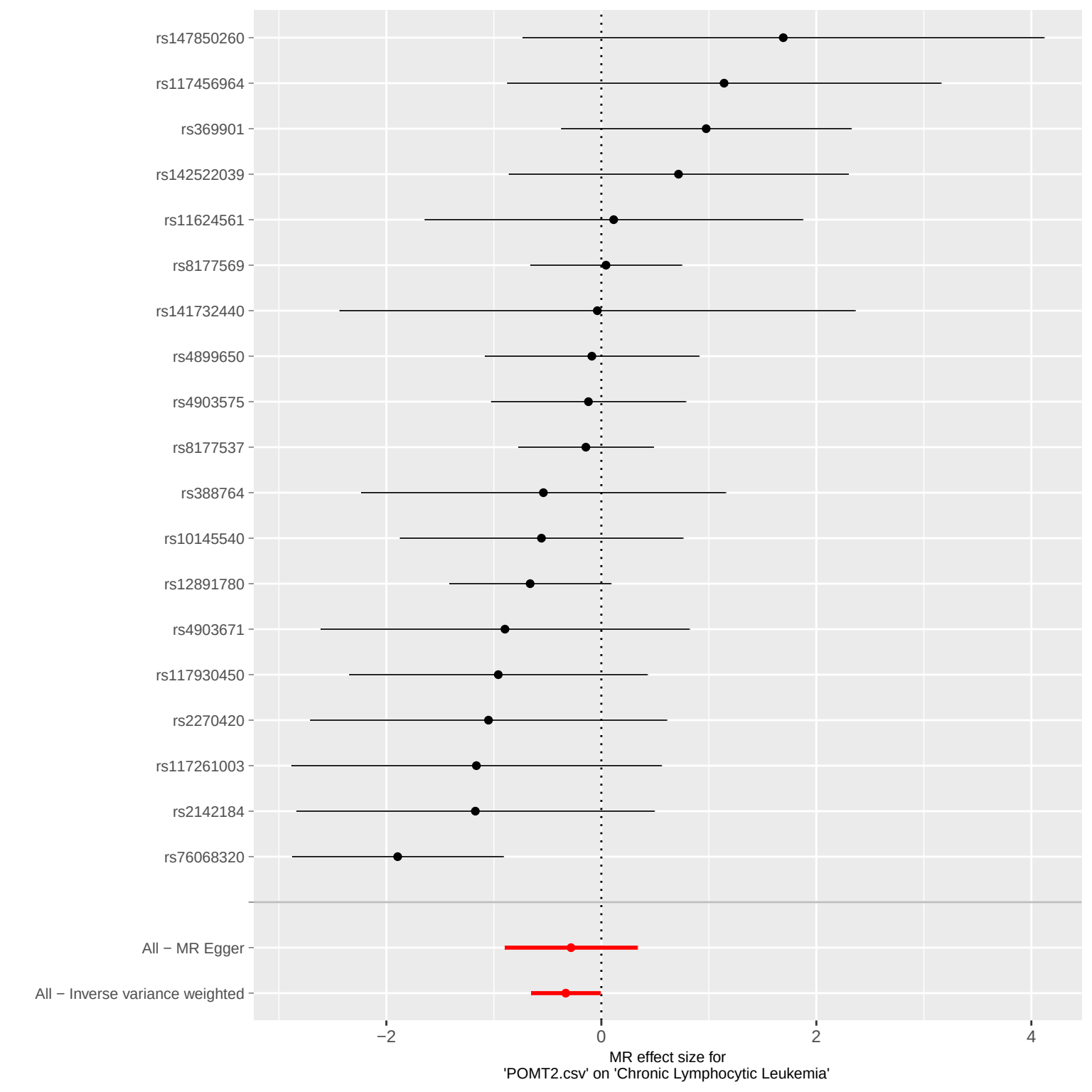
rs62581382
rs67401159
rs3824395
rs2994050
rs147556015
rs3739496
rs2986609
rs2182646
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'POMT1.csv' on 'Chronic Lymphocytic Leukemia'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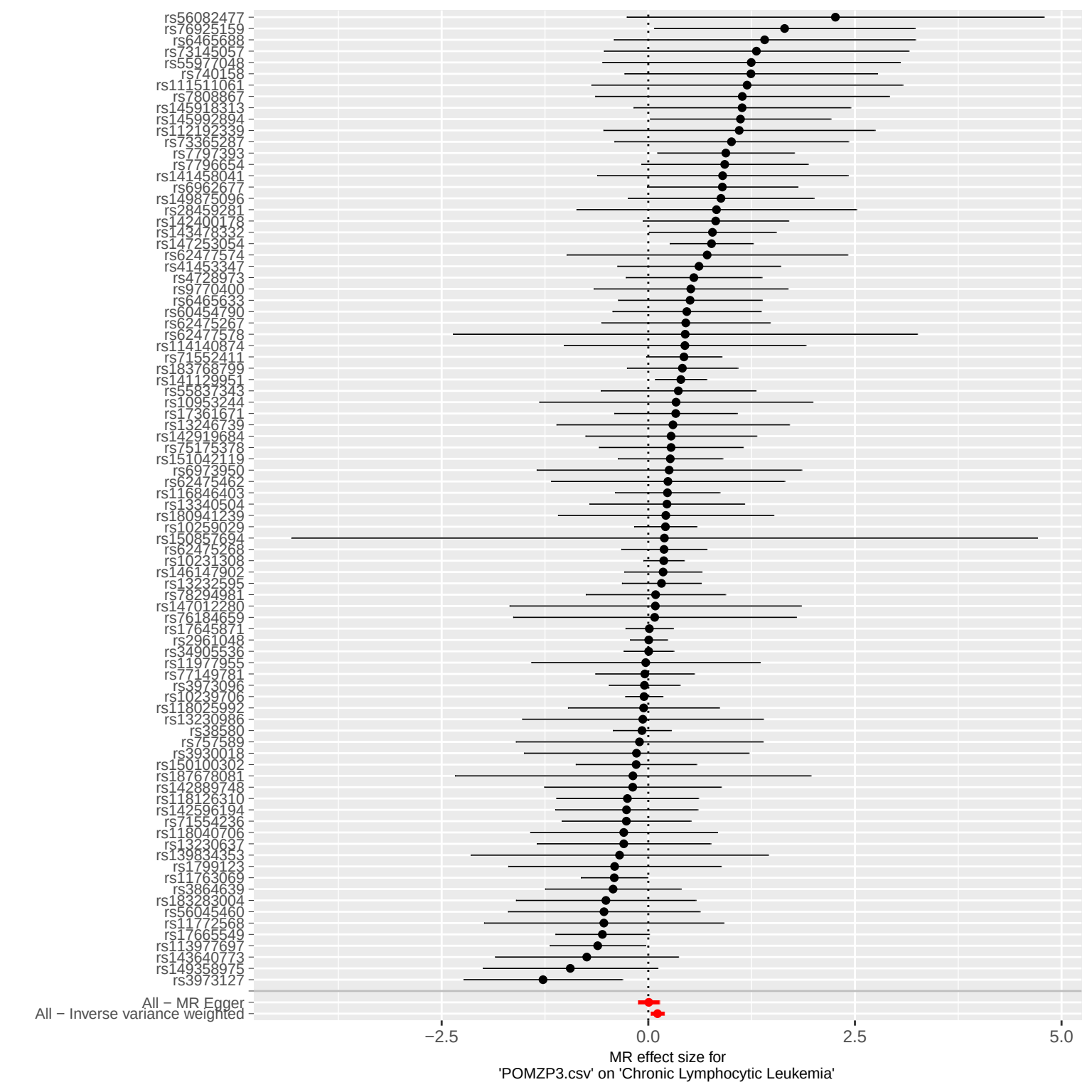
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'POMT2.csv' on 'Chronic Lymphocytic Leukemia'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rs3864639
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rs56045460
rs11772568
rs17665549
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rs143640773
rs149358975
rs3973127
All − MR Egger
All − Inverse variance weighted
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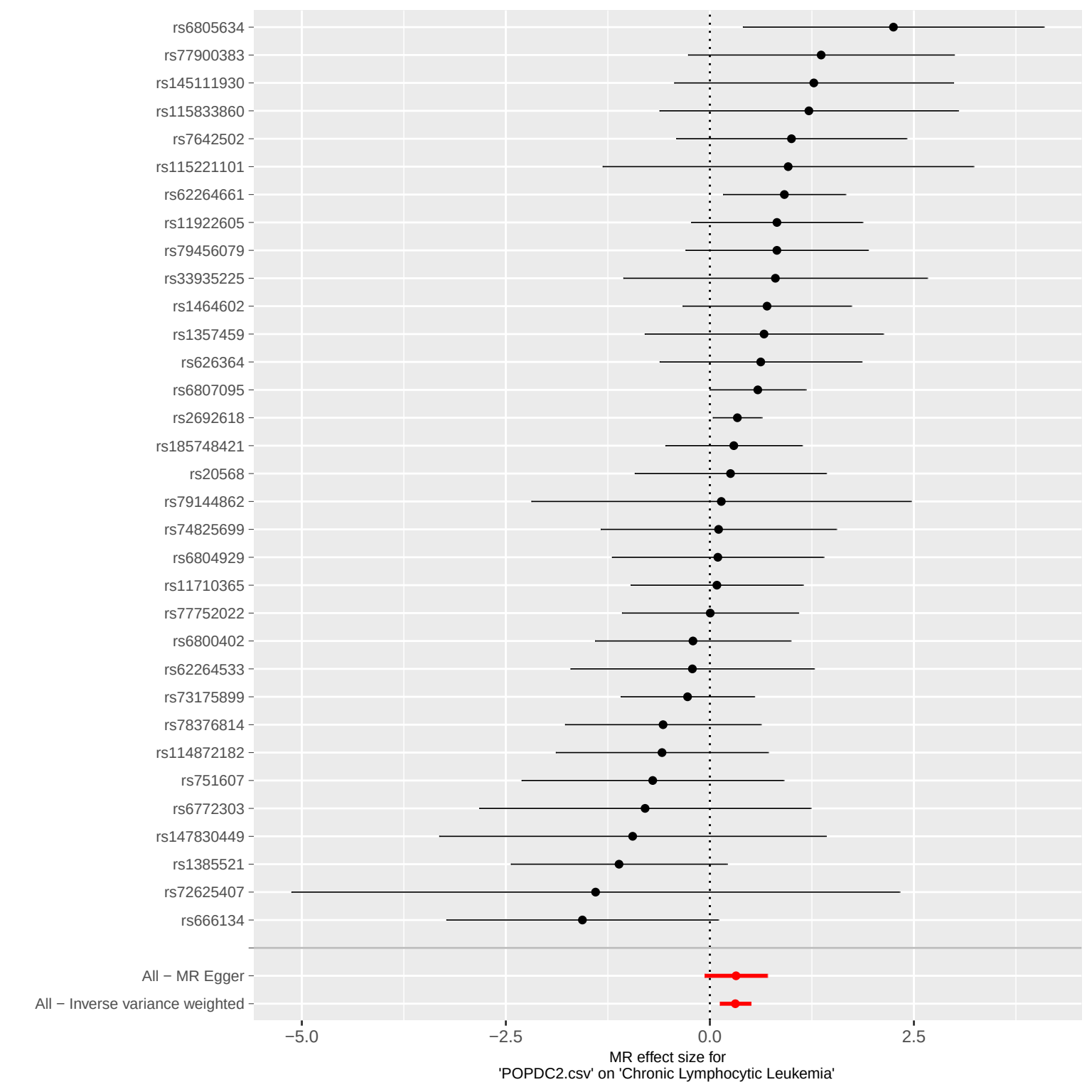
2.5
5.0
MR effect size for
'POMZP3.csv' on 'Chronic Lymphocytic Leukemia'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rs185748421
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rs11710365
rs77752022
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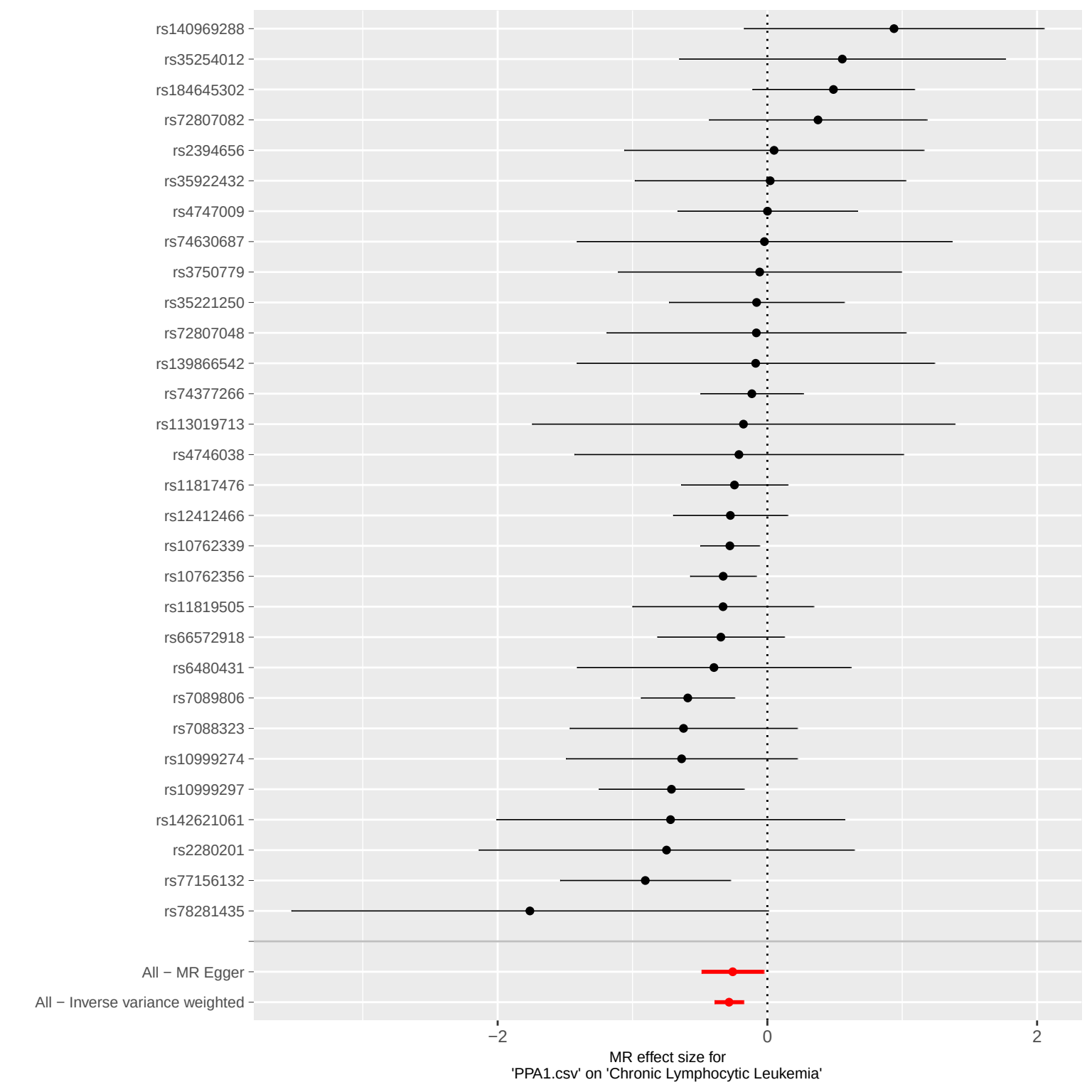
rs62264533
rs73175899
rs78376814
rs114872182
rs751607
rs6772303
rs147830449
rs1385521
rs72625407
rs666134
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'POPDC2.csv' on 'Chronic Lymphocytic Leukemia'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rs66572918
rs6480431
rs7089806
rs7088323
rs10999274
rs10999297
rs142621061
rs2280201
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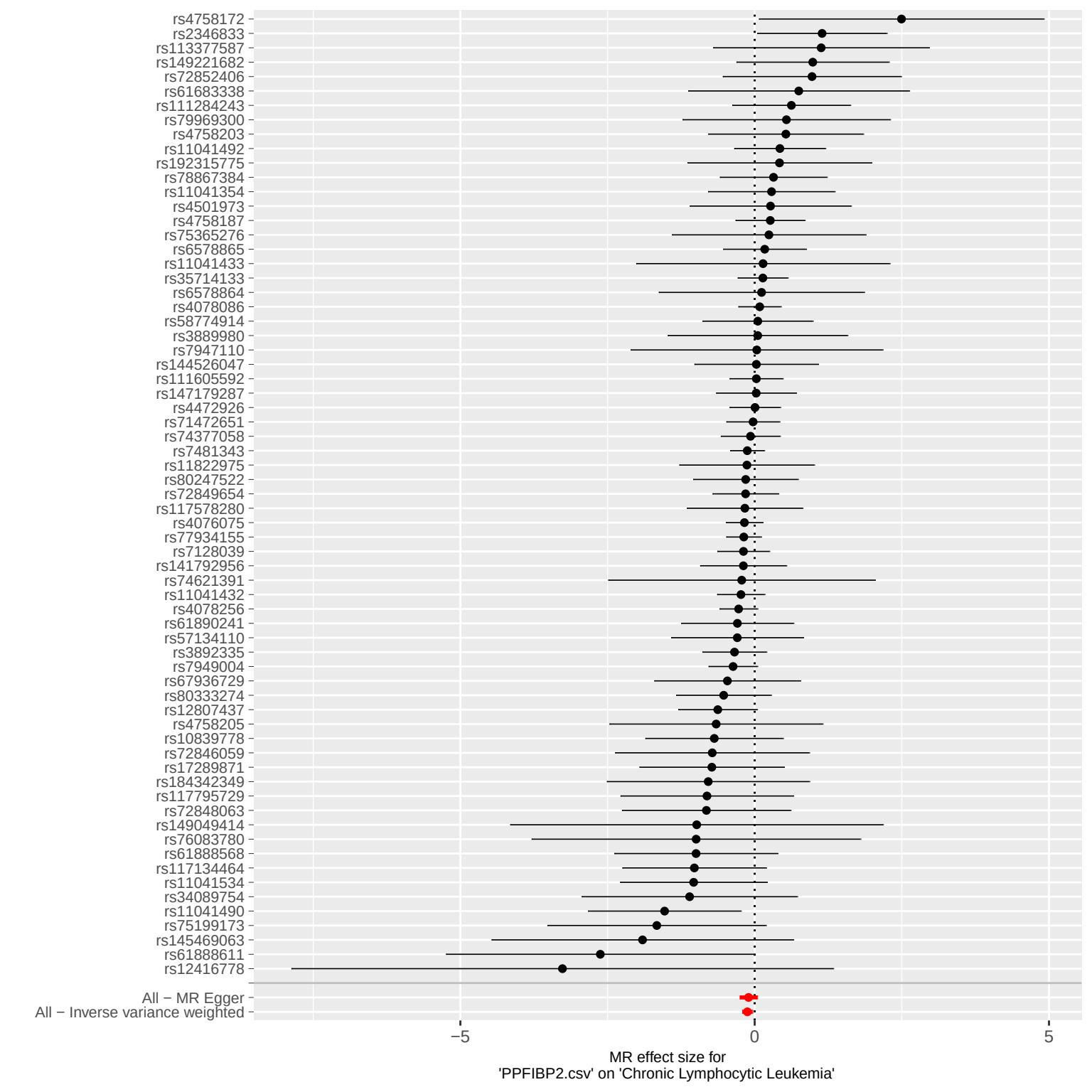
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PPA1.csv' on 'Chronic Lymphocytic Leukemia'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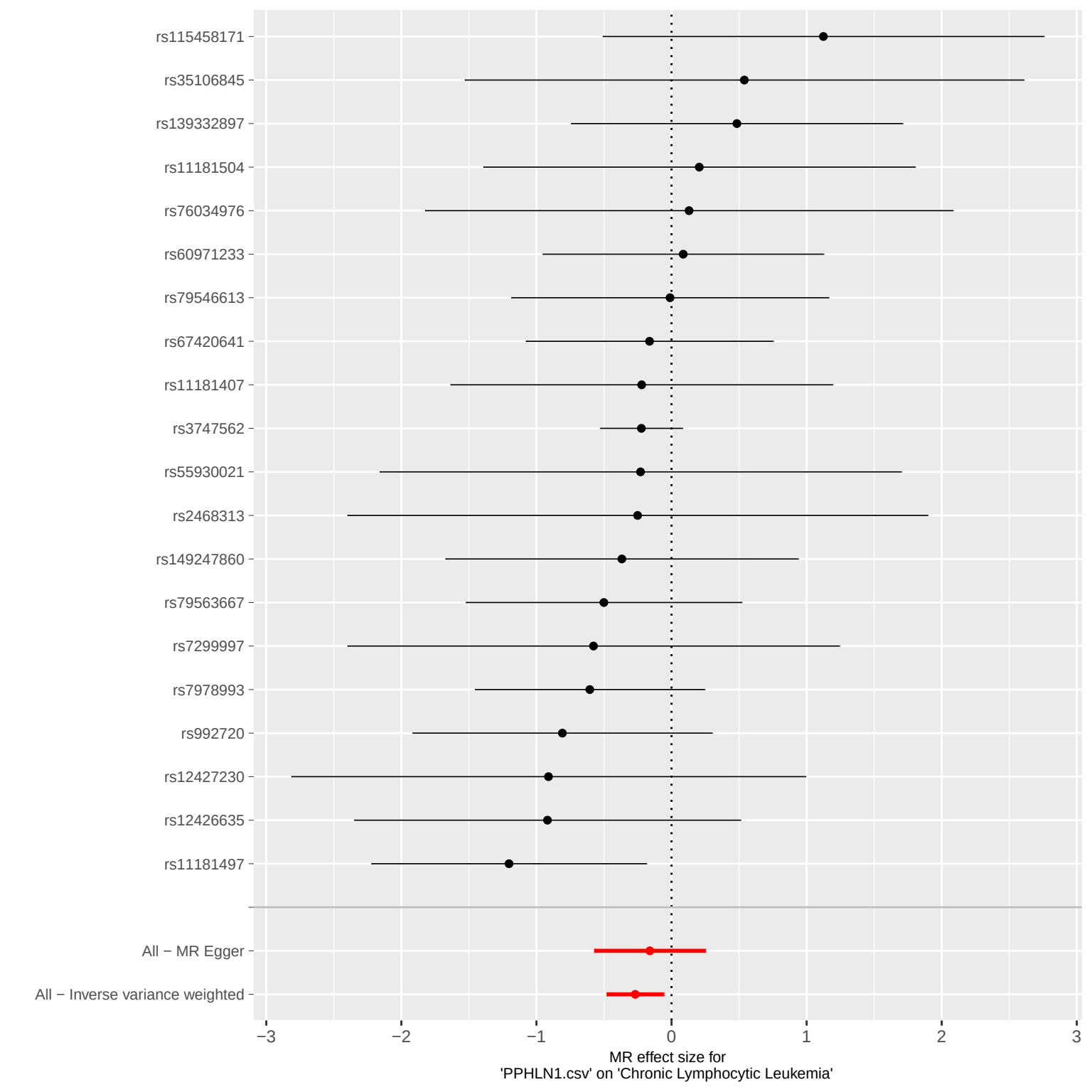
rs117134464
rs11041534
rs34089754
rs11041490
rs75199173
rs145469063
rs61888611
rs12416778
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'PPFIBP2.csv' on 'Chronic Lymphocytic Leukemia'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rs60971233
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rs67420641
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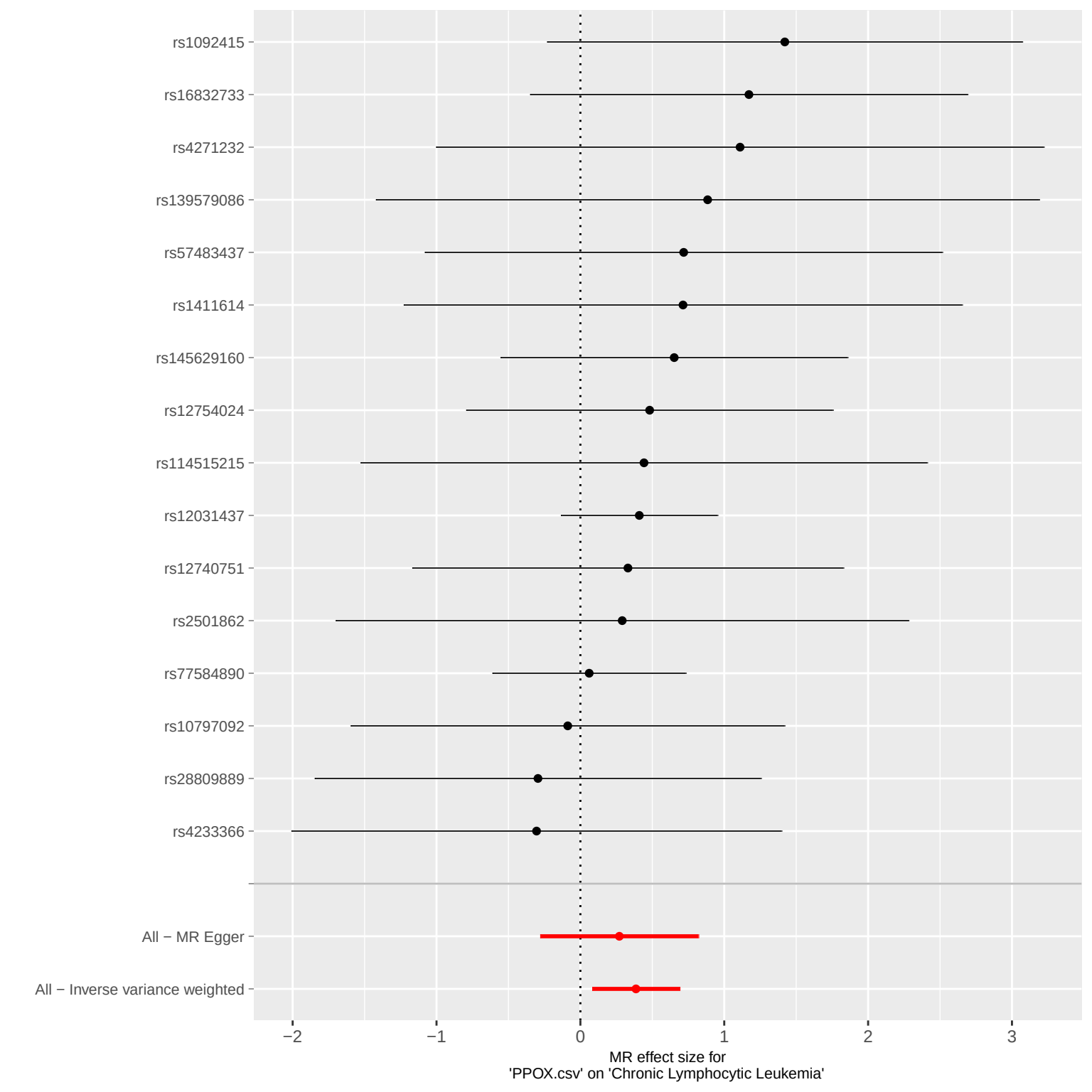
rs2468313
rs149247860
rs79563667
rs7299997
rs7978993
rs992720
rs12427230
rs12426635
rs11181497
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'PPHLN1.csv' on 'Chronic Lymphocytic Leukemia'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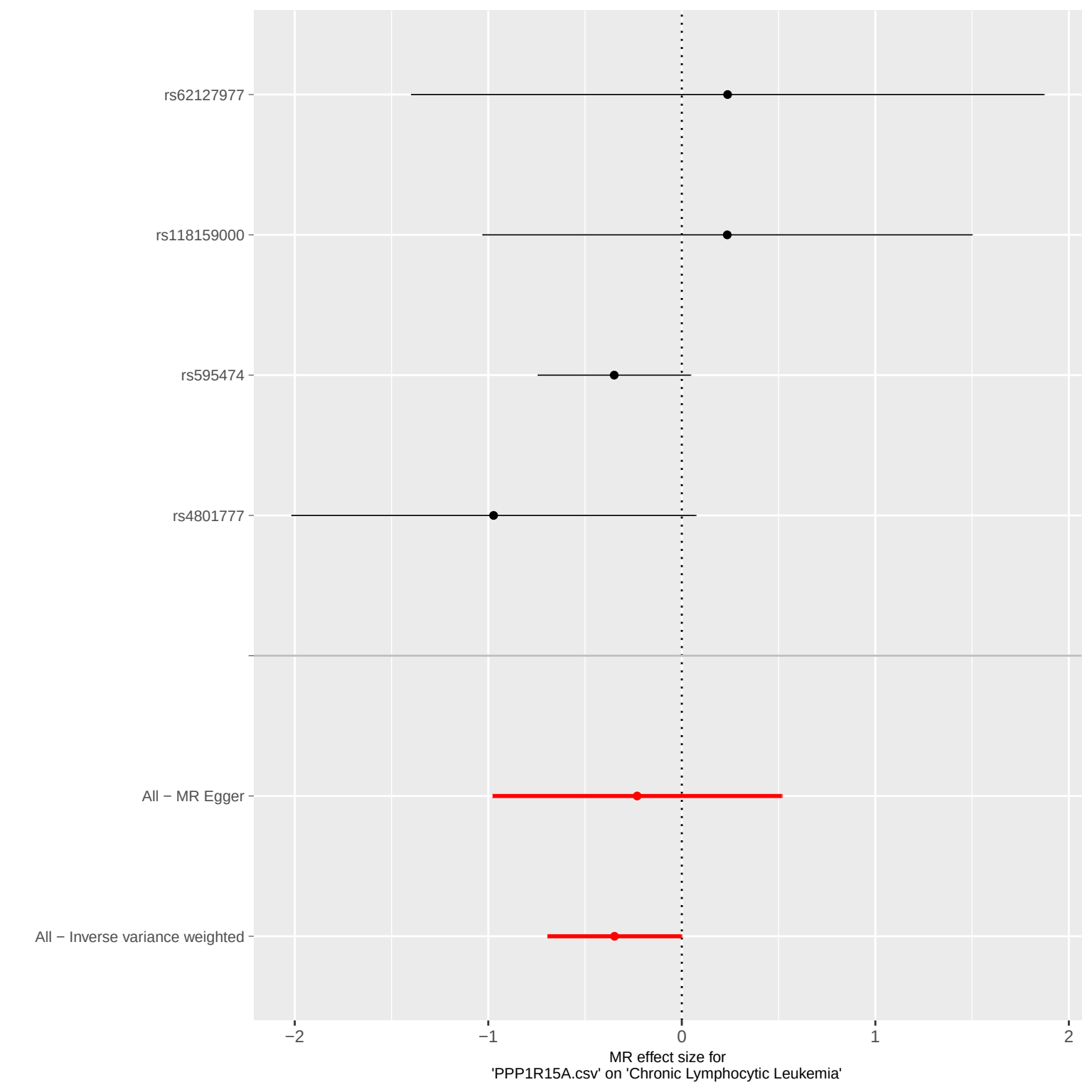
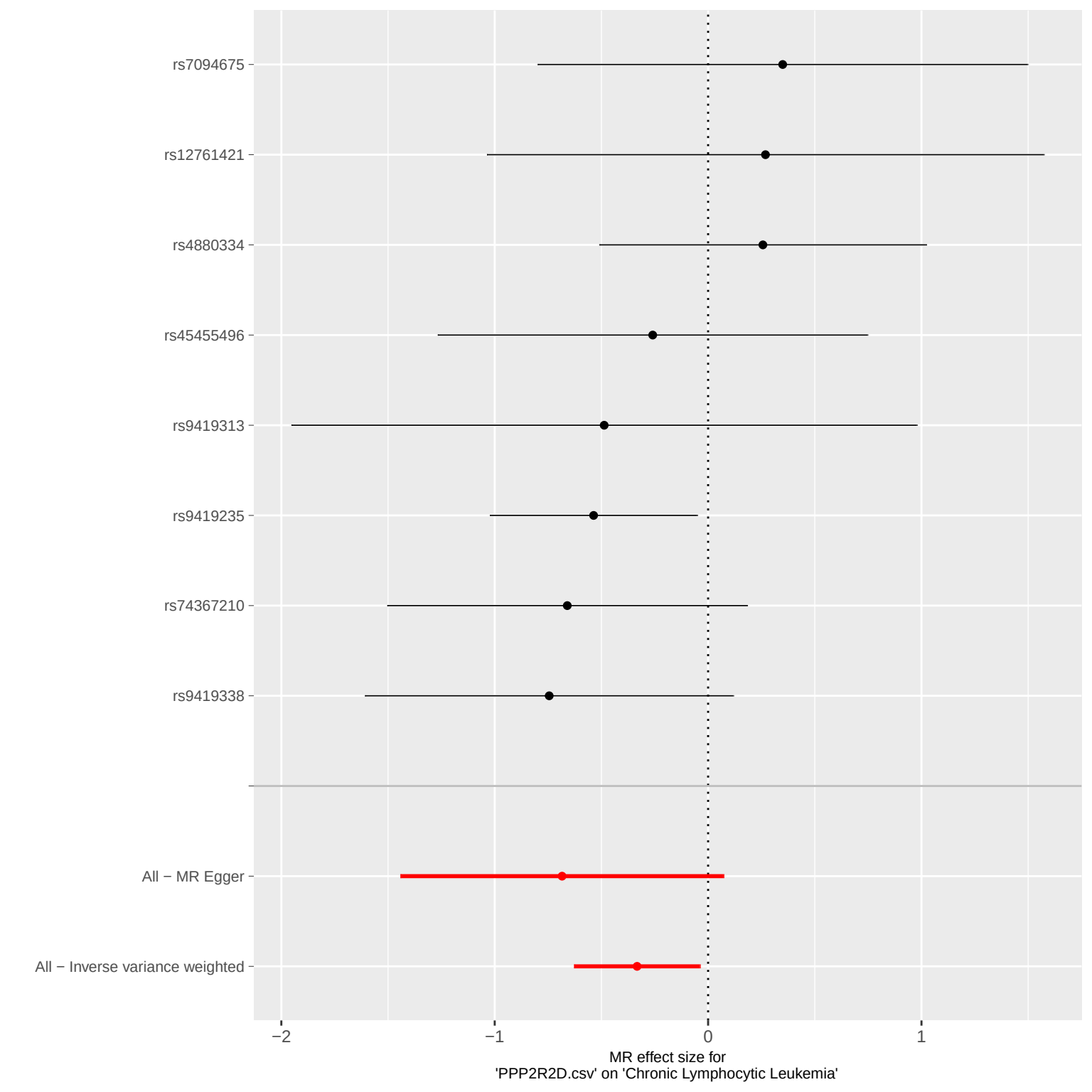
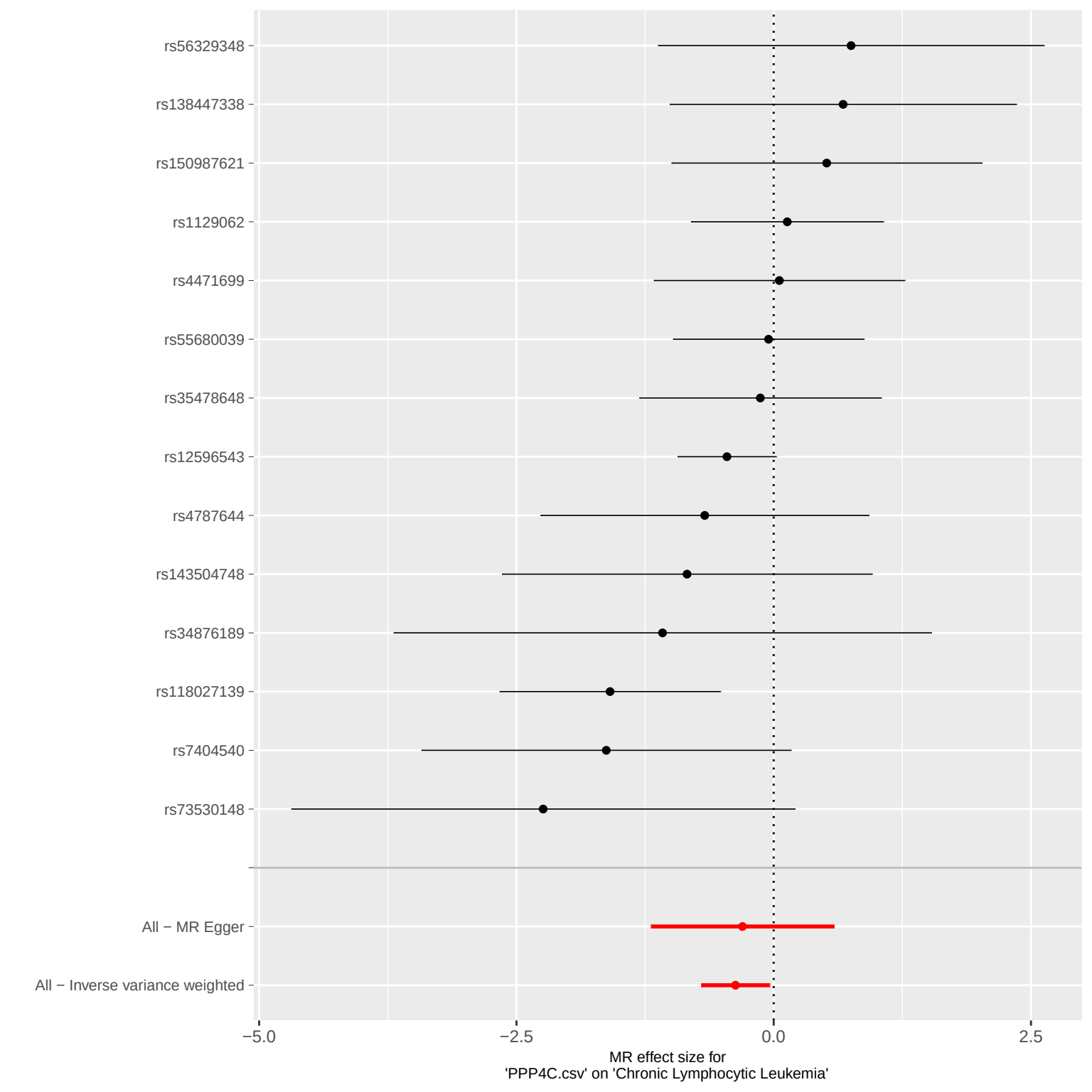
rs12754024
rs114515215
rs12031437
rs12740751
rs2501862
rs77584890
rs10797092
rs28809889
rs4233366
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'PPOX.csv' on 'Chronic Lymphocytic Leukemia'


rs62127977
rs118159000
rs595474
rs4801777
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'PPP1R15A.csv' on 'Chronic Lymphocytic Leukemia'


rs7094675
rs12761421
rs4880334
rs45455496
rs9419313
rs9419235
rs74367210
rs9419338
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'PPP2R2D.csv' on 'Chronic Lymphocytic Leukemia'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rs138447338
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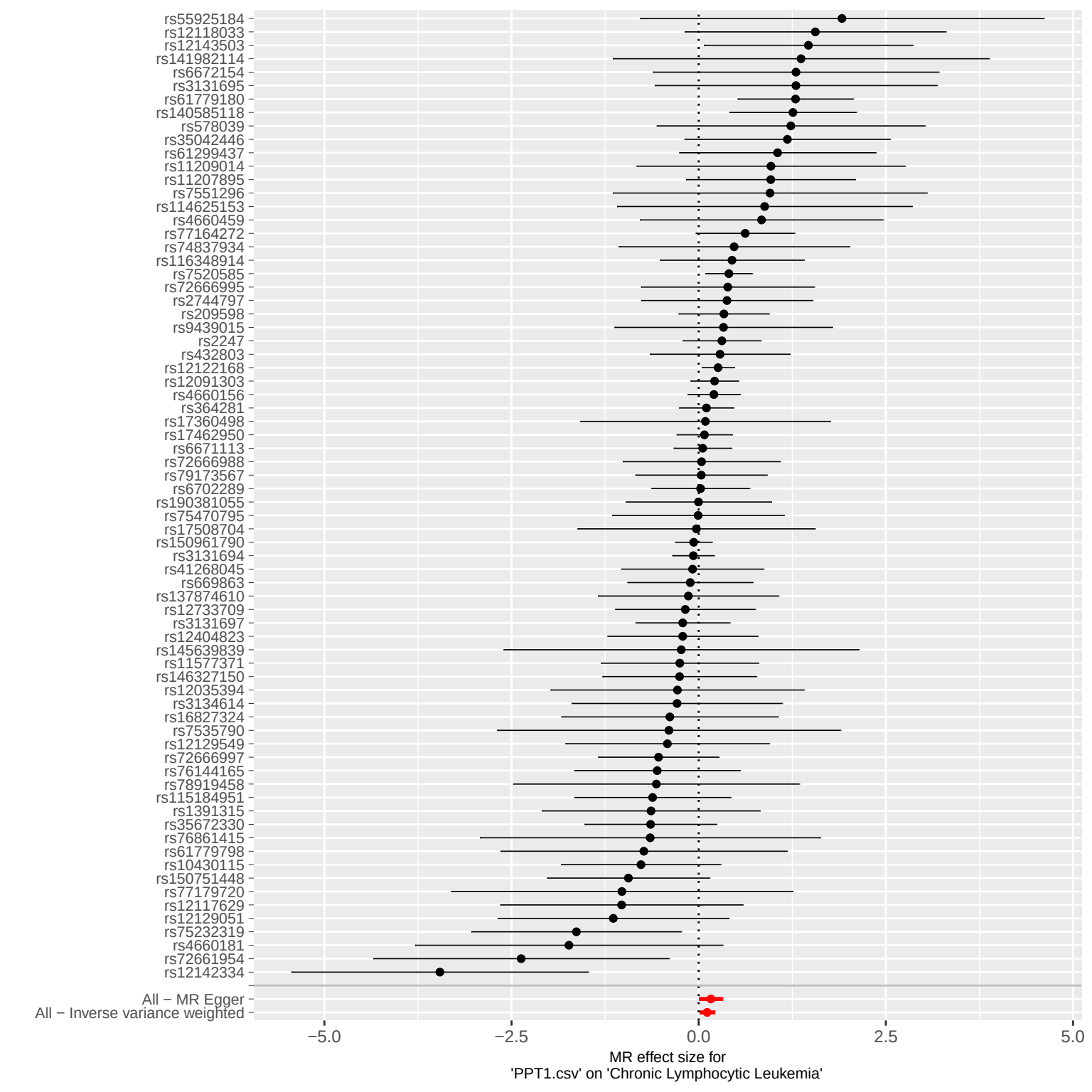
rs1129062
rs4471699
rs55680039
rs35478648
rs12596543
rs4787644
rs143504748
rs34876189
rs118027139
rs7404540
rs73530148
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PPP4C.csv' on 'Chronic Lymphocytic Leukemia'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rs61779180
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rs11207895
rs7551296
rs114625153
rs4660459
rs77164272
rs74837934
rs116348914
rs7520585
rs72666995
rs2744797
rs209598
rs9439015
rs2247
rs432803
rs12122168
rs12091303
rs4660156
rs364281
rs17360498
rs17462950
rs6671113
rs72666988
rs79173567
rs6702289
rs190381055
rs75470795
rs17508704
rs150961790
rs3131694
rs41268045
rs669863
rs137874610
rs12733709
rs3131697
rs12404823
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rs11577371
rs146327150
rs12035394
rs3134614
rs16827324
rs7535790
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rs76144165
rs78919458
rs115184951
rs1391315
rs35672330
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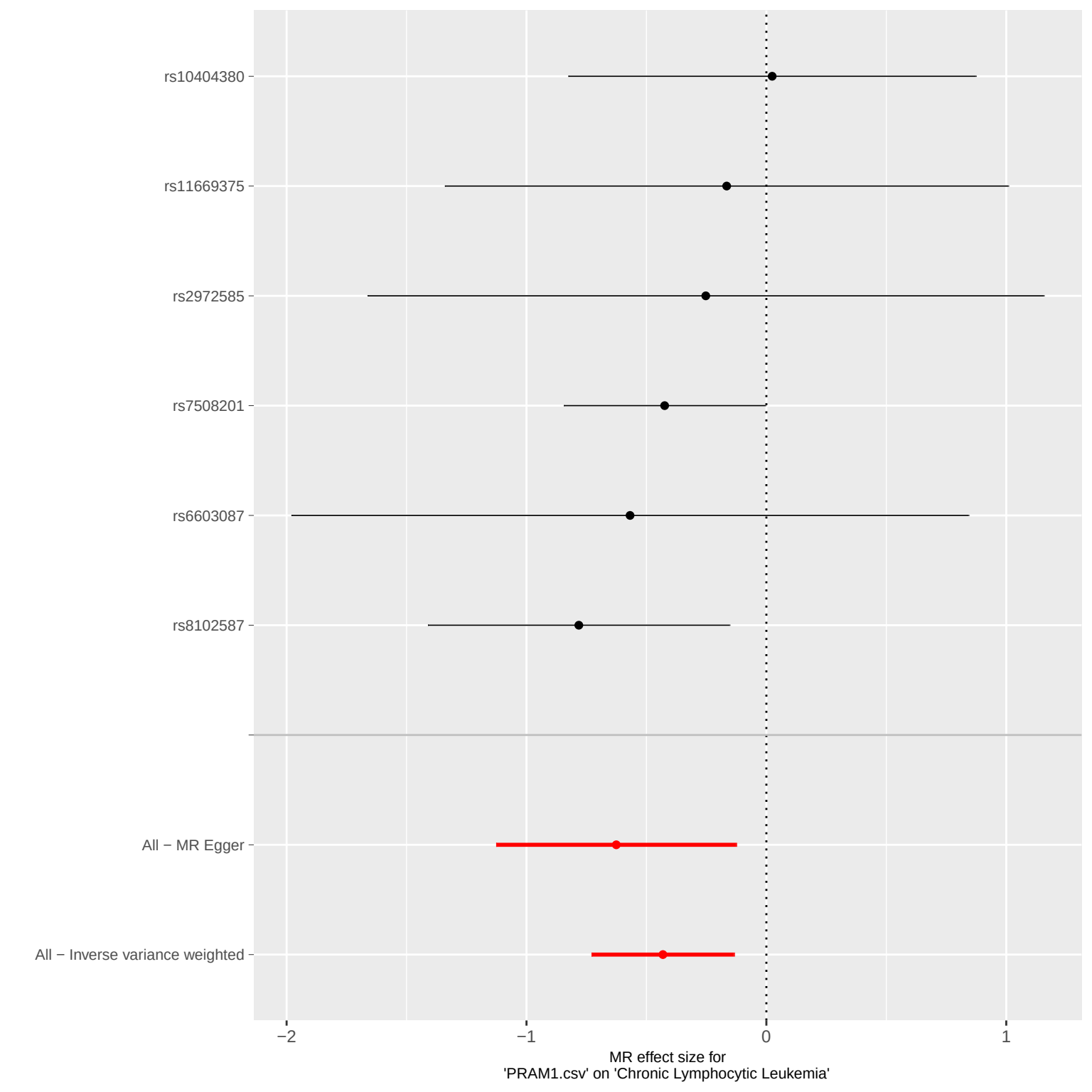
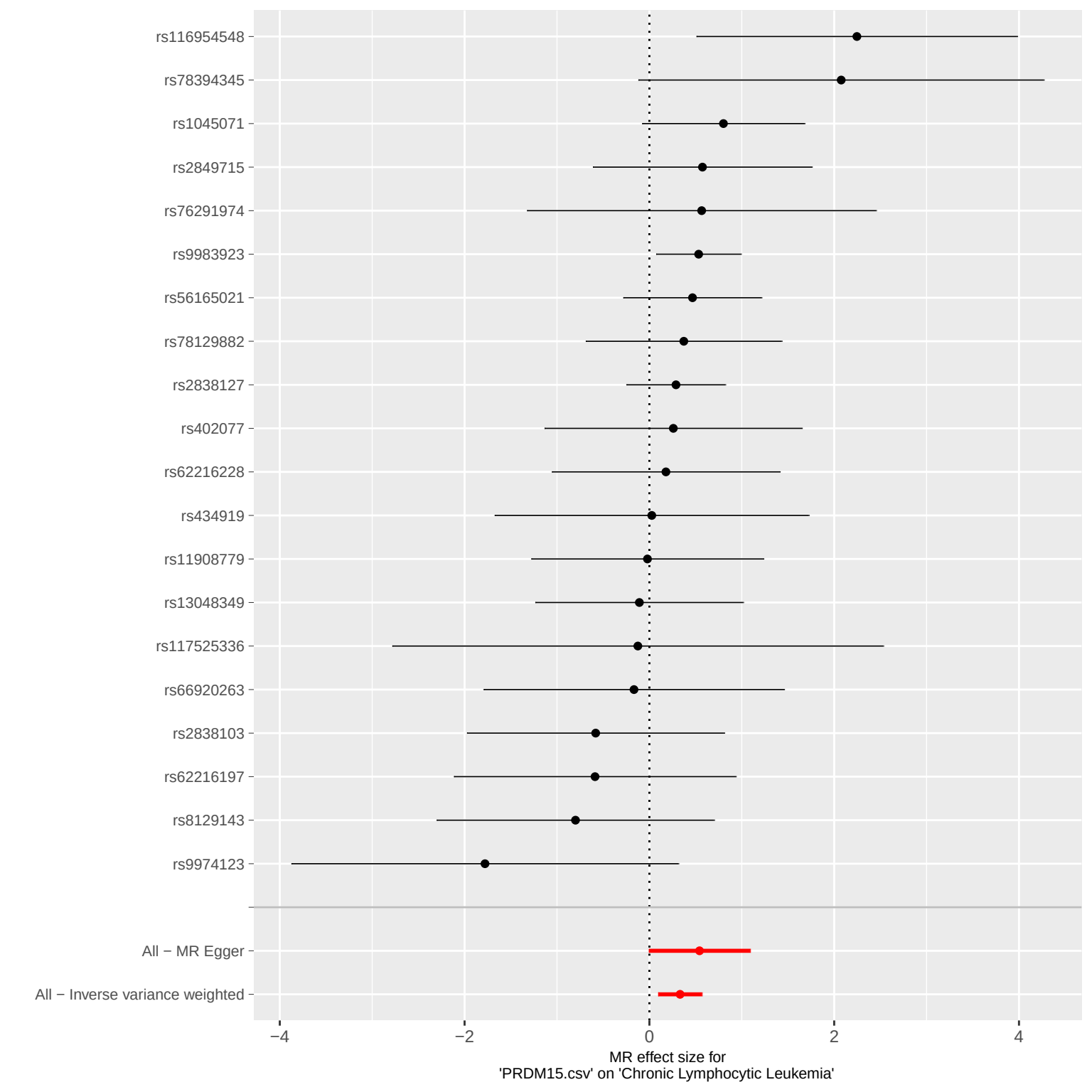
rs61779798
rs10430115
rs150751448
rs77179720
rs12117629
rs12129051
rs75232319
rs4660181
rs72661954
rs12142334
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'PPT1.csv' on 'Chronic Lymphocytic Leukemia'


rs10404380
rs11669375
rs2972585
rs7508201
rs6603087
rs8102587
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'PRAM1.csv' on 'Chronic Lymphocytic Leukemia'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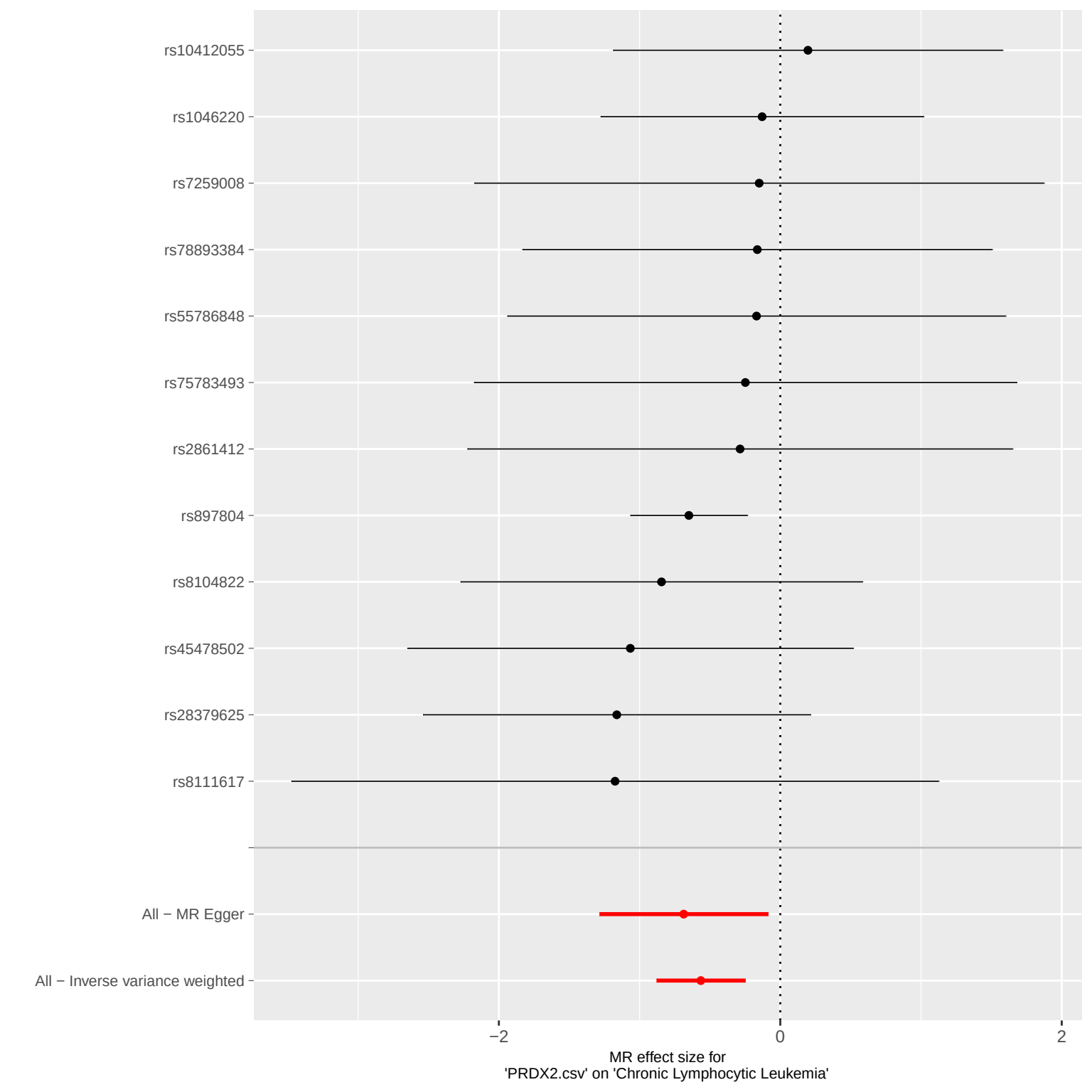
rs402077
rs62216228
rs434919
rs11908779
rs13048349
rs117525336
rs66920263
rs2838103
rs62216197
rs8129143
rs9974123
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'PRDM15.csv' on 'Chronic Lymphocytic Leukemia'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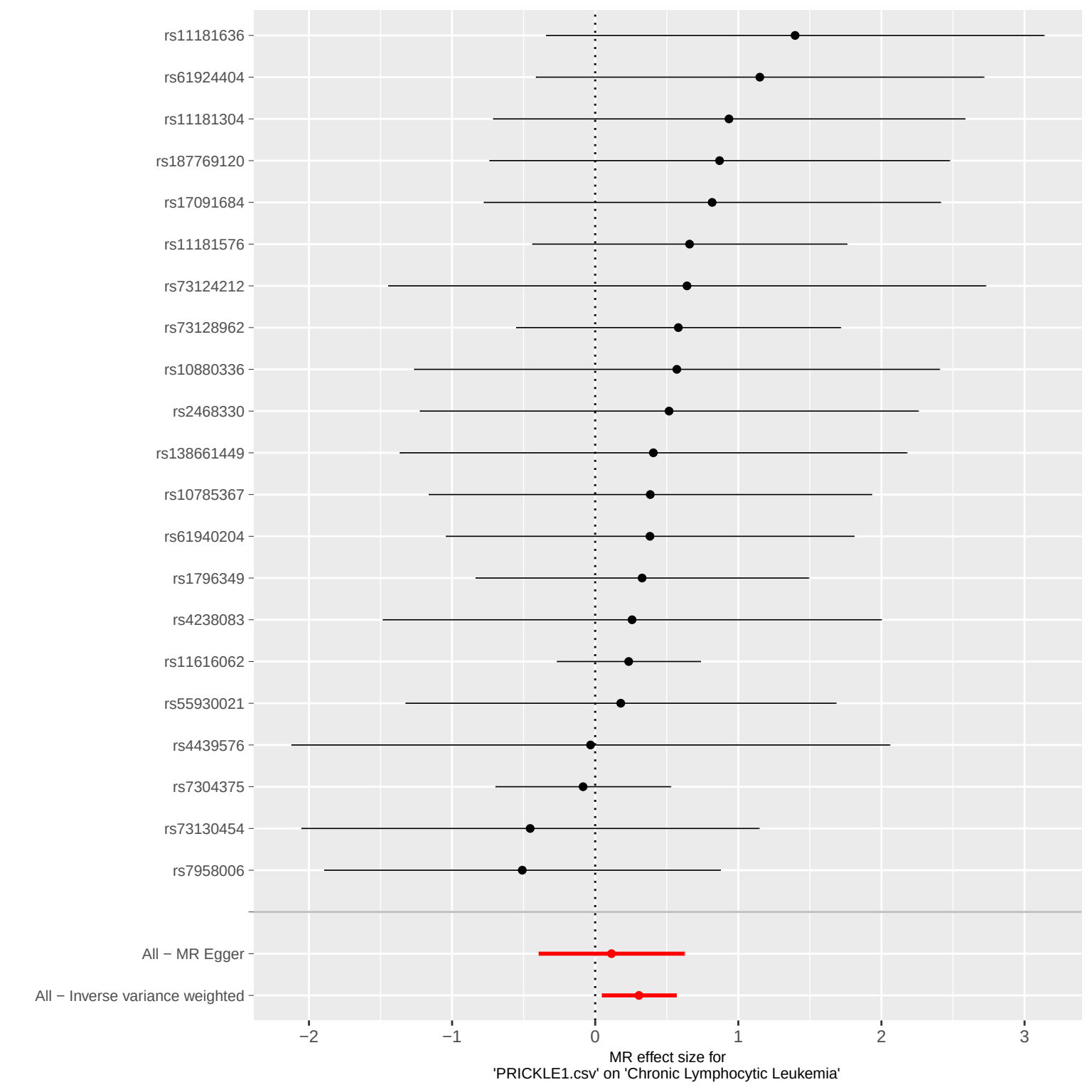
rs1046220
rs7259008
rs78893384
rs55786848
rs75783493
rs2861412
rs897804
rs8104822
rs45478502
rs28379625
rs8111617
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PRDX2.csv' on 'Chronic Lymphocytic Leukemia'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rs61924404
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rs187769120
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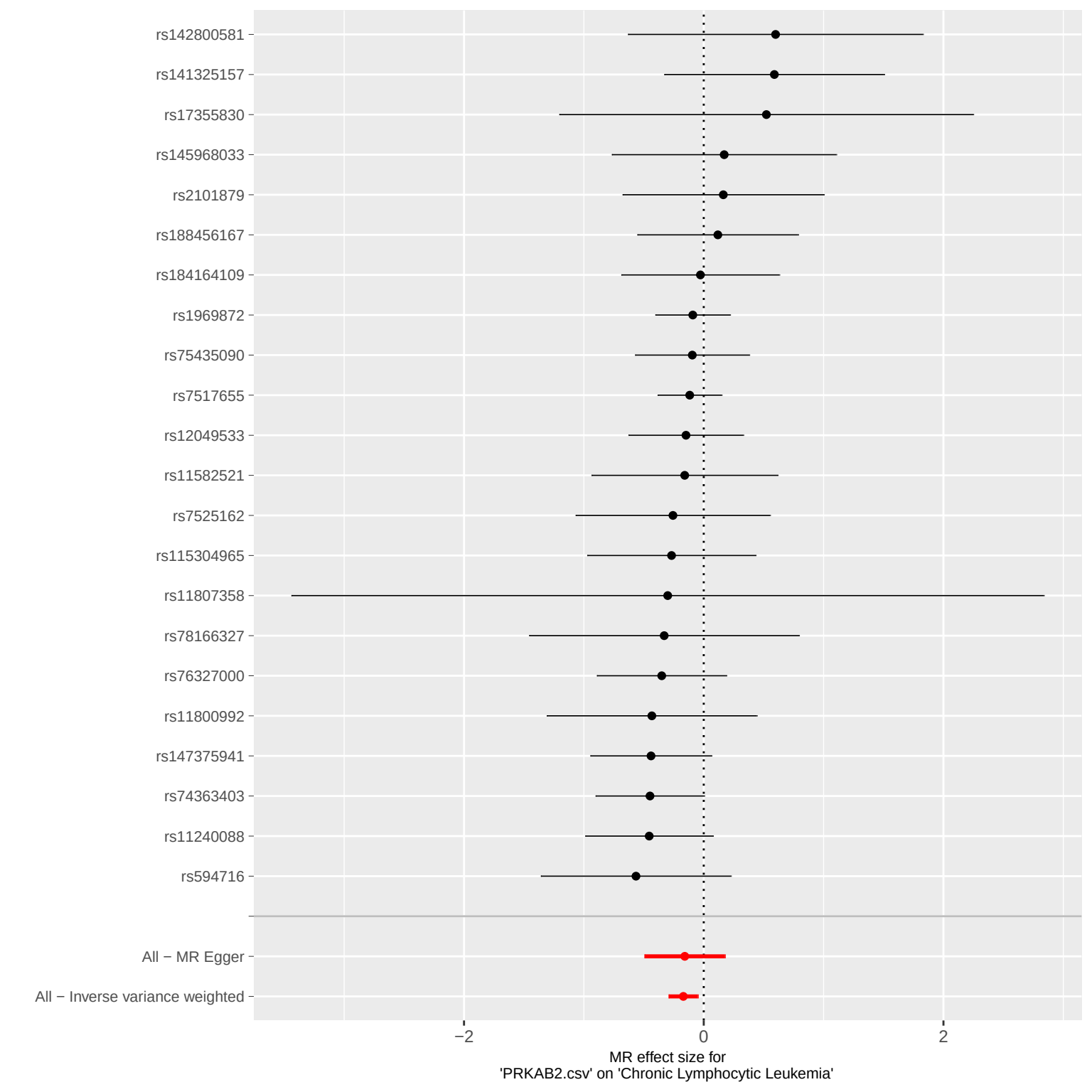
rs10880336
rs2468330
rs138661449
rs10785367
rs61940204
rs1796349
rs4238083
rs11616062
rs55930021
rs4439576
rs7304375
rs73130454
rs7958006
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'PRICKLE1.csv' on 'Chronic Lymphocytic Leukemia'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rs145968033
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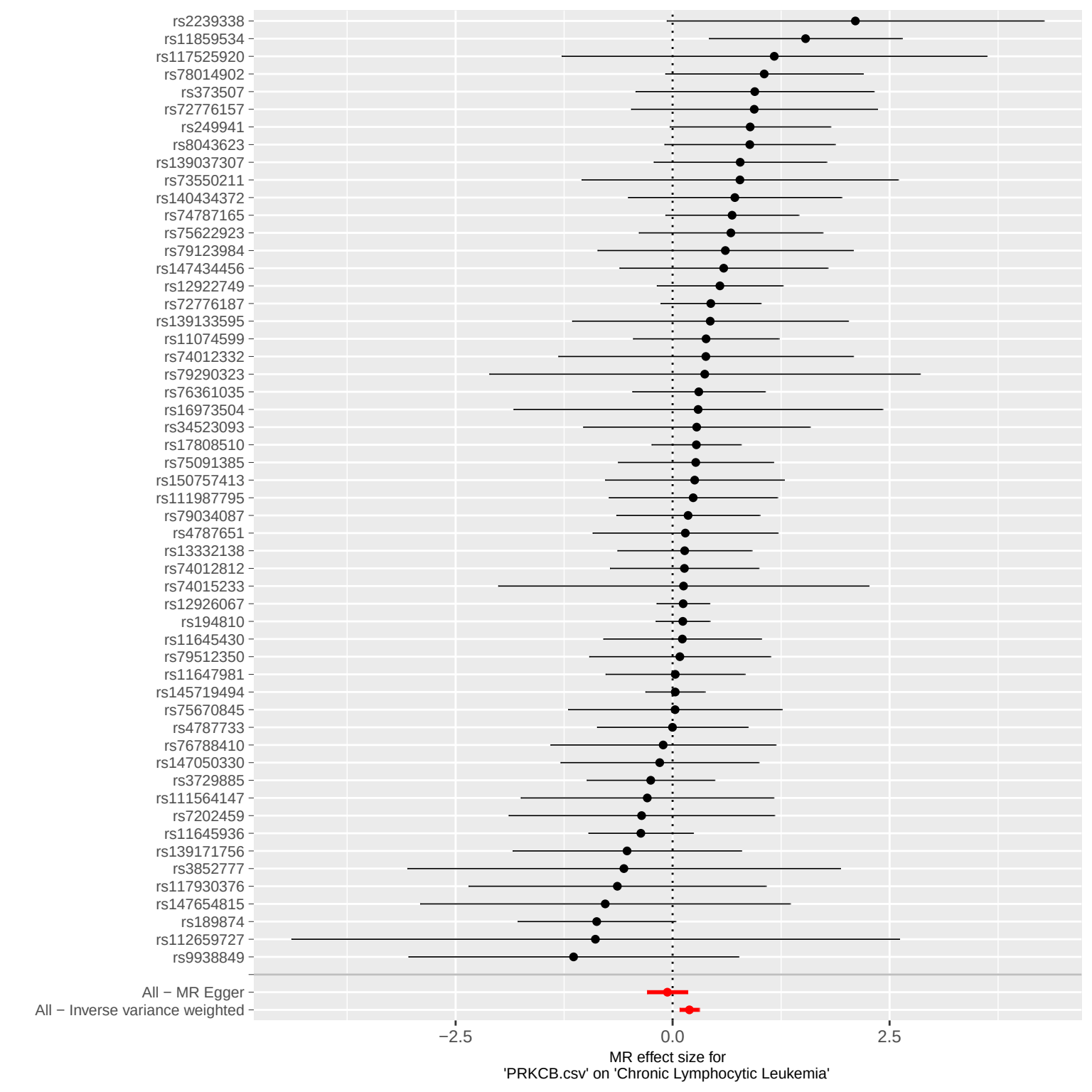
rs11582521
rs7525162
rs115304965
rs11807358
rs78166327
rs76327000
rs11800992
rs147375941
rs74363403
rs11240088
rs594716
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PRKAB2.csv' on 'Chronic Lymphocytic Leukemia'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rs74787165
rs75622923
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rs147434456
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rs72776187
rs139133595
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rs74012332
rs79290323
rs76361035
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rs7202459
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rs139171756
rs3852777
rs117930376
rs147654815
rs189874
rs112659727
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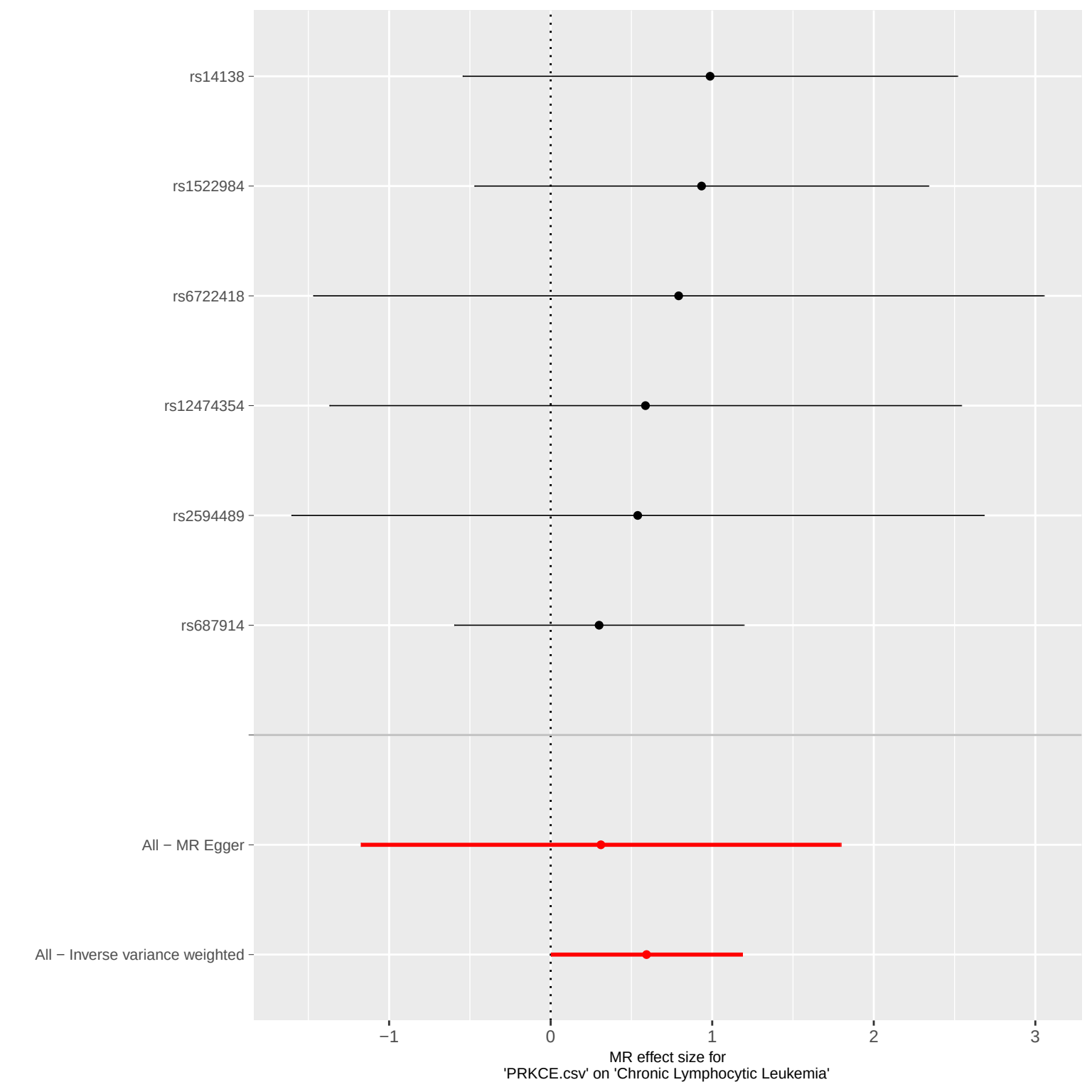
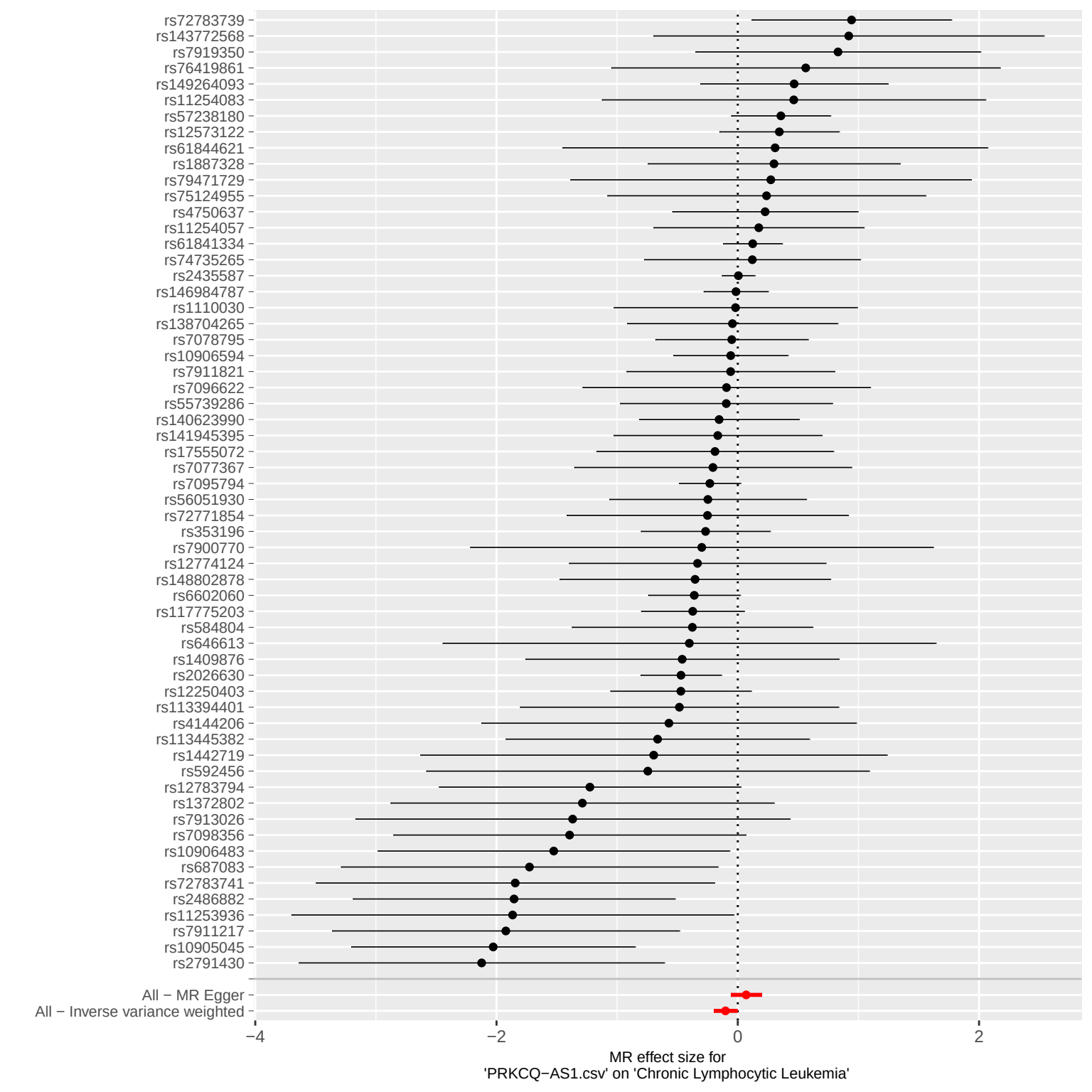
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'PRKCB.csv' on 'Chronic Lymphocytic Leukemia'


rs14138
rs1522984
rs6722418
rs12474354
rs2594489
rs687914
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'PRKCE.csv' on 'Chronic Lymphocytic Leukemia'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rs11254057
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rs7900770
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rs72783741
rs2486882
rs11253936
rs7911217
rs10905045
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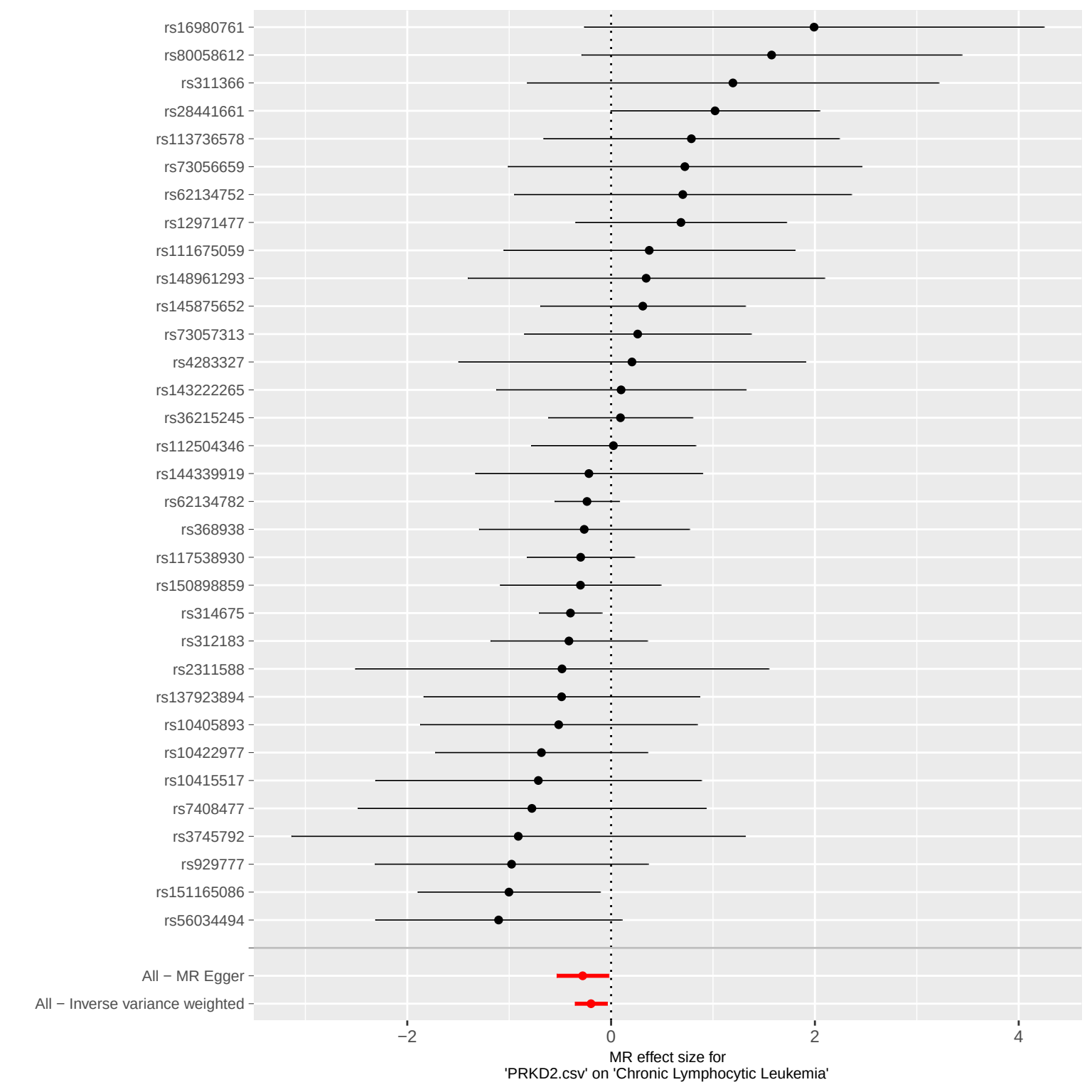
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'PRKCQ−AS1.csv' on 'Chronic Lymphocytic Leukemia'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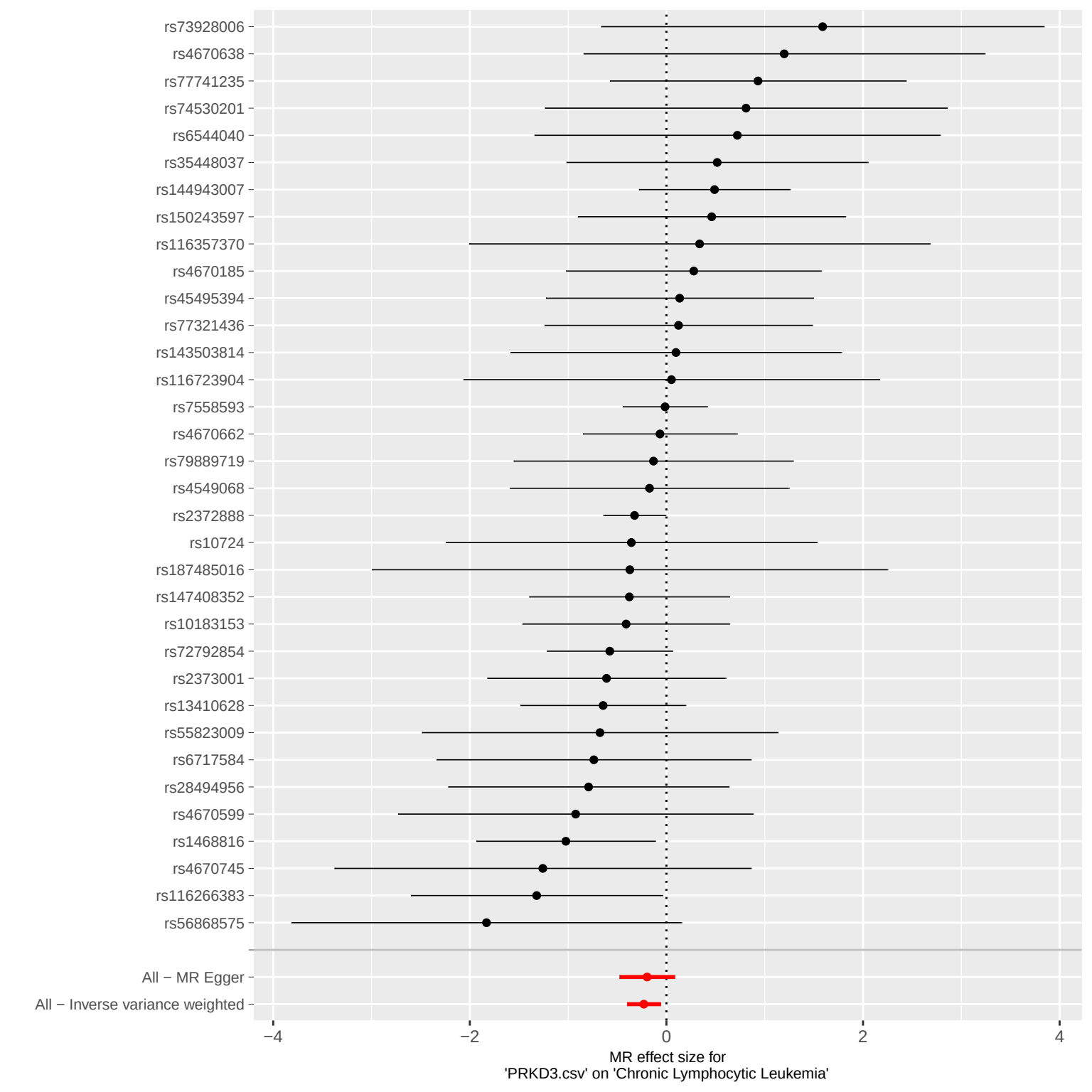
rs73057313
rs4283327
rs143222265
rs36215245
rs112504346
rs144339919
rs62134782
rs368938
rs117538930
rs150898859
rs314675
rs312183
rs2311588
rs137923894
rs10405893
rs10422977
rs10415517
rs7408477
rs3745792
rs929777
rs151165086
rs56034494
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PRKD2.csv' on 'Chronic Lymphocytic Leukemia'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rs144943007
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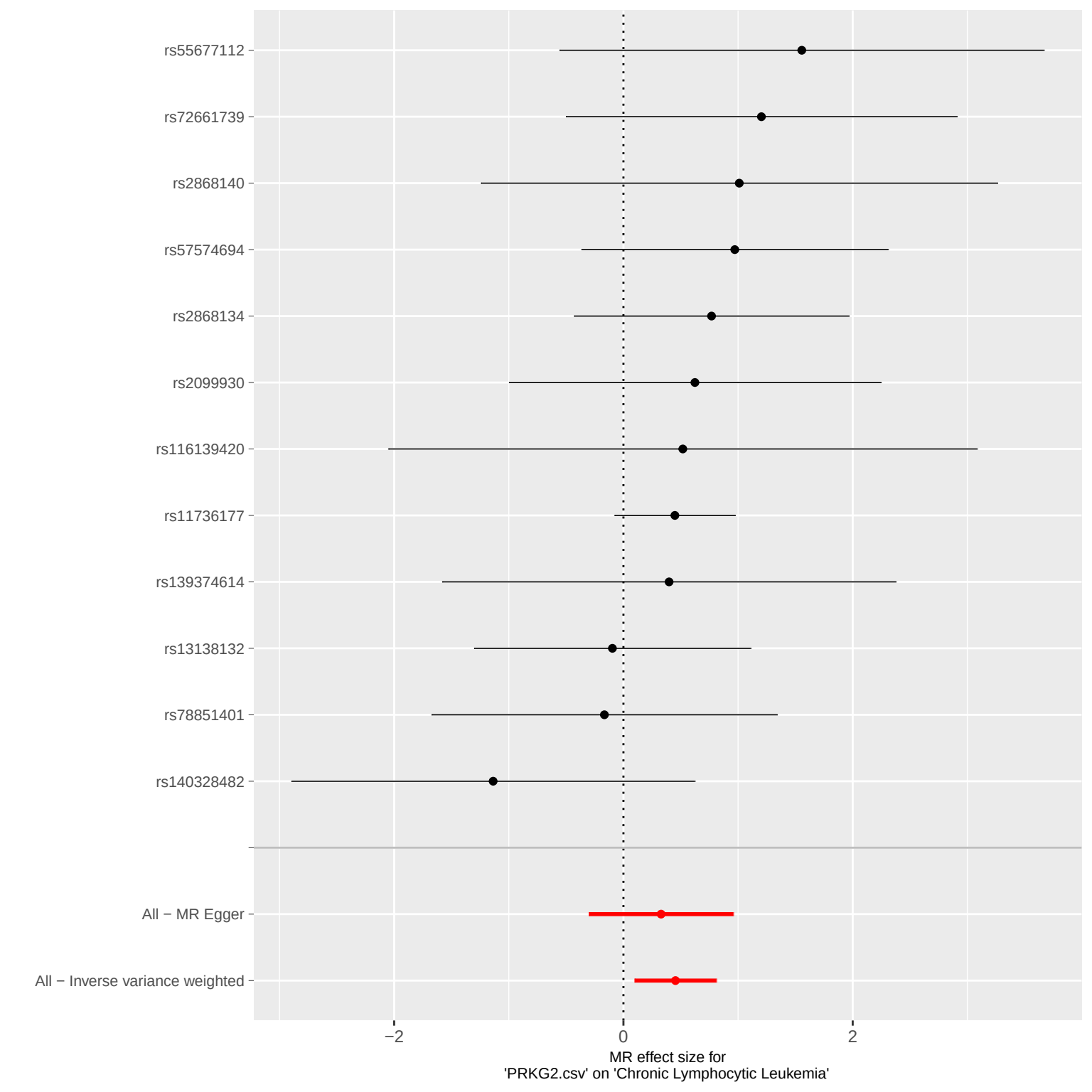
rs4670662
rs79889719
rs4549068
rs2372888
rs10724
rs187485016
rs147408352
rs10183153
rs72792854
rs2373001
rs13410628
rs55823009
rs6717584
rs28494956
rs4670599
rs1468816
rs4670745
rs116266383
rs56868575
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'PRKD3.csv' on 'Chronic Lymphocytic Leukemia'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rs2868134
rs2099930
rs116139420
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rs139374614
rs13138132
rs78851401
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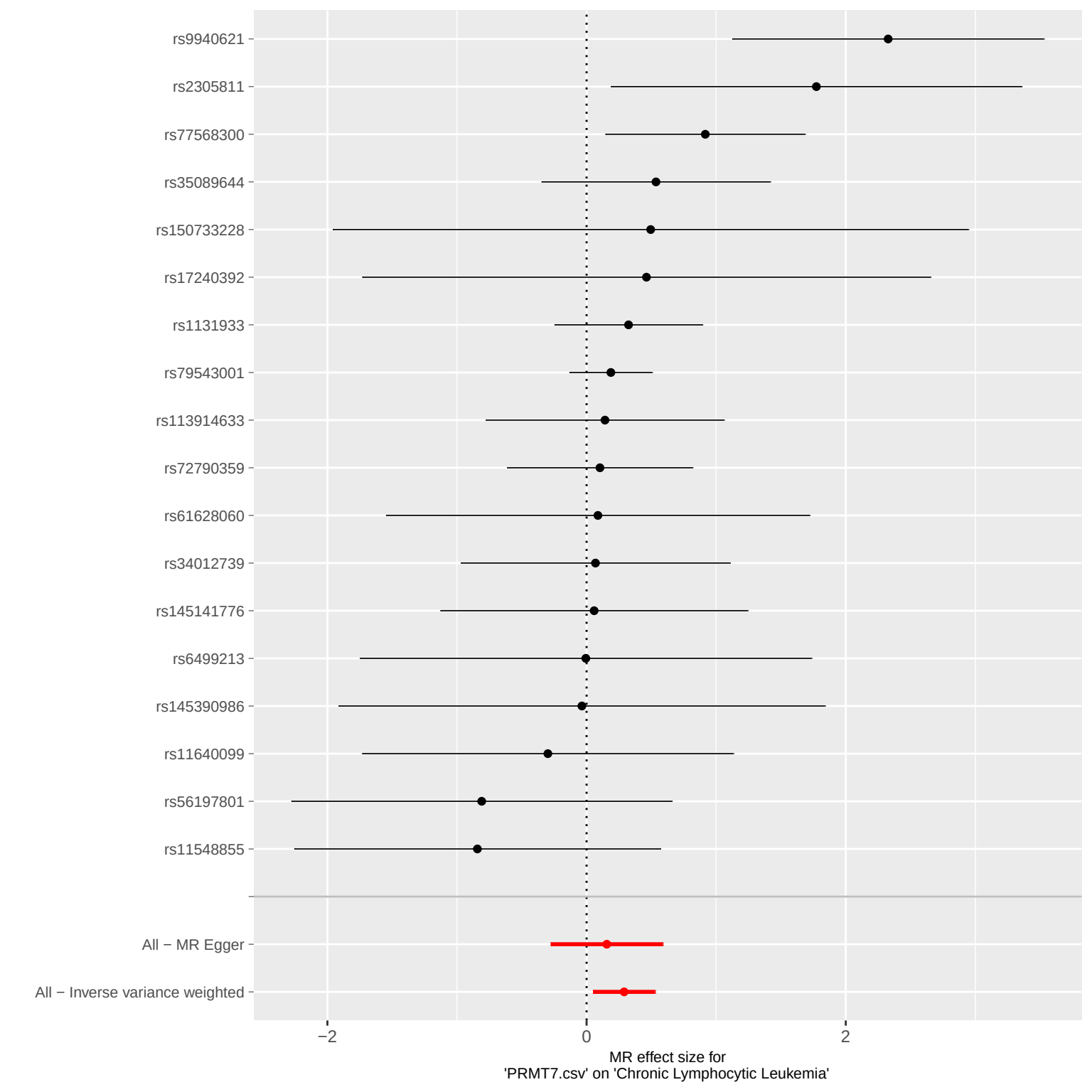
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PRKG2.csv' on 'Chronic Lymphocytic Leukemia'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rs34012739
rs145141776
rs6499213
rs145390986
rs11640099
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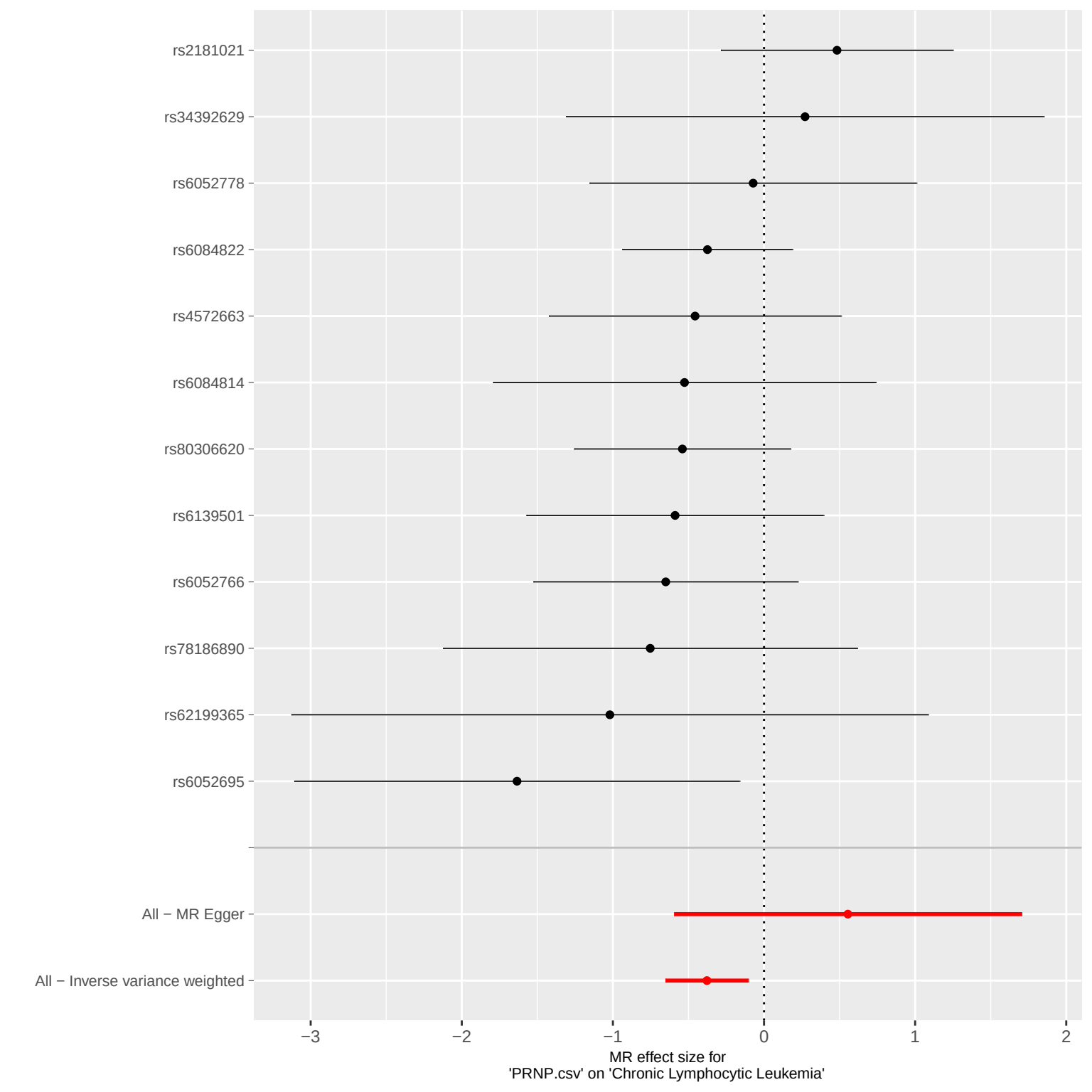
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PRMT7.csv' on 'Chronic Lymphocytic Leukemia'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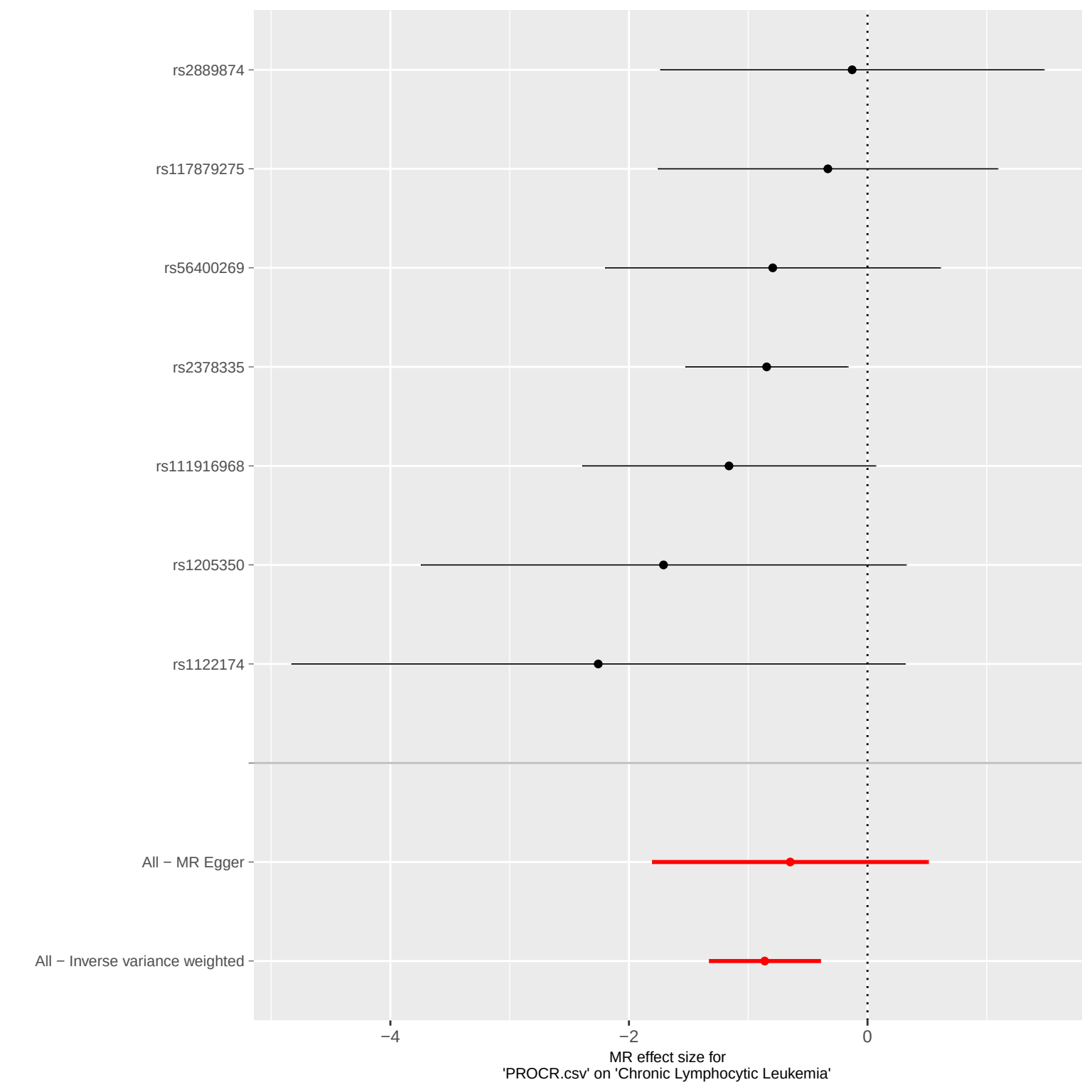
rs6084822
rs4572663
rs6084814
rs80306620
rs6139501
rs6052766
rs78186890
rs62199365
rs6052695
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'PRNP.csv' on 'Chronic Lymphocytic Leukemia'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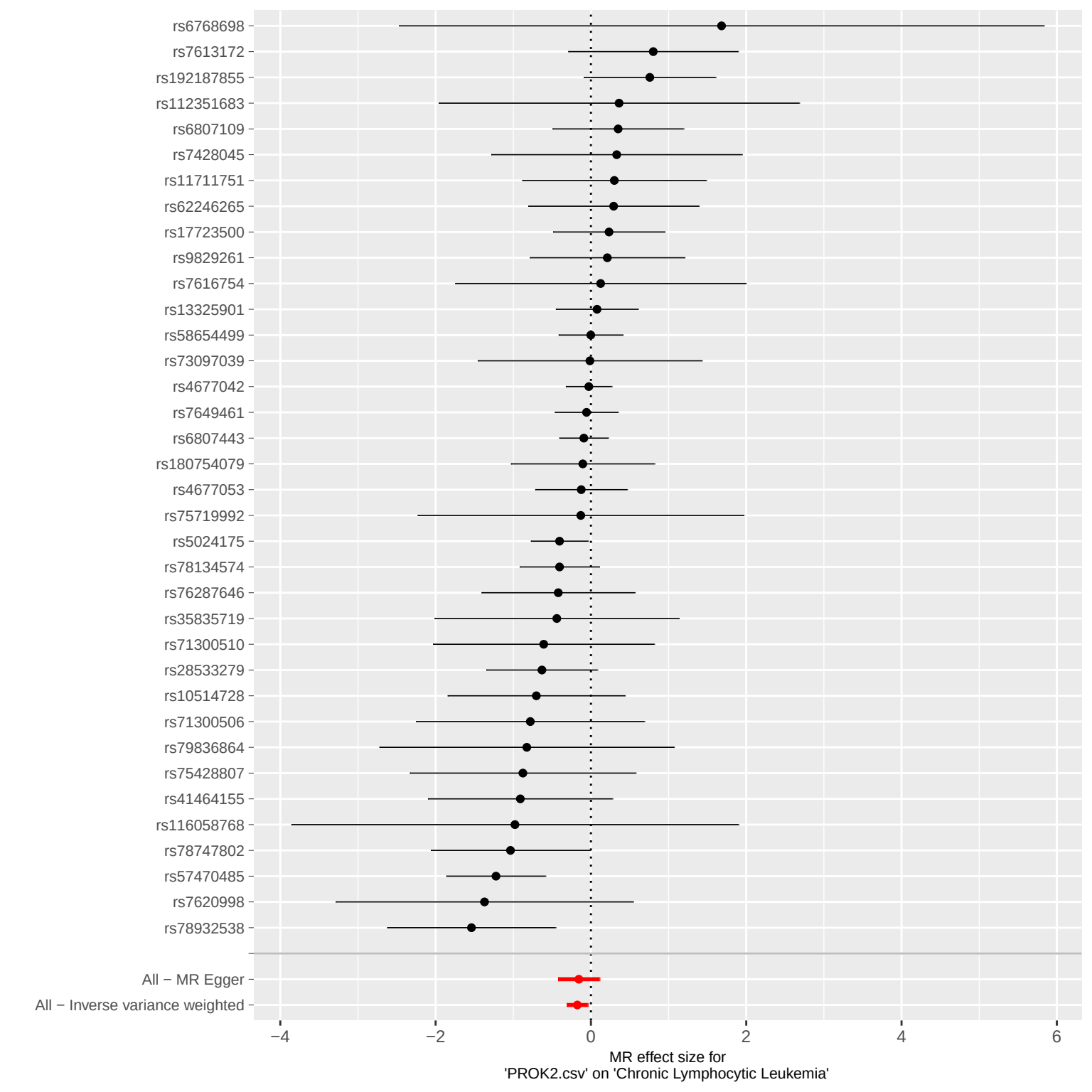
rs117879275
rs56400269
rs2378335
rs111916968
rs1205350
rs1122174
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'PROCR.csv' on 'Chronic Lymphocytic Leukemia'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rs6807443
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rs4677053
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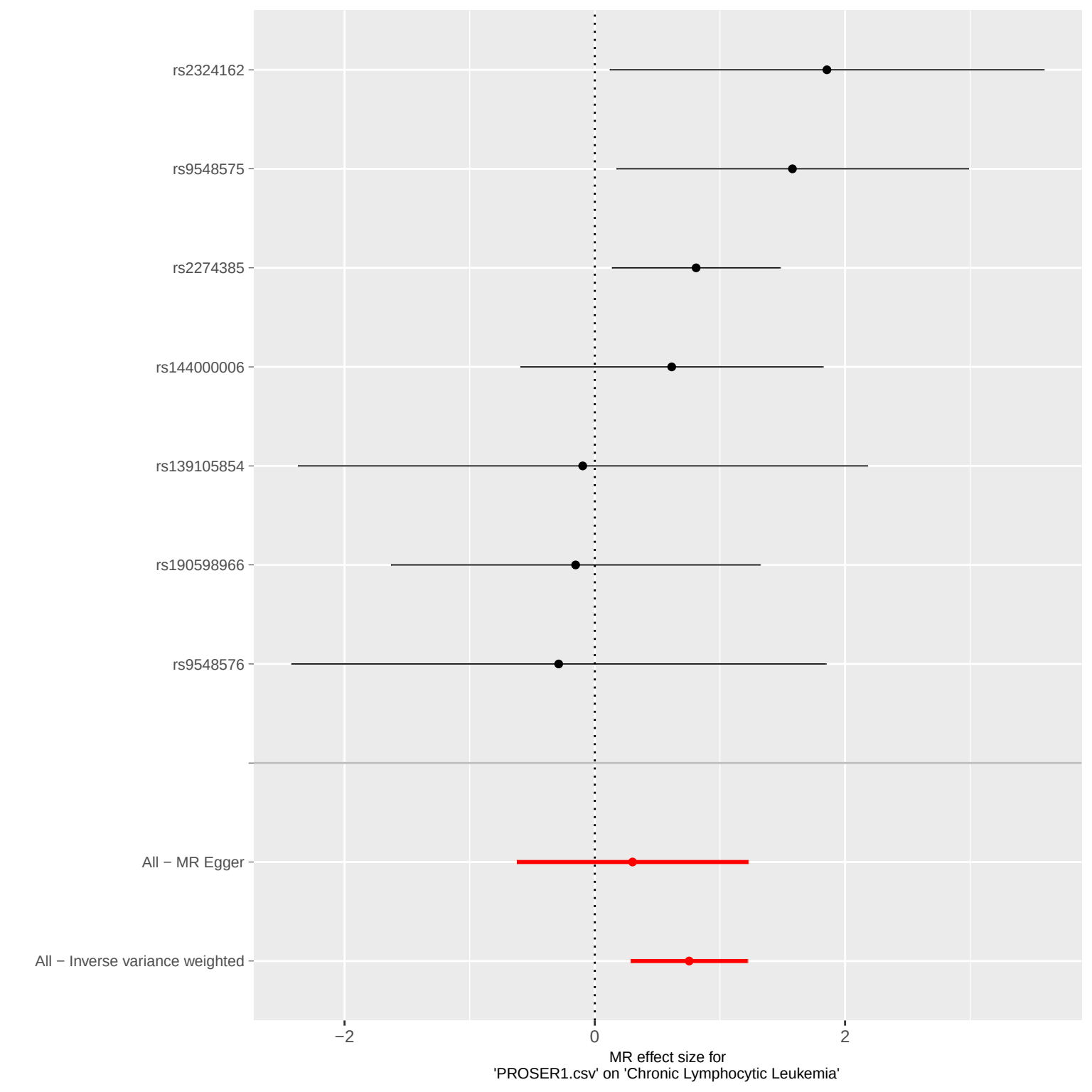
rs28533279
rs10514728
rs71300506
rs79836864
rs75428807
rs41464155
rs116058768
rs78747802
rs57470485
rs7620998
rs78932538
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'PROK2.csv' on 'Chronic Lymphocytic Leukemia'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rs9548575
rs2274385
rs144000006
rs139105854
rs190598966
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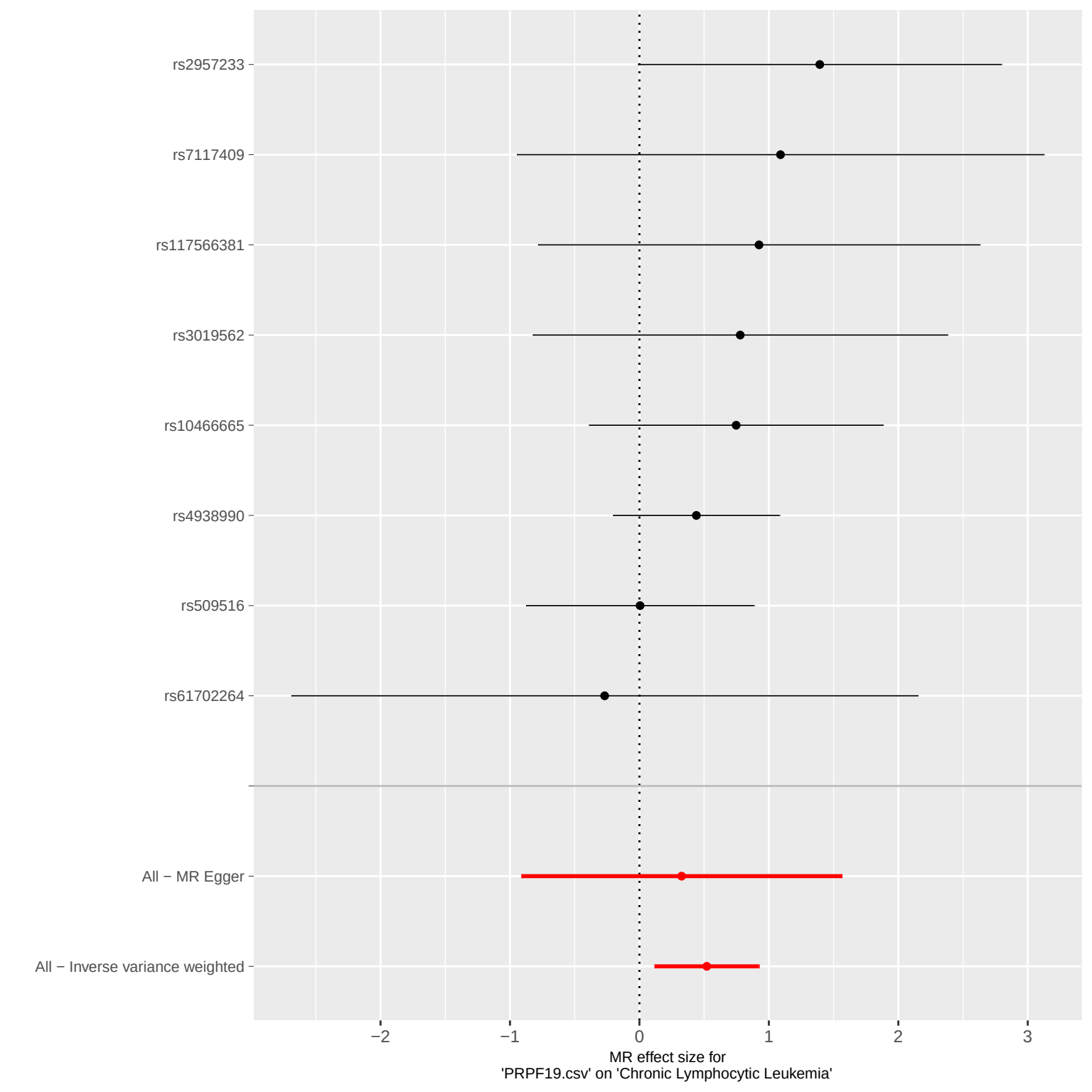
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'PROSER1.csv' on 'Chronic Lymphocytic Leukemia'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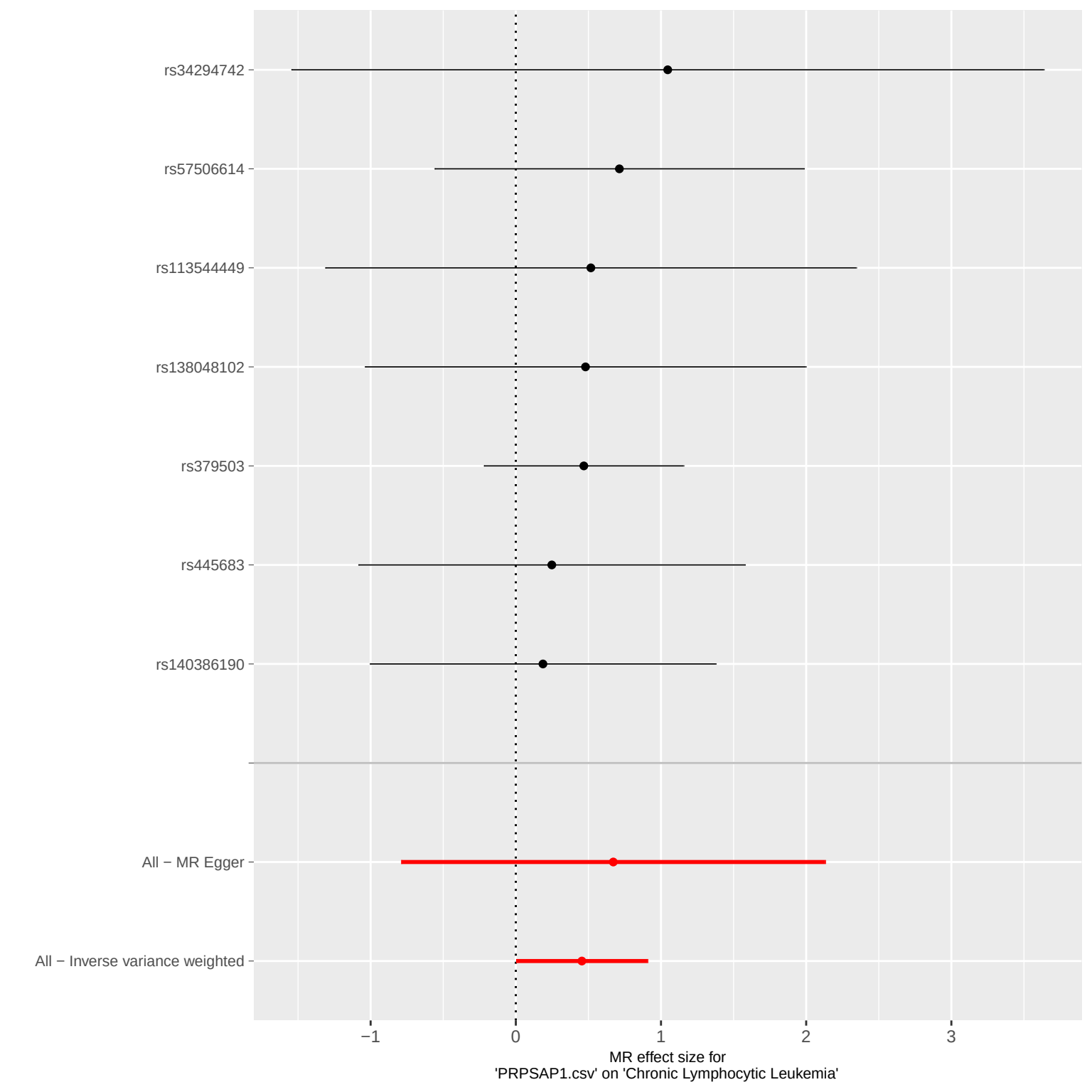
rs7117409
rs117566381
rs3019562
rs10466665
rs4938990
rs509516
rs61702264
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'PRPF19.csv' on 'Chronic Lymphocytic Leukemia'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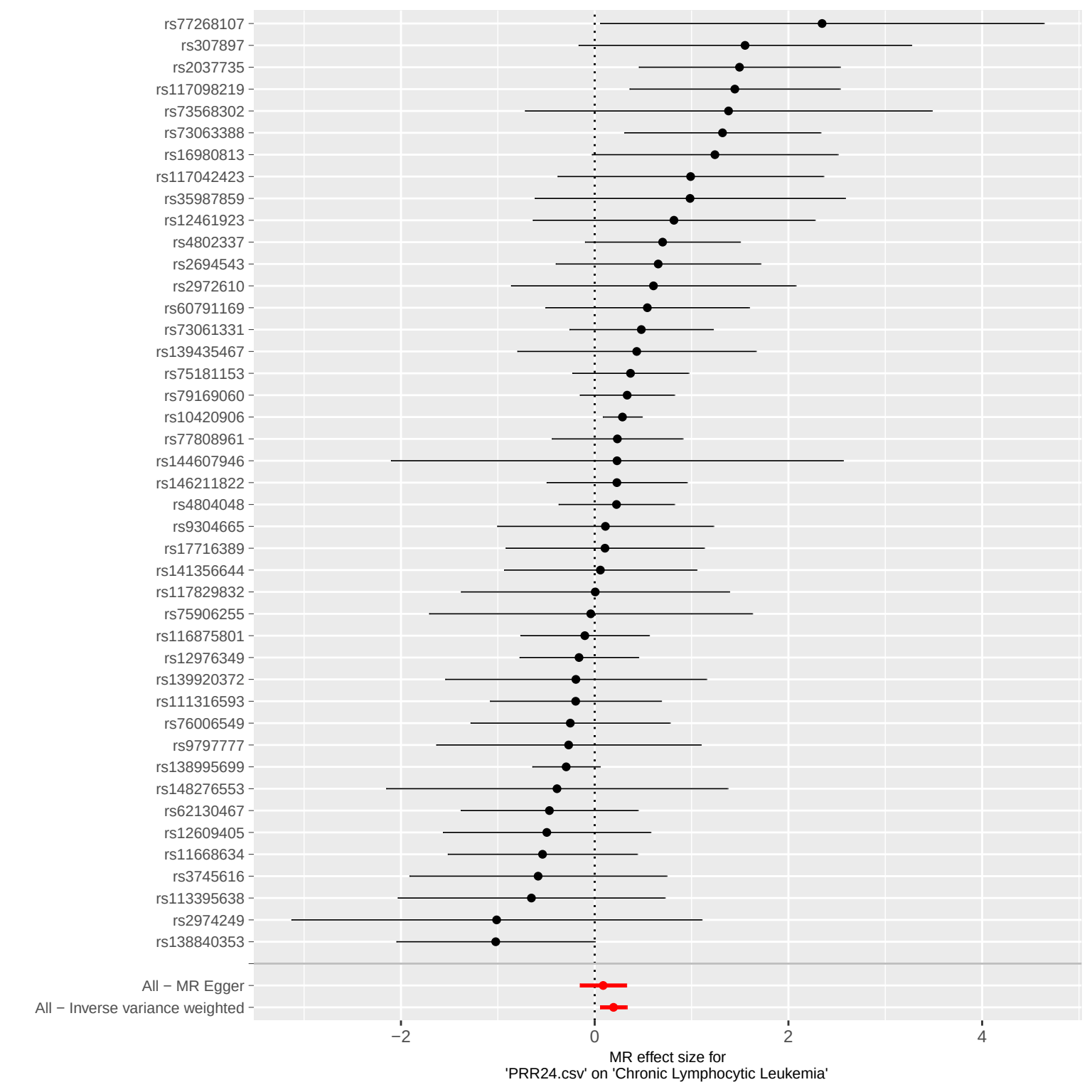
rs57506614
rs113544449
rs138048102
rs379503
rs445683
rs140386190
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'PRPSAP1.csv' on 'Chronic Lymphocytic Leukemia'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rs12609405
rs11668634
rs3745616
rs113395638
rs2974249
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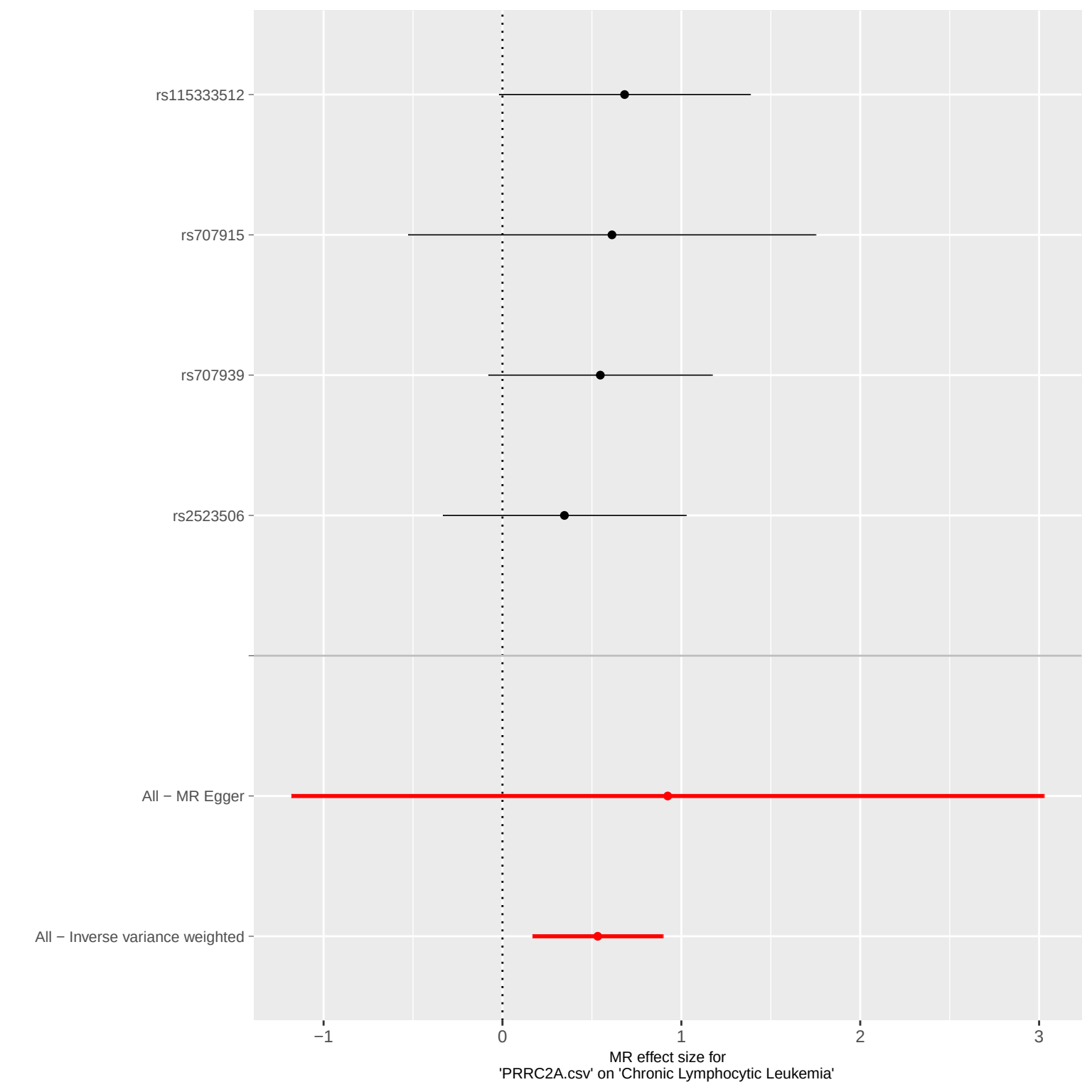
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'PRR24.csv' on 'Chronic Lymphocytic Leukemia'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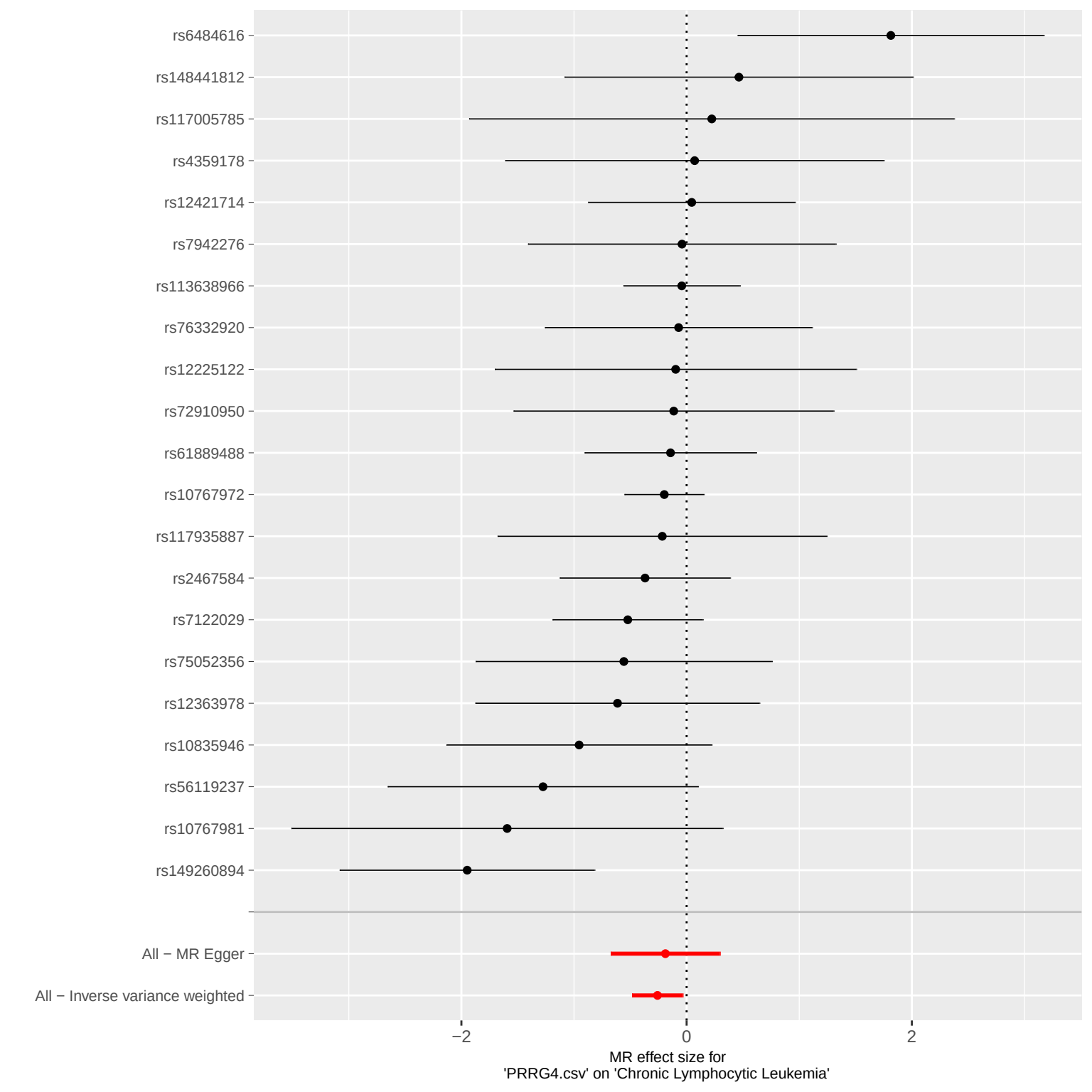
rs707915
rs707939
rs2523506
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'PRRC2A.csv' on 'Chronic Lymphocytic Leukemia'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rs10835946
rs56119237
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All − MR Egger
All − Inverse variance weighted
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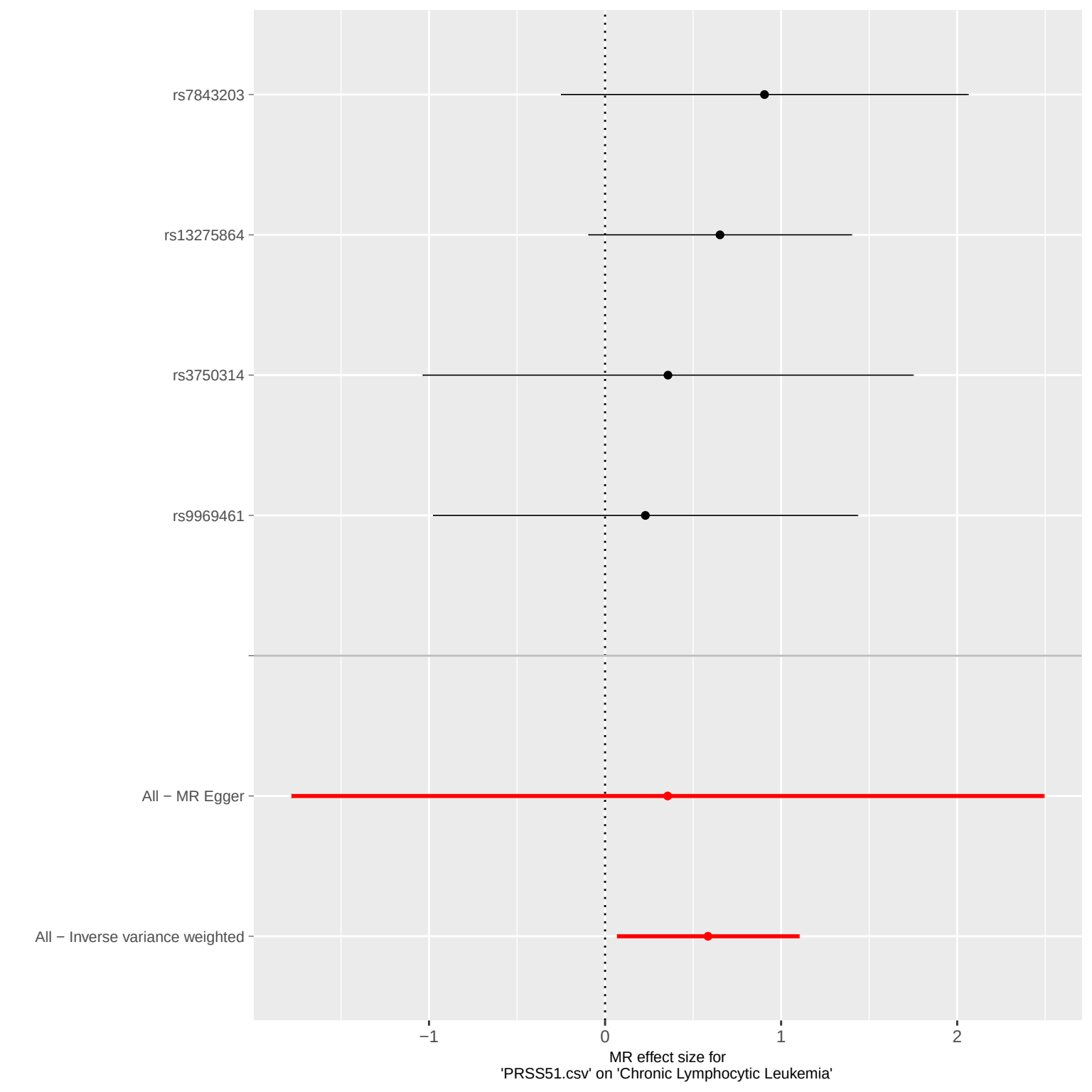
MR effect size for
'PRRG4.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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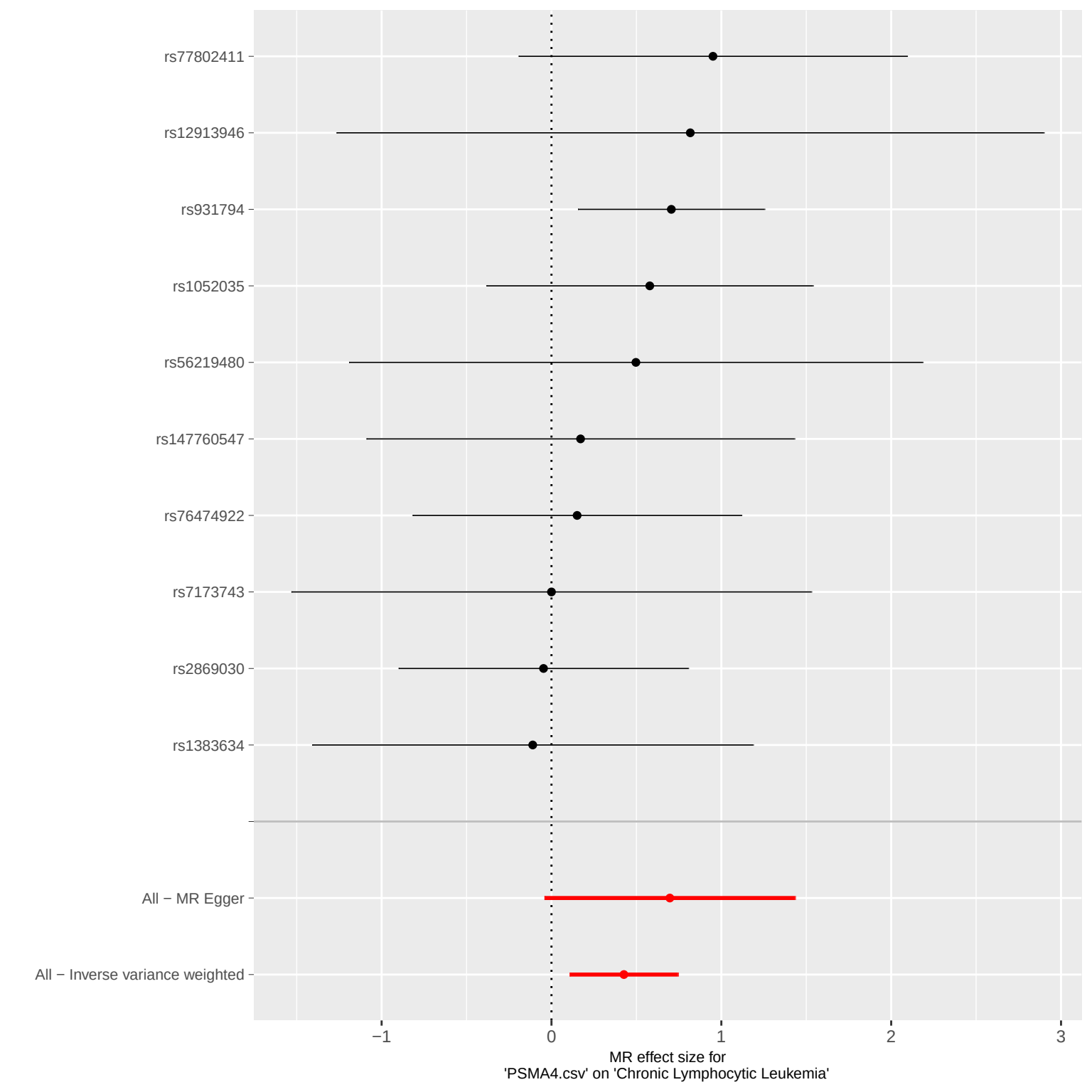
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All − MR Egger
All − Inverse variance weighted
−1
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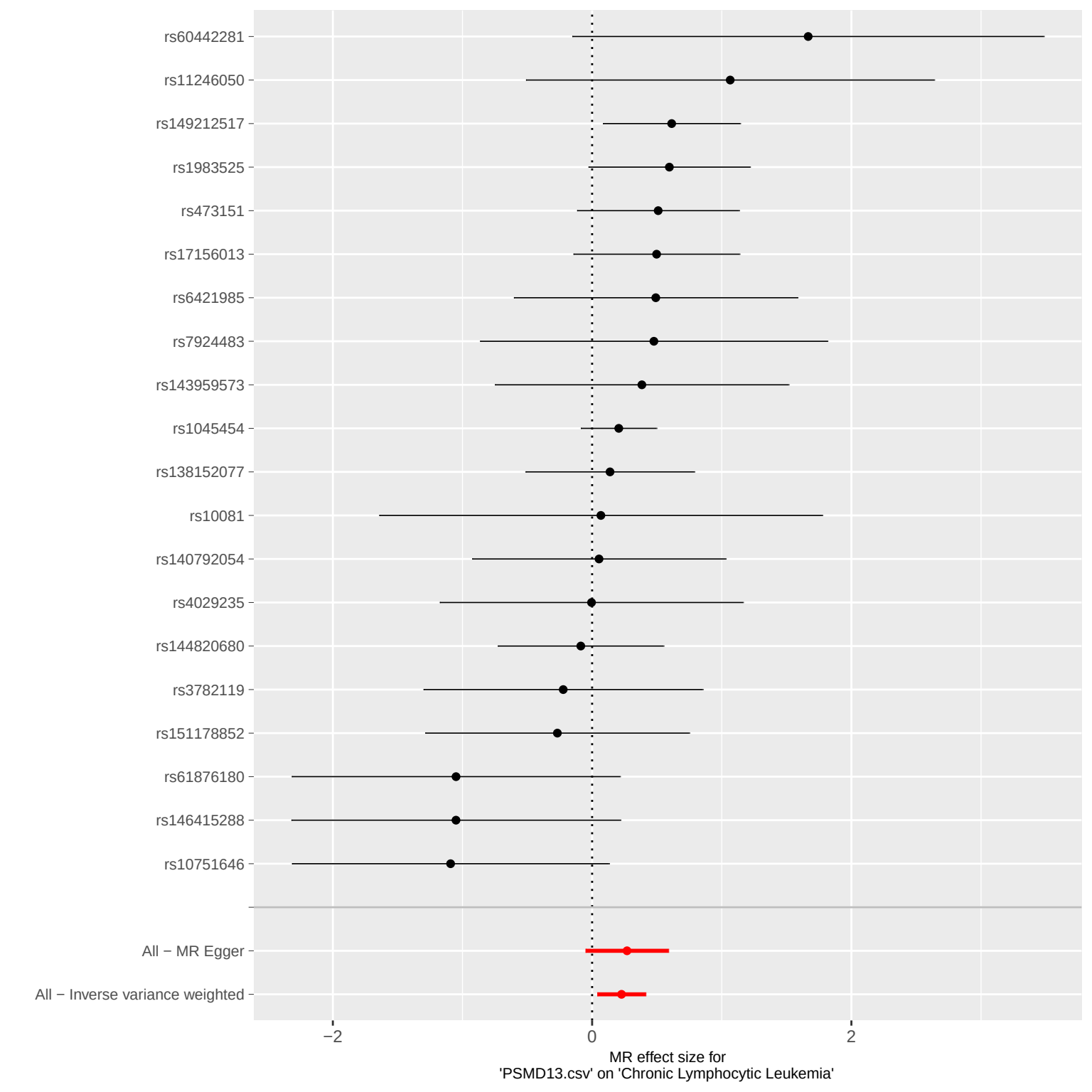
1
2
3
MR effect size for
'PSMA4.csv' on 'Chronic Lymphocytic Leukemia'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rs138152077
rs10081
rs140792054
rs4029235
rs144820680
rs3782119
rs151178852
rs61876180
rs146415288
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All − MR Egger
All − Inverse variance weighted
−2
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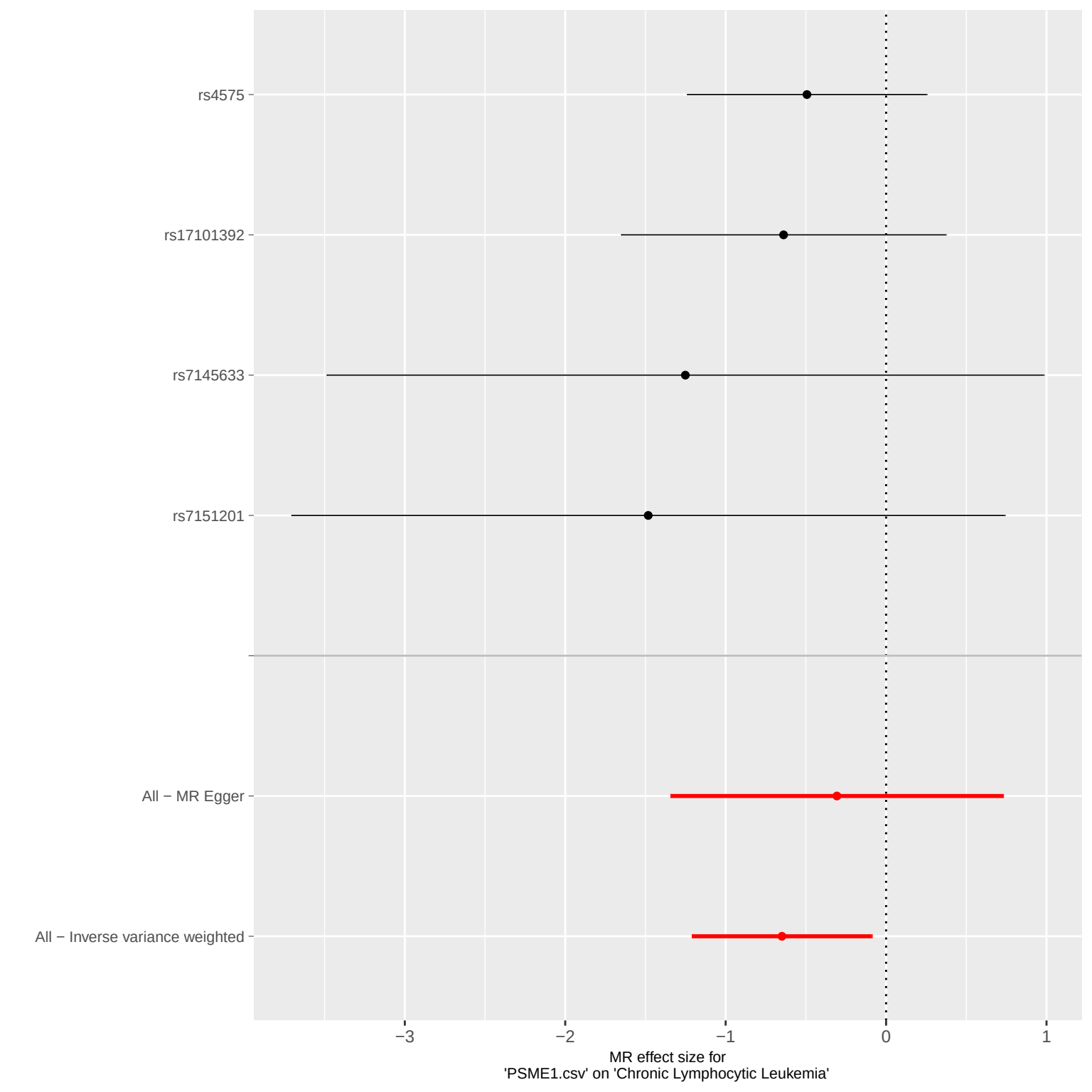
MR effect size for
'PSMD13.csv' on 'Chronic Lymphocytic Leukemia'


rs4575
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All − Inverse variance weighted
−3
−2
−1
0
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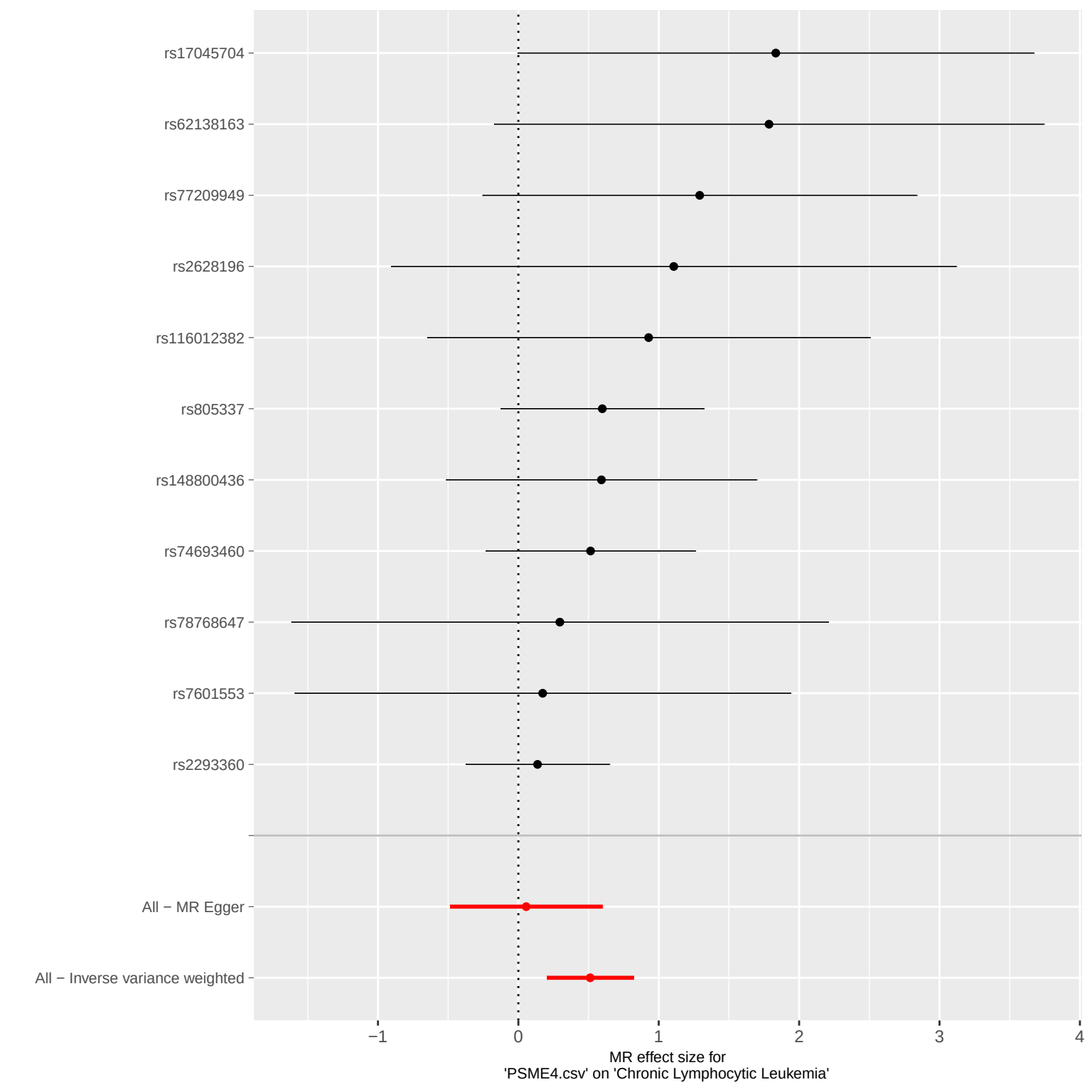
MR effect size for
'PSME1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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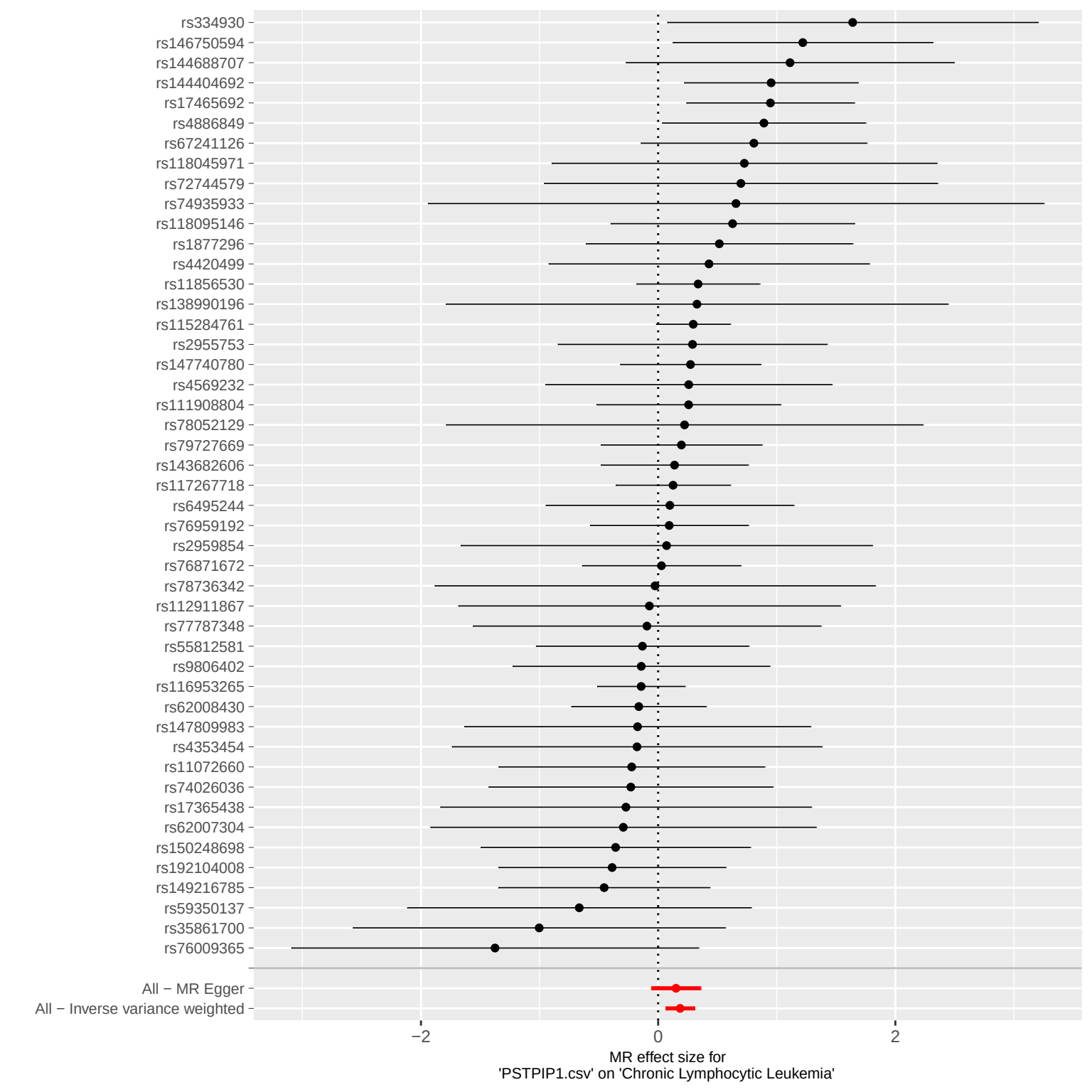
MR effect size for
'PSME4.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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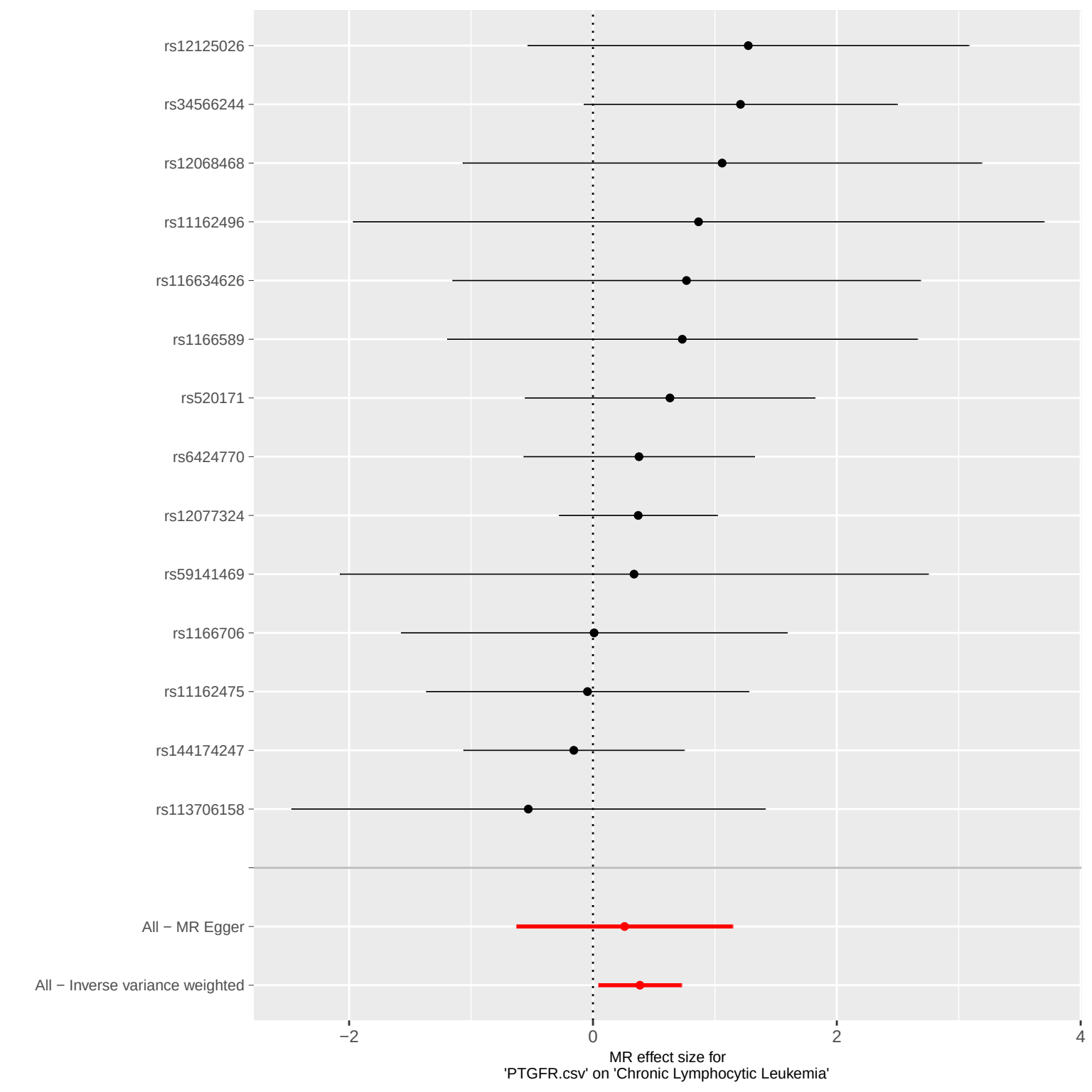
MR effect size for
'PSTPIP1.csv' on 'Chronic Lymphocytic Leukemia'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rs11162475
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All − Inverse variance weighted
−2
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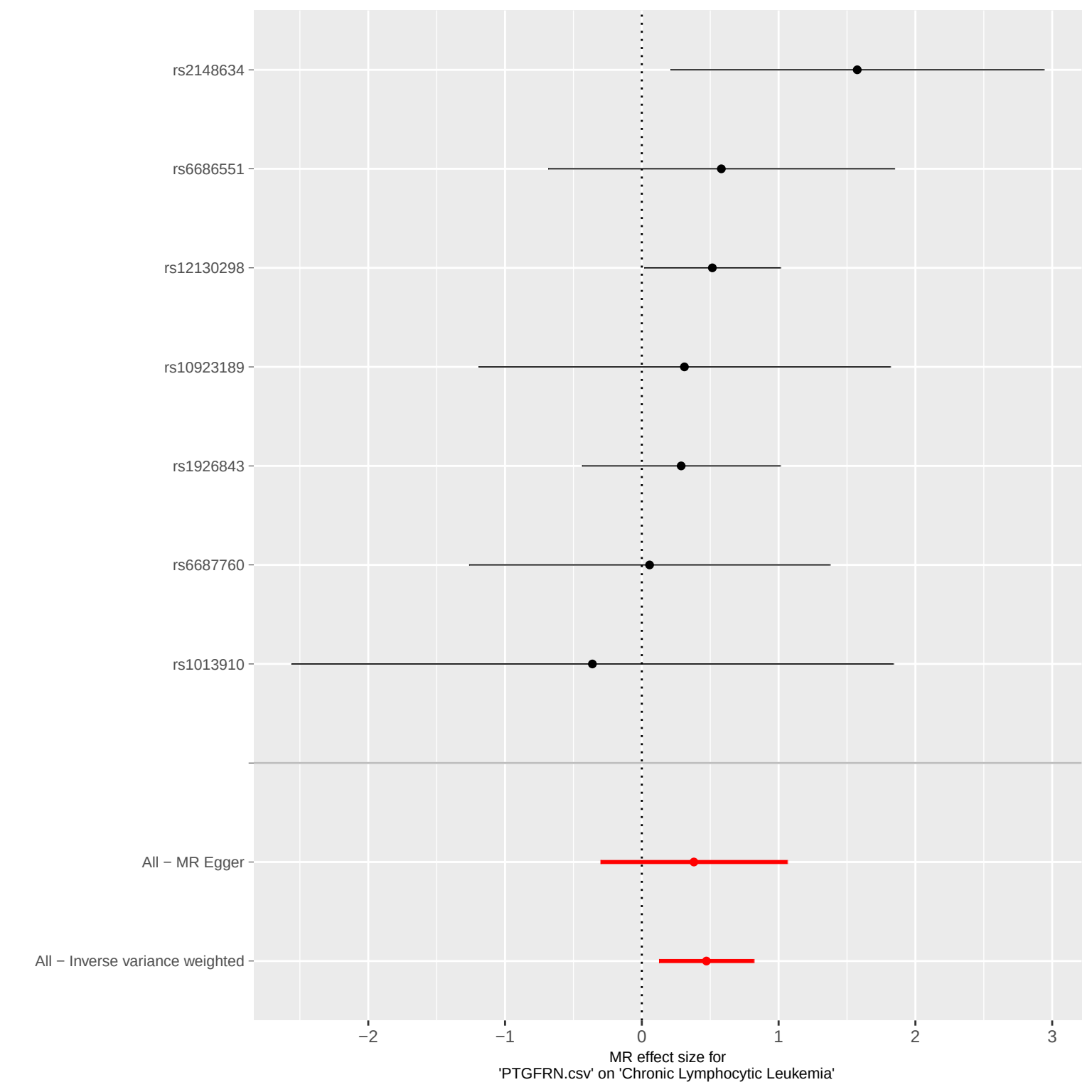
MR effect size for
'PTGFR.csv' on 'Chronic Lymphocytic Leukemia'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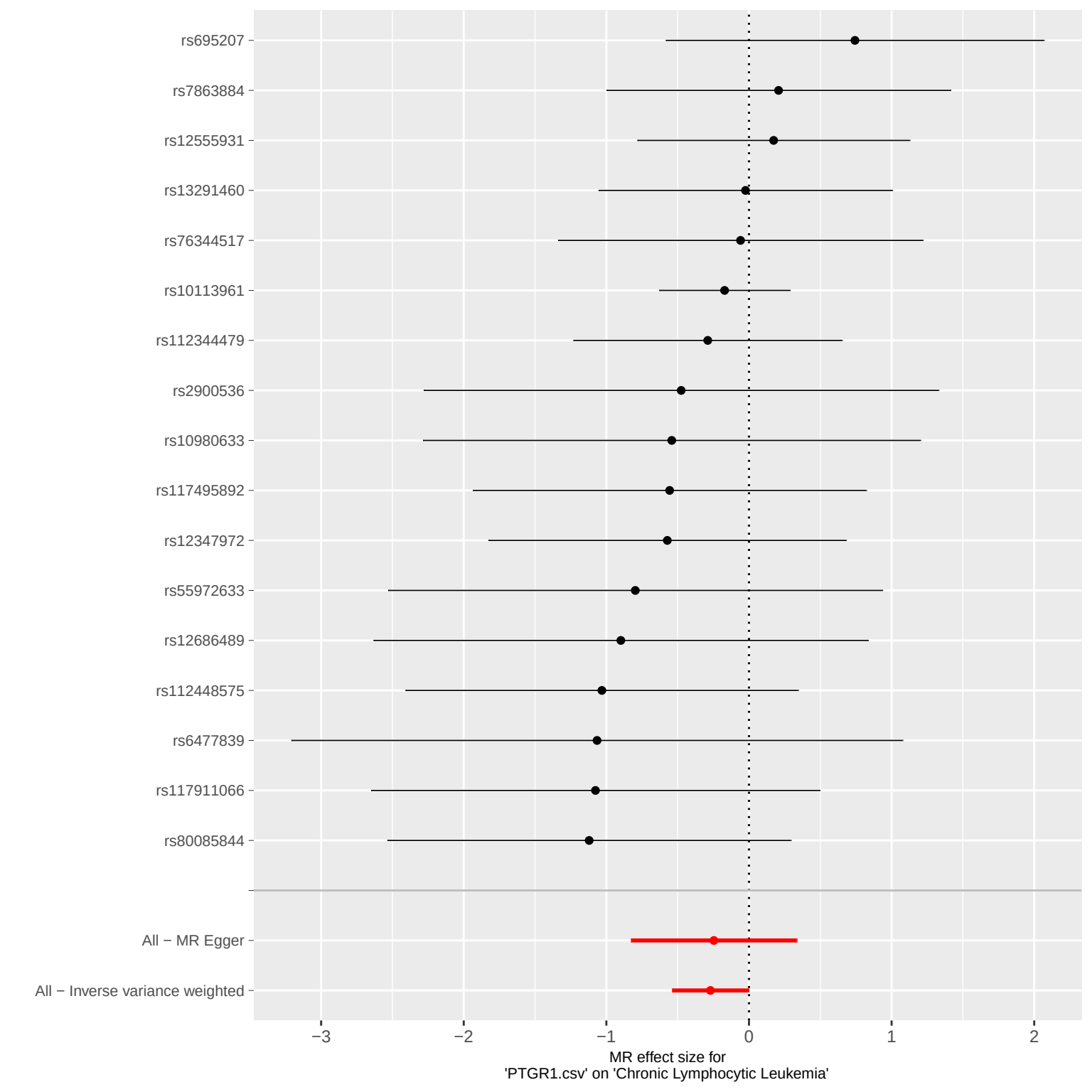
rs10923189
rs1926843
rs6687760
rs1013910
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'PTGFRN.csv' on 'Chronic Lymphocytic Leukemia'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rs12686489
rs112448575
rs6477839
rs117911066
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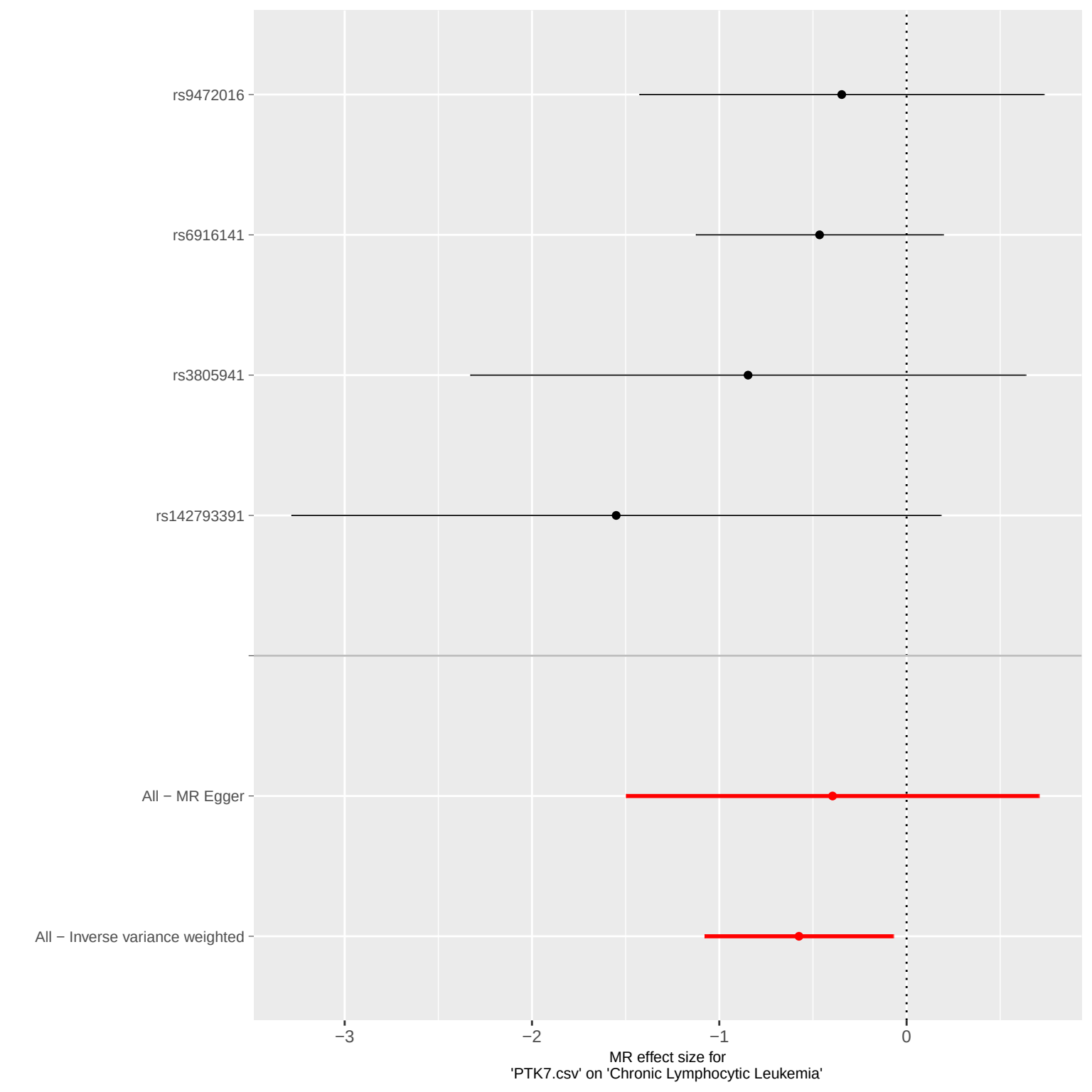
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'PTGR1.csv' on 'Chronic Lymphocytic Leukemia'


rs9472016
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rs3805941
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All − MR Egger
All − Inverse variance weighted
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−2
−1
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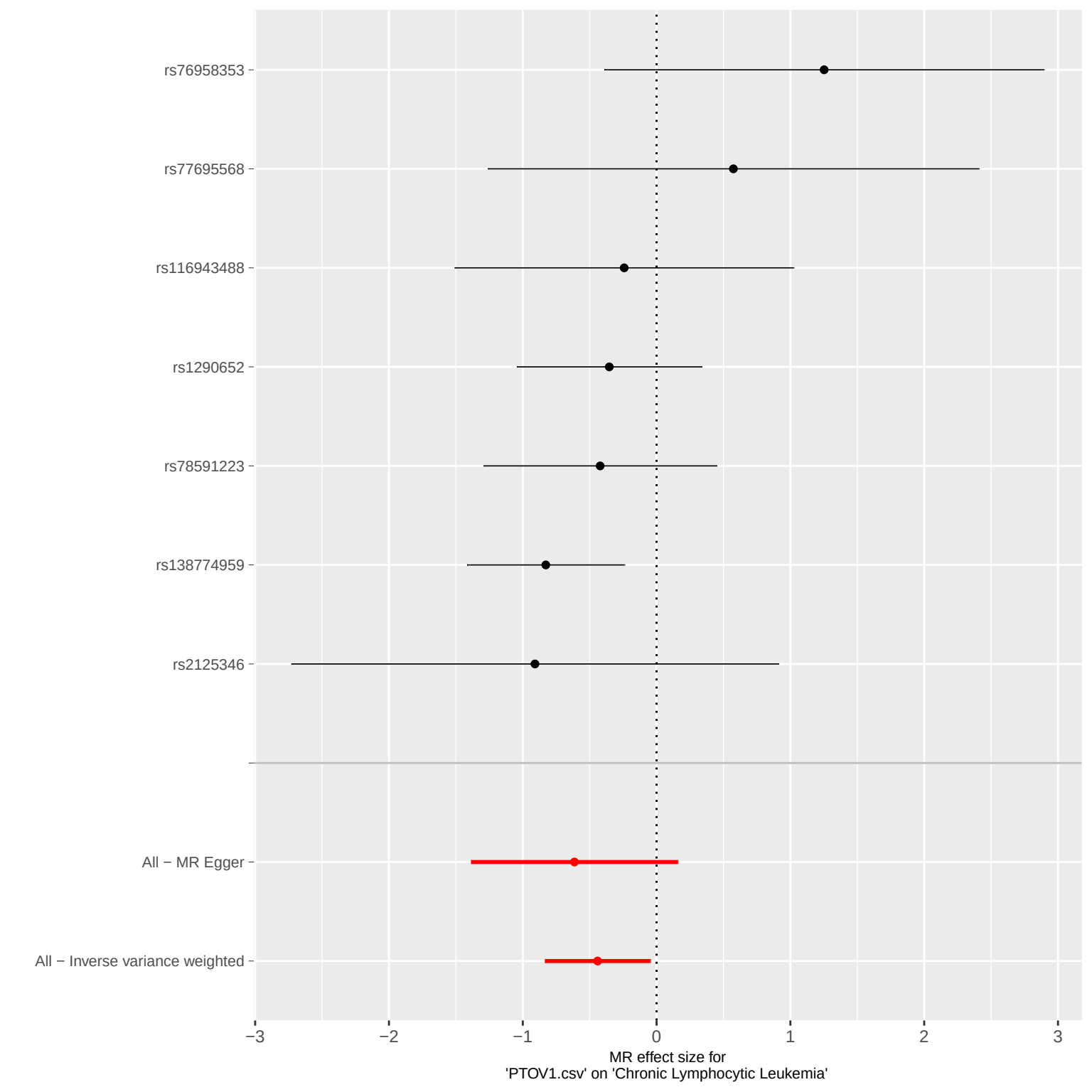
MR effect size for
'PTK7.csv' on 'Chronic Lymphocytic Leukemia'


rs76958353
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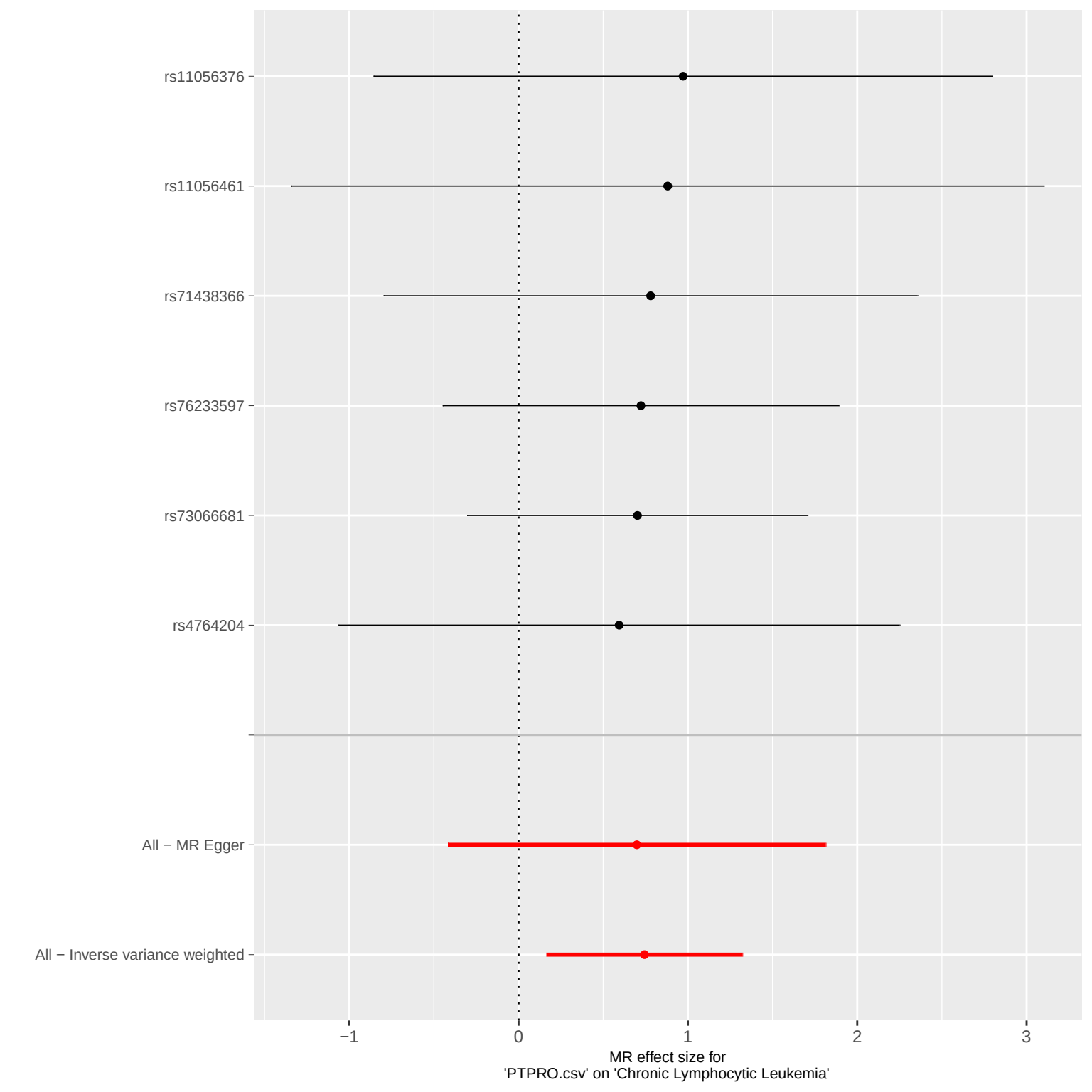
rs1290652
rs78591223
rs138774959
rs2125346
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'PTOV1.csv' on 'Chronic Lymphocytic Leukemia'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rs71438366
rs76233597
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All − MR Egger
All − Inverse variance weighted
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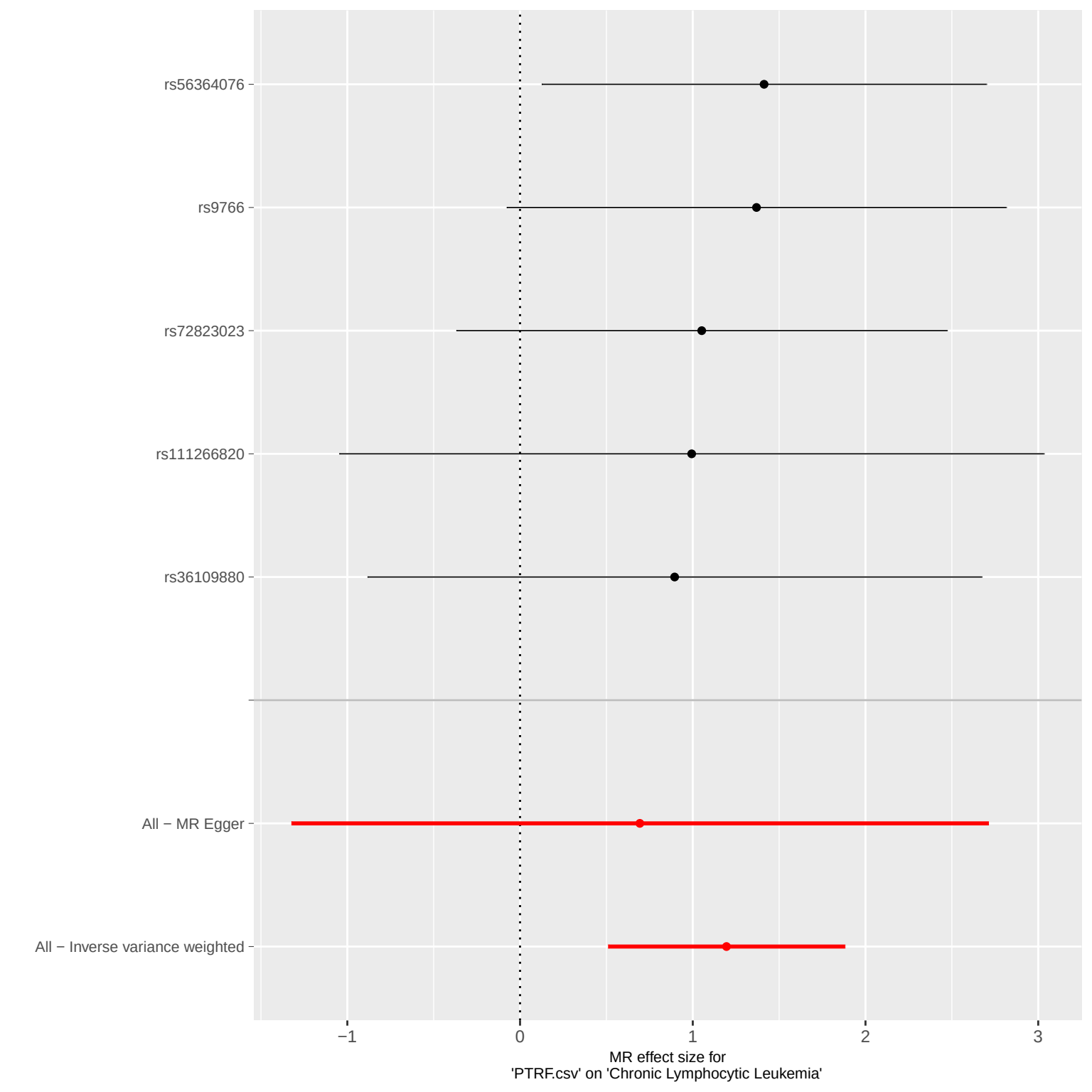
2
3
MR effect size for
'PTPRO.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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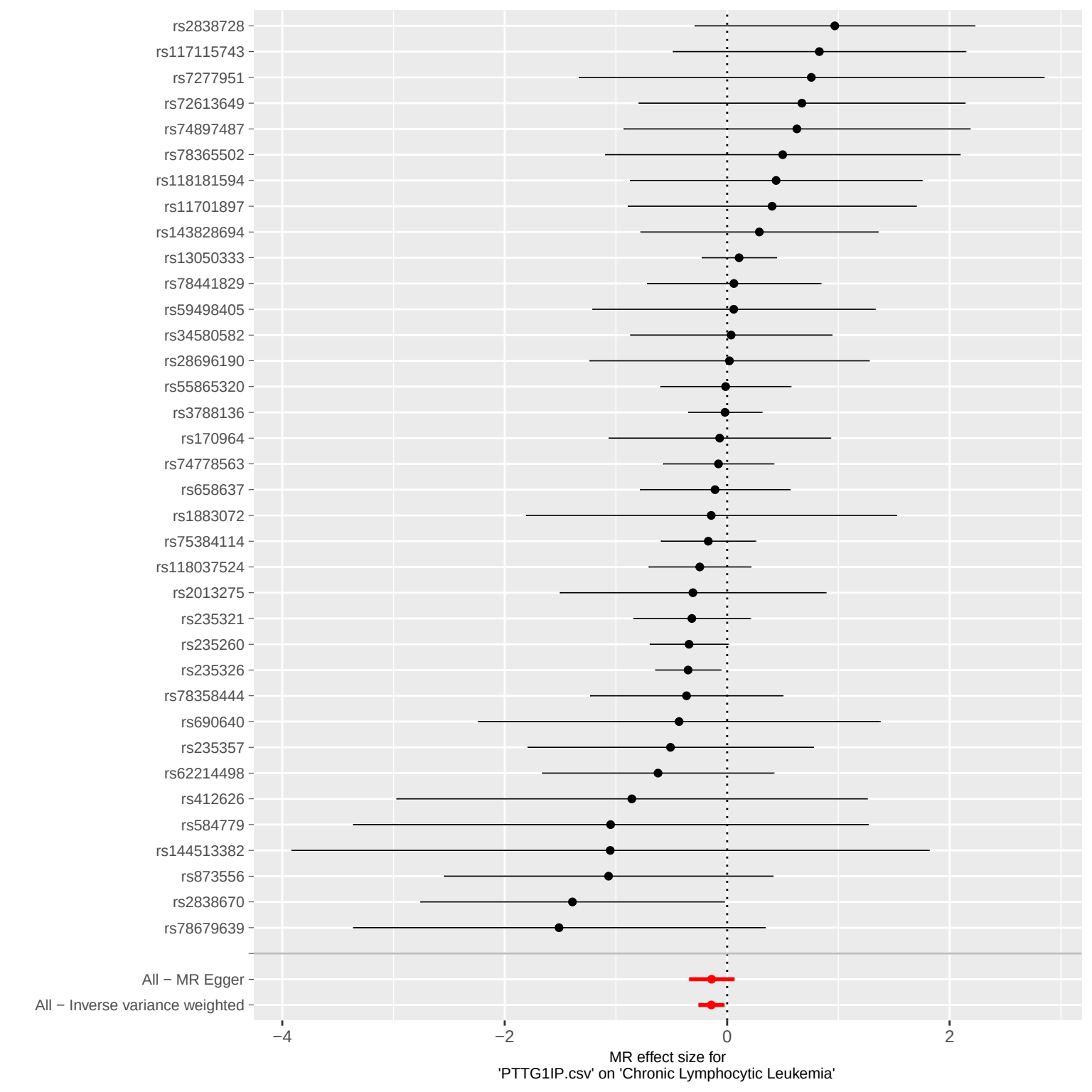
2
3
MR effect size for
'PTRF.csv' on 'Chronic Lymphocytic Leukemia'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rs1883072
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rs235321
rs235260
rs235326
rs78358444
rs690640
rs235357
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rs584779
rs144513382
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rs2838670
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All − MR Egger
All − Inverse variance weighted
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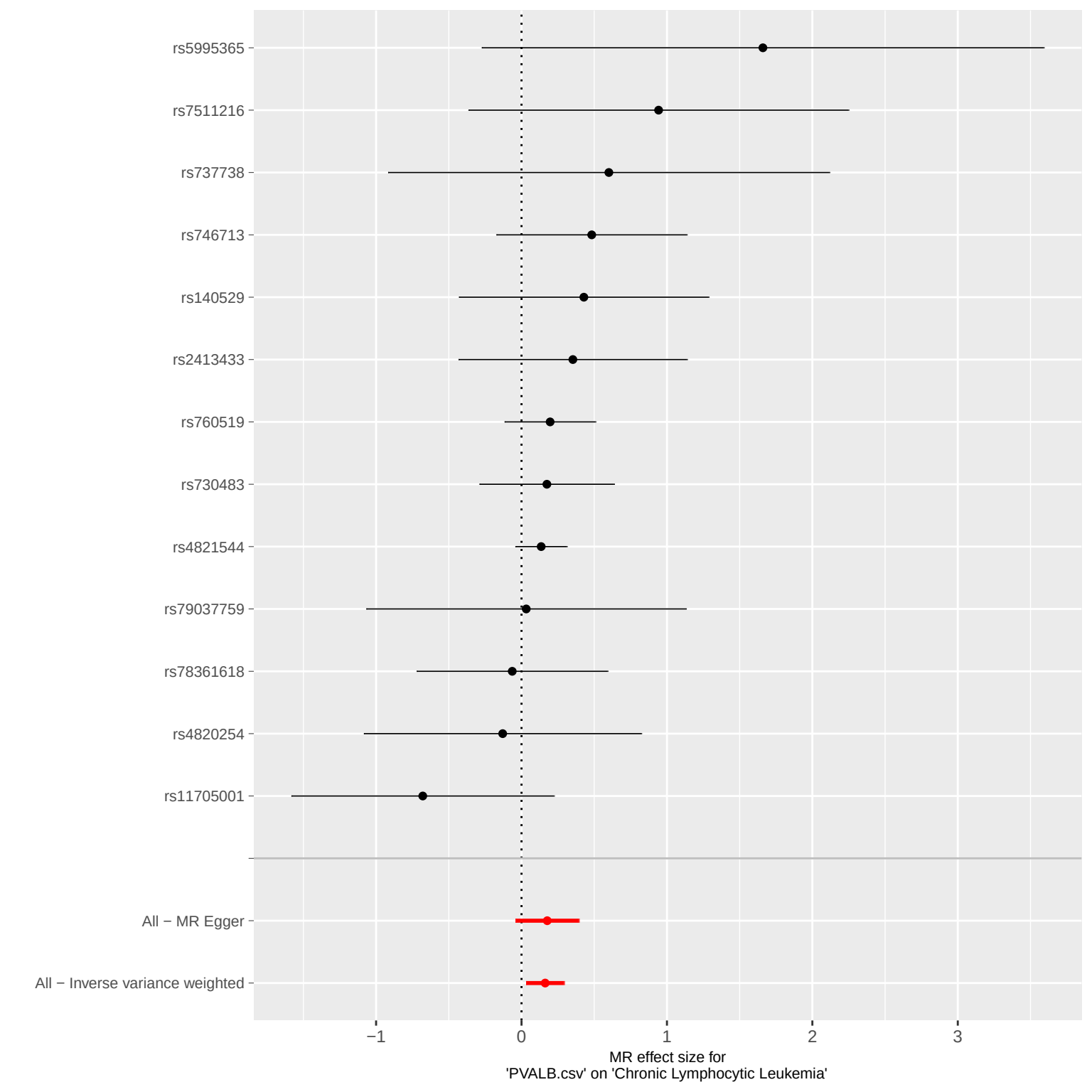
MR effect size for
'PTTG1IP.csv' on 'Chronic Lymphocytic Leukemia'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rs78361618
rs4820254
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All − MR Egger
All − Inverse variance weighted
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2
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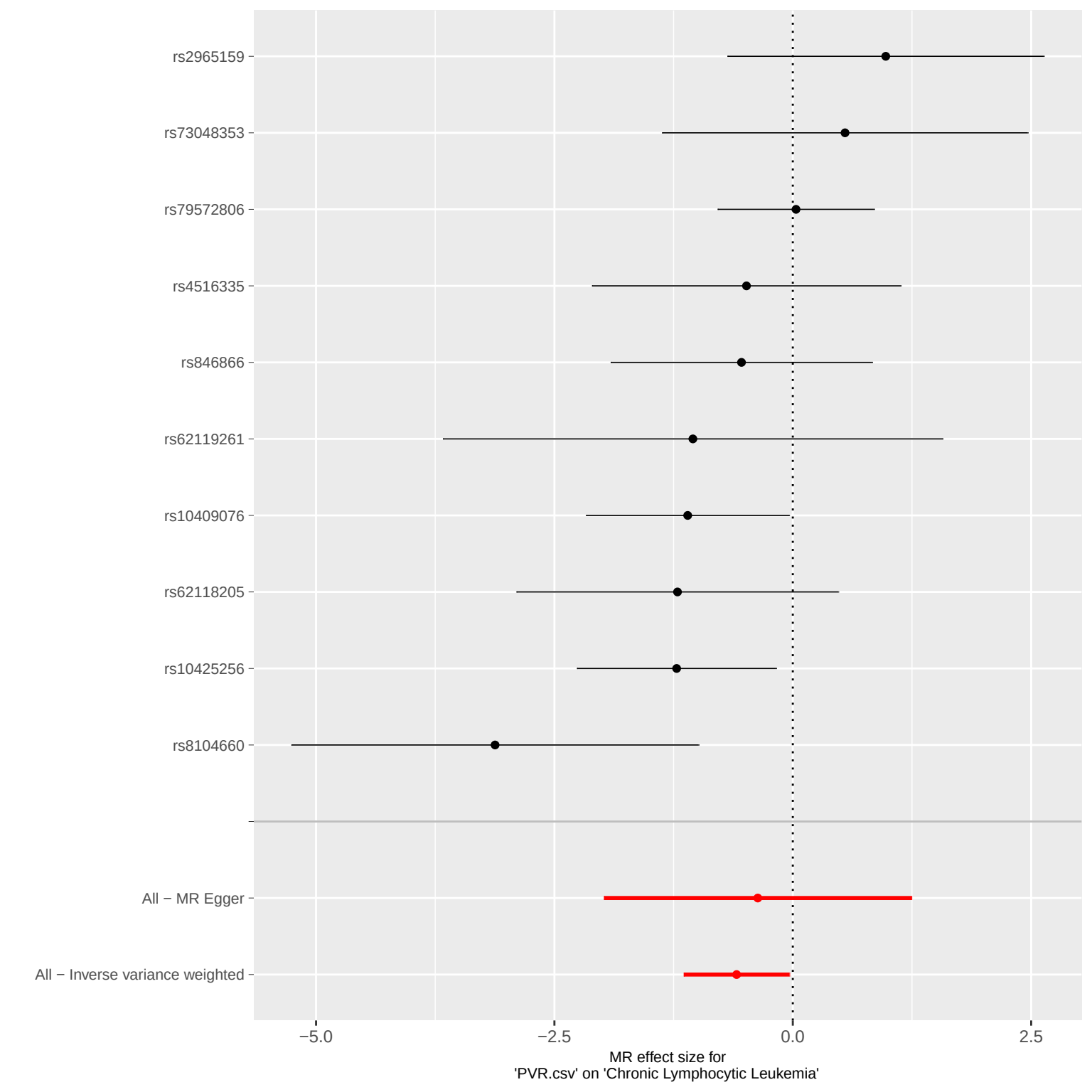
MR effect size for
'PVALB.csv' on 'Chronic Lymphocytic Leukemia'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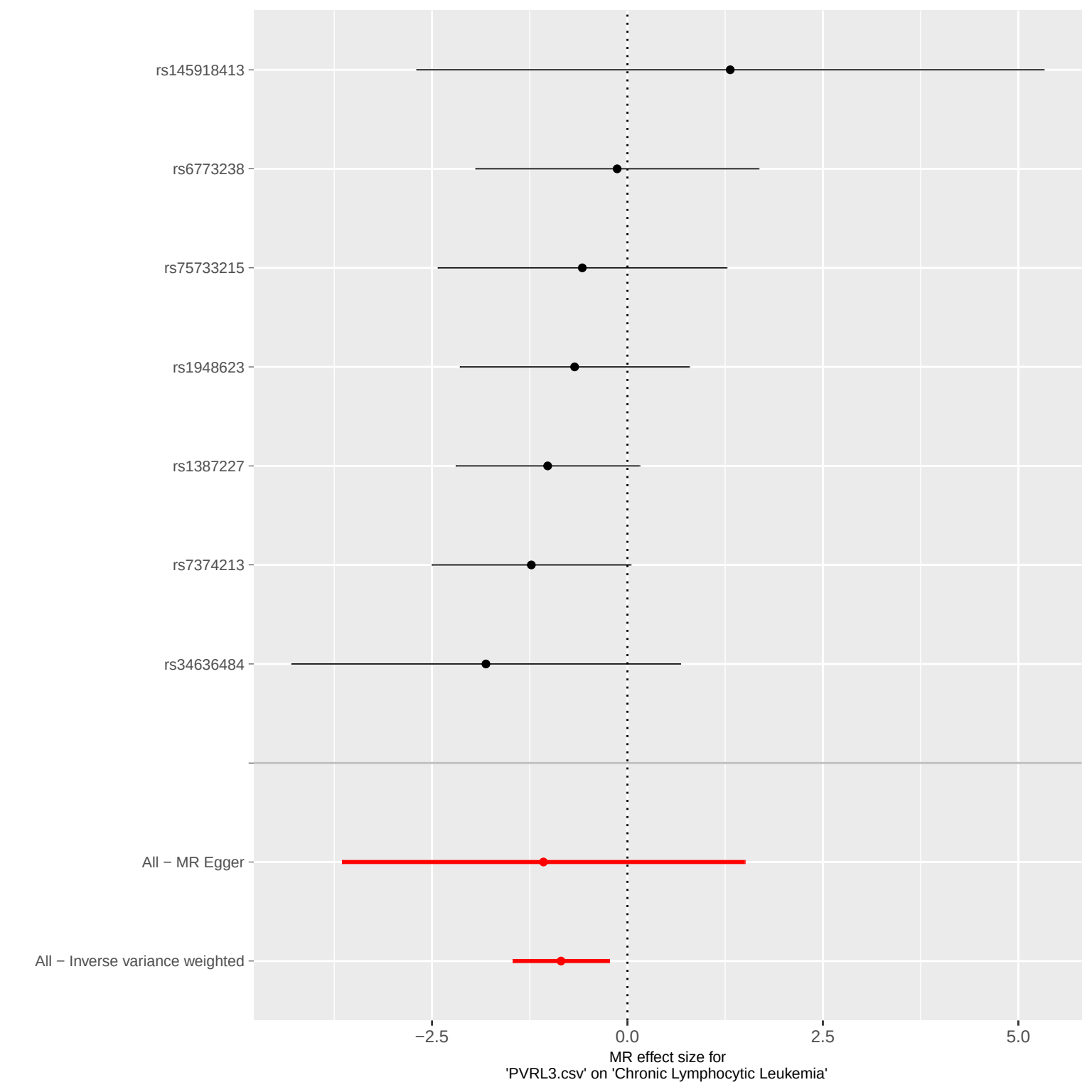
rs79572806
rs4516335
rs846866
rs62119261
rs10409076
rs62118205
rs10425256
rs8104660
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'PVR.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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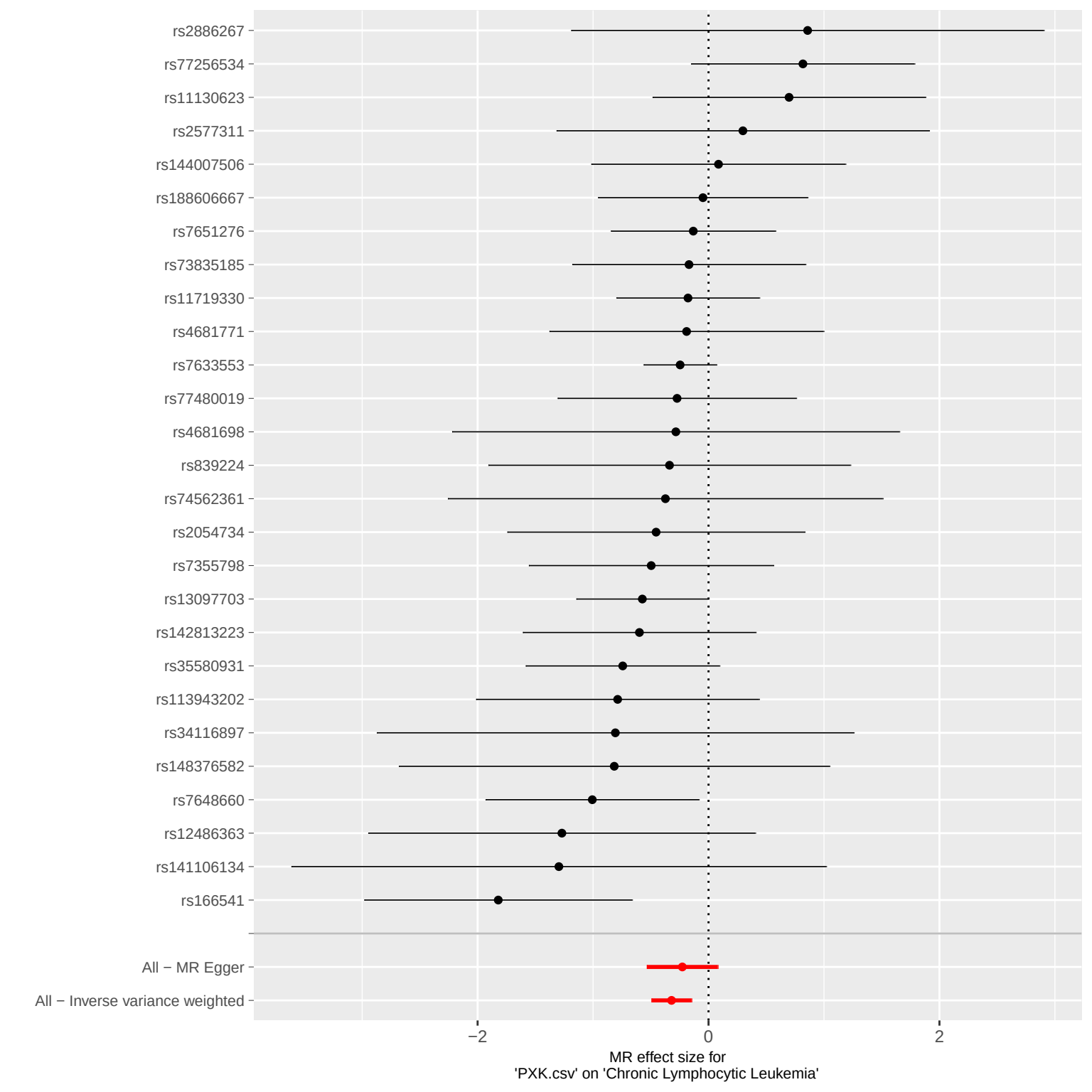
0.0
2.5
5.0
MR effect size for
'PVRL3.csv' on 'Chronic Lymphocytic Leukemia'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rs4681698
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rs74562361
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rs7355798
rs13097703
rs142813223
rs35580931
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rs34116897
rs148376582
rs7648660
rs12486363
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All − MR Egger
All − Inverse variance weighted
−2
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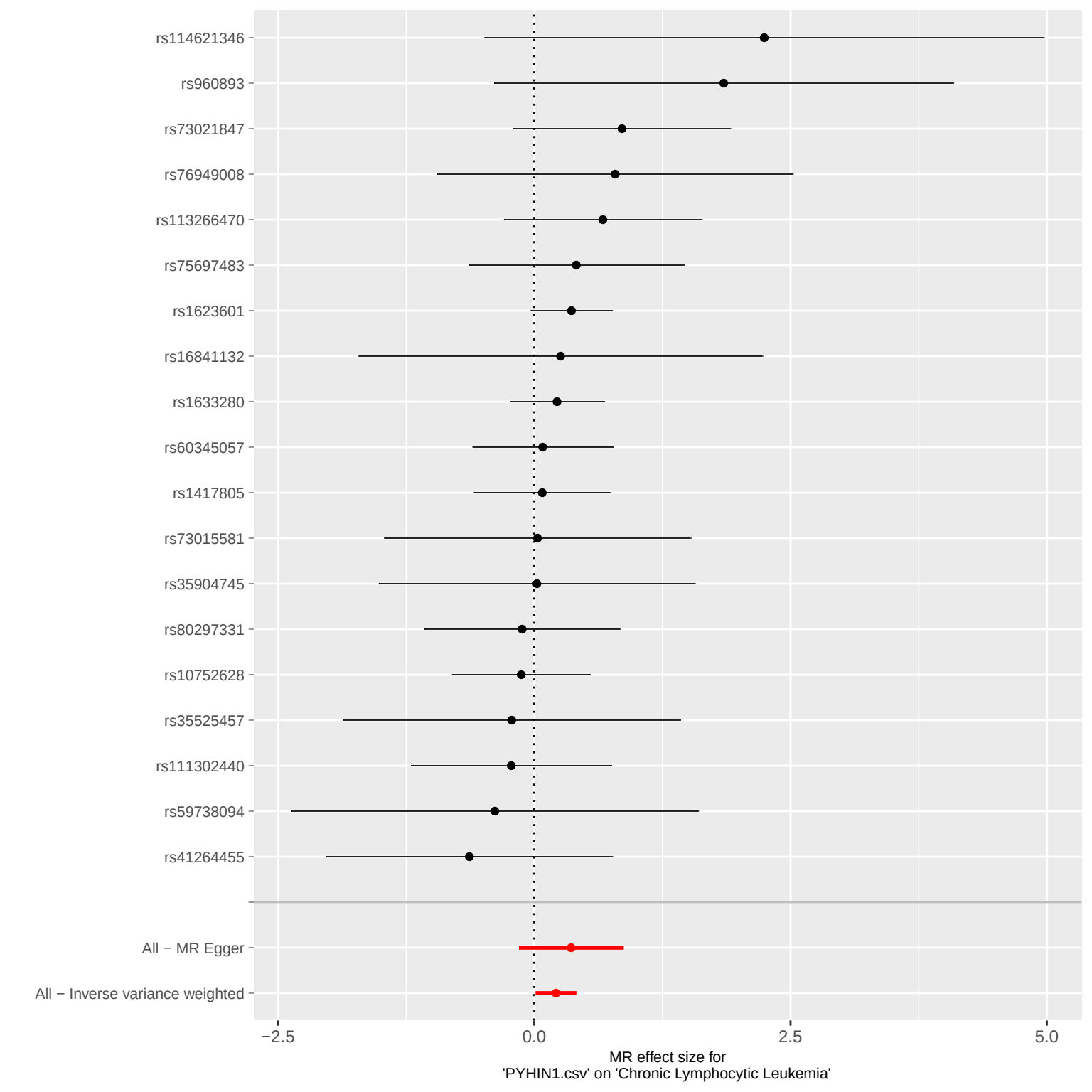
MR effect size for
'PXK.csv' on 'Chronic Lymphocytic Leukemia'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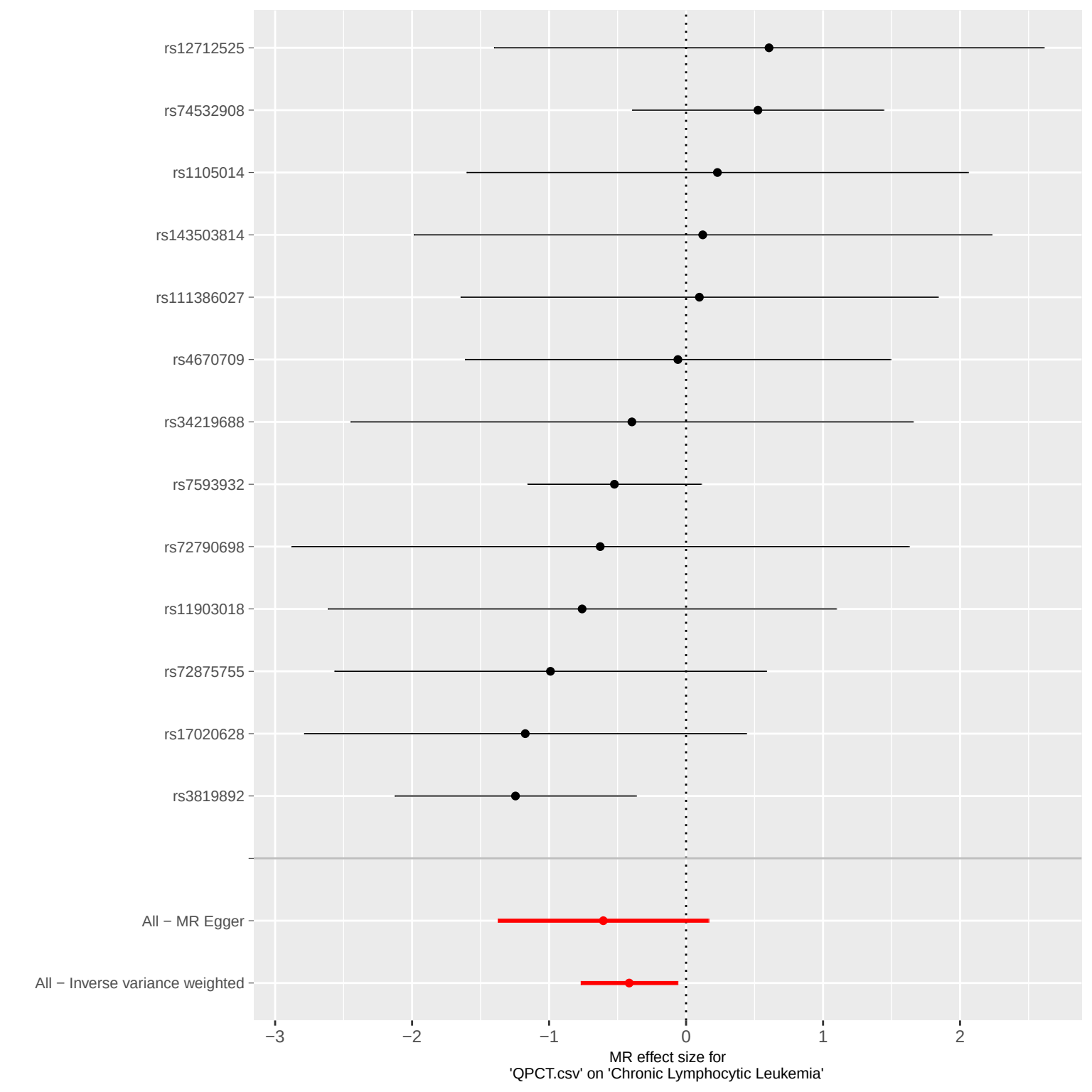
rs1417805
rs73015581
rs35904745
rs80297331
rs10752628
rs35525457
rs111302440
rs59738094
rs41264455
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'PYHIN1.csv' on 'Chronic Lymphocytic Leukemia'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rs4670709
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rs7593932
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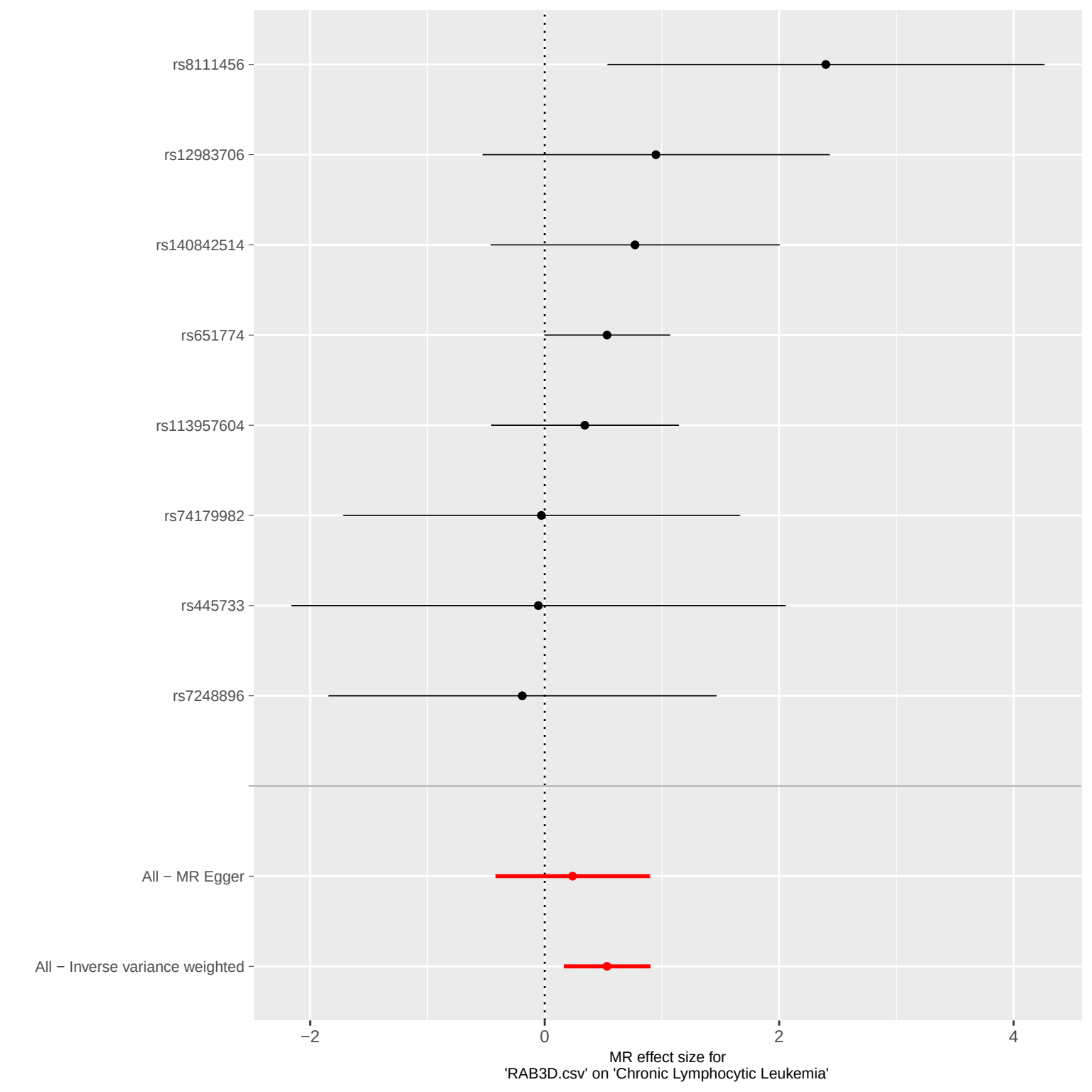
rs72875755
rs17020628
rs3819892
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'QPCT.csv' on 'Chronic Lymphocytic Leukemia'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rs113957604
rs74179982
rs445733
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All − MR Egger
All − Inverse variance weighted
−2
0
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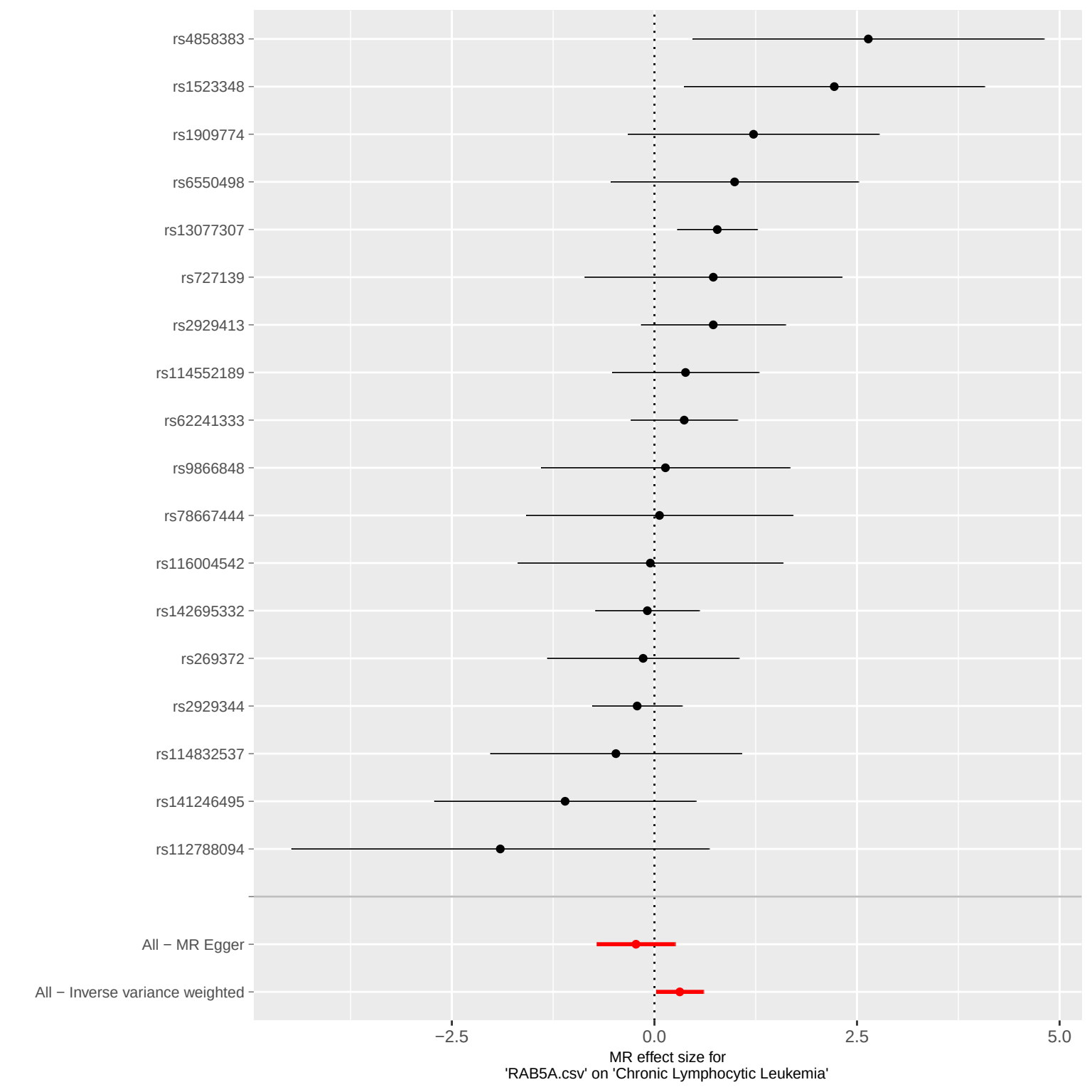
4
MR effect size for
'RAB3D.csv' on 'Chronic Lymphocytic Leukemia'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rs2929344
rs114832537
rs141246495
rs112788094
All − MR Egger
All − Inverse variance weighted
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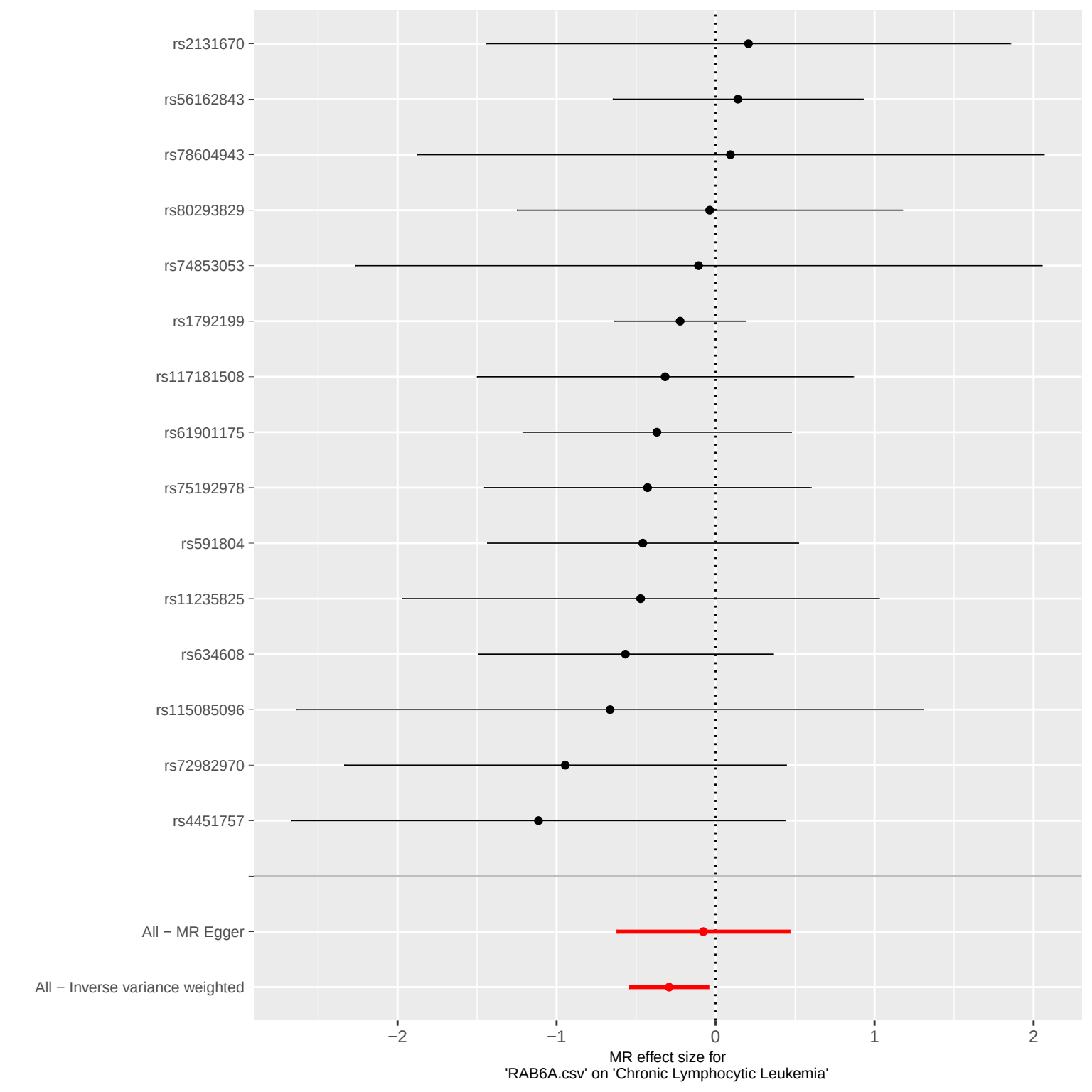
0.0
2.5
5.0
MR effect size for
'RAB5A.csv' on 'Chronic Lymphocytic Leukemia'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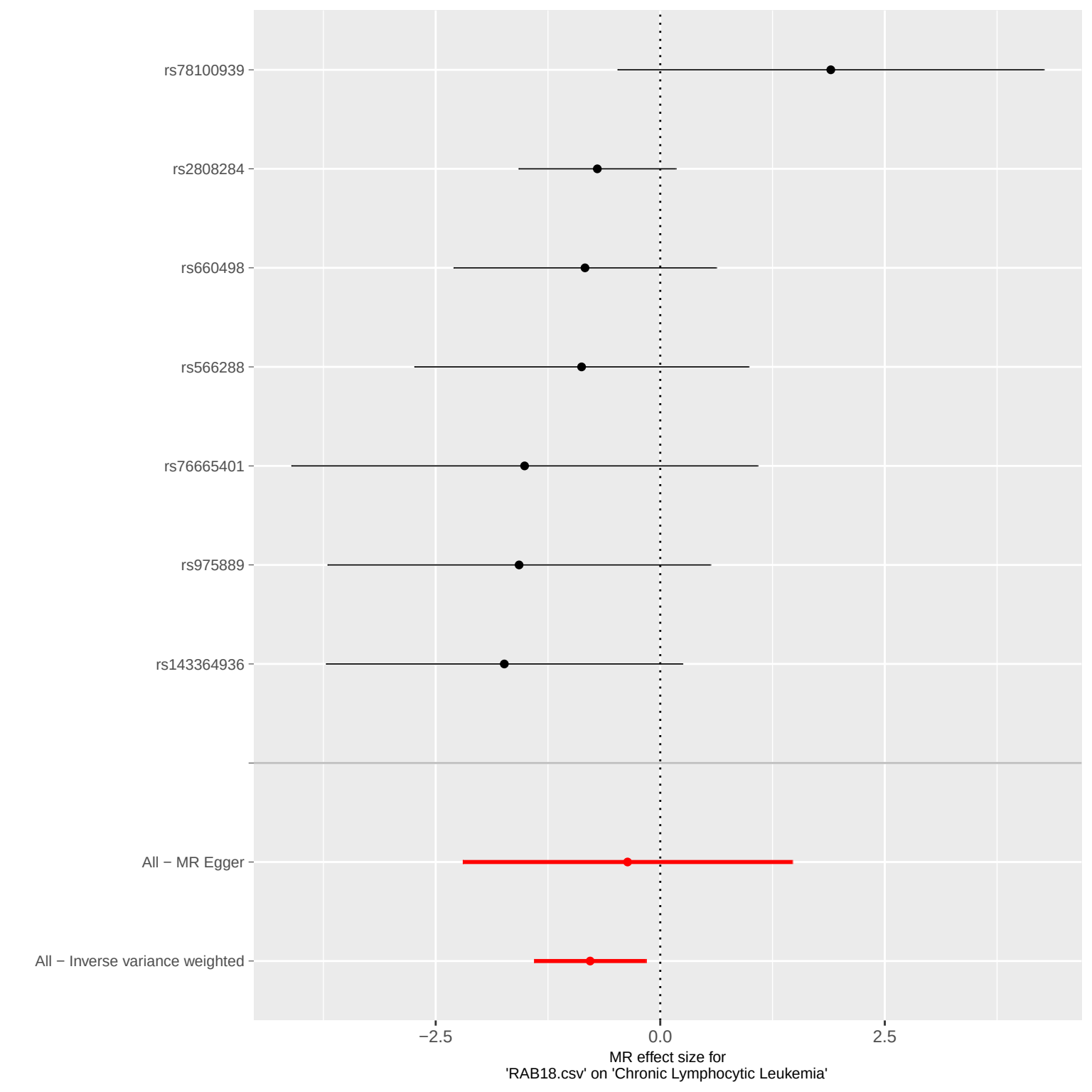
rs634608
rs115085096
rs72982970
rs4451757
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RAB6A.csv' on 'Chronic Lymphocytic Leukemia'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rs660498
rs566288
rs76665401
rs975889
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All − MR Egger
All − Inverse variance weighted
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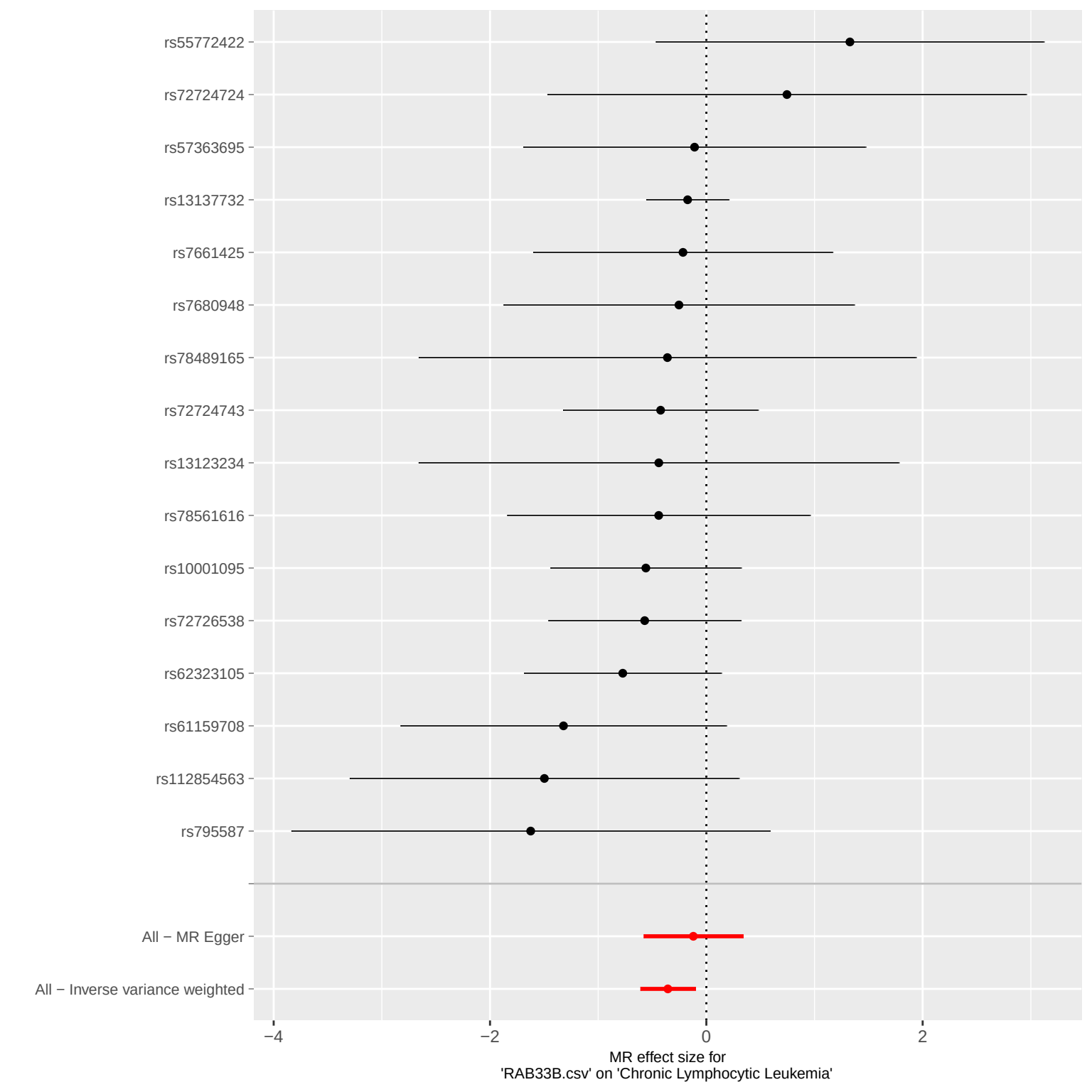
0.0
2.5
MR effect size for
'RAB18.csv' on 'Chronic Lymphocytic Leukemia'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rs10001095
rs72726538
rs62323105
rs61159708
rs112854563
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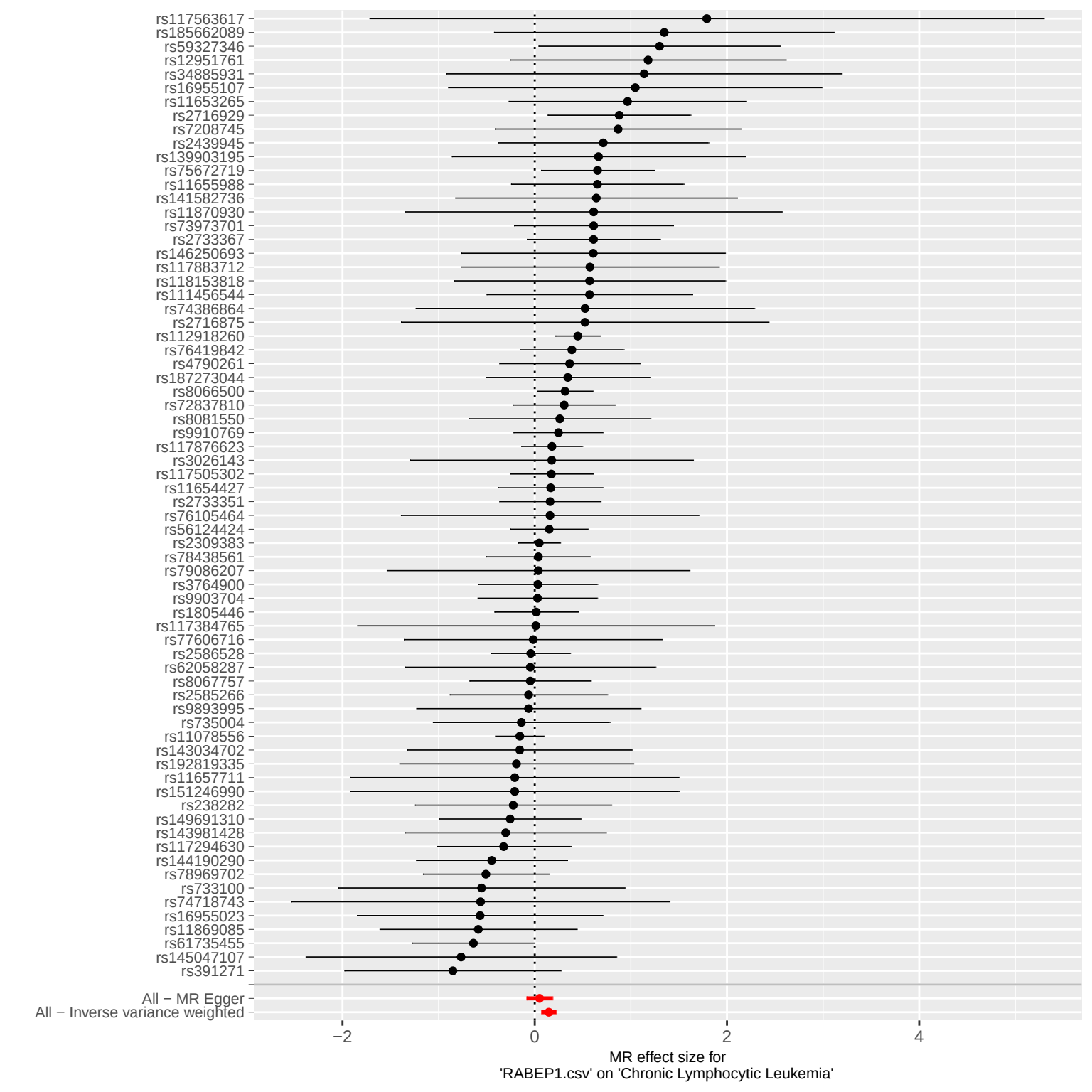
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RAB33B.csv' on 'Chronic Lymphocytic Leukemia'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rs16955023
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rs61735455
rs145047107
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All − MR Egger
All − Inverse variance weighted
−2
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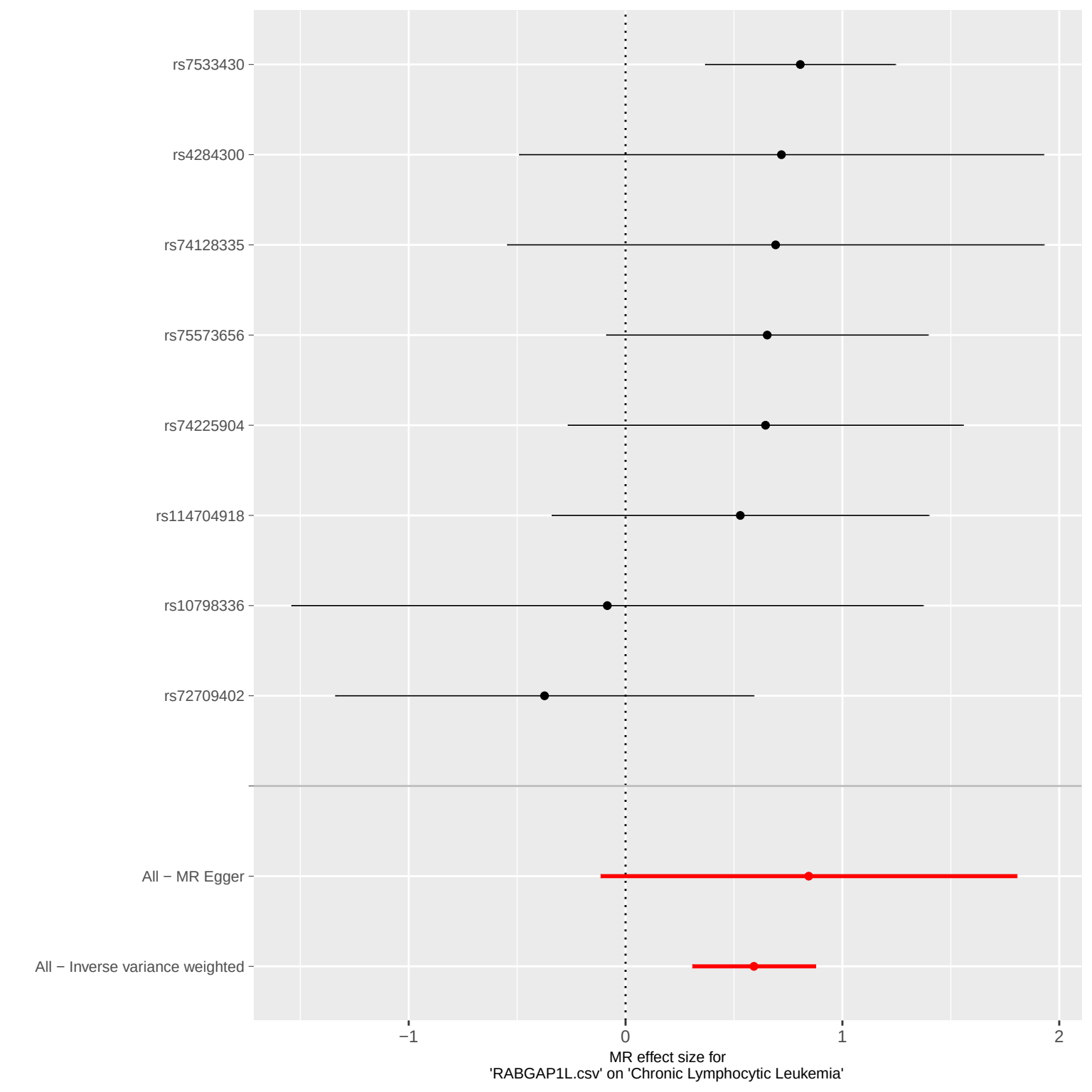
2
4
MR effect size for
'RABEP1.csv' on 'Chronic Lymphocytic Leukemia'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rs74225904
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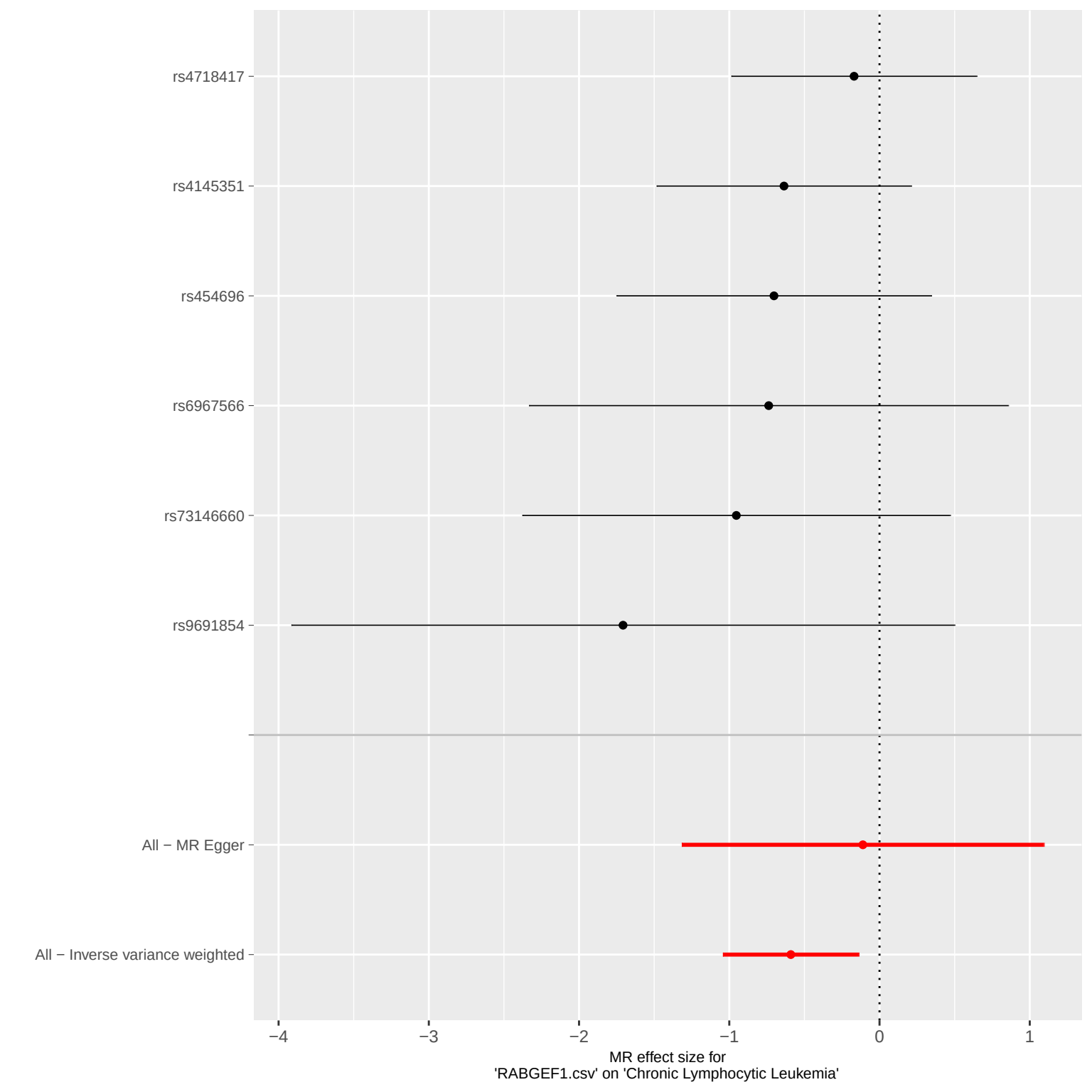
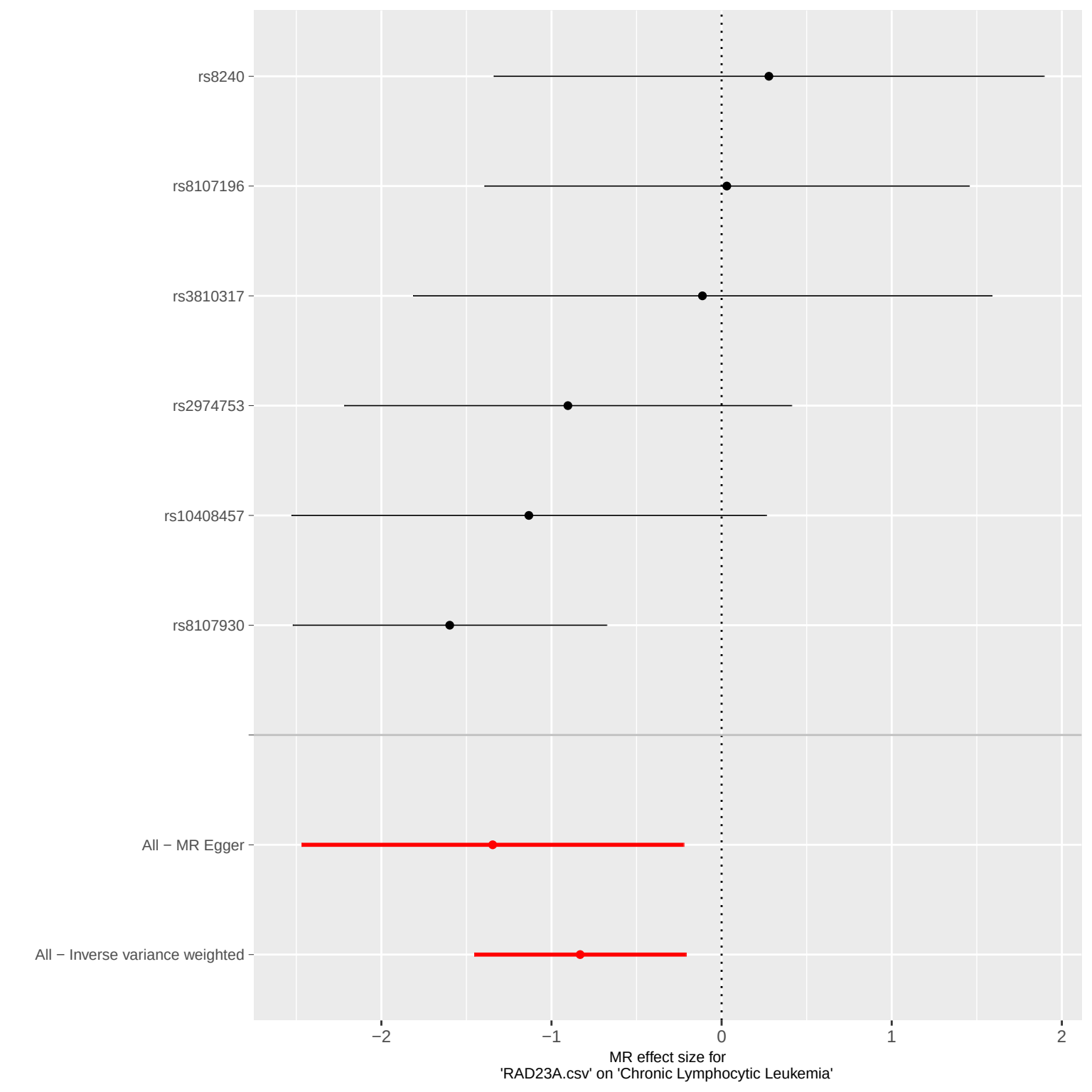
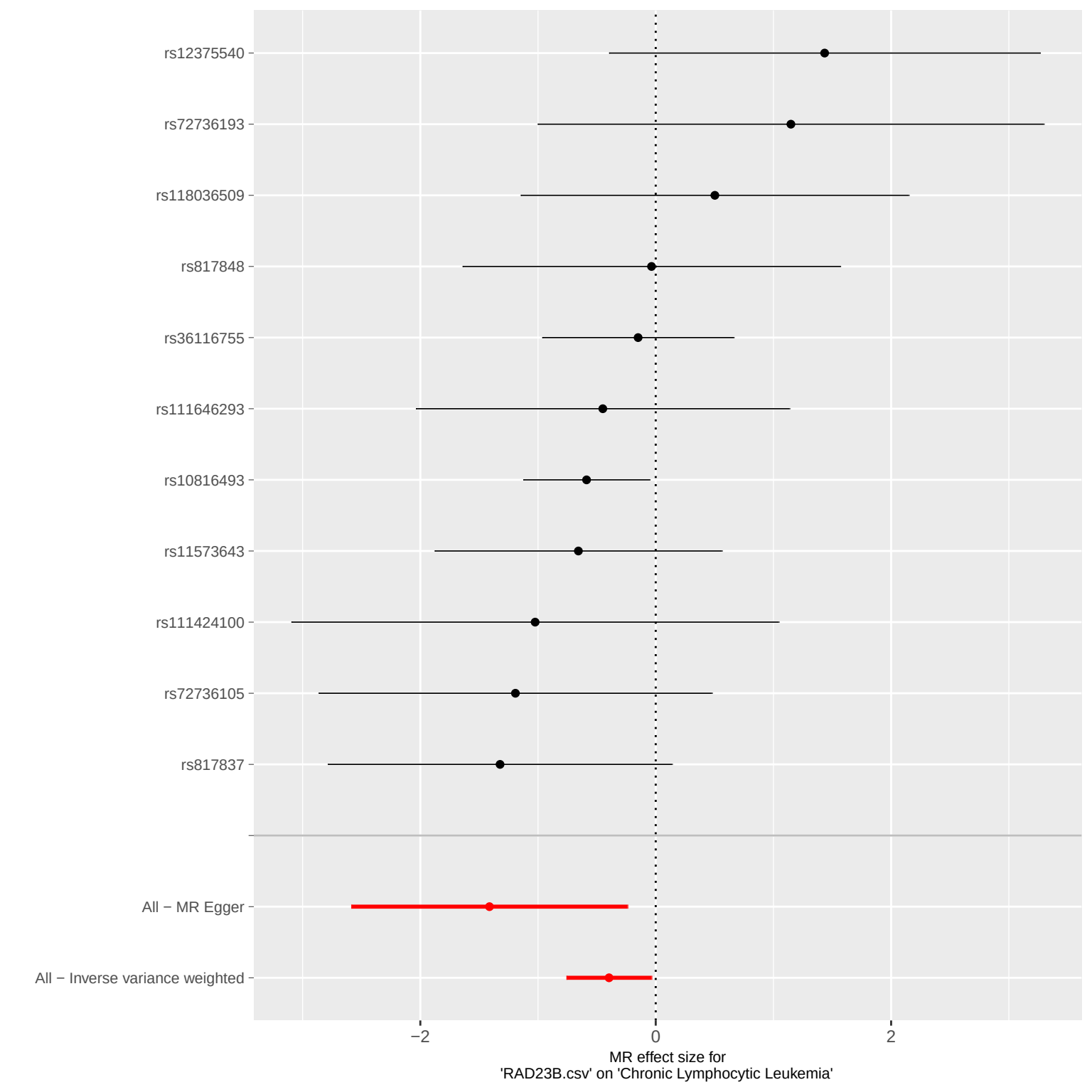
rs10798336
rs72709402
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'RABGAP1L.csv' on 'Chronic Lymphocytic Leukemia'


rs4718417
rs4145351
rs454696
rs6967566
rs73146660
rs9691854
All − MR Egger
All − Inverse variance weighted
−4
−3
−2
−1
0
1
MR effect size for
'RABGEF1.csv' on 'Chronic Lymphocytic Leukemia'


rs8240
rs8107196
rs3810317
rs2974753
rs10408457
rs8107930
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RAD23A.csv' on 'Chronic Lymphocytic Leukemia'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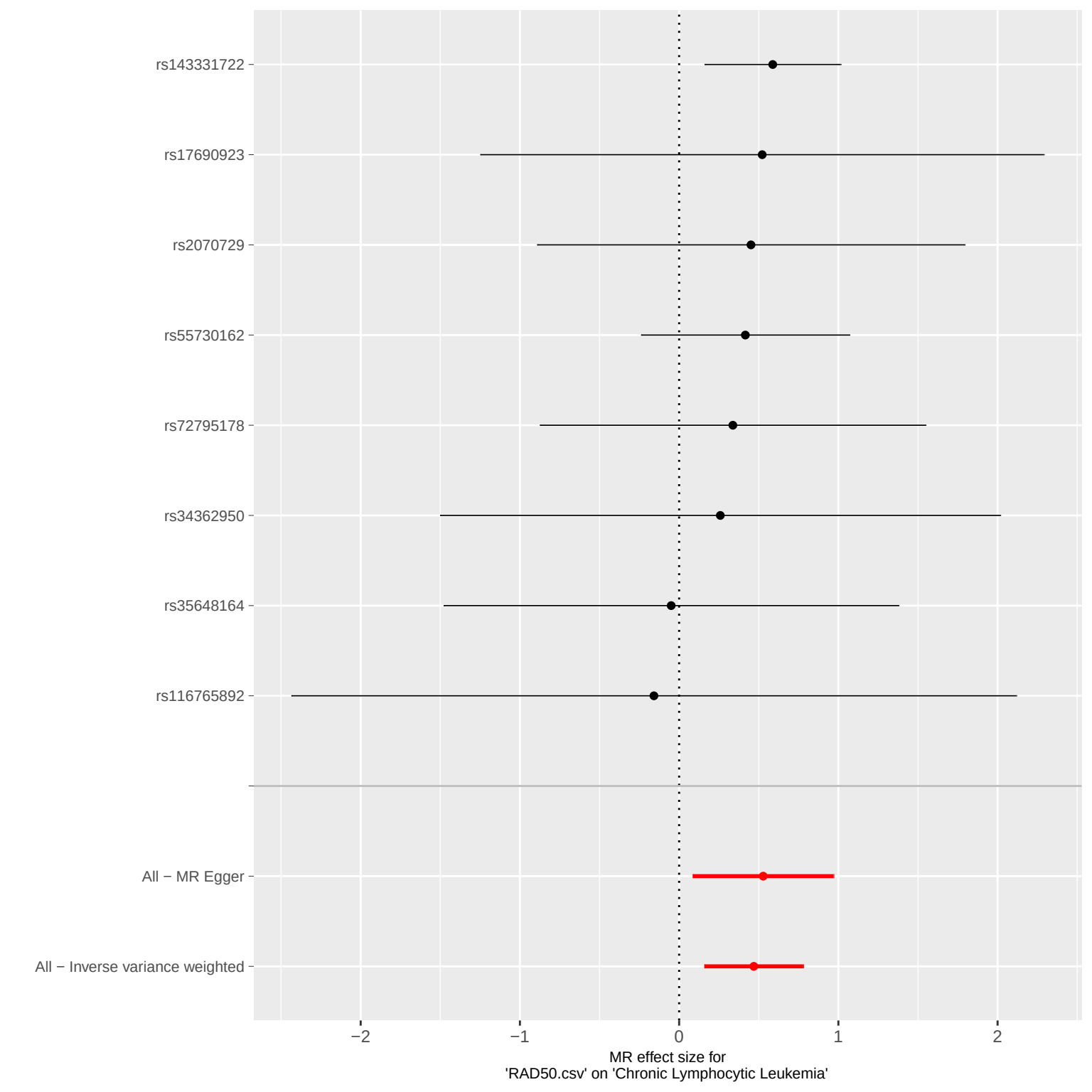
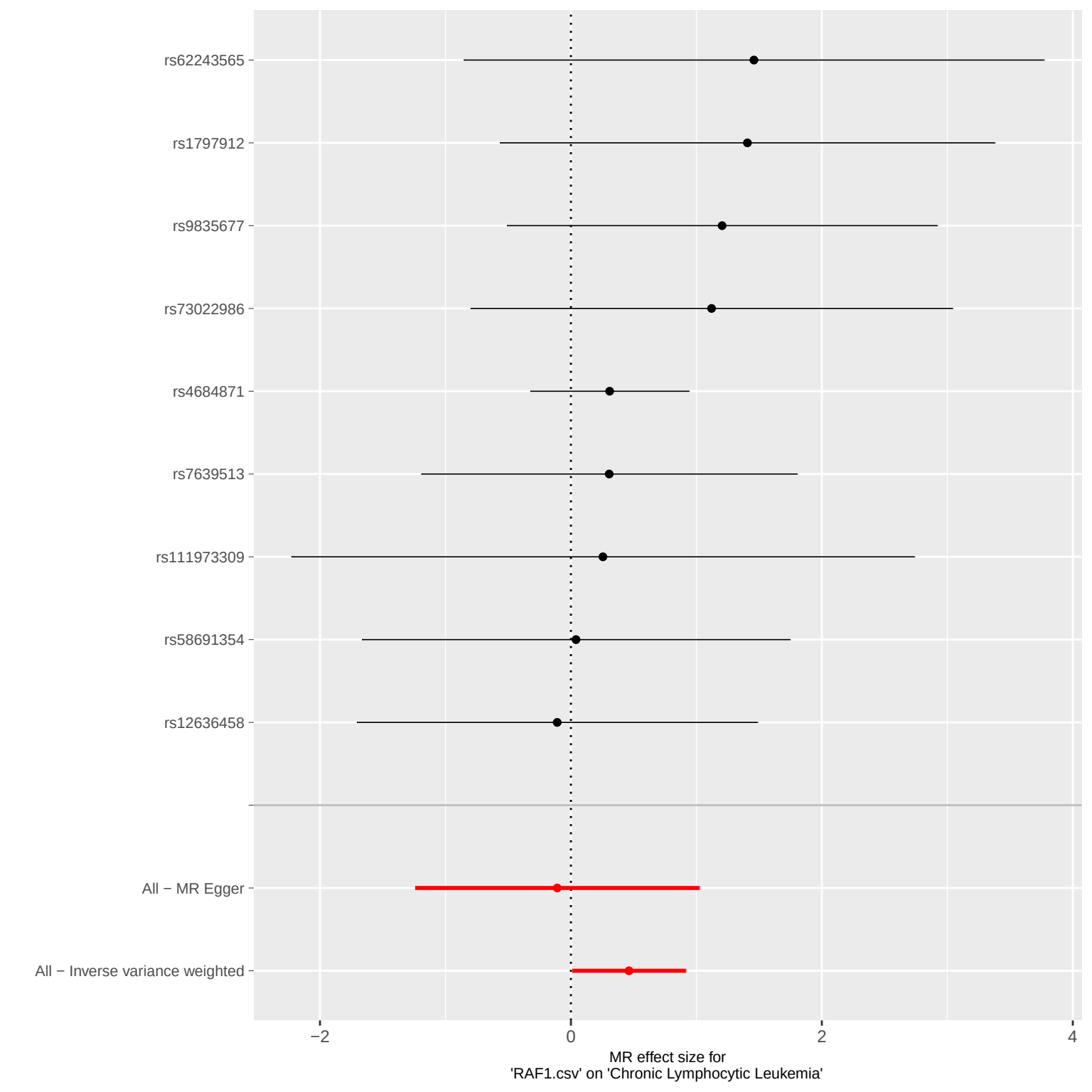
rs72736193
rs118036509
rs817848
rs36116755
rs111646293
rs10816493
rs11573643
rs111424100
rs72736105
rs817837
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RAD23B.csv' on 'Chronic Lymphocytic Leukemia'


rs143331722
rs17690923
rs2070729
rs55730162
rs72795178
rs34362950
rs35648164
rs116765892
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RAD50.csv' on 'Chronic Lymphocytic Leukemia'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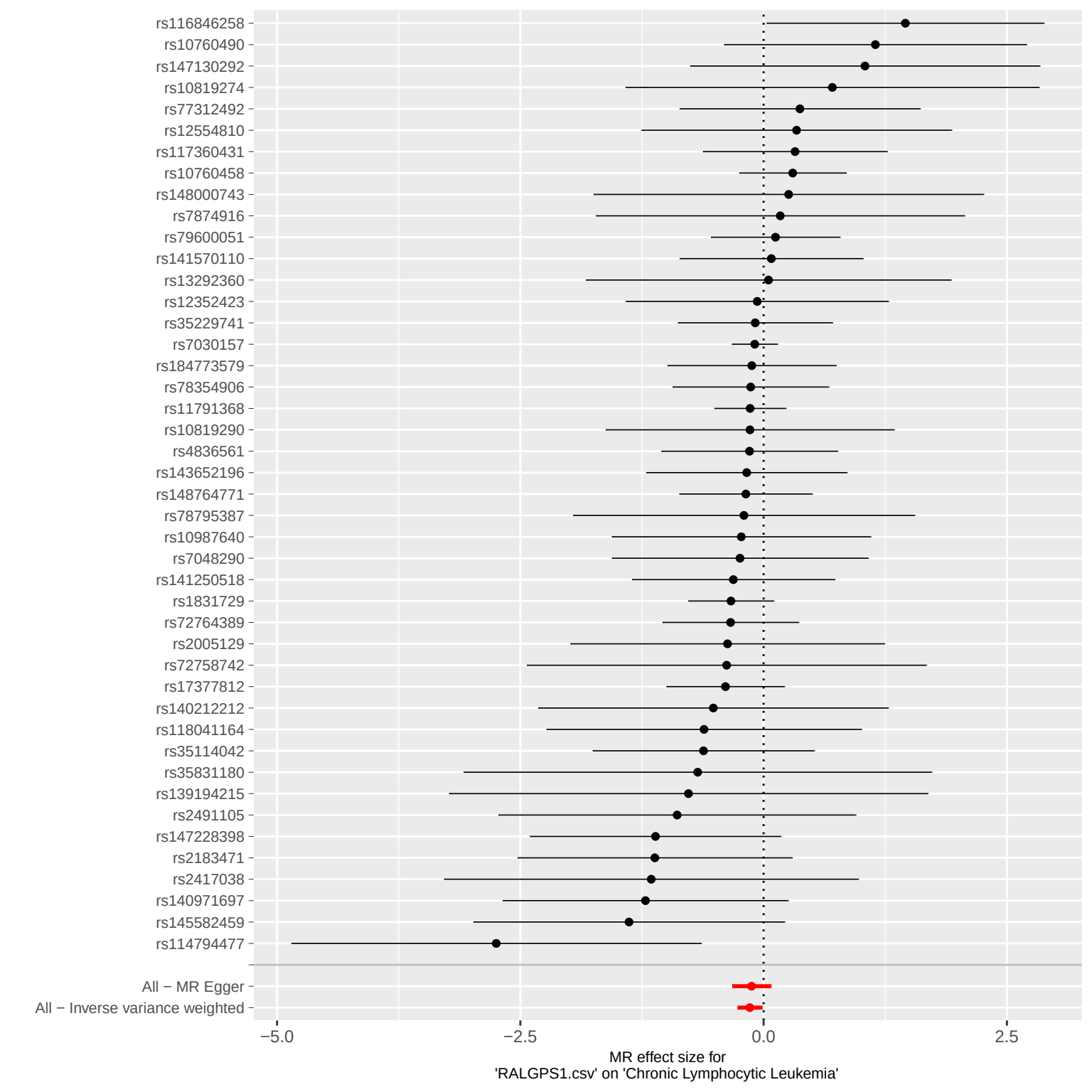
rs1797912
rs9835677
rs73022986
rs4684871
rs7639513
rs111973309
rs58691354
rs12636458
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RAF1.csv' on 'Chronic Lymphocytic Leukemia'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rs141570110
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rs12352423
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rs7030157
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rs7048290
rs141250518
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rs72764389
rs2005129
rs72758742
rs17377812
rs140212212
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rs35114042
rs35831180
rs139194215
rs2491105
rs147228398
rs2183471
rs2417038
rs140971697
rs145582459
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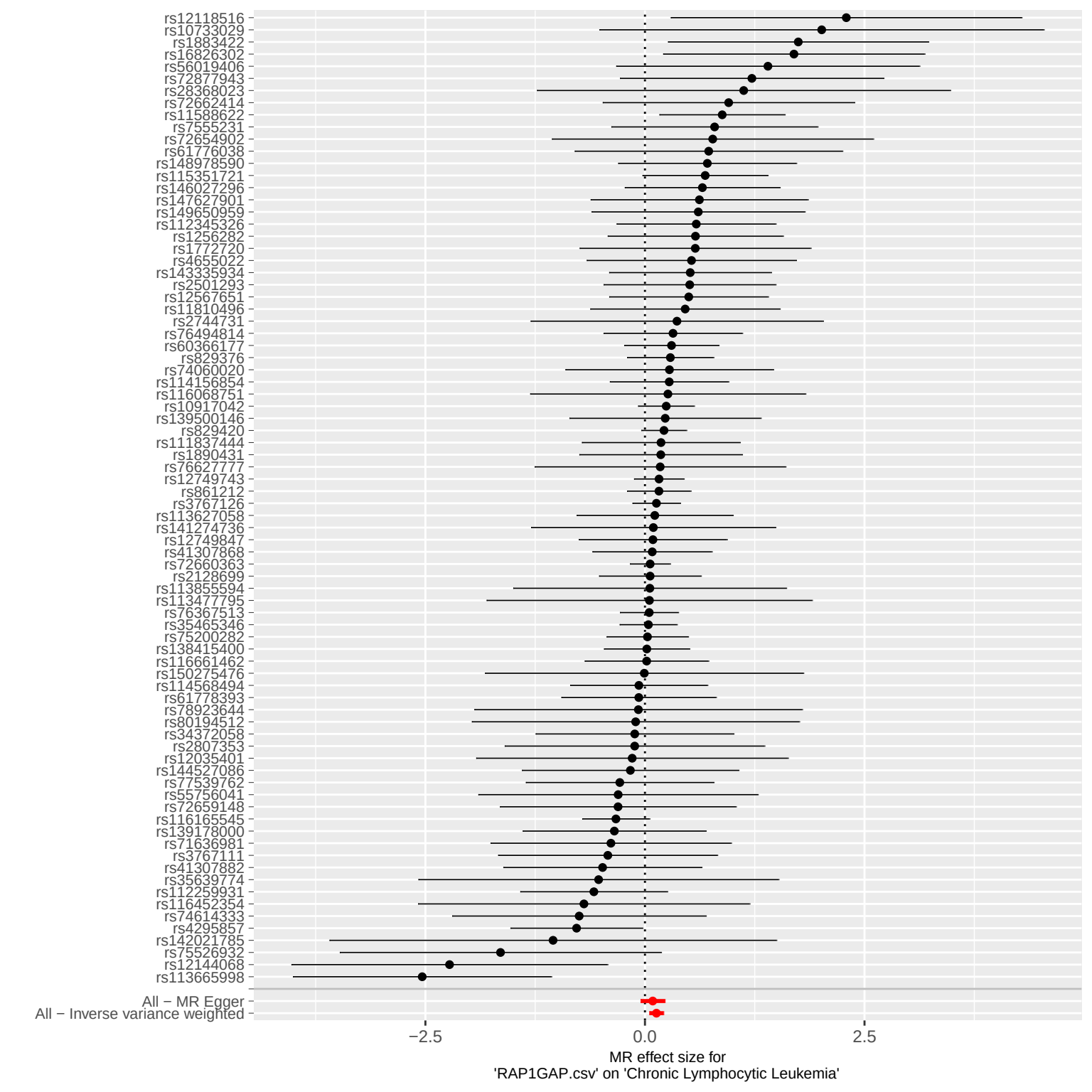
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'RALGPS1.csv' on 'Chronic Lymphocytic Leukemia'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rs115351721
rs146027296
rs147627901
rs149650959
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rs1256282
rs1772720
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rs2501293
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rs11810496
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rs829376
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rs10917042
rs139500146
rs829420
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rs76627777
rs12749743
rs861212
rs3767126
rs113627058
rs141274736
rs12749847
rs41307868
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rs114568494
rs61778393
rs78923644
rs80194512
rs34372058
rs2807353
rs12035401
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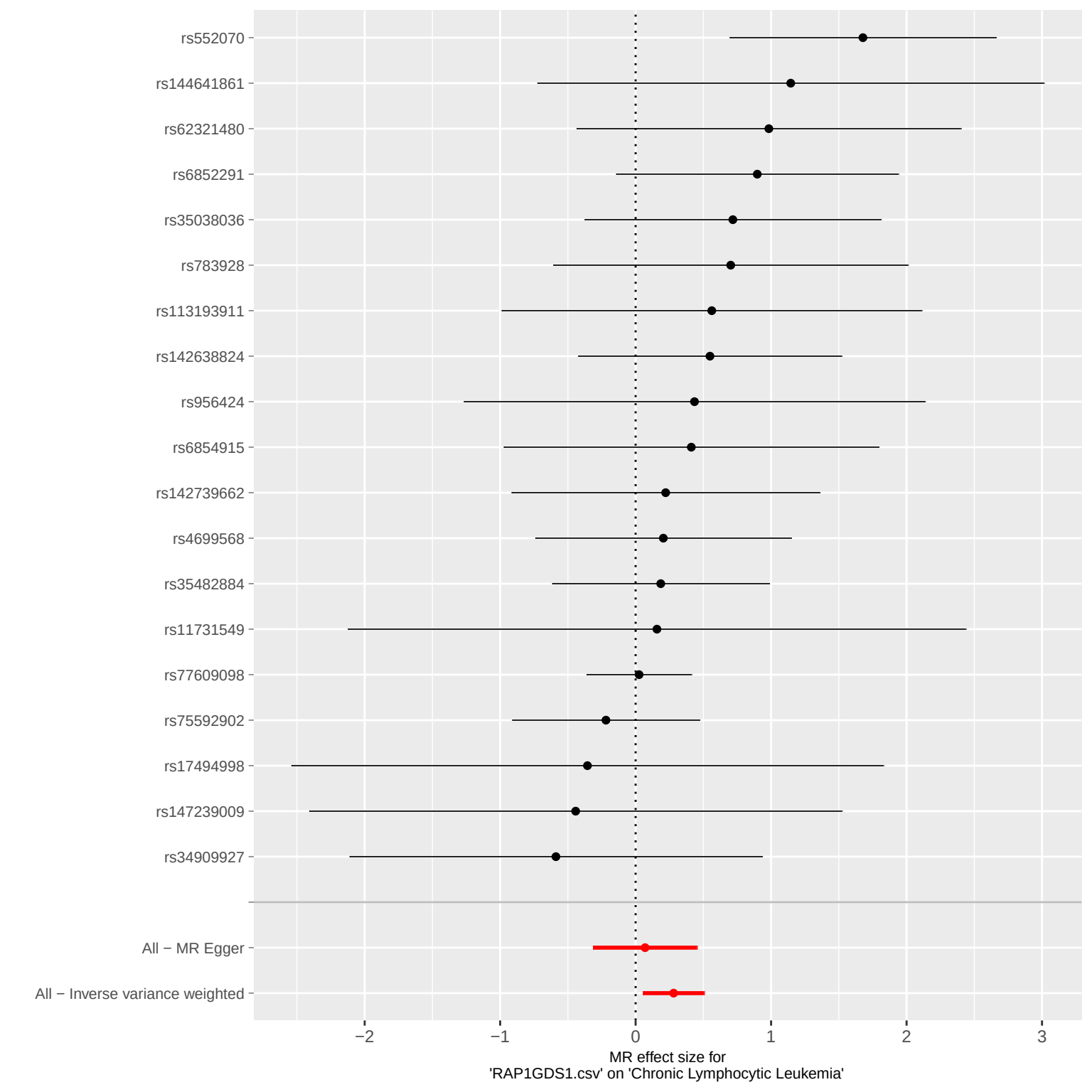
rs55756041
rs72659148
rs116165545
rs139178000
rs71636981
rs3767111
rs41307882
rs35639774
rs112259931
rs116452354
rs74614333
rs4295857
rs142021785
rs75526932
rs12144068
rs113665998
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'RAP1GAP.csv' on 'Chronic Lymphocytic Leukemia'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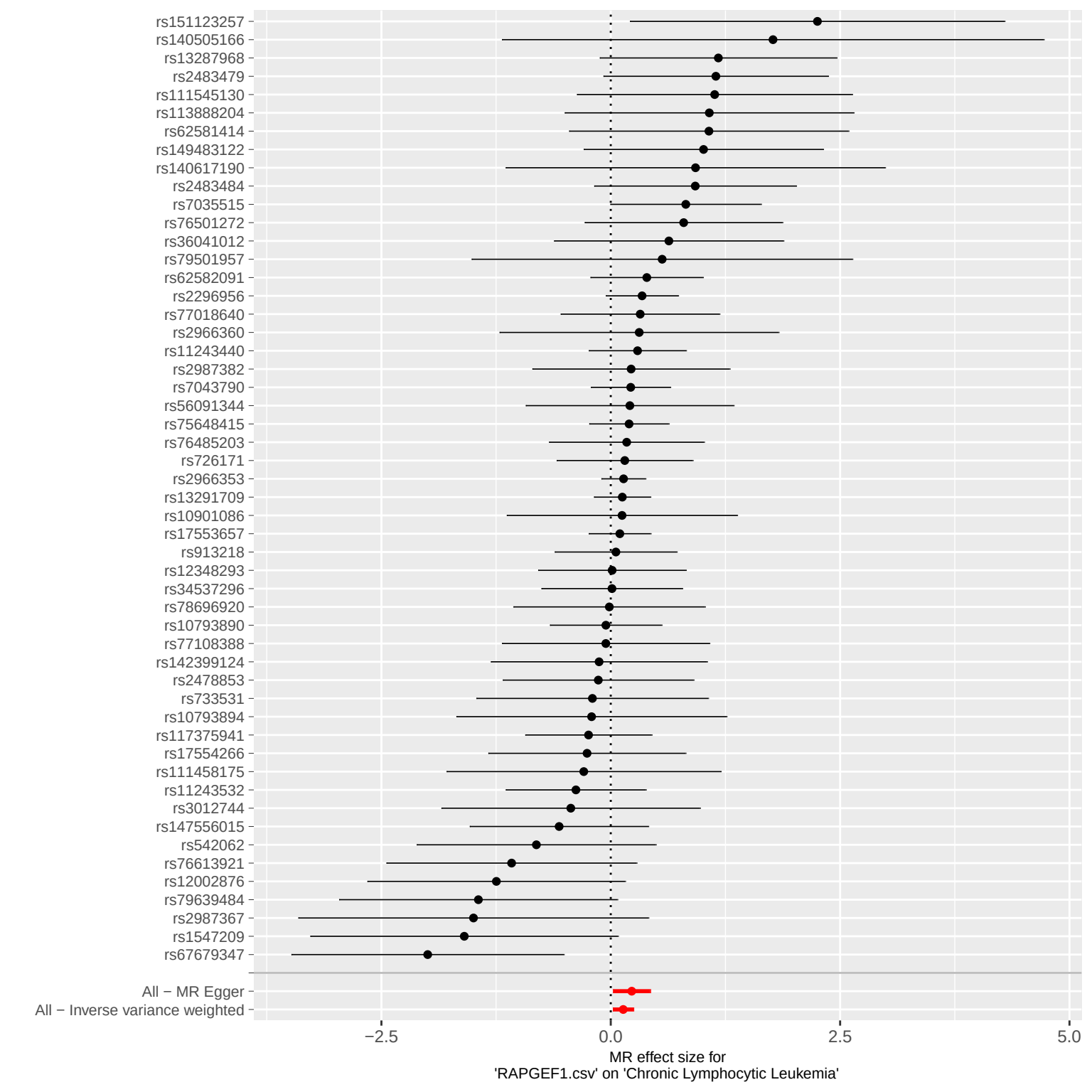
rs35482884
rs11731549
rs77609098
rs75592902
rs17494998
rs147239009
rs34909927
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'RAP1GDS1.csv' on 'Chronic Lymphocytic Leukemia'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rs76485203
rs726171
rs2966353
rs13291709
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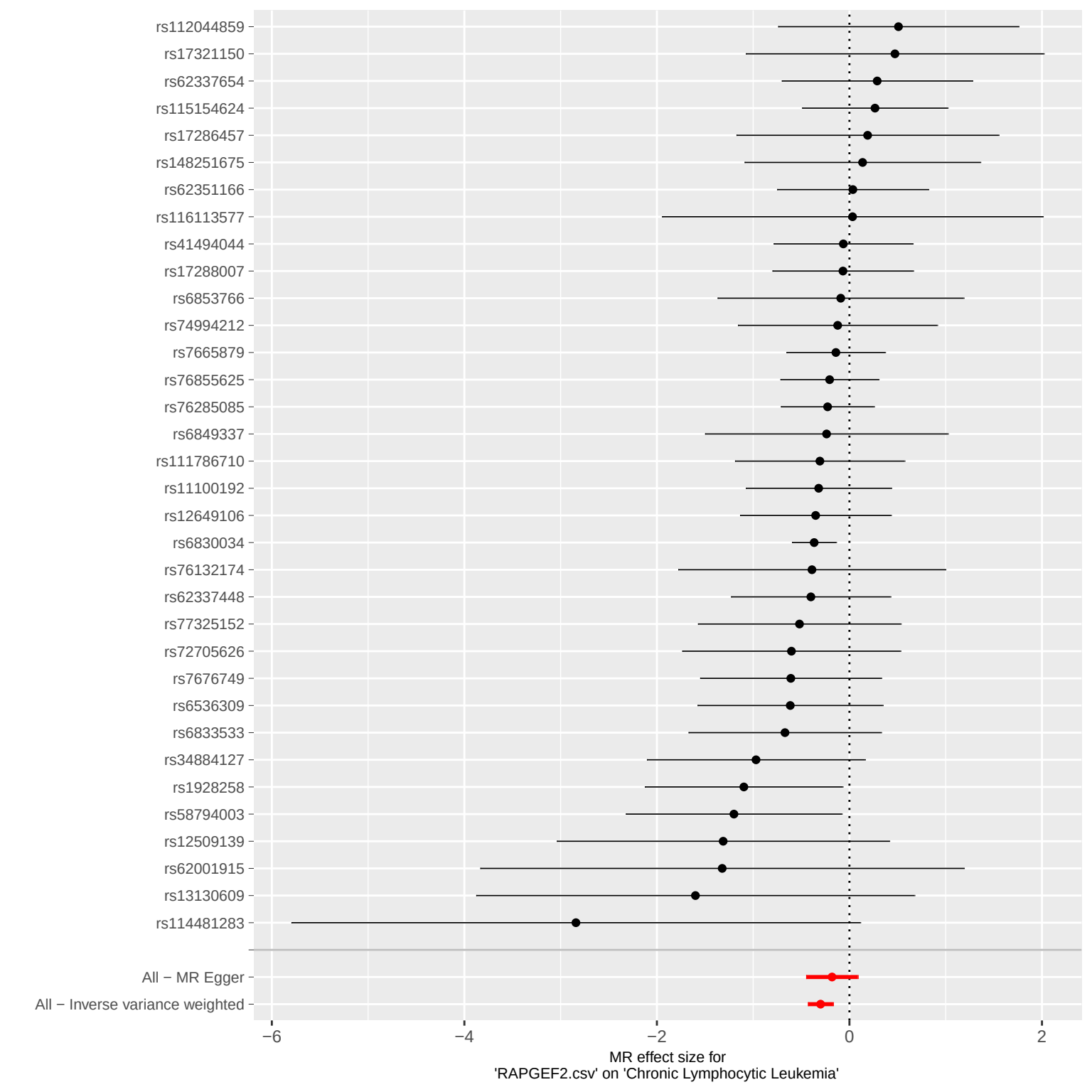
rs17553657
rs913218
rs12348293
rs34537296
rs78696920
rs10793890
rs77108388
rs142399124
rs2478853
rs733531
rs10793894
rs117375941
rs17554266
rs111458175
rs11243532
rs3012744
rs147556015
rs542062
rs76613921
rs12002876
rs79639484
rs2987367
rs1547209
rs67679347
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'RAPGEF1.csv' on 'Chronic Lymphocytic Leukemia'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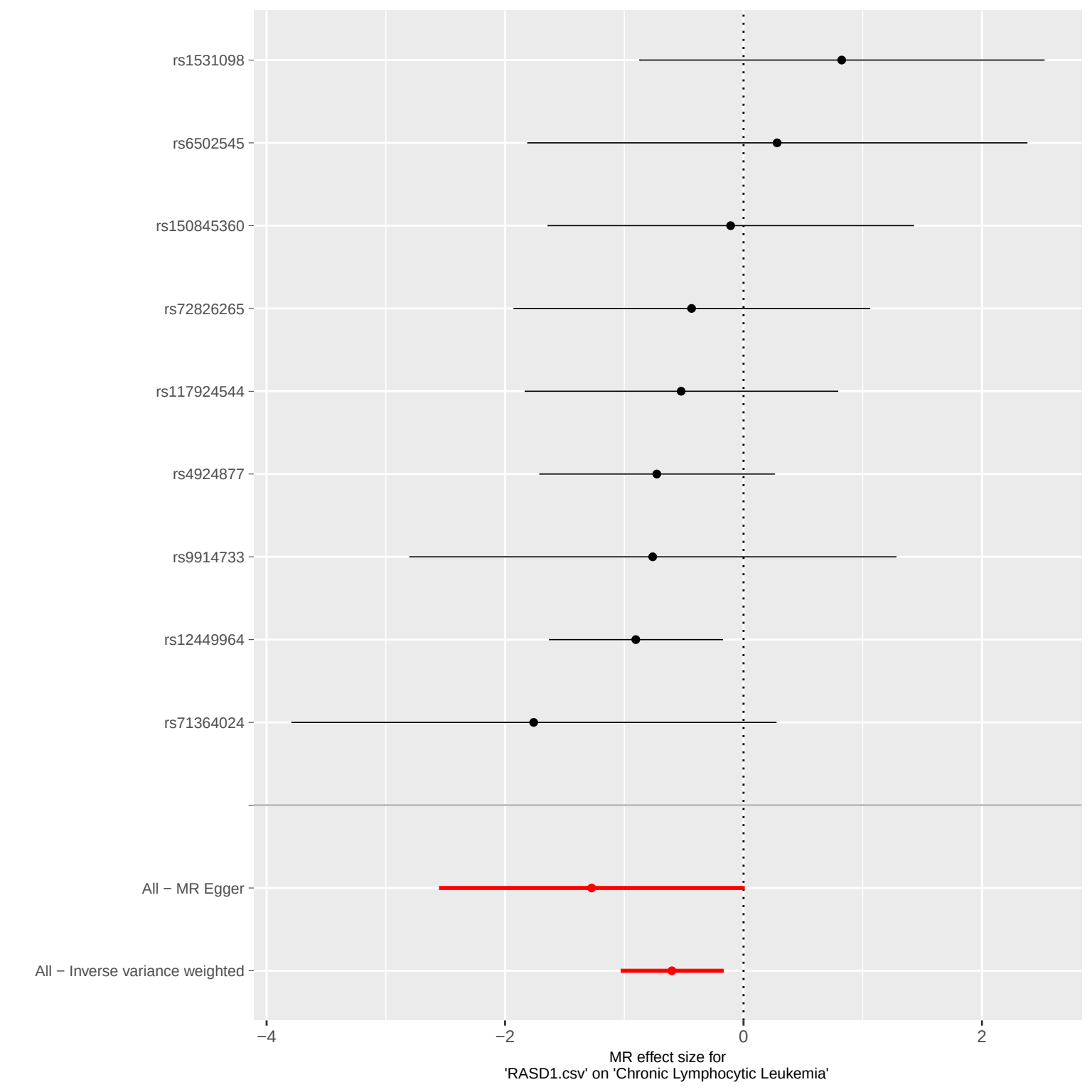
rs11100192
rs12649106
rs6830034
rs76132174
rs62337448
rs77325152
rs72705626
rs7676749
rs6536309
rs6833533
rs34884127
rs1928258
rs58794003
rs12509139
rs62001915
rs13130609
rs114481283
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'RAPGEF2.csv' on 'Chronic Lymphocytic Leukemia'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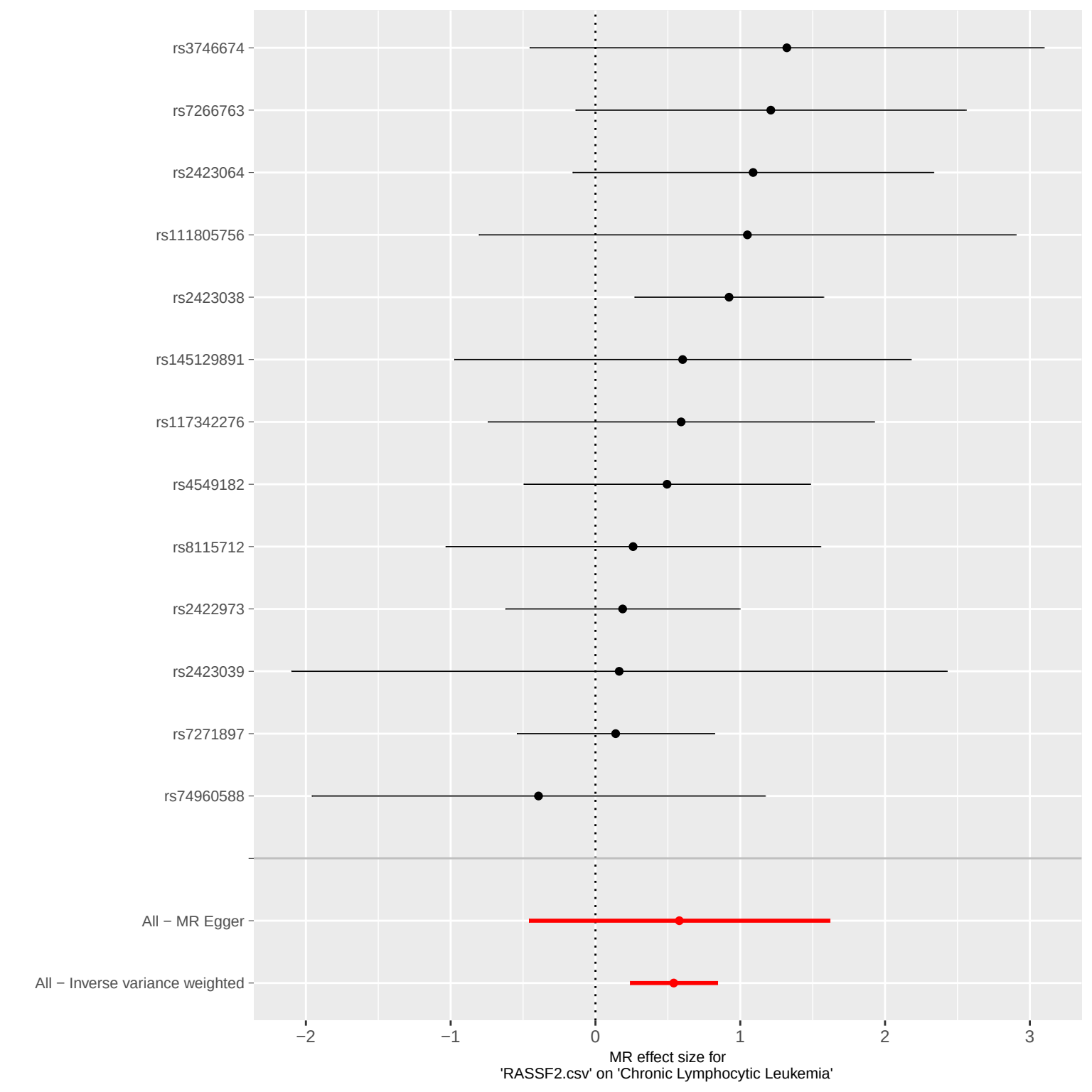
rs6502545
rs150845360
rs72826265
rs117924544
rs4924877
rs9914733
rs12449964
rs71364024
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RASD1.csv' on 'Chronic Lymphocytic Leukemia'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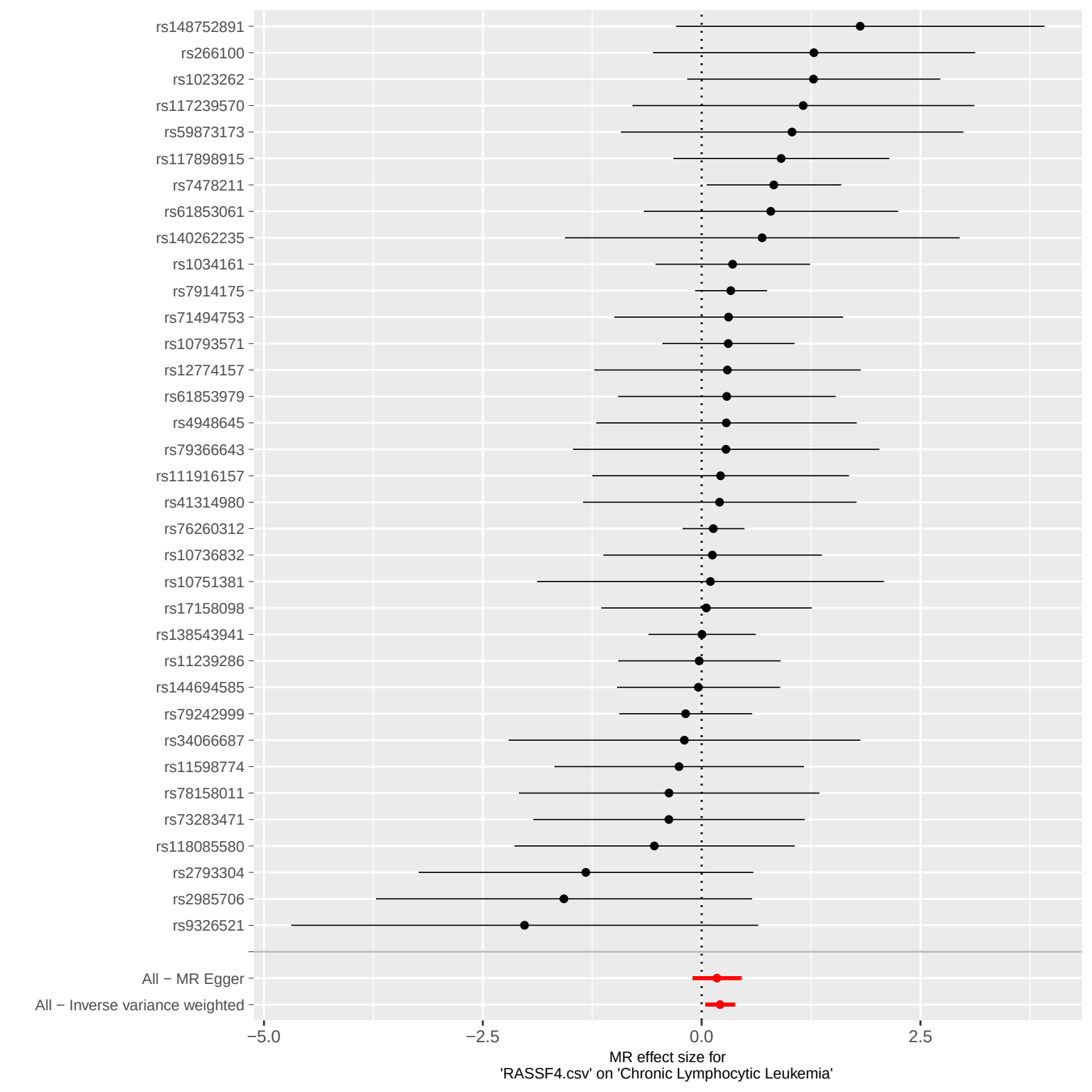
rs7266763
rs2423064
rs111805756
rs2423038
rs145129891
rs117342276
rs4549182
rs8115712
rs2422973
rs2423039
rs7271897
rs74960588
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'RASSF2.csv' on 'Chronic Lymphocytic Leukemia'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rs10793571
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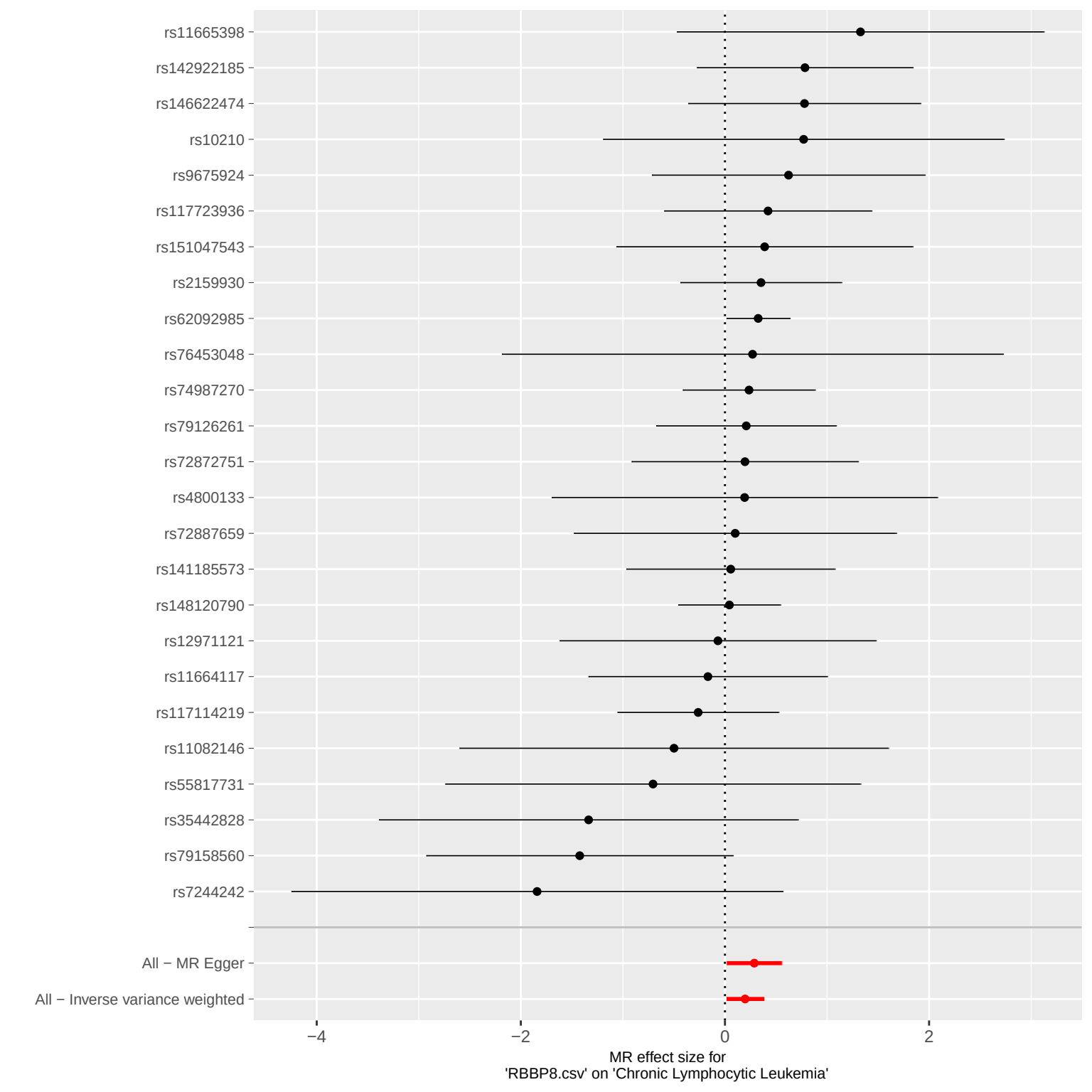
rs41314980
rs76260312
rs10736832
rs10751381
rs17158098
rs138543941
rs11239286
rs144694585
rs79242999
rs34066687
rs11598774
rs78158011
rs73283471
rs118085580
rs2793304
rs2985706
rs9326521
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'RASSF4.csv' on 'Chronic Lymphocytic Leukemia'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rs10210
rs9675924
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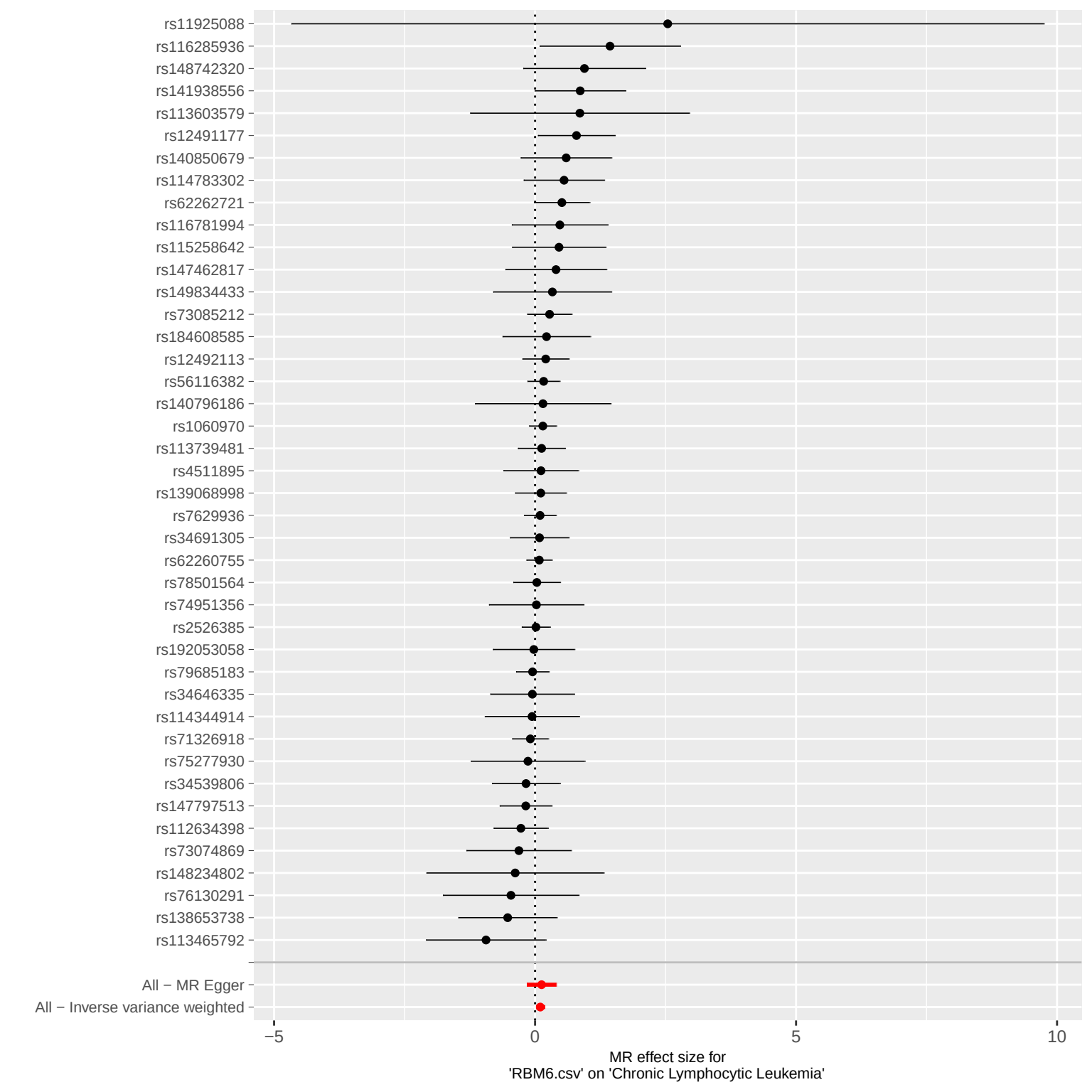
rs2159930
rs62092985
rs76453048
rs74987270
rs79126261
rs72872751
rs4800133
rs72887659
rs141185573
rs148120790
rs12971121
rs11664117
rs117114219
rs11082146
rs55817731
rs35442828
rs79158560
rs7244242
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RBBP8.csv' on 'Chronic Lymphocytic Leukemia'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rs116781994
rs115258642
rs147462817
rs149834433
rs73085212
rs184608585
rs12492113
rs56116382
rs140796186
rs1060970
rs113739481
rs4511895
rs139068998
rs7629936
rs34691305
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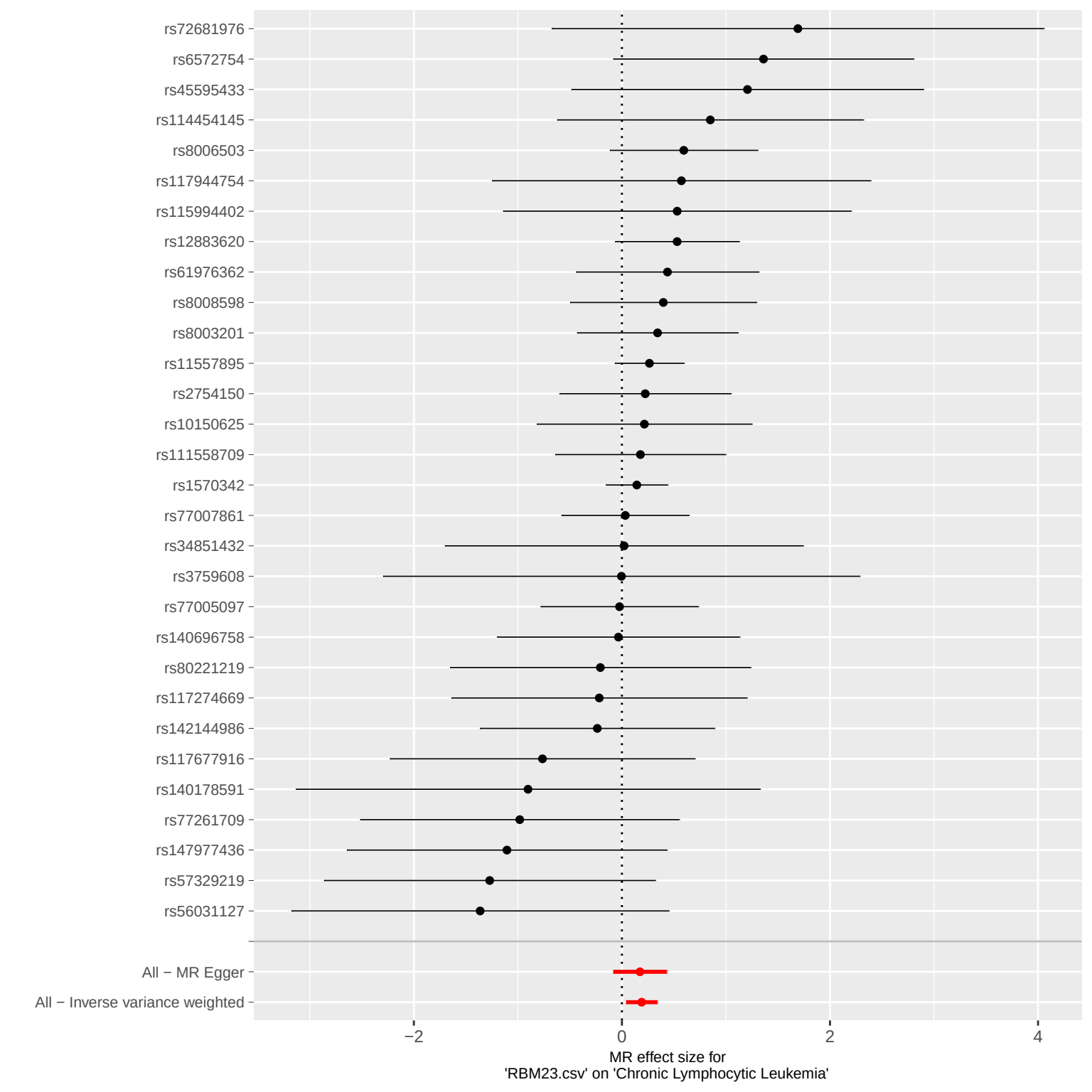
rs112634398
rs73074869
rs148234802
rs76130291
rs138653738
rs113465792
All − MR Egger
All − Inverse variance weighted
−5
0
5
10
MR effect size for
'RBM6.csv' on 'Chronic Lymphocytic Leukemia'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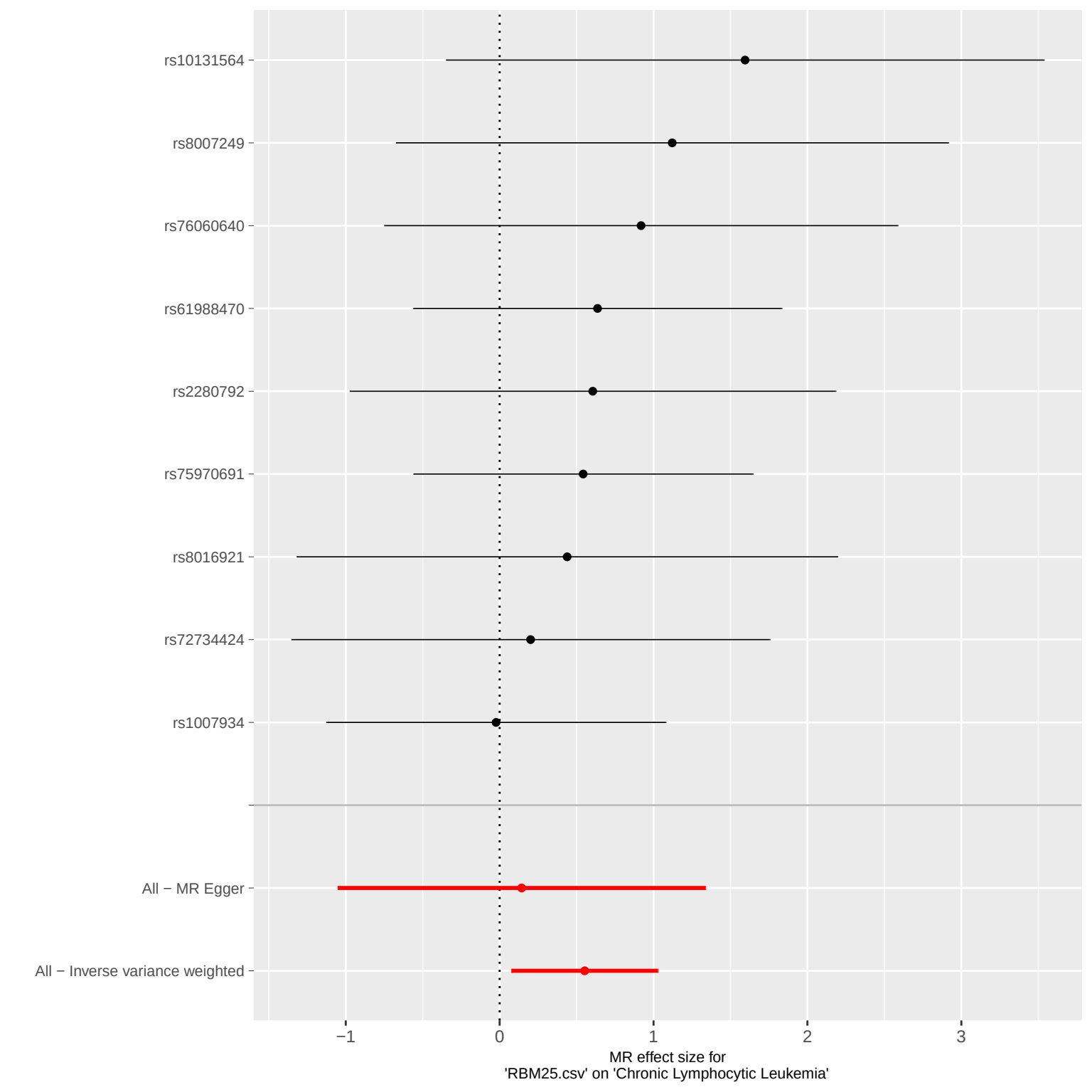
rs8008598
rs8003201
rs11557895
rs2754150
rs10150625
rs111558709
rs1570342
rs77007861
rs34851432
rs3759608
rs77005097
rs140696758
rs80221219
rs117274669
rs142144986
rs117677916
rs140178591
rs77261709
rs147977436
rs57329219
rs56031127
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RBM23.csv' on 'Chronic Lymphocytic Leukemia'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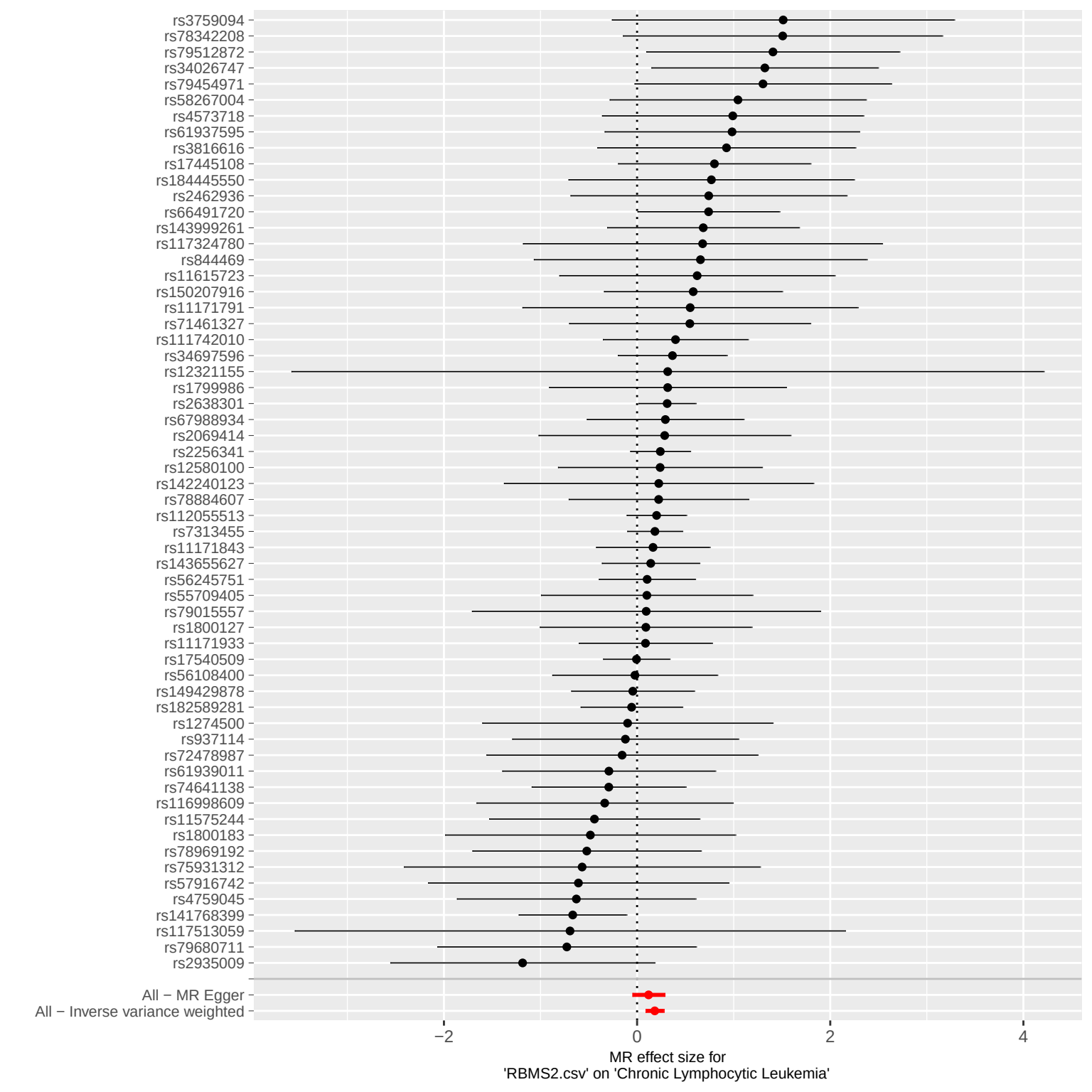
rs8007249
rs76060640
rs61988470
rs2280792
rs75970691
rs8016921
rs72734424
rs1007934
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'RBM25.csv' on 'Chronic Lymphocytic Leukemia'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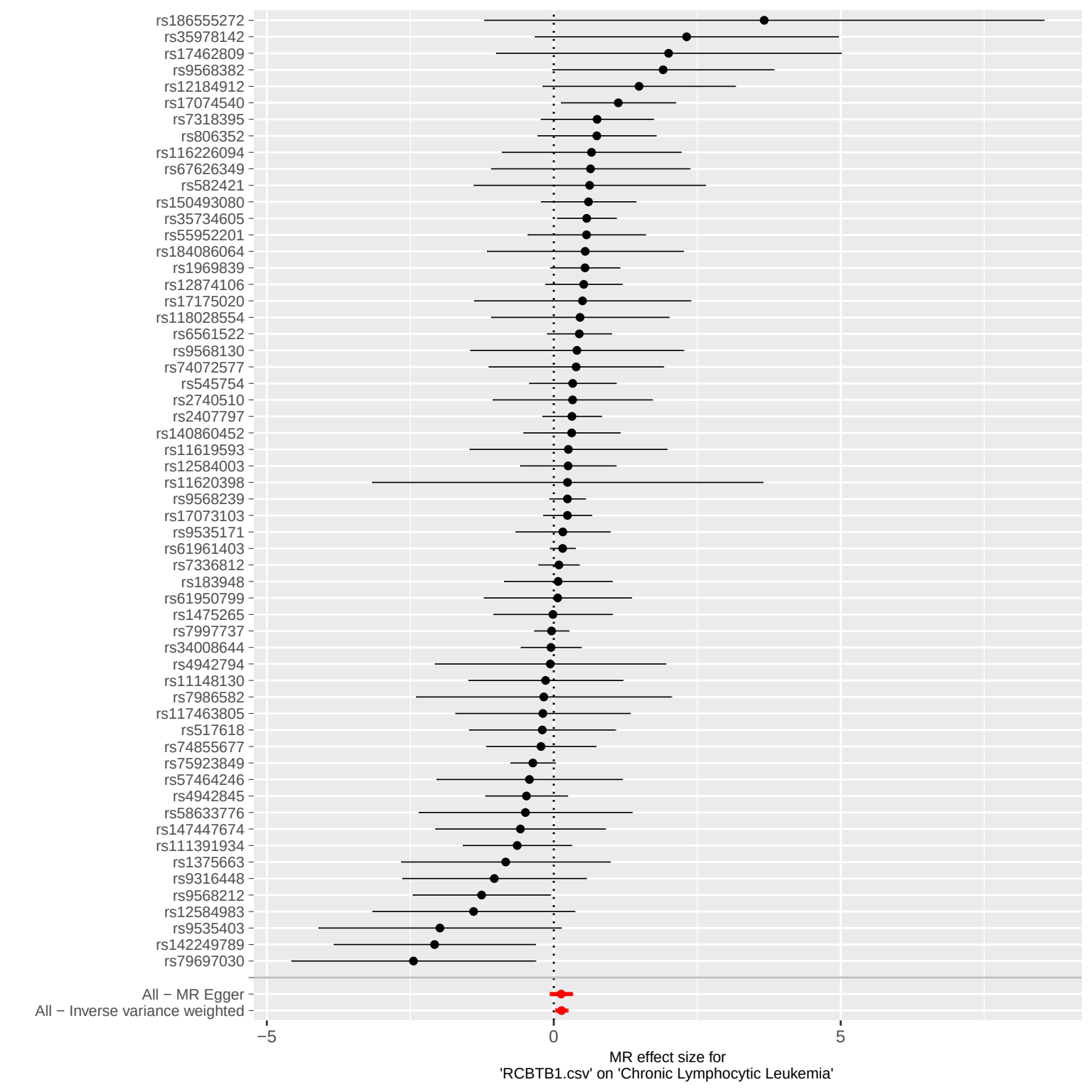
rs75931312
rs57916742
rs4759045
rs141768399
rs117513059
rs79680711
rs2935009
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RBMS2.csv' on 'Chronic Lymphocytic Leukemia'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rs67626349
rs582421
rs150493080
rs35734605
rs55952201
rs184086064
rs1969839
rs12874106
rs17175020
rs118028554
rs6561522
rs9568130
rs74072577
rs545754
rs2740510
rs2407797
rs140860452
rs11619593
rs12584003
rs11620398
rs9568239
rs17073103
rs9535171
rs61961403
rs7336812
rs183948
rs61950799
rs1475265
rs7997737
rs34008644
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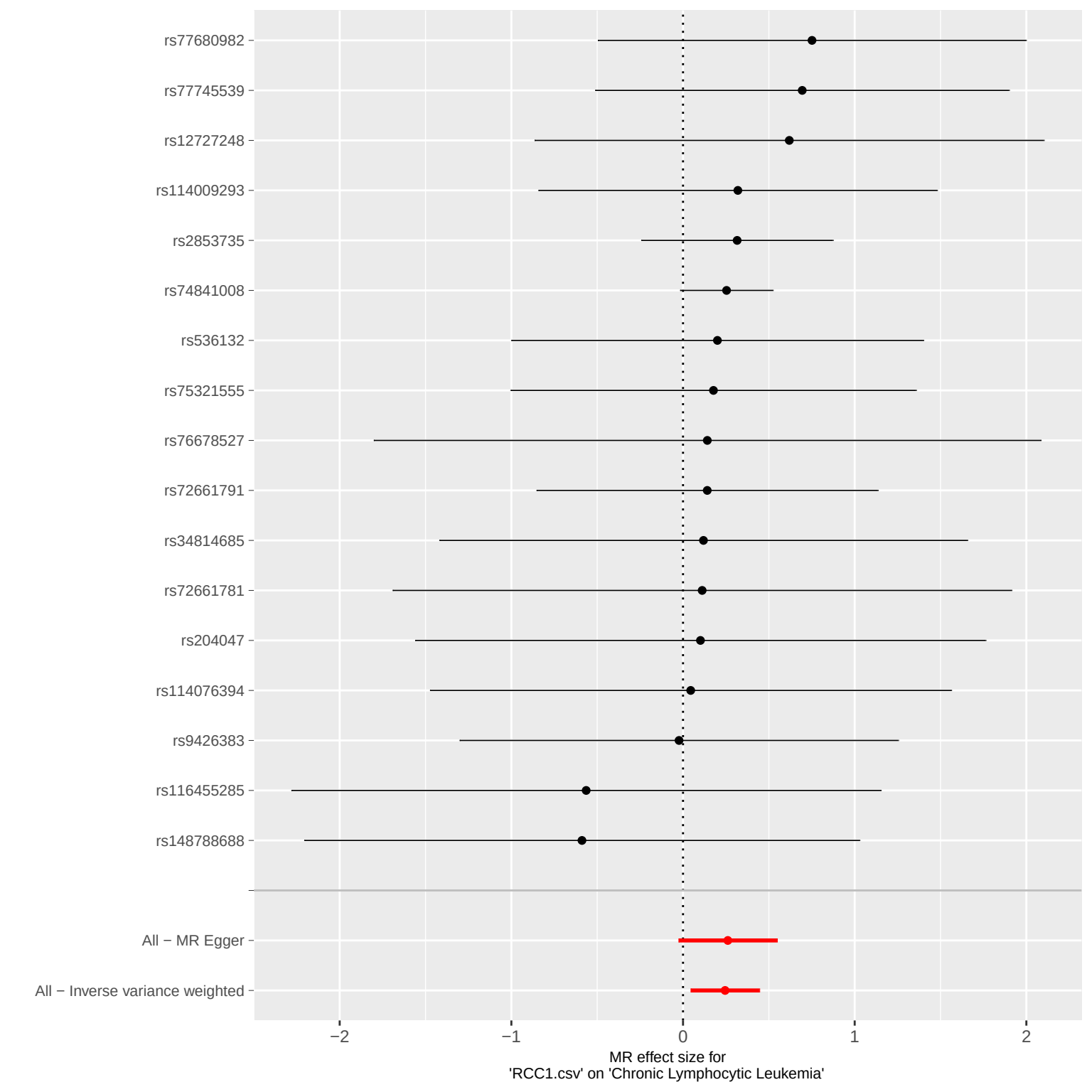
rs111391934
rs1375663
rs9316448
rs9568212
rs12584983
rs9535403
rs142249789
rs79697030
All − MR Egger
All − Inverse variance weighted
−5
0
5
MR effect size for
'RCBTB1.csv' on 'Chronic Lymphocytic Leukemia'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rs76678527
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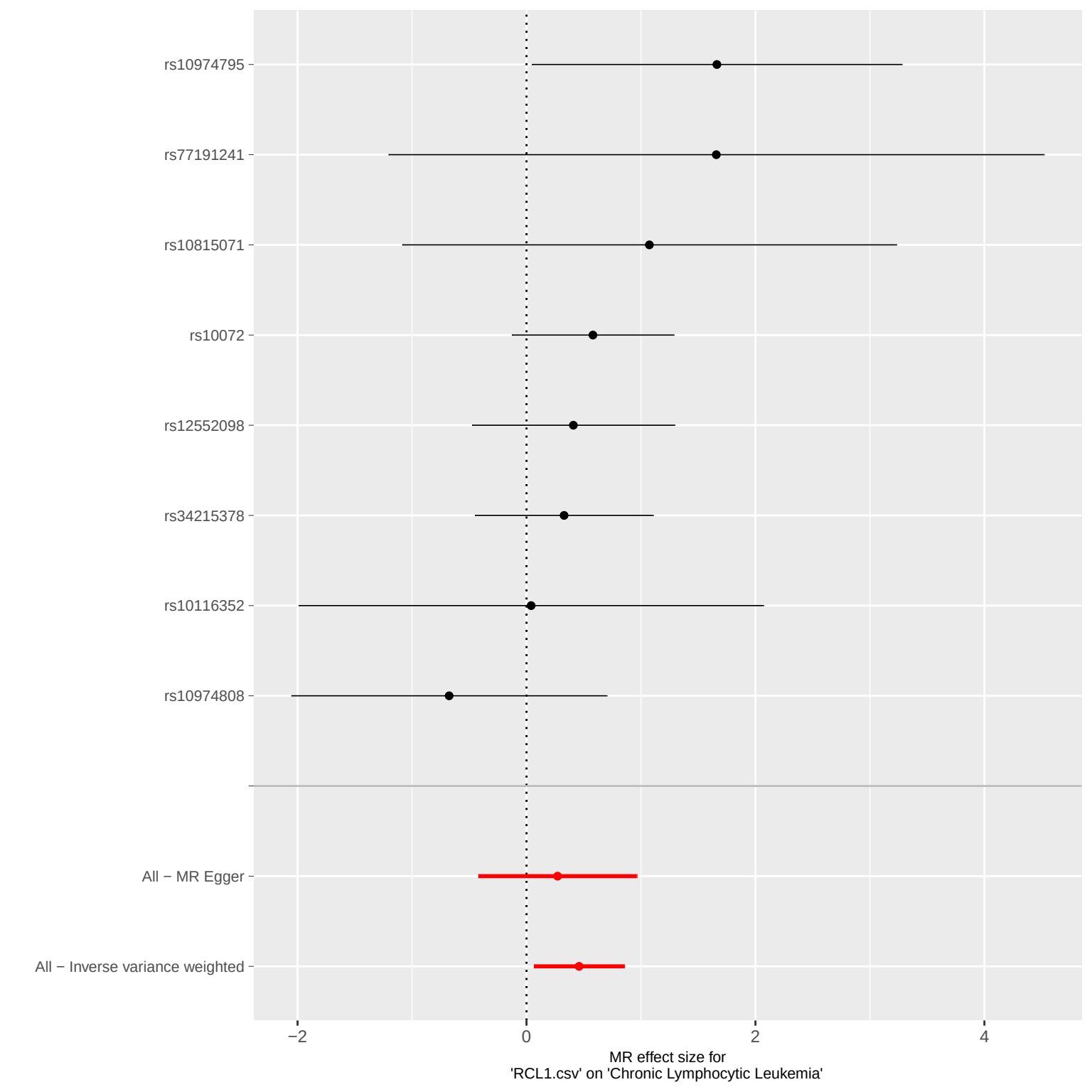
rs34814685
rs72661781
rs204047
rs114076394
rs9426383
rs116455285
rs148788688
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RCC1.csv' on 'Chronic Lymphocytic Leukemia'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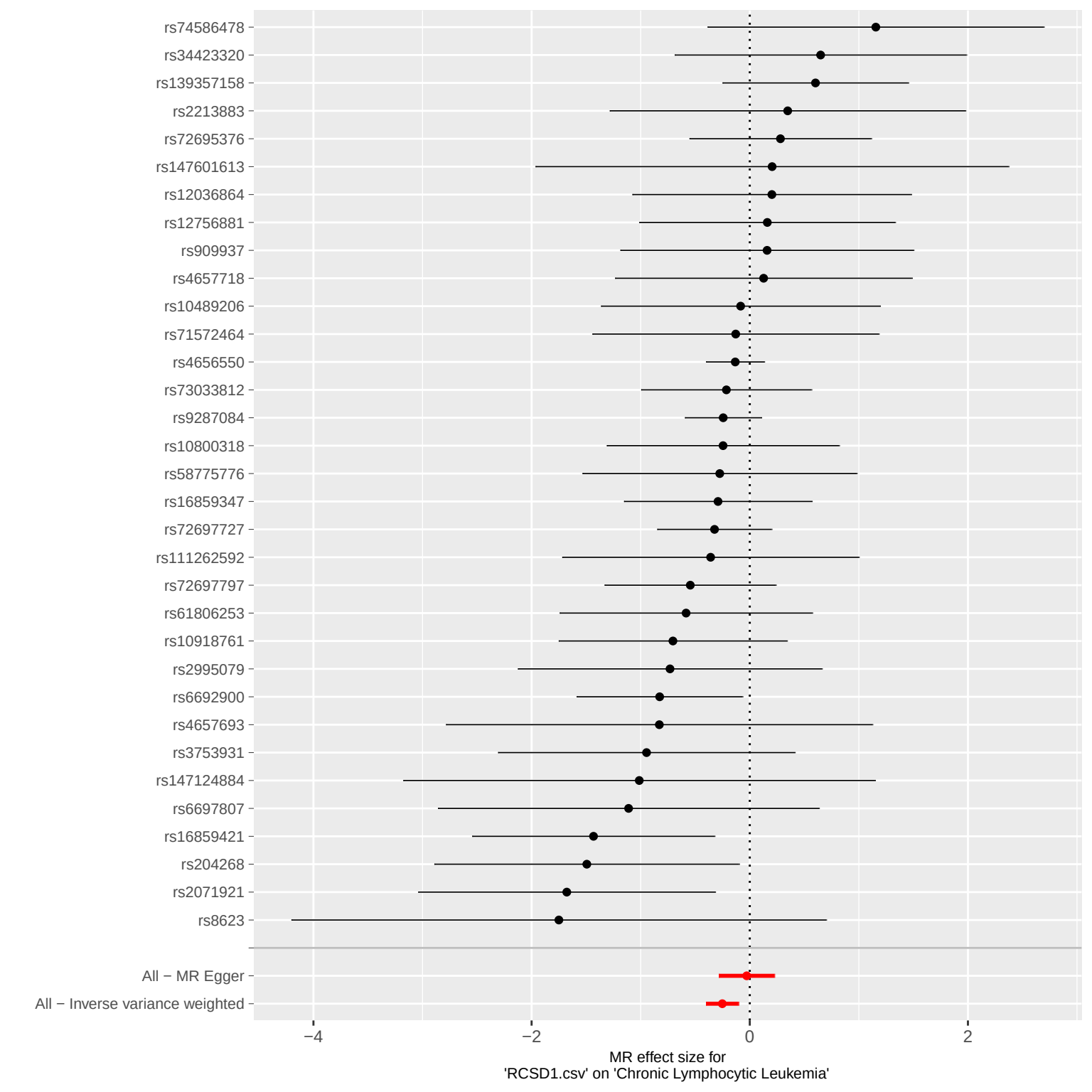
rs10815071
rs10072
rs12552098
rs34215378
rs10116352
rs10974808
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RCL1.csv' on 'Chronic Lymphocytic Leukemia'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rs73033812
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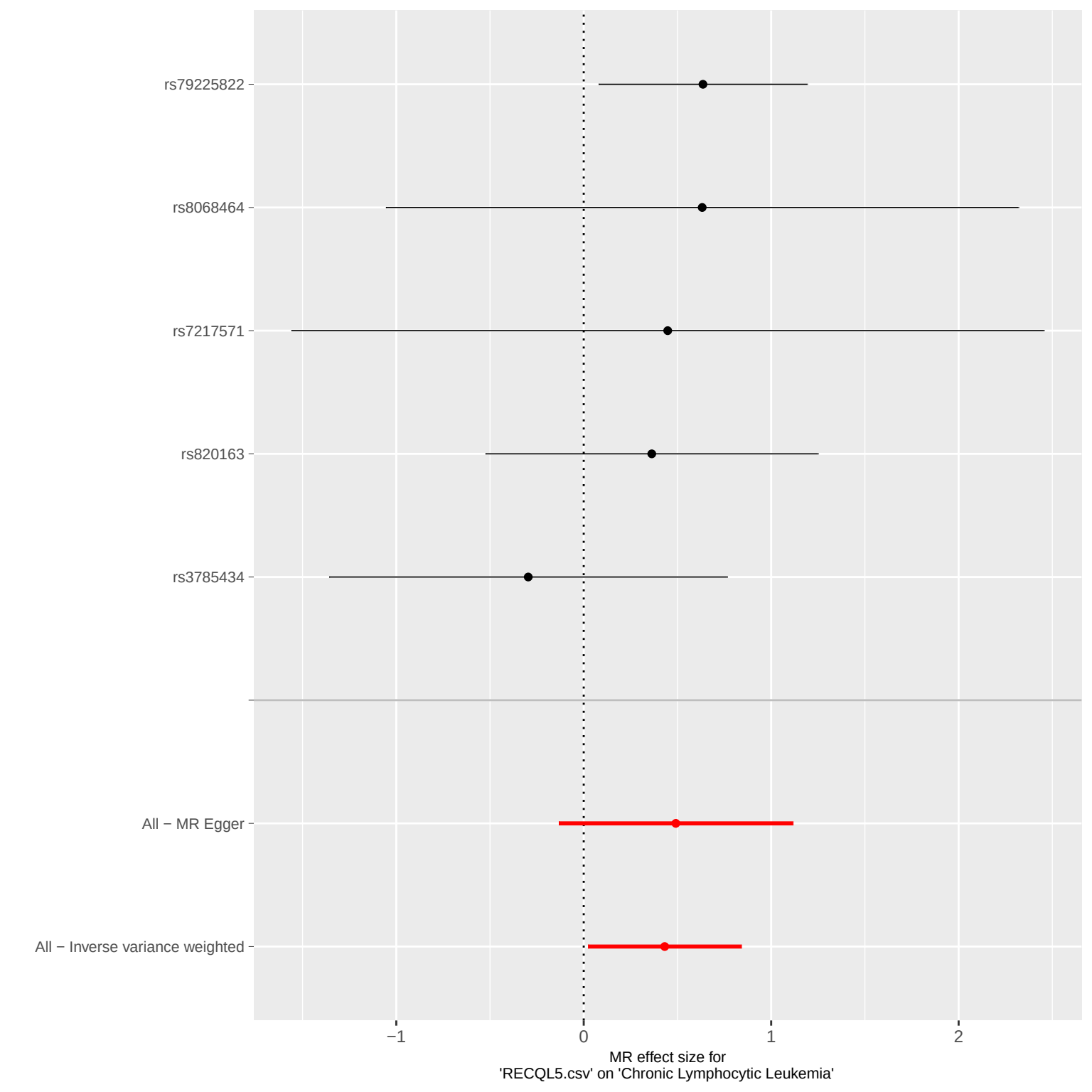
rs10800318
rs58775776
rs16859347
rs72697727
rs111262592
rs72697797
rs61806253
rs10918761
rs2995079
rs6692900
rs4657693
rs3753931
rs147124884
rs6697807
rs16859421
rs204268
rs2071921
rs8623
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RCSD1.csv' on 'Chronic Lymphocytic Leukemia'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rs7217571
rs820163
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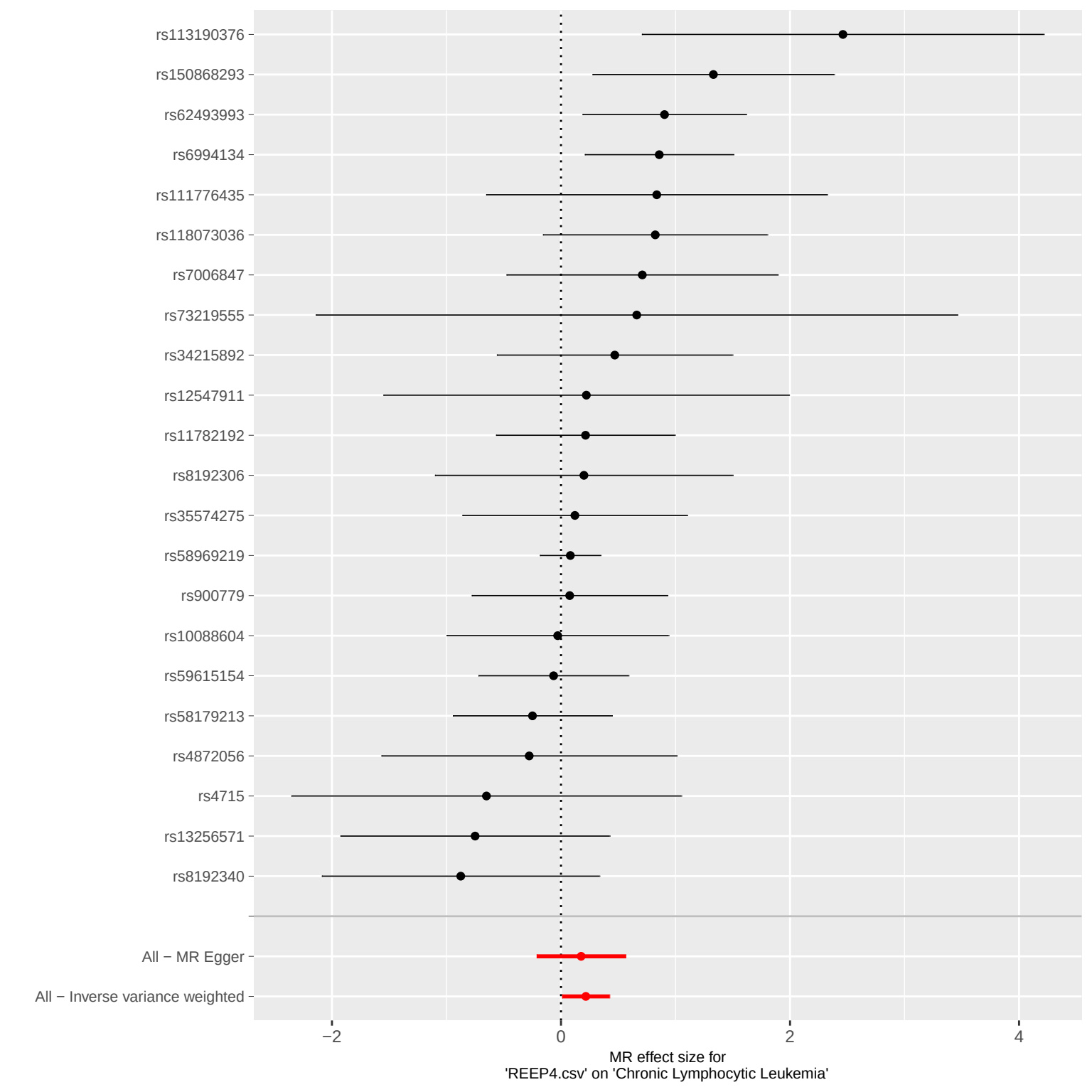
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'RECQL5.csv' on 'Chronic Lymphocytic Leukemia'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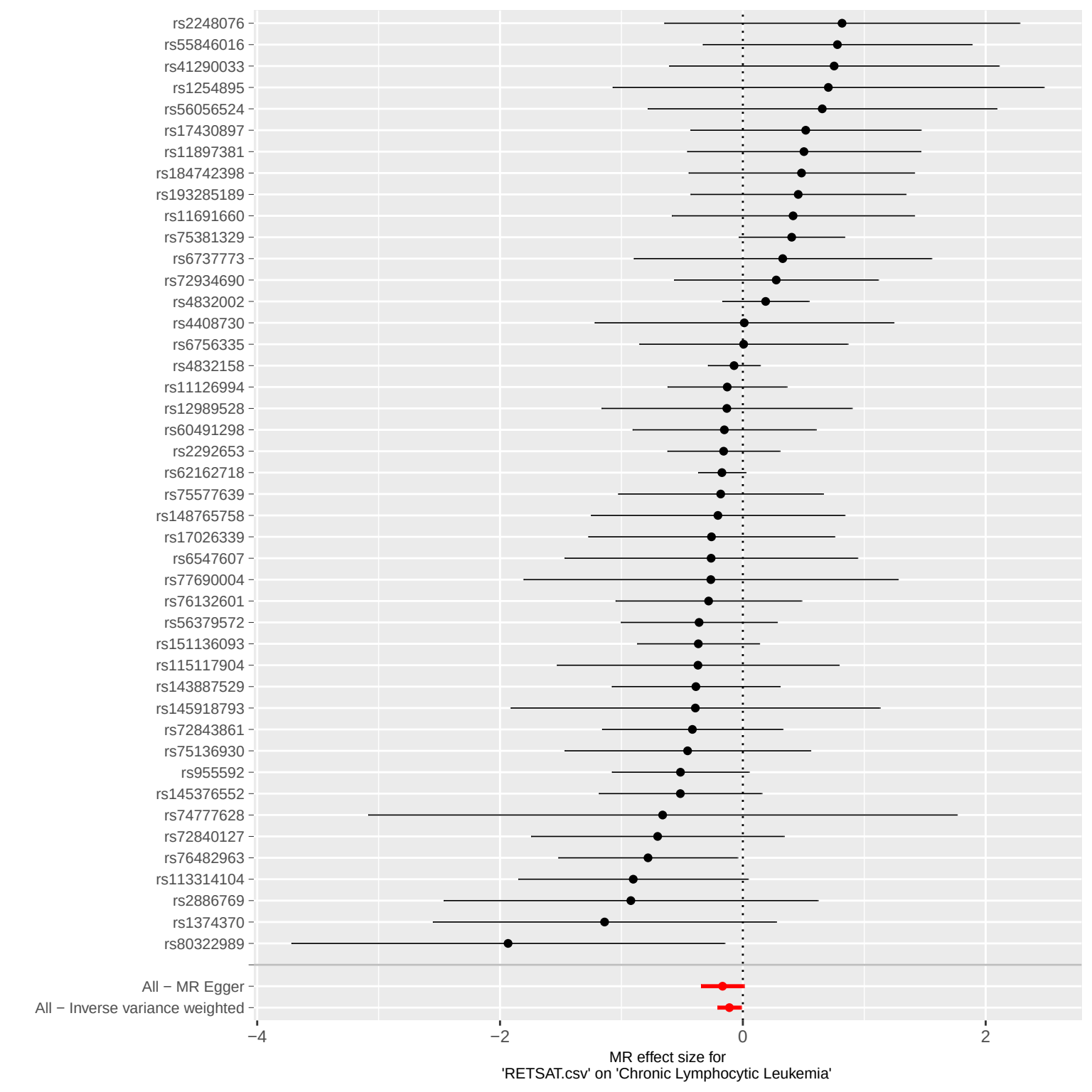
rs35574275
rs58969219
rs900779
rs10088604
rs59615154
rs58179213
rs4872056
rs4715
rs13256571
rs8192340
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'REEP4.csv' on 'Chronic Lymphocytic Leukemia'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rs17430897
rs11897381
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rs75381329
rs6737773
rs72934690
rs4832002
rs4408730
rs6756335
rs4832158
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rs60491298
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rs6547607
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rs151136093
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rs143887529
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rs72843861
rs75136930
rs955592
rs145376552
rs74777628
rs72840127
rs76482963
rs113314104
rs2886769
rs1374370
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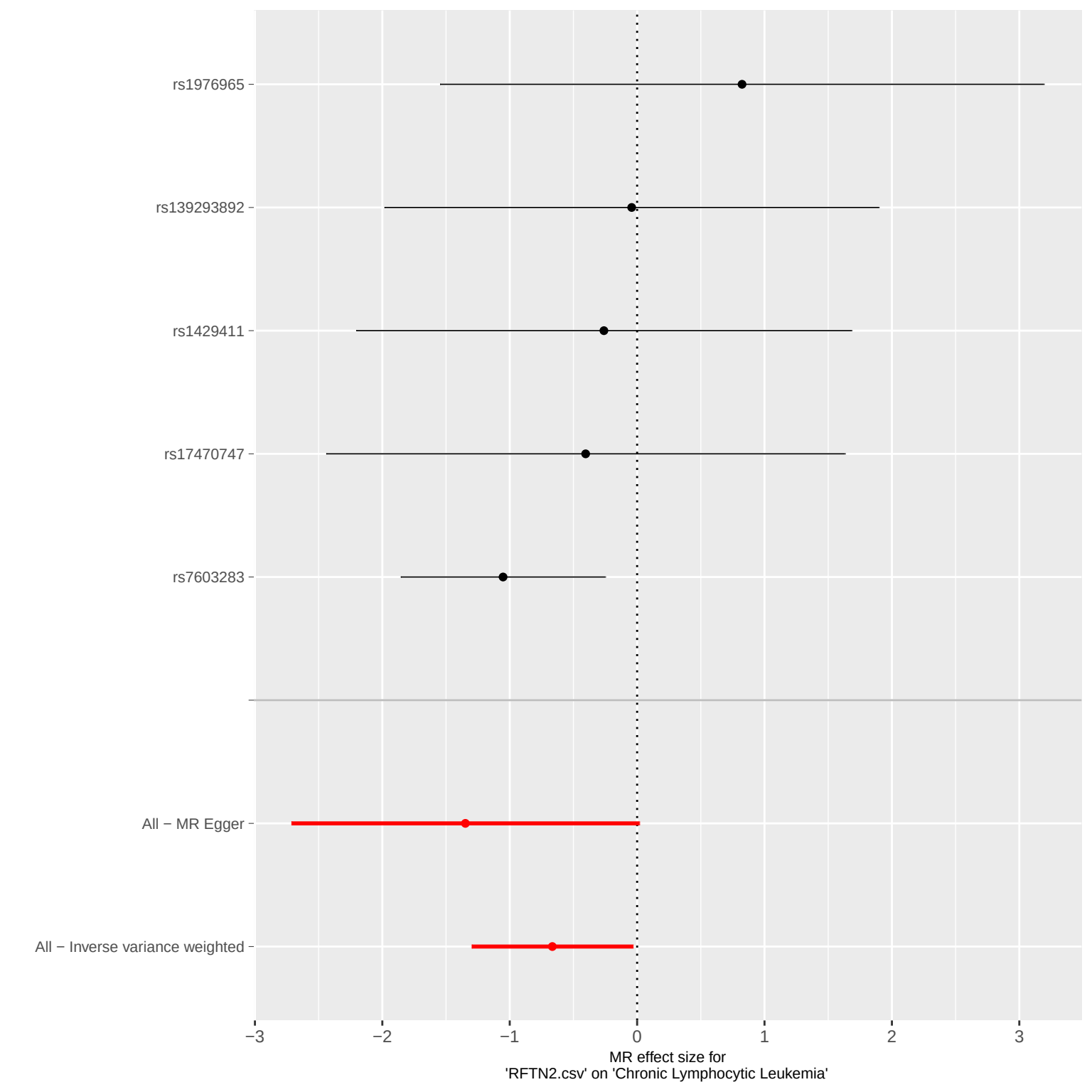
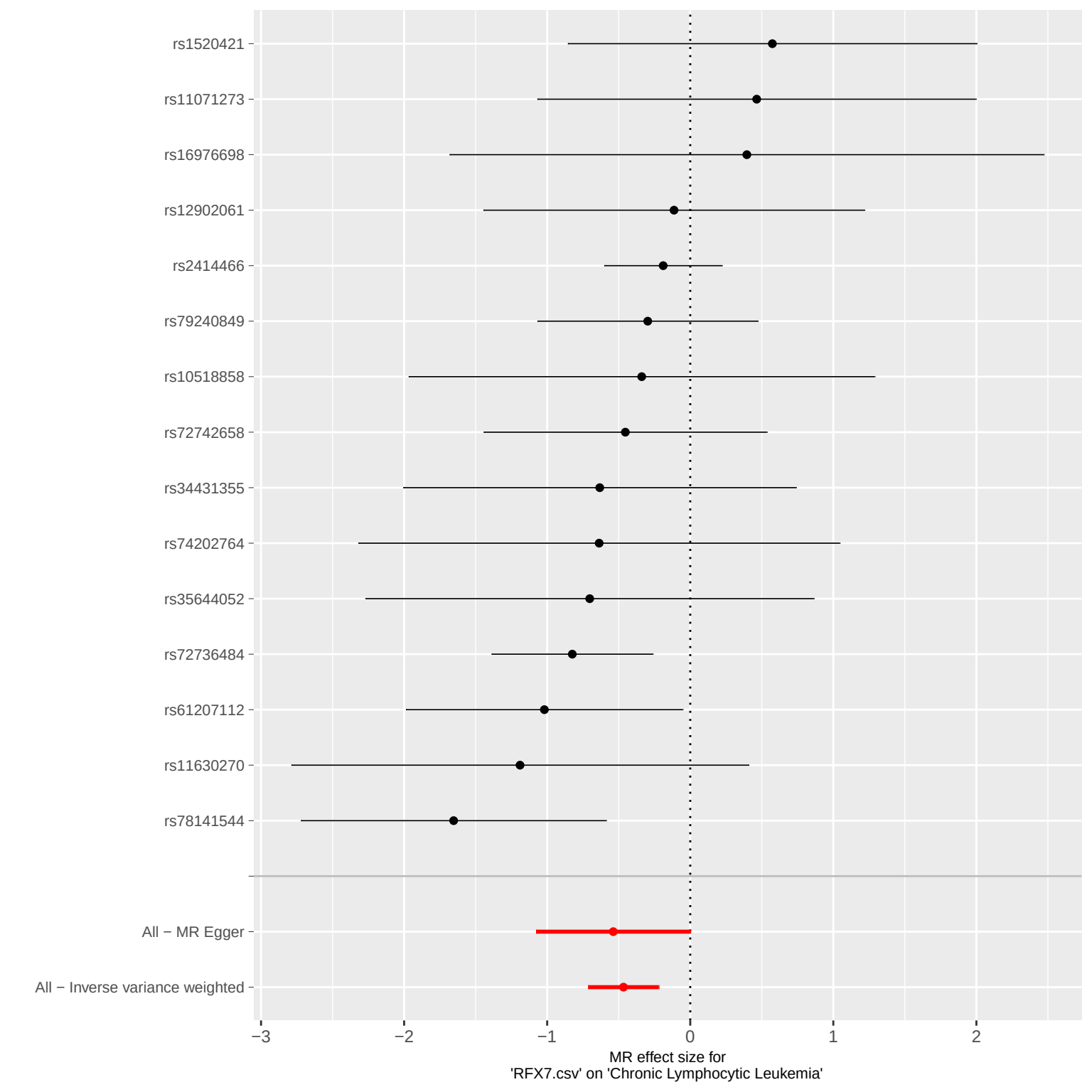
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RETSAT.csv' on 'Chronic Lymphocytic Leukemia'


rs1976965
rs139293892
rs1429411
rs17470747
rs7603283
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'RFTN2.csv' on 'Chronic Lymphocytic Leukemia'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rs10518858
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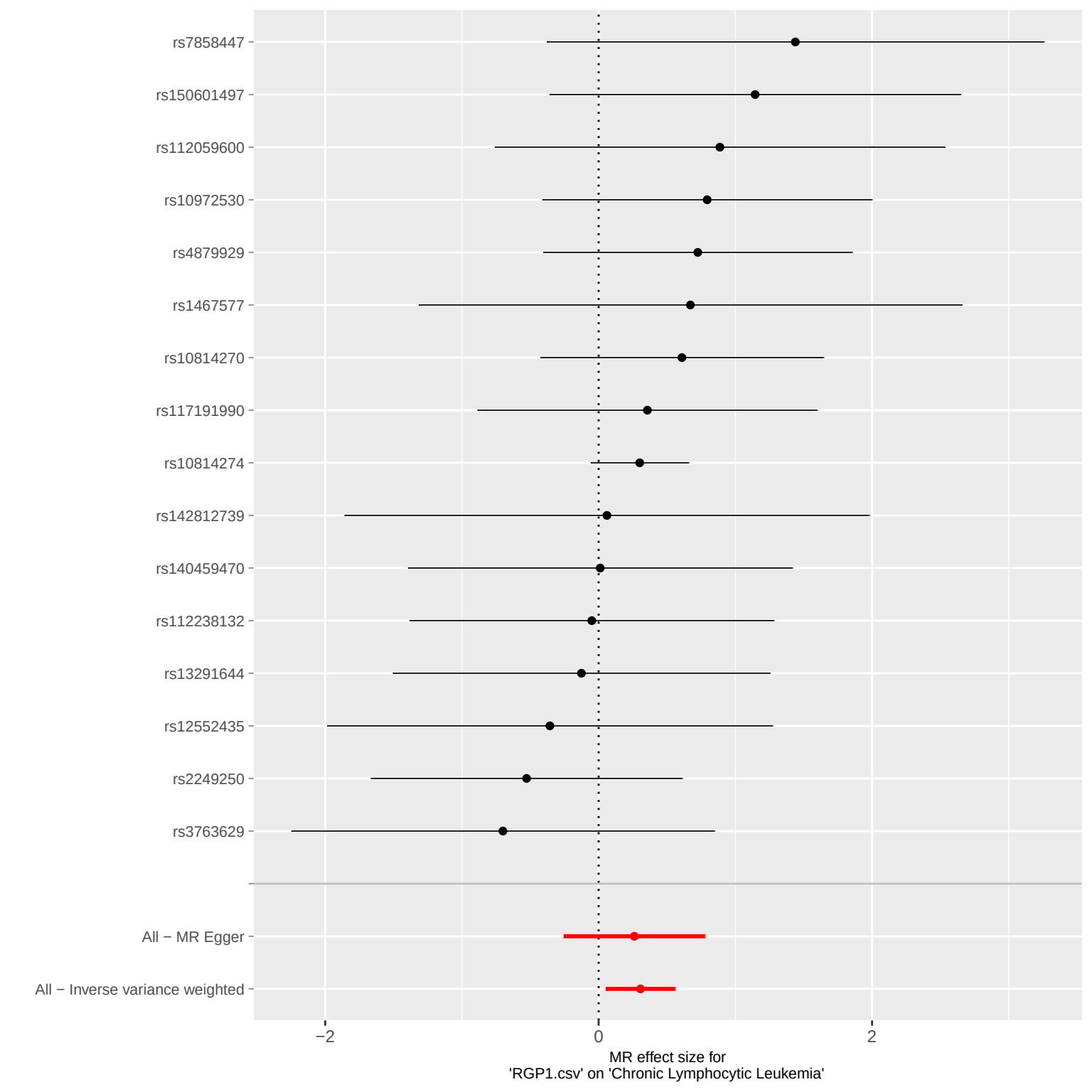
rs35644052
rs72736484
rs61207112
rs11630270
rs78141544
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'RFX7.csv' on 'Chronic Lymphocytic Leukemia'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rs140459470
rs112238132
rs13291644
rs12552435
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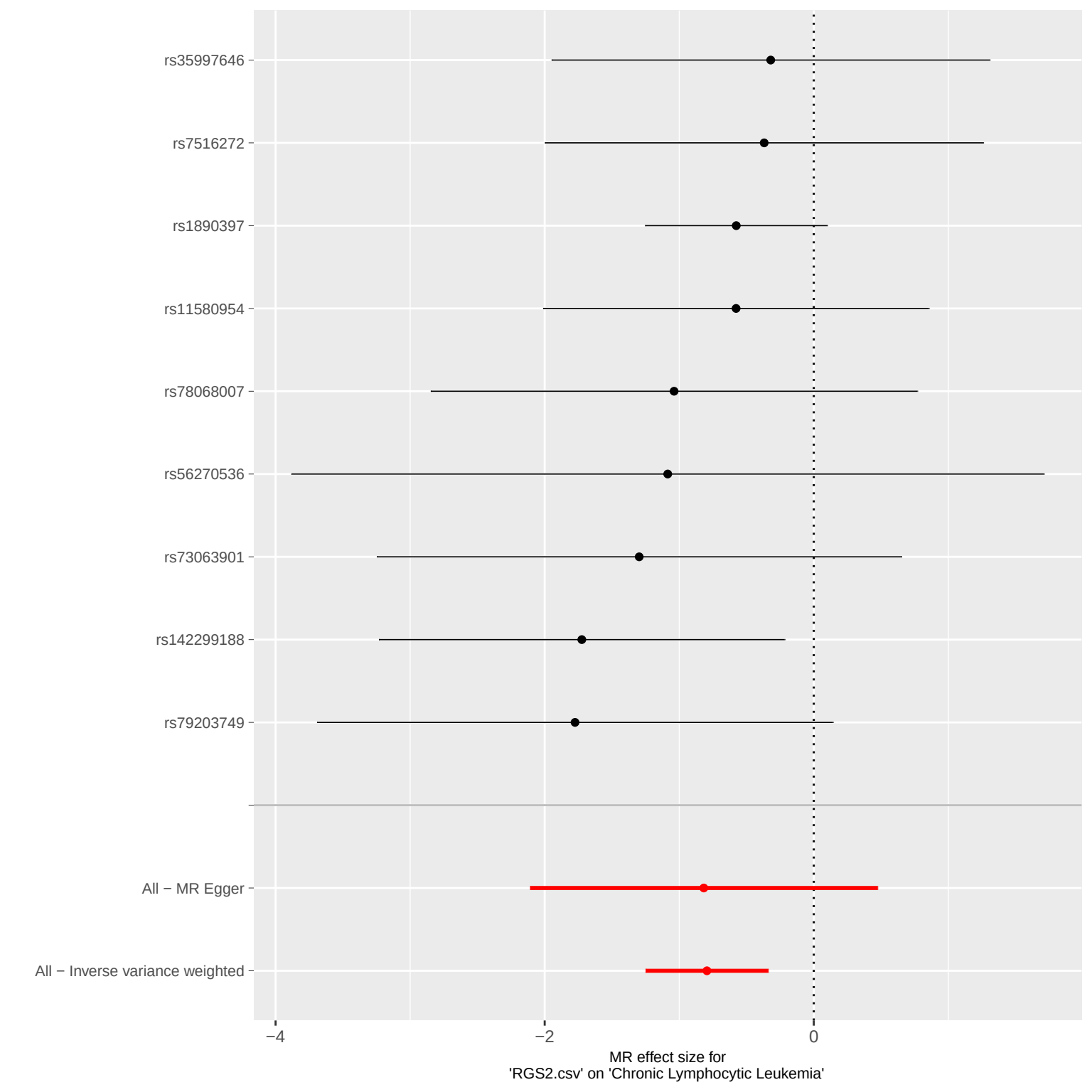
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RGP1.csv' on 'Chronic Lymphocytic Leukemia'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rs1890397
rs11580954
rs78068007
rs56270536
rs73063901
rs142299188
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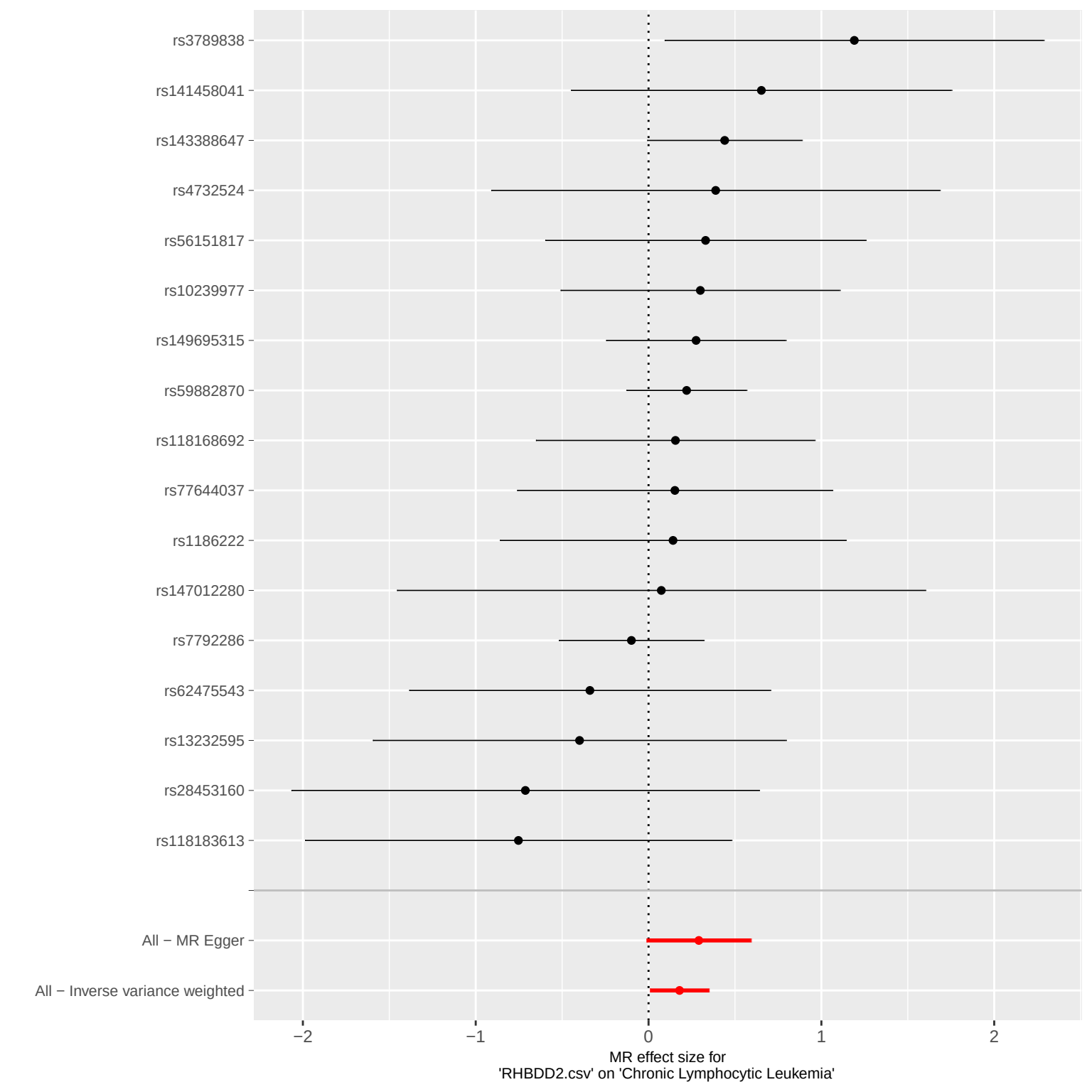
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'RGS2.csv' on 'Chronic Lymphocytic Leukemia'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rs118168692
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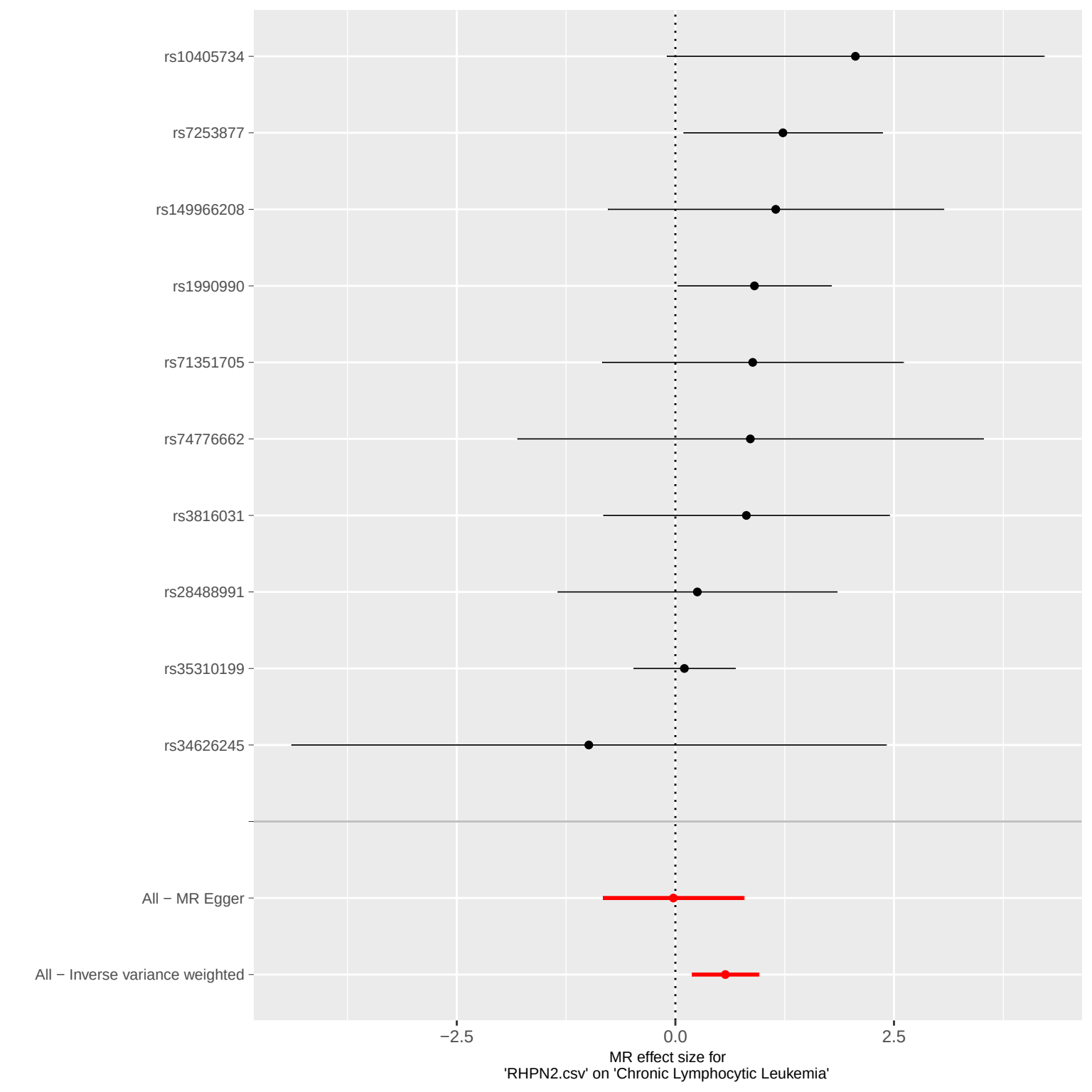
rs1186222
rs147012280
rs7792286
rs62475543
rs13232595
rs28453160
rs118183613
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RHBDD2.csv' on 'Chronic Lymphocytic Leukemia'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rs149966208
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rs71351705
rs74776662
rs3816031
rs28488991
rs35310199
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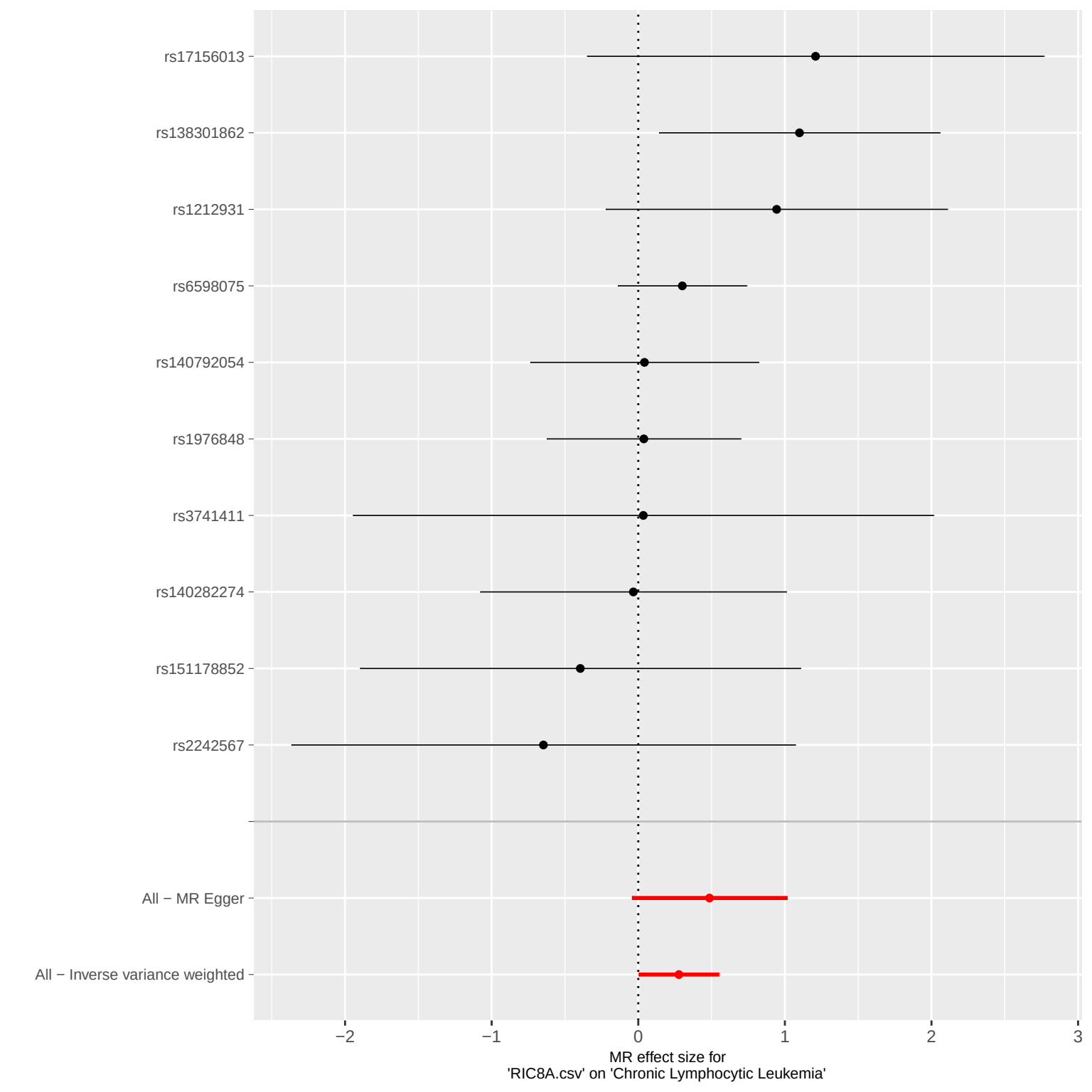
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'RHPN2.csv' on 'Chronic Lymphocytic Leukemia'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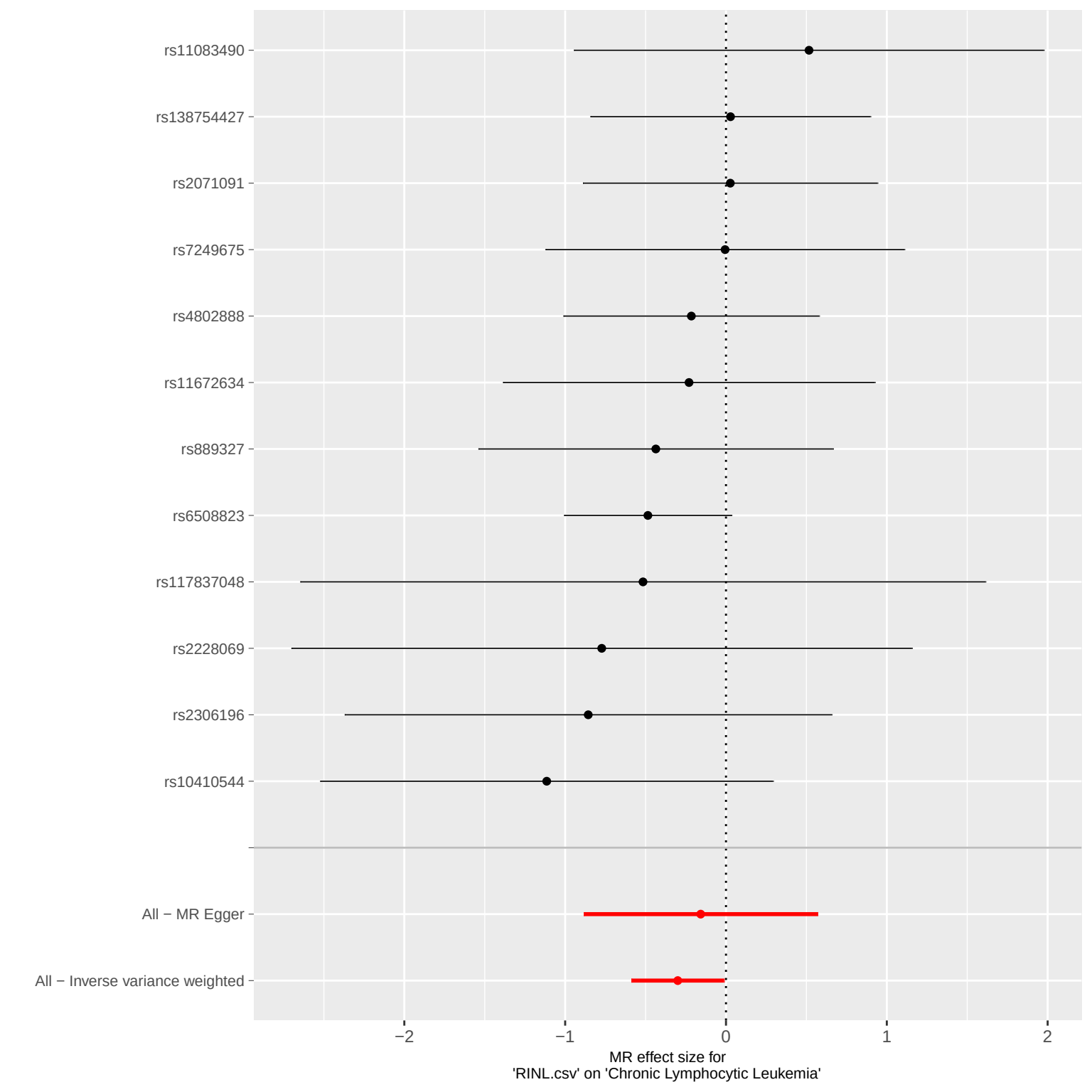
rs3741411
rs140282274
rs151178852
rs2242567
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'RIC8A.csv' on 'Chronic Lymphocytic Leukemia'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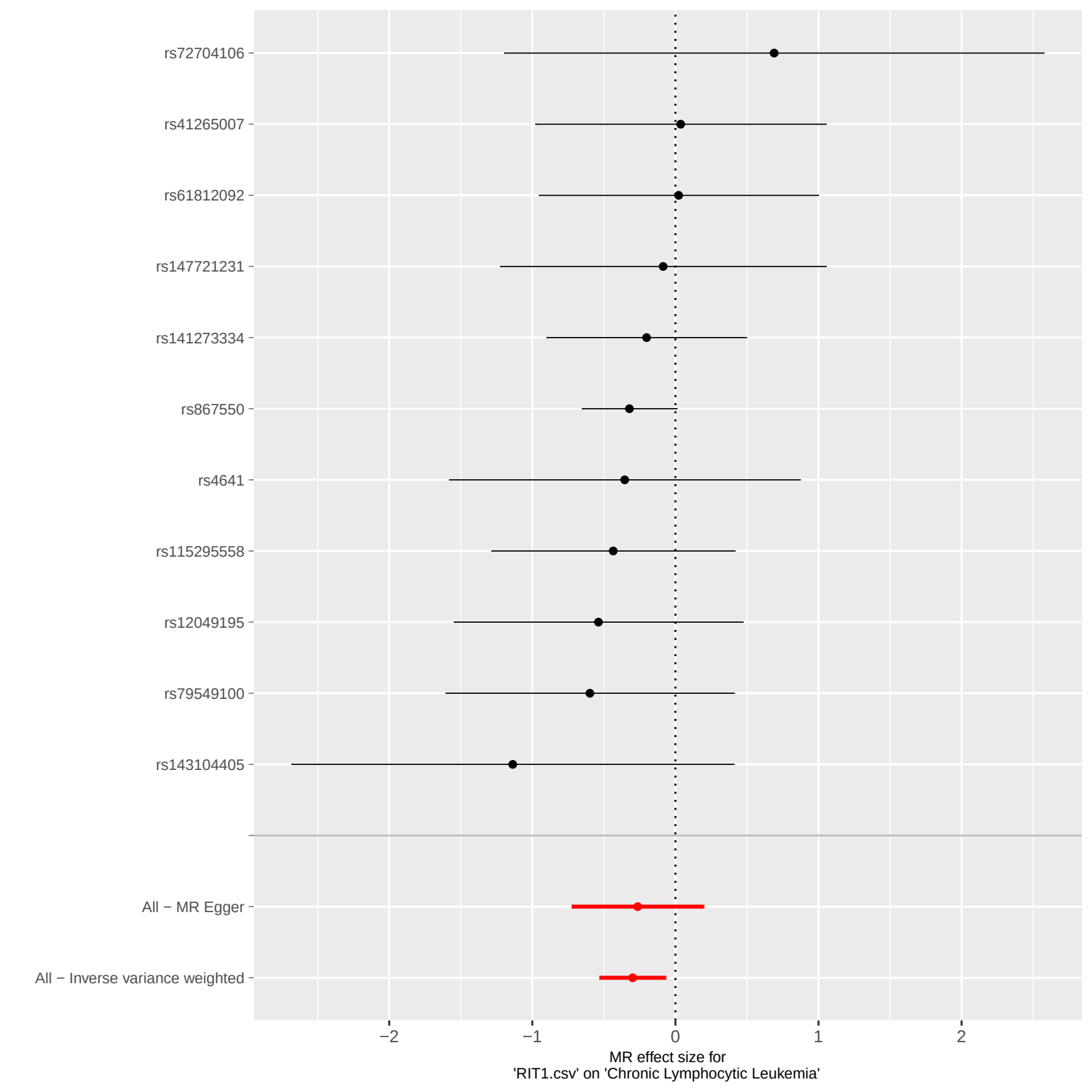
rs2071091
rs7249675
rs4802888
rs11672634
rs889327
rs6508823
rs117837048
rs2228069
rs2306196
rs10410544
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RINL.csv' on 'Chronic Lymphocytic Leukemia'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rs41265007
rs61812092
rs147721231
rs141273334
rs867550
rs4641
rs115295558
rs12049195
rs79549100
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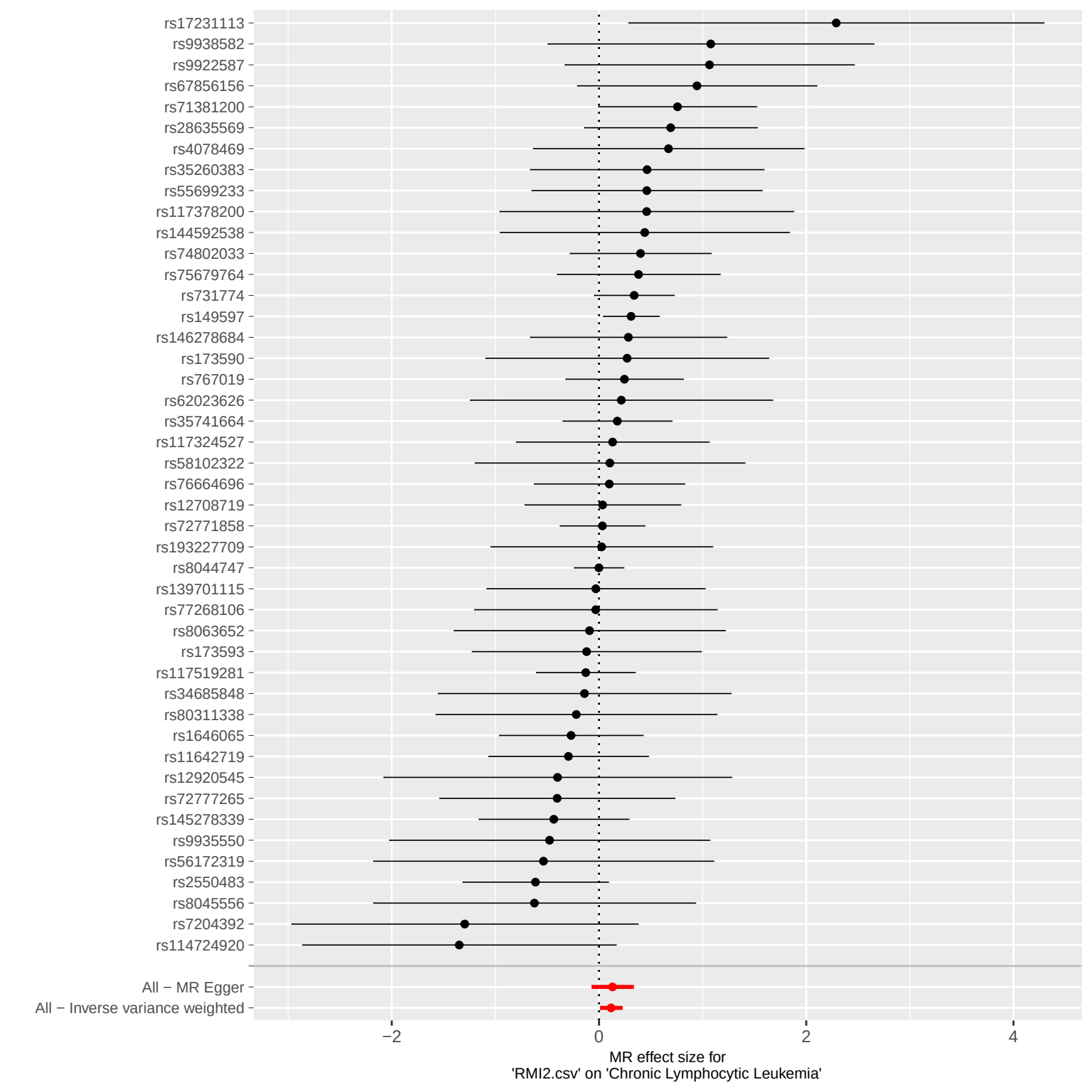
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RIT1.csv' on 'Chronic Lymphocytic Leukemia'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rs56172319
rs2550483
rs8045556
rs7204392
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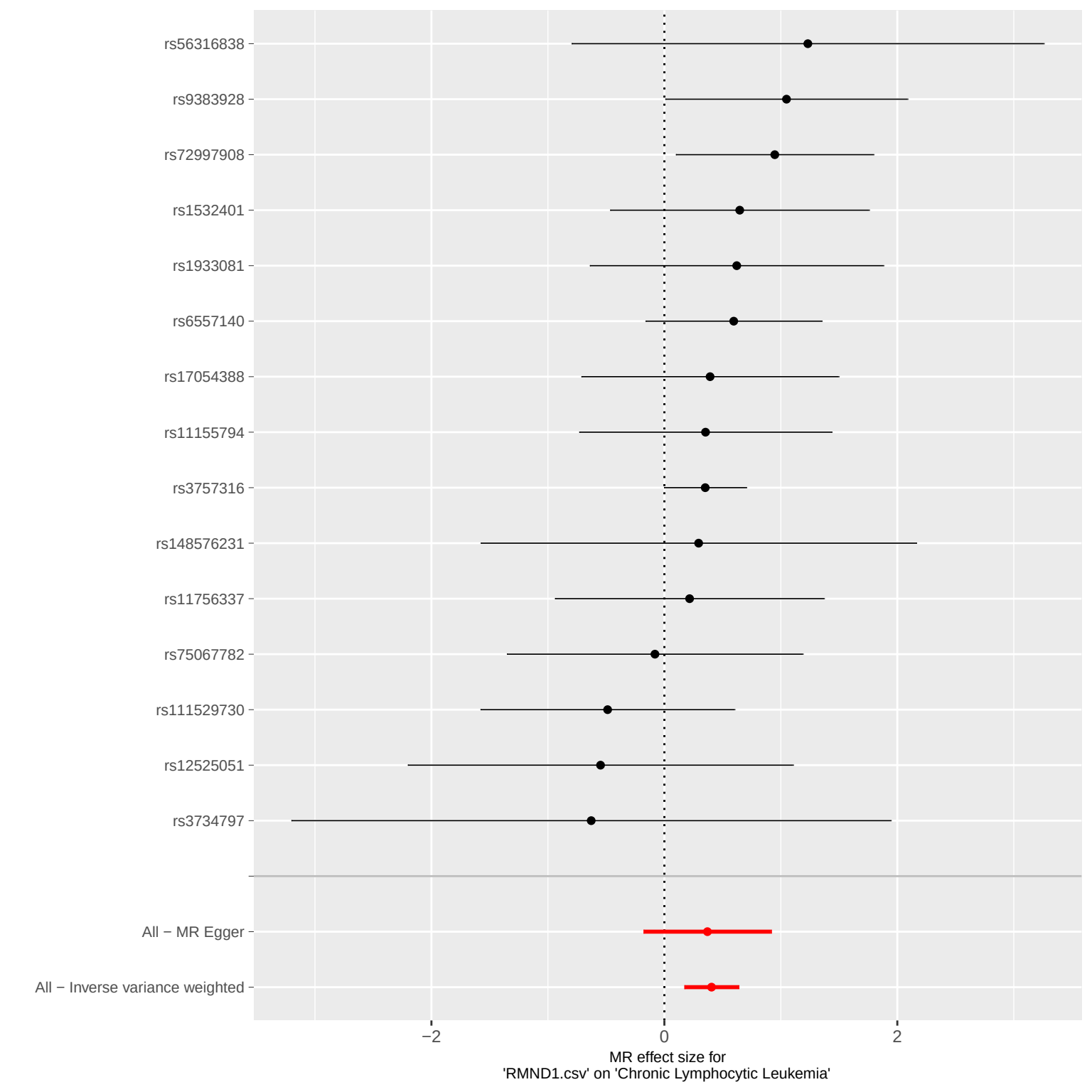
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RMI2.csv' on 'Chronic Lymphocytic Leukemia'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rs1532401
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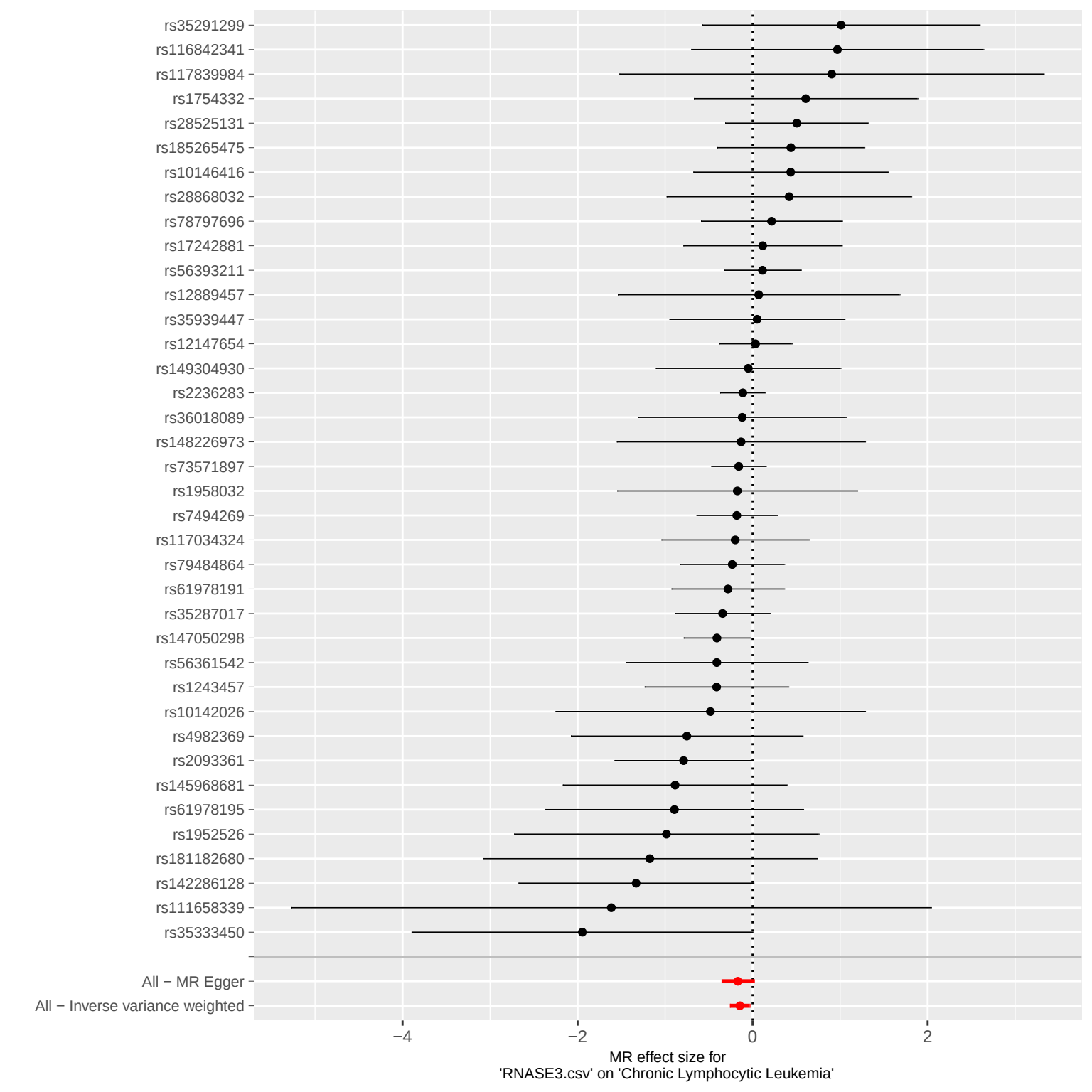
rs6557140
rs17054388
rs11155794
rs3757316
rs148576231
rs11756337
rs75067782
rs111529730
rs12525051
rs3734797
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RMND1.csv' on 'Chronic Lymphocytic Leukemia'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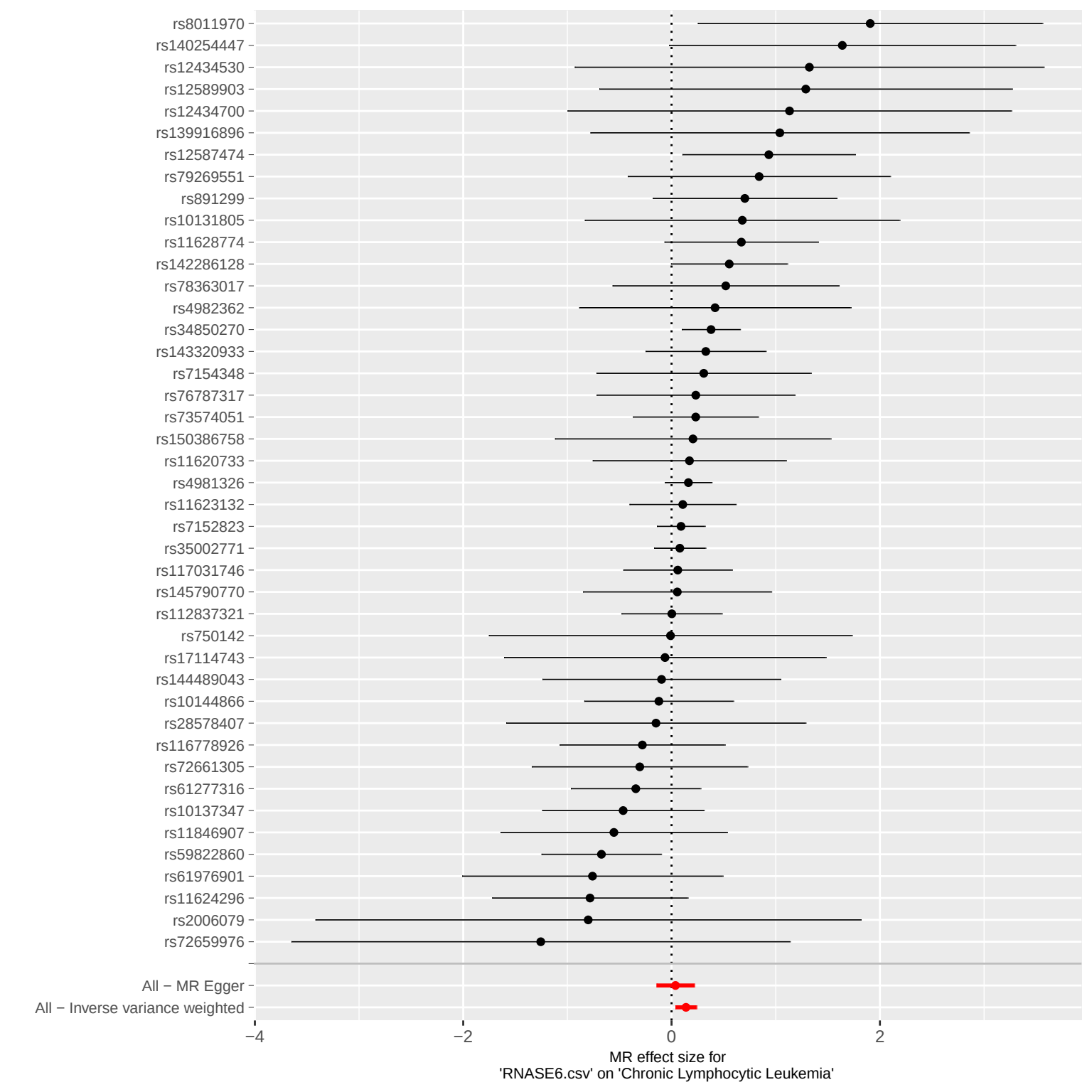
rs12889457
rs35939447
rs12147654
rs149304930
rs2236283
rs36018089
rs148226973
rs73571897
rs1958032
rs7494269
rs117034324
rs79484864
rs61978191
rs35287017
rs147050298
rs56361542
rs1243457
rs10142026
rs4982369
rs2093361
rs145968681
rs61978195
rs1952526
rs181182680
rs142286128
rs111658339
rs35333450
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RNASE3.csv' on 'Chronic Lymphocytic Leukemia'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rs142286128
rs78363017
rs4982362
rs34850270
rs143320933
rs7154348
rs76787317
rs73574051
rs150386758
rs11620733
rs4981326
rs11623132
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rs117031746
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rs112837321
rs750142
rs17114743
rs144489043
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rs11846907
rs59822860
rs61976901
rs11624296
rs2006079
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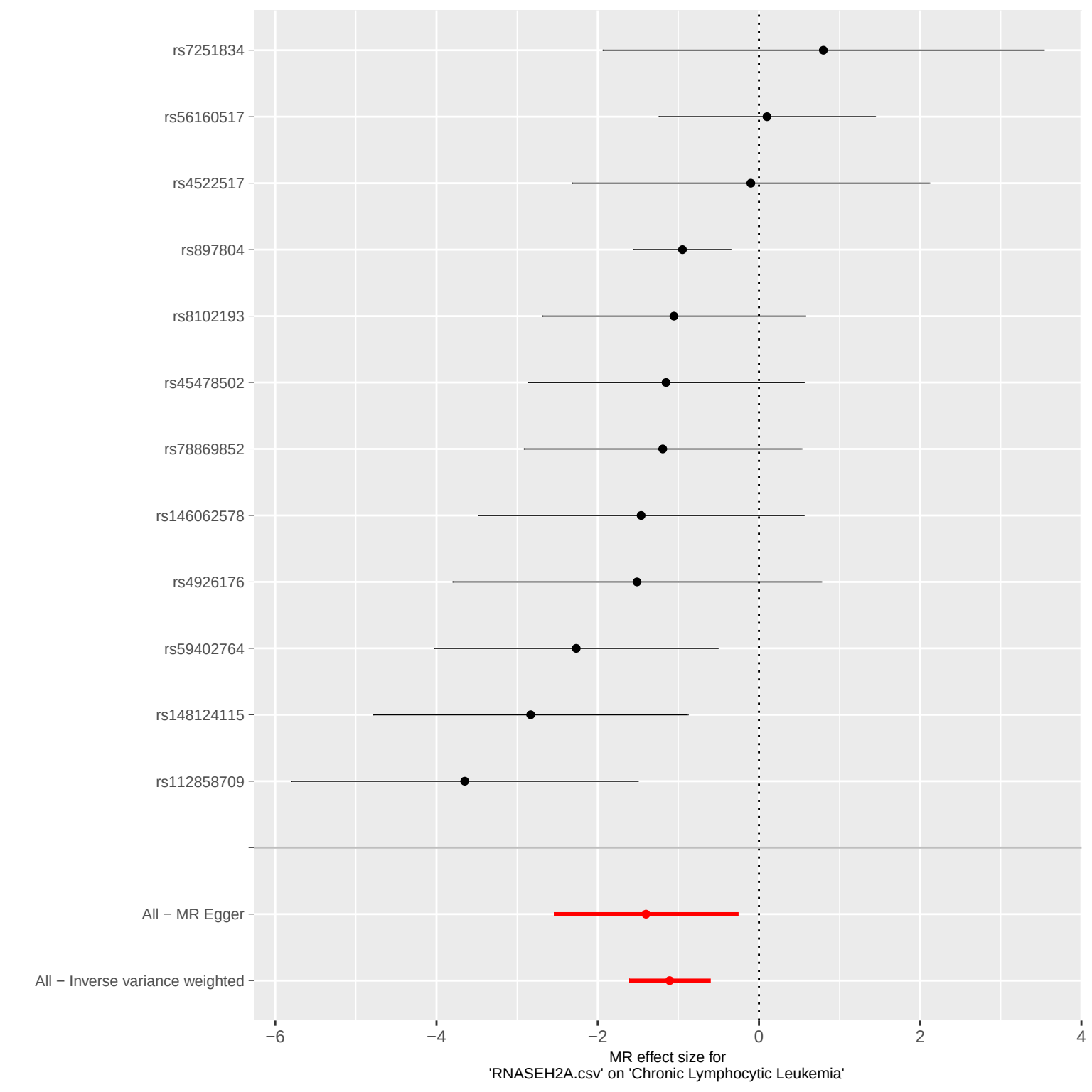
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RNASE6.csv' on 'Chronic Lymphocytic Leukemia'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rs45478502
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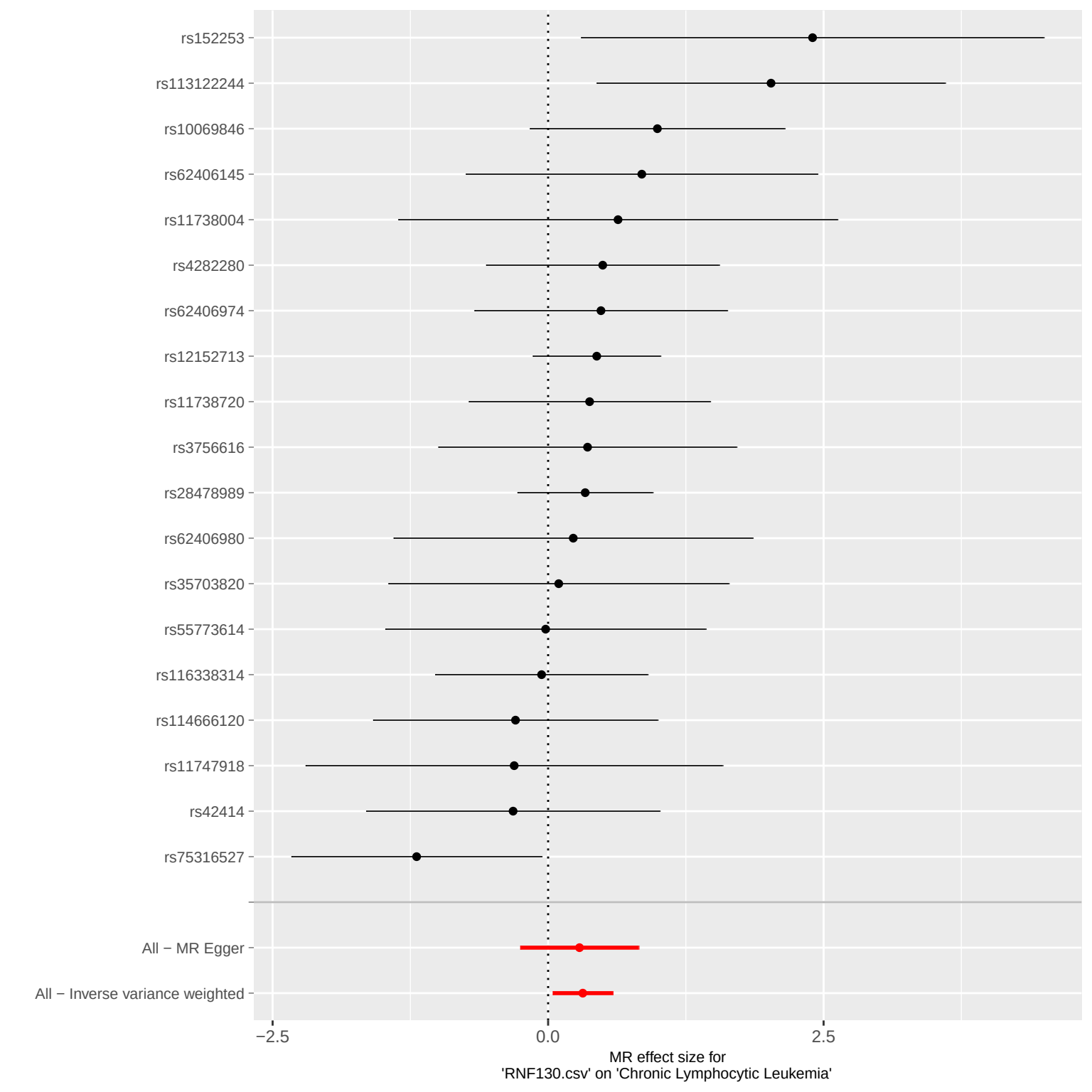
rs148124115
rs112858709
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'RNASEH2A.csv' on 'Chronic Lymphocytic Leukemia'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rs12152713
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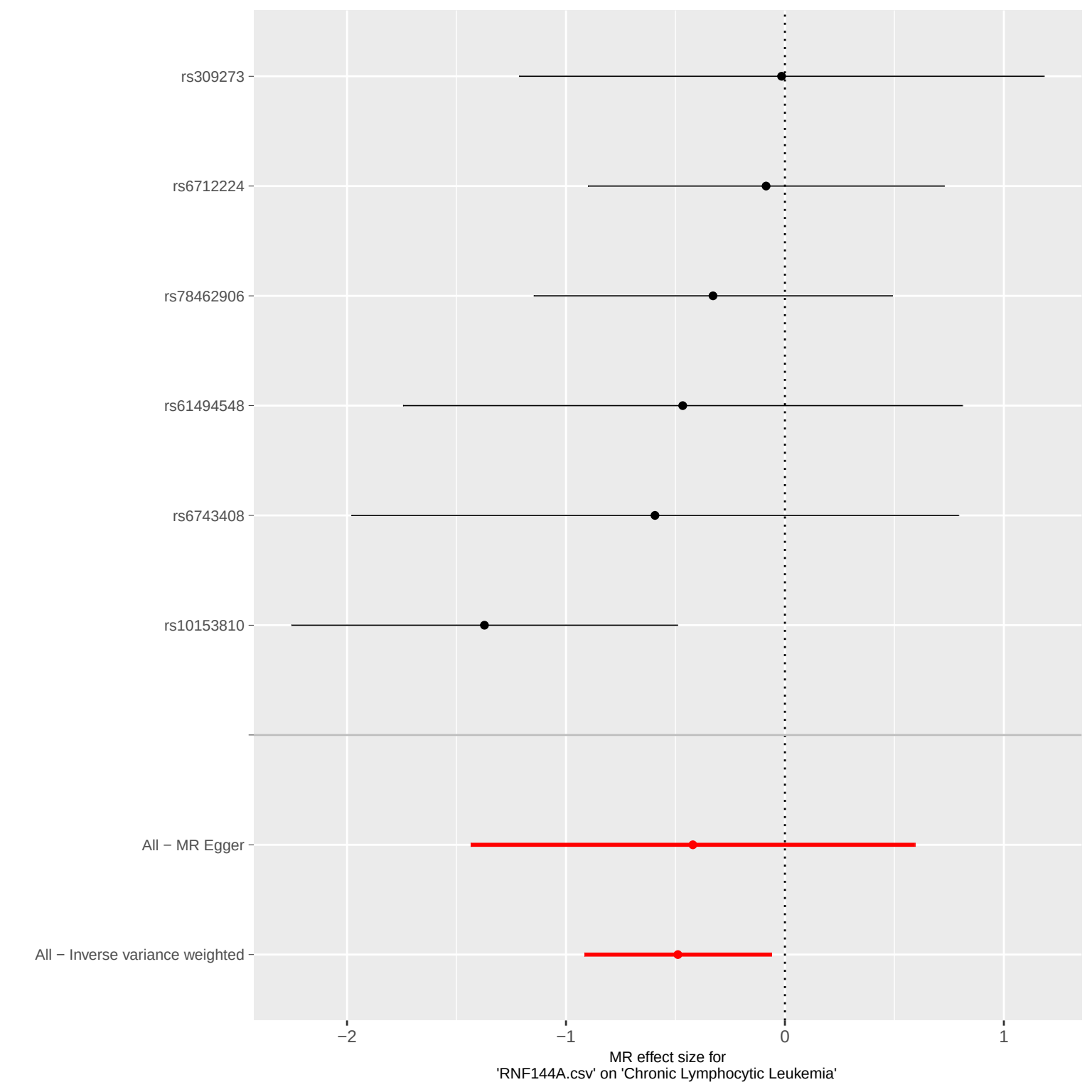
rs28478989
rs62406980
rs35703820
rs55773614
rs116338314
rs114666120
rs11747918
rs42414
rs75316527
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'RNF130.csv' on 'Chronic Lymphocytic Leukemia'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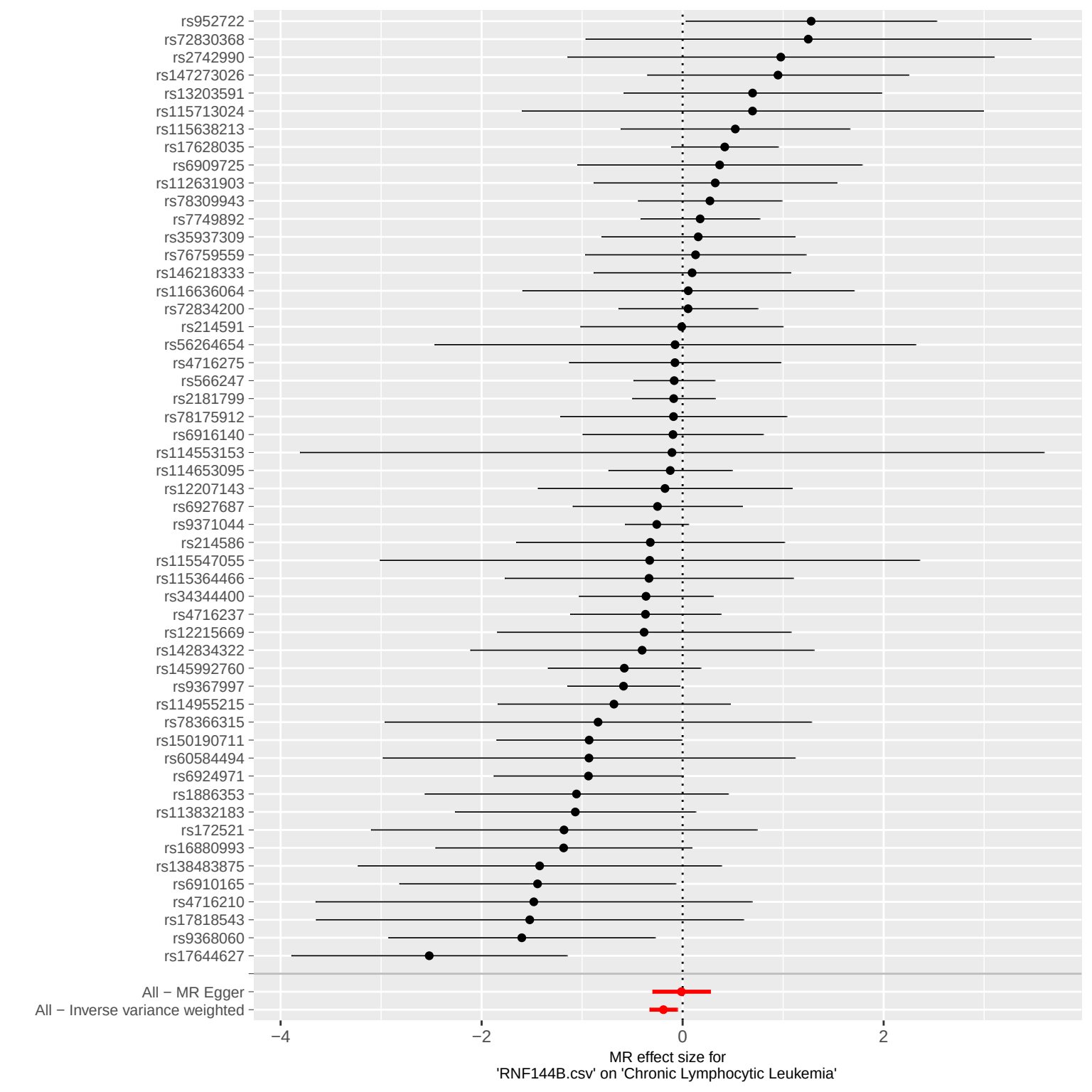
rs61494548
rs6743408
rs10153810
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'RNF144A.csv' on 'Chronic Lymphocytic Leukemia'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rs78309943
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rs35937309
rs76759559
rs146218333
rs116636064
rs72834200
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rs4716275
rs566247
rs2181799
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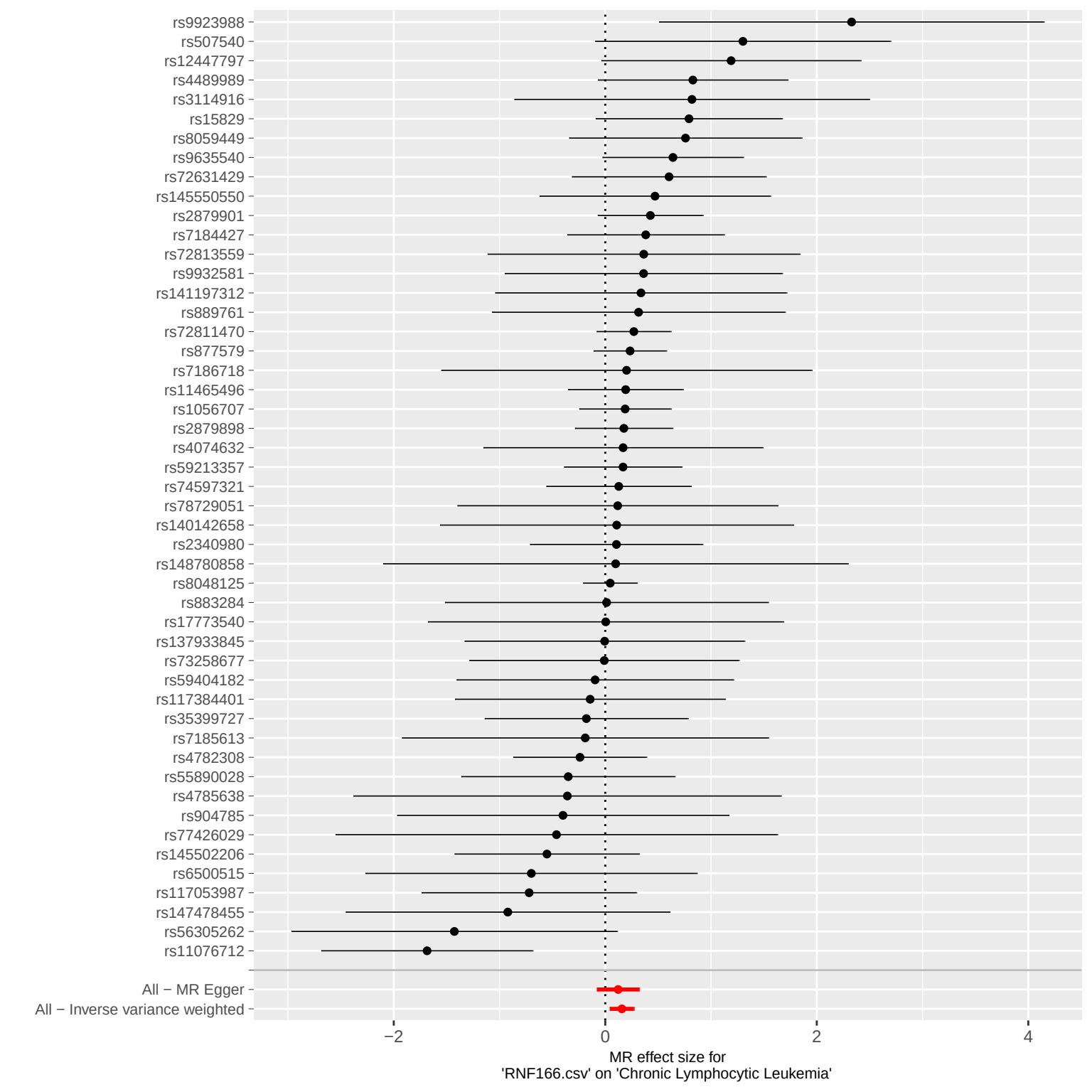
rs138483875
rs6910165
rs4716210
rs17818543
rs9368060
rs17644627
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RNF144B.csv' on 'Chronic Lymphocytic Leukemia'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rs4785638
rs904785
rs77426029
rs145502206
rs6500515
rs117053987
rs147478455
rs56305262
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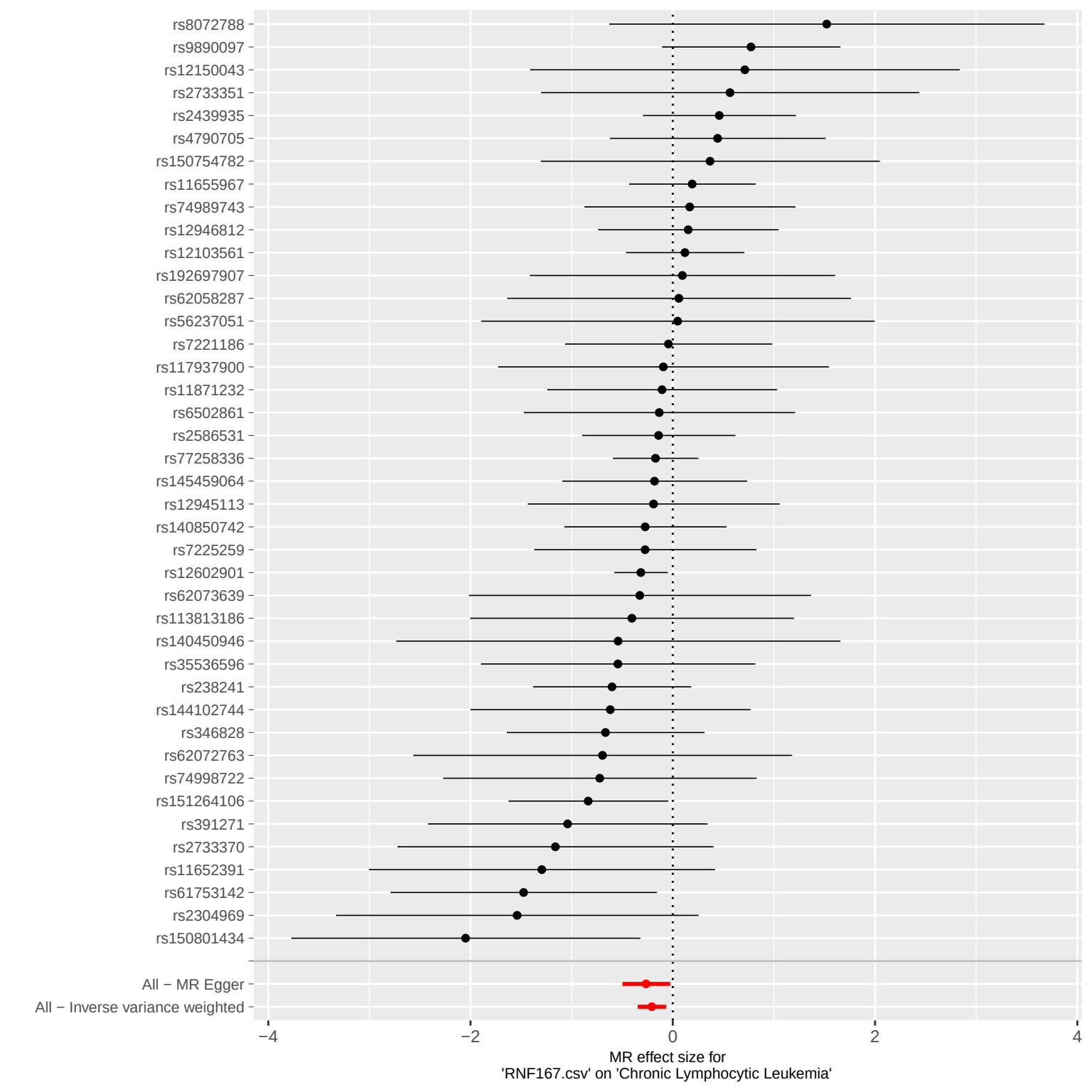
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RNF166.csv' on 'Chronic Lymphocytic Leukemia'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rs35536596
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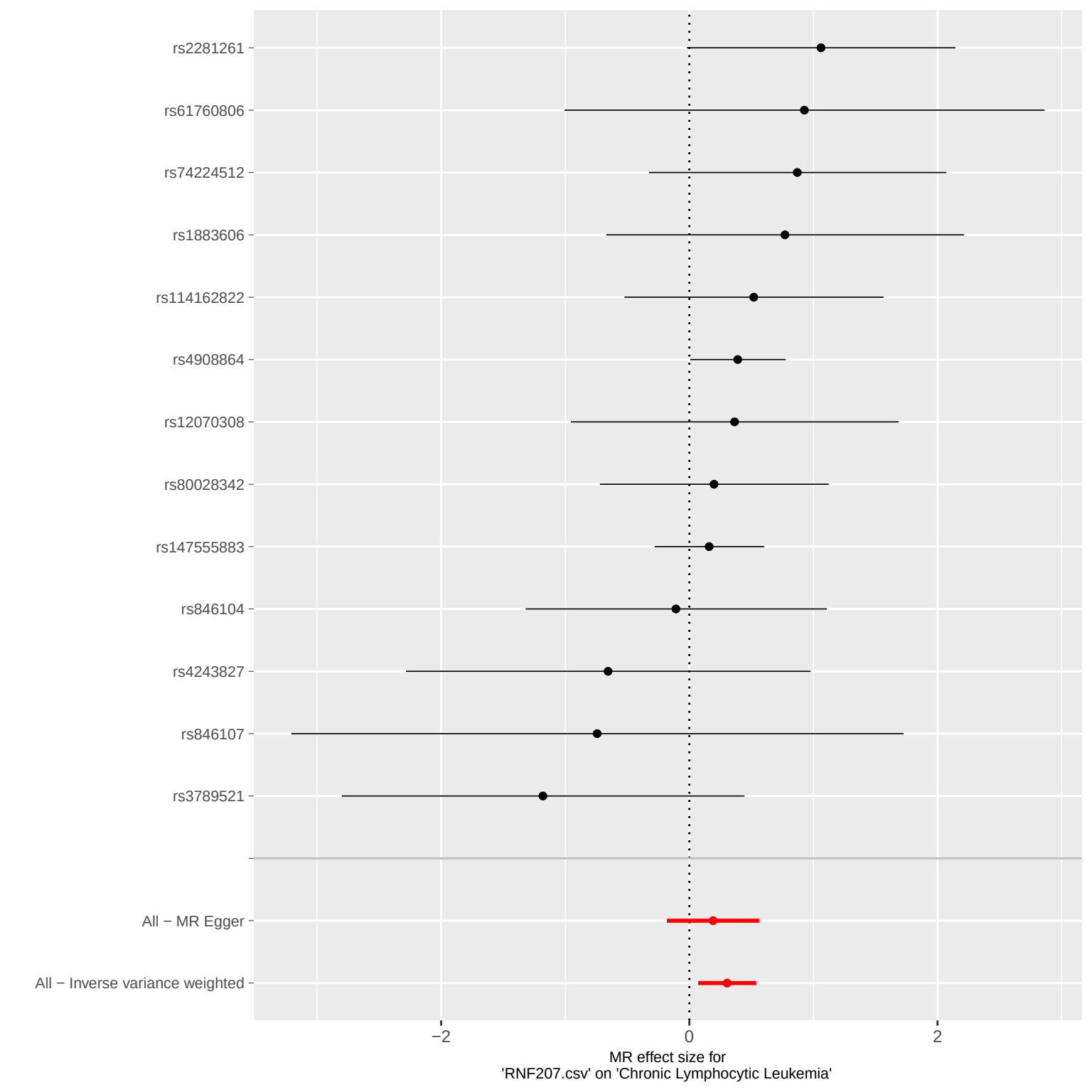
rs346828
rs62072763
rs74998722
rs151264106
rs391271
rs2733370
rs11652391
rs61753142
rs2304969
rs150801434
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'RNF167.csv' on 'Chronic Lymphocytic Leukemia'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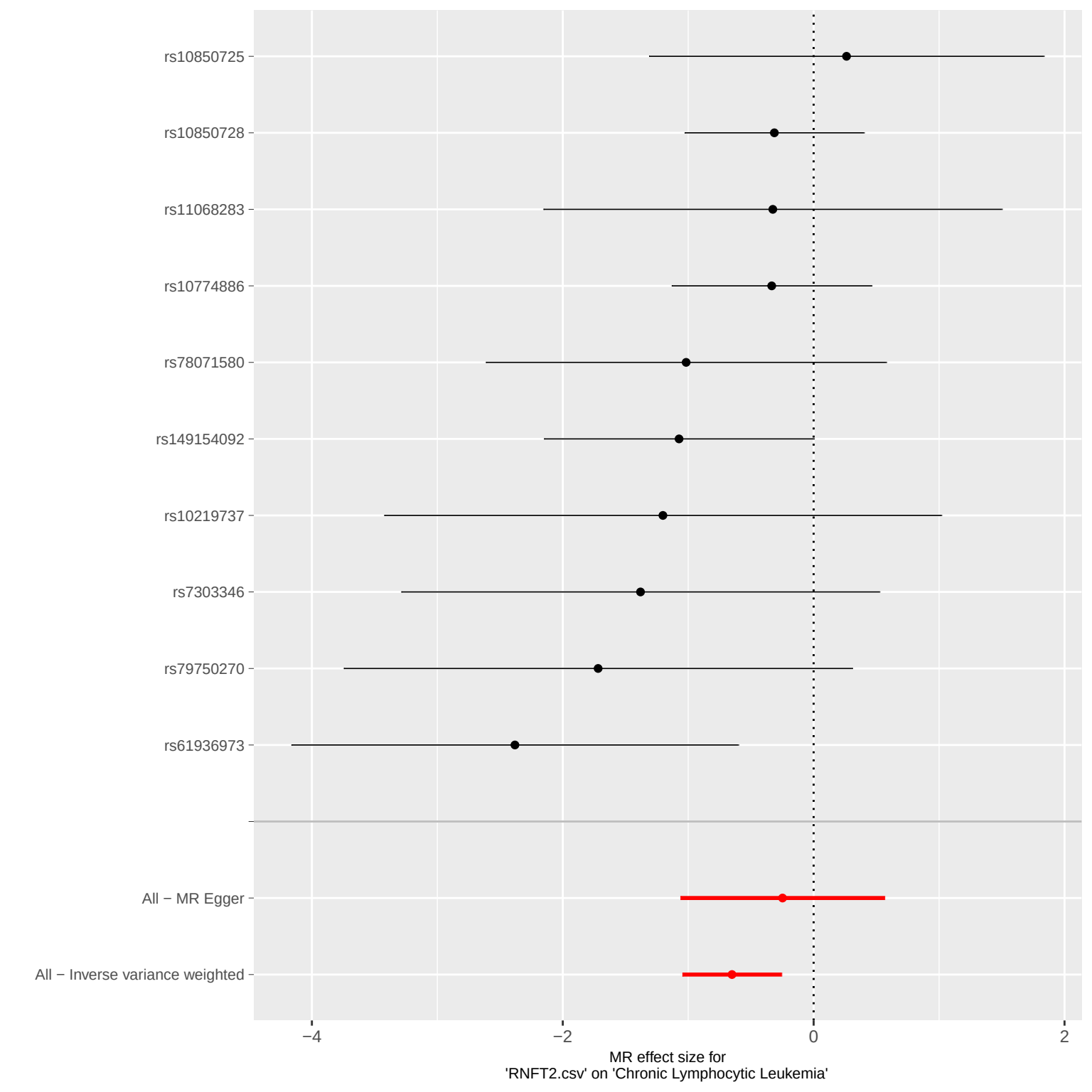
rs1883606
rs114162822
rs4908864
rs12070308
rs80028342
rs147555883
rs846104
rs4243827
rs846107
rs3789521
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RNF207.csv' on 'Chronic Lymphocytic Leukemia'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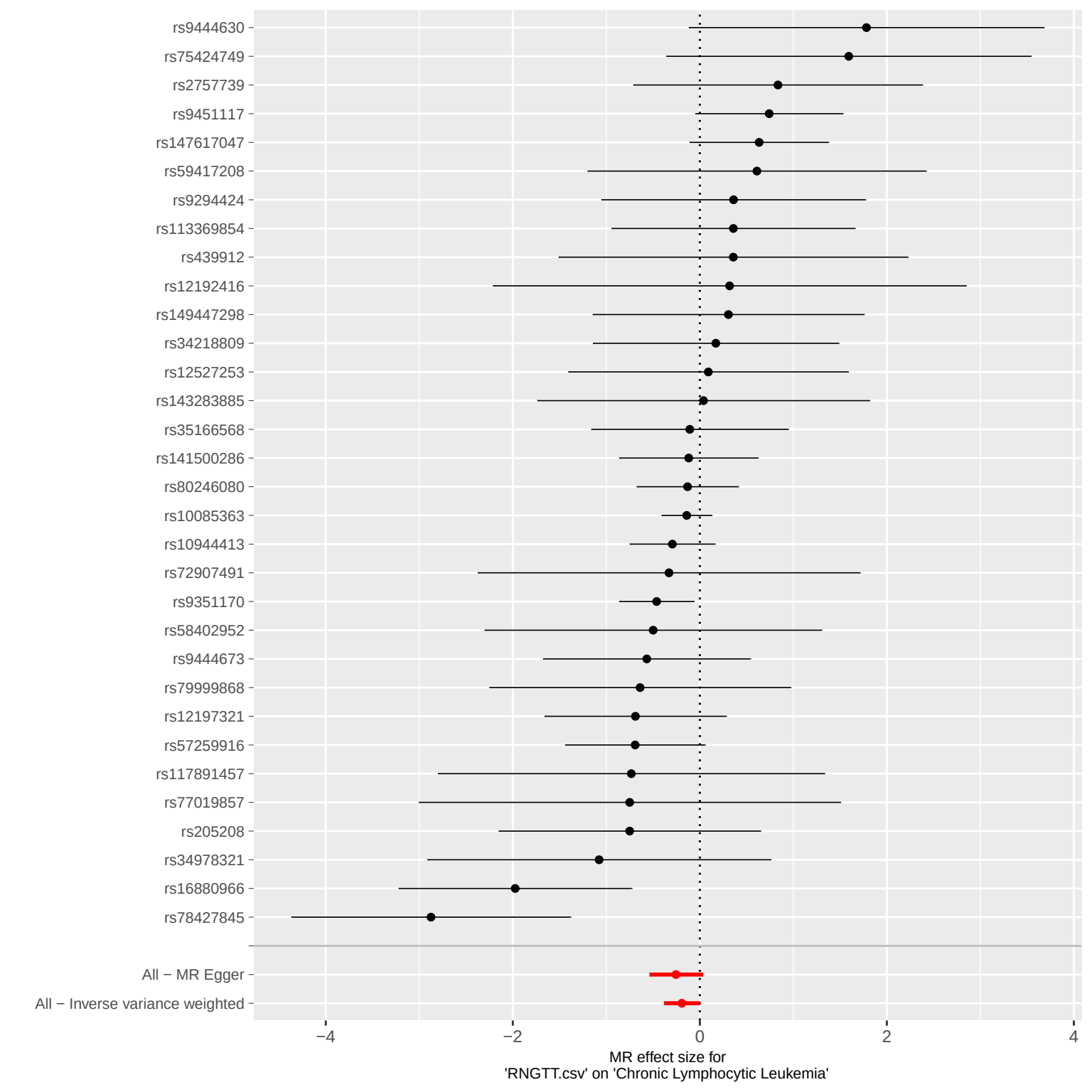
rs11068283
rs10774886
rs78071580
rs149154092
rs10219737
rs7303346
rs79750270
rs61936973
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RNFT2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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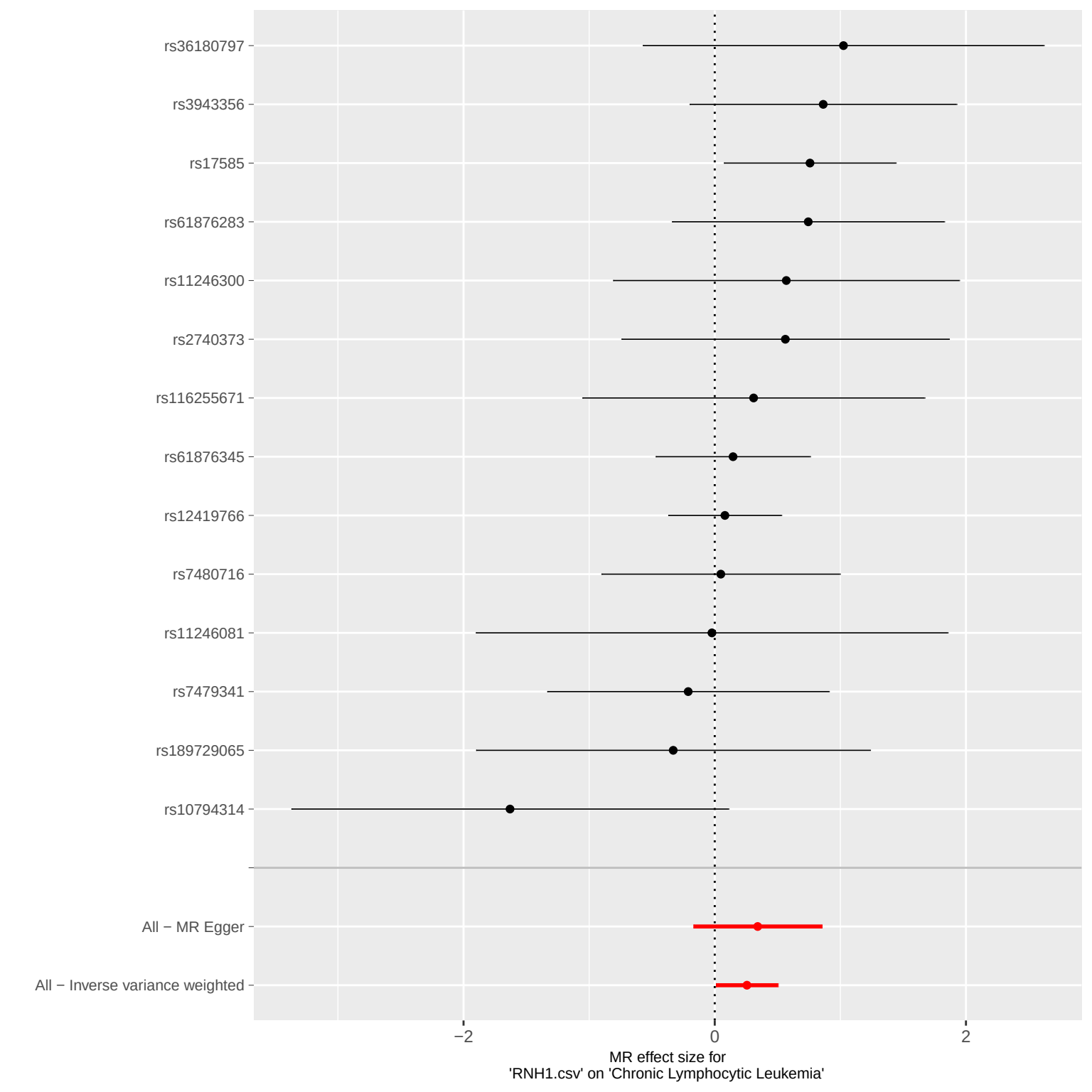
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MR effect size for
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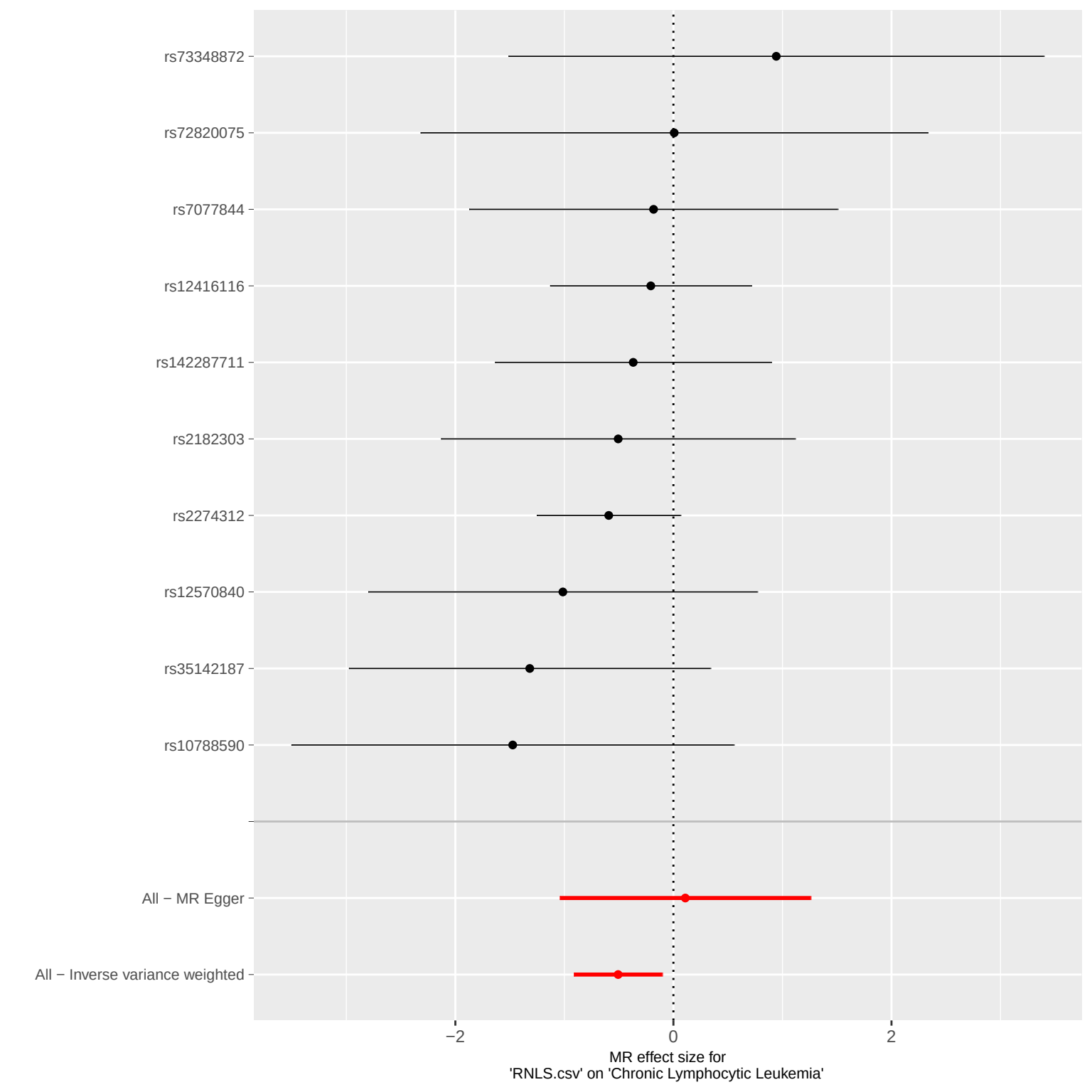
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All − Inverse variance weighted
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MR effect size for
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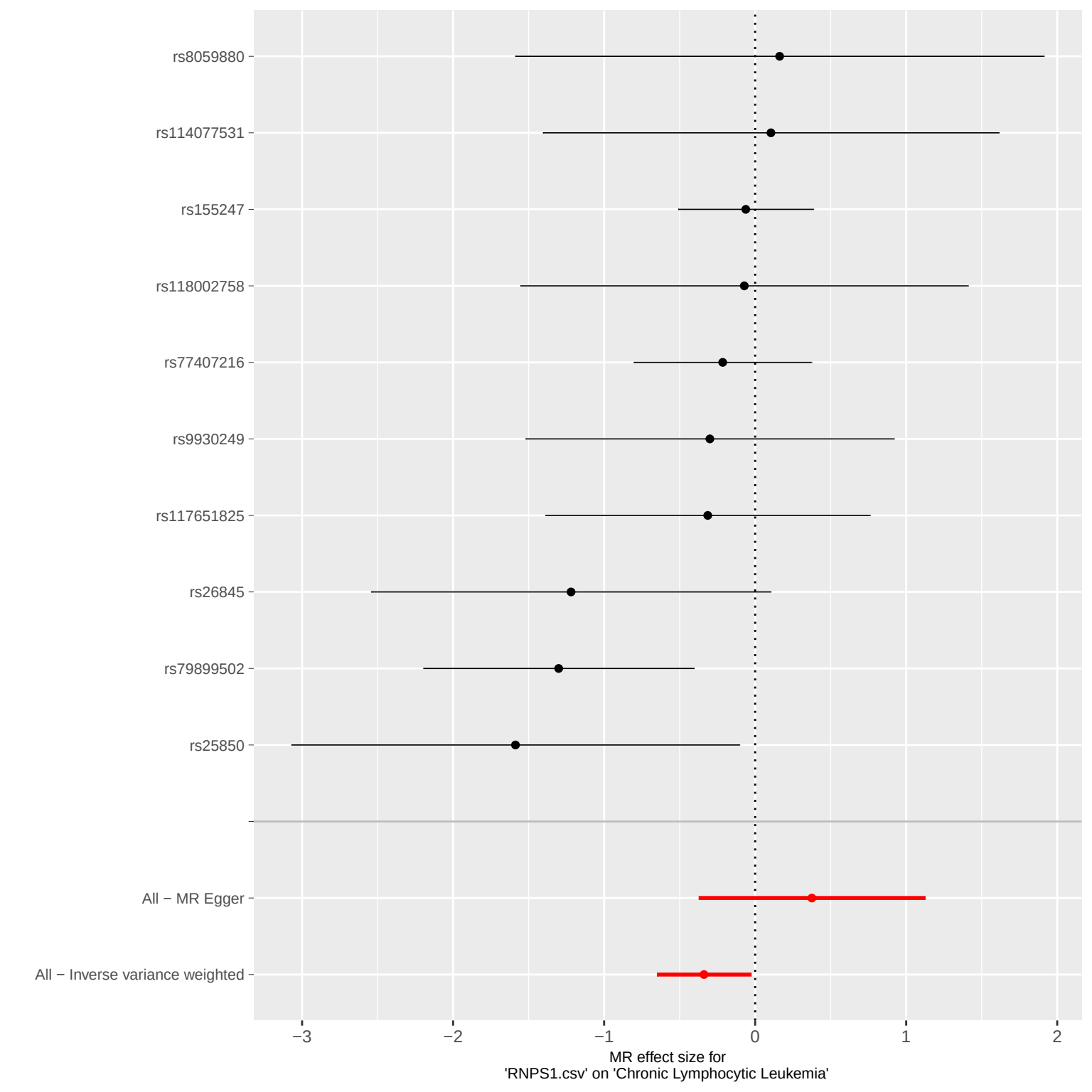
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All − Inverse variance weighted
−3
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0
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MR effect size for
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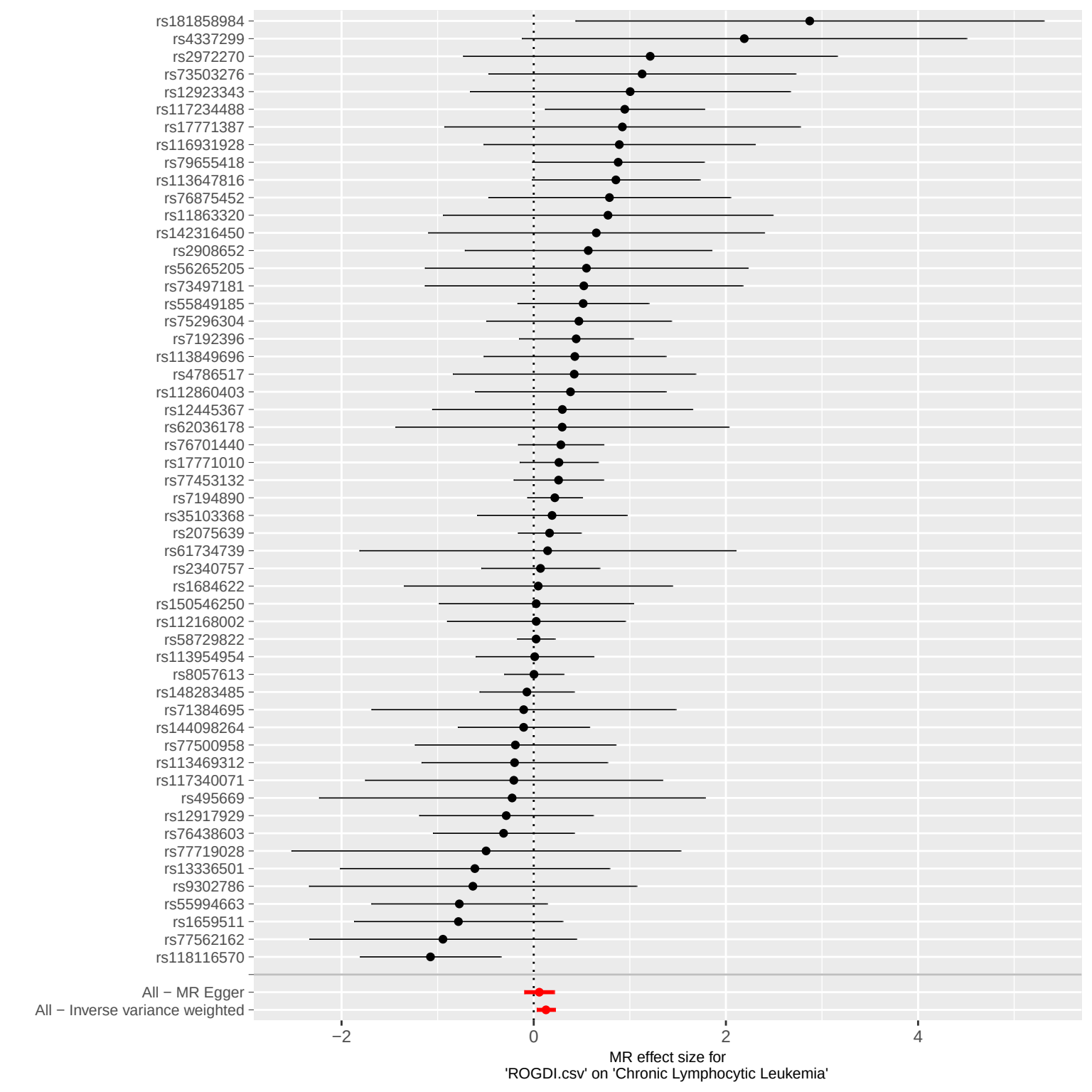
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All − Inverse variance weighted
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MR effect size for
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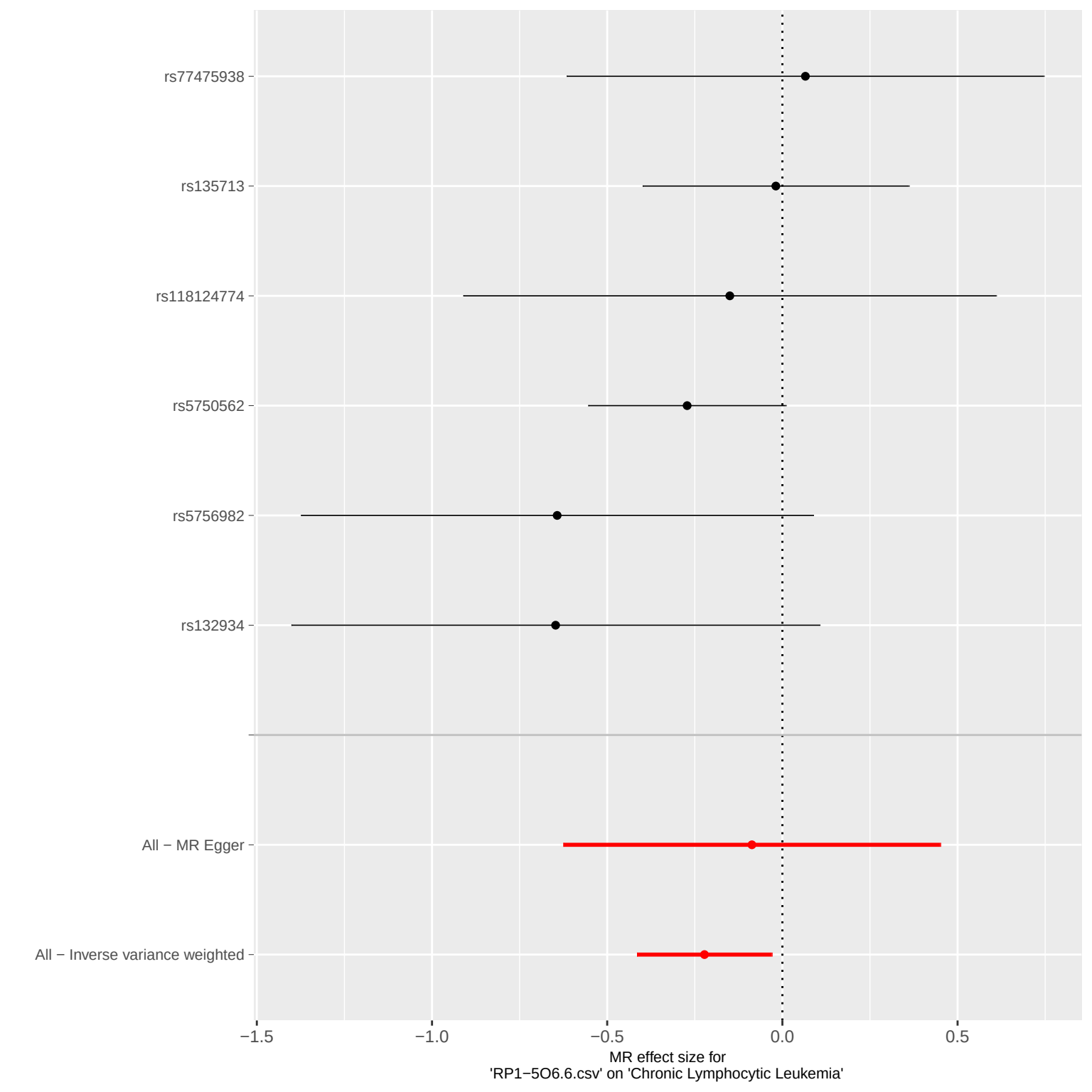
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MR effect size for
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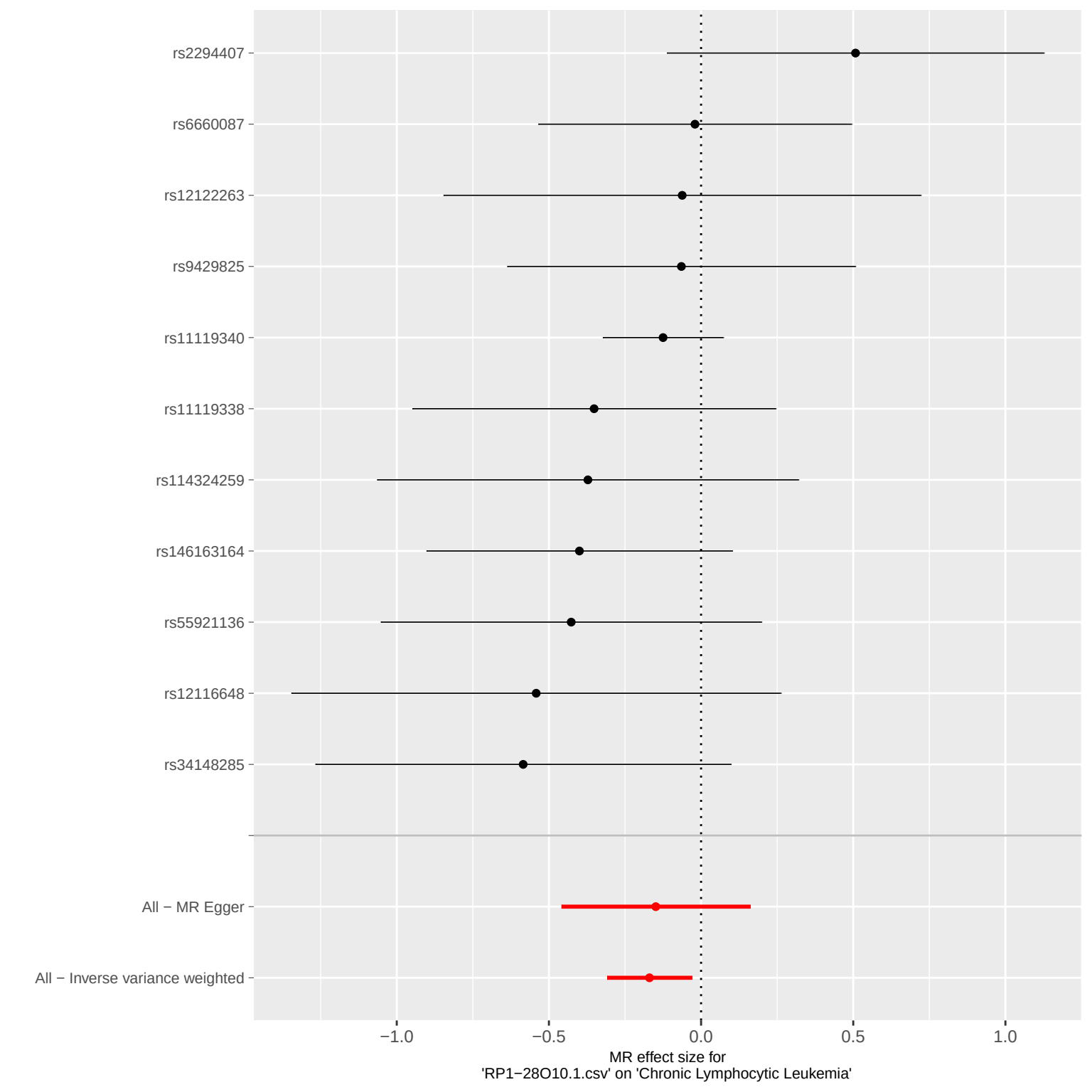
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MR effect size for
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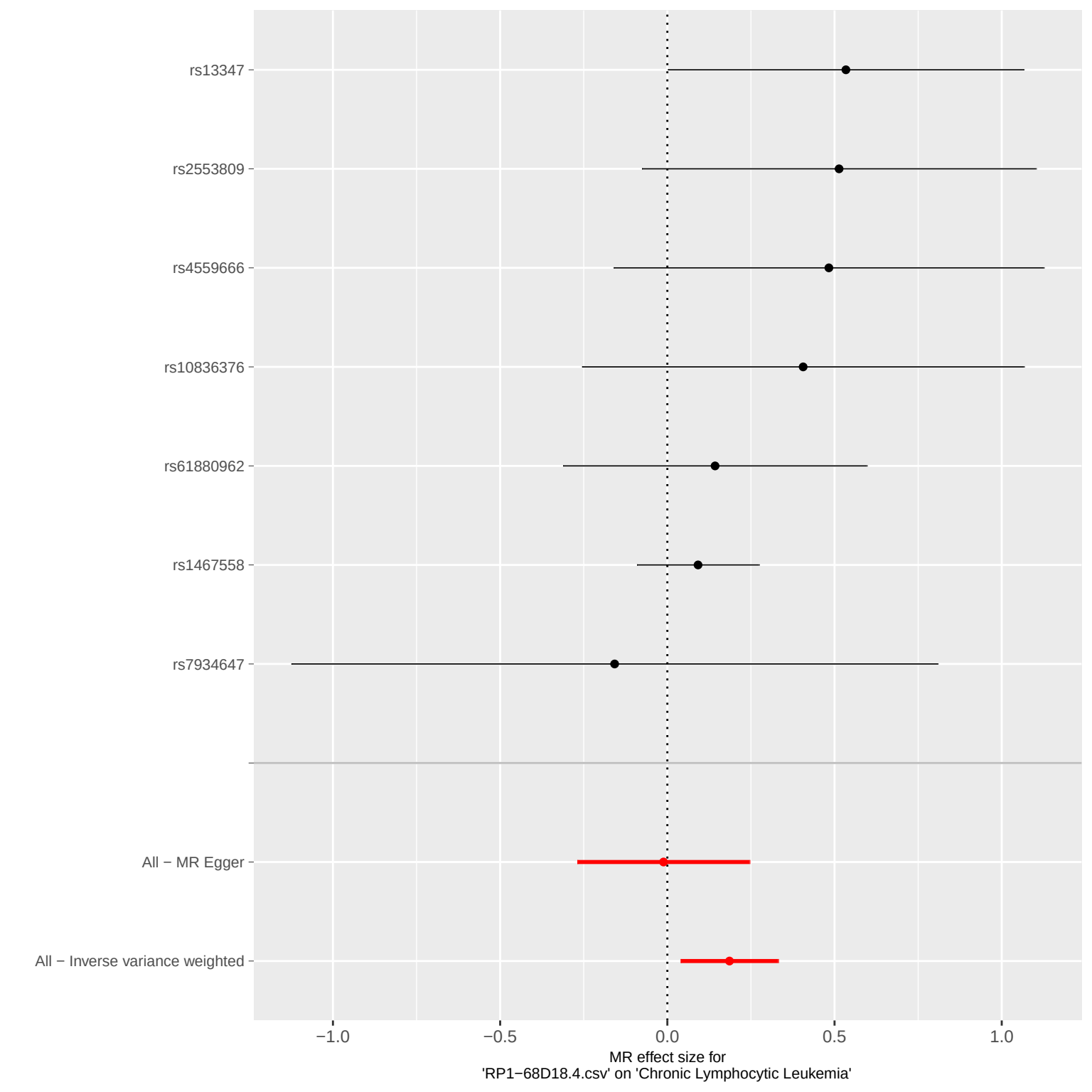
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MR effect size for
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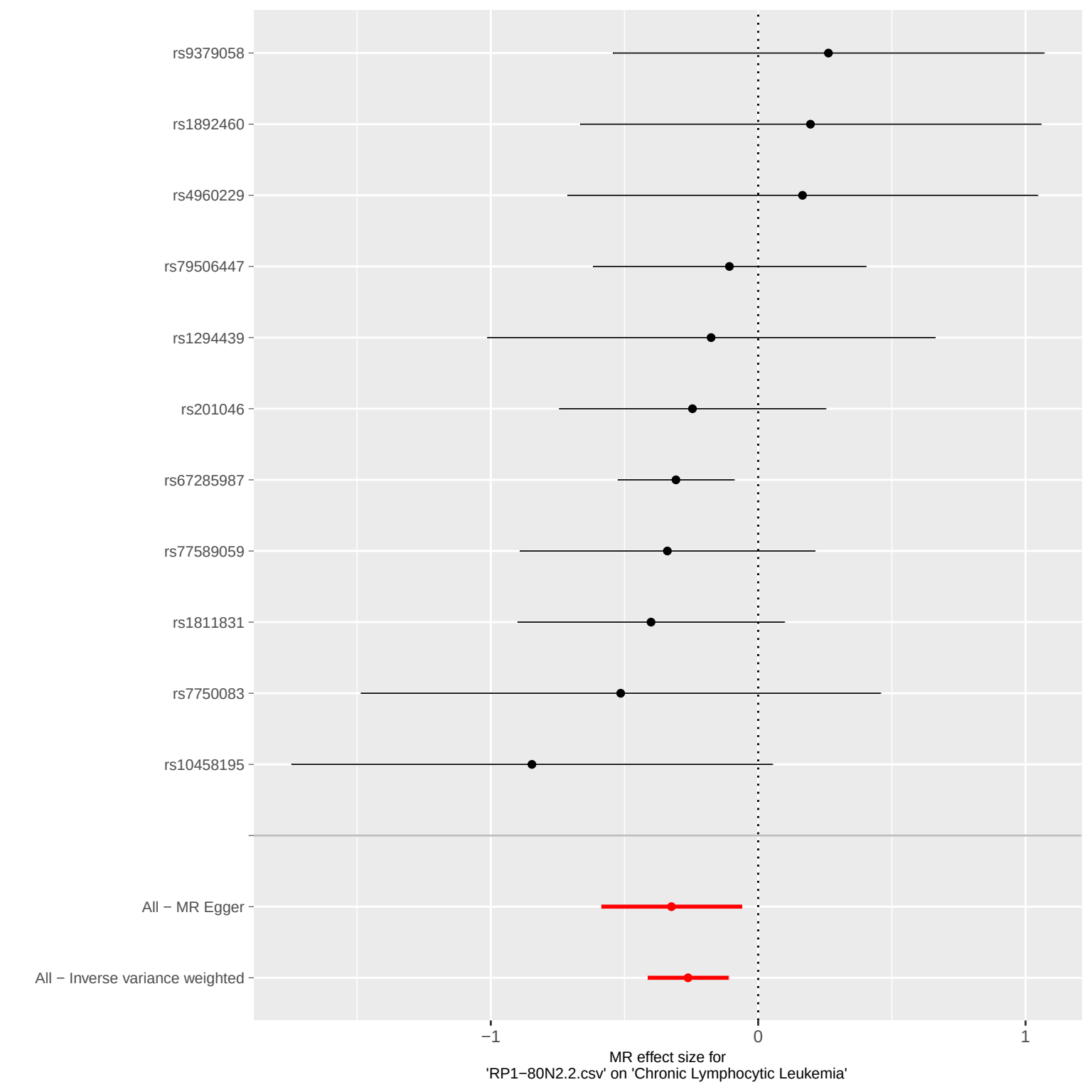
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MR effect size for
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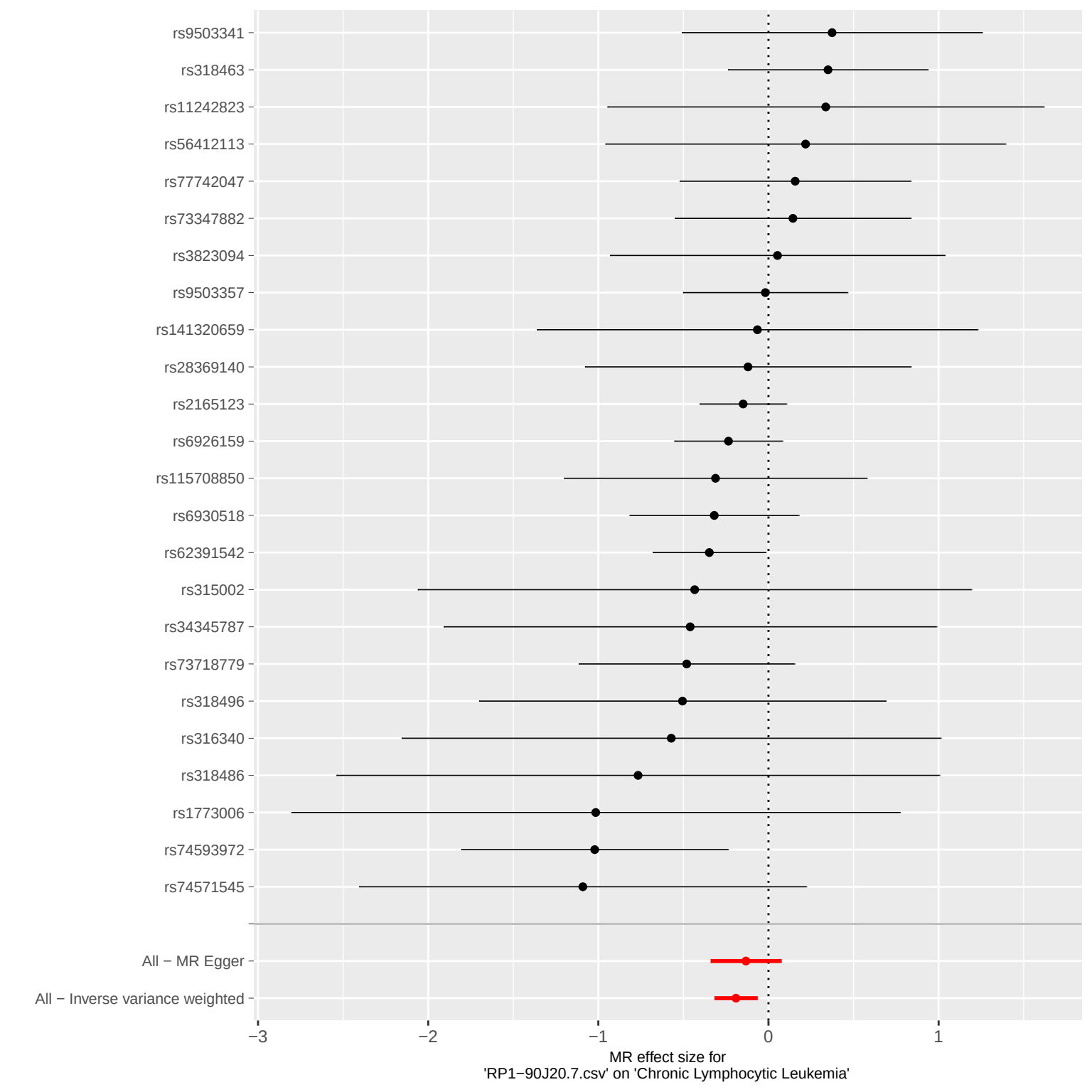
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All − Inverse variance weighted
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MR effect size for
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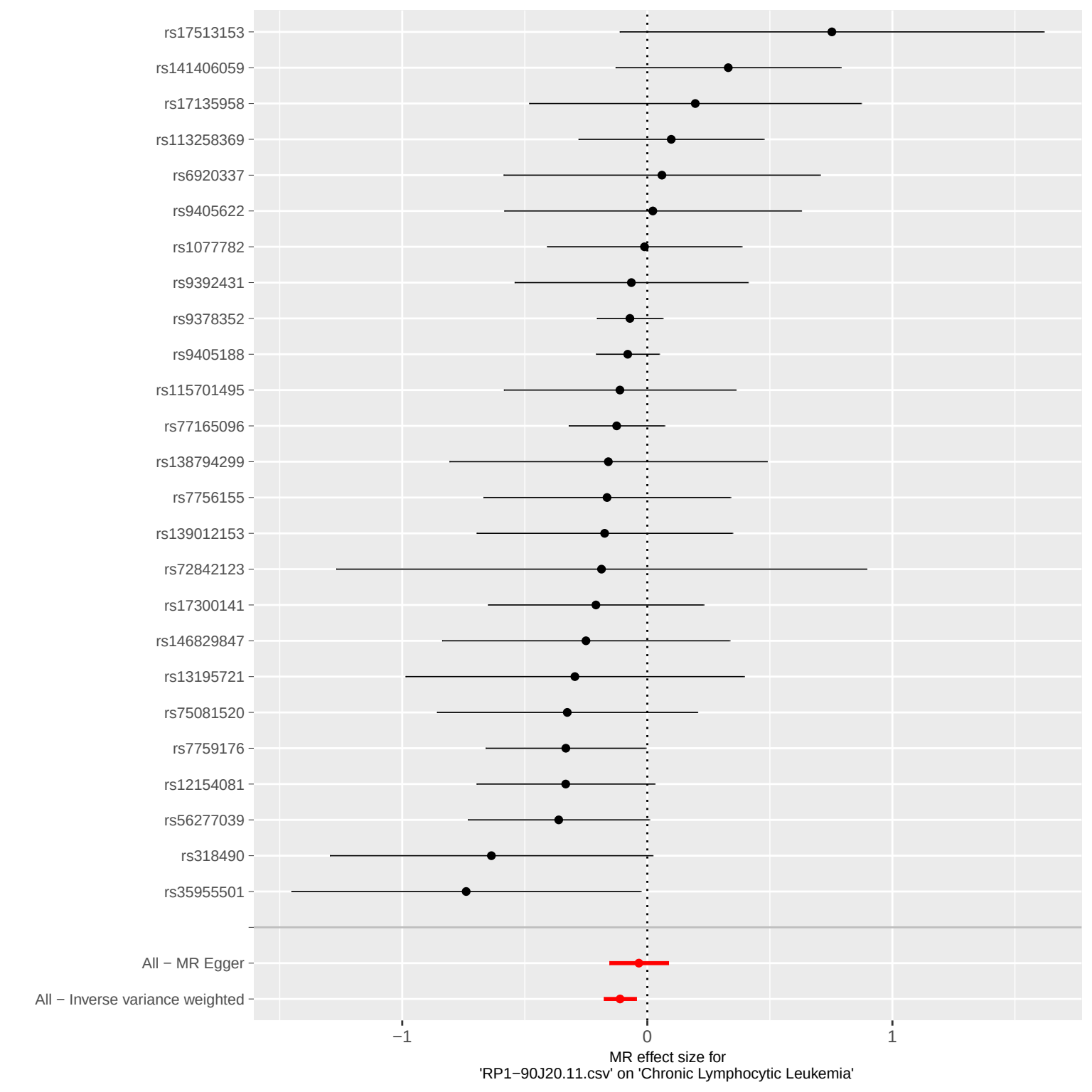
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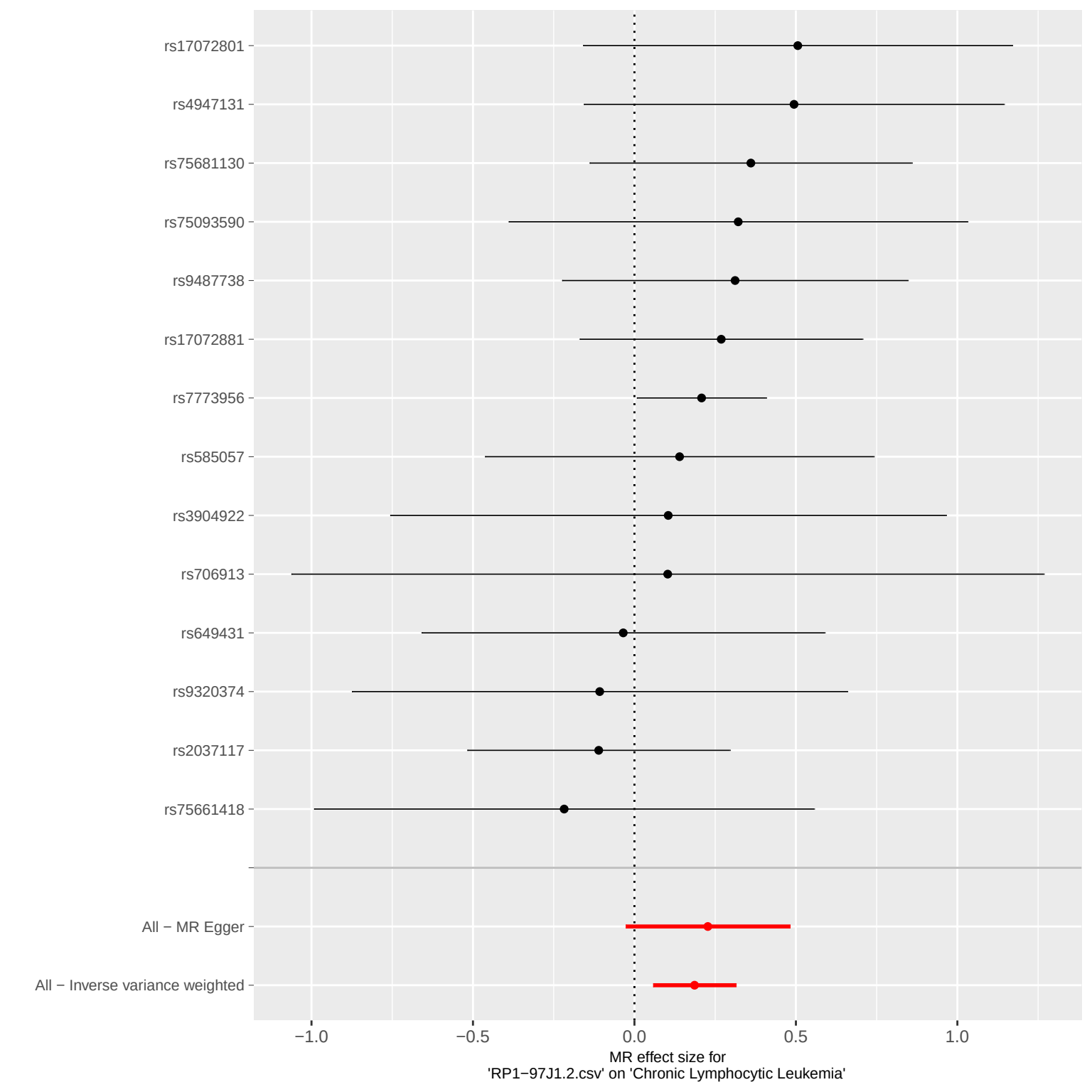
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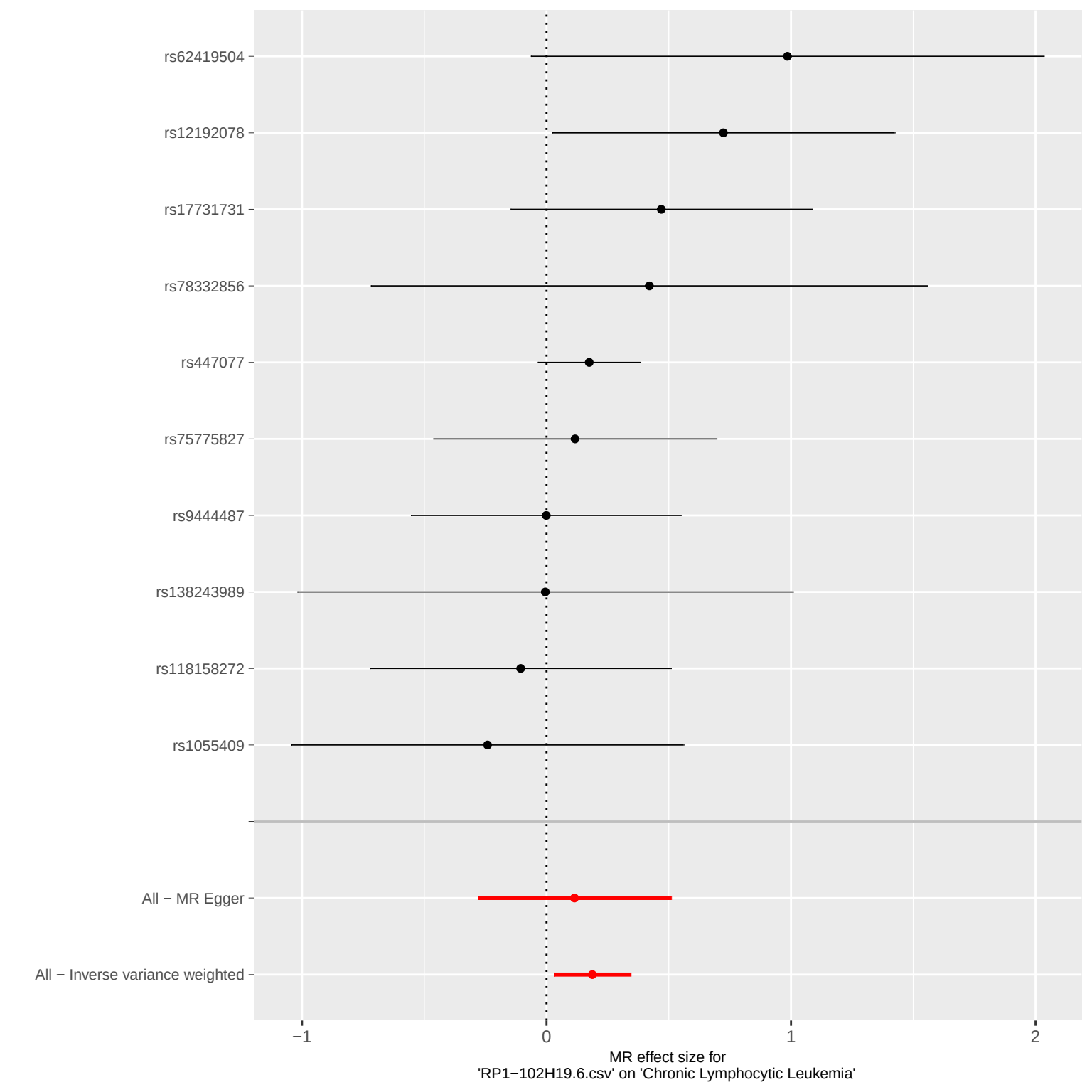
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All − Inverse variance weighted
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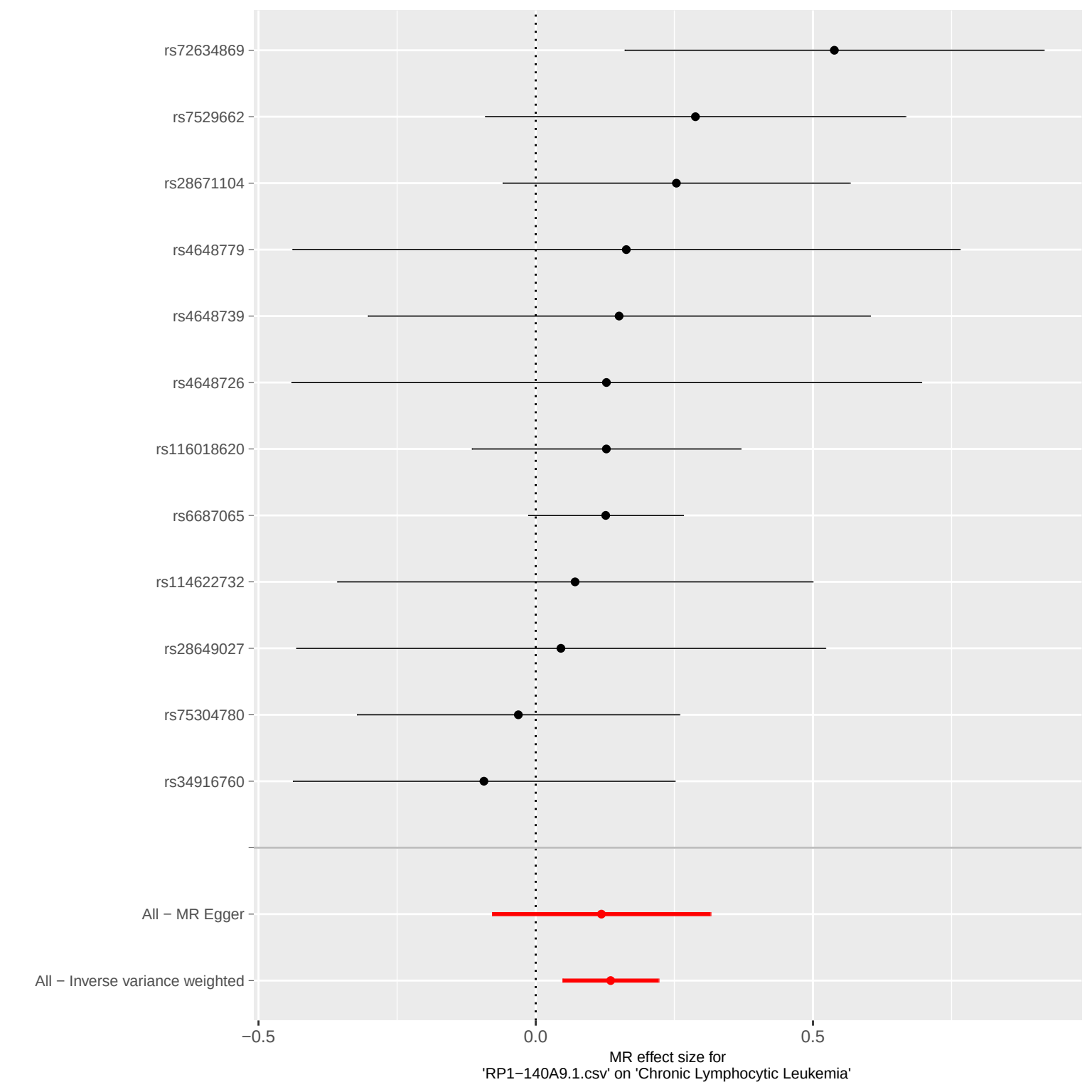
MR effect size for
'RP1−102H19.6.csv' on 'Chronic Lymphocytic Leukemia'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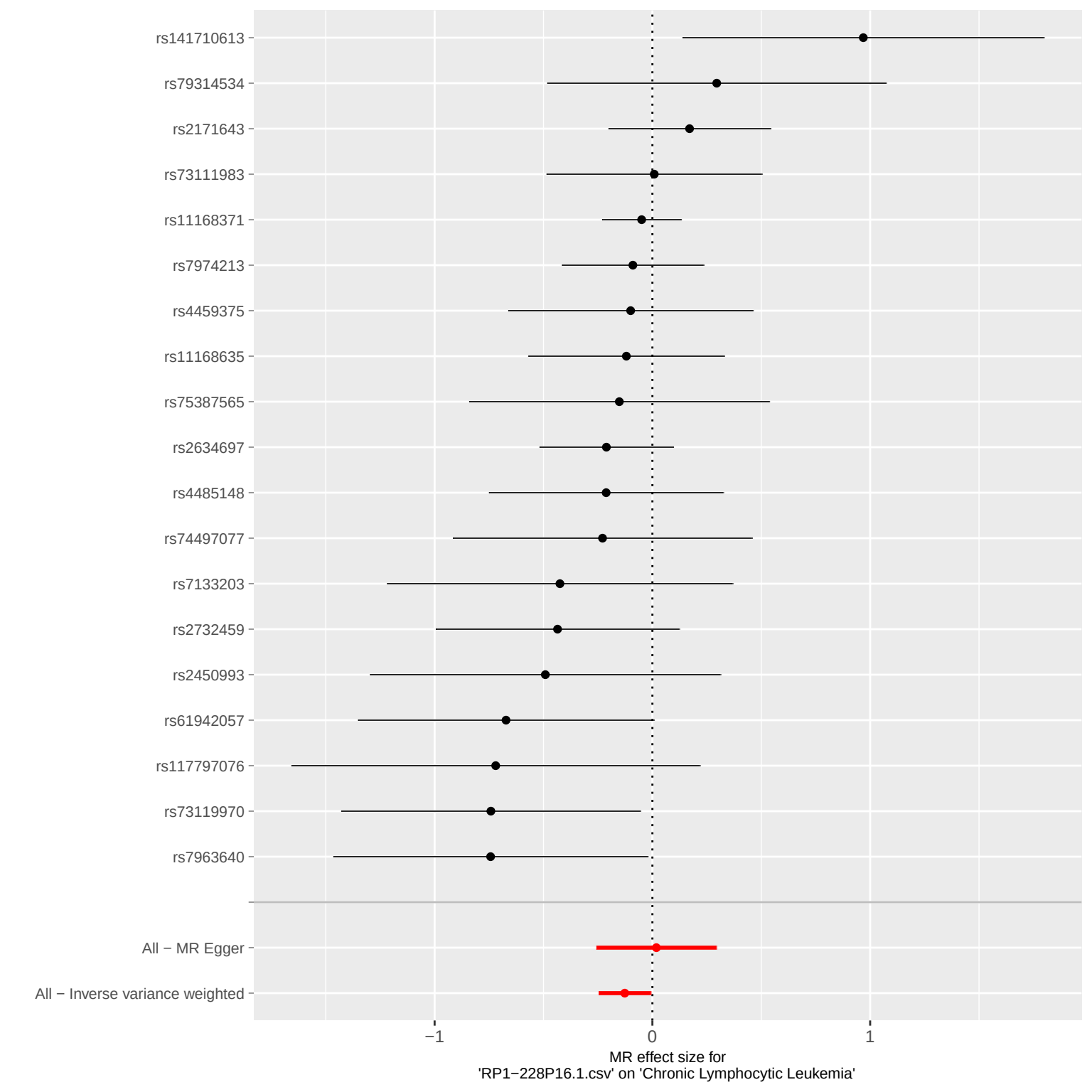
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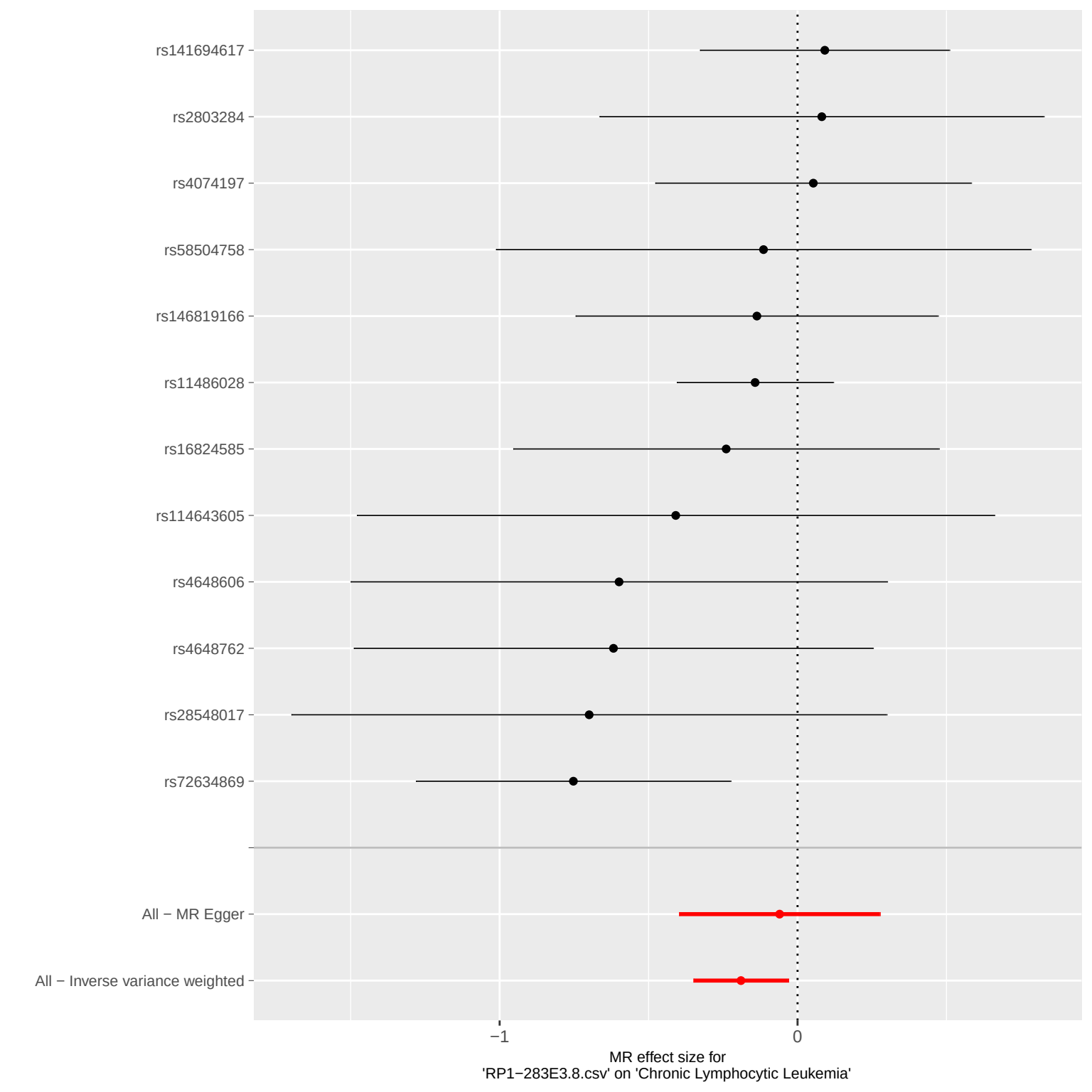
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All − Inverse variance weighted
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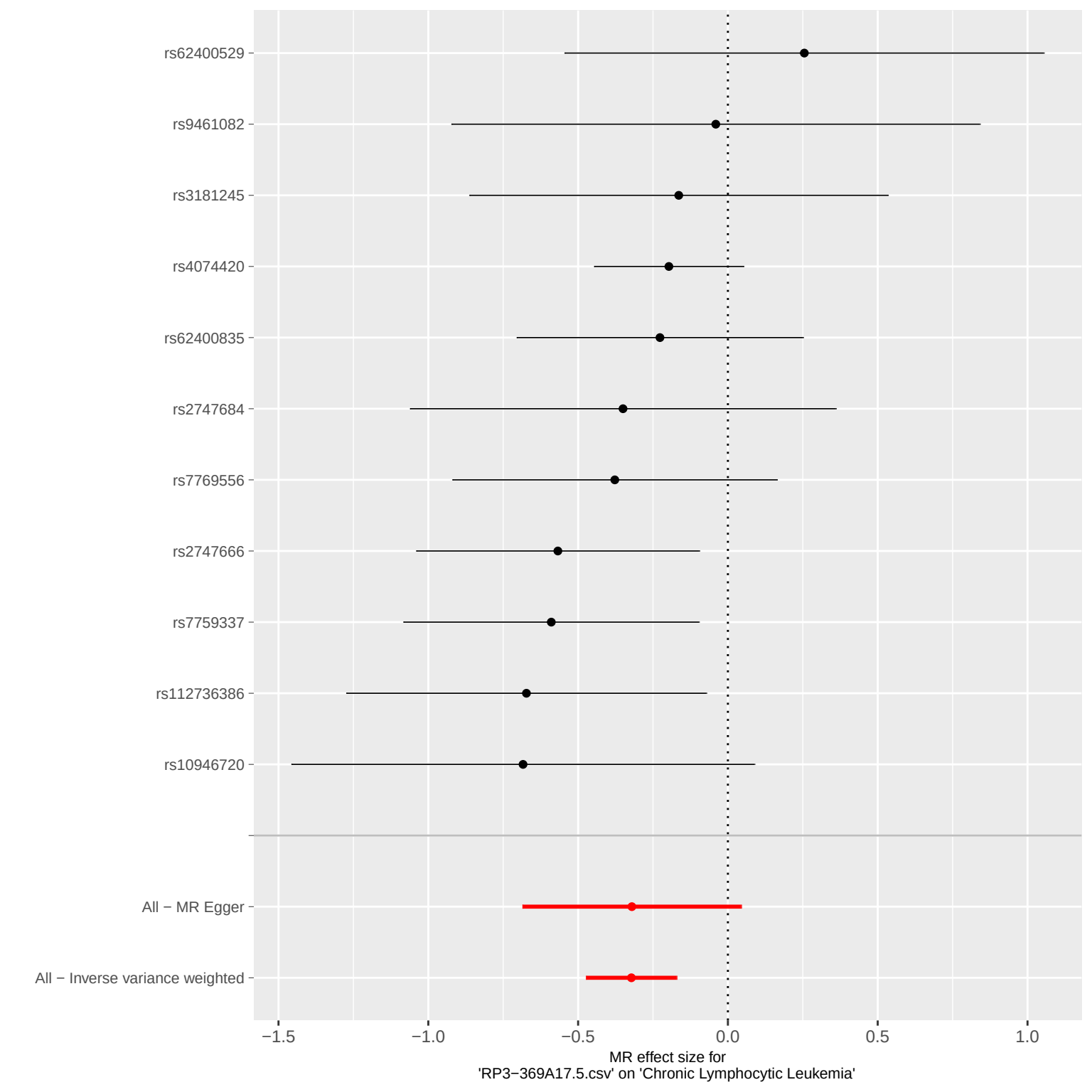
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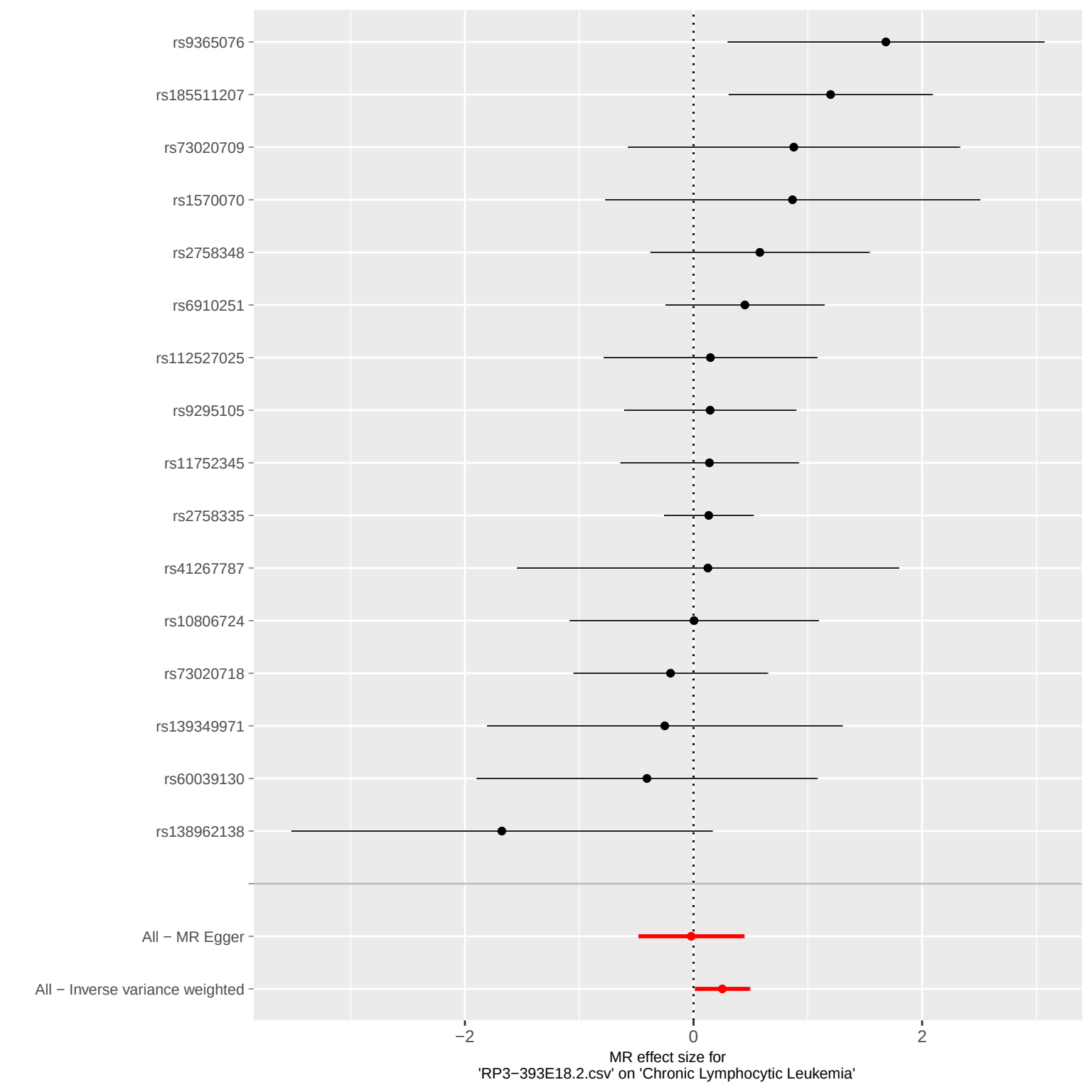
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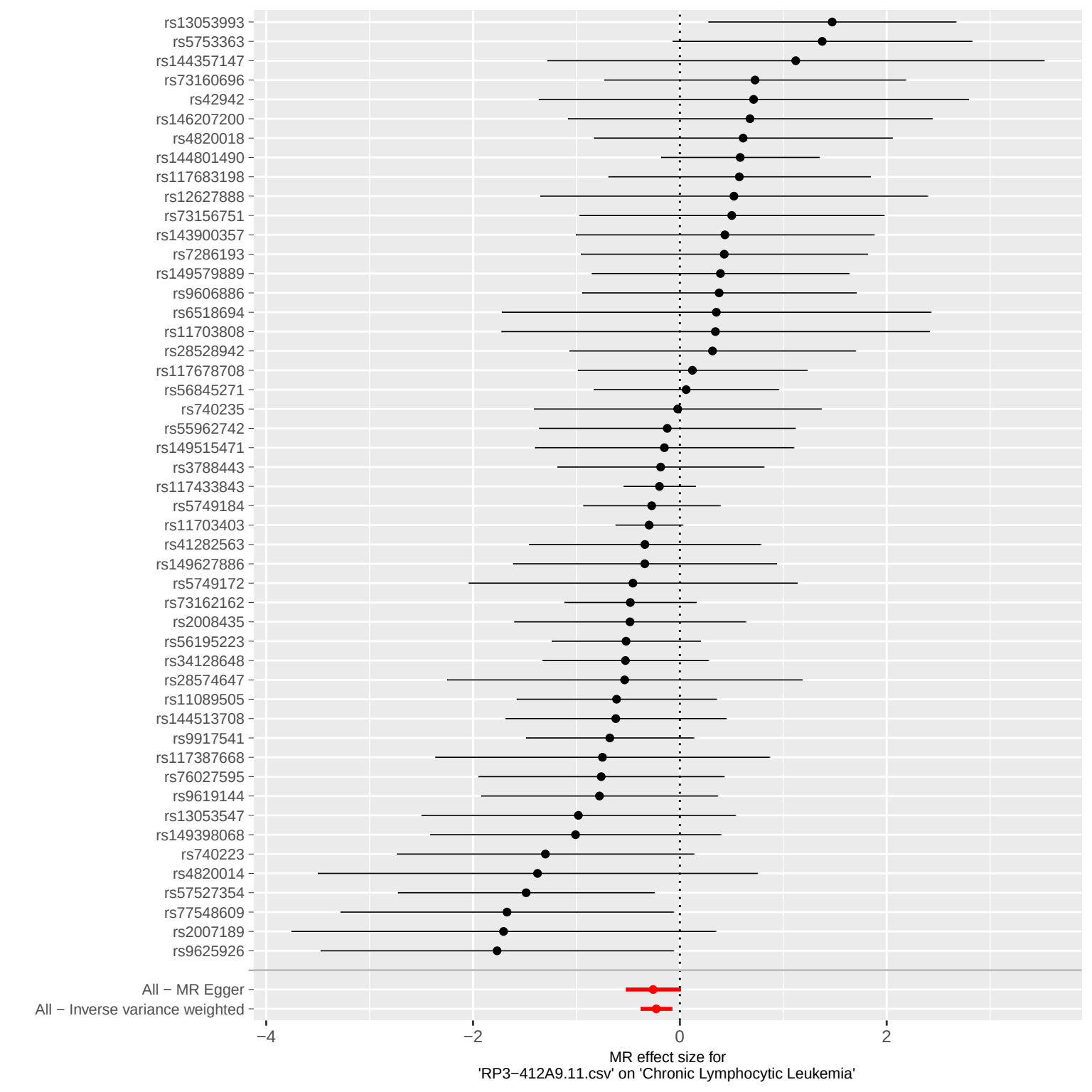
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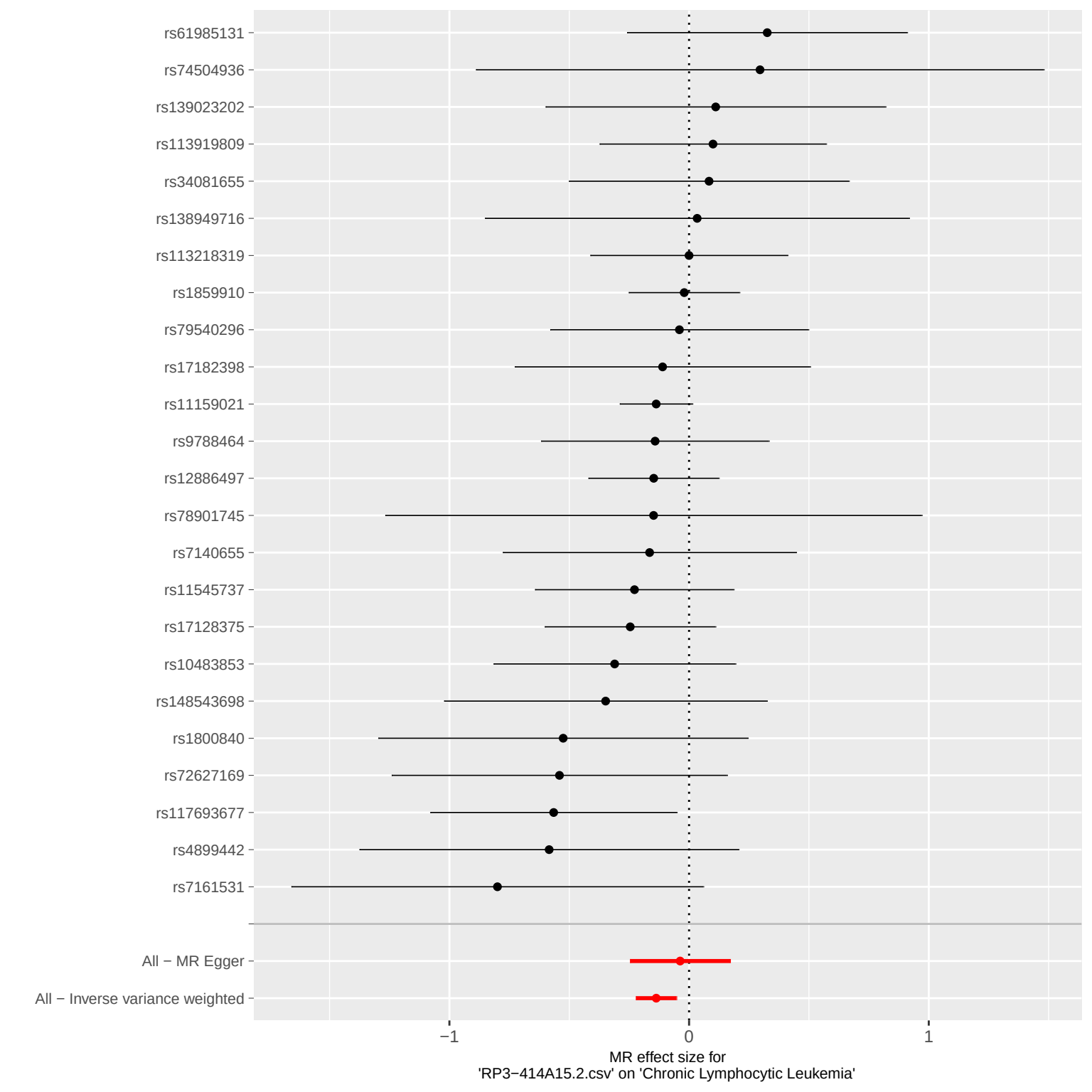
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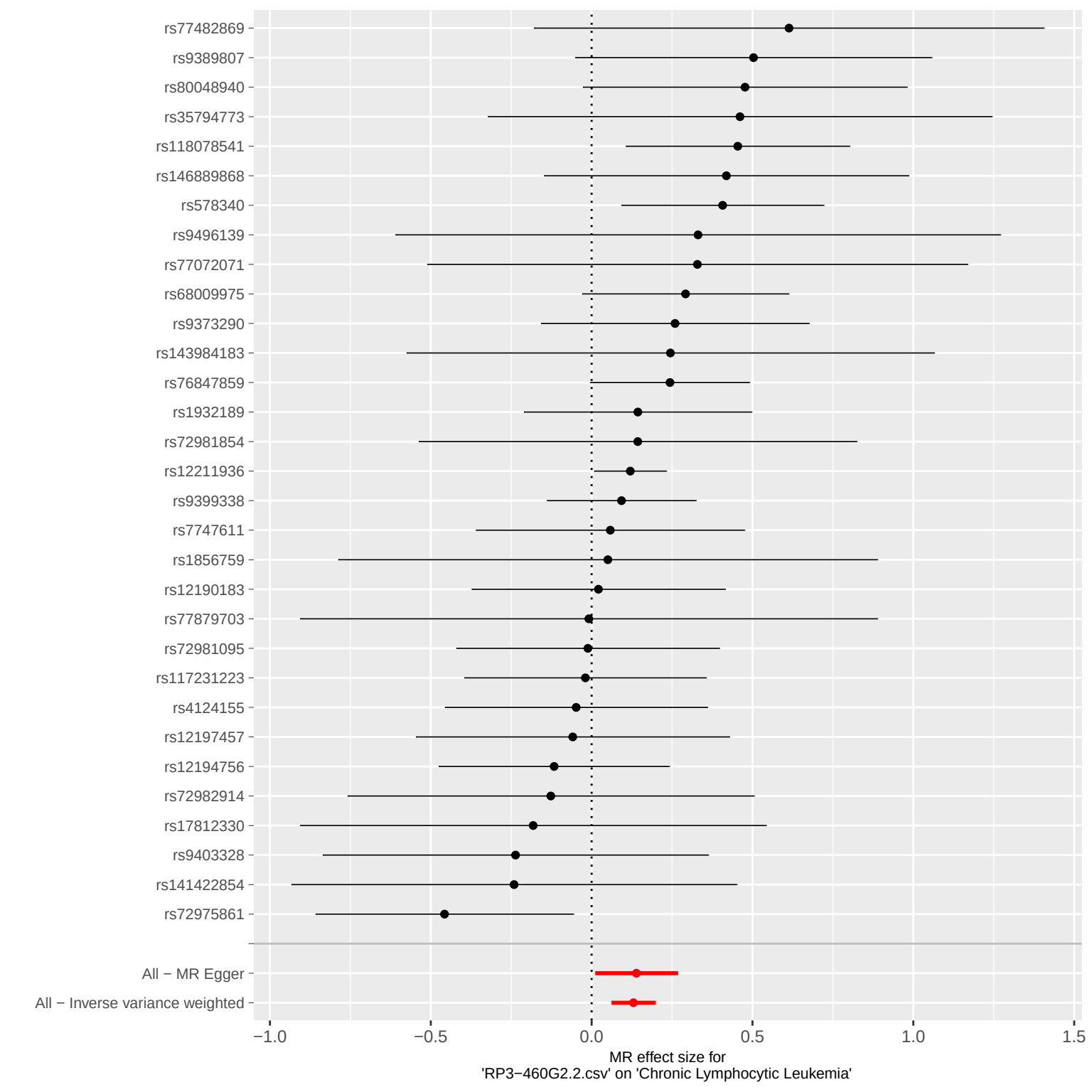
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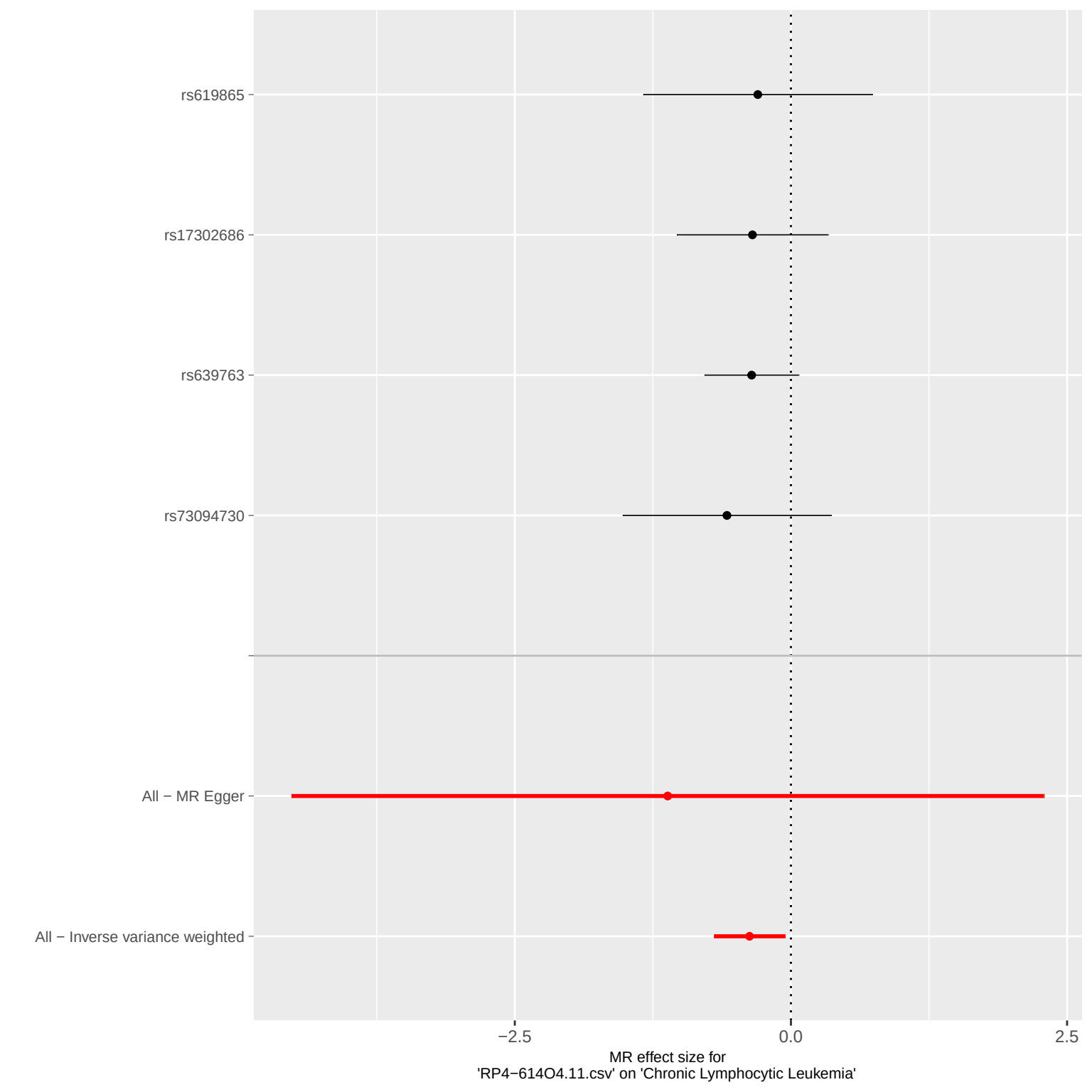
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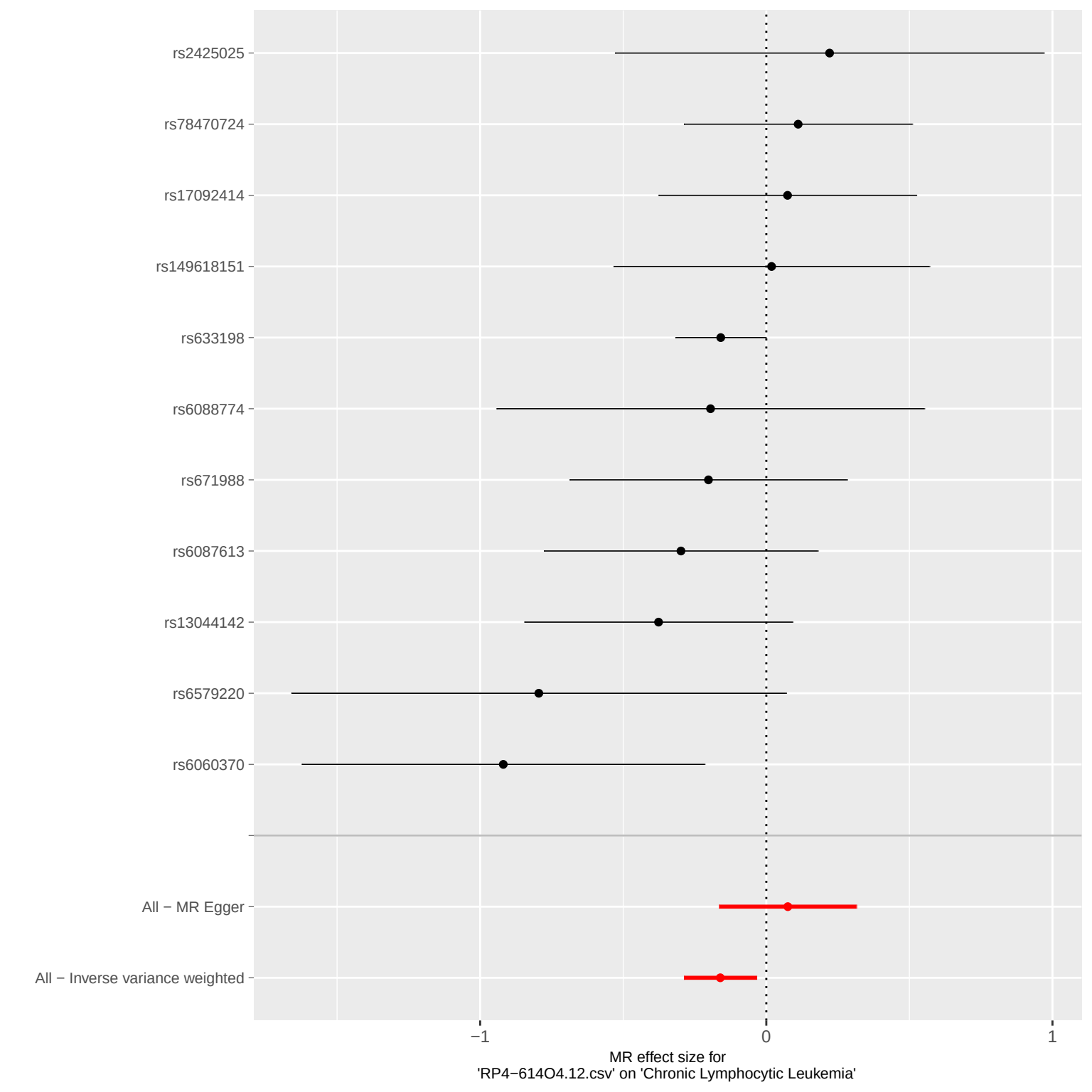
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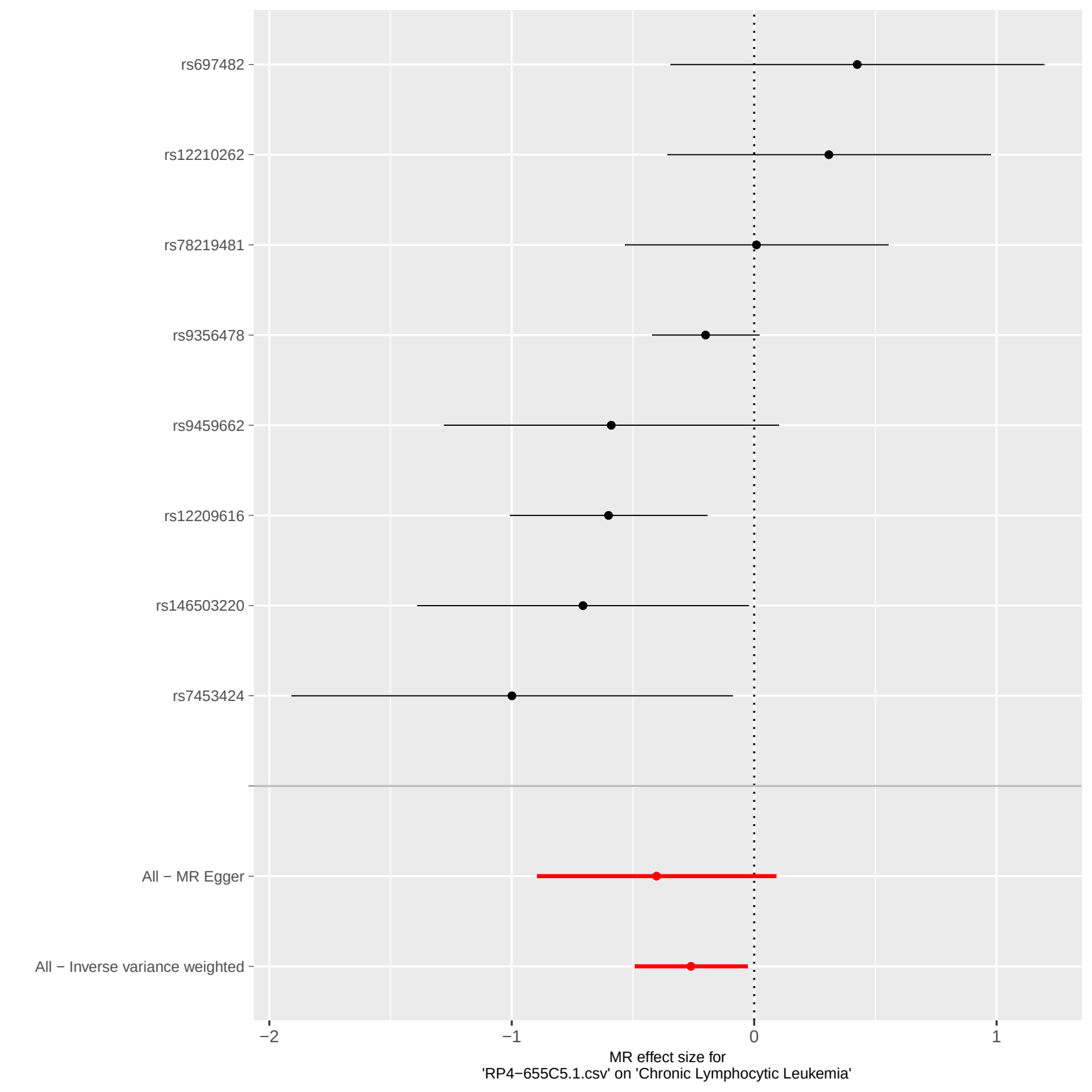
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MR effect size for
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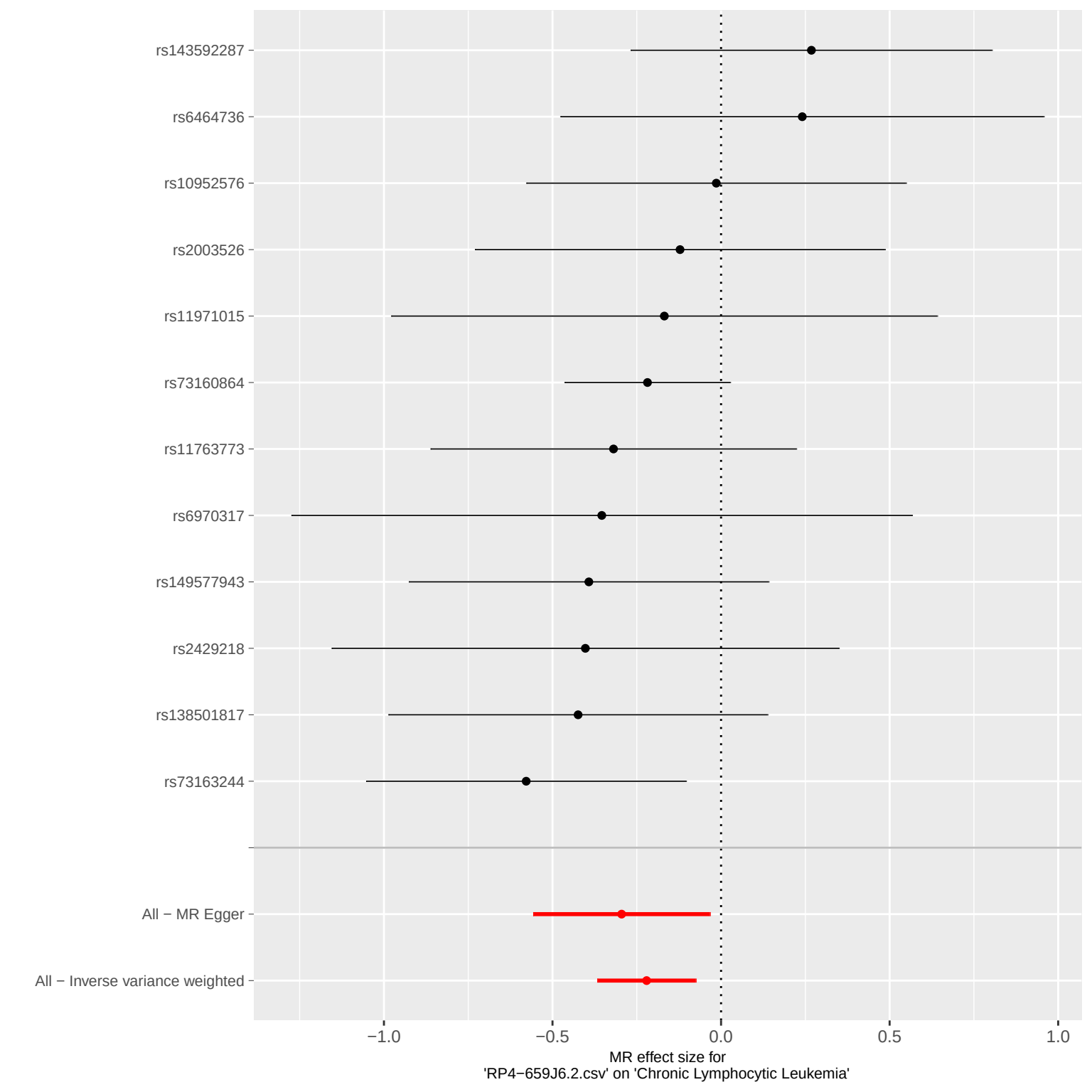
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All − Inverse variance weighted
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MR effect size for
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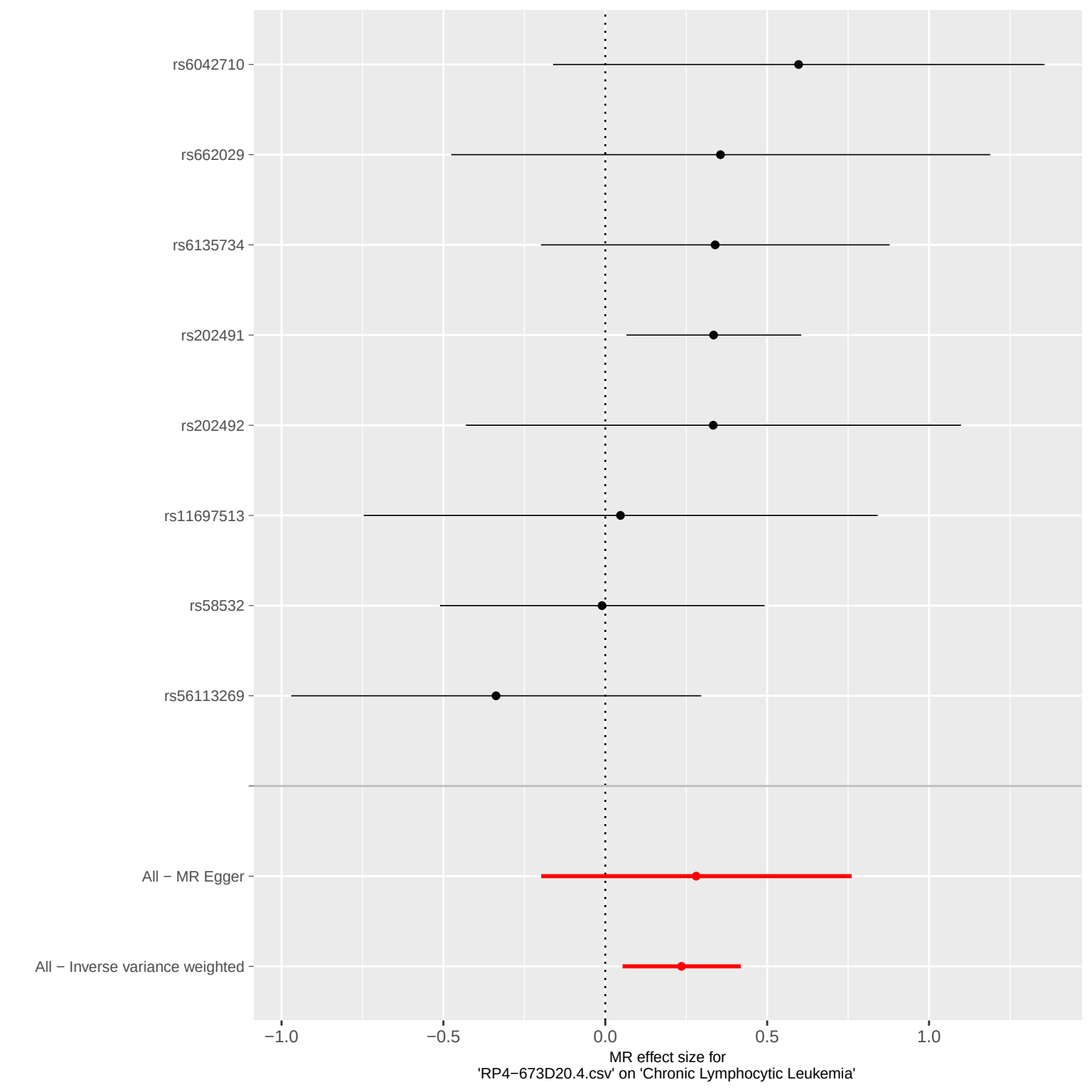
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MR effect size for
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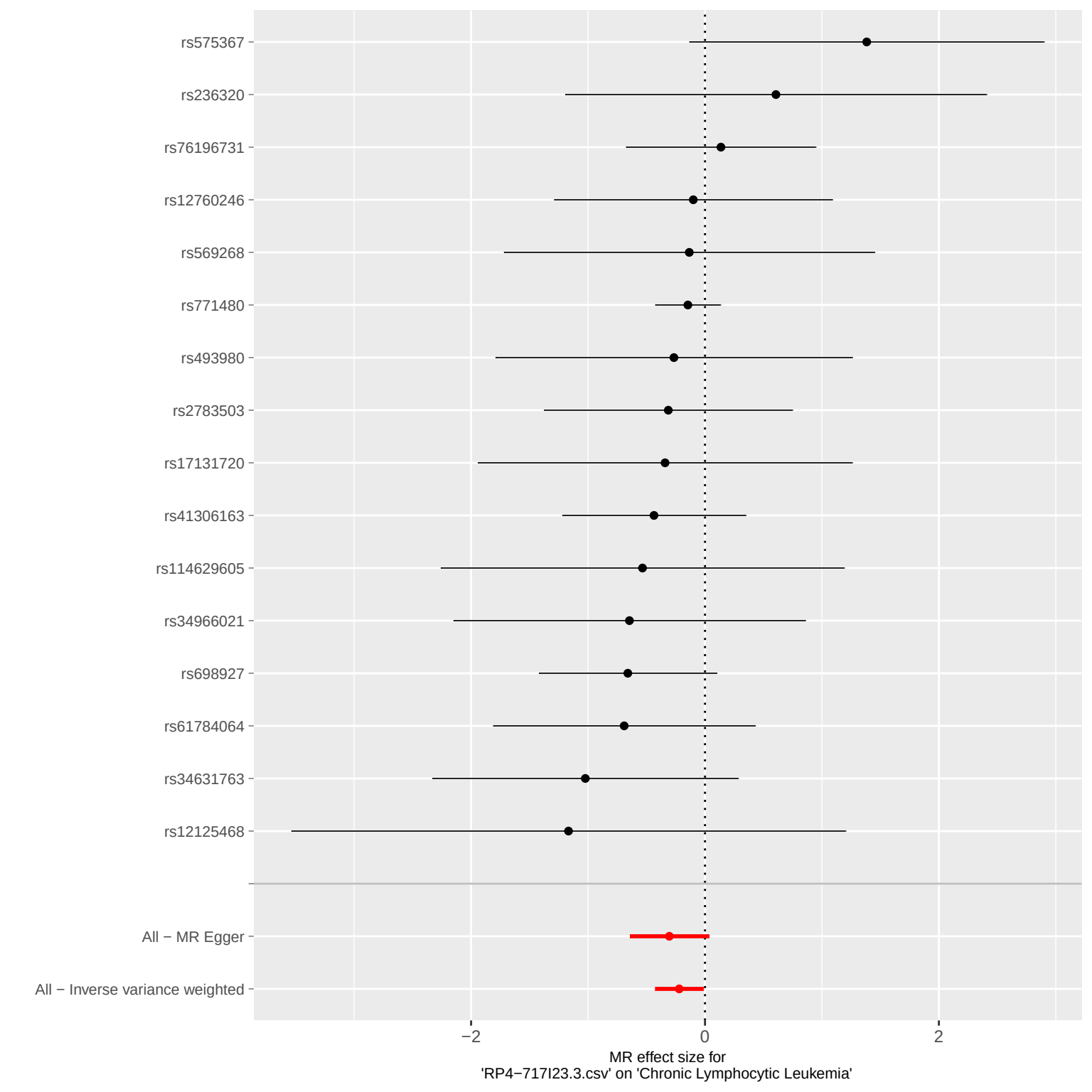
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All − Inverse variance weighted
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2
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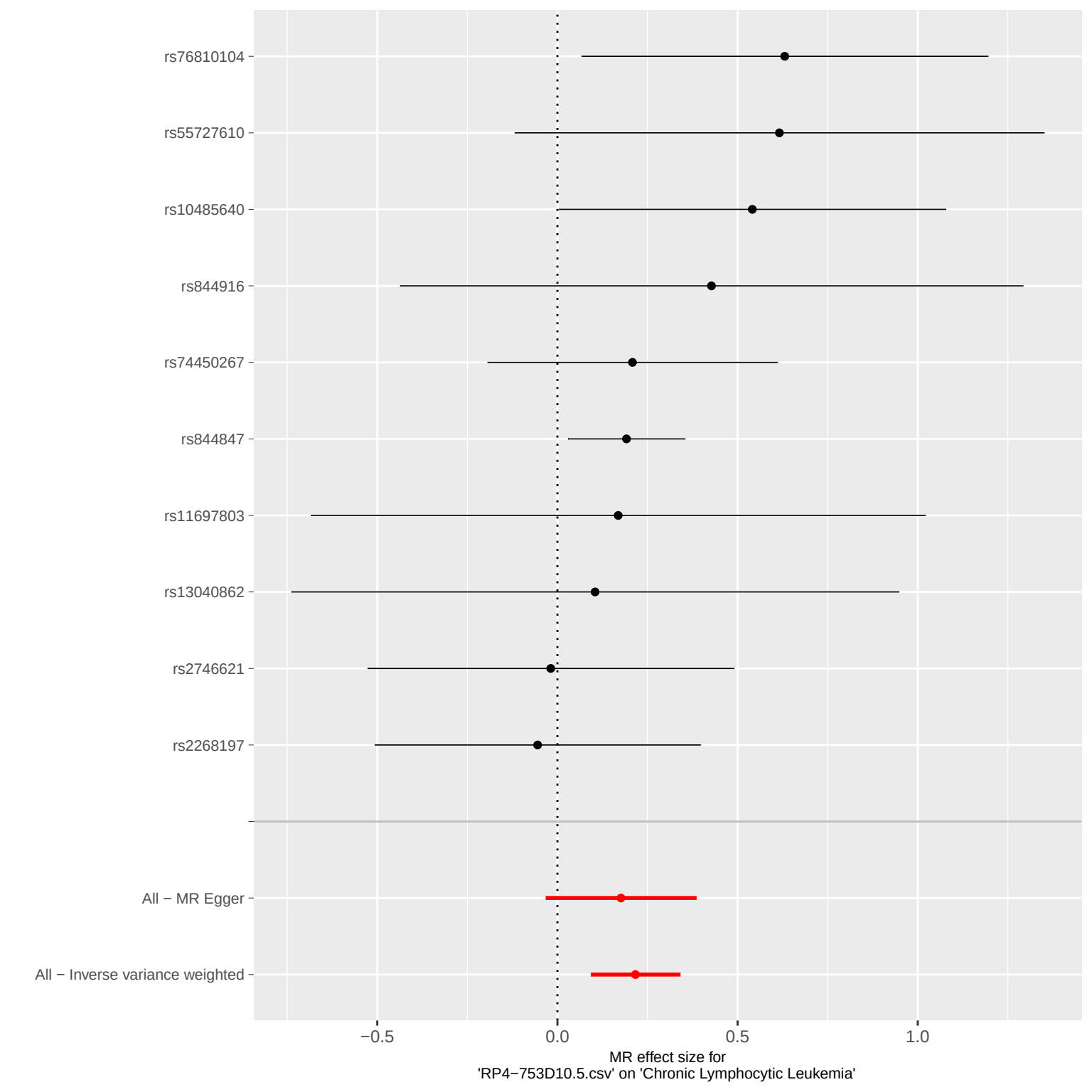
'RP4−717I23.3.csv' on 'Chronic Lymphocytic Leukemia'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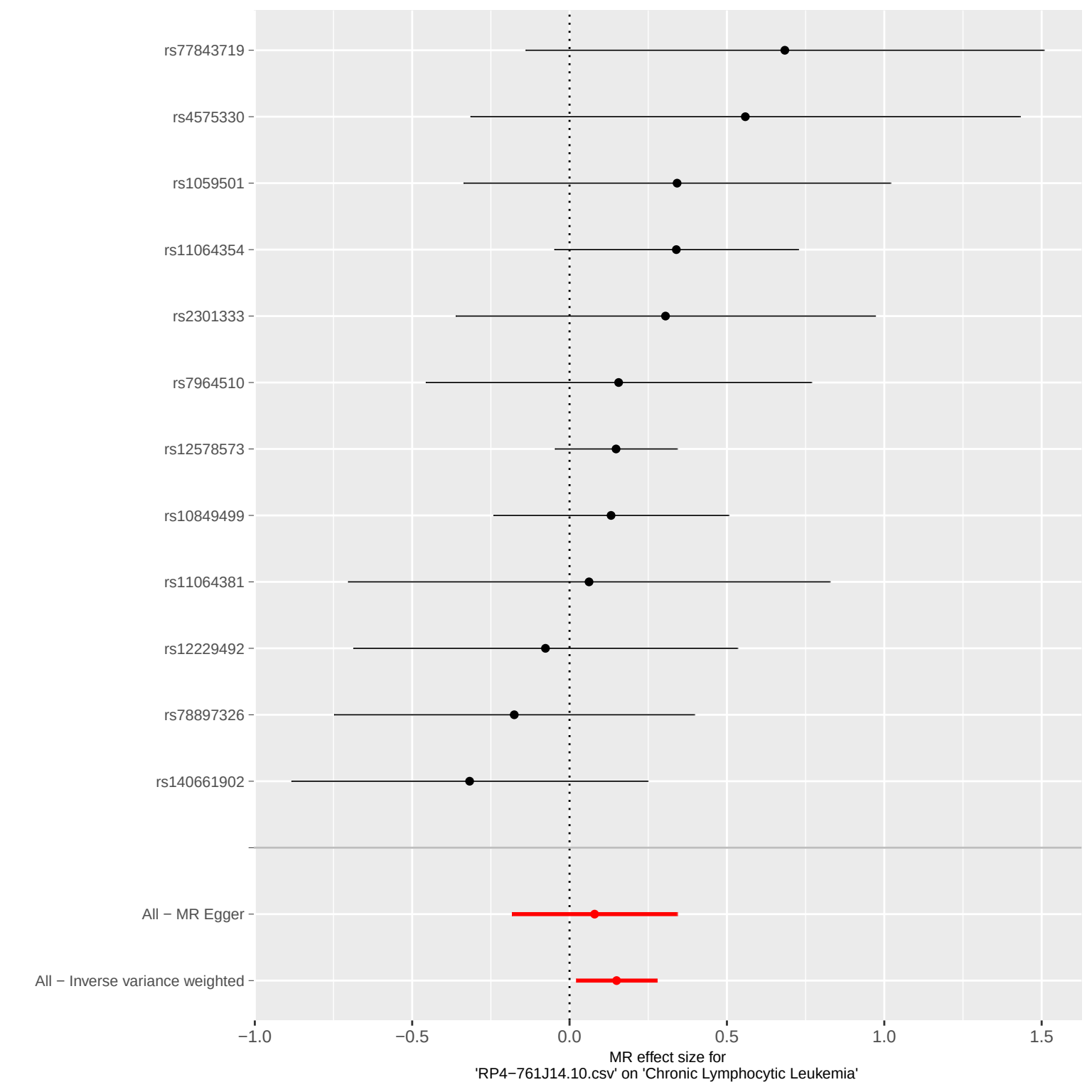
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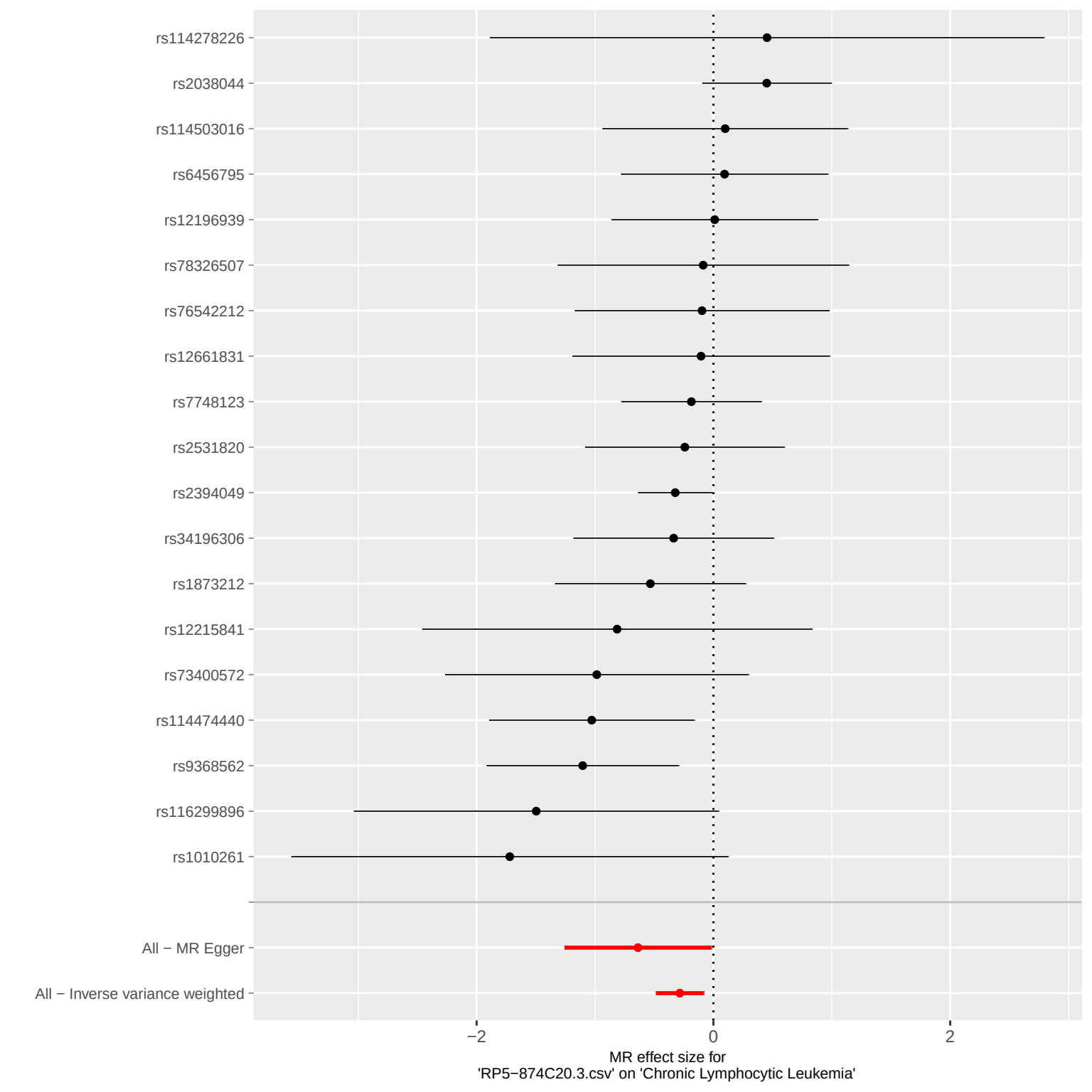
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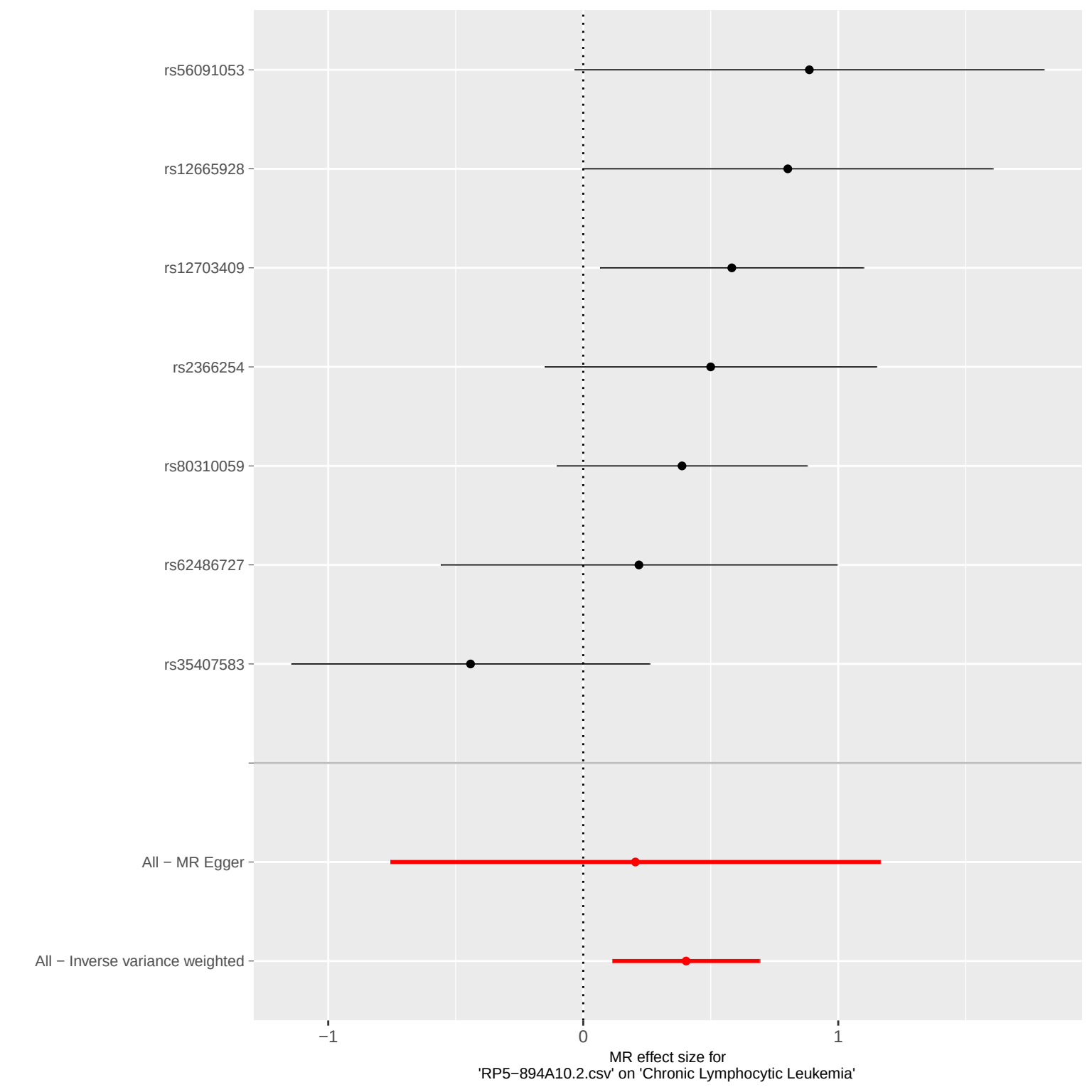
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MR effect size for
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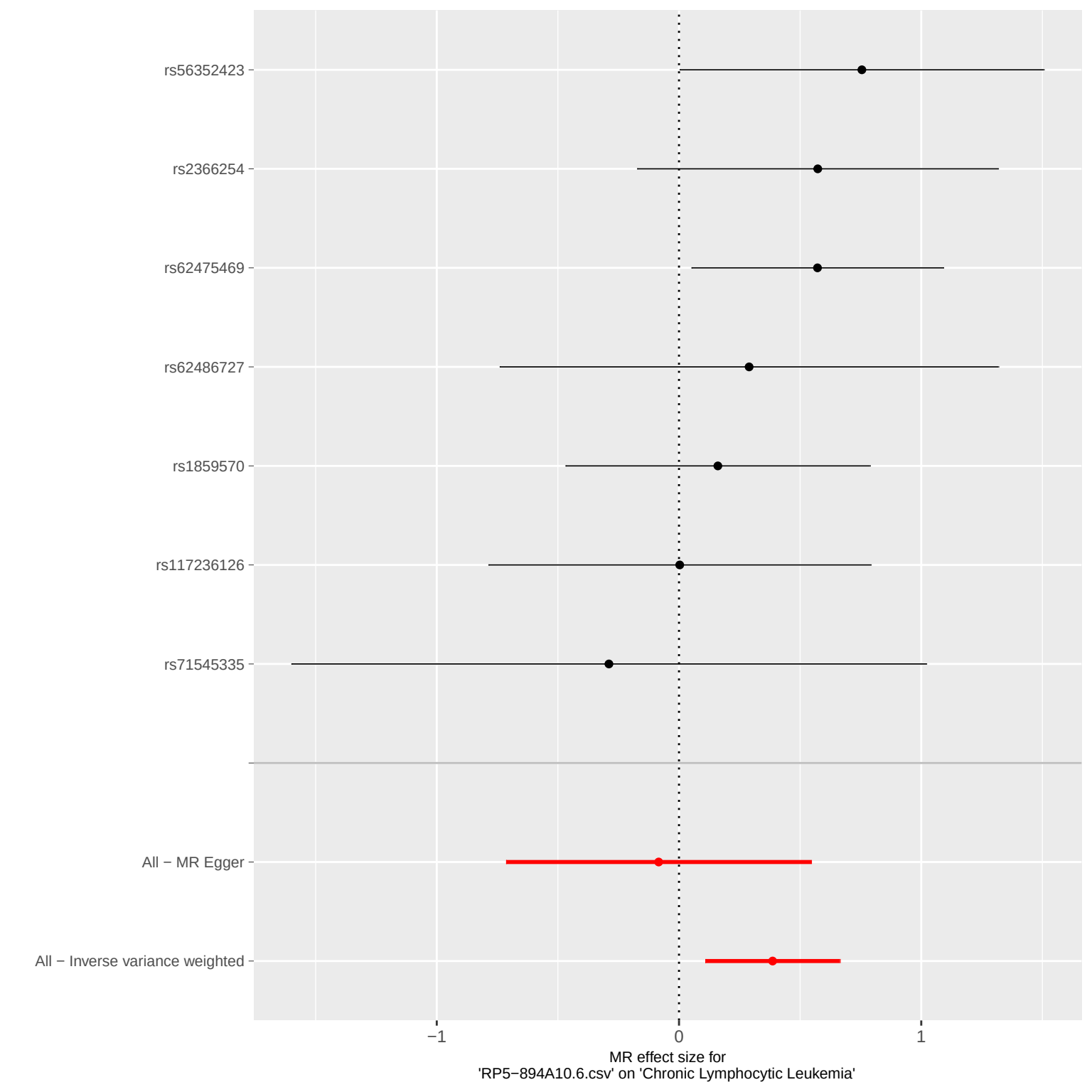
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All − Inverse variance weighted
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MR effect size for
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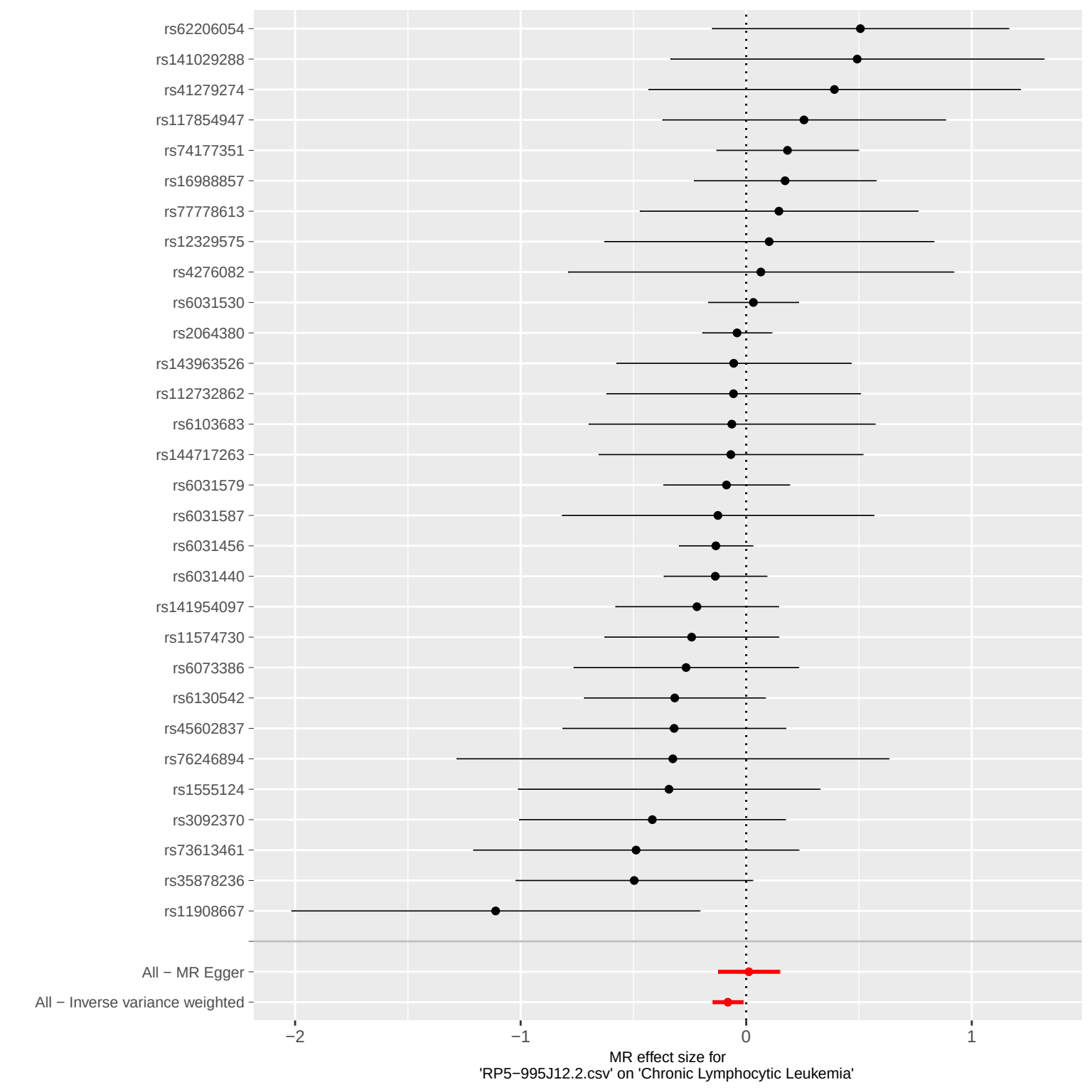
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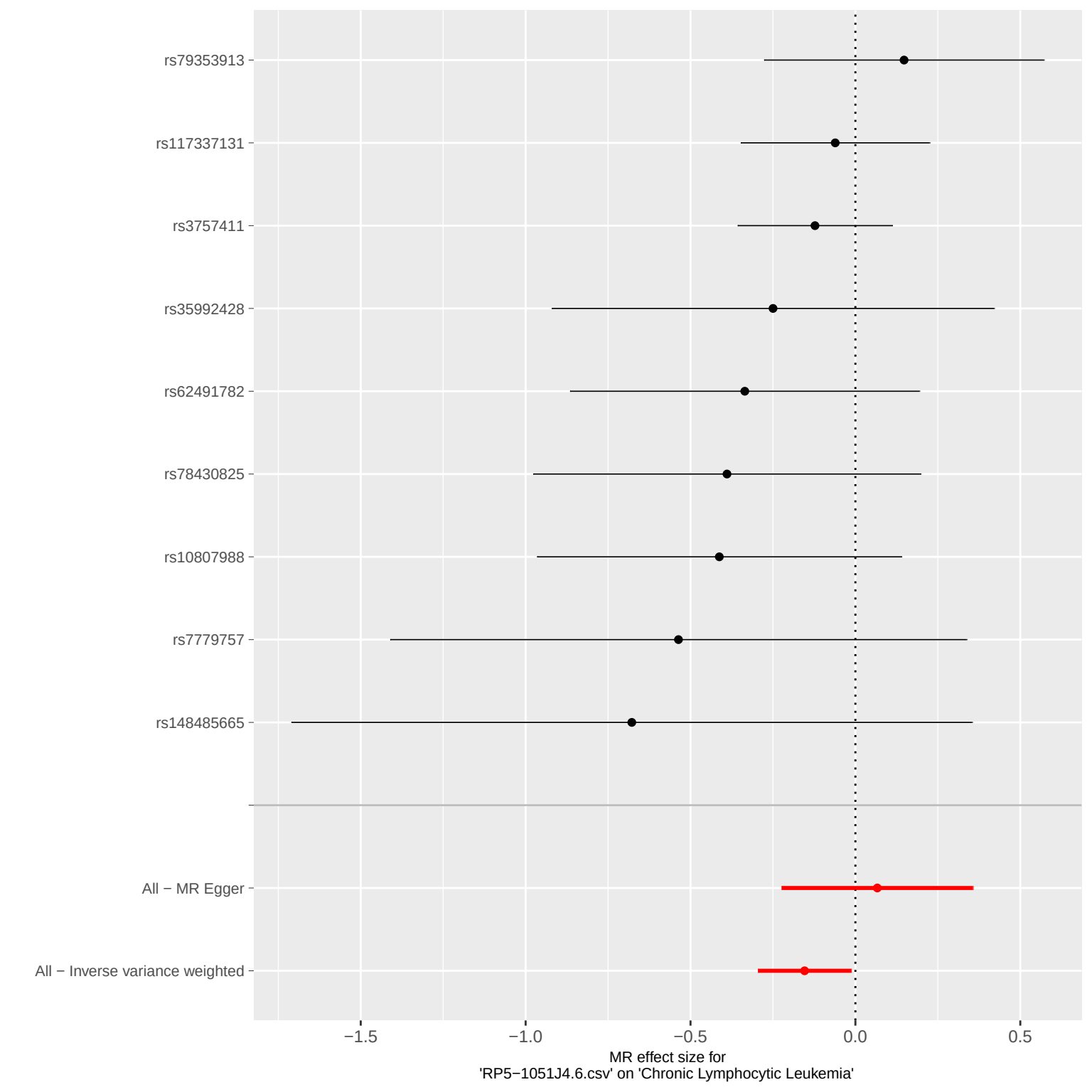
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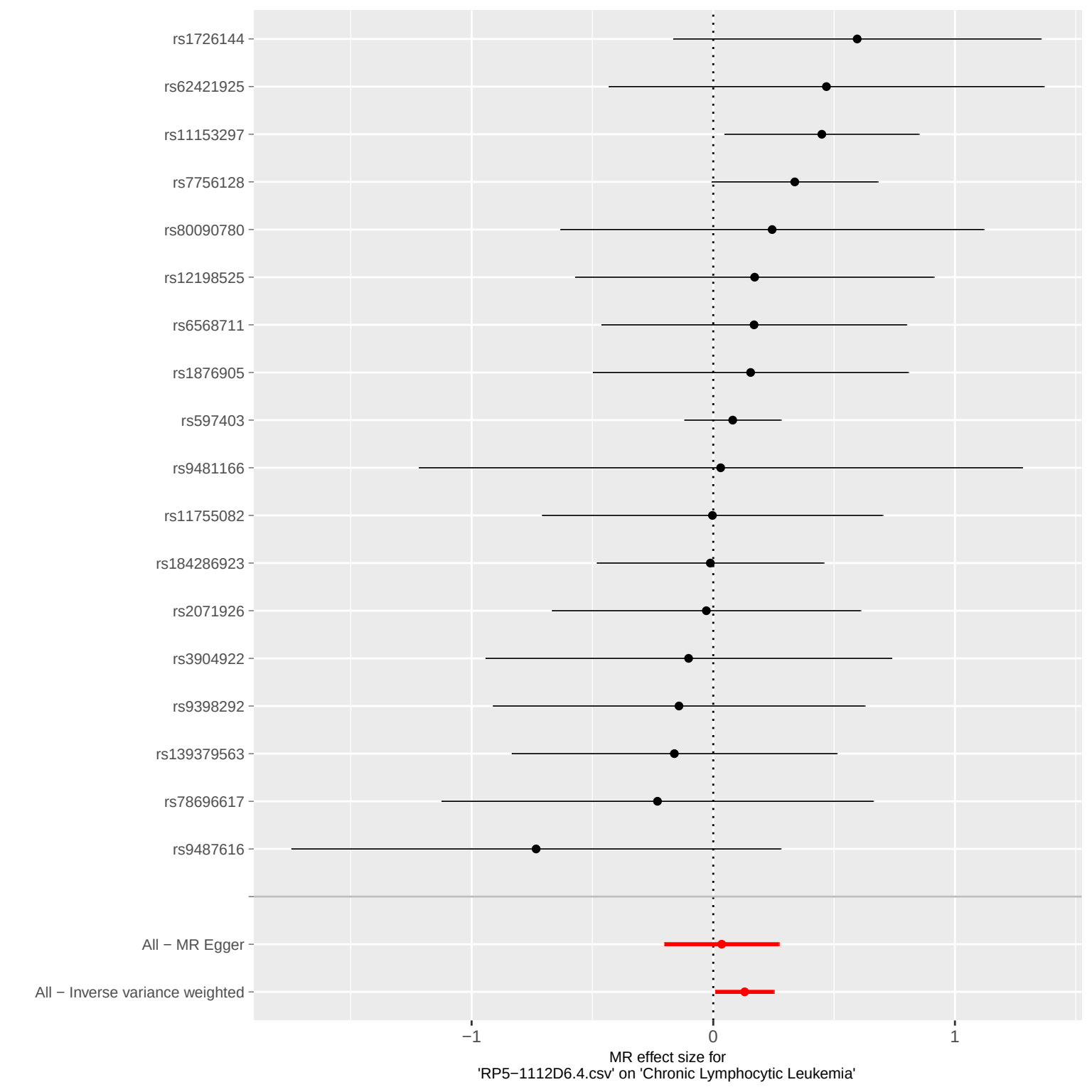
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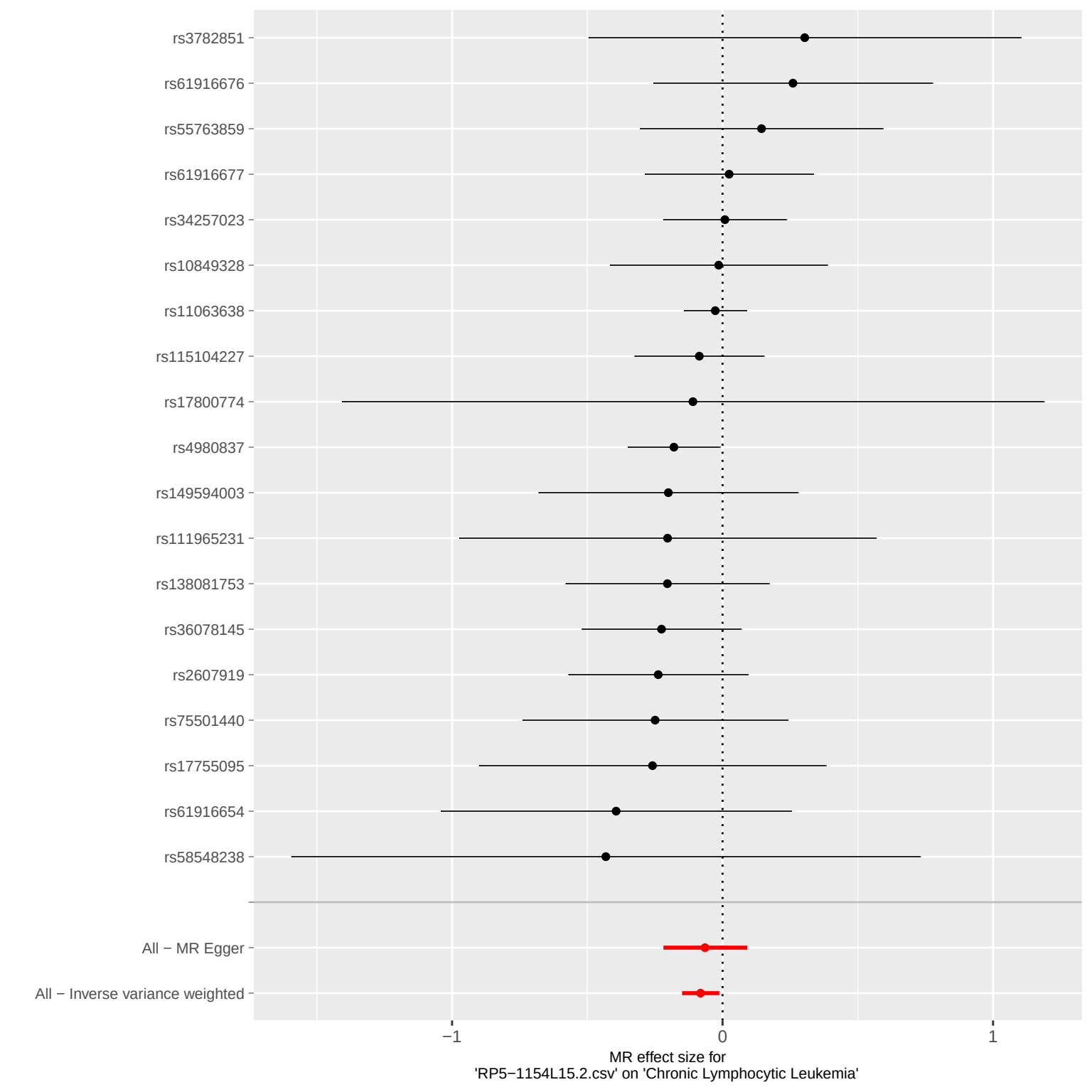
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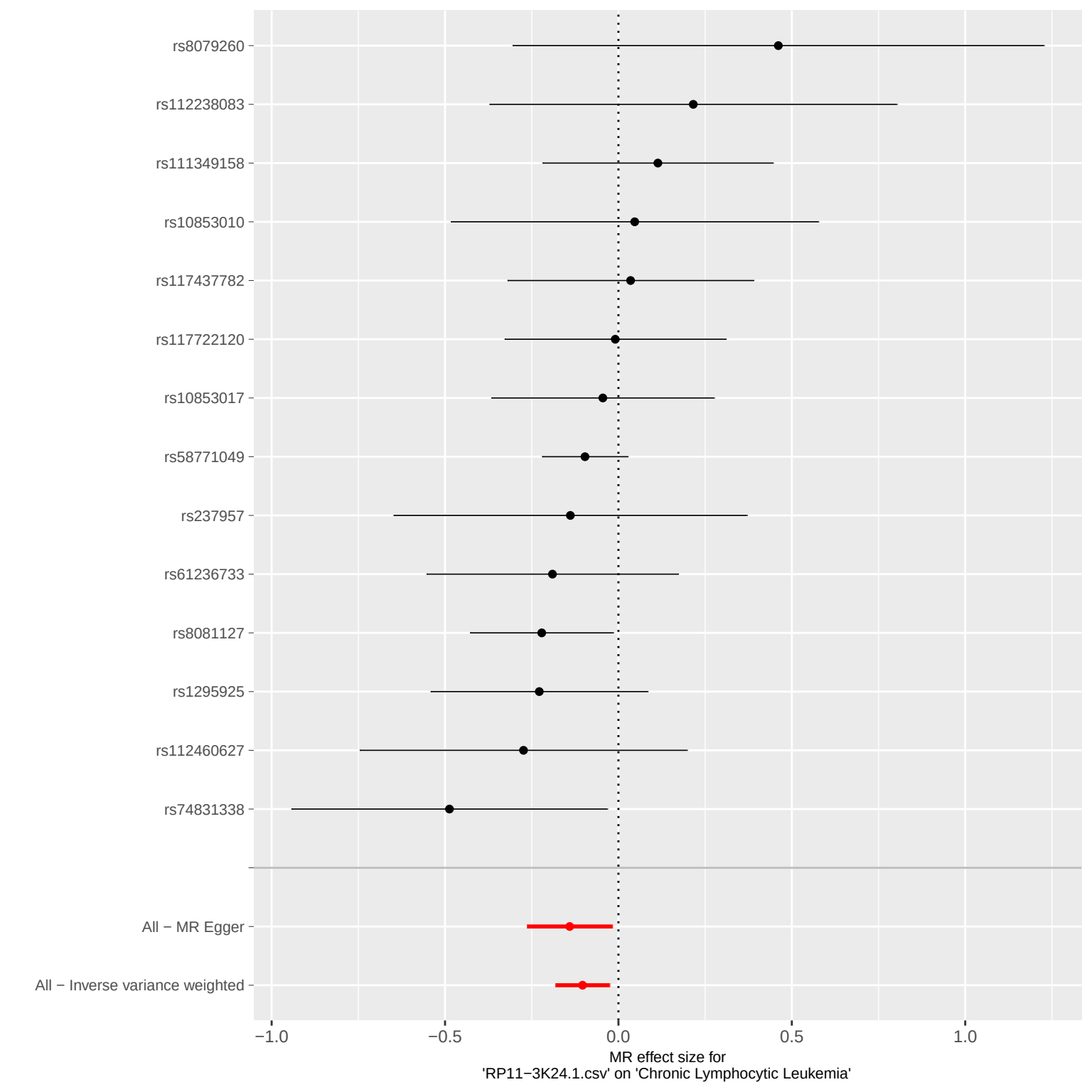
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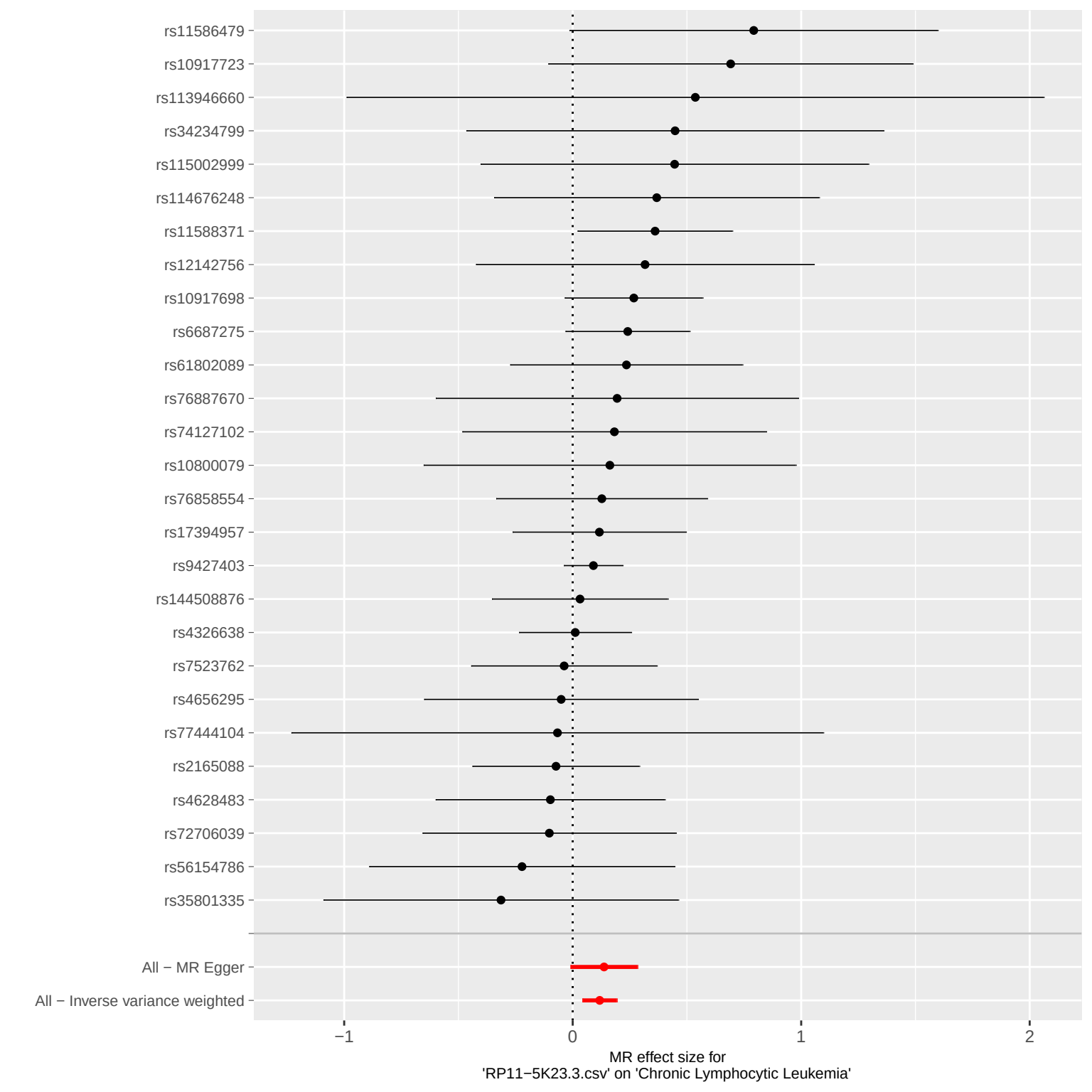
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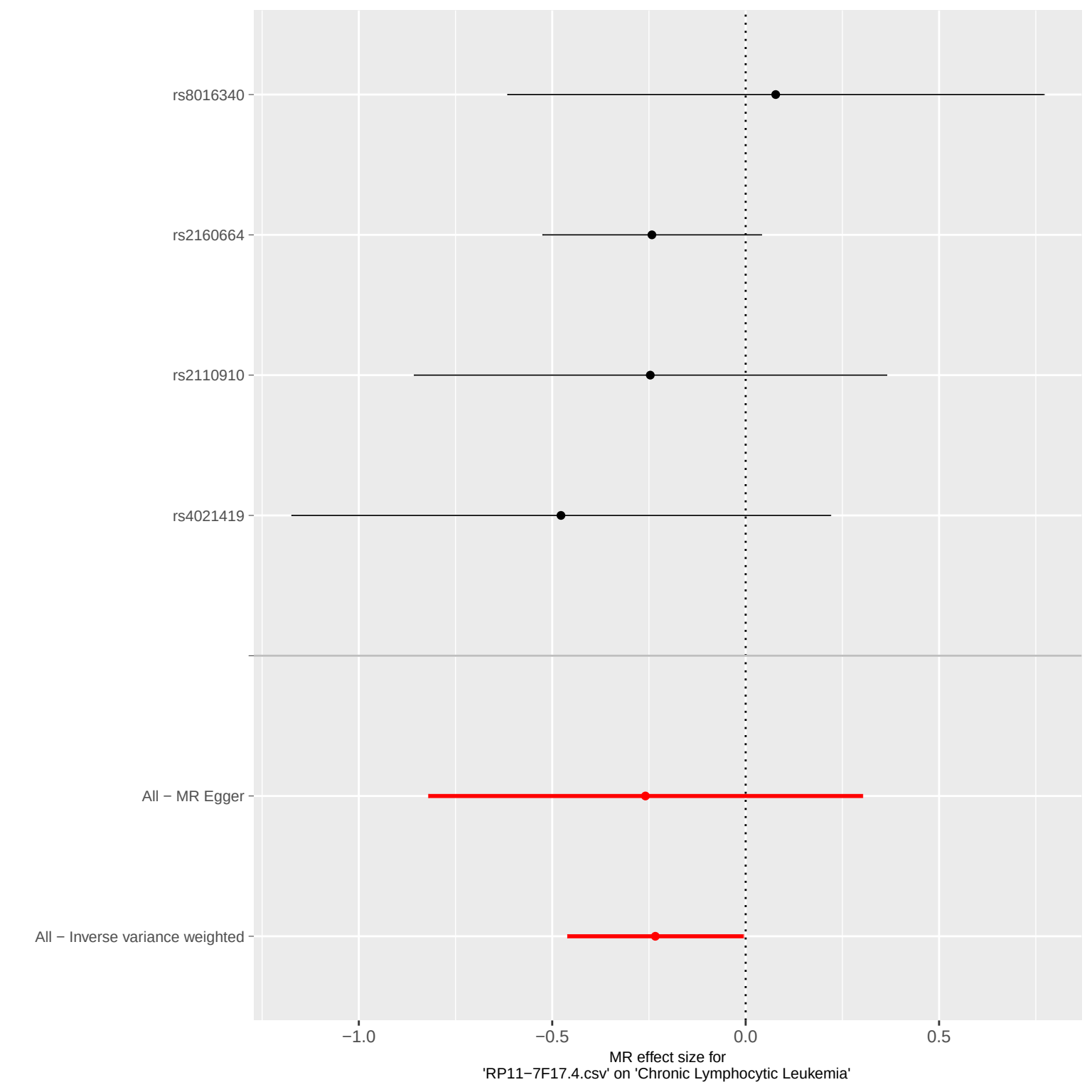
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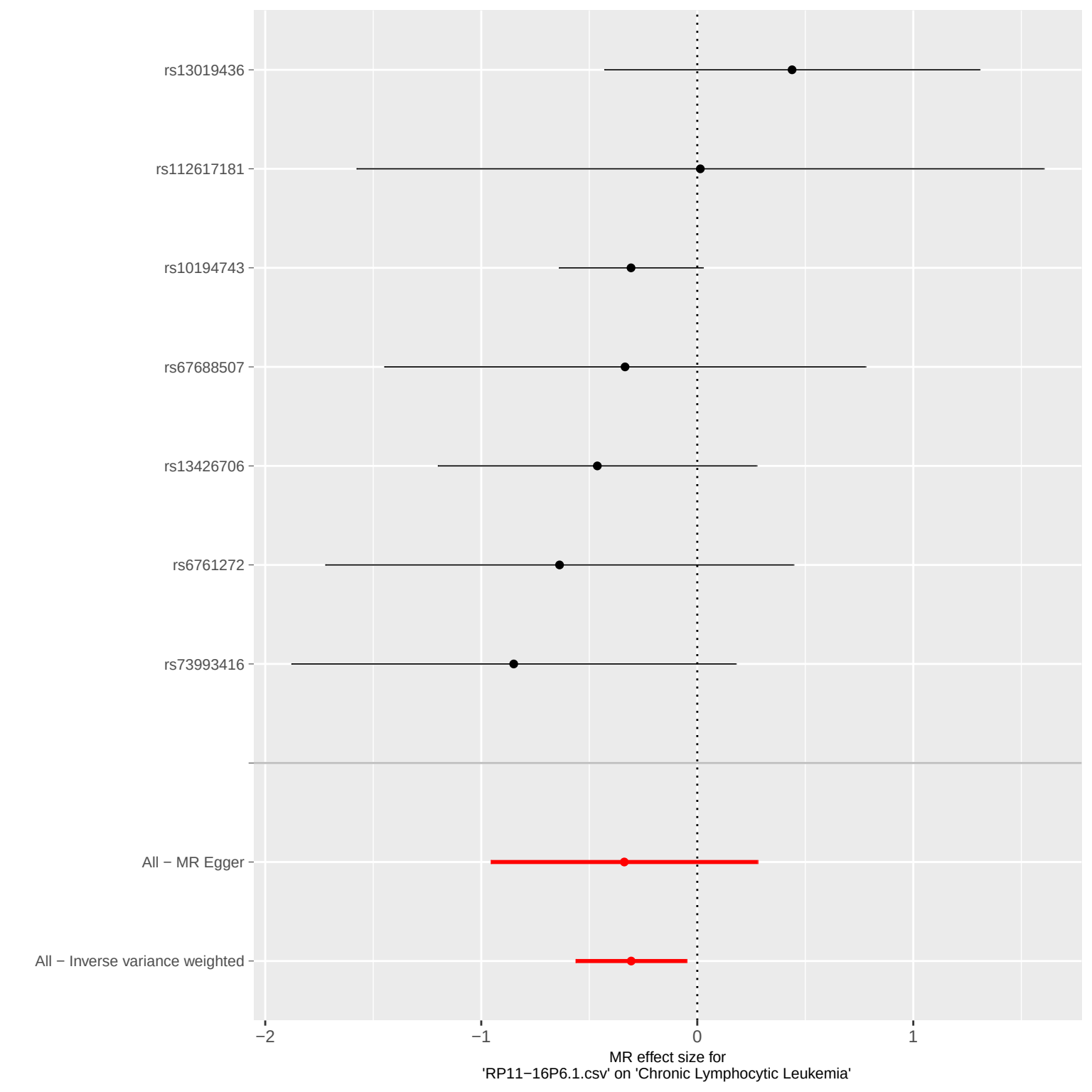
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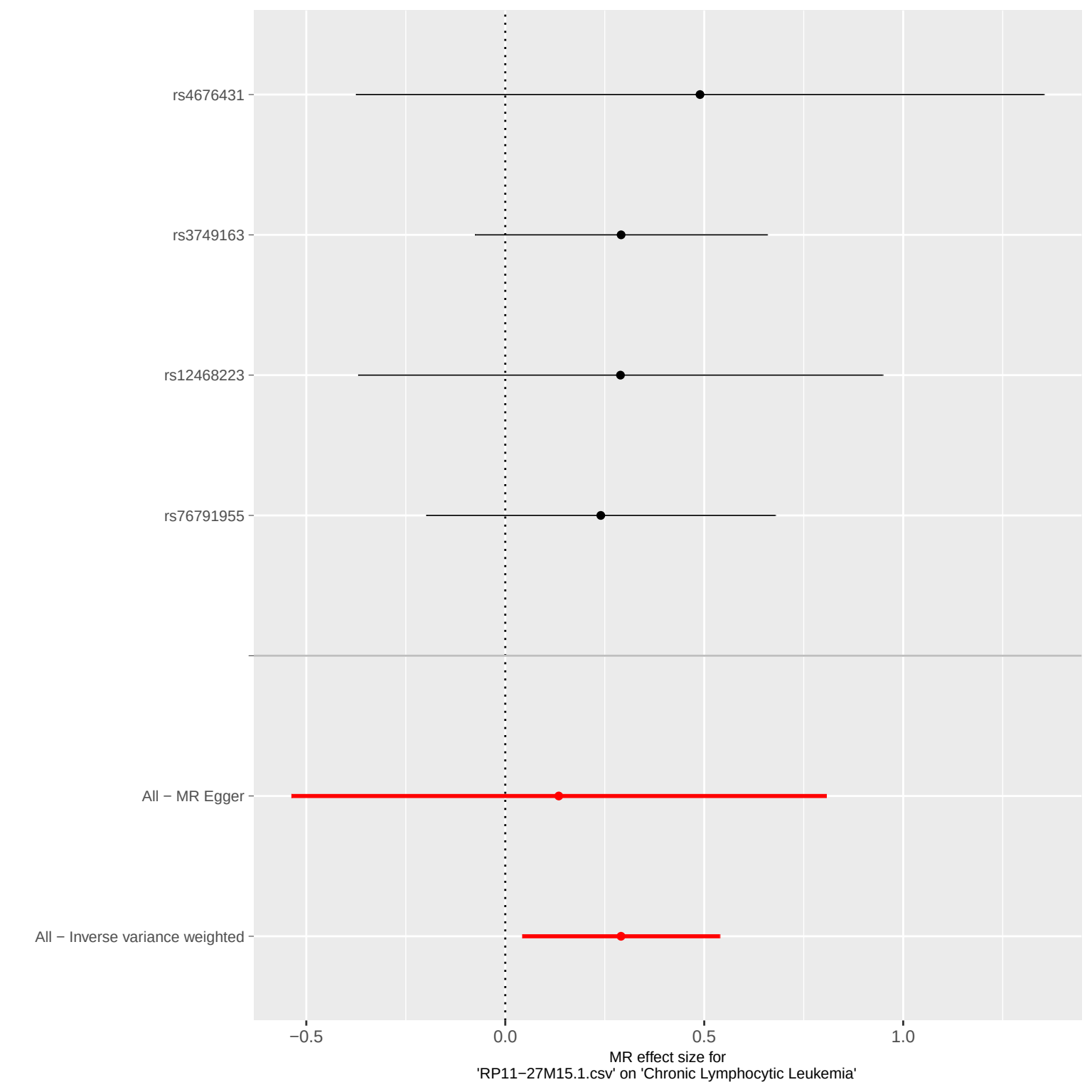
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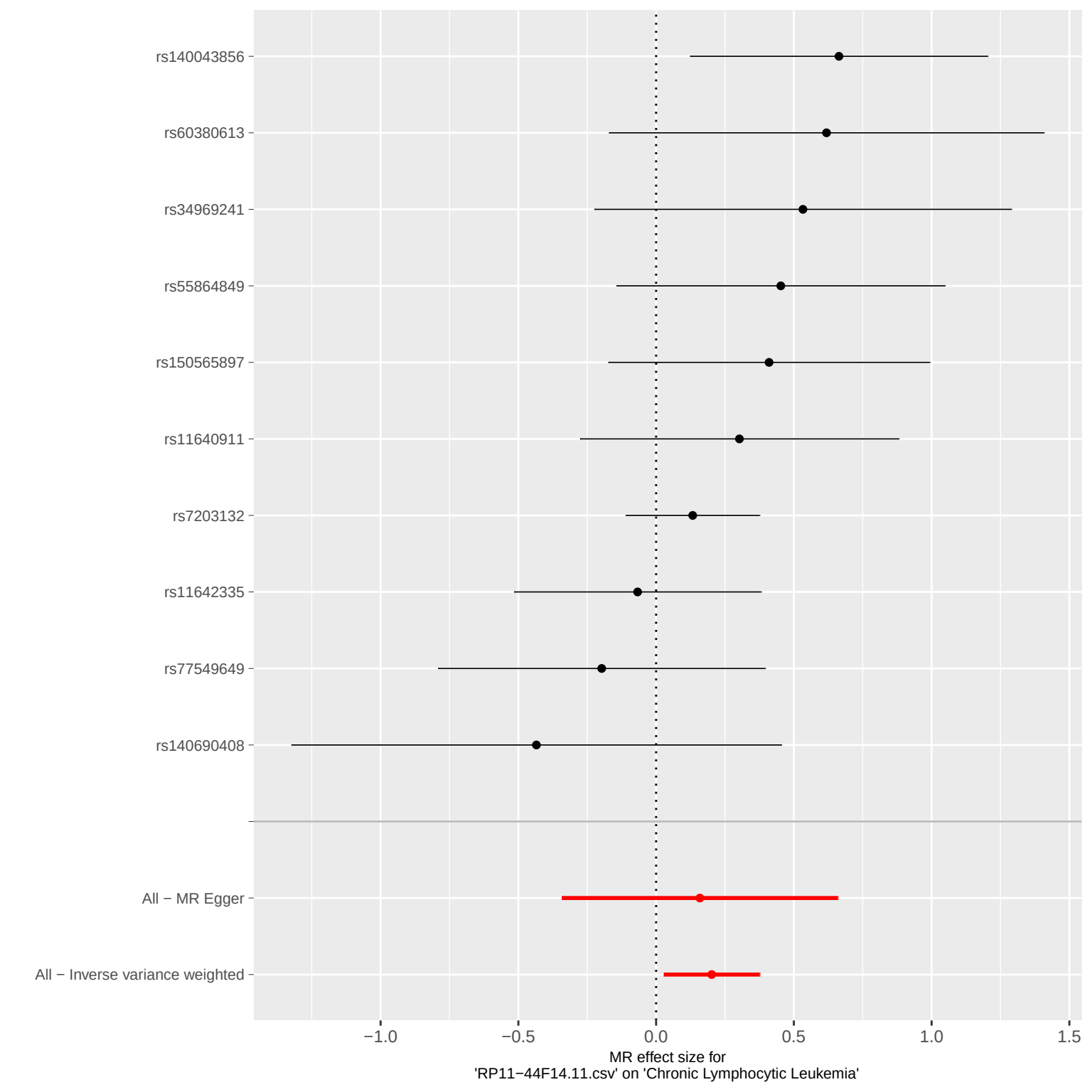
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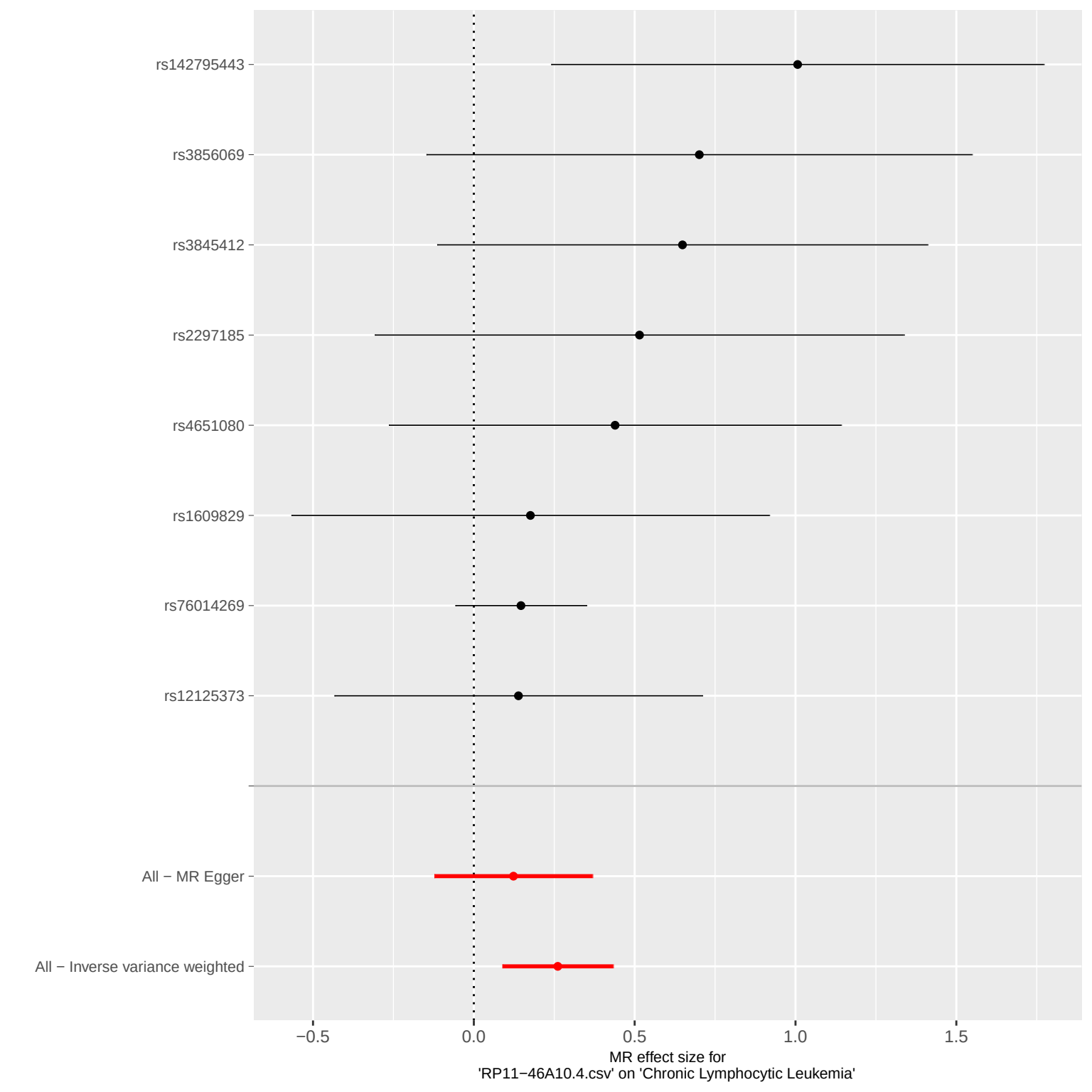
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MR effect size for
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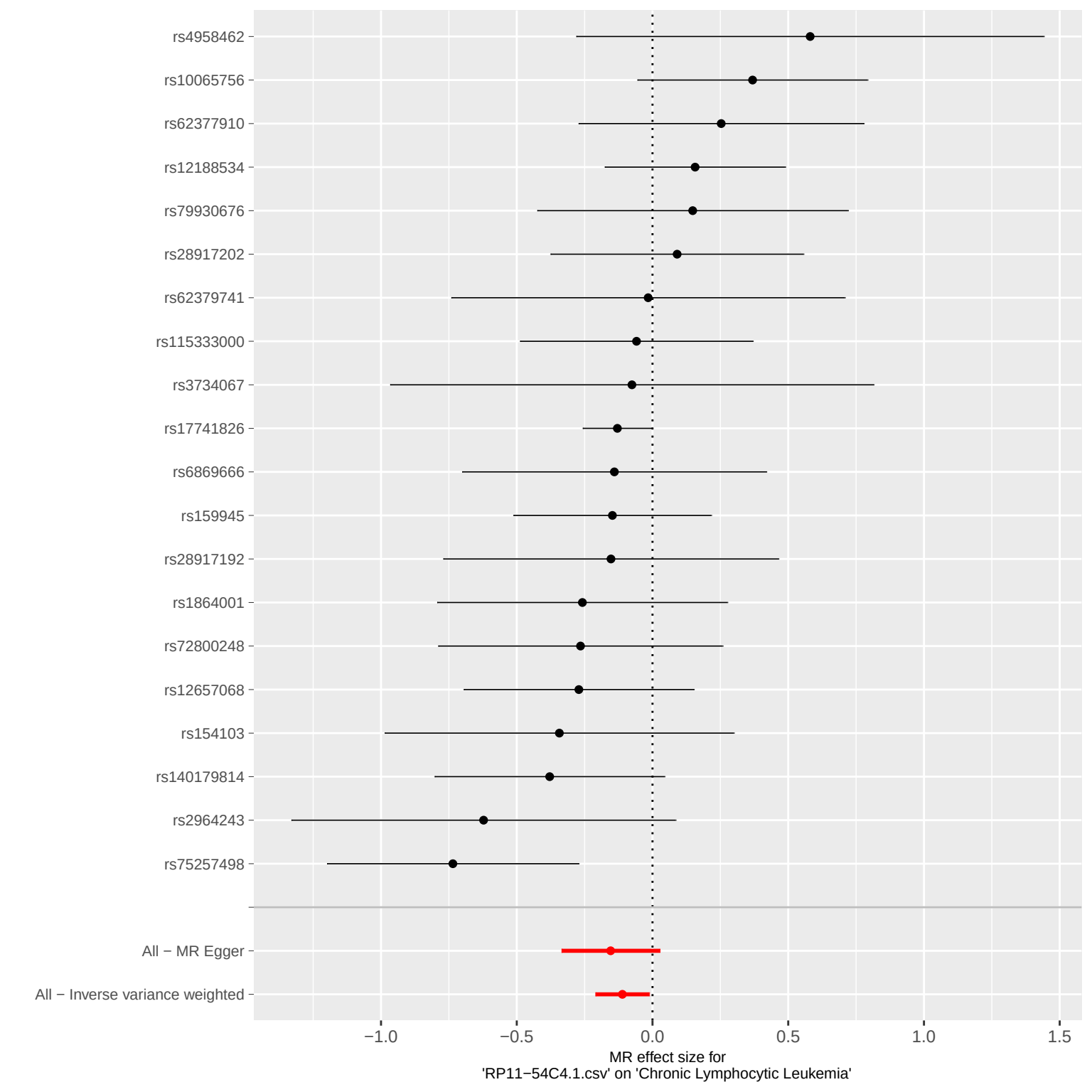
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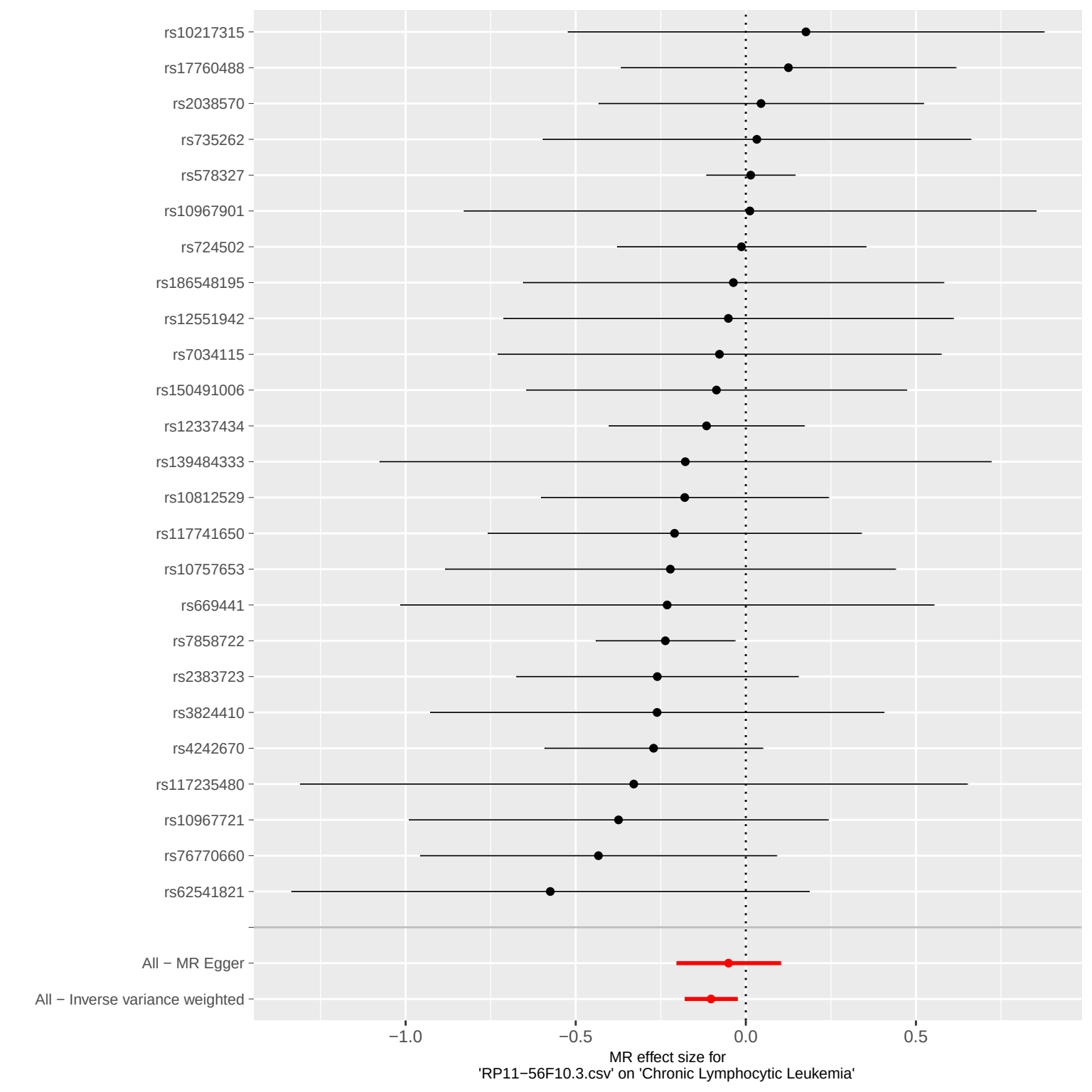
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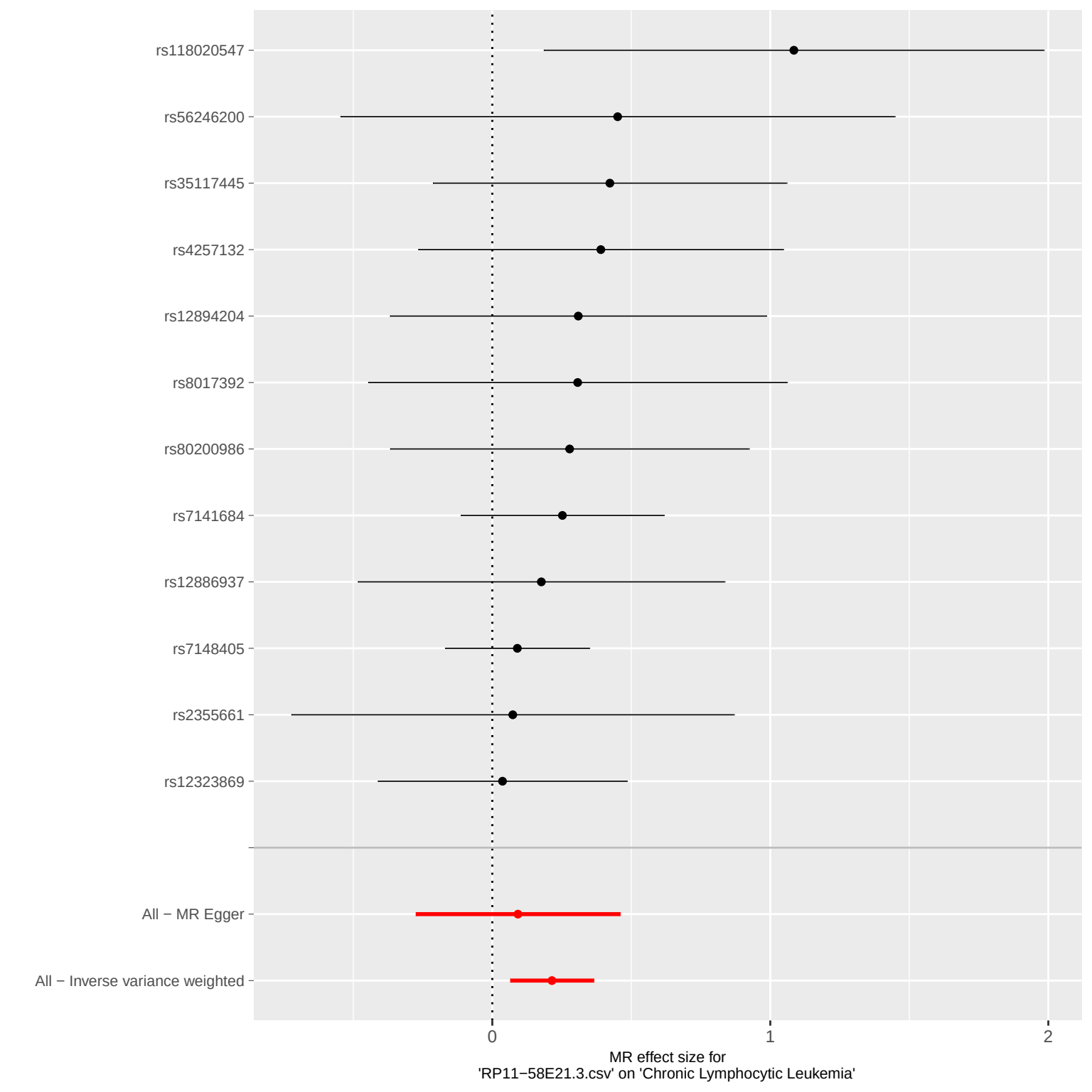
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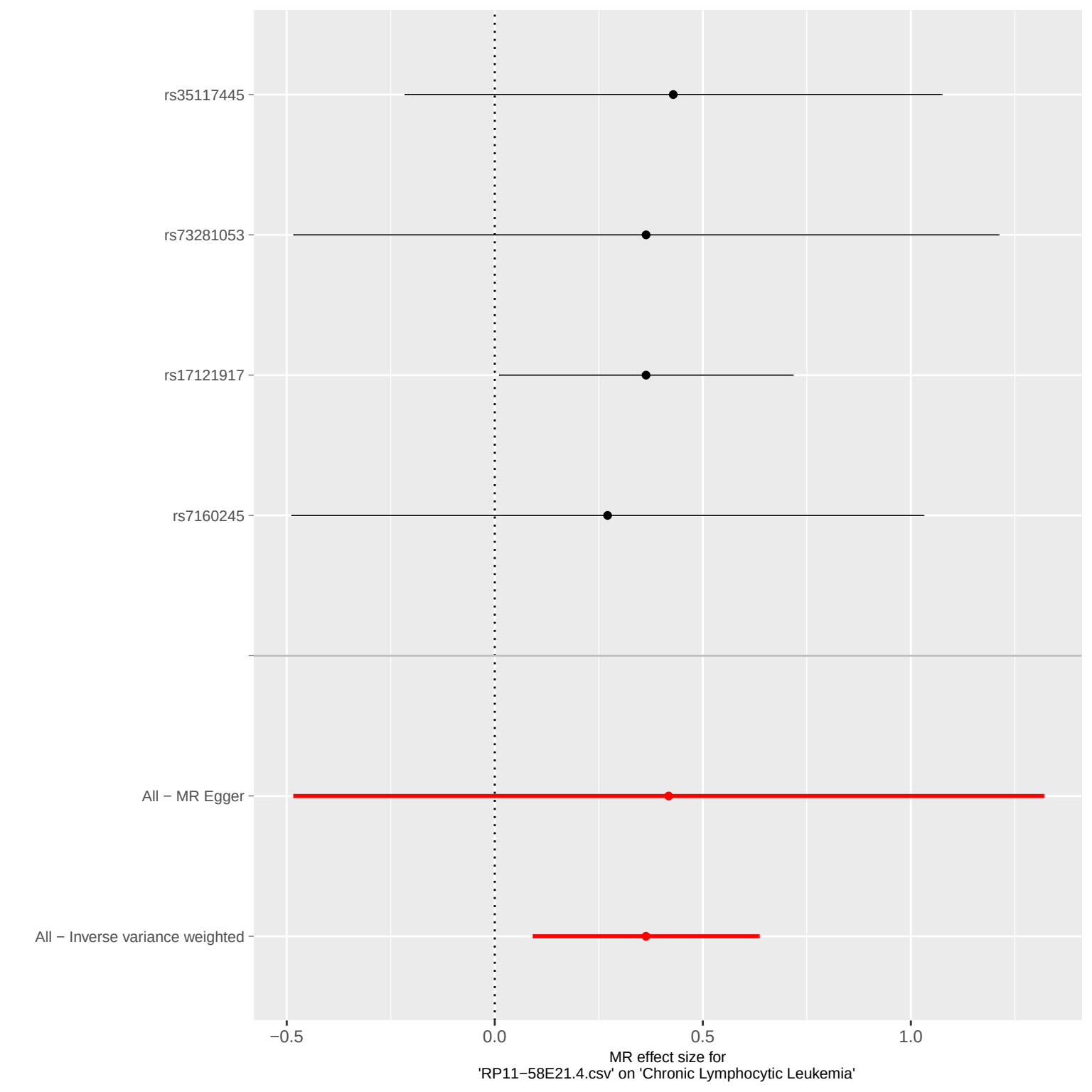
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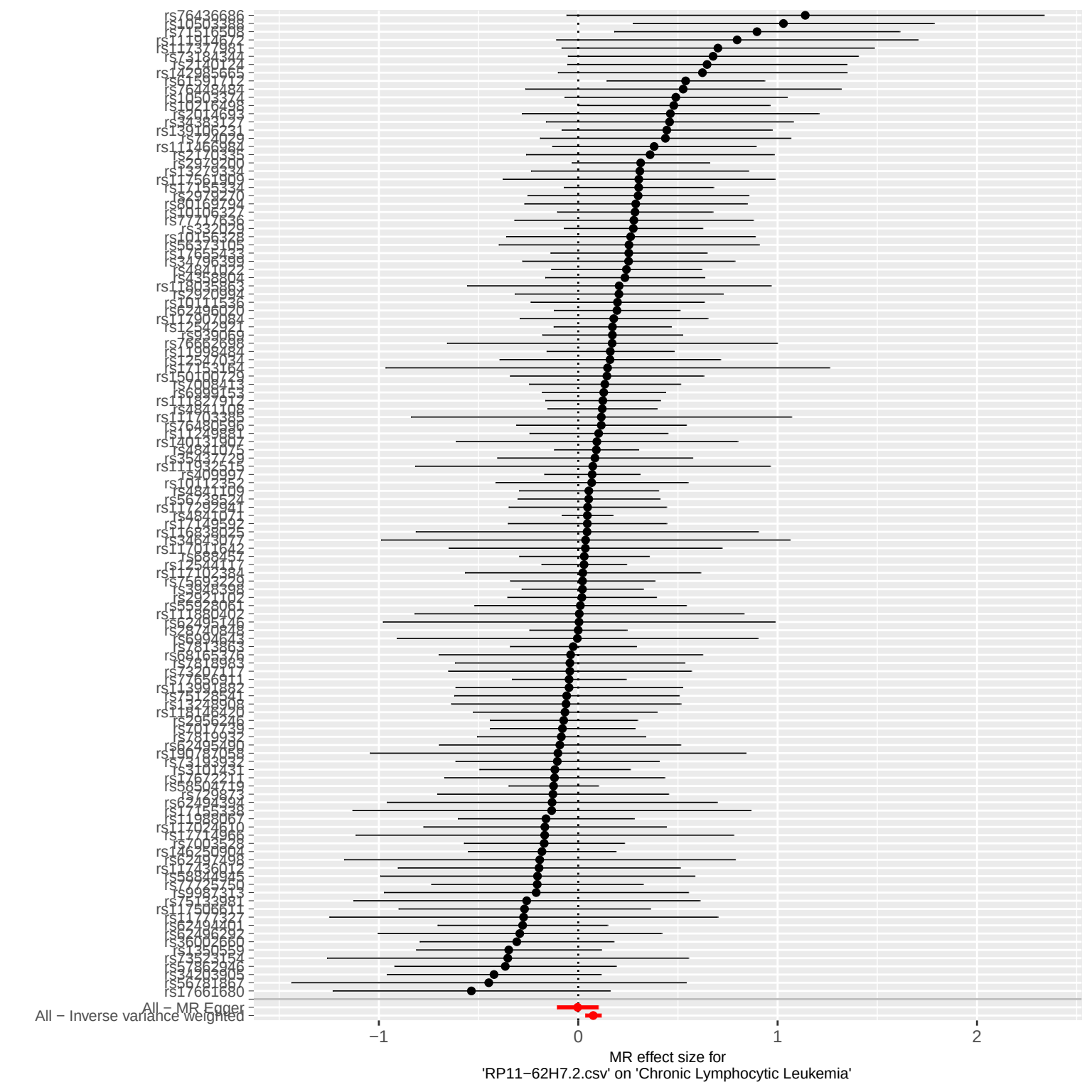
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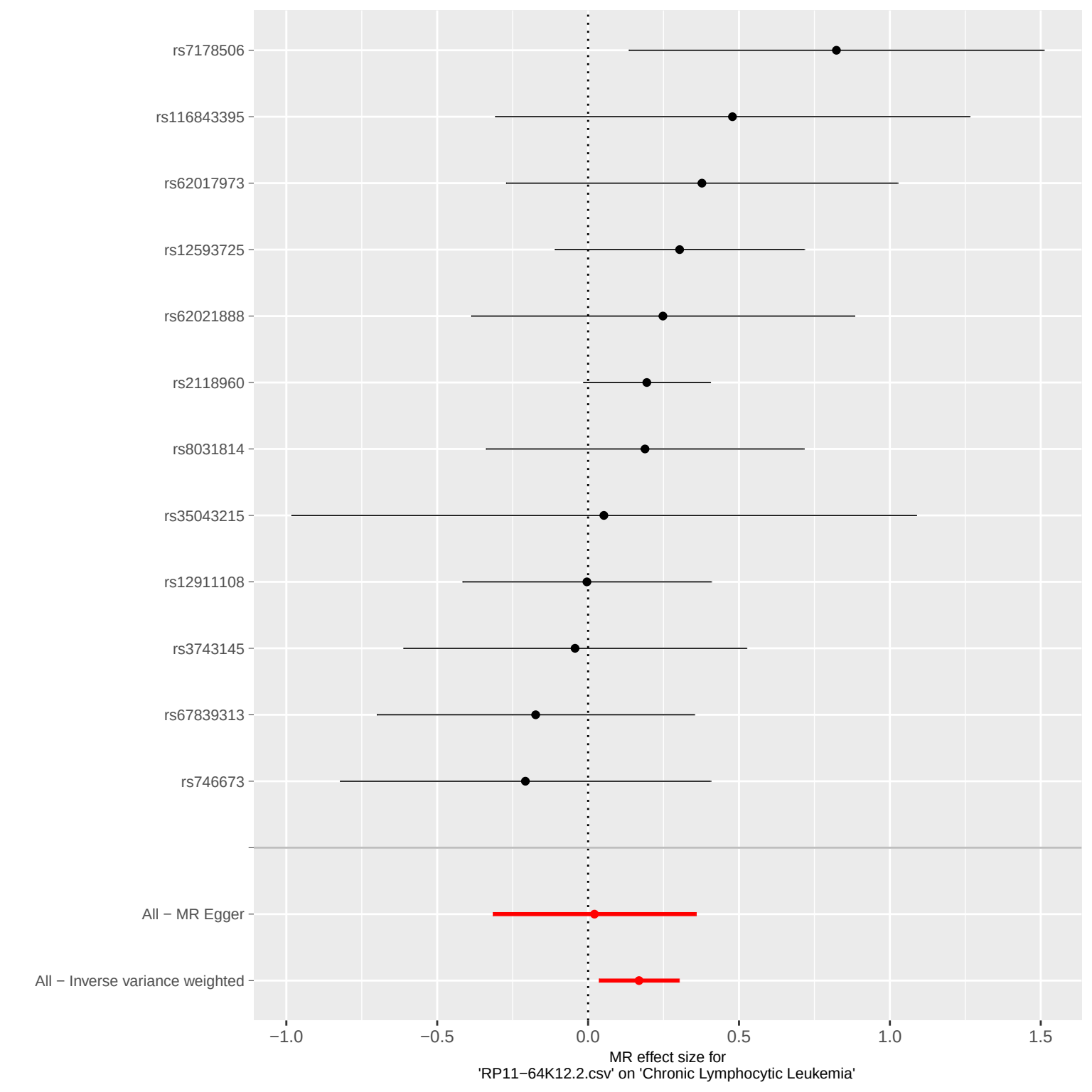
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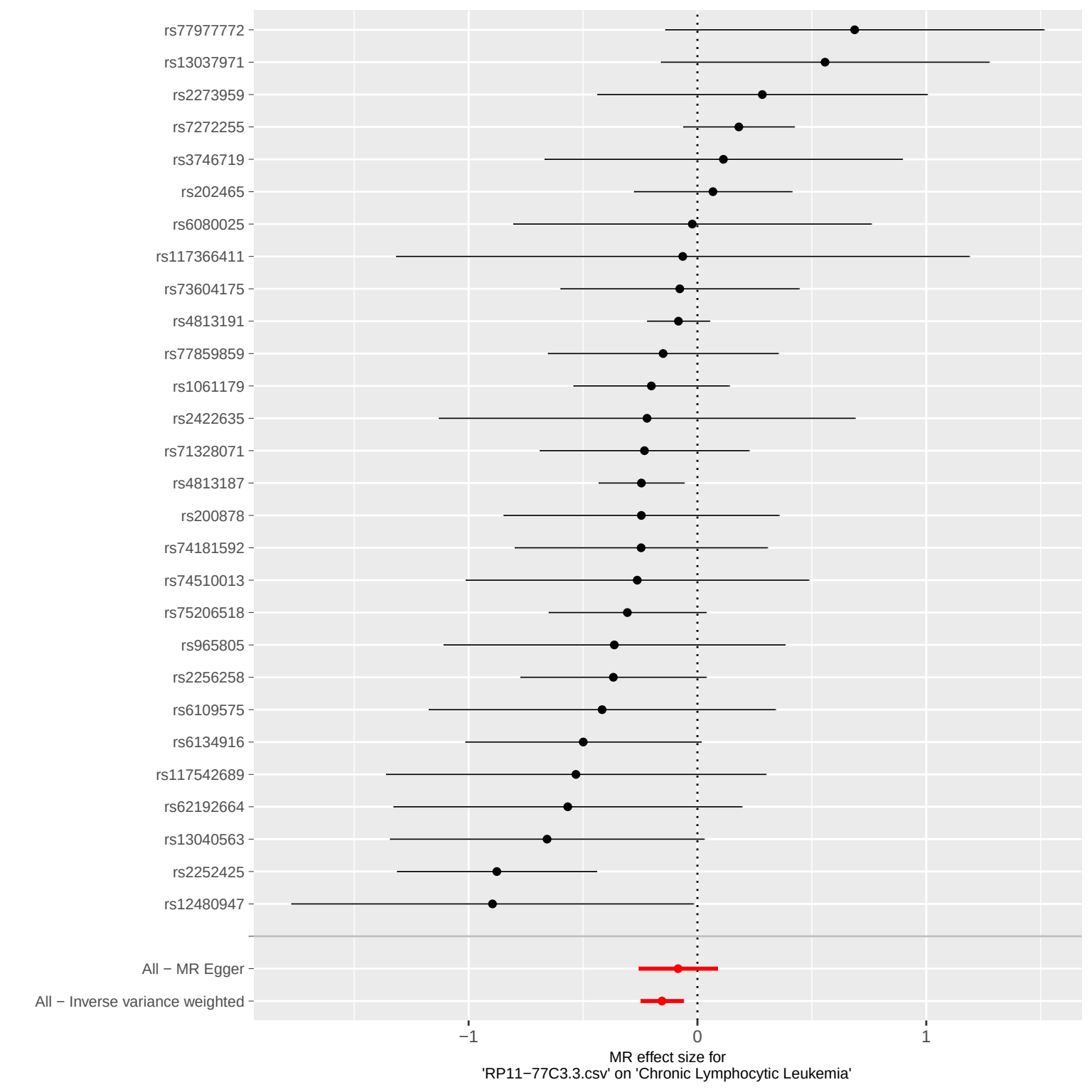
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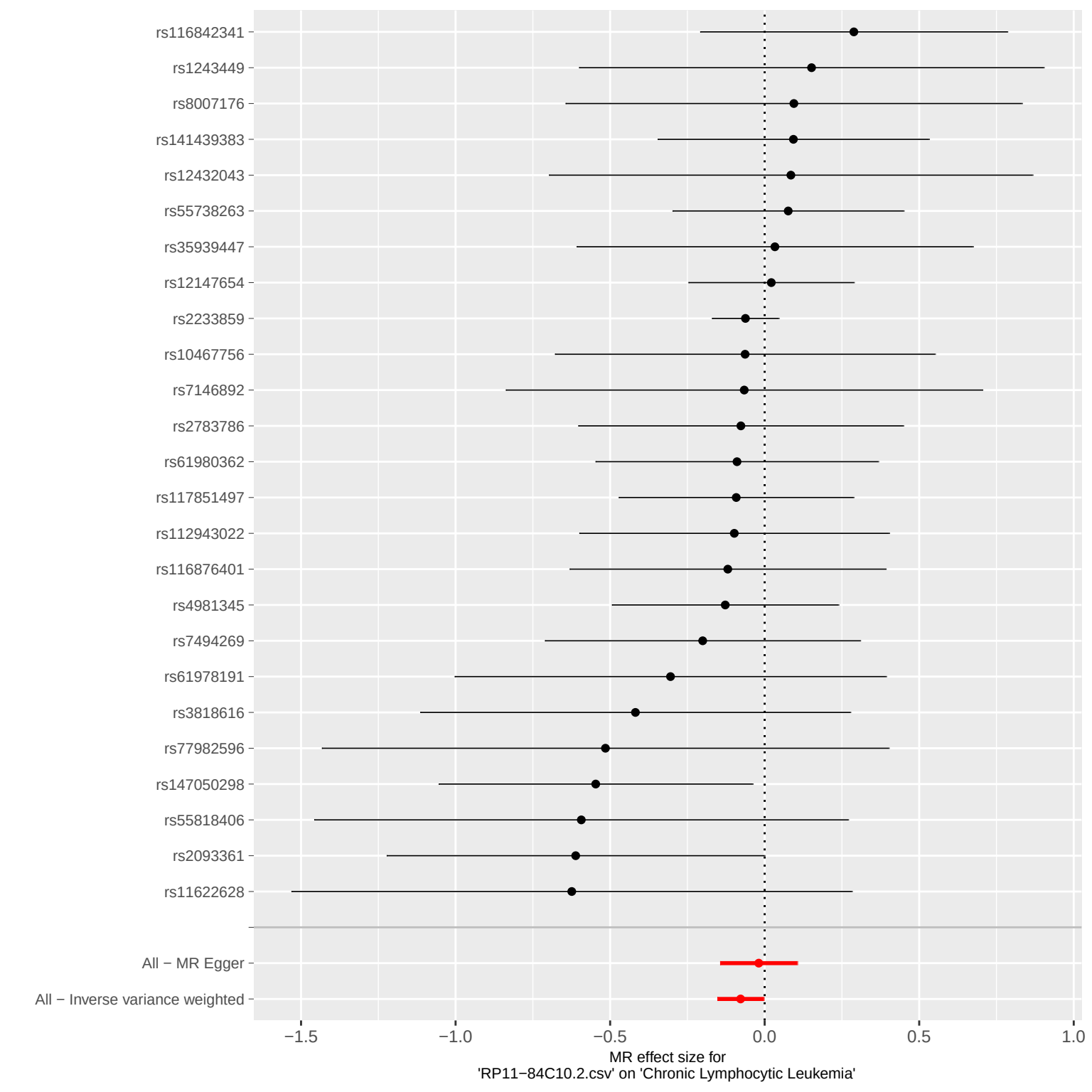
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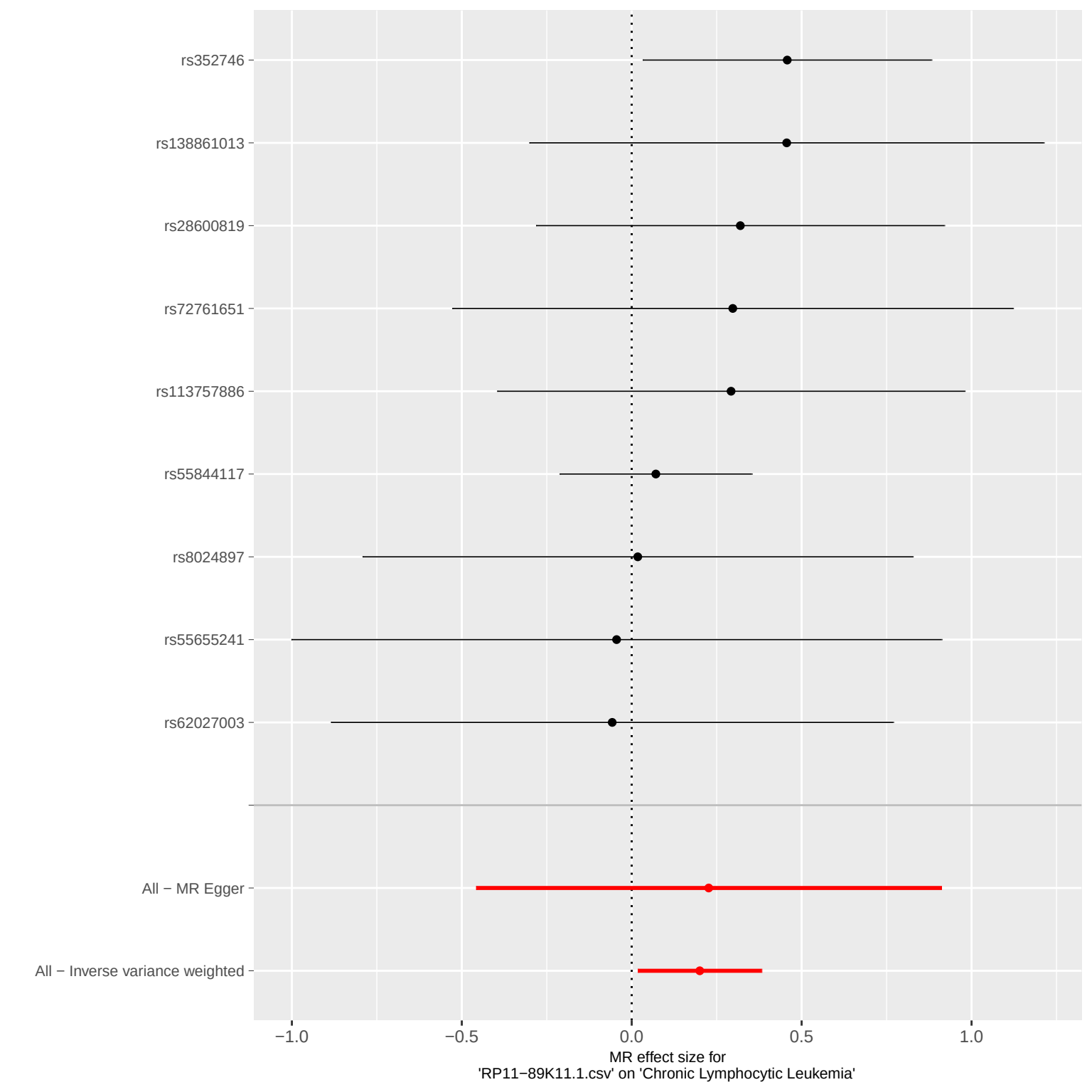
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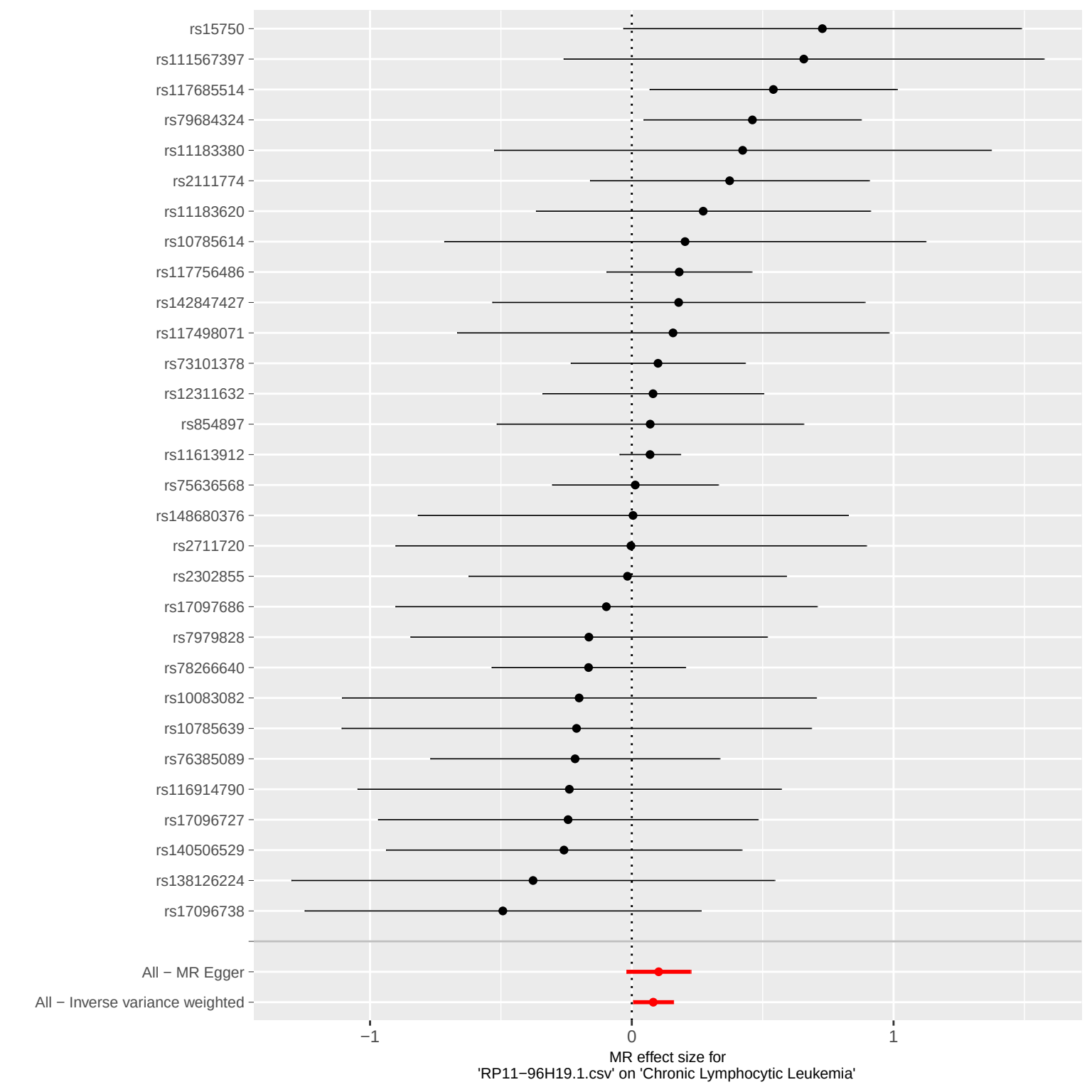
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MR effect size for
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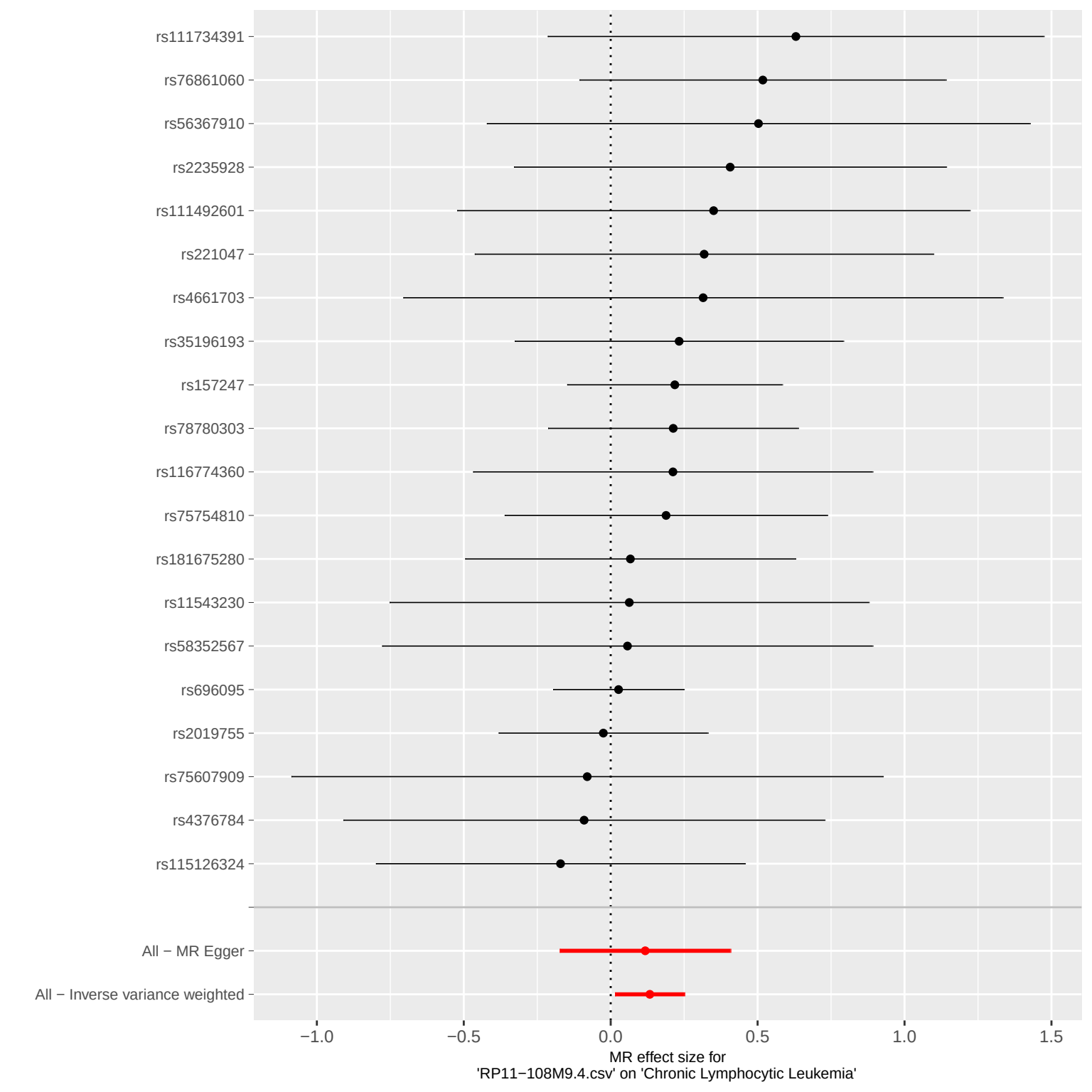
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All − Inverse variance weighted
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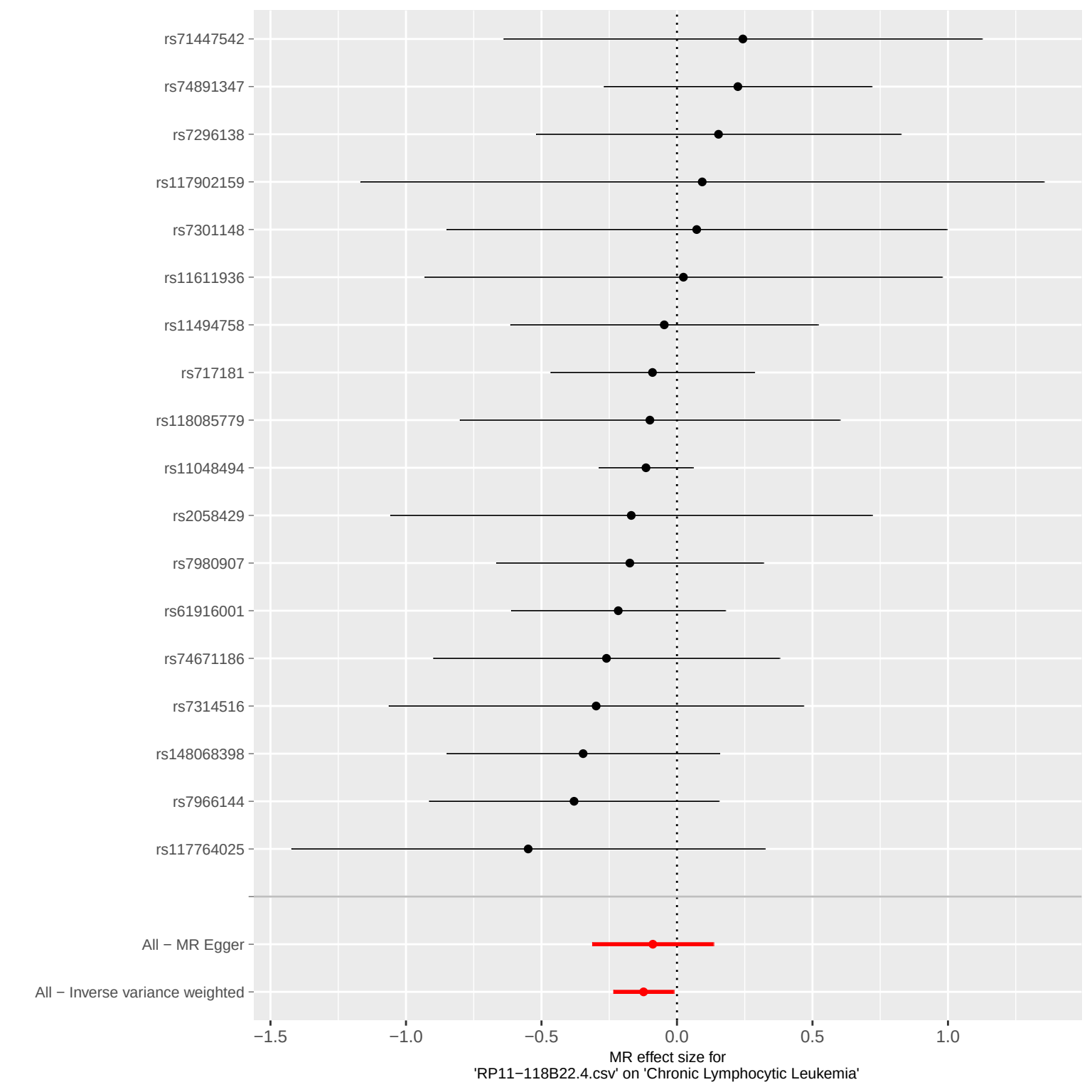
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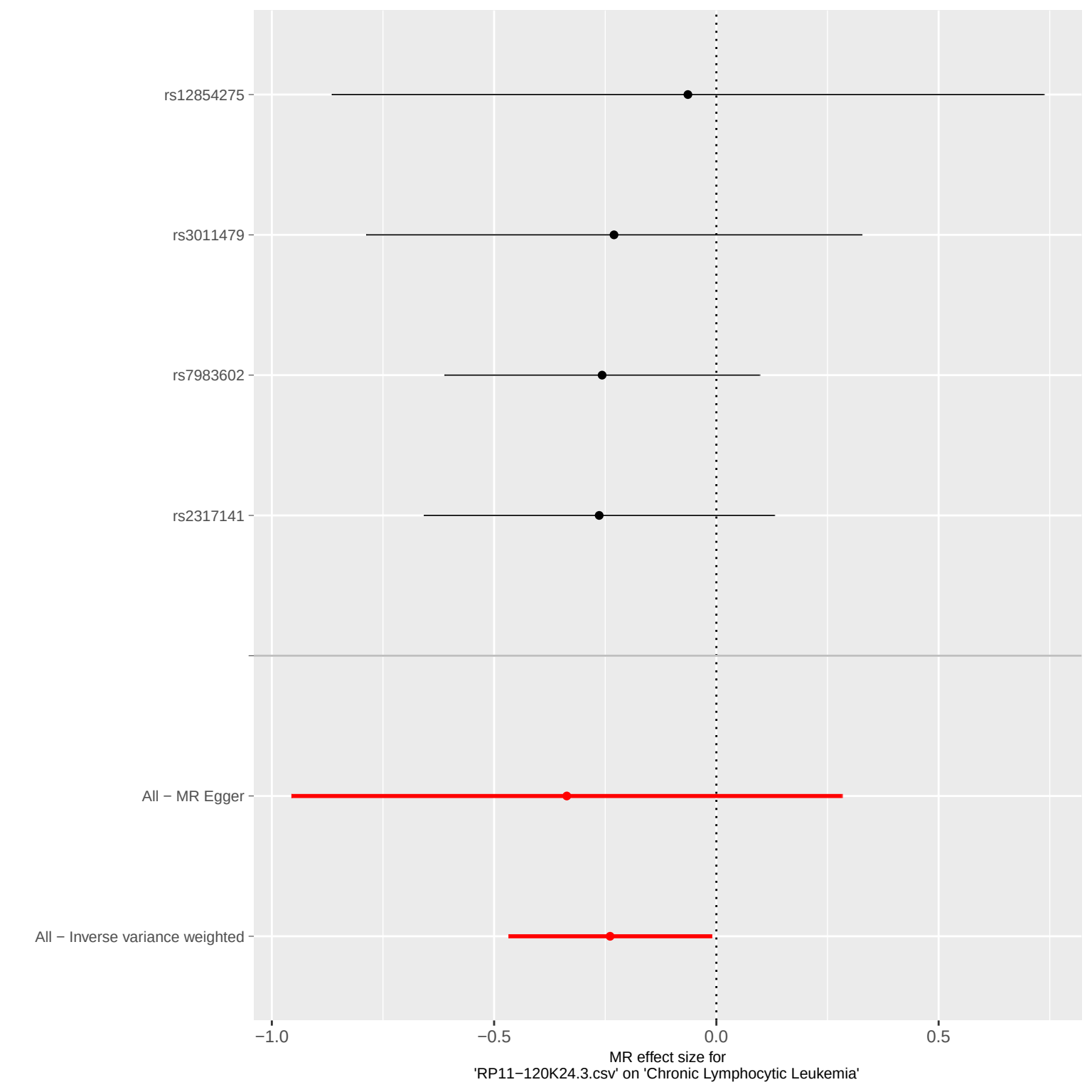
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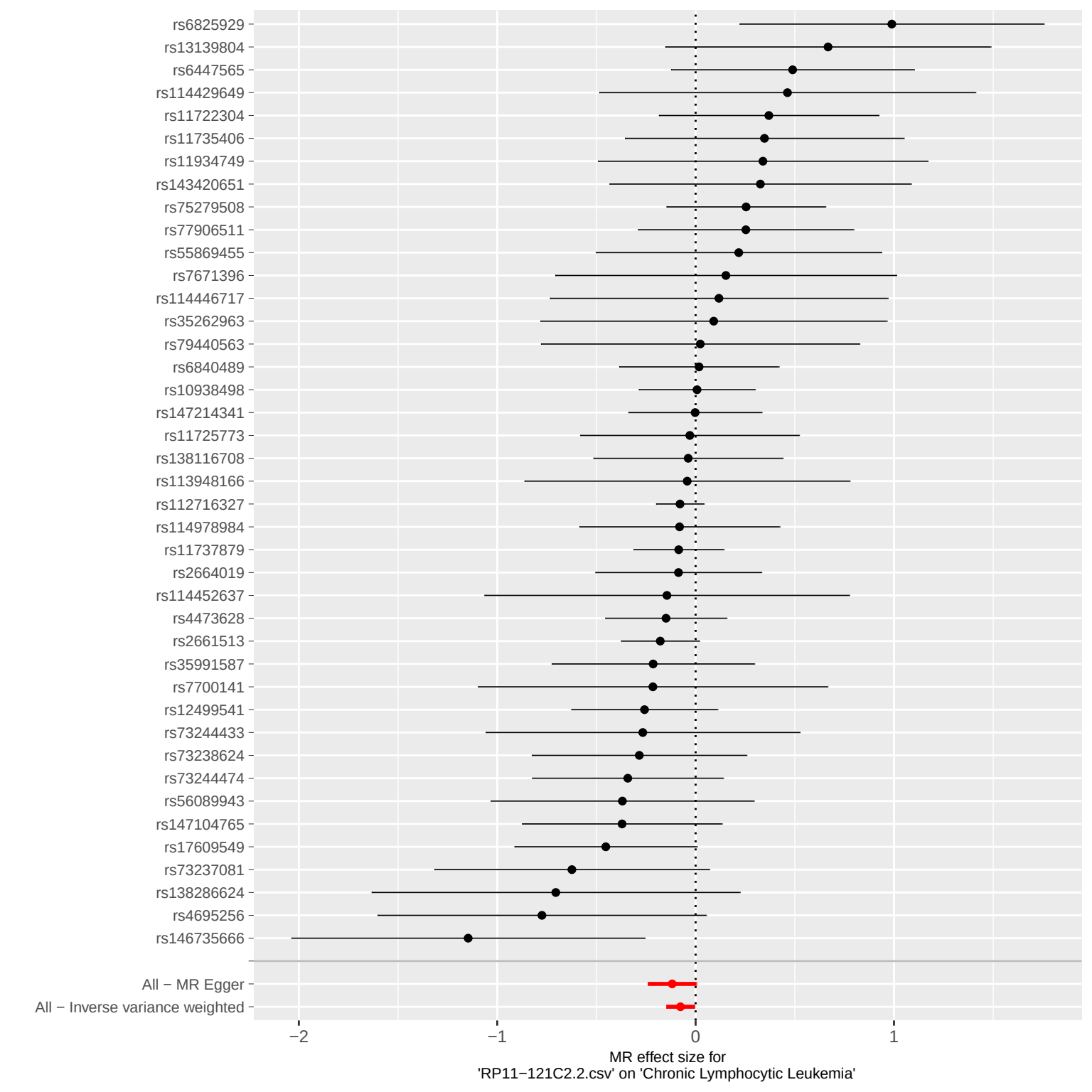
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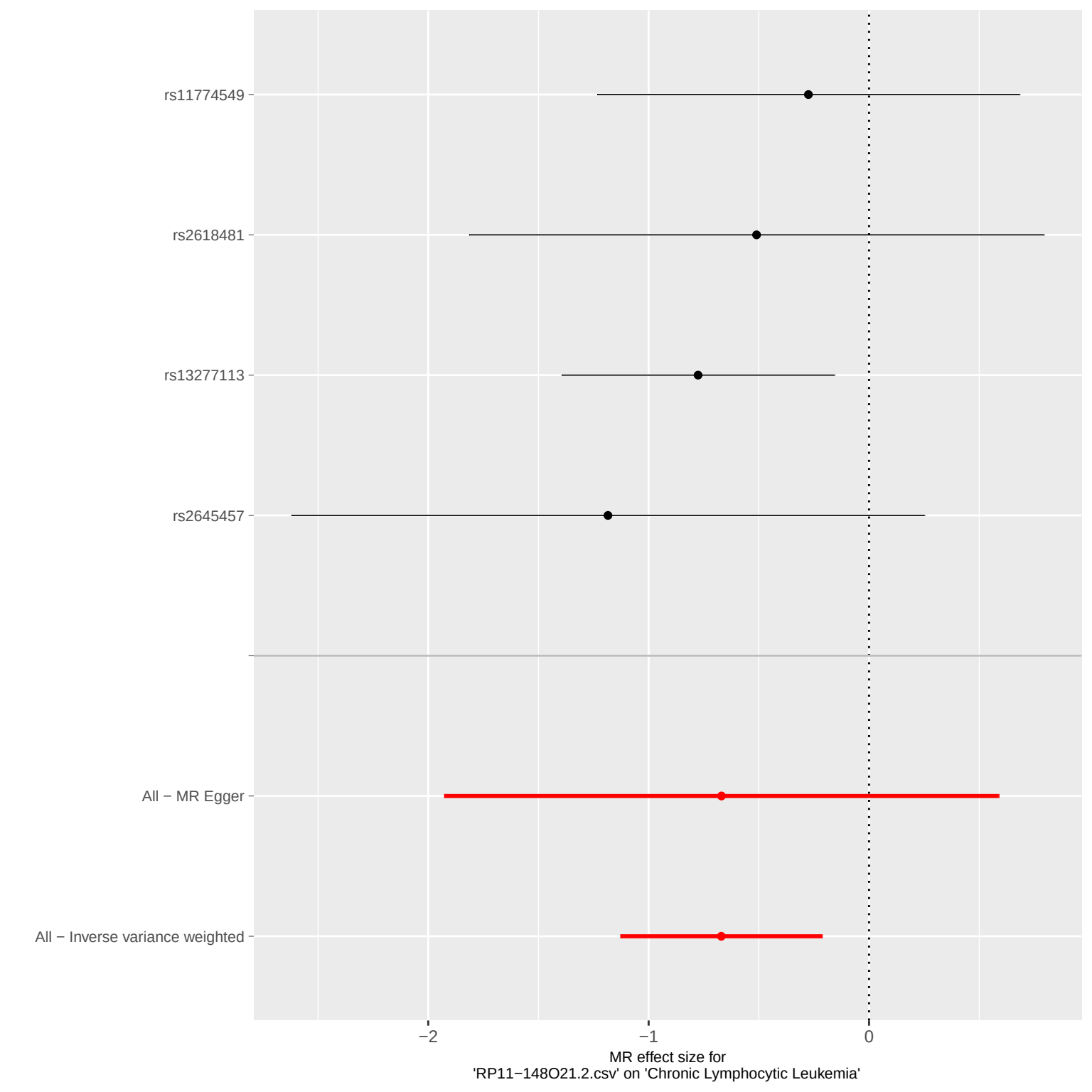
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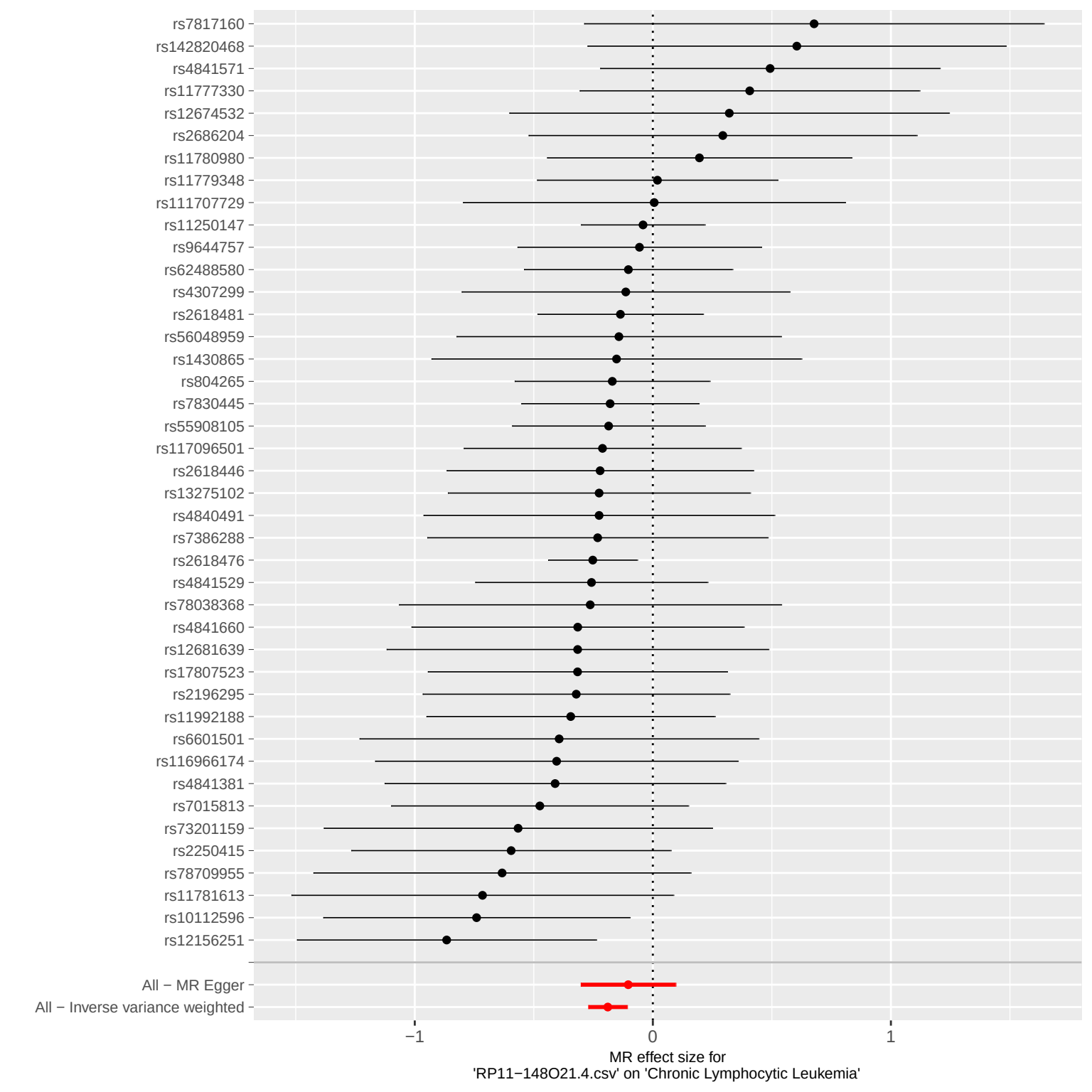
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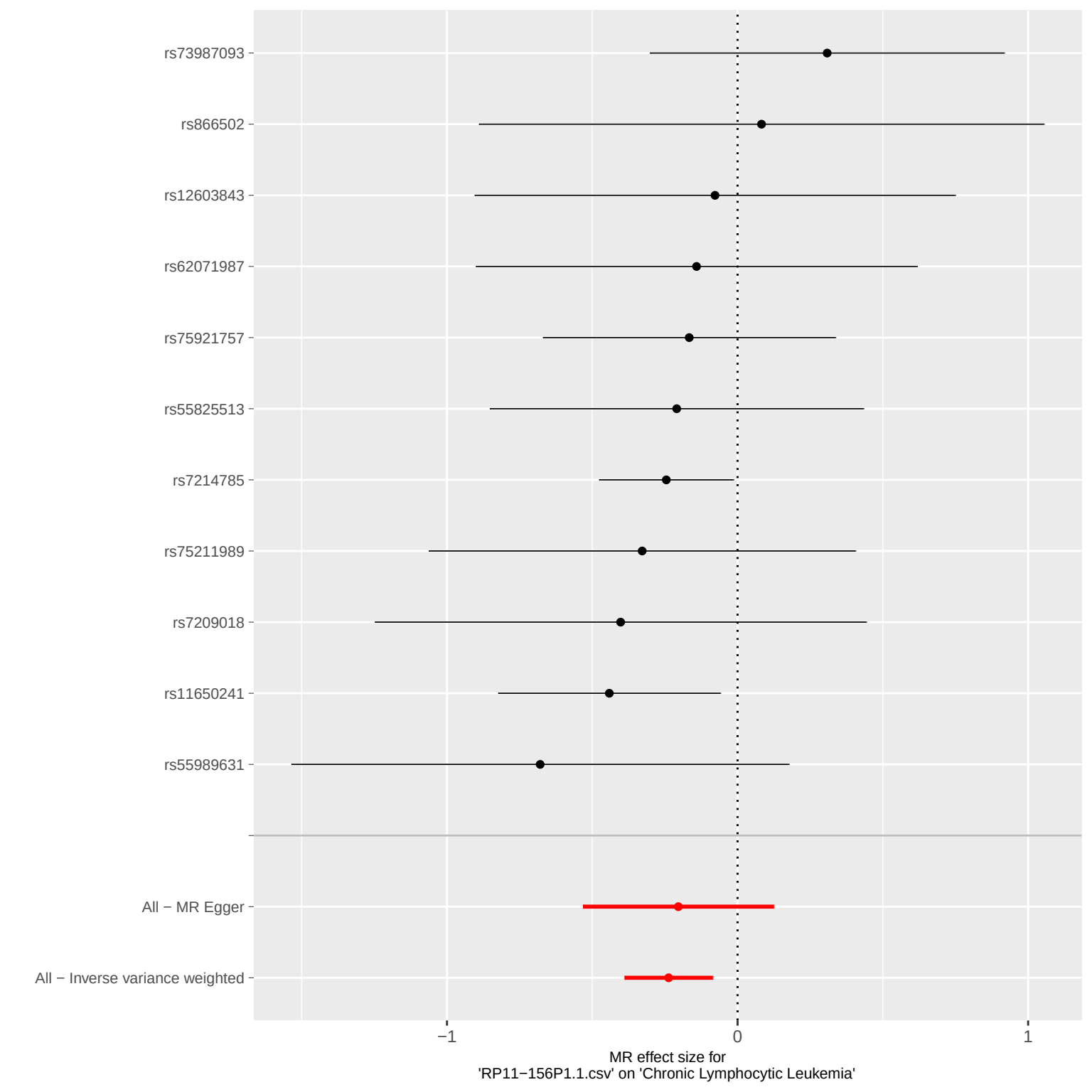
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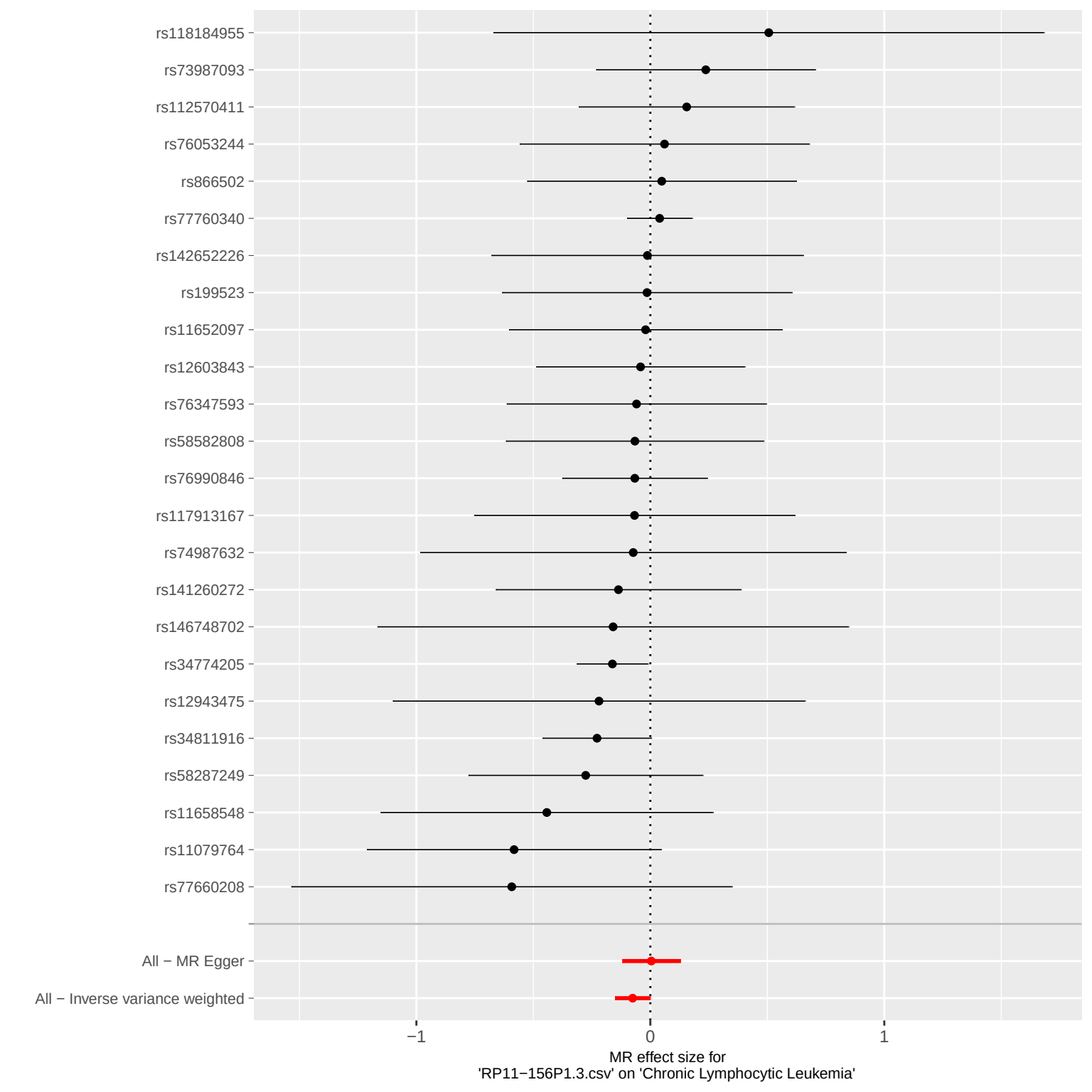
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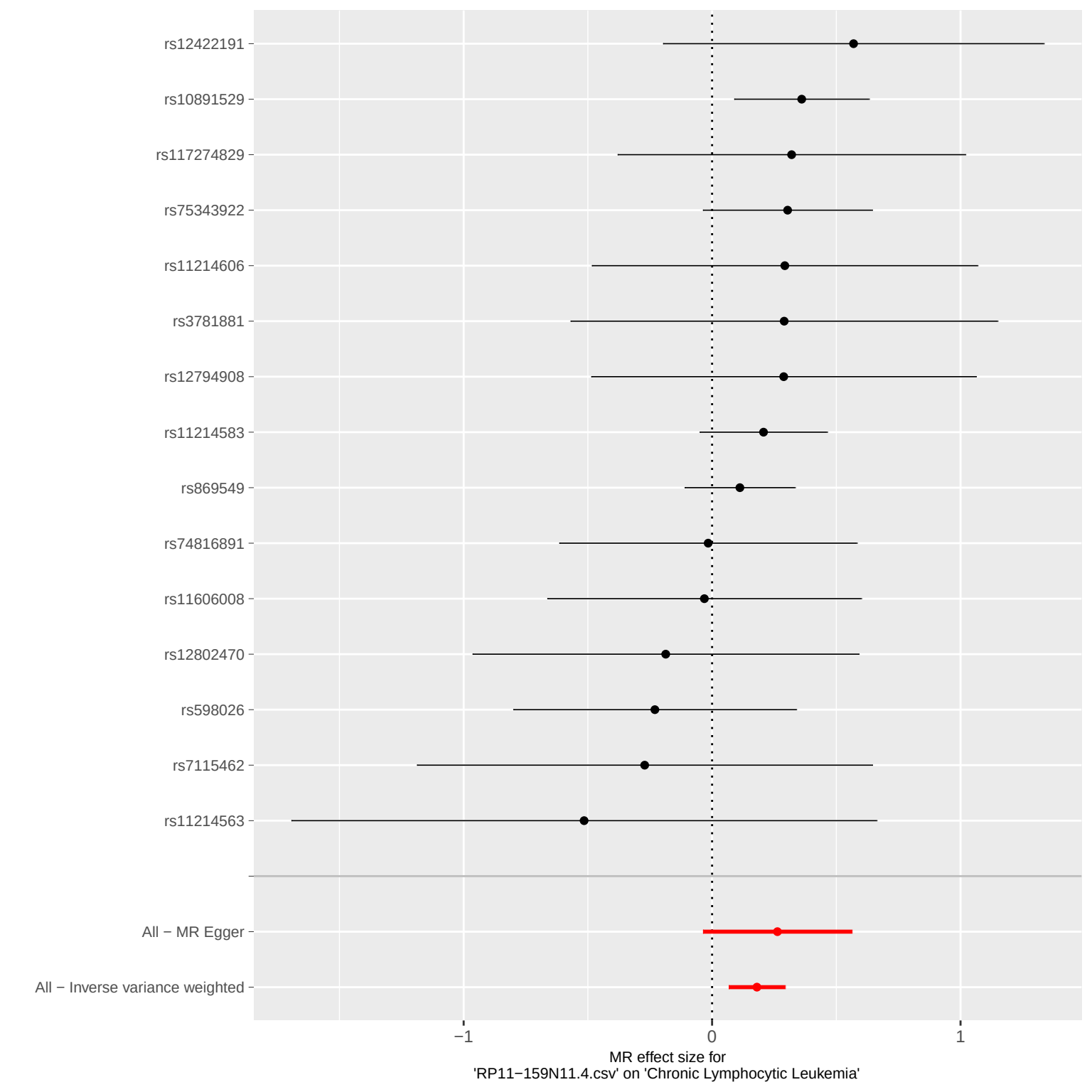
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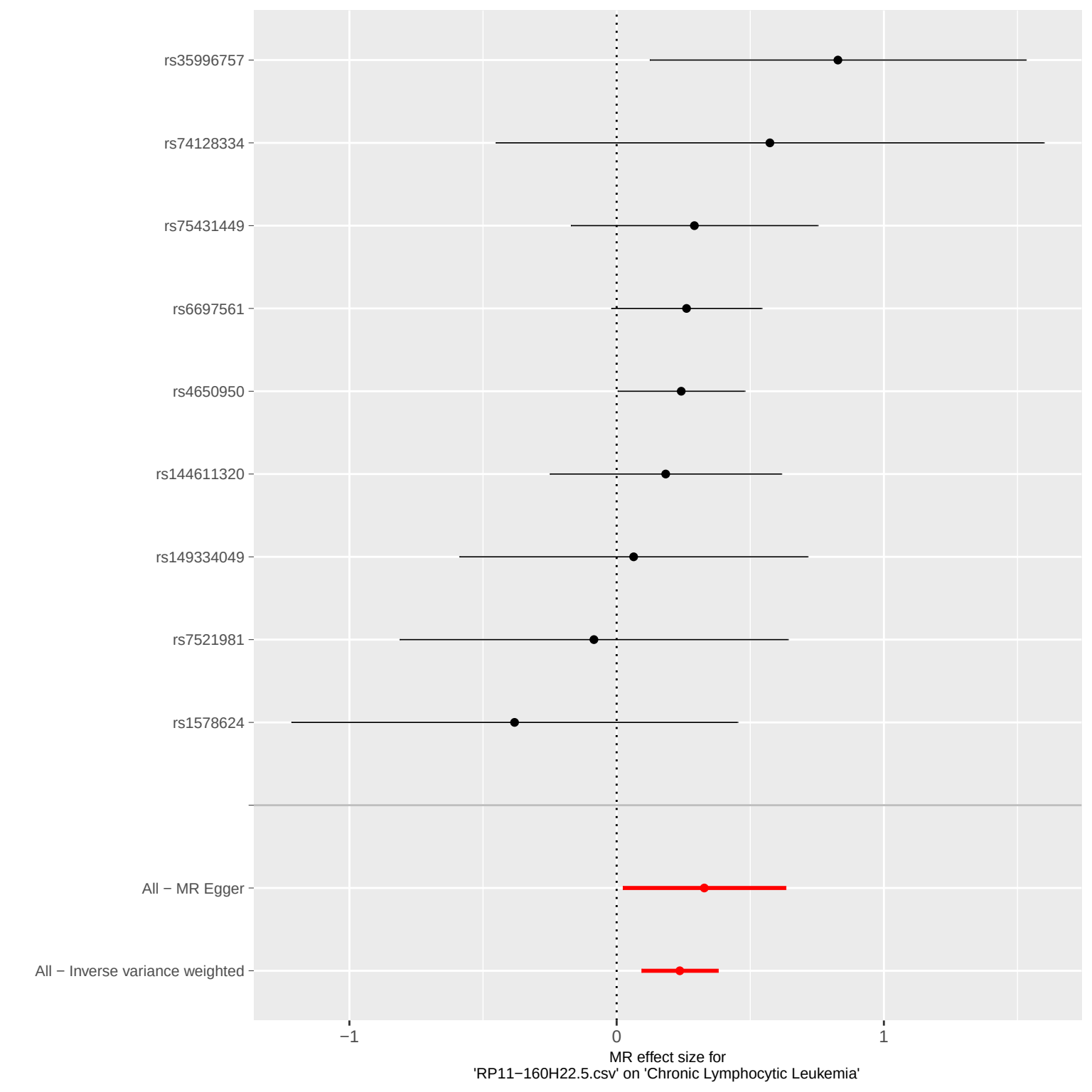
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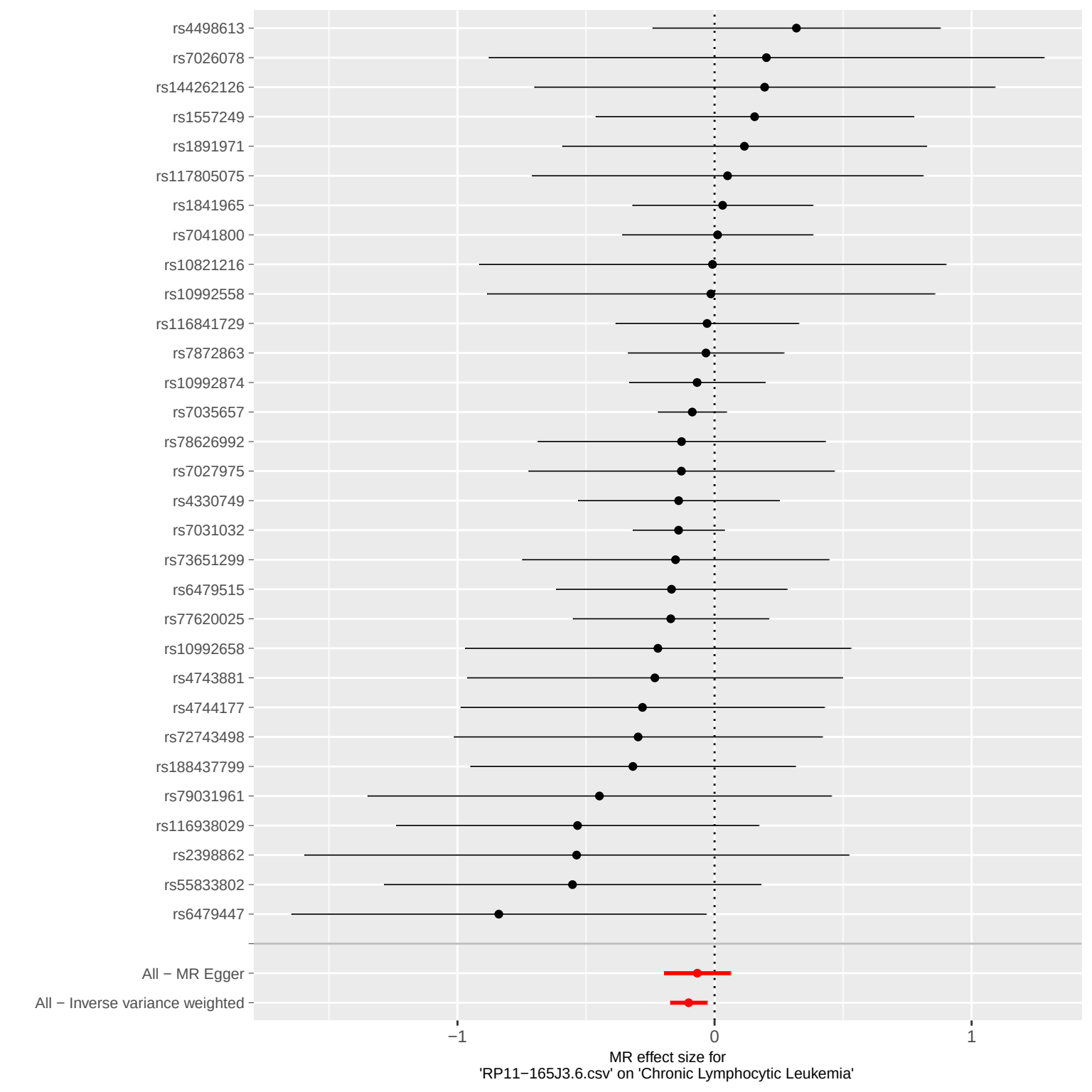
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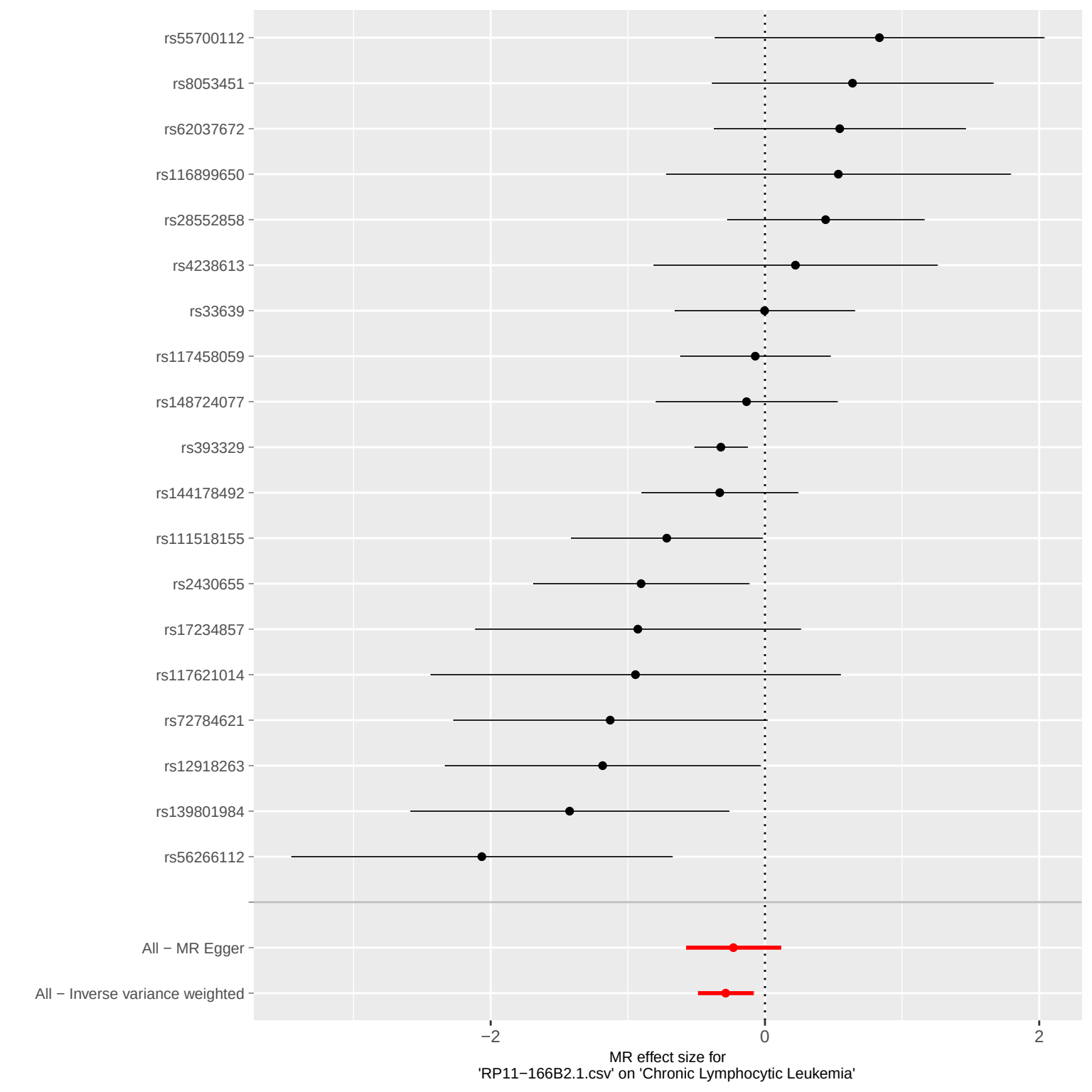
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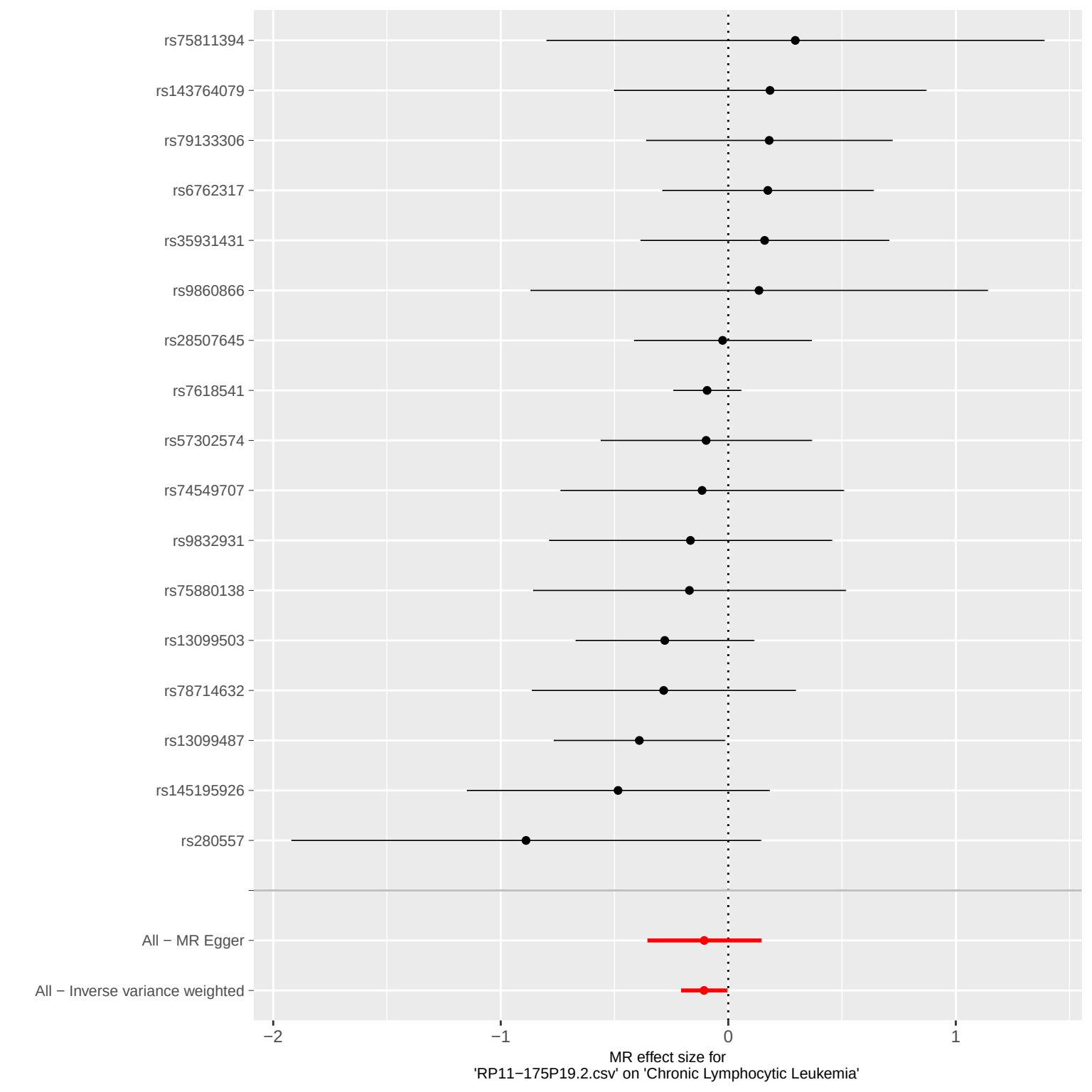
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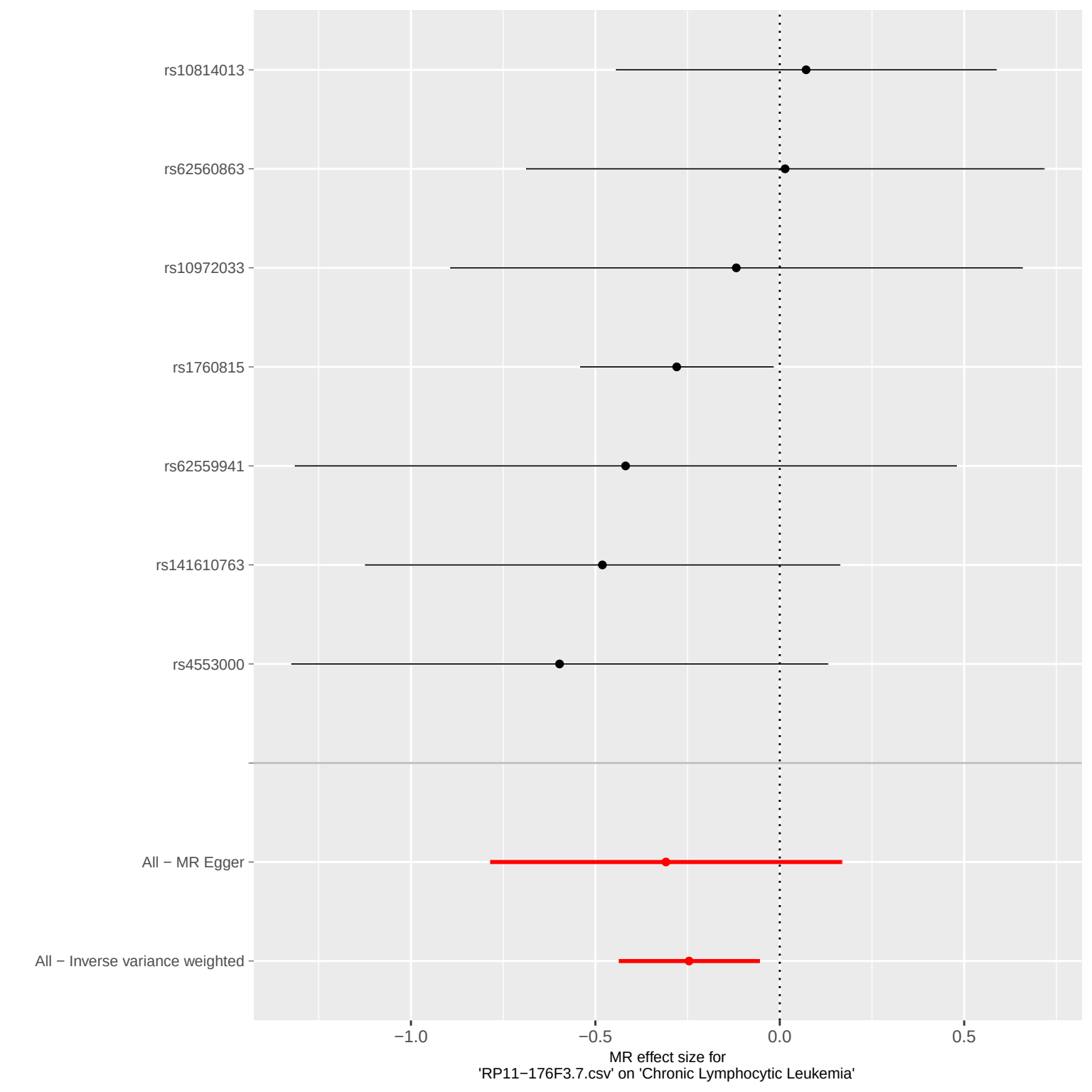
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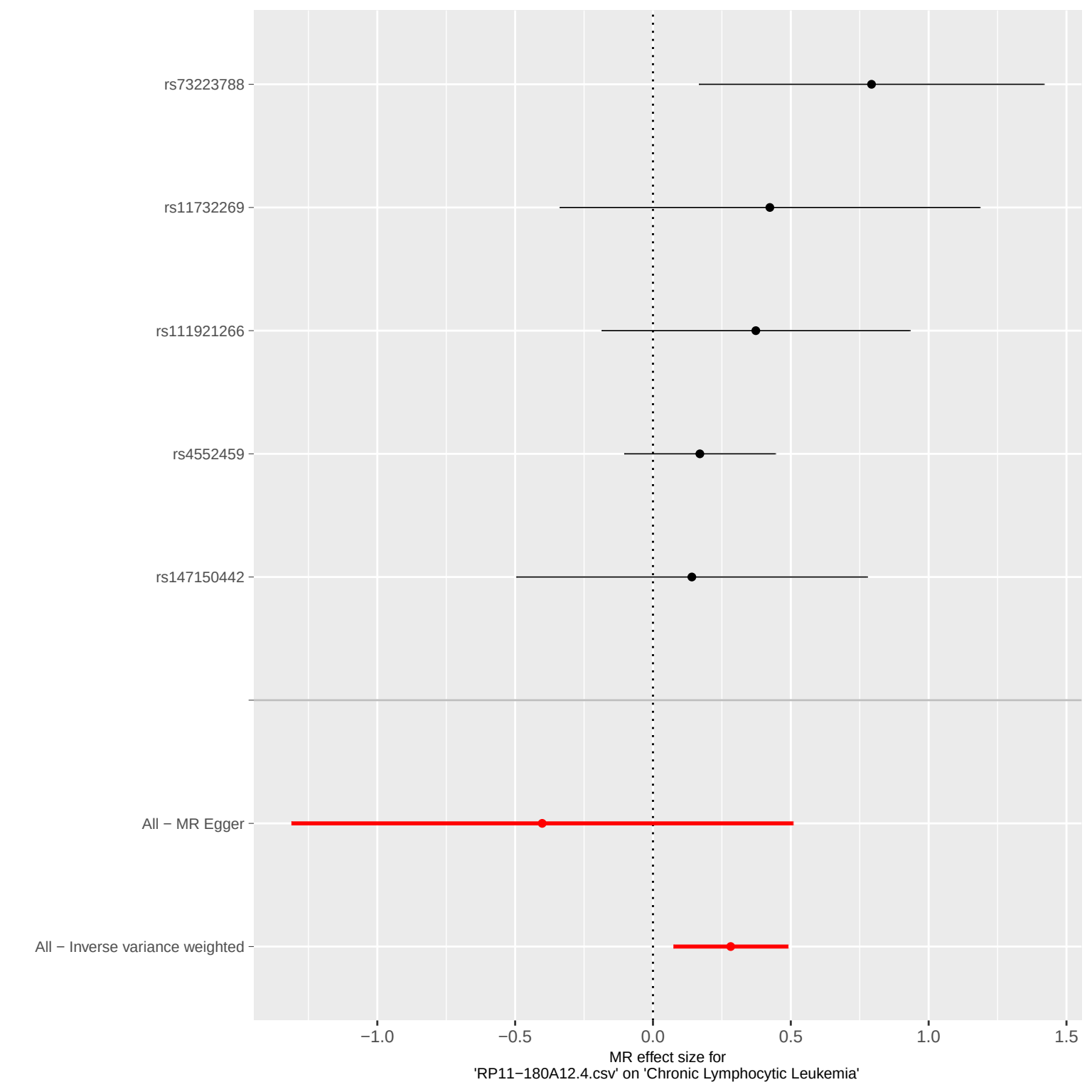
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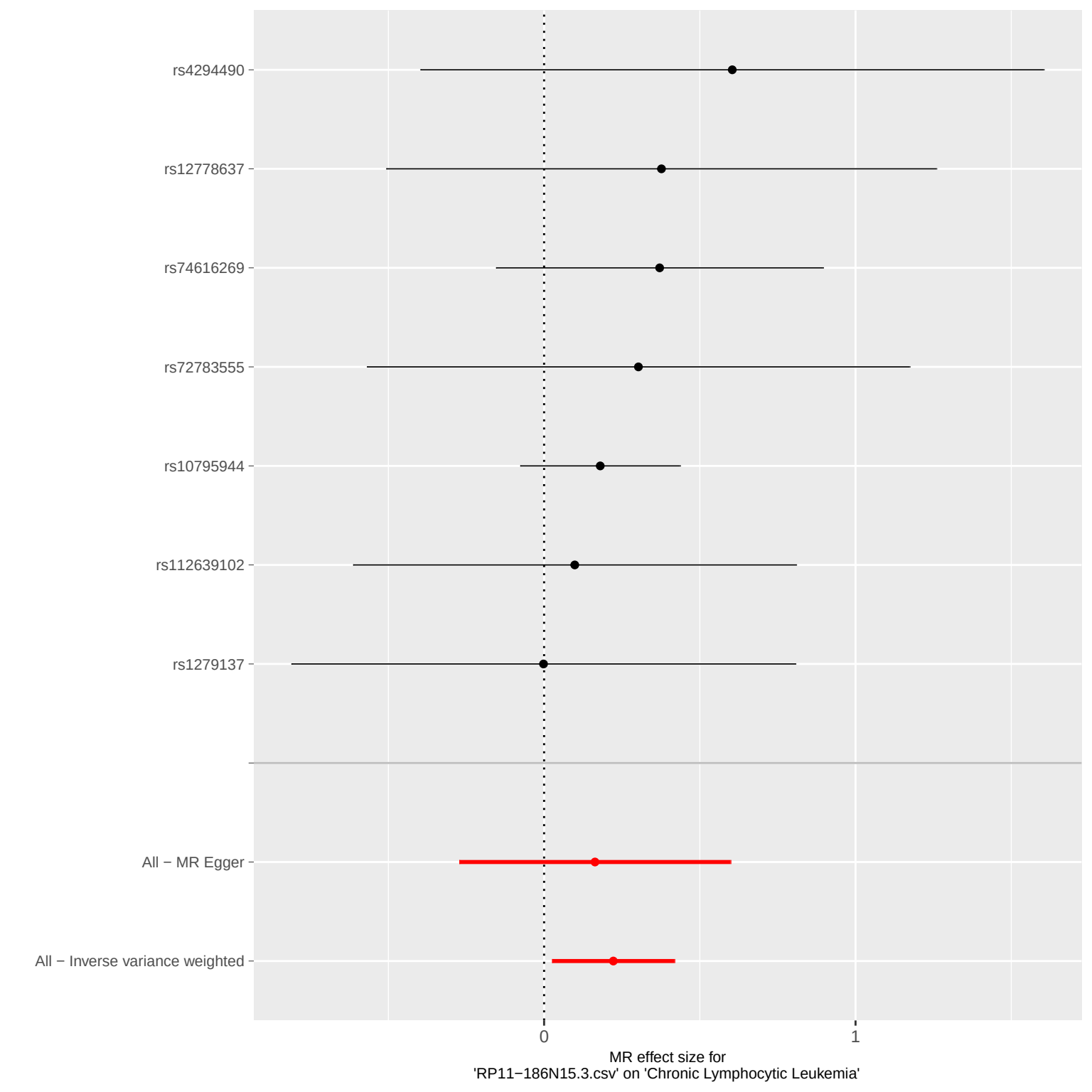
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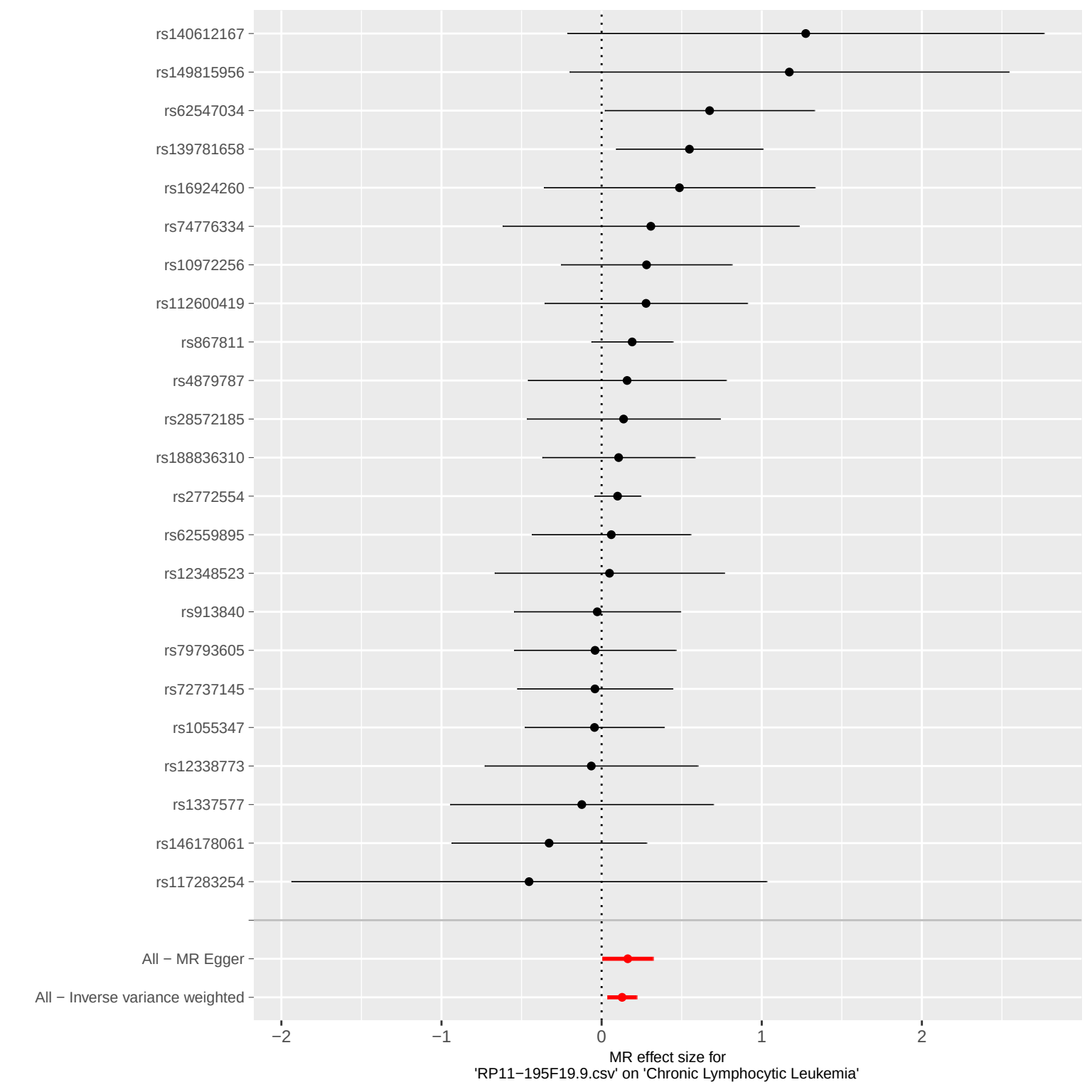
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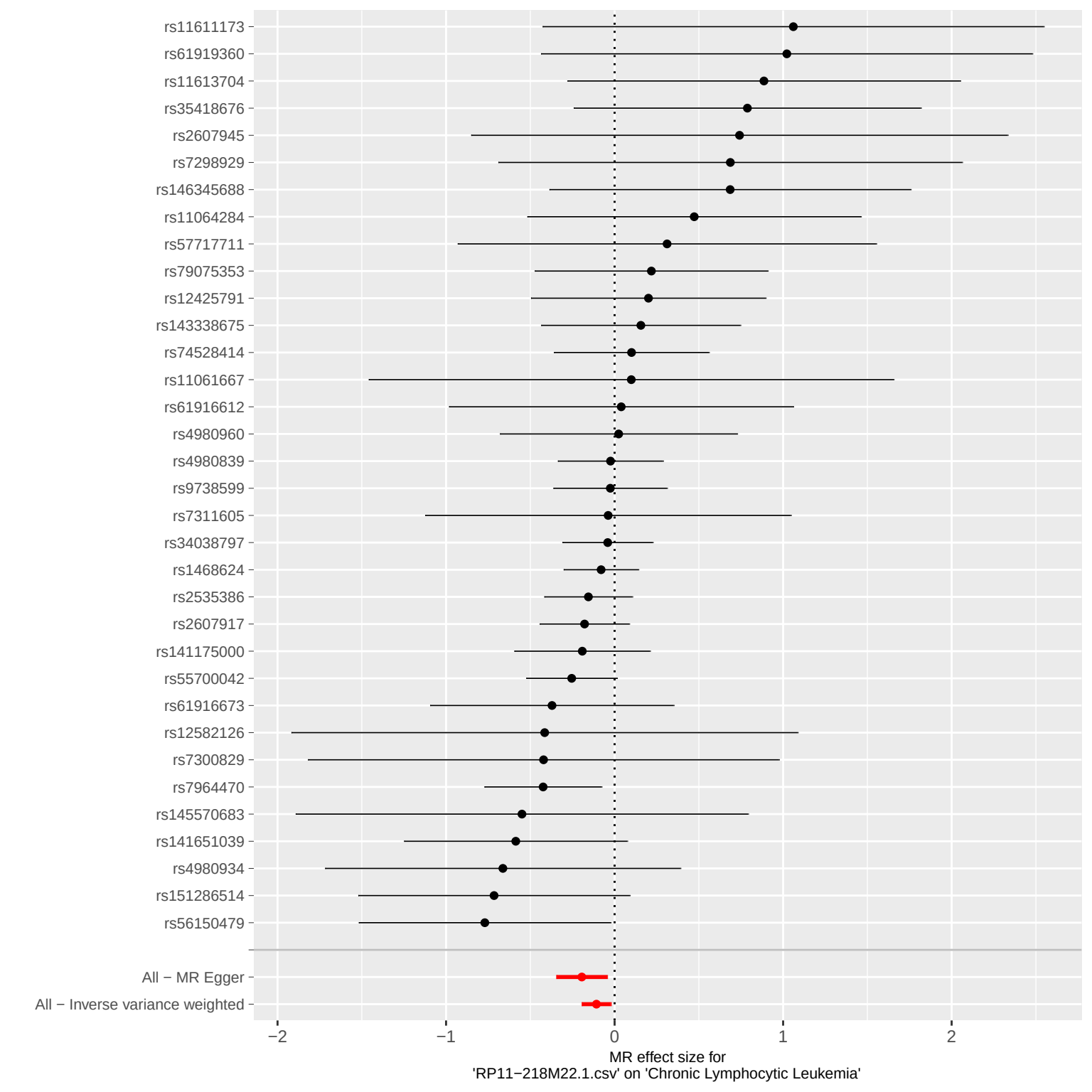
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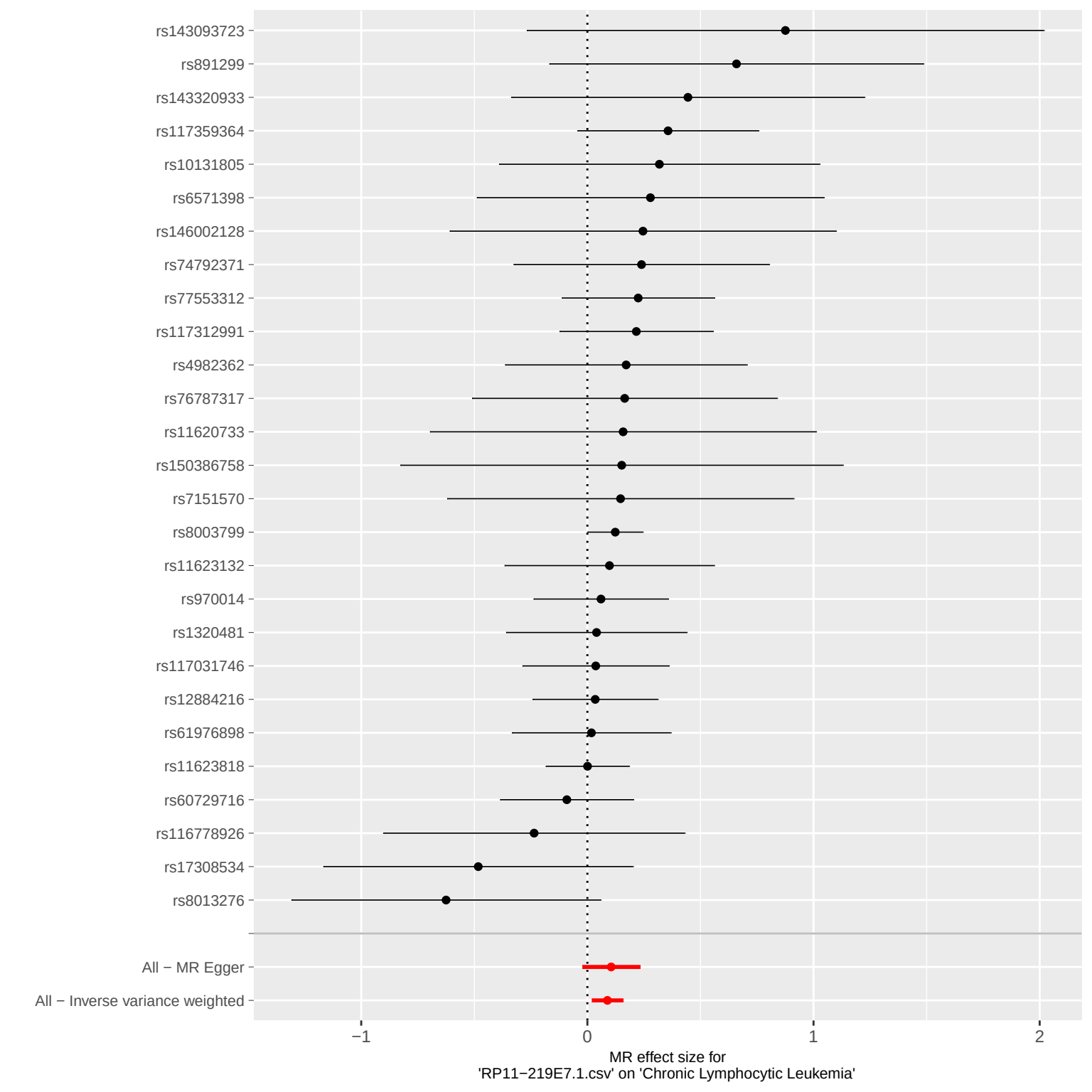
MR effect size for
'RP11−218M22.1.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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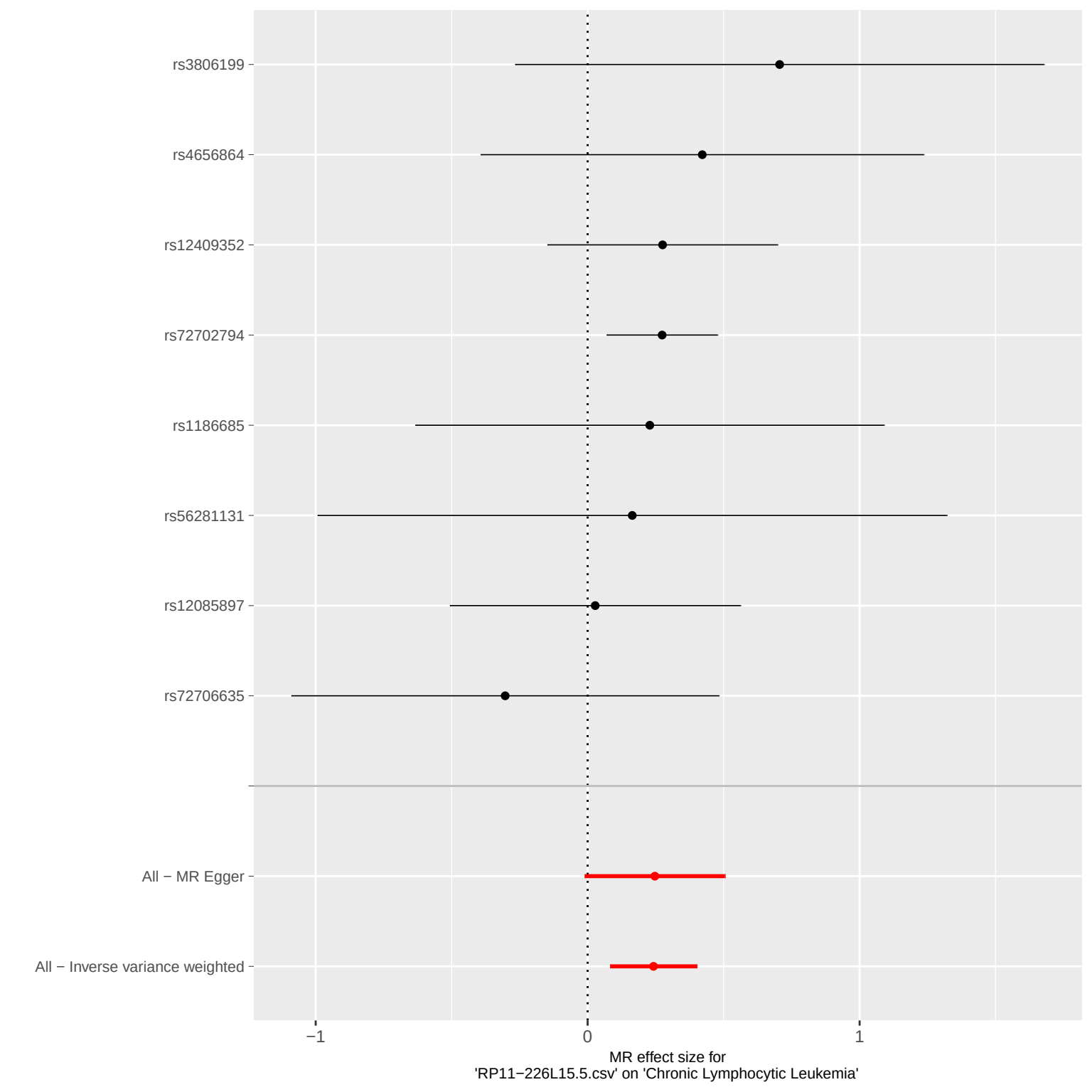
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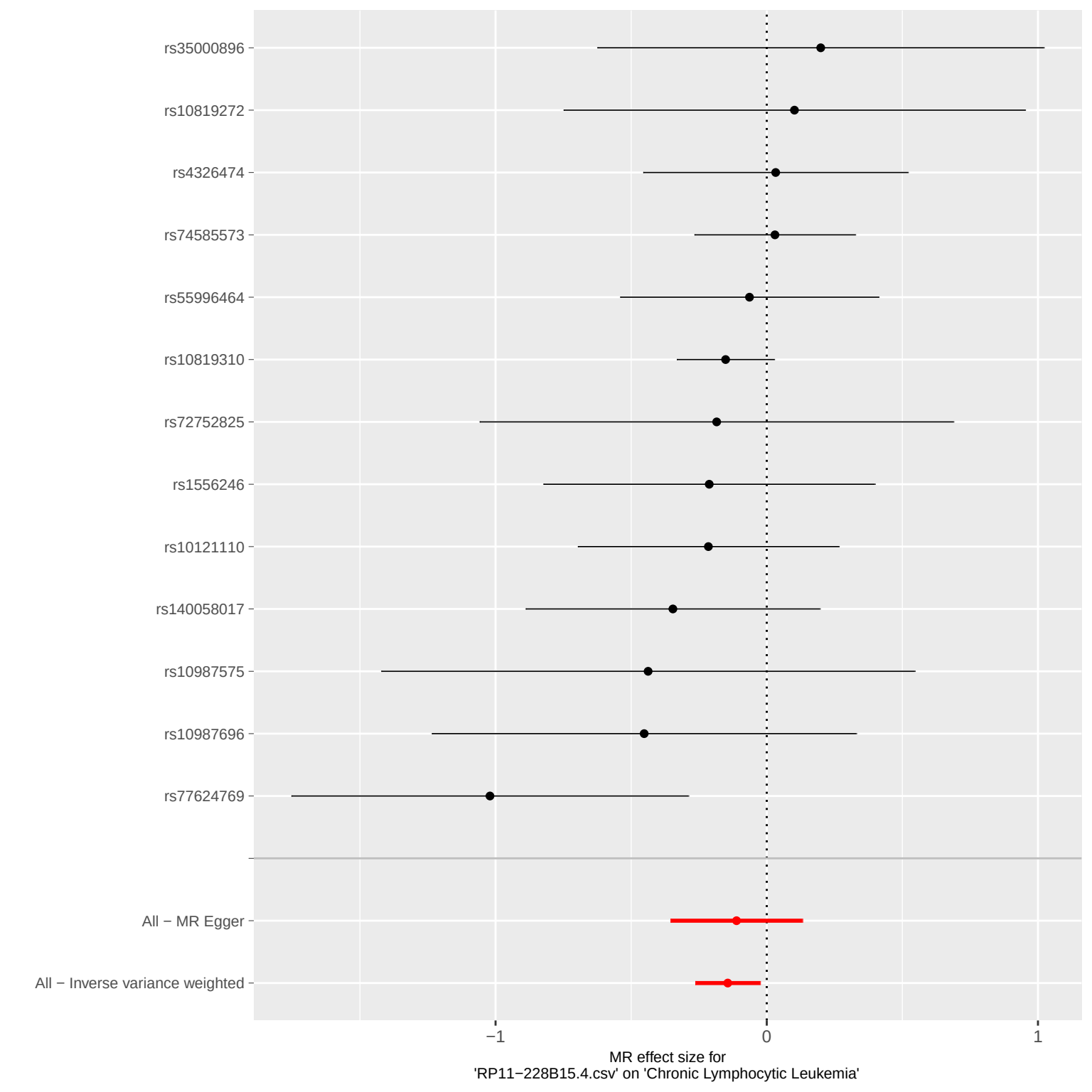
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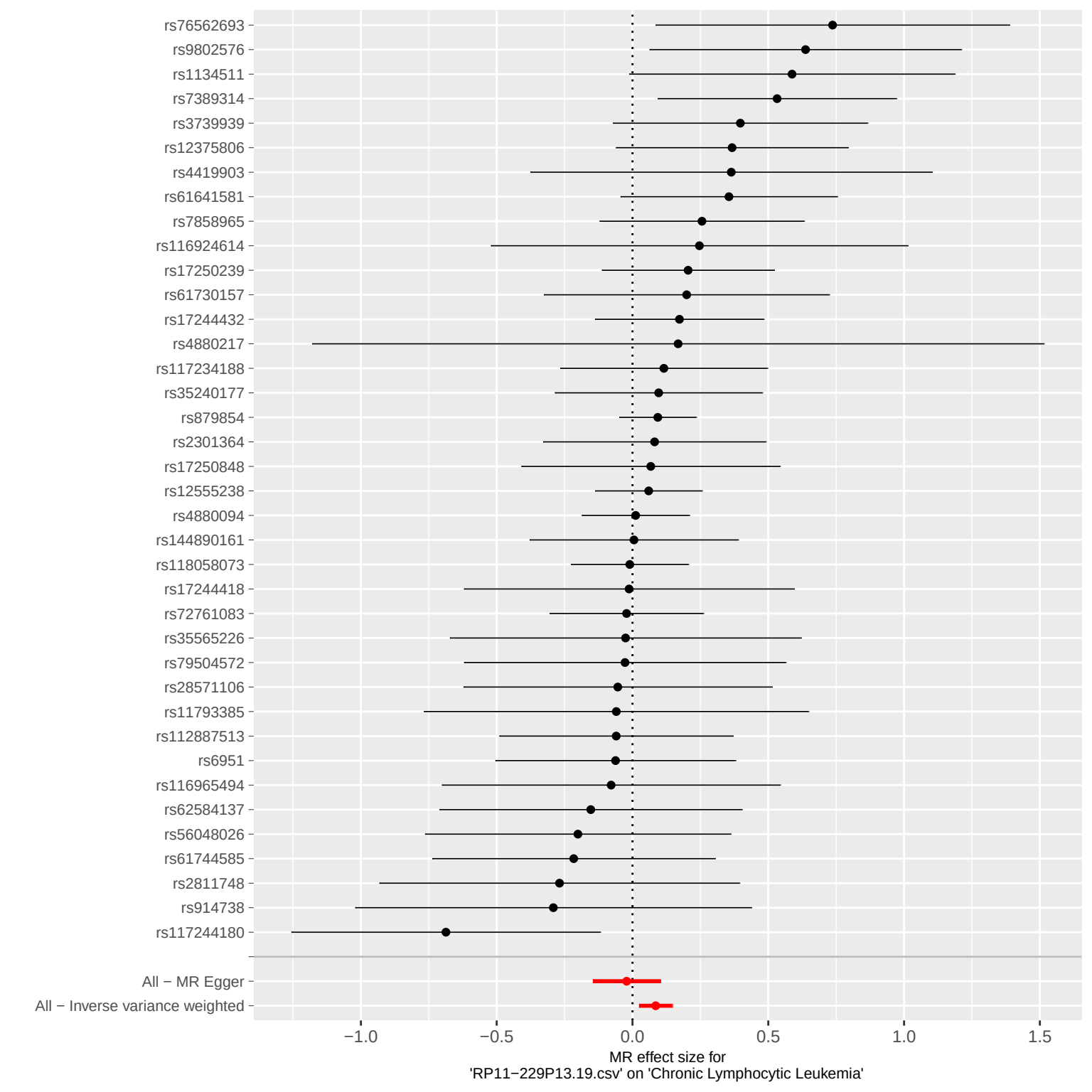
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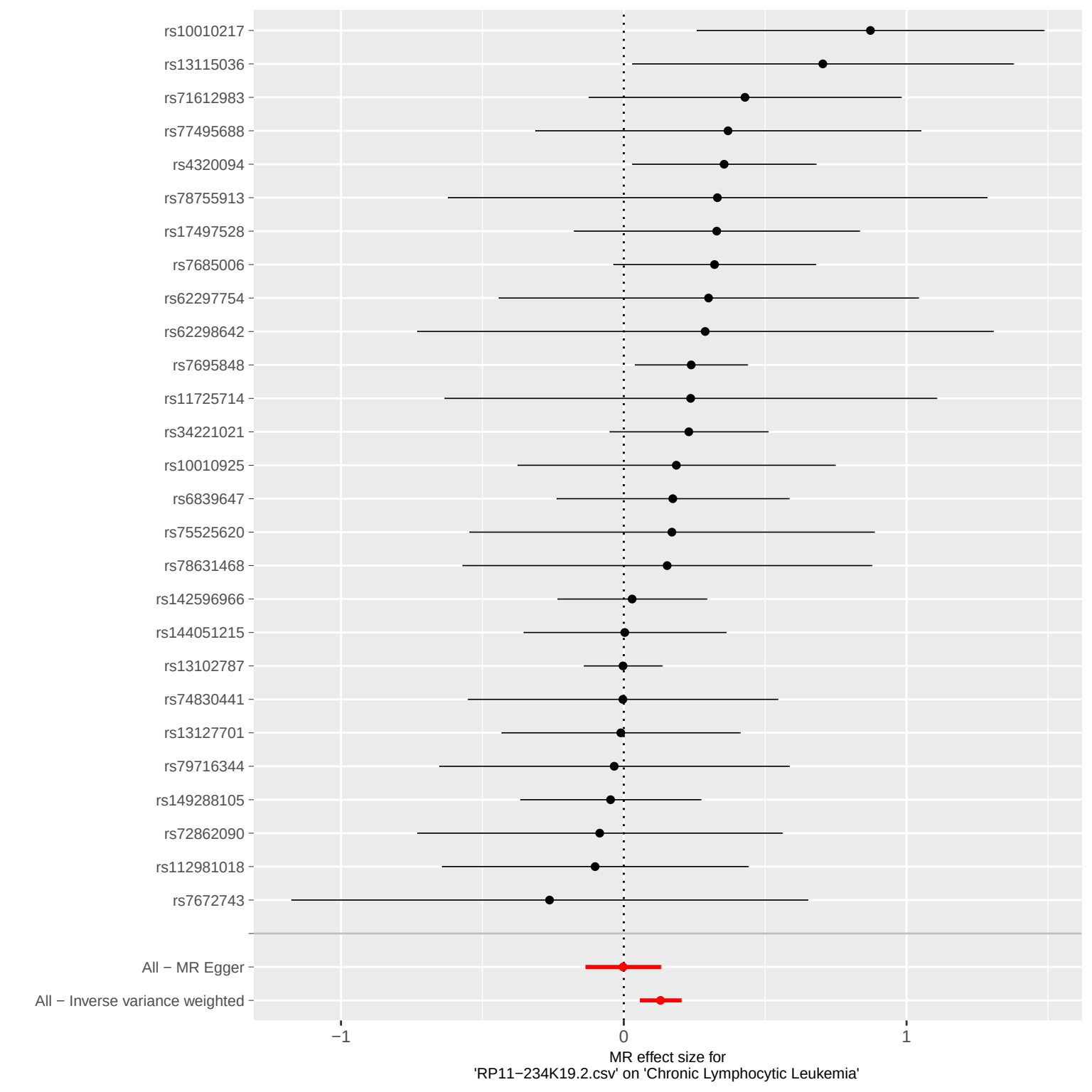
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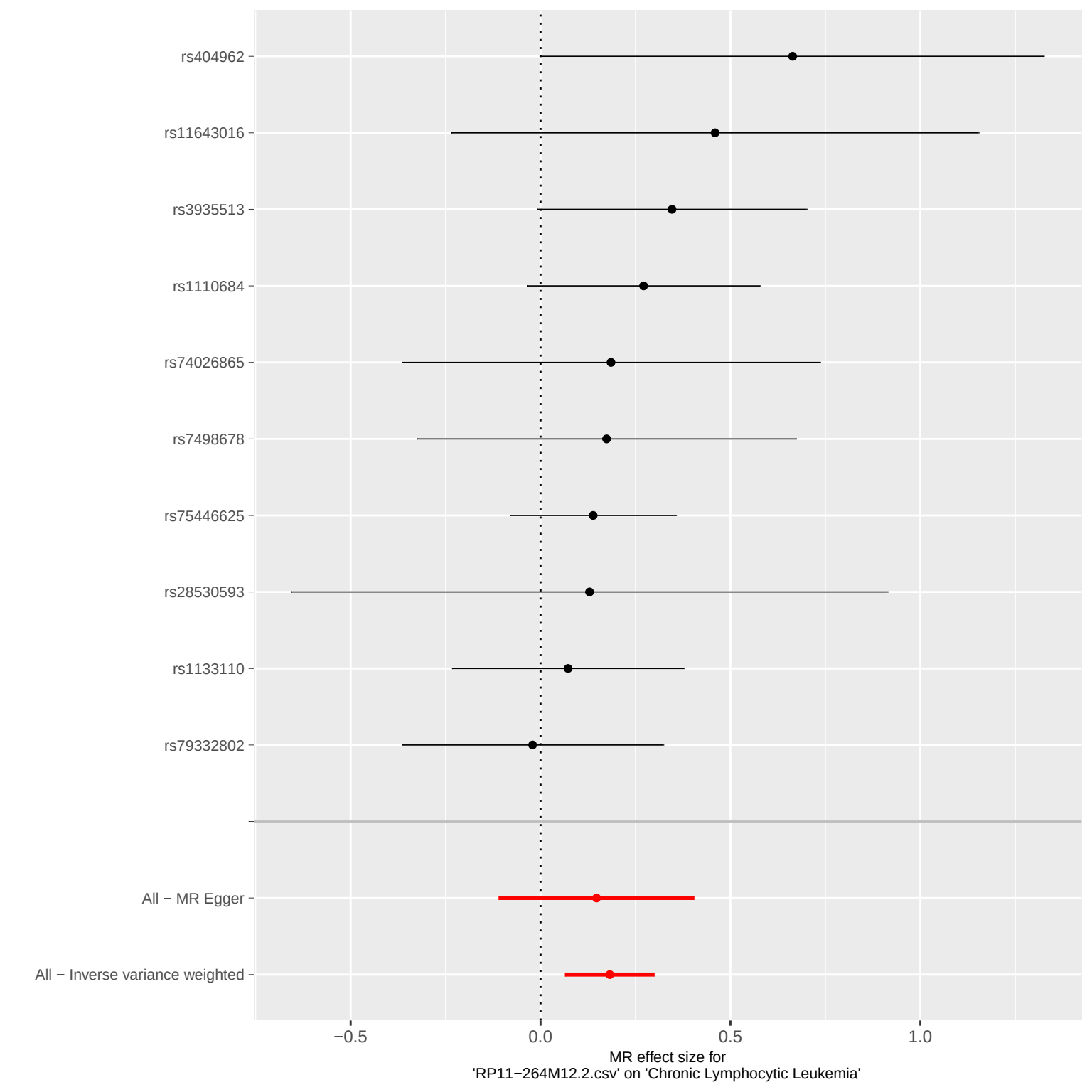
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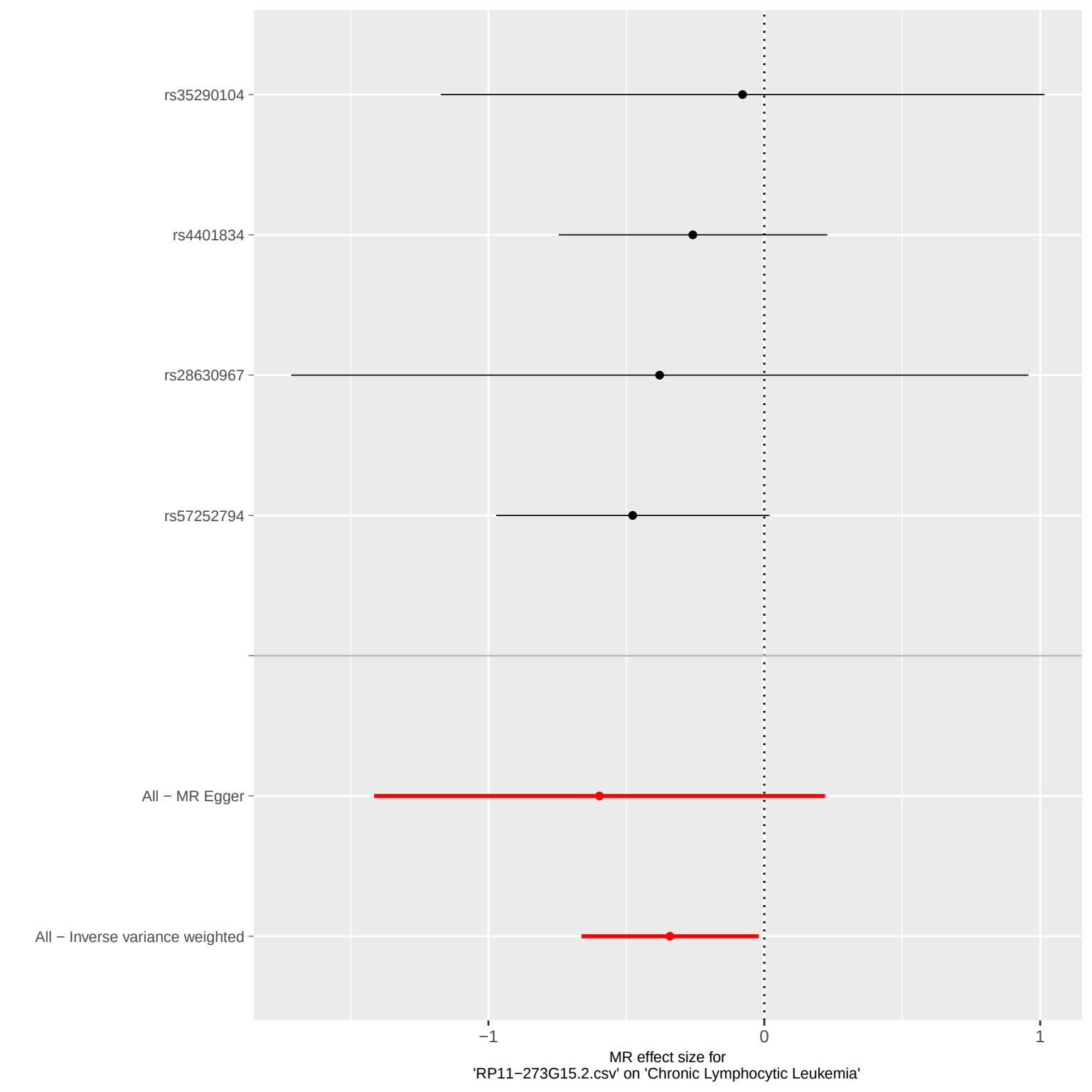
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MR effect size for
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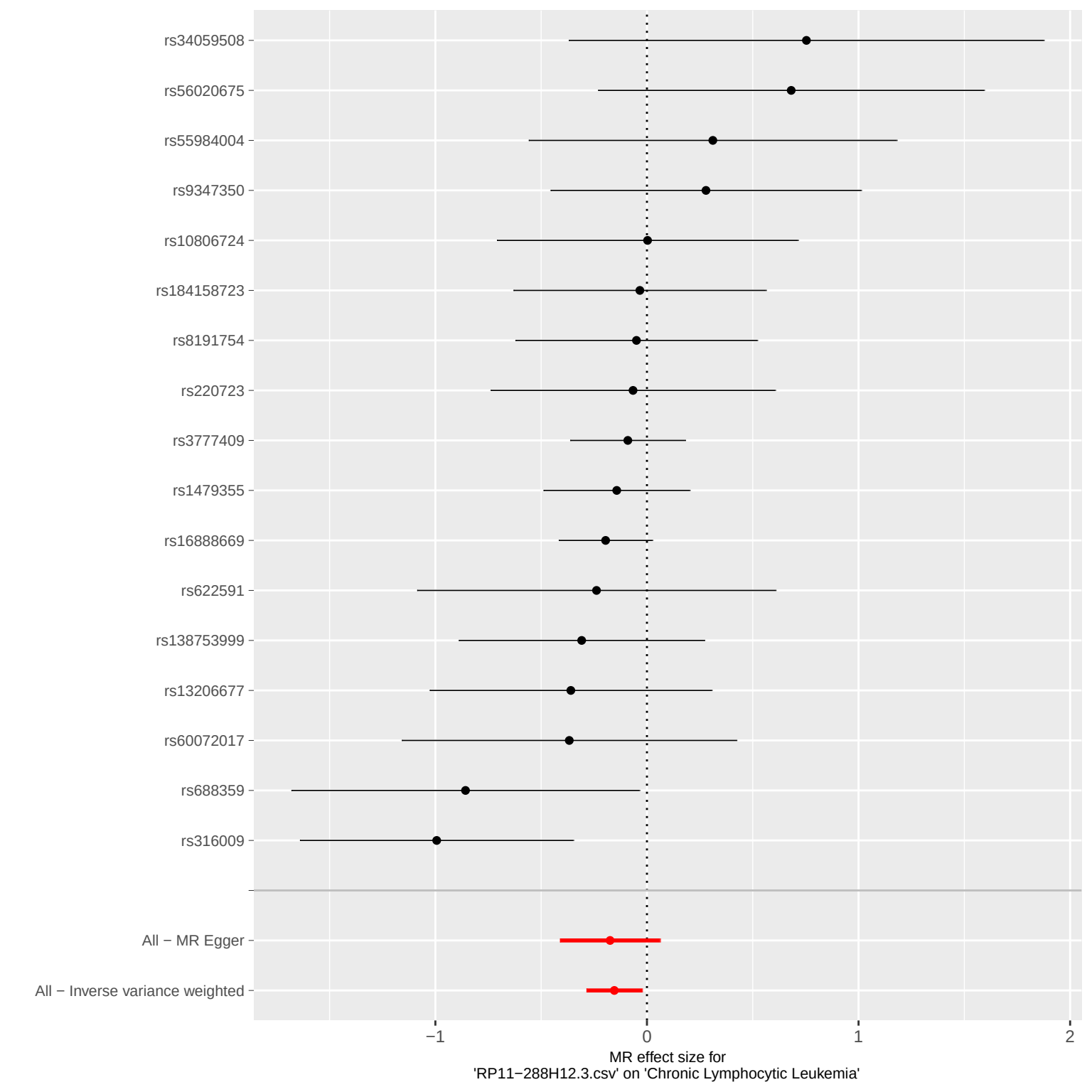
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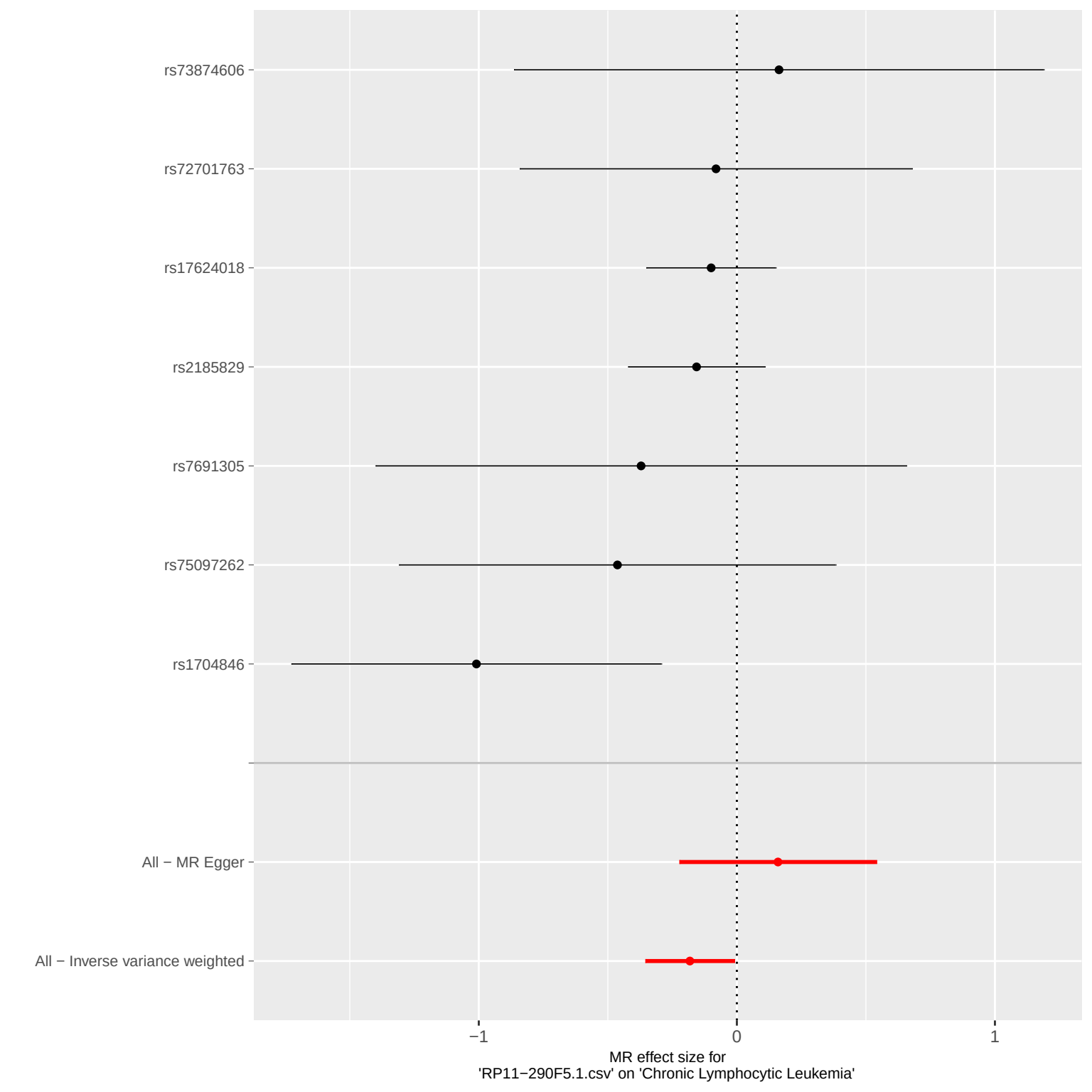
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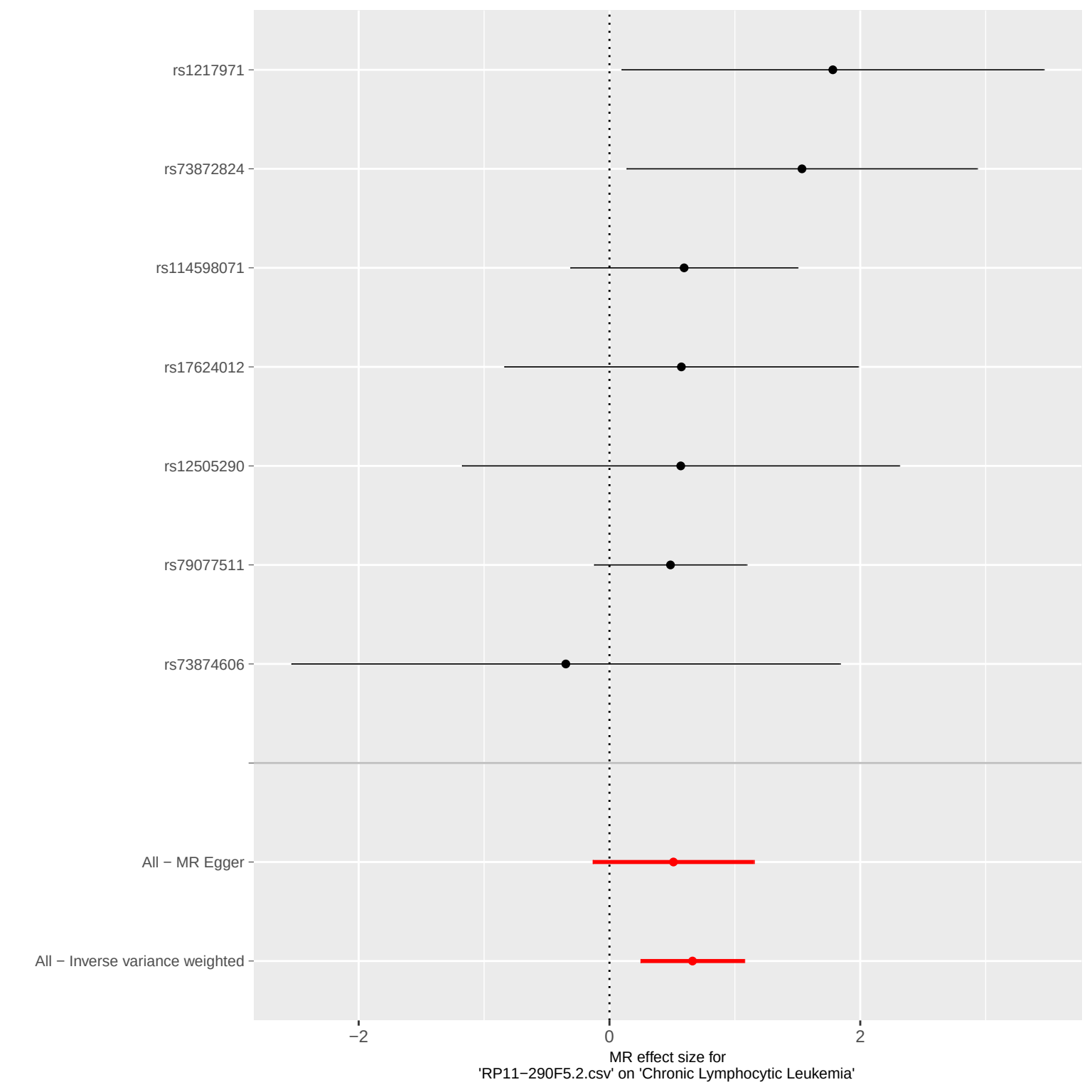
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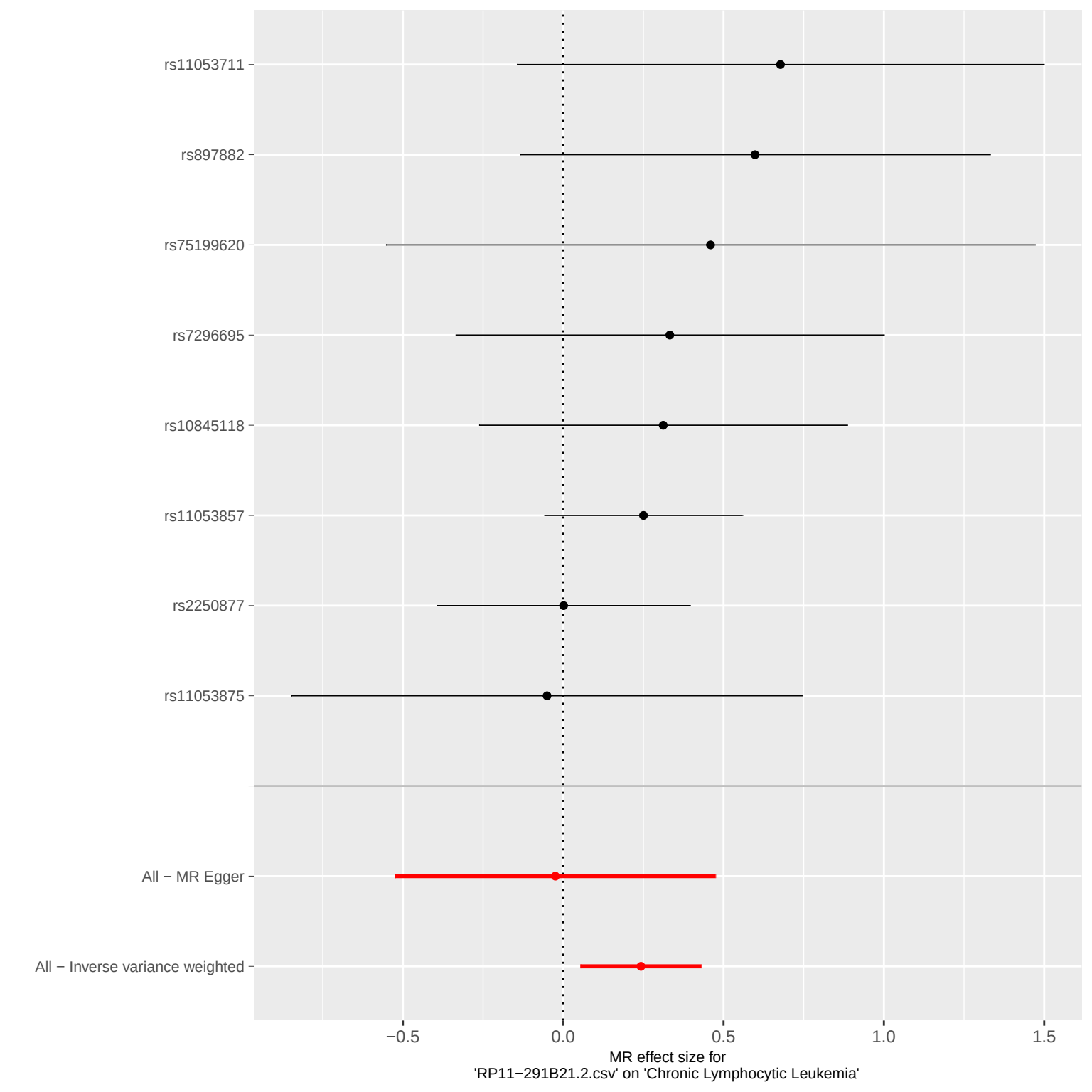
MR effect size for
'RP11−290F5.2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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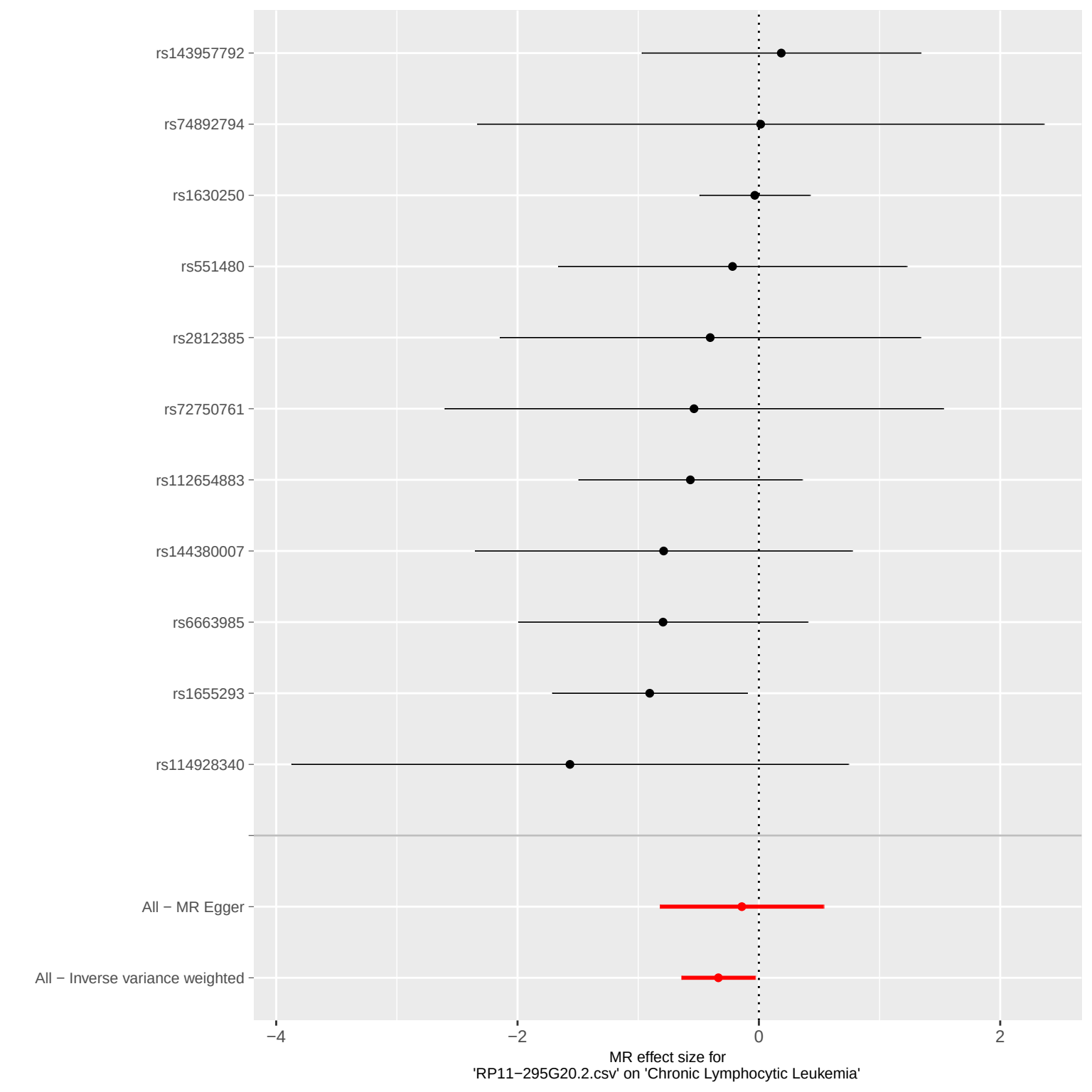
1.5
MR effect size for
'RP11−291B21.2.csv' on 'Chronic Lymphocytic Leukemia'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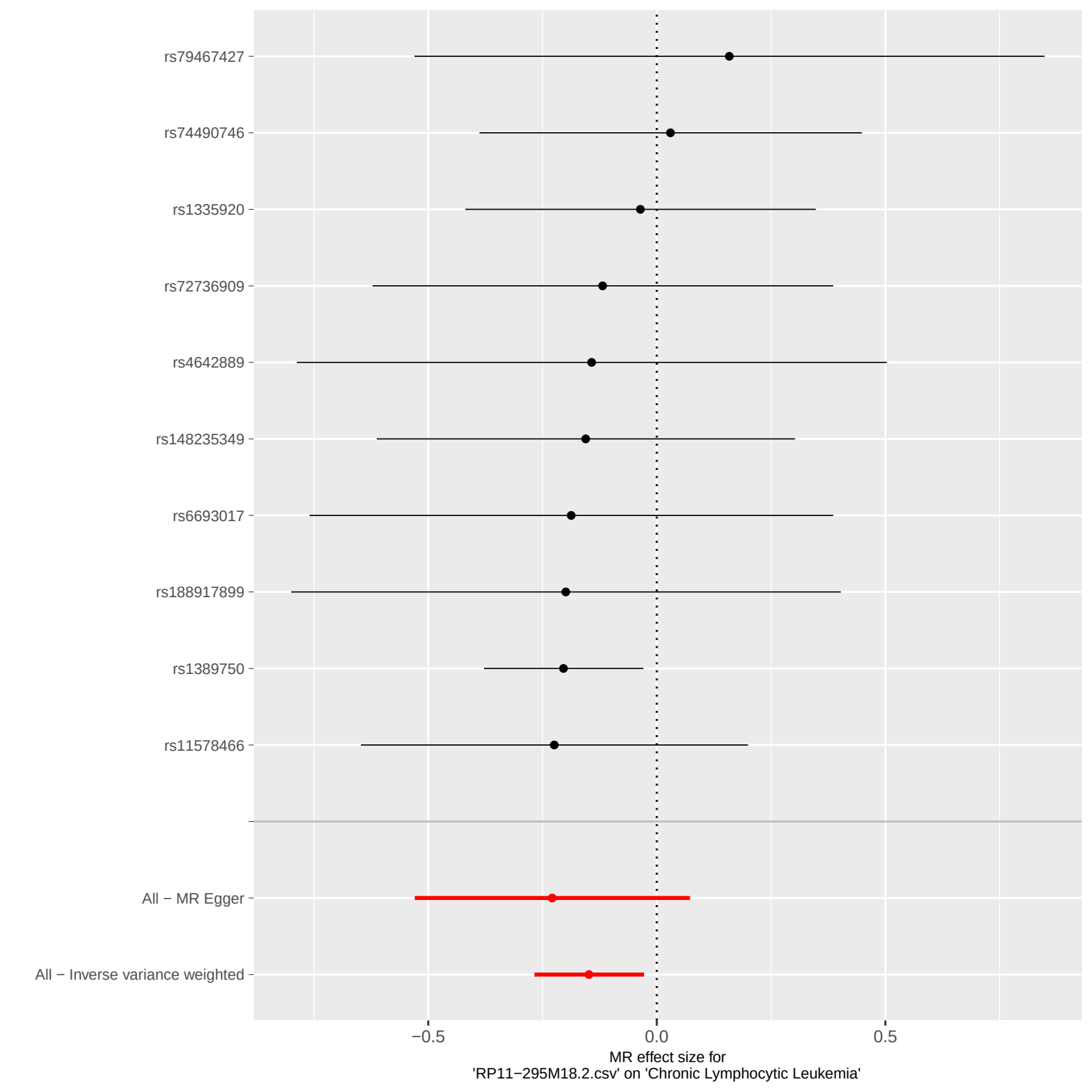
MR effect size for
'RP11−295G20.2.csv' on 'Chronic Lymphocytic Leukemia'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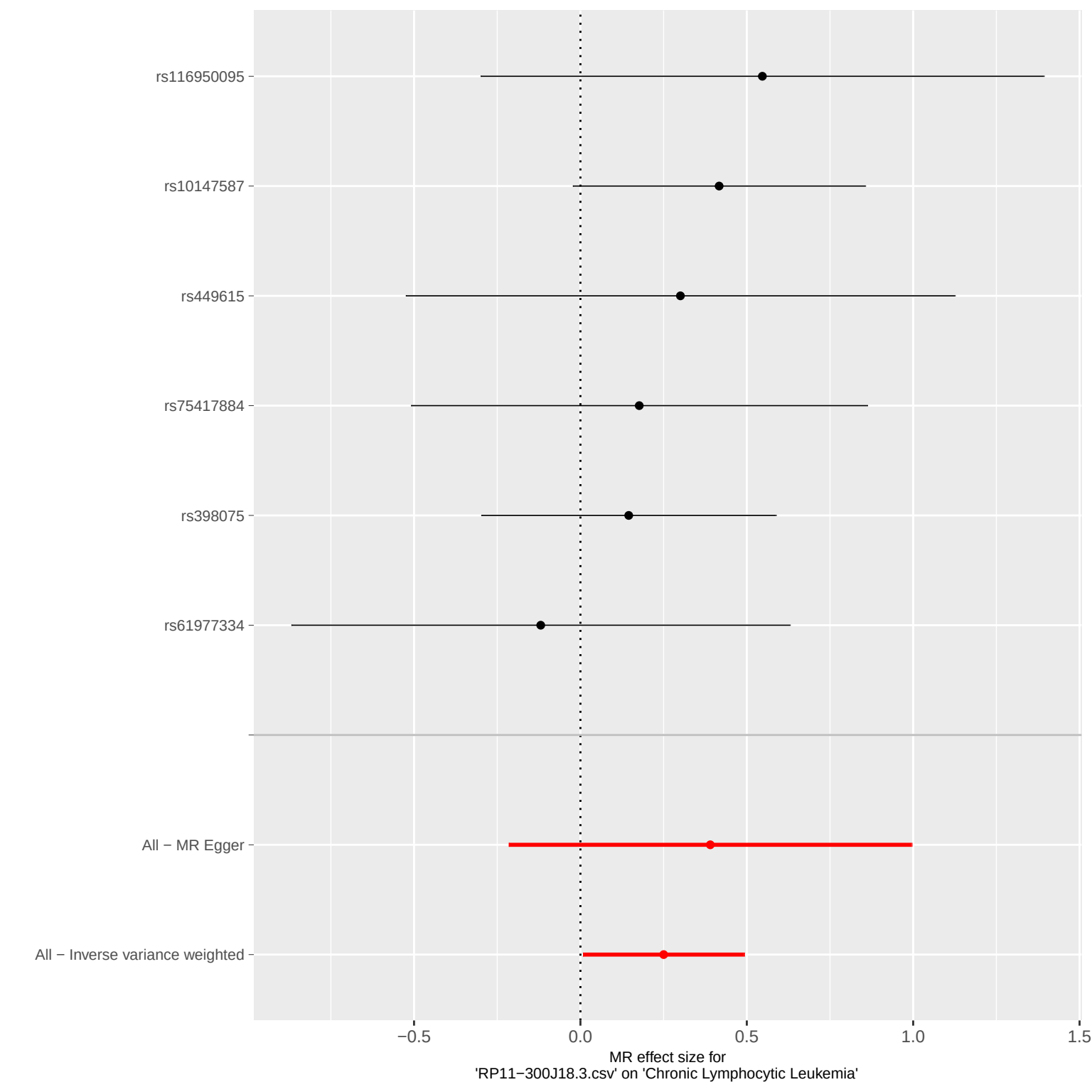
MR effect size for
'RP11−295M18.2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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0.5
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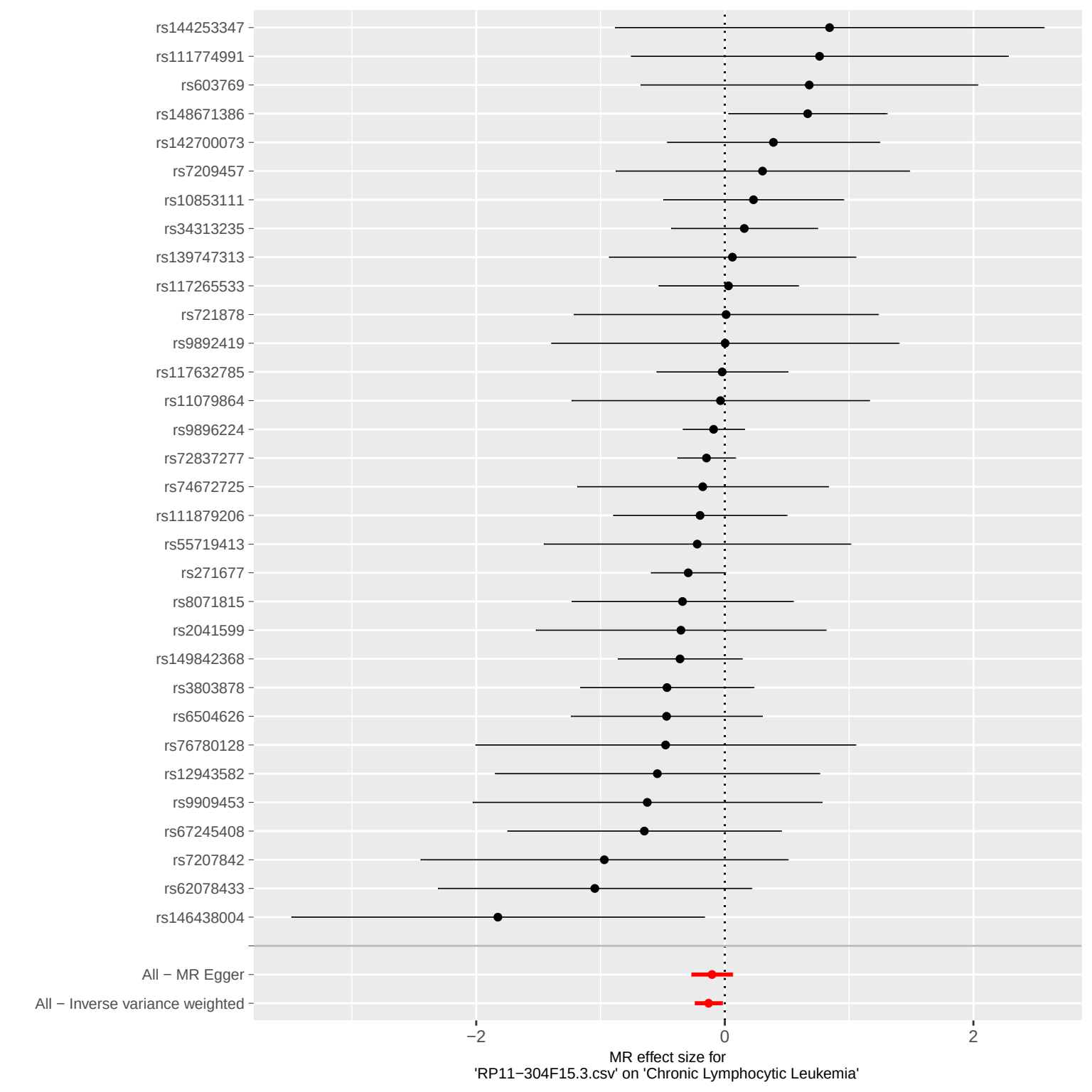
1.5
MR effect size for
'RP11−300J18.3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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MR effect size for
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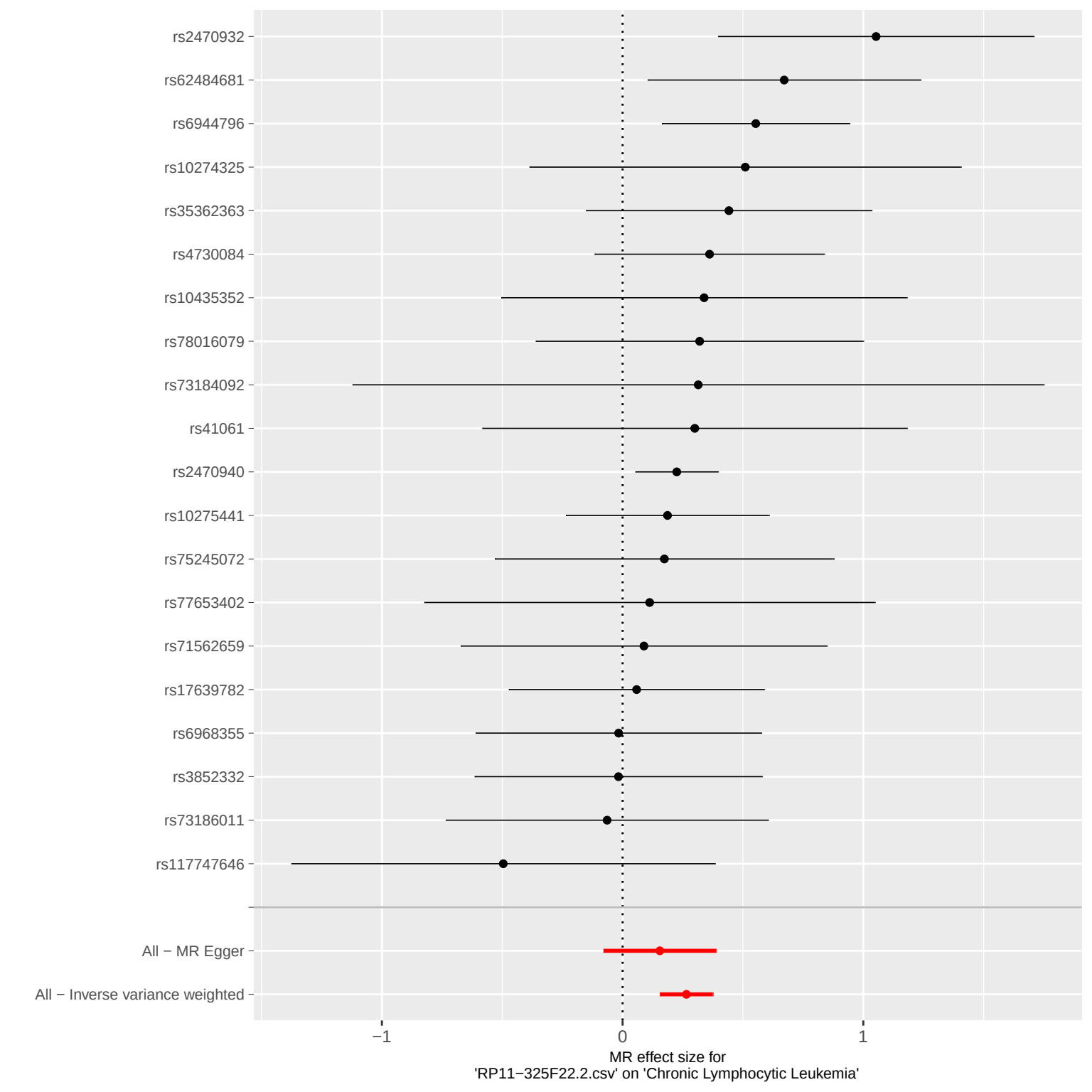
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All − Inverse variance weighted
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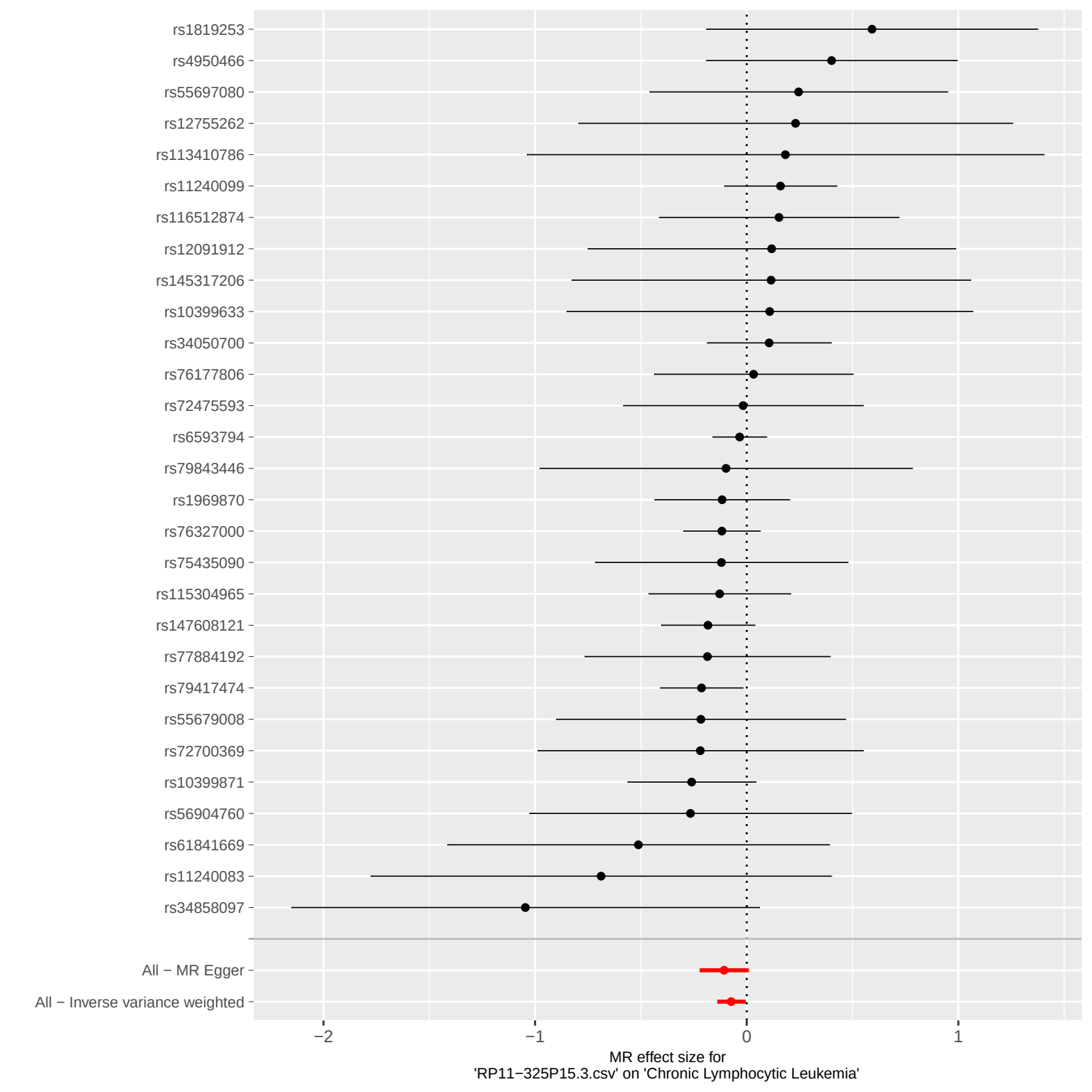
MR effect size for
'RP11−325F22.2.csv' on 'Chronic Lymphocytic Leukemia'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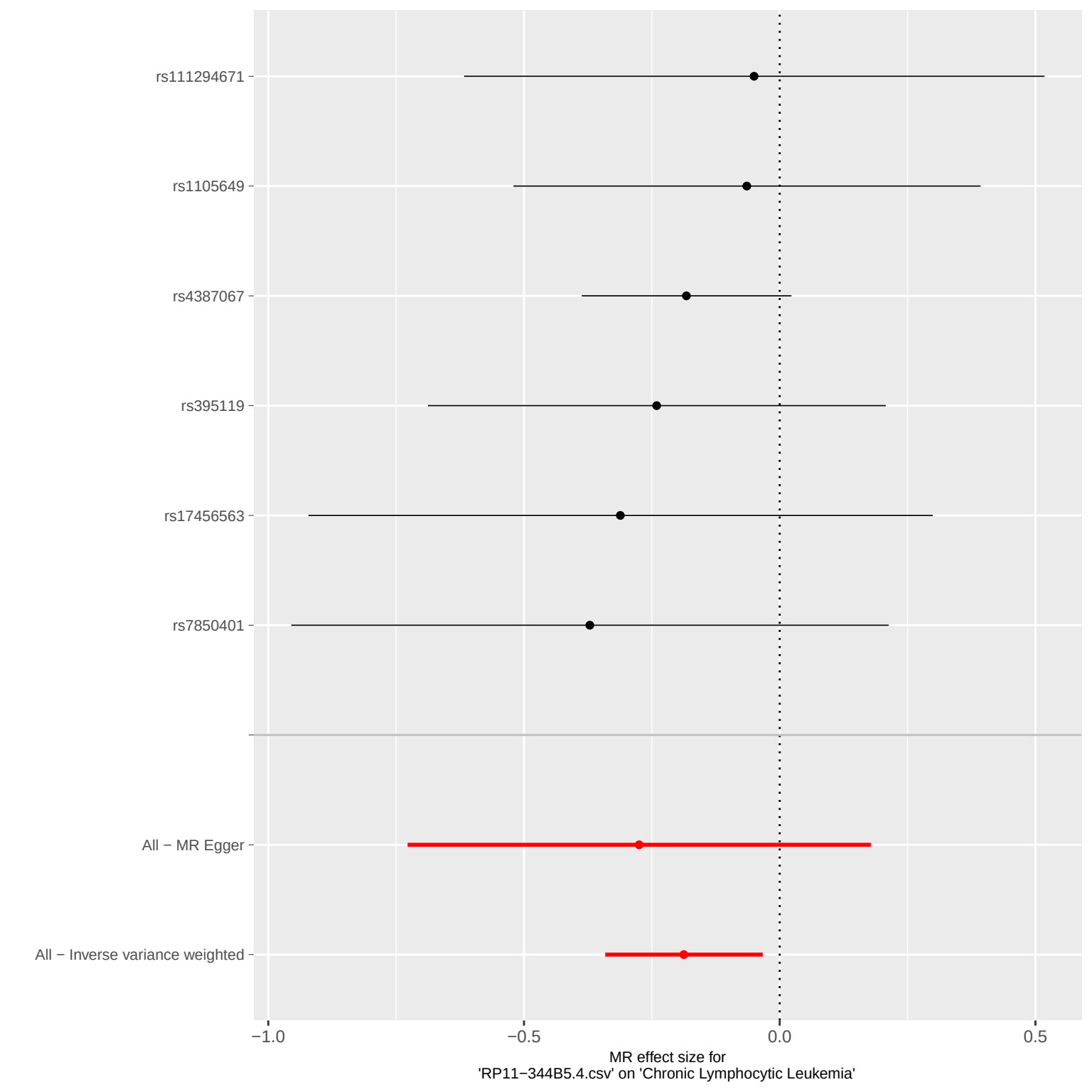
MR effect size for
'RP11−325P15.3.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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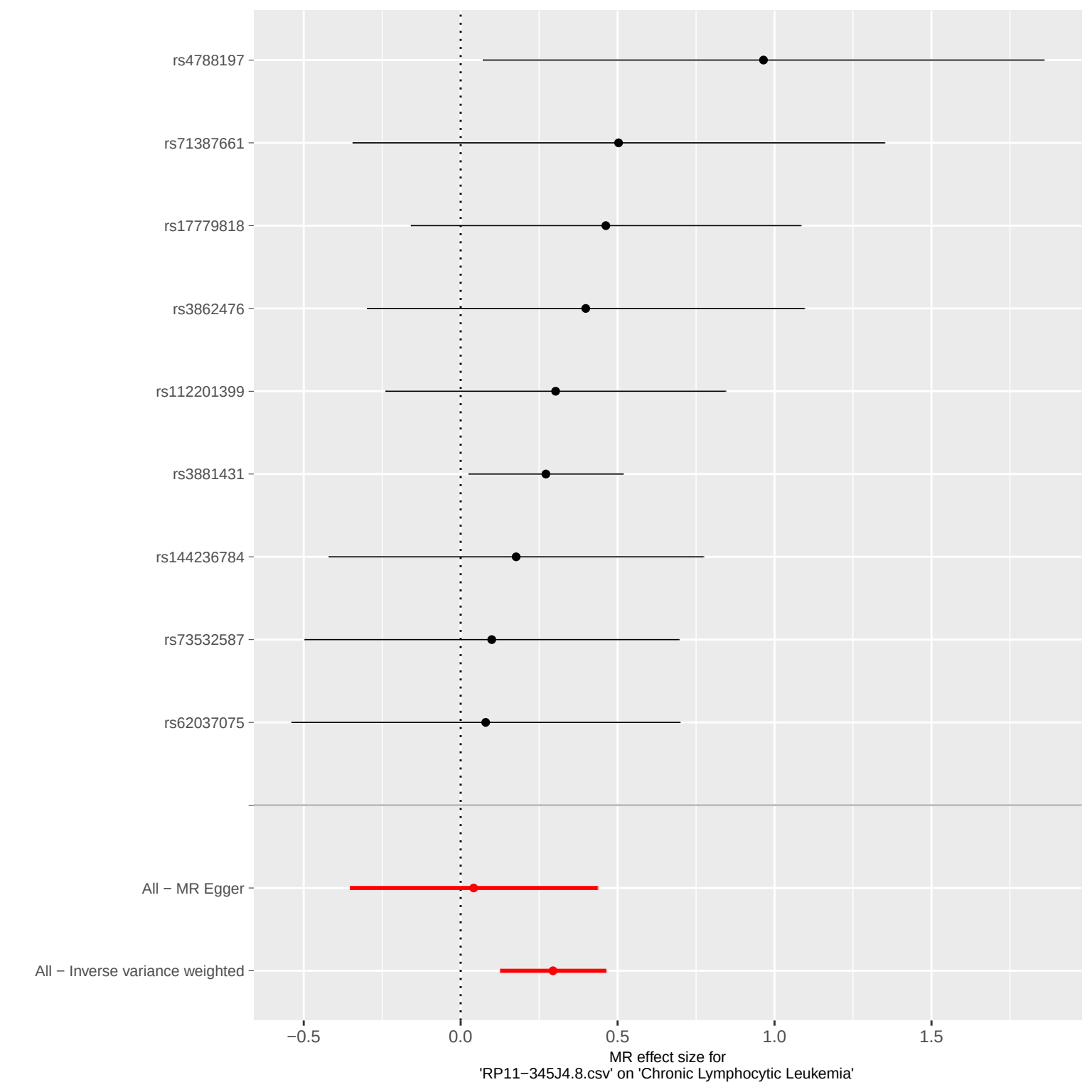
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All − Inverse variance weighted
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0.5
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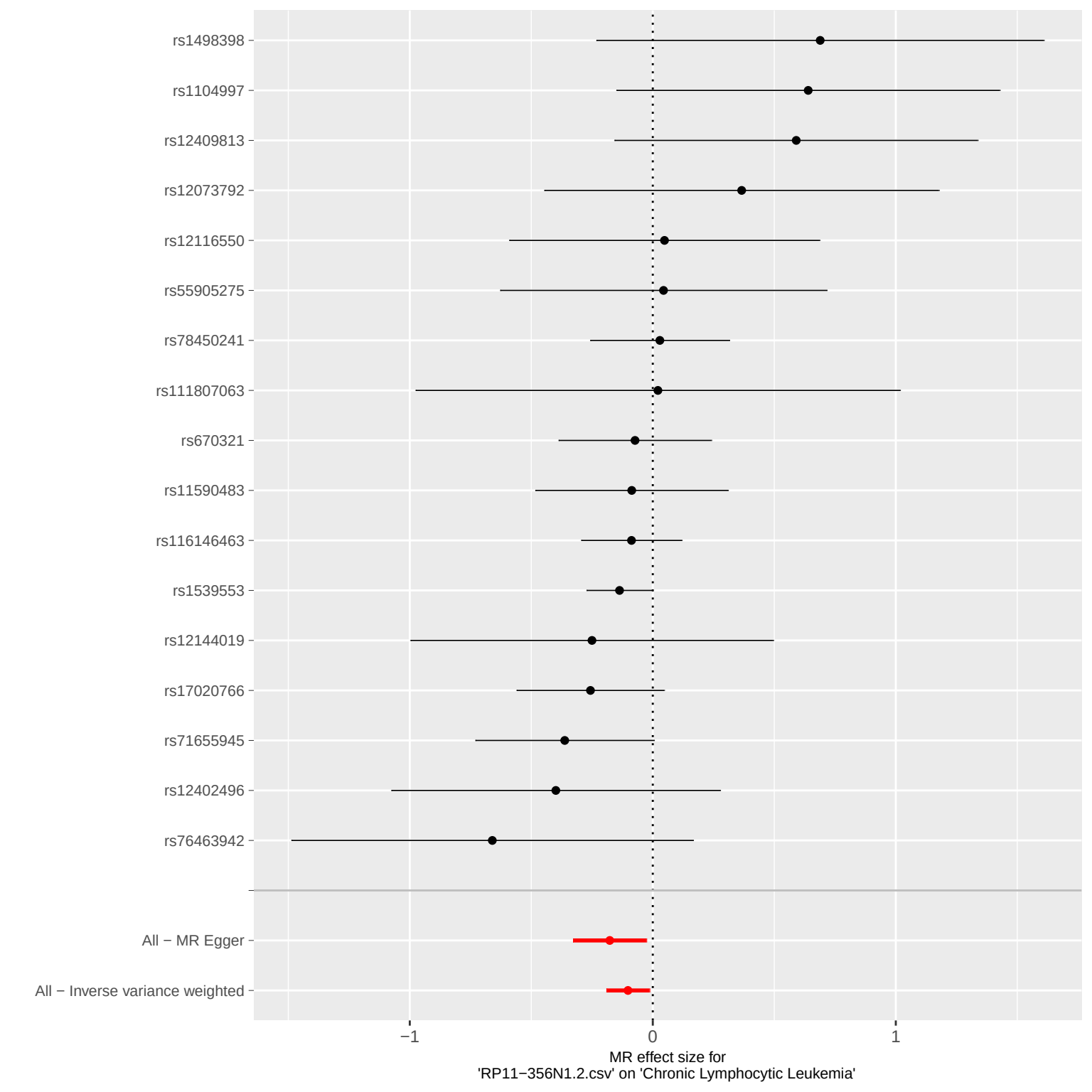
1.5
MR effect size for
'RP11−345J4.8.csv' on 'Chronic Lymphocytic Leukemia'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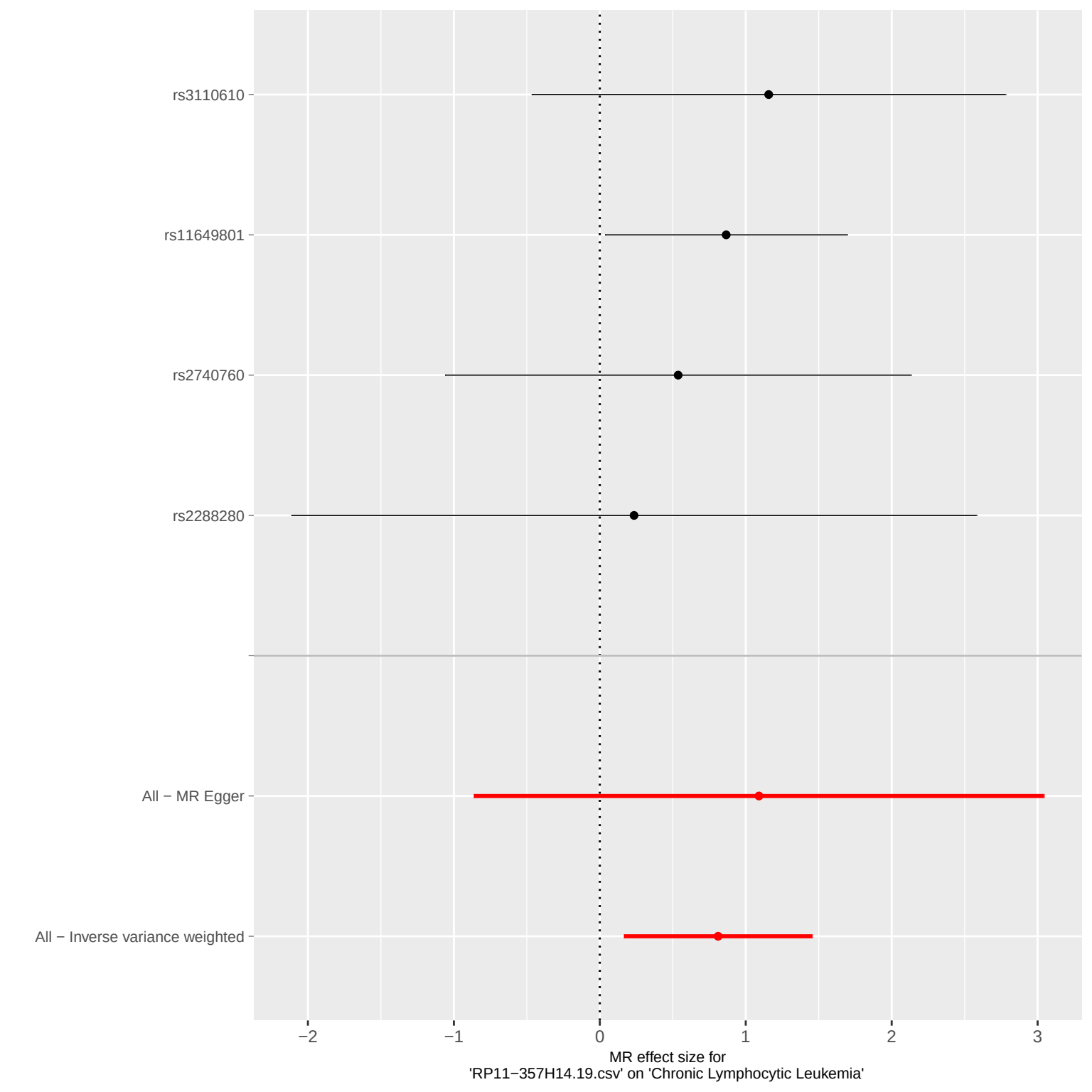
MR effect size for
'RP11−356N1.2.csv' on 'Chronic Lymphocytic Leukemia'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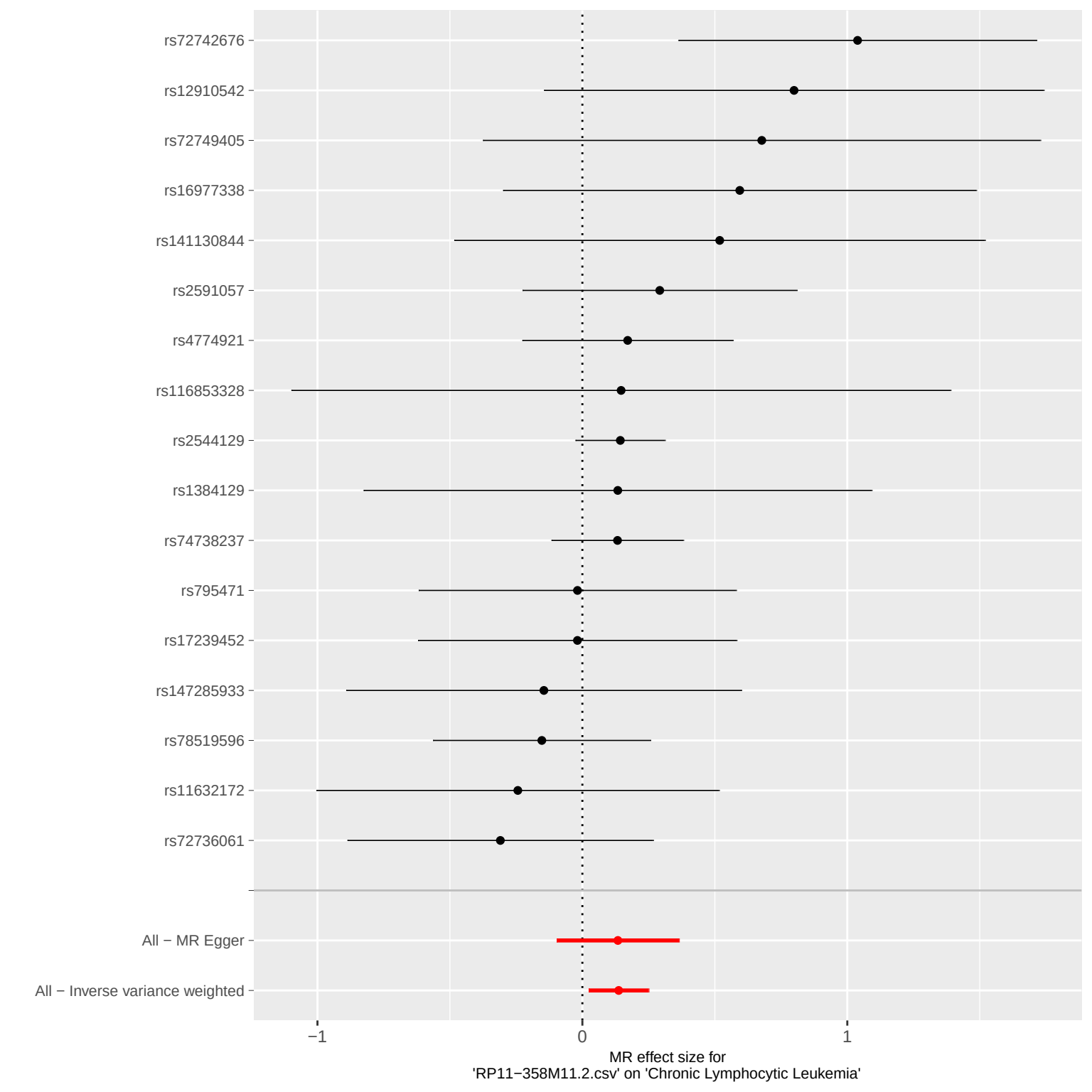
MR effect size for
'RP11−357H14.19.csv' on 'Chronic Lymphocytic Leukemia'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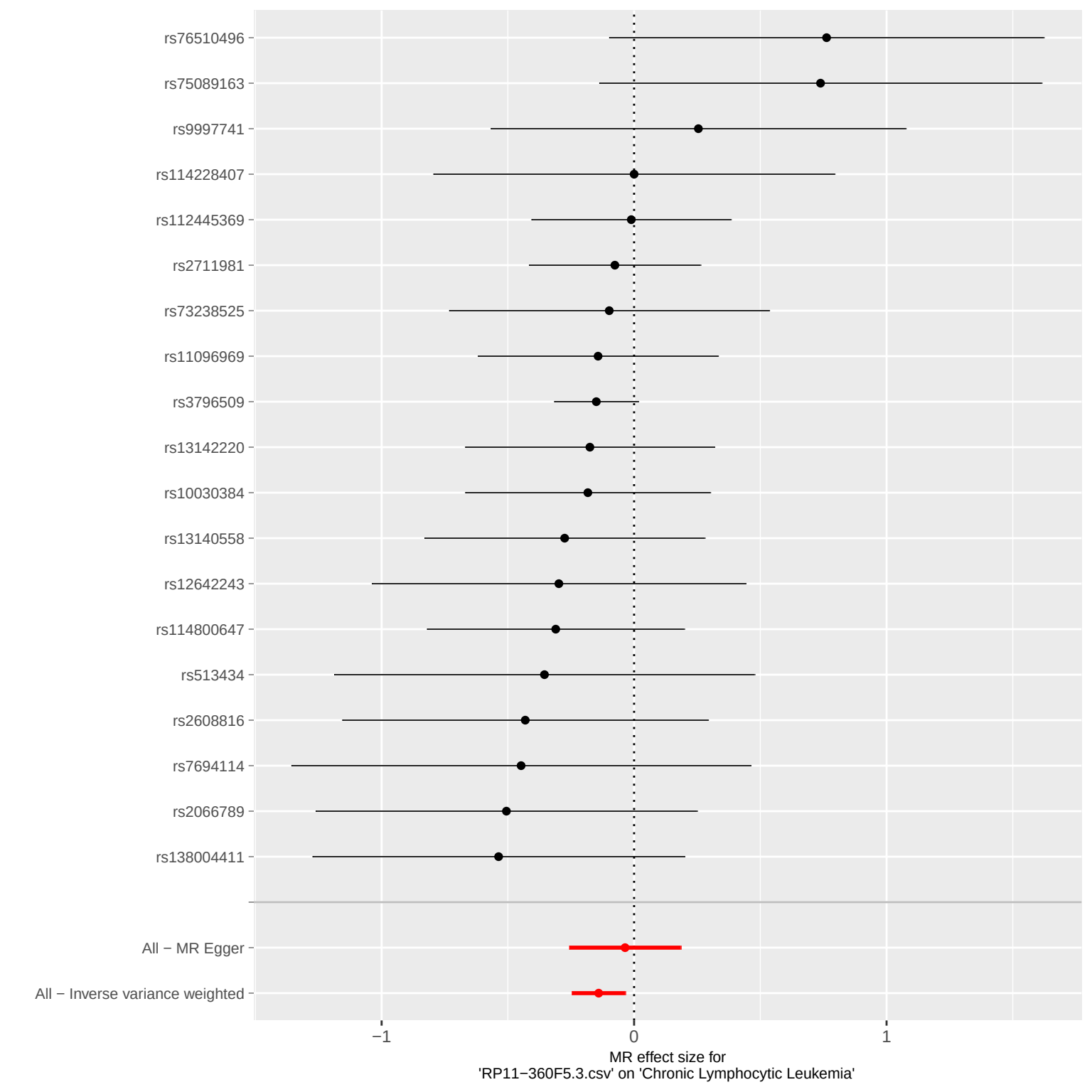
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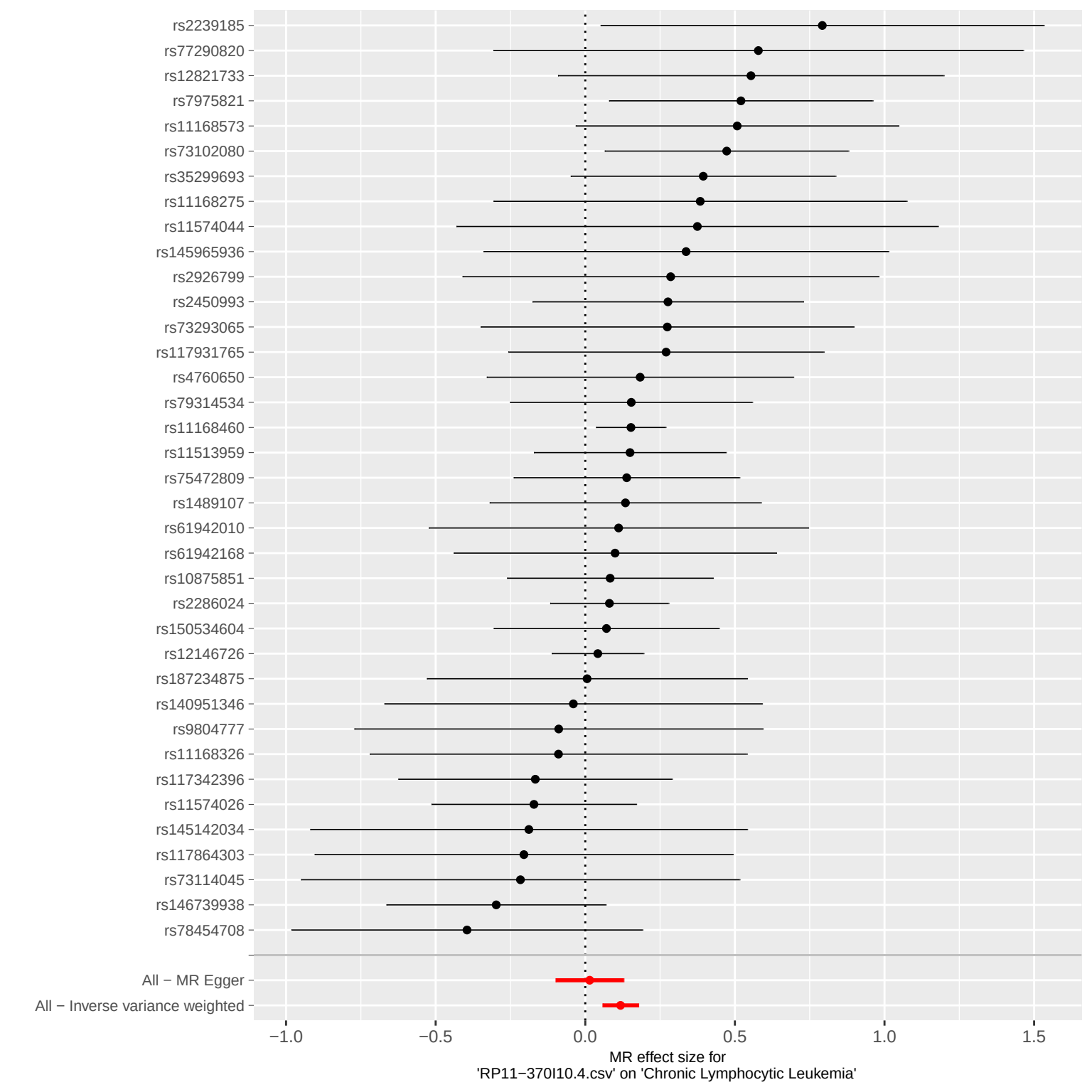
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MR effect size for
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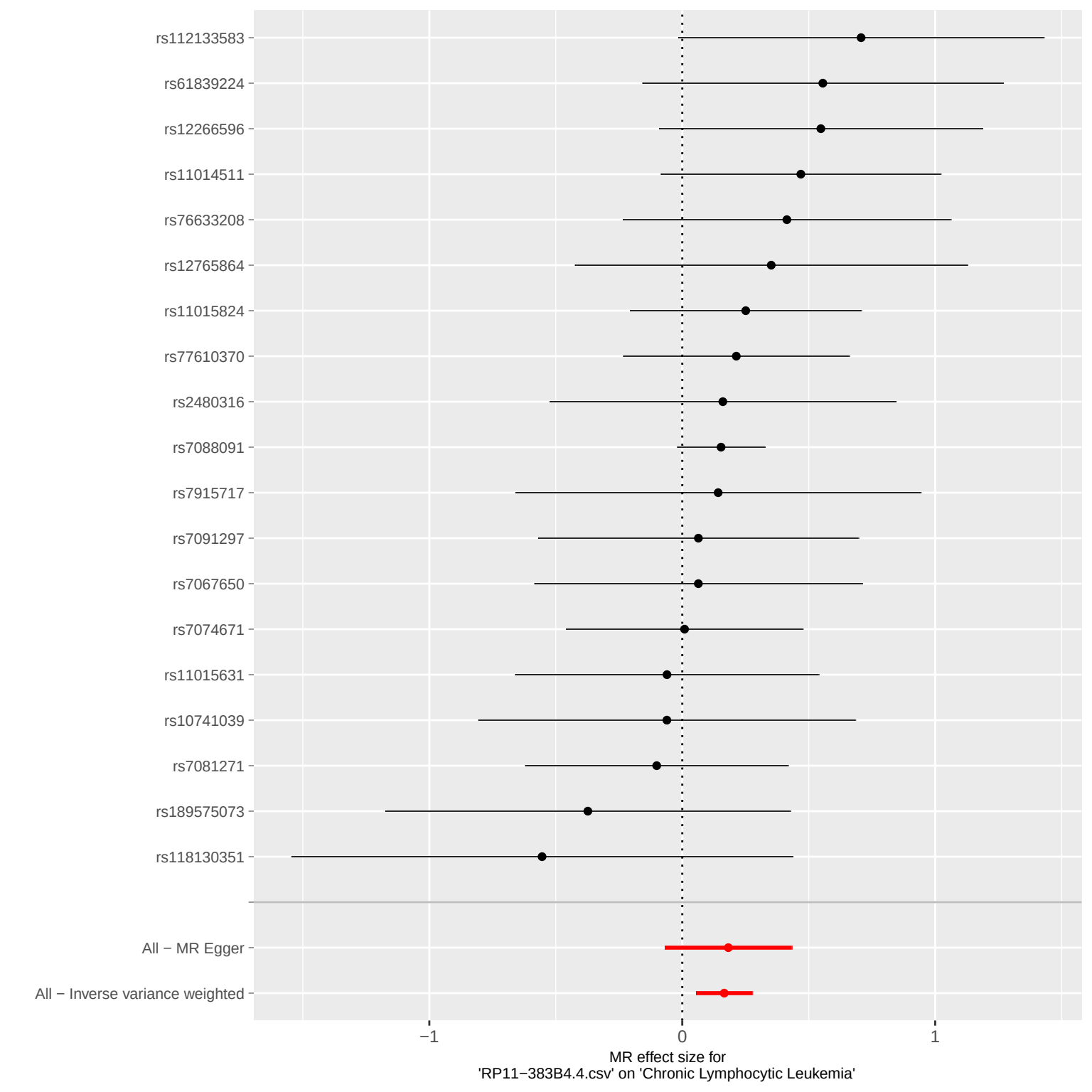
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MR effect size for
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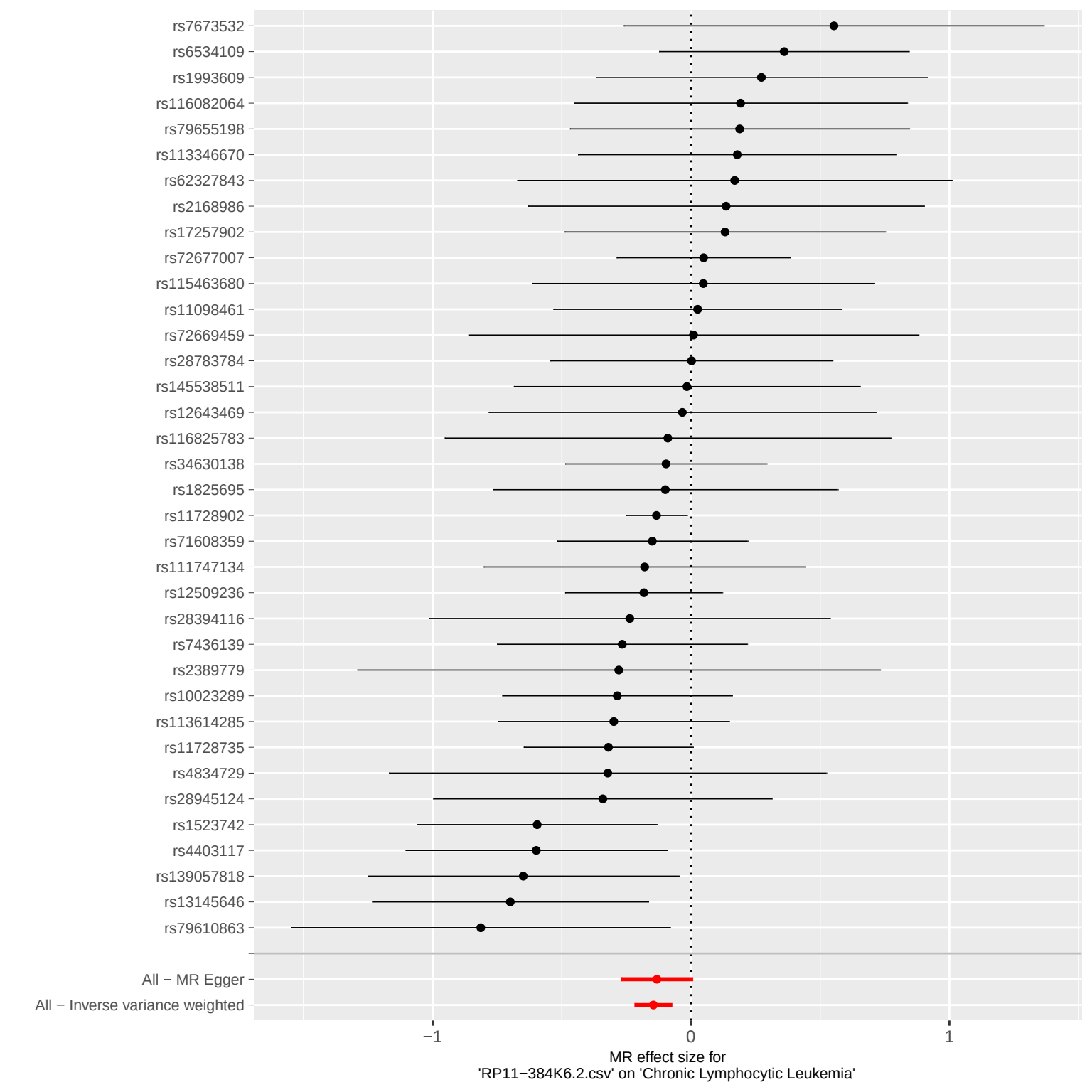
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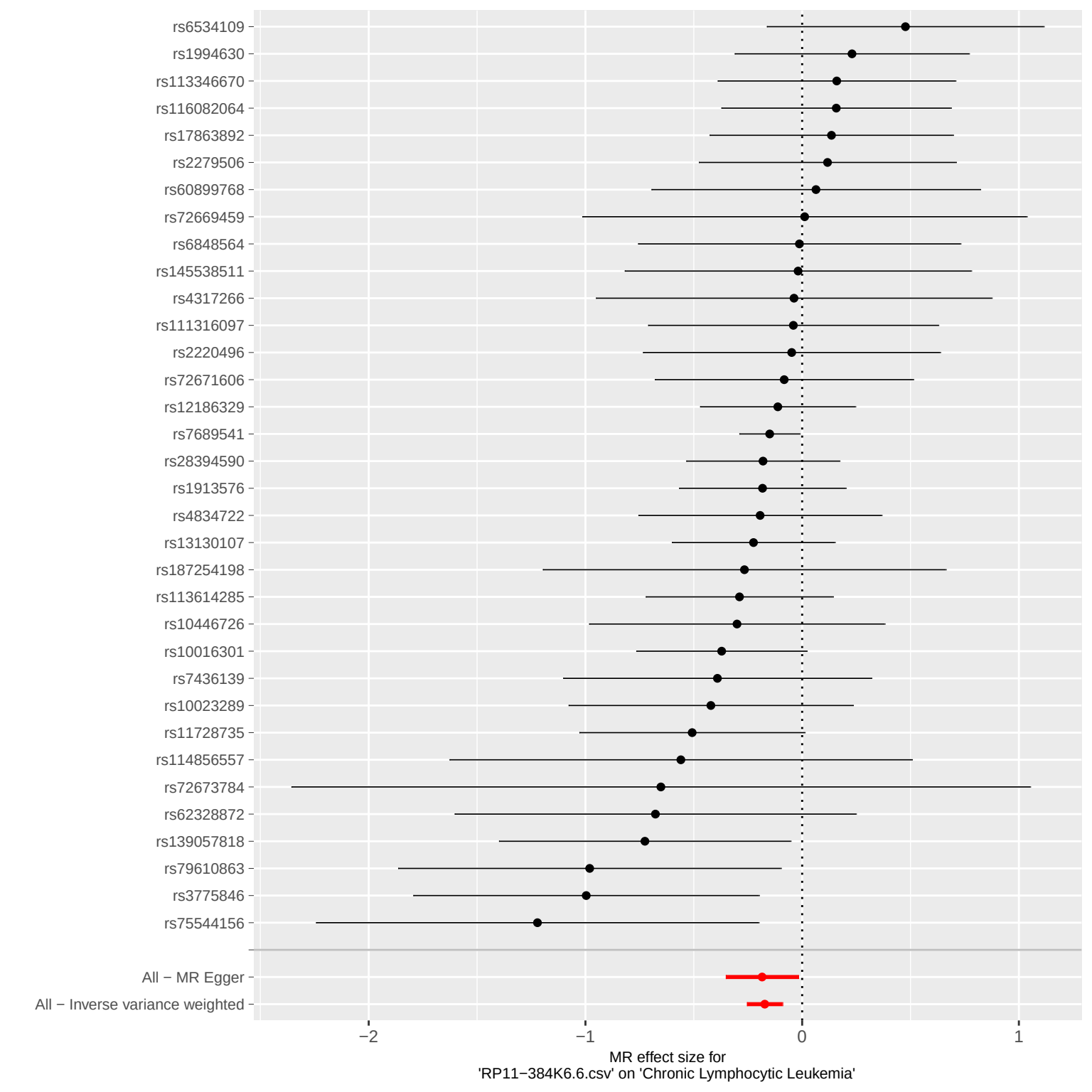
MR effect size for
'RP11−384K6.2.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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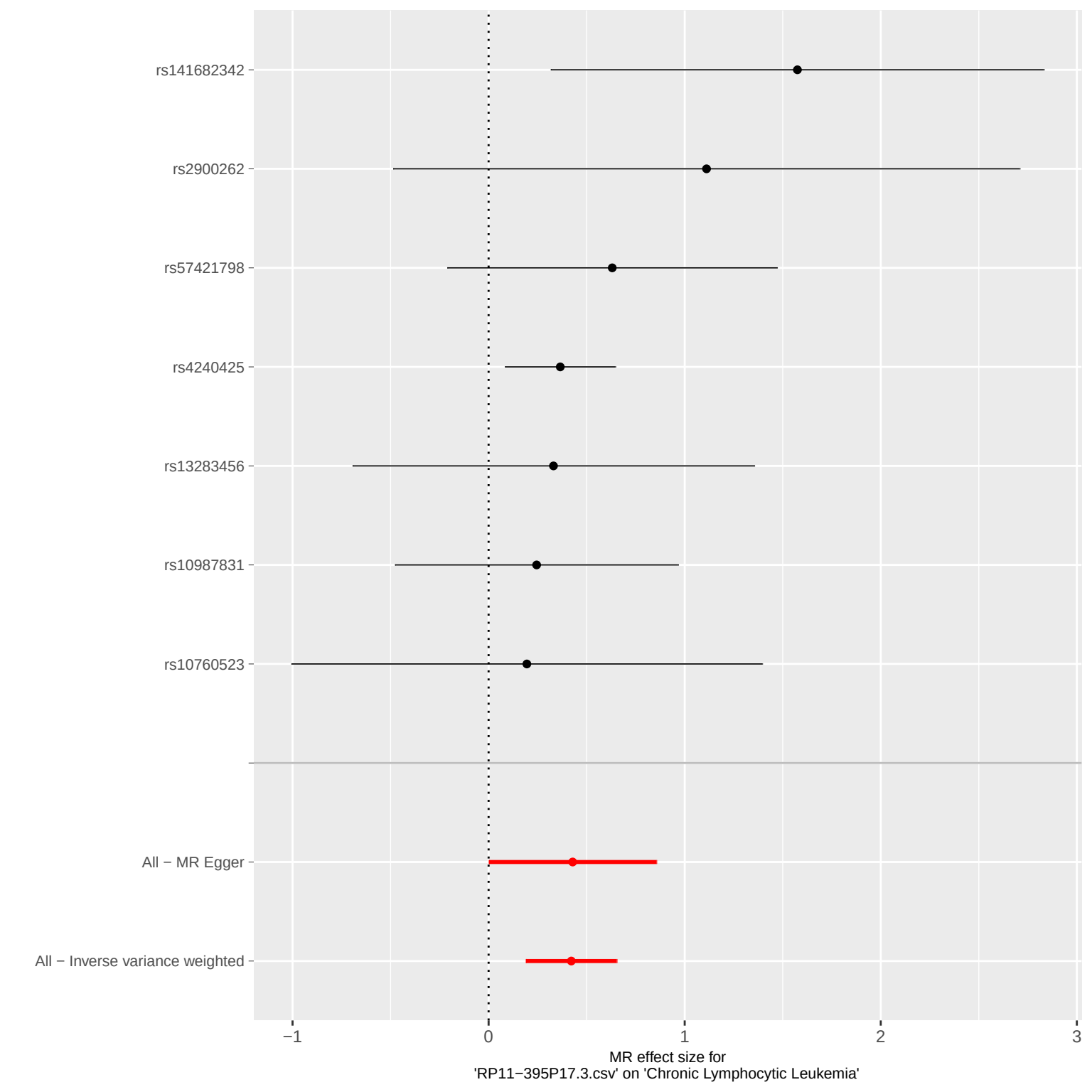
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MR effect size for
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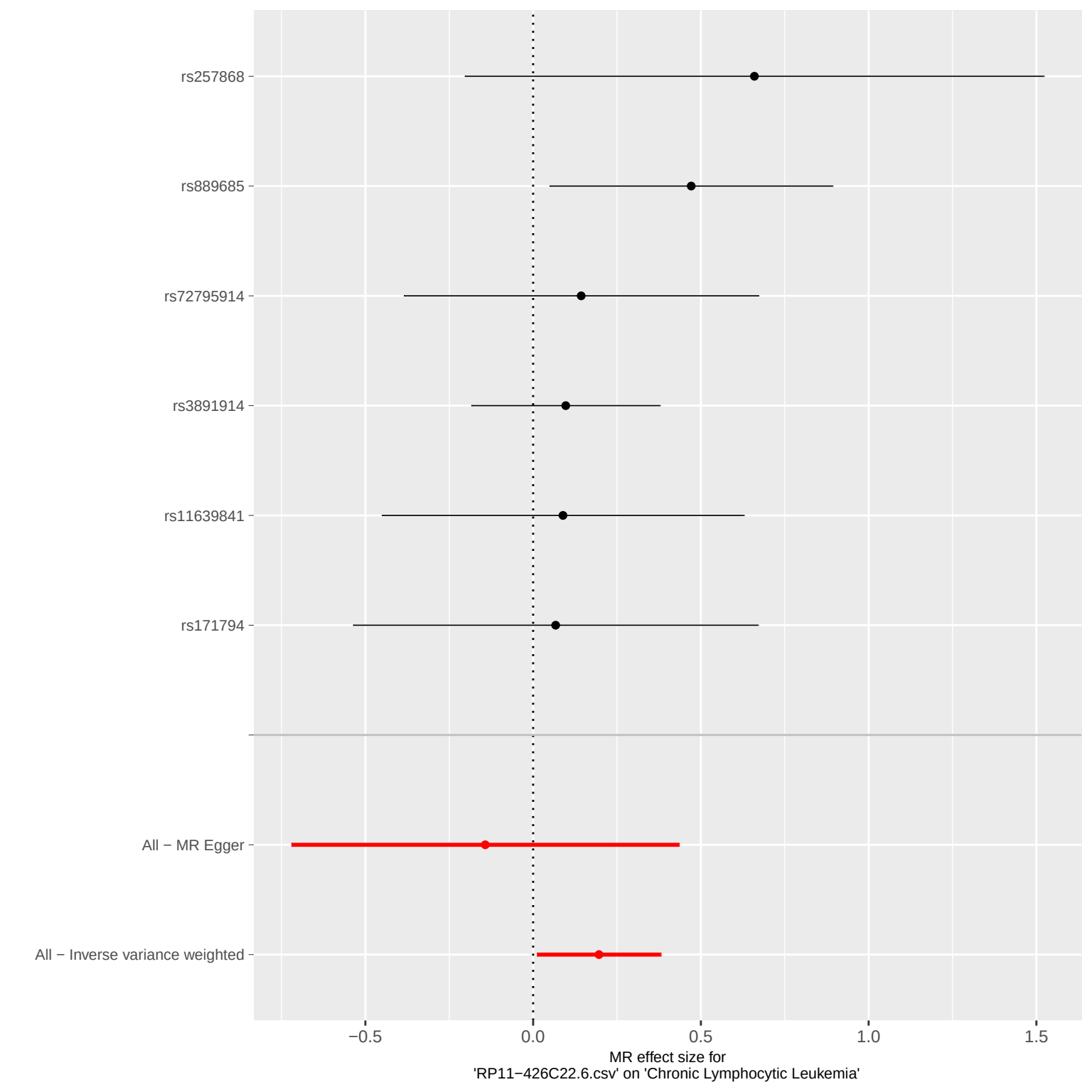
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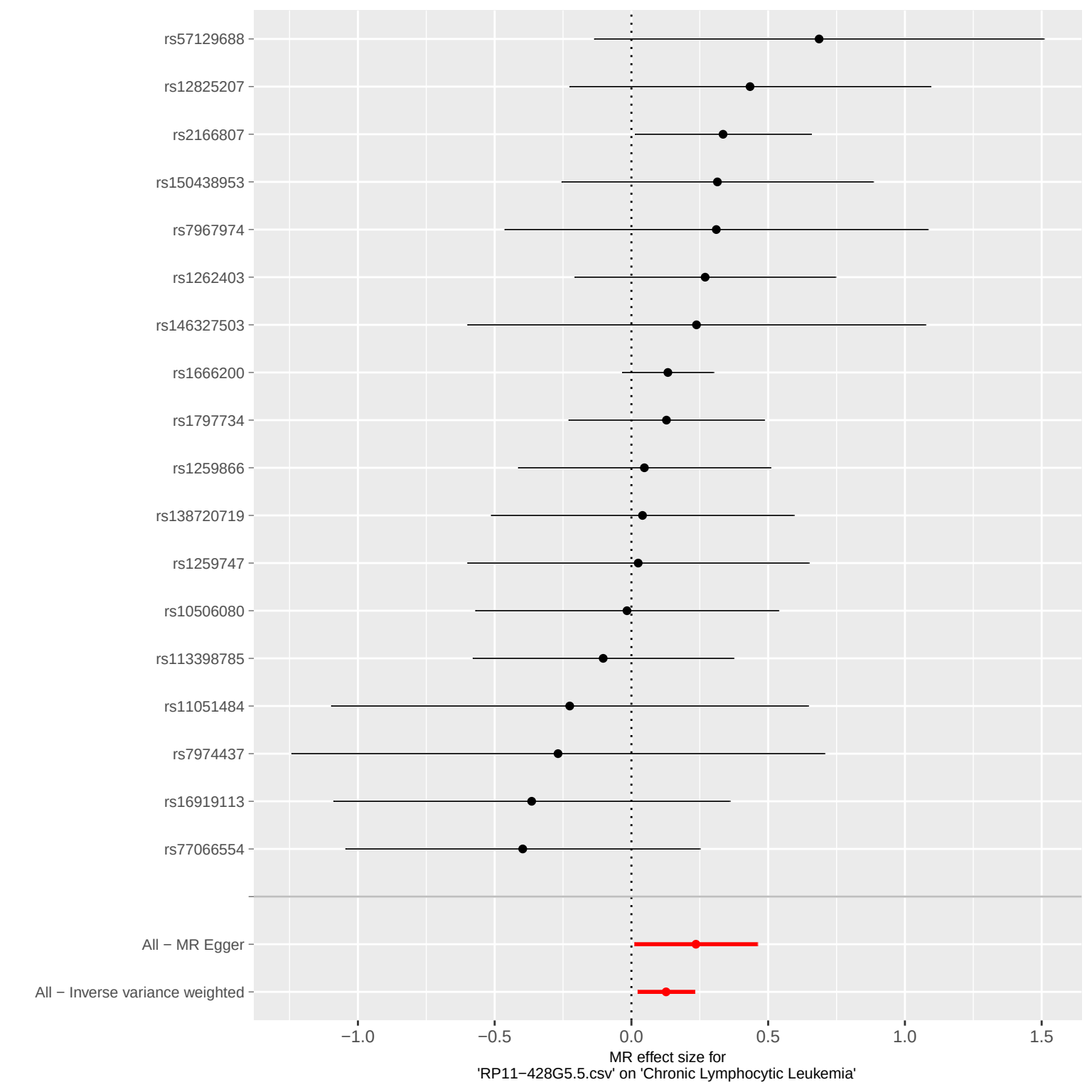
MR effect size for
'RP11−426C22.6.csv' on 'Chronic Lymphocytic Leukemia'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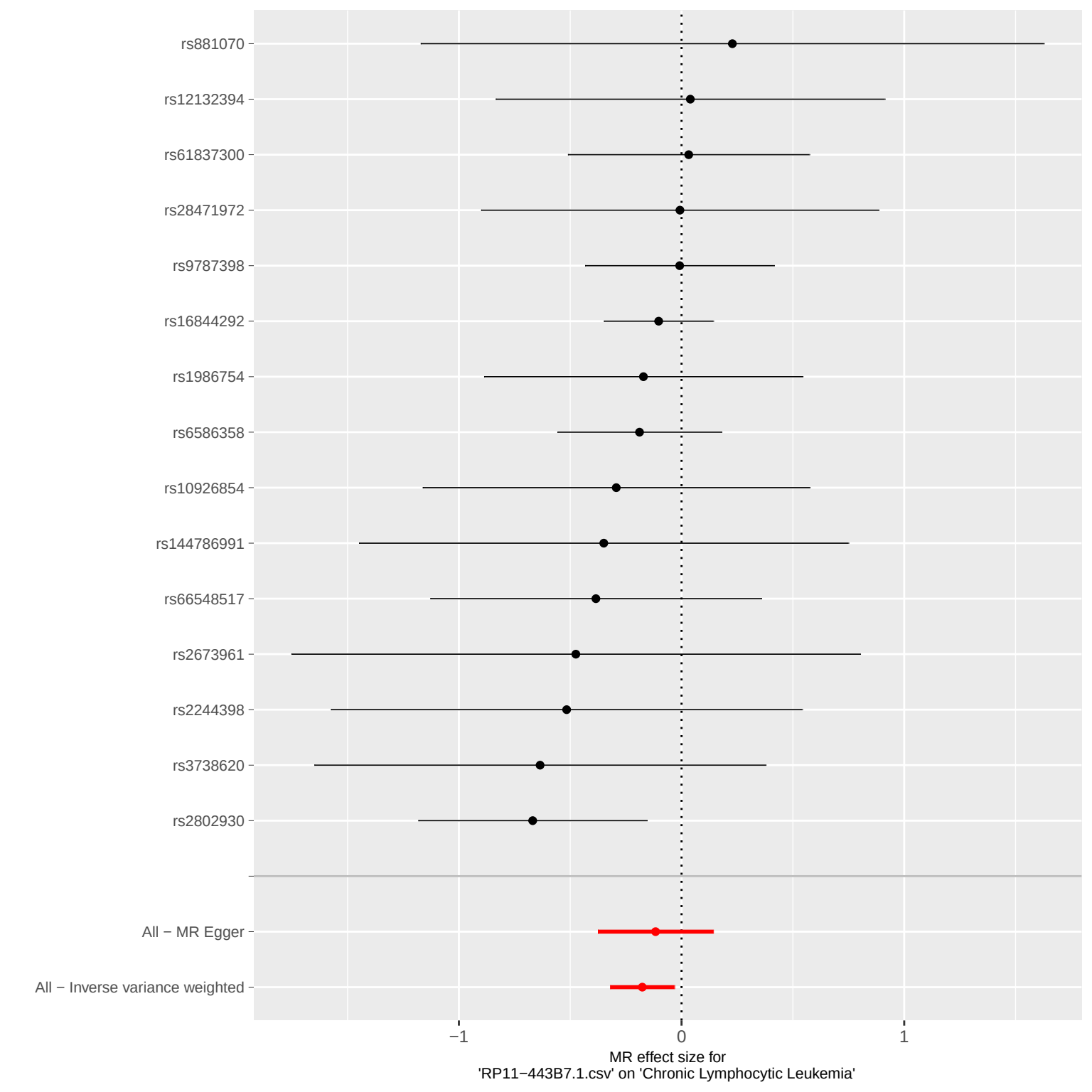
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All − Inverse variance weighted
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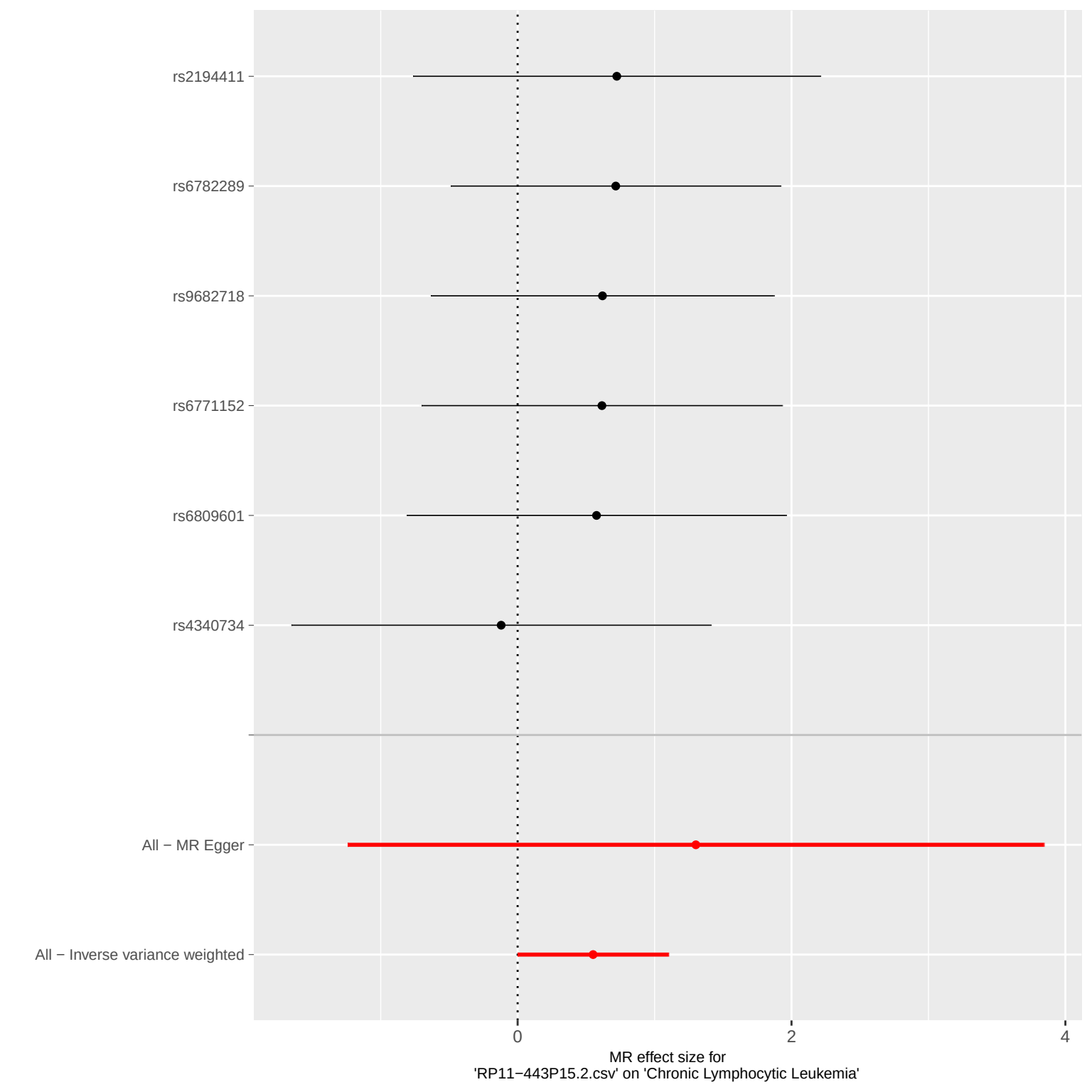
MR effect size for
'RP11−443B7.1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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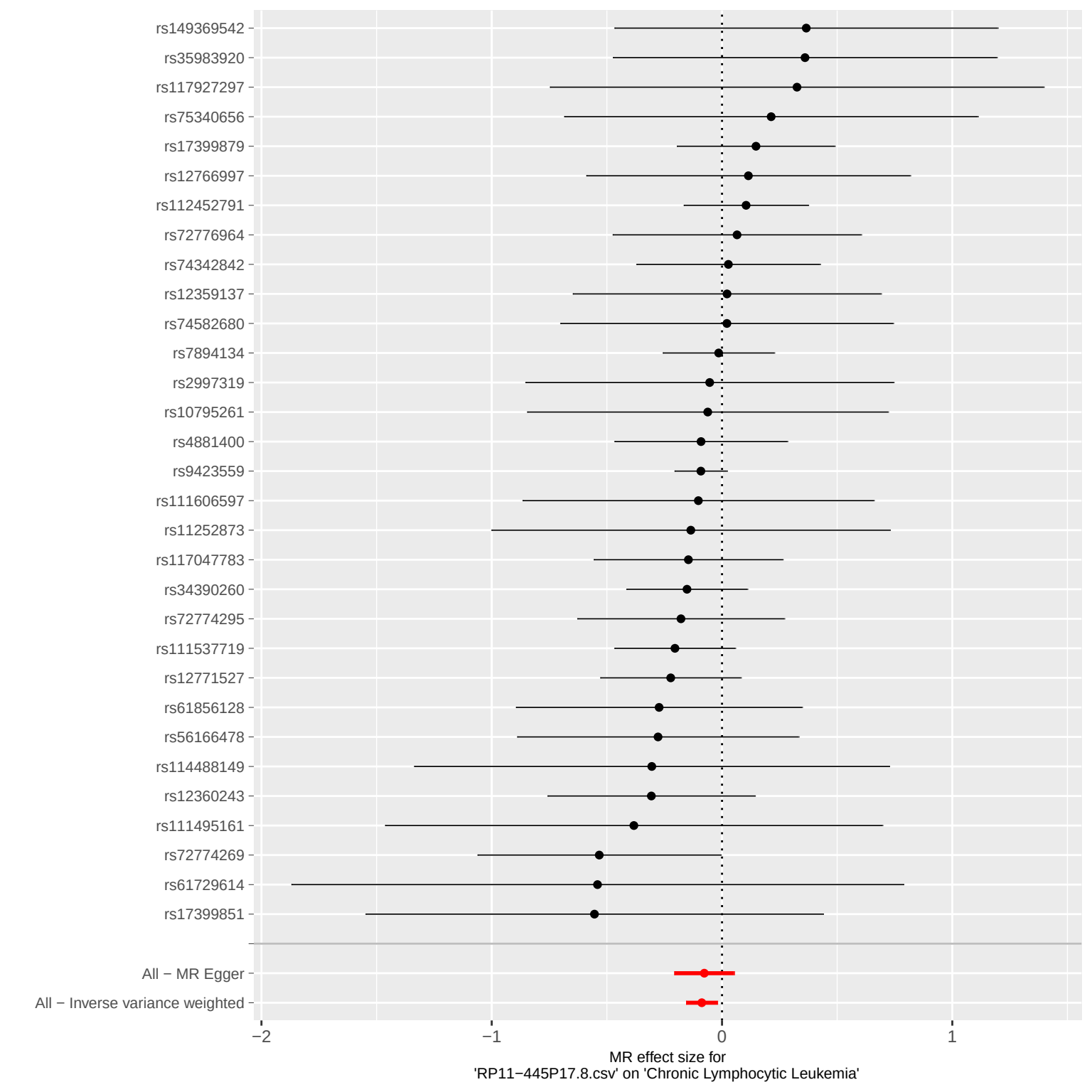
MR effect size for
'RP11−443P15.2.csv' on 'Chronic Lymphocytic Leukemia'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rs72774269
rs61729614
rs17399851
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All − Inverse variance weighted
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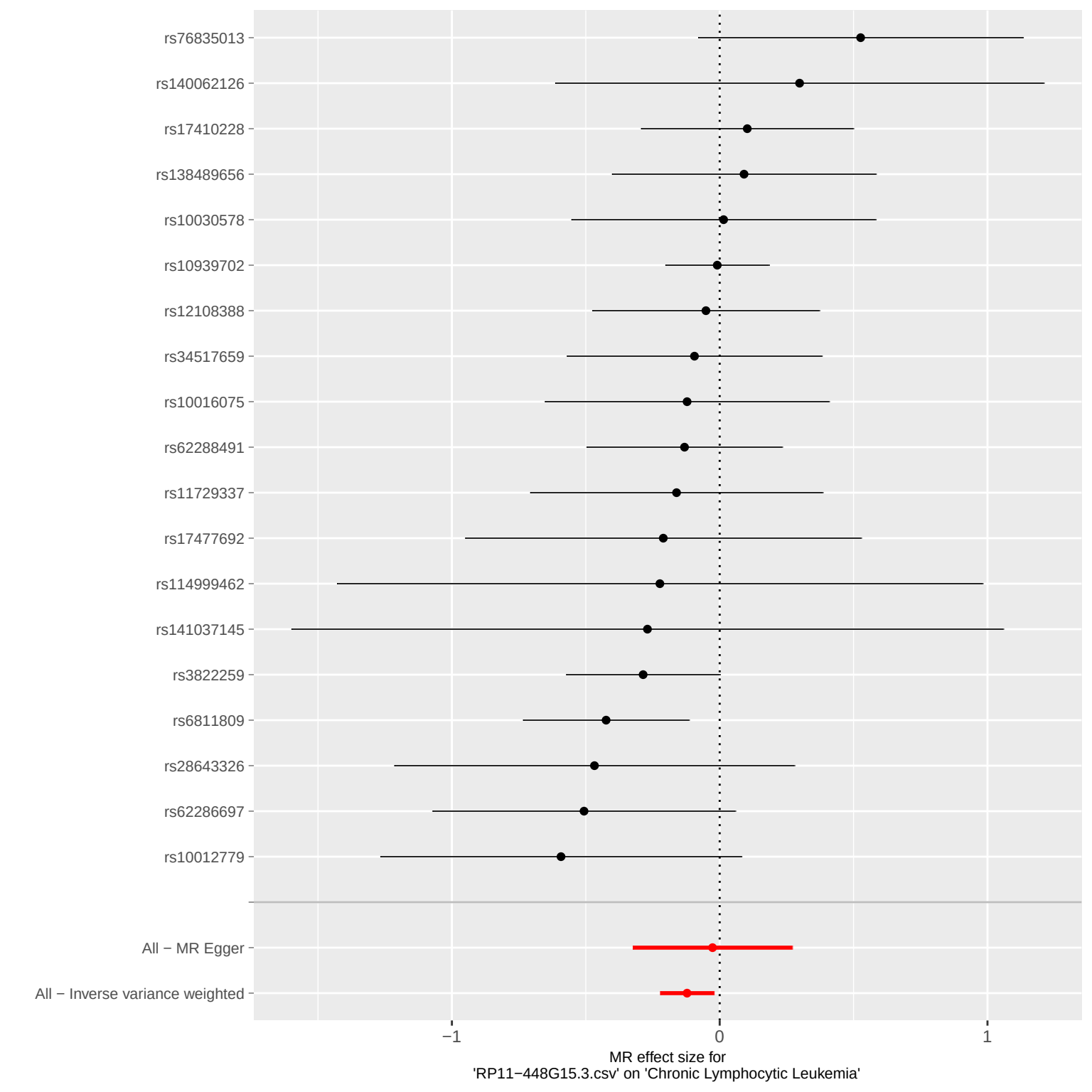
MR effect size for
'RP11−445P17.8.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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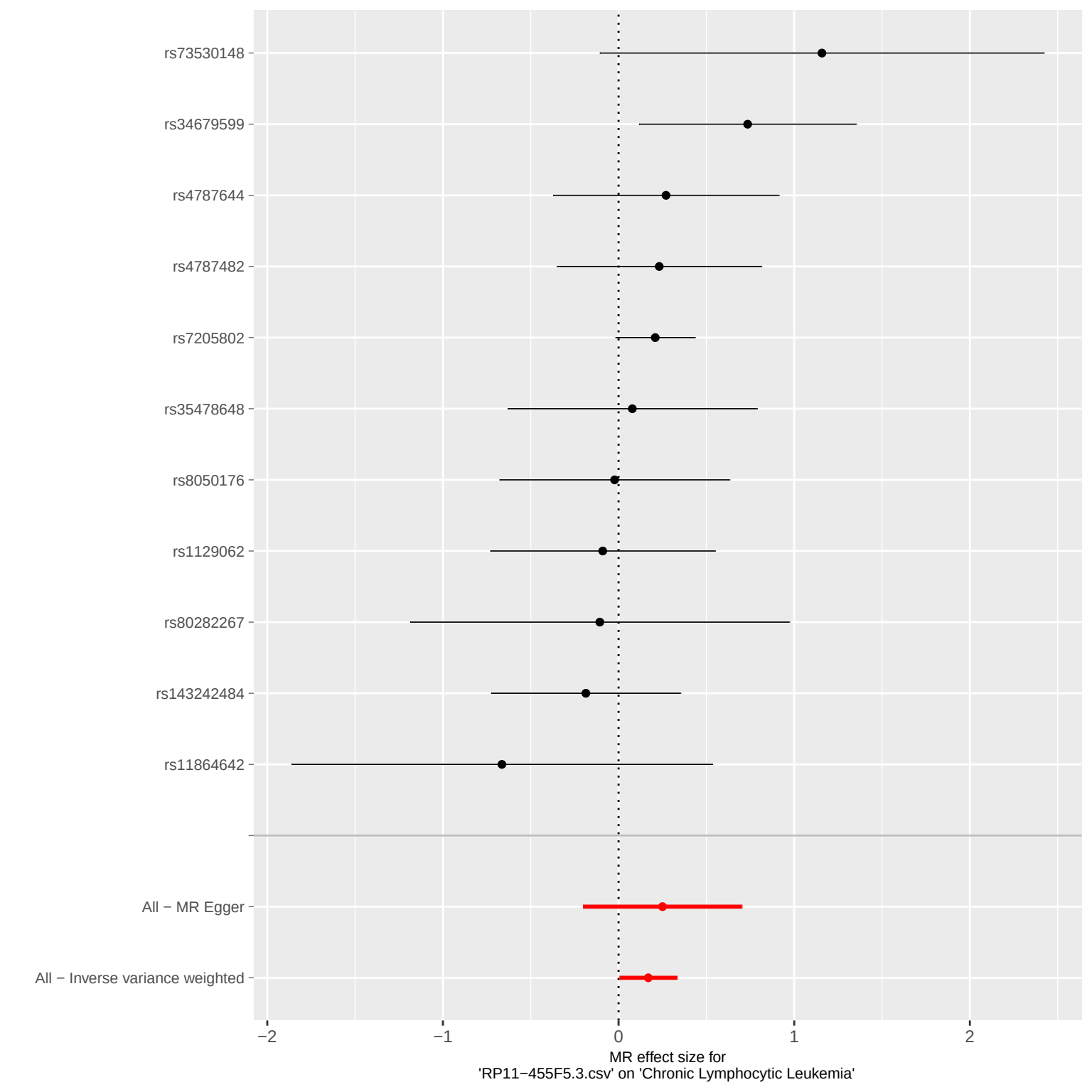
MR effect size for
'RP11−448G15.3.csv' on 'Chronic Lymphocytic Leukemia'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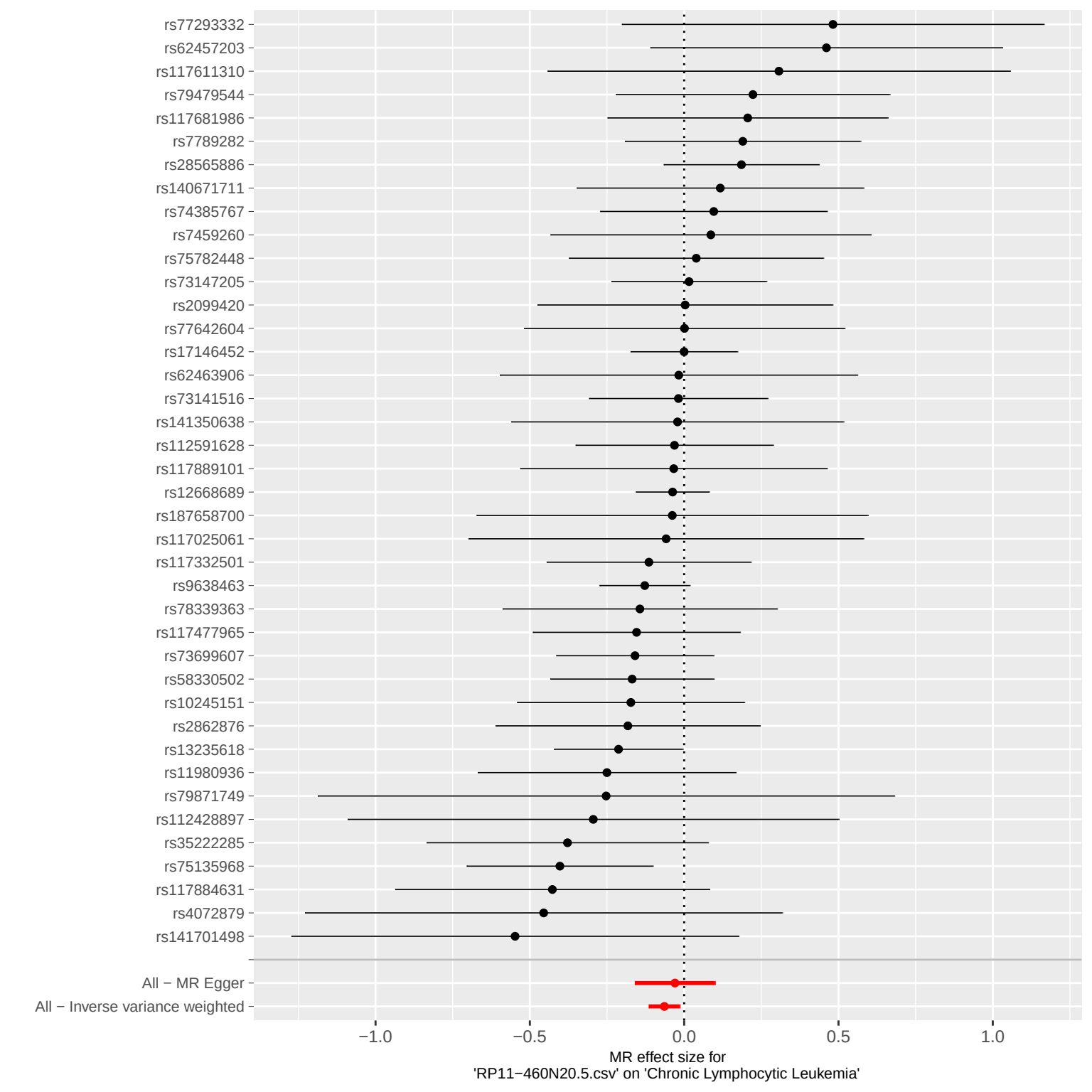
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RP11−455F5.3.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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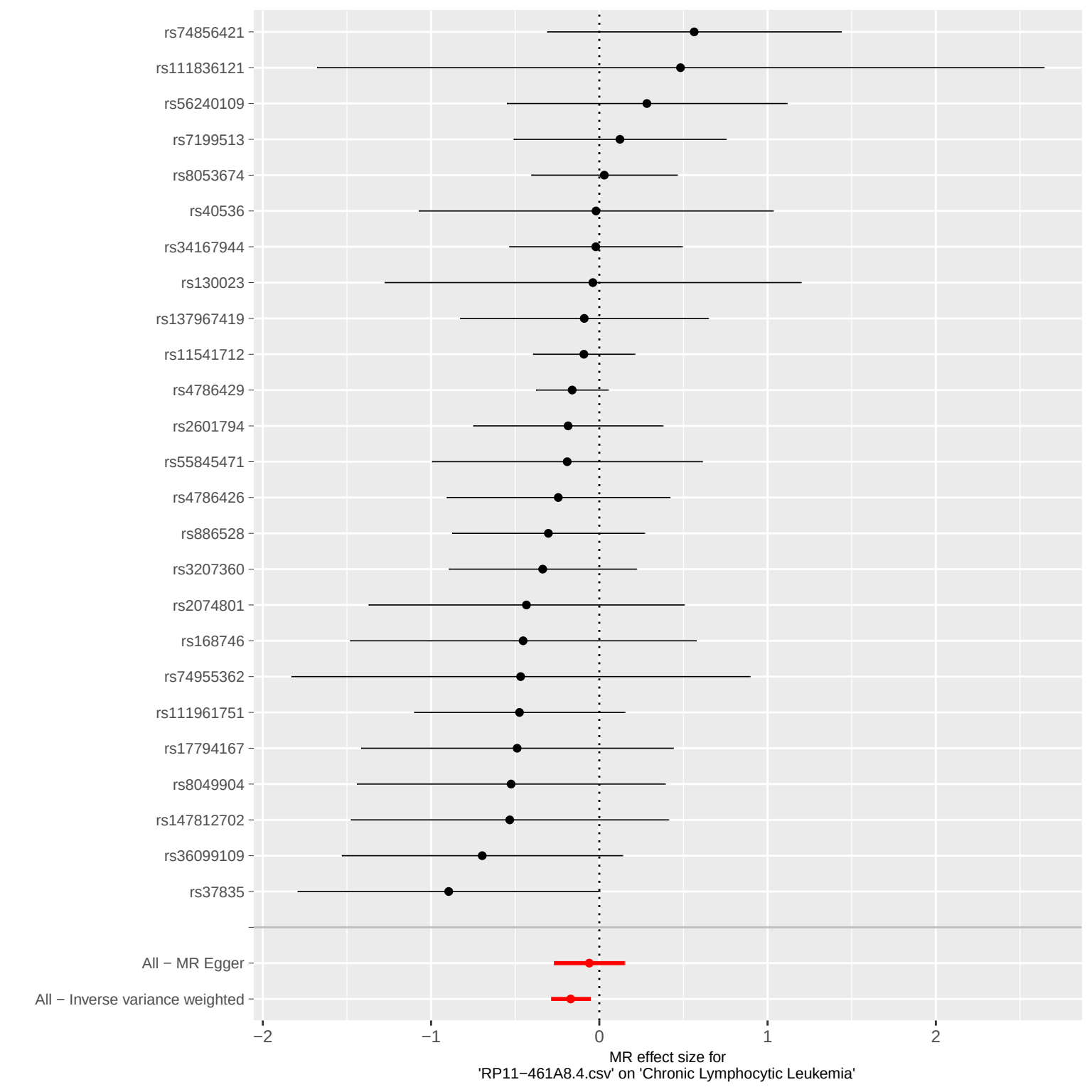
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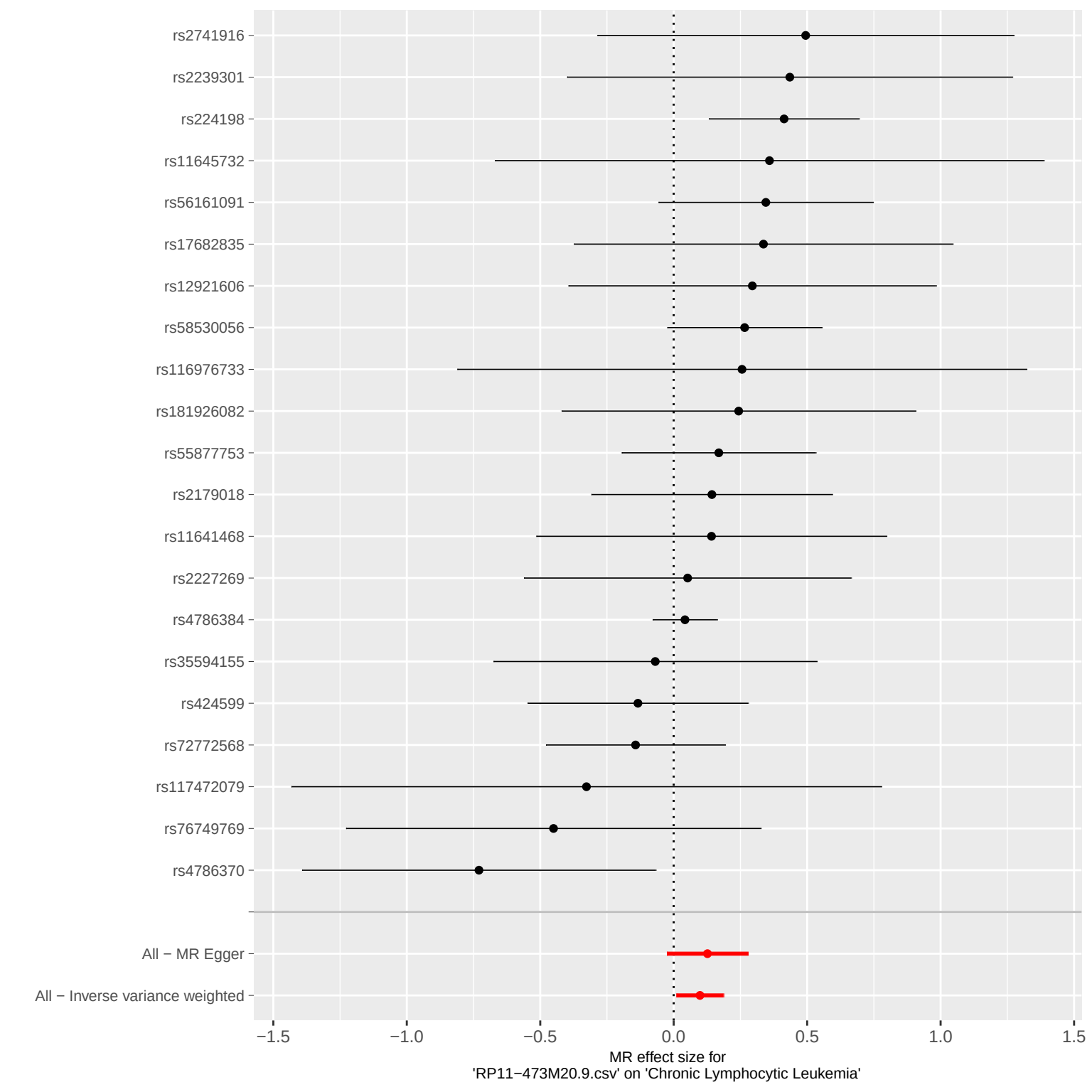
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All − Inverse variance weighted
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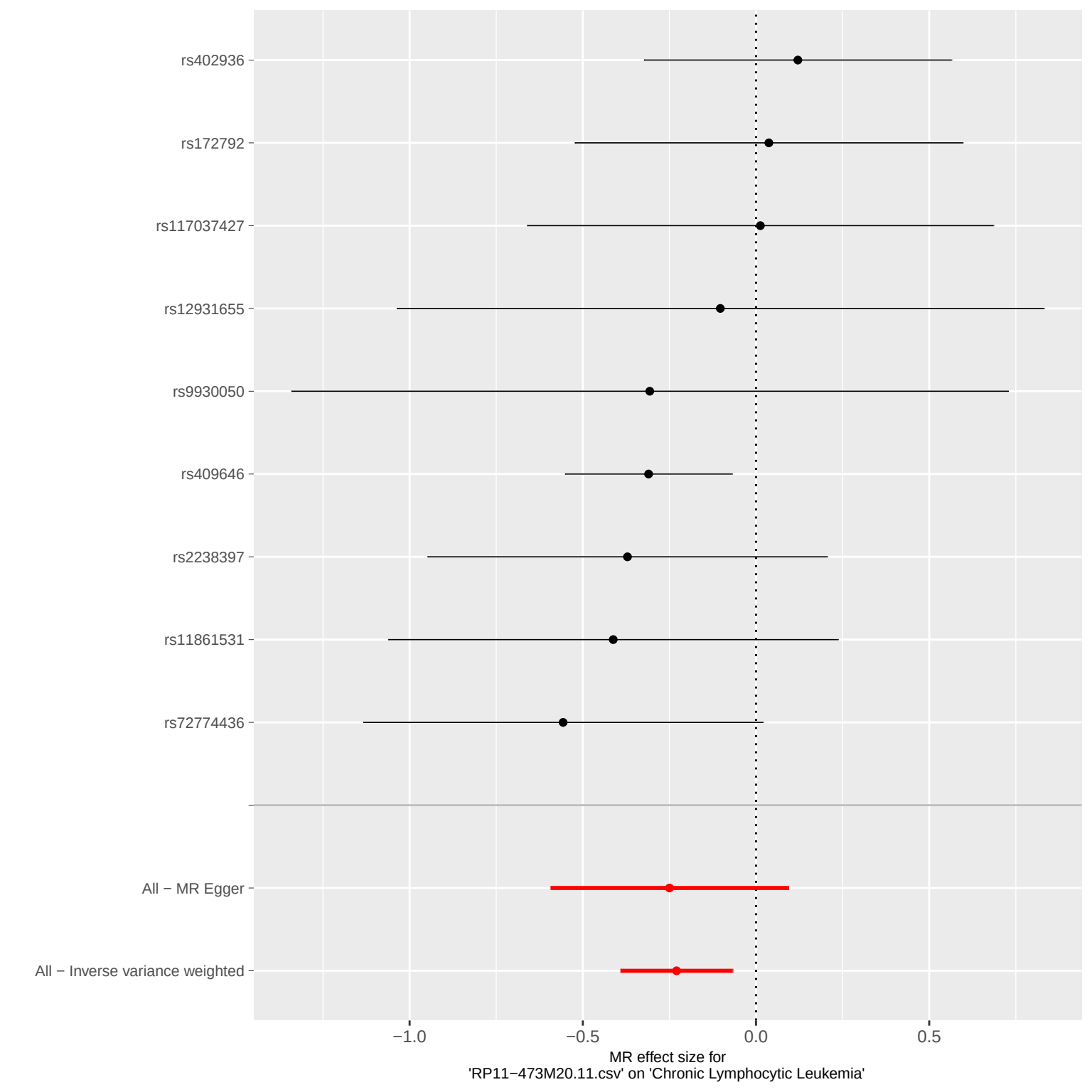
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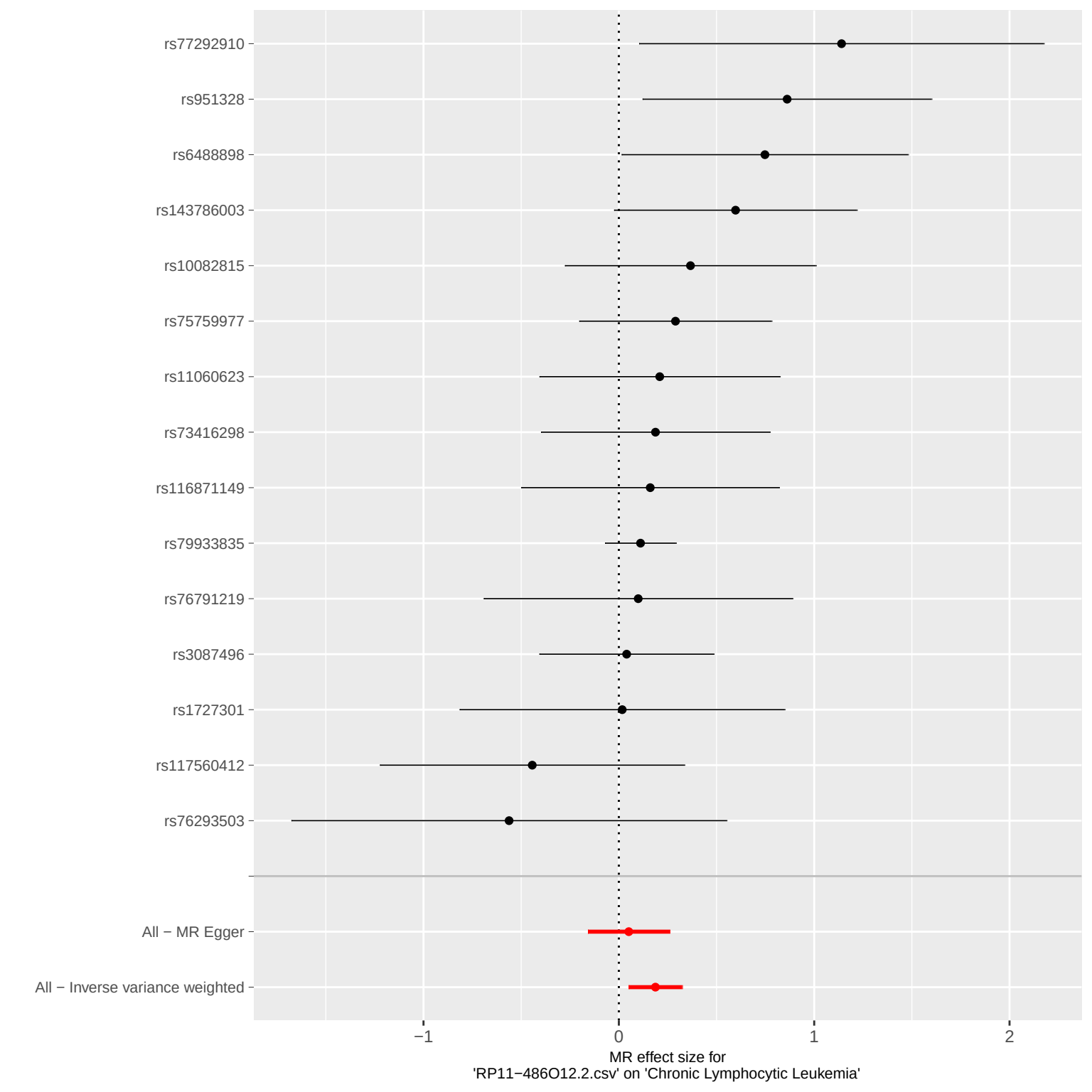
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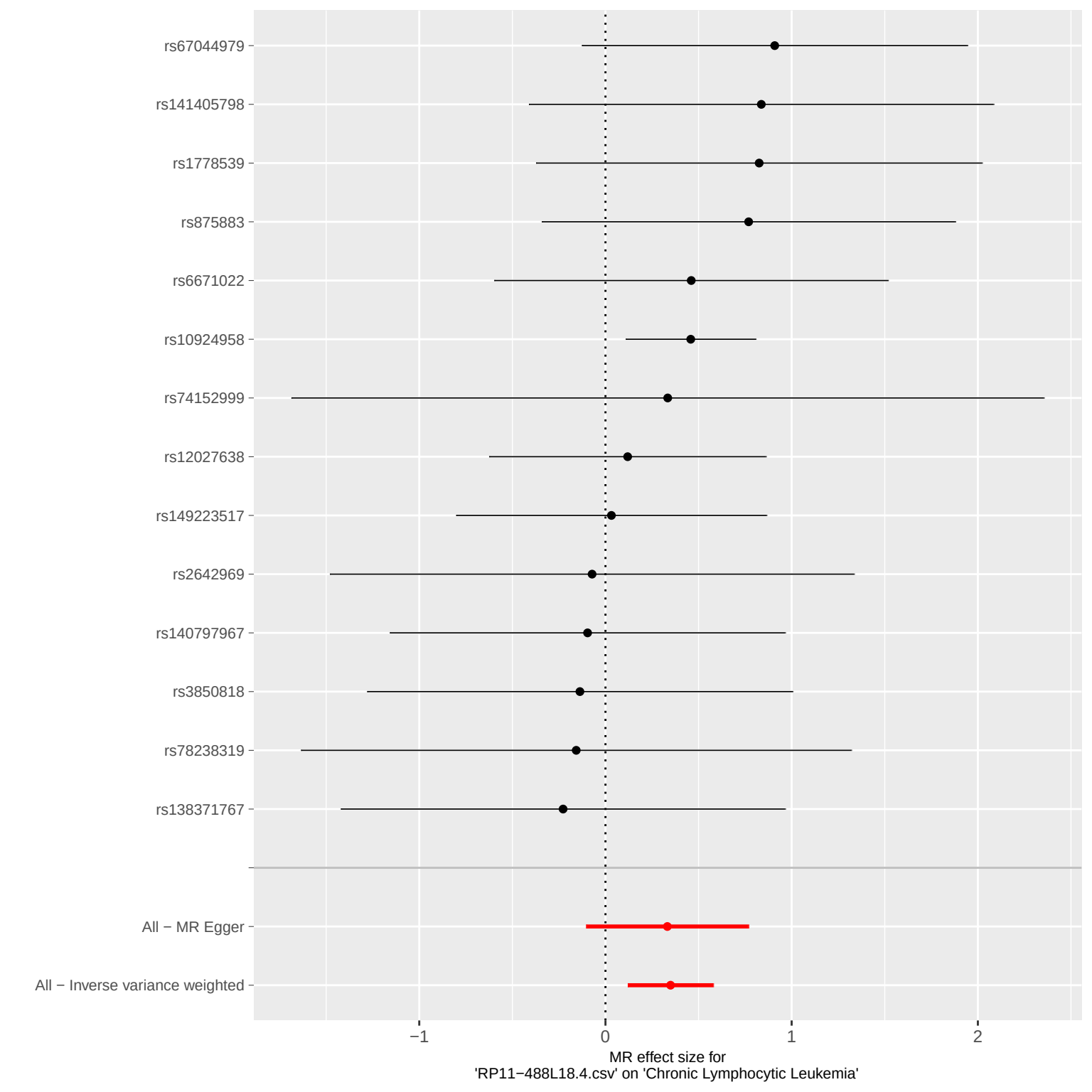
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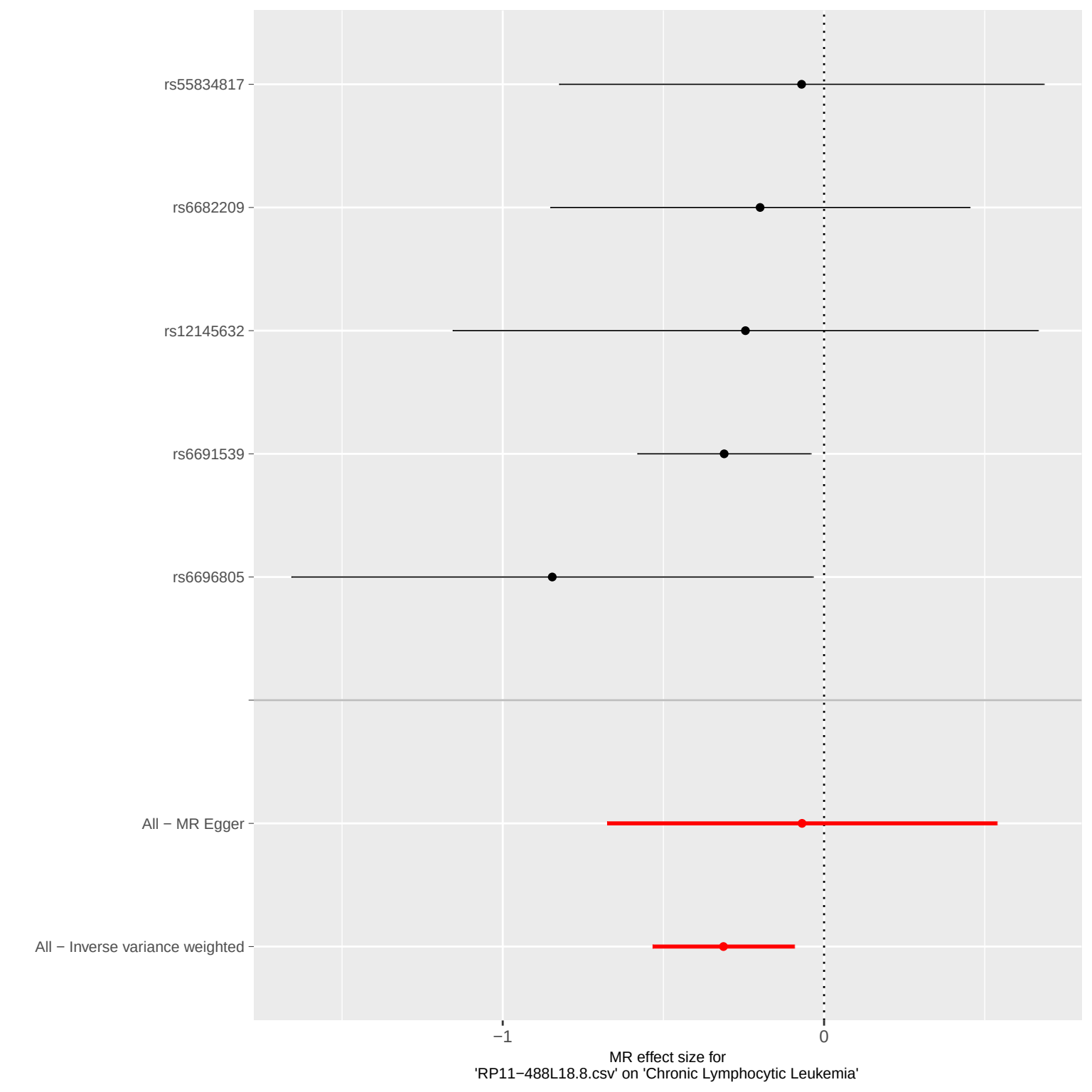
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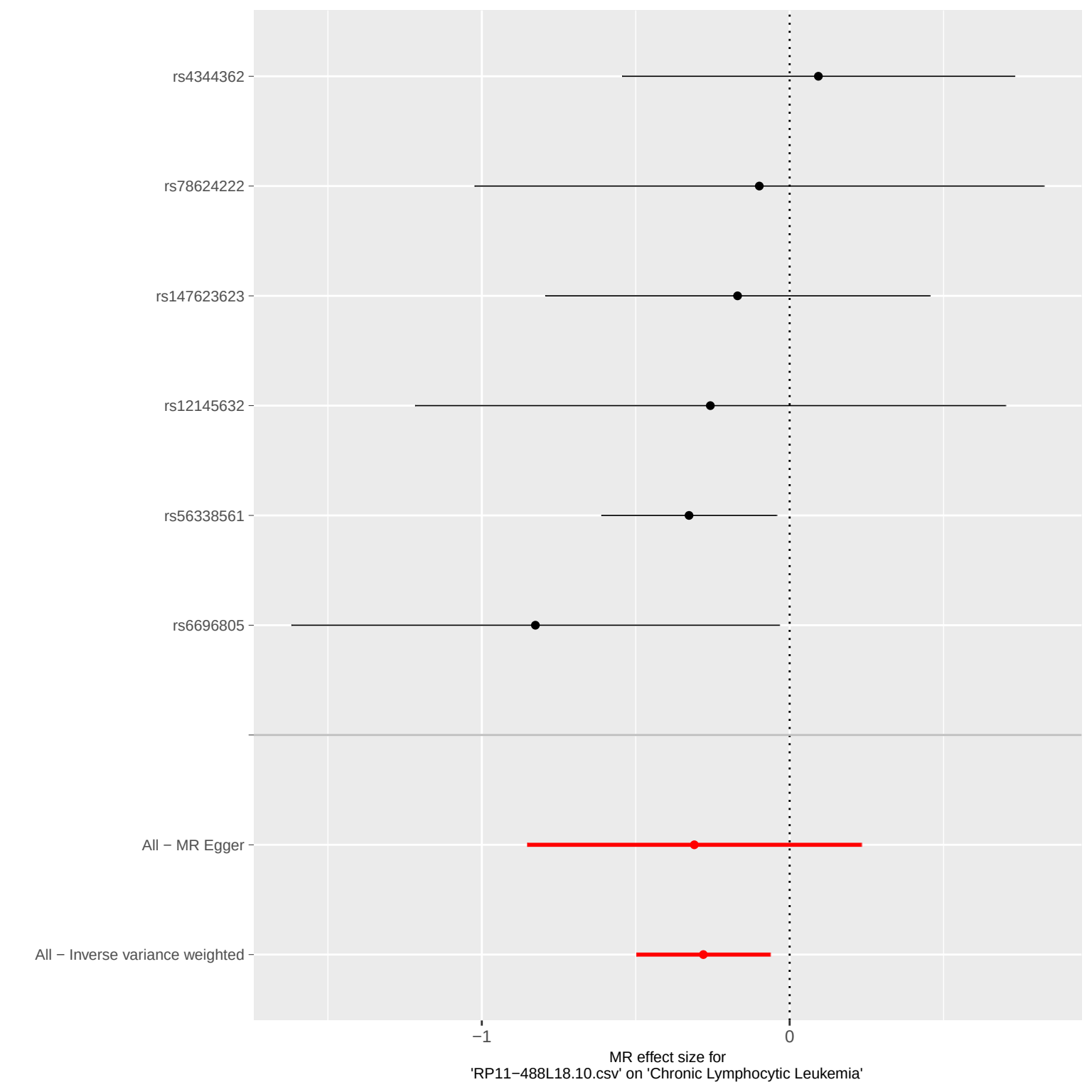
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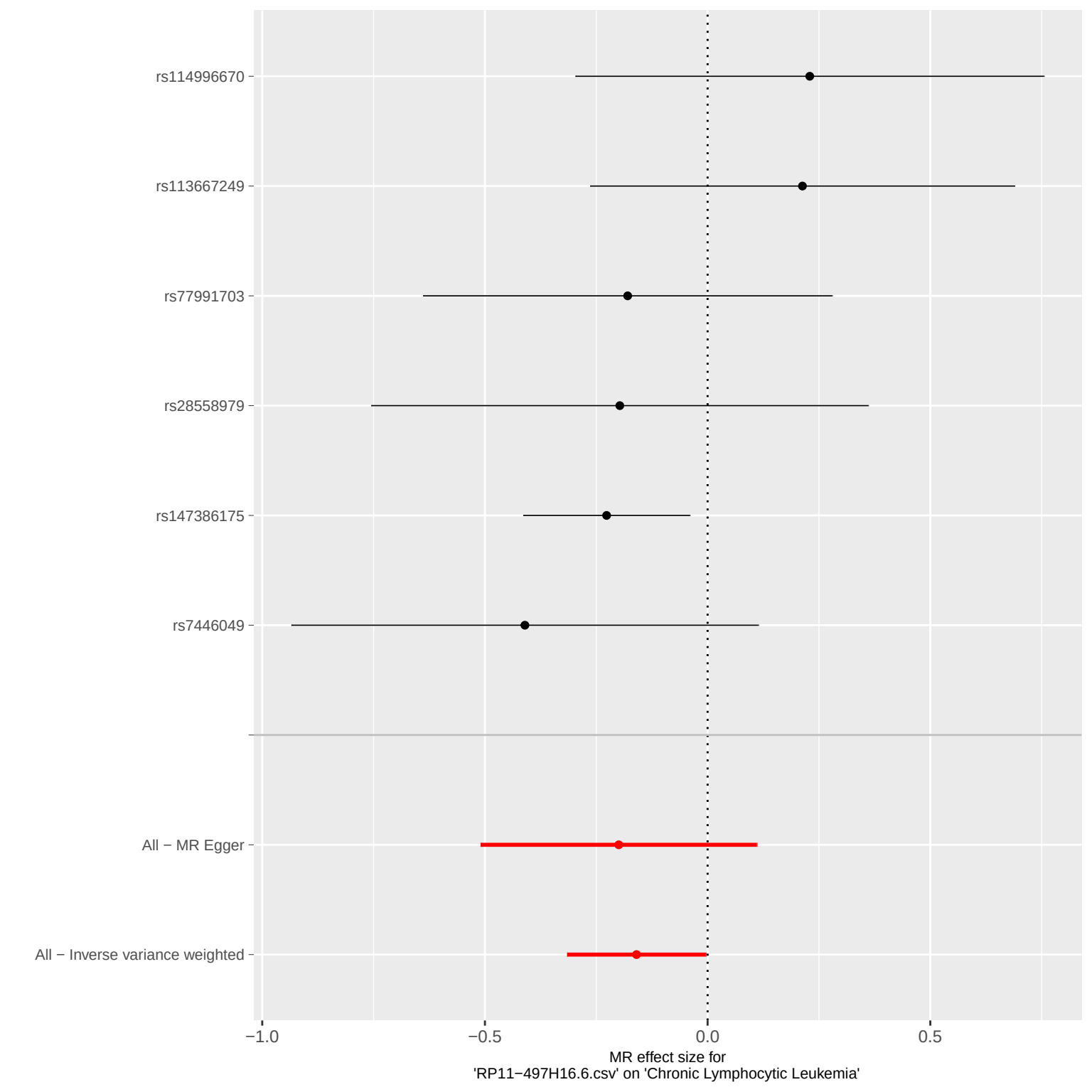
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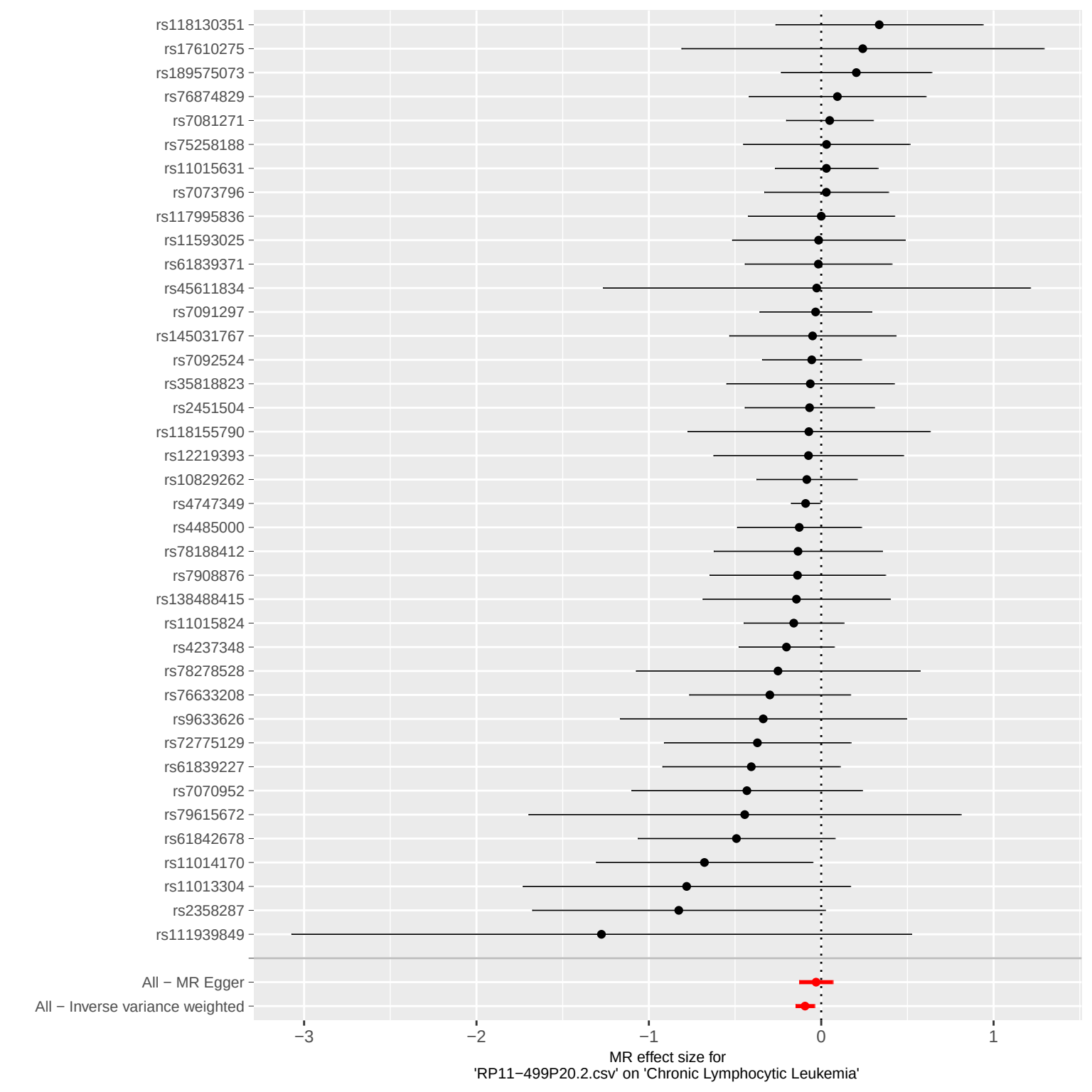
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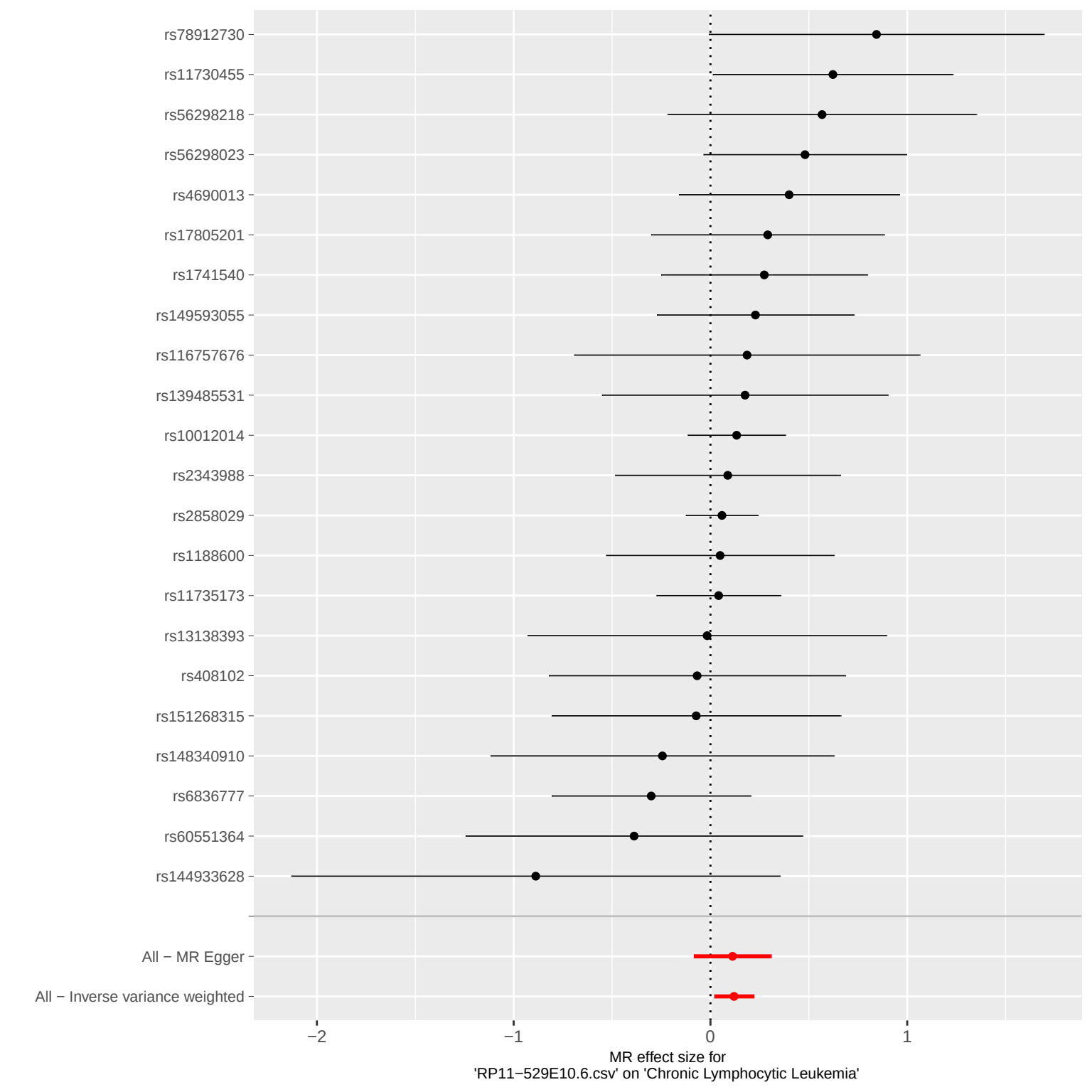
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MR effect size for
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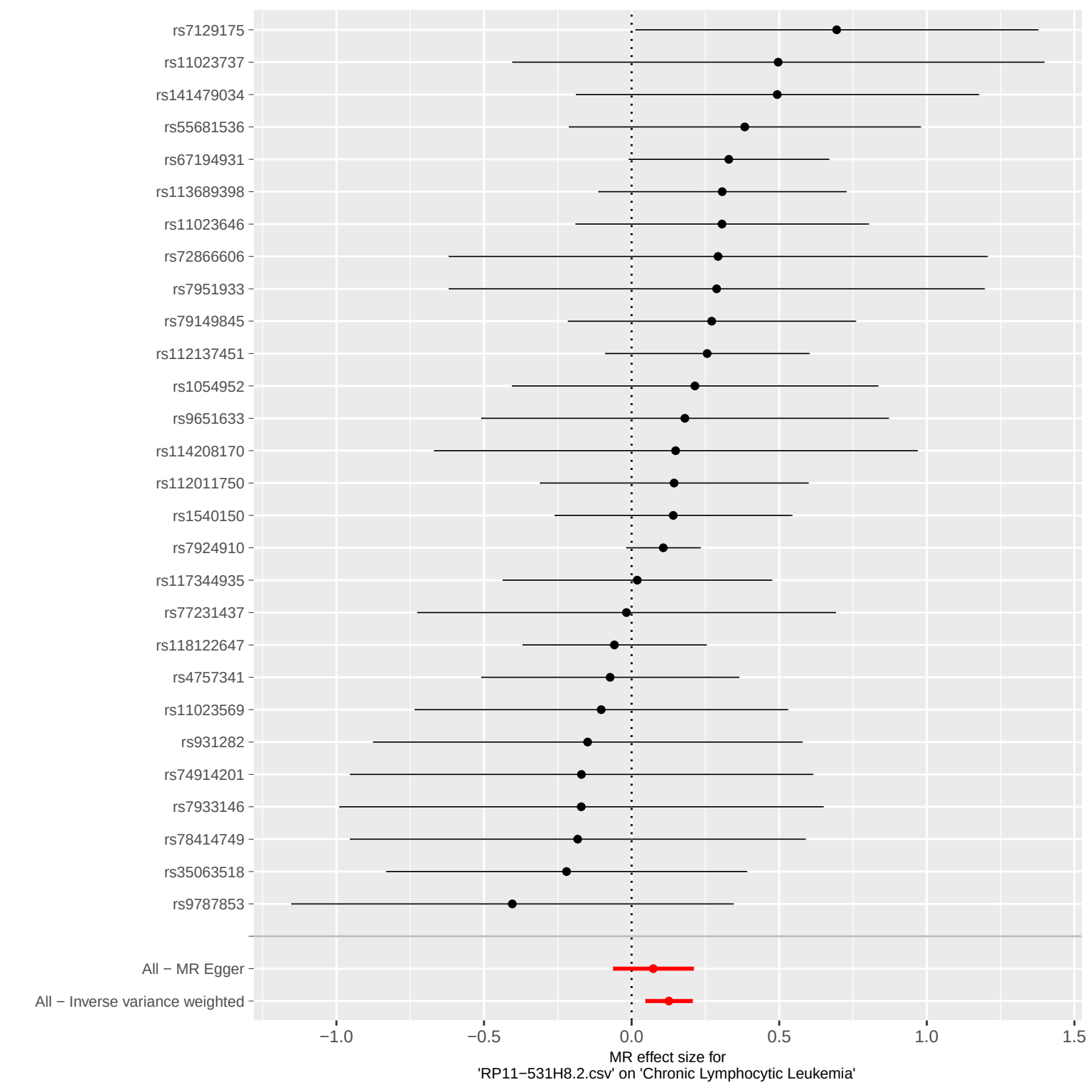
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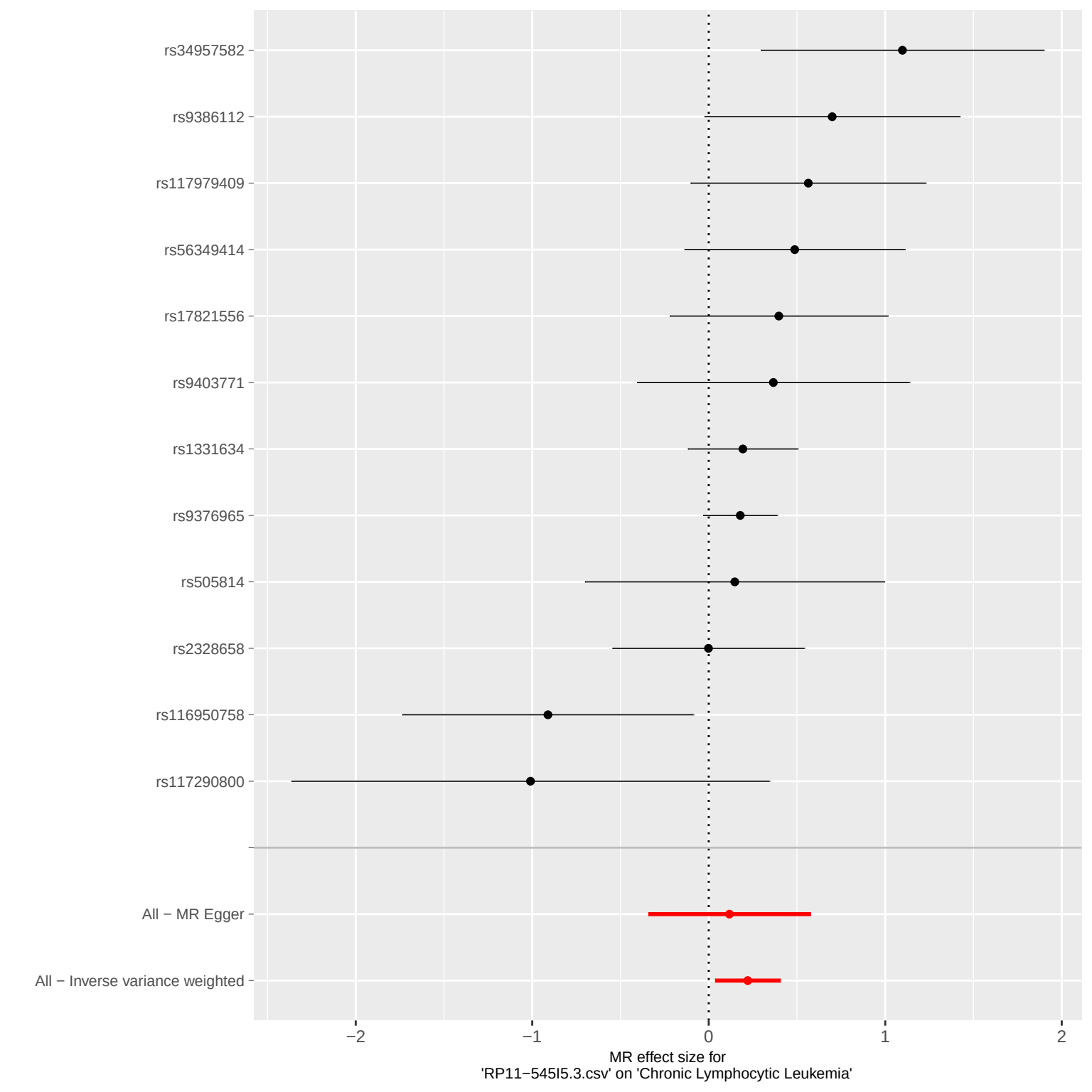
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MR effect size for
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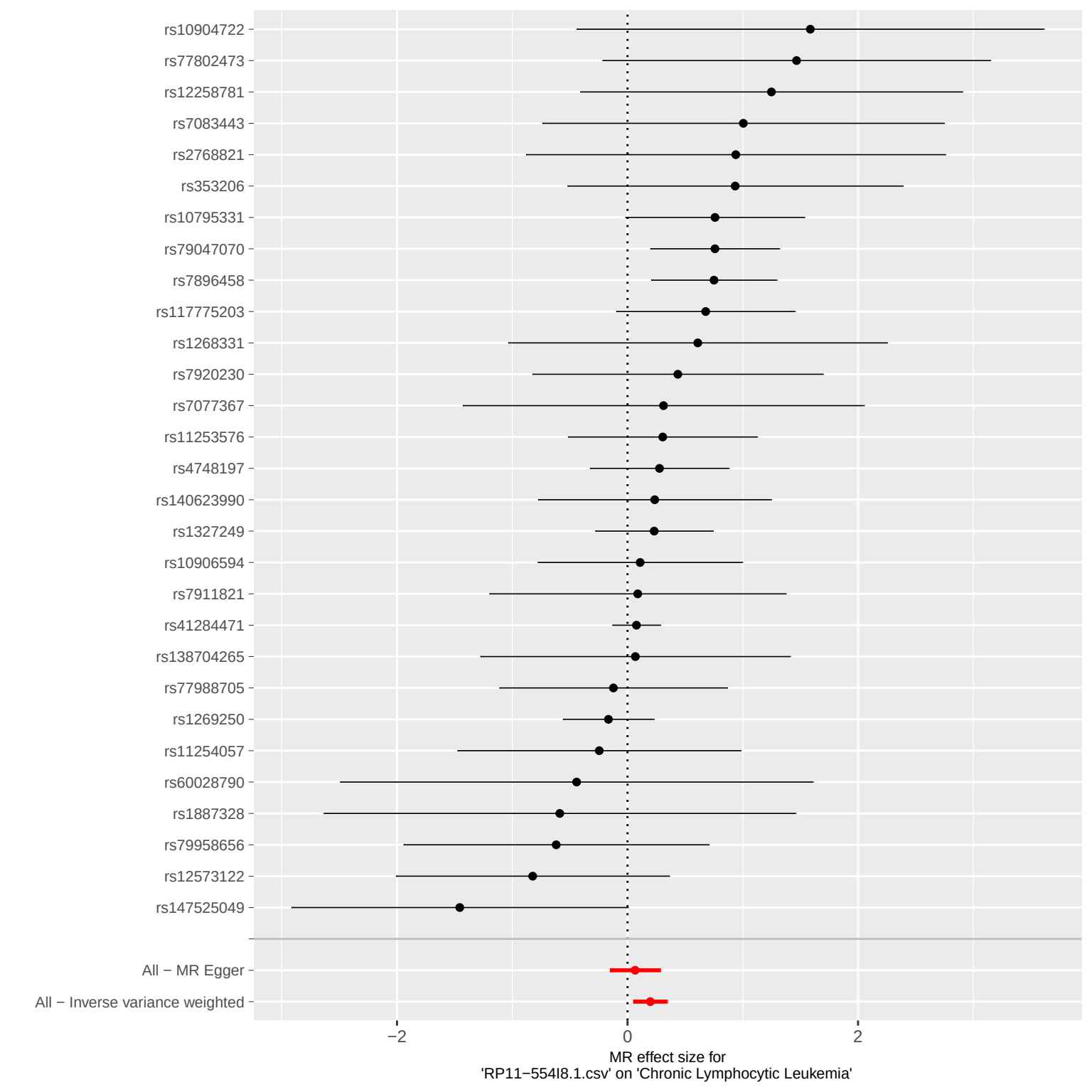
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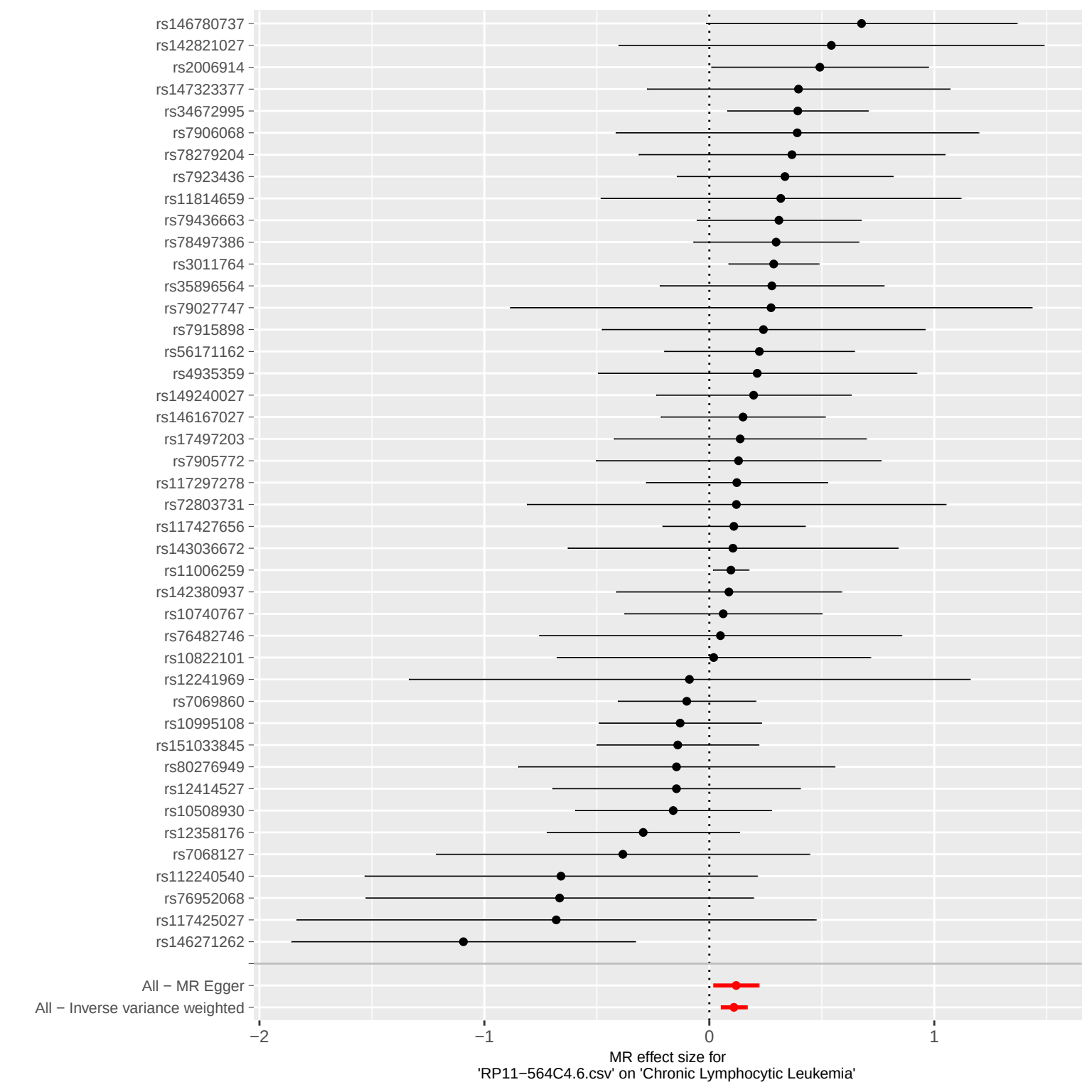
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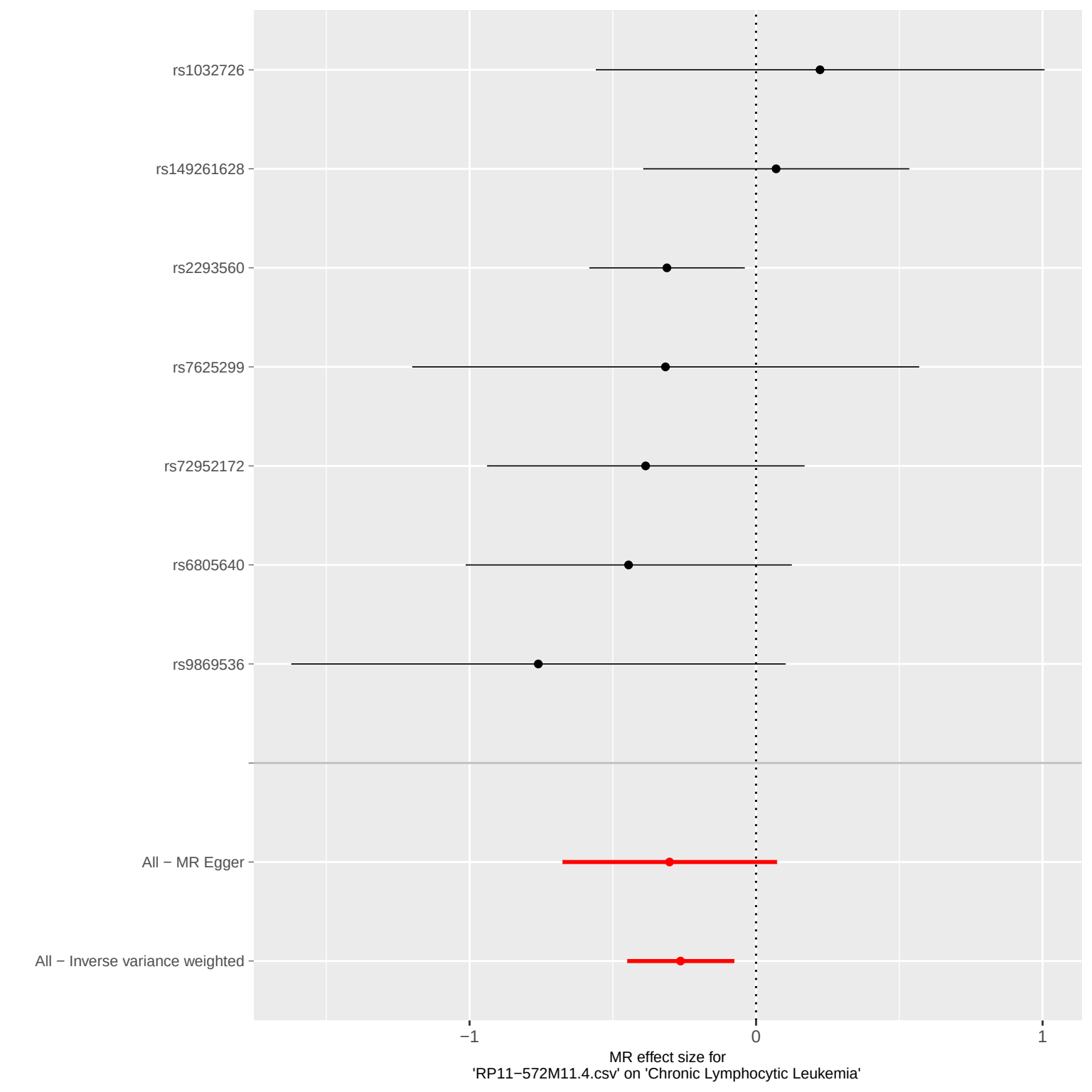
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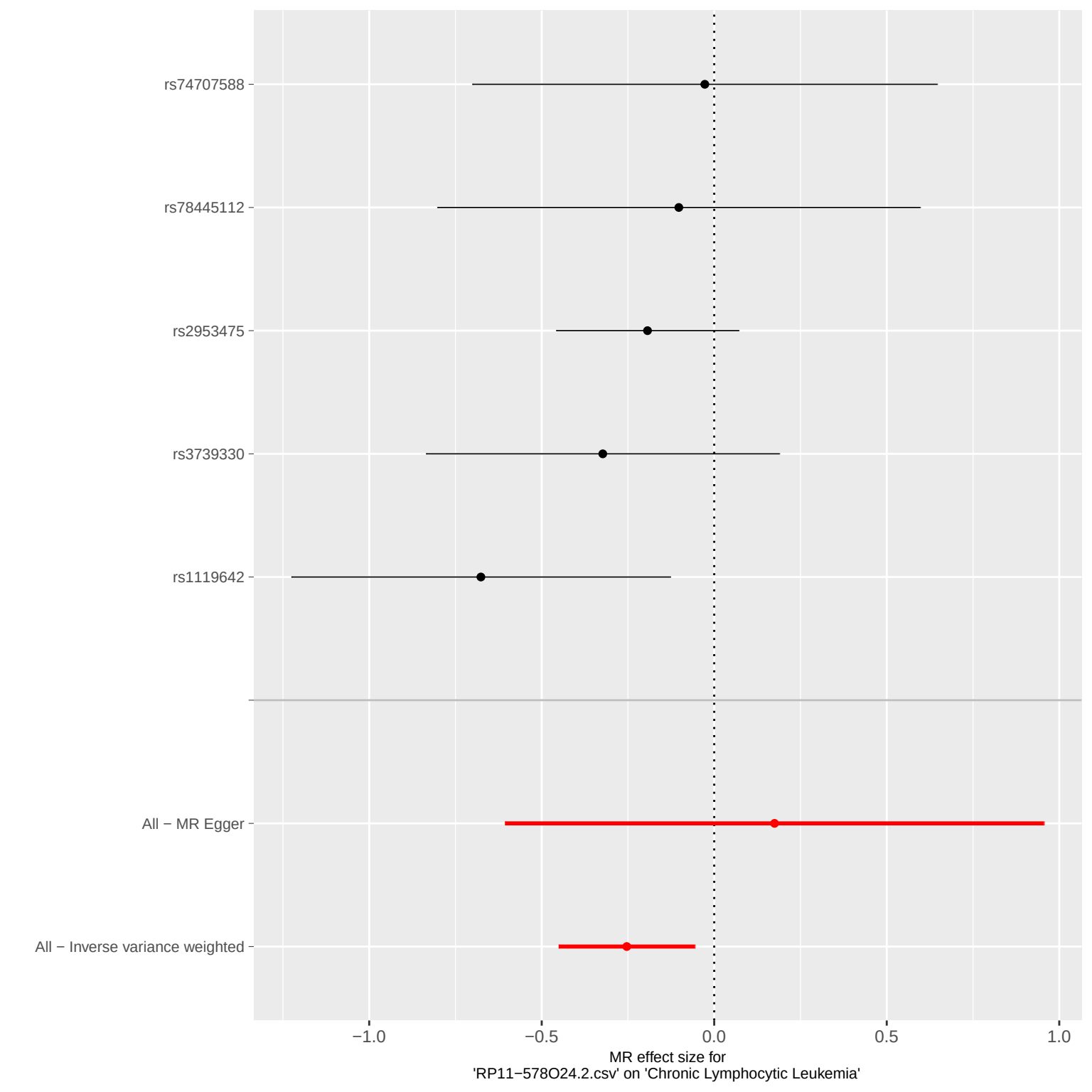
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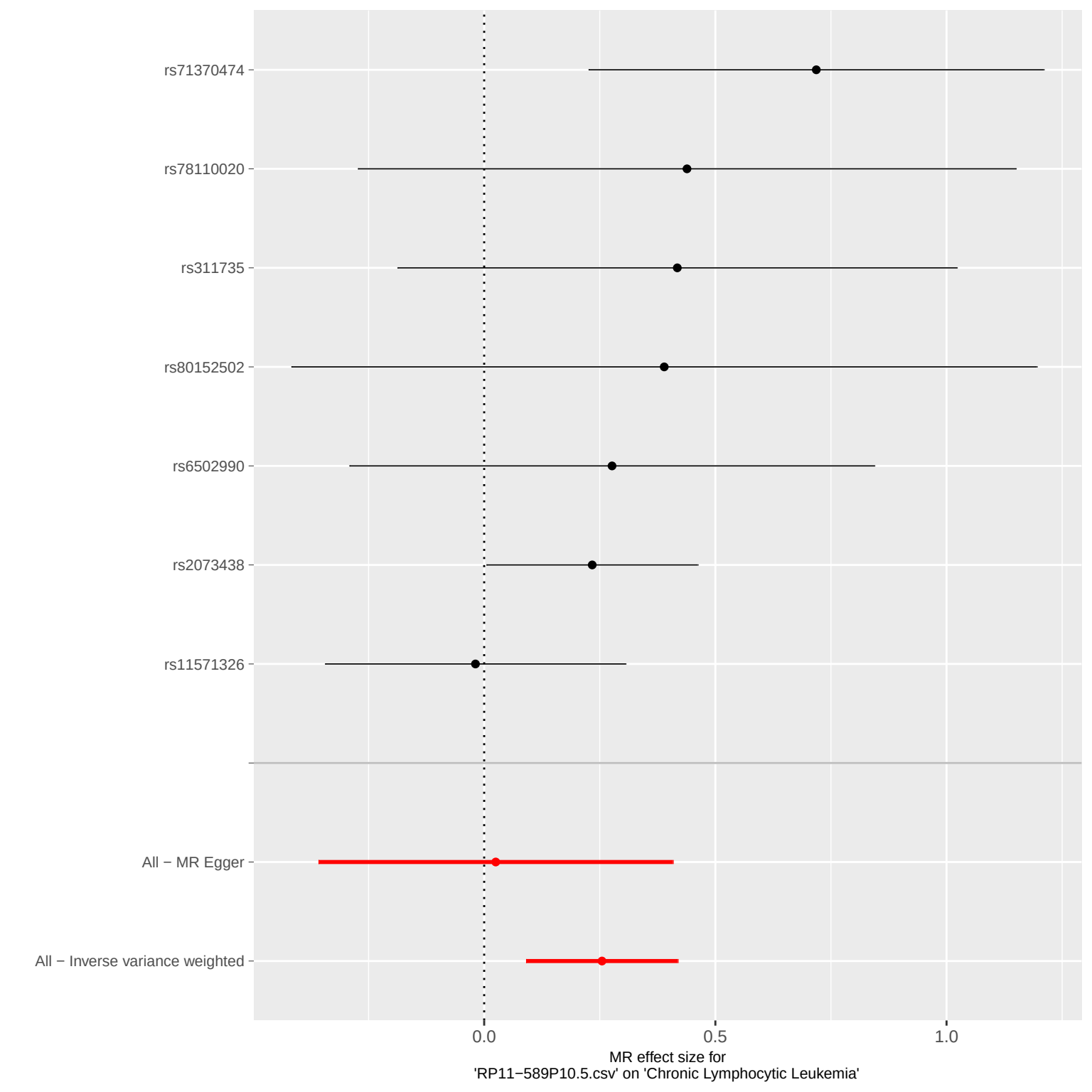
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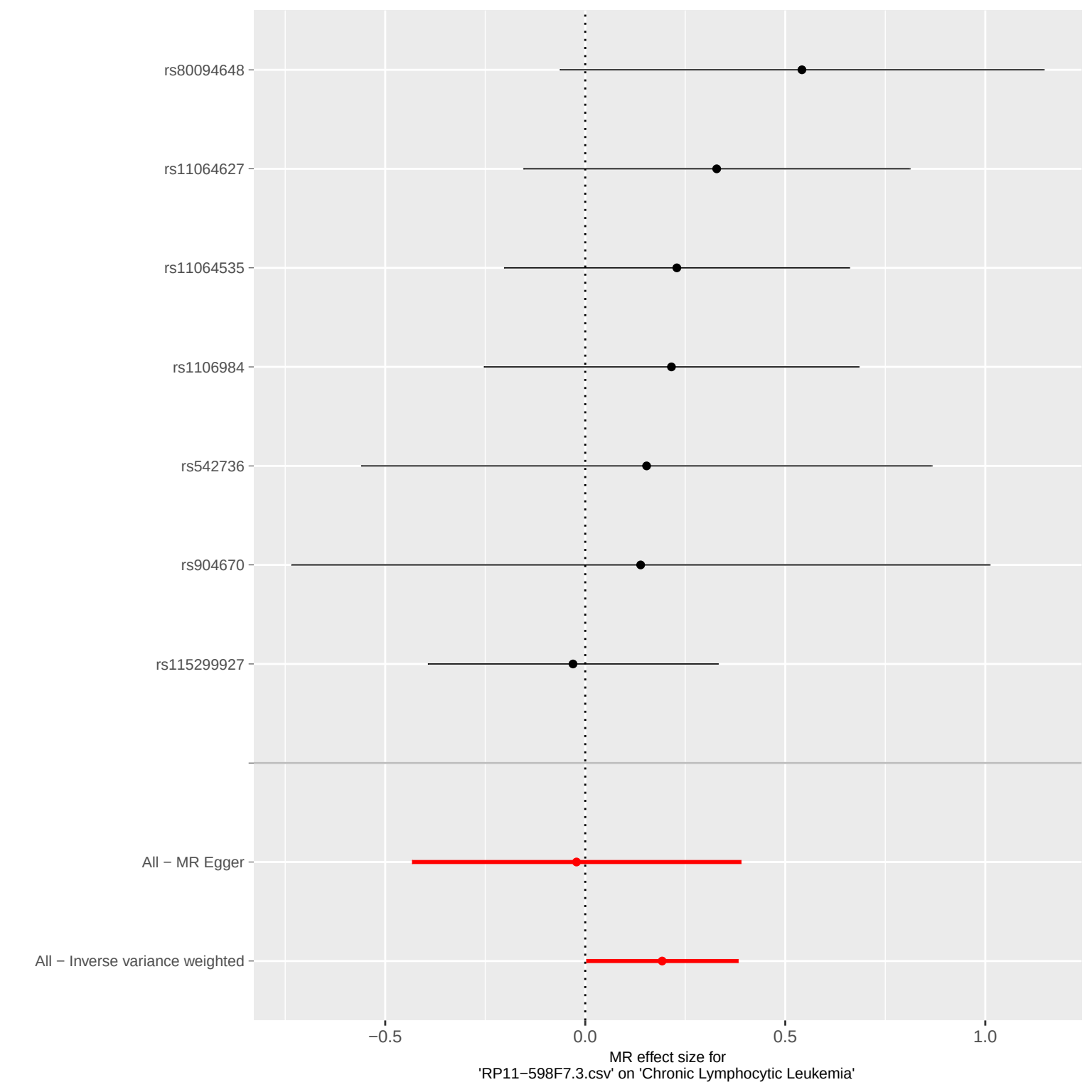
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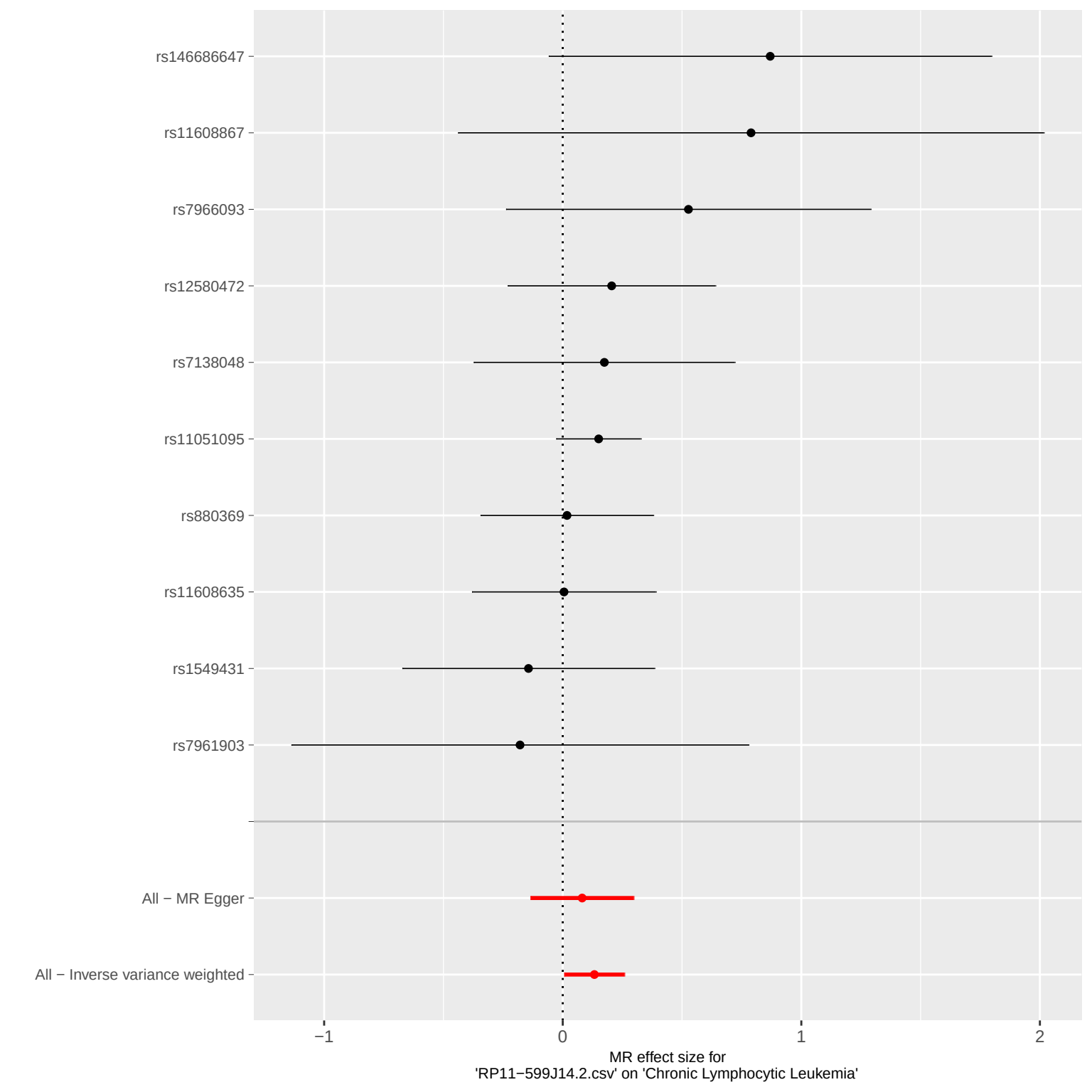
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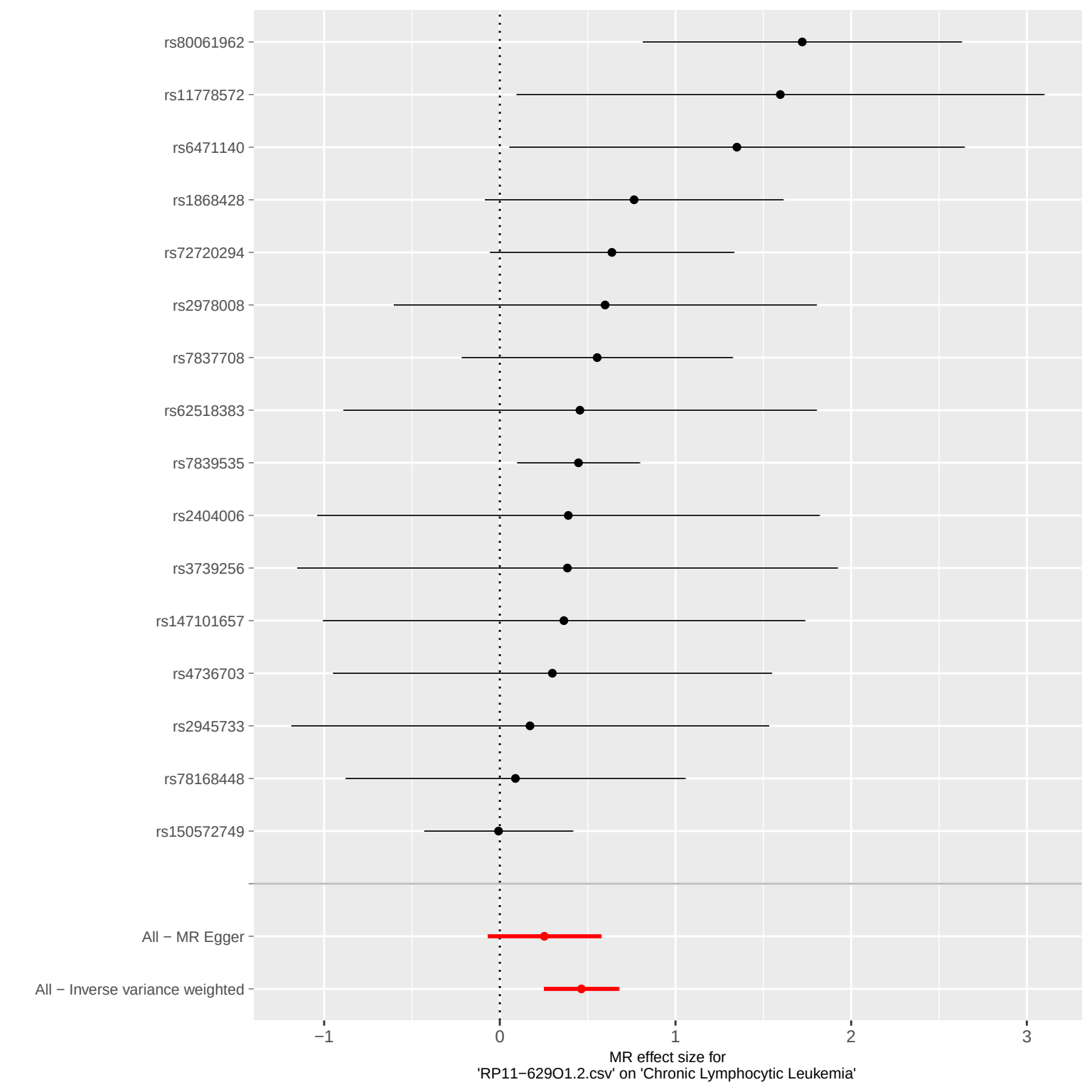
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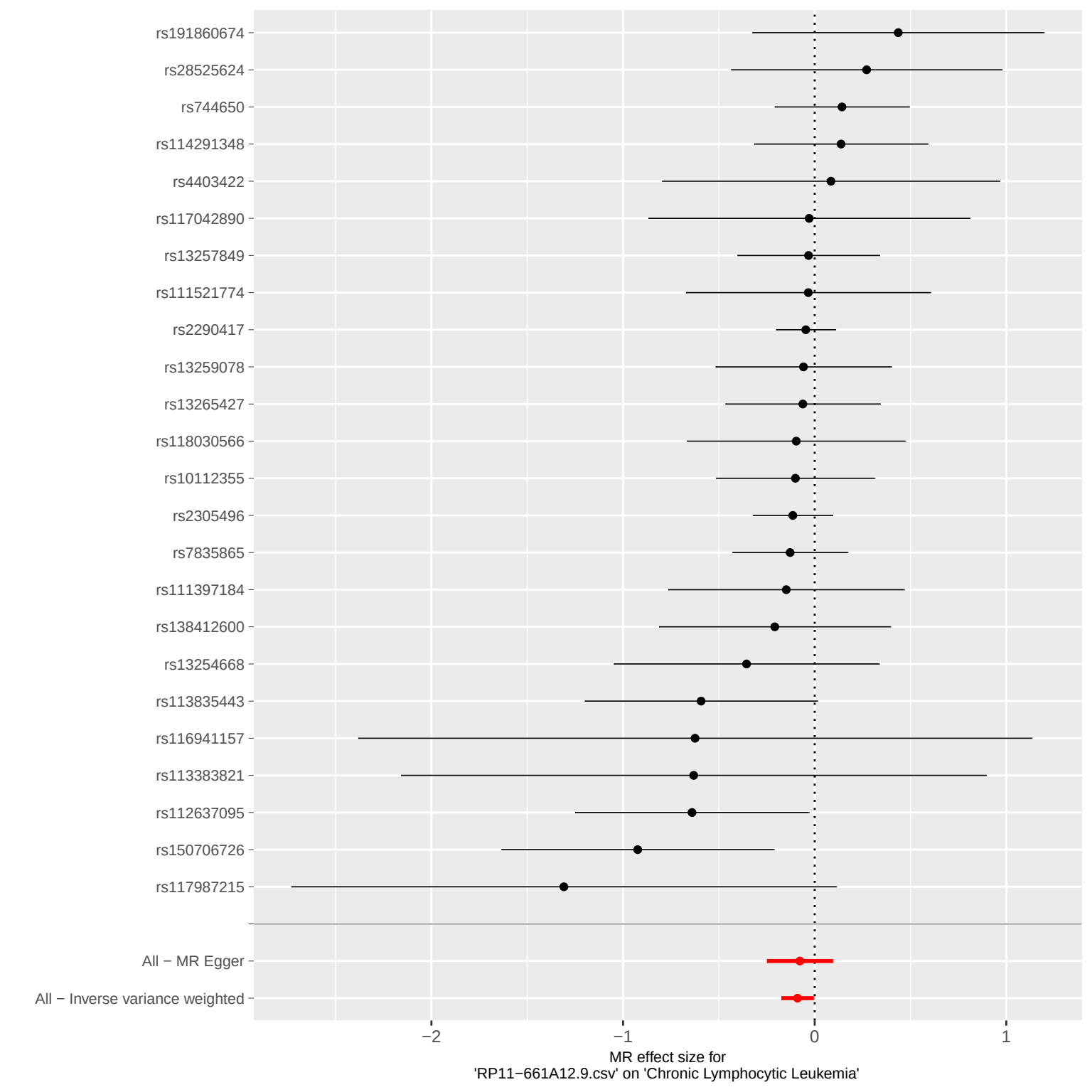
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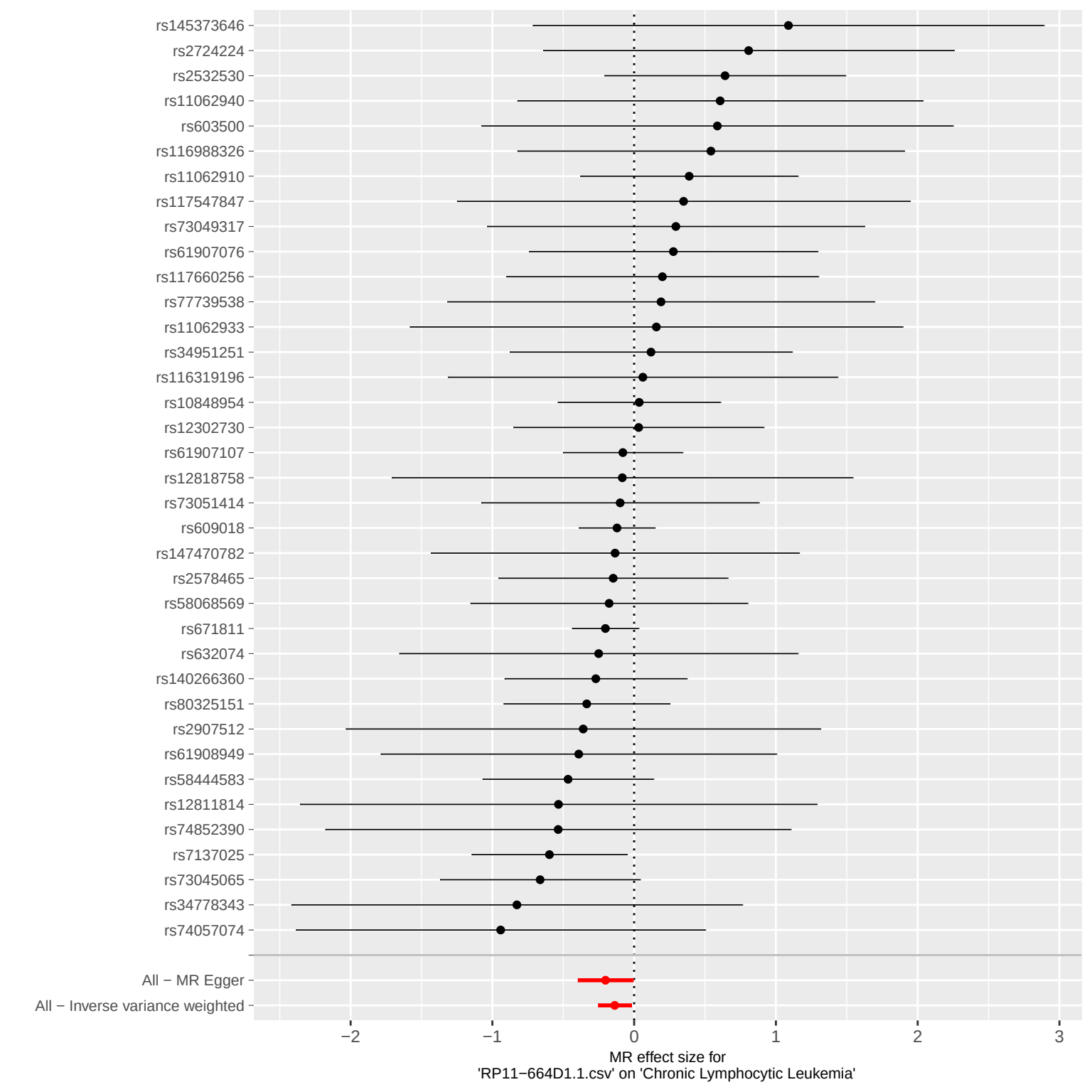
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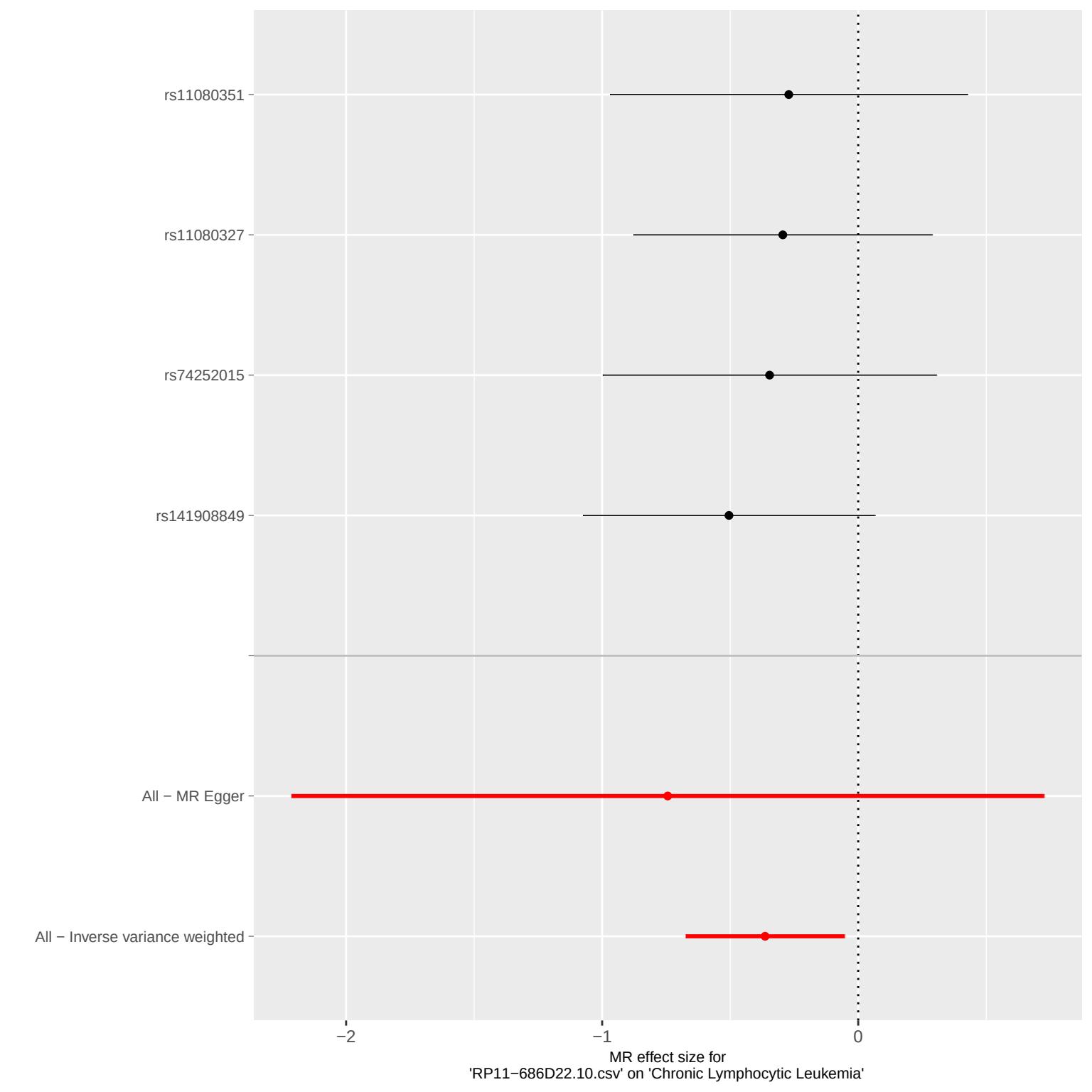
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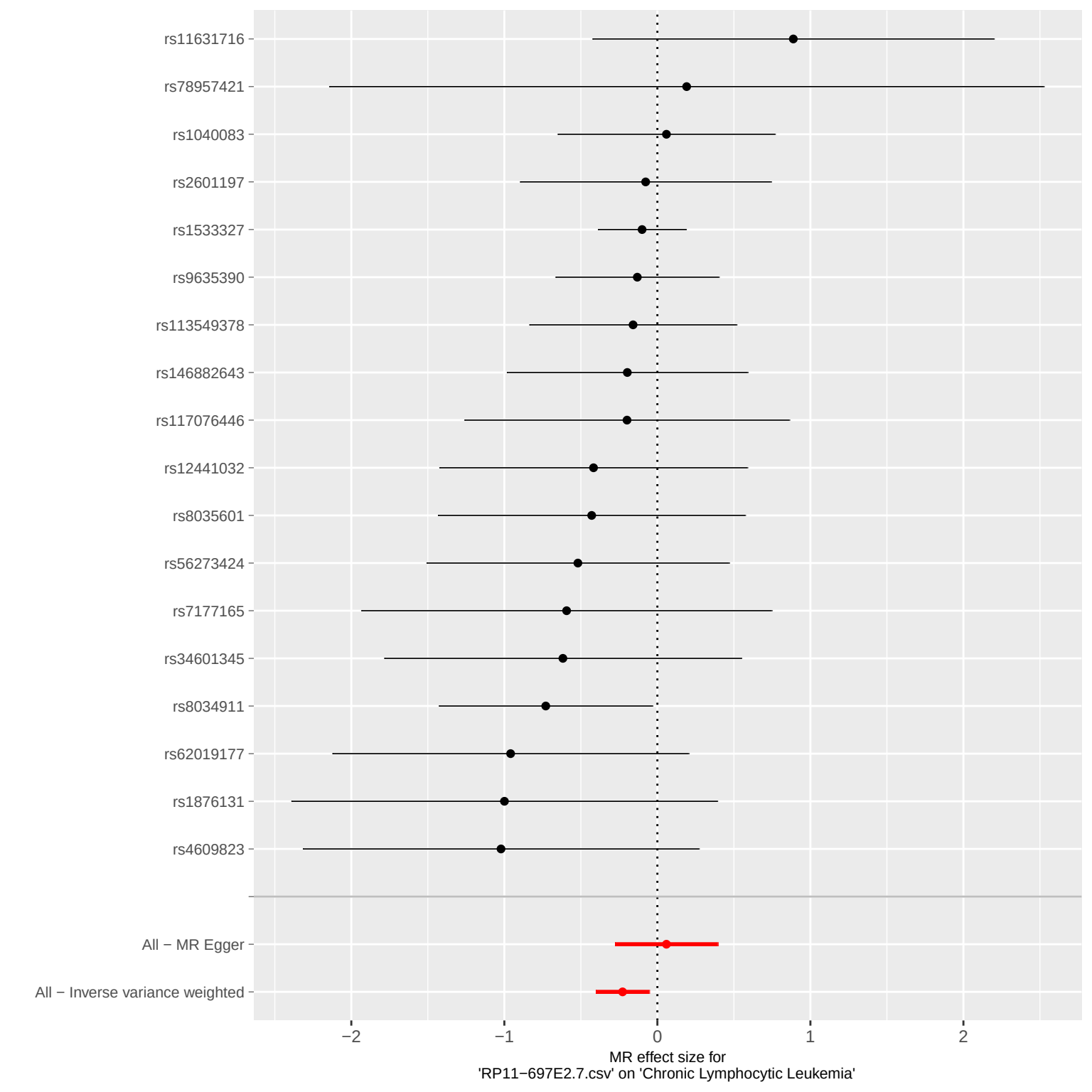
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MR effect size for
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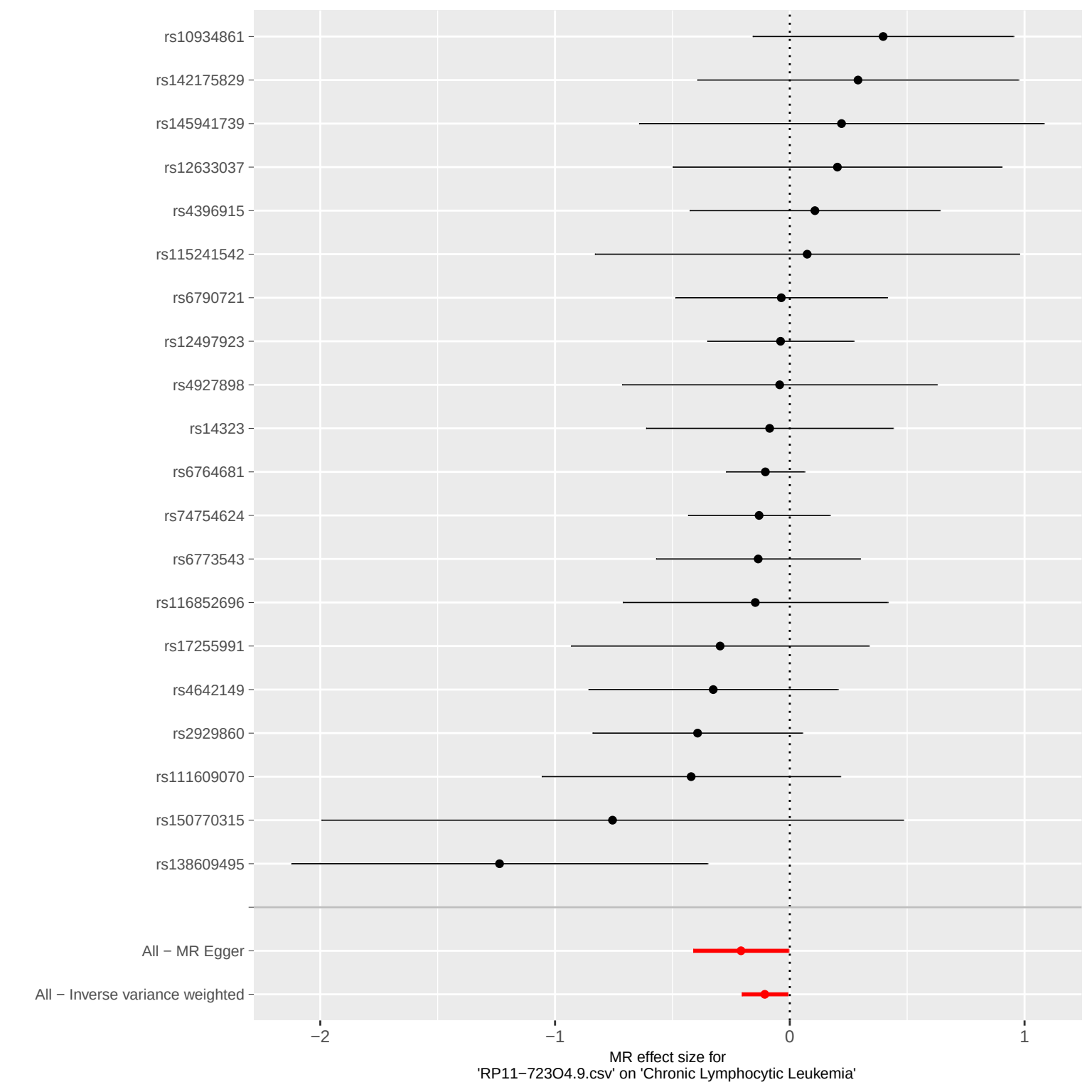
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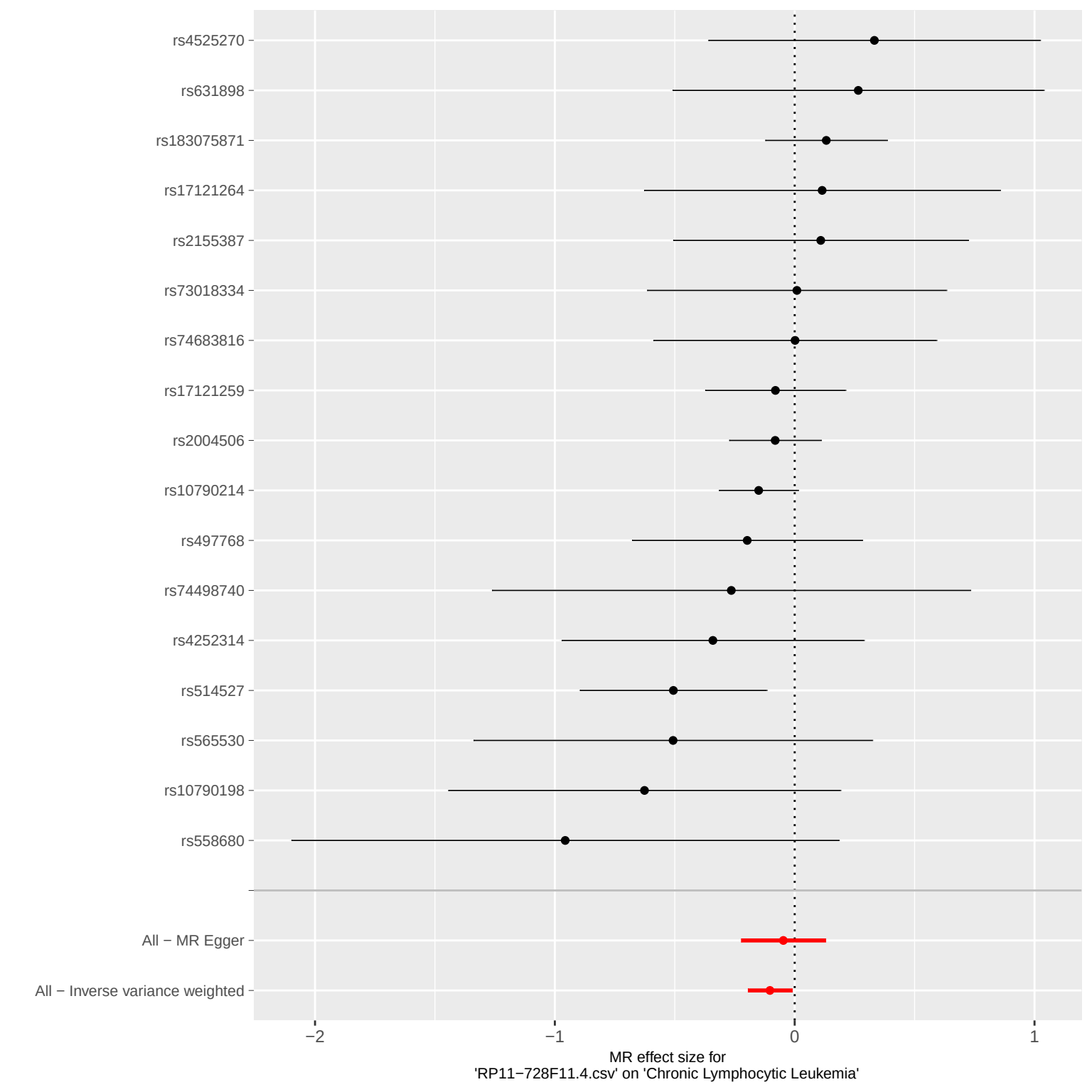
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All − Inverse variance weighted
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−1
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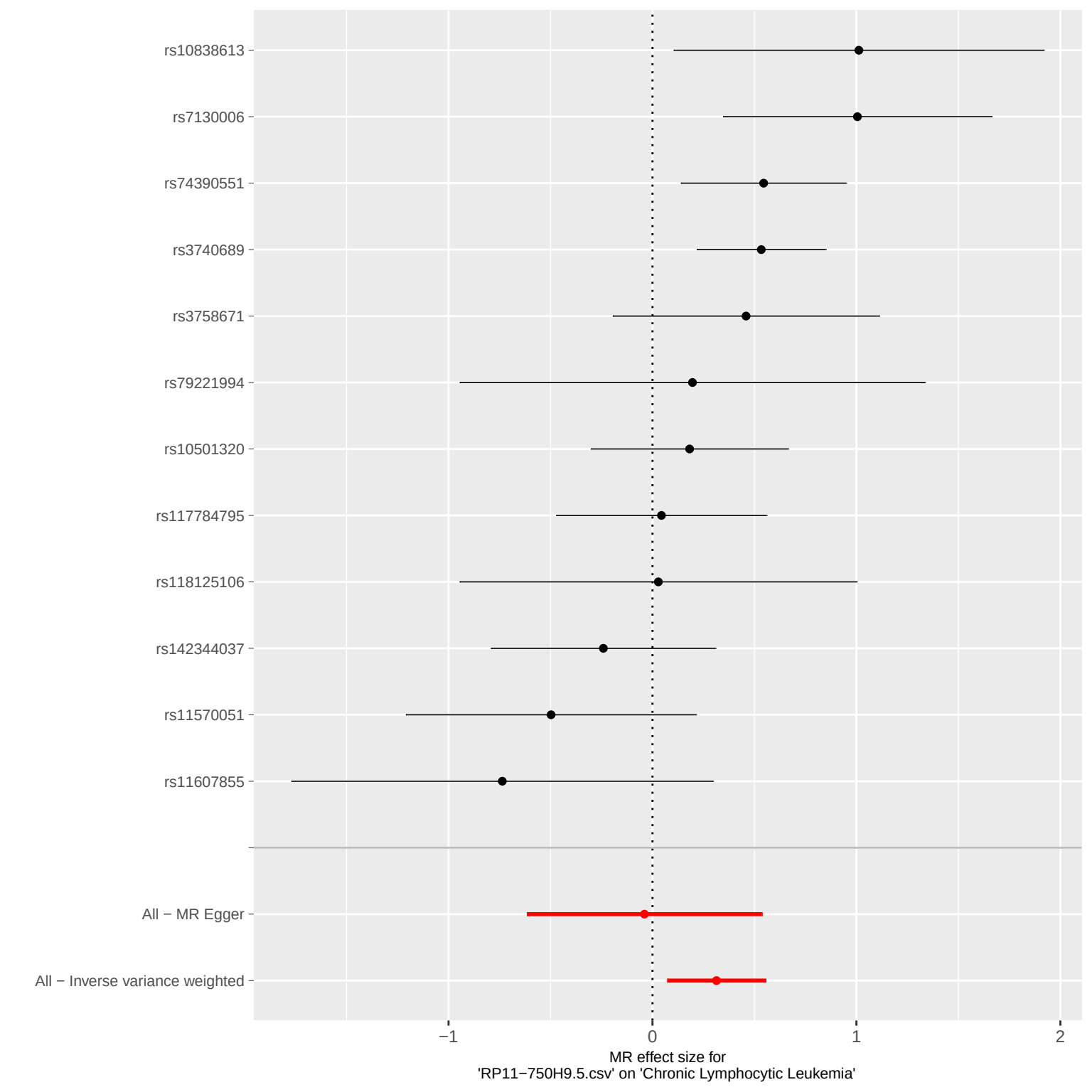
MR effect size for
'RP11−728F11.4.csv' on 'Chronic Lymphocytic Leukemia'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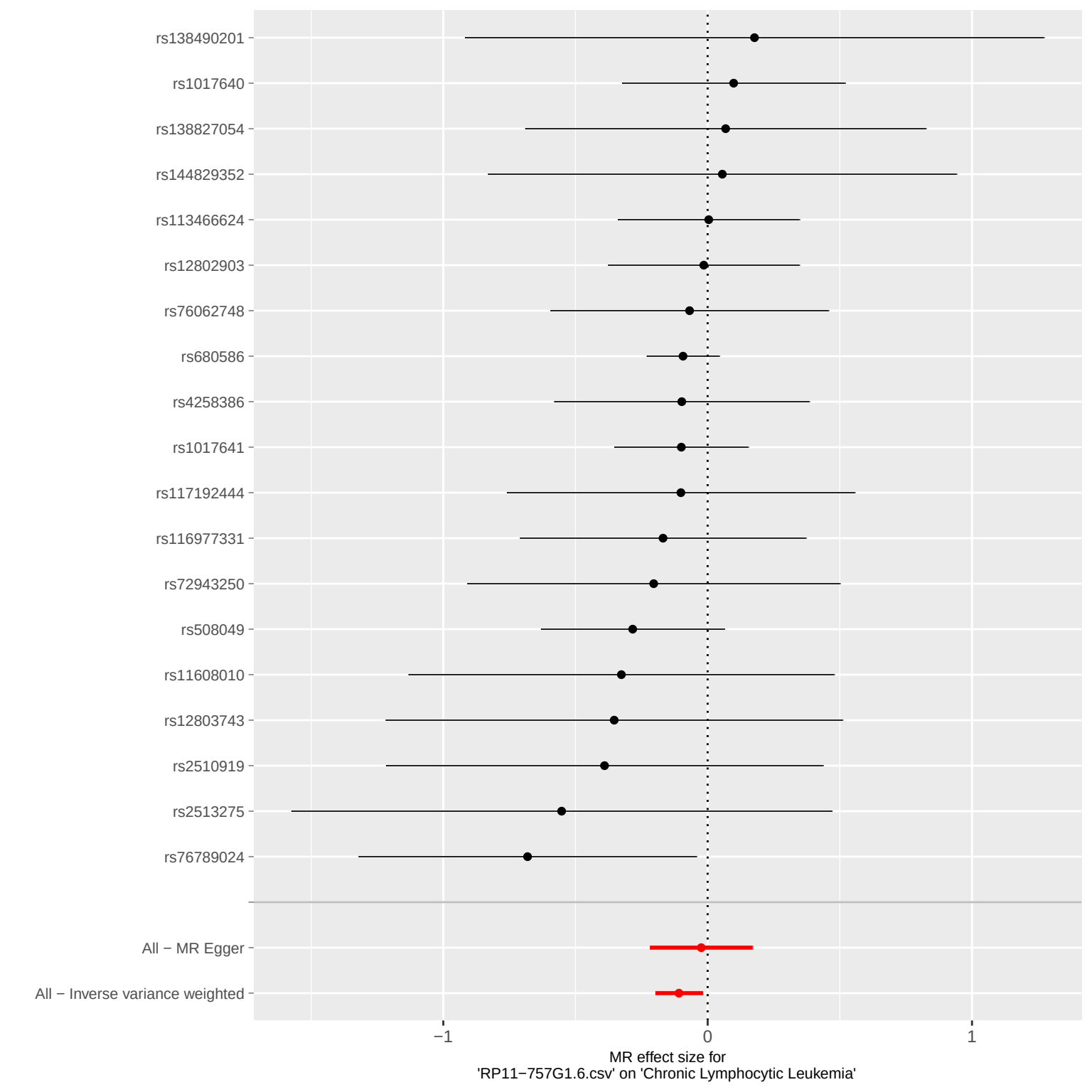
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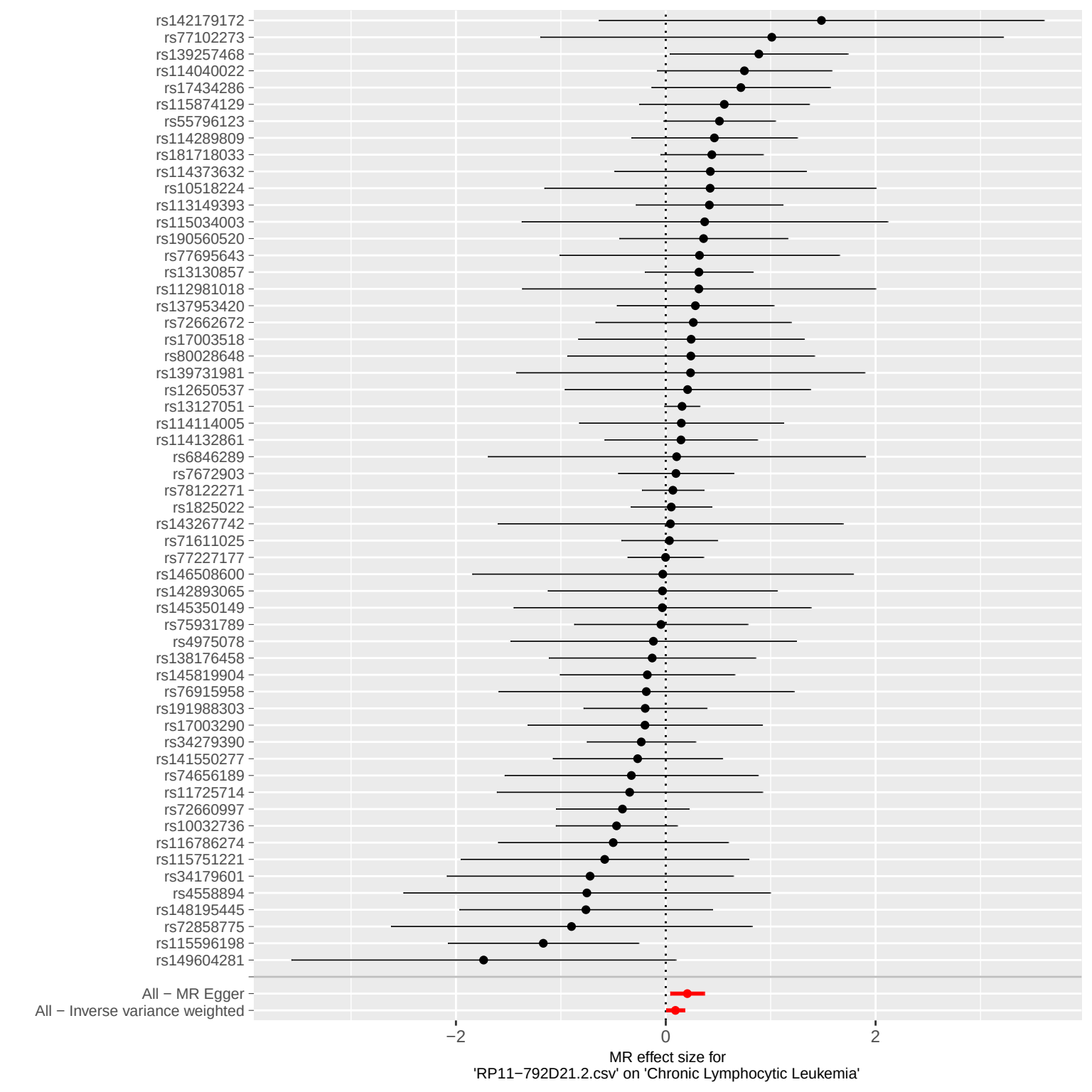
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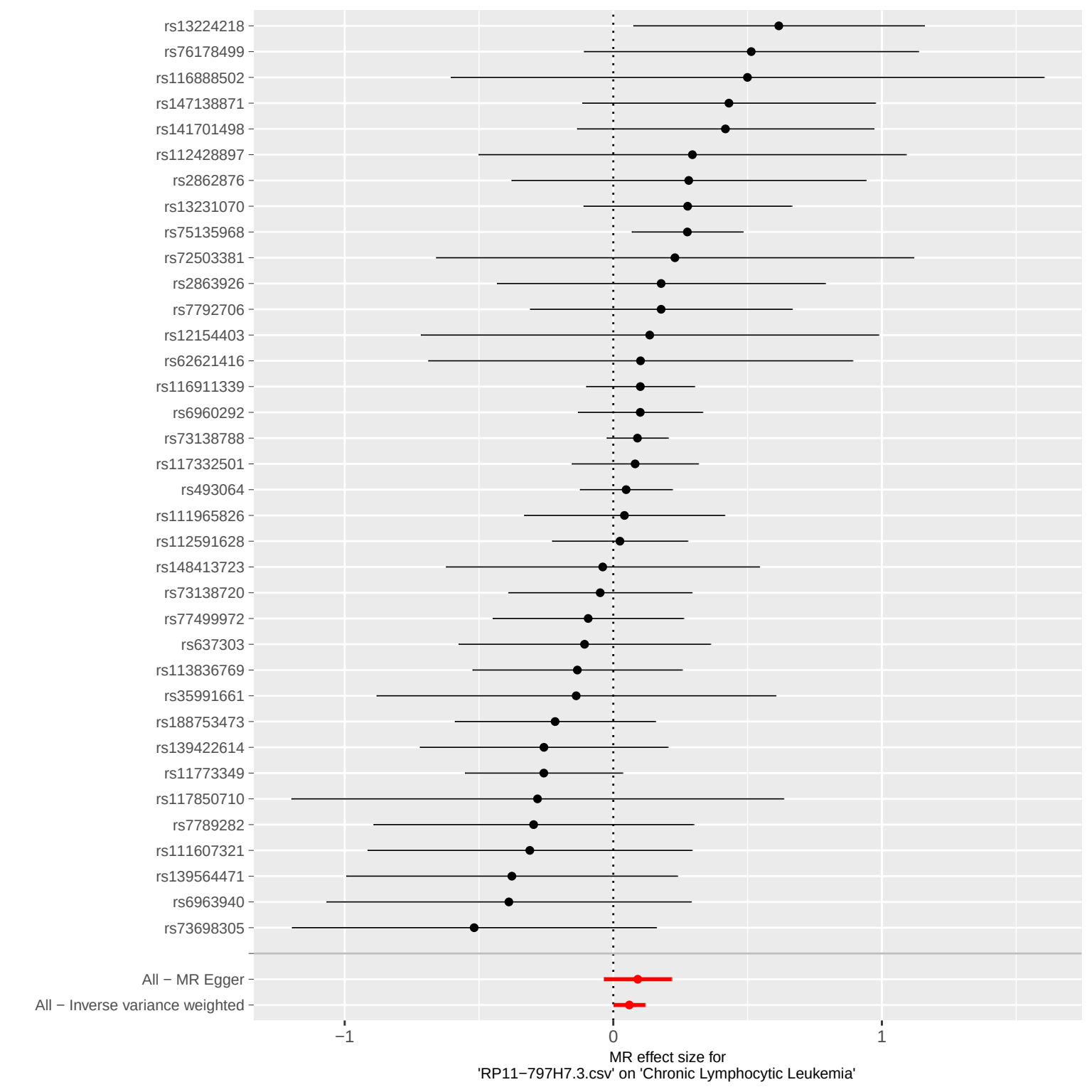
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MR effect size for
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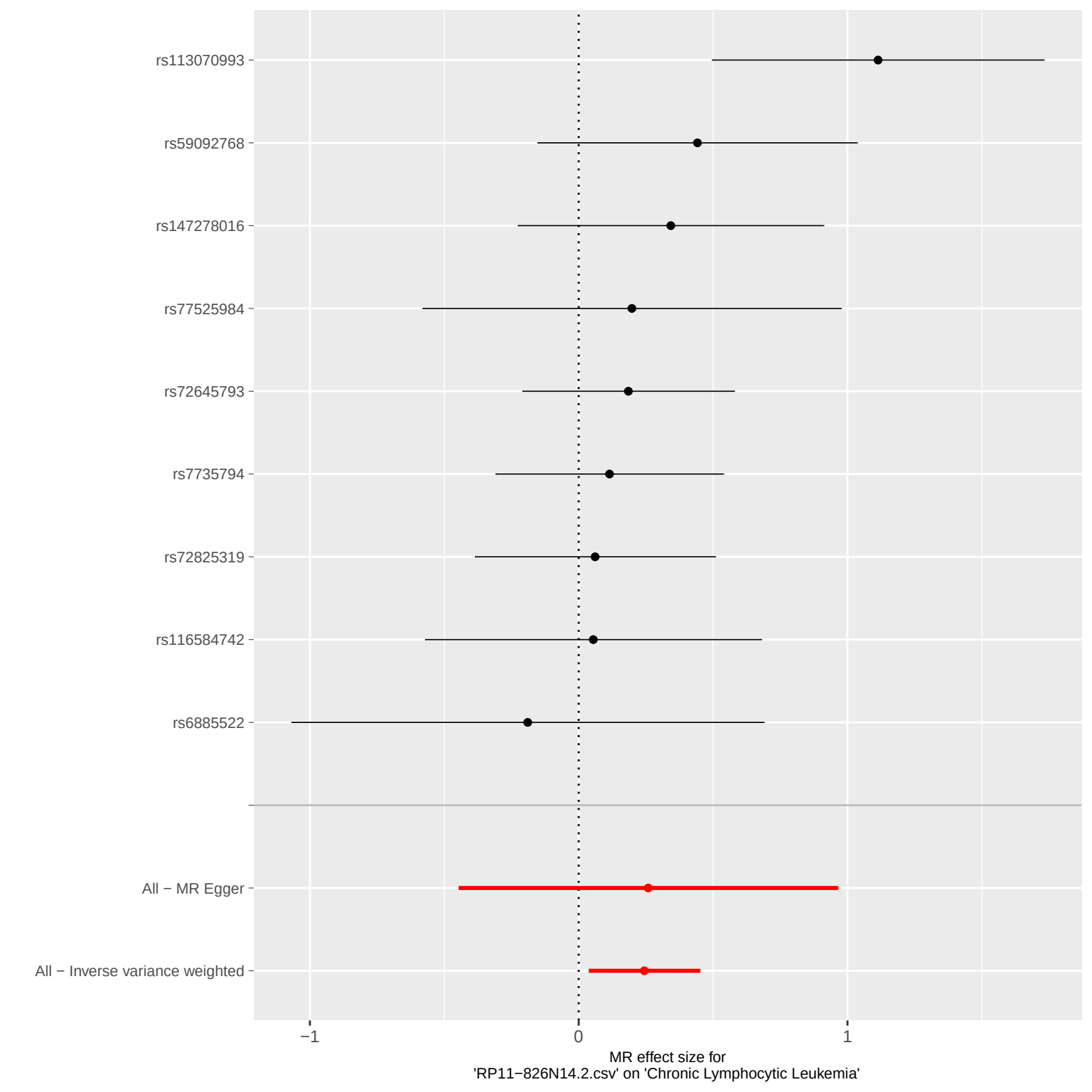
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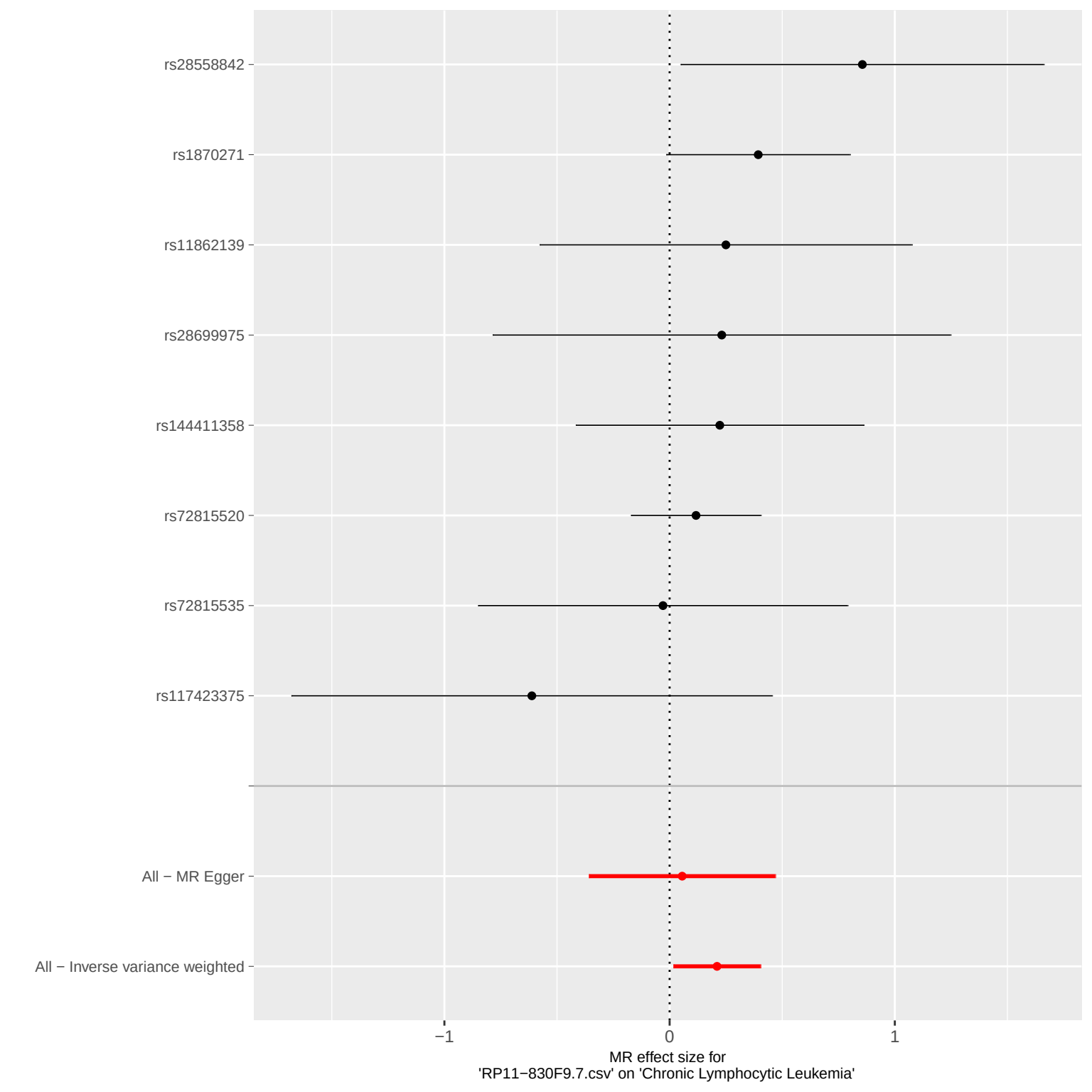
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MR effect size for
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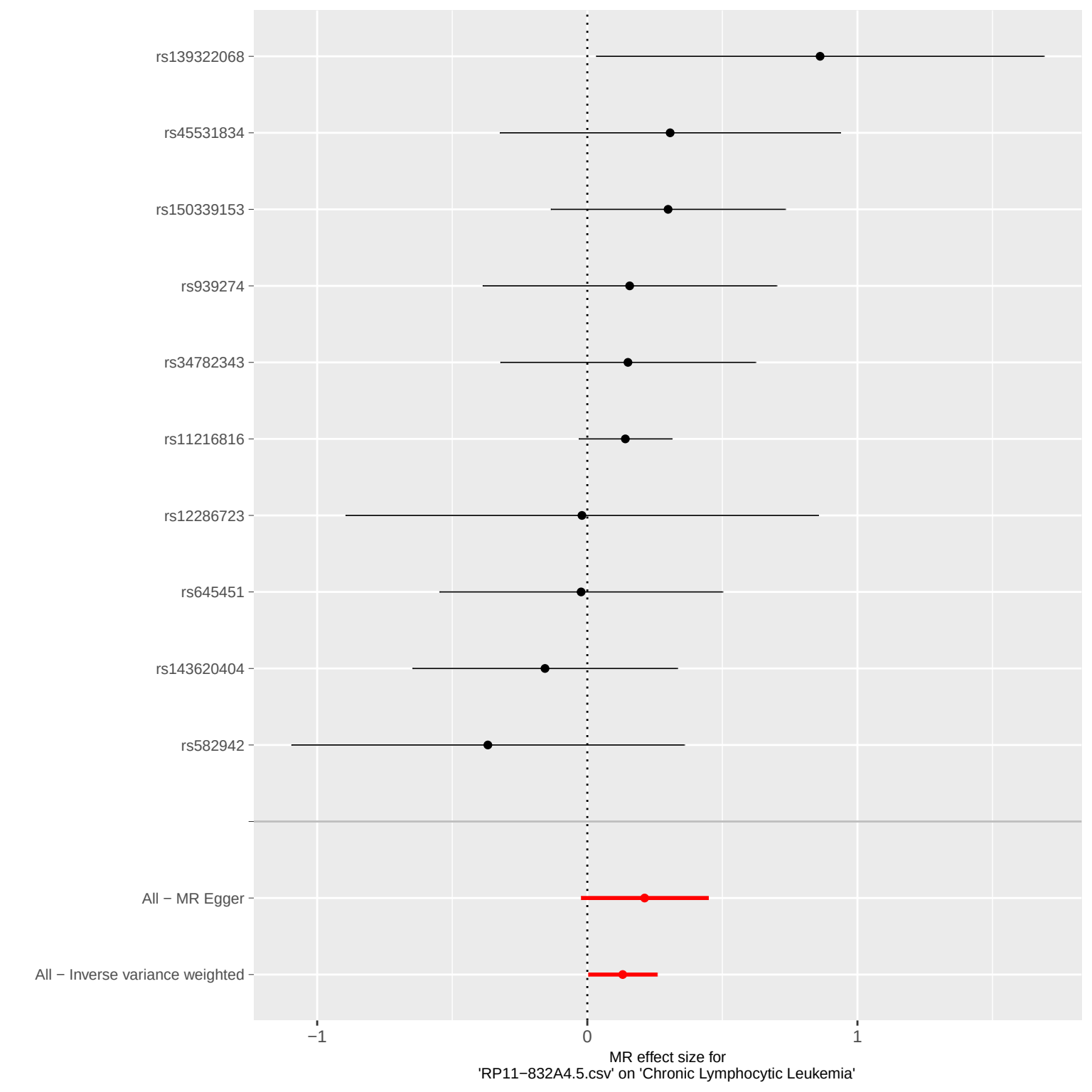
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MR effect size for
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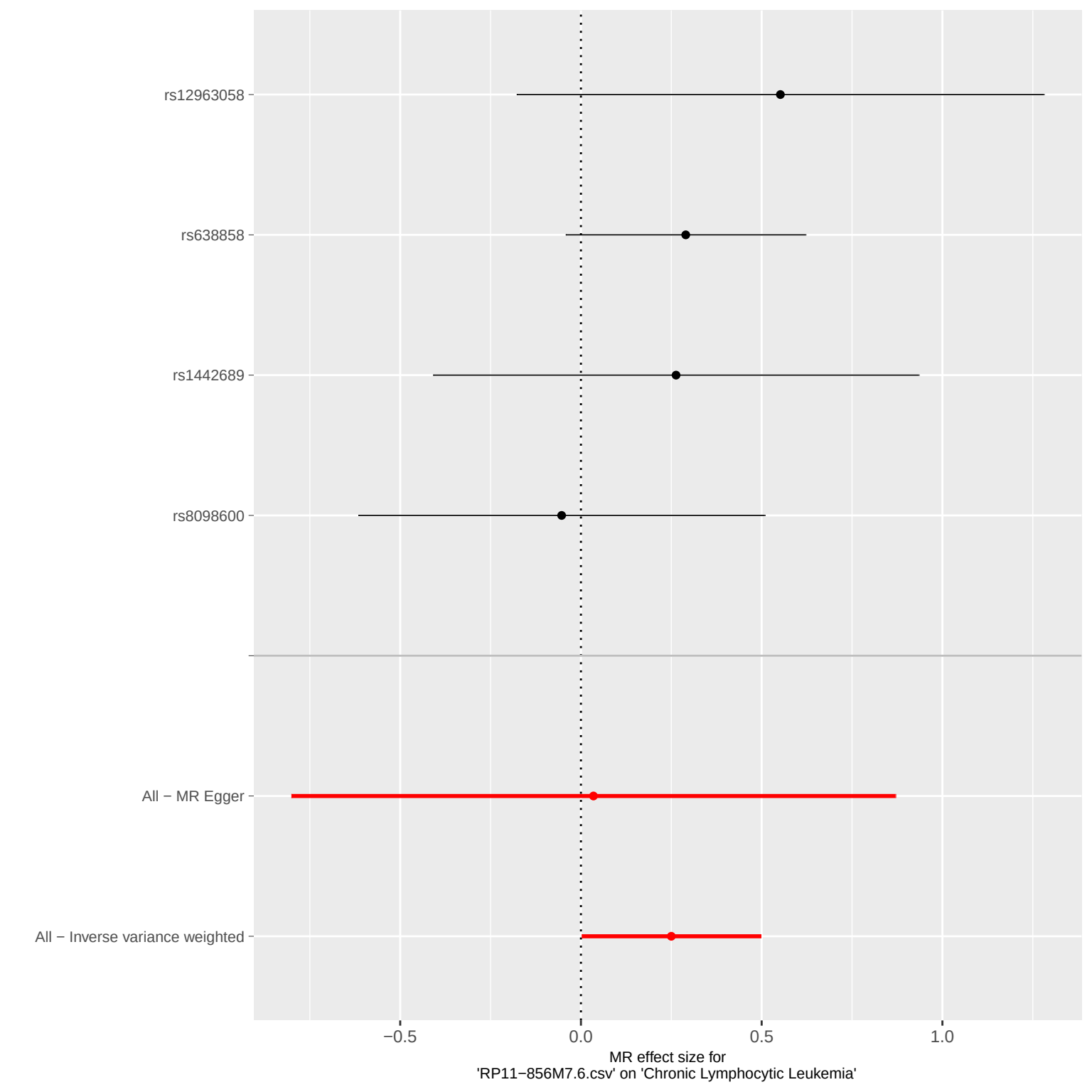
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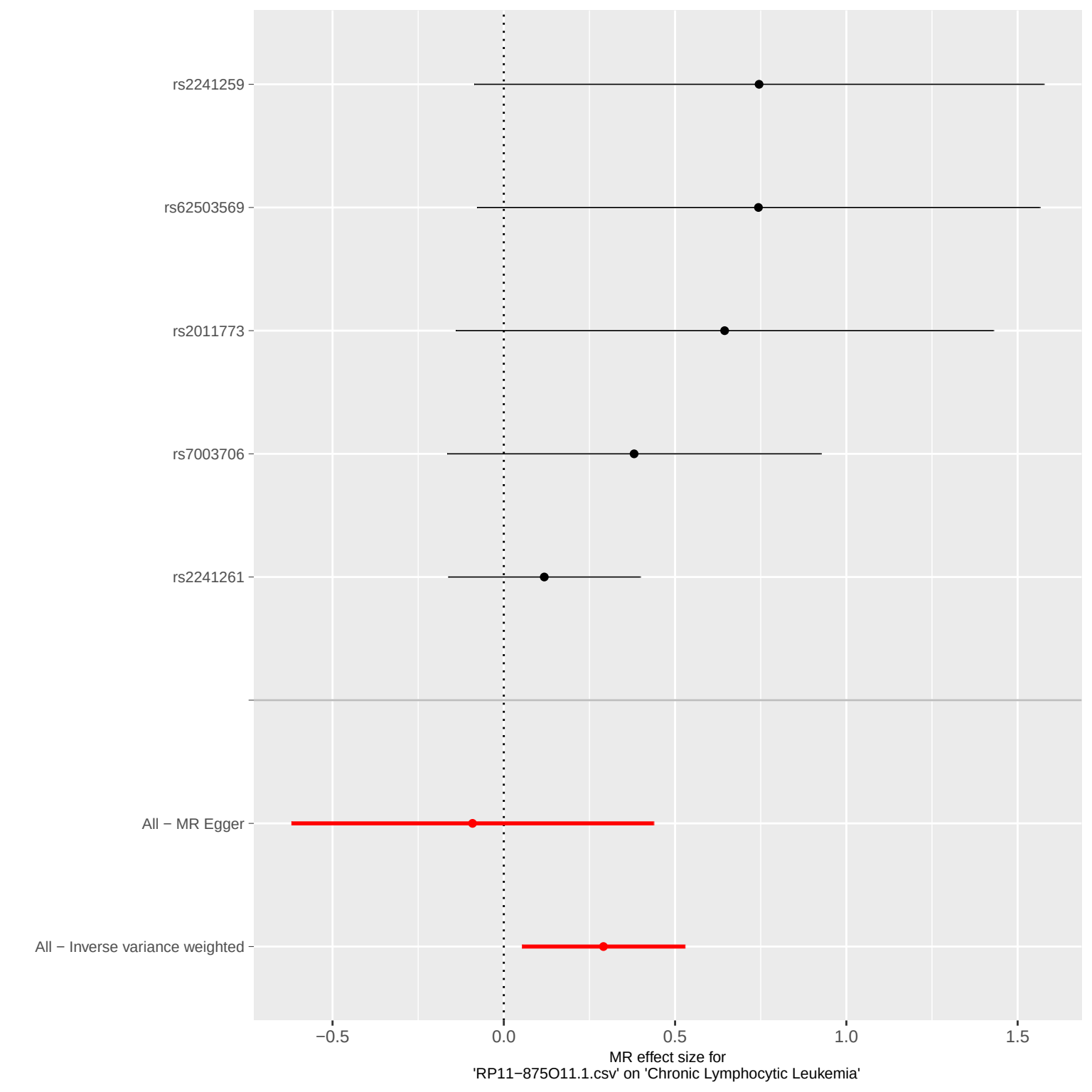
MR effect size for
'RP11−856M7.6.csv' on 'Chronic Lymphocytic Leukemia'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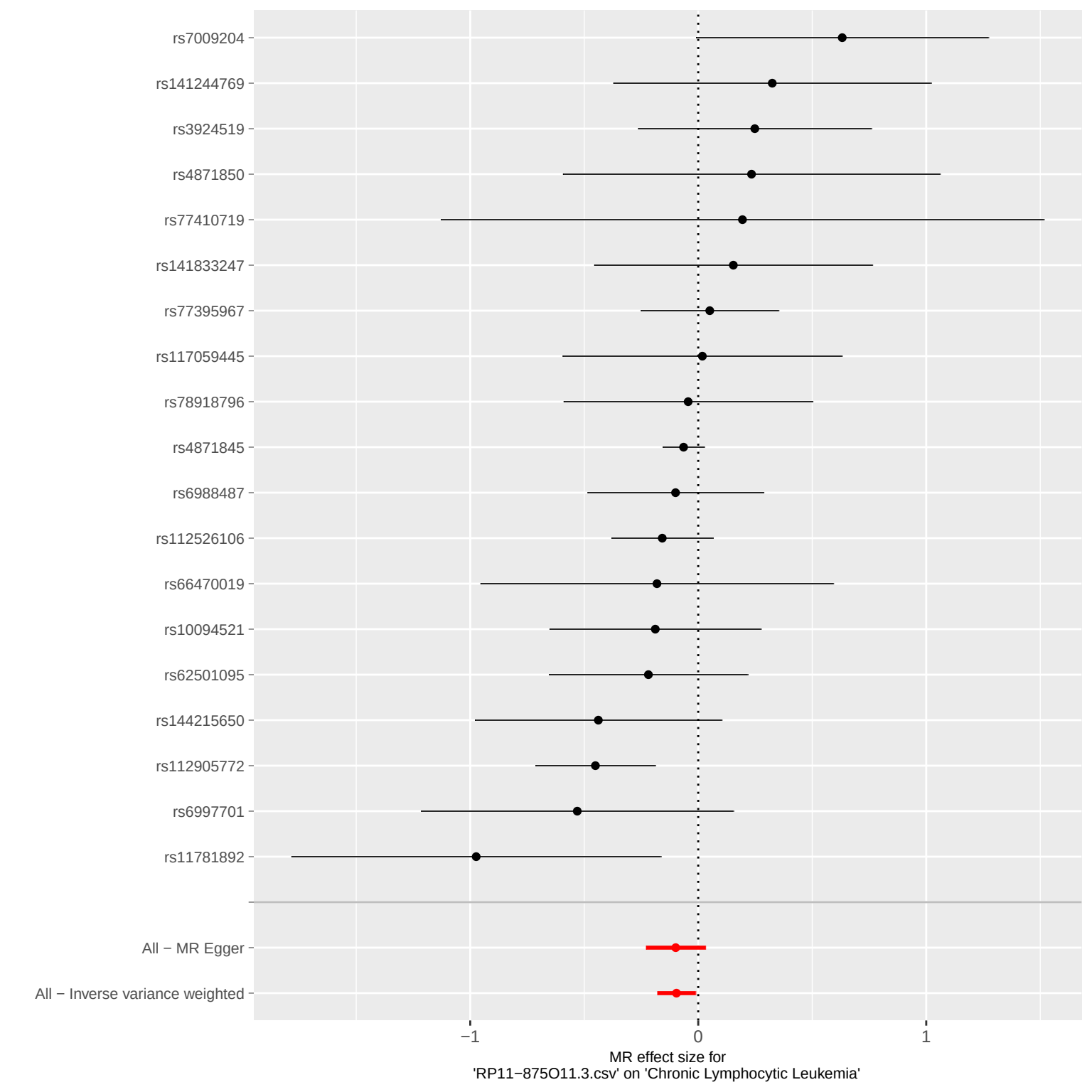
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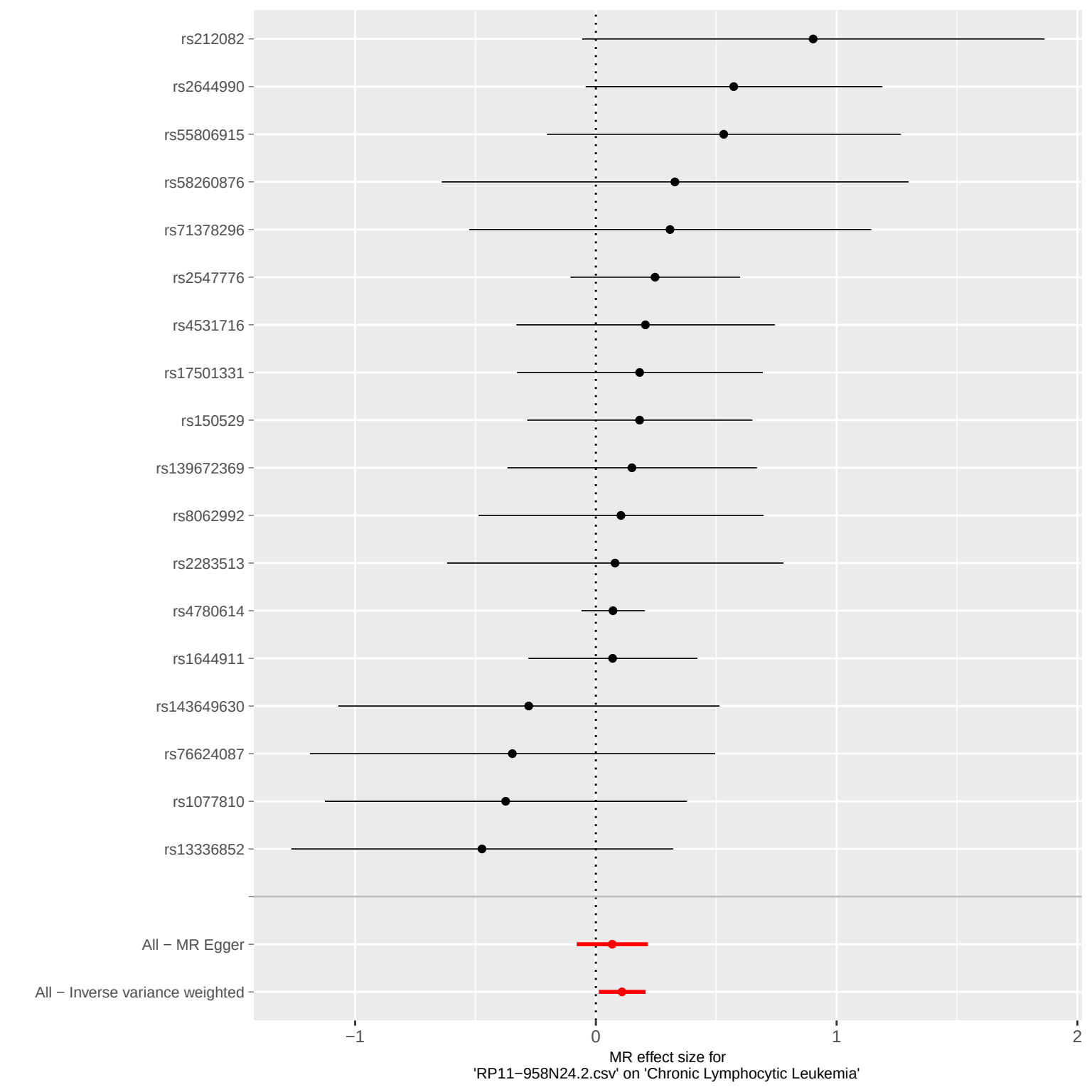
'RP11−875O11.3.csv' on 'Chronic Lymphocytic Leukemia'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rs76624087
rs1077810
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All − Inverse variance weighted
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MR effect size for
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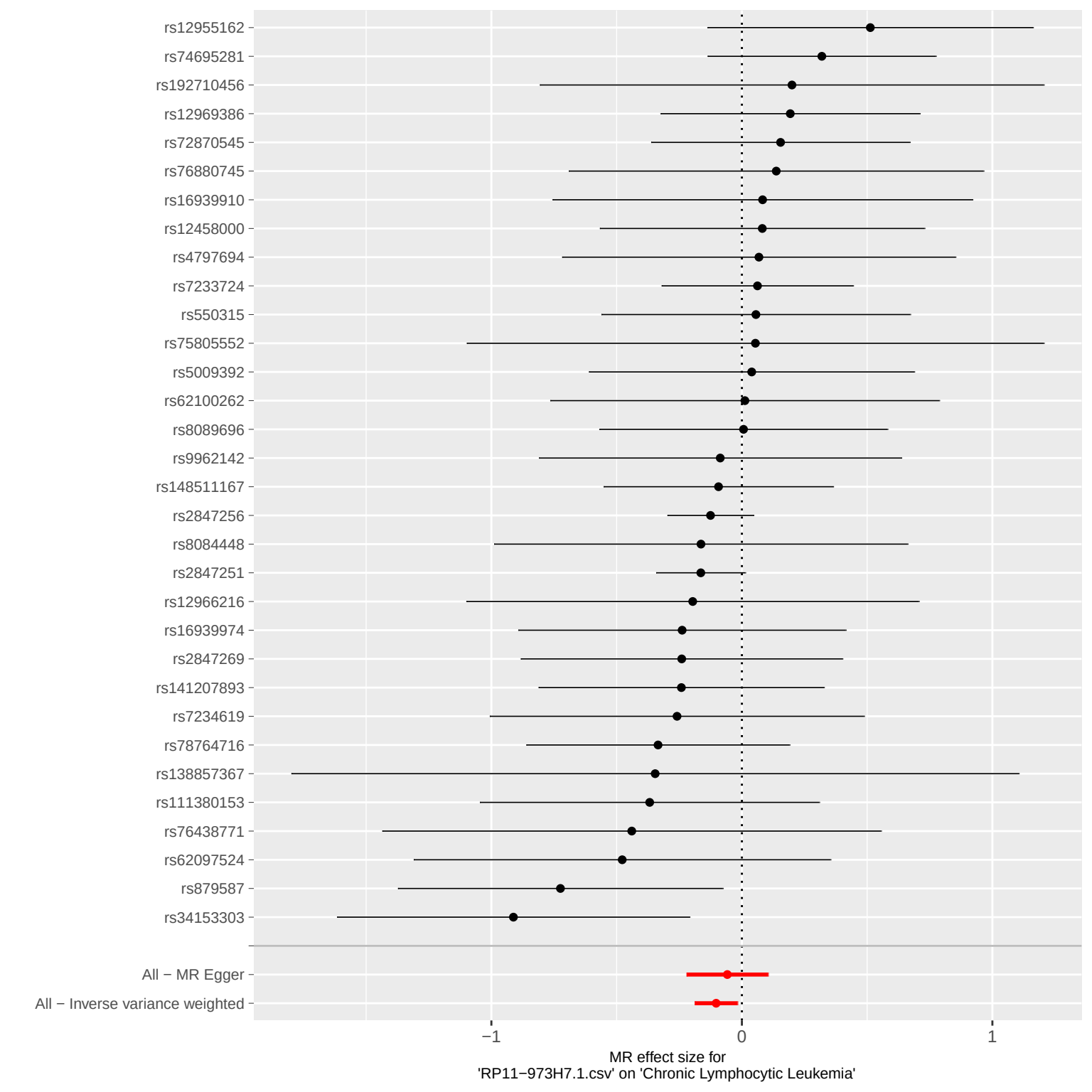
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All − Inverse variance weighted
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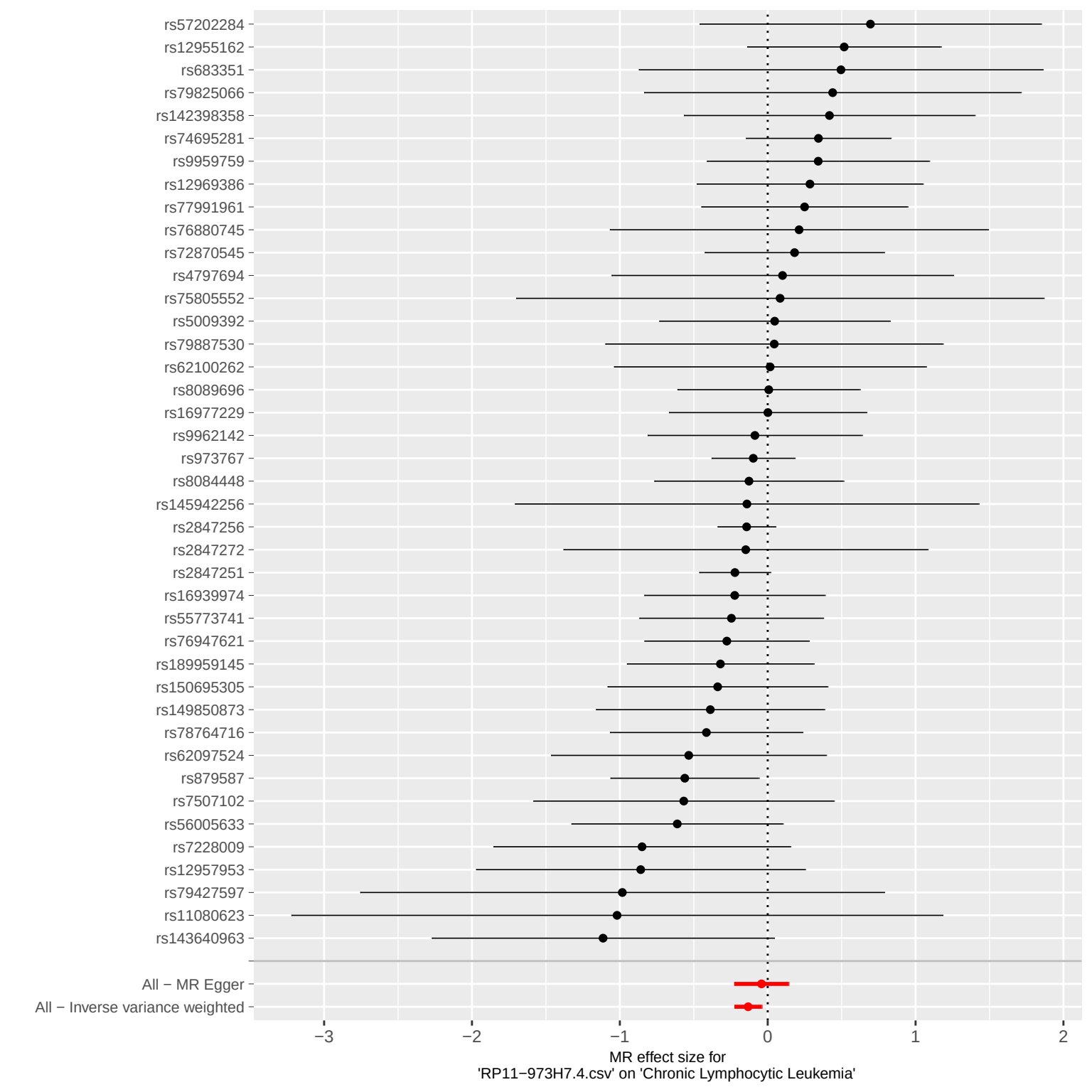
MR effect size for
'RP11−973H7.1.csv' on 'Chronic Lymphocytic Leukemia'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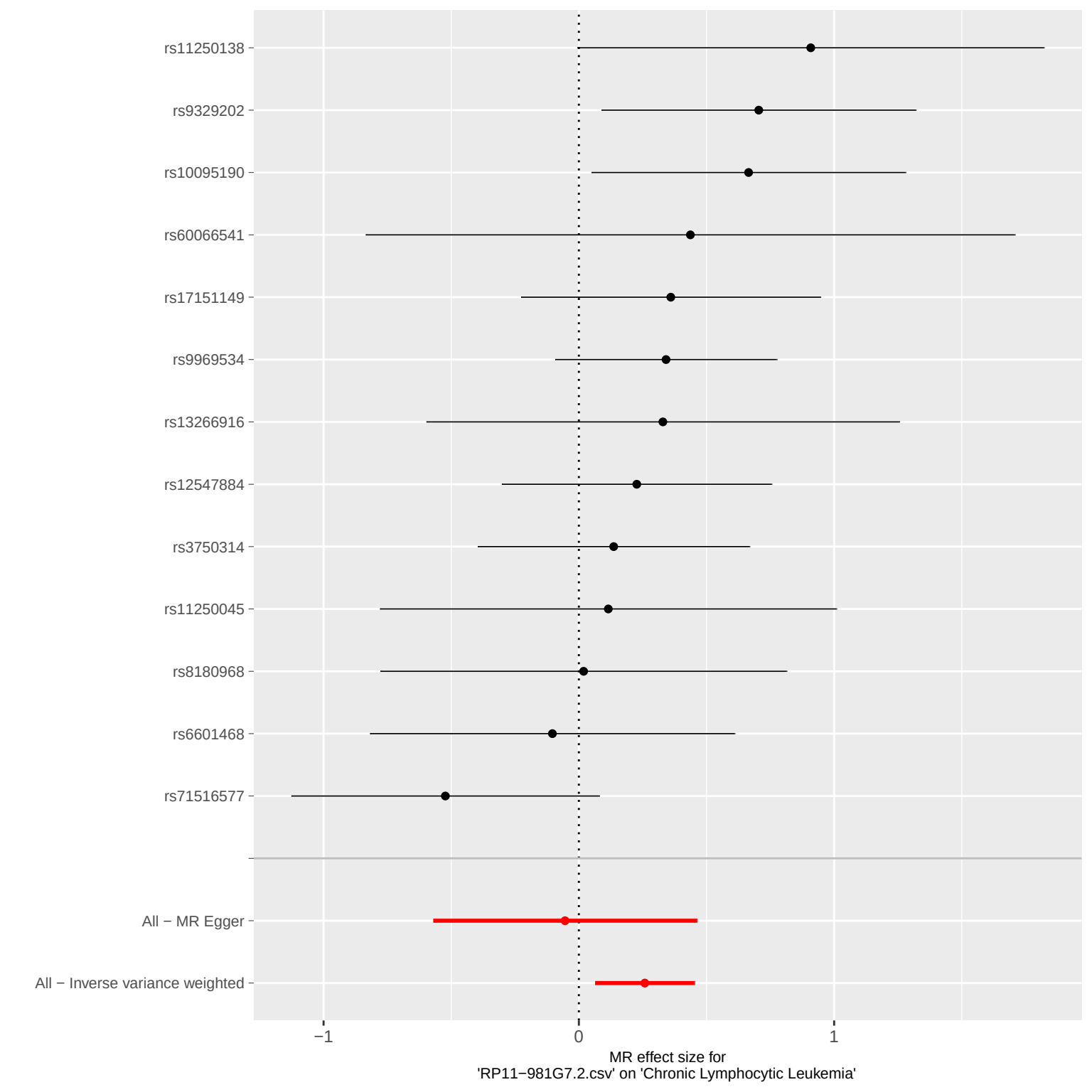
MR effect size for
'RP11−973H7.4.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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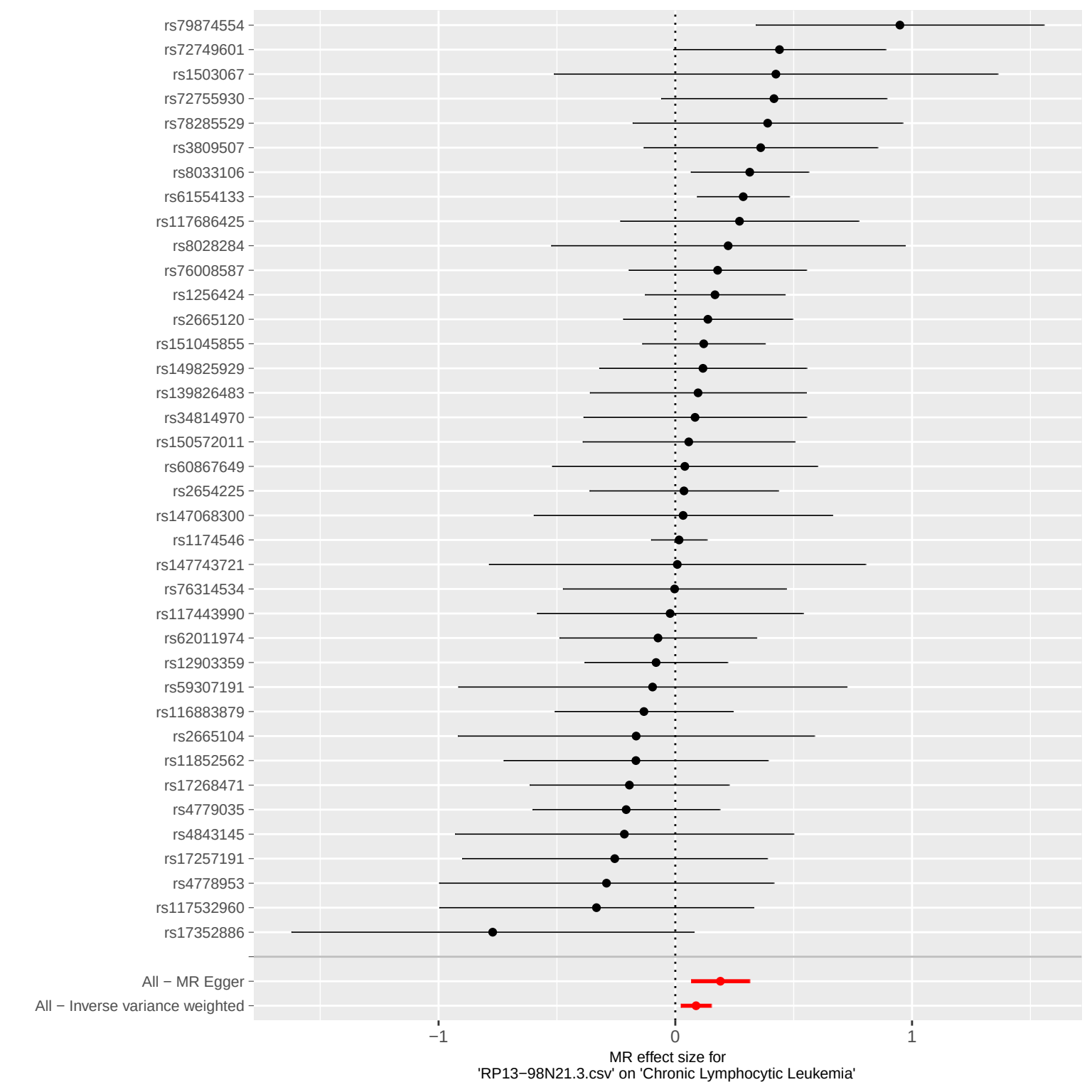
MR effect size for
'RP11−981G7.2.csv' on 'Chronic Lymphocytic Leukemia'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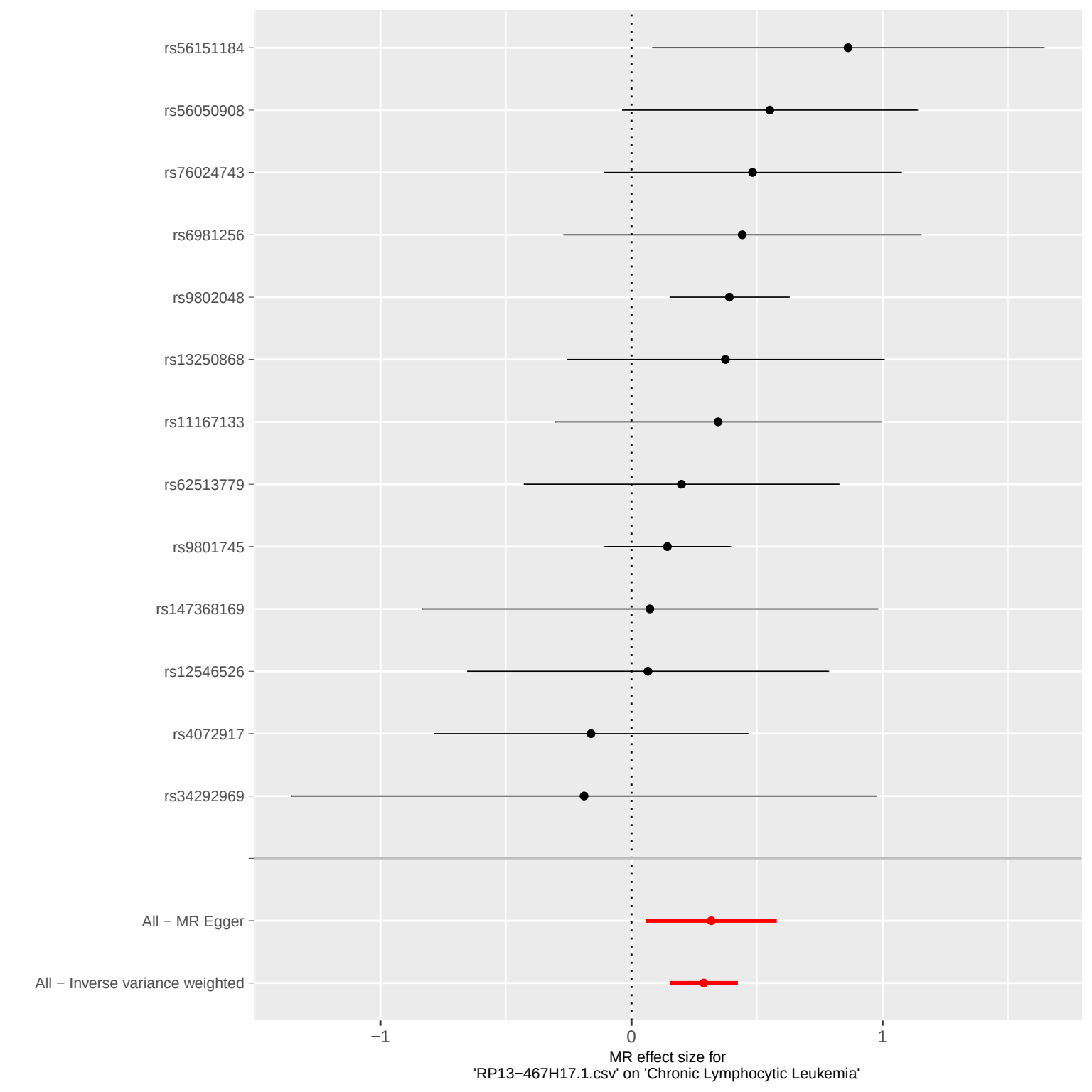
MR effect size for
'RP13−98N21.3.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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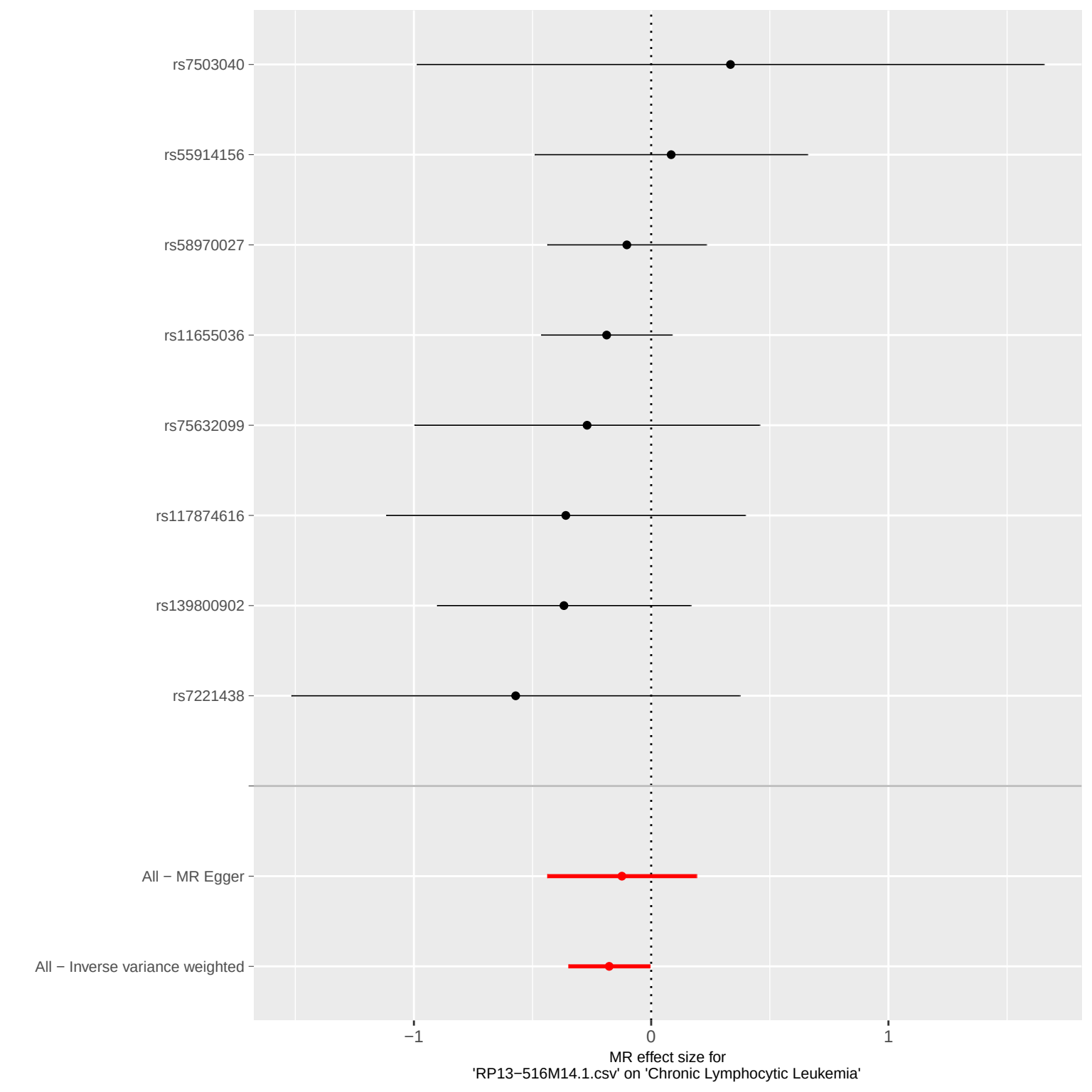
MR effect size for
'RP13−467H17.1.csv' on 'Chronic Lymphocytic Leukemia'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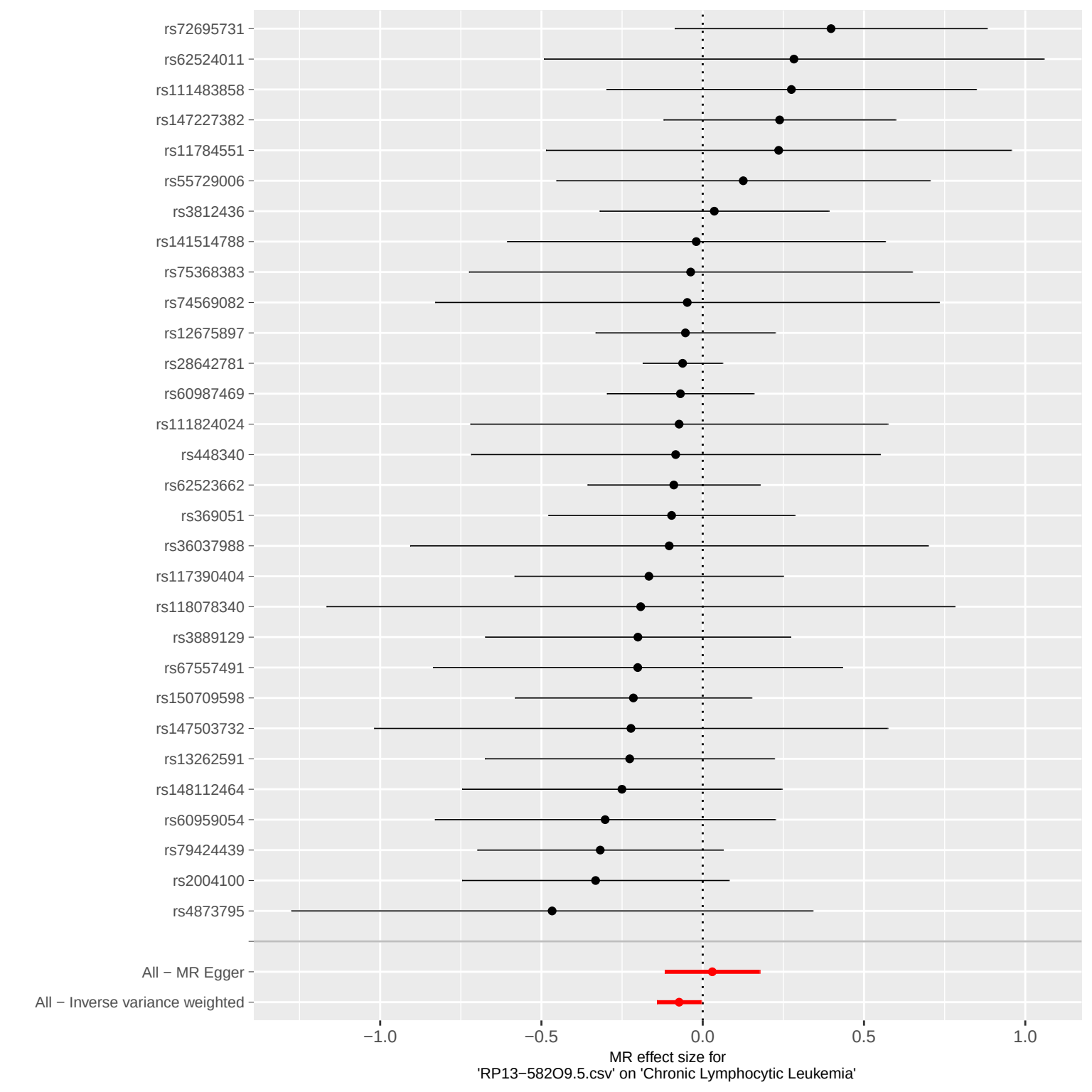
MR effect size for
'RP13−516M14.1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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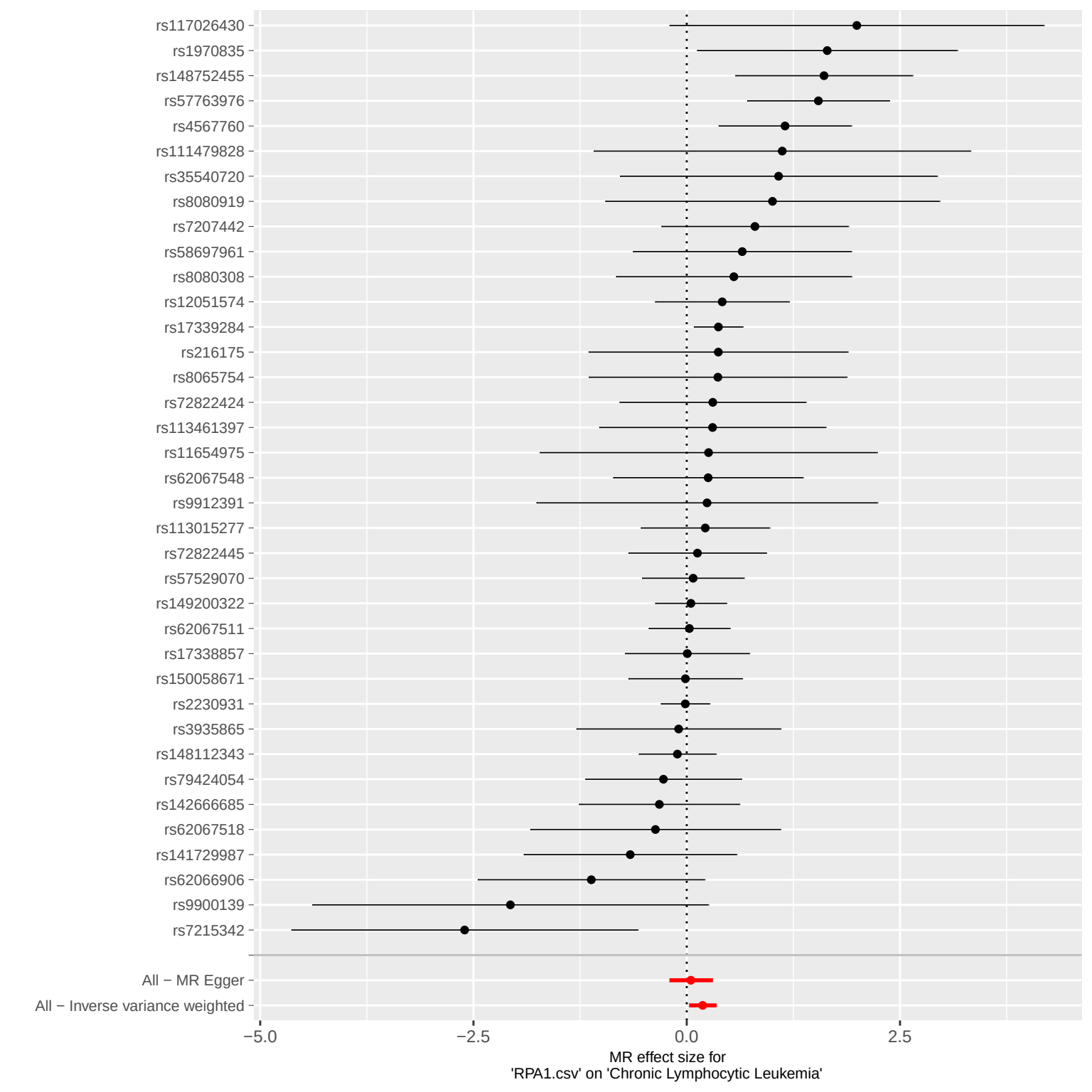
MR effect size for
'RP13−582O9.5.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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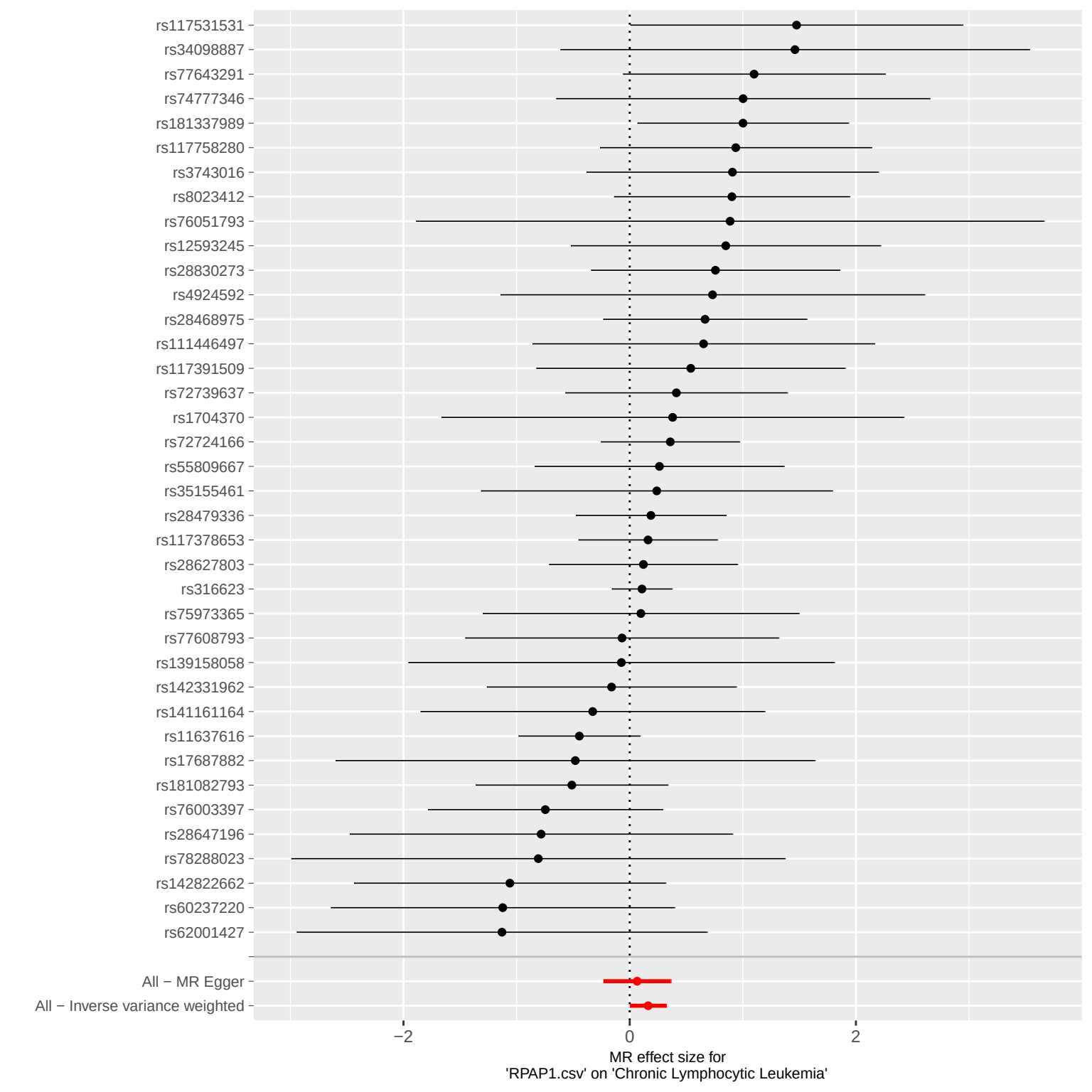
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All − MR Egger
All − Inverse variance weighted
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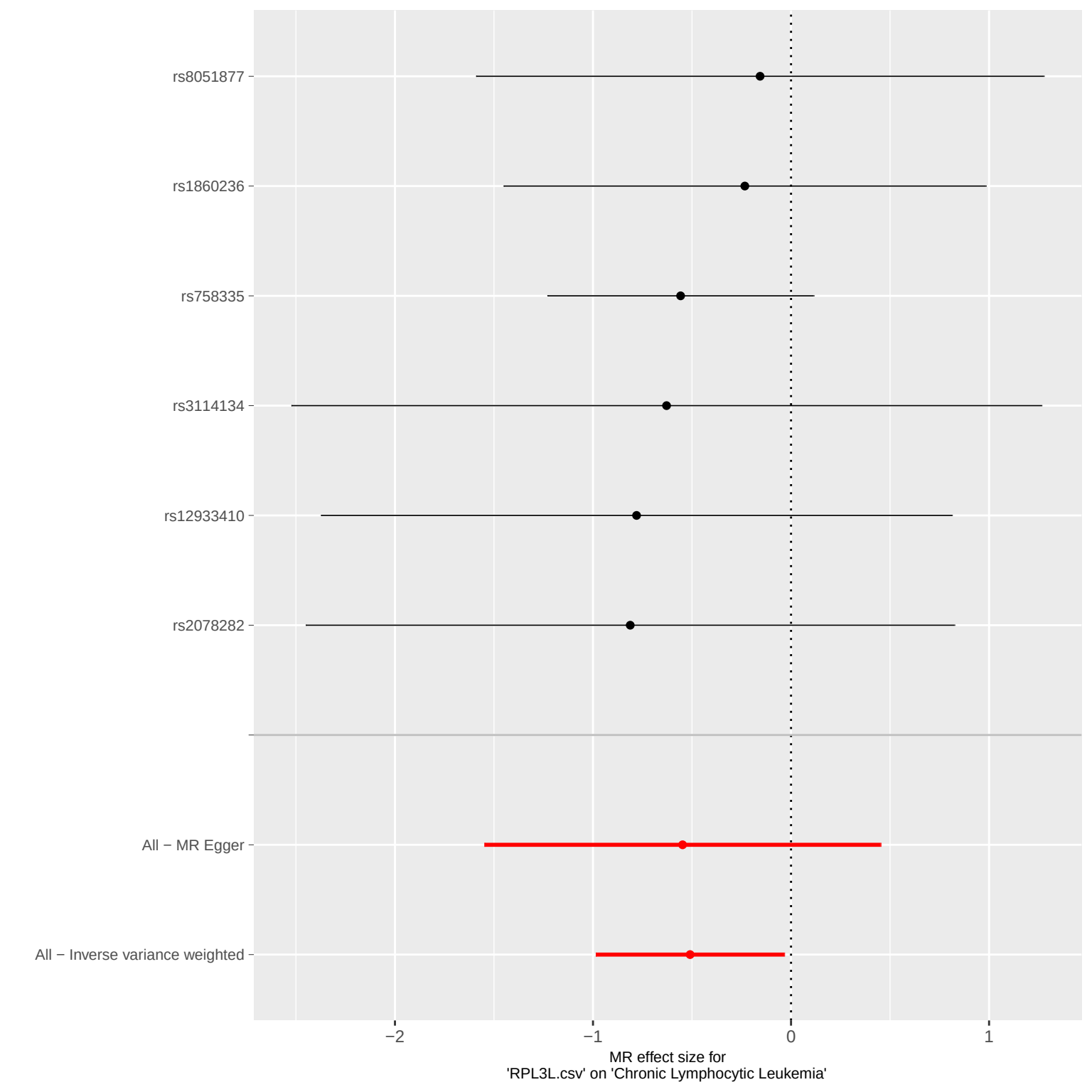
MR effect size for
'RPAP1.csv' on 'Chronic Lymphocytic Leukemia'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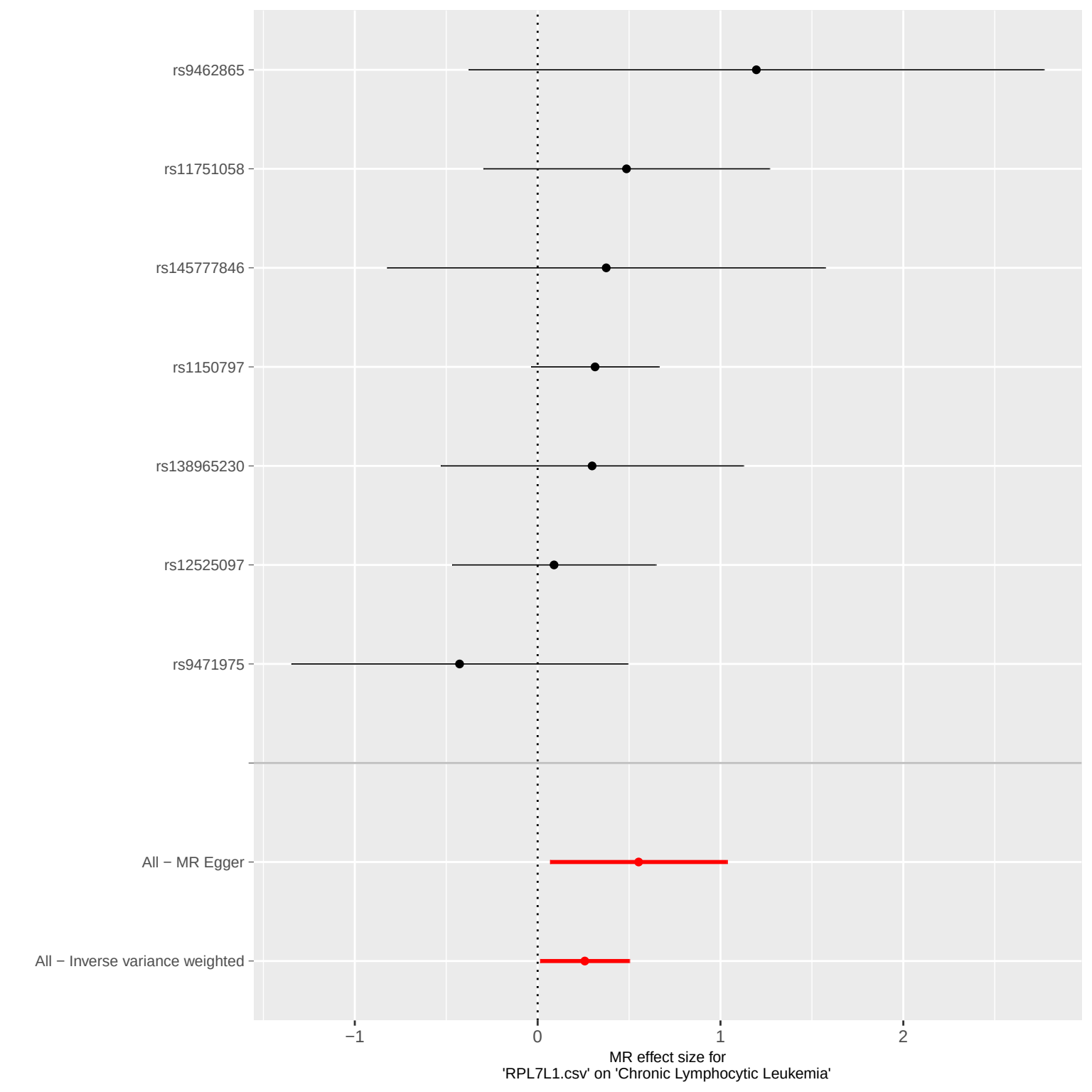
'RPL3L.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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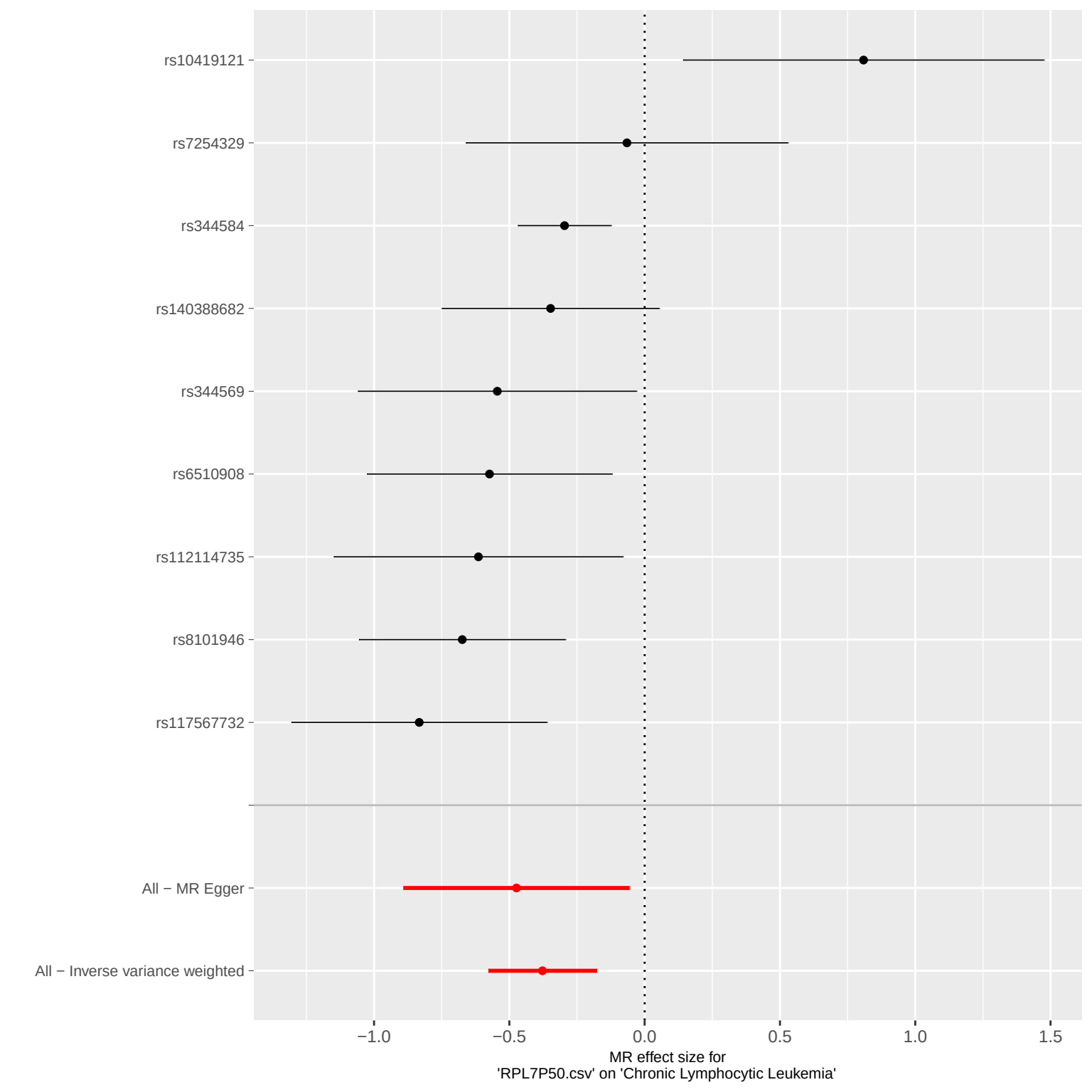
MR effect size for
'RPL7L1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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0.0
0.5
1.0
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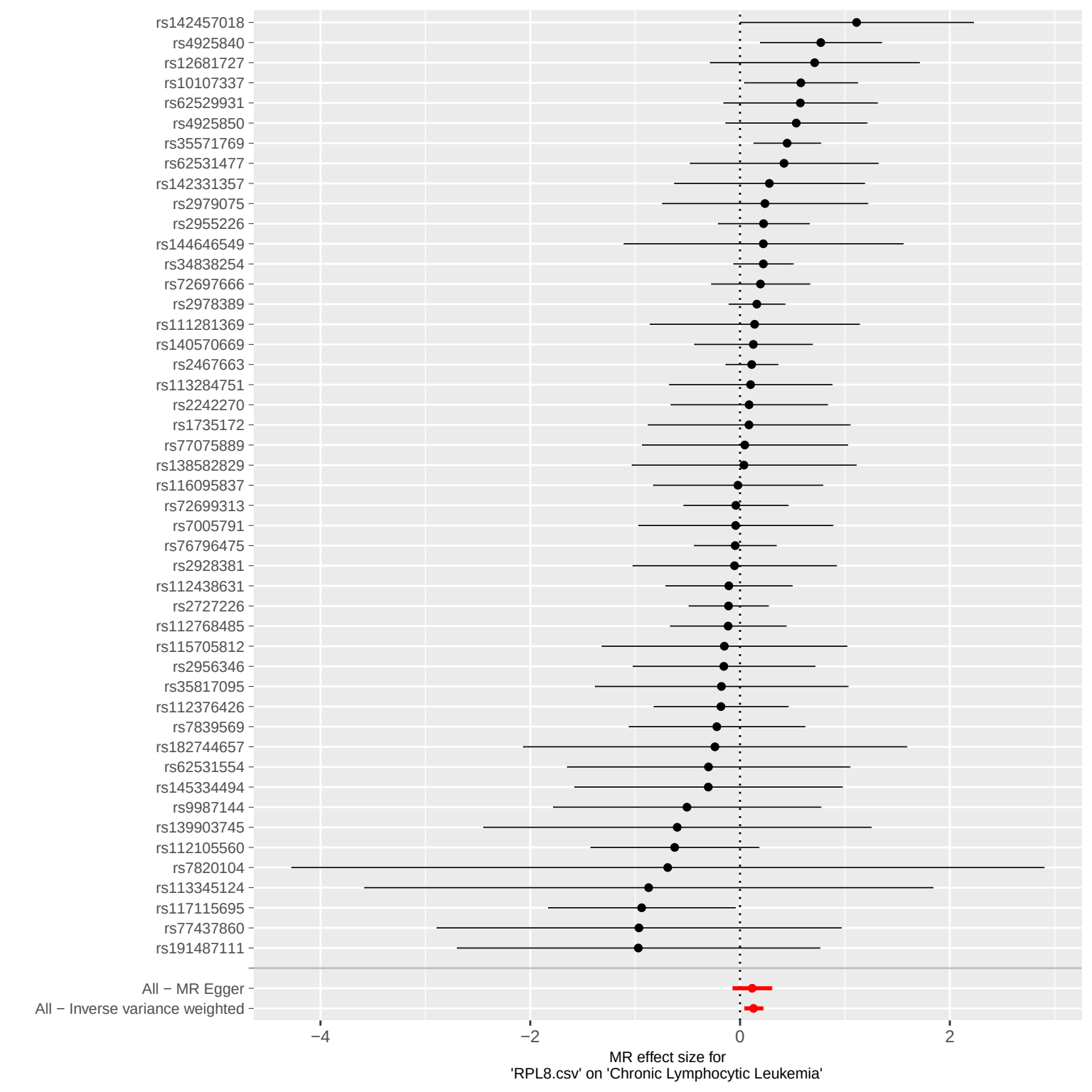
MR effect size for
'RPL7P50.csv' on 'Chronic Lymphocytic Leukemia'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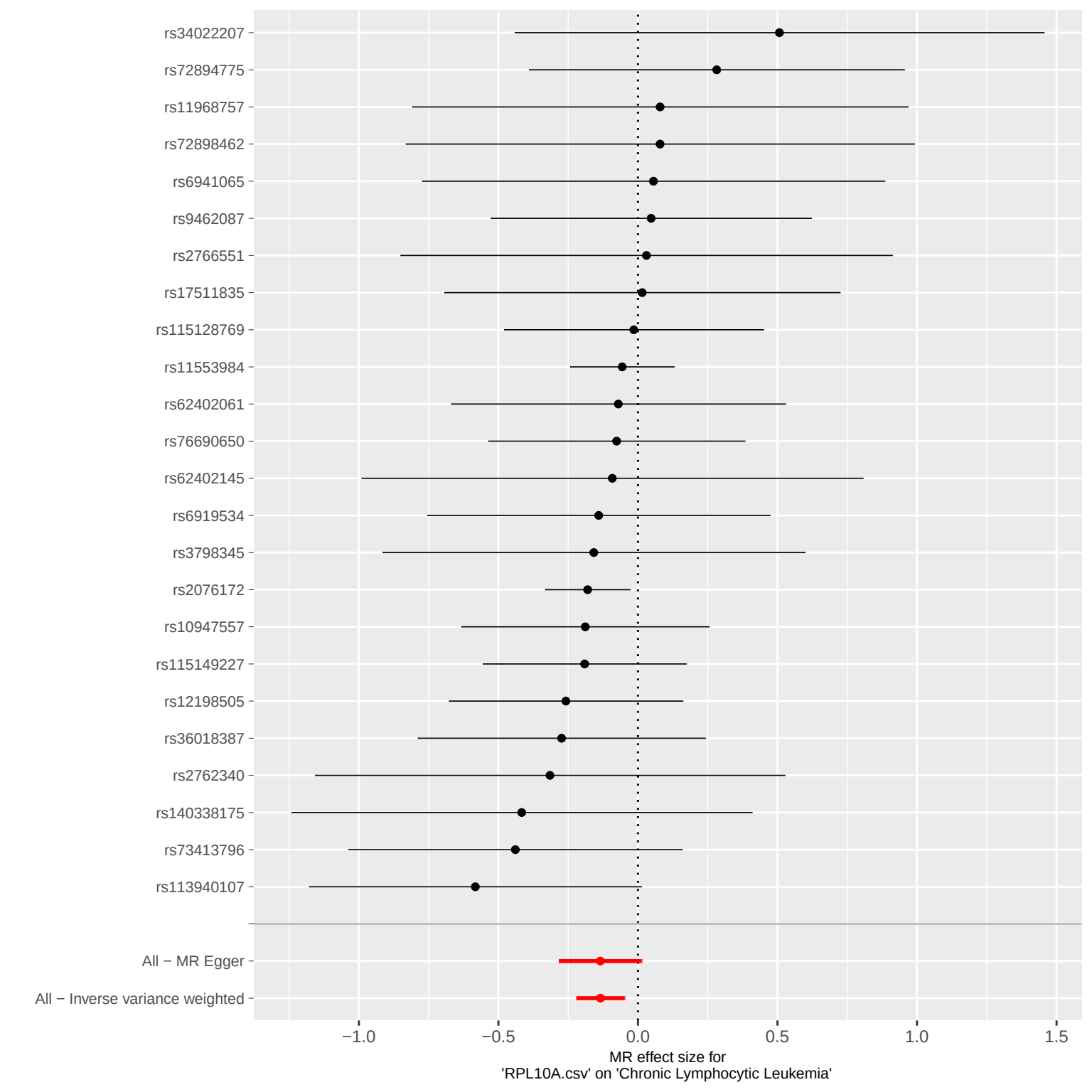
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RPL8.csv' on 'Chronic Lymphocytic Leukemia'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rs6919534
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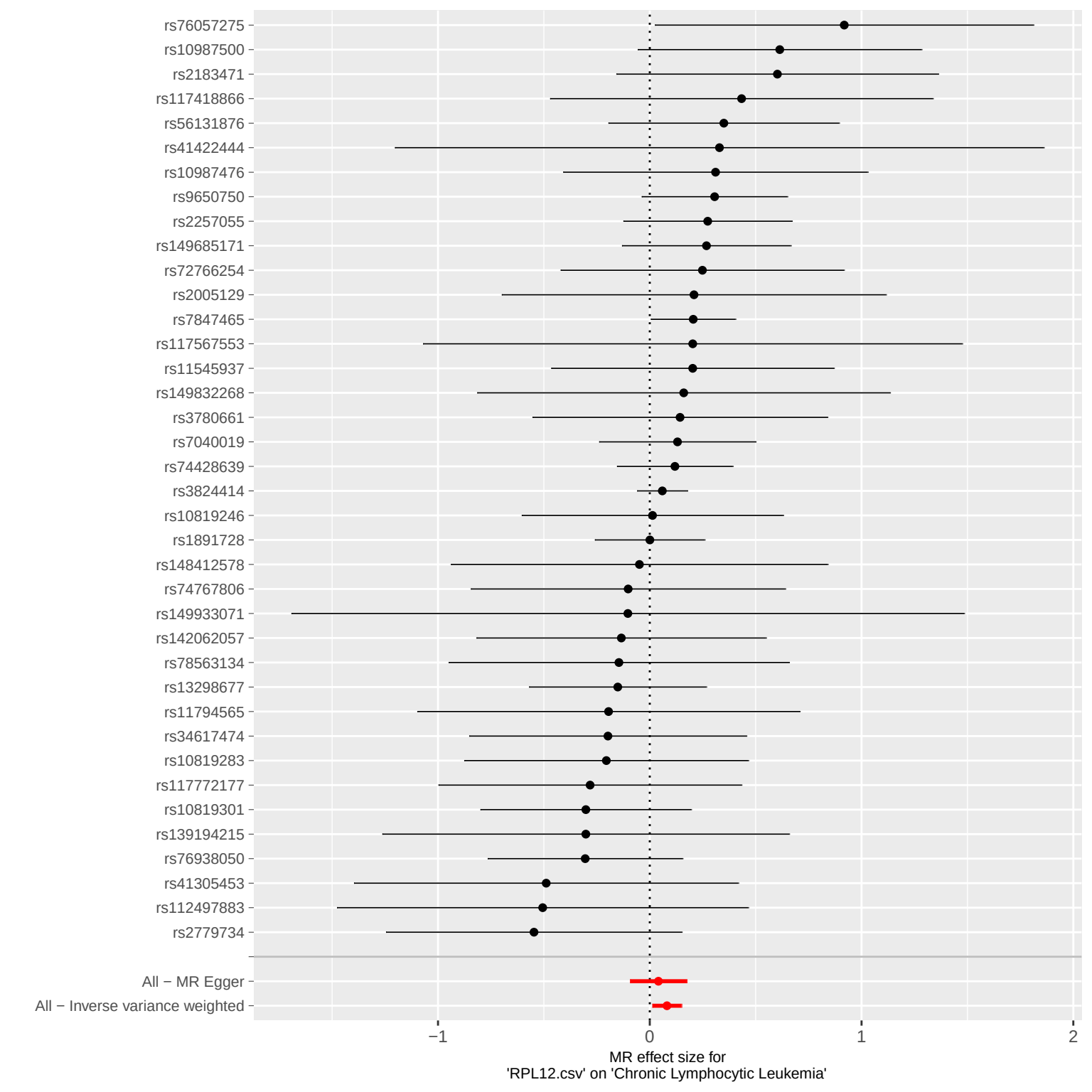
rs2076172
rs10947557
rs115149227
rs12198505
rs36018387
rs2762340
rs140338175
rs73413796
rs113940107
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'RPL10A.csv' on 'Chronic Lymphocytic Leukemia'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rs139194215
rs76938050
rs41305453
rs112497883
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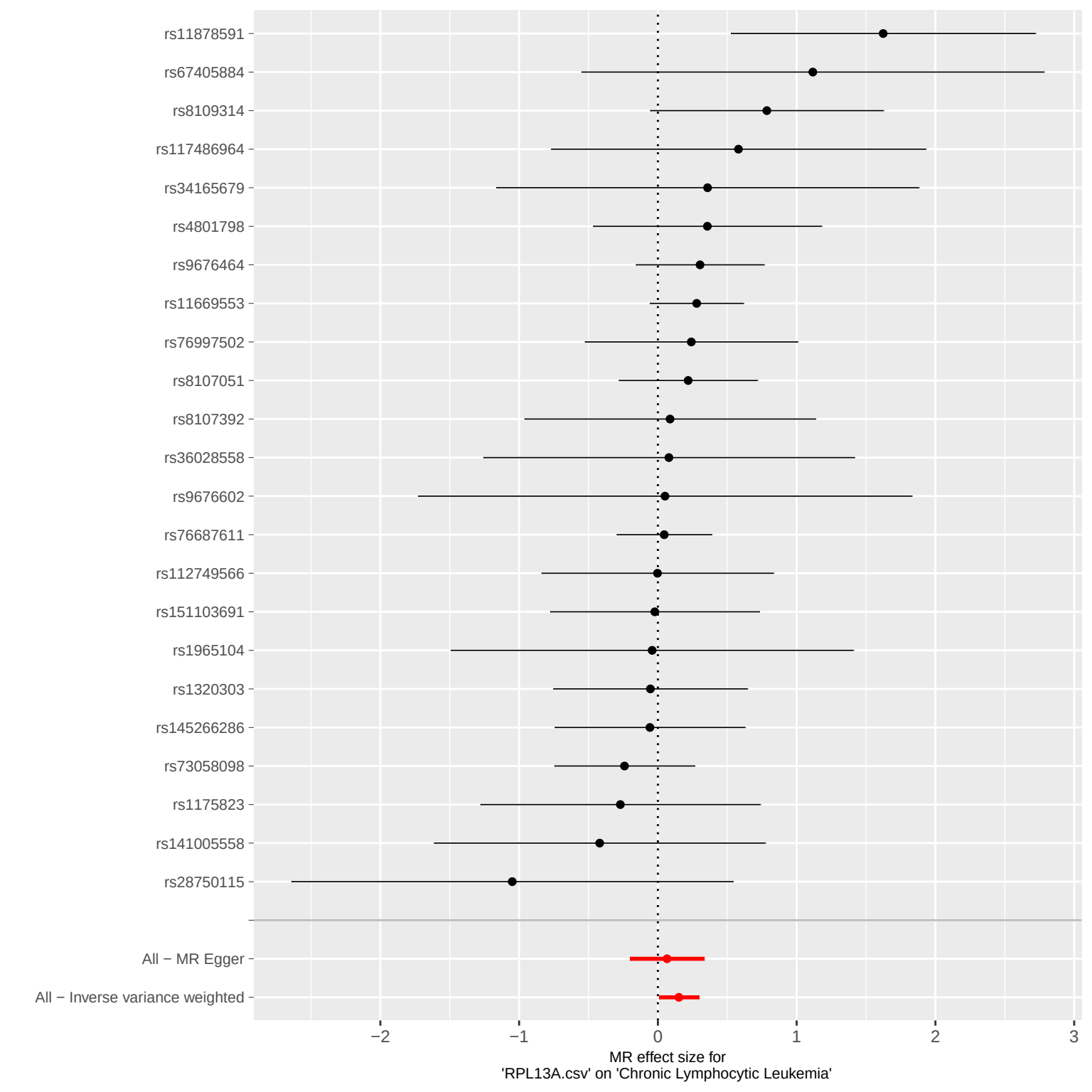
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'RPL12.csv' on 'Chronic Lymphocytic Leukemia'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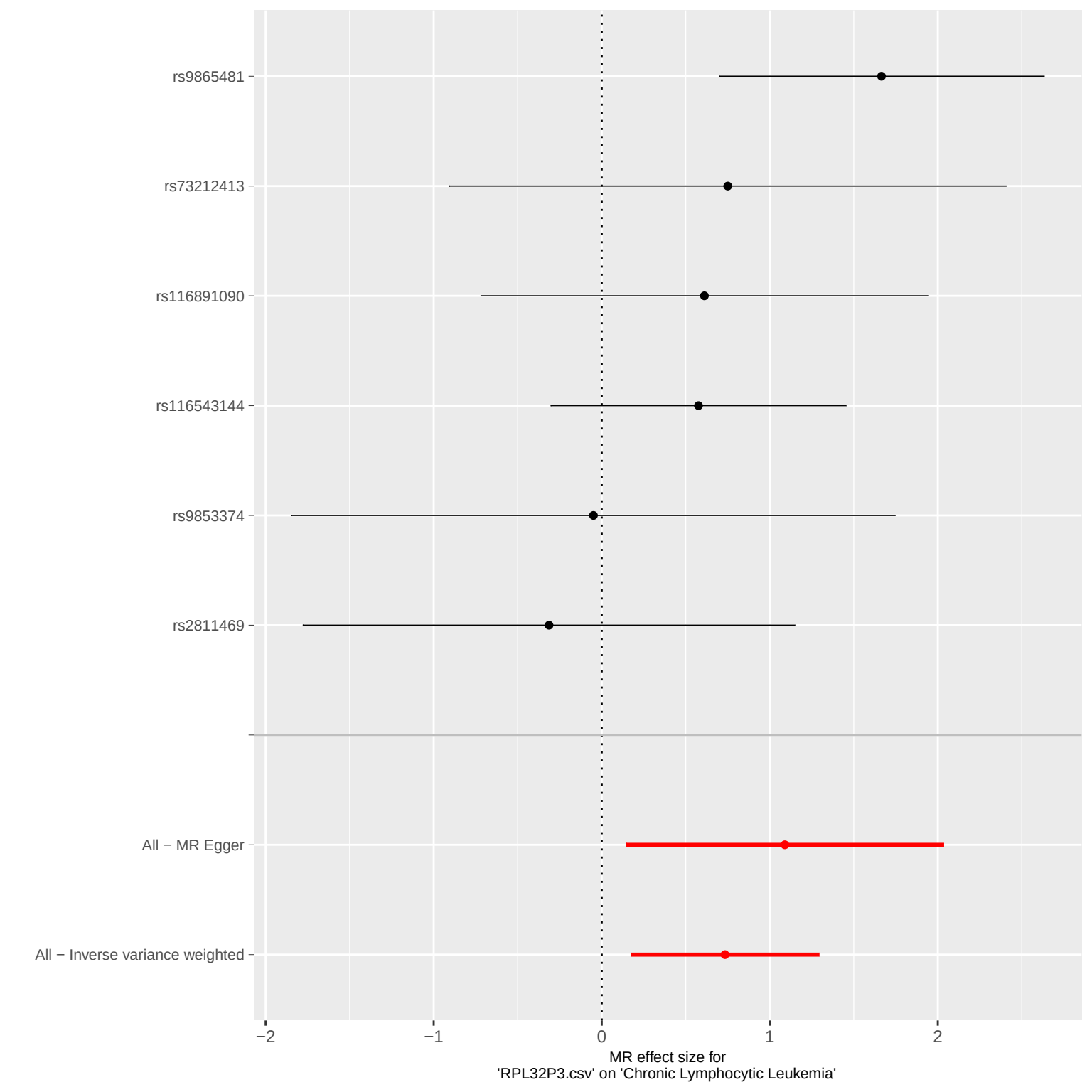
rs112749566
rs151103691
rs1965104
rs1320303
rs145266286
rs73058098
rs1175823
rs141005558
rs28750115
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'RPL13A.csv' on 'Chronic Lymphocytic Leukemia'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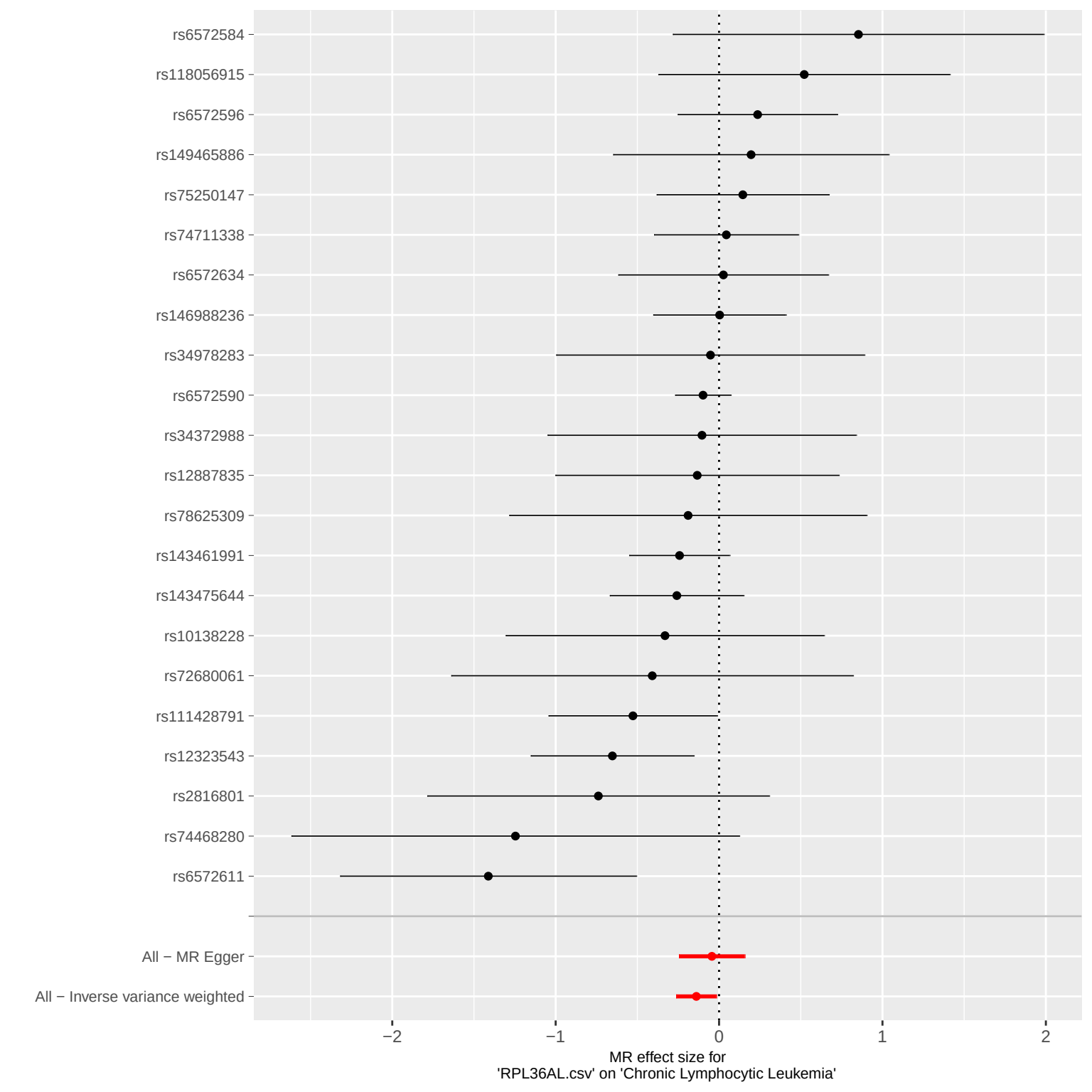
rs73212413
rs116891090
rs116543144
rs9853374
rs2811469
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RPL32P3.csv' on 'Chronic Lymphocytic Leukemia'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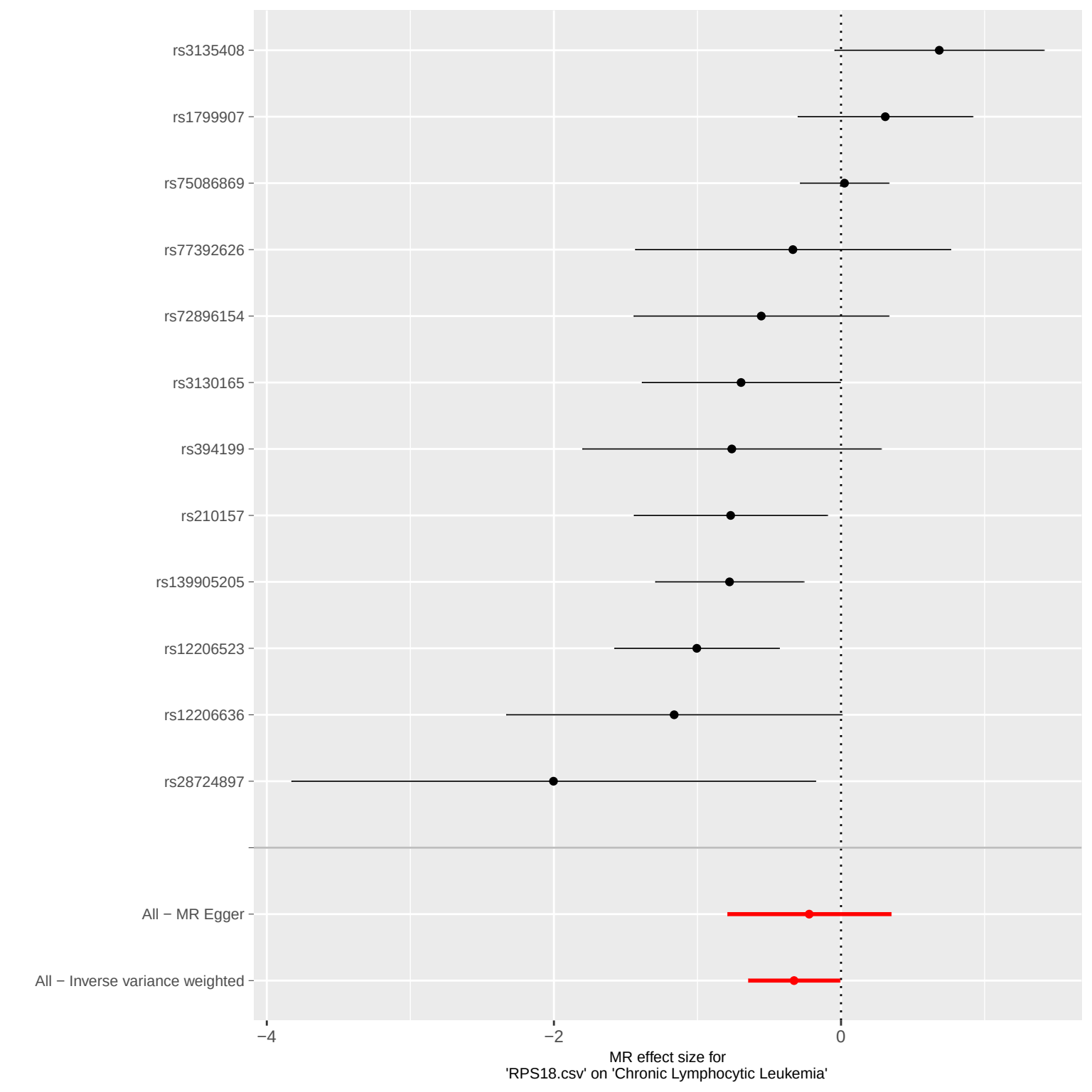
rs2816801
rs74468280
rs6572611
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'RPL36AL.csv' on 'Chronic Lymphocytic Leukemia'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rs210157
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rs12206523
rs12206636
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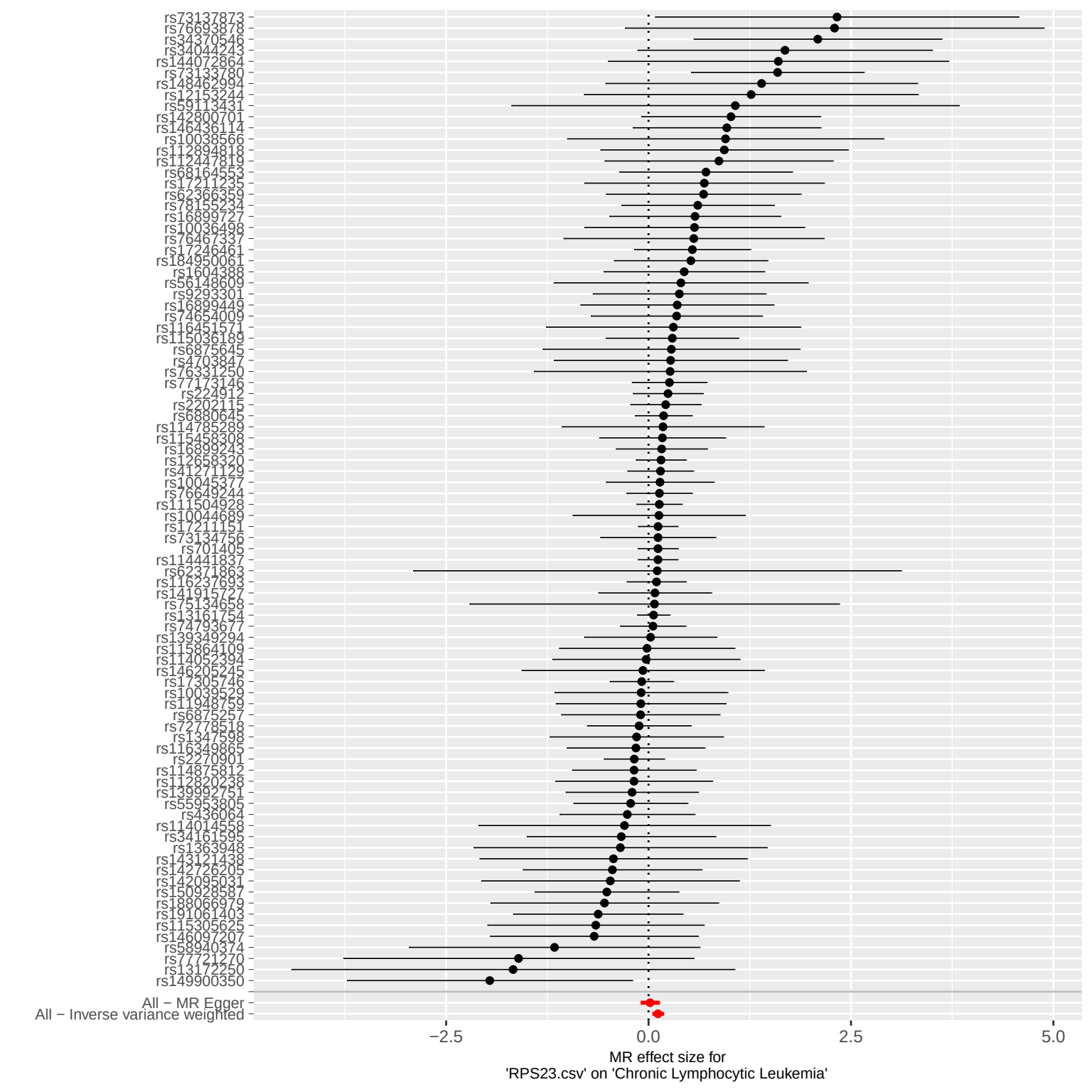
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'RPS18.csv' on 'Chronic Lymphocytic Leukemia'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rs78155234
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rs184950061
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rs142095031
rs150928587
rs188066979
rs191061403
rs115305625
rs146097207
rs58940374
rs77721270
rs13172250
rs149900350
All − MR Egger
All − Inverse variance weighted
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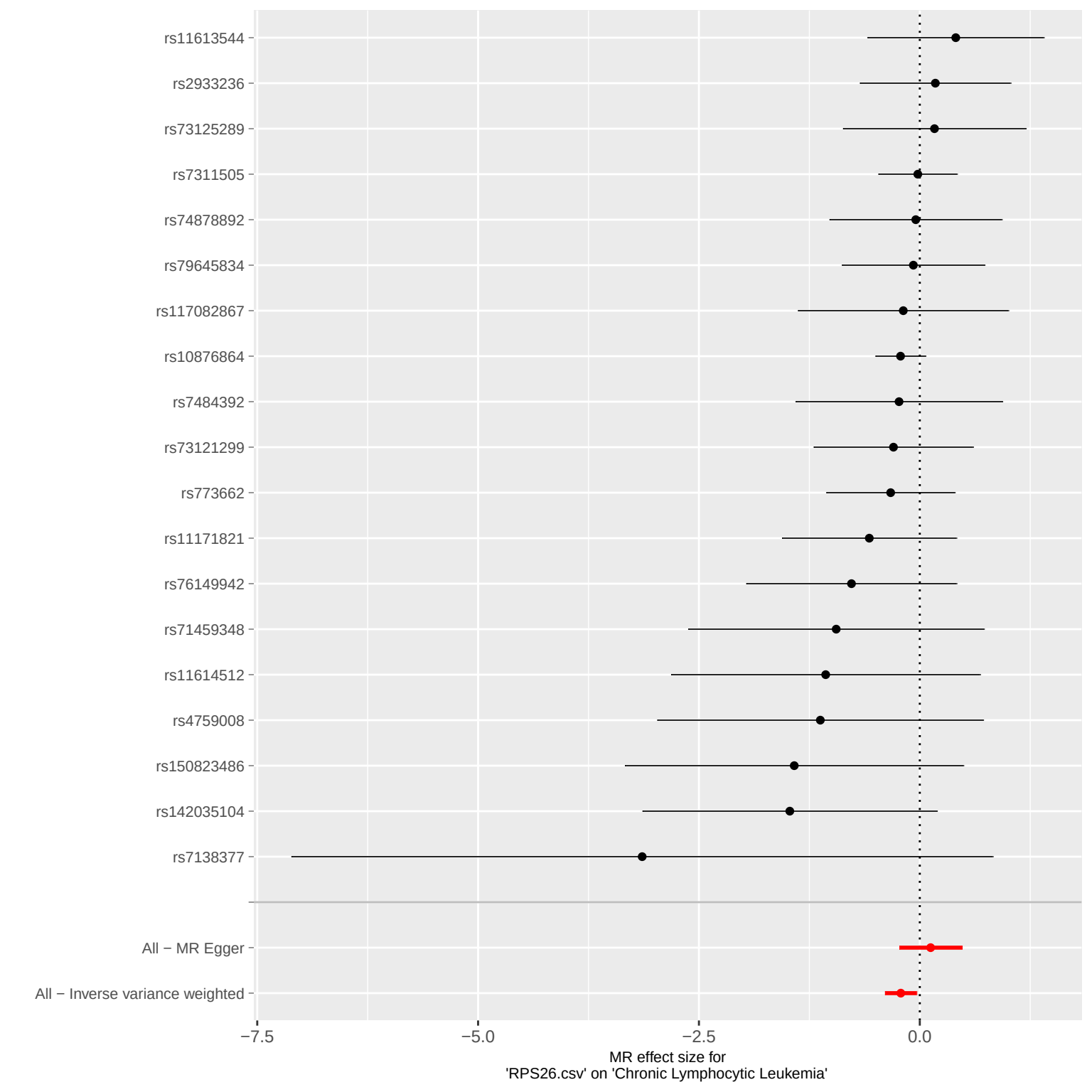
0.0
2.5
5.0
MR effect size for
'RPS23.csv' on 'Chronic Lymphocytic Leukemia'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rs11171821
rs76149942
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rs11614512
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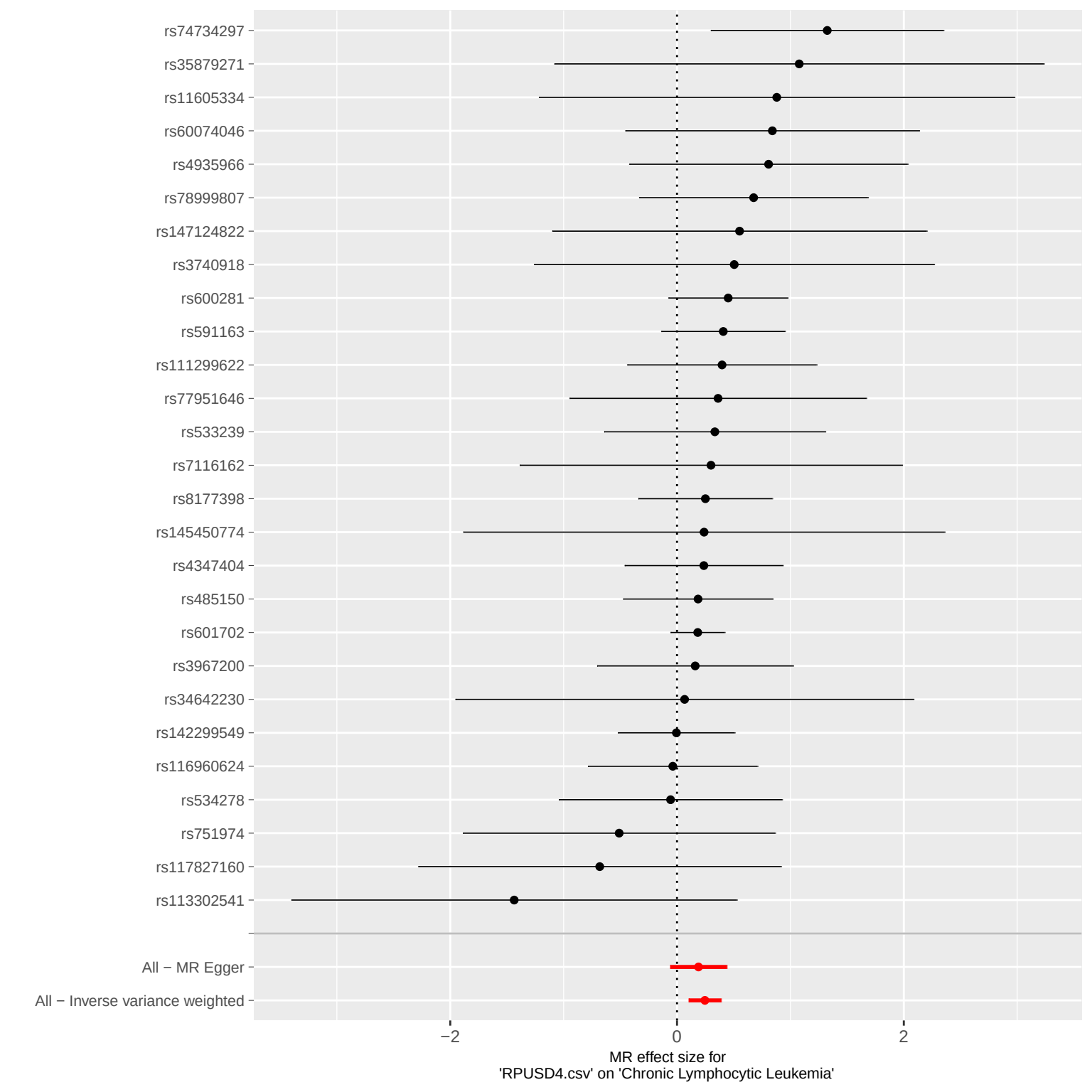
rs150823486
rs142035104
rs7138377
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'RPS26.csv' on 'Chronic Lymphocytic Leukemia'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rs485150
rs601702
rs3967200
rs34642230
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rs751974
rs117827160
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All − MR Egger
All − Inverse variance weighted
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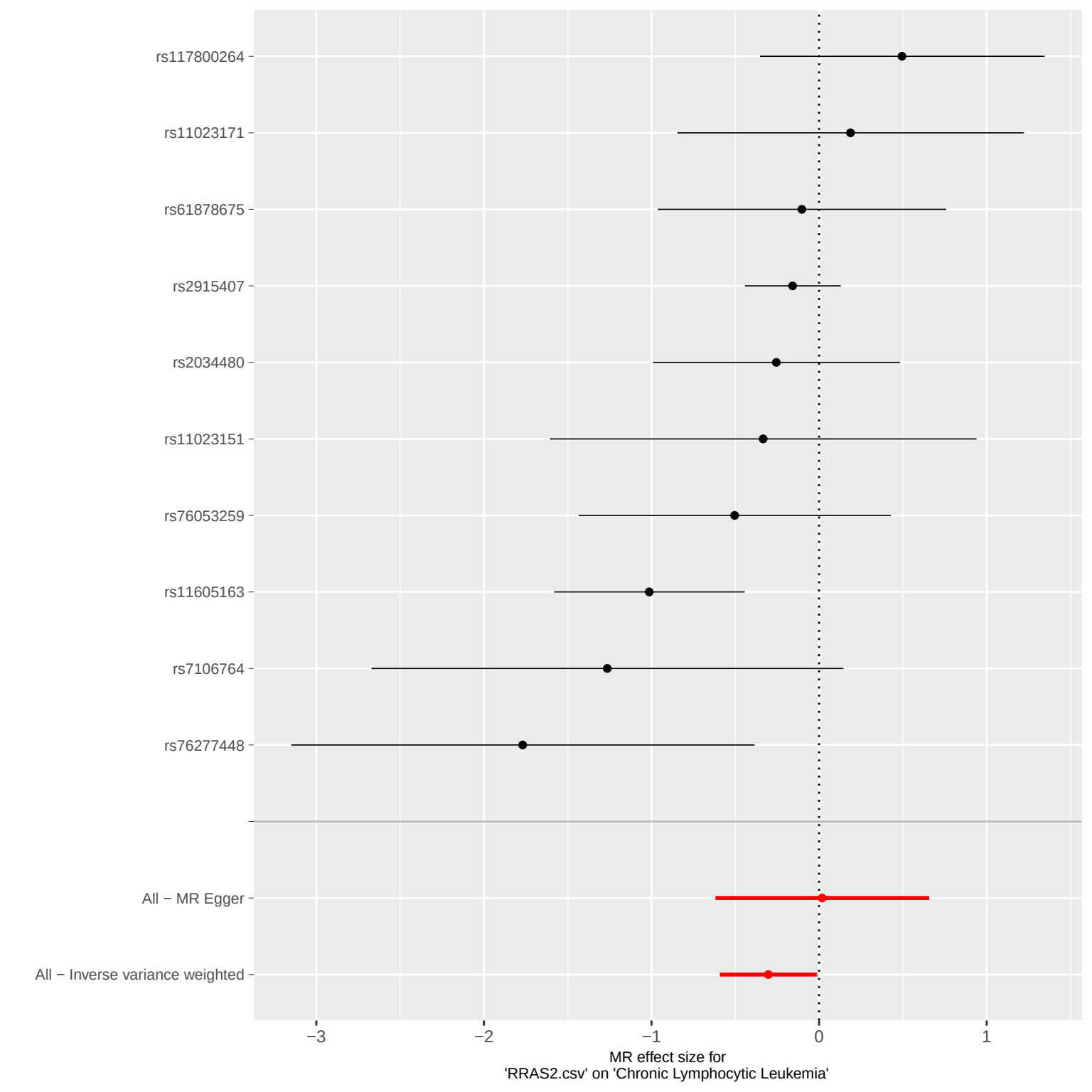
2
MR effect size for
'RPUSD4.csv' on 'Chronic Lymphocytic Leukemia'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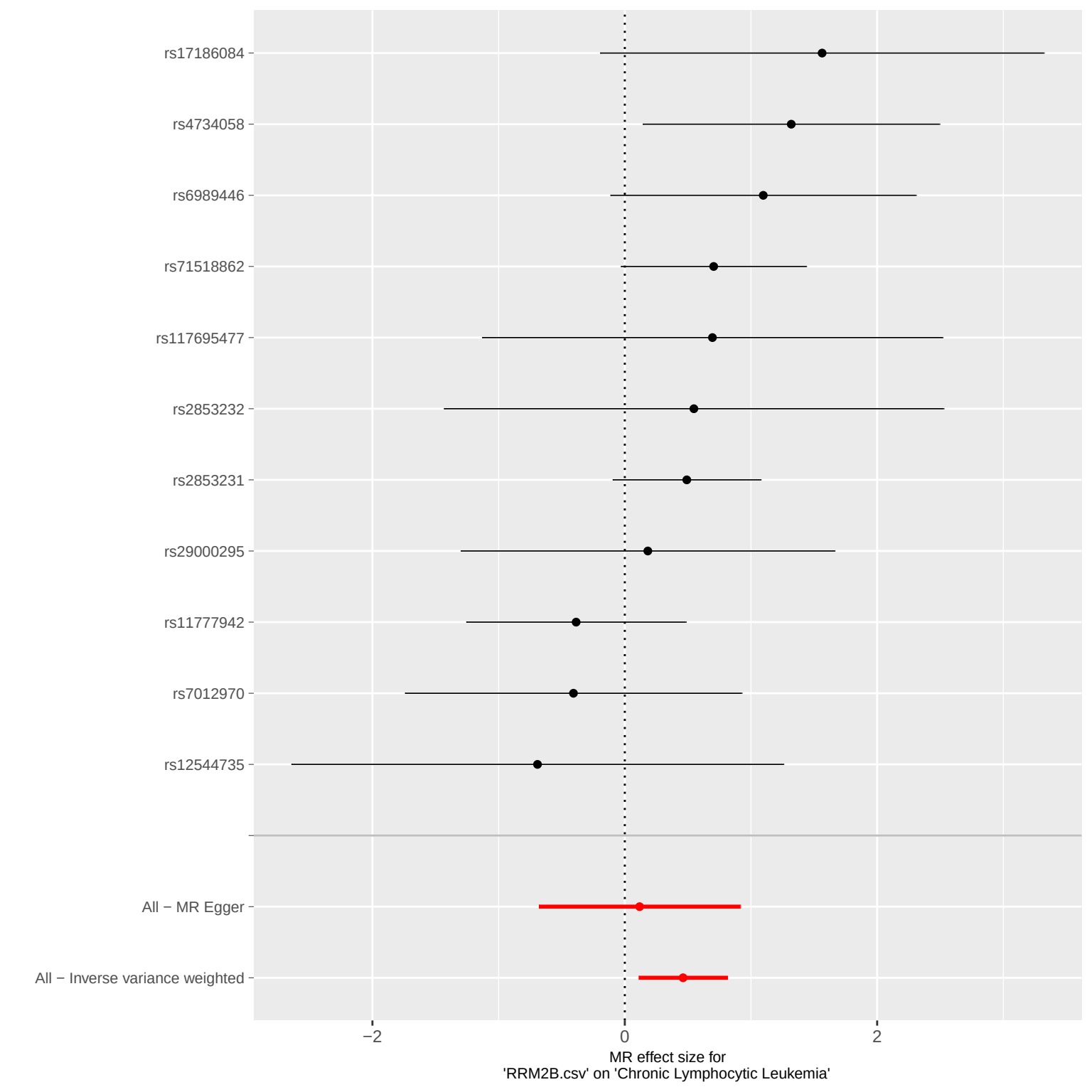
rs76277448
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'RRAS2.csv' on 'Chronic Lymphocytic Leukemia'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rs2853232
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rs29000295
rs11777942
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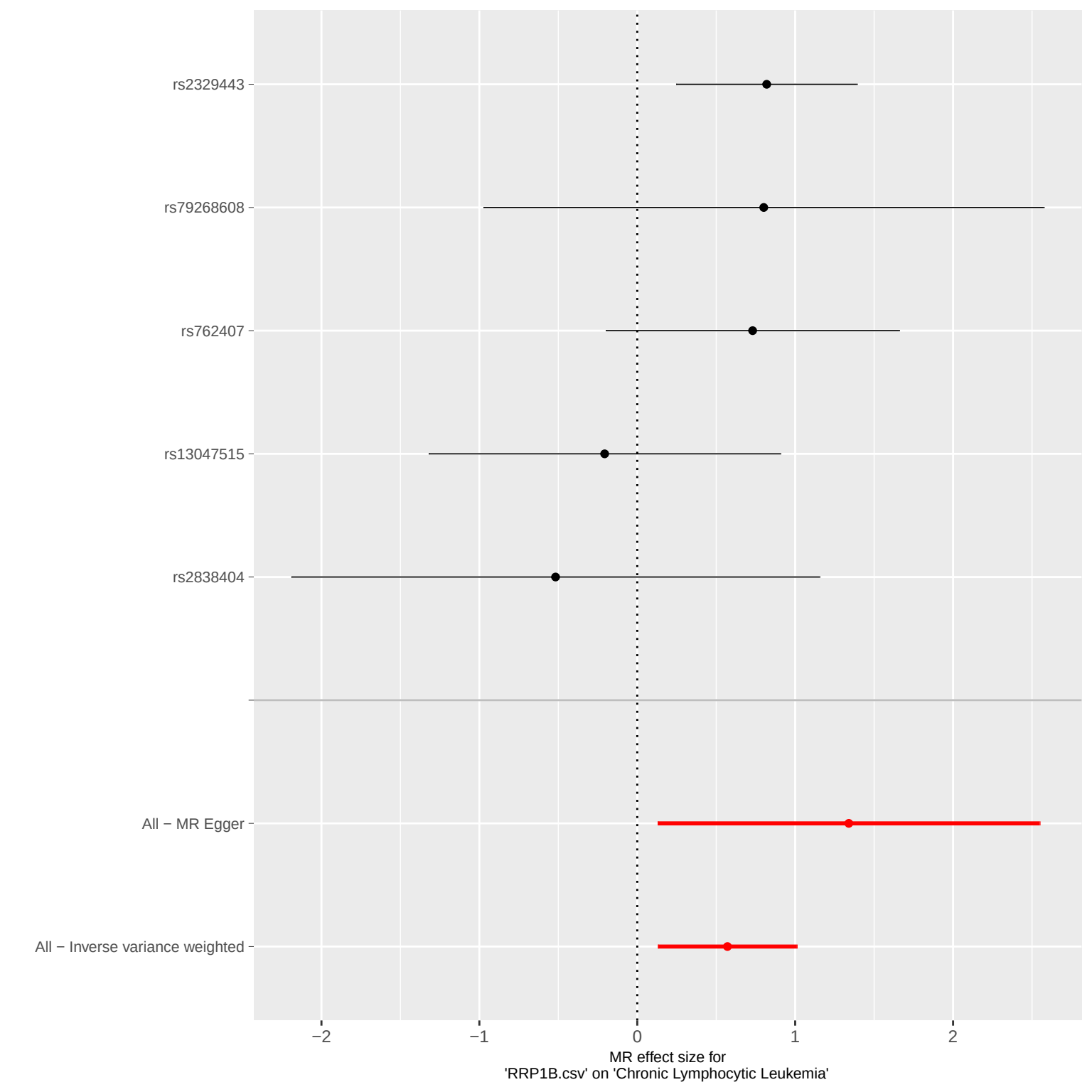
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'RRM2B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
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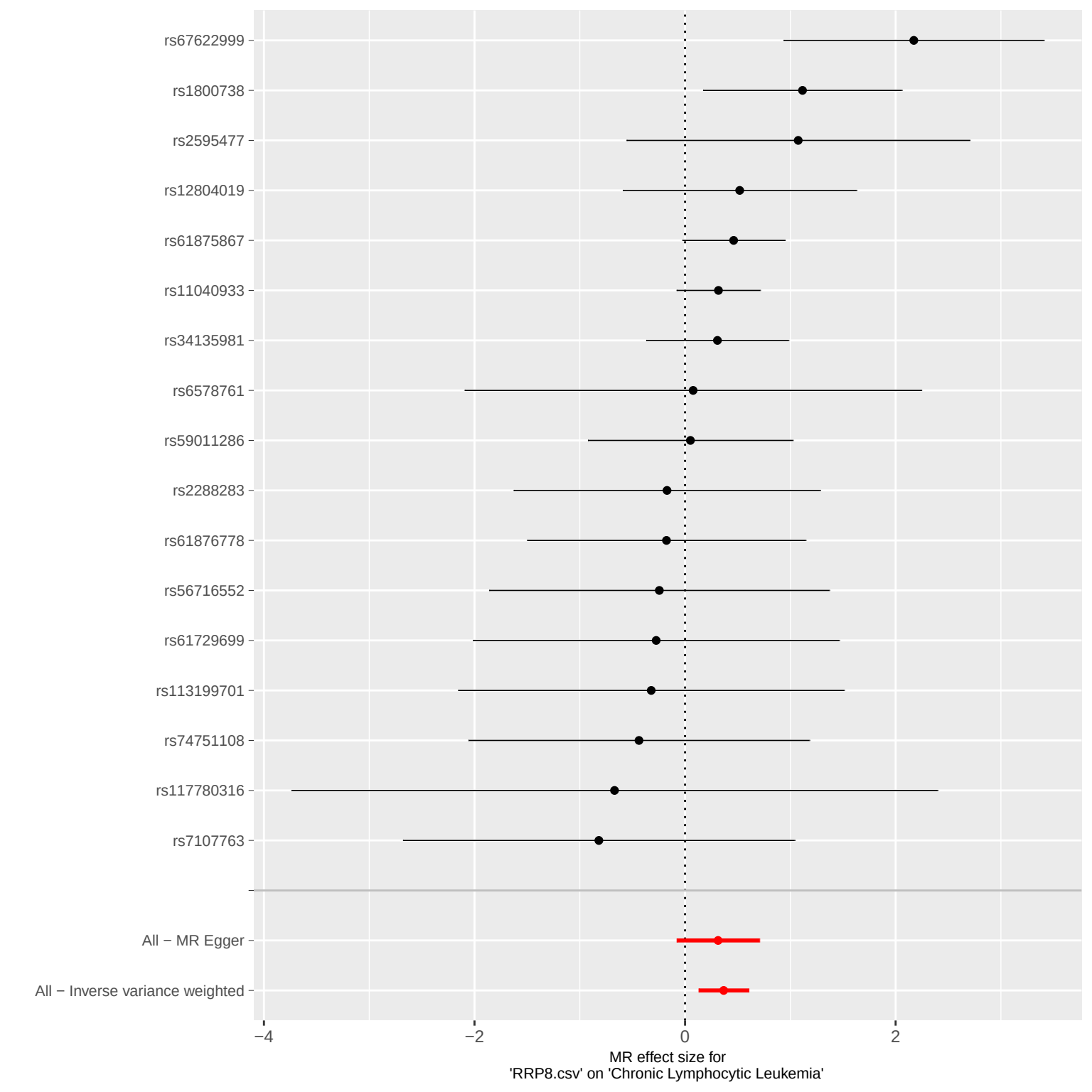
MR effect size for
'RRP1B.csv' on 'Chronic Lymphocytic Leukemia'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rs56716552
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rs113199701
rs74751108
rs117780316
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All − MR Egger
All − Inverse variance weighted
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−2
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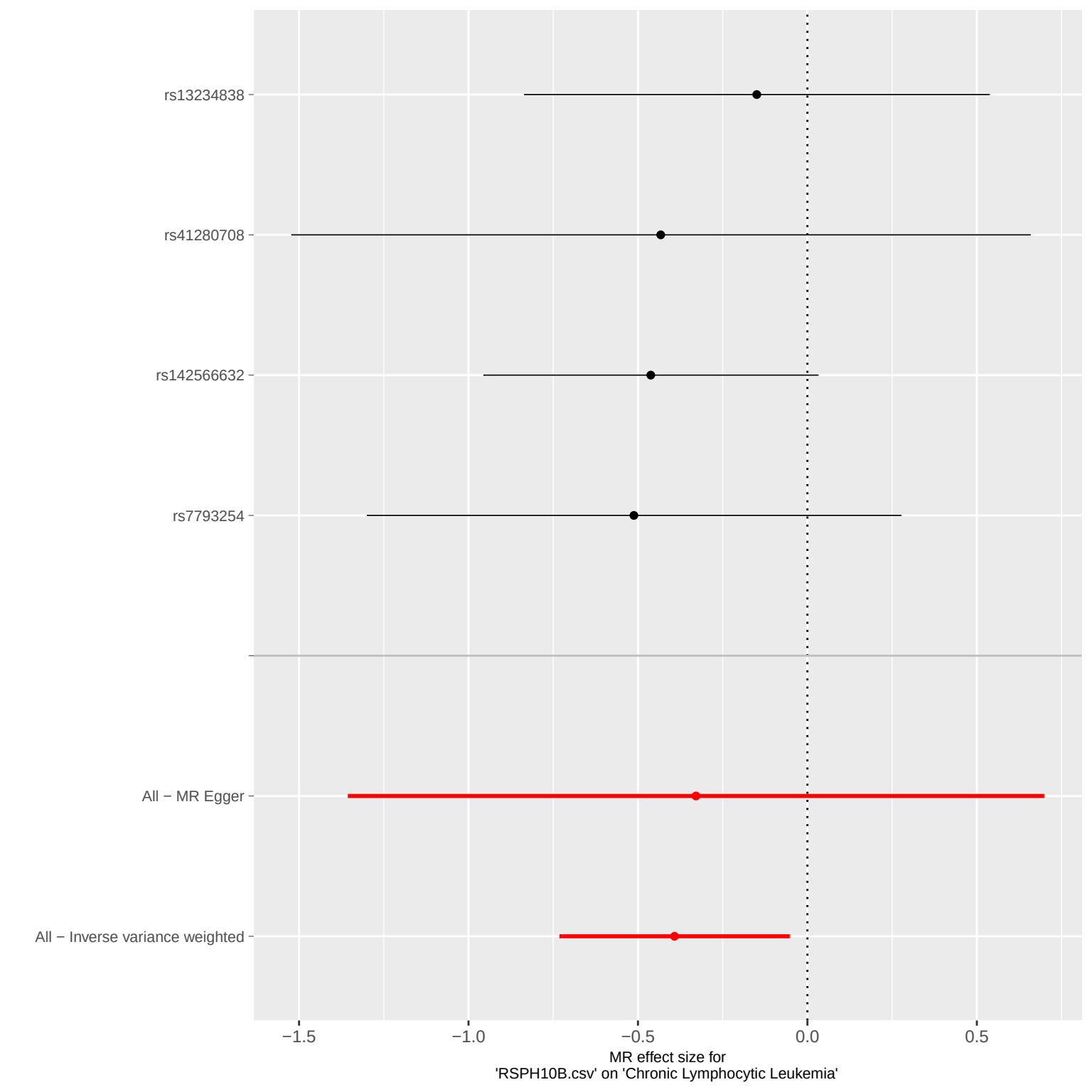
MR effect size for
'RRP8.csv' on 'Chronic Lymphocytic Leukemia'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rs7793254
All − MR Egger
All − Inverse variance weighted
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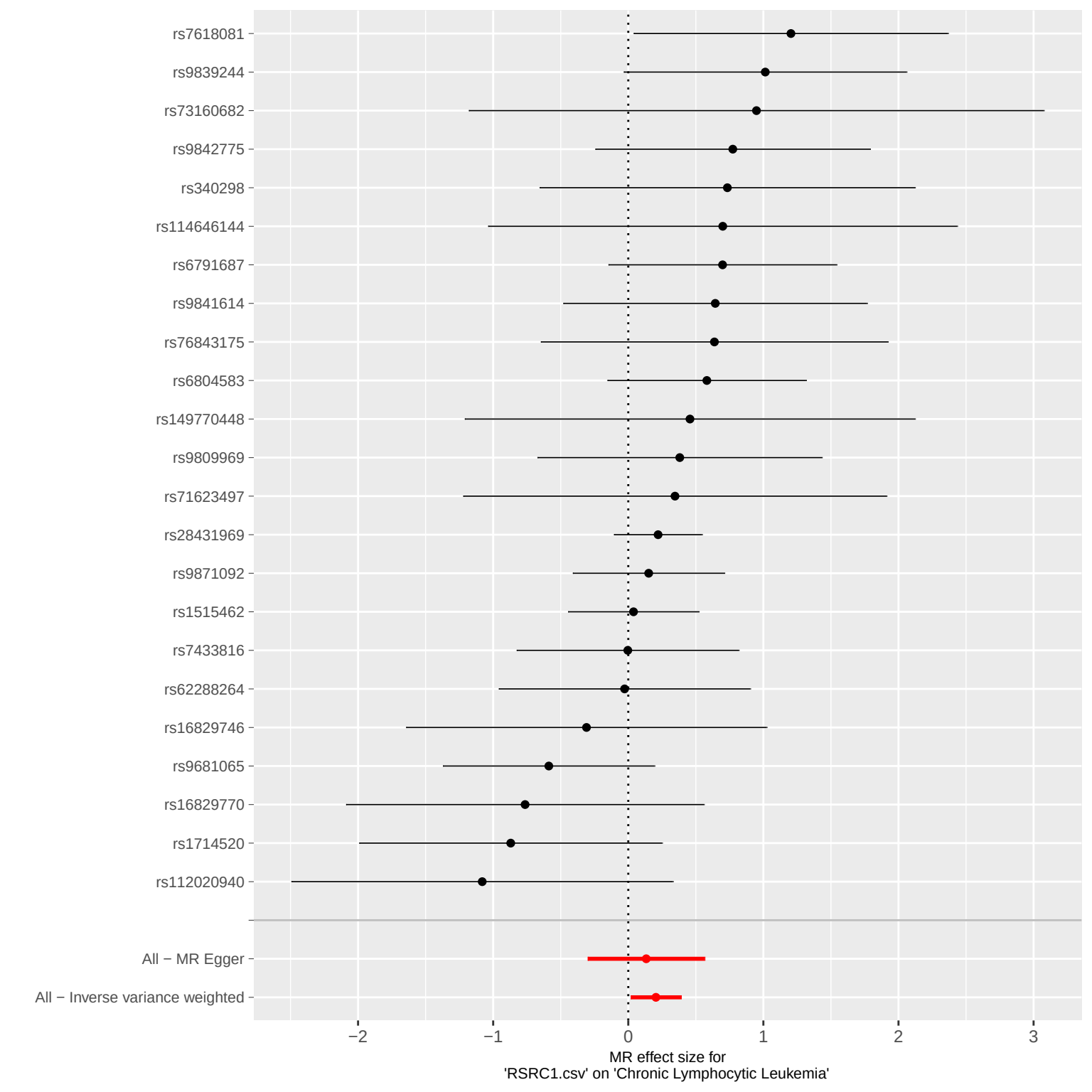
−0.5
0.0
0.5
MR effect size for
'RSPH10B.csv' on 'Chronic Lymphocytic Leukemia'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rs1515462
rs7433816
rs62288264
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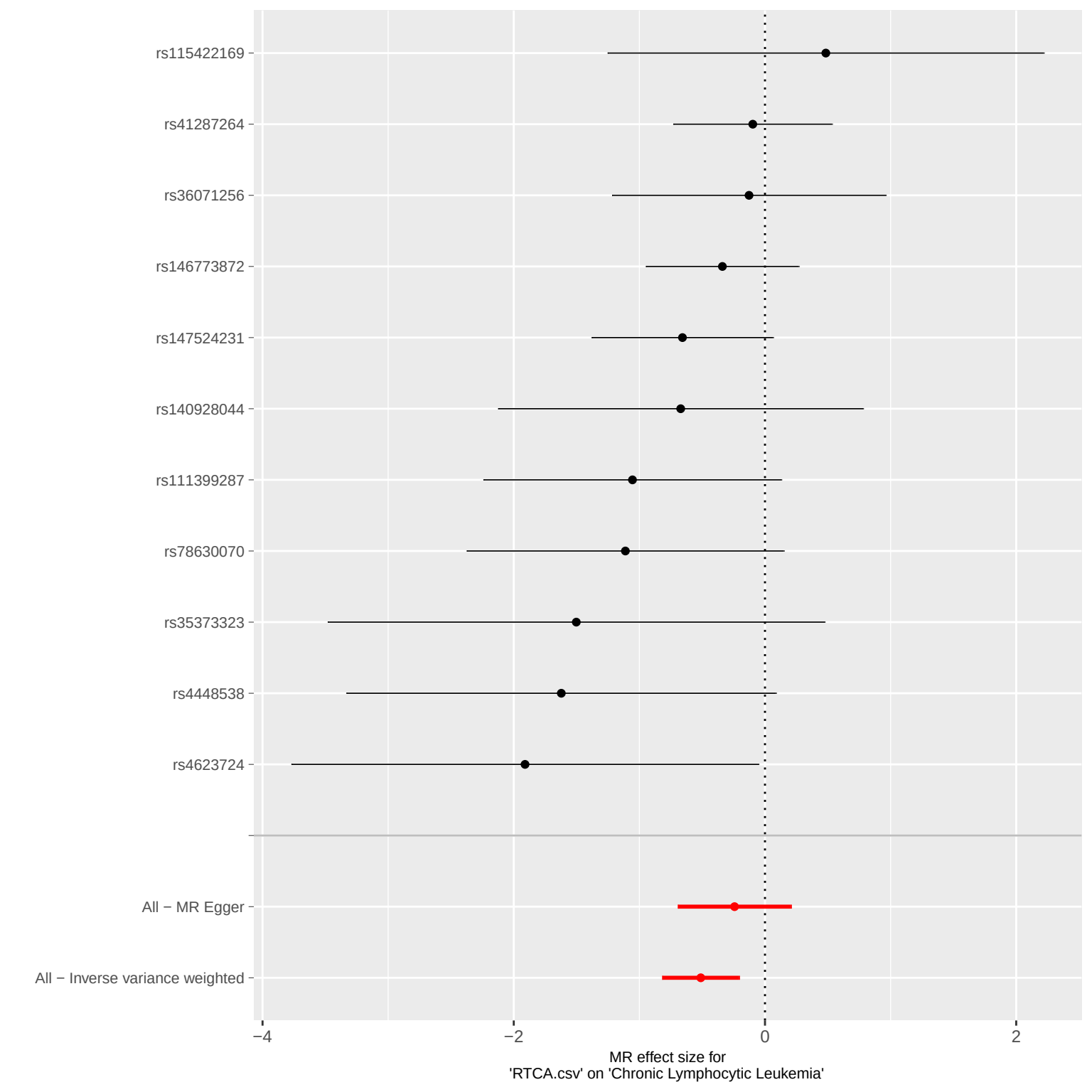
rs9681065
rs16829770
rs1714520
rs112020940
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'RSRC1.csv' on 'Chronic Lymphocytic Leukemia'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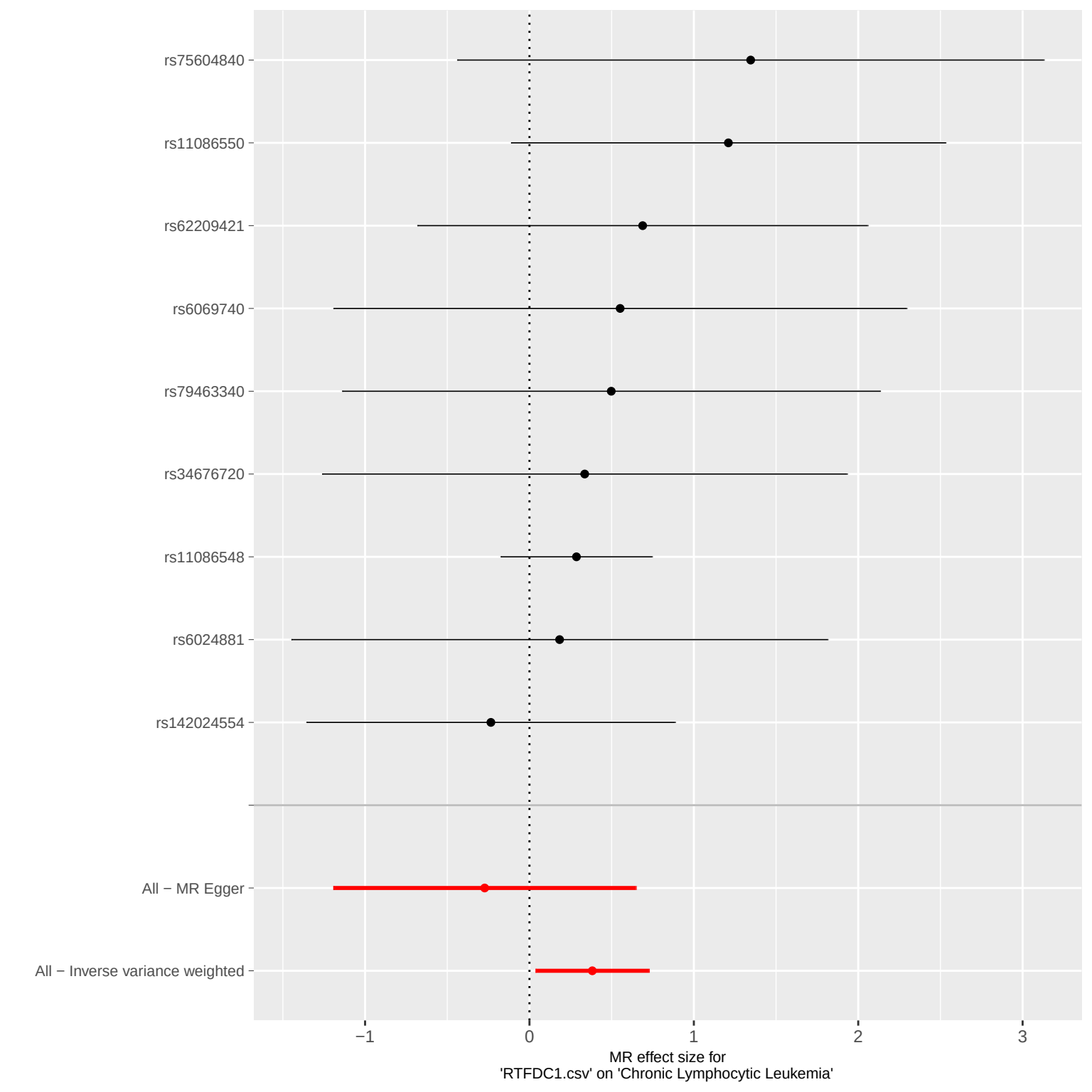
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'RTCA.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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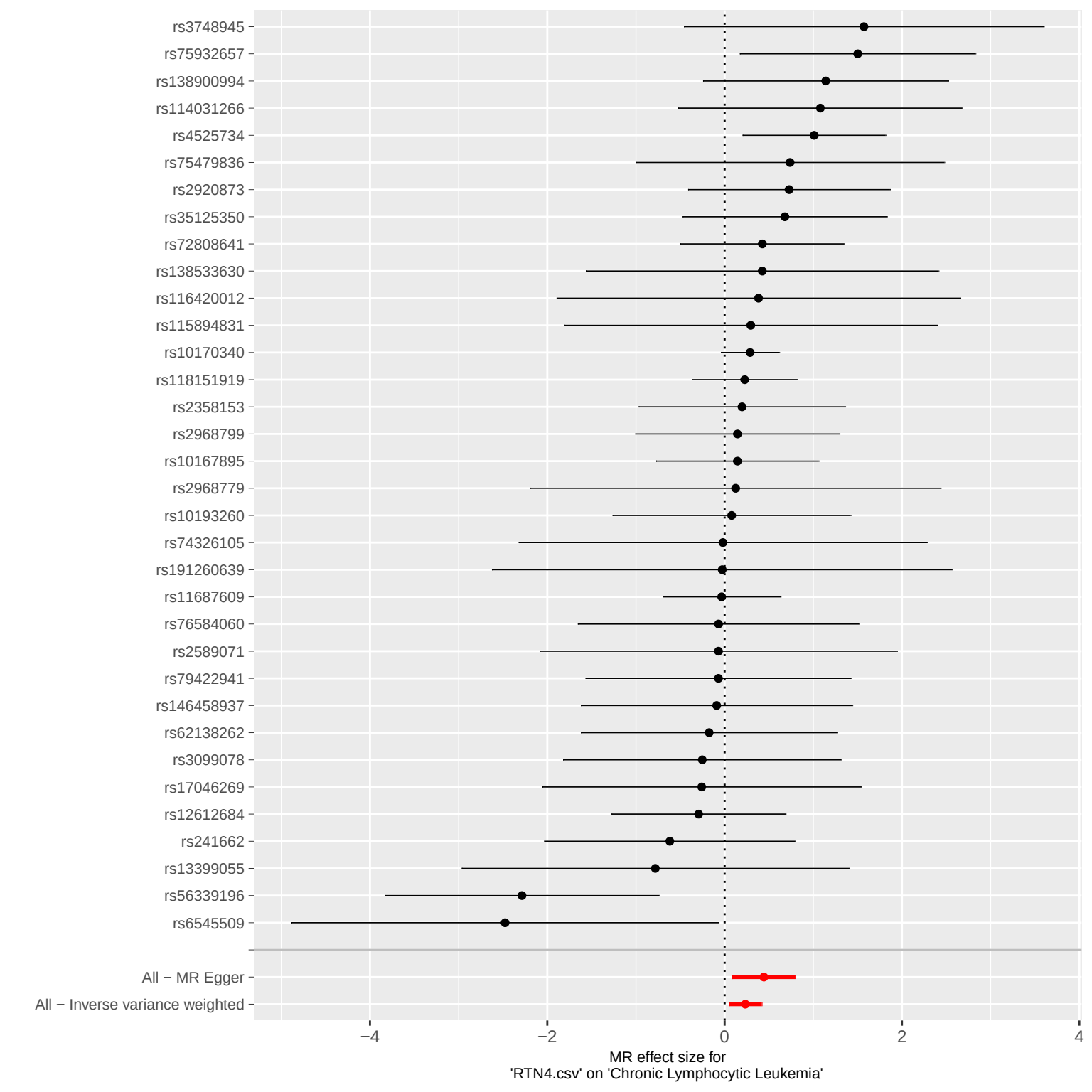
0
1
2
3
MR effect size for
'RTFDC1.csv' on 'Chronic Lymphocytic Leukemia'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rs17046269
rs12612684
rs241662
rs13399055
rs56339196
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All − MR Egger
All − Inverse variance weighted
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−2
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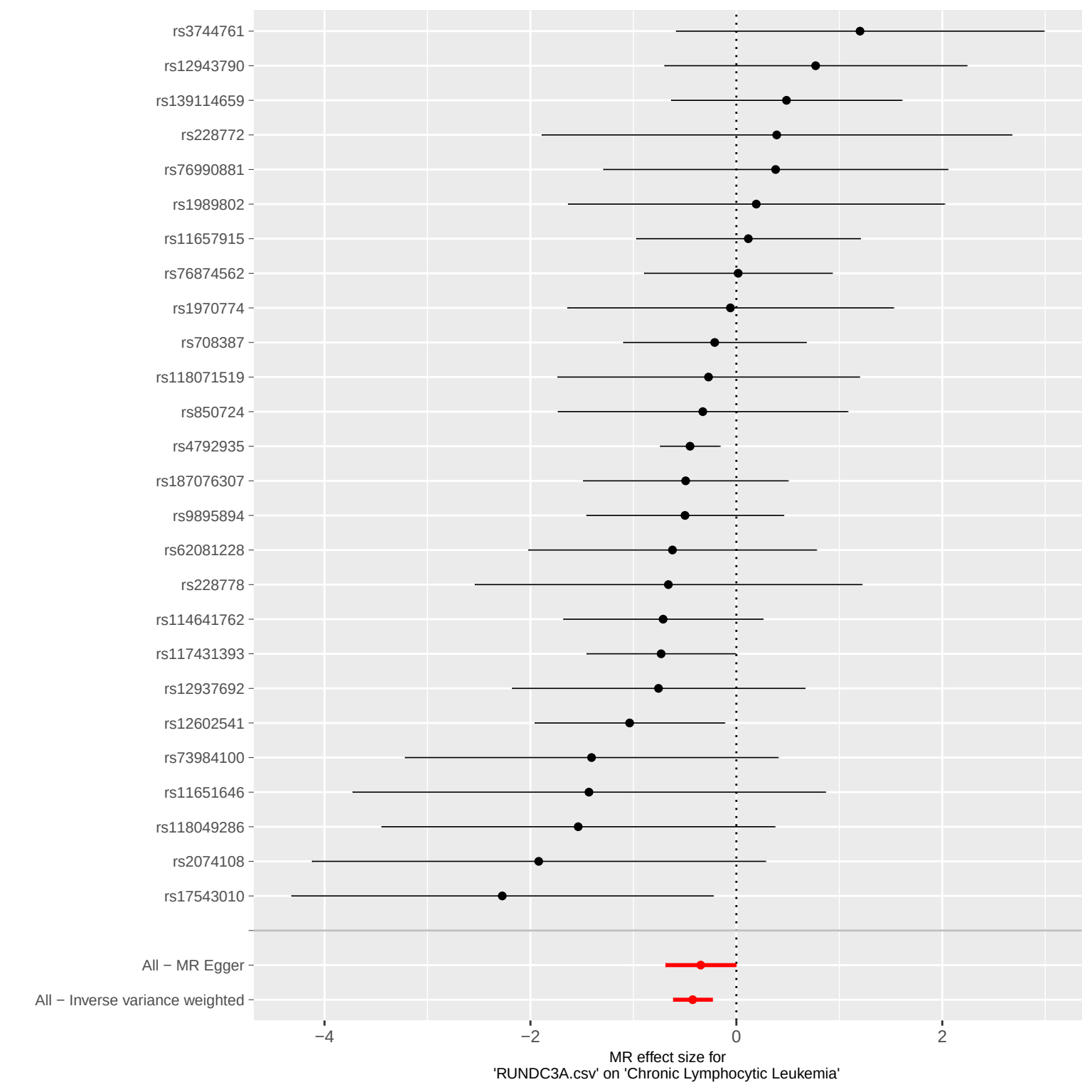
MR effect size for
'RTN4.csv' on 'Chronic Lymphocytic Leukemia'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rs2074108
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All − MR Egger
All − Inverse variance weighted
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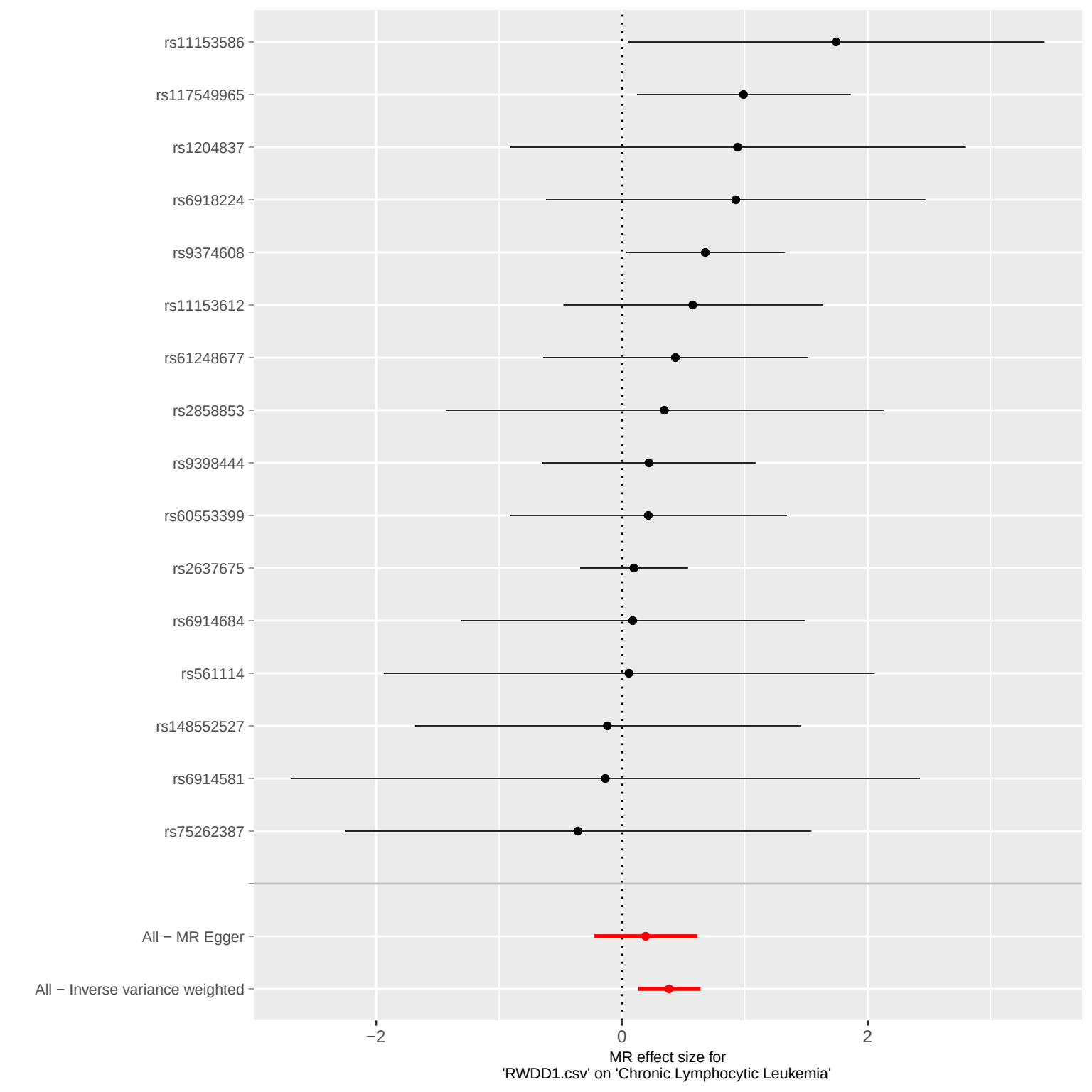
−2
0
2
MR effect size for
'RUNDC3A.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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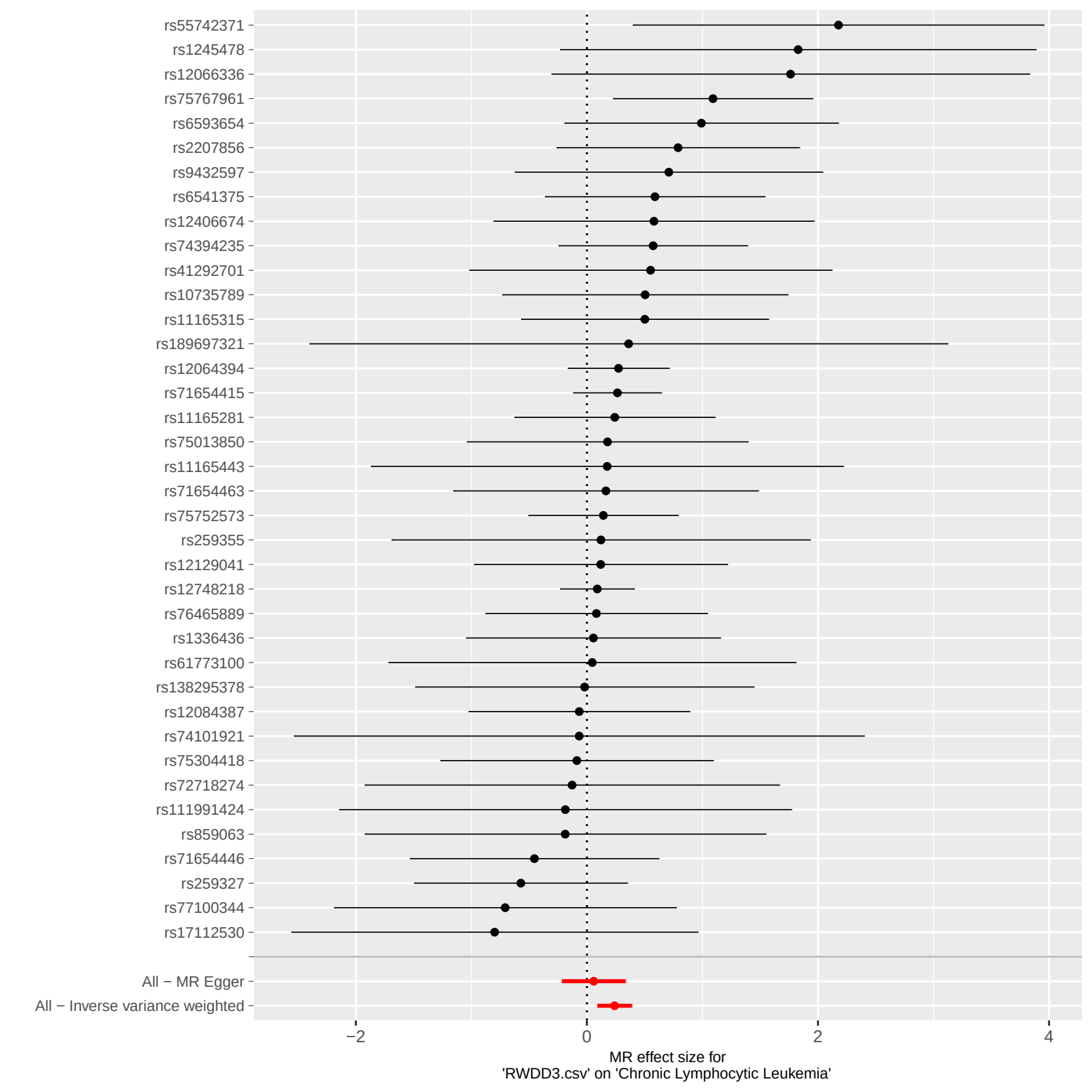
MR effect size for
'RWDD1.csv' on 'Chronic Lymphocytic Leukemia'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rs75304418
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All − MR Egger
All − Inverse variance weighted
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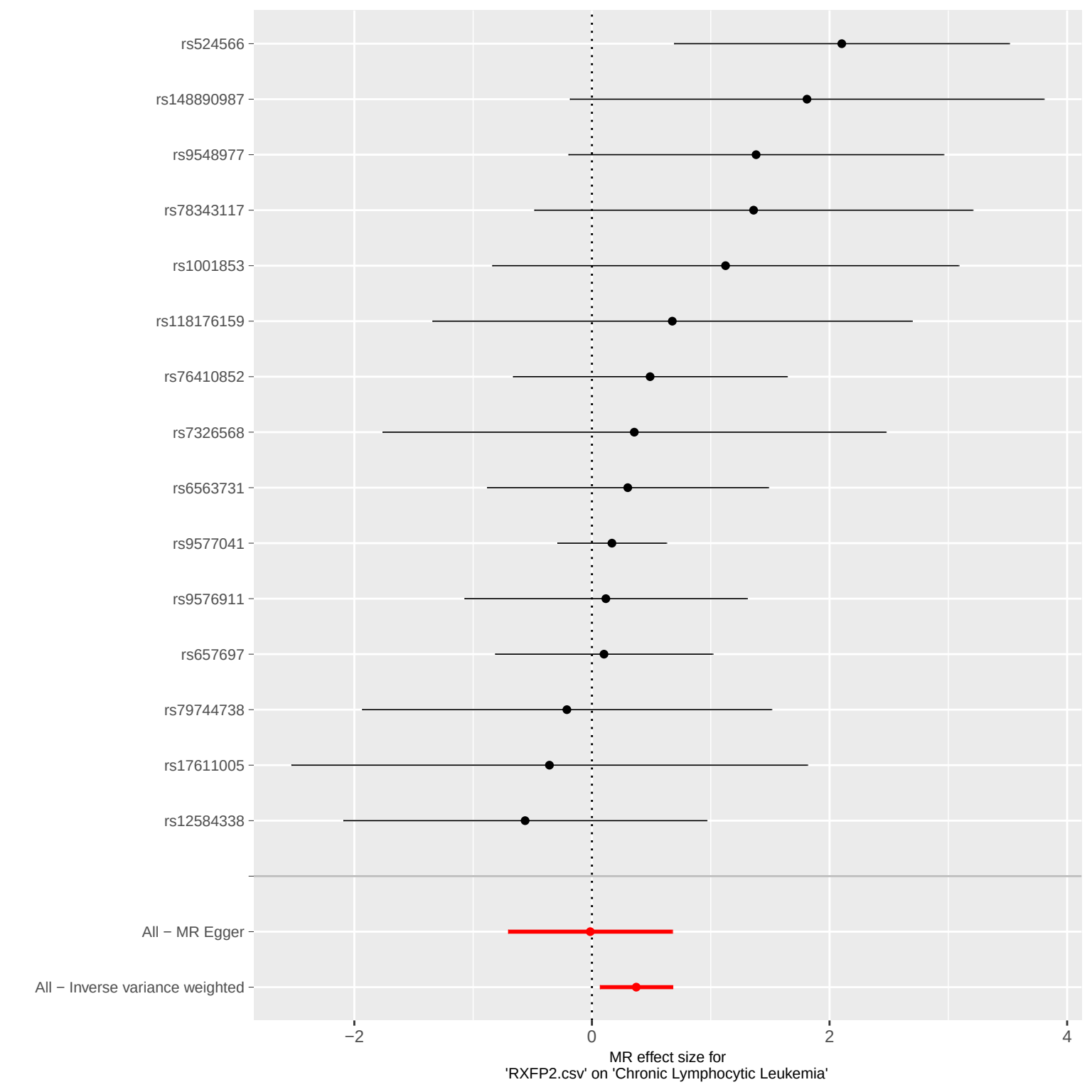
4
MR effect size for
'RWDD3.csv' on 'Chronic Lymphocytic Leukemia'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rs118176159
rs76410852
rs7326568
rs6563731
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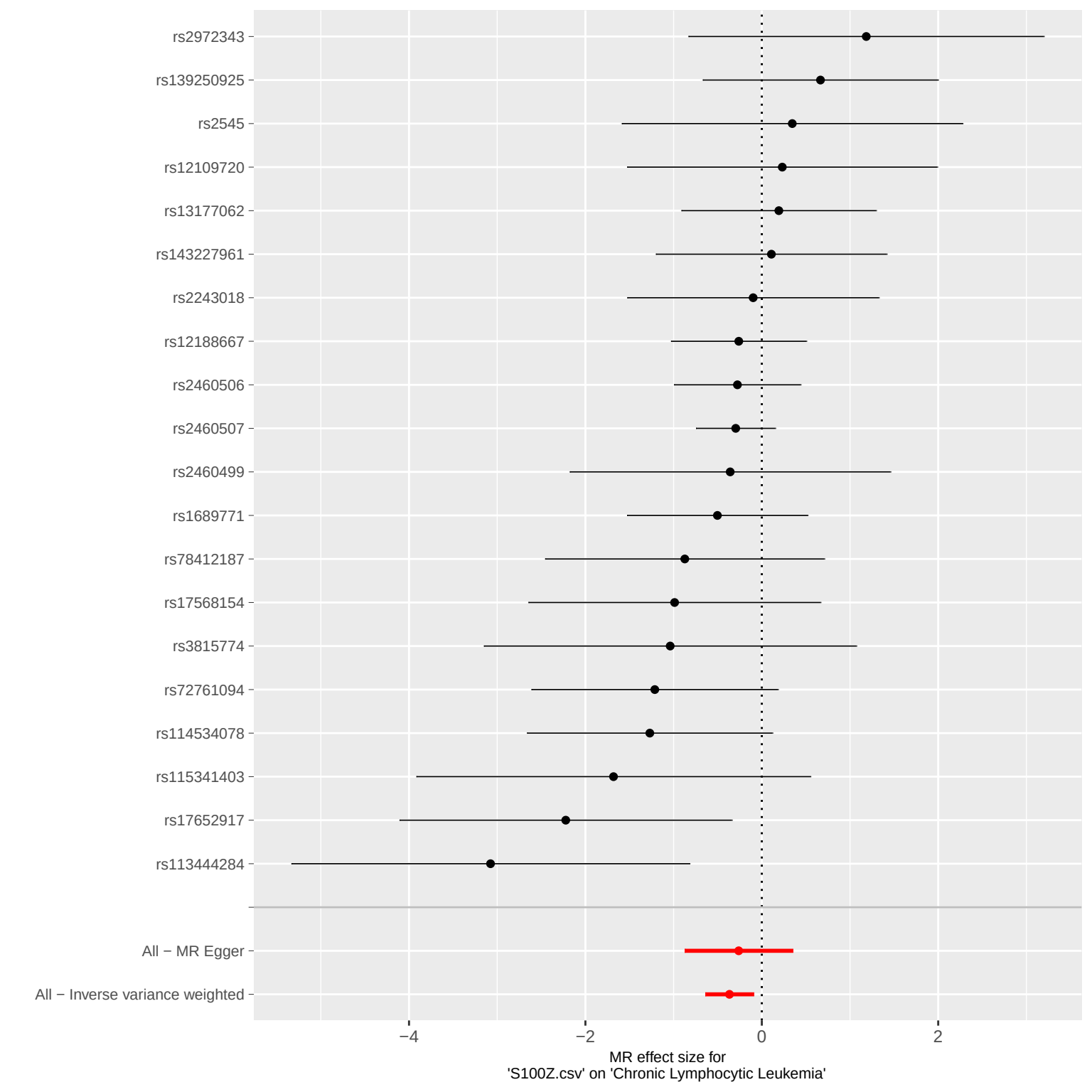
rs9576911
rs657697
rs79744738
rs17611005
rs12584338
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'RXFP2.csv' on 'Chronic Lymphocytic Leukemia'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rs17568154
rs3815774
rs72761094
rs114534078
rs115341403
rs17652917
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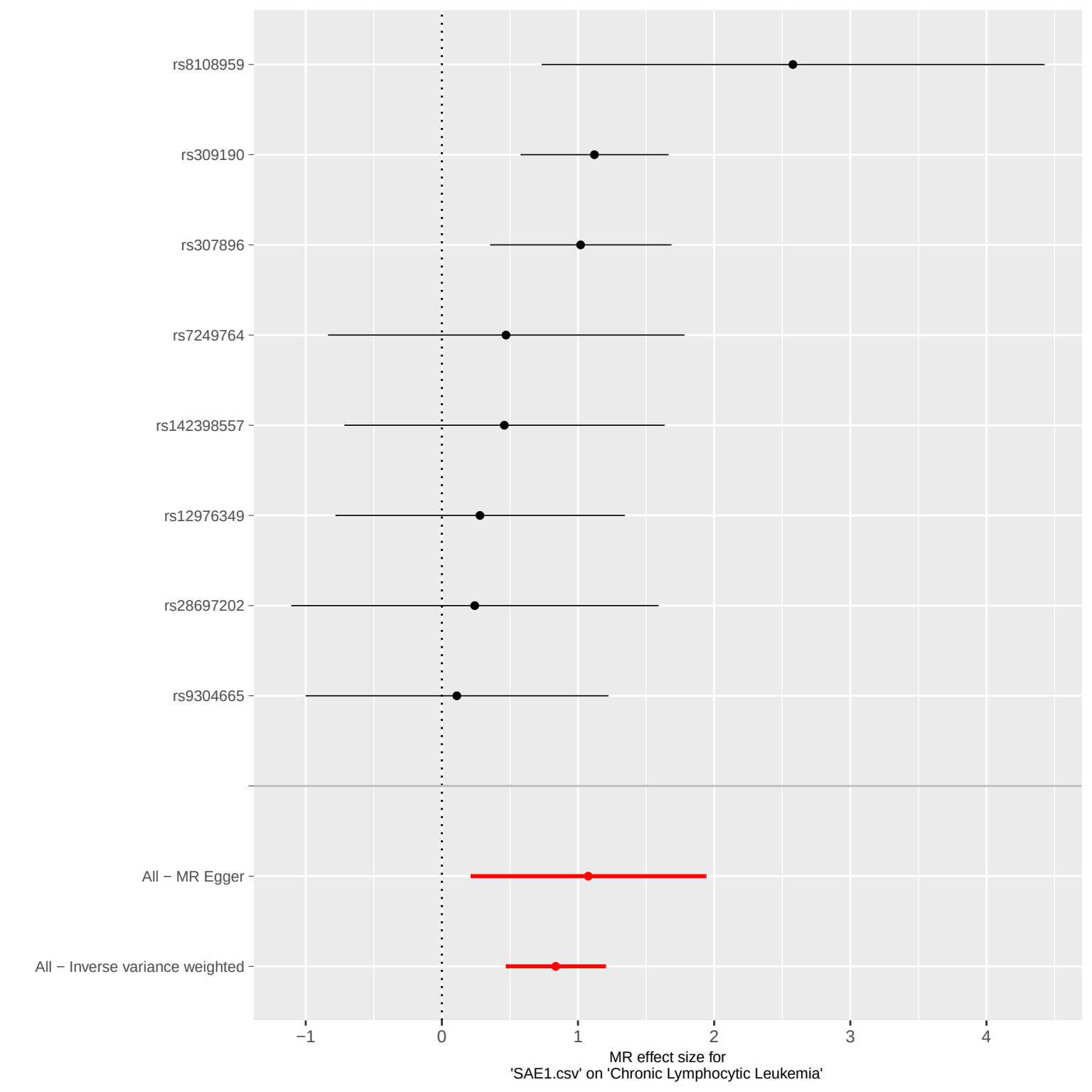
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'S100Z.csv' on 'Chronic Lymphocytic Leukemia'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rs12976349
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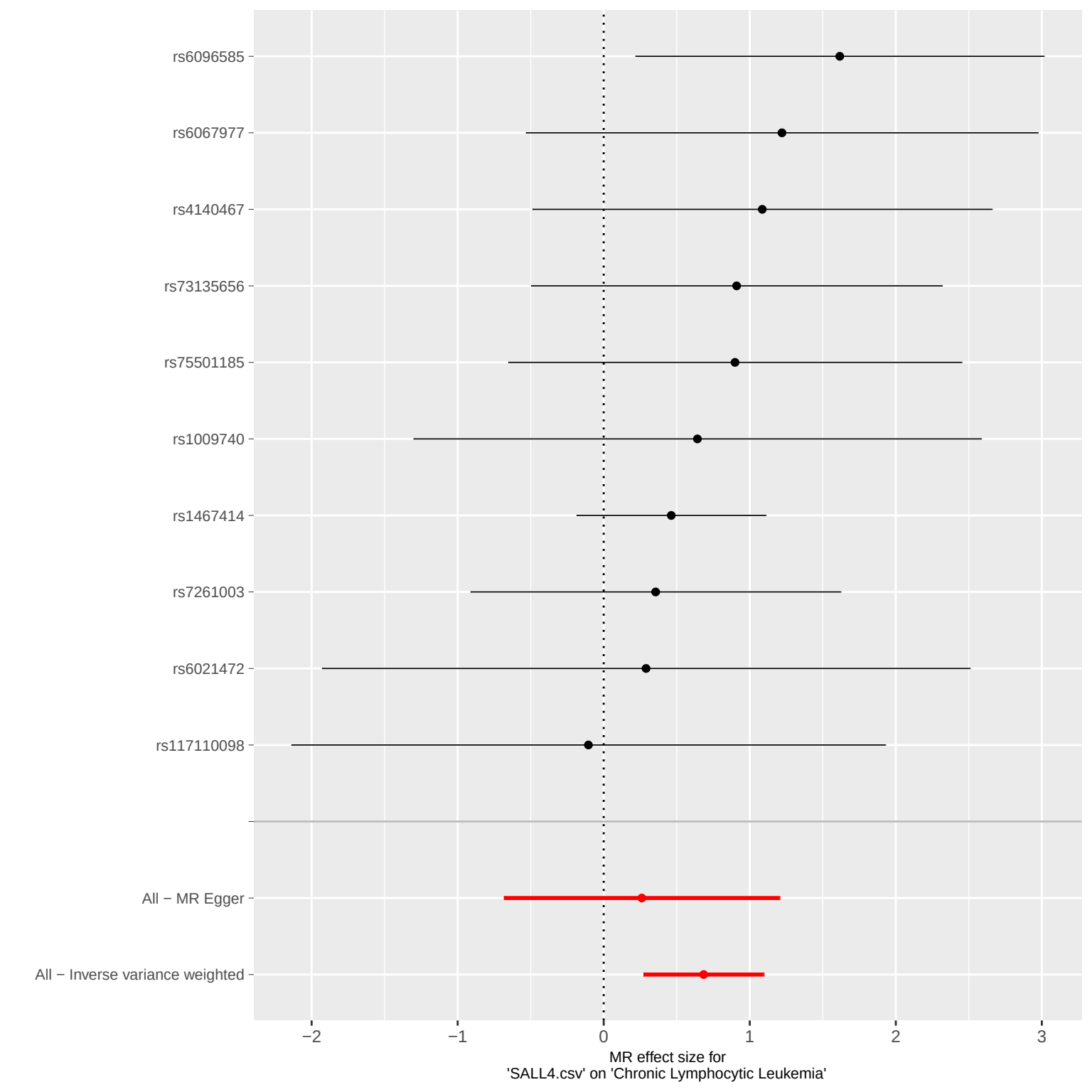
1
2
3
4
MR effect size for
'SAE1.csv' on 'Chronic Lymphocytic Leukemia'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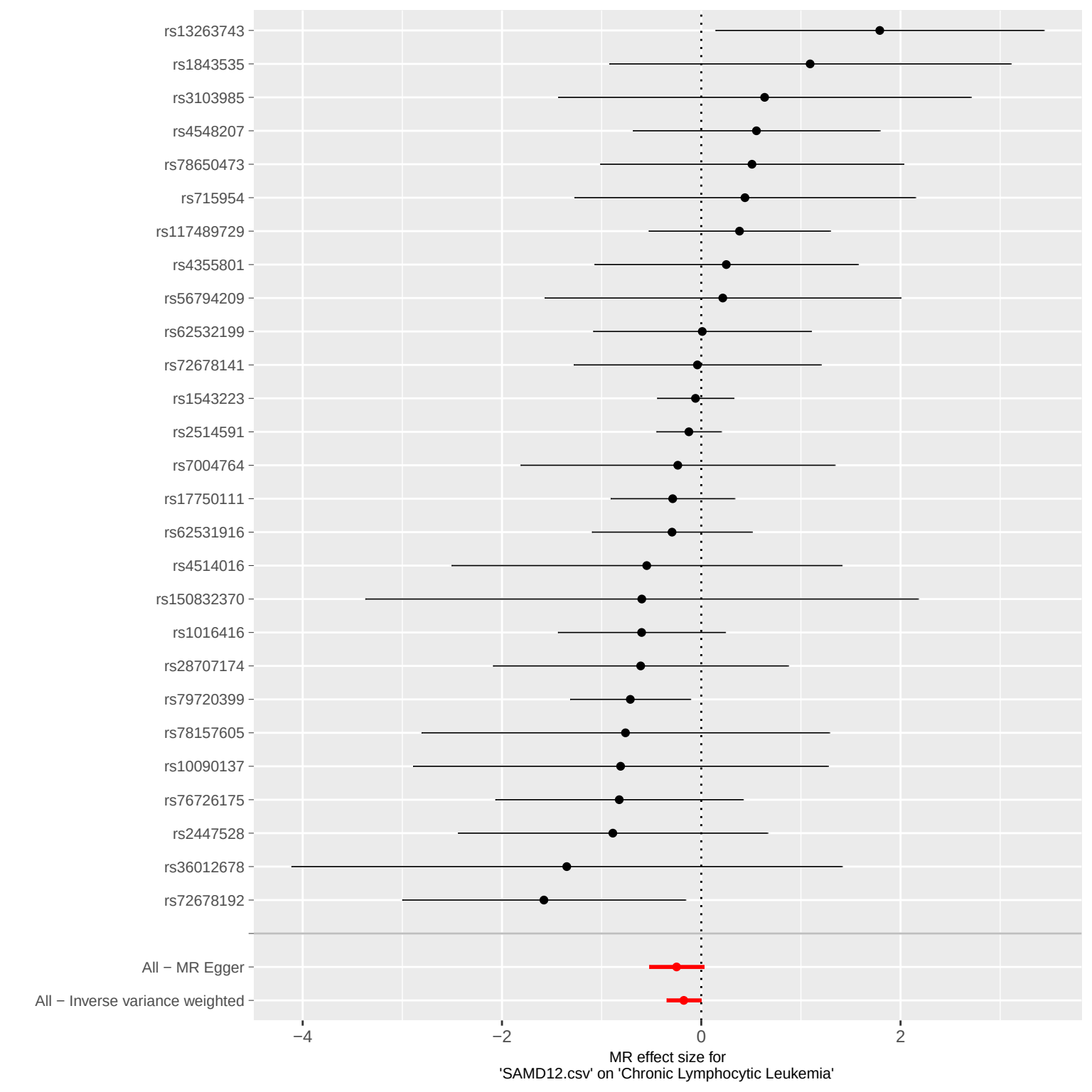
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'SALL4.csv' on 'Chronic Lymphocytic Leukemia'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rs715954
rs117489729
rs4355801
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rs62532199
rs72678141
rs1543223
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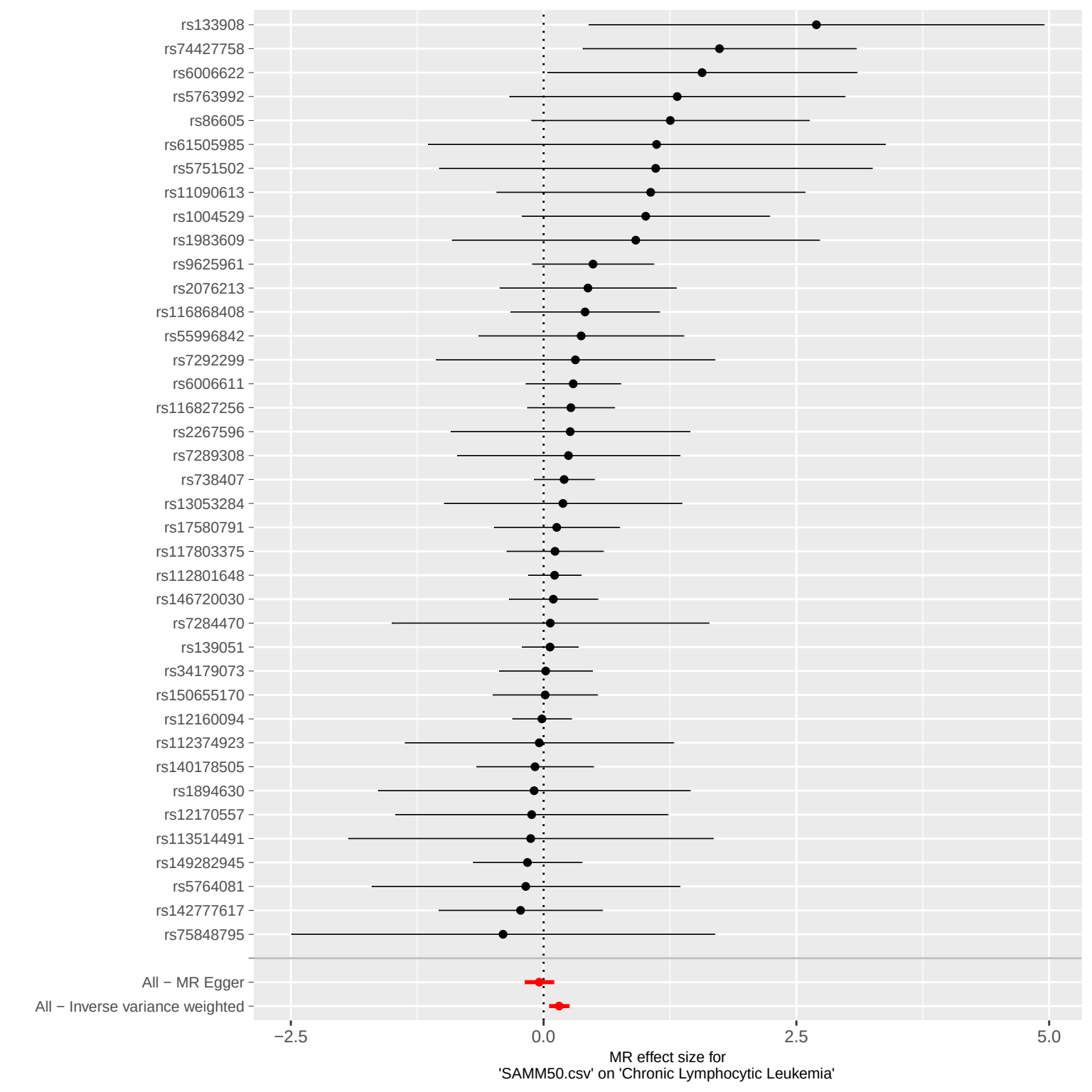
rs7004764
rs17750111
rs62531916
rs4514016
rs150832370
rs1016416
rs28707174
rs79720399
rs78157605
rs10090137
rs76726175
rs2447528
rs36012678
rs72678192
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SAMD12.csv' on 'Chronic Lymphocytic Leukemia'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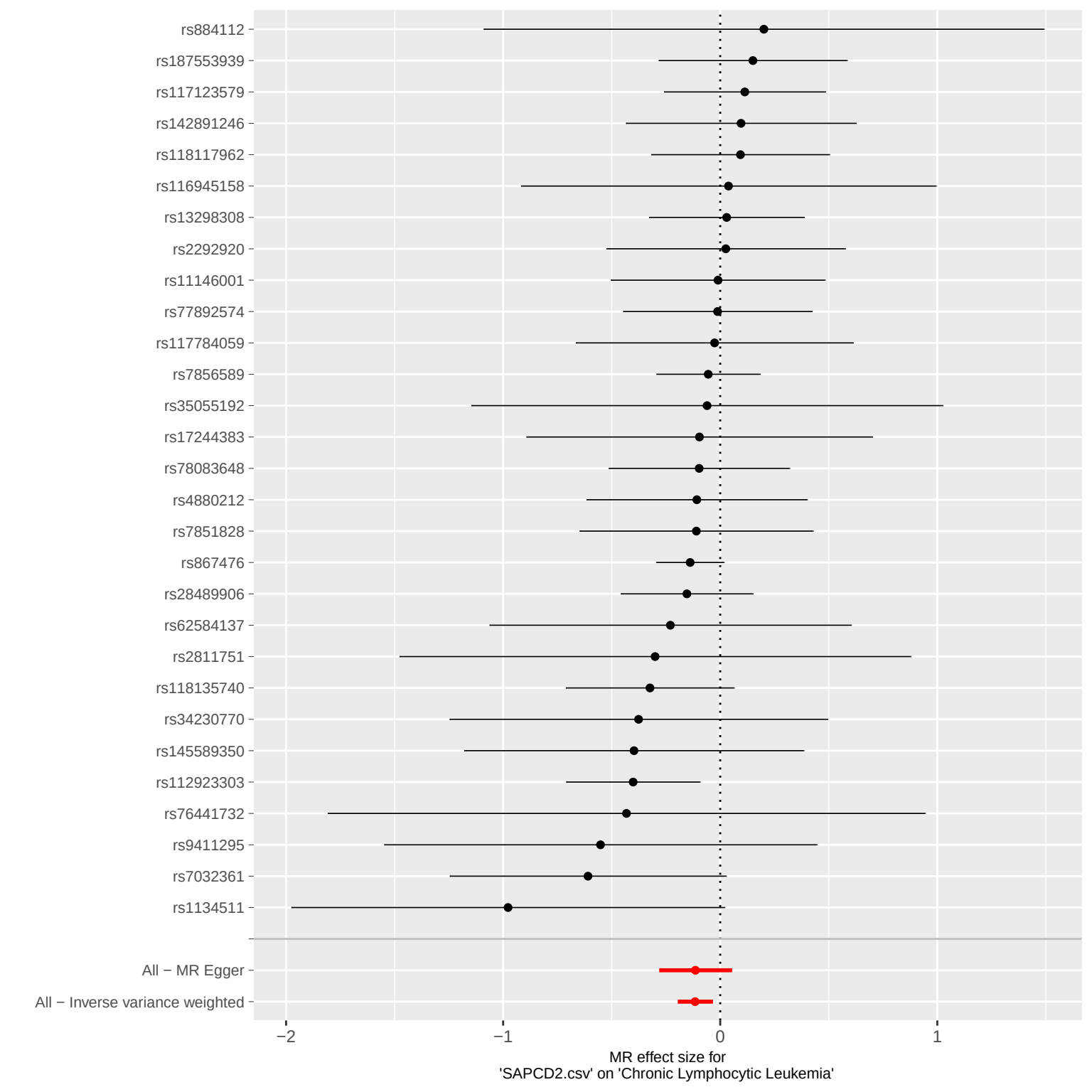
rs17580791
rs117803375
rs112801648
rs146720030
rs7284470
rs139051
rs34179073
rs150655170
rs12160094
rs112374923
rs140178505
rs1894630
rs12170557
rs113514491
rs149282945
rs5764081
rs142777617
rs75848795
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SAMM50.csv' on 'Chronic Lymphocytic Leukemia'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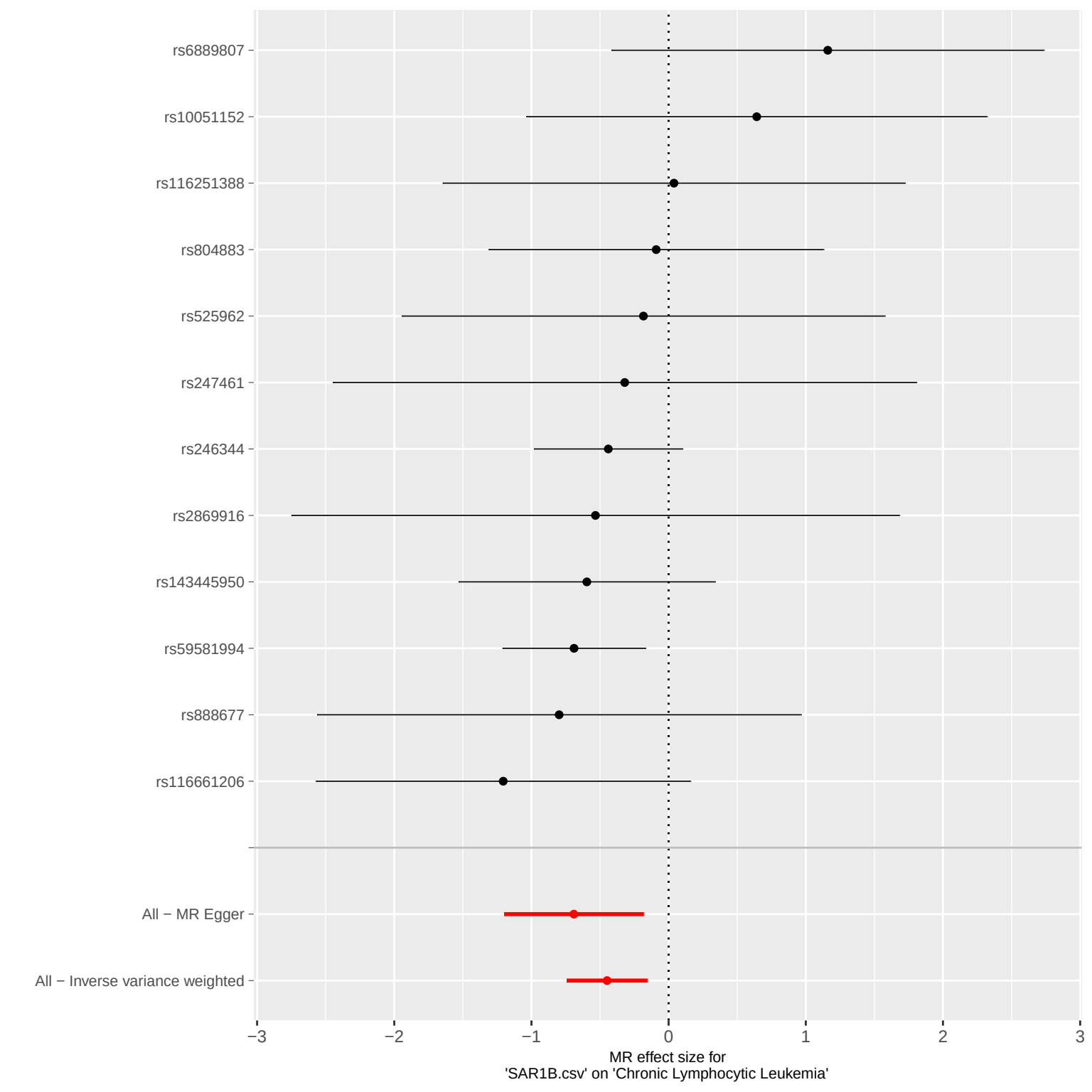
rs117784059
rs7856589
rs35055192
rs17244383
rs78083648
rs4880212
rs7851828
rs867476
rs28489906
rs62584137
rs2811751
rs118135740
rs34230770
rs145589350
rs112923303
rs76441732
rs9411295
rs7032361
rs1134511
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'SAPCD2.csv' on 'Chronic Lymphocytic Leukemia'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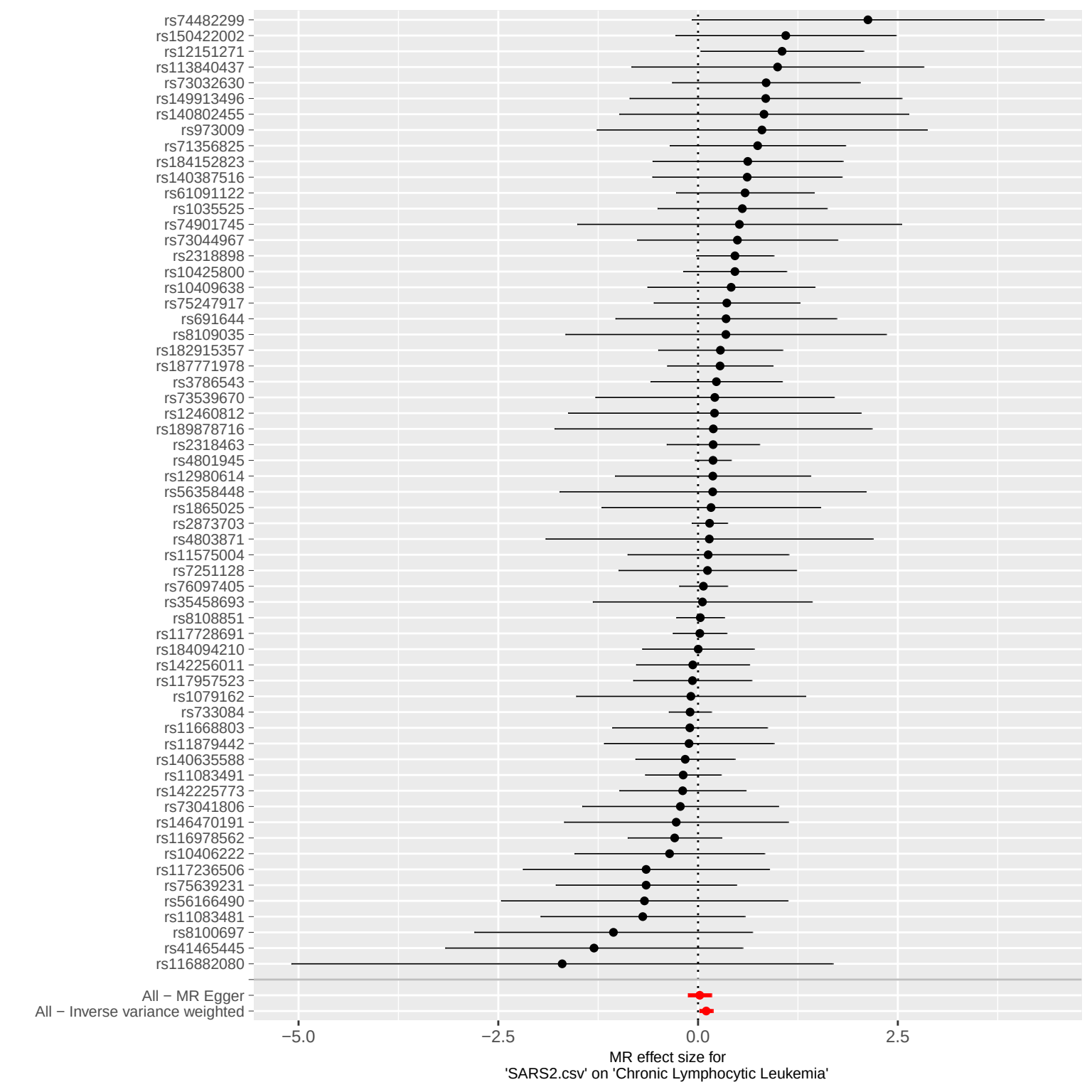
rs116251388
rs804883
rs525962
rs247461
rs246344
rs2869916
rs143445950
rs59581994
rs888677
rs116661206
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'SAR1B.csv' on 'Chronic Lymphocytic Leukemia'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rs61091122
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rs187771978
rs3786543
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rs189878716
rs2318463
rs4801945
rs12980614
rs56358448
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rs7251128
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rs117957523
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rs733084
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rs142225773
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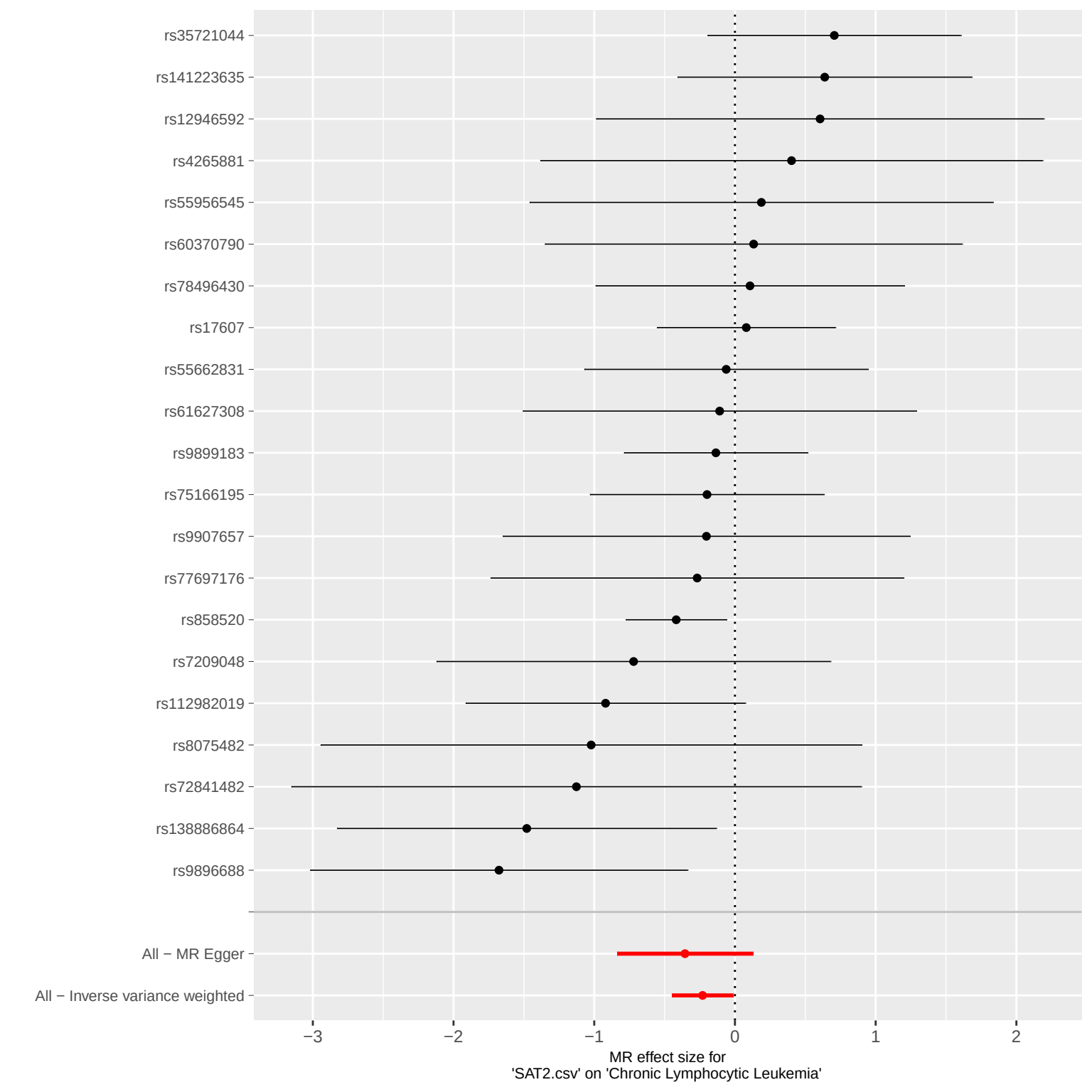
rs146470191
rs116978562
rs10406222
rs117236506
rs75639231
rs56166490
rs11083481
rs8100697
rs41465445
rs116882080
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SARS2.csv' on 'Chronic Lymphocytic Leukemia'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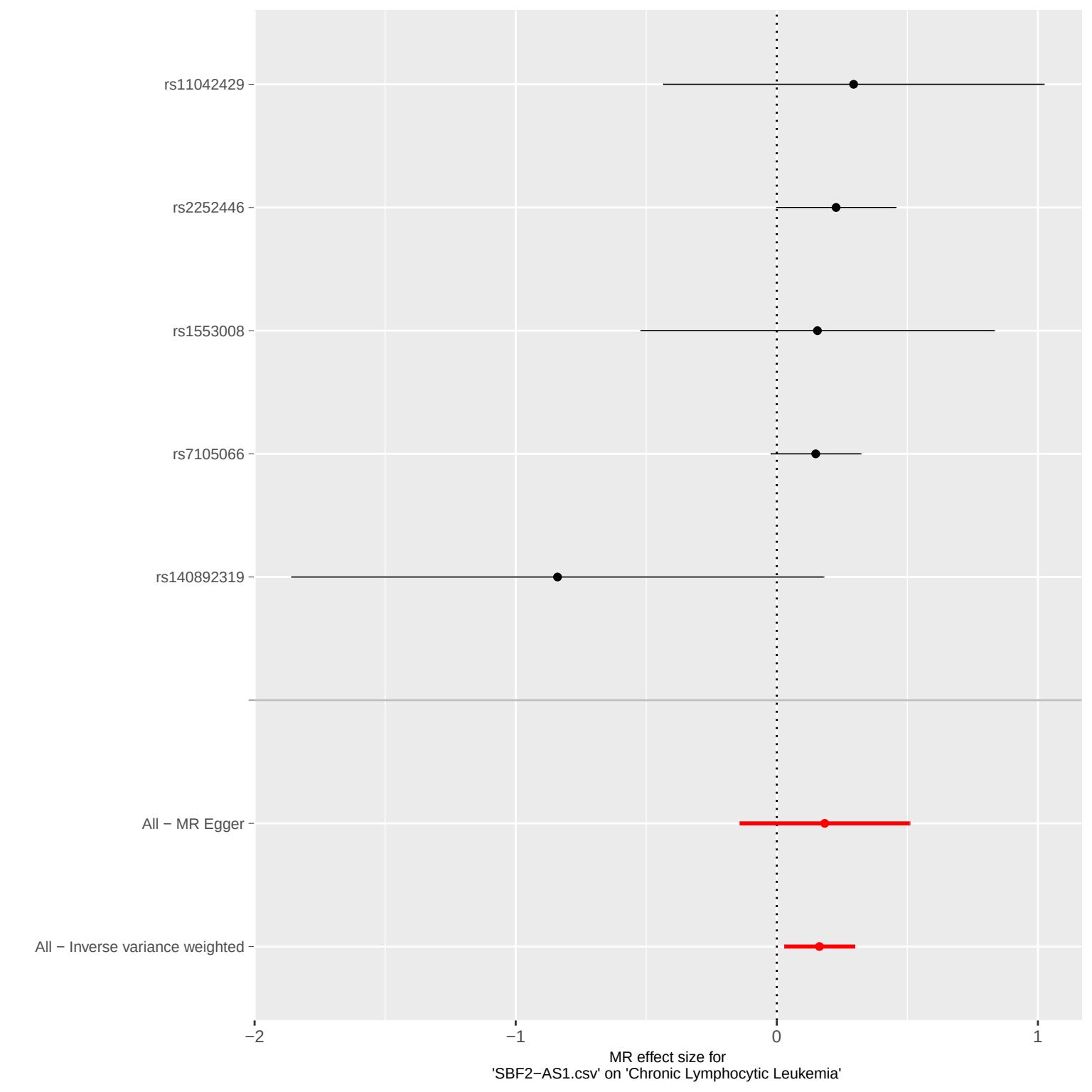
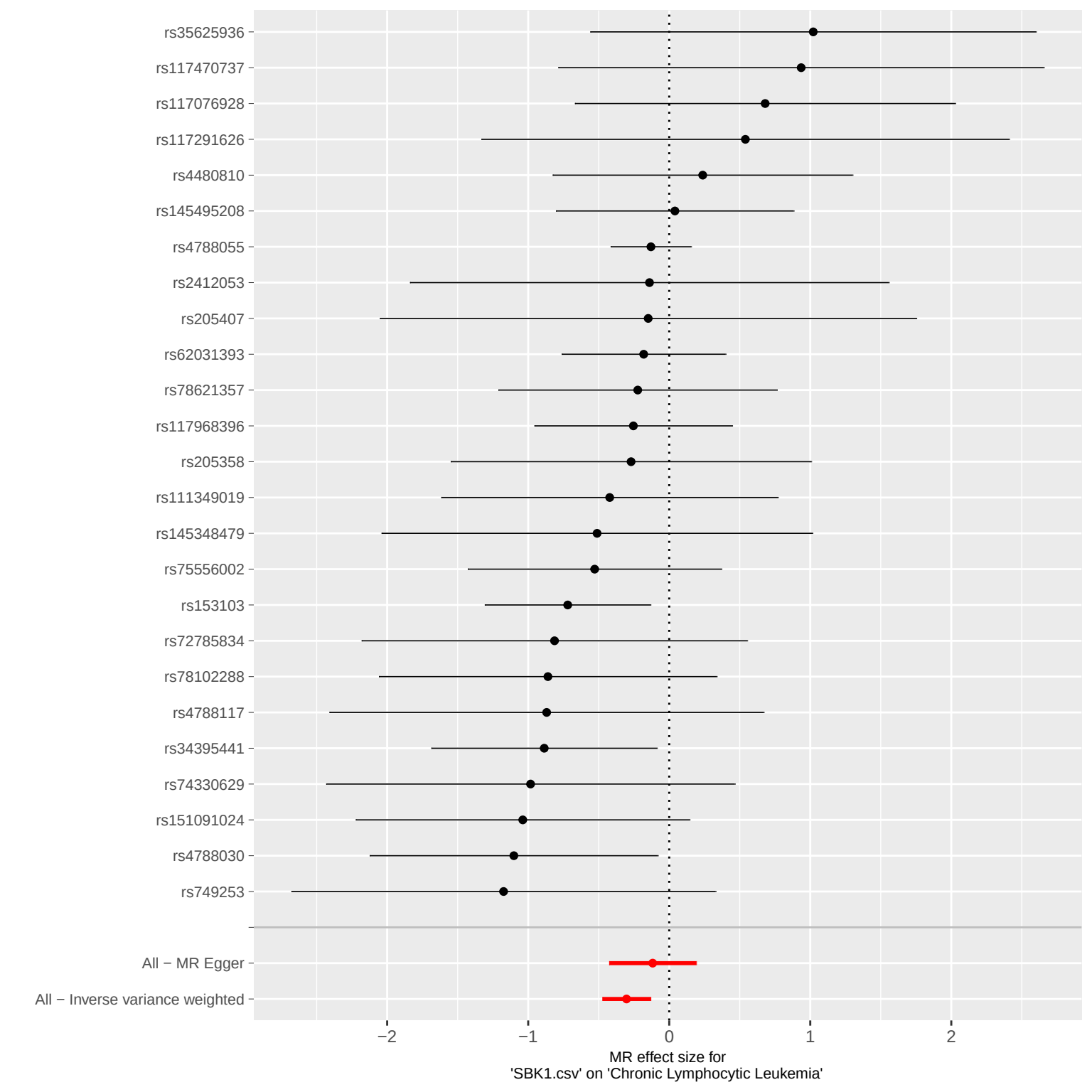
rs9899183
rs75166195
rs9907657
rs77697176
rs858520
rs7209048
rs112982019
rs8075482
rs72841482
rs138886864
rs9896688
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'SAT2.csv' on 'Chronic Lymphocytic Leukemia'


rs11042429
rs2252446
rs1553008
rs7105066
rs140892319
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'SBF2−AS1.csv' on 'Chronic Lymphocytic Leukemia'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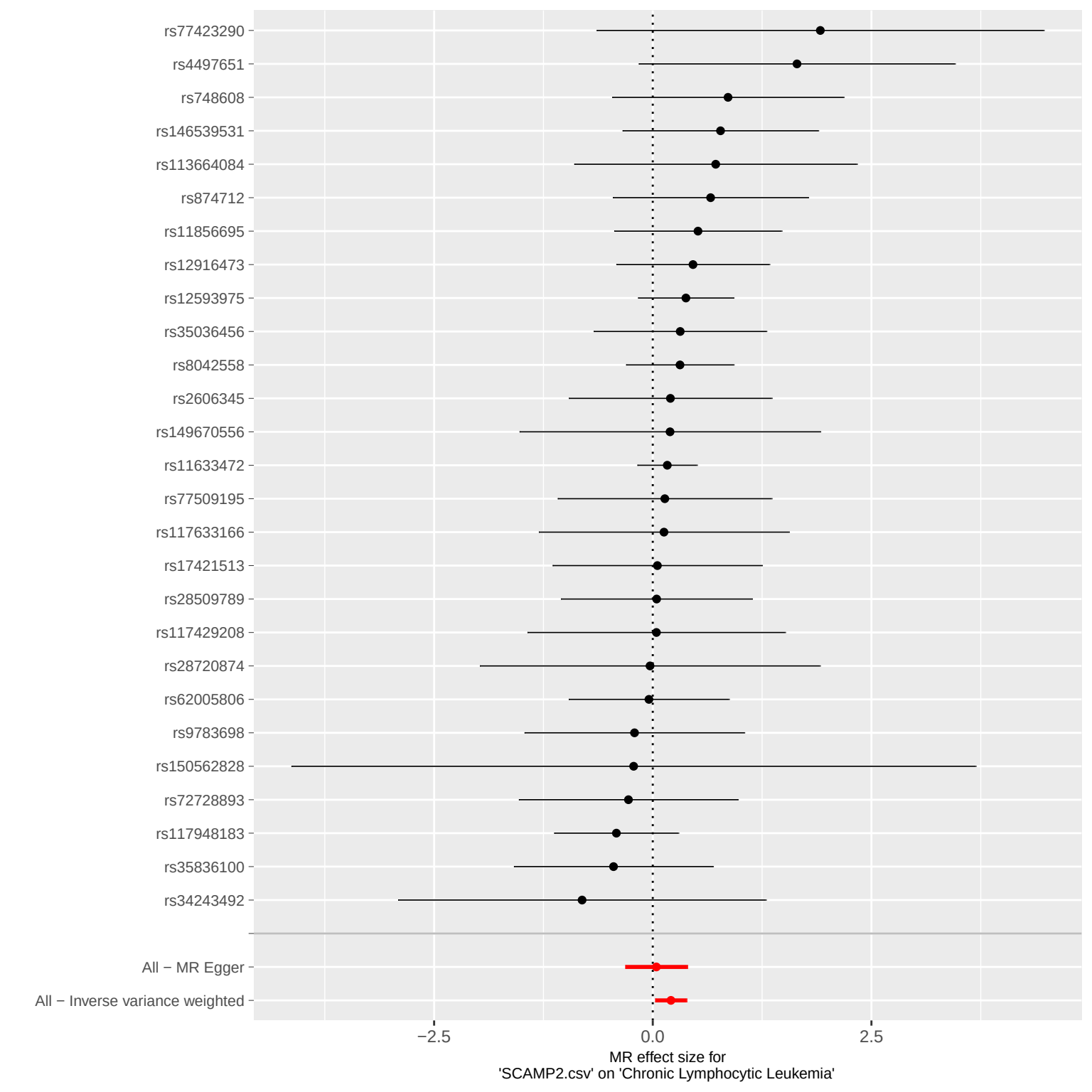
rs117968396
rs205358
rs111349019
rs145348479
rs75556002
rs153103
rs72785834
rs78102288
rs4788117
rs34395441
rs74330629
rs151091024
rs4788030
rs749253
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'SBK1.csv' on 'Chronic Lymphocytic Leukemia'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rs62005806
rs9783698
rs150562828
rs72728893
rs117948183
rs35836100
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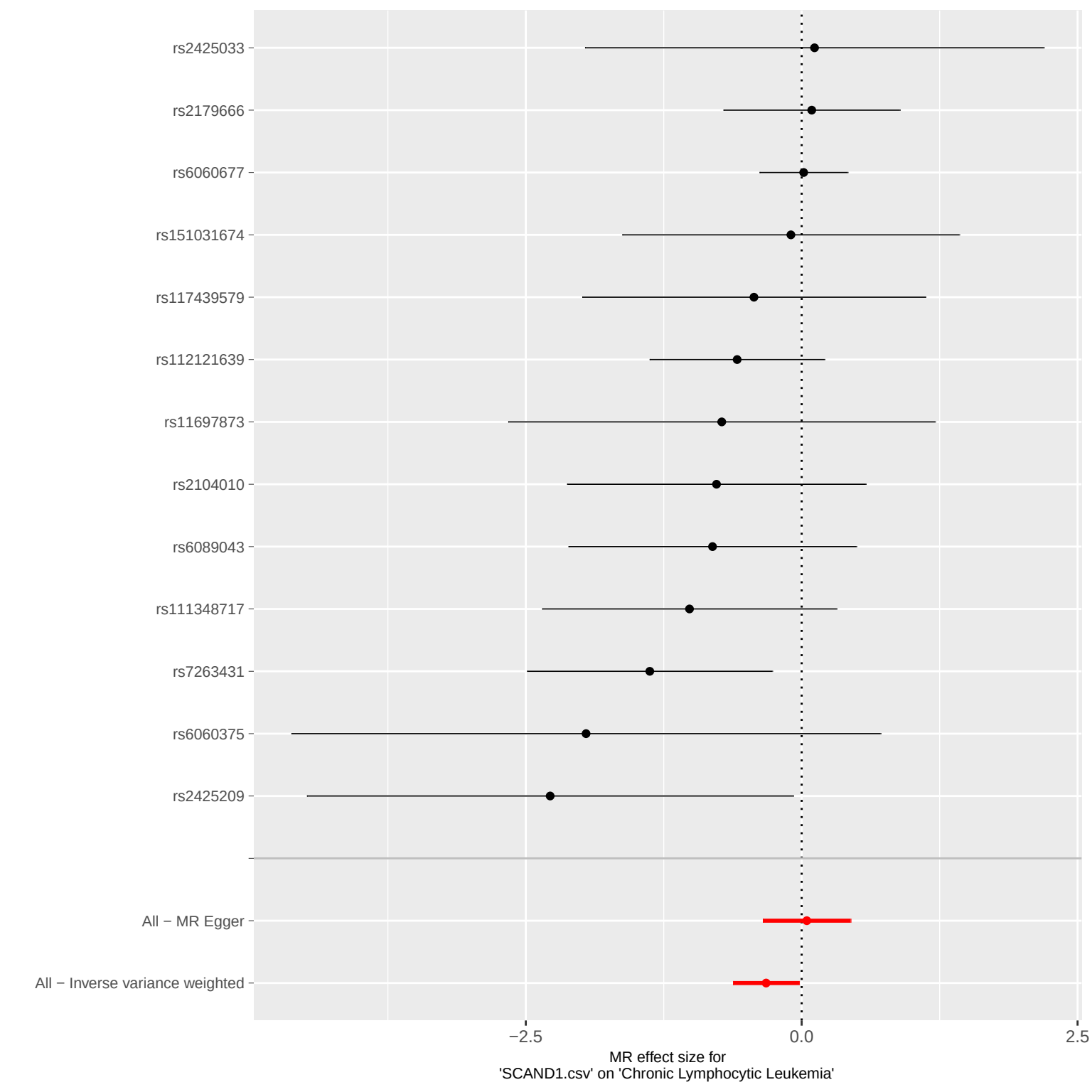
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'SCAMP2.csv' on 'Chronic Lymphocytic Leukemia'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rs6060677
rs151031674
rs117439579
rs112121639
rs11697873
rs2104010
rs6089043
rs111348717
rs7263431
rs6060375
rs2425209
All − MR Egger
All − Inverse variance weighted
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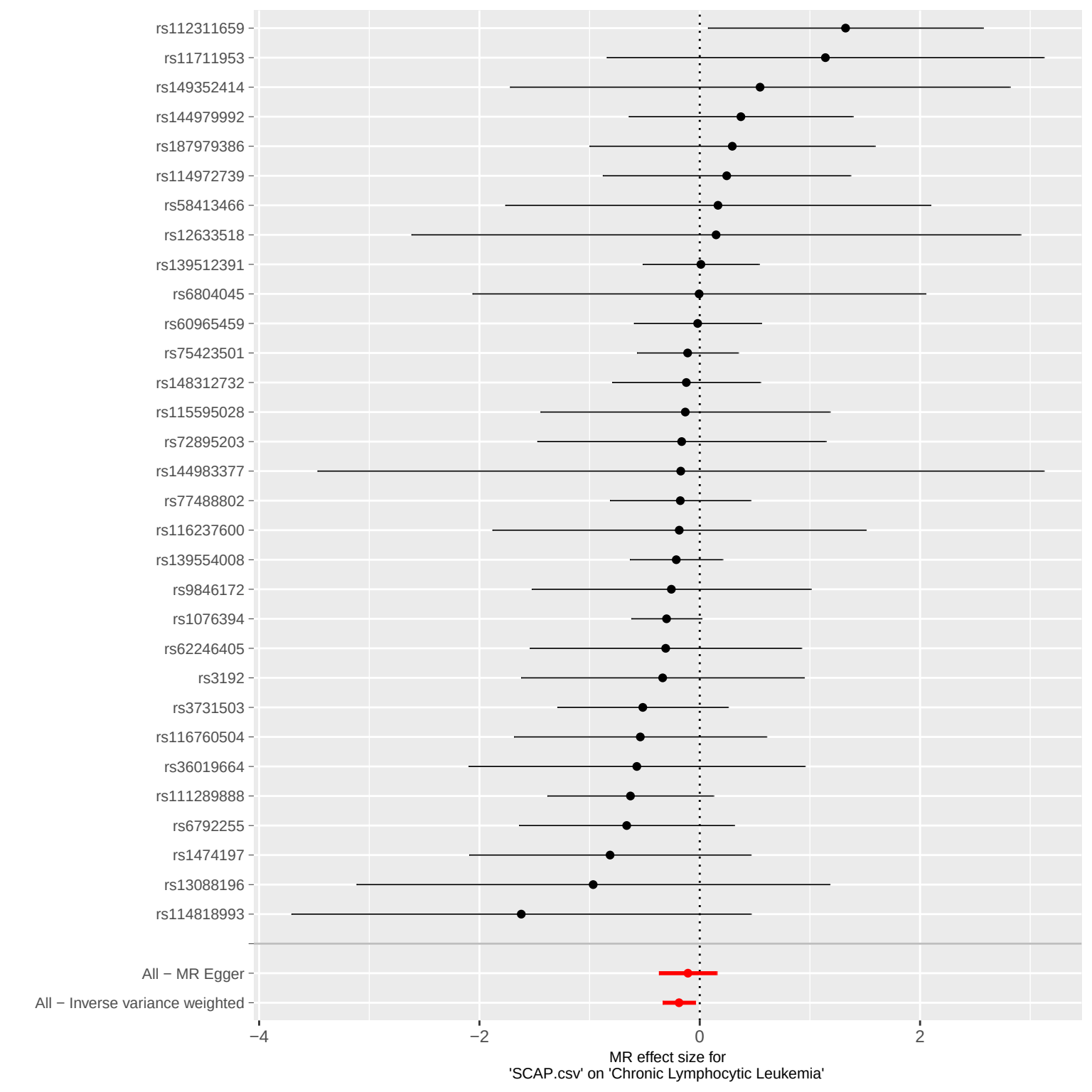
0.0
2.5
MR effect size for
'SCAND1.csv' on 'Chronic Lymphocytic Leukemia'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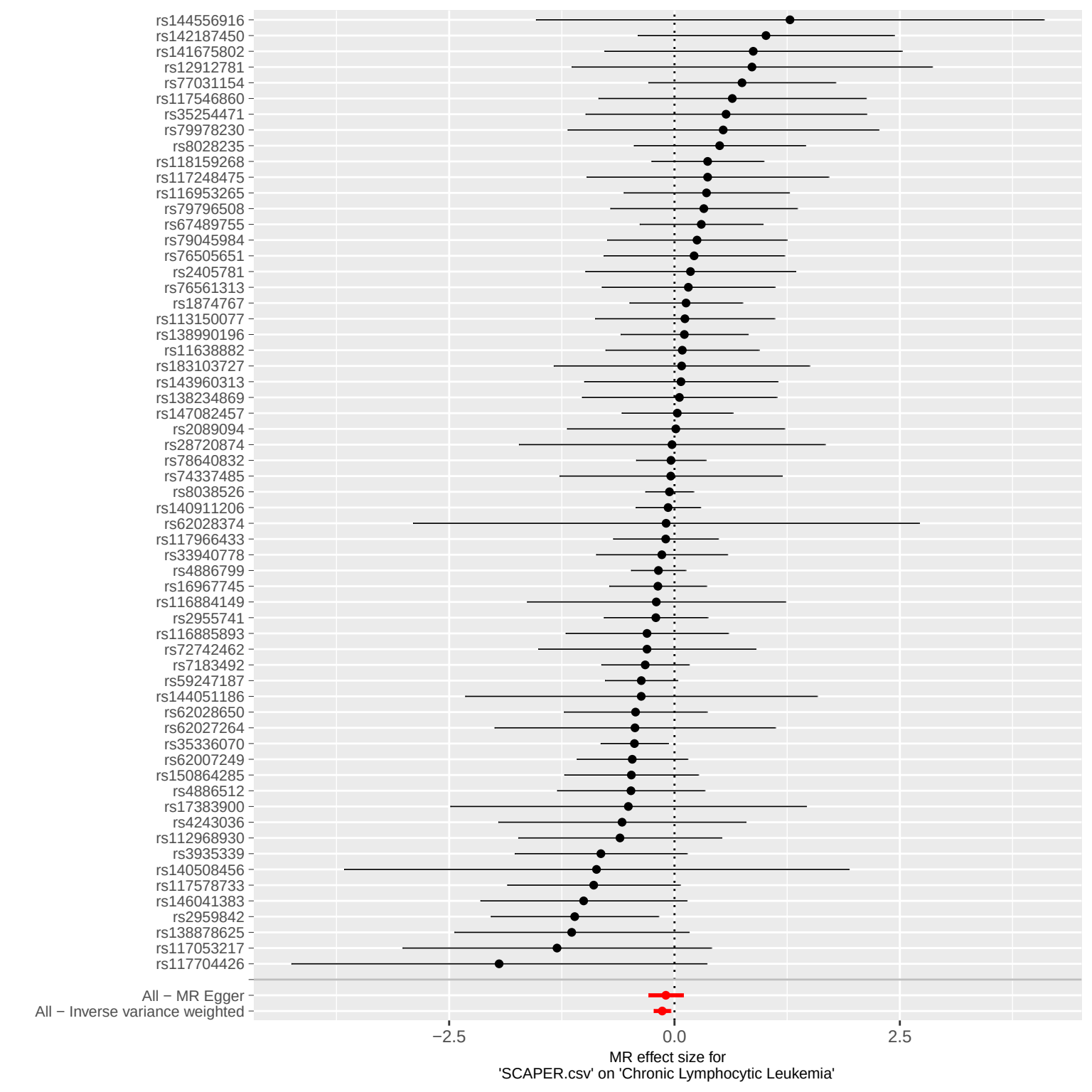
rs36019664
rs111289888
rs6792255
rs1474197
rs13088196
rs114818993
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SCAP.csv' on 'Chronic Lymphocytic Leukemia'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rs3935339
rs140508456
rs117578733
rs146041383
rs2959842
rs138878625
rs117053217
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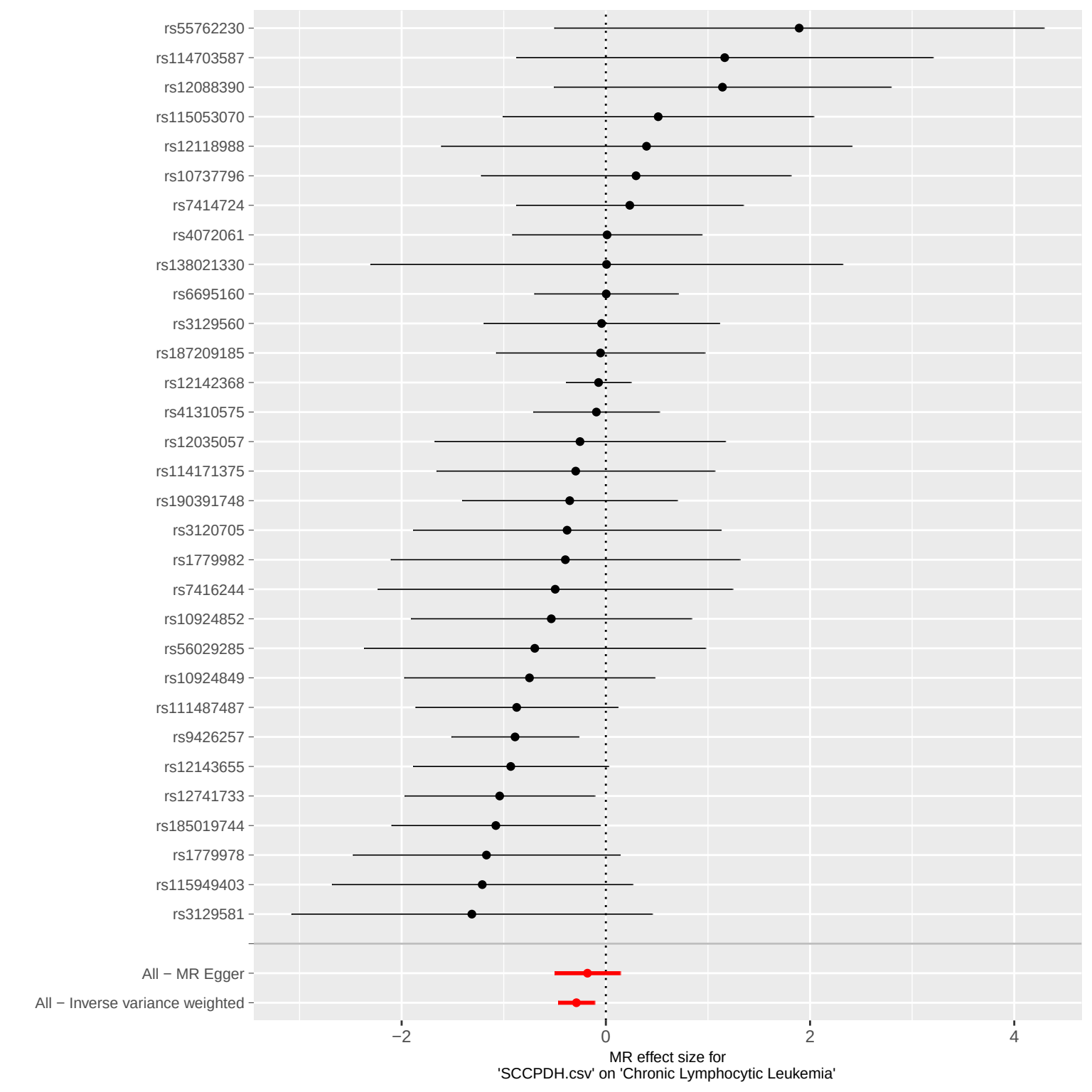
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'SCAPER.csv' on 'Chronic Lymphocytic Leukemia'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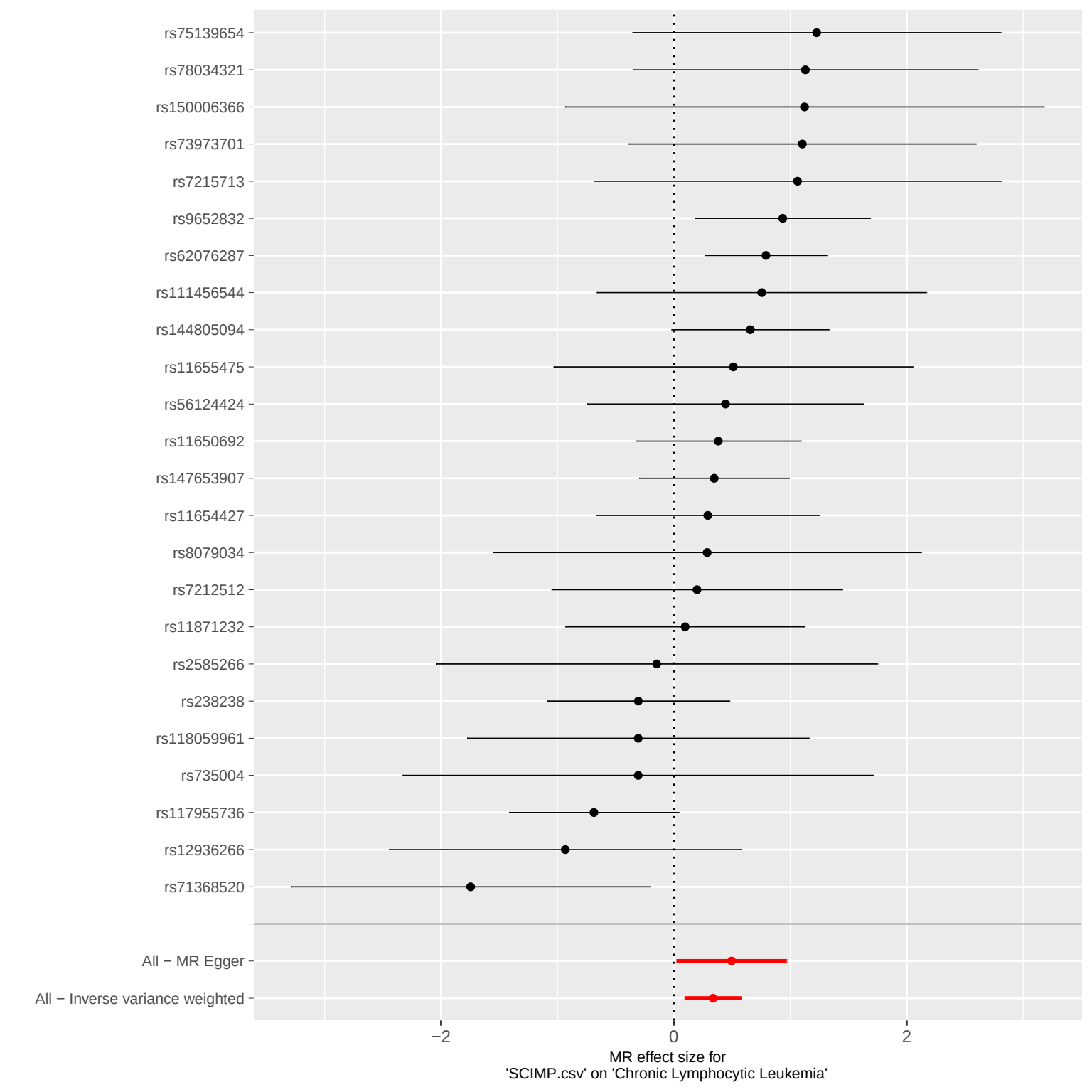
rs3129560
rs187209185
rs12142368
rs41310575
rs12035057
rs114171375
rs190391748
rs3120705
rs1779982
rs7416244
rs10924852
rs56029285
rs10924849
rs111487487
rs9426257
rs12143655
rs12741733
rs185019744
rs1779978
rs115949403
rs3129581
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SCCPDH.csv' on 'Chronic Lymphocytic Leukemia'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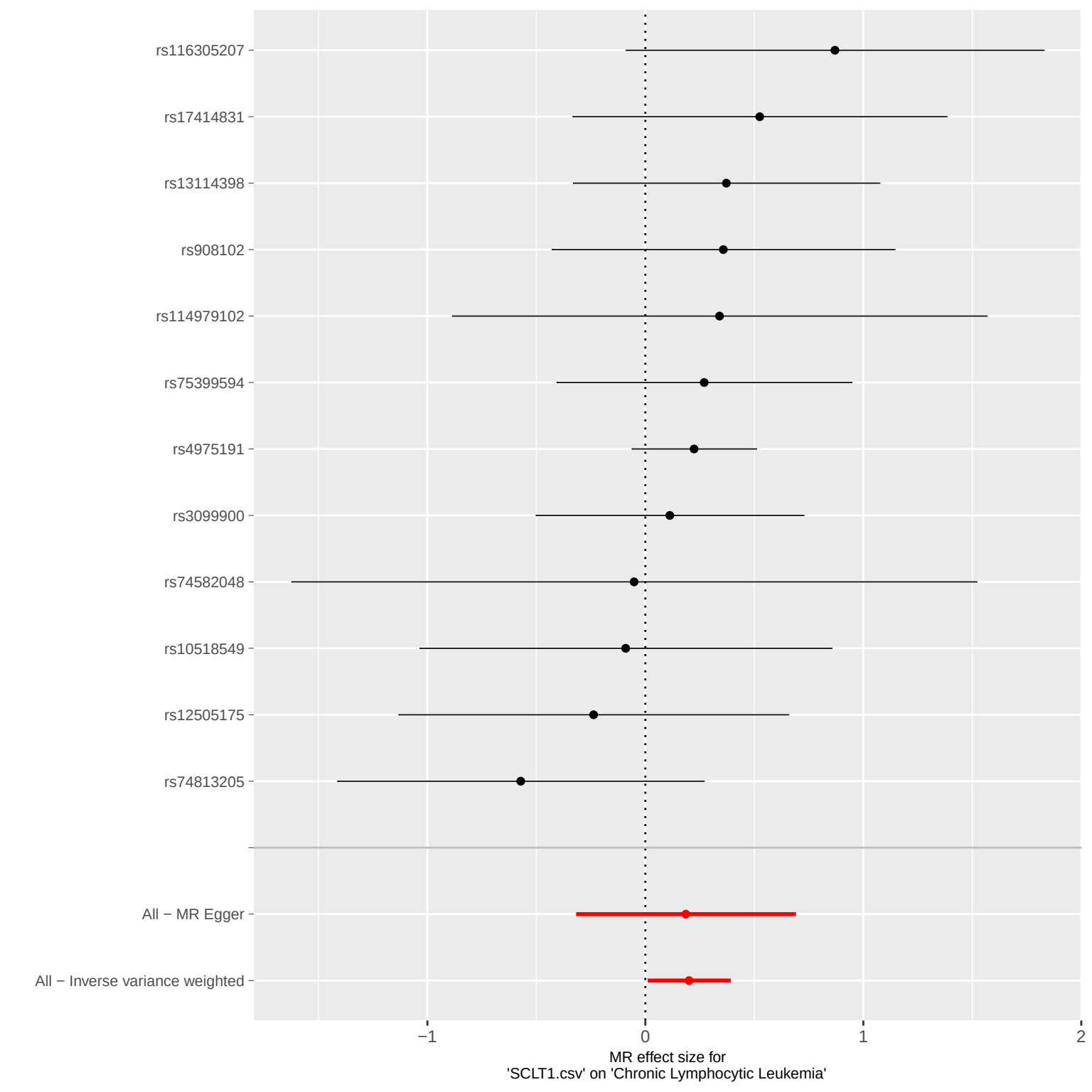
rs11871232
rs2585266
rs238238
rs118059961
rs735004
rs117955736
rs12936266
rs71368520
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SCIMP.csv' on 'Chronic Lymphocytic Leukemia'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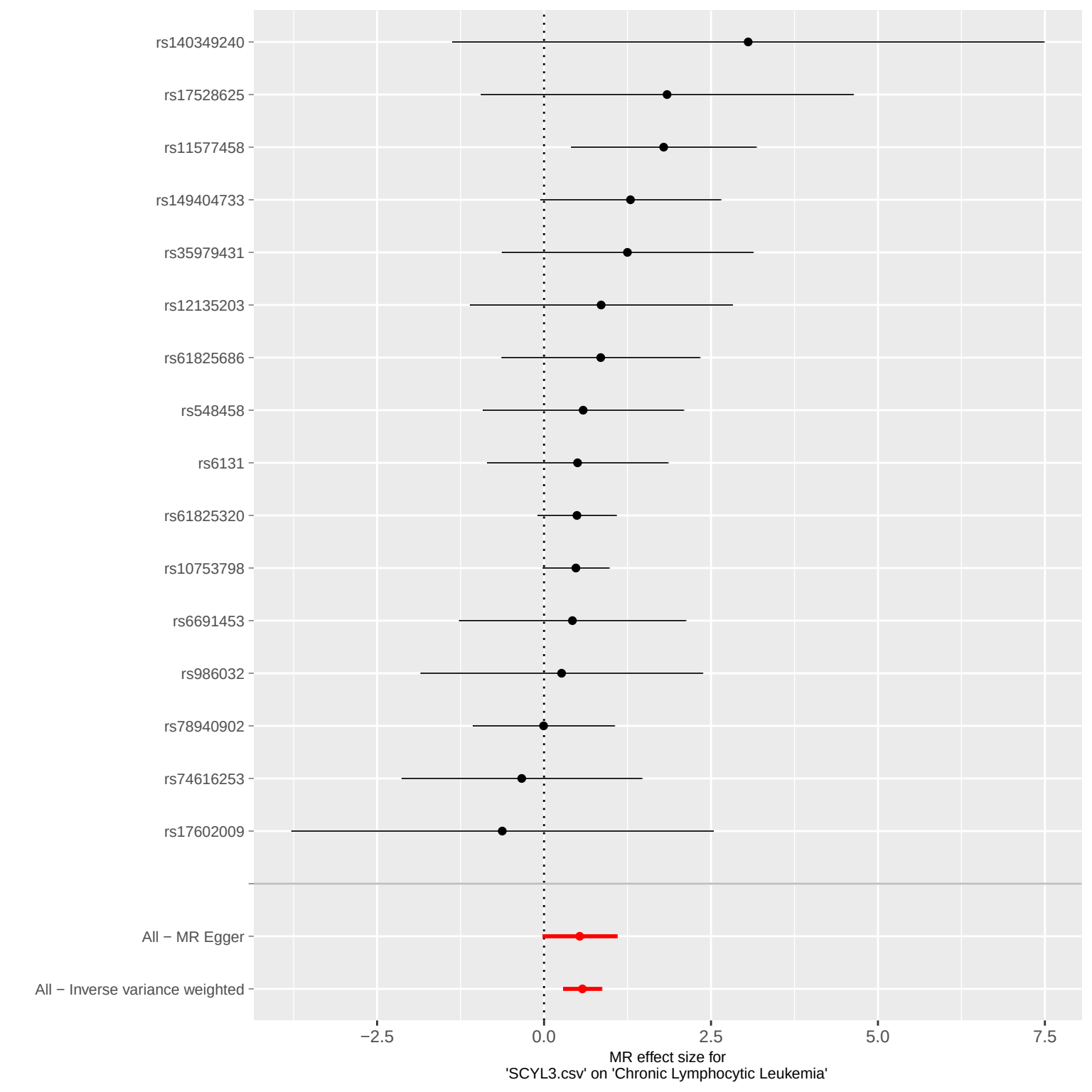
rs4975191
rs3099900
rs74582048
rs10518549
rs12505175
rs74813205
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'SCLT1.csv' on 'Chronic Lymphocytic Leukemia'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rs35979431
rs12135203
rs61825686
rs548458
rs6131
rs61825320
rs10753798
rs6691453
rs986032
rs78940902
rs74616253
rs17602009
All − MR Egger
All − Inverse variance weighted
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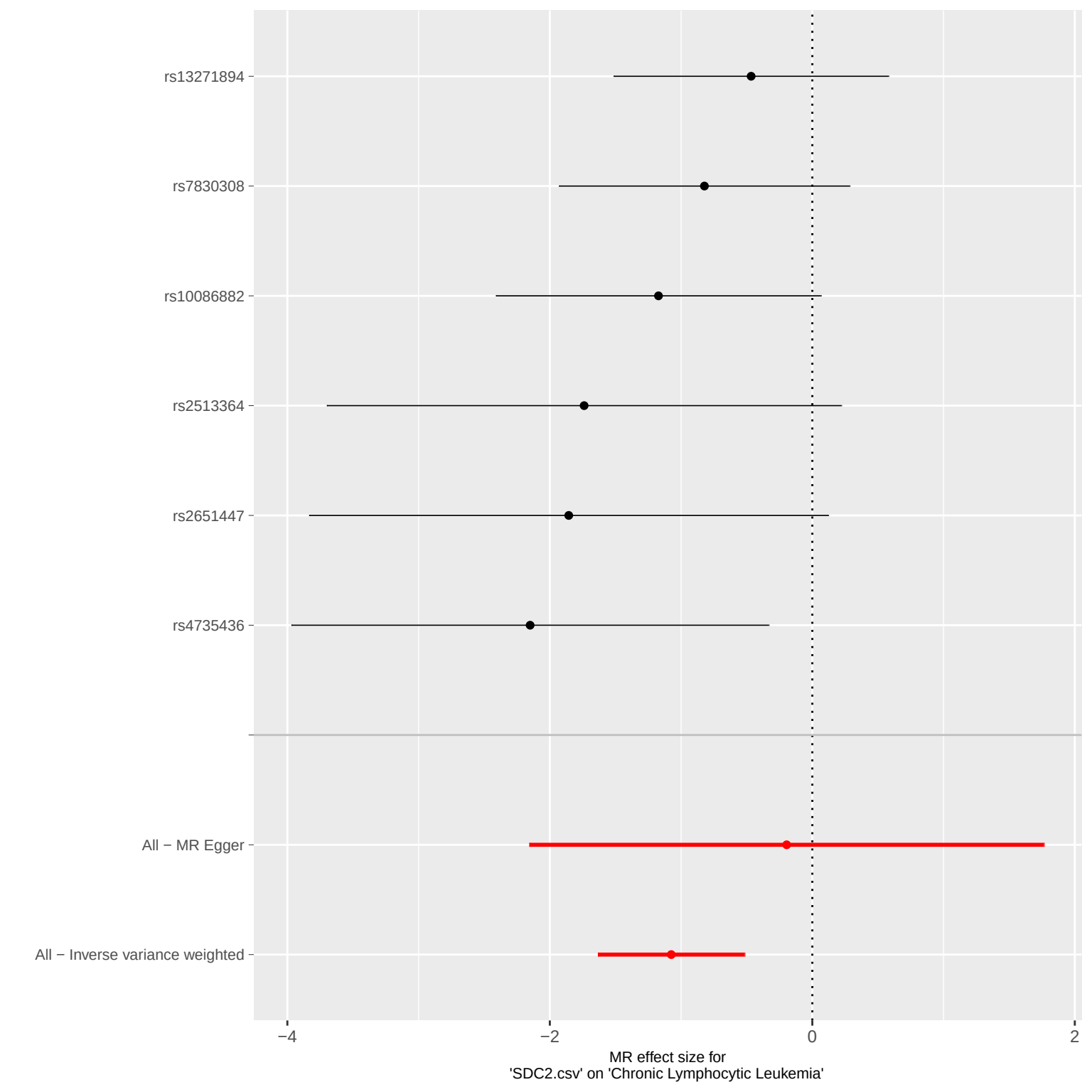
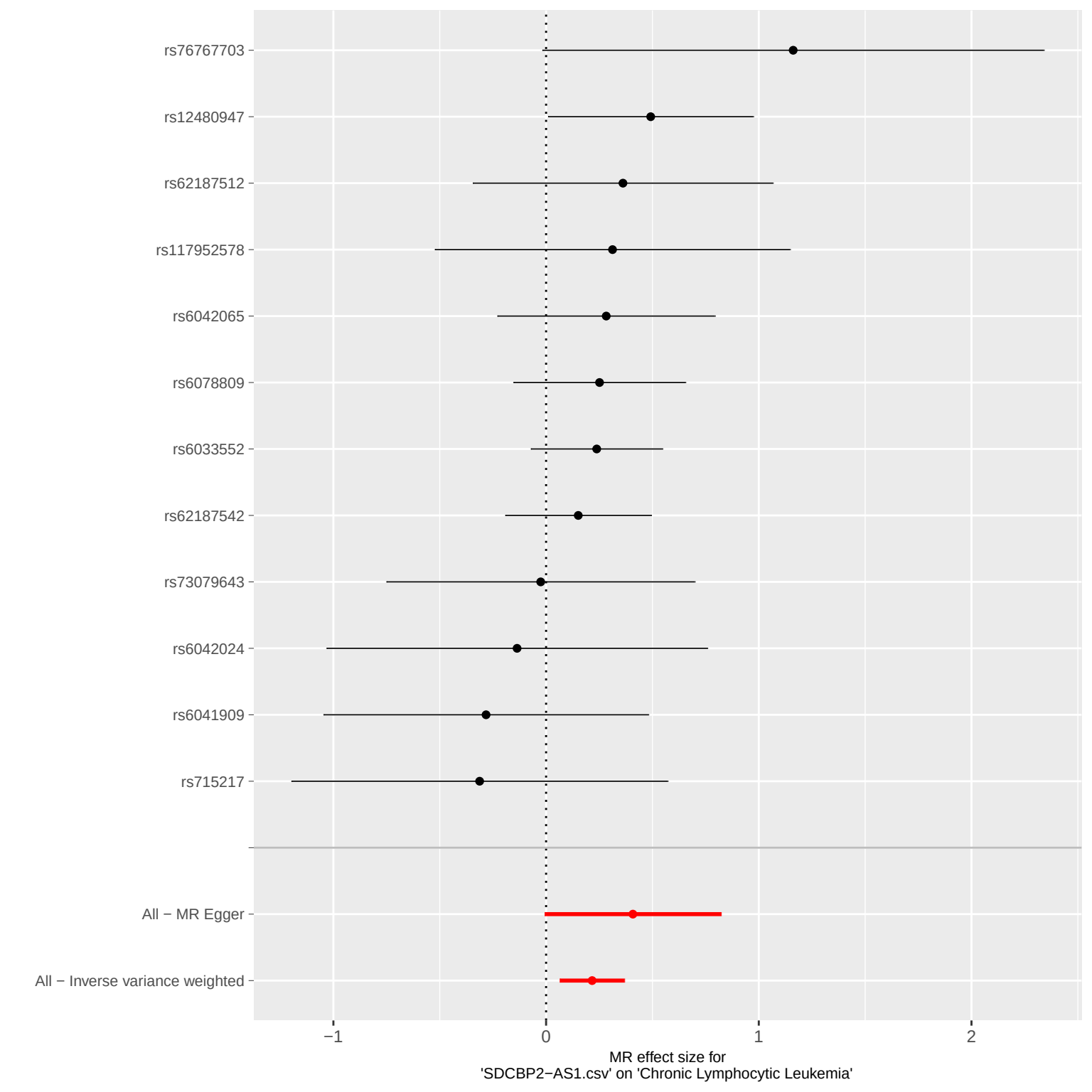
0.0
2.5
5.0
7.5
MR effect size for
'SCYL3.csv' on 'Chronic Lymphocytic Leukemia'


rs13271894
rs7830308
rs10086882
rs2513364
rs2651447
rs4735436
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SDC2.csv' on 'Chronic Lymphocytic Leukemia'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rs62187512
rs117952578
rs6042065
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rs6033552
rs62187542
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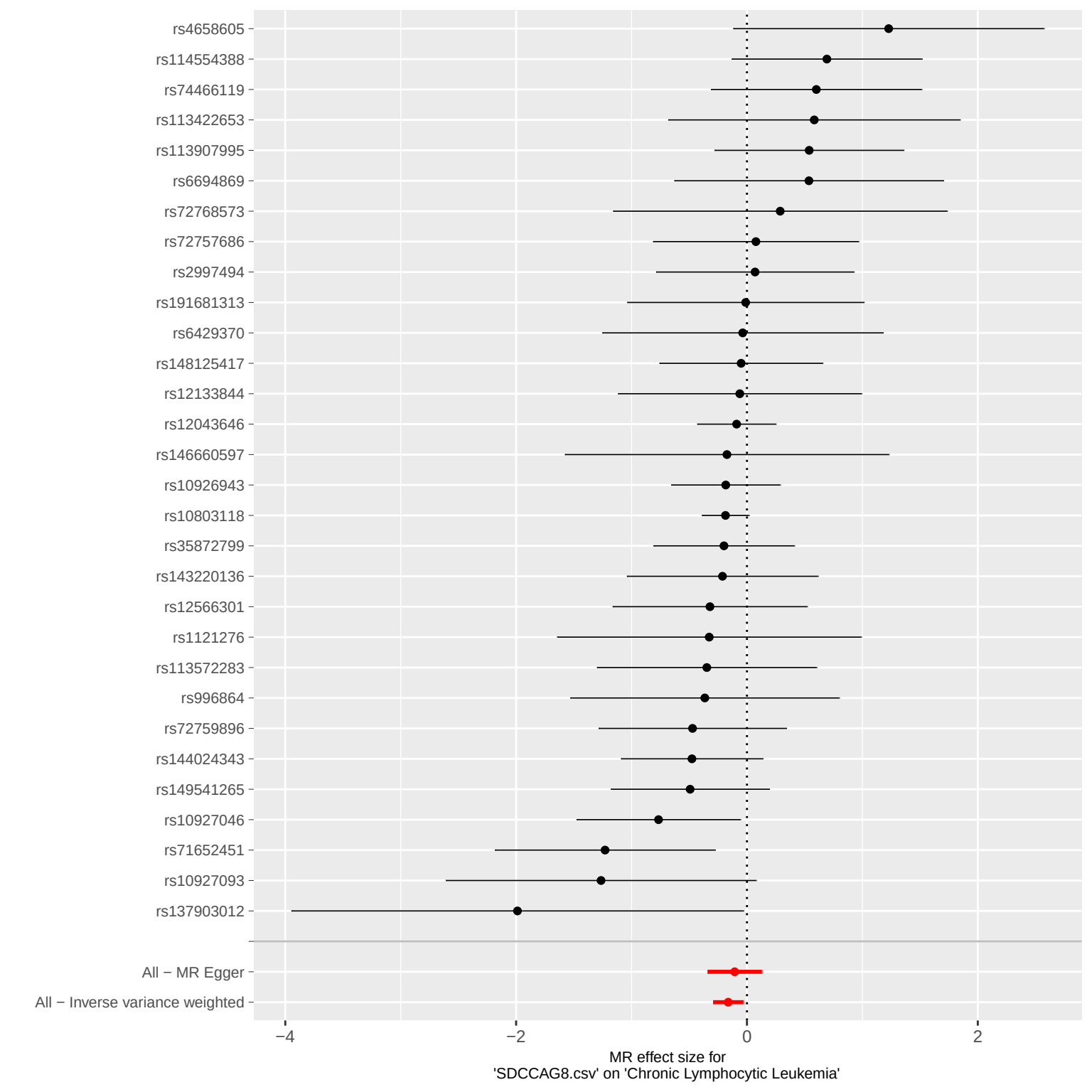
rs6042024
rs6041909
rs715217
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'SDCBP2−AS1.csv' on 'Chronic Lymphocytic Leukemia'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rs143220136
rs12566301
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rs113572283
rs996864
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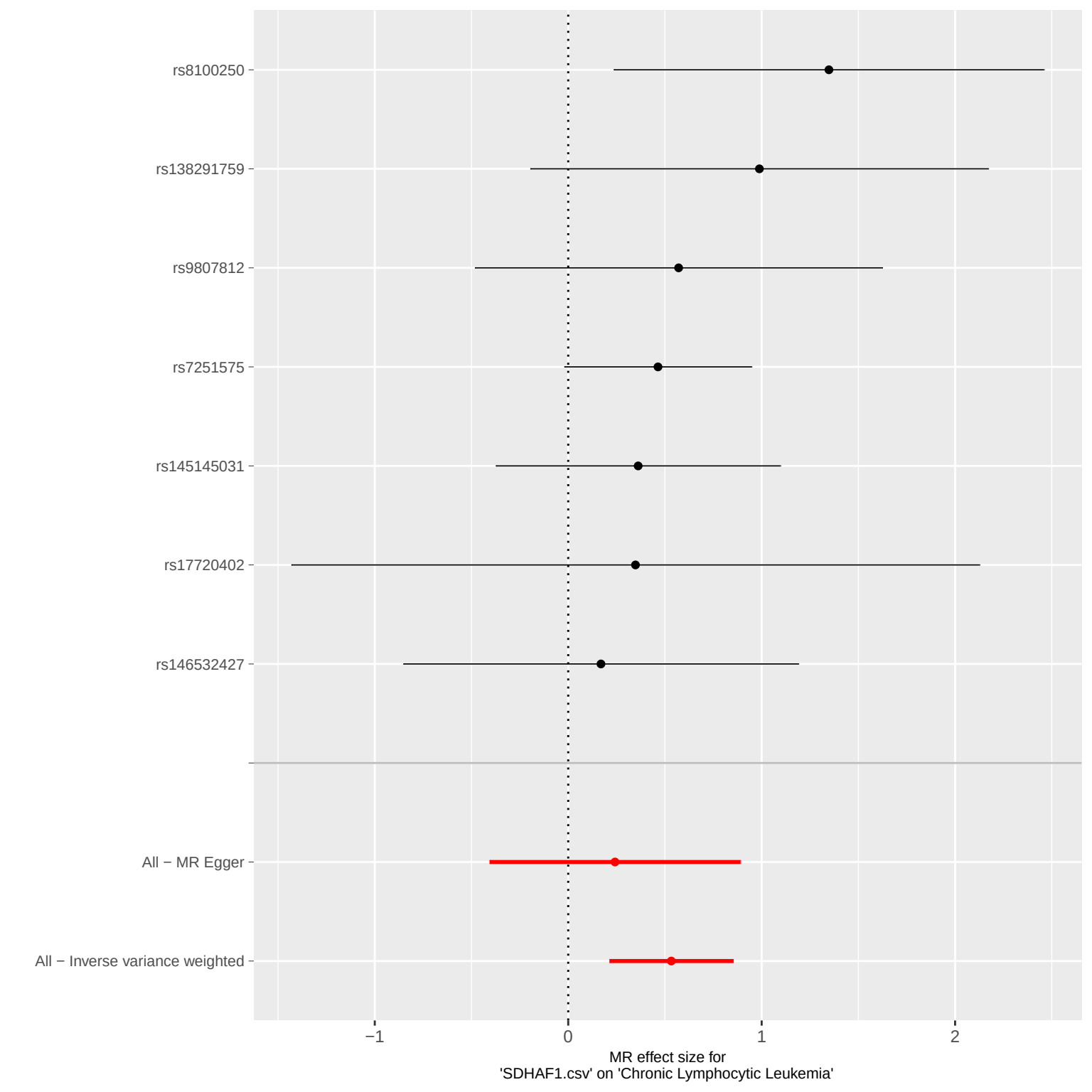
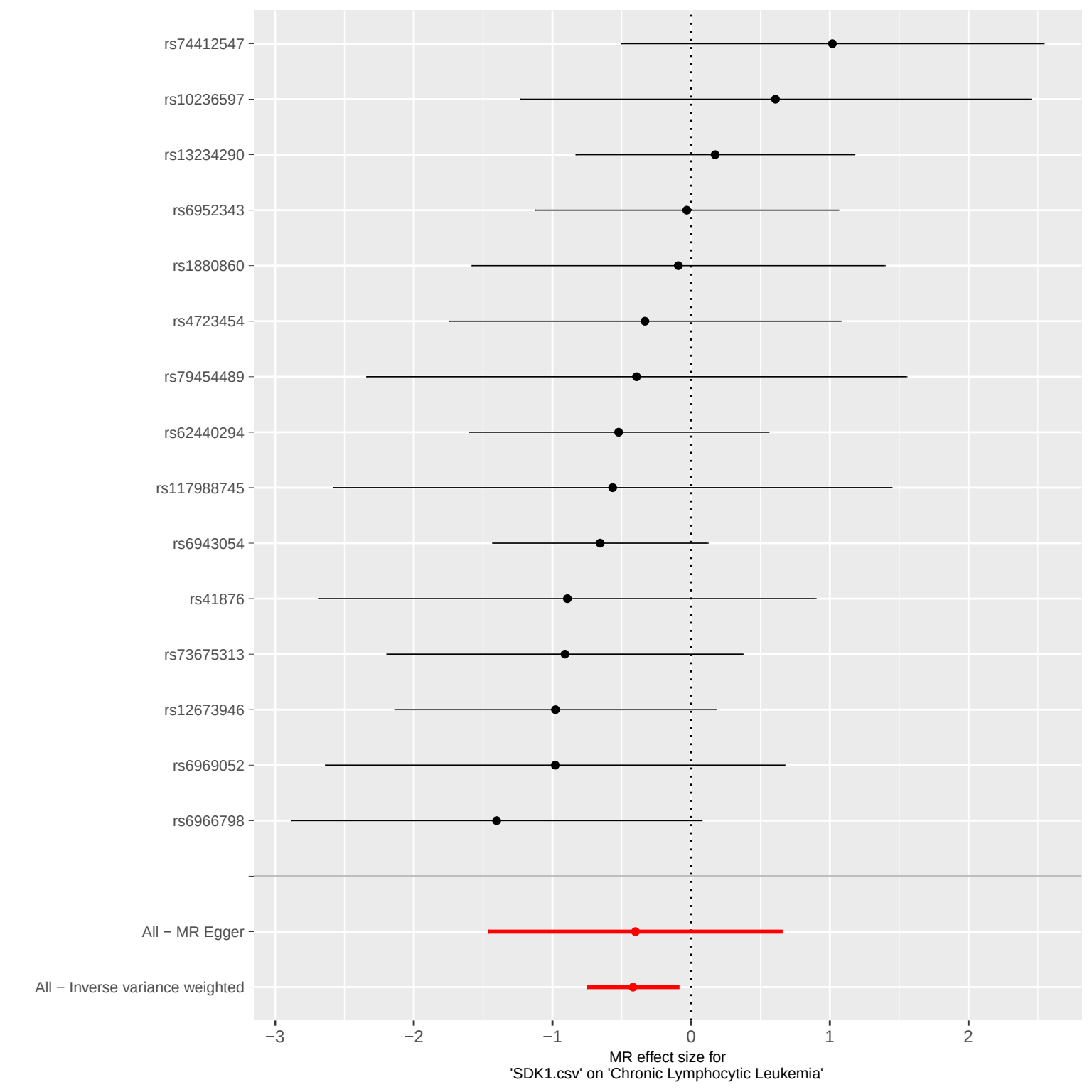
rs144024343
rs149541265
rs10927046
rs71652451
rs10927093
rs137903012
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SDCCAG8.csv' on 'Chronic Lymphocytic Leukemia'


rs8100250
rs138291759
rs9807812
rs7251575
rs145145031
rs17720402
rs146532427
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'SDHAF1.csv' on 'Chronic Lymphocytic Leukemia'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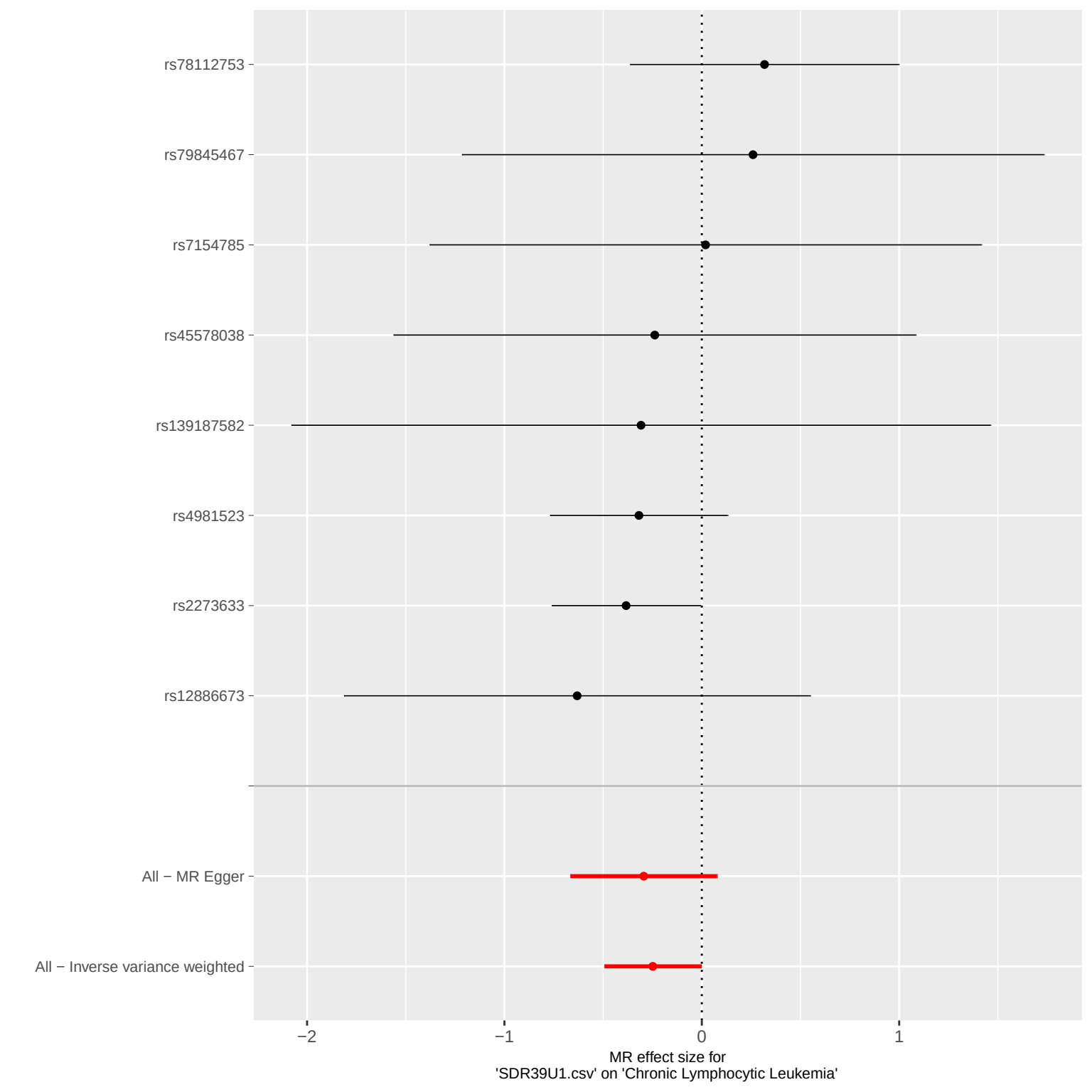
rs1880860
rs4723454
rs79454489
rs62440294
rs117988745
rs6943054
rs41876
rs73675313
rs12673946
rs6969052
rs6966798
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'SDK1.csv' on 'Chronic Lymphocytic Leukemia'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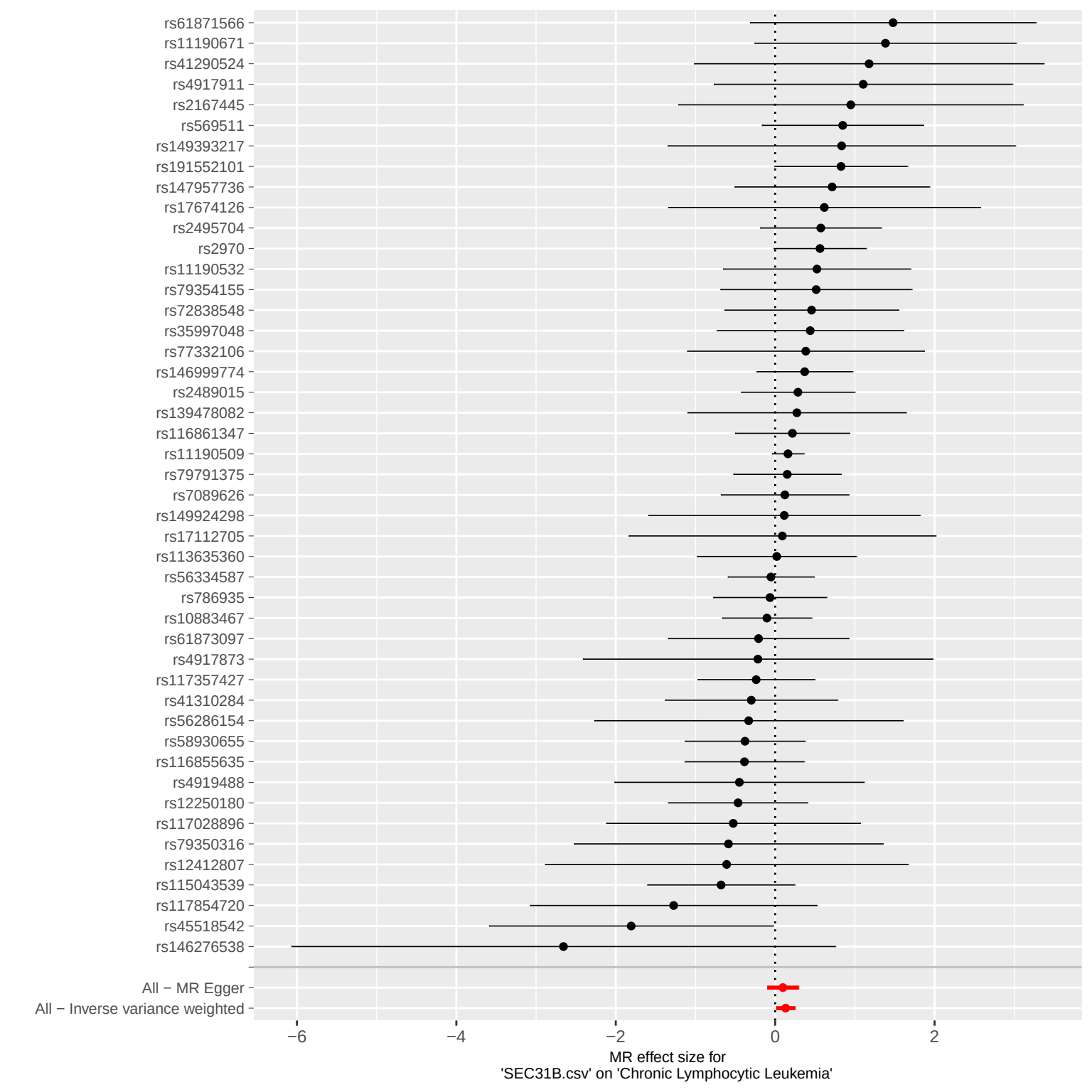
rs79845467
rs7154785
rs45578038
rs139187582
rs4981523
rs2273633
rs12886673
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'SDR39U1.csv' on 'Chronic Lymphocytic Leukemia'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rs77332106
rs146999774
rs2489015
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rs12250180
rs117028896
rs79350316
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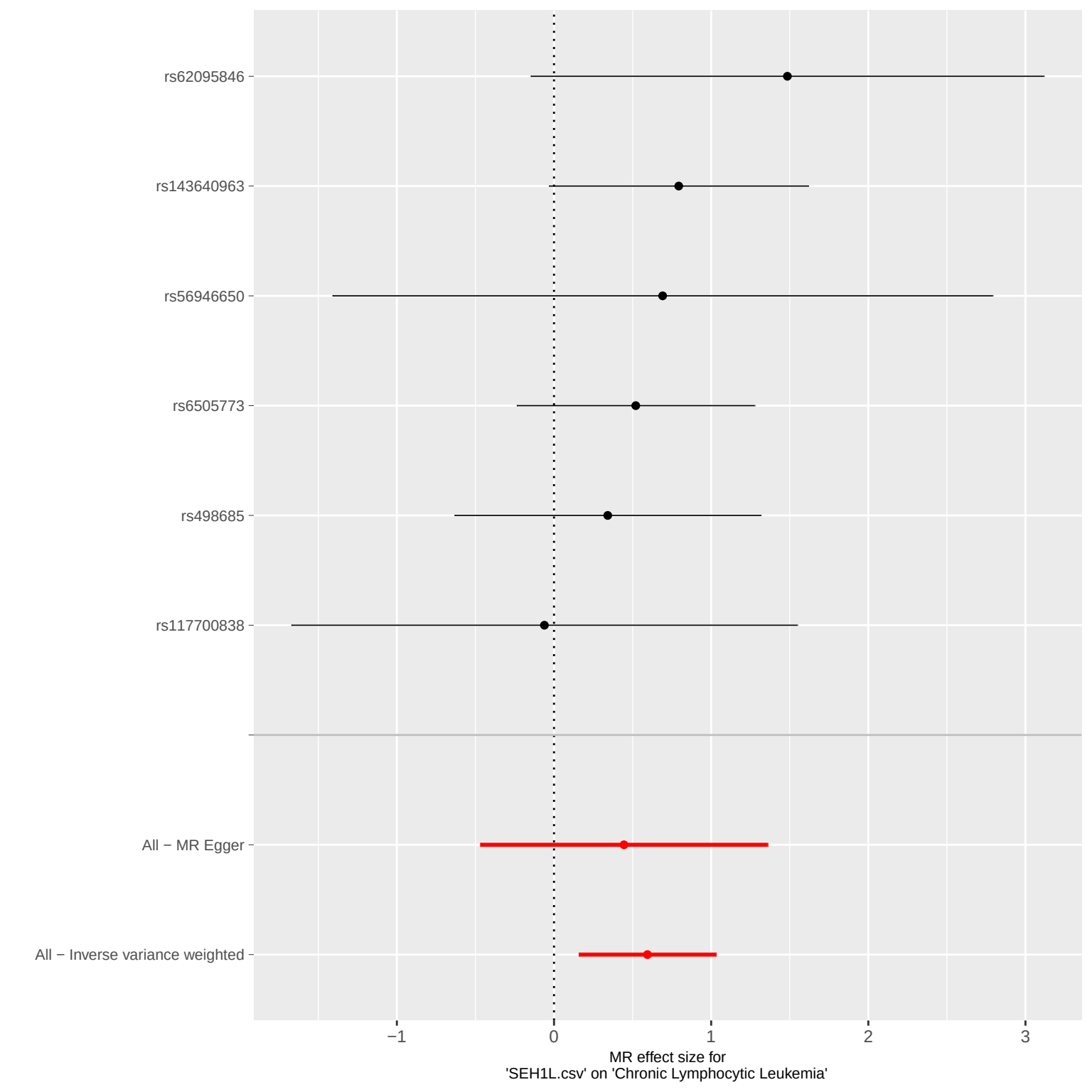
rs117854720
rs45518542
rs146276538
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'SEC31B.csv' on 'Chronic Lymphocytic Leukemia'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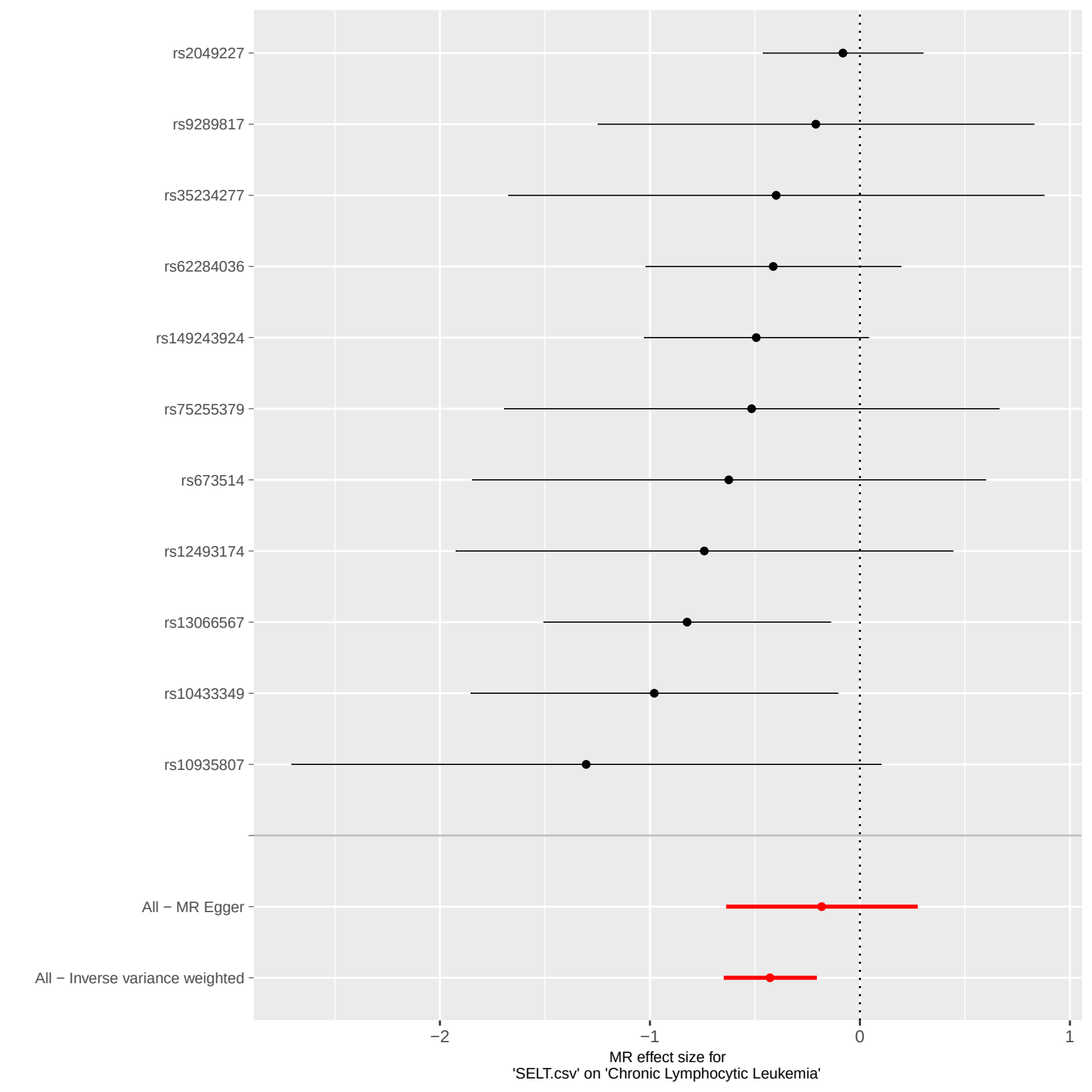
rs56946650
rs6505773
rs498685
rs117700838
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'SEH1L.csv' on 'Chronic Lymphocytic Leukemia'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rs9289817
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rs149243924
rs75255379
rs673514
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rs10433349
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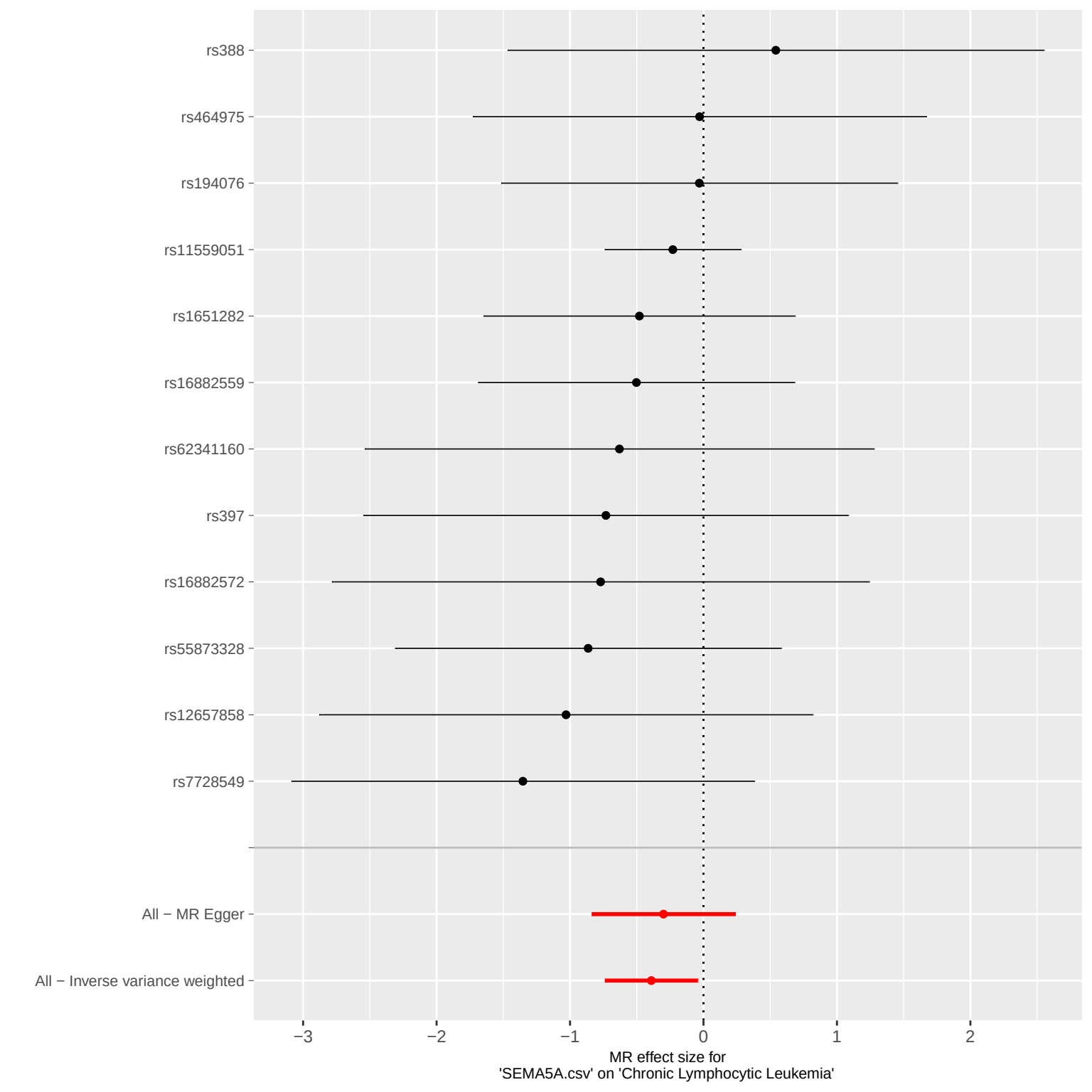
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'SELT.csv' on 'Chronic Lymphocytic Leukemia'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rs194076
rs11559051
rs1651282
rs16882559
rs62341160
rs397
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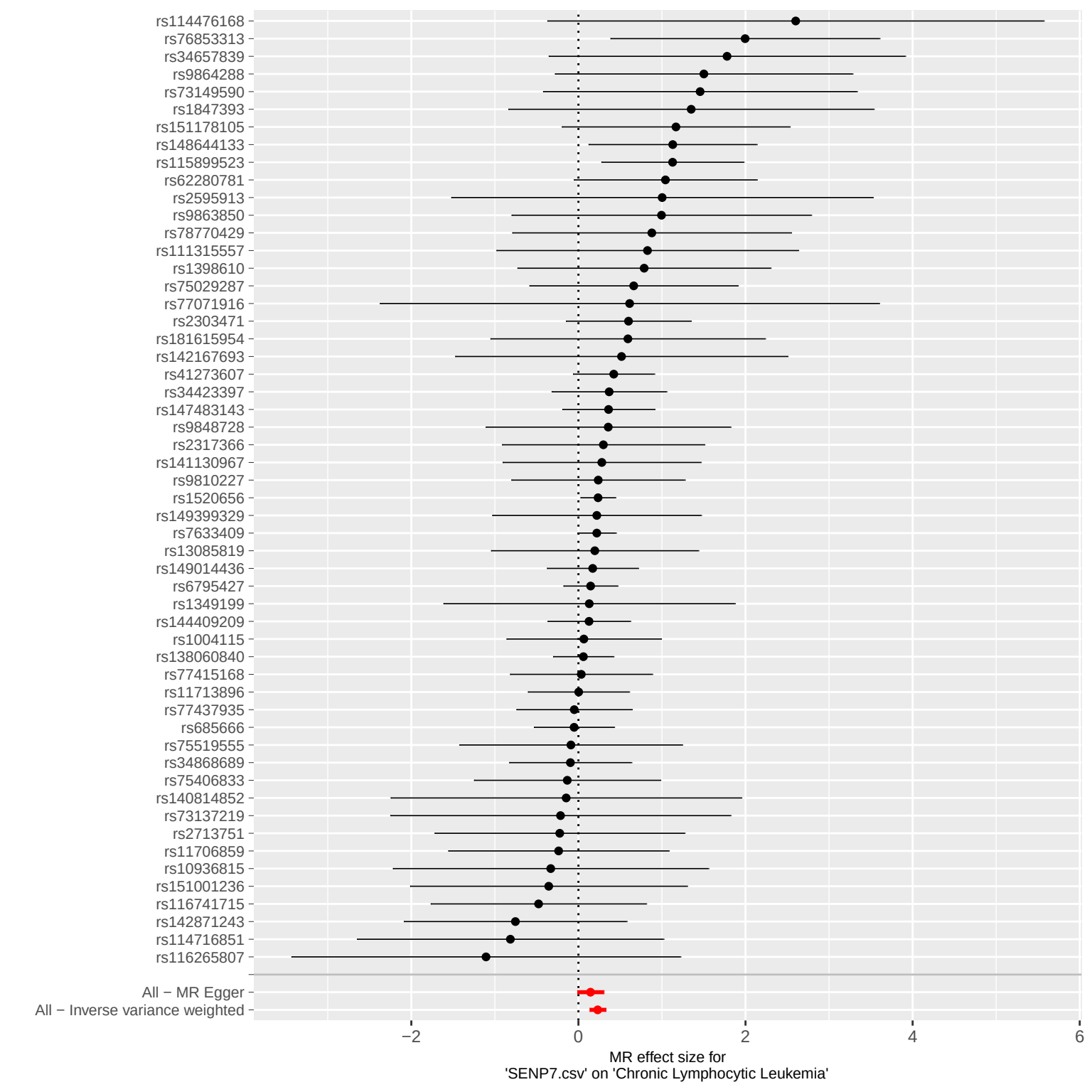
rs55873328
rs12657858
rs7728549
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'SEMA5A.csv' on 'Chronic Lymphocytic Leukemia'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rs9863850
rs78770429
rs111315557
rs1398610
rs75029287
rs77071916
rs2303471
rs181615954
rs142167693
rs41273607
rs34423397
rs147483143
rs9848728
rs2317366
rs141130967
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rs1520656
rs149399329
rs7633409
rs13085819
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rs6795427
rs1349199
rs144409209
rs1004115
rs138060840
rs77415168
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rs685666
rs75519555
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rs75406833
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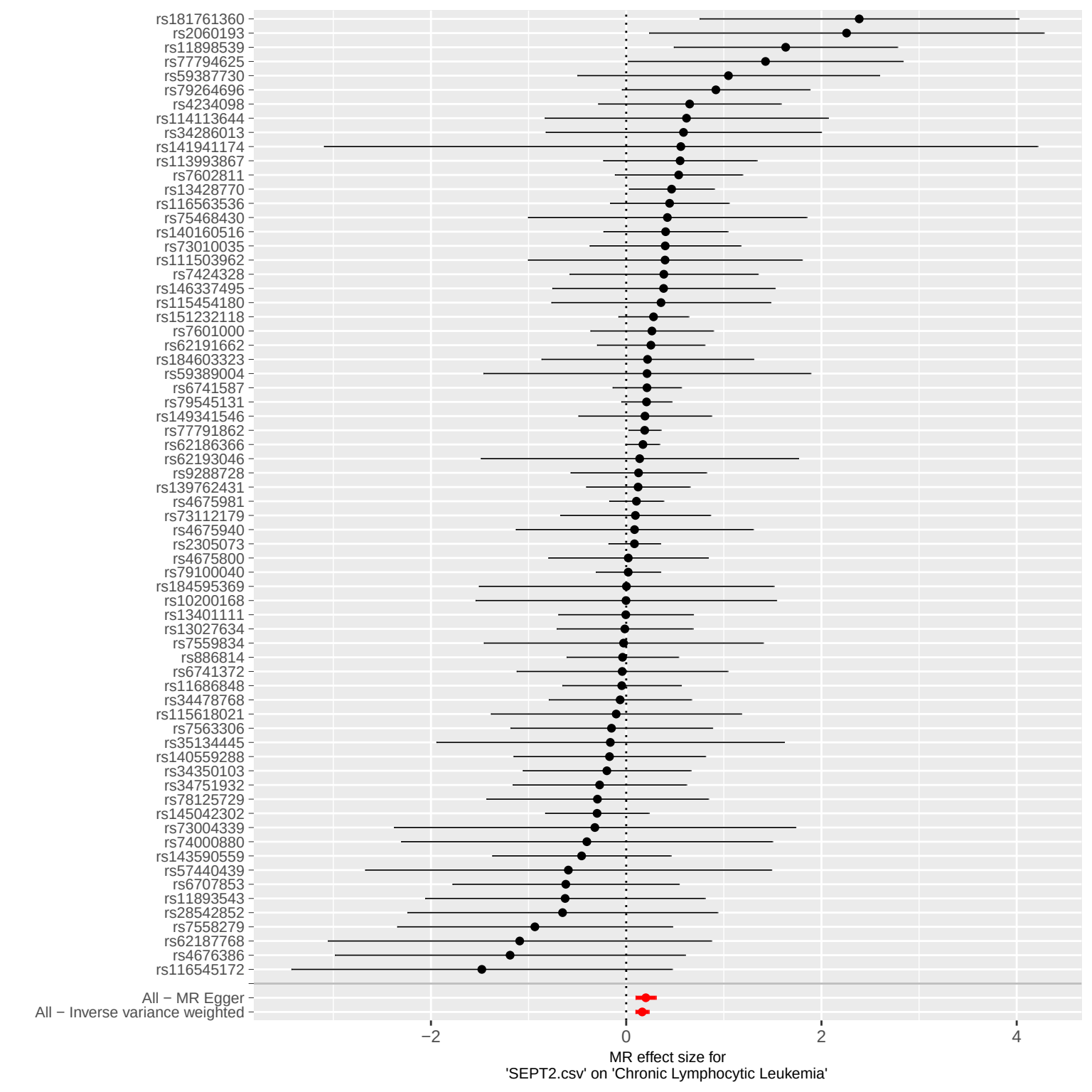
rs2713751
rs11706859
rs10936815
rs151001236
rs116741715
rs142871243
rs114716851
rs116265807
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'SENP7.csv' on 'Chronic Lymphocytic Leukemia'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rs7602811
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rs116563536
rs75468430
rs140160516
rs73010035
rs111503962
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rs115454180
rs151232118
rs7601000
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rs184603323
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rs79545131
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rs10200168
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rs6741372
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rs115618021
rs7563306
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rs78125729
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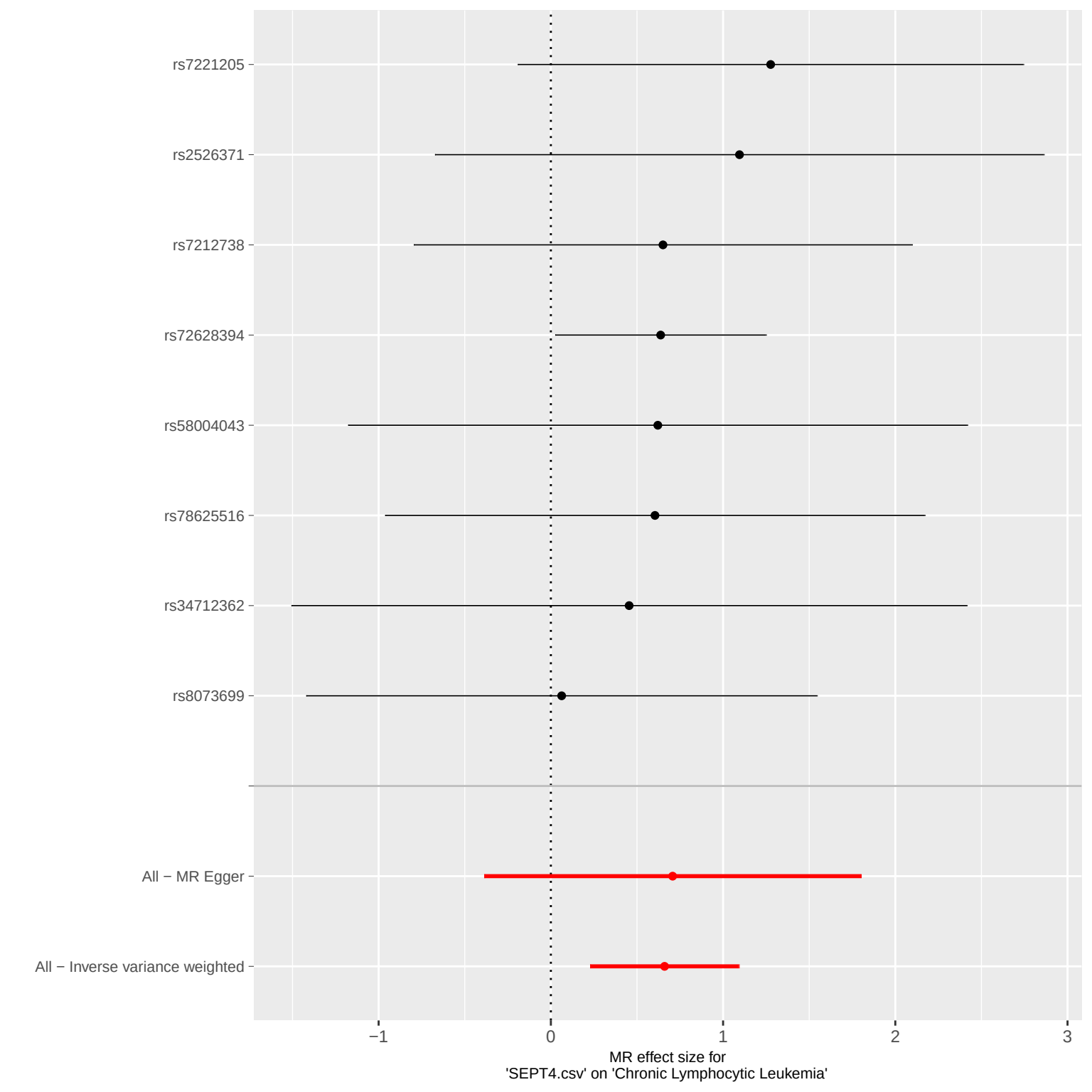
rs74000880
rs143590559
rs57440439
rs6707853
rs11893543
rs28542852
rs7558279
rs62187768
rs4676386
rs116545172
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SEPT2.csv' on 'Chronic Lymphocytic Leukemia'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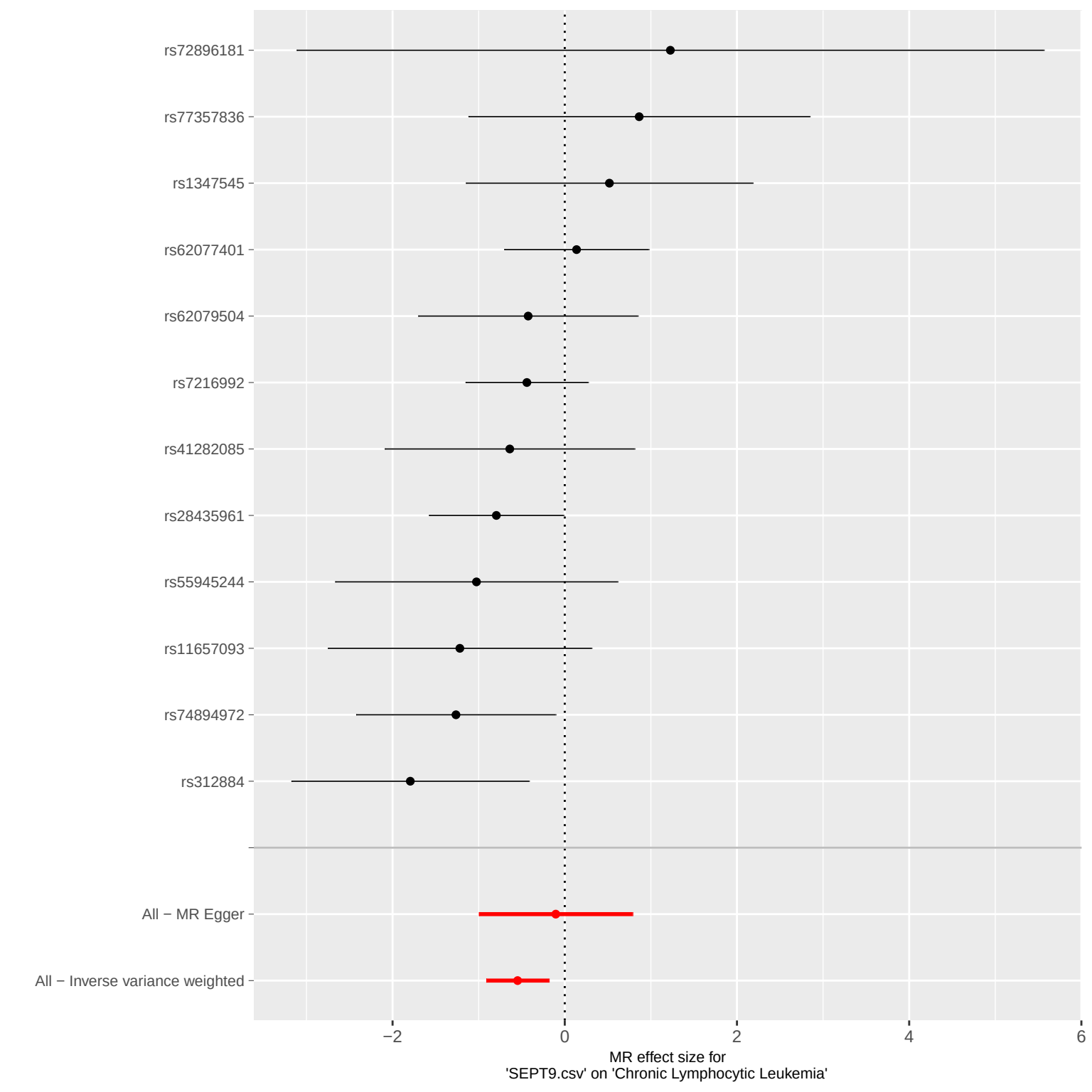
rs2526371
rs7212738
rs72628394
rs58004043
rs78625516
rs34712362
rs8073699
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'SEPT4.csv' on 'Chronic Lymphocytic Leukemia'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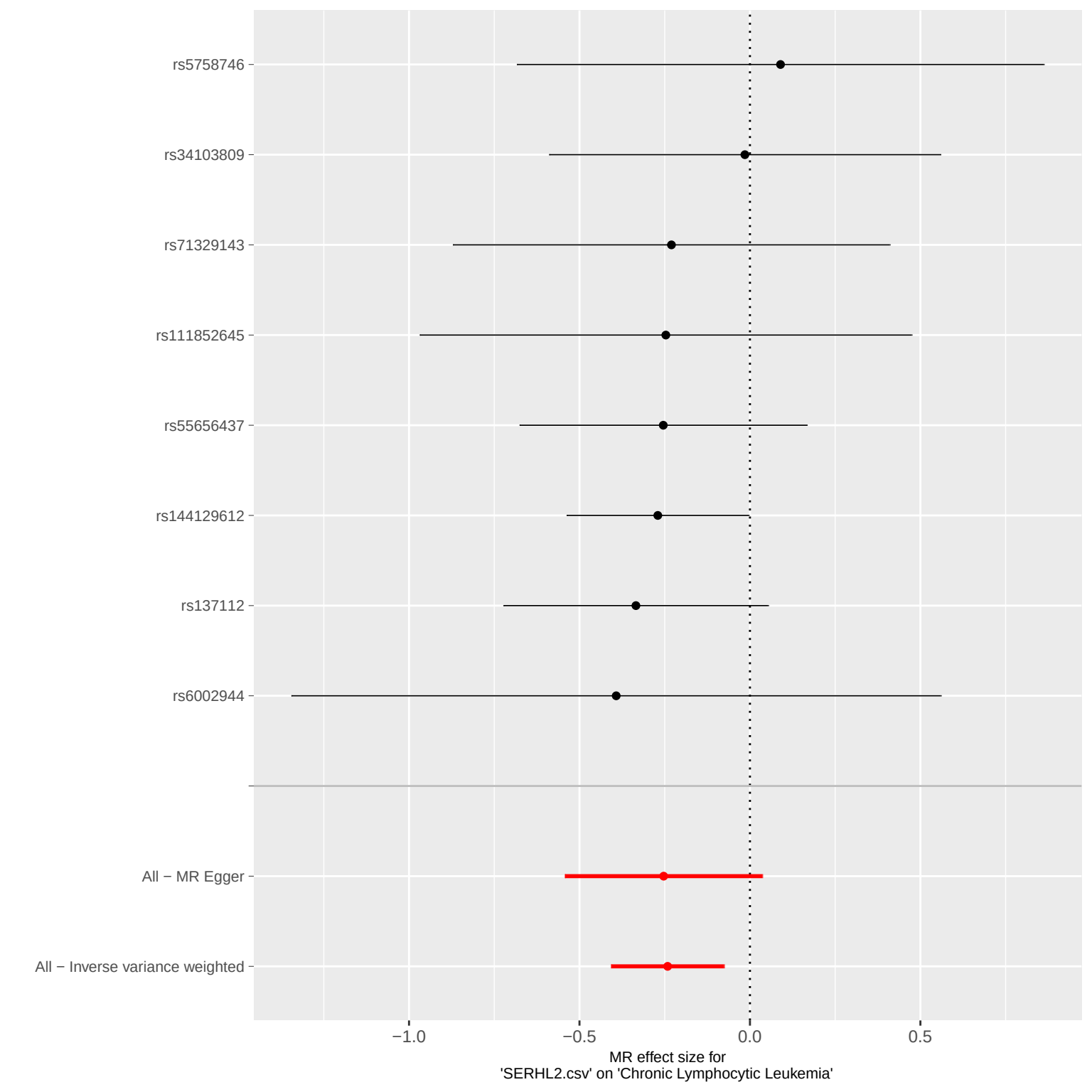
rs62077401
rs62079504
rs7216992
rs41282085
rs28435961
rs55945244
rs11657093
rs74894972
rs312884
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'SEPT9.csv' on 'Chronic Lymphocytic Leukemia'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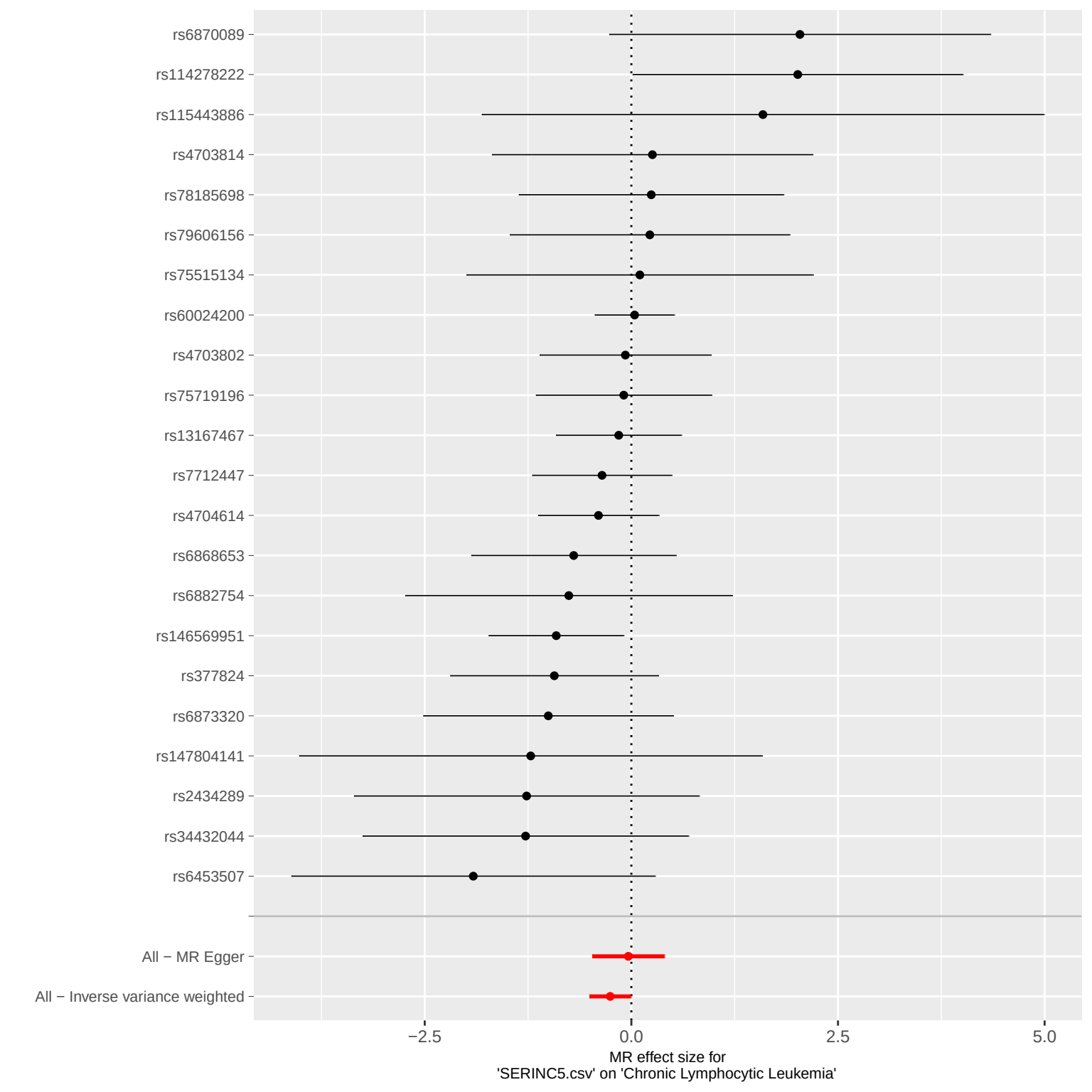
rs34103809
rs71329143
rs111852645
rs55656437
rs144129612
rs137112
rs6002944
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
MR effect size for
'SERHL2.csv' on 'Chronic Lymphocytic Leukemia'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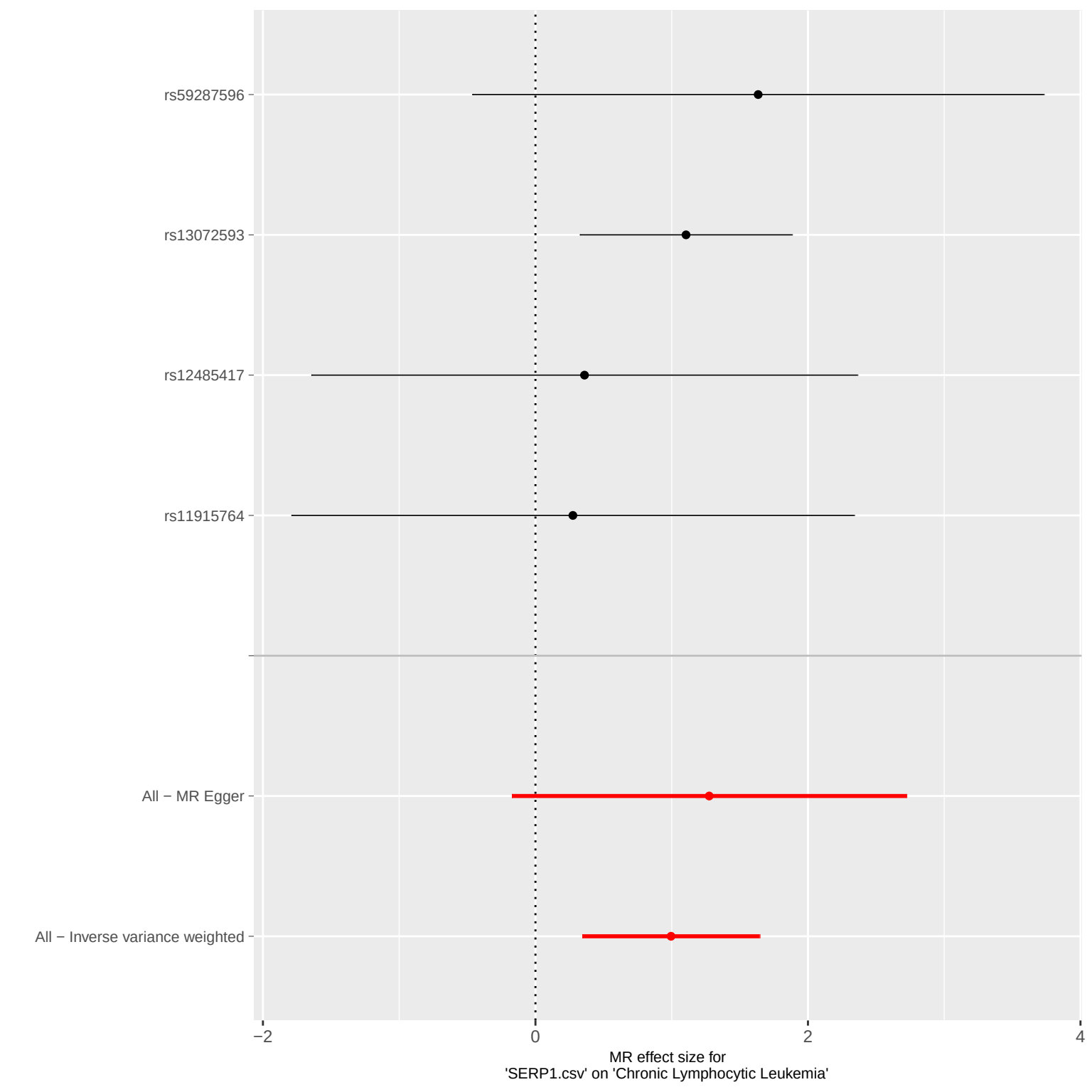
rs13167467
rs7712447
rs4704614
rs6868653
rs6882754
rs146569951
rs377824
rs6873320
rs147804141
rs2434289
rs34432044
rs6453507
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SERINC5.csv' on 'Chronic Lymphocytic Leukemia'


rs59287596
rs13072593
rs12485417
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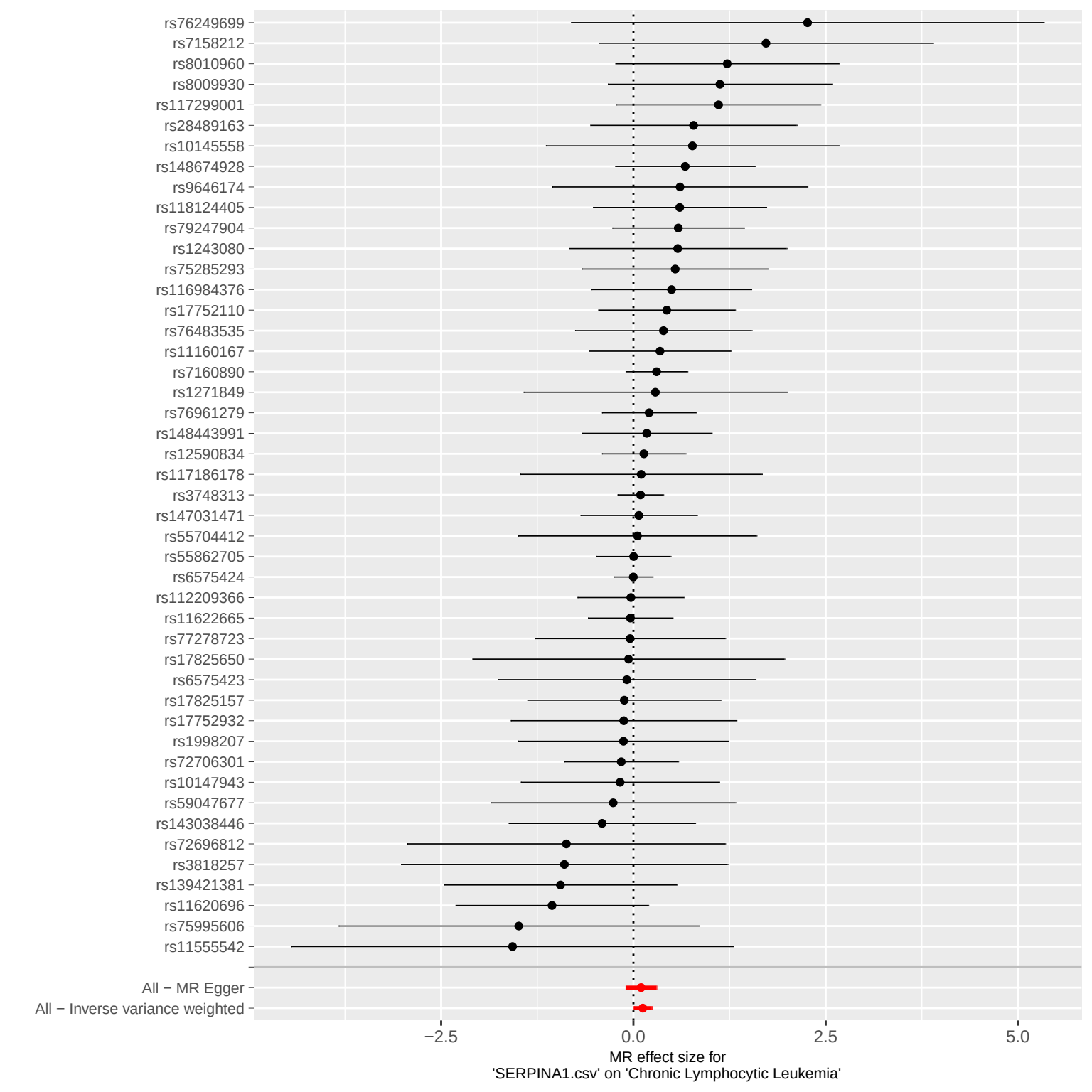
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SERP1.csv' on 'Chronic Lymphocytic Leukemia'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rs3748313
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rs55704412
rs55862705
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rs77278723
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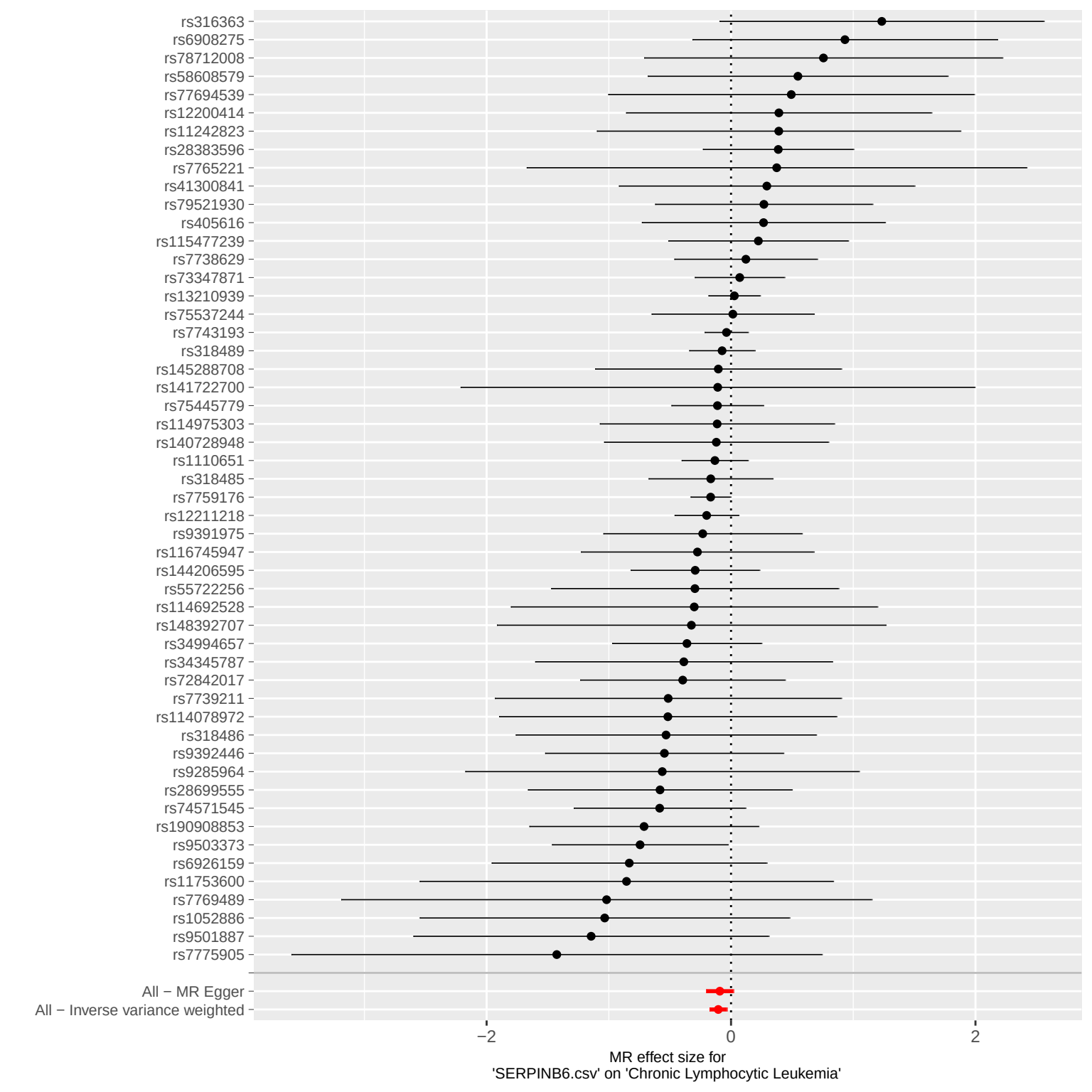
rs72706301
rs10147943
rs59047677
rs143038446
rs72696812
rs3818257
rs139421381
rs11620696
rs75995606
rs11555542
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SERPINA1.csv' on 'Chronic Lymphocytic Leukemia'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rs7738629
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rs13210939
rs75537244
rs7743193
rs318489
rs145288708
rs141722700
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rs114975303
rs140728948
rs1110651
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rs28699555
rs74571545
rs190908853
rs9503373
rs6926159
rs11753600
rs7769489
rs1052886
rs9501887
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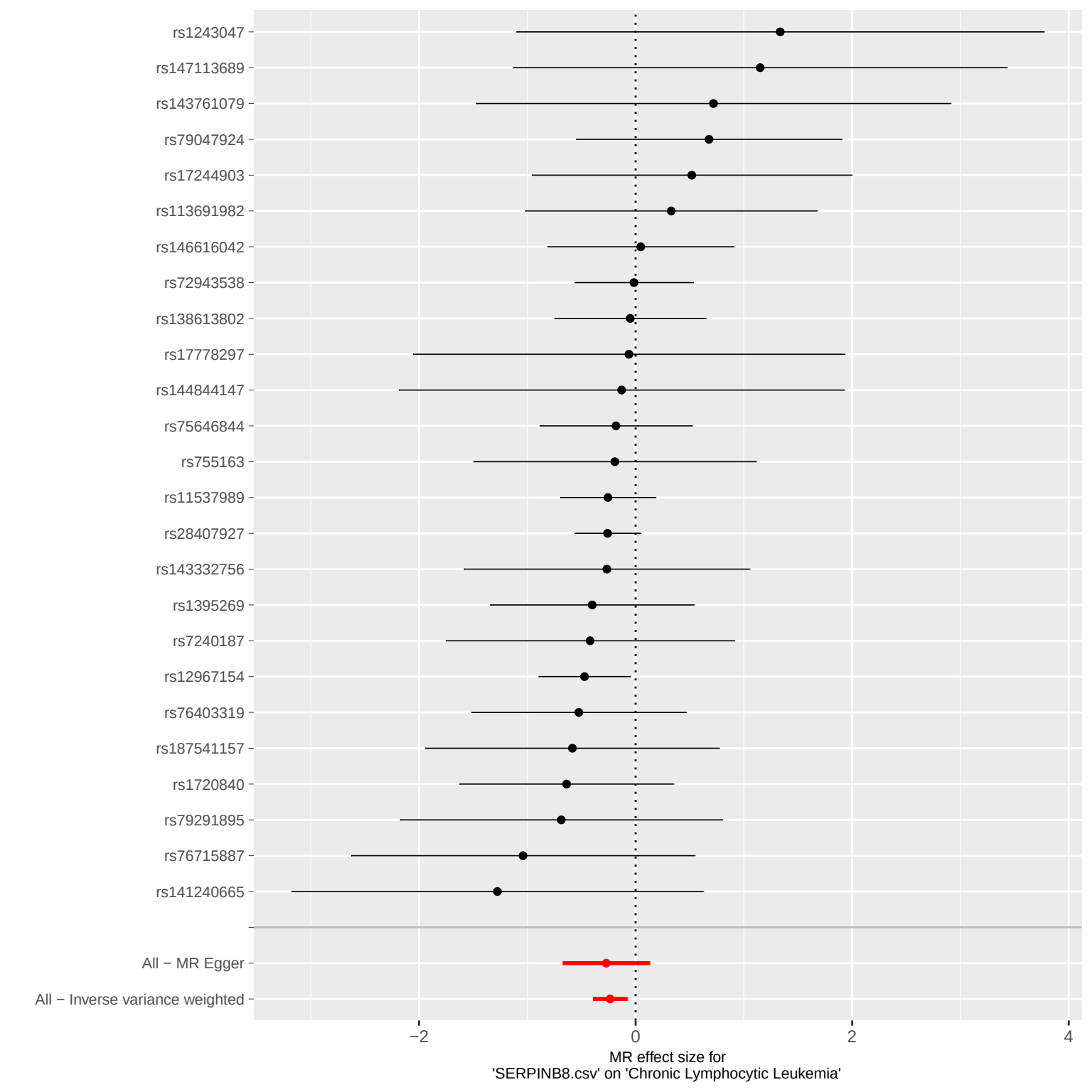
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SERPINB6.csv' on 'Chronic Lymphocytic Leukemia'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rs113691982
rs146616042
rs72943538
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rs17778297
rs144844147
rs75646844
rs755163
rs11537989
rs28407927
rs143332756
rs1395269
rs7240187
rs12967154
rs76403319
rs187541157
rs1720840
rs79291895
rs76715887
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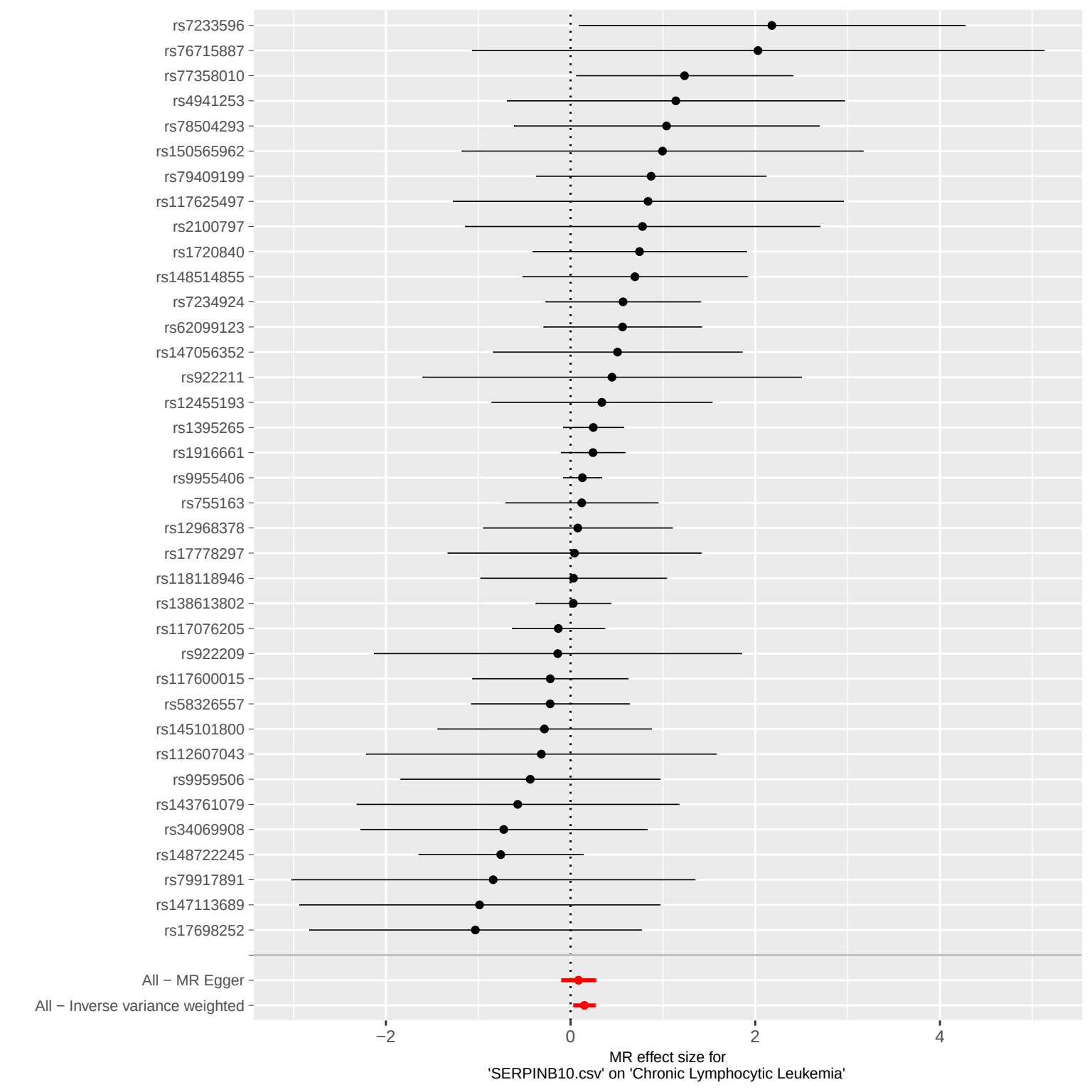
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SERPINB8.csv' on 'Chronic Lymphocytic Leukemia'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rs145101800
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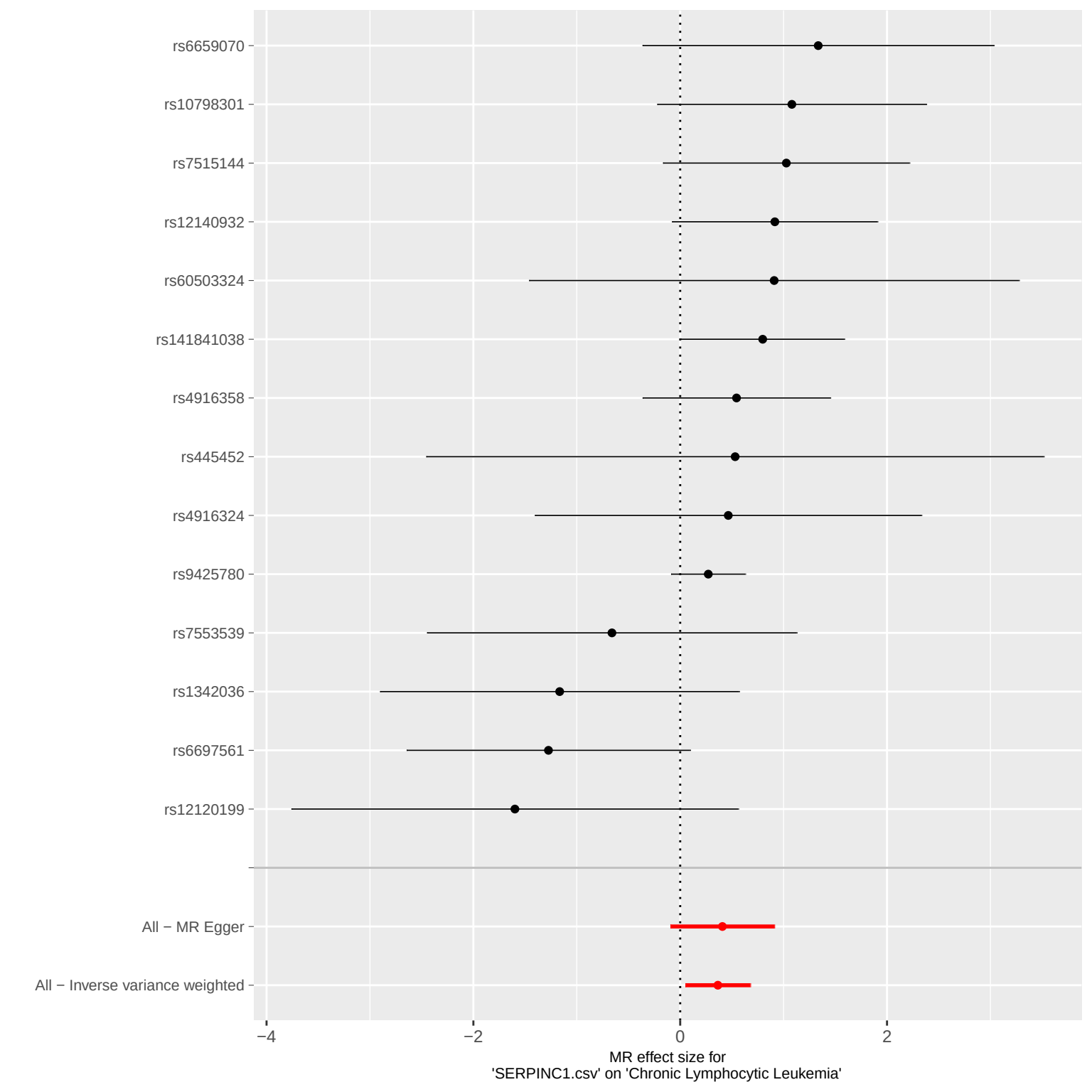
rs9959506
rs143761079
rs34069908
rs148722245
rs79917891
rs147113689
rs17698252
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SERPINB10.csv' on 'Chronic Lymphocytic Leukemia'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rs141841038
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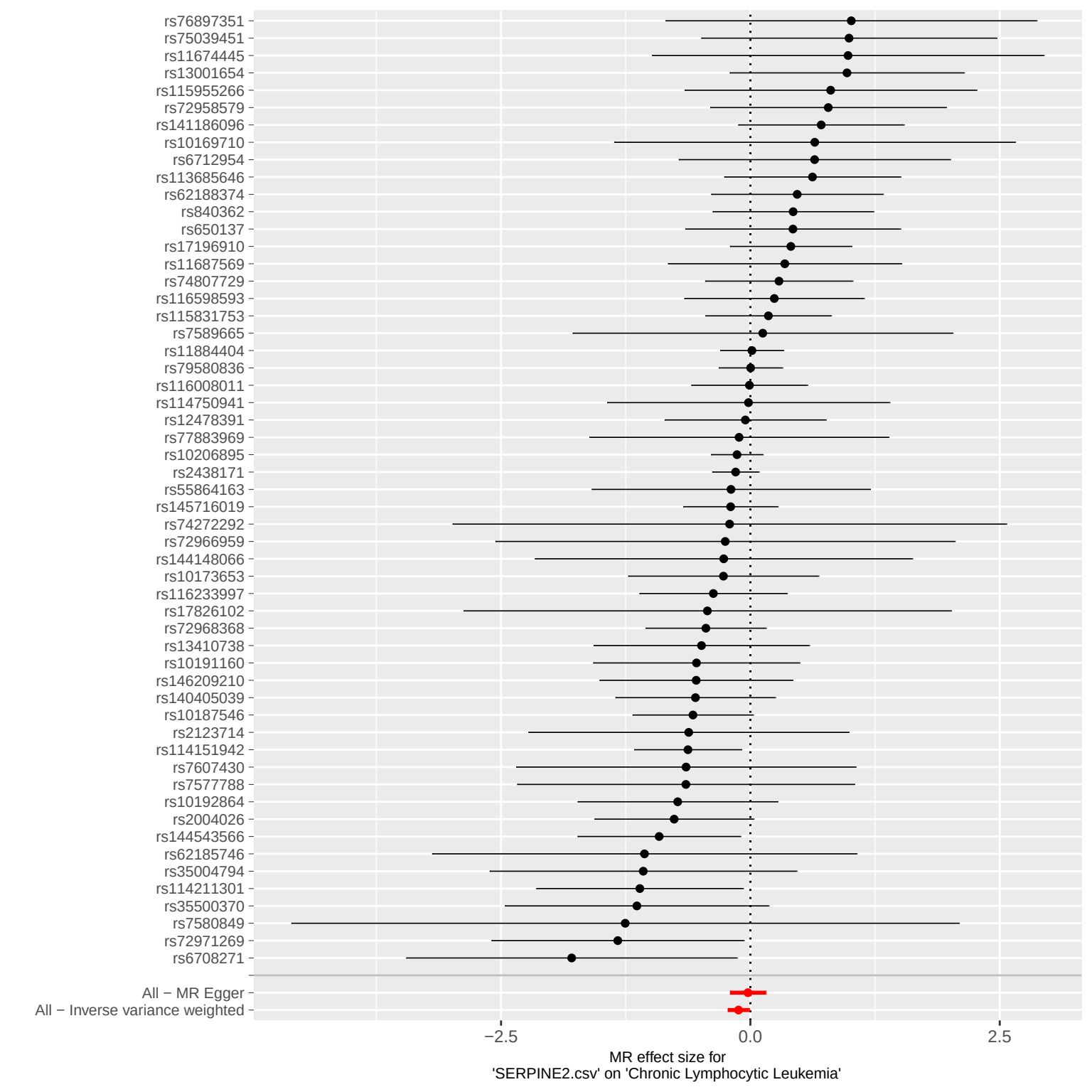
rs7553539
rs1342036
rs6697561
rs12120199
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SERPINC1.csv' on 'Chronic Lymphocytic Leukemia'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rs72966959
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rs2123714
rs114151942
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rs7577788
rs10192864
rs2004026
rs144543566
rs62185746
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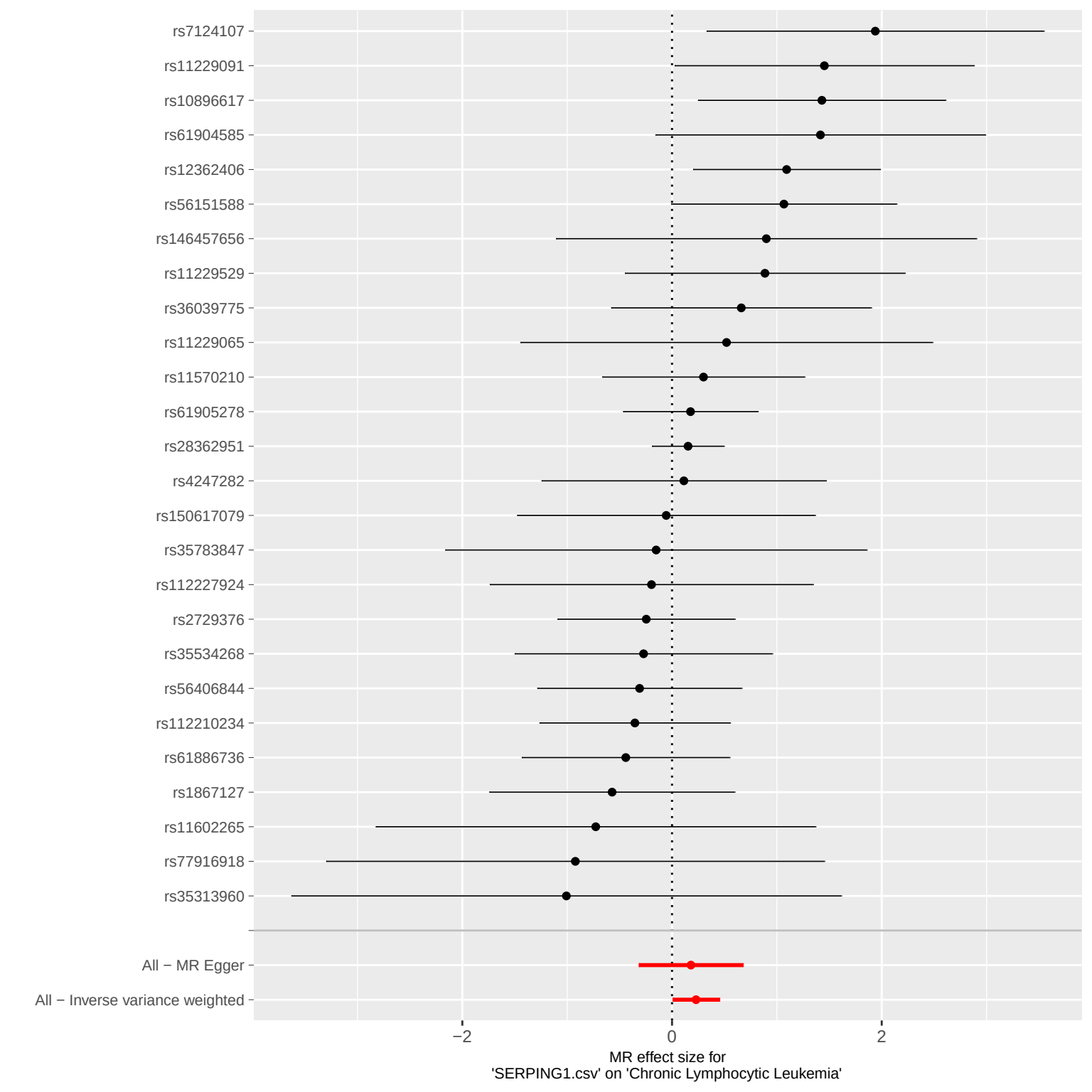
rs114211301
rs35500370
rs7580849
rs72971269
rs6708271
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'SERPINE2.csv' on 'Chronic Lymphocytic Leukemia'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rs150617079
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rs112227924
rs2729376
rs35534268
rs56406844
rs112210234
rs61886736
rs1867127
rs11602265
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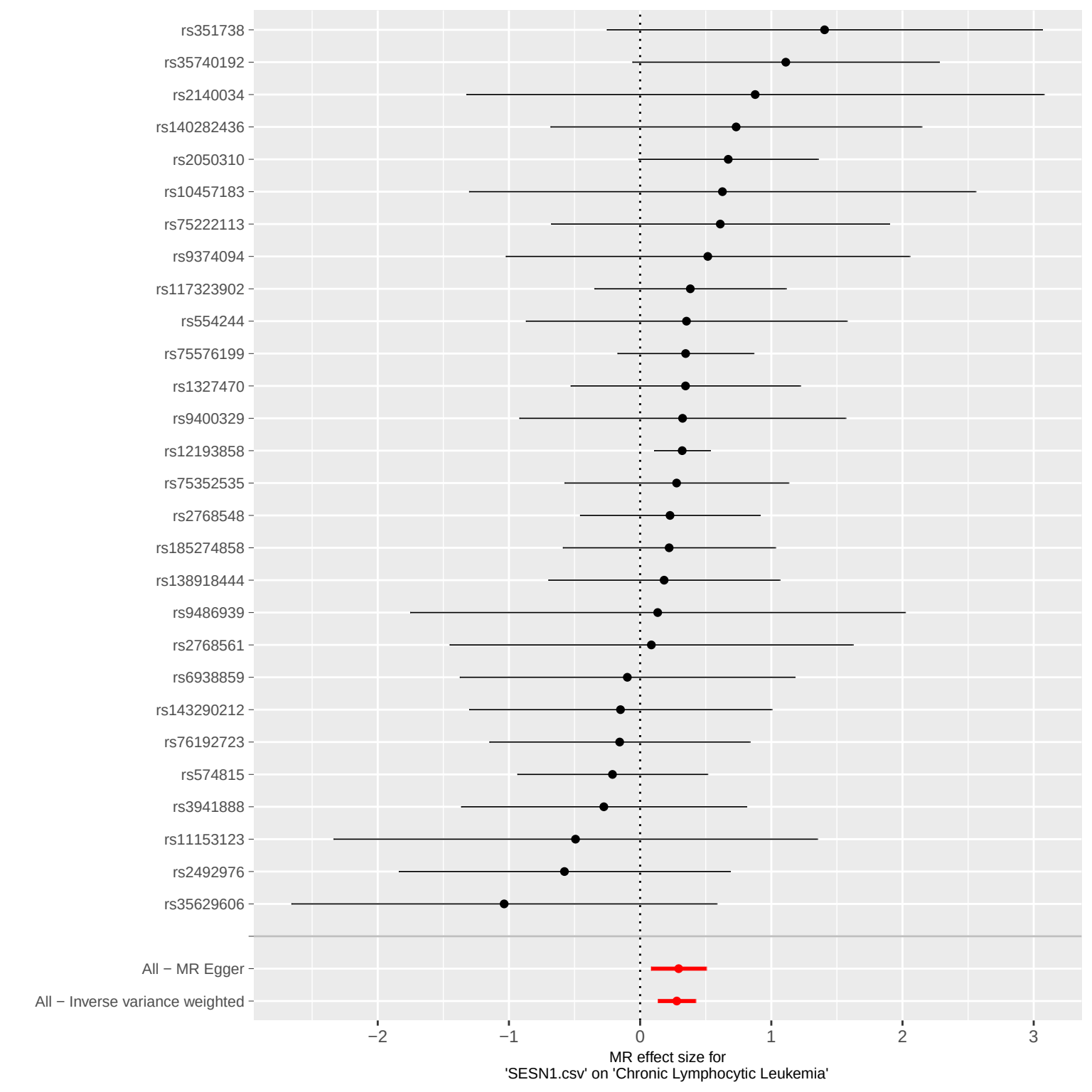
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SERPING1.csv' on 'Chronic Lymphocytic Leukemia'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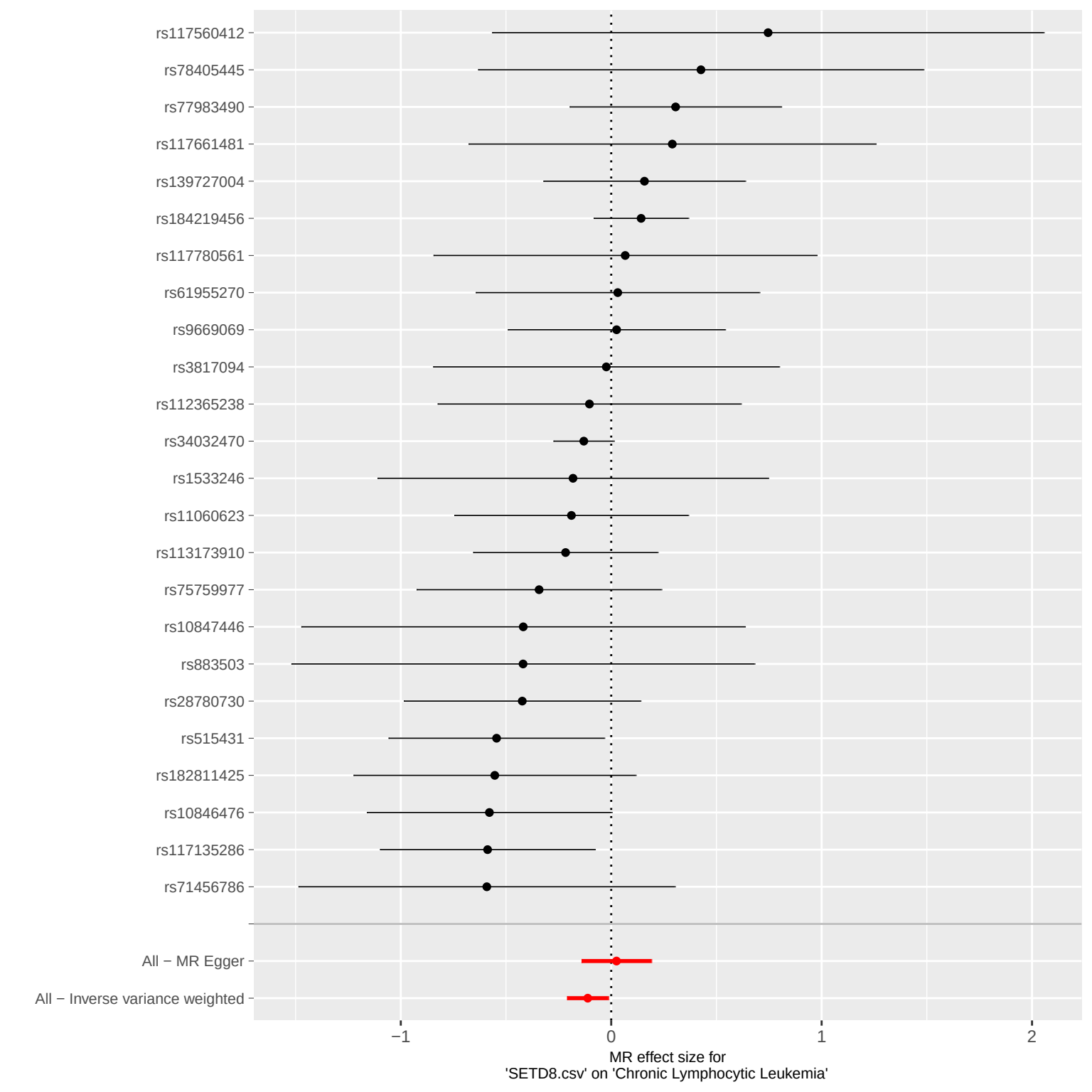
rs2768561
rs6938859
rs143290212
rs76192723
rs574815
rs3941888
rs11153123
rs2492976
rs35629606
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'SESN1.csv' on 'Chronic Lymphocytic Leukemia'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rs112365238
rs34032470
rs1533246
rs11060623
rs113173910
rs75759977
rs10847446
rs883503
rs28780730
rs515431
rs182811425
rs10846476
rs117135286
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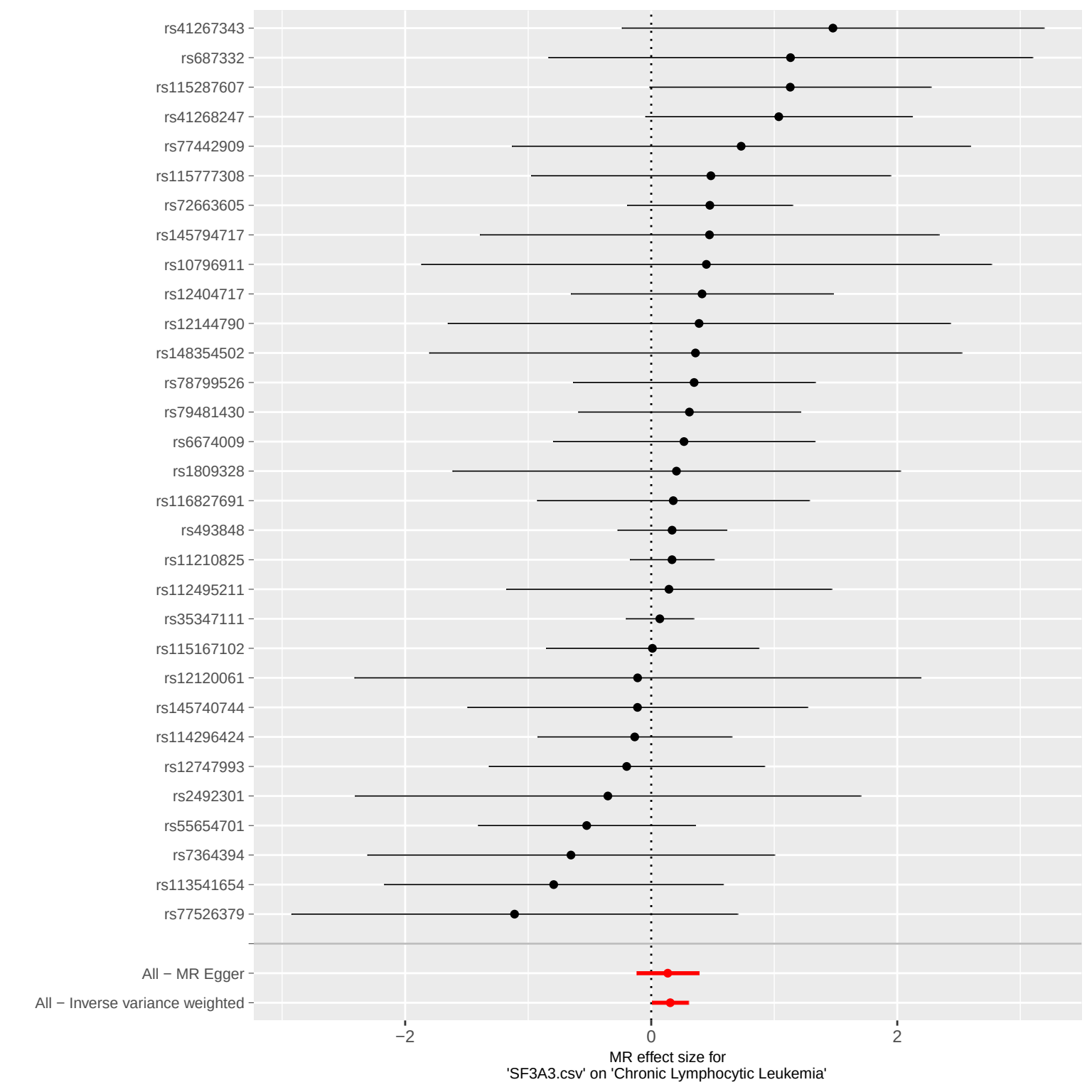
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'SETD8.csv' on 'Chronic Lymphocytic Leukemia'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rs493848
rs11210825
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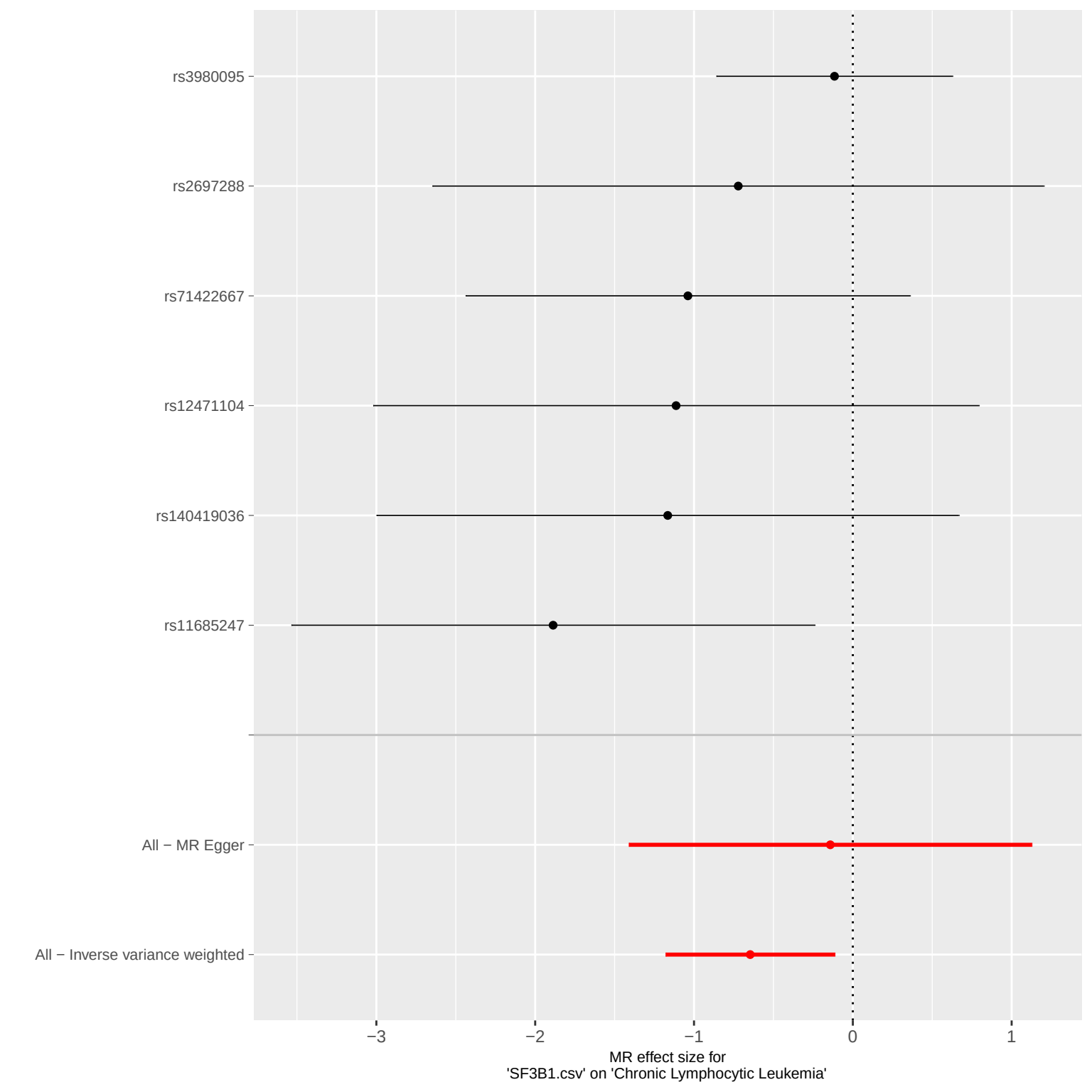
rs35347111
rs115167102
rs12120061
rs145740744
rs114296424
rs12747993
rs2492301
rs55654701
rs7364394
rs113541654
rs77526379
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SF3A3.csv' on 'Chronic Lymphocytic Leukemia'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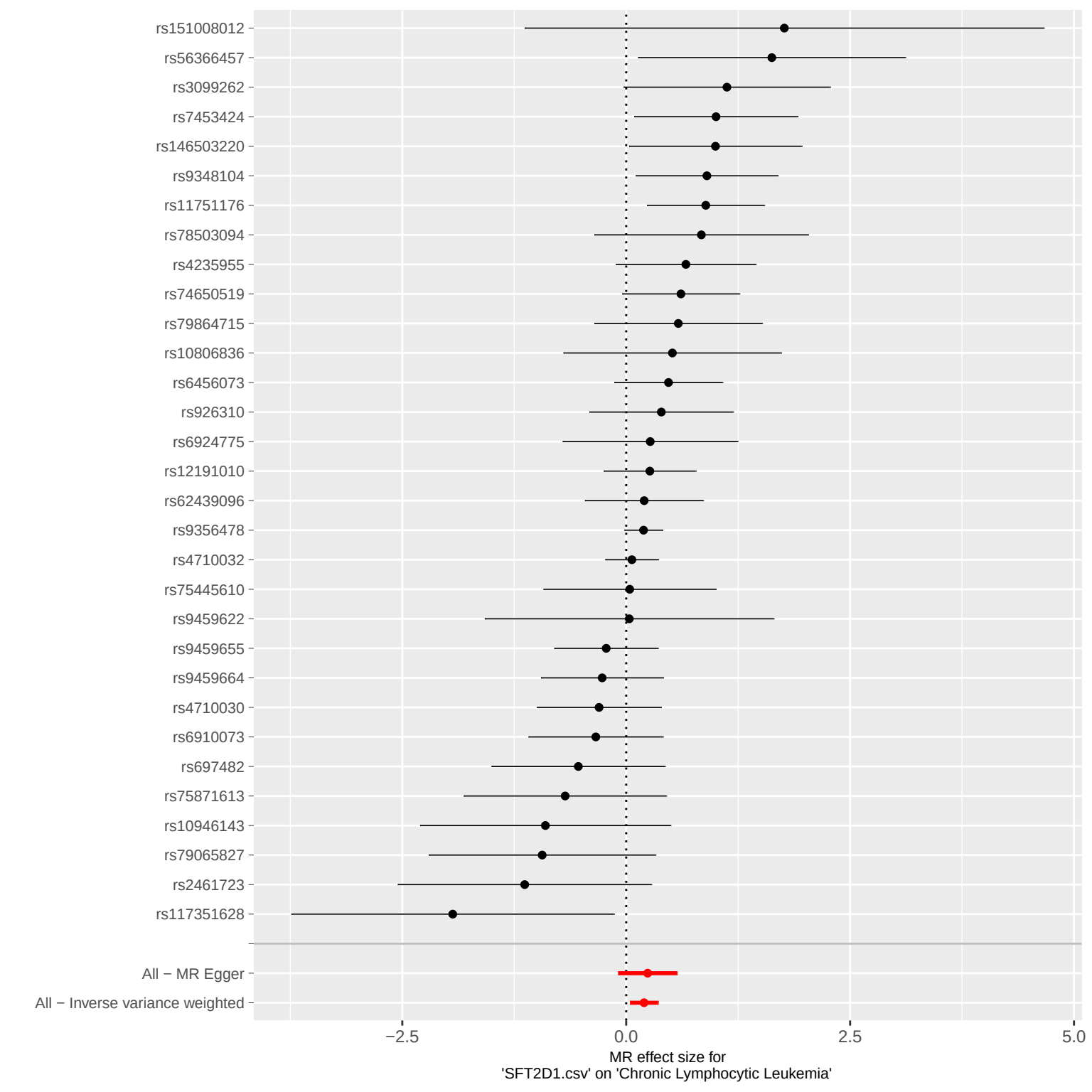
rs2697288
rs71422667
rs12471104
rs140419036
rs11685247
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'SF3B1.csv' on 'Chronic Lymphocytic Leukemia'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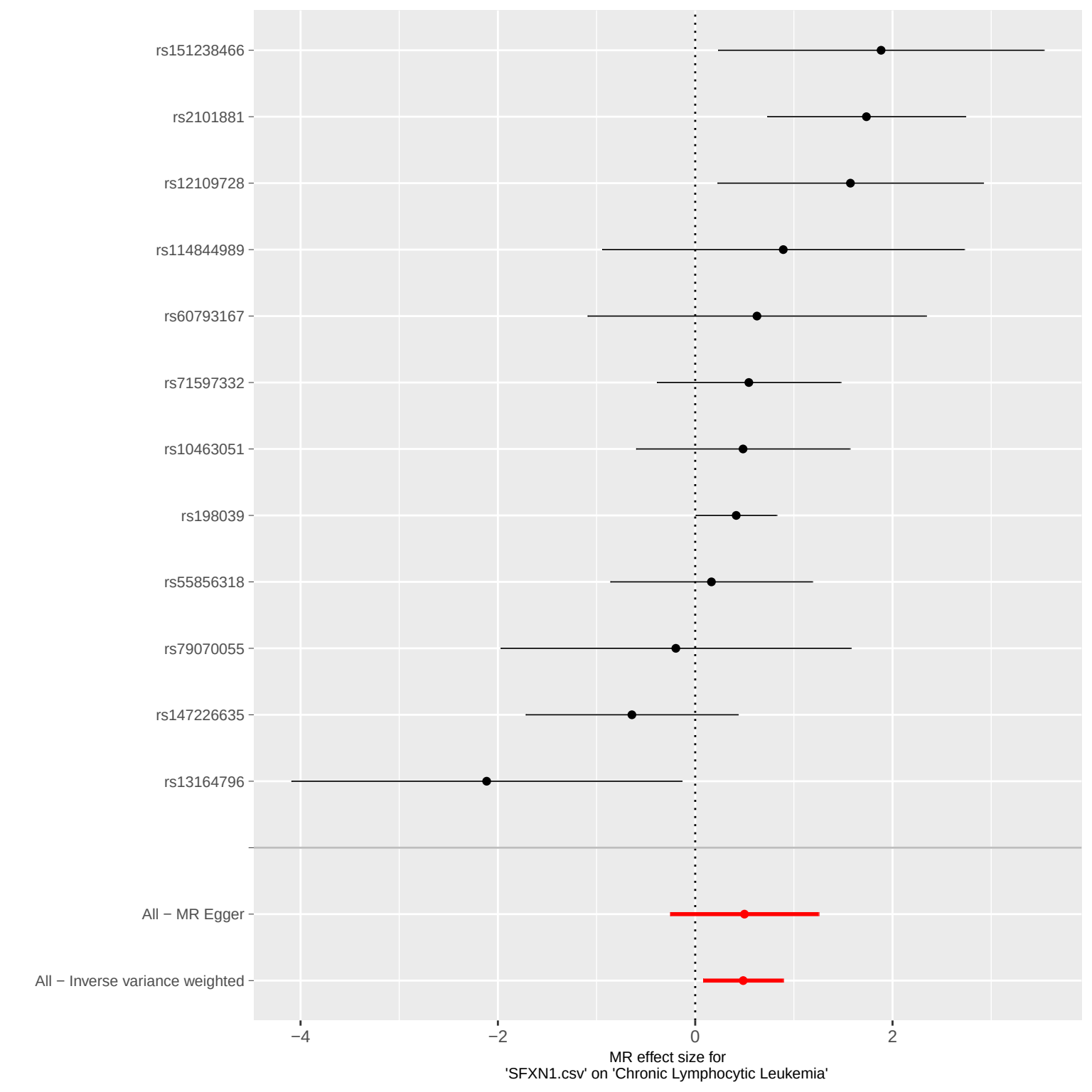
rs10946143
rs79065827
rs2461723
rs117351628
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SFT2D1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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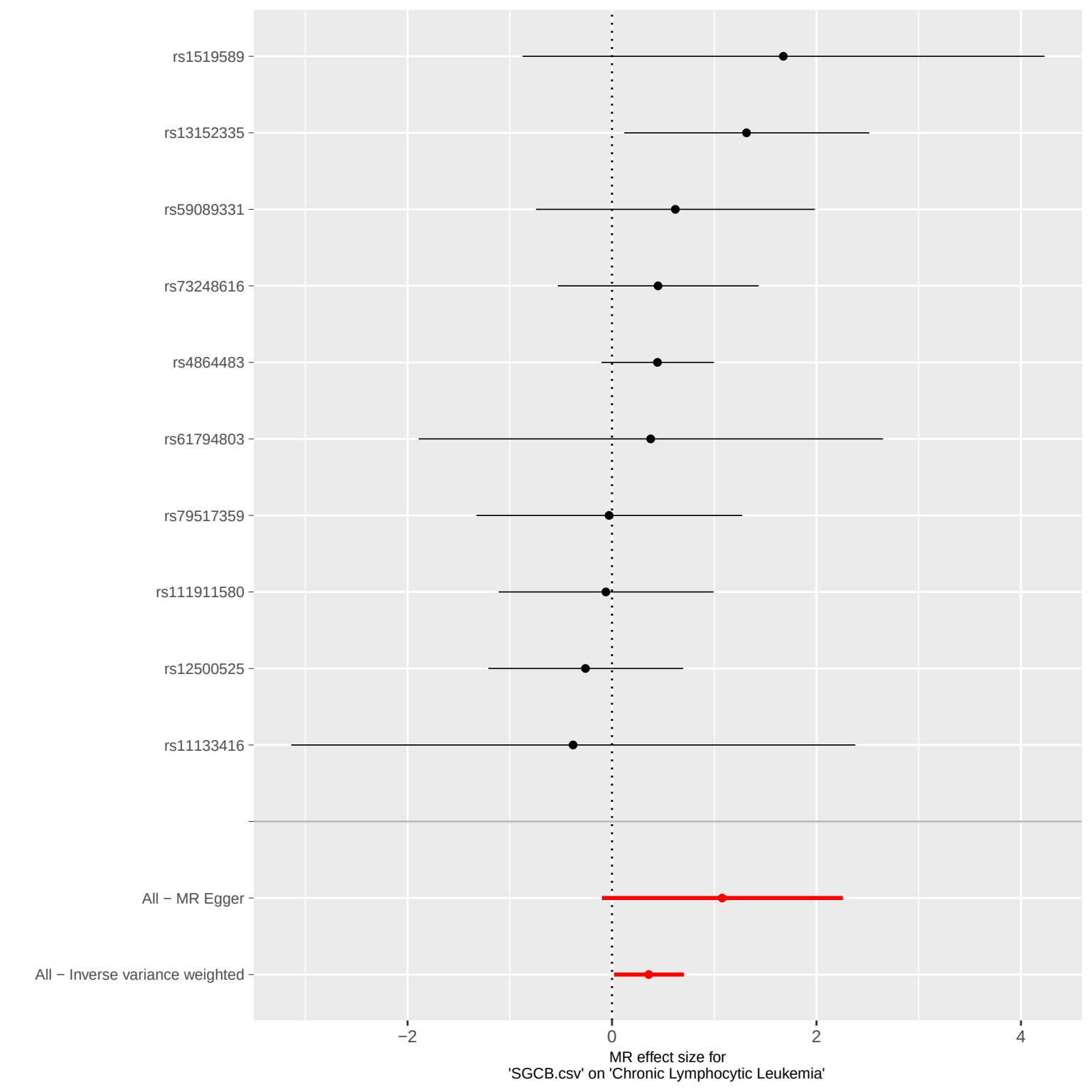
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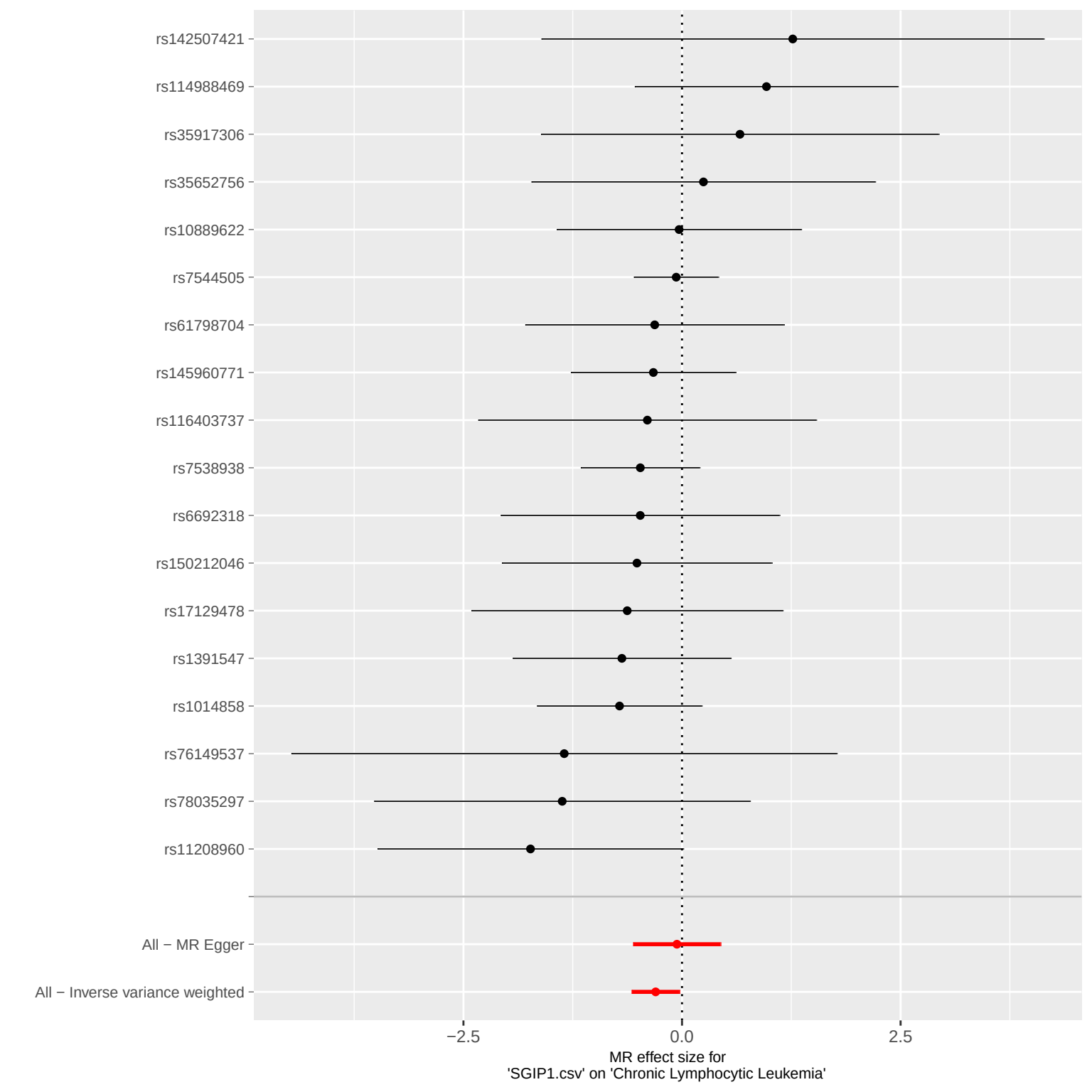
MR effect size for
'SGCB.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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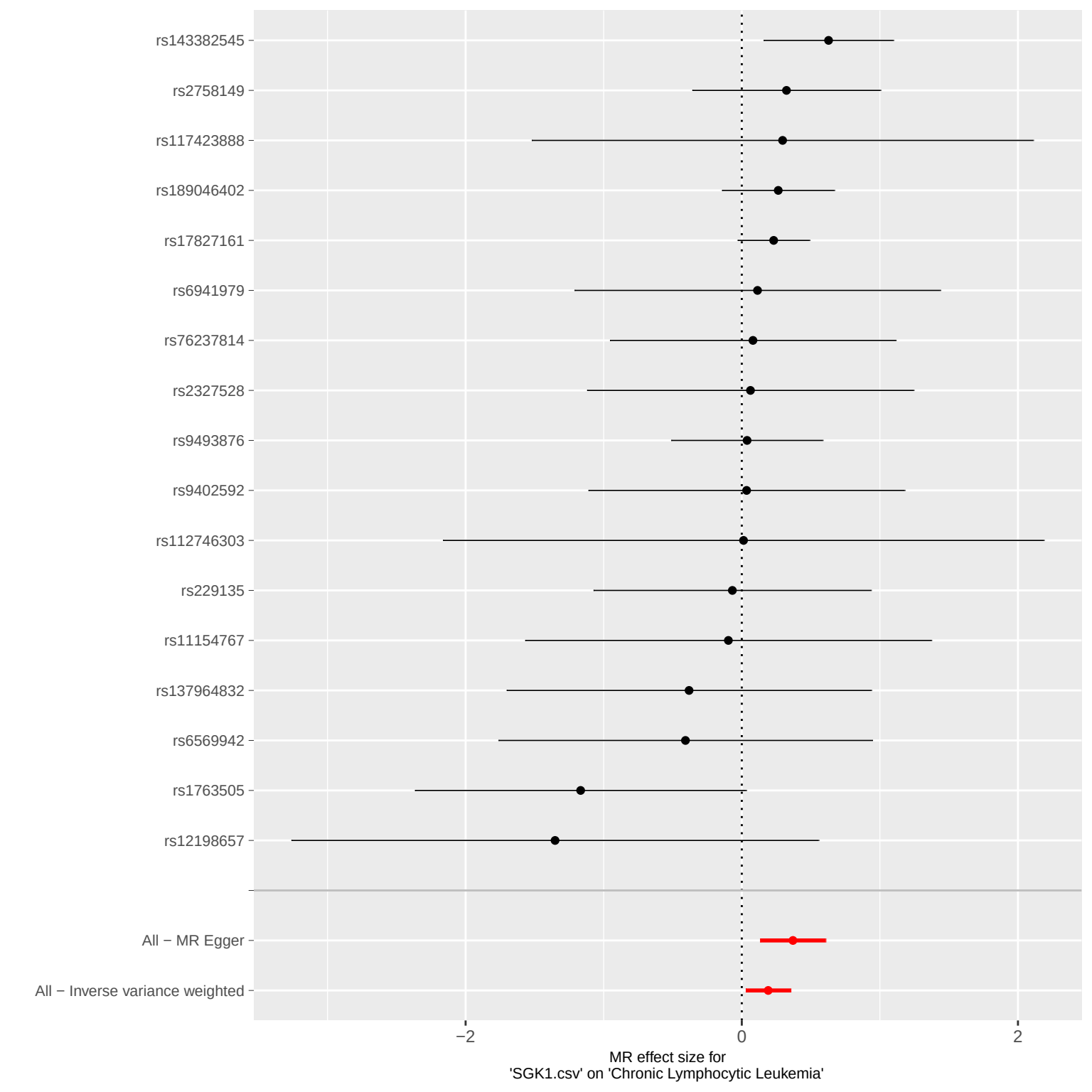
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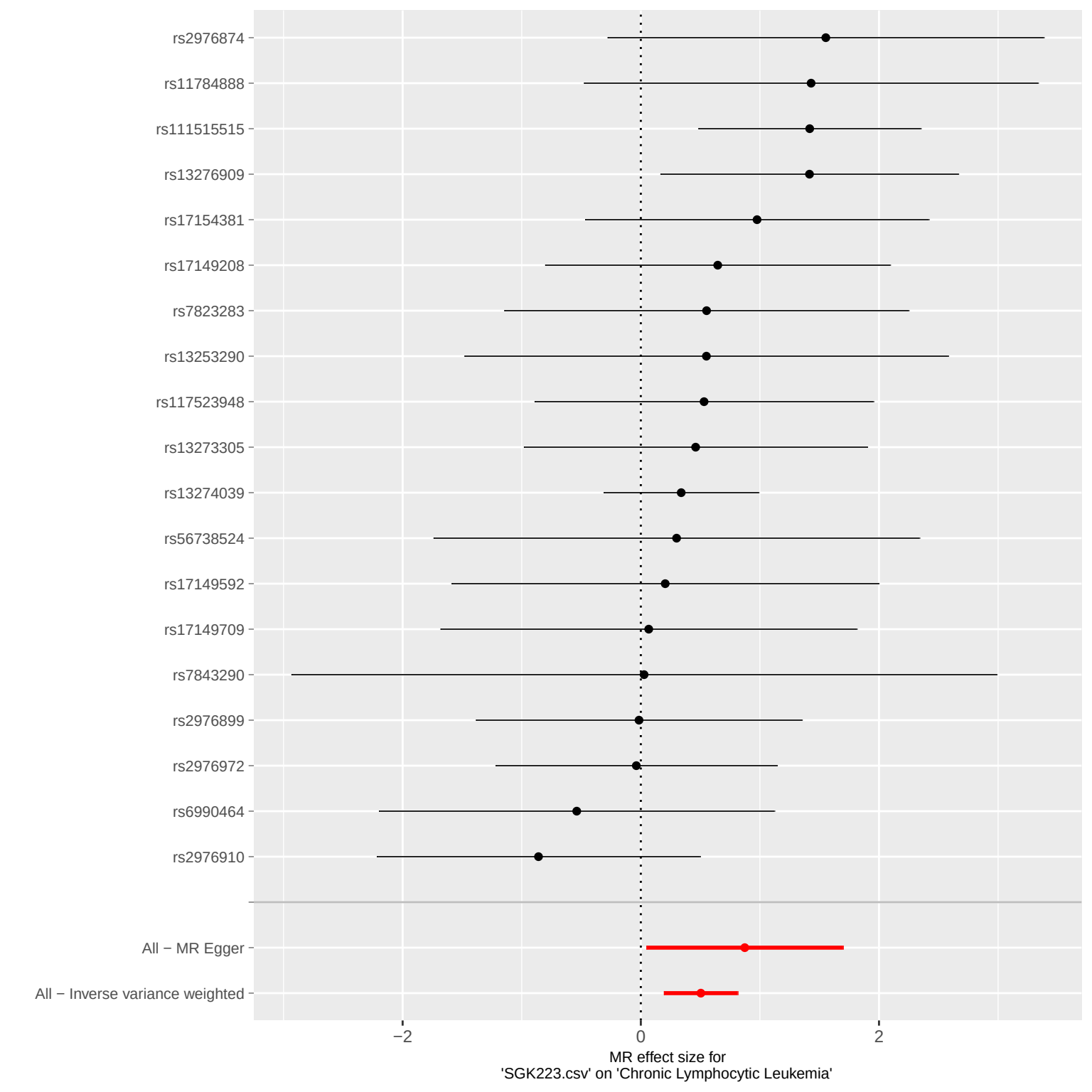
MR effect size for
'SGK1.csv' on 'Chronic Lymphocytic Leukemia'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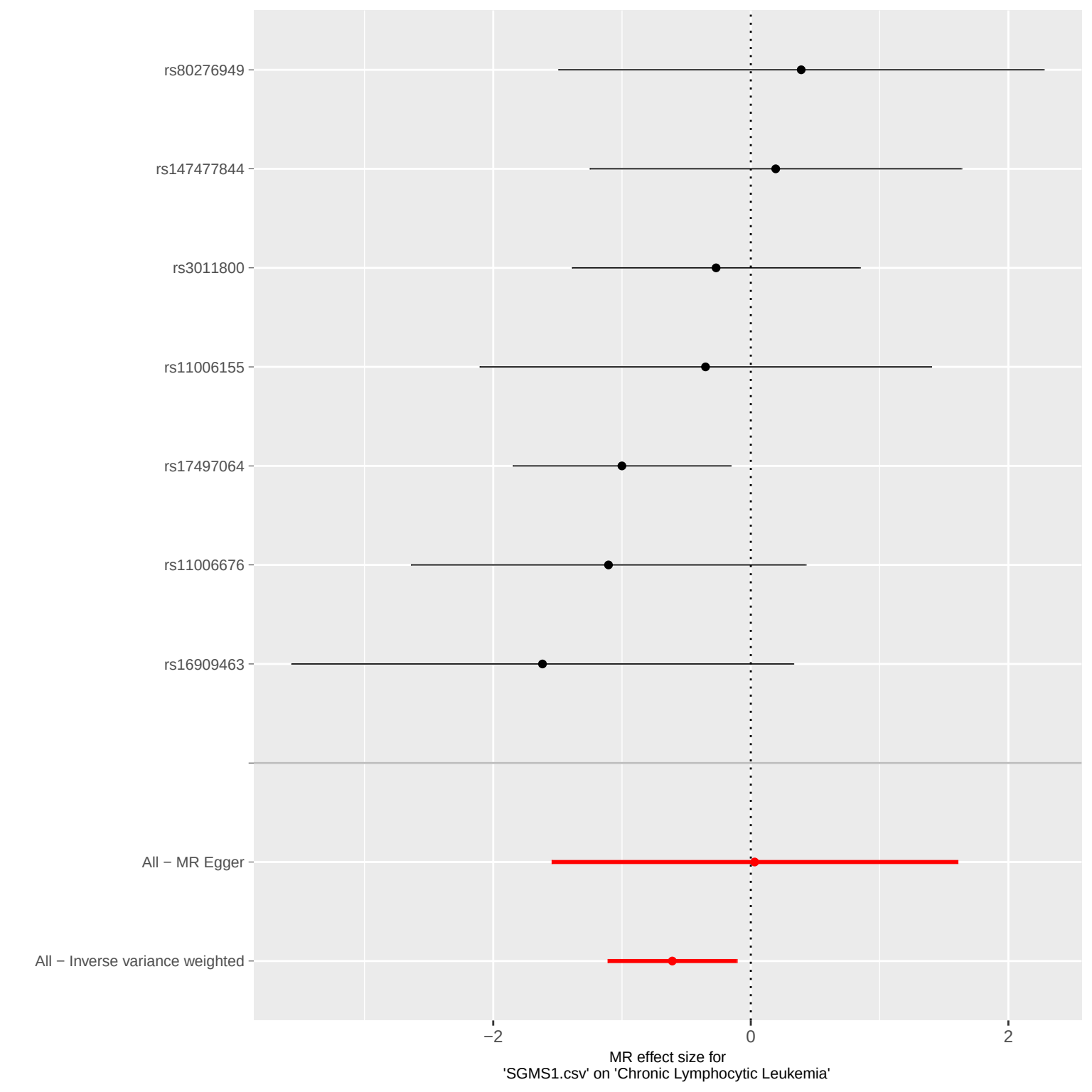
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MR effect size for
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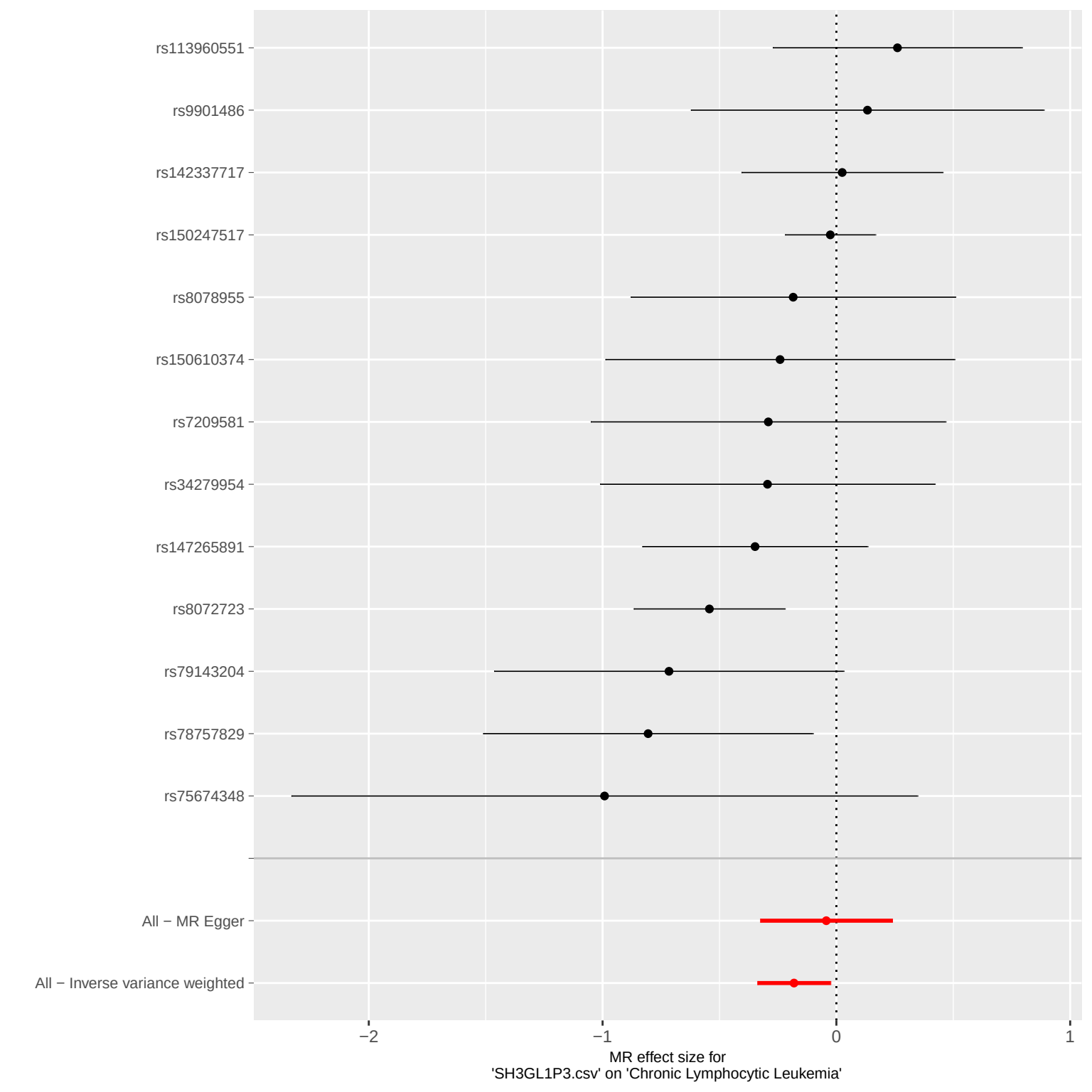
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MR effect size for
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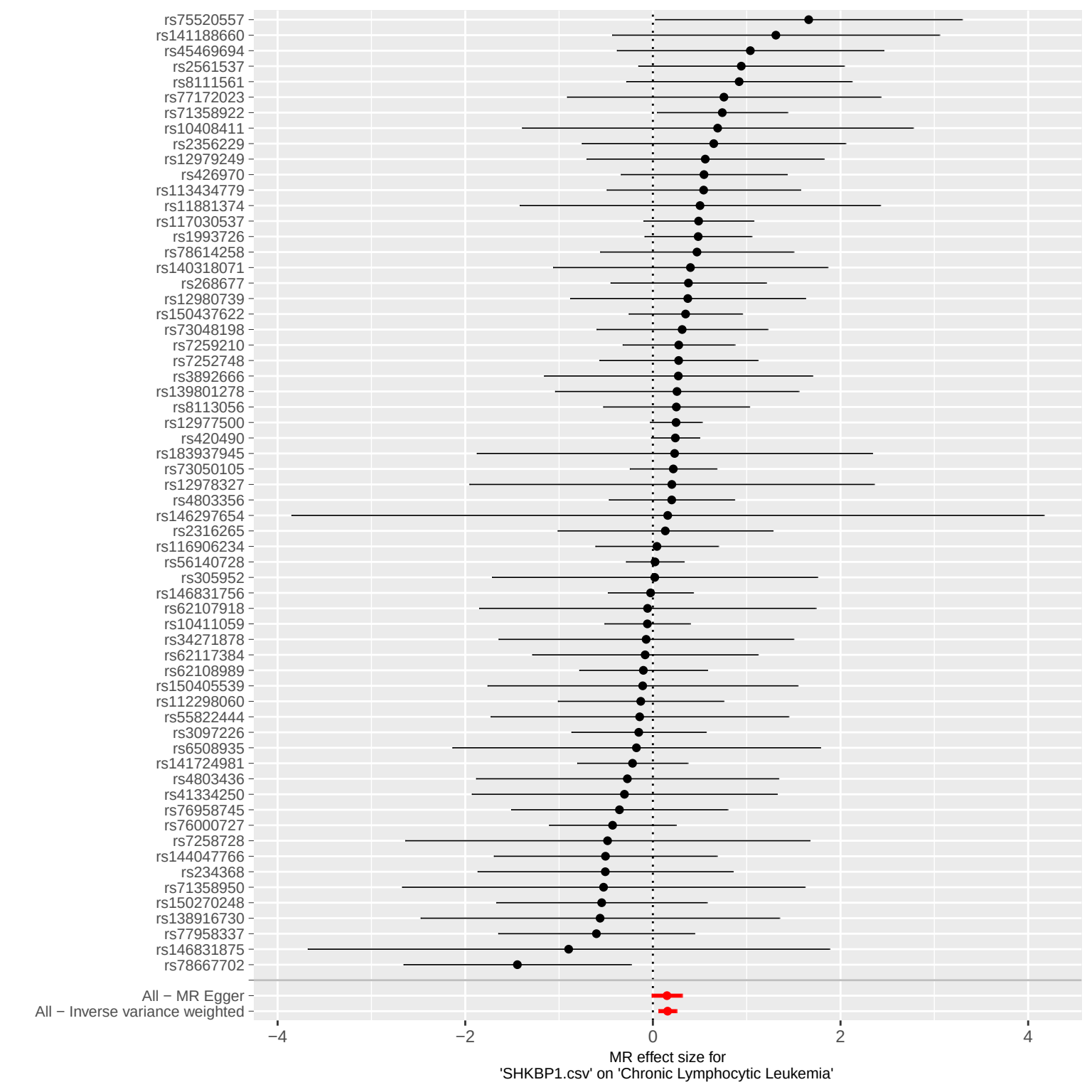
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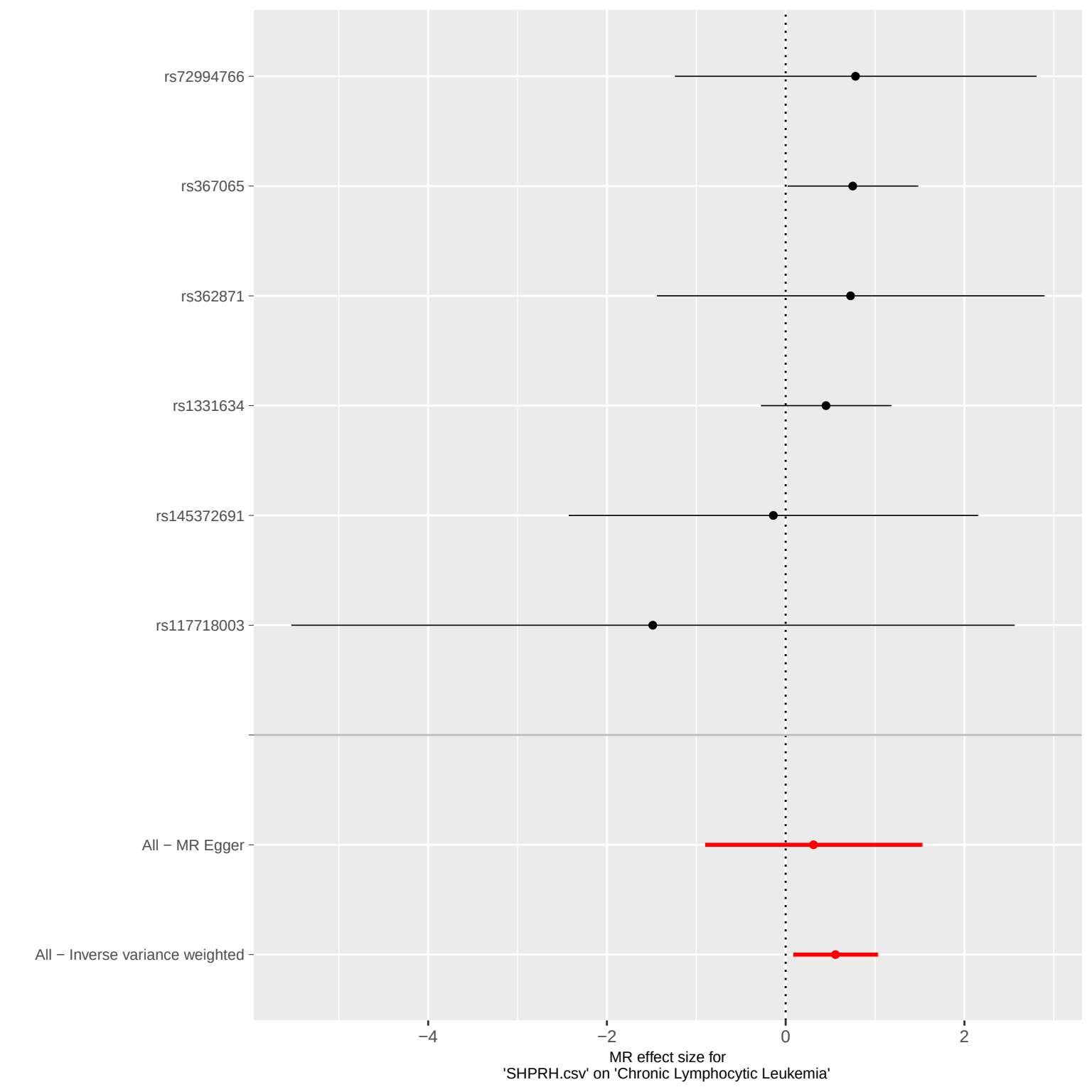
MR effect size for
'SHKBP1.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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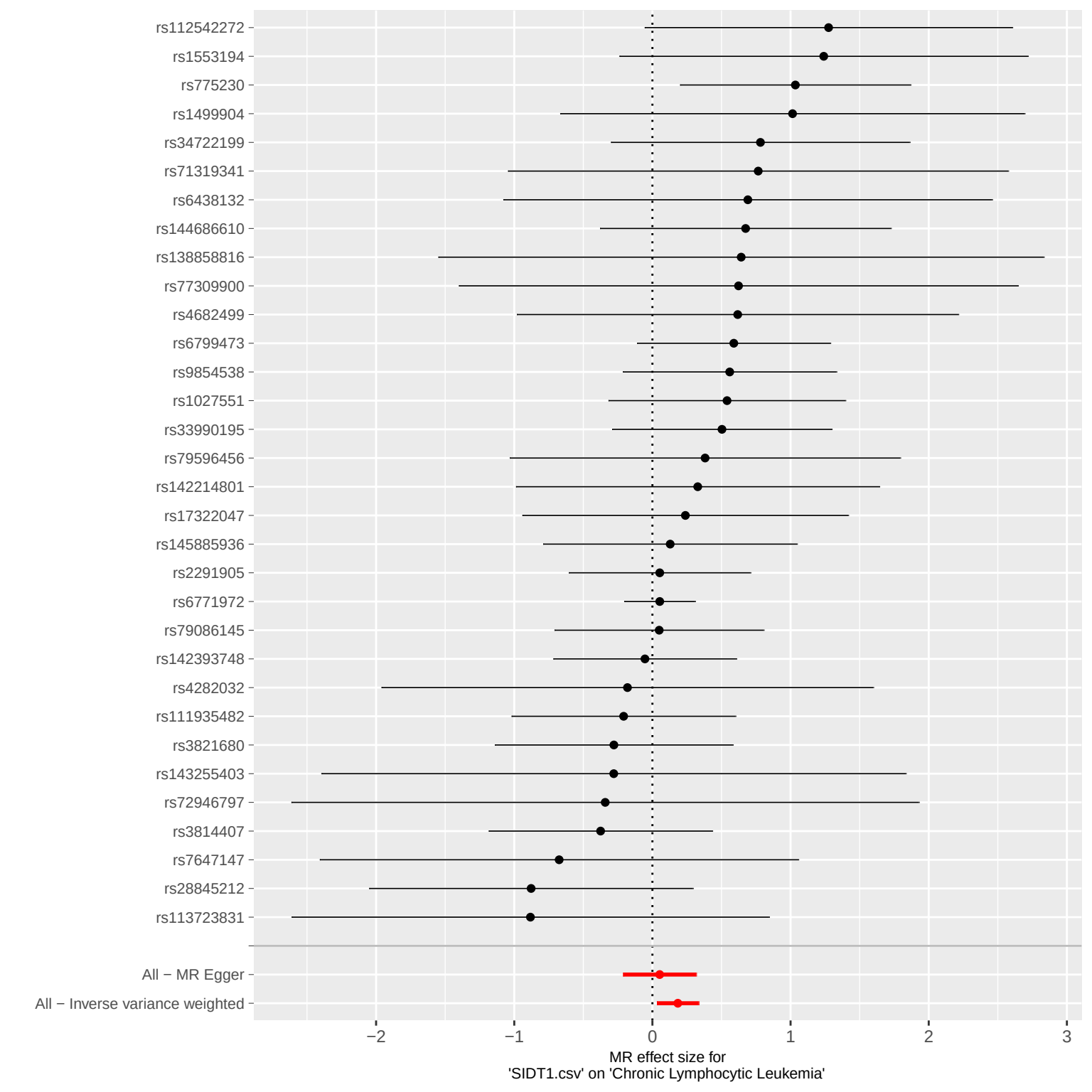
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MR effect size for
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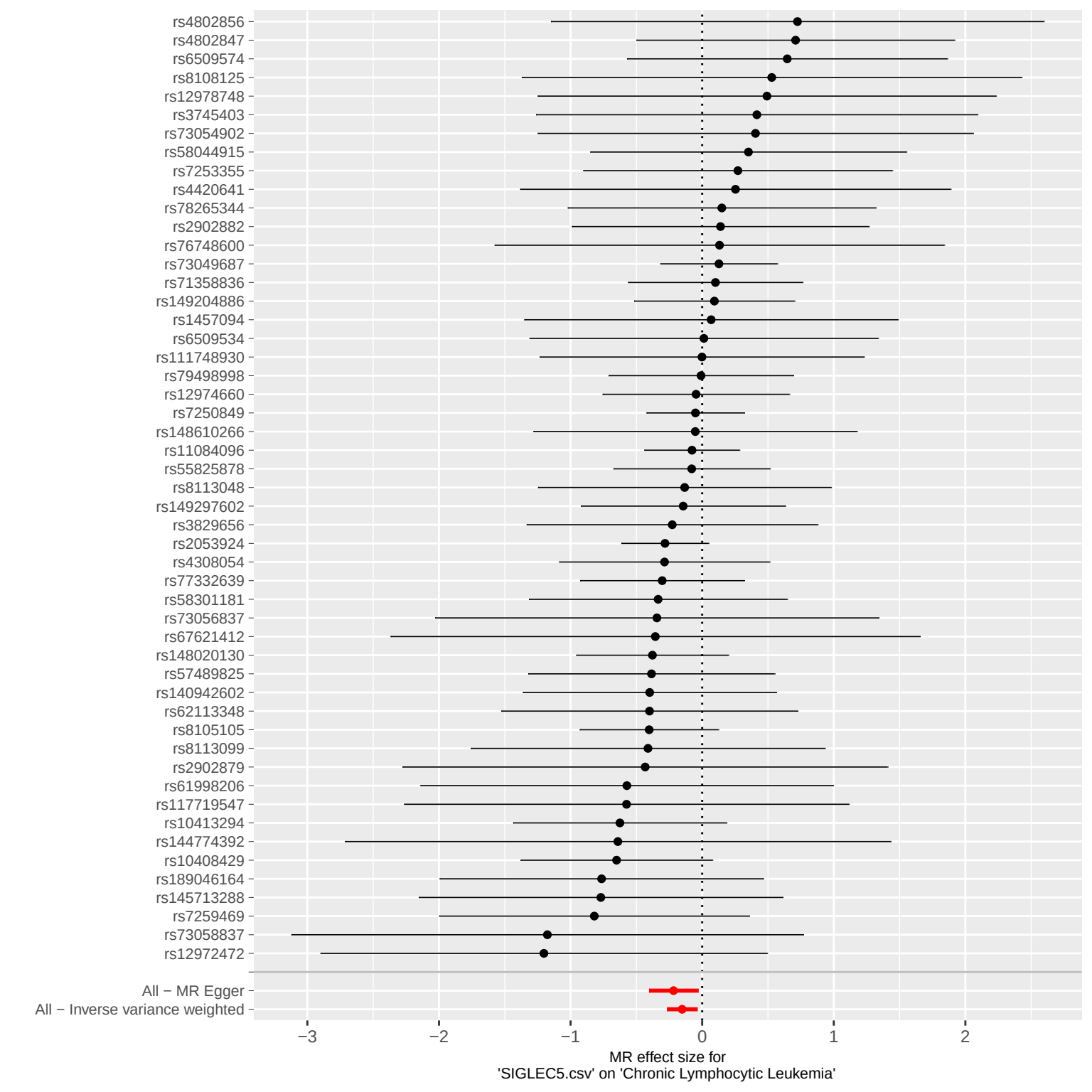
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All − Inverse variance weighted
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MR effect size for
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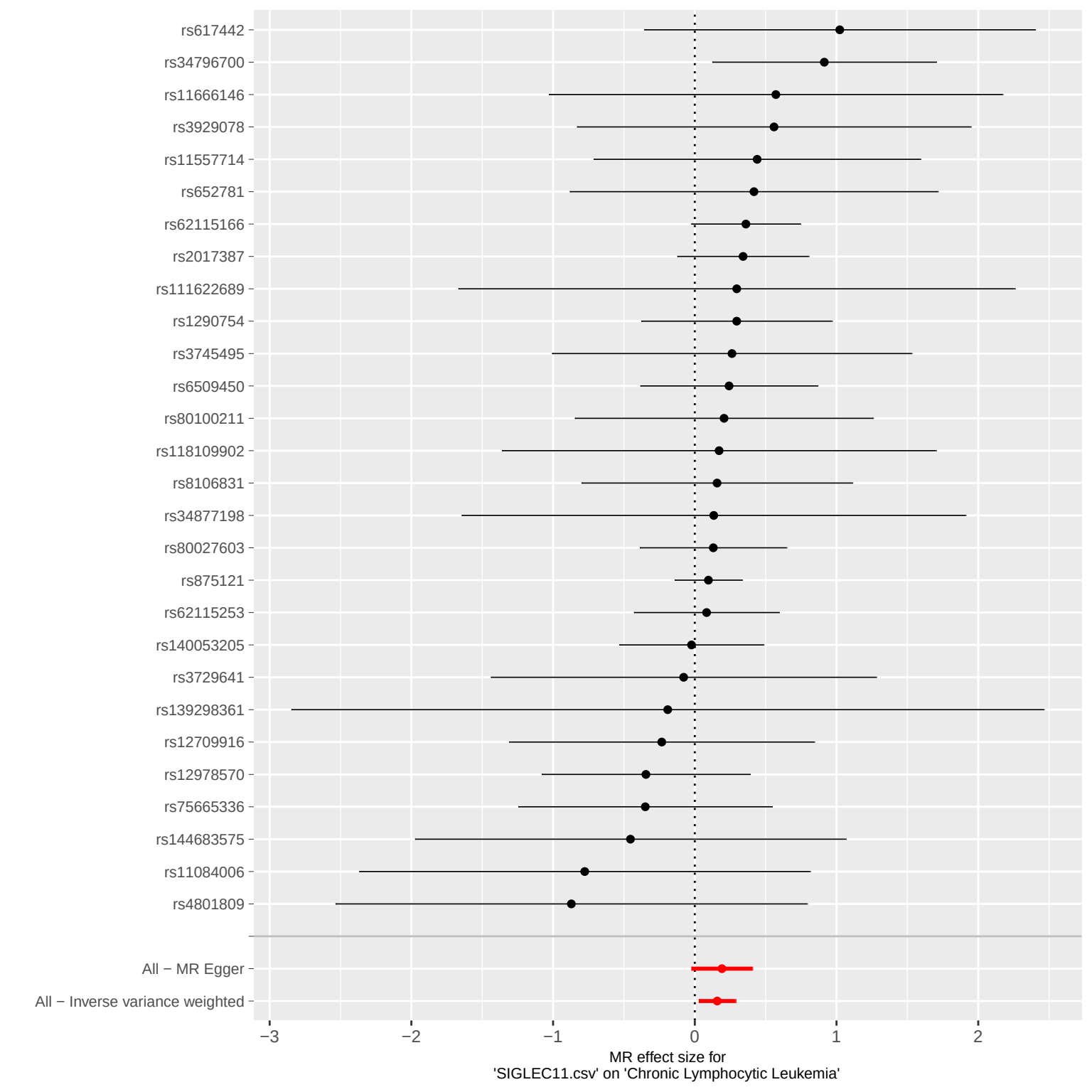
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All − MR Egger
All − Inverse variance weighted
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−2
−1
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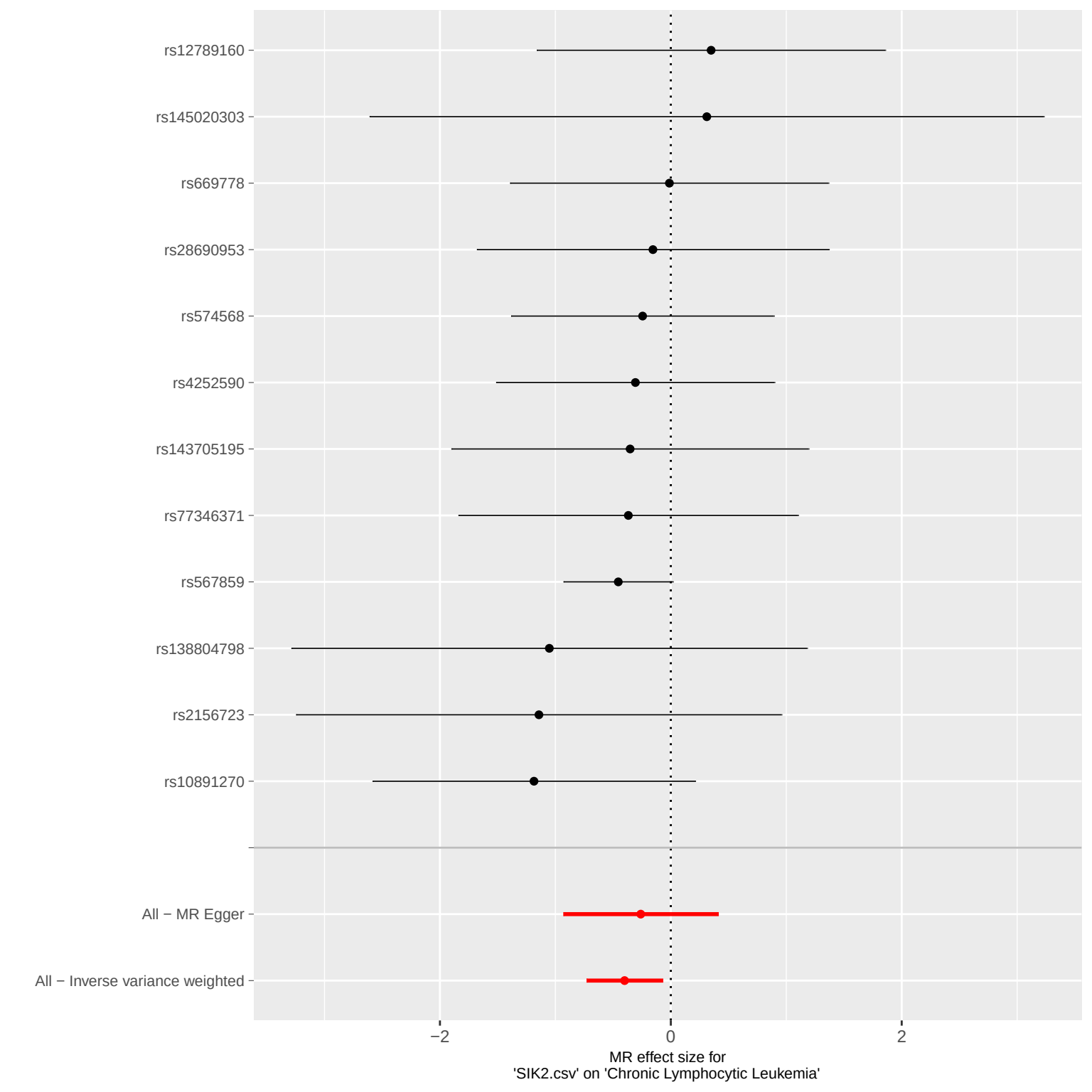
MR effect size for
'SIGLEC11.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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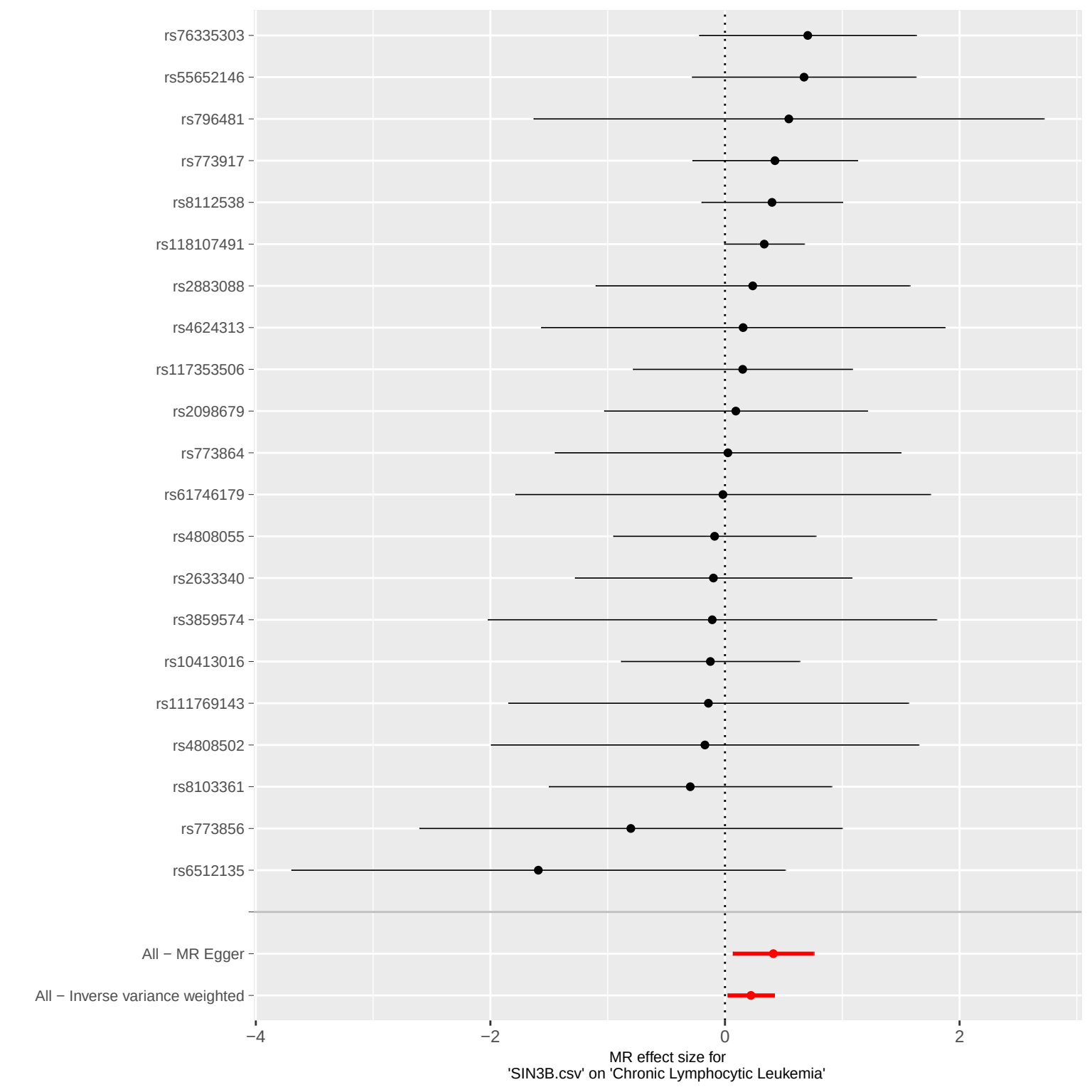
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−2
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MR effect size for
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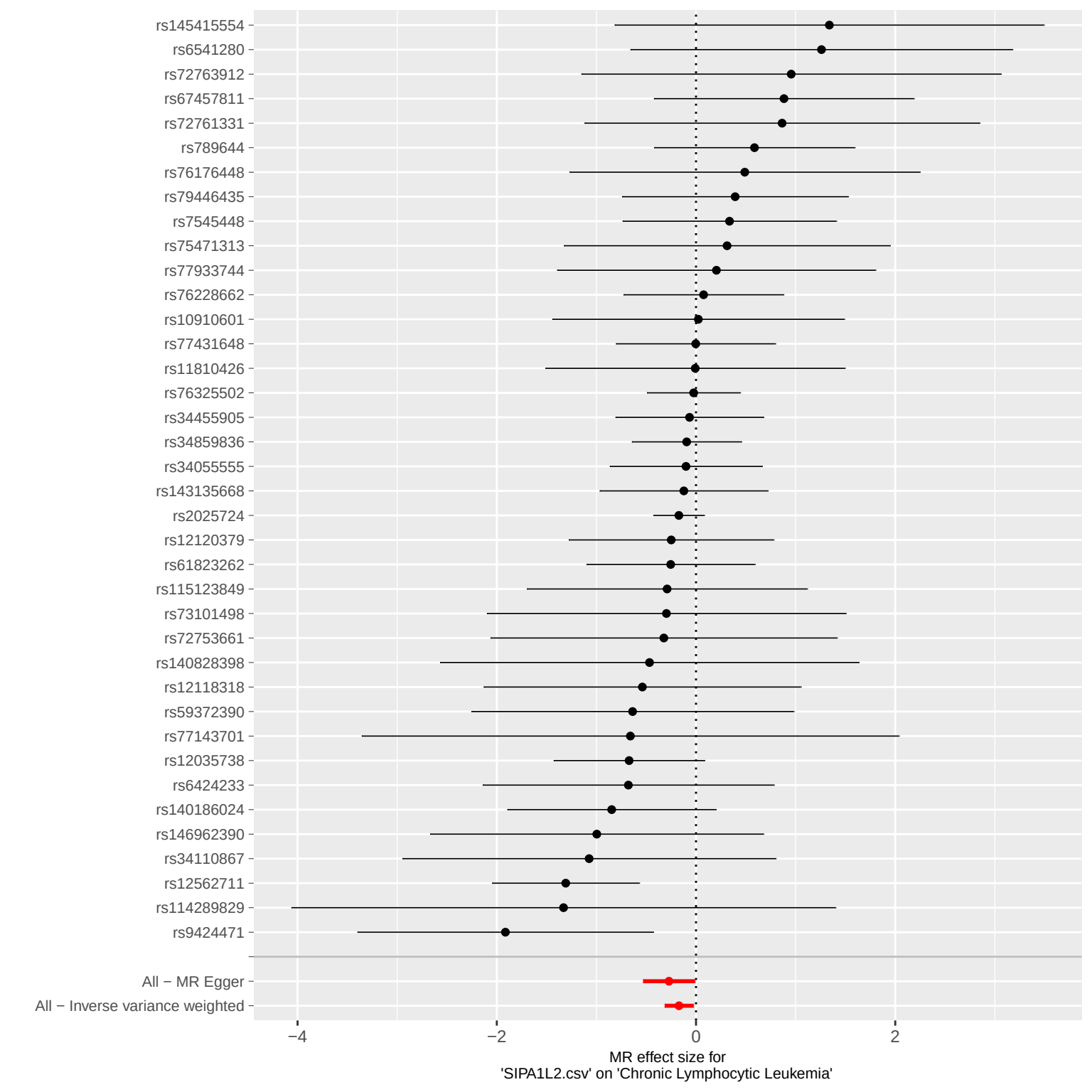
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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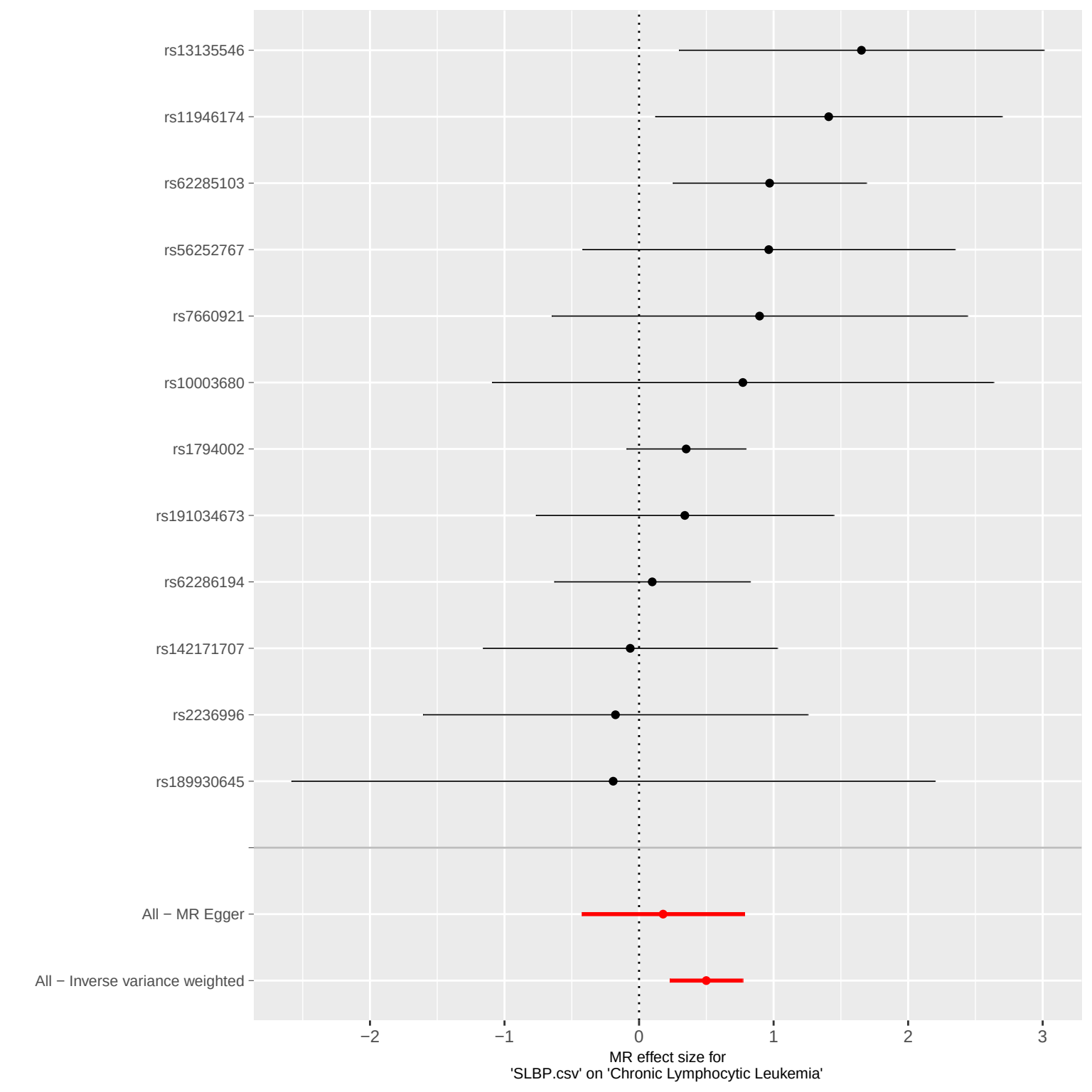
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All − Inverse variance weighted
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MR effect size for
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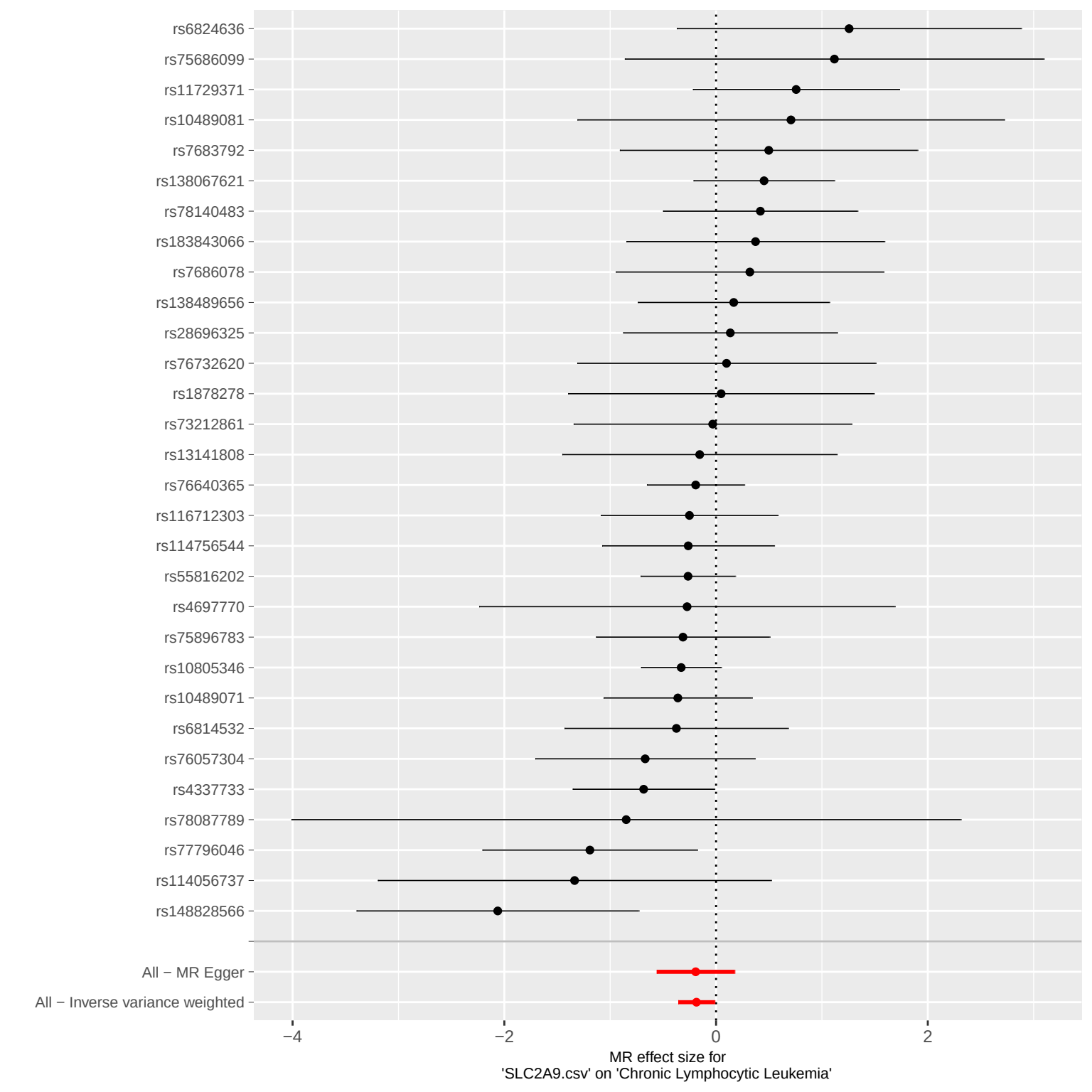
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All − Inverse variance weighted
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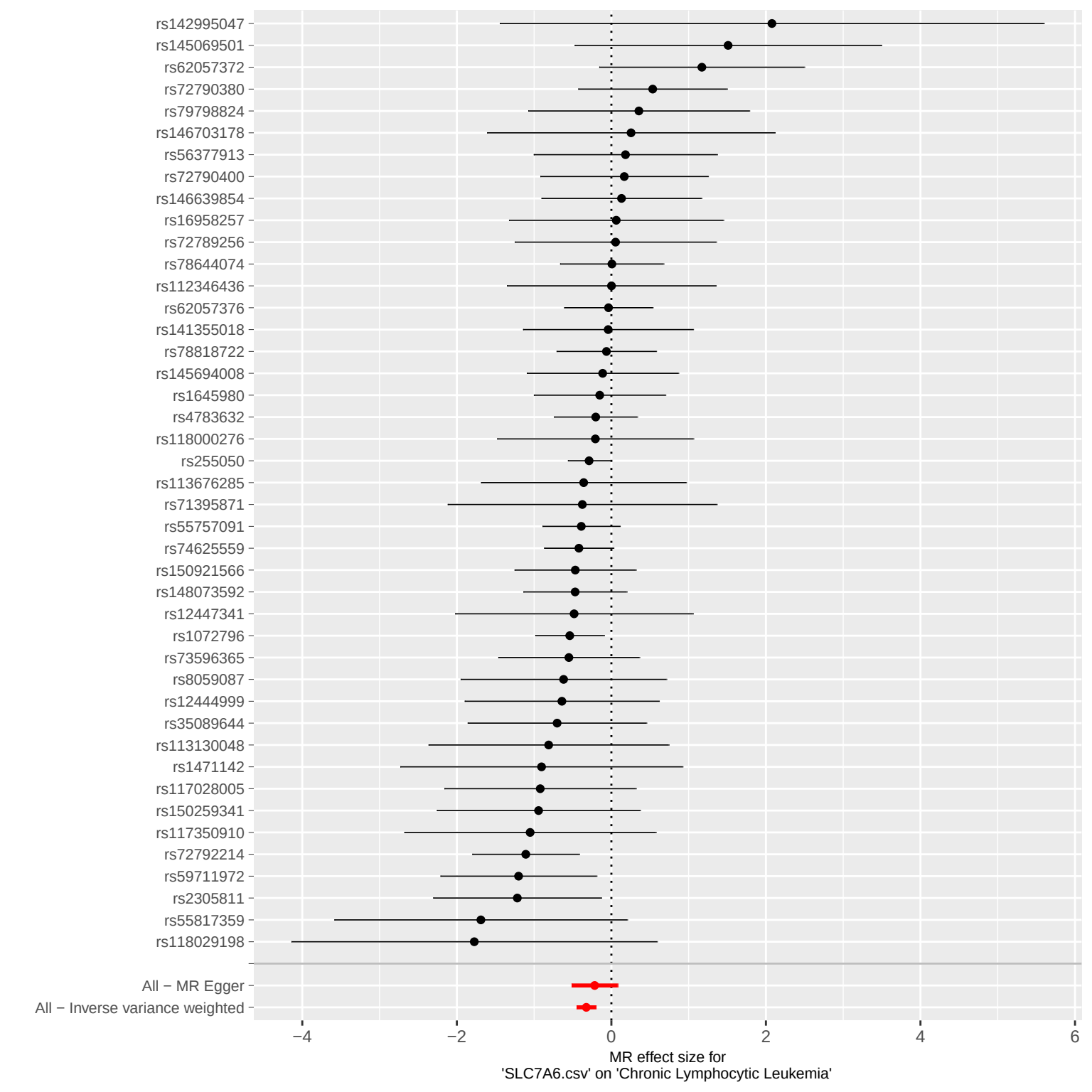
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−2
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2
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MR effect size for
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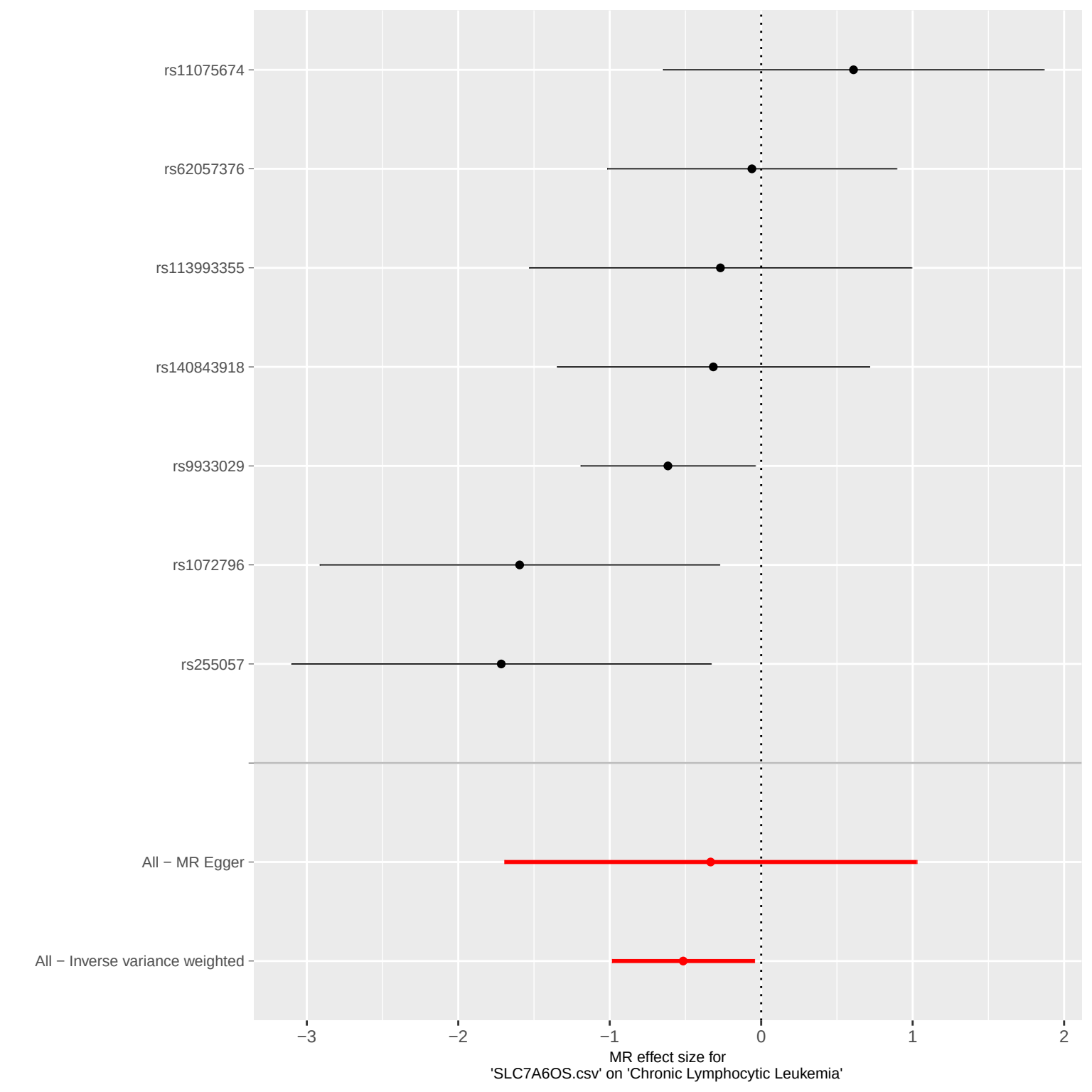
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−2
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0
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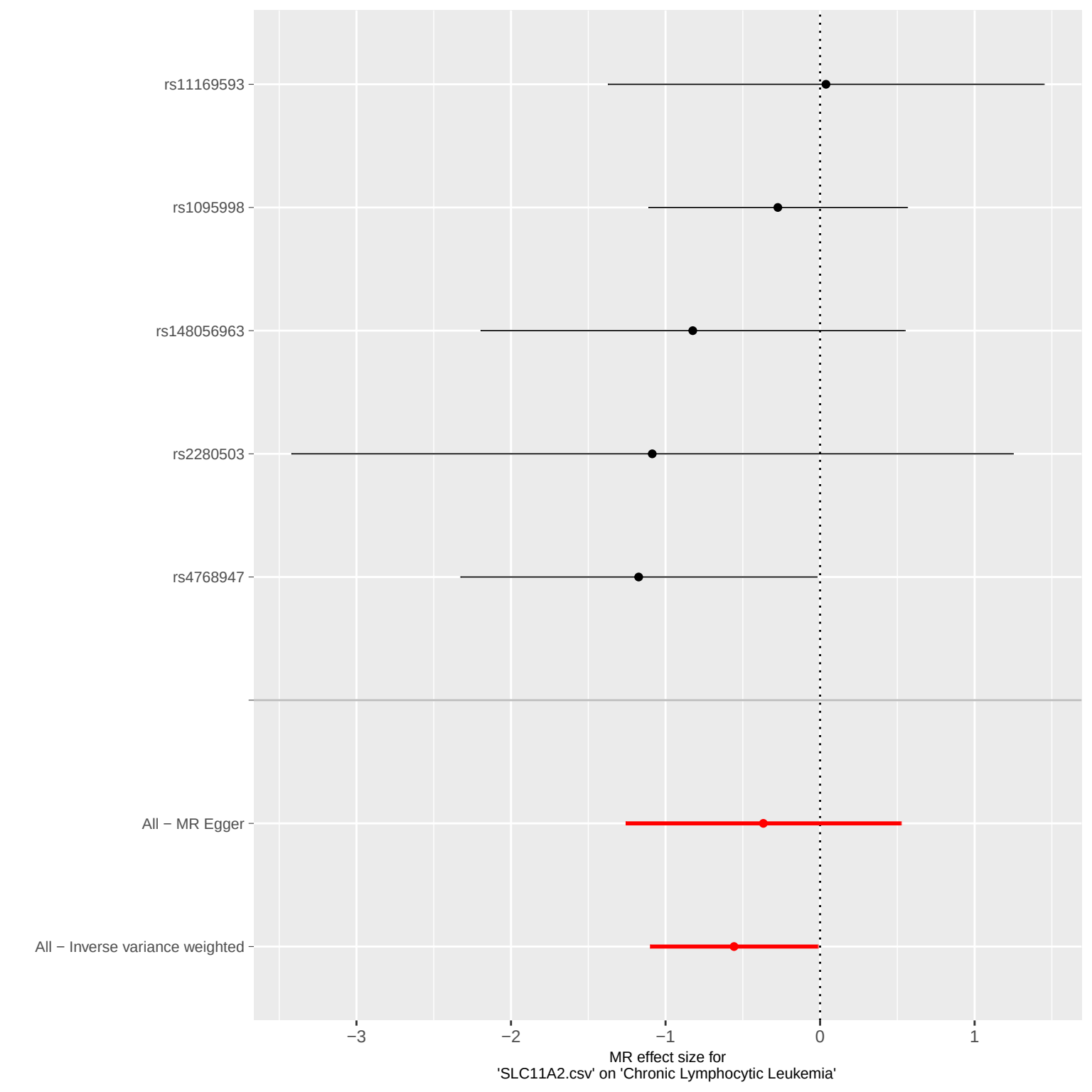
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MR effect size for
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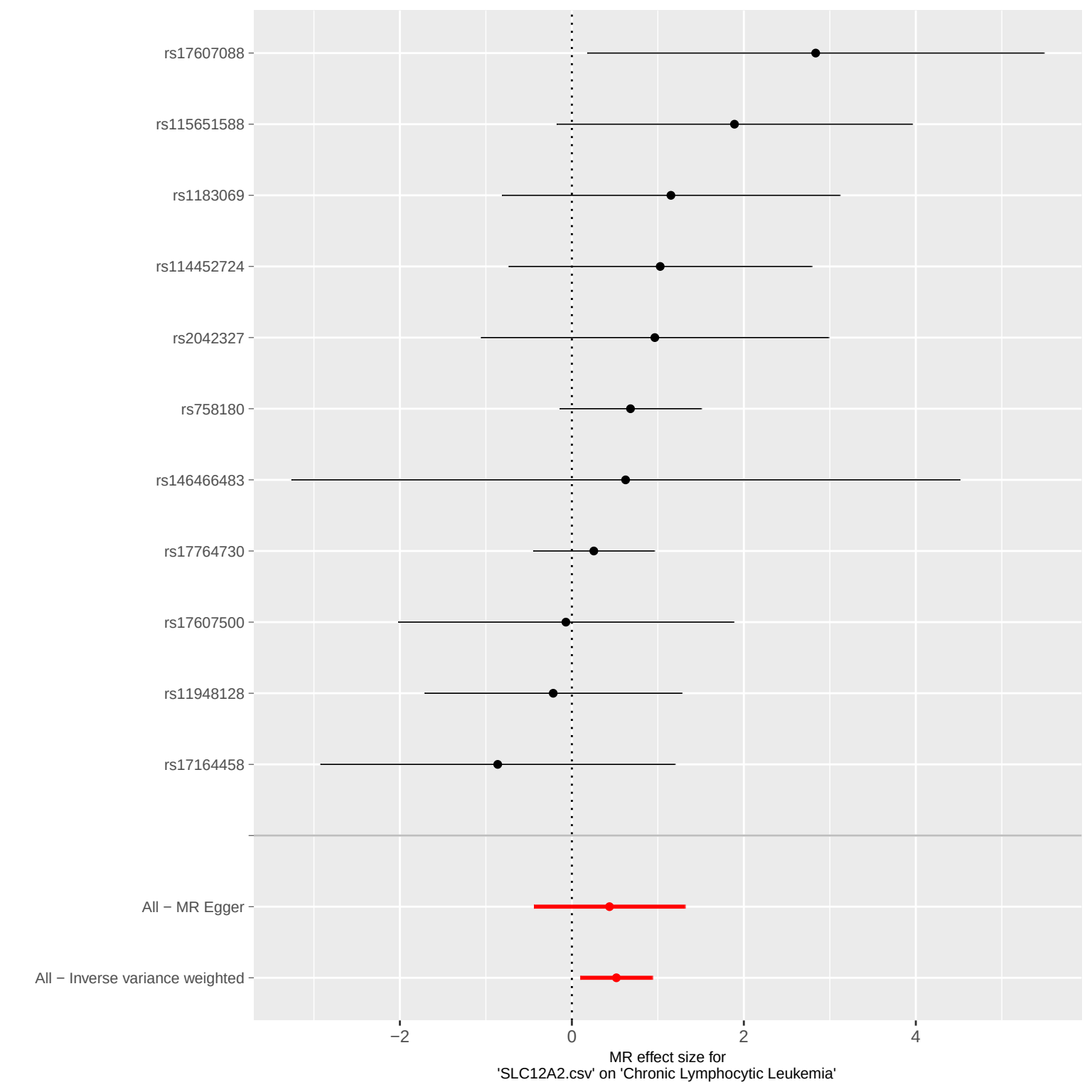
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MR effect size for
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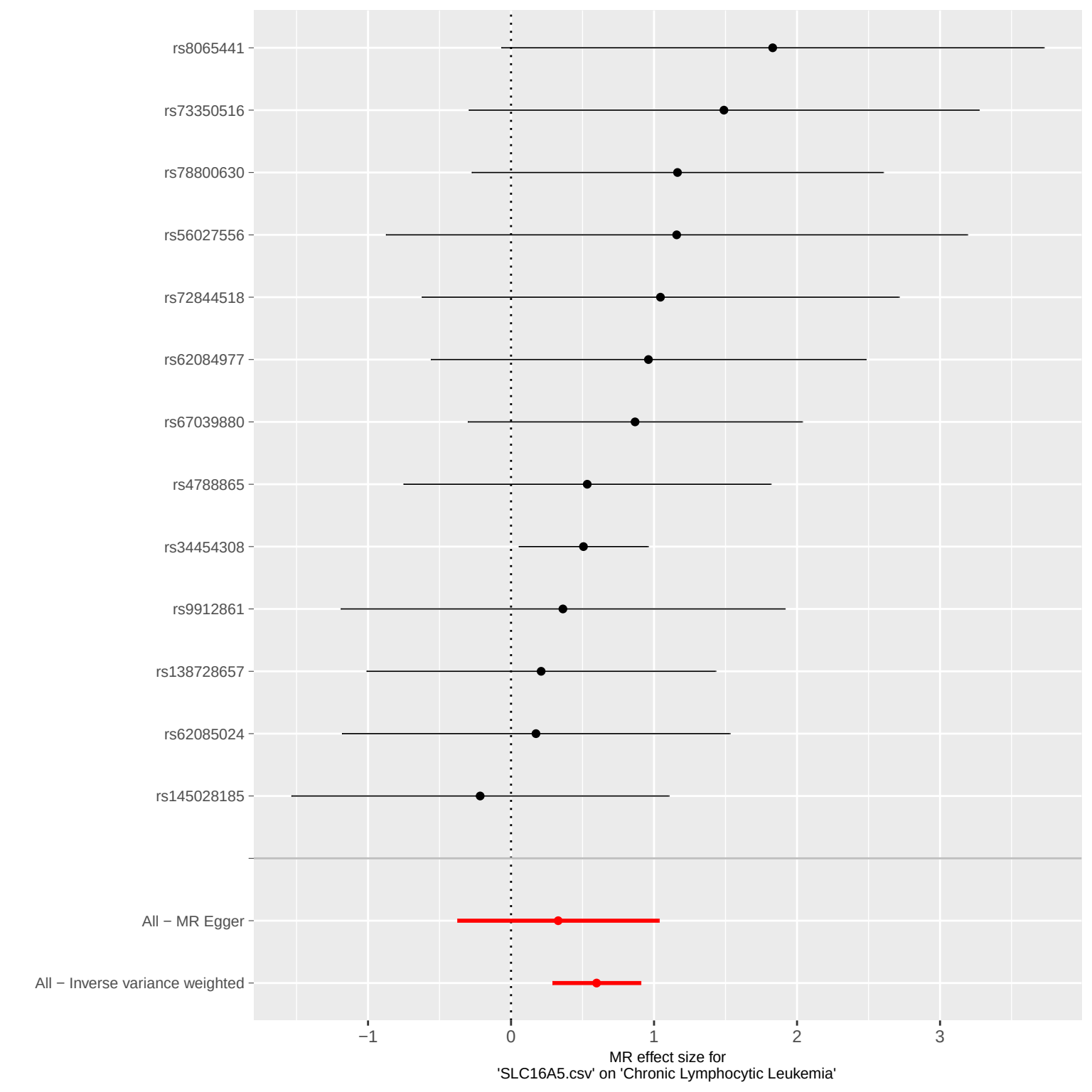
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All − MR Egger
All − Inverse variance weighted
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1
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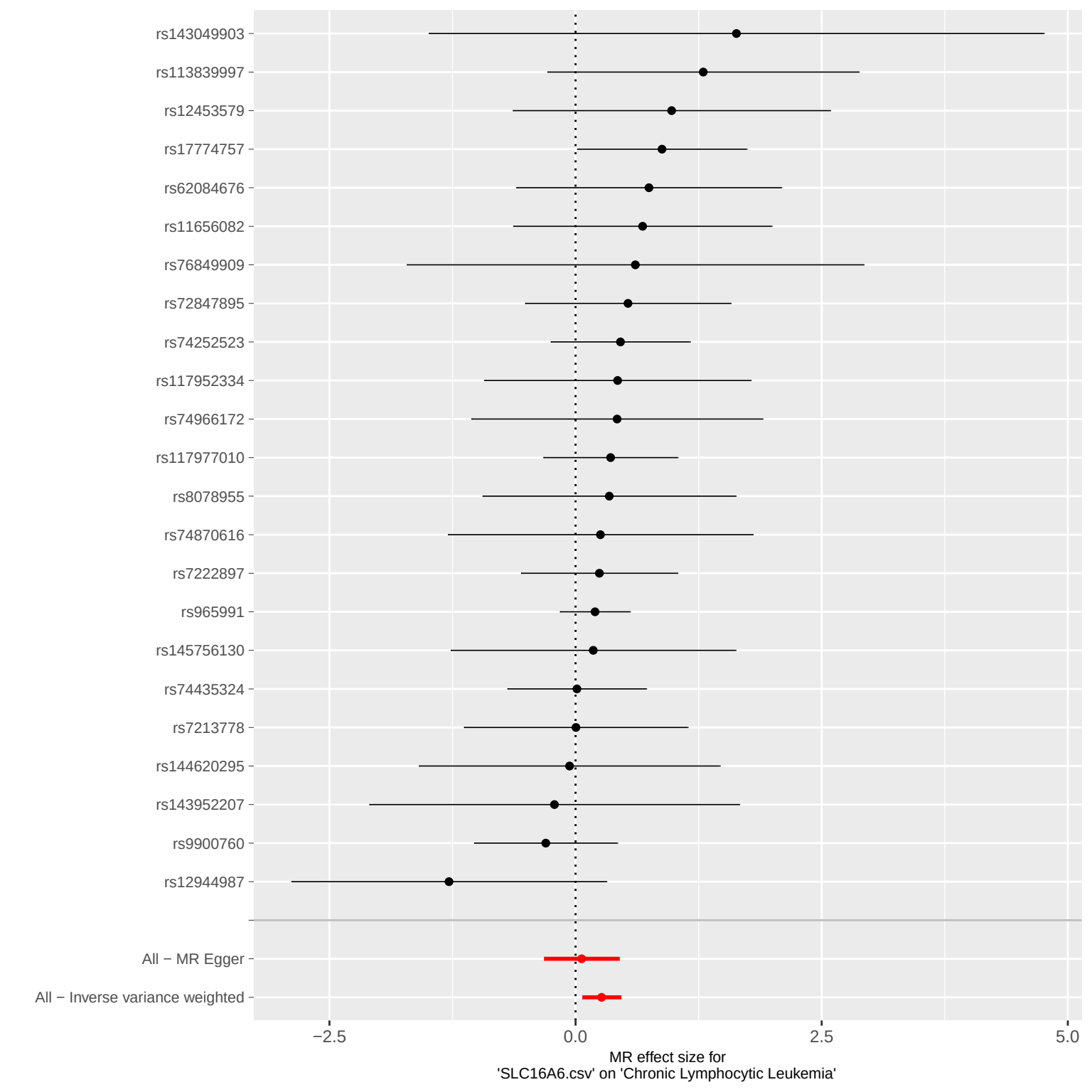
3
MR effect size for
'SLC16A5.csv' on 'Chronic Lymphocytic Leukemia'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2.5
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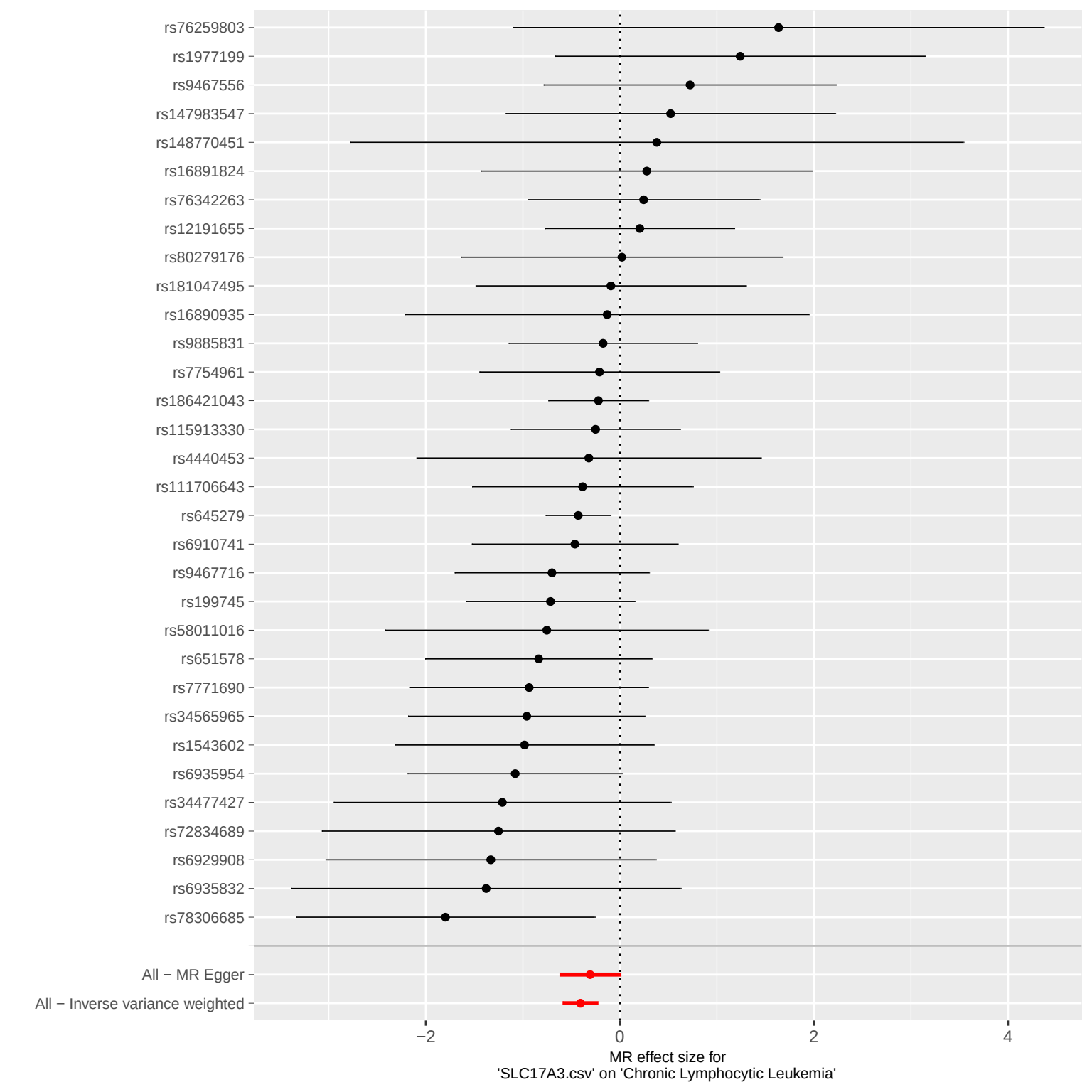
MR effect size for
'SLC16A6.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
−2
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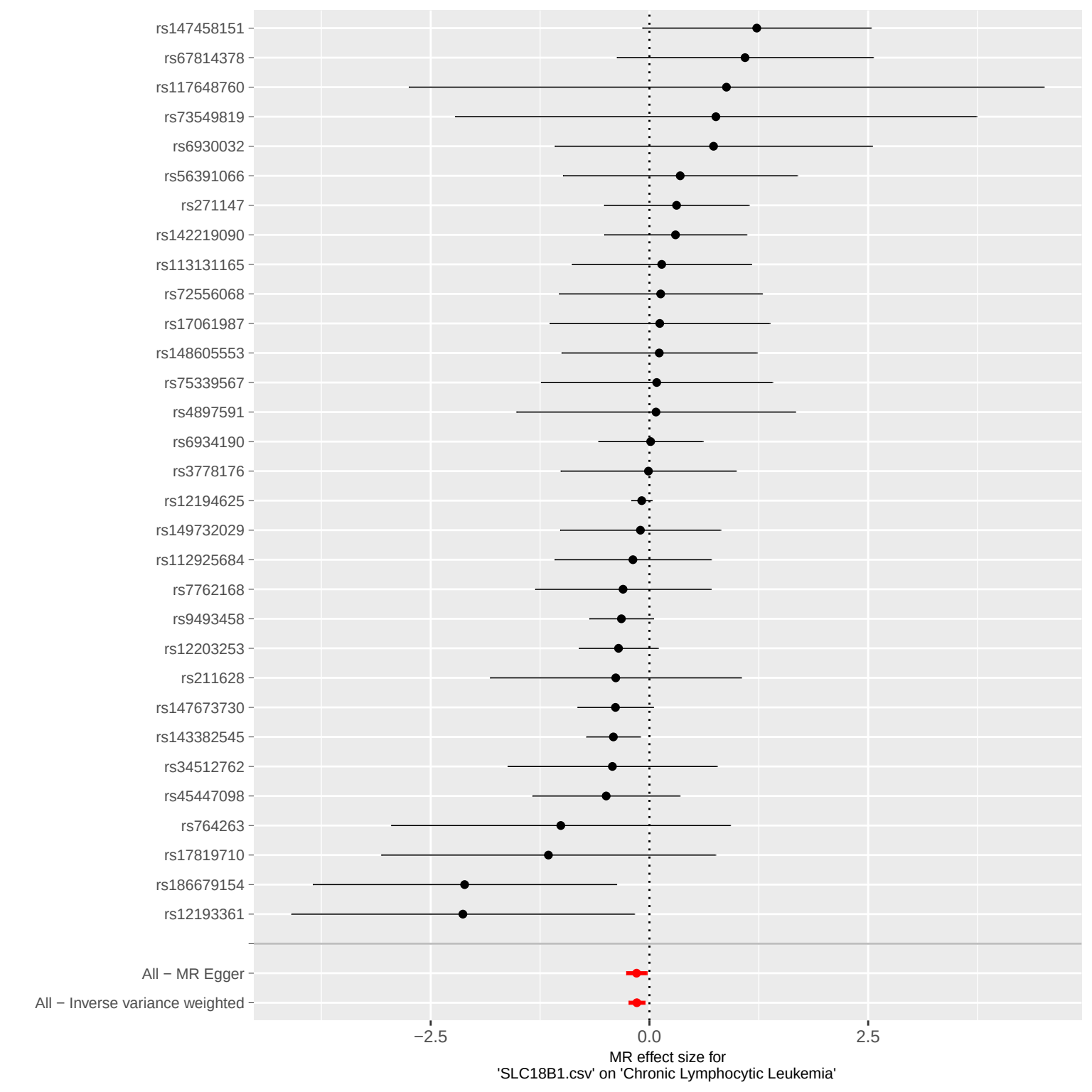
4
MR effect size for
'SLC17A3.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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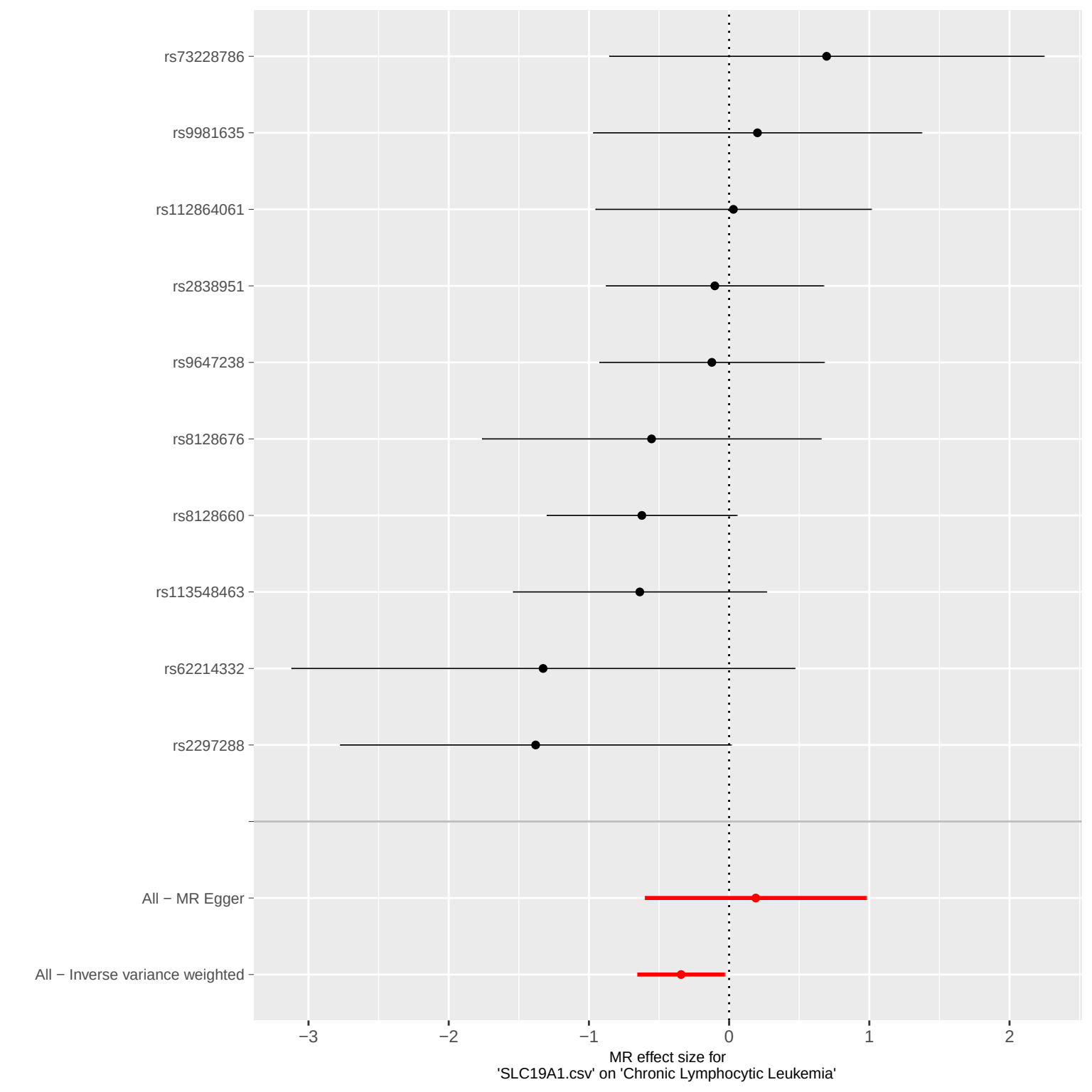
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rs2297288
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
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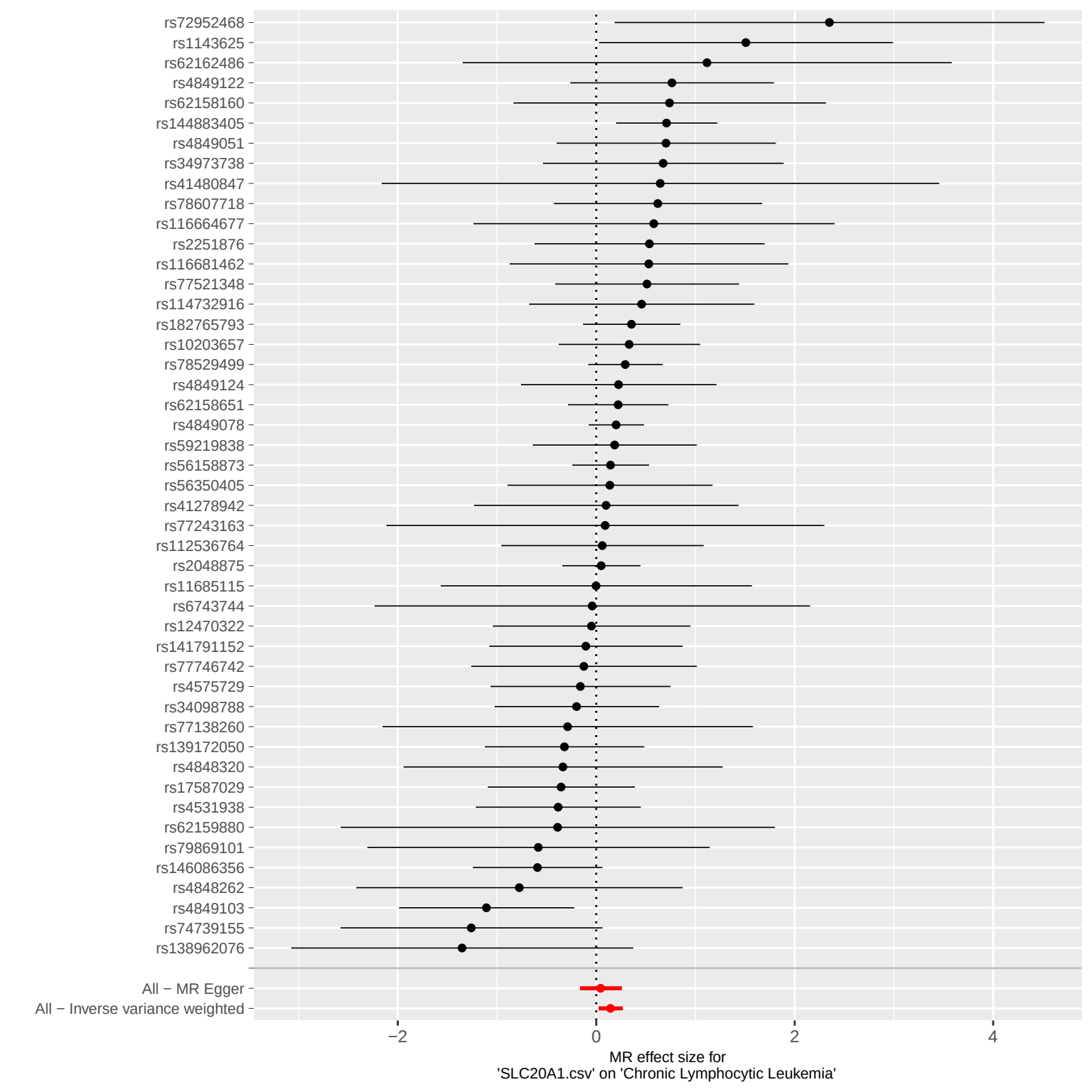
2
MR effect size for
'SLC19A1.csv' on 'Chronic Lymphocytic Leukemia'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rs12470322
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rs62159880
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rs146086356
rs4848262
rs4849103
rs74739155
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All − MR Egger
All − Inverse variance weighted
−2
0
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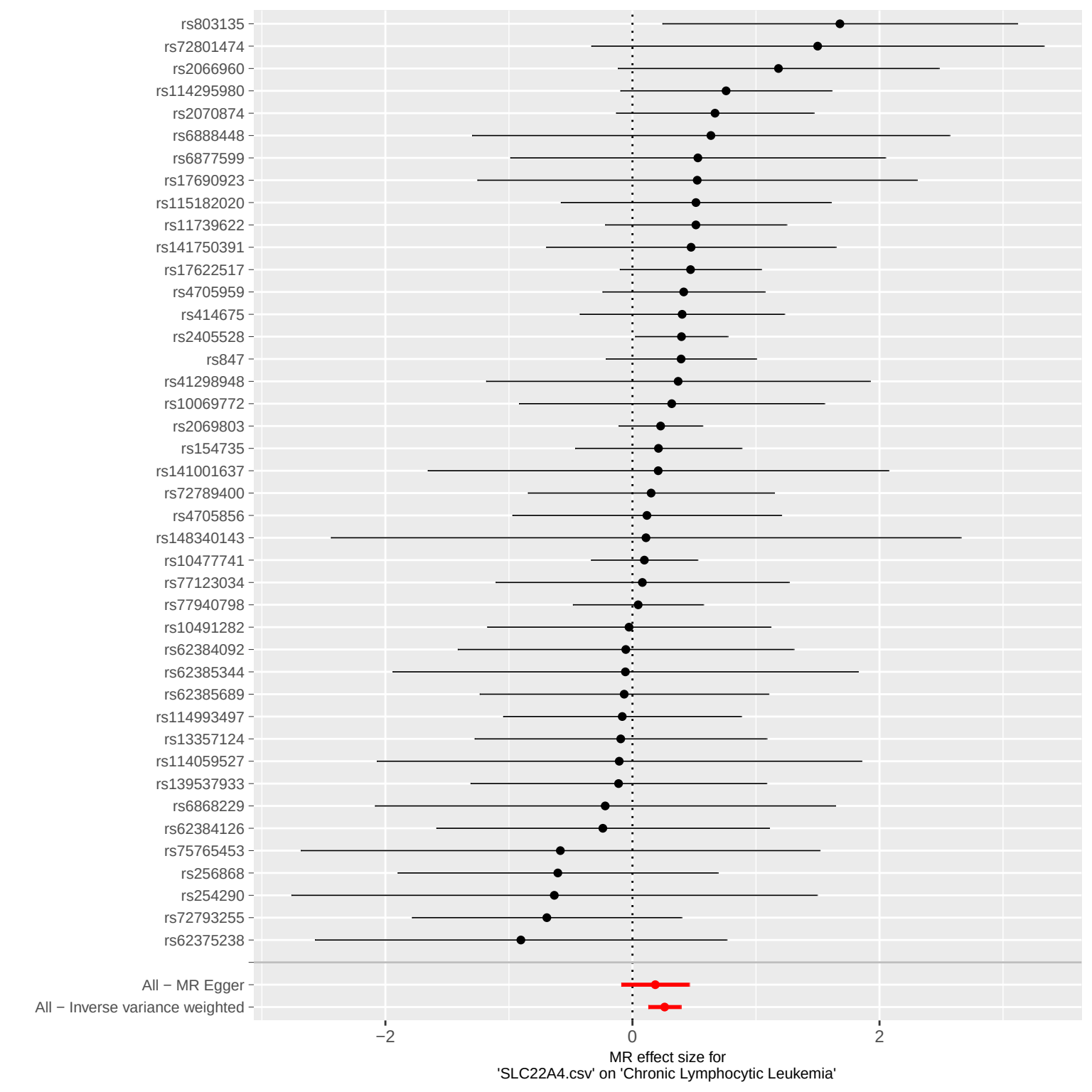
MR effect size for
'SLC20A1.csv' on 'Chronic Lymphocytic Leukemia'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rs141001637
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rs10477741
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rs62385344
rs62385689
rs114993497
rs13357124
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rs139537933
rs6868229
rs62384126
rs75765453
rs256868
rs254290
rs72793255
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All − MR Egger
All − Inverse variance weighted
−2
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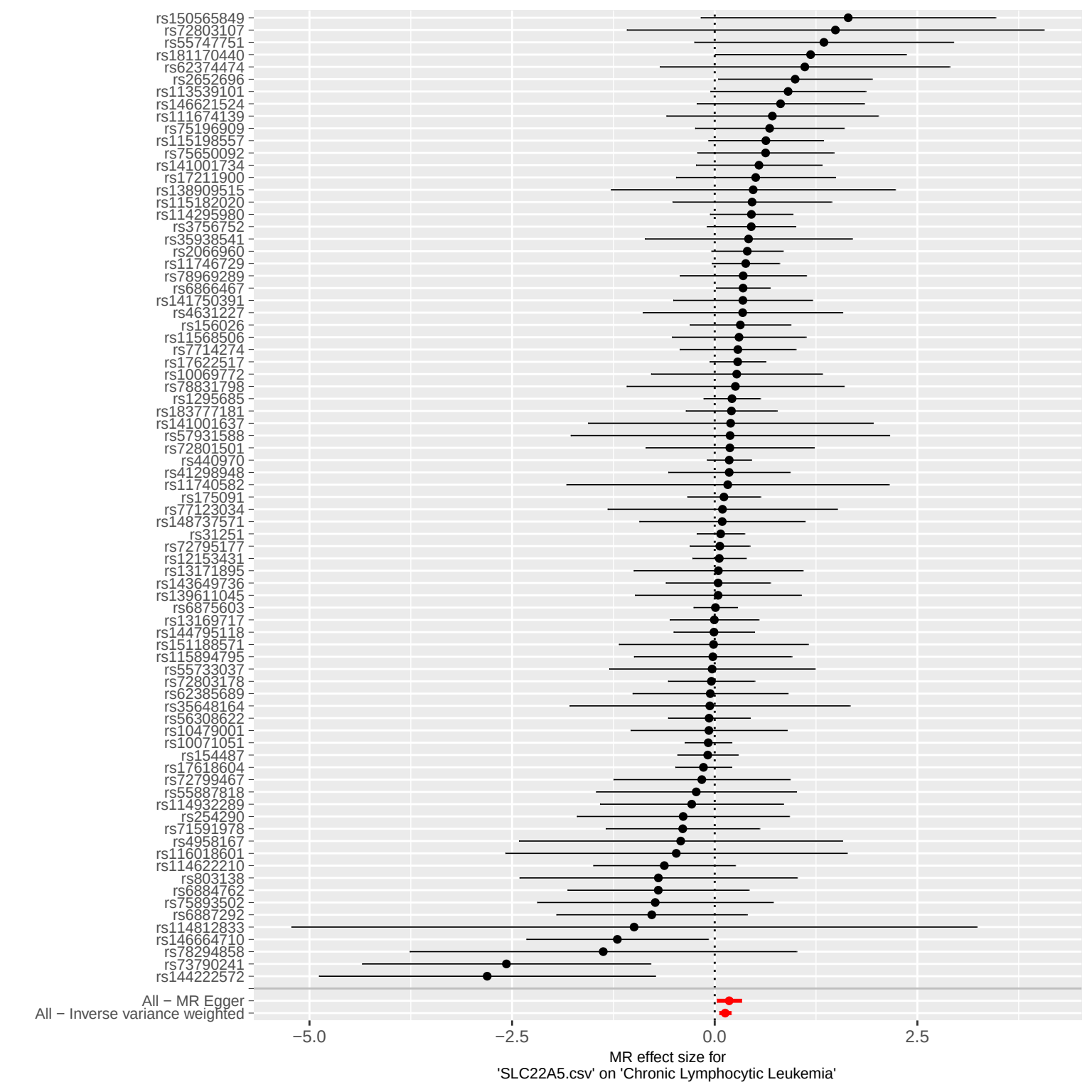
2
MR effect size for
'SLC22A4.csv' on 'Chronic Lymphocytic Leukemia'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rs4958167
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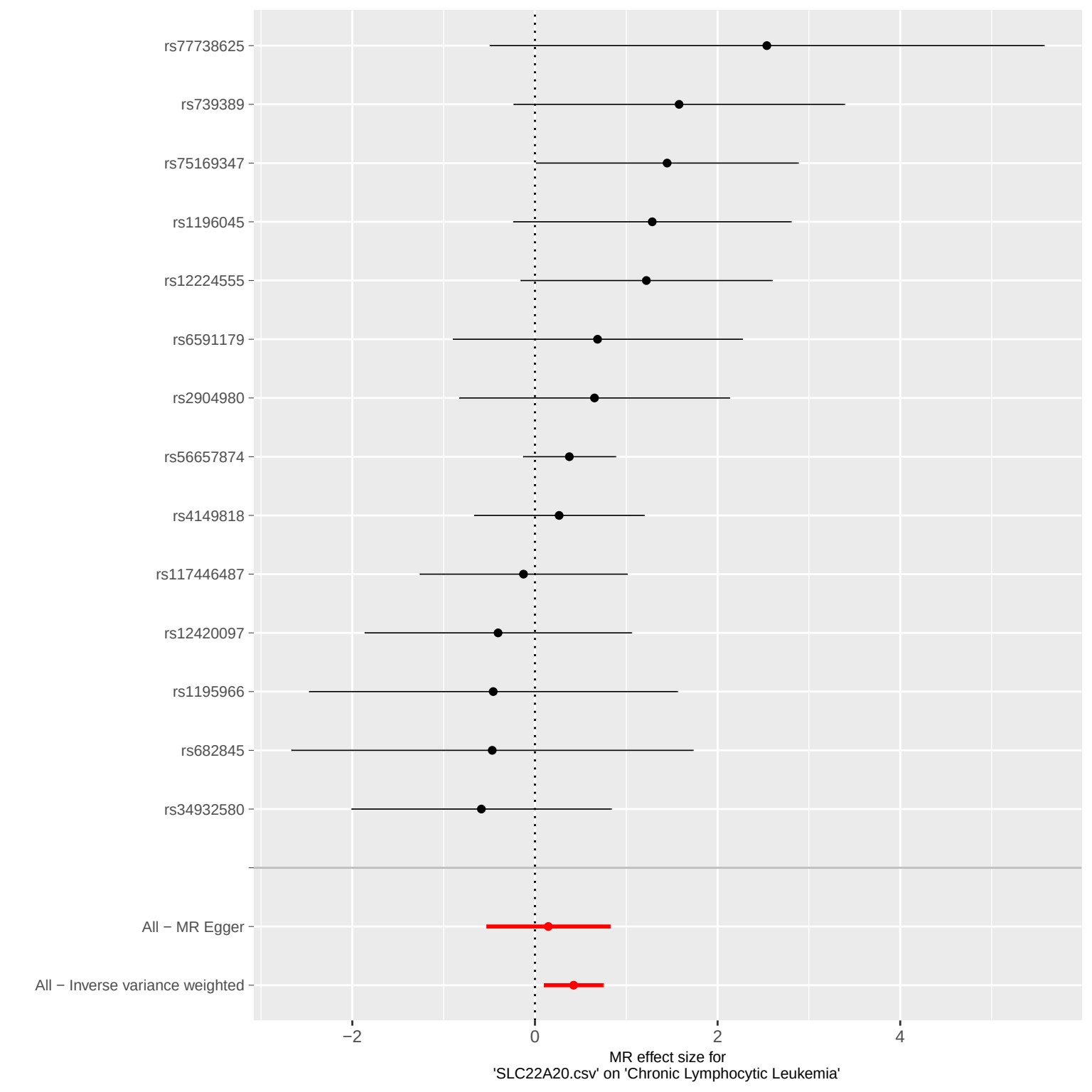
rs803138
rs6884762
rs75893502
rs6887292
rs114812833
rs146664710
rs78294858
rs73790241
rs144222572
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SLC22A5.csv' on 'Chronic Lymphocytic Leukemia'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rs12420097
rs1195966
rs682845
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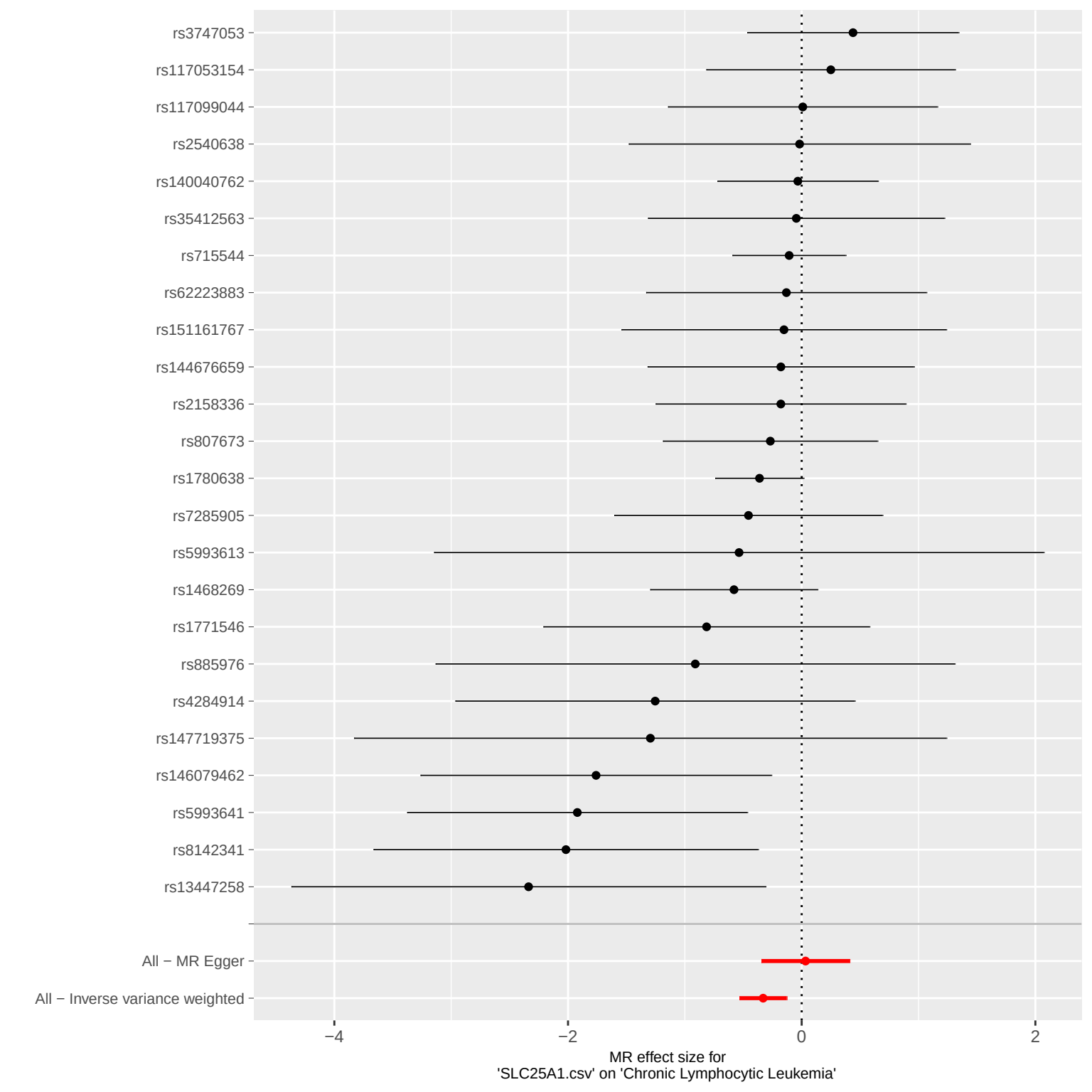
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SLC22A20.csv' on 'Chronic Lymphocytic Leukemia'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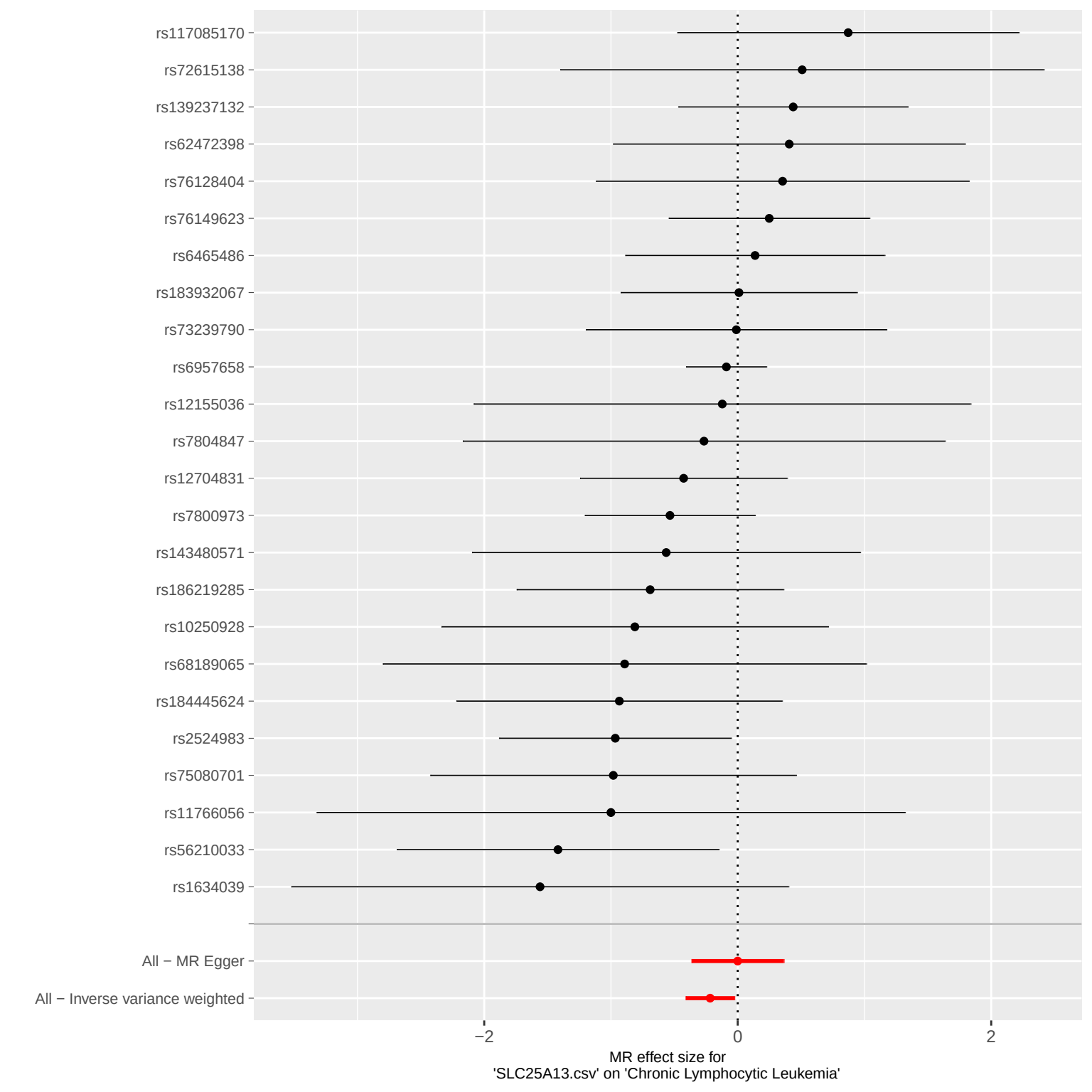
rs807673
rs1780638
rs7285905
rs5993613
rs1468269
rs1771546
rs885976
rs4284914
rs147719375
rs146079462
rs5993641
rs8142341
rs13447258
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SLC25A1.csv' on 'Chronic Lymphocytic Leukemia'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rs186219285
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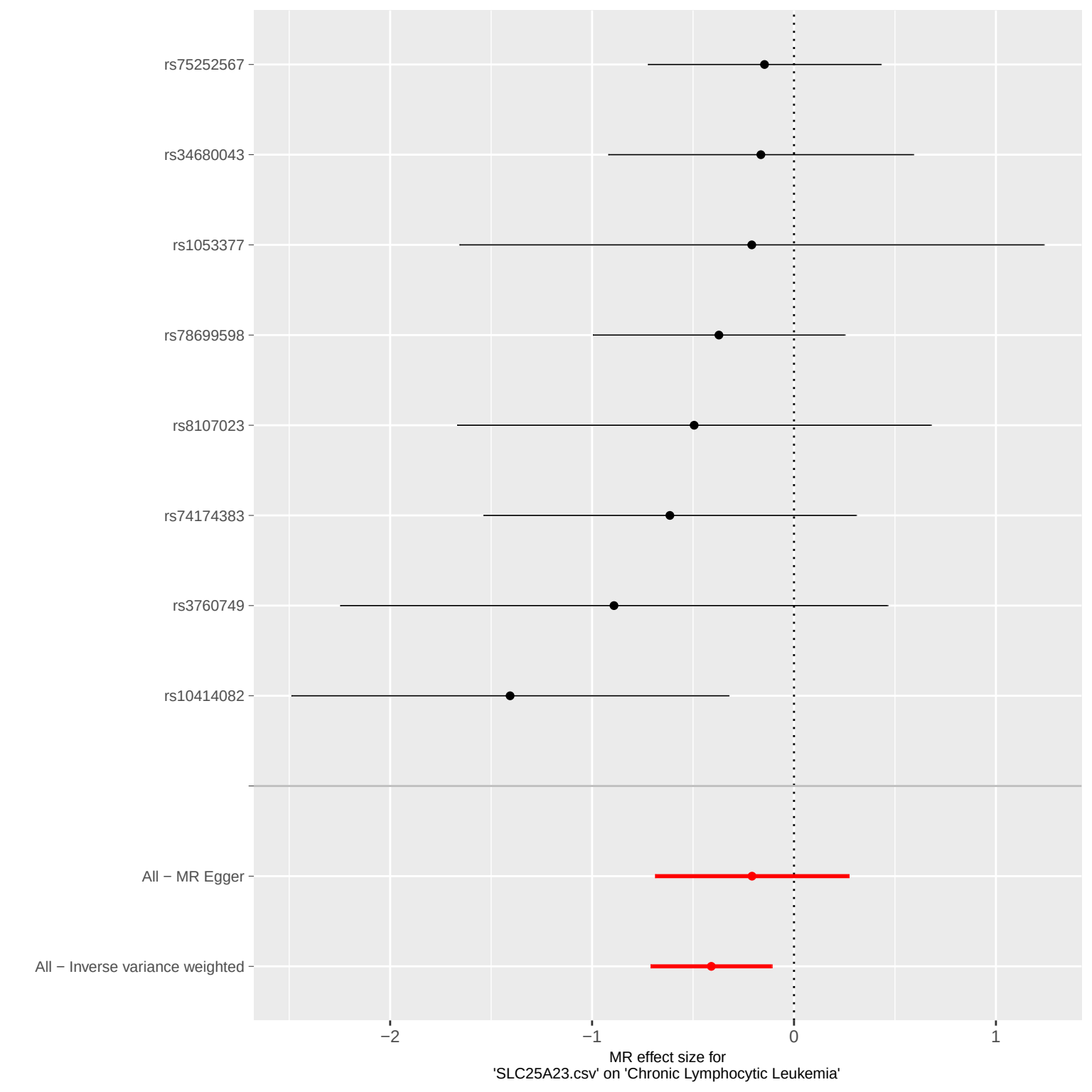
rs184445624
rs2524983
rs75080701
rs11766056
rs56210033
rs1634039
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SLC25A13.csv' on 'Chronic Lymphocytic Leukemia'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rs34680043
rs1053377
rs78699598
rs8107023
rs74174383
rs3760749
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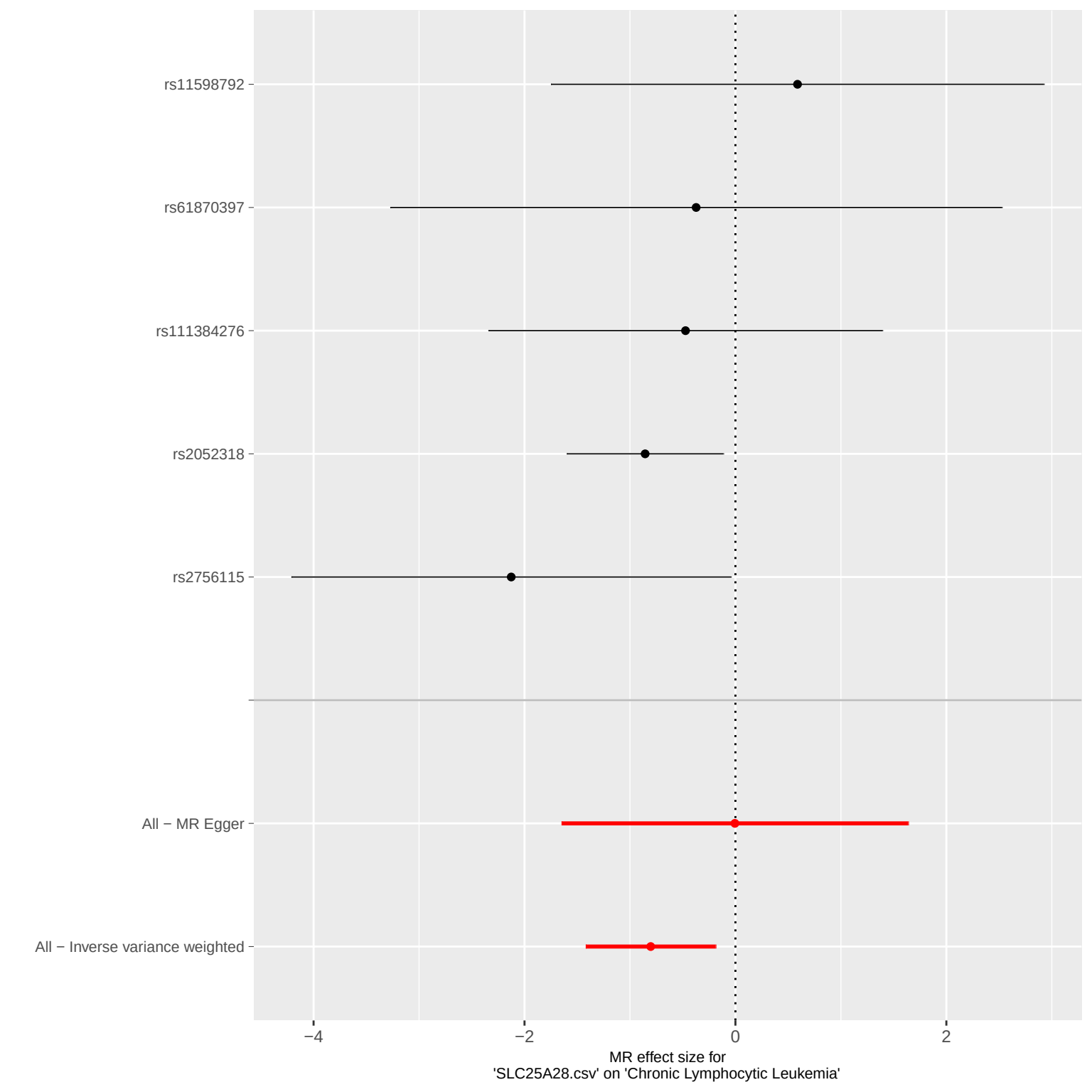
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'SLC25A23.csv' on 'Chronic Lymphocytic Leukemia'


rs11598792
rs61870397
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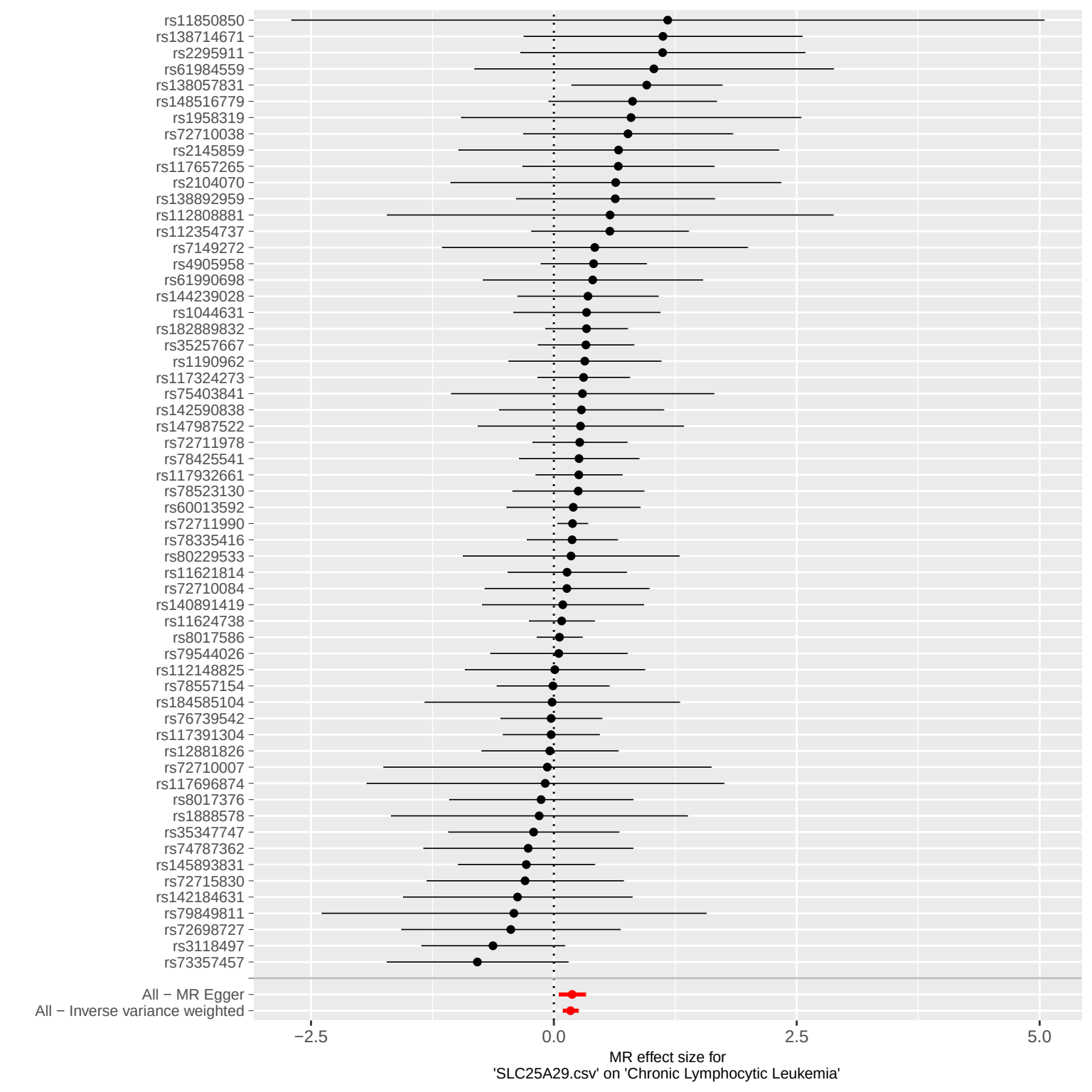
rs2052318
rs2756115
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SLC25A28.csv' on 'Chronic Lymphocytic Leukemia'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rs79849811
rs72698727
rs3118497
rs73357457
All − MR Egger
All − Inverse variance weighted
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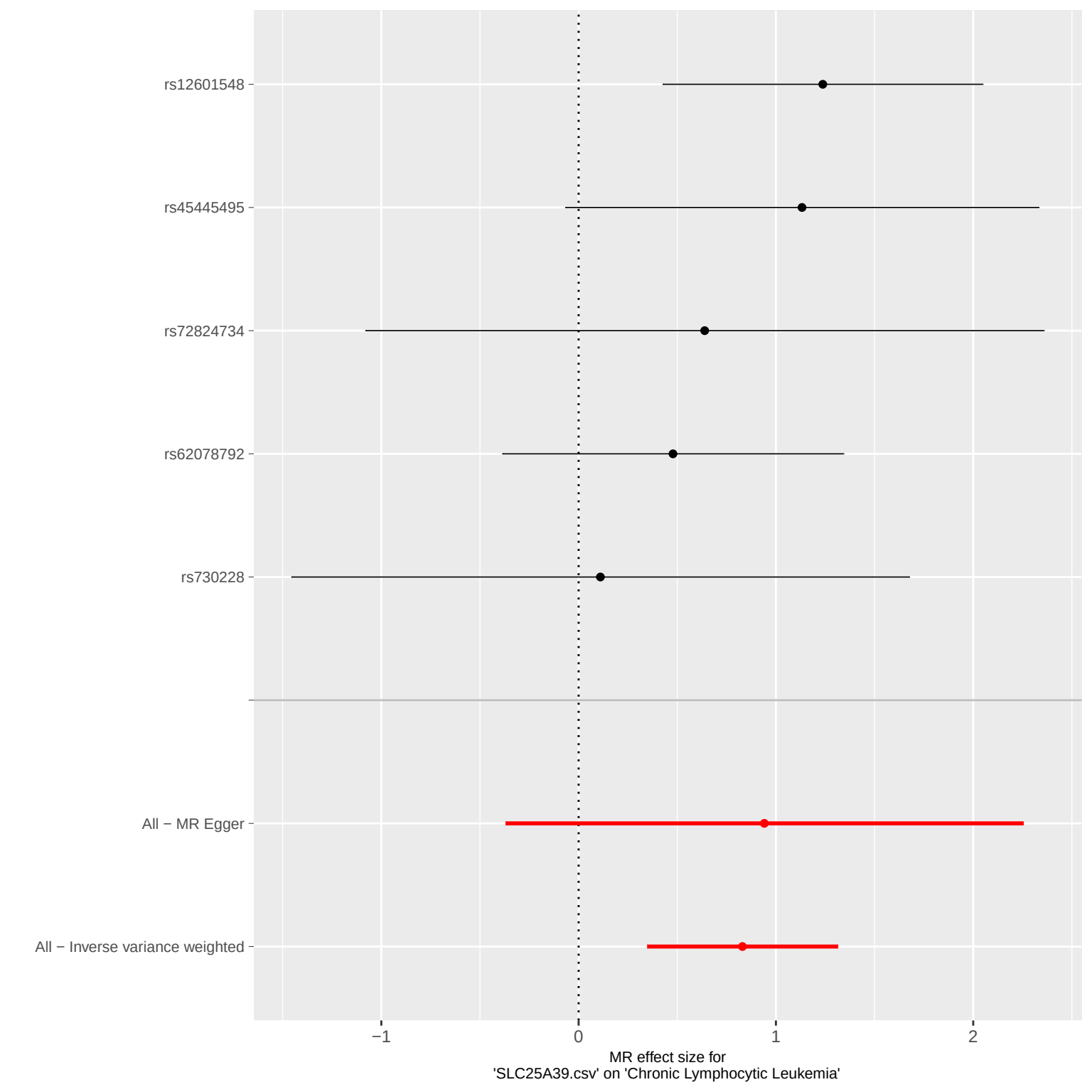
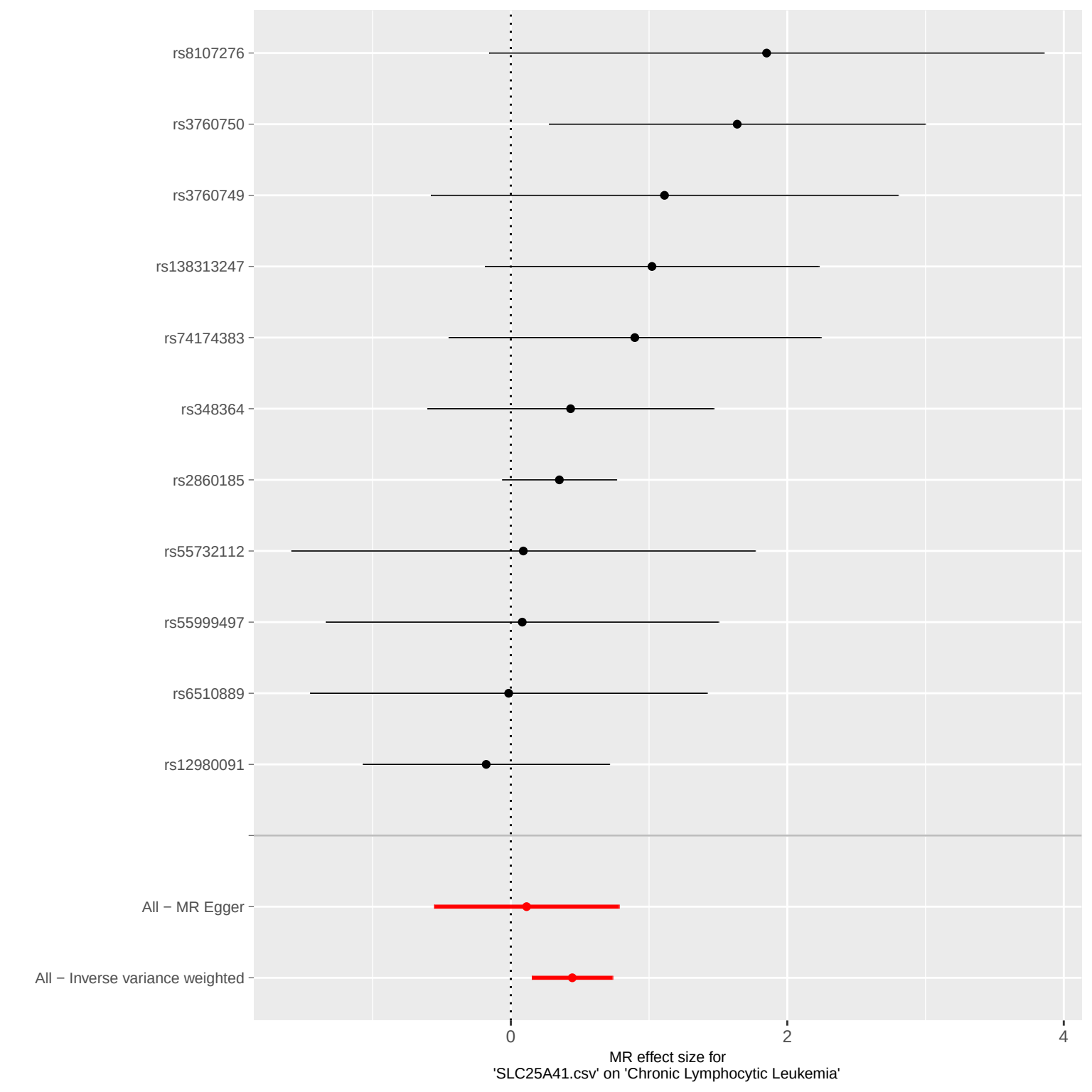
0.0
2.5
5.0
MR effect size for
'SLC25A29.csv' on 'Chronic Lymphocytic Leukemia'


rs12601548
rs45445495
rs72824734
rs62078792
rs730228
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'SLC25A39.csv' on 'Chronic Lymphocytic Leukemia'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rs348364
rs2860185
rs55732112
rs55999497
rs6510889
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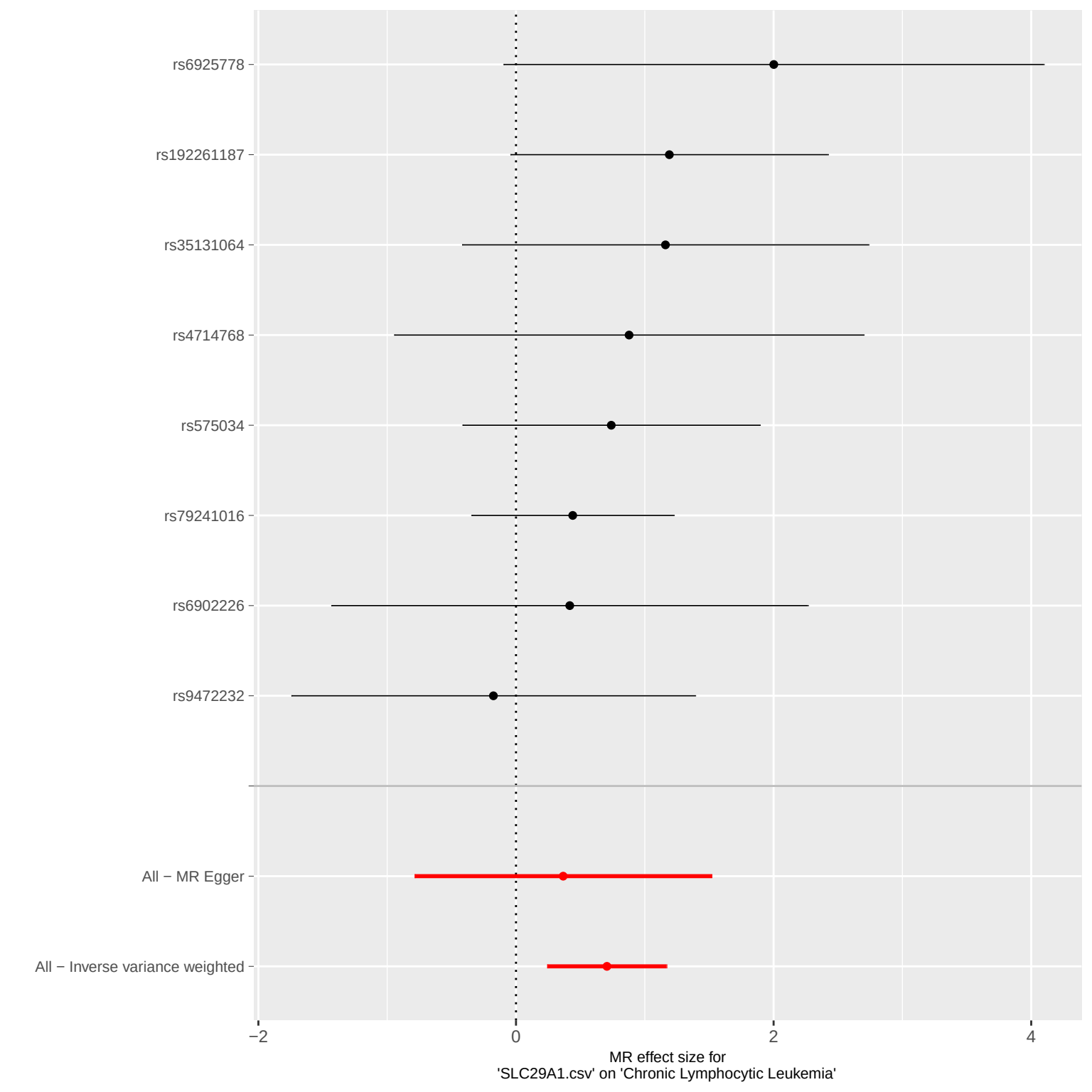
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'SLC25A41.csv' on 'Chronic Lymphocytic Leukemia'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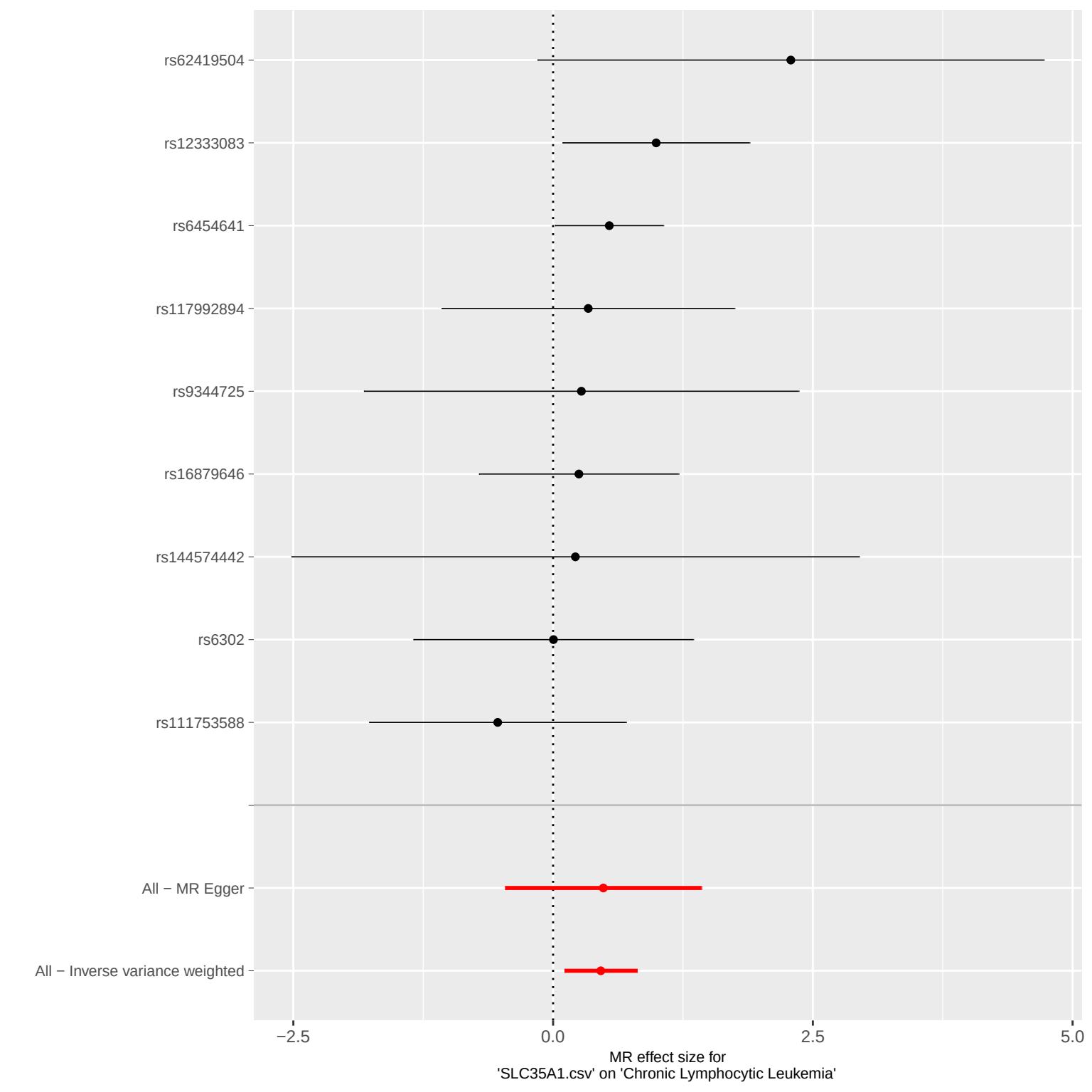
rs79241016
rs6902226
rs9472232
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SLC29A1.csv' on 'Chronic Lymphocytic Leukemia'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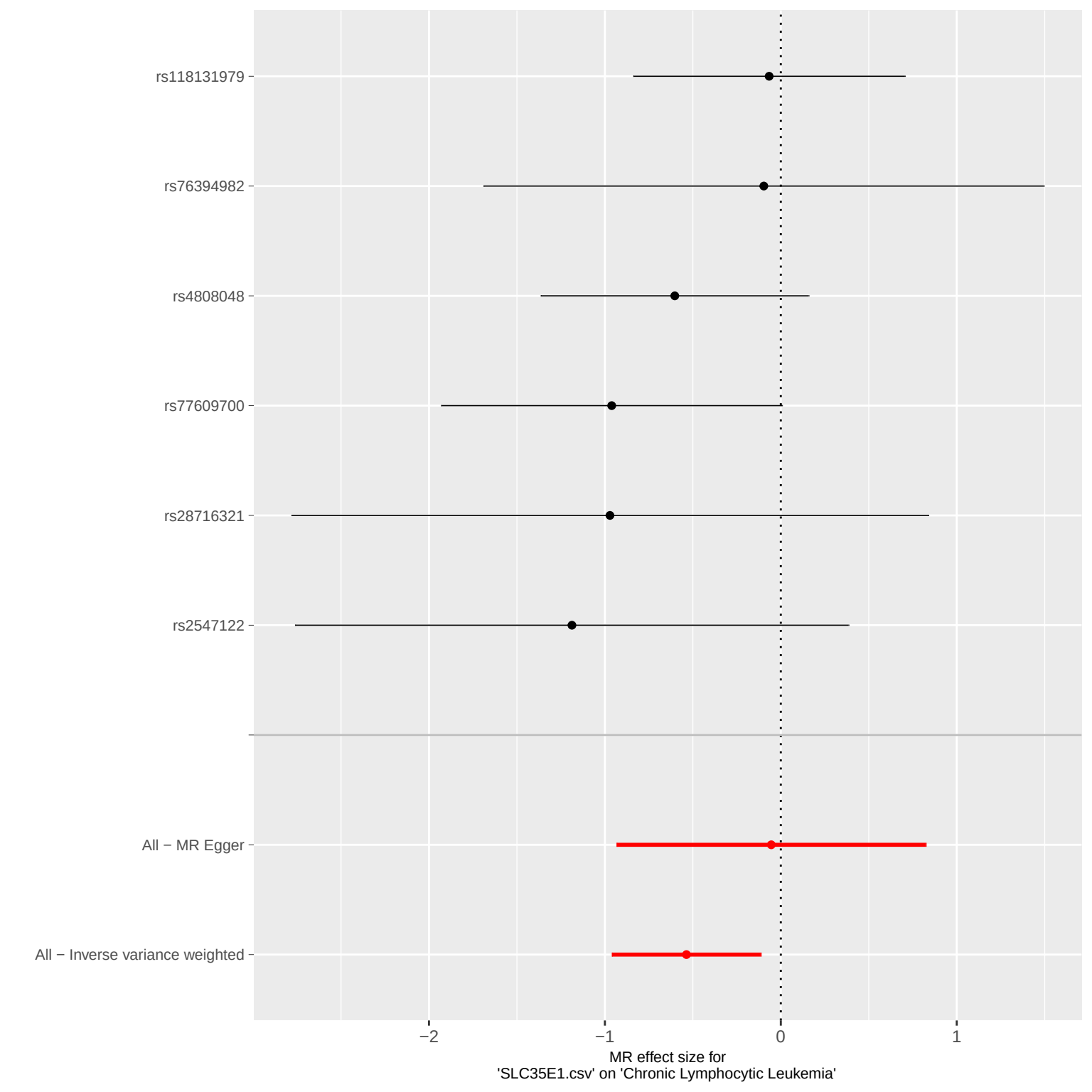
rs12333083
rs6454641
rs117992894
rs9344725
rs16879646
rs144574442
rs6302
rs111753588
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SLC35A1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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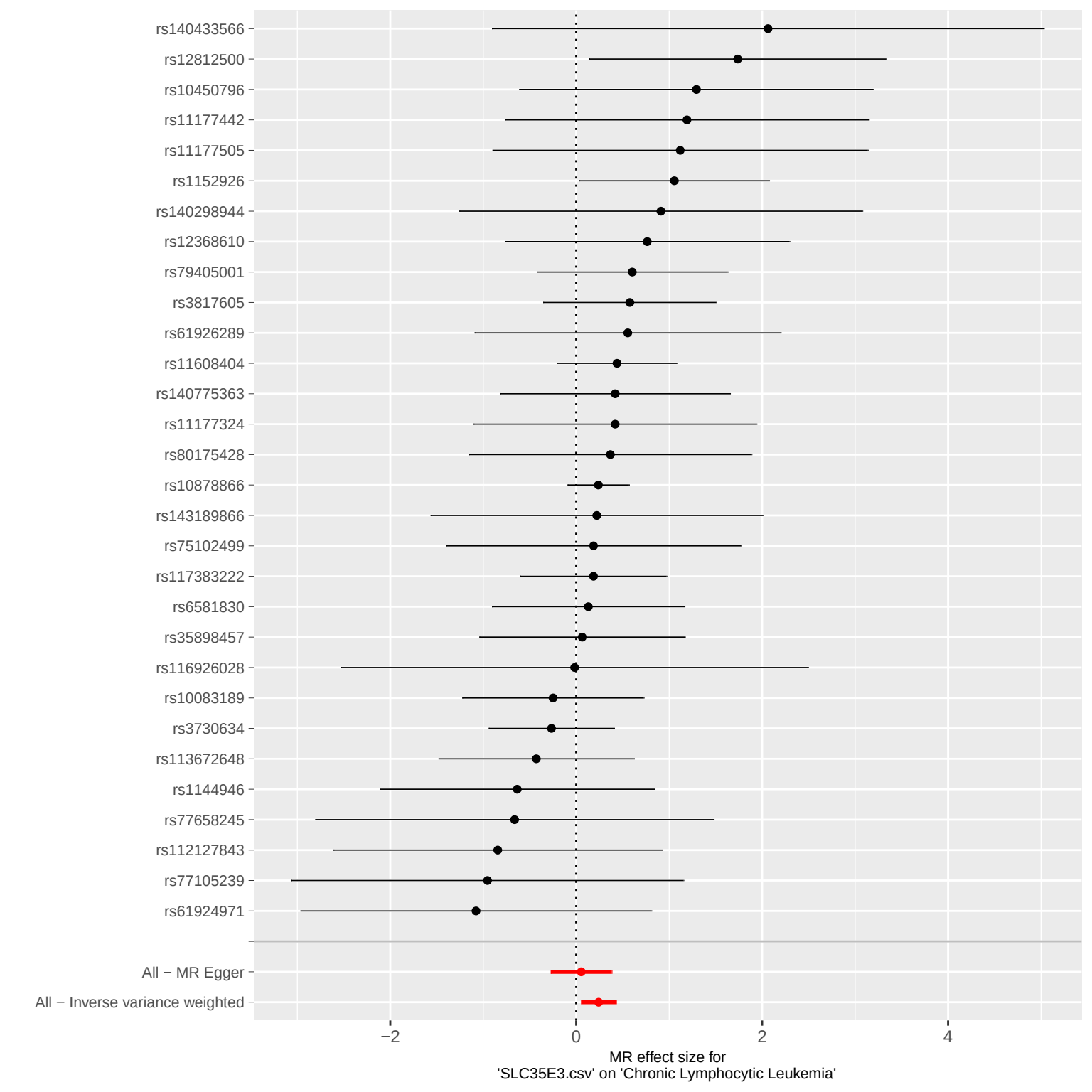
MR effect size for
'SLC35E1.csv' on 'Chronic Lymphocytic Leukemia'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rs1144946
rs77658245
rs112127843
rs77105239
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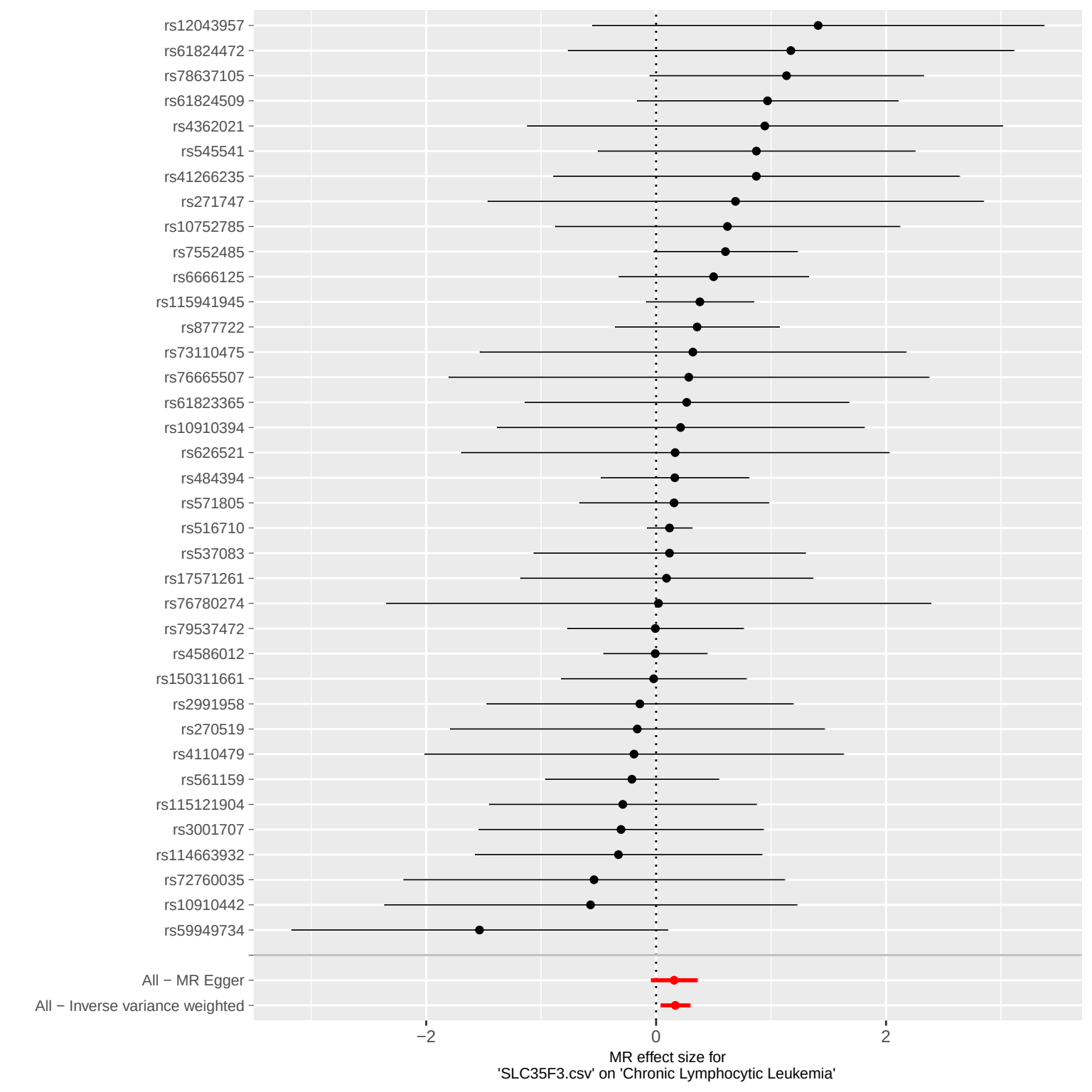
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SLC35E3.csv' on 'Chronic Lymphocytic Leukemia'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rs17571261
rs76780274
rs79537472
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rs2991958
rs270519
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rs561159
rs115121904
rs3001707
rs114663932
rs72760035
rs10910442
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All − MR Egger
All − Inverse variance weighted
−2
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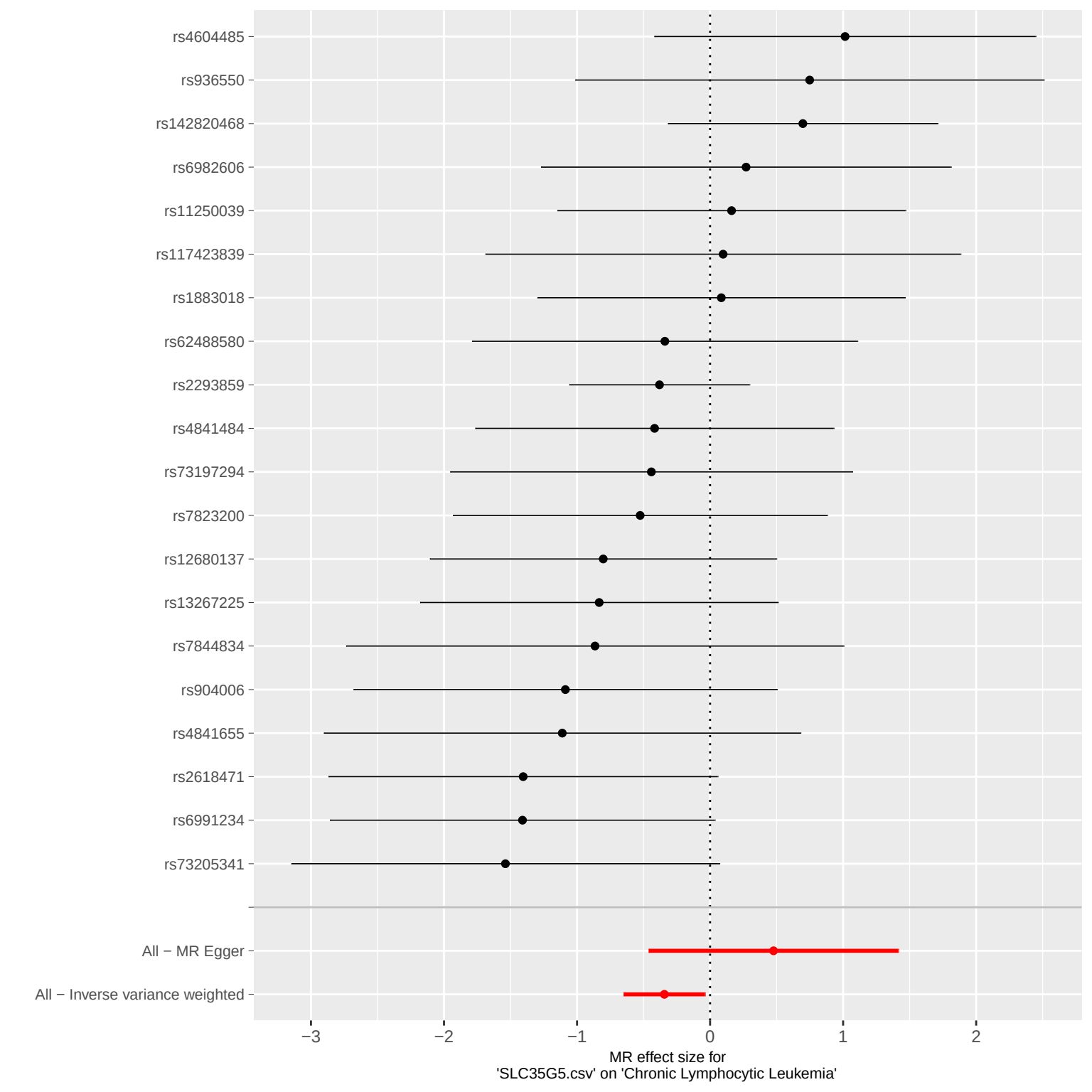
2
MR effect size for
'SLC35F3.csv' on 'Chronic Lymphocytic Leukemia'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rs1883018
rs62488580
rs2293859
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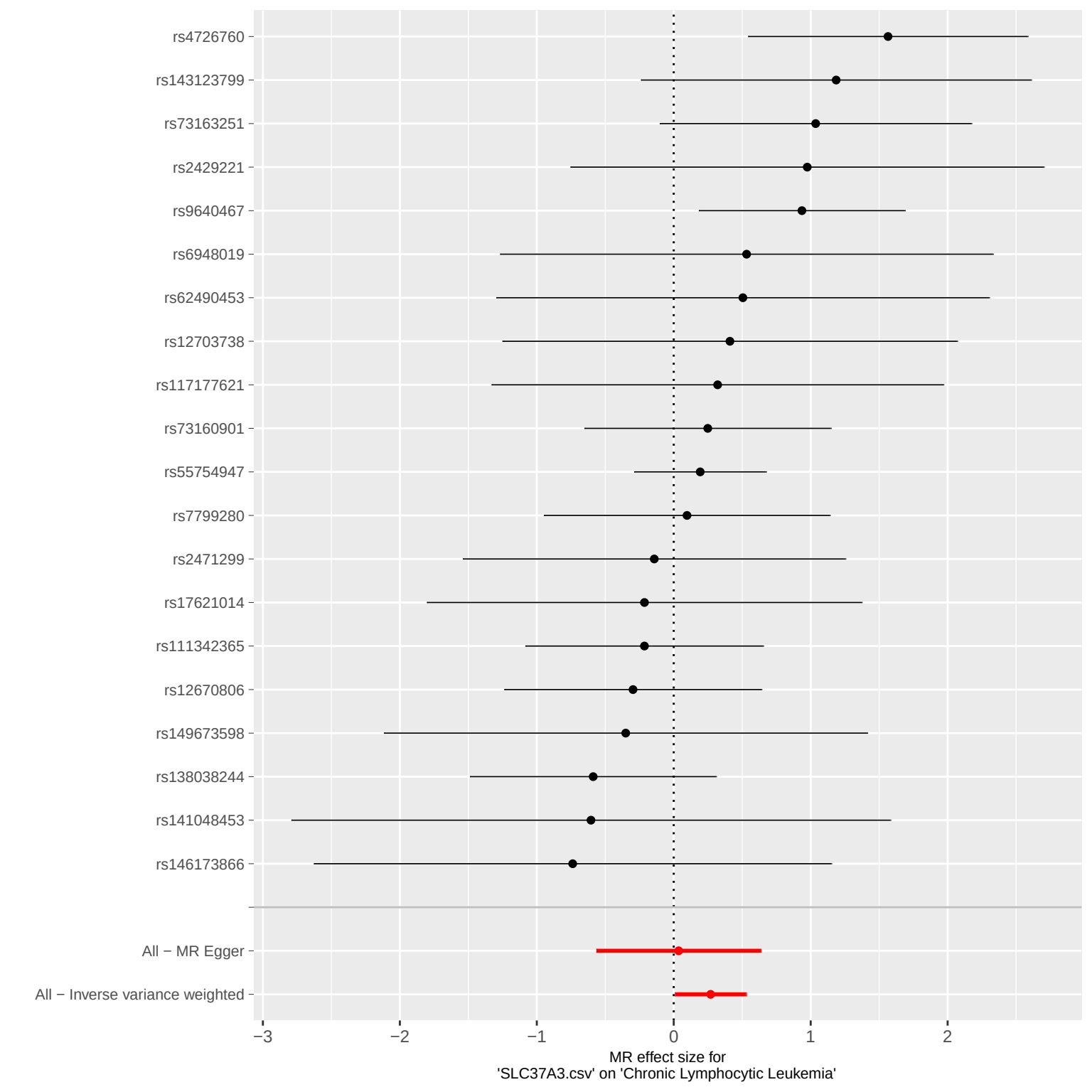
rs12680137
rs13267225
rs7844834
rs904006
rs4841655
rs2618471
rs6991234
rs73205341
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'SLC35G5.csv' on 'Chronic Lymphocytic Leukemia'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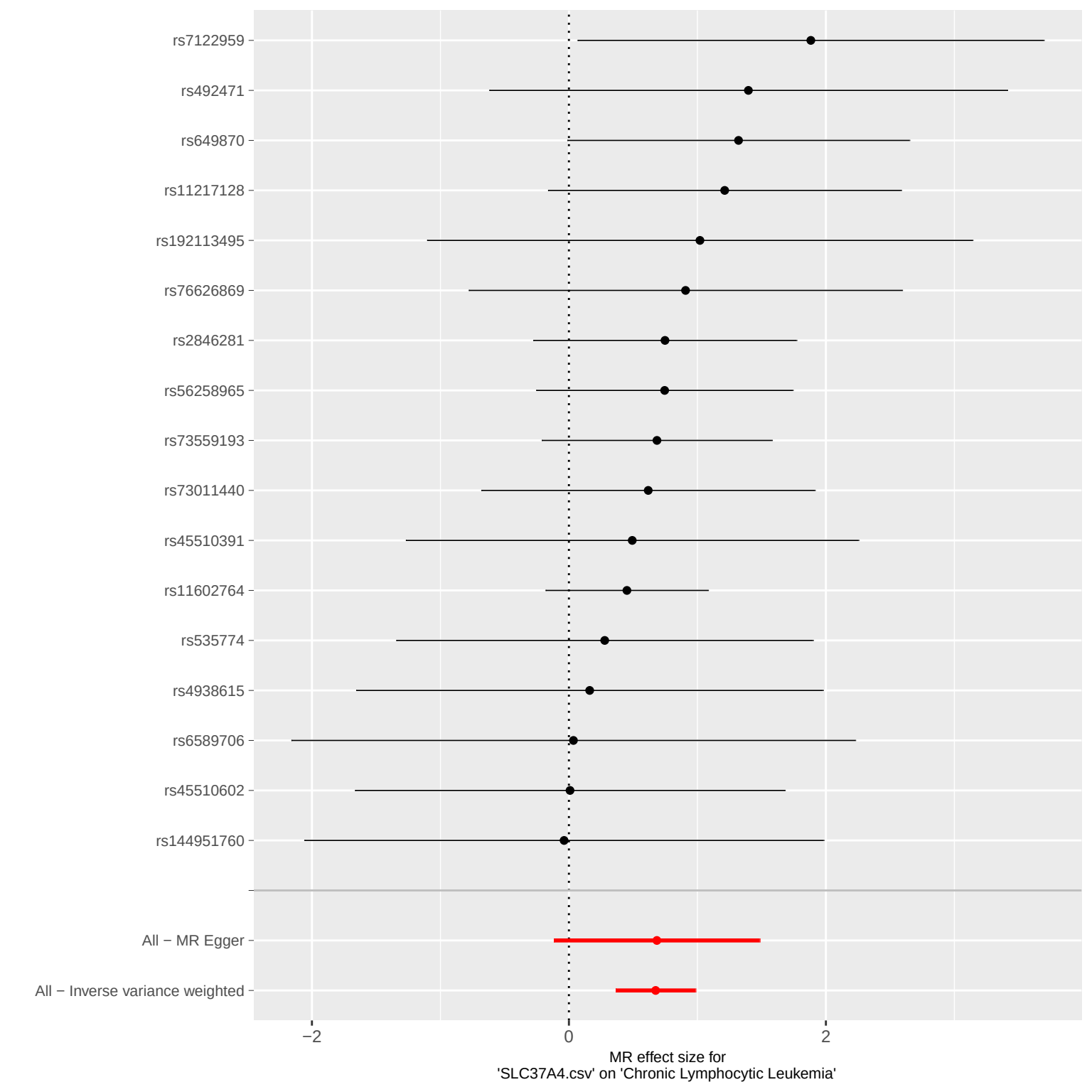
rs17621014
rs111342365
rs12670806
rs149673598
rs138038244
rs141048453
rs146173866
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'SLC37A3.csv' on 'Chronic Lymphocytic Leukemia'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rs45510391
rs11602764
rs535774
rs4938615
rs6589706
rs45510602
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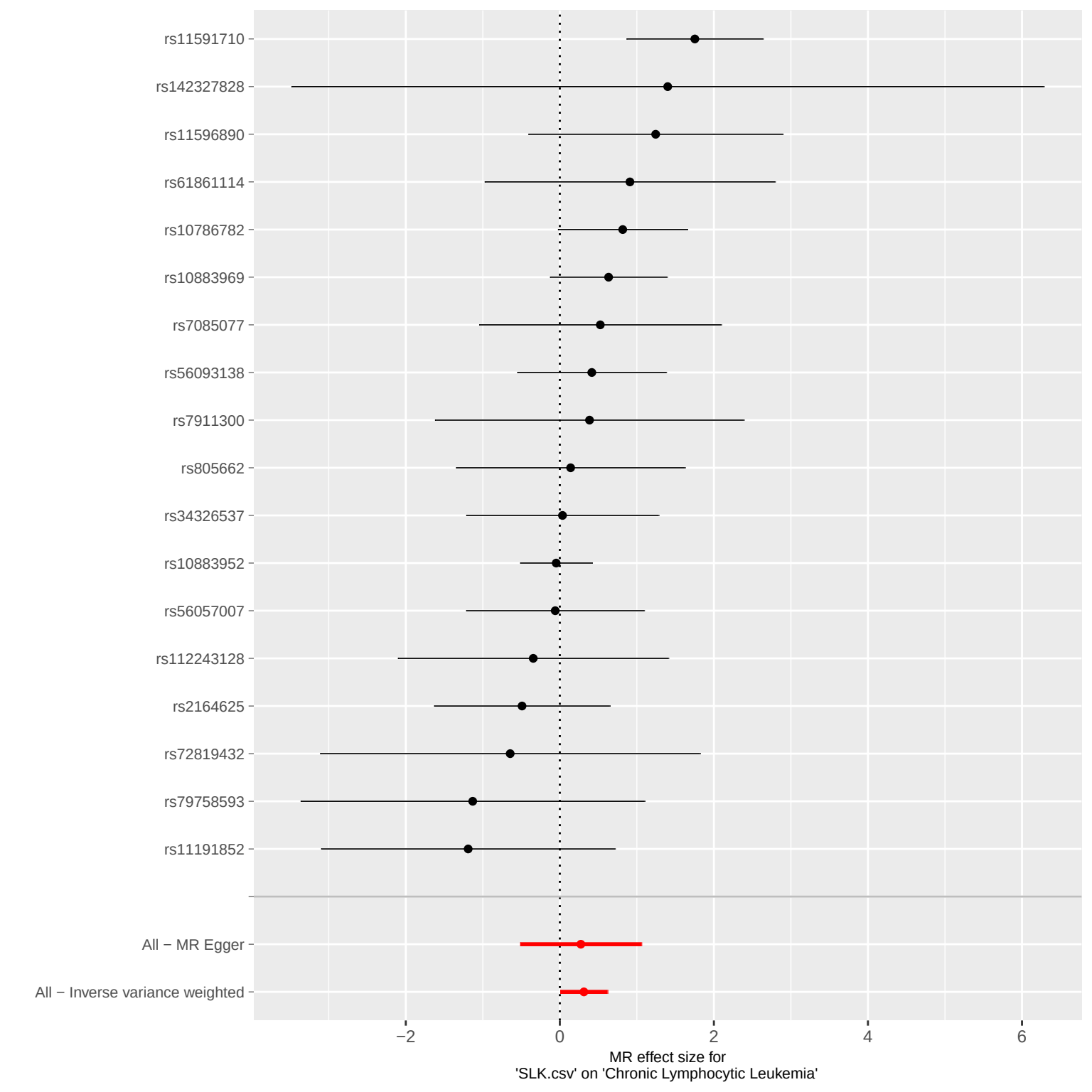
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SLC37A4.csv' on 'Chronic Lymphocytic Leukemia'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rs805662
rs34326537
rs10883952
rs56057007
rs112243128
rs2164625
rs72819432
rs79758593
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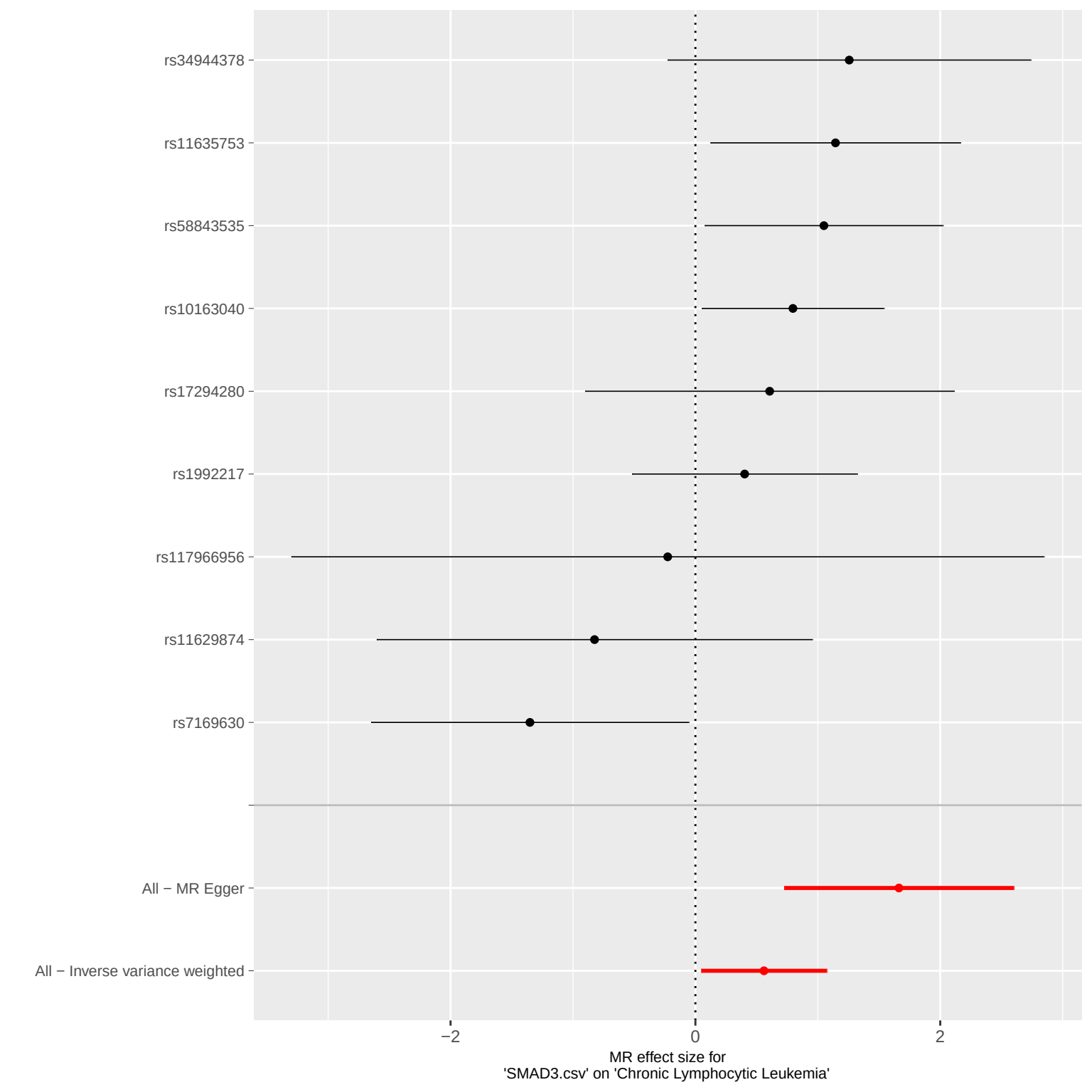
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
6
MR effect size for
'SLK.csv' on 'Chronic Lymphocytic Leukemia'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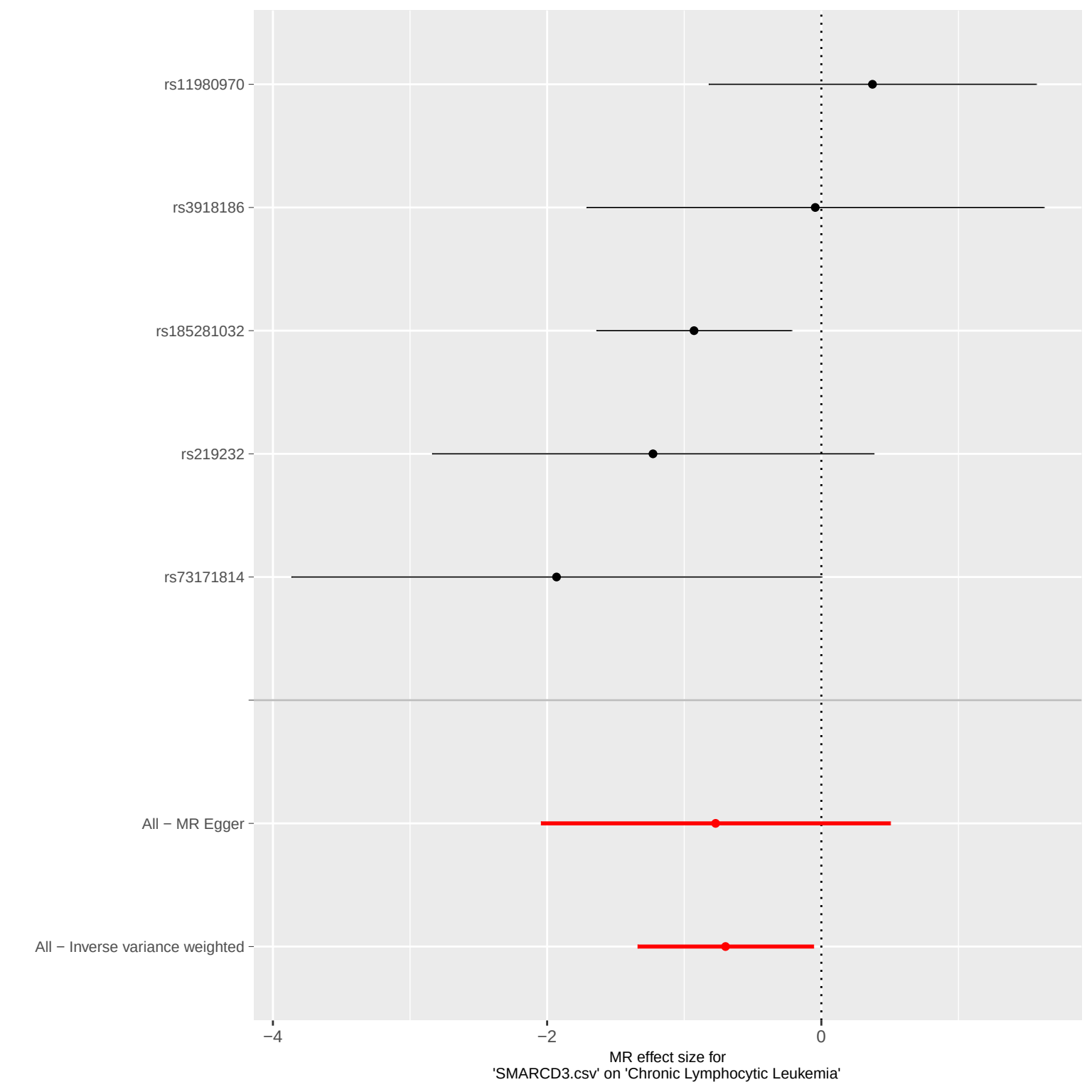
rs10163040
rs17294280
rs1992217
rs117966956
rs11629874
rs7169630
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SMAD3.csv' on 'Chronic Lymphocytic Leukemia'


rs11980970
rs3918186
rs185281032
rs219232
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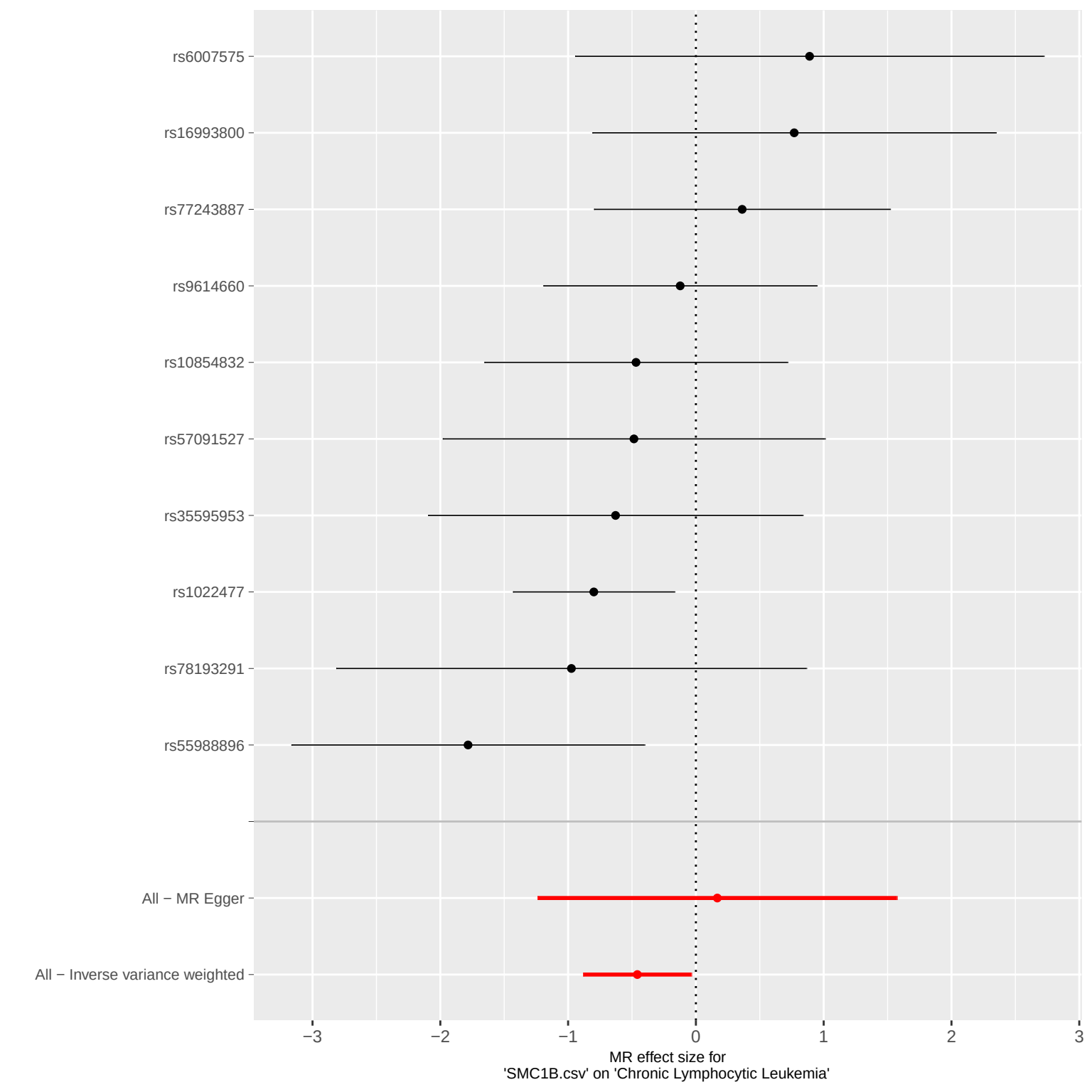
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'SMARCD3.csv' on 'Chronic Lymphocytic Leukemia'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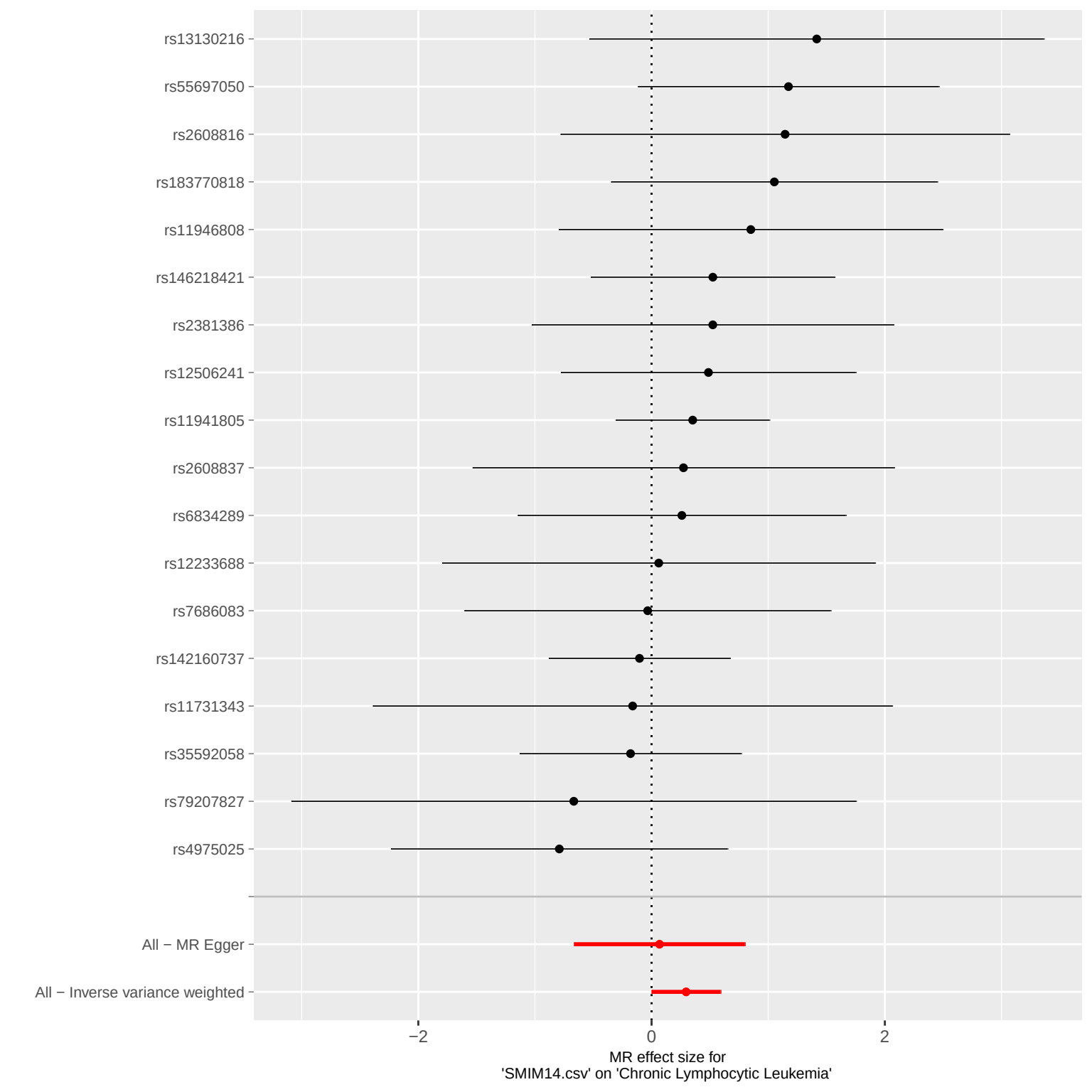
rs35595953
rs1022477
rs78193291
rs55988896
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'SMC1B.csv' on 'Chronic Lymphocytic Leukemia'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rs35592058
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All − MR Egger
All − Inverse variance weighted
−2
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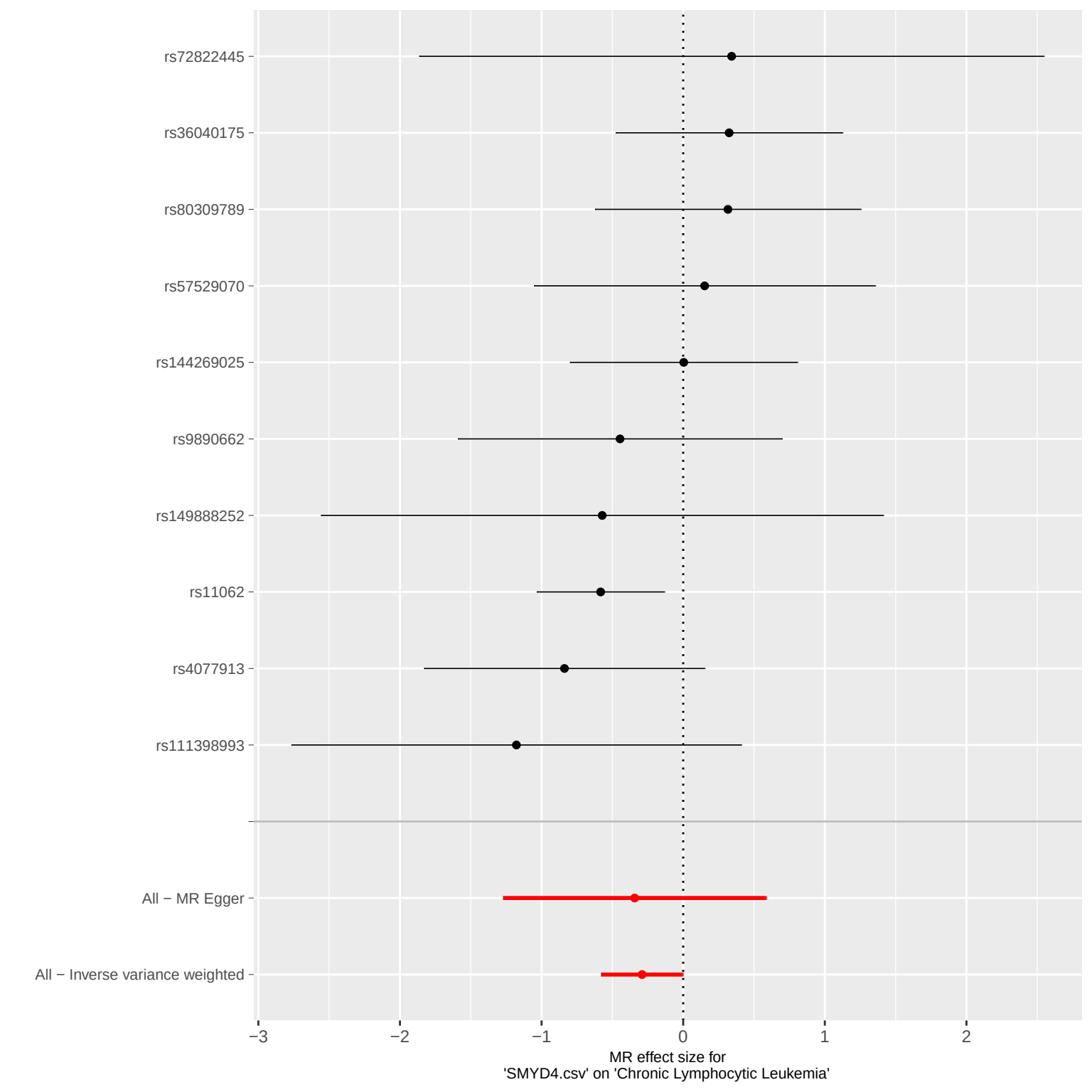
MR effect size for
'SMIM14.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
−1
0
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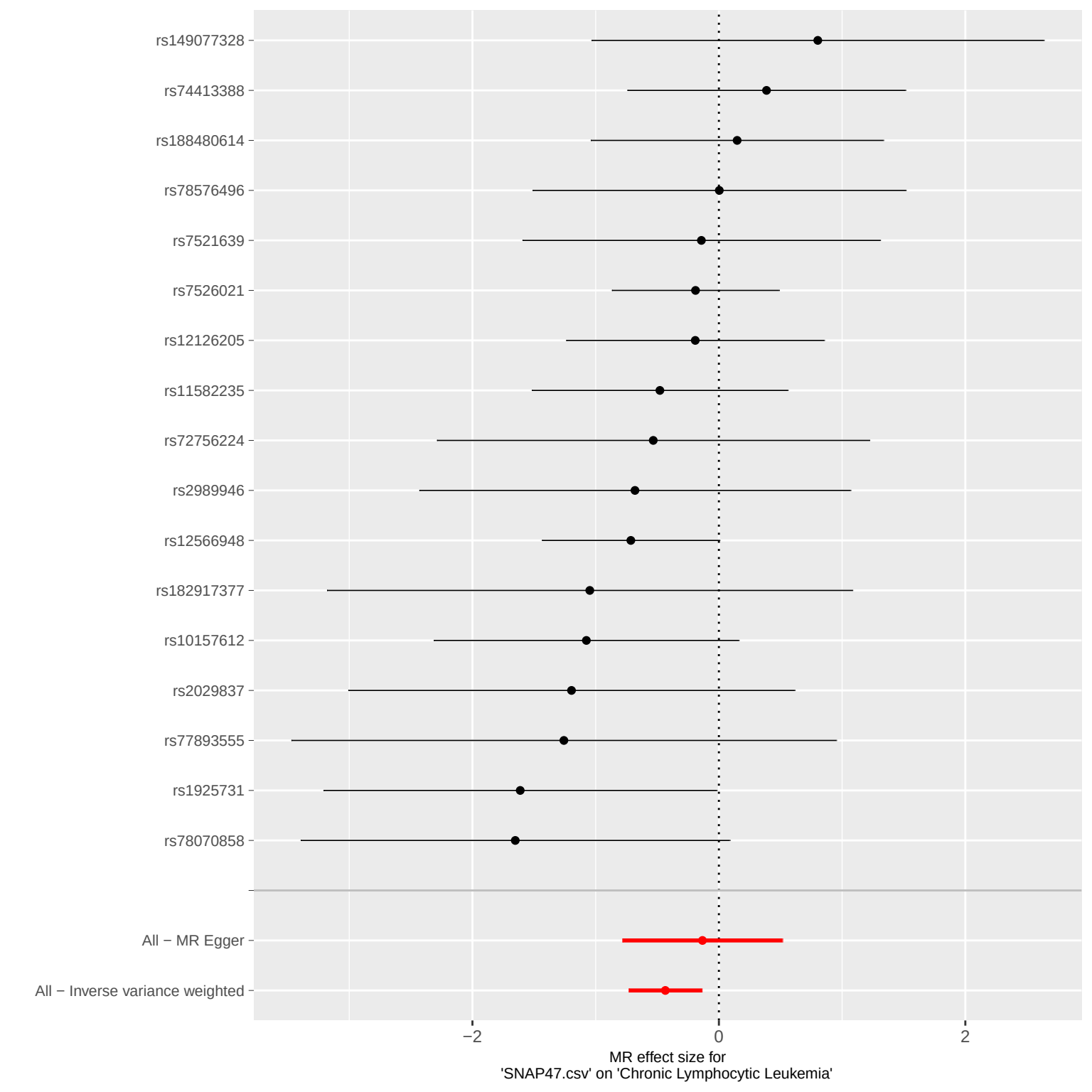
2
MR effect size for
'SMYD4.csv' on 'Chronic Lymphocytic Leukemia'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rs2029837
rs77893555
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All − MR Egger
All − Inverse variance weighted
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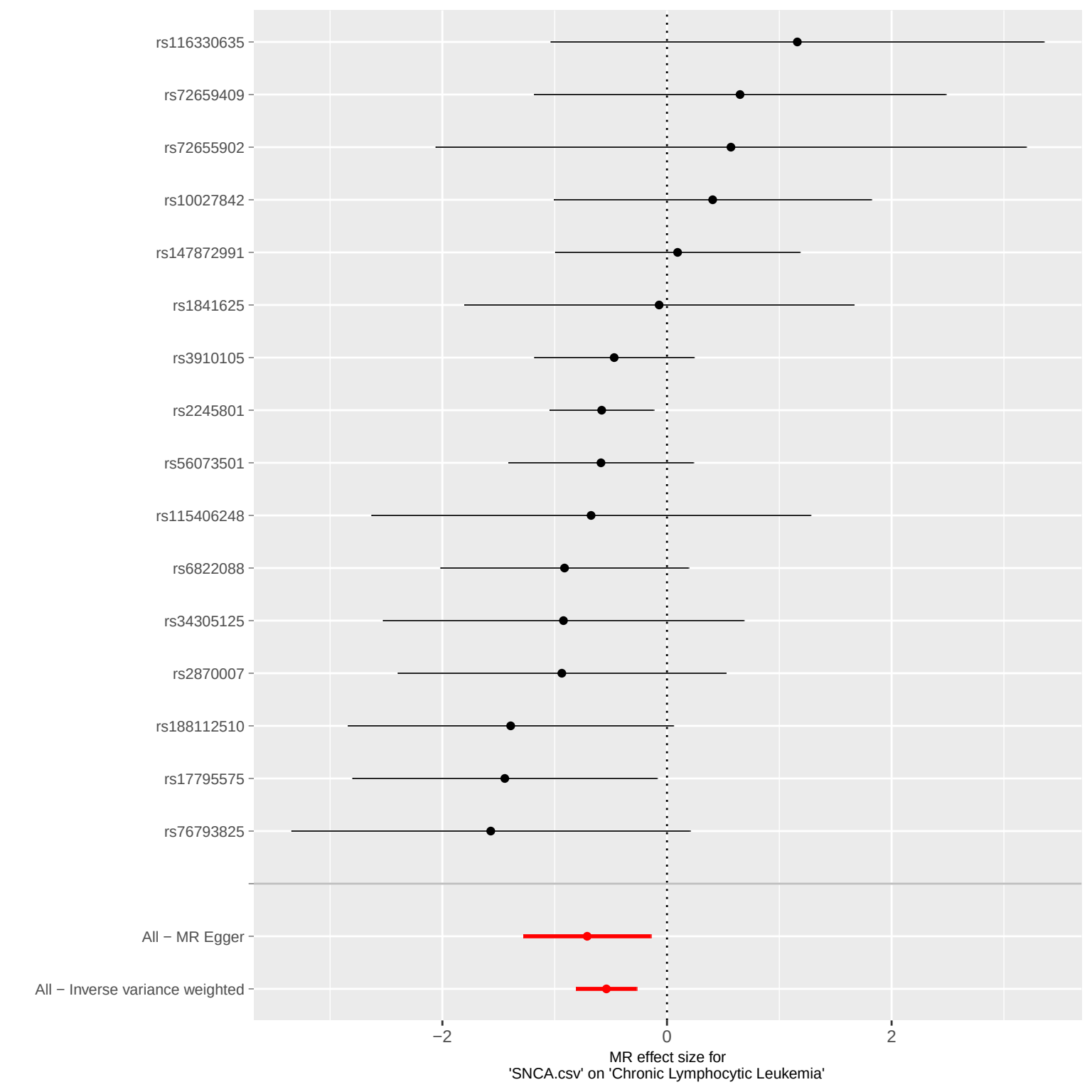
MR effect size for
'SNAP47.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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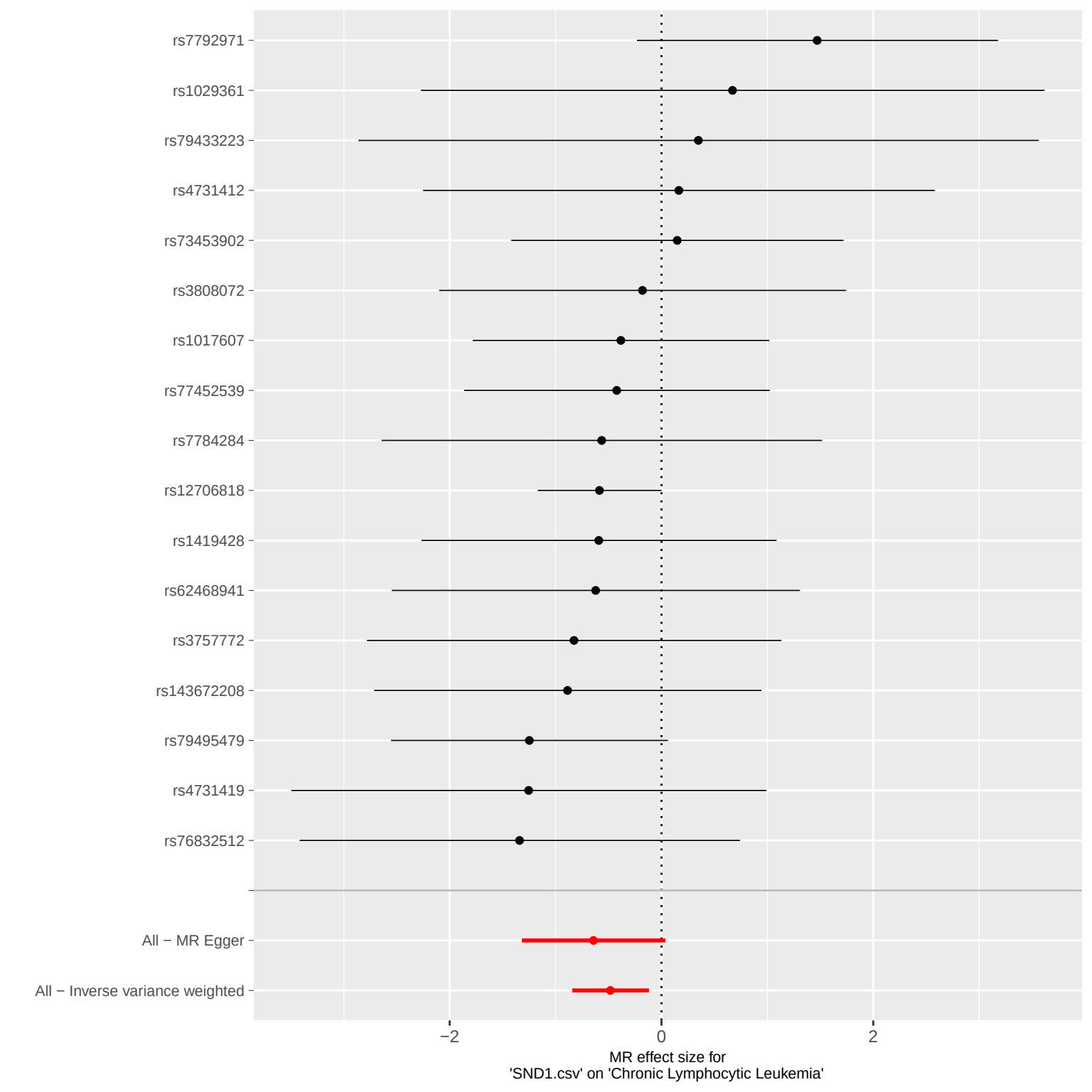
MR effect size for
'SNCA.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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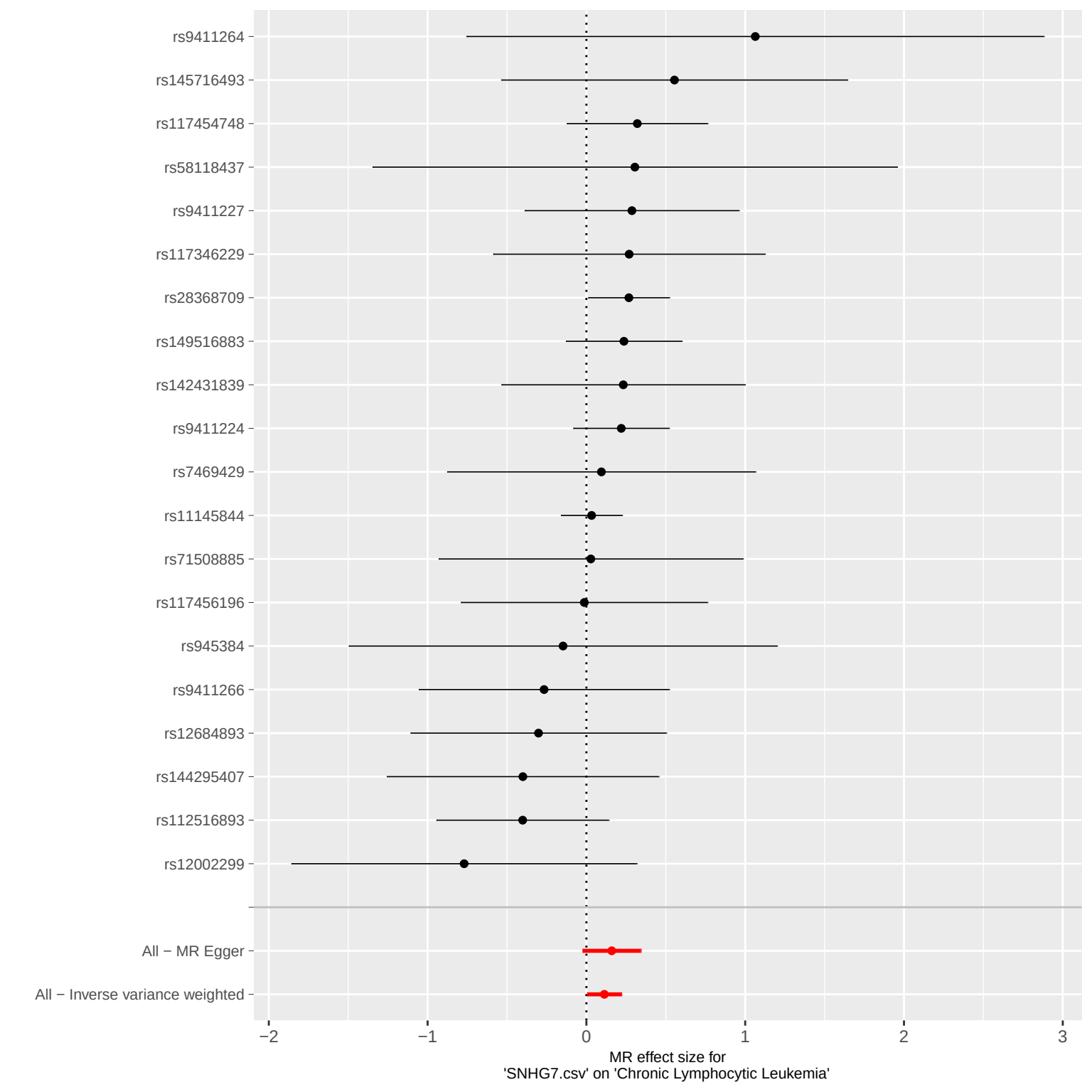
MR effect size for
'SND1.csv' on 'Chronic Lymphocytic Leukemia'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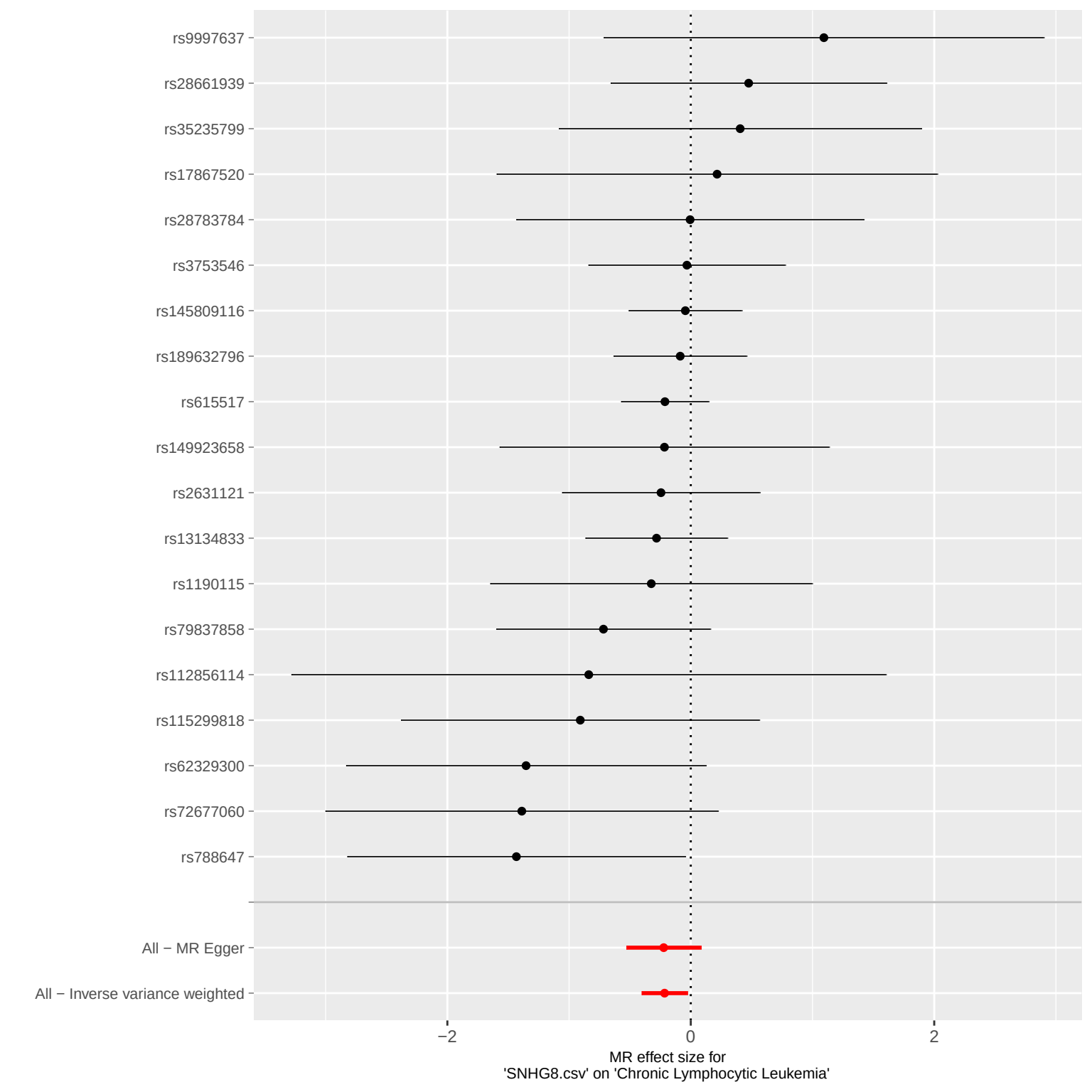
rs144295407
rs112516893
rs12002299
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'SNHG7.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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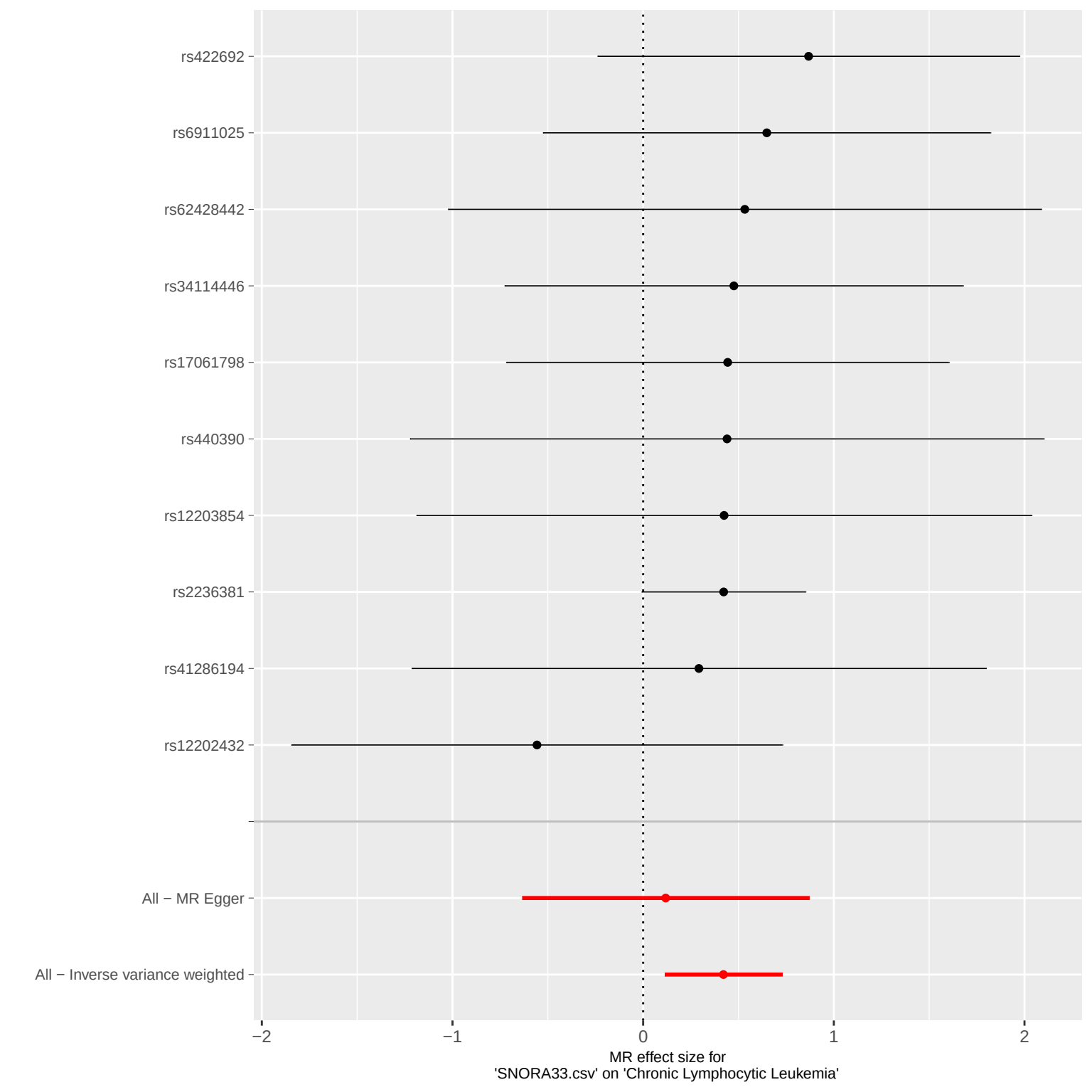
MR effect size for
'SNHG8.csv' on 'Chronic Lymphocytic Leukemia'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rs440390
rs12203854
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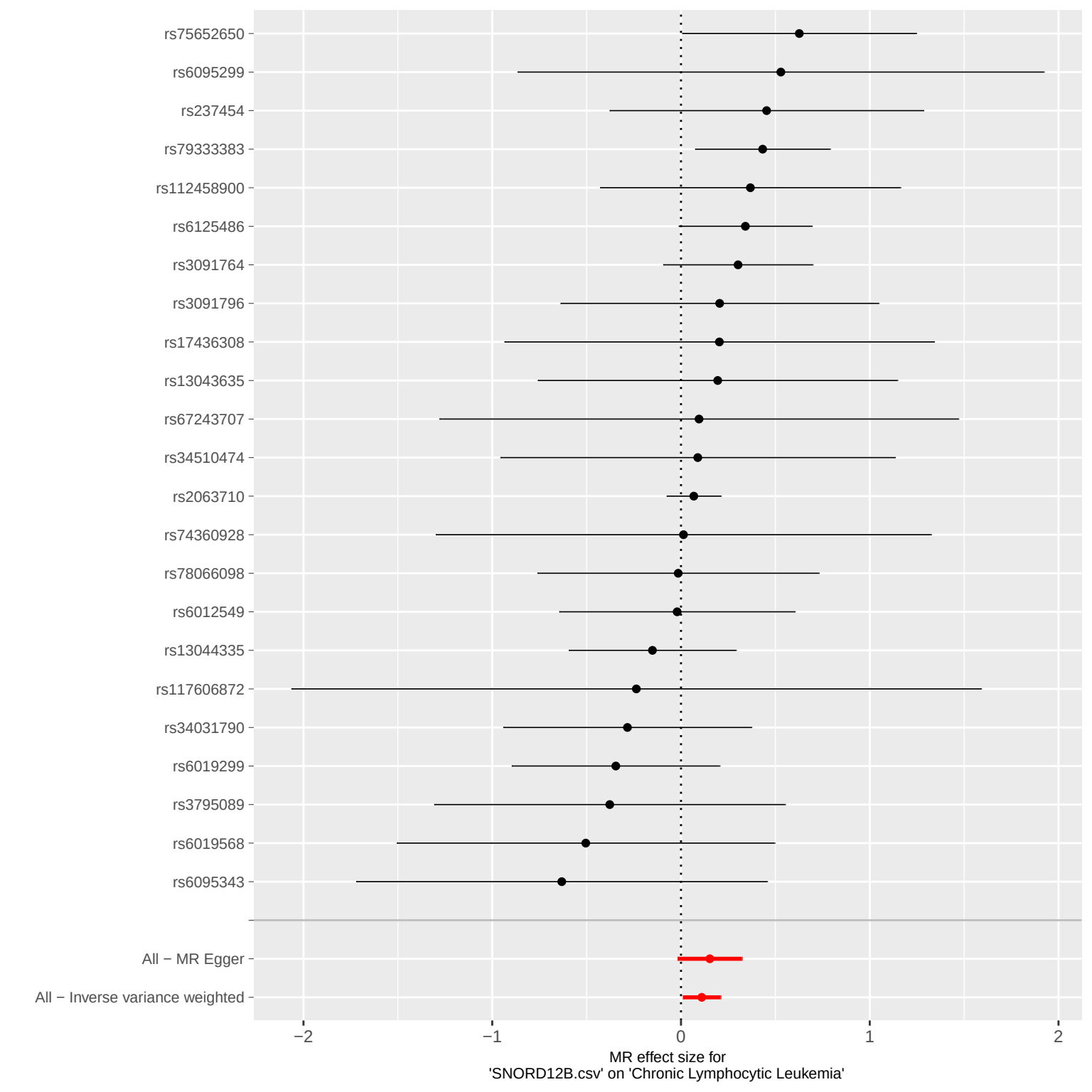
rs41286194
rs12202432
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'SNORA33.csv' on 'Chronic Lymphocytic Leukemia'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rs6095343
All − MR Egger
All − Inverse variance weighted
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−1
0
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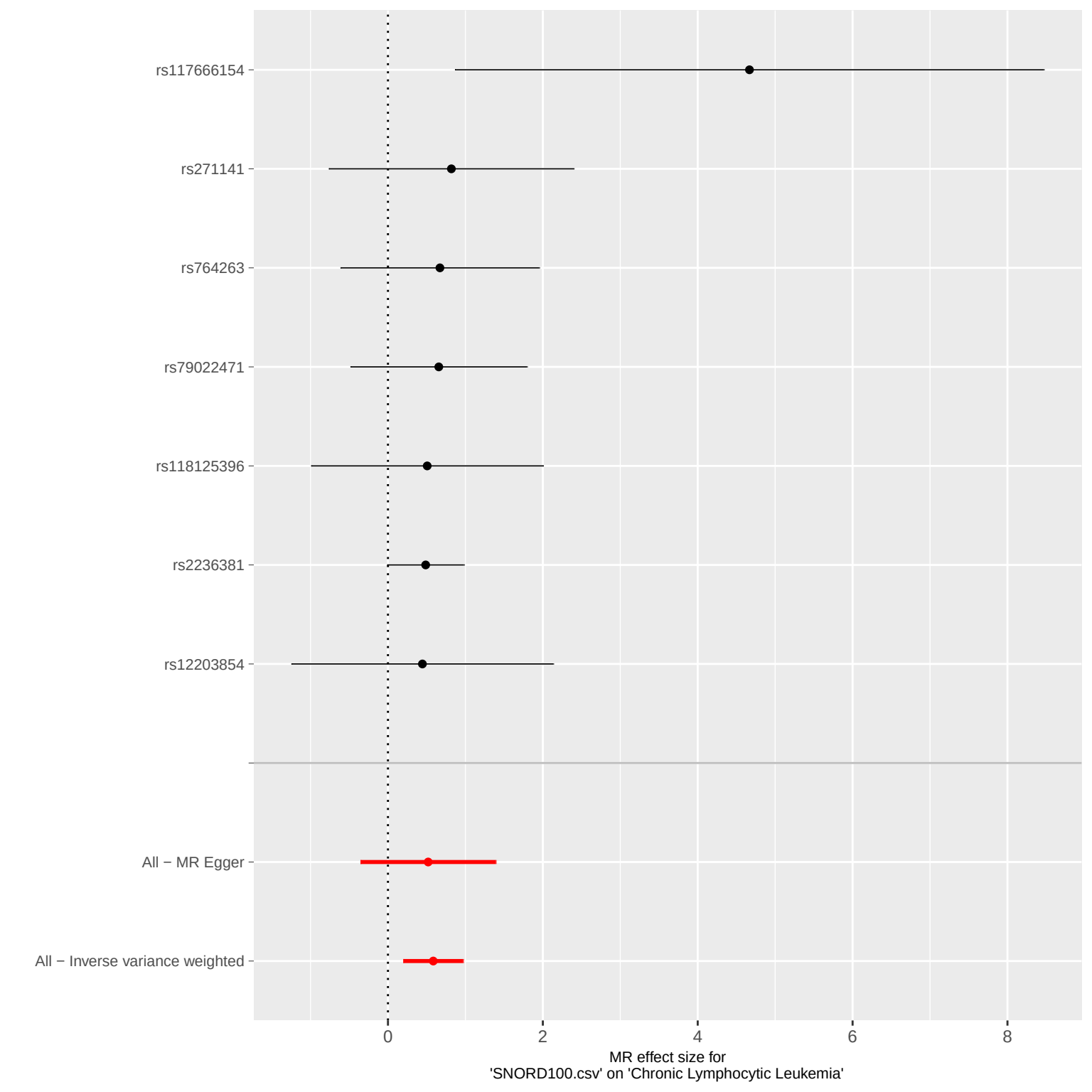
2
MR effect size for
'SNORD12B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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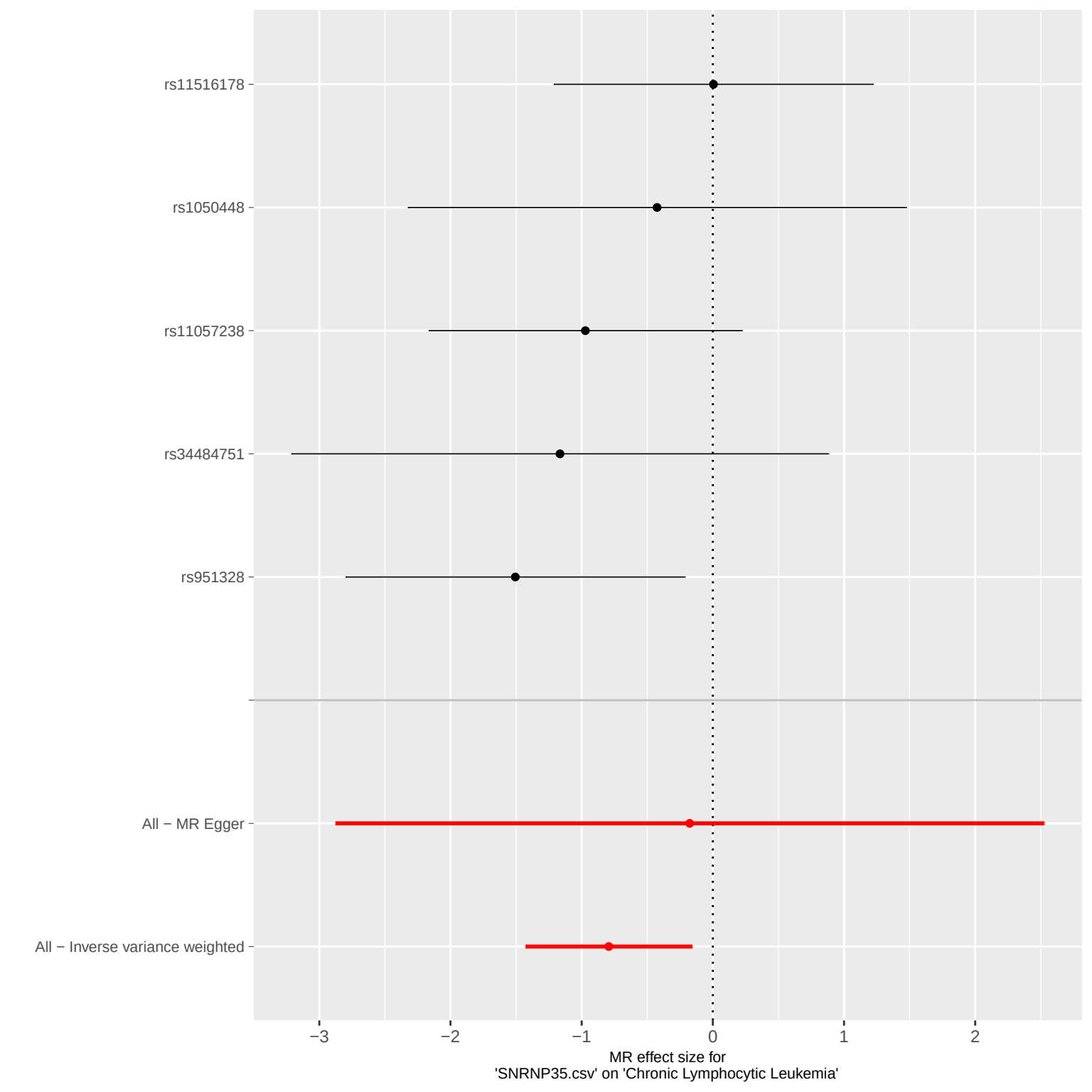
4
6
8
MR effect size for
'SNORD100.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−2
−1
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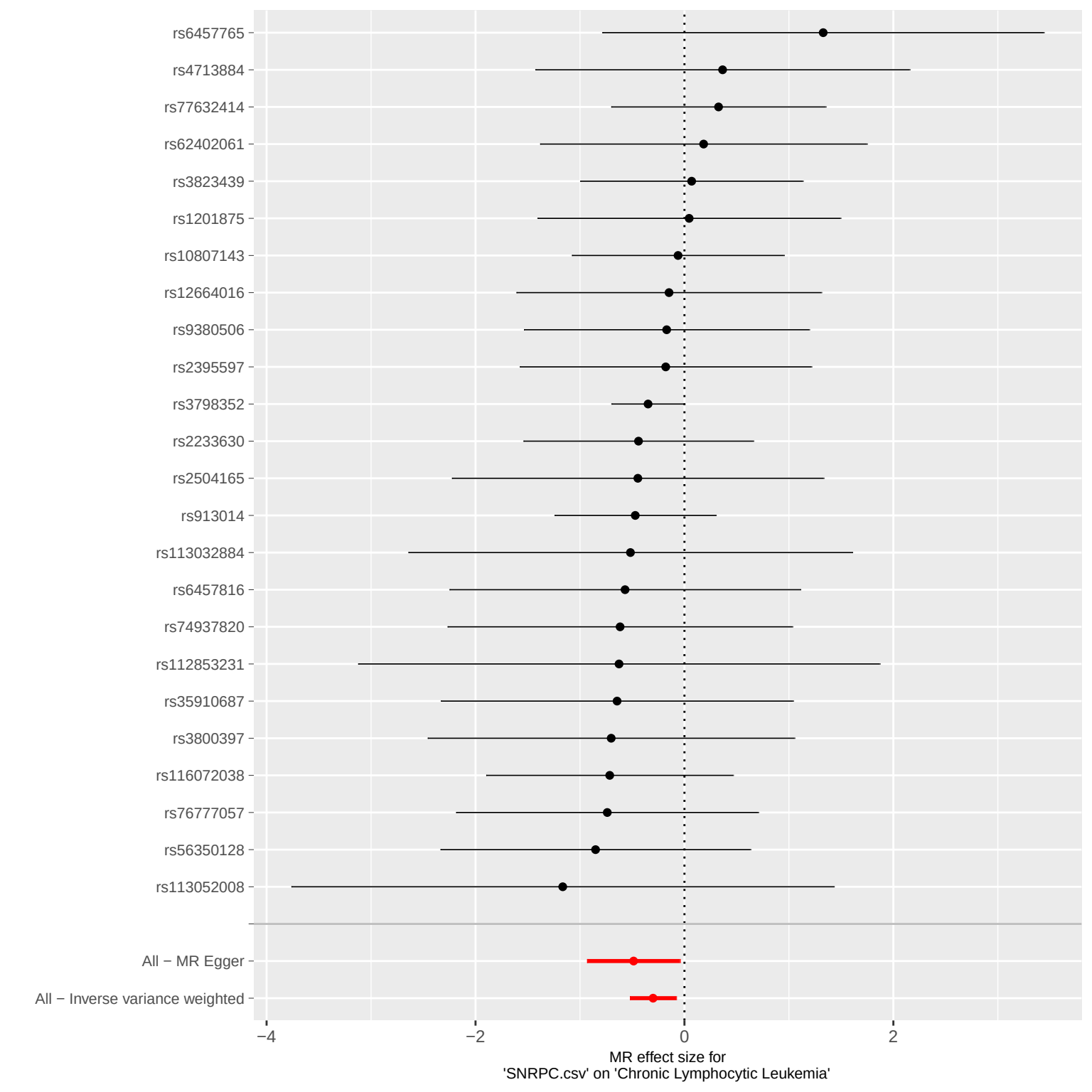
MR effect size for
'SNRNP35.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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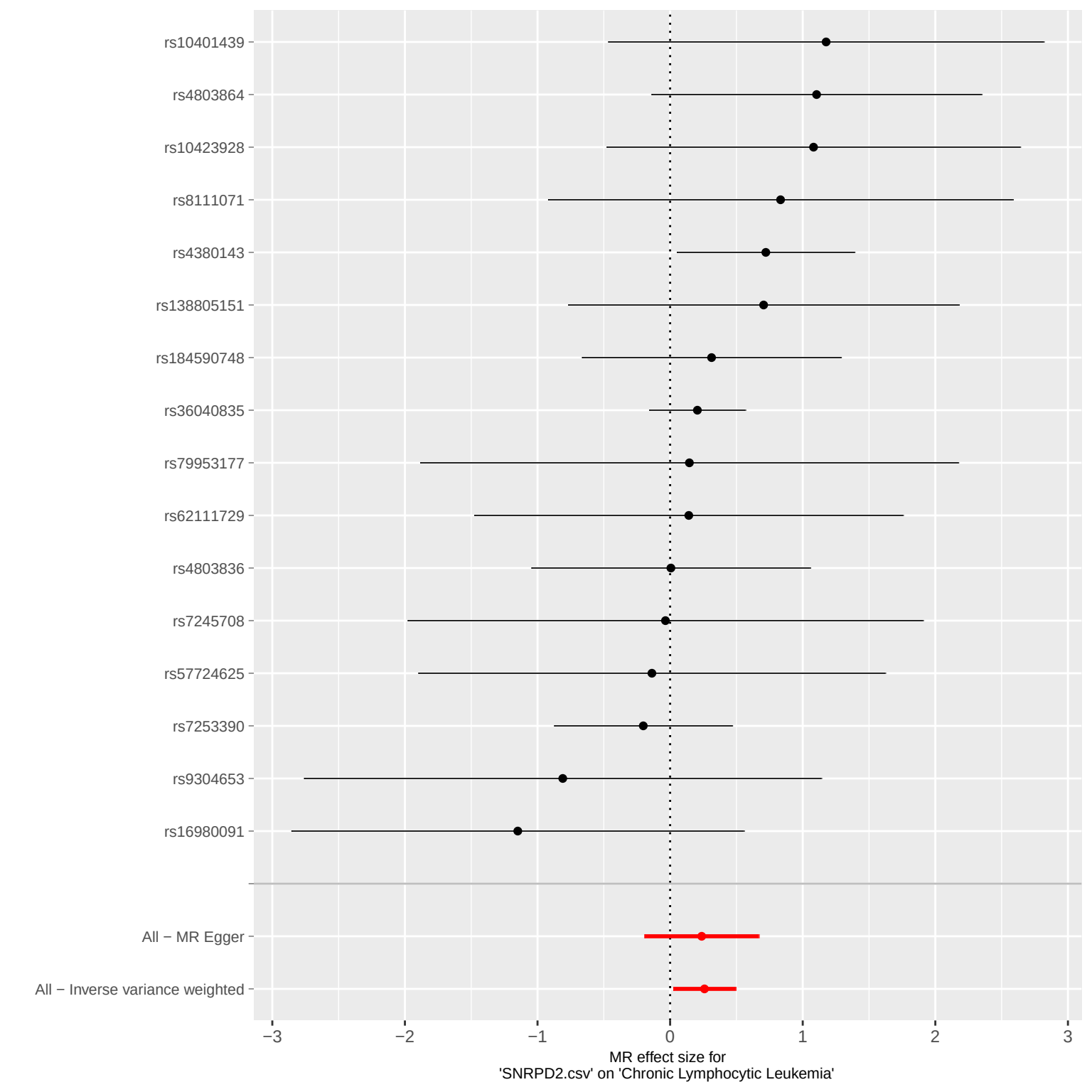
MR effect size for
'SNRPC.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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2
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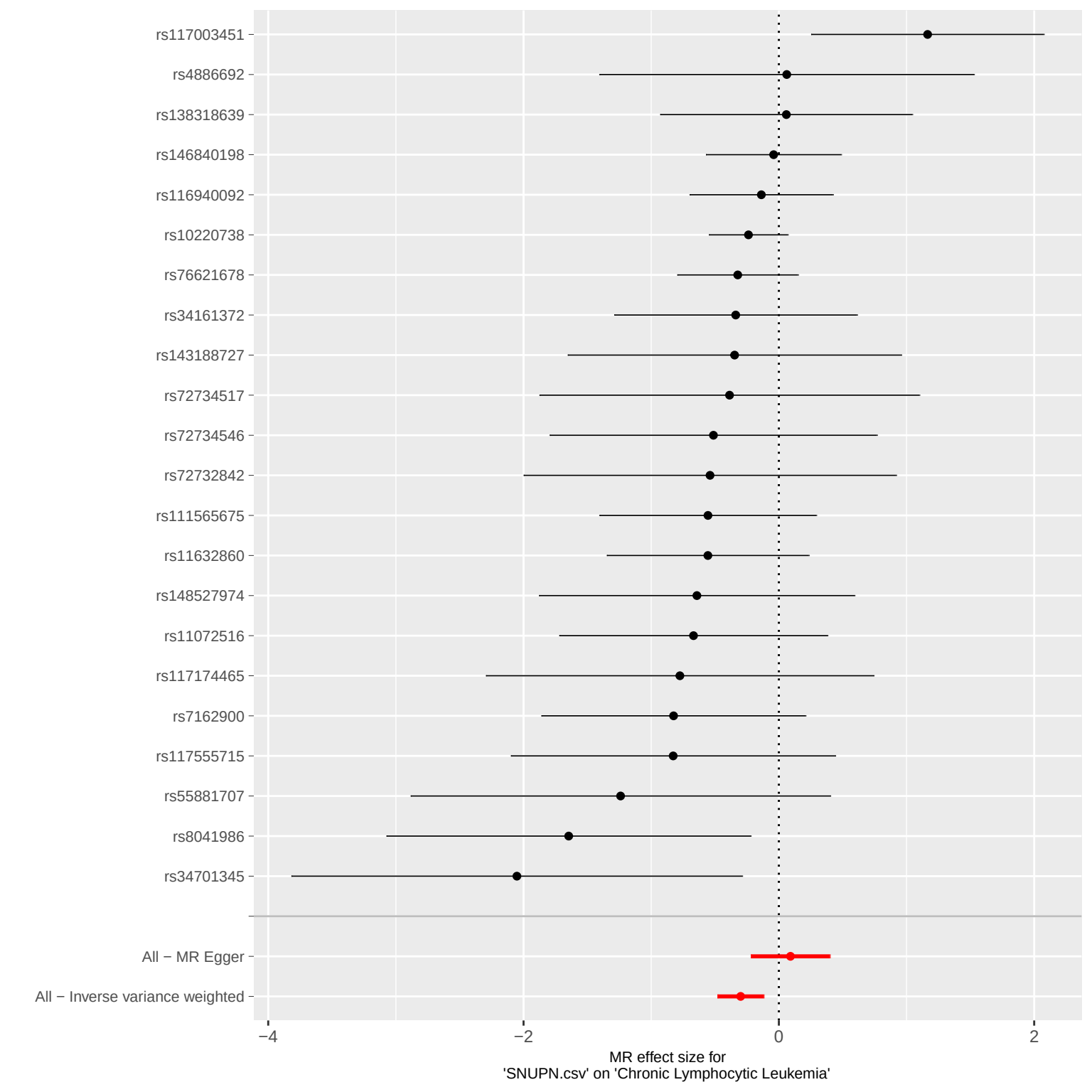
MR effect size for
'SNRPD2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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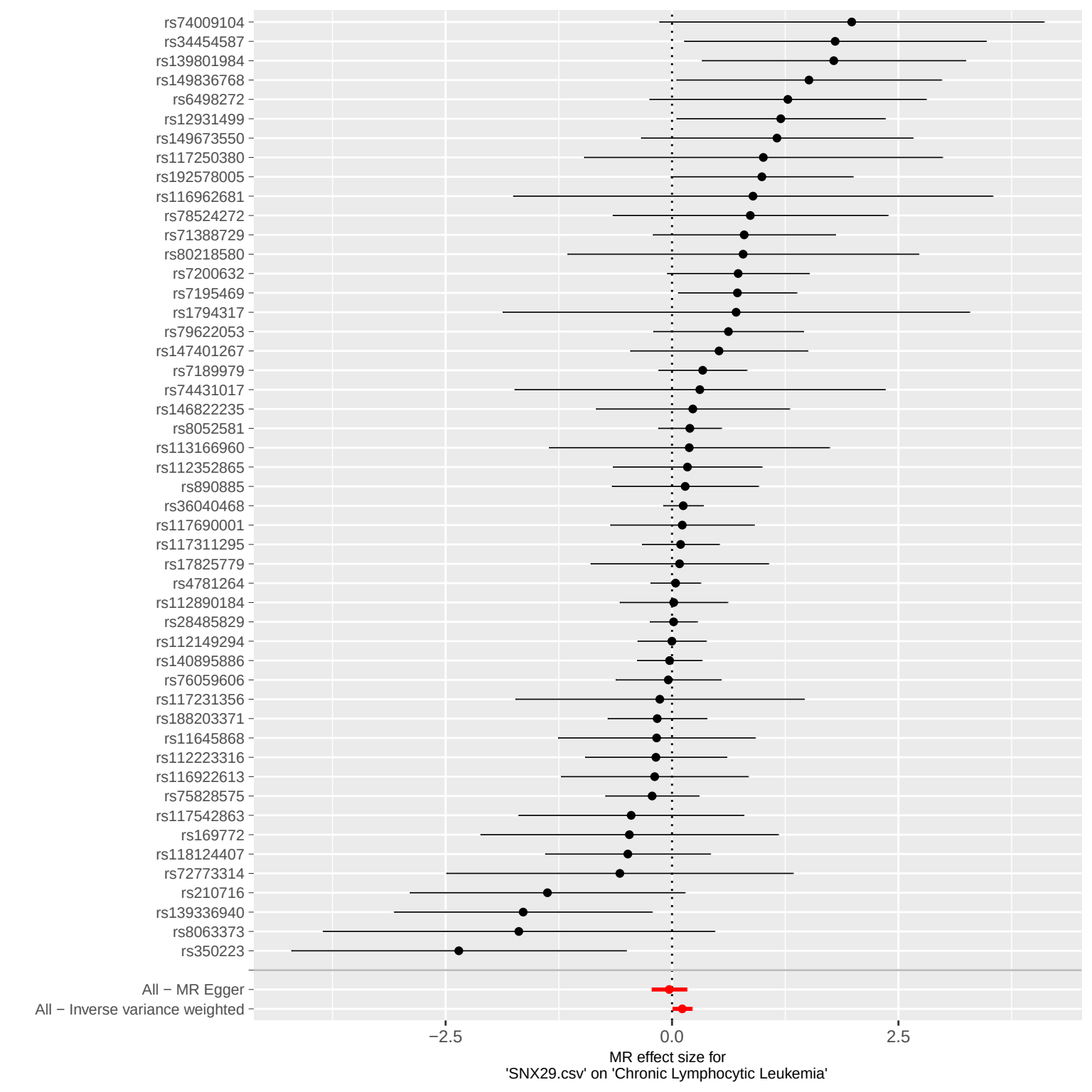
MR effect size for
'SNUPN.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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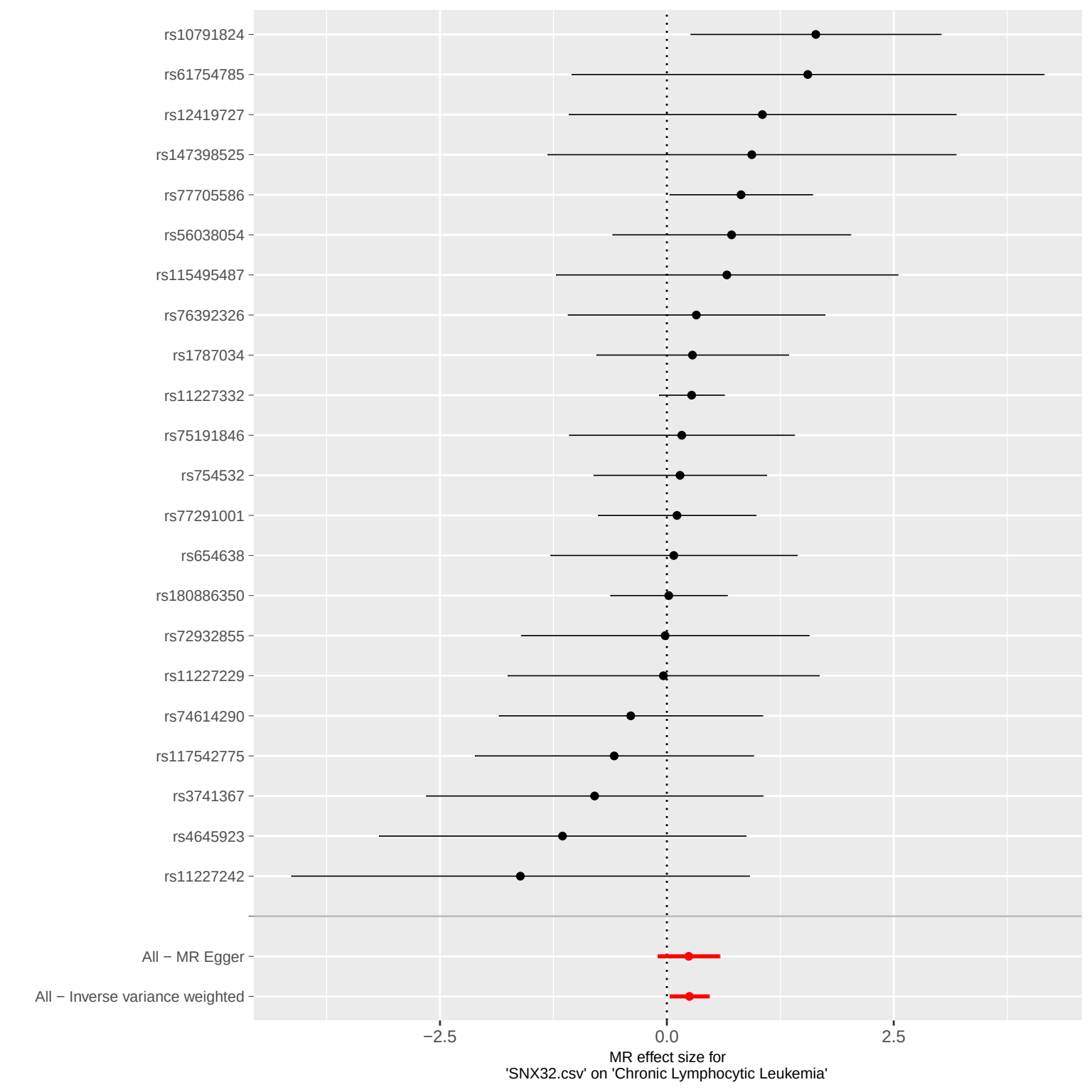
0.0
2.5
MR effect size for
'SNX29.csv' on 'Chronic Lymphocytic Leukemia'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rs74614290
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rs3741367
rs4645923
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All − MR Egger
All − Inverse variance weighted
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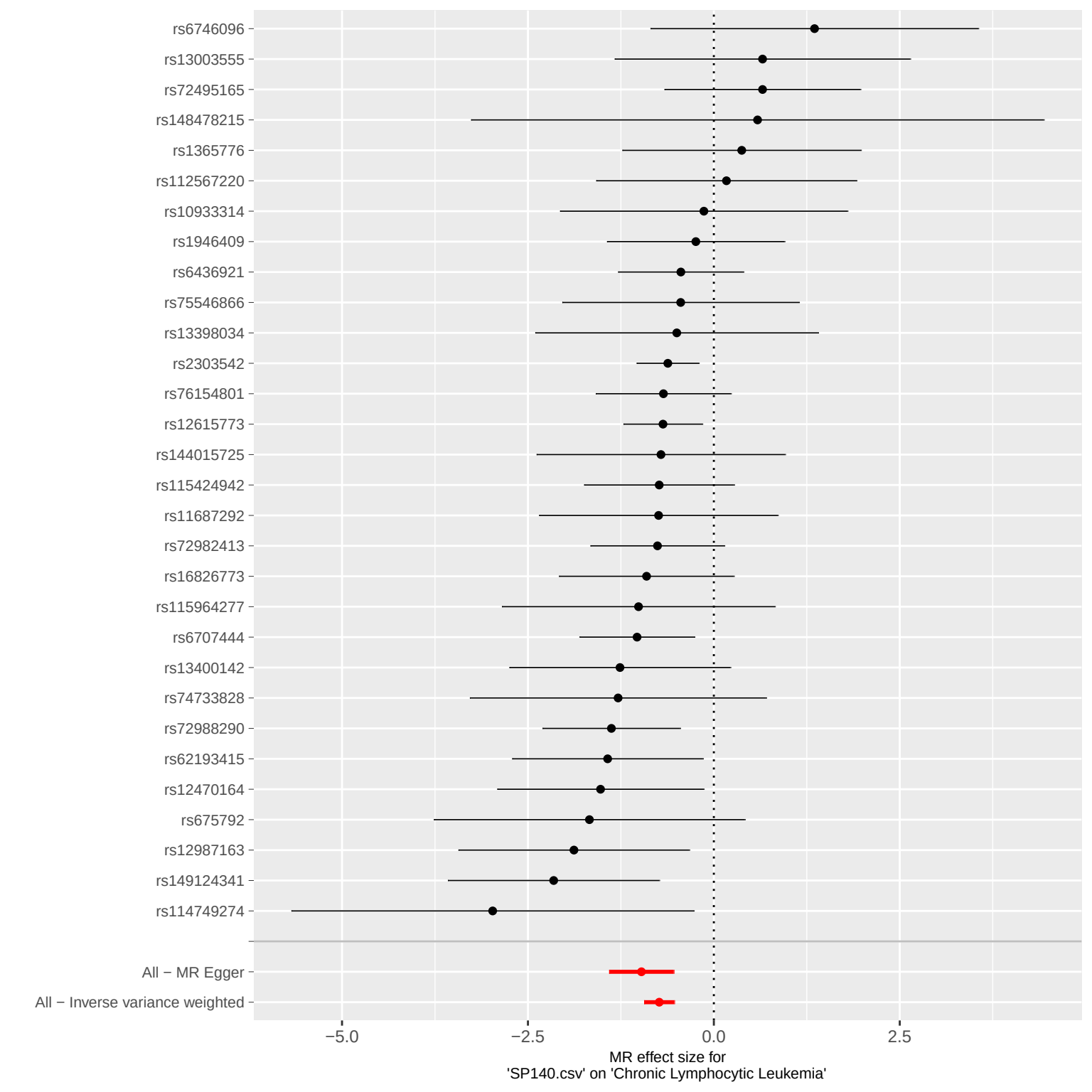
0.0
2.5
MR effect size for
'SNX32.csv' on 'Chronic Lymphocytic Leukemia'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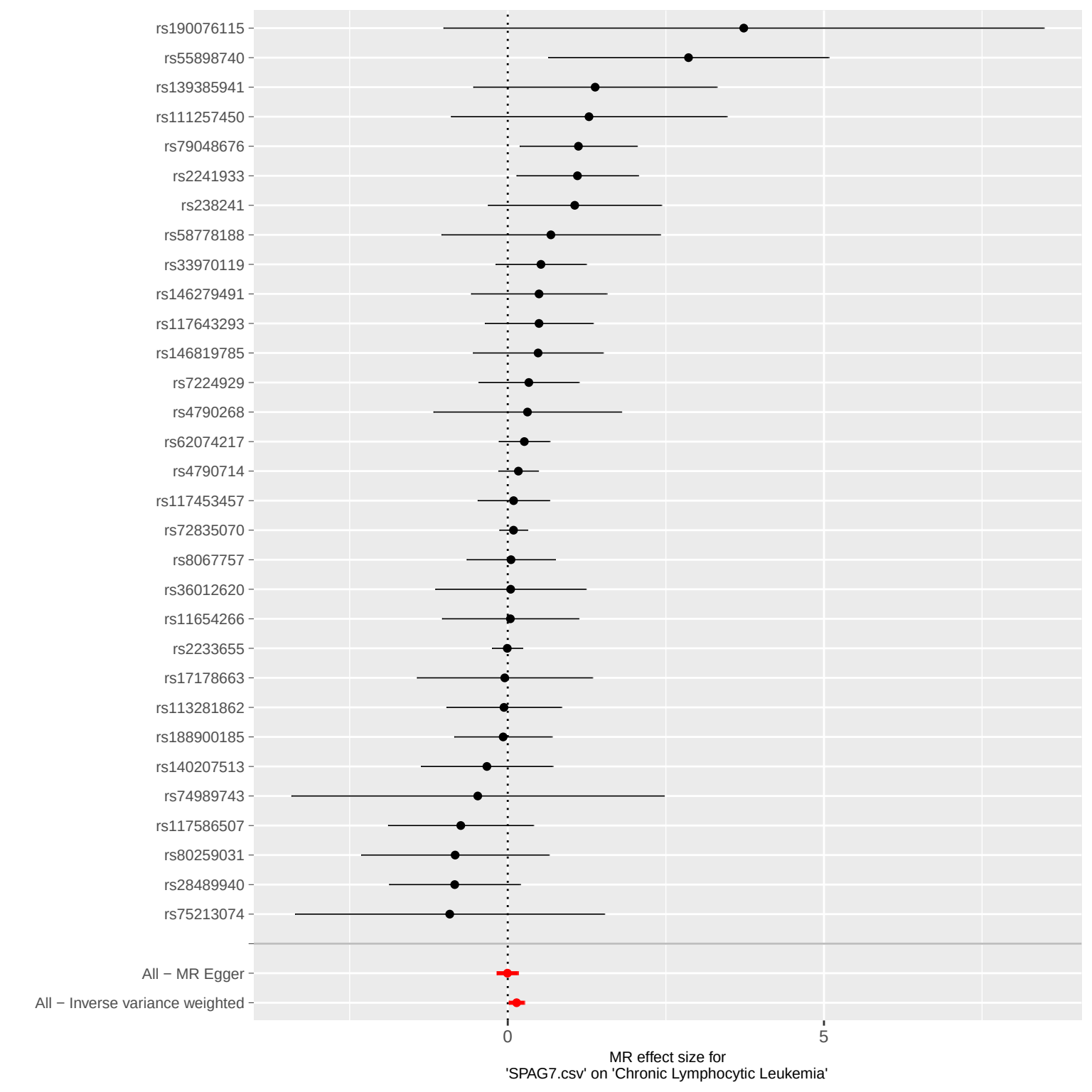
MR effect size for
'SP140.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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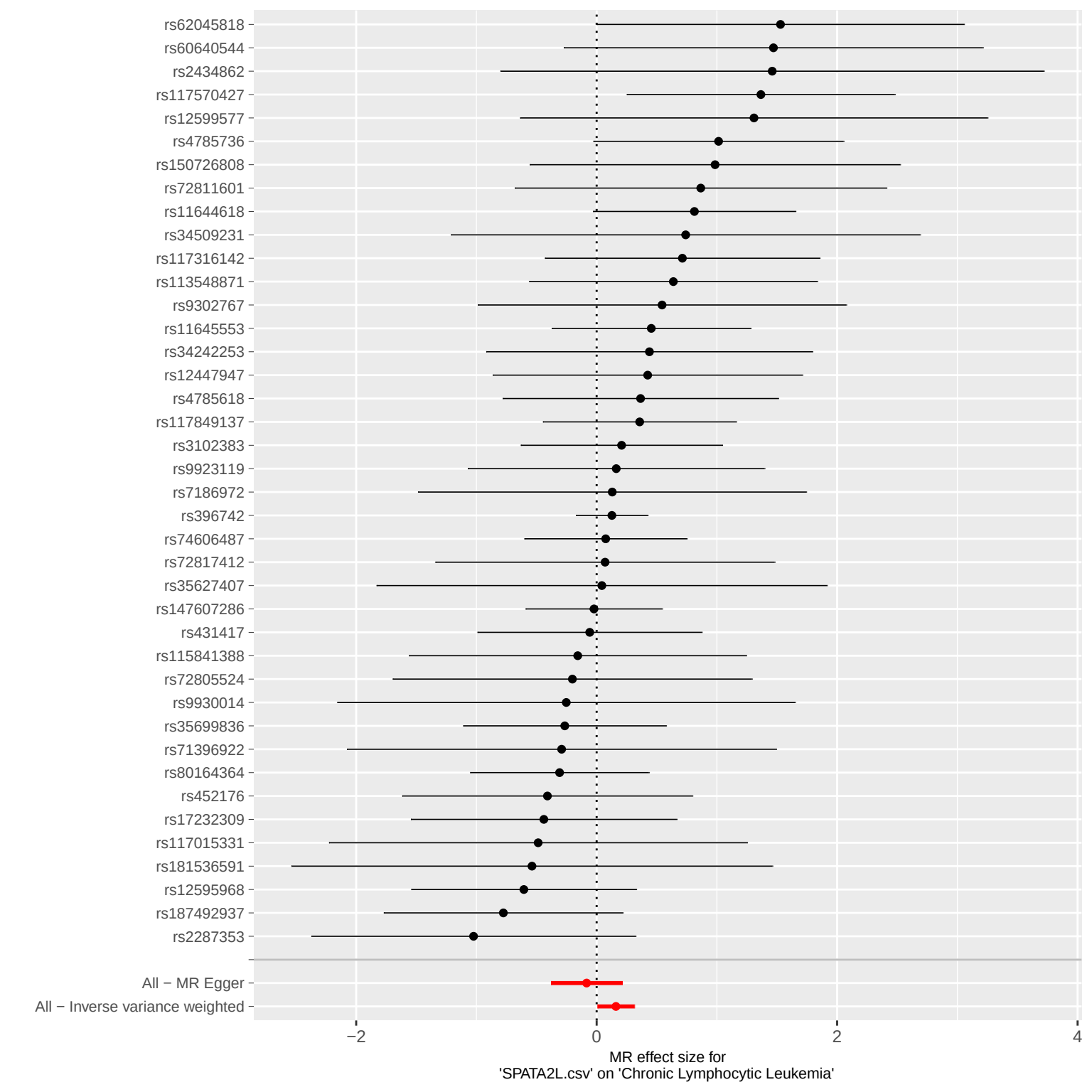
MR effect size for
'SPAG7.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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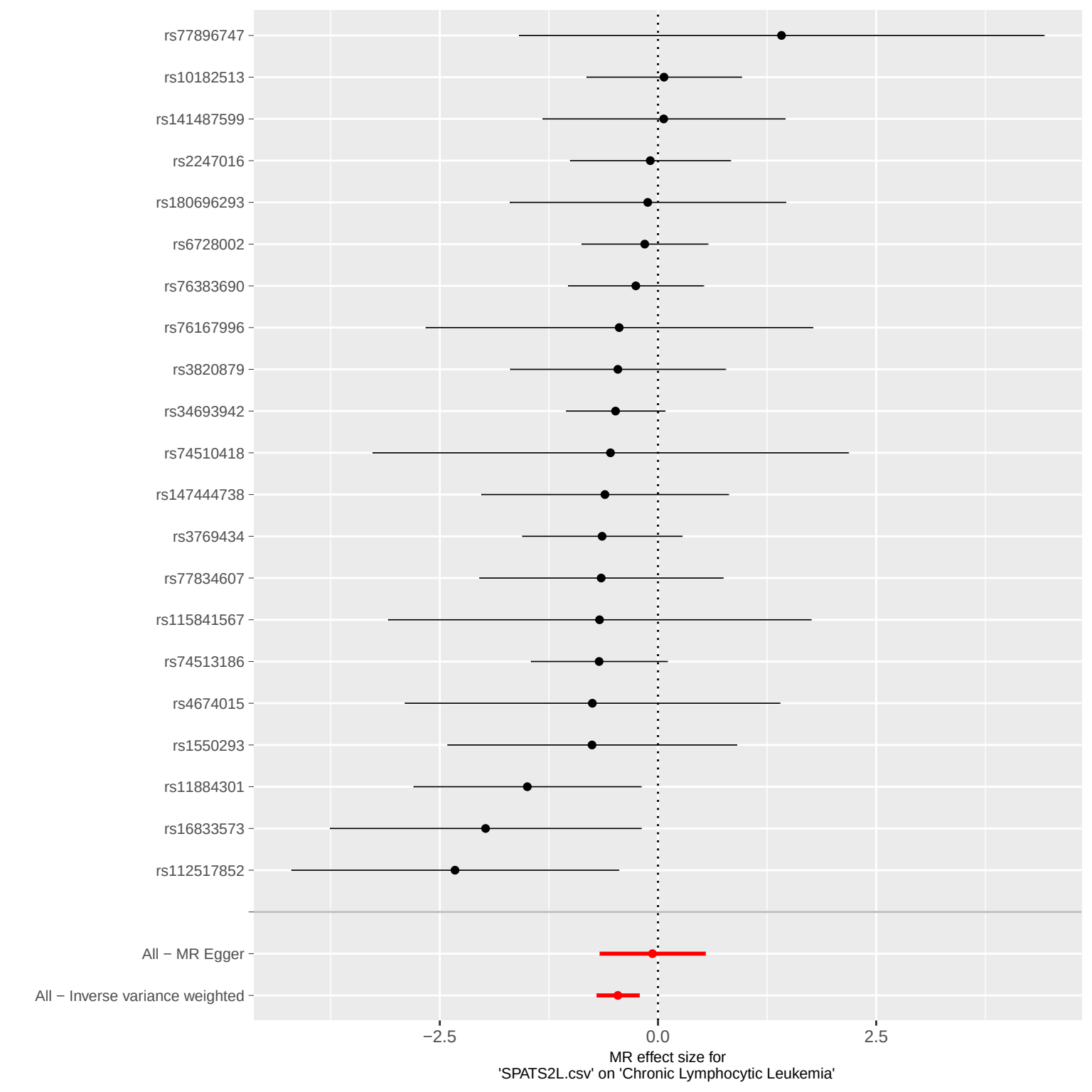
2
4
MR effect size for
'SPATA2L.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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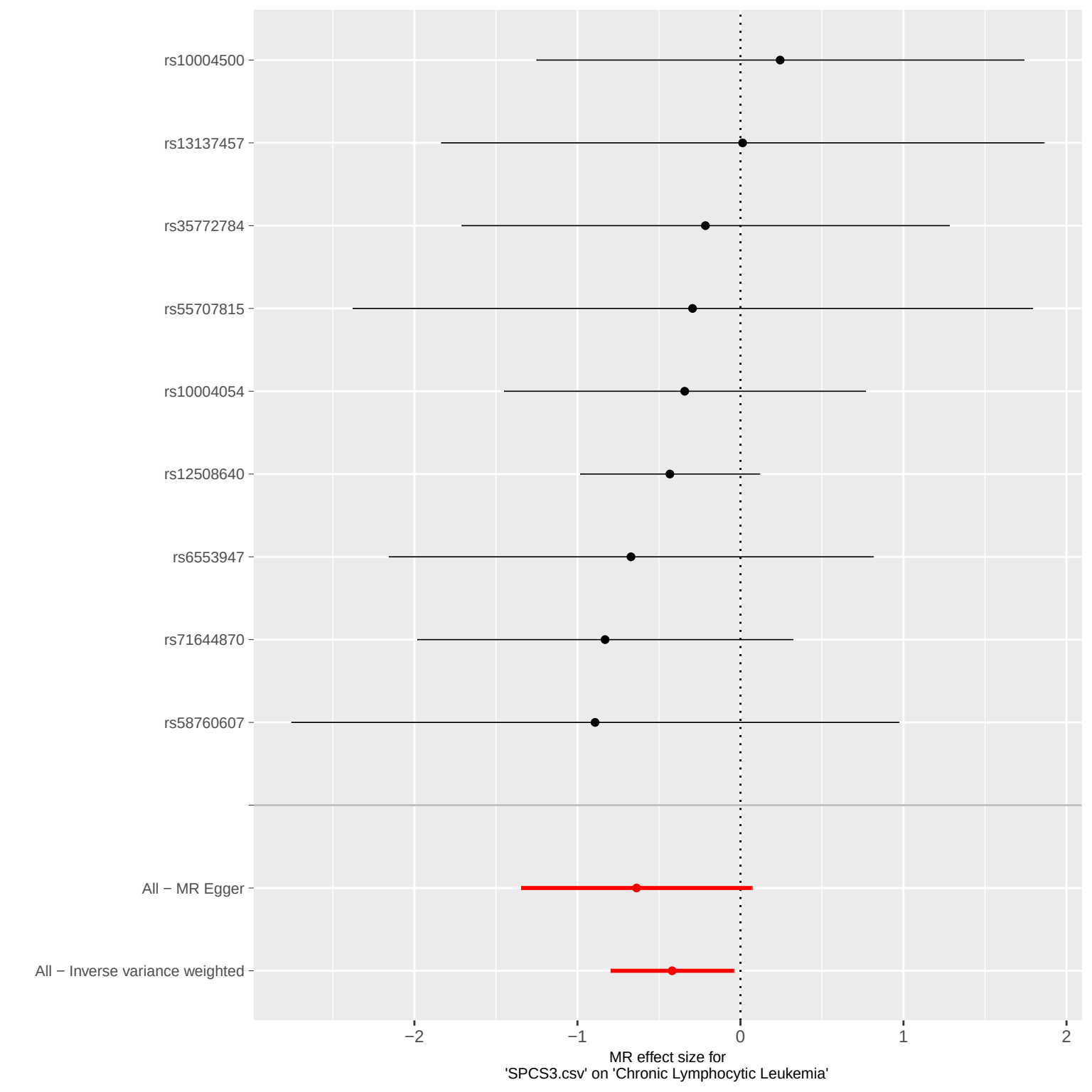
MR effect size for
'SPATS2L.csv' on 'Chronic Lymphocytic Leukemia'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rs71644870
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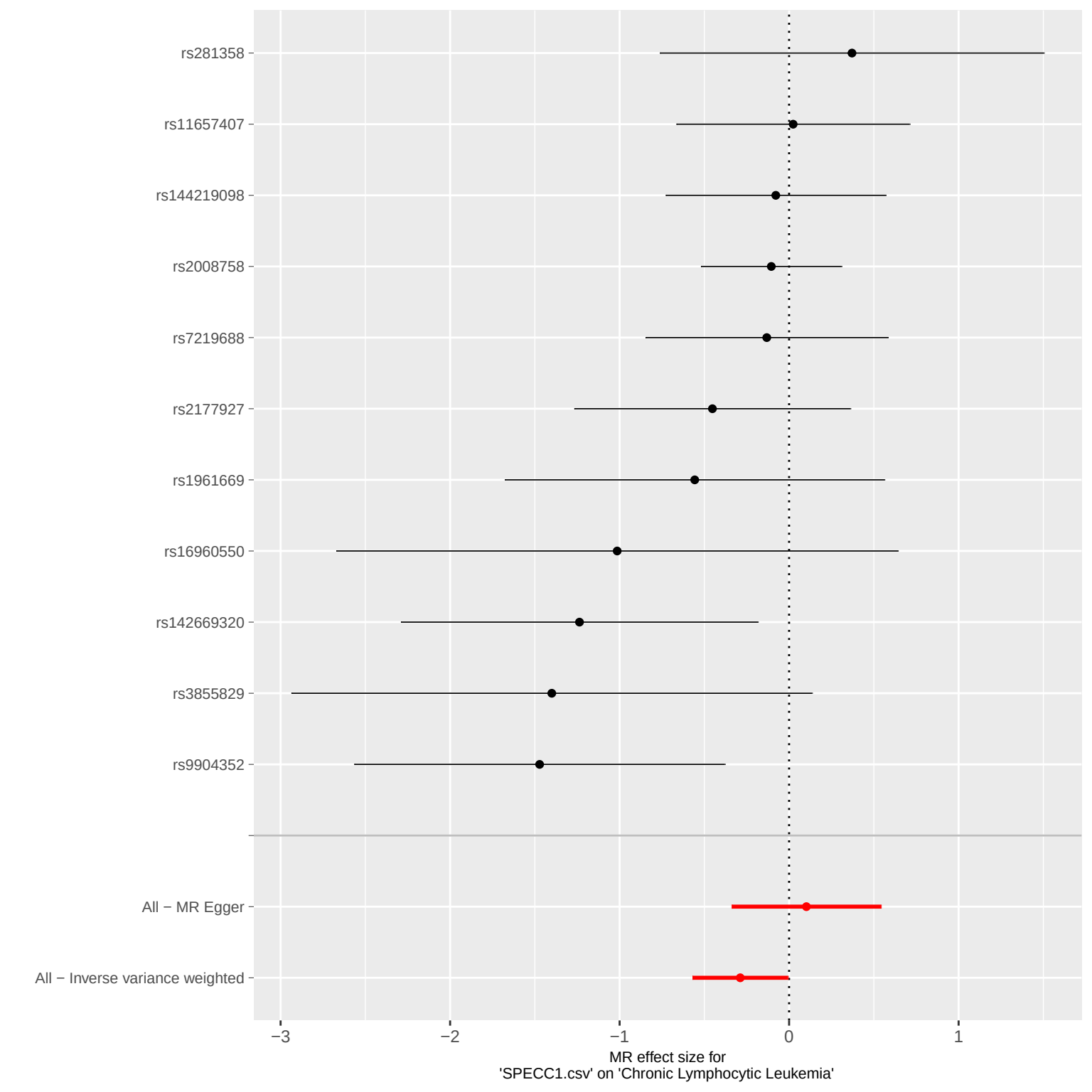
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'SPCS3.csv' on 'Chronic Lymphocytic Leukemia'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rs9904352
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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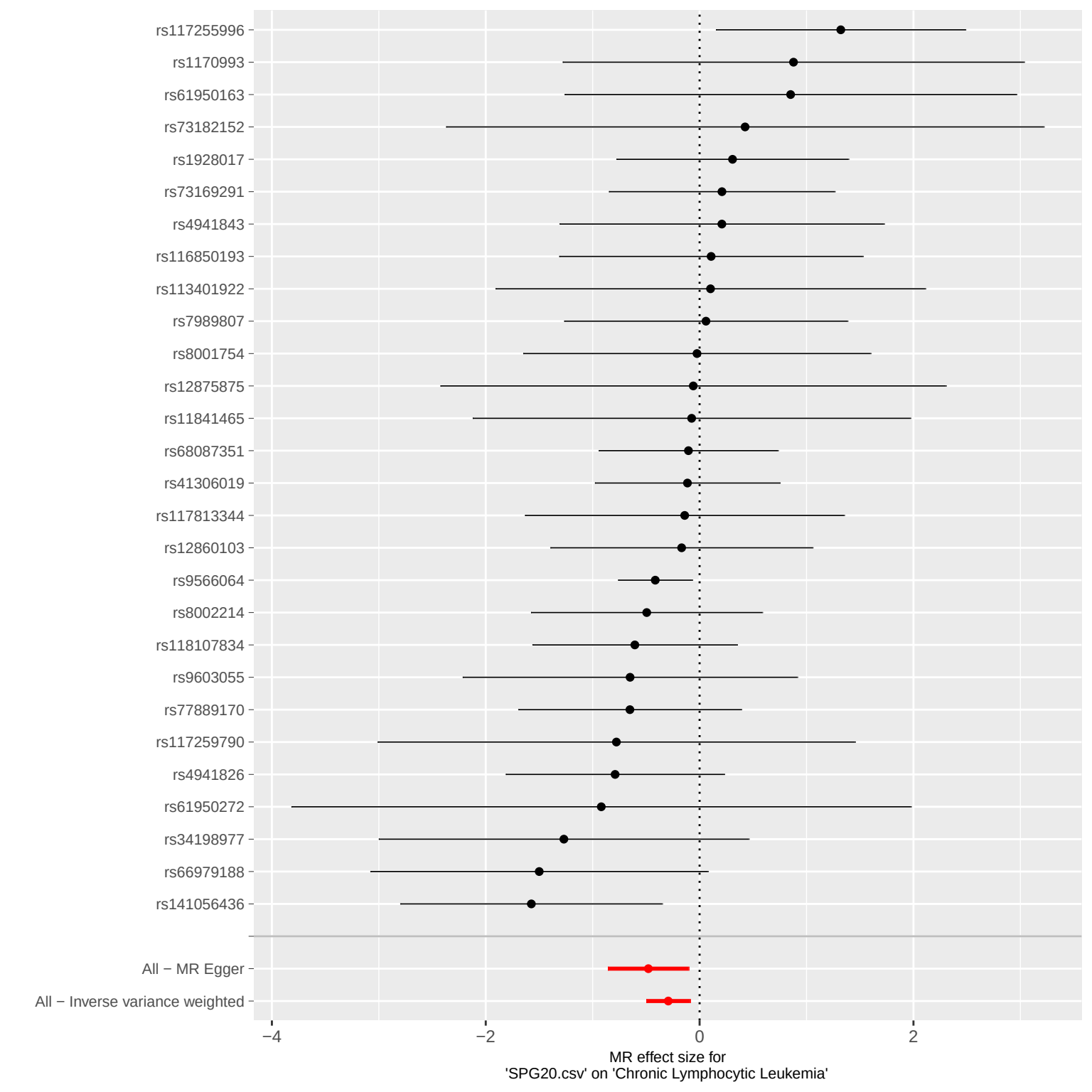
MR effect size for
'SPECC1.csv' on 'Chronic Lymphocytic Leukemia'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rs117259790
rs4941826
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rs66979188
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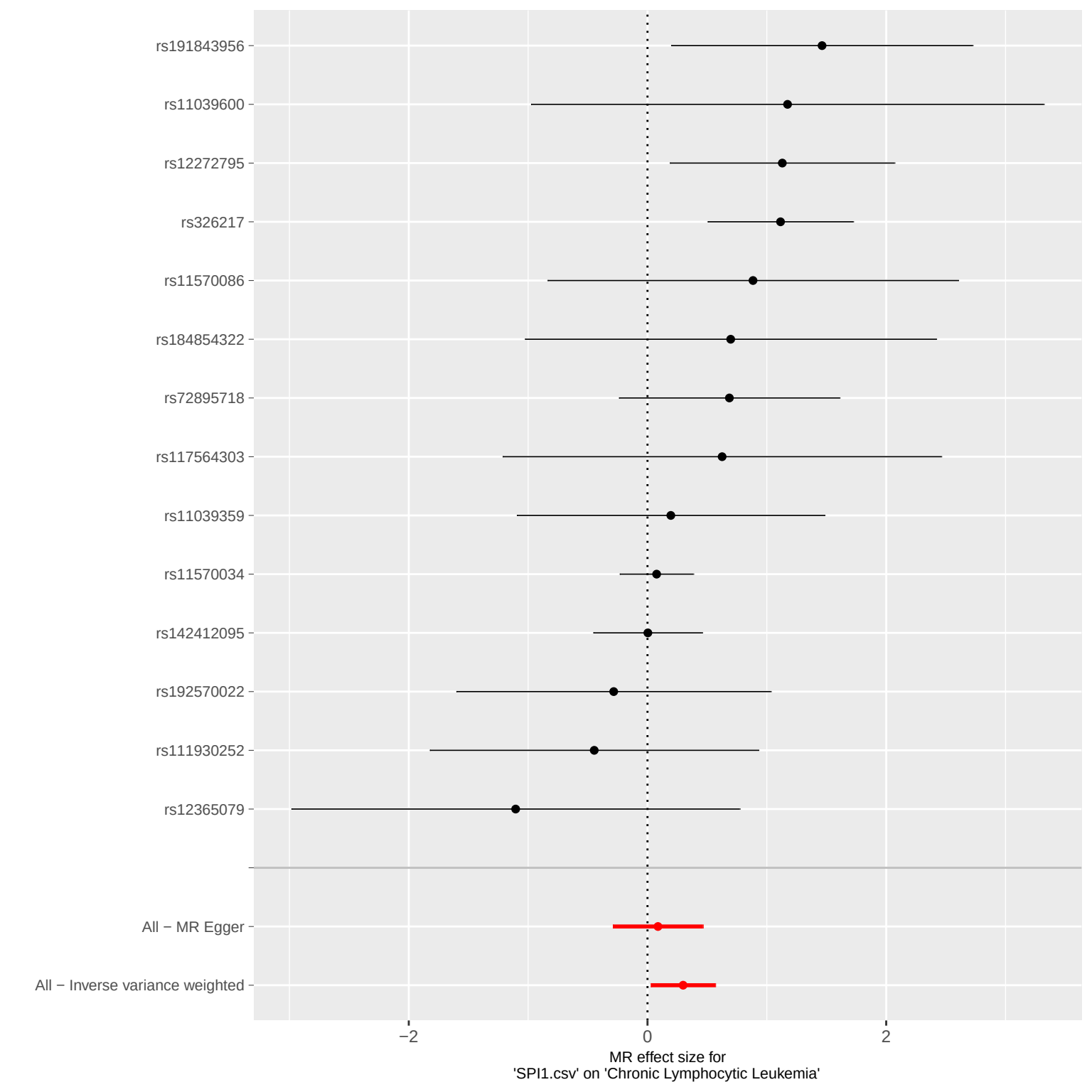
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'SPG20.csv' on 'Chronic Lymphocytic Leukemia'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rs192570022
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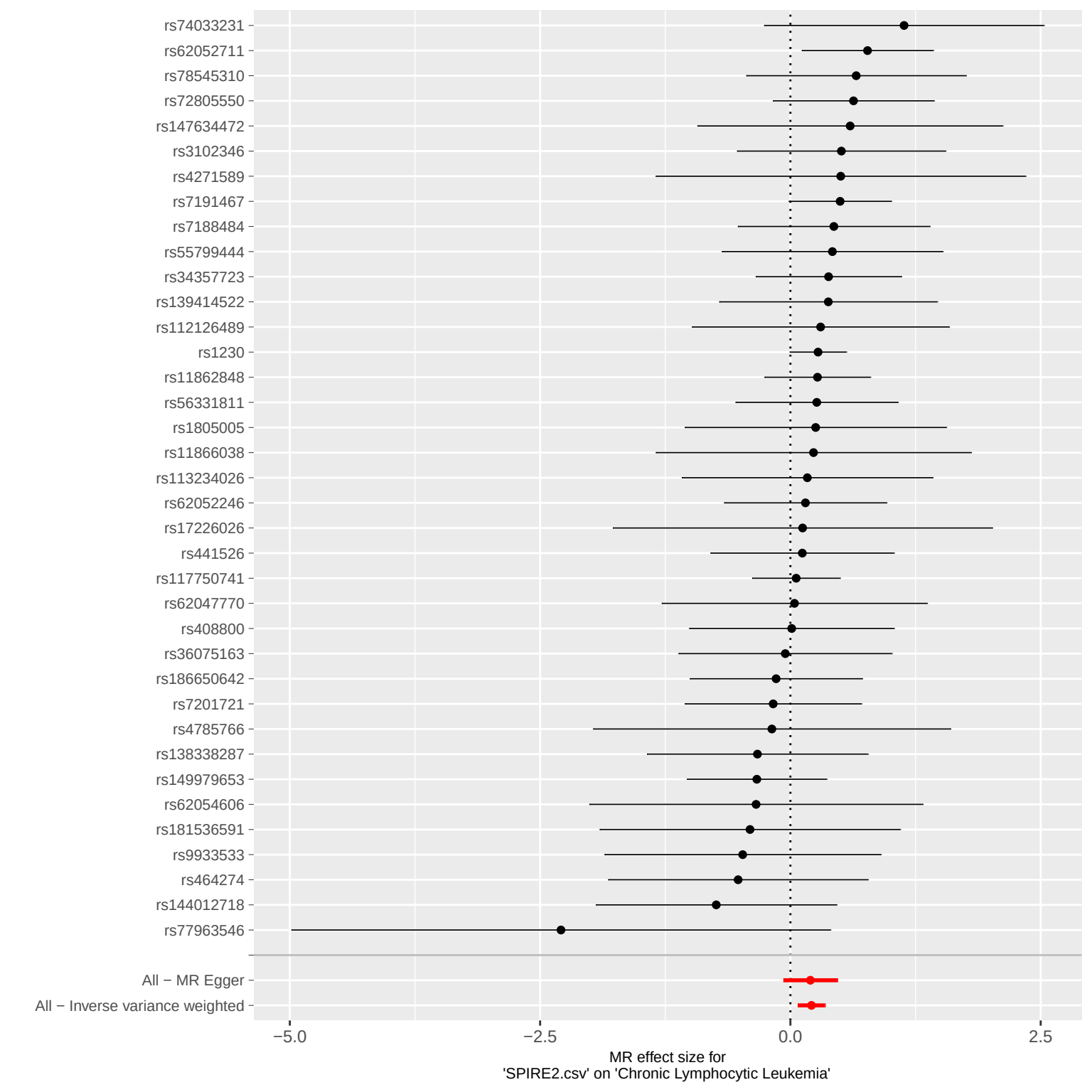
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'SPI1.csv' on 'Chronic Lymphocytic Leukemia'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rs138338287
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rs464274
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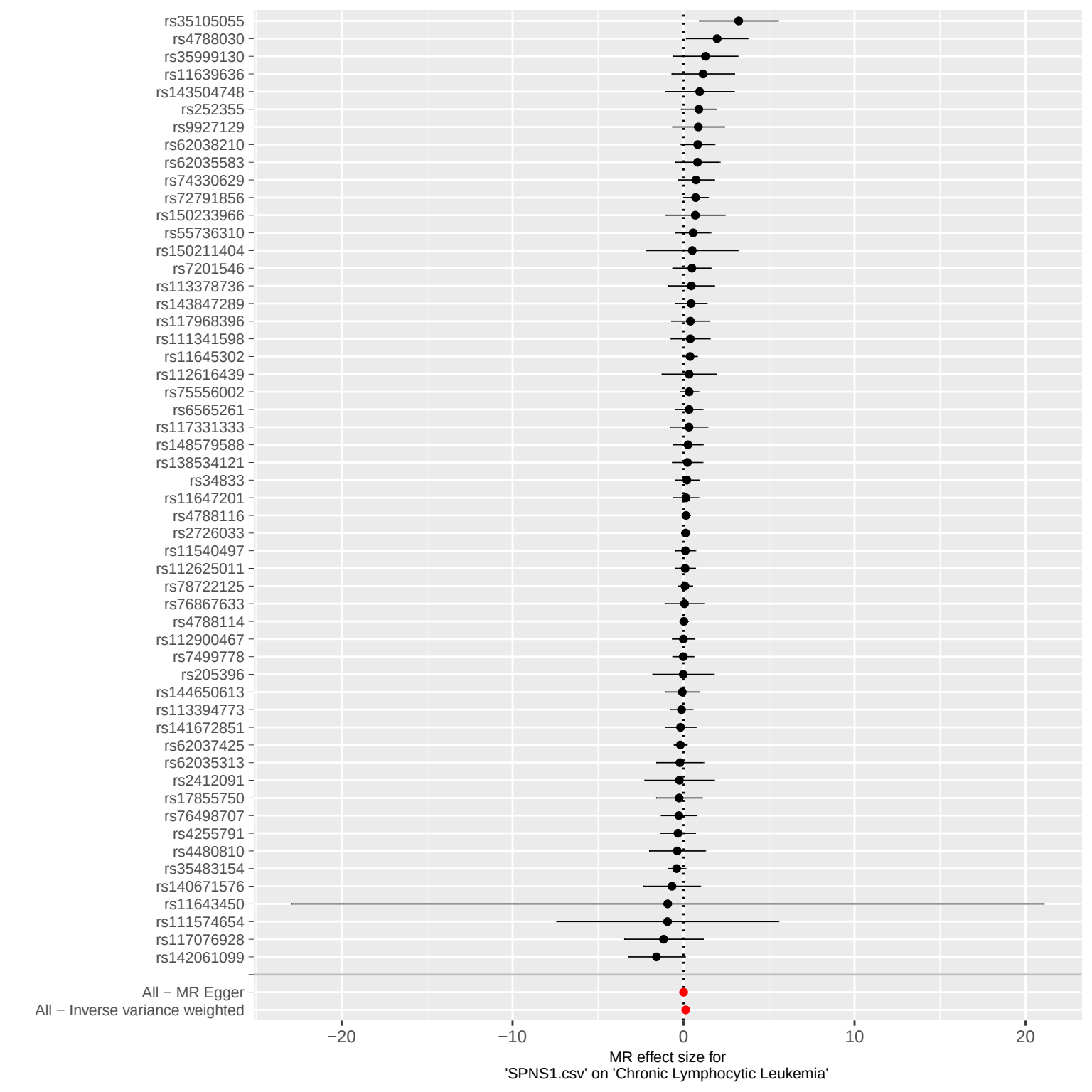
rs77963546
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'SPIRE2.csv' on 'Chronic Lymphocytic Leukemia'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rs111341598
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rs11647201
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rs140671576
rs11643450
rs111574654
rs117076928
rs142061099
All − MR Egger
All − Inverse variance weighted
−20
−10
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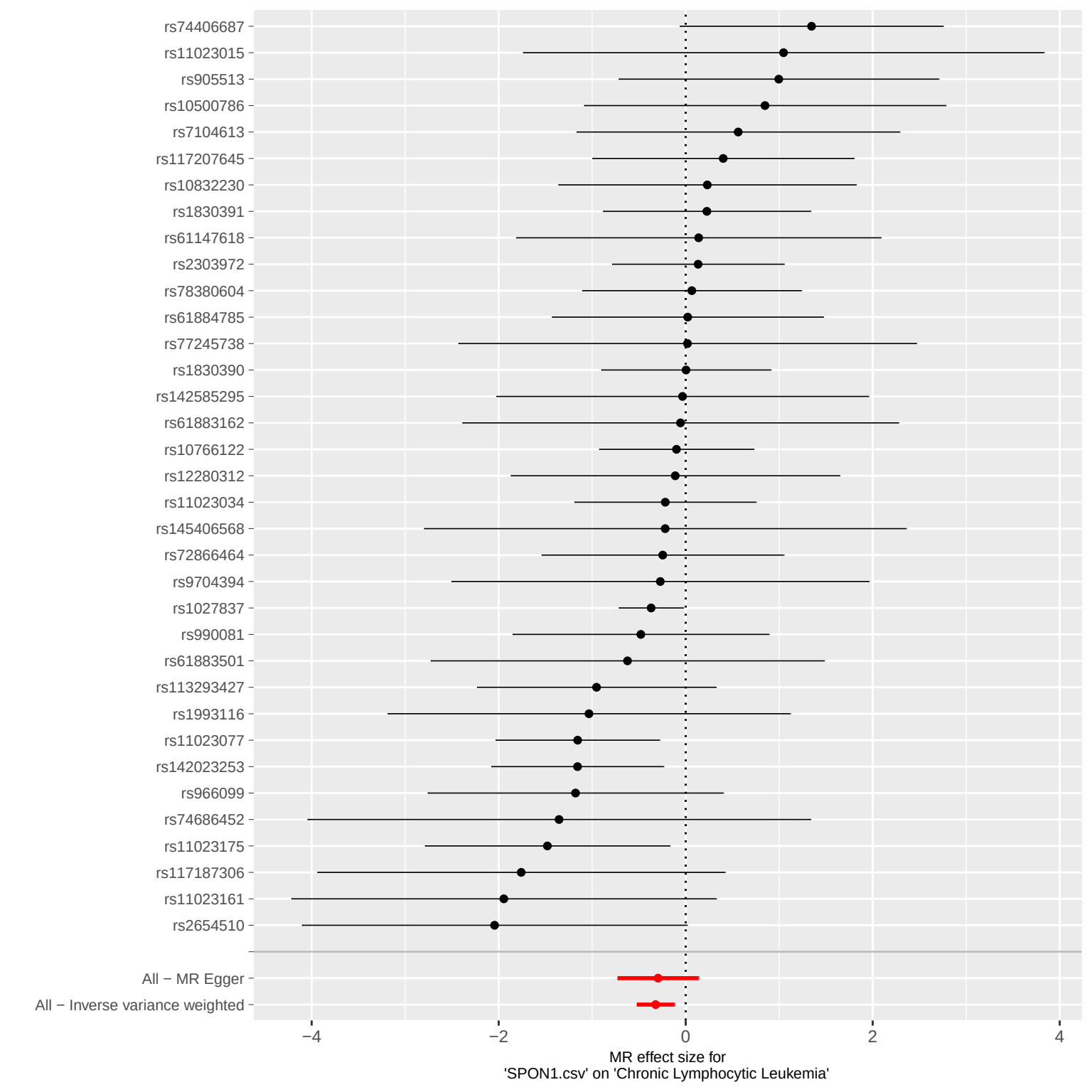
10
20
MR effect size for
'SPNS1.csv' on 'Chronic Lymphocytic Leukemia'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rs1830390
rs142585295
rs61883162
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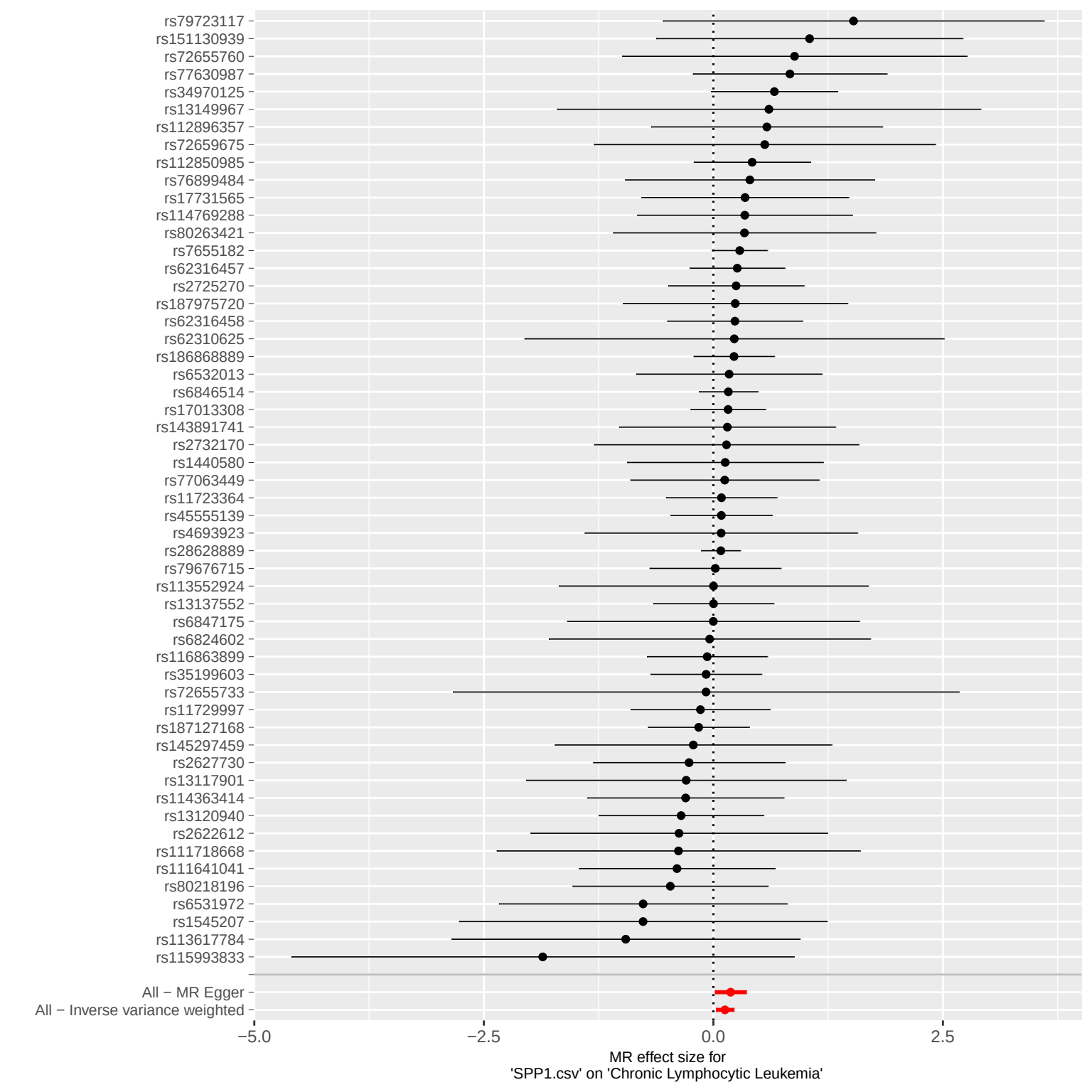
rs11023034
rs145406568
rs72866464
rs9704394
rs1027837
rs990081
rs61883501
rs113293427
rs1993116
rs11023077
rs142023253
rs966099
rs74686452
rs11023175
rs117187306
rs11023161
rs2654510
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'SPON1.csv' on 'Chronic Lymphocytic Leukemia'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rs6846514
rs17013308
rs143891741
rs2732170
rs1440580
rs77063449
rs11723364
rs45555139
rs4693923
rs28628889
rs79676715
rs113552924
rs13137552
rs6847175
rs6824602
rs116863899
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rs11729997
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rs114363414
rs13120940
rs2622612
rs111718668
rs111641041
rs80218196
rs6531972
rs1545207
rs113617784
rs115993833
All − MR Egger
All − Inverse variance weighted
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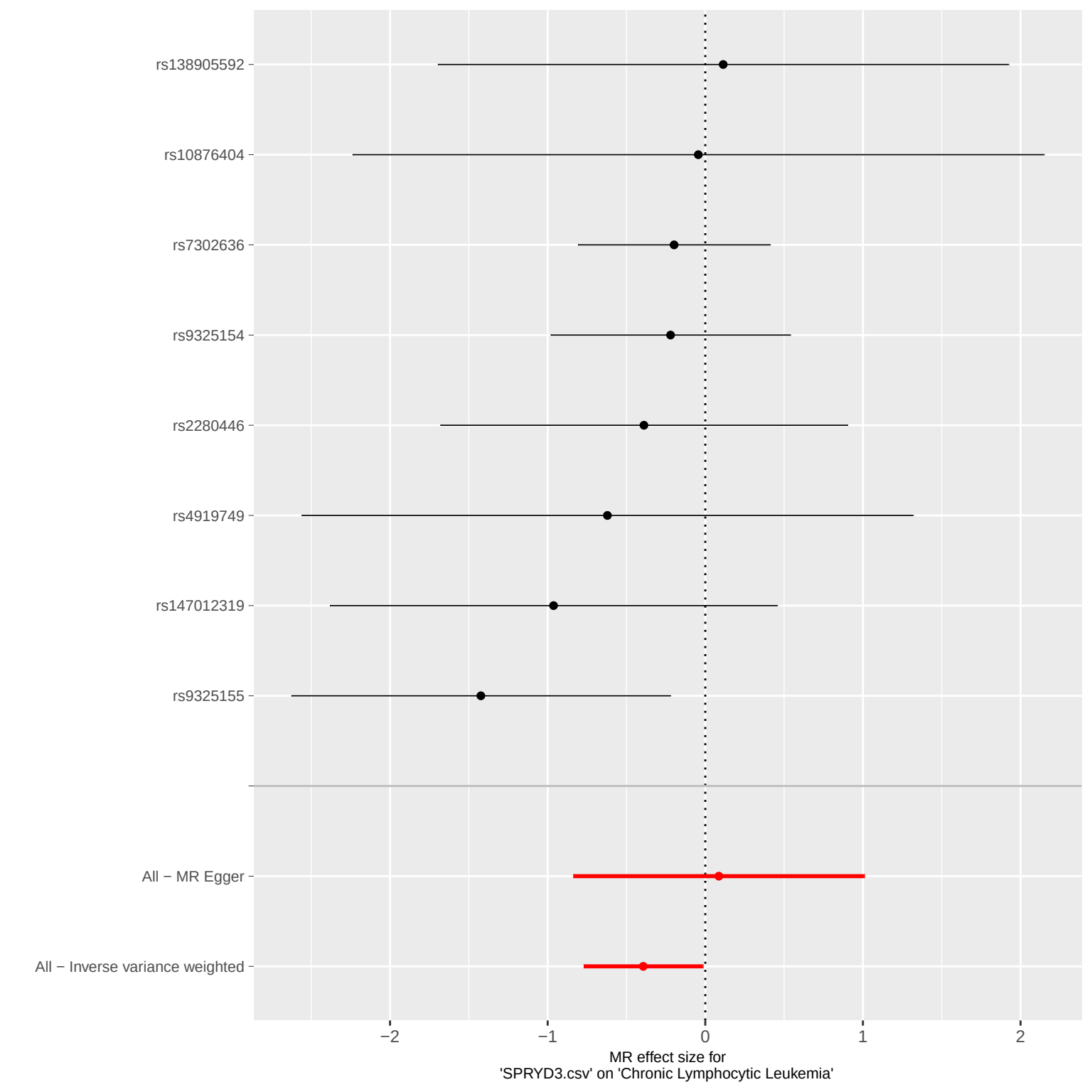
−2.5
0.0
2.5
MR effect size for
'SPP1.csv' on 'Chronic Lymphocytic Leukemia'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rs9325154
rs2280446
rs4919749
rs147012319
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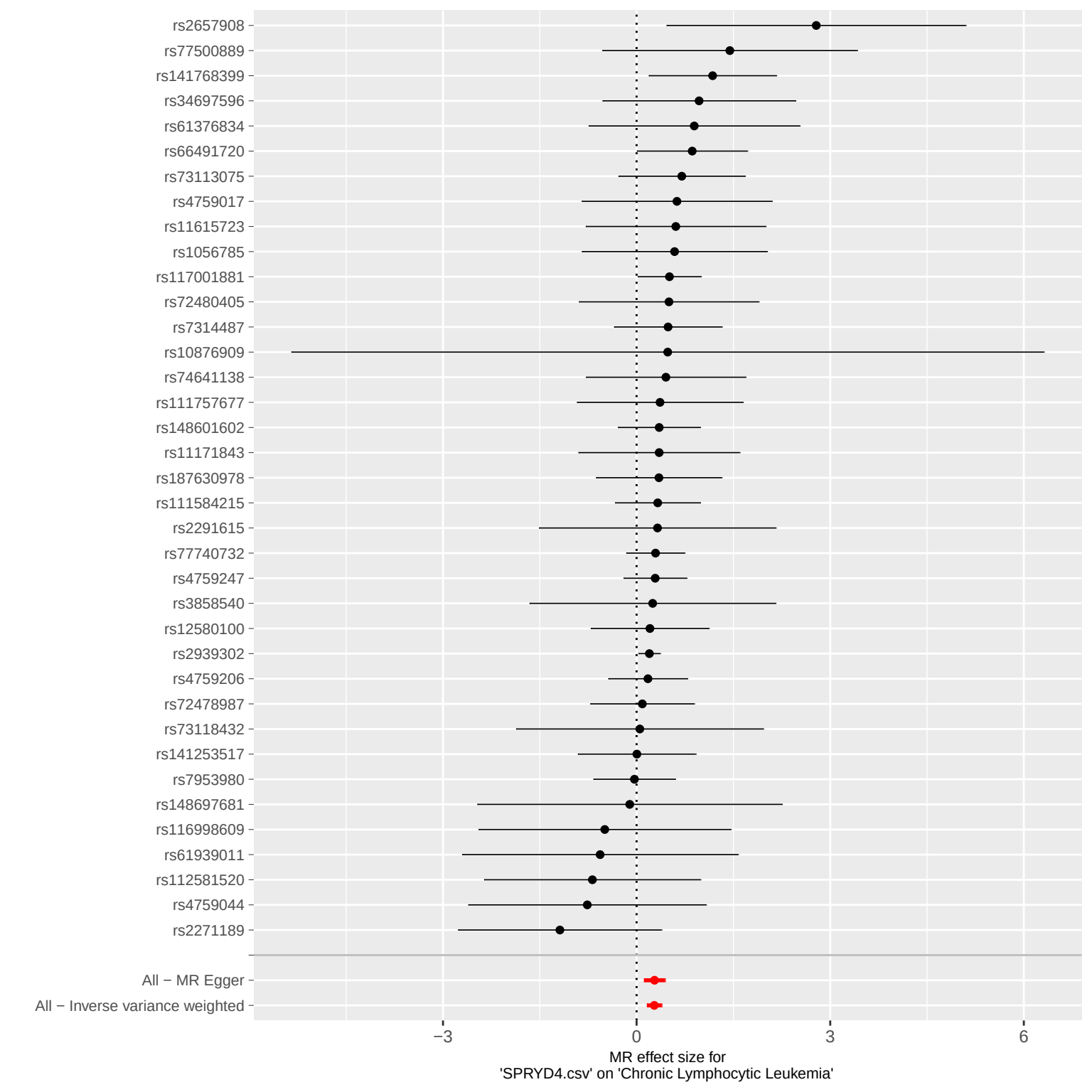
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'SPRYD3.csv' on 'Chronic Lymphocytic Leukemia'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rs7314487
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rs74641138
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rs148601602
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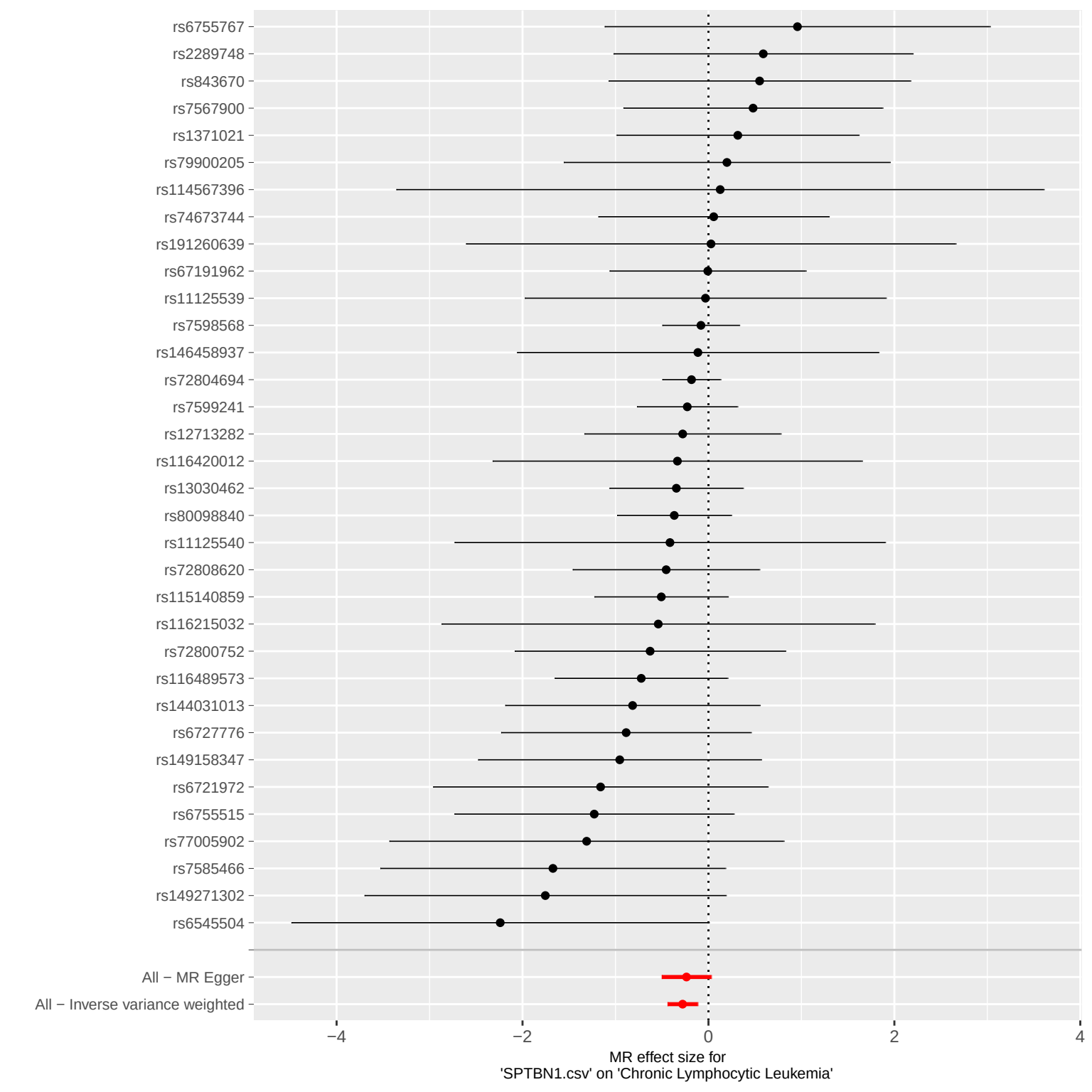
rs73118432
rs141253517
rs7953980
rs148697681
rs116998609
rs61939011
rs112581520
rs4759044
rs2271189
All − MR Egger
All − Inverse variance weighted
−3
0
3
6
MR effect size for
'SPRYD4.csv' on 'Chronic Lymphocytic Leukemia'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rs1371021
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rs7598568
rs146458937
rs72804694
rs7599241
rs12713282
rs116420012
rs13030462
rs80098840
rs11125540
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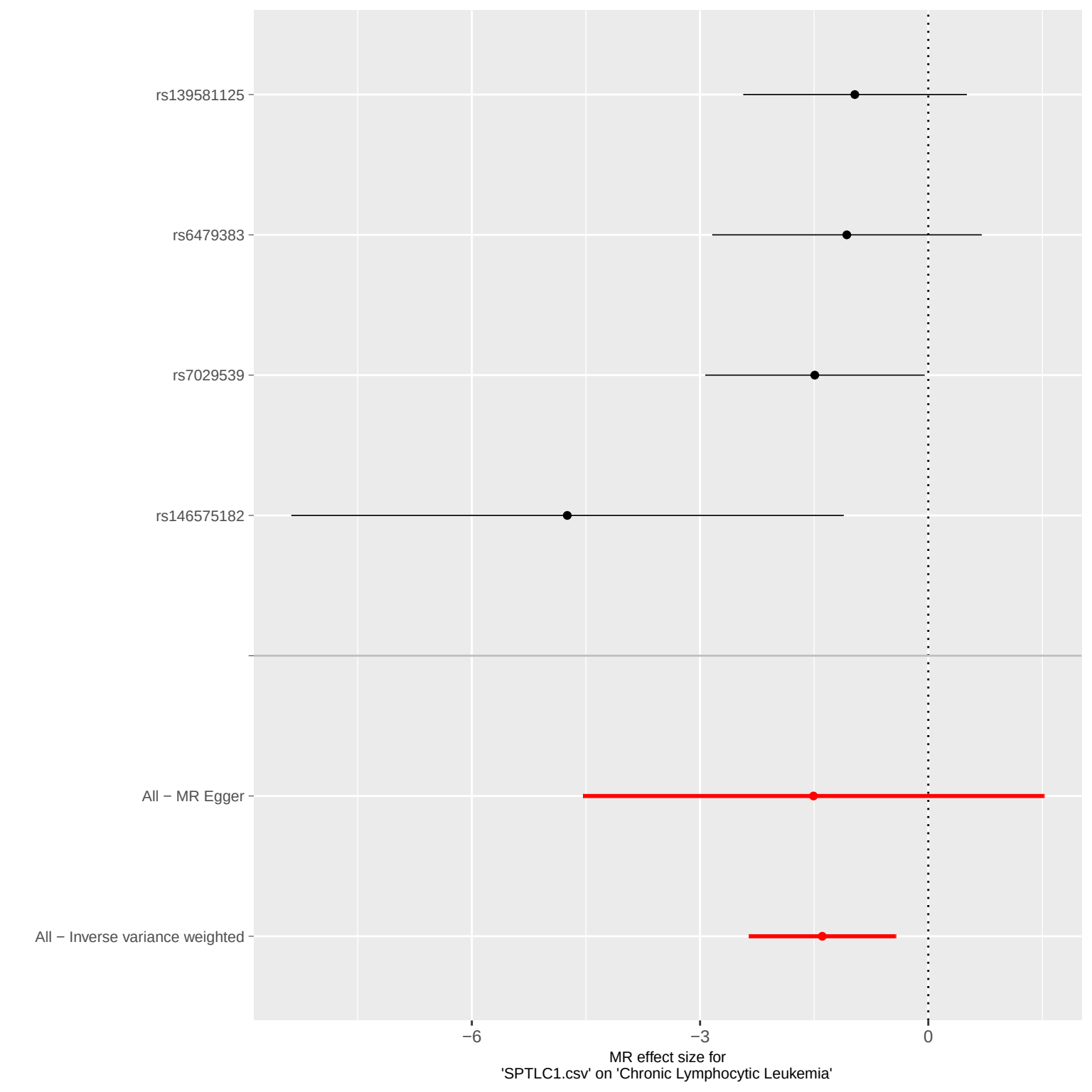
rs115140859
rs116215032
rs72800752
rs116489573
rs144031013
rs6727776
rs149158347
rs6721972
rs6755515
rs77005902
rs7585466
rs149271302
rs6545504
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'SPTBN1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−6
−3
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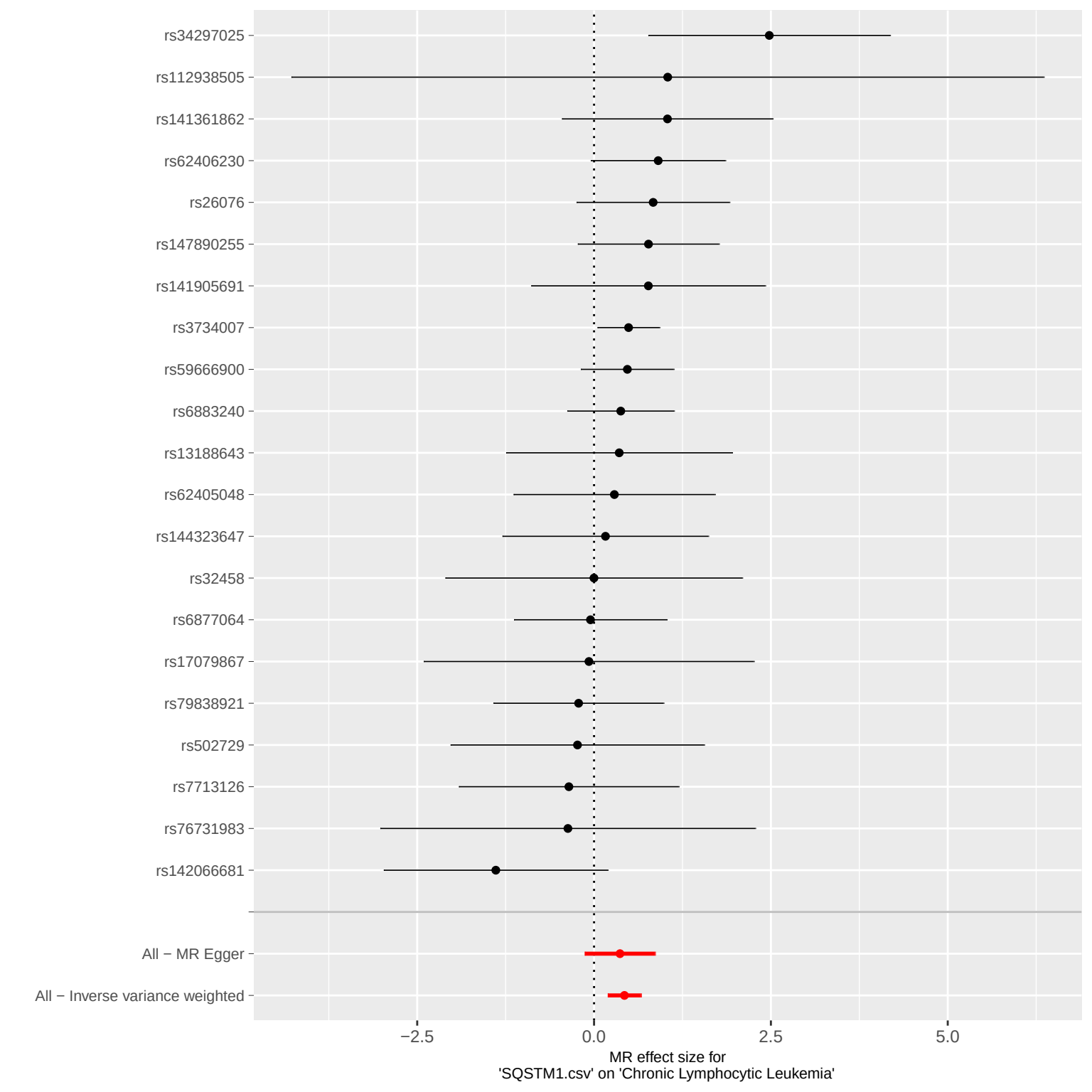
MR effect size for
'SPTLC1.csv' on 'Chronic Lymphocytic Leukemia'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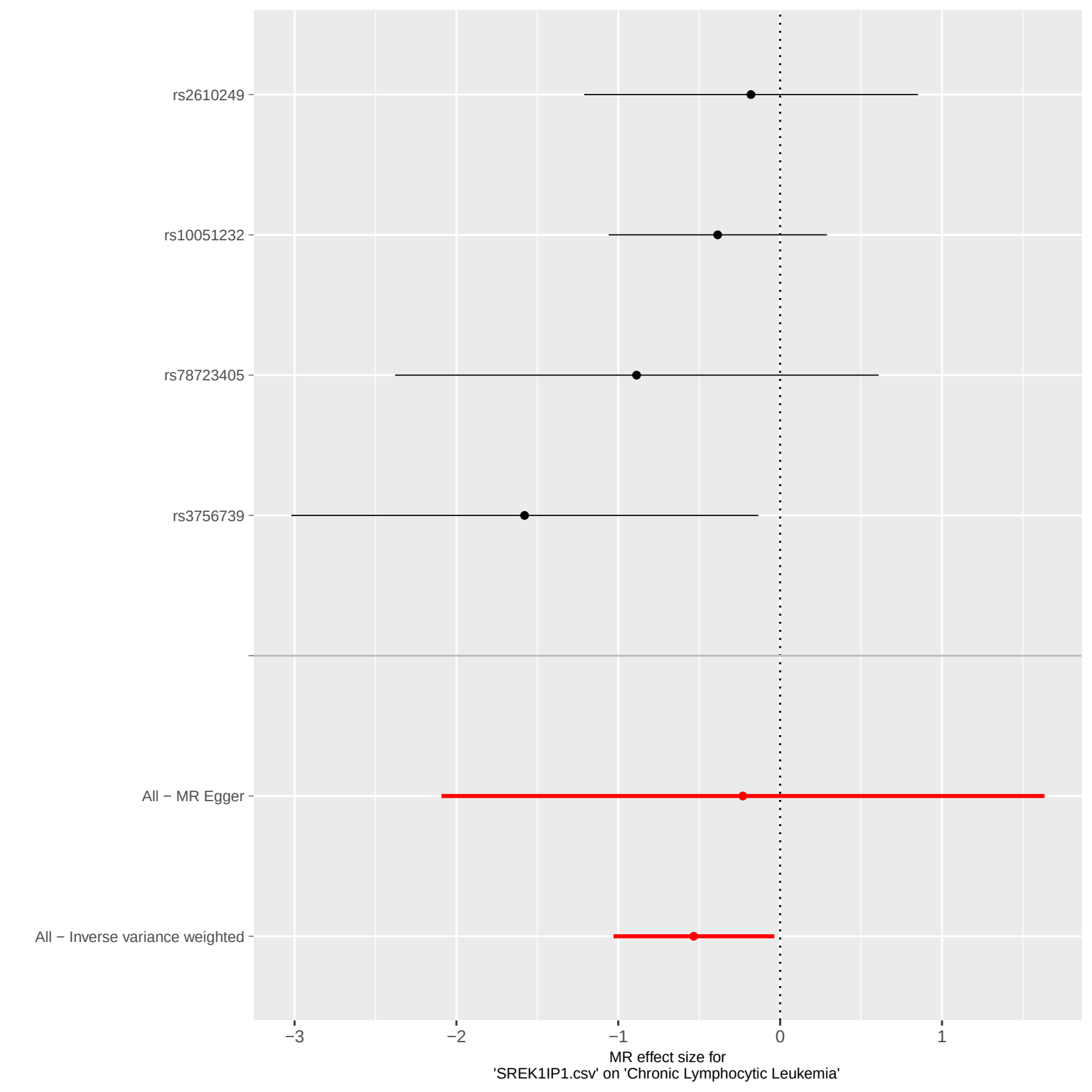
rs6883240
rs13188643
rs62405048
rs144323647
rs32458
rs6877064
rs17079867
rs79838921
rs502729
rs7713126
rs76731983
rs142066681
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SQSTM1.csv' on 'Chronic Lymphocytic Leukemia'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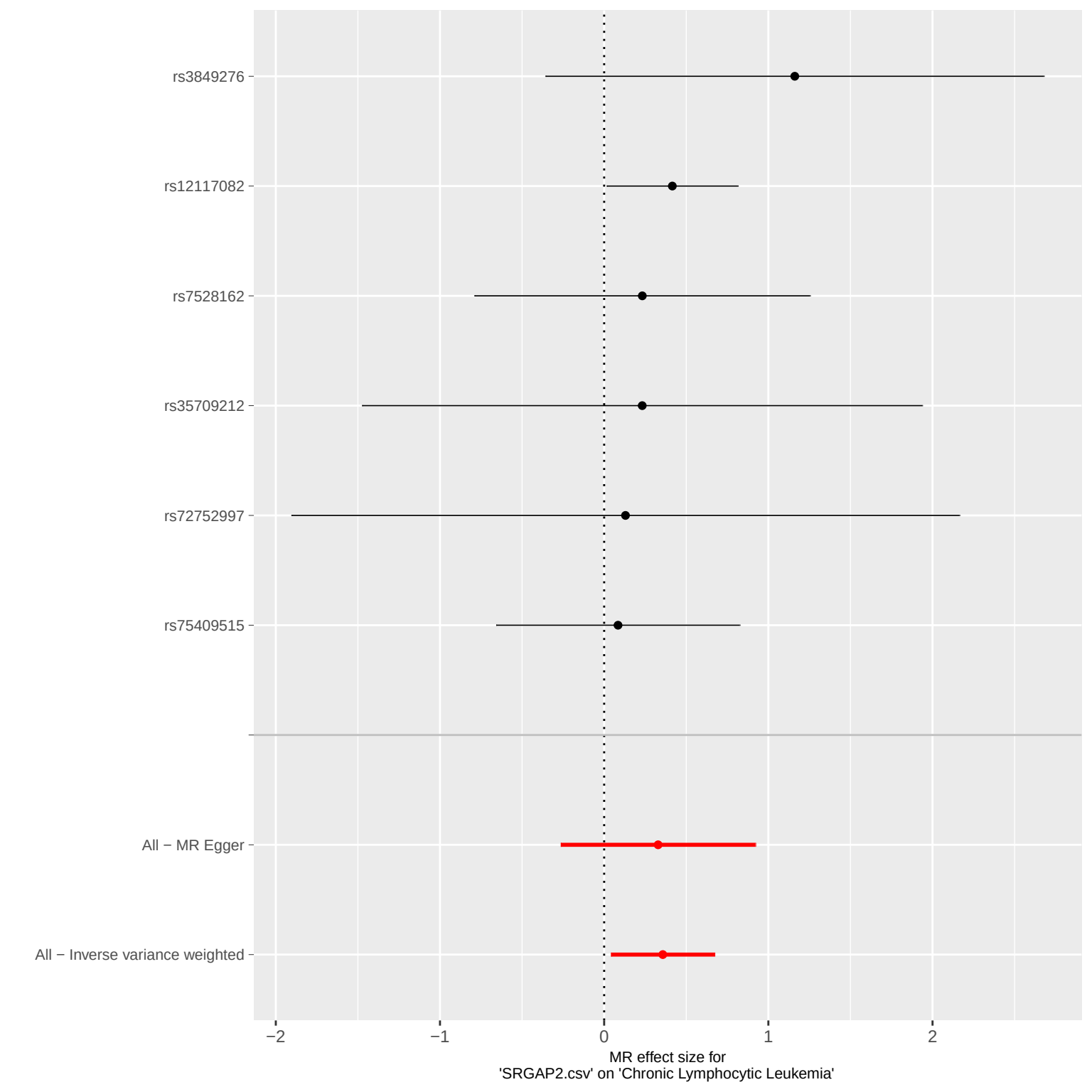
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'SREK1IP1.csv' on 'Chronic Lymphocytic Leukemia'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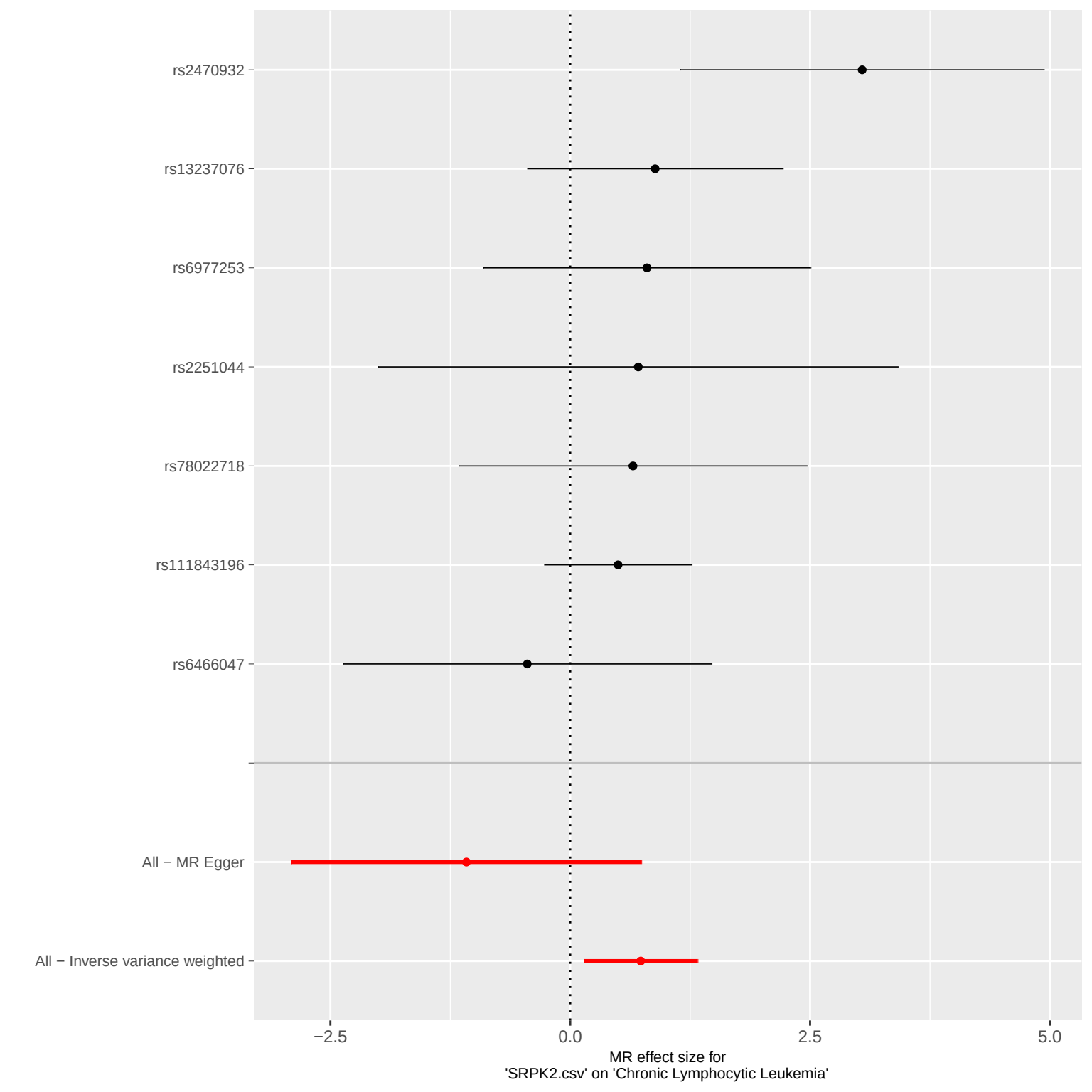
rs12117082
rs7528162
rs35709212
rs72752997
rs75409515
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'SRGAP2.csv' on 'Chronic Lymphocytic Leukemia'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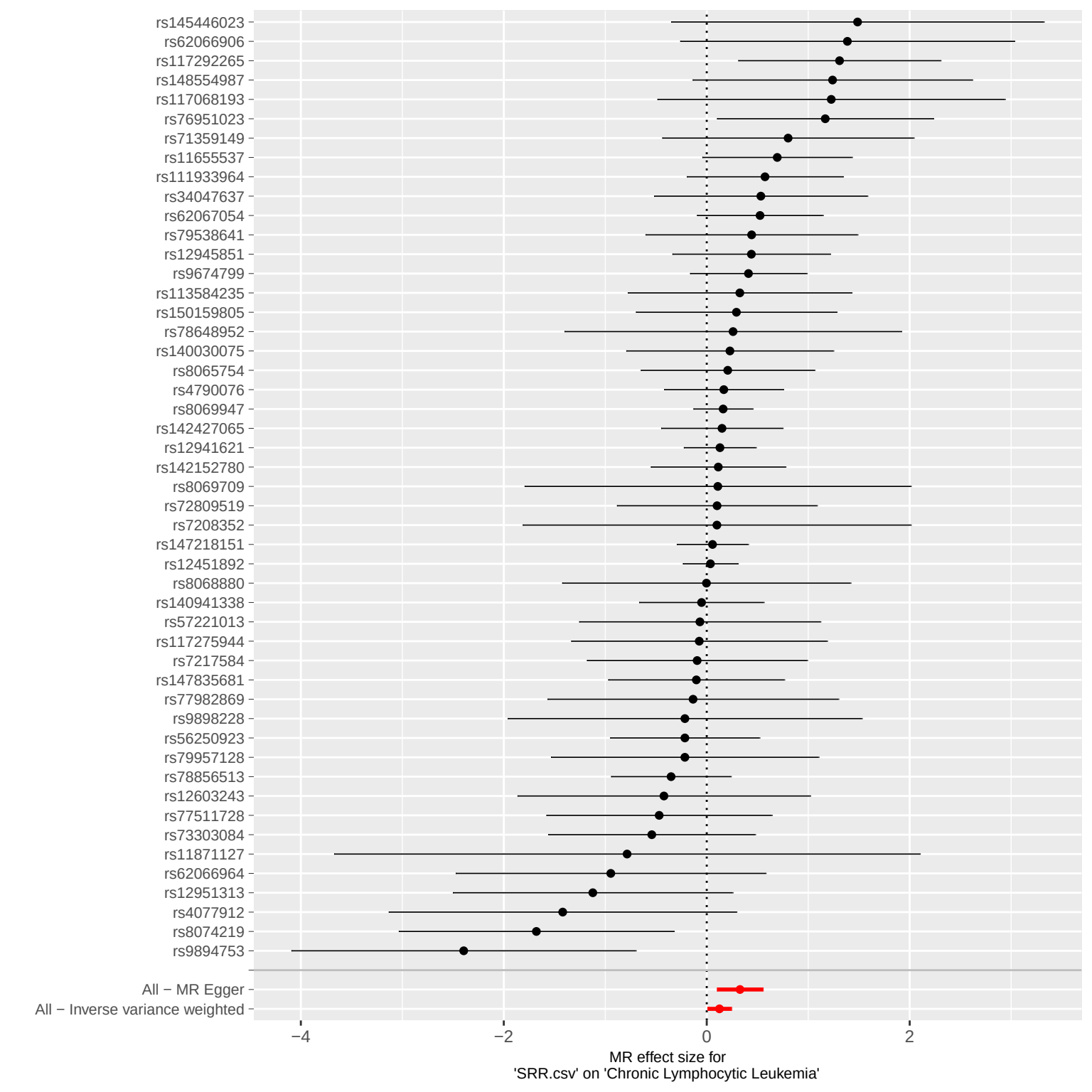
rs13237076
rs6977253
rs2251044
rs78022718
rs111843196
rs6466047
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'SRPK2.csv' on 'Chronic Lymphocytic Leukemia'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rs73303084
rs11871127
rs62066964
rs12951313
rs4077912
rs8074219
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All − MR Egger
All − Inverse variance weighted
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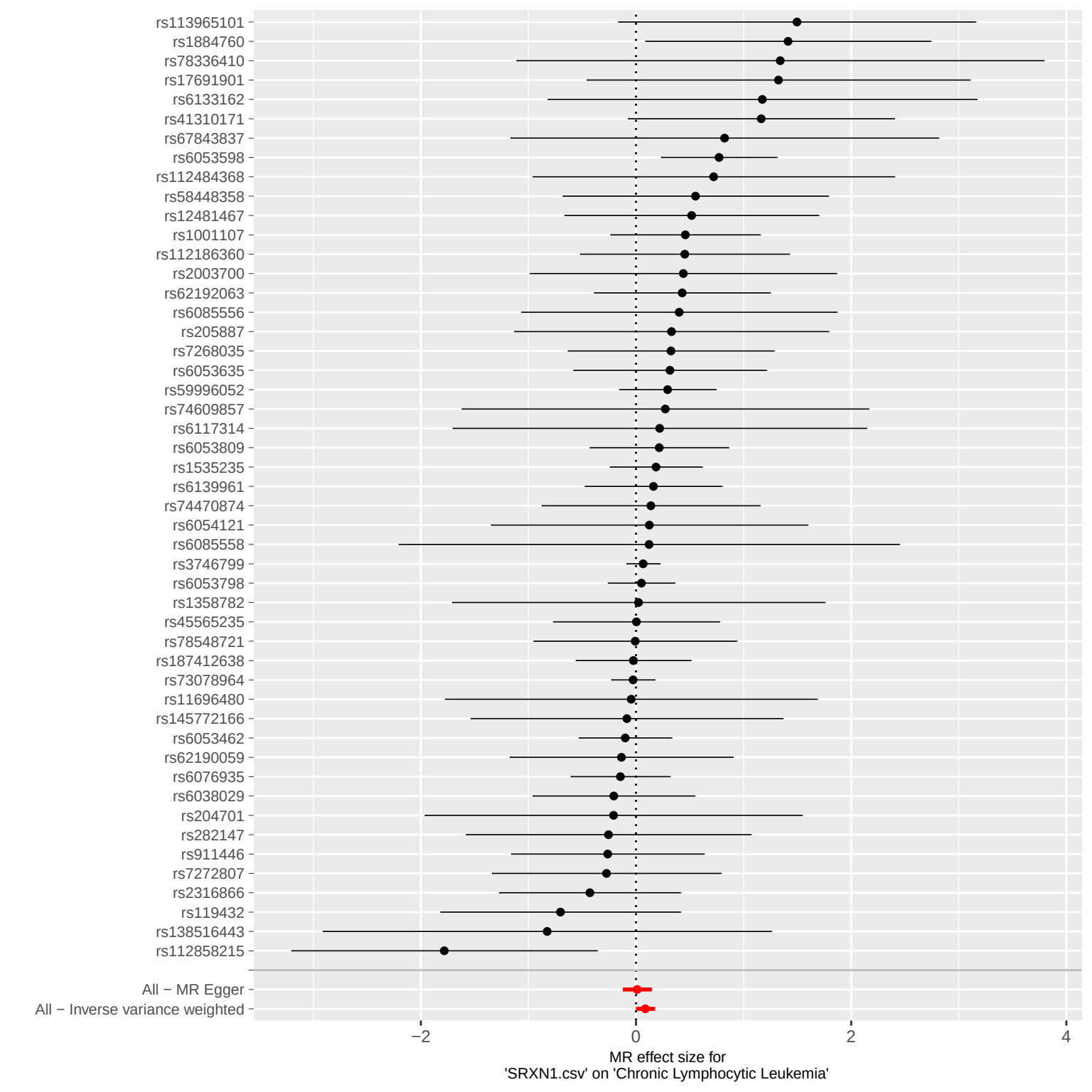
MR effect size for
'SRR.csv' on 'Chronic Lymphocytic Leukemia'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rs62192063
rs6085556
rs205887
rs7268035
rs6053635
rs59996052
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rs6117314
rs6053809
rs1535235
rs6139961
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rs3746799
rs6053798
rs1358782
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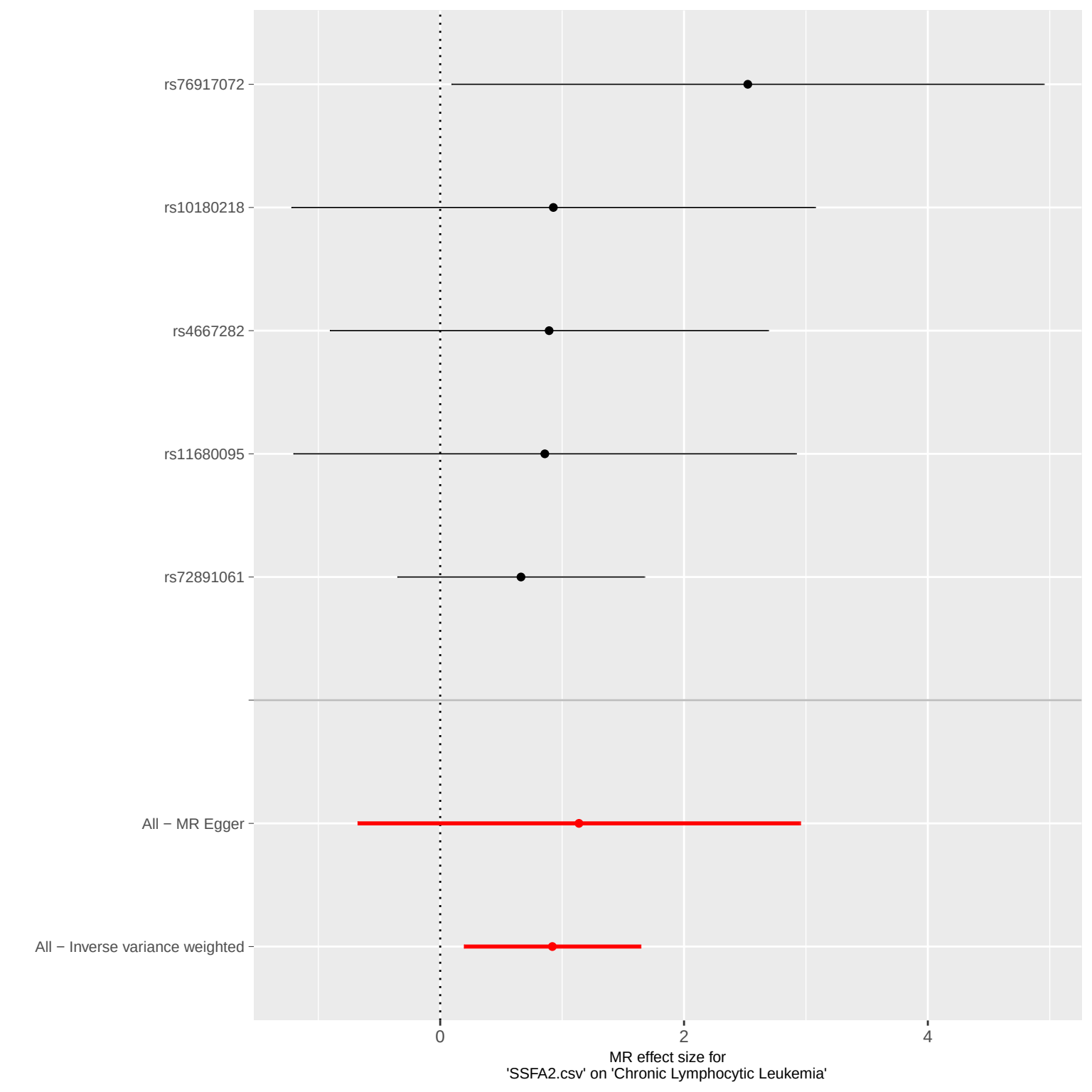
rs204701
rs282147
rs911446
rs7272807
rs2316866
rs119432
rs138516443
rs112858215
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'SRXN1.csv' on 'Chronic Lymphocytic Leukemia'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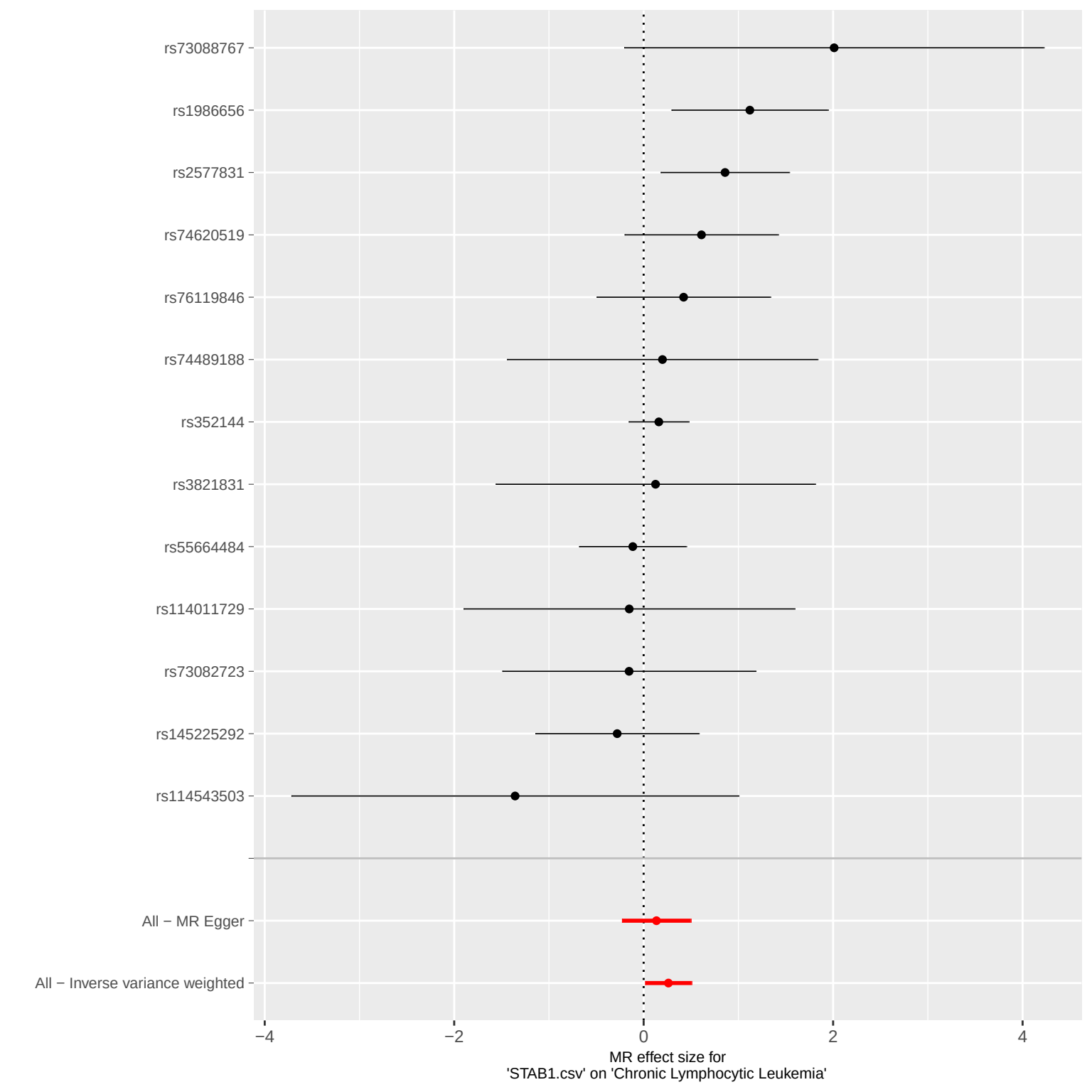
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'SSFA2.csv' on 'Chronic Lymphocytic Leukemia'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rs74489188
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rs3821831
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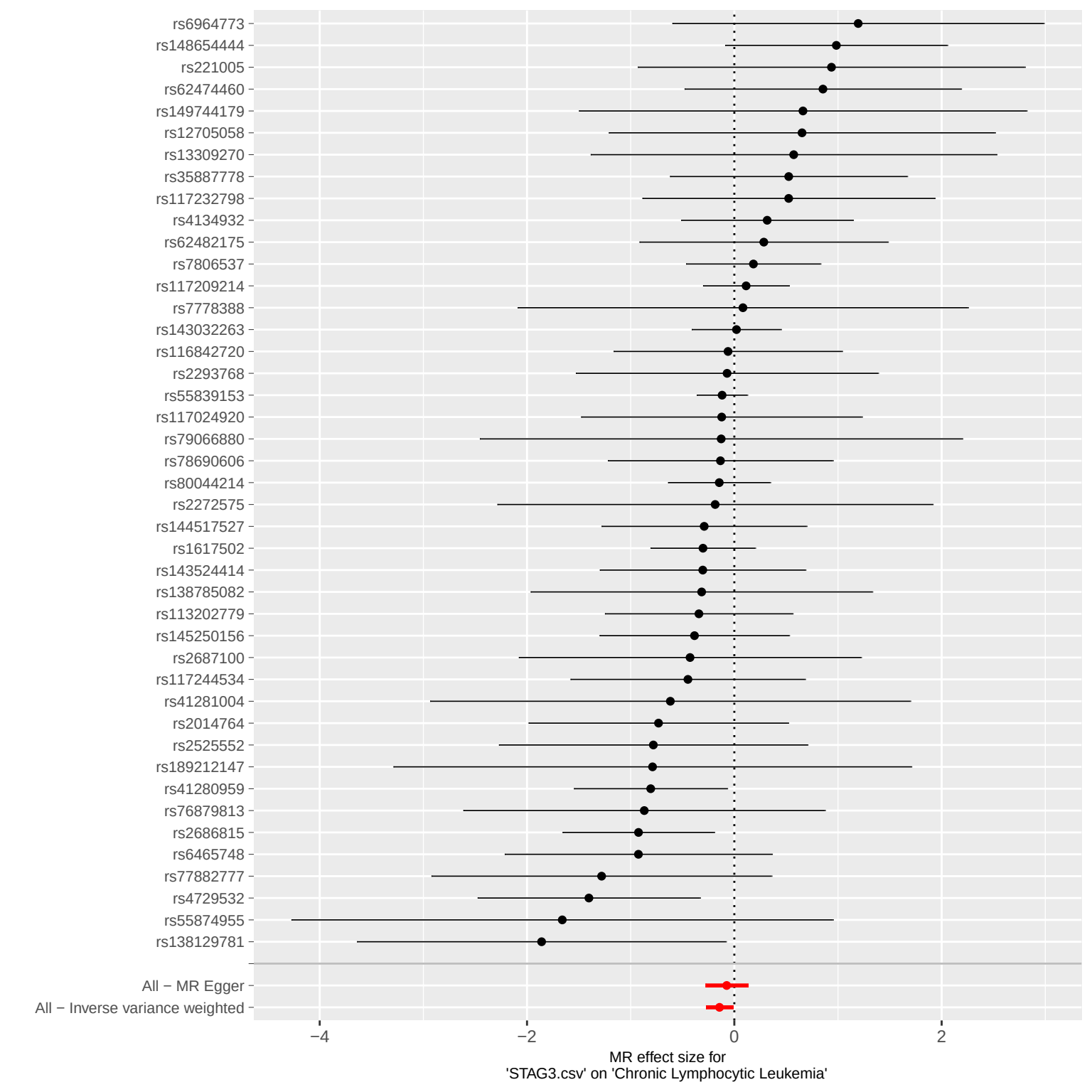
rs114011729
rs73082723
rs145225292
rs114543503
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'STAB1.csv' on 'Chronic Lymphocytic Leukemia'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rs143032263
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rs2687100
rs117244534
rs41281004
rs2014764
rs2525552
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rs2686815
rs6465748
rs77882777
rs4729532
rs55874955
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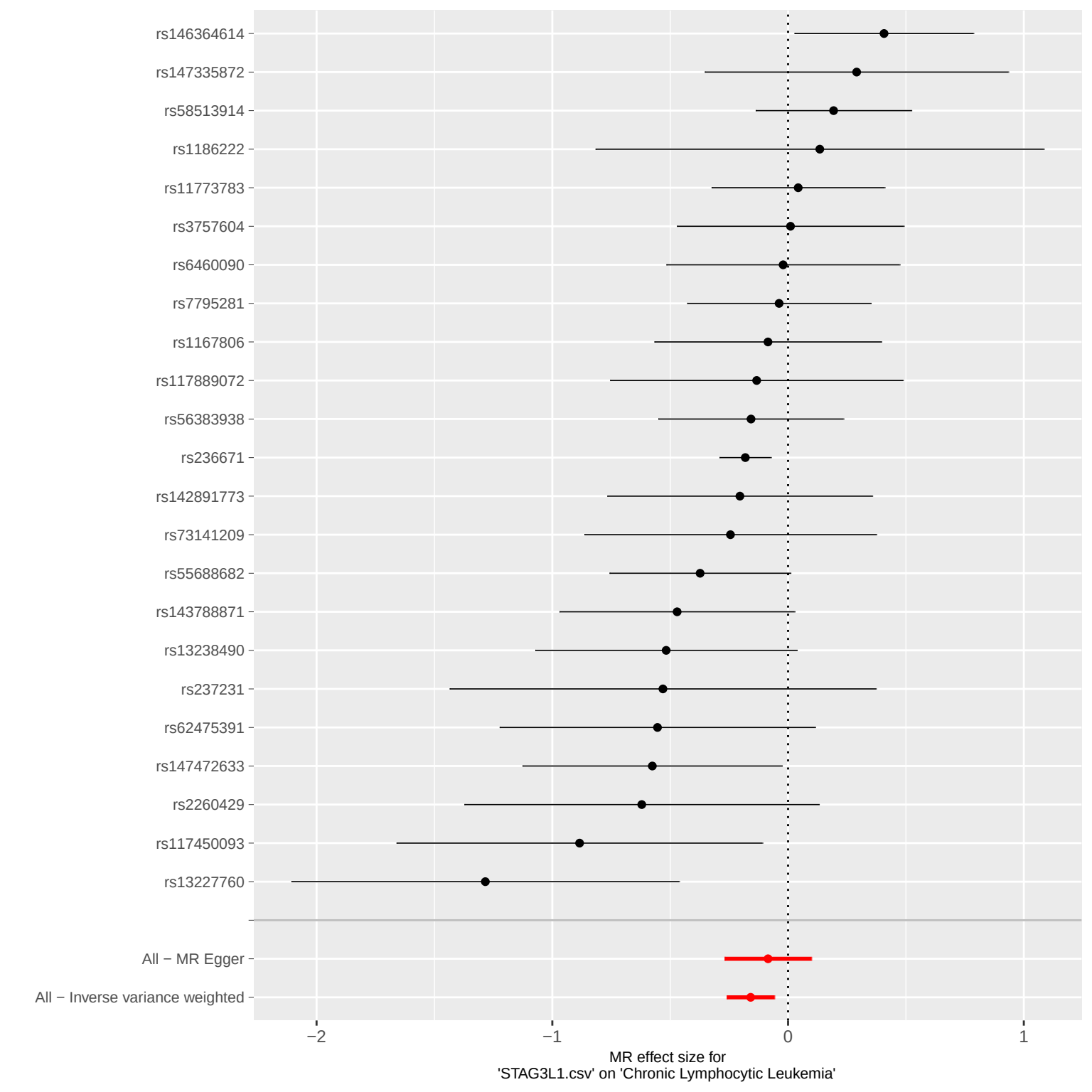
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'STAG3.csv' on 'Chronic Lymphocytic Leukemia'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rs3757604
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rs56383938
rs236671
rs142891773
rs73141209
rs55688682
rs143788871
rs13238490
rs237231
rs62475391
rs147472633
rs2260429
rs117450093
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All − MR Egger
All − Inverse variance weighted
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−1
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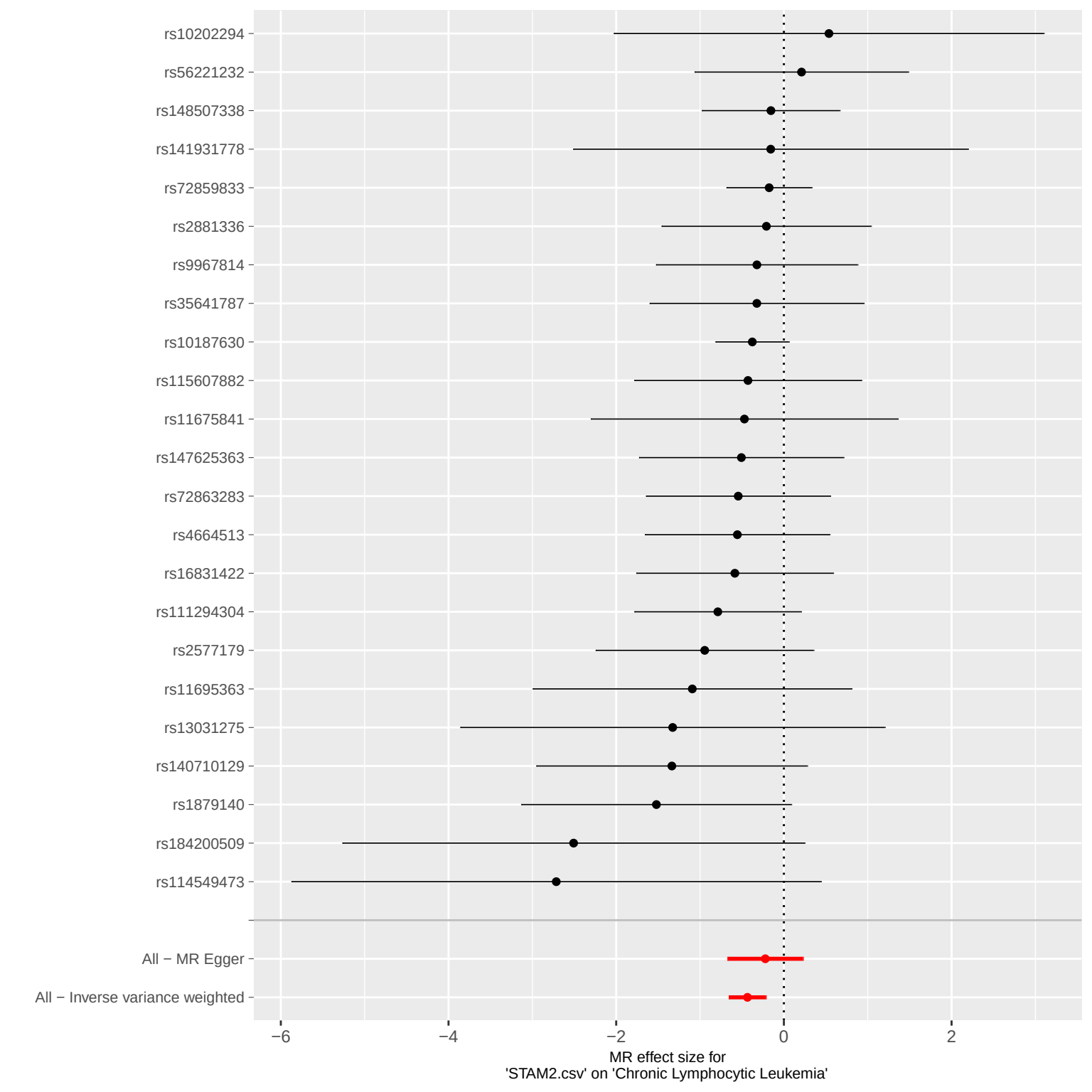
MR effect size for
'STAG3L1.csv' on 'Chronic Lymphocytic Leukemia'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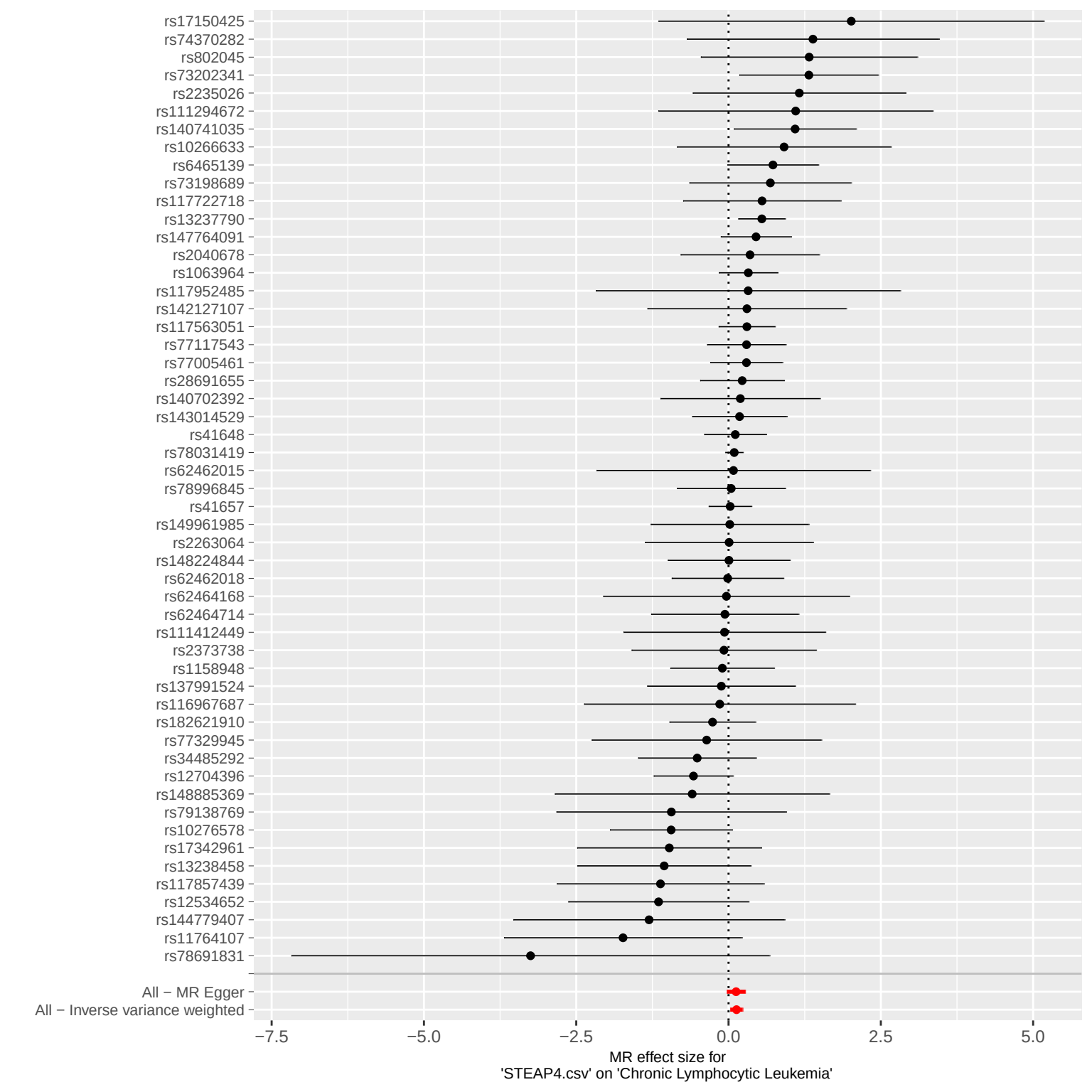
rs11695363
rs13031275
rs140710129
rs1879140
rs184200509
rs114549473
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'STAM2.csv' on 'Chronic Lymphocytic Leukemia'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rs143014529
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rs62462015
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rs17342961
rs13238458
rs117857439
rs12534652
rs144779407
rs11764107
rs78691831
All − MR Egger
All − Inverse variance weighted
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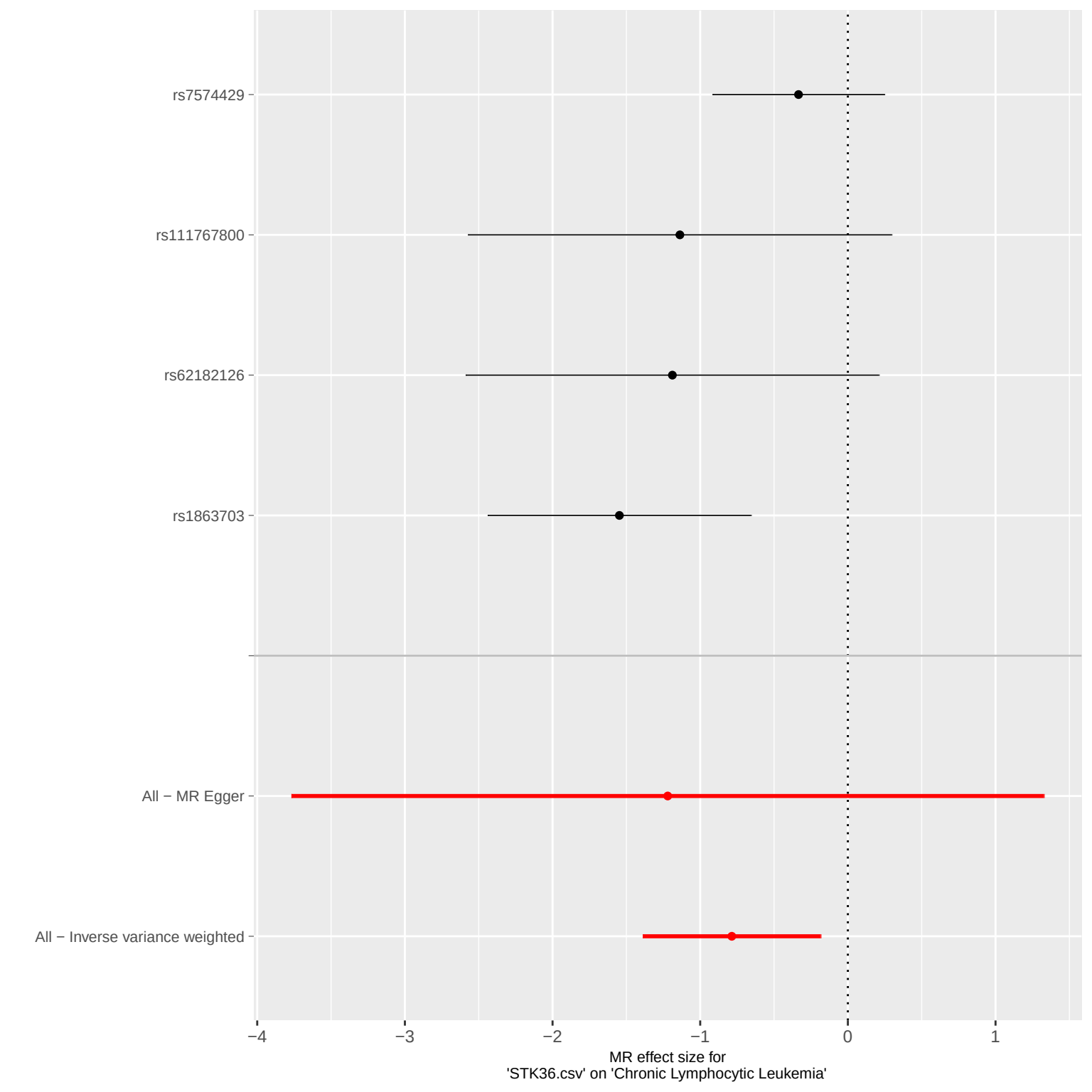
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'STEAP4.csv' on 'Chronic Lymphocytic Leukemia'


rs7574429
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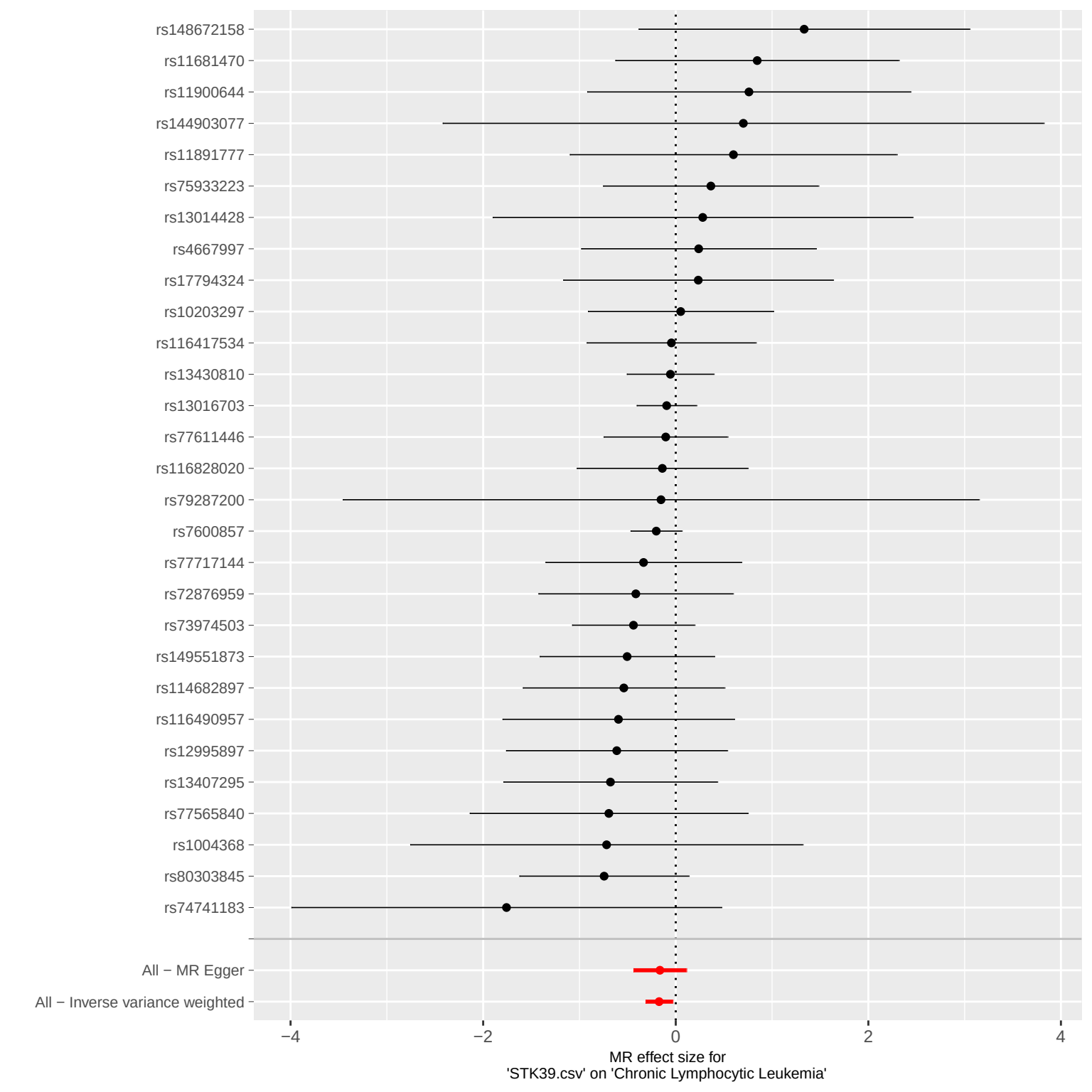
rs62182126
rs1863703
All − MR Egger
All − Inverse variance weighted
−4
−3
−2
−1
0
1
MR effect size for
'STK36.csv' on 'Chronic Lymphocytic Leukemia'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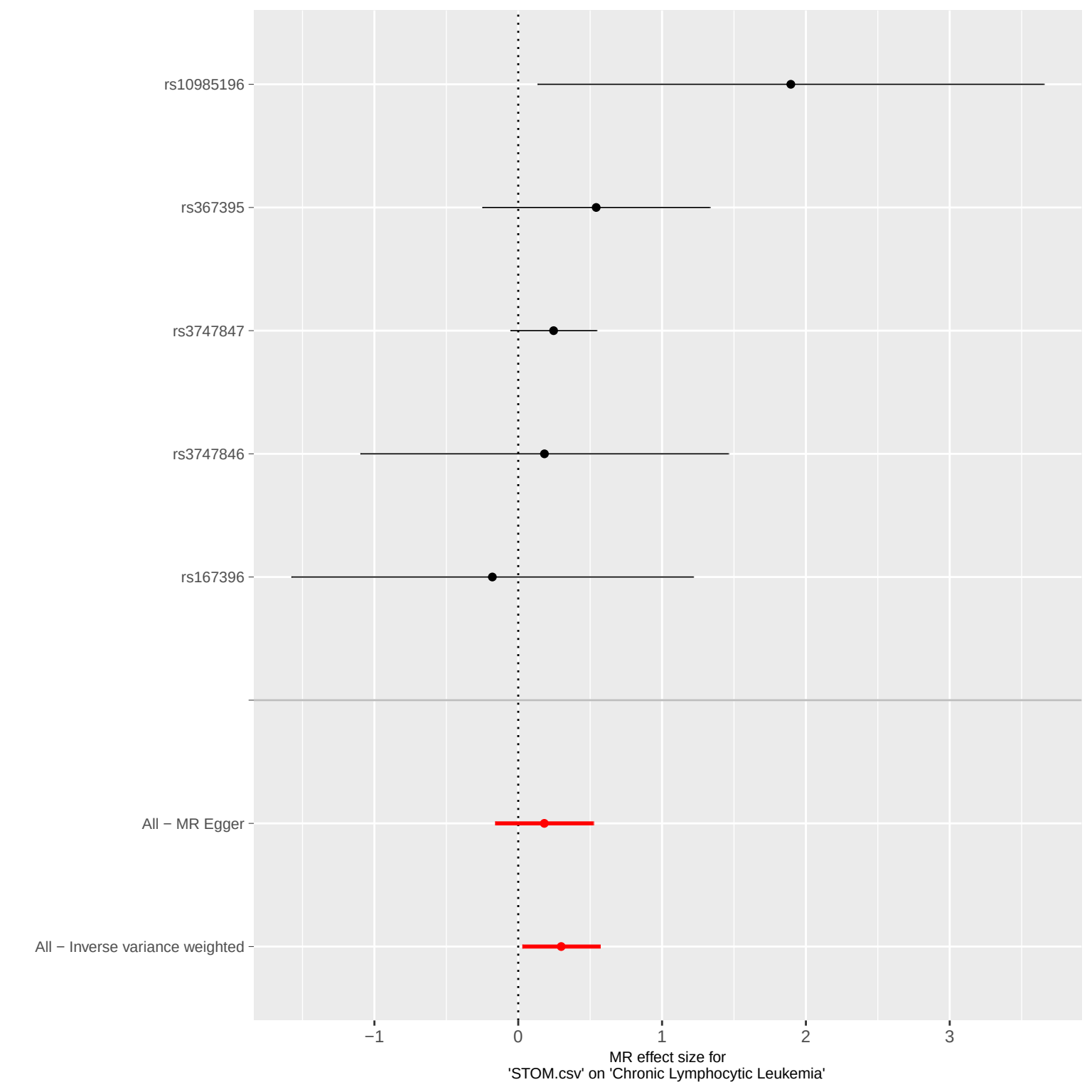
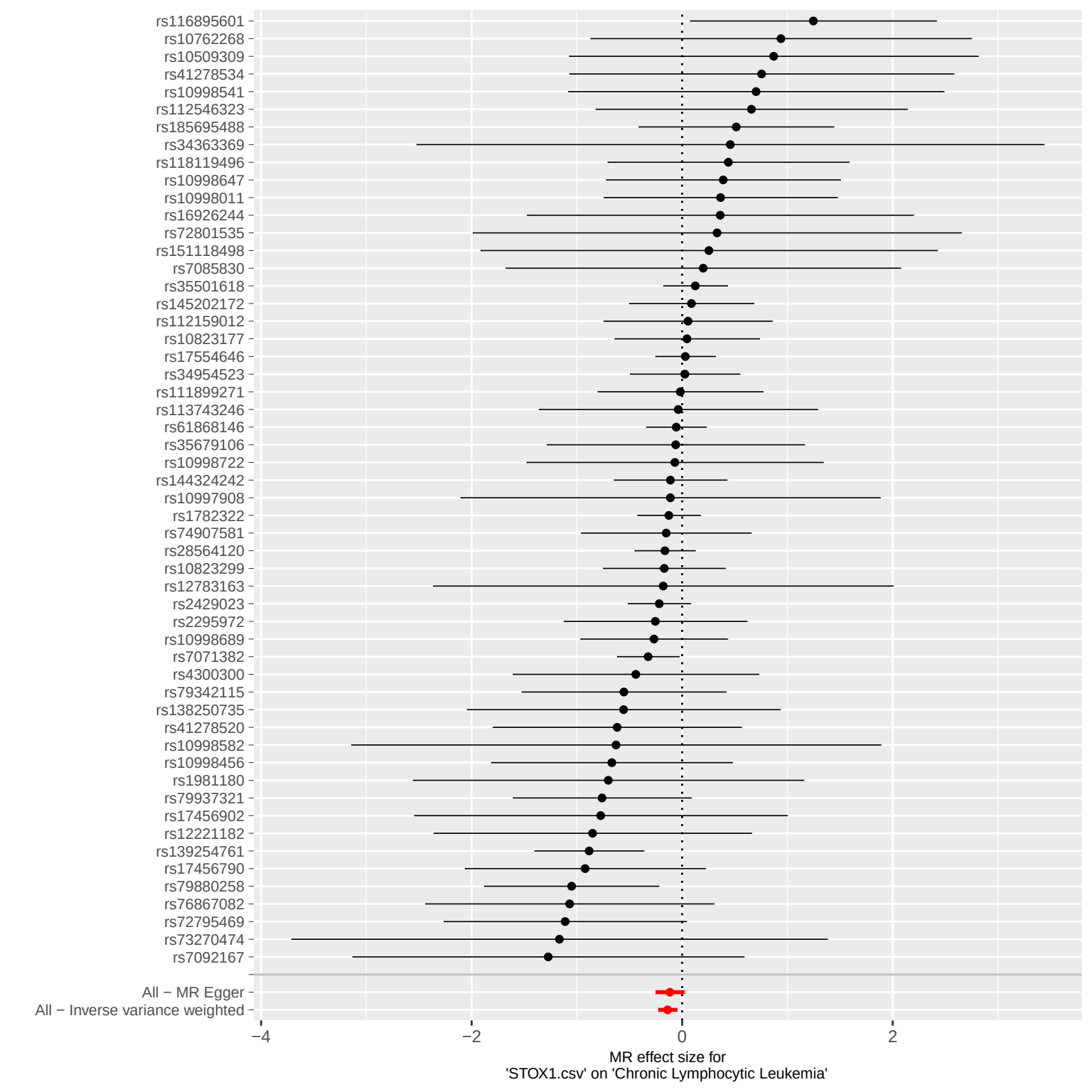
rs72876959
rs73974503
rs149551873
rs114682897
rs116490957
rs12995897
rs13407295
rs77565840
rs1004368
rs80303845
rs74741183
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'STK39.csv' on 'Chronic Lymphocytic Leukemia'


rs10985196
rs367395
rs3747847
rs3747846
rs167396
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'STOM.csv' on 'Chronic Lymphocytic Leukemia'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rs10998011
rs16926244
rs72801535
rs151118498
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All − MR Egger
All − Inverse variance weighted
−4
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MR effect size for
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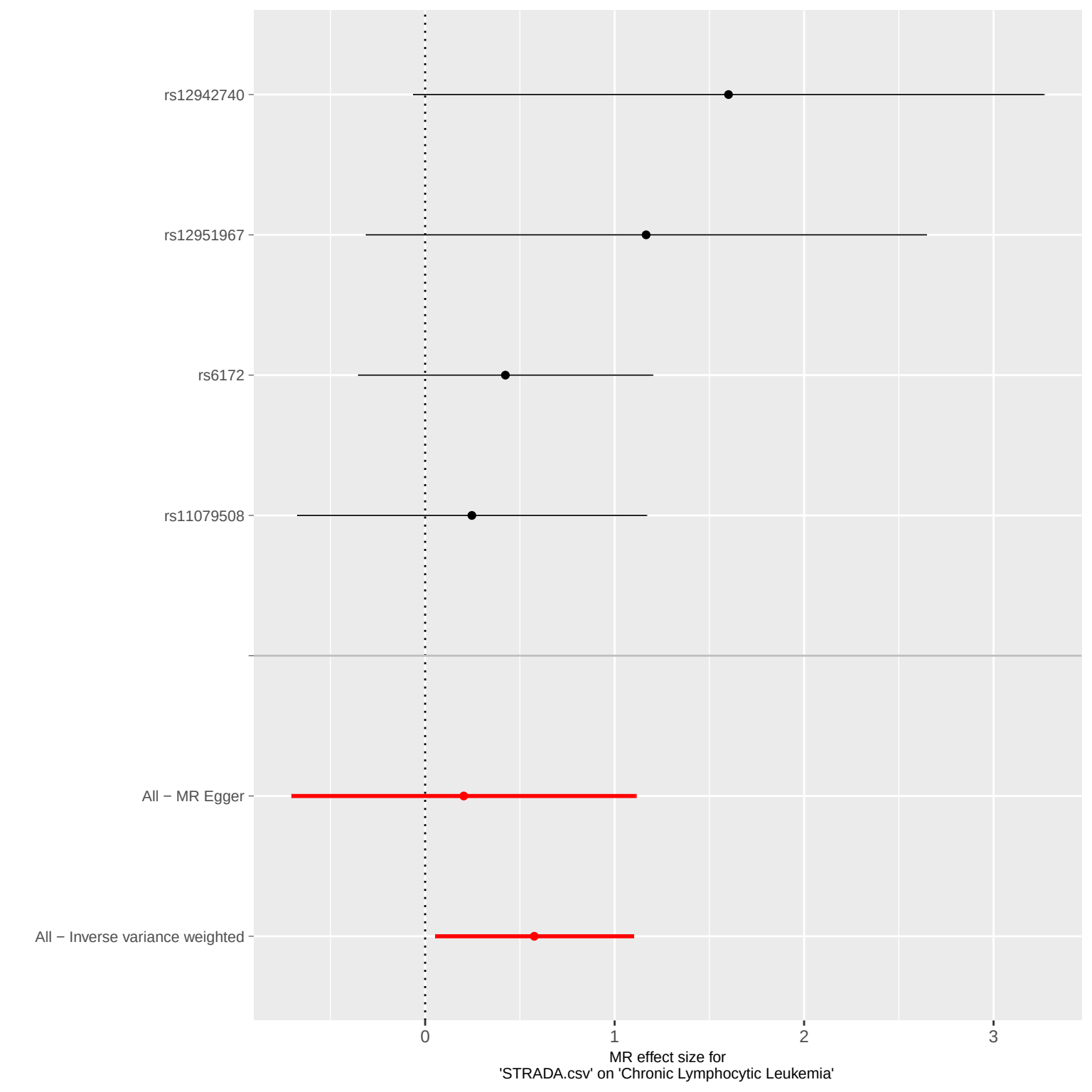
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All − Inverse variance weighted
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MR effect size for
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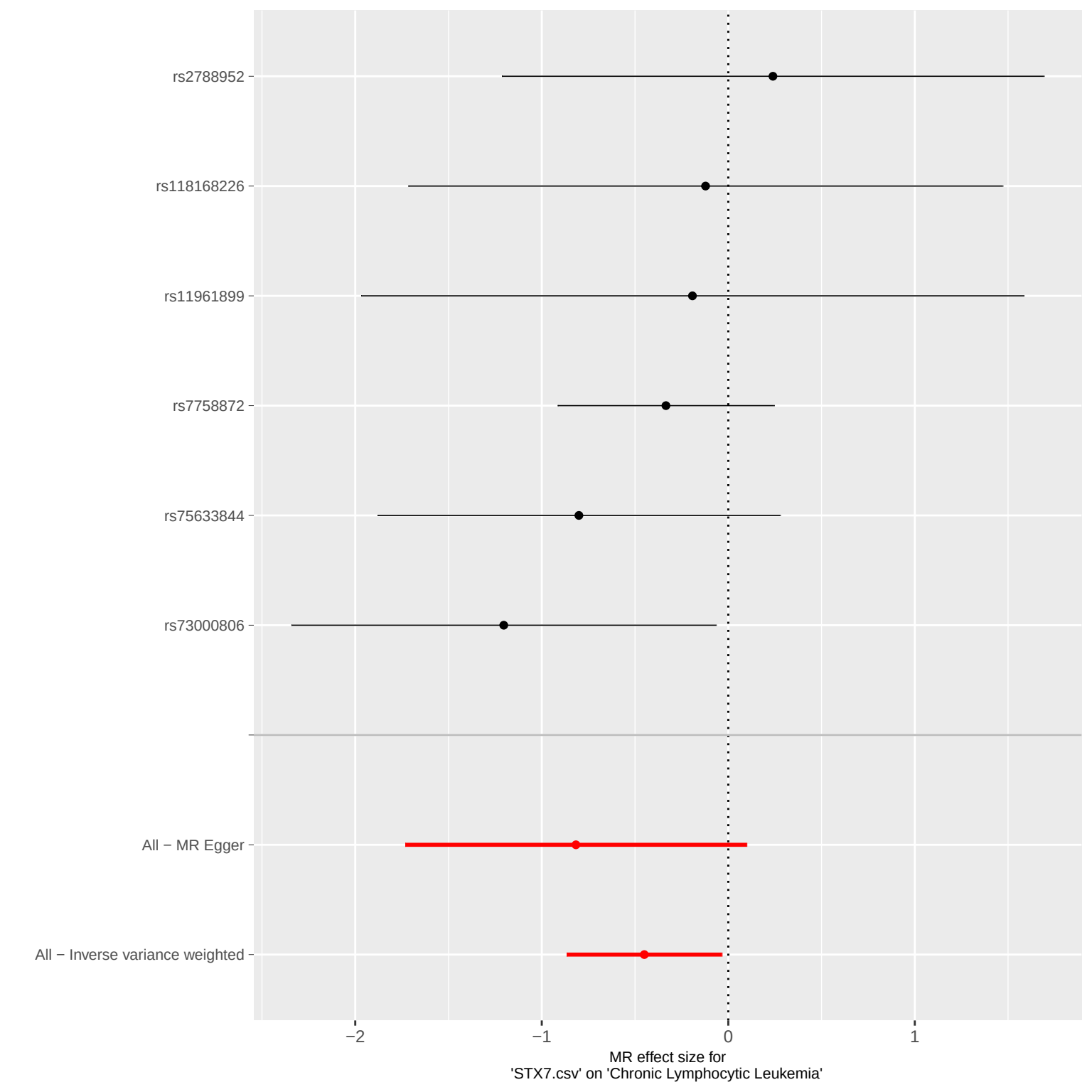
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MR effect size for
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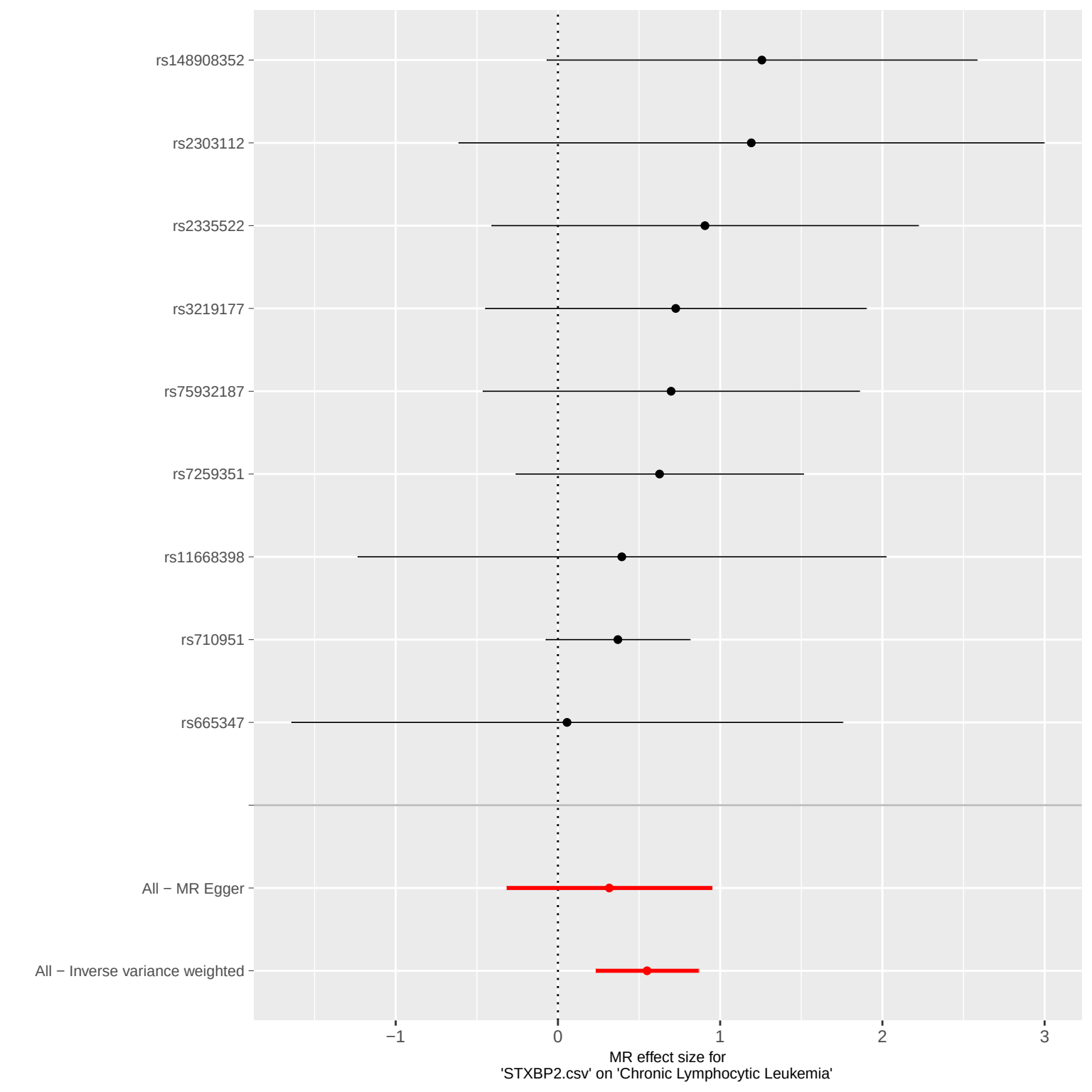
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All − Inverse variance weighted
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3
MR effect size for
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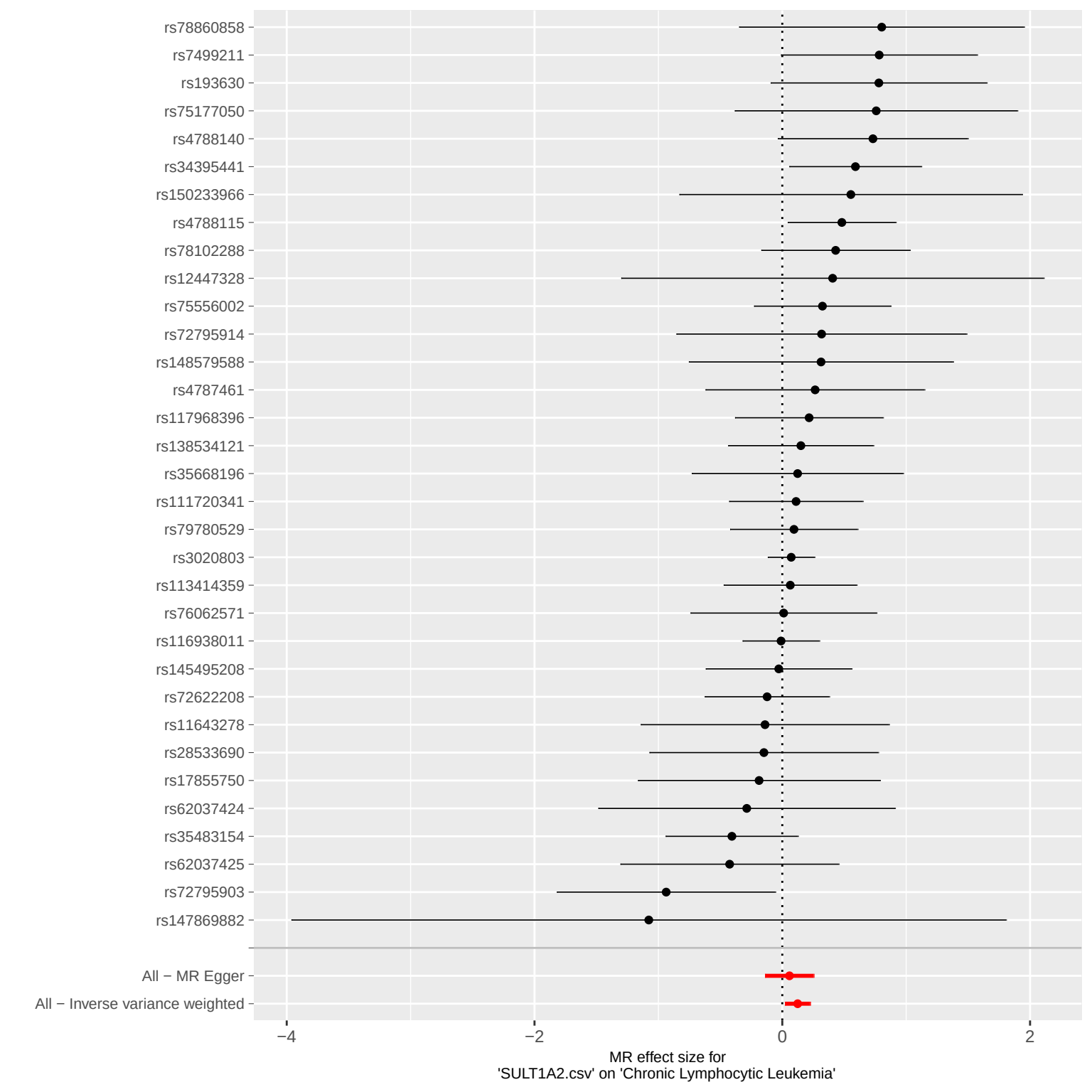
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All − Inverse variance weighted
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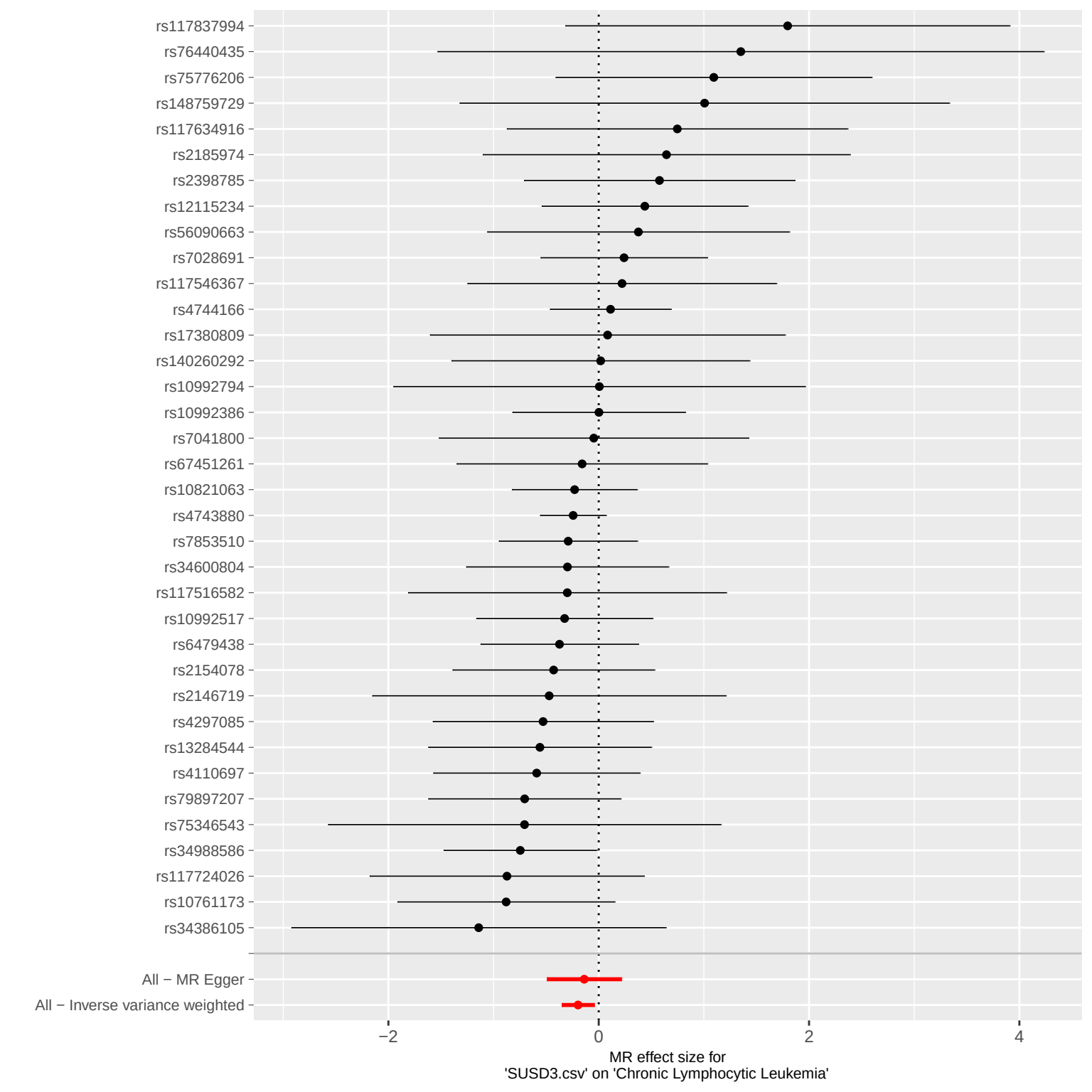
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All − Inverse variance weighted
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MR effect size for
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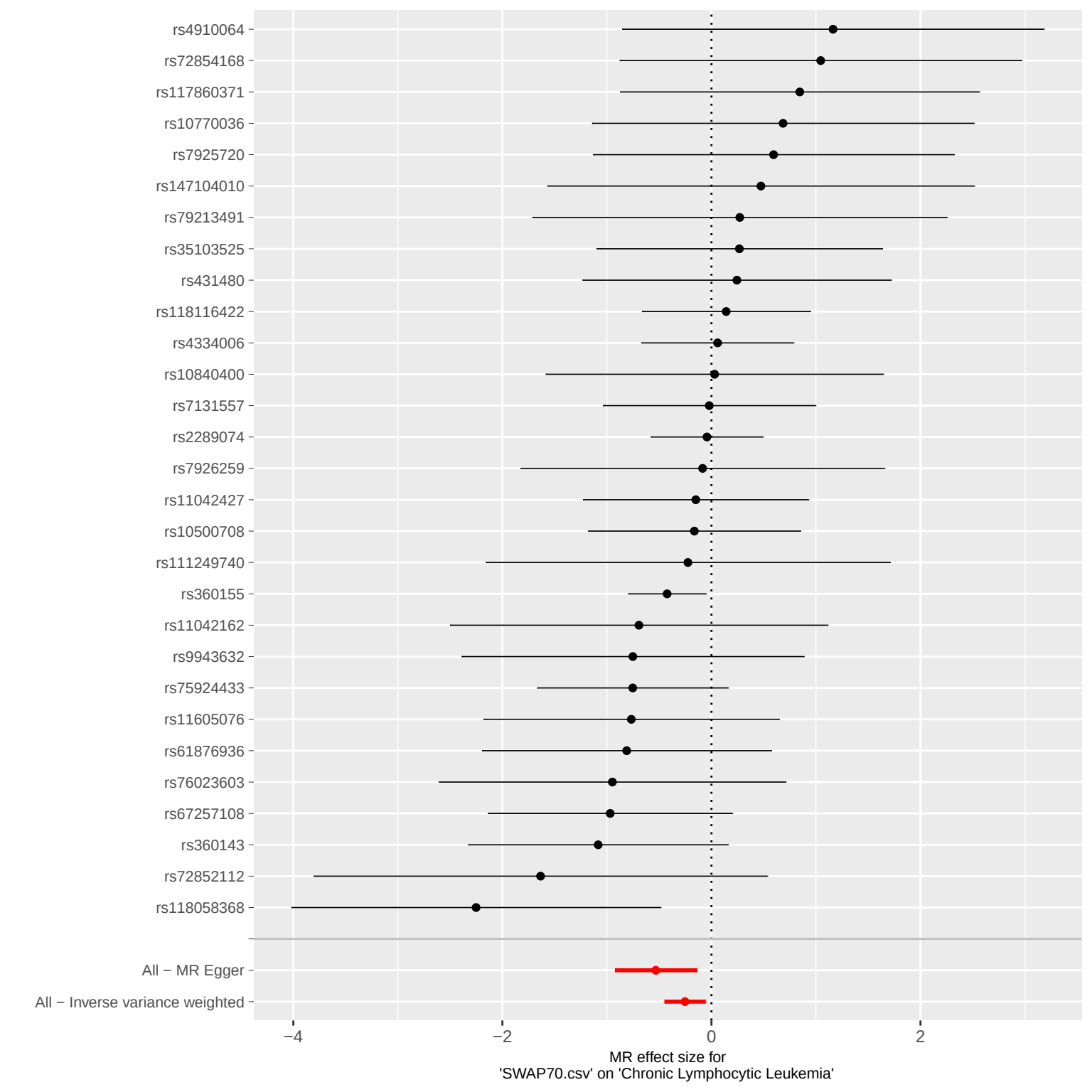
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All − Inverse variance weighted
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MR effect size for
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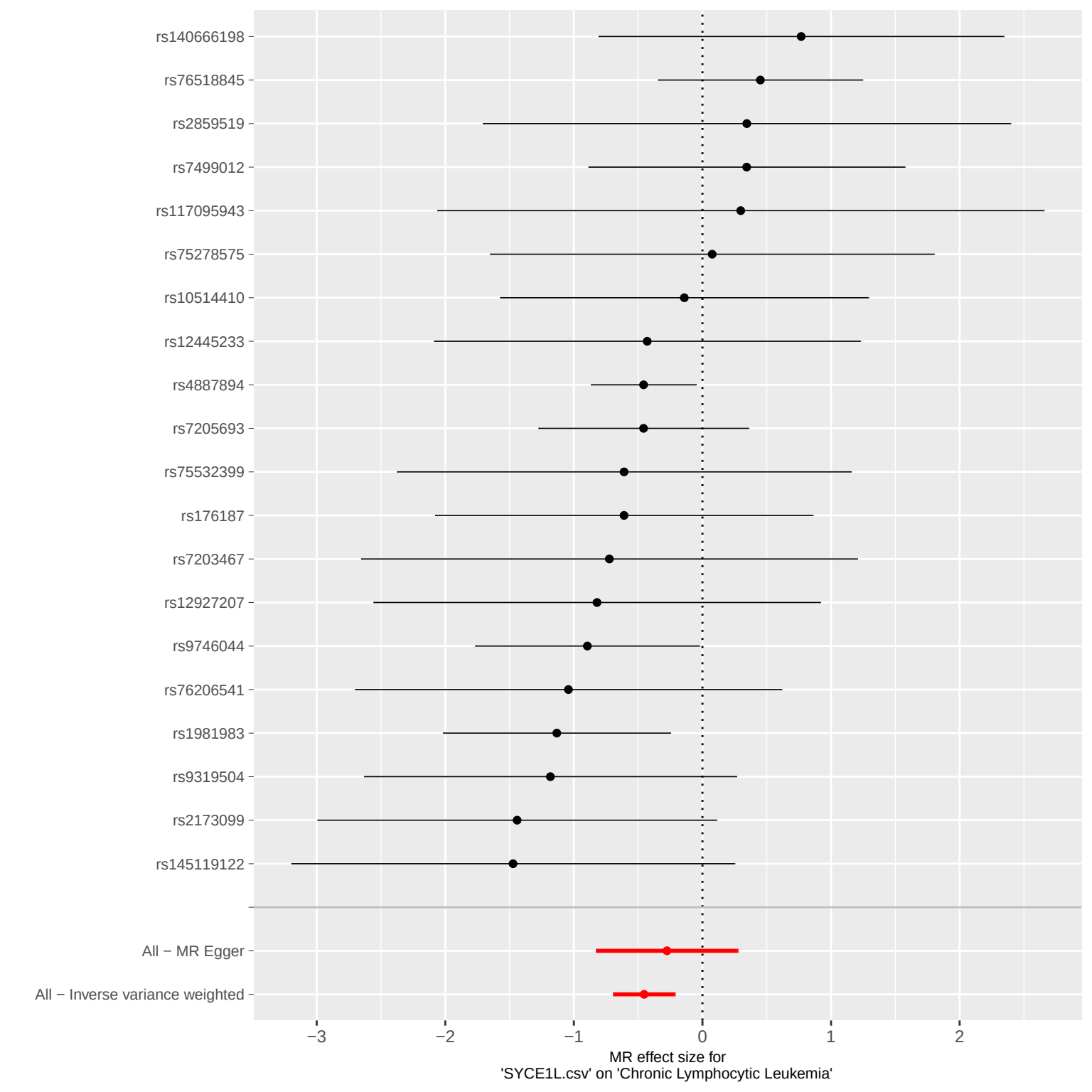
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All − Inverse variance weighted
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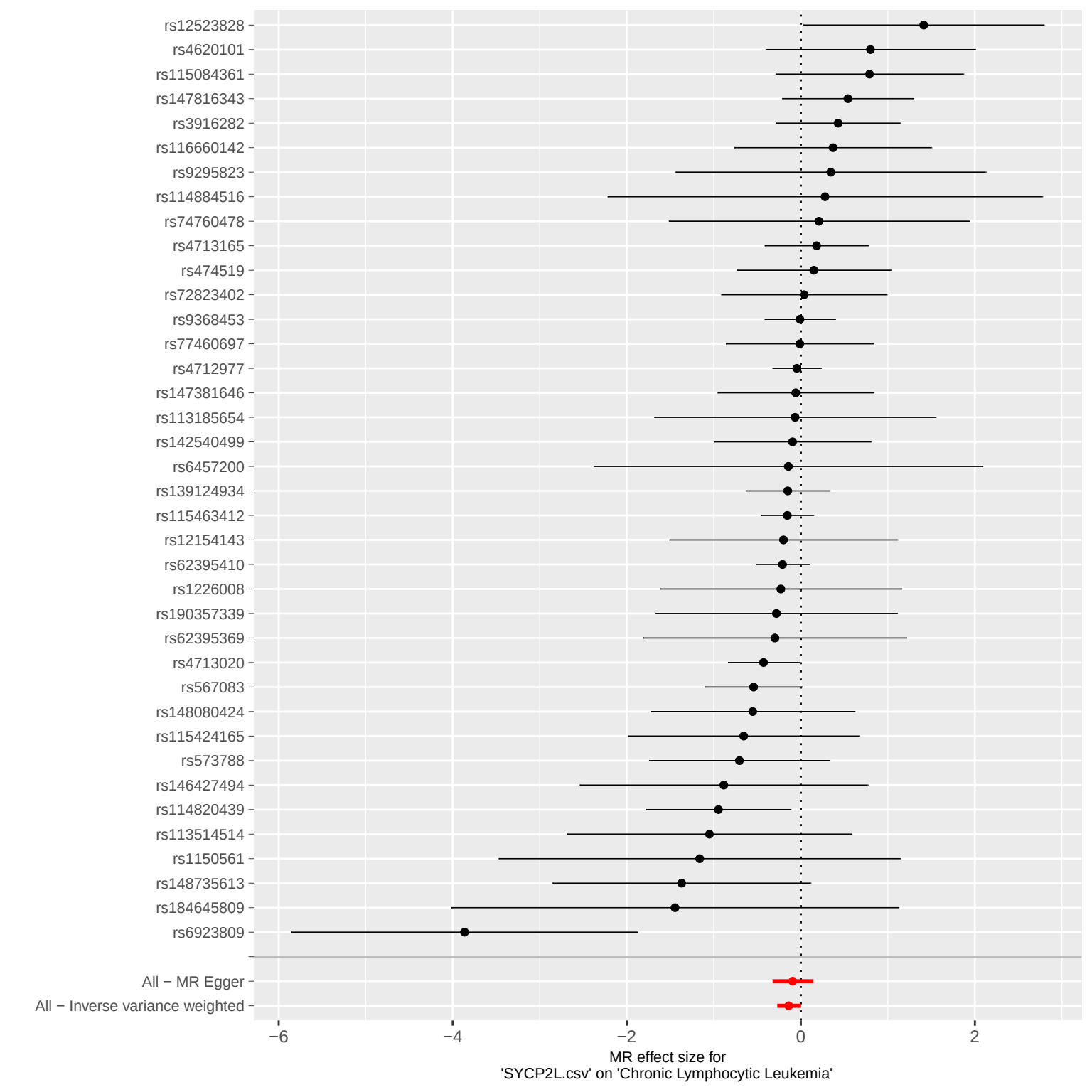
MR effect size for
'SYCE1L.csv' on 'Chronic Lymphocytic Leukemia'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−2
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MR effect size for
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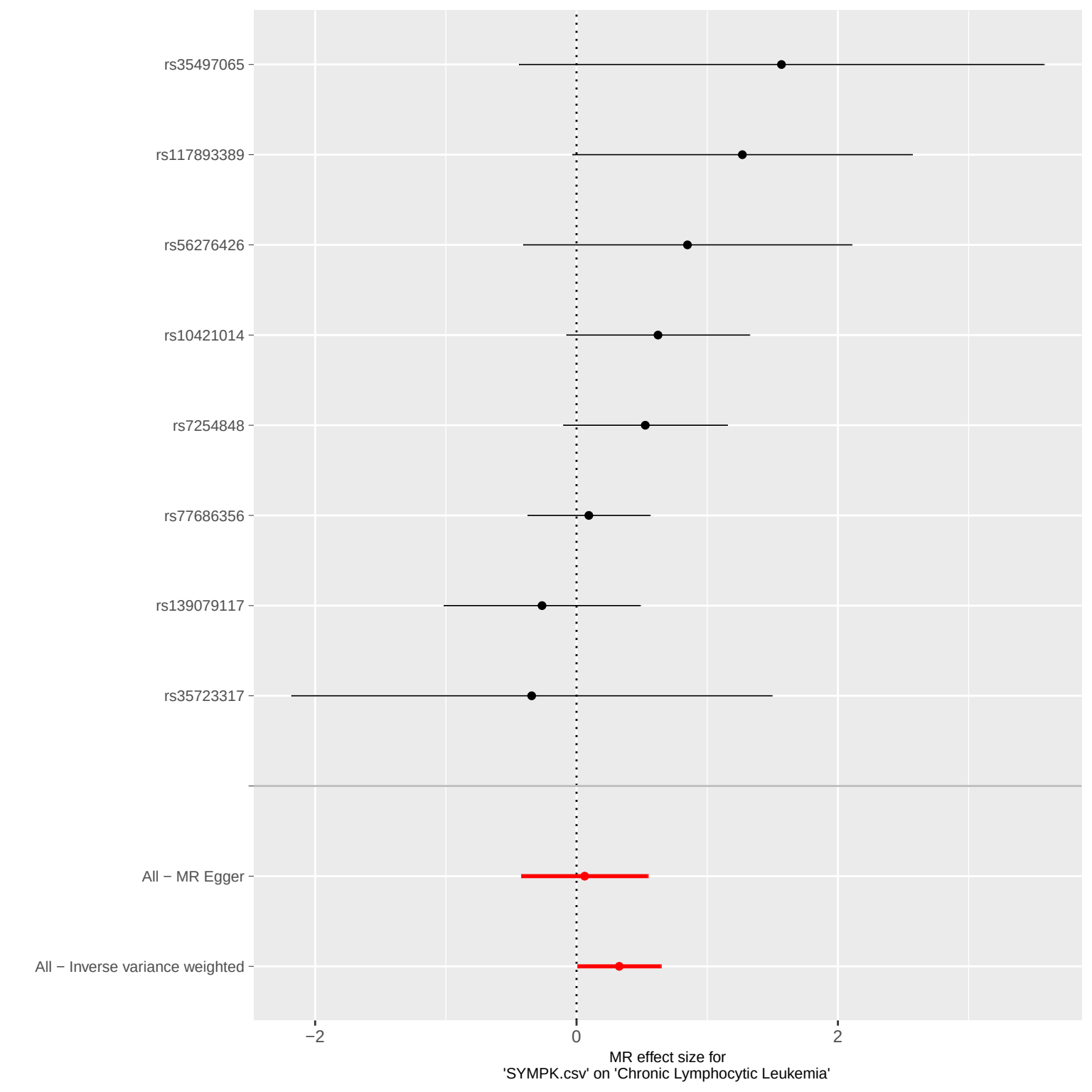
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rs77686356
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All − MR Egger
All − Inverse variance weighted
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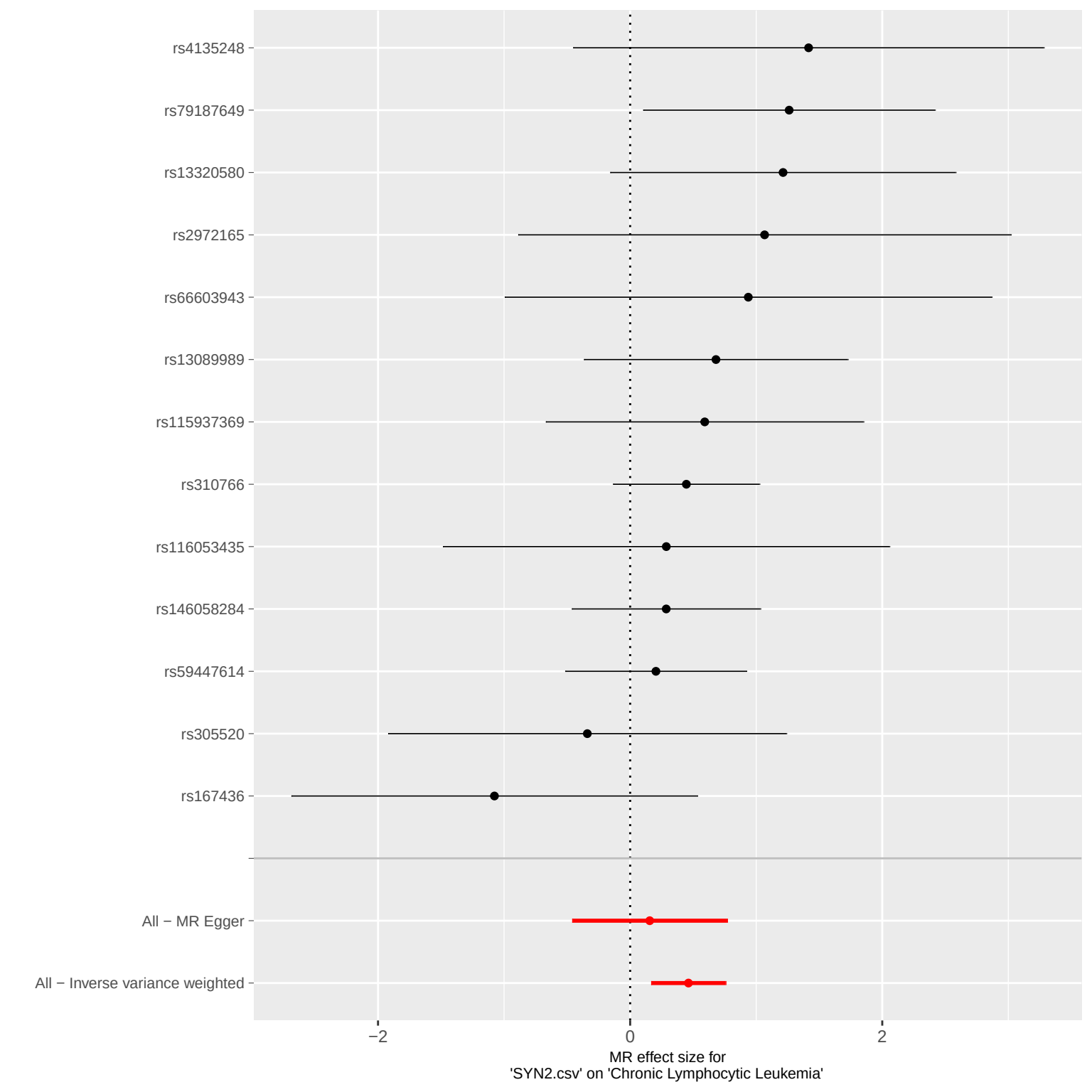
MR effect size for
'SYMPK.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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MR effect size for
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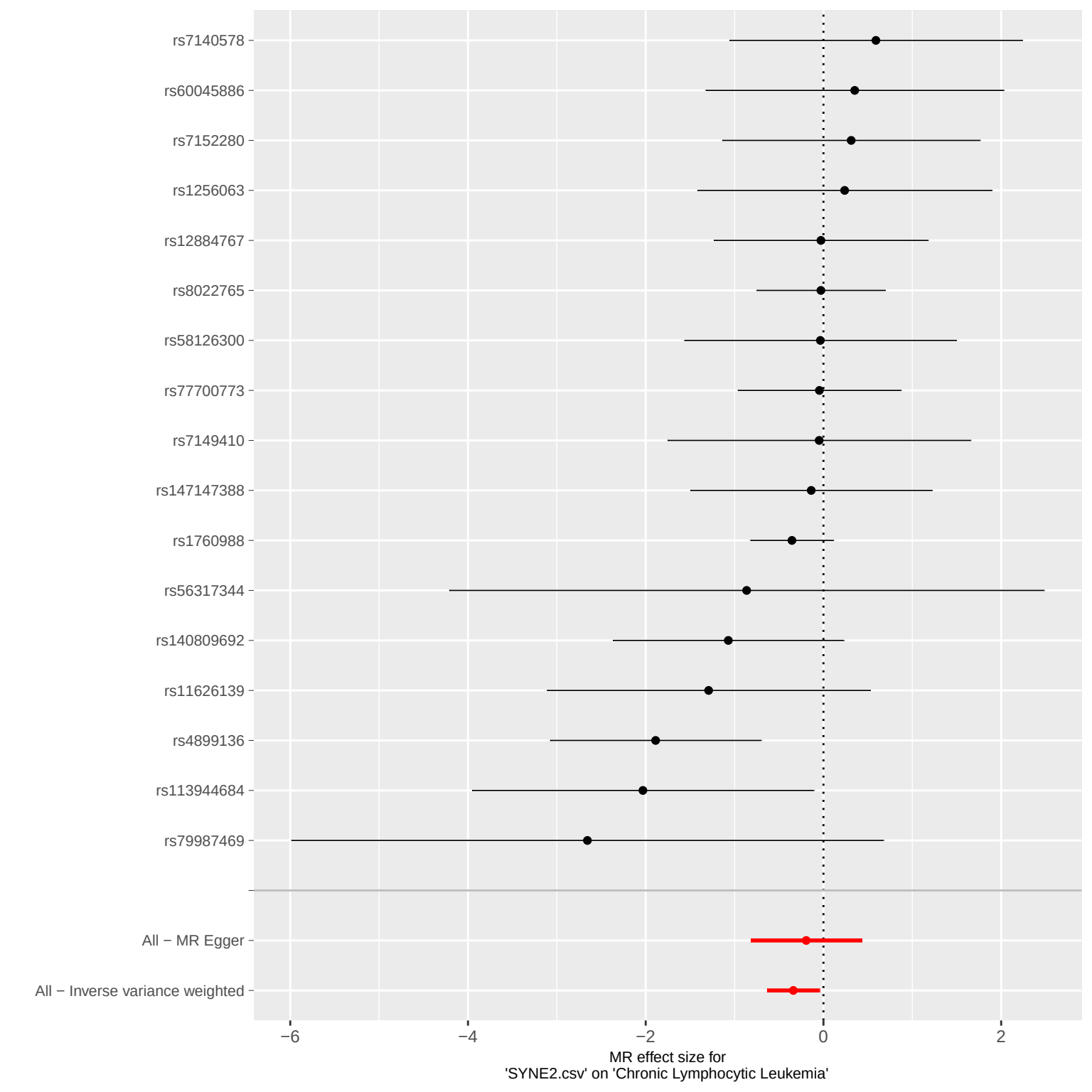
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All − MR Egger
All − Inverse variance weighted
−6
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MR effect size for
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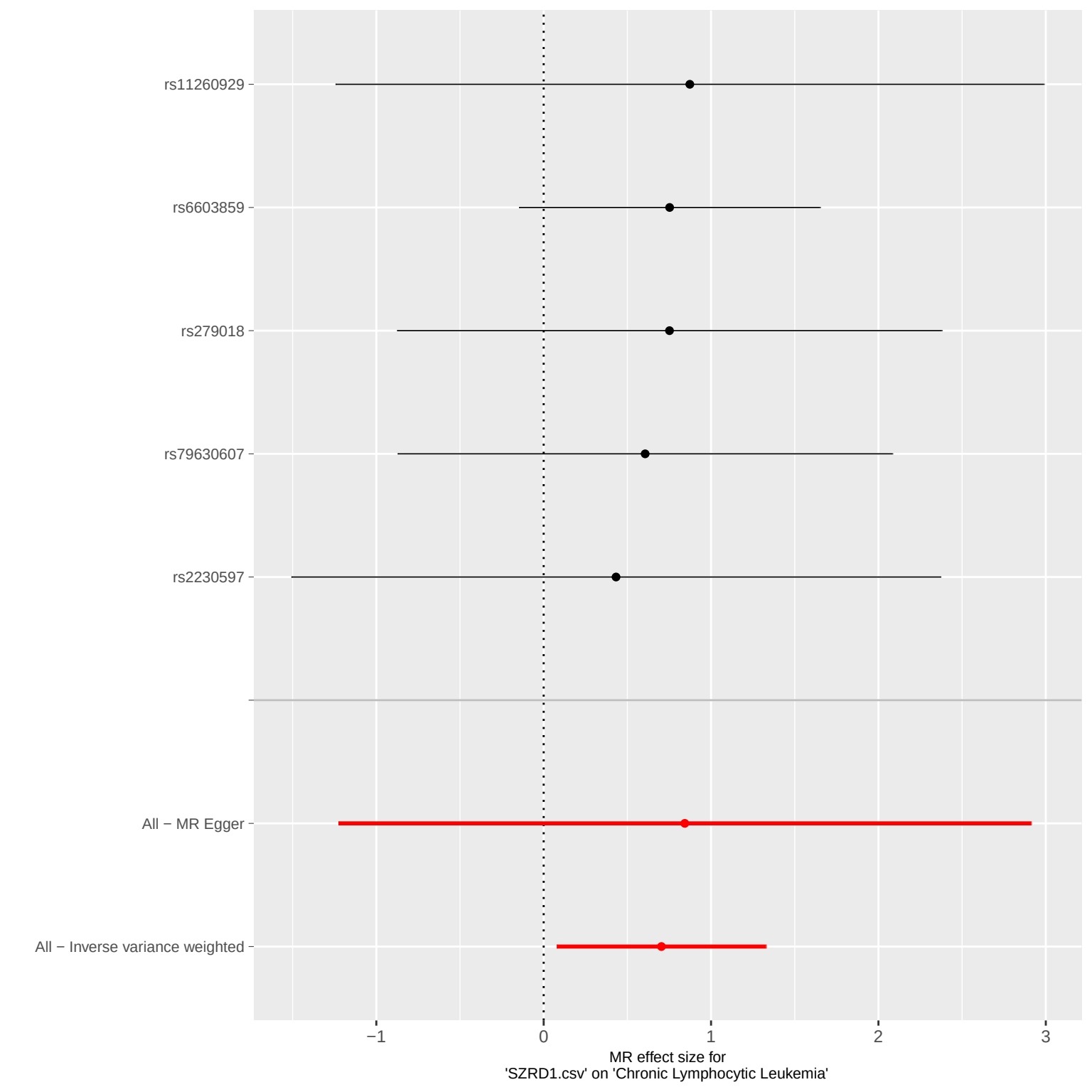
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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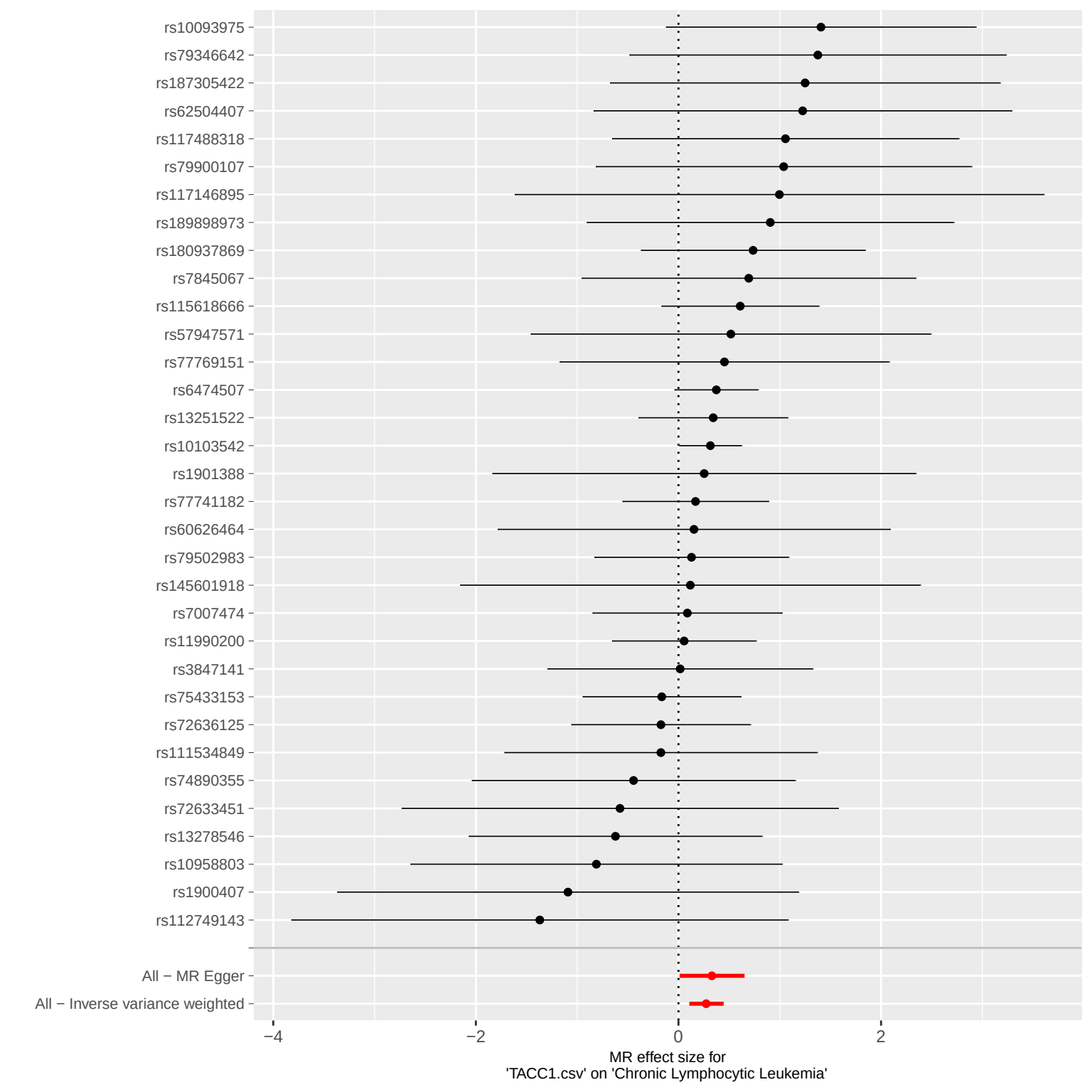
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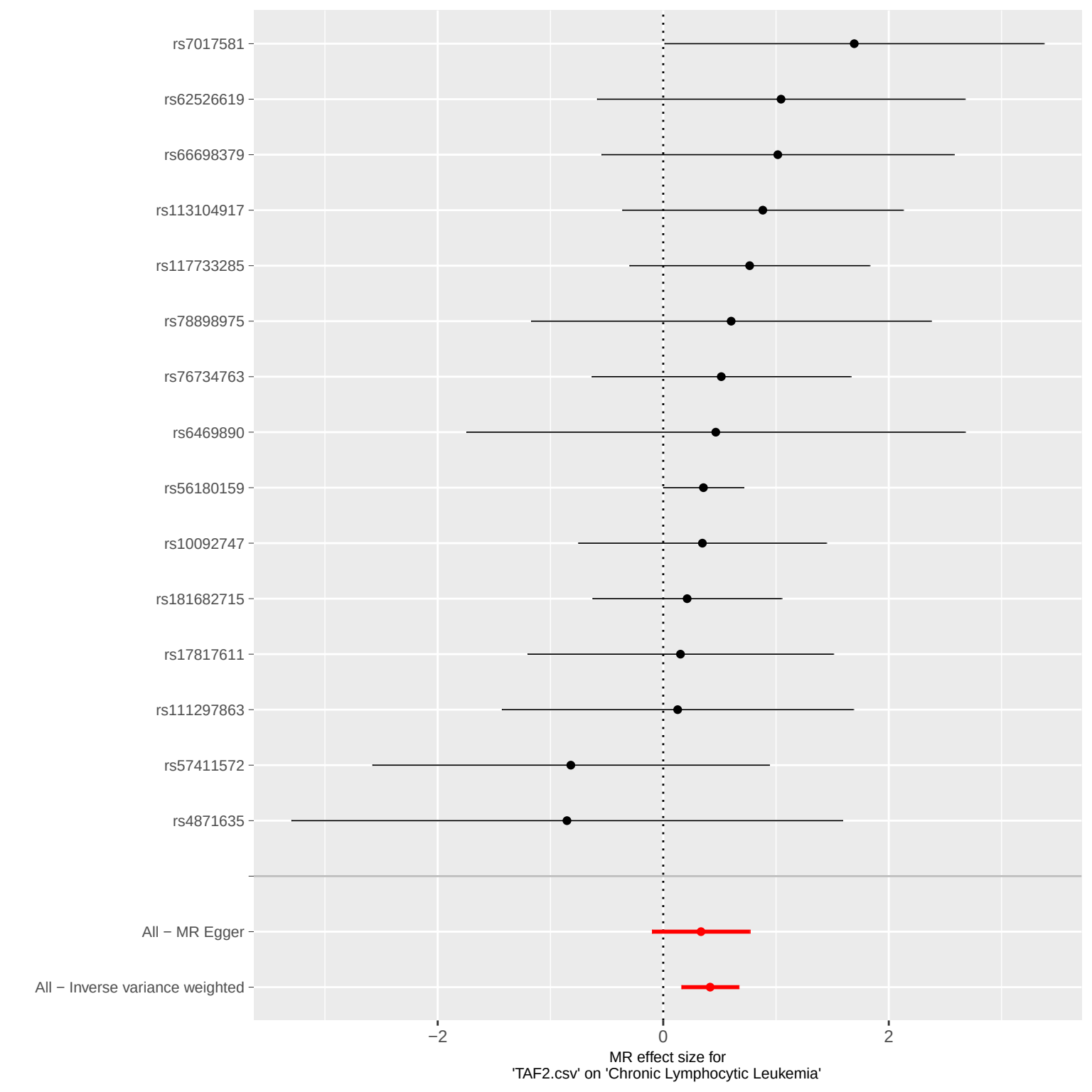
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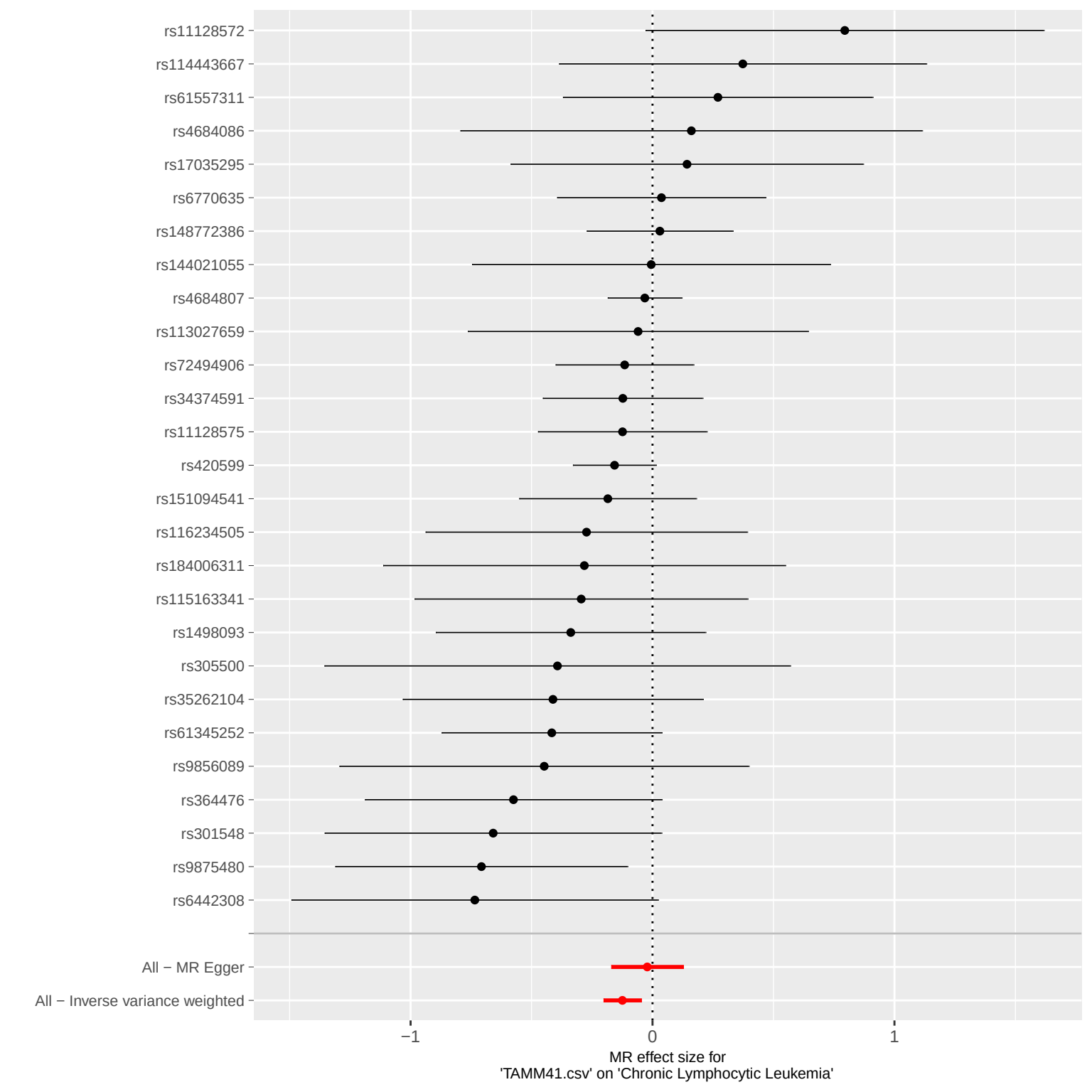
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All − Inverse variance weighted
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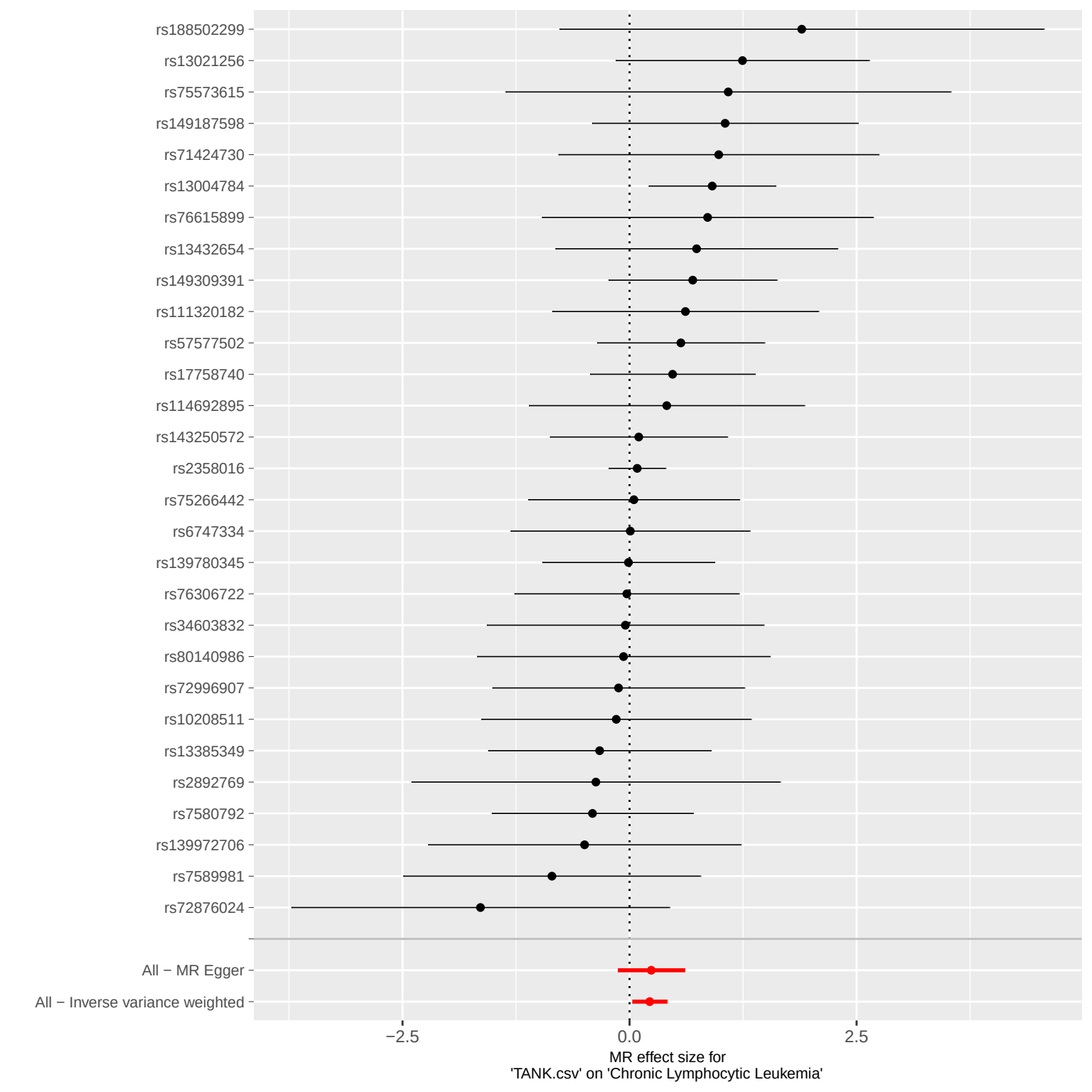
MR effect size for
'TAMM41.csv' on 'Chronic Lymphocytic Leukemia'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rs80140986
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rs10208511
rs13385349
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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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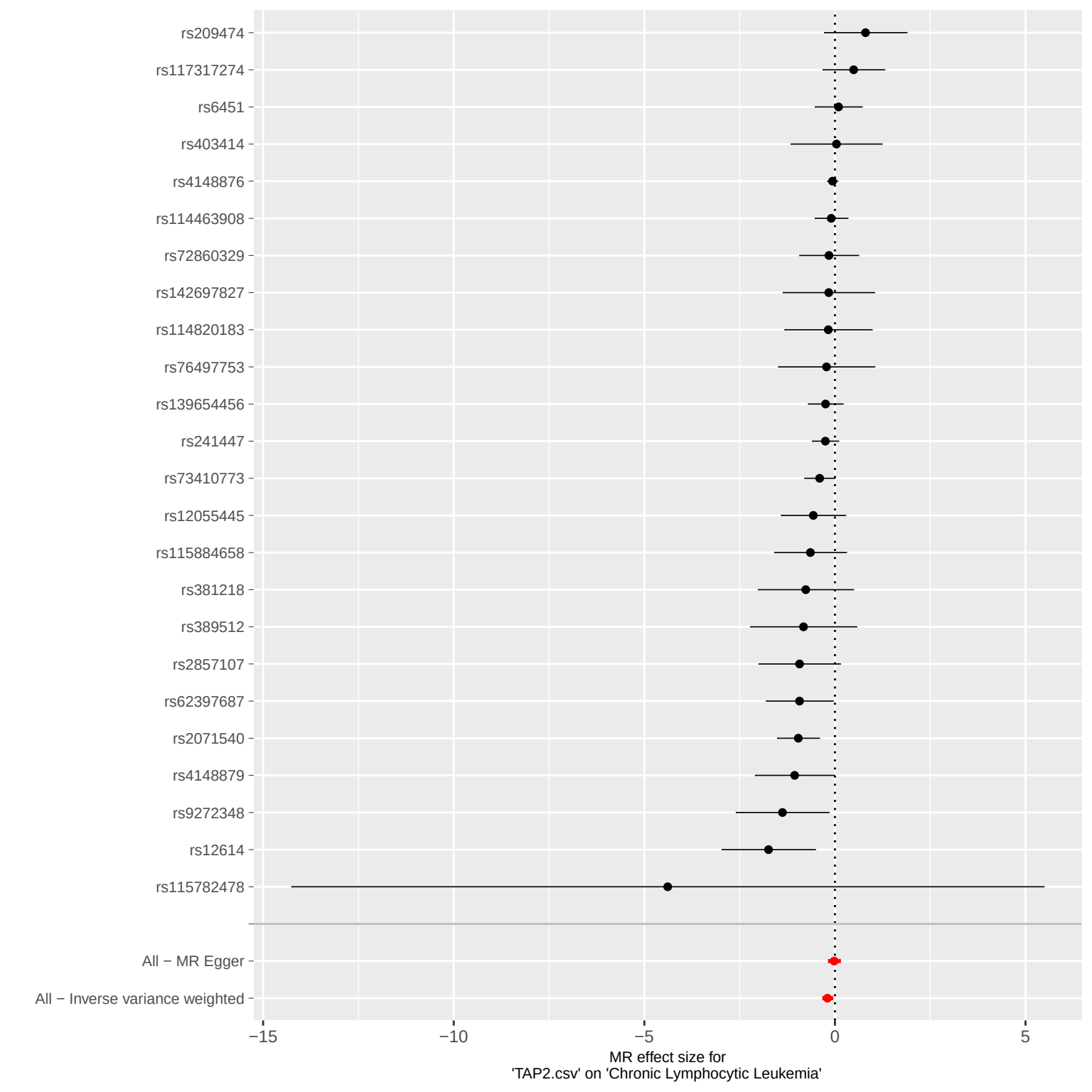
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All − Inverse variance weighted
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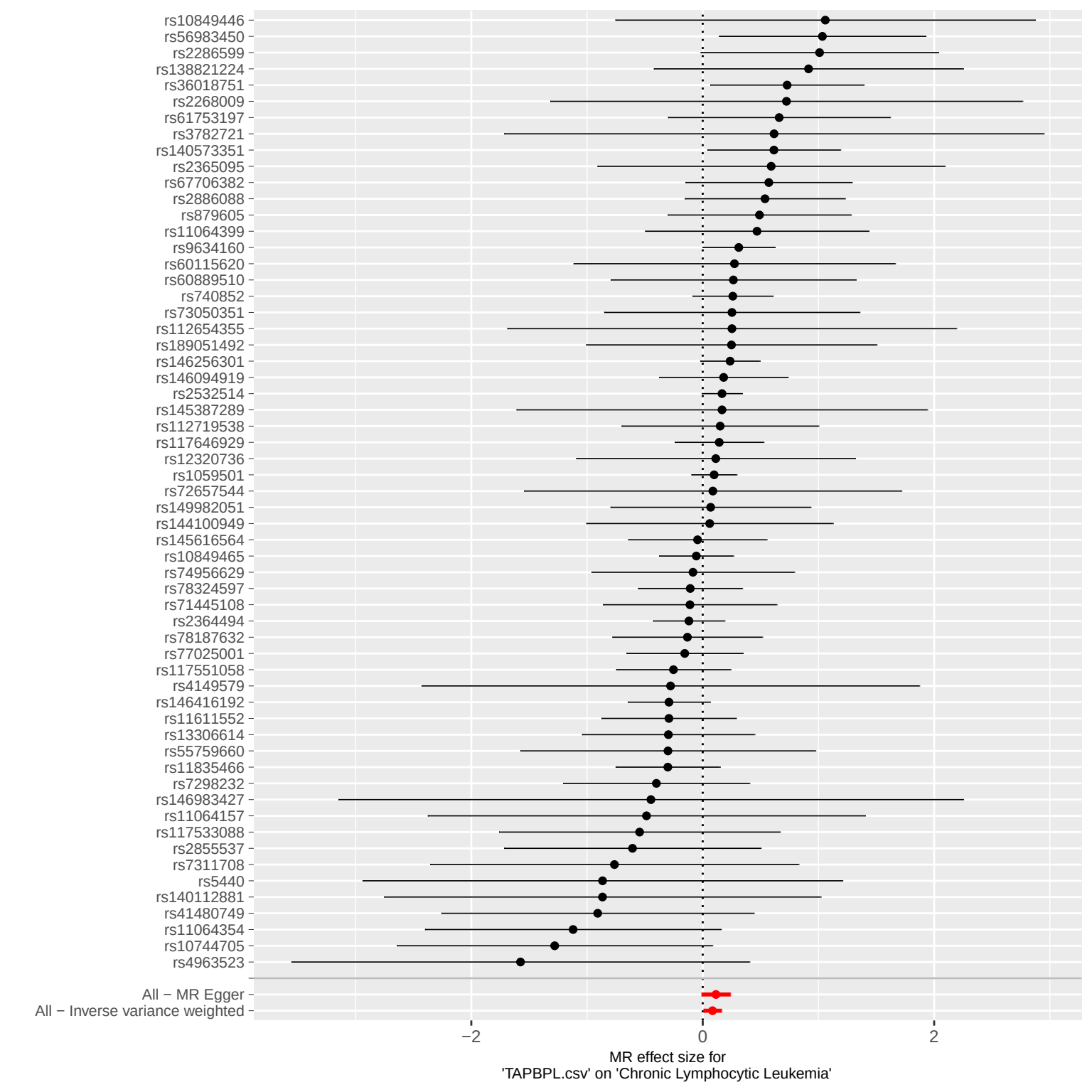
MR effect size for
'TAP2.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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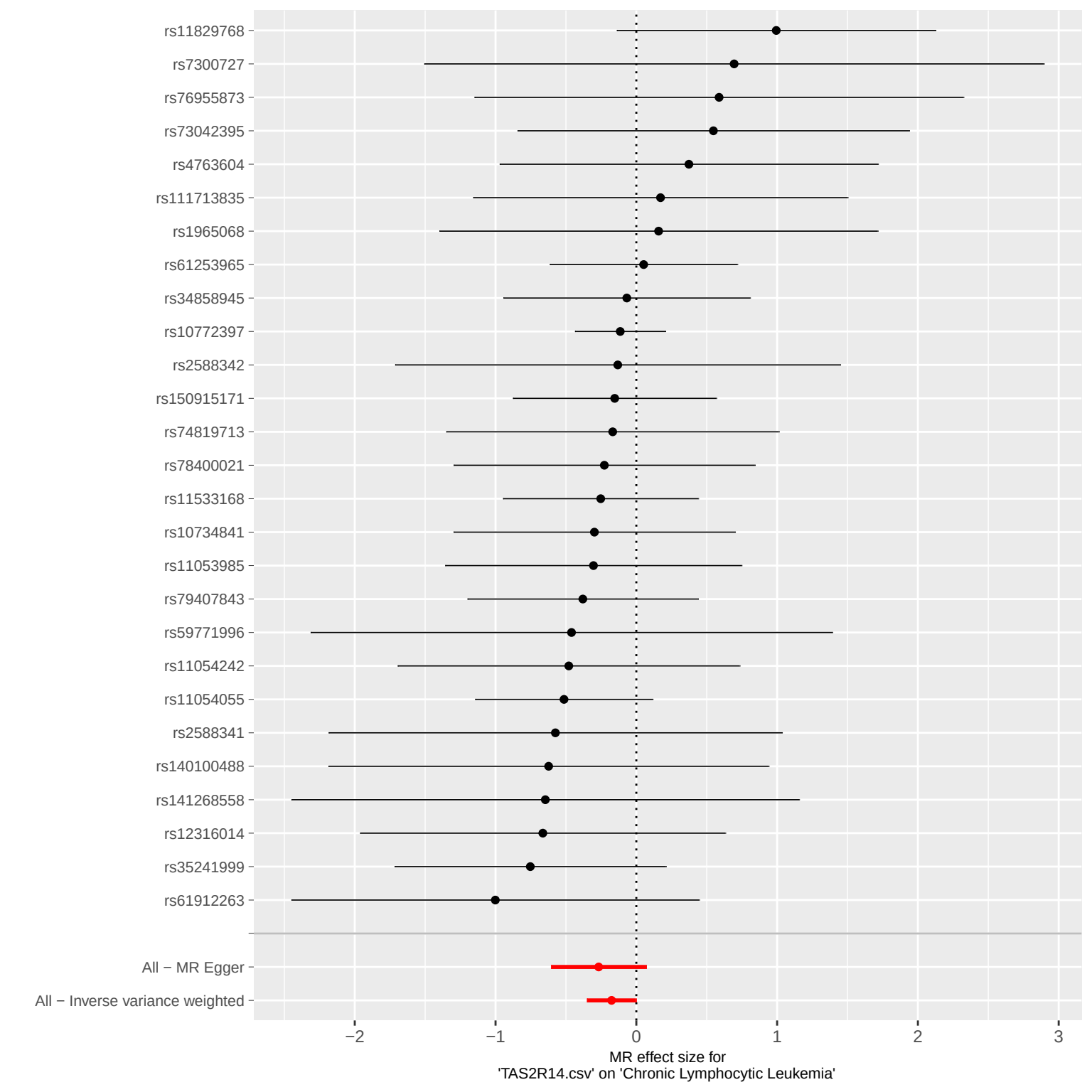
MR effect size for
'TAPBPL.csv' on 'Chronic Lymphocytic Leukemia'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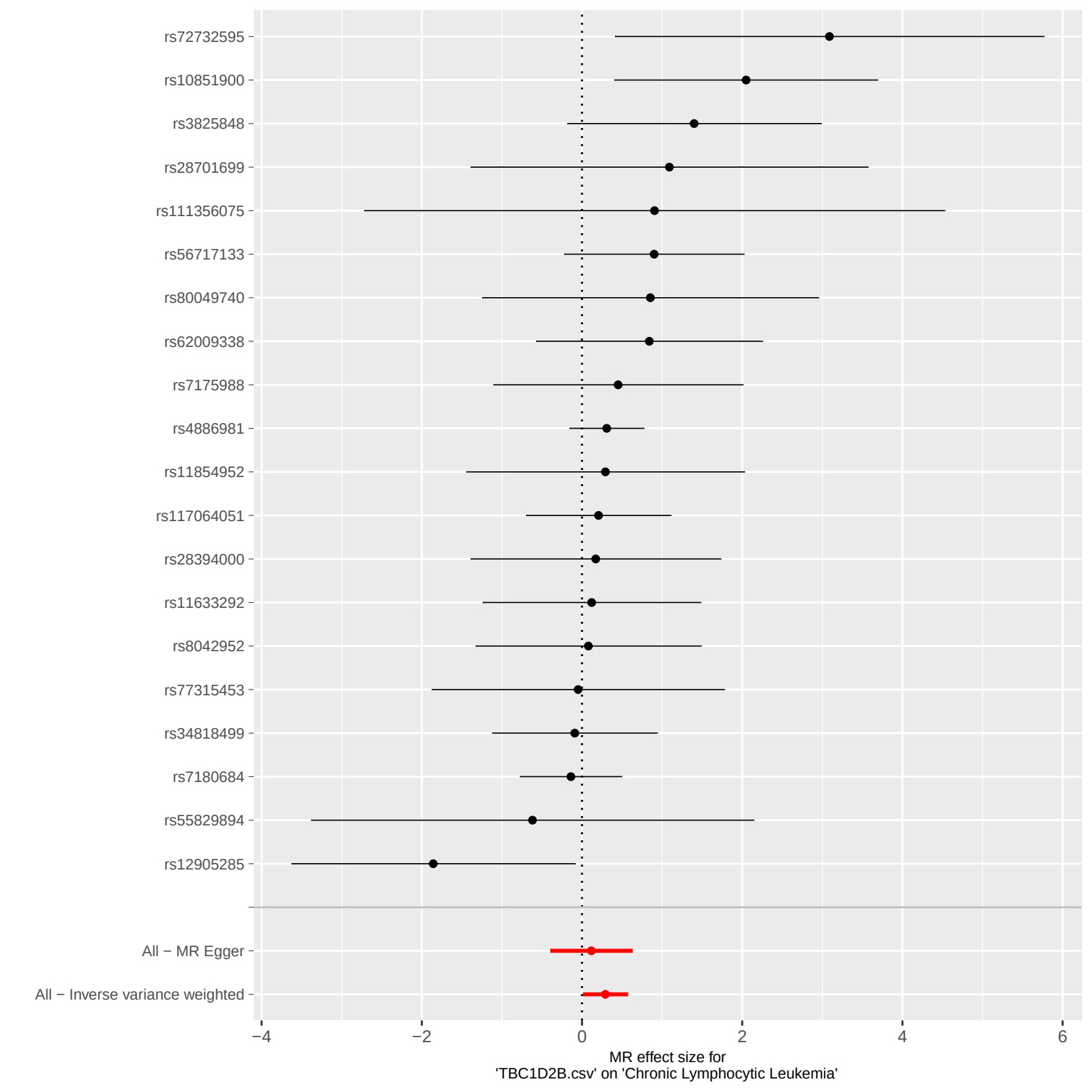
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rs28394000
rs11633292
rs8042952
rs77315453
rs34818499
rs7180684
rs55829894
rs12905285
All − MR Egger
All − Inverse variance weighted
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−2
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2
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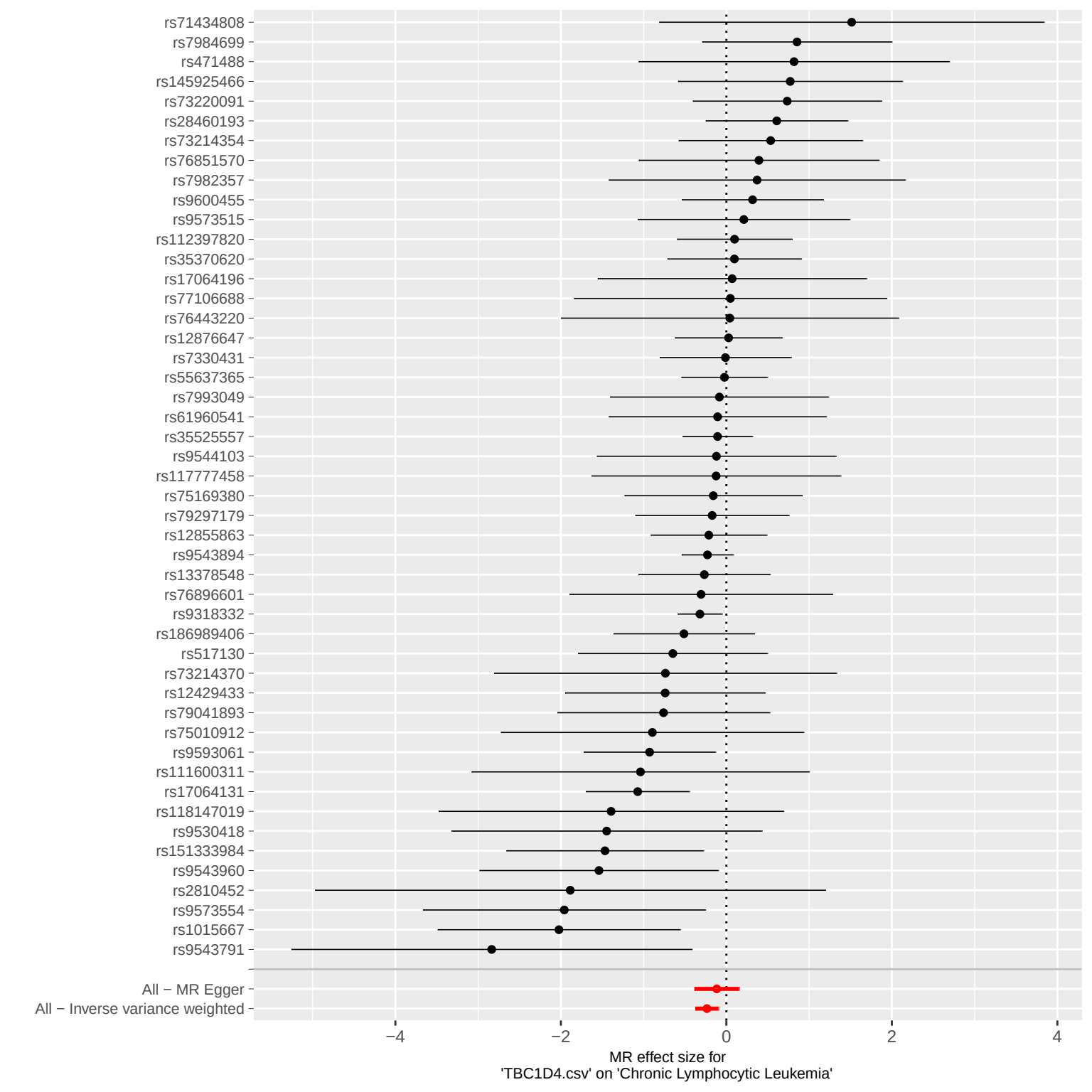
MR effect size for
'TBC1D2B.csv' on 'Chronic Lymphocytic Leukemia'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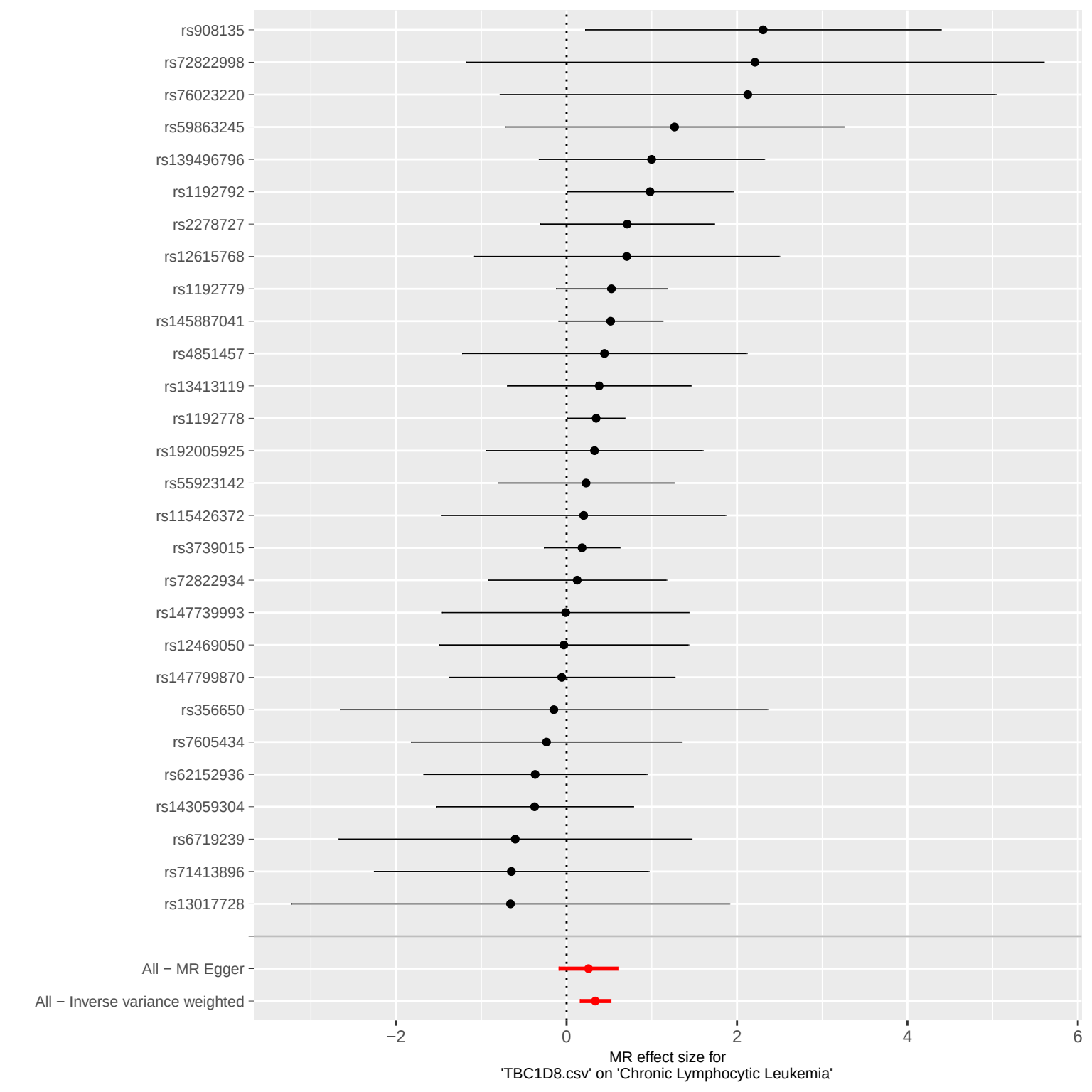
MR effect size for
'TBC1D4.csv' on 'Chronic Lymphocytic Leukemia'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rs143059304
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All − MR Egger
All − Inverse variance weighted
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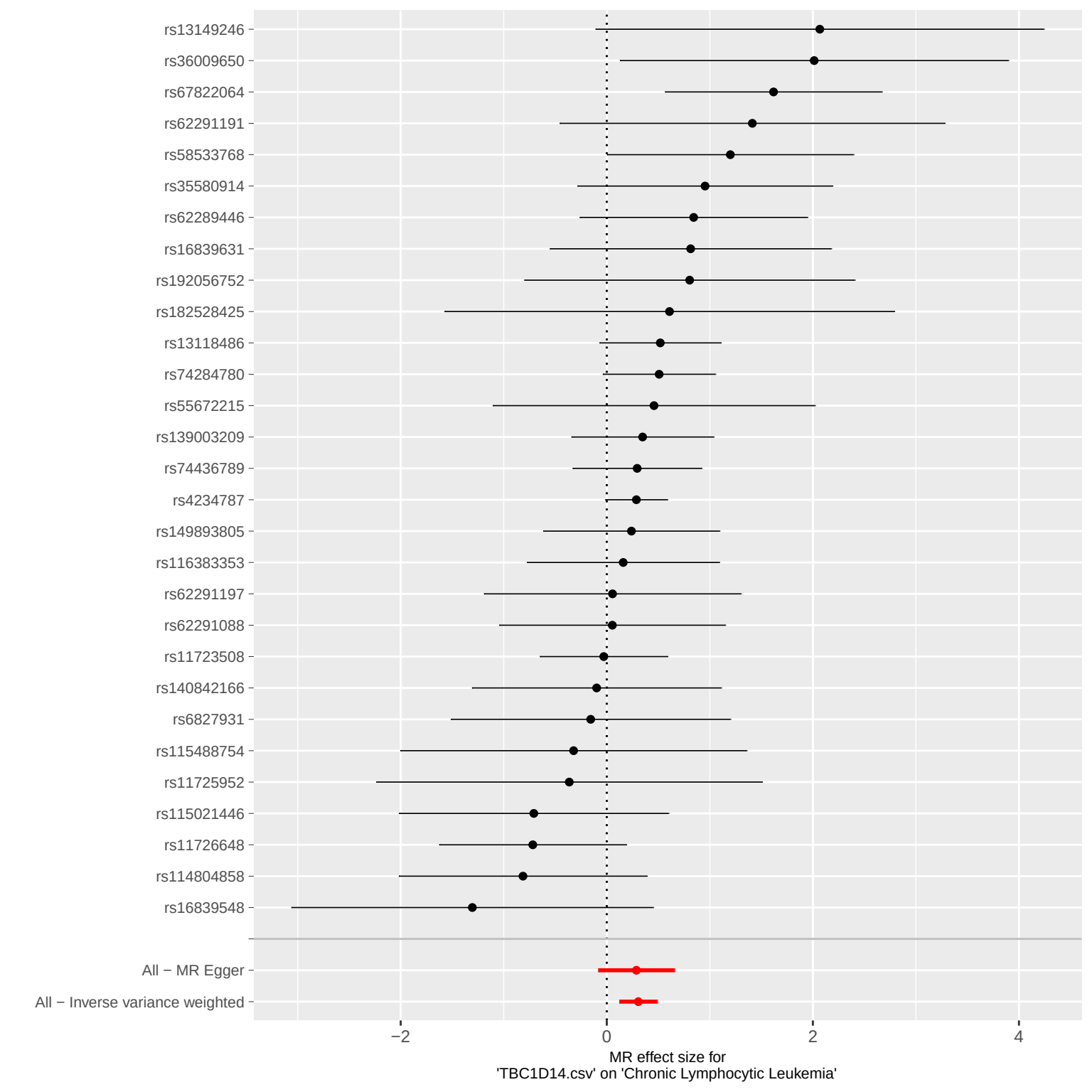
2
4
6
MR effect size for
'TBC1D8.csv' on 'Chronic Lymphocytic Leukemia'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rs114804858
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All − MR Egger
All − Inverse variance weighted
−2
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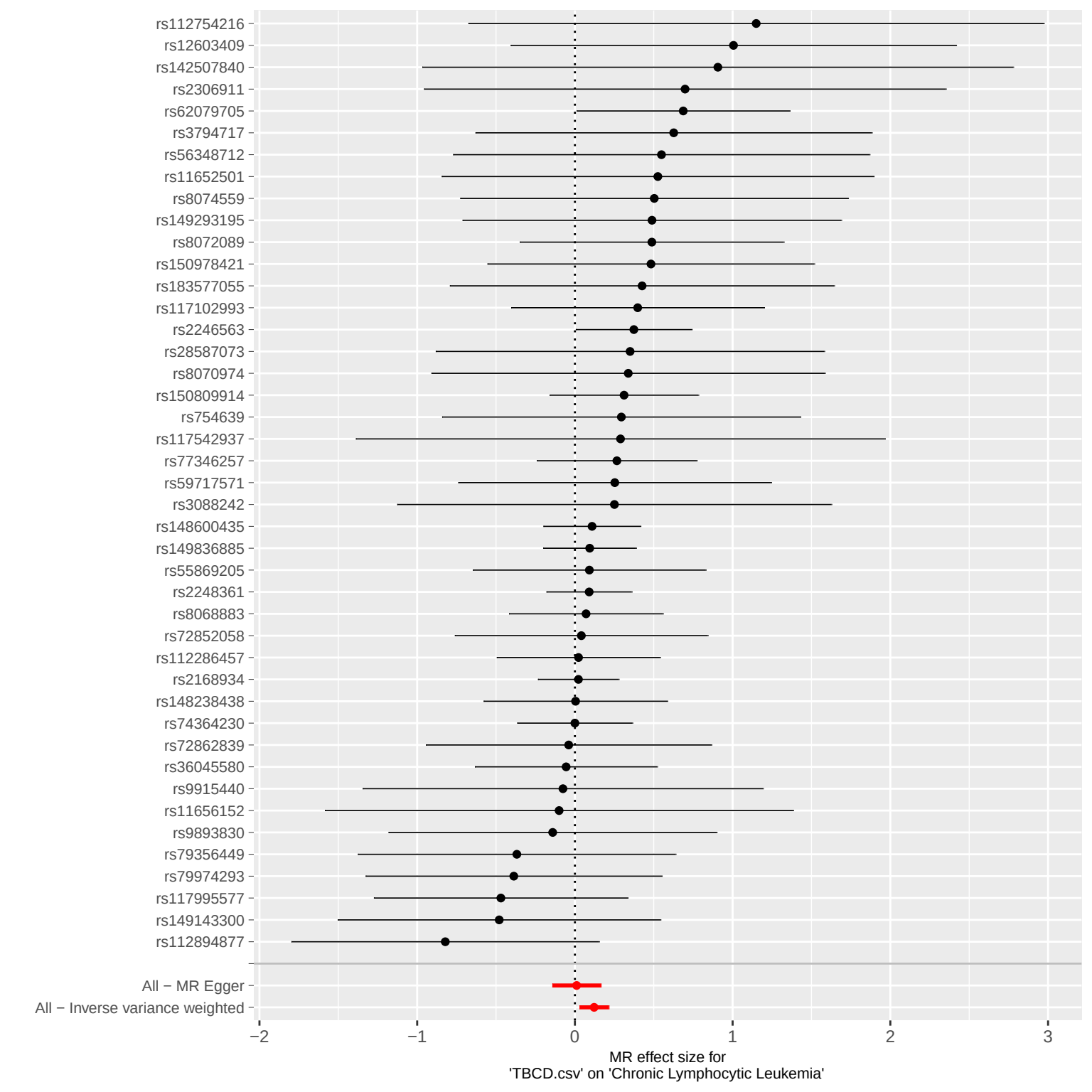
4
MR effect size for
'TBC1D14.csv' on 'Chronic Lymphocytic Leukemia'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rs8068883
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rs112894877
All − MR Egger
All − Inverse variance weighted
−2
−1
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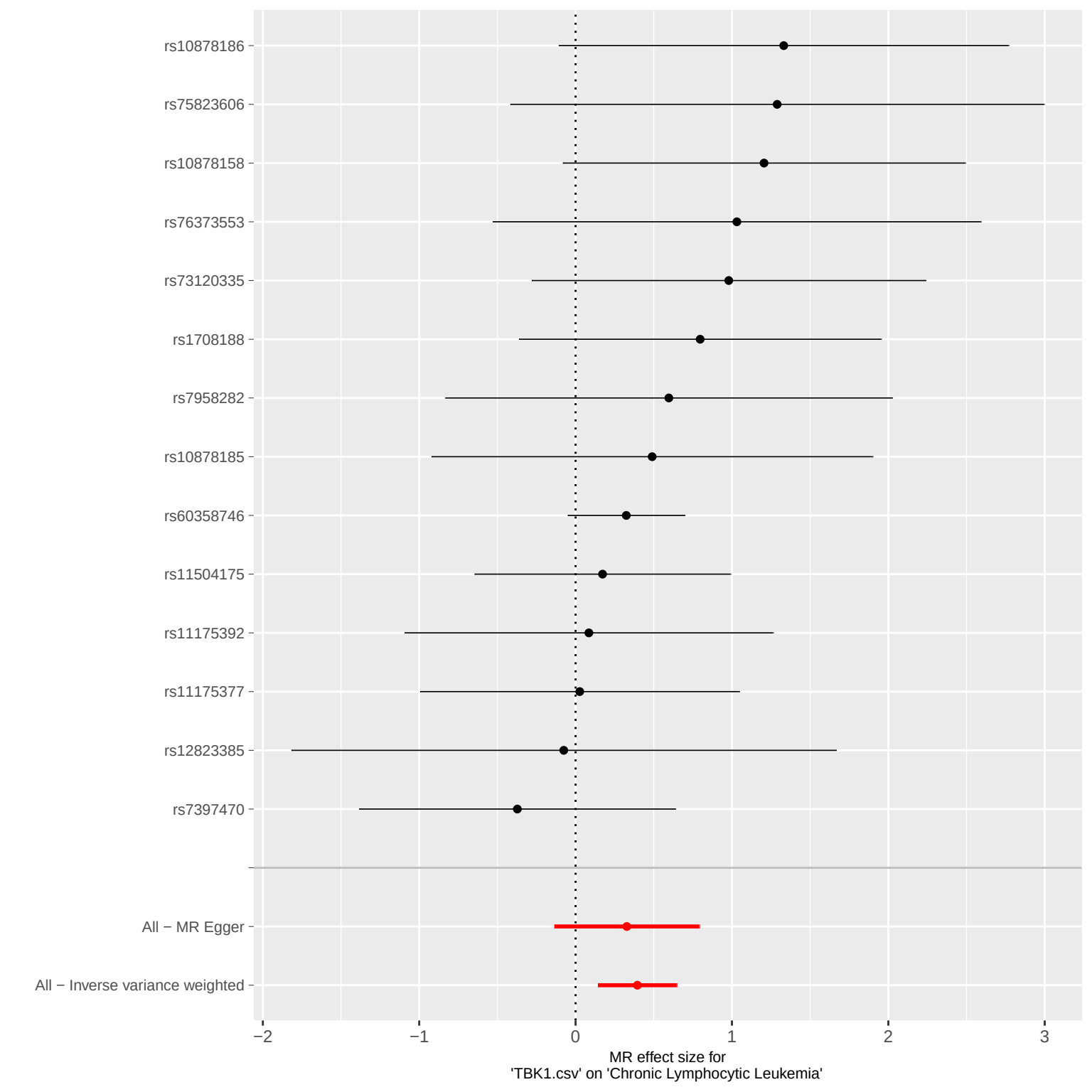
2
3
MR effect size for
'TBCD.csv' on 'Chronic Lymphocytic Leukemia'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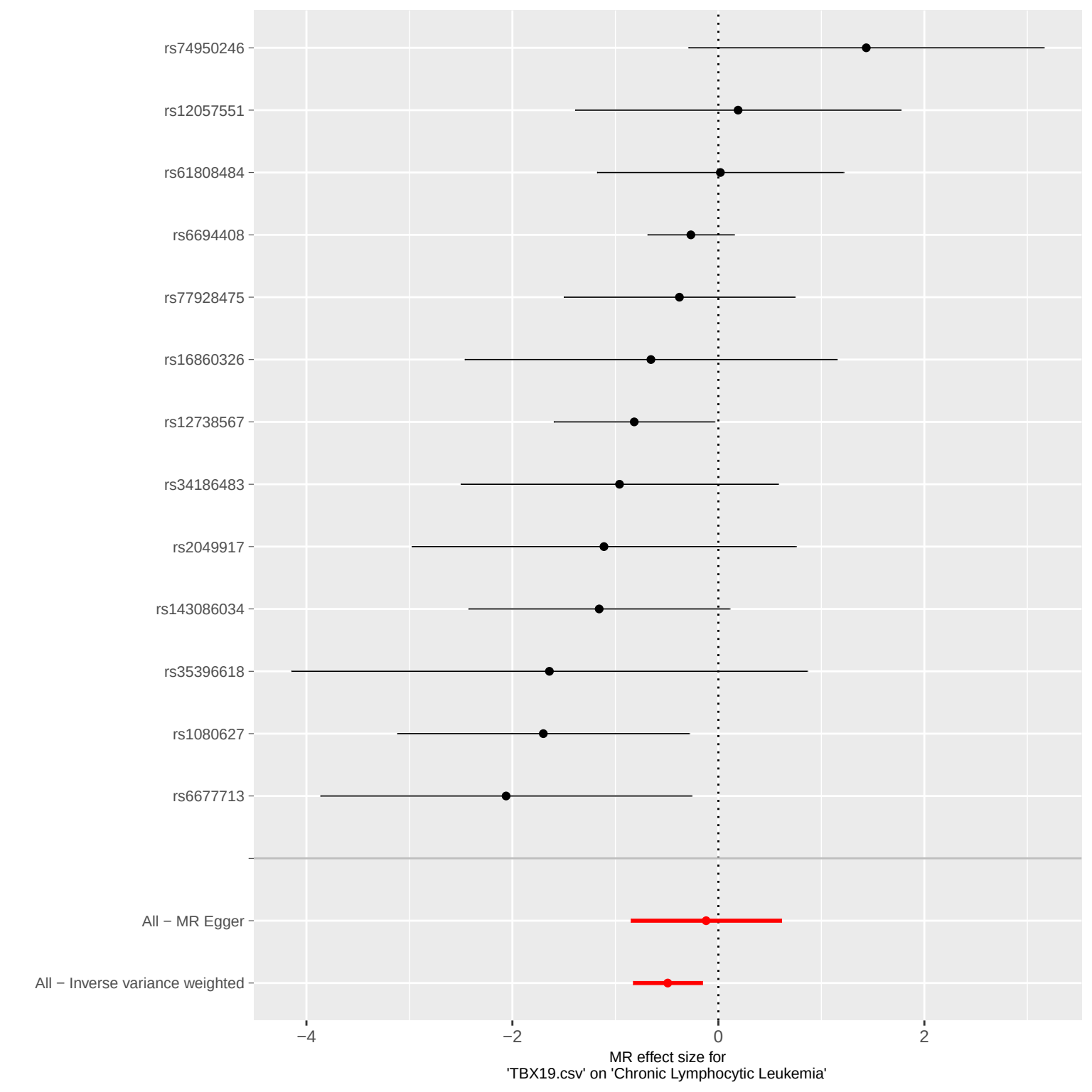
rs11504175
rs11175392
rs11175377
rs12823385
rs7397470
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'TBK1.csv' on 'Chronic Lymphocytic Leukemia'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rs143086034
rs35396618
rs1080627
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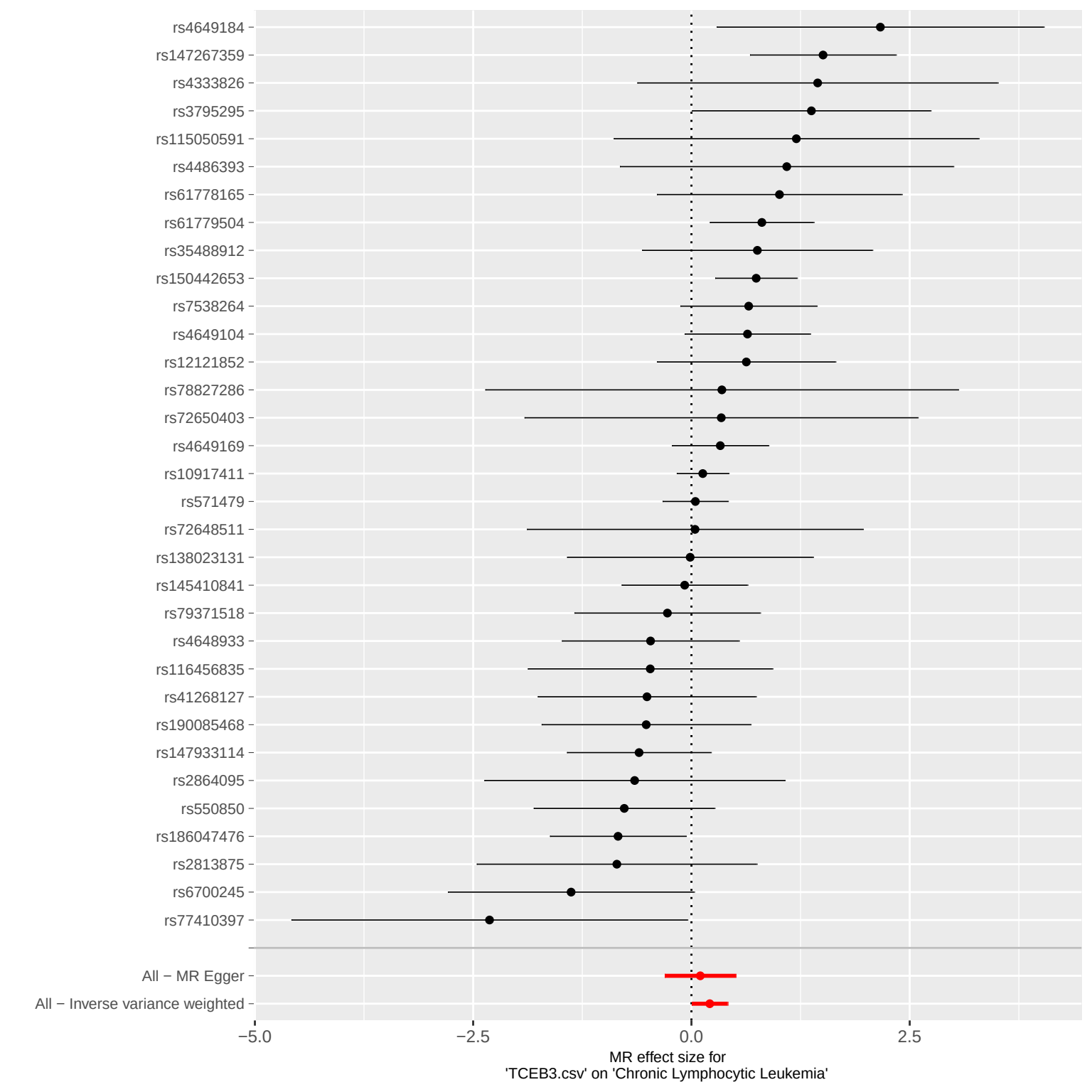
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TBX19.csv' on 'Chronic Lymphocytic Leukemia'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rs72650403
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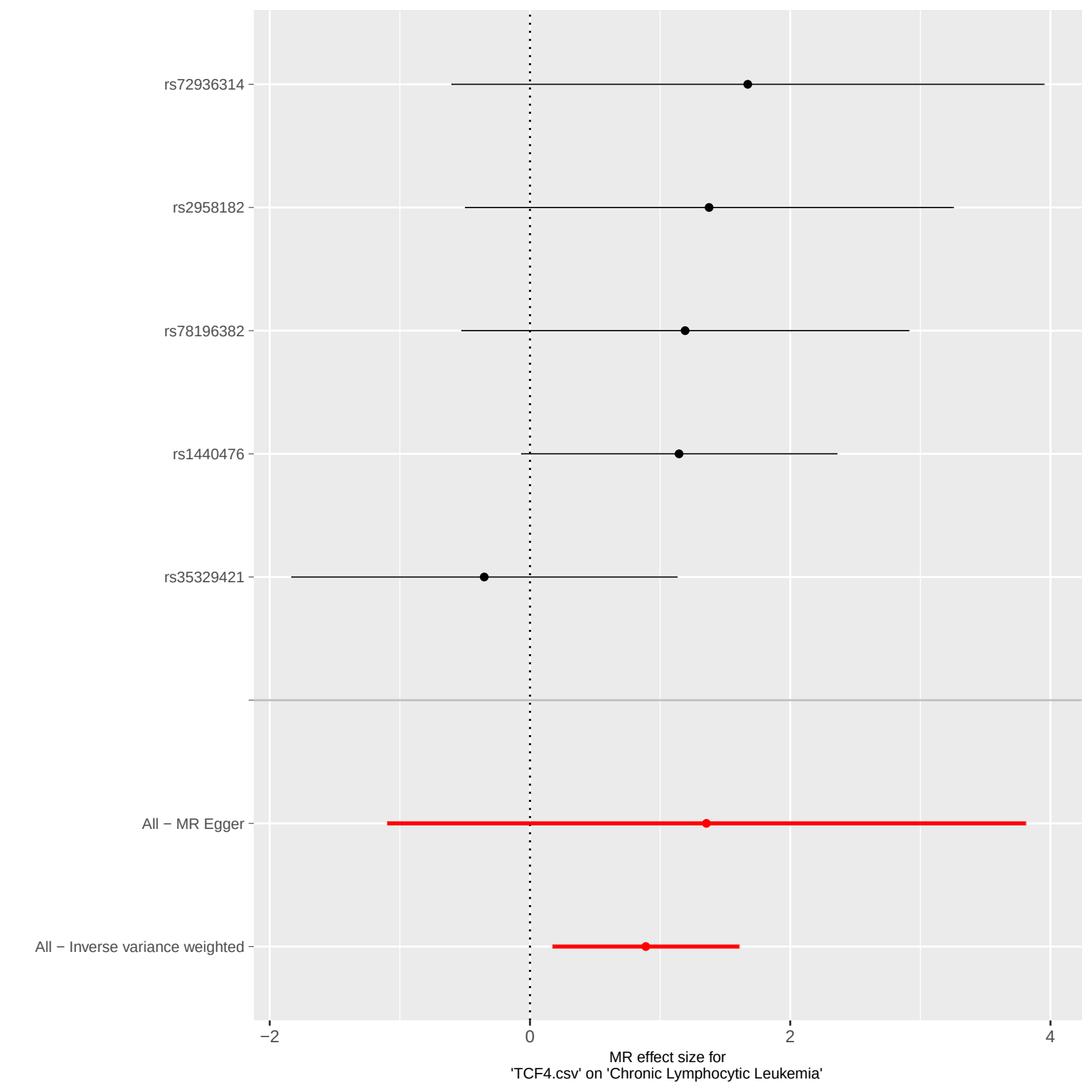
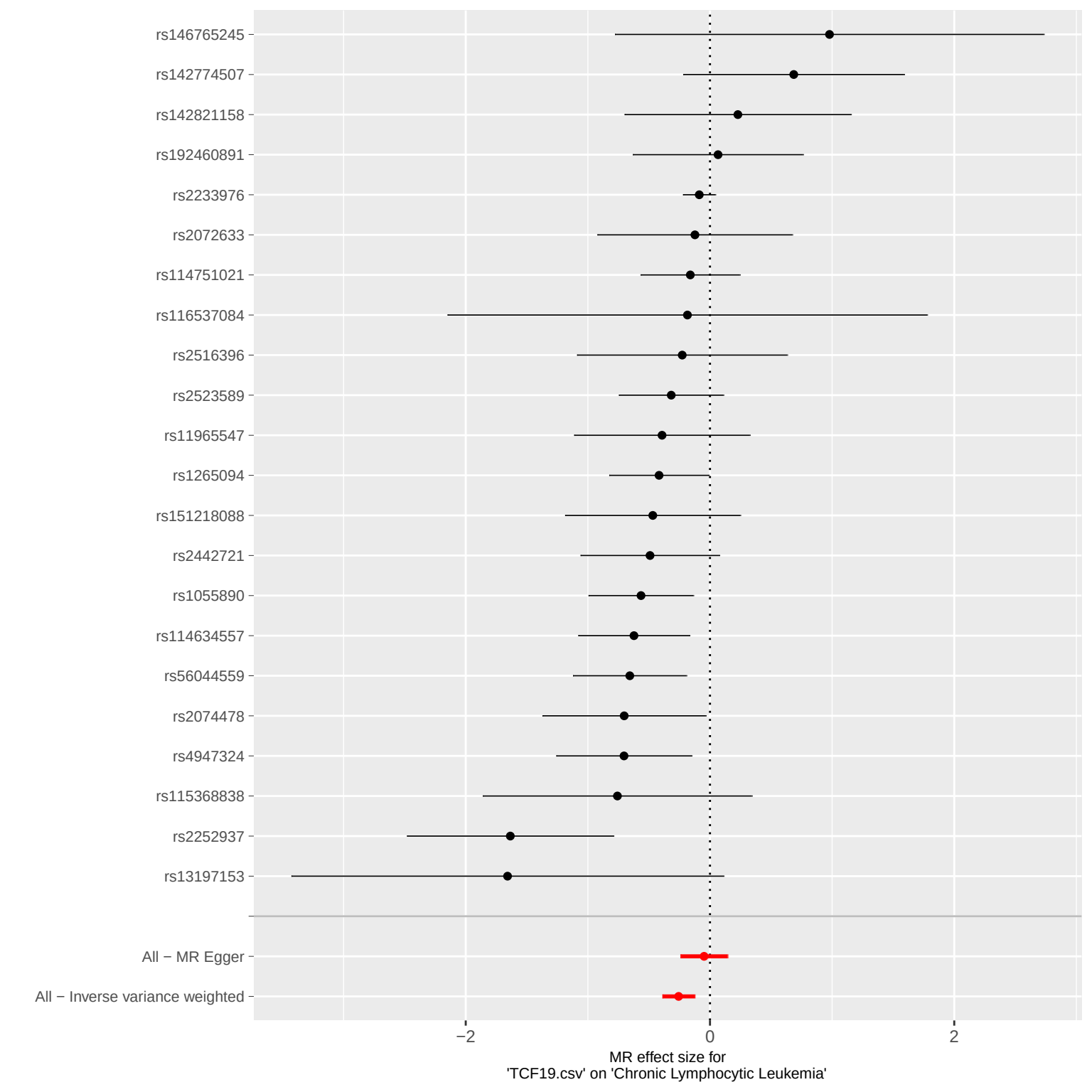
rs41268127
rs190085468
rs147933114
rs2864095
rs550850
rs186047476
rs2813875
rs6700245
rs77410397
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'TCEB3.csv' on 'Chronic Lymphocytic Leukemia'


rs72936314
rs2958182
rs78196382
rs1440476
rs35329421
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TCF4.csv' on 'Chronic Lymphocytic Leukemia'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rs1055890
rs114634557
rs56044559
rs2074478
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rs115368838
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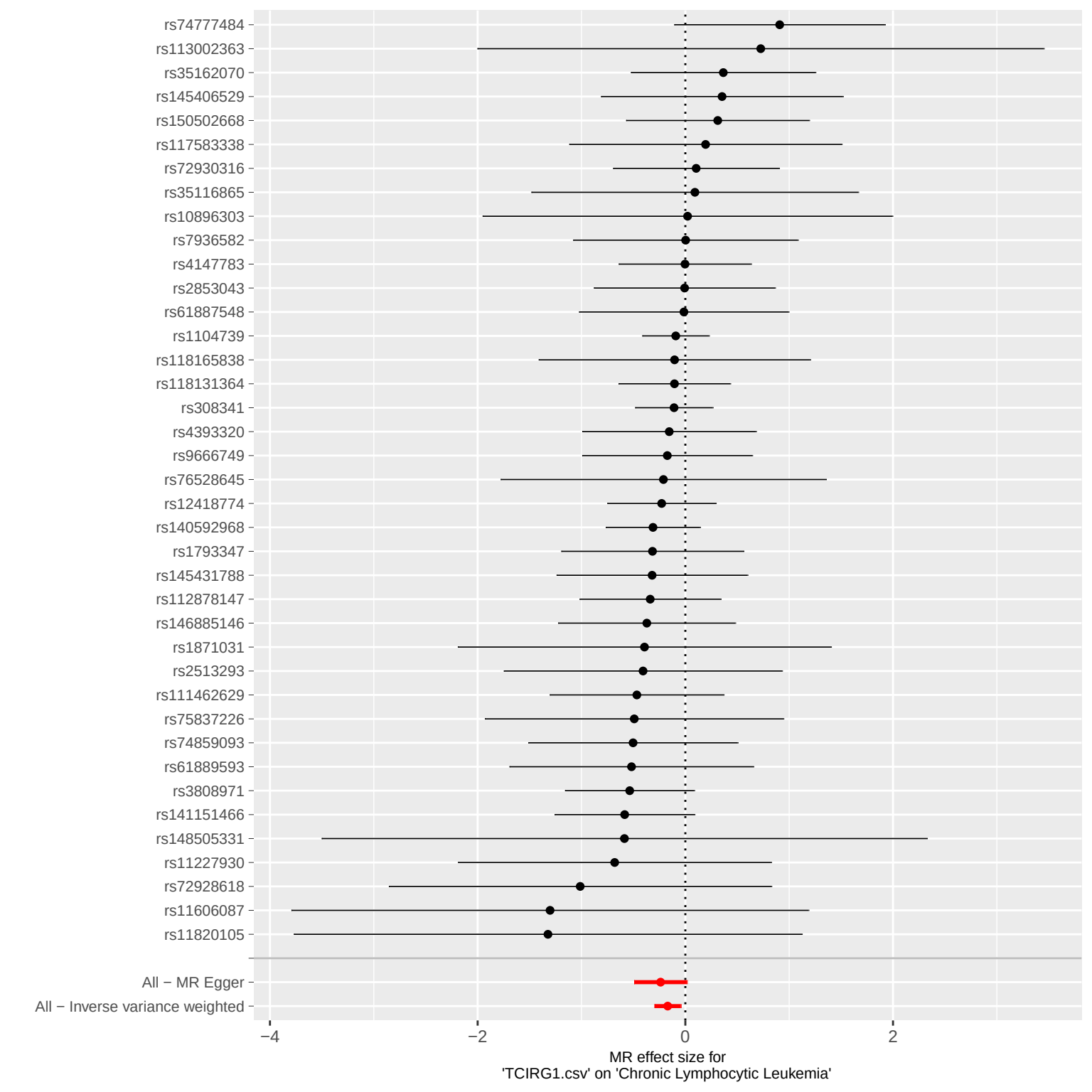
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TCF19.csv' on 'Chronic Lymphocytic Leukemia'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rs2853043
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rs1104739
rs118165838
rs118131364
rs308341
rs4393320
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rs76528645
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rs11227930
rs72928618
rs11606087
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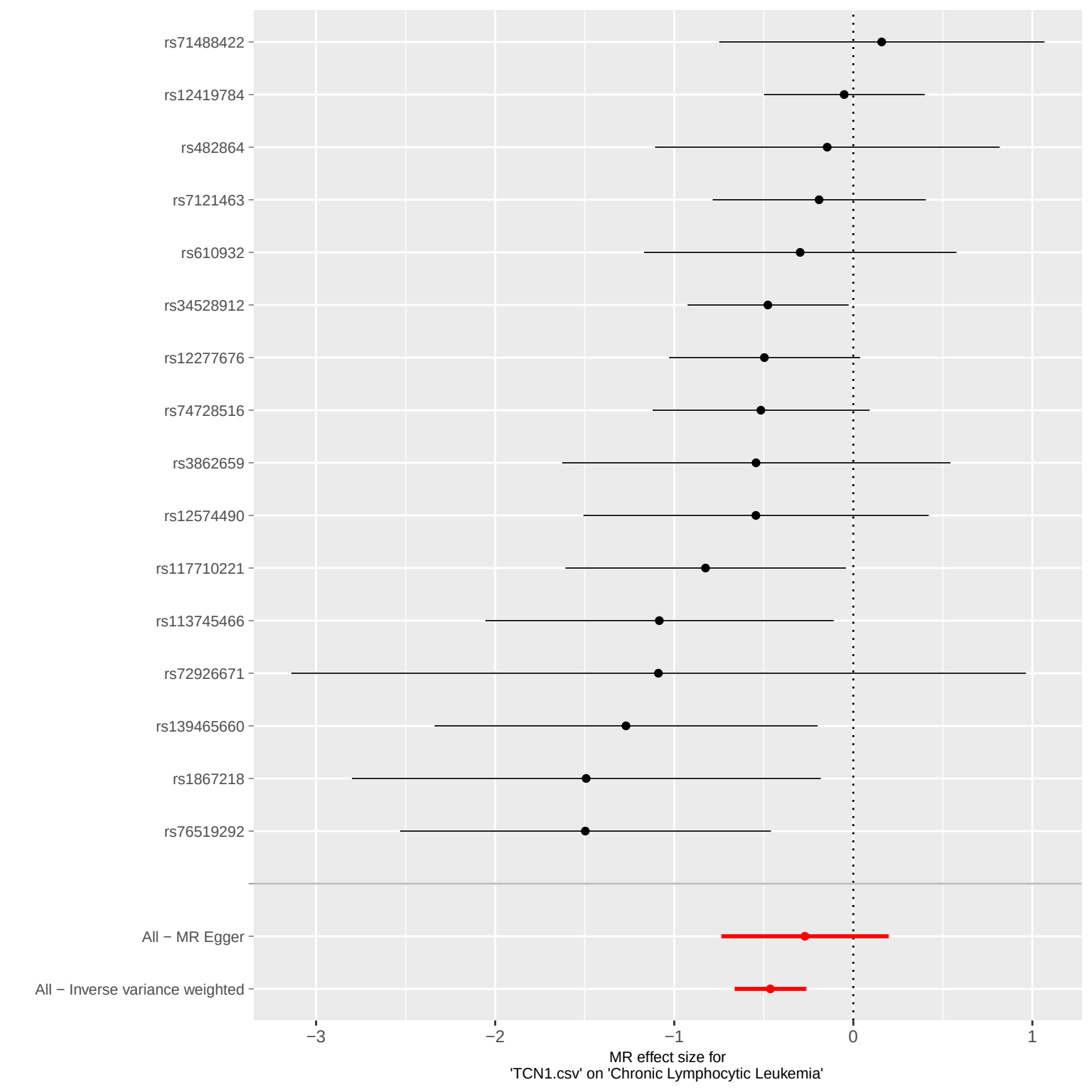
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TCIRG1.csv' on 'Chronic Lymphocytic Leukemia'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rs72926671
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rs76519292
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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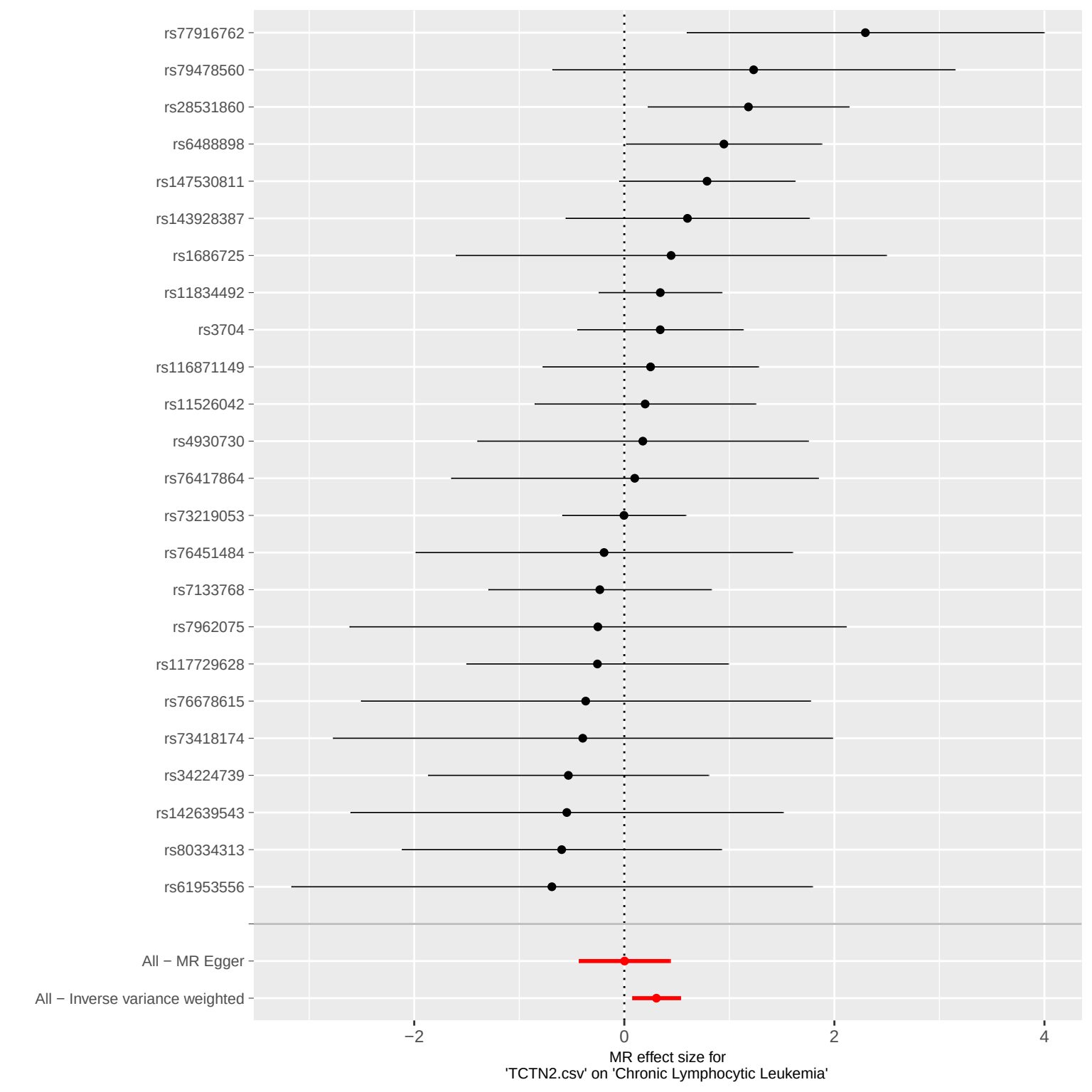
MR effect size for
'TCN1.csv' on 'Chronic Lymphocytic Leukemia'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rs117729628
rs76678615
rs73418174
rs34224739
rs142639543
rs80334313
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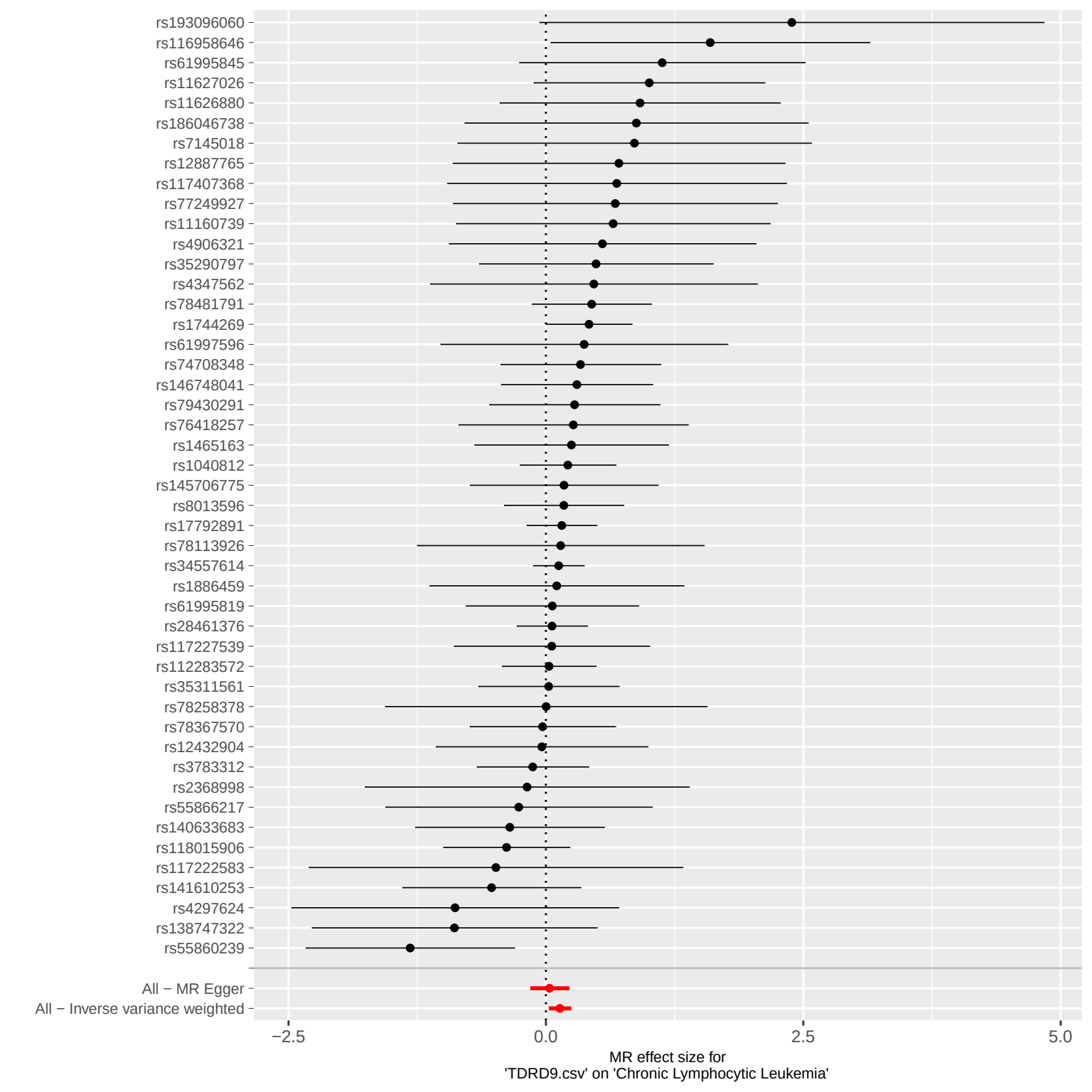
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TCTN2.csv' on 'Chronic Lymphocytic Leukemia'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rs2368998
rs55866217
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rs117222583
rs141610253
rs4297624
rs138747322
rs55860239
All − MR Egger
All − Inverse variance weighted
−2.5
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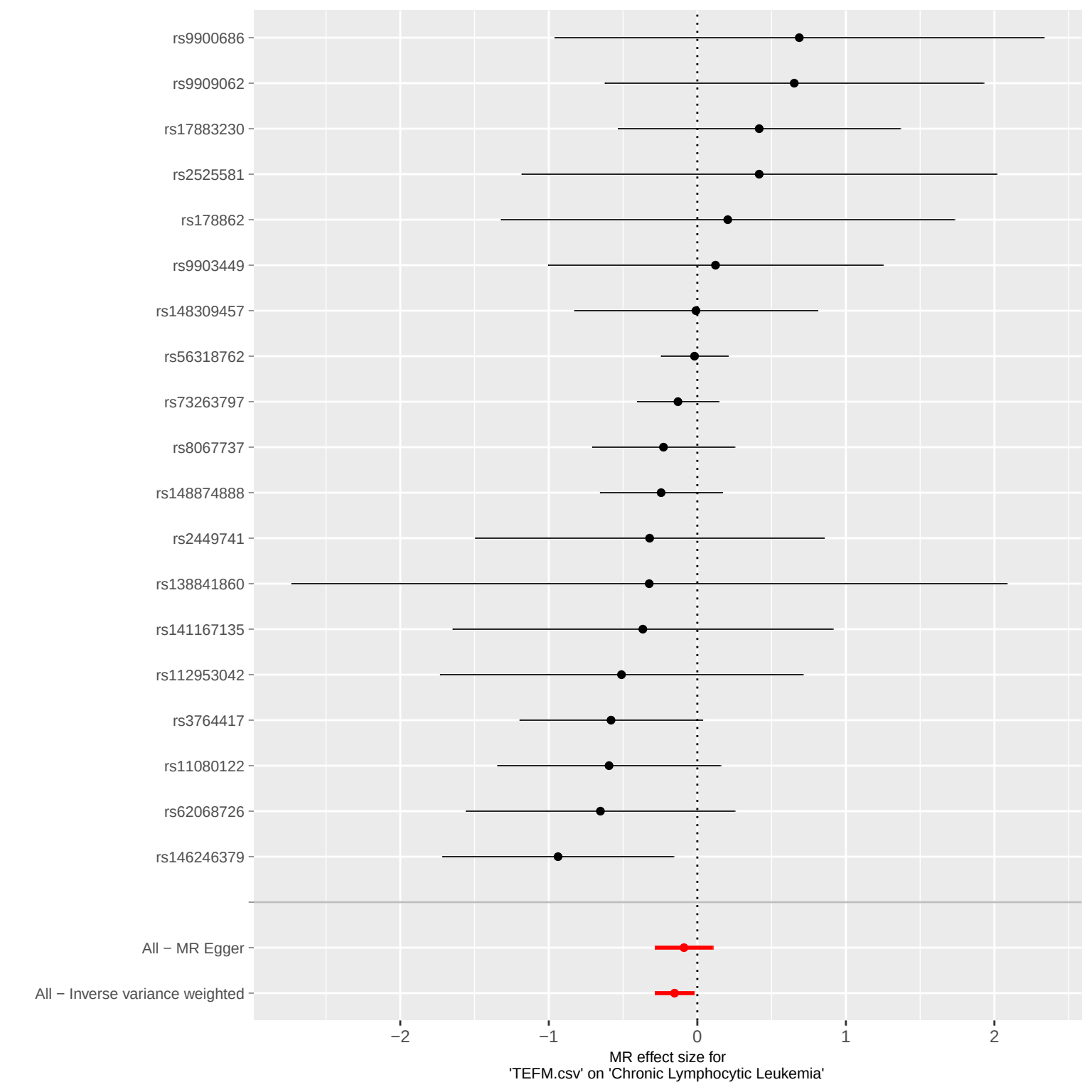
2.5
5.0
MR effect size for
'TDRD9.csv' on 'Chronic Lymphocytic Leukemia'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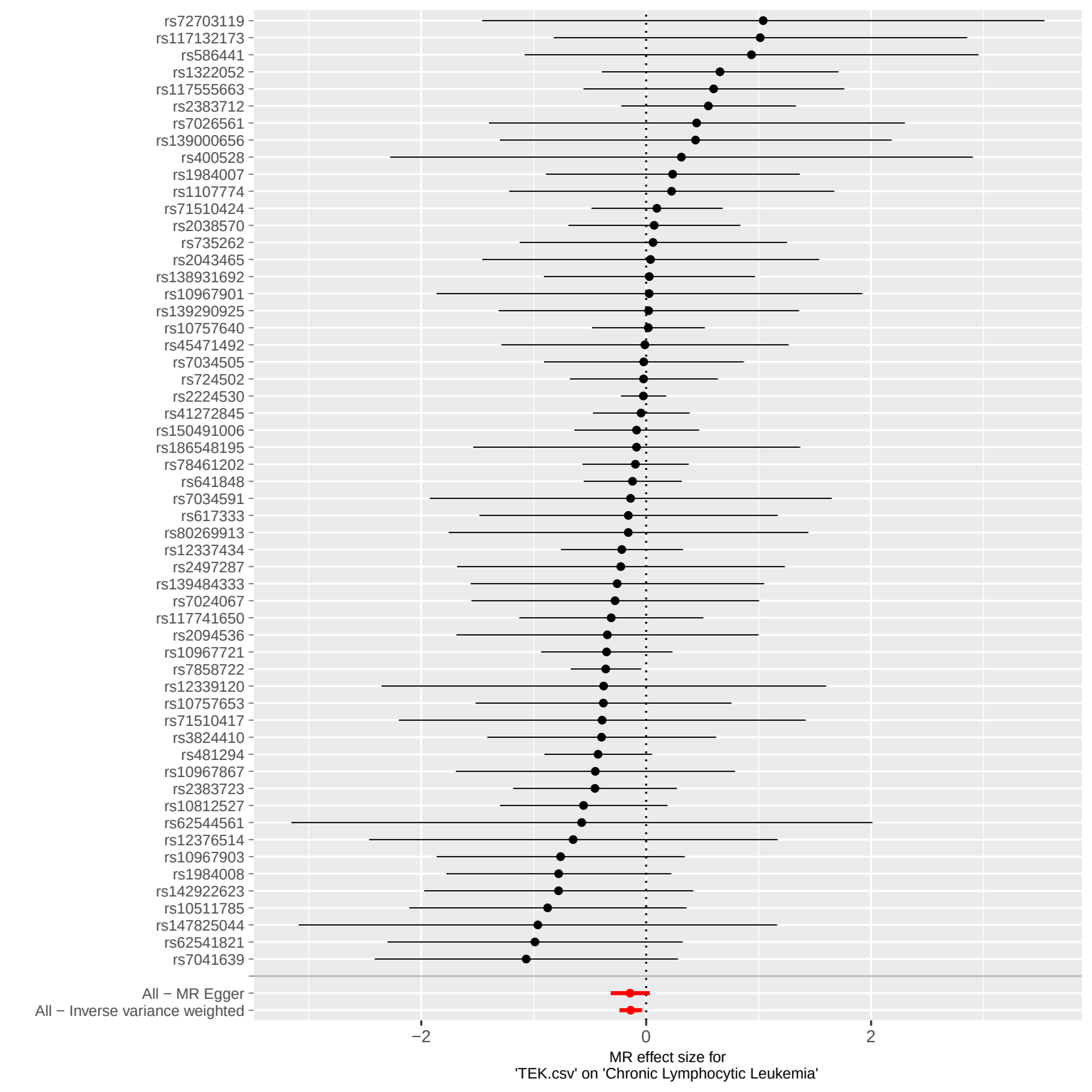
rs8067737
rs148874888
rs2449741
rs138841860
rs141167135
rs112953042
rs3764417
rs11080122
rs62068726
rs146246379
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'TEFM.csv' on 'Chronic Lymphocytic Leukemia'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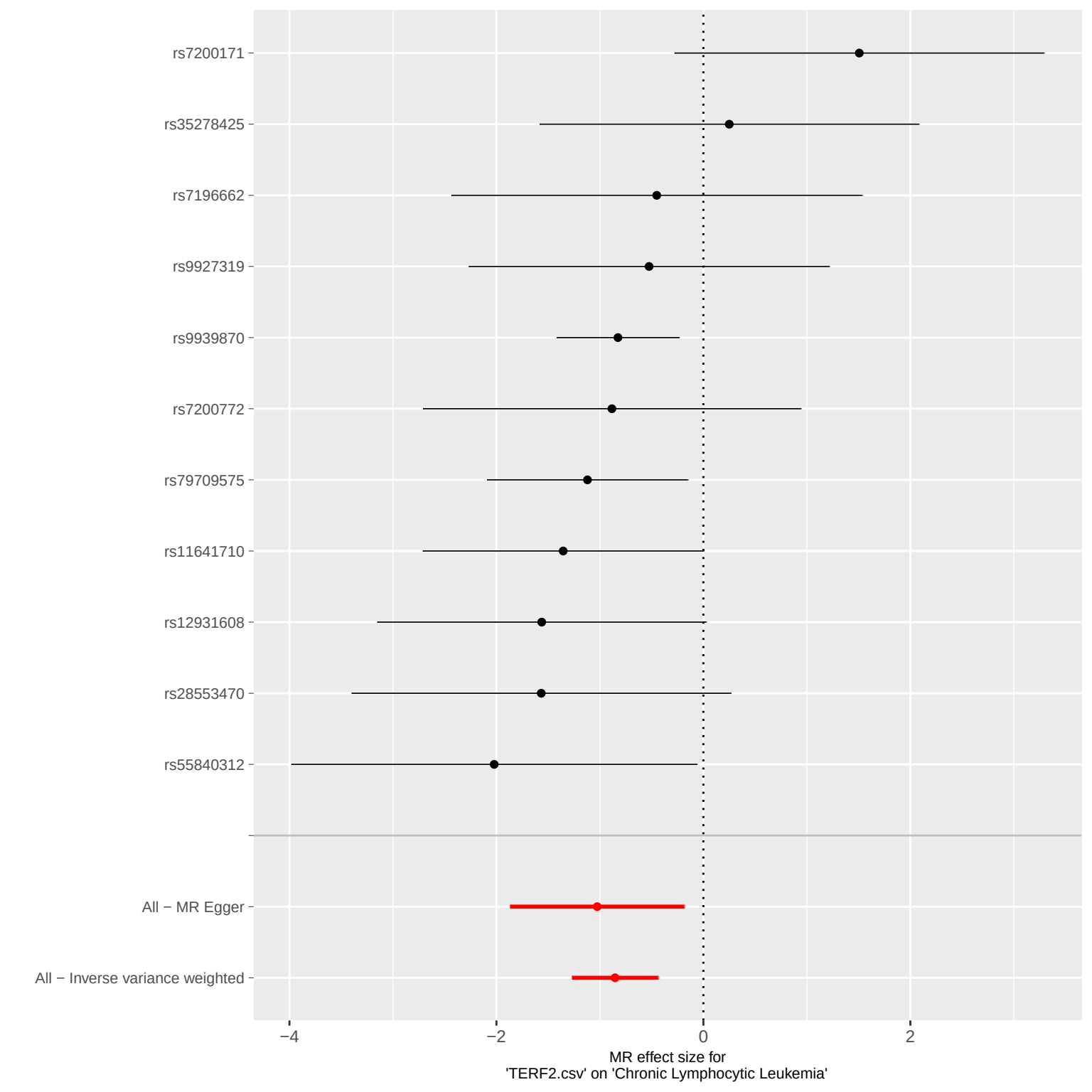
rs10967903
rs1984008
rs142922623
rs10511785
rs147825044
rs62541821
rs7041639
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TEK.csv' on 'Chronic Lymphocytic Leukemia'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rs11641710
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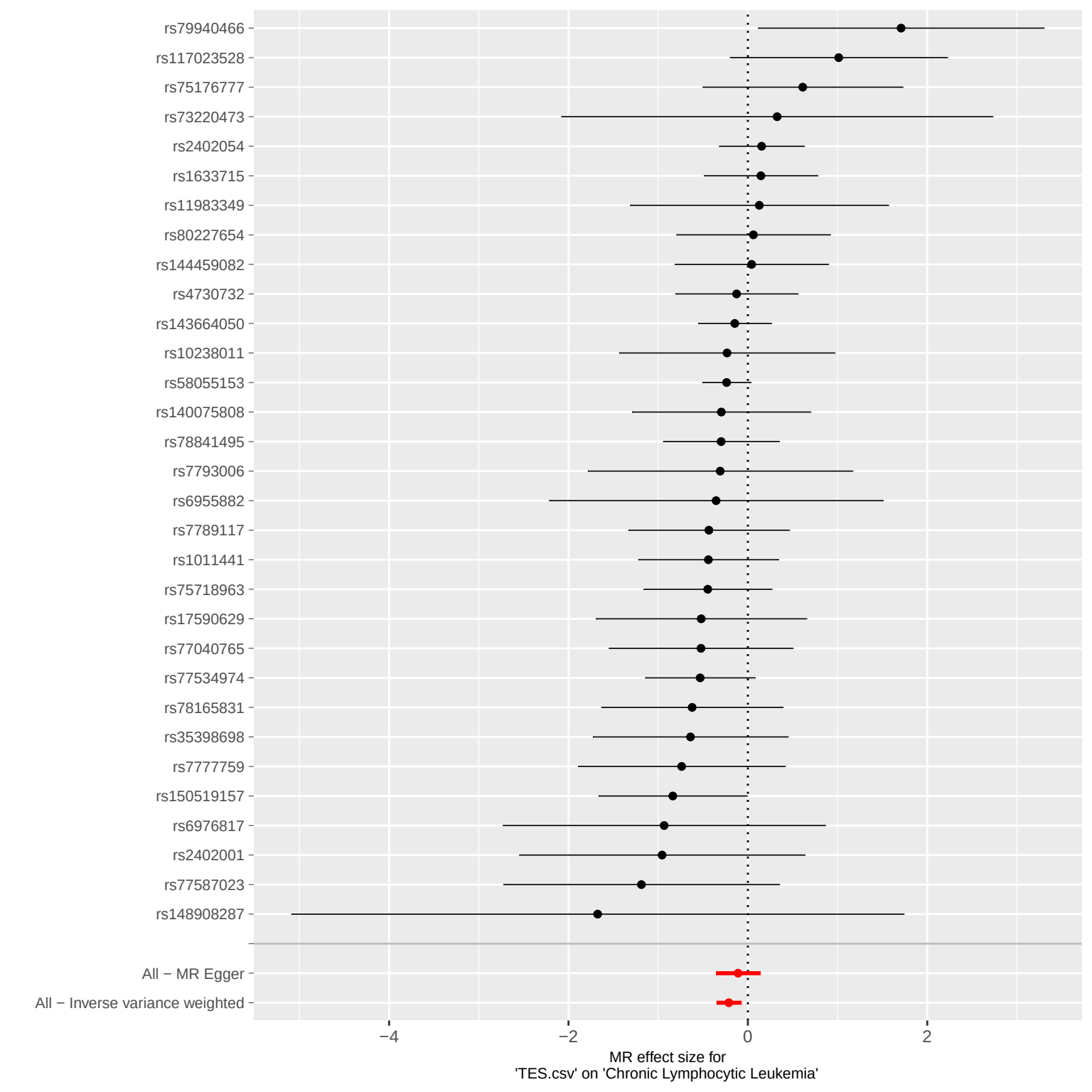
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TERF2.csv' on 'Chronic Lymphocytic Leukemia'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rs10238011
rs58055153
rs140075808
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rs7793006
rs6955882
rs7789117
rs1011441
rs75718963
rs17590629
rs77040765
rs77534974
rs78165831
rs35398698
rs7777759
rs150519157
rs6976817
rs2402001
rs77587023
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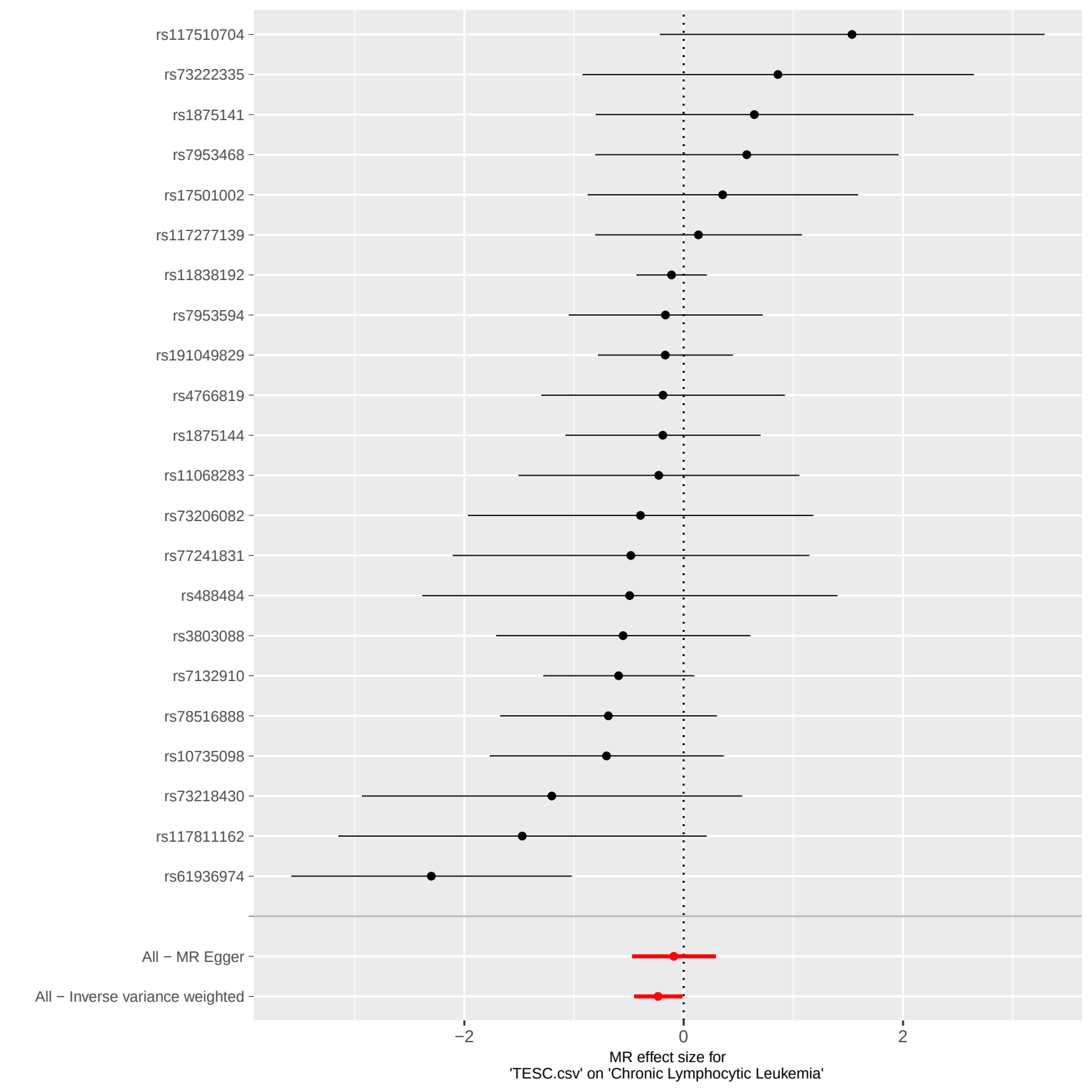
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TES.csv' on 'Chronic Lymphocytic Leukemia'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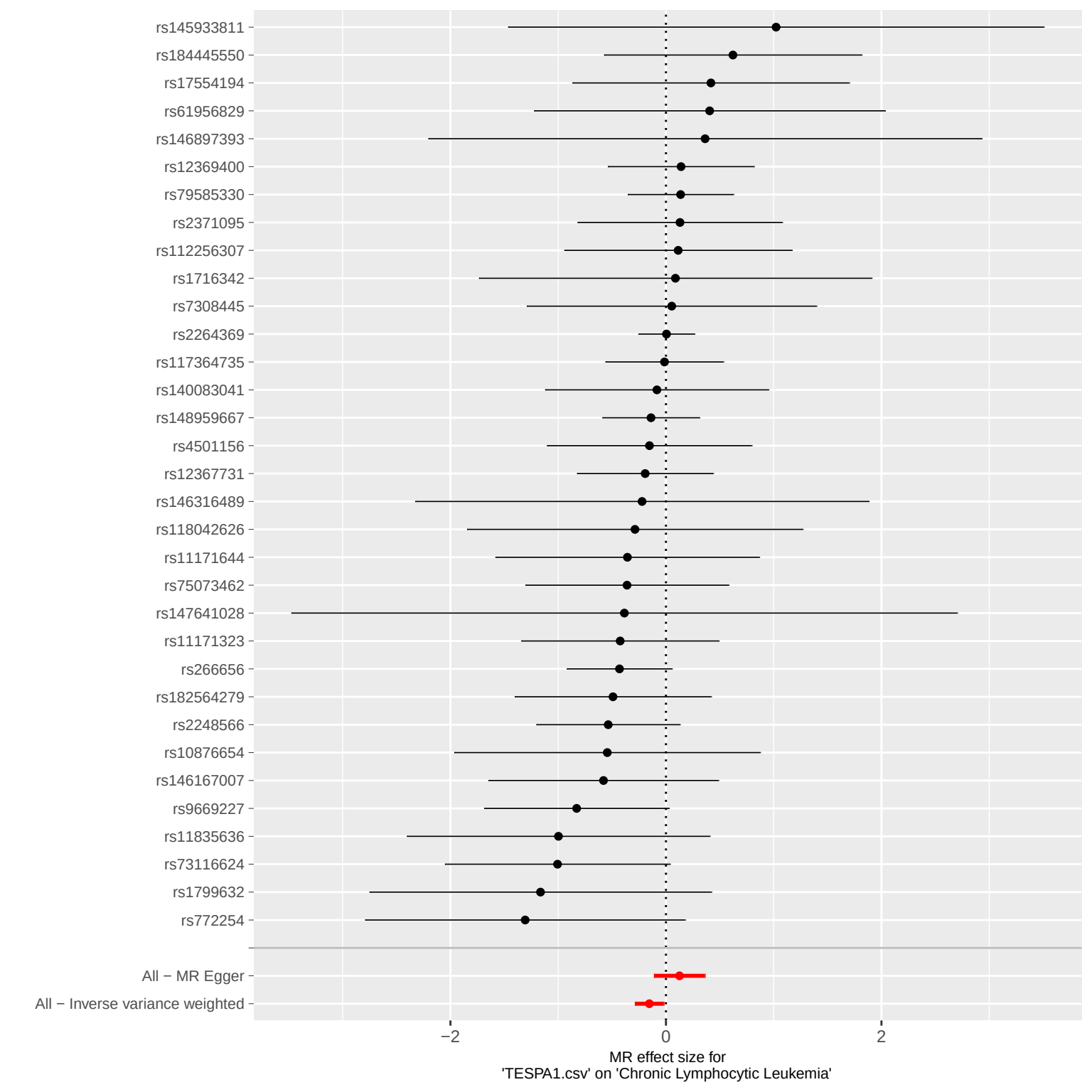
rs1875144
rs11068283
rs73206082
rs77241831
rs488484
rs3803088
rs7132910
rs78516888
rs10735098
rs73218430
rs117811162
rs61936974
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TESC.csv' on 'Chronic Lymphocytic Leukemia'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rs11171644
rs75073462
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rs266656
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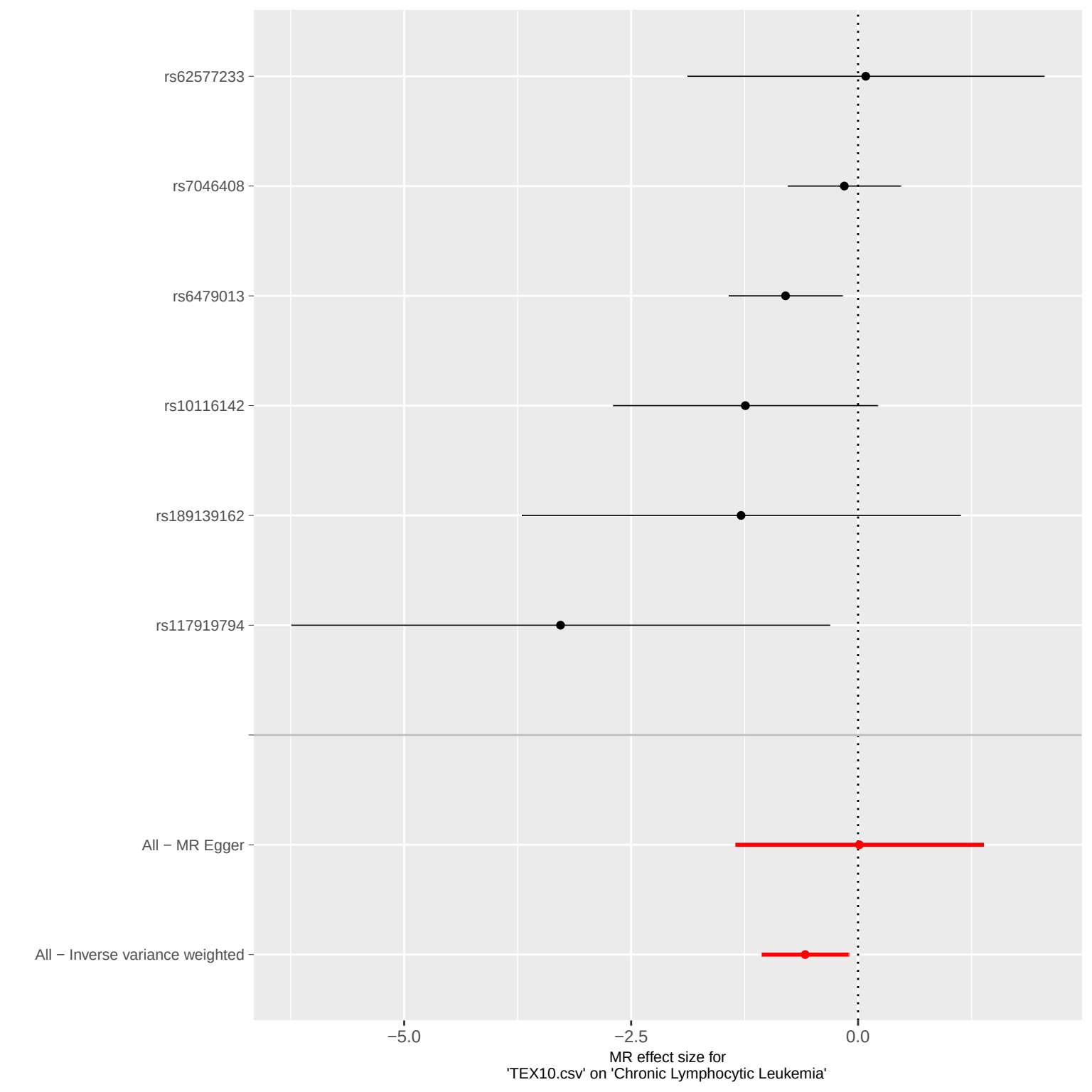
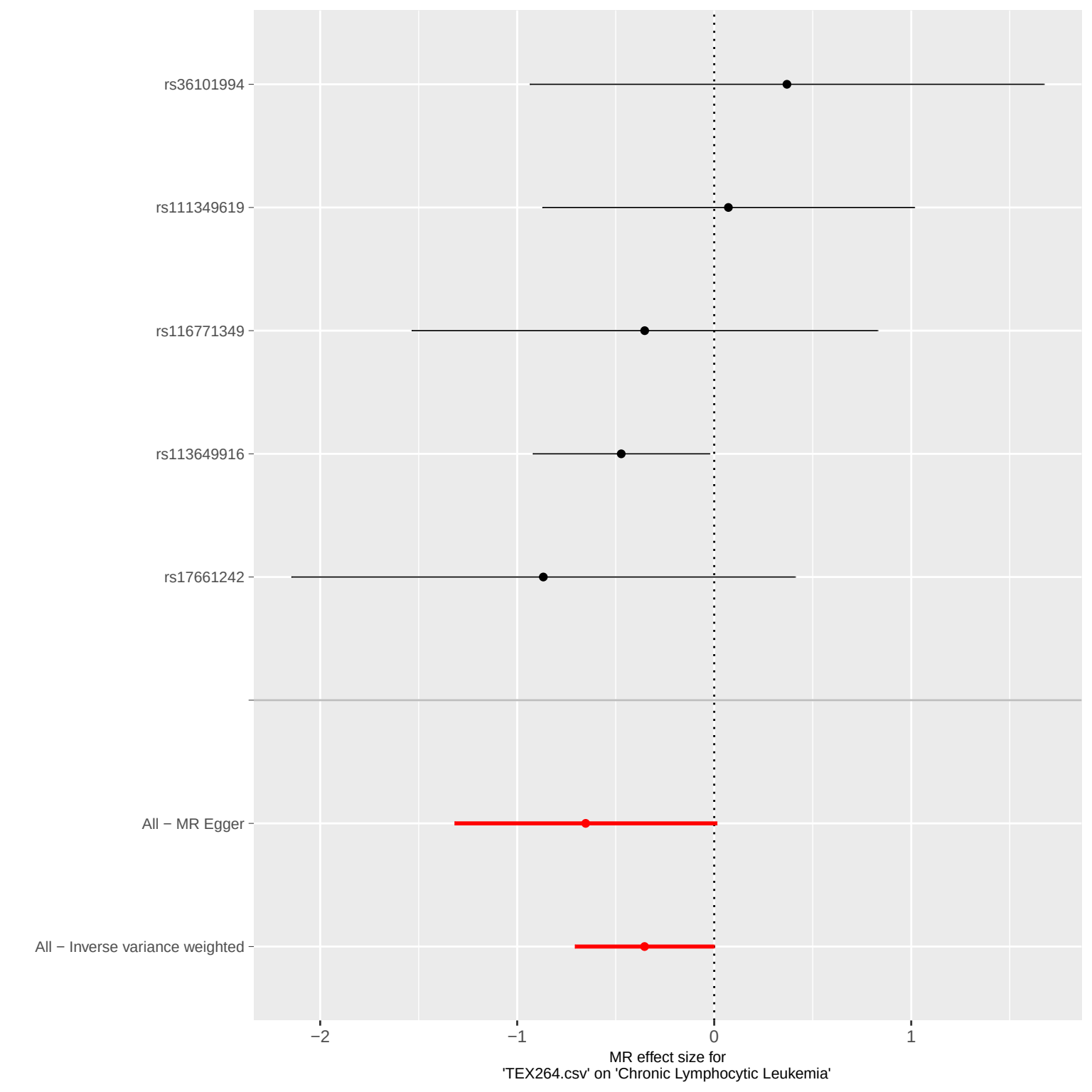
rs2248566
rs10876654
rs146167007
rs9669227
rs11835636
rs73116624
rs1799632
rs772254
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TESPA1.csv' on 'Chronic Lymphocytic Leukemia'


rs62577233
rs7046408
rs6479013
rs10116142
rs189139162
rs117919794
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'TEX10.csv' on 'Chronic Lymphocytic Leukemia'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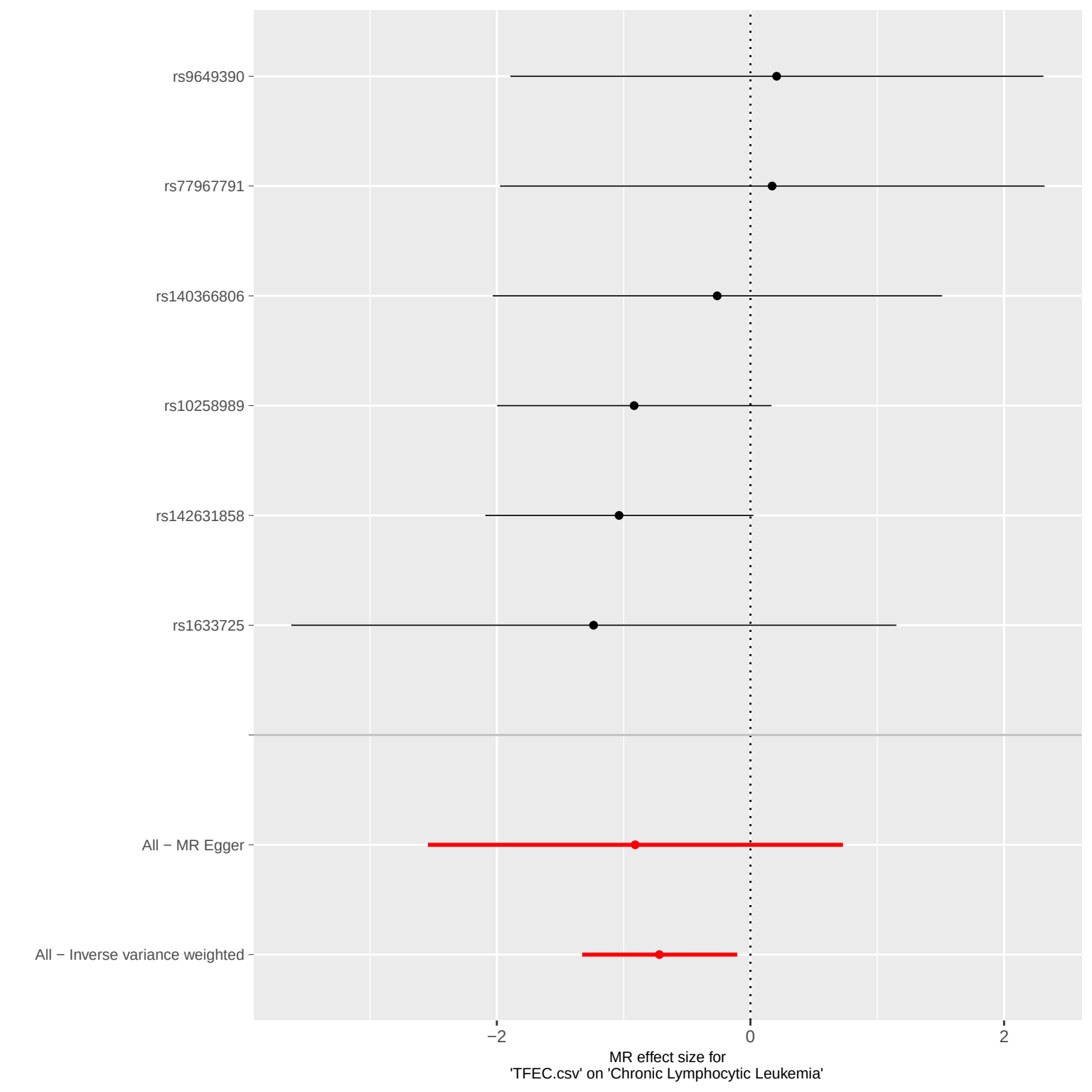
rs111349619
rs116771349
rs113649916
rs17661242
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'TEX264.csv' on 'Chronic Lymphocytic Leukemia'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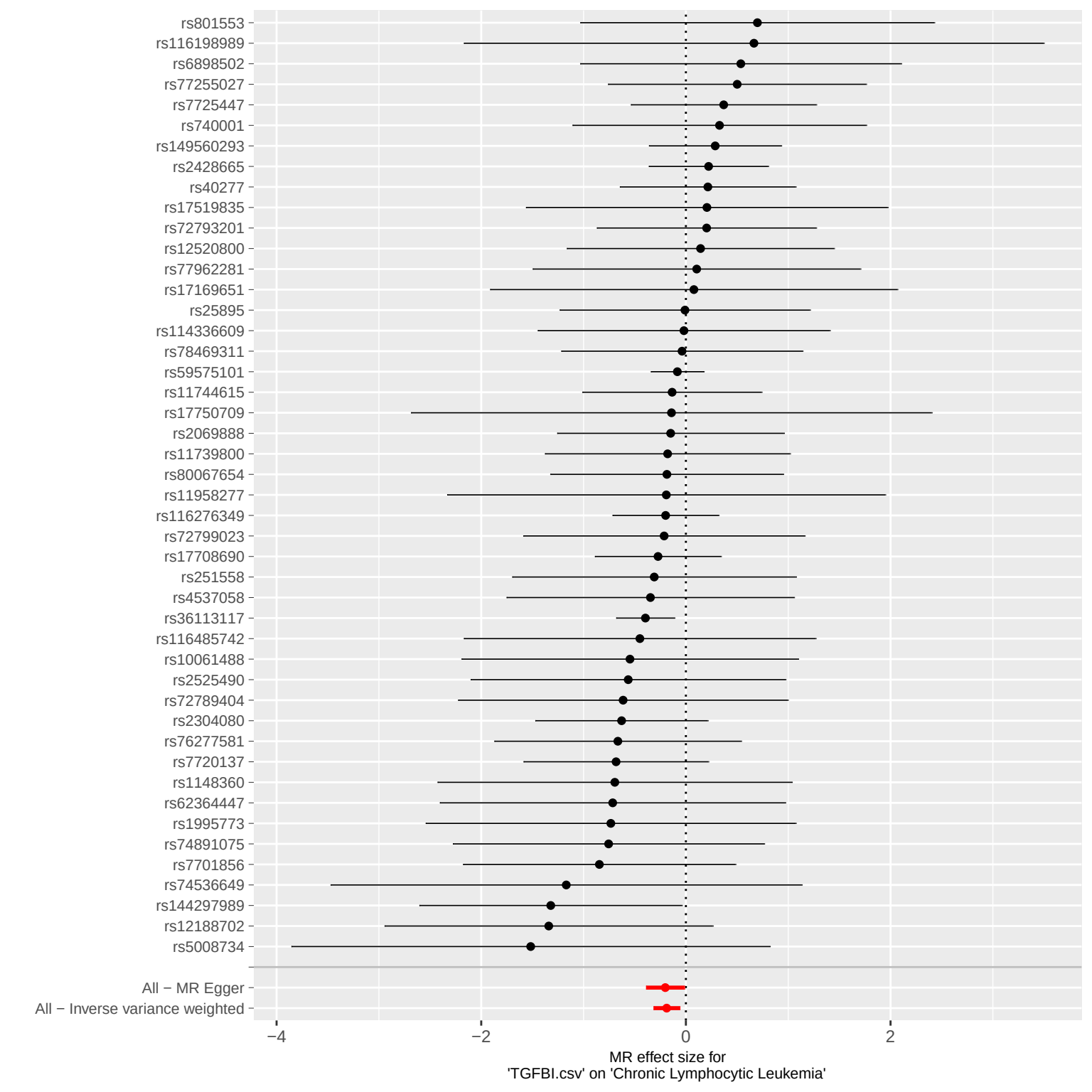
rs140366806
rs10258989
rs142631858
rs1633725
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TFEC.csv' on 'Chronic Lymphocytic Leukemia'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rs2304080
rs76277581
rs7720137
rs1148360
rs62364447
rs1995773
rs74891075
rs7701856
rs74536649
rs144297989
rs12188702
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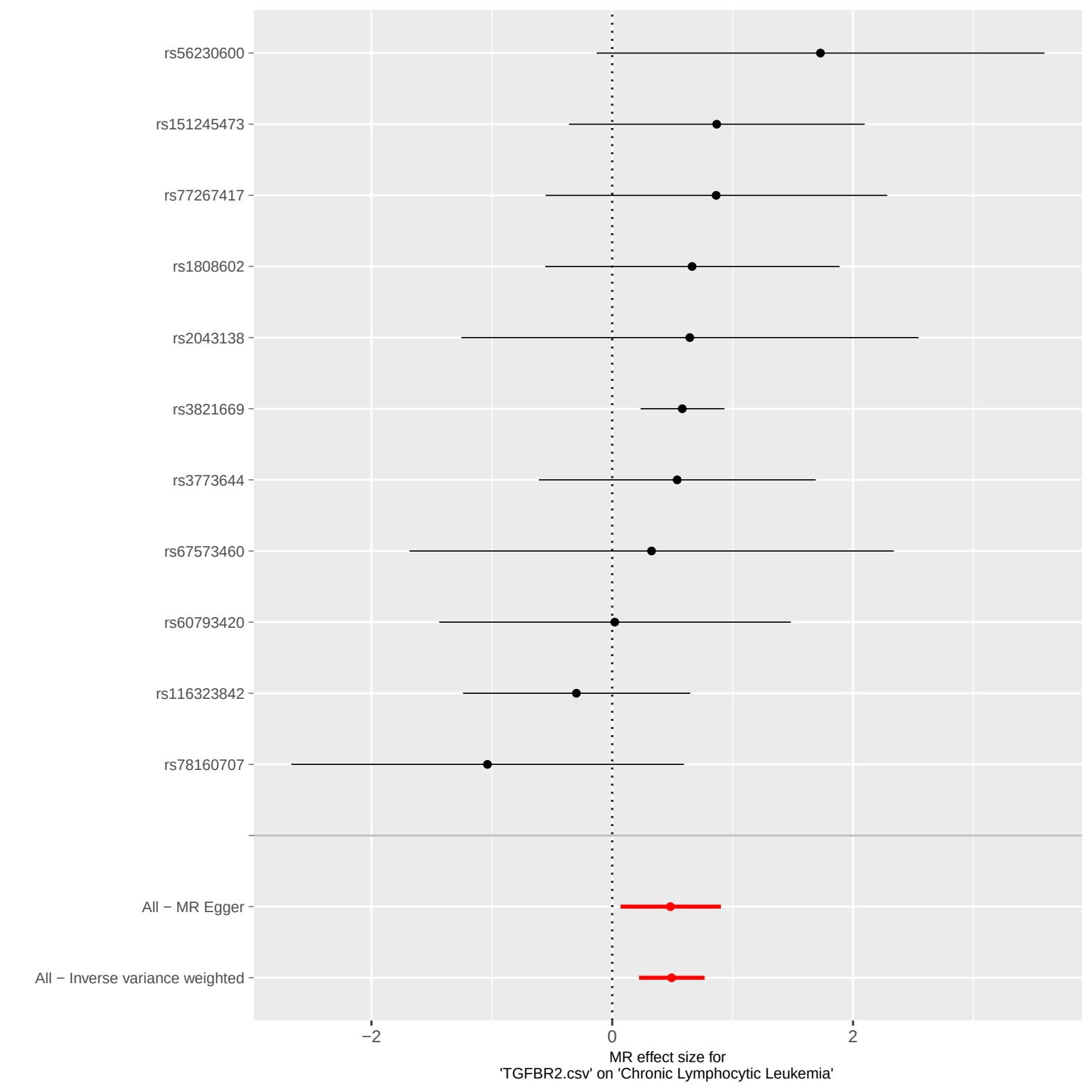
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TGFBI.csv' on 'Chronic Lymphocytic Leukemia'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rs3773644
rs67573460
rs60793420
rs116323842
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All − MR Egger
All − Inverse variance weighted
−2
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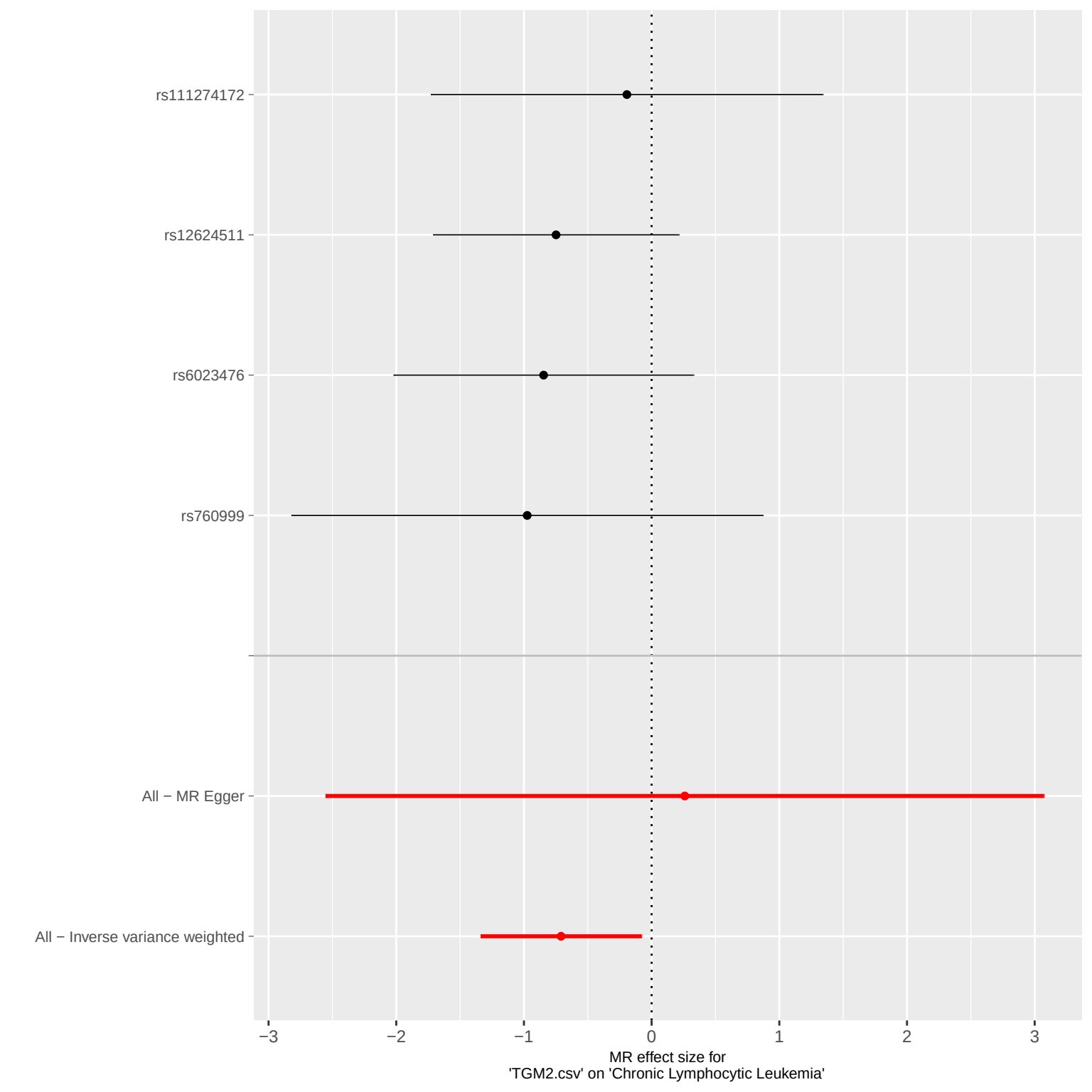
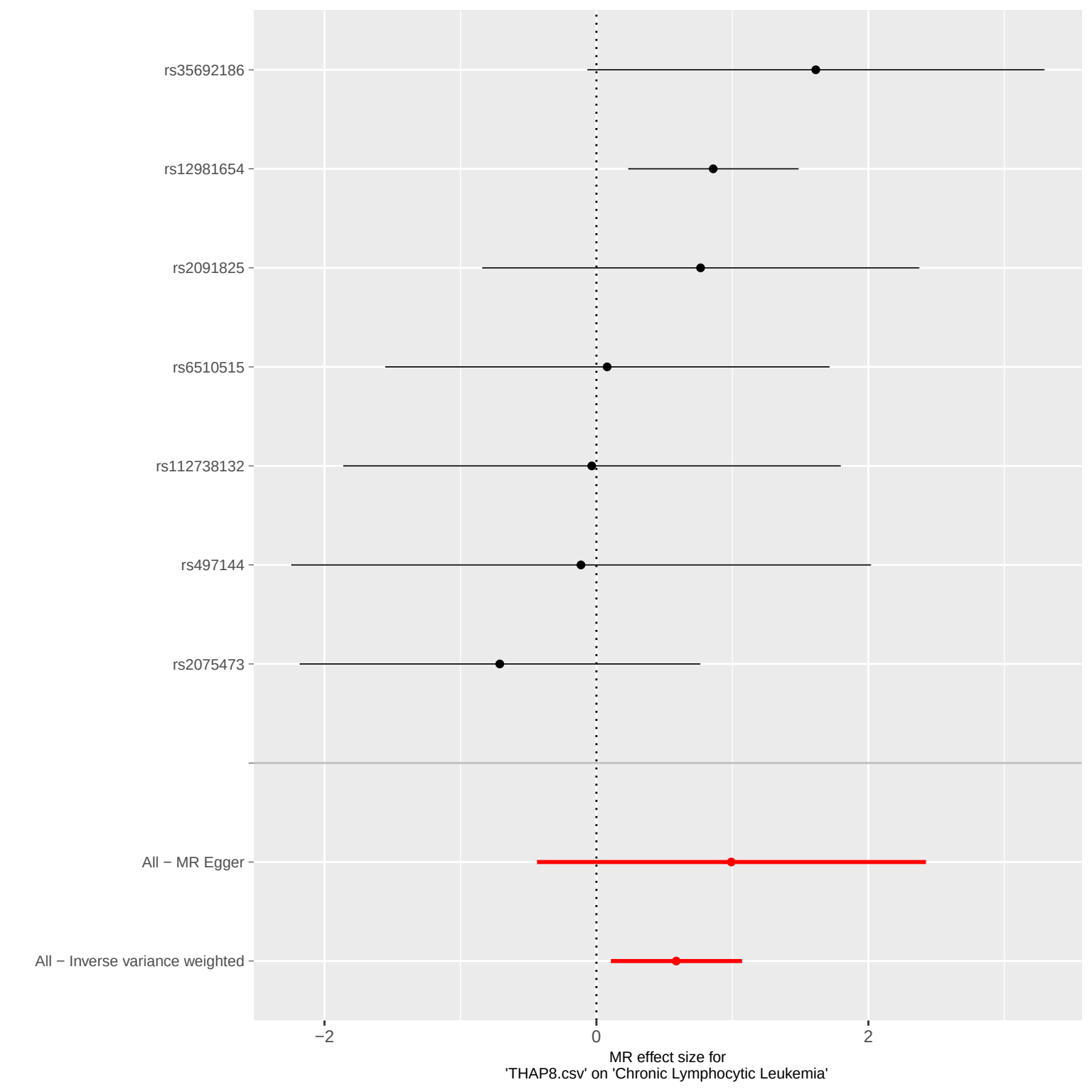
2
MR effect size for
'TGFBR2.csv' on 'Chronic Lymphocytic Leukemia'


rs111274172
rs12624511
rs6023476
rs760999
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'TGM2.csv' on 'Chronic Lymphocytic Leukemia'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rs112738132
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All − MR Egger
All − Inverse variance weighted
−2
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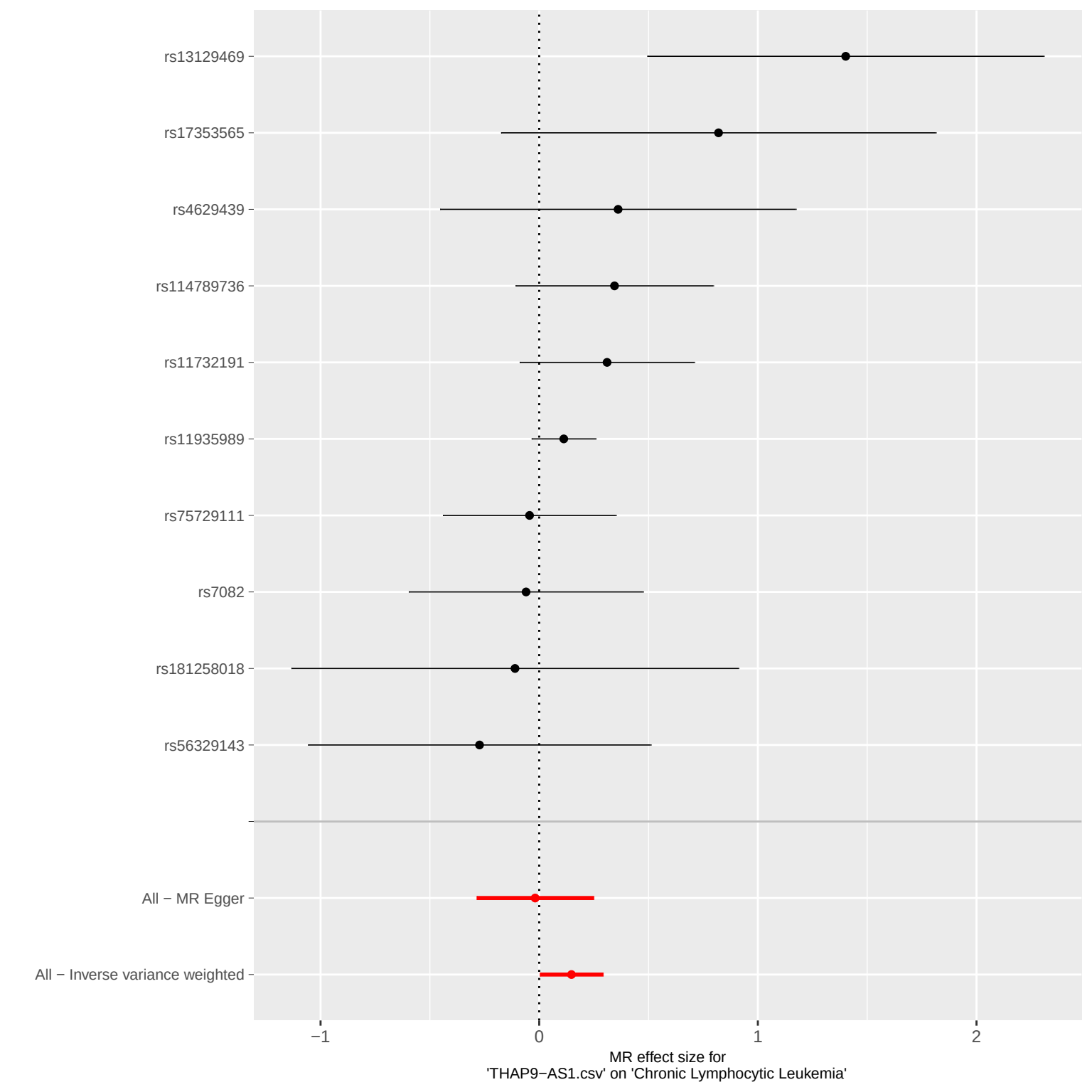
2
MR effect size for
'THAP8.csv' on 'Chronic Lymphocytic Leukemia'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rs11935989
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rs7082
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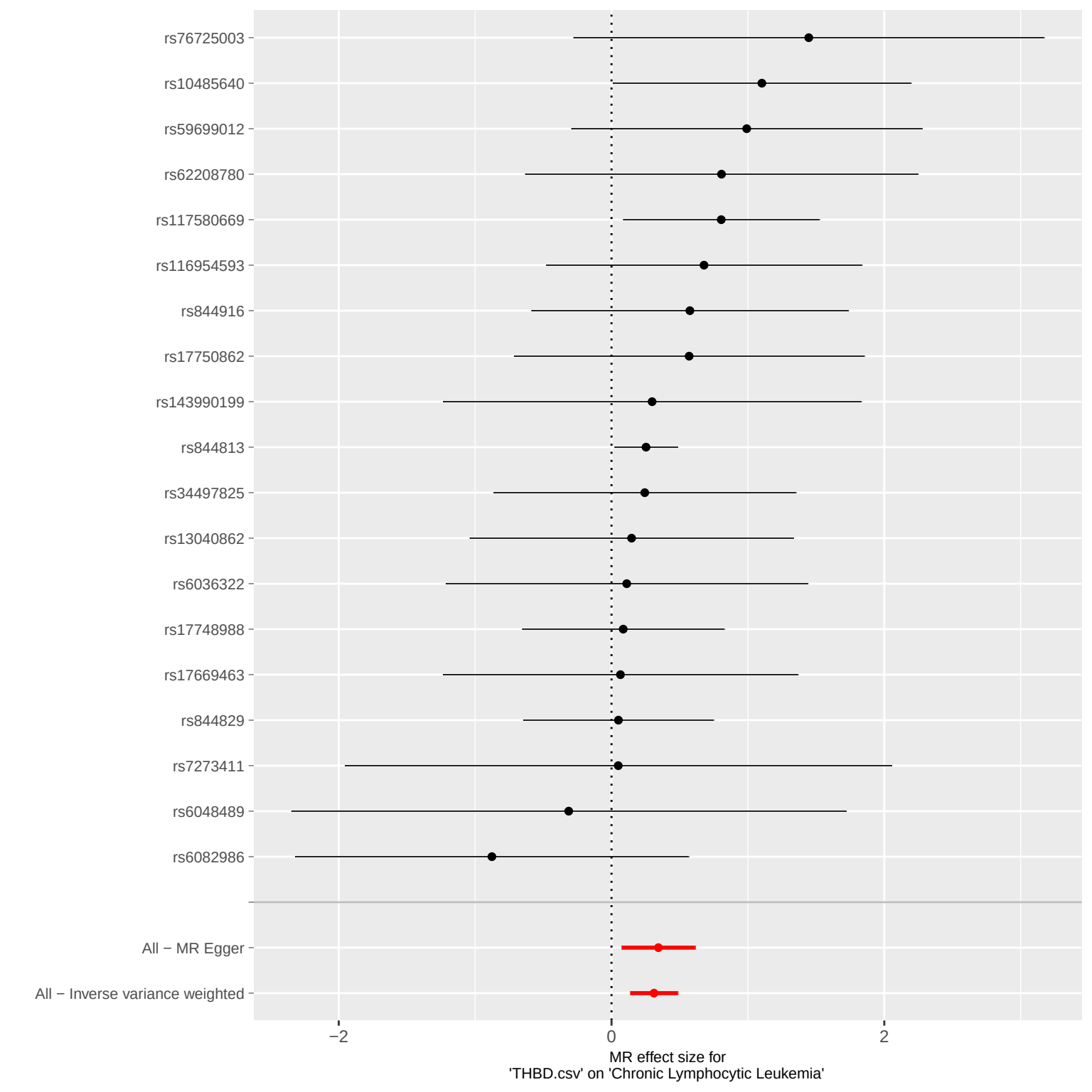
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'THAP9−AS1.csv' on 'Chronic Lymphocytic Leukemia'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rs13040862
rs6036322
rs17748988
rs17669463
rs844829
rs7273411
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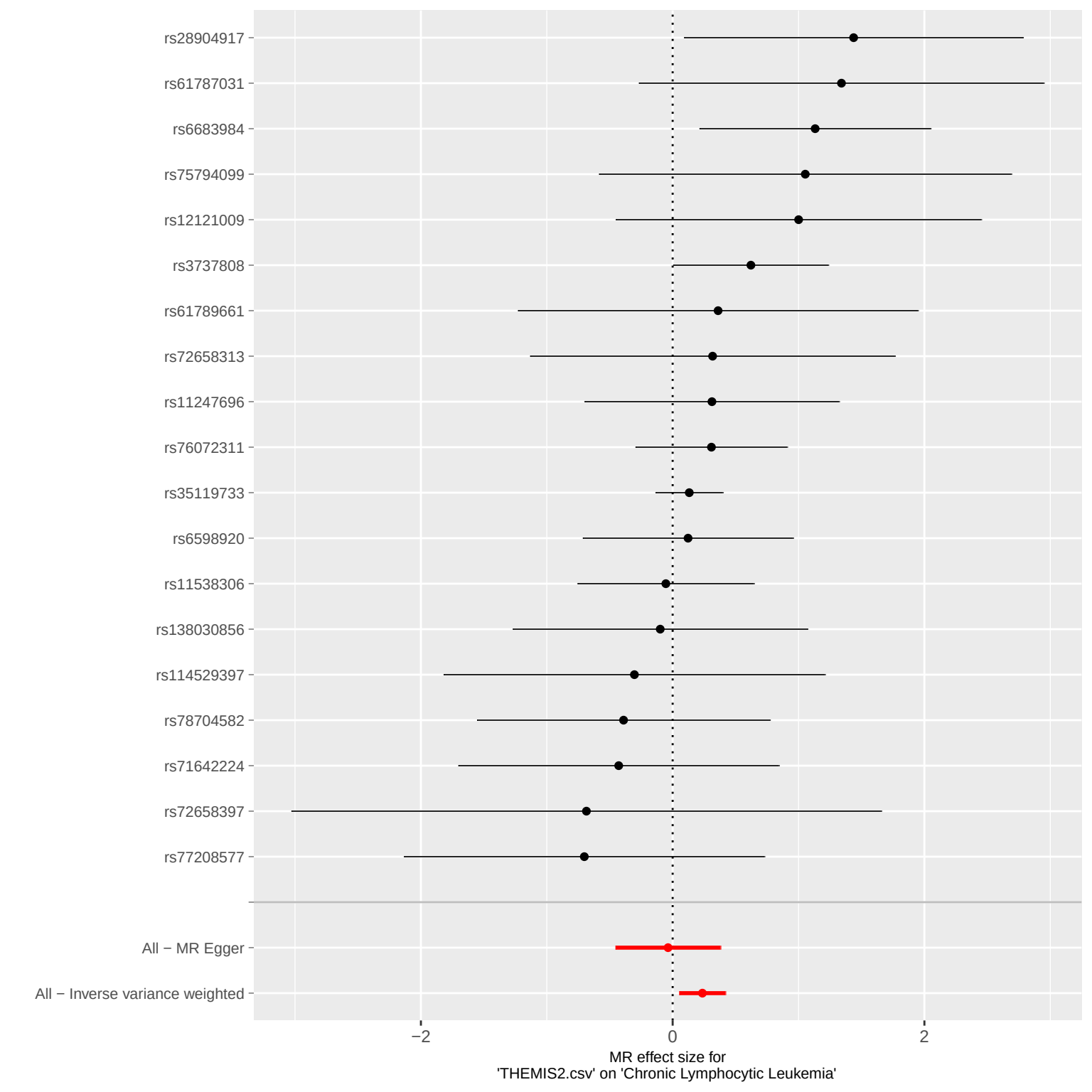
rs6082986
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'THBD.csv' on 'Chronic Lymphocytic Leukemia'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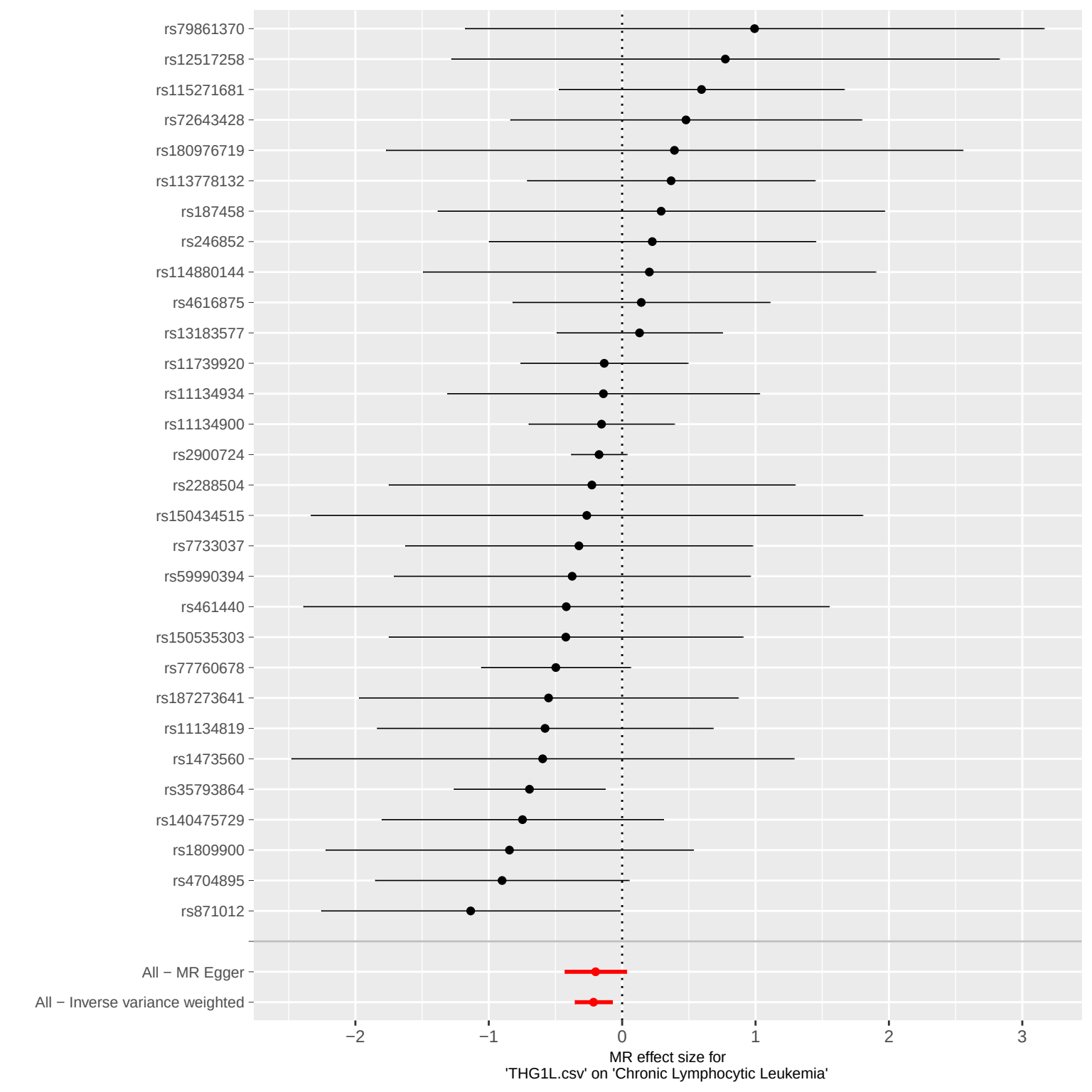
rs35119733
rs6598920
rs11538306
rs138030856
rs114529397
rs78704582
rs71642224
rs72658397
rs77208577
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'THEMIS2.csv' on 'Chronic Lymphocytic Leukemia'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rs11739920
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rs2900724
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rs461440
rs150535303
rs77760678
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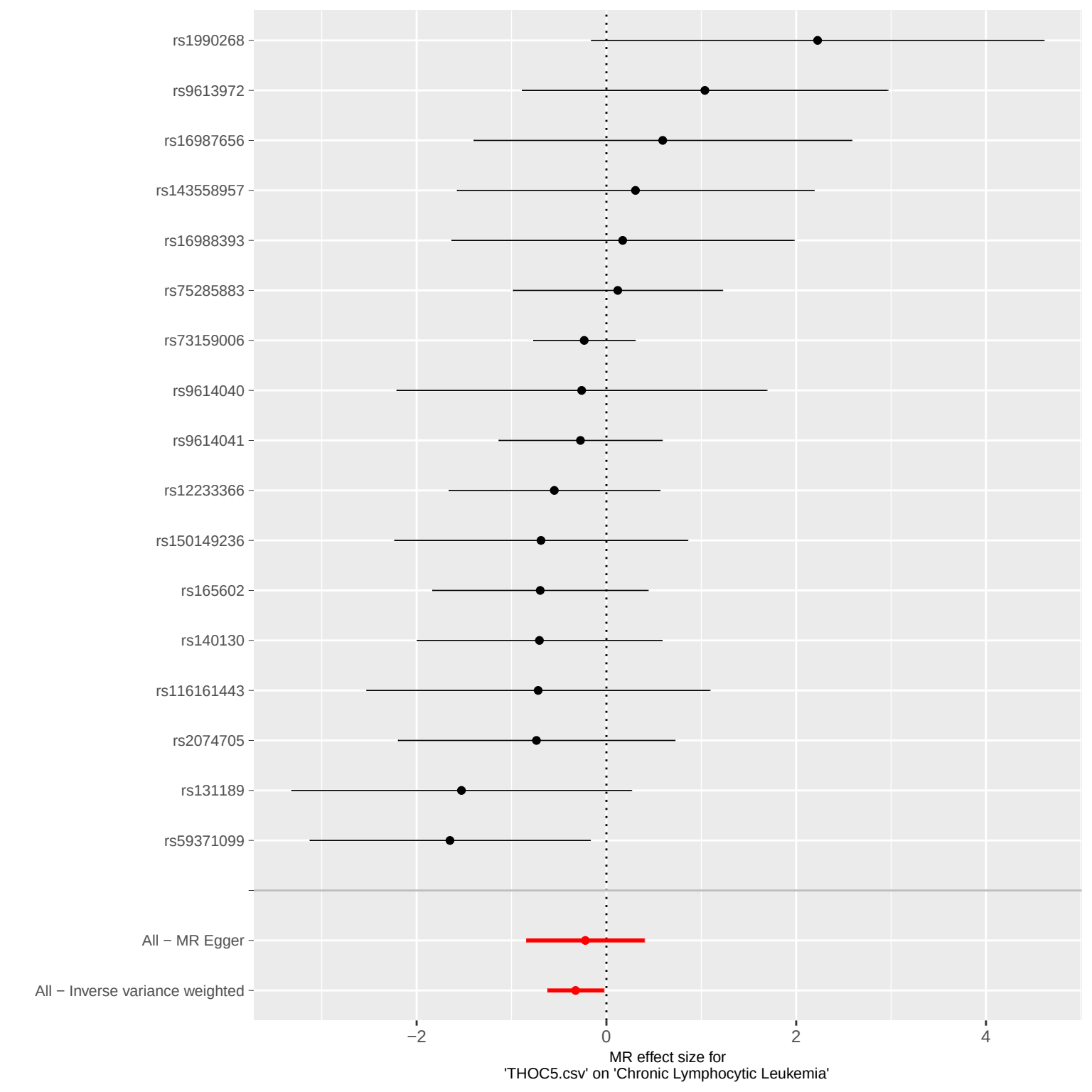
rs11134819
rs1473560
rs35793864
rs140475729
rs1809900
rs4704895
rs871012
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'THG1L.csv' on 'Chronic Lymphocytic Leukemia'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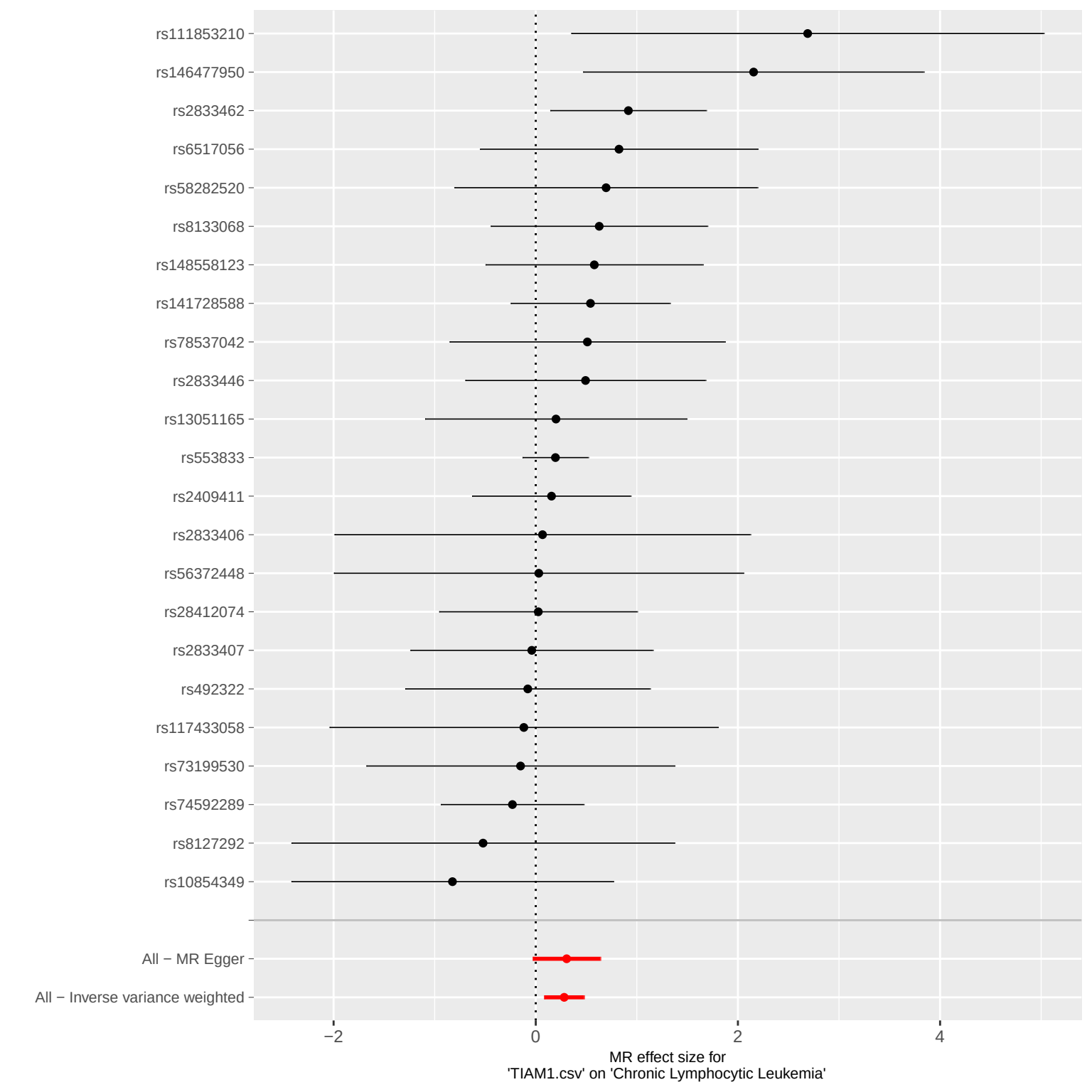
rs165602
rs140130
rs116161443
rs2074705
rs131189
rs59371099
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'THOC5.csv' on 'Chronic Lymphocytic Leukemia'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rs2409411
rs2833406
rs56372448
rs28412074
rs2833407
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rs117433058
rs73199530
rs74592289
rs8127292
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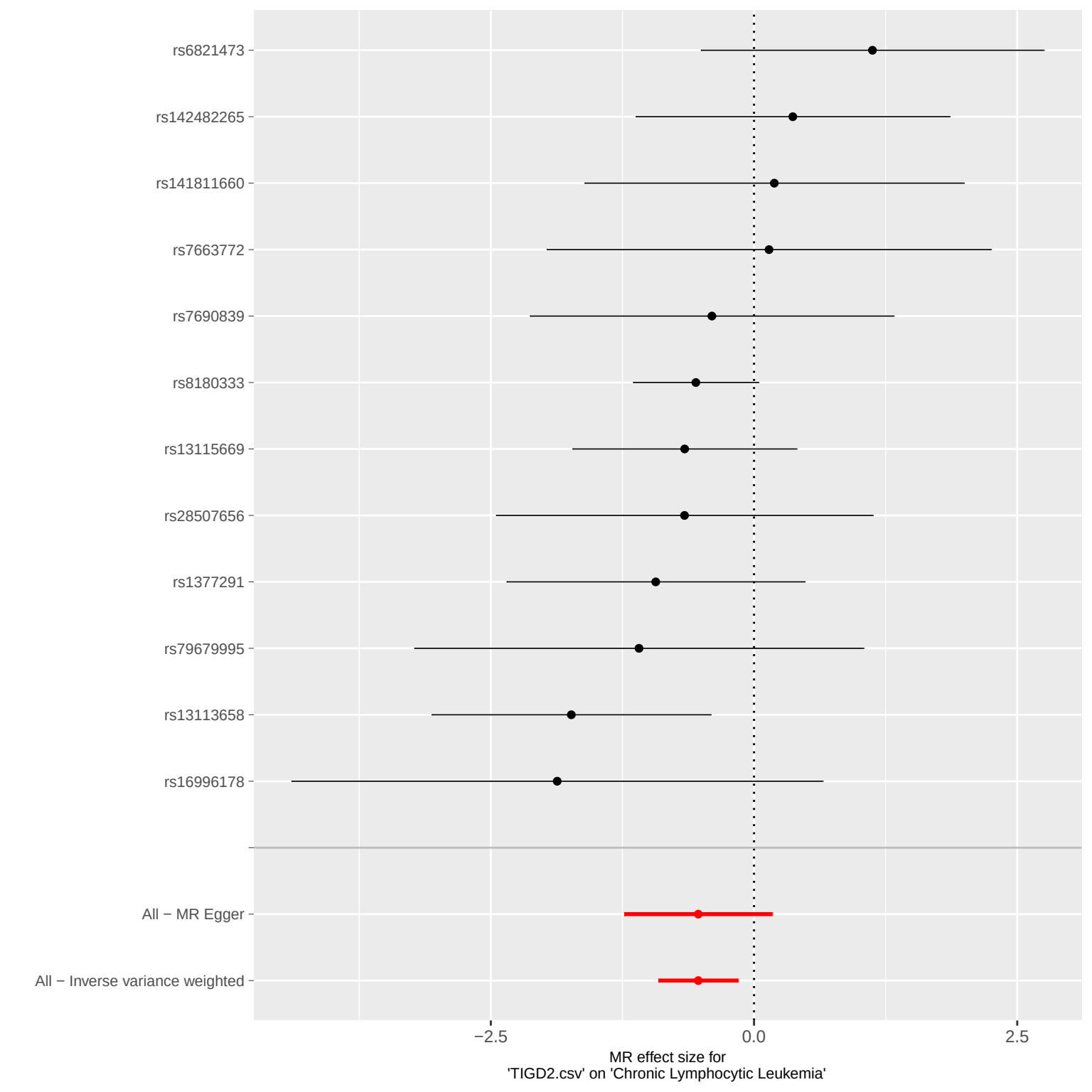
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TIAM1.csv' on 'Chronic Lymphocytic Leukemia'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rs28507656
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rs79679995
rs13113658
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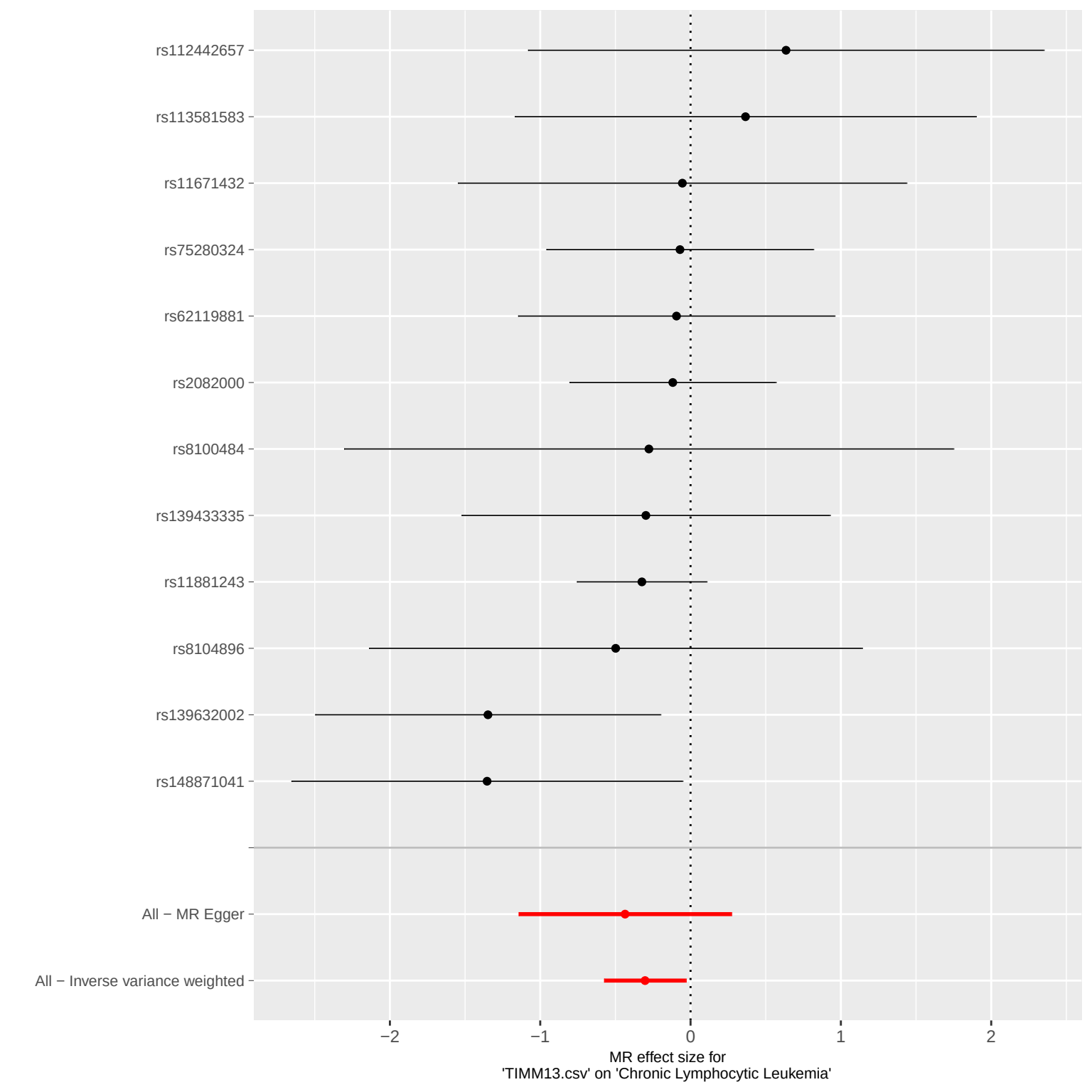
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TIGD2.csv' on 'Chronic Lymphocytic Leukemia'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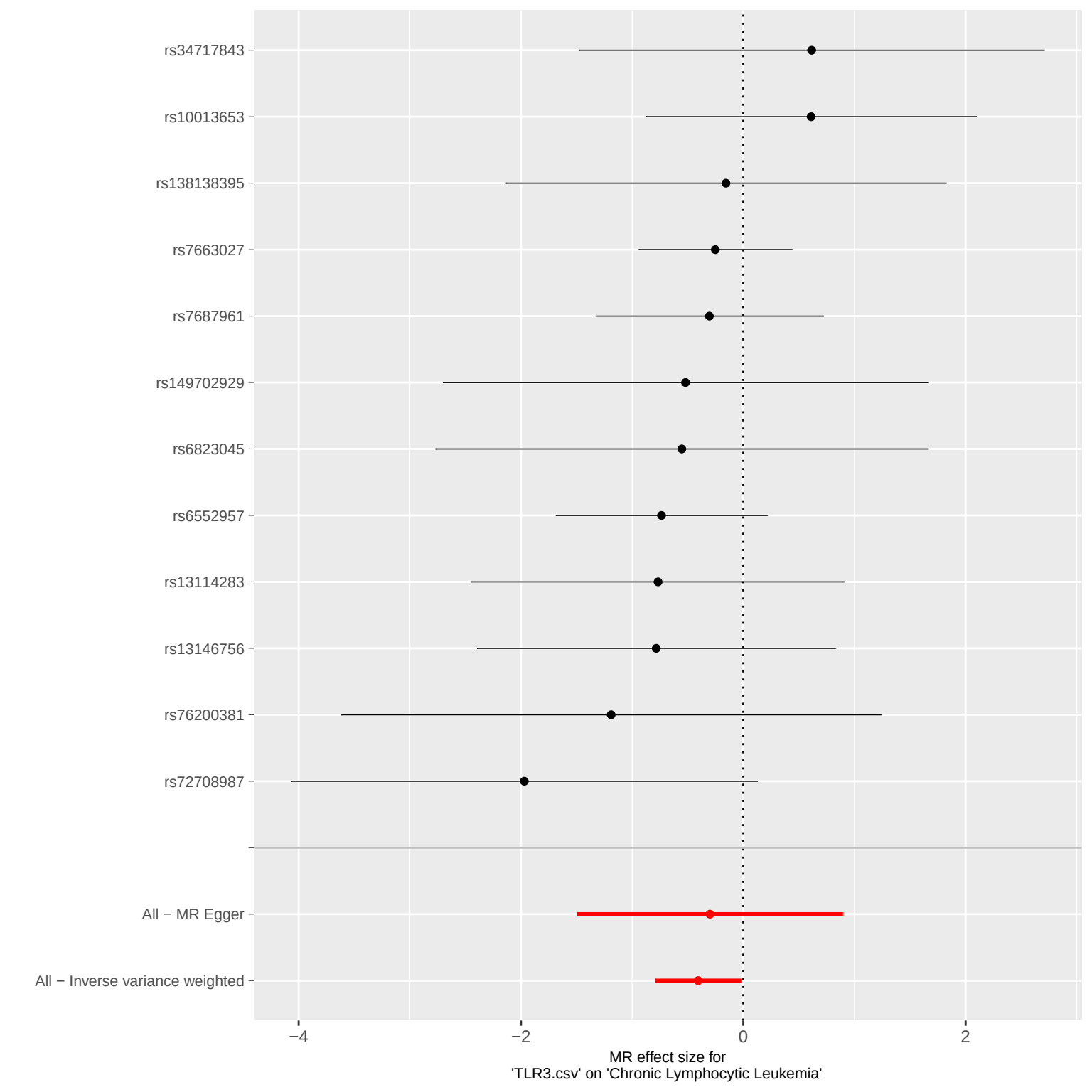
rs62119881
rs2082000
rs8100484
rs139433335
rs11881243
rs8104896
rs139632002
rs148871041
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'TIMM13.csv' on 'Chronic Lymphocytic Leukemia'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rs7687961
rs149702929
rs6823045
rs6552957
rs13114283
rs13146756
rs76200381
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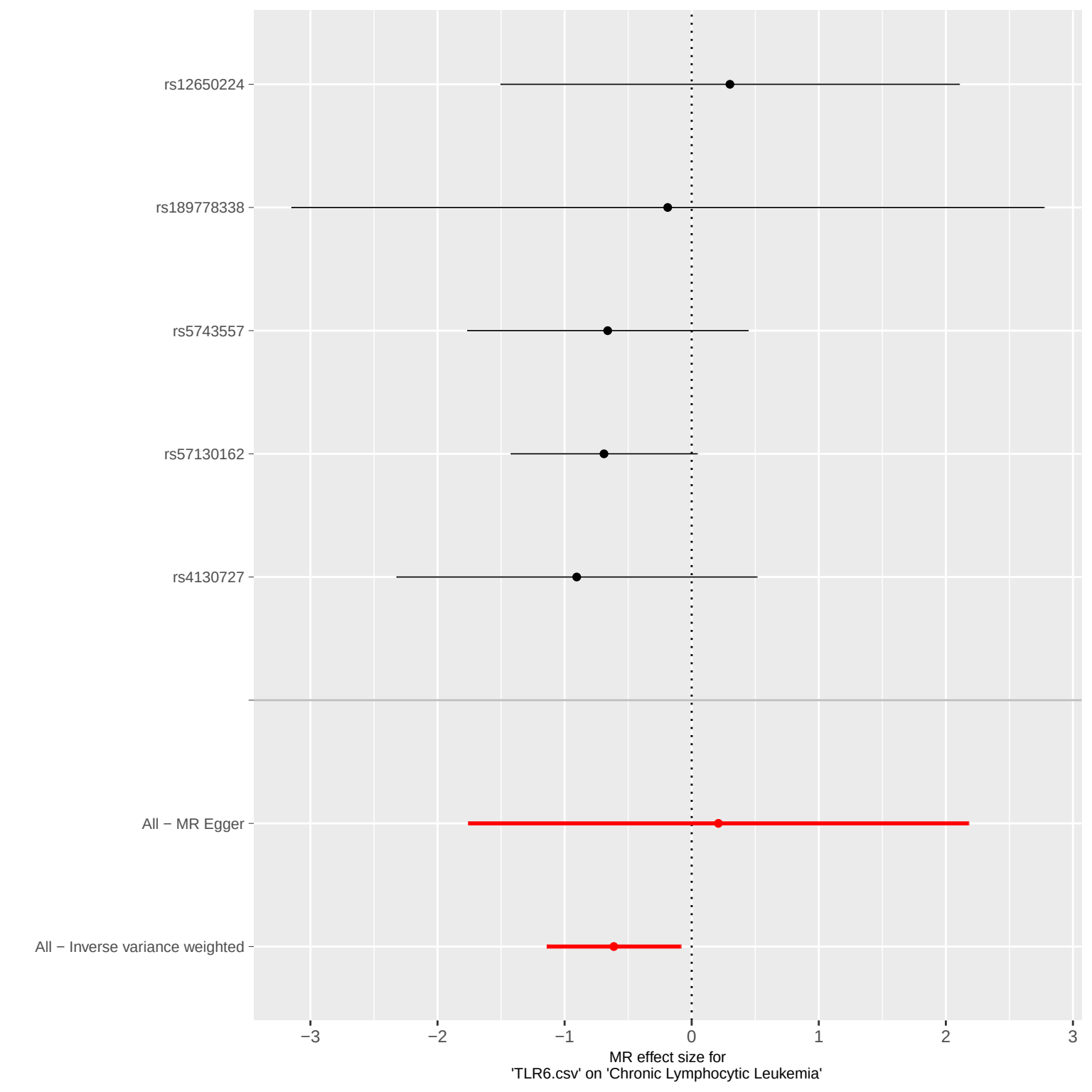
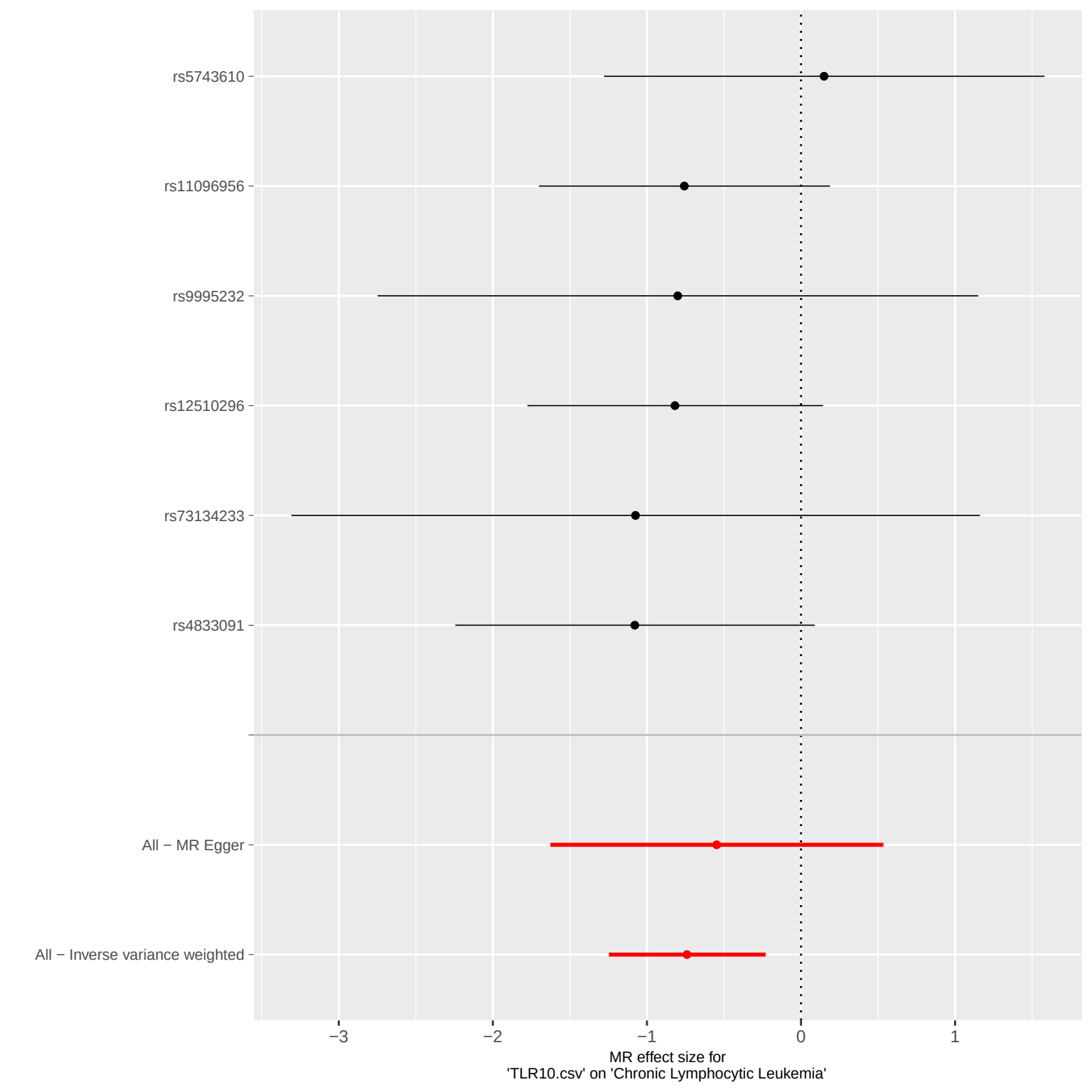
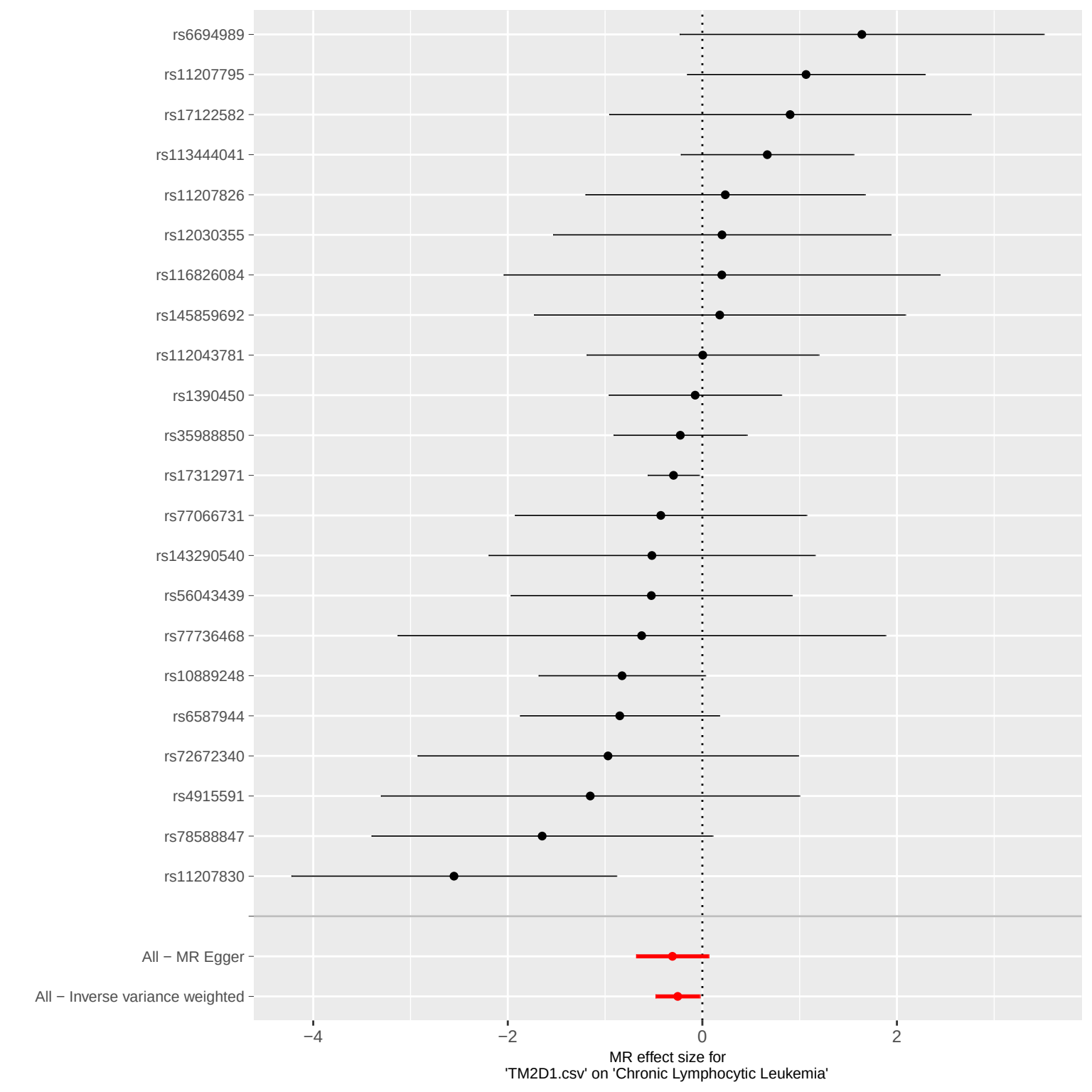
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TLR3.csv' on 'Chronic Lymphocytic Leukemia'


rs12650224
rs189778338
rs5743557
rs57130162
rs4130727
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'TLR6.csv' on 'Chronic Lymphocytic Leukemia'


rs5743610
rs11096956
rs9995232
rs12510296
rs73134233
rs4833091
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'TLR10.csv' on 'Chronic Lymphocytic Leukemia'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rs35988850
rs17312971
rs77066731
rs143290540
rs56043439
rs77736468
rs10889248
rs6587944
rs72672340
rs4915591
rs78588847
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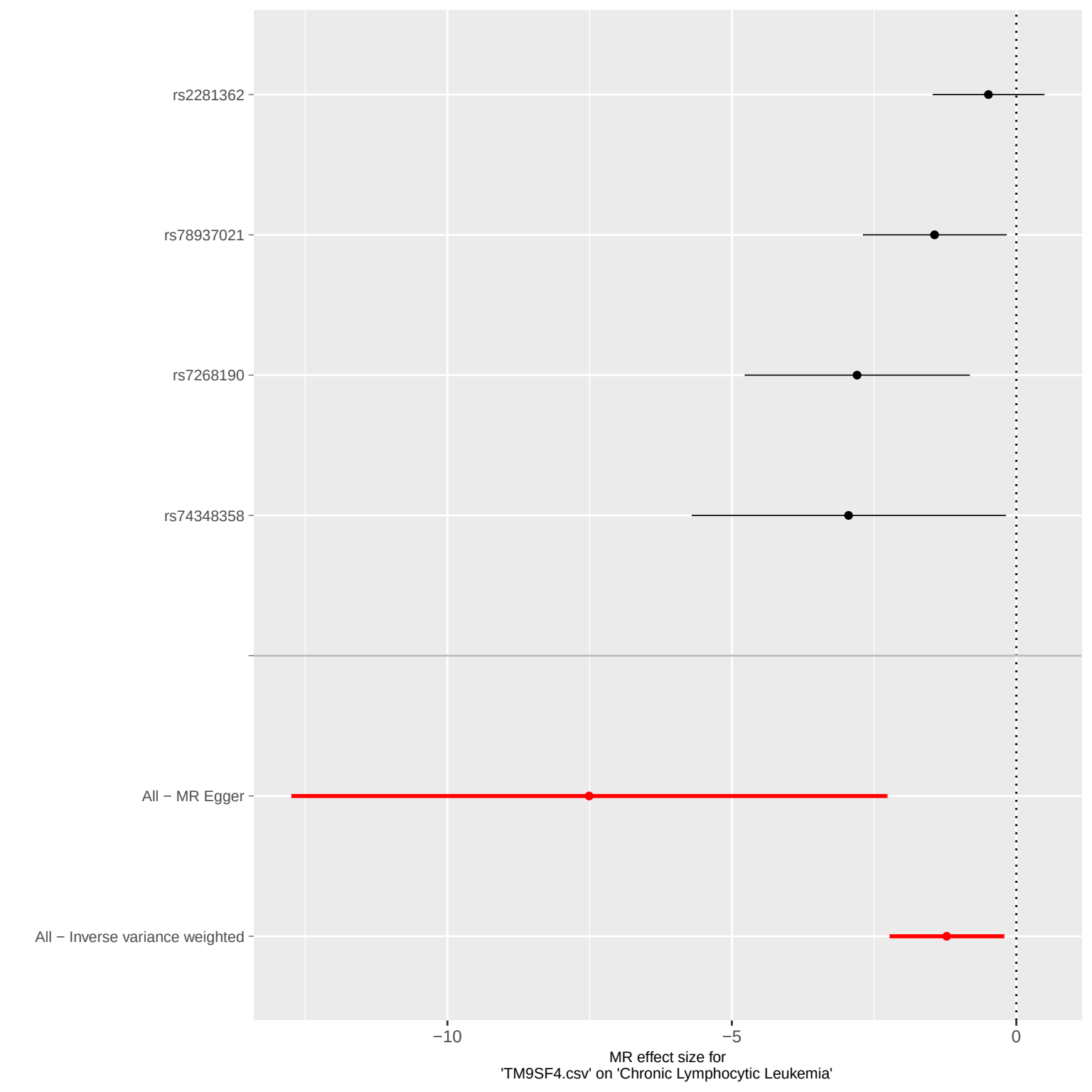
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TM2D1.csv' on 'Chronic Lymphocytic Leukemia'


rs2281362
rs78937021
rs7268190
rs74348358
All − MR Egger
All − Inverse variance weighted
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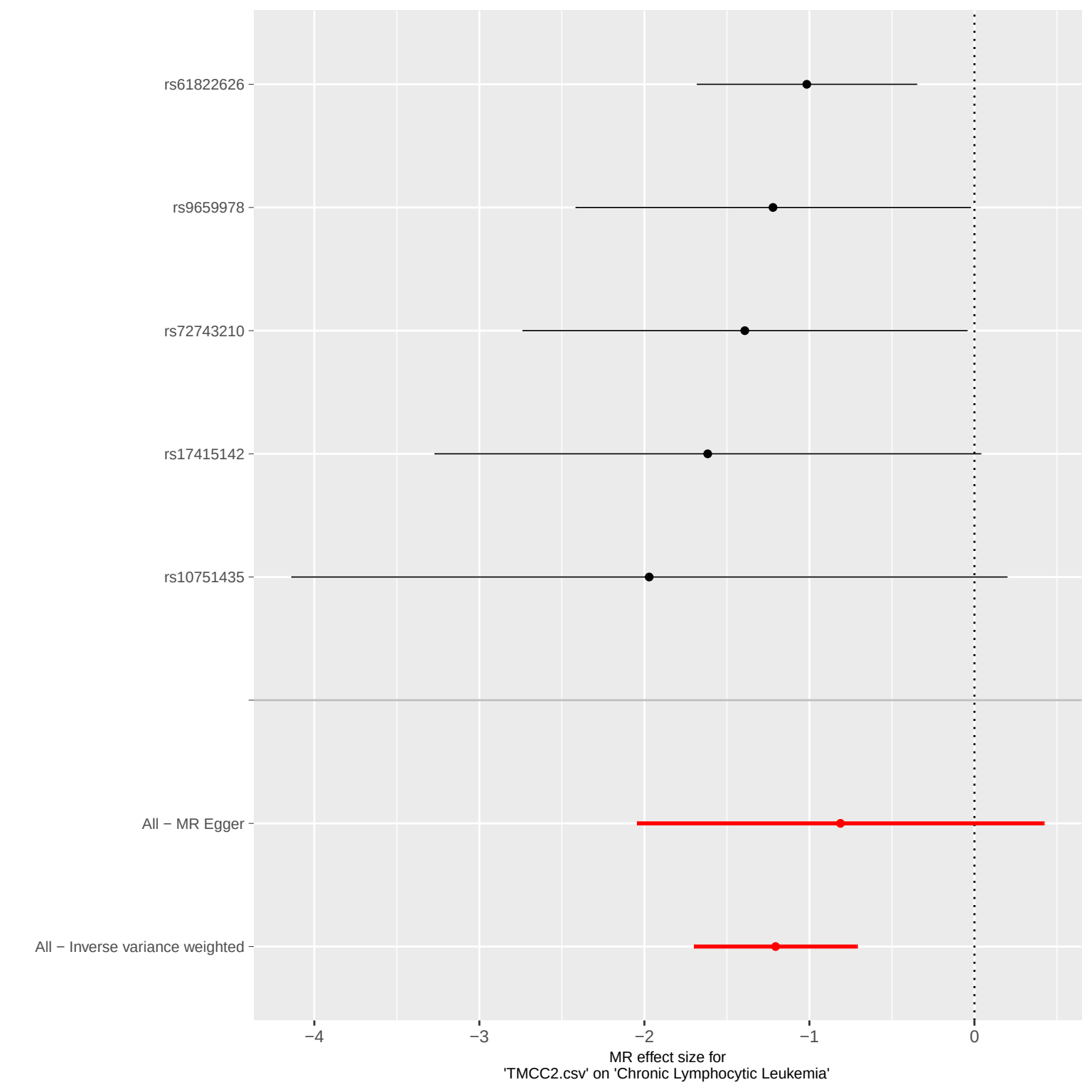
−5
0
MR effect size for
'TM9SF4.csv' on 'Chronic Lymphocytic Leukemia'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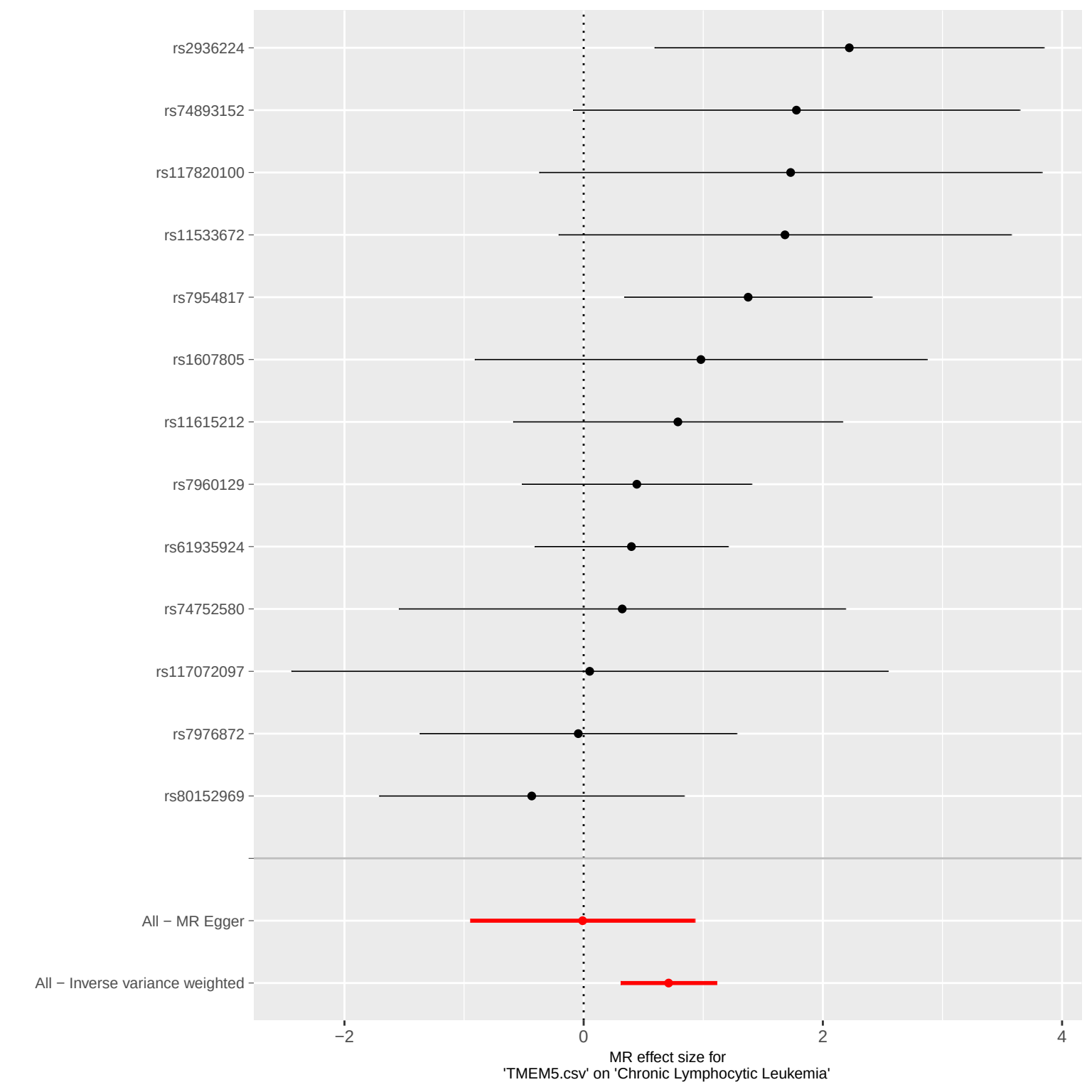
rs9659978
rs72743210
rs17415142
rs10751435
All − MR Egger
All − Inverse variance weighted
−4
−3
−2
−1
0
MR effect size for
'TMCC2.csv' on 'Chronic Lymphocytic Leukemia'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rs7960129
rs61935924
rs74752580
rs117072097
rs7976872
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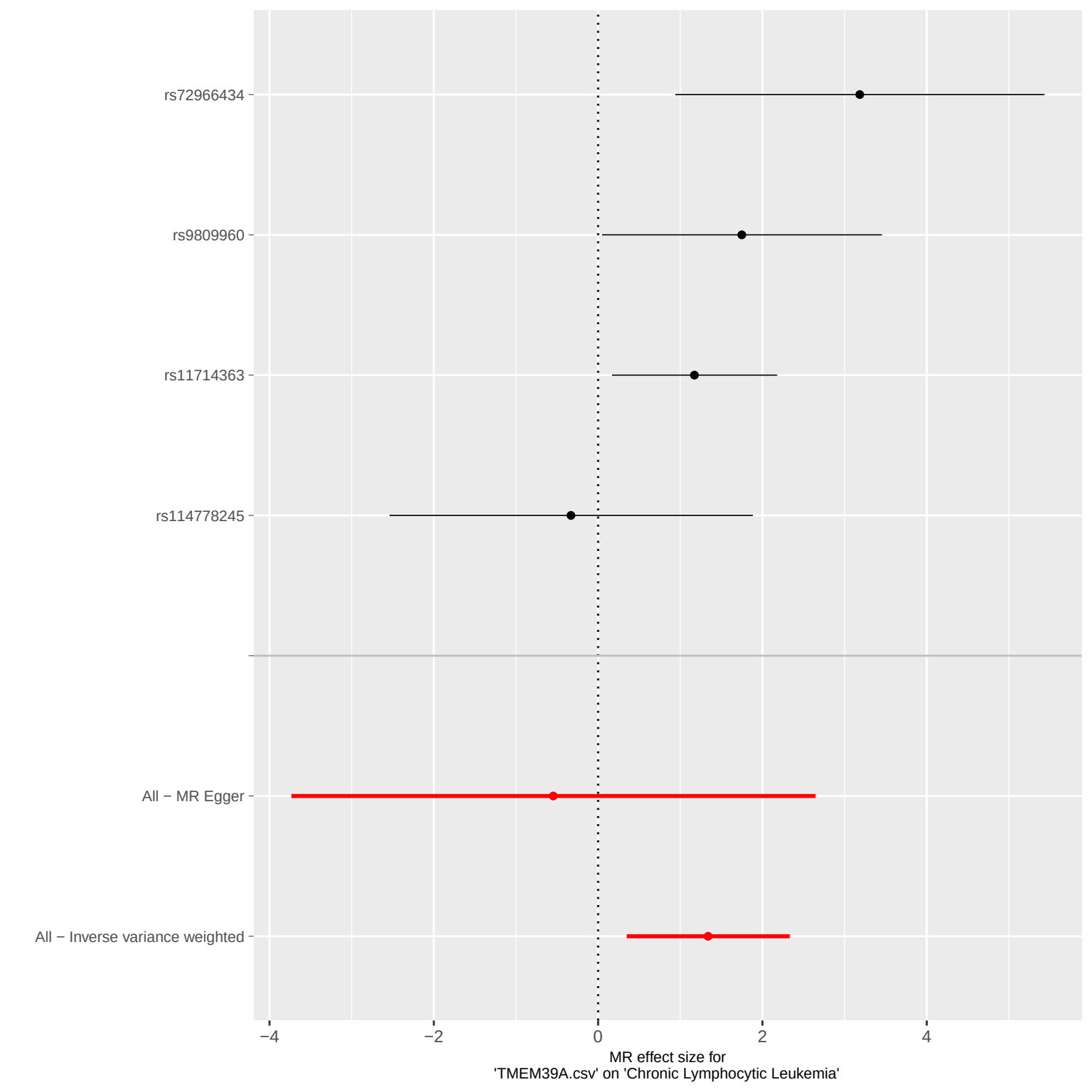
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TMEM5.csv' on 'Chronic Lymphocytic Leukemia'


rs72966434
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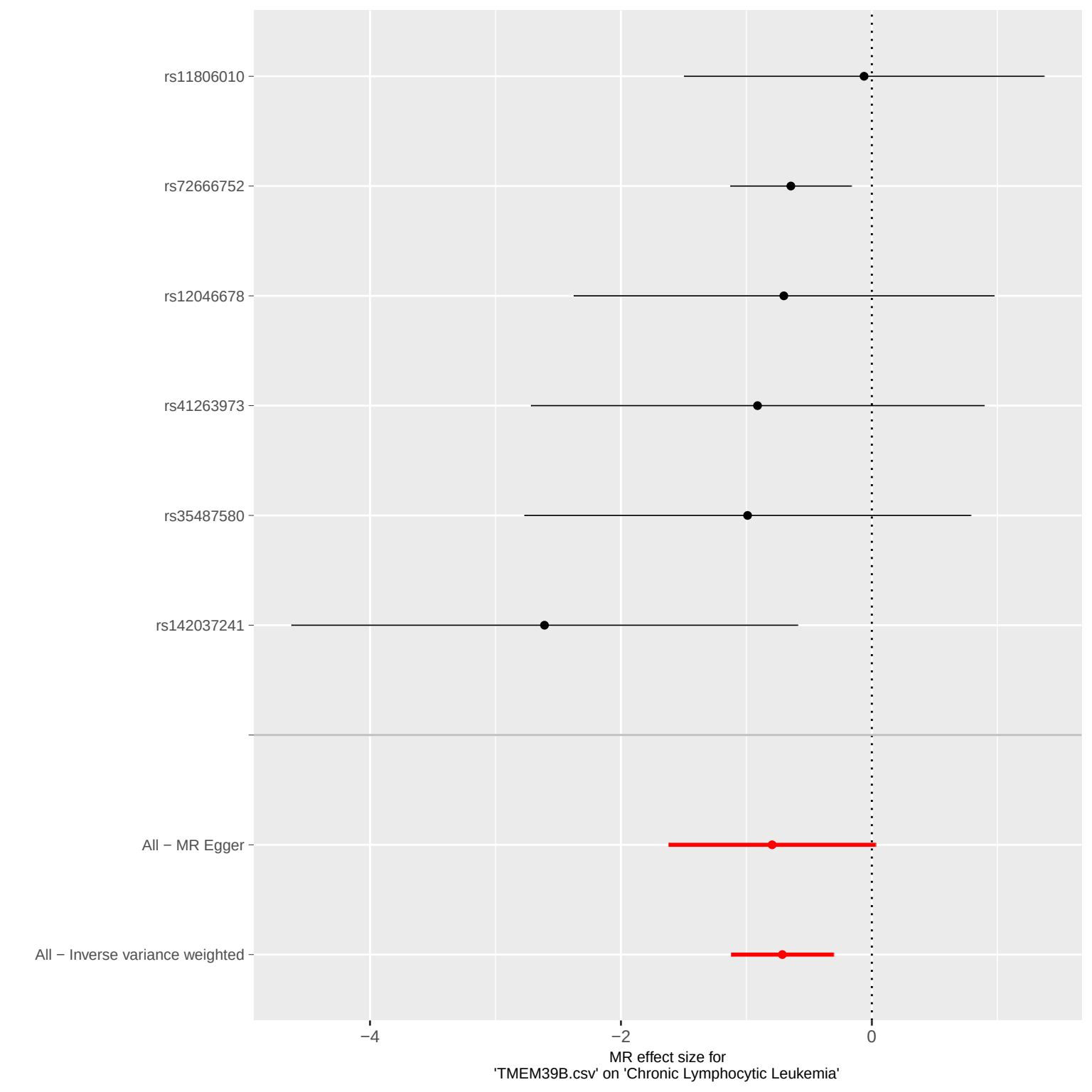
rs114778245
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'TMEM39A.csv' on 'Chronic Lymphocytic Leukemia'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rs35487580
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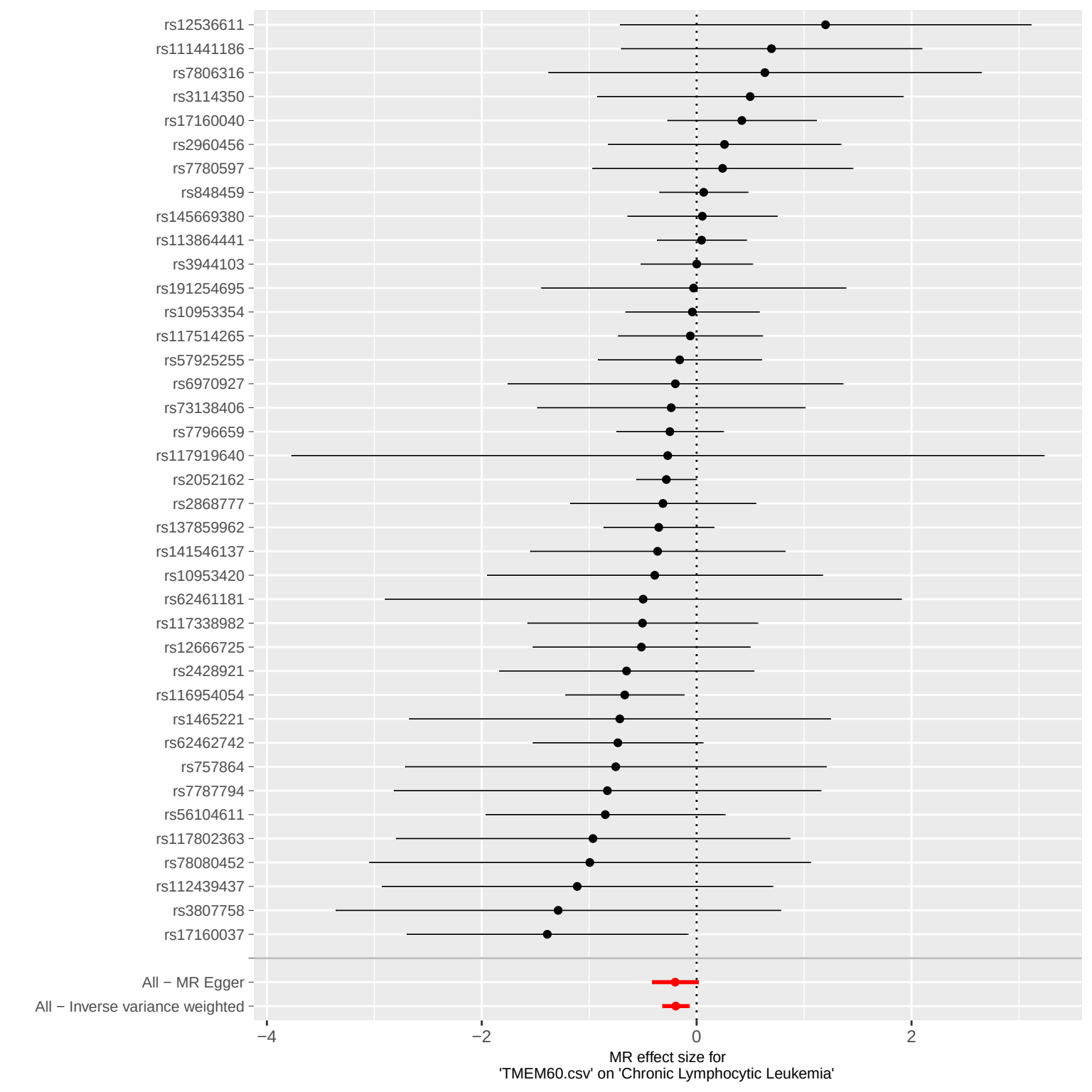
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'TMEM39B.csv' on 'Chronic Lymphocytic Leukemia'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rs117514265
rs57925255
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rs10953420
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rs2428921
rs116954054
rs1465221
rs62462742
rs757864
rs7787794
rs56104611
rs117802363
rs78080452
rs112439437
rs3807758
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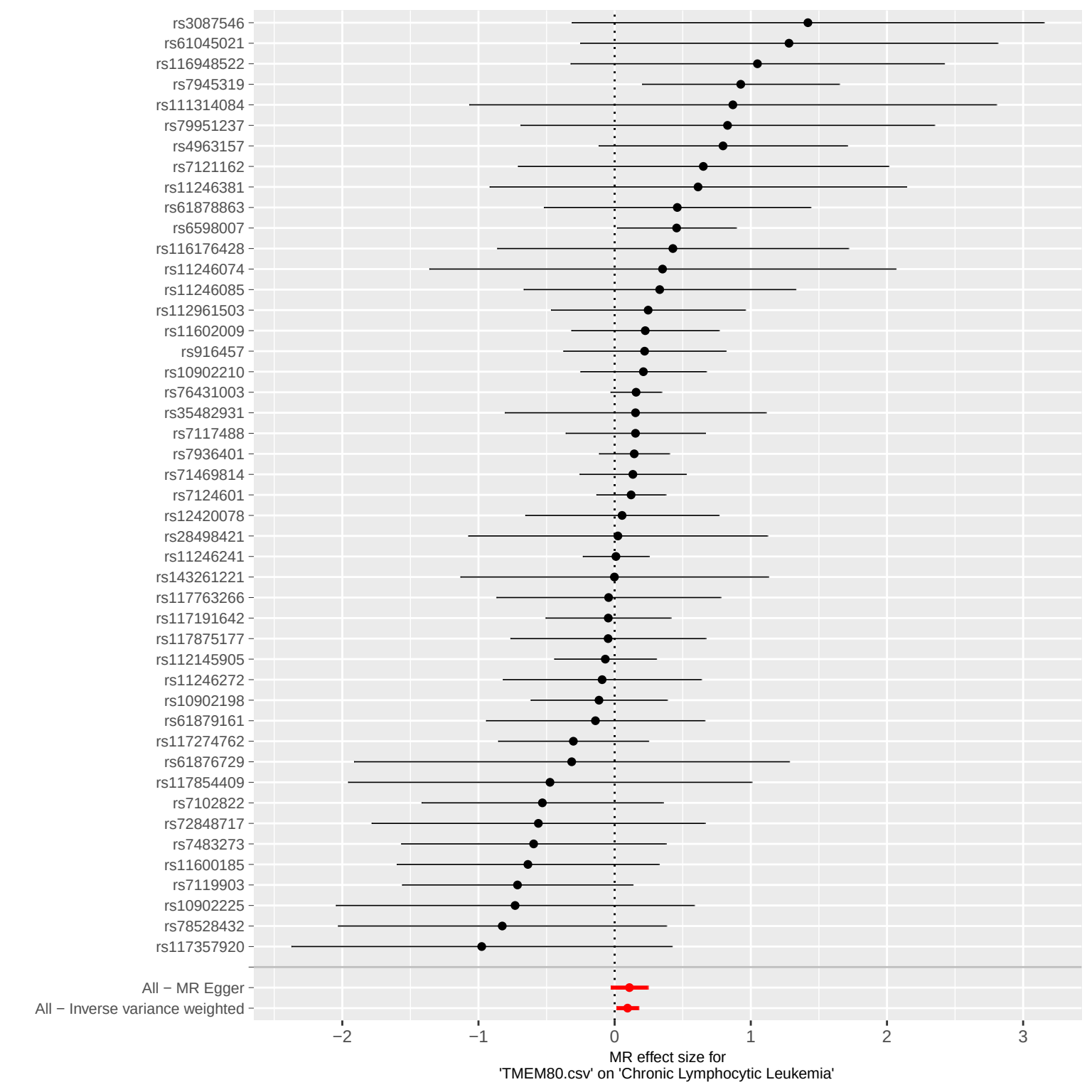
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TMEM60.csv' on 'Chronic Lymphocytic Leukemia'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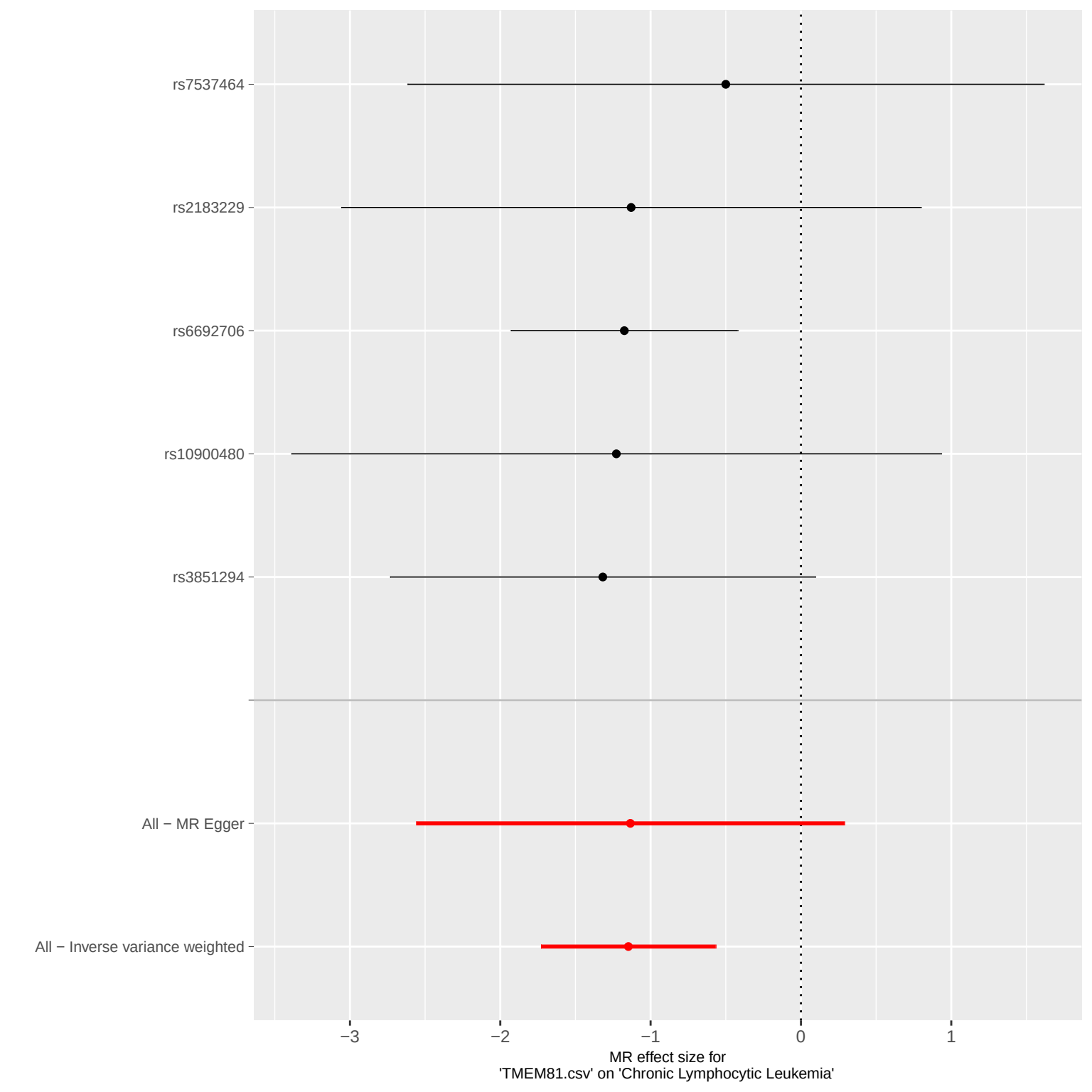
rs61876729
rs117854409
rs7102822
rs72848717
rs7483273
rs11600185
rs7119903
rs10902225
rs78528432
rs117357920
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'TMEM80.csv' on 'Chronic Lymphocytic Leukemia'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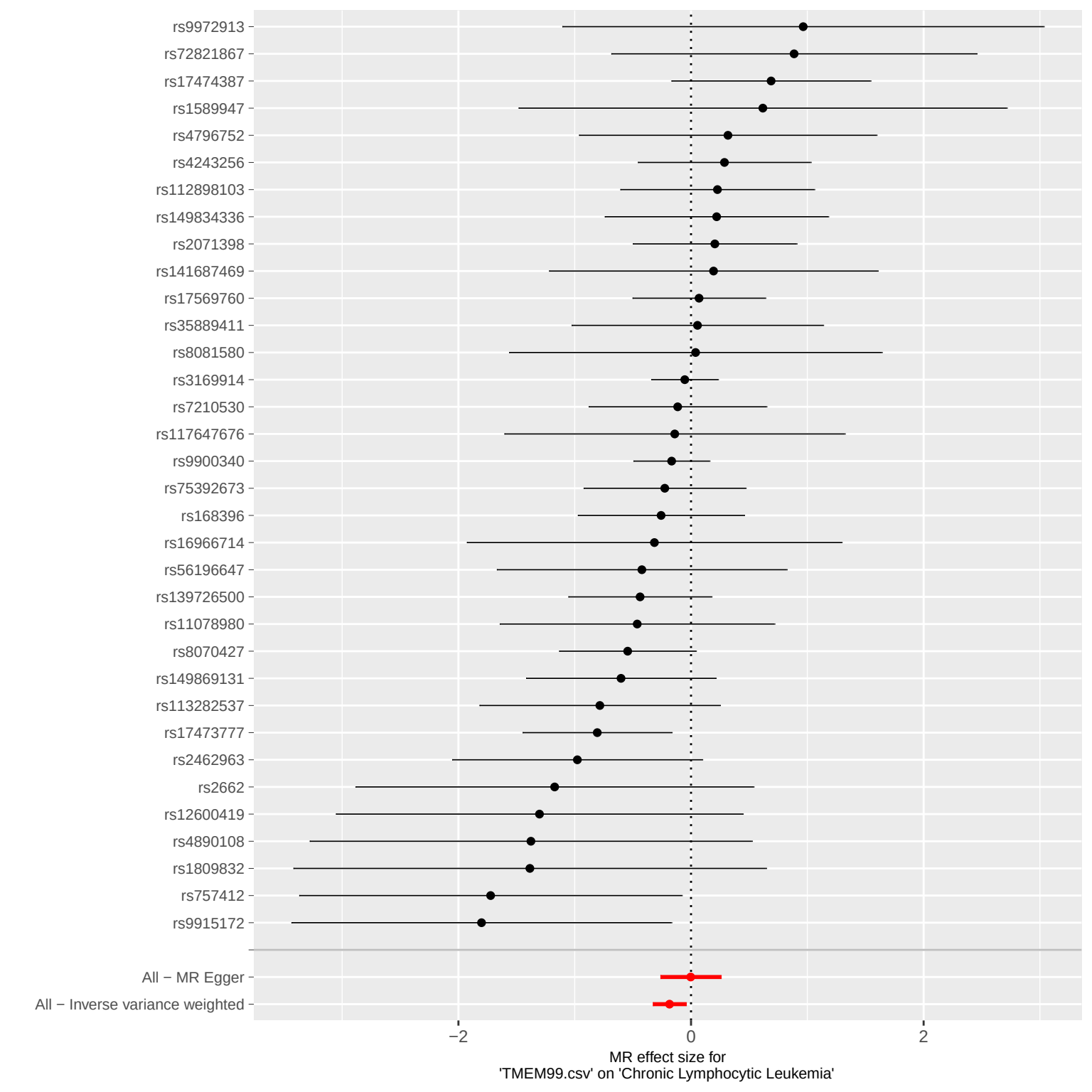
rs2183229
rs6692706
rs10900480
rs3851294
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'TMEM81.csv' on 'Chronic Lymphocytic Leukemia'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rs7210530
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rs75392673
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rs17473777
rs2462963
rs2662
rs12600419
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All − MR Egger
All − Inverse variance weighted
−2
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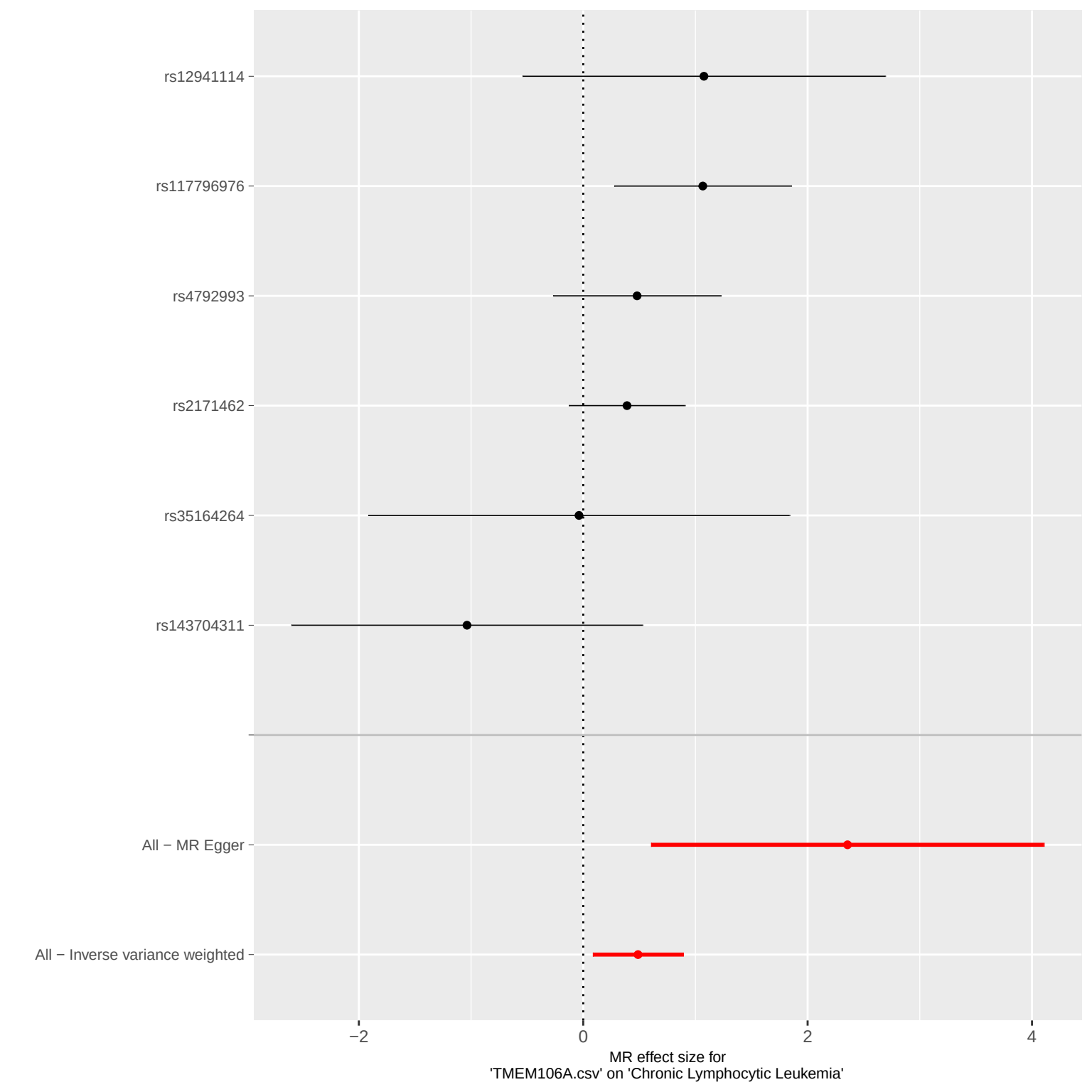
2
MR effect size for
'TMEM99.csv' on 'Chronic Lymphocytic Leukemia'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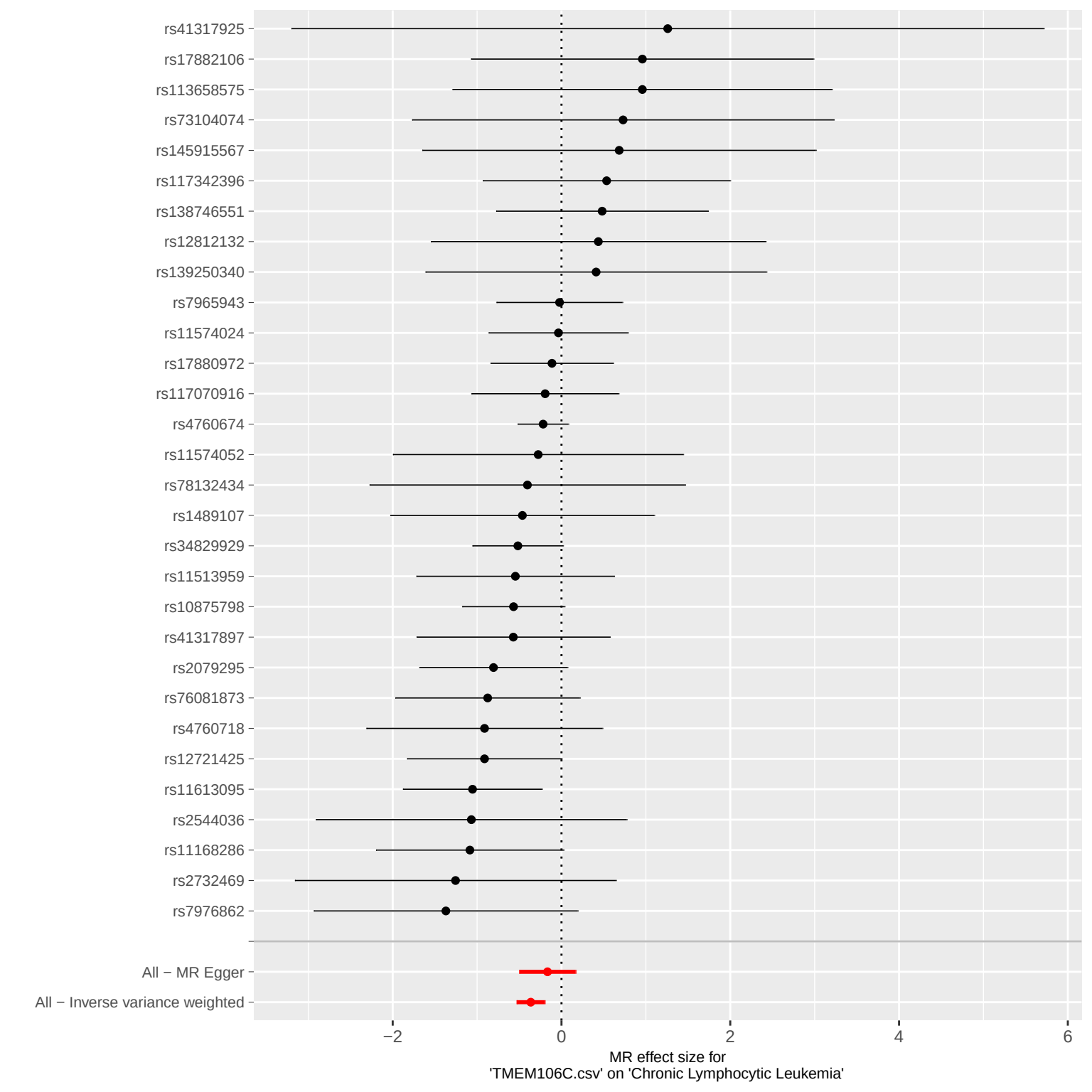
rs4792993
rs2171462
rs35164264
rs143704311
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TMEM106A.csv' on 'Chronic Lymphocytic Leukemia'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rs76081873
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rs12721425
rs11613095
rs2544036
rs11168286
rs2732469
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All − MR Egger
All − Inverse variance weighted
−2
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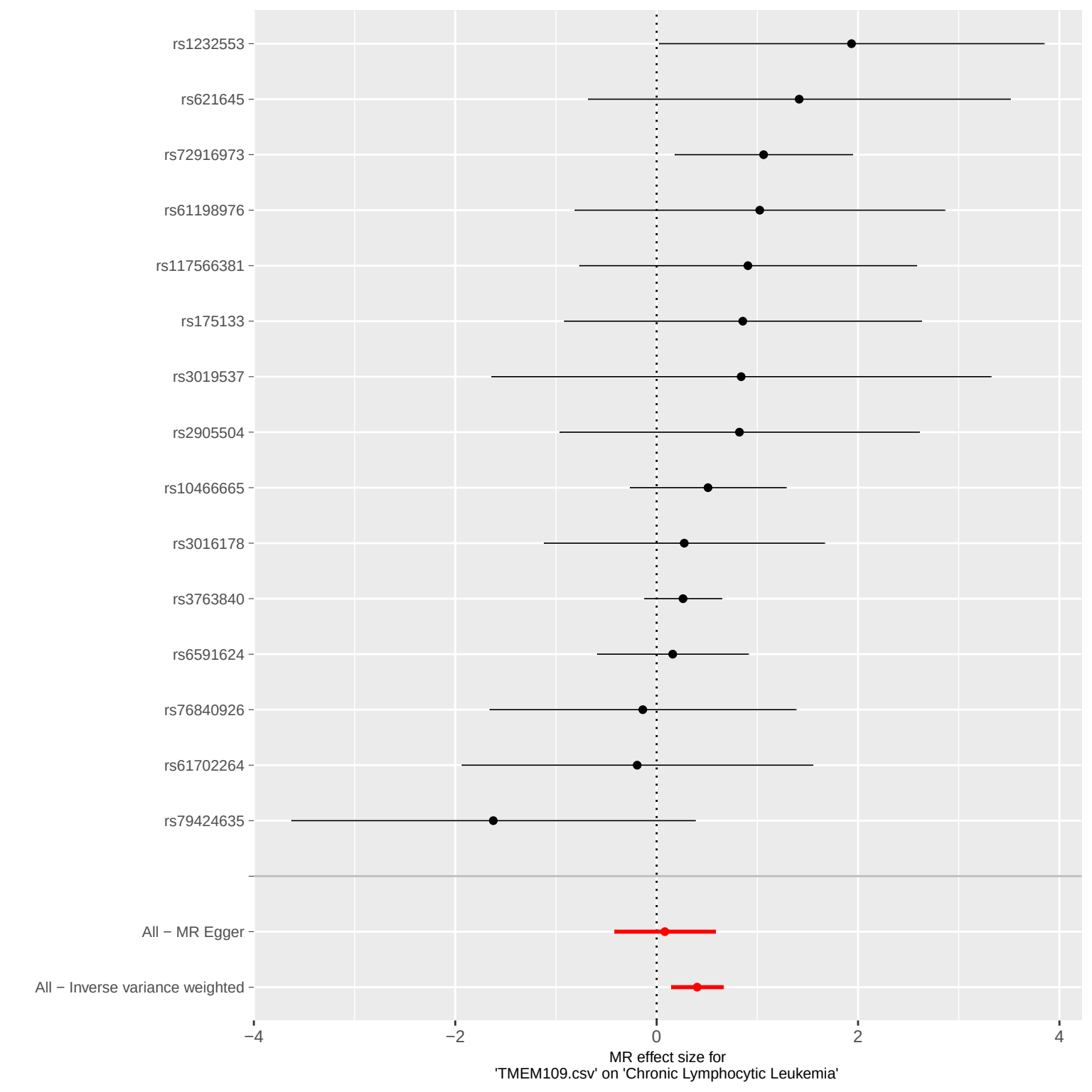
2
4
6
MR effect size for
'TMEM106C.csv' on 'Chronic Lymphocytic Leukemia'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rs3763840
rs6591624
rs76840926
rs61702264
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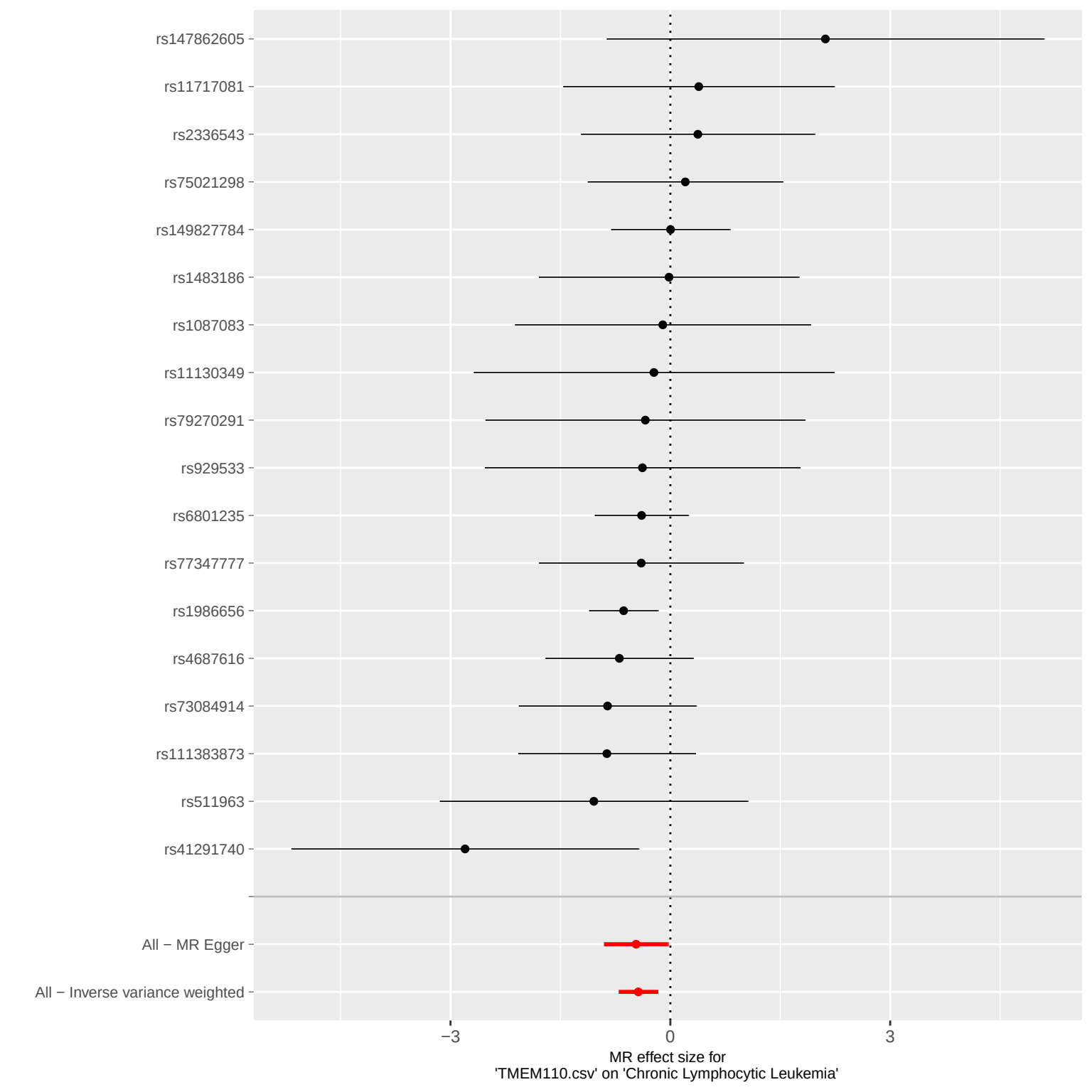
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'TMEM109.csv' on 'Chronic Lymphocytic Leukemia'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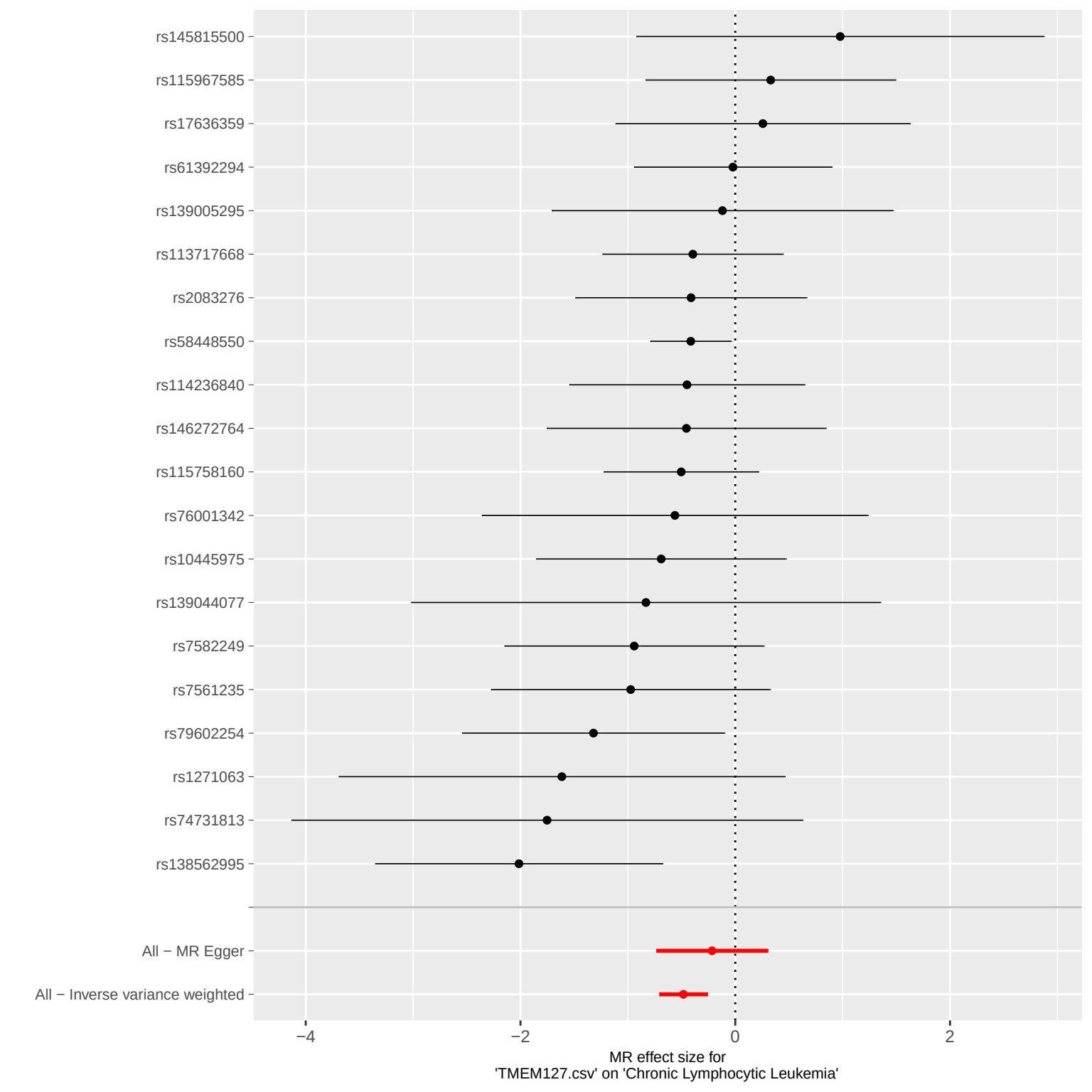
rs929533
rs6801235
rs77347777
rs1986656
rs4687616
rs73084914
rs111383873
rs511963
rs41291740
All − MR Egger
All − Inverse variance weighted
−3
0
3
MR effect size for
'TMEM110.csv' on 'Chronic Lymphocytic Leukemia'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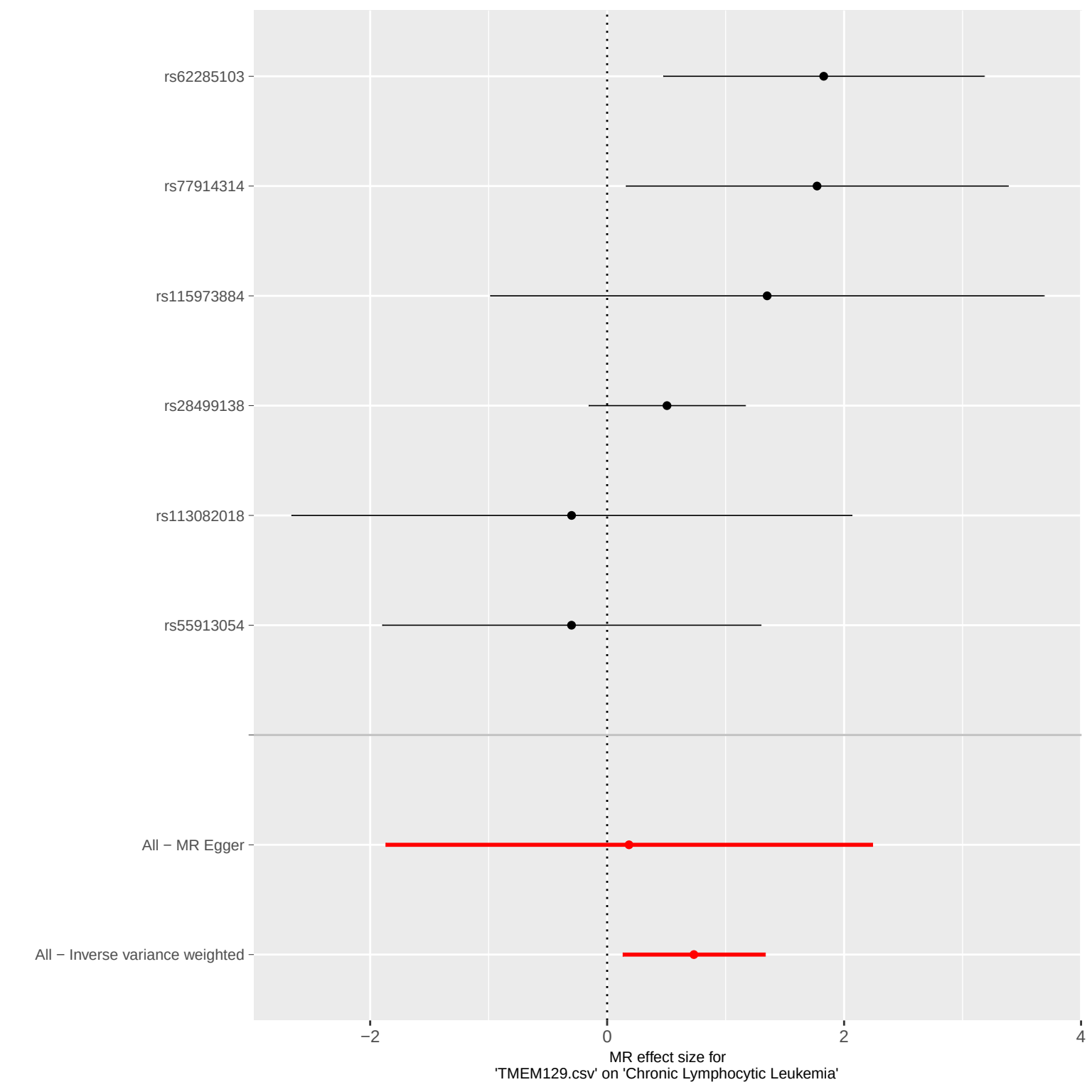
rs115758160
rs76001342
rs10445975
rs139044077
rs7582249
rs7561235
rs79602254
rs1271063
rs74731813
rs138562995
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TMEM127.csv' on 'Chronic Lymphocytic Leukemia'


rs62285103
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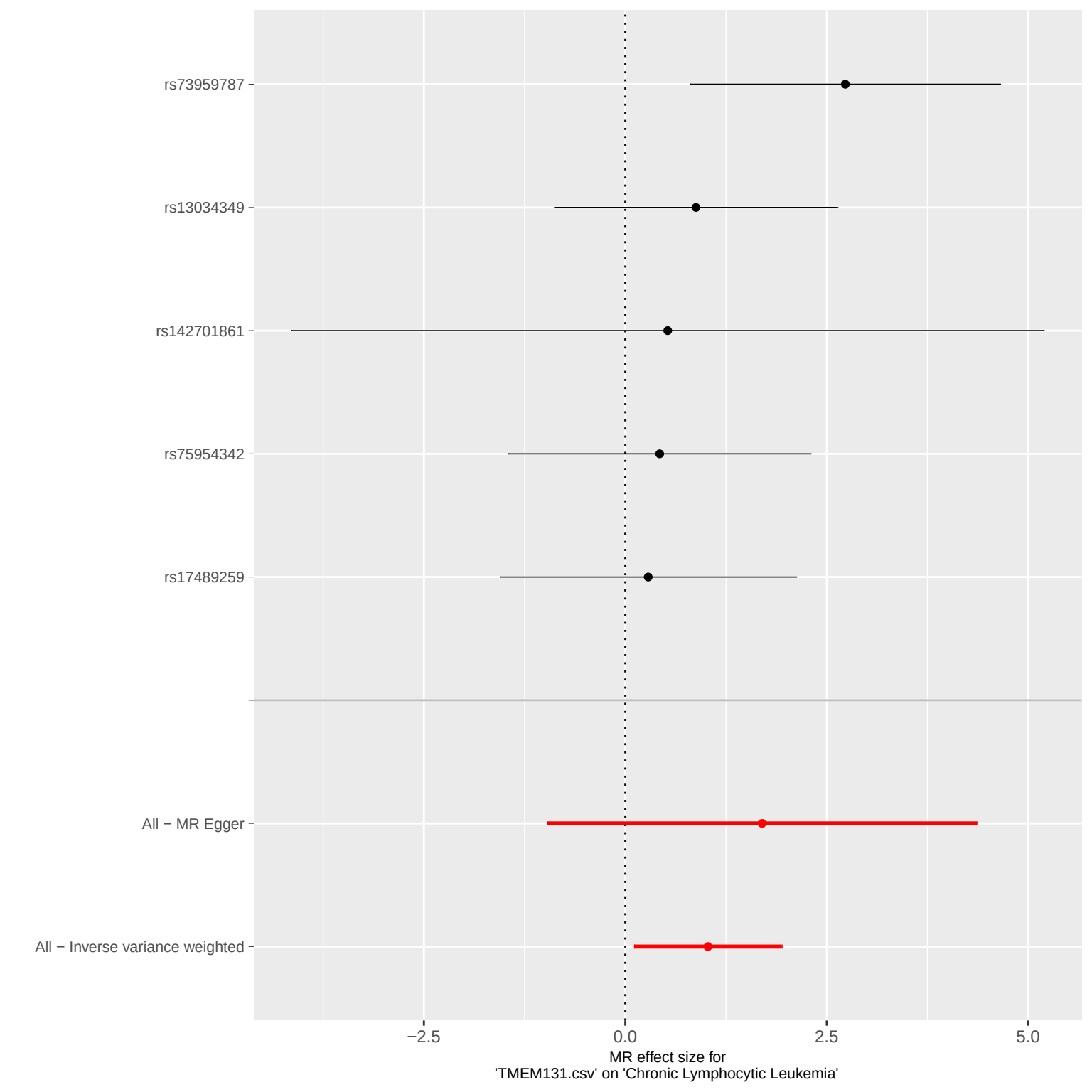
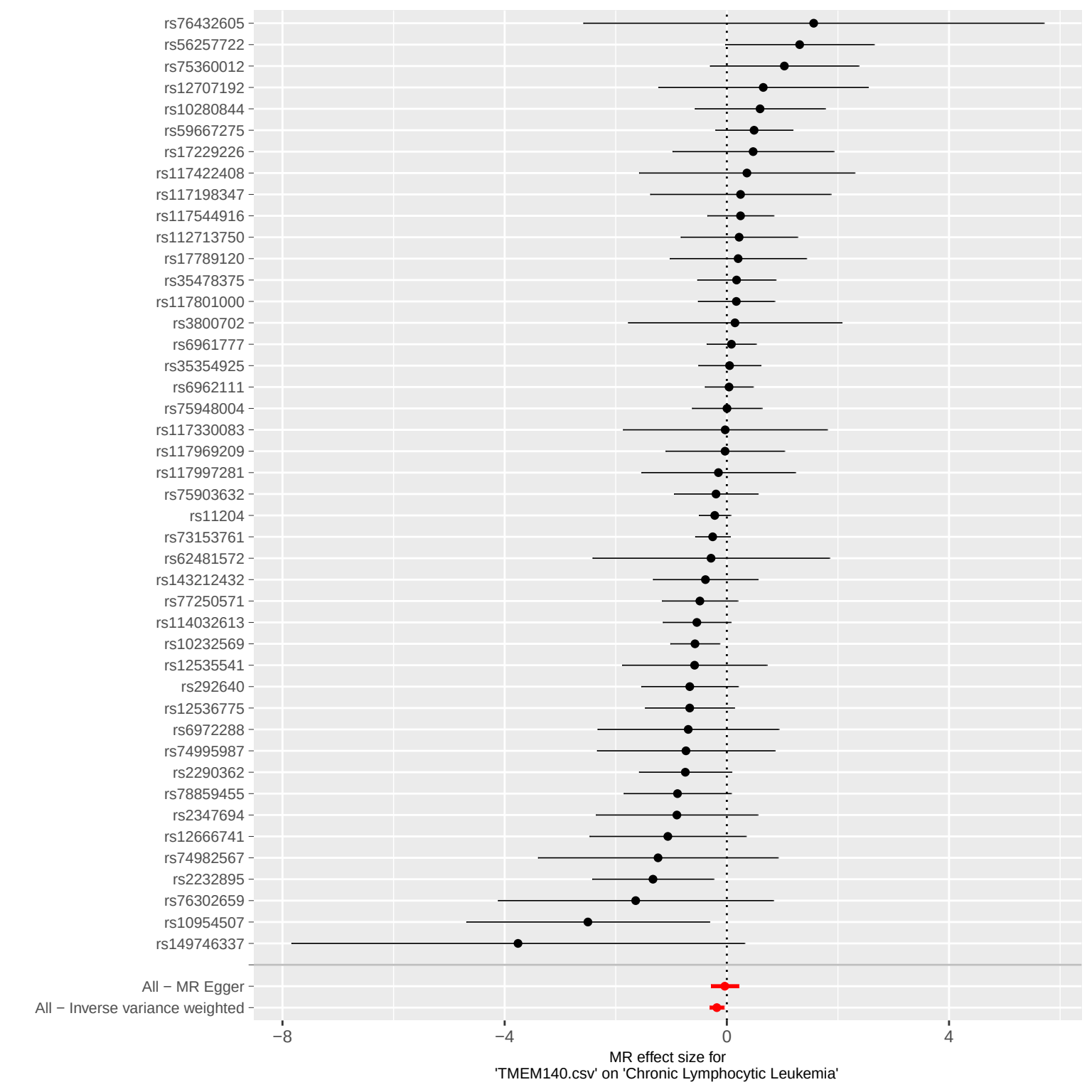
rs115973884
rs28499138
rs113082018
rs55913054
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TMEM129.csv' on 'Chronic Lymphocytic Leukemia'


rs73959787
rs13034349
rs142701861
rs75954342
rs17489259
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'TMEM131.csv' on 'Chronic Lymphocytic Leukemia'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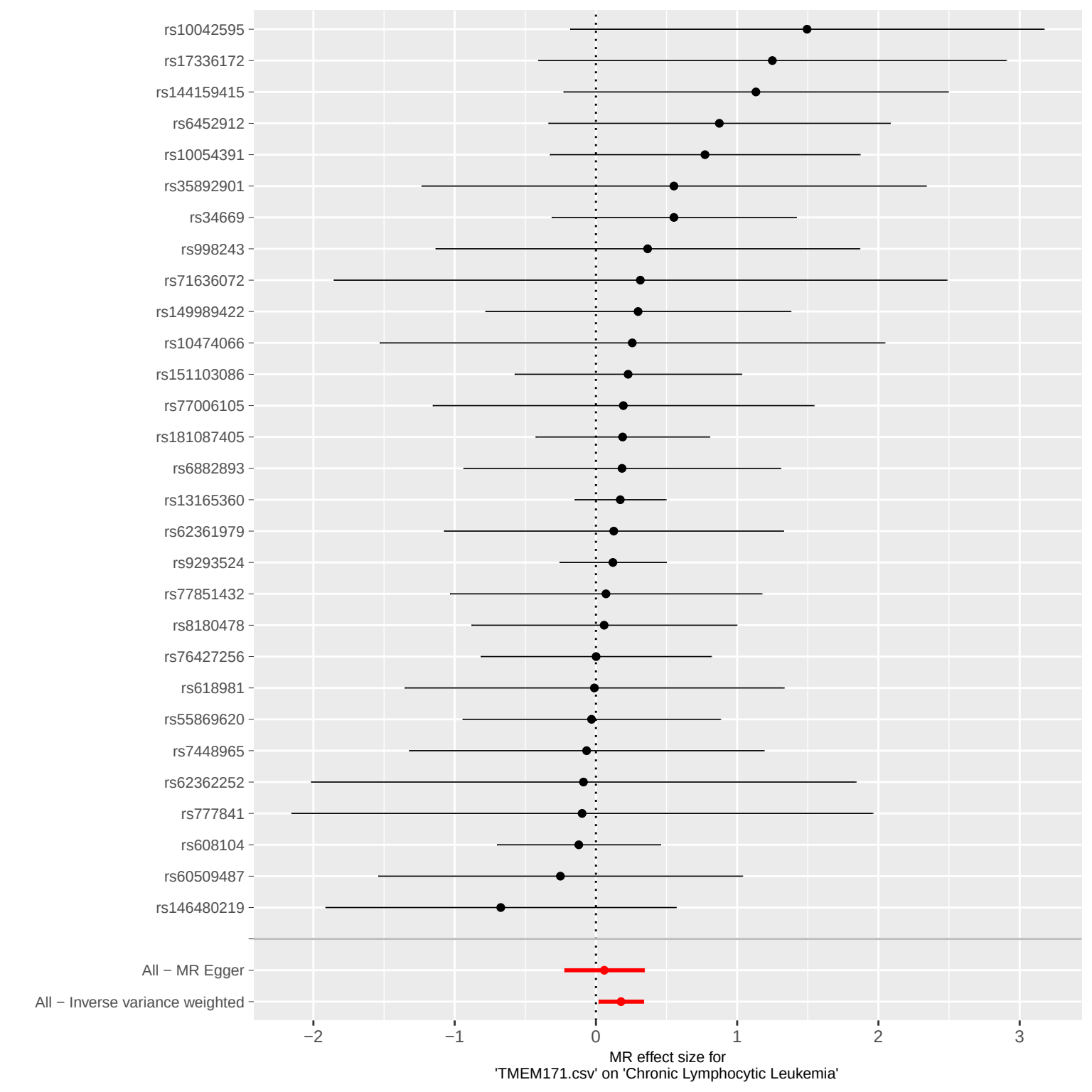
MR effect size for
'TMEM140.csv' on 'Chronic Lymphocytic Leukemia'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rs151103086
rs77006105
rs181087405
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rs13165360
rs62361979
rs9293524
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rs7448965
rs62362252
rs777841
rs608104
rs60509487
rs146480219
All − MR Egger
All − Inverse variance weighted
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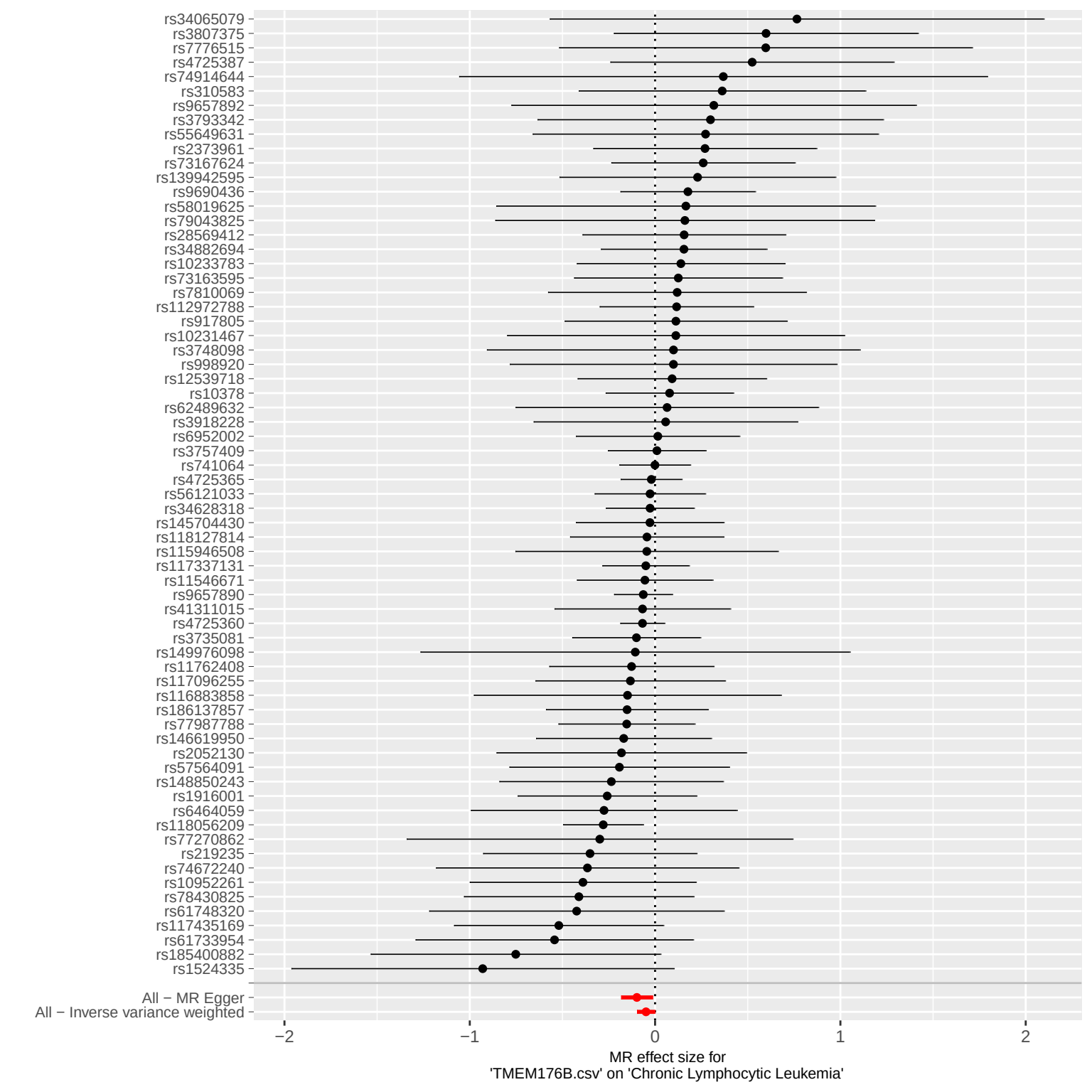
MR effect size for
'TMEM171.csv' on 'Chronic Lymphocytic Leukemia'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rs61748320
rs117435169
rs61733954
rs185400882
rs1524335
All − MR Egger
All − Inverse variance weighted
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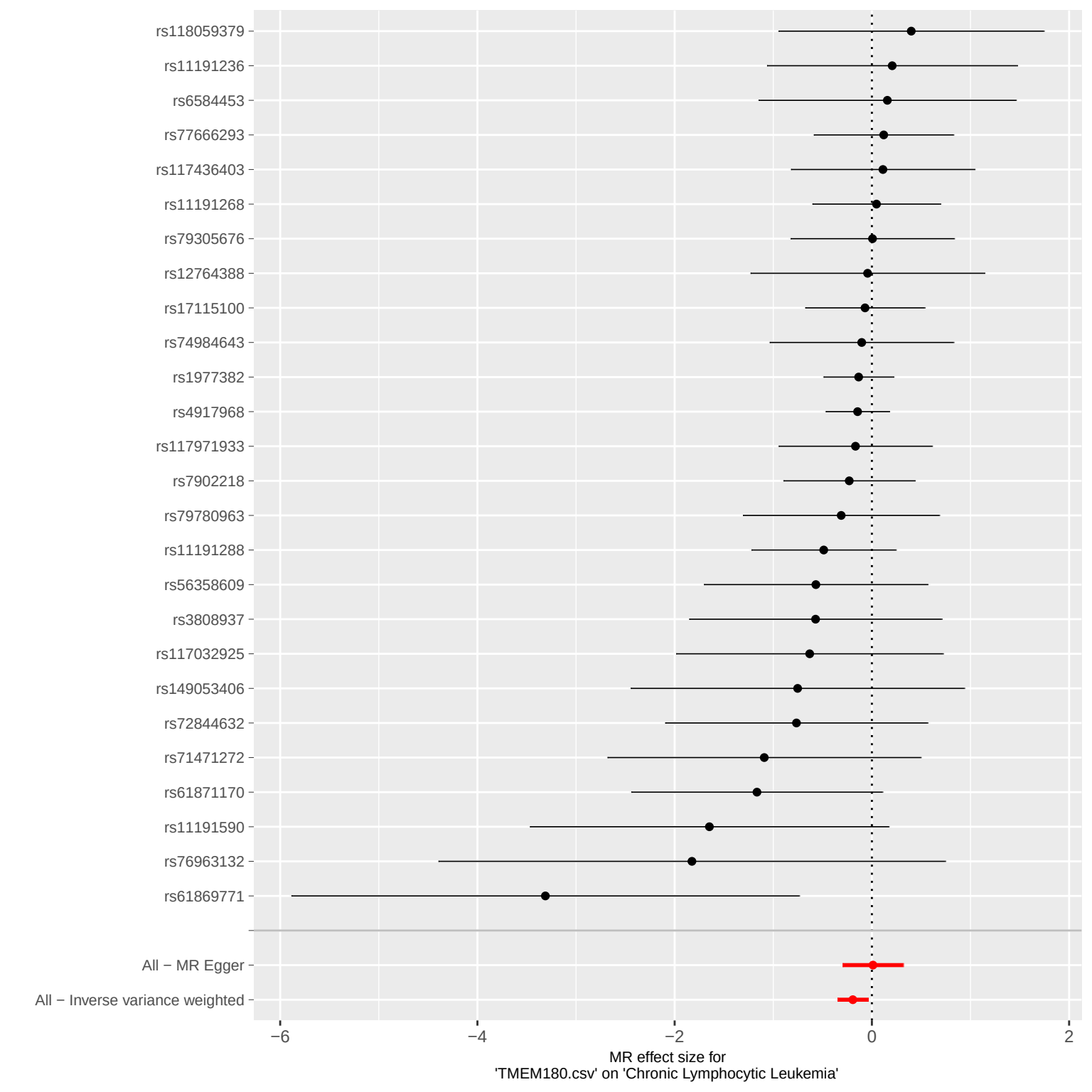
MR effect size for
'TMEM176B.csv' on 'Chronic Lymphocytic Leukemia'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rs3808937
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rs149053406
rs72844632
rs71471272
rs61871170
rs11191590
rs76963132
rs61869771
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
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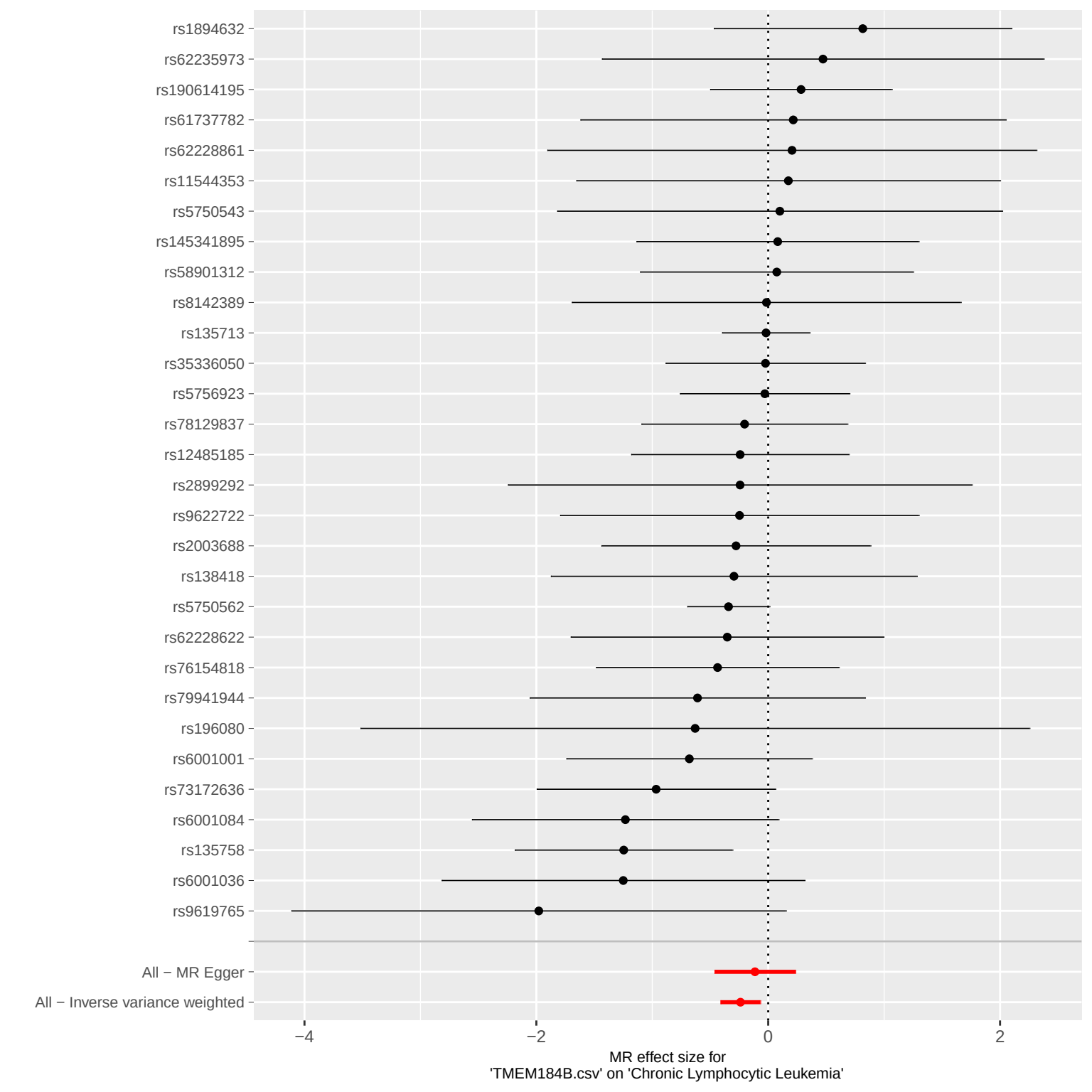
2
MR effect size for
'TMEM180.csv' on 'Chronic Lymphocytic Leukemia'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rs2899292
rs9622722
rs2003688
rs138418
rs5750562
rs62228622
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rs79941944
rs196080
rs6001001
rs73172636
rs6001084
rs135758
rs6001036
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All − MR Egger
All − Inverse variance weighted
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−2
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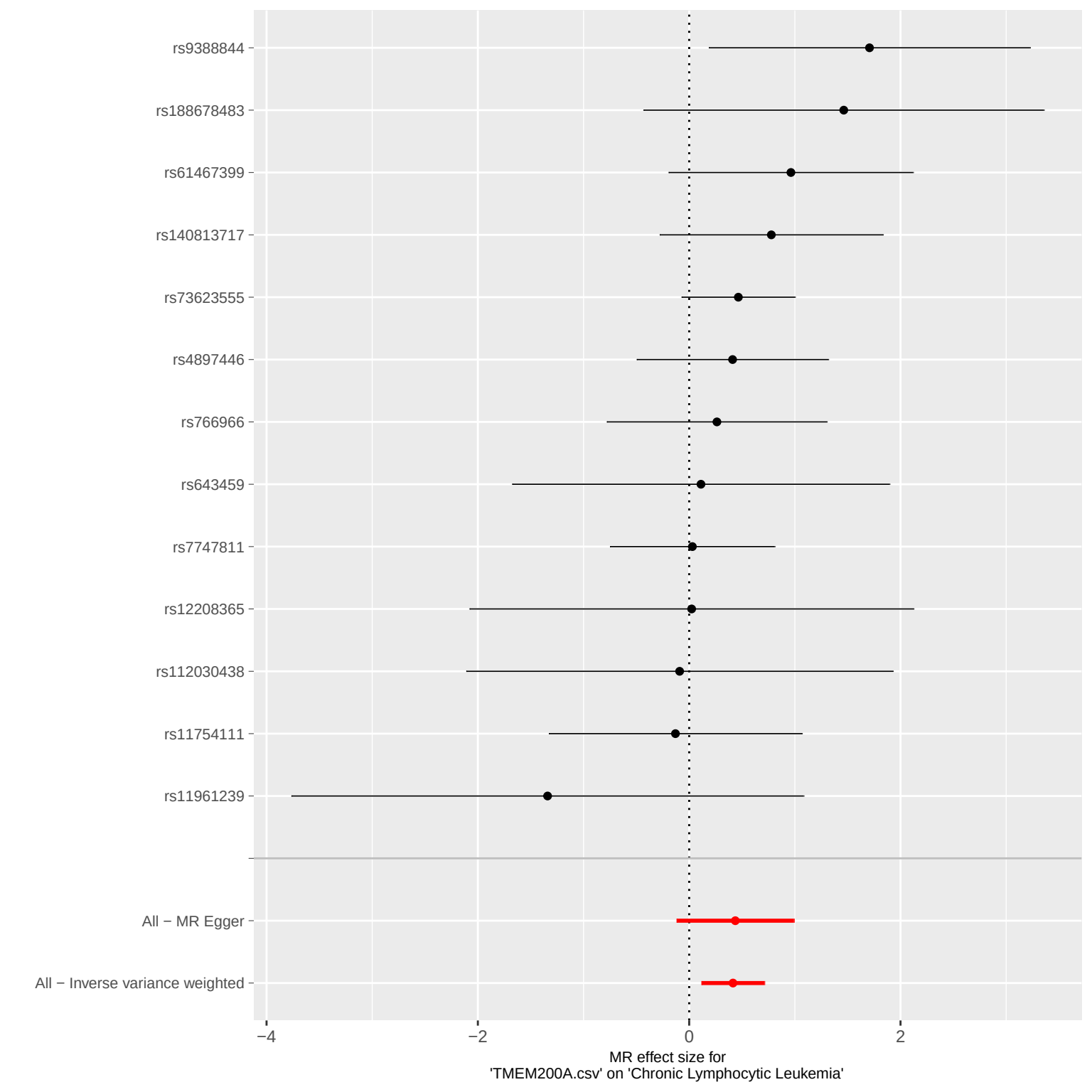
MR effect size for
'TMEM184B.csv' on 'Chronic Lymphocytic Leukemia'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rs140813717
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rs12208365
rs112030438
rs11754111
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All − MR Egger
All − Inverse variance weighted
−4
−2
0
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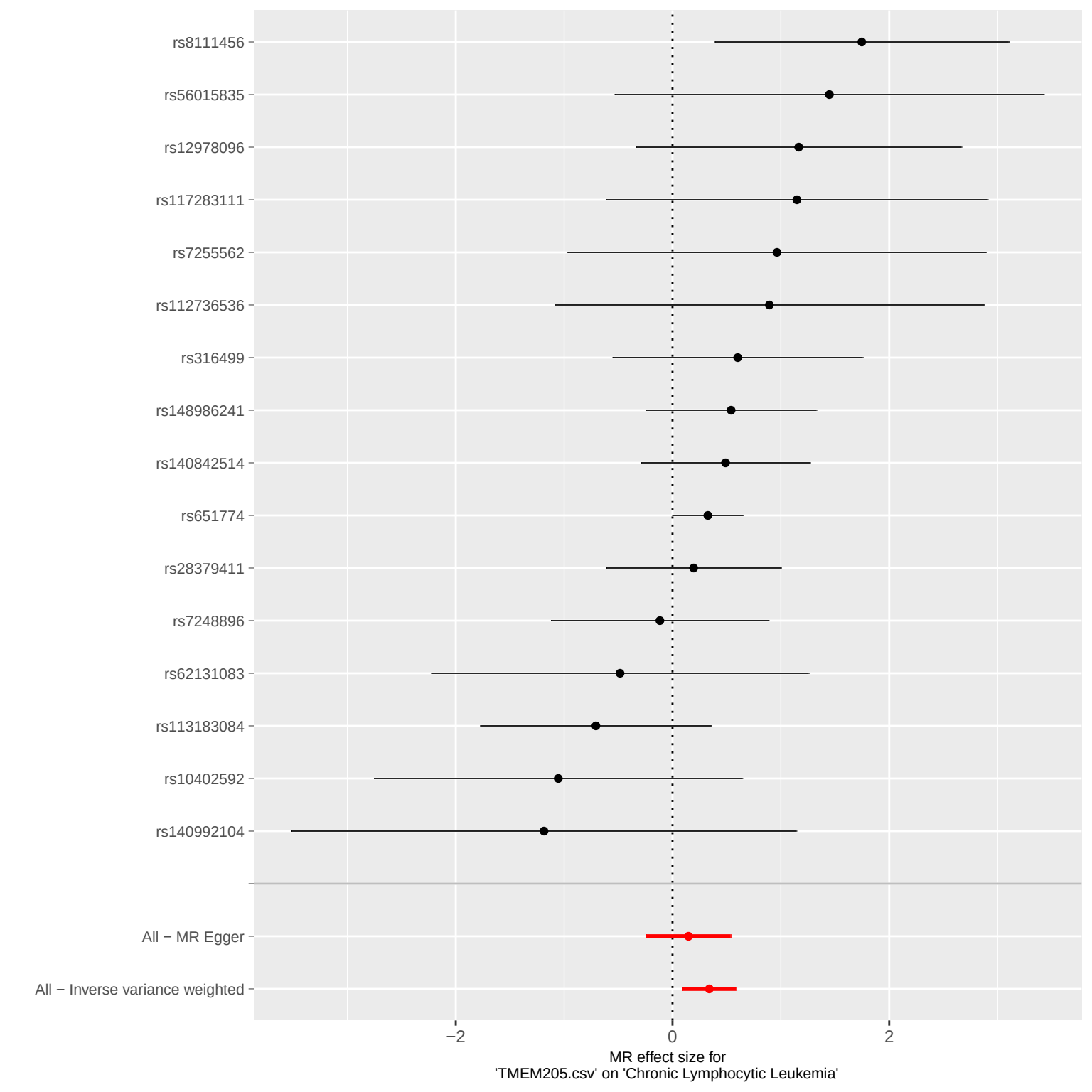
MR effect size for
'TMEM200A.csv' on 'Chronic Lymphocytic Leukemia'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rs28379411
rs7248896
rs62131083
rs113183084
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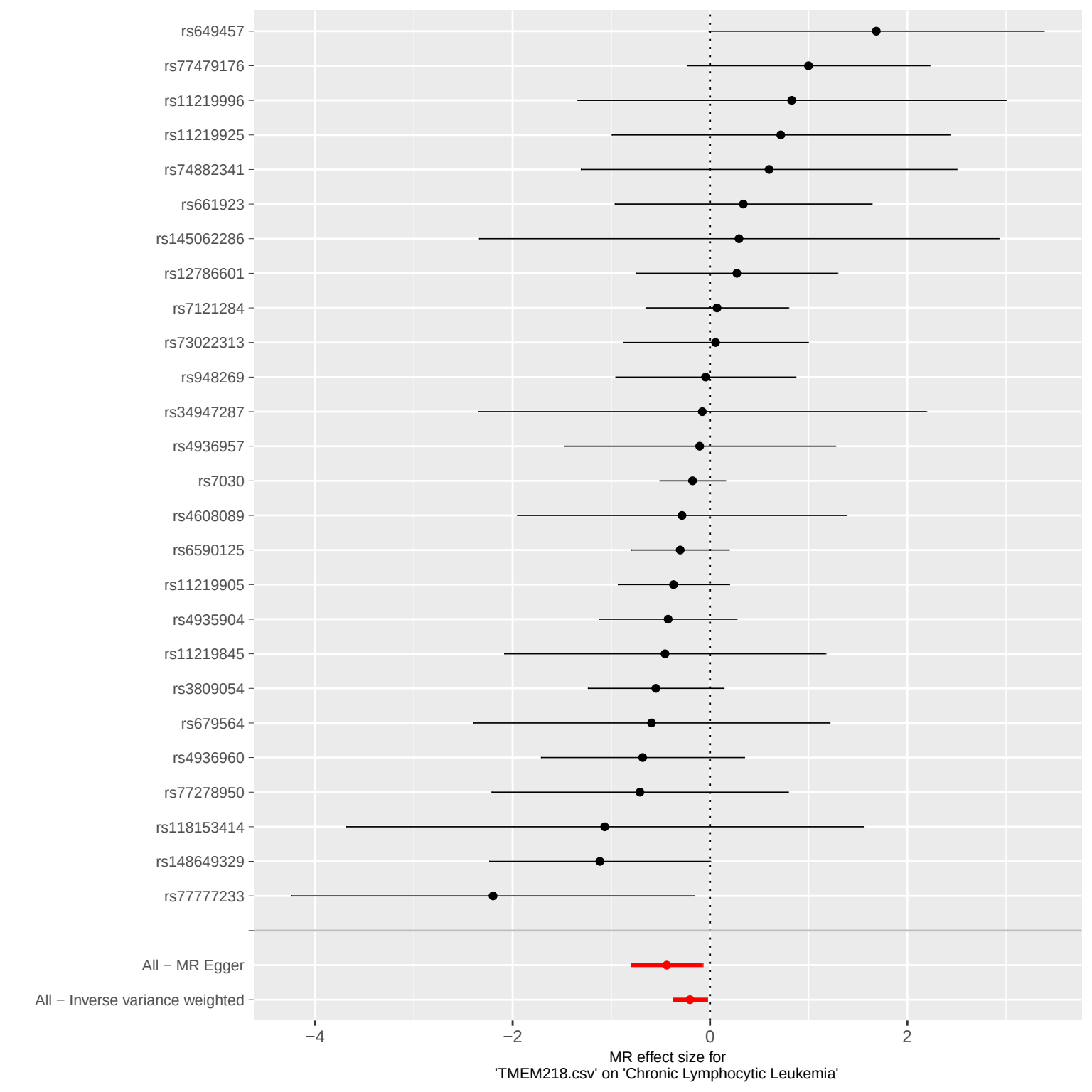
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TMEM205.csv' on 'Chronic Lymphocytic Leukemia'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rs11219845
rs3809054
rs679564
rs4936960
rs77278950
rs118153414
rs148649329
rs77777233
All − MR Egger
All − Inverse variance weighted
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−2
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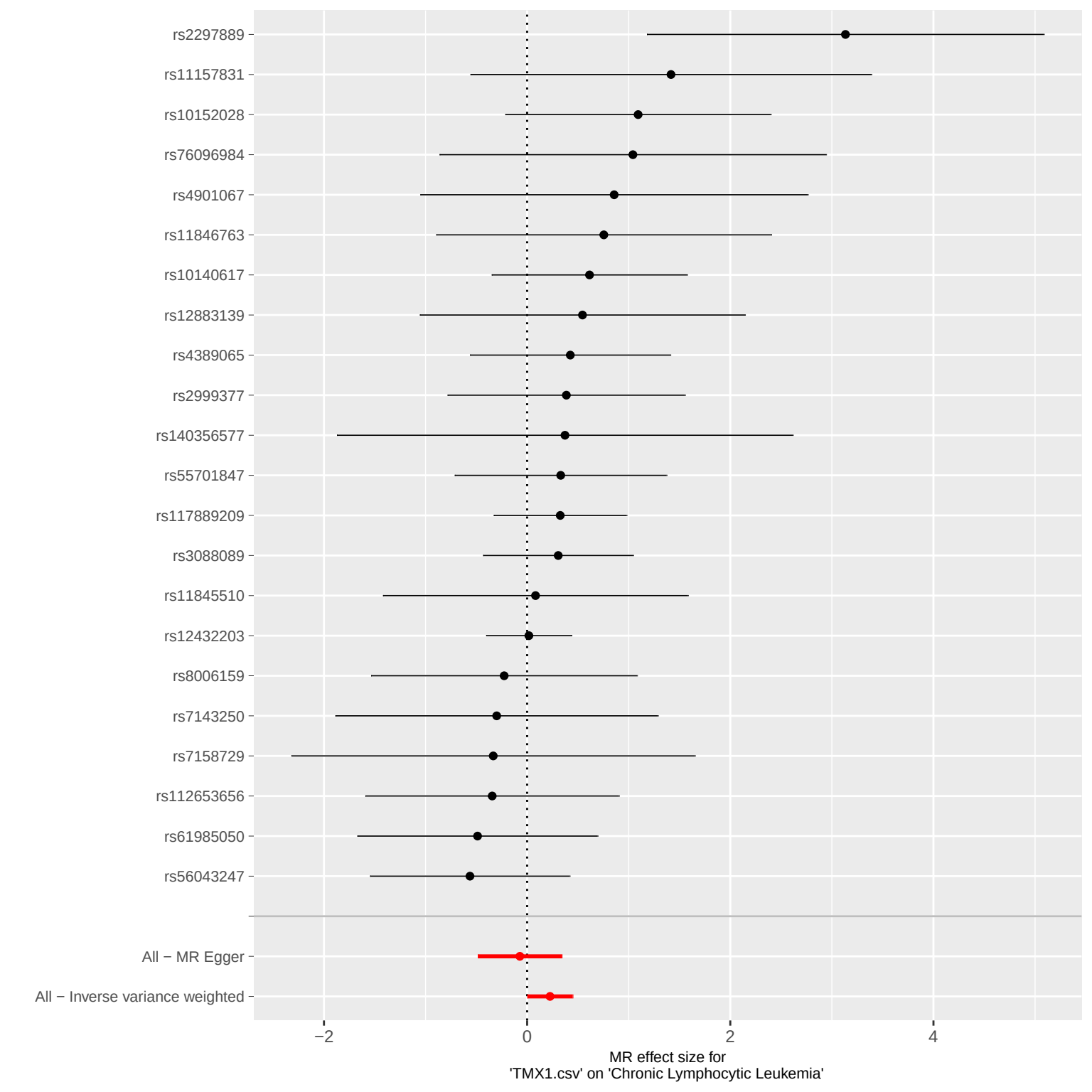
2
MR effect size for
'TMEM218.csv' on 'Chronic Lymphocytic Leukemia'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rs12432203
rs8006159
rs7143250
rs7158729
rs112653656
rs61985050
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All − MR Egger
All − Inverse variance weighted
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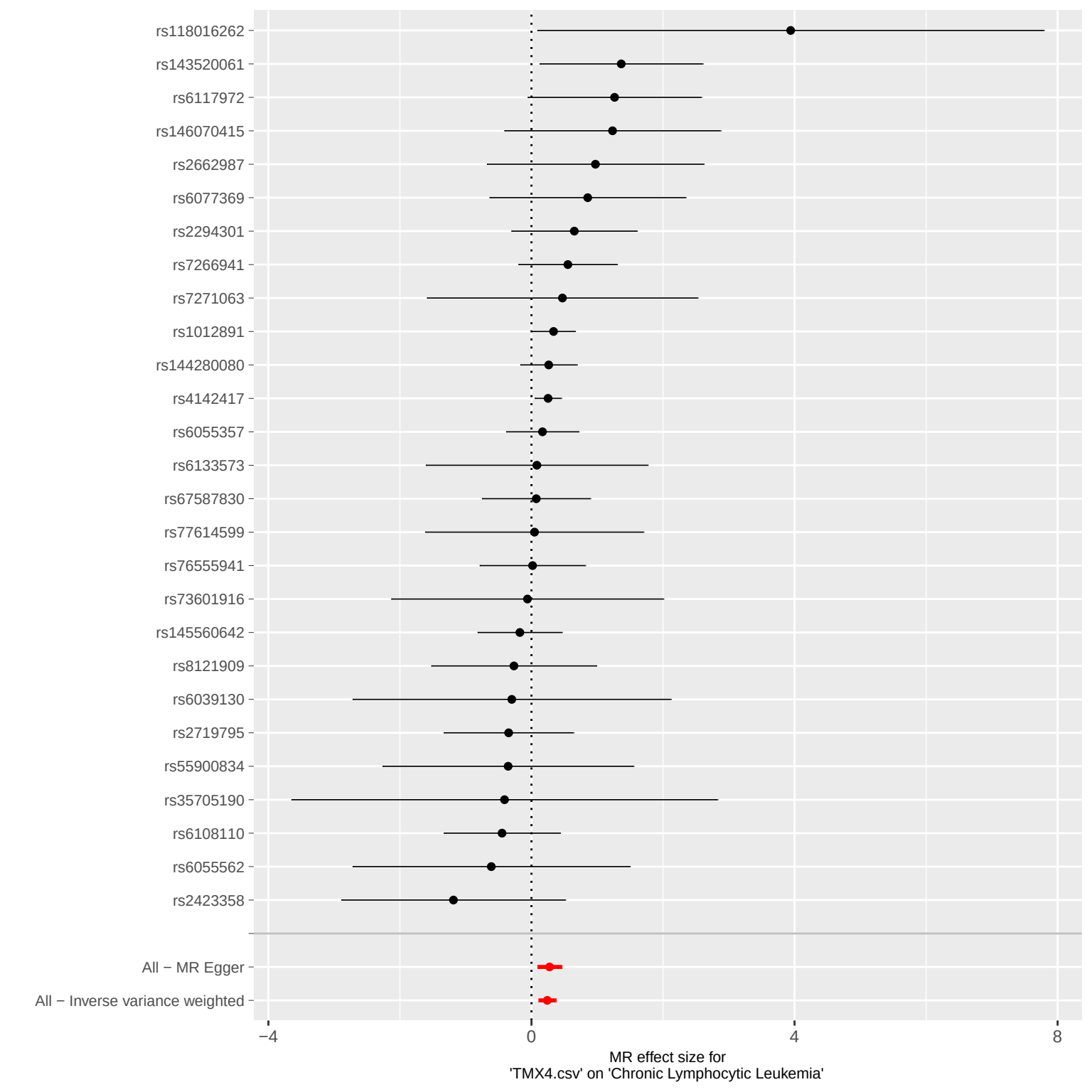
2
4
MR effect size for
'TMX1.csv' on 'Chronic Lymphocytic Leukemia'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rs55900834
rs35705190
rs6108110
rs6055562
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All − MR Egger
All − Inverse variance weighted
−4
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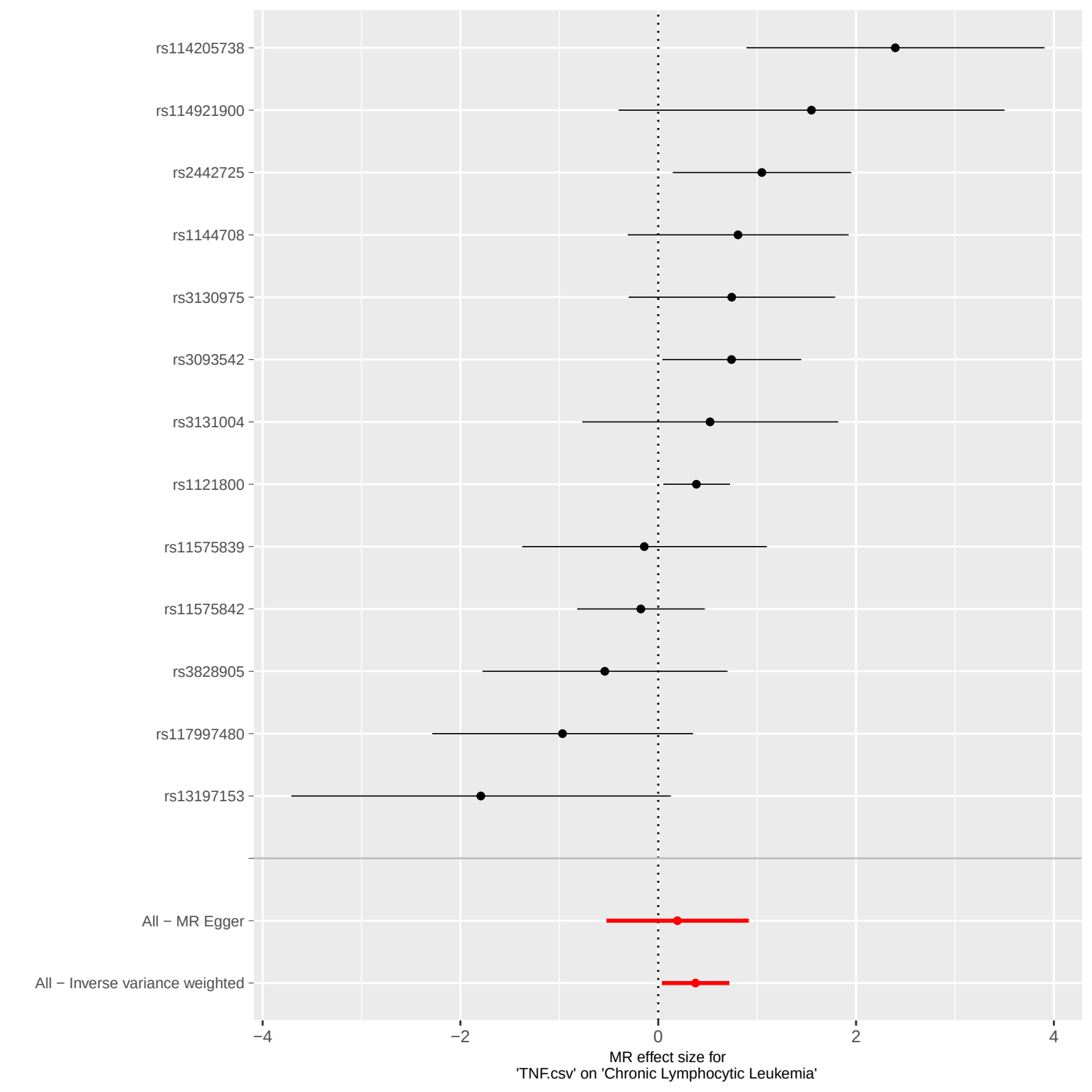
8
MR effect size for
'TMX4.csv' on 'Chronic Lymphocytic Leukemia'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rs3130975
rs3093542
rs3131004
rs1121800
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rs3828905
rs117997480
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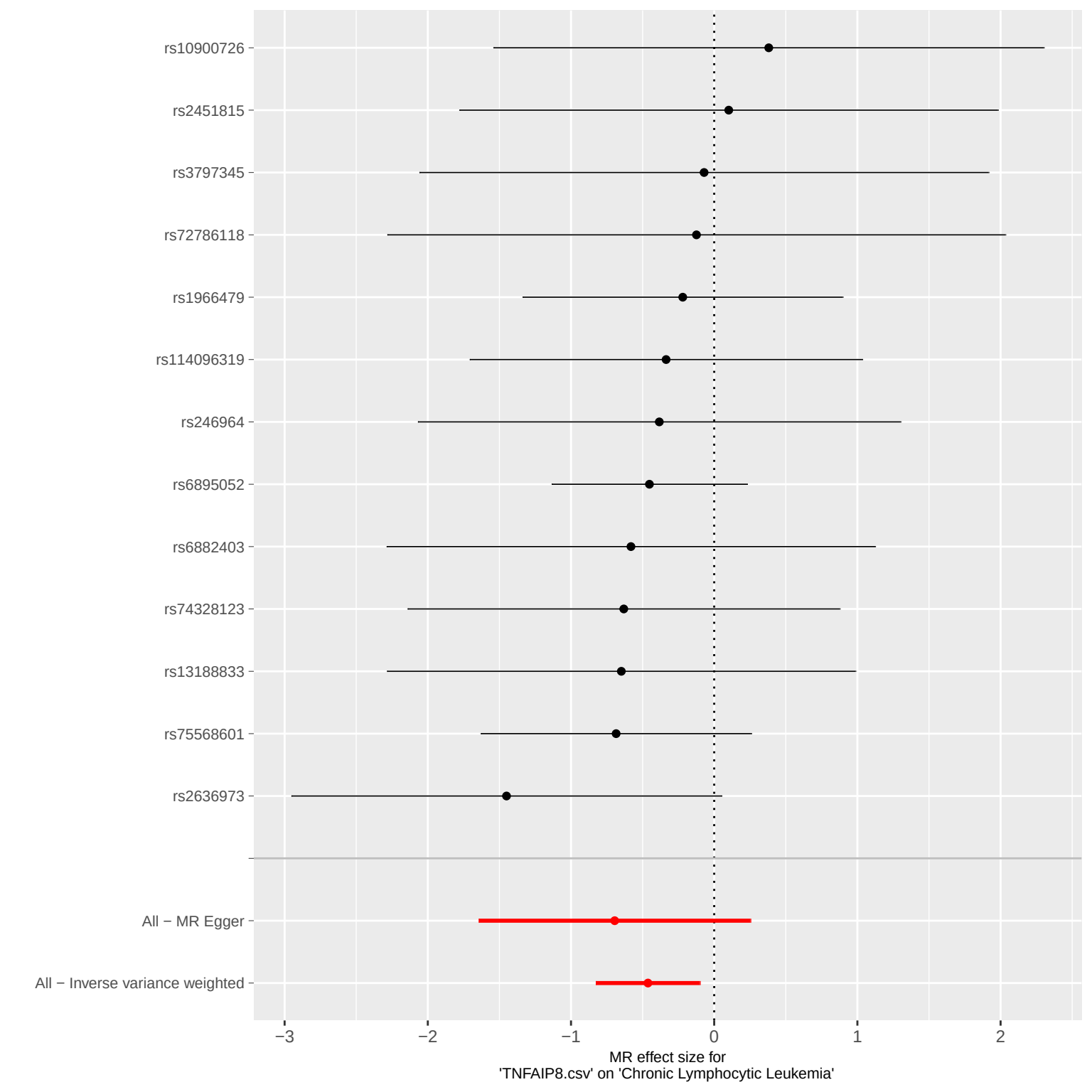
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'TNF.csv' on 'Chronic Lymphocytic Leukemia'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rs246964
rs6895052
rs6882403
rs74328123
rs13188833
rs75568601
rs2636973
All − MR Egger
All − Inverse variance weighted
−3
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−1
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1
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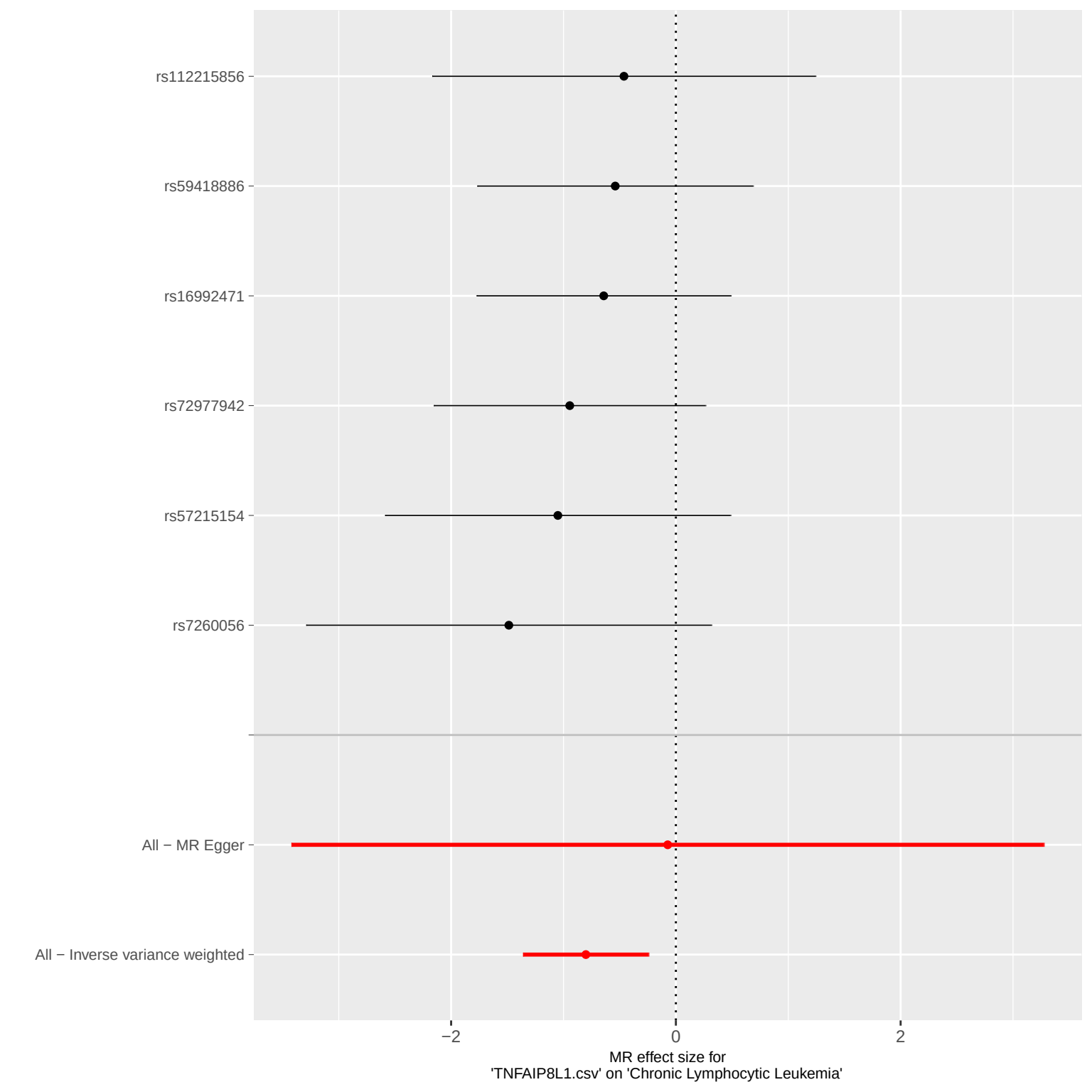
MR effect size for
'TNFAIP8.csv' on 'Chronic Lymphocytic Leukemia'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rs16992471
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All − Inverse variance weighted
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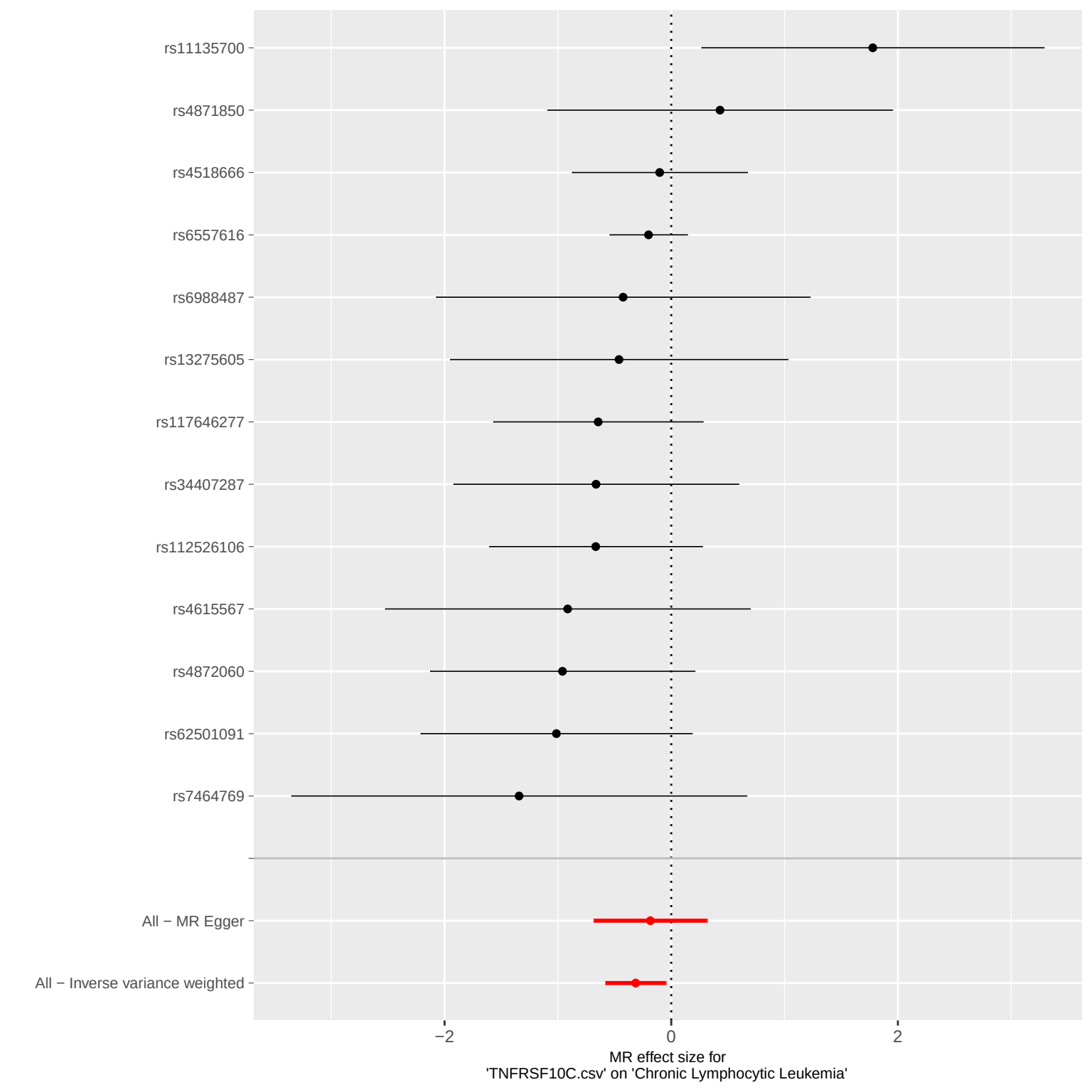
MR effect size for
'TNFAIP8L1.csv' on 'Chronic Lymphocytic Leukemia'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rs4872060
rs62501091
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All − MR Egger
All − Inverse variance weighted
−2
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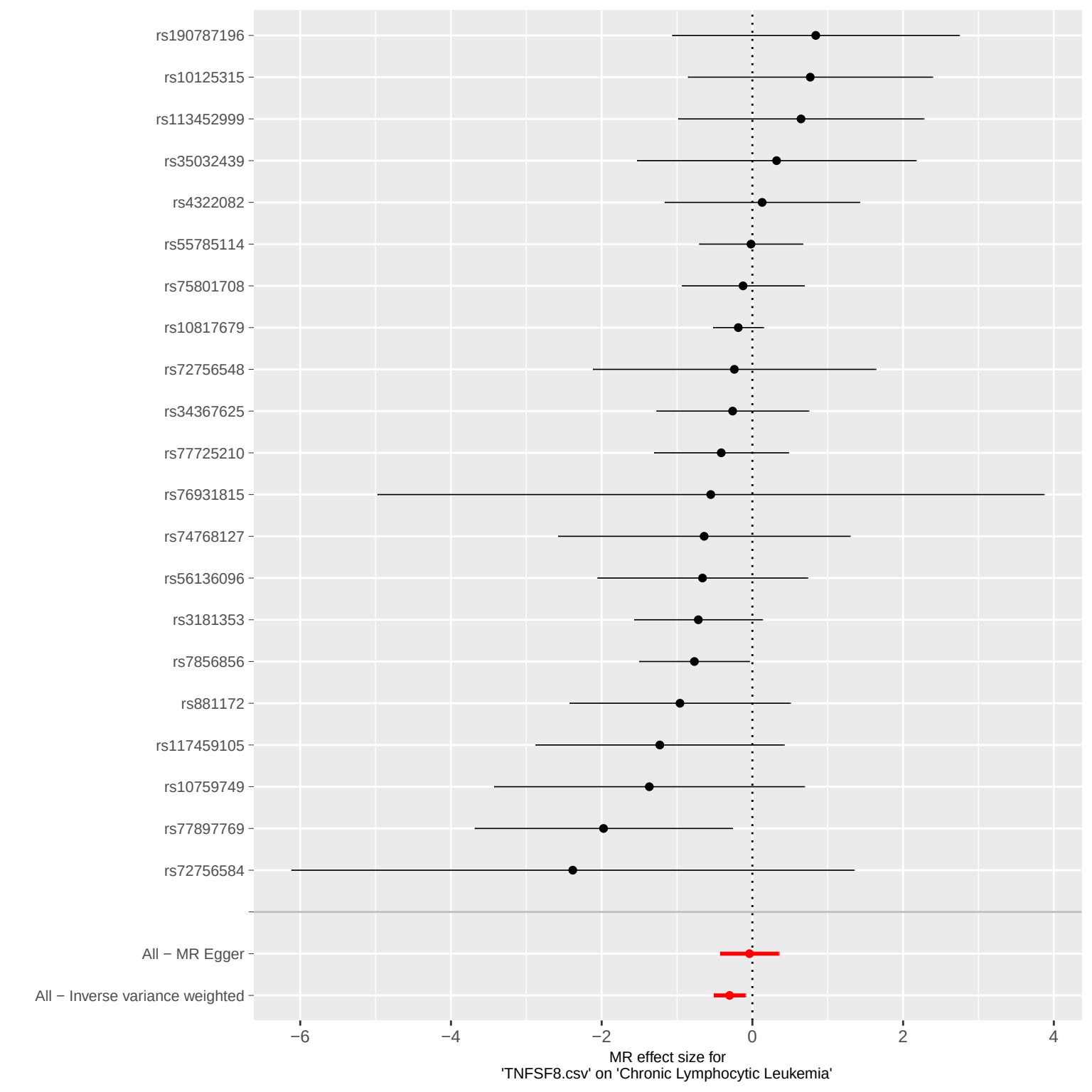
MR effect size for
'TNFRSF10C.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−4
−2
0
2
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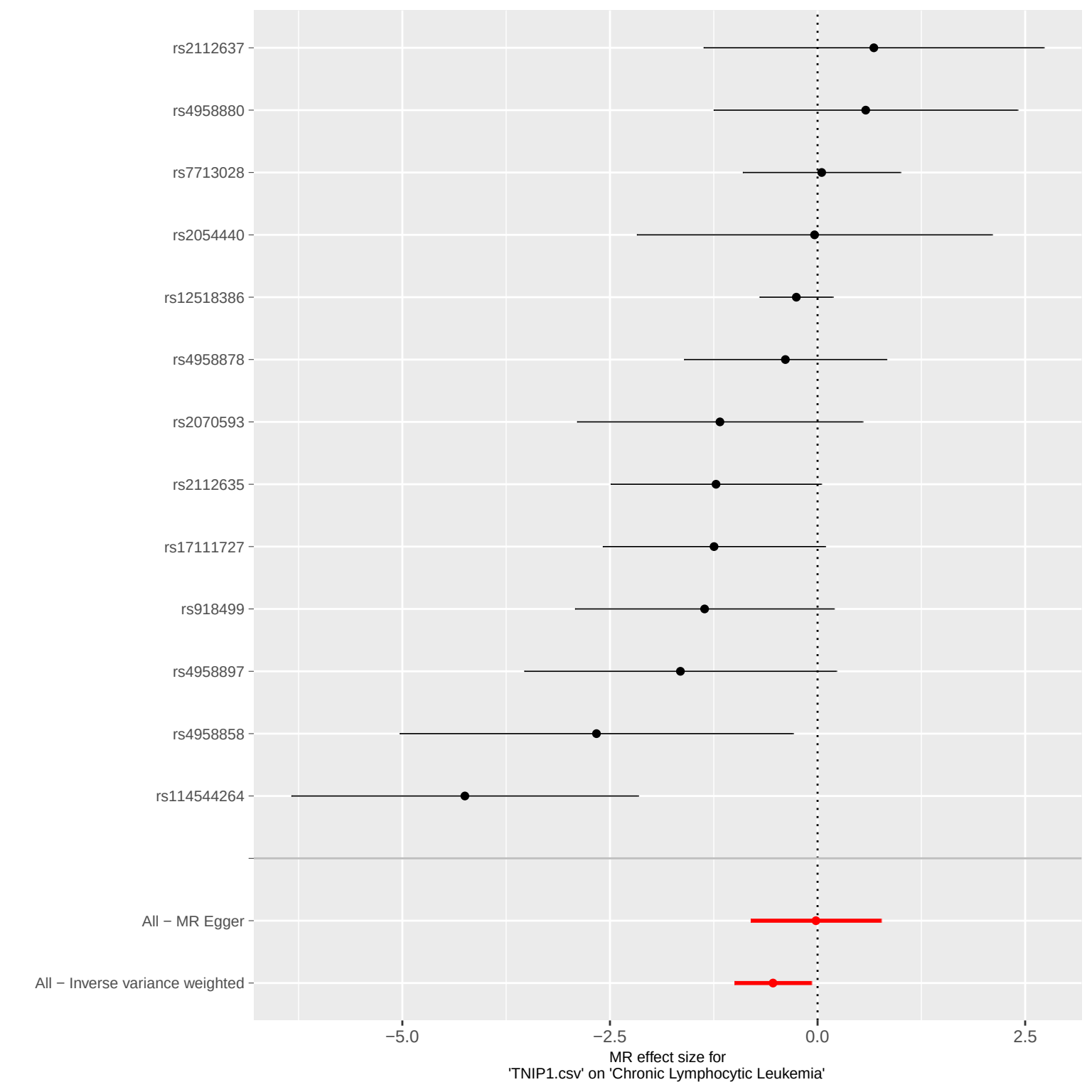
MR effect size for
'TNFSF8.csv' on 'Chronic Lymphocytic Leukemia'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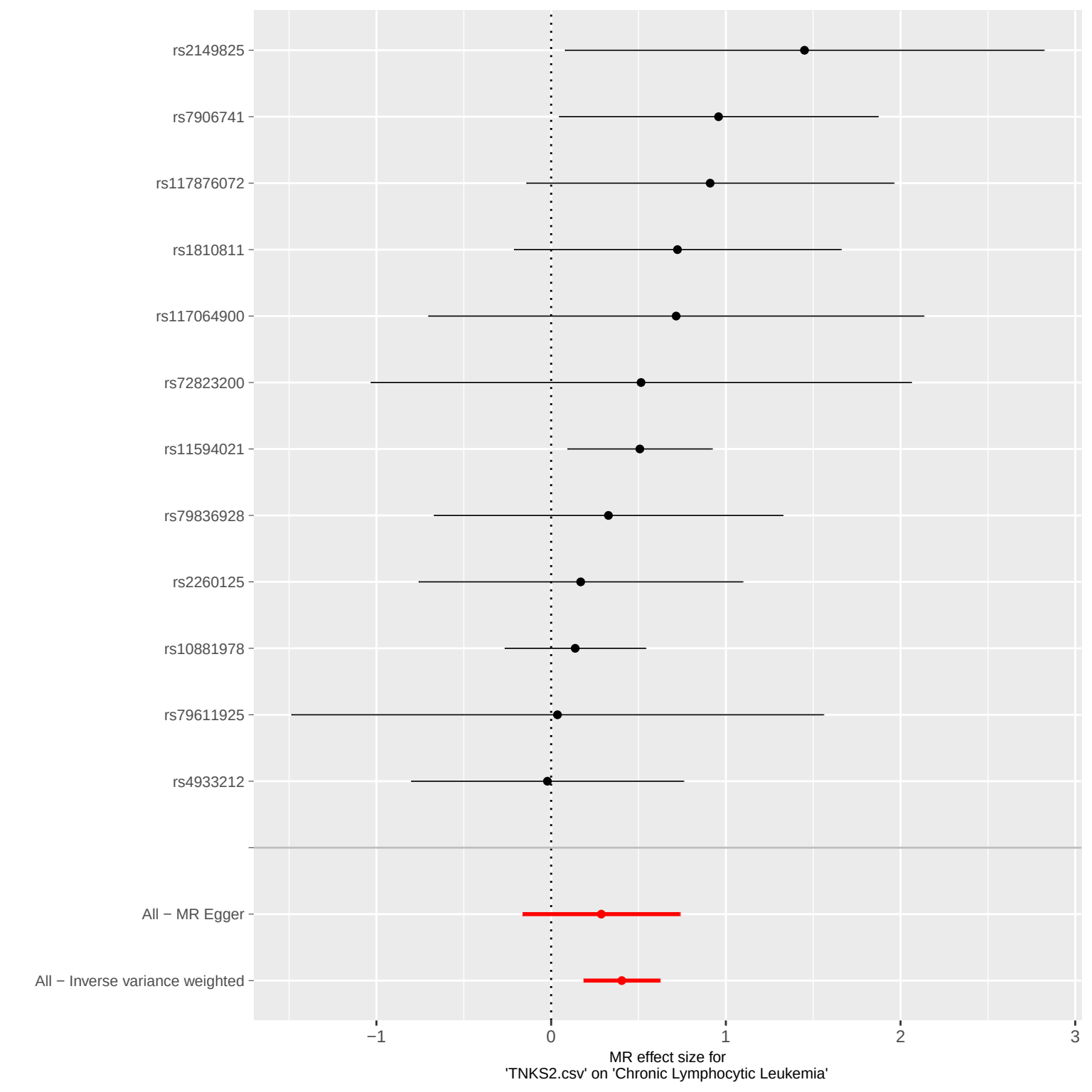
MR effect size for
'TNIP1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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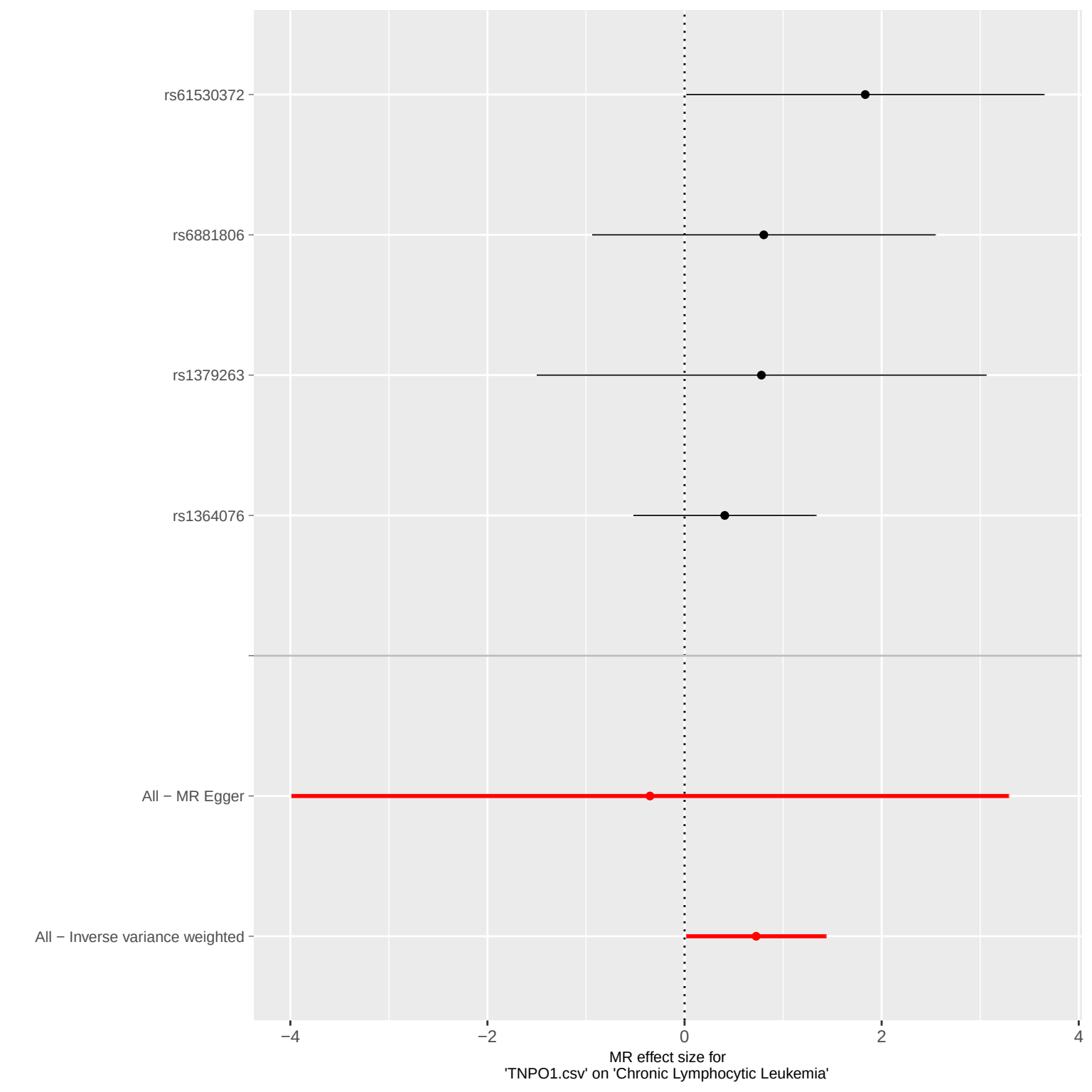
MR effect size for
'TNKS2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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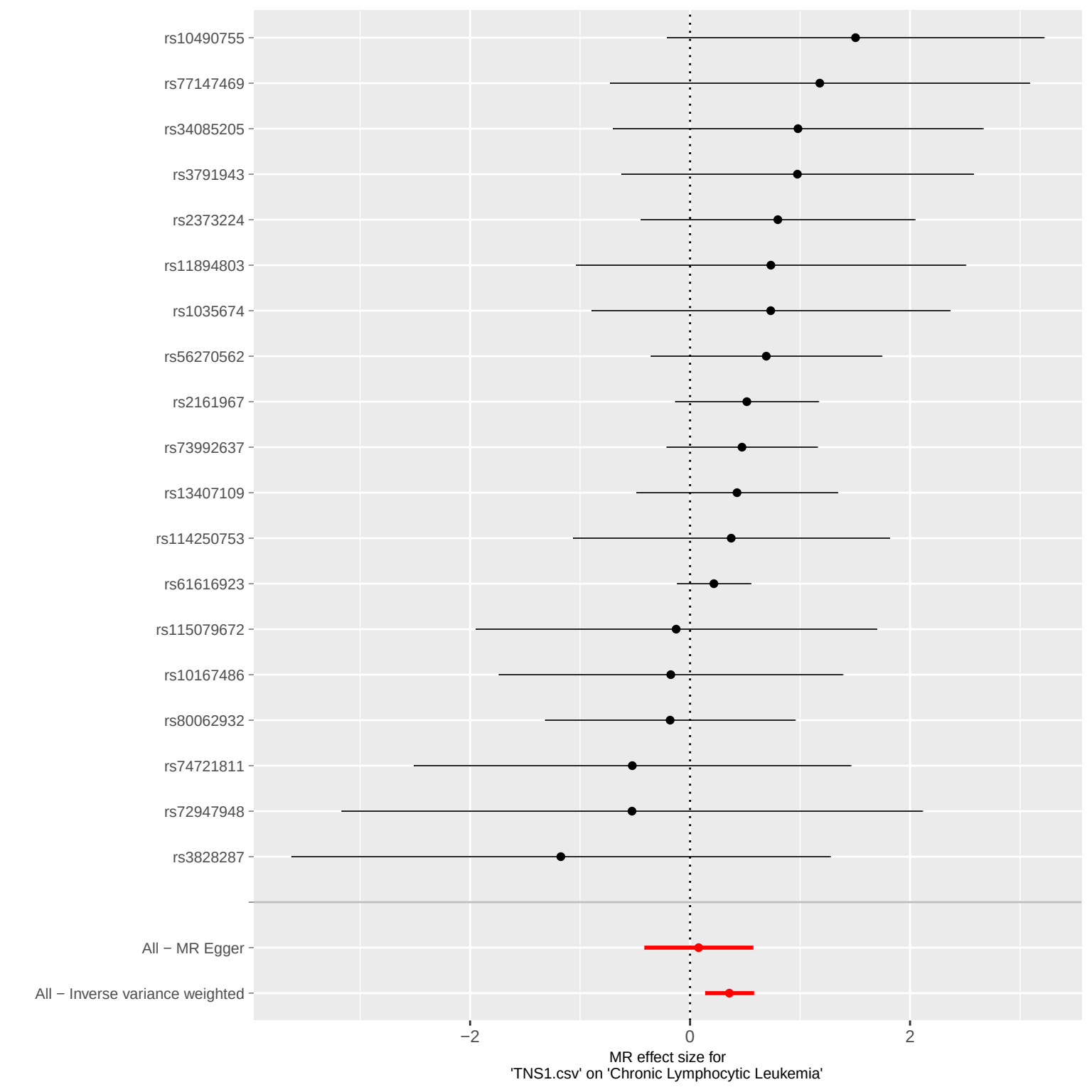
MR effect size for
'TNPO1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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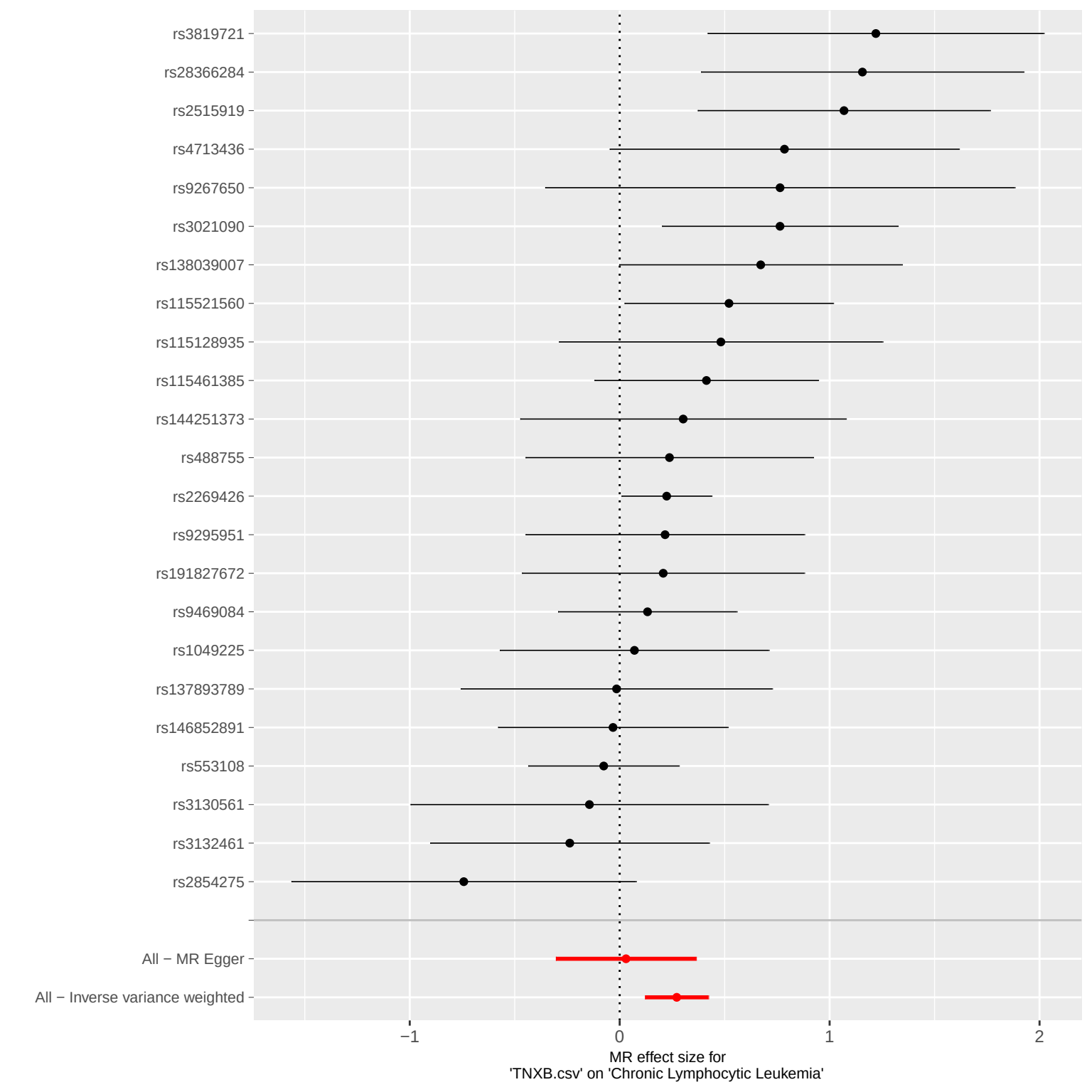
MR effect size for
'TNS1.csv' on 'Chronic Lymphocytic Leukemia'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MR effect size for
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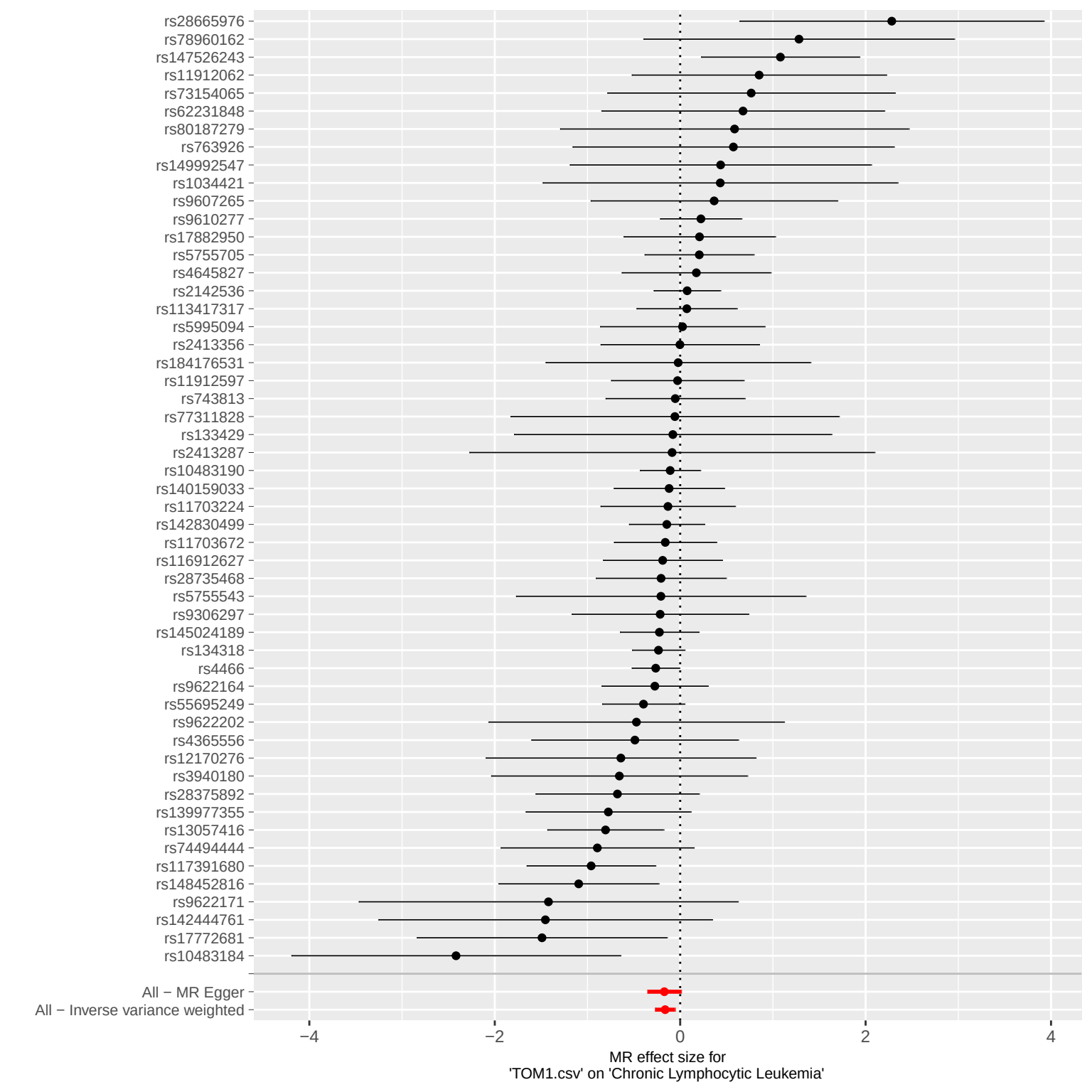
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All − MR Egger
All − Inverse variance weighted
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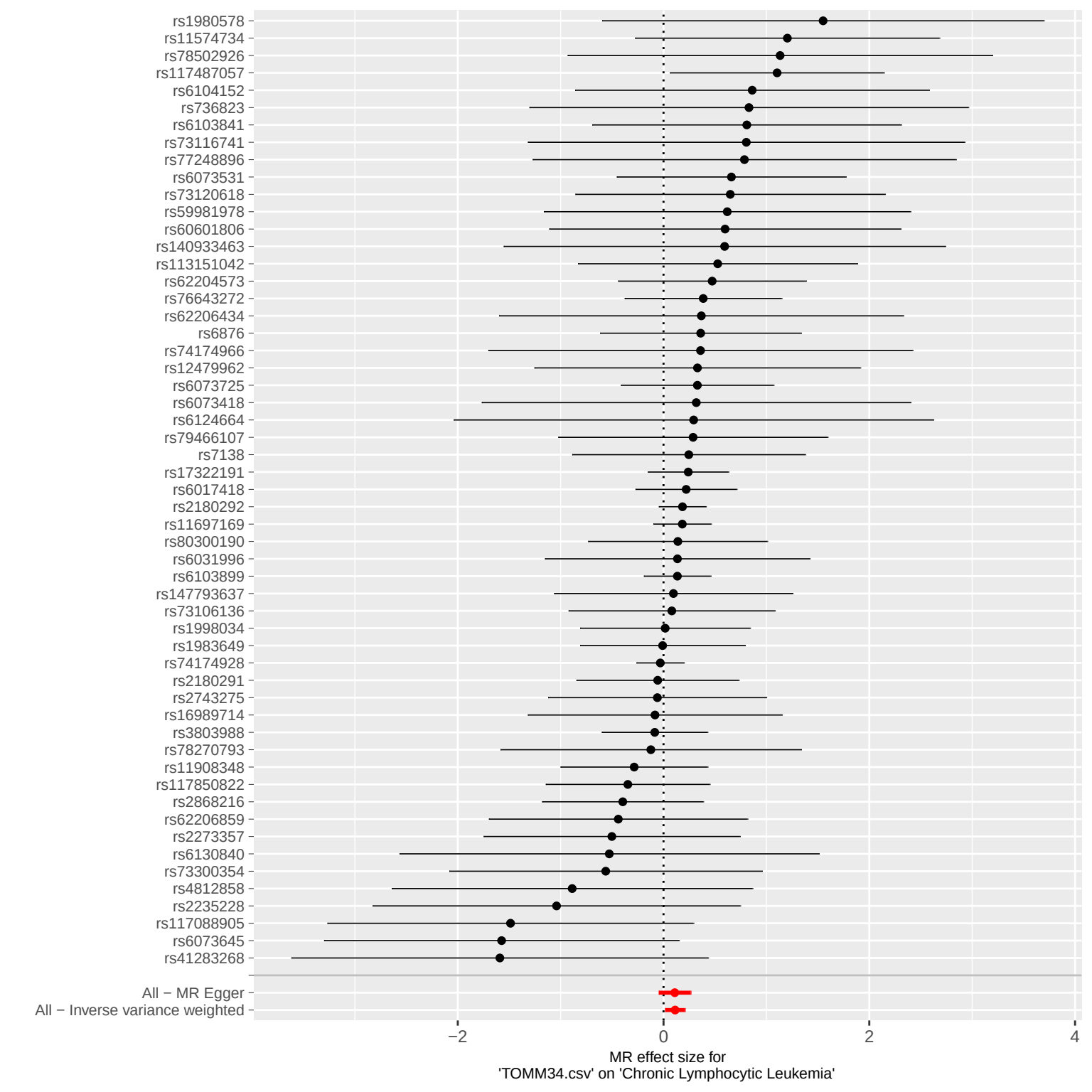
MR effect size for
'TOM1.csv' on 'Chronic Lymphocytic Leukemia'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rs73300354
rs4812858
rs2235228
rs117088905
rs6073645
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All − MR Egger
All − Inverse variance weighted
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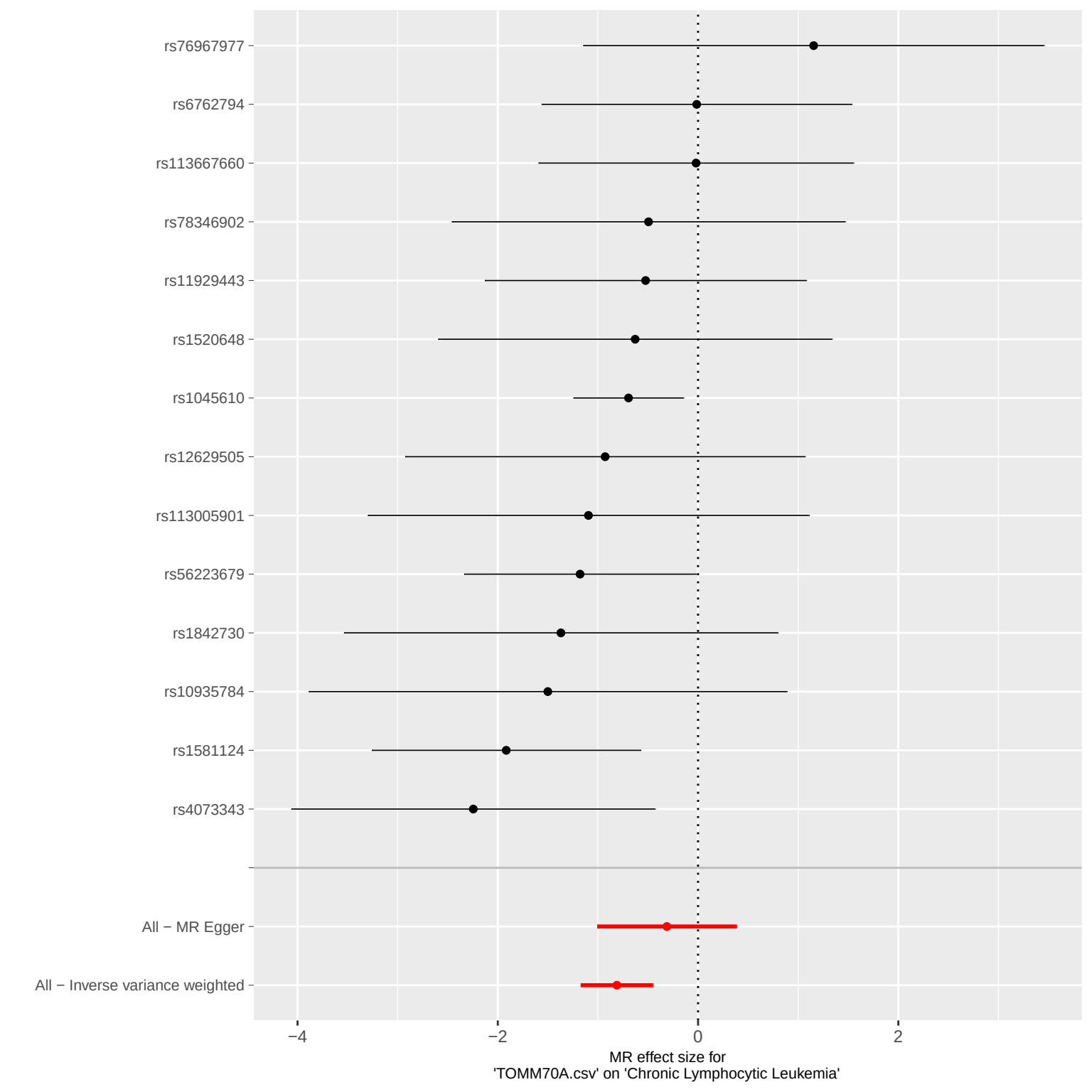
2
4
MR effect size for
'TOMM34.csv' on 'Chronic Lymphocytic Leukemia'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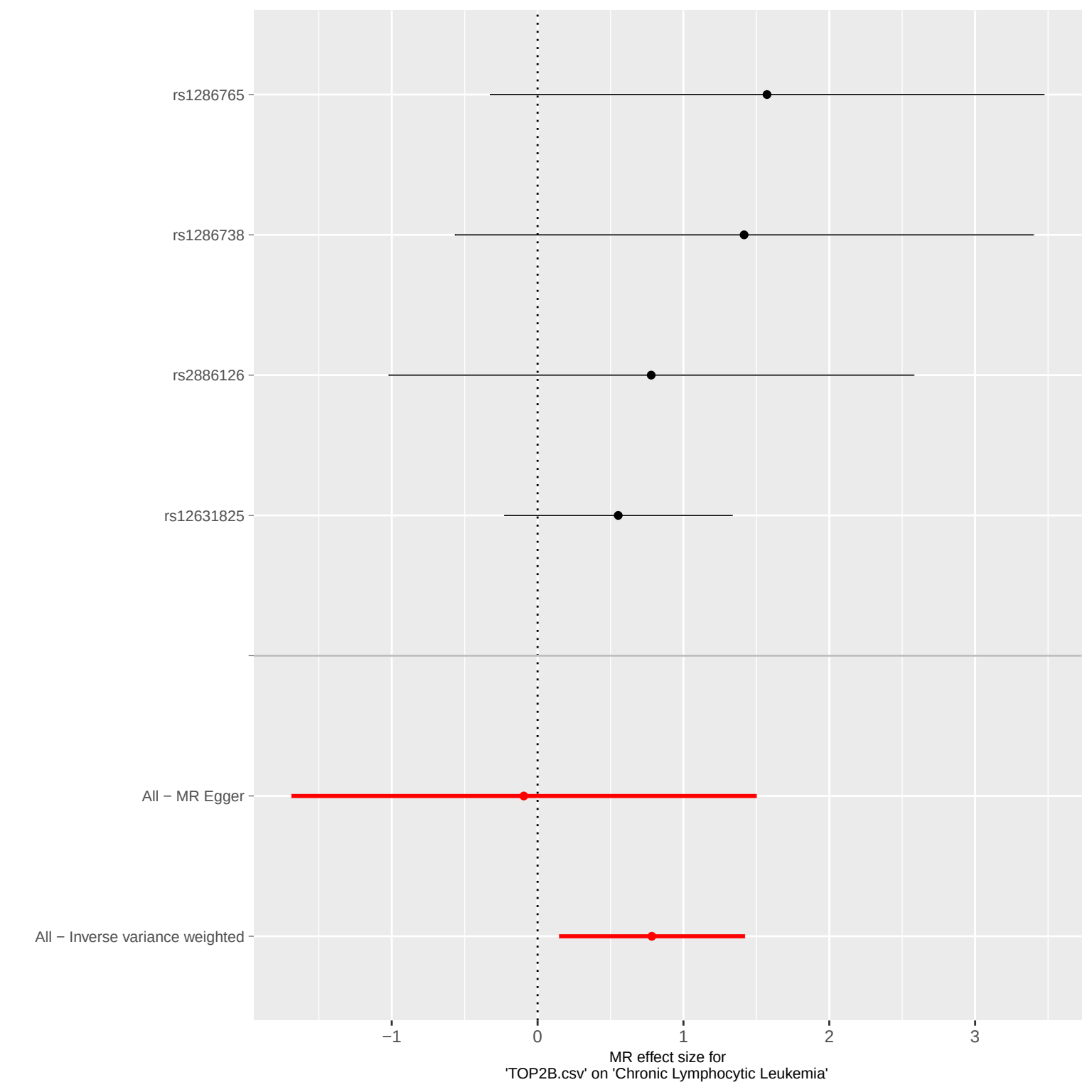
rs56223679
rs1842730
rs10935784
rs1581124
rs4073343
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TOMM70A.csv' on 'Chronic Lymphocytic Leukemia'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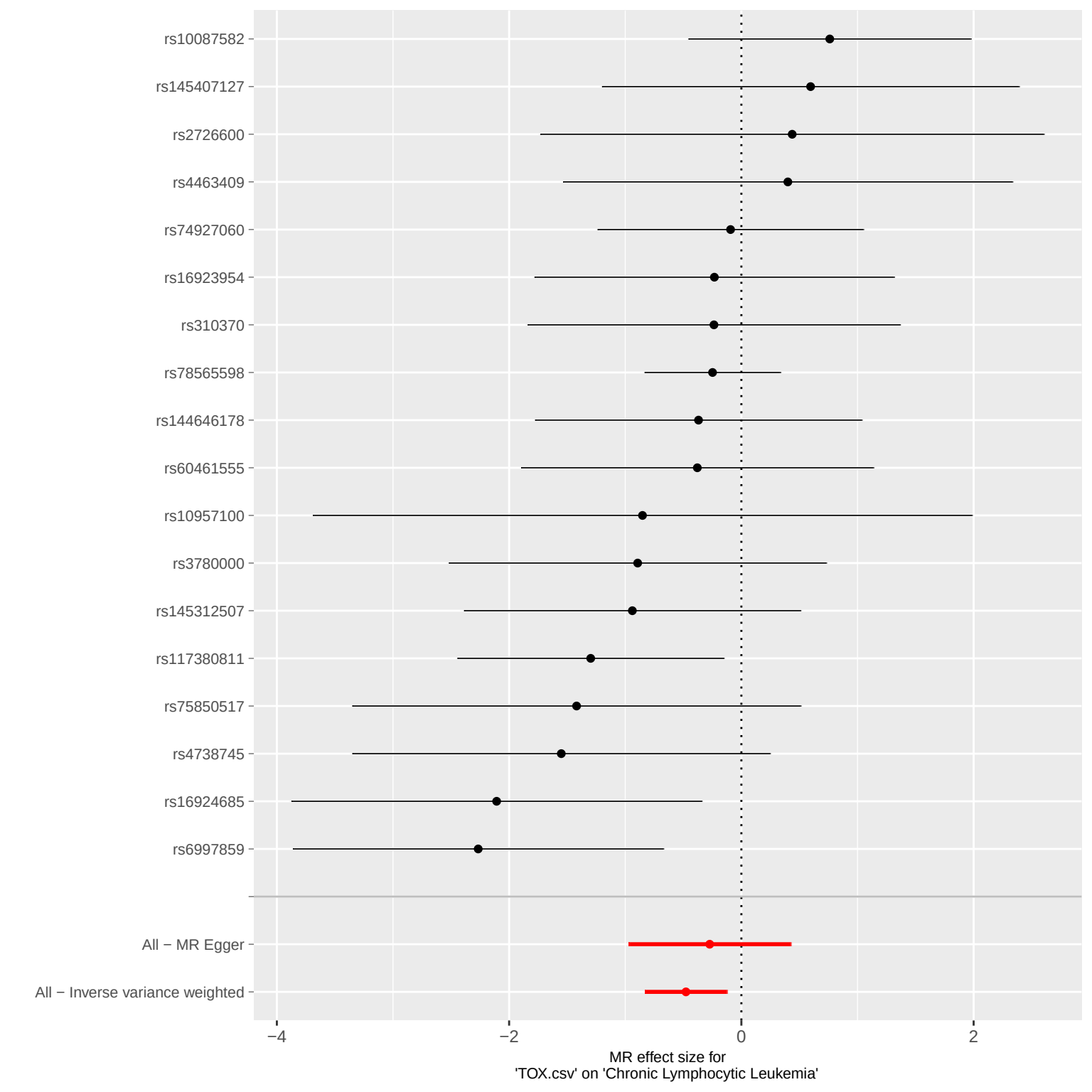
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'TOP2B.csv' on 'Chronic Lymphocytic Leukemia'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rs10957100
rs3780000
rs145312507
rs117380811
rs75850517
rs4738745
rs16924685
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All − MR Egger
All − Inverse variance weighted
−4
−2
0
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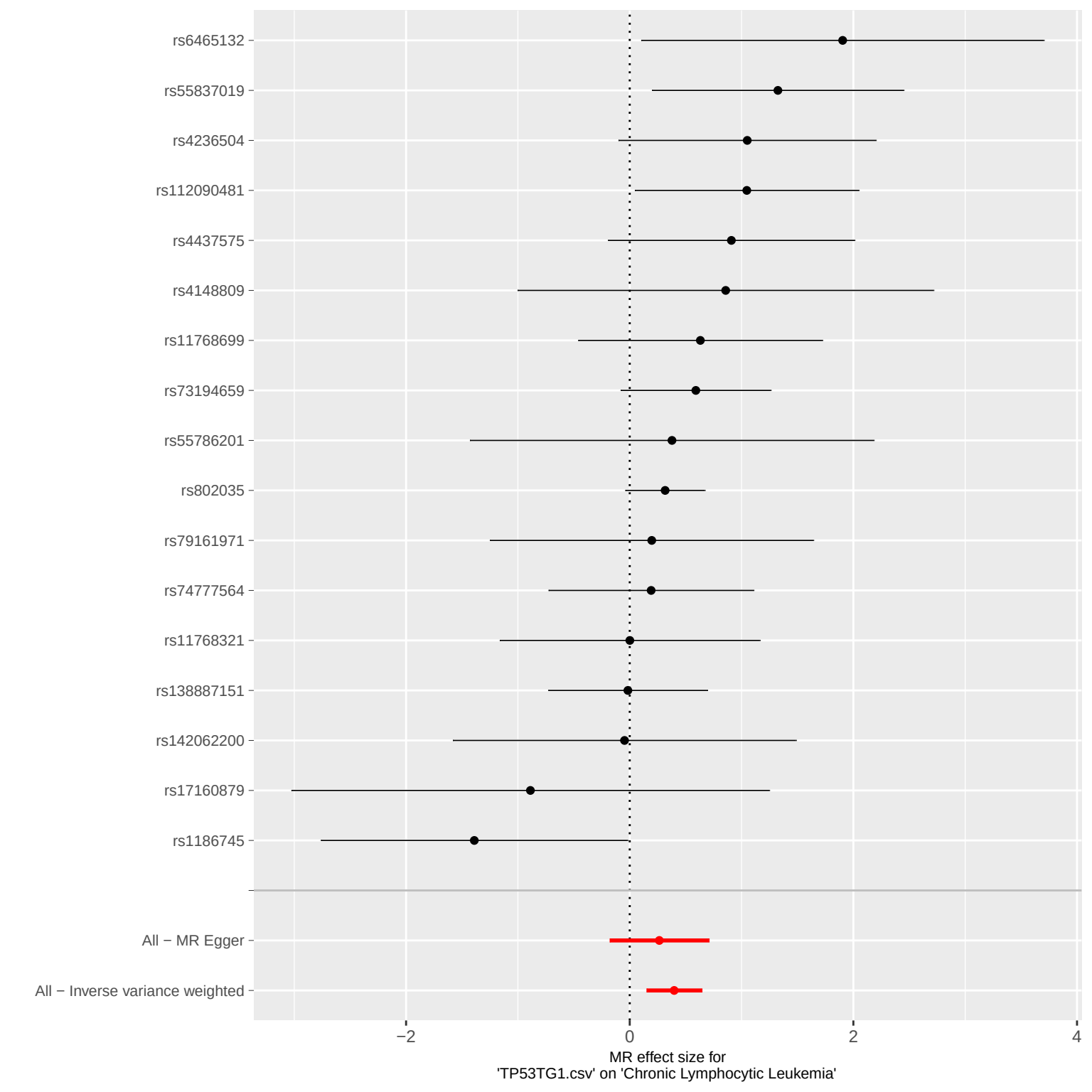
MR effect size for
'TOX.csv' on 'Chronic Lymphocytic Leukemia'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rs55786201
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rs79161971
rs74777564
rs11768321
rs138887151
rs142062200
rs17160879
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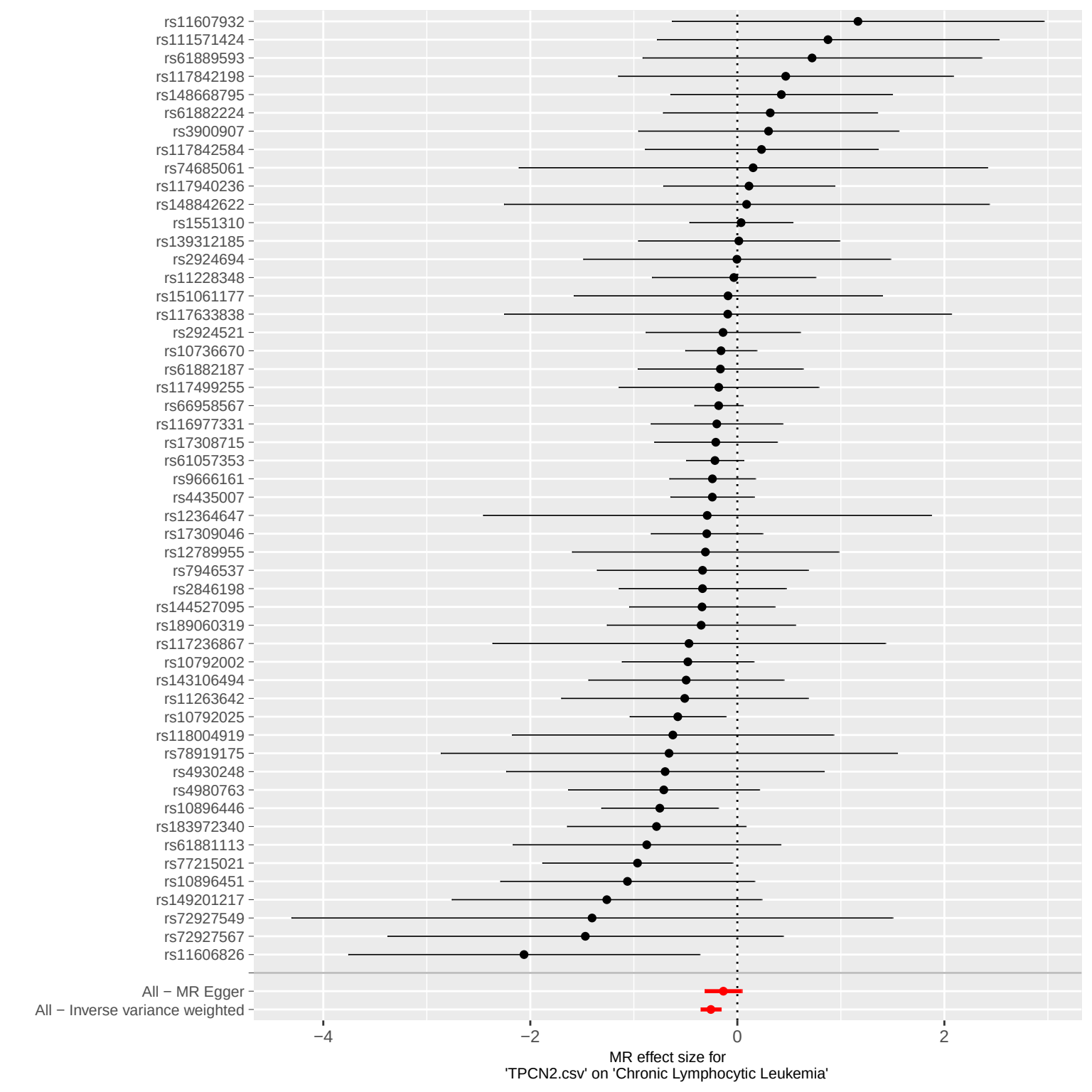
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TP53TG1.csv' on 'Chronic Lymphocytic Leukemia'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rs4980763
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rs183972340
rs61881113
rs77215021
rs10896451
rs149201217
rs72927549
rs72927567
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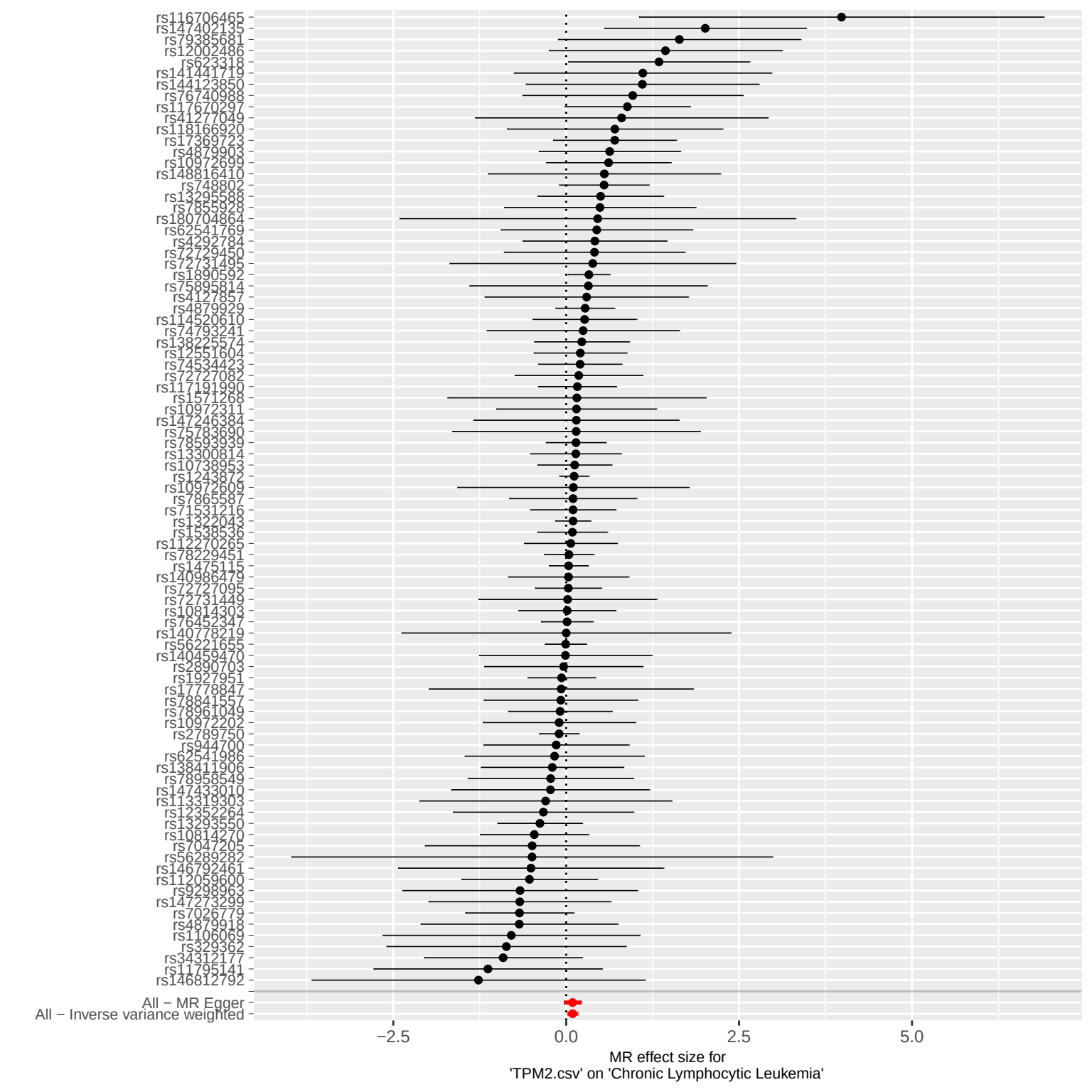
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TPCN2.csv' on 'Chronic Lymphocytic Leukemia'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rs118166920
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rs148816410
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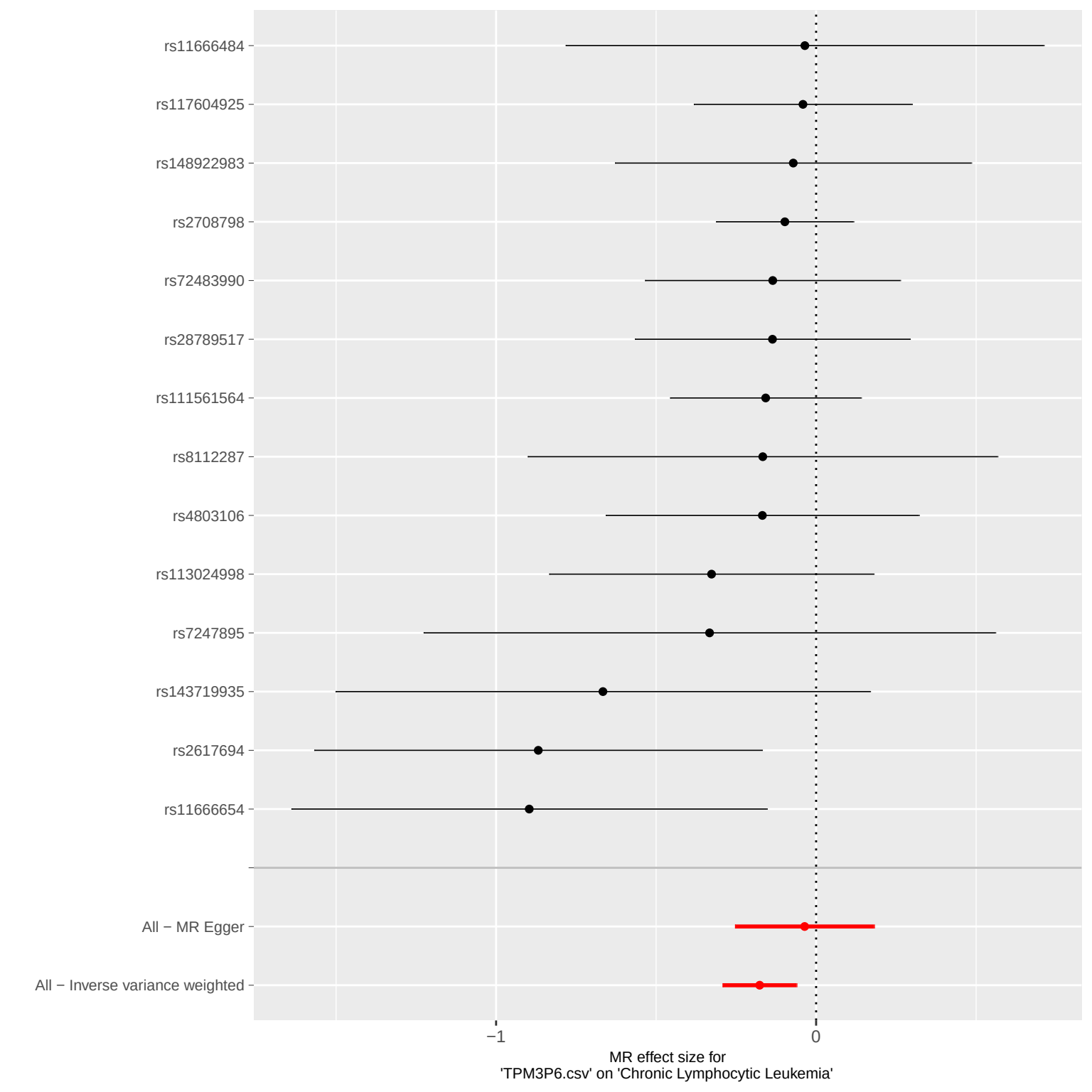
rs9298963
rs147273299
rs7026779
rs4879918
rs1106069
rs329362
rs34312177
rs11795141
rs146812792
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'TPM2.csv' on 'Chronic Lymphocytic Leukemia'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rs28789517
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rs113024998
rs7247895
rs143719935
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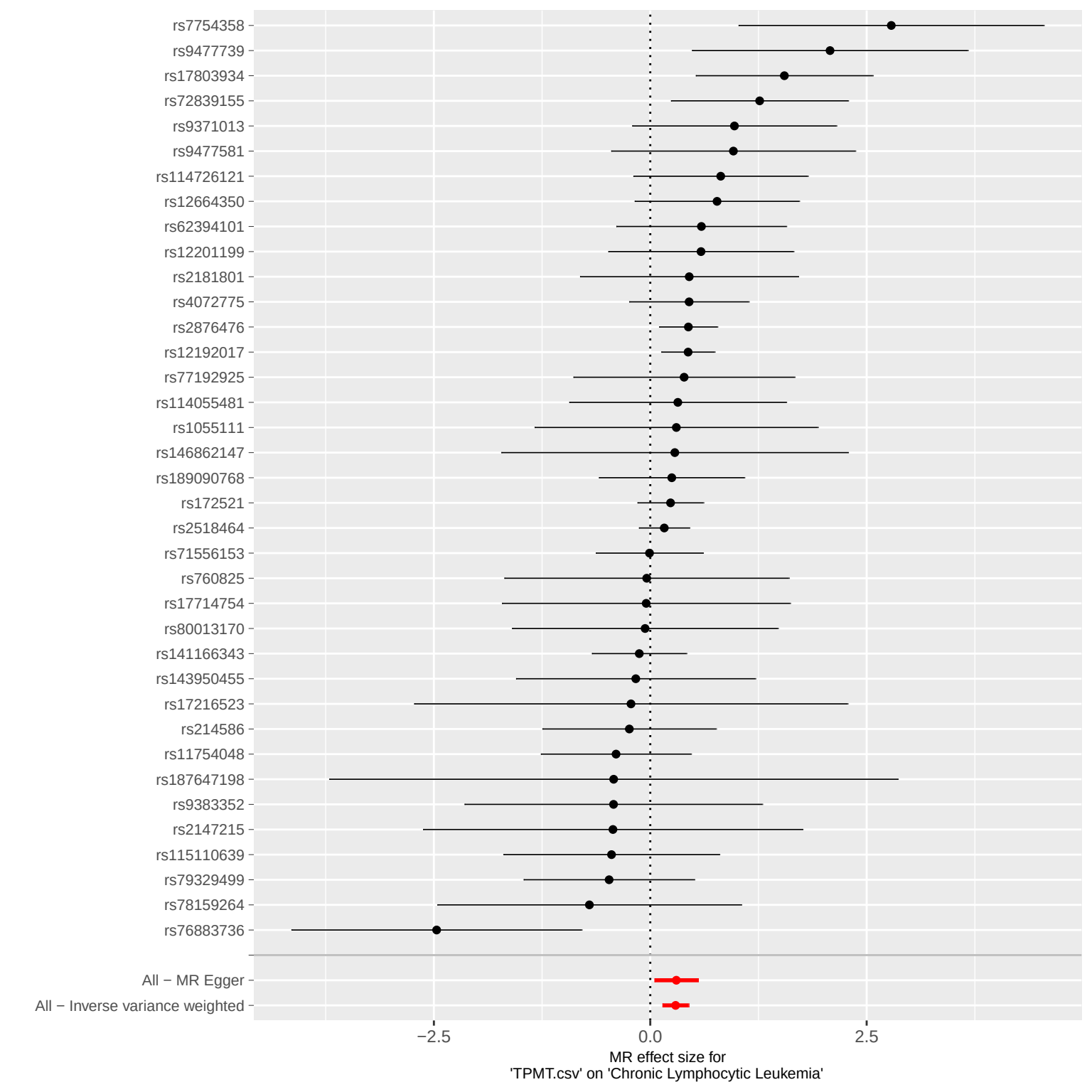
rs11666654
All − MR Egger
All − Inverse variance weighted
−1
0
MR effect size for
'TPM3P6.csv' on 'Chronic Lymphocytic Leukemia'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rs172521
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rs141166343
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rs187647198
rs9383352
rs2147215
rs115110639
rs79329499
rs78159264
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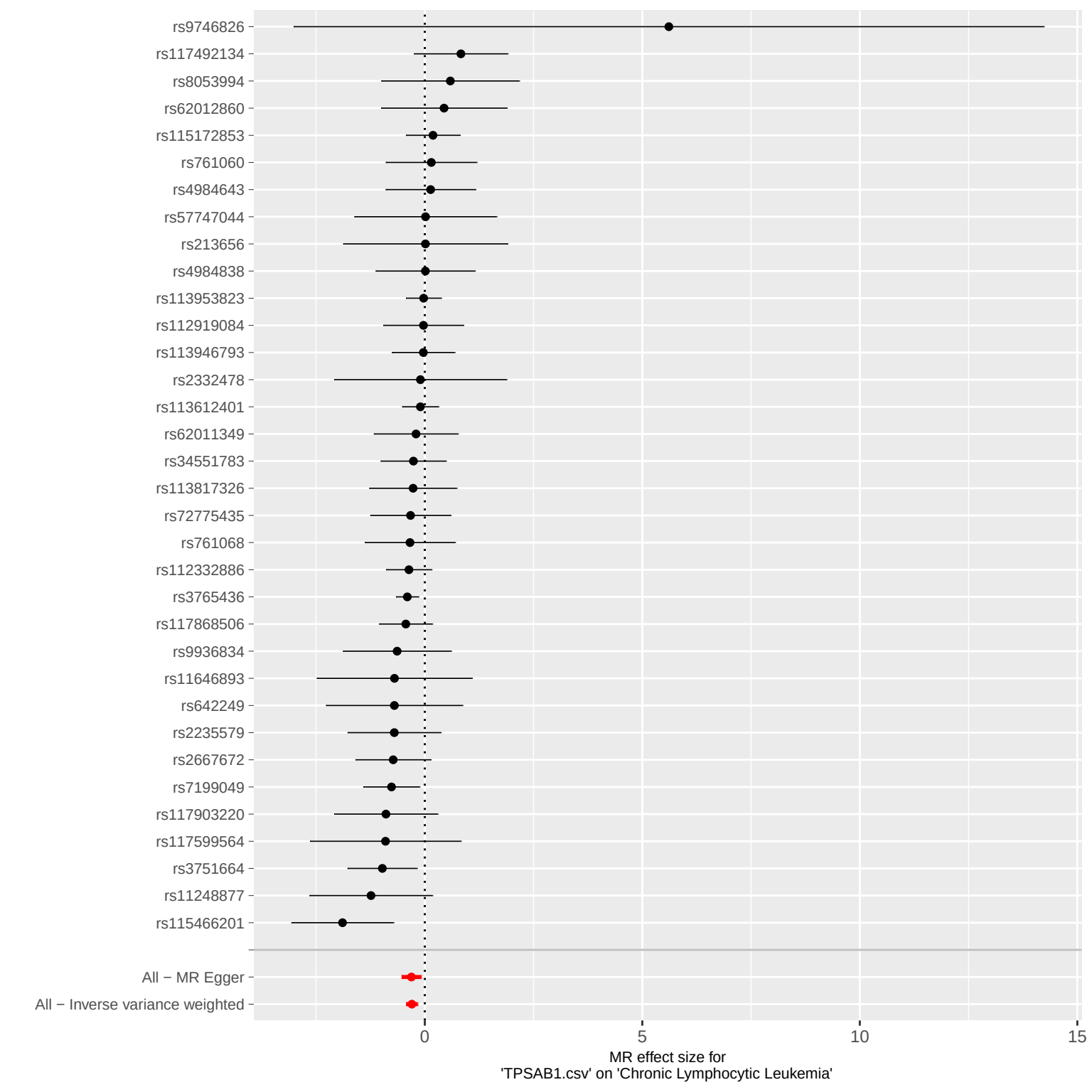
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TPMT.csv' on 'Chronic Lymphocytic Leukemia'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rs34551783
rs113817326
rs72775435
rs761068
rs112332886
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rs2667672
rs7199049
rs117903220
rs117599564
rs3751664
rs11248877
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All − MR Egger
All − Inverse variance weighted
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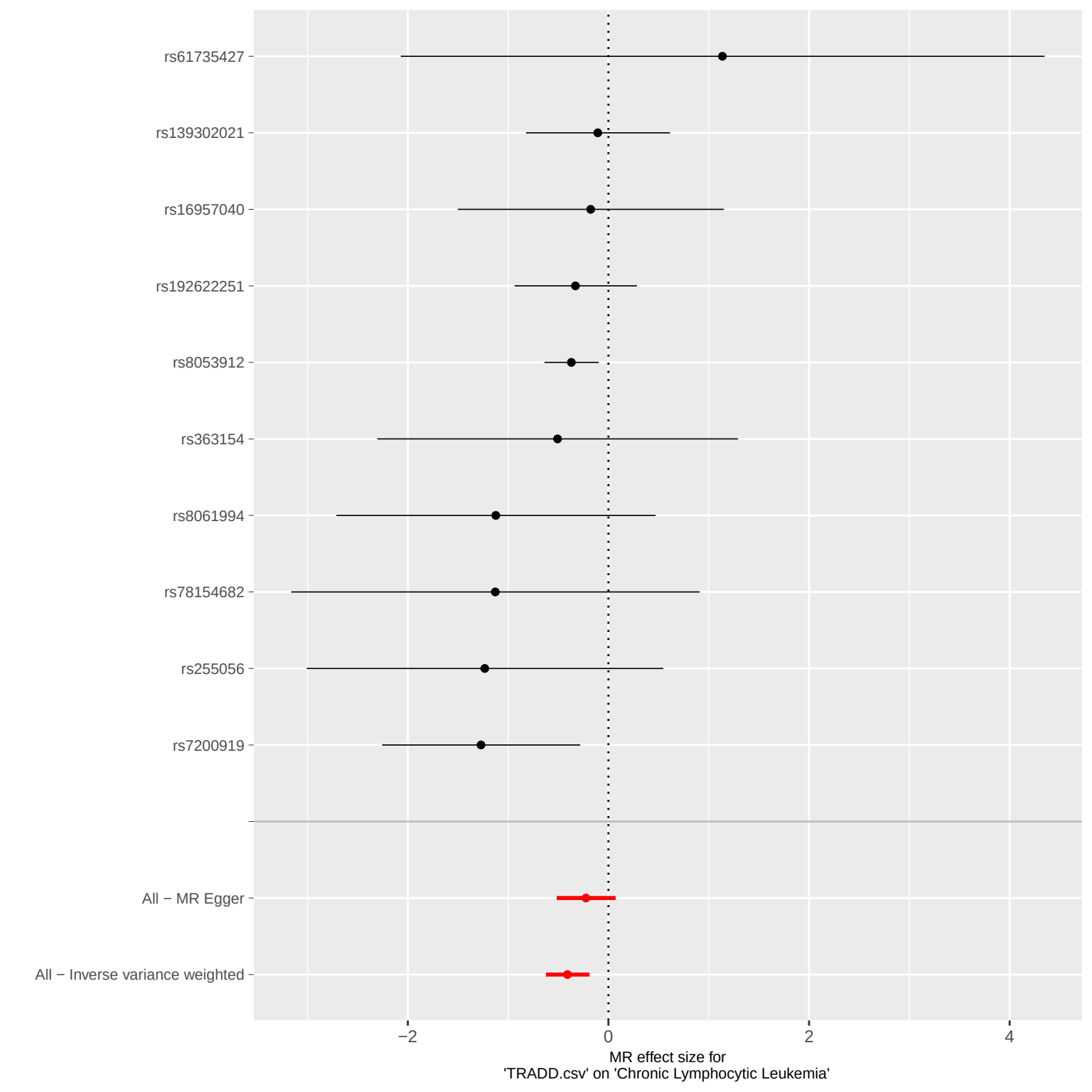
5
10
15
MR effect size for
'TPSAB1.csv' on 'Chronic Lymphocytic Leukemia'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rs78154682
rs255056
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All − MR Egger
All − Inverse variance weighted
−2
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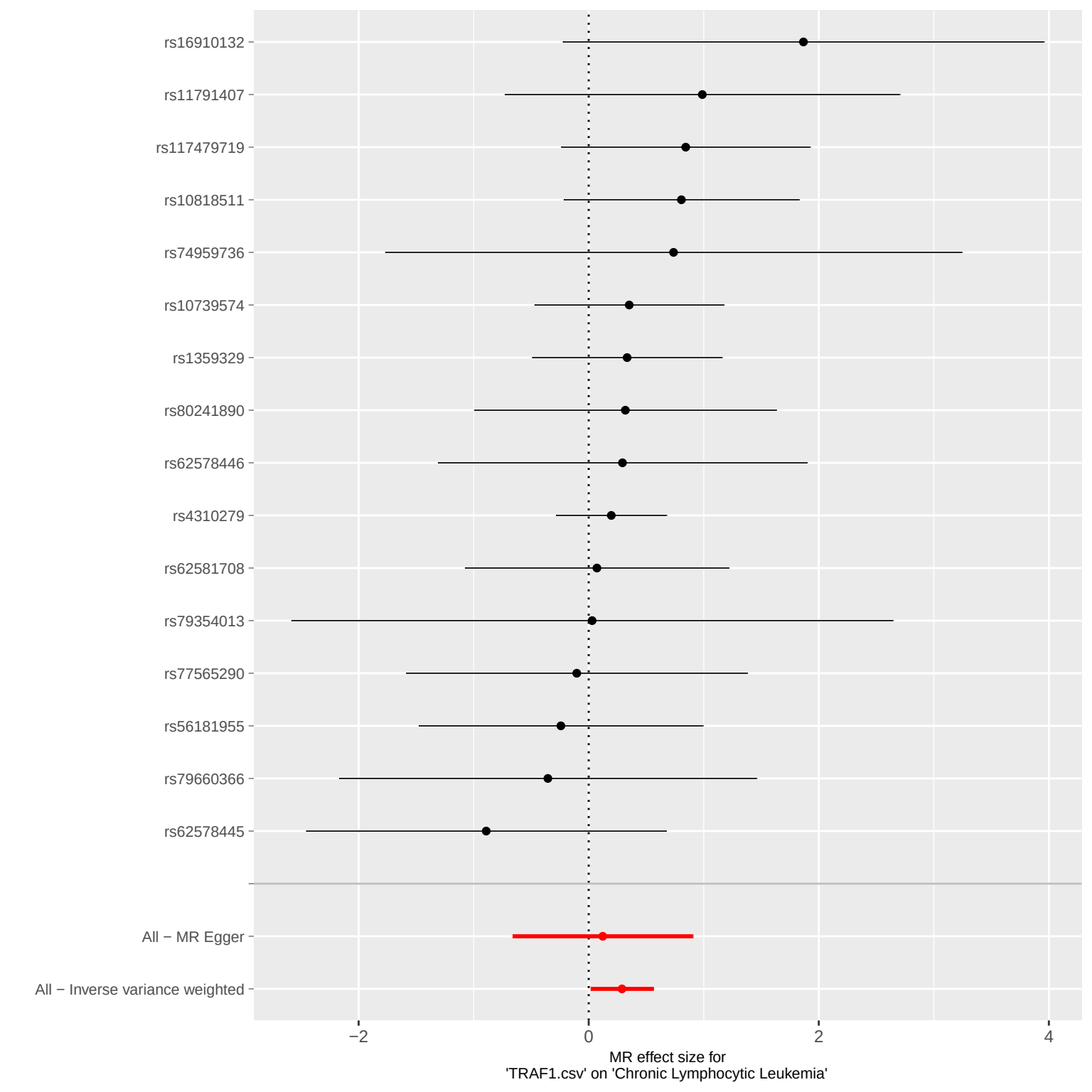
2
4
MR effect size for
'TRADD.csv' on 'Chronic Lymphocytic Leukemia'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rs79354013
rs77565290
rs56181955
rs79660366
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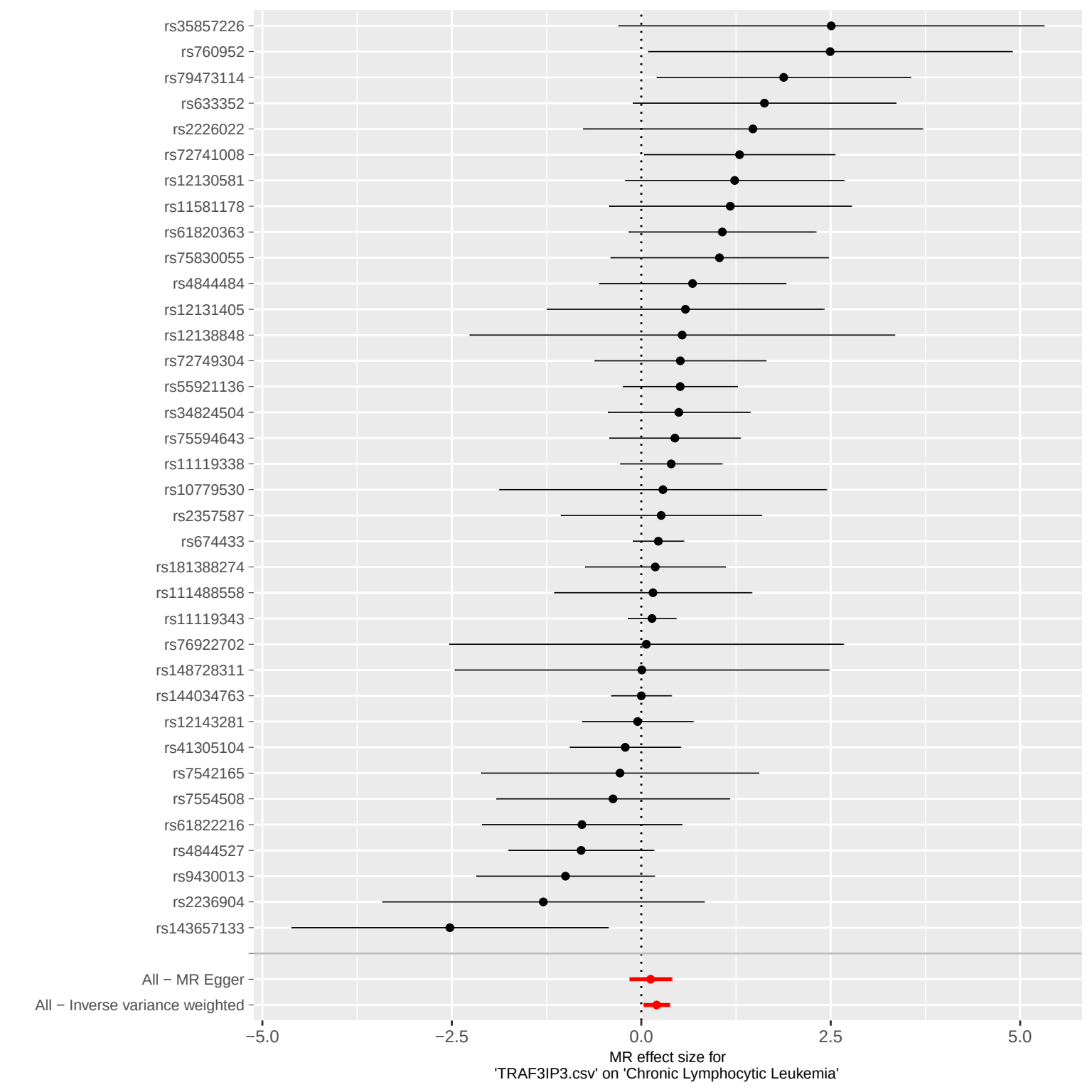
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TRAF1.csv' on 'Chronic Lymphocytic Leukemia'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rs12143281
rs41305104
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rs7554508
rs61822216
rs4844527
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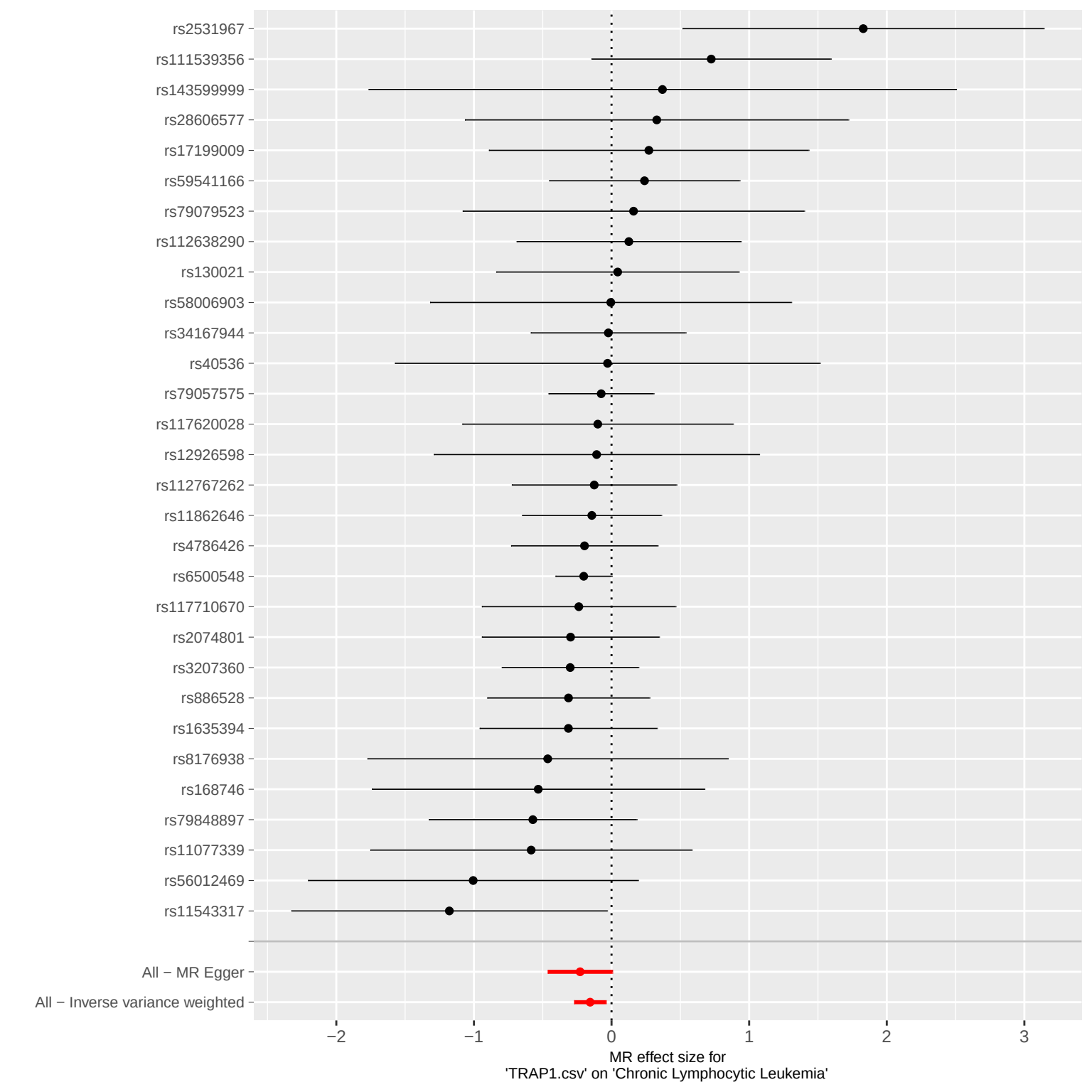
rs2236904
rs143657133
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'TRAF3IP3.csv' on 'Chronic Lymphocytic Leukemia'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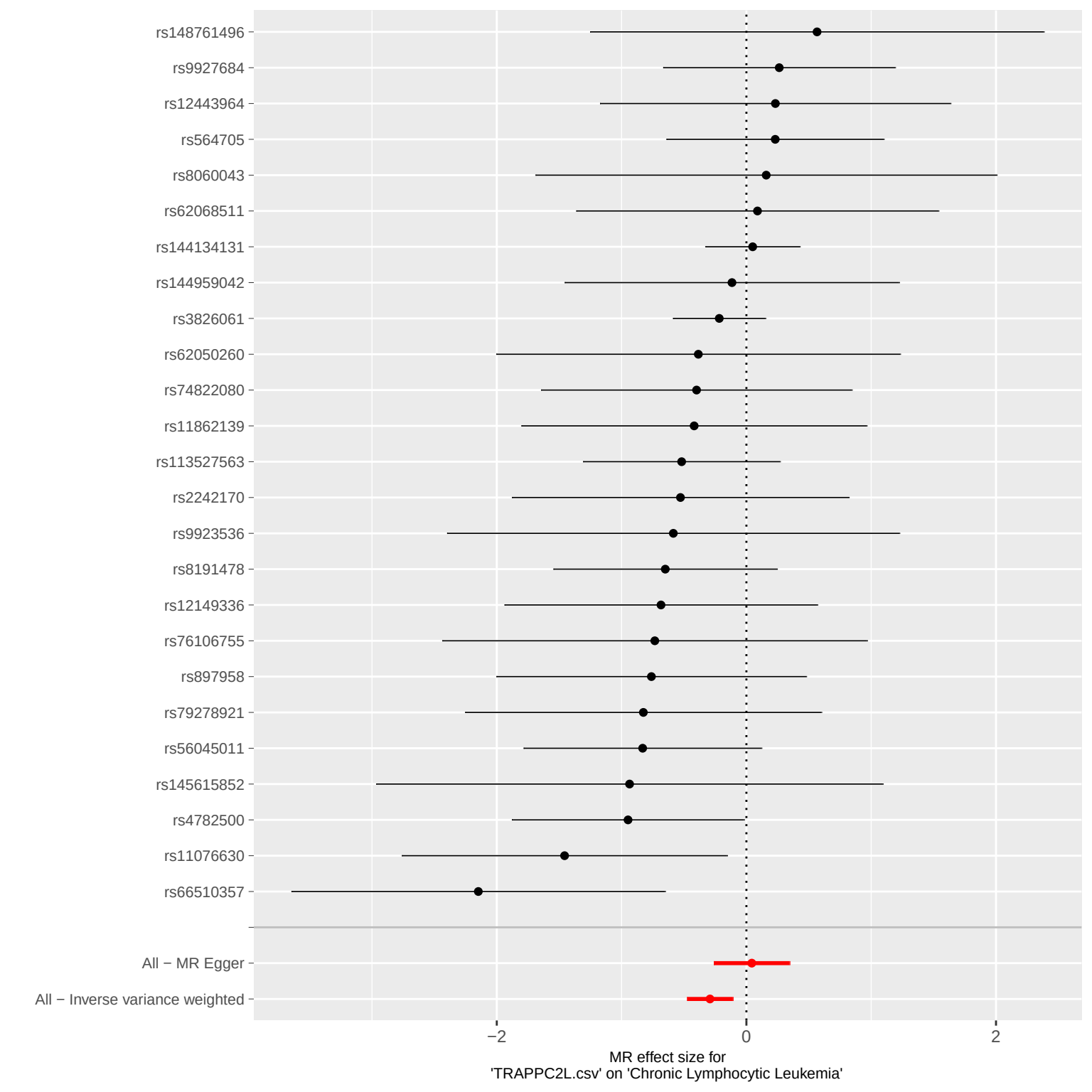
rs11077339
rs56012469
rs11543317
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'TRAP1.csv' on 'Chronic Lymphocytic Leukemia'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rs11862139
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rs2242170
rs9923536
rs8191478
rs12149336
rs76106755
rs897958
rs79278921
rs56045011
rs145615852
rs4782500
rs11076630
rs66510357
All − MR Egger
All − Inverse variance weighted
−2
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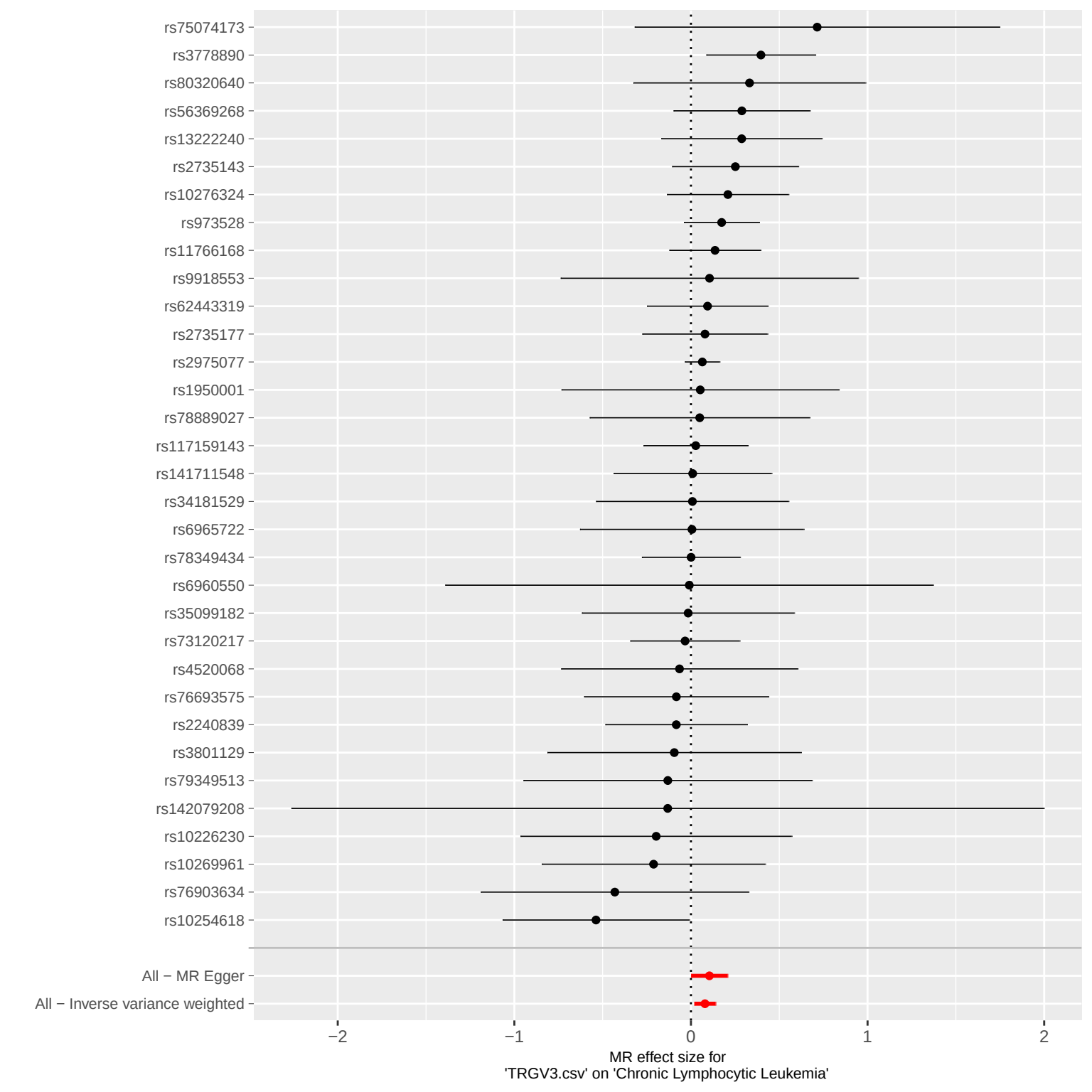
2
MR effect size for
'TRAPPC2L.csv' on 'Chronic Lymphocytic Leukemia'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rs6960550
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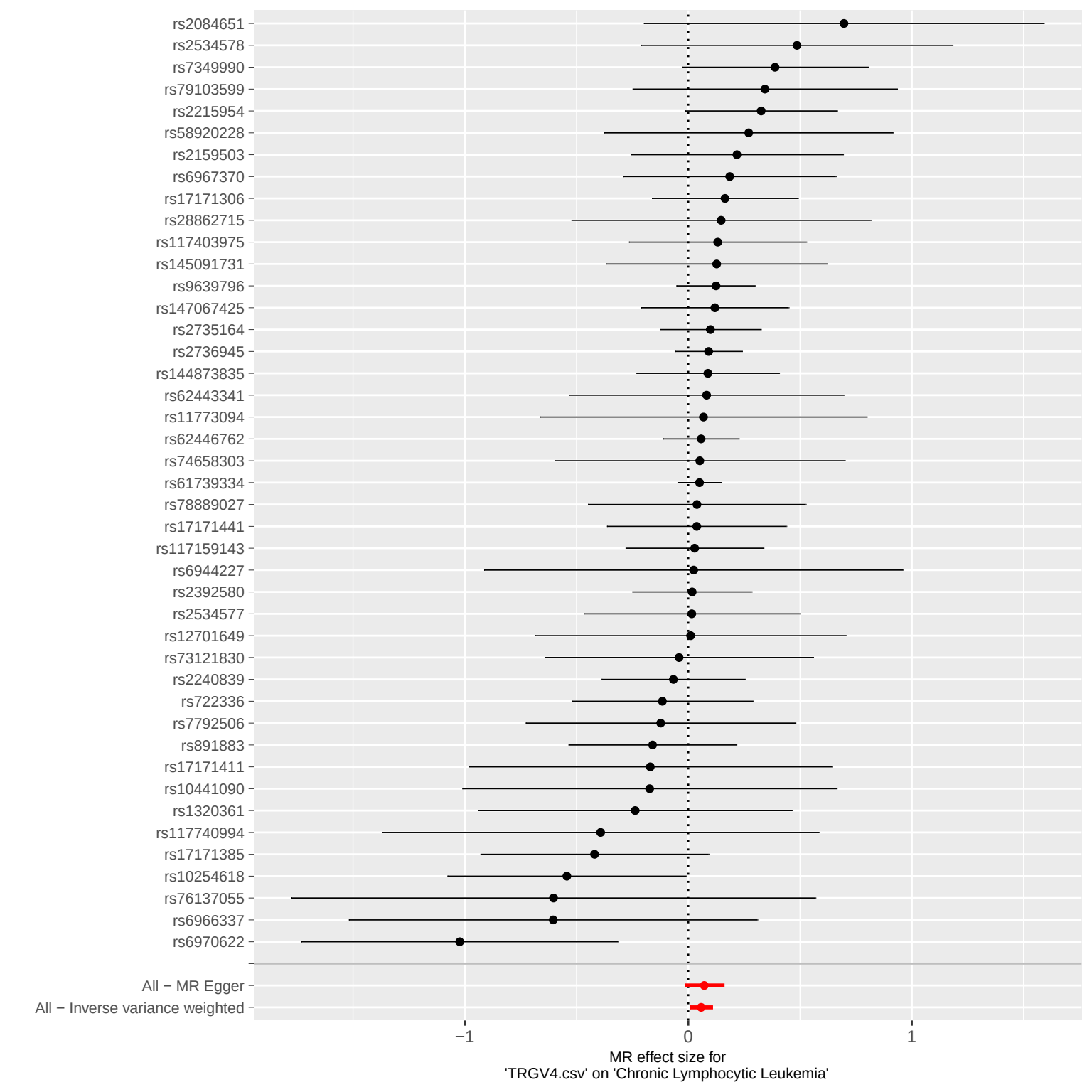
rs3801129
rs79349513
rs142079208
rs10226230
rs10269961
rs76903634
rs10254618
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'TRGV3.csv' on 'Chronic Lymphocytic Leukemia'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rs17171411
rs10441090
rs1320361
rs117740994
rs17171385
rs10254618
rs76137055
rs6966337
rs6970622
All − MR Egger
All − Inverse variance weighted
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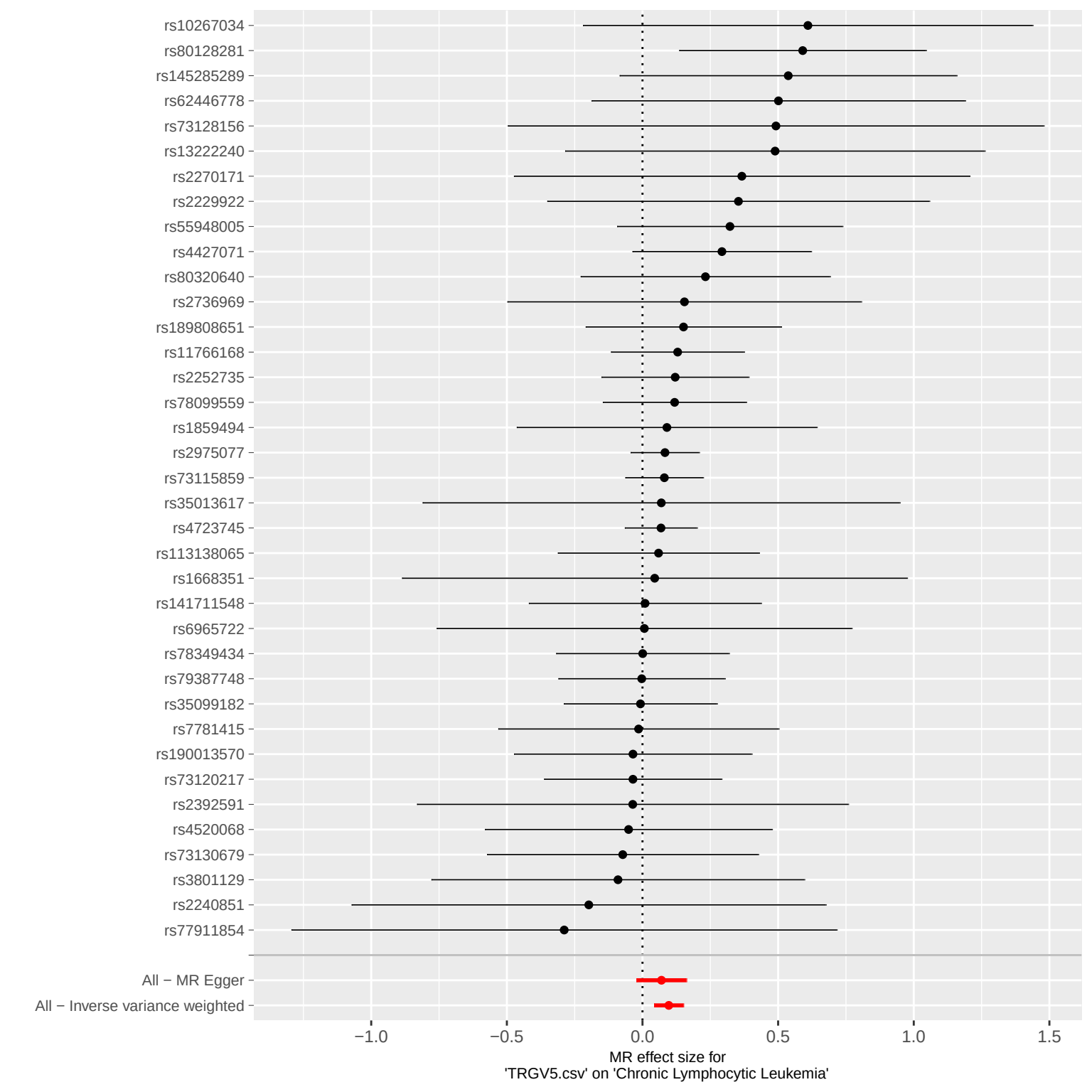
0
1
MR effect size for
'TRGV4.csv' on 'Chronic Lymphocytic Leukemia'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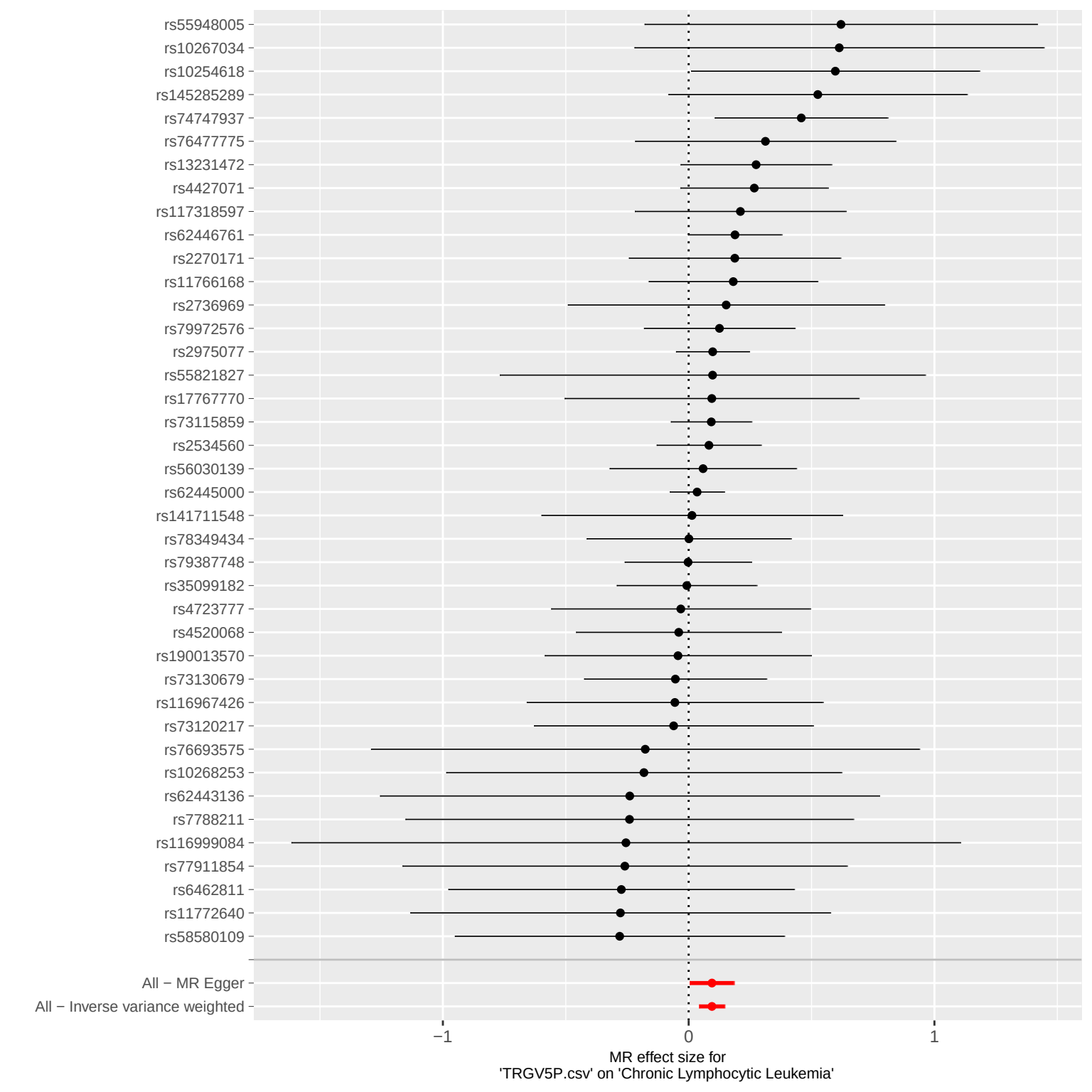
rs2392591
rs4520068
rs73130679
rs3801129
rs2240851
rs77911854
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'TRGV5.csv' on 'Chronic Lymphocytic Leukemia'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rs62443136
rs7788211
rs116999084
rs77911854
rs6462811
rs11772640
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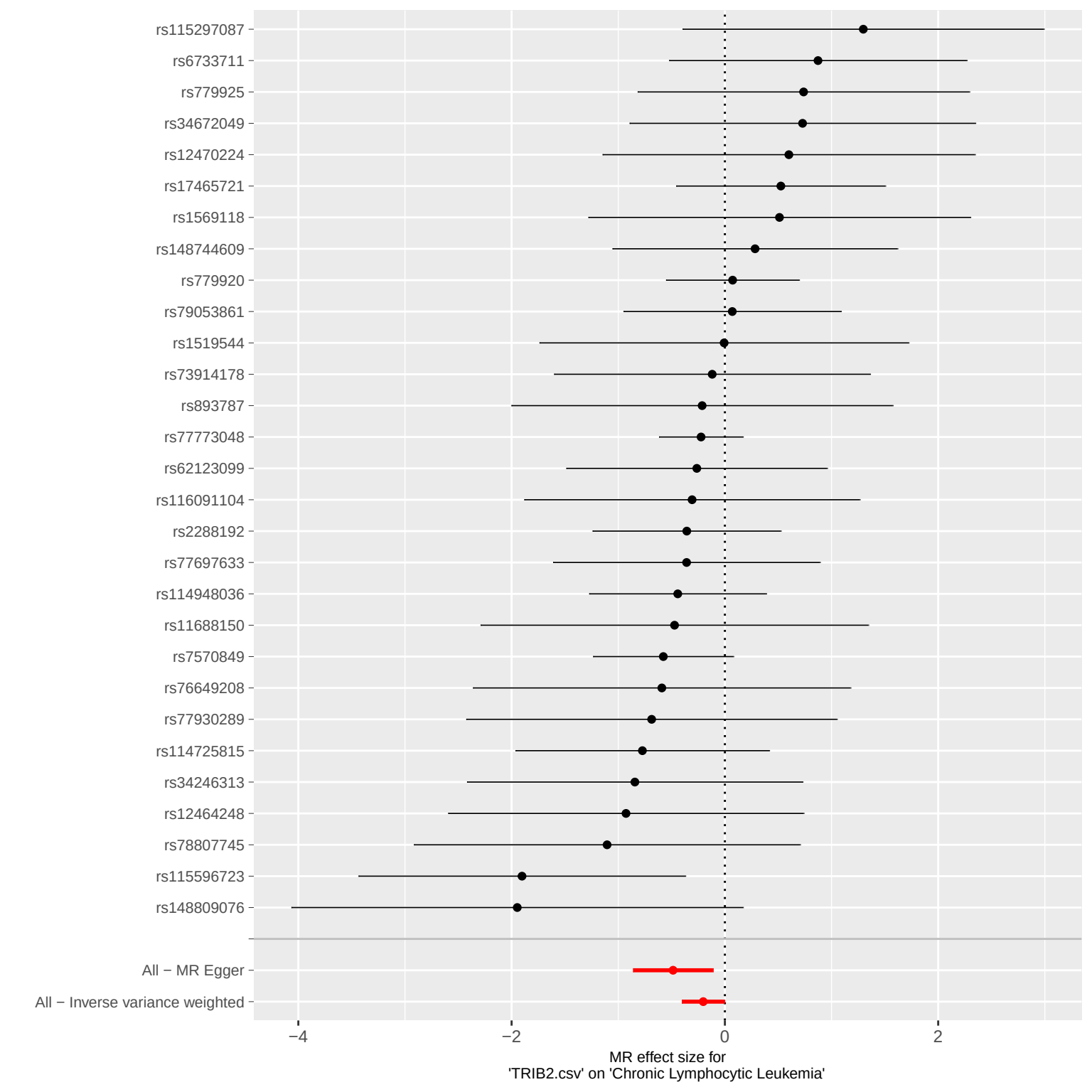
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'TRGV5P.csv' on 'Chronic Lymphocytic Leukemia'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rs2288192
rs77697633
rs114948036
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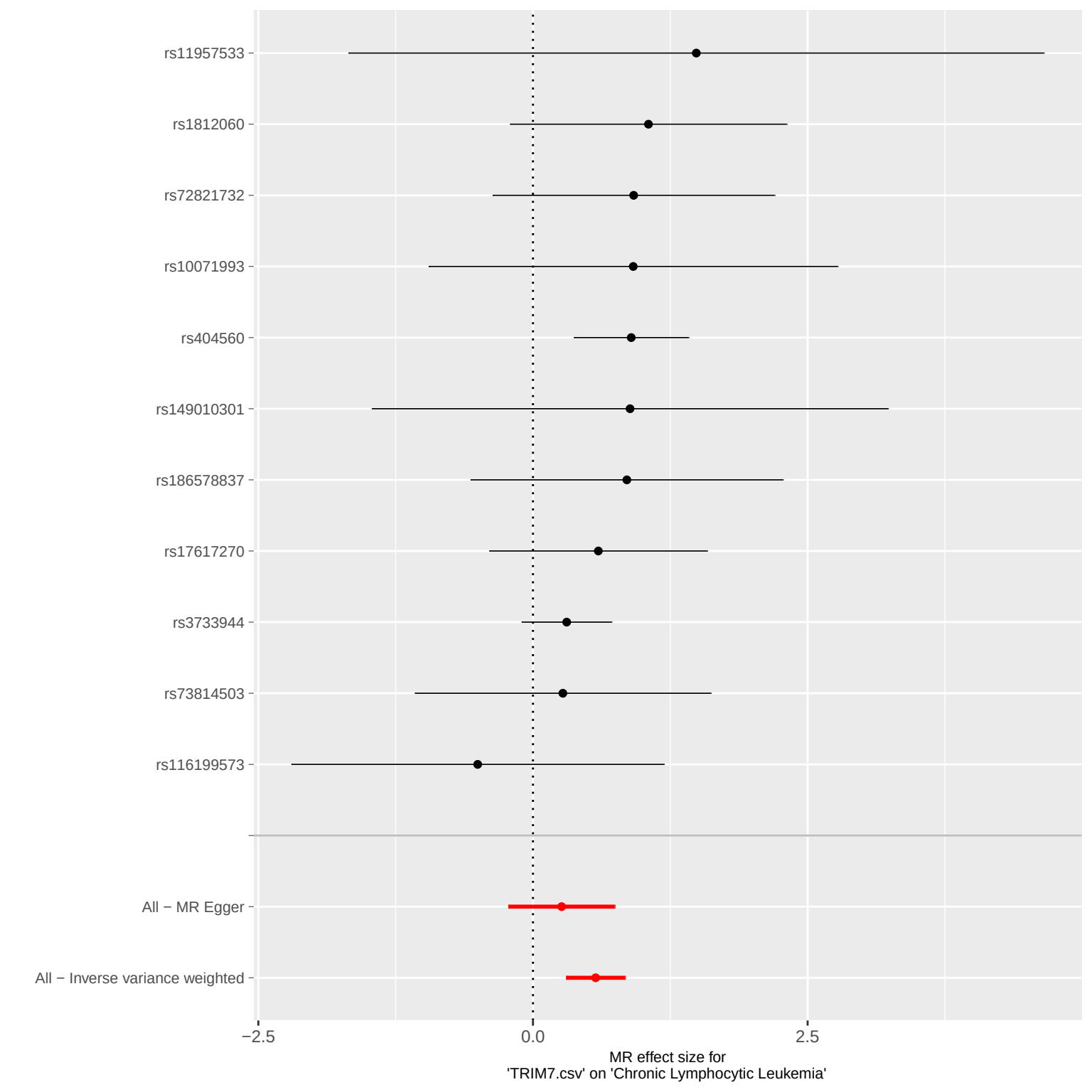
rs7570849
rs76649208
rs77930289
rs114725815
rs34246313
rs12464248
rs78807745
rs115596723
rs148809076
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TRIB2.csv' on 'Chronic Lymphocytic Leukemia'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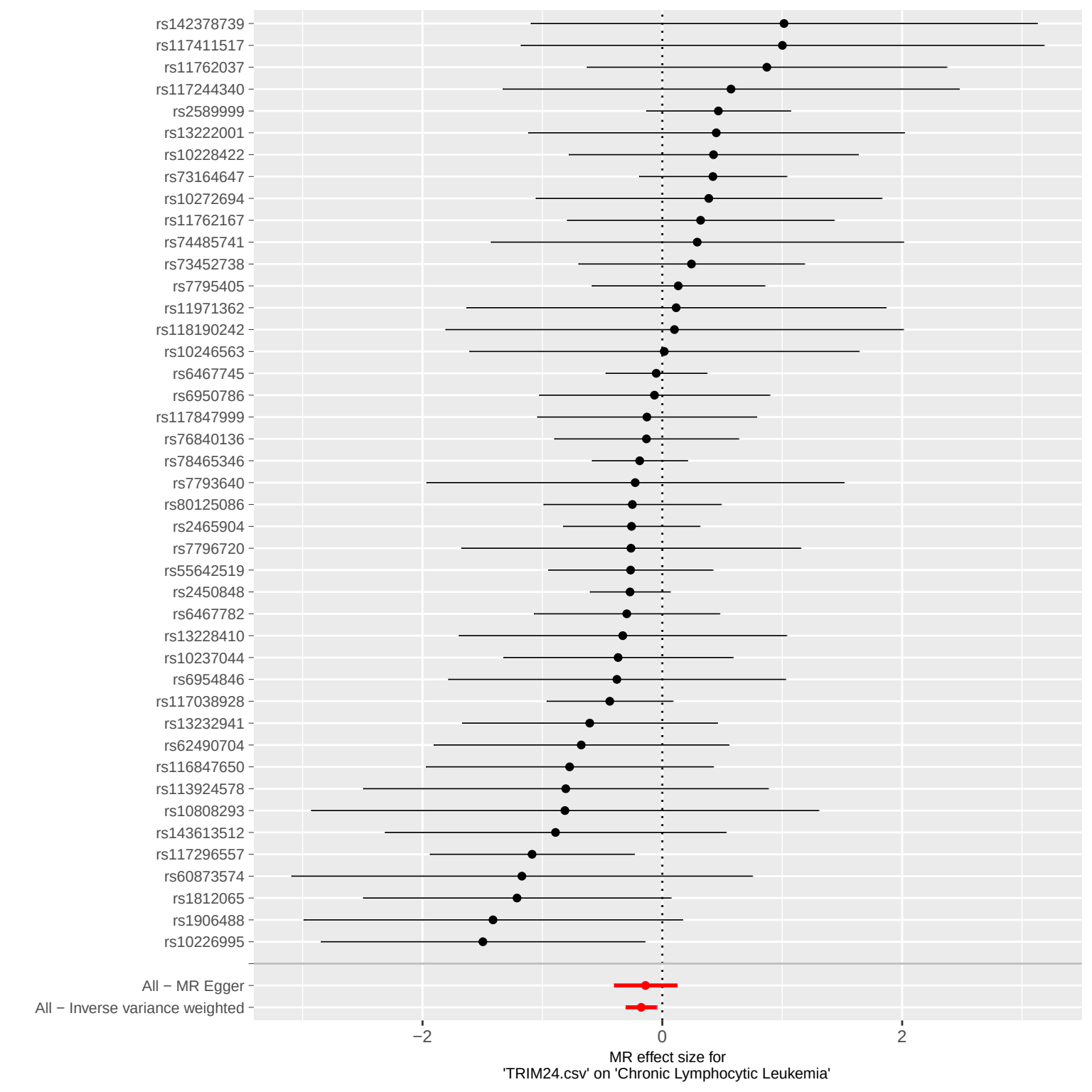
rs72821732
rs10071993
rs404560
rs149010301
rs186578837
rs17617270
rs3733944
rs73814503
rs116199573
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TRIM7.csv' on 'Chronic Lymphocytic Leukemia'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rs10246563
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rs6950786
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rs2450848
rs6467782
rs13228410
rs10237044
rs6954846
rs117038928
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rs62490704
rs116847650
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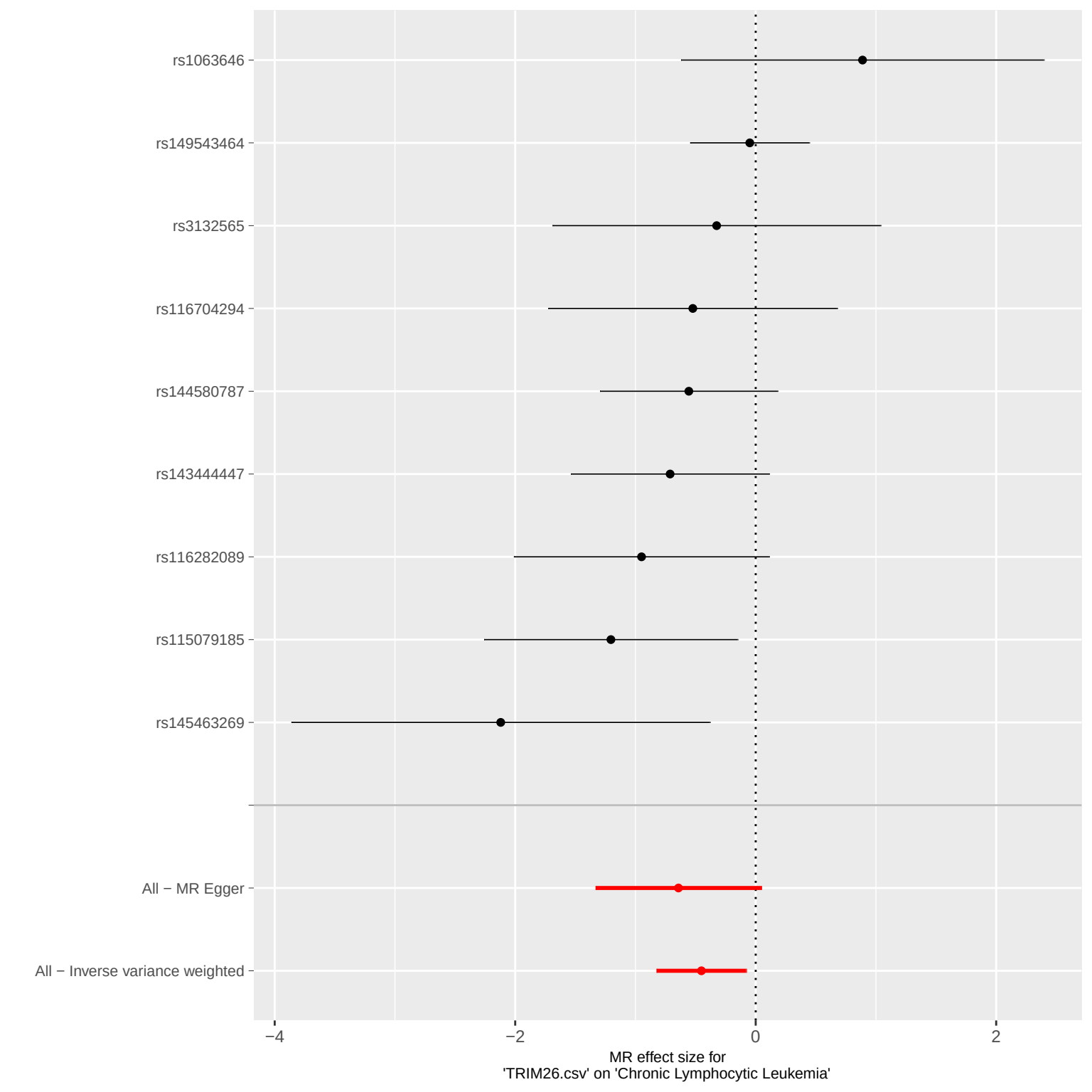
rs10808293
rs143613512
rs117296557
rs60873574
rs1812065
rs1906488
rs10226995
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TRIM24.csv' on 'Chronic Lymphocytic Leukemia'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rs115079185
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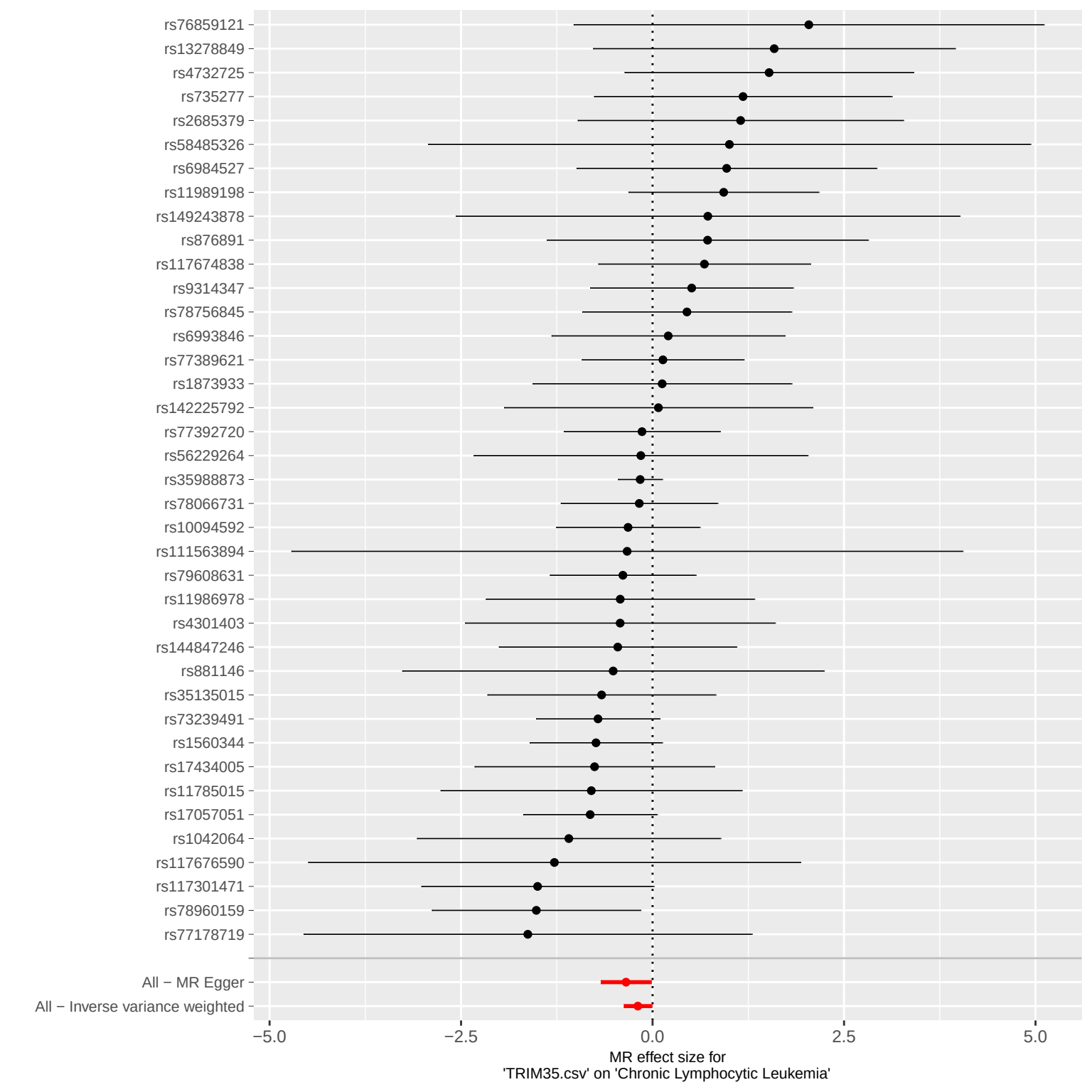
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TRIM26.csv' on 'Chronic Lymphocytic Leukemia'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rs78960159
rs77178719
All − MR Egger
All − Inverse variance weighted
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−2.5
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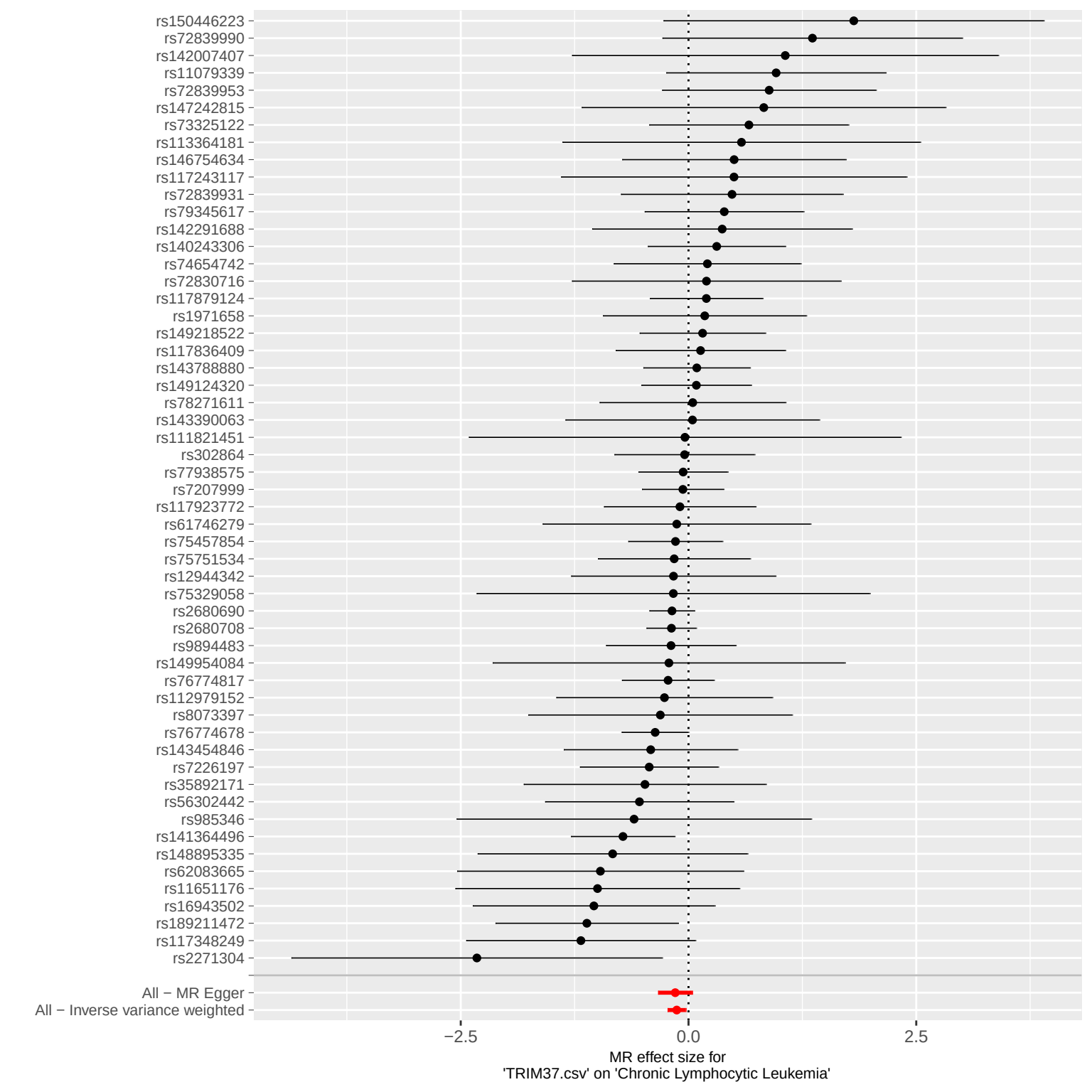
2.5
5.0
MR effect size for
'TRIM35.csv' on 'Chronic Lymphocytic Leukemia'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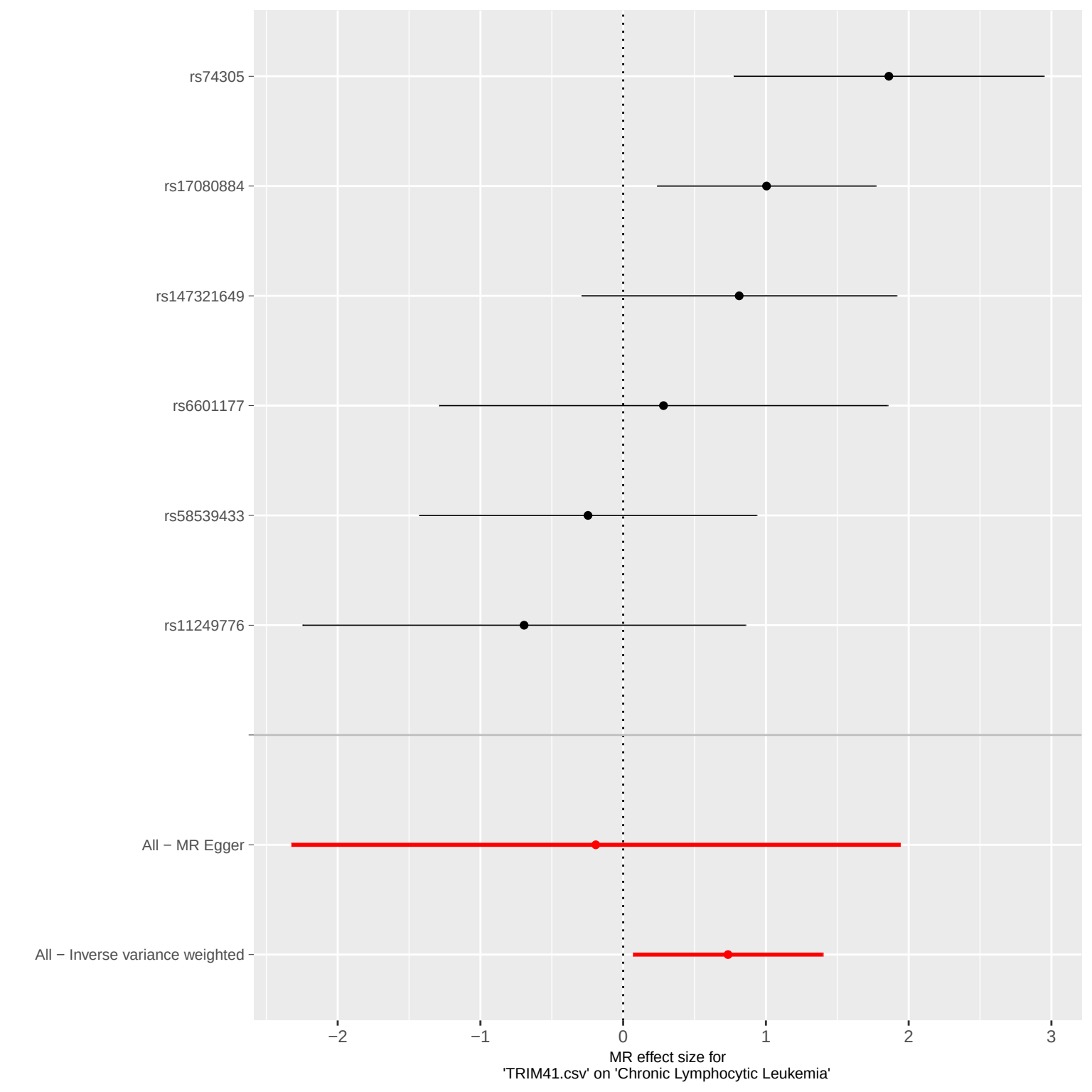
rs148895335
rs62083665
rs11651176
rs16943502
rs189211472
rs117348249
rs2271304
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'TRIM37.csv' on 'Chronic Lymphocytic Leukemia'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rs17080884
rs147321649
rs6601177
rs58539433
rs11249776
All − MR Egger
All − Inverse variance weighted
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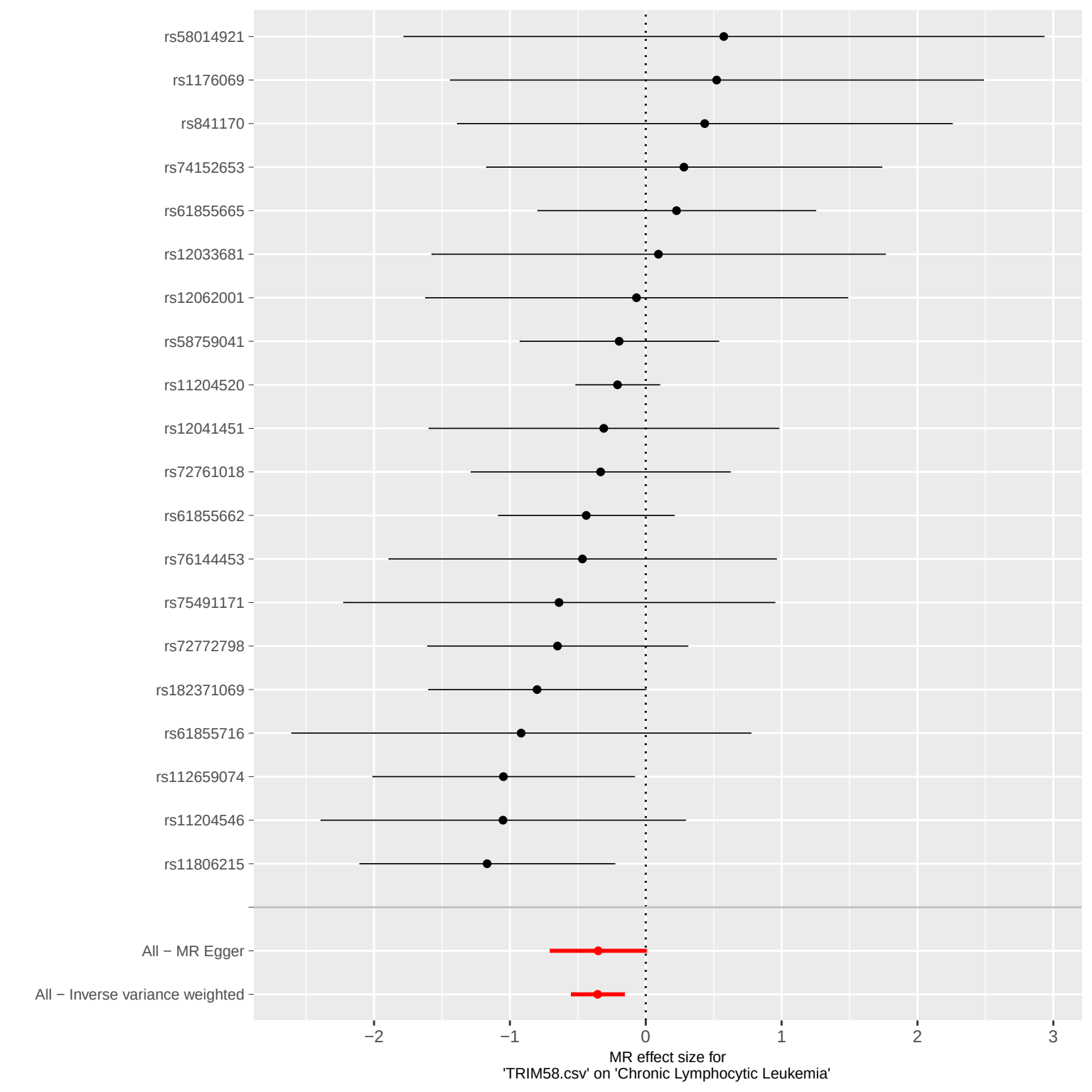
−1
0
1
2
3
MR effect size for
'TRIM41.csv' on 'Chronic Lymphocytic Leukemia'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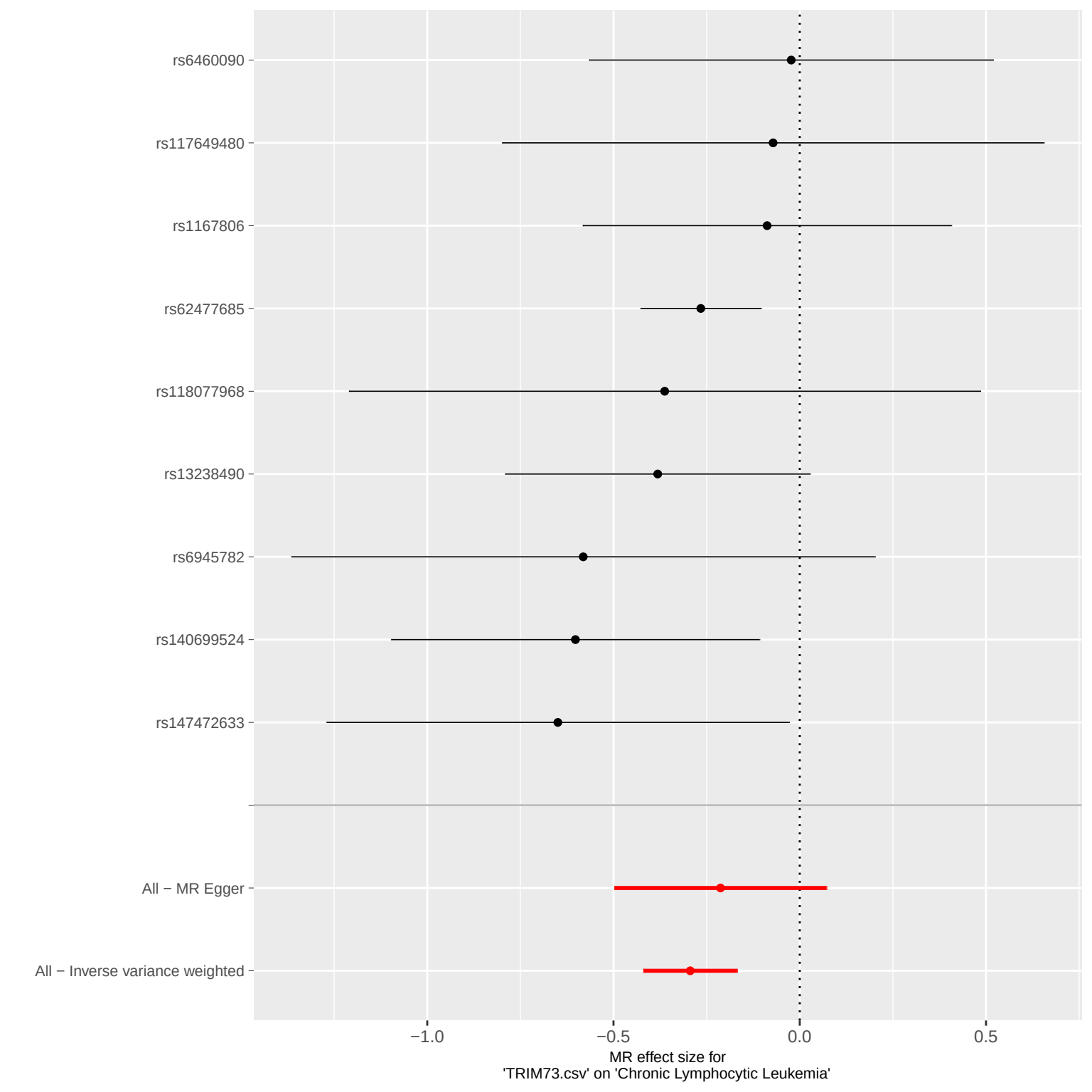
rs61855662
rs76144453
rs75491171
rs72772798
rs182371069
rs61855716
rs112659074
rs11204546
rs11806215
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'TRIM58.csv' on 'Chronic Lymphocytic Leukemia'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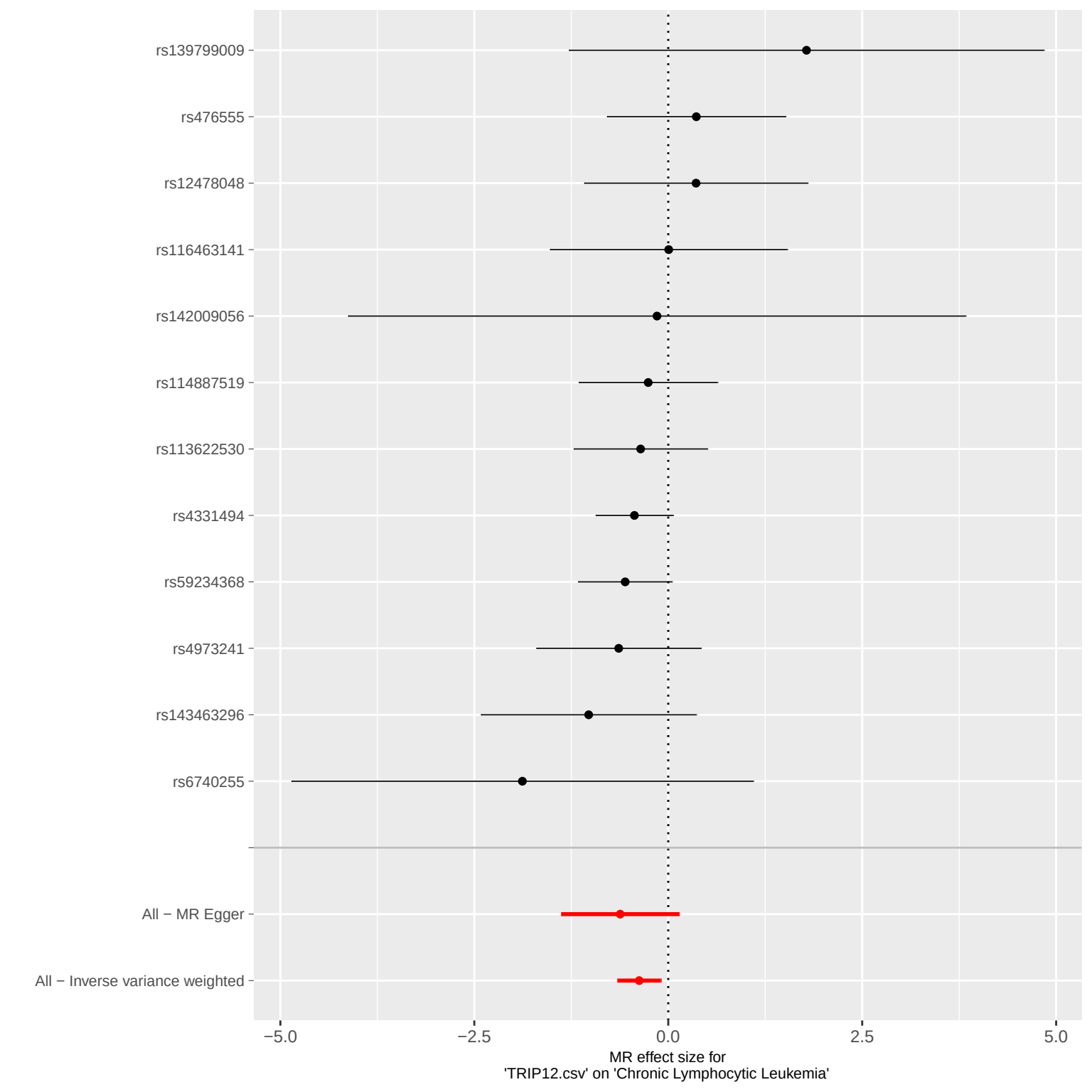
rs1167806
rs62477685
rs118077968
rs13238490
rs6945782
rs140699524
rs147472633
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
MR effect size for
'TRIM73.csv' on 'Chronic Lymphocytic Leukemia'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rs4331494
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rs6740255
All − MR Egger
All − Inverse variance weighted
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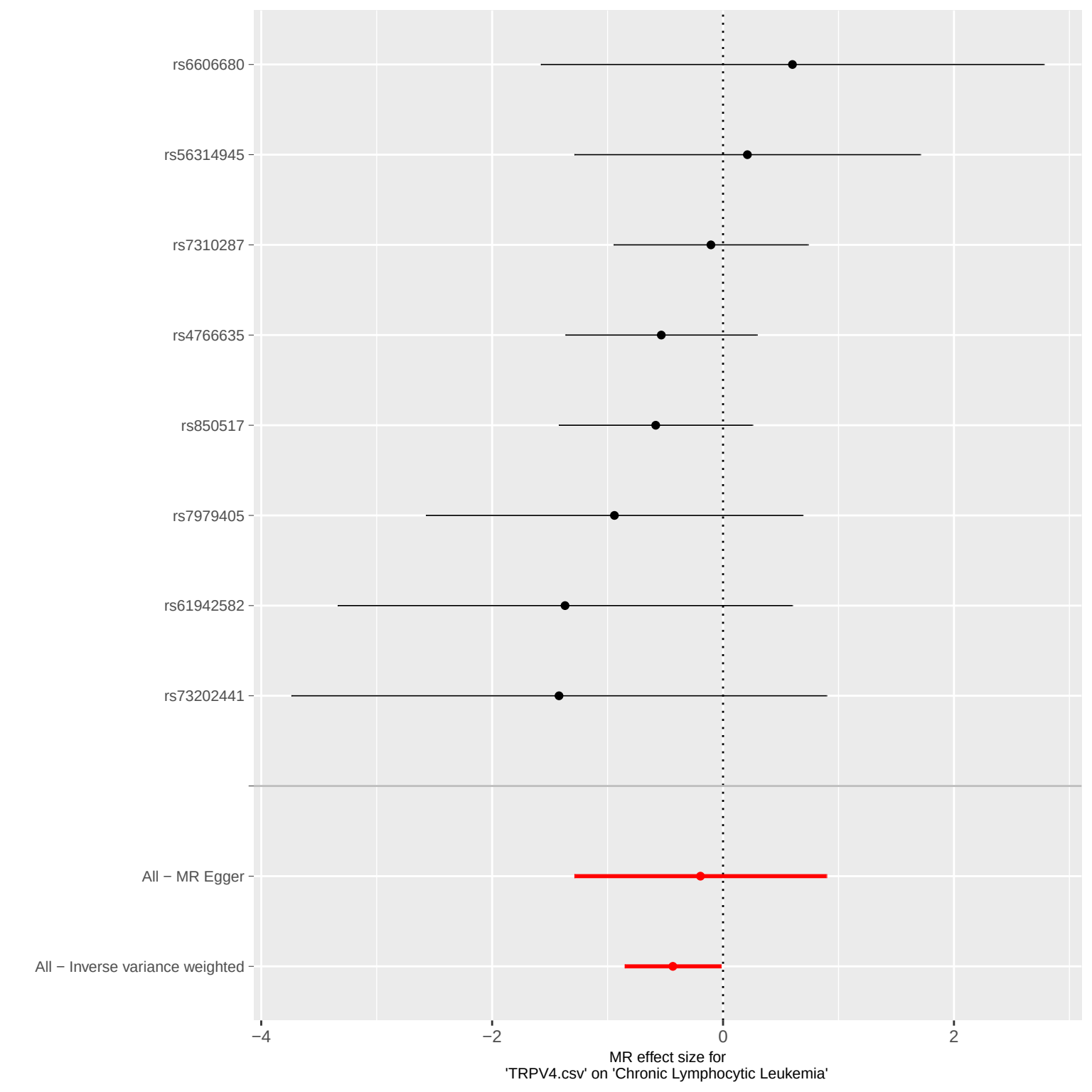
−2.5
0.0
2.5
5.0
MR effect size for
'TRIP12.csv' on 'Chronic Lymphocytic Leukemia'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rs4766635
rs850517
rs7979405
rs61942582
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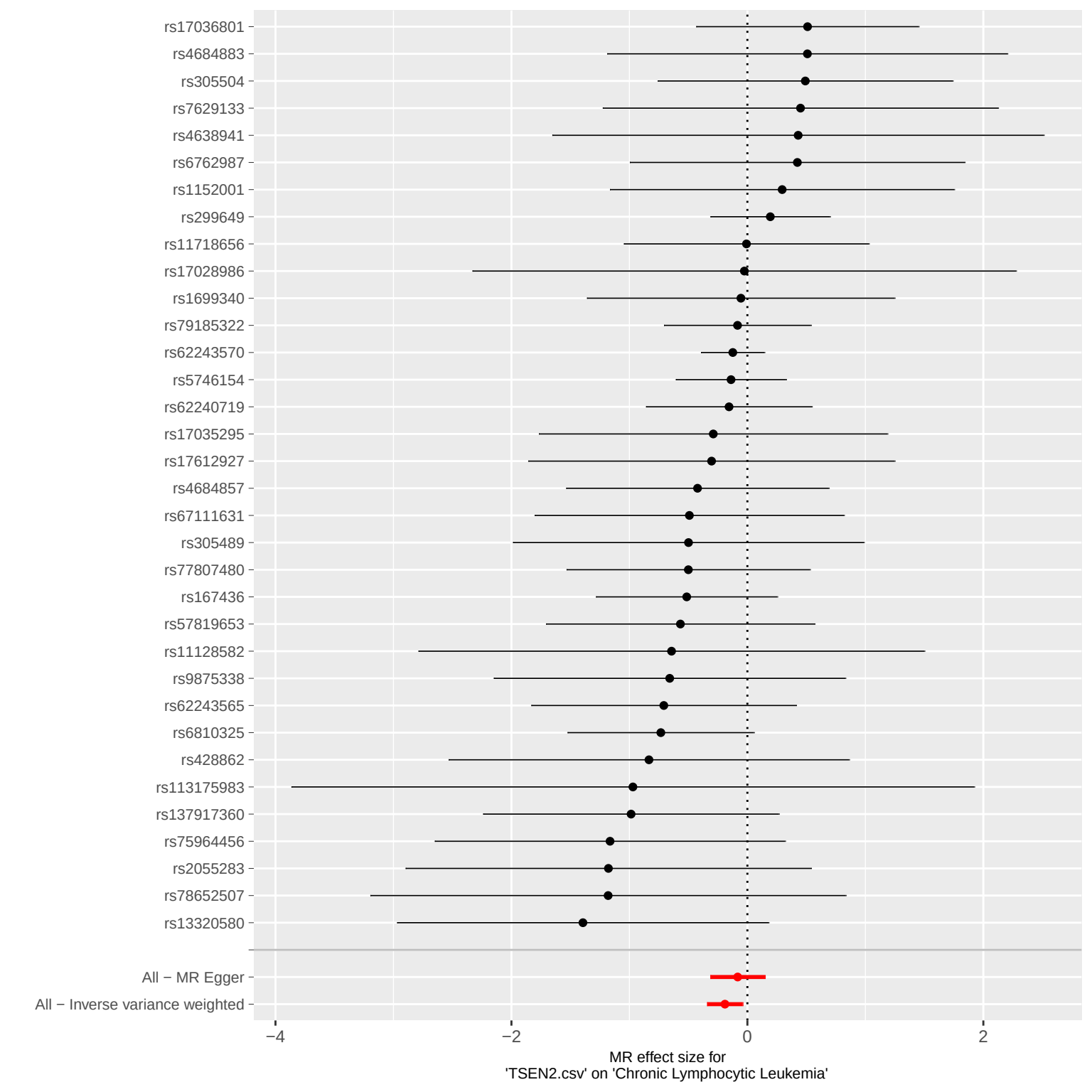
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TRPV4.csv' on 'Chronic Lymphocytic Leukemia'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rs113175983
rs137917360
rs75964456
rs2055283
rs78652507
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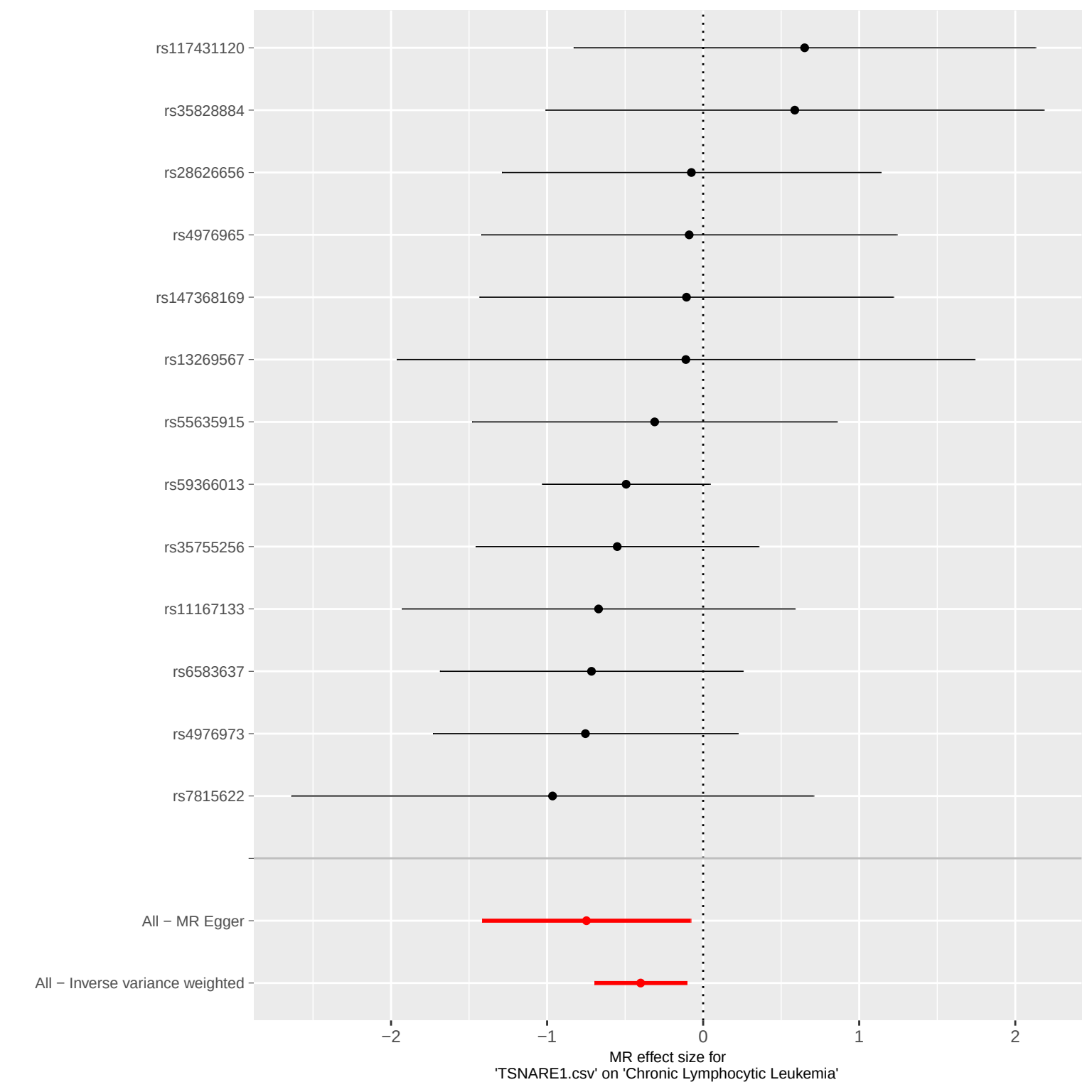
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'TSEN2.csv' on 'Chronic Lymphocytic Leukemia'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rs13269567
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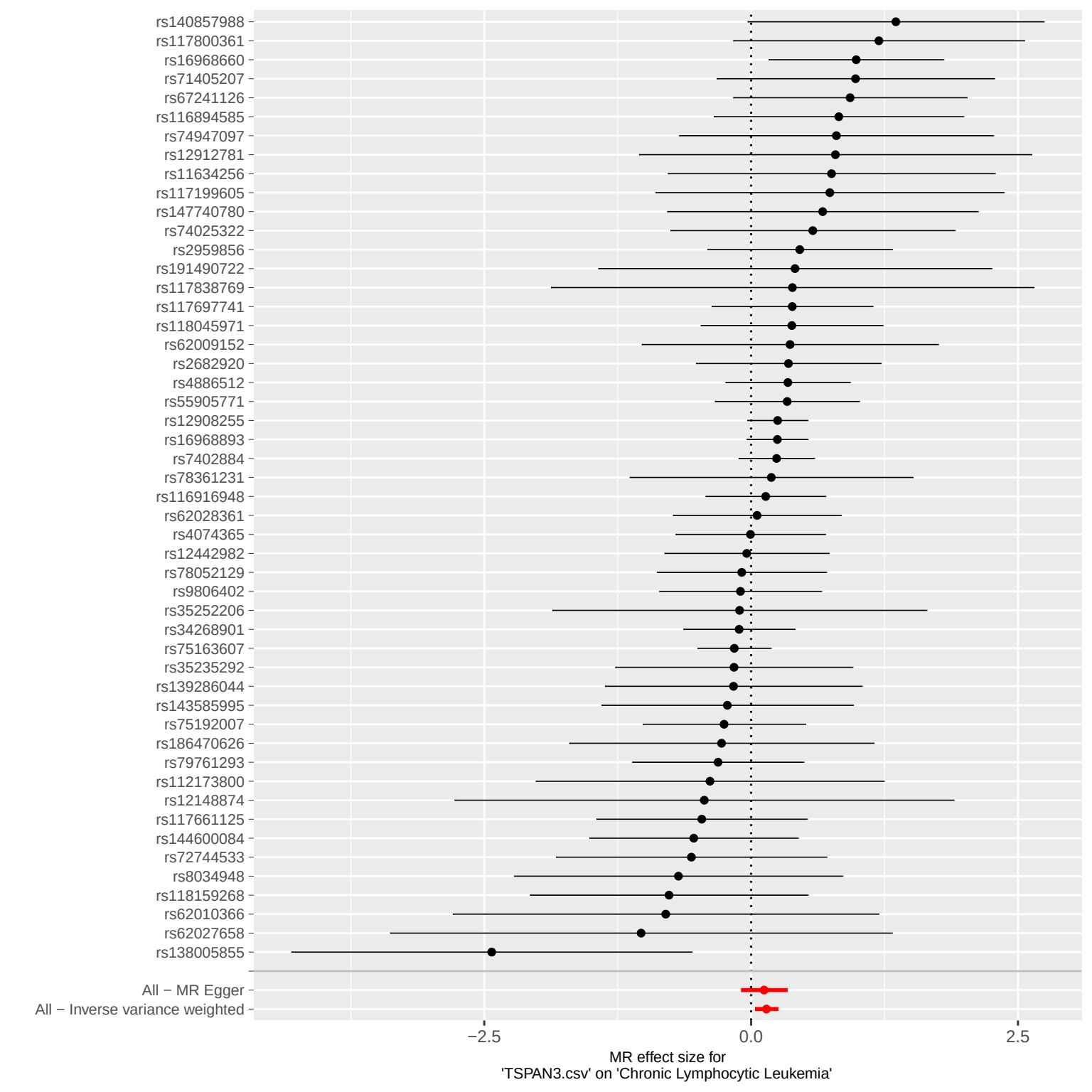
rs59366013
rs35755256
rs11167133
rs6583637
rs4976973
rs7815622
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'TSNARE1.csv' on 'Chronic Lymphocytic Leukemia'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rs62027658
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All − MR Egger
All − Inverse variance weighted
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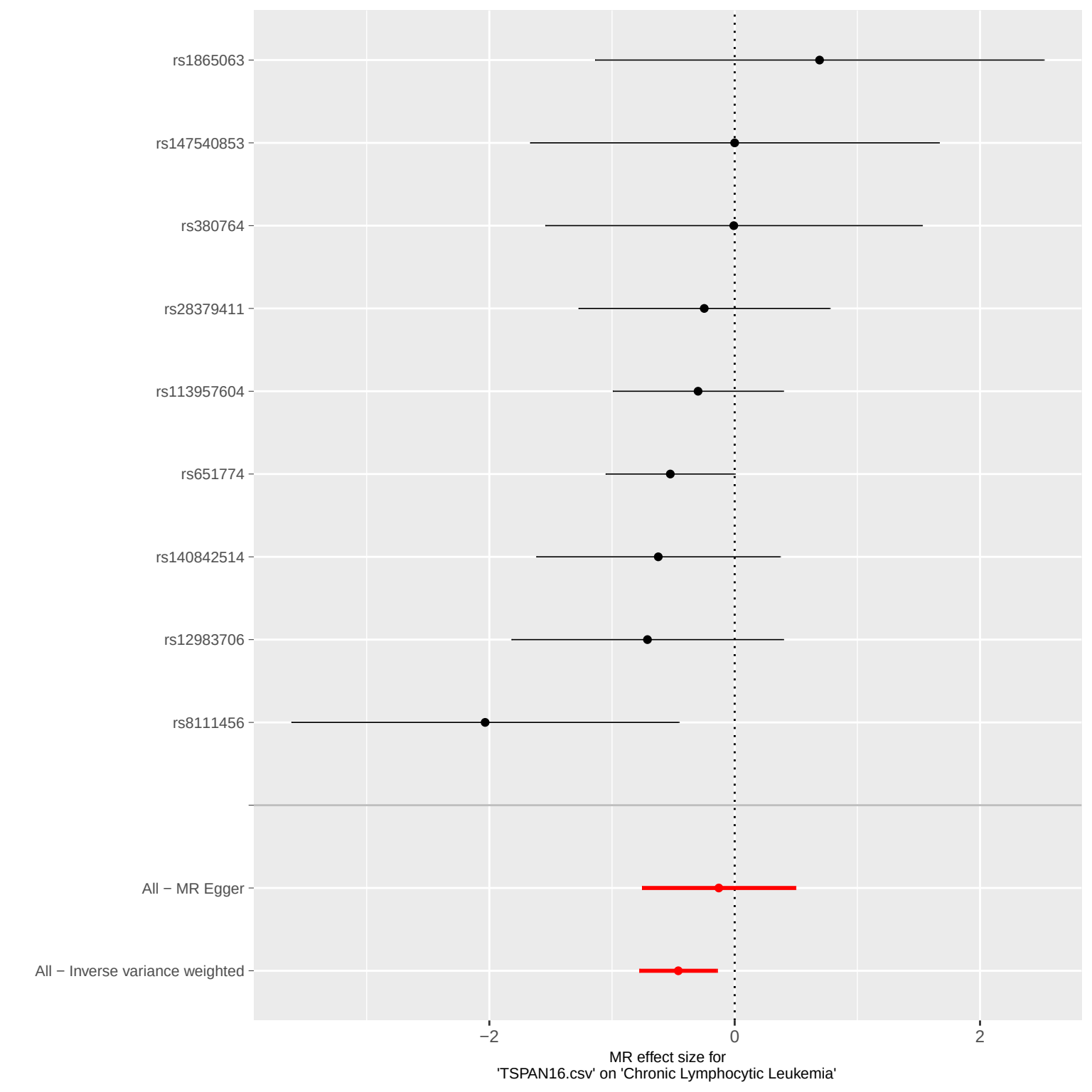
2.5
MR effect size for
'TSPAN3.csv' on 'Chronic Lymphocytic Leukemia'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rs113957604
rs651774
rs140842514
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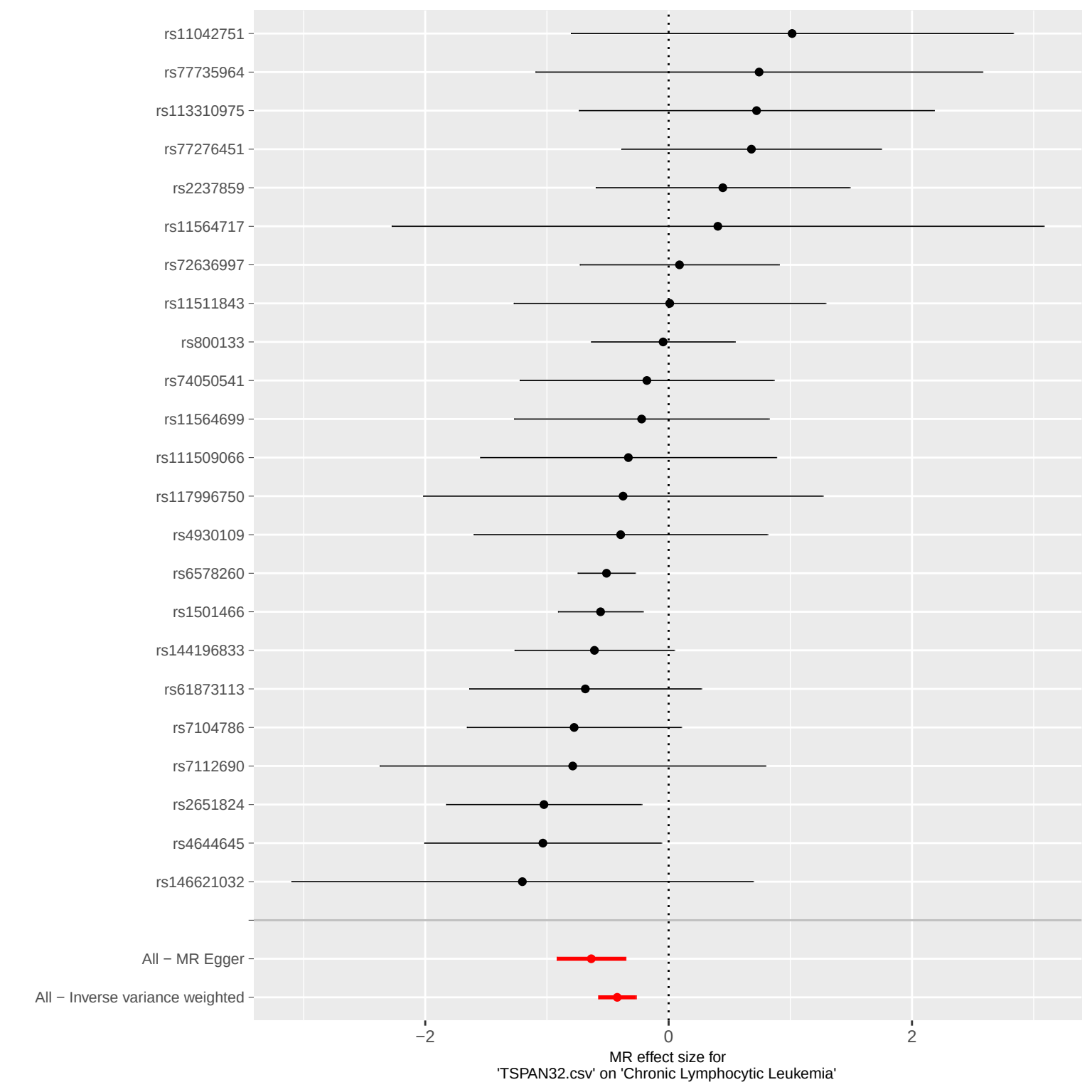
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'TSPAN16.csv' on 'Chronic Lymphocytic Leukemia'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rs1501466
rs144196833
rs61873113
rs7104786
rs7112690
rs2651824
rs4644645
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All − MR Egger
All − Inverse variance weighted
−2
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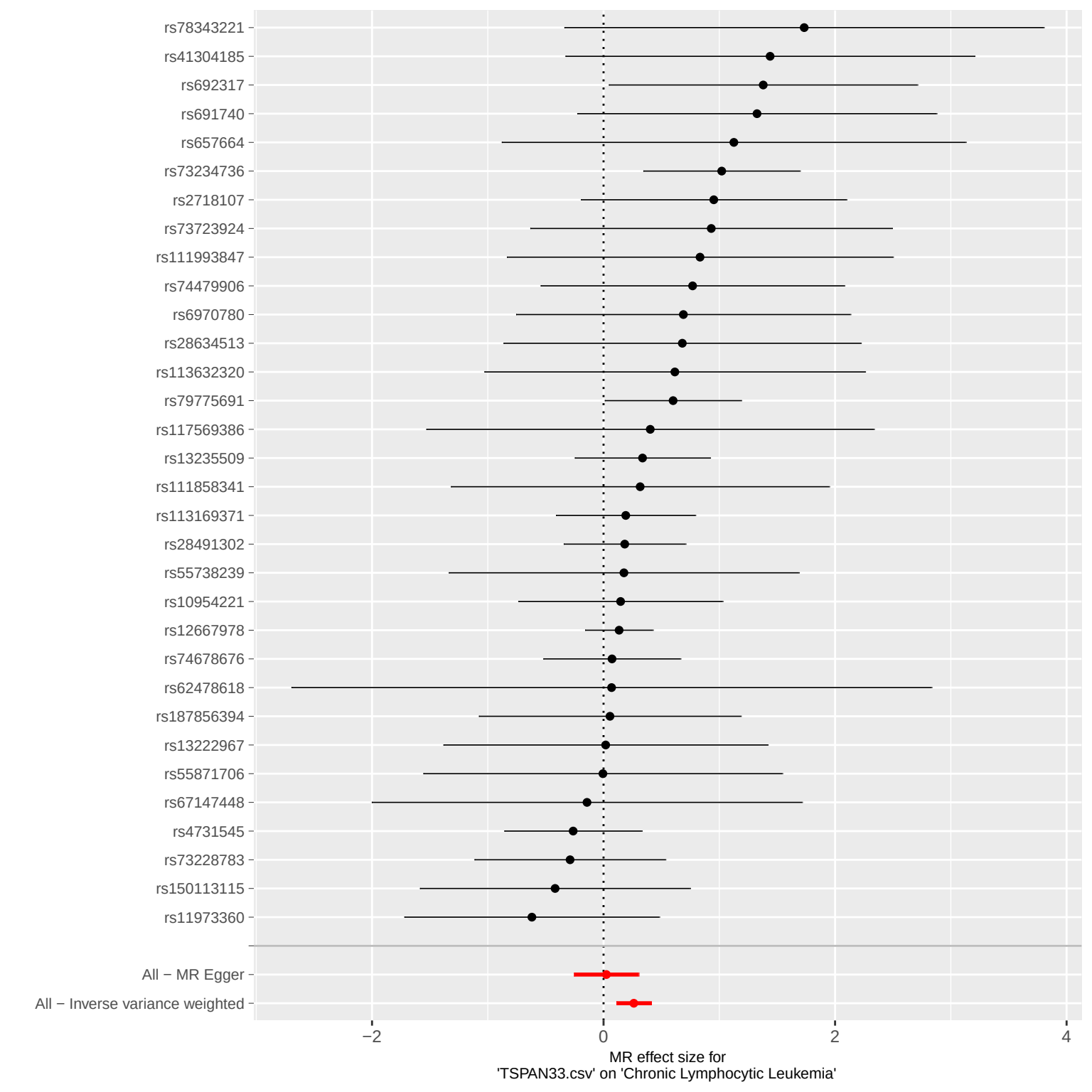
2
MR effect size for
'TSPAN32.csv' on 'Chronic Lymphocytic Leukemia'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rs113169371
rs28491302
rs55738239
rs10954221
rs12667978
rs74678676
rs62478618
rs187856394
rs13222967
rs55871706
rs67147448
rs4731545
rs73228783
rs150113115
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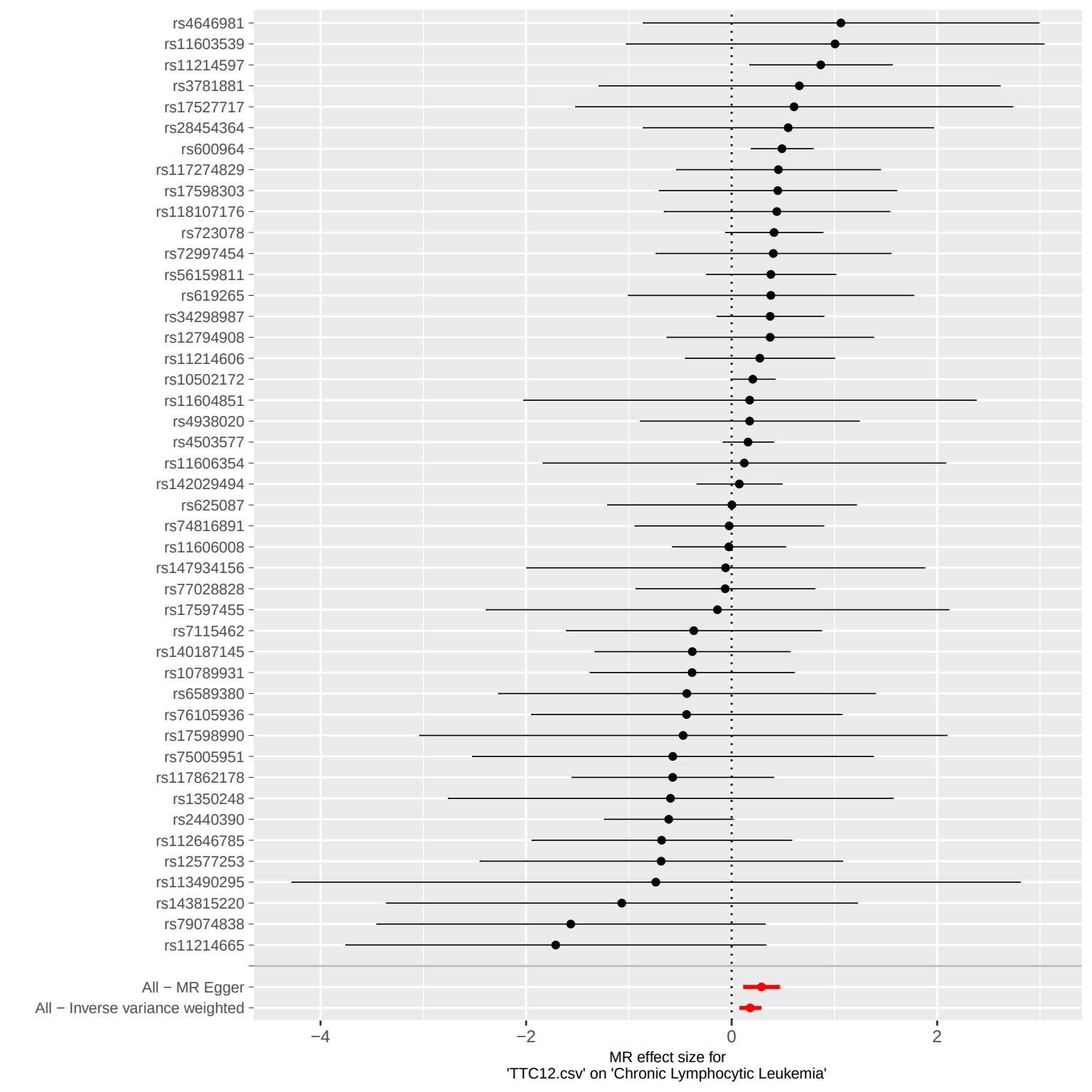
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'TSPAN33.csv' on 'Chronic Lymphocytic Leukemia'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rs12577253
rs113490295
rs143815220
rs79074838
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All − MR Egger
All − Inverse variance weighted
−4
−2
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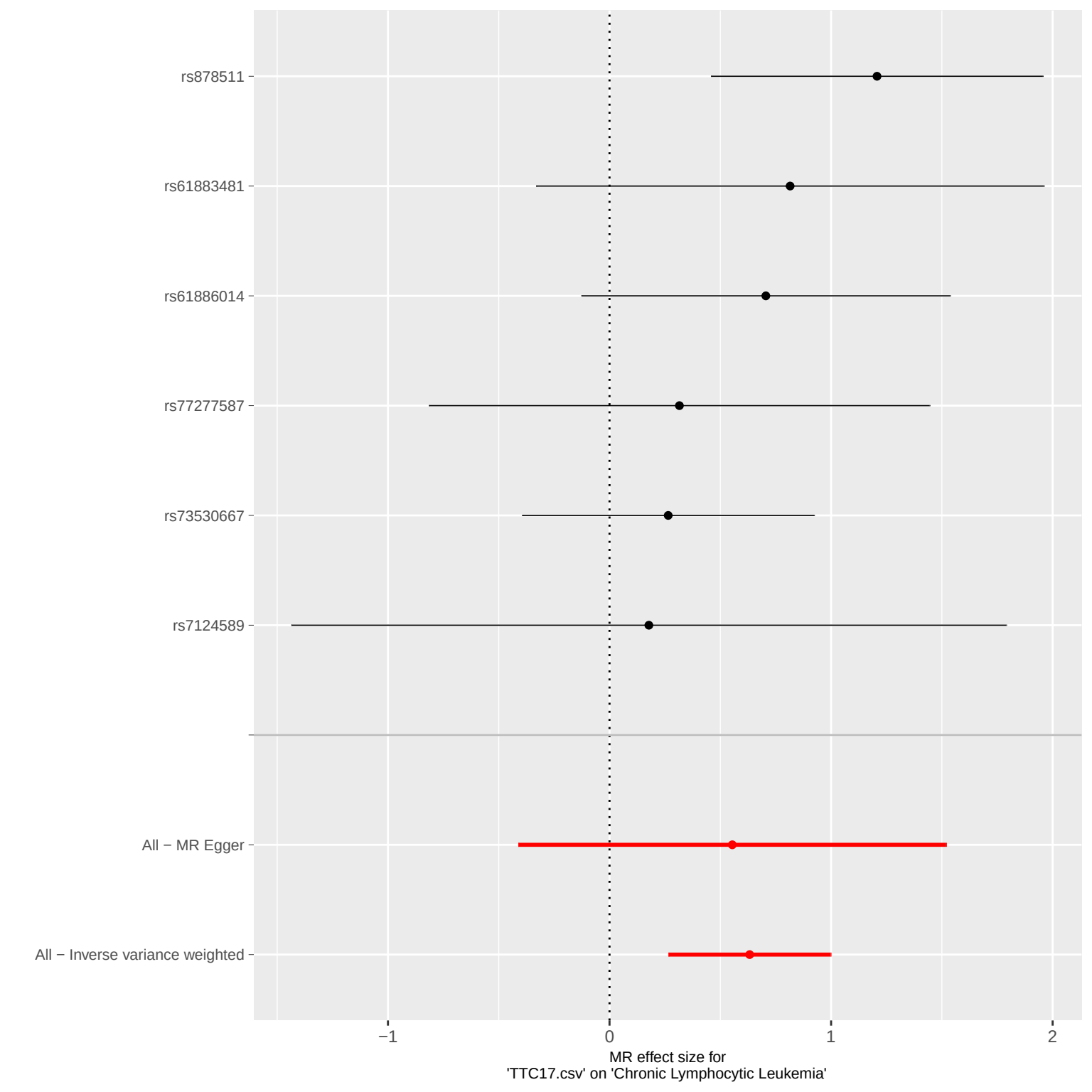
MR effect size for
'TTC12.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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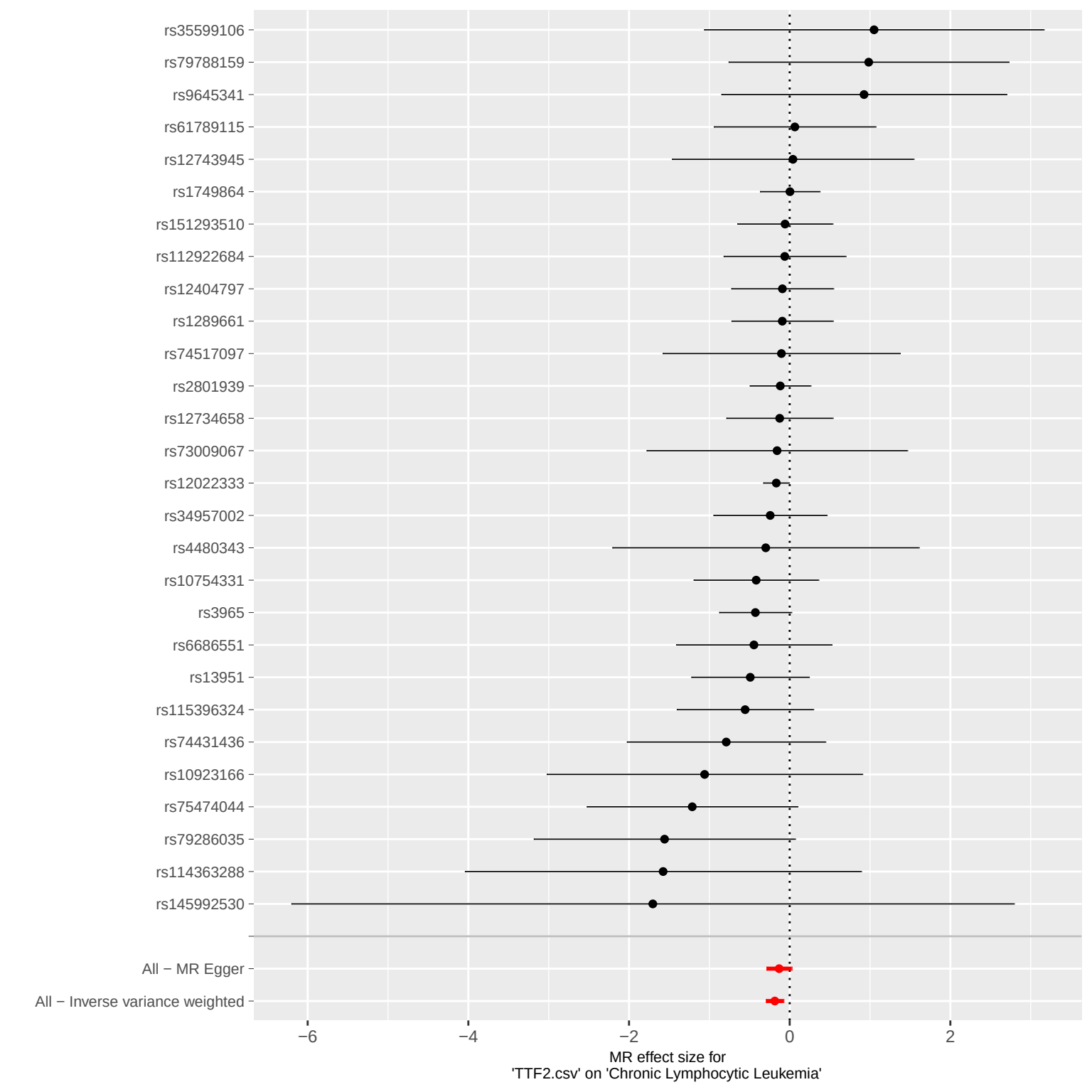
2
MR effect size for
'TTC17.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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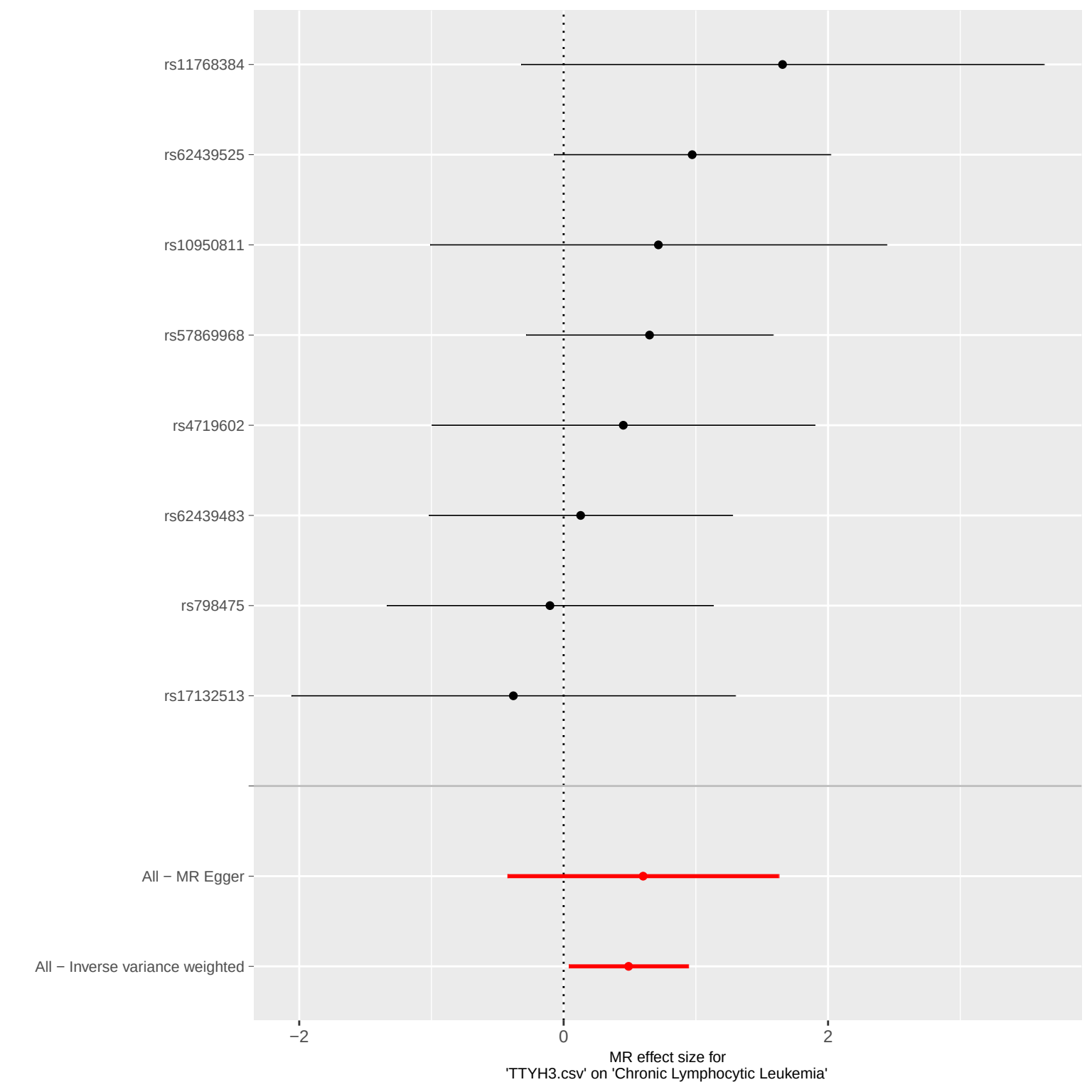
MR effect size for
'TTF2.csv' on 'Chronic Lymphocytic Leukemia'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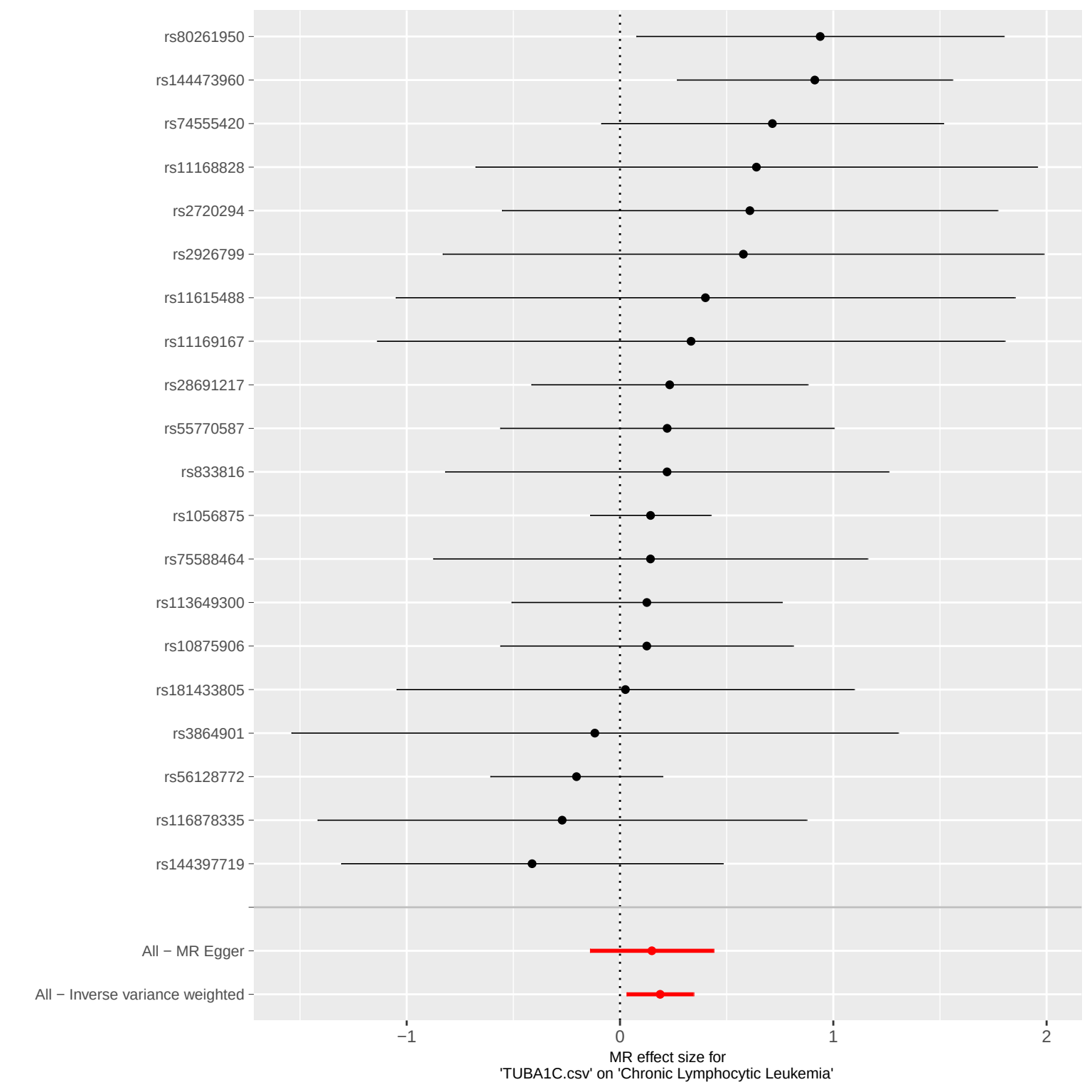
MR effect size for
'TTYH3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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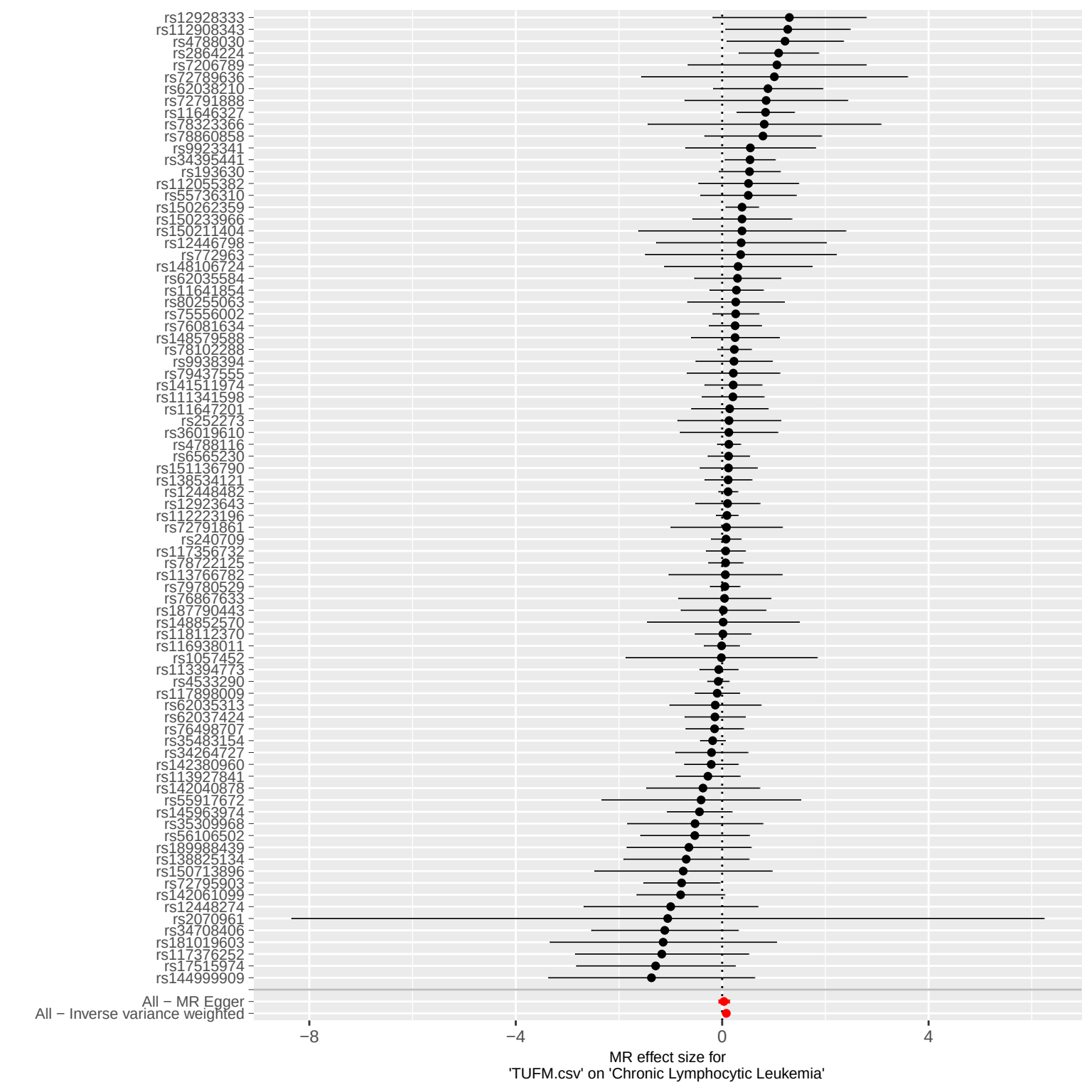
2
MR effect size for
'TUBA1C.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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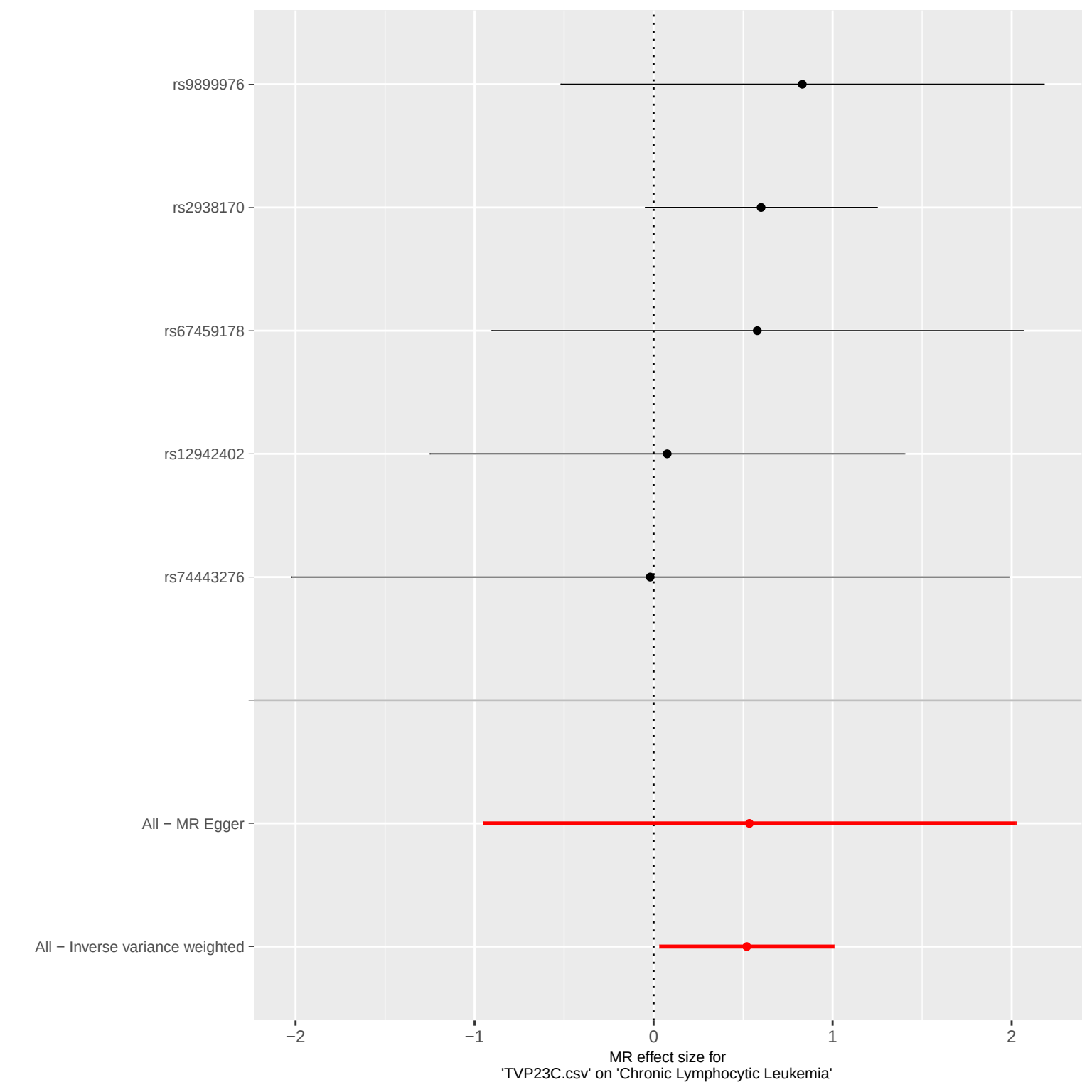
MR effect size for
'TUFM.csv' on 'Chronic Lymphocytic Leukemia'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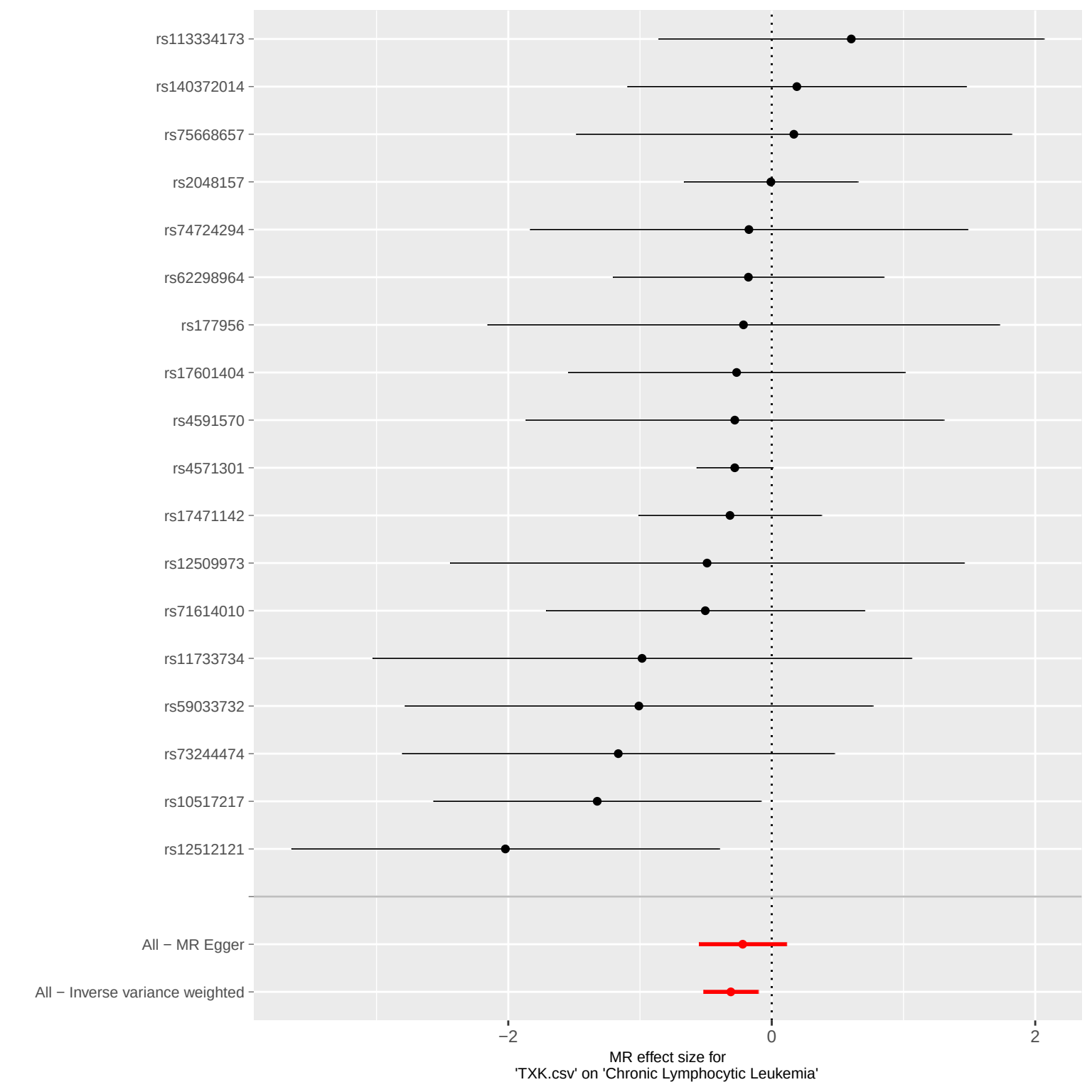
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'TVP23C.csv' on 'Chronic Lymphocytic Leukemia'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rs12509973
rs71614010
rs11733734
rs59033732
rs73244474
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All − MR Egger
All − Inverse variance weighted
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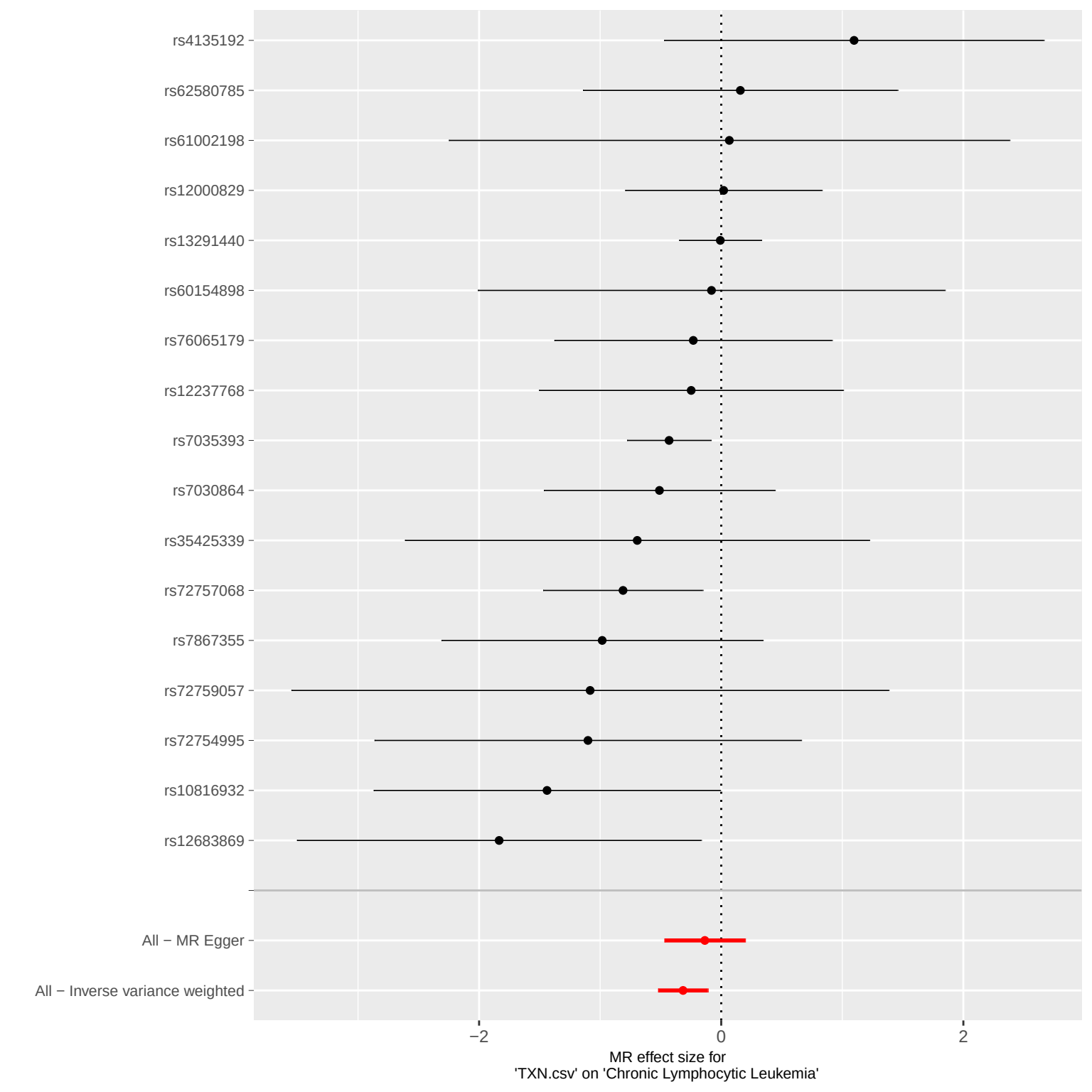
2
MR effect size for
'TXK.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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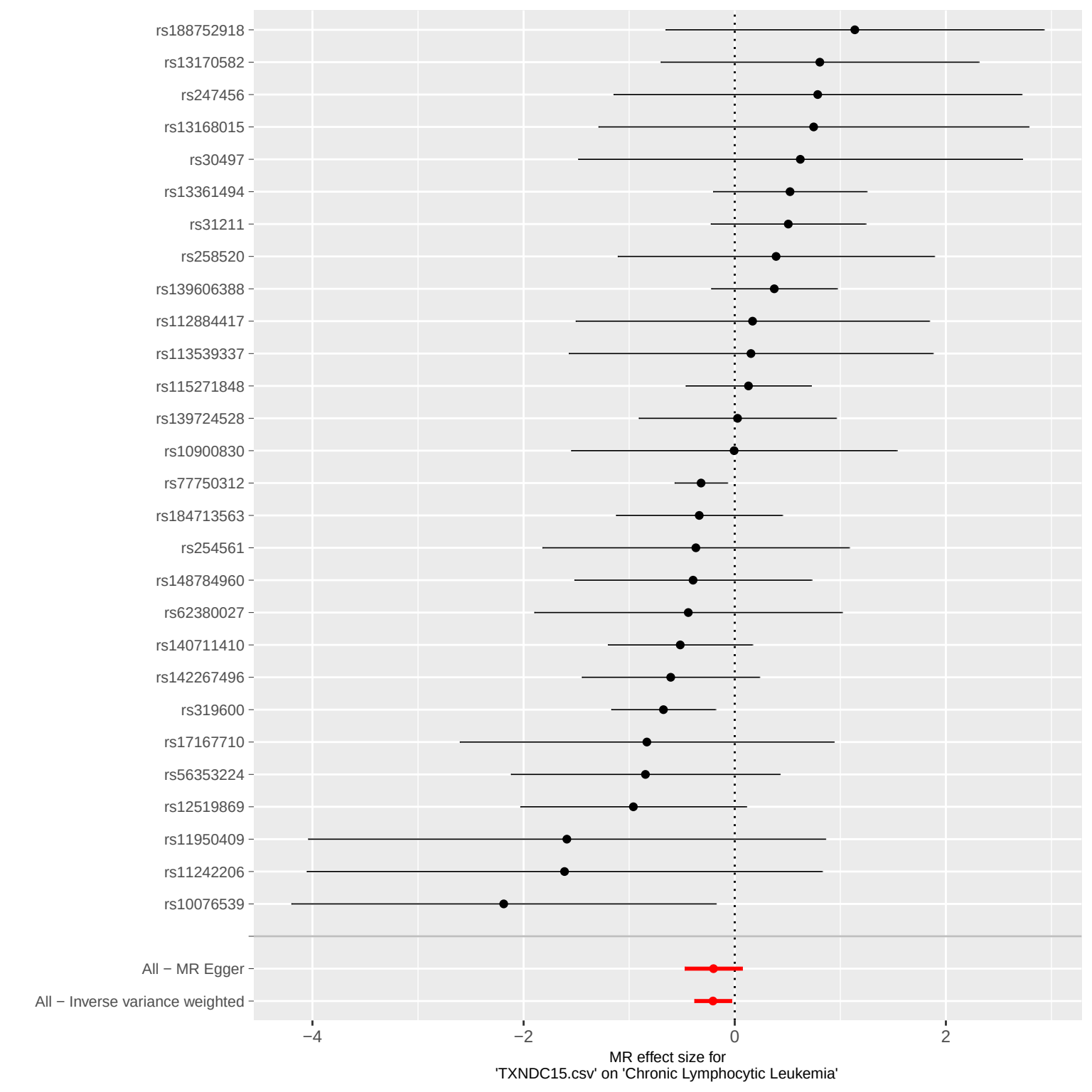
MR effect size for
'TXN.csv' on 'Chronic Lymphocytic Leukemia'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rs17167710
rs56353224
rs12519869
rs11950409
rs11242206
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All − MR Egger
All − Inverse variance weighted
−4
−2
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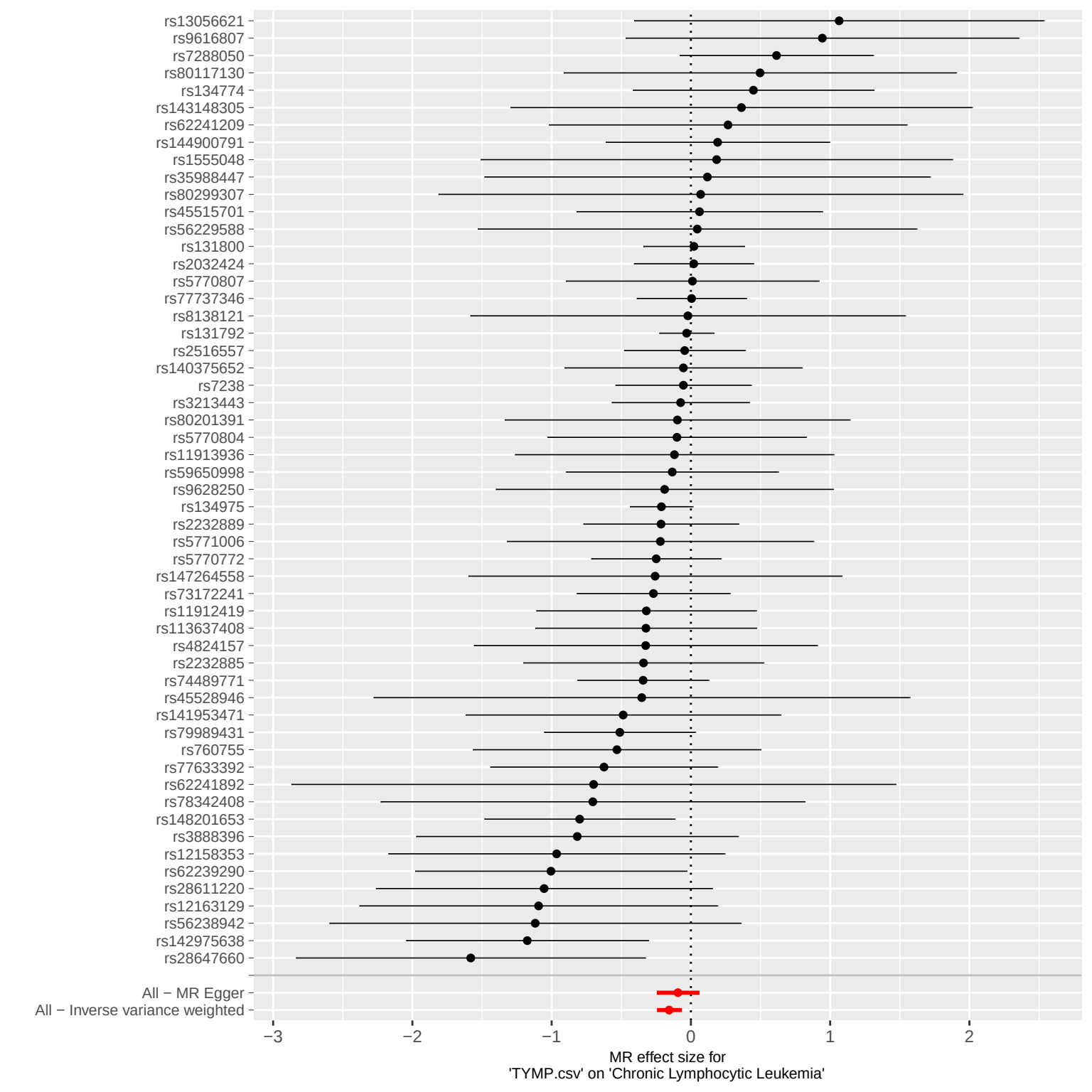
2
MR effect size for
'TXNDC15.csv' on 'Chronic Lymphocytic Leukemia'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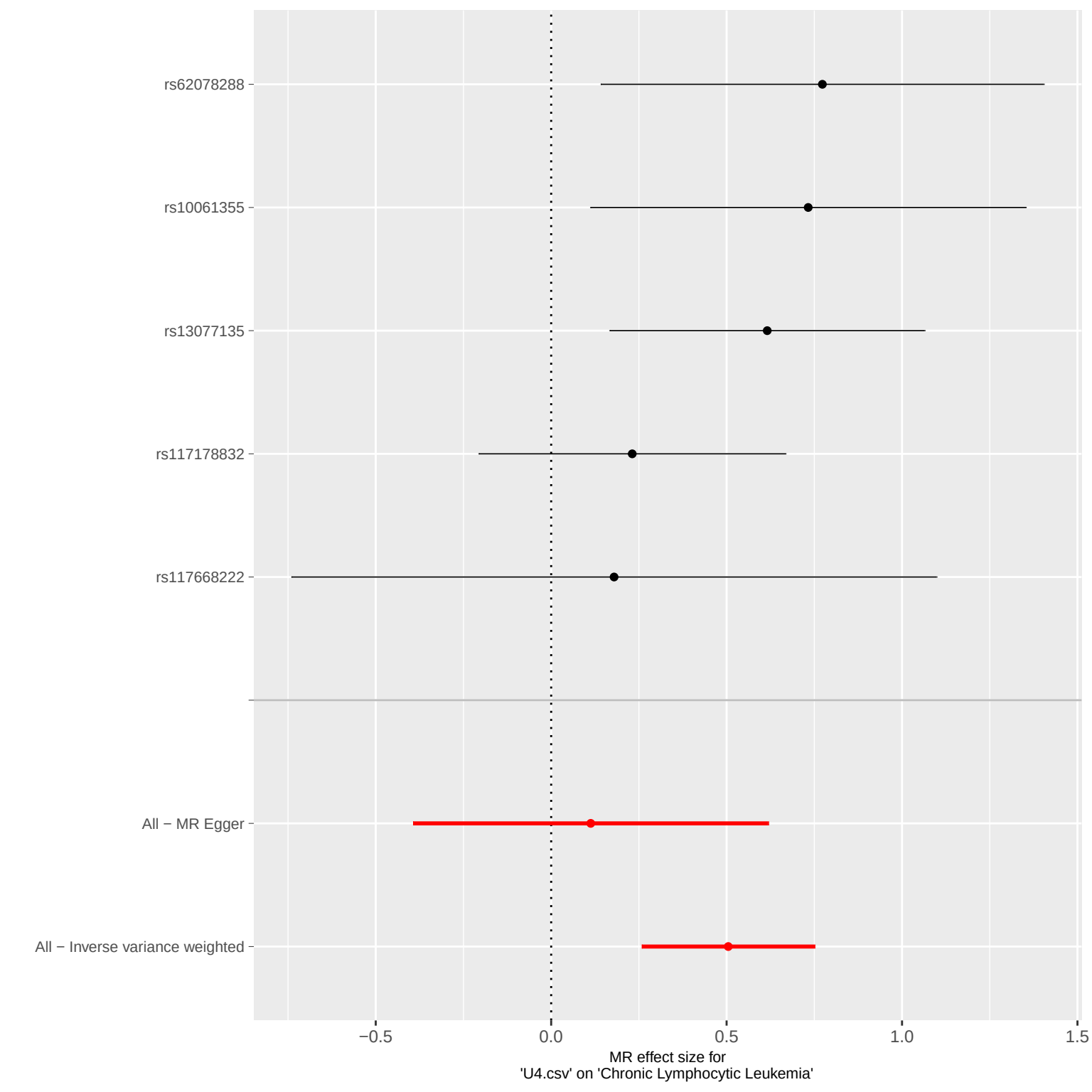
rs3888396
rs12158353
rs62239290
rs28611220
rs12163129
rs56238942
rs142975638
rs28647660
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'TYMP.csv' on 'Chronic Lymphocytic Leukemia'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rs117668222
All − MR Egger
All − Inverse variance weighted
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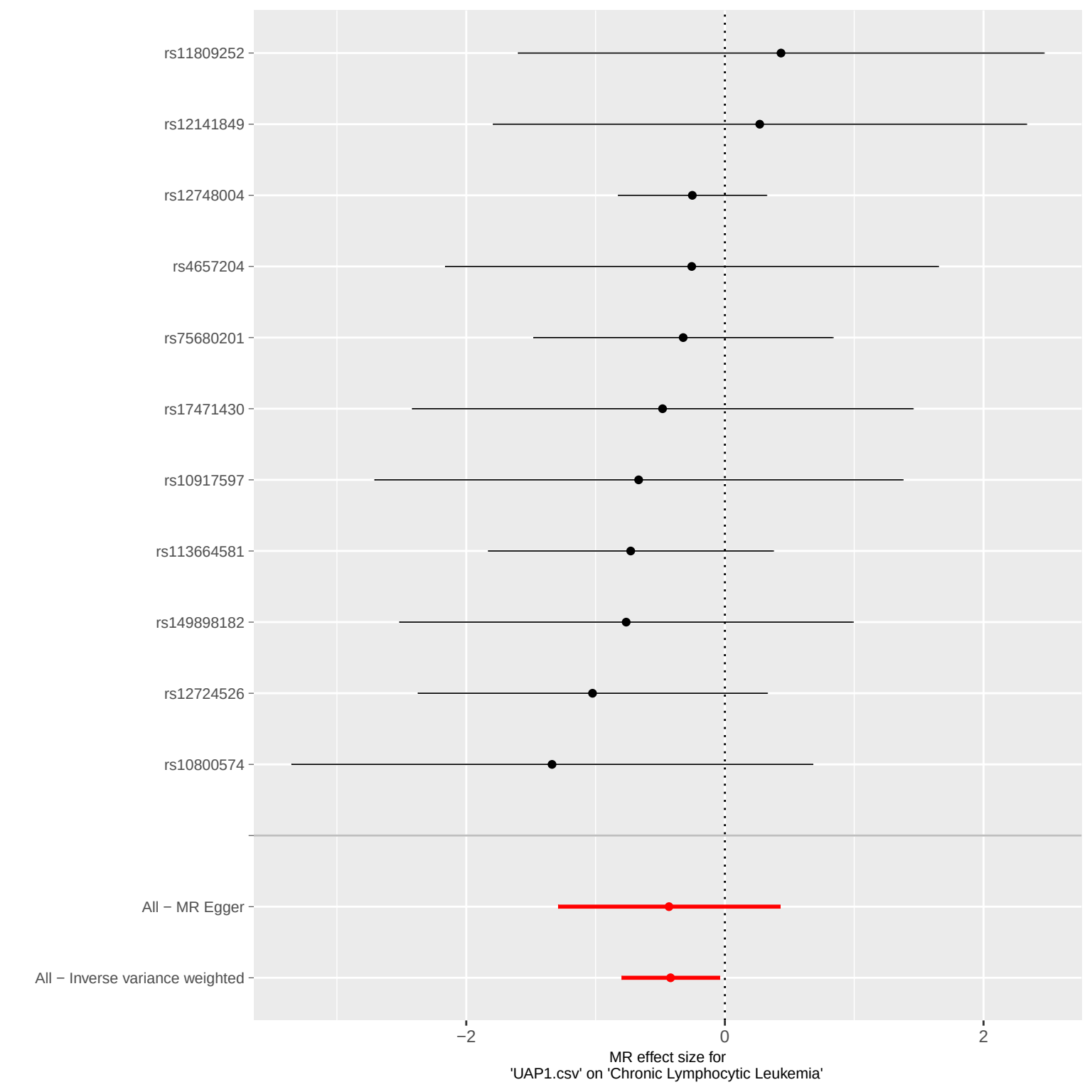
1.0
1.5
MR effect size for
'U4.csv' on 'Chronic Lymphocytic Leukemia'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rs75680201
rs17471430
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rs113664581
rs149898182
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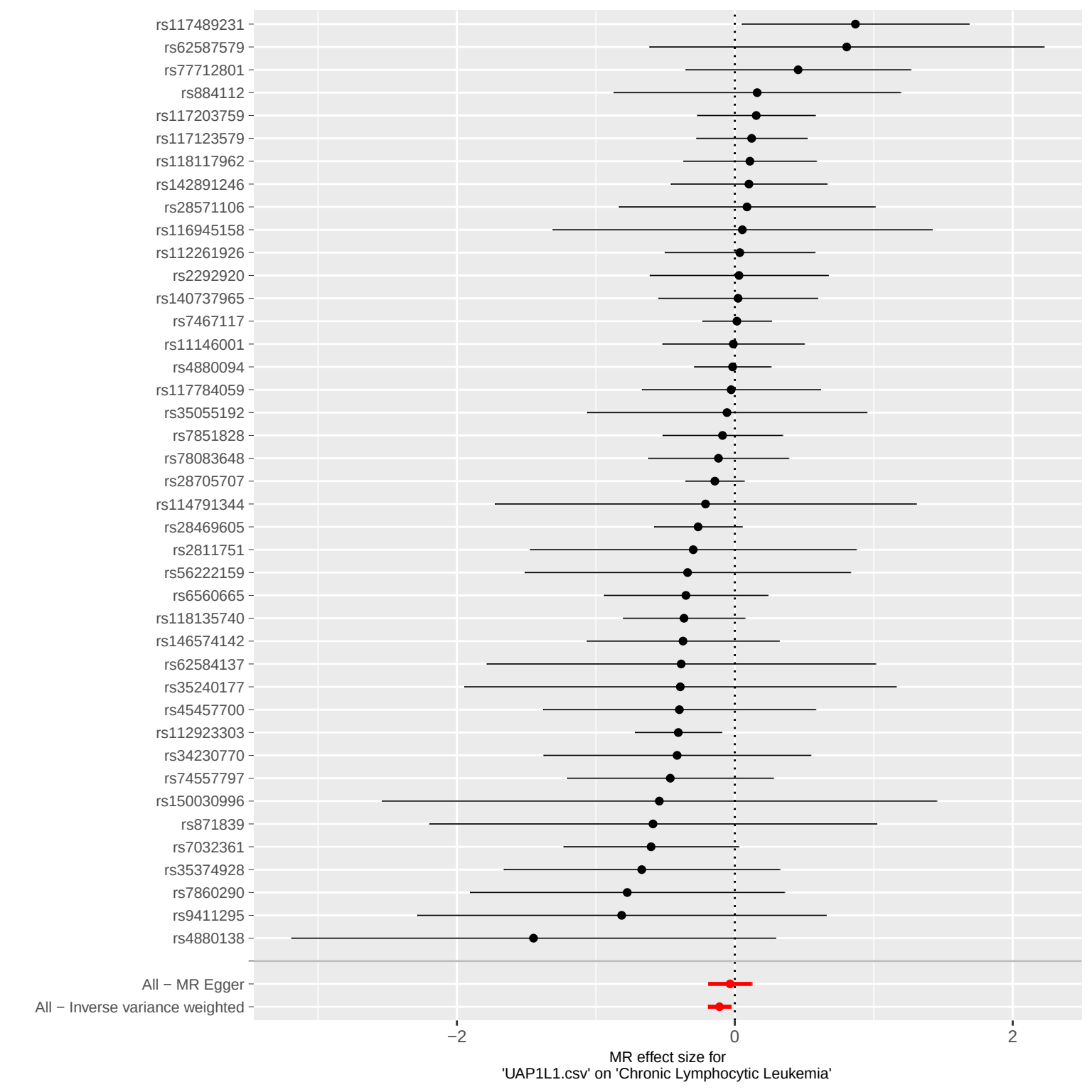
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'UAP1.csv' on 'Chronic Lymphocytic Leukemia'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rs35055192
rs7851828
rs78083648
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rs2811751
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rs45457700
rs112923303
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rs74557797
rs150030996
rs871839
rs7032361
rs35374928
rs7860290
rs9411295
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All − MR Egger
All − Inverse variance weighted
−2
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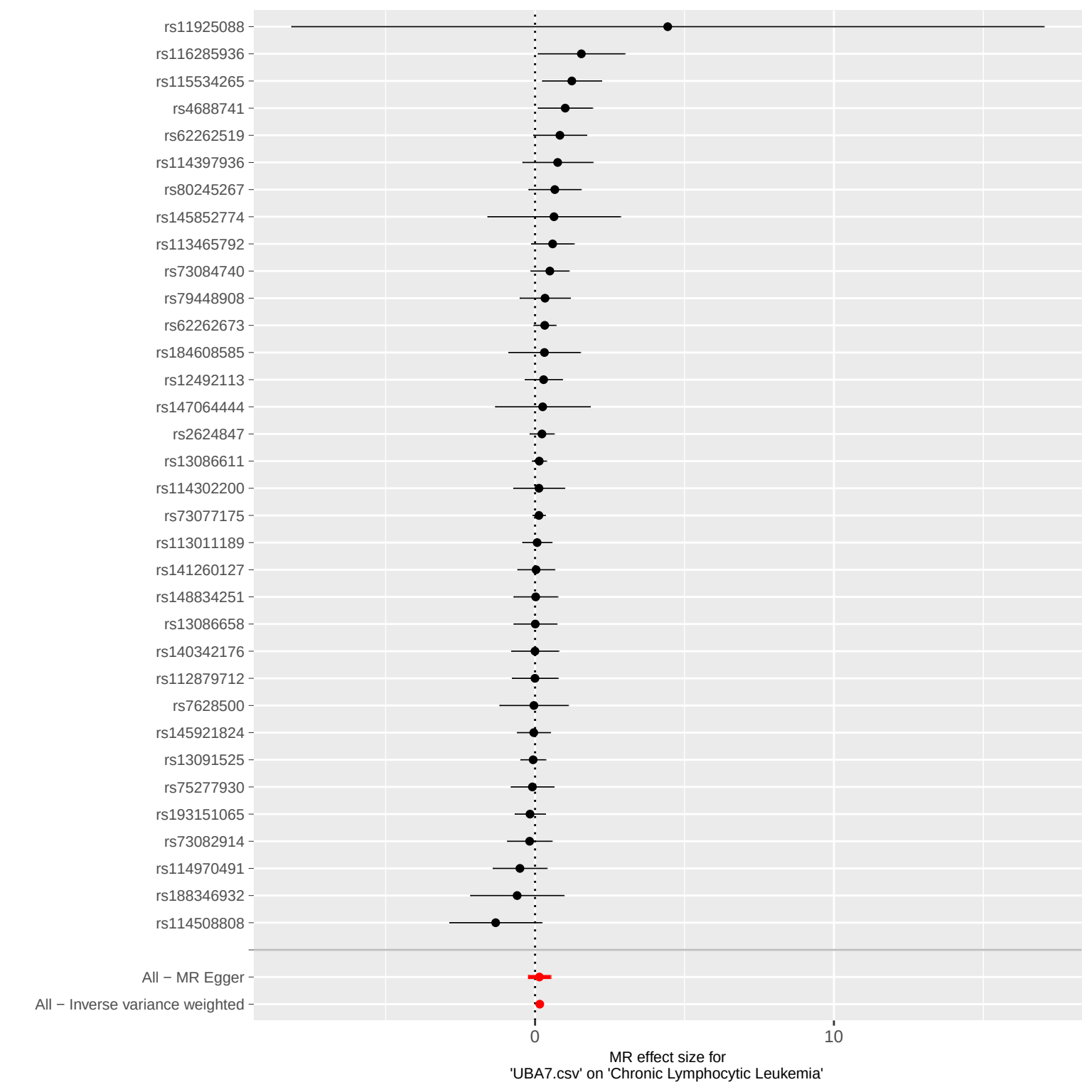
2
MR effect size for
'UAP1L1.csv' on 'Chronic Lymphocytic Leukemia'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rs148834251
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rs140342176
rs112879712
rs7628500
rs145921824
rs13091525
rs75277930
rs193151065
rs73082914
rs114970491
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All − MR Egger
All − Inverse variance weighted
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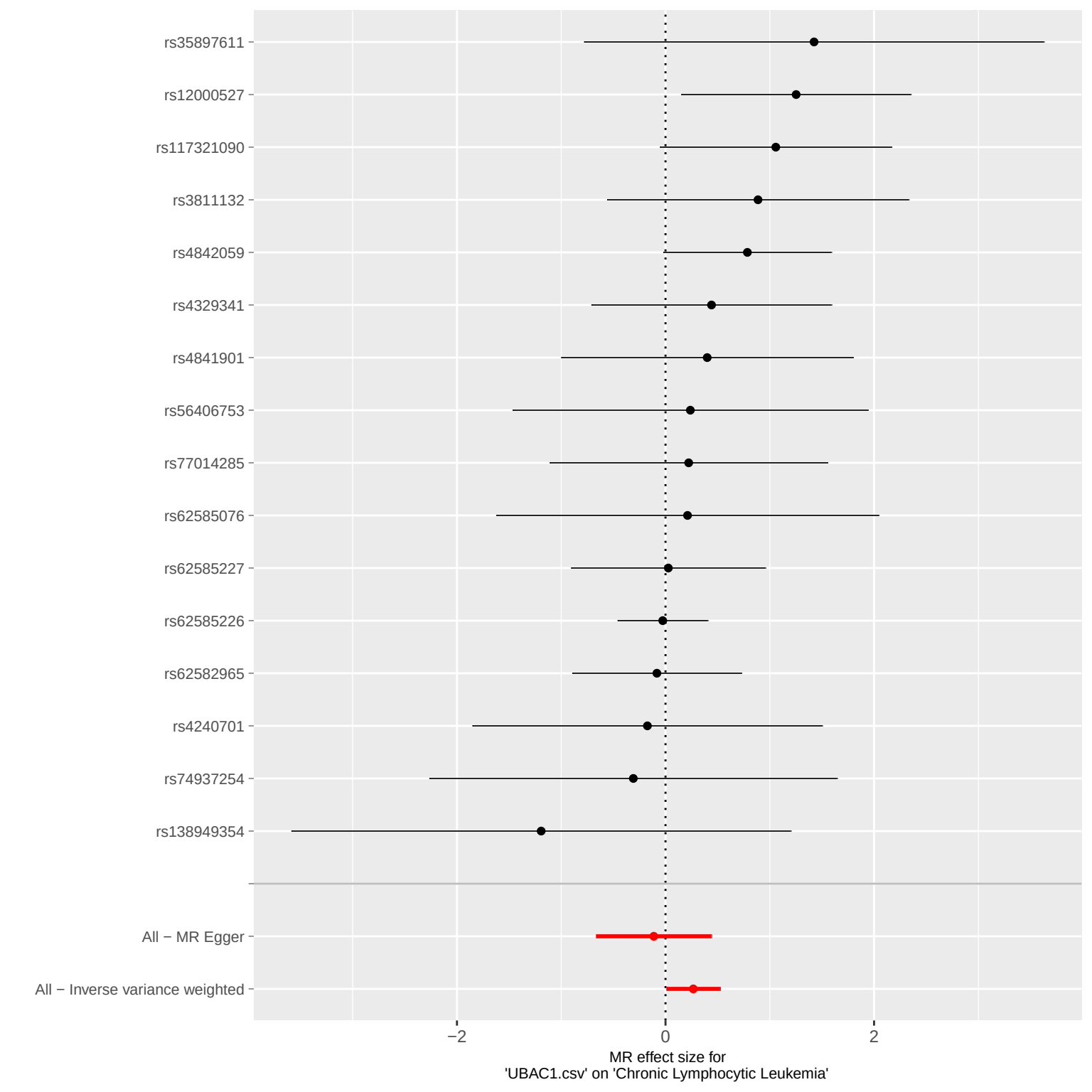
10
MR effect size for
'UBA7.csv' on 'Chronic Lymphocytic Leukemia'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rs62585226
rs62582965
rs4240701
rs74937254
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All − MR Egger
All − Inverse variance weighted
−2
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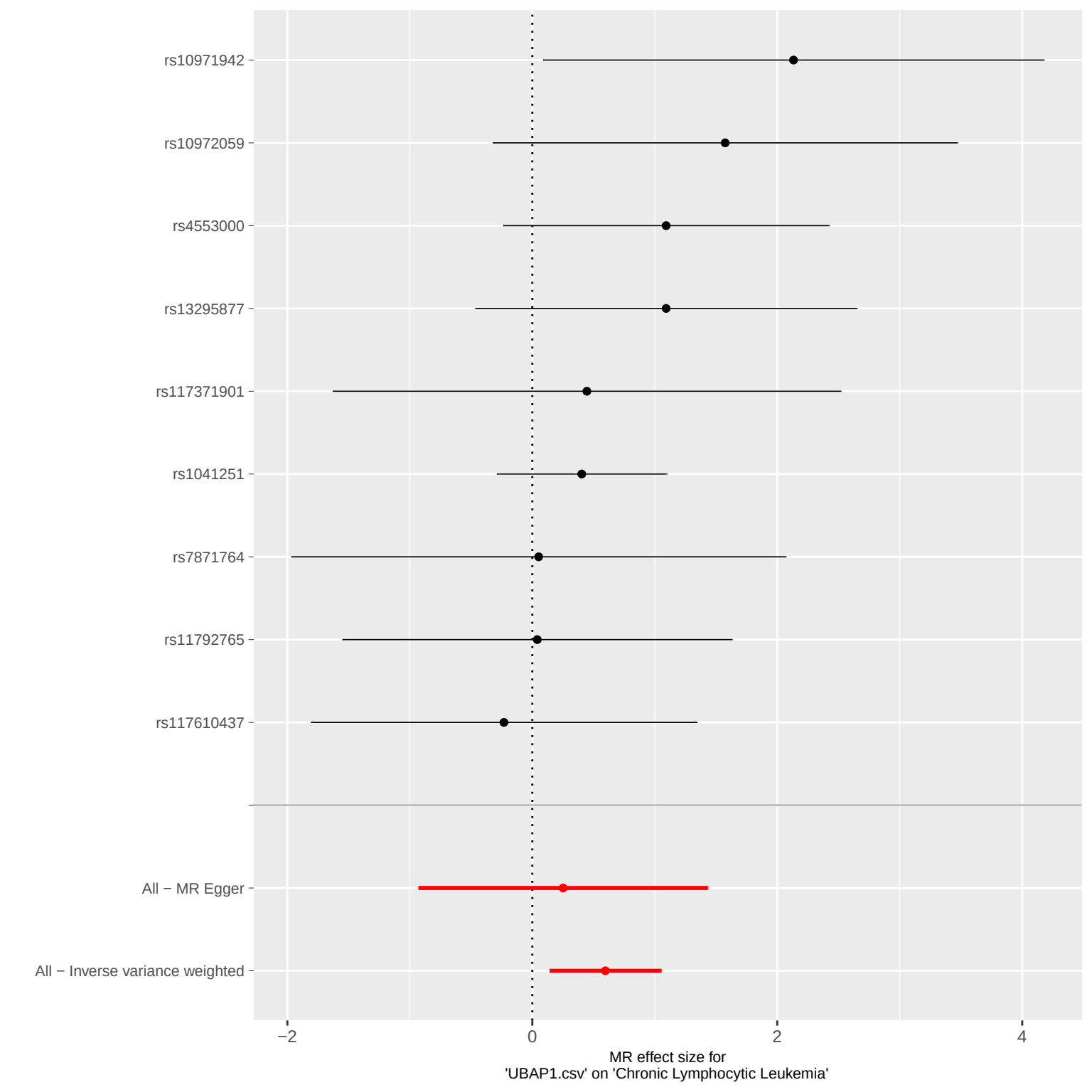
2
MR effect size for
'UBAC1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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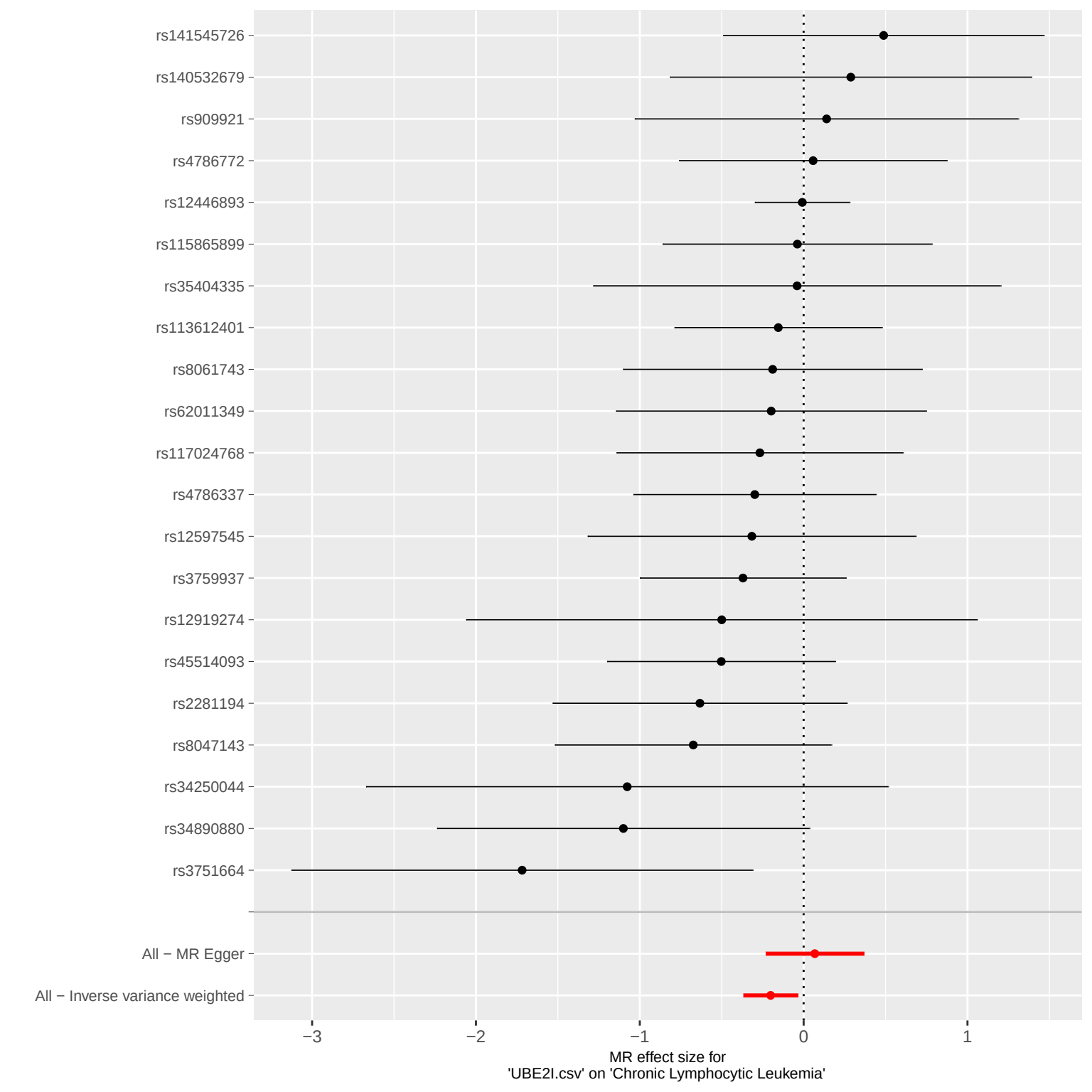
2
4
MR effect size for
'UBAP1.csv' on 'Chronic Lymphocytic Leukemia'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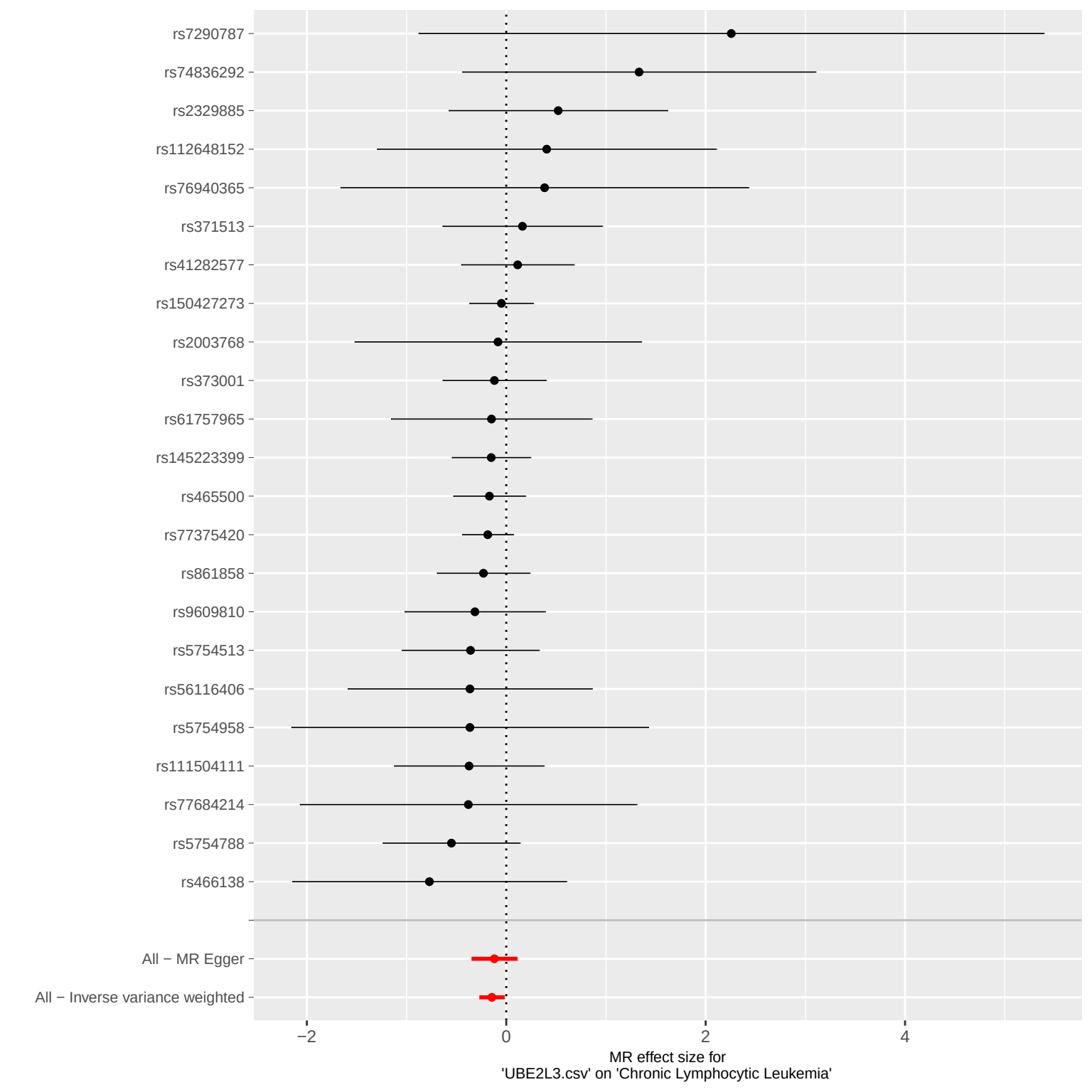
rs4786337
rs12597545
rs3759937
rs12919274
rs45514093
rs2281194
rs8047143
rs34250044
rs34890880
rs3751664
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'UBE2I.csv' on 'Chronic Lymphocytic Leukemia'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rs145223399
rs465500
rs77375420
rs861858
rs9609810
rs5754513
rs56116406
rs5754958
rs111504111
rs77684214
rs5754788
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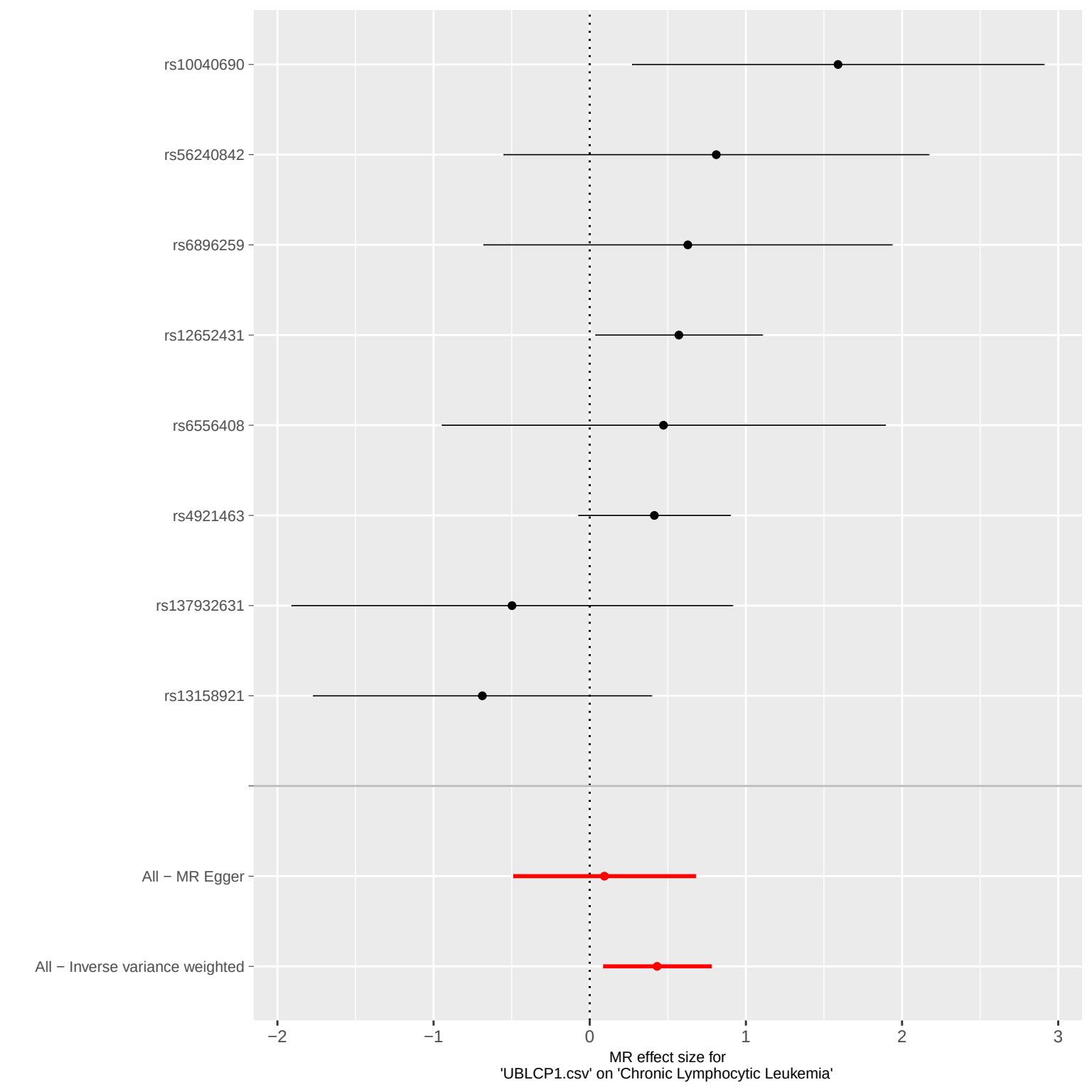
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'UBE2L3.csv' on 'Chronic Lymphocytic Leukemia'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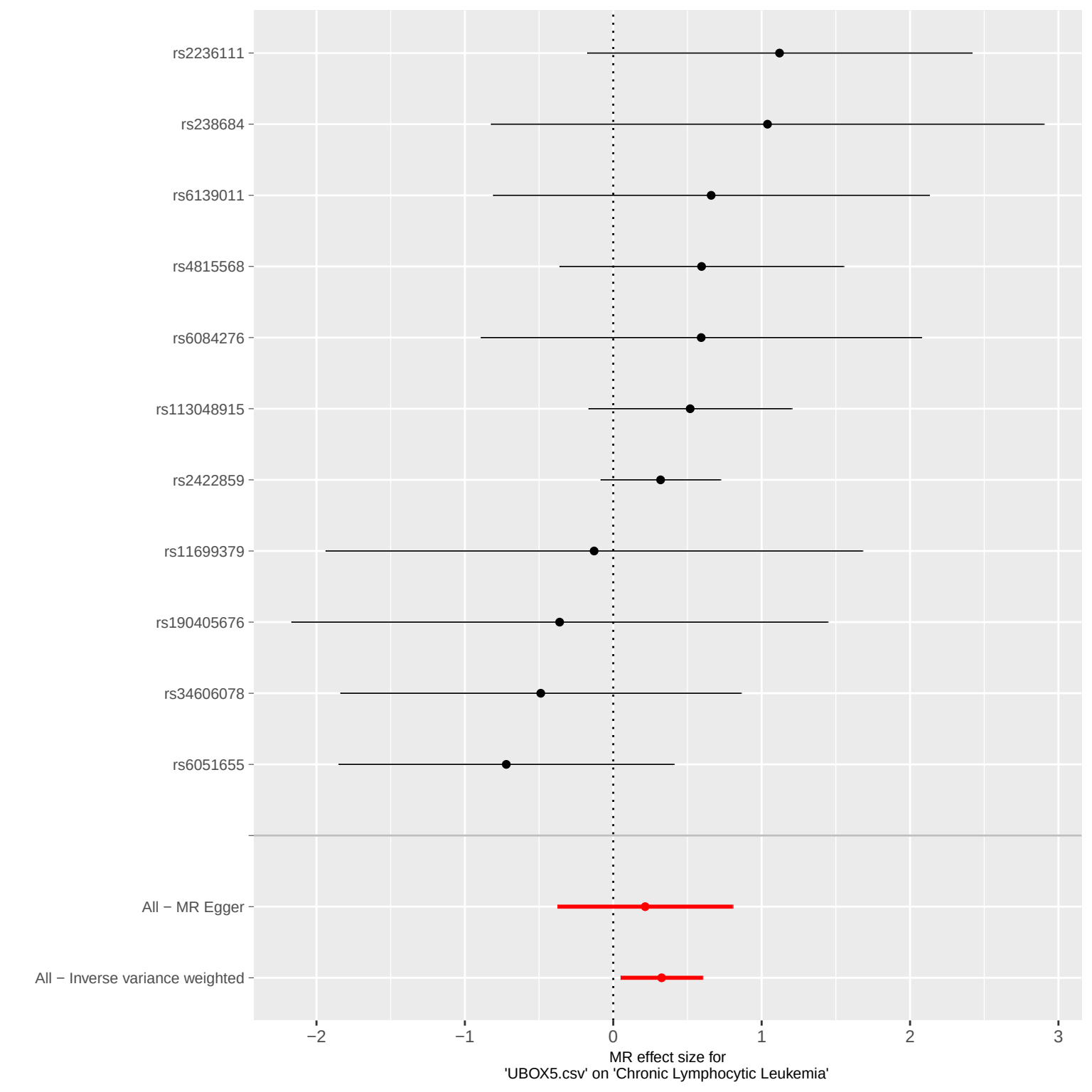
rs56240842
rs6896259
rs12652431
rs6556408
rs4921463
rs137932631
rs13158921
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'UBLCP1.csv' on 'Chronic Lymphocytic Leukemia'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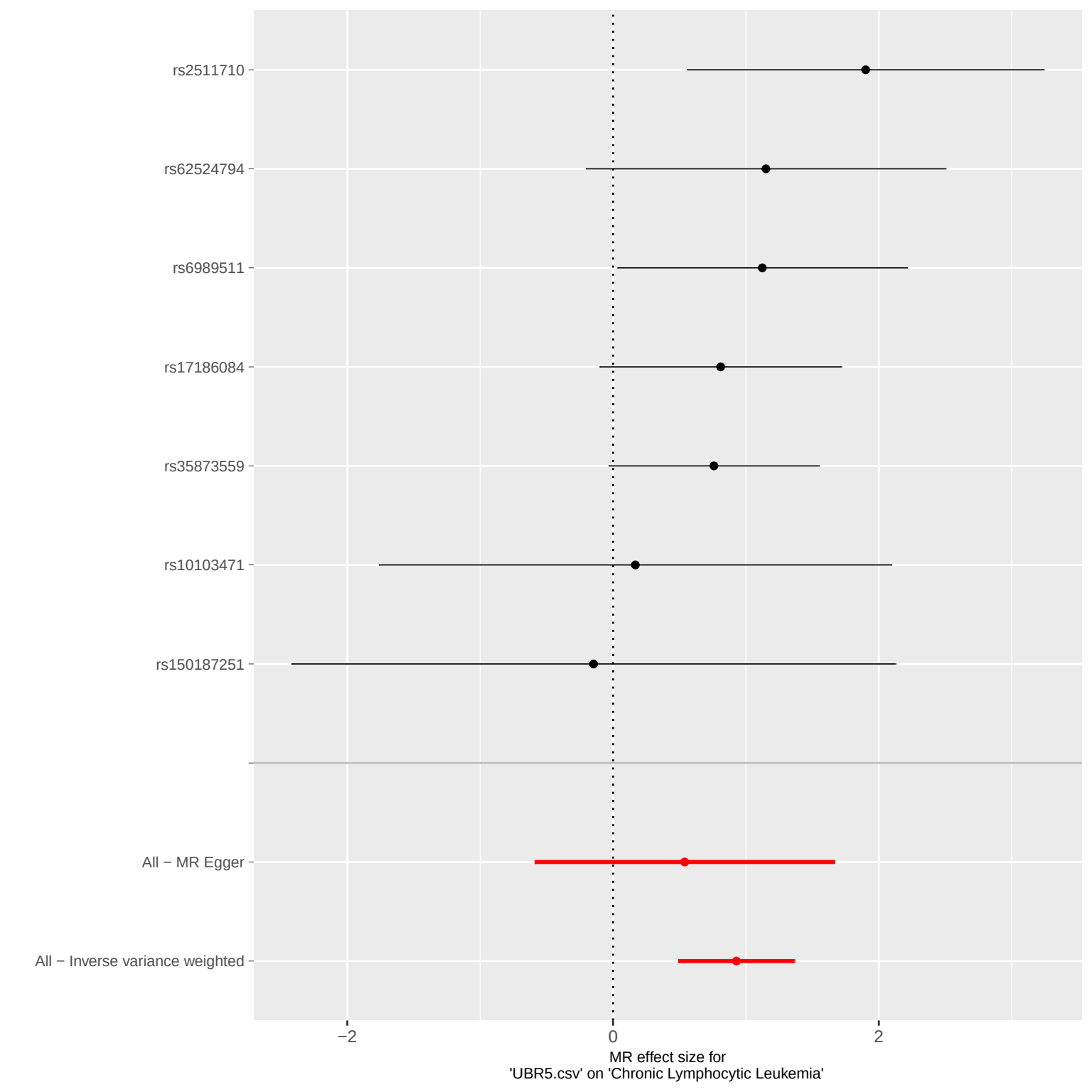
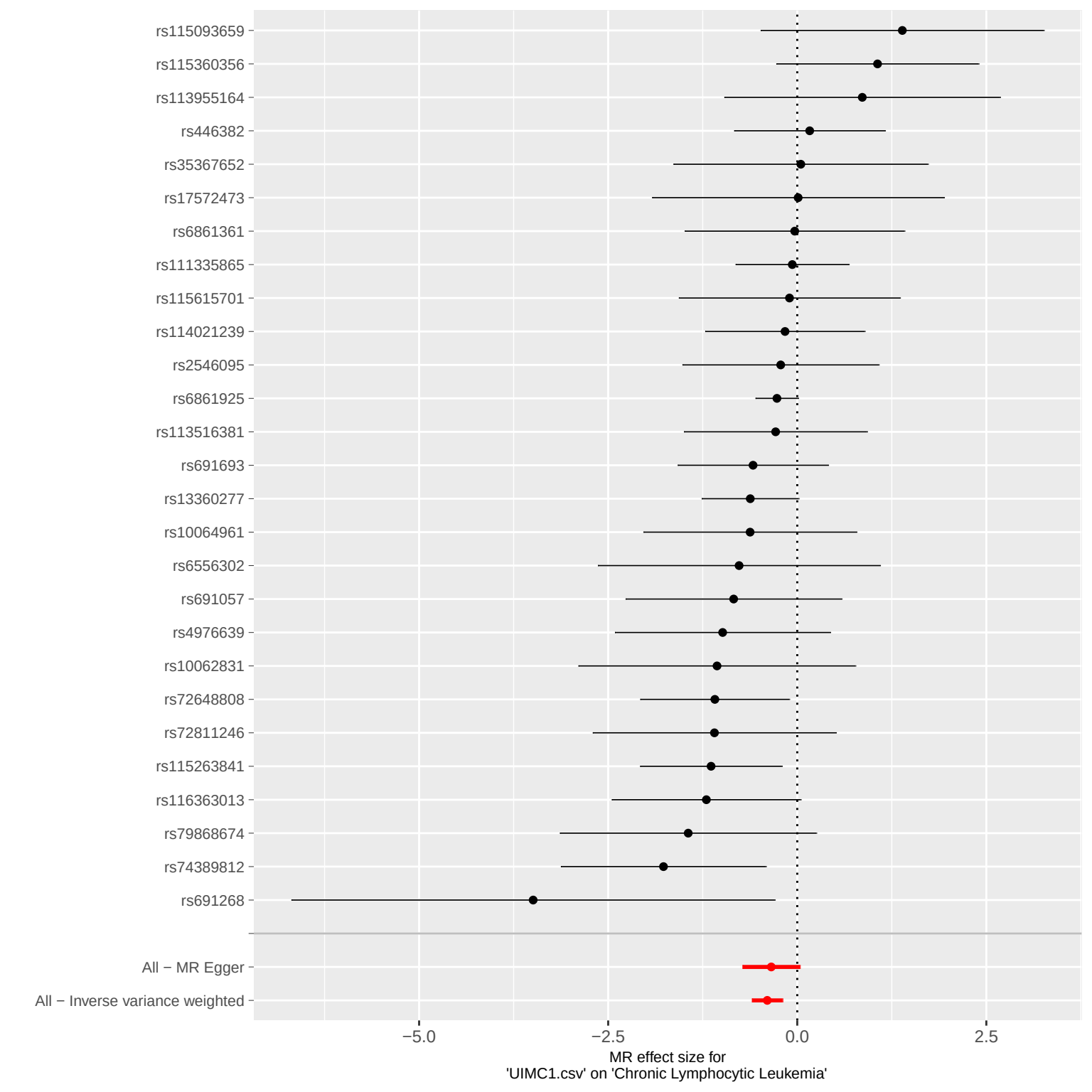
rs190405676
rs34606078
rs6051655
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'UBOX5.csv' on 'Chronic Lymphocytic Leukemia'


rs2511710
rs62524794
rs6989511
rs17186084
rs35873559
rs10103471
rs150187251
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'UBR5.csv' on 'Chronic Lymphocytic Leukemia'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rs691057
rs4976639
rs10062831
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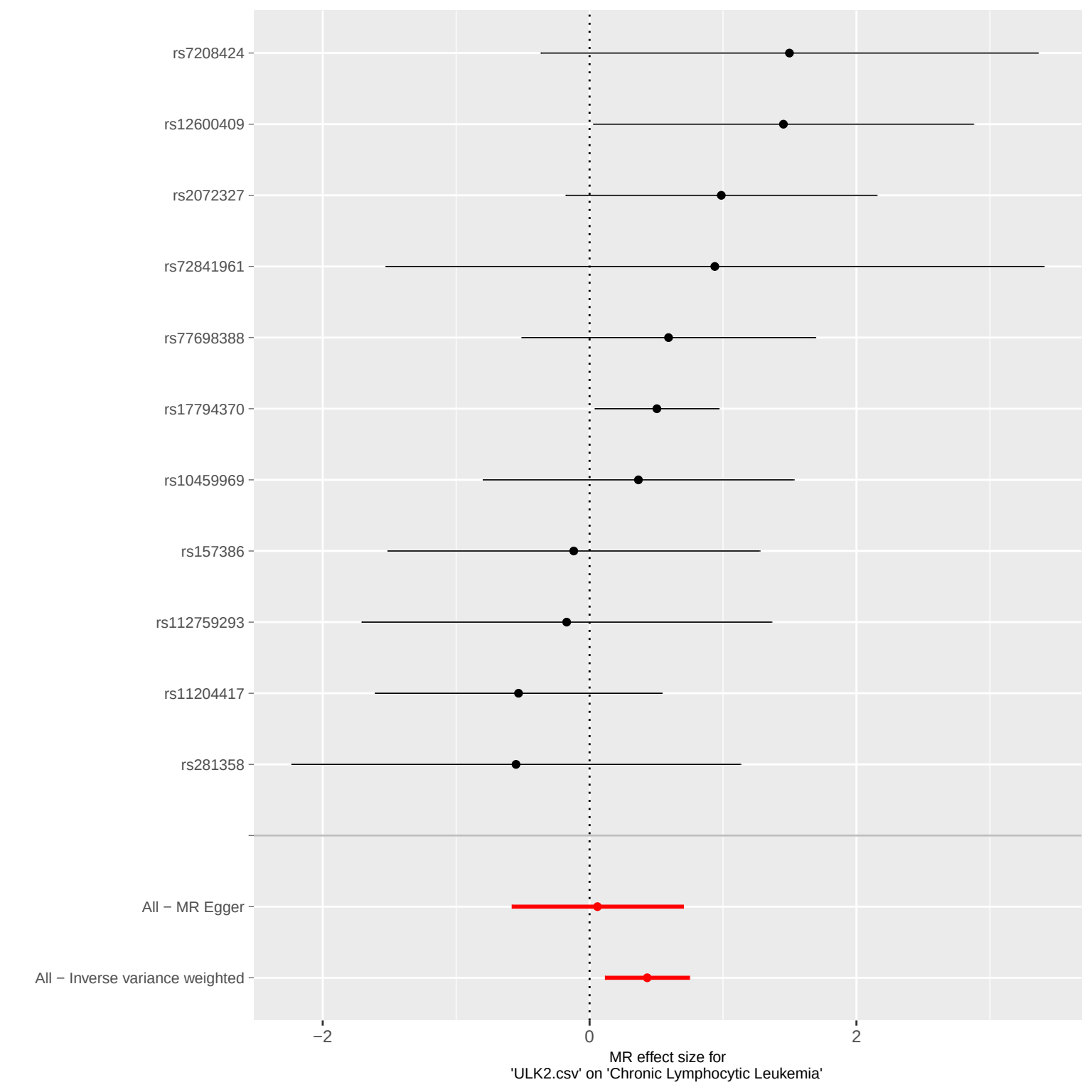
rs115263841
rs116363013
rs79868674
rs74389812
rs691268
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'UIMC1.csv' on 'Chronic Lymphocytic Leukemia'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rs12600409
rs2072327
rs72841961
rs77698388
rs17794370
rs10459969
rs157386
rs112759293
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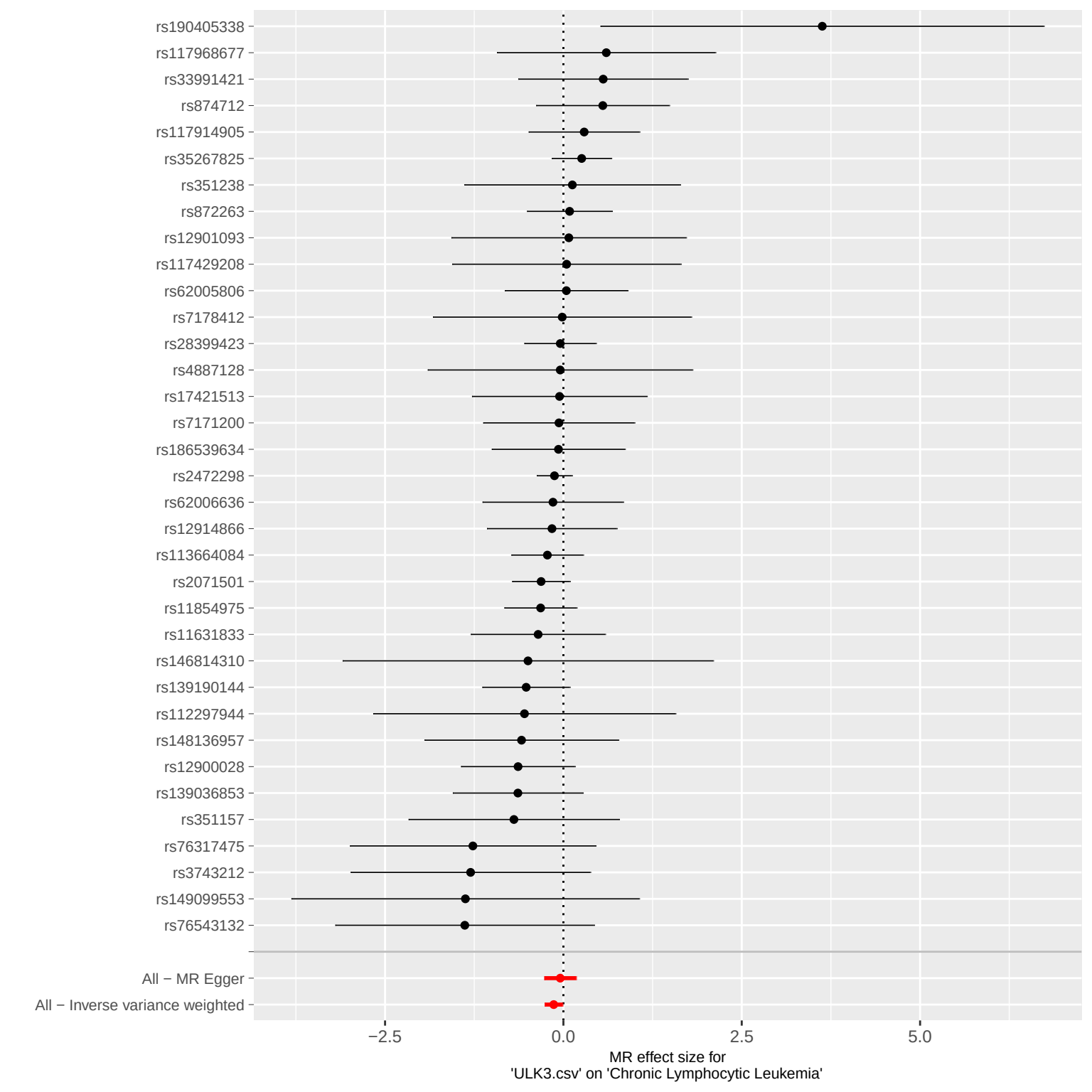
rs281358
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ULK2.csv' on 'Chronic Lymphocytic Leukemia'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rs7178412
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rs62006636
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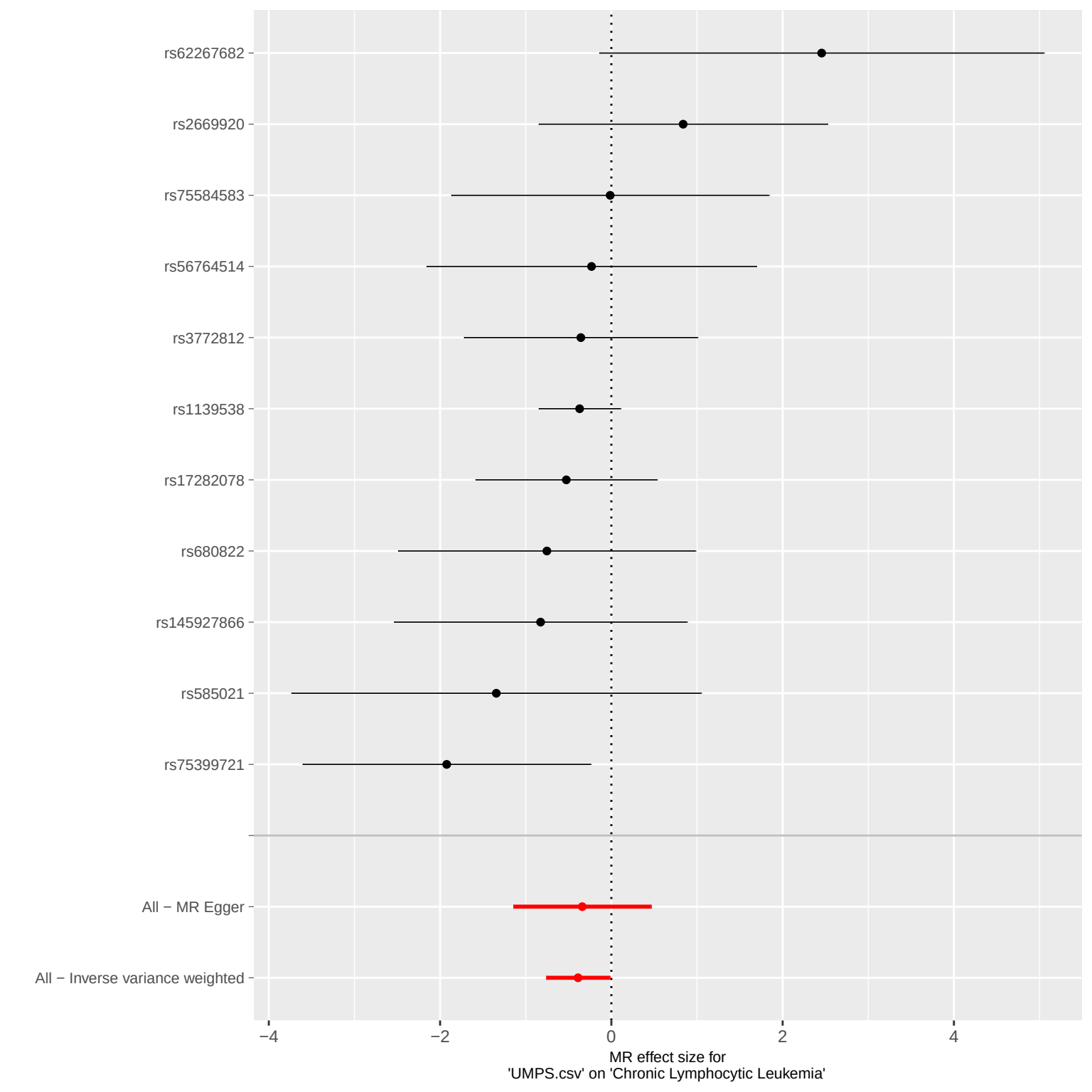
rs112297944
rs148136957
rs12900028
rs139036853
rs351157
rs76317475
rs3743212
rs149099553
rs76543132
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ULK3.csv' on 'Chronic Lymphocytic Leukemia'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rs145927866
rs585021
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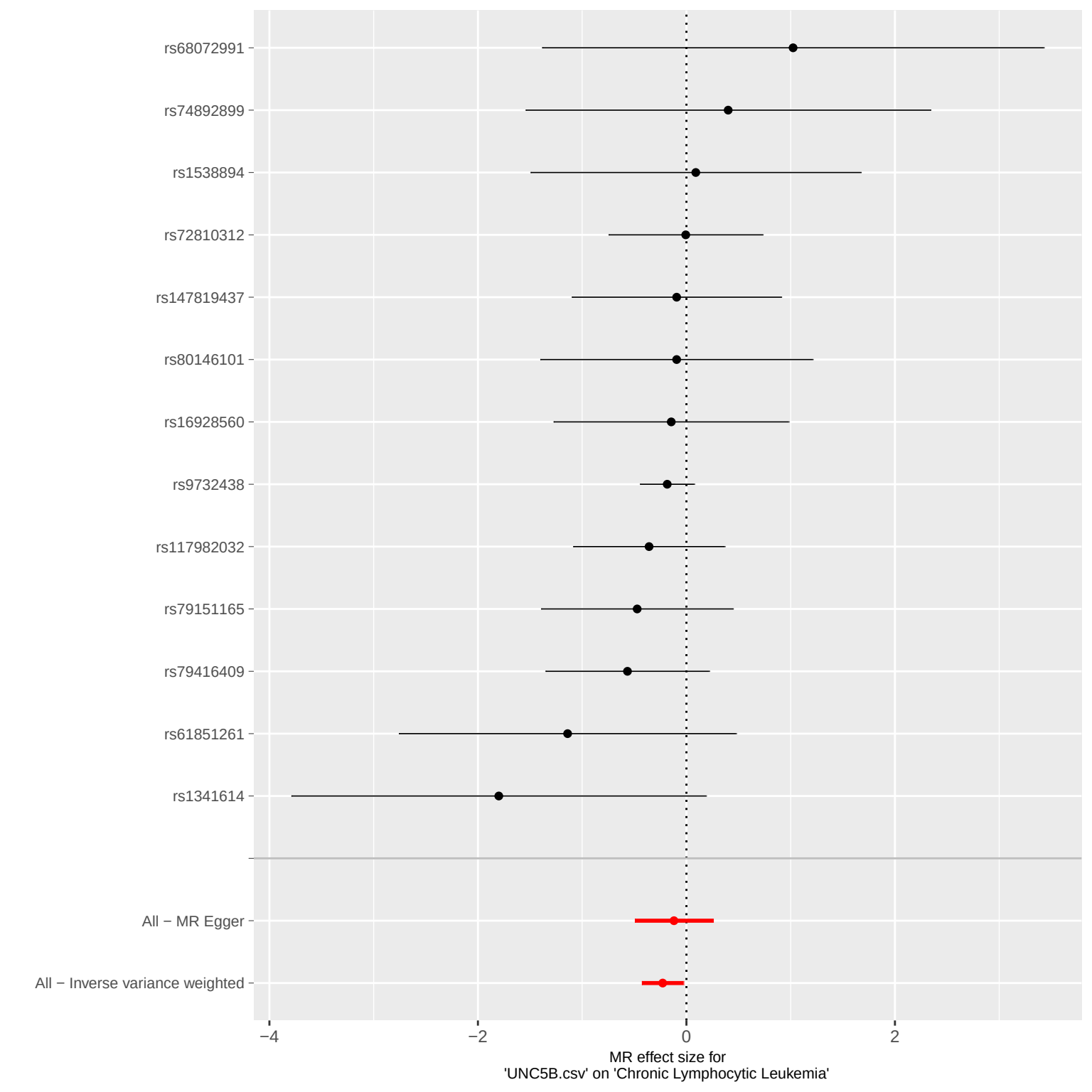
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'UMPS.csv' on 'Chronic Lymphocytic Leukemia'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rs79416409
rs61851261
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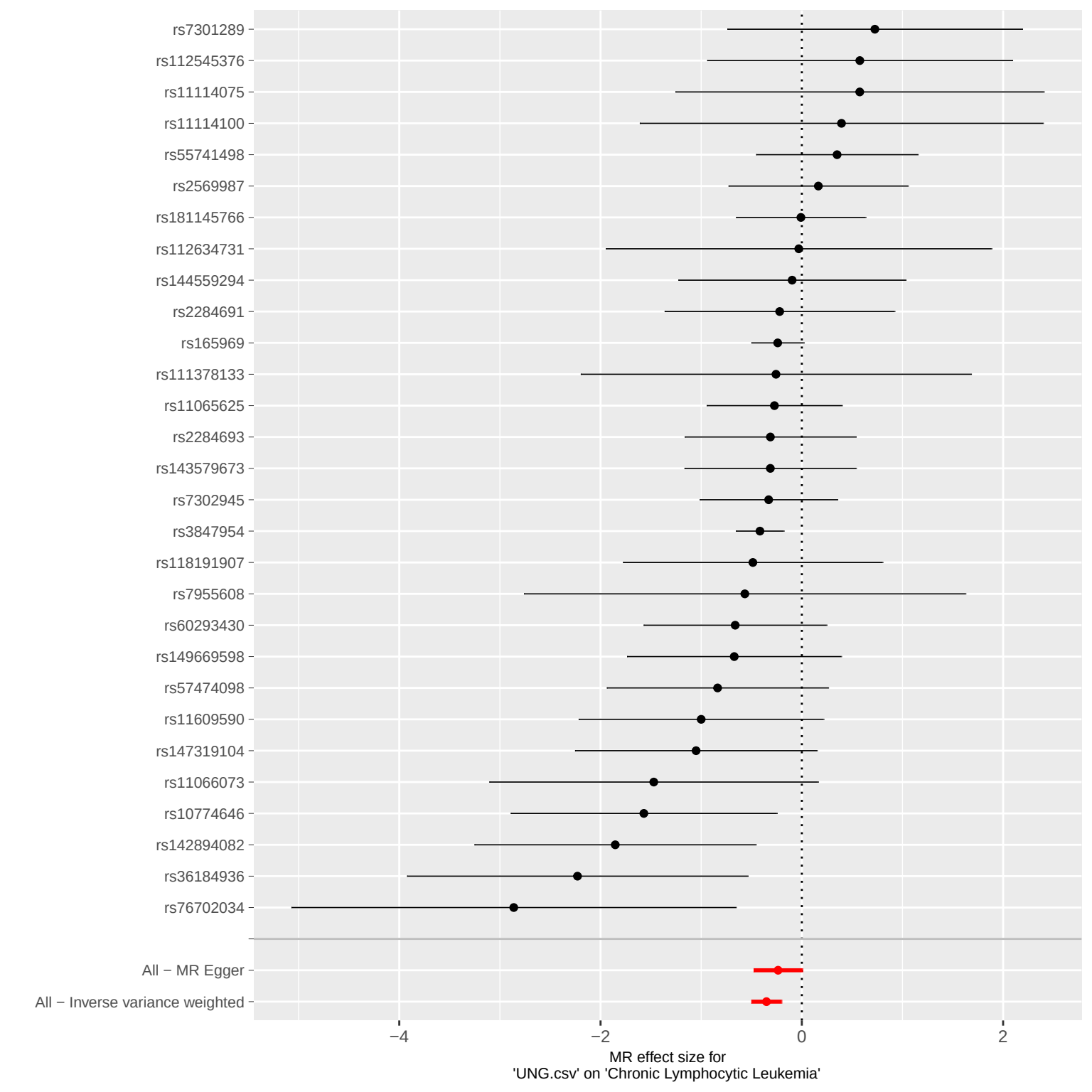
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'UNC5B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−4
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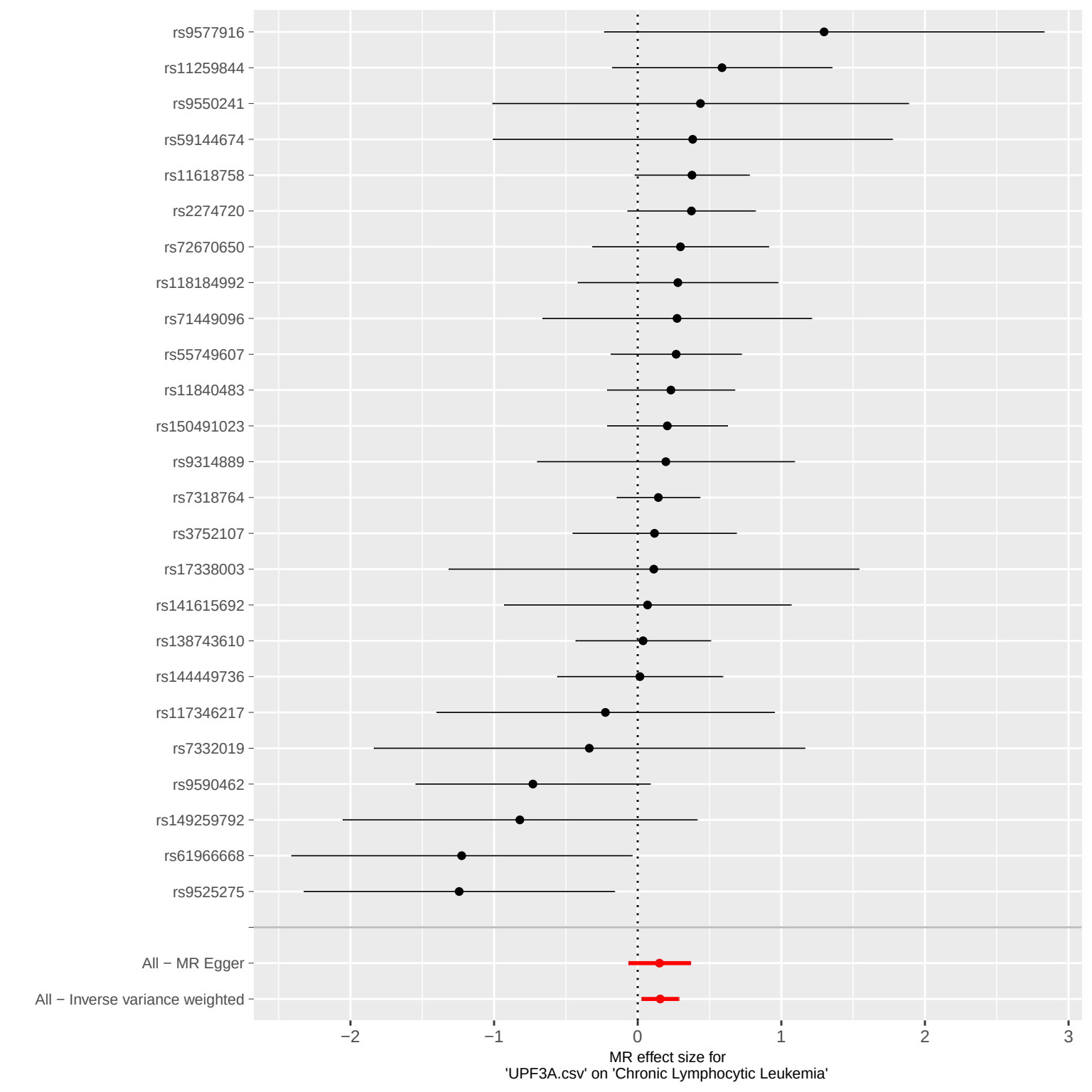
2
MR effect size for
'UNG.csv' on 'Chronic Lymphocytic Leukemia'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rs150491023
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rs3752107
rs17338003
rs141615692
rs138743610
rs144449736
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rs7332019
rs9590462
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rs61966668
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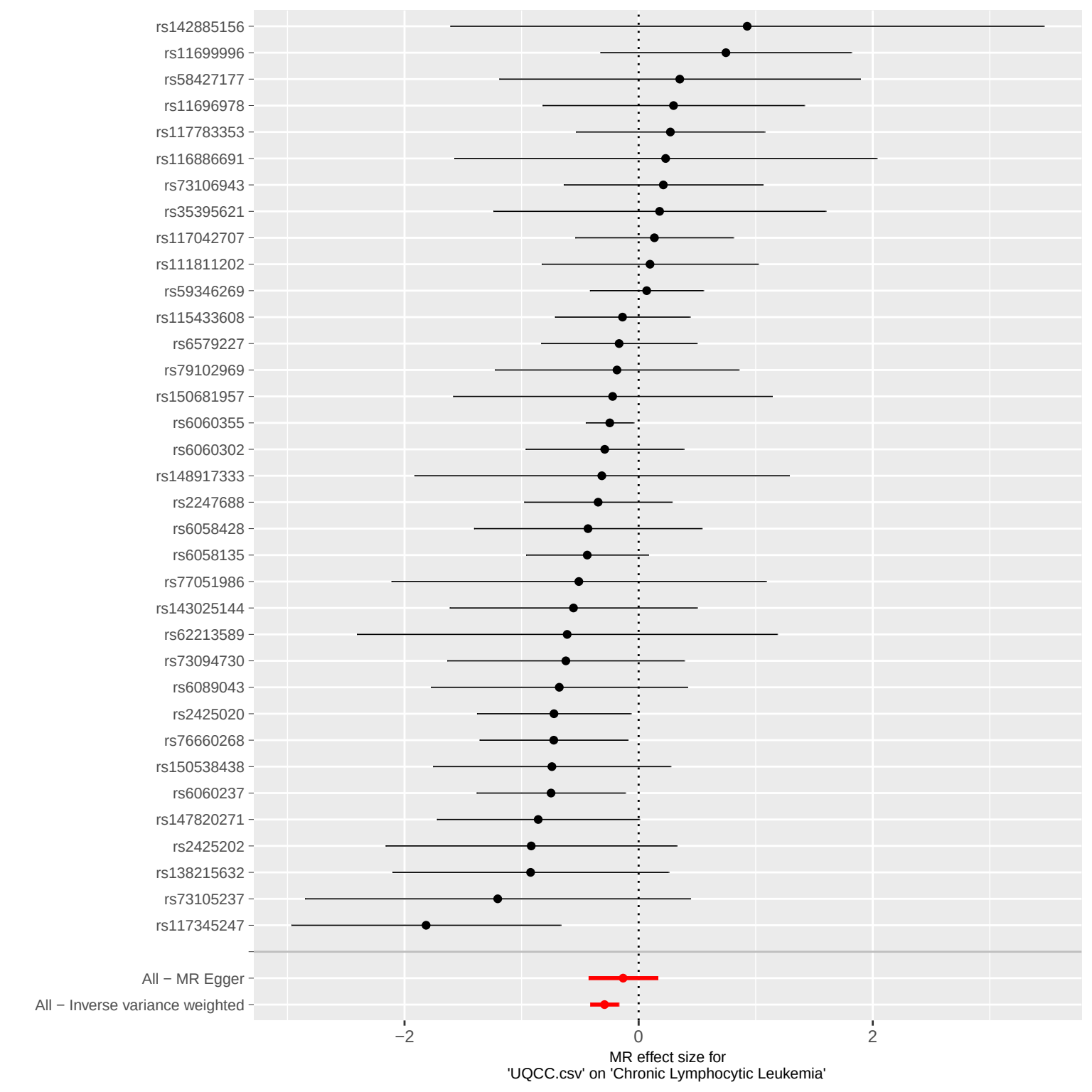
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'UPF3A.csv' on 'Chronic Lymphocytic Leukemia'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rs147820271
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rs138215632
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All − MR Egger
All − Inverse variance weighted
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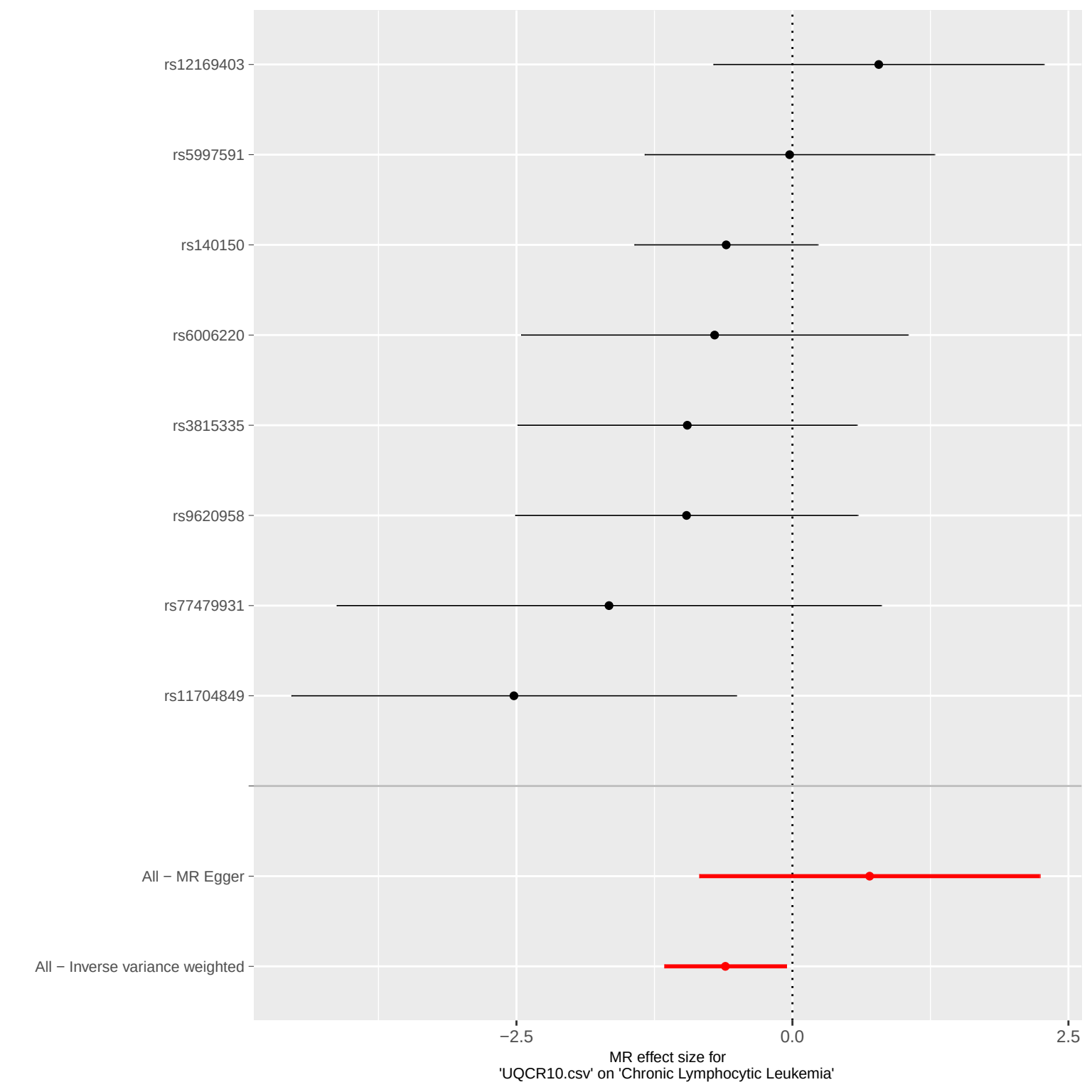
MR effect size for
'UQCC.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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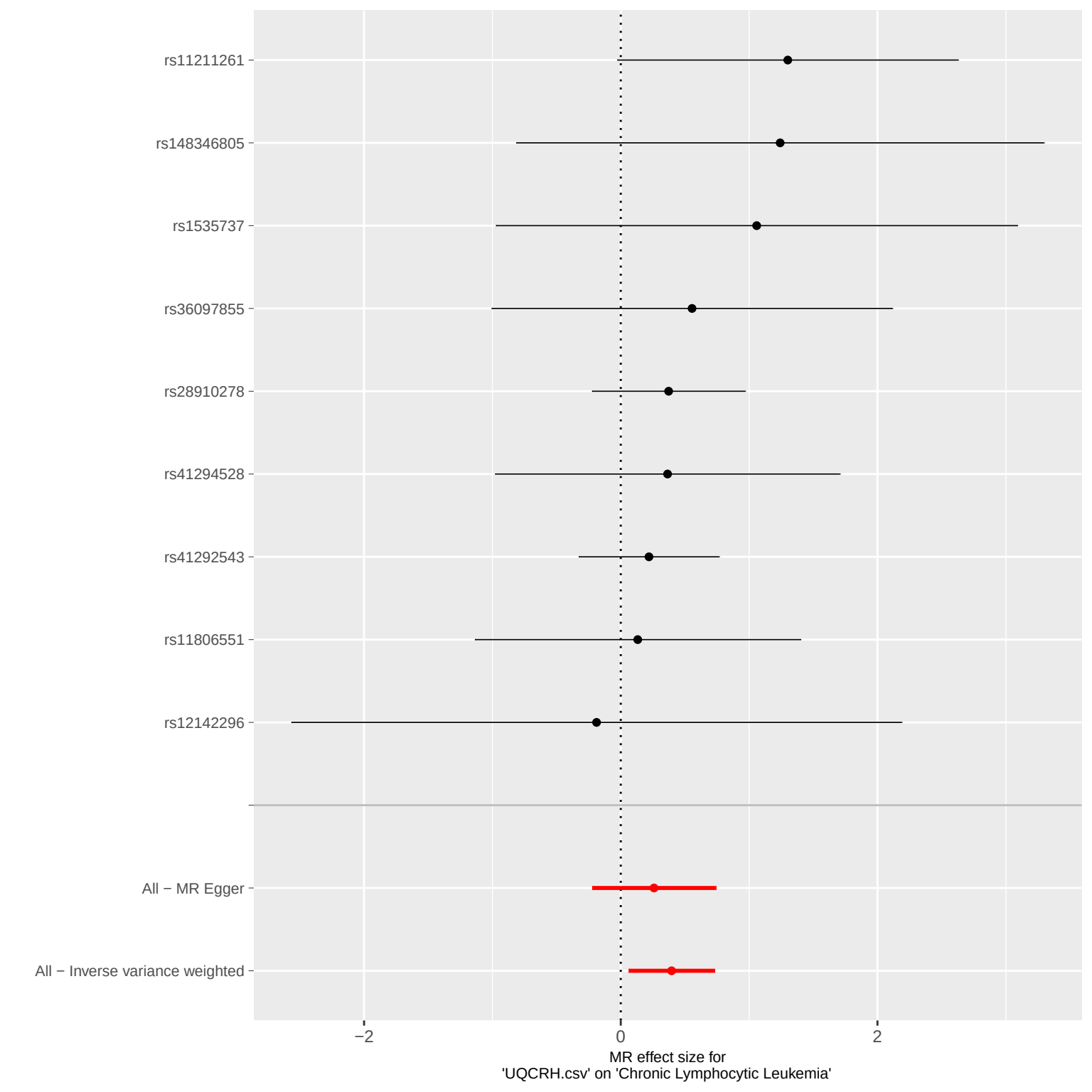
0.0
2.5
MR effect size for
'UQCR10.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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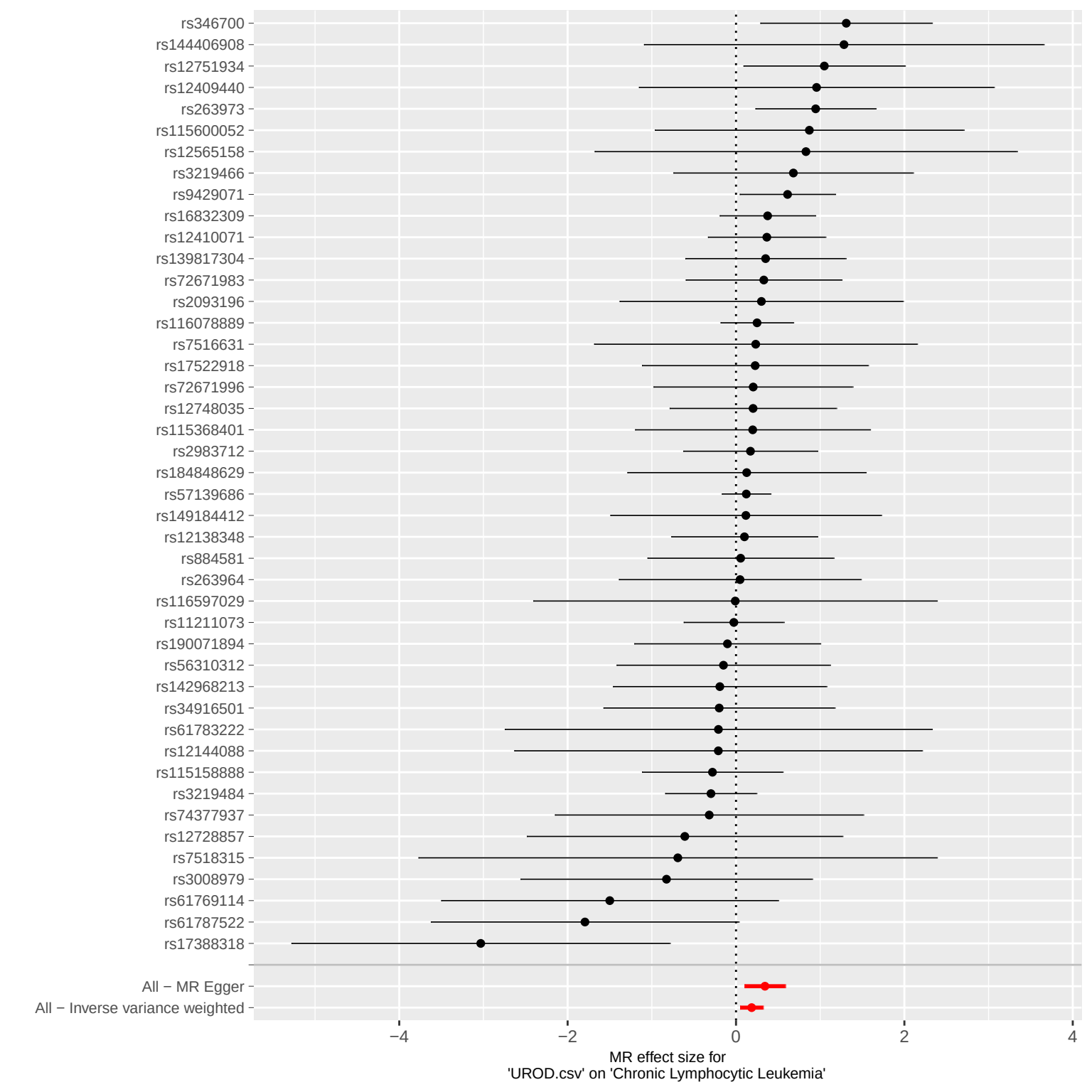
2
MR effect size for
'UQCRH.csv' on 'Chronic Lymphocytic Leukemia'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rs12728857
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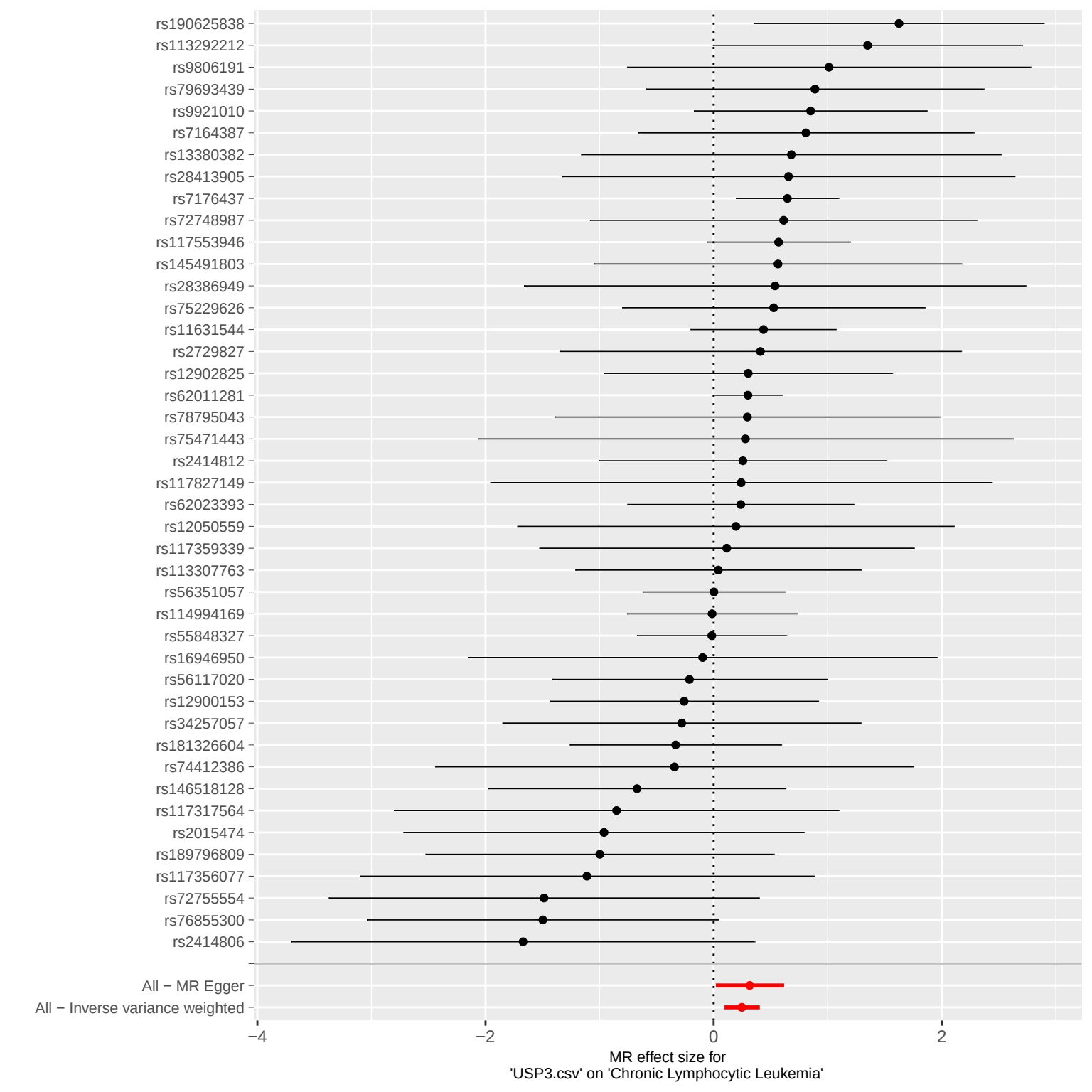
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'UROD.csv' on 'Chronic Lymphocytic Leukemia'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rs117356077
rs72755554
rs76855300
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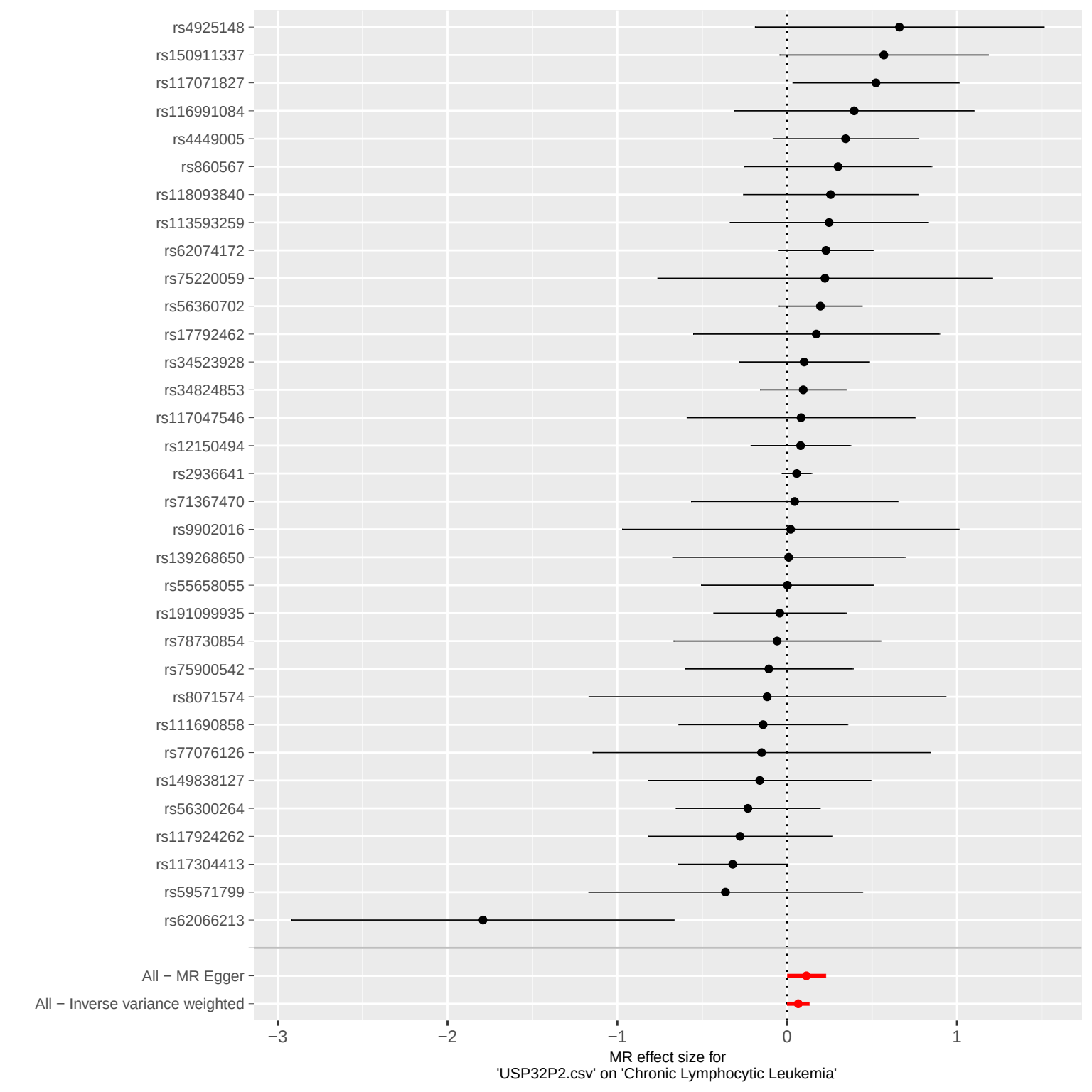
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'USP3.csv' on 'Chronic Lymphocytic Leukemia'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rs8071574
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rs77076126
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rs56300264
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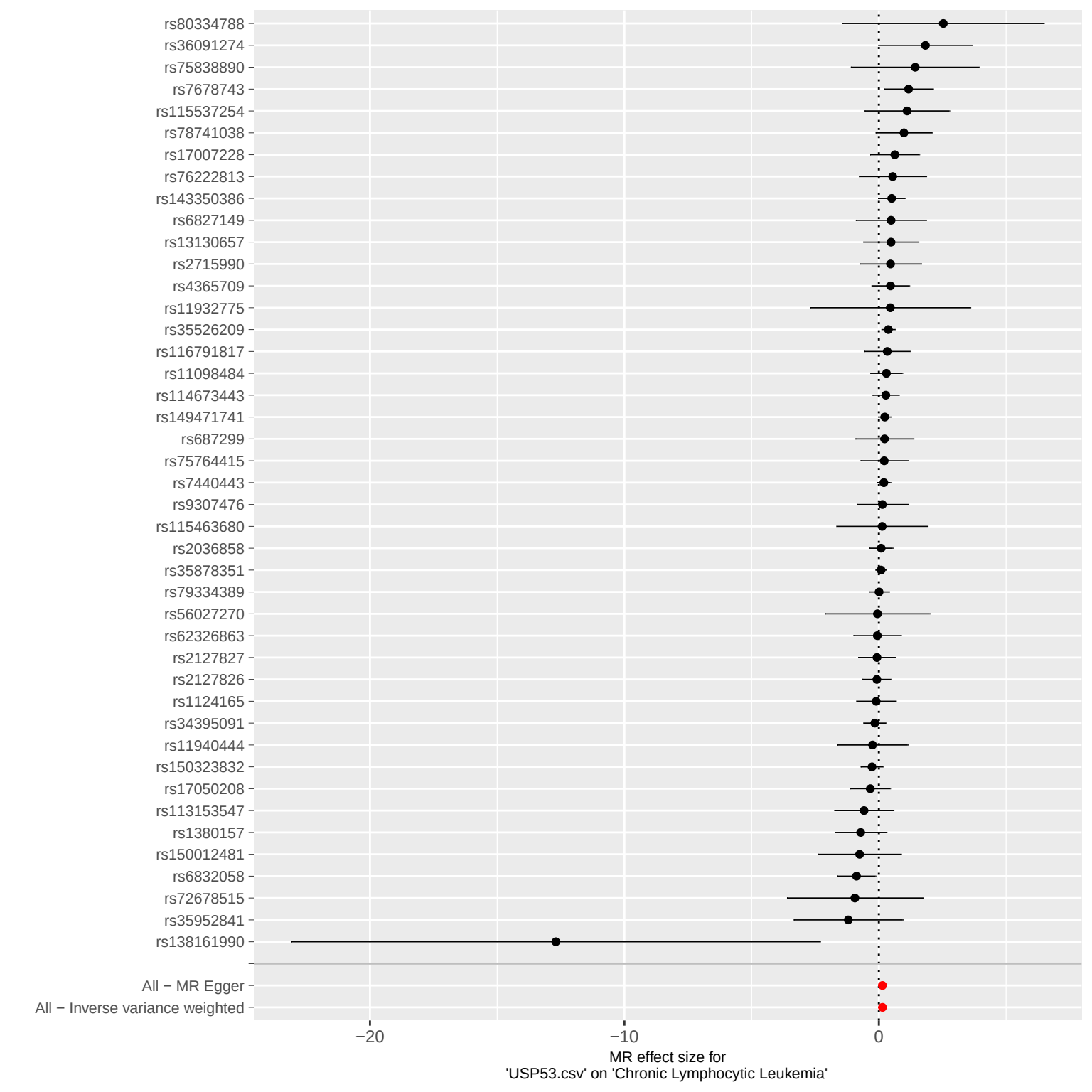
rs59571799
rs62066213
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'USP32P2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−20
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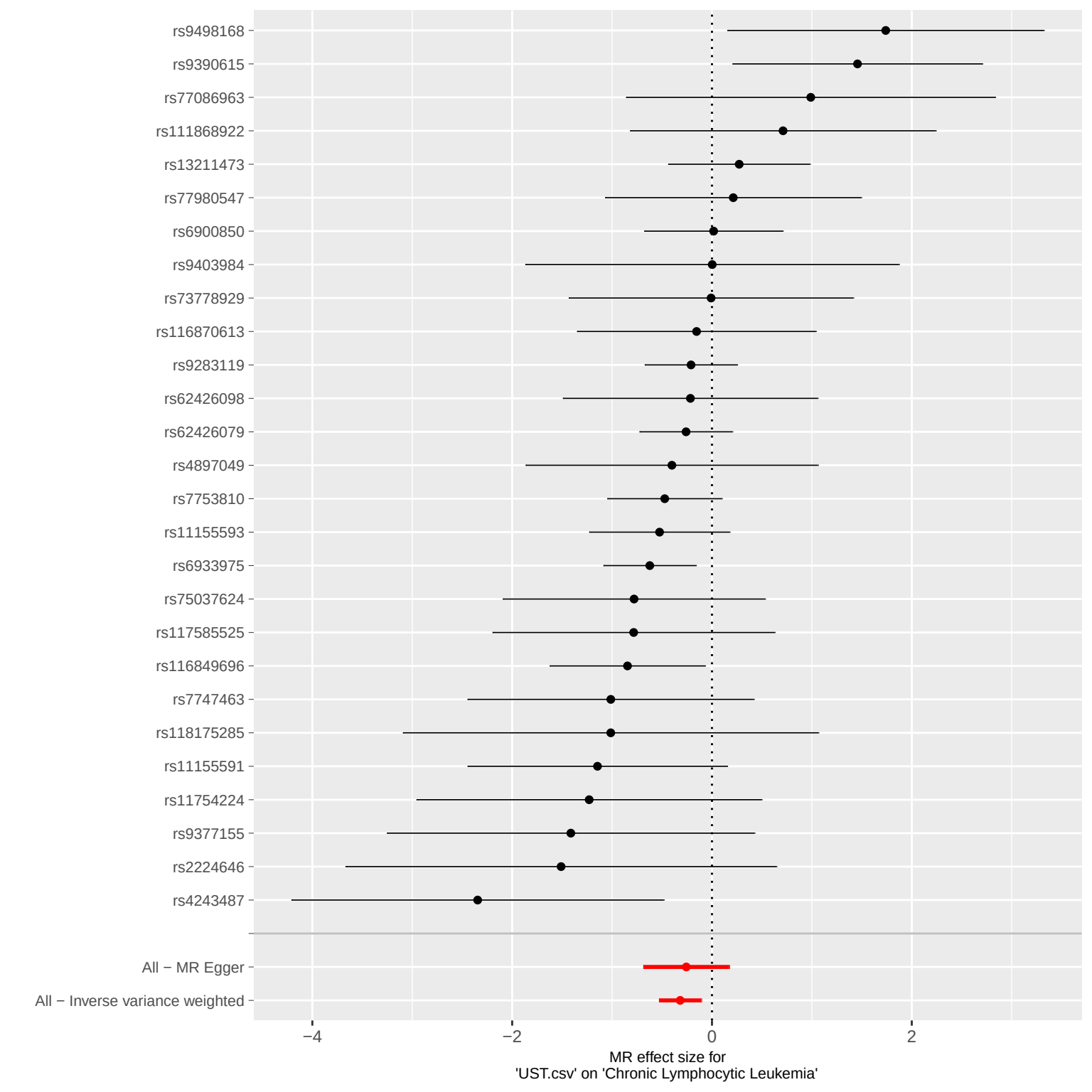
MR effect size for
'USP53.csv' on 'Chronic Lymphocytic Leukemia'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rs7747463
rs118175285
rs11155591
rs11754224
rs9377155
rs2224646
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All − MR Egger
All − Inverse variance weighted
−4
−2
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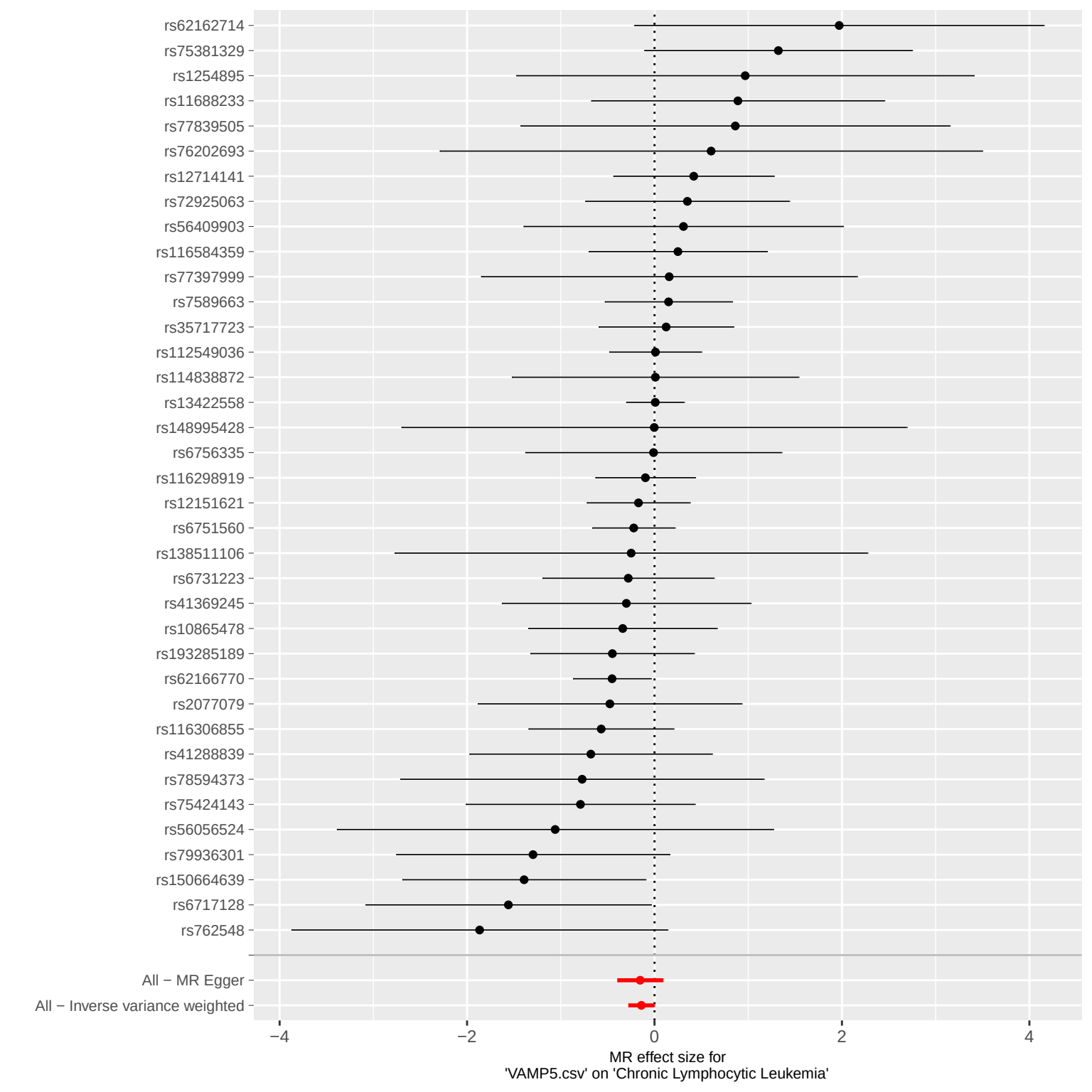
2
MR effect size for
'UST.csv' on 'Chronic Lymphocytic Leukemia'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rs2077079
rs116306855
rs41288839
rs78594373
rs75424143
rs56056524
rs79936301
rs150664639
rs6717128
rs762548
All − MR Egger
All − Inverse variance weighted
−4
−2
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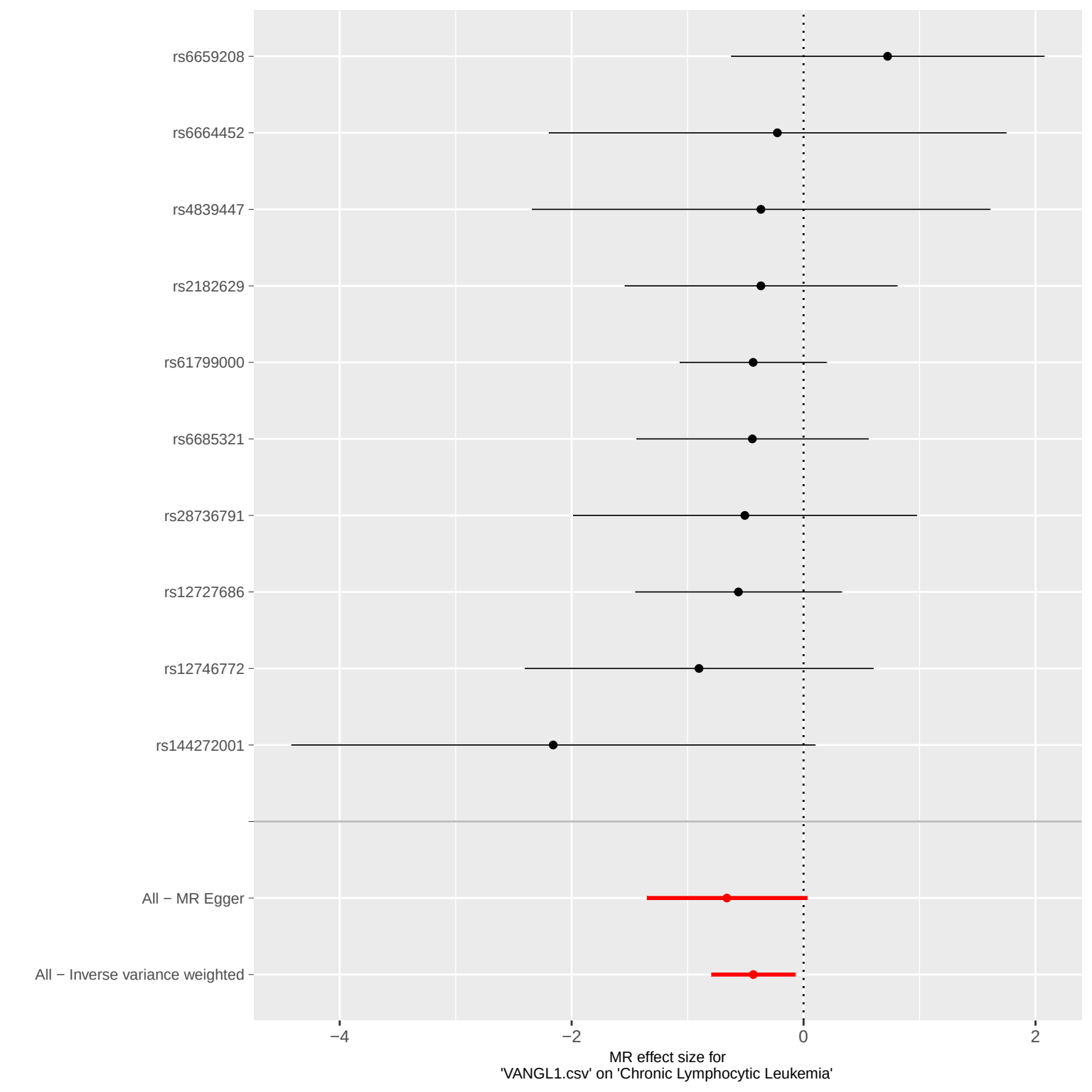
2
4
MR effect size for
'VAMP5.csv' on 'Chronic Lymphocytic Leukemia'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rs4839447
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rs61799000
rs6685321
rs28736791
rs12727686
rs12746772
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All − MR Egger
All − Inverse variance weighted
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−2
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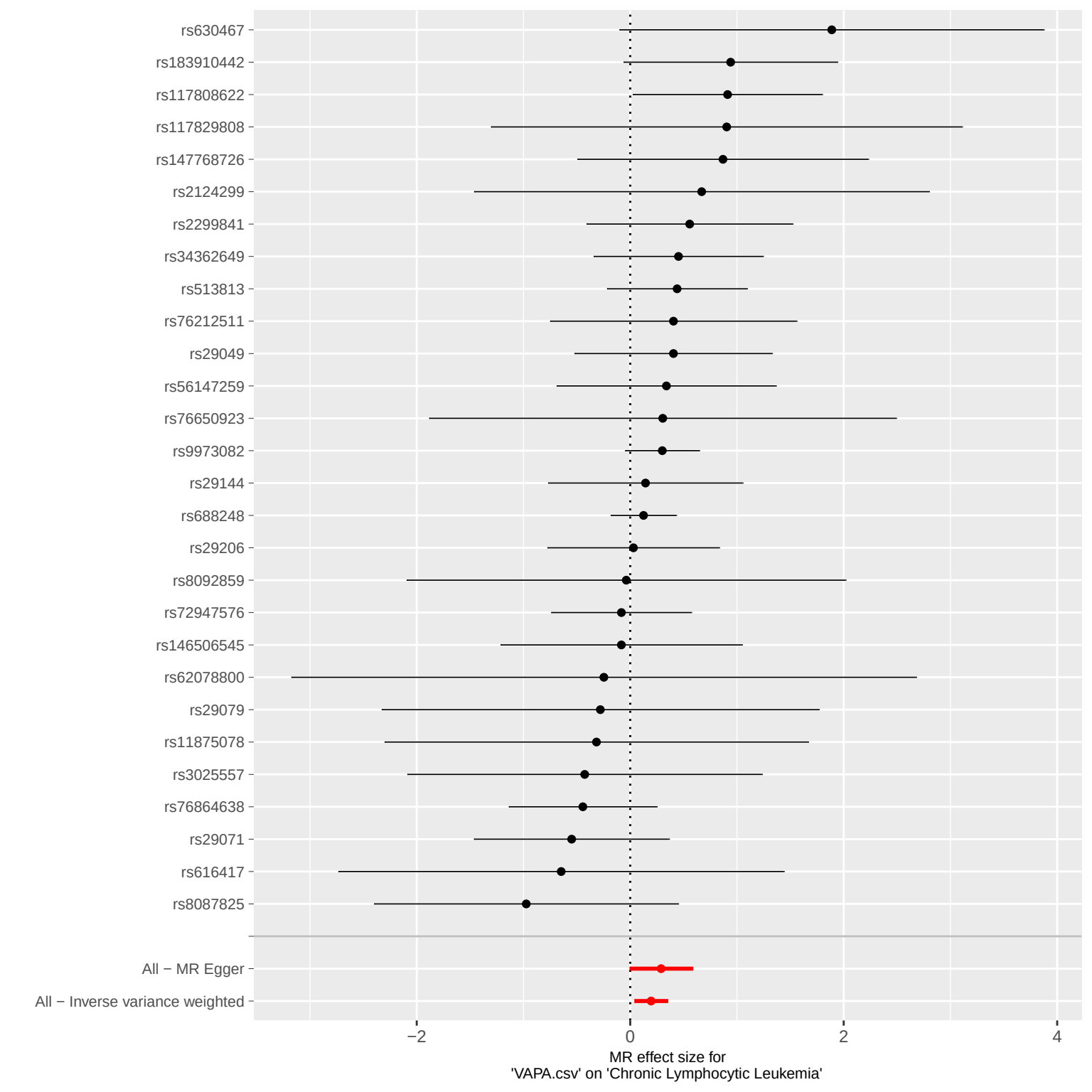
2
MR effect size for
'VANGL1.csv' on 'Chronic Lymphocytic Leukemia'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rs29049
rs56147259
rs76650923
rs9973082
rs29144
rs688248
rs29206
rs8092859
rs72947576
rs146506545
rs62078800
rs29079
rs11875078
rs3025557
rs76864638
rs29071
rs616417
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All − MR Egger
All − Inverse variance weighted
−2
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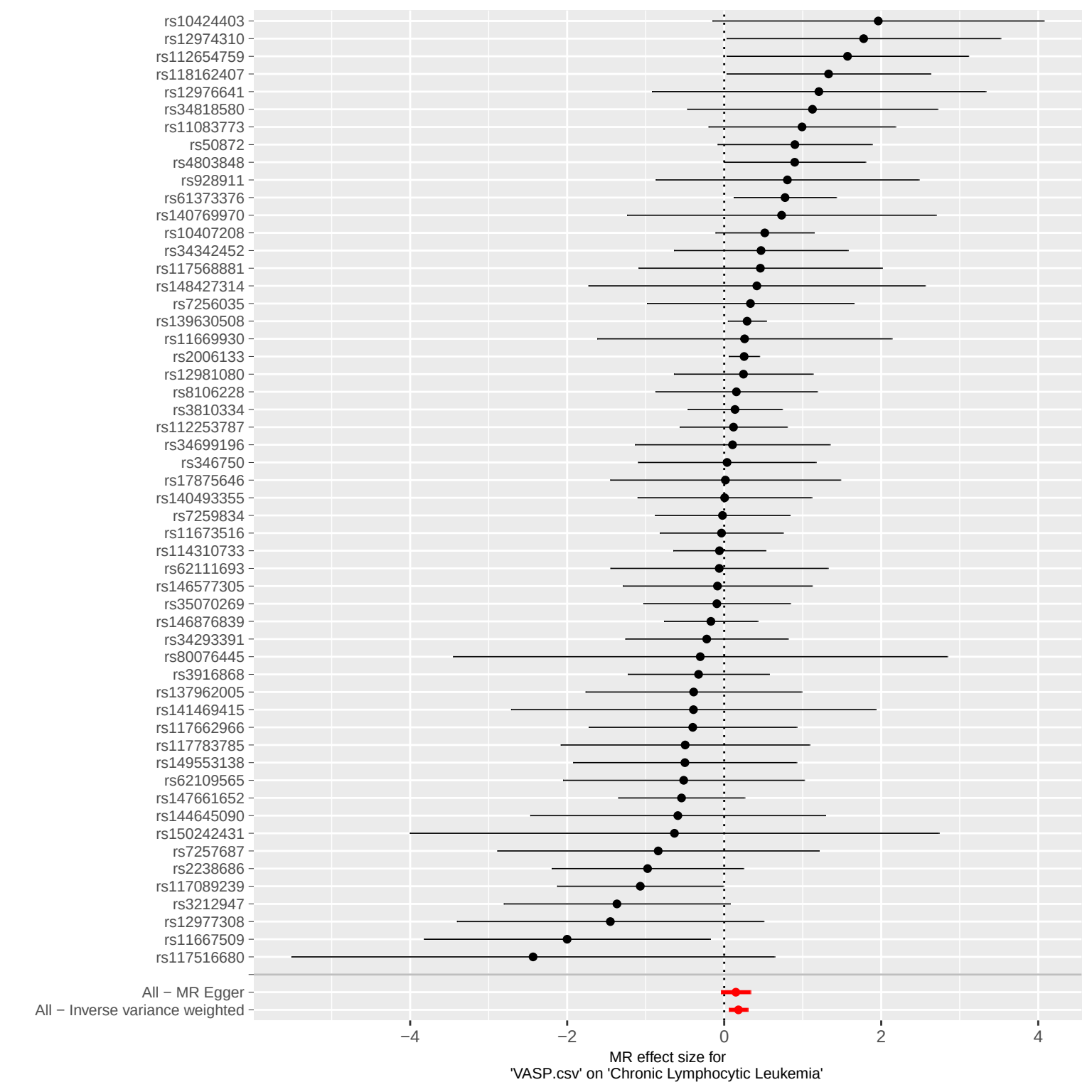
MR effect size for
'VAPA.csv' on 'Chronic Lymphocytic Leukemia'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rs3212947
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rs11667509
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All − MR Egger
All − Inverse variance weighted
−4
−2
0
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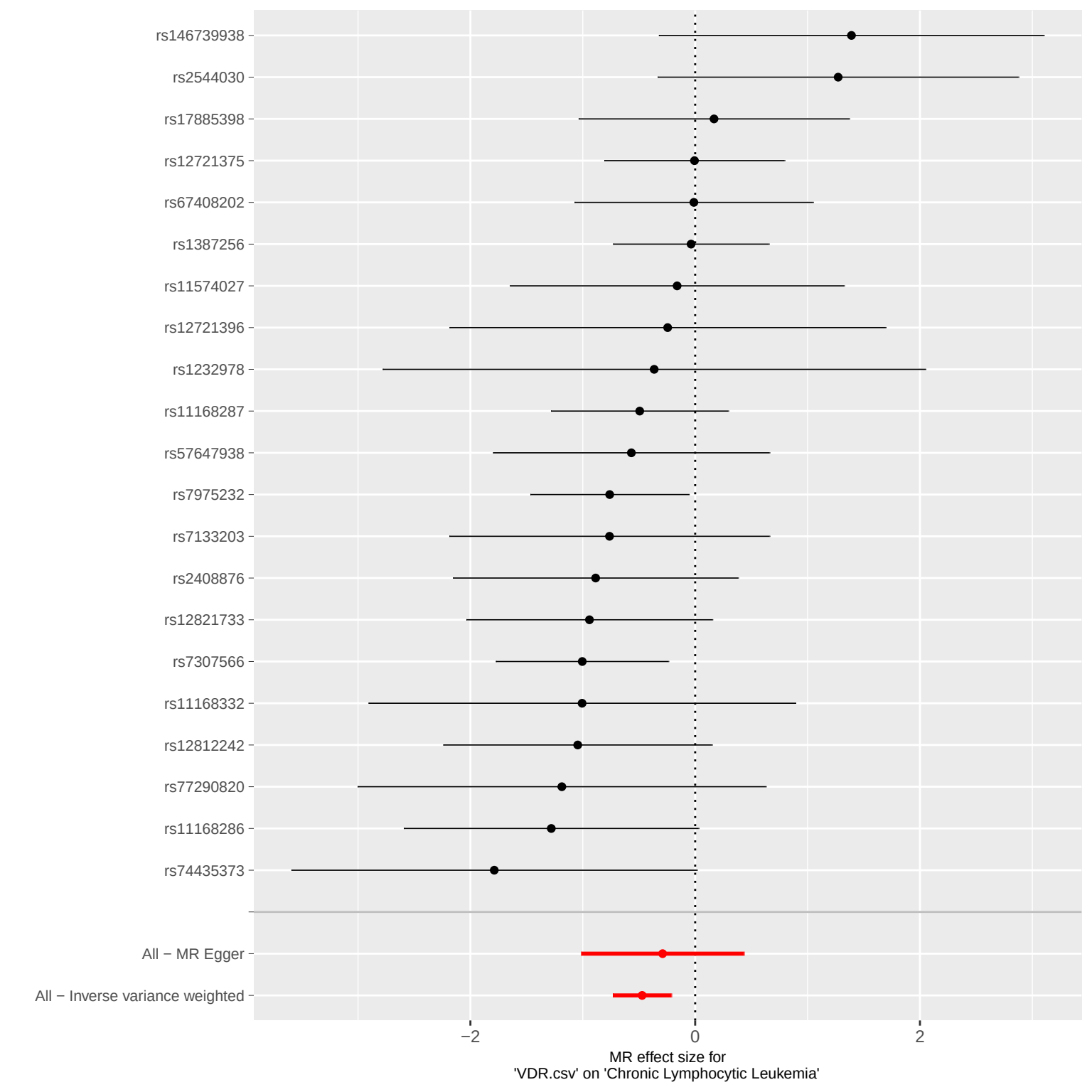
4
MR effect size for
'VASP.csv' on 'Chronic Lymphocytic Leukemia'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rs7307566
rs11168332
rs12812242
rs77290820
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All − MR Egger
All − Inverse variance weighted
−2
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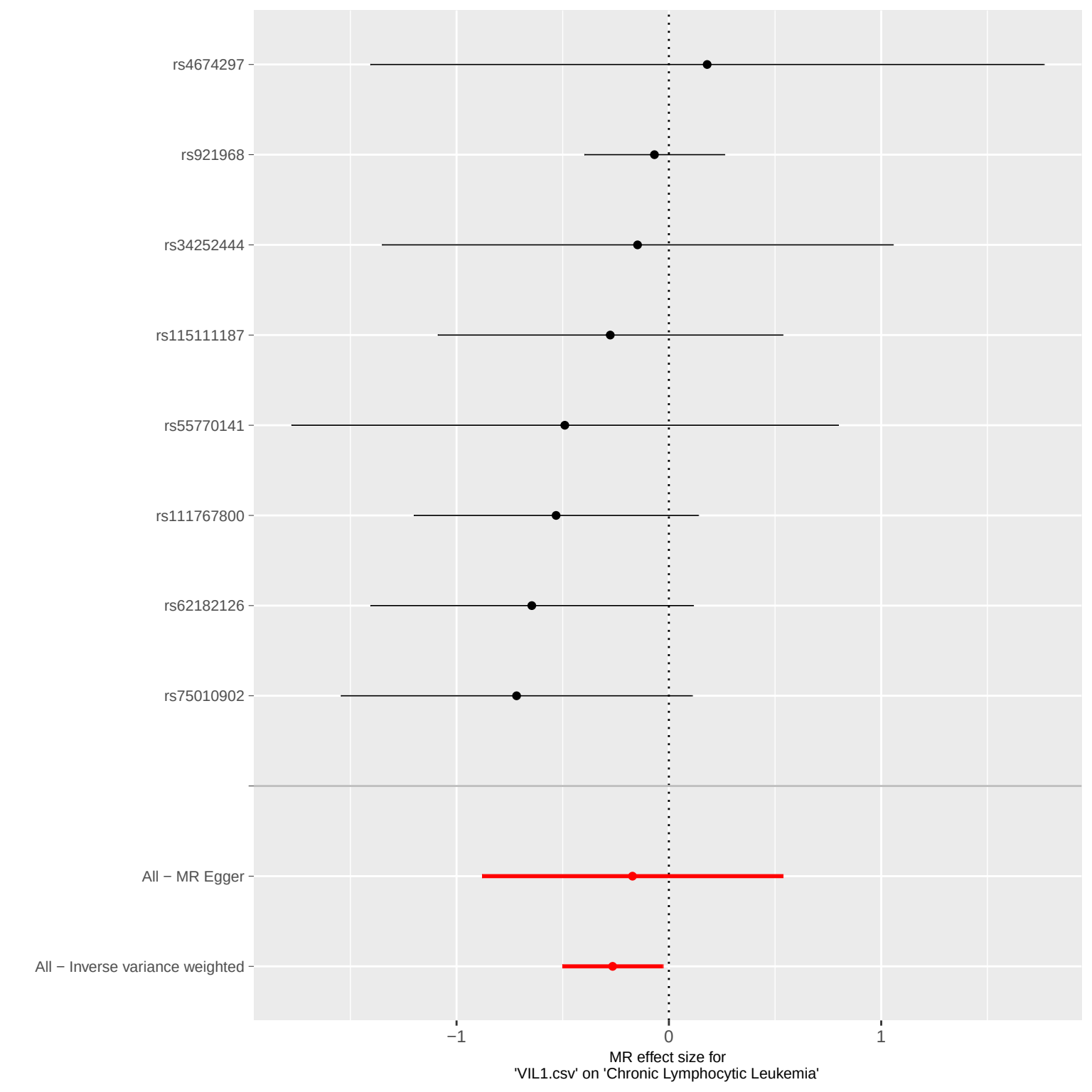
MR effect size for
'VDR.csv' on 'Chronic Lymphocytic Leukemia'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rs34252444
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rs55770141
rs111767800
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All − MR Egger
All − Inverse variance weighted
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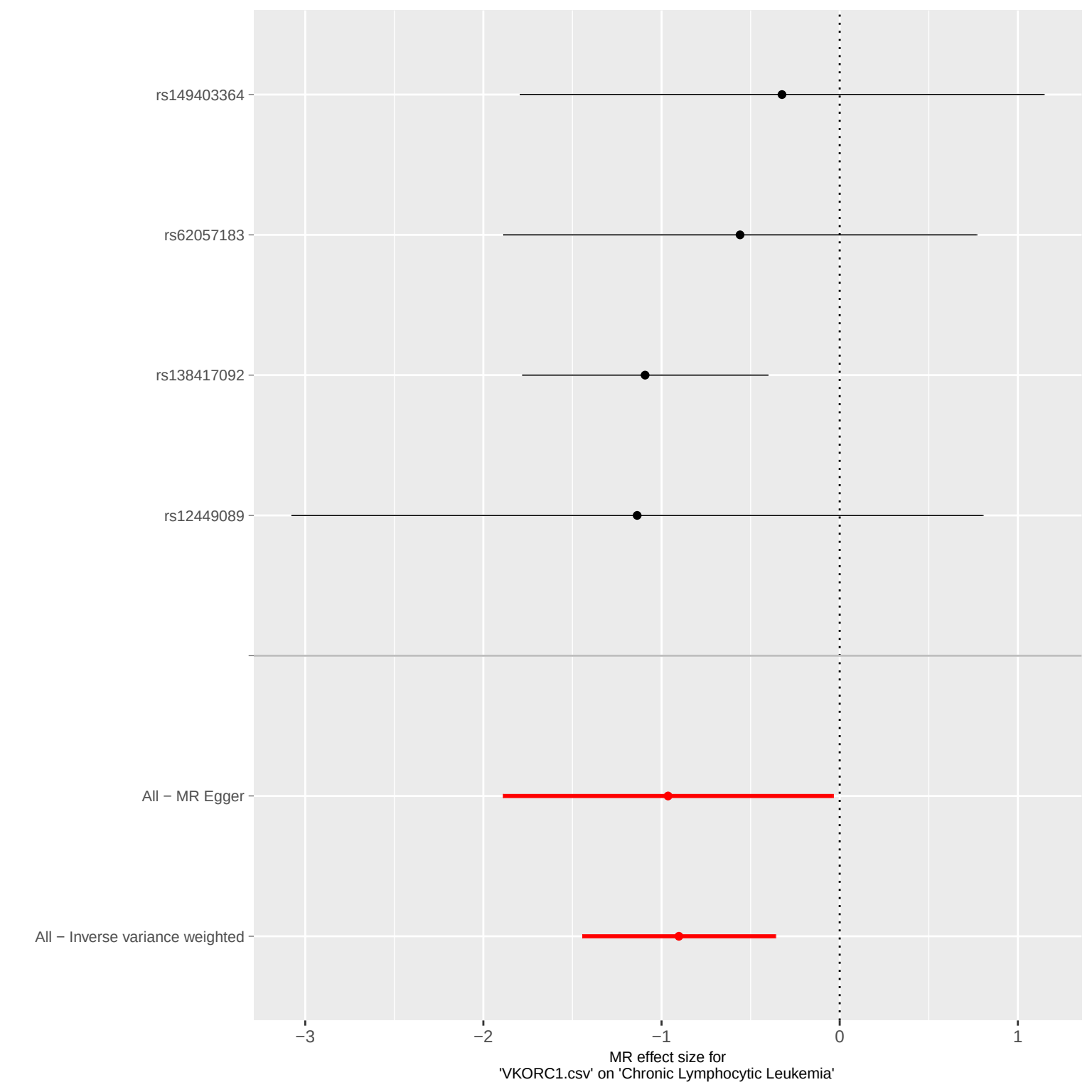
MR effect size for
'VIL1.csv' on 'Chronic Lymphocytic Leukemia'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rs138417092
rs12449089
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
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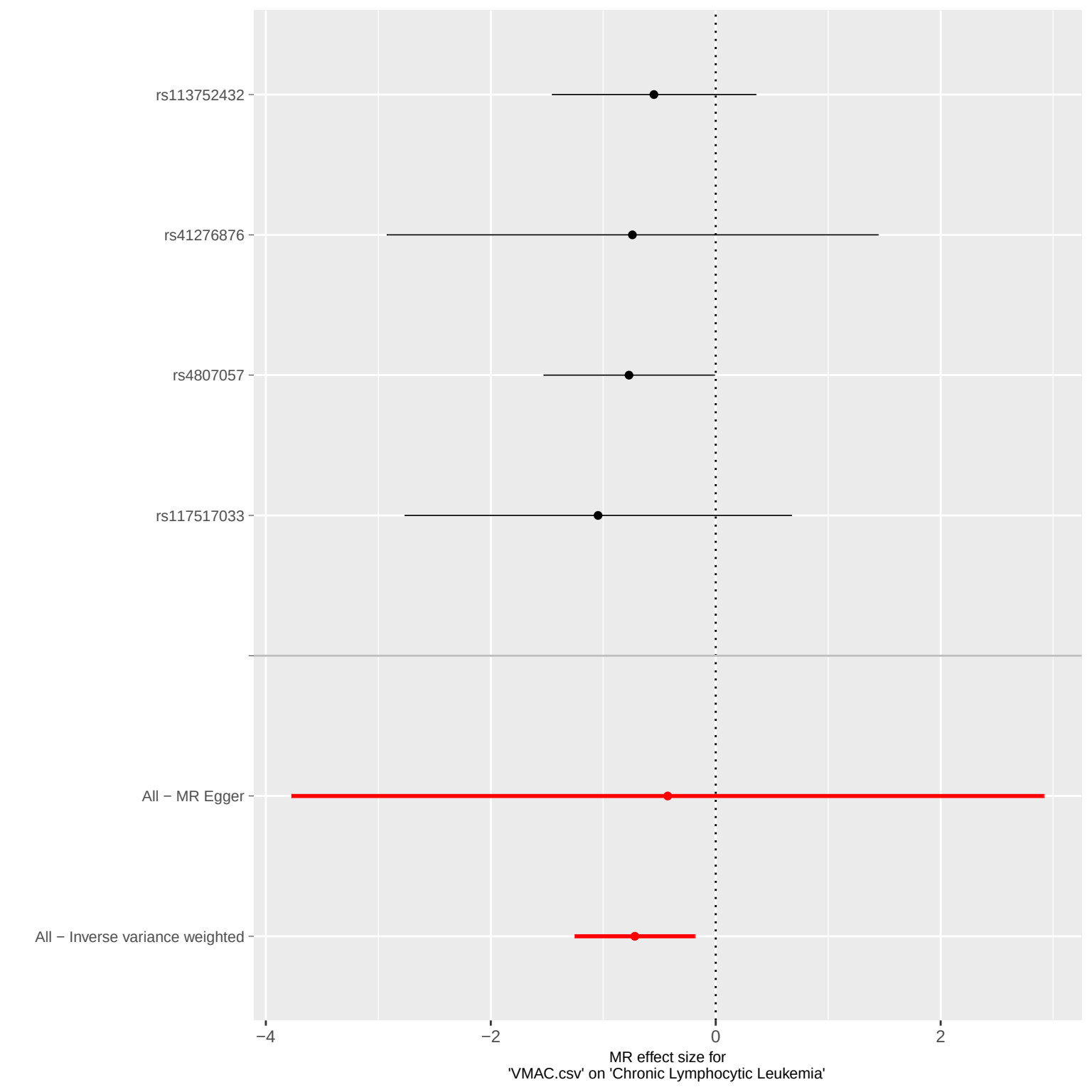
MR effect size for
'VKORC1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
−4
−2
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2
MR effect size for
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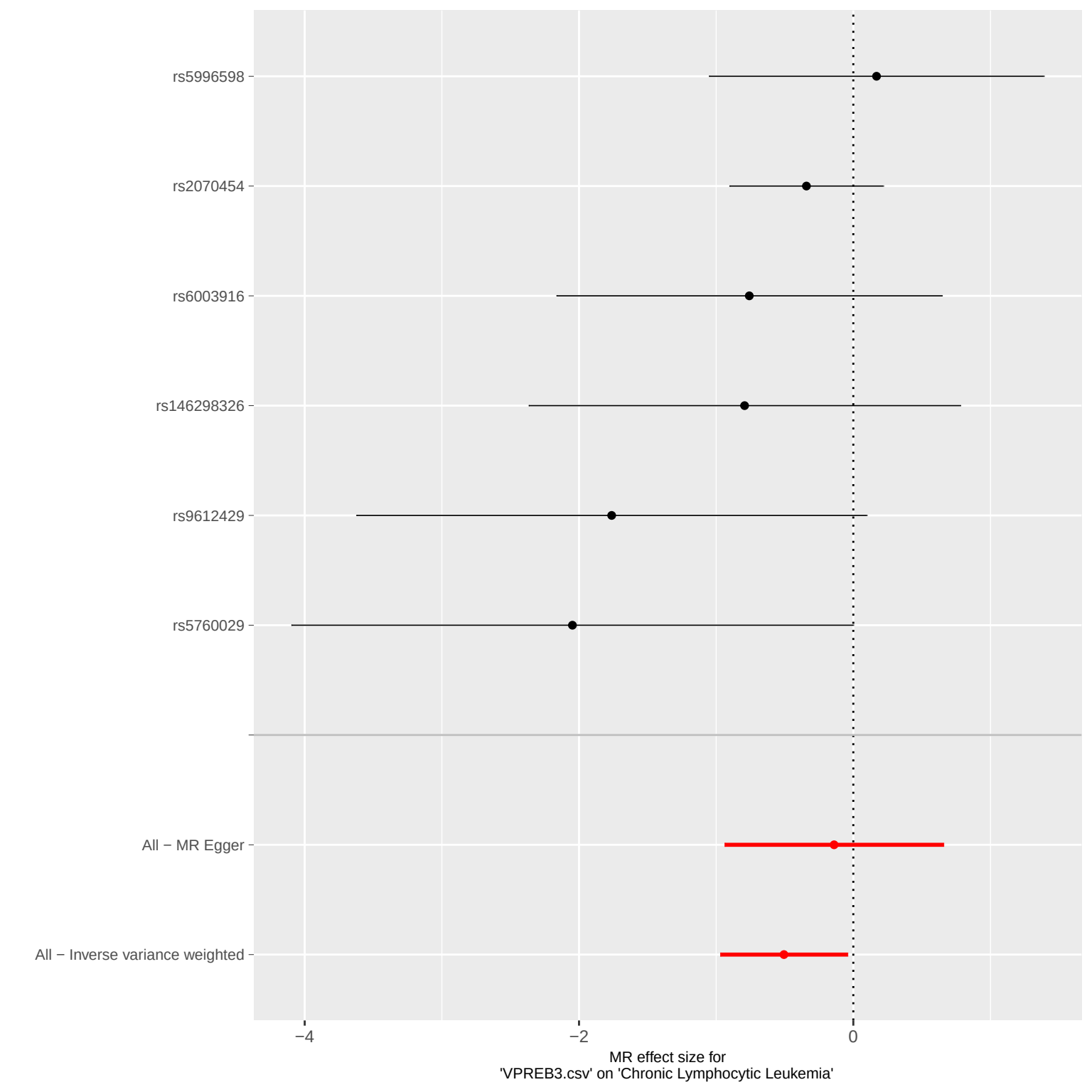
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All − MR Egger
All − Inverse variance weighted
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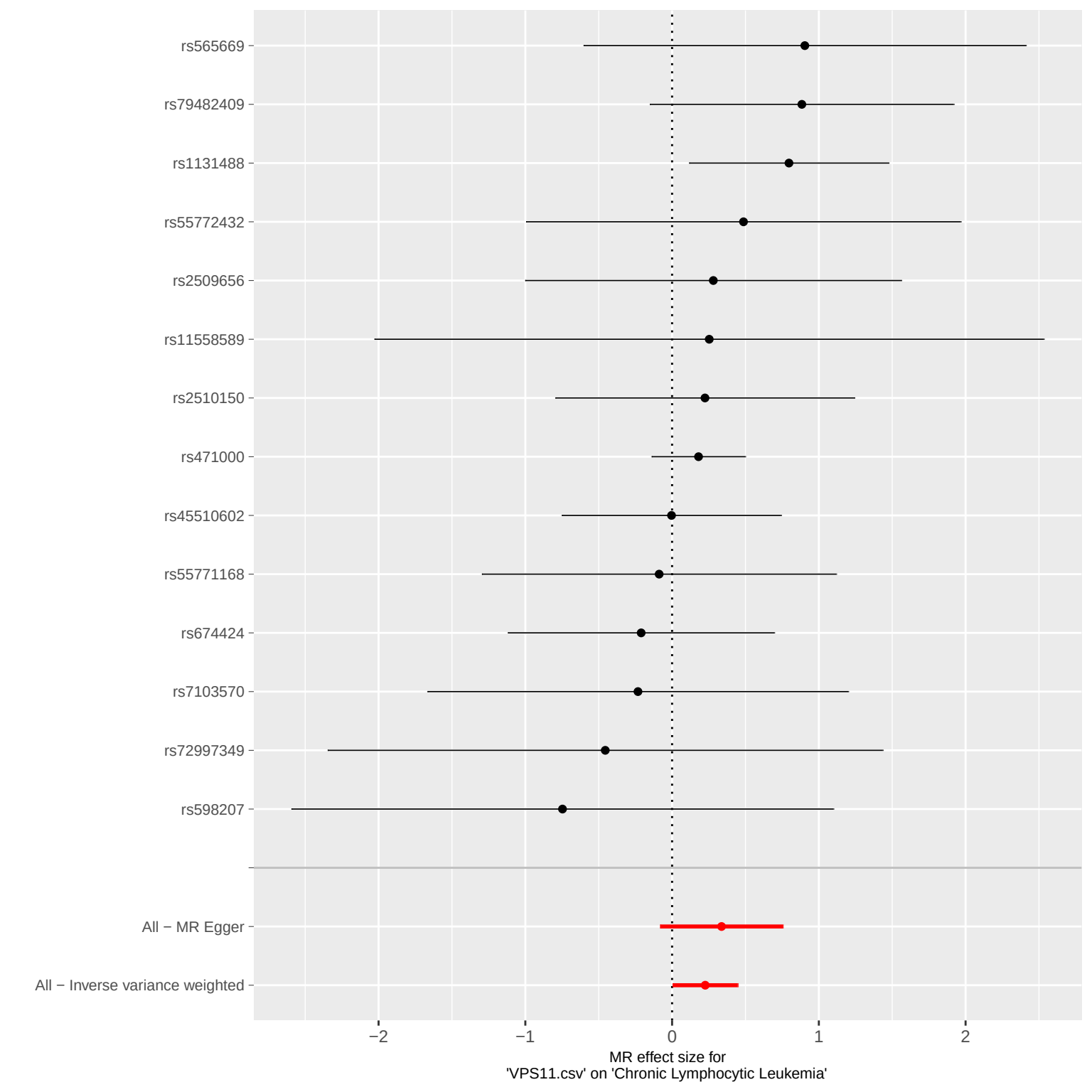
−2
0
MR effect size for
'VPREB3.csv' on 'Chronic Lymphocytic Leukemia'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rs45510602
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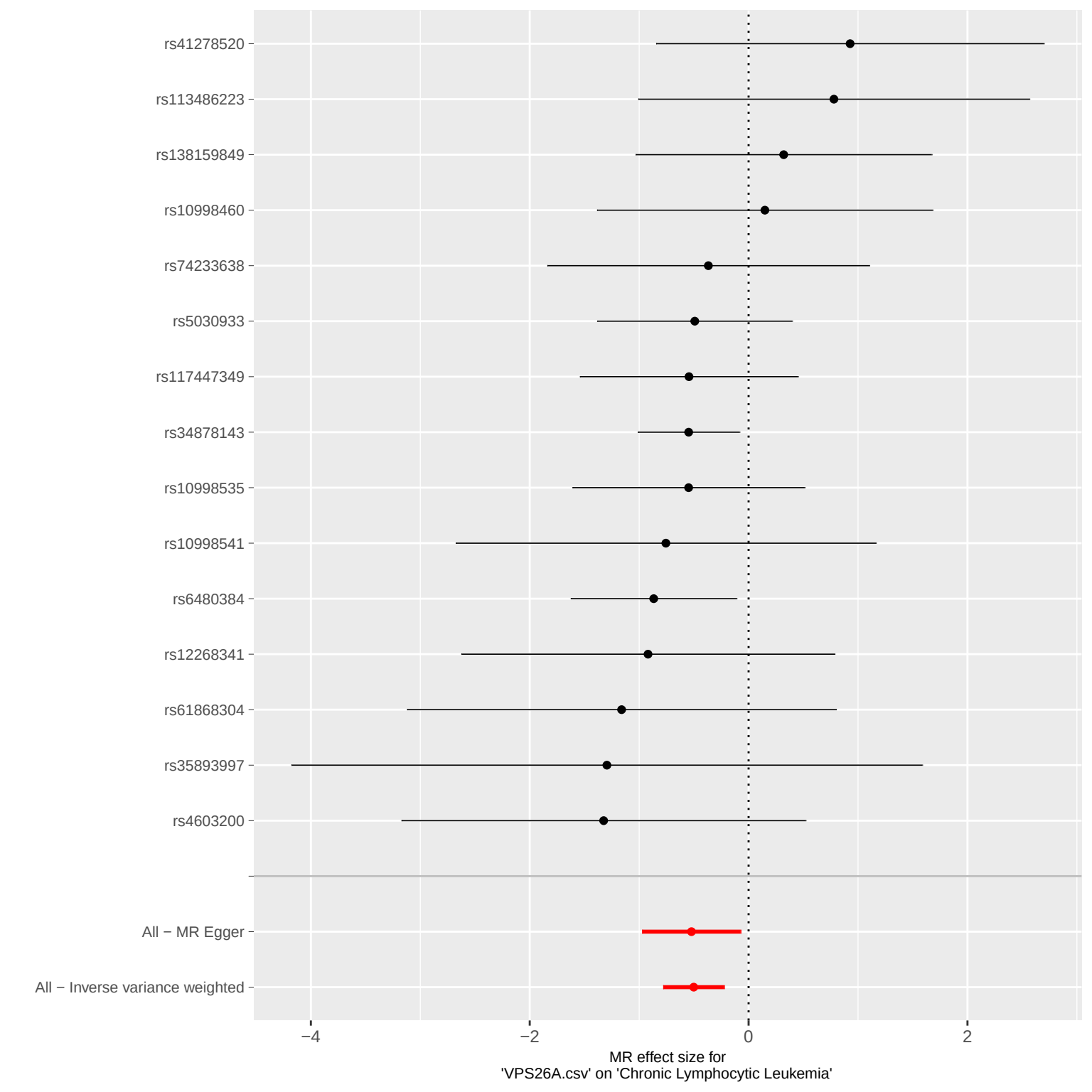
rs674424
rs7103570
rs72997349
rs598207
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'VPS11.csv' on 'Chronic Lymphocytic Leukemia'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rs10998541
rs6480384
rs12268341
rs61868304
rs35893997
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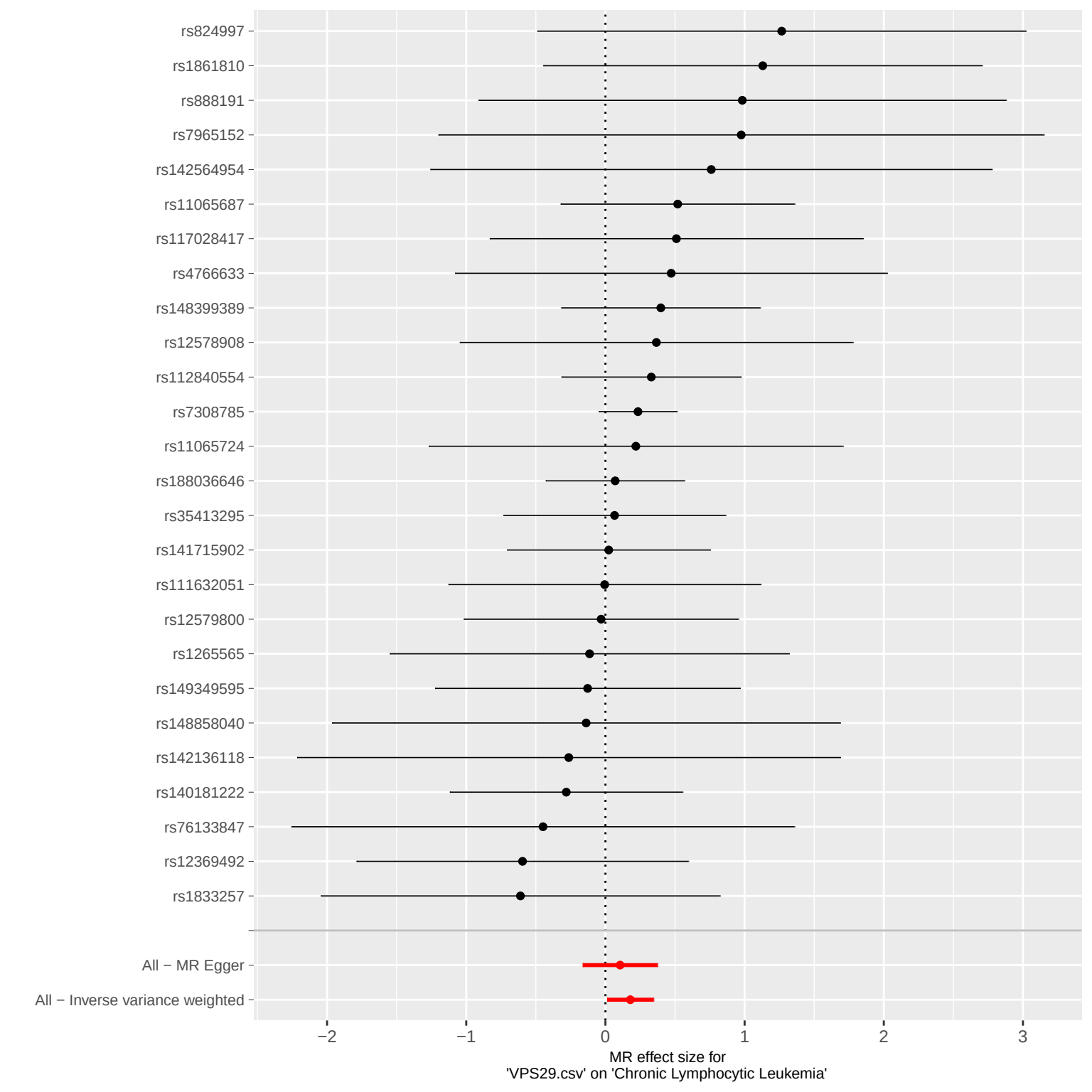
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'VPS26A.csv' on 'Chronic Lymphocytic Leukemia'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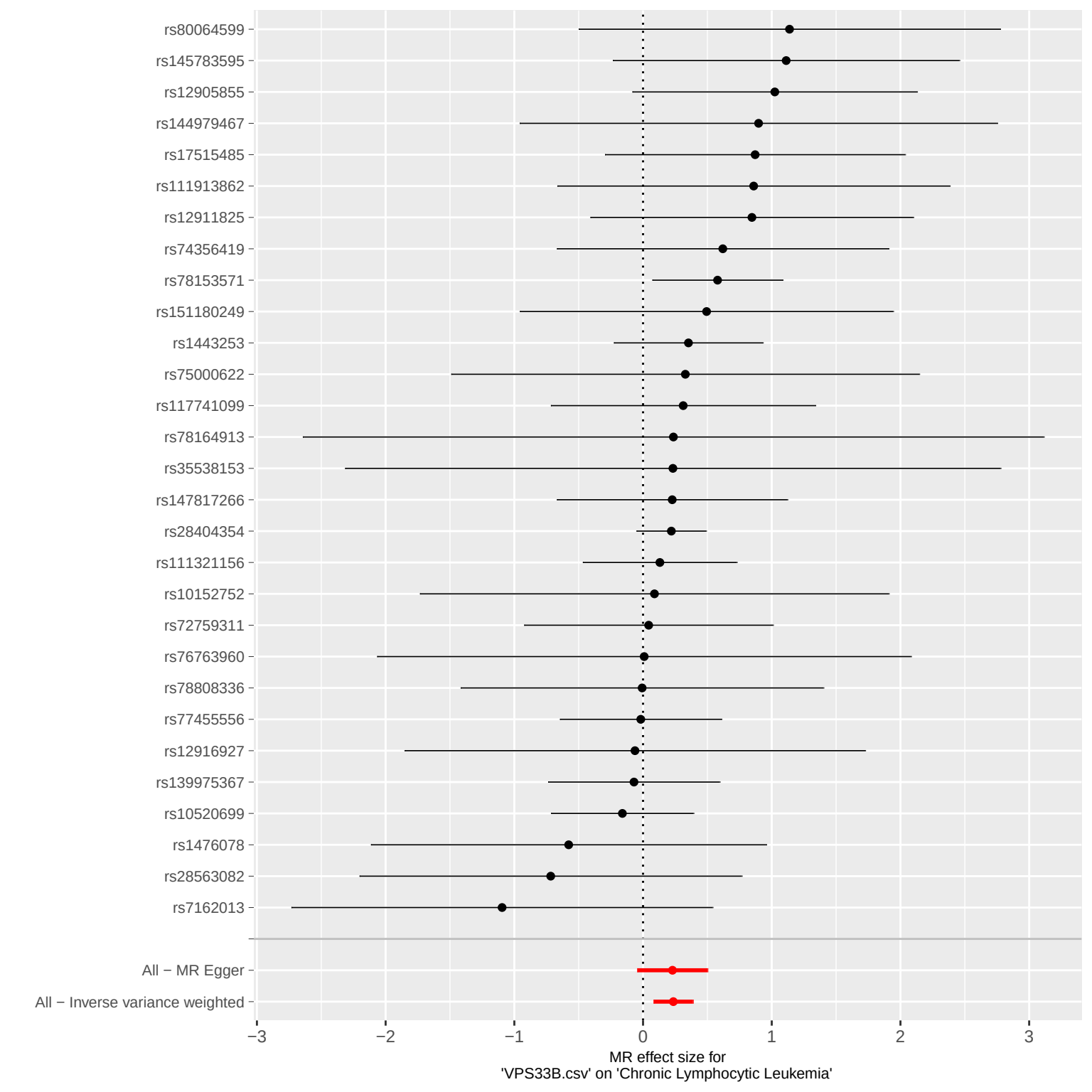
rs141715902
rs111632051
rs12579800
rs1265565
rs149349595
rs148858040
rs142136118
rs140181222
rs76133847
rs12369492
rs1833257
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'VPS29.csv' on 'Chronic Lymphocytic Leukemia'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rs72759311
rs76763960
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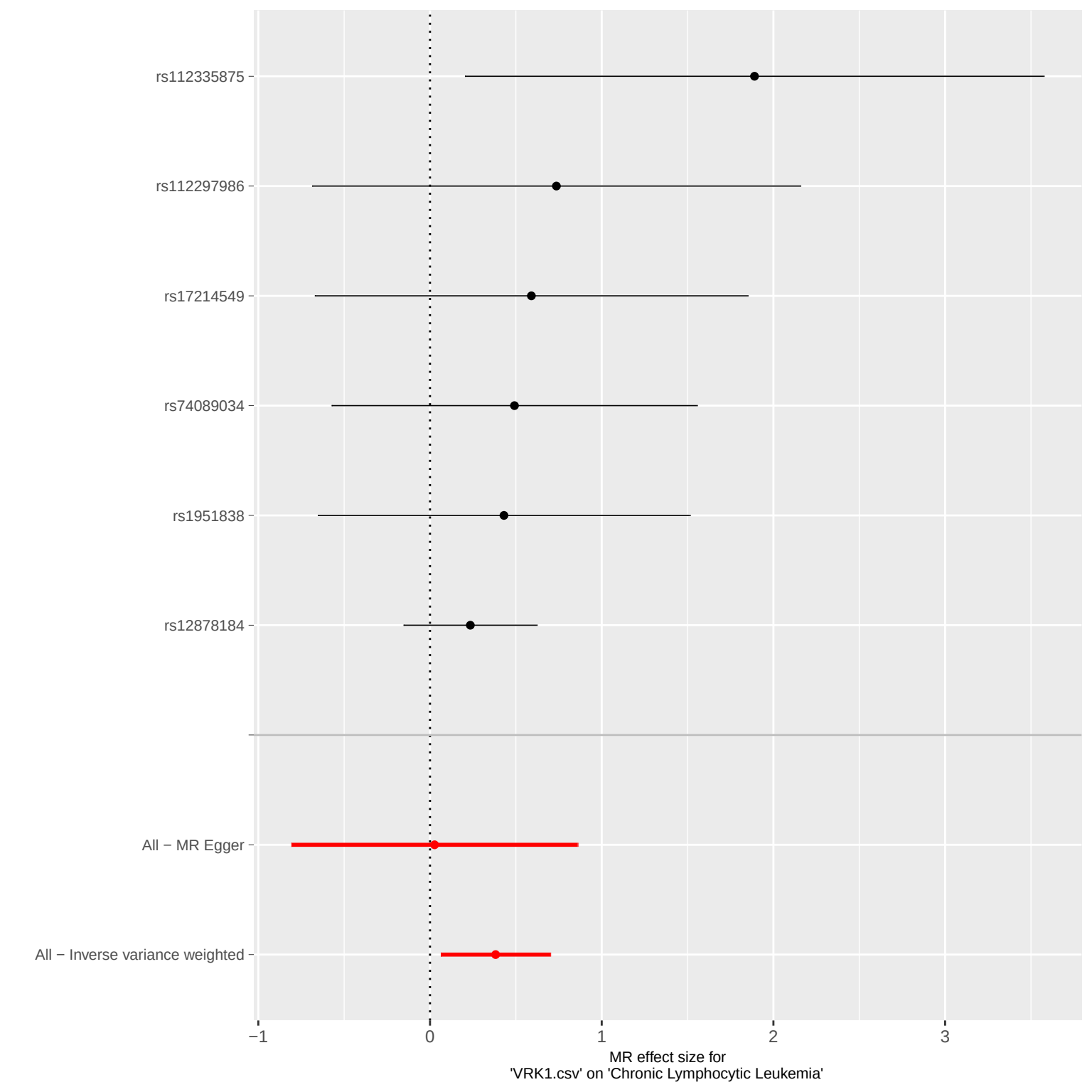
rs139975367
rs10520699
rs1476078
rs28563082
rs7162013
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
3
MR effect size for
'VPS33B.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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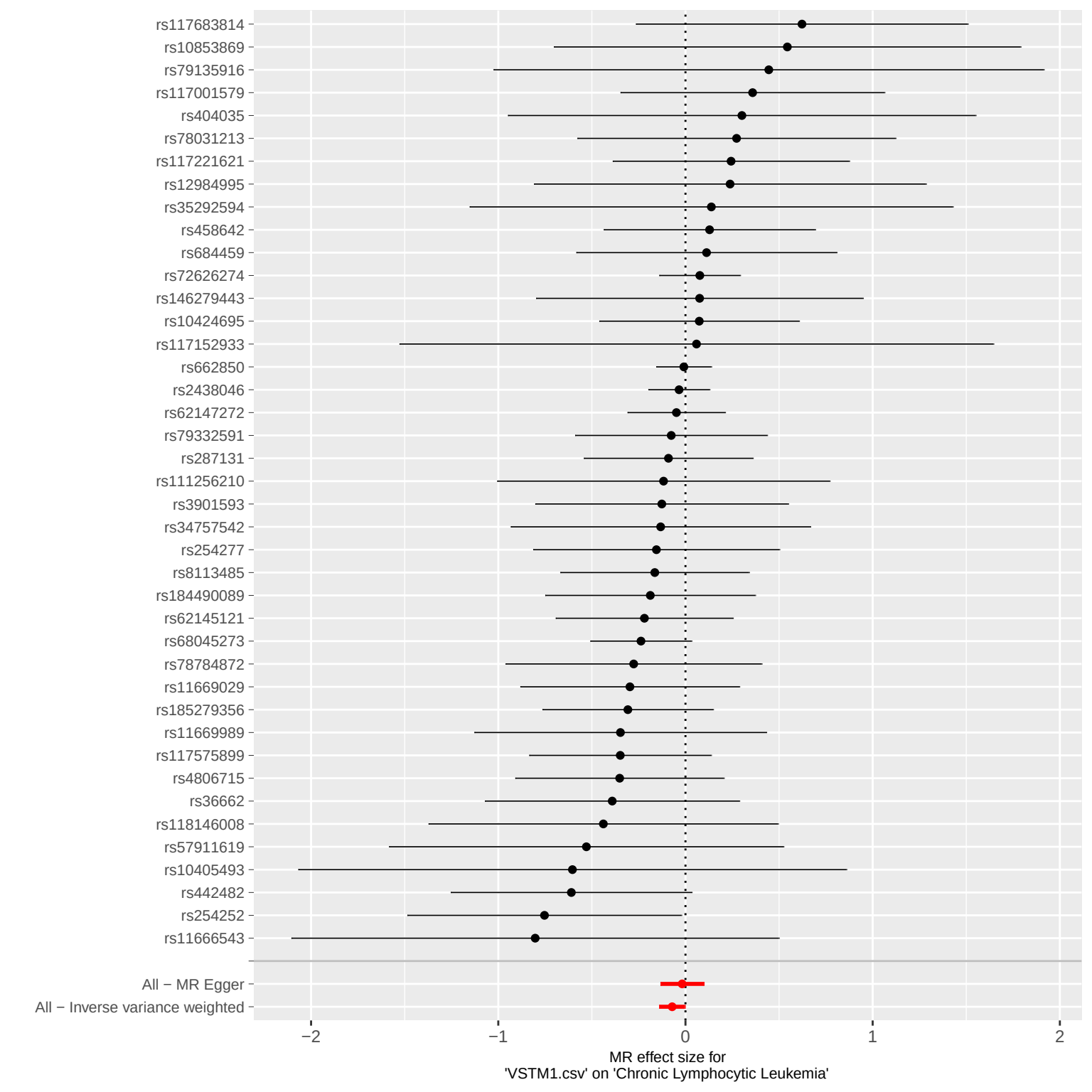
2
3
MR effect size for
'VRK1.csv' on 'Chronic Lymphocytic Leukemia'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rs4806715
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rs10405493
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rs11666543
All − MR Egger
All − Inverse variance weighted
−2
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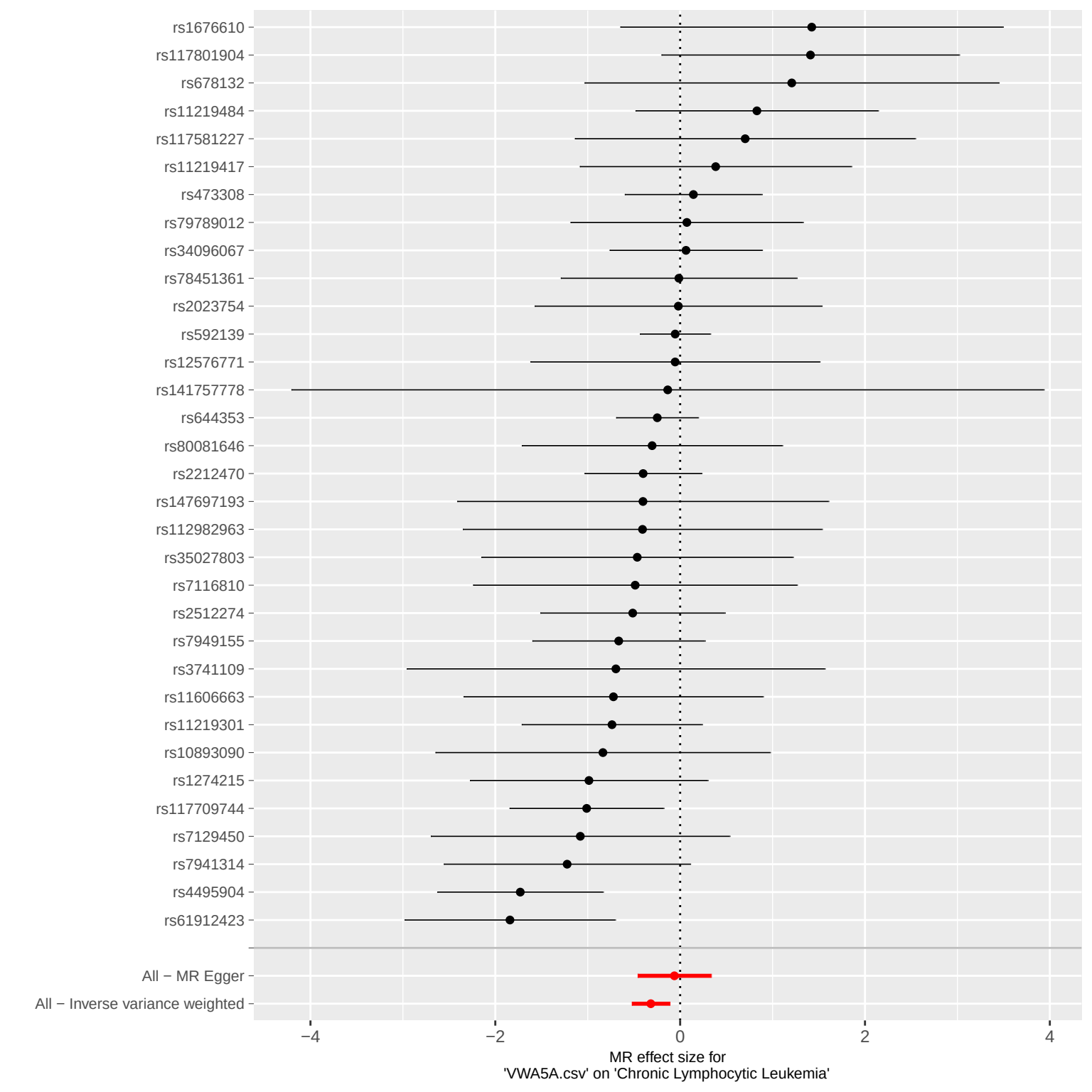
2
MR effect size for
'VSTM1.csv' on 'Chronic Lymphocytic Leukemia'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rs7949155
rs3741109
rs11606663
rs11219301
rs10893090
rs1274215
rs117709744
rs7129450
rs7941314
rs4495904
rs61912423
All − MR Egger
All − Inverse variance weighted
−4
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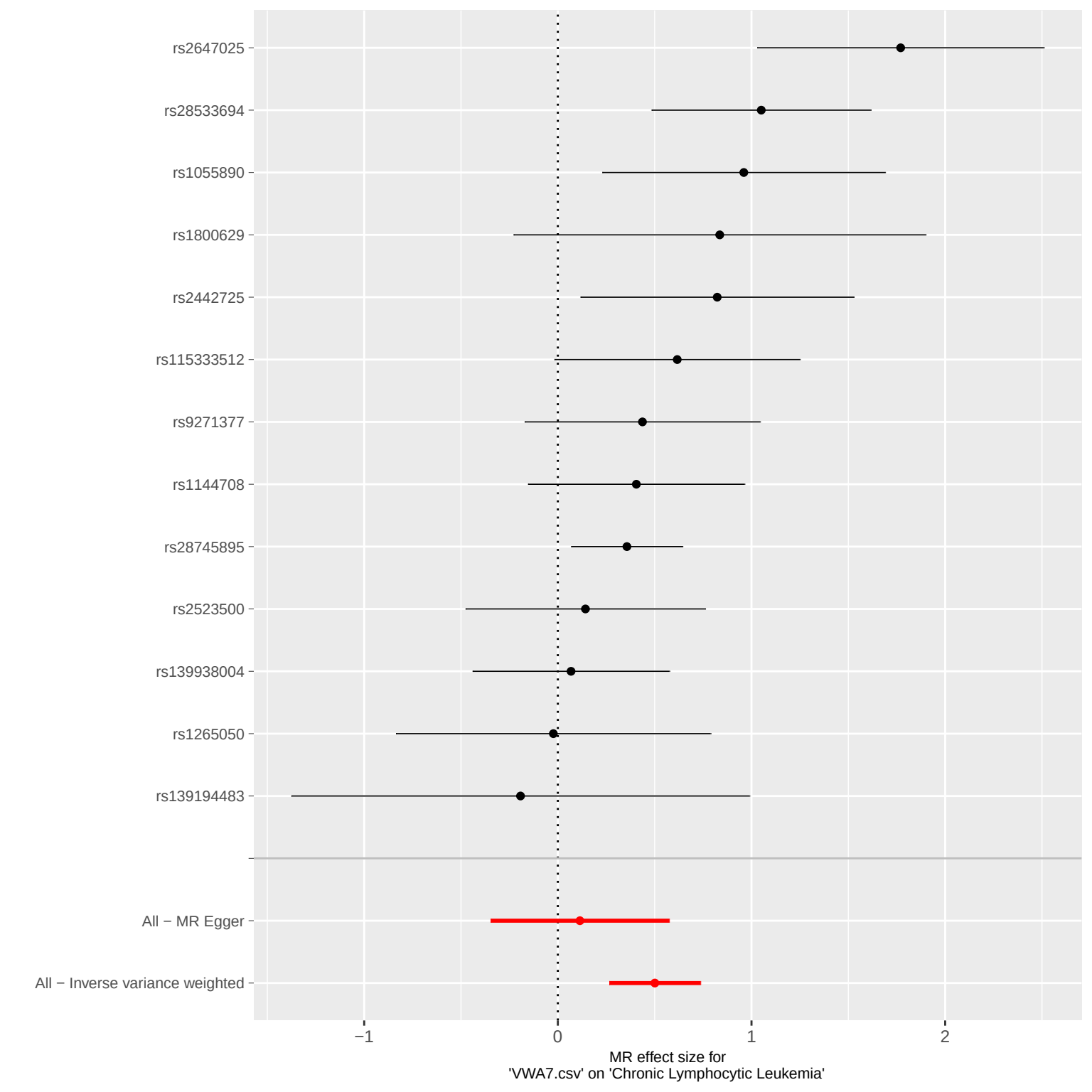
4
MR effect size for
'VWA5A.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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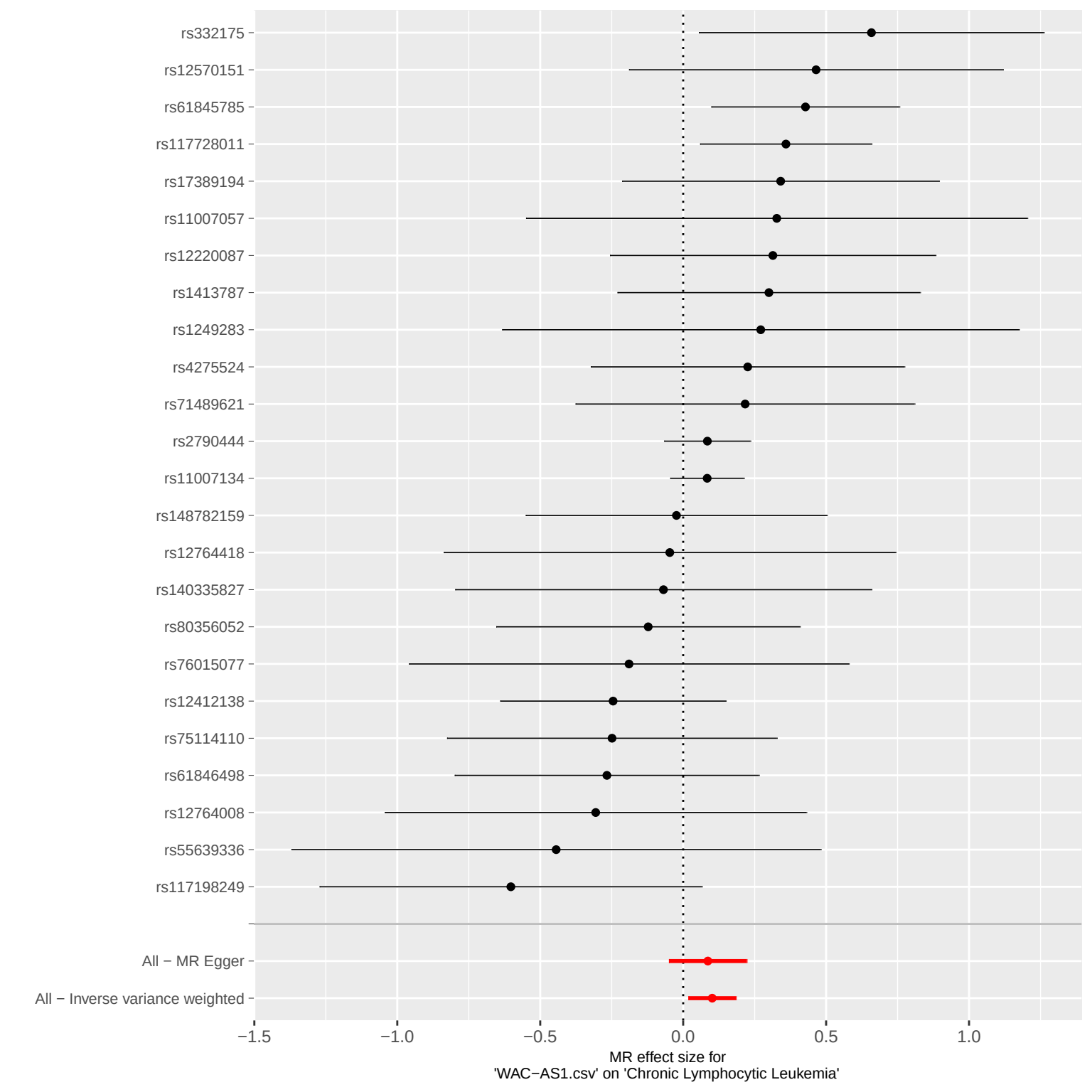
0
1
2
MR effect size for
'VWA7.csv' on 'Chronic Lymphocytic Leukemia'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rs117198249
All − MR Egger
All − Inverse variance weighted
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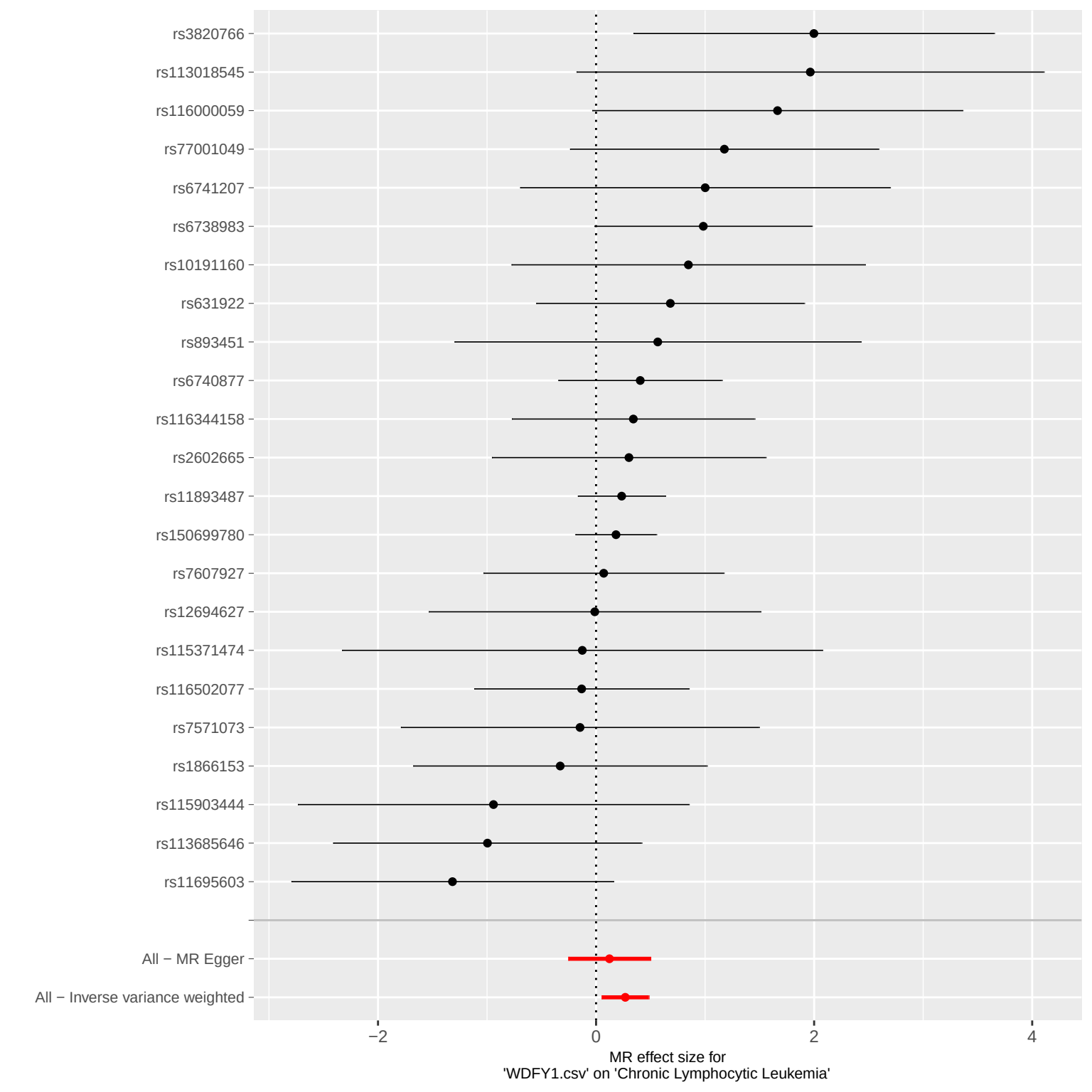
−0.5
0.0
0.5
1.0
MR effect size for
'WAC−AS1.csv' on 'Chronic Lymphocytic Leukemia'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rs116502077
rs7571073
rs1866153
rs115903444
rs113685646
rs11695603
All − MR Egger
All − Inverse variance weighted
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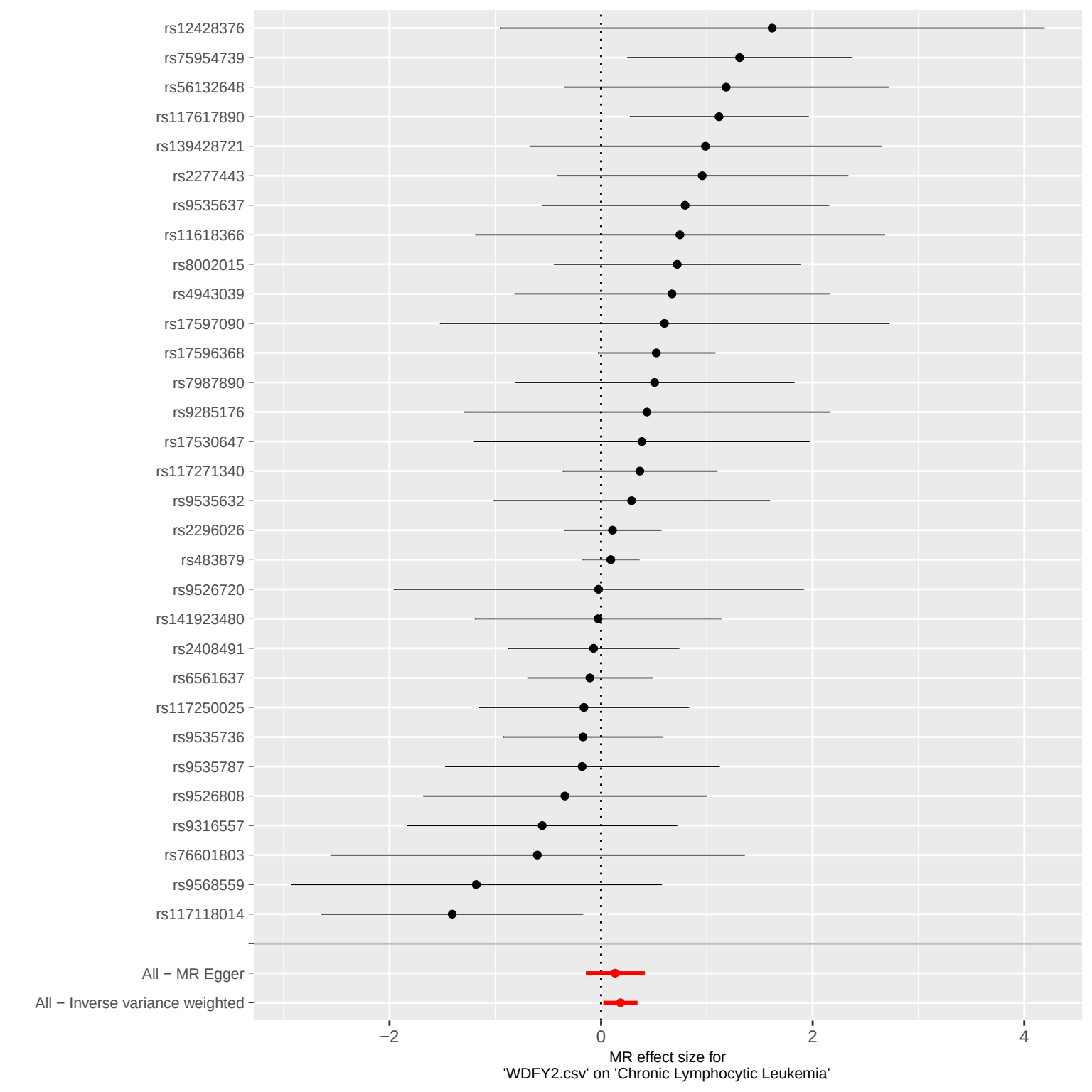
2
4
MR effect size for
'WDFY1.csv' on 'Chronic Lymphocytic Leukemia'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rs9535632
rs2296026
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rs9526720
rs141923480
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rs6561637
rs117250025
rs9535736
rs9535787
rs9526808
rs9316557
rs76601803
rs9568559
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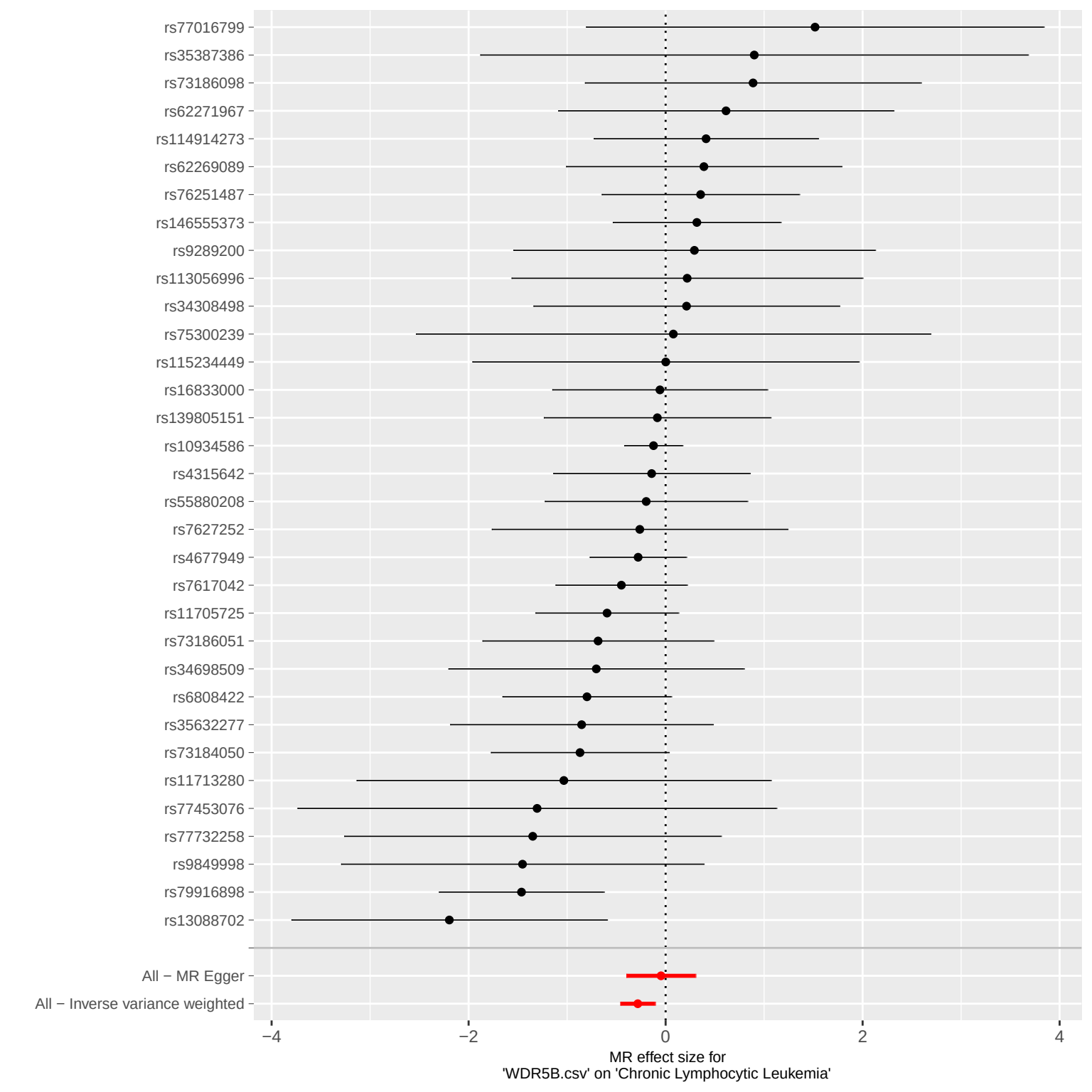
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'WDFY2.csv' on 'Chronic Lymphocytic Leukemia'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rs16833000
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rs10934586
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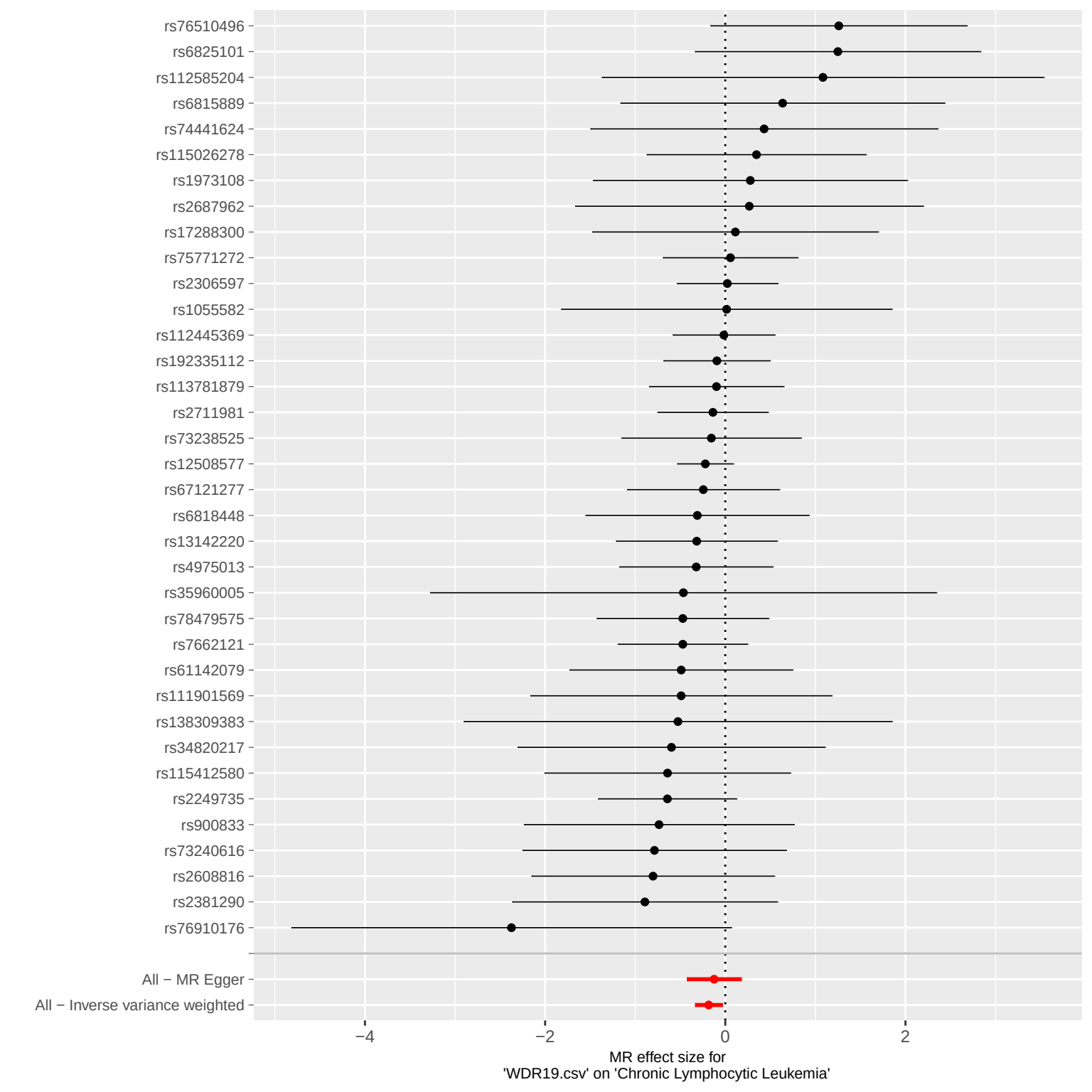
rs77453076
rs77732258
rs9849998
rs79916898
rs13088702
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'WDR5B.csv' on 'Chronic Lymphocytic Leukemia'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rs2608816
rs2381290
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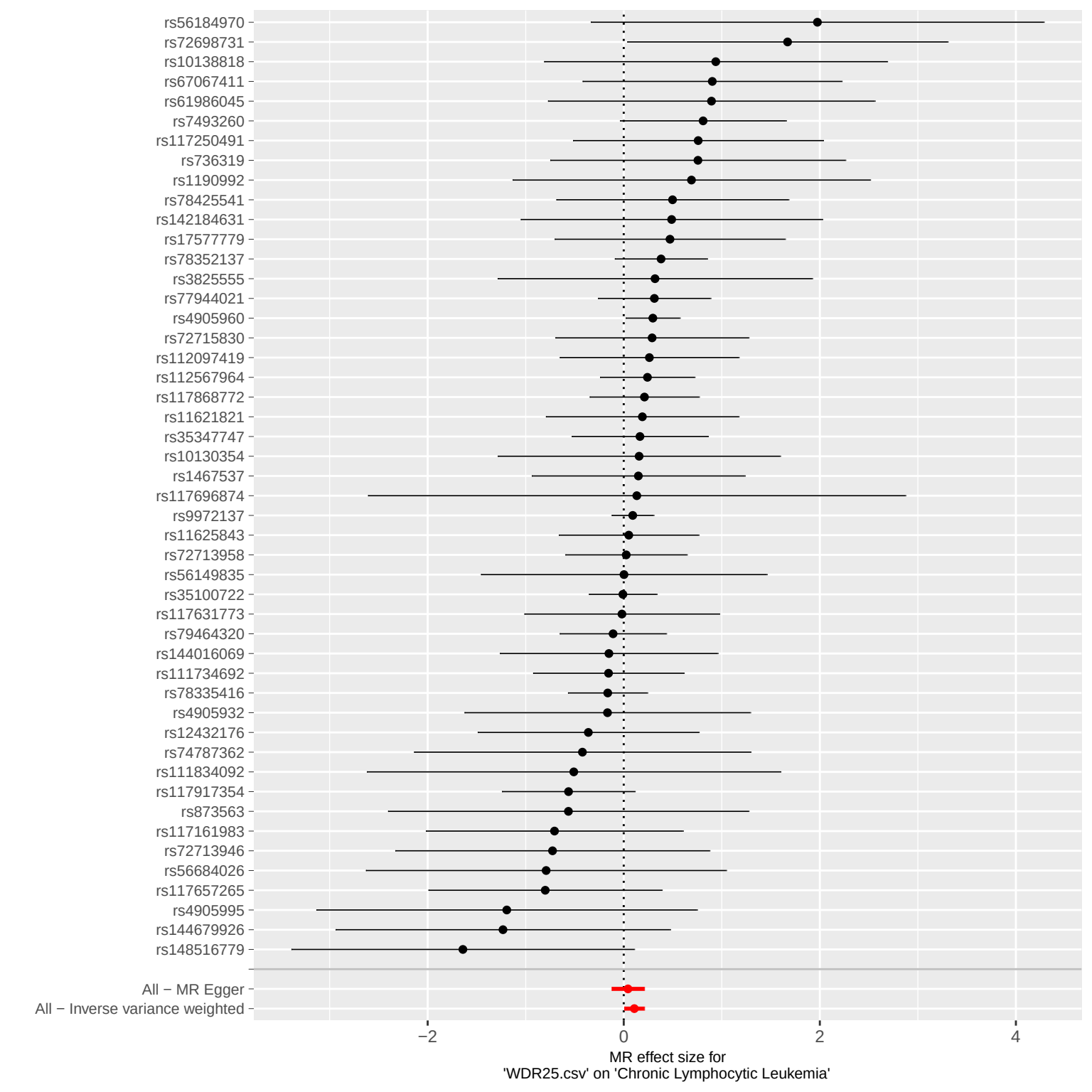
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'WDR19.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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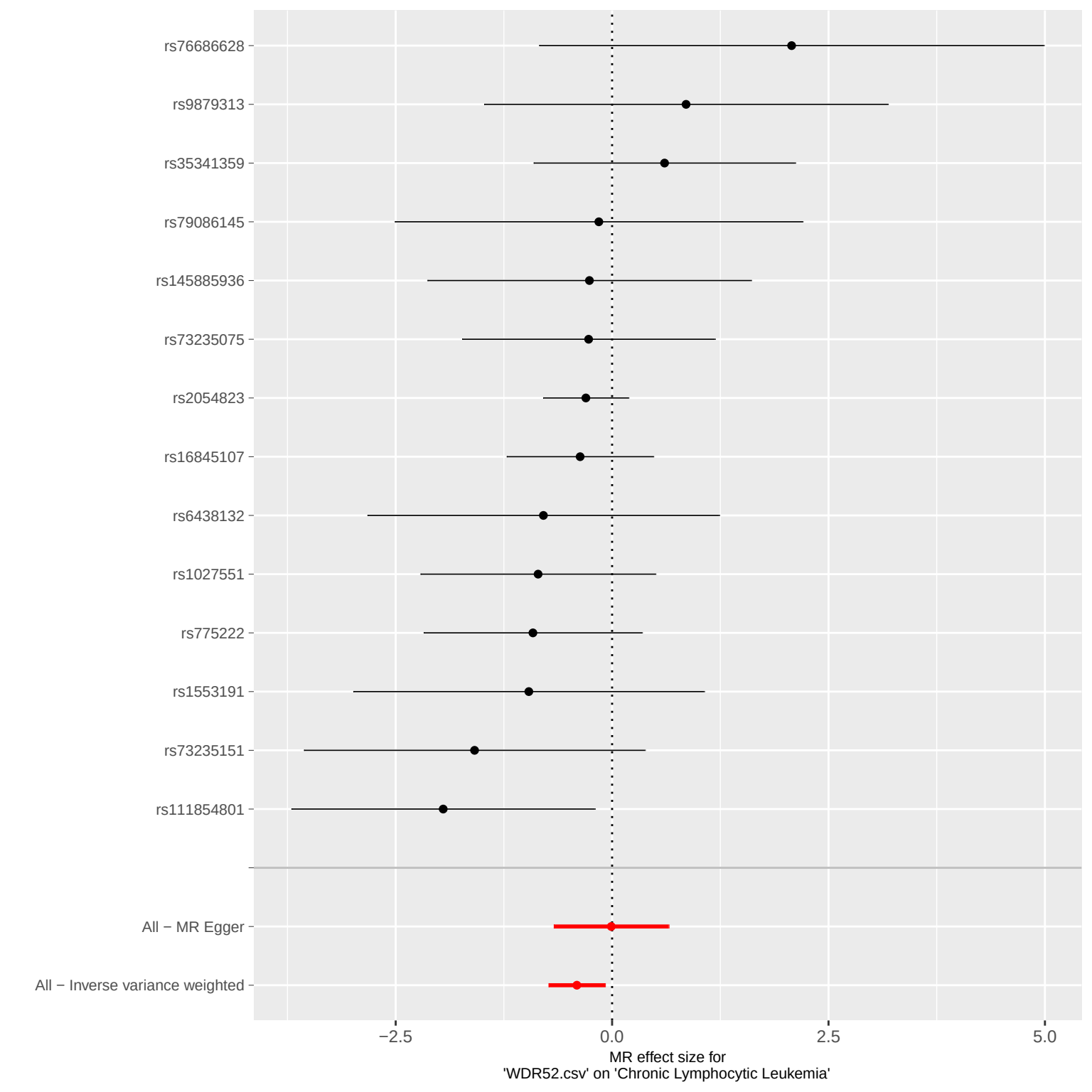
MR effect size for
'WDR25.csv' on 'Chronic Lymphocytic Leukemia'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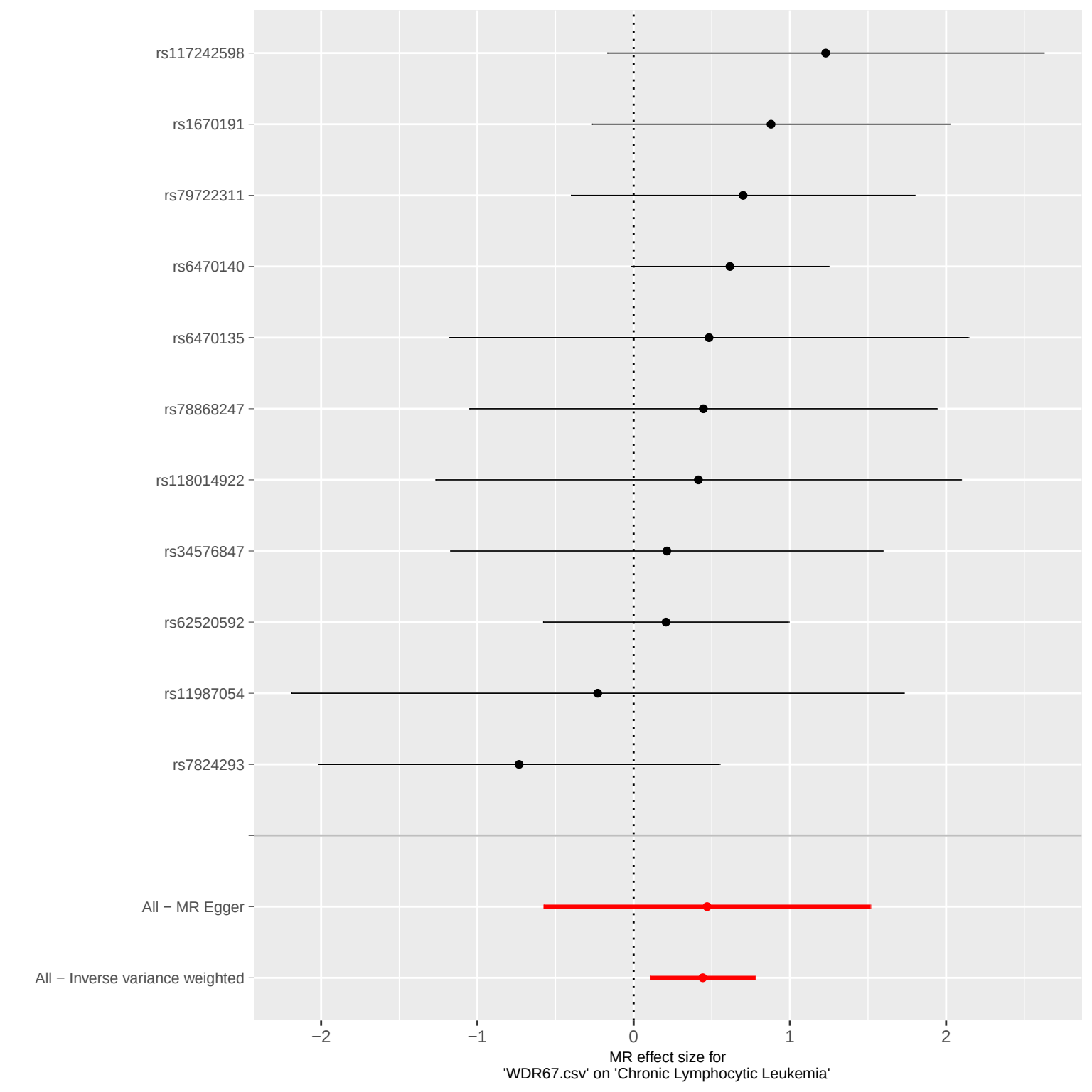
rs145885936
rs73235075
rs2054823
rs16845107
rs6438132
rs1027551
rs775222
rs1553191
rs73235151
rs111854801
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'WDR52.csv' on 'Chronic Lymphocytic Leukemia'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rs6470140
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rs78868247
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rs11987054
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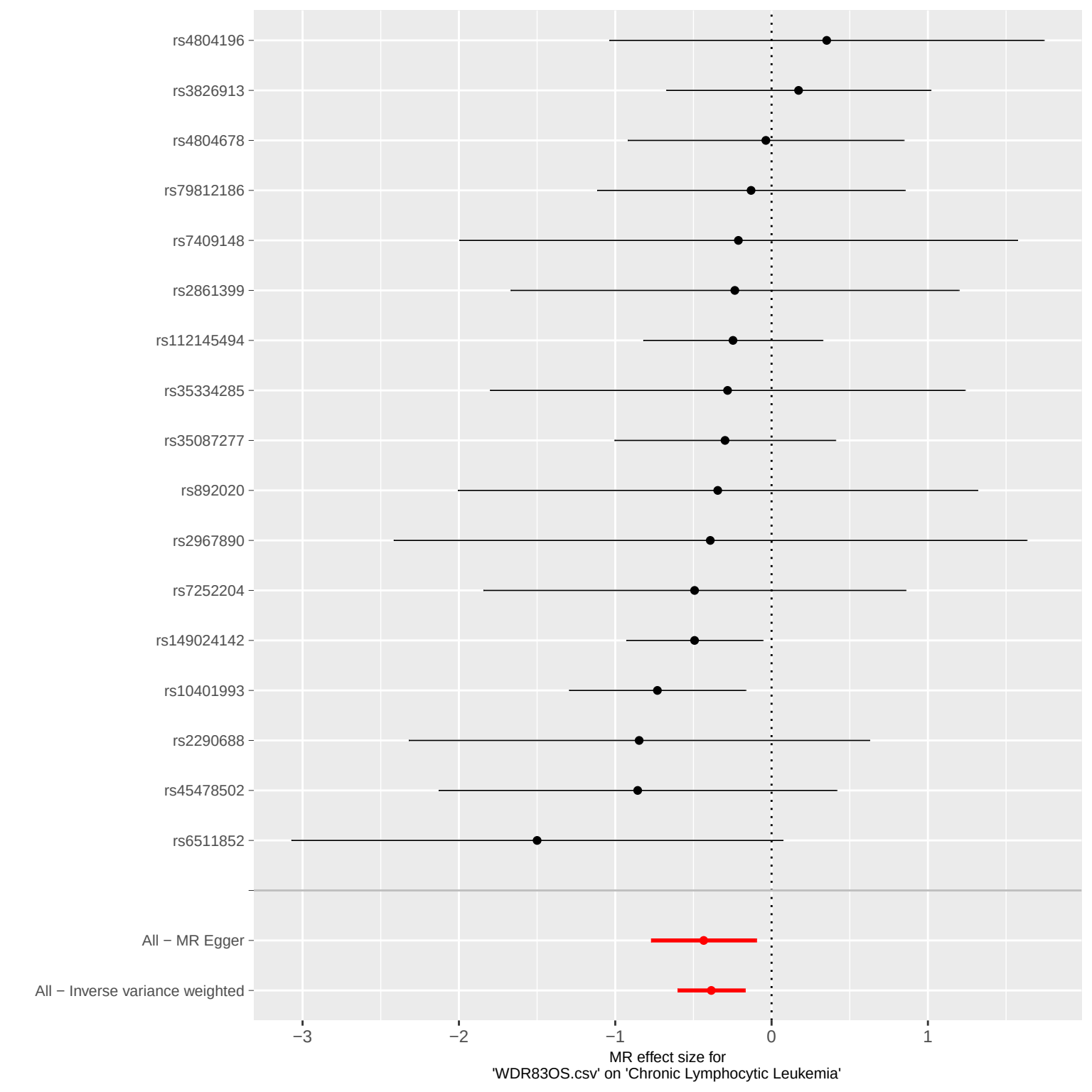
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'WDR67.csv' on 'Chronic Lymphocytic Leukemia'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rs35334285
rs35087277
rs892020
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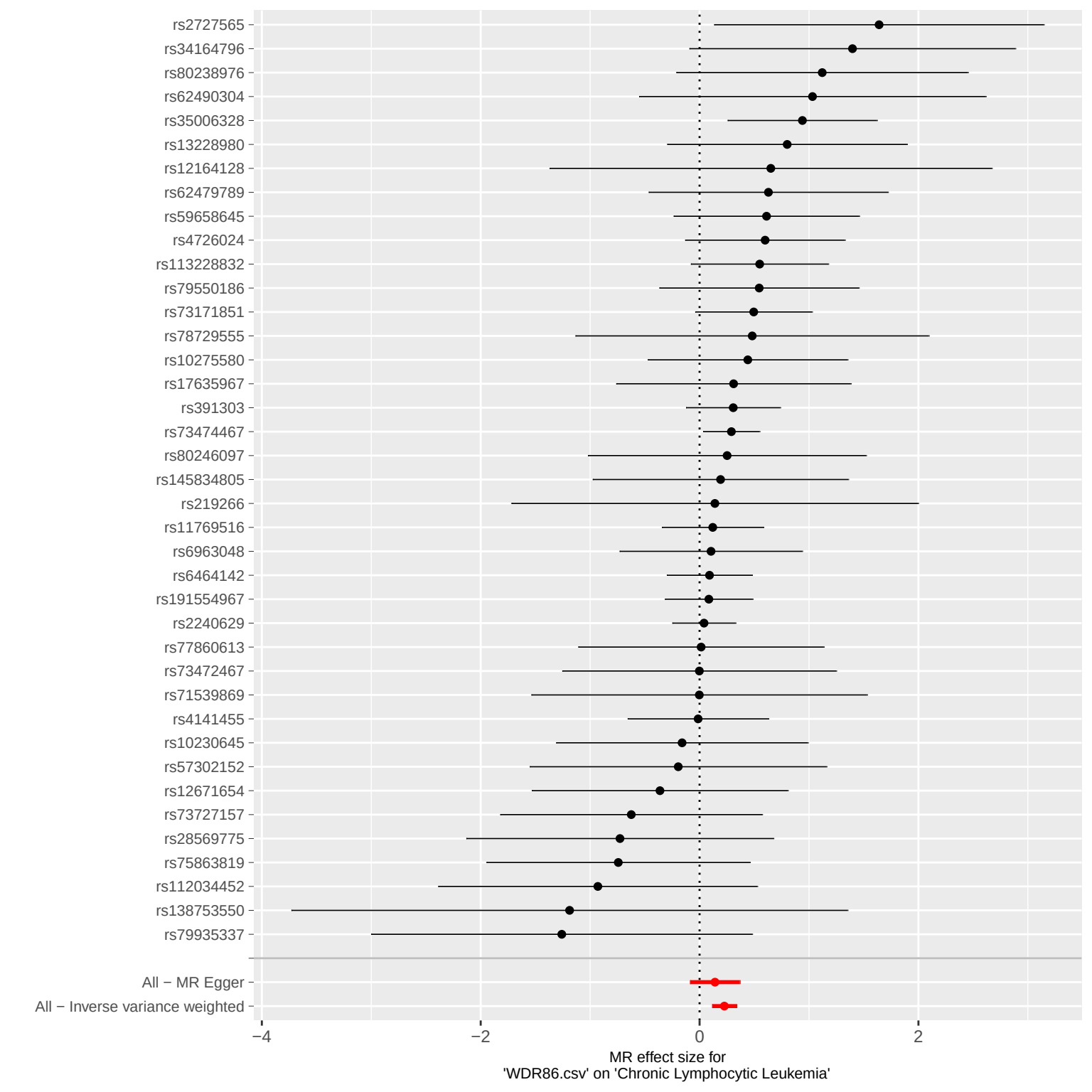
rs149024142
rs10401993
rs2290688
rs45478502
rs6511852
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'WDR83OS.csv' on 'Chronic Lymphocytic Leukemia'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rs80246097
rs145834805
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rs4141455
rs10230645
rs57302152
rs12671654
rs73727157
rs28569775
rs75863819
rs112034452
rs138753550
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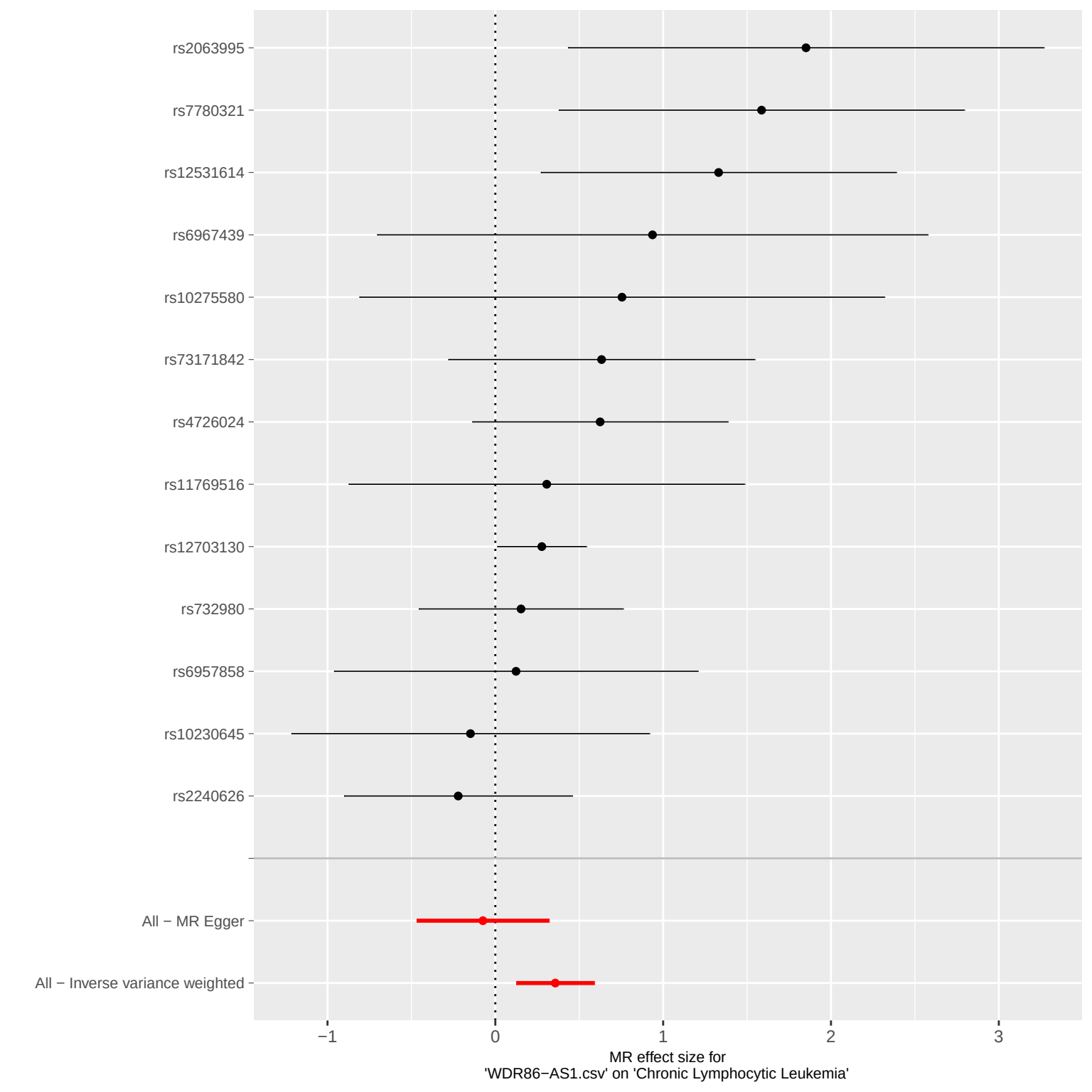
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'WDR86.csv' on 'Chronic Lymphocytic Leukemia'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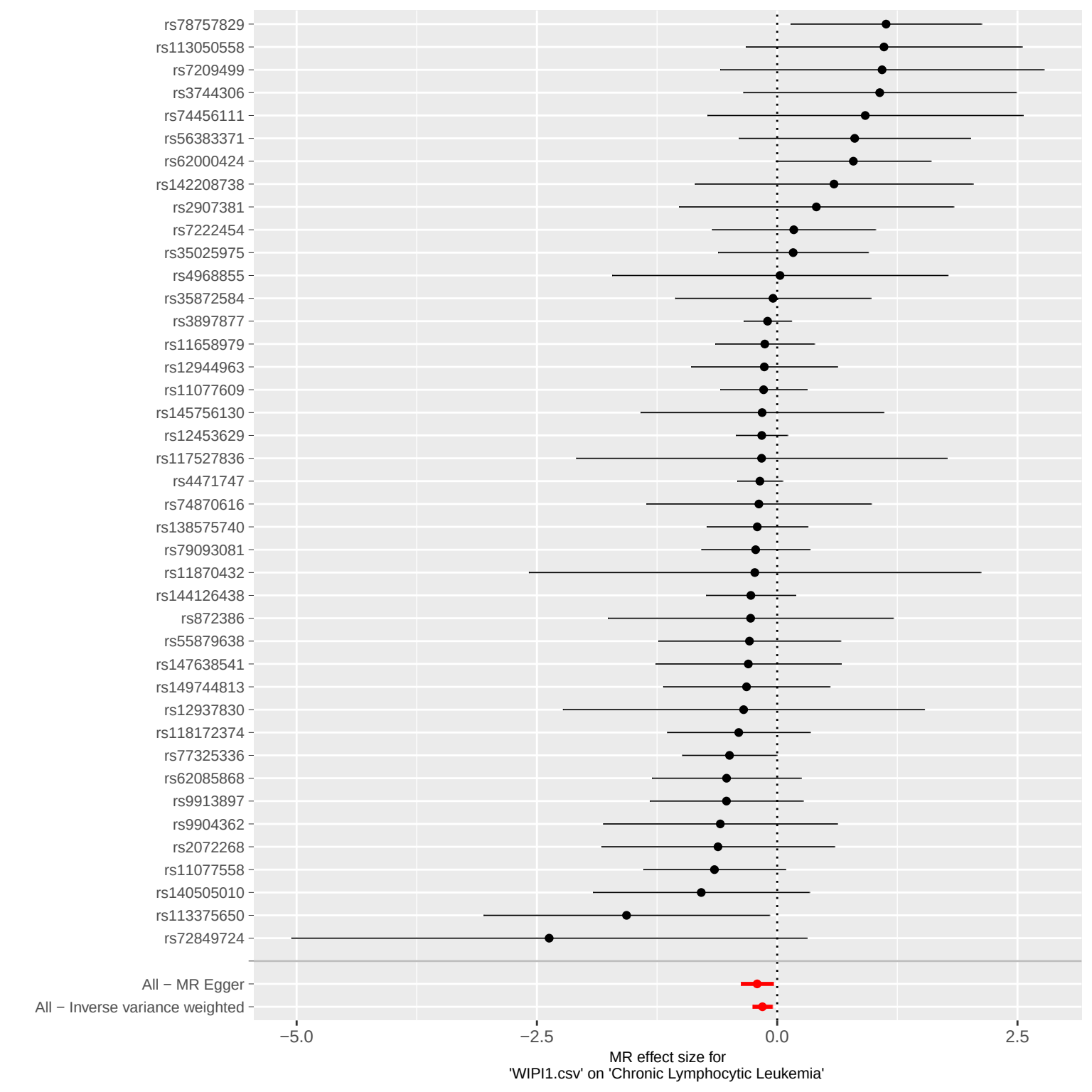
rs732980
rs6957858
rs10230645
rs2240626
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'WDR86−AS1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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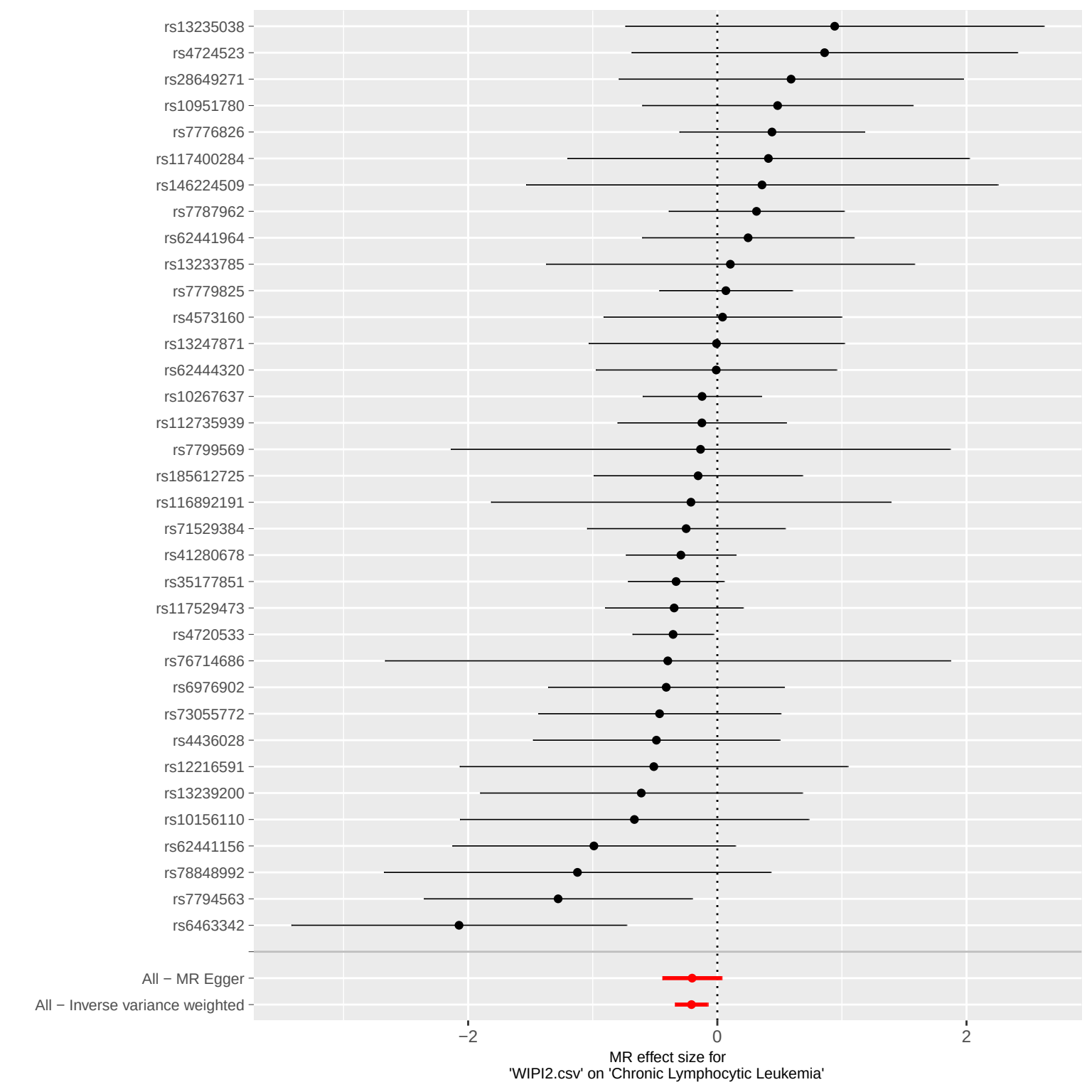
−2.5
0.0
2.5
MR effect size for
'WIPI1.csv' on 'Chronic Lymphocytic Leukemia'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rs116892191
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rs4720533
rs76714686
rs6976902
rs73055772
rs4436028
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rs13239200
rs10156110
rs62441156
rs78848992
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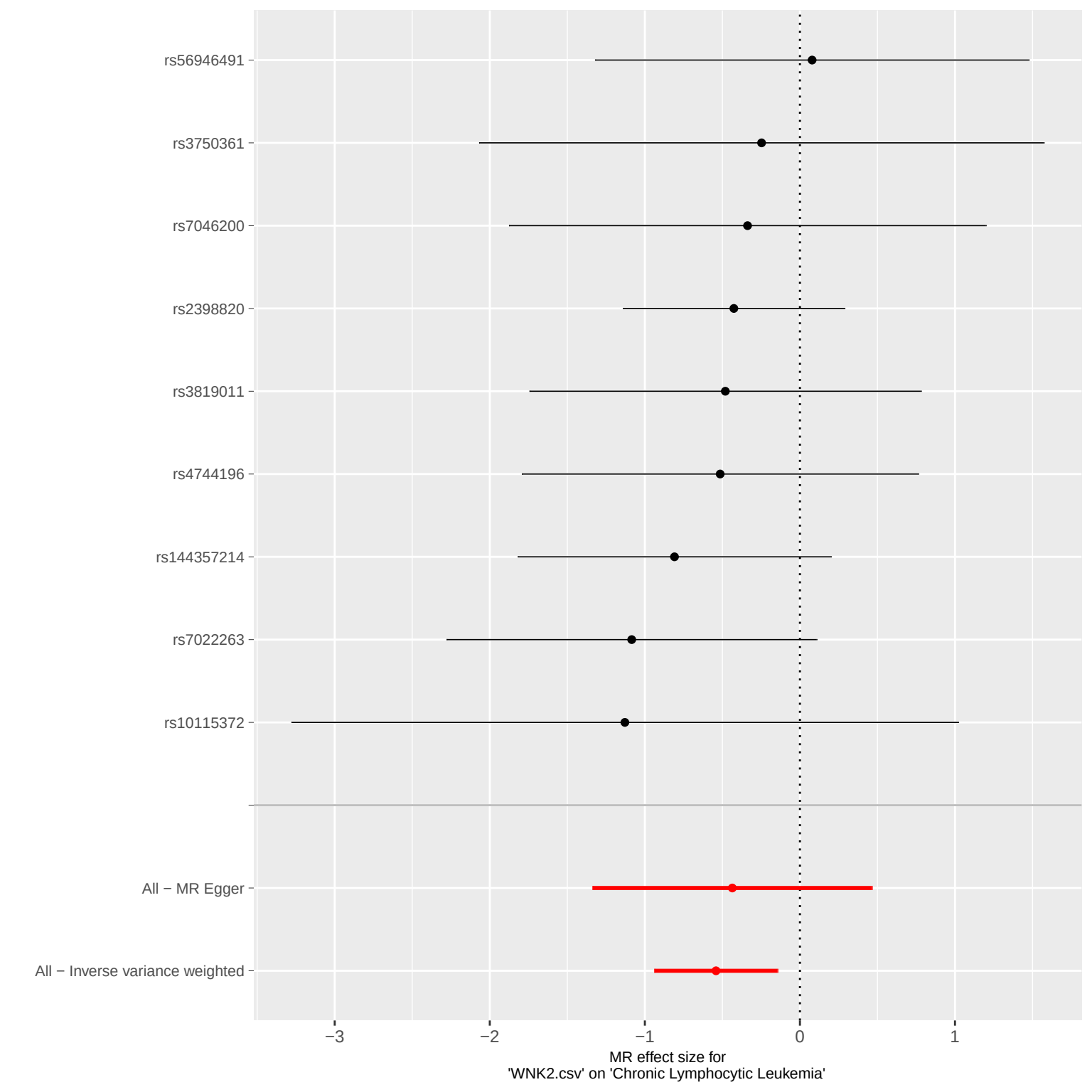
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'WIPI2.csv' on 'Chronic Lymphocytic Leukemia'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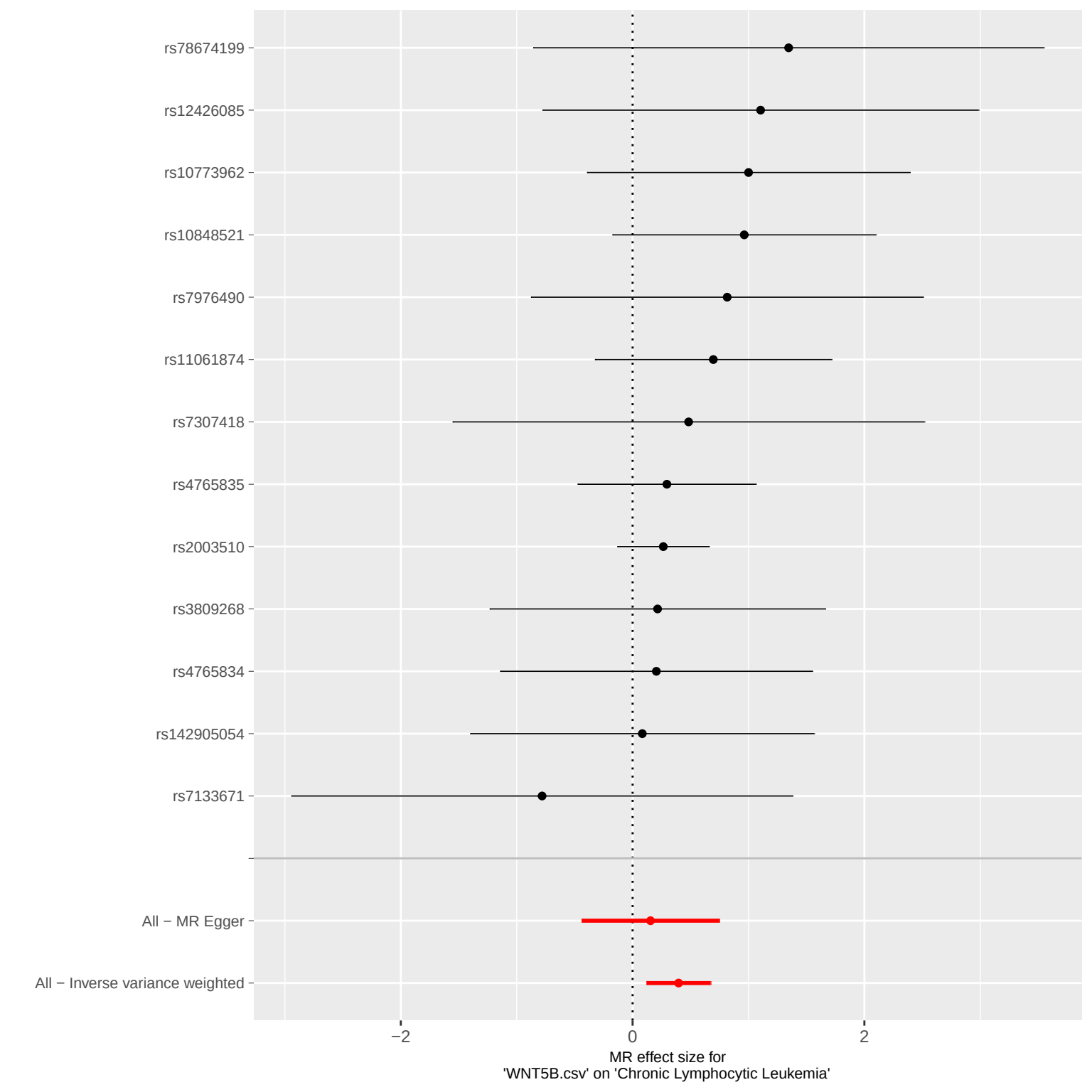
rs7046200
rs2398820
rs3819011
rs4744196
rs144357214
rs7022263
rs10115372
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'WNK2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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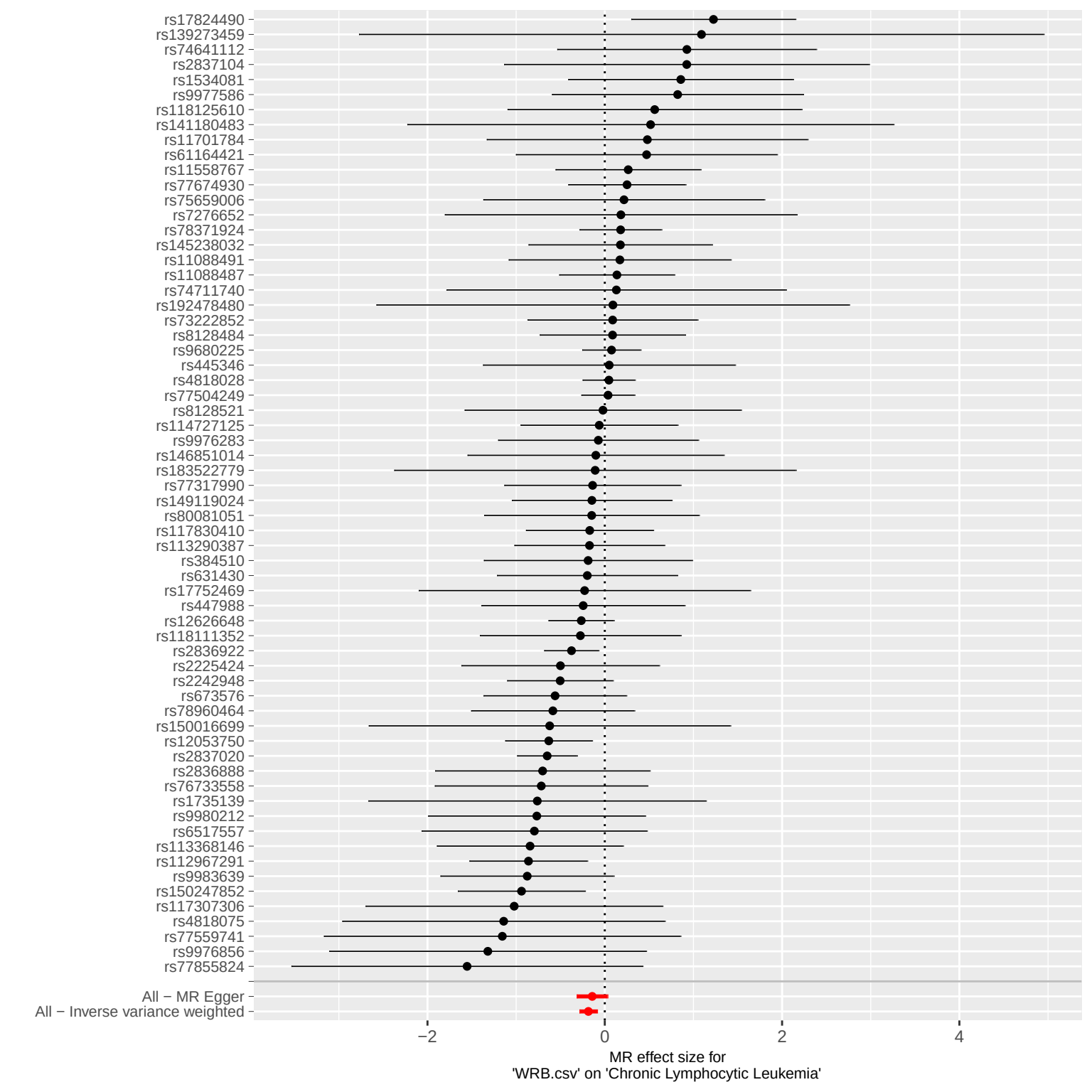
MR effect size for
'WNT5B.csv' on 'Chronic Lymphocytic Leukemia'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rs9976856
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All − MR Egger
All − Inverse variance weighted
−2
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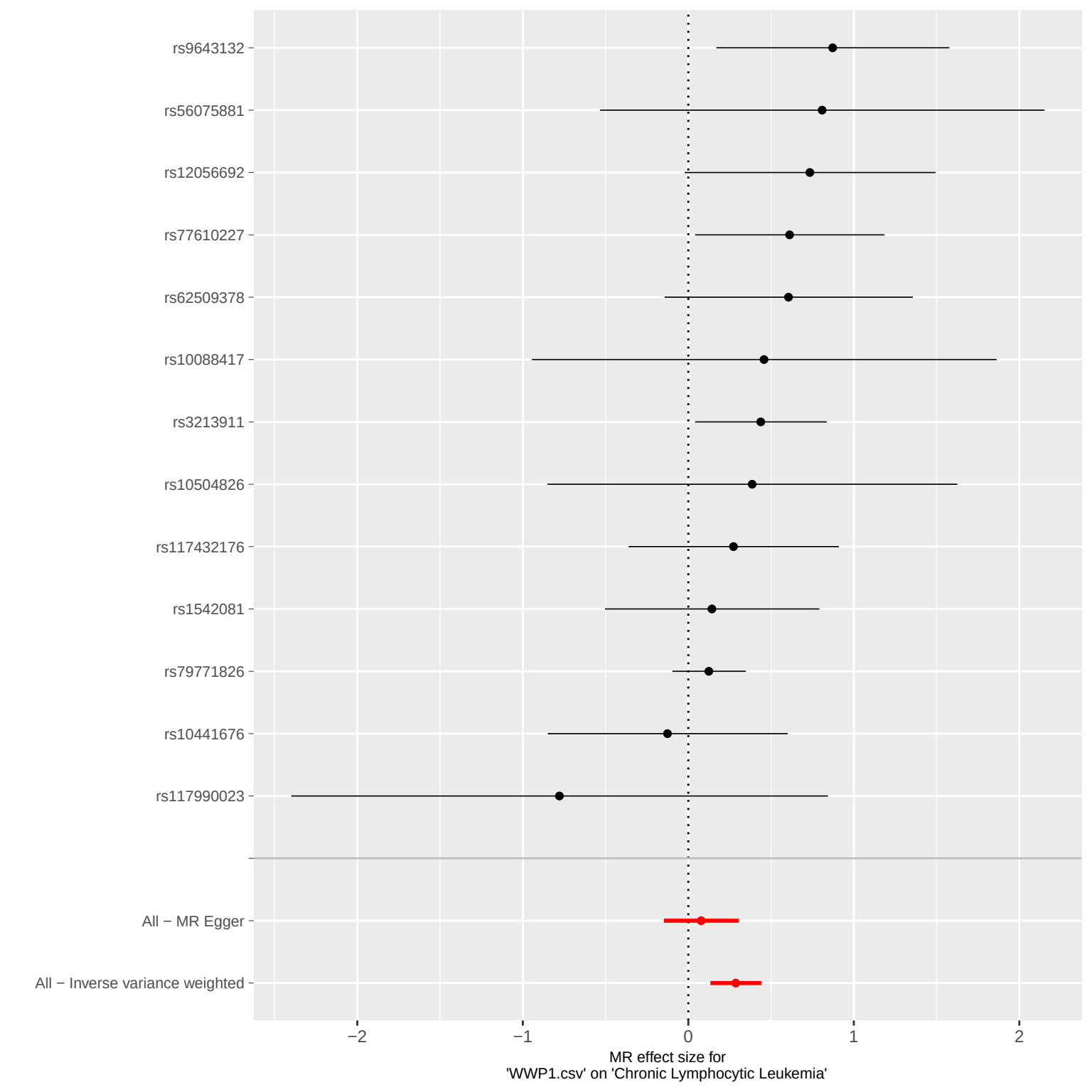
4
MR effect size for
'WRB.csv' on 'Chronic Lymphocytic Leukemia'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rs10441676
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All − MR Egger
All − Inverse variance weighted
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−1
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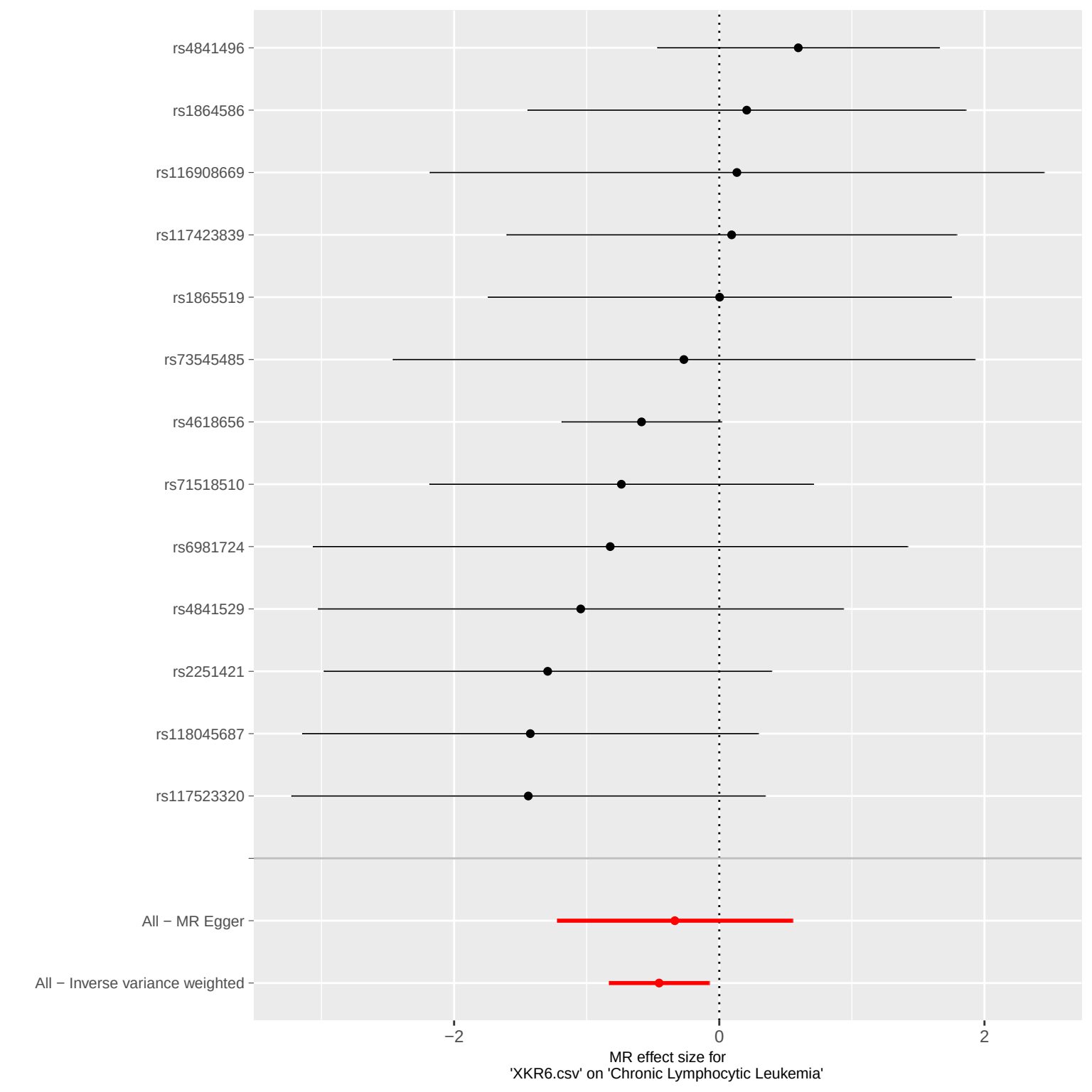
2
MR effect size for
'WWP1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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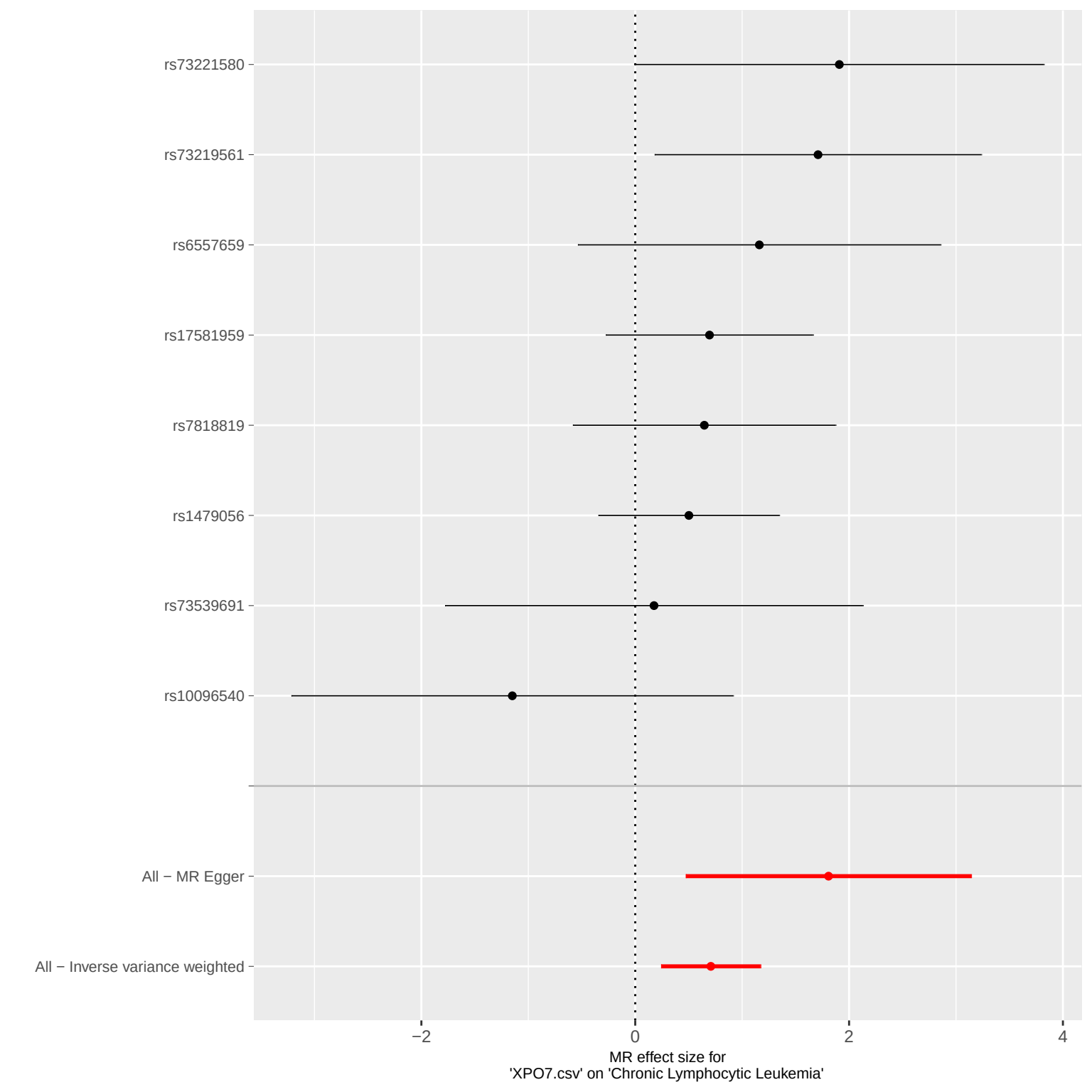
MR effect size for
'XKR6.csv' on 'Chronic Lymphocytic Leukemia'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rs7818819
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rs73539691
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All − Inverse variance weighted
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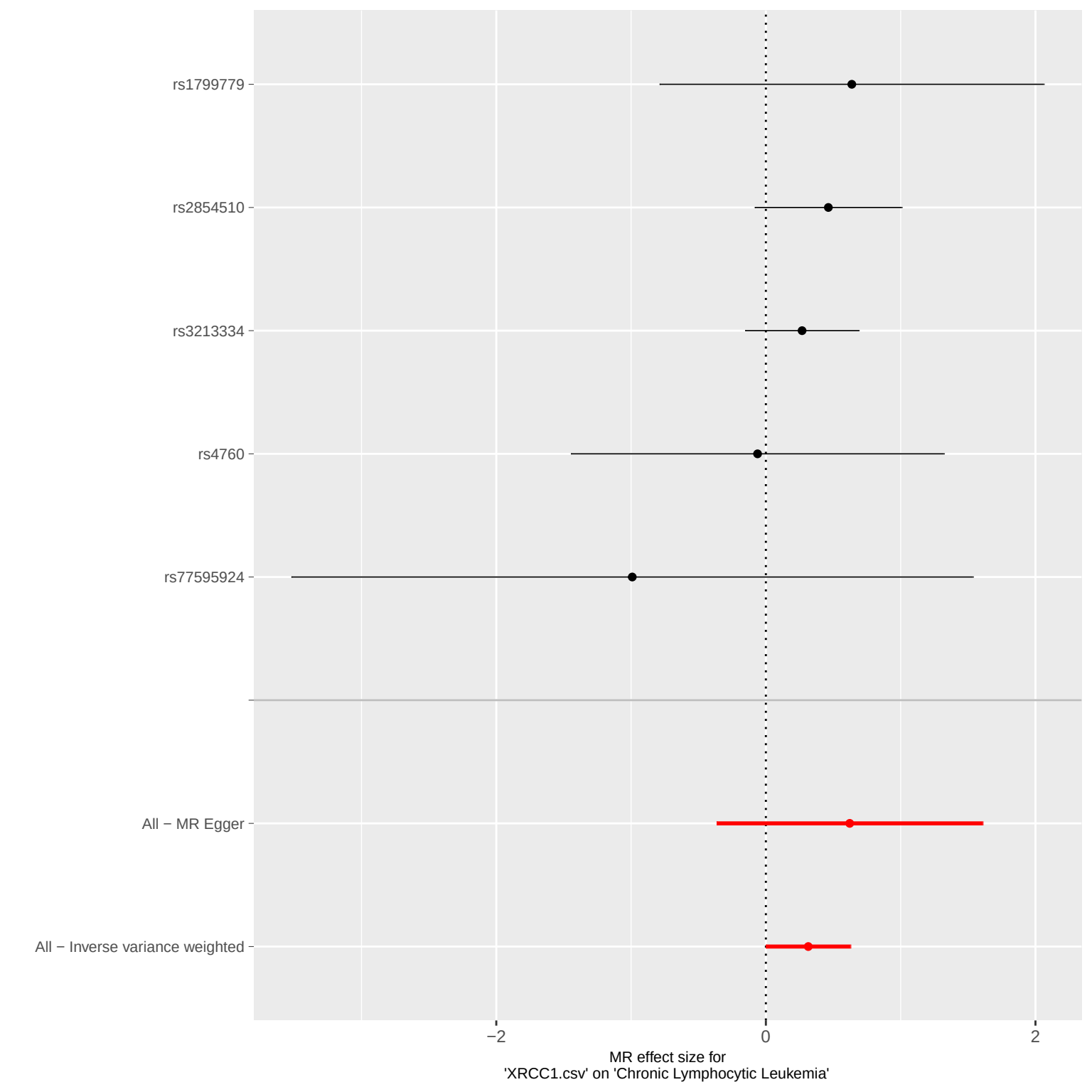
4
MR effect size for
'XPO7.csv' on 'Chronic Lymphocytic Leukemia'


rs1799779
rs2854510
rs3213334
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All − MR Egger
All − Inverse variance weighted
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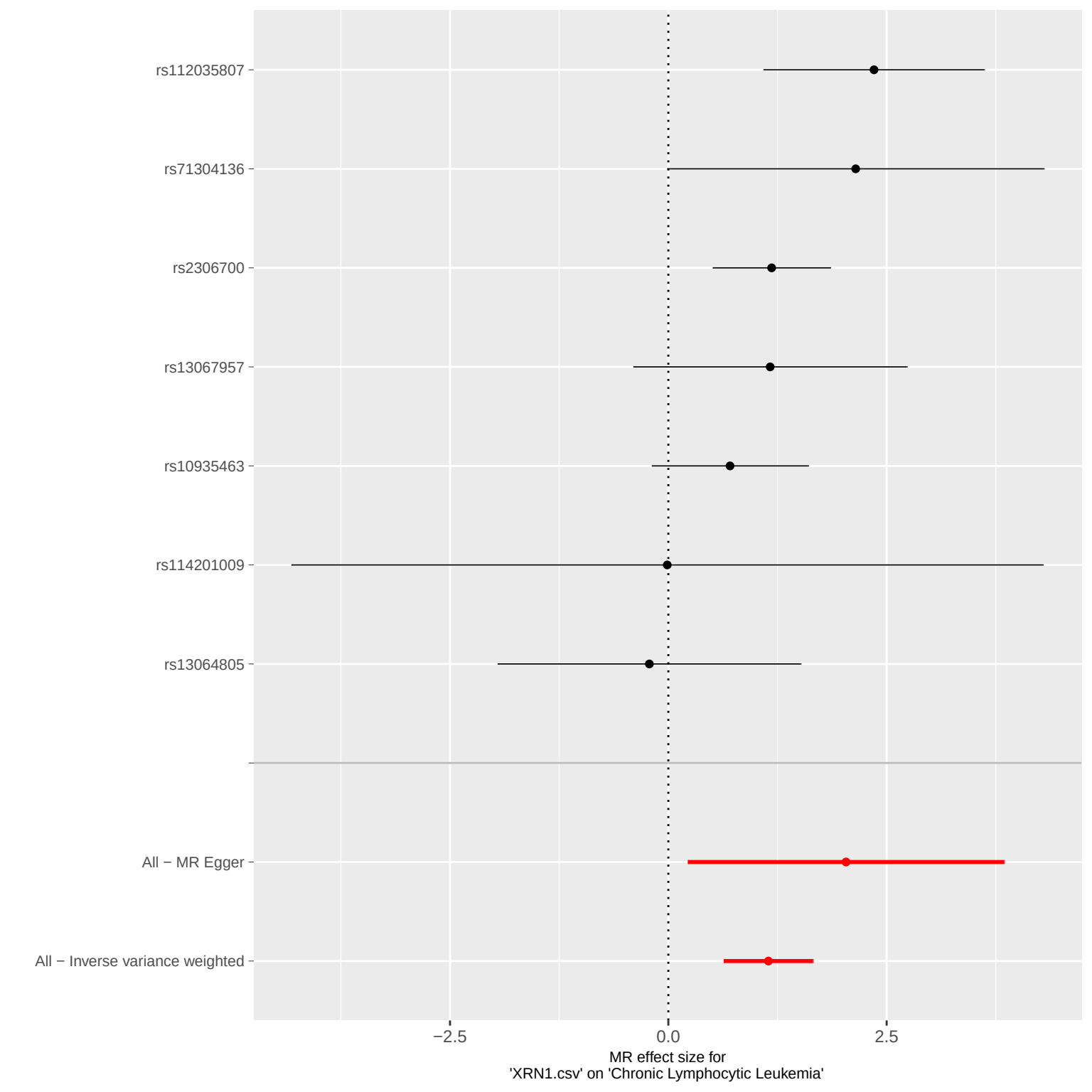
2
MR effect size for
'XRCC1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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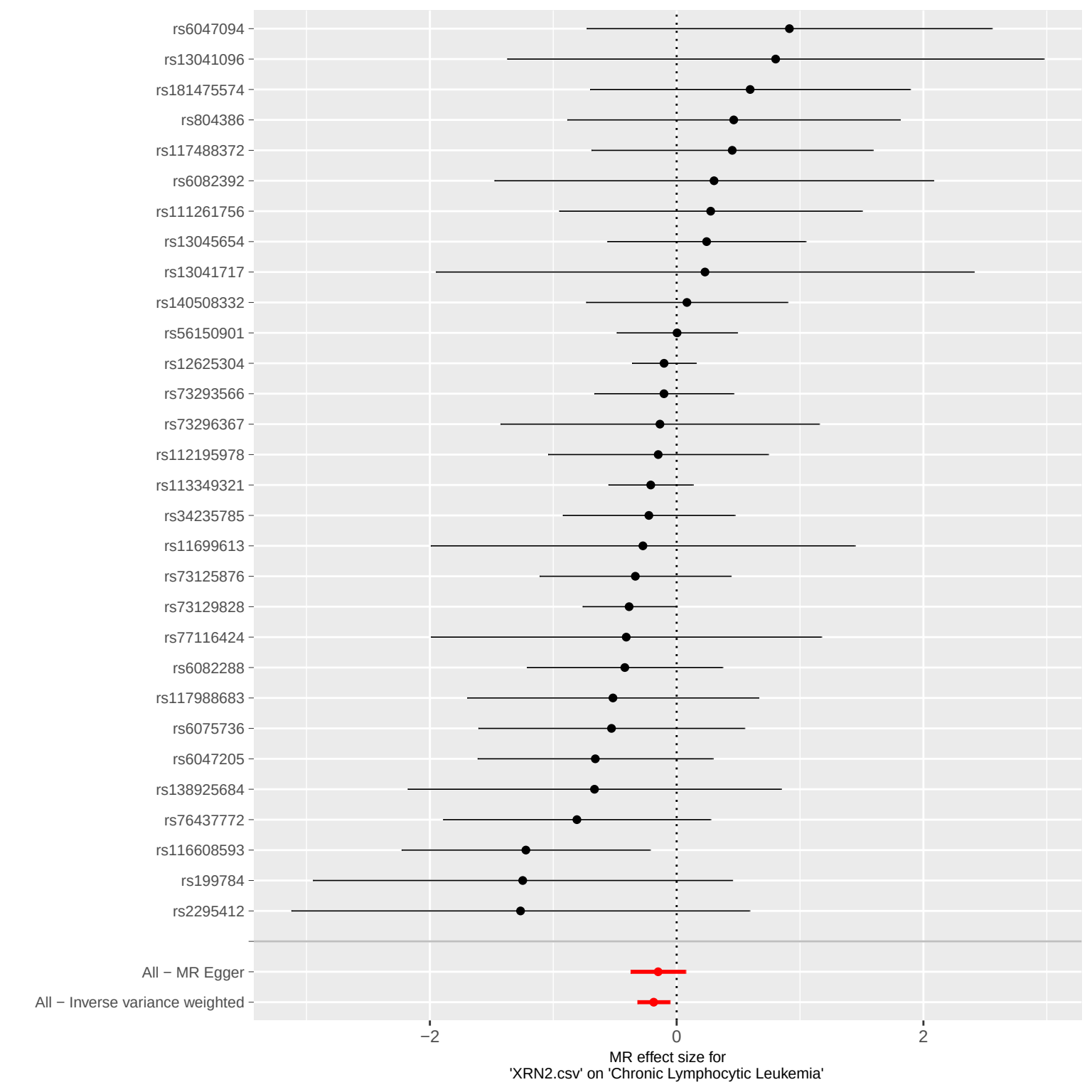
0.0
2.5
MR effect size for
'XRN1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
−2
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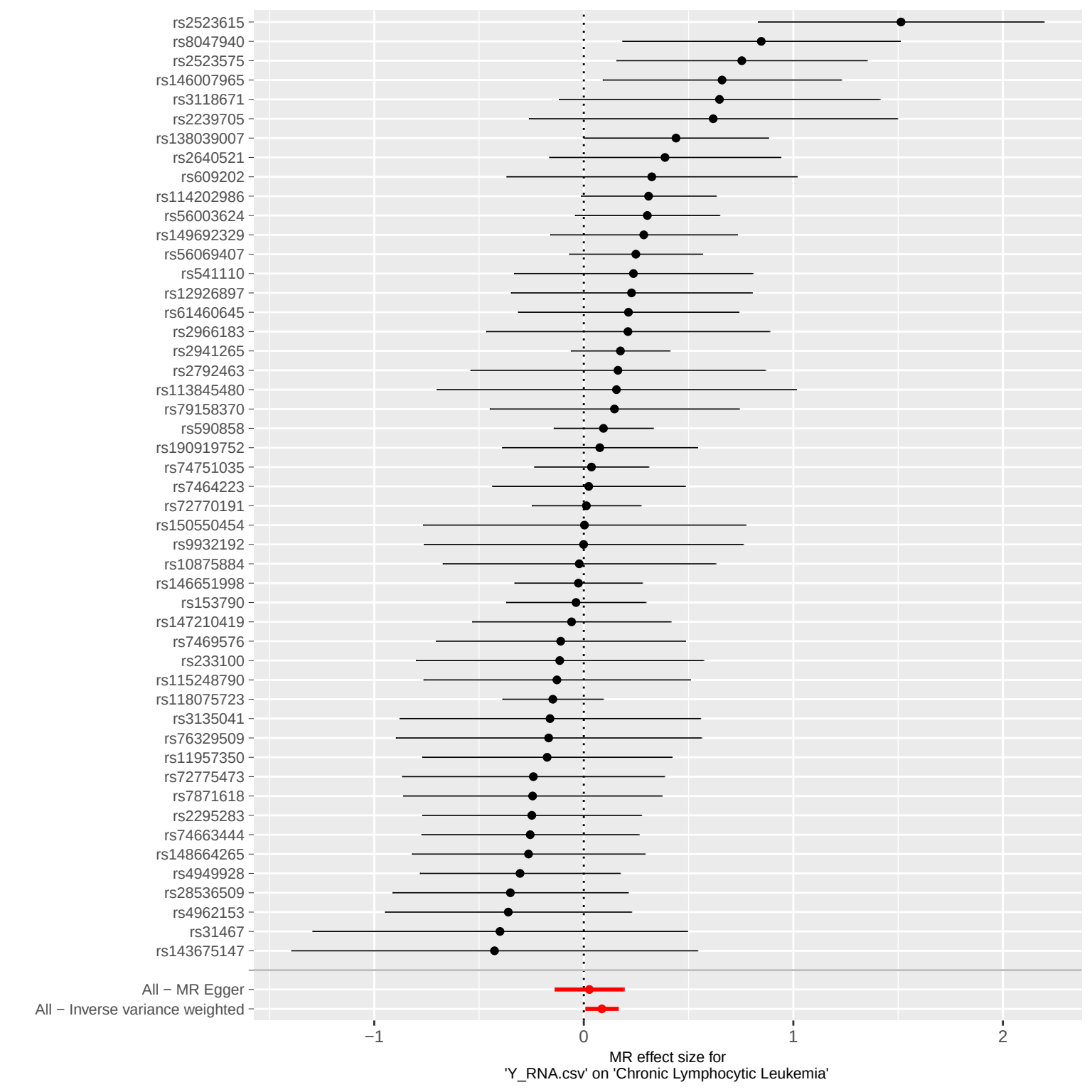
2
MR effect size for
'XRN2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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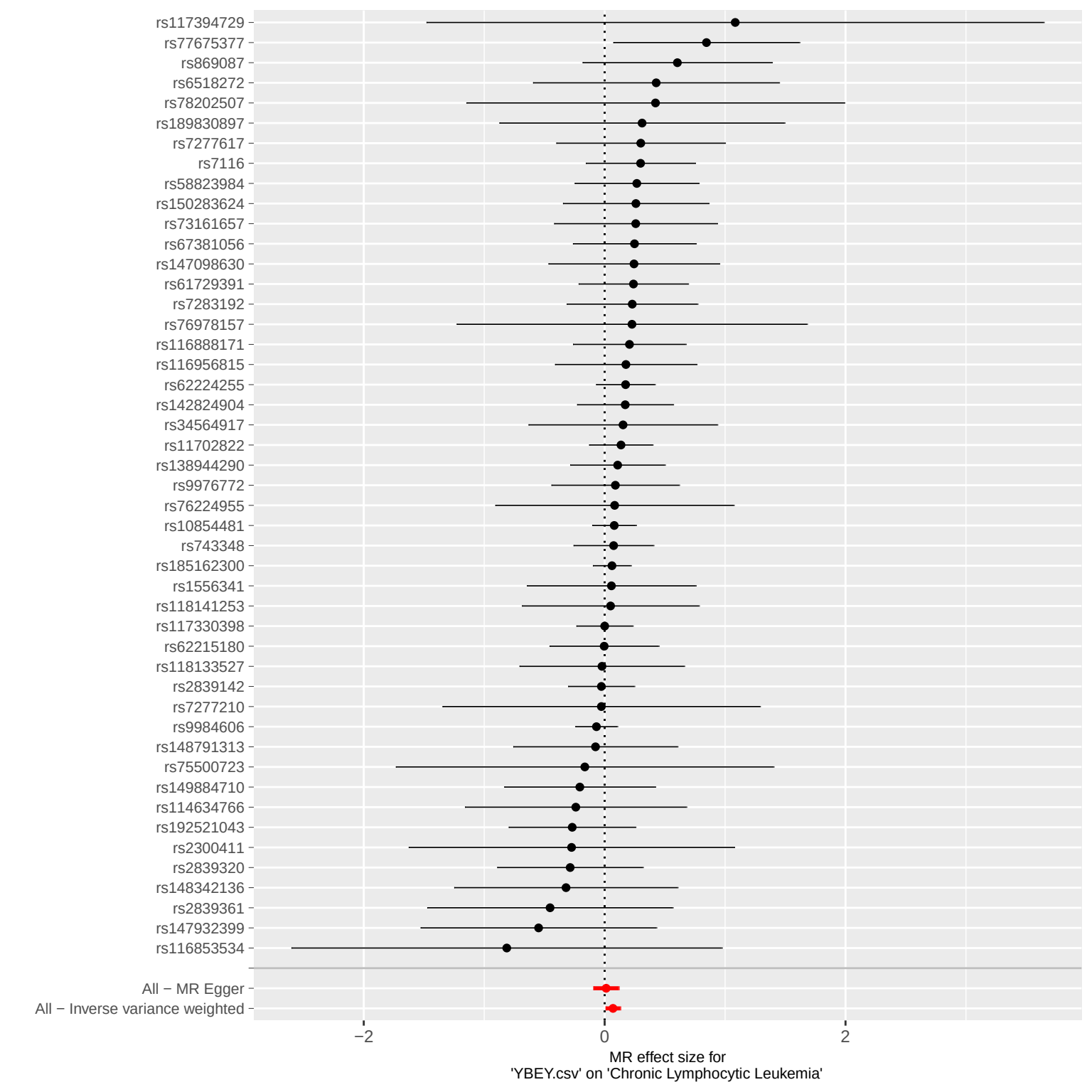
1
2
MR effect size for
'Y_RNA.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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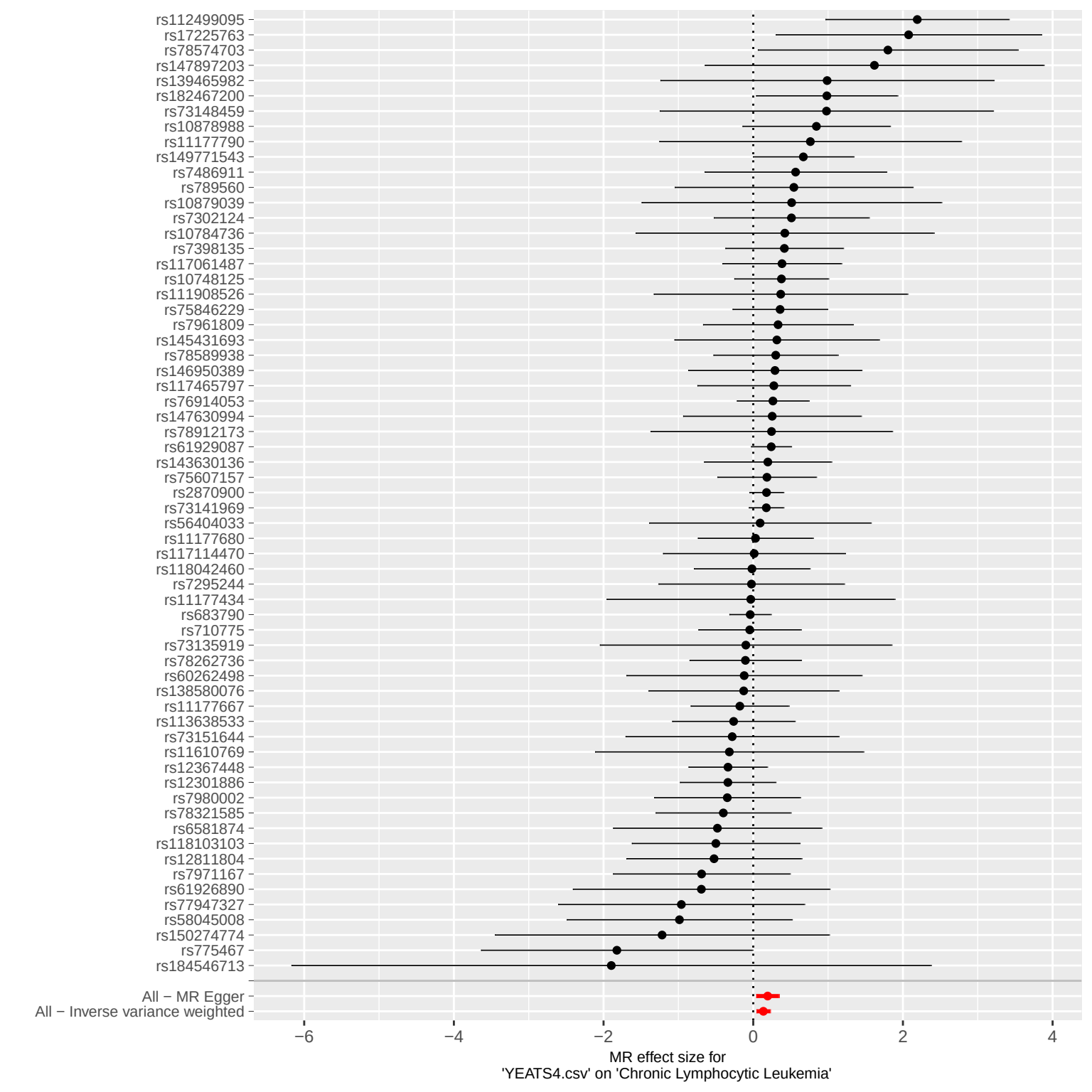
MR effect size for
'YBEY.csv' on 'Chronic Lymphocytic Leukemia'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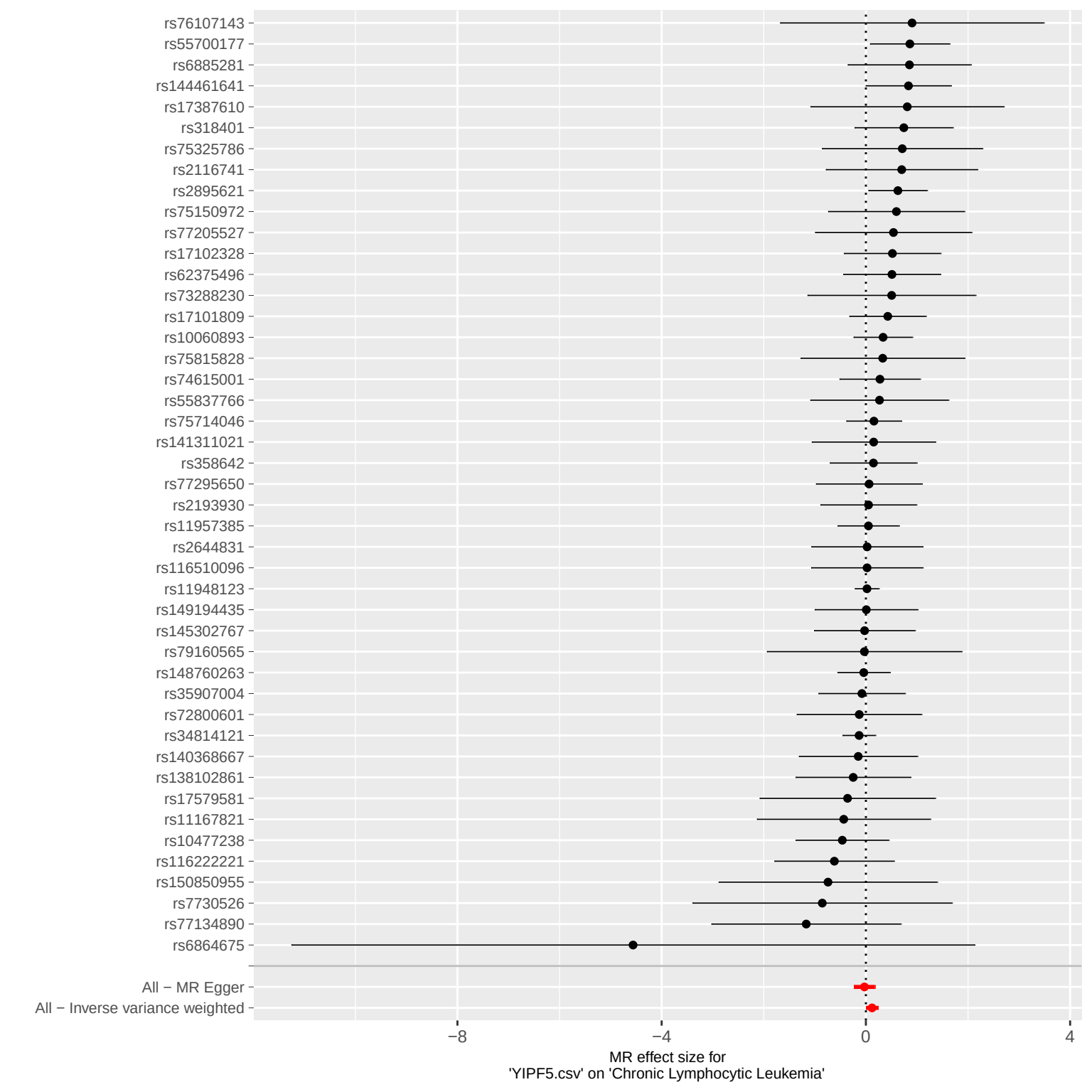
rs12811804
rs7971167
rs61926890
rs77947327
rs58045008
rs150274774
rs775467
rs184546713
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
4
MR effect size for
'YEATS4.csv' on 'Chronic Lymphocytic Leukemia'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rs140368667
rs138102861
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rs11167821
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rs150850955
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rs77134890
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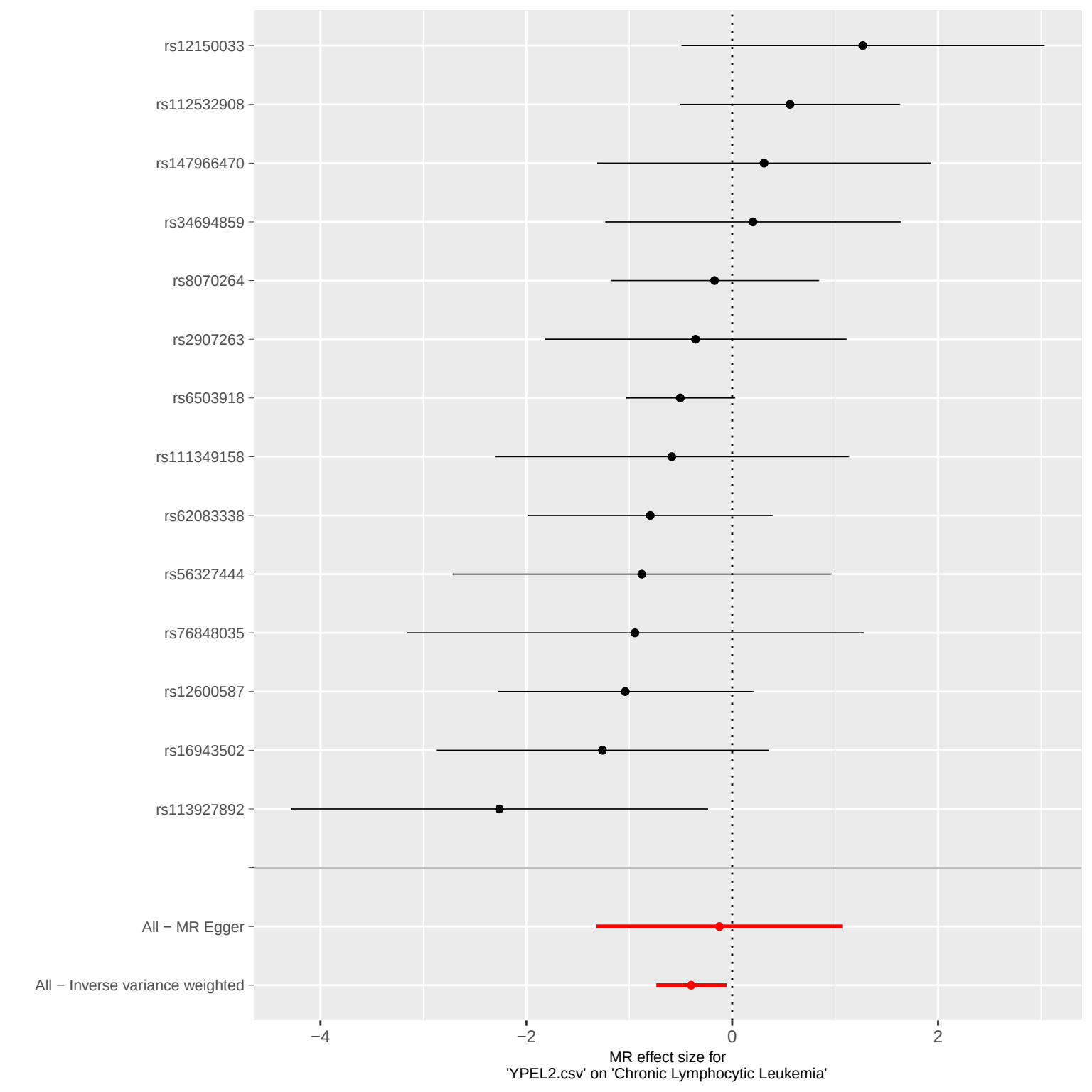
All − MR Egger
All − Inverse variance weighted
−8
−4
0
4
MR effect size for
'YIPF5.csv' on 'Chronic Lymphocytic Leukemia'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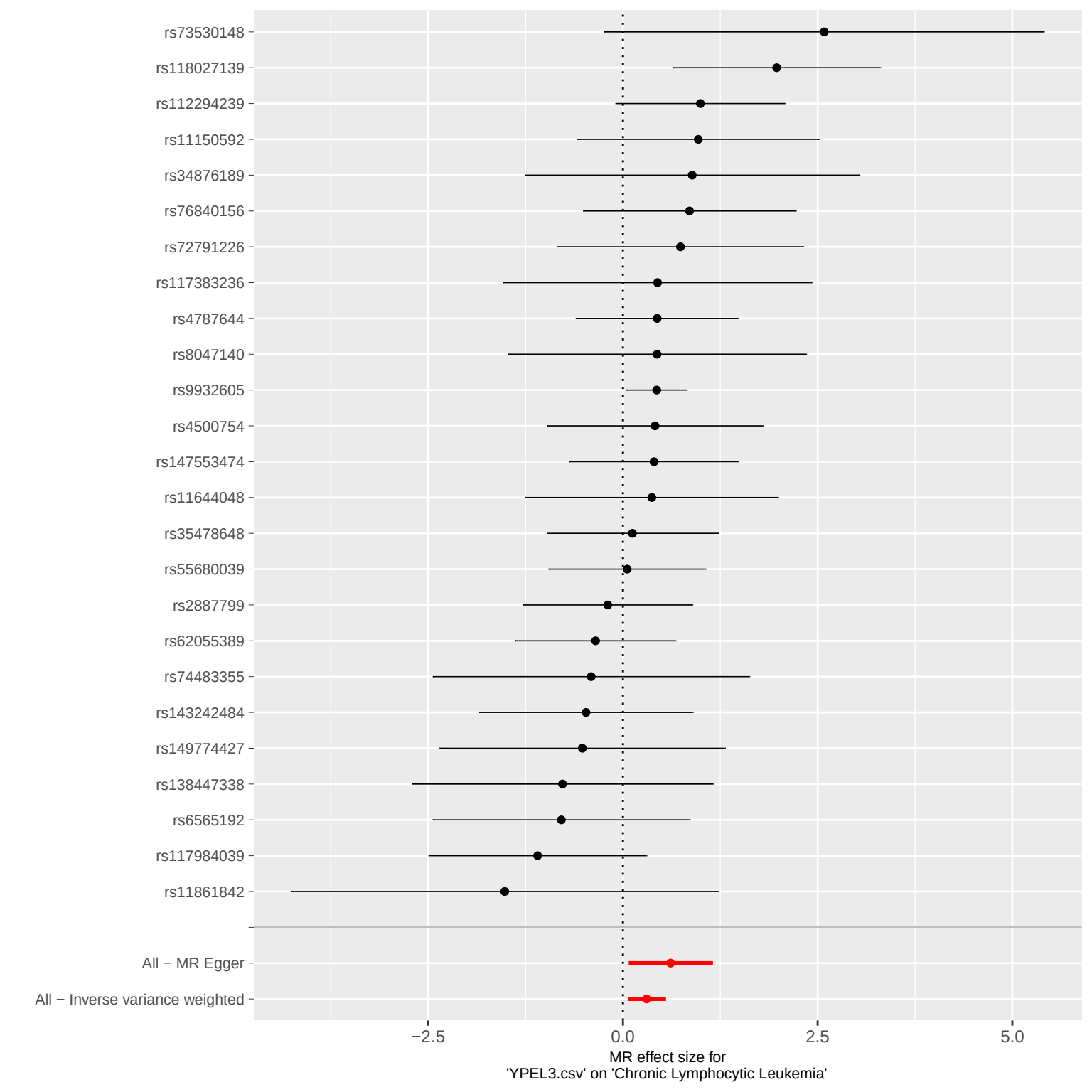
rs12600587
rs16943502
rs113927892
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'YPEL2.csv' on 'Chronic Lymphocytic Leukemia'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rs11861842
All − MR Egger
All − Inverse variance weighted
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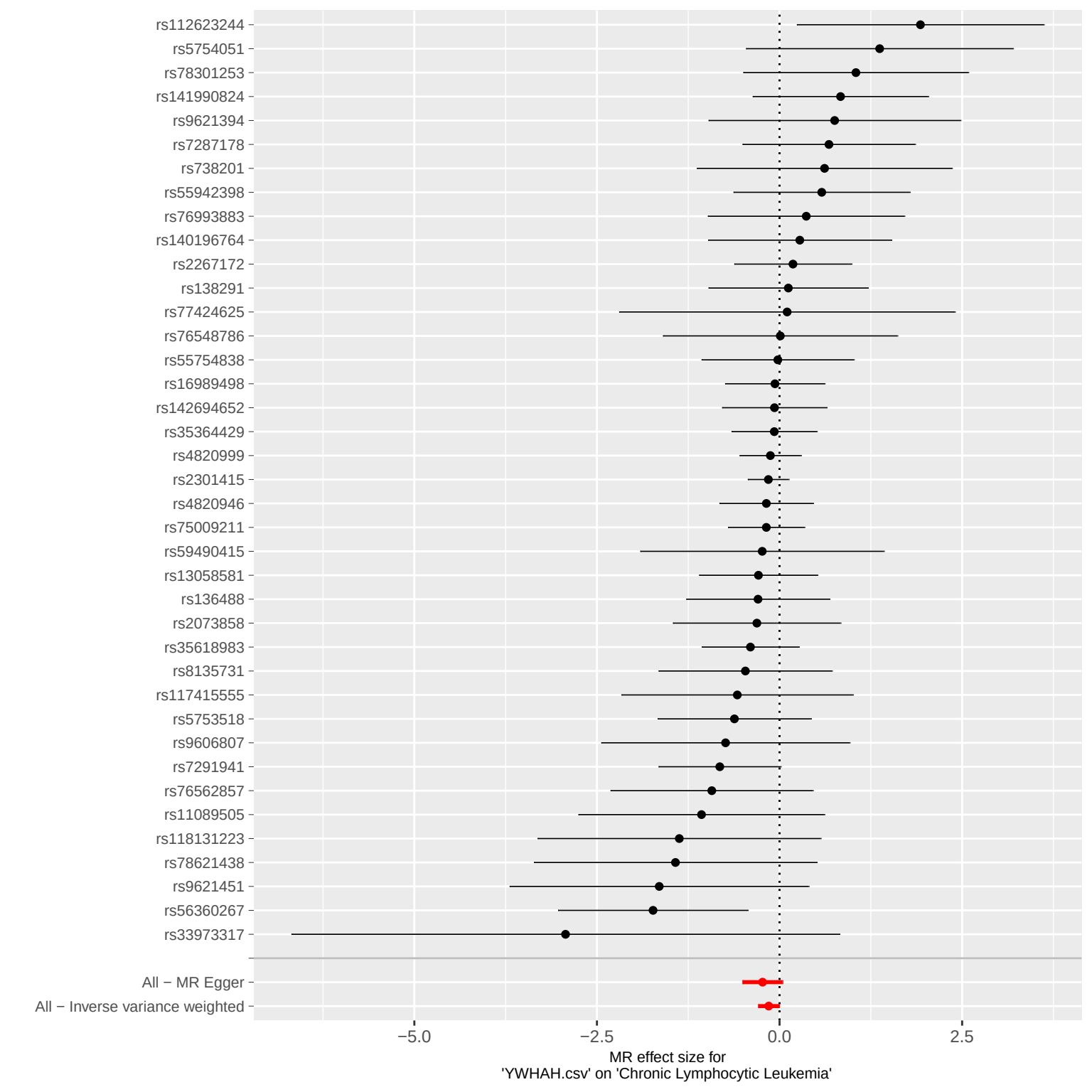
2.5
5.0
MR effect size for
'YPEL3.csv' on 'Chronic Lymphocytic Leukemia'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rs11089505
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rs9621451
rs56360267
rs33973317
All − MR Egger
All − Inverse variance weighted
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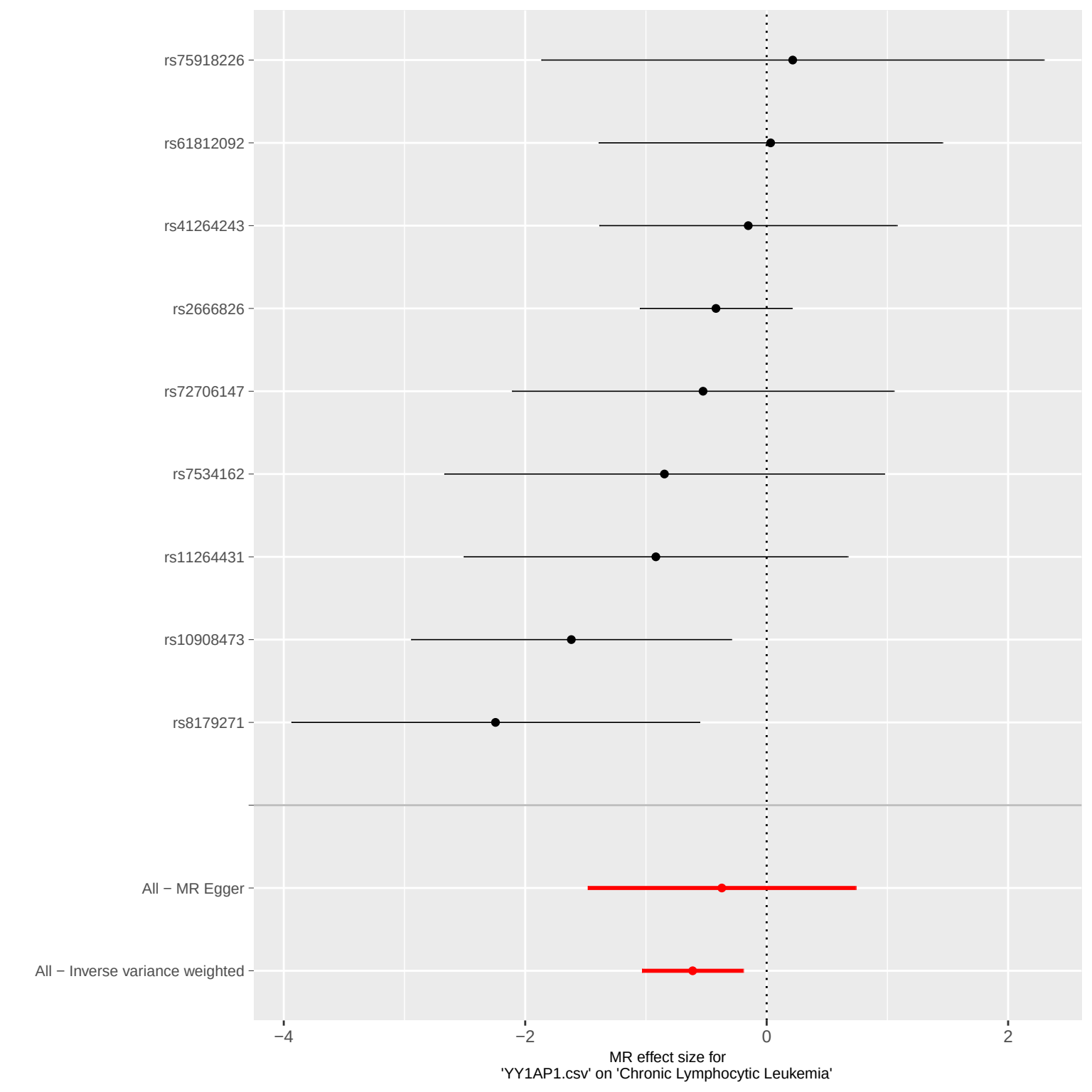
MR effect size for
'YWHAH.csv' on 'Chronic Lymphocytic Leukemia'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rs10908473
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All − MR Egger
All − Inverse variance weighted
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−2
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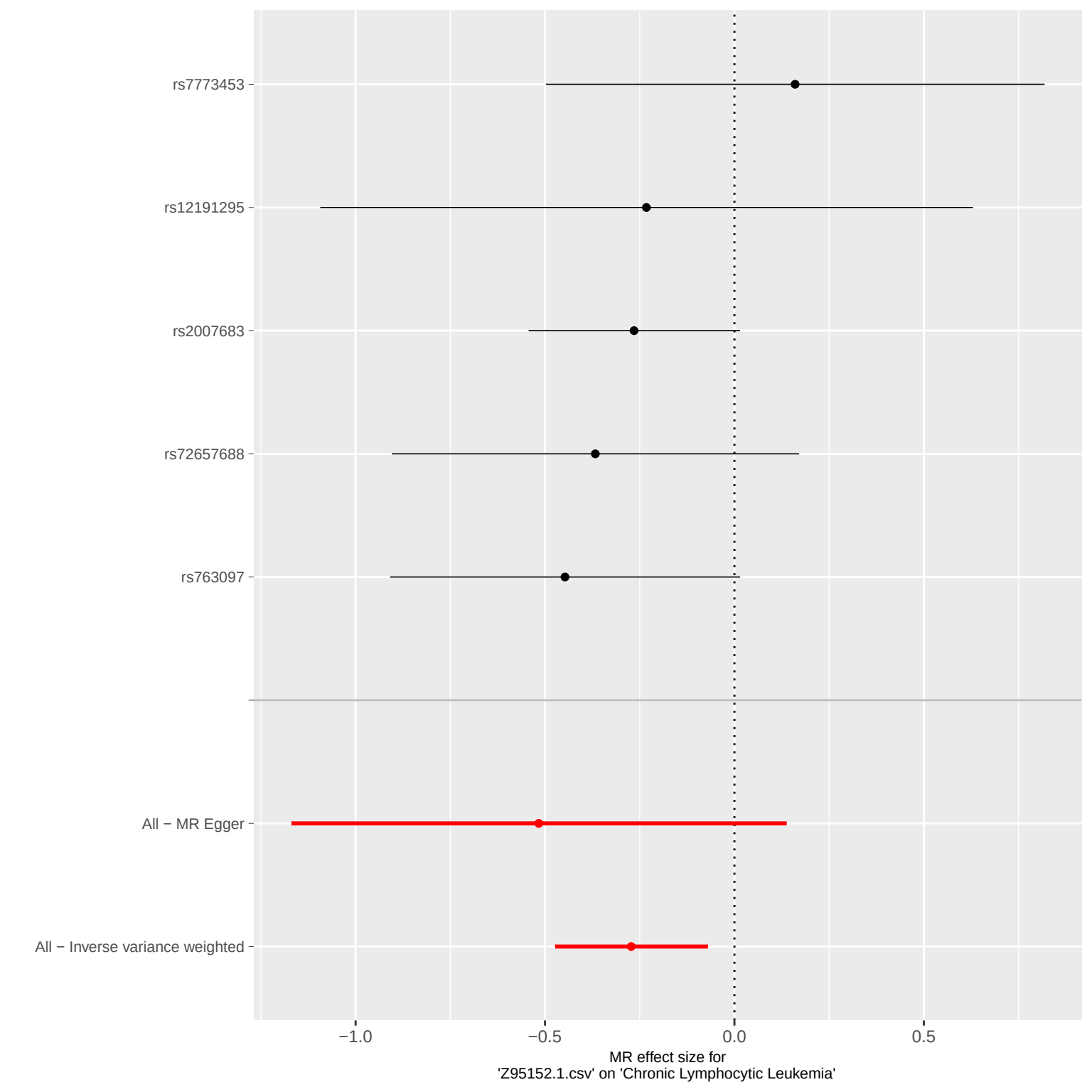
MR effect size for
'YY1AP1.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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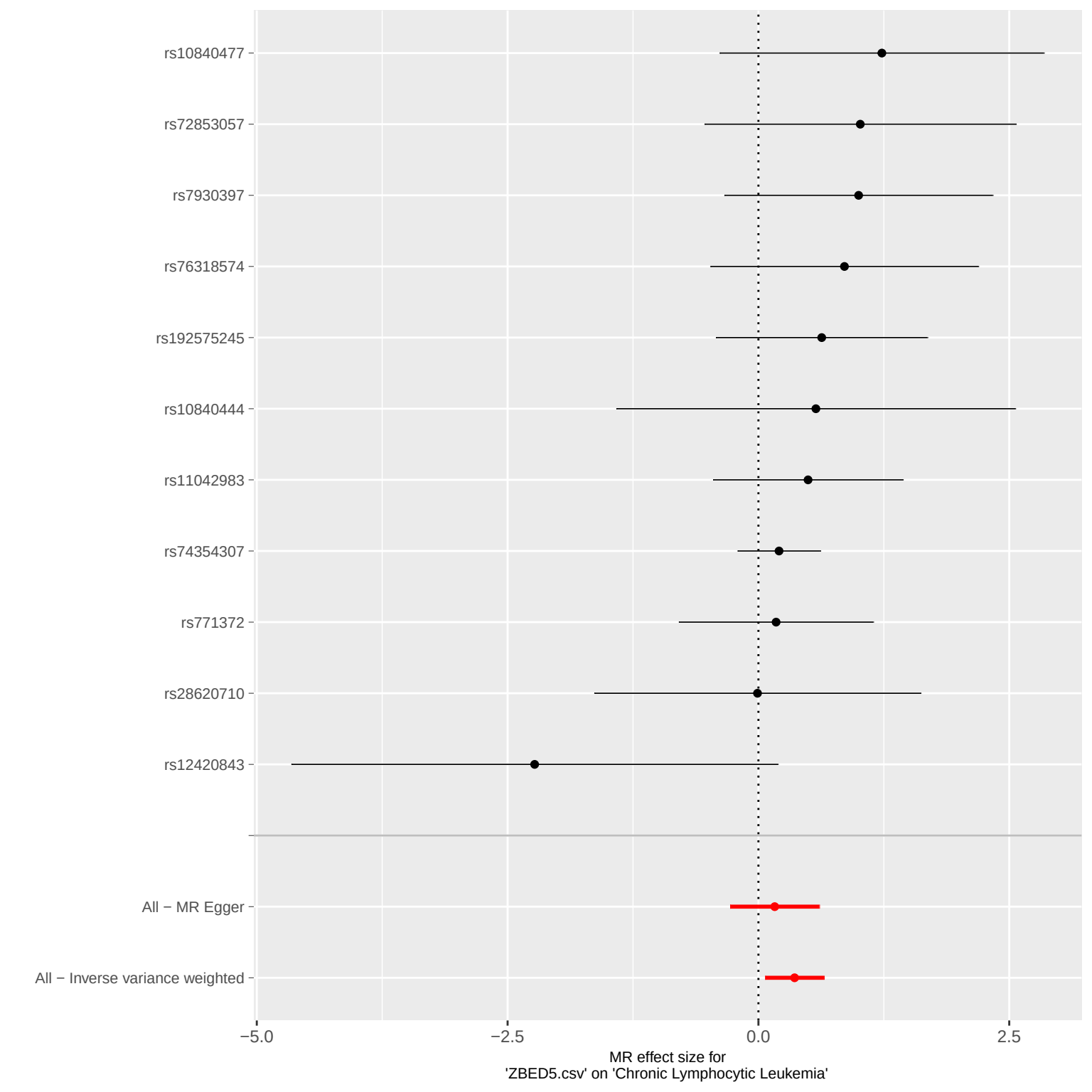
0.0
0.5
MR effect size for
'Z95152.1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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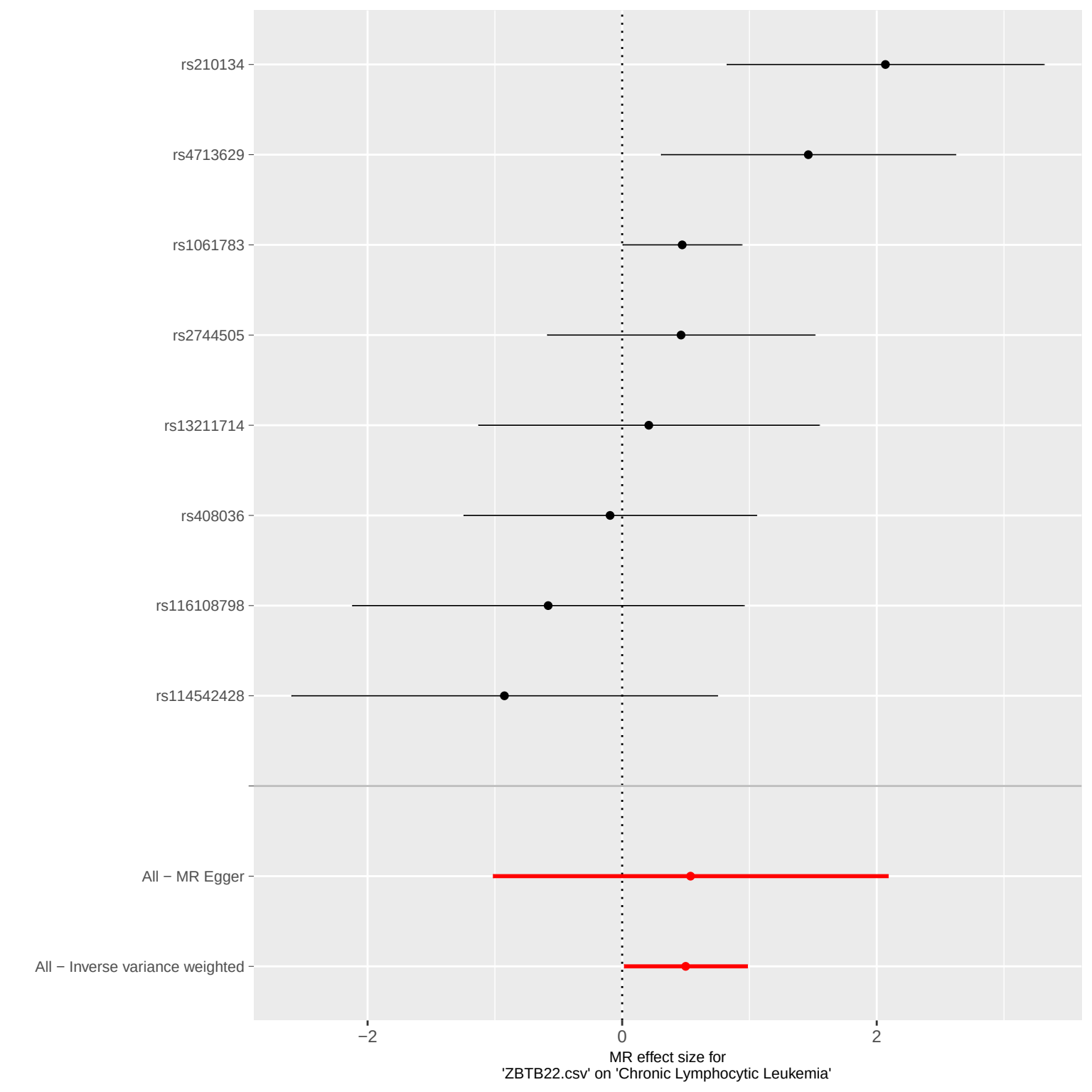
MR effect size for
'ZBED5.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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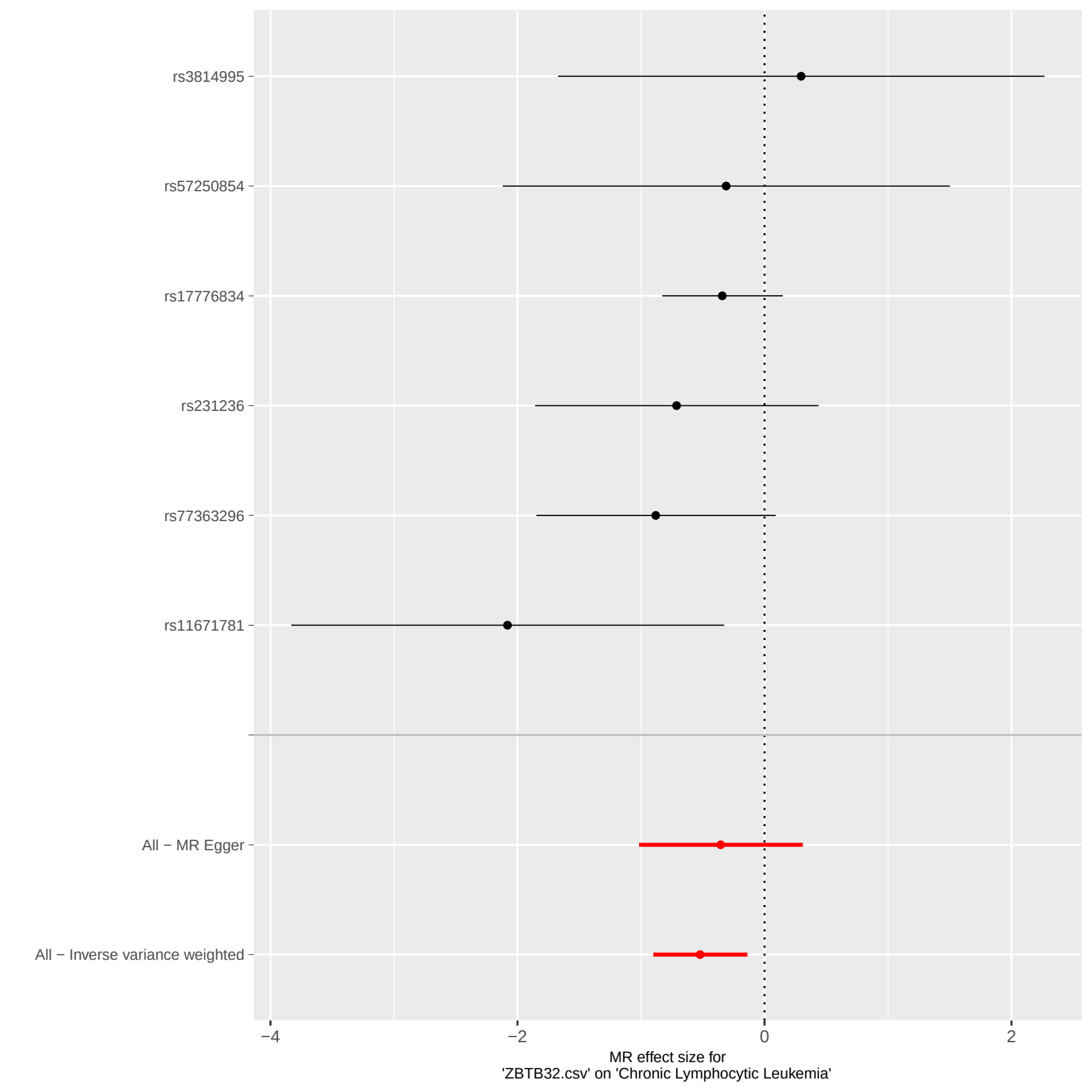
MR effect size for
'ZBTB22.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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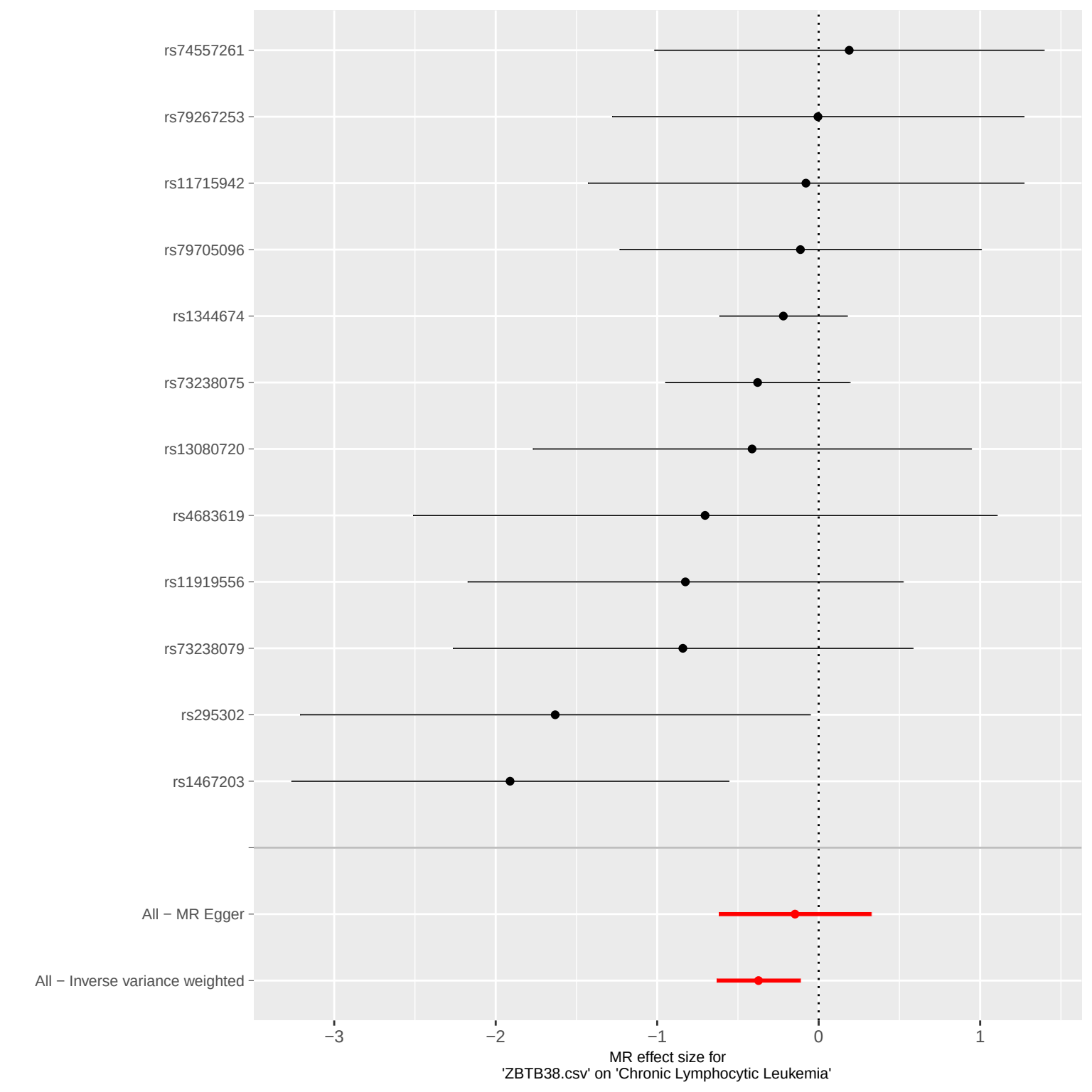
MR effect size for
'ZBTB32.csv' on 'Chronic Lymphocytic Leukemia'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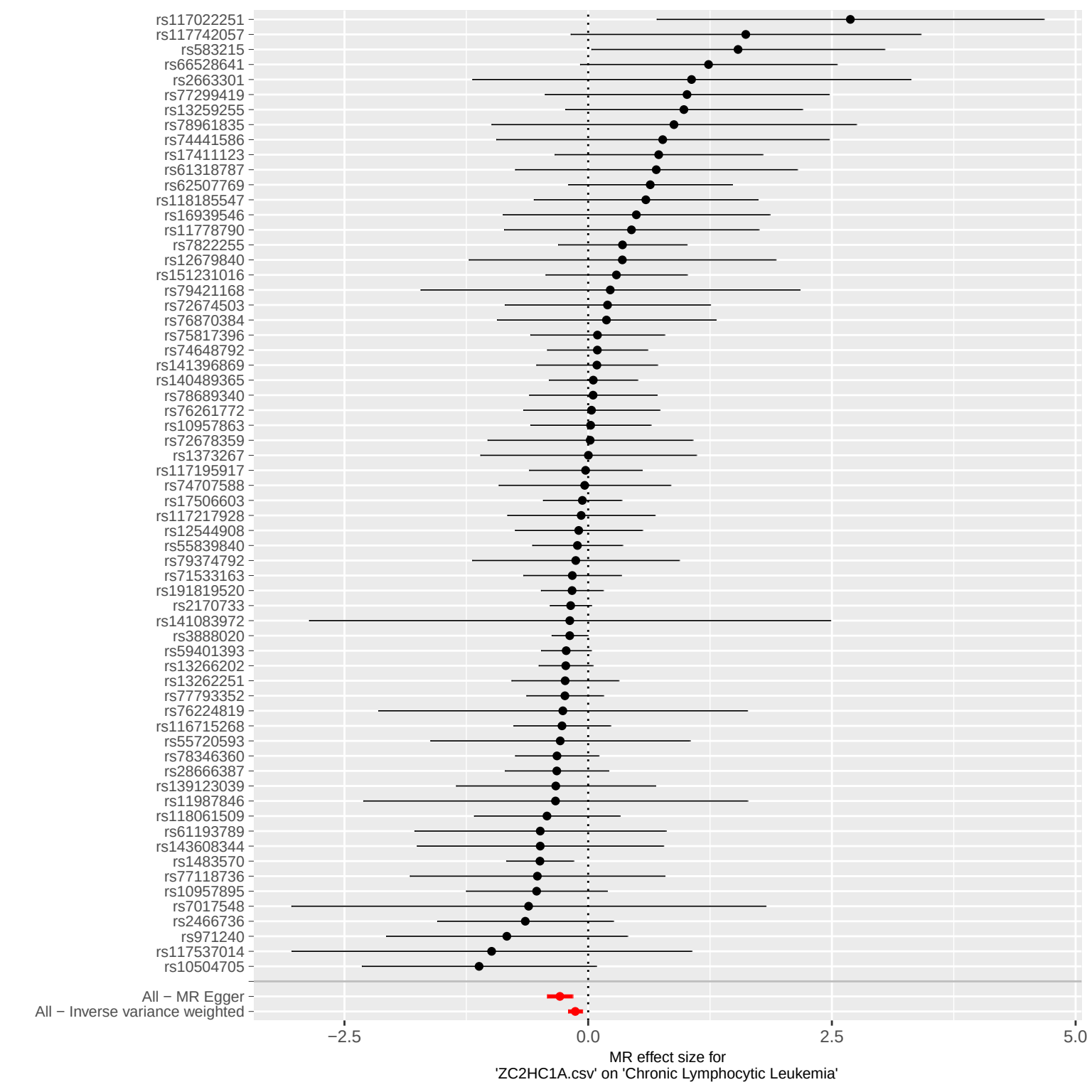
rs295302
rs1467203
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'ZBTB38.csv' on 'Chronic Lymphocytic Leukemia'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rs971240
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rs10504705
All − MR Egger
All − Inverse variance weighted
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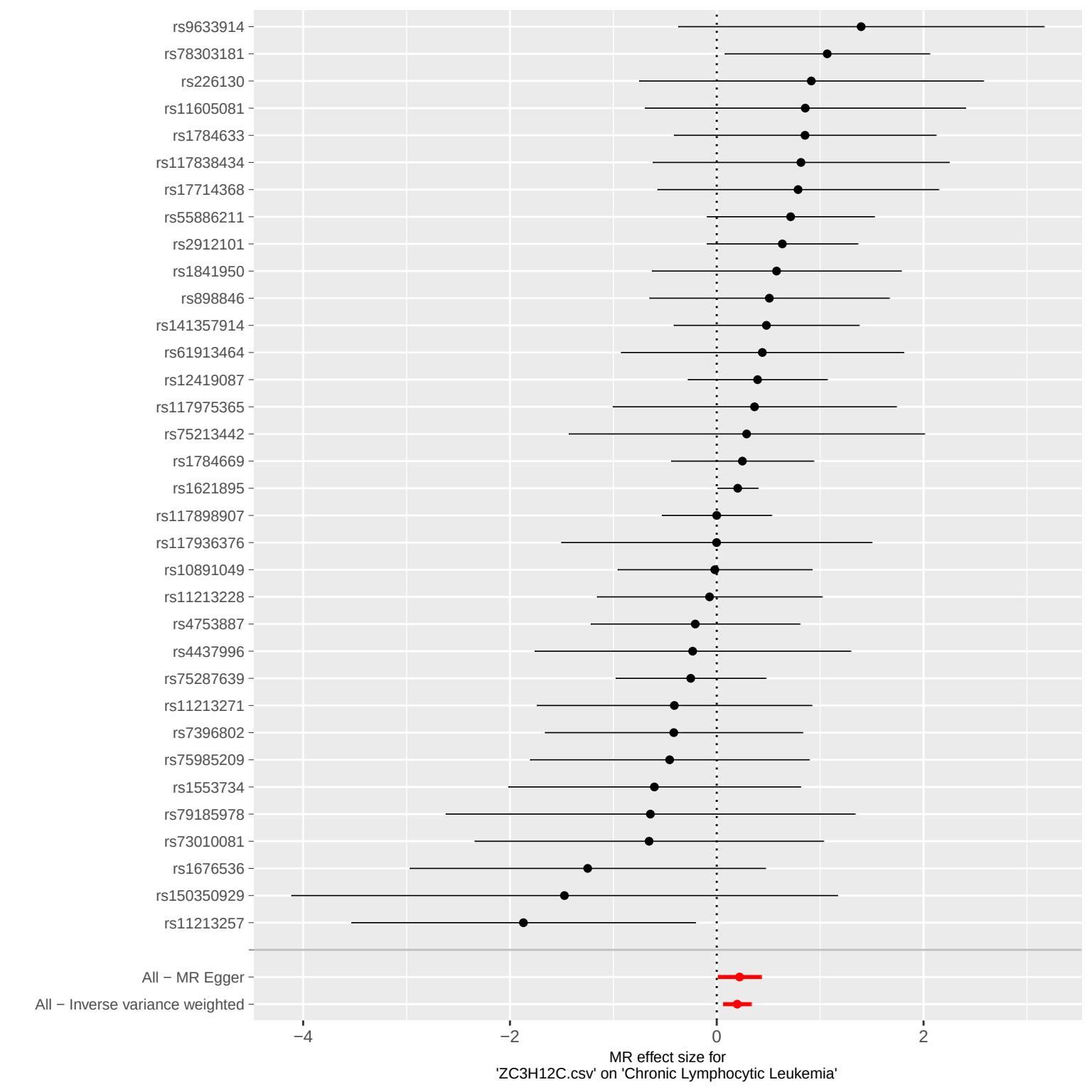
2.5
5.0
MR effect size for
'ZC2HC1A.csv' on 'Chronic Lymphocytic Leukemia'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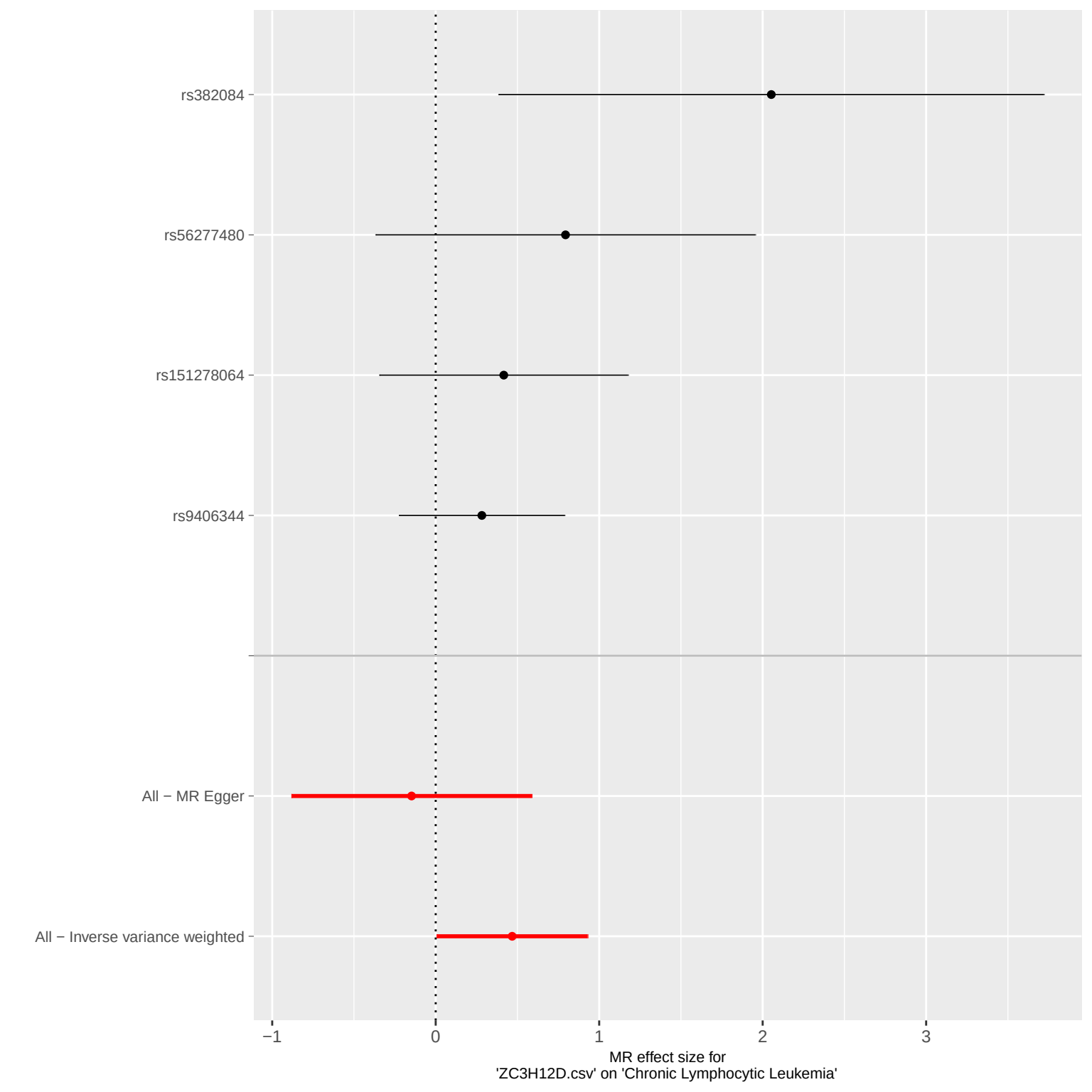
MR effect size for
'ZC3H12C.csv' on 'Chronic Lymphocytic Leukemia'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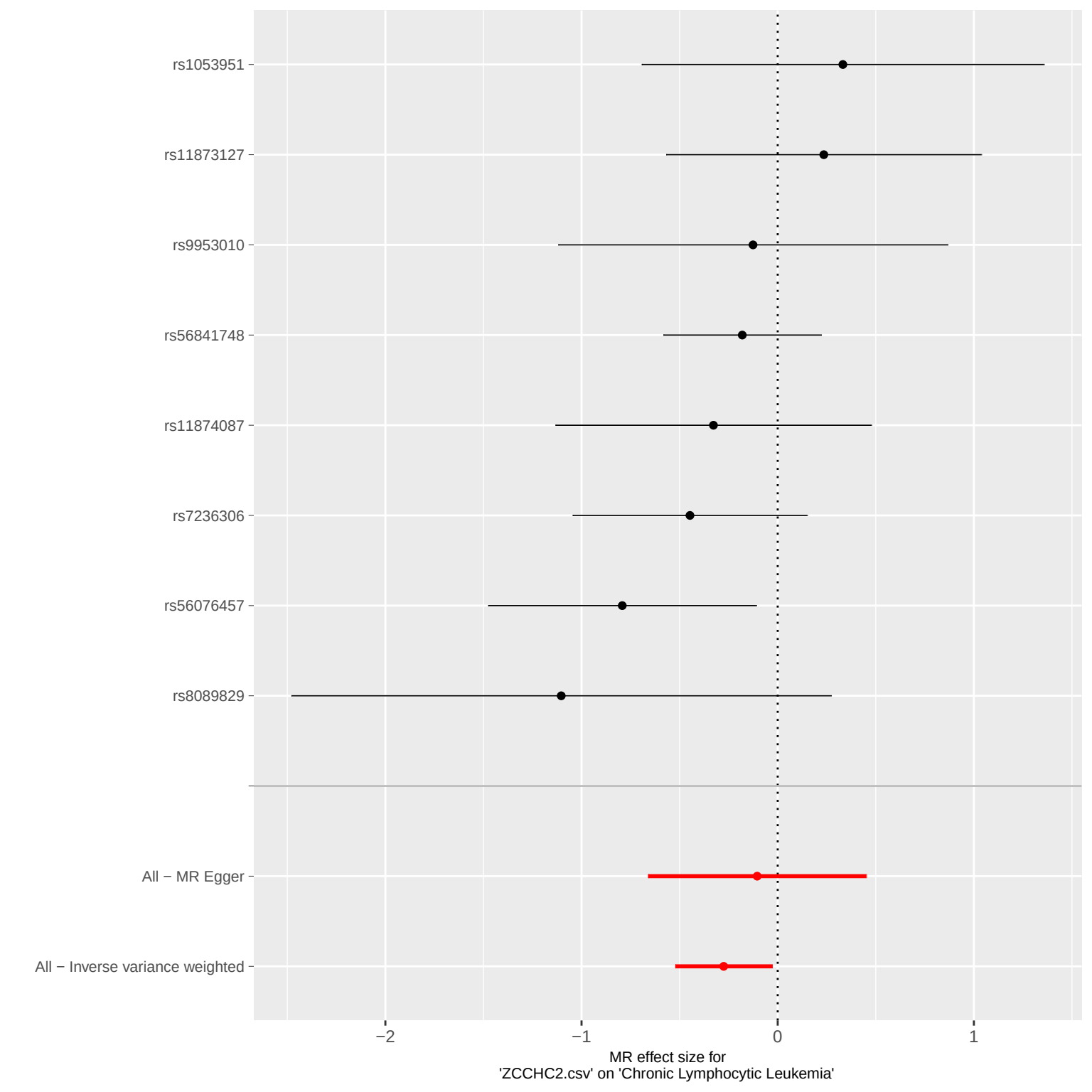
MR effect size for
'ZC3H12D.csv' on 'Chronic Lymphocytic Leukemia'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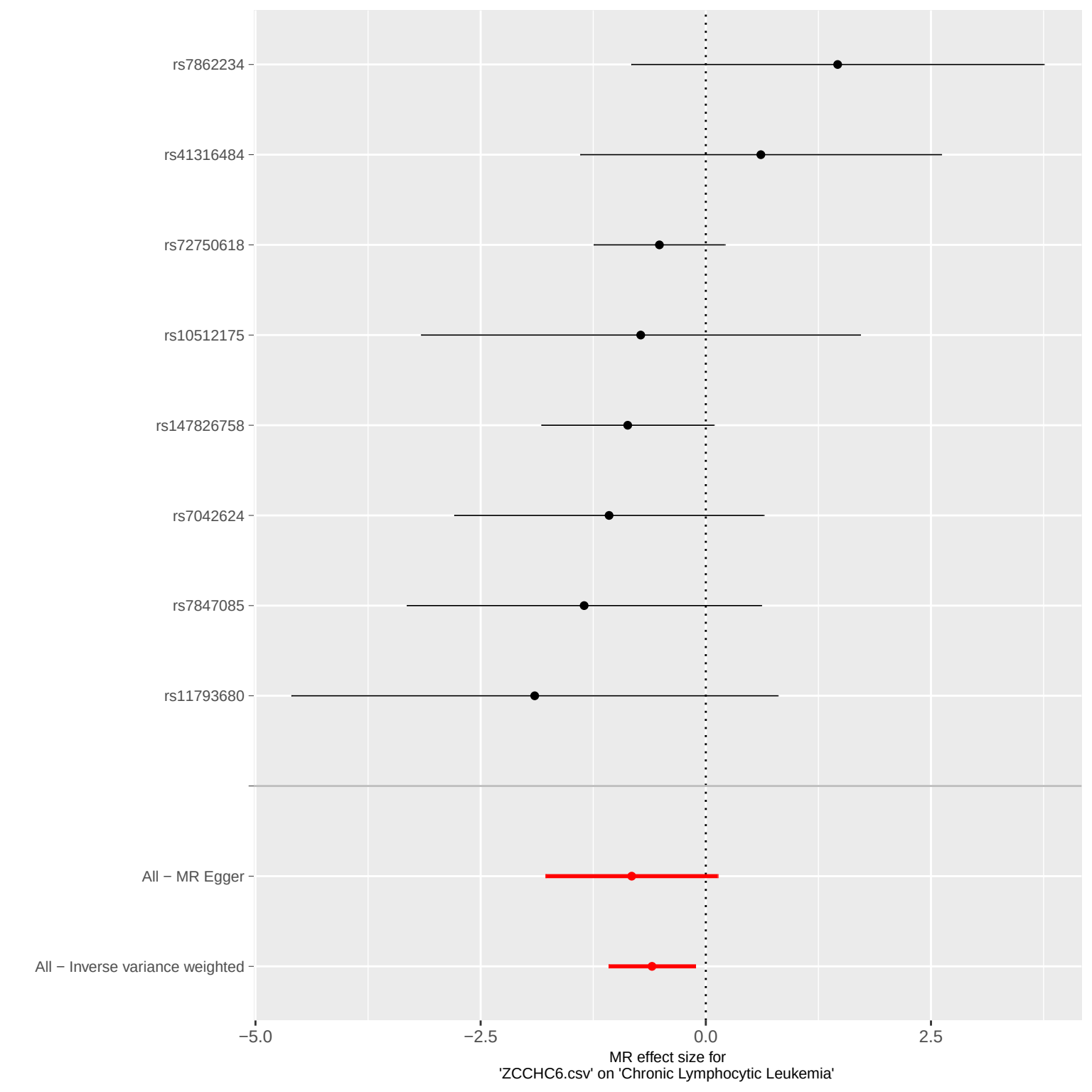
MR effect size for
'ZCCHC2.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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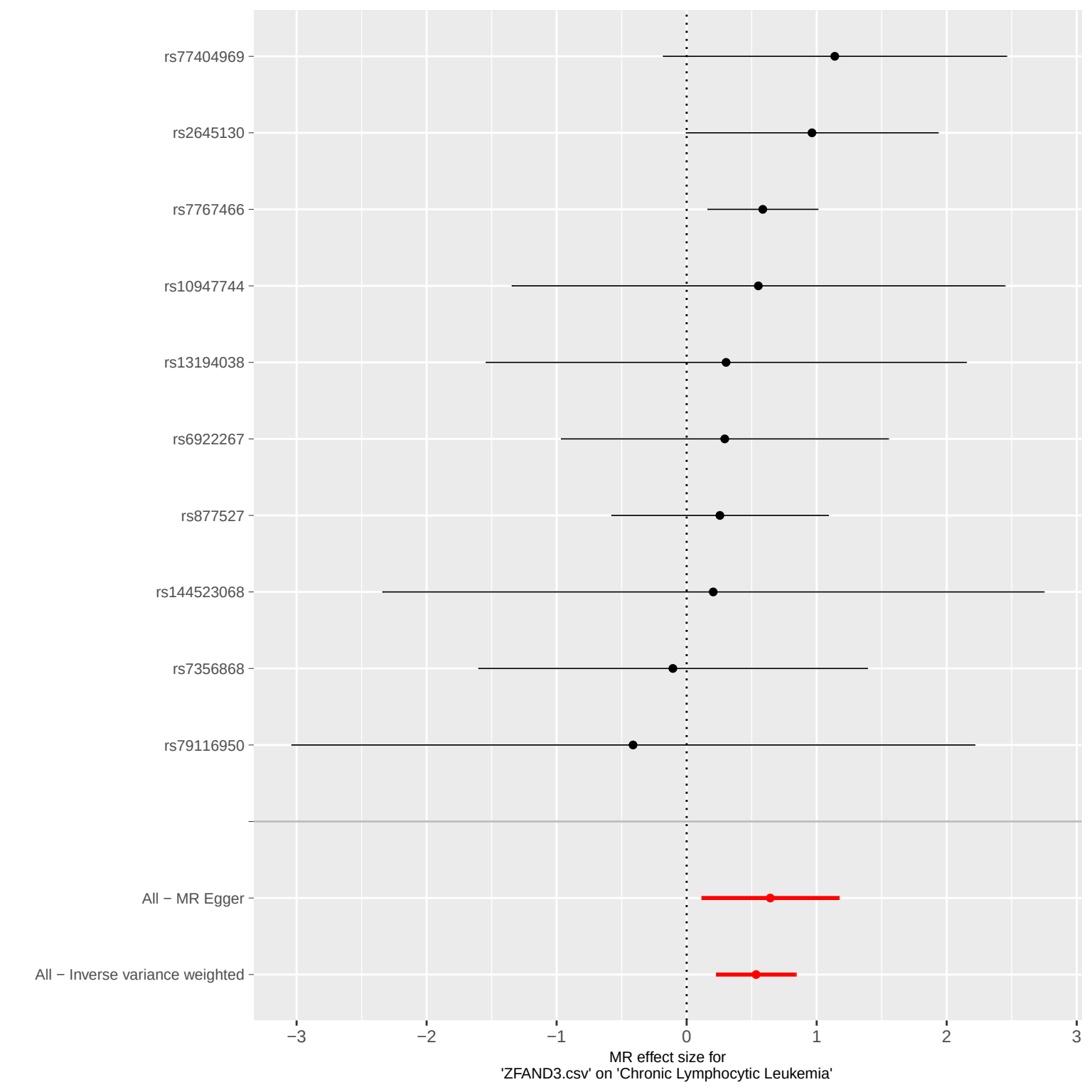
MR effect size for
'ZCCHC6.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
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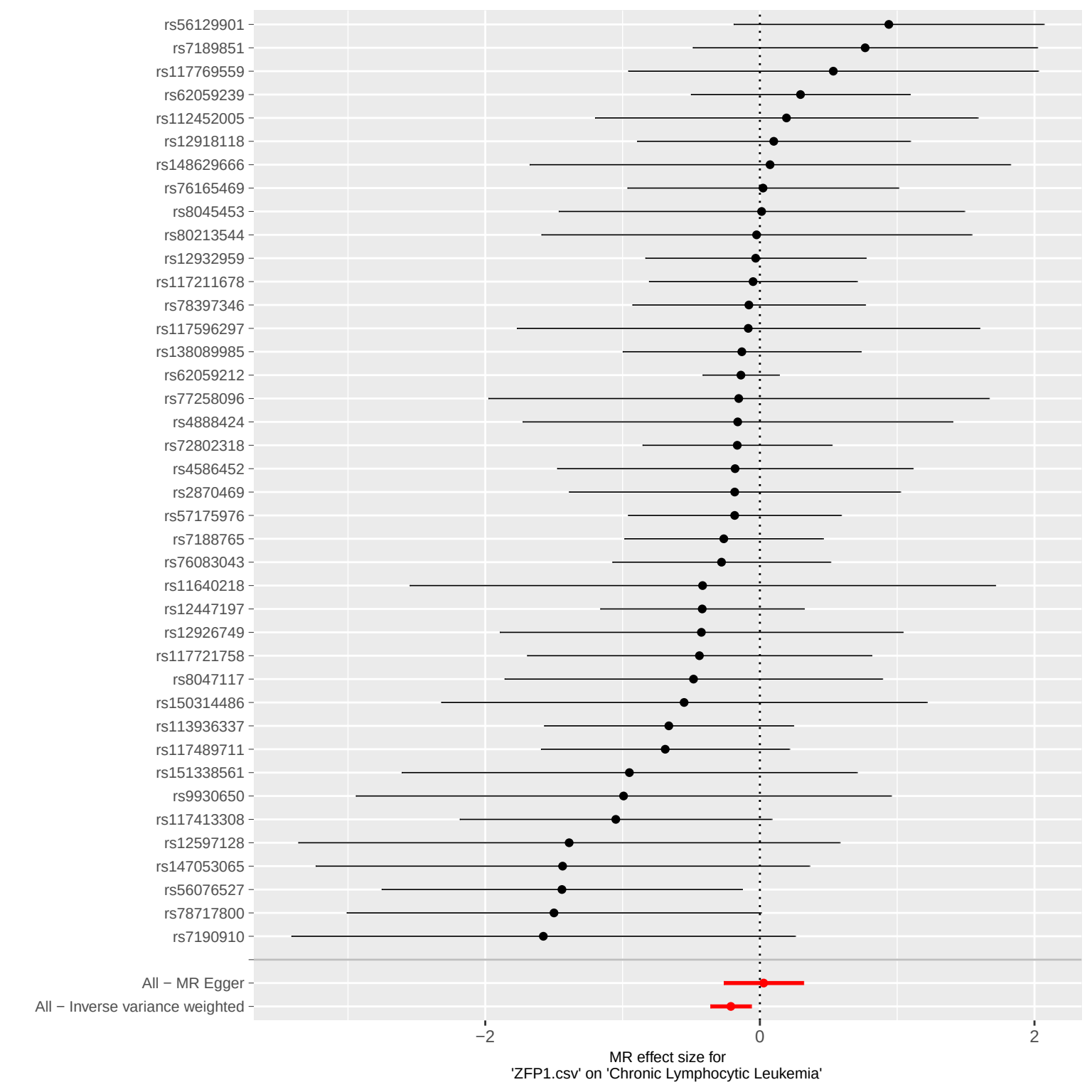
MR effect size for
'ZFAND3.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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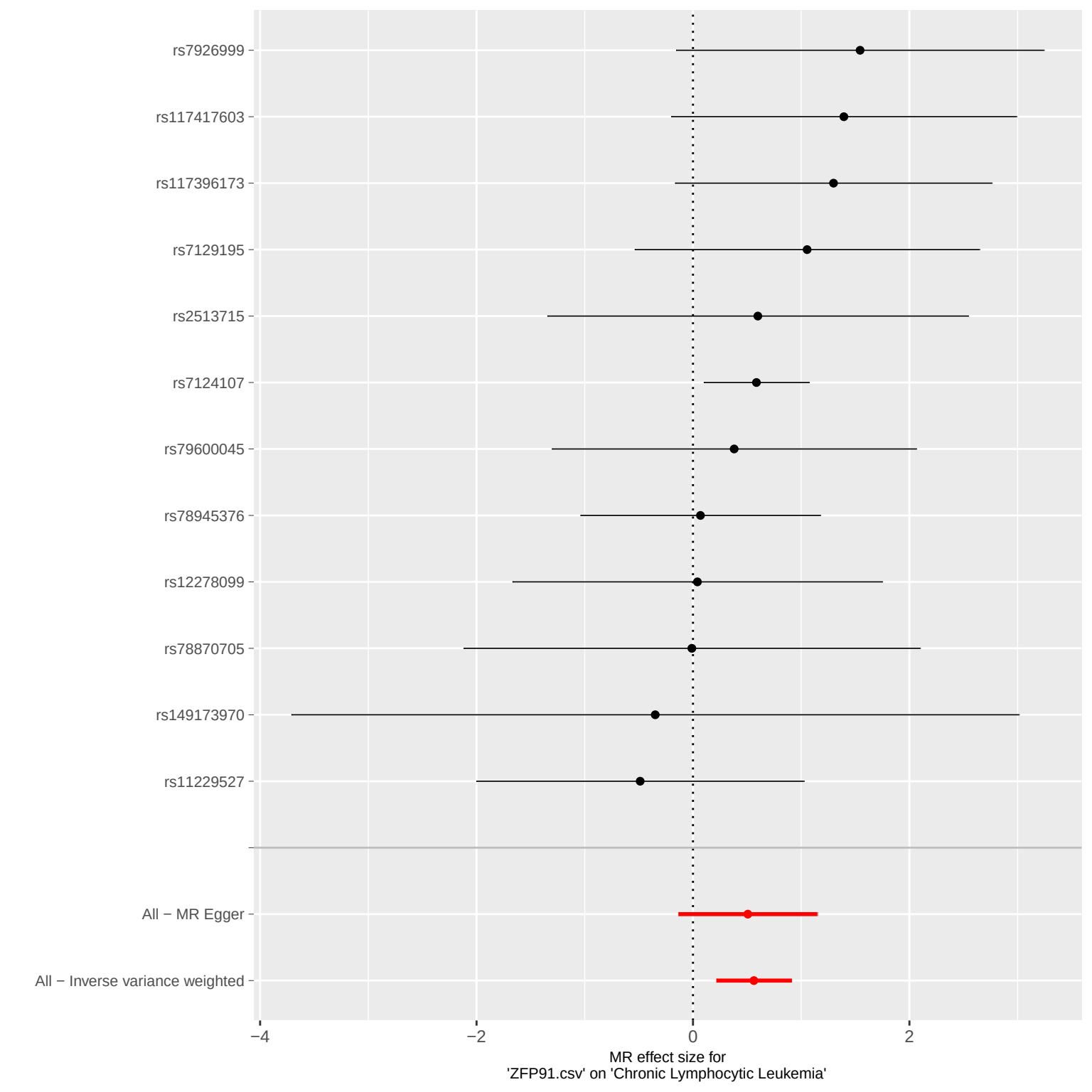
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All − MR Egger
All − Inverse variance weighted
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−2
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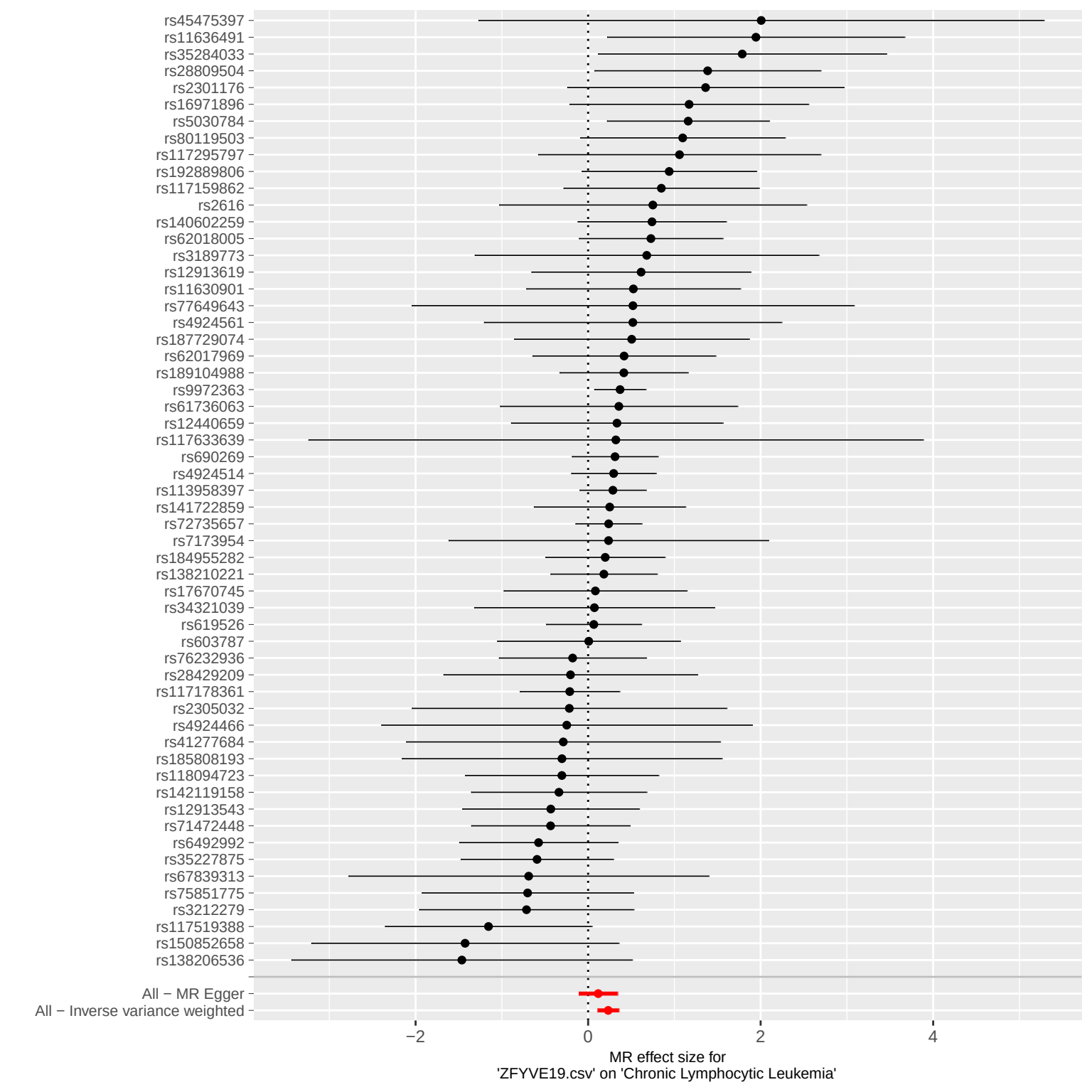
MR effect size for
'ZFP91.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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MR effect size for
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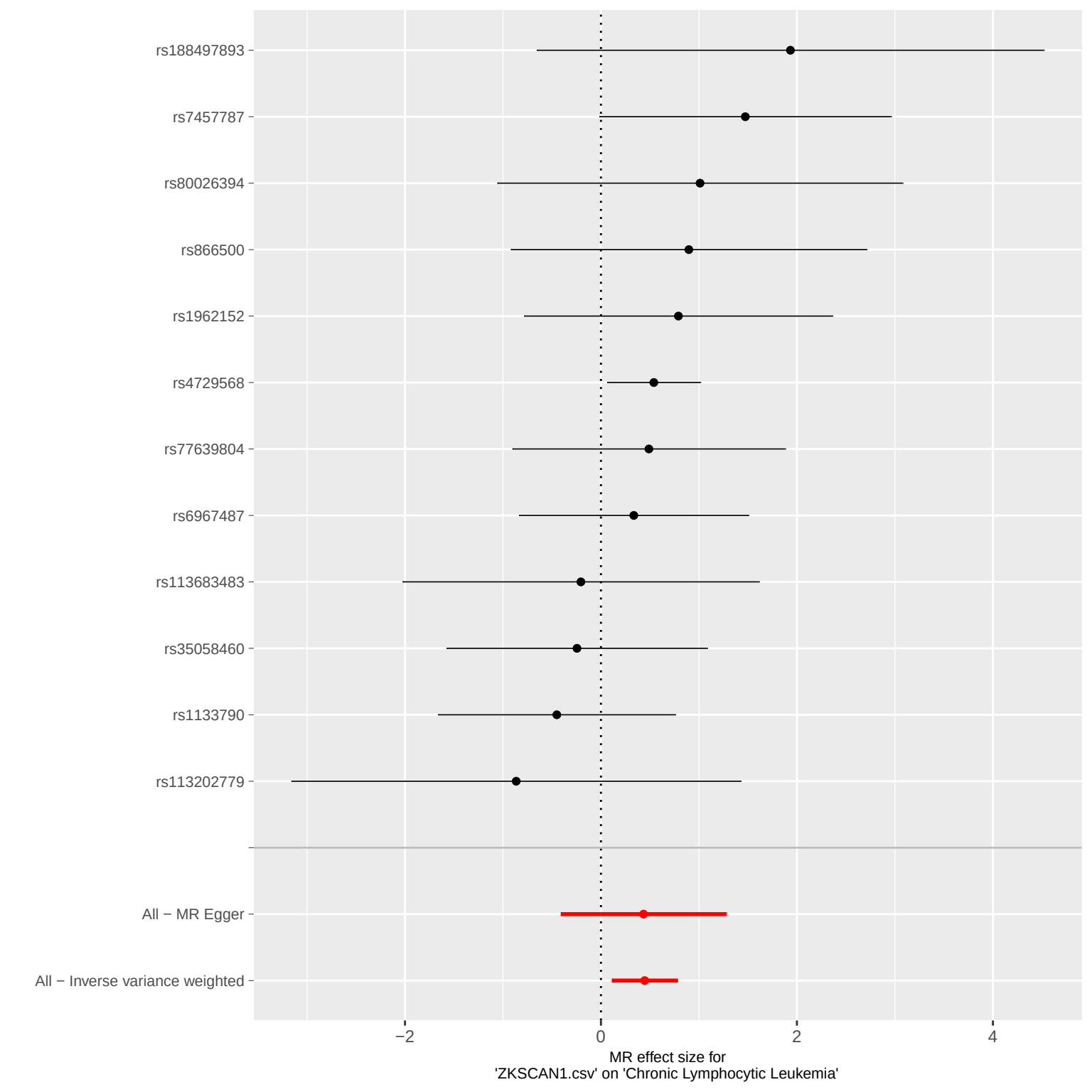
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All − Inverse variance weighted
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MR effect size for
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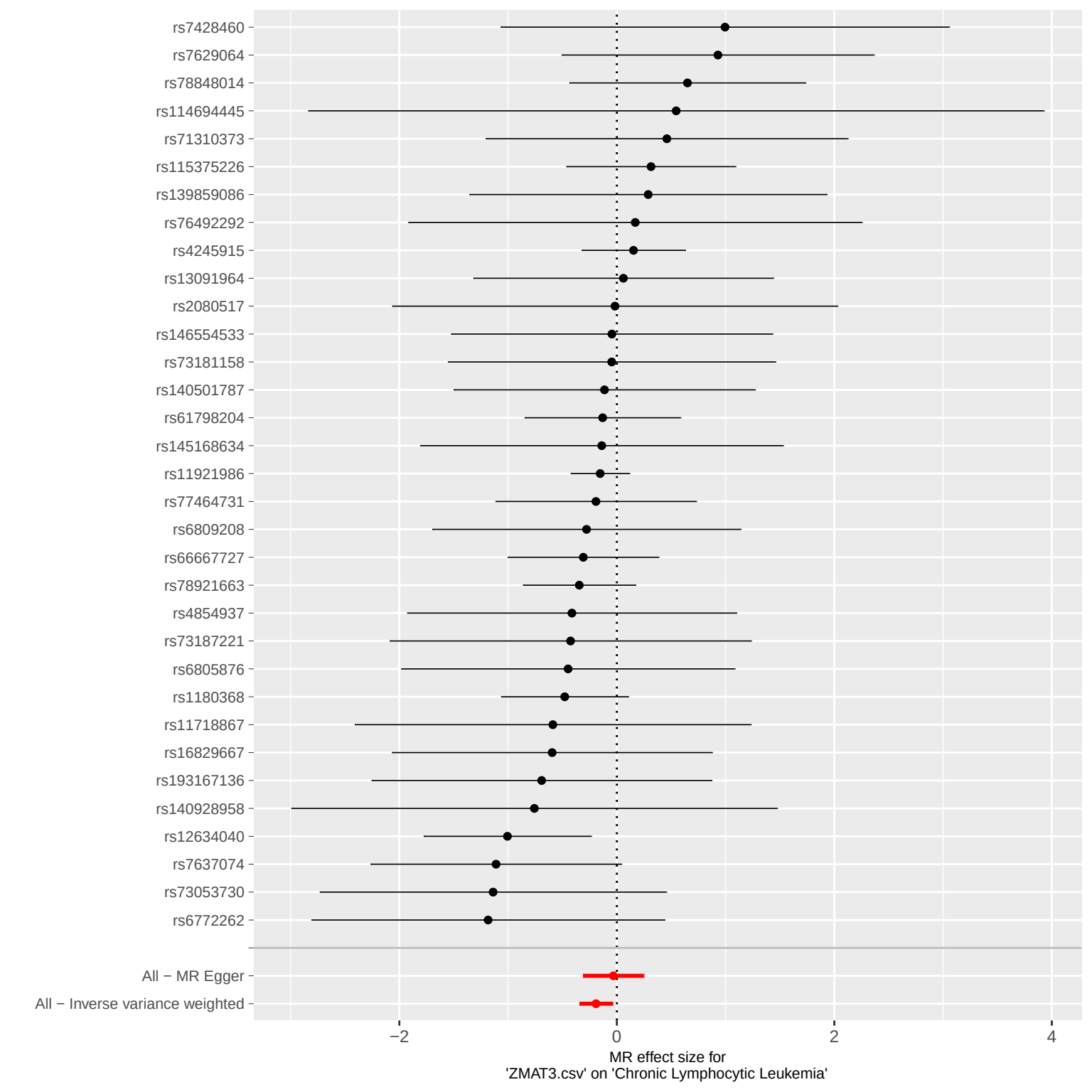
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MR effect size for
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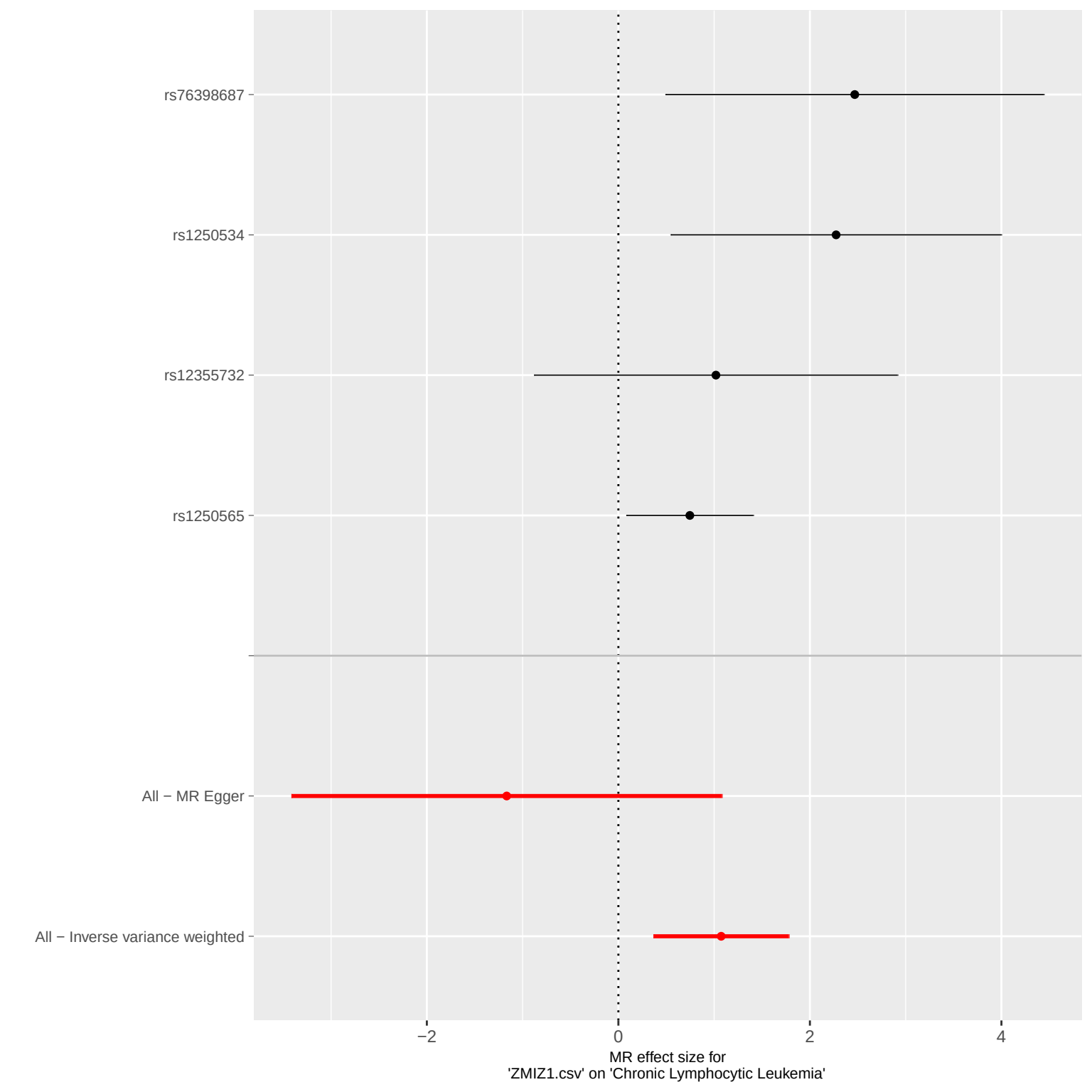
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MR effect size for
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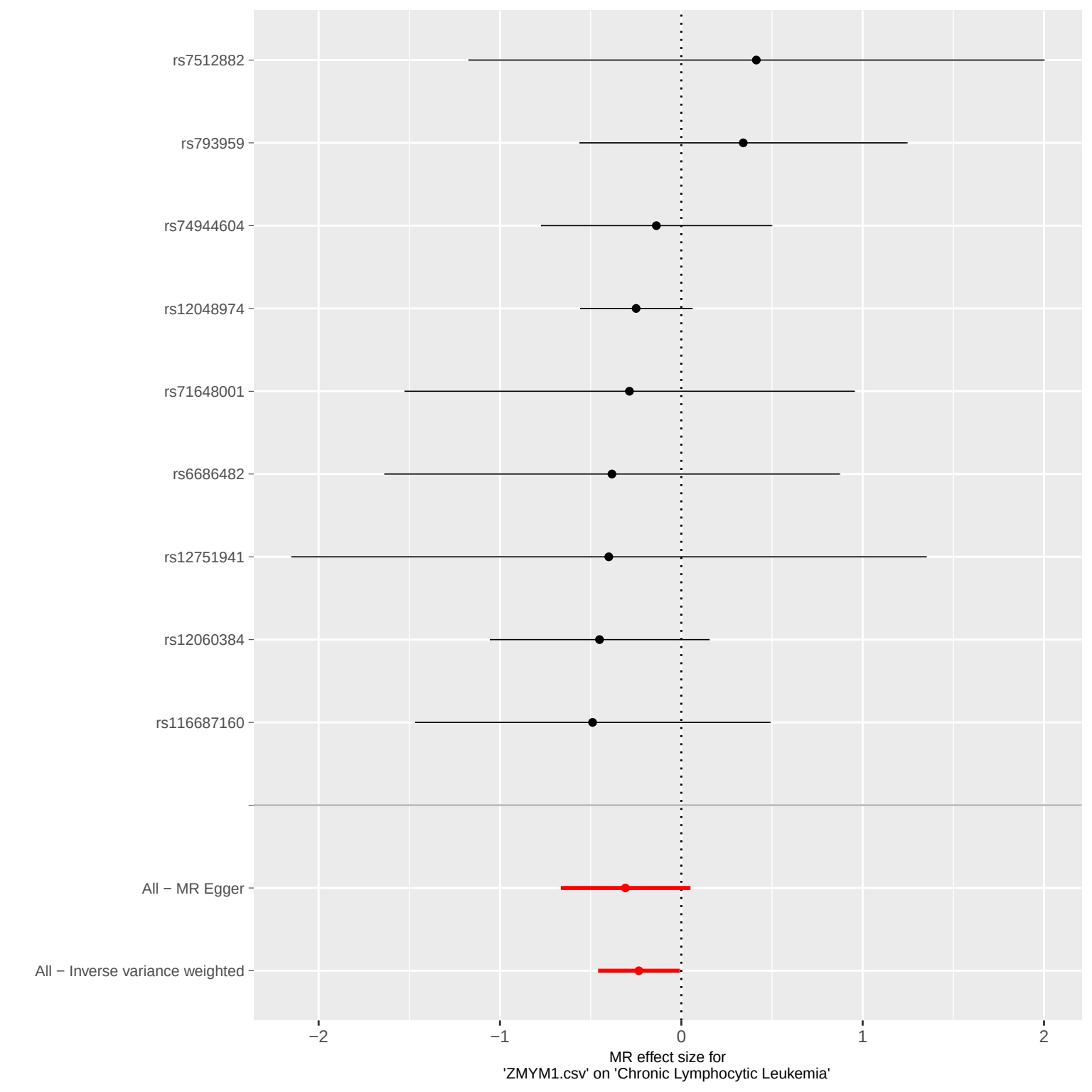
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All − MR Egger
All − Inverse variance weighted
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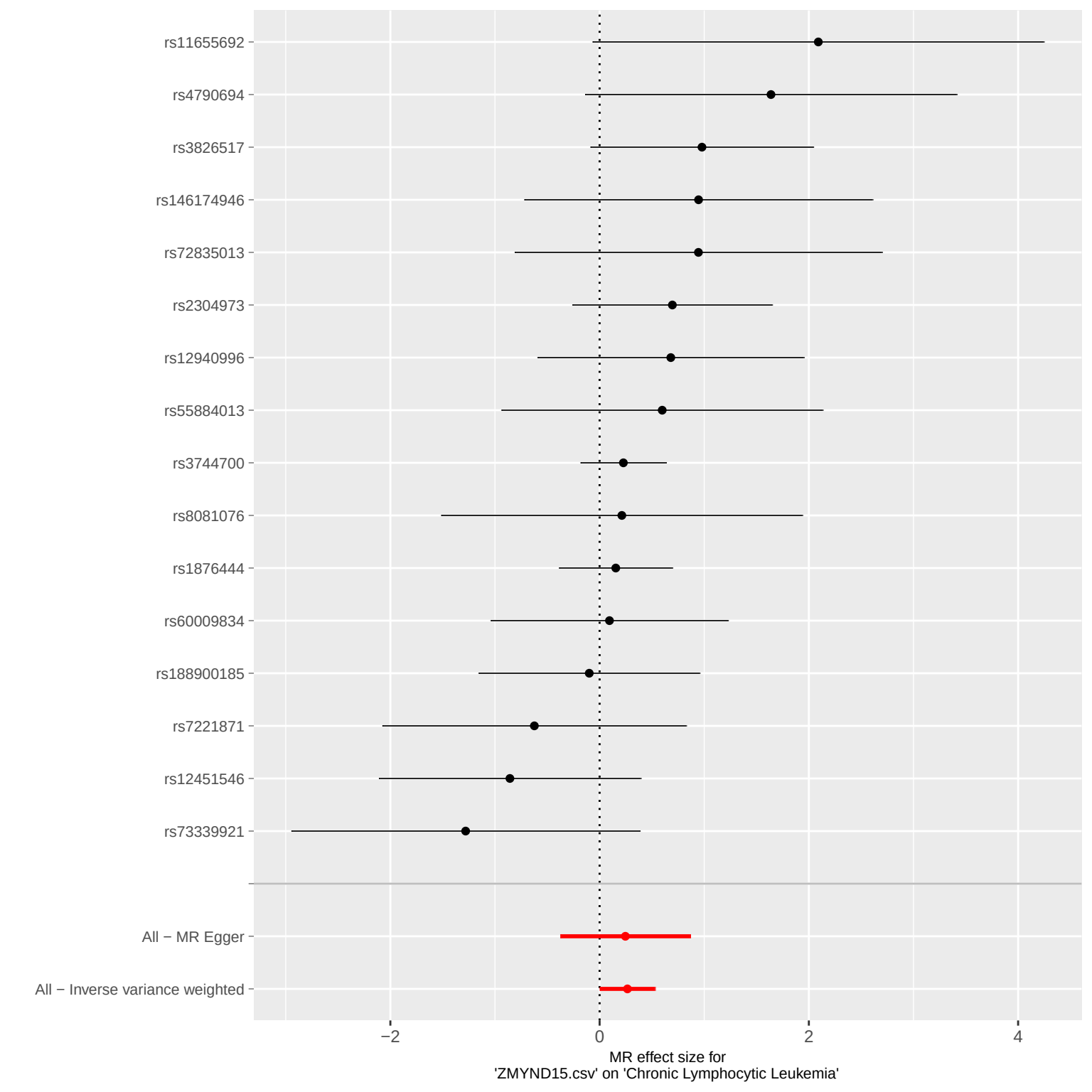
2
MR effect size for
'ZMYM1.csv' on 'Chronic Lymphocytic Leukemia'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rs60009834
rs188900185
rs7221871
rs12451546
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All − MR Egger
All − Inverse variance weighted
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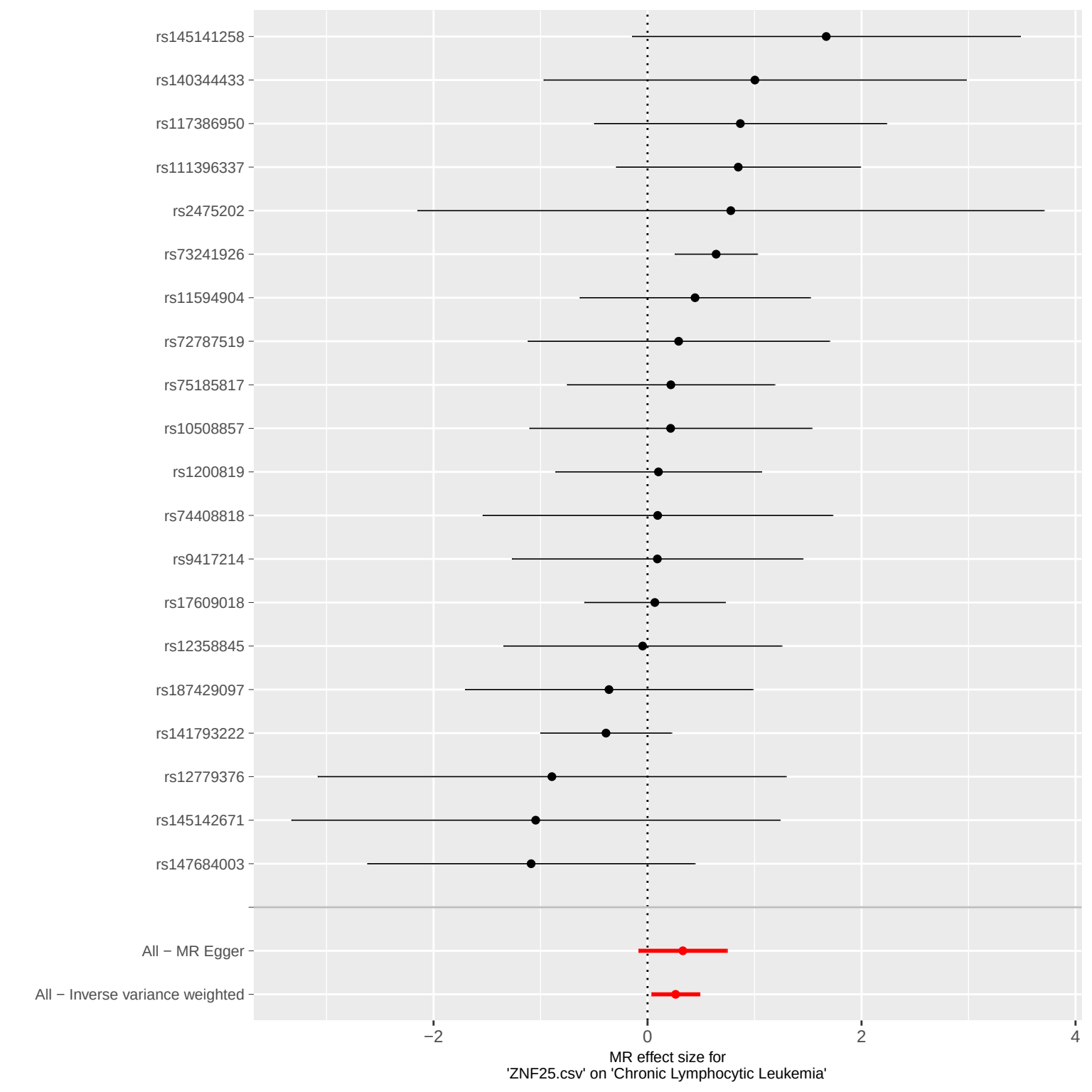
4
MR effect size for
'ZMYND15.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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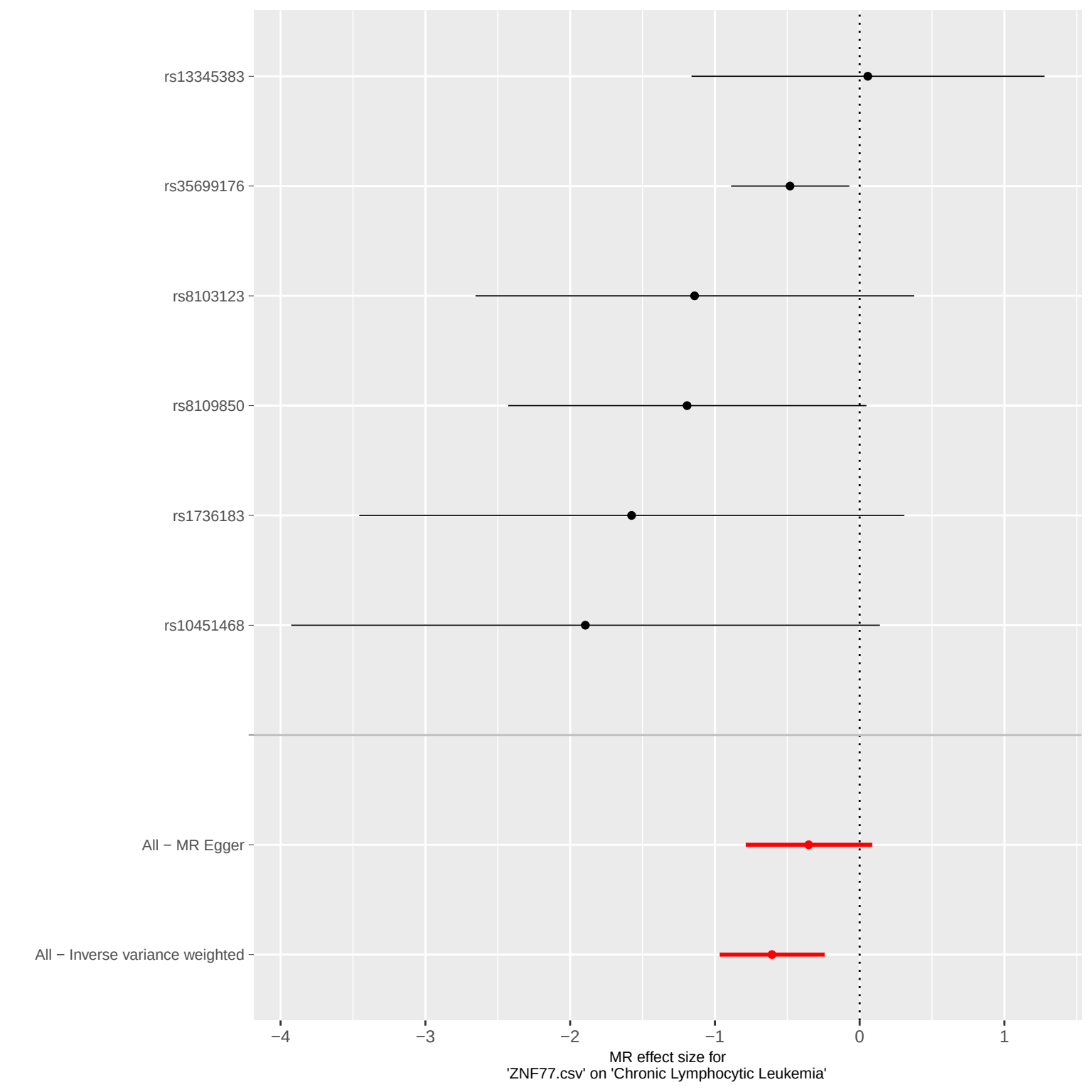
MR effect size for
'ZNF25.csv' on 'Chronic Lymphocytic Leukemia'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All − Inverse variance weighted
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−3
−2
−1
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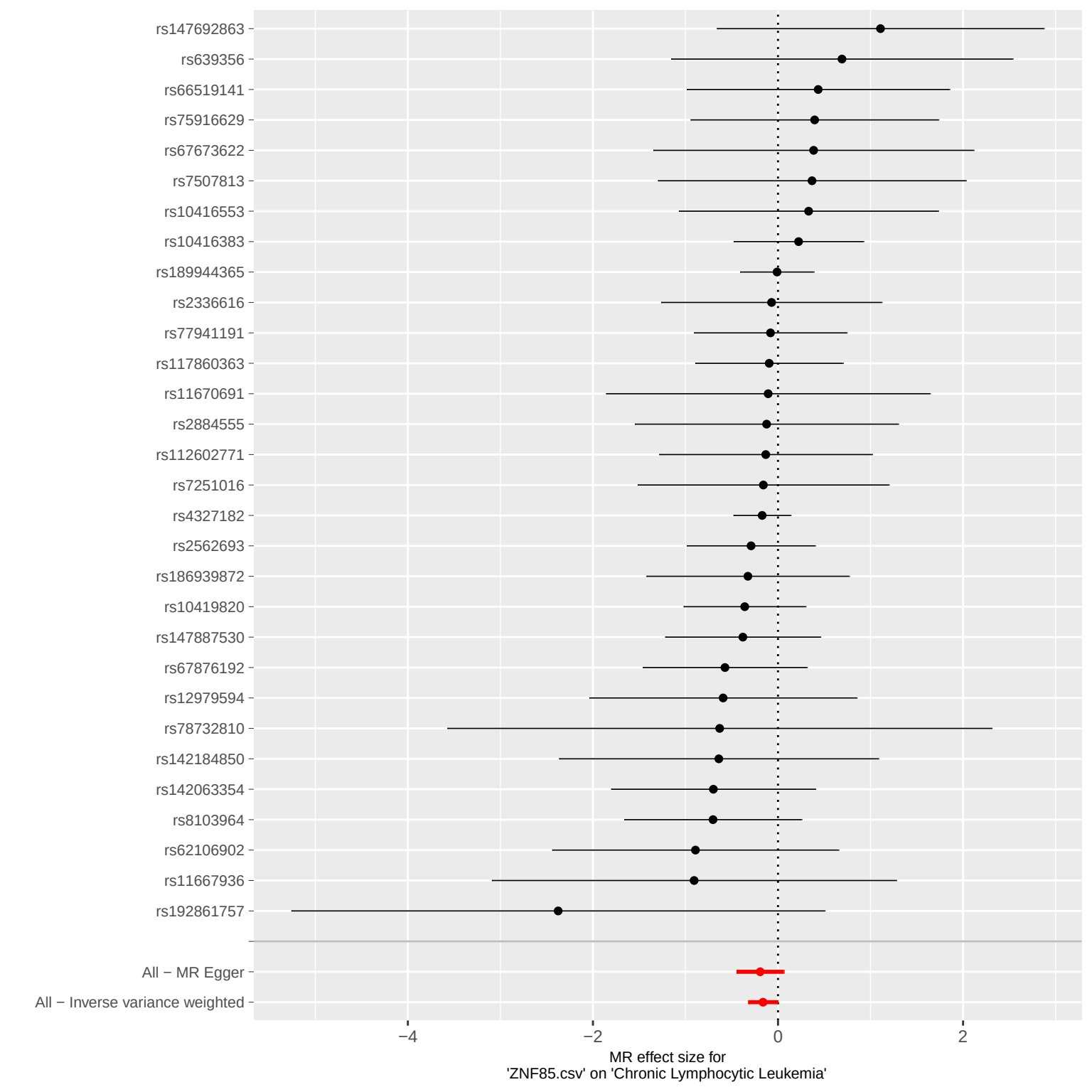
1
MR effect size for
'ZNF77.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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−2
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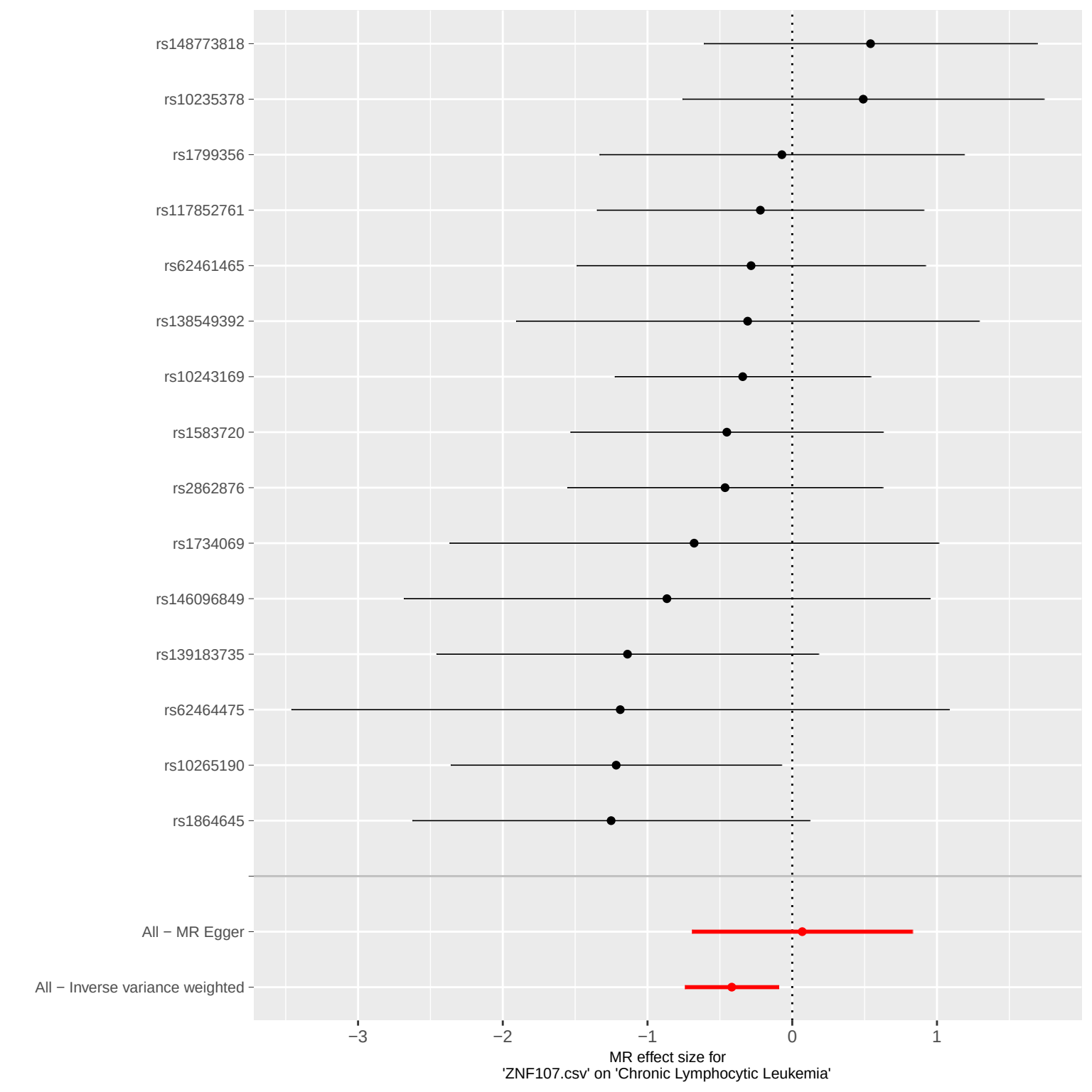
MR effect size for
'ZNF85.csv' on 'Chronic Lymphocytic Leukemia'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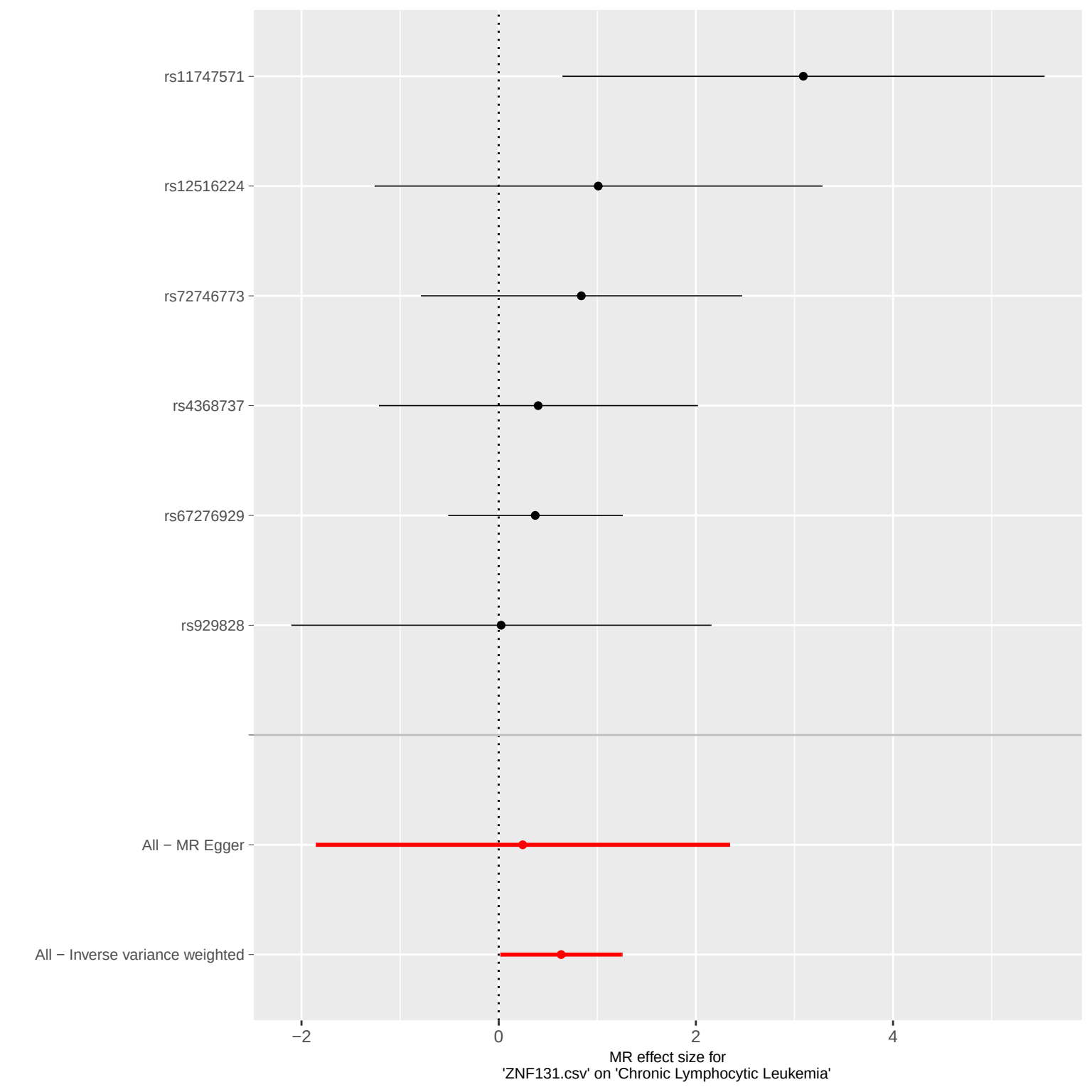
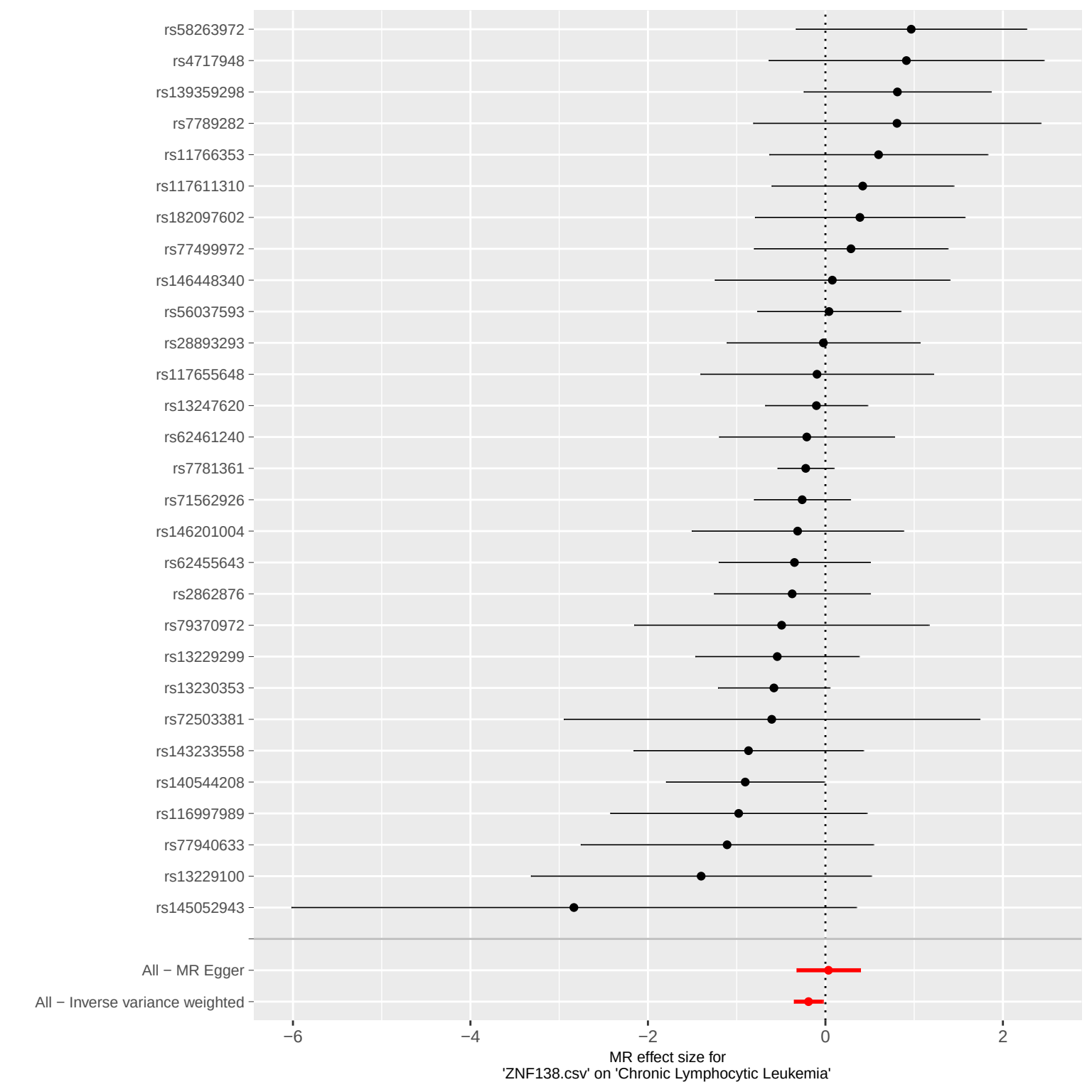
rs1734069
rs146096849
rs139183735
rs62464475
rs10265190
rs1864645
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'ZNF107.csv' on 'Chronic Lymphocytic Leukemia'


rs11747571
rs12516224
rs72746773
rs4368737
rs67276929
rs929828
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZNF131.csv' on 'Chronic Lymphocytic Leukemia'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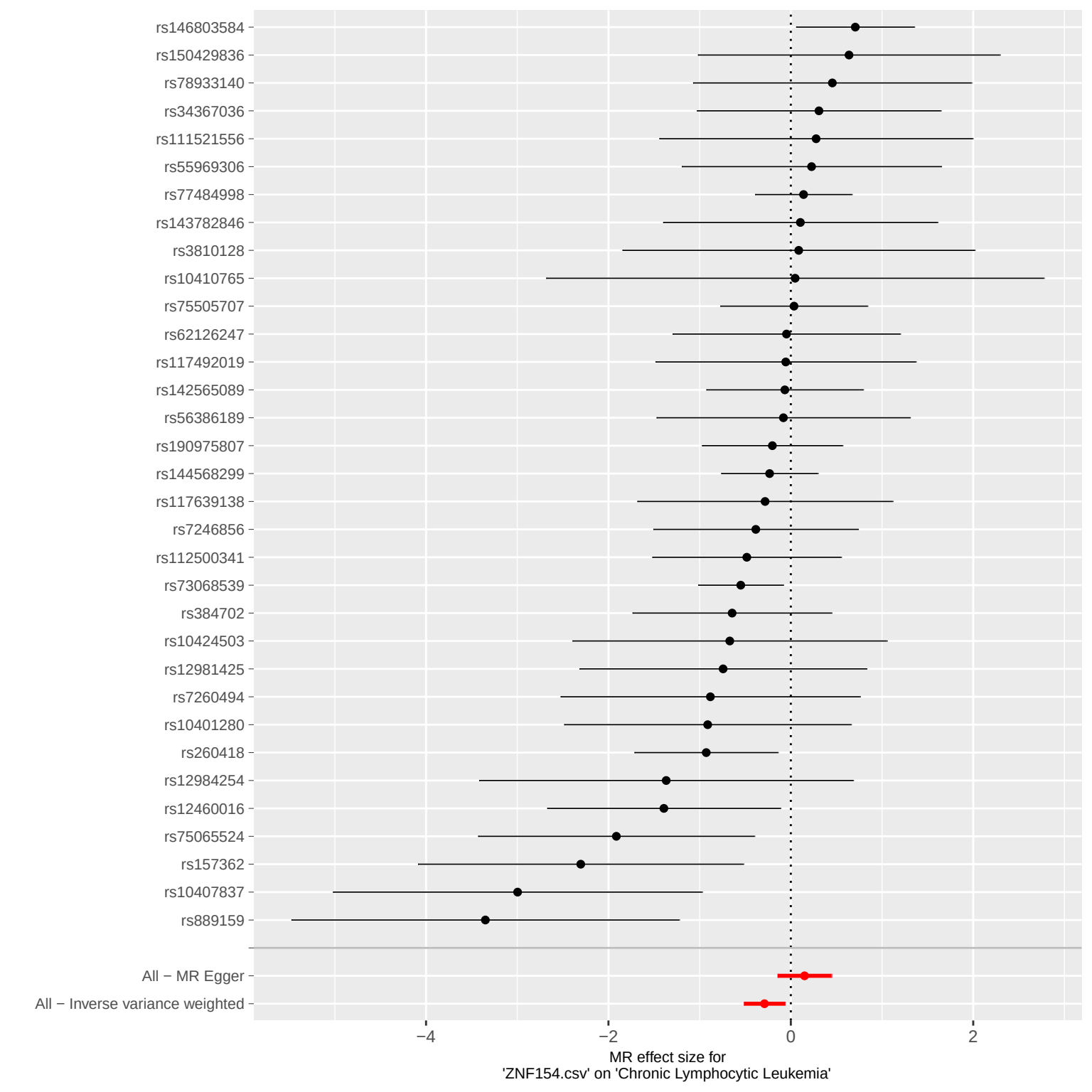
rs28893293
rs117655648
rs13247620
rs62461240
rs7781361
rs71562926
rs146201004
rs62455643
rs2862876
rs79370972
rs13229299
rs13230353
rs72503381
rs143233558
rs140544208
rs116997989
rs77940633
rs13229100
rs145052943
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ZNF138.csv' on 'Chronic Lymphocytic Leukemia'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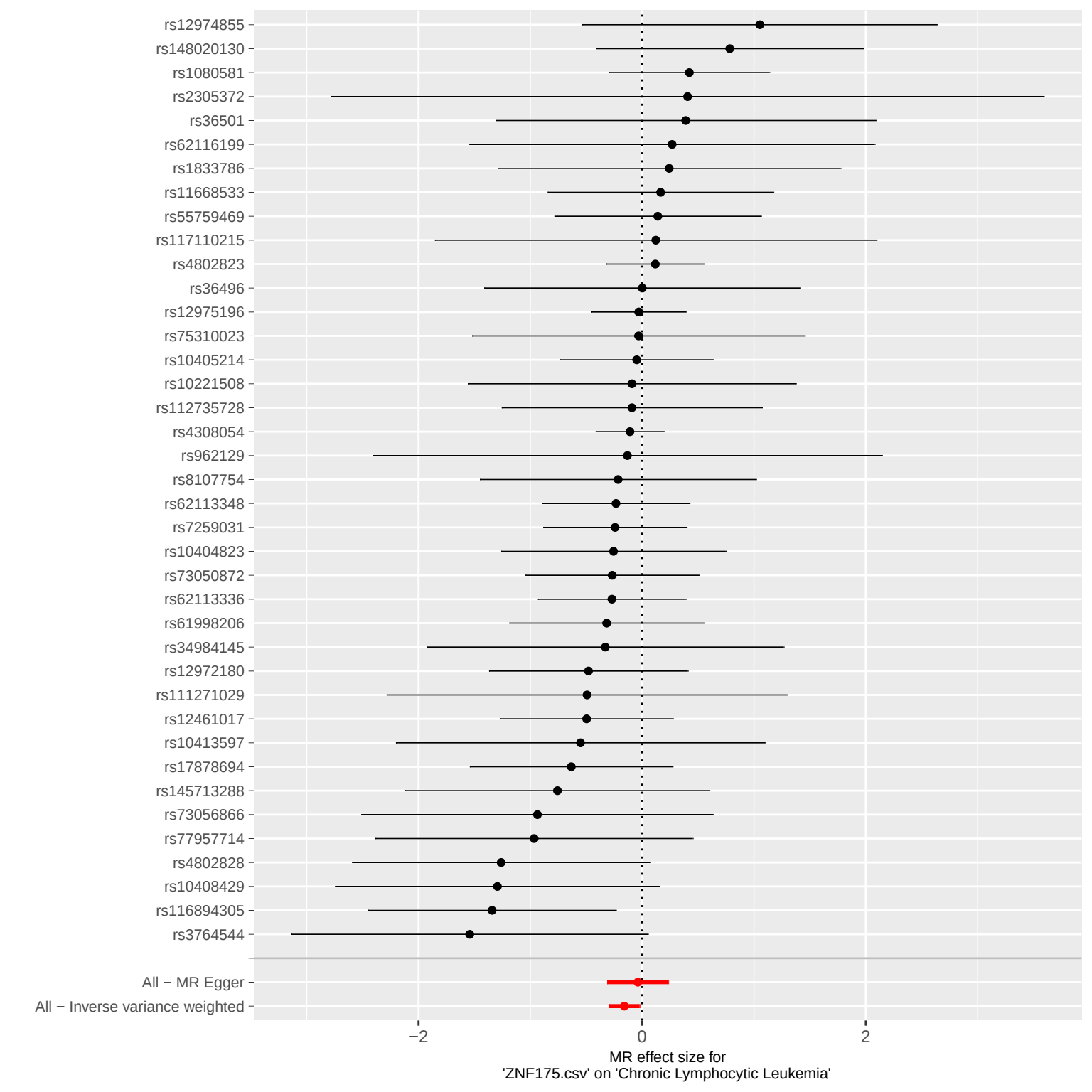
rs75505707
rs62126247
rs117492019
rs142565089
rs56386189
rs190975807
rs144568299
rs117639138
rs7246856
rs112500341
rs73068539
rs384702
rs10424503
rs12981425
rs7260494
rs10401280
rs260418
rs12984254
rs12460016
rs75065524
rs157362
rs10407837
rs889159
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF154.csv' on 'Chronic Lymphocytic Leukemia'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rs1080581
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rs36501
rs62116199
rs1833786
rs11668533
rs55759469
rs117110215
rs4802823
rs36496
rs12975196
rs75310023
rs10405214
rs10221508
rs112735728
rs4308054
rs962129
rs8107754
rs62113348
rs7259031
rs10404823
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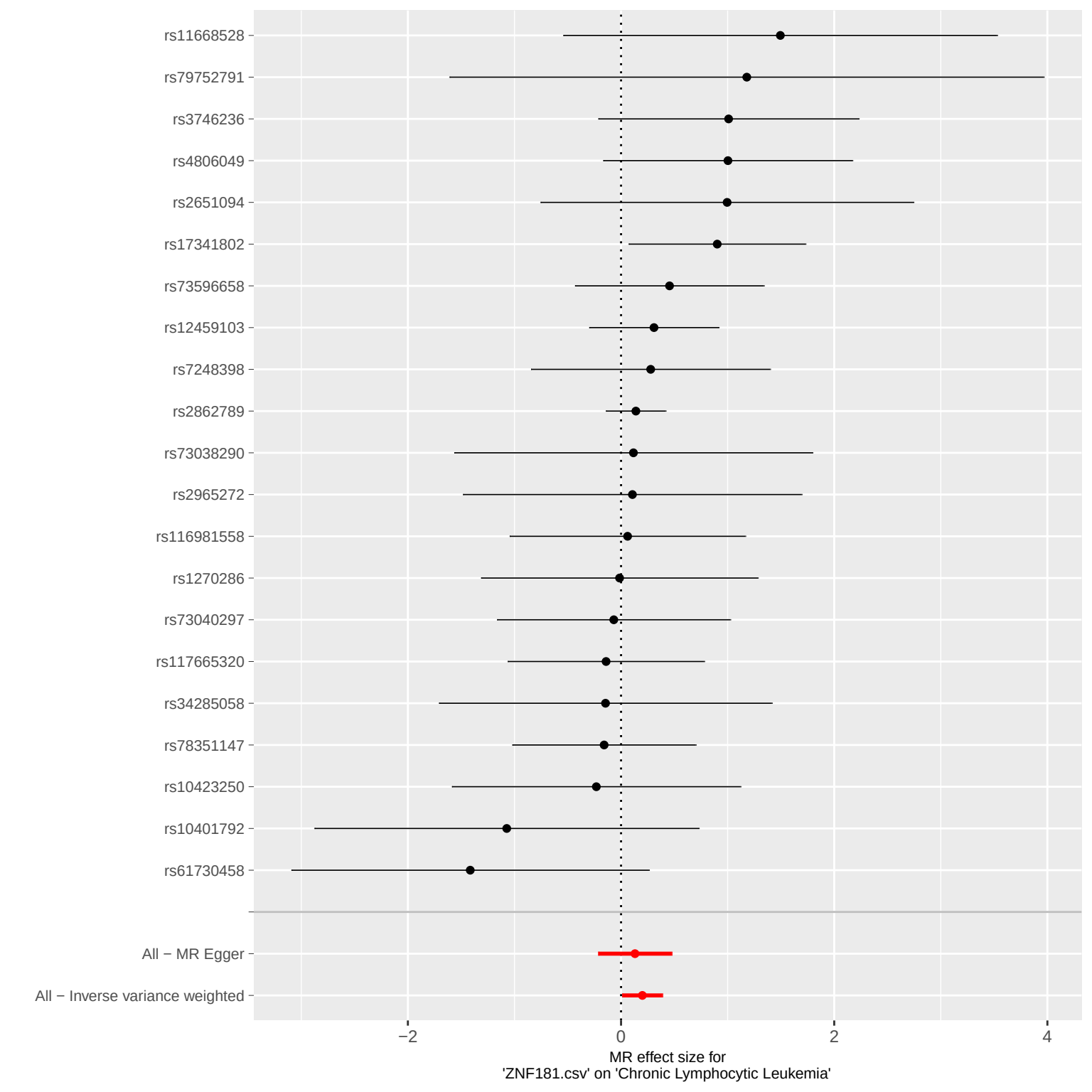
rs62113336
rs61998206
rs34984145
rs12972180
rs111271029
rs12461017
rs10413597
rs17878694
rs145713288
rs73056866
rs77957714
rs4802828
rs10408429
rs116894305
rs3764544
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF175.csv' on 'Chronic Lymphocytic Leukemia'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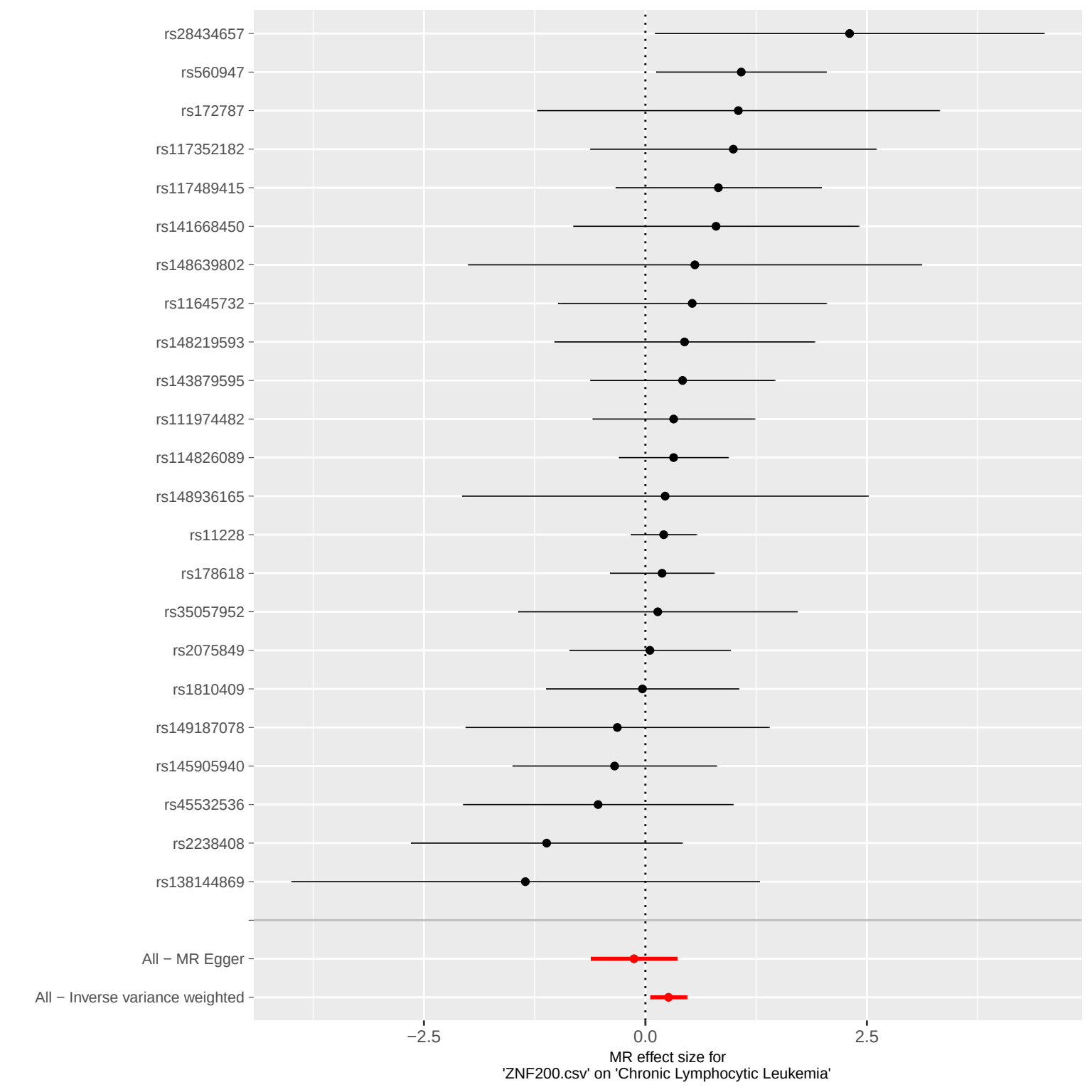
rs2965272
rs116981558
rs1270286
rs73040297
rs117665320
rs34285058
rs78351147
rs10423250
rs10401792
rs61730458
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZNF181.csv' on 'Chronic Lymphocytic Leukemia'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rs148219593
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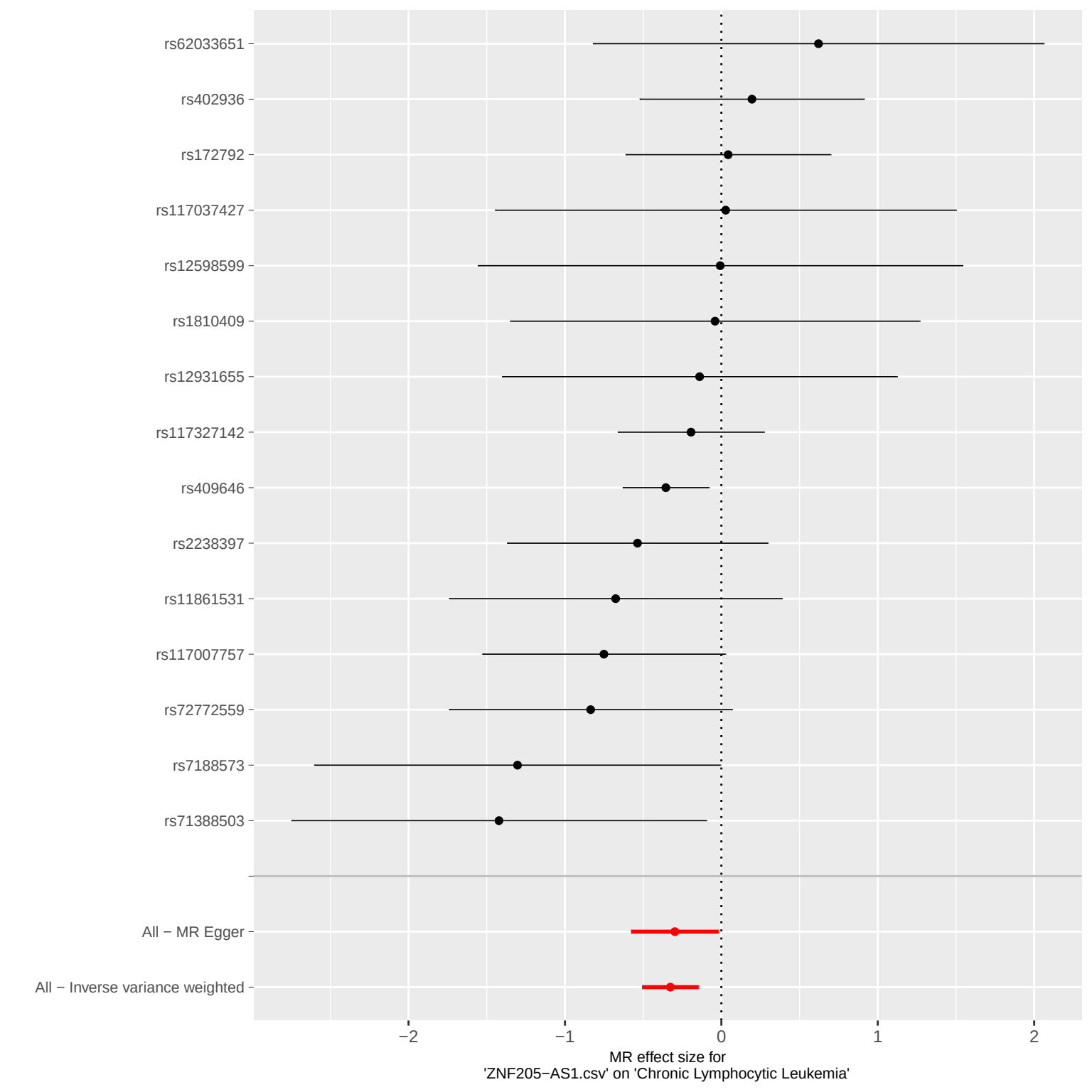
rs111974482
rs114826089
rs148936165
rs11228
rs178618
rs35057952
rs2075849
rs1810409
rs149187078
rs145905940
rs45532536
rs2238408
rs138144869
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'ZNF200.csv' on 'Chronic Lymphocytic Leukemia'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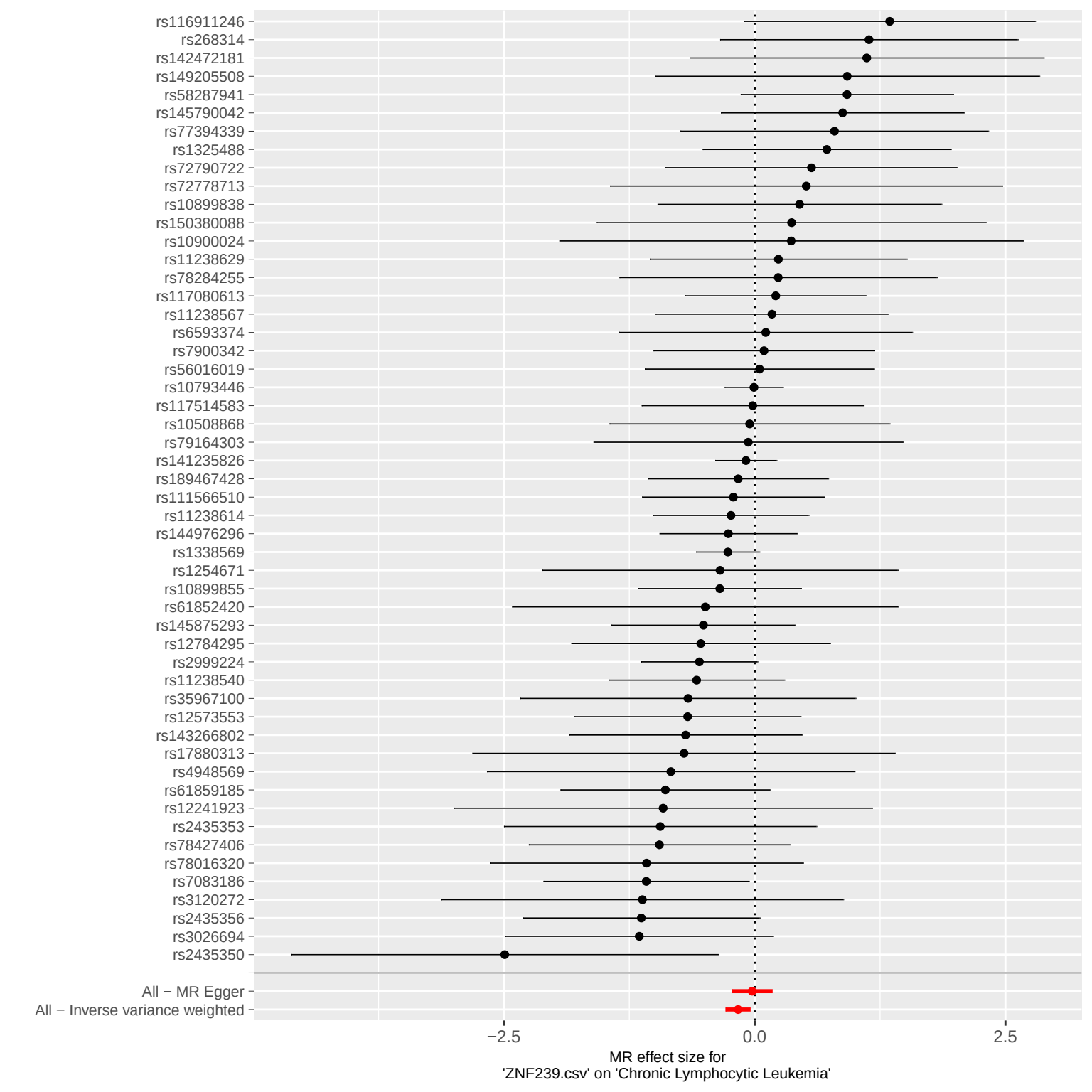
rs1810409
rs12931655
rs117327142
rs409646
rs2238397
rs11861531
rs117007757
rs72772559
rs7188573
rs71388503
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ZNF205−AS1.csv' on 'Chronic Lymphocytic Leukemia'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rs150380088
rs10900024
rs11238629
rs78284255
rs117080613
rs11238567
rs6593374
rs7900342
rs56016019
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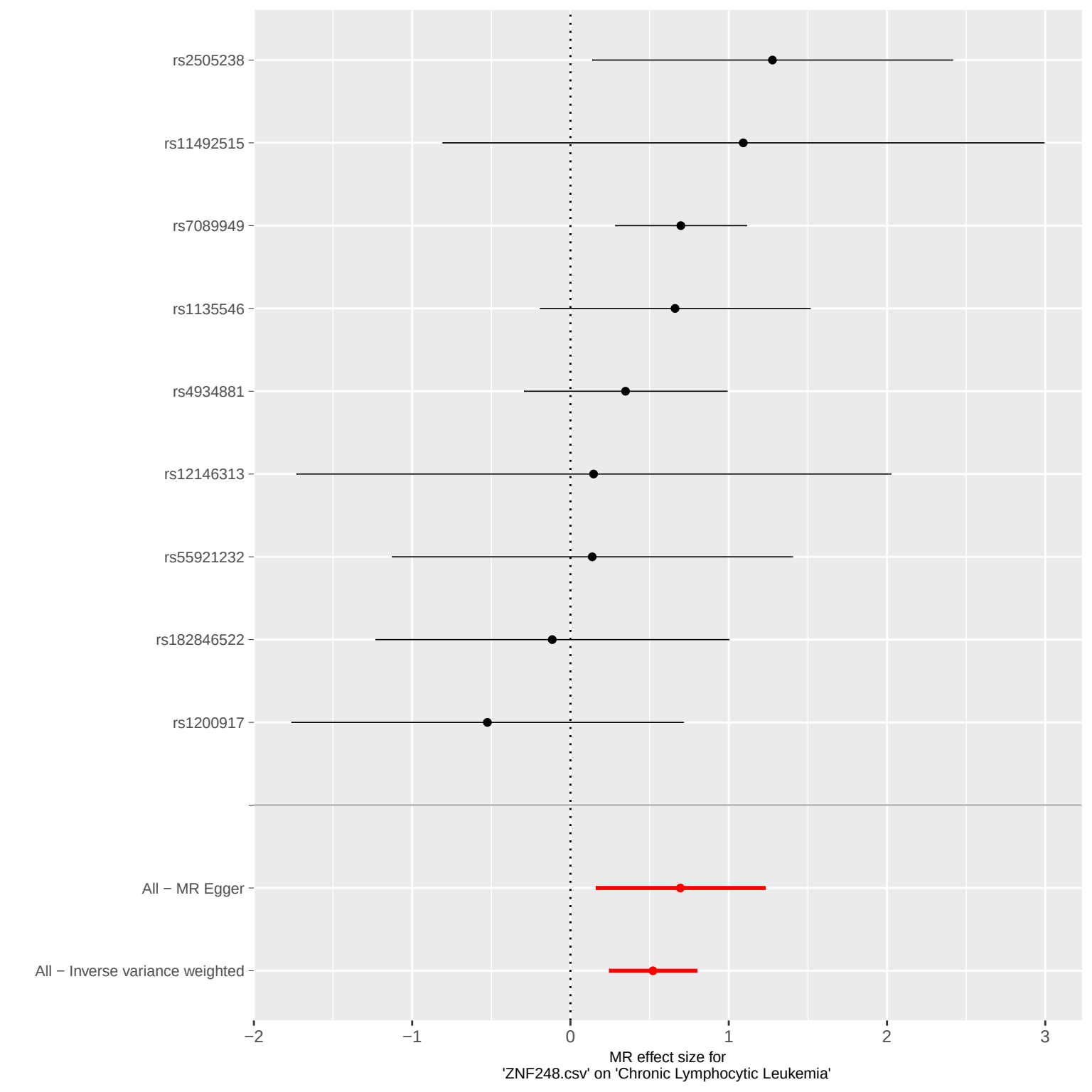
rs117514583
rs10508868
rs79164303
rs141235826
rs189467428
rs111566510
rs11238614
rs144976296
rs1338569
rs1254671
rs10899855
rs61852420
rs145875293
rs12784295
rs2999224
rs11238540
rs35967100
rs12573553
rs143266802
rs17880313
rs4948569
rs61859185
rs12241923
rs2435353
rs78427406
rs78016320
rs7083186
rs3120272
rs2435356
rs3026694
rs2435350
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
MR effect size for
'ZNF239.csv' on 'Chronic Lymphocytic Leukemia'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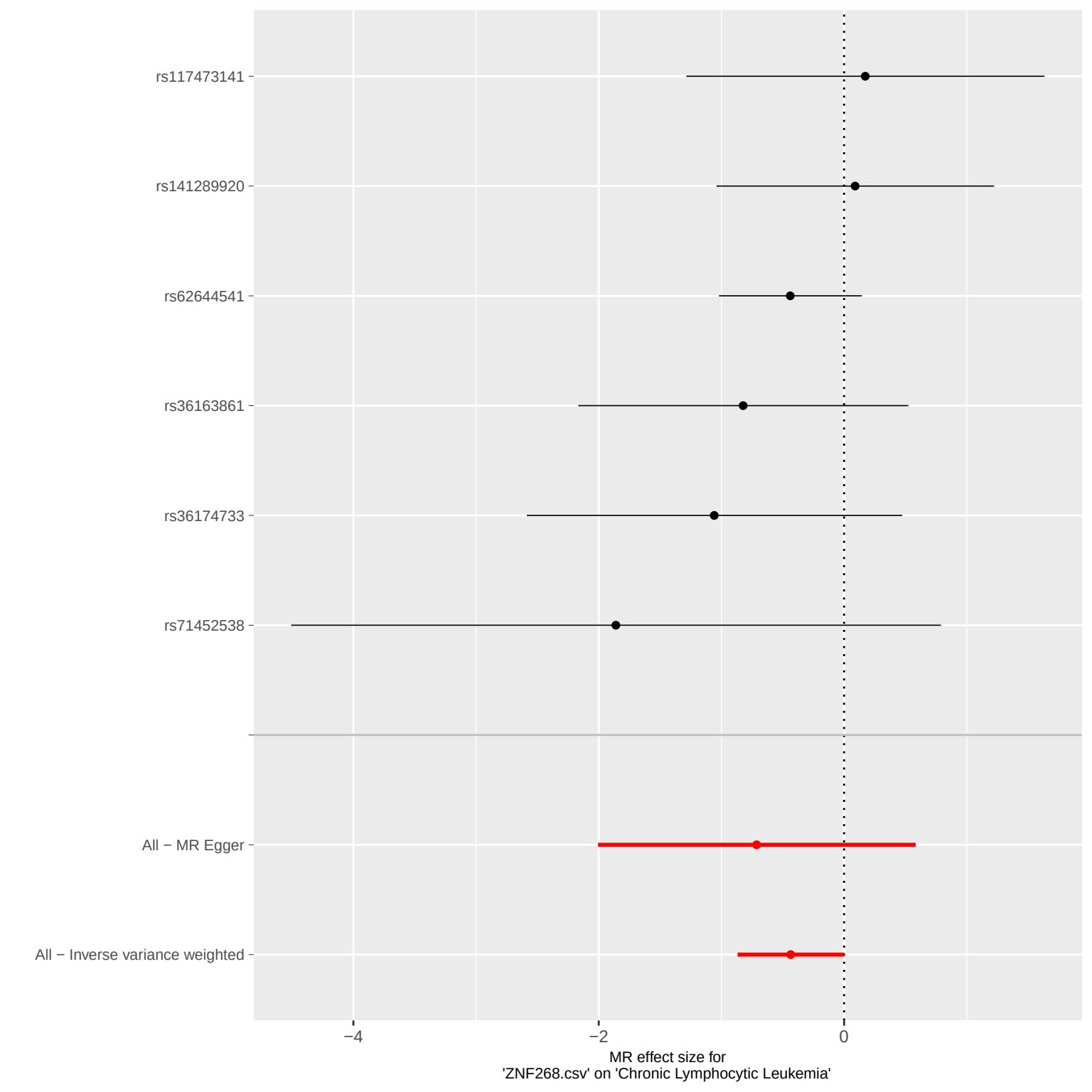
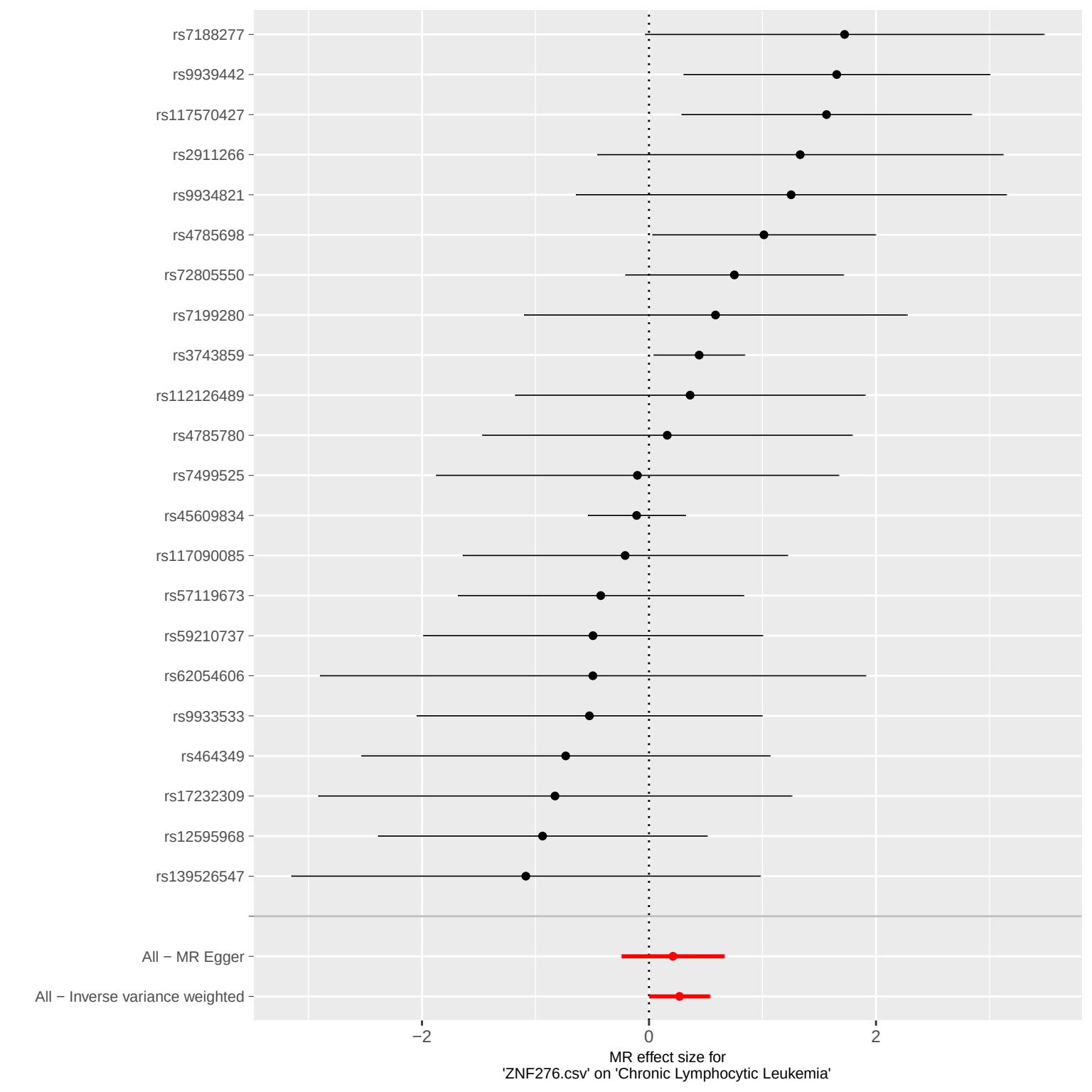
rs11492515
rs7089949
rs1135546
rs4934881
rs12146313
rs55921232
rs182846522
rs1200917
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ZNF248.csv' on 'Chronic Lymphocytic Leukemia'


rs117473141
rs141289920
rs62644541
rs36163861
rs36174733
rs71452538
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'ZNF268.csv' on 'Chronic Lymphocytic Leukemia'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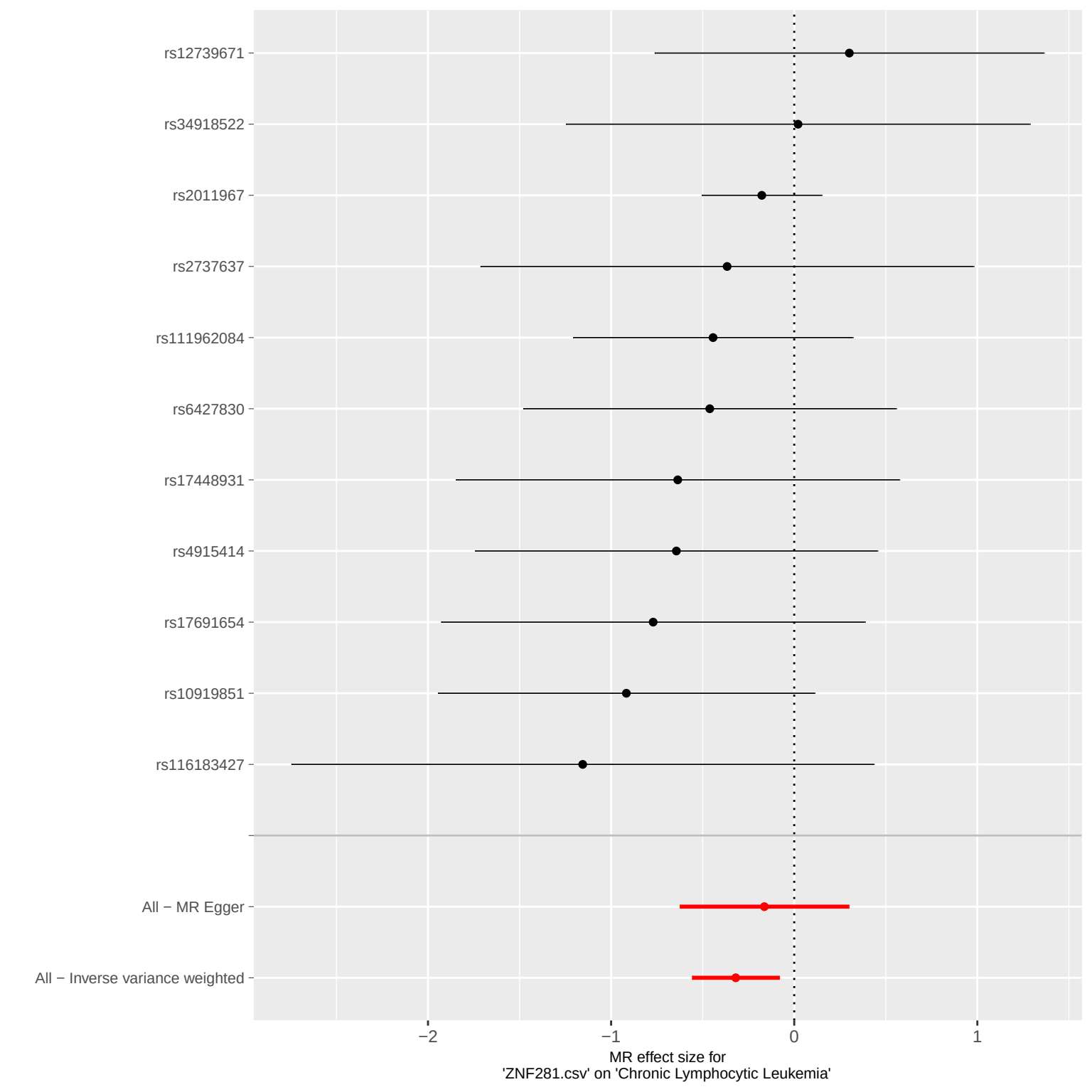
rs57119673
rs59210737
rs62054606
rs9933533
rs464349
rs17232309
rs12595968
rs139526547
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF276.csv' on 'Chronic Lymphocytic Leukemia'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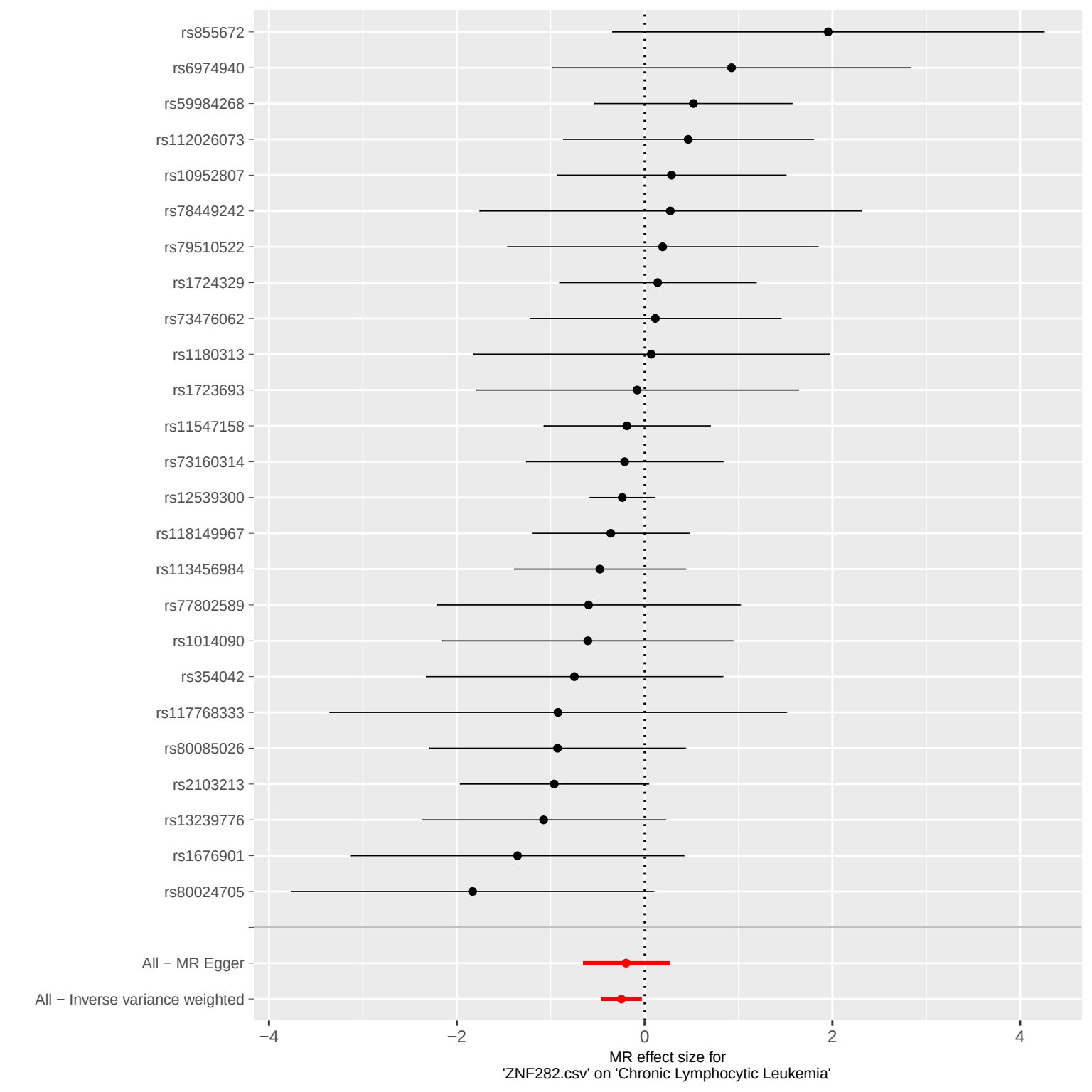
rs34918522
rs2011967
rs2737637
rs111962084
rs6427830
rs17448931
rs4915414
rs17691654
rs10919851
rs116183427
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'ZNF281.csv' on 'Chronic Lymphocytic Leukemia'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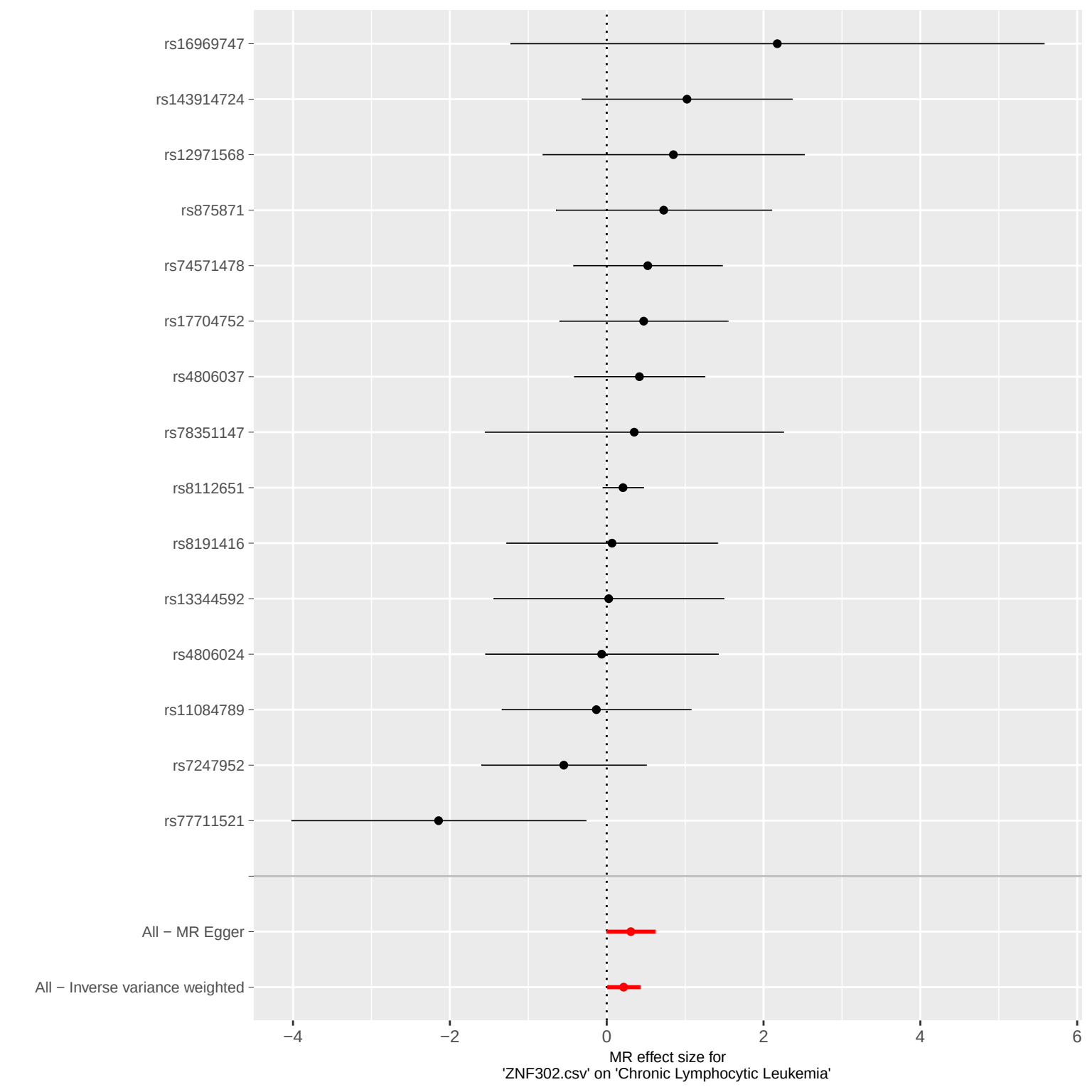
rs11547158
rs73160314
rs12539300
rs118149967
rs113456984
rs77802589
rs1014090
rs354042
rs117768333
rs80085026
rs2103213
rs13239776
rs1676901
rs80024705
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
MR effect size for
'ZNF282.csv' on 'Chronic Lymphocytic Leukemia'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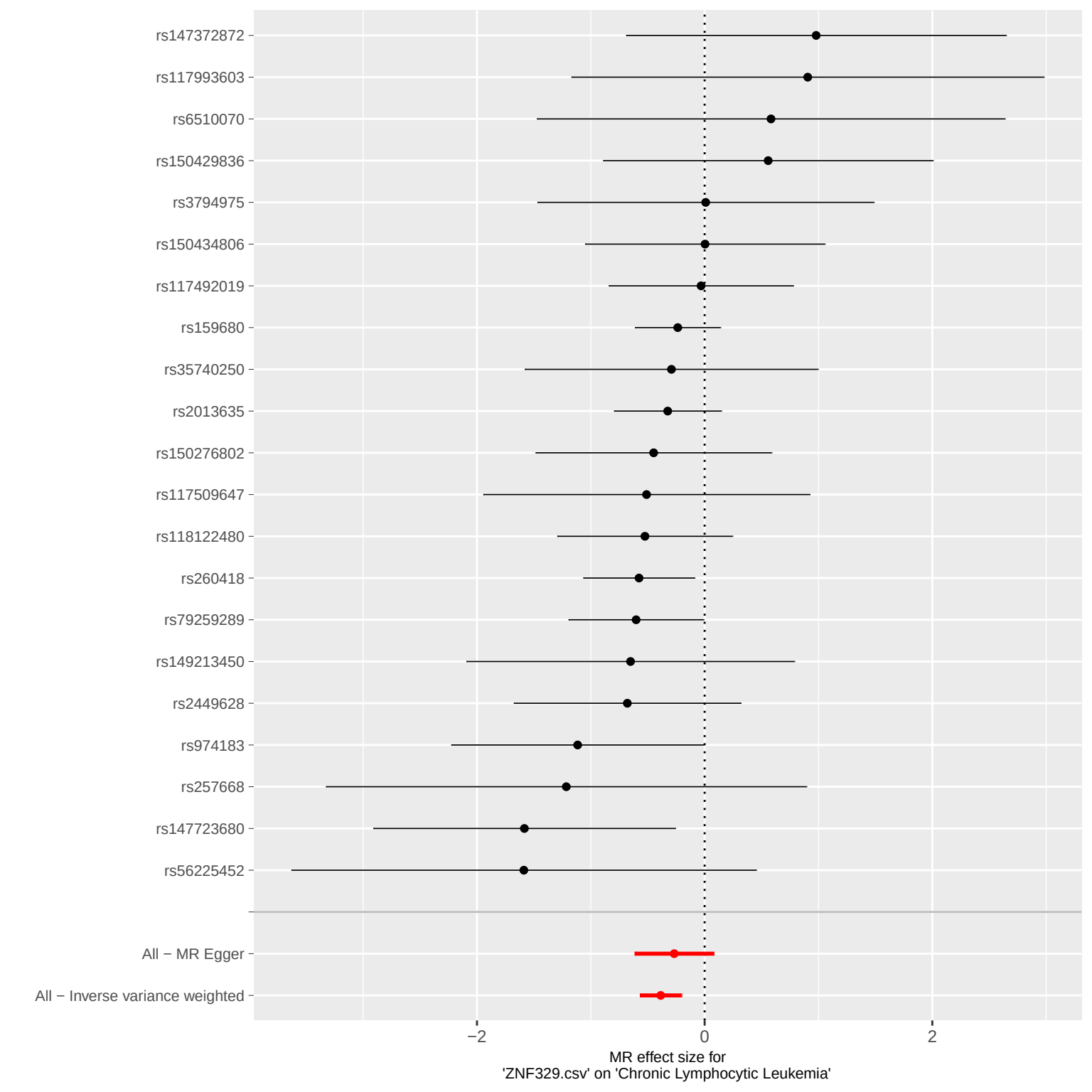
rs17704752
rs4806037
rs78351147
rs8112651
rs8191416
rs13344592
rs4806024
rs11084789
rs7247952
rs77711521
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
4
6
MR effect size for
'ZNF302.csv' on 'Chronic Lymphocytic Leukemia'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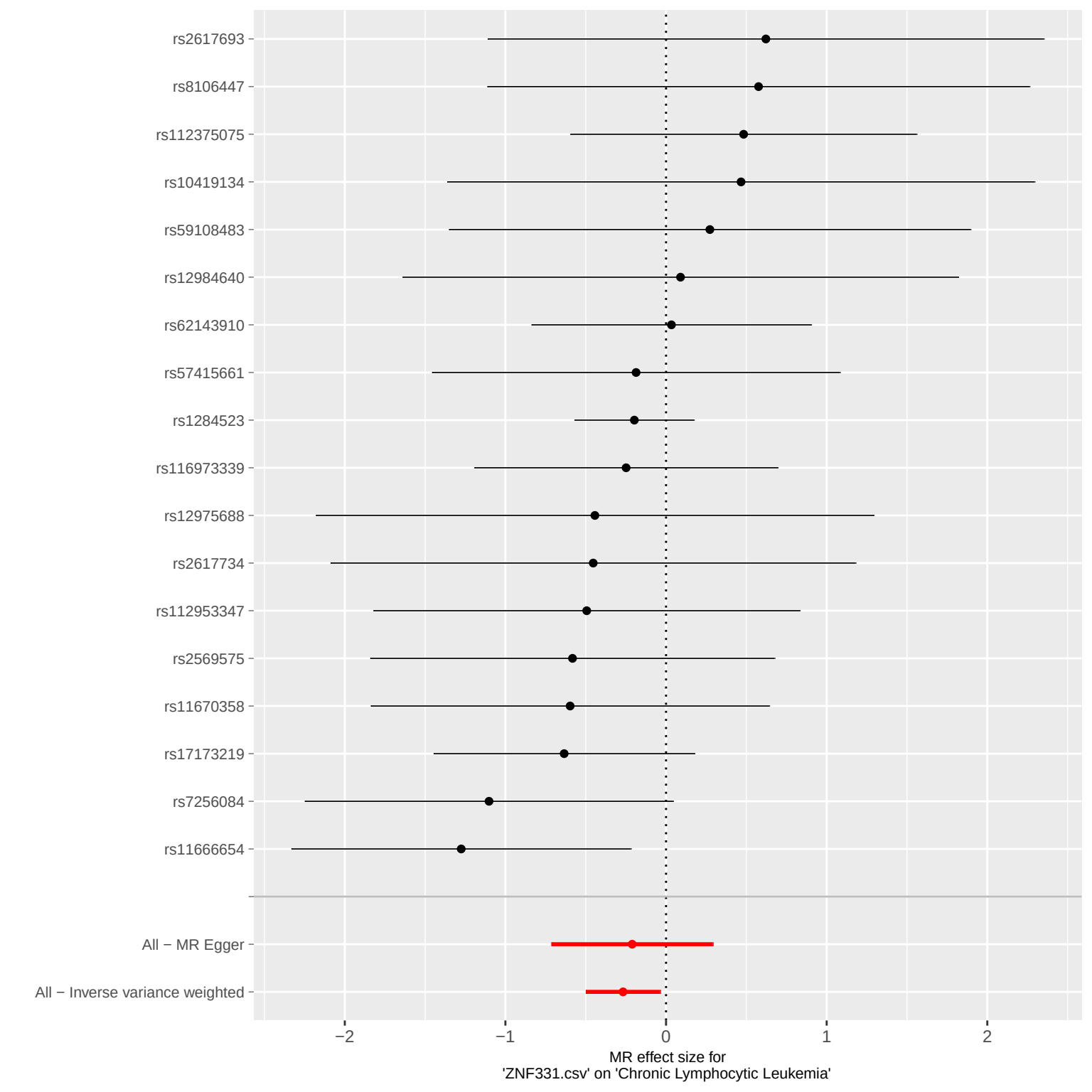
rs150276802
rs117509647
rs118122480
rs260418
rs79259289
rs149213450
rs2449628
rs974183
rs257668
rs147723680
rs56225452
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF329.csv' on 'Chronic Lymphocytic Leukemia'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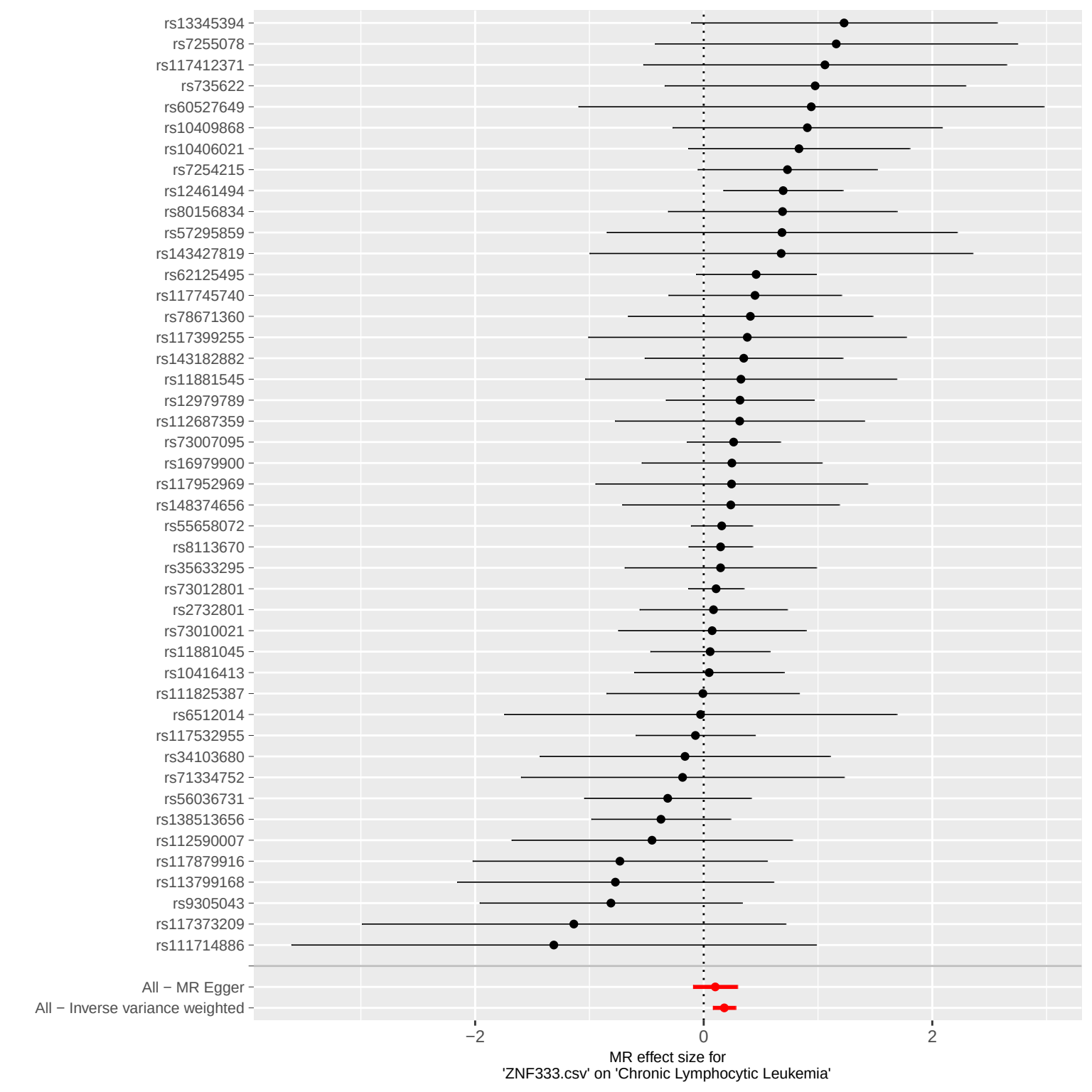
rs112953347
rs2569575
rs11670358
rs17173219
rs7256084
rs11666654
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ZNF331.csv' on 'Chronic Lymphocytic Leukemia'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rs143182882
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rs112687359
rs73007095
rs16979900
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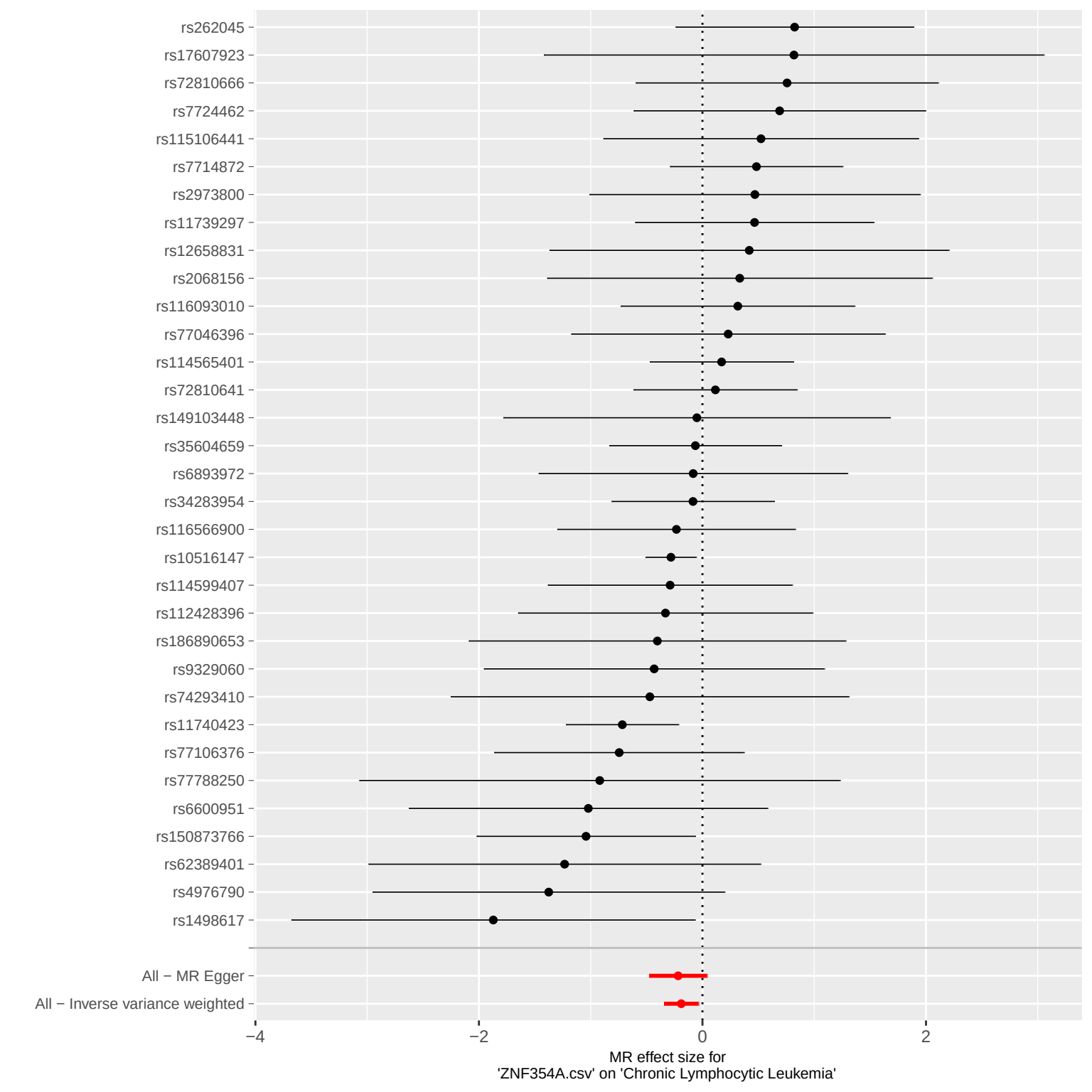
rs138513656
rs112590007
rs117879916
rs113799168
rs9305043
rs117373209
rs111714886
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF333.csv' on 'Chronic Lymphocytic Leukemia'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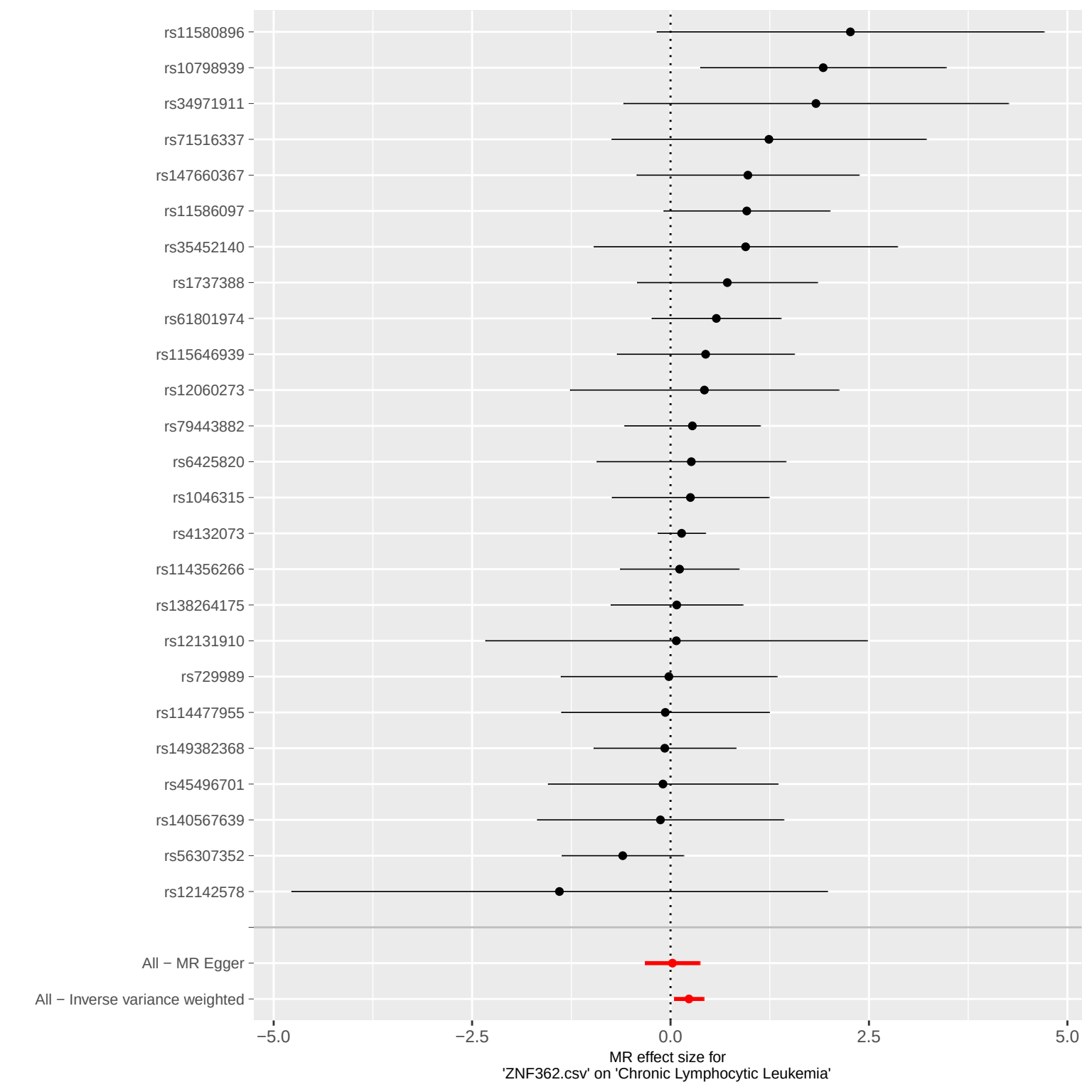
rs114599407
rs112428396
rs186890653
rs9329060
rs74293410
rs11740423
rs77106376
rs77788250
rs6600951
rs150873766
rs62389401
rs4976790
rs1498617
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF354A.csv' on 'Chronic Lymphocytic Leukemia'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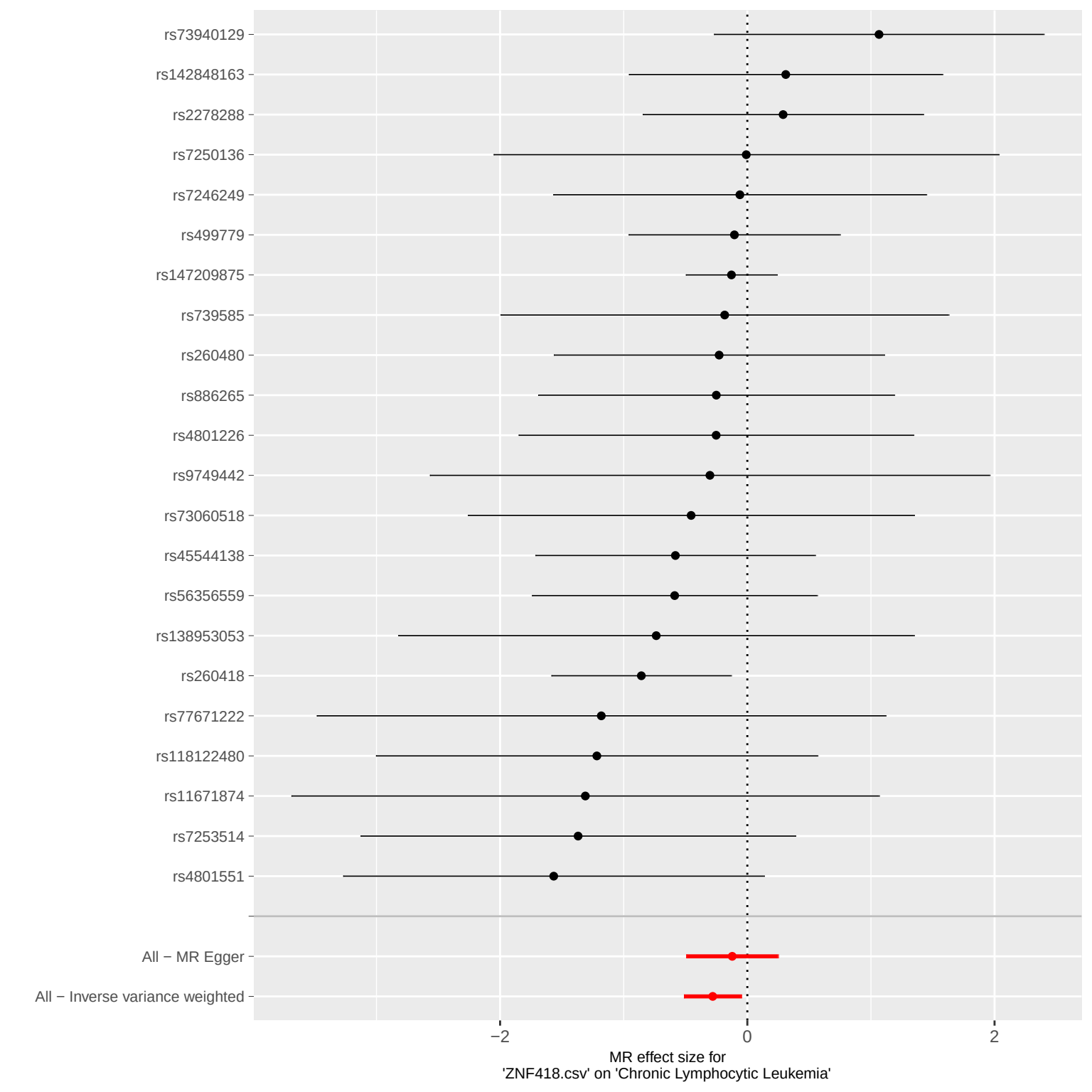
rs12131910
rs729989
rs114477955
rs149382368
rs45496701
rs140567639
rs56307352
rs12142578
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF362.csv' on 'Chronic Lymphocytic Leukemia'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rs73060518
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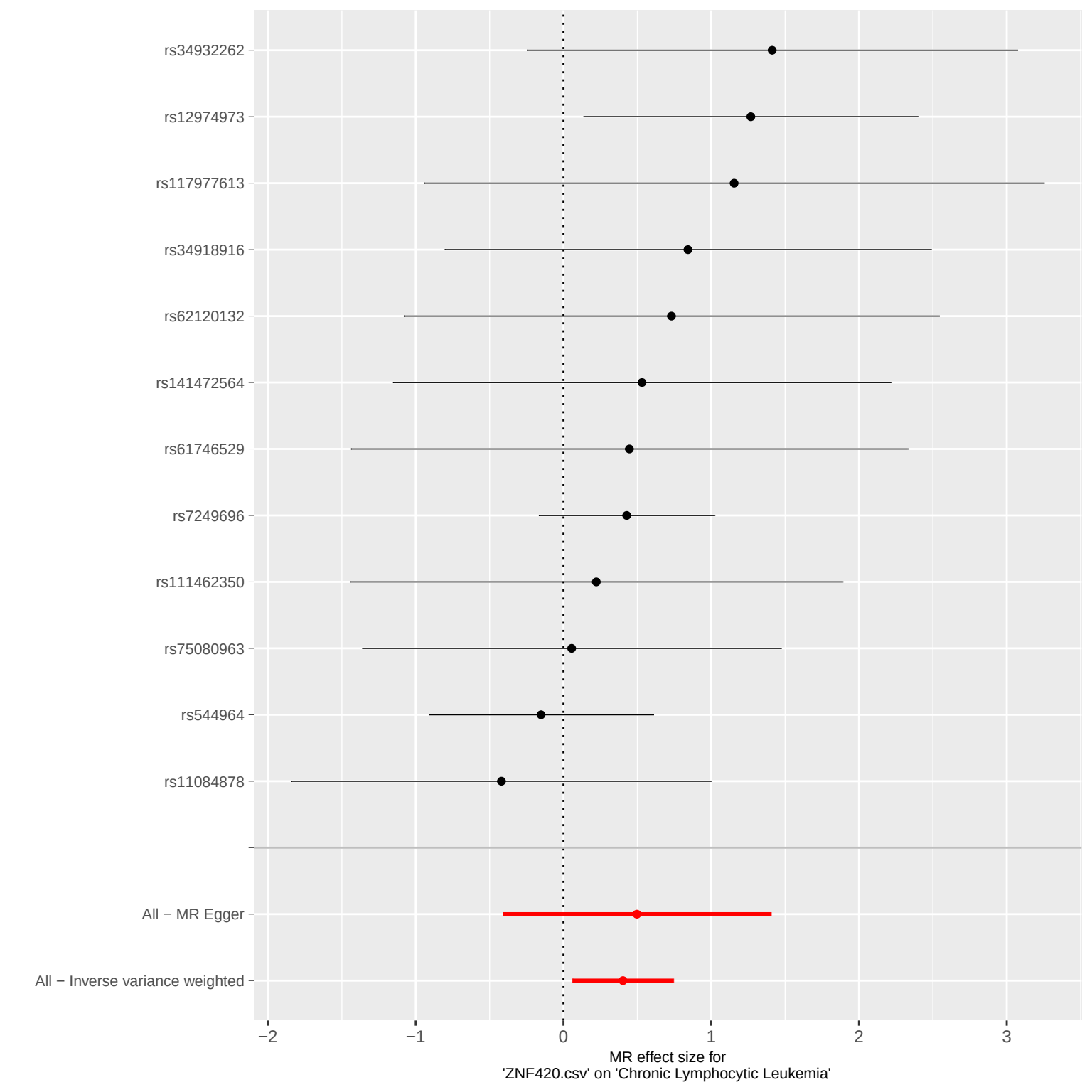
rs56356559
rs138953053
rs260418
rs77671222
rs118122480
rs11671874
rs7253514
rs4801551
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF418.csv' on 'Chronic Lymphocytic Leukemia'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rs62120132
rs141472564
rs61746529
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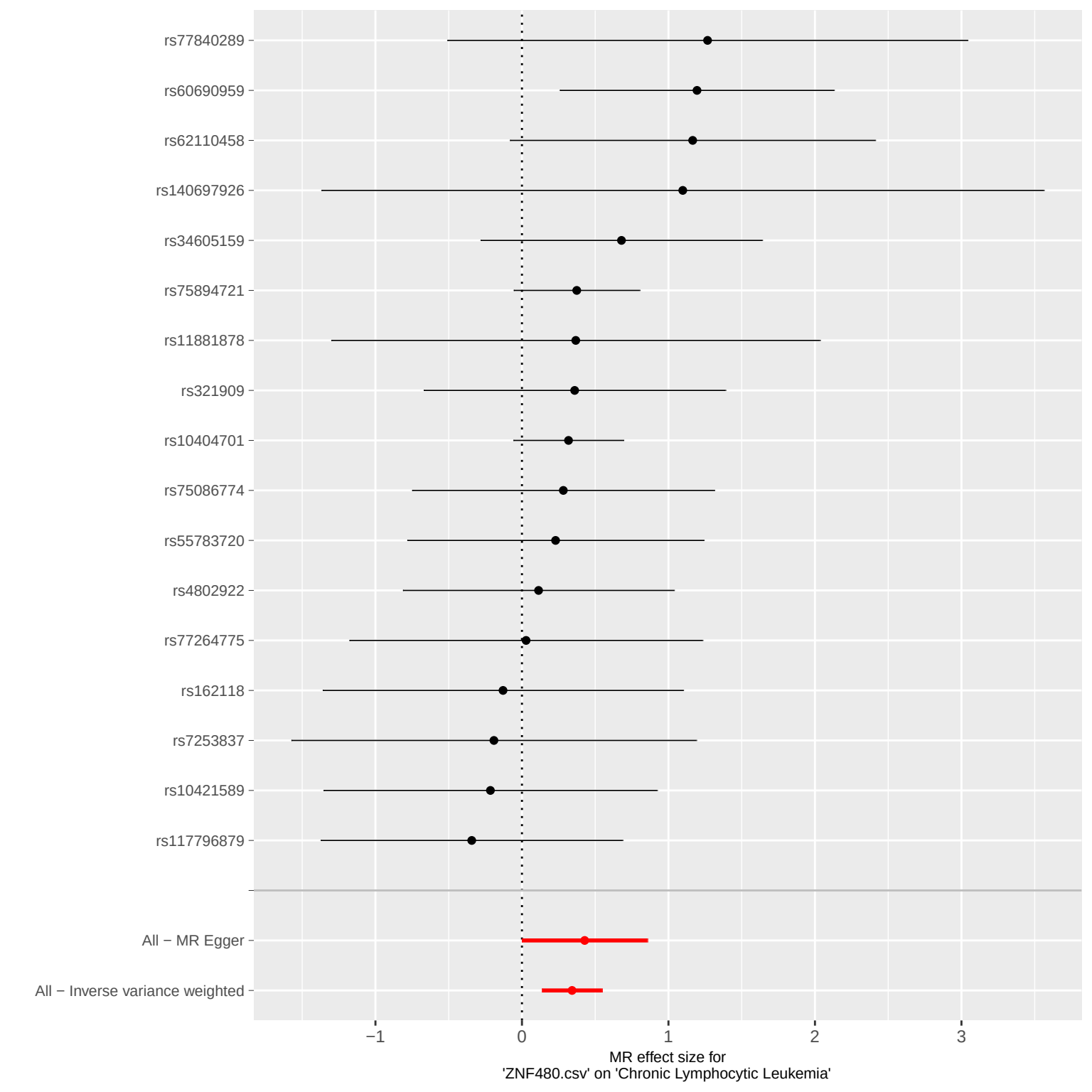
rs111462350
rs75080963
rs544964
rs11084878
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ZNF420.csv' on 'Chronic Lymphocytic Leukemia'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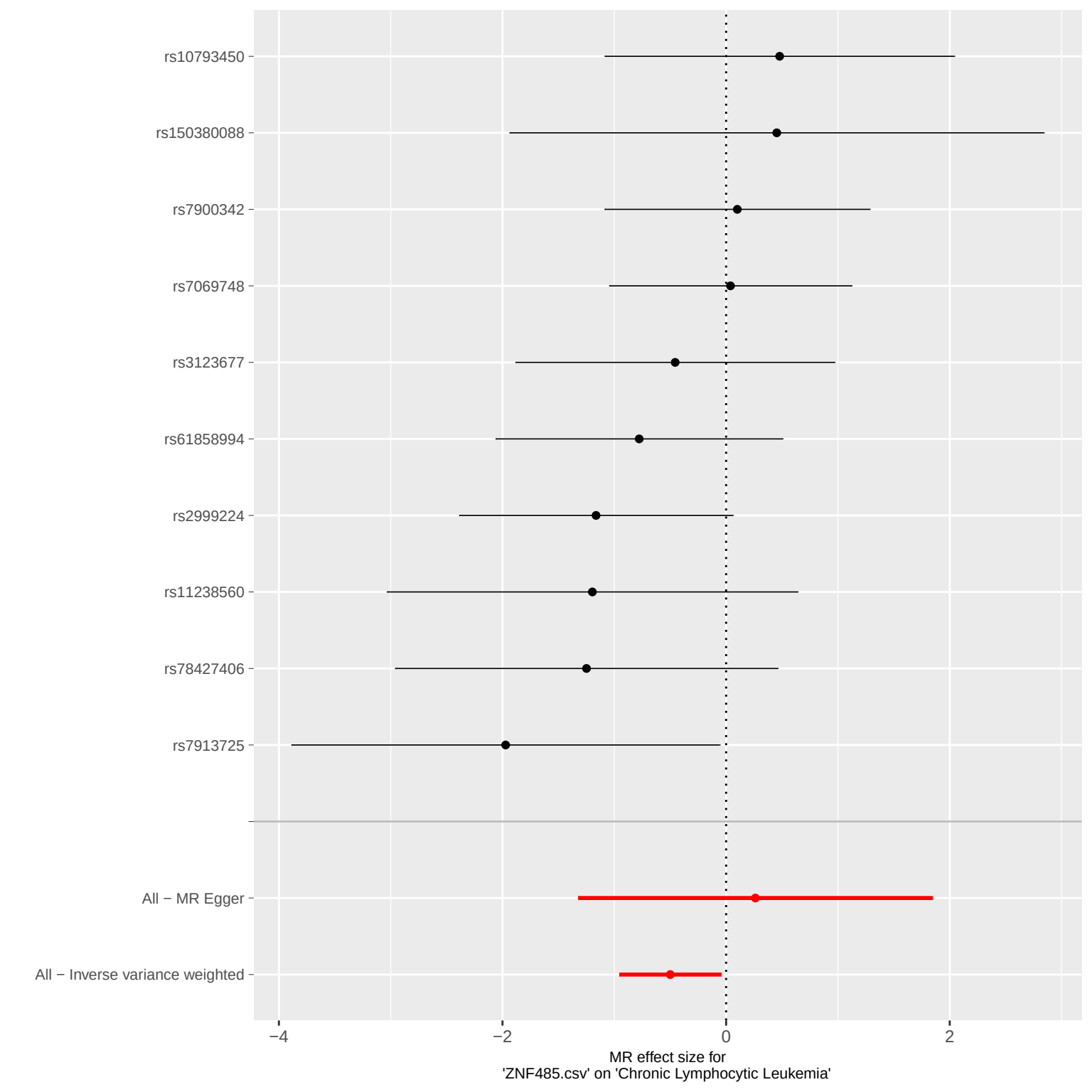
rs4802922
rs77264775
rs162118
rs7253837
rs10421589
rs117796879
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'ZNF480.csv' on 'Chronic Lymphocytic Leukemia'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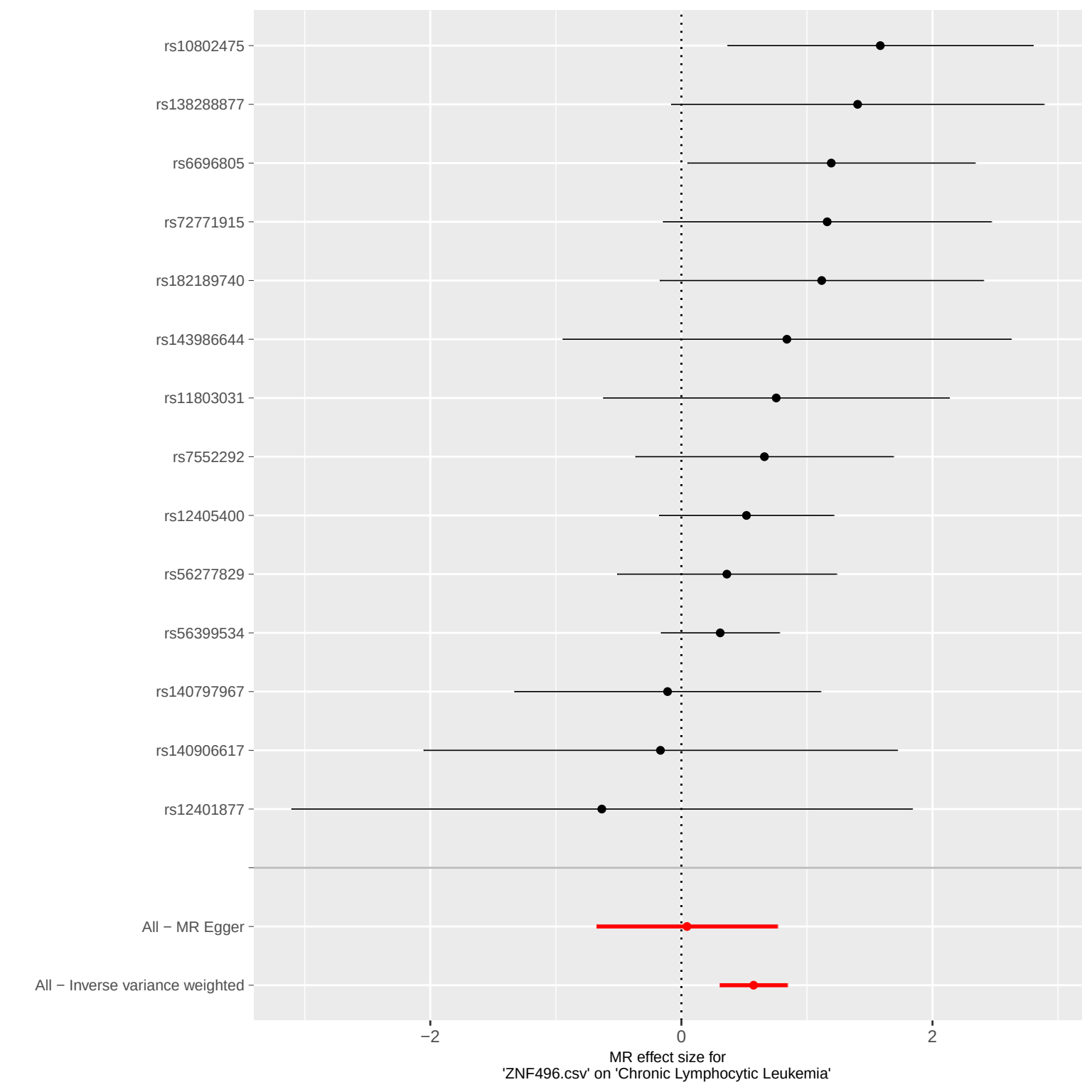
rs3123677
rs61858994
rs2999224
rs11238560
rs78427406
rs7913725
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF485.csv' on 'Chronic Lymphocytic Leukemia'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rs143986644
rs11803031
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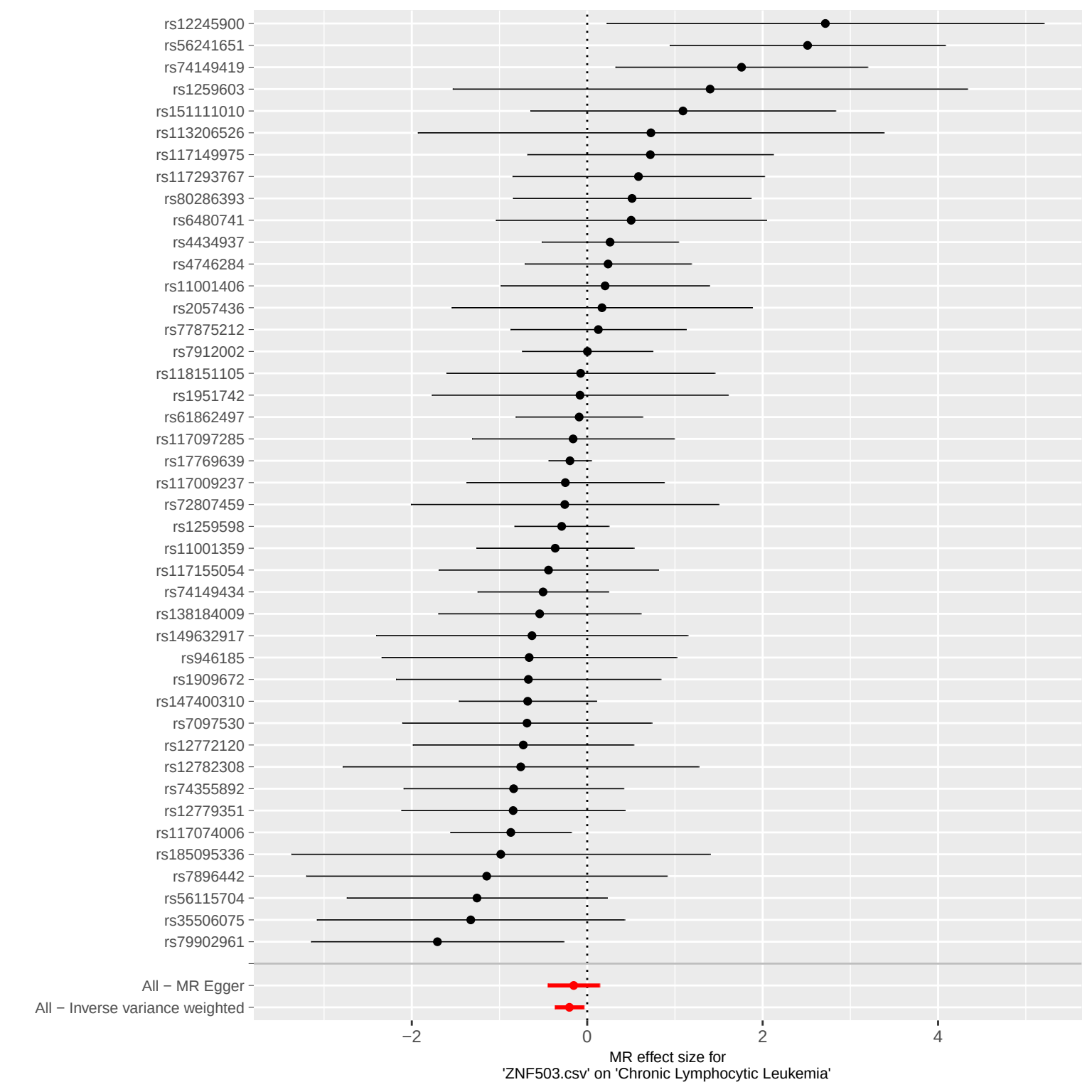
rs12405400
rs56277829
rs56399534
rs140797967
rs140906617
rs12401877
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF496.csv' on 'Chronic Lymphocytic Leukemia'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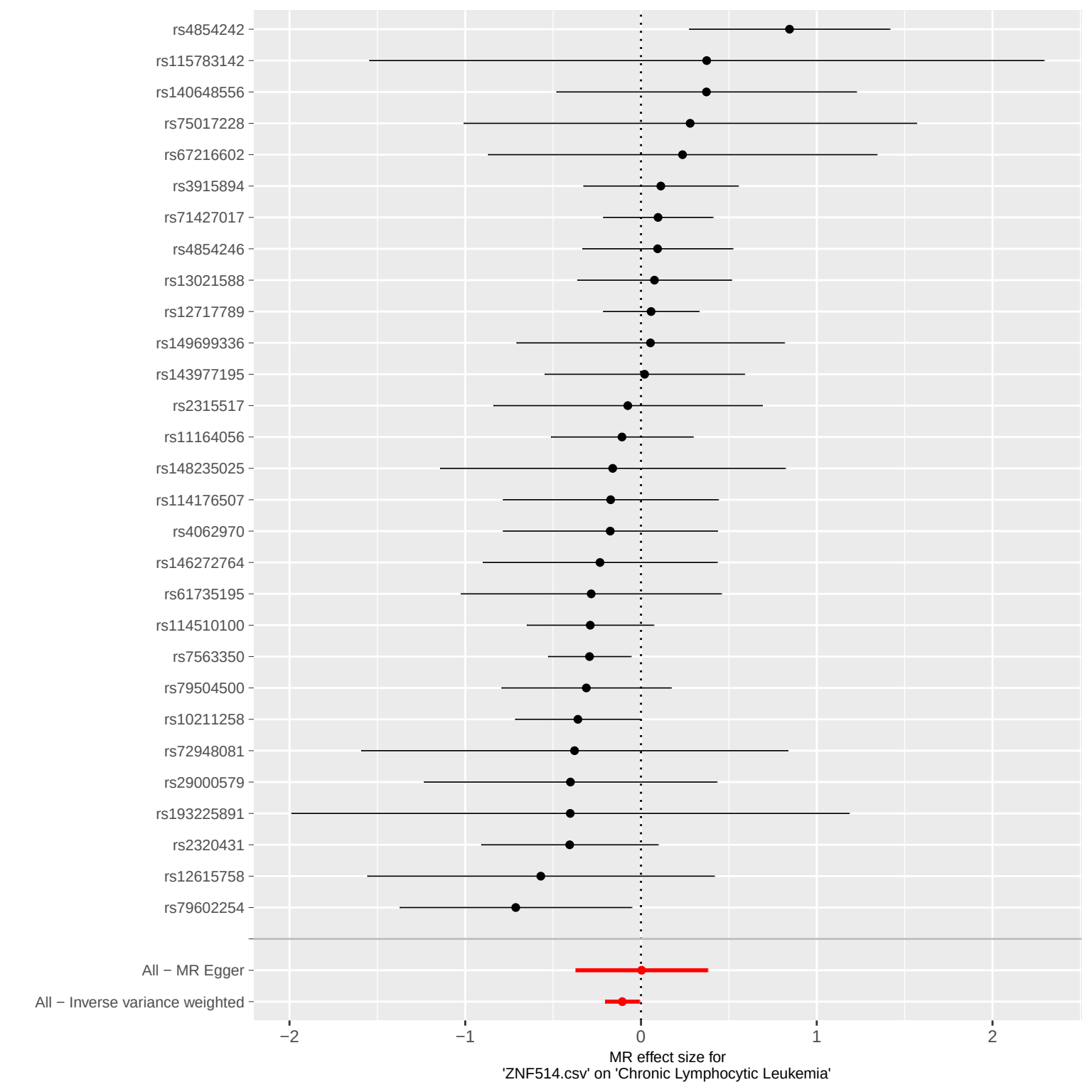
rs151111010
rs113206526
rs117149975
rs117293767
rs80286393
rs6480741
rs4434937
rs4746284
rs11001406
rs2057436
rs77875212
rs7912002
rs118151105
rs1951742
rs61862497
rs117097285
rs17769639
rs117009237
rs72807459
rs1259598
rs11001359
rs117155054
rs74149434
rs138184009
rs149632917
rs946185
rs1909672
rs147400310
rs7097530
rs12772120
rs12782308
rs74355892
rs12779351
rs117074006
rs185095336
rs7896442
rs56115704
rs35506075
rs79902961
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZNF503.csv' on 'Chronic Lymphocytic Leukemia'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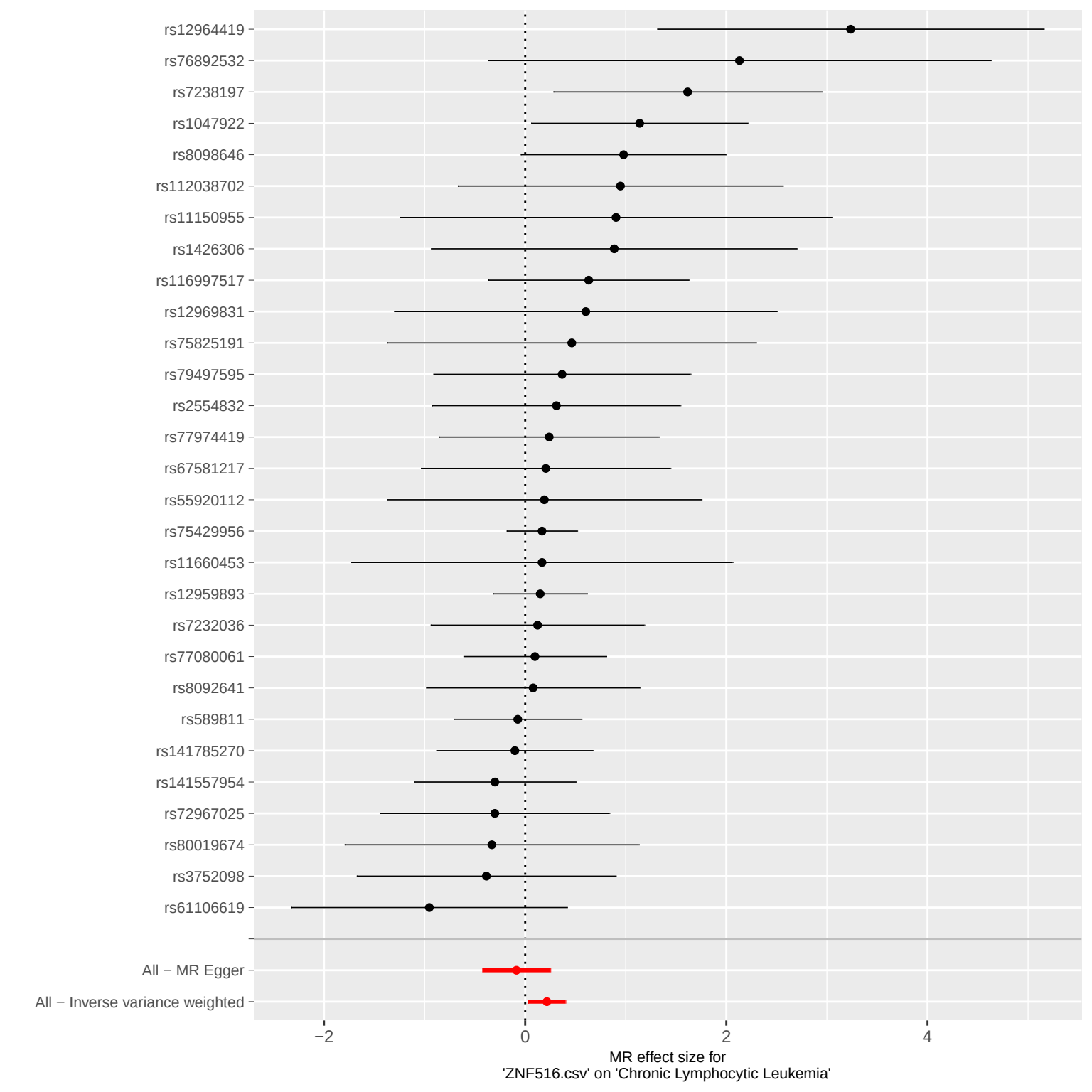
rs149699336
rs143977195
rs2315517
rs11164056
rs148235025
rs114176507
rs4062970
rs146272764
rs61735195
rs114510100
rs7563350
rs79504500
rs10211258
rs72948081
rs29000579
rs193225891
rs2320431
rs12615758
rs79602254
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ZNF514.csv' on 'Chronic Lymphocytic Leukemia'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rs55920112
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rs11660453
rs12959893
rs7232036
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rs8092641
rs589811
rs141785270
rs141557954
rs72967025
rs80019674
rs3752098
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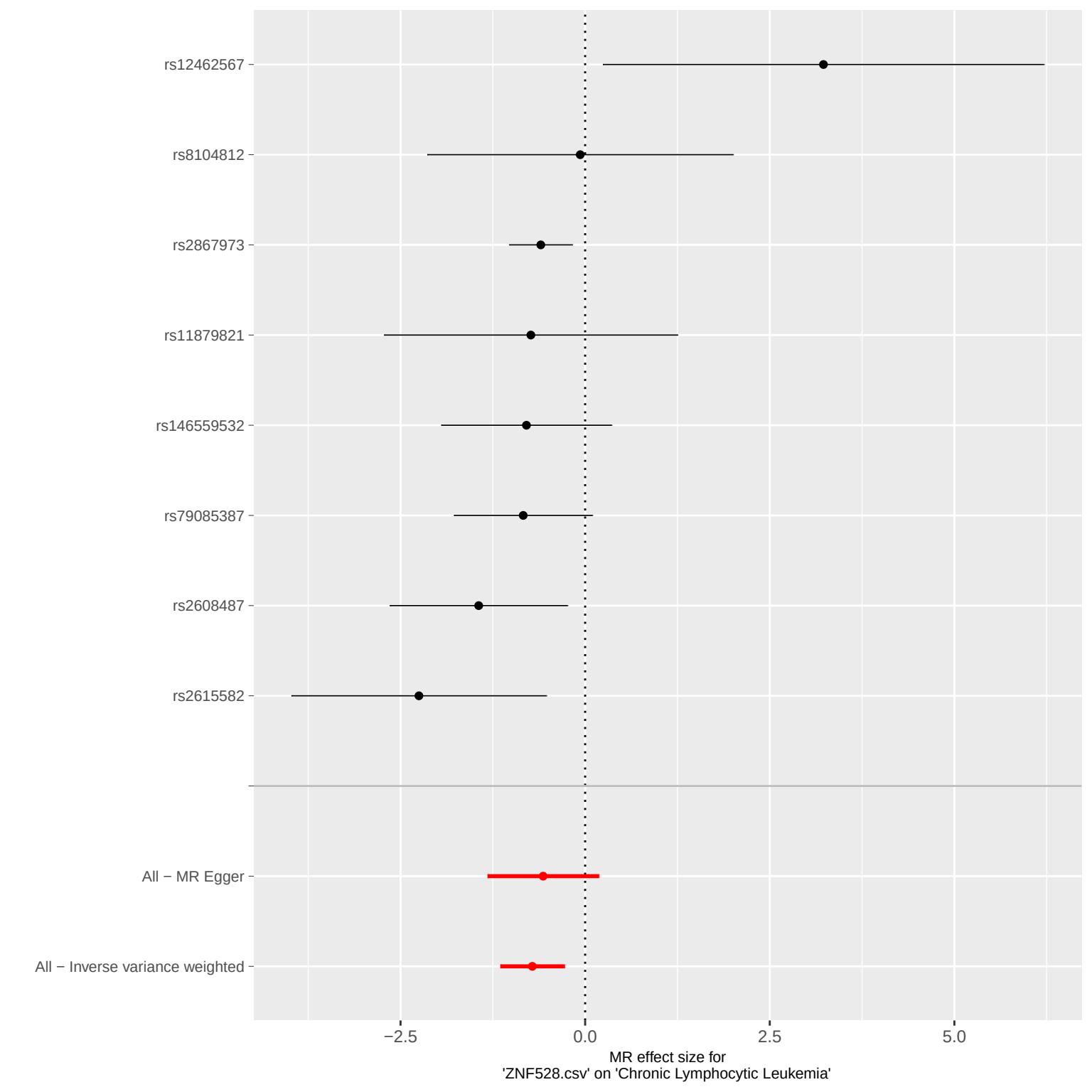
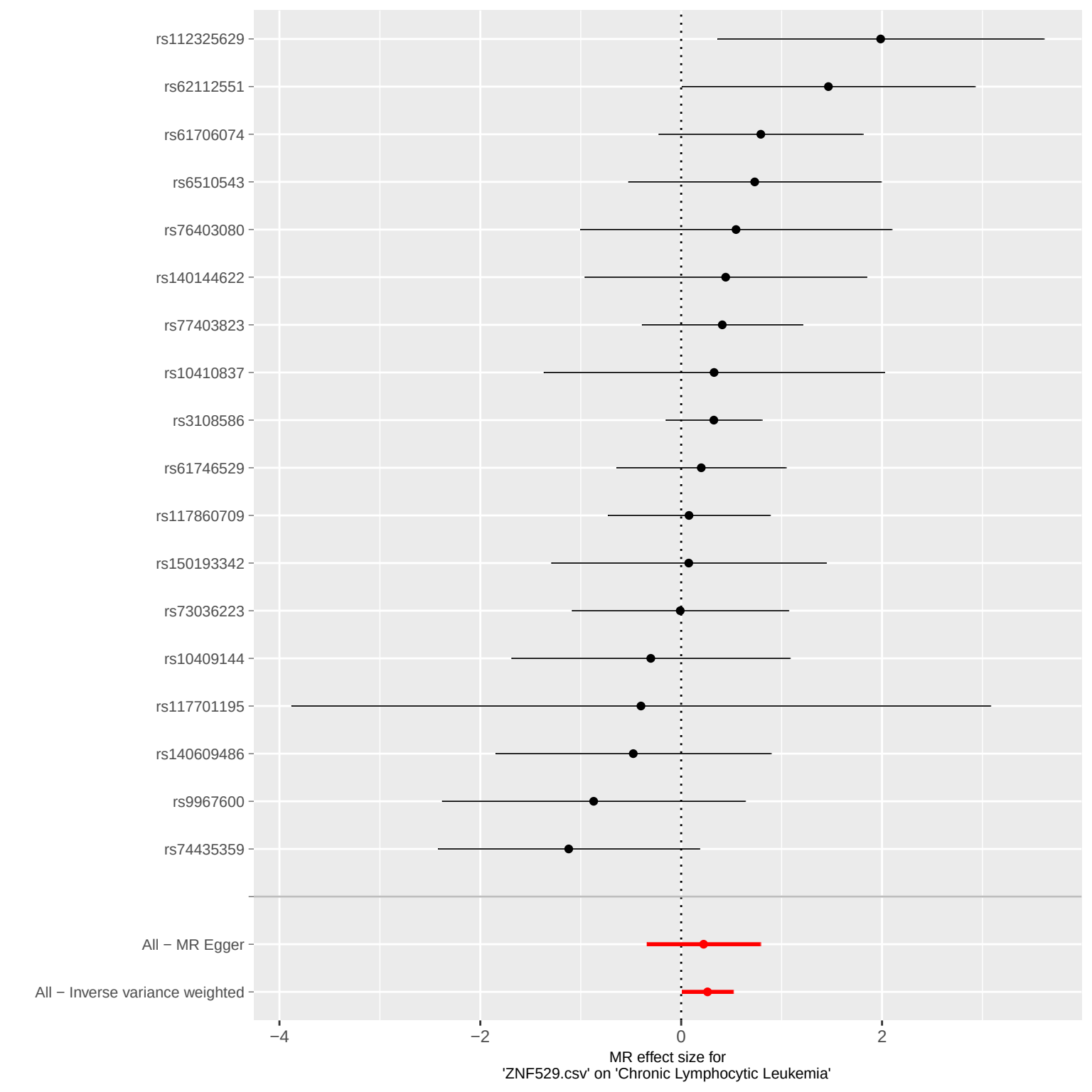
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZNF516.csv' on 'Chronic Lymphocytic Leukemia'


rs12462567
rs8104812
rs2867973
rs11879821
rs146559532
rs79085387
rs2608487
rs2615582
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
2.5
5.0
MR effect size for
'ZNF528.csv' on 'Chronic Lymphocytic Leukemia'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rs140144622
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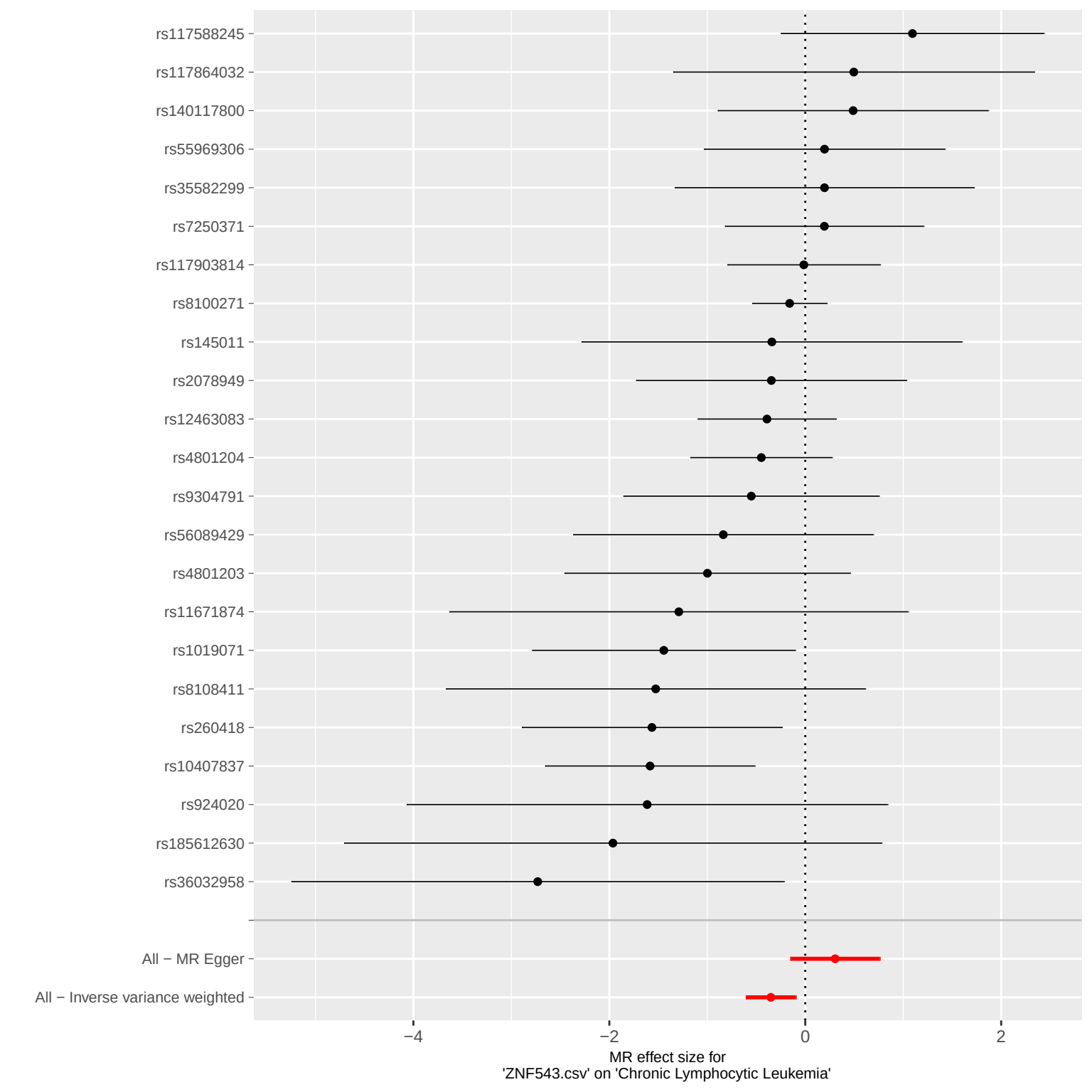
rs10410837
rs3108586
rs61746529
rs117860709
rs150193342
rs73036223
rs10409144
rs117701195
rs140609486
rs9967600
rs74435359
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF529.csv' on 'Chronic Lymphocytic Leukemia'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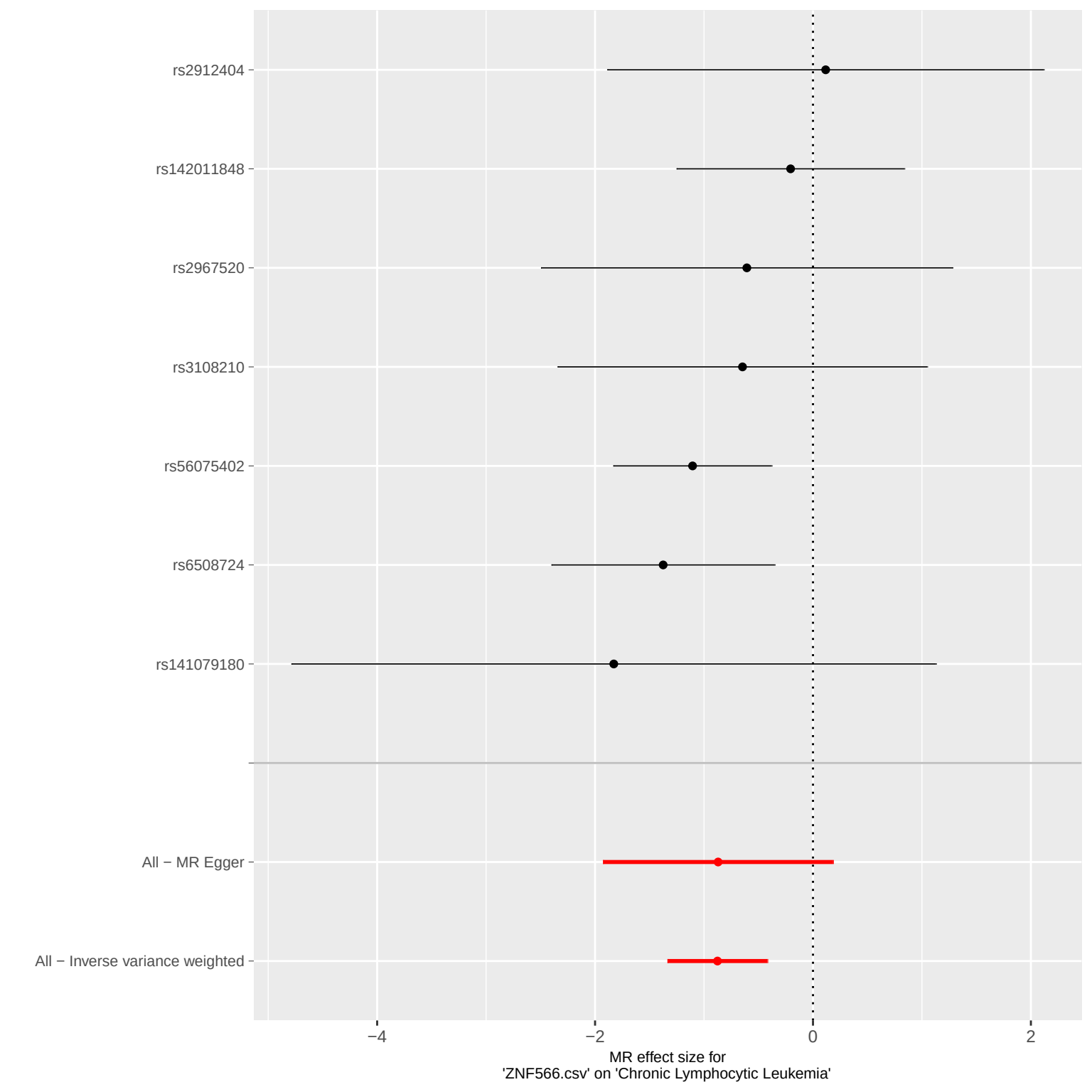
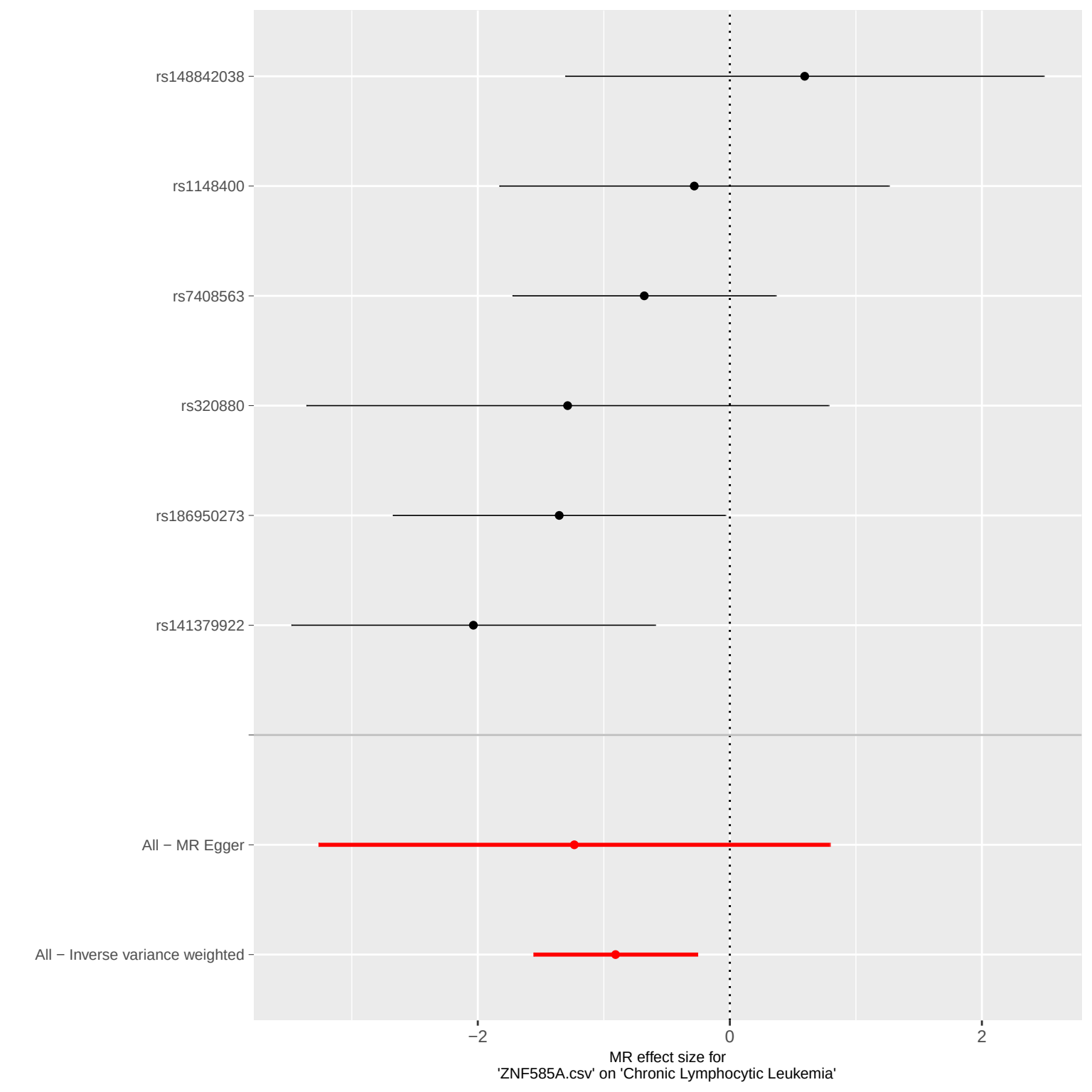
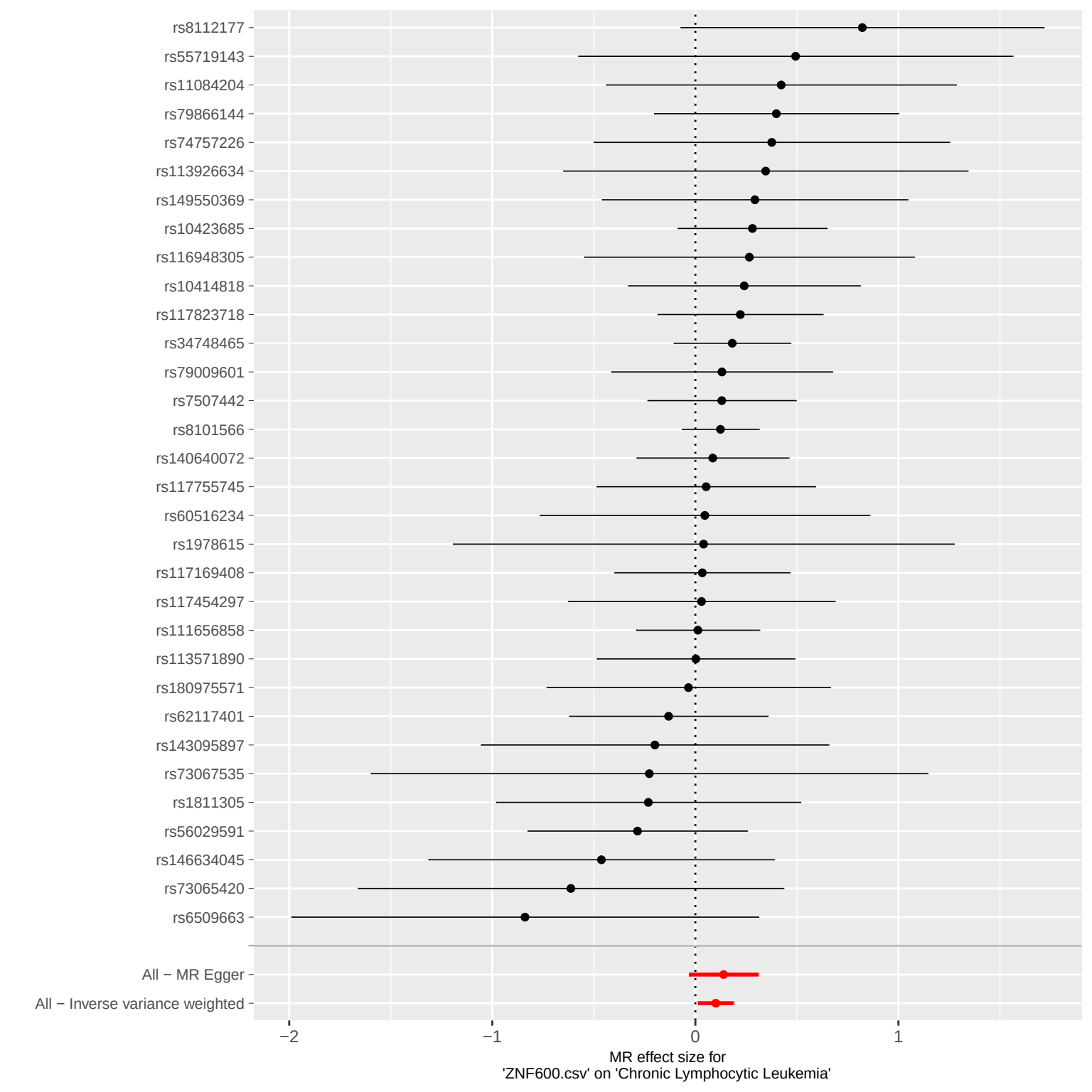
rs12463083
rs4801204
rs9304791
rs56089429
rs4801203
rs11671874
rs1019071
rs8108411
rs260418
rs10407837
rs924020
rs185612630
rs36032958
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF543.csv' on 'Chronic Lymphocytic Leukemia'


rs2912404
rs142011848
rs2967520
rs3108210
rs56075402
rs6508724
rs141079180
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'ZNF566.csv' on 'Chronic Lymphocytic Leukemia'


rs148842038
rs1148400
rs7408563
rs320880
rs186950273
rs141379922
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF585A.csv' on 'Chronic Lymphocytic Leukemia'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rs34748465
rs79009601
rs7507442
rs8101566
rs140640072
rs117755745
rs60516234
rs1978615
rs117169408
rs117454297
rs111656858
rs113571890
rs180975571
rs62117401
rs143095897
rs73067535
rs1811305
rs56029591
rs146634045
rs73065420
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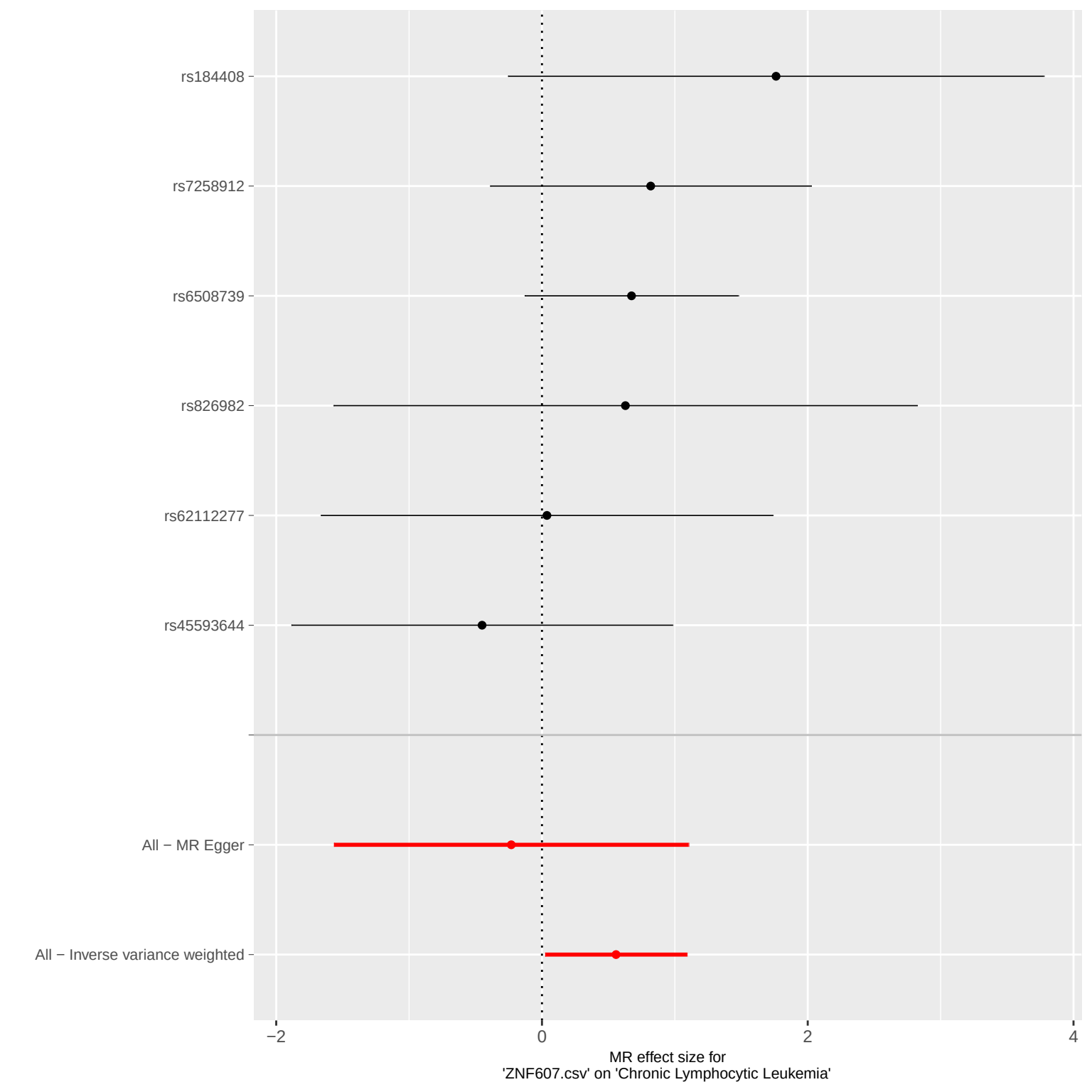
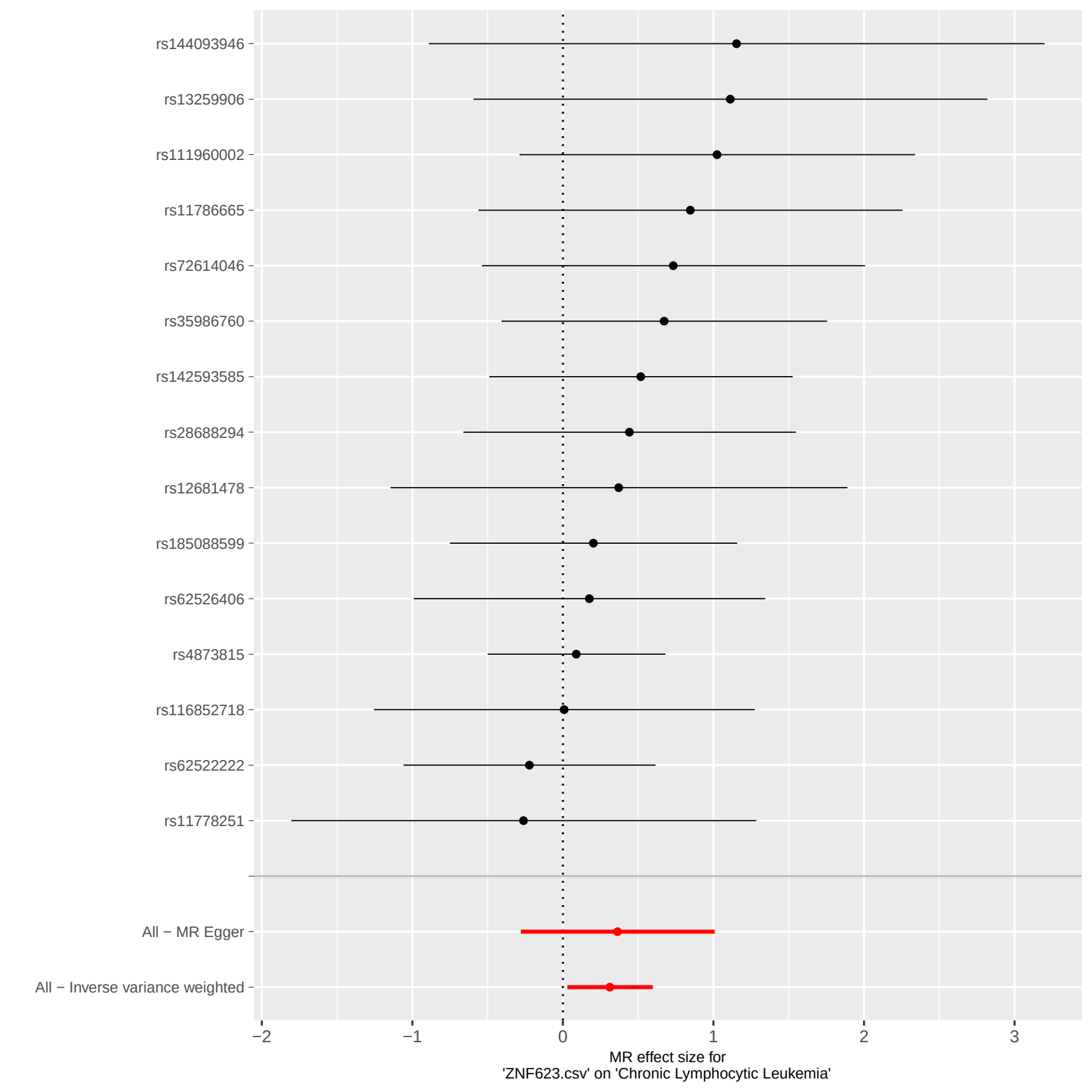
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'ZNF600.csv' on 'Chronic Lymphocytic Leukemia'


rs184408
rs7258912
rs6508739
rs826982
rs62112277
rs45593644
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZNF607.csv' on 'Chronic Lymphocytic Leukemia'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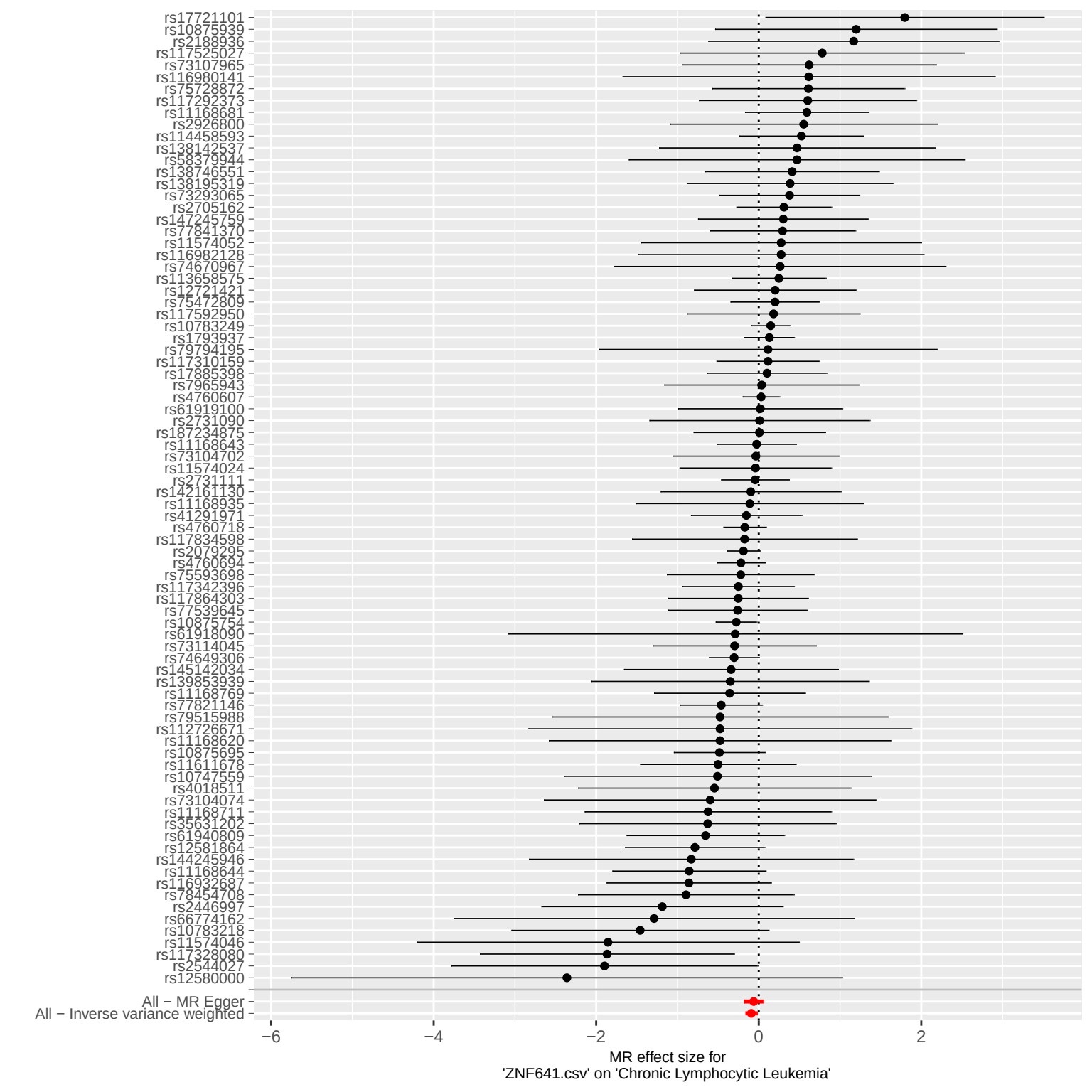
rs116852718
rs62522222
rs11778251
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ZNF623.csv' on 'Chronic Lymphocytic Leukemia'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rs138746551
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rs74670967
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rs4760694
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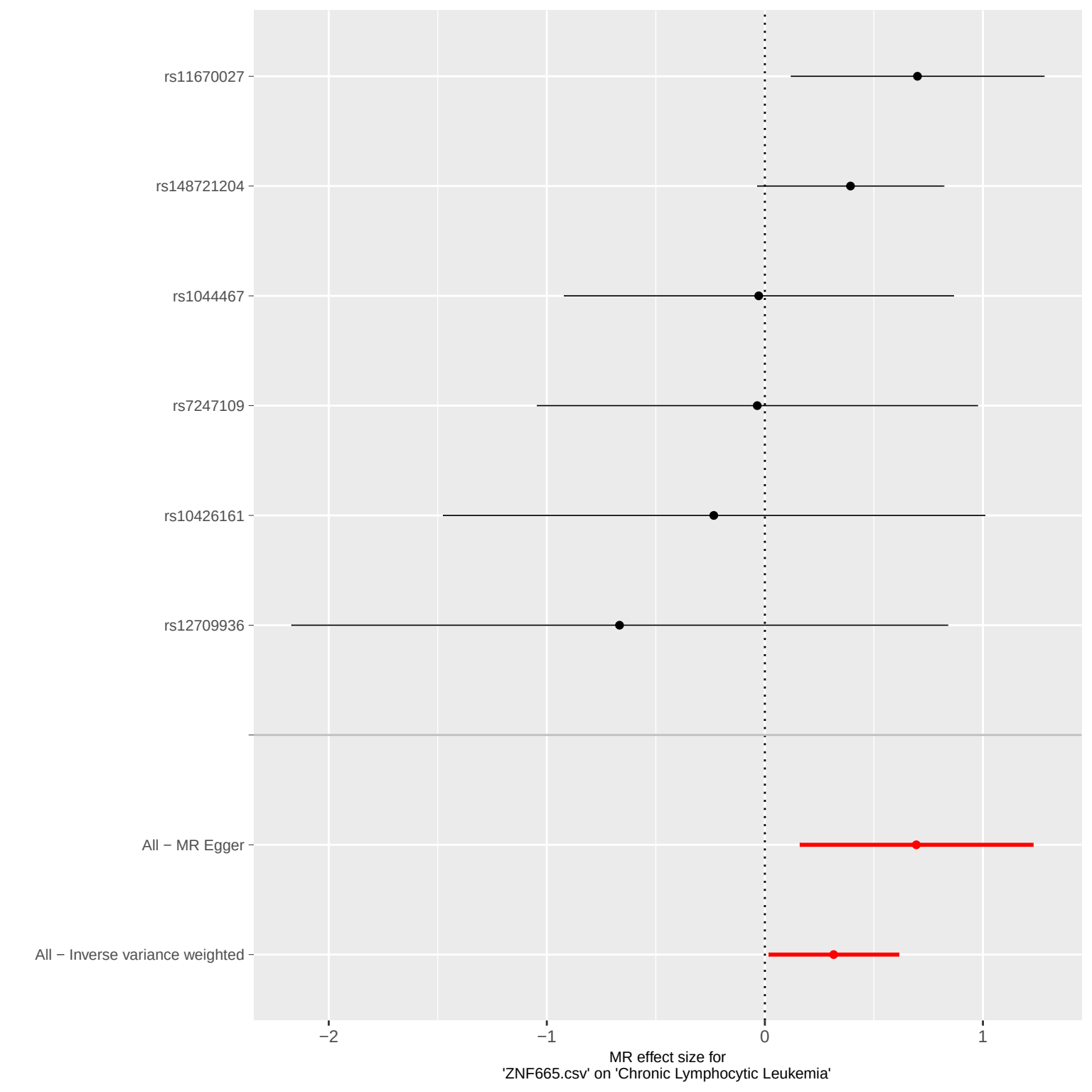
rs11168644
rs116932687
rs78454708
rs2446997
rs66774162
rs10783218
rs11574046
rs117328080
rs2544027
rs12580000
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'ZNF641.csv' on 'Chronic Lymphocytic Leukemia'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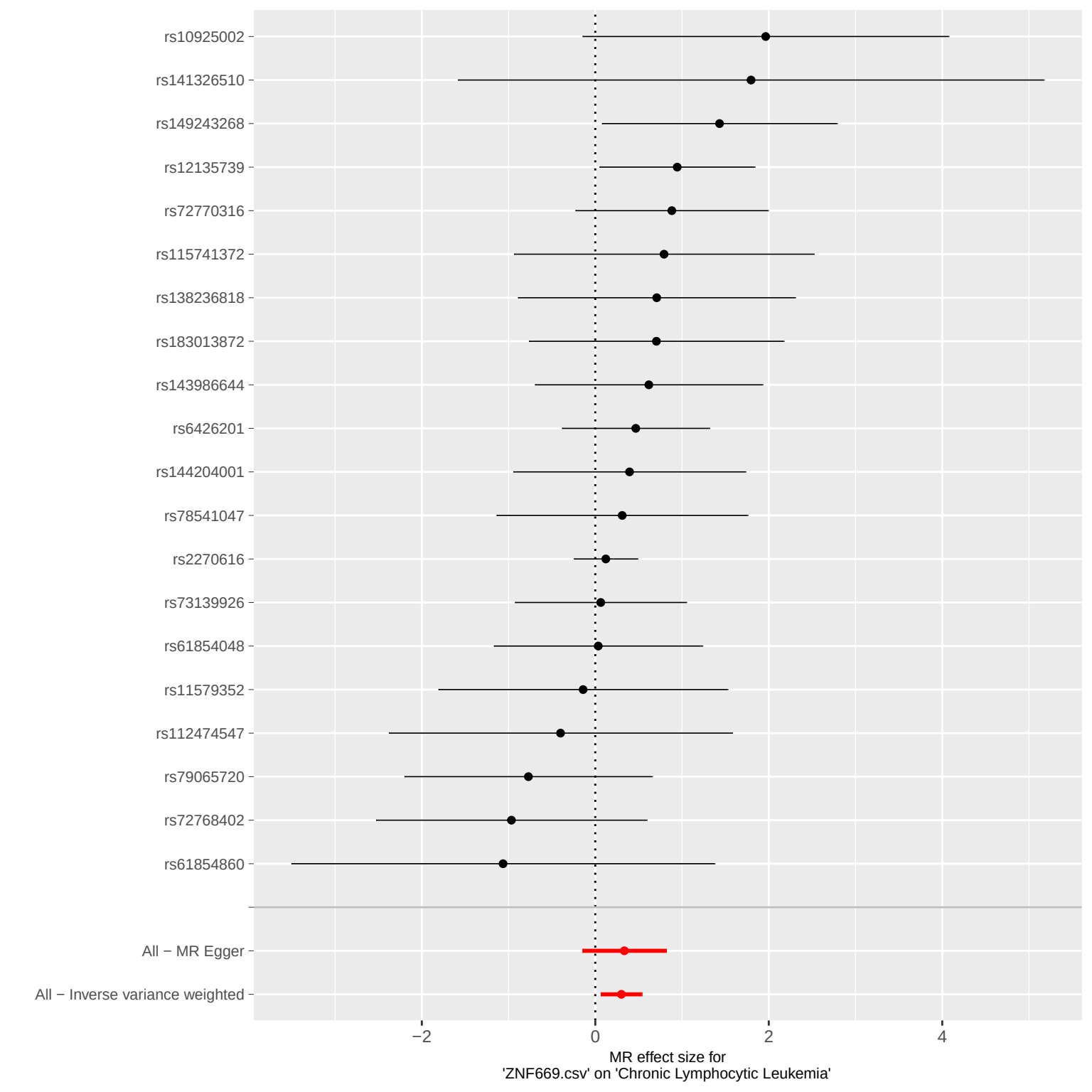
rs7247109
rs10426161
rs12709936
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'ZNF665.csv' on 'Chronic Lymphocytic Leukemia'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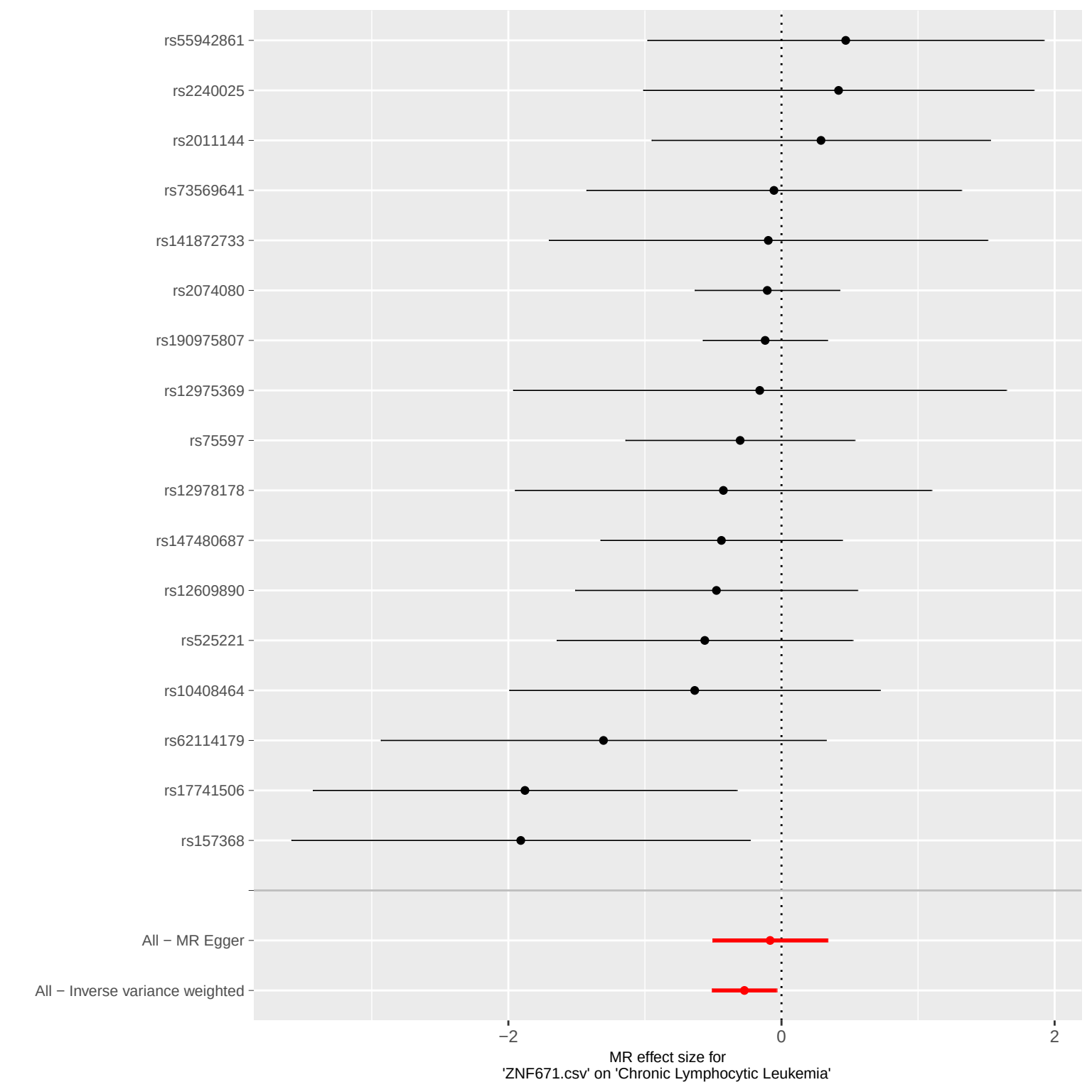
rs144204001
rs78541047
rs2270616
rs73139926
rs61854048
rs11579352
rs112474547
rs79065720
rs72768402
rs61854860
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZNF669.csv' on 'Chronic Lymphocytic Leukemia'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rs75597
rs12978178
rs147480687
rs12609890
rs525221
rs10408464
rs62114179
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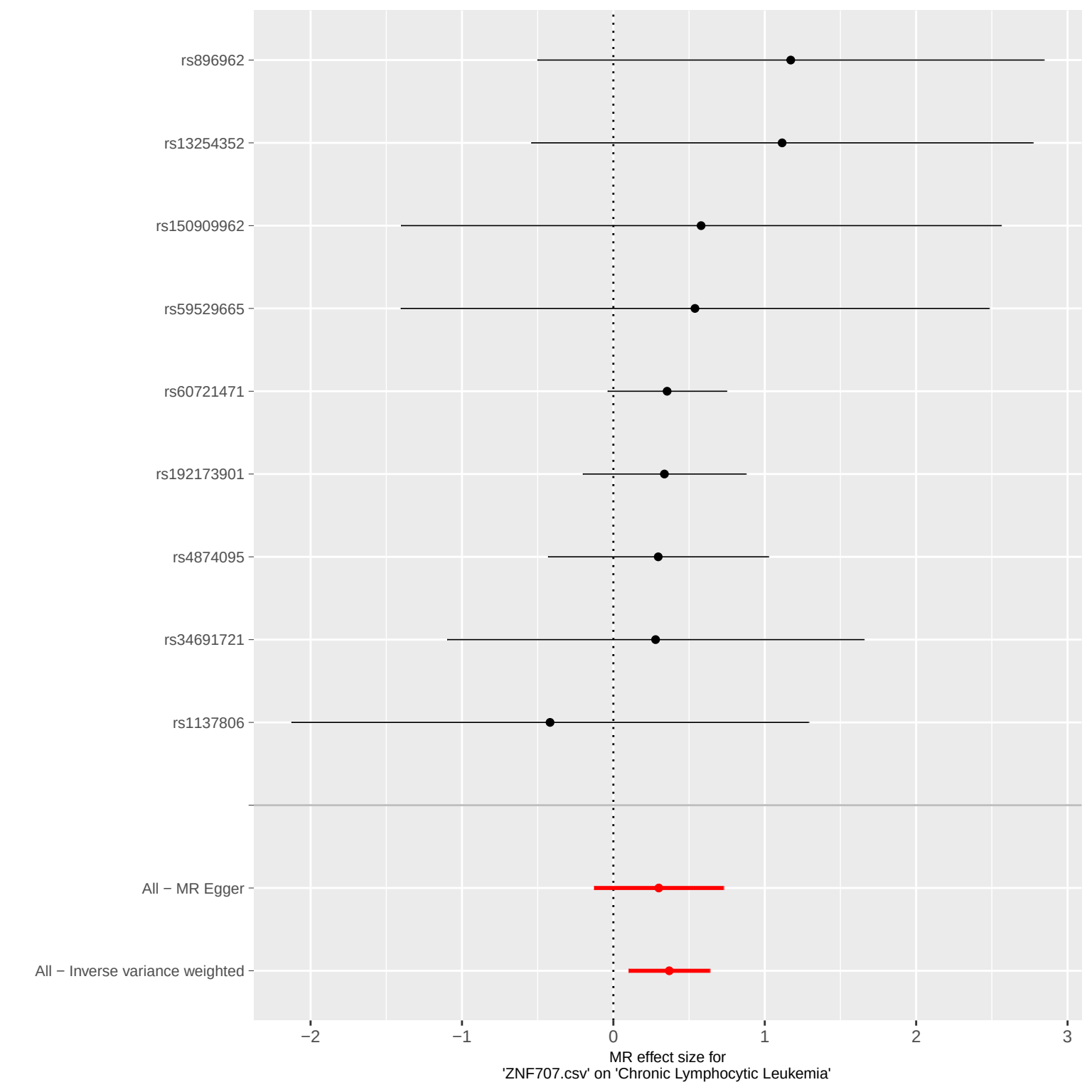
rs157368
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF671.csv' on 'Chronic Lymphocytic Leukemia'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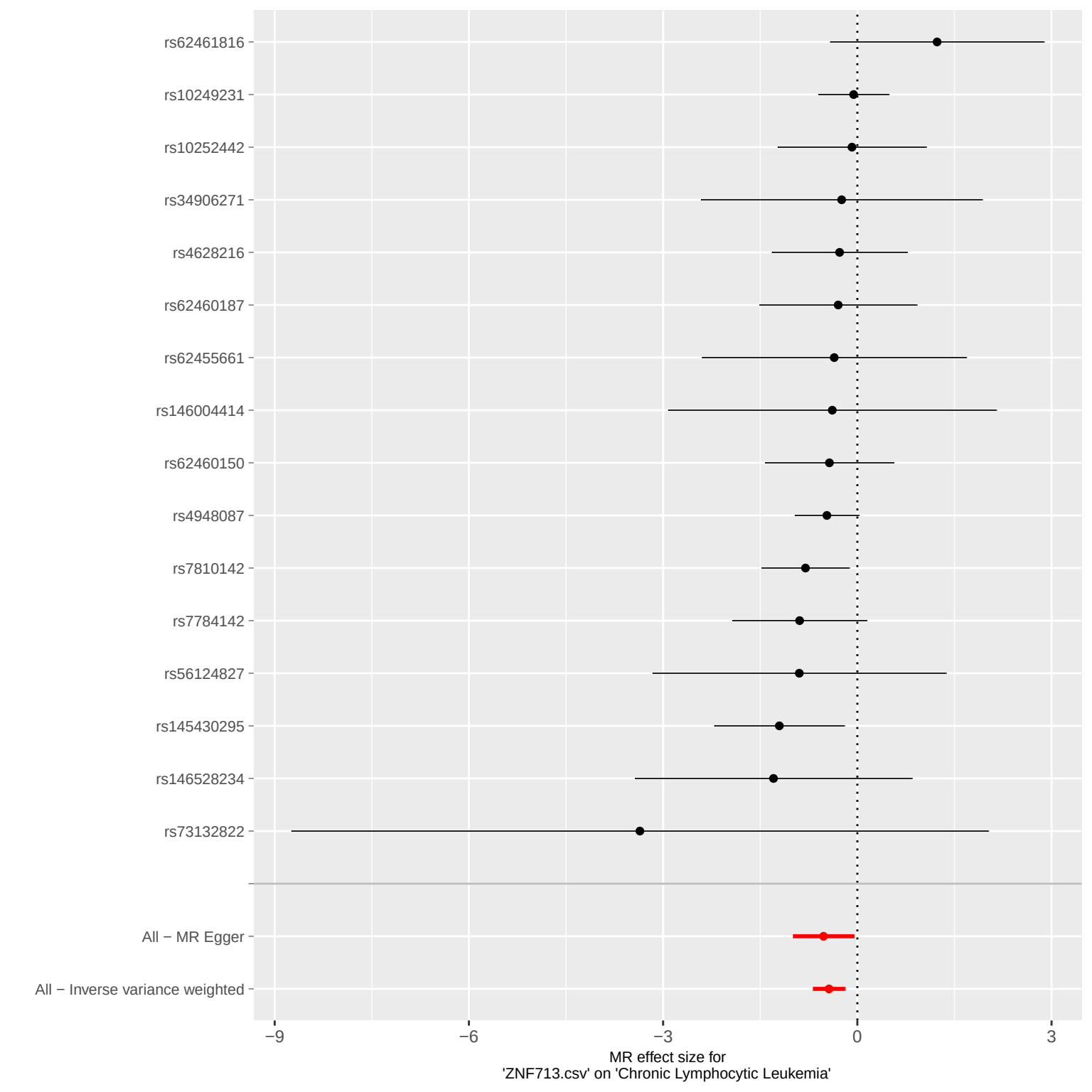
rs60721471
rs192173901
rs4874095
rs34691721
rs1137806
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'ZNF707.csv' on 'Chronic Lymphocytic Leukemia'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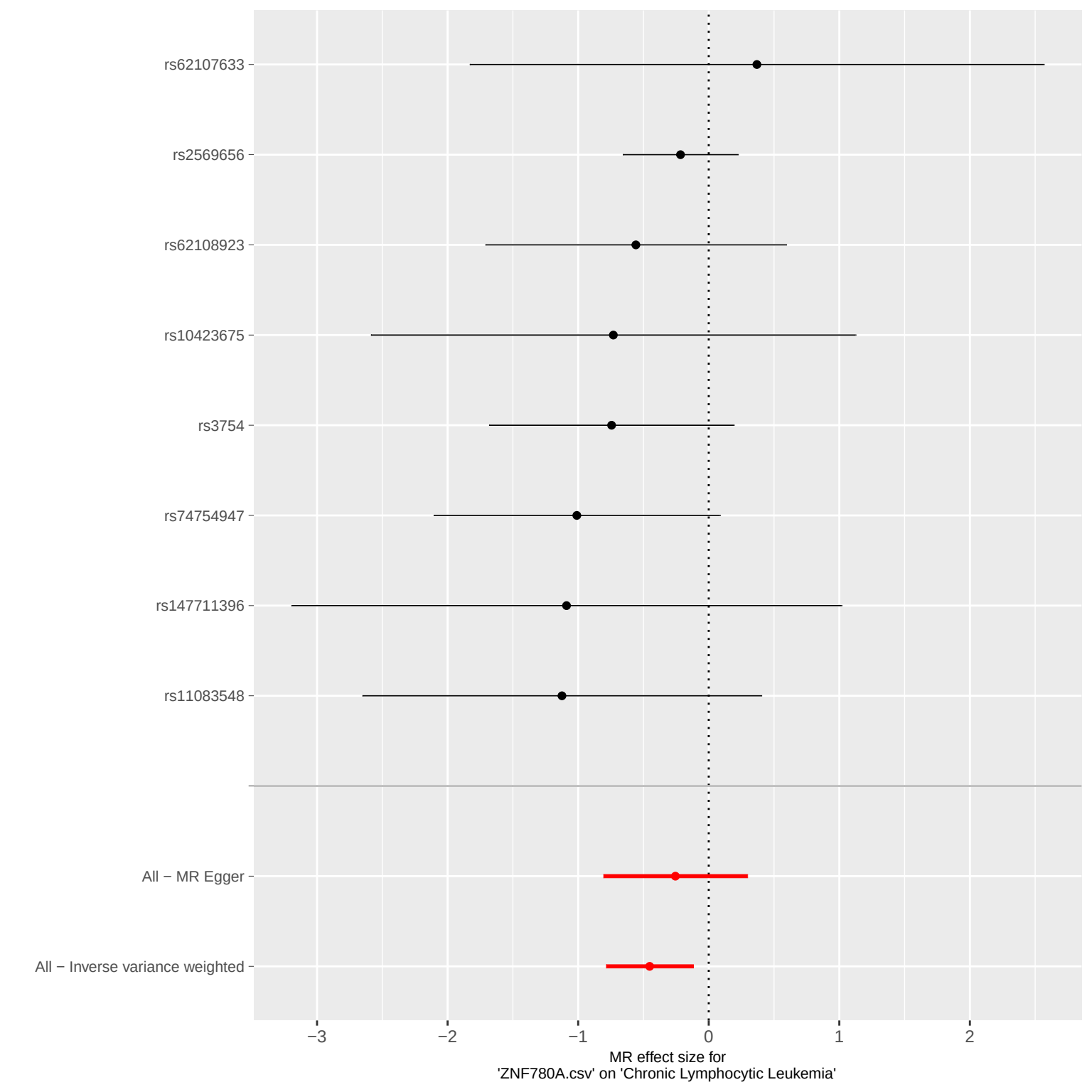
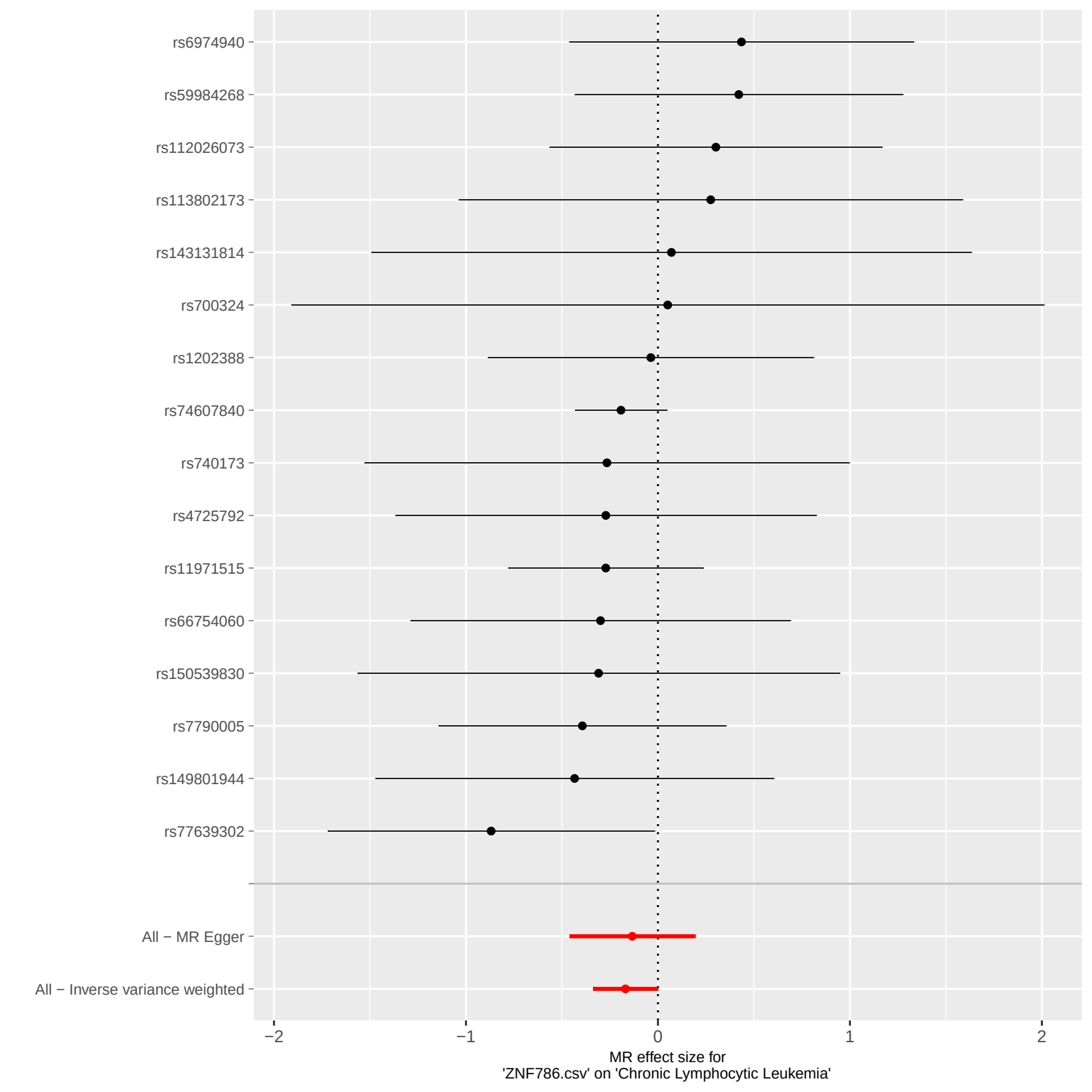
rs146004414
rs62460150
rs4948087
rs7810142
rs7784142
rs56124827
rs145430295
rs146528234
rs73132822
All − MR Egger
All − Inverse variance weighted
−9
−6
−3
0
3
MR effect size for
'ZNF713.csv' on 'Chronic Lymphocytic Leukemia'


rs62107633
rs2569656
rs62108923
rs10423675
rs3754
rs74754947
rs147711396
rs11083548
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'ZNF780A.csv' on 'Chronic Lymphocytic Leukemia'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rs74607840
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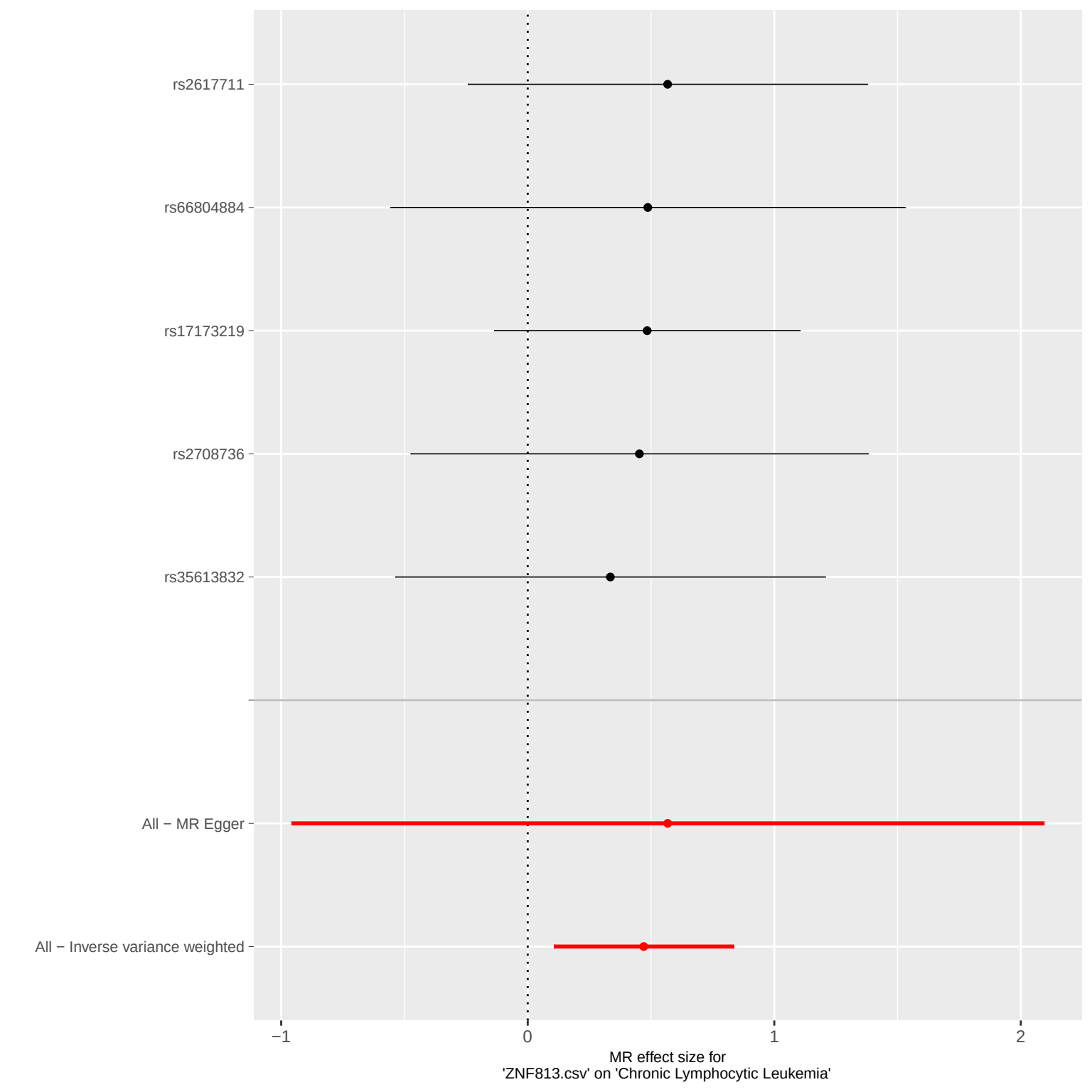
rs11971515
rs66754060
rs150539830
rs7790005
rs149801944
rs77639302
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'ZNF786.csv' on 'Chronic Lymphocytic Leukemia'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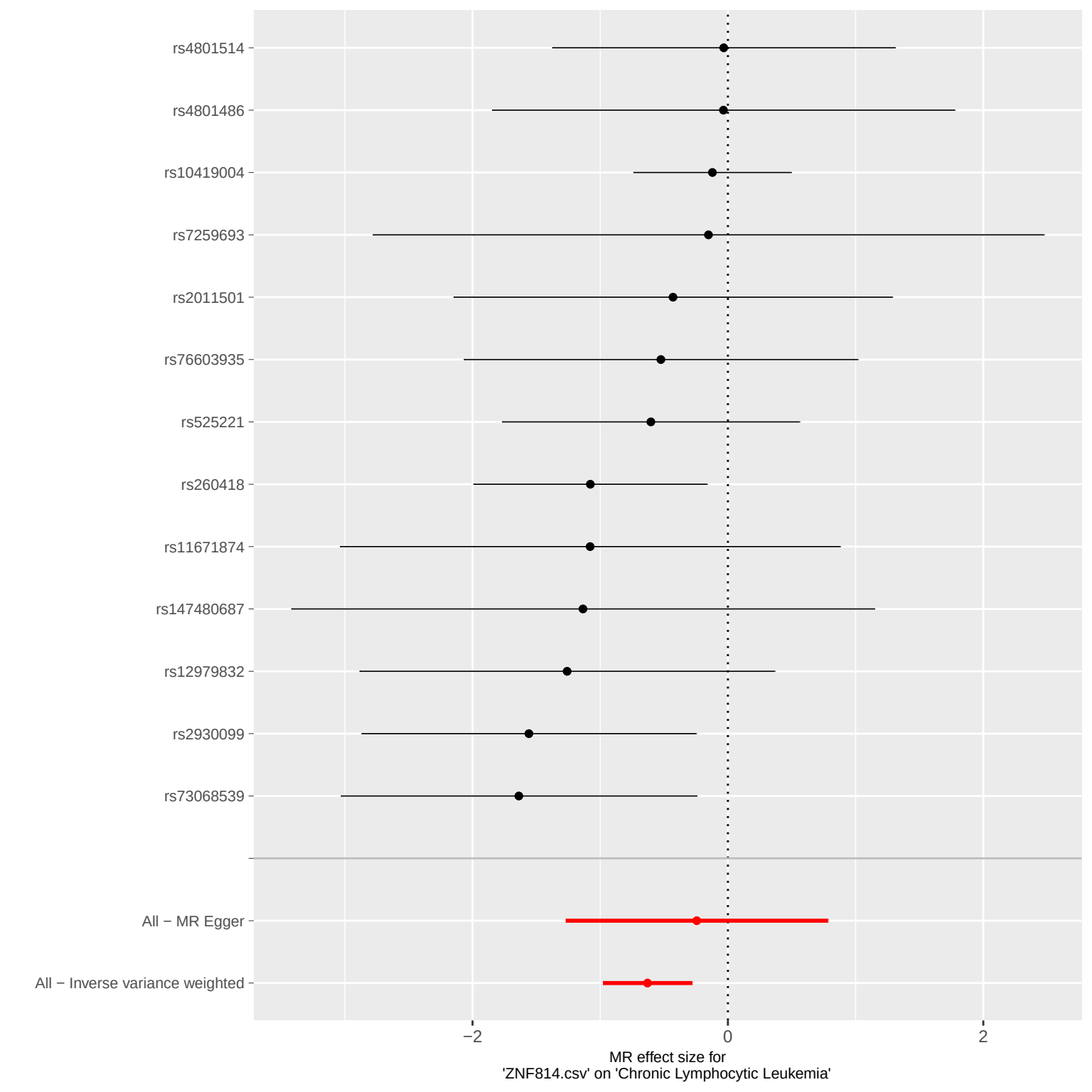
rs17173219
rs2708736
rs35613832
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'ZNF813.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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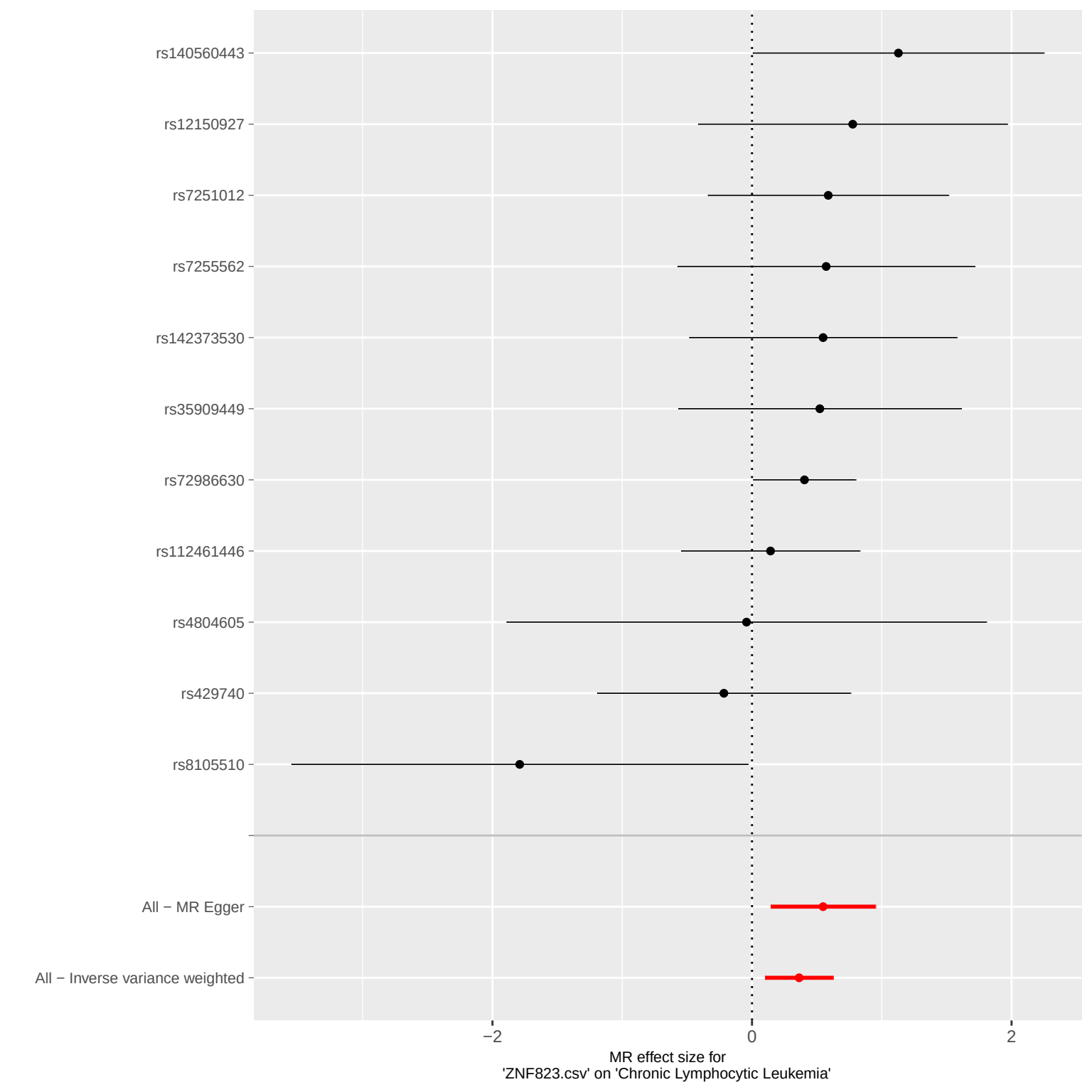
2
MR effect size for
'ZNF814.csv' on 'Chronic Lymphocytic Leukemia'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rs35909449
rs72986630
rs112461446
rs4804605
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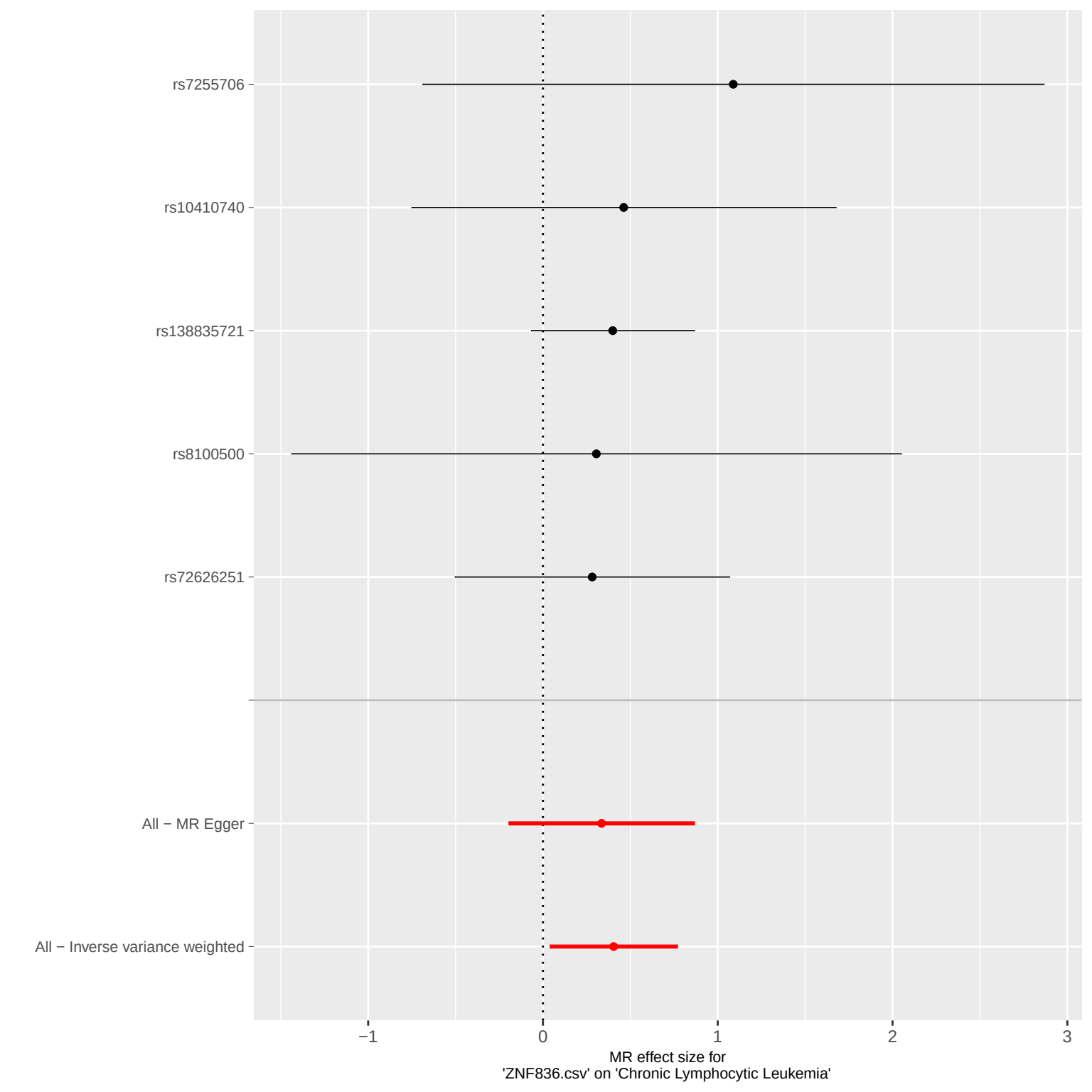
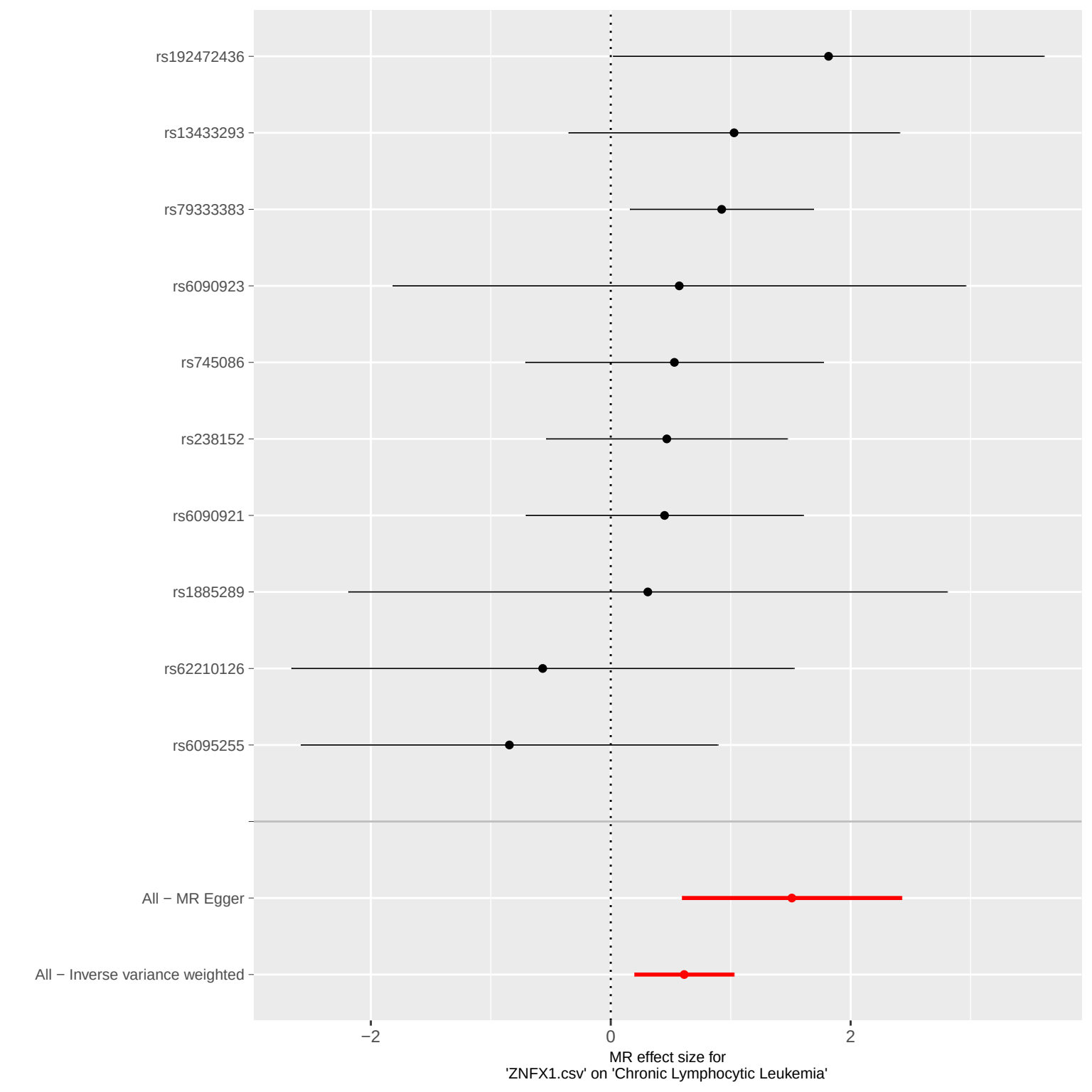
rs8105510
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNF823.csv' on 'Chronic Lymphocytic Leukemia'


rs7255706
rs10410740
rs138835721
rs8100500
rs72626251
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'ZNF836.csv' on 'Chronic Lymphocytic Leukemia'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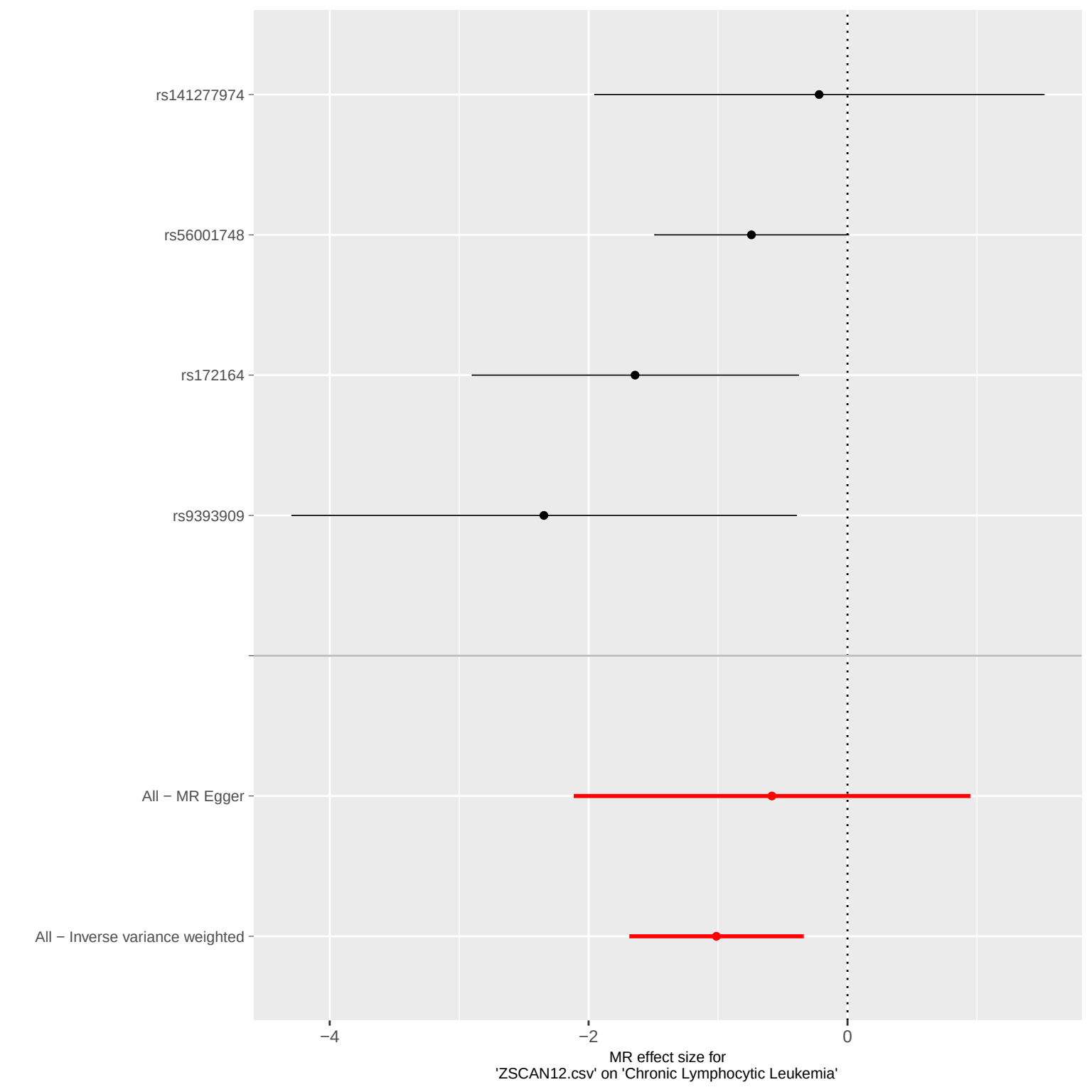
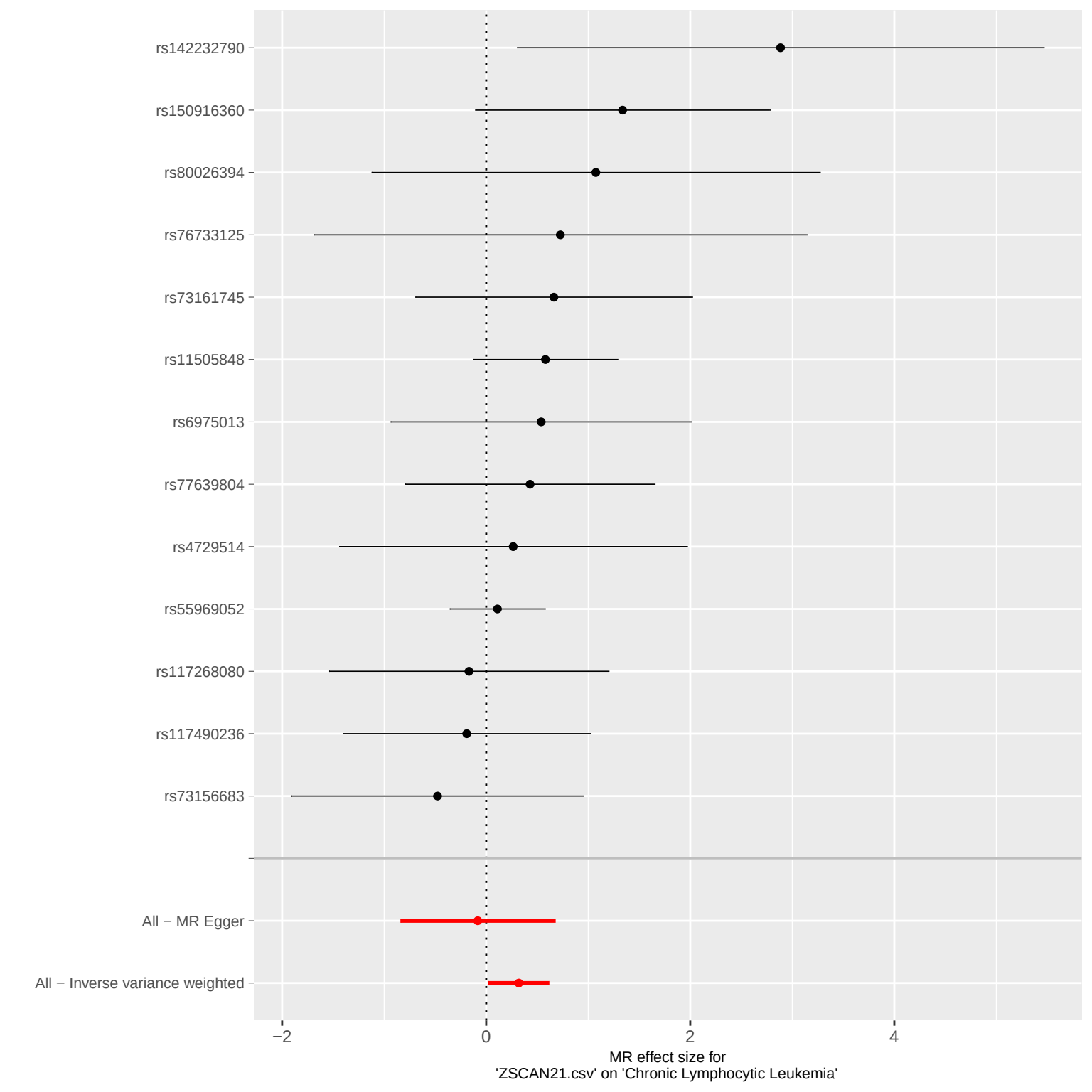
rs13433293
rs79333383
rs6090923
rs745086
rs238152
rs6090921
rs1885289
rs62210126
rs6095255
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'ZNFX1.csv' on 'Chronic Lymphocytic Leukemia'


rs141277974
rs56001748
rs172164
rs9393909
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'ZSCAN12.csv' on 'Chronic Lymphocytic Leukemia'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rs77639804
rs4729514
rs55969052
rs117268080
rs117490236
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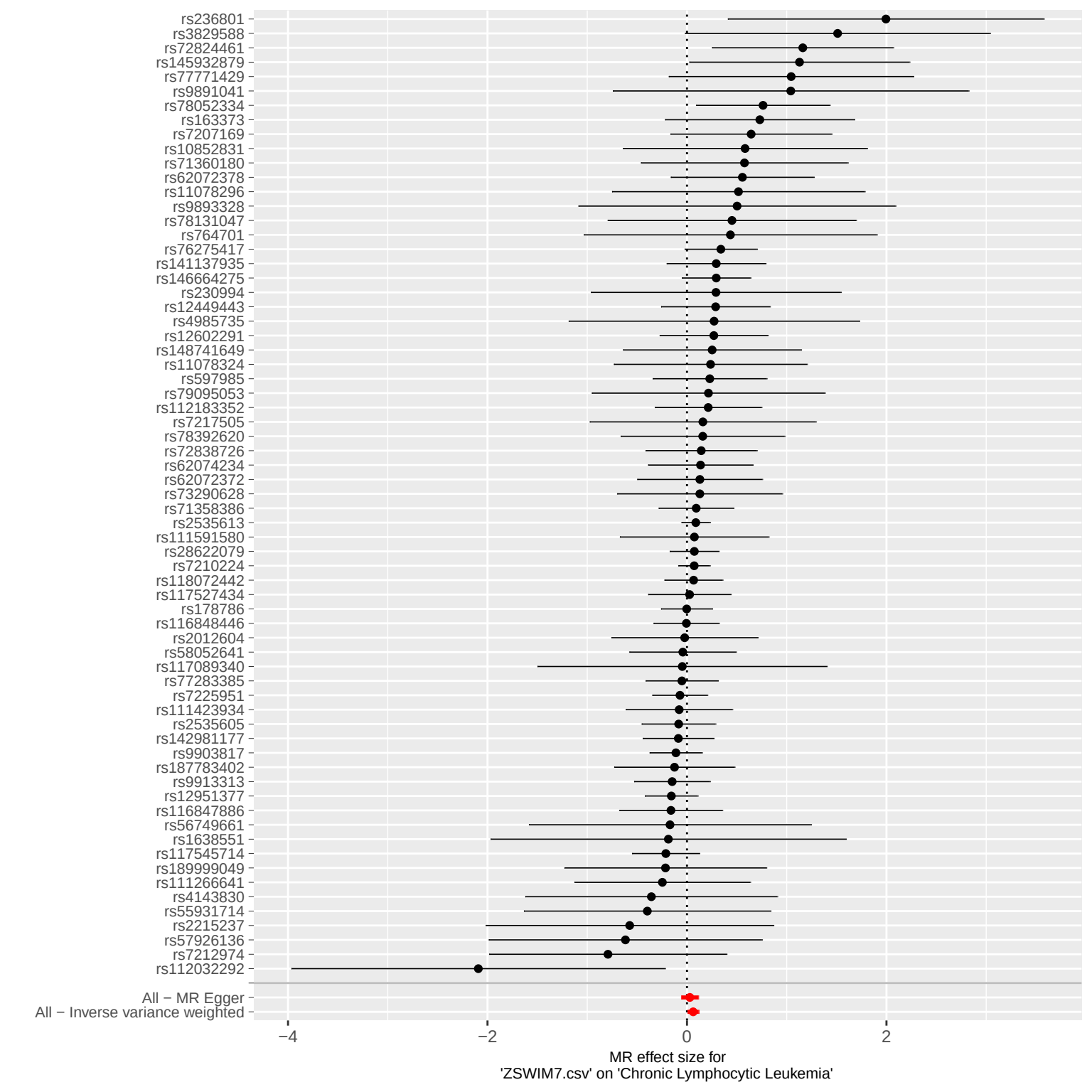
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'ZSCAN21.csv' on 'Chronic Lymphocytic Leukemia'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rs62072378
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MR effect size for
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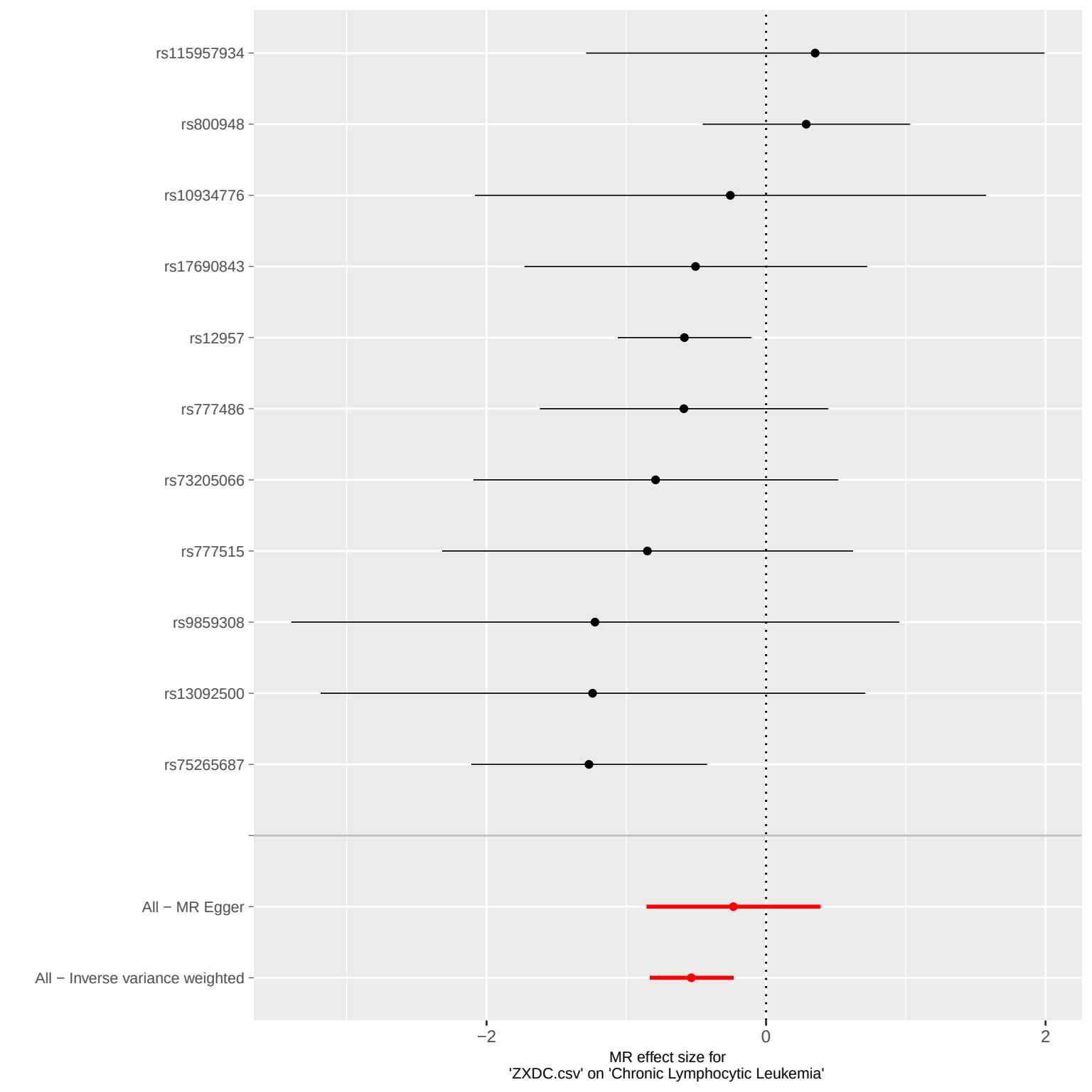
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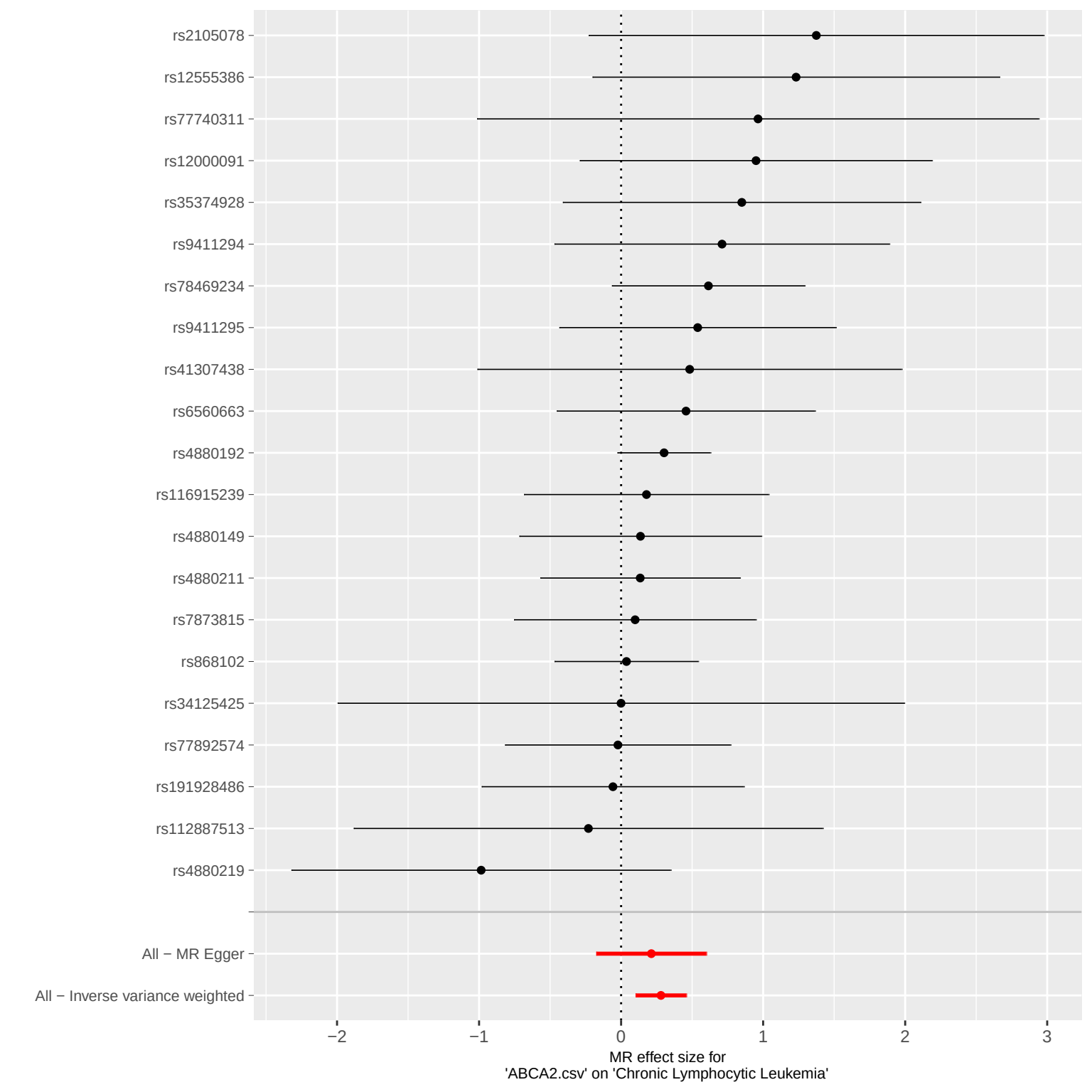
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MR effect size for
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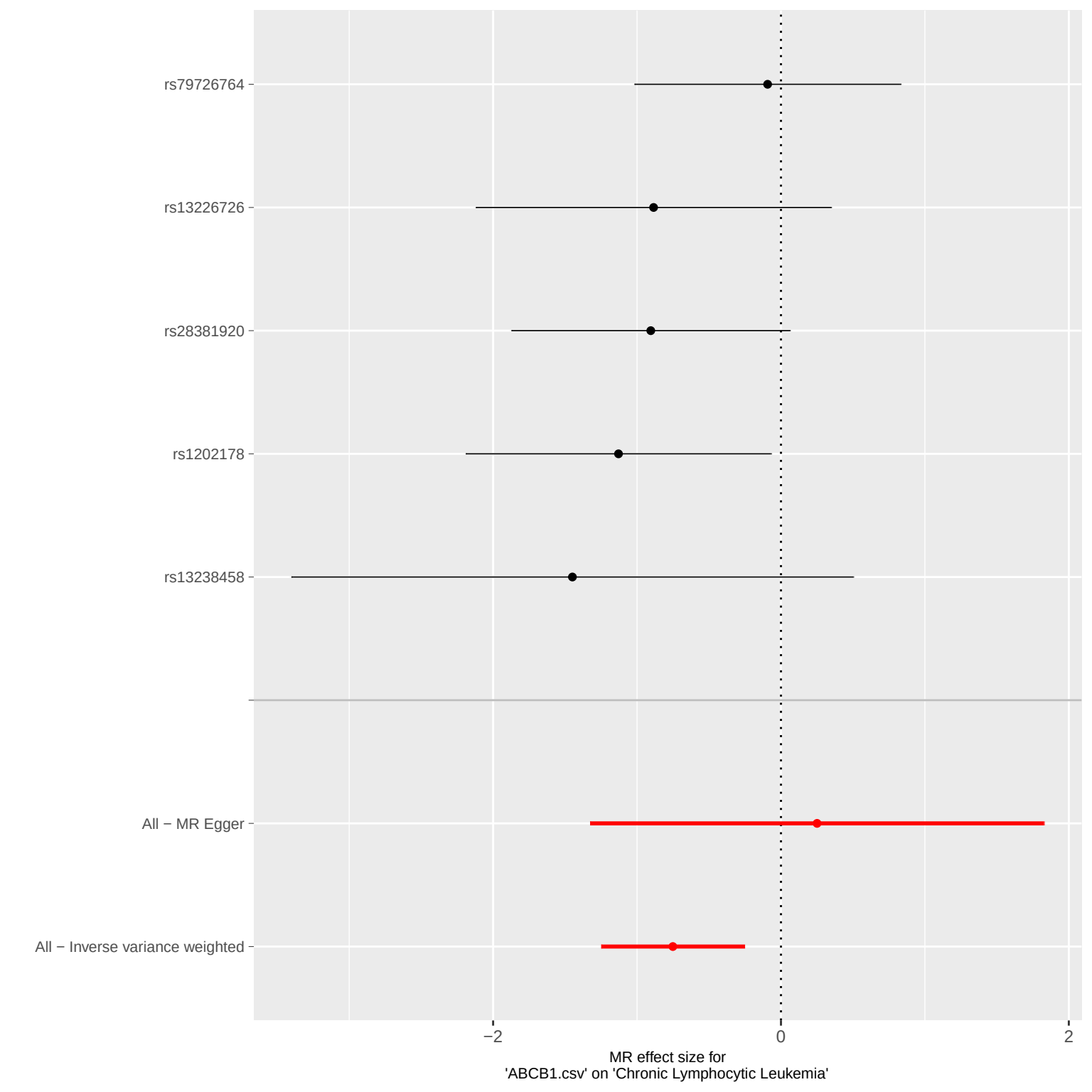
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MR effect size for
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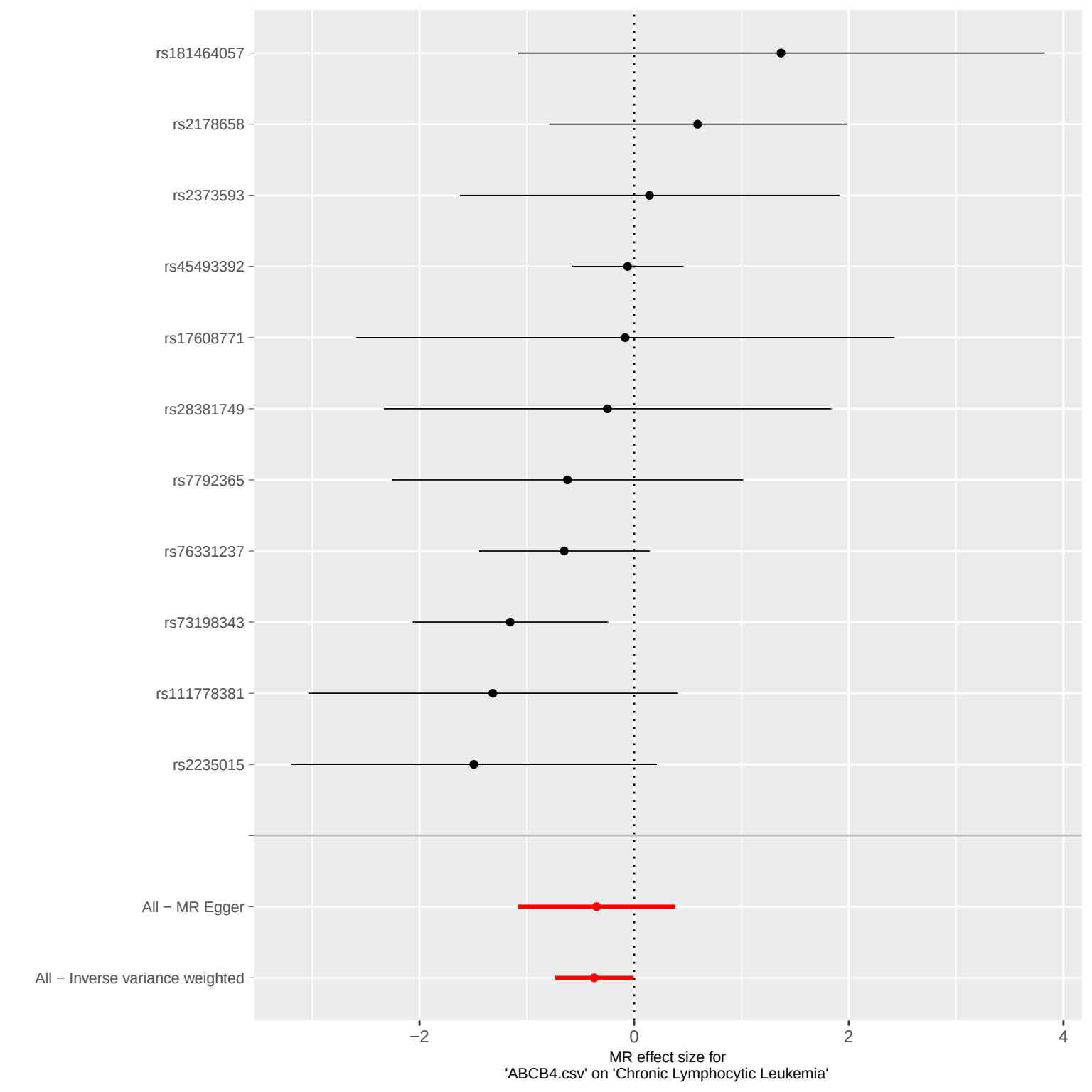
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MR effect size for
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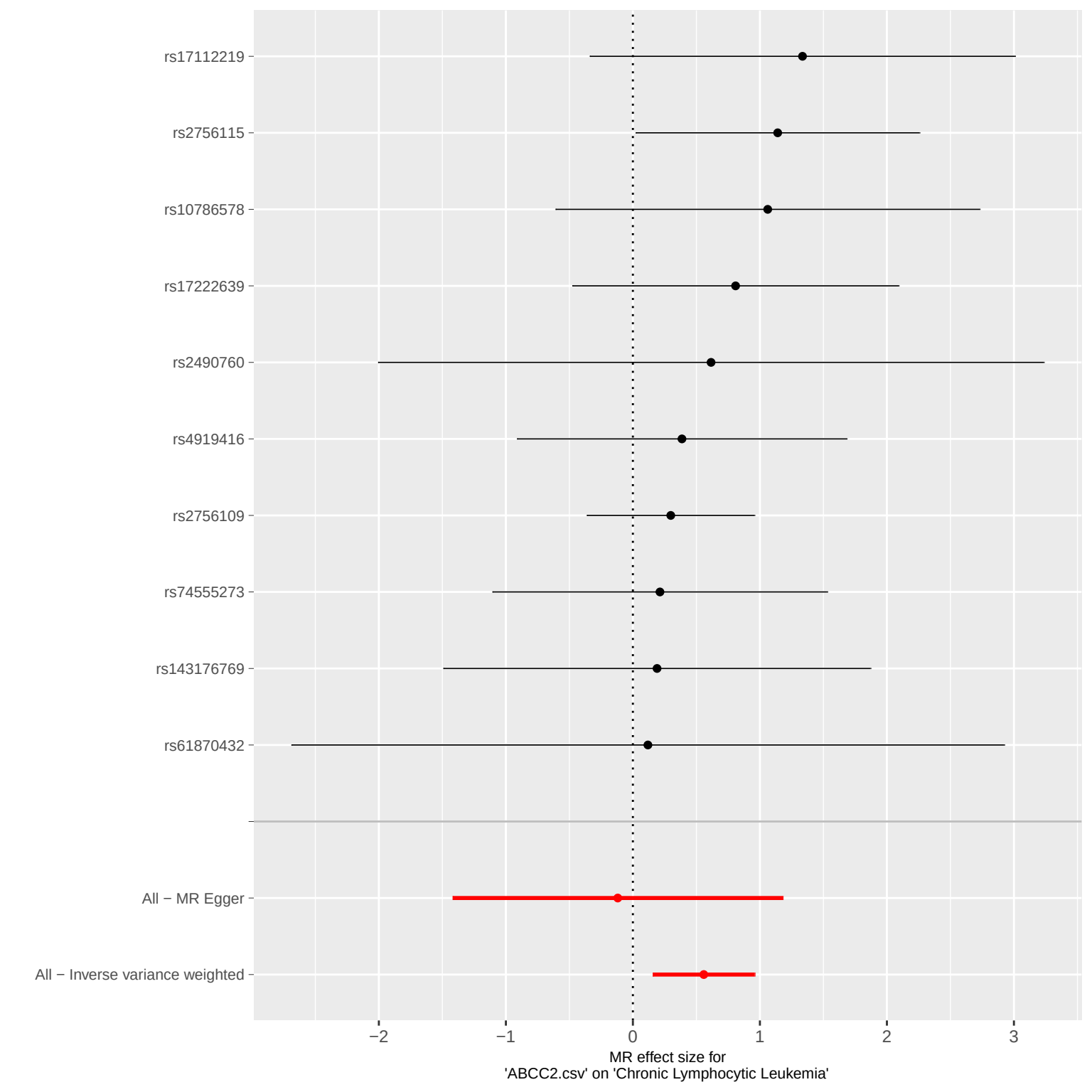
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2
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MR effect size for
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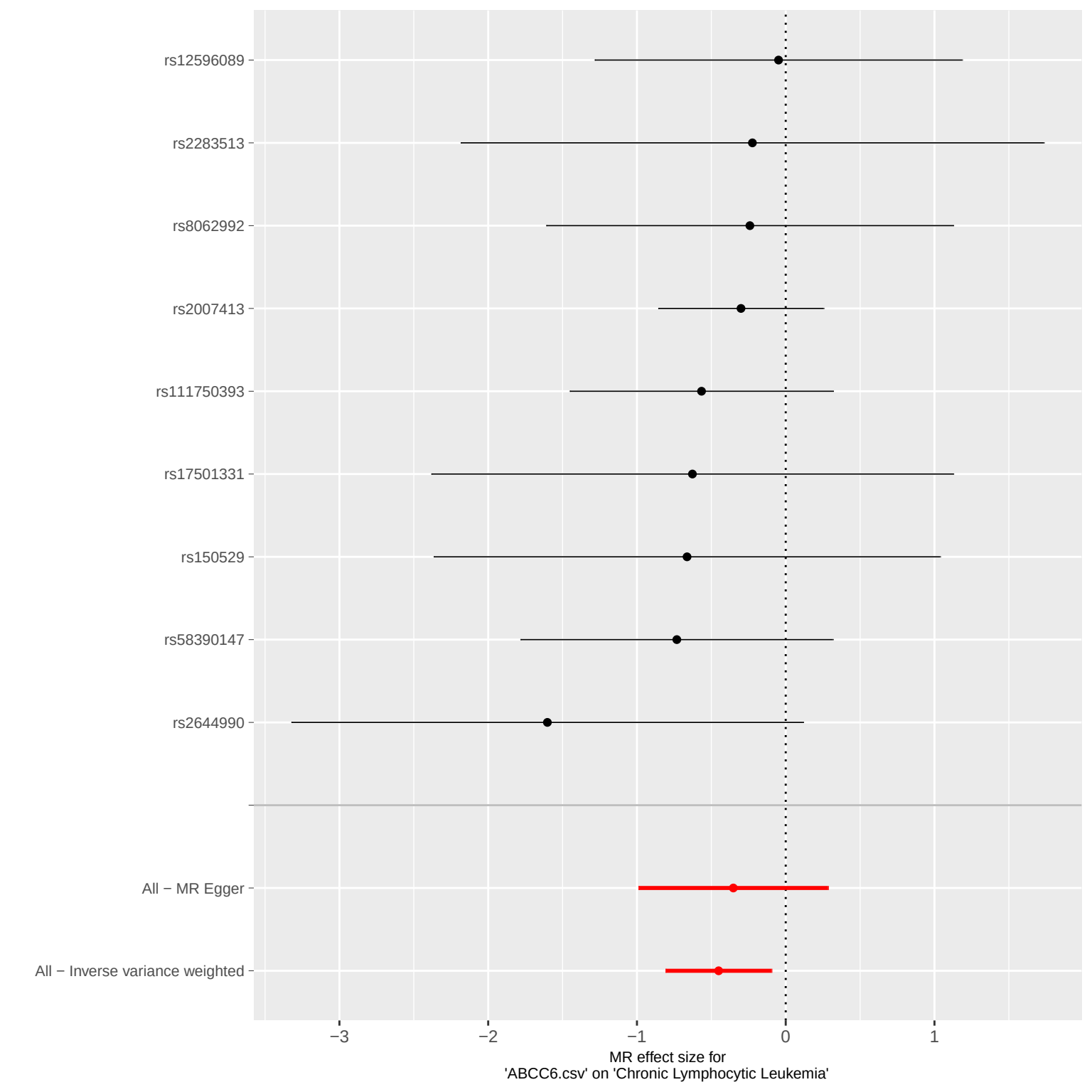
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MR effect size for
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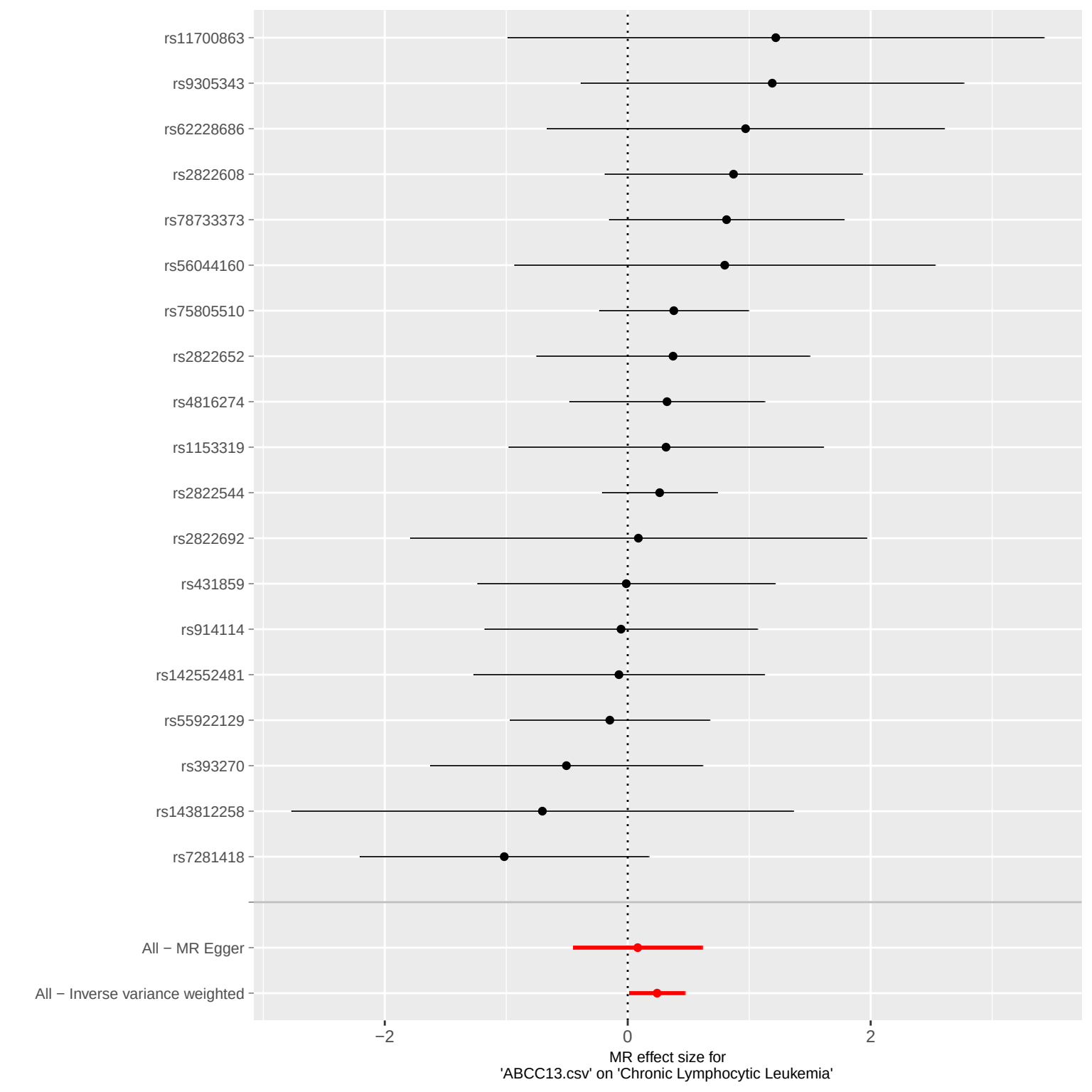
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All − Inverse variance weighted
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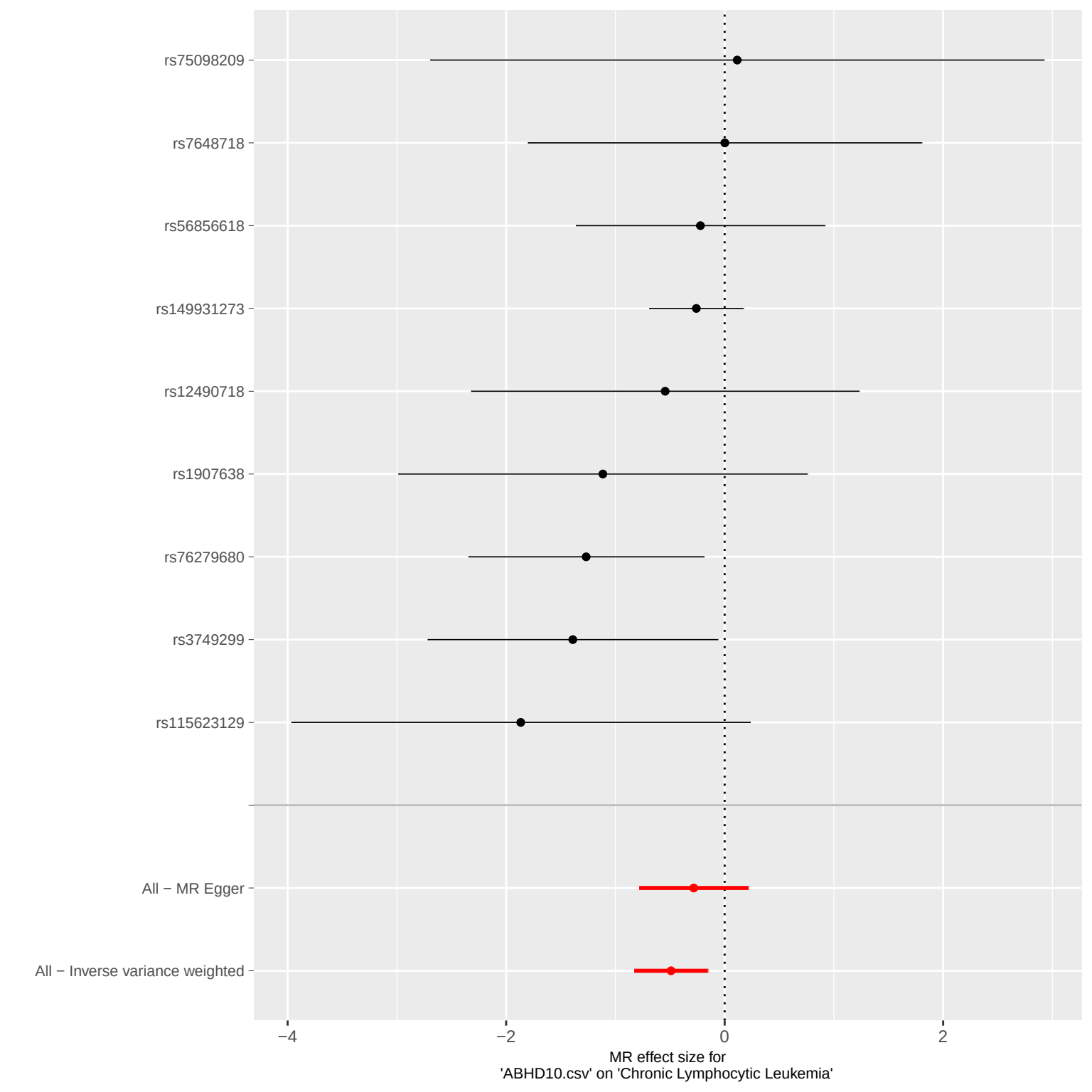
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MR effect size for
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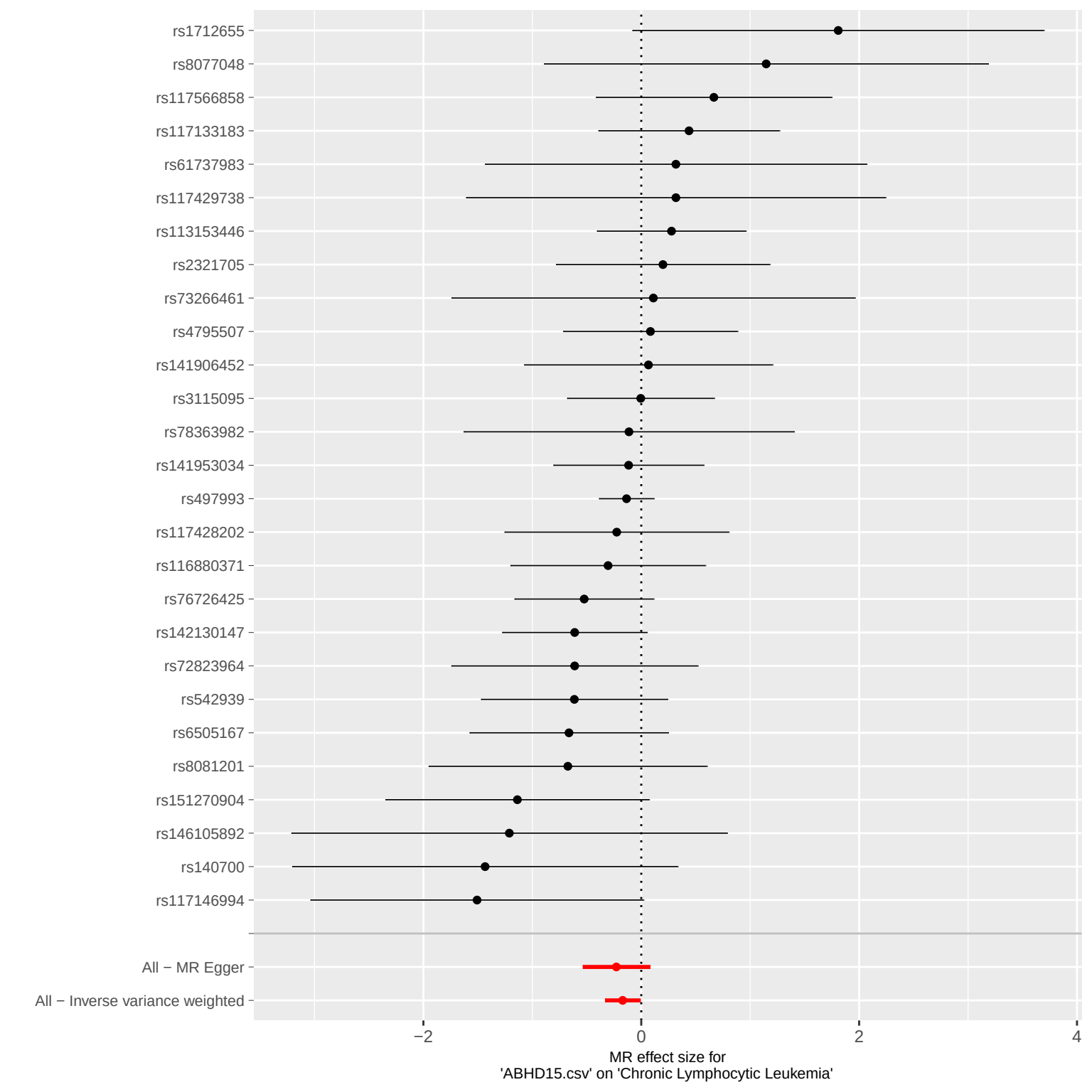
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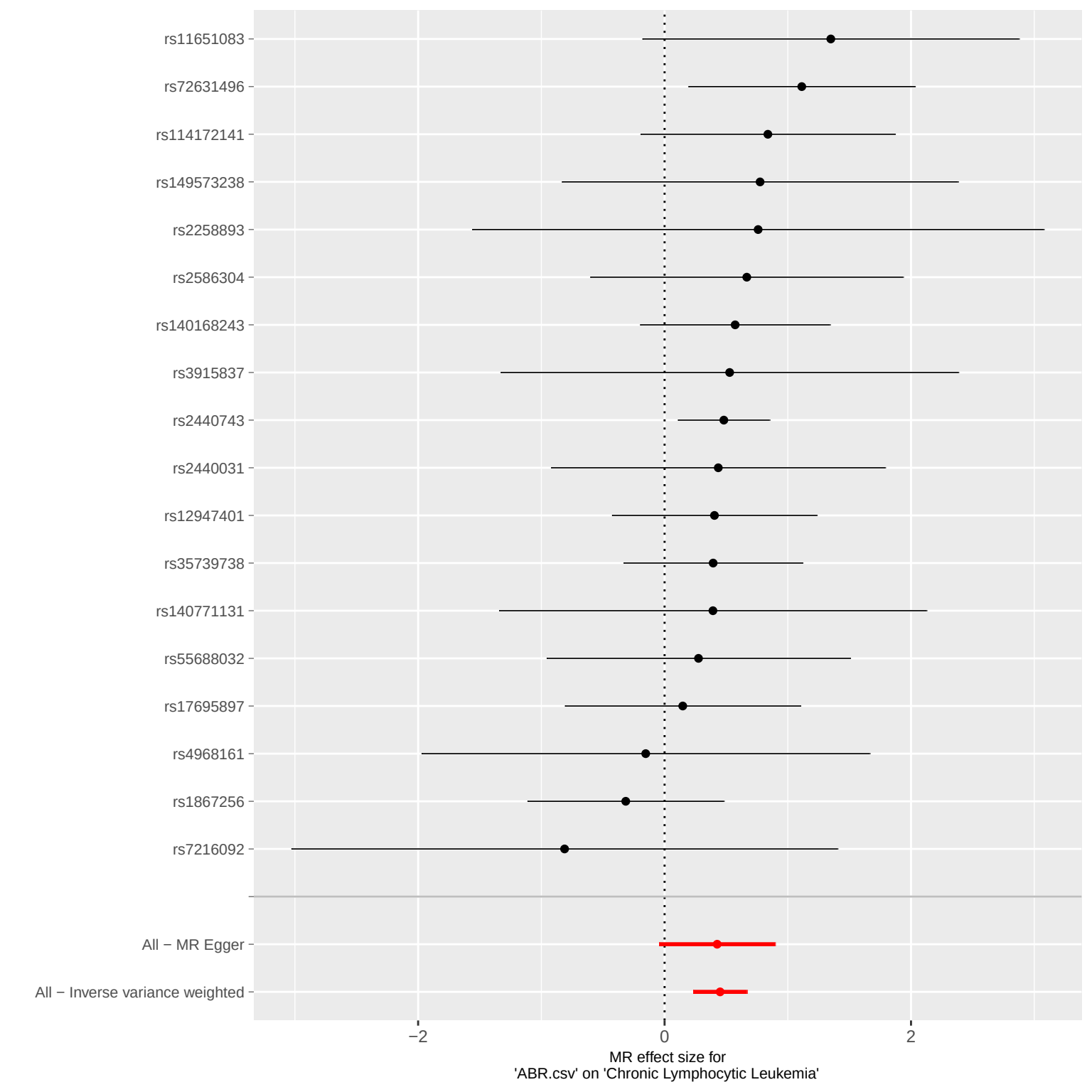
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MR effect size for
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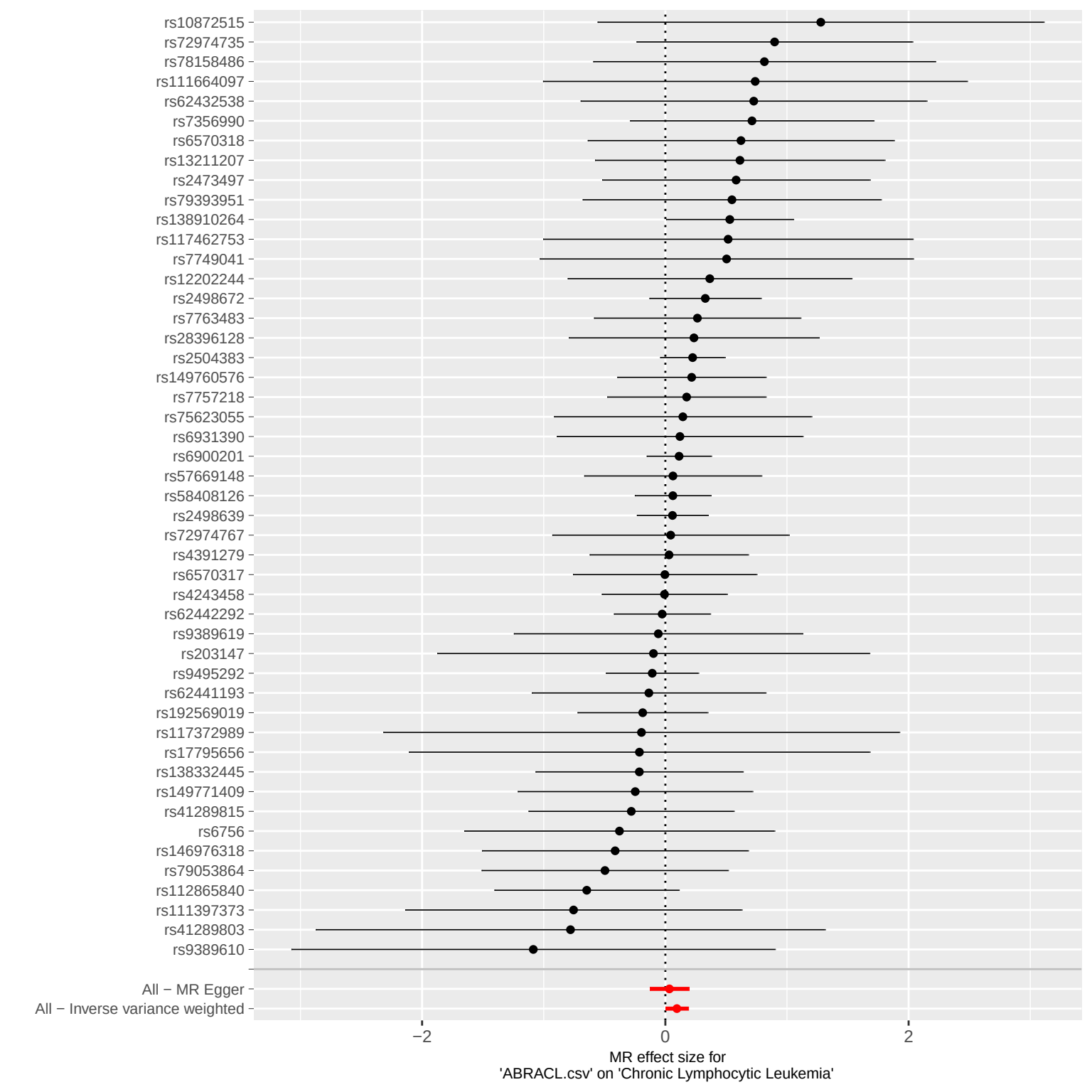
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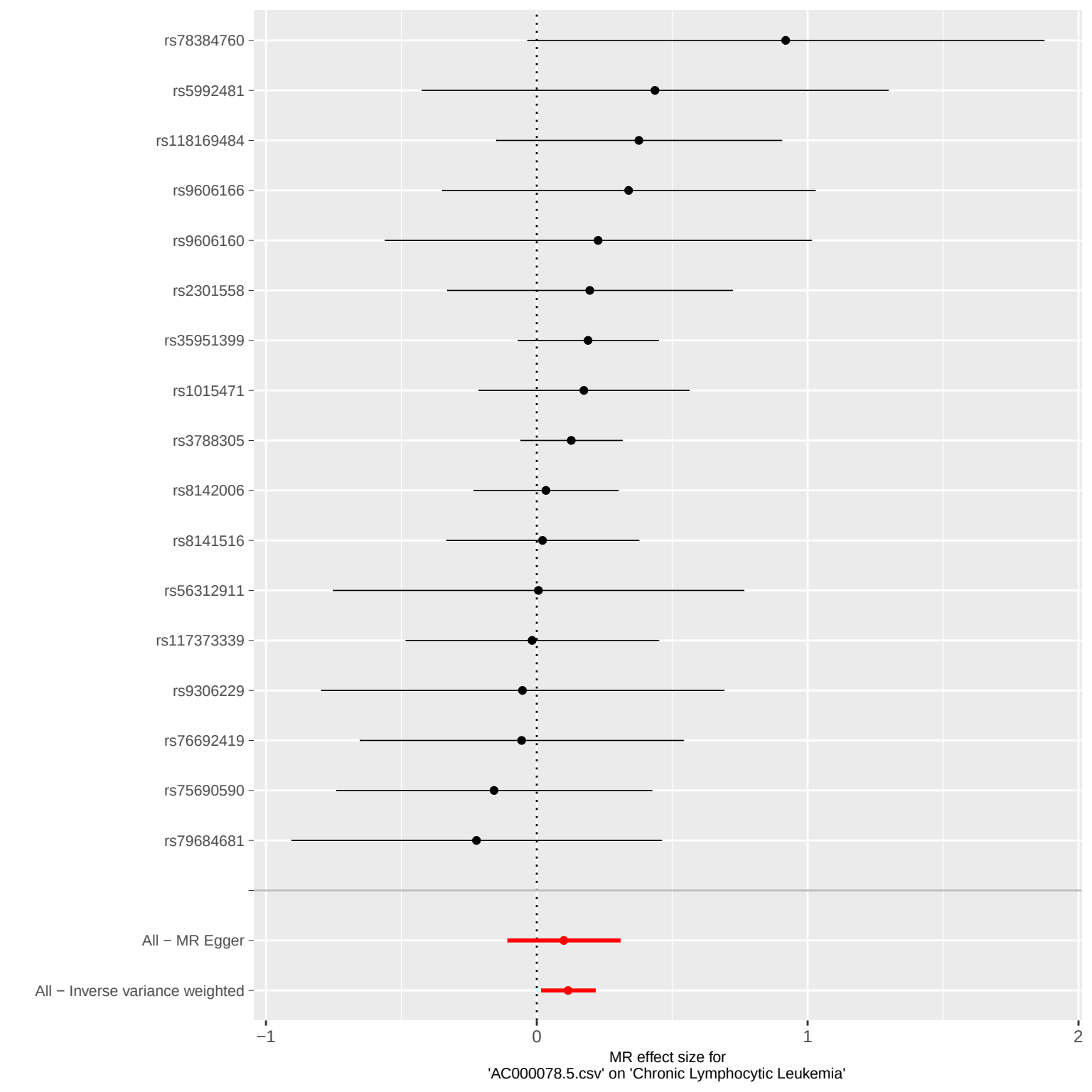
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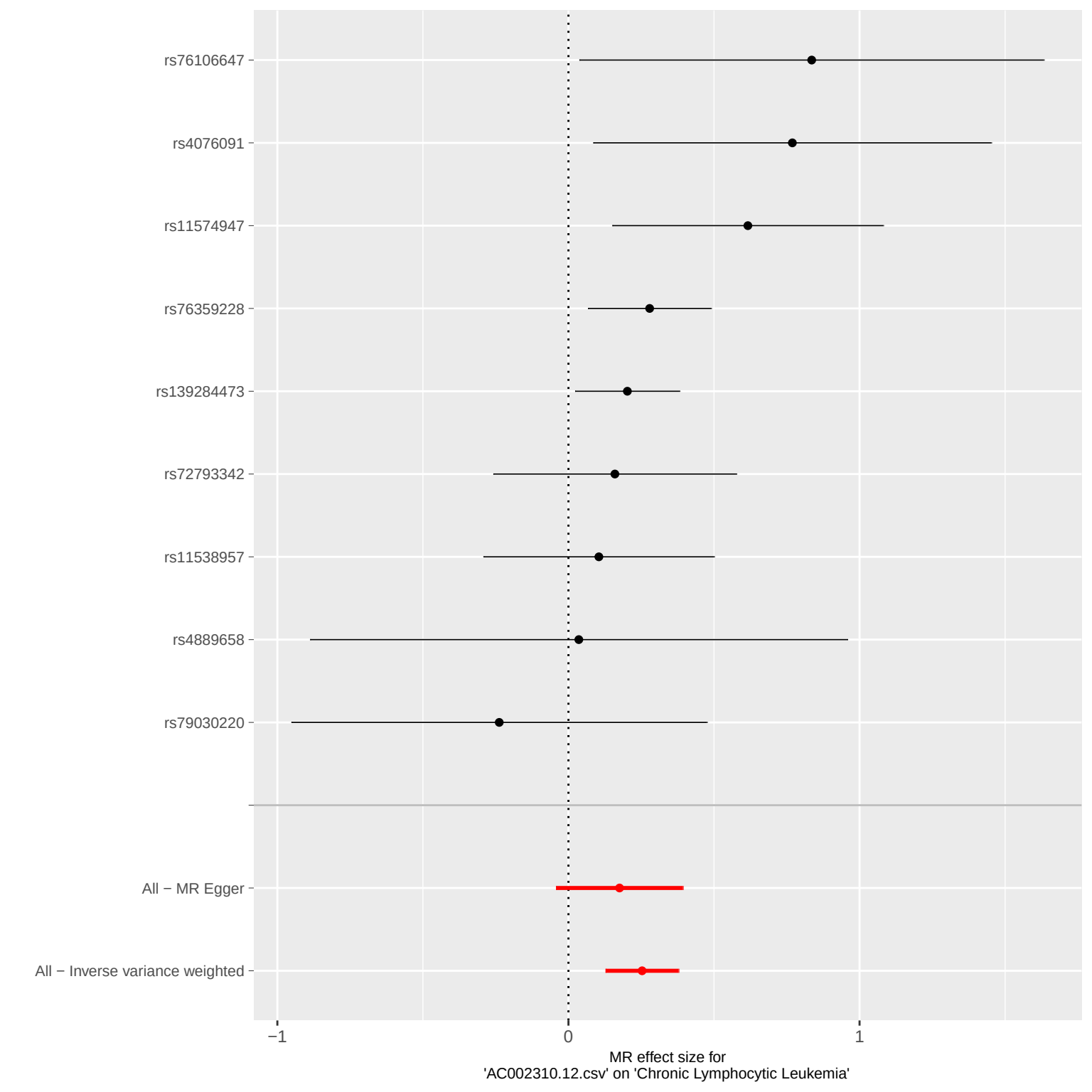
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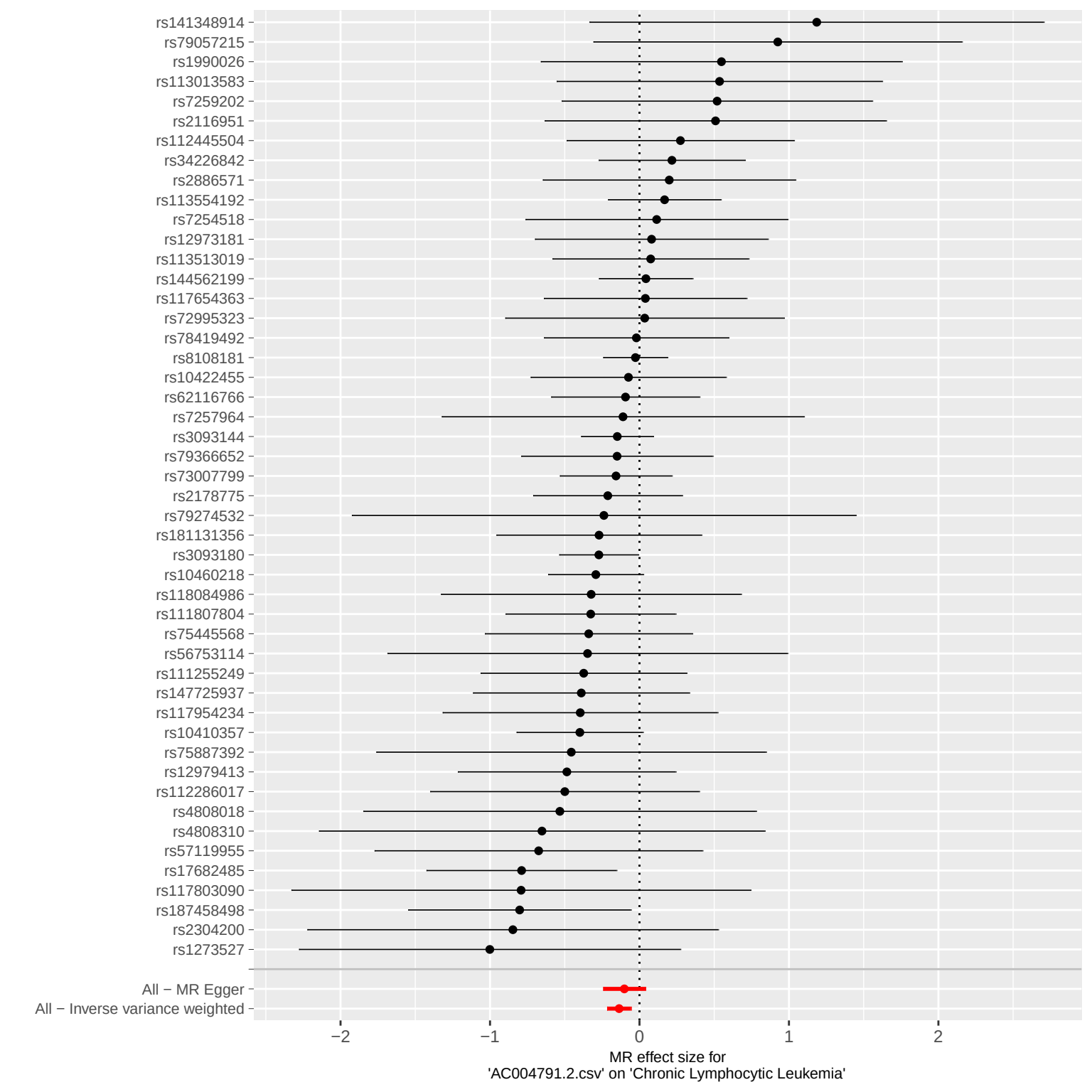
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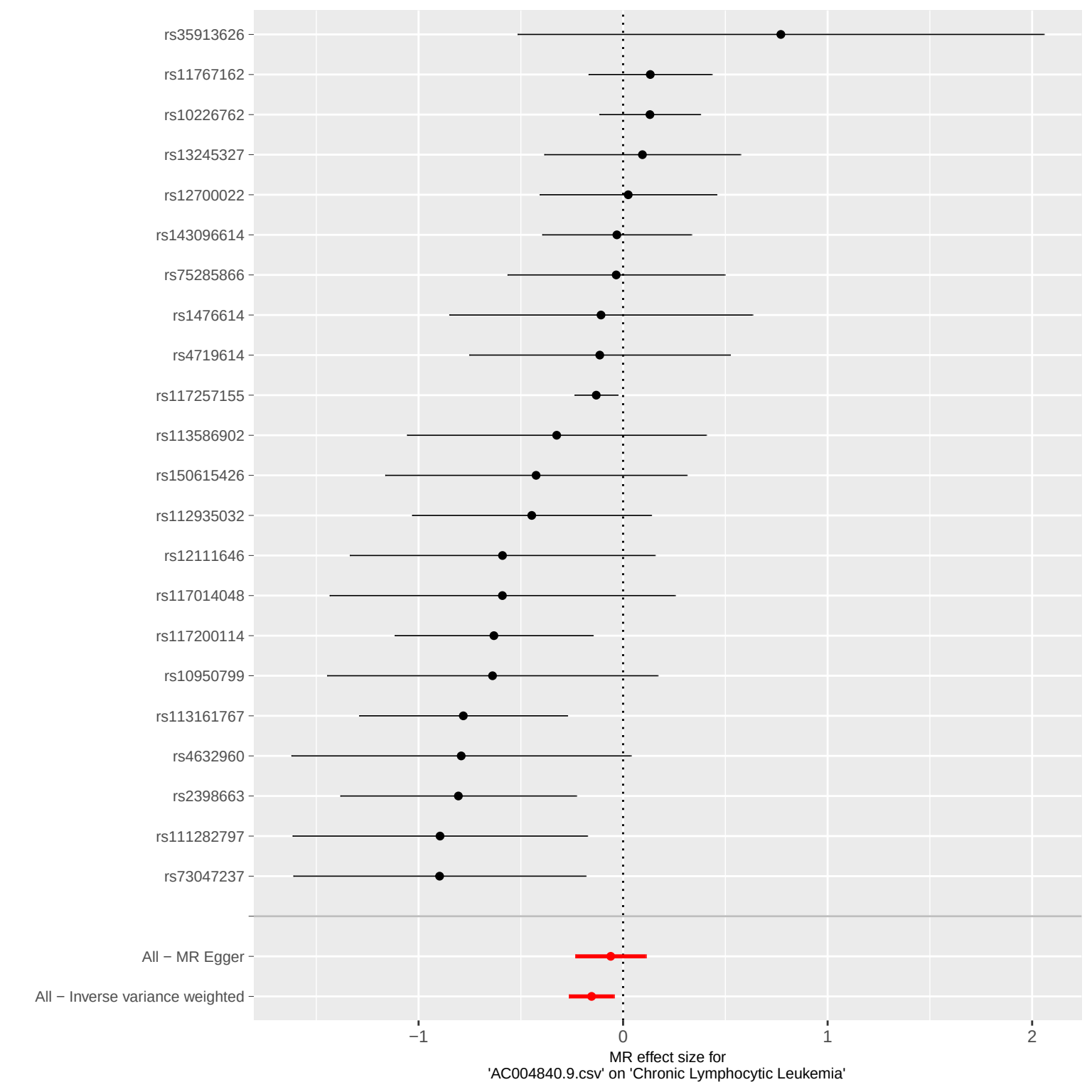
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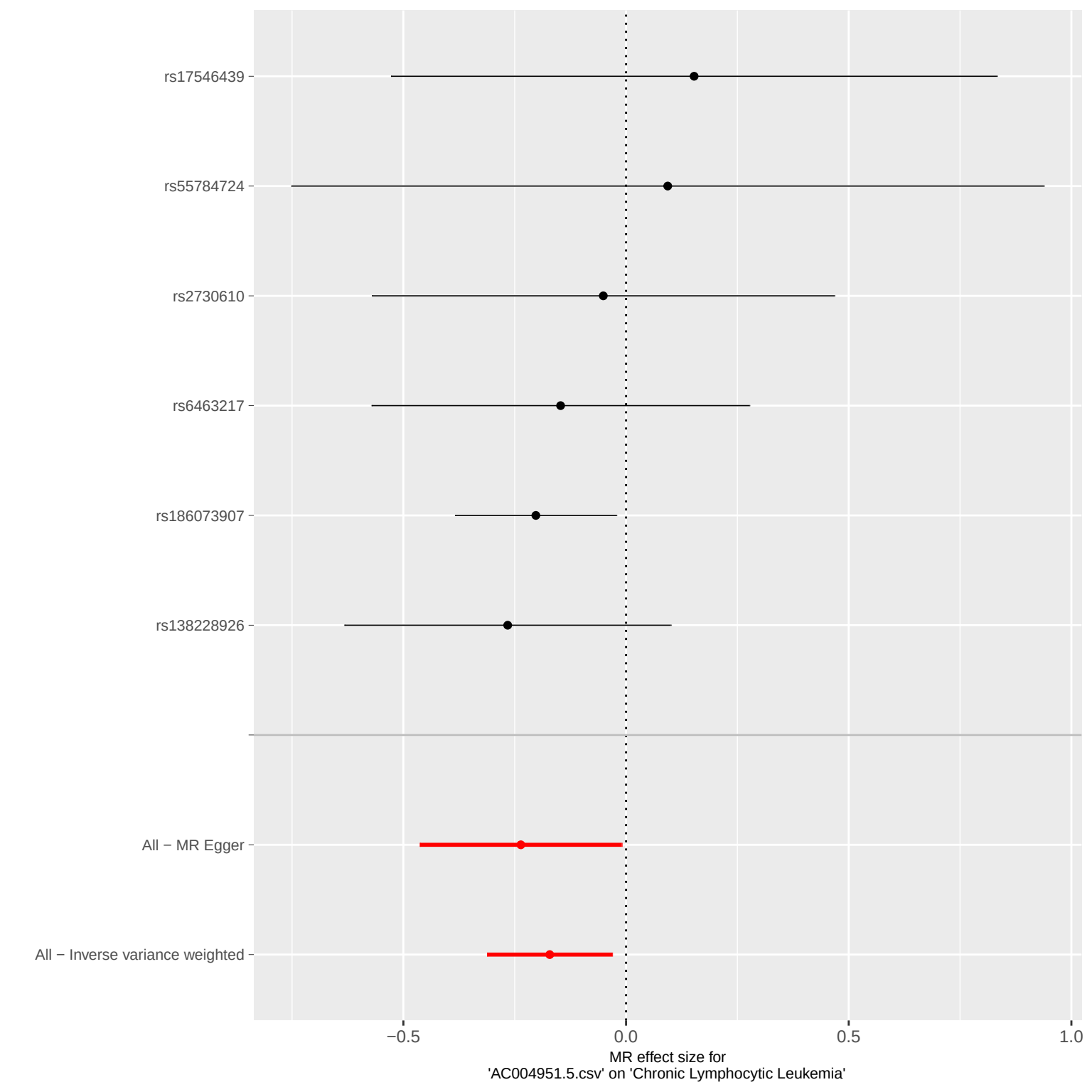
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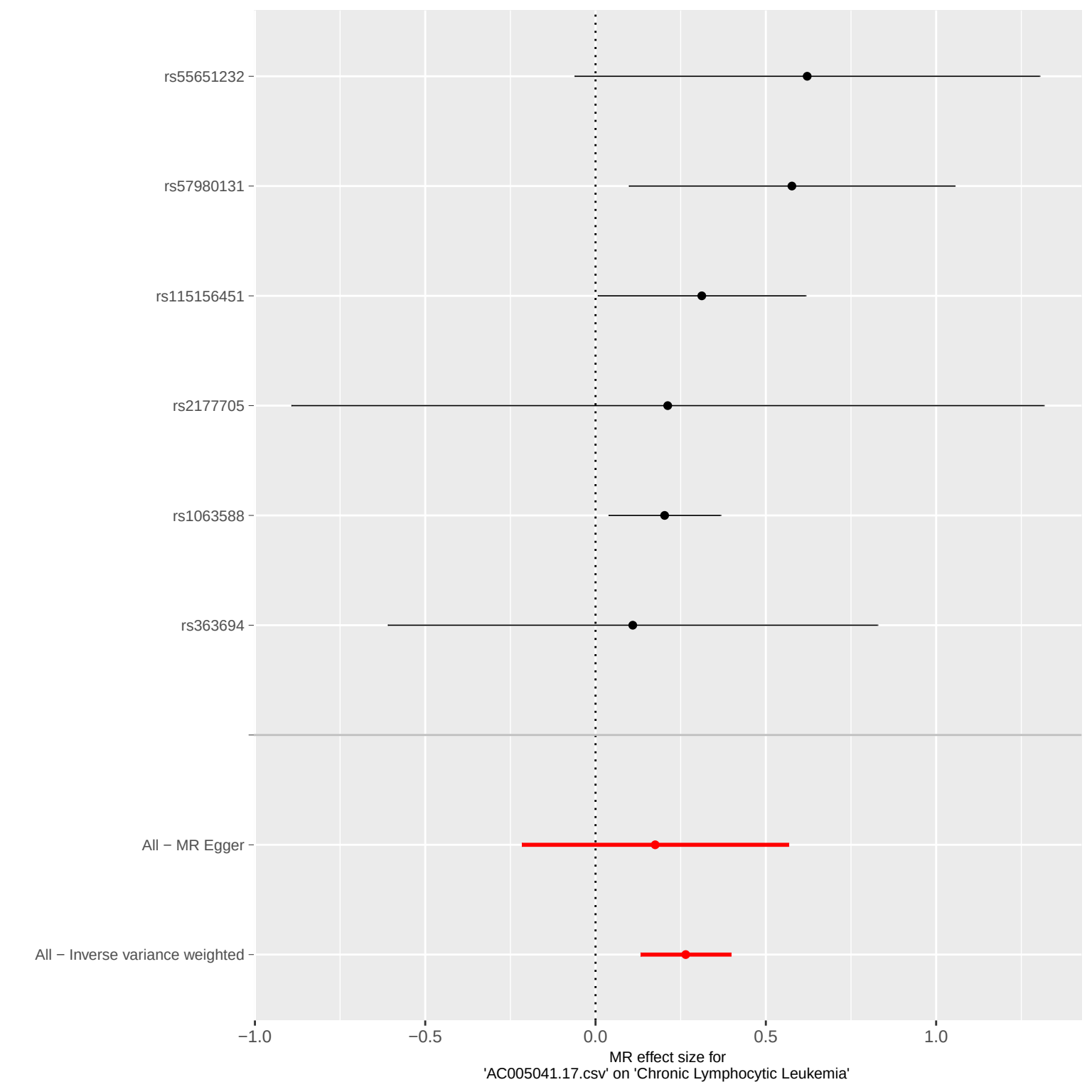
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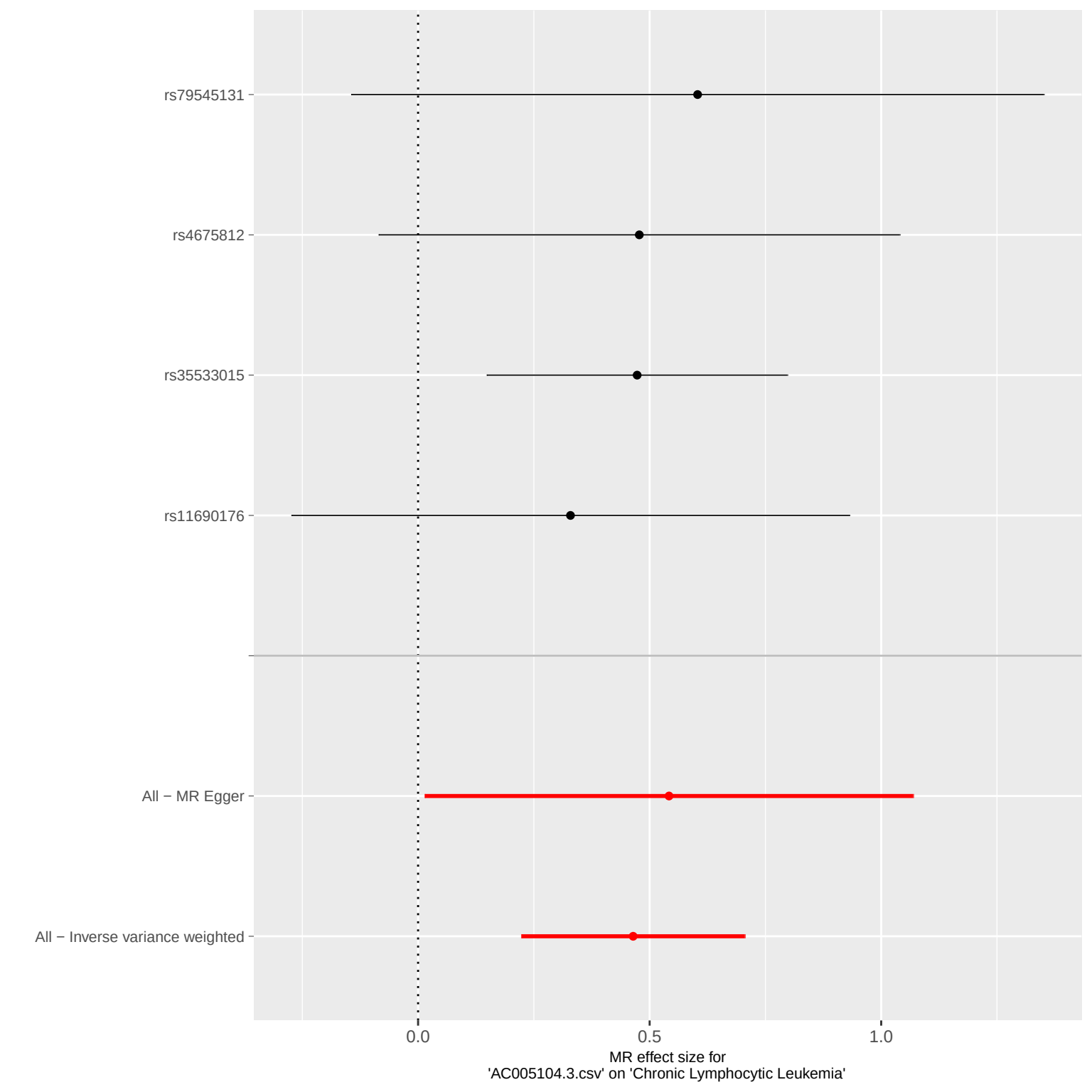
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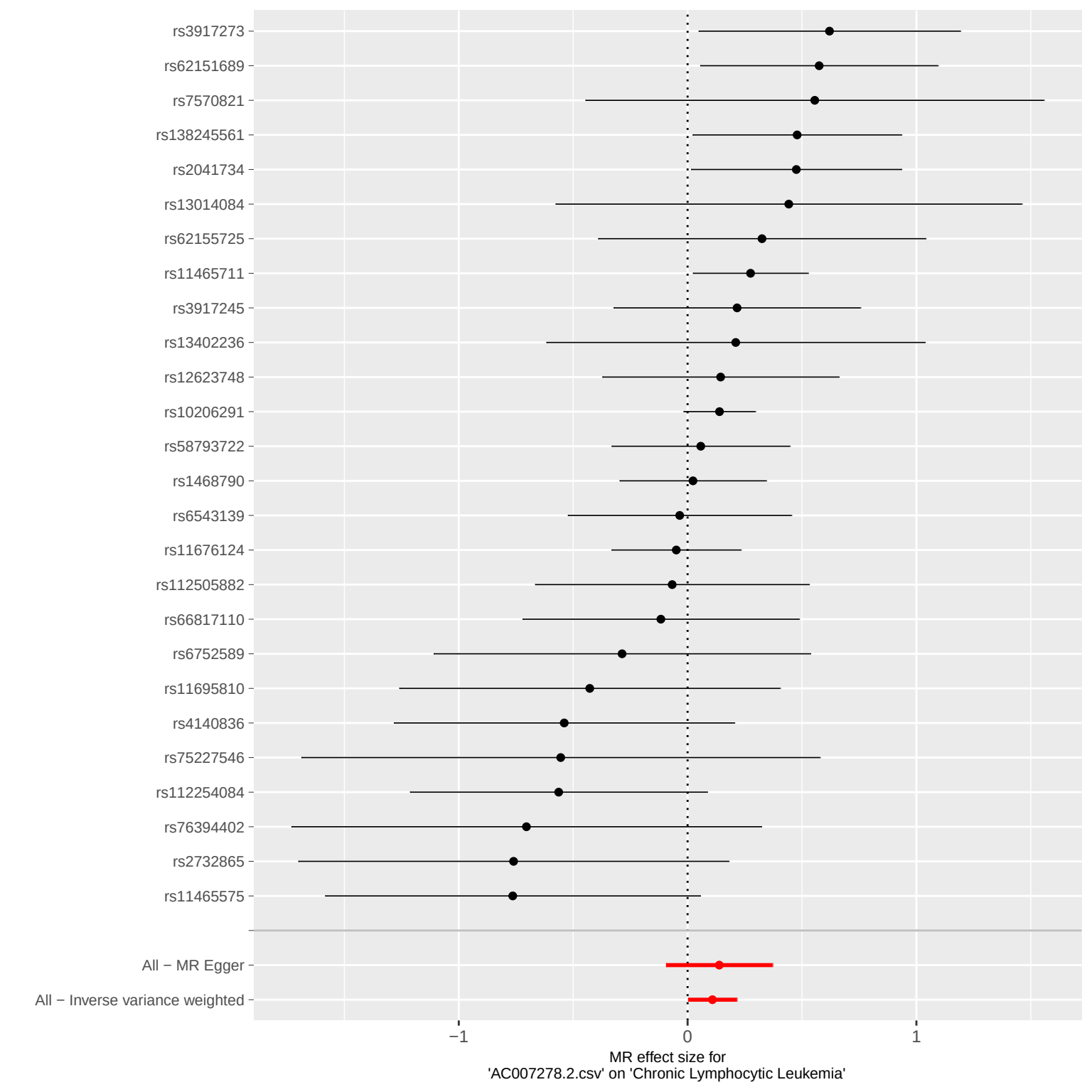
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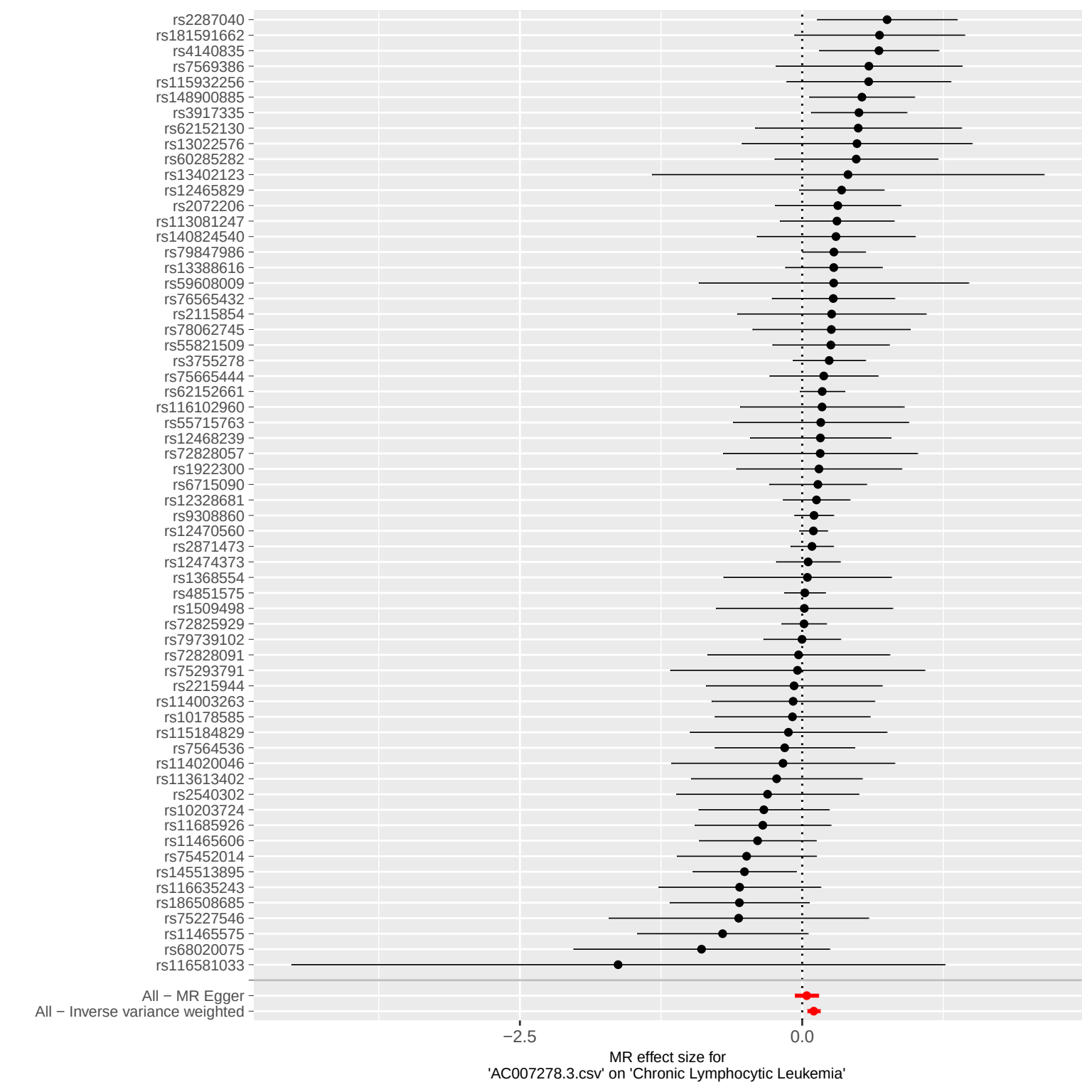
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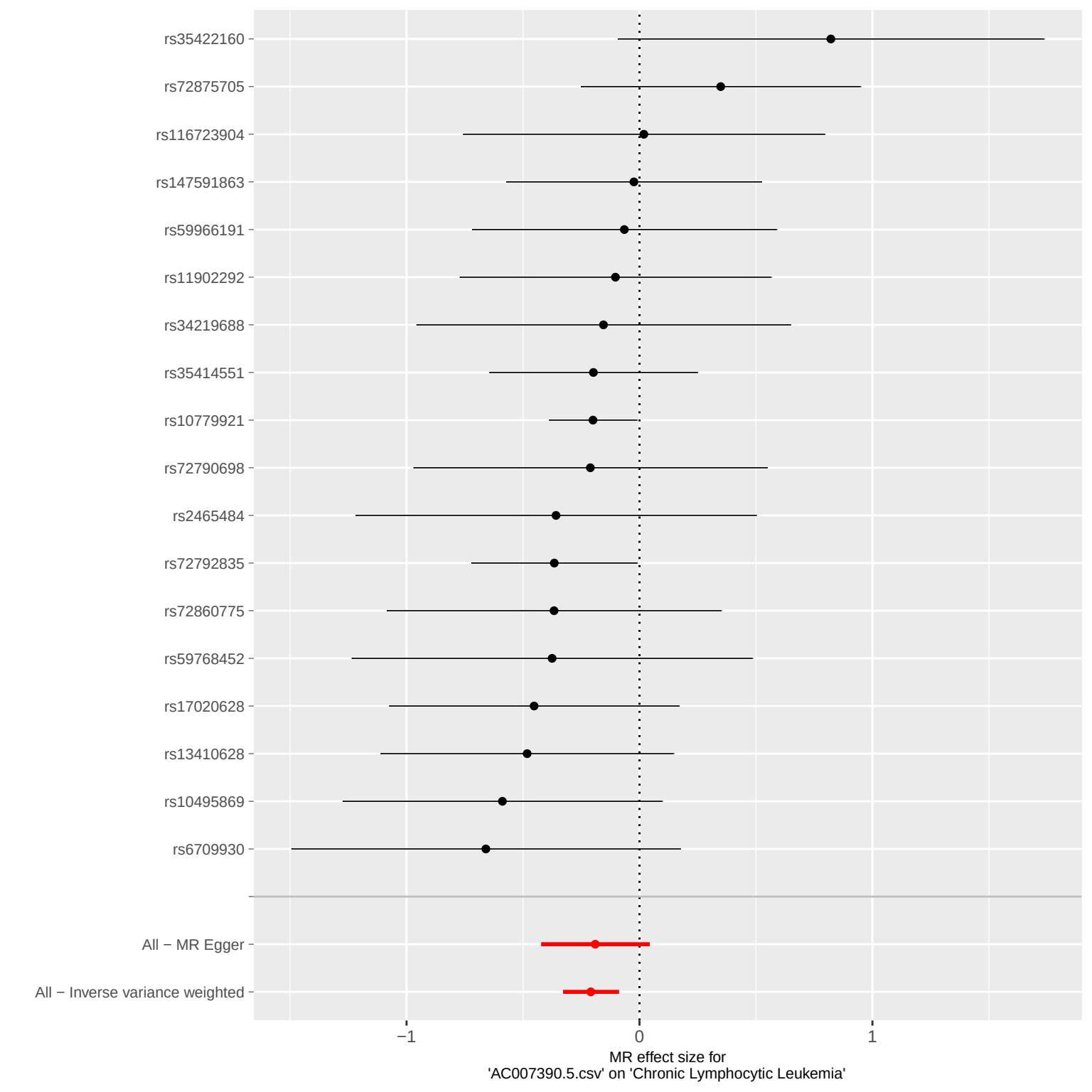
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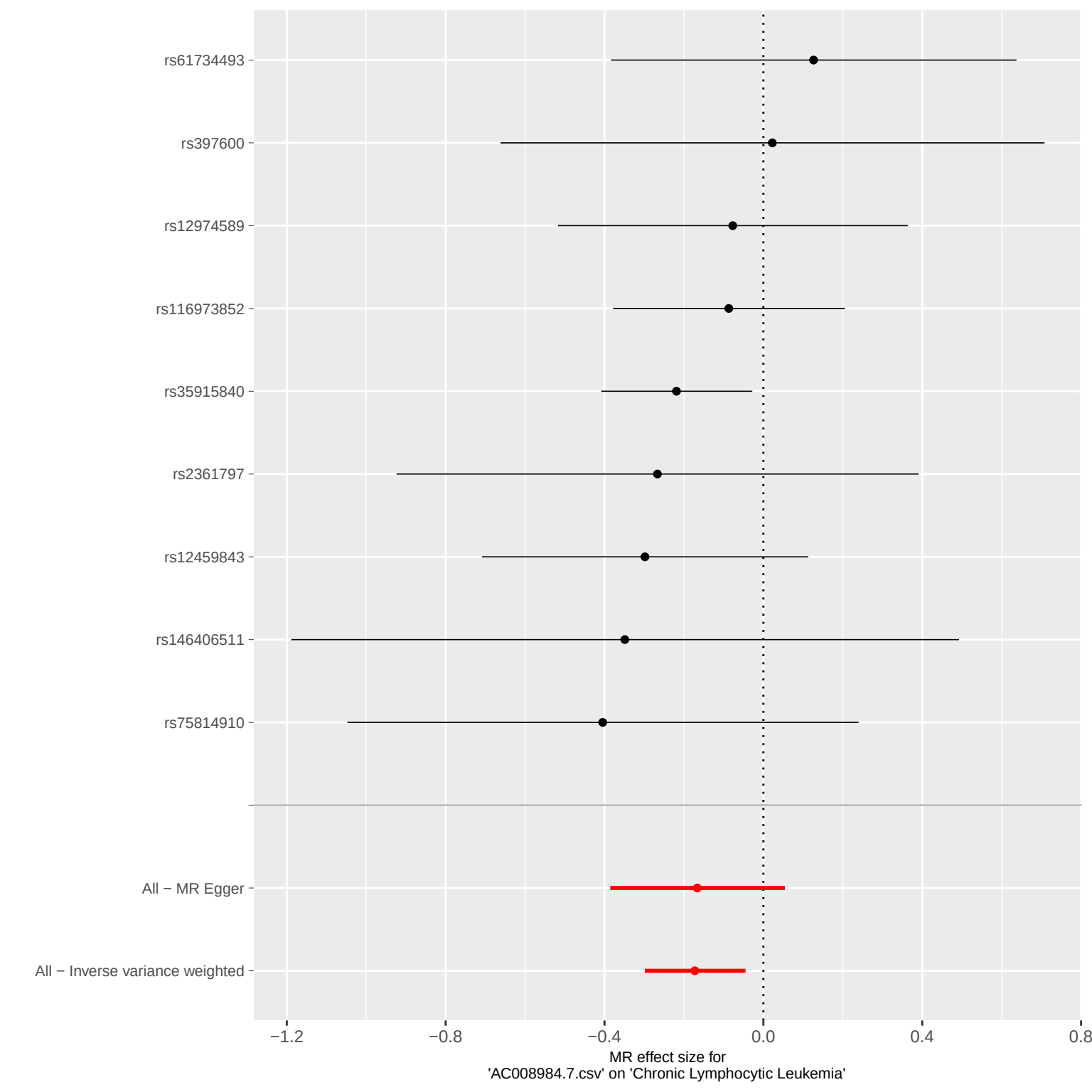
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MR effect size for
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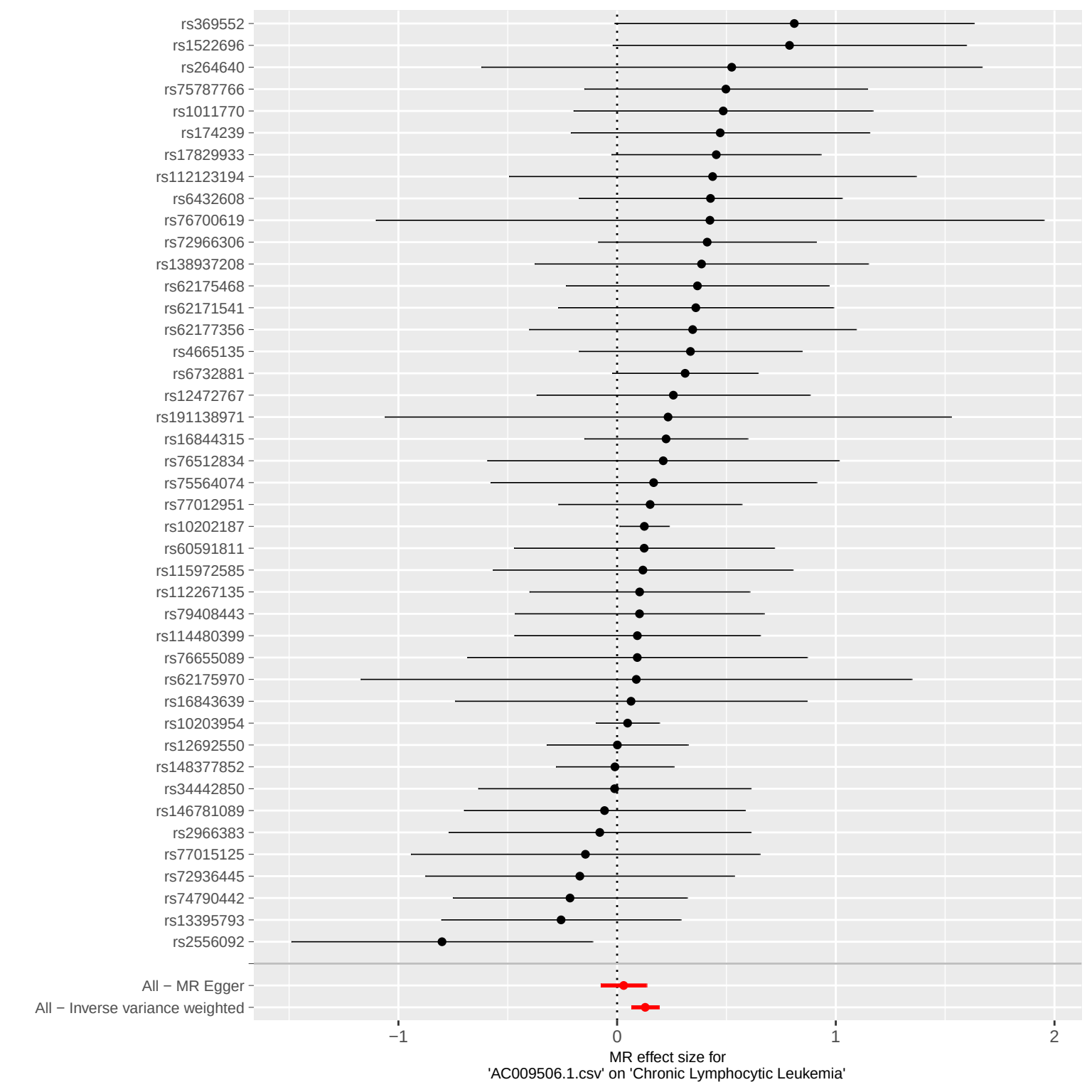
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MR effect size for
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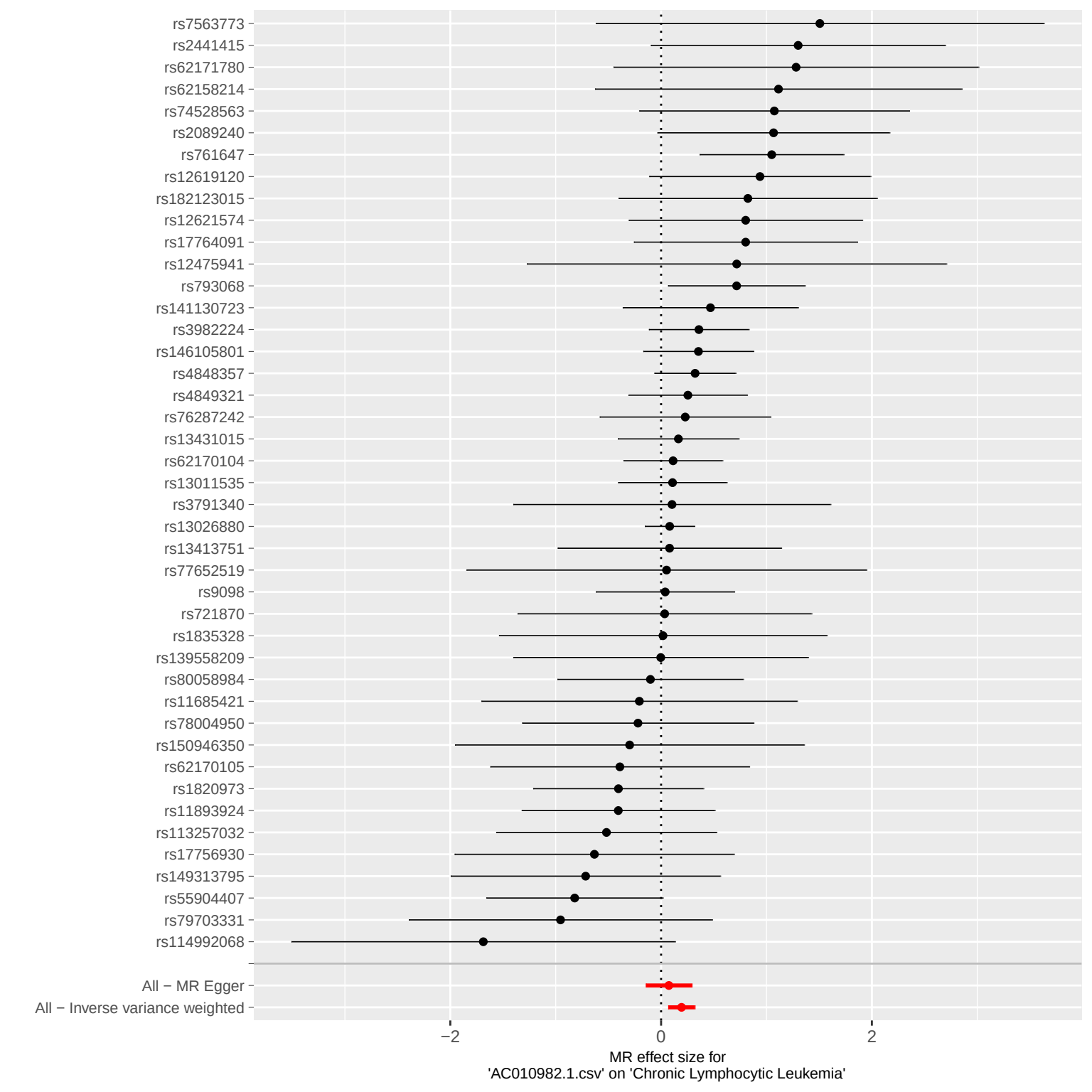
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rs17756930
rs149313795
rs55904407
rs79703331
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All − MR Egger
All − Inverse variance weighted
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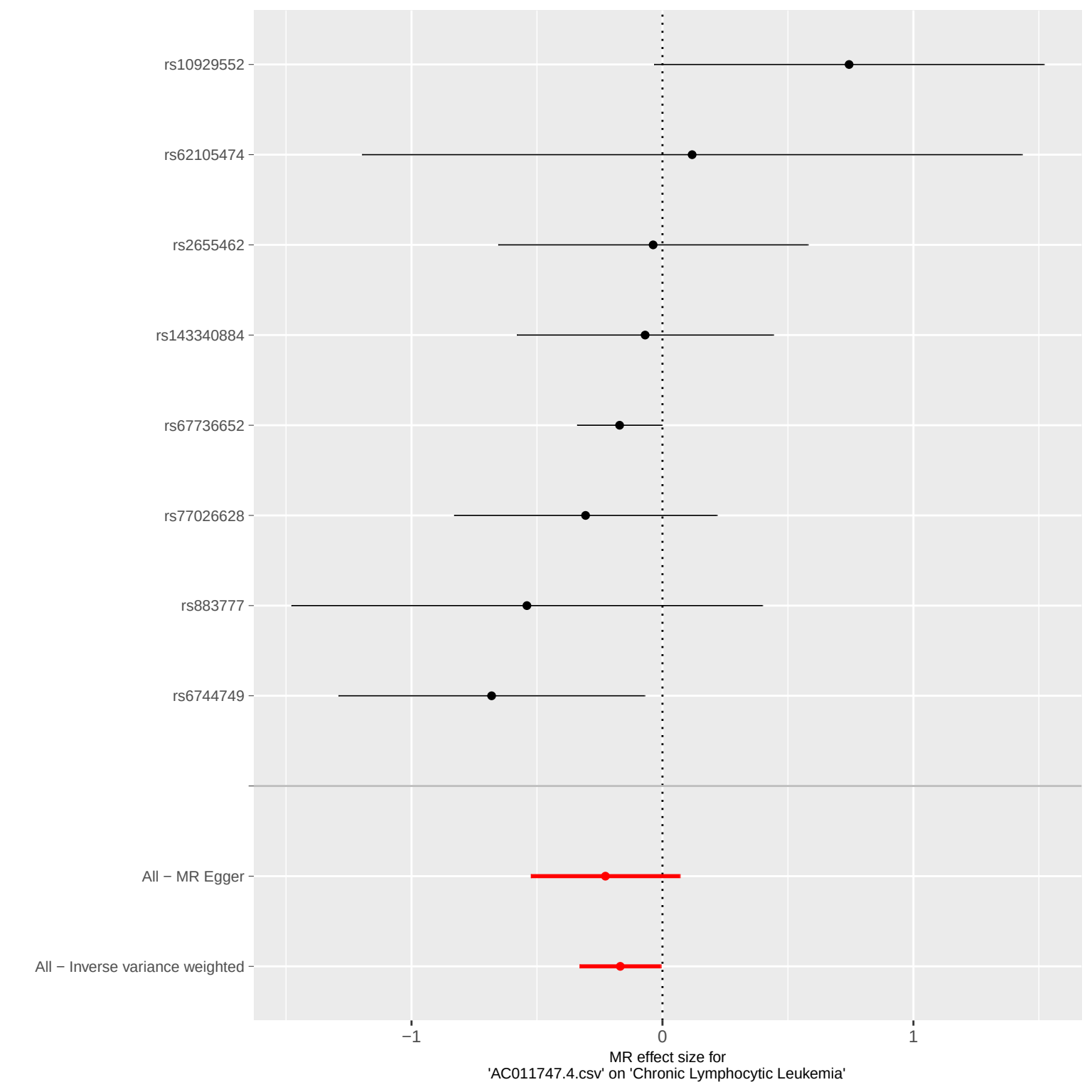
2
MR effect size for
'AC010982.1.csv' on 'Chronic Lymphocytic Leukemia'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All − MR Egger
All − Inverse variance weighted
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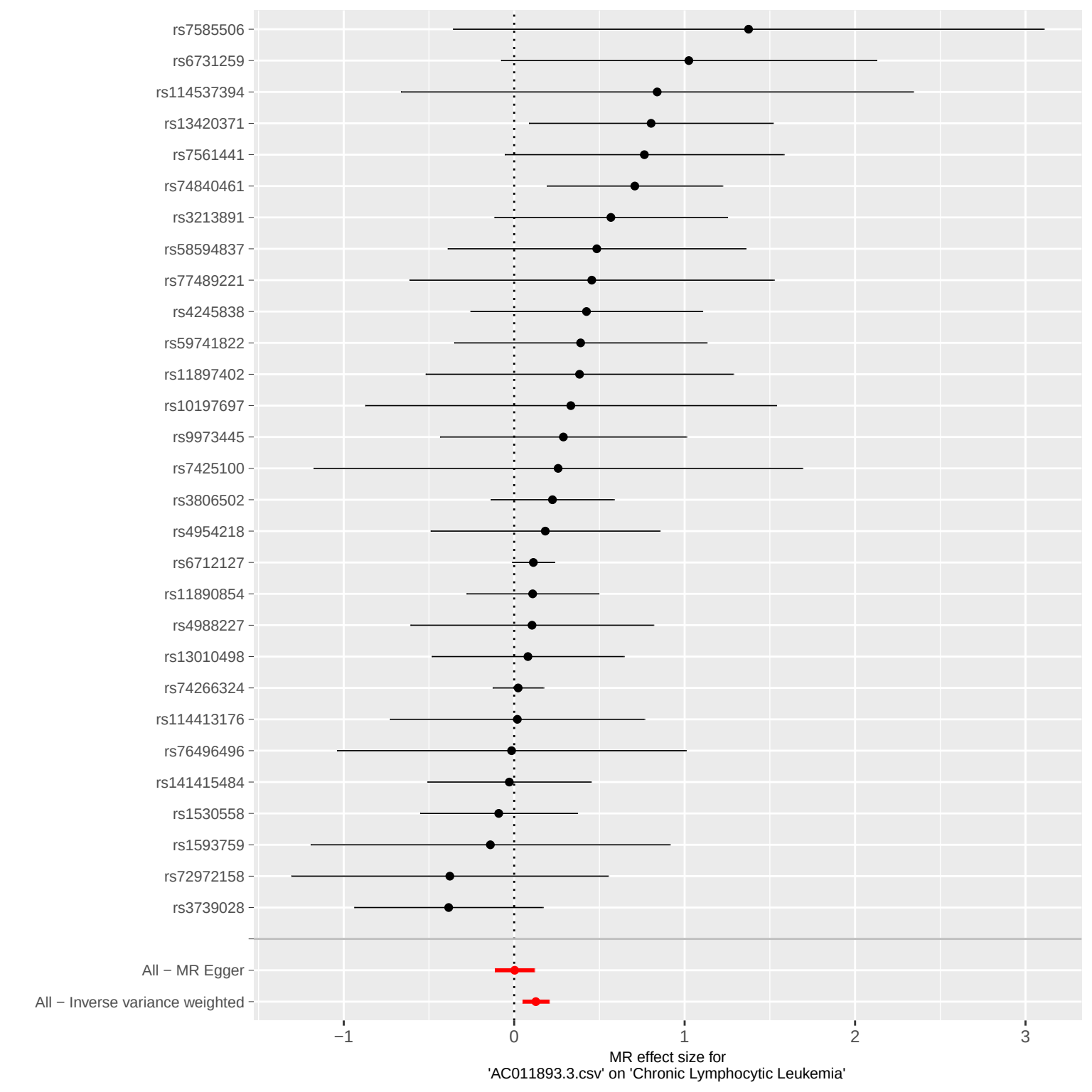
1
MR effect size for
'AC011747.4.csv' on 'Chronic Lymphocytic Leukemia'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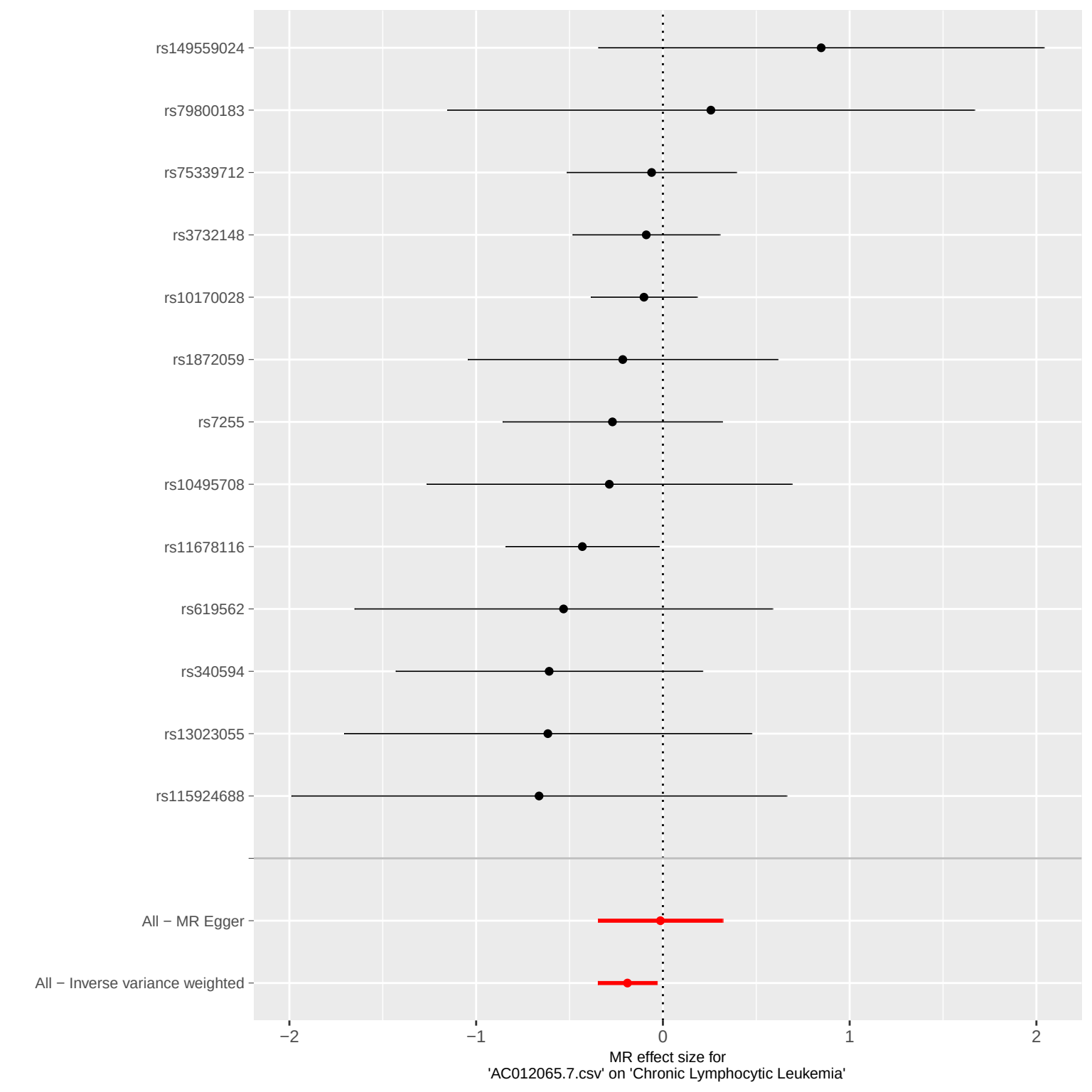
rs4988227
rs13010498
rs74266324
rs114413176
rs76496496
rs141415484
rs1530558
rs1593759
rs72972158
rs3739028
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'AC011893.3.csv' on 'Chronic Lymphocytic Leukemia'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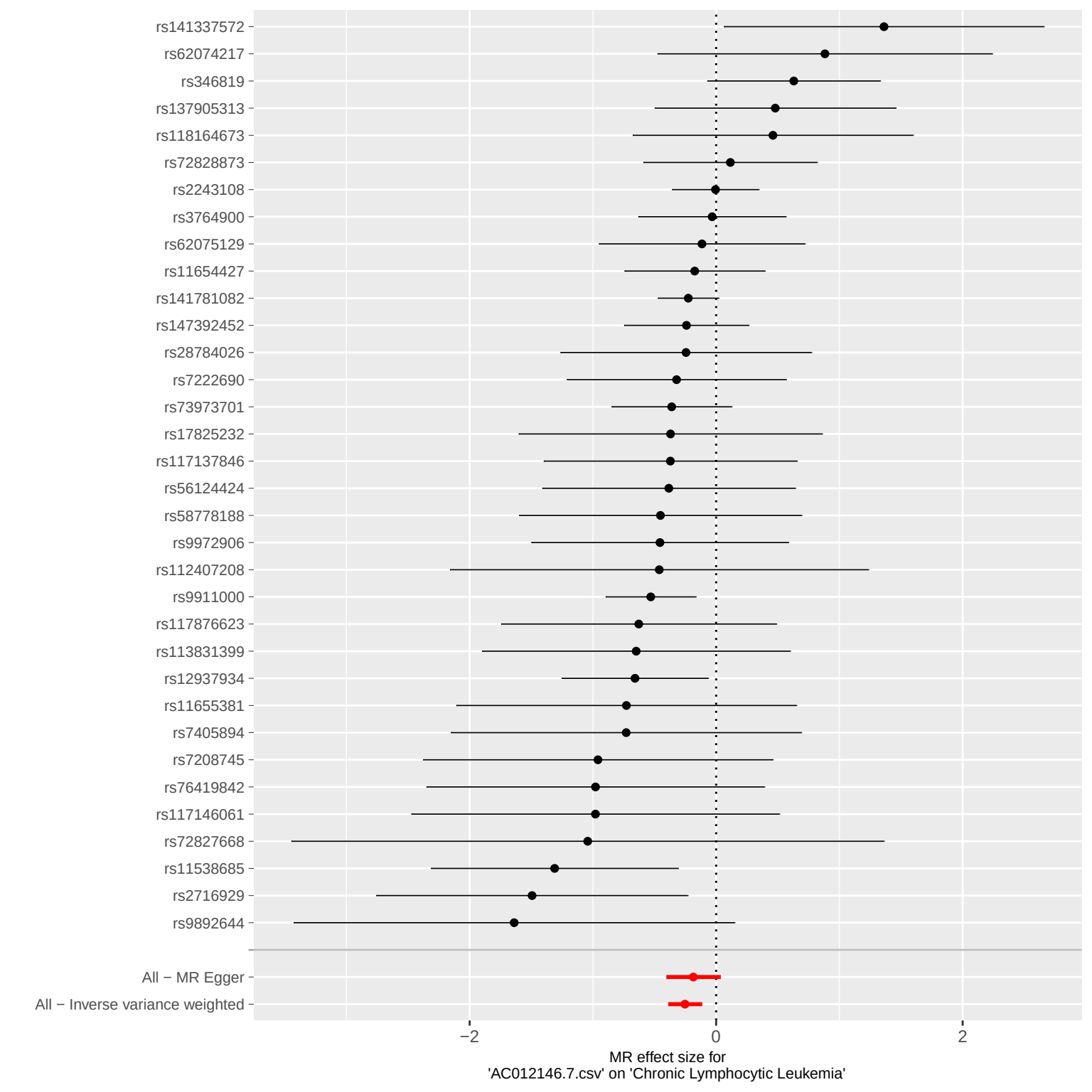
rs3732148
rs10170028
rs1872059
rs7255
rs10495708
rs11678116
rs619562
rs340594
rs13023055
rs115924688
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'AC012065.7.csv' on 'Chronic Lymphocytic Leukemia'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rs147392452
rs28784026
rs7222690
rs73973701
rs17825232
rs117137846
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rs9972906
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rs12937934
rs11655381
rs7405894
rs7208745
rs76419842
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rs72827668
rs11538685
rs2716929
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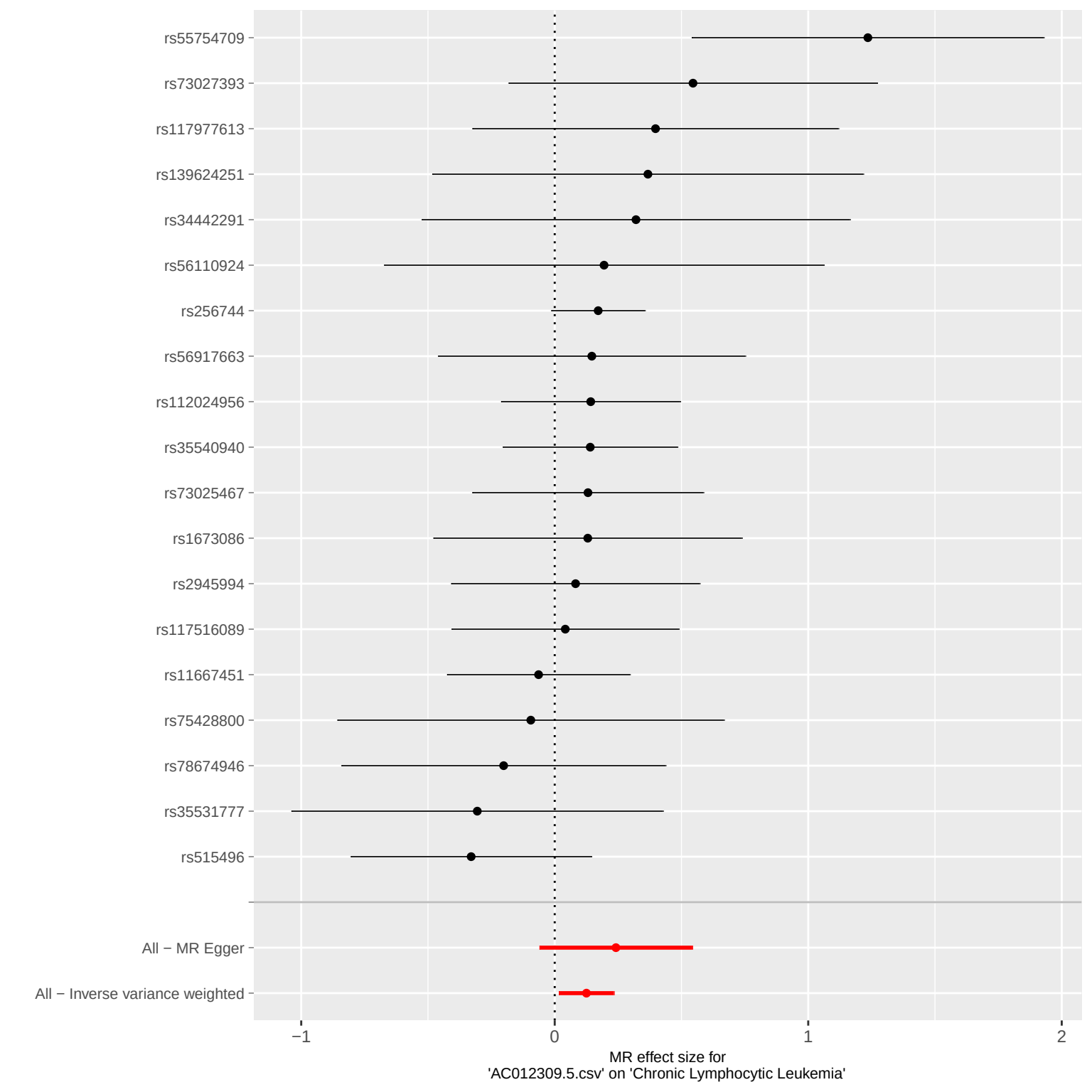
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'AC012146.7.csv' on 'Chronic Lymphocytic Leukemia'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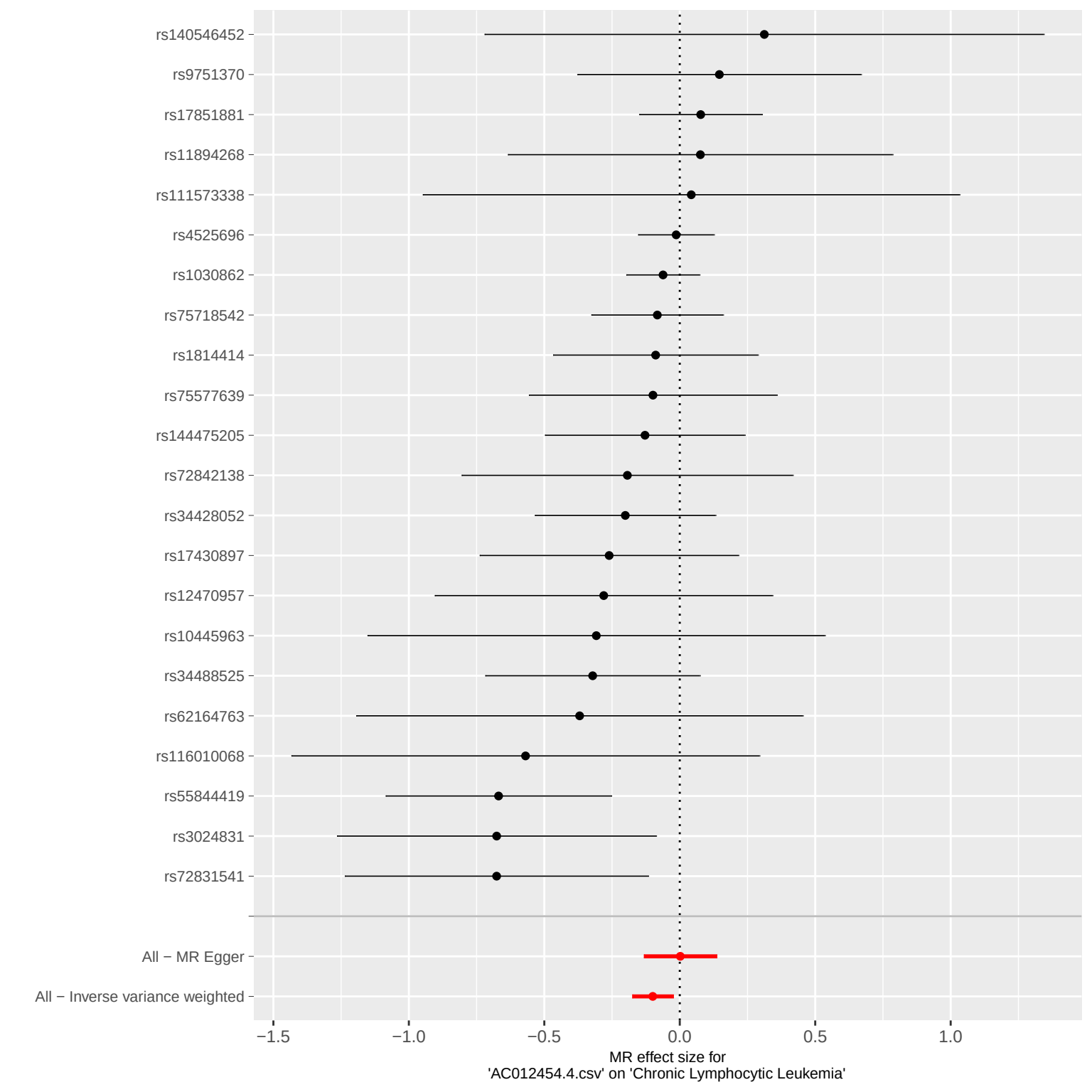
rs73025467
rs1673086
rs2945994
rs117516089
rs11667451
rs75428800
rs78674946
rs35531777
rs515496
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'AC012309.5.csv' on 'Chronic Lymphocytic Leukemia'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rs34428052
rs17430897
rs12470957
rs10445963
rs34488525
rs62164763
rs116010068
rs55844419
rs3024831
rs72831541
All − MR Egger
All − Inverse variance weighted
−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'AC012454.4.csv' on 'Chronic Lymphocytic Leukemia'